Supplemental Site Investigation
Former Gorham Manufacturing Property and Mashapaug Cove

Rhode Island Department of Environmental Management
Providence, Rhode Island

April 2006

FUSS & O'NEILL
Disciplines to Deliver

Fuss & O'Neill
275 Promenade Street
Providence, RI

SUPPLEMENTAL SITE INVESTIGATION
FORMER GORHAM MANUFACTURING PROPERTY AND MASHAPAUG COVE
Rhode Island Department of Environmental Management

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1.0 INTRODUCTION

Fuss & O'Neill, Inc. was retained by the Rhode Island Department of Environmental Management (RIDEM) to conduct supplemental site investigation (SSI) activities on a portion of the property known as the former Gorham Manufacturing Facility (the site) and Mashapaug Cove in Providence, Rhode Island.

2.0 OBJECTIVES

Textron, has conducted environmental investigations at portions of the former Gorham Manufacturing Facility, but not in the areas of the site addressed in this report. The purpose of this SSI was to define the range of constituents of concern and to determine if these constituents of concern were also present in nearby soil and Mashapaug Cove sediments related the former Gorham Manufacturing Facility.

3.0 BACKGROUND

3.1 Site Location, Description and Use History

The former Gorham Manufacturing Facility is situated on 37 acres (Figure 1). The portion of the site that is involved in this investigation ("the subject site") is approximately 10 acres, including Mashapaug Cove. The site is bordered by Stop & Shop to the east and Adelaide Avenue and a residential neighborhood to the south. The site slopes toward Mashapaug Pond and Mashapaug Cove to the north and west with an elevation change of approximately 30 feet.

Between 1890 and 1986, sterling silver and plated silverware, as well as bronze castings, were manufactured on-site. Operations included casting, rolling, polishing, lacquering, forging, plating, annealing, soldering, degreasing, machining, and melting.

The subject site is currently vacant and surrounded by a chain link fence. No buildings associated with the former Gorham Manufacturing Facility remain. An area southwest of the subject site is paved and is referred to as the Western Parking Area. The area adjacent to the cove is referred to as the North Bank Area. The western peninsula of the subject site has also been referred to as the Park Parcel.

The Park Parcel is approximately eight acres and follows the shoreline of Mashapaug Pond on the north and west sides of the property. A large part of this parcel is wooded and vegetated with poorly defined trails parallel to the pond shoreline. No active industrial or commercial activities are documented to have occurred within the Park Parcel; however, the north bank of the Cove is an area of exposed fill material.

3.2 Regulatory Background

Ownership of the property has changed several times since 1967. Currently, the site is owned by the City of Providence.

The site is identified on the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) List as the Gorham Manufacturing Site, Number RID982542318. Response actions undertaken at the site by RIDEM include the following:

November 1987	EPA Potential Hazardous Waste Site Identification Form completed by RIDEM in response to a complaint from the Providence Police Department
June 1989	Preliminary Assessment completed by RIDEM designated site as Medium Priority for Site Inspection
February 1993	Site Investigation Report prepared by Camp, Dresser and McKee under contract to RIDEM

Environmental investigations and remedial activities at the site began in 1985.

3.3 Groundwater

Groundwater beneath the subject site is classified by RIDEM as GB. There are no public or private wells within a four-mile radius. GB groundwater is designated to be not suitable for public or private drinking water use. GB groundwater areas are typically located beneath highly urbanized areas, permanent waste disposal areas and the area immediately surrounding the permanent waste disposal areas (RIDEM, 1996).

3.4 Surface Water

Mashapaug Pond has been classified as Class C. Class C waters are designated for secondary contact recreational activities and fish and wildlife habitat. They should be suitable for compatible industrial processes and cooling, hydropower, aquacultural uses, navigation, and irrigation and other agricultural uses. These waters should have good aesthetic value.

In August 2002, RIDEM and the Rhode Island Department of Health (RI DOH) issued a letter to the public stating that fish caught from Mashapaug Pond was not safe to eat due to contamination by PCBs and dioxins.

3.5 Location of Public Water Supply

There are no public or private wells within a four-mile radius. The nearest public water supply is the Scituate Reservoir located approximately nine miles to the west.

3.6 Regulatory Criteria

Currently, the subject site is vacant. The property owner has proposed to develop the site with a public school and a YMCA facility. The potential activities of workers, students, recreational users, or trespassers at the site should be considered under current and foreseeable use of the site.

In accordance with the December 2005 Quality Assurance Project Plan (QAPP) Revision 1.2, analytical data generated during the SSI are being compared to the RIDEM Method 1 Residential Direct Exposure Criteria (R-DEC) from the Remediation Regulations, as well as available ecological screening criteria. The use of the R-DEC criteria is applicable for sites with educational or recreational use. The ecological screening criteria have been selected to facilitate preliminary evaluation of the data relative to an available standard, and also to guide future assessment activities. The use of ecological screening criteria at this early stage is primarily for comparison purposes, and not necessarily to define the need for, or to in any way limit, potential remedial response actions at the site.

3.7 Contaminants of Concern

Based on the Site Investigation (SI) Summary Report and Risk Assessment prepared by Harding Lawson Associates (Harding) in July 1999, the previously documented contaminants of concern at the subject site included polycyclic aromatic hydrocarbons (PAH), volatile organic compounds (VOC), metals, and total petroleum hydrocarbons (TPH).

3.7.1 Plumes

Based on the 1999 SI Summary Report, two contiguous groundwater plumes were identified at the subject site. One groundwater plume extended north while the second extended to the east from the vicinity of the former Building W. The constituents of concern in the groundwater plumes included trichloroethene (TCE), tetrachloroethene (PCE), and 1,1,1-trichloroethane (TCA). TCE, PCE, and TCA were reportedly used at the subject site as vapor degreasers relating to manufacturing processes.

3.7.2 Fill Material

The Western Parking and North Bank Areas are reportedly underlain by heterogeneous fill consisting of granular, reworked soils with lesser amounts of casting sands, coal, coal ash, slag, asphalt, bricks, pipes, wood, cloth, glass, canisters, and occasional crushed, empty drums.

As documented in the 1999 SI Summary Report, fill beneath the West Parking Area and North Bank Area was identified to contain concentrations of PAHs, VOCs, metals (arsenic, beryllium, copper, chromium, lead, silver, and zinc), and TPH.

Additionally, according to the previously referenced report, concentrations of arsenic, beryllium, copper, lead, and benzo(a)pyrene in the fill material exceeded the RIDEM Industrial/Commercial Direct Exposure Criteria (I/C-DEC).

3.7.3 Groundwater

Historically, concentrations of PCE, TCE, and lead were detected in shallow groundwater. According to the 1999 SI Summary Report, the PCE, TCE, and lead contamination in shallow groundwater may be attributed to sporadic, localized sources in the fill.

4.0 SITE INVESTIGATION ACTIVITIES

4.1 Sediment Sampling

Sediment sampling locations were selected based on reported and anecdotal evidence of historic impacts on the pond and cove by the Gorham Manufacturing Facility (Figure 2). Sediment sampling was conducted in accordance with the December 2005 QAPP Revision 1.2.

On December 28, 2005, four to six inches of ice covered all of Mashapaug Pond. An ice auger was used to bore a hole in the ice in order to access sediment sampling locations (SD-1001 through SD-1005). An AMS bucket auger was used to collect composite samples from the 0 to 2-foot sediment interval. All sediment sampling equipment was decontaminated in the field between sample locations. All sediment sampling and decontamination procedures were conducted in accordance with Fuss & O'Neill standard operating procedures as provided in the December 2005 QAPP.

Sediment samples were analyzed by Premier Laboratories (Premier) of Dayville, Connecticut for all the parameters except for dioxins and furans. Severn-Trent Laboratories (STL) of West Sacramento, California analyzed sediment samples for dioxins and furans only. Analytes and analysis methods are identified in Table 1.

Table 1
Summary of Analytes and Analytical Methods for Sediment

Analytes	Method of Analysis
Priority Pollutant Metals (13) + Barium	EPA Method 6010B/7470A
Pesticides	EPA Method 8081A
PCBs	EPA Method 8082
TPH	EPA Method 8100M
Volatile Organic Compounds	EPA Method 8260B
Semi-Volatile Organic Compounds	EPA Method 8270C
Dioxins & Furans	EPA Method 8290
Total Cyanide	EPA Method 9012A
Percent Moisture	--

4.2 Soil Sampling

Soil sampling locations were selected to evaluate representative soil in areas at the limits of Parcels A, B and C where surficial soil had not been disturbed by construction activities implemented since approximately 2000 (Figure 2). Samples were collected with a dedicated sampling device at approximately 0 to 1 feet below grade along the cove bank and at the top of the slope down toward Mashapaug Cove. All soil sampling and decontamination procedures were conducted in accordance with Fuss & O'Neill standard operating procedures as provided in the December 2005 QAPP.

Soil samples were analyzed by Premier, for all compounds except dioxins and furans, and Severn-Trent, for dioxins and furans only. Analytes and analysis methods are identified in Table 2.

Table 2
Summary of Analytes and Analytical Methods for Soil

Analytes	Method of Analysis
Priority Pollutant Metals (13) + Barium	EPA Method 6010B/7470A
Pesticides	EPA Method 8081A
PCBs	EPA Method 8082
Semi-Volatile Organic Compounds	EPA Method 8270C
Dioxins & Furans	EPA Method 8290
Total Cyanide	EPA Method 9012

5.0 RESULTS OF ENVIRONMENTAL SAMPLING

Sampling locations were chosen to evaluate the nature of the site where contaminated or polluted soils or sediments may be present.

5.1 Sediment Sampling

In accordance with plan objectives and data quality objectives established in the December 2005 QAPP, sediment data was compared to RIDEM Residential Direct Exposure Criteria (R-DEC) and published ecological screening values. These ecological screening values, typically lower than the R-DEC, represent concentrations at or below which ecological effects are not expected to occur. As provided in the December 2005 QAPP, MacDonald, *et al.* (2000) served as the primary source of ecological screening values. However, MacDonald, *et al.* (2000) does not include ecological screening values for all constituents of potential concern; therefore, other published sources of ecological screening values were used. Table 3 provides a summary of compounds detected in sediment and their respective published ecological screening values. A complete summary of analytical results for sediment is provided in Table 5 and complete copies of laboratory analytical reports are provided in Appendix A.

5.2 Soil Sampling

In accordance with plan objectives and data quality objectives established in the December 2005 QAPP, soil data was compared to the RIDEM Residential Direct Exposure Criteria (R-DEC), and GB Groundwater Leachability Criteria, as published in the RIDEM Remediation Regulations. Table 4 provides a summary of compounds detected in soil and their respective R-DEC and GB Leachability criteria. A complete summary of analytical results for soil is provided in Table 6 and complete copies of laboratory analytical reports are provided in Appendix A.

6.0 DATA VERIFICATION AND VALIDATION

A modified Tier II data validation was conducted and completed for this project in accordance with the December 2005 QAPP. In a Modified Tier II data validation, data collected during

field operations and data deliverables provided by the analytical laboratory from standard EPA SW-846 method deliverables are reviewed. For all data deliverables, "Modified Tier II Data Validation Checklists" were completed and are included in Appendix B.

Both laboratories (Premier and STL) provided a "Modified Tier II Data Validation Checklist" with the data deliverables which certified that SW-846 protocols were followed and that results were within the limits specified in the laboratory's Quality Assurance Plan. In addition, the laboratories certified that all supporting documentation shall be maintained at the laboratory for seven years and will be made available upon request of the end user. Premier and STL also provided a project narrative summarizing QA/QC and other issues noted by the laboratory.

Fuss & O'Neill's data validator generated a Data Validation Checklist, applicable to a Modified Tier II data validation. Copies of the Modified Tier II Data Validation checklist are included in Appendix B. Data validation was performed on fixed based laboratory results only; however, as a due diligence check, samples analyzed by Fuss & O'Neill using screening procedures was also subjected to the completeness checklists.

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TABLES

Table 3
Summary of Detected Analytes in Sediment and Applicable Ecological Screening Values
Former Gorham Manufacturing Facility
Providence, Rhode Island
April 2006

CONSTITUENT	P/F	UNITS	Res DEC	Ecological Screening Criteria	SD-1001 699051228-10 12/28/2005 1.00 Primary	SD-1001 699051228-11 12/28/2005 1.00 Duplicate 1	SD-1002 699051228-09 12/28/2005 1.00 Primary	SD-1003 699051228-08 12/28/2005 1.00 Primary	SD-1004 699051228-06 12/28/2005 1.00 Primary	SD-1005 699051228-07 12/28/2005 1.00 Primary
Percent moisture	Total	(%)	NE	--	45.6	48.9	55.8	85.7	82.2	24.3
Antimony	Total	(mg/kg)	10	2.0[b]	2.7	1.5	1.6	<2.7	<2.0	<0.54
Arsenic	Total	(mg/kg)	7	9.79[a]	19	14	12	45	32	3.8
Barium	Total	(mg/kg)	5,500	NE	190	130	76	250	69	19
Beryllium	Total	(mg/kg)	0.40	NE	1.1	0.71	0.46	1.4	3.5	0.075
Cadmium	Total	(mg/kg)	39	0.99[a]	1.8	1.2	0.91	4.1	3.2	0.14
Chromium	Total	(mg/kg)	390	43.4[a]	71	52	12	100	59	4.8
Copper	Total	(mg/kg)	3,100	31.6[a]	1200	830	180	740	1500	19
Lead	Total	(mg/kg)	150	35.8[a]	340	250	140	590	140	23
Nickel	Total	(mg/kg)	1,000	22.7[a]	48	32	20	120	810	10
Selenium	Total	(mg/kg)	390	NE	3.2	3.3	1.8	<2.7	<2.0	<0.54
Silver	Total	(mg/kg)	200	NE	120	120	15	95	24	2.9
Zinc	Total	(mg/kg)	6,000	121[a]	570	410	200	770	1200	34
Mercury	Total	(mg/kg)	23	0.18[a]	0.30	0.20	0.087	1.3	0.20	0.031
TPH	Total	(mg/kg)	500	NE	1900	1300	2600	1700	740	370
Acetone	Total	(ug/kg)	7,800,000	8.7[d]	<52	<42	<39	870	<4600	<48
1,1-Dichloroethane	Total	(ug/kg)	920,000	27[d]	<13	<9.9	<9.8	1400	<1100	<12
1,1-Dichloroethene	Total	(ug/kg)	200	250[d]	<13	<9.9	<9.8	<150	<1100	14
cis-1,2-Dichloroethene	Total	(ug/kg)	630,000	400[d]	<13	<9.9	<9.8	420	<1100	16
Naphthalene	Total	(ug/kg)	54,000	176[a]	210	240	280	<39	<30	45
1,1,1-Trichloroethane	Total	(ug/kg)	540,000	30[d]	<13	<9.9	<9.8	<150	1300	300
Trichloroethene	Total	(ug/kg)	13,000	220[d]	<13	<9.9	<9.8	<150	5600	210
Vinyl Chloride	Total	(ug/kg)	20	NE	<26	<20	<20	5000	<2300	<24
Acenaphthene	Total	(ug/kg)	43,000	NE	250	59	260	<39	<30	24
Acenaphthylene	Total	(ug/kg)	23,000	NE	70	300	26	<39	<30	<7.9
Anthracene	Total	(ug/kg)	35,000	57.2[b]	830	1000	360	110	40	79

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Benzo(a)anthracene	Total	(ug/kg)	900	31.7[f]	2000	1800	690	290	160	150
Benzo(a)pyrene	Total	(ug/kg)	400	31.9[f]	1800	1700	590	240	150	120
Benzo(b)fluoranthene	Total	(ug/kg)	900	NE	2900	2300	860	340	250	170
Benzo(ghi)perylene	Total	(ug/kg)	800	170[g]	730	620	260	110	88	46
Benzo(k)fluoranthene	Total	(ug/kg)	900	240[g]	970	930	250	180	110	65
Chrysene	Total	(ug/kg)	400	166[a]	2400	2200	840	430	240	160
Dibenzo(a,h)anthracene	Total	(ug/kg)	400	6.22[h]	220	130	<13	<39	<30	<7.9
Di-n-butylphthalate	Total	(ug/kg)	NE	NE	480	<330	<330	1100	<740	<200
Fluoranthene	Total	(ug/kg)	20,000	423[a]	4300	<13	1600	710	450	390
Fluorene	Total	(ug/kg)	28,000	77.4[a]	<18	<13	22	81	36	25
Indeno(1,2,3-cd)pyrene	Total	(ug/kg)	900	200[g]	740	30	220	110	<30	46
2-Methylnaphthalene	Total	(ug/kg)	123,000	130[d]	<440	<330	<330	<990	<740	<200
Phenanthrene	Total	(ug/kg)	40,000	204[a]	4000	4200	2100	480	230	410
Pyrene	Total	(ug/kg)	13,000	53[h]	5300	5300	2300	760	450	400
2,3,7,8-TCDD	Total	(pg/g)	NE	NE	5.3	1.9	2.5	9.5	9.2	0.98
TOTAL TCDD	Total	(pg/g)	NE	NE	77	30	45	120	110	11
1,2,3,7,8-PeCDD	Total	(pg/g)	NE	NE	9.7	4.9	7.4	31	33	<3.0
TOTAL PeCDD	Total	(pg/g)	NE	NE	74	35	56	310	290	22
1,2,3,4,7,8-HxCDD	Total	(pg/g)	NE	NE	4.9	<4.0	6.1	16	<14	<1.8
1,2,3,6,7,8-HxCDD	Total	(pg/g)	NE	NE	13	10	12	42	39	4.7
1,2,3,7,8,9-HxCDD	Total	(pg/g)	NE	NE	8.2	5.1	8.0	21	20	<2.7
TOTAL HxCDD	Total	(pg/g)	NE	NE	120	91	130	490	420	48
1,2,3,4,6,7,8-HpCDD	Total	(pg/g)	NE	NE	110	110	59	130	140	17
TOTAL HpCDD	Total	(pg/g)	NE	NE	200	210	120	270	260	36
OCDD	Total	(pg/g)	NE	NE	750	660	240	420	480	77
2,3,7,8-TCDF	Total	(pg/g)	NE	NE	18	13	15	27	29	4.3
TOTAL TCDF	Total	(pg/g)	NE	NE	290	240	290	1300	1300	170
1,2,3,7,8-PeCDF	Total	(pg/g)	NE	NE	16	13	28	60	55	8.3
2,3,4,7,8-PeCDF	Total	(pg/g)	NE	NE	36	31	43	160	170	23

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TOTAL PeCDF	Total	(pg/g)	NE	NE	680	640	880	5100	5400	750
1,2,3,4,7,8-HxCDF	Total	(pg/g)	NE	NE	30	34	57	170	110	17
1,2,3,6,7,8-HxCDF	Total	(pg/g)	NE	NE	37	35	59	230	260	33
2,3,4,6,7,8-HxCDF	Total	(pg/g)	NE	NE	36	37	51	180	220	28
1,2,3,7,8,9-HxDF	Total	(pg/g)	NE	NE	<3.1	<5.1	<2.8	8.6	<7.1	<0.91
TOTAL HxCDF	Total	(pg/g)	NE	NE	780	790	1000	5500	5800	790
1,2,3,4,6,7,8-HpCDF	Total	(pg/g)	NE	NE	92	110	160	270	210	30
1,2,3,4,7,8,9-HpCDF	Total	(pg/g)	NE	NE	9.9	11	14	49	47	4.1
TOTAL HpCDF	Total	(pg/g)	NE	NE	180	200	240	620	550	73
OCDF	Total	(pg/g)	NE	NE	75	83	190	190	70	7.6

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Table 4
Summary of Detected Analytes in Soil and Applicable RIDEM Regulatory Criteria
Former Gorham Manufacturing Facility
Providence, Rhode Island
April 2006

CONSTITUENT	P/F	UNITS	Res DEC	GB Leachability Criteria	SS-1001 743051228-01 12/28/2005 0.50 Primary	SS-1002 743051228-02 12/28/2005 0.50 Primary	SS-1003 743051228-03 12/28/2005 0.50 Primary	SS-1004 743051228-04 12/28/2005 0.50 Primary	SS-1005 743051228-17 12/28/2005 0.50 Primary	SS-1005 743051228-18 12/28/2005 0.50 Duplicate 1
Percent moisture	Total	(%)	NE	NE	0.95	14.0	35.9	5.8	16.1	19.3
Antimony	Total	(mg/kg)	10	NE	3.2	3.3	2.4	<0.48	4.9	4.8
Arsenic	Total	(mg/kg)	7	NE	<4.7	6.6	2.1	2.1	11	11
Barium	Total	(mg/kg)	5,500	NE	380	180	510	18	3000	2900
Beryllium	Total	(mg/kg)	0.40	NE	1.4	1	0.56	0.21	0.28	0.24
Cadmium	Total	(mg/kg)	39	NE	5.7	1.4	7.8	0.18	1.0	0.94
Chromium	Total	(mg/kg)	390	NE	92	32	64	23	610	590
Copper	Total	(mg/kg)	3,100	NE	2200	410	1200	68	4400	5200
Lead	Total	(mg/kg)	150	NE	14000	390	2900	45	160	150
Nickel	Total	(mg/kg)	1,000	NE	290	390	91	14	180	170
Silver	Total	(mg/kg)	200	NE	85	110	250	4.3	140	140
Thallium	Total	(mg/kg)	5.5	NE	43	<0.26	<0.44	<0.24	<0.28	<0.28
Zinc	Total	(mg/kg)	6,000	NE	2100	230	1400	53	1200	1100
Mercury	Total	(mg/kg)	23	NE	0.034	1.6	3.9	0.060	0.18	0.20
TPH	Total	(mg/kg)	500	2,500	----	----	----	----	----	----
Acetone	Total	(ug/kg)	7,800,000	NE	----	----	----	----	----	----
1,1-Dichloroethane	Total	(ug/kg)	920,000	NE	----	----	----	----	----	----
1,1-Dichloroethene	Total	(ug/kg)	200	700	----	----	----	----	----	----
cis-1,2-Dichloroethene	Total	(ug/kg)	630,000	60,000	----	----	----	----	----	----
Naphthalene	Total	(ug/kg)	54,000	NE	69	7900	1100	33	49	42
1,1,1-trichloroethane	Total	(ug/kg)	540,000	160,000	----	----	----	----	----	----
Trichloroethene	Total	(ug/kg)	13,000	20,000	----	----	----	----	----	----
Vinyl Chloride	Total	(ug/kg)	20	NE	----	----	----	----	----	----
Aroclor 1260	Total	(ug/kg)	10,000	10,000	<7.0	<7.6	<13	<7.2	22	23
alpha-Chlordane	Total	(ug/kg)	NE	NE	<0.70	<0.76	<1.3	2.5	4.4	2.7
gamma-Chlordane	Total	(ug/kg)	NE	NE	<0.70	<0.76	<1.3	1.6	4.0	2.8
4,4'-DDE	Total	(ug/kg)	NE	NE	<0.70	5.3	<1.3	29	2.7	2.3
4,4'-DDT	Total	(ug/kg)	NE	NE	<0.70	22	<1.3	69	4.2	3.0
Acenaphthene	Total	(ug/kg)	43,000	NE	41	6600	880	10	33	20
Acenaphthylene	Total	(ug/kg)	23,000	NE	10	130	<66	27	50	37
Anthracene	Total	(ug/kg)	35,000	NE	140	9500	2000	62	140	80
Benzo(a)anthracene	Total	(ug/kg)	900	NE	640	15000	2900	420	510	370
Benzo(a)pyrene	Total	(ug/kg)	400	NE	640	13000	2200	470	450	350

Table 4
Summary of Detected Analytes in Soil and Applicable RIDEM Regulatory Criteria
Former Gorham Manufacturing Facility
Providence, Rhode Island
April 2006

CONSTITUENT	P/F	UNITS	Res DEC	GB Leachability Criteria	SS-1001 743051228-01 12/28/2005 0.50 Primary	SS-1002 743051228-02 12/28/2005 0.50 Primary	SS-1003 743051228-03 12/28/2005 0.50 Primary	SS-1004 743051228-04 12/28/2005 0.50 Primary	SS-1005 743051228-17 12/28/2005 0.50 Primary	SS-1005 743051228-18 12/28/2005 0.50 Duplicate 1
Benzo(b)fluoranthene	Total	(ug/kg)	900	NE	1100	20000	3000	680	830	570
Benzo(ghi)perylene	Total	(ug/kg)	800	NE	270	6100	1400	220	240	180
Benzo(k)fluoranthene	Total	(ug/kg)	900	NE	320	4800	1300	220	220	230
Chrysene	Total	(ug/kg)	400	NE	740	14000	3000	440	560	450
Dibenzo(a,h)anthracene	Total	(ug/kg)	400	NE	60	1300	280	62	39	54
Di-n-butylphthalate	Total	(ug/kg)	NE	NE	<350	<3900	<3300	<360	36000	<420
Fluoranthene	Total	(ug/kg)	20,000	NE	1000	34000	7100	700	1000	770
Fluorene	Total	(ug/kg)	28,000	NE	39	5500	1000	14	49	32
Indeno(1,2,3-cd)pyrene	Total	(ug/kg)	900	NE	240	5400	1000	<7.1	190	140
2-Methylnaphthalene	Total	(ug/kg)	123,000	NE	<180	2200	<1600	<180	<200	<210
Phenanthrene	Total	(ug/kg)	40,000	NE	740	36000	9000	240	710	480
Pyrene	Total	(ug/kg)	13,000	NE	1600	35000	8100	1100	1600	970
2,3,7,8-TCDD	Total	(pg/g)	NE	NE	<0.66	1.5	21	<0.58	1.0	1.1
TOTAL TCDD	Total	(pg/g)	NE	NE	<0.66	17	420	<0.58	41	52
1,2,3,7,8-PeCDD	Total	(pg/g)	NE	NE	<0.92	4.8	71	<0.91	5.4	7.2
TOTAL PeCDD	Total	(pg/g)	NE	NE	<0.92	28	850	<0.91	72	93
1,2,3,4,7,8-HxCDD	Total	(pg/g)	NE	NE	<1.6	4.4	56	<1.1	4.8	7.3
1,2,3,6,7,8-HxCDD	Total	(pg/g)	NE	NE	<1.5	9.7	100	<1.0	8.8	13
1,2,3,7,8,9-HxCDD	Total	(pg/g)	NE	NE	<1.5	8.1	70	<0.98	8.8	9.0
TOTAL HxCDD	Total	(pg/g)	NE	NE	<1.6	95	1200	<1.3	120	160
1,2,3,4,6,7,8-HpCDD	Total	(pg/g)	NE	NE	<2.0	150	680	7.5	150	210
TOTAL HpCDD	Total	(pg/g)	NE	NE	<2.0	280	1300	14	280	390
OCDD	Total	(pg/g)	NE	NE	11	1200	1700	120	1100	1300
2,3,7,8-TCDF	Total	(pg/g)	NE	NE	<0.37	11	310	0.76	3.8	6.0
TOTAL TCDF	Total	(pg/g)	NE	NE	3.6	110	2600	6.1	50	50
1,2,3,7,8-PeCDF	Total	(pg/g)	NE	NE	<0.63	10	230	<0.71	<2.9	<2.7
2,3,4,7,8-PeCDF	Total	(pg/g)	NE	NE	<0.80	20	410	<2.2	5.5	6.3
TOTAL PeCDF	Total	(pg/g)	NE	NE	<2.2	240	5200	7.6	58	52
1,2,3,4,7,8-HxCDF	Total	(pg/g)	NE	NE	<1.7	29	450	<2.4	5.3	5.1
1,2,3,6,7,8-HxCDF	Total	(pg/g)	NE	NE	<1.6	24	400	<1.4	4.2	4.0
2,3,4,6,7,8-HxCDF	Total	(pg/g)	NE	NE	<1.7	25	460	<2.2	4.3	4.7
1,2,3,7,8,9-HxDF	Total	(pg/g)	NE	NE	<1.8	<2.5	25	<1.4	<1.1	<1.4
TOTAL HxCDF	Total	(pg/g)	NE	NE	<2.5	340	5000	12	55	59

Table 4
Summary of Detected Analytes in Soil and Applicable RIDEM Regulatory Criteria
Former Gorham Manufacturing Facility
Providence, Rhode Island
April 2006

CONSTITUENT	P/F	UNITS	Res DEC	GB Leachability Criteria	SS-1001 743051228-01 12/28/2005 0.50 Primary	SS-1002 743051228-02 12/28/2005 0.50 Primary	SS-1003 743051228-03 12/28/2005 0.50 Primary	SS-1004 743051228-04 12/28/2005 0.50 Primary	SS-1005 743051228-17 12/28/2005 0.50 Primary	SS-1005 743051228-18 12/28/2005 0.50 Duplicate 1
1,2,3,4,6,7,8-HpCDF	Total	(pg/g)	NE	NE	<2.2	150	1400	6.2	16	19
1,2,3,4,7,8,9-HpCDF	Total	(pg/g)	NE	NE	<1.1	16	160	<0.68	<1.9	<2.4
TOTAL HpCDF	Total	(pg/g)	NE	NE	<2.2	250	2100	9.9	33	40
OCDF	Total	(pg/g)	NE	NE	<2.0	180	590	<4.7	19	24

Table 5
Summary of Analytical Results for Sediment
Former Gorham Manufacturing Facility
Providence, Rhode Island
April 2006

CONSTITUENT	P/F	UNITS	Res DEC	Ecological Screening Criteria	SD-1001 699051228-10 12/28/2005 1.00 Primary	SD-1001 699051228-11 12/28/2005 1.00 Duplicate 1	SD-1002 699051228-09 12/28/2005 1.00 Primary	SD-1003 699051228-08 12/28/2005 1.00 Primary	SD-1004 699051228-06 12/28/2005 1.00 Primary	SD-1005 699051228-07 12/28/2005 1.00 Primary
Cyanide	Total	(mg/kg)	200	0.0001[c,g]	<1.3	<0.0099	<0.98	<3.0	<2.3	<0.60
Antimony	Total	(mg/kg)	10	2.0[b]	2.7	1.5	1.6	<2.7	<2.0	<0.54
Arsenic	Total	(mg/kg)	7	9.79[a]	19	14	12	45	32	3.8
Barium	Total	(mg/kg)	5,500	NE	190	130	76	250	69	19
Beryllium	Total	(mg/kg)	0.4	NE	1.1	0.71	0.46	1.4	3.5	0.075
Cadmium	Total	(mg/kg)	39	0.99[a]	1.8	1.2	0.91	4.1	3.2	0.14
Chromium, Trivalent	Total	(mg/kg)	1,400	43.4[a]	71	52	12	100	59	4.8
Chromium, Hexavalent	Total	(mg/kg)	390	43.4[a]						
Copper	Total	(mg/kg)	3,100	31.6[a]	1200	830	180	740	1500	19
Lead	Total	(mg/kg)	150	35.8[a]	340	250	140	590	140	23
Nickel	Total	(mg/kg)	1,000	22.7[a]	48	32	20	120	810	10
Selenium	Total	(mg/kg)	390	NE	3.2	3.3	1.8	<2.7	<2.0	<0.54
Silver	Total	(mg/kg)	200	NE	120	120	15	95	24	2.9
Thallium	Total	(mg/kg)	5.5	NE	<0.58	<0.44	<0.44	<1.4	<1.0	<0.27
Zinc	Total	(mg/kg)	6,000	121[a]	570	410	200	770	1200	34
Mercury	Total	(mg/kg)	23	0.18[a]	0.30	0.20	0.087	1.3	0.20	0.031
TPH	Total	(mg/kg)	500	NE	1900	1300	2600	1700	740	370
Acetone	Total	(ug/kg)	7,800,000	8.7[d]	<52	<42	<39	870	<4600	<48
Acrylonitrile	Total	(ug/kg)	NE	NE	<65	<49	<49	<760	<5700	<60
Benzene	Total	(ug/kg)	2,500	57[e]	<13	<9.9	<9.8	<150	<1100	<12
Bromobenzene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
Bromochloromethane	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
Bromodichloromethane	Total	(ug/kg)	10,000	NE	<13	<9.9	<9.8	<150	<1100	<12
Bromoform	Total	(ug/kg)	81,000	650[d,e]	<13	<9.9	<9.8	<150	<1100	<12
Bromomethane	Total	(ug/kg)	800	NE	<26	<20	<20	<300	<2300	<24
2-Butanone (MEK)	Total	(ug/kg)	10,000,000	NE	<26	<20	<20	<300	<2300	<24
n-Butylbenzene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
sec-Butylbenzene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
tert-Butylbenzene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
Carbon Disulfide	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
Carbon tetrachloride	Total	(ug/kg)	1,500	47[d]	<13	<9.9	<9.8	<150	<1100	<12

Table 5
Summary of Analytical Results for Sediment
Former Gorham Manufacturing Facility
Providence, Rhode Island
April 2006

CONSTITUENT	P/F	UNITS	Res DEC	Ecological Screening Criteria	SD-1001 699051228-10 12/28/2005 1.00 Primary	SD-1001 699051228-11 12/28/2005 1.00 Duplicate 1	SD-1002 699051228-09 12/28/2005 1.00 Primary	SD-1003 699051228-08 12/28/2005 1.00 Primary	SD-1004 699051228-06 12/28/2005 1.00 Primary	SD-1005 699051228-07 12/28/2005 1.00 Primary
Chlorobenzene	Total	(ug/kg)	210,000	410[d]	<13	<9.9	<9.8	<150	<1100	<12
Chloroethane	Total	(ug/kg)	NE	NE	<26	<20	<20	<300	<2300	<24
Chloroform	Total	(ug/kg)	1,200	22[d]	<13	<9.9	<9.8	<150	<1100	<12
Chloromethane	Total	(ug/kg)	NE	NE	<26	<20	<20	<300	<2300	<24
2-Chlorotoluene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
4-Chlorotoluene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
1,2-Dibromo-3-chloropropane (DBCP)	Total	(ug/kg)	500	NE	<13	<9.9	<9.8	<150	<1100	<12
Dibromochloromethane	Total	(ug/kg)	7,600	NE	<13	<9.9	<9.8	<150	<1100	<12
1,2-Dibromoethane	Total	(ug/kg)	10	NE	<13	<9.9	<9.8	<150	<1100	<12
Dibromomethane	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
1,2-Dichlorobenzene	Total	(ug/kg)	510,000	330[d]	<13	<9.9	<9.8	<150	<740	<12
1,3-Dichlorobenzene	Total	(ug/kg)	430,000	1700[d]	<13	<9.9	<9.8	<150	<740	<12
1,4-Dichlorobenzene	Total	(ug/kg)	27,000	340[d]	<13	<9.9	<9.8	<150	<740	<12
Dichlorodifluoromethane	Total	(ug/kg)	NE	NE	<26	<20	<20	<300	<2300	<24
1,1-Dichloroethane	Total	(ug/kg)	920,000	27[d]	<13	<9.9	<9.8	1400	<1100	<12
1,2-Dichloroethane	Total	(ug/kg)	900	250[d]	<13	<9.9	<9.8	<150	<1100	<12
1,1-Dichloroethene	Total	(ug/kg)	200	31[d]	<13	<9.9	<9.8	<150	<1100	14
cis-1,2-Dichloroethene	Total	(ug/kg)	630,000	400[d]	<13	<9.9	<9.8	420	<1100	16
trans-1,2-Dichloroethene	Total	(ug/kg)	1,100,000	400[d]	<13	<9.9	<9.8	<150	<1100	<12
1,2-Dichloropropane	Total	(ug/kg)	1,900	NE	<13	<9.9	<9.8	<150	<1100	<12
1,3-Dichloropropane	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
2,2-Dichloropropane	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
1,1-Dichloropropene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
cis-1,3-Dichloropropene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
Trans-1,3-Dichloropropene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
Ethylbenzene	Total	(ug/kg)	71,000	NE	<13	<9.9	<9.8	<150	<1100	<12
Hexachlorobutadiene	Total	(ug/kg)	8,200	NE	<13	<9.9	<9.8	<150	<740	<12
2-Hexanone	Total	(ug/kg)	NE	NE	<26	<20	<20	<300	<2300	<24
Isopropylbenzene	Total	(ug/kg)	27,000	NE	<13	<9.9	<9.8	<150	<1100	<12
4-Isopropyltoluene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
Methyl tert butyl ether	Total	(ug/kg)	390,000	NE	<13	<9.9	<9.8	<150	<1100	<12
4-Methyl-2-pentanone (MIBK)	Total	(ug/kg)	1,200,000	NE	<26	<20	<20	<300	<2300	<24
Methylene chloride	Total	(ug/kg)	45,000	NE	<13	<9.9	<9.8	<150	<1100	<12

Table 5
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Former Gorham Manufacturing Facility
Providence, Rhode Island
April 2006

CONSTITUENT	P/F	UNITS	Res DEC	Ecological Screening Criteria	SD-1001 699051228-10 12/28/2005 1.00 Primary	SD-1001 699051228-11 12/28/2005 1.00 Duplicate 1	SD-1002 699051228-09 12/28/2005 1.00 Primary	SD-1003 699051228-08 12/28/2005 1.00 Primary	SD-1004 699051228-06 12/28/2005 1.00 Primary	SD-1005 699051228-07 12/28/2005 1.00 Primary
Naphthalene	Total	(ug/kg)	54,000	176[a]	210	240	280	<39	<30	45
n-Propylbenzene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
Styrene	Total	(ug/kg)	13,000	NE	<13	<9.9	<9.8	<150	<1100	<12
1,2,3-Trichloropropane	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
1,1,1,2-Tetrachloroethane	Total	(ug/kg)	2,200	NE	<13	<9.9	<9.8	<150	<1100	<12
1,1,2,2-Tetrachloroethane	Total	(ug/kg)	1,300	940[e]	<13	<9.9	<9.8	<150	<1100	<12
Tetrachloroethene	Total	(ug/kg)	12,000	410[d]	<13	<9.9	<9.8	<150	<1100	<12
Toluene	Total	(ug/kg)	190,000	50[d]	<13	<9.9	<9.8	<150	<1100	<12
1,2,3-Trichlorobenzene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
1,2,4-Trichlorobenzene	Total	(ug/kg)	96,000	9200[d]	<13	<9.9	<9.8	<150	<740	<12
1,1,1-Trichloroethane	Total	(ug/kg)	540,000	30[d]	<13	<9.9	<9.8	<150	1300	300
1,1,2-Trichloroethane	Total	(ug/kg)	3,600	1200[d]	<13	<9.9	<9.8	<150	<1100	<12
Trichloroethene	Total	(ug/kg)	13,000	220[d]	<13	<9.9	<9.8	<150	5600	210
Trichlorofluoromethane	Total	(ug/kg)	NE	NE	<26	<20	<20	<300	<2300	<24
1,2,4-Trimethylbenzene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
1,3,5-Trimethylbenzene	Total	(ug/kg)	NE	NE	<13	<9.9	<9.8	<150	<1100	<12
Vinyl Chloride	Total	(ug/kg)	20	NE	<26	<20	<20	5000	<2300	<24
o-Xylene	Total	(ug/kg)	110,000	160[d]	<13	<9.9	<9.8	<150	<1100	<12
M/P-xylenes	Total	(ug/kg)	110,000	160[d]	<13	<9.9	<9.8	<150	<1100	<12
Aroclor 1016	Total	(ug/kg)	10,000	59.8[b]	<34	<26	<66	<40	<30	<16
Aroclor 1221	Total	(ug/kg)	10,000	59.8[b]	<34	<26	<66	<40	<30	<16
Aroclor 1232	Total	(ug/kg)	10,000	59.8[b]	<34	<26	<66	<40	<30	<16
Aroclor 1242	Total	(ug/kg)	10,000	59.8[b]	<34	<26	<66	<40	<30	<16
Aroclor 1248	Total	(ug/kg)	10,000	59.8[b]	<34	<26	<66	<40	<30	<16
Aroclor 1254	Total	(ug/kg)	10,000	59.8[b]	<34	<26	<66	<40	<30	<16
Aroclor 1260	Total	(ug/kg)	10,000	59.8[b]	<34	<26	<66	<40	<30	<16
Aldrin	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
alpha-BHC	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
beta-BHC	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
delta-BHC	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
gamma-BHC	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81

Table 5
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Former Gorham Manufacturing Facility
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April 2006

CONSTITUENT	P/F	UNITS	Res DEC	Ecological Screening Criteria	SD-1001 699051228-10 12/28/2005 1.00 Primary	SD-1001 699051228-11 12/28/2005 1.00 Duplicate 1	SD-1002 699051228-09 12/28/2005 1.00 Primary	SD-1003 699051228-08 12/28/2005 1.00 Primary	SD-1004 699051228-06 12/28/2005 1.00 Primary	SD-1005 699051228-07 12/28/2005 1.00 Primary
alpha-Chlordane	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
gamma-Chlordane	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
4,4'-DDD	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
4,4'-DDE	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
4,4'-DDT	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
Dieldrin	Total	(ug/kg)	40	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
Endosulfan II	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
Endrin aldehyde	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
Endosulfan I	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
Endosulfan sulfate	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
Endrin	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
Endrin ketone	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
Heptachlor	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
Heptachlor epoxide	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
Methoxychlor	Total	(ug/kg)	NE	NE	<1.7	<1.3	<1.3	<4.0	<3.0	<0.81
Toxaphene	Total	(ug/kg)	NE	NE	<86	<65	<66	<200	<150	<40
Azobenzene	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
Acenaphthene	Total	(ug/kg)	43,000	NE	250	59	260	<39	<30	24
Acenaphthylene	Total	(ug/kg)	23,000	NE	70	300	26	<39	<30	<7.9
Aniline	Total	(ug/kg)	NE	NE	<880	<660	<660	<2000	<1500	<390
Anthracene	Total	(ug/kg)	35,000	57.2[b]	830	1000	360	110	40	79
Benzo(a)anthracene	Total	(ug/kg)	900	31.7[f]	2000	1800	690	290	160	150
Benzo(a)pyrene	Total	(ug/kg)	400	31.9[f]	1800	1700	590	240	150	120
Benzo(b)fluoranthene	Total	(ug/kg)	900	NE	2900	2300	860	340	250	170
Benzo(g,h,i)perylene	Total	(ug/kg)	800	170[g]	730	620	260	110	88	46
Benzo(k)fluoranthene	Total	(ug/kg)	900	240[g]	970	930	250	180	110	65
Benzoic acid	Total	(ug/kg)	NE	NE	<2200	<1600	<1600	<4900	<3700	<980
Benzyl alcohol	Total	(ug/kg)	NE	NE	<880	<660	<660	<2000	<1500	<390
Butylbenzylphthalate	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
Bis(2-chloroethoxy)methane	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
Bis(2-chloroethyl)ether	Total	(ug/kg)	600	NE	<440	<330	<330	<990	<740	<200
Bis(2-chloroisopropyl)ether	Total	(ug/kg)	9,100	NE	<880	<660	<660	<2000	<1500	<390
bis(2-Ethylhexyl)phthalate	Total	(ug/kg)	46,000	89,000[d]	<440	<330	<330	<990	<740	<200

Table 5
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CONSTITUENT	P/F	UNITS	Res DEC	Ecological Screening Criteria	SD-1001 699051228-10 12/28/2005 1.00 Primary	SD-1001 699051228-11 12/28/2005 1.00 Duplicate 1	SD-1002 699051228-09 12/28/2005 1.00 Primary	SD-1003 699051228-08 12/28/2005 1.00 Primary	SD-1004 699051228-06 12/28/2005 1.00 Primary	SD-1005 699051228-07 12/28/2005 1.00 Primary
4-Bromophenylphenyl ether	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
4-Chloro-3-methylphenol	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
4-Chloroaniline	Total	(ug/kg)	310,000	NE	<880	<660	<660	<2000	<1500	<390
2-Chloronaphthalene	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
2-Chlorophenol	Total	(ug/kg)	50,000	NE	<440	<330	<330	<990	<740	<200
4-Chlorophenyl phenyl ether	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
Chrysene	Total	(ug/kg)	400	166[a]	2400	2200	840	430	240	160
Dibenzo(a,h)anthracene	Total	(ug/kg)	400	6.22[h]	220	130	<13	<39	<30	<7.9
Di-n-butylphthalate	Total	(ug/kg)	NE	NE	480	<330	<330	1100	<740	<200
Di-n-octylphthalate	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
Dibenzofuran	Total	(ug/kg)	NE	NE	<880	<660	<660	<2000	<1500	<390
3,3-Dichlorobenzidine	Total	(ug/kg)	1,400	NE	<440	<330	<330	<990	<740	<200
2,4-Dichlorophenol	Total	(ug/kg)	30,000	NE	<440	<330	<330	<990	<740	<200
Diethyl phthalate	Total	(ug/kg)	340,000	600[d]	<440	<330	<330	<990	<740	<200
Dimethyl phthalate	Total	(ug/kg)	1,900,000	NE	<440	<330	<330	<990	<740	<200
2,4-Dimethylphenol	Total	(ug/kg)	1,400,000	NE	<440	<330	<330	<990	<740	<200
2,4-Dinitrophenol	Total	(ug/kg)	160,000	NE	<440	<330	<330	<990	<740	<200
2,4-Dinitrotoluene	Total	(ug/kg)	900	NE	<440	<330	<330	<990	<740	<200
2,6-Dinitrotoluene	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
Fluoranthene	Total	(ug/kg)	20,000	423[a]	4300	<13	1600	710	450	390
Fluorene	Total	(ug/kg)	28,000	77.4[a]	<18	<13	22	81	36	25
Hexachlorobenzene	Total	(ug/kg)	400	NE	<440	<330	<330	<990	<740	<200
Hexachlorocyclopentadiene	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
Hexachloroethane	Total	(ug/kg)	46,000	NE	<440	<330	<330	<990	<740	<200
Indeno(1,2,3-cd)pyrene	Total	(ug/kg)	900	200[g]	740	30	220	110	<30	46
Isophorone	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
4,6-Dinitro-o-cresol	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
2-Methylnaphthalene	Total	(ug/kg)	123,000	130[d]	<440	<330	<330	<990	<740	<200
2-Methylphenol	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
3&4-Methylphenol	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
2-Nitroaniline	Total	(ug/kg)	NE	NE	<880	<660	<660	<2000	<1500	<390
3-Nitroaniline	Total	(ug/kg)	NE	NE	<880	<660	<660	<2000	<1500	<390
4-Nitroaniline	Total	(ug/kg)	NE	NE	<880	<660	<660	<2000	<1500	<390

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CONSTITUENT	P/F	UNITS	Res DEC	Ecological Screening Criteria	SD-1001 699051228-10 12/28/2005 1.00 Primary	SD-1001 699051228-11 12/28/2005 1.00 Duplicate 1	SD-1002 699051228-09 12/28/2005 1.00 Primary	SD-1003 699051228-08 12/28/2005 1.00 Primary	SD-1004 699051228-06 12/28/2005 1.00 Primary	SD-1005 699051228-07 12/28/2005 1.00 Primary
Nitrobenzene	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
2-Nitrophenol	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
4-Nitrophenol	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
N-Nitrosodi-n-propylamine	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
N-Nitrosodimethylamine	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
N-Nitrosodiphenylamine	Total	(ug/kg)	NE	NE	<440	<330	<330	<990	<740	<200
Pentachlorophenol	Total	(ug/kg)	5,300	NE	<880	<660	<660	<2000	<1500	<390
Phenanthrene	Total	(ug/kg)	40,000	204[a]	4000	4200	2100	480	230	410
Phenol	Total	(ug/kg)	6,000,000	NE	<440	<330	<330	<990	<740	<200
Pyrene	Total	(ug/kg)	13,000	53[h]	5300	5300	2300	760	450	400
2,4,5-Trichlorophenol	Total	(ug/kg)	330,000	NE	<440	<330	<330	<990	<740	<200
2,4,6-Trichlorophenol	Total	(ug/kg)	58,000	NE	<440	<330	<330	<990	<740	<200
2,3,7,8-TCDD	Total	(pg/g)	NE	NE	5.3	1.9	2.5	9.5	9.2	0.98
TOTAL TCDD	Total	(pg/g)	NE	NE	77	30	45	120	110	11
1,2,3,7,8-PeCDD	Total	(pg/g)	NE	NE	9.7	4.9	7.4	31	33	<3.0
TOTAL PeCDD	Total	(pg/g)	NE	NE	74	35	56	310	290	22
1,2,3,4,7,8-HxCDD	Total	(pg/g)	NE	NE	4.9	<4.0	6.1	16	<14	<1.8
1,2,3,6,7,8-HxCDD	Total	(pg/g)	NE	NE	13	10	12	42	39	4.7
1,2,3,7,8,9-HxCDD	Total	(pg/g)	NE	NE	8.2	5.1	8.0	21	20	<2.7
TOTAL HxCDD	Total	(pg/g)	NE	NE	120	91	130	490	420	48
1,2,3,4,6,7,8-HpCDD	Total	(pg/g)	NE	NE	110	110	59	130	140	17
TOTAL HpCDD	Total	(pg/g)	NE	NE	200	210	120	270	260	36
OCDD	Total	(pg/g)	NE	NE	750	660	240	420	480	77
2,3,7,8-TCDF	Total	(pg/g)	NE	NE	18	13	15	27	29	4.3
TOTAL TCDF	Total	(pg/g)	NE	NE	290	240	290	1300	1300	170
1,2,3,7,8-PeCDF	Total	(pg/g)	NE	NE	16	13	28	60	55	8.3
2,3,4,7,8-PeCDF	Total	(pg/g)	NE	NE	36	31	43	160	170	23
TOTAL PeCDF	Total	(pg/g)	NE	NE	680	640	880	5100	5400	750
1,2,3,4,7,8-HxCDF	Total	(pg/g)	NE	NE	30	34	57	170	110	17
1,2,3,6,7,8-HxCDF	Total	(pg/g)	NE	NE	37	35	59	230	260	33
2,3,4,6,7,8-HxCDF	Total	(pg/g)	NE	NE	36	37	51	180	220	28
1,2,3,7,8,9-HxDF	Total	(pg/g)	NE	NE	<3.1	<5.1	<2.8	8.6	<7.1	<0.91
TOTAL HxCDF	Total	(pg/g)	NE	NE	780	790	1000	5500	5800	790
1,2,3,4,6,7,8-HpCDF	Total	(pg/g)	NE	NE	92	110	160	270	210	30

Table 5
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CONSTITUENT	P/F	UNITS	Res DEC	Ecological Screening Criteria	SD-1001 699051228-10 12/28/2005 1.00 Primary	SD-1001 699051228-11 12/28/2005 1.00 Duplicate 1	SD-1002 699051228-09 12/28/2005 1.00 Primary	SD-1003 699051228-08 12/28/2005 1.00 Primary	SD-1004 699051228-06 12/28/2005 1.00 Primary	SD-1005 699051228-07 12/28/2005 1.00 Primary
1,2,3,4,7,8,9-HpCDF	Total	(pg/g)	NE	NE	9.9	11	14	49	47	4.1
TOTAL HpCDF	Total	(pg/g)	NE	NE	180	200	240	620	550	73
OCDF	Total	(pg/g)	NE	NE	75	83	190	190	70	7.6

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Table 6
Summary of Analytical Results for Soil
Former Gorham Manufacturing Facility
Providence, Rhode Island
April 2006

CONSTITUENT	P/F	UNITS	Res DEC	I/C DEC	GB Leachability Criteria	SS-1001 743051228-01 12/28/2005 0.50 Primary	SS-1002 743051228-02 12/28/2005 0.50 Primary	SS-1003 743051228-03 12/28/2005 0.50 Primary	SS-1004 743051228-04 12/28/2005 0.50 Primary	SS-1005 743051228-17 12/28/2005 0.50 Primary	SS-1005 743051228-18 12/28/2005 0.50 Duplicate 1
Cyanide	Total	(mg/kg)	200	10,000	NE	<0.53	<0.58	<0.99	<0.54	<0.61	<0.63
Antimony	Total	(mg/kg)	10	820	NE	3.2	3.3	2.4	<0.48	4.9	4.8
Arsenic	Total	(mg/kg)	7	7	NE	<4.7	6.6	2.1	2.1	11	11
Barium	Total	(mg/kg)	5,500	10,000	NE	380	180	510	18	3000	2900
Beryllium	Total	(mg/kg)	0.4	1.3	NE	1.4	1.0	0.56	0.21	0.28	0.24
Cadmium	Total	(mg/kg)	39	1,000	NE	5.7	1.4	7.8	0.18	1.0	0.94
Chromium, Trivalent	Total	(mg/kg)	1,400	10,000	NE	92	32	64	23	610	590
Chromium, Hexavalent	Total	(mg/kg)	390	10,000	NE						
Copper	Total	(mg/kg)	3,100	10,000	NE	2200	410	1200	68	4400	5200
Lead	Total	(mg/kg)	150	500	NE	14000	390	2900	45	160	150
Nickel	Total	(mg/kg)	1,000	10,000	NE	290	390	91	14	180	170
Selenium	Total	(mg/kg)	390	10,000	NE	<0.47	<0.52	<0.89	<0.48	<0.55	<0.57
Silver	Total	(mg/kg)	200	10,000	NE	85	110	250	4.3	140	140
Thallium	Total	(mg/kg)	5.5	140	NE	43	<0.26	<0.44	<0.24	<0.28	<0.28
Zinc	Total	(mg/kg)	6,000	10,000	NE	2100	230	1400	53	1200	1100
Mercury	Total	(mg/kg)	23	610	NE	0.034	1.6	3.9	0.060	0.18	0.20
TPH	Total	(mg/kg)	500	2,500	2,500	----	----	----	----	----	----
Acetone	Total	(ug/kg)	7,800,000	10,000,000	NE	----	----	----	----	----	----
Acrylonitrile	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
Benzene	Total	(ug/kg)	2,500	200,000	4,300	----	----	----	----	----	----
Bromobenzene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
Bromochloromethane	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
Bromodichloromethane	Total	(ug/kg)	10,000	92,000	NE	----	----	----	----	----	----
Bromoform	Total	(ug/kg)	81,000	720,000	NE	----	----	----	----	----	----
Bromomethane	Total	(ug/kg)	800	2,900,000	NE	----	----	----	----	----	----
2-Butanone (MEK)	Total	(ug/kg)	10,000,000	10,000,000	NE	----	----	----	----	----	----
n-Butylbenzene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
sec-Butylbenzene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
tert-Butylbenzene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
Carbon Disulfide	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
Carbon tetrachloride	Total	(ug/kg)	1,500	44,000	5,000	----	----	----	----	----	----
Chlorobenzene	Total	(ug/kg)	210,000	10,000,000	100,000	----	----	----	----	----	----
Chloroethane	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
Chloroform	Total	(ug/kg)	1,200	940,000	NE	----	----	----	----	----	----
Chloromethane	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
2-Chlorotoluene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
4-Chlorotoluene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
1,2-Dibromo-3-chloropropane (DBCP)	Total	(ug/kg)	500	4,100	NE	----	----	----	----	----	----
Dibromochloromethane	Total	(ug/kg)	7,600	68,000	NE	----	----	----	----	----	----

Table 6
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1,2-Dibromoethane	Total	(ug/kg)	10	70	NE	----	----	----	----	----	----
Dibromomethane	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
1,2-Dichlorobenzene	Total	(ug/kg)	510,000	10,000,000	NE	<180	<2000	<1600	<180	<200	<210
1,3-Dichlorobenzene	Total	(ug/kg)	430,000	10,000,000	NE	<180	<2000	<1600	<180	<200	<210
1,4-Dichlorobenzene	Total	(ug/kg)	27,000	240,000	NE	<180	<2000	<1600	<180	<200	<210
Dichlorodifluoromethane	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
1,1-Dichloroethane	Total	(ug/kg)	920,000	10,000,000	NE	----	----	----	----	----	----
1,2-Dichloroethane	Total	(ug/kg)	900	63,000	2,300	----	----	----	----	----	----
1,1-Dichloroethene	Total	(ug/kg)	200	9,500	700	----	----	----	----	----	----
cis-1,2-Dichloroethene	Total	(ug/kg)	630,000	10,000,000	60,000	----	----	----	----	----	----
Trans-1,2-Dichloroethene	Total	(ug/kg)	1,100,000	10,000,000	92,000	----	----	----	----	----	----
1,2-Dichloropropane	Total	(ug/kg)	1,900	84,000	70,000	----	----	----	----	----	----
1,3-Dichloropropane	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
2,2-Dichloropropane	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
1,1-Dichloropropene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
cis-1,3-Dichloropropene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
Trans-1,3-Dichloropropene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
Ethylbenzene	Total	(ug/kg)	71,000	10,000,000	62,000	----	----	----	----	----	----
Hexachlorobutadiene	Total	(ug/kg)	8,200	73,000	NE	<180	<2000	<1600	<180	<200	<210
2-Hexanone	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
Isopropylbenzene	Total	(ug/kg)	27,000	10,000,000	NE	----	----	----	----	----	----
4-Isopropyltoluene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
Methyl tert butyl ether	Total	(ug/kg)	390,000	10,000,000	100,000	----	----	----	----	----	----
4-Methyl-2-pentanone (MIBK)	Total	(ug/kg)	1,200,000	10,000,000	NE	----	----	----	----	----	----
Methylene chloride	Total	(ug/kg)	45,000	760,000	NE	----	----	----	----	----	----
Naphthalene	Total	(ug/kg)	54,000	10,000,000	NE	69	7900	1100	33	49	42
n-Propylbenzene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
Styrene	Total	(ug/kg)	13,000	190,000	64,000	----	----	----	----	----	----
1,2,3-Trichloropropane	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
1,1,1,2-Tetrachloroethane	Total	(ug/kg)	2,200	220,000	NE	----	----	----	----	----	----
1,1,2,2-Tetrachloroethane	Total	(ug/kg)	1,300	29,000	NE	----	----	----	----	----	----
Tetrachloroethene	Total	(ug/kg)	12,000	110,000	4,200	----	----	----	----	----	----
Toluene	Total	(ug/kg)	190,000	10,000,000	54,000	----	----	----	----	----	----
1,2,3-Trichlorobenzene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
1,2,4-Trichlorobenzene	Total	(ug/kg)	96,000	10,000,000	NE	<180	<2000	<1600	<180	<200	<210
1,1,1-trichloroethane	Total	(ug/kg)	540,000	10,000,000	160,000	----	----	----	----	----	----
1,1,2-Trichloroethane	Total	(ug/kg)	3,600	100,000	NE	----	----	----	----	----	----
Trichloroethene	Total	(ug/kg)	13,000	520,000	20,000	----	----	----	----	----	----
Trichlorofluoromethane	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----

Table 6
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1,2,4-Trimethylbenzene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
1,3,5-Trimethylbenzene	Total	(ug/kg)	NE	NE	NE	----	----	----	----	----	----
Vinyl Chloride	Total	(ug/kg)	20	3,000	NE	----	----	----	----	----	----
o-Xylene	Total	(ug/kg)	110,000	10,000,000	NE	----	----	----	----	----	----
M/P-xylenes	Total	(ug/kg)	110,000	10,000,000	NE	----	----	----	----	----	----
Aroclor 1016	Total	(ug/kg)	10,000	10,000	10,000	<7.0	<7.6	<13	<7.2	<8.2	<8.4
Aroclor 1221	Total	(ug/kg)	10,000	10,000	10,000	<7.0	<7.6	<13	<7.2	<8.2	<8.4
Aroclor 1232	Total	(ug/kg)	10,000	10,000	10,000	<7.0	<7.6	<13	<7.2	<8.2	<8.4
Aroclor 1242	Total	(ug/kg)	10,000	10,000	10,000	<7.0	<7.6	<13	<7.2	<8.2	<8.4
Aroclor 1248	Total	(ug/kg)	10,000	10,000	10,000	<7.0	<7.6	<13	<7.2	<8.2	<8.4
Aroclor 1254	Total	(ug/kg)	10,000	10,000	10,000	<7.0	<7.6	<13	<7.2	<8.2	<8.4
Aroclor 1260	Total	(ug/kg)	10,000	10,000	10,000	<7.0	<7.6	<13	<7.2	22	23
Aldrin	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
alpha-BHC	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
beta-BHC	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
delta-BHC	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
gamma-BHC	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
alpha-Chlordane	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	2.5	4.4	2.7
gamma-Chlordane	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	1.6	4.0	2.8
4,4'-DDD	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
4,4'-DDE	Total	(ug/kg)	NE	NE	NE	<0.70	5.3	<1.3	29	2.7	2.3
4,4'-DDT	Total	(ug/kg)	NE	NE	NE	<0.70	22	<1.3	69	4.2	3.0
Dieldrin	Total	(ug/kg)	40	400	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
Endosulfan II	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
Endrin aldehyde	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
Endosulfan I	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
Endosulfan sulfate	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
Endrin	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
Endrin ketone	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
Heptachlor	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
Heptachlor epoxide	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
Methoxychlor	Total	(ug/kg)	NE	NE	NE	<0.70	<0.76	<1.3	<0.72	<0.82	<0.84
Toxaphene	Total	(ug/kg)	NE	NE	NE	<35	<38	<66	<36	<41	<42
Azobenzene	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
Acenaphthene	Total	(ug/kg)	43,000	10,000,000	NE	41	6600	880	10	33	20
Acenaphthylene	Total	(ug/kg)	23,000	10,000,000	NE	10	130	<66	27	50	37
Aniline	Total	(ug/kg)	NE	NE	NE	<350	<3900	<3300	<360	<400	<420
Anthracene	Total	(ug/kg)	35,000	10,000,000	NE	140	9500	2000	62	140	80
Benzo(a)anthracene	Total	(ug/kg)	900	7,800	NE	640	15000	2900	420	510	370

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Benzo(a)pyrene	Total	(ug/kg)	400	800	NE	640	13000	2200	470	450	350
Benzo(b)fluoranthene	Total	(ug/kg)	900	7,800	NE	1100	20000	3000	680	830	570
Benzo(g,h,i)perylene	Total	(ug/kg)	800	10,000,000	NE	270	6100	1400	220	240	180
Benzo(k)fluoranthene	Total	(ug/kg)	900	78,000	NE	320	4800	1300	220	220	230
Benzoic acid	Total	(ug/kg)	NE	NE	NE	<880	<9800	<8300	<890	<1000	<1000
Benzyl alcohol	Total	(ug/kg)	NE	NE	NE	<350	<3900	<3300	<360	<400	<420
Butylbenzylphthalate	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
Bis(2-chloroethoxy)methane	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
Bis(2-chloroethyl)ether	Total	(ug/kg)	600	5,200	NE	<180	<2000	<1600	<180	<200	<210
Bis(2-chloroisopropyl)ether	Total	(ug/kg)	9,100	82,000	NE	<350	<3900	<3300	<360	<400	<420
bis(2-Ethylhexyl)phthalate	Total	(ug/kg)	46,000	410,000	NE	<180	<2000	<1600	<180	<200	<210
4-Bromophenylphenyl ether	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
4-Chloro-3-methylphenol	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
4-Chloroaniline	Total	(ug/kg)	310,000	8,200,000	NE	<350	<3900	<3300	<360	<400	<420
2-Chloronaphthalene	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
2-Chlorophenol	Total	(ug/kg)	50,000	10,000,000	NE	<180	<2000	<1600	<180	<200	<210
4-Chlorophenyl phenyl ether	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
Chrysene	Total	(ug/kg)	400	780,000	NE	740	14000	3000	440	560	450
Dibenzo(a,h)anthracene	Total	(ug/kg)	400	800	NE	60	1300	280	62	39	54
Di-n-butylphthalate	Total	(ug/kg)	NE	NE	NE	<350	<3900	<3300	<360	36000	<420
Di-n-octylphthalate	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
Dibenzofuran	Total	(ug/kg)	NE	NE	NE	<350	<3900	<3300	<360	<400	<420
3,3-Dichlorobenzidine	Total	(ug/kg)	1,400	13,000	NE	<180	<2000	<1600	<180	<200	<210
2,4-Dichlorophenol	Total	(ug/kg)	30,000	6,100,000	NE	<180	<2000	<1600	<180	<200	<210
Diethyl phthalate	Total	(ug/kg)	340,000	10,000,000	NE	<180	<2000	<1600	<180	<200	<210
Dimethyl phthalate	Total	(ug/kg)	1,900,000	10,000,000	NE	<180	<2000	<1600	<180	<200	<210
2,4-Dimethylphenol	Total	(ug/kg)	1,400,000	10,000,000	NE	<180	<2000	<1600	<180	<200	<210
2,4-Dinitrophenol	Total	(ug/kg)	160,000	4,100,000	NE	<180	<2000	<1600	<180	<200	<210
2,4-Dinitrotoluene	Total	(ug/kg)	900	8,400	NE	<180	<2000	<1600	<180	<200	<210
2,6-Dinitrotoluene	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
Fluoranthene	Total	(ug/kg)	20,000	10,000,000	NE	1000	34000	7100	700	1000	770
Fluorene	Total	(ug/kg)	28,000	10,000,000	NE	39	5500	1000	14	49	32
Hexachlorobenzene	Total	(ug/kg)	400	3,600	NE	<180	<2000	<1600	<180	<200	<210
Hexachlorocyclopentadiene	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
Hexachloroethane	Total	(ug/kg)	46,000	410,000	NE	<180	<2000	<1600	<180	<200	<210
Indeno(1,2,3-cd)pyrene	Total	(ug/kg)	900	7,800	NE	240	5400	1000	<7.1	190	140
Isophorone	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
4,6-Dinitro-o-cresol	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
2-Methylnaphthalene	Total	(ug/kg)	123,000	10,000,000	NE	<180	2200	<1600	<180	<200	<210

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2-Methylphenol	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
3&4-Methylphenol	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
2-Nitroaniline	Total	(ug/kg)	NE	NE	NE	<350	<3900	<3300	<360	<400	<420
3-Nitroaniline	Total	(ug/kg)	NE	NE	NE	<350	<3900	<3300	<360	<400	<420
4-Nitroaniline	Total	(ug/kg)	NE	NE	NE	<350	<3900	<3300	<360	<400	<420
Nitrobenzene	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
2-Nitrophenol	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
4-Nitrophenol	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
N-Nitrosodi-n-propylamine	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
N-Nitrosodimethylamine	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
N-Nitrosodiphenylamine	Total	(ug/kg)	NE	NE	NE	<180	<2000	<1600	<180	<200	<210
Pentachlorophenol	Total	(ug/kg)	5,300	48,000	NE	<350	<3900	<3300	<360	<400	<420
Phenanthrene	Total	(ug/kg)	40,000	10,000,000	NE	740	36000	9000	240	710	480
Phenol	Total	(ug/kg)	6,000,000	10,000,000	NE	<180	<2000	<1600	<180	<200	<210
Pyrene	Total	(ug/kg)	13,000	10,000,000	NE	1600	35000	8100	1100	1600	970
2,4,5-Trichlorophenol	Total	(ug/kg)	330,000	10,000,000	NE	<180	<2000	<1600	<180	<200	<210
2,4,6-Trichlorophenol	Total	(ug/kg)	58,000	520,000	NE	<180	<2000	<1600	<180	<200	<210
2,3,7,8-TCDD	Total	(pg/g)	NE	NE	NE	<0.66	1.5	21	<0.58	1.0	1.1
TOTAL TCDD	Total	(pg/g)	NE	NE	NE	<0.66	17	420	<0.58	41	52
1,2,3,7,8-PeCDD	Total	(pg/g)	NE	NE	NE	<0.92	4.8	71	<0.91	5.4	7.2
TOTAL PeCDD	Total	(pg/g)	NE	NE	NE	<0.92	28	850	<0.91	72	93
1,2,3,4,7,8-HxCDD	Total	(pg/g)	NE	NE	NE	<1.6	4.4	56	<1.1	4.8	7.3
1,2,3,6,7,8-HxCDD	Total	(pg/g)	NE	NE	NE	<1.5	9.7	100	<1.0	8.8	13
1,2,3,7,8,9-HxCDD	Total	(pg/g)	NE	NE	NE	<1.5	8.1	70	<0.98	8.8	9.0
TOTAL HxCDD	Total	(pg/g)	NE	NE	NE	<1.6	95	1200	<1.3	120	160
1,2,3,4,6,7,8-HpCDD	Total	(pg/g)	NE	NE	NE	<2.0	150	680	7.5	150	210
TOTAL HpCDD	Total	(pg/g)	NE	NE	NE	<2.0	280	1300	14	280	390
OCDD	Total	(pg/g)	NE	NE	NE	11	1200	1700	120	1100	1300
2,3,7,8-TCDF	Total	(pg/g)	NE	NE	NE	<0.37	11	310	0.76	3.8	6.0
TOTAL TCDF	Total	(pg/g)	NE	NE	NE	3.6	110	2600	6.1	50	50
1,2,3,7,8-PeCDF	Total	(pg/g)	NE	NE	NE	<0.63	10	230	<0.71	<2.9	<2.7
2,3,4,7,8-PeCDF	Total	(pg/g)	NE	NE	NE	<0.80	20	410	<2.2	5.5	6.3
TOTAL PeCDF	Total	(pg/g)	NE	NE	NE	<2.2	240	5200	7.6	58	52
1,2,3,4,7,8-HxCDF	Total	(pg/g)	NE	NE	NE	<1.7	29	450	<2.4	5.3	5.1
1,2,3,6,7,8-HxCDF	Total	(pg/g)	NE	NE	NE	<1.6	24	400	<1.4	4.2	4.0
2,3,4,6,7,8-HxCDF	Total	(pg/g)	NE	NE	NE	<1.7	25	460	<2.2	4.3	4.7
1,2,3,7,8,9-HxDF	Total	(pg/g)	NE	NE	NE	<1.8	<2.5	25	<1.4	<1.1	<1.4
TOTAL HxCDF	Total	(pg/g)	NE	NE	NE	<2.5	340	5000	12	55	59
1,2,3,4,6,7,8-HpCDF	Total	(pg/g)	NE	NE	NE	<2.2	150	1400	6.2	16	19

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1,2,3,4,7,8,9-HpCDF	Total	(pg/g)	NE	NE	NE	<1.1	16	160	<0.68	<1.9	<2.4
TOTAL HpCDF	Total	(pg/g)	NE	NE	NE	<2.2	250	2100	9.9	33	40
OCDF	Total	(pg/g)	NE	NE	NE	<2.0	180	590	<4.7	19	24

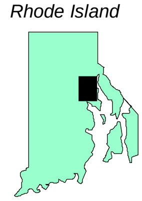
FIGURES

Figure 1: Site Location Map
Figure 2: Sampling Locations

N

MAP REFERENCE:
THIS MAP WAS PREPARED FROM THE FOLLOWING
7.5 MINUTE SERIES TOPOGRAPHIC MAP:
PROVIDENCE, RHODE ISLAND 1957
PHOTOREVISED 1970 AND 1975

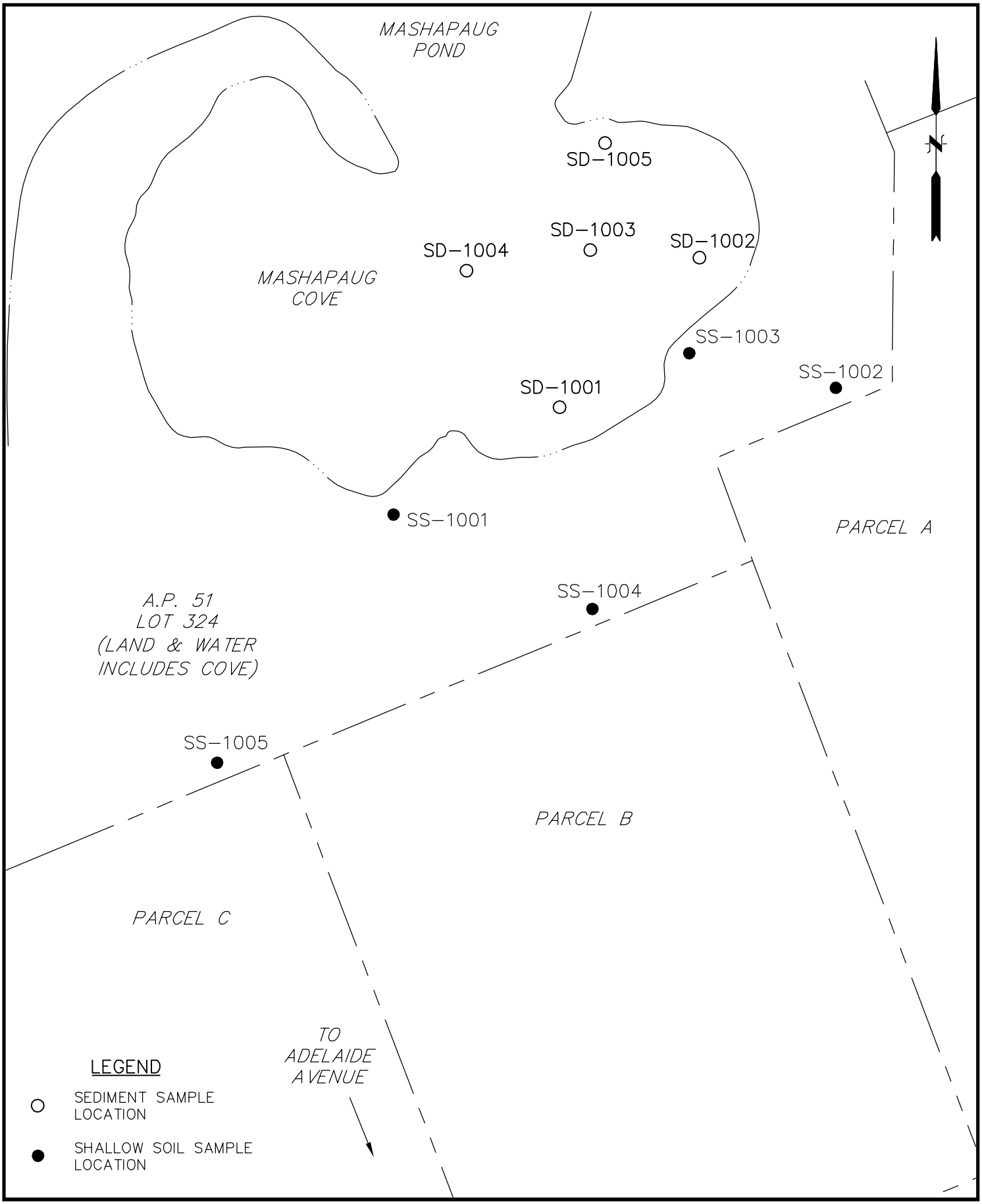
Rhode Island



Quadrangle Location

\\HQFS1\SYS\P2005\1057\Limited SIR\Figure_1.ppt

0 1000 2000 GRAPHIC SCALE SCALE: 1"=2000'	FUSS & O'NEILL *Disciplines to Deliver* 275 Promenade Street, Providence RI – Suite 350 401-861-3070 www.FandO.com	**SITE LOCATION MAP** FORMER GORHAM PROPERTY & MASHAPAUG COVE PROVIDENCE RHODE ISLAND	PROJ. No: 20051057A10 DATE: APRIL 2006 FIGURE 1



SCALE: HORZ.: 1" = 1' VERT.: DATUM: HORZ.: VERT.:	FUSS & O'NEILL *Discipline® to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02908 401.861.3070 www.FandO.com	SAMPLING LOCATIONS FORMER GORHAM SITE AND MASHAPAUG COVE SHORT-TERM LIMITED SITE INVESTIGATION PROVIDENCE RHODE ISLAND	PROJ. No.: 20051057.A10 DATE: APRIL 2006 FIGURE 2

File Path: \\Rifs1\sys\Dwg\P2005\1057\A10\Plan\0510 57A10SP001.dwg, Layout: 8.5x11-P_RI Wed, Apr 05, 2006 - 10:26 AM User: JWilson

UCS: MS VIEW: LMAN: CTB:

APPENDIX A

Laboratory Analytical Data – Premier and STL (Electronic Format)

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

ANALYTICAL DATA REPORT

Report Number: E512E71
Project: 20051057.A10/Gorham

prepared for:

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Received Date: 12/29/2005
Report Date: 3/10/2006

Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246), CT (PH-0465), MA (M-CT008)
ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246)

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E512E71
Client: Fuss & O'Neill
Project: 20051057.A10/Gorham

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory received eight samples from Fuss & O'Neill on 12/29/2005. The samples were analyzed from the following list of analyses:

Cyanide, Total, by 9012 in GW/SW
9012[9012]
PCB's by 8082 in GW/SW
8082[3500]
Semivolatiles by 8270C for GW/SW
8270C[3500]
Trace Priority Pollutant (13) Metals in Soil
6010B[3000], 7471[7471]
Volatiles by 8260B in GW/SW
8260B
Mercury by 7471 in SW
Moisture, Percent
Pesticides by 8081A in GW/SW
8081A[3500]
TPH by 8100M
8100[8100]
Trace Priority Pollutant (13) Metals in Water
6010B[3000], 7470A[245.1]

Variances:

SDG:

None reported.

Method:

None reported.

QA/QC:

Sample 1A, 699051228-06, Pesticides by 8081A: One surrogate spike was outside quality control limits for the sample on the confirmation column , due to matrix interference. Both surrogates were within limits for the primary column.

Sample 1A, 699051228-06, Trace Metals by 6010B: The batch matrix spike/ matrix spike duplicate recoveries for Cr, Cu, and Ni were outside of the established control limits due to matrix interference. The associated LCS recoveries were within the established quality control limits.

Sample 2A, 699051228-07, PCB's by 8082: One surrogate spike was outside quality control limits for the sample on the confirmation column , due to matrix interference. Both surrogates were within limits for the primary column.

Premier
Laboratory, LLC

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860-774-6814 800-932-1150

Report No: E512E71
Client: Fuss & O'Neill
Project: 20051057.A10/Gorham

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY (continued)

QA/QC (continued):

Sample 3A, 699051228-08, Semivolatiles by SW-846 8270C: One internal standard was outside quality control limits for the sample due to matrix interference.

Sample 4A, 699051228-09, Semivolatiles by SW-846 8270C: One internal standard was outside quality control limits for the sample due to matrix interference.

Sample 5A, 699051228-10, Semivolatiles by SW-846 8270C: Two internal standard areas were outside quality control limits for the sample due to matrix interference.

Sample 6A, 699051228-11, Semivolatiles by SW-846 8270C: Two internal standard areas were outside quality control limits for the sample due to matrix interference.

Sample 7C, 699051228-12, Pesticides by 8081A: One compound recovery for the matrix spike/ matrix spike duplicate was outside of the established control limits due to matrix interference. The associated LCS recoveries were within the established quality control limits.

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E71
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(1) 699051228-06							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	2.3	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	ND	2.0	mg/kg	01/09/06	11:42	BSZ	
Arsenic	32	2.0	mg/kg	01/09/06	11:42	BSZ	
Barium	69	2.0	mg/kg	01/09/06	11:42	BSZ	
Beryllium	3.5	0.20	mg/kg	01/09/06	11:42	BSZ	
Cadmium	3.2	0.41	mg/kg	01/09/06	11:42	BSZ	
Chromium	59	2.0	mg/kg	01/09/06	11:42	BSZ	
Copper	1500	4.1	mg/kg	01/09/06	11:42	BSZ	2
Lead	140	0.82	mg/kg	01/09/06	11:42	BSZ	
Nickel	810	2.0	mg/kg	01/09/06	11:42	BSZ	
Selenium	ND	2.0	mg/kg	01/09/06	11:42	BSZ	
Silver	24	0.41	mg/kg	01/09/06	11:42	BSZ	
Thallium	ND	1.0	mg/kg	01/09/06	11:42	BSZ	
Zinc	1200	2.0	mg/kg	01/09/06	11:42	BSZ	
Mercury by SW-846 7471 in SW	0.20	0.091	mg/kg	01/04/06		AM	
(2) 699051228-07							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.60	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	ND	0.54	mg/kg	01/09/06	11:47	BSZ	
Arsenic	3.8	0.54	mg/kg	01/09/06	11:47	BSZ	
Barium	19	0.54	mg/kg	01/09/06	11:47	BSZ	
Beryllium	0.075	0.054	mg/kg	01/09/06	11:47	BSZ	
Cadmium	0.14	0.11	mg/kg	01/09/06	11:47	BSZ	
Chromium	4.8	0.54	mg/kg	01/09/06	11:47	BSZ	
Copper	19	0.54	mg/kg	01/09/06	11:47	BSZ	
Lead	23	0.22	mg/kg	01/09/06	11:47	BSZ	
Nickel	10	0.54	mg/kg	01/09/06	11:47	BSZ	
Selenium	ND	0.54	mg/kg	01/09/06	11:47	BSZ	
Silver	2.9	0.11	mg/kg	01/09/06	11:47	BSZ	
Thallium	ND	0.27	mg/kg	01/09/06	11:47	BSZ	
Zinc	34	0.54	mg/kg	01/09/06	11:47	BSZ	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E71
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(2) 699051228-07 (continued)							
Date Collected: 12/28/2005 Matrix: Solid							
Mercury by SW-846 7471 in SW	0.031	0.024	mg/kg	01/04/06		AM	
(3) 699051228-08							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	3.0	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	ND	2.7	mg/kg	01/09/06	11:53	BSZ	
Arsenic	45	2.7	mg/kg	01/09/06	11:53	BSZ	
Barium	250	2.7	mg/kg	01/09/06	11:53	BSZ	
Beryllium	1.4	0.27	mg/kg	01/09/06	11:53	BSZ	
Cadmium	4.1	0.55	mg/kg	01/09/06	11:53	BSZ	
Chromium	100	2.7	mg/kg	01/09/06	11:53	BSZ	
Copper	740	2.7	mg/kg	01/09/06	11:53	BSZ	
Lead	590	1.1	mg/kg	01/09/06	11:53	BSZ	
Nickel	120	2.7	mg/kg	01/09/06	11:53	BSZ	
Selenium	ND	2.7	mg/kg	01/09/06	11:53	BSZ	
Silver	95	0.55	mg/kg	01/09/06	11:53	BSZ	
Thallium	ND	1.4	mg/kg	01/09/06	11:53	BSZ	
Zinc	770	2.7	mg/kg	01/09/06	11:53	BSZ	
Mercury by SW-846 7471 in SW	1.3	0.12	mg/kg	01/04/06		AM	
(4) 699051228-09							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.98	mg/kg	01/06/06		DDD	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E71
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(4) 699051228-09 (continued)							
Date Collected: 12/28/2005 Matrix: Solid							
Trace Metals by 6010B							
Antimony	1.6	0.88	mg/kg	01/09/06	11:58	BSZ	
Arsenic	12	0.88	mg/kg	01/09/06	11:58	BSZ	
Barium	76	0.88	mg/kg	01/09/06	11:58	BSZ	
Beryllium	0.46	0.088	mg/kg	01/09/06	11:58	BSZ	
Cadmium	0.91	0.18	mg/kg	01/09/06	11:58	BSZ	
Chromium	12	0.88	mg/kg	01/09/06	11:58	BSZ	
Copper	180	0.88	mg/kg	01/09/06	11:58	BSZ	
Lead	140	0.35	mg/kg	01/09/06	11:58	BSZ	
Nickel	20	0.88	mg/kg	01/09/06	11:58	BSZ	
Selenium	1.8	0.88	mg/kg	01/09/06	11:58	BSZ	
Silver	15	0.18	mg/kg	01/09/06	11:58	BSZ	
Thallium	ND	0.44	mg/kg	01/09/06	11:58	BSZ	
Zinc	200	0.88	mg/kg	01/09/06	11:58	BSZ	
Mercury by SW-846 7471 in SW	0.087	0.039	mg/kg	01/04/06		AM	
(5) 699051228-10							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	1.3	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	2.7	1.2	mg/kg	01/09/06	12:04	BSZ	
Arsenic	19	1.2	mg/kg	01/09/06	12:04	BSZ	
Barium	190	1.2	mg/kg	01/09/06	12:04	BSZ	
Beryllium	1.1	0.12	mg/kg	01/09/06	12:04	BSZ	
Cadmium	1.8	0.23	mg/kg	01/09/06	12:04	BSZ	
Chromium	71	1.2	mg/kg	01/09/06	12:04	BSZ	
Copper	1200	2.3	mg/kg	01/09/06	12:04	BSZ	2
Lead	340	0.47	mg/kg	01/09/06	12:04	BSZ	
Nickel	48	1.2	mg/kg	01/09/06	12:04	BSZ	
Selenium	3.2	1.2	mg/kg	01/09/06	12:04	BSZ	
Silver	120	0.23	mg/kg	01/09/06	12:04	BSZ	
Thallium	ND	0.58	mg/kg	01/09/06	12:04	BSZ	
Zinc	570	1.2	mg/kg	01/09/06	12:04	BSZ	
Mercury by SW-846 7471 in SW	0.30	0.052	mg/kg	01/04/06		AM	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E71
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(6) 699051228-11							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.0099	mg/kg	01/06/06	13:29	DDD	
Trace Metals by 6010B							
Antimony	1.5	0.89	mg/kg	01/09/06	12:09	BSZ	
Arsenic	14	0.89	mg/kg	01/09/06	12:09	BSZ	
Barium	130	0.89	mg/kg	01/09/06	12:09	BSZ	
Beryllium	0.71	0.089	mg/kg	01/09/06	12:09	BSZ	
Cadmium	1.2	0.18	mg/kg	01/09/06	12:09	BSZ	
Chromium	52	0.89	mg/kg	01/09/06	12:09	BSZ	
Copper	830	1.8	mg/kg	01/09/06	12:09	BSZ	2
Lead	250	0.36	mg/kg	01/09/06	12:09	BSZ	
Nickel	32	0.89	mg/kg	01/09/06	12:09	BSZ	
Selenium	3.3	0.89	mg/kg	01/09/06	12:09	BSZ	
Silver	120	0.18	mg/kg	01/09/06	12:09	BSZ	
Thallium	ND	0.44	mg/kg	01/09/06	12:09	BSZ	
Zinc	410	0.89	mg/kg	01/09/06	12:09	BSZ	
Mercury by SW-846 7471 in SW	0.20	0.040	mg/kg	01/04/06		AM	
(7) 699051228-12							
Date Collected: 12/28/2005 Matrix: Aqueous							
Cyanide, Total, by SW-846 9012	ND	0.010	mg/L	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	ND	0.010	mg/L	01/09/06		BSZ	
Arsenic	ND	0.010	mg/L	01/09/06		BSZ	
Barium	ND	0.010	mg/L	01/09/06		BSZ	
Beryllium	ND	0.0010	mg/L	01/09/06		BSZ	
Cadmium	ND	0.0020	mg/L	01/09/06		BSZ	
Chromium	ND	0.010	mg/L	01/09/06		BSZ	
Copper	0.011	0.010	mg/L	01/09/06		BSZ	
Lead	ND	0.0040	mg/L	01/09/06		BSZ	
Nickel	ND	0.010	mg/L	01/09/06		BSZ	
Selenium	ND	0.010	mg/L	01/09/06		BSZ	
Silver	ND	0.0020	mg/L	01/09/06		BSZ	
Thallium	ND	0.0050	mg/L	01/09/06		BSZ	
Zinc	0.018	0.010	mg/L	01/09/06		BSZ	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E71
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed	By	Dilution
(7) 699051228-12 (continued)						
Date Collected: 12/28/2005 Matrix: Aqueous						
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	01/03/06	AM	

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/03/06 By: GP
Method: 8260B
QC Batch#: 42103
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: M26975.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	4600
107-13-1	Acrylonitrile	ND	5700
71-43-2	Benzene	ND	1100
108-86-1	Bromobenzene	ND	1100
74-97-5	Bromochloromethane	ND	1100
75-27-4	Bromodichloromethane	ND	1100
75-25-2	Bromoform	ND	1100
74-83-9	Bromomethane	ND	2300
78-93-3	2-Butanone (MEK)	ND	2300
104-51-8	n-Butylbenzene	ND	1100
135-98-8	sec-Butylbenzene	ND	1100
98-06-6	tert-Butylbenzene	ND	1100
75-15-0	Carbon disulfide	ND	1100
56-23-5	Carbon tetrachloride	ND	1100
108-90-7	Chlorobenzene	ND	1100
75-00-3	Chloroethane	ND	2300
67-66-3	Chloroform	ND	1100
74-87-3	Chloromethane	ND	2300
95-49-8	2-Chlorotoluene	ND	1100
106-43-4	4-Chlorotoluene	ND	1100
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	1100
124-48-1	Dibromochloromethane	ND	1100
106-93-4	1,2-Dibromoethane (EDB)	ND	1100
74-95-3	Dibromomethane	ND	1100
95-50-1	1,2-Dichlorobenzene	ND	1100
541-73-1	1,3-Dichlorobenzene	ND	1100
106-46-7	1,4-Dichlorobenzene	ND	1100
75-71-8	Dichlorodifluoromethane	ND	2300
75-34-3	1,1-Dichloroethane	ND	1100
107-06-2	1,2-Dichloroethane	ND	1100
75-35-4	1,1-Dichloroethene	ND	1100
156-59-2	cis-1,2-Dichloroethene	ND	1100
156-60-5	trans-1,2-Dichloroethene	ND	1100
78-87-5	1,2-Dichloropropane	ND	1100
142-28-9	1,3-Dichloropropane	ND	1100
590-20-7	2,2-Dichloropropane	ND	1100
563-58-6	1,1-Dichloropropene	ND	1100
10061-01-5	cis-1,3-Dichloropropene	ND	1100
10061-02-6	trans-1,3-Dichloropropene	ND	1100
100-41-4	Ethylbenzene	ND	1100
87-68-3	Hexachlorobutadiene	ND	1100

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/03/06 By: GP
Method: 8260B
QC Batch#: 42103
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: M26975.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	2300
98-82-8	Isopropylbenzene	ND	1100
99-87-6	4-Isopropyltoluene	ND	1100
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1100
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2300
75-09-2	Methylene chloride	ND	1100
91-20-3	Naphthalene	ND	1100
103-65-1	n-Propylbenzene	ND	1100
100-42-5	Styrene	ND	1100
96-18-4	1,2,3-Trichloropropane	ND	1100
630-20-6	1,1,1,2-Tetrachloroethane	ND	1100
79-34-5	1,1,2,2-Tetrachloroethane	ND	1100
127-18-4	Tetrachloroethene (PCE)	ND	1100
108-88-3	Toluene	ND	1100
87-61-6	1,2,3-Trichlorobenzene	ND	1100
120-82-1	1,2,4-Trichlorobenzene	ND	1100
71-55-6	1,1,1-Trichloroethane	1300	1100
79-00-5	1,1,2-Trichloroethane	ND	1100
79-01-6	Trichloroethene (TCE)	5600	1100
75-69-4	Trichlorofluoromethane	ND	2300
95-63-6	1,2,4-Trimethylbenzene	ND	1100
108-67-8	1,3,5-Trimethylbenzene	ND	1100
75-01-4	Vinyl chloride	ND	2300
95-47-6	o-Xylene	ND	1100
	m,p-Xylenes	ND	1100

Surrogate	Recovery	Limits
Bromofluorobenzene	97%	78%-111%
Dibromofluoromethane	96%	86%-110%
1,2-Dichloroethane-d4	89%	85%-111%
Toluene-d8	103%	91%-110%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/03/06 By: GP
Method: 8260B
QC Batch#: 42101
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume:
Dilution Factor: 2
Soil Extract Volume:
Lab Data File: F27661.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	48
107-13-1	Acrylonitrile	ND	60
71-43-2	Benzene	ND	12
108-86-1	Bromobenzene	ND	12
74-97-5	Bromochloromethane	ND	12
75-27-4	Bromodichloromethane	ND	12
75-25-2	Bromoform	ND	12
74-83-9	Bromomethane	ND	24
78-93-3	2-Butanone (MEK)	ND	24
104-51-8	n-Butylbenzene	ND	12
135-98-8	sec-Butylbenzene	ND	12
98-06-6	tert-Butylbenzene	ND	12
75-15-0	Carbon disulfide	ND	12
56-23-5	Carbon tetrachloride	ND	12
108-90-7	Chlorobenzene	ND	12
75-00-3	Chloroethane	ND	24
67-66-3	Chloroform	ND	12
74-87-3	Chloromethane	ND	24
95-49-8	2-Chlorotoluene	ND	12
106-43-4	4-Chlorotoluene	ND	12
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	12
124-48-1	Dibromochloromethane	ND	12
106-93-4	1,2-Dibromoethane (EDB)	ND	12
74-95-3	Dibromomethane	ND	12
95-50-1	1,2-Dichlorobenzene	ND	12
541-73-1	1,3-Dichlorobenzene	ND	12
106-46-7	1,4-Dichlorobenzene	ND	12
75-71-8	Dichlorodifluoromethane	ND	24
75-34-3	1,1-Dichloroethane	ND	12
107-06-2	1,2-Dichloroethane	ND	12
75-35-4	1,1-Dichloroethene	14	12
156-59-2	cis-1,2-Dichloroethene	16	12
156-60-5	trans-1,2-Dichloroethene	ND	12
78-87-5	1,2-Dichloropropane	ND	12
142-28-9	1,3-Dichloropropane	ND	12
590-20-7	2,2-Dichloropropane	ND	12
563-58-6	1,1-Dichloropropene	ND	12
10061-01-5	cis-1,3-Dichloropropene	ND	12
10061-02-6	trans-1,3-Dichloropropene	ND	12
100-41-4	Ethylbenzene	ND	12
87-68-3	Hexachlorobutadiene	ND	12

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/03/06 By: GP
Method: 8260B
QC Batch#: 42101
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume:
Dilution Factor: 2
Soil Extract Volume:
Lab Data File: F27661.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	24
98-82-8	Isopropylbenzene	ND	12
99-87-6	4-Isopropyltoluene	ND	12
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	12
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	24
75-09-2	Methylene chloride	ND	12
91-20-3	Naphthalene	ND	12
103-65-1	n-Propylbenzene	ND	12
100-42-5	Styrene	ND	12
96-18-4	1,2,3-Trichloropropane	ND	12
630-20-6	1,1,1,2-Tetrachloroethane	ND	12
79-34-5	1,1,2,2-Tetrachloroethane	ND	12
127-18-4	Tetrachloroethene (PCE)	ND	12
108-88-3	Toluene	ND	12
87-61-6	1,2,3-Trichlorobenzene	ND	12
120-82-1	1,2,4-Trichlorobenzene	ND	12
71-55-6	1,1,1-Trichloroethane	300	12
79-00-5	1,1,2-Trichloroethane	ND	12
79-01-6	Trichloroethene (TCE)	210	12
75-69-4	Trichlorofluoromethane	ND	24
95-63-6	1,2,4-Trimethylbenzene	ND	12
108-67-8	1,3,5-Trimethylbenzene	ND	12
75-01-4	Vinyl chloride	ND	24
95-47-6	o-Xylene	ND	12
	m,p-Xylenes	ND	12

Surrogate	Recovery	Limits
Bromofluorobenzene	89%	78%-111%
Dibromofluoromethane	98%	86%-110%
1,2-Dichloroethane-d4	90%	85%-111%
Toluene-d8	99%	91%-110%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/03/06 By: GP
Method: 8260B
QC Batch#: 42101
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume:
Dilution Factor: 5
Soil Extract Volume:
Lab Data File: F27662.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	870	610
107-13-1	Acrylonitrile	ND	760
71-43-2	Benzene	ND	150
108-86-1	Bromobenzene	ND	150
74-97-5	Bromochloromethane	ND	150
75-27-4	Bromodichloromethane	ND	150
75-25-2	Bromoform	ND	150
74-83-9	Bromomethane	ND	300
78-93-3	2-Butanone (MEK)	ND	300
104-51-8	n-Butylbenzene	ND	150
135-98-8	sec-Butylbenzene	ND	150
98-06-6	tert-Butylbenzene	ND	150
75-15-0	Carbon disulfide	ND	150
56-23-5	Carbon tetrachloride	ND	150
108-90-7	Chlorobenzene	ND	150
75-00-3	Chloroethane	ND	300
67-66-3	Chloroform	ND	150
74-87-3	Chloromethane	ND	300
95-49-8	2-Chlorotoluene	ND	150
106-43-4	4-Chlorotoluene	ND	150
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	150
124-48-1	Dibromochloromethane	ND	150
106-93-4	1,2-Dibromoethane (EDB)	ND	150
74-95-3	Dibromomethane	ND	150
95-50-1	1,2-Dichlorobenzene	ND	150
541-73-1	1,3-Dichlorobenzene	ND	150
106-46-7	1,4-Dichlorobenzene	ND	150
75-71-8	Dichlorodifluoromethane	ND	300
75-34-3	1,1-Dichloroethane	1400	150
107-06-2	1,2-Dichloroethane	ND	150
75-35-4	1,1-Dichloroethene	ND	150
156-59-2	cis-1,2-Dichloroethene	420	150
156-60-5	trans-1,2-Dichloroethene	ND	150
78-87-5	1,2-Dichloropropane	ND	150
142-28-9	1,3-Dichloropropane	ND	150
590-20-7	2,2-Dichloropropane	ND	150
563-58-6	1,1-Dichloropropene	ND	150
10061-01-5	cis-1,3-Dichloropropene	ND	150
10061-02-6	trans-1,3-Dichloropropene	ND	150
100-41-4	Ethylbenzene	ND	150
87-68-3	Hexachlorobutadiene	ND	150

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/03/06 By: GP
Method: 8260B
QC Batch#: 42101
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume:
Dilution Factor: 5
Soil Extract Volume:
Lab Data File: F27662.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	300
98-82-8	Isopropylbenzene	ND	150
99-87-6	4-Isopropyltoluene	ND	150
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	150
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	300
75-09-2	Methylene chloride	ND	150
91-20-3	Naphthalene	ND	150
103-65-1	n-Propylbenzene	ND	150
100-42-5	Styrene	ND	150
96-18-4	1,2,3-Trichloropropane	ND	150
630-20-6	1,1,1,2-Tetrachloroethane	ND	150
79-34-5	1,1,2,2-Tetrachloroethane	ND	150
127-18-4	Tetrachloroethene (PCE)	ND	150
108-88-3	Toluene	ND	150
87-61-6	1,2,3-Trichlorobenzene	ND	150
120-82-1	1,2,4-Trichlorobenzene	ND	150
71-55-6	1,1,1-Trichloroethane	ND	150
79-00-5	1,1,2-Trichloroethane	ND	150
79-01-6	Trichloroethene (TCE)	ND	150
75-69-4	Trichlorofluoromethane	ND	300
95-63-6	1,2,4-Trimethylbenzene	ND	150
108-67-8	1,3,5-Trimethylbenzene	ND	150
75-01-4	Vinyl chloride	5000	300
95-47-6	o-Xylene	ND	150
	m,p-Xylenes	ND	150

Surrogate	Recovery	Limits
Bromofluorobenzene	89%	78%-111%
Dibromofluoromethane	102%	86%-110%
1,2-Dichloroethane-d4	93%	85%-111%
Toluene-d8	104%	91%-110%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/11/06 By: GP
Method: 8260B
QC Batch#: 42278
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: F27726.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	39
107-13-1	Acrylonitrile	ND	49
71-43-2	Benzene	ND	9.8
108-86-1	Bromobenzene	ND	9.8
74-97-5	Bromochloromethane	ND	9.8
75-27-4	Bromodichloromethane	ND	9.8
75-25-2	Bromoform	ND	9.8
74-83-9	Bromomethane	ND	20
78-93-3	2-Butanone (MEK)	ND	20
104-51-8	n-Butylbenzene	ND	9.8
135-98-8	sec-Butylbenzene	ND	9.8
98-06-6	tert-Butylbenzene	ND	9.8
75-15-0	Carbon disulfide	ND	9.8
56-23-5	Carbon tetrachloride	ND	9.8
108-90-7	Chlorobenzene	ND	9.8
75-00-3	Chloroethane	ND	20
67-66-3	Chloroform	ND	9.8
74-87-3	Chloromethane	ND	20
95-49-8	2-Chlorotoluene	ND	9.8
106-43-4	4-Chlorotoluene	ND	9.8
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	9.8
124-48-1	Dibromochloromethane	ND	9.8
106-93-4	1,2-Dibromoethane (EDB)	ND	9.8
74-95-3	Dibromomethane	ND	9.8
95-50-1	1,2-Dichlorobenzene	ND	9.8
541-73-1	1,3-Dichlorobenzene	ND	9.8
106-46-7	1,4-Dichlorobenzene	ND	9.8
75-71-8	Dichlorodifluoromethane	ND	20
75-34-3	1,1-Dichloroethane	ND	9.8
107-06-2	1,2-Dichloroethane	ND	9.8
75-35-4	1,1-Dichloroethene	ND	9.8
156-59-2	cis-1,2-Dichloroethene	ND	9.8
156-60-5	trans-1,2-Dichloroethene	ND	9.8
78-87-5	1,2-Dichloropropane	ND	9.8
142-28-9	1,3-Dichloropropane	ND	9.8
590-20-7	2,2-Dichloropropane	ND	9.8
563-58-6	1,1-Dichloropropene	ND	9.8
10061-01-5	cis-1,3-Dichloropropene	ND	9.8
10061-02-6	trans-1,3-Dichloropropene	ND	9.8
100-41-4	Ethylbenzene	ND	9.8
87-68-3	Hexachlorobutadiene	ND	9.8

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/11/06 By: GP
Method: 8260B
QC Batch#: 42278
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: F27726.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	20
98-82-8	Isopropylbenzene	ND	9.8
99-87-6	4-Isopropyltoluene	ND	9.8
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	9.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	20
75-09-2	Methylene chloride	ND	9.8
91-20-3	Naphthalene	ND	9.8
103-65-1	n-Propylbenzene	ND	9.8
100-42-5	Styrene	ND	9.8
96-18-4	1,2,3-Trichloropropane	ND	9.8
630-20-6	1,1,1,2-Tetrachloroethane	ND	9.8
79-34-5	1,1,2,2-Tetrachloroethane	ND	9.8
127-18-4	Tetrachloroethene (PCE)	ND	9.8
108-88-3	Toluene	ND	9.8
87-61-6	1,2,3-Trichlorobenzene	ND	9.8
120-82-1	1,2,4-Trichlorobenzene	ND	9.8
71-55-6	1,1,1-Trichloroethane	ND	9.8
79-00-5	1,1,2-Trichloroethane	ND	9.8
79-01-6	Trichloroethene (TCE)	ND	9.8
75-69-4	Trichlorofluoromethane	ND	20
95-63-6	1,2,4-Trimethylbenzene	ND	9.8
108-67-8	1,3,5-Trimethylbenzene	ND	9.8
75-01-4	Vinyl chloride	ND	20
95-47-6	o-Xylene	ND	9.8
	m,p-Xylenes	ND	9.8

Surrogate	Recovery	Limits
Bromofluorobenzene	89%	78%-111%
Dibromofluoromethane	98%	86%-110%
1,2-Dichloroethane-d4	96%	85%-111%
Toluene-d8	107%	91%-110%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/11/06 By: GP
Method: 8260B
QC Batch#: 42278
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: F27727.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	52
107-13-1	Acrylonitrile	ND	65
71-43-2	Benzene	ND	13
108-86-1	Bromobenzene	ND	13
74-97-5	Bromochloromethane	ND	13
75-27-4	Bromodichloromethane	ND	13
75-25-2	Bromoform	ND	13
74-83-9	Bromomethane	ND	26
78-93-3	2-Butanone (MEK)	ND	26
104-51-8	n-Butylbenzene	ND	13
135-98-8	sec-Butylbenzene	ND	13
98-06-6	tert-Butylbenzene	ND	13
75-15-0	Carbon disulfide	ND	13
56-23-5	Carbon tetrachloride	ND	13
108-90-7	Chlorobenzene	ND	13
75-00-3	Chloroethane	ND	26
67-66-3	Chloroform	ND	13
74-87-3	Chloromethane	ND	26
95-49-8	2-Chlorotoluene	ND	13
106-43-4	4-Chlorotoluene	ND	13
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	13
124-48-1	Dibromochloromethane	ND	13
106-93-4	1,2-Dibromoethane (EDB)	ND	13
74-95-3	Dibromomethane	ND	13
95-50-1	1,2-Dichlorobenzene	ND	13
541-73-1	1,3-Dichlorobenzene	ND	13
106-46-7	1,4-Dichlorobenzene	ND	13
75-71-8	Dichlorodifluoromethane	ND	26
75-34-3	1,1-Dichloroethane	ND	13
107-06-2	1,2-Dichloroethane	ND	13
75-35-4	1,1-Dichloroethene	ND	13
156-59-2	cis-1,2-Dichloroethene	ND	13
156-60-5	trans-1,2-Dichloroethene	ND	13
78-87-5	1,2-Dichloropropane	ND	13
142-28-9	1,3-Dichloropropane	ND	13
590-20-7	2,2-Dichloropropane	ND	13
563-58-6	1,1-Dichloropropene	ND	13
10061-01-5	cis-1,3-Dichloropropene	ND	13
10061-02-6	trans-1,3-Dichloropropene	ND	13
100-41-4	Ethylbenzene	ND	13
87-68-3	Hexachlorobutadiene	ND	13

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/11/06 By: GP
Method: 8260B
QC Batch#: 42278
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: F27727.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	26
98-82-8	Isopropylbenzene	ND	13
99-87-6	4-Isopropyltoluene	ND	13
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	13
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	26
75-09-2	Methylene chloride	ND	13
91-20-3	Naphthalene	ND	13
103-65-1	n-Propylbenzene	ND	13
100-42-5	Styrene	ND	13
96-18-4	1,2,3-Trichloropropane	ND	13
630-20-6	1,1,1,2-Tetrachloroethane	ND	13
79-34-5	1,1,2,2-Tetrachloroethane	ND	13
127-18-4	Tetrachloroethene (PCE)	ND	13
108-88-3	Toluene	ND	13
87-61-6	1,2,3-Trichlorobenzene	ND	13
120-82-1	1,2,4-Trichlorobenzene	ND	13
71-55-6	1,1,1-Trichloroethane	ND	13
79-00-5	1,1,2-Trichloroethane	ND	13
79-01-6	Trichloroethene (TCE)	ND	13
75-69-4	Trichlorofluoromethane	ND	26
95-63-6	1,2,4-Trimethylbenzene	ND	13
108-67-8	1,3,5-Trimethylbenzene	ND	13
75-01-4	Vinyl chloride	ND	26
95-47-6	o-Xylene	ND	13
	m,p-Xylenes	ND	13

Surrogate	Recovery	Limits
Bromofluorobenzene	90%	78%-111%
Dibromofluoromethane	99%	86%-110%
1,2-Dichloroethane-d4	95%	85%-111%
Toluene-d8	106%	91%-110%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/11/06 By: GP
Method: 8260B
QC Batch#: 42278
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: F27728.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	42
107-13-1	Acrylonitrile	ND	49
71-43-2	Benzene	ND	9.9
108-86-1	Bromobenzene	ND	9.9
74-97-5	Bromochloromethane	ND	9.9
75-27-4	Bromodichloromethane	ND	9.9
75-25-2	Bromoform	ND	9.9
74-83-9	Bromomethane	ND	20
78-93-3	2-Butanone (MEK)	ND	20
104-51-8	n-Butylbenzene	ND	9.9
135-98-8	sec-Butylbenzene	ND	9.9
98-06-6	tert-Butylbenzene	ND	9.9
75-15-0	Carbon disulfide	ND	9.9
56-23-5	Carbon tetrachloride	ND	9.9
108-90-7	Chlorobenzene	ND	9.9
75-00-3	Chloroethane	ND	20
67-66-3	Chloroform	ND	9.9
74-87-3	Chloromethane	ND	20
95-49-8	2-Chlorotoluene	ND	9.9
106-43-4	4-Chlorotoluene	ND	9.9
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	9.9
124-48-1	Dibromochloromethane	ND	9.9
106-93-4	1,2-Dibromoethane (EDB)	ND	9.9
74-95-3	Dibromomethane	ND	9.9
95-50-1	1,2-Dichlorobenzene	ND	9.9
541-73-1	1,3-Dichlorobenzene	ND	9.9
106-46-7	1,4-Dichlorobenzene	ND	9.9
75-71-8	Dichlorodifluoromethane	ND	20
75-34-3	1,1-Dichloroethane	ND	9.9
107-06-2	1,2-Dichloroethane	ND	9.9
75-35-4	1,1-Dichloroethene	ND	9.9
156-59-2	cis-1,2-Dichloroethene	ND	9.9
156-60-5	trans-1,2-Dichloroethene	ND	9.9
78-87-5	1,2-Dichloropropane	ND	9.9
142-28-9	1,3-Dichloropropane	ND	9.9
590-20-7	2,2-Dichloropropane	ND	9.9
563-58-6	1,1-Dichloropropene	ND	9.9
10061-01-5	cis-1,3-Dichloropropene	ND	9.9
10061-02-6	trans-1,3-Dichloropropene	ND	9.9
100-41-4	Ethylbenzene	ND	9.9
87-68-3	Hexachlorobutadiene	ND	9.9

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/11/06 By: GP
Method: 8260B
QC Batch#: 42278
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: F27728.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	20
98-82-8	Isopropylbenzene	ND	9.9
99-87-6	4-Isopropyltoluene	ND	9.9
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	9.9
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	20
75-09-2	Methylene chloride	ND	9.9
91-20-3	Naphthalene	ND	9.9
103-65-1	n-Propylbenzene	ND	9.9
100-42-5	Styrene	ND	9.9
96-18-4	1,2,3-Trichloropropane	ND	9.9
630-20-6	1,1,1,2-Tetrachloroethane	ND	9.9
79-34-5	1,1,2,2-Tetrachloroethane	ND	9.9
127-18-4	Tetrachloroethene (PCE)	ND	9.9
108-88-3	Toluene	ND	9.9
87-61-6	1,2,3-Trichlorobenzene	ND	9.9
120-82-1	1,2,4-Trichlorobenzene	ND	9.9
71-55-6	1,1,1-Trichloroethane	ND	9.9
79-00-5	1,1,2-Trichloroethane	ND	9.9
79-01-6	Trichloroethene (TCE)	ND	9.9
75-69-4	Trichlorofluoromethane	ND	20
95-63-6	1,2,4-Trimethylbenzene	ND	9.9
108-67-8	1,3,5-Trimethylbenzene	ND	9.9
75-01-4	Vinyl chloride	ND	20
95-47-6	o-Xylene	ND	9.9
	m,p-Xylenes	ND	9.9

Surrogate	Recovery	Limits
Bromofluorobenzene	94%	78%-111%
Dibromofluoromethane	98%	86%-110%
1,2-Dichloroethane-d4	94%	85%-111%
Toluene-d8	102%	91%-110%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 12/30/05 By: GP
Method: 8260B
QC Batch#: 42056
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M26953.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	20
107-13-1	Acrylonitrile	ND	25
71-43-2	Benzene	ND	5.0
108-86-1	Bromobenzene	ND	5.0
74-97-5	Bromochloromethane	ND	5.0
75-27-4	Bromodichloromethane	ND	5.0
75-25-2	Bromoform	ND	5.0
74-83-9	Bromomethane	ND	5.0
78-93-3	2-Butanone (MEK)	ND	10
104-51-8	n-Butylbenzene	ND	5.0
135-98-8	sec-Butylbenzene	ND	5.0
98-06-6	tert-Butylbenzene	ND	5.0
75-15-0	Carbon disulfide	ND	5.0
56-23-5	Carbon tetrachloride	ND	5.0
108-90-7	Chlorobenzene	ND	5.0
75-00-3	Chloroethane	ND	5.0
67-66-3	Chloroform	ND	5.0
74-87-3	Chloromethane	ND	5.0
95-49-8	2-Chlorotoluene	ND	5.0
106-43-4	4-Chlorotoluene	ND	5.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	5.0
74-95-3	Dibromomethane	ND	5.0
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
75-71-8	Dichlorodifluoromethane	ND	5.0
75-34-3	1,1-Dichloroethane	ND	5.0
107-06-2	1,2-Dichloroethane	ND	5.0
75-35-4	1,1-Dichloroethene	ND	5.0
156-59-2	cis-1,2-Dichloroethene	ND	5.0
156-60-5	trans-1,2-Dichloroethene	ND	5.0
78-87-5	1,2-Dichloropropane	ND	5.0
142-28-9	1,3-Dichloropropane	ND	5.0
590-20-7	2,2-Dichloropropane	ND	5.0
563-58-6	1,1-Dichloropropene	ND	5.0
10061-01-5	cis-1,3-Dichloropropene	ND	5.0
10061-02-6	trans-1,3-Dichloropropene	ND	5.0
100-41-4	Ethylbenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	5.0

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 12/30/05 By: GP
Method: 8260B
QC Batch#: 42056
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M26953.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	10
98-82-8	Isopropylbenzene	ND	5.0
99-87-6	4-Isopropyltoluene	ND	5.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	5.0
103-65-1	n-Propylbenzene	ND	5.0
100-42-5	Styrene	ND	5.0
96-18-4	1,2,3-Trichloropropane	ND	5.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	ND	5.0
108-88-3	Toluene	ND	5.0
87-61-6	1,2,3-Trichlorobenzene	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0
71-55-6	1,1,1-Trichloroethane	ND	5.0
79-00-5	1,1,2-Trichloroethane	ND	5.0
79-01-6	Trichloroethene (TCE)	ND	5.0
75-69-4	Trichlorofluoromethane	ND	5.0
95-63-6	1,2,4-Trimethylbenzene	ND	5.0
108-67-8	1,3,5-Trimethylbenzene	ND	5.0
75-01-4	Vinyl chloride	ND	5.0
95-47-6	o-Xylene	ND	5.0
	m,p-Xylenes	ND	5.0

Surrogate	Recovery	Limits
Bromofluorobenzene	97%	87%-109%
Dibromofluoromethane	100%	89%-111%
1,2-Dichloroethane-d4	93%	86%-118%
Toluene-d8	98%	90%-108%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 8

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 12/30/05 By: GP
Method: 8260B
QC Batch#: 42056
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-14

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M26952.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	20
107-13-1	Acrylonitrile	ND	25
71-43-2	Benzene	ND	5.0
108-86-1	Bromobenzene	ND	5.0
74-97-5	Bromochloromethane	ND	5.0
75-27-4	Bromodichloromethane	ND	5.0
75-25-2	Bromoform	ND	5.0
74-83-9	Bromomethane	ND	5.0
78-93-3	2-Butanone (MEK)	ND	10
104-51-8	n-Butylbenzene	ND	5.0
135-98-8	sec-Butylbenzene	ND	5.0
98-06-6	tert-Butylbenzene	ND	5.0
75-15-0	Carbon disulfide	ND	5.0
56-23-5	Carbon tetrachloride	ND	5.0
108-90-7	Chlorobenzene	ND	5.0
75-00-3	Chloroethane	ND	5.0
67-66-3	Chloroform	ND	5.0
74-87-3	Chloromethane	ND	5.0
95-49-8	2-Chlorotoluene	ND	5.0
106-43-4	4-Chlorotoluene	ND	5.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	5.0
74-95-3	Dibromomethane	ND	5.0
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
75-71-8	Dichlorodifluoromethane	ND	5.0
75-34-3	1,1-Dichloroethane	ND	5.0
107-06-2	1,2-Dichloroethane	ND	5.0
75-35-4	1,1-Dichloroethene	ND	5.0
156-59-2	cis-1,2-Dichloroethene	ND	5.0
156-60-5	trans-1,2-Dichloroethene	ND	5.0
78-87-5	1,2-Dichloropropane	ND	5.0
142-28-9	1,3-Dichloropropane	ND	5.0
590-20-7	2,2-Dichloropropane	ND	5.0
563-58-6	1,1-Dichloropropene	ND	5.0
10061-01-5	cis-1,3-Dichloropropene	ND	5.0
10061-02-6	trans-1,3-Dichloropropene	ND	5.0
100-41-4	Ethylbenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	5.0

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 8 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 12/30/05 By: GP
Method: 8260B
QC Batch#: 42056
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-14

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M26952.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	10
98-82-8	Isopropylbenzene	ND	5.0
99-87-6	4-Isopropyltoluene	ND	5.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	5.0
103-65-1	n-Propylbenzene	ND	5.0
100-42-5	Styrene	ND	5.0
96-18-4	1,2,3-Trichloropropane	ND	5.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	ND	5.0
108-88-3	Toluene	ND	5.0
87-61-6	1,2,3-Trichlorobenzene	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0
71-55-6	1,1,1-Trichloroethane	ND	5.0
79-00-5	1,1,2-Trichloroethane	ND	5.0
79-01-6	Trichloroethene (TCE)	ND	5.0
75-69-4	Trichlorofluoromethane	ND	5.0
95-63-6	1,2,4-Trimethylbenzene	ND	5.0
108-67-8	1,3,5-Trimethylbenzene	ND	5.0
75-01-4	Vinyl chloride	ND	5.0
95-47-6	o-Xylene	ND	5.0
	m,p-Xylenes	ND	5.0

Surrogate	Recovery	Limits
Bromofluorobenzene	97%	87%-109%
Dibromofluoromethane	99%	89%-111%
1,2-Dichloroethane-d4	93%	86%-118%
Toluene-d8	98%	90%-108%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/04/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume: 30.13 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010402F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	30
11104-28-2	Aroclor 1221	ND	30
11141-16-5	Aroclor 1232	ND	30
53469-21-9	Aroclor 1242	ND	30
12672-29-6	Aroclor 1248	ND	30
11097-69-1	Aroclor 1254	ND	30
11096-82-5	Aroclor 1260	ND	30

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	41%	17%-129%
Decachlorobiphenyl	23%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume: 30.13 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010610F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	3.0
319-84-6	alpha-BHC	ND	3.0
319-85-7	beta-BHC	ND	3.0
319-86-8	delta-BHC	ND	3.0
59-89-9	gamma-BHC (Lindane)	ND	3.0
5103-71-9	alpha-Chlordane	ND	3.0
5103-74-2	gamma-Chlordane	ND	3.0
72-54-8	4,4'-DDD	ND	3.0
72-55-9	4,4'-DDE	ND	3.0
50-29-3	4,4'-DDT	ND	3.0
60-57-1	Dieldrin	ND	3.0
33213-65-9	Endosulfan II	ND	3.0
7421-93-4	Endrin aldehyde	ND	3.0
959-98-8	Endosulfan I	ND	3.0
1031-07-8	Endosulfan sulfate	ND	3.0
72-20-8	Endrin	ND	3.0
53494-70-5	Endrin ketone	ND	3.0
76-44-8	Heptachlor	ND	3.0
1024-57-3	Heptachlor epoxide	ND	3.0
72-43-5	Methoxychlor	ND	3.0
8001-35-2	Toxaphene	ND	150

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	11%	10%-135%
Decachlorobiphenyl	11%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/03/06 By: TW
Method: 8100
QC Batch#: 42127
Units: mg/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume: 10.71 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: 6010310.D

Result	DL
Sample chromatogram shows a petroleum hydrocarbon pattern in the C16 to C36 alkane range. The total petroleum hydrocarbon concentration was determined utilizing a motor oil petroleum hydrocarbon standard, which most closely matches the petroleum hydrocarbon pattern for the submitted sample. The total petroleum hydrocarbon concentration is determined to be 740.	43

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume: 30.7 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15272.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	740
83-32-9	Acenaphthene	ND	30
208-96-8	Acenaphthylene	ND	30
62-53-3	Aniline	ND	1500
120-12-7	Anthracene	40	30
56-55-3	Benzo[a]anthracene	160	30
50-32-8	Benzo[a]pyrene	150	30
205-99-2	Benzo[b]fluoranthene	250	30
191-24-2	Benzo[g,h,i]perylene	88	30
207-08-9	Benzo[k]fluoranthene	110	30
65-85-0	Benzoic acid	ND	3700
100-51-6	Benzyl alcohol	ND	1500
85-68-7	Benzyl butyl phthalate	ND	740
111-91-1	Bis(2-chloroethoxy)methane	ND	740
111-44-4	Bis(2-chloroethyl)ether	ND	740
108-60-1	Bis(2-chloroisopropyl)ether	ND	1500
117-81-7	Bis(2-ethylhexyl)phthalate	ND	740
101-55-3	4-Bromophenyl phenyl ether	ND	740
59-50-7	4-Chloro-3-methylphenol	ND	740
106-47-8	4-Chloroaniline	ND	1500
91-58-7	2-Chloronaphthalene	ND	740
95-57-8	2-Chlorophenol	ND	740
7005-72-3	4-Chlorophenyl phenyl ether	ND	740
218-01-9	Chrysene	240	30
53-70-3	Dibenz[a,h]anthracene	ND	30
84-74-2	Di-n-butyl phthalate	ND	740
117-84-0	Di-n-octyl phthalate	ND	740
132-64-9	Dibenzofuran	ND	1500
95-50-1	1,2-Dichlorobenzene	ND	740
541-73-1	1,3-Dichlorobenzene	ND	740
106-46-7	1,4-Dichlorobenzene	ND	740
91-94-1	3,3-Dichlorobenzidine	ND	740
120-83-2	2,4-Dichlorophenol	ND	740
84-66-2	Diethyl phthalate	ND	740
131-11-3	Dimethyl phthalate	ND	740
105-67-9	2,4-Dimethylphenol	ND	740
51-28-5	2,4-Dinitrophenol	ND	740
121-14-2	2,4-Dinitrotoluene	ND	740
606-20-2	2,6-Dinitrotoluene	ND	740
206-44-0	Fluoranthene	450	30
86-73-7	Fluorene	36	30

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1 (continued)

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume: 30.7 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15272.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	740
87-68-3	Hexachlorobutadiene	ND	740
77-47-4	Hexachlorocyclopentadiene	ND	740
67-72-1	Hexachloroethane	ND	740
193-39-5	Indeno[1,2,3-cd]pyrene	ND	30
78-59-1	Isophorone	ND	740
534-52-1	2-Methyl-4,6-dinitrophenol	ND	740
91-57-6	2-Methylnaphthalene	ND	740
95-48-7	2-Methylphenol	ND	740
	3- & 4-Methylphenols	ND	740
91-20-3	Naphthalene	ND	30
88-74-4	2-Nitroaniline	ND	1500
99-09-2	3-Nitroaniline	ND	1500
100-01-6	4-Nitroaniline	ND	1500
98-95-3	Nitrobenzene	ND	740
88-75-5	2-Nitrophenol	ND	740
100-02-1	4-Nitrophenol	ND	740
621-64-7	N-Nitrosodi-n-propylamine	ND	740
62-75-9	N-Nitrosodimethylamine	ND	740
86-30-6	N-Nitrosodiphenylamine	ND	740
87-86-5	Pentachlorophenol	ND	1500
85-01-8	Phenanthrene	230	30
108-95-2	Phenol	ND	740
129-00-0	Pyrene	450	30
95-95-4	2,4,5-Trichlorophenol	ND	740
88-06-2	2,4,6-Trichlorophenol	ND	740
120-82-1	1,2,4-Trichlorobenzene	ND	740

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	79%	20%-117%
2-Fluorobiphenyl	72%	35%-118%
2-Fluorophenol	78%	24%-115%
4-Terphenyl-d14	93%	47%-135%
Nitrobenzene-d5	65%	39%-100%
Phenol-d6	72%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume: 29.98 g
Dilution Factor: 2
Extract Volume: 2
Lab Data File: 4010618F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	16
11104-28-2	Aroclor 1221	ND	16
11141-16-5	Aroclor 1232	ND	16
53469-21-9	Aroclor 1242	ND	16
12672-29-6	Aroclor 1248	ND	16
11097-69-1	Aroclor 1254	ND	16
11096-82-5	Aroclor 1260	ND	16

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	112%	17%-129%
Decachlorobiphenyl	102%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume: 29.98 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010611F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.81
319-84-6	alpha-BHC	ND	0.81
319-85-7	beta-BHC	ND	0.81
319-86-8	delta-BHC	ND	0.81
59-89-9	gamma-BHC (Lindane)	ND	0.81
5103-71-9	alpha-Chlordane	ND	0.81
5103-74-2	gamma-Chlordane	ND	0.81
72-54-8	4,4'-DDD	ND	0.81
72-55-9	4,4'-DDE	ND	0.81
50-29-3	4,4'-DDT	ND	0.81
60-57-1	Dieldrin	ND	0.81
33213-65-9	Endosulfan II	ND	0.81
7421-93-4	Endrin aldehyde	ND	0.81
959-98-8	Endosulfan I	ND	0.81
1031-07-8	Endosulfan sulfate	ND	0.81
72-20-8	Endrin	ND	0.81
53494-70-5	Endrin ketone	ND	0.81
76-44-8	Heptachlor	ND	0.81
1024-57-3	Heptachlor epoxide	ND	0.81
72-43-5	Methoxychlor	ND	0.81
8001-35-2	Toxaphene	ND	40

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	44%	10%-135%
Decachlorobiphenyl	27%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/03/06 By: TW
Method: 8100
QC Batch#: 42127
Units: mg/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume: 10 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: 6010311.D

Result	DL
Sample chromatogram shows a petroleum hydrocarbon pattern in the C16 to C36 alkane range. The total petroleum hydrocarbon concentration was determined utilizing a motor oil petroleum hydrocarbon standard, which most closely matches the petroleum hydrocarbon pattern for the submitted sample. The total petroleum hydrocarbon concentration is determined to be 370.	12

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume: 30.77 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15273.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	200
83-32-9	Acenaphthene	24	7.9
208-96-8	Acenaphthylene	ND	7.9
62-53-3	Aniline	ND	390
120-12-7	Anthracene	79	7.9
56-55-3	Benzo[a]anthracene	150	7.9
50-32-8	Benzo[a]pyrene	120	7.9
205-99-2	Benzo[b]fluoranthene	170	7.9
191-24-2	Benzo[g,h,i]perylene	46	7.9
207-08-9	Benzo[k]fluoranthene	65	7.9
65-85-0	Benzoic acid	ND	980
100-51-6	Benzyl alcohol	ND	390
85-68-7	Benzyl butyl phthalate	ND	200
111-91-1	Bis(2-chloroethoxy)methane	ND	200
111-44-4	Bis(2-chloroethyl)ether	ND	200
108-60-1	Bis(2-chloroisopropyl)ether	ND	390
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200
101-55-3	4-Bromophenyl phenyl ether	ND	200
59-50-7	4-Chloro-3-methylphenol	ND	200
106-47-8	4-Chloroaniline	ND	390
91-58-7	2-Chloronaphthalene	ND	200
95-57-8	2-Chlorophenol	ND	200
7005-72-3	4-Chlorophenyl phenyl ether	ND	200
218-01-9	Chrysene	160	7.9
53-70-3	Dibenz[a,h]anthracene	ND	7.9
84-74-2	Di-n-butyl phthalate	ND	200
117-84-0	Di-n-octyl phthalate	ND	200
132-64-9	Dibenzofuran	ND	390
95-50-1	1,2-Dichlorobenzene	ND	200
541-73-1	1,3-Dichlorobenzene	ND	200
106-46-7	1,4-Dichlorobenzene	ND	200
91-94-1	3,3-Dichlorobenzidine	ND	200
120-83-2	2,4-Dichlorophenol	ND	200
84-66-2	Diethyl phthalate	ND	200
131-11-3	Dimethyl phthalate	ND	200
105-67-9	2,4-Dimethylphenol	ND	200
51-28-5	2,4-Dinitrophenol	ND	200
121-14-2	2,4-Dinitrotoluene	ND	200
606-20-2	2,6-Dinitrotoluene	ND	200
206-44-0	Fluoranthene	390	7.9
86-73-7	Fluorene	25	7.9

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume: 30.77 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15273.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	200
87-68-3	Hexachlorobutadiene	ND	200
77-47-4	Hexachlorocyclopentadiene	ND	200
67-72-1	Hexachloroethane	ND	200
193-39-5	Indeno[1,2,3-cd]pyrene	46	7.9
78-59-1	Isophorone	ND	200
534-52-1	2-Methyl-4,6-dinitrophenol	ND	200
91-57-6	2-Methylnaphthalene	ND	200
95-48-7	2-Methylphenol	ND	200
	3- & 4-Methylphenols	ND	200
91-20-3	Naphthalene	45	7.9
88-74-4	2-Nitroaniline	ND	390
99-09-2	3-Nitroaniline	ND	390
100-01-6	4-Nitroaniline	ND	390
98-95-3	Nitrobenzene	ND	200
88-75-5	2-Nitrophenol	ND	200
100-02-1	4-Nitrophenol	ND	200
621-64-7	N-Nitrosodi-n-propylamine	ND	200
62-75-9	N-Nitrosodimethylamine	ND	200
86-30-6	N-Nitrosodiphenylamine	ND	200
87-86-5	Pentachlorophenol	ND	390
85-01-8	Phenanthrene	410	7.9
108-95-2	Phenol	ND	200
129-00-0	Pyrene	400	7.9
95-95-4	2,4,5-Trichlorophenol	ND	200
88-06-2	2,4,6-Trichlorophenol	ND	200
120-82-1	1,2,4-Trichlorobenzene	ND	200

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	75%	20%-117%
2-Fluorobiphenyl	68%	35%-118%
2-Fluorophenol	66%	24%-115%
4-Terphenyl-d14	90%	47%-135%
Nitrobenzene-d5	57%	39%-100%
Phenol-d6	61%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/04/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume: 30.21 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010403F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	40
11104-28-2	Aroclor 1221	ND	40
11141-16-5	Aroclor 1232	ND	40
53469-21-9	Aroclor 1242	ND	40
12672-29-6	Aroclor 1248	ND	40
11097-69-1	Aroclor 1254	ND	40
11096-82-5	Aroclor 1260	ND	40

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	73%	17%-129%
Decachlorobiphenyl	57%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume: 30.21 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010612F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	4.0
319-84-6	alpha-BHC	ND	4.0
319-85-7	beta-BHC	ND	4.0
319-86-8	delta-BHC	ND	4.0
59-89-9	gamma-BHC (Lindane)	ND	4.0
5103-71-9	alpha-Chlordane	ND	4.0
5103-74-2	gamma-Chlordane	ND	4.0
72-54-8	4,4'-DDD	ND	4.0
72-55-9	4,4'-DDE	ND	4.0
50-29-3	4,4'-DDT	ND	4.0
60-57-1	Dieldrin	ND	4.0
33213-65-9	Endosulfan II	ND	4.0
7421-93-4	Endrin aldehyde	ND	4.0
959-98-8	Endosulfan I	ND	4.0
1031-07-8	Endosulfan sulfate	ND	4.0
72-20-8	Endrin	ND	4.0
53494-70-5	Endrin ketone	ND	4.0
76-44-8	Heptachlor	ND	4.0
1024-57-3	Heptachlor epoxide	ND	4.0
72-43-5	Methoxychlor	ND	4.0
8001-35-2	Toxaphene	ND	200

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	38%	10%-135%
Decachlorobiphenyl	26%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/03/06 By: TW
Method: 8100
QC Batch#: 42127
Units: mg/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume: 10 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: 6010312.D

Result	DL
Sample chromatogram shows a petroleum hydrocarbon pattern in the C16 to C36 alkane range. The total petroleum hydrocarbon concentration was determined utilizing a motor oil petroleum hydrocarbon standard, which most closely matches the petroleum hydrocarbon pattern for the submitted sample. The total petroleum hydrocarbon concentration is determined to be 1700.	61

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume: 30.91 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15274.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	990
83-32-9	Acenaphthene	ND	39
208-96-8	Acenaphthylene	ND	39
62-53-3	Aniline	ND	2000
120-12-7	Anthracene	110	39
56-55-3	Benzo[a]anthracene	290	39
50-32-8	Benzo[a]pyrene	240	39
205-99-2	Benzo[b]fluoranthene	340	39
191-24-2	Benzo[g,h,i]perylene	110	39
207-08-9	Benzo[k]fluoranthene	180	39
65-85-0	Benzoic acid	ND	4900
100-51-6	Benzyl alcohol	ND	2000
85-68-7	Benzyl butyl phthalate	ND	990
111-91-1	Bis(2-chloroethoxy)methane	ND	990
111-44-4	Bis(2-chloroethyl)ether	ND	990
108-60-1	Bis(2-chloroisopropyl)ether	ND	2000
117-81-7	Bis(2-ethylhexyl)phthalate	ND	990
101-55-3	4-Bromophenyl phenyl ether	ND	990
59-50-7	4-Chloro-3-methylphenol	ND	990
106-47-8	4-Chloroaniline	ND	2000
91-58-7	2-Chloronaphthalene	ND	990
95-57-8	2-Chlorophenol	ND	990
7005-72-3	4-Chlorophenyl phenyl ether	ND	990
218-01-9	Chrysene	430	39
53-70-3	Dibenz[a,h]anthracene	ND	39
84-74-2	Di-n-butyl phthalate	1100	990
117-84-0	Di-n-octyl phthalate	ND	990
132-64-9	Dibenzofuran	ND	2000
95-50-1	1,2-Dichlorobenzene	ND	990
541-73-1	1,3-Dichlorobenzene	ND	990
106-46-7	1,4-Dichlorobenzene	ND	990
91-94-1	3,3-Dichlorobenzidine	ND	990
120-83-2	2,4-Dichlorophenol	ND	990
84-66-2	Diethyl phthalate	ND	990
131-11-3	Dimethyl phthalate	ND	990
105-67-9	2,4-Dimethylphenol	ND	990
51-28-5	2,4-Dinitrophenol	ND	990
121-14-2	2,4-Dinitrotoluene	ND	990
606-20-2	2,6-Dinitrotoluene	ND	990
206-44-0	Fluoranthene	710	39
86-73-7	Fluorene	81	39

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3 (continued)

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume: 30.91 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15274.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	990
87-68-3	Hexachlorobutadiene	ND	990
77-47-4	Hexachlorocyclopentadiene	ND	990
67-72-1	Hexachloroethane	ND	990
193-39-5	Indeno[1,2,3-cd]pyrene	110	39
78-59-1	Isophorone	ND	990
534-52-1	2-Methyl-4,6-dinitrophenol	ND	990
91-57-6	2-Methylnaphthalene	ND	990
95-48-7	2-Methylphenol	ND	990
	3- & 4-Methylphenols	ND	990
91-20-3	Naphthalene	ND	39
88-74-4	2-Nitroaniline	ND	2000
99-09-2	3-Nitroaniline	ND	2000
100-01-6	4-Nitroaniline	ND	2000
98-95-3	Nitrobenzene	ND	990
88-75-5	2-Nitrophenol	ND	990
100-02-1	4-Nitrophenol	ND	990
621-64-7	N-Nitrosodi-n-propylamine	ND	990
62-75-9	N-Nitrosodimethylamine	ND	990
86-30-6	N-Nitrosodiphenylamine	ND	990
87-86-5	Pentachlorophenol	ND	2000
85-01-8	Phenanthrene	480	39
108-95-2	Phenol	ND	990
129-00-0	Pyrene	760	39
95-95-4	2,4,5-Trichlorophenol	ND	990
88-06-2	2,4,6-Trichlorophenol	ND	990
120-82-1	1,2,4-Trichlorobenzene	ND	990

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	82%	20%-117%
2-Fluorobiphenyl	68%	35%-118%
2-Fluorophenol	78%	24%-115%
4-Terphenyl-d14	95%	47%-135%
Nitrobenzene-d5	66%	39%-100%
Phenol-d6	75%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume: 29.92 g
Dilution Factor: 5
Extract Volume: 2
Lab Data File: 4010615F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	66
11104-28-2	Aroclor 1221	ND	66
11141-16-5	Aroclor 1232	ND	66
53469-21-9	Aroclor 1242	ND	66
12672-29-6	Aroclor 1248	ND	66
11097-69-1	Aroclor 1254	ND	66
11096-82-5	Aroclor 1260	ND	66

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	110%	17%-129%
Decachlorobiphenyl	75%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume: 29.92 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010613F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	1.3
319-84-6	alpha-BHC	ND	1.3
319-85-7	beta-BHC	ND	1.3
319-86-8	delta-BHC	ND	1.3
59-89-9	gamma-BHC (Lindane)	ND	1.3
5103-71-9	alpha-Chlordane	ND	1.3
5103-74-2	gamma-Chlordane	ND	1.3
72-54-8	4,4'-DDD	ND	1.3
72-55-9	4,4'-DDE	ND	1.3
50-29-3	4,4'-DDT	ND	1.3
60-57-1	Dieldrin	ND	1.3
33213-65-9	Endosulfan II	ND	1.3
7421-93-4	Endrin aldehyde	ND	1.3
959-98-8	Endosulfan I	ND	1.3
1031-07-8	Endosulfan sulfate	ND	1.3
72-20-8	Endrin	ND	1.3
53494-70-5	Endrin ketone	ND	1.3
76-44-8	Heptachlor	ND	1.3
1024-57-3	Heptachlor epoxide	ND	1.3
72-43-5	Methoxychlor	ND	1.3
8001-35-2	Toxaphene	ND	66

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	43%	10%-135%
Decachlorobiphenyl	20%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/04/06 By: TW
Method: 8100
QC Batch#: 42129
Units: mg/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume: 10.16 g
Dilution Factor: 4
Extract Volume: 1
Lab Data File: 6010420.D

Result	DL
Sample chromatogram shows a petroleum hydrocarbon pattern in the C16 to C36 alkane range. The total petroleum hydrocarbon concentration was determined utilizing a motor oil petroleum hydrocarbon standard, which most closely matches the petroleum hydrocarbon pattern for the submitted sample. The total petroleum hydrocarbon concentration is determined to be 2600.	77

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume: 29.91 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15275.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	330
83-32-9	Acenaphthene	260	13
208-96-8	Acenaphthylene	26	13
62-53-3	Aniline	ND	660
120-12-7	Anthracene	360	13
56-55-3	Benzo[a]anthracene	690	13
50-32-8	Benzo[a]pyrene	590	13
205-99-2	Benzo[b]fluoranthene	860	13
191-24-2	Benzo[g,h,i]perylene	260	13
207-08-9	Benzo[k]fluoranthene	250	13
65-85-0	Benzoic acid	ND	1600
100-51-6	Benzyl alcohol	ND	660
85-68-7	Benzyl butyl phthalate	ND	330
111-91-1	Bis(2-chloroethoxy)methane	ND	330
111-44-4	Bis(2-chloroethyl)ether	ND	330
108-60-1	Bis(2-chloroisopropyl)ether	ND	660
117-81-7	Bis(2-ethylhexyl)phthalate	ND	330
101-55-3	4-Bromophenyl phenyl ether	ND	330
59-50-7	4-Chloro-3-methylphenol	ND	330
106-47-8	4-Chloroaniline	ND	660
91-58-7	2-Chloronaphthalene	ND	330
95-57-8	2-Chlorophenol	ND	330
7005-72-3	4-Chlorophenyl phenyl ether	ND	330
218-01-9	Chrysene	840	13
53-70-3	Dibenz[a,h]anthracene	ND	13
84-74-2	Di-n-butyl phthalate	ND	330
117-84-0	Di-n-octyl phthalate	ND	330
132-64-9	Dibenzofuran	ND	660
95-50-1	1,2-Dichlorobenzene	ND	330
541-73-1	1,3-Dichlorobenzene	ND	330
106-46-7	1,4-Dichlorobenzene	ND	330
91-94-1	3,3-Dichlorobenzidine	ND	330
120-83-2	2,4-Dichlorophenol	ND	330
84-66-2	Diethyl phthalate	ND	330
131-11-3	Dimethyl phthalate	ND	330
105-67-9	2,4-Dimethylphenol	ND	330
51-28-5	2,4-Dinitrophenol	ND	330
121-14-2	2,4-Dinitrotoluene	ND	330
606-20-2	2,6-Dinitrotoluene	ND	330
206-44-0	Fluoranthene	1600	13
86-73-7	Fluorene	22	13

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume: 29.91 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15275.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	330
87-68-3	Hexachlorobutadiene	ND	330
77-47-4	Hexachlorocyclopentadiene	ND	330
67-72-1	Hexachloroethane	ND	330
193-39-5	Indeno[1,2,3-cd]pyrene	220	13
78-59-1	Isophorone	ND	330
534-52-1	2-Methyl-4,6-dinitrophenol	ND	330
91-57-6	2-Methylnaphthalene	ND	330
95-48-7	2-Methylphenol	ND	330
	3- & 4-Methylphenols	ND	330
91-20-3	Naphthalene	280	13
88-74-4	2-Nitroaniline	ND	660
99-09-2	3-Nitroaniline	ND	660
100-01-6	4-Nitroaniline	ND	660
98-95-3	Nitrobenzene	ND	330
88-75-5	2-Nitrophenol	ND	330
100-02-1	4-Nitrophenol	ND	330
621-64-7	N-Nitrosodi-n-propylamine	ND	330
62-75-9	N-Nitrosodimethylamine	ND	330
86-30-6	N-Nitrosodiphenylamine	ND	330
87-86-5	Pentachlorophenol	ND	660
85-01-8	Phenanthrene	2100	13
108-95-2	Phenol	ND	330
129-00-0	Pyrene	2300	13
95-95-4	2,4,5-Trichlorophenol	ND	330
88-06-2	2,4,6-Trichlorophenol	ND	330
120-82-1	1,2,4-Trichlorobenzene	ND	330

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	75%	20%-117%
2-Fluorobiphenyl	73%	35%-118%
2-Fluorophenol	76%	24%-115%
4-Terphenyl-d14	98%	47%-135%
Nitrobenzene-d5	66%	39%-100%
Phenol-d6	70%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume: 30.05 g
Dilution Factor: 2
Extract Volume: 2
Lab Data File: 4010620F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	34
11104-28-2	Aroclor 1221	ND	34
11141-16-5	Aroclor 1232	ND	34
53469-21-9	Aroclor 1242	ND	34
12672-29-6	Aroclor 1248	ND	34
11097-69-1	Aroclor 1254	ND	34
11096-82-5	Aroclor 1260	ND	34

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	96%	17%-129%
Decachlorobiphenyl	92%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume: 30.05 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010614F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	1.7
319-84-6	alpha-BHC	ND	1.7
319-85-7	beta-BHC	ND	1.7
319-86-8	delta-BHC	ND	1.7
59-89-9	gamma-BHC (Lindane)	ND	1.7
5103-71-9	alpha-Chlordane	ND	1.7
5103-74-2	gamma-Chlordane	ND	1.7
72-54-8	4,4'-DDD	ND	1.7
72-55-9	4,4'-DDE	ND	1.7
50-29-3	4,4'-DDT	ND	1.7
60-57-1	Dieldrin	ND	1.7
33213-65-9	Endosulfan II	ND	1.7
7421-93-4	Endrin aldehyde	ND	1.7
959-98-8	Endosulfan I	ND	1.7
1031-07-8	Endosulfan sulfate	ND	1.7
72-20-8	Endrin	ND	1.7
53494-70-5	Endrin ketone	ND	1.7
76-44-8	Heptachlor	ND	1.7
1024-57-3	Heptachlor epoxide	ND	1.7
72-43-5	Methoxychlor	ND	1.7
8001-35-2	Toxaphene	ND	86

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	28%	10%-135%
Decachlorobiphenyl	26%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/03/06 By: TW
Method: 8100
QC Batch#: 42127
Units: mg/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume: 10.04 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: 6010314.D

Result	DL
Sample chromatogram shows a petroleum hydrocarbon pattern in the C16 to C36 alkane range. The total petroleum hydrocarbon concentration was determined utilizing a motor oil petroleum hydrocarbon standard, which most closely matches the petroleum hydrocarbon pattern for the submitted sample. The total petroleum hydrocarbon concentration is determined to be 1900.	26

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume: 29.41 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15276.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	440
83-32-9	Acenaphthene	250	18
208-96-8	Acenaphthylene	70	18
62-53-3	Aniline	ND	880
120-12-7	Anthracene	830	18
56-55-3	Benzo[a]anthracene	2000	18
50-32-8	Benzo[a]pyrene	1800	18
205-99-2	Benzo[b]fluoranthene	2900	18
191-24-2	Benzo[g,h,i]perylene	730	18
207-08-9	Benzo[k]fluoranthene	970	18
65-85-0	Benzoic acid	ND	2200
100-51-6	Benzyl alcohol	ND	880
85-68-7	Benzyl butyl phthalate	ND	440
111-91-1	Bis(2-chloroethoxy)methane	ND	440
111-44-4	Bis(2-chloroethyl)ether	ND	440
108-60-1	Bis(2-chloroisopropyl)ether	ND	880
117-81-7	Bis(2-ethylhexyl)phthalate	ND	440
101-55-3	4-Bromophenyl phenyl ether	ND	440
59-50-7	4-Chloro-3-methylphenol	ND	440
106-47-8	4-Chloroaniline	ND	880
91-58-7	2-Chloronaphthalene	ND	440
95-57-8	2-Chlorophenol	ND	440
7005-72-3	4-Chlorophenyl phenyl ether	ND	440
218-01-9	Chrysene	2400	18
53-70-3	Dibenz[a,h]anthracene	220	18
84-74-2	Di-n-butyl phthalate	480	440
117-84-0	Di-n-octyl phthalate	ND	440
132-64-9	Dibenzofuran	ND	880
95-50-1	1,2-Dichlorobenzene	ND	440
541-73-1	1,3-Dichlorobenzene	ND	440
106-46-7	1,4-Dichlorobenzene	ND	440
91-94-1	3,3-Dichlorobenzidine	ND	440
120-83-2	2,4-Dichlorophenol	ND	440
84-66-2	Diethyl phthalate	ND	440
131-11-3	Dimethyl phthalate	ND	440
105-67-9	2,4-Dimethylphenol	ND	440
51-28-5	2,4-Dinitrophenol	ND	440
121-14-2	2,4-Dinitrotoluene	ND	440
606-20-2	2,6-Dinitrotoluene	ND	440
206-44-0	Fluoranthene	4300	18
86-73-7	Fluorene	ND	18

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume: 29.41 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15276.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	440
87-68-3	Hexachlorobutadiene	ND	440
77-47-4	Hexachlorocyclopentadiene	ND	440
67-72-1	Hexachloroethane	ND	440
193-39-5	Indeno[1,2,3-cd]pyrene	740	18
78-59-1	Isophorone	ND	440
534-52-1	2-Methyl-4,6-dinitrophenol	ND	440
91-57-6	2-Methylnaphthalene	ND	440
95-48-7	2-Methylphenol	ND	440
	3- & 4-Methylphenols	ND	440
91-20-3	Naphthalene	210	18
88-74-4	2-Nitroaniline	ND	880
99-09-2	3-Nitroaniline	ND	880
100-01-6	4-Nitroaniline	ND	880
98-95-3	Nitrobenzene	ND	440
88-75-5	2-Nitrophenol	ND	440
100-02-1	4-Nitrophenol	ND	440
621-64-7	N-Nitrosodi-n-propylamine	ND	440
62-75-9	N-Nitrosodimethylamine	ND	440
86-30-6	N-Nitrosodiphenylamine	ND	440
87-86-5	Pentachlorophenol	ND	880
85-01-8	Phenanthrene	4000	18
108-95-2	Phenol	ND	440
129-00-0	Pyrene	5300	18
95-95-4	2,4,5-Trichlorophenol	ND	440
88-06-2	2,4,6-Trichlorophenol	ND	440
120-82-1	1,2,4-Trichlorobenzene	ND	440

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	76%	20%-117%
2-Fluorobiphenyl	62%	35%-118%
2-Fluorophenol	66%	24%-115%
4-Terphenyl-d14	108%	47%-135%
Nitrobenzene-d5	52%	39%-100%
Phenol-d6	62%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 30.28 g
Dilution Factor: 2
Extract Volume: 2
Lab Data File: 4010621F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	26
11104-28-2	Aroclor 1221	ND	26
11141-16-5	Aroclor 1232	ND	26
53469-21-9	Aroclor 1242	ND	26
12672-29-6	Aroclor 1248	ND	26
11097-69-1	Aroclor 1254	ND	26
11096-82-5	Aroclor 1260	ND	26

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	70%	17%-129%
Decachlorobiphenyl	74%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 30.28 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010615F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	1.3
319-84-6	alpha-BHC	ND	1.3
319-85-7	beta-BHC	ND	1.3
319-86-8	delta-BHC	ND	1.3
59-89-9	gamma-BHC (Lindane)	ND	1.3
5103-71-9	alpha-Chlordane	ND	1.3
5103-74-2	gamma-Chlordane	ND	1.3
72-54-8	4,4'-DDD	ND	1.3
72-55-9	4,4'-DDE	ND	1.3
50-29-3	4,4'-DDT	ND	1.3
60-57-1	Dieldrin	ND	1.3
33213-65-9	Endosulfan II	ND	1.3
7421-93-4	Endrin aldehyde	ND	1.3
959-98-8	Endosulfan I	ND	1.3
1031-07-8	Endosulfan sulfate	ND	1.3
72-20-8	Endrin	ND	1.3
53494-70-5	Endrin ketone	ND	1.3
76-44-8	Heptachlor	ND	1.3
1024-57-3	Heptachlor epoxide	ND	1.3
72-43-5	Methoxychlor	ND	1.3
8001-35-2	Toxaphene	ND	65

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	33%	10%-135%
Decachlorobiphenyl	34%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/03/06 By: TW
Method: 8100
QC Batch#: 42127
Units: mg/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 10.15 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: 6010315.D

Result	DL
Sample chromatogram shows a petroleum hydrocarbon pattern in the C16 to C36 alkane range. The total petroleum hydrocarbon concentration was determined utilizing a motor oil petroleum hydrocarbon standard, which most closely matches the petroleum hydrocarbon pattern for the submitted sample. The total petroleum hydrocarbon concentration is determined to be 1300.	19

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 30.02 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15277.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	330
83-32-9	Acenaphthene	59	13
208-96-8	Acenaphthylene	300	13
62-53-3	Aniline	ND	660
120-12-7	Anthracene	1000	13
56-55-3	Benzo[a]anthracene	1800	13
50-32-8	Benzo[a]pyrene	1700	13
205-99-2	Benzo[b]fluoranthene	2300	13
191-24-2	Benzo[g,h,i]perylene	620	13
207-08-9	Benzo[k]fluoranthene	930	13
65-85-0	Benzoic acid	ND	1600
100-51-6	Benzyl alcohol	ND	660
85-68-7	Benzyl butyl phthalate	ND	330
111-91-1	Bis(2-chloroethoxy)methane	ND	330
111-44-4	Bis(2-chloroethyl)ether	ND	330
108-60-1	Bis(2-chloroisopropyl)ether	ND	660
117-81-7	Bis(2-ethylhexyl)phthalate	ND	330
101-55-3	4-Bromophenyl phenyl ether	ND	330
59-50-7	4-Chloro-3-methylphenol	ND	330
106-47-8	4-Chloroaniline	ND	660
91-58-7	2-Chloronaphthalene	ND	330
95-57-8	2-Chlorophenol	ND	330
7005-72-3	4-Chlorophenyl phenyl ether	ND	330
218-01-9	Chrysene	2200	13
53-70-3	Dibenz[a,h]anthracene	130	13
84-74-2	Di-n-butyl phthalate	ND	330
117-84-0	Di-n-octyl phthalate	ND	330
132-64-9	Dibenzofuran	ND	660
95-50-1	1,2-Dichlorobenzene	ND	330
541-73-1	1,3-Dichlorobenzene	ND	330
106-46-7	1,4-Dichlorobenzene	ND	330
91-94-1	3,3-Dichlorobenzidine	ND	330
120-83-2	2,4-Dichlorophenol	ND	330
84-66-2	Diethyl phthalate	ND	330
131-11-3	Dimethyl phthalate	ND	330
105-67-9	2,4-Dimethylphenol	ND	330
51-28-5	2,4-Dinitrophenol	ND	330
121-14-2	2,4-Dinitrotoluene	ND	330
606-20-2	2,6-Dinitrotoluene	ND	330
206-44-0	Fluoranthene	ND	13
86-73-7	Fluorene	ND	13

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 30.02 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15277.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	330
87-68-3	Hexachlorobutadiene	ND	330
77-47-4	Hexachlorocyclopentadiene	ND	330
67-72-1	Hexachloroethane	ND	330
193-39-5	Indeno[1,2,3-cd]pyrene	30	13
78-59-1	Isophorone	ND	330
534-52-1	2-Methyl-4,6-dinitrophenol	ND	330
91-57-6	2-Methylnaphthalene	ND	330
95-48-7	2-Methylphenol	ND	330
	3- & 4-Methylphenols	ND	330
91-20-3	Naphthalene	240	13
88-74-4	2-Nitroaniline	ND	660
99-09-2	3-Nitroaniline	ND	660
100-01-6	4-Nitroaniline	ND	660
98-95-3	Nitrobenzene	ND	330
88-75-5	2-Nitrophenol	ND	330
100-02-1	4-Nitrophenol	ND	330
621-64-7	N-Nitrosodi-n-propylamine	ND	330
62-75-9	N-Nitrosodimethylamine	ND	330
86-30-6	N-Nitrosodiphenylamine	ND	330
87-86-5	Pentachlorophenol	ND	660
85-01-8	Phenanthrene	4200	13
108-95-2	Phenol	ND	330
129-00-0	Pyrene	5300	13
95-95-4	2,4,5-Trichlorophenol	ND	330
88-06-2	2,4,6-Trichlorophenol	ND	330
120-82-1	1,2,4-Trichlorobenzene	ND	330

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	80%	20%-117%
2-Fluorobiphenyl	65%	35%-118%
2-Fluorophenol	59%	24%-115%
4-Terphenyl-d14	107%	47%-135%
Nitrobenzene-d5	48%	39%-100%
Phenol-d6	59%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: MP
Date Analyzed: 01/09/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010325F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	0.20
11104-28-2	Aroclor 1221	ND	0.20
11141-16-5	Aroclor 1232	ND	0.20
53469-21-9	Aroclor 1242	ND	0.20
12672-29-6	Aroclor 1248	ND	0.20
11097-69-1	Aroclor 1254	ND	0.20
11096-82-5	Aroclor 1260	ND	0.20

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	83%	18%-127%
Decachlorobiphenyl	85%	14%-118%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/05/06 By: MP
Method: 8081A
QC Batch#: 42184
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010507F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.020
319-84-6	alpha-BHC	ND	0.020
319-85-7	beta-BHC	ND	0.020
319-86-8	delta-BHC	ND	0.020
59-89-9	gamma-BHC (Lindane)	ND	0.020
5103-71-9	alpha-Chlordane	ND	0.020
5103-74-2	gamma-Chlordane	ND	0.020
72-54-8	4,4'-DDD	ND	0.020
72-55-9	4,4'-DDE	ND	0.020
50-29-3	4,4'-DDT	ND	0.020
60-57-1	Dieldrin	ND	0.020
33213-65-9	Endosulfan II	ND	0.020
7421-93-4	Endrin aldehyde	ND	0.020
959-98-8	Endosulfan I	ND	0.020
1031-07-8	Endosulfan sulfate	ND	0.020
72-20-8	Endrin	ND	0.020
53494-70-5	Endrin ketone	ND	0.020
76-44-8	Heptachlor	ND	0.020
1024-57-3	Heptachlor epoxide	ND	0.020
72-43-5	Methoxychlor	ND	0.020
8001-35-2	Toxaphene	ND	1.0

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	116%	11%-121%
Decachlorobiphenyl	96%	9%-119%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/03/06 By: TW
Method: 8100
QC Batch#: 42127
Units: mg/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 1
Lab Data File: 6010306.D

Result	DL
No petroleum hydrocarbon pattern was detected in the submitted sample.	0.10

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: JD
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15269.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	5.0
83-32-9	Acenaphthene	ND	0.20
208-96-8	Acenaphthylene	ND	0.20
62-53-3	Aniline	ND	10
120-12-7	Anthracene	ND	0.20
56-55-3	Benzo[a]anthracene	ND	0.20
50-32-8	Benzo[a]pyrene	ND	0.20
205-99-2	Benzo[b]fluoranthene	ND	0.20
191-24-2	Benzo[g,h,i]perylene	ND	0.20
207-08-9	Benzo[k]fluoranthene	ND	0.20
65-85-0	Benzoic acid	ND	25
100-51-6	Benzyl alcohol	ND	10
85-68-7	Benzyl butyl phthalate	ND	5.0
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0
111-44-4	Bis(2-chloroethyl)ether	ND	5.0
108-60-1	Bis(2-chloroisopropyl)ether	ND	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND	5.0
101-55-3	4-Bromophenyl phenyl ether	ND	5.0
59-50-7	4-Chloro-3-methylphenol	ND	5.0
106-47-8	4-Chloroaniline	ND	10
91-58-7	2-Chloronaphthalene	ND	5.0
95-57-8	2-Chlorophenol	ND	5.0
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0
218-01-9	Chrysene	ND	0.20
53-70-3	Dibenz[a,h]anthracene	ND	0.20
84-74-2	Di-n-butyl phthalate	ND	5.0
117-84-0	Di-n-octyl phthalate	ND	5.0
132-64-9	Dibenzofuran	ND	10
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
91-94-1	3,3-Dichlorobenzidine	ND	5.0
120-83-2	2,4-Dichlorophenol	ND	5.0
84-66-2	Diethyl phthalate	ND	5.0
131-11-3	Dimethyl phthalate	ND	5.0
105-67-9	2,4-Dimethylphenol	ND	5.0
51-28-5	2,4-Dinitrophenol	ND	5.0
121-14-2	2,4-Dinitrotoluene	ND	5.0
606-20-2	2,6-Dinitrotoluene	ND	5.0
206-44-0	Fluoranthene	ND	0.20
86-73-7	Fluorene	ND	0.20

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: JD
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15269.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	5.0
77-47-4	Hexachlorocyclopentadiene	ND	5.0
67-72-1	Hexachloroethane	ND	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	ND	0.20
78-59-1	Isophorone	ND	5.0
534-52-1	2-Methyl-4,6-dinitrophenol	ND	5.0
91-57-6	2-Methylnaphthalene	ND	5.0
95-48-7	2-Methylphenol	ND	5.0
	3- & 4-Methylphenols	ND	5.0
91-20-3	Naphthalene	ND	0.20
88-74-4	2-Nitroaniline	ND	10
99-09-2	3-Nitroaniline	ND	10
100-01-6	4-Nitroaniline	ND	10
98-95-3	Nitrobenzene	ND	5.0
88-75-5	2-Nitrophenol	ND	5.0
100-02-1	4-Nitrophenol	ND	5.0
621-64-7	N-Nitrosodi-n-propylamine	ND	5.0
62-75-9	N-Nitrosodimethylamine	ND	5.0
86-30-6	N-Nitrosodiphenylamine	ND	5.0
87-86-5	Pentachlorophenol	ND	10
85-01-8	Phenanthrene	ND	0.20
108-95-2	Phenol	ND	5.0
129-00-0	Pyrene	ND	0.20
95-95-4	2,4,5-Trichlorophenol	ND	5.0
88-06-2	2,4,6-Trichlorophenol	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	70%	21%-96%
2-Fluorobiphenyl	81%	20%-90%
2-Fluorophenol	44%	10%-54%
4-Terphenyl-d14	97%	20%-107%
Nitrobenzene-d5	74%	21%-91%
Phenol-d6	25%	10%-43%

APPENDIX B

DATA VALIDATION COMPLETENESS CHECKLIST

FORMER GORHAM PROPERTY AND MASHAPAUG COVE PROJECT SAMPLING MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☐	☐
Groundwater field measurements (if applicable)	☐	☐
Soil sampling field measurements (if applicable)	☐	☐
Sediment sampling field measurements (if applicable)	☐	☐
Surface water sampling field measurements (if applicable)	☐	☐
Low-flow sampling field measurements (if applicable)	☐	☐
Documentation of field activities	☐	☐
Sample numbering and labeling	☐	☐
Chain-of-Custody records	☐	☐
Trip blanks	☐	☐
Duplicate samples	☐	☐
Equipment blanks	☐	☐
Split samples (if any)	☐	☐
2. LABORATORY MEASUREMENTS:		
Trip blanks	☑	☐
Instrument blanks	☑	☐
Laboratory control samples	☑	☐
Duplicates samples	☑	☐
Equipment blanks	☑	☐
Matrix spike/matrix spike duplicates	☑	☐
Analysis type	☑	☐
Chain-of-Custody records	☑	☐
Surrogate recoveries	☑	☐
Sample Project Narratives	☑	☐
Split samples (if any)	☐	☐ N/A

TOTAL: _____ _____

PERCENT COMPLETE: _____ %

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

1. SAMPLING AND FIELD MEASUREMENTS:	YES	NO	COMMENTS
Field measurement calibration records			
pH - ± 0.3 pH units	☐	☐	_____
S.C. - ± 5% of calibration solution, within calibration range?	☐	☐	_____
Temperature - ± 0.5 °C	☐	☐	_____
D.O. - ± 5% of calibration solution	☐	☐	_____
Groundwater field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	_____
Soil sampling field measurements (if applicable)			
OVM - ± 2 ppm	☐	☐	_____
OVA - ± 2 ppm	☐	☐	_____
Sediment sampling field measurements (if applicable)			
Descriptive information recorded?	☐	☐	_____
Surface water sampling field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	_____
Low-flow sampling field measurements (if applicable)			
S.C. - ± 10%	☐	☐	_____
pH - ± 0.2 pH units	☐	☐	_____
Temperature - ± 10%	☐	☐	_____
Turbidity - ±5 NTU	☐	☐	_____
Documentation of field activities			
Site-specific information documented in field notebook?	☐	☐	_____
Field data sheets completed?	☐	☐	_____
Sample numbering and labeling			
Sample numbering conforms to sample I.D. system identified in QAPP?	☐	☐	_____
Chain-of-Custody records			
Chain-of-Custody forms completed?	☐	☐	_____

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

	YES	NO	COMMENTS
Trip blanks			
Trip blanks submitted, one per day?	☐	☐	
Any compounds detected in trip blanks?	☐	☐	
Duplicate samples			
Field duplicates performed, 1/20 samples?	☐	☐	
Duplicates performed on 10% of samples screened for explosives?	☐	☐	
Is percent difference within 30% for all field parameters?	☐	☐	
Equipment blanks			
Equipment blanks submitted, one per sampling day?	☐	☐	
Any compounds detected in equipment blank?	☐	☐	
Split samples (if any)			
Split samples collected?	☐	☐	
Is percent difference within 30% for split samples?	☐	☐	

2. LABORATORY MEASUREMENTS:

Trip blanks			
Trip blanks submitted, one per day?	☑	☐	
Any compounds detected in trip blanks?	☑	☐	
Instrument blanks**	☑	☐	
Laboratory control samples**	☑	☐	
Duplicates samples**	☑	☐	
Equipment blanks**	☑	☐	
Matrix spike/matrix spike duplicates**	☑	☐	see narrative
Analysis type	☑	☐	
Chain-of-Custody records	☑	☐	
Surrogate recoveries**	☑	☐	See narrative
Sample Project Narratives	☑	☐	
Split samples (if any)**	☐	☐	N/A
Most recent EPA WP-PE sample results**	☐	☐	N/A

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Traffic Report	☐	☐	N/A
3.	Volatiles Data	☑	☐	
a.	Sample Data			
	Target Compound List (TCL) Results	☒	☐	
	Reconstructed total ion chromatograms (RIC) for each sample	☒	☐	
	For each sample:			
	Raw spectra and background-subtracted mass spectra of target compounds identified	☒	☐	
	Mass spectra of all reported TICs with three best library matches	☒	☐	
	Percent solids calculations	☒	☐	
b.	Standards Data (all instruments)			
	Initial Calibration Data	☒	☐	
	RICs and Quan Reports for all Standards	☒	☐	
	Continuing Calibration	☒	☐	
	RICs and Quan Reports for all Standards	☒	☐	
	Internal Standard Area Summary	☒	☐	
c.	Raw QC Data			
	Blank Data	☐	☐	
	Matrix Spike Data	☐	☐	
	Matrix Spike Duplicate Data	☐	☐	
4.	Semivolatiles Data			
a.	QC Summary			
	Surrogate Percent Recovery Summary	☒	☐	see variances
	MS/MSD Summary	☒	☐	see variances
	Method Blank Summary	☒	☐	
	Tuning and Mass Calibration	☒	☐	

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☒	☐	
Tentatively Identified Compounds	☐	☒	NO TICS
Reconstructed total ion chromatograms (RIC) for each sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of TCL compounds	☒	☐	
Mass spectra of TICs with 3 best library matches	☐	☒	NO TICS
GPC chromatograms (if GPC performed)	☐	☒	NO GPC
c. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Areas Summary	☒	☐	
Internal Standard Areas Summary	☒	☐	
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☒	☐	
Blank Data	☒	☐	
Matrix Spike Data	☒	☐	
Matrix Spike Duplicate Data	☒	☐	
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☒	☐	
Internal sample & sample extract transfer chain-of custody records	☒	☐	
Screening Records	☒	☐	
All instrument output, including strip charts from screening activities (describe or list)	☒	☐	

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FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

	PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**		
	YES	NO	COMMENTS
6. Chain-of-Custody Records	☑	☐	
Sample Log-in Sheet (Lab & DC1)	☑	☐	
Miscellaneous Shipping/Receiving Records (describe or list)	☐	☐	NA
7. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list) ref. logbooks	☑	☐	
8. Other Records (describe or list)	☐	☐	

9. Comments:

** See laboratory Quality Assurance Plan for limits.

Completed by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

FUSS&O'NEILL

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Inorganic Analysis Data Sheet	☑	☐	
3.	Initial and Continuing Calibration Verification	☑	☐	
4.	CRDL Standard for AA and ICP	☑	☐	
5.	Blanks	☑	☐	
6.	ICP Interference Check Sample	☑	☐	
7.	Spike Sample Recovery	☑	☐	See narrative
8.	Post Digest Spike Sample Recovery	☐	☐	NA
9.	Duplicates	☑	☐	
10.	Laboratory Control Sample	☑	☐	
11.	Standard Addition Results	☐	☐	NA
12.	ICP Serial Dilutions	☑	☐	
13.	Instrument Detection Limits, Quarterly	☑	☐	
4.	ICP Interelement Correction Factors, Annually	☑	☐	
15.	ICP Linear Ranges Quarterly	☑	☐	
16.	Preparation Log	☑	☐	
17.	Analysis Run Log	☑	☐	
18.	ICP Raw Data	☑	☐	
19.	Furnace AA Raw Data	☐	☐	NA
20.	Mercury Raw Data	☑	☐	
21.	Percent Solids Calculations	☑	☐	
22.	Digestion Logs	☑	☐	
23.	EPA Shipping/Receiving Records (List all individual records)	☑	☐	
	Chain-of Custody Records	☑	☐	
	Sample Log-In sheet	☑	☐	LIMS
24.	Miscellaneous Shipping/Receiving Records (List all individual records)	☐	☐	

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FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

		PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**		
		YES	NO	COMMENTS
25.	Internal Lab Sample Transfer Records and Tracking Sheets (Describe or List)			
	ref. logbook	☑	☐	
		☐	☐	
26.	Internal Original Sample Preparation and analysis Records			
	(Describe or List	☑	☐	
	Preparation Records logbooks	☑	☐	
	Analysis Records hard copy + electronic backup	☑	☐	
	Description	☐	☐	
27.	Other Records (Describe or List)			
		☐	☐	
		☐	☐	
28.	Comments:			

** See laboratory Quality Assurance Plan for limits.

Completed by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

E512E71

Fuss & O'Neill Inc.
consulting engineers
Environmental Field Services

CHAIN-OF-CUSTODY RECORD No. 63143

FUSS & O'NEILL, INC.
146 HARTFORD ROAD
MANCHESTER, CT 06040
(860) 646-2469

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
RIDEM - Gorham Mfg	Providence, RI	20051057.A10	Premier

REPORT TO: See Aprf
INVOICE TO: ↓
P. O. #:

Source Codes: B=Bottom Sediment; L=Lake/Pond/Ocean; LF=Landfill; MW=Monitor Well; O=Outfall; PW=Potable Water; R=River/Stream; RO=Run Off; S=Soil; SG=Sludge; ST=Septic Tank; T=Treatment Facility; W=Well; X= Other, Specify Equipment Blank ; TB = Trip Blank

ITEM NUMBER	SAMPLE NUMBER	SOURCE CODE	CONTAINER NO.	CONTAINER TYPE	CONTAINER SIZE	CONTAINER PRESERV.	ANALYSIS REQUIRED	COMMENTS	TRANSFER NUMBER & CHECK 1	2	3	4
1	699051228 -06	B	4	G	40z	I	See APRF	SCANNED COC	✓	✓		
2	-07											
3	-08											
4	-09											
5	-10											
6	-11	↓	↓	↓	↓	↓						
7	-12	X	1	P	200mL	N/I						
8	-12		1	P	1000mL	S/I						
9	-12		5	A	1000mL	I						
10	-12		2	A	1000mL	O/I						
11	-12	↓	2	V	40mL	H/I						
12	-14	TB	1	↓	↓	↓			↓	↓		

Container Code: P=Plastic; V=VOA Vial; C=Cube; G=Glass; A=Amber Glass; T=Teflon Lid; B=Bacteria Bottle

Preservative Code: I=Iced; F=Filtered; N=Nitric Acid [HNO_3]; H=Hydrochloric Acid [HCl]; S=Sodium Hydroxide [NaOH]; T=Sodium Thiosulfate [$Na_2S_2O_3$]; B=Sodium Bisulfate [$NaHSO_4$]; O=Sulfuric Acid [H_2SO_4]; A=Ascorbic Acid [$C_6H_8O_6$]; X=Other, Specify

Sampler's Signature	Affiliation	Date	Time
[signature]	F&O	12.28.05	1546

ADDITIONAL COMMENTS:
Trip Blank & Equipment Blank Included

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-12	[signature]	F&O RM Fridge	12.28.05	1550
2	1-3	F&O Fridge	[signature]	12/29/05	1045
3	1-12	[signature]	AK [signature]	12-29-05	1045
4	1-12	[signature]	[signature]	12-29-05	1555

F&O 500

Analytical Parameter Request

Project #: **20051057.A10**	Date Sampled: **December 28, 2005**
Project Name: **RIDEM-Gorham Mfg**	Date Submitted: **December 29, 2005**
Laboratory: **Premier Laboratory**	Submittor: **Josh Wilson, F&O**

FUSS & O'NEILL
Disciplines to Deliver

Report To: **Fuss & O'Neill, Inc., Providence, RI**	Attention: **David Foss**

Invoice to: **RIDEM in accordance with laboratory's Master Price Agreement** Mailing Address: **235 Promenade Street** City, State, Zip: **Providence, RI 02908** Special Instructions: **- All samples in this APRF contain SEDIMENT/SOIL samples** **- We request that the laboratory complete the Data Validation Completeness Checklist, attached**	Attention: **Joesph Martella, II** Phone #: **401-222-4700 ext. 7109**

COC #	Sample ID	COC #	Sample ID	COC #	Sample ID
63143	699051228-06	63143	699051228-12		
	-07	↓	↓ -14		
	-08				
	-09				
	-10				
↓	↓ -11				

Comments:

1	Blank(s) included in sample
1	Duplicate(s) included in sample

Requested Parameters

Analyses to be conducted in accordance with QAPP (revision 1.2) dated December 2005. Detection limits have been copied from QAPP and are attached. (Tables 3-2 and 3-3)

ANALYSES	SEDIMENT	SOIL
TPH (8100M)	Yes	No
VOCs (8260)	Yes	No
SVOCs (8270)	Yes	Yes
Priority Pollutant Metals (6010/7470) *	Yes	Yes
Cyanide (9012)	Yes	Yes
Pesticides (8081A)	Yes	Yes
PCBs (8082)	Yes	Yes

* BARIUM Added per DAVEFOSS 1/6/06. RW

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
Antimony	10	820	NE	NE	0.50	0.010
Arsenic	7.0	7.0	NE	NE	0.50	0.010
Beryllium	0.4	1.3	NE	NE	0.05	0.001
Cadmium	39	1,000	NE	NE	0.10	0.002
Chromium, Trivalent	1,400	10,000	NE	NE	0.50	0.010
Chromium, Hexavalent	390	10,000	NE	NE	0.50	0.050
Copper	3,100	10,000	NE	NE	0.50	0.010
Lead	150	500	NE	NE	0.20	0.004
Mercury	23	610	NE	NE	0.02	0.0002
Nickel	1,000	10,000	NE	NE	0.50	0.010
Selenium	390	10,000	NE	NE	0.50	0.010
Thallium	5.5	140	NE	NE	0.25	0.005
Zinc	6,000	10,000	NE	NE	0.50	0.010
Cyanide	200	10,000	NE	NE	0.25	0.01
PCBs	10	10	10.0	NE	0.013	0.0002
Acetone	7,800	10,000	NE	NE	0.02	0.02
Benzene	2.5	200	4.3	0.14	0.005	0.005
Bromodichloromethane	10	92	NE	NE	0.005	0.005
Bromoform	81	720	NE	NE	0.005	0.005
Bromomethane	0.8	2,900	NE	NE	0.005	0.005
Carbon Tetrachloride	1.5	44	5.0	0.07	0.005	0.005
Chlorobenzene	210	10,000	100	3.2	0.005	0.005
Chloroform	1.2	940	NE	NE	0.005	0.005
Dibromochloromethane	7.6	68	NE	NE	0.005	0.005
1,2-Dibromo-3-chloropropane	0.5	4.1	NE	0.002	0.005	0.001
1,1-Dichloroethane	920	10,000	NE	NE	0.005	0.005
1,2-Dichloroethane	0.9	63	2.3	0.11	0.005	0.005
1,1-Dichloroethene	0.2	9.5	0.7	0.007	0.005	0.005
cis-1,2-Dichloroethene	630	10,000	60	2.4	0.005	0.005

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
trans-1,2-Dichloroethene	1,100	10,000	92	2.8	0.005	0.005
1,2-Dichloropropane	1.9	84	70	3.0	0.005	0.005
Ethylbenzene	71	10,000	62	1.6	0.005	0.005
Ethylene dibromide	0.01	0.07	NE	NE	0.005	0.005
Isopropylbenzene	27	10,000	NE	NE	0.005	0.005
Methyl ethyl ketone	10,000	10,000	NE	NE	0.02	0.02
Methyl isobutyl ketone	1,200	10,000	NE	NE	0.02	0.02
Methyl t-butyl ether	390	10,000	100	5.0	0.005	0.005
Methylene chloride	45	760	NE	NE	0.005	0.005
Styrene	13	190	64	2.2	0.005	0.005
1,1,1,2-Tetrachloroethane	2.2	220	NE	NE	0.005	0.005
1,1,2,2-Tetrachloroethane	1.3	29	NE	NE	0.005	0.005
Tetrachloroethene	12	110	4.2	0.15	0.005	0.005
Toluene	190	10,000	54	1.7	0.005	0.005
1,1,1-Trichloroethane	540	10,000	160	3.1	0.005	0.005
1,1,2-Trichloroethane	3.6	100	NE	NE	0.005	0.005
Trichloroethene	13	520	20	0.54	0.005	0.005
Vinyl chloride	0.02	3.0	NE	NE	0.005	0.005
Xylenes (total)	110	10,000	NE	NE	0.005	0.005
Acenaphthene	43	10,000	NE	NE	0.167	0.005
Acenaphthylene	23	10,000	NE	NE	0.167	0.005
Anthracene	35	10,000	NE	NE	0.167	0.005
Benzo(a)anthracene	0.9	7.8	NE	NE	0.167	0.005
Benzo(a)pyrene	0.4	0.8	NE	NE	0.167	0.005
Benzo(b)fluoranthene	0.9	7.8	NE	NE	0.167	0.005
Benzo(g,h,i)perylene	0.8	10,000	NE	NE	0.167	0.005
Benzo(k)fluoranthene	0.9	78	NE	NE	0.167	0.005
1,1-Biphenyl	0.8	10,000	NE	NE	0.167	0.005
bis(2-ethylhexyl)phthalate	46	410	NE	NE	0.167	0.005

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
bis(2-chloroethyl)ether	0.6	5.2	NE	NE	0.167	0.005
bis(2-chloroisopropyl)ether	9.1	82	NE	NE	0.167	0.005
4-chloroaniline	310	8,200	NE	NE	0.167	0.005
2-Chlorophenol	50	10,000	NE	NE	0.167	0.005
Chrysene	0.4	780	NE	NE	0.167	0.005
Dibenzo(a,h)anthracene	0.4	0.8	NE	NE	0.167	0.005
o-Dichlorobenzene	510	10,000	NE	NE	0.167	0.005
m-Dichlorobenzene	430	10,000	NE	NE	0.167	0.005
p-Dichlorobenzene	27	240	NE	NE	0.167	0.005
3,3-Dichlorobenzidine	1.4	13	NE	NE	0.167	0.005
2,4-Dichlorophenol	30	6,100	NE	NE	0.167	0.005
Diethyl phthalate	340	10,000	NE	NE	0.167	0.005
2,4-Dimethyl phenol	1,400	10,000	NE	NE	0.167	0.005
Dimethyl phthalate	1,900	10,000	NE	NE	0.167	0.005
2,4-Dinitrophenol	160	4,100	NE	NE	0.167	0.005
2,4-Dinitrotoluene	0.9	8.4	NE	NE	0.167	0.005
Fluoranthene	20	10,000	NE	NE	0.167	0.005
Fluorene	28	10,000	NE	NE	0.167	0.005
Hexachlorobenzene	0.4	3.6	NE	NE	0.167	0.005
Hexachlorobutadiene	8.2	73	NE	NE	0.167	0.005
Hexachloroethane	46	410	NE	NE	0.167	0.005
Indeno(1,2,3-cd)pyrene	0.9	7.8	NE	NE	0.167	0.005
2-Methylnaphthalene	123	10,000	NE	NE	0.167	0.005
Naphthalene	54	10,000	NE	NE	0.167	0.005
Pentachlorophenol	5.3	48	NE	NE	0.167	0.005
Phenanthrene	40	10,000	NE	NE	0.167	0.005
Phenol	6,000	10,000	NE	NE	0.167	0.005
Pyrene	13	10,000	NE	NE	0.167	0.005
1,2,4-Trichlorobenzene	96	10,000	NE	NE	0.167	0.005

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
2,4,5-Trichlorophenol	330	10,000	NE	NE	0.167	0.005
2,4,6-Trichlorophenol	58	520	NE	NE	0.167	0.005
Aldrin	NE	NE	NE	NE	0.00067*	0.00002
alpha-BHC	NE	NE	NE	NE	0.00067*	0.00002
beta-BHC	NE	NE	NE	NE	0.00067*	0.00002
delta-BHC	NE	NE	NE	NE	0.00067*	0.00002
gamma-BHC (Lindane)	NE	NE	NE	NE	0.00067*	0.00002
alpha-Chlordane	NE	NE	NE	NE	0.00067*	0.00002
gamma-Chlordane	NE	NE	NE	NE	0.00067*	0.00002
4,4'-DDD	NE	NE	NE	NE	0.00067*	0.00002
4,4'-DDE	NE	NE	NE	NE	0.00067*	0.00002
4,4'-DDT	NE	NE	NE	NE	0.00067*	0.00002
Dieldrin	0.04	0.4	NE	NE	0.00067*	0.00002
Endosulfan I	NE	NE	NE	NE	0.00067*	0.00002
Endosulfan II	NE	NE	NE	NE	0.00067*	0.00002
Endosulfan sulfate	NE	NE	NE	NE	0.00067*	0.00002
Endrin	NE	NE	NE	NE	0.00067*	0.00002
Endrin aldehyde	NE	NE	NE	NE	0.00067*	0.00002
Heptachlor	NE	NE	NE	NE	0.00067*	0.00002
Heptachlor epoxide	NE	NE	NE	NE	0.00067*	0.00002
Methoxychlor	NE	NE	NE	NE	0.00067*	0.00002
Toxaphene	NE	NE	NE	NE	0.00067*	0.00002
Total Petroleum Hydrocarbons	500~~NE~~	2500~~NE~~	NE	NE	10	0.100
1,2,3,7,8-PeCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,6,7,8-HxCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,7,8-HxCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,7,8,9-HxCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,6,7,8-HpCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,5,6,7,8-OCDD	NE	NE	NE	NE	0.001	0.0000001

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
2,3,7,8-TCDF	NE	NE	NE	NE	0.0001	0.00000001
1,2,3,7,8-PeCDF	NE	NE	NE	NE	0.0005	0.00000005
2,3,4,7,8-PeCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,6,7,8-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,7,8,9-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,7,8-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
2,3,4,6,7,8-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2.3,4,6,7,8-HpCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,7,8,9-HpCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,5,6,7,8-OCDF	NE	NE	NE	NE	0.001	0.0000001

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
Antimony	mg/Kg	2.0[b]	0.50	1.00
Arsenic	mg/Kg	9.79[a]	1.00	2.00
Beryllium	mg/Kg	NE	0.050	0.10
Cadmium	mg/Kg	0.99[a]	0.20	0.40
Chromium, Trivalent	mg/Kg	43.4[a]	1.00	2.00
Chromium, Hexavalent	mg/Kg	43.4[a]	0.50	1.00
Copper	mg/Kg	31.6[a]	1.00	2.00
Lead	mg/Kg	35.8[a]	0.40	0.80
Mercury	mg/Kg	0.18[a]	0.01	0.02
Nickel	mg/Kg	22.7[a]	1.00	2.00
Selenium	mg/Kg	NE	0.50	1.00
Thallium	mg/Kg	NE	0.25	0.50
Zinc	mg/Kg	121[a]	1.00	2.00
Cyanide	mg/Kg	0.0001[c,g]	0.25	0.50
PCBs	µg/Kg	59.8[b]	13	26
Acetone	µg/Kg	8.7[d]	20	40
Benzene	µg/Kg	57[e]	5	10
Bromodichloromethane	µg/Kg	NE	5	10
Bromoform	µg/Kg	650[d,e]	5	10
Bromomethane	µg/Kg	NE	5	10
Carbon Tetrachloride	µg/Kg	47[d]	5	10
Chlorobenzene	µg/Kg	410[d]	5	10
Chloroform	µg/Kg	22[d]	5	10
Dibromochloromethane	µg/Kg	NE	5	10
1,2-Dibromo-3-chloropropane	µg/Kg	NE	5	10
1,1-Dichloroethane	µg/Kg	27[d]	5	10
1,2-Dichloroethane	µg/Kg	250[d]	5	10
1,1-Dichloroethene	µg/Kg	31[d]	5	10
cis-1,2-Dichloroethene	µg/Kg	400[d]	5	10
trans-1,2-Dichloroethene	µg/Kg	400[d]	5	10
1,2-Dichloropropane	µg/Kg	NE	5	10

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
Ethylbenzene	µg/Kg	NE	5	10
Ethylene dibromide	µg/Kg	NE	5	10
Isopropylbenzene	µg/Kg	NE	5	10
Methyl ethyl ketone	µg/Kg	NE	20	40
Methyl isobutyl ketone	µg/Kg	NE	20	40
Methyl t-butyl ether	µg/Kg	NE	5	10
Methylene chloride	µg/Kg	NE	5	10
Styrene	µg/Kg	NE	5	10
1,1,1,2-Tetrachloroethane	µg/Kg	NE	5	10
1,1,2,2-Tetrachloroethane	µg/Kg	940[e]	5	10
Tetrachloroethene	µg/Kg	410[d]	5	10
Toluene	µg/Kg	50[d]	5	10
1,1,1-Trichloroethane	µg/Kg	30[d]	5	10
1,1,2-Trichloroethane	µg/Kg	1200[d]	5	10
Trichloroethene	µg/Kg	220[d]	5	10
Vinyl chloride	µg/Kg	NE	5	10
Xylenes (total)	µg/Kg	160[d]	5	10
Acenaphthene	µg/Kg	NE	6.7	13.4
Acenaphthylene	µg/Kg	NE	6.7	13.4
Anthracene	µg/Kg	57.2[b]	6.7	13.4
Benzo(a)anthracene	µg/Kg	31.7[f]	6.7	13.4
Benzo(a)pyrene	µg/Kg	31.9[f]	6.7	13.4
Benzo(b)fluoranthene	µg/Kg	NE	6.7	13.4
Benzo(g,h,i)perylene	µg/Kg	170[g]	6.7	13.4
Benzo(k)fluoranthene	µg/Kg	240[g]	6.7	13.4
1,1-Biphenyl	µg/Kg	1100[d,e]	167	334
bis(2-ethylhexyl)phthalate	µg/Kg	89,000[d]	167	334
bis(2-chloroethyl)ether	µg/Kg	NE	167	334
bis(2-chloroisopropyl)ether	µg/Kg	NE	167	334
4-chloroaniline	µg/Kg	NE	167	334
2-Chlorophenol	µg/Kg	NE	167	334

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
Chrysene	µg/Kg	166[a]	6.7	13.4
Dibenzo(a,h)anthracene	µg/Kg	6.22[h]	6.7	13.4
o-Dichlorobenzene	µg/Kg	330[d]	167	334
m-Dichlorobenzene	µg/Kg	1700[d]	167	334
p-Dichlorobenzene	µg/Kg	340[d]	167	334
3,3-Dichlorobenzidine	µg/Kg	NE	167	334
2,4-Dichlorophenol	µg/Kg	NE	167	334
Diethyl phthalate	µg/Kg	600[d]	167	334
2,4-Dimethyl phenol	µg/Kg	NE	167	334
Dimethyl phthalate	µg/Kg	NE	167	334
2,4-Dinitrophenol	µg/Kg	NE	167	334
2,4-Dinitrotoluene	µg/Kg	NE	167	334
Fluoranthene	µg/Kg	423[a]	6.7	13.4
Fluorene	µg/Kg	77.4[a]	6.7	13.4
Hexachlorobenzene	µg/Kg	NE	167	334
Hexachlorobutadiene	µg/Kg	1000[d]	167	334
Hexachloroethane	µg/Kg	NE	167	334
Indeno(1,2,3-cd)pyrene	µg/Kg	200[g]	6.7	13.4
2-Methylnaphthalene	µg/Kg	130[d]	167	334
Naphthalene	µg/Kg	176[a]	6.7	13.4
Pentachlorophenol	µg/Kg	NE	167	334
Phenanthrene	µg/Kg	204[a]	6.7	13.4
Phenol	µg/Kg	NE	167	334
Pyrene	µg/Kg	53[h]	6.7	13.4
1,2,4-Trichlorobenzene	µg/Kg	9200[d]	167	334
2,4,5-Trichlorophenol	µg/Kg	NE	167	334
2,4,6-Trichlorophenol	µg/Kg	NE	167	334
Total Petroleum Hydrocarbons	µg/Kg	NE	10	20
2,3,7,8-TCDD	ng/Kg	NE	1.0	2.0
1,2,3,7,8-PeCDD	µg/Kg	NE	5.0	10
1,2,3,6,7,8-HxCDD	µg/Kg	NE	5.0	10

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
1,2,3,4,7,8-HxCDD	µg/Kg	NE	5.0	10
1,2,3,7,8,9-HxCDD	µg/Kg	NE	5.0	10
1,2,3,4,6,7,8-HpCDD	µg/Kg	NE	5.0	10
1,2,3,4,5,6,7,8-OCDD	µg/Kg	NE	10	20
2,3,7,8-TCDF	µg/Kg	NE	1.0	2.0
1,2,3,7,8-PeCDF	µg/Kg	NE	5.0	10
2,3,4,7,8-PeCDF	µg/Kg	NE	5.0	10
1,2,3,6,7,8-HxCDF	µg/Kg	NE	5.0	10
1,2,3,7,8,9-HxCDF	µg/Kg	NE	5.0	10
1,2,3,4,7,8-HxCDF	µg/Kg	NE	5.0	10
2,3,4,6,7,8-HxCDF	µg/Kg	NE	5.0	10
1,2.3.4.6.7.8-HpCDF	µg/Kg	NE	5.0	10
1,2,3,4,7,8,9-HpCDF	µg/Kg	NE	5.0	10
1,2,3,4,5,6,7,8-OCDF	µg/Kg	NE	10	20

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ANALYTICAL DATA REPORT

Report Number: E512E72
Project: 20051057.A10/Gorham

prepared for:

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Received Date: 12/29/2005
Report Date: 3/10/2006

Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246), CT (PH-0465), MA (M-CT008)
ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246)

Premier
Laboratory, LLC

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Report No: E512E72
Client: Fuss & O'Neill
Project: 20051057.A10/Gorham

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory received seven samples from Fuss & O'Neill on 12/29/2005. The samples were analyzed from the following list of analyses:

Cyanide, Total, by 9012 in GW/SW
9012[9012]
PCB's by 8082 in GW/SW
8082[3500]
Semivolatiles by 8270C for GW/SW
8270C[3500]
Trace Priority Pollutant (13) Metals in Water
6010B[3000], 7470A[245.1]
Mercury by 7471 in SW
Moisture, Percent
Pesticides by 8081A in GW/SW
8081A[3500]
Trace Priority Pollutant (13) Metals in Soil
6010B[3000], 7471[7471]

Variances:

SDG:

None reported.

Method:

None reported.

QA/QC:

Sample 1, 743051228-01, Semivolatiles by SW-846 8270C: One surrogate spike was outside quality control limits for the sample, due to matrix interference.

Sample 1, 743051228-01, Semivolatiles by SW-846 8270C: Two internal standard areas were outside quality control limits for the sample due to matrix interference.

Sample 2, 743051228-02, PCB's by 8082: One surrogate spike was outside quality control limits for the sample on the confirmation column , due to matrix interference. Both surrogates were within limits for the primary column.

Sample 2, 743051228-02, PCB's by 8082: The detection limits are elevated for the sample due to matrix interference.

Sample 2, 743051228-02, Semivolatiles by SW-846 8270C: One internal standard was outside quality control limits for the sample due to matrix interference.

Premier
Laboratory, LLC

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Report No: E512E72
Client: Fuss & O'Neill
Project: 20051057.A10/Gorham

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY (continued)

QA/QC (continued):

Sample 3, 743051228-03, Semivolatiles by SW-846 8270C: One internal standard was outside quality control limits for the sample due to matrix interference.

Sample 4, 743051228-04, PCB's by 8082: Aroclor 1260 recovery for the matrix spike/ matrix spike duplicate was above the established control limits, and only two peaks were evaluated due to matrix interference. The associated LCS recoveries were within the established quality control limits.

Sample 4, 743051228-04, PCB's by 8082: The detection limits are elevated for the sample due to matrix interference.

Sample 4, 743051228-04, Semivolatiles by SW-846 8270C: Two internal standard areas were outside quality control limits for the sample due to matrix interference.

Sample 4, 743051228-04, Trace Metals by 6010B: The matrix spike/ matrix spike duplicate recoveries for Cr, Cu, and Ni were outside of the established control limits due to matrix interference. The associated LCS recoveries were within the established quality control limits.

Sample 5C, 743051228-16, PCB's by 8082: The detection limits are elevated for the sample due to matrix interference.

Sample 6, 743051228-17, PCB's by 8082: The detection limits are elevated for the sample due to matrix interference.

Sample 6, 743051228-17, Semivolatiles by SW-846 8270C: One surrogate spike was outside quality control limits for the sample, due to matrix interference.

Sample 6, 743051228-17, Semivolatiles by SW-846 8270C: Two internal standard areas were outside quality control limits for the sample due to matrix interference.

Sample 7, 743051228-18, Semivolatiles by SW-846 8270C: Two internal standard areas were outside quality control limits for the sample due to matrix interference.

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E72
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(1) 743051228-01							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.53	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	3.2	0.47	mg/kg	01/09/06	10:54	BSZ	
Arsenic	ND	4.7	mg/kg	01/09/06	10:54	BSZ	10
Barium	380	0.47	mg/kg	01/09/06	10:54	BSZ	
Beryllium	1.4	0.047	mg/kg	01/09/06	10:54	BSZ	
Cadmium	5.7	0.095	mg/kg	01/09/06	10:54	BSZ	
Chromium	92	0.47	mg/kg	01/09/06	10:54	BSZ	
Copper	2200	4.7	mg/kg	01/09/06	10:54	BSZ	10
Lead	14000	9.5	mg/kg	01/09/06	10:54	BSZ	50
Nickel	290	0.47	mg/kg	01/09/06	10:54	BSZ	
Selenium	ND	0.47	mg/kg	01/09/06	10:54	BSZ	
Silver	85	0.095	mg/kg	01/09/06	10:54	BSZ	
Thallium	43	0.24	mg/kg	01/09/06	10:54	BSZ	
Zinc	2100	4.7	mg/kg	01/09/06	10:54	BSZ	10
Mercury by SW-846 7471 in SW	0.034	0.021	mg/kg	01/04/06		AM	
(2) 743051228-02							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.58	mg/kg	01/06/06	13:34	DDD	
Trace Metals by 6010B							
Antimony	3.3	0.52	mg/kg	01/09/06	10:59	BSZ	
Arsenic	6.6	0.52	mg/kg	01/09/06	10:59	BSZ	
Barium	180	0.52	mg/kg	01/09/06	10:59	BSZ	
Beryllium	1.0	0.052	mg/kg	01/09/06	10:59	BSZ	
Cadmium	1.4	0.10	mg/kg	01/09/06	10:59	BSZ	
Chromium	32	0.52	mg/kg	01/09/06	10:59	BSZ	
Copper	410	1.0	mg/kg	01/09/06	10:59	BSZ	2
Lead	390	0.21	mg/kg	01/09/06	10:59	BSZ	
Nickel	390	0.52	mg/kg	01/09/06	10:59	BSZ	
Selenium	ND	0.52	mg/kg	01/09/06	10:59	BSZ	
Silver	110	0.10	mg/kg	01/09/06	10:59	BSZ	
Thallium	ND	0.26	mg/kg	01/09/06	10:59	BSZ	
Zinc	230	0.52	mg/kg	01/09/06	10:59	BSZ	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E72
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(2) 743051228-02 (continued)							
Date Collected: 12/28/2005 Matrix: Solid							
Mercury by SW-846 7471 in SW	1.6	0.046	mg/kg	01/04/06		AM	2
(3) 743051228-03							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.99	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	2.4	0.89	mg/kg	01/09/06	11:25	BSZ	
Arsenic	2.1	0.89	mg/kg	01/09/06	11:25	BSZ	
Barium	510	0.89	mg/kg	01/09/06	11:25	BSZ	
Beryllium	0.56	0.089	mg/kg	01/09/06	11:25	BSZ	
Cadmium	7.8	0.18	mg/kg	01/09/06	11:25	BSZ	
Chromium	64	0.89	mg/kg	01/09/06	11:25	BSZ	
Copper	1200	8.9	mg/kg	01/09/06	11:25	BSZ	10
Lead	2900	3.6	mg/kg	01/09/06	11:25	BSZ	10
Nickel	91	0.89	mg/kg	01/09/06	11:25	BSZ	
Selenium	ND	0.89	mg/kg	01/09/06	11:25	BSZ	
Silver	250	0.18	mg/kg	01/09/06	11:25	BSZ	
Thallium	ND	0.44	mg/kg	01/09/06	11:25	BSZ	
Zinc	1400	1.8	mg/kg	01/09/06	11:25	BSZ	2
Mercury by SW-846 7471 in SW	3.9	0.20	mg/kg	01/04/06		AM	5
(4) 743051228-04							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.54	mg/kg	01/06/06		DDD	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E72
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(4) 743051228-04 (continued)							
Date Collected: 12/28/2005 Matrix: Solid							
Trace Metals by 6010B							
Antimony	ND	0.48	mg/kg	01/09/06	10:31	BSZ	
Arsenic	2.1	0.48	mg/kg	01/09/06	10:31	BSZ	
Barium	18	0.48	mg/kg	01/09/06	10:31	BSZ	
Beryllium	0.21	0.048	mg/kg	01/09/06	10:31	BSZ	
Cadmium	0.18	0.097	mg/kg	01/09/06	10:31	BSZ	
Chromium	23	0.48	mg/kg	01/09/06	10:31	BSZ	
Copper	68	0.48	mg/kg	01/09/06	10:31	BSZ	
Lead	45	0.19	mg/kg	01/09/06	10:31	BSZ	
Nickel	14	0.48	mg/kg	01/09/06	10:31	BSZ	
Selenium	ND	0.48	mg/kg	01/09/06	10:31	BSZ	
Silver	4.3	0.097	mg/kg	01/09/06	10:31	BSZ	
Thallium	ND	0.24	mg/kg	01/09/06	10:31	BSZ	
Zinc	53	0.48	mg/kg	01/09/06	10:31	BSZ	
Mercury by SW-846 7471 in SW	0.060	0.021	mg/kg	01/04/06		AM	
(5) 743051228-16							
Date Collected: 12/28/2005 Matrix: Aqueous							
Cyanide, Total, by SW-846 9012	ND	0.010	mg/L	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	ND	0.010	mg/L	01/09/06		BSZ	
Arsenic	ND	0.010	mg/L	01/09/06		BSZ	
Barium	ND	0.010	mg/L	01/09/06		BSZ	
Beryllium	ND	0.0010	mg/L	01/09/06		BSZ	
Cadmium	ND	0.0020	mg/L	01/09/06		BSZ	
Chromium	ND	0.010	mg/L	01/09/06		BSZ	
Copper	ND	0.010	mg/L	01/09/06		BSZ	
Lead	ND	0.0040	mg/L	01/09/06		BSZ	
Nickel	ND	0.010	mg/L	01/09/06		BSZ	
Selenium	ND	0.010	mg/L	01/09/06		BSZ	
Silver	ND	0.0020	mg/L	01/09/06		BSZ	
Thallium	ND	0.0050	mg/L	01/09/06		BSZ	
Zinc	ND	0.010	mg/L	01/09/06		BSZ	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	01/10/06		AM	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E72
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(6) 743051228-17							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.61	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	4.9	0.55	mg/kg	01/09/06	11:30	BSZ	
Arsenic	11	0.55	mg/kg	01/09/06	11:30	BSZ	
Barium	3000	1.1	mg/kg	01/09/06	11:30	BSZ	2
Beryllium	0.28	0.055	mg/kg	01/09/06	11:30	BSZ	
Cadmium	1.0	0.11	mg/kg	01/09/06	11:30	BSZ	
Chromium	610	1.1	mg/kg	01/09/06	11:30	BSZ	2
Copper	4400	11	mg/kg	01/09/06	11:30	BSZ	20
Lead	160	0.22	mg/kg	01/09/06	11:30	BSZ	
Nickel	180	0.55	mg/kg	01/09/06	11:30	BSZ	
Selenium	ND	0.55	mg/kg	01/09/06	11:30	BSZ	
Silver	140	0.11	mg/kg	01/09/06	11:30	BSZ	
Thallium	ND	0.28	mg/kg	01/09/06	11:30	BSZ	
Zinc	1200	1.1	mg/kg	01/09/06	11:30	BSZ	2
Mercury by SW-846 7471 in SW	0.18	0.024	mg/kg	01/04/06		AM	
(7) 743051228-18							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.63	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	4.8	0.57	mg/kg	01/09/06	11:36	BSZ	
Arsenic	11	0.57	mg/kg	01/09/06	11:36	BSZ	
Barium	2900	1.1	mg/kg	01/09/06	11:36	BSZ	2
Beryllium	0.24	0.057	mg/kg	01/09/06	11:36	BSZ	
Cadmium	0.94	0.11	mg/kg	01/09/06	11:36	BSZ	
Chromium	590	1.1	mg/kg	01/09/06	11:36	BSZ	2
Copper	5200	11	mg/kg	01/09/06	11:36	BSZ	20
Lead	150	0.23	mg/kg	01/09/06	11:36	BSZ	
Nickel	170	0.57	mg/kg	01/09/06	11:36	BSZ	
Selenium	ND	0.57	mg/kg	01/09/06	11:36	BSZ	
Silver	140	0.11	mg/kg	01/09/06	11:36	BSZ	
Thallium	ND	0.28	mg/kg	01/09/06	11:36	BSZ	
Zinc	1100	1.1	mg/kg	01/09/06	11:36	BSZ	2

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E72
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed	By	Dilution
(7) 743051228-18 (continued)						
Date Collected: 12/28/2005 Matrix: Solid						
Mercury by SW-846 7471 in SW	0.20	0.025	mg/kg	01/04/06	AM	

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-01

Matrix: Solid
Percent Moisture: 5.1
Sample Weight/Volume: 30.14 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010338F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	7.0
11104-28-2	Aroclor 1221	ND	7.0
11141-16-5	Aroclor 1232	ND	7.0
53469-21-9	Aroclor 1242	ND	7.0
12672-29-6	Aroclor 1248	ND	7.0
11097-69-1	Aroclor 1254	ND	7.0
11096-82-5	Aroclor 1260	ND	7.0

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	80%	17%-129%
Decachlorobiphenyl	89%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-01

Matrix: Solid
Percent Moisture: 5.1
Sample Weight/Volume: 30.14 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010617F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.70
319-84-6	alpha-BHC	ND	0.70
319-85-7	beta-BHC	ND	0.70
319-86-8	delta-BHC	ND	0.70
59-89-9	gamma-BHC (Lindane)	ND	0.70
5103-71-9	alpha-Chlordane	ND	0.70
5103-74-2	gamma-Chlordane	ND	0.70
72-54-8	4,4'-DDD	ND	0.70
72-55-9	4,4'-DDE	ND	0.70
50-29-3	4,4'-DDT	ND	0.70
60-57-1	Dieldrin	ND	0.70
33213-65-9	Endosulfan II	ND	0.70
7421-93-4	Endrin aldehyde	ND	0.70
959-98-8	Endosulfan I	ND	0.70
1031-07-8	Endosulfan sulfate	ND	0.70
72-20-8	Endrin	ND	0.70
53494-70-5	Endrin ketone	ND	0.70
76-44-8	Heptachlor	ND	0.70
1024-57-3	Heptachlor epoxide	ND	0.70
72-43-5	Methoxychlor	ND	0.70
8001-35-2	Toxaphene	ND	35

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	53%	10%-135%
Decachlorobiphenyl	59%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-01

Matrix: Solid
Percent Moisture: 5.1
Sample Weight/Volume: 29.98 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15288.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	180
83-32-9	Acenaphthene	41	7.0
208-96-8	Acenaphthylene	10	7.0
62-53-3	Aniline	ND	350
120-12-7	Anthracene	140	7.0
56-55-3	Benzo[a]anthracene	640	7.0
50-32-8	Benzo[a]pyrene	640	7.0
205-99-2	Benzo[b]fluoranthene	1100	7.0
191-24-2	Benzo[g,h,i]perylene	270	7.0
207-08-9	Benzo[k]fluoranthene	320	7.0
65-85-0	Benzoic acid	ND	880
100-51-6	Benzyl alcohol	ND	350
85-68-7	Benzyl butyl phthalate	ND	180
111-91-1	Bis(2-chloroethoxy)methane	ND	180
111-44-4	Bis(2-chloroethyl)ether	ND	180
108-60-1	Bis(2-chloroisopropyl)ether	ND	350
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180
101-55-3	4-Bromophenyl phenyl ether	ND	180
59-50-7	4-Chloro-3-methylphenol	ND	180
106-47-8	4-Chloroaniline	ND	350
91-58-7	2-Chloronaphthalene	ND	180
95-57-8	2-Chlorophenol	ND	180
7005-72-3	4-Chlorophenyl phenyl ether	ND	180
218-01-9	Chrysene	740	7.0
53-70-3	Dibenz[a,h]anthracene	60	7.0
84-74-2	Di-n-butyl phthalate	ND	350
117-84-0	Di-n-octyl phthalate	ND	180
132-64-9	Dibenzofuran	ND	350
95-50-1	1,2-Dichlorobenzene	ND	180
541-73-1	1,3-Dichlorobenzene	ND	180
106-46-7	1,4-Dichlorobenzene	ND	180
91-94-1	3,3-Dichlorobenzidine	ND	180
120-83-2	2,4-Dichlorophenol	ND	180
84-66-2	Diethyl phthalate	ND	180
131-11-3	Dimethyl phthalate	ND	180
105-67-9	2,4-Dimethylphenol	ND	180
51-28-5	2,4-Dinitrophenol	ND	180
121-14-2	2,4-Dinitrotoluene	ND	180
606-20-2	2,6-Dinitrotoluene	ND	180
206-44-0	Fluoranthene	1000	7.0
86-73-7	Fluorene	39	7.0

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 1 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-01

Matrix: Solid
Percent Moisture: 5.1
Sample Weight/Volume: 29.98 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15288.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	180
87-68-3	Hexachlorobutadiene	ND	180
77-47-4	Hexachlorocyclopentadiene	ND	180
67-72-1	Hexachloroethane	ND	180
193-39-5	Indeno[1,2,3-cd]pyrene	240	7.0
78-59-1	Isophorone	ND	180
534-52-1	2-Methyl-4,6-dinitrophenol	ND	180
91-57-6	2-Methylnaphthalene	ND	180
95-48-7	2-Methylphenol	ND	180
	3- & 4-Methylphenols	ND	180
91-20-3	Naphthalene	69	7.0
88-74-4	2-Nitroaniline	ND	350
99-09-2	3-Nitroaniline	ND	350
100-01-6	4-Nitroaniline	ND	350
98-95-3	Nitrobenzene	ND	180
88-75-5	2-Nitrophenol	ND	180
100-02-1	4-Nitrophenol	ND	180
621-64-7	N-Nitrosodi-n-propylamine	ND	180
62-75-9	N-Nitrosodimethylamine	ND	180
86-30-6	N-Nitrosodiphenylamine	ND	180
87-86-5	Pentachlorophenol	ND	350
85-01-8	Phenanthrene	740	7.0
108-95-2	Phenol	ND	180
129-00-0	Pyrene	1600	7.0
95-95-4	2,4,5-Trichlorophenol	ND	180
88-06-2	2,4,6-Trichlorophenol	ND	180
120-82-1	1,2,4-Trichlorobenzene	ND	180

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	79%	20%-117%
2-Fluorobiphenyl	79%	35%-118%
2-Fluorophenol	75%	24%-115%
4-Terphenyl-d14	138%	47%-135%
Nitrobenzene-d5	65%	39%-100%
Phenol-d6	65%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-02

Matrix: Solid
Percent Moisture: 13.1
Sample Weight/Volume: 30.05 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010339F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	7.6
11104-28-2	Aroclor 1221	ND	7.6
11141-16-5	Aroclor 1232	ND	7.6
53469-21-9	Aroclor 1242	ND	7.6
12672-29-6	Aroclor 1248	ND	7.6
11097-69-1	Aroclor 1254	ND	7.6
11096-82-5	Aroclor 1260	ND	7.6

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	69%	17%-129%
Decachlorobiphenyl	117%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-02

Matrix: Solid
Percent Moisture: 13.1
Sample Weight/Volume: 30.05 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010618F.D/8010626F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.76
319-84-6	alpha-BHC	ND	0.76
319-85-7	beta-BHC	ND	0.76
319-86-8	delta-BHC	ND	0.76
59-89-9	gamma-BHC (Lindane)	ND	0.76
5103-71-9	alpha-Chlordane	ND	0.76
5103-74-2	gamma-Chlordane	ND	0.76
72-54-8	4,4'-DDD	ND	0.76
72-55-9	4,4'-DDE	5.3	0.76
50-29-3	4,4'-DDT	22	0.76
60-57-1	Dieldrin	ND	0.76
33213-65-9	Endosulfan II	ND	0.76
7421-93-4	Endrin aldehyde	ND	0.76
959-98-8	Endosulfan I	ND	0.76
1031-07-8	Endosulfan sulfate	ND	0.76
72-20-8	Endrin	ND	0.76
53494-70-5	Endrin ketone	ND	0.76
76-44-8	Heptachlor	ND	0.76
1024-57-3	Heptachlor epoxide	ND	0.76
72-43-5	Methoxychlor	ND	0.76
8001-35-2	Toxaphene	ND	38

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	43%	10%-135%
Decachlorobiphenyl	76%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/09/06 By: JD
Method: 8270C
QC Batch#: 42223
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-02

Matrix: Solid
Percent Moisture: 13.1
Sample Weight/Volume: 29.36 g
Dilution Factor: 10
Extract Volume: 1
Lab Data File: L15294.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	2000
83-32-9	Acenaphthene	6600	78
208-96-8	Acenaphthylene	130	78
62-53-3	Aniline	ND	3900
120-12-7	Anthracene	9500	78
56-55-3	Benzo[a]anthracene	15000	78
50-32-8	Benzo[a]pyrene	13000	78
205-99-2	Benzo[b]fluoranthene	20000	78
191-24-2	Benzo[g,h,i]perylene	6100	78
207-08-9	Benzo[k]fluoranthene	4800	78
65-85-0	Benzoic acid	ND	9800
100-51-6	Benzyl alcohol	ND	3900
85-68-7	Benzyl butyl phthalate	ND	2000
111-91-1	Bis(2-chloroethoxy)methane	ND	2000
111-44-4	Bis(2-chloroethyl)ether	ND	2000
108-60-1	Bis(2-chloroisopropyl)ether	ND	3900
117-81-7	Bis(2-ethylhexyl)phthalate	ND	2000
101-55-3	4-Bromophenyl phenyl ether	ND	2000
59-50-7	4-Chloro-3-methylphenol	ND	2000
106-47-8	4-Chloroaniline	ND	3900
91-58-7	2-Chloronaphthalene	ND	2000
95-57-8	2-Chlorophenol	ND	2000
7005-72-3	4-Chlorophenyl phenyl ether	ND	2000
218-01-9	Chrysene	14000	78
53-70-3	Dibenz[a,h]anthracene	1300	78
84-74-2	Di-n-butyl phthalate	ND	3900
117-84-0	Di-n-octyl phthalate	ND	2000
132-64-9	Dibenzofuran	ND	3900
95-50-1	1,2-Dichlorobenzene	ND	2000
541-73-1	1,3-Dichlorobenzene	ND	2000
106-46-7	1,4-Dichlorobenzene	ND	2000
91-94-1	3,3-Dichlorobenzidine	ND	2000
120-83-2	2,4-Dichlorophenol	ND	2000
84-66-2	Diethyl phthalate	ND	2000
131-11-3	Dimethyl phthalate	ND	2000
105-67-9	2,4-Dimethylphenol	ND	2000
51-28-5	2,4-Dinitrophenol	ND	2000
121-14-2	2,4-Dinitrotoluene	ND	2000
606-20-2	2,6-Dinitrotoluene	ND	2000
206-44-0	Fluoranthene	34000	78
86-73-7	Fluorene	5500	78

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 2 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/09/06 By: JD
Method: 8270C
QC Batch#: 42223
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-02

Matrix: Solid
Percent Moisture: 13.1
Sample Weight/Volume: 29.36 g
Dilution Factor: 10
Extract Volume: 1
Lab Data File: L15294.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	2000
87-68-3	Hexachlorobutadiene	ND	2000
77-47-4	Hexachlorocyclopentadiene	ND	2000
67-72-1	Hexachloroethane	ND	2000
193-39-5	Indeno[1,2,3-cd]pyrene	5400	78
78-59-1	Isophorone	ND	2000
534-52-1	2-Methyl-4,6-dinitrophenol	ND	2000
91-57-6	2-Methylnaphthalene	2200	2000
95-48-7	2-Methylphenol	ND	2000
	3- & 4-Methylphenols	ND	2000
91-20-3	Naphthalene	7900	2000
88-74-4	2-Nitroaniline	ND	3900
99-09-2	3-Nitroaniline	ND	3900
100-01-6	4-Nitroaniline	ND	3900
98-95-3	Nitrobenzene	ND	2000
88-75-5	2-Nitrophenol	ND	2000
100-02-1	4-Nitrophenol	ND	2000
621-64-7	N-Nitrosodi-n-propylamine	ND	2000
62-75-9	N-Nitrosodimethylamine	ND	2000
86-30-6	N-Nitrosodiphenylamine	ND	2000
87-86-5	Pentachlorophenol	ND	3900
85-01-8	Phenanthrene	36000	78
108-95-2	Phenol	ND	2000
129-00-0	Pyrene	35000	78
95-95-4	2,4,5-Trichlorophenol	ND	2000
88-06-2	2,4,6-Trichlorophenol	ND	2000
120-82-1	1,2,4-Trichlorobenzene	ND	2000

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	56%	20%-117%
2-Fluorobiphenyl	66%	35%-118%
2-Fluorophenol	60%	24%-115%
4-Terphenyl-d14	89%	47%-135%
Nitrobenzene-d5	56%	39%-100%
Phenol-d6	45%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-03

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 29.85 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010340F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	13
11104-28-2	Aroclor 1221	ND	13
11141-16-5	Aroclor 1232	ND	13
53469-21-9	Aroclor 1242	ND	13
12672-29-6	Aroclor 1248	ND	13
11097-69-1	Aroclor 1254	ND	13
11096-82-5	Aroclor 1260	ND	13

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	46%	17%-129%
Decachlorobiphenyl	40%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-03

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 29.85 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010627F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	1.3
319-84-6	alpha-BHC	ND	1.3
319-85-7	beta-BHC	ND	1.3
319-86-8	delta-BHC	ND	1.3
59-89-9	gamma-BHC (Lindane)	ND	1.3
5103-71-9	alpha-Chlordane	ND	1.3
5103-74-2	gamma-Chlordane	ND	1.3
72-54-8	4,4'-DDD	ND	1.3
72-55-9	4,4'-DDE	ND	1.3
50-29-3	4,4'-DDT	ND	1.3
60-57-1	Dieldrin	ND	1.3
33213-65-9	Endosulfan II	ND	1.3
7421-93-4	Endrin aldehyde	ND	1.3
959-98-8	Endosulfan I	ND	1.3
1031-07-8	Endosulfan sulfate	ND	1.3
72-20-8	Endrin	ND	1.3
53494-70-5	Endrin ketone	ND	1.3
76-44-8	Heptachlor	ND	1.3
1024-57-3	Heptachlor epoxide	ND	1.3
72-43-5	Methoxychlor	ND	1.3
8001-35-2	Toxaphene	ND	66

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	32%	10%-135%
Decachlorobiphenyl	31%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/09/06 By: JD
Method: 8270C
QC Batch#: 42223
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-03

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 29.84 g
Dilution Factor: 5
Extract Volume: 1
Lab Data File: L15293.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	1600
83-32-9	Acenaphthene	880	66
208-96-8	Acenaphthylene	ND	66
62-53-3	Aniline	ND	3300
120-12-7	Anthracene	2000	66
56-55-3	Benzo[a]anthracene	2900	66
50-32-8	Benzo[a]pyrene	2200	66
205-99-2	Benzo[b]fluoranthene	3000	66
191-24-2	Benzo[g,h,i]perylene	1400	66
207-08-9	Benzo[k]fluoranthene	1300	66
65-85-0	Benzoic acid	ND	8300
100-51-6	Benzyl alcohol	ND	3300
85-68-7	Benzyl butyl phthalate	ND	1600
111-91-1	Bis(2-chloroethoxy)methane	ND	1600
111-44-4	Bis(2-chloroethyl)ether	ND	1600
108-60-1	Bis(2-chloroisopropyl)ether	ND	3300
117-81-7	Bis(2-ethylhexyl)phthalate	ND	1600
101-55-3	4-Bromophenyl phenyl ether	ND	1600
59-50-7	4-Chloro-3-methylphenol	ND	1600
106-47-8	4-Chloroaniline	ND	3300
91-58-7	2-Chloronaphthalene	ND	1600
95-57-8	2-Chlorophenol	ND	1600
7005-72-3	4-Chlorophenyl phenyl ether	ND	1600
218-01-9	Chrysene	3000	66
53-70-3	Dibenz[a,h]anthracene	280	66
84-74-2	Di-n-butyl phthalate	ND	3300
117-84-0	Di-n-octyl phthalate	ND	1600
132-64-9	Dibenzofuran	ND	3300
95-50-1	1,2-Dichlorobenzene	ND	1600
541-73-1	1,3-Dichlorobenzene	ND	1600
106-46-7	1,4-Dichlorobenzene	ND	1600
91-94-1	3,3-Dichlorobenzidine	ND	1600
120-83-2	2,4-Dichlorophenol	ND	1600
84-66-2	Diethyl phthalate	ND	1600
131-11-3	Dimethyl phthalate	ND	1600
105-67-9	2,4-Dimethylphenol	ND	1600
51-28-5	2,4-Dinitrophenol	ND	1600
121-14-2	2,4-Dinitrotoluene	ND	1600
606-20-2	2,6-Dinitrotoluene	ND	1600
206-44-0	Fluoranthene	7100	66
86-73-7	Fluorene	1000	66

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 3 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/09/06 By: JD
Method: 8270C
QC Batch#: 42223
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-03

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 29.84 g
Dilution Factor: 5
Extract Volume: 1
Lab Data File: L15293.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	1600
87-68-3	Hexachlorobutadiene	ND	1600
77-47-4	Hexachlorocyclopentadiene	ND	1600
67-72-1	Hexachloroethane	ND	1600
193-39-5	Indeno[1,2,3-cd]pyrene	1000	66
78-59-1	Isophorone	ND	1600
534-52-1	2-Methyl-4,6-dinitrophenol	ND	1600
91-57-6	2-Methylnaphthalene	ND	1600
95-48-7	2-Methylphenol	ND	1600
	3- & 4-Methylphenols	ND	1600
91-20-3	Naphthalene	1100	66
88-74-4	2-Nitroaniline	ND	3300
99-09-2	3-Nitroaniline	ND	3300
100-01-6	4-Nitroaniline	ND	3300
98-95-3	Nitrobenzene	ND	1600
88-75-5	2-Nitrophenol	ND	1600
100-02-1	4-Nitrophenol	ND	1600
621-64-7	N-Nitrosodi-n-propylamine	ND	1600
62-75-9	N-Nitrosodimethylamine	ND	1600
86-30-6	N-Nitrosodiphenylamine	ND	1600
87-86-5	Pentachlorophenol	ND	3300
85-01-8	Phenanthrene	9000	66
108-95-2	Phenol	ND	1600
129-00-0	Pyrene	8100	66
95-95-4	2,4,5-Trichlorophenol	ND	1600
88-06-2	2,4,6-Trichlorophenol	ND	1600
120-82-1	1,2,4-Trichlorobenzene	ND	1600

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	46%	20%-117%
2-Fluorobiphenyl	54%	35%-118%
2-Fluorophenol	40%	24%-115%
4-Terphenyl-d14	68%	47%-135%
Nitrobenzene-d5	43%	39%-100%
Phenol-d6	38%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-04

Matrix: Solid
Percent Moisture: 6.9
Sample Weight/Volume: 29.85 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010341F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	7.2
11104-28-2	Aroclor 1221	ND	7.2
11141-16-5	Aroclor 1232	ND	7.2
53469-21-9	Aroclor 1242	ND	7.2
12672-29-6	Aroclor 1248	ND	7.2
11097-69-1	Aroclor 1254	ND	7.2
11096-82-5	Aroclor 1260	ND	7.2

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	72%	17%-129%
Decachlorobiphenyl	86%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-04

Matrix: Solid
Percent Moisture: 6.9
Sample Weight/Volume: 29.85 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010620F.D/8010903F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.72
319-84-6	alpha-BHC	ND	0.72
319-85-7	beta-BHC	ND	0.72
319-86-8	delta-BHC	ND	0.72
59-89-9	gamma-BHC (Lindane)	ND	0.72
5103-71-9	alpha-Chlordane	2.5	0.72
5103-74-2	gamma-Chlordane	1.6	0.72
72-54-8	4,4'-DDD	ND	0.72
72-55-9	4,4'-DDE	29	0.72
50-29-3	4,4'-DDT	69	0.72
60-57-1	Dieldrin	ND	0.72
33213-65-9	Endosulfan II	ND	0.72
7421-93-4	Endrin aldehyde	ND	0.72
959-98-8	Endosulfan I	ND	0.72
1031-07-8	Endosulfan sulfate	ND	0.72
72-20-8	Endrin	ND	0.72
53494-70-5	Endrin ketone	ND	0.72
76-44-8	Heptachlor	ND	0.72
1024-57-3	Heptachlor epoxide	ND	0.72
72-43-5	Methoxychlor	ND	0.72
8001-35-2	Toxaphene	ND	36

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	63%	10%-135%
Decachlorobiphenyl	71%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-04

Matrix: Solid
Percent Moisture: 6.9
Sample Weight/Volume: 30.17 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15287.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	180
83-32-9	Acenaphthene	10	7.1
208-96-8	Acenaphthylene	27	7.1
62-53-3	Aniline	ND	360
120-12-7	Anthracene	62	7.1
56-55-3	Benzo[a]anthracene	420	7.1
50-32-8	Benzo[a]pyrene	470	7.1
205-99-2	Benzo[b]fluoranthene	680	7.1
191-24-2	Benzo[g,h,i]perylene	220	7.1
207-08-9	Benzo[k]fluoranthene	220	7.1
65-85-0	Benzoic acid	ND	890
100-51-6	Benzyl alcohol	ND	360
85-68-7	Benzyl butyl phthalate	ND	180
111-91-1	Bis(2-chloroethoxy)methane	ND	180
111-44-4	Bis(2-chloroethyl)ether	ND	180
108-60-1	Bis(2-chloroisopropyl)ether	ND	360
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180
101-55-3	4-Bromophenyl phenyl ether	ND	180
59-50-7	4-Chloro-3-methylphenol	ND	180
106-47-8	4-Chloroaniline	ND	360
91-58-7	2-Chloronaphthalene	ND	180
95-57-8	2-Chlorophenol	ND	180
7005-72-3	4-Chlorophenyl phenyl ether	ND	180
218-01-9	Chrysene	440	7.1
53-70-3	Dibenz[a,h]anthracene	62	7.1
84-74-2	Di-n-butyl phthalate	ND	360
117-84-0	Di-n-octyl phthalate	ND	180
132-64-9	Dibenzofuran	ND	360
95-50-1	1,2-Dichlorobenzene	ND	180
541-73-1	1,3-Dichlorobenzene	ND	180
106-46-7	1,4-Dichlorobenzene	ND	180
91-94-1	3,3-Dichlorobenzidine	ND	180
120-83-2	2,4-Dichlorophenol	ND	180
84-66-2	Diethyl phthalate	ND	180
131-11-3	Dimethyl phthalate	ND	180
105-67-9	2,4-Dimethylphenol	ND	180
51-28-5	2,4-Dinitrophenol	ND	180
121-14-2	2,4-Dinitrotoluene	ND	180
606-20-2	2,6-Dinitrotoluene	ND	180
206-44-0	Fluoranthene	700	7.1
86-73-7	Fluorene	14	7.1

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 4 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-04

Matrix: Solid
Percent Moisture: 6.9
Sample Weight/Volume: 30.17 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15287.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	180
87-68-3	Hexachlorobutadiene	ND	180
77-47-4	Hexachlorocyclopentadiene	ND	180
67-72-1	Hexachloroethane	ND	180
193-39-5	Indeno[1,2,3-cd]pyrene	ND	7.1
78-59-1	Isophorone	ND	180
534-52-1	2-Methyl-4,6-dinitrophenol	ND	180
91-57-6	2-Methylnaphthalene	ND	180
95-48-7	2-Methylphenol	ND	180
	3- & 4-Methylphenols	ND	180
91-20-3	Naphthalene	33	7.1
88-74-4	2-Nitroaniline	ND	360
99-09-2	3-Nitroaniline	ND	360
100-01-6	4-Nitroaniline	ND	360
98-95-3	Nitrobenzene	ND	180
88-75-5	2-Nitrophenol	ND	180
100-02-1	4-Nitrophenol	ND	180
621-64-7	N-Nitrosodi-n-propylamine	ND	180
62-75-9	N-Nitrosodimethylamine	ND	180
86-30-6	N-Nitrosodiphenylamine	ND	180
87-86-5	Pentachlorophenol	ND	360
85-01-8	Phenanthrene	240	7.1
108-95-2	Phenol	ND	180
129-00-0	Pyrene	1100	7.1
95-95-4	2,4,5-Trichlorophenol	ND	180
88-06-2	2,4,6-Trichlorophenol	ND	180
120-82-1	1,2,4-Trichlorobenzene	ND	180

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	68%	20%-117%
2-Fluorobiphenyl	75%	35%-118%
2-Fluorophenol	64%	24%-115%
4-Terphenyl-d14	122%	47%-135%
Nitrobenzene-d5	62%	39%-100%
Phenol-d6	58%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-16

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010326F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	0.20
11104-28-2	Aroclor 1221	ND	0.20
11141-16-5	Aroclor 1232	ND	0.20
53469-21-9	Aroclor 1242	ND	0.20
12672-29-6	Aroclor 1248	ND	0.20
11097-69-1	Aroclor 1254	ND	0.20
11096-82-5	Aroclor 1260	ND	0.20

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	97%	18%-127%
Decachlorobiphenyl	95%	14%-118%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/05/06 By: MP
Method: 8081A
QC Batch#: 42184
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-16

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010508F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.020
319-84-6	alpha-BHC	ND	0.020
319-85-7	beta-BHC	ND	0.020
319-86-8	delta-BHC	ND	0.020
59-89-9	gamma-BHC (Lindane)	ND	0.020
5103-71-9	alpha-Chlordane	ND	0.020
5103-74-2	gamma-Chlordane	ND	0.020
72-54-8	4,4'-DDD	ND	0.020
72-55-9	4,4'-DDE	ND	0.020
50-29-3	4,4'-DDT	ND	0.020
60-57-1	Dieldrin	ND	0.020
33213-65-9	Endosulfan II	ND	0.020
7421-93-4	Endrin aldehyde	ND	0.020
959-98-8	Endosulfan I	ND	0.020
1031-07-8	Endosulfan sulfate	ND	0.020
72-20-8	Endrin	ND	0.020
53494-70-5	Endrin ketone	ND	0.020
76-44-8	Heptachlor	ND	0.020
1024-57-3	Heptachlor epoxide	ND	0.020
72-43-5	Methoxychlor	ND	0.020
8001-35-2	Toxaphene	ND	1.0

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	98%	11%-121%
Decachlorobiphenyl	78%	9%-119%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: JD
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-16

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15271.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	5.0
83-32-9	Acenaphthene	ND	0.20
208-96-8	Acenaphthylene	ND	0.20
62-53-3	Aniline	ND	10
120-12-7	Anthracene	ND	0.20
56-55-3	Benzo[a]anthracene	ND	0.20
50-32-8	Benzo[a]pyrene	ND	0.20
205-99-2	Benzo[b]fluoranthene	ND	0.20
191-24-2	Benzo[g,h,i]perylene	ND	0.20
207-08-9	Benzo[k]fluoranthene	ND	0.20
65-85-0	Benzoic acid	ND	25
100-51-6	Benzyl alcohol	ND	10
85-68-7	Benzyl butyl phthalate	ND	5.0
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0
111-44-4	Bis(2-chloroethyl)ether	ND	5.0
108-60-1	Bis(2-chloroisopropyl)ether	ND	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND	5.0
101-55-3	4-Bromophenyl phenyl ether	ND	5.0
59-50-7	4-Chloro-3-methylphenol	ND	5.0
106-47-8	4-Chloroaniline	ND	10
91-58-7	2-Chloronaphthalene	ND	5.0
95-57-8	2-Chlorophenol	ND	5.0
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0
218-01-9	Chrysene	ND	0.20
53-70-3	Dibenz[a,h]anthracene	ND	0.20
84-74-2	Di-n-butyl phthalate	ND	5.0
117-84-0	Di-n-octyl phthalate	ND	5.0
132-64-9	Dibenzofuran	ND	10
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
91-94-1	3,3-Dichlorobenzidine	ND	5.0
120-83-2	2,4-Dichlorophenol	ND	5.0
84-66-2	Diethyl phthalate	ND	5.0
131-11-3	Dimethyl phthalate	ND	5.0
105-67-9	2,4-Dimethylphenol	ND	5.0
51-28-5	2,4-Dinitrophenol	ND	5.0
121-14-2	2,4-Dinitrotoluene	ND	5.0
606-20-2	2,6-Dinitrotoluene	ND	5.0
206-44-0	Fluoranthene	ND	0.20
86-73-7	Fluorene	ND	0.20

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 5 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: JD
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-16

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15271.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	5.0
77-47-4	Hexachlorocyclopentadiene	ND	5.0
67-72-1	Hexachloroethane	ND	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	ND	0.20
78-59-1	Isophorone	ND	5.0
534-52-1	2-Methyl-4,6-dinitrophenol	ND	5.0
91-57-6	2-Methylnaphthalene	ND	5.0
95-48-7	2-Methylphenol	ND	5.0
	3- & 4-Methylphenols	ND	5.0
91-20-3	Naphthalene	ND	0.20
88-74-4	2-Nitroaniline	ND	10
99-09-2	3-Nitroaniline	ND	10
100-01-6	4-Nitroaniline	ND	10
98-95-3	Nitrobenzene	ND	5.0
88-75-5	2-Nitrophenol	ND	5.0
100-02-1	4-Nitrophenol	ND	5.0
621-64-7	N-Nitrosodi-n-propylamine	ND	5.0
62-75-9	N-Nitrosodimethylamine	ND	5.0
86-30-6	N-Nitrosodiphenylamine	ND	5.0
87-86-5	Pentachlorophenol	ND	10
85-01-8	Phenanthrene	ND	0.20
108-95-2	Phenol	ND	5.0
129-00-0	Pyrene	ND	0.20
95-95-4	2,4,5-Trichlorophenol	ND	5.0
88-06-2	2,4,6-Trichlorophenol	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	74%	21%-96%
2-Fluorobiphenyl	87%	20%-90%
2-Fluorophenol	50%	10%-54%
4-Terphenyl-d14	98%	20%-107%
Nitrobenzene-d5	80%	21%-91%
Phenol-d6	31%	10%-43%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-17

Matrix: Solid
Percent Moisture: 18.3
Sample Weight/Volume: 30.02 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010342F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	8.2
11104-28-2	Aroclor 1221	ND	8.2
11141-16-5	Aroclor 1232	ND	8.2
53469-21-9	Aroclor 1242	ND	8.2
12672-29-6	Aroclor 1248	ND	8.2
11097-69-1	Aroclor 1254	ND	8.2
11096-82-5	Aroclor 1260	22	8.2

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	70%	17%-129%
Decachlorobiphenyl	56%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-17

Matrix: Solid
Percent Moisture: 18.3
Sample Weight/Volume: 30.02 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010628F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.82
319-84-6	alpha-BHC	ND	0.82
319-85-7	beta-BHC	ND	0.82
319-86-8	delta-BHC	ND	0.82
59-89-9	gamma-BHC (Lindane)	ND	0.82
5103-71-9	alpha-Chlordane	4.4	0.82
5103-74-2	gamma-Chlordane	4.0	0.82
72-54-8	4,4'-DDD	ND	0.82
72-55-9	4,4'-DDE	2.7	0.82
50-29-3	4,4'-DDT	4.2	0.82
60-57-1	Dieldrin	ND	0.82
33213-65-9	Endosulfan II	ND	0.82
7421-93-4	Endrin aldehyde	ND	0.82
959-98-8	Endosulfan I	ND	0.82
1031-07-8	Endosulfan sulfate	ND	0.82
72-20-8	Endrin	ND	0.82
53494-70-5	Endrin ketone	ND	0.82
76-44-8	Heptachlor	ND	0.82
1024-57-3	Heptachlor epoxide	ND	0.82
72-43-5	Methoxychlor	ND	0.82
8001-35-2	Toxaphene	ND	41

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	49%	10%-135%
Decachlorobiphenyl	41%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-17

Matrix: Solid
Percent Moisture: 18.3
Sample Weight/Volume: 30.21 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15286.D,L15295.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	200
83-32-9	Acenaphthene	33	8.1
208-96-8	Acenaphthylene	50	8.1
62-53-3	Aniline	ND	400
120-12-7	Anthracene	140	8.1
56-55-3	Benzo[a]anthracene	510	8.1
50-32-8	Benzo[a]pyrene	450	8.1
205-99-2	Benzo[b]fluoranthene	830	8.1
191-24-2	Benzo[g,h,i]perylene	240	8.1
207-08-9	Benzo[k]fluoranthene	220	8.1
65-85-0	Benzoic acid	ND	1000
100-51-6	Benzyl alcohol	ND	400
85-68-7	Benzyl butyl phthalate	ND	200
111-91-1	Bis(2-chloroethoxy)methane	ND	200
111-44-4	Bis(2-chloroethyl)ether	ND	200
108-60-1	Bis(2-chloroisopropyl)ether	ND	400
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200
101-55-3	4-Bromophenyl phenyl ether	ND	200
59-50-7	4-Chloro-3-methylphenol	ND	200
106-47-8	4-Chloroaniline	ND	400
91-58-7	2-Chloronaphthalene	ND	200
95-57-8	2-Chlorophenol	ND	200
7005-72-3	4-Chlorophenyl phenyl ether	ND	200
218-01-9	Chrysene	560	8.1
53-70-3	Dibenz[a,h]anthracene	39	8.1
84-74-2	Di-n-butyl phthalate	36000	400
117-84-0	Di-n-octyl phthalate	ND	200
132-64-9	Dibenzofuran	ND	400
95-50-1	1,2-Dichlorobenzene	ND	200
541-73-1	1,3-Dichlorobenzene	ND	200
106-46-7	1,4-Dichlorobenzene	ND	200
91-94-1	3,3-Dichlorobenzidine	ND	200
120-83-2	2,4-Dichlorophenol	ND	200
84-66-2	Diethyl phthalate	ND	200
131-11-3	Dimethyl phthalate	ND	200
105-67-9	2,4-Dimethylphenol	ND	200
51-28-5	2,4-Dinitrophenol	ND	200
121-14-2	2,4-Dinitrotoluene	ND	200
606-20-2	2,6-Dinitrotoluene	ND	200
206-44-0	Fluoranthene	1000	8.1
86-73-7	Fluorene	49	8.1

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 6 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-17

Matrix: Solid
Percent Moisture: 18.3
Sample Weight/Volume: 30.21 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15286.D,L15295.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	200
87-68-3	Hexachlorobutadiene	ND	200
77-47-4	Hexachlorocyclopentadiene	ND	200
67-72-1	Hexachloroethane	ND	200
193-39-5	Indeno[1,2,3-cd]pyrene	190	8.1
78-59-1	Isophorone	ND	200
534-52-1	2-Methyl-4,6-dinitrophenol	ND	200
91-57-6	2-Methylnaphthalene	ND	200
95-48-7	2-Methylphenol	ND	200
	3- & 4-Methylphenols	ND	200
91-20-3	Naphthalene	49	8.1
88-74-4	2-Nitroaniline	ND	400
99-09-2	3-Nitroaniline	ND	400
100-01-6	4-Nitroaniline	ND	400
98-95-3	Nitrobenzene	ND	200
88-75-5	2-Nitrophenol	ND	200
100-02-1	4-Nitrophenol	ND	200
621-64-7	N-Nitrosodi-n-propylamine	ND	200
62-75-9	N-Nitrosodimethylamine	ND	200
86-30-6	N-Nitrosodiphenylamine	ND	200
87-86-5	Pentachlorophenol	ND	400
85-01-8	Phenanthrene	710	8.1
108-95-2	Phenol	ND	200
129-00-0	Pyrene	1600	8.1
95-95-4	2,4,5-Trichlorophenol	ND	200
88-06-2	2,4,6-Trichlorophenol	ND	200
120-82-1	1,2,4-Trichlorobenzene	ND	200

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	74%	20%-117%
2-Fluorobiphenyl	71%	35%-118%
2-Fluorophenol	67%	24%-115%
4-Terphenyl-d14	138%	47%-135%
Nitrobenzene-d5	60%	39%-100%
Phenol-d6	58%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-18

Matrix: Solid
Percent Moisture: 20.9
Sample Weight/Volume: 30 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010343F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	8.4
11104-28-2	Aroclor 1221	ND	8.4
11141-16-5	Aroclor 1232	ND	8.4
53469-21-9	Aroclor 1242	ND	8.4
12672-29-6	Aroclor 1248	ND	8.4
11097-69-1	Aroclor 1254	ND	8.4
11096-82-5	Aroclor 1260	23	8.4

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	49%	17%-129%
Decachlorobiphenyl	36%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-18

Matrix: Solid
Percent Moisture: 20.9
Sample Weight/Volume: 30 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010629F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.84
319-84-6	alpha-BHC	ND	0.84
319-85-7	beta-BHC	ND	0.84
319-86-8	delta-BHC	ND	0.84
59-89-9	gamma-BHC (Lindane)	ND	0.84
5103-71-9	alpha-Chlordane	2.7	0.84
5103-74-2	gamma-Chlordane	2.8	0.84
72-54-8	4,4'-DDD	ND	0.84
72-55-9	4,4'-DDE	2.3	0.84
50-29-3	4,4'-DDT	3.0	0.84
60-57-1	Dieldrin	ND	0.84
33213-65-9	Endosulfan II	ND	0.84
7421-93-4	Endrin aldehyde	ND	0.84
959-98-8	Endosulfan I	ND	0.84
1031-07-8	Endosulfan sulfate	ND	0.84
72-20-8	Endrin	ND	0.84
53494-70-5	Endrin ketone	ND	0.84
76-44-8	Heptachlor	ND	0.84
1024-57-3	Heptachlor epoxide	ND	0.84
72-43-5	Methoxychlor	ND	0.84
8001-35-2	Toxaphene	ND	42

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	30%	10%-135%
Decachlorobiphenyl	25%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-18

Matrix: Solid
Percent Moisture: 20.9
Sample Weight/Volume: 29.96 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15285.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	210
83-32-9	Acenaphthene	20	8.4
208-96-8	Acenaphthylene	37	8.4
62-53-3	Aniline	ND	420
120-12-7	Anthracene	80	8.4
56-55-3	Benzo[a]anthracene	370	8.4
50-32-8	Benzo[a]pyrene	350	8.4
205-99-2	Benzo[b]fluoranthene	570	8.4
191-24-2	Benzo[g,h,i]perylene	180	8.4
207-08-9	Benzo[k]fluoranthene	230	8.4
65-85-0	Benzoic acid	ND	1000
100-51-6	Benzyl alcohol	ND	420
85-68-7	Benzyl butyl phthalate	ND	210
111-91-1	Bis(2-chloroethoxy)methane	ND	210
111-44-4	Bis(2-chloroethyl)ether	ND	210
108-60-1	Bis(2-chloroisopropyl)ether	ND	420
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210
101-55-3	4-Bromophenyl phenyl ether	ND	210
59-50-7	4-Chloro-3-methylphenol	ND	210
106-47-8	4-Chloroaniline	ND	420
91-58-7	2-Chloronaphthalene	ND	210
95-57-8	2-Chlorophenol	ND	210
7005-72-3	4-Chlorophenyl phenyl ether	ND	210
218-01-9	Chrysene	450	8.4
53-70-3	Dibenz[a,h]anthracene	54	8.4
84-74-2	Di-n-butyl phthalate	ND	420
117-84-0	Di-n-octyl phthalate	ND	210
132-64-9	Dibenzofuran	ND	420
95-50-1	1,2-Dichlorobenzene	ND	210
541-73-1	1,3-Dichlorobenzene	ND	210
106-46-7	1,4-Dichlorobenzene	ND	210
91-94-1	3,3-Dichlorobenzidine	ND	210
120-83-2	2,4-Dichlorophenol	ND	210
84-66-2	Diethyl phthalate	ND	210
131-11-3	Dimethyl phthalate	ND	210
105-67-9	2,4-Dimethylphenol	ND	210
51-28-5	2,4-Dinitrophenol	ND	210
121-14-2	2,4-Dinitrotoluene	ND	210
606-20-2	2,6-Dinitrotoluene	ND	210
206-44-0	Fluoranthene	770	8.4
86-73-7	Fluorene	32	8.4

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 7 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-18

Matrix: Solid
Percent Moisture: 20.9
Sample Weight/Volume: 29.96 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15285.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	210
87-68-3	Hexachlorobutadiene	ND	210
77-47-4	Hexachlorocyclopentadiene	ND	210
67-72-1	Hexachloroethane	ND	210
193-39-5	Indeno[1,2,3-cd]pyrene	140	8.4
78-59-1	Isophorone	ND	210
534-52-1	2-Methyl-4,6-dinitrophenol	ND	210
91-57-6	2-Methylnaphthalene	ND	210
95-48-7	2-Methylphenol	ND	210
	3- & 4-Methylphenols	ND	210
91-20-3	Naphthalene	42	8.4
88-74-4	2-Nitroaniline	ND	420
99-09-2	3-Nitroaniline	ND	420
100-01-6	4-Nitroaniline	ND	420
98-95-3	Nitrobenzene	ND	210
88-75-5	2-Nitrophenol	ND	210
100-02-1	4-Nitrophenol	ND	210
621-64-7	N-Nitrosodi-n-propylamine	ND	210
62-75-9	N-Nitrosodimethylamine	ND	210
86-30-6	N-Nitrosodiphenylamine	ND	210
87-86-5	Pentachlorophenol	ND	420
85-01-8	Phenanthrene	480	8.4
108-95-2	Phenol	ND	210
129-00-0	Pyrene	970	8.4
95-95-4	2,4,5-Trichlorophenol	ND	210
88-06-2	2,4,6-Trichlorophenol	ND	210
120-82-1	1,2,4-Trichlorobenzene	ND	210

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	56%	20%-117%
2-Fluorobiphenyl	53%	35%-118%
2-Fluorophenol	44%	24%-115%
4-Terphenyl-d14	90%	47%-135%
Nitrobenzene-d5	41%	39%-100%
Phenol-d6	44%	30%-106%

APPENDIX B

DATA VALIDATION COMPLETENESS CHECKLIST

FORMER GORHAM PROPERTY AND MASHAPAUG COVE PROJECT SAMPLING MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☐	☐
Groundwater field measurements (if applicable)	☐	☐
Soil sampling field measurements (if applicable)	☐	☐
Sediment sampling field measurements (if applicable)	☐	☐
Surface water sampling field measurements (if applicable)	☐	☐
Low-flow sampling field measurements (if applicable)	☐	☐
Documentation of field activities	☐	☐
Sample numbering and labeling	☐	☐
Chain-of-Custody records	☐	☐
Trip blanks	☐	☐
Duplicate samples	☐	☐
Equipment blanks	☐	☐
Split samples (if any)	☐	☐
2. LABORATORY MEASUREMENTS:		
Trip blanks	☑	☐
Instrument blanks	☑	☐
Laboratory control samples	☑	☐
Duplicates samples	☑	☐
Equipment blanks	☑	☐
Matrix spike/matrix spike duplicates	☑	☐
Analysis type	☑	☐
Chain-of-Custody records	☑	☐
Surrogate recoveries	☑	☐
Sample Project Narratives	☑	☐
Split samples (if any)	☐	☐ N/A

TOTAL: _____ _____

PERCENT COMPLETE: _____ %

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

1. SAMPLING AND FIELD MEASUREMENTS:	YES	NO	COMMENTS
Field measurement calibration records			
pH - ± 0.3 pH units	☐	☐	_____
S.C. - ± 5% of calibration solution, within calibration range?	☐	☐	_____
Temperature - ± 0.5 °C	☐	☐	_____
D.O. - ± 5% of calibration solution	☐	☐	_____
Groundwater field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	_____
Soil sampling field measurements (if applicable)			
OVM - ± 2 ppm	☐	☐	_____
OVA - ± 2 ppm	☐	☐	_____
Sediment sampling field measurements (if applicable)			
Descriptive information recorded?	☐	☐	_____
Surface water sampling field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	_____
Low-flow sampling field measurements (if applicable)			
S.C. - ± 10%	☐	☐	_____
pH - ± 0.2 pH units	☐	☐	_____
Temperature - ± 10%	☐	☐	_____
Turbidity - ±5 NTU	☐	☐	_____
Documentation of field activities			
Site-specific information documented in field notebook?	☐	☐	_____
Field data sheets completed?	☐	☐	_____
Sample numbering and labeling			
Sample numbering conforms to sample I.D. system identified in QAPP?	☐	☐	_____
Chain-of-Custody records			
Chain-of-Custody forms completed?	☐	☐	_____

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

	YES	NO	COMMENTS
Trip blanks			
Trip blanks submitted, one per day?	☐	☐	
Any compounds detected in trip blanks?	☐	☐	
Duplicate samples			
Field duplicates performed, 1/20 samples?	☐	☐	
Duplicates performed on 10% of samples screened for explosives?	☐	☐	
Is percent difference within 30% for all field parameters?	☐	☐	
Equipment blanks			
Equipment blanks submitted, one per sampling day?	☐	☐	
Any compounds detected in equipment blank?	☐	☐	
Split samples (if any)			
Split samples collected?	☐	☐	
Is percent difference within 30% for split samples?	☐	☐	

2. LABORATORY MEASUREMENTS:

Trip blanks			
Trip blanks submitted, one per day?	☑	☐	
Any compounds detected in trip blanks?	☑	☐	
Instrument blanks**	☑	☐	
Laboratory control samples**	☑	☐	
Duplicates samples**	☑	☐	
Equipment blanks**	☑	☐	
Matrix spike/matrix spike duplicates**	☑	☐	see narrative
Analysis type	☑	☐	
Chain-of-Custody records	☑	☐	
Surrogate recoveries**	☑	☐	See narrative
Sample Project Narratives	☑	☐	
Split samples (if any)**	☐	☐	N/A
Most recent EPA WP-PE sample results**	☐	☐	N/A

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Traffic Report	☐	☐	N/A
3.	Volatiles Data	☑	☐	
a.	Sample Data			
	Target Compound List (TCL) Results	☒	☐	
	Reconstructed total ion chromatograms (RIC) for each sample	☒	☐	
	For each sample:			
	Raw spectra and background-subtracted mass spectra of target compounds identified	☒	☐	
	Mass spectra of all reported TICs with three best library matches	☒	☐	
	Percent solids calculations	☒	☐	
b.	Standards Data (all instruments)			
	Initial Calibration Data	☒	☐	
	RICs and Quan Reports for all Standards	☒	☐	
	Continuing Calibration	☒	☐	
	RICs and Quan Reports for all Standards	☒	☐	
	Internal Standard Area Summary	☒	☐	
c.	Raw QC Data			
	Blank Data	☐	☐	
	Matrix Spike Data	☐	☐	
	Matrix Spike Duplicate Data	☐	☐	
4.	Semivolatiles Data			
a.	QC Summary			
	Surrogate Percent Recovery Summary	☒	☐	see variances
	MS/MSD Summary	☒	☐	see variances
	Method Blank Summary	☒	☐	
	Tuning and Mass Calibration	☒	☐	

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☒	☐	
Tentatively Identified Compounds	☐	☒	No TICs
Reconstructed total ion chromatograms (RIC) for each sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of TCL compounds	☒	☐	
Mass spectra of TICs with 3 best library matches	☐	☒	No TICs
GPC chromatograms (if GPC performed)	☐	☒	No GPC
c. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Areas Summary	☒	☐	
Internal Standard Areas Summary	☒	☐	
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☒	☐	
Blank Data	☒	☐	
Matrix Spike Data	☒	☐	
Matrix Spike Duplicate Data	☒	☐	
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☒	☐	
Internal sample & sample extract transfer chain-of custody records	☒	☐	
Screening Records	☒	☐	
All instrument output, including strip charts from screening activities (describe or list)	☒	☐	

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

	PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?** YES	NO	COMMENTS
6. Chain-of-Custody Records	☑	☐	
Sample Log-in Sheet (Lab & DC1)	☐	☐	
Miscellaneous Shipping/Receiving Records (describe or list)	☐	☐	
7. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list) ref logbook	☑	☐	
8. Other Records (describe or list)	☐	☐	

9. Comments:

** See laboratory Quality Assurance Plan for limits.

Completed by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Inorganic Analysis Data Sheet	☑	☐	
3.	Initial and Continuing Calibration Verification	☑	☐	
4.	CRDL Standard for AA and ICP	☑	☐	
5.	Blanks	☑	☐	
6.	ICP Interference Check Sample	☑	☐	
7.	Spike Sample Recovery	☑	☐	
8.	Post Digest Spike Sample Recovery	☐	☐	NA
9.	Duplicates	☑	☐	
10.	Laboratory Control Sample	☑	☐	
11.	Standard Addition Results	☐	☐	NA
12.	ICP Serial Dilutions	☑	☐	
13.	Instrument Detection Limits, Quarterly	☑	☐	
14.	ICP Interelement Correction Factors, Annually	☑	☐	
15.	ICP Linear Ranges Quarterly	☑	☐	
16.	Preparation Log	☑	☐	
17.	Analysis Run Log	☑	☐	
18.	ICP Raw Data	☑	☐	
19.	Furnace AA Raw Data	☐	☐	NA
20.	Mercury Raw Data	☑	☐	
21.	Percent Solids Calculations	☑	☐	
22.	Digestion Logs	☑	☐	
23.	EPA Shipping/Receiving Records (List all individual records)	☐	☐	
	Chain-of Custody Records	☑	☐	
	Sample Log-In sheet	☑	☐	LIMS
24.	Miscellaneous Shipping/Receiving Records (List all individual records)	☐	☑	

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

		PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**		
		YES	NO	COMMENTS
25.	Internal Lab Sample Transfer Records and Tracking Sheets (Describe or List)			
	ref. logbook	☑	☐	
		☐	☐	
26.	Internal Original Sample Preparation and analysis Records			
	(Describe or List	☐	☐	
	Preparation Records logbook	☐	☐	
	Analysis Records hard copy to e-copy	☐	☐	
	Description	☐	☐	
27.	Other Records (Describe or List)			
		☐	☐	
		☐	☐	
28.	Comments:			

** See laboratory Quality Assurance Plan for limits.

Completed by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

ES12E72

Fuss & O'Neill Inc.
consulting engineers
Environmental Field Services

CHAIN-OF-CUSTODY RECORD № 60445

FUSS & O'NEILL, INC.
146 HARTFORD ROAD
MANCHESTER, CT 06040
(860) 646-2469

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
RIDEM - Gorham Mfg	Providence, RI	20051057.A10	Premier

REPORT TO: See APRF
INVOICE TO: ↓
P. O. #:

Source Codes: MW=Monitor Well; RO=Run Off; T=Treatment Facility; X= Other, Specify Equipment Blank; B=Bottom Sediment; O=Outfall; S=Soil; W=Well; L=Lake/Pond/Ocean; PW=Potable Water; SG=Sludge; LF=Landfill; R=River/Stream; ST=Septic Tank

SCANNED COC

ITEM NUMBER	SAMPLE NUMBER	SOURCE CODE	CONTAINER NO.	CONTAINER TYPE	CONTAINER SIZE	CONTAINER PRESERV.	ANALYSIS REQUIRED	COMMENTS	TRANSFER NUMBER & CHECK 1	2	3	4
1	743051228-01	S	2	G	4oz	I	See APRF	SS-1001	✓	✓		
2	-02							SS-1002				
3	-03							SS-1003				
4	-04							SS-1004				
5	-05	↓	↓	↓	↓	↓	*HOLD*	SS-1005				
6	-16	X	1	P	250ml	I/N	See APRF	Equipment Blank				
7	-16		1	P	1000 ml	I (CG)						
8	-16	↓	7	A	1000 ml	I		↓				
9	-17	S	2	G	4oz	I		SS-1005				
10	-18	↓	↓	↓	↓	↓	↓		↓	↓		

Container Code: P=Plastic; V=VOA Vial; C=Cube; G=Glass; A=Amber Glass; T=Teflon Lid; B=Bacteria Bottle

Preservative Code: I=Iced; F=Filtered; N=Nitric Acid [HNO_3]; H=Hydrochloric Acid [HCl]; S=Sodium Hydroxide [NaOH]; T=Sodium Thiosulfate [$Na_2S_2O_3$]; B=Sodium Bisulfate [$NaHSO_4$]; O=Sulfuric Acid [H_2SO_4]; A=Ascorbic Acid [$C_6H_8O_6$]; X=Other, Specify

Sampler's Signature	Affiliation	Date	Time
Cindy L Sauer	F+O	12/28/05	1540

ADDITIONAL COMMENTS:
* HOLD sample -05
Equipment Blank included
7.8

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-10	Cindy L Sauer	F+O Fridge	12/28/05	1550
2	1-10	F+O Fridge	[illegible]	12/29/05	1045
3	1-10	[illegible]	PC	12-29-05	1045
4	1-10		[illegible]	12-29-05	1550

F&O 500

Analytical Parameter Request

Project #: **20051057.A10**	Date Sampled: **December 28, 2005**	FUSS & O'NEILL *Disciplines to Deliver*
Project Name: **RIDEM-Gorham Mfg**	Date Submitted: **December 29, 2005**	
Laboratory: **Premier Laboratory**	Submittor: **Josh Wilson, F&O**	

Report To: **Fuss & O'Neill, Inc., Providence, RI**	Attention: **David Foss**

Invoice to: **RIDEM in accordance with laboratory's Master Price Agreement** Mailing Address: **235 Promenade Street** City, State, Zip: **Providence, RI 02908** Special Instructions: **- All samples in this APRF contain SEDIMENT/SOIL samples** **- We request that the laboratory complete the Data Validation Completeness Checklist, attached**	Attention: **Joesph Martella, II** Phone #: **401-222-4700 ext. 7109**

COC #	Sample ID	COC #	Sample ID	COC #	Sample ID
60445	743051228-01	60445	743051228-17		
	-02		-18		
	-03				
	-04				
	-05				
	-16				

Comments:

1	Blank(s) included in sample
1	Duplicate(s) included in sample

Requested Parameters

Analyses to be conducted in accordance with QAPP (revision 1.2) dated December 2005. Detection limits have been copied from QAPP and are attached. (Tables 3-2 and 3-3)

ANALYSES	SEDIMENT	SOIL
TPH (8100M)	Yes	No
VOCs (8260)	Yes	No
SVOCs (8270)	Yes	Yes
Priority Pollutant Metals (6010/7470) *	Yes	Yes
Cyanide (9012)	Yes	Yes
Pesticides (8081A)	Yes	Yes
PCBs (8082)	Yes	Yes

* Barium added per Dave Foss 1/6/06. DJ

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
Antimony	10	820	NE	NE	0.50	0.010
Arsenic	7.0	7.0	NE	NE	0.50	0.010
Beryllium	0.4	1.3	NE	NE	0.05	0.001
Cadmium	39	1,000	NE	NE	0.10	0.002
Chromium, Trivalent	1,400	10,000	NE	NE	0.50	0.010
Chromium, Hexavalent	390	10,000	NE	NE	0.50	0.050
Copper	3,100	10,000	NE	NE	0.50	0.010
Lead	150	500	NE	NE	0.20	0.004
Mercury	23	610	NE	NE	0.02	0.0002
Nickel	1,000	10,000	NE	NE	0.50	0.010
Selenium	390	10,000	NE	NE	0.50	0.010
Thallium	5.5	140	NE	NE	0.25	0.005
Zinc	6,000	10,000	NE	NE	0.50	0.010
Cyanide	200	10,000	NE	NE	0.25	0.01
PCBs	10	10	10.0	NE	0.013	0.0002
Acetone	7,800	10,000	NE	NE	0.02	0.02
Benzene	2.5	200	4.3	0.14	0.005	0.005
Bromodichloromethane	10	92	NE	NE	0.005	0.005
Bromoform	81	720	NE	NE	0.005	0.005
Bromomethane	0.8	2,900	NE	NE	0.005	0.005
Carbon Tetrachloride	1.5	44	5.0	0.07	0.005	0.005
Chlorobenzene	210	10,000	100	3.2	0.005	0.005
Chloroform	1.2	940	NE	NE	0.005	0.005
Dibromochloromethane	7.6	68	NE	NE	0.005	0.005
1,2-Dibromo-3-chloropropane	0.5	4.1	NE	0.002	0.005	0.001
1,1-Dichloroethane	920	10,000	NE	NE	0.005	0.005
1,2-Dichloroethane	0.9	63	2.3	0.11	0.005	0.005
1,1-Dichloroethene	0.2	9.5	0.7	0.007	0.005	0.005
cis-1,2-Dichloroethene	630	10,000	60	2.4	0.005	0.005

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
trans-1,2-Dichloroethene	1,100	10,000	92	2.8	0.005	0.005
1,2-Dichloropropane	1.9	84	70	3.0	0.005	0.005
Ethylbenzene	71	10,000	62	1.6	0.005	0.005
Ethylene dibromide	0.01	0.07	NE	NE	0.005	0.005
Isopropylbenzene	27	10,000	NE	NE	0.005	0.005
Methyl ethyl ketone	10,000	10,000	NE	NE	0.02	0.02
Methyl isobutyl ketone	1,200	10,000	NE	NE	0.02	0.02
Methyl t-butyl ether	390	10,000	100	5.0	0.005	0.005
Methylene chloride	45	760	NE	NE	0.005	0.005
Styrene	13	190	64	2.2	0.005	0.005
1,1,1,2-Tetrachloroethane	2.2	220	NE	NE	0.005	0.005
1,1,2,2-Tetrachloroethane	1.3	29	NE	NE	0.005	0.005
Tetrachloroethene	12	110	4.2	0.15	0.005	0.005
Toluene	190	10,000	54	1.7	0.005	0.005
1,1,1-Trichloroethane	540	10,000	160	3.1	0.005	0.005
1,1,2-Trichloroethane	3.6	100	NE	NE	0.005	0.005
Trichloroethene	13	520	20	0.54	0.005	0.005
Vinyl chloride	0.02	3.0	NE	NE	0.005	0.005
Xylenes (total)	110	10,000	NE	NE	0.005	0.005
Acenaphthene	43	10,000	NE	NE	0.167	0.005
Acenaphthylene	23	10,000	NE	NE	0.167	0.005
Anthracene	35	10,000	NE	NE	0.167	0.005
Benzo(a)anthracene	0.9	7.8	NE	NE	0.167	0.005
Benzo(a)pyrene	0.4	0.8	NE	NE	0.167	0.005
Benzo(b)fluoranthene	0.9	7.8	NE	NE	0.167	0.005
Benzo(g,h,i)perylene	0.8	10,000	NE	NE	0.167	0.005
Benzo(k)fluoranthene	0.9	78	NE	NE	0.167	0.005
1,1-Biphenyl	0.8	10,000	NE	NE	0.167	0.005
bis(2-ethylhexyl)phthalate	46	410	NE	NE	0.167	0.005

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
bis(2-chloroethyl)ether	0.6	5.2	NE	NE	0.167	0.005
bis(2-chloroisopropyl)ether	9.1	82	NE	NE	0.167	0.005
4-chloroaniline	310	8,200	NE	NE	0.167	0.005
2-Chlorophenol	50	10,000	NE	NE	0.167	0.005
Chrysene	0.4	780	NE	NE	0.167	0.005
Dibenzo(a,h)anthracene	0.4	0.8	NE	NE	0.167	0.005
o-Dichlorobenzene	510	10,000	NE	NE	0.167	0.005
m-Dichlorobenzene	430	10,000	NE	NE	0.167	0.005
p-Dichlorobenzene	27	240	NE	NE	0.167	0.005
3,3-Dichlorobenzidine	1.4	13	NE	NE	0.167	0.005
2,4-Dichlorophenol	30	6,100	NE	NE	0.167	0.005
Diethyl phthalate	340	10,000	NE	NE	0.167	0.005
2,4-Dimethyl phenol	1,400	10,000	NE	NE	0.167	0.005
Dimethyl phthalate	1,900	10,000	NE	NE	0.167	0.005
2,4-Dinitrophenol	160	4,100	NE	NE	0.167	0.005
2,4-Dinitrotoluene	0.9	8.4	NE	NE	0.167	0.005
Fluoranthene	20	10,000	NE	NE	0.167	0.005
Fluorene	28	10,000	NE	NE	0.167	0.005
Hexachlorobenzene	0.4	3.6	NE	NE	0.167	0.005
Hexachlorobutadiene	8.2	73	NE	NE	0.167	0.005
Hexachloroethane	46	410	NE	NE	0.167	0.005
Indeno(1,2,3-cd)pyrene	0.9	7.8	NE	NE	0.167	0.005
2-Methylnaphthalene	123	10,000	NE	NE	0.167	0.005
Naphthalene	54	10,000	NE	NE	0.167	0.005
Pentachlorophenol	5.3	48	NE	NE	0.167	0.005
Phenanthrene	40	10,000	NE	NE	0.167	0.005
Phenol	6,000	10,000	NE	NE	0.167	0.005
Pyrene	13	10,000	NE	NE	0.167	0.005
1,2,4-Trichlorobenzene	96	10,000	NE	NE	0.167	0.005

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
2,4,5-Trichlorophenol	330	10,000	NE	NE	0.167	0.005
2,4,6-Trichlorophenol	58	520	NE	NE	0.167	0.005
Aldrin	NE	NE	NE	NE	0.00067*	0.00002
alpha-BHC	NE	NE	NE	NE	0.00067*	0.00002
beta-BHC	NE	NE	NE	NE	0.00067*	0.00002
delta-BHC	NE	NE	NE	NE	0.00067*	0.00002
gamma-BHC (Lindane)	NE	NE	NE	NE	0.00067*	0.00002
alpha-Chlordane	NE	NE	NE	NE	0.00067*	0.00002
gamma-Chlordane	NE	NE	NE	NE	0.00067*	0.00002
4,4'-DDD	NE	NE	NE	NE	0.00067*	0.00002
4,4'-DDE	NE	NE	NE	NE	0.00067*	0.00002
4,4'-DDT	NE	NE	NE	NE	0.00067*	0.00002
Dieldrin	0.04	0.4	NE	NE	0.00067*	0.00002
Endosulfan I	NE	NE	NE	NE	0.00067*	0.00002
Endosulfan II	NE	NE	NE	NE	0.00067*	0.00002
Endosulfan sulfate	NE	NE	NE	NE	0.00067*	0.00002
Endrin	NE	NE	NE	NE	0.00067*	0.00002
Endrin aldehyde	NE	NE	NE	NE	0.00067*	0.00002
Heptachlor	NE	NE	NE	NE	0.00067*	0.00002
Heptachlor epoxide	NE	NE	NE	NE	0.00067*	0.00002
Methoxychlor	NE	NE	NE	NE	0.00067*	0.00002
Toxaphene	NE	NE	NE	NE	0.00067*	0.00002
Total Petroleum Hydrocarbons	500~~NE~~	2500~~NE~~	NE	NE	10	0.100
1,2,3,7,8-PeCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,6,7,8-HxCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,7,8-HxCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,7,8,9-HxCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,6,7,8-HpCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,5,6,7,8-OCDD	NE	NE	NE	NE	0.001	0.0000001

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
2,3,7,8-TCDF	NE	NE	NE	NE	0.0001	0.00000001
1,2,3,7,8-PeCDF	NE	NE	NE	NE	0.0005	0.00000005
2,3,4,7,8-PeCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,6,7,8-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,7,8,9-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,7,8-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
2,3,4,6,7,8-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2.3,4,6,7,8-HpCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,7,8,9-HpCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,5,6,7,8-OCDF	NE	NE	NE	NE	0.001	0.0000001

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
Antimony	mg/Kg	2.0[b]	0.50	1.00
Arsenic	mg/Kg	9.79[a]	1.00	2.00
Beryllium	mg/Kg	NE	0.050	0.10
Cadmium	mg/Kg	0.99[a]	0.20	0.40
Chromium, Trivalent	mg/Kg	43.4[a]	1.00	2.00
Chromium, Hexavalent	mg/Kg	43.4[a]	0.50	1.00
Copper	mg/Kg	31.6[a]	1.00	2.00
Lead	mg/Kg	35.8[a]	0.40	0.80
Mercury	mg/Kg	0.18[a]	0.01	0.02
Nickel	mg/Kg	22.7[a]	1.00	2.00
Selenium	mg/Kg	NE	0.50	1.00
Thallium	mg/Kg	NE	0.25	0.50
Zinc	mg/Kg	121[a]	1.00	2.00
Cyanide	mg/Kg	0.0001[c,g]	0.25	0.50
PCBs	µg/Kg	59.8[b]	13	26
Acetone	µg/Kg	8.7[d]	20	40
Benzene	µg/Kg	57[e]	5	10
Bromodichloromethane	µg/Kg	NE	5	10
Bromoform	µg/Kg	650[d,e]	5	10
Bromomethane	µg/Kg	NE	5	10
Carbon Tetrachloride	µg/Kg	47[d]	5	10
Chlorobenzene	µg/Kg	410[d]	5	10
Chloroform	µg/Kg	22[d]	5	10
Dibromochloromethane	µg/Kg	NE	5	10
1,2-Dibromo-3-chloropropane	µg/Kg	NE	5	10
1,1-Dichloroethane	µg/Kg	27[d]	5	10
1,2-Dichloroethane	µg/Kg	250[d]	5	10
1,1-Dichloroethene	µg/Kg	31[d]	5	10
cis-1,2-Dichloroethene	µg/Kg	400[d]	5	10
trans-1,2-Dichloroethene	µg/Kg	400[d]	5	10
1,2-Dichloropropane	µg/Kg	NE	5	10

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
Ethylbenzene	µg/Kg	NE	5	10
Ethylene dibromide	µg/Kg	NE	5	10
Isopropylbenzene	µg/Kg	NE	5	10
Methyl ethyl ketone	µg/Kg	NE	20	40
Methyl isobutyl ketone	µg/Kg	NE	20	40
Methyl t-butyl ether	µg/Kg	NE	5	10
Methylene chloride	µg/Kg	NE	5	10
Styrene	µg/Kg	NE	5	10
1,1,1,2-Tetrachloroethane	µg/Kg	NE	5	10
1,1,2,2-Tetrachloroethane	µg/Kg	940[e]	5	10
Tetrachloroethene	µg/Kg	410[d]	5	10
Toluene	µg/Kg	50[d]	5	10
1,1,1-Trichloroethane	µg/Kg	30[d]	5	10
1,1,2-Trichloroethane	µg/Kg	1200[d]	5	10
Trichloroethene	µg/Kg	220[d]	5	10
Vinyl chloride	µg/Kg	NE	5	10
Xylenes (total)	µg/Kg	160[d]	5	10
Acenaphthene	µg/Kg	NE	6.7	13.4
Acenaphthylene	µg/Kg	NE	6.7	13.4
Anthracene	µg/Kg	57.2[b]	6.7	13.4
Benzo(a)anthracene	µg/Kg	31.7[f]	6.7	13.4
Benzo(a)pyrene	µg/Kg	31.9[f]	6.7	13.4
Benzo(b)fluoranthene	µg/Kg	NE	6.7	13.4
Benzo(g,h,i)perylene	µg/Kg	170[g]	6.7	13.4
Benzo(k)fluoranthene	µg/Kg	240[g]	6.7	13.4
1,1-Biphenyl	µg/Kg	1100[d,e]	167	334
bis(2-ethylhexyl)phthalate	µg/Kg	89,000[d]	167	334
bis(2-chloroethyl)ether	µg/Kg	NE	167	334
bis(2-chloroisopropyl)ether	µg/Kg	NE	167	334
4-chloroaniline	µg/Kg	NE	167	334
2-Chlorophenol	µg/Kg	NE	167	334

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
Chrysene	µg/Kg	166[a]	6.7	13.4
Dibenzo(a,h)anthracene	µg/Kg	6.22[h]	6.7	13.4
o-Dichlorobenzene	µg/Kg	330[d]	167	334
m-Dichlorobenzene	µg/Kg	1700[d]	167	334
p-Dichlorobenzene	µg/Kg	340[d]	167	334
3,3-Dichlorobenzidine	µg/Kg	NE	167	334
2,4-Dichlorophenol	µg/Kg	NE	167	334
Diethyl phthalate	µg/Kg	600[d]	167	334
2,4-Dimethyl phenol	µg/Kg	NE	167	334
Dimethyl phthalate	µg/Kg	NE	167	334
2,4-Dinitrophenol	µg/Kg	NE	167	334
2,4-Dinitrotoluene	µg/Kg	NE	167	334
Fluoranthene	µg/Kg	423[a]	6.7	13.4
Fluorene	µg/Kg	77.4[a]	6.7	13.4
Hexachlorobenzene	µg/Kg	NE	167	334
Hexachlorobutadiene	µg/Kg	1000[d]	167	334
Hexachloroethane	µg/Kg	NE	167	334
Indeno(1,2,3-cd)pyrene	µg/Kg	200[g]	6.7	13.4
2-Methylnaphthalene	µg/Kg	130[d]	167	334
Naphthalene	µg/Kg	176[a]	6.7	13.4
Pentachlorophenol	µg/Kg	NE	167	334
Phenanthrene	µg/Kg	204[a]	6.7	13.4
Phenol	µg/Kg	NE	167	334
Pyrene	µg/Kg	53[h]	6.7	13.4
1,2,4-Trichlorobenzene	µg/Kg	9200[d]	167	334
2,4,5-Trichlorophenol	µg/Kg	NE	167	334
2,4,6-Trichlorophenol	µg/Kg	NE	167	334
Total Petroleum Hydrocarbons	µg/Kg	NE	10	20
2,3,7,8-TCDD	ng/Kg	NE	1.0	2.0
1,2,3,7,8-PeCDD	µg/Kg	NE	5.0	10
1,2,3,6,7,8-HxCDD	µg/Kg	NE	5.0	10

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
1,2,3,4,7,8-HxCDD	µg/Kg	NE	5.0	10
1,2,3,7,8,9-HxCDD	µg/Kg	NE	5.0	10
1,2,3,4,6,7,8-HpCDD	µg/Kg	NE	5.0	10
1,2,3,4,5,6,7,8-OCDD	µg/Kg	NE	10	20
2,3,7,8-TCDF	µg/Kg	NE	1.0	2.0
1,2,3,7,8-PeCDF	µg/Kg	NE	5.0	10
2,3,4,7,8-PeCDF	µg/Kg	NE	5.0	10
1,2,3,6,7,8-HxCDF	µg/Kg	NE	5.0	10
1,2,3,7,8,9-HxCDF	µg/Kg	NE	5.0	10
1,2,3,4,7,8-HxCDF	µg/Kg	NE	5.0	10
2,3,4,6,7,8-HxCDF	µg/Kg	NE	5.0	10
1,2.3.4.6.7.8-HpCDF	µg/Kg	NE	5.0	10
1,2,3,4,7,8,9-HpCDF	µg/Kg	NE	5.0	10
1,2,3,4,5,6,7,8-OCDF	µg/Kg	NE	10	20

REFERENCES:

a. MacDonald, D.D., C.G. Ingersoll, and T.A. Berger. 2000. Development and evaluation of consensus-based sediment quality guidelines for freshwater ecosystems. Archives of Environmental Contamination and Toxicology 39:20-31.

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SEVERN TRENT STL®

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West Sacramento, CA 95605

Tel: 916 373 5600 Fax: 916 372 1059
www.stl-inc.com

January 22, 2006

STL SACRAMENTO PROJECT NUMBER: G5L300272
PO/CONTRACT:

David Foss
Fuss & O'Neill, Inc.
275 Promenade Street
Suite 350
Providence, RI 02908

Dear Mr. Foss,

This report contains the analytical results for the samples received under chain of custody by STL Sacramento on December 30, 2005. These samples are associated with your 20051057.A10 Gorman Manufacturing Facility project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4433.

Sincerely,

Robert Hrabak
Project Manager

TABLE OF CONTENTS

STL SACRAMENTO PROJECT NUMBER G5L300272

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G5L300272

General Comments

The samples were received at 8°C.

STL received a sample that was listed on the chain of custody as 743051228-15, but was physically labeled as 699051228-15. Per the direction of Joshua Wilson of Fuss & O'Neill, Inc. on January 3, 2006, the sample was logged into STL LIMS as 743051228-15.

Please note that sample 743051228-05 was placed on hold per the directions on the chain of custody.

SOLID, 8290, Dioxins/Furans

Sample(s): 1, 2, 3, and 4
The bracketing continuing calibration ST0109A analyzed on January 10, 2006 at 04:00 has a response for 13C-1,2,3,4,7,8-HxCDF that is above the method recommended criteria of 35% deviation from the initial calibration curve. There is no adverse affect on the data quality as the recovery for this internal standard is in control in all associated samples.

Sample(s): 5, 6, 8, 9, 10, 11, 14, and 15
The bracketing continuing calibration ST0111 analyzed on January 11, 2006 at 08:41 has response for 1,2,3,7,8,9-HxCDF and 13C-OCDD that are between the method recommended criteria of -20%- -25% and -30%- -35%, respectively, deviation from the initial calibration curve. Per method guidelines, an average relative response factor (RRF) from the initial and bracketing continuing calibrations is used to quantitate detections above the lower calibration limit in the associated samples. There is no adverse impact on the data as a result of this anomaly.

Sample: 5
The isomer 2,3,7,8-TCDD has been designated with the "JA" qualifier due to the ion abundance ratio being outside of criteria. The isomer has been qualified as "positively identified, but at an estimated quantity" because the quantitation is based on the theoretical ratio for this sample as per Section 7.9.5.2.1 of Method 8290.

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G5L300272

WATER, 8290, Dioxins/Furans
Sample(s): 7 and 13
The bracketing continuing calibration ST0111 analyzed on January 11, 2006 at 08:41 has response for 1,2,3,7,8,9-HxCDF and 13C-OCDD that are between the method recommended criteria of -20%- -25% and -30%- -35% , respectively, deviation from the initial calibration curve. Per method guidelines, an average relative response factor (RRF) from the initial and bracketing continuing calibrations is used to quantitate detections above the lower calibration limit in the associated samples. There is no adverse impact on the data as a result of this anomaly. (This anomaly applies to the laboratory quality control samples associated with your field samples.)

There were no other anomalies associated with this project.

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH nelac

STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	Oregon*	CA 200005
Arizona	AZ0616	Pennsylvania	68-1272
Arkansas	04-067-0	South Carolina	87014002
California*	01119CA	Texas	TX 270-2004A
Colorado	NA	Utah*	QUAN1
Connecticut	PH-0691	Virginia	00178
Florida*	E87570	Washington	C087
Georgia	960	West Virginia	9930C, 334
Hawaii	NA	Wisconsin	998204680
Louisiana*	01944	NFESC	NA
Michigan	9947	USACE	NA
Nevada	CA44	USDA Foreign Plant	37-82605
New Jersey*	CA005	USDA Foreign Soil	S-46613
New York*	11666		

*NELAP accredited. A more detailed parameter list is available upon request. Update 1/27/05

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

Sample Summary
G5L300272

WO#	Sample #	Client Sample ID	Sampling Date	Received Date
HT1V2	1	699051228-06	12/28/2005	12/30/2005 08:55 AM
HT1V9	2	699051228-07	12/28/2005	12/30/2005 08:55 AM
HT1WF	3	699051228-08	12/28/2005	12/30/2005 08:55 AM
HT1WH	4	699051228-09	12/28/2005	12/30/2005 08:55 AM
HT1WK	5	699051228-10	12/28/2005	12/30/2005 08:55 AM
HT1WL	6	699051228-11	12/28/2005	12/30/2005 08:55 AM
HT1WM	7	699051228-13	12/28/2005	12/30/2005 08:55 AM
HT1WP	8	743051228-01	12/28/2005	12/30/2005 08:55 AM
HT1WR	9	743051228-02	12/28/2005	12/30/2005 08:55 AM
HT1WT	10	743051228-03	12/28/2005	12/30/2005 08:55 AM
HT1WW	11	743051228-04	12/28/2005	12/30/2005 08:55 AM
HT1W0	13	743051228-15	12/28/2005	12/30/2005 08:55 AM
HT1W1	14	743051228-17	12/28/2005	12/30/2005 08:55 AM
HT1W3	15	743051228-18	12/28/2005	12/30/2005 08:55 AM

Notes(s):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight

G5L300272

Fuss & O'Neill Inc.
consulting engineers
Environmental Field Services

CHAIN-OF-CUSTODY RECORD № 63144

FUSS & O'NEILL, INC.
146 HARTFORD ROAD
MANCHESTER, CT 06040
(860) 646-2469

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
RIDEM - Gorham Mfg	Providence, RI	20051057. A10	STL

REPORT TO: See APRF
INVOICE TO: ↓
P. O. #:

Source Codes: MW=Monitor Well, RO=Run Off, T=Treatment Facility, X= Other, Specify Equipment Blank; B=Bottom Sediment, O=Outfall, S=Soil, W=Well; L=Lake/Pond/Ocean, PW=Potable Water, SG=Sludge; LF=Landfill, R=River/Stream, ST=Septic Tank

ITEM NUMBER	SAMPLE NUMBER	SOURCE CODE	CONTAINER NO.	CONTAINER TYPE	CONTAINER SIZE	CONTAINER PRESERV.	ANALYSIS REQUIRED	COMMENTS	TRANSFER NUMBER & CHECK 1	2	3	4
1	699051228-06	B	1	G	8oz	I	SEE APRF		✓			
2	-07	↓	↓	↓	↓	↓	↓		↓			
3	-08											
4	-09											
5	-10											
6	-11											
7	-13	X	~~1~~ 2	A	1000 mL	I			✓			

x no sample dated listed on COC, logged in according to date listed on sample - CU123005

RECEIVED IN GOOD CONDITION UNDER COC
DEC 30 2005
INI: [signature]

Container Code: P=Plastic V=VOA Vial C=Cube G=Glass A=Amber Glass T=Teflon Lid B=Bacteria Bottle

Preservative Code: I=Iced F=Filtered N=Nitric Acid [HNO_3] H=Hydrochloric Acid [HCl] S=Sodium Hydroxide [NaOH] T=Sodium Thiosulfate [$Na_2S_2O_3$] B=Sodium Bisulfate [$NaHSO_4$] O=Sulfuric Acid [H_2SO_4] A=Ascorbic Acid [$C_6H_8O_6$] X=Other, Specify

Sampler's Signature	Affiliation	Date	Time
[signature]	F&O	12.28.05	1547

ADDITIONAL COMMENTS:
Equipment Blank Included

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-7	[signature]	F&O Rm Fridge	12.28.05	1550
2	1-7	F&O Fridge	[signature]	12/29/05	1320
3	1-7	[signature]	STL via FedEx	12/29/05	
4			[signature]	12/30/05	1110

F&O 500

STL Sacramento (916) 373 - 5600

G5L300272

Fuss & O'Neill Inc.
consulting engineers
Environmental Field Services

CHAIN-OF-CUSTODY RECORD № 60446

FUSS & O'NEILL, INC.
146 HARTFORD ROAD
MANCHESTER, CT 06040
(860) 646-2469

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
RIDEM - Gorham Mfg	Providence, RI	20051057. A10	STL

REPORT TO: See APRF
INVOICE TO: ↓
P. O. #:

Source Codes: B=Bottom Sediment; L=Lake/Pond/Ocean; LF=Landfill; MW=Monitor Well; O=Outfall; PW=Potable Water; R=River/Stream; RO=Run Off; S=Soil; SG=Sludge; ST=Septic Tank; T=Treatment Facility; W=Well; X= Other, Specify Equipment Blank

ITEM NUMBER	SAMPLE NUMBER	SOURCE CODE	CONTAINER NO.	CONTAINER TYPE	CONTAINER SIZE	CONTAINER PRESERV.	ANALYSIS REQUIRED	COMMENTS	TRANSFER NUMBER & CHECK 1	2	3	4
1	743051228-01	S	1	G	8oz	I	See APRF	SS-1001	✓			
2	-02	↓	↓	↓	↓	↓	↓	SS-1002	↓			
3	-03							SS-1003				
4	-04							SS-1004				
5	-05						← *HOLD* →	SS-1005				
* 6	-15	X	1	A	1000 ml	I	See APRF	Equipment Blank				
7	-17	S	2	G	4oz	I	↓	SS-1005				
8	-18	↓	↓	↓	↓	↓	↓					

* Rec'd sample labeled 69905/228-15-CV123005 - no sample date listed on COC, Logged in According to date on COC-CV123005

RECEIVED IN GOOD CONDITION UNDER COC
DEC 30 2005
INI:

Container Code: P=Plastic V=VOA Vial C=Cube G=Glass A=Amber Glass T=Teflon Lid B=Bacteria Bottle

Preservative Code: I=Iced F=Filtered N=Nitric Acid [HNO_3] H=Hydrochloric Acid [HCl] S=Sodium Hydroxide [NaOH] T=Sodium Thiosulfate [$Na_2S_2O_3$] B=Sodium Bisulfate [$NaHSO_4$] O=Sulfuric Acid [H_2SO_4] A=Ascorbic Acid [$C_6H_8O_6$] X=Other, Specify

Sampler's Signature	Affiliation	Date	Time
Emily Chu	F+O	12/28/05	1541

ADDITIONAL COMMENTS:
*HOLD sample -05
Equipment Blank Included

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-8	Emily Chu	F+O Fridge	12/28/05	1551
2	1-8	F+O Fridge	Emily Chu	12/29/05	1321
3	1-8	Emily Chu	STL via FedEx	12/29/05	
4			Cheng Liu	12/30/05	1110

F&O 500

SEVERN TRENT **STL**

LOT RECEIPT CHECKLIST
STL Sacramento

CLIENT Fuss & O'Neill, inc PM RH LOG # 36446

LOT# (QUANTIMS ID) G5L30272 QUOTE# 68174 LOCATION W19C

		Initials	Date
DATE RECEIVED 12/30/05 TIME RECEIVED 0955		CN	12/30/05
DELIVERED BY	☑ FEDEX ☐ CA OVERNIGHT ☐ CLIENT ☐ AIRBORNE ☐ GOLDENSTATE ☐ DHL ☐ UPS ☐ BAX GLOBAL ☐ GO-GETTERS ☐ STL COURIER ☐ COURIERS ON DEMAND ☐ OTHER		
CUSTODY SEAL STATUS	☑ INTACT ☐ BROKEN ☐ N/A		
CUSTODY SEAL #(S)	4184113, 418511		
SHIPPPING CONTAINER(S)	☑ STL ☐ CLIENT ☐ N/A		
TEMPERTURE RECORD (IN °C)	IR 1 ☑ 3 ☐ ☐ OTHER		
COC #(S)	62446, 63144		
TEMPERATURE BLANK	Observed: N/A Corrected:		
SAMPLE TEMPERATURE Observed: 8 7 9	Average: 8 Corrected Average: 8		
COLLECTOR'S NAME:	☐ Verified from COC ☑ Not on COC		
pH MEASURED	☐ YES ☐ ANOMALY ☑ N/A		
LABELED BY			
LABELS CHECKED BY			
PEER REVIEW	☑ NA		
SHORT HOLD TEST NOTIFICATION	SAMPLE RECEIVING WETCHEM ☑ N/A VOA-ENCORES ☑ N/A		
☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL	☑ N/A		
☐ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES	☑ N/A		
☑ Clouseau	☑ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1 ☐ N/A		
☑ WET ICE	☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED		☑ PM NOTIFIED

Notes: 1 Bag Rec'd 7430571228-015 Labeled as 6990571228-15 Sample date not listed on COC, logged in According to date on Sample rec'd.

*1 Acceptable temperature range for State of Wisconsin samples is ≤ 4°C.

G5L30027 LEAVE NO SPACES BLANK. USE "N/A" IF NOT APPLICABLE. INITIAL AND DATE ALL "N/A" ENTRIES. QA-185 3/05 EM, Page 1 of 1

Gorham Mfg. Facility HRABAKR

GSL300272

SEVERN TRENT STL

IN-HOUSE CHAIN OF CUSTODY

STL Sacramento

LOT # GSL300272

LOCATION W 19C

SAMPLE CHECK OUT

SAMPLE (S)	CONTAINER	INIT	TEST	DATE	TIME	W
1-6, 8-11, 14, 15	125 250 CGJ	T.L	8240	1/5/06	14:10	
7, 13	AGB	SDA	BETO	1/9/06	9:20	

SAMPLE CHECK IN

SAMPLE(S)	CONTAINER	INIT	DATE	TIME	Return Location	COMMENTS
1-6, 8-11, 14, 15	125/250 CGJ	CC	1/5	1900	190	
DIT						

1. Sample # (ex: 1,2,4-10)
2. Container (ex: AGB)
3. Init: your initials
4. Test: analysis sample is for
5. Date: date taken/returned
6. Time: time taken/returned
7. W: peer witness of checkout
8. Rtrn Loc: location samples returned to
9. Comments: (ie: empty, subsampled)

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Traffic Report	☑	☐	
3.	Volatiles Data	☐	☐	
a.	Sample Data			
	Target Compound List (TCL) Results	☐	☐	
	Reconstructed total ion chromatograms (RIC) for each sample	☐	☐	
	For each sample:			
	Raw spectra and background-subtracted mass spectra of target compounds identified	☐	☐	
	Mass spectra of all reported TICs with three best library matches	☐	☐	
	Percent solids calculations	☐	☐	
b.	Standards Data (all instruments)			
	Initial Calibration Data	☐	☐	
	RICs and Quan Reports for all Standards	☐	☐	
	Continuing Calibration	☐	☐	
	RICs and Quan Reports for all Standards	☐	☐	
	Internal Standard Area Summary	☐	☐	
c.	Raw QC Data			
	Blank Data	☐	☐	
	Matrix Spike Data	☐	☐	
	Matrix Spike Duplicate Data	☐	☐	
4.	Semivolatiles Data (8290)			
a.	QC Summary			
	Surrogate Percent Recovery Summary	☑	☐	SEE DATA SHEETS
	MS/MSD Summary	☐	☐	NOT APPLICABLE (NA)
	Method Blank Summary	☑	☐	
	Tuning and Mass Calibration	☑	☐	SEE CCAL/ICAL DATA

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☐	☐	NA
Tentatively Identified Compounds	☐	☐	NA
Reconstructed total ion chromatograms (RIC) for each sample	☑	☐	
For each sample:			
Raw spectra ~~and background subtracted mass spectra of TCL compounds~~ RH 1/22/06	☐	☐	
Mass spectra of TICs with 3 best library matches	☐	☐	NA
GPC chromatograms (if GPC performed)	☐	☐	NA
c. Standards Data (all instruments)			
Initial Calibration Data	☑	☐	
RICs and Quan Reports for all Standards	☑	☐	
Continuing Calibration	☑	☐	
RICs and Quan Reports for all Standards	☑	☐	
Internal Standard Areas Summary	☐	☐	NA
Internal Standard Areas Summary	☐	☐	NA
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☐	☐	NA
Blank Data	☑	☐	
Matrix Spike Data	☐	☐	NA
Matrix Spike Duplicate Data	☐	☐	NA
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☑	☐	
Internal sample & sample extract transfer chain-of custody records	☐	☐	
Screening Records	☐	☐	NA
All instrument output, including strip charts from screening activities (describe or list)	☑	☐	

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

	PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?** YES	NO	COMMENTS
6. Chain-of-Custody Records	☑	☐	
Sample Log-in Sheet (Lab & DC1)	☑	☐	
Miscellaneous Shipping/Receiving Records (describe or list)	☐	☐	MA
7. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)	☑	☐	
8. Other Records (describe or list)	☐	☐	

9. Comments:

** See laboratory Quality Assurance Plan for limits.

Completed by: (Lab) _____ (Signature) ROBERT HRABAK / CSM (Printed Name/Title) 1/22/06 Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: (Lab) _____ (Signature) ROBERT HRABAK / CSM (Printed Name/Title) 1/22/06 Date

SOLID, 8290, Dioxins/Furans

Fuss & O'Neill, Inc.

Client Sample ID: 699051228-06

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-001 Work Order #...: HT1V21AC Matrix.....: SOLID
Date Sampled...: 12/28/05 Date Received..: 12/30/05
Prep Date.....: 01/05/06 Analysis Date..: 01/09/06
Prep Batch #...: 6005466
Dilution Factor: 1
% Moisture.....: 82

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	9.2		pg/g	SW846 8290
Total TCDD	110		pg/g	SW846 8290
1,2,3,7,8-PeCDD	33		pg/g	SW846 8290
Total PeCDD	290		pg/g	SW846 8290
1,2,3,4,7,8-HxCDD	ND	14	pg/g	SW846 8290
1,2,3,6,7,8-HxCDD	39		pg/g	SW846 8290
1,2,3,7,8,9-HxCDD	20 J		pg/g	SW846 8290
Total HxCDD	420		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDD	140		pg/g	SW846 8290
Total HpCDD	260		pg/g	SW846 8290
OCDD	480		pg/g	SW846 8290
2,3,7,8-TCDF	29 CON		pg/g	SW846 8290
Total TCDF	1300		pg/g	SW846 8290
1,2,3,7,8-PeCDF	55		pg/g	SW846 8290
2,3,4,7,8-PeCDF	170		pg/g	SW846 8290
Total PeCDF	5400		pg/g	SW846 8290
1,2,3,4,7,8-HxCDF	110		pg/g	SW846 8290
1,2,3,6,7,8-HxCDF	260		pg/g	SW846 8290
2,3,4,6,7,8-HxCDF	220		pg/g	SW846 8290
1,2,3,7,8,9-HxCDF	ND	7.1	pg/g	SW846 8290
Total HxCDF	5800		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDF	210		pg/g	SW846 8290
1,2,3,4,7,8,9-HpCDF	47		pg/g	SW846 8290
Total HpCDF	550		pg/g	SW846 8290
OCDF	70		pg/g	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	78	(40 - 135)
13C-1,2,3,7,8-PeCDD	68	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	79	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	86	(40 - 135)
13C-OCDD	65	(40 - 135)
13C-2,3,7,8-TCDF	81	(40 - 135)
13C-1,2,3,7,8-PeCDF	82	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	81	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	77	(40 - 135)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than the reporting limit.

CON Confirmation analysis.

Fuss & O'Neill, Inc.

Client Sample ID: 699051228-07

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-002 Work Order #...: HT1V91AC Matrix.....: SOLID
Date Sampled...: 12/28/05 Date Received..: 12/30/05
Prep Date.....: 01/05/06 Analysis Date..: 01/09/06
Prep Batch #...: 6005466
Dilution Factor: 1
% Moisture.....: 24

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	0.98 J		pg/g	SW846 8290
Total TCDD	11		pg/g	SW846 8290
1,2,3,7,8-PeCDD	ND	3.0	pg/g	SW846 8290
Total PeCDD	22		pg/g	SW846 8290
1,2,3,4,7,8-HxCDD	ND	1.8	pg/g	SW846 8290
1,2,3,6,7,8-HxCDD	4.7 J		pg/g	SW846 8290
1,2,3,7,8,9-HxCDD	ND	2.7	pg/g	SW846 8290
Total HxCDD	48		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDD	17		pg/g	SW846 8290
Total HpCDD	36		pg/g	SW846 8290
OCDD	77		pg/g	SW846 8290
2,3,7,8-TCDF	4.3 CON		pg/g	SW846 8290
Total TCDF	170		pg/g	SW846 8290
1,2,3,7,8-PeCDF	8.3		pg/g	SW846 8290
2,3,4,7,8-PeCDF	23		pg/g	SW846 8290
Total PeCDF	750		pg/g	SW846 8290
1,2,3,4,7,8-HxCDF	17		pg/g	SW846 8290
1,2,3,6,7,8-HxCDF	33		pg/g	SW846 8290
2,3,4,6,7,8-HxCDF	28		pg/g	SW846 8290
1,2,3,7,8,9-HxCDF	ND	0.91	pg/g	SW846 8290
Total HxCDF	790		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDF	30		pg/g	SW846 8290
1,2,3,4,7,8,9-HpCDF	4.1 J		pg/g	SW846 8290
Total HpCDF	73		pg/g	SW846 8290
OCDF	7.6 J		pg/g	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	75	(40 - 135)
13C-1,2,3,7,8-PeCDD	74	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	80	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	70	(40 - 135)
13C-OCDD	50	(40 - 135)
13C-2,3,7,8-TCDF	80	(40 - 135)
13C-1,2,3,7,8-PeCDF	80	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	86	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	78	(40 - 135)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than the reporting limit.

CON Confirmation analysis.

Fuss & O'Neill, Inc.

Client Sample ID: 699051228-08

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-003 Work Order #...: HT1WF1AC Matrix.....: SOLID
Date Sampled...: 12/28/05 Date Received..: 12/30/05
Prep Date.....: 01/05/06 Analysis Date..: 01/09/06
Prep Batch #...: 6005466
Dilution Factor: 1
% Moisture.....: 86

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	9.5		pg/g	SW846 8290
Total TCDD	120		pg/g	SW846 8290
1,2,3,7,8-PeCDD	31		pg/g	SW846 8290
Total PeCDD	310		pg/g	SW846 8290
1,2,3,4,7,8-HxCDD	16		pg/g	SW846 8290
1,2,3,6,7,8-HxCDD	42		pg/g	SW846 8290
1,2,3,7,8,9-HxCDD	21		pg/g	SW846 8290
Total HxCDD	490		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDD	130		pg/g	SW846 8290
Total HpCDD	270		pg/g	SW846 8290
OCDD	420		pg/g	SW846 8290
2,3,7,8-TCDF	27 CON		pg/g	SW846 8290
Total TCDF	1300		pg/g	SW846 8290
1,2,3,7,8-PeCDF	60		pg/g	SW846 8290
2,3,4,7,8-PeCDF	160		pg/g	SW846 8290
Total PeCDF	5100		pg/g	SW846 8290
1,2,3,4,7,8-HxCDF	170		pg/g	SW846 8290
1,2,3,6,7,8-HxCDF	230		pg/g	SW846 8290
2,3,4,6,7,8-HxCDF	180		pg/g	SW846 8290
1,2,3,7,8,9-HxCDF	8.6		pg/g	SW846 8290
Total HxCDF	5500		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDF	270		pg/g	SW846 8290
1,2,3,4,7,8,9-HpCDF	49		pg/g	SW846 8290
Total HpCDF	620		pg/g	SW846 8290
OCDF	190		pg/g	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	79	(40 - 135)
13C-1,2,3,7,8-PeCDD	75	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	79	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	81	(40 - 135)
13C-OCDD	76	(40 - 135)
13C-2,3,7,8-TCDF	84	(40 - 135)
13C-1,2,3,7,8-PeCDF	88	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	92	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	78	(40 - 135)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

CON Confirmation analysis.

Fuss & O'Neill, Inc.

Client Sample ID: 699051228-09

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-004 Work Order #...: HT1WH1AC Matrix.....: SOLID
Date Sampled...: 12/28/05 Date Received..: 12/30/05
Prep Date.....: 01/05/06 Analysis Date..: 01/09/06
Prep Batch #...: 6005466
Dilution Factor: 1
% Moisture.....: 56

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	2.5		pg/g	SW846 8290
Total TCDD	45		pg/g	SW846 8290
1,2,3,7,8-PeCDD	7.4 J		pg/g	SW846 8290
Total PeCDD	56		pg/g	SW846 8290
1,2,3,4,7,8-HxCDD	6.1 J		pg/g	SW846 8290
1,2,3,6,7,8-HxCDD	12		pg/g	SW846 8290
1,2,3,7,8,9-HxCDD	8.0 J		pg/g	SW846 8290
Total HxCDD	130		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDD	59		pg/g	SW846 8290
Total HpCDD	120		pg/g	SW846 8290
OCDD	240		pg/g	SW846 8290
2,3,7,8-TCDF	15 CON		pg/g	SW846 8290
Total TCDF	290		pg/g	SW846 8290
1,2,3,7,8-PeCDF	28		pg/g	SW846 8290
2,3,4,7,8-PeCDF	43		pg/g	SW846 8290
Total PeCDF	880		pg/g	SW846 8290
1,2,3,4,7,8-HxCDF	57		pg/g	SW846 8290
1,2,3,6,7,8-HxCDF	59		pg/g	SW846 8290
2,3,4,6,7,8-HxCDF	51		pg/g	SW846 8290
1,2,3,7,8,9-HxCDF	ND	2.8	pg/g	SW846 8290
Total HxCDF	1000		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDF	160		pg/g	SW846 8290
1,2,3,4,7,8,9-HpCDF	14		pg/g	SW846 8290
Total HpCDF	240		pg/g	SW846 8290
OCDF	190		pg/g	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	79	(40 - 135)
13C-1,2,3,7,8-PeCDD	76	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	74	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	56	(40 - 135)
13C-OCDD	76	(40 - 135)
13C-2,3,7,8-TCDF	82	(40 - 135)
13C-1,2,3,7,8-PeCDF	87	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	82	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	61	(40 - 135)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than the reporting limit.

CON Confirmation analysis.

Fuss & O'Neill, Inc.

Client Sample ID: 699051228-10

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-005 Work Order #...: HT1WK1AC Matrix.....: SOLID
Date Sampled...: 12/28/05 Date Received..: 12/30/05
Prep Date.....: 01/05/06 Analysis Date..: 01/10/06
Prep Batch #...: 6005466
Dilution Factor: 1
% Moisture.....: 46

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	5.3 JA		pg/g	SW846 8290
Total TCDD	77		pg/g	SW846 8290
1,2,3,7,8-PeCDD	9.7		pg/g	SW846 8290
Total PeCDD	74		pg/g	SW846 8290
1,2,3,4,7,8-HxCDD	4.9 J		pg/g	SW846 8290
1,2,3,6,7,8-HxCDD	13		pg/g	SW846 8290
1,2,3,7,8,9-HxCDD	8.2 J		pg/g	SW846 8290
Total HxCDD	120		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDD	110		pg/g	SW846 8290
Total HpCDD	200		pg/g	SW846 8290
OCDD	750		pg/g	SW846 8290
2,3,7,8-TCDF	18 CON		pg/g	SW846 8290
Total TCDF	290		pg/g	SW846 8290
1,2,3,7,8-PeCDF	16		pg/g	SW846 8290
2,3,4,7,8-PeCDF	36		pg/g	SW846 8290
Total PeCDF	680		pg/g	SW846 8290
1,2,3,4,7,8-HxCDF	30		pg/g	SW846 8290
1,2,3,6,7,8-HxCDF	37		pg/g	SW846 8290
2,3,4,6,7,8-HxCDF	36		pg/g	SW846 8290
1,2,3,7,8,9-HxCDF	ND	3.1	pg/g	SW846 8290
Total HxCDF	780		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDF	92		pg/g	SW846 8290
1,2,3,4,7,8,9-HpCDF	9.9		pg/g	SW846 8290
Total HpCDF	180		pg/g	SW846 8290
OCDF	75		pg/g	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	79	(40 - 135)
13C-1,2,3,7,8-PeCDD	85	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	80	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	70	(40 - 135)
13C-OCDD	78	(40 - 135)
13C-2,3,7,8-TCDF	77	(40 - 135)
13C-1,2,3,7,8-PeCDF	77	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	67	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	61	(40 - 135)

(Continued on next page)

Fuss & O'Neill, Inc.

Client Sample ID: 699051228-10

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-005 Work Order #...: HT1WK1AC Matrix.....: SOLID

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

JA The analyte was positively identified, but the quantitation is an estimate.

J Estimated result. Result is less than the reporting limit.

CON Confirmation analysis.

Fuss & O'Neill, Inc.

Client Sample ID: 699051228-11

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-006 Work Order #...: HT1WL1AC Matrix.....: SOLID
Date Sampled...: 12/28/05 Date Received..: 12/30/05
Prep Date.....: 01/05/06 Analysis Date..: 01/10/06
Prep Batch #...: 6005466
Dilution Factor: 1
% Moisture.....: 49

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	1.9 J		pg/g	SW846 8290
Total TCDD	30		pg/g	SW846 8290
1,2,3,7,8-PeCDD	4.9 J		pg/g	SW846 8290
Total PeCDD	35		pg/g	SW846 8290
1,2,3,4,7,8-HxCDD	ND	4.0	pg/g	SW846 8290
1,2,3,6,7,8-HxCDD	10		pg/g	SW846 8290
1,2,3,7,8,9-HxCDD	5.1 J		pg/g	SW846 8290
Total HxCDD	91		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDD	110		pg/g	SW846 8290
Total HpCDD	210		pg/g	SW846 8290
OCDD	660		pg/g	SW846 8290
2,3,7,8-TCDF	13 CON		pg/g	SW846 8290
Total TCDF	240		pg/g	SW846 8290
1,2,3,7,8-PeCDF	13		pg/g	SW846 8290
2,3,4,7,8-PeCDF	31		pg/g	SW846 8290
Total PeCDF	640		pg/g	SW846 8290
1,2,3,4,7,8-HxCDF	34		pg/g	SW846 8290
1,2,3,6,7,8-HxCDF	35		pg/g	SW846 8290
2,3,4,6,7,8-HxCDF	37		pg/g	SW846 8290
1,2,3,7,8,9-HxCDF	ND	5.1	pg/g	SW846 8290
Total HxCDF	790		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDF	110		pg/g	SW846 8290
1,2,3,4,7,8,9-HpCDF	11		pg/g	SW846 8290
Total HpCDF	200		pg/g	SW846 8290
OCDF	83		pg/g	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	80	(40 - 135)
13C-1,2,3,7,8-PeCDD	80	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	81	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	65	(40 - 135)
13C-OCDD	70	(40 - 135)
13C-2,3,7,8-TCDF	78	(40 - 135)
13C-1,2,3,7,8-PeCDF	74	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	67	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	60	(40 - 135)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than the reporting limit.

CON Confirmation analysis.

Fuss & O'Neill, Inc.

Client Sample ID: 699051228-13

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-007 **Work Order #...:** HT1WM1AA **Matrix.....:** WATER
Date Sampled...: 12/28/05 **Date Received..:** 12/30/05
Prep Date.....: 01/09/06 **Analysis Date..:** 01/11/06
Prep Batch #...: 6009371
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	3.7	pg/L	SW846 8290
Total TCDD	ND	3.7	pg/L	SW846 8290
1,2,3,7,8-PeCDD	ND	7.0	pg/L	SW846 8290
Total PeCDD	ND	8.0	pg/L	SW846 8290
1,2,3,4,7,8-HxCDD	ND	10	pg/L	SW846 8290
1,2,3,6,7,8-HxCDD	ND	9.6	pg/L	SW846 8290
1,2,3,7,8,9-HxCDD	ND	9.3	pg/L	SW846 8290
Total HxCDD	ND	10	pg/L	SW846 8290
1,2,3,4,6,7,8-HpCDD	ND	8.0	pg/L	SW846 8290
Total HpCDD	ND	8.0	pg/L	SW846 8290
OCDD	ND	12	pg/L	SW846 8290
2,3,7,8-TCDF	ND	2.8	pg/L	SW846 8290
Total TCDF	ND	2.8	pg/L	SW846 8290
1,2,3,7,8-PeCDF	ND	4.7	pg/L	SW846 8290
2,3,4,7,8-PeCDF	ND	4.5	pg/L	SW846 8290
Total PeCDF	ND	4.7	pg/L	SW846 8290
1,2,3,4,7,8-HxCDF	ND	9.8	pg/L	SW846 8290
1,2,3,6,7,8-HxCDF	ND	9.5	pg/L	SW846 8290
2,3,4,6,7,8-HxCDF	ND	10	pg/L	SW846 8290
1,2,3,7,8,9-HxCDF	ND	11	pg/L	SW846 8290
Total HxCDF	ND	11	pg/L	SW846 8290
1,2,3,4,6,7,8-HpCDF	ND	5.9	pg/L	SW846 8290
1,2,3,4,7,8,9-HpCDF	ND	6.5	pg/L	SW846 8290
Total HpCDF	ND	6.5	pg/L	SW846 8290
OCDF	ND	13	pg/L	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	84	(40 - 135)
13C-1,2,3,7,8-PeCDD	77	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	82	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	68	(40 - 135)
13C-OCDD	59	(40 - 135)
13C-2,3,7,8-TCDF	75	(40 - 135)
13C-1,2,3,7,8-PeCDF	69	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	72	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	64	(40 - 135)

Fuss & O'Neill, Inc.

Client Sample ID: 743051228-01

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-008 **Work Order #...:** HT1WP1AC **Matrix.....:** SOLID
Date Sampled...: 12/28/05 **Date Received..:** 12/30/05
Prep Date.....: 01/05/06 **Analysis Date..:** 01/10/06
Prep Batch #...: 6005466
Dilution Factor: 1
% Moisture.....: 0.95

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	0.66	pg/g	SW846 8290
Total TCDD	ND	0.66	pg/g	SW846 8290
1,2,3,7,8-PeCDD	ND	0.92	pg/g	SW846 8290
Total PeCDD	ND	0.92	pg/g	SW846 8290
1,2,3,4,7,8-HxCDD	ND	1.6	pg/g	SW846 8290
1,2,3,6,7,8-HxCDD	ND	1.5	pg/g	SW846 8290
1,2,3,7,8,9-HxCDD	ND	1.5	pg/g	SW846 8290
Total HxCDD	ND	1.6	pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDD	ND	2.0	pg/g	SW846 8290
Total HpCDD	ND	2.0	pg/g	SW846 8290
OCDD	**11**		**pg/g**	**SW846 8290**
2,3,7,8-TCDF	ND CON	0.37	pg/g	SW846 8290
Total TCDF	**3.6**		**pg/g**	**SW846 8290**
1,2,3,7,8-PeCDF	ND	0.63	pg/g	SW846 8290
2,3,4,7,8-PeCDF	ND	0.80	pg/g	SW846 8290
Total PeCDF	ND	2.2	pg/g	SW846 8290
1,2,3,4,7,8-HxCDF	ND	1.7	pg/g	SW846 8290
1,2,3,6,7,8-HxCDF	ND	1.6	pg/g	SW846 8290
2,3,4,6,7,8-HxCDF	ND	1.7	pg/g	SW846 8290
1,2,3,7,8,9-HxCDF	ND	1.8	pg/g	SW846 8290
Total HxCDF	ND	2.5	pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDF	ND	2.2	pg/g	SW846 8290
1,2,3,4,7,8,9-HpCDF	ND	1.1	pg/g	SW846 8290
Total HpCDF	ND	2.2	pg/g	SW846 8290
OCDF	ND	2.0	pg/g	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	72	(40 - 135)
13C-1,2,3,7,8-PeCDD	80	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	79	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	68	(40 - 135)
13C-OCDD	78	(40 - 135)
13C-2,3,7,8-TCDF	66	(40 - 135)
13C-1,2,3,7,8-PeCDF	66	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	59	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	62	(40 - 135)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

CON Confirmation analysis.

Fuss & O'Neill, Inc.

Client Sample ID: 743051228-02

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-009 Work Order #...: HT1WR1AC Matrix.....: SOLID
Date Sampled...: 12/28/05 Date Received..: 12/30/05
Prep Date.....: 01/05/06 Analysis Date..: 01/10/06
Prep Batch #...: 6005466
Dilution Factor: 1
% Moisture.....: 14

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	1.5		pg/g	SW846 8290
Total TCDD	17		pg/g	SW846 8290
1,2,3,7,8-PeCDD	4.8 J		pg/g	SW846 8290
Total PeCDD	28		pg/g	SW846 8290
1,2,3,4,7,8-HxCDD	4.4 J		pg/g	SW846 8290
1,2,3,6,7,8-HxCDD	9.7		pg/g	SW846 8290
1,2,3,7,8,9-HxCDD	8.1		pg/g	SW846 8290
Total HxCDD	95		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDD	150		pg/g	SW846 8290
Total HpCDD	280		pg/g	SW846 8290
OCDD	1200		pg/g	SW846 8290
2,3,7,8-TCDF	11 CON		pg/g	SW846 8290
Total TCDF	110		pg/g	SW846 8290
1,2,3,7,8-PeCDF	10		pg/g	SW846 8290
2,3,4,7,8-PeCDF	20		pg/g	SW846 8290
Total PeCDF	240		pg/g	SW846 8290
1,2,3,4,7,8-HxCDF	29		pg/g	SW846 8290
1,2,3,6,7,8-HxCDF	24		pg/g	SW846 8290
2,3,4,6,7,8-HxCDF	25		pg/g	SW846 8290
1,2,3,7,8,9-HxCDF	ND	2.5	pg/g	SW846 8290
Total HxCDF	340		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDF	150		pg/g	SW846 8290
1,2,3,4,7,8,9-HpCDF	16		pg/g	SW846 8290
Total HpCDF	250		pg/g	SW846 8290
OCDF	180		pg/g	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	50	(40 - 135)
13C-1,2,3,7,8-PeCDD	51	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	50	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	43	(40 - 135)
13C-OCDD	44	(40 - 135)
13C-2,3,7,8-TCDF	47	(40 - 135)
13C-1,2,3,7,8-PeCDF	46	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	40	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	40	(40 - 135)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than the reporting limit.

CON Confirmation analysis.

Fuss & O'Neill, Inc.

Client Sample ID: 743051228-03

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-010 Work Order #...: HT1WT1AC Matrix.....: SOLID
Date Sampled...: 12/28/05 Date Received..: 12/30/05
Prep Date.....: 01/05/06 Analysis Date..: 01/10/06
Prep Batch #...: 6005466
Dilution Factor: 1
% Moisture.....: 36

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	21		pg/g	SW846 8290
Total TCDD	420		pg/g	SW846 8290
1,2,3,7,8-PeCDD	71		pg/g	SW846 8290
Total PeCDD	850		pg/g	SW846 8290
1,2,3,4,7,8-HxCDD	56		pg/g	SW846 8290
1,2,3,6,7,8-HxCDD	100		pg/g	SW846 8290
1,2,3,7,8,9-HxCDD	70		pg/g	SW846 8290
Total HxCDD	1200		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDD	680		pg/g	SW846 8290
Total HpCDD	1300		pg/g	SW846 8290
OCDD	1700		pg/g	SW846 8290
2,3,7,8-TCDF	310 CON		pg/g	SW846 8290
Total TCDF	2600		pg/g	SW846 8290
1,2,3,7,8-PeCDF	230		pg/g	SW846 8290
2,3,4,7,8-PeCDF	410		pg/g	SW846 8290
Total PeCDF	5200		pg/g	SW846 8290
1,2,3,4,7,8-HxCDF	450		pg/g	SW846 8290
1,2,3,6,7,8-HxCDF	400		pg/g	SW846 8290
2,3,4,6,7,8-HxCDF	460		pg/g	SW846 8290
1,2,3,7,8,9-HxCDF	25		pg/g	SW846 8290
Total HxCDF	5000		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDF	1400		pg/g	SW846 8290
1,2,3,4,7,8,9-HpCDF	160		pg/g	SW846 8290
Total HpCDF	2100		pg/g	SW846 8290
OCDF	590		pg/g	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	72	(40 - 135)
13C-1,2,3,7,8-PeCDD	73	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	75	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	73	(40 - 135)
13C-OCDD	88	(40 - 135)
13C-2,3,7,8-TCDF	66	(40 - 135)
13C-1,2,3,7,8-PeCDF	64	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	63	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	68	(40 - 135)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

CON Confirmation analysis.

Fuss & O'Neill, Inc.

Client Sample ID: 743051228-04

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-011 Work Order #...: HT1WW1AC Matrix.....: SOLID
Date Sampled...: 12/28/05 Date Received..: 12/30/05
Prep Date.....: 01/05/06 Analysis Date..: 01/10/06
Prep Batch #...: 6005466
Dilution Factor: 1
% Moisture.....: 5.8

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	0.58	pg/g	SW846 8290
Total TCDD	ND	0.58	pg/g	SW846 8290
1,2,3,7,8-PeCDD	ND	0.91	pg/g	SW846 8290
Total PeCDD	ND	0.91	pg/g	SW846 8290
1,2,3,4,7,8-HxCDD	ND	1.1	pg/g	SW846 8290
1,2,3,6,7,8-HxCDD	ND	1.0	pg/g	SW846 8290
1,2,3,7,8,9-HxCDD	ND	0.98	pg/g	SW846 8290
Total HxCDD	ND	1.3	pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDD	**7.5**		**pg/g**	**SW846 8290**
Total HpCDD	**14**		**pg/g**	**SW846 8290**
OCDD	**120**		**pg/g**	**SW846 8290**
2,3,7,8-TCDF	**0.76 J,CON**		**pg/g**	**SW846 8290**
Total TCDF	**6.1**		**pg/g**	**SW846 8290**
1,2,3,7,8-PeCDF	ND	0.71	pg/g	SW846 8290
2,3,4,7,8-PeCDF	ND	2.2	pg/g	SW846 8290
Total PeCDF	**7.6**		**pg/g**	**SW846 8290**
1,2,3,4,7,8-HxCDF	ND	2.4	pg/g	SW846 8290
1,2,3,6,7,8-HxCDF	ND	1.4	pg/g	SW846 8290
2,3,4,6,7,8-HxCDF	ND	2.2	pg/g	SW846 8290
1,2,3,7,8,9-HxCDF	ND	1.4	pg/g	SW846 8290
Total HxCDF	**12**		**pg/g**	**SW846 8290**
1,2,3,4,6,7,8-HpCDF	**6.2**		**pg/g**	**SW846 8290**
1,2,3,4,7,8,9-HpCDF	ND	0.68	pg/g	SW846 8290
Total HpCDF	**9.9**		**pg/g**	**SW846 8290**
OCDF	ND	4.7	pg/g	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	72	(40 - 135)
13C-1,2,3,7,8-PeCDD	80	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	76	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	77	(40 - 135)
13C-OCDD	84	(40 - 135)
13C-2,3,7,8-TCDF	68	(40 - 135)
13C-1,2,3,7,8-PeCDF	68	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	65	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	69	(40 - 135)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than the reporting limit.

CON Confirmation analysis.

Fuss & O'Neill, Inc.

Client Sample ID: 743051228-15

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-013 **Work Order #...:** HT1W01AA **Matrix.....:** WATER
Date Sampled...: 12/28/05 **Date Received..:** 12/30/05
Prep Date.....: 01/09/06 **Analysis Date..:** 01/11/06
Prep Batch #...: 6009371
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	3.7	pg/L	SW846 8290
Total TCDD	ND	3.7	pg/L	SW846 8290
1,2,3,7,8-PeCDD	ND	6.0	pg/L	SW846 8290
Total PeCDD	ND	6.0	pg/L	SW846 8290
1,2,3,4,7,8-HxCDD	ND	9.3	pg/L	SW846 8290
1,2,3,6,7,8-HxCDD	ND	8.9	pg/L	SW846 8290
1,2,3,7,8,9-HxCDD	ND	8.5	pg/L	SW846 8290
Total HxCDD	ND	9.3	pg/L	SW846 8290
1,2,3,4,6,7,8-HpCDD	ND	9.0	pg/L	SW846 8290
Total HpCDD	ND	9.0	pg/L	SW846 8290
OCDD	ND	11	pg/L	SW846 8290
2,3,7,8-TCDF	ND	2.1	pg/L	SW846 8290
Total TCDF	ND	2.1	pg/L	SW846 8290
1,2,3,7,8-PeCDF	ND	4.4	pg/L	SW846 8290
2,3,4,7,8-PeCDF	ND	4.2	pg/L	SW846 8290
Total PeCDF	ND	4.4	pg/L	SW846 8290
1,2,3,4,7,8-HxCDF	ND	9.1	pg/L	SW846 8290
1,2,3,6,7,8-HxCDF	ND	8.8	pg/L	SW846 8290
2,3,4,6,7,8-HxCDF	ND	9.5	pg/L	SW846 8290
1,2,3,7,8,9-HxCDF	ND	9.9	pg/L	SW846 8290
Total HxCDF	ND	9.9	pg/L	SW846 8290
1,2,3,4,6,7,8-HpCDF	ND	4.8	pg/L	SW846 8290
1,2,3,4,7,8,9-HpCDF	ND	5.3	pg/L	SW846 8290
Total HpCDF	ND	5.3	pg/L	SW846 8290
OCDF	ND	11	pg/L	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(40 - 135)
13C-1,2,3,7,8-PeCDD	83	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	88	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	74	(40 - 135)
13C-OCDD	65	(40 - 135)
13C-2,3,7,8-TCDF	84	(40 - 135)
13C-1,2,3,7,8-PeCDF	73	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	79	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	72	(40 - 135)

Fuss & O'Neill, Inc.

Client Sample ID: 743051228-17

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-014 Work Order #...: HT1W11AC Matrix.....: SOLID
Date Sampled...: 12/28/05 Date Received..: 12/30/05
Prep Date.....: 01/05/06 Analysis Date..: 01/10/06
Prep Batch #...: 6005466
Dilution Factor: 1
% Moisture.....: 16

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	1.0 J		pg/g	SW846 8290
Total TCDD	41		pg/g	SW846 8290
1,2,3,7,8-PeCDD	5.4 J		pg/g	SW846 8290
Total PeCDD	72		pg/g	SW846 8290
1,2,3,4,7,8-HxCDD	4.8 J		pg/g	SW846 8290
1,2,3,6,7,8-HxCDD	8.8		pg/g	SW846 8290
1,2,3,7,8,9-HxCDD	8.8		pg/g	SW846 8290
Total HxCDD	120		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDD	150		pg/g	SW846 8290
Total HpCDD	280		pg/g	SW846 8290
OCDD	1100		pg/g	SW846 8290
2,3,7,8-TCDF	3.8 CON		pg/g	SW846 8290
Total TCDF	50		pg/g	SW846 8290
1,2,3,7,8-PeCDF	ND	2.9	pg/g	SW846 8290
2,3,4,7,8-PeCDF	5.5 J		pg/g	SW846 8290
Total PeCDF	58		pg/g	SW846 8290
1,2,3,4,7,8-HxCDF	5.3 J		pg/g	SW846 8290
1,2,3,6,7,8-HxCDF	4.2 J		pg/g	SW846 8290
2,3,4,6,7,8-HxCDF	4.3 J		pg/g	SW846 8290
1,2,3,7,8,9-HxCDF	ND	1.1	pg/g	SW846 8290
Total HxCDF	55		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDF	16		pg/g	SW846 8290
1,2,3,4,7,8,9-HpCDF	ND	1.9	pg/g	SW846 8290
Total HpCDF	33		pg/g	SW846 8290
OCDF	19		pg/g	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	78	(40 - 135)
13C-1,2,3,7,8-PeCDD	81	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	82	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	74	(40 - 135)
13C-OCDD	87	(40 - 135)
13C-2,3,7,8-TCDF	71	(40 - 135)
13C-1,2,3,7,8-PeCDF	70	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	68	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	66	(40 - 135)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than the reporting limit.

CON Confirmation analysis.

Fuss & O'Neill, Inc.

Client Sample ID: 743051228-18

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-015 Work Order #...: HT1W31AC Matrix.....: SOLID
Date Sampled...: 12/28/05 Date Received..: 12/30/05
Prep Date.....: 01/05/06 Analysis Date..: 01/10/06
Prep Batch #...: 6005466
Dilution Factor: 1
% Moisture.....: 19

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	1.1 J		pg/g	SW846 8290
Total TCDD	52		pg/g	SW846 8290
1,2,3,7,8-PeCDD	7.2		pg/g	SW846 8290
Total PeCDD	93		pg/g	SW846 8290
1,2,3,4,7,8-HxCDD	7.3		pg/g	SW846 8290
1,2,3,6,7,8-HxCDD	13		pg/g	SW846 8290
1,2,3,7,8,9-HxCDD	9.0		pg/g	SW846 8290
Total HxCDD	160		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDD	210		pg/g	SW846 8290
Total HpCDD	390		pg/g	SW846 8290
OCDD	1300		pg/g	SW846 8290
2,3,7,8-TCDF	6.0 CON		pg/g	SW846 8290
Total TCDF	50		pg/g	SW846 8290
1,2,3,7,8-PeCDF	ND	2.7	pg/g	SW846 8290
2,3,4,7,8-PeCDF	6.3		pg/g	SW846 8290
Total PeCDF	52		pg/g	SW846 8290
1,2,3,4,7,8-HxCDF	5.1 J		pg/g	SW846 8290
1,2,3,6,7,8-HxCDF	4.0 J		pg/g	SW846 8290
2,3,4,6,7,8-HxCDF	4.7 J		pg/g	SW846 8290
1,2,3,7,8,9-HxCDF	ND	1.4	pg/g	SW846 8290
Total HxCDF	59		pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDF	19		pg/g	SW846 8290
1,2,3,4,7,8,9-HpCDF	ND	2.4	pg/g	SW846 8290
Total HpCDF	40		pg/g	SW846 8290
OCDF	24		pg/g	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	79	(40 - 135)
13C-1,2,3,7,8-PeCDD	81	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	84	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	75	(40 - 135)
13C-OCDD	85	(40 - 135)
13C-2,3,7,8-TCDF	74	(40 - 135)
13C-1,2,3,7,8-PeCDF	72	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	70	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	68	(40 - 135)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than the reporting limit.

CON Confirmation analysis.

QC DATA ASSOCIATION SUMMARY

G5L300272

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
002	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
003	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
004	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
005	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
006	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
007	WATER	SW846 8290		6009371	
008	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
009	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
010	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
011	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
013	WATER	SW846 8290		6009371	
014	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
015	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G5L300272 **Work Order #...:** HT6X21AA **Matrix.....:** SOLID
MB Lot-Sample #: G6A050000-466

Prep Date.....: 01/05/06
Analysis Date..: 01/09/06 **Prep Batch #...:** 6005466
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	0.28	pg/g	SW846 8290
Total TCDD	ND	0.28	pg/g	SW846 8290
1,2,3,7,8-PeCDD	ND	0.53	pg/g	SW846 8290
Total PeCDD	ND	0.53	pg/g	SW846 8290
1,2,3,4,7,8-HxCDD	ND	0.37	pg/g	SW846 8290
1,2,3,6,7,8-HxCDD	ND	0.34	pg/g	SW846 8290
1,2,3,7,8,9-HxCDD	ND	0.32	pg/g	SW846 8290
Total HxCDD	ND	0.37	pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDD	ND	0.21	pg/g	SW846 8290
Total HpCDD	ND	0.21	pg/g	SW846 8290
OCDD	ND	0.42	pg/g	SW846 8290
2,3,7,8-TCDF	ND	0.22	pg/g	SW846 8290
Total TCDF	ND	0.22	pg/g	SW846 8290
1,2,3,7,8-PeCDF	ND	0.33	pg/g	SW846 8290
2,3,4,7,8-PeCDF	ND	0.31	pg/g	SW846 8290
Total PeCDF	ND	0.33	pg/g	SW846 8290
1,2,3,4,7,8-HxCDF	ND	0.38	pg/g	SW846 8290
1,2,3,6,7,8-HxCDF	ND	0.34	pg/g	SW846 8290
2,3,4,6,7,8-HxCDF	ND	0.38	pg/g	SW846 8290
1,2,3,7,8,9-HxCDF	ND	0.40	pg/g	SW846 8290
Total HxCDF	ND	0.40	pg/g	SW846 8290
1,2,3,4,6,7,8-HpCDF	ND	0.19	pg/g	SW846 8290
1,2,3,4,7,8,9-HpCDF	ND	0.21	pg/g	SW846 8290
Total HpCDF	ND	0.21	pg/g	SW846 8290
OCDF	ND	0.33	pg/g	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	78	(40 - 135)
13C-1,2,3,7,8-PeCDD	87	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	83	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	97	(40 - 135)
13C-OCDD	92	(40 - 135)
13C-2,3,7,8-TCDF	78	(40 - 135)
13C-1,2,3,7,8-PeCDF	86	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	86	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	81	(40 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G5L300272 Work Order #...: HT6X21AC Matrix.....: SOLID
LCS Lot-Sample#: G6A050000-466
Prep Date.....: 01/05/06 Analysis Date..: 01/09/06
Prep Batch #...: 6005466
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	**104**	**(71 - 128)**	**SW846 8290**
1,2,3,7,8-PeCDD	**101**	**(73 - 134)**	**SW846 8290**
1,2,3,4,7,8-HxCDD	**108**	**(66 - 137)**	**SW846 8290**
1,2,3,6,7,8-HxCDD	**113**	**(75 - 131)**	**SW846 8290**
1,2,3,7,8,9-HxCDD	**121**	**(74 - 135)**	**SW846 8290**
1,2,3,4,6,7,8-HpCDD	**112**	**(76 - 130)**	**SW846 8290**
OCDD	**108**	**(74 - 133)**	**SW846 8290**
2,3,7,8-TCDF	**105**	**(71 - 134)**	**SW846 8290**
1,2,3,7,8-PeCDF	**104**	**(74 - 130)**	**SW846 8290**
2,3,4,7,8-PeCDF	**98**	**(71 - 133)**	**SW846 8290**
1,2,3,4,7,8-HxCDF	**112**	**(73 - 132)**	**SW846 8290**
1,2,3,6,7,8-HxCDF	**113**	**(69 - 139)**	**SW846 8290**
2,3,4,6,7,8-HxCDF	**123**	**(75 - 147)**	**SW846 8290**
1,2,3,7,8,9-HxCDF	**123**	**(71 - 140)**	**SW846 8290**
1,2,3,4,6,7,8-HpCDF	**104**	**(75 - 131)**	**SW846 8290**
1,2,3,4,7,8,9-HpCDF	**87**	**(68 - 138)**	**SW846 8290**
OCDF	**113**	**(68 - 142)**	**SW846 8290**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	82	(40 - 135)
13C-1,2,3,7,8-PeCDD	84	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	79	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	59	(40 - 135)
13C-OCDD	92	(40 - 135)
13C-2,3,7,8-TCDF	82	(40 - 135)
13C-1,2,3,7,8-PeCDF	83	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	80	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	78	(40 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G5L300272 **Work Order #...:** HT6X21AC **Matrix.....:** SOLID
LCS Lot-Sample#: G6A050000-466
Prep Date.....: 01/05/06 **Analysis Date..:** 01/09/06
Prep Batch #...: 6005466
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDD	**20.0**	**20.8**	**pg/g**	**104**	**SW846 8290**
1,2,3,7,8-PeCDD	**100**	**101**	**pg/g**	**101**	**SW846 8290**
1,2,3,4,7,8-HxCDD	**100**	**108**	**pg/g**	**108**	**SW846 8290**
1,2,3,6,7,8-HxCDD	**100**	**113**	**pg/g**	**113**	**SW846 8290**
1,2,3,7,8,9-HxCDD	**100**	**121**	**pg/g**	**121**	**SW846 8290**
1,2,3,4,6,7,8-HpCDD	**100**	**112**	**pg/g**	**112**	**SW846 8290**
OCDD	**200**	**217**	**pg/g**	**108**	**SW846 8290**
2,3,7,8-TCDF	**20.0**	**21.0**	**pg/g**	**105**	**SW846 8290**
1,2,3,7,8-PeCDF	**100**	**104**	**pg/g**	**104**	**SW846 8290**
2,3,4,7,8-PeCDF	**100**	**97.6**	**pg/g**	**98**	**SW846 8290**
1,2,3,4,7,8-HxCDF	**100**	**112**	**pg/g**	**112**	**SW846 8290**
1,2,3,6,7,8-HxCDF	**100**	**113**	**pg/g**	**113**	**SW846 8290**
2,3,4,6,7,8-HxCDF	**100**	**123**	**pg/g**	**123**	**SW846 8290**
1,2,3,7,8,9-HxCDF	**100**	**123**	**pg/g**	**123**	**SW846 8290**
1,2,3,4,6,7,8-HpCDF	**100**	**104**	**pg/g**	**104**	**SW846 8290**
1,2,3,4,7,8,9-HpCDF	**100**	**87.0**	**pg/g**	**87**	**SW846 8290**
OCDF	**200**	**226**	**pg/g**	**113**	**SW846 8290**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	82	(40 - 135)
13C-1,2,3,7,8-PeCDD	84	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	79	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	59	(40 - 135)
13C-OCDD	92	(40 - 135)
13C-2,3,7,8-TCDF	82	(40 - 135)
13C-1,2,3,7,8-PeCDF	83	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	80	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	78	(40 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

WATER, 8290, Dioxins/Furans

Fuss & O'Neill, Inc.

Client Sample ID: 699051228-13

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-007 **Work Order #...:** HT1WM1AA **Matrix.....:** WATER
Date Sampled...: 12/28/05 **Date Received..:** 12/30/05
Prep Date.....: 01/09/06 **Analysis Date..:** 01/11/06
Prep Batch #...: 6009371
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	3.7	pg/L	SW846 8290
Total TCDD	ND	3.7	pg/L	SW846 8290
1,2,3,7,8-PeCDD	ND	7.0	pg/L	SW846 8290
Total PeCDD	ND	8.0	pg/L	SW846 8290
1,2,3,4,7,8-HxCDD	ND	10	pg/L	SW846 8290
1,2,3,6,7,8-HxCDD	ND	9.6	pg/L	SW846 8290
1,2,3,7,8,9-HxCDD	ND	9.3	pg/L	SW846 8290
Total HxCDD	ND	10	pg/L	SW846 8290
1,2,3,4,6,7,8-HpCDD	ND	8.0	pg/L	SW846 8290
Total HpCDD	ND	8.0	pg/L	SW846 8290
OCDD	ND	12	pg/L	SW846 8290
2,3,7,8-TCDF	ND	2.8	pg/L	SW846 8290
Total TCDF	ND	2.8	pg/L	SW846 8290
1,2,3,7,8-PeCDF	ND	4.7	pg/L	SW846 8290
2,3,4,7,8-PeCDF	ND	4.5	pg/L	SW846 8290
Total PeCDF	ND	4.7	pg/L	SW846 8290
1,2,3,4,7,8-HxCDF	ND	9.8	pg/L	SW846 8290
1,2,3,6,7,8-HxCDF	ND	9.5	pg/L	SW846 8290
2,3,4,6,7,8-HxCDF	ND	10	pg/L	SW846 8290
1,2,3,7,8,9-HxCDF	ND	11	pg/L	SW846 8290
Total HxCDF	ND	11	pg/L	SW846 8290
1,2,3,4,6,7,8-HpCDF	ND	5.9	pg/L	SW846 8290
1,2,3,4,7,8,9-HpCDF	ND	6.5	pg/L	SW846 8290
Total HpCDF	ND	6.5	pg/L	SW846 8290
OCDF	ND	13	pg/L	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	84	(40 - 135)
13C-1,2,3,7,8-PeCDD	77	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	82	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	68	(40 - 135)
13C-OCDD	59	(40 - 135)
13C-2,3,7,8-TCDF	75	(40 - 135)
13C-1,2,3,7,8-PeCDF	69	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	72	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	64	(40 - 135)

Fuss & O'Neill, Inc.

Client Sample ID: 743051228-15

Trace Level Organic Compounds

Lot-Sample #...: G5L300272-013 **Work Order #...:** HT1W01AA **Matrix.....:** WATER
Date Sampled...: 12/28/05 **Date Received..:** 12/30/05
Prep Date.....: 01/09/06 **Analysis Date..:** 01/11/06
Prep Batch #...: 6009371
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	3.7	pg/L	SW846 8290
Total TCDD	ND	3.7	pg/L	SW846 8290
1,2,3,7,8-PeCDD	ND	6.0	pg/L	SW846 8290
Total PeCDD	ND	6.0	pg/L	SW846 8290
1,2,3,4,7,8-HxCDD	ND	9.3	pg/L	SW846 8290
1,2,3,6,7,8-HxCDD	ND	8.9	pg/L	SW846 8290
1,2,3,7,8,9-HxCDD	ND	8.5	pg/L	SW846 8290
Total HxCDD	ND	9.3	pg/L	SW846 8290
1,2,3,4,6,7,8-HpCDD	ND	9.0	pg/L	SW846 8290
Total HpCDD	ND	9.0	pg/L	SW846 8290
OCDD	ND	11	pg/L	SW846 8290
2,3,7,8-TCDF	ND	2.1	pg/L	SW846 8290
Total TCDF	ND	2.1	pg/L	SW846 8290
1,2,3,7,8-PeCDF	ND	4.4	pg/L	SW846 8290
2,3,4,7,8-PeCDF	ND	4.2	pg/L	SW846 8290
Total PeCDF	ND	4.4	pg/L	SW846 8290
1,2,3,4,7,8-HxCDF	ND	9.1	pg/L	SW846 8290
1,2,3,6,7,8-HxCDF	ND	8.8	pg/L	SW846 8290
2,3,4,6,7,8-HxCDF	ND	9.5	pg/L	SW846 8290
1,2,3,7,8,9-HxCDF	ND	9.9	pg/L	SW846 8290
Total HxCDF	ND	9.9	pg/L	SW846 8290
1,2,3,4,6,7,8-HpCDF	ND	4.8	pg/L	SW846 8290
1,2,3,4,7,8,9-HpCDF	ND	5.3	pg/L	SW846 8290
Total HpCDF	ND	5.3	pg/L	SW846 8290
OCDF	ND	11	pg/L	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(40 - 135)
13C-1,2,3,7,8-PeCDD	83	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	88	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	74	(40 - 135)
13C-OCDD	65	(40 - 135)
13C-2,3,7,8-TCDF	84	(40 - 135)
13C-1,2,3,7,8-PeCDF	73	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	79	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	72	(40 - 135)

QC DATA ASSOCIATION SUMMARY

G5L300272

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
002	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
003	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
004	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
005	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
006	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
007	WATER	SW846 8290		6009371	
008	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
009	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
010	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
011	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
013	WATER	SW846 8290		6009371	
014	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251
015	SOLID	SW846 8290		6005466	
	SOLID	ASTM D 2216-90		6005442	6005251

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G5L300272 **Work Order #...:** HVA2T1AA **Matrix.....:** WATER
MB Lot-Sample #: G6A090000-371

Prep Date.....: 01/09/06
Analysis Date..: 01/10/06 **Prep Batch #...:** 6009371
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	SW846 8290
Total TCDD	ND	5.0	pg/L	SW846 8290
1,2,3,7,8-PeCDD	ND	6.6	pg/L	SW846 8290
Total PeCDD	ND	6.6	pg/L	SW846 8290
1,2,3,4,7,8-HxCDD	ND	10	pg/L	SW846 8290
1,2,3,6,7,8-HxCDD	ND	9.6	pg/L	SW846 8290
1,2,3,7,8,9-HxCDD	ND	9.2	pg/L	SW846 8290
Total HxCDD	ND	10	pg/L	SW846 8290
1,2,3,4,6,7,8-HpCDD	ND	8.2	pg/L	SW846 8290
Total HpCDD	ND	8.2	pg/L	SW846 8290
OCDD	ND	10	pg/L	SW846 8290
2,3,7,8-TCDF	ND	3.1	pg/L	SW846 8290
Total TCDF	ND	3.1	pg/L	SW846 8290
1,2,3,7,8-PeCDF	ND	5.3	pg/L	SW846 8290
2,3,4,7,8-PeCDF	ND	5.1	pg/L	SW846 8290
Total PeCDF	ND	5.3	pg/L	SW846 8290
1,2,3,4,7,8-HxCDF	ND	12	pg/L	SW846 8290
1,2,3,6,7,8-HxCDF	ND	11	pg/L	SW846 8290
2,3,4,6,7,8-HxCDF	ND	12	pg/L	SW846 8290
1,2,3,7,8,9-HxCDF	ND	13	pg/L	SW846 8290
Total HxCDF	ND	13	pg/L	SW846 8290
1,2,3,4,6,7,8-HpCDF	ND	6.3	pg/L	SW846 8290
1,2,3,4,7,8,9-HpCDF	ND	6.9	pg/L	SW846 8290
Total HpCDF	ND	6.9	pg/L	SW846 8290
OCDF	ND	9.9	pg/L	SW846 8290

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	84	(40 - 135)
13C-1,2,3,7,8-PeCDD	84	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	81	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	74	(40 - 135)
13C-OCDD	86	(40 - 135)
13C-2,3,7,8-TCDF	79	(40 - 135)
13C-1,2,3,7,8-PeCDF	73	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	74	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	71	(40 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G5L300272 Work Order #...: HVA2T1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G6A090000-371 HVA2T1AD-LCSD
Prep Date.....: 01/09/06 Analysis Date..: 01/10/06
Prep Batch #...: 6009371
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,3,7,8-TCDD	106	(72 - 126)			SW846 8290
	112	(72 - 126)	5.3	(0-20)	SW846 8290
1,2,3,7,8-PeCDD	107	(71 - 132)			SW846 8290
	105	(71 - 132)	1.4	(0-20)	SW846 8290
1,2,3,4,7,8-HxCDD	104	(69 - 133)			SW846 8290
	109	(69 - 133)	4.9	(0-20)	SW846 8290
1,2,3,6,7,8-HxCDD	102	(74 - 131)			SW846 8290
	107	(74 - 131)	4.0	(0-20)	SW846 8290
1,2,3,7,8,9-HxCDD	104	(68 - 148)			SW846 8290
	108	(68 - 148)	3.3	(0-33)	SW846 8290
1,2,3,4,6,7,8-HpCDD	107	(78 - 125)			SW846 8290
	109	(78 - 125)	1.6	(0-20)	SW846 8290
OCDD	107	(74 - 131)			SW846 8290
	111	(74 - 131)	3.4	(0-20)	SW846 8290
2,3,7,8-TCDF	94	(69 - 133)			SW846 8290
	95	(69 - 133)	1.3	(0-23)	SW846 8290
1,2,3,7,8-PeCDF	103	(76 - 129)			SW846 8290
	102	(76 - 129)	1.2	(0-20)	SW846 8290
2,3,4,7,8-PeCDF	97	(69 - 127)			SW846 8290
	98	(69 - 127)	0.60	(0-32)	SW846 8290
1,2,3,4,7,8-HxCDF	112	(71 - 134)			SW846 8290
	109	(71 - 134)	3.0	(0-24)	SW846 8290
1,2,3,6,7,8-HxCDF	111	(65 - 145)			SW846 8290
	110	(65 - 145)	0.76	(0-32)	SW846 8290
2,3,4,6,7,8-HxCDF	108	(64 - 167)			SW846 8290
	108	(64 - 167)	0.13	(0-49)	SW846 8290
1,2,3,7,8,9-HxCDF	136	(62 - 161)			SW846 8290
	128	(62 - 161)	6.5	(0-54)	SW846 8290
1,2,3,4,6,7,8-HpCDF	108	(75 - 129)			SW846 8290
	105	(75 - 129)	3.3	(0-20)	SW846 8290
1,2,3,4,7,8,9-HpCDF	110	(70 - 140)			SW846 8290
	109	(70 - 140)	1.0	(0-21)	SW846 8290
OCDF	98	(70 - 136)			SW846 8290
	104	(70 - 136)	6.3	(0-23)	SW846 8290

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G5L300272 **Work Order #...:** HVA2T1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: G6A090000-371 HVA2T1AD-LCSD

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	84	(40 - 135)
	81	(40 - 135)
13C-1,2,3,7,8-PeCDD	81	(40 - 135)
	79	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	89	(40 - 135)
	85	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	80	(40 - 135)
	80	(40 - 135)
13C-OCDD	93	(40 - 135)
	90	(40 - 135)
13C-2,3,7,8-TCDF	79	(40 - 135)
	79	(40 - 135)
13C-1,2,3,7,8-PeCDF	73	(40 - 135)
	72	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	73	(40 - 135)
	76	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	74	(40 - 135)
	74	(40 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G5L300272 Work Order #...: HVA2T1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G6A090000-371 HVA2T1AD-LCSD
Prep Date.....: 01/09/06 Analysis Date..: 01/10/06
Prep Batch #...: 6009371
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
2,3,7,8-TCDD	200	213	pg/L	106		SW846 8290
	200	224	pg/L	112	5.3	SW846 8290
1,2,3,7,8-PeCDD	1000	1070	pg/L	107		SW846 8290
	1000	1050	pg/L	105	1.4	SW846 8290
1,2,3,4,7,8-HxCDD	1000	1040	pg/L	104		SW846 8290
	1000	1090	pg/L	109	4.9	SW846 8290
1,2,3,6,7,8-HxCDD	1000	1020	pg/L	102		SW846 8290
	1000	1070	pg/L	107	4.0	SW846 8290
1,2,3,7,8,9-HxCDD	1000	1040	pg/L	104		SW846 8290
	1000	1080	pg/L	108	3.3	SW846 8290
1,2,3,4,6,7,8-HpCDD	1000	1070	pg/L	107		SW846 8290
	1000	1090	pg/L	109	1.6	SW846 8290
OCDD	2000	2140	pg/L	107		SW846 8290
	2000	2210	pg/L	111	3.4	SW846 8290
2,3,7,8-TCDF	200	187	pg/L	94		SW846 8290
	200	190	pg/L	95	1.3	SW846 8290
1,2,3,7,8-PeCDF	1000	1030	pg/L	103		SW846 8290
	1000	1020	pg/L	102	1.2	SW846 8290
2,3,4,7,8-PeCDF	1000	974	pg/L	97		SW846 8290
	1000	980	pg/L	98	0.60	SW846 8290
1,2,3,4,7,8-HxCDF	1000	1120	pg/L	112		SW846 8290
	1000	1090	pg/L	109	3.0	SW846 8290
1,2,3,6,7,8-HxCDF	1000	1110	pg/L	111		SW846 8290
	1000	1100	pg/L	110	0.76	SW846 8290
2,3,4,6,7,8-HxCDF	1000	1080	pg/L	108		SW846 8290
	1000	1080	pg/L	108	0.13	SW846 8290
1,2,3,7,8,9-HxCDF	1000	1360	pg/L	136		SW846 8290
	1000	1280	pg/L	128	6.5	SW846 8290
1,2,3,4,6,7,8-HpCDF	1000	1080	pg/L	108		SW846 8290
	1000	1050	pg/L	105	3.3	SW846 8290
1,2,3,4,7,8,9-HpCDF	1000	1100	pg/L	110		SW846 8290
	1000	1090	pg/L	109	1.0	SW846 8290
OCDF	2000	1950	pg/L	98		SW846 8290
	2000	2080	pg/L	104	6.3	SW846 8290

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LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G5L300272 **Work Order #...:** HVA2T1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: G6A090000-371 HVA2T1AD-LCSD

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	84	(40 - 135)
	81	(40 - 135)
13C-1,2,3,7,8-PeCDD	81	(40 - 135)
	79	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	89	(40 - 135)
	85	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	80	(40 - 135)
	80	(40 - 135)
13C-OCDD	93	(40 - 135)
	90	(40 - 135)
13C-2,3,7,8-TCDF	79	(40 - 135)
	79	(40 - 135)
13C-1,2,3,7,8-PeCDF	73	(40 - 135)
	72	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	73	(40 - 135)
	76	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	74	(40 - 135)
	74	(40 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

SOLID, 8290, Dioxins/Furans

Raw Data Package

Run/Batch Data

Includes (as applicable):

runlogs

continuing calibration standards

interference/performance check standards

continuing calibration blanks

method blanks

lcs

ms/sd

sample raw data

ms tune data

HT6X2 1AA WK 1/17/06

Run text: HT6XH-1-AA Sample text: HT6XH-1-AA :G6A050000-463B
Run #7 Filename: 09JA068D5 S: 4 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 17:32:55 Processed: 10-JAN-06 08:11:10
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

TDL = 0.5, 2.5, 5.0

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	48692500	0.81	y	17:20	-	6.74	-	-	n
13C-2,3,7,8-TCDF	58948700	0.80	y	16:50	1.56	155.68	0.20	77.8	n
2,3,7,8-TCDF	*	*	n	NotFnd	1.00	*	0.22	-	n
Total TCDF	*	*	n	NotFnd	1.00	*	0.22	-	n
13C-2,3,7,8-TCDD	35040200	0.80	y	17:31	0.92	156.06	0.48	78.0	n
2,3,7,8-TCDD	*	*	n	NotFnd	1.28	*	0.28	-	n
Total TCDD	*	*	n	NotFnd	1.28	*	0.28	-	n
37Cl-2,3,7,8-TCDD	37159600	1.00	y	17:32	2.42	63.10	0.14	78.9	n
13C-1,2,3,7,8-PeCDF	55773200	1.57	y	21:42	1.34	170.94	0.34	85.5	n
1,2,3,7,8-PeCDF	*	*	n	NotFnd	0.95	*	0.33	-	n
2,3,4,7,8-PeCDF	*	*	n	NotFnd	1.00	*	0.31	-	n
Total F2 PeCDF	*	*	n	NotFnd	0.97	*	~~0.32~~ AK 1/16/06	-	n
Total F1 PeCDF	*	*	n	NotFnd	0.97	*	~~0.29~~ ~~0.34~~ 0.33	-	n
13C-1,2,3,7,8-PeCDD	37442900	1.58	y	23:41	0.88	173.93	0.30	87.0	n
1,2,3,7,8-PeCDD	*	*	n	NotFnd	1.02	*	0.53	-	n
Total PeCDD	*	*	n	NotFnd	1.02	*	0.53	-	n
13C-1,2,3,7,8,9-HxCDD	47968900	1.30	y	31:52	-	6.69	-	-	n
13C-1,2,3,4,7,8-HxCDF	46159600	0.54	y	29:52	1.12	172.32	0.20	86.2	n
1,2,3,4,7,8-HxCDF	*	*	n	NotFnd	1.08	*	0.38	-	n
1,2,3,6,7,8-HxCDF	*	*	n	NotFnd	1.20	*	0.34	-	n
2,3,4,6,7,8-HxCDF	*	*	n	NotFnd	1.09	*	0.38	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.04	*	0.40	-	n
Total HxCDF	*	*	n	NotFnd	1.11	*	~~0.37~~ 0.40	-	n
13C-1,2,3,6,7,8-HxCDD	38214800	1.32	y	31:29	0.96	166.38	0.27	83.2	n
1,2,3,4,7,8-HxCDD	*	*	n	NotFnd	0.87	*	0.37	-	n
1,2,3,6,7,8-HxCDD	*	*	n	NotFnd	0.97	*	0.34	-	n
1,2,3,7,8,9-HxCDD	*	*	n	NotFnd	1.00	*	0.32	-	n
Total HxCDD	*	*	n	NotFnd	0.95	*	~~0.34~~ 0.37	-	n
13C-1,2,3,4,6,7,8-HpCDF	36427700	0.40	y	33:44	0.94	161.81	0.80	80.9	n
1,2,3,4,6,7,8-HpCDF	21575	1.12	y	33:44	1.31	~~0.09~~	0.19	-	n
1,2,3,4,7,8,9-HpCDF	*	*	n	NotFnd	1.16	*	0.21	-	n
Total HpCDF	21575	1.12	y	33:44	1.23	0.09	~~0.20~~ 0.21	-	n
13C-1,2,3,4,6,7,8-HpCDD	40591800	1.05	y	34:37	0.87	194.76	0.53	97.4	n
1,2,3,4,6,7,8-HpCDD	*	*	n	NotFnd	0.94	*	0.21	-	n
Total HpCDD	54175	2.60	n	33:44	0.94	AK 1/16/06 ~~0.28 = DL~~	~~0.21~~ AK 1/16/06 0.21	-	n
13C-OCDD	65593900	0.91	y	37:13	0.74	369.45	0.72	92.4	n
OCDF	*	*	n	NotFnd	1.21	*	0.33	-	n
OCDD	66944	0.91	y	37:13	0.98	0.42 = DL	~~0.34~~	-	n

AK 1/16/06

Run Text: HT6XH-1-AA Sample text: HT6XH-1-AA :G6A050000-463B

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:0
Run: 7 File: 09JA068D5 S:4 Acq:9-JAN-06 17:32:55
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D┐

Amount:	* of which	* named and	* unnamed
Conc:	* of which	* named and	* unnamed

Name	#	R.T.	Ratio	Conc.	Area	S/N	>?	Mod?
	1	NotF┐	* n	*	*	*	n	n
					*	*	n	n

Run Text: HT6XH-1-AA Sample text: HT6XH-1-AA :G6A050000-463B

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:0
Run: 7 File: 09JA068D5 S:4 Acq:9-JAN-06 17:32:55
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D┐

Amount:	* of which	* named and	* unnamed
Conc:	* of which	* named and	* unnamed

Name	#	R.T.	Ratio	Conc.	Area	S/N	>?	Mod?
	1	NotF┐	* n	*	*	*	n	n
					*	*	n	n

Run Text: HT6XH-1-AA Sample text: HT6XH-1-AA :G6A050000-463B

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:0
Run: 7 File: 09JA068D5 S:4 Acq:9-JAN-06 17:32:55
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D┐

Amount:	* of which	* named and	* unnamed
Conc:	* of which	* named and	* unnamed

Name	#	R.T.	Ratio	Conc.	Area	S/N	>?	Mod?
	1	NotF┐	* n	*	*	*	n	n
					*	*	n	n

Run Text: HT6XH-1-AA Sample text: HT6XH-1-AA :G6A050000-463B

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:0
Run: 7 File: 09JA068D5 S:4 Acq:9-JAN-06 17:32:55
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	* of which	* named and	* unnamed
Conc:	* of which	* named and	* unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HT6XH-1-AA Sample text: HT6XH-1-AA :G6A050000-463B

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:0
Run: 7 File: 09JA068D5 S:4 Acq:9-JAN-06 17:32:55
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	* of which	* named and	* unnamed
Conc:	* of which	* named and	* unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HT6XH-1-AA Sample text: HT6XH-1-AA :G6A050000-463B

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:0
Run: 7 File: 09JA068D5 S:4 Acq:9-JAN-06 17:32:55
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	* of which	* named and	* unnamed
Conc:	* of which	* named and	* unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HT6XH-1-AA Sample text: HT6XH-1-AA :G6A050000-463B

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:0
Run: 7 File: 09JA068D5 S:4 Acq:9-JAN-06 17:32:55
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D¶

Amount:	* of which	* named and	* unnamed
Conc:	* of which	* named and	* unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF¶	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HT6XH-1-AA Sample text: HT6XH-1-AA :G6A050000-463B

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:1
Run: 7 File: 09JA068D5 S:4 Acq:9-JAN-06 17:32:55
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D¶

Amount:	0.91 of which	0.91 named and	* unnamed
Conc:	0.09 of which	0.09 named and	* unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,6,7,8-HpCDF	1	33:44	1.12	y	0.09	11375	1.7	n	n
						10201	1.8	n	n

Run Text: HT6XH-1-AA Sample text: HT6XH-1-AA :G6A050000-463B

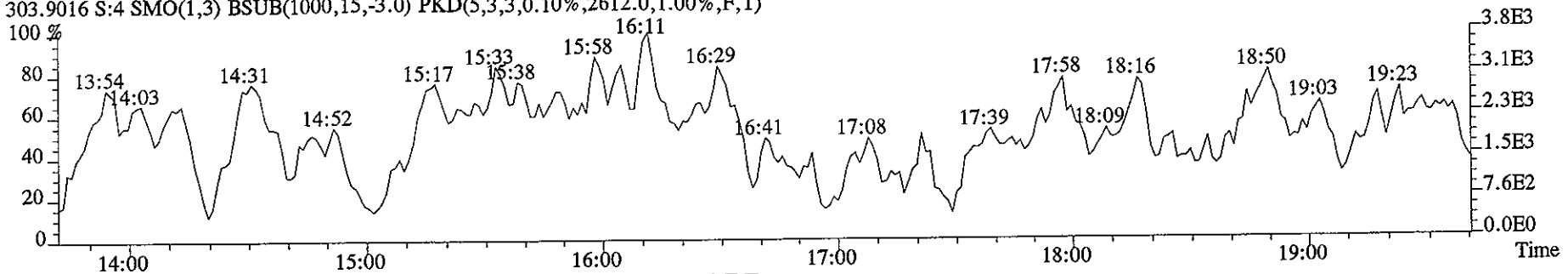
Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:2
Run: 7 File: 09JA068D5 S:4 Acq:9-JAN-06 17:32:55
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D¶

Amount:	2.83 of which	* named and	2.83 unnamed
Conc:	0.28 of which	* named and	0.28 unnamed

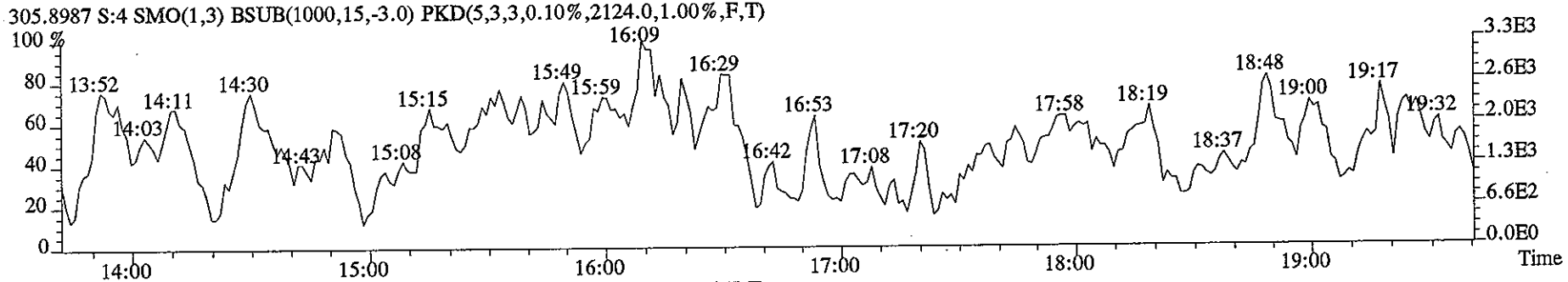
Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:44	2.60	n	0.17	40489	5.5	y	n
						15574	2.4	n	n
	2	34:56	2.22	n	0.12	24415	3.5	y	n
						10983	1.7	n	n

File:09JA068D5 #1-325 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN

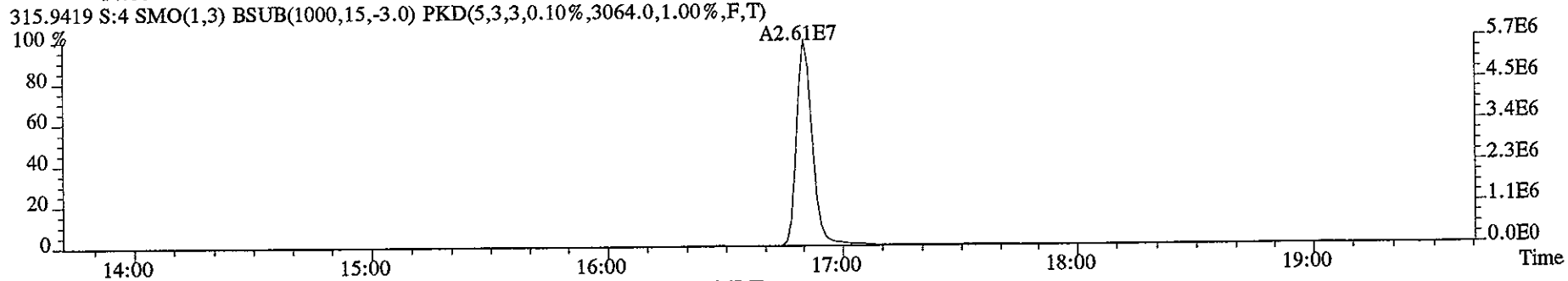
303.9016 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2612.0,1.00%,F,T)



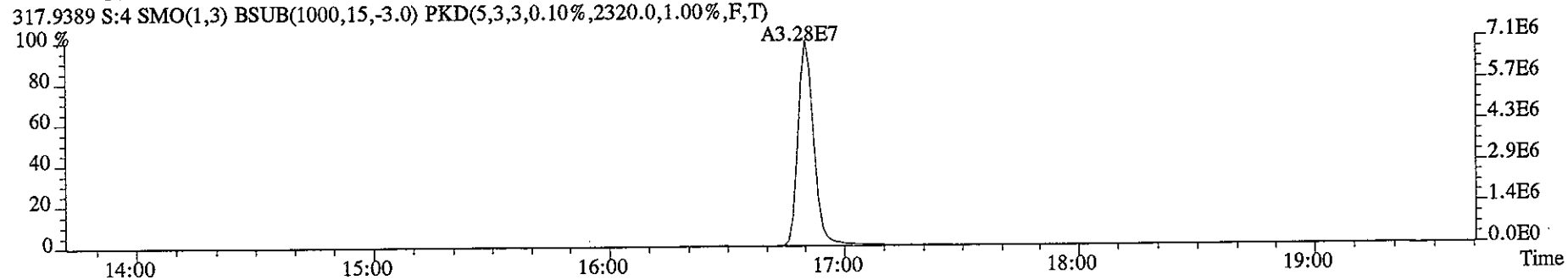
305.8987 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2124.0,1.00%,F,T)



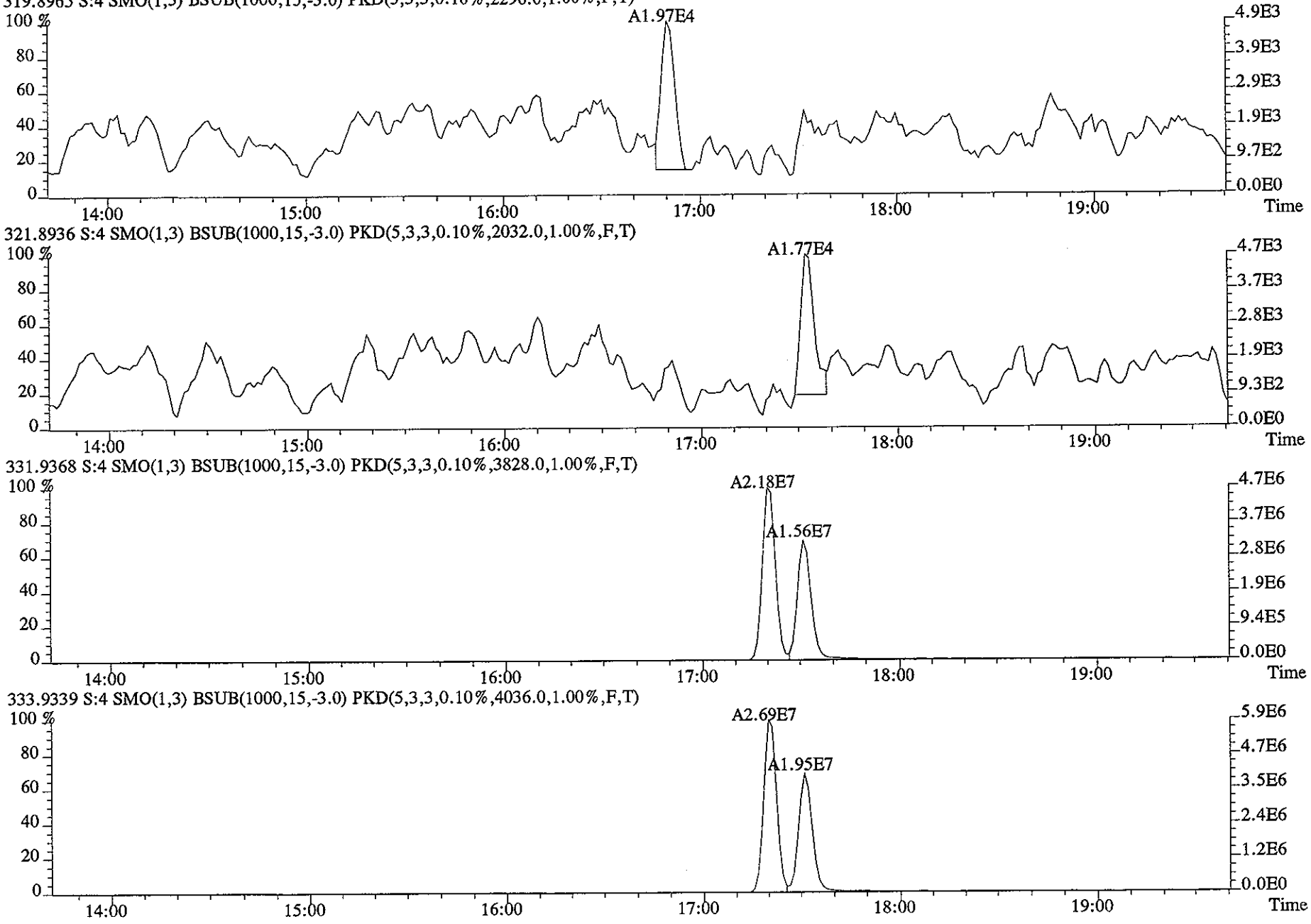
315.9419 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3064.0,1.00%,F,T)



317.9389 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2320.0,1.00%,F,T)

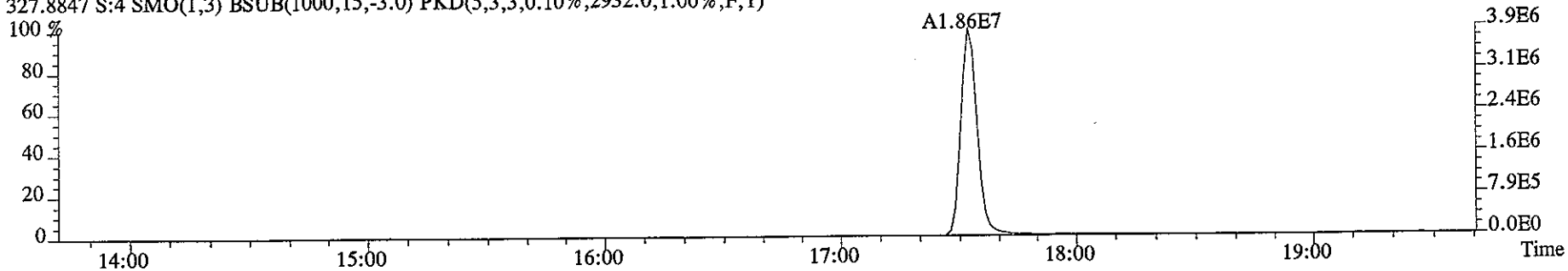


File:09JA068D5 #1-325 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN

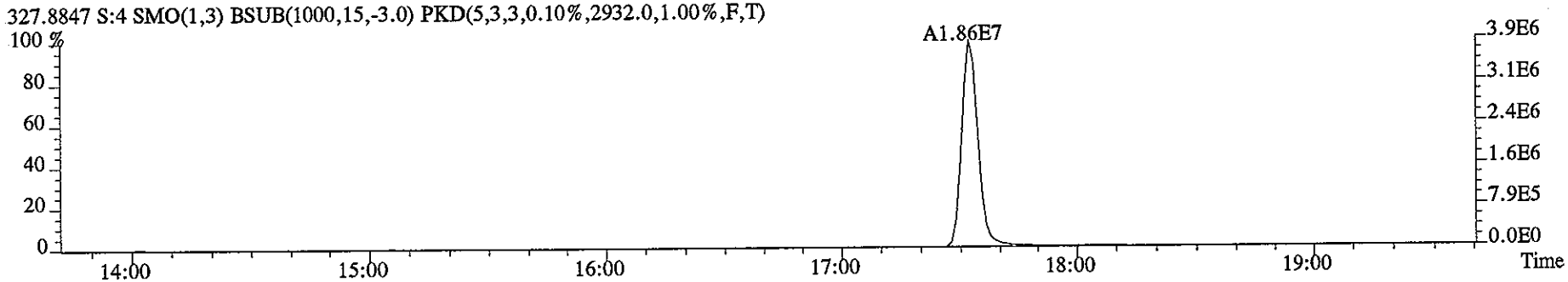


File:09JA068D5 #1-325 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN

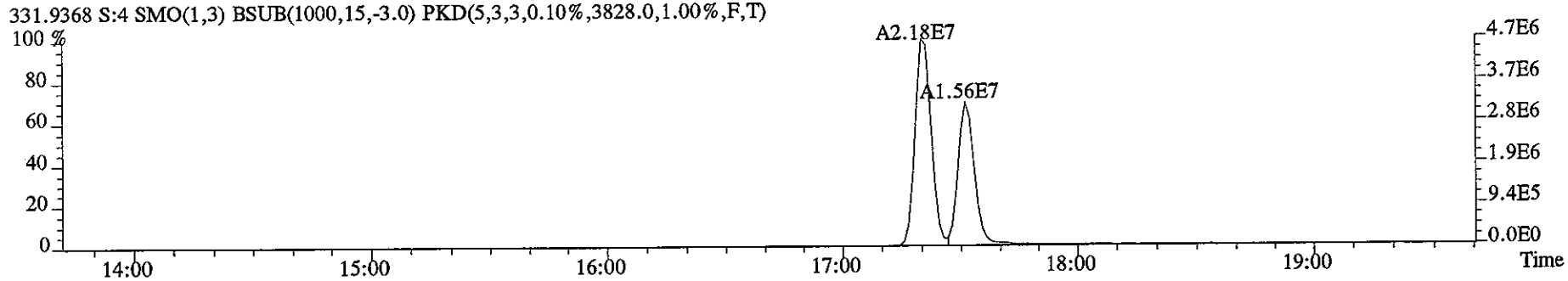
327.8847 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2932.0,1.00%,F,T)



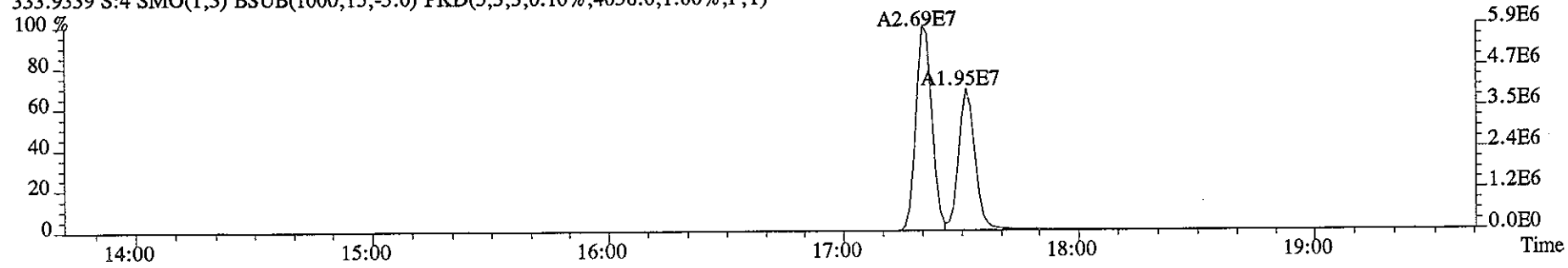
327.8847 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2932.0,1.00%,F,T)



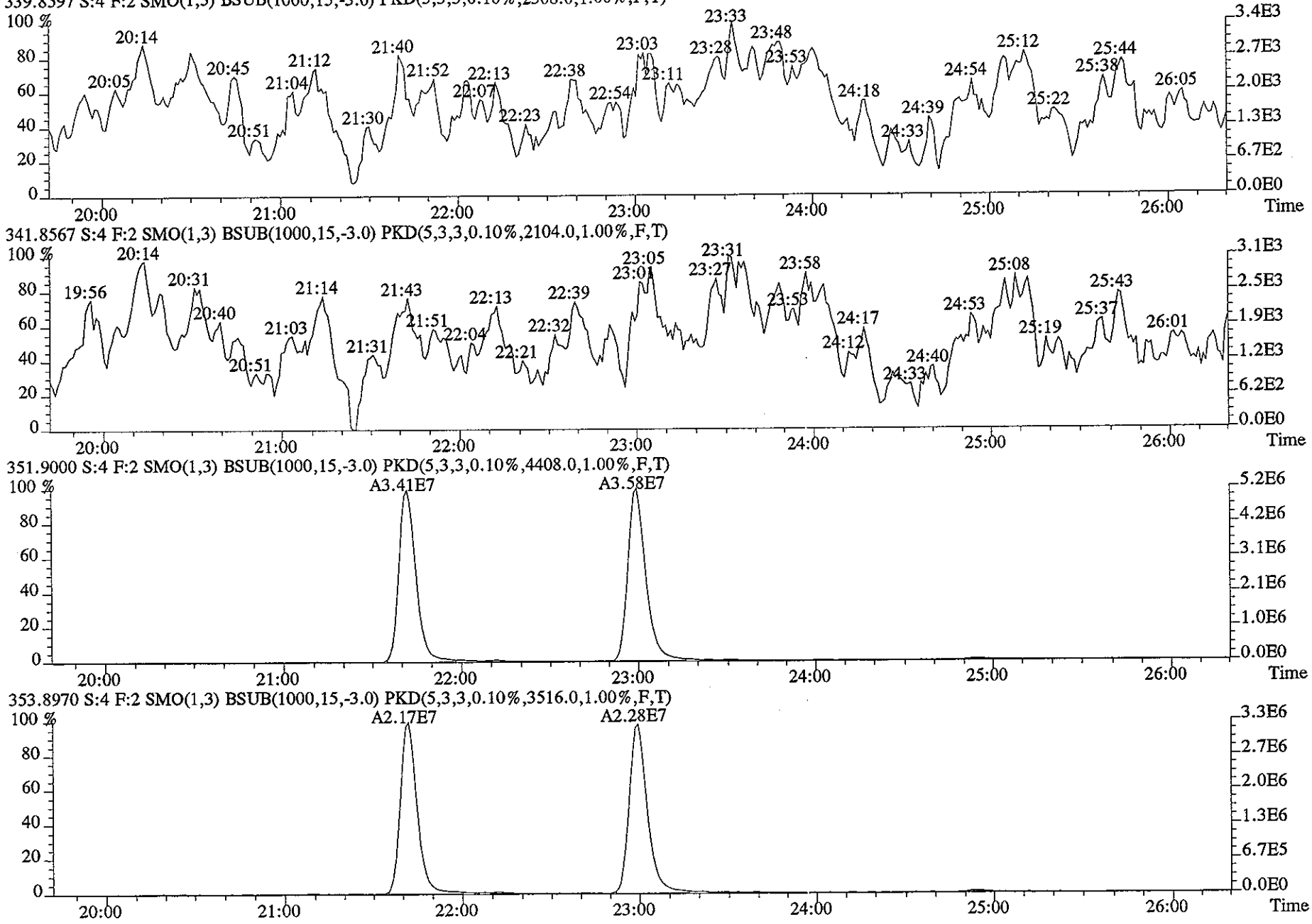
331.9368 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3828.0,1.00%,F,T)



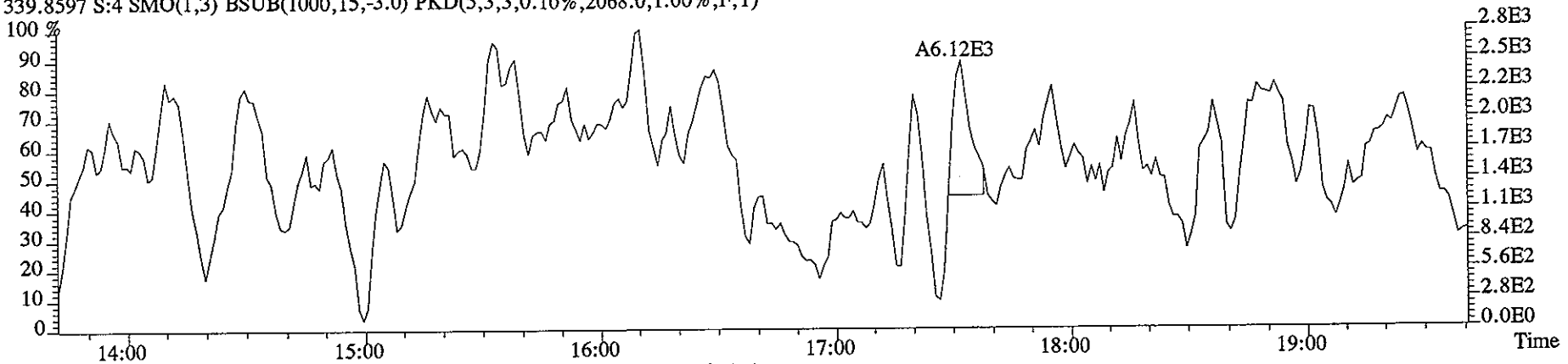
333.9339 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4036.0,1.00%,F,T)



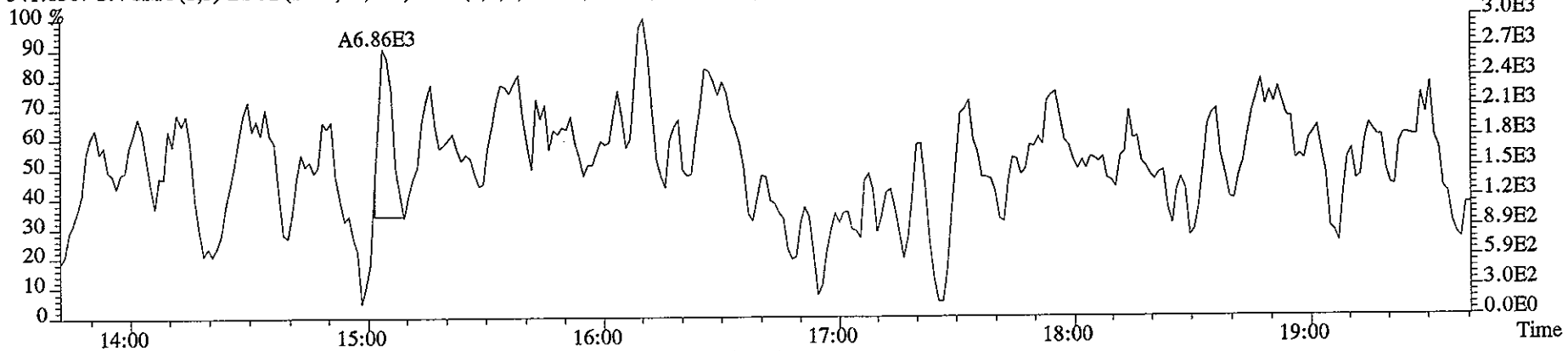
File:09JA068D5 #1-467 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN



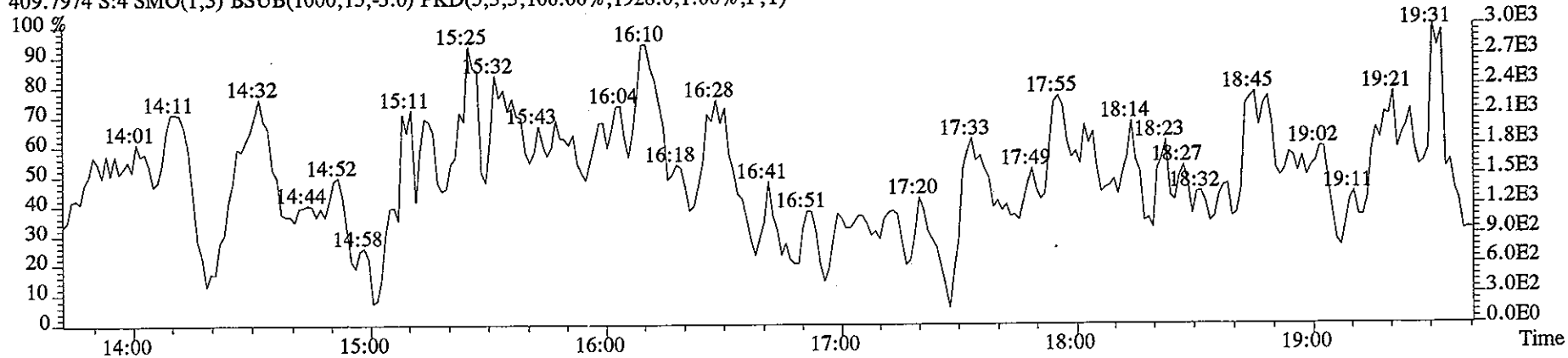
File:09JA068D5 #1-325 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN
339.8597 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2068.0,1.00%,F,T)



341.8567 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2020.0,1.00%,F,T)

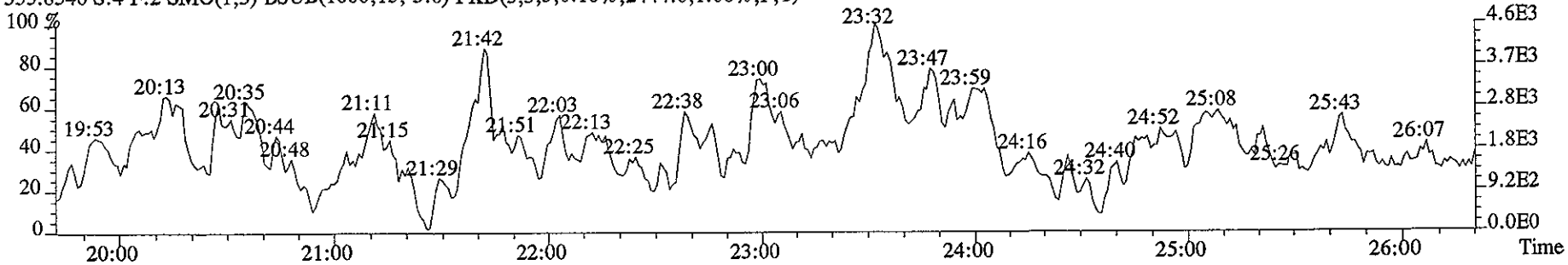


409.7974 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1928.0,1.00%,F,T)

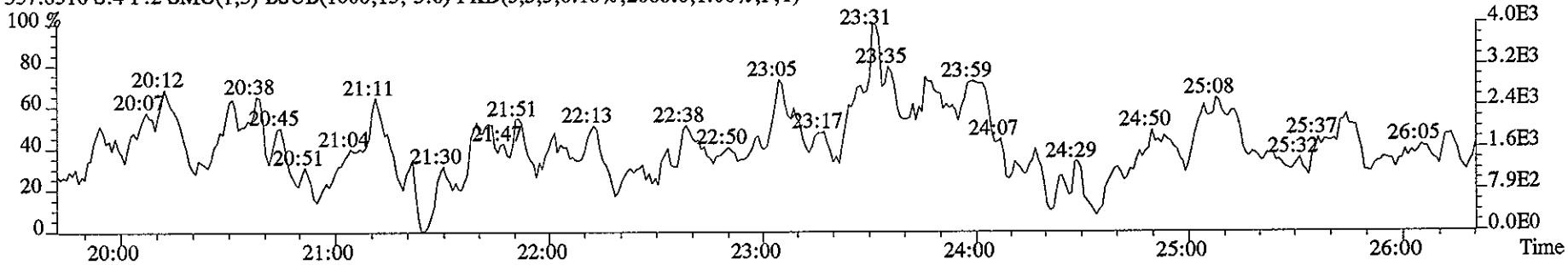


File:09JA068D5 #1-467 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN

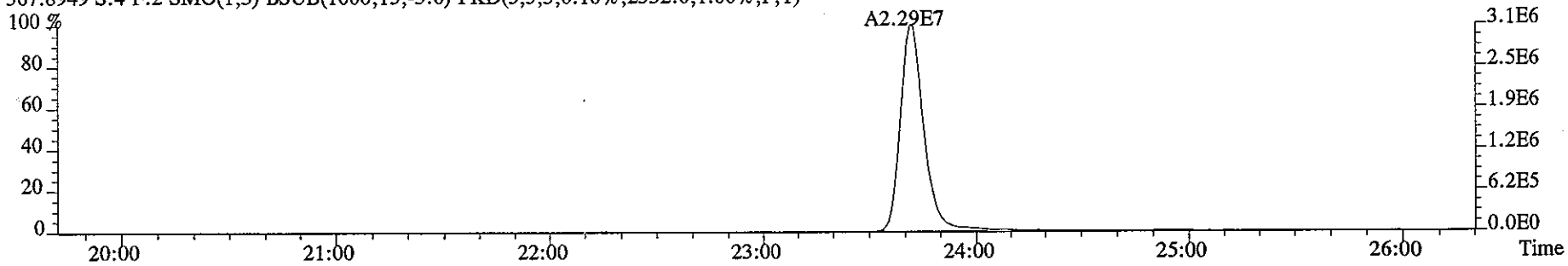
355.8546 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2444.0,1.00%,F,T)



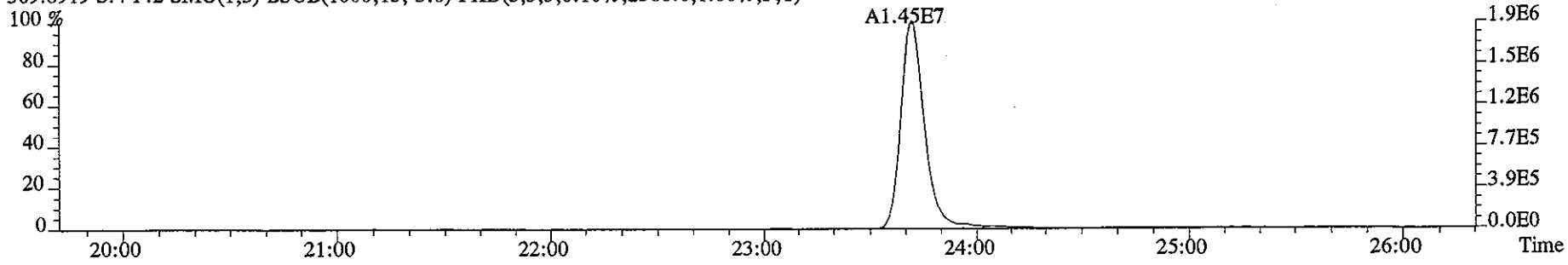
357.8516 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2080.0,1.00%,F,T)



367.8949 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2332.0,1.00%,F,T)

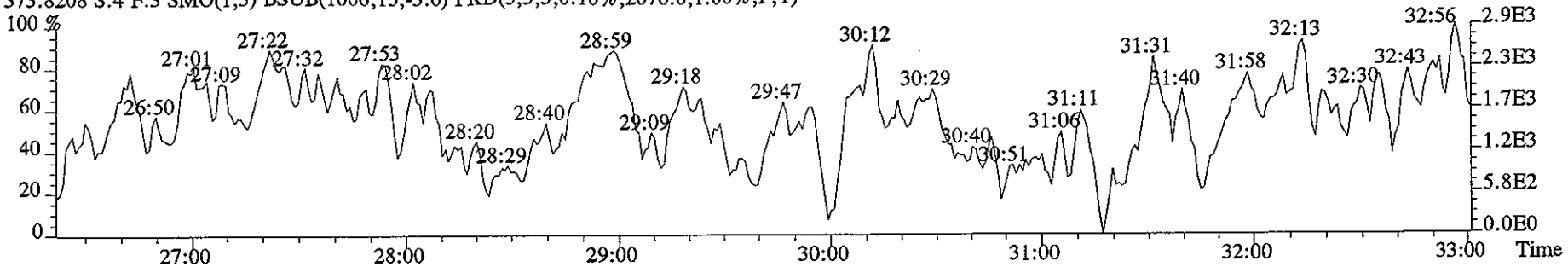


369.8919 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2388.0,1.00%,F,T)

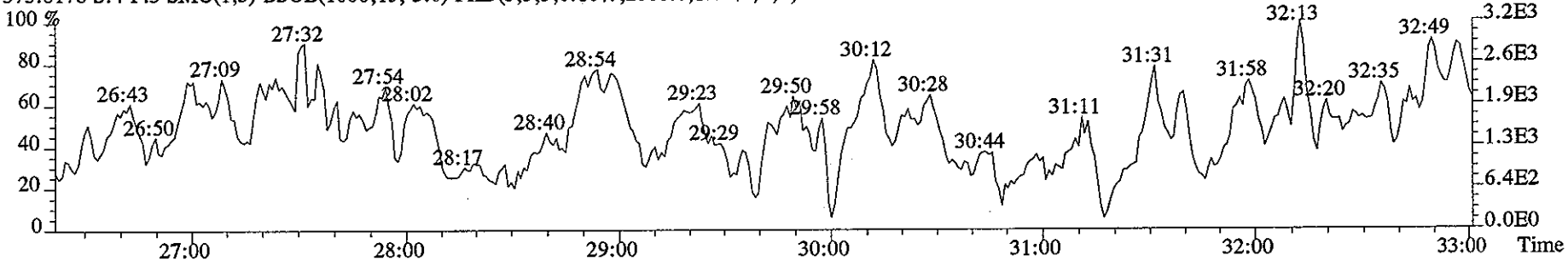


File:09JA068D5 #1-447 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN

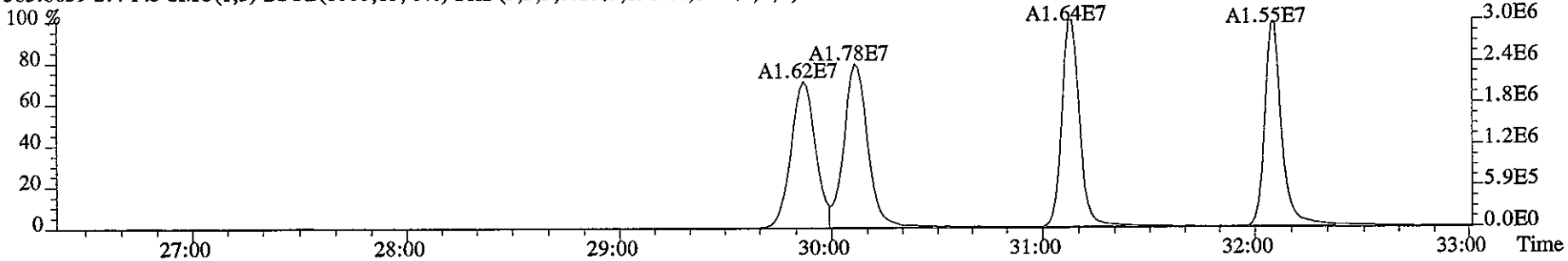
373.8208 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2076.0,1.00%,F,T)



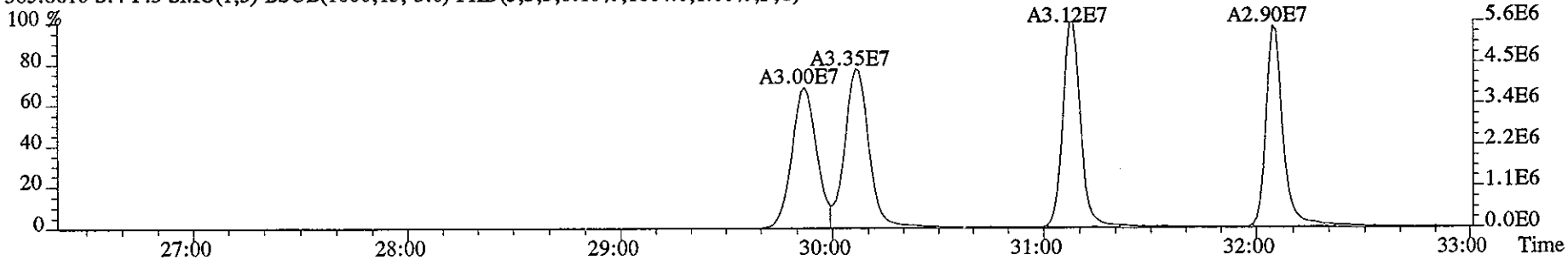
375.8178 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2008.0,1.00%,F,T)



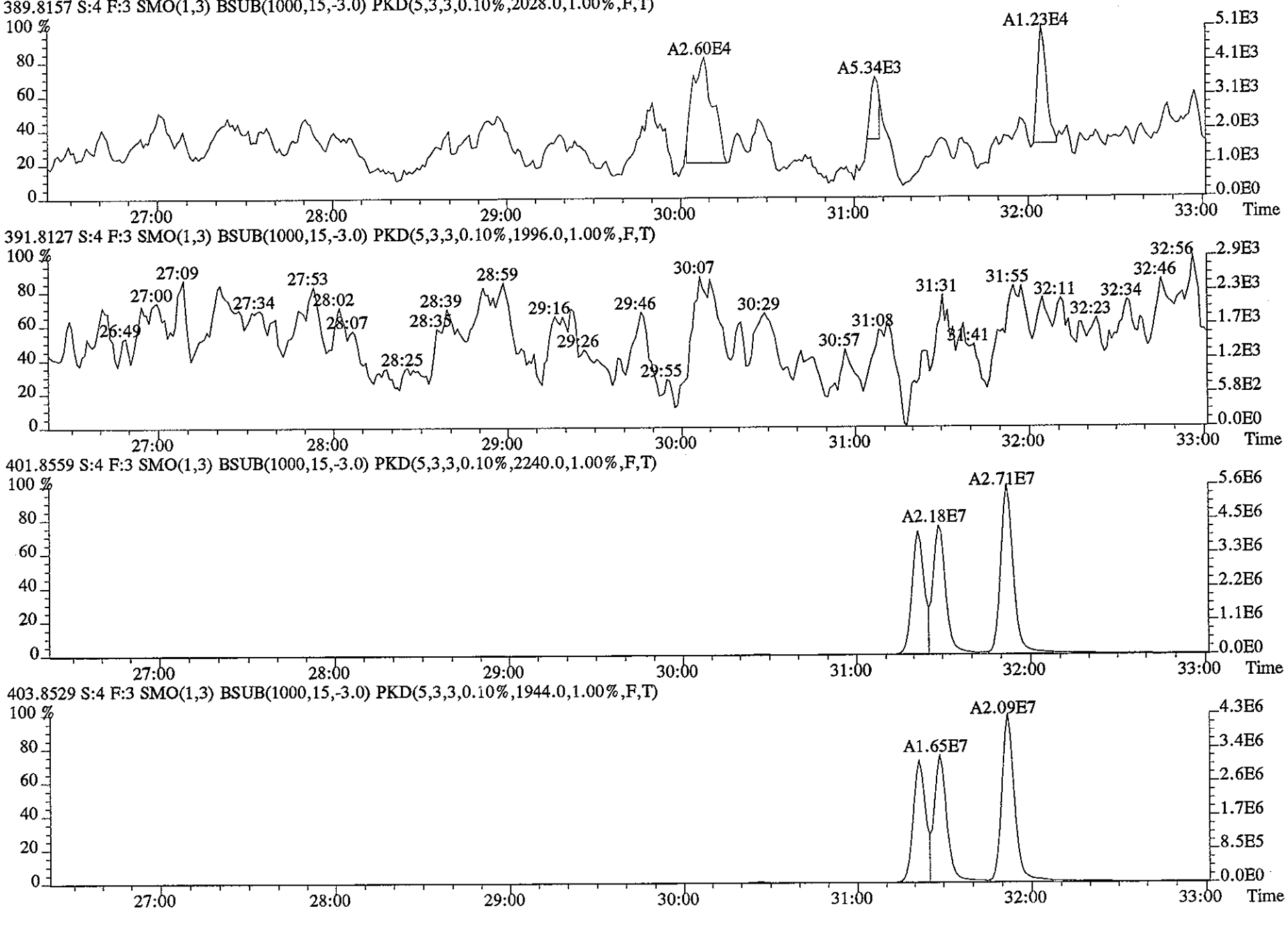
383.8639 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1980.0,1.00%,F,T)



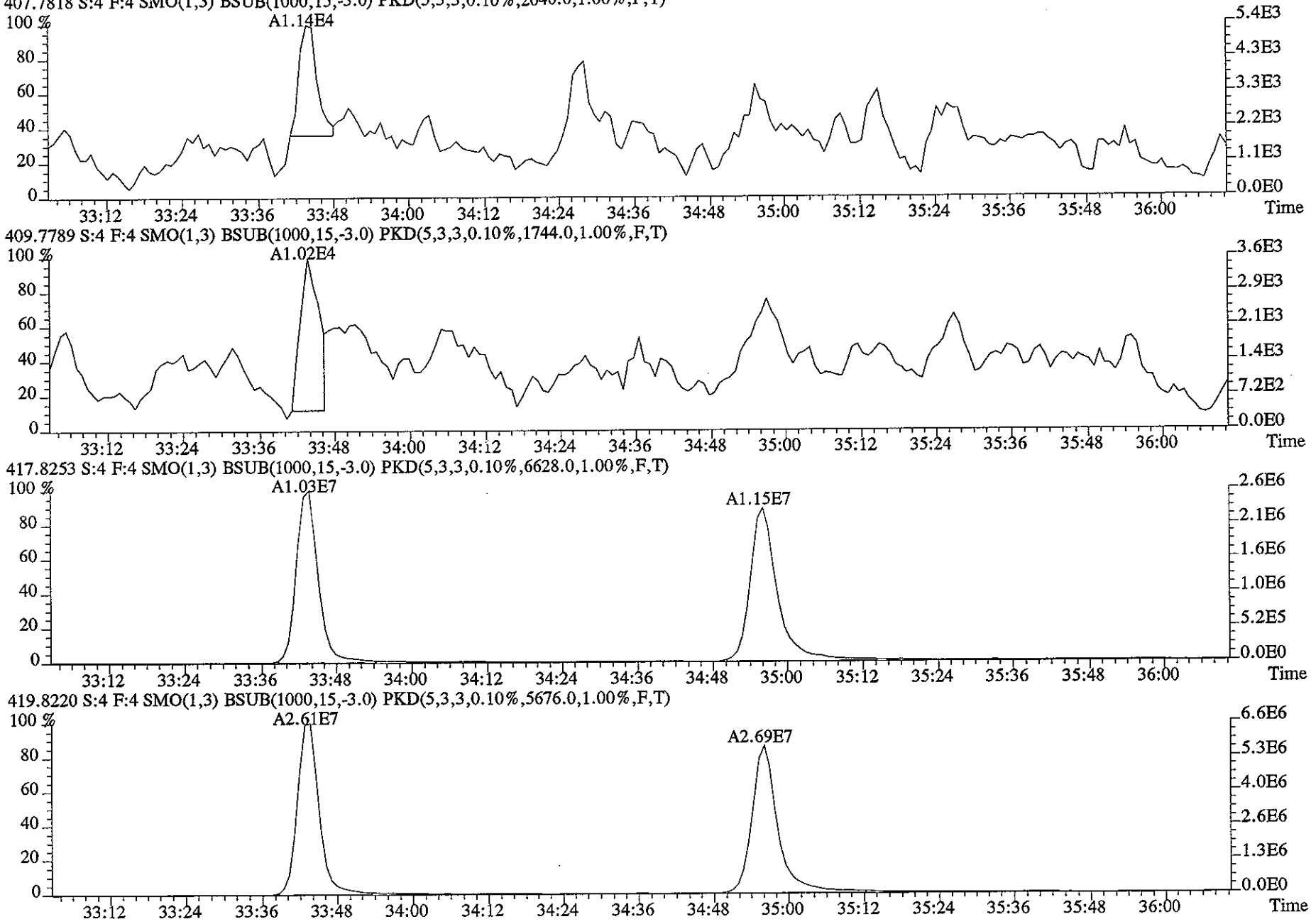
385.8610 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1664.0,1.00%,F,T)



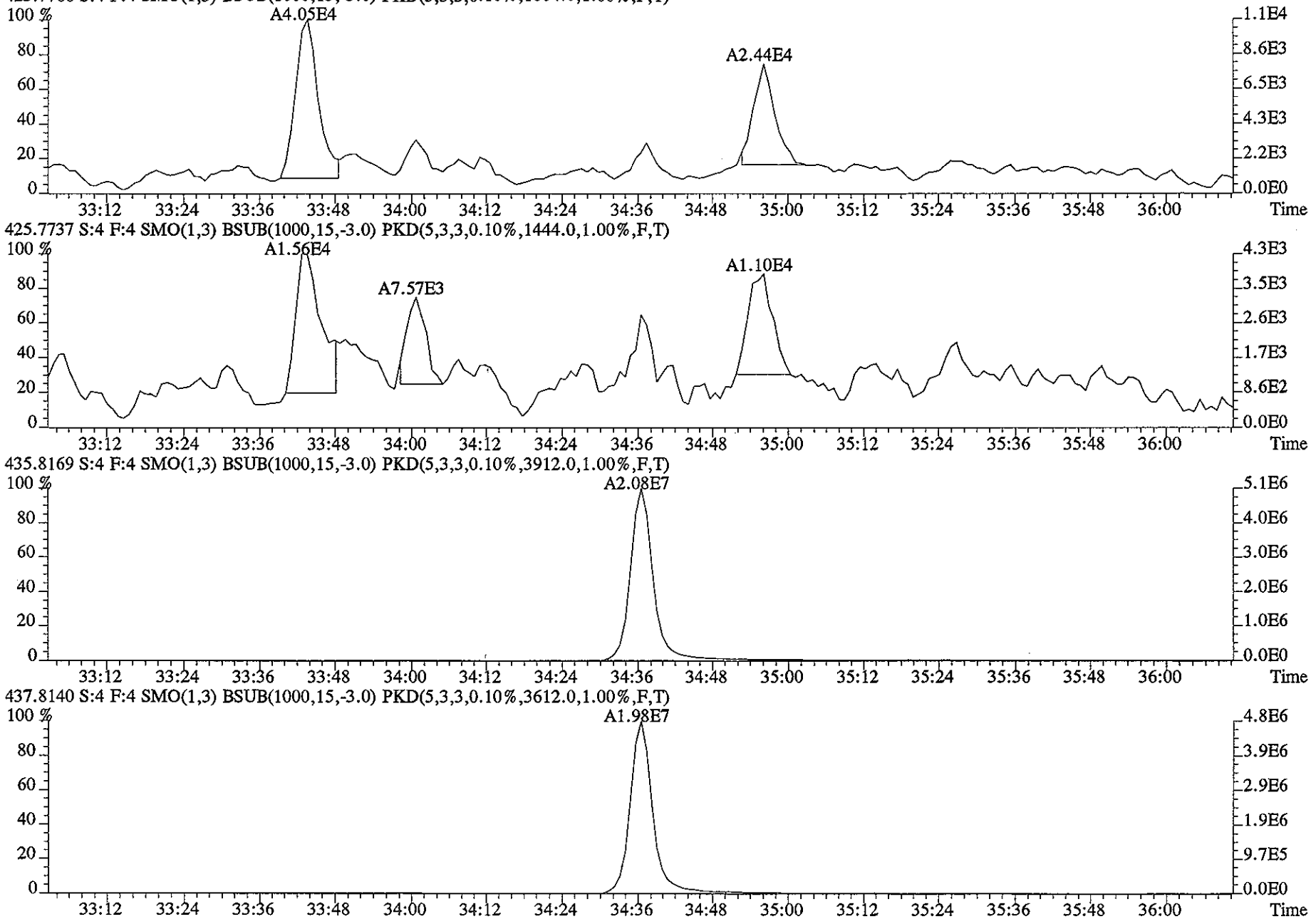
File:09JA068D5 #1-447 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN



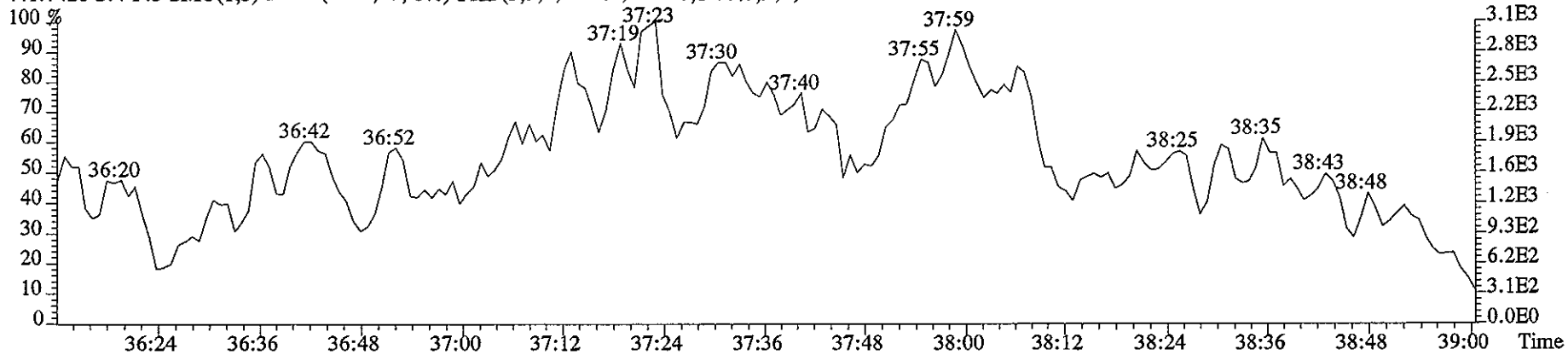
File:09JA068D5 #1-221 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN



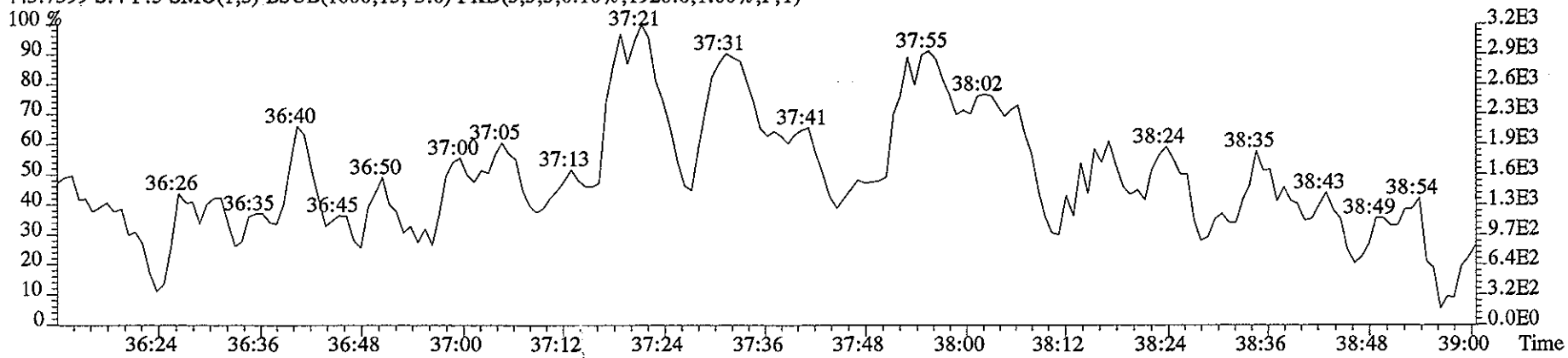
File:09JA068D5 #1-221 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN



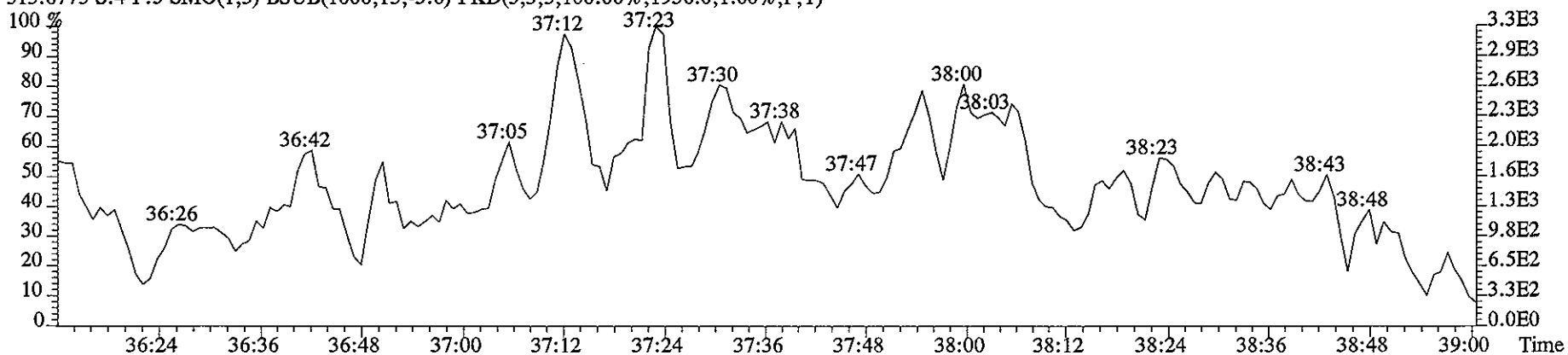
File:09JA068D5 #1-203 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN
441.7428 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2240.0,1.00%,F,T)



443.7399 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1920.0,1.00%,F,T)

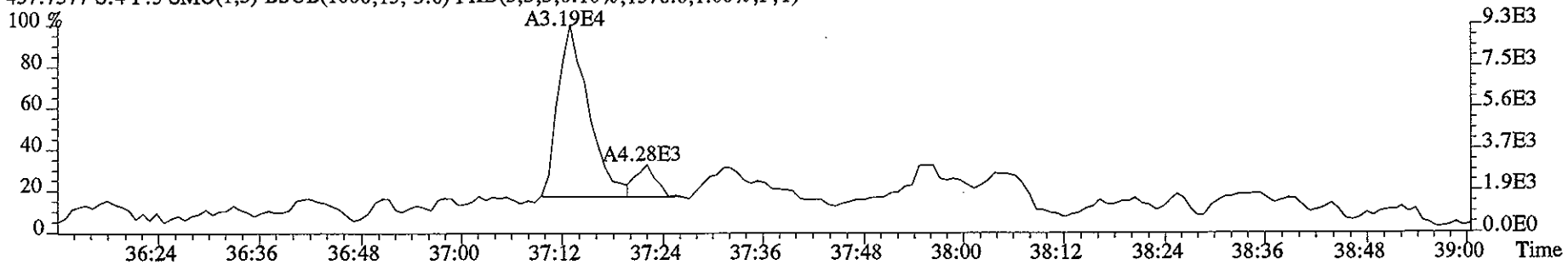


513.6775 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,1936.0,1.00%,F,T)

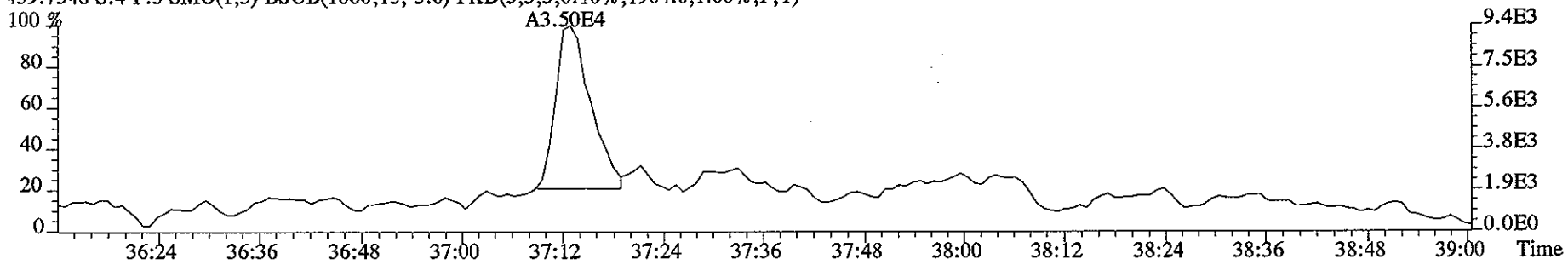


File:09JA068D5 #1-203 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN

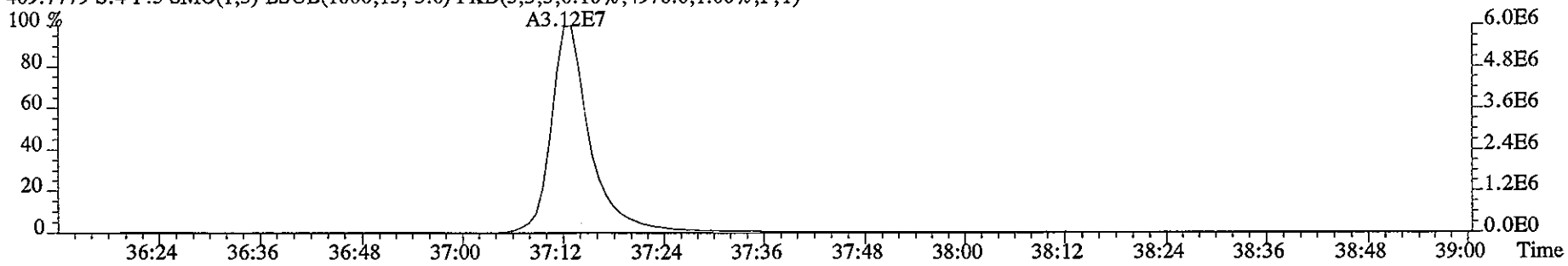
457.7377 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1576.0,1.00%,F,T)



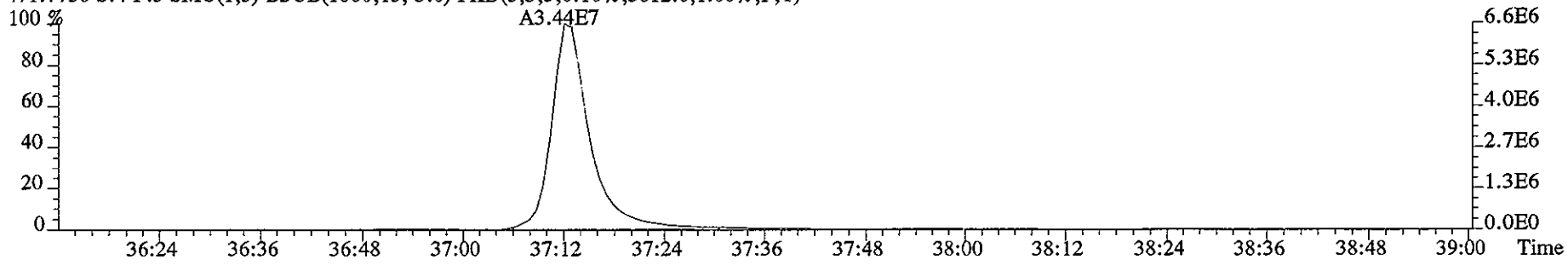
459.7348 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1904.0,1.00%,F,T)



469.7779 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4976.0,1.00%,F,T)

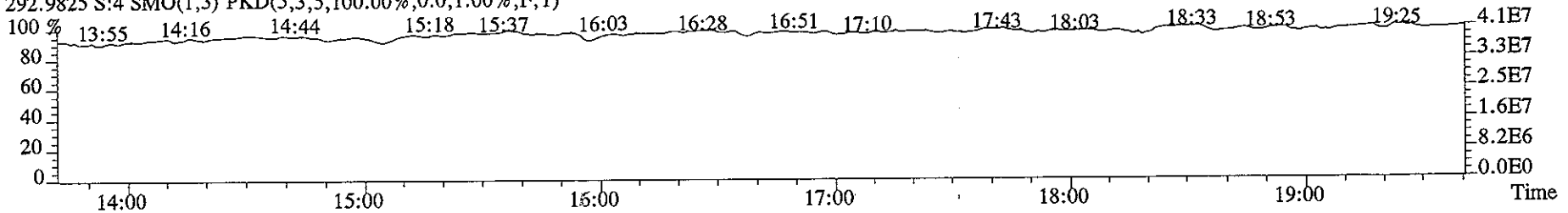


471.7750 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3812.0,1.00%,F,T)

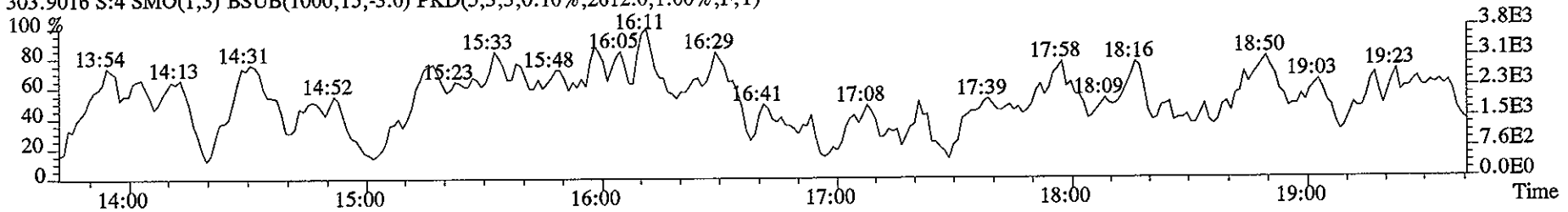


File:09JA068D5 #1-325 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN

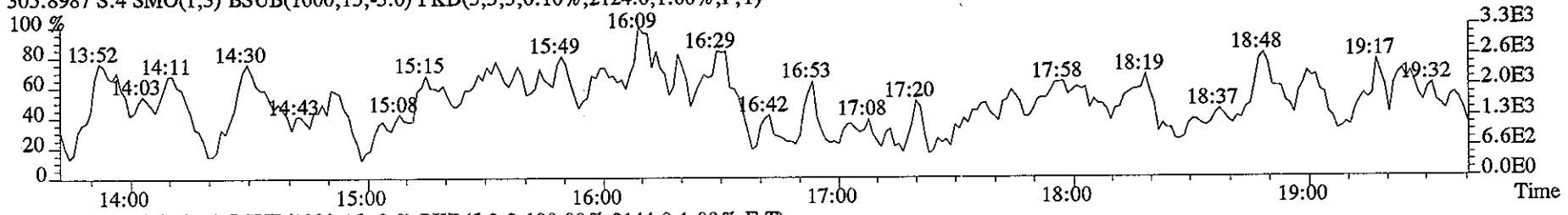
292.9825 S:4 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



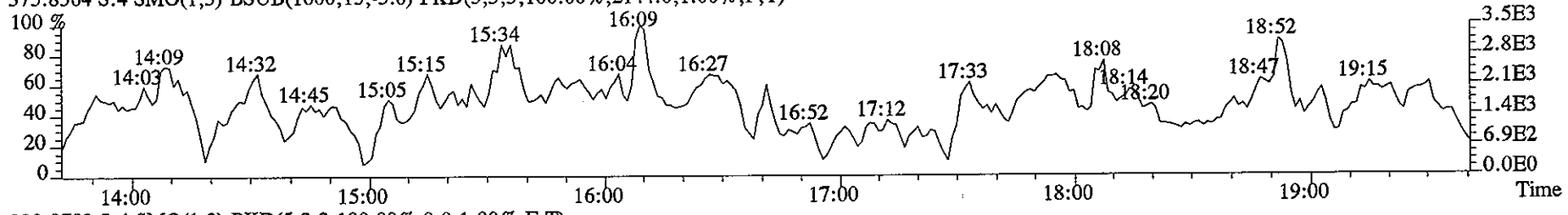
303.9016 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2612.0,1.00%,F,T)



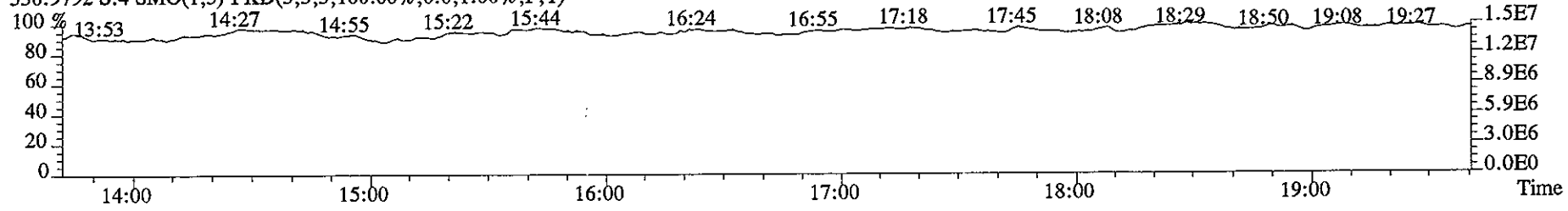
305.8987 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2124.0,1.00%,F,T)



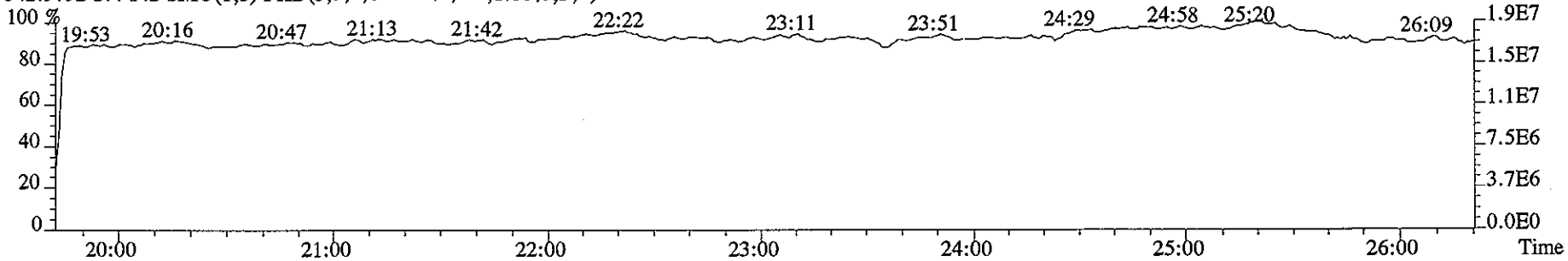
375.8364 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2144.0,1.00%,F,T)



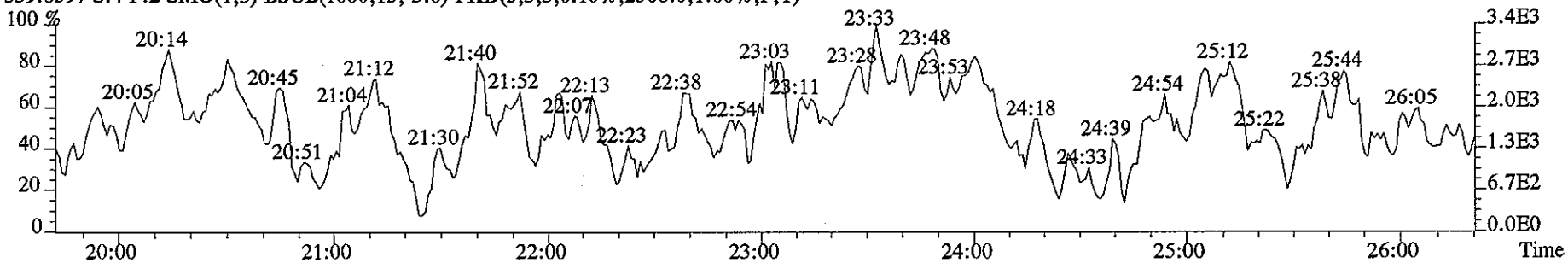
330.9792 S:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



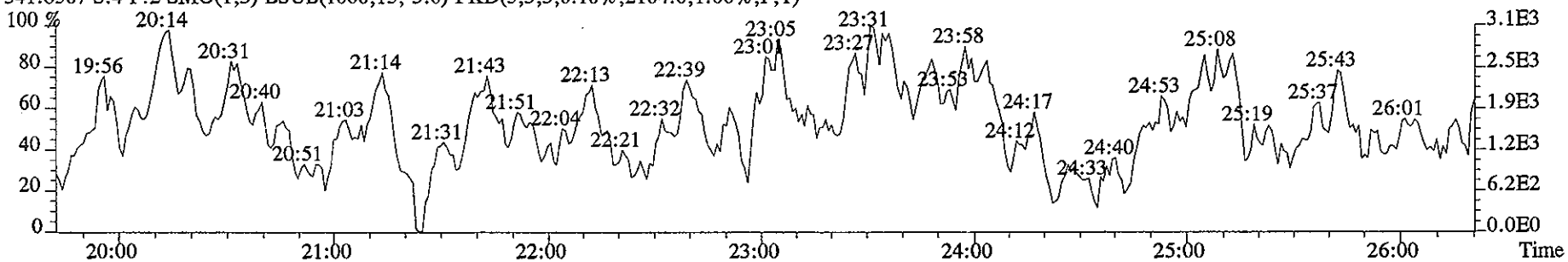
File:09JA068D5 #1-467 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN
342.9792 S:4 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



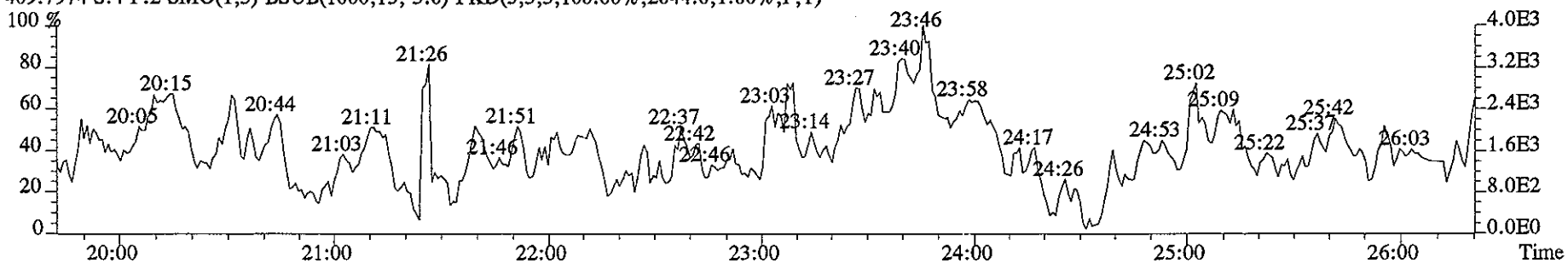
339.8597 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2308.0,1.00%,F,T)



341.8567 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2104.0,1.00%,F,T)

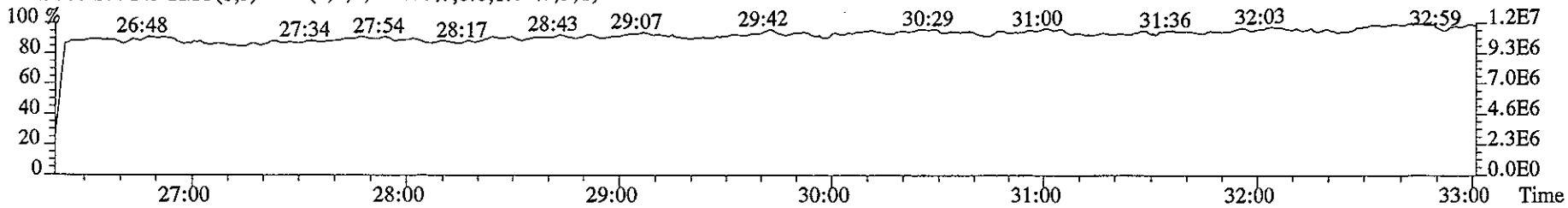


409.7974 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2044.0,1.00%,F,T)

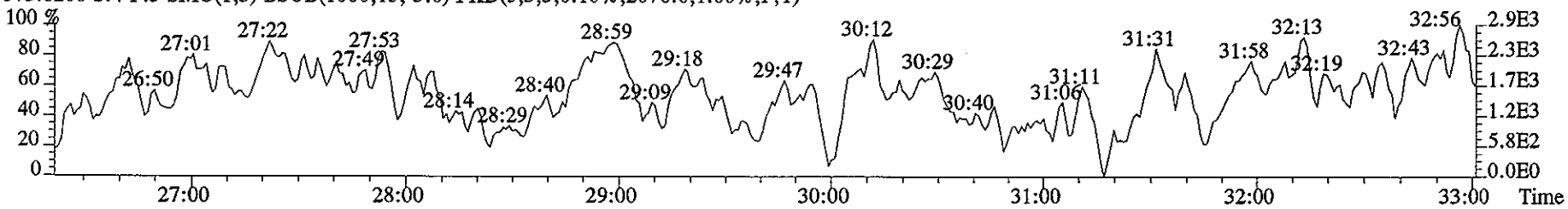


File:09JA068D5 #1-447 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN

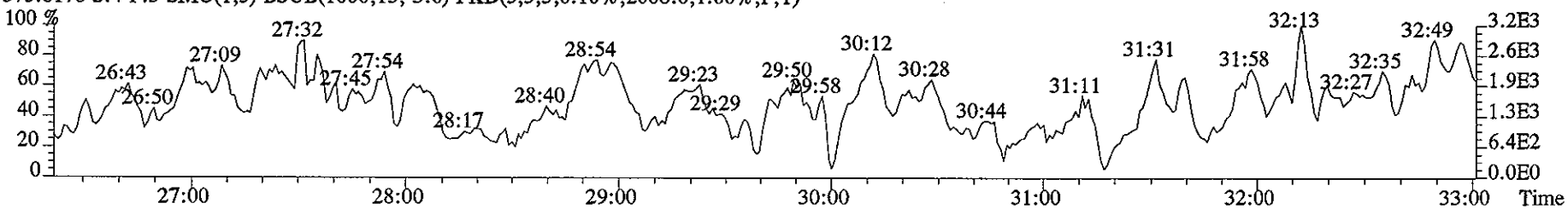
392.9760 S:4 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



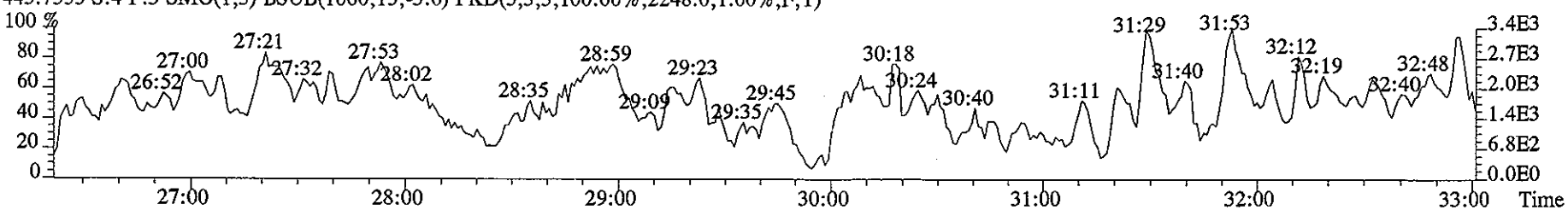
373.8208 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2076.0,1.00%,F,T)



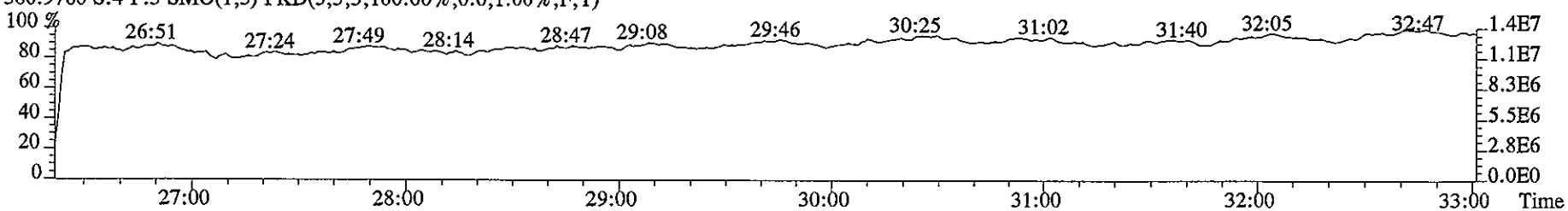
375.8178 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2008.0,1.00%,F,T)



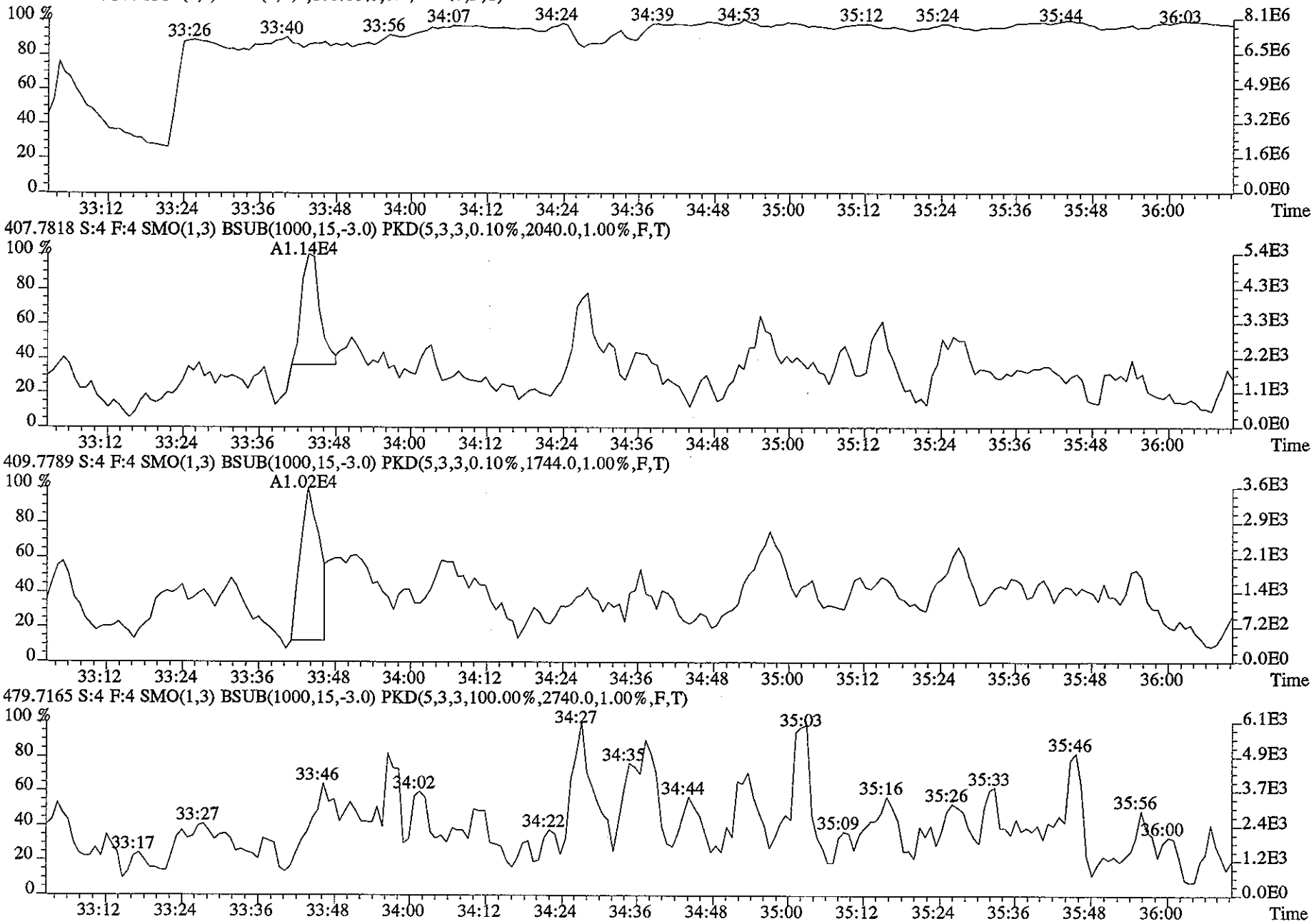
445.7555 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2248.0,1.00%,F,T)



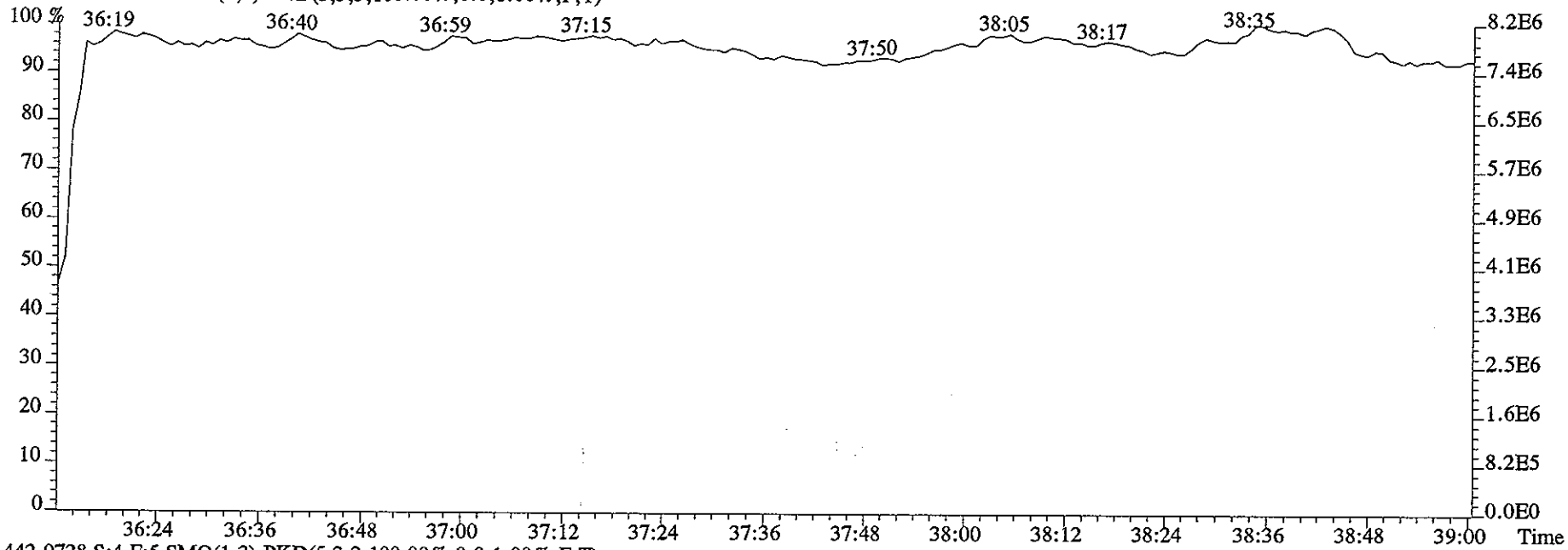
380.9760 S:4 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



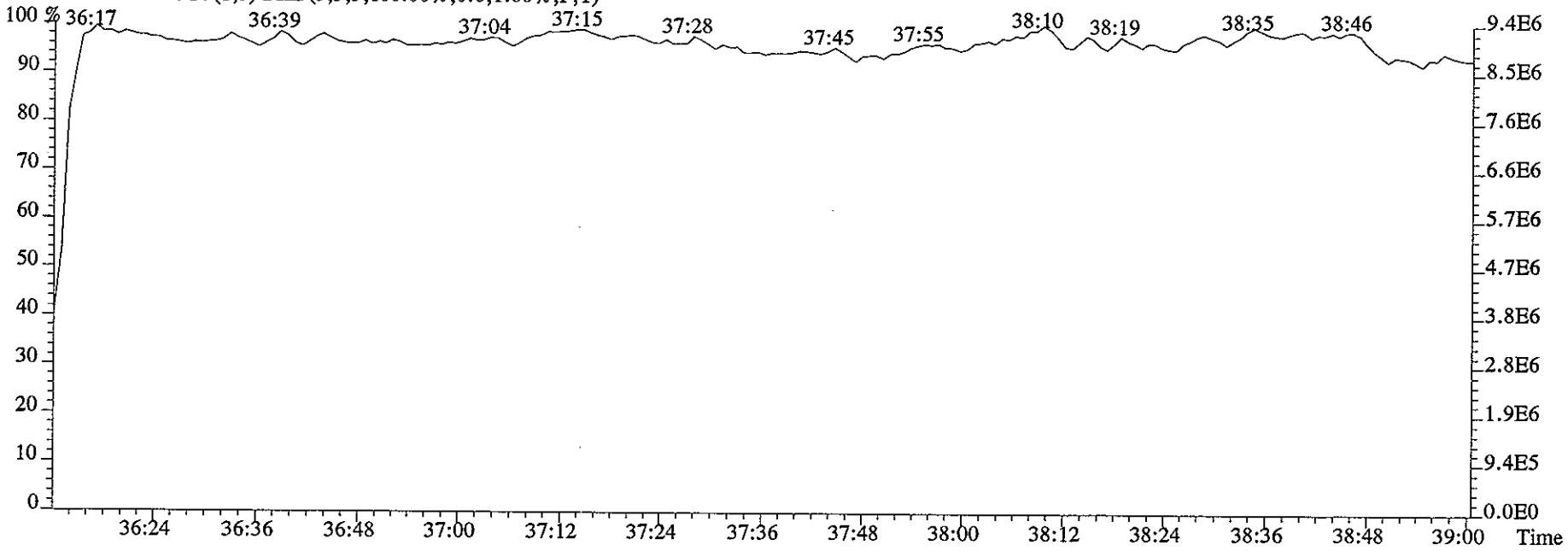
File:09JA068D5 #1-221 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN



File:09JA068D5 #1-203 Acq: 9-JAN-2006 17:32:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:HT6XH-1-AA :G6A050000-463B Exp:DIOXIN
454.9728 S:4 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:4 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

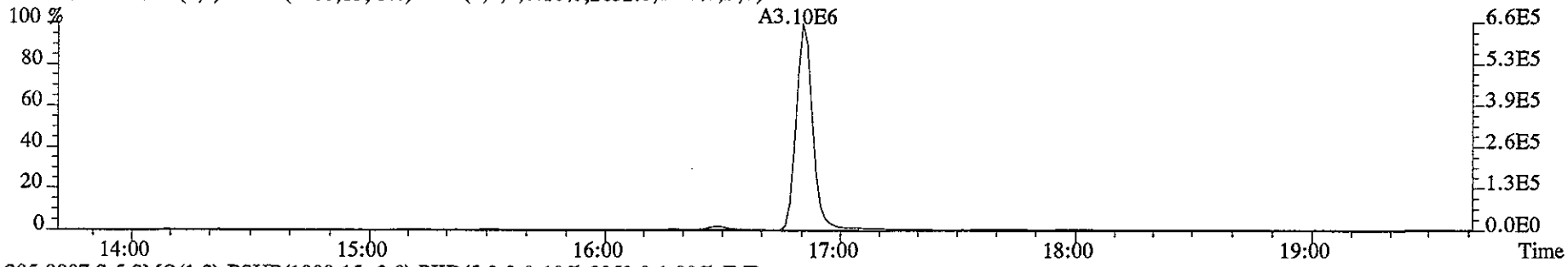


Run text: HT6XH-1-AC Sample text: HT6XH-1-AC :G6A050000-463C
Run #8 Filename: 09JA068D5 S: 5 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 18:14:44 Processed: 10-JAN-06 08:11:11
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

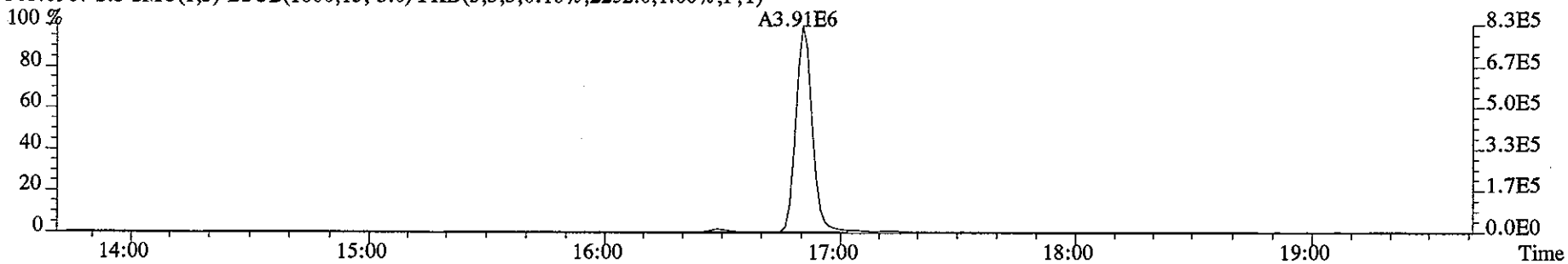
Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	52174300	0.82	y	17:20	-	7.22	-	-	n
13C-2,3,7,8-TCDF	66744600	0.79	y	16:49	1.56	164.50	0.18	82.3	n
2,3,7,8-TCDF	7009410	0.79	y	16:50	1.00	21.00	0.21	-	n
Total TCDF	7124624	0.85	y	16:29	1.00	21.34	0.21	-	n
13C-2,3,7,8-TCDD	39267800	0.80	y	17:31	0.92	163.22	0.31	81.6	n
2,3,7,8-TCDD	5219140	0.80	y	17:32	1.28	20.77	0.25	-	n
Total TCDD	5219140	0.80	y	17:32	1.28	20.77	0.25	-	n
37Cl-2,3,7,8-TCDD	39768200	1.00	y	17:32	2.42	63.03	0.09	78.8	n
13C-1,2,3,7,8-PeCDF	58299000	1.60	y	21:42	1.34	166.76	0.41	83.4	n
1,2,3,7,8-PeCDF	28769500	1.59	y	21:44	0.95	103.77	0.50	-	n
2,3,4,7,8-PeCDF	28396700	1.57	y	23:02	1.00	97.65	0.48	-	n
Total F2 PeCDF	57485030	1.59	y	21:44	0.97	202.54	0.49	-	n
Total F1 PeCDF	*	*	n	NotFnd	0.97	*	0.29	-	n
13C-1,2,3,7,8-PeCDD	38734800	1.59	y	23:42	0.88	167.93	0.38	84.0	n
1,2,3,7,8-PeCDD	19926750	1.58	y	23:43	1.02	100.94	0.64	-	n
Total PeCDD	19926750	1.58	y	23:43	1.02	100.94	0.64	-	n
13C-1,2,3,7,8,9-HxCDD	46429700	1.26	y	31:52	-	6.48	-	-	n
13C-1,2,3,4,7,8-HxCDF	41690500	0.52	y	29:53	1.12	160.80	0.48	80.4	n
1,2,3,4,7,8-HxCDF	25275300	1.25	y	29:54	1.08	111.77	0.62	-	n
1,2,3,6,7,8-HxCDF	28247300	1.27	y	30:09	1.20	112.72	0.56	-	n
2,3,4,6,7,8-HxCDF	28073800	1.25	y	31:09	1.09	123.27	0.62	-	n
1,2,3,7,8,9-HxCDF	26689300	1.27	y	32:06	1.04	122.69	0.65	-	n
Total HxCDF	108285700	1.25	y	29:54	1.11	470.44	0.61	-	n
13C-1,2,3,6,7,8-HxCDD	35141500	1.29	y	31:29	0.96	158.07	0.27	79.0	n
1,2,3,4,7,8-HxCDD	16498190	1.25	y	31:23	0.87	107.57	0.29	-	n
1,2,3,6,7,8-HxCDD	19122140	1.27	y	31:30	0.97	112.69	0.26	-	n
1,2,3,7,8,9-HxCDD	21275820	1.25	y	31:53	1.00	121.13	0.25	-	n
Total HxCDD	56896150	1.25	y	31:23	0.95	341.39	0.26	-	n
13C-1,2,3,4,6,7,8-HpCDF	34130400	0.50	y	33:43	0.94	156.63	0.72	78.3	n
1,2,3,4,6,7,8-HpCDF	23156700	1.05	y	33:44	1.31	103.76	0.28	-	n
1,2,3,4,7,8,9-HpCDF	17222920	1.04	y	34:56	1.16	87.04	0.31	-	n
Total HpCDF	40577869	1.05	y	33:44	1.23	191.74	0.30	-	n
13C-1,2,3,4,6,7,8-HpCDD	23584200	1.08	y	34:37	0.87	116.91	0.35	58.5	n
1,2,3,4,6,7,8-HpCDD	12415630	1.06	y	34:37	0.94	111.52	0.46	-	n
Total HpCDD	12505796	2.94	n	33:43	0.94	112.33	0.46	-	n
13C-OCDD	63397700	0.91	y	37:12	0.74	368.91	0.55	92.2	n
OCDF	43354600	0.92	y	37:18	1.21	226.36	0.21	-	n
OCDD	33576700	0.89	y	37:12	0.98	217.00	0.48	-	n

AK 1/16/06

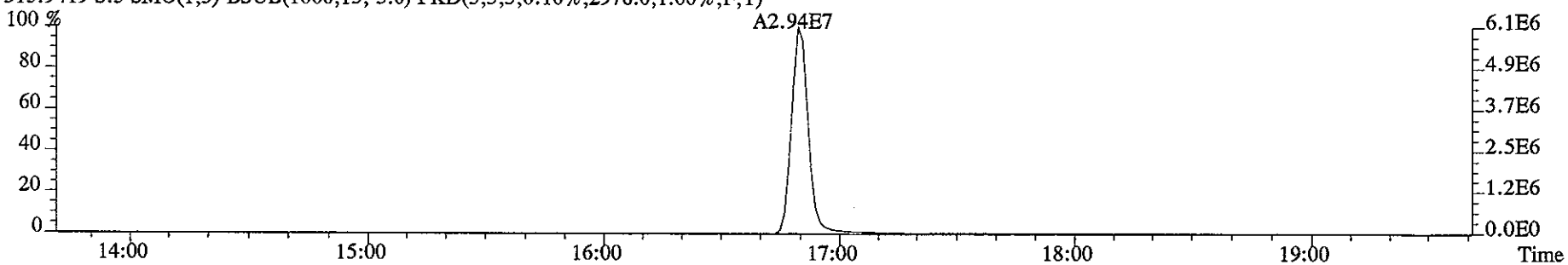
File:09JA068D5 #1-326 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN
303.9016 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2632.0,1.00%,F,T)



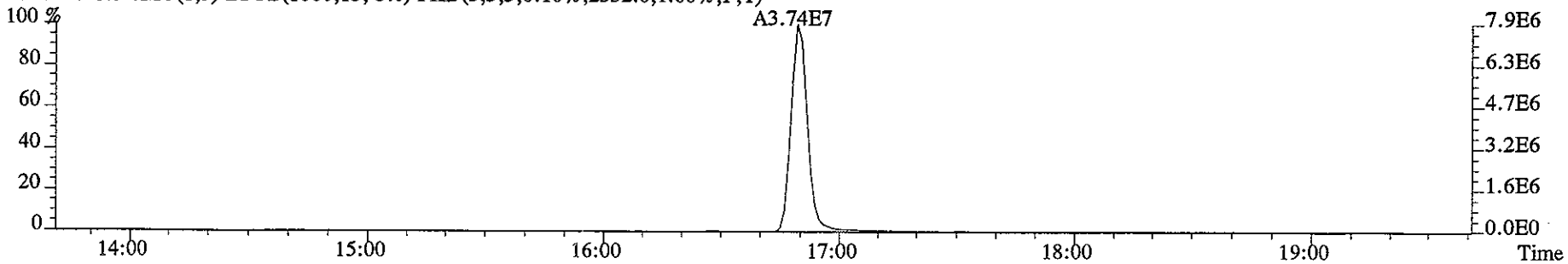
305.8987 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2252.0,1.00%,F,T)



315.9419 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2976.0,1.00%,F,T)

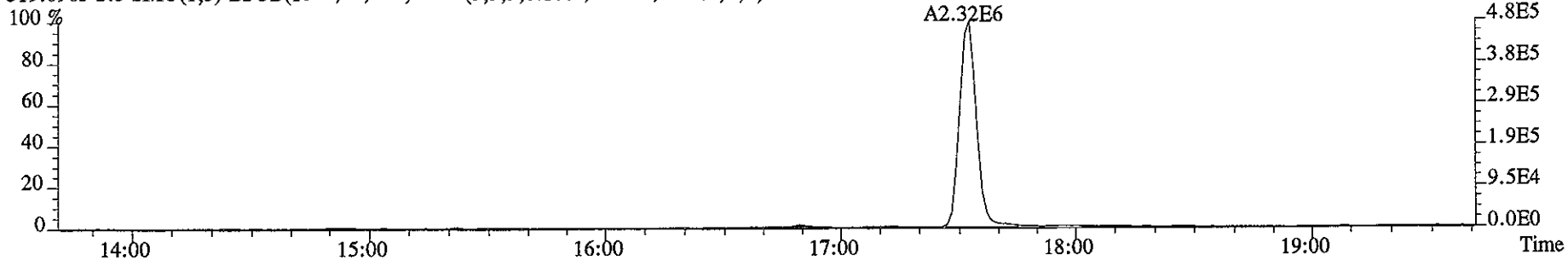


317.9389 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2332.0,1.00%,F,T)

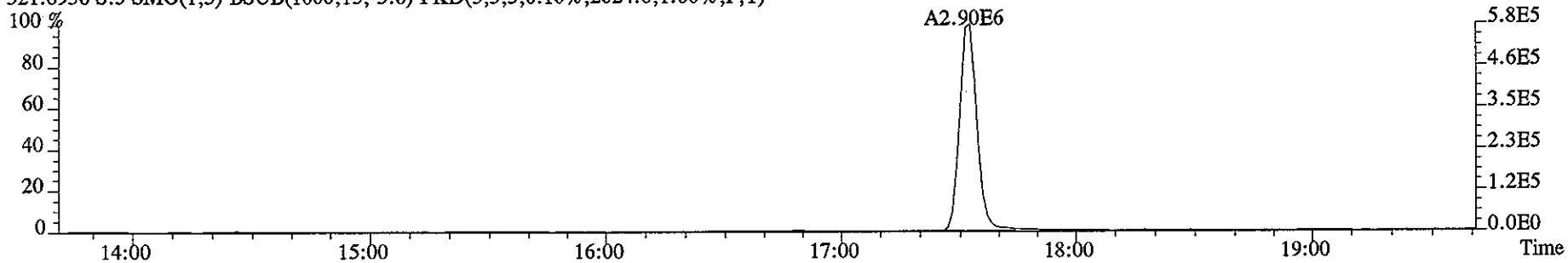


File:09JA068D5 #1-326 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN

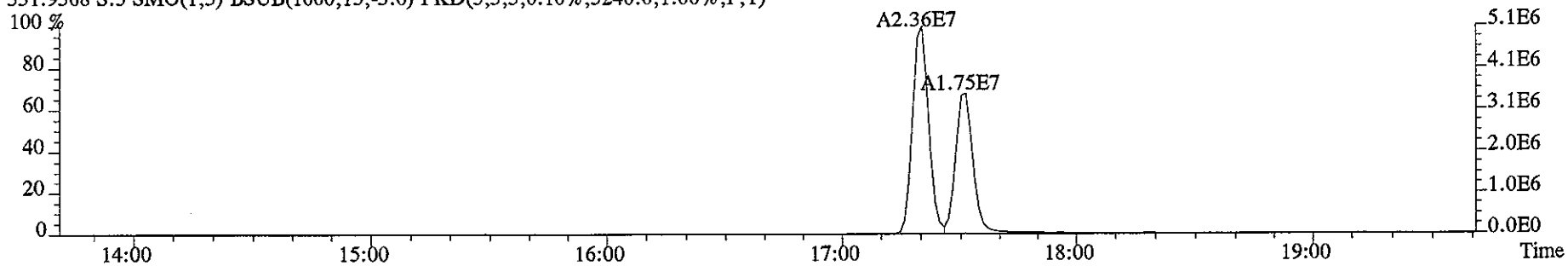
319.8965 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2168.0,1.00%,F,T)



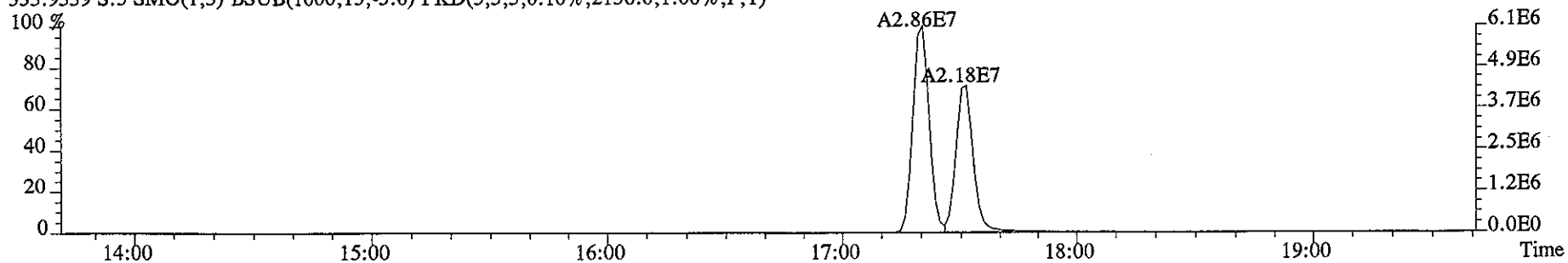
321.8936 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2024.0,1.00%,F,T)



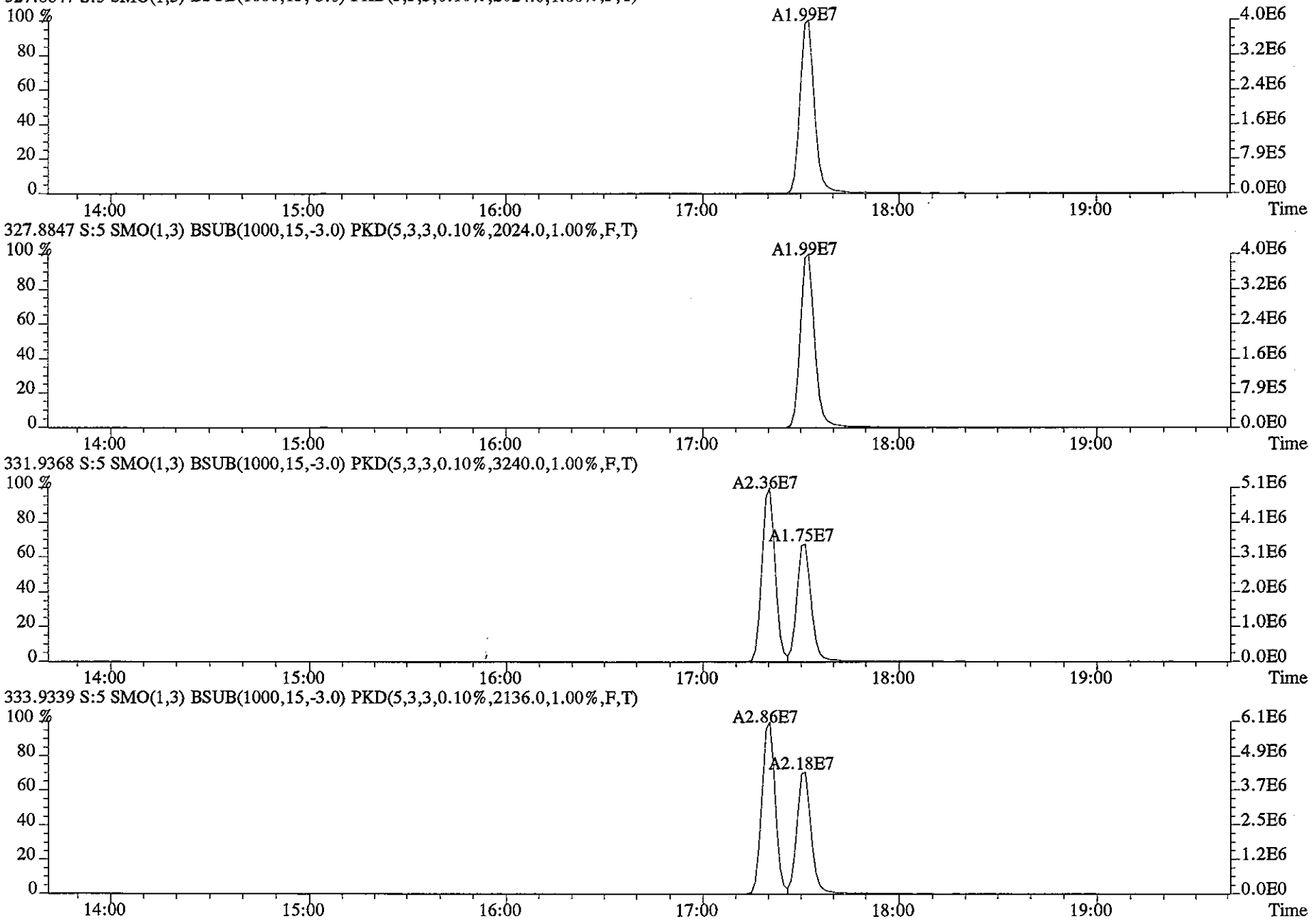
331.9368 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3240.0,1.00%,F,T)



333.9339 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2136.0,1.00%,F,T)

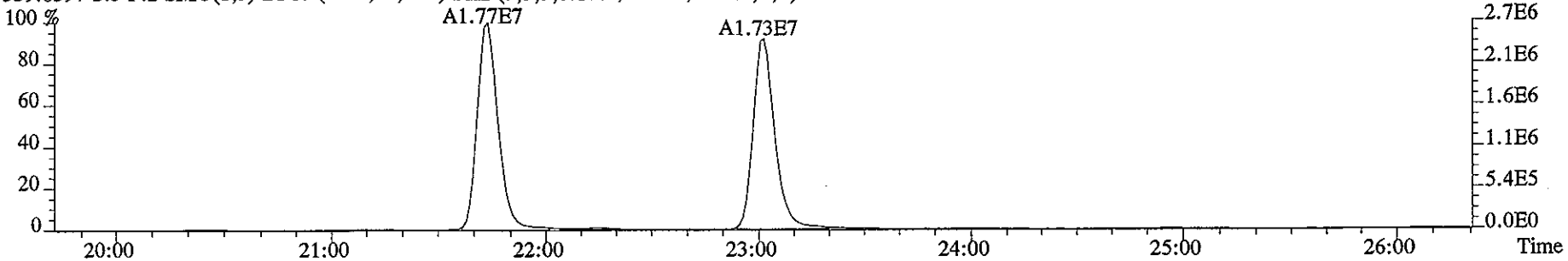


File:09JA068D5 #1-326 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN

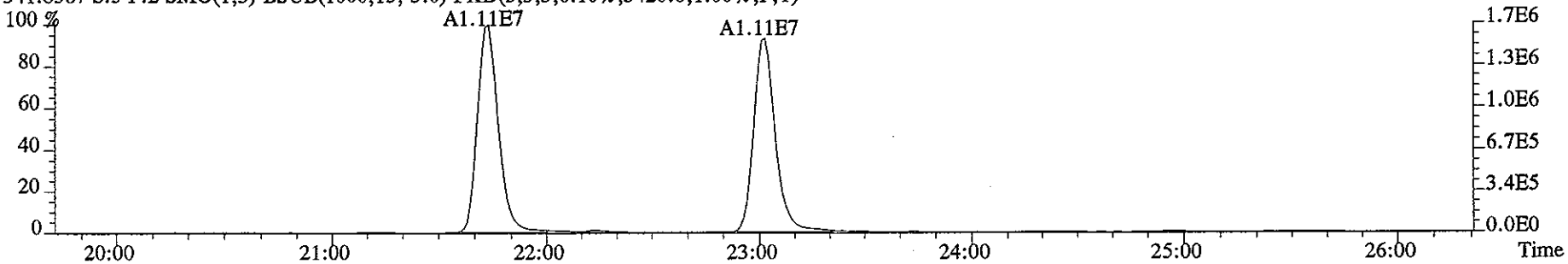


File:09JA068D5 #1-467 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN

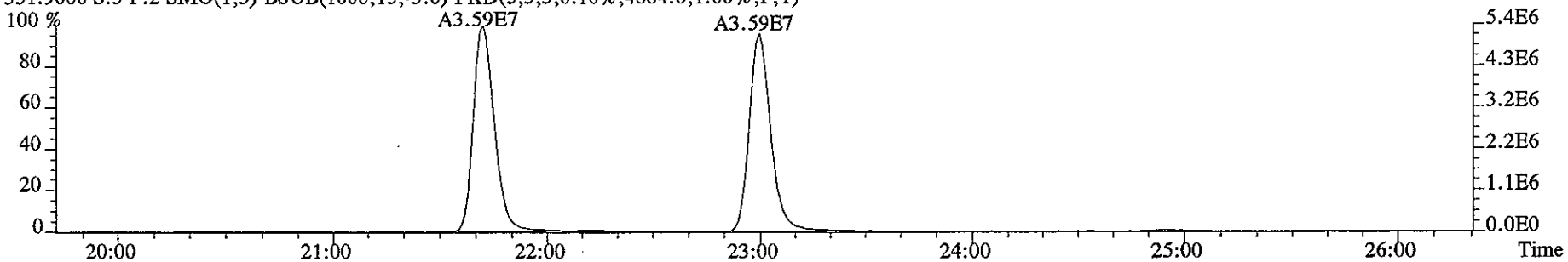
339.8597 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3644.0,1.00%,F,T)



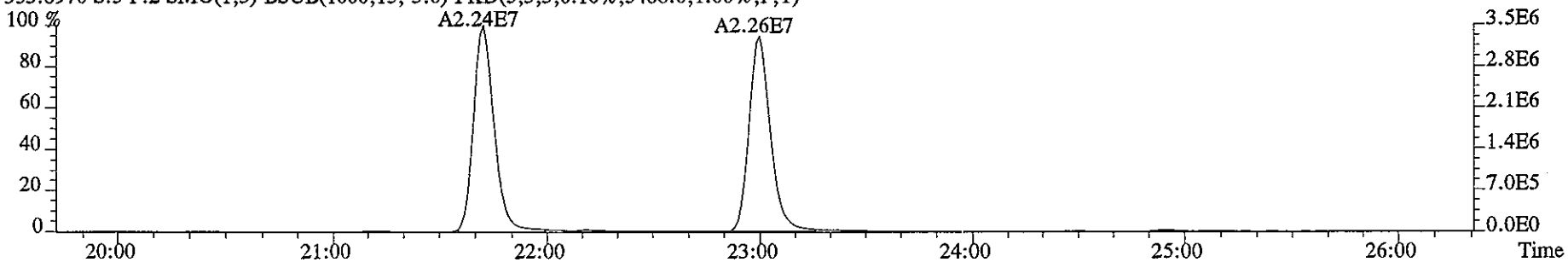
341.8567 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3420.0,1.00%,F,T)



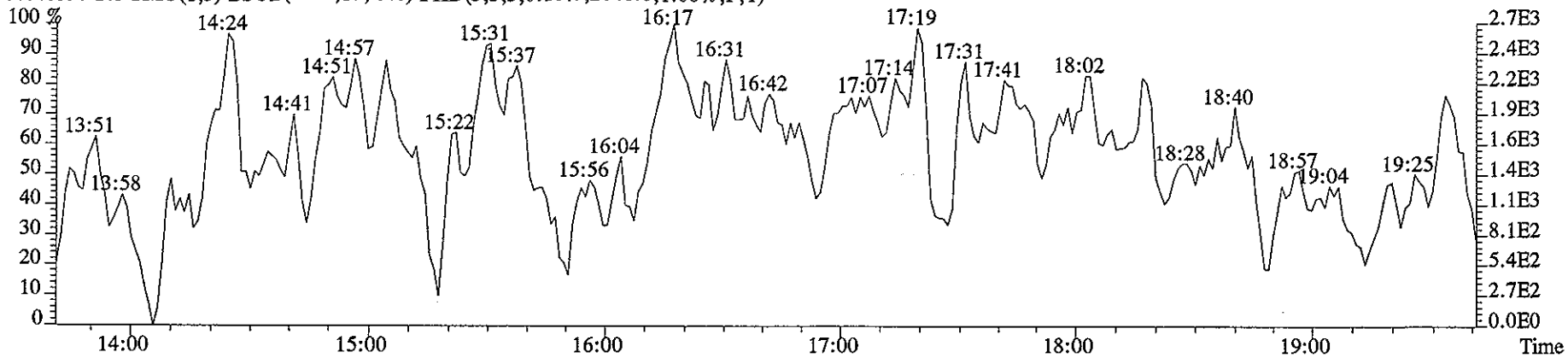
351.9000 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4884.0,1.00%,F,T)



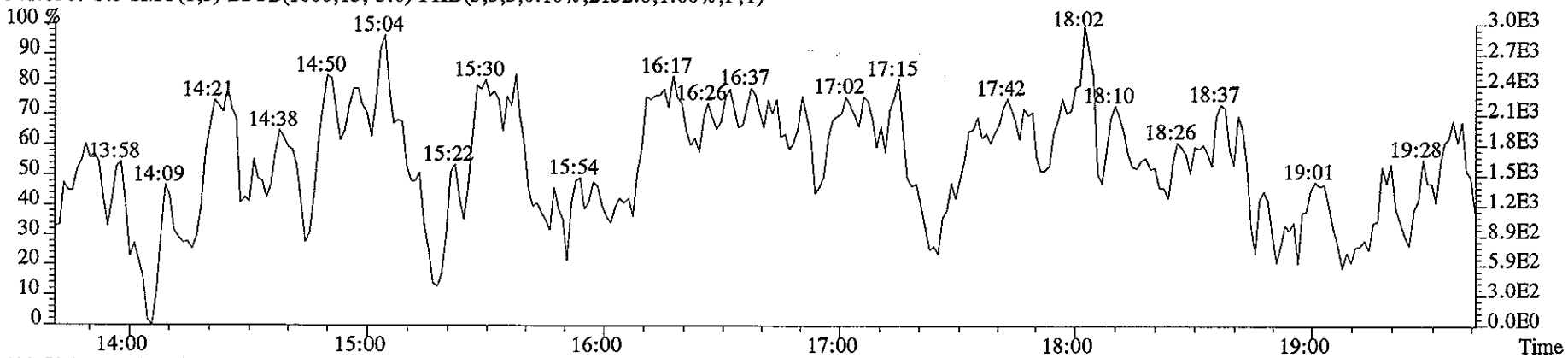
353.8970 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5488.0,1.00%,F,T)



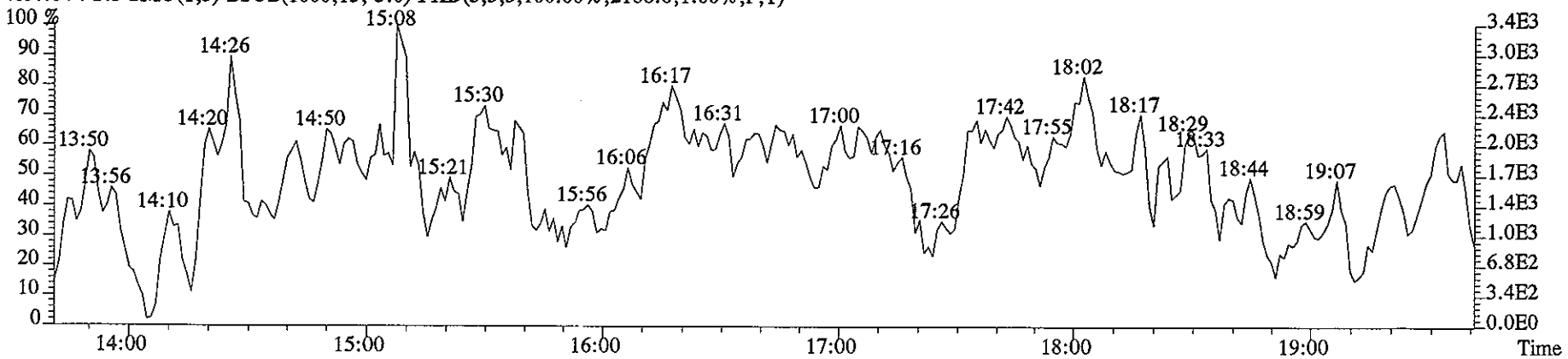
File:09JA068D5 #1-326 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN
339.8597 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2040.0,1.00%,F,T)



341.8567 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2132.0,1.00%,F,T)

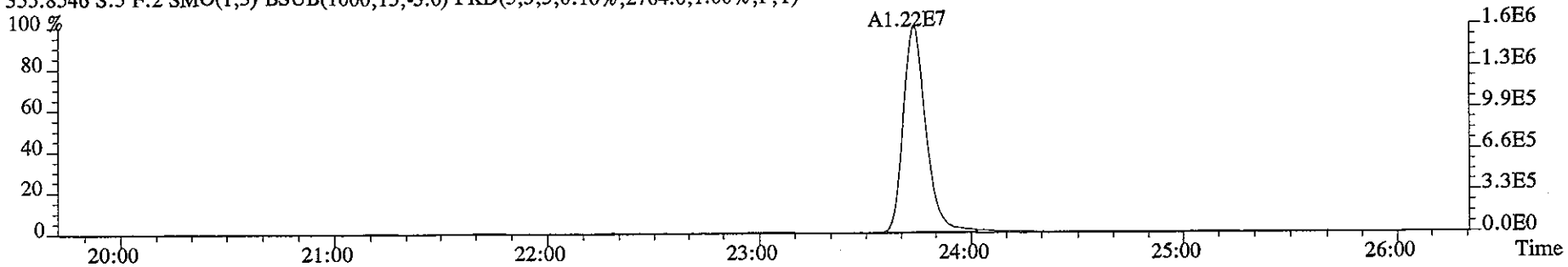


409.7974 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2188.0,1.00%,F,T)

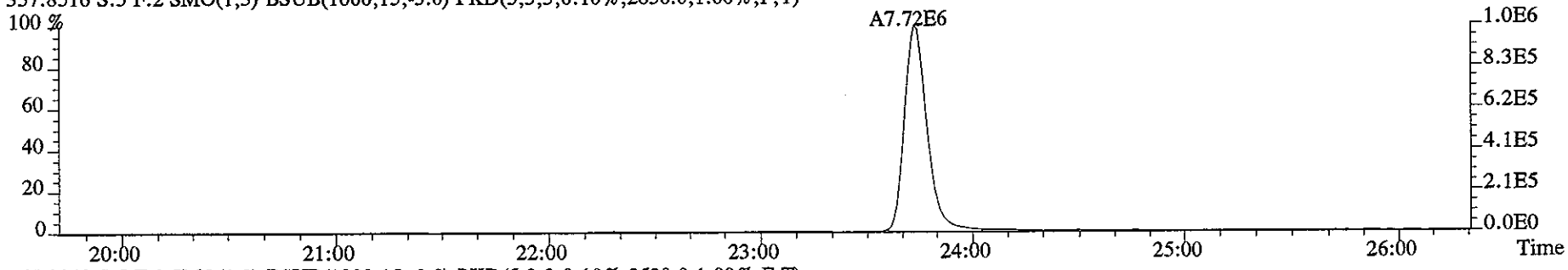


File:09JA068D5 #1-467 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN

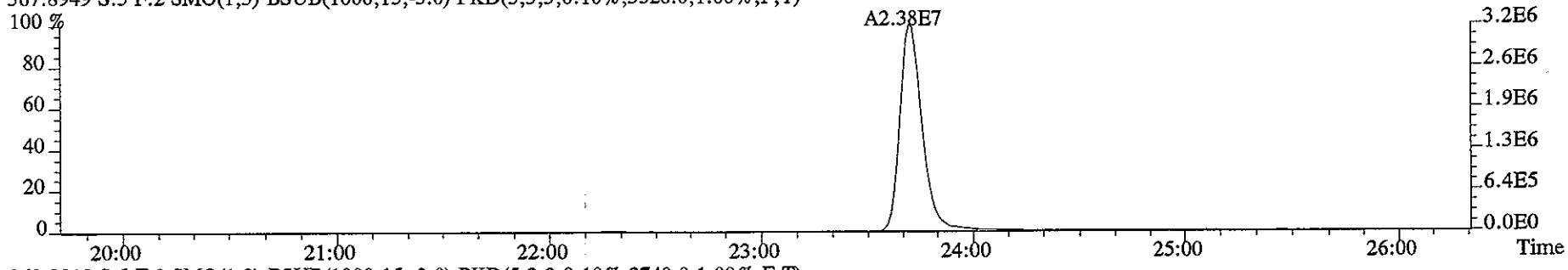
355.8546 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2764.0,1.00%,F,T)



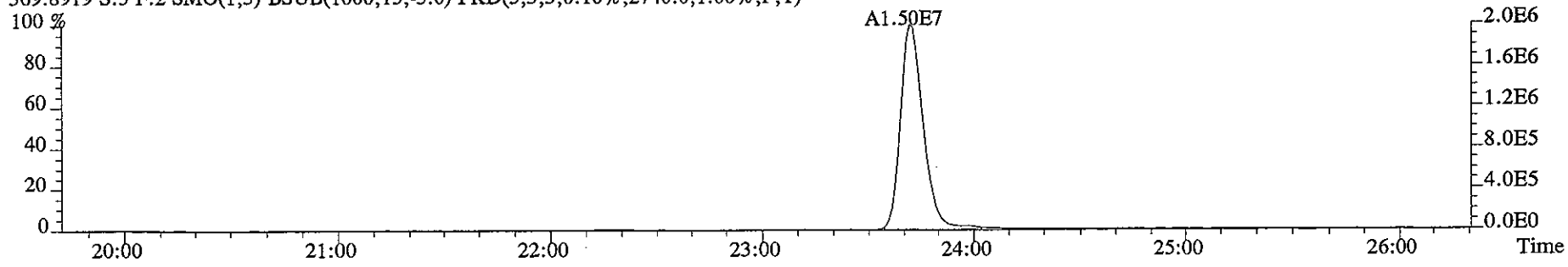
357.8516 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2856.0,1.00%,F,T)



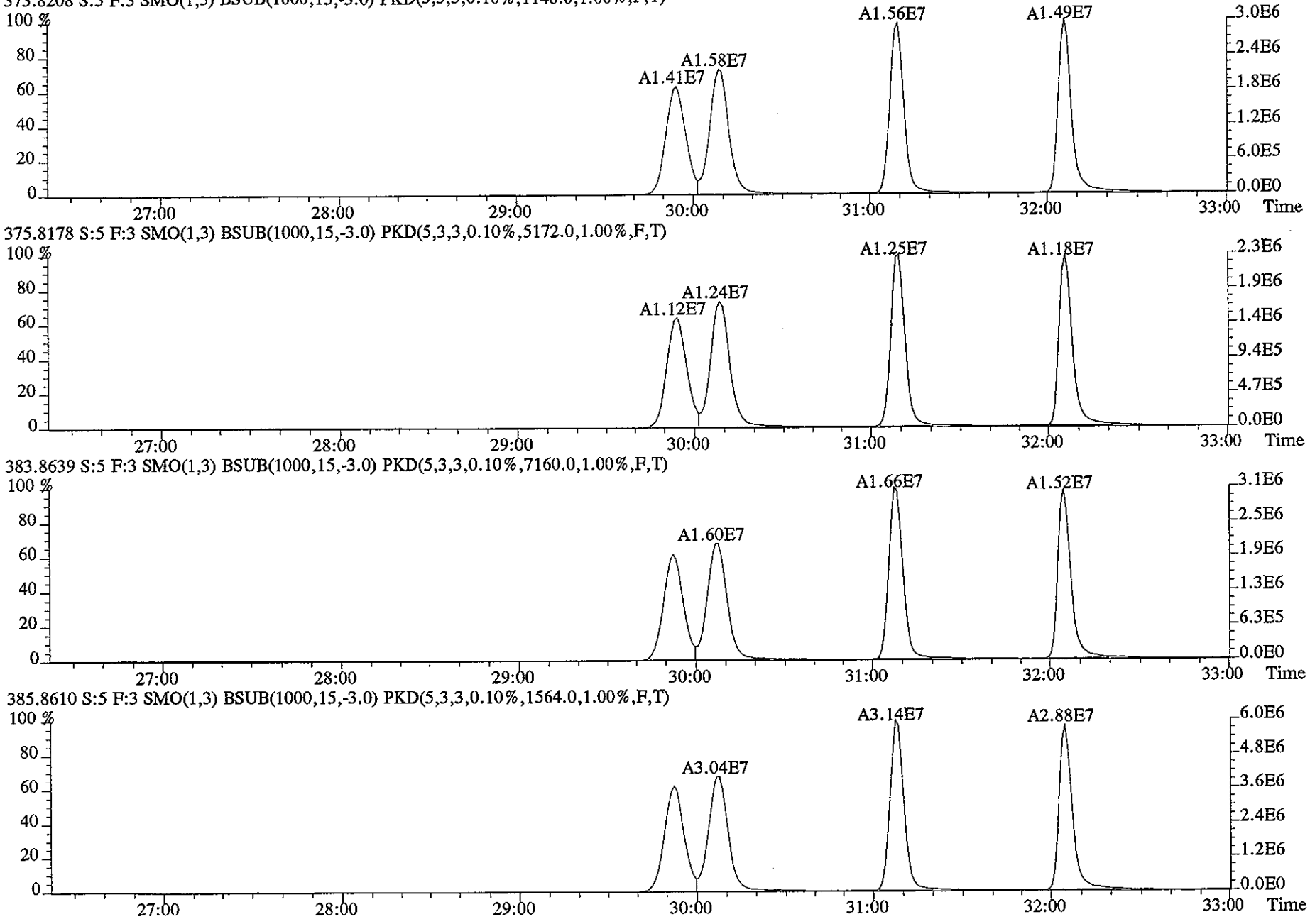
367.8949 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3528.0,1.00%,F,T)



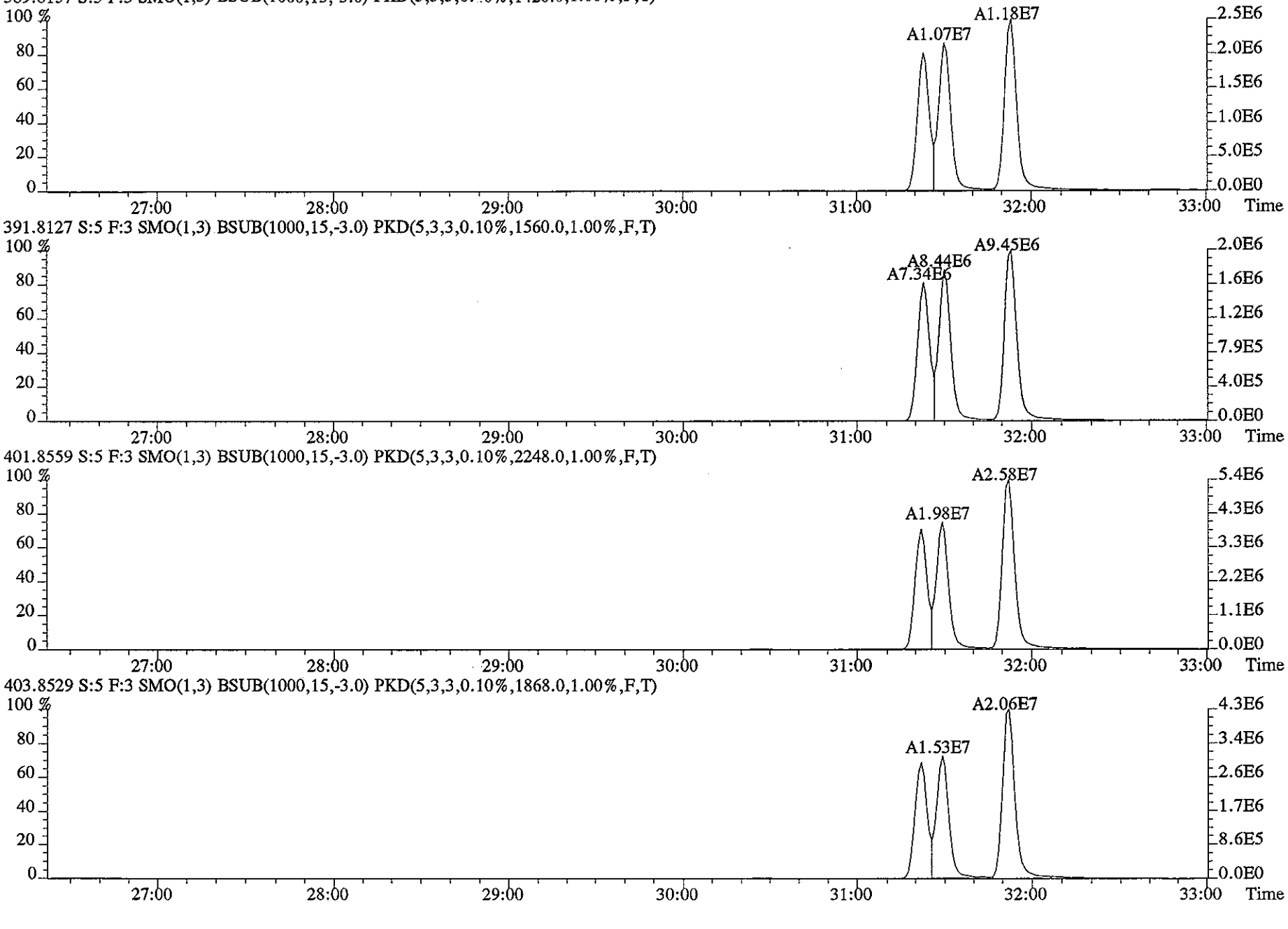
369.8919 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2740.0,1.00%,F,T)



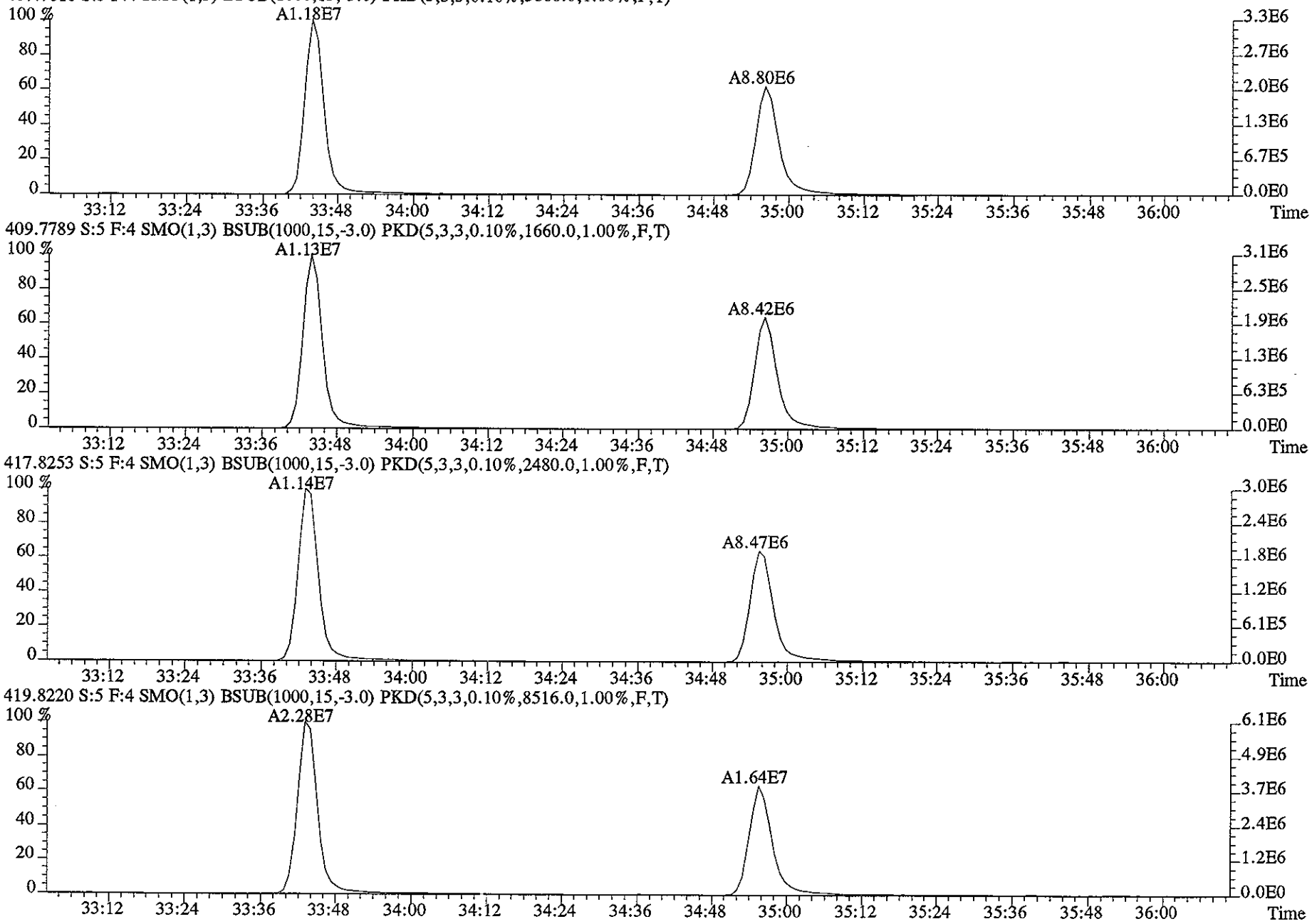
File:09JA068D5 #1-446 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN



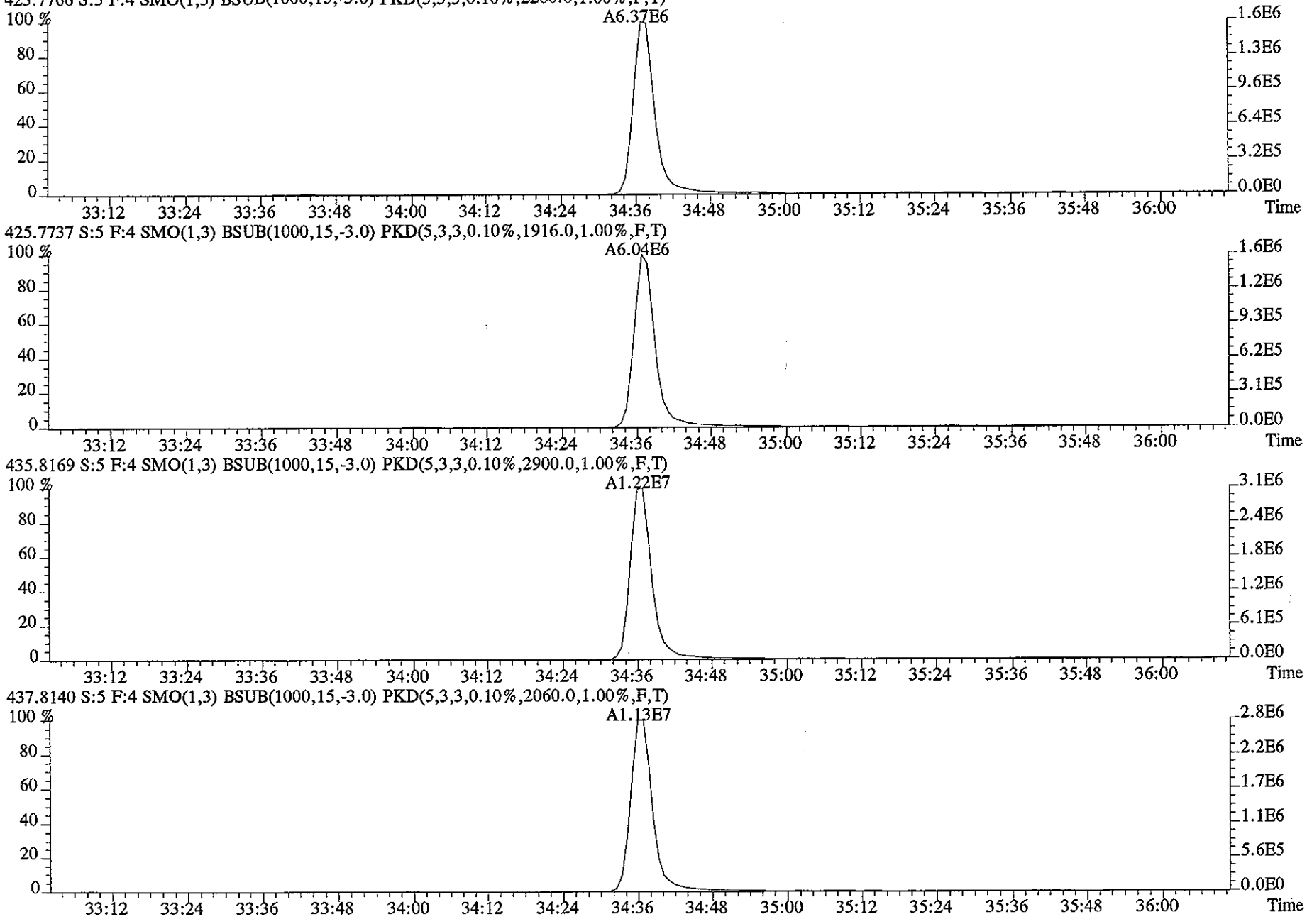
File:09JA068D5 #1-446 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN



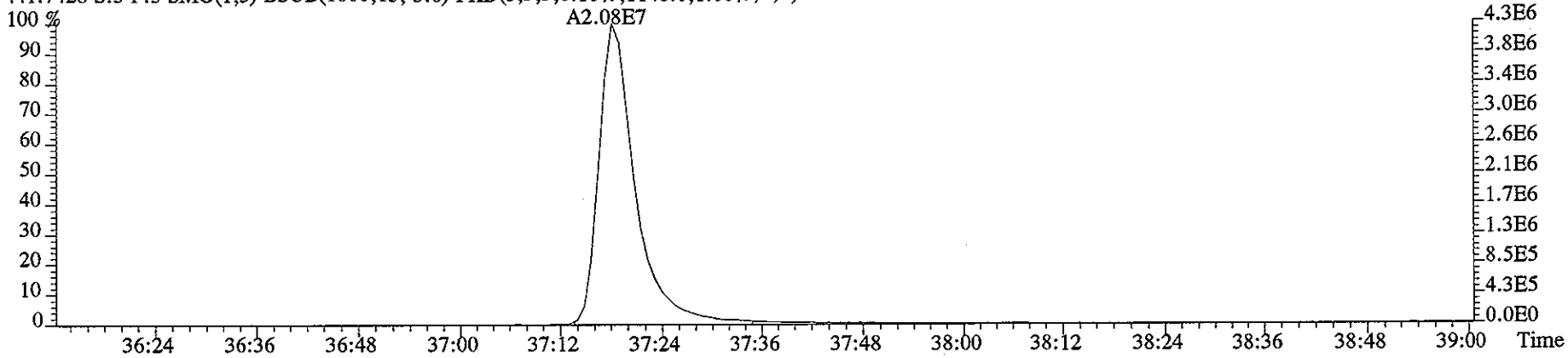
File:09JA068D5 #1-222 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN



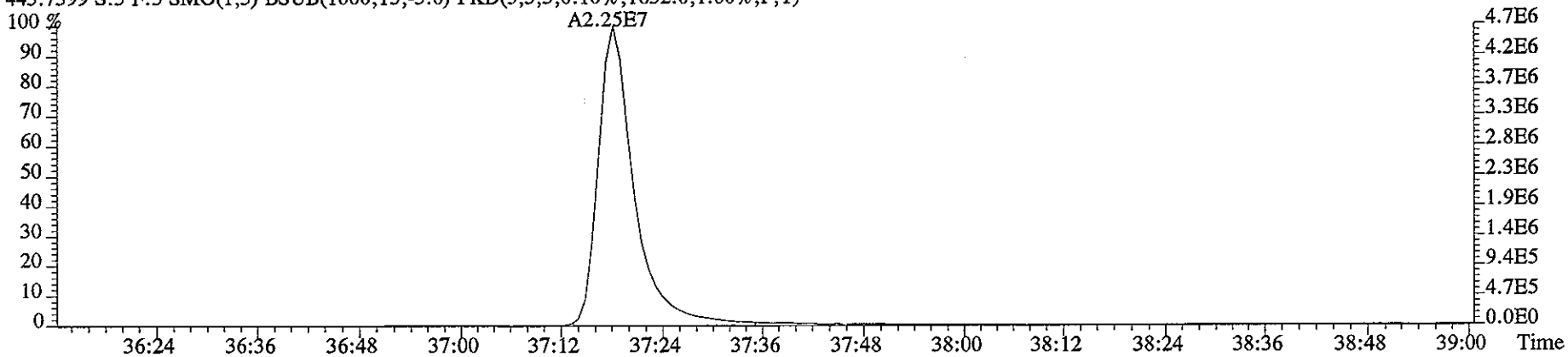
File:09JA068D5 #1-222 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN



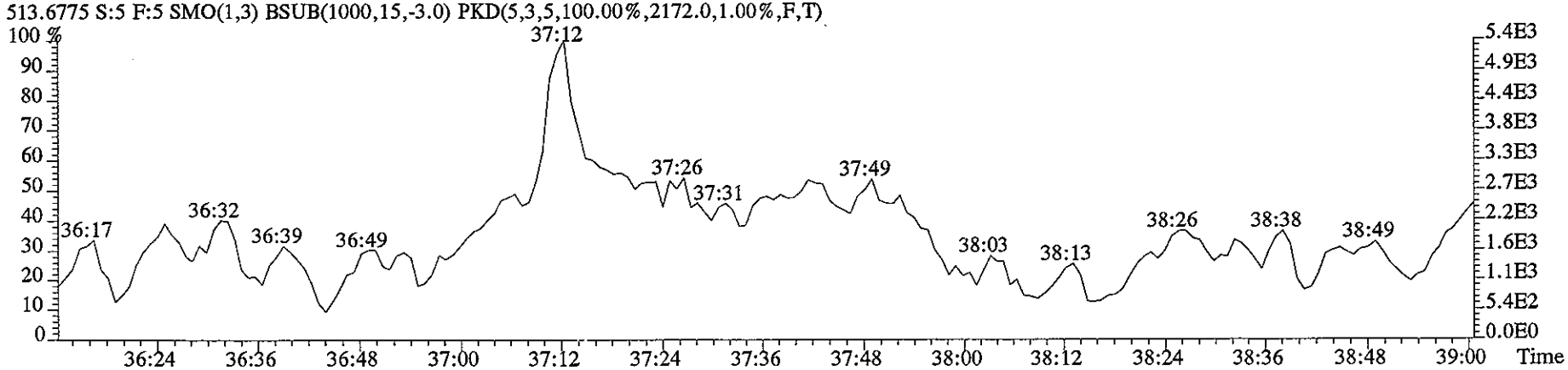
File:09JA068D5 #1-203 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN
441.7428 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1148.0,1.00%,F,T)



443.7399 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1632.0,1.00%,F,T)

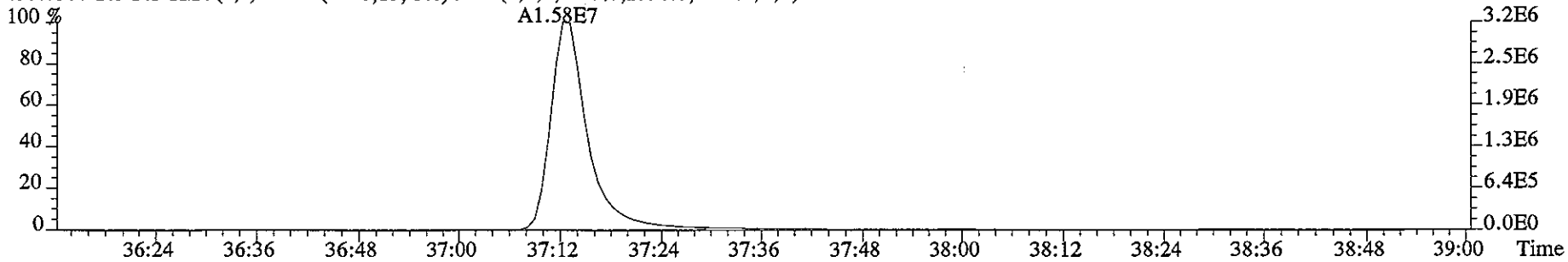


513.6775 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2172.0,1.00%,F,T)

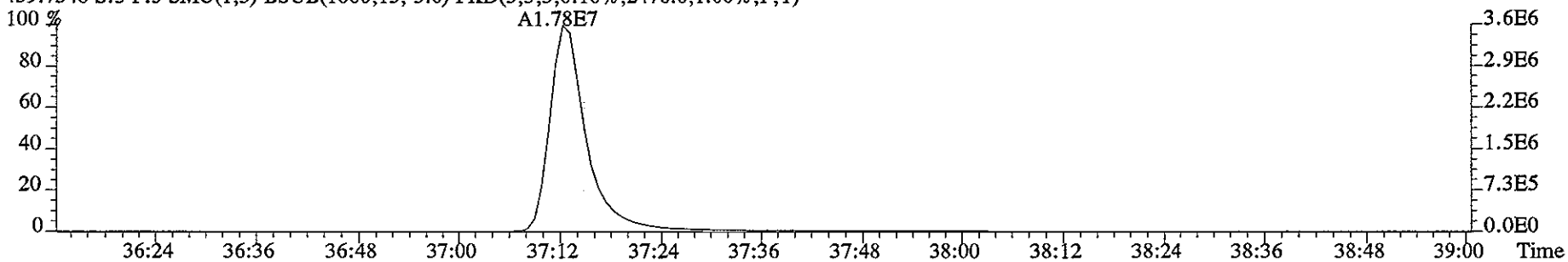


File:09JA068D5 #1-203 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN

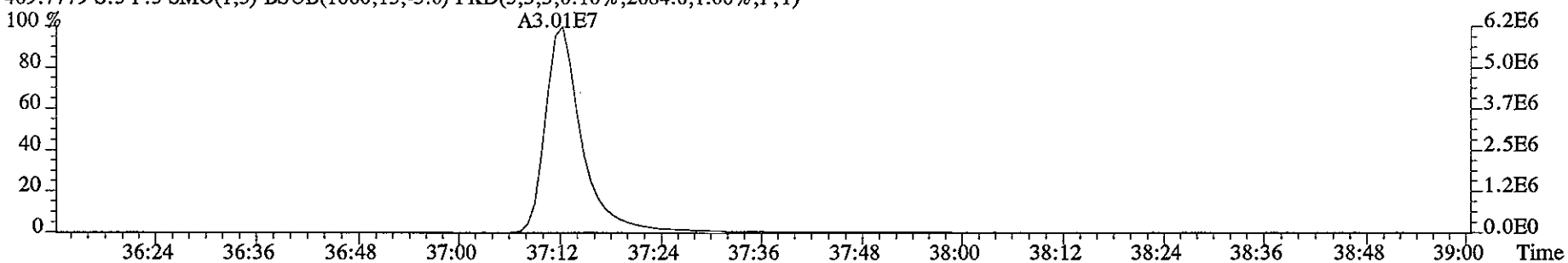
457.7377 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2596.0,1.00%,F,T)



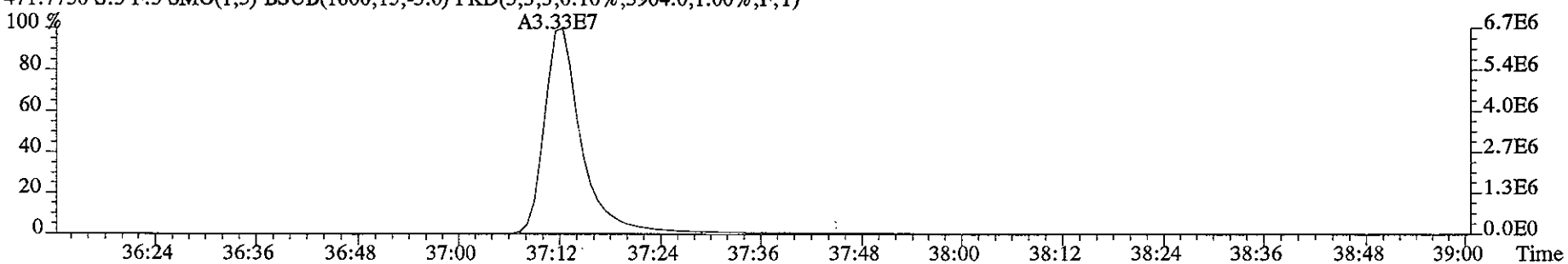
459.7348 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2476.0,1.00%,F,T)



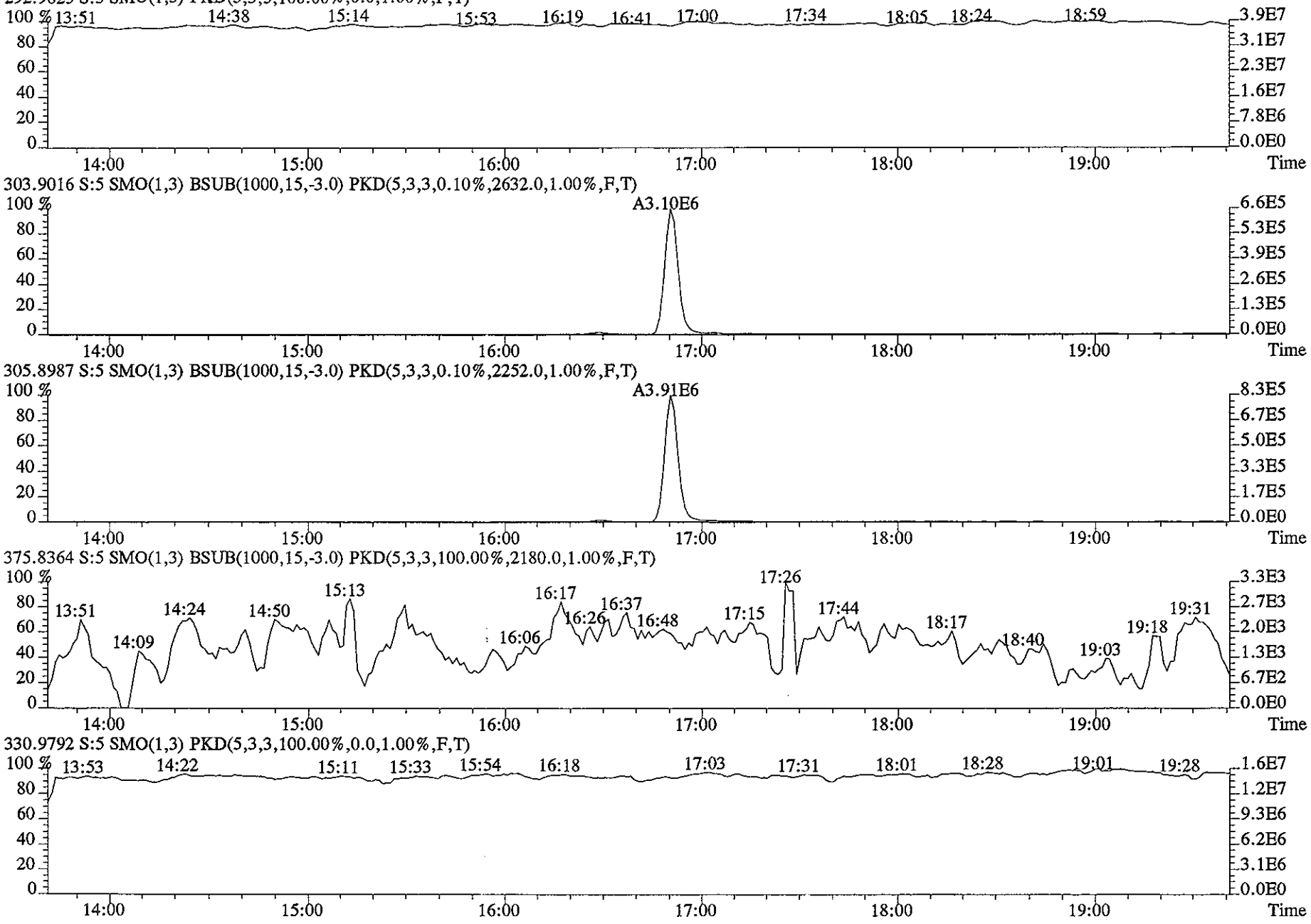
469.7779 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2684.0,1.00%,F,T)



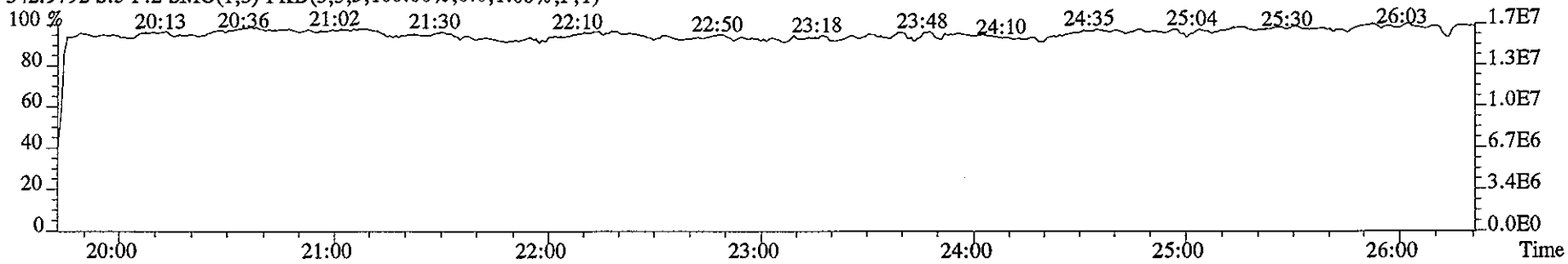
471.7750 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3904.0,1.00%,F,T)



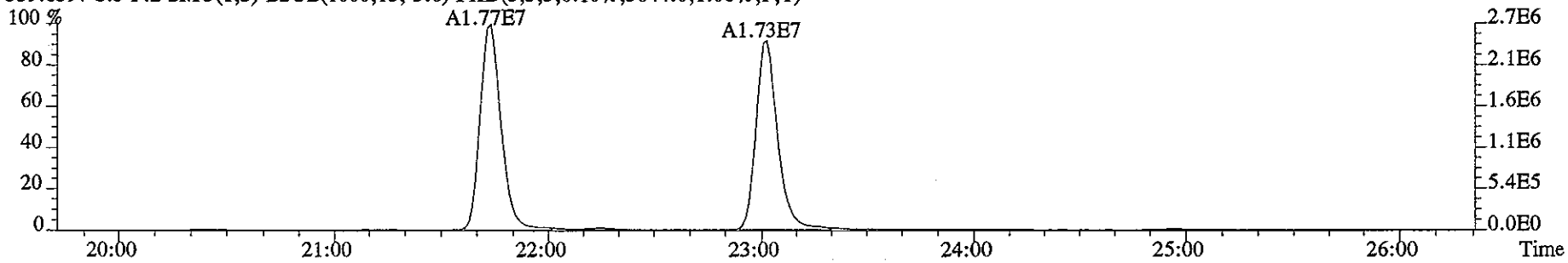
File:09JA068D5 #1-326 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN



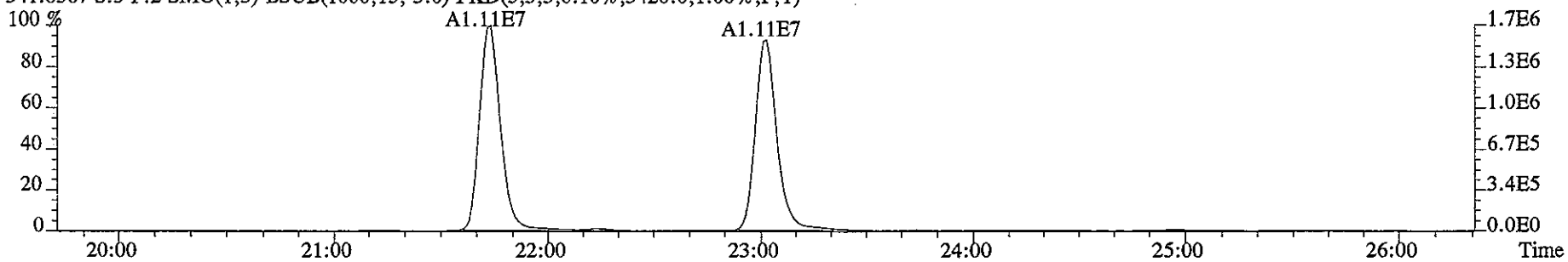
File:09JA068D5 #1-467 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN
342.9792 S:5 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



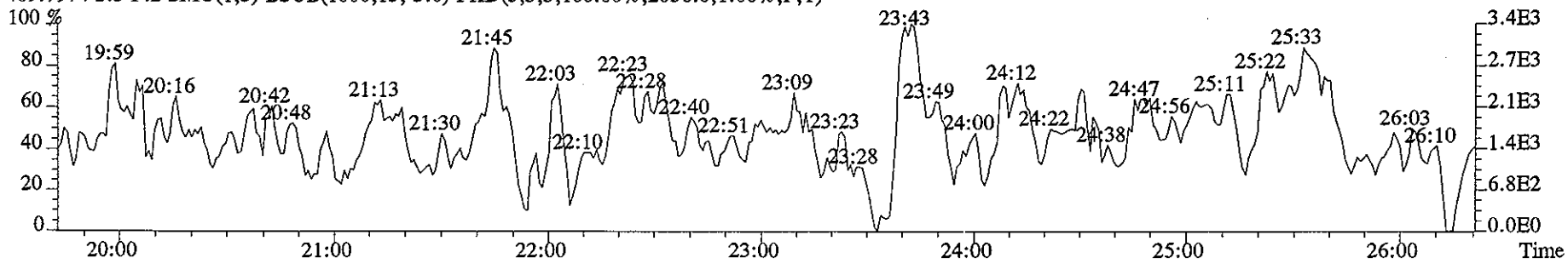
339.8597 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3644.0,1.00%,F,T)



341.8567 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3420.0,1.00%,F,T)

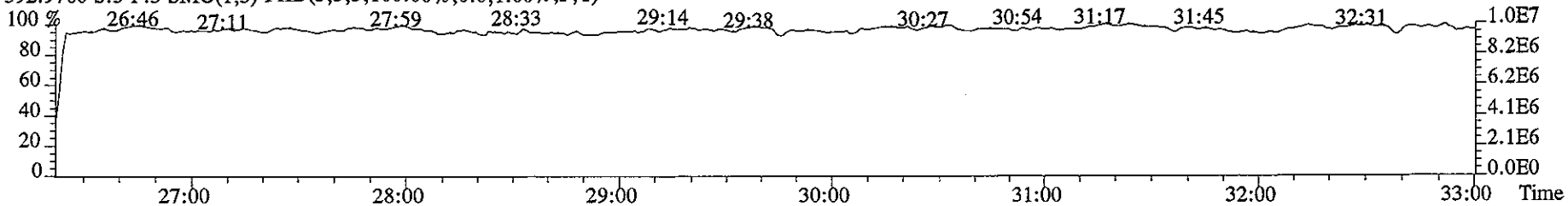


409.7974 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2056.0,1.00%,F,T)

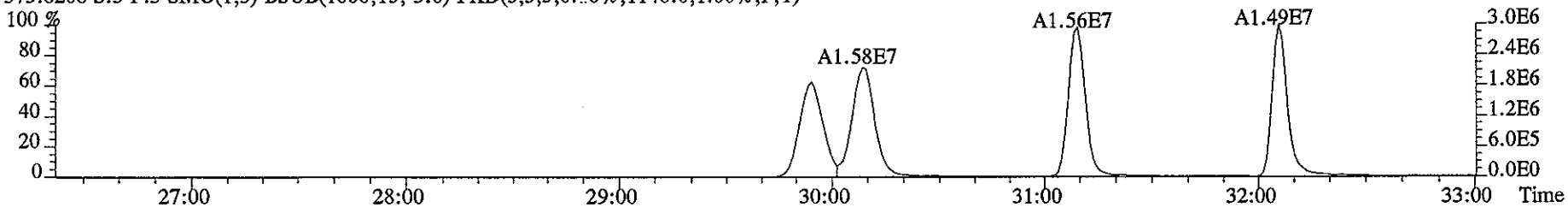


File:09JA068D5 #1-446 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN

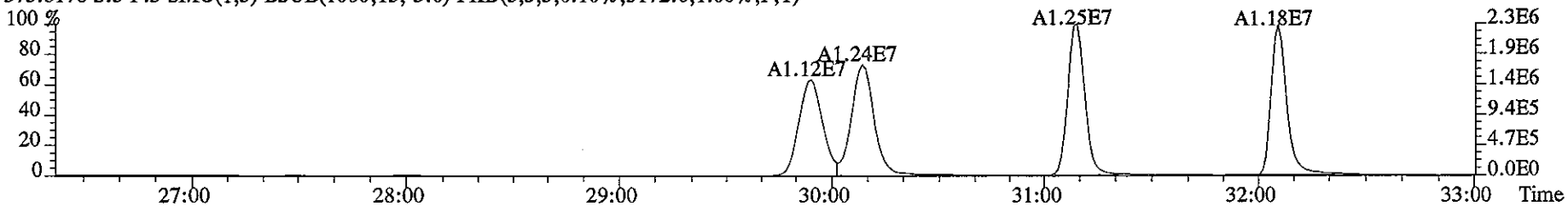
392.9760 S:5 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



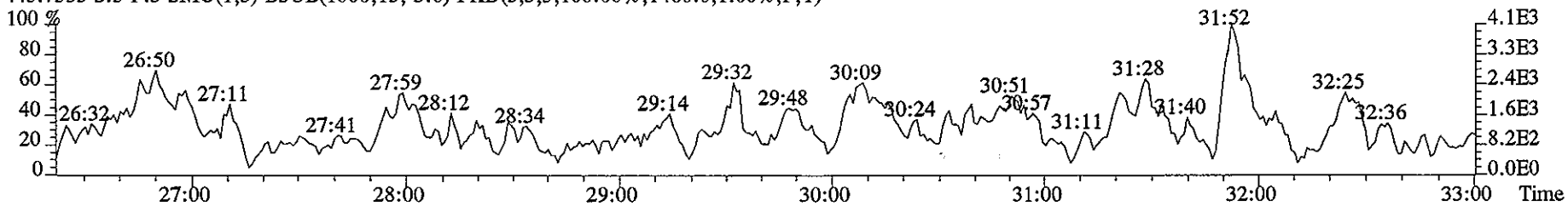
373.8208 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1148.0,1.00%,F,T)



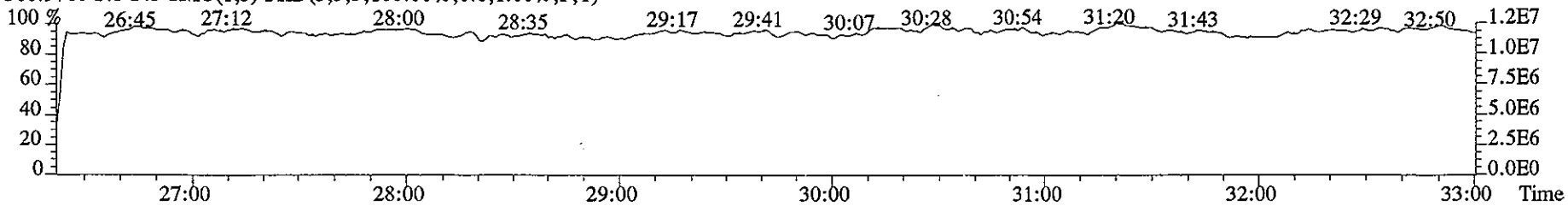
375.8178 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5172.0,1.00%,F,T)



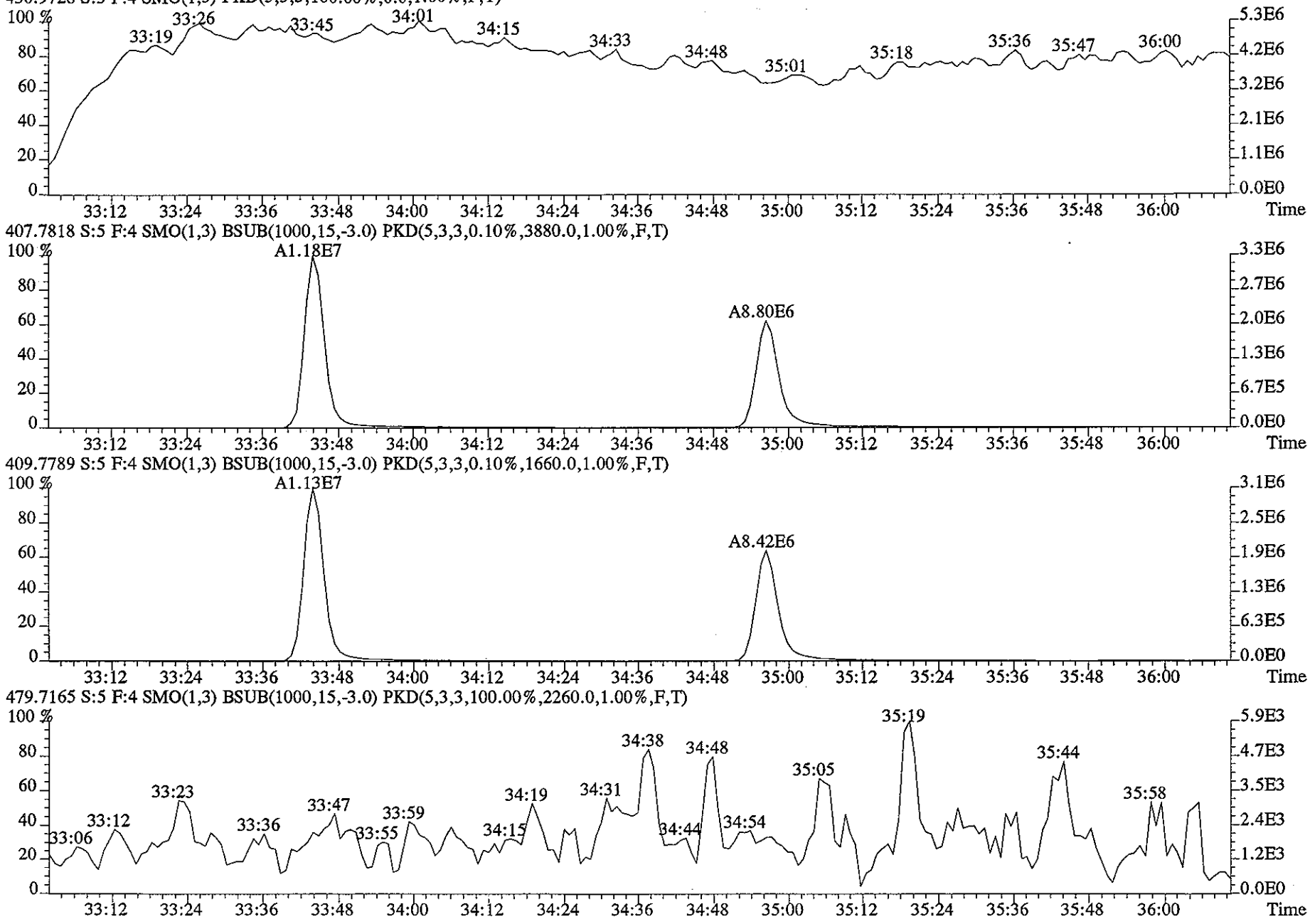
445.7555 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1460.0,1.00%,F,T)



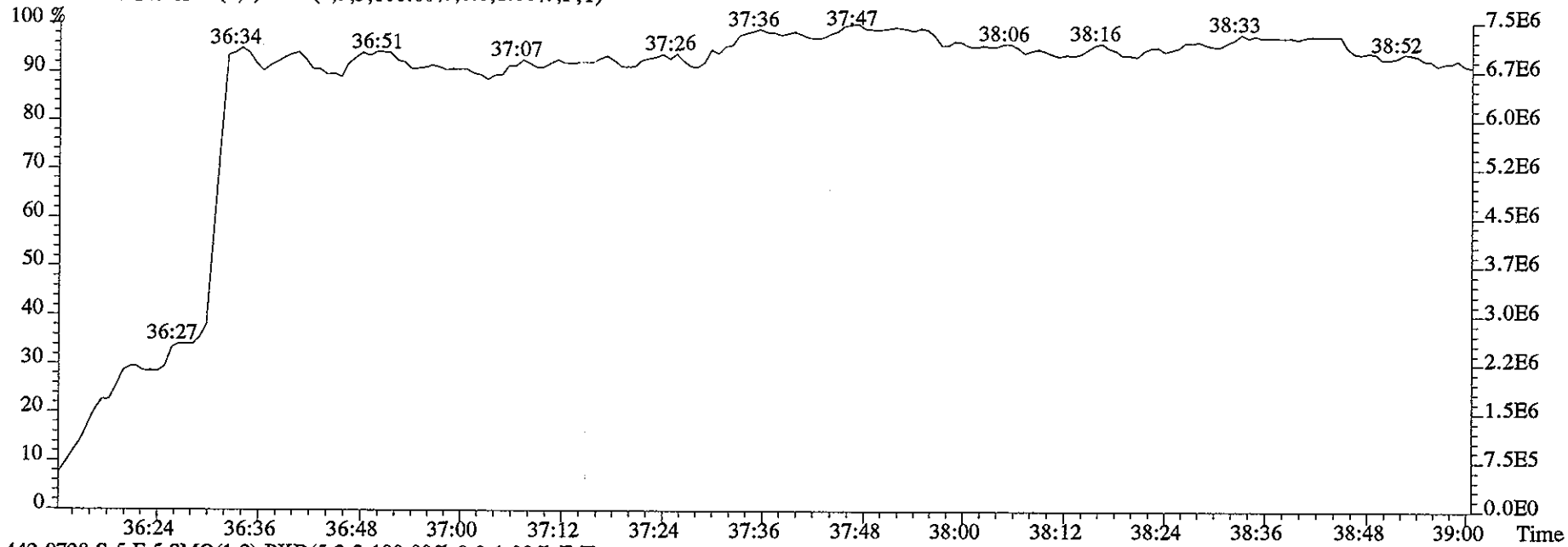
380.9760 S:5 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



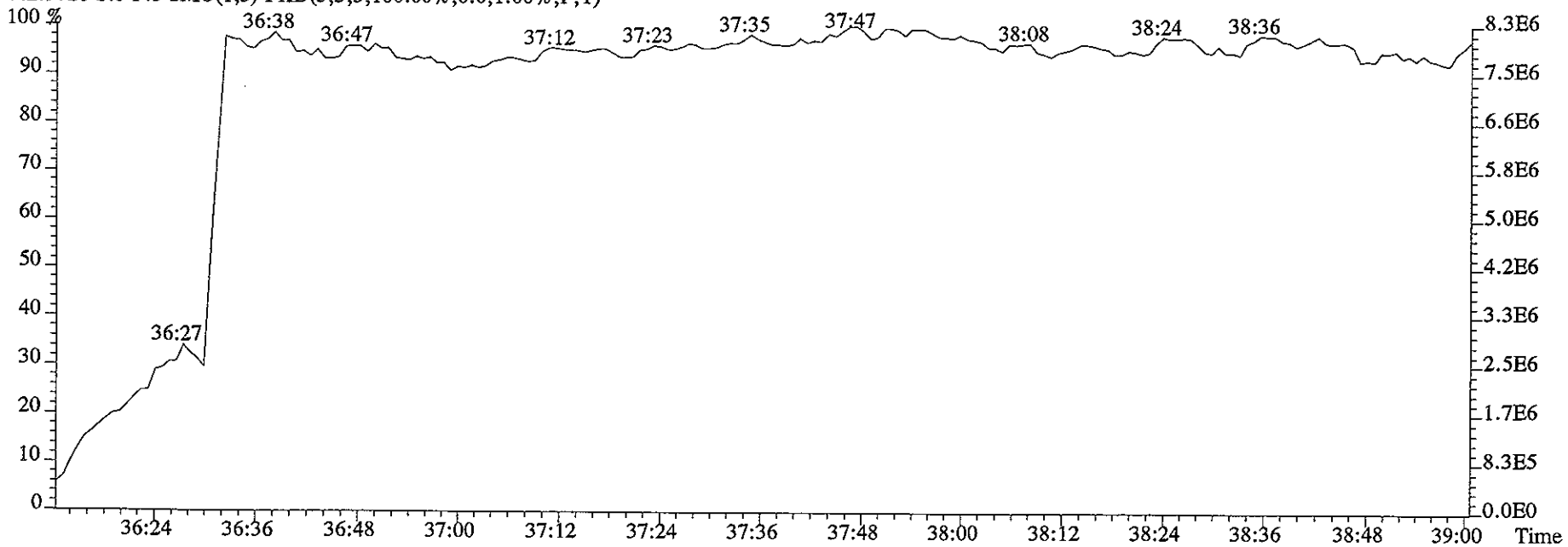
File:09JA068D5 #1-222 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN



File:09JA068D5 #1-203 Acq: 9-JAN-2006 18:14:44 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:HT6XH-1-AC :G6A050000-463C Exp:DIOXIN
454.9728 S:5 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:5 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1
Run #9 Filename: 09JA068D5 S: 10 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 21:43:49 Processed: 10-JAN-06 08:11:12
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	60116400	0.82	y	17:20	-	8.32	-	-	n
13C-2,3,7,8-TCDF	75352900	0.81	y	16:50	1.56	161.18	0.15	80.6	n
2,3,7,8-TCDF	4717560	0.77	y	16:51	1.00	12.52 Sec DB225	0.23	-	n
Total TCDF	140790283	0.69	y	13:51	1.00	~~373.59~~ 234.29	0.23	-	y
13C-2,3,7,8-TCDD	42978900	0.80	y	17:31	0.92	155.04	0.25	77.5	n
2,3,7,8-TCDD	448241	0.75	y	17:32	1.28	1.63	0.22	-	n
Total TCDD	6054121	0.97	n	15:22	1.28	~~22.01~~ 20.24	0.22	-	n
37Cl-2,3,7,8-TCDD	46558400	1.00	y	17:32	2.42	64.04	0.08	80.1	n
13C-1,2,3,7,8-PeCDF	66323100	1.57	y	21:41	1.34	164.65	0.21	82.3	n
1,2,3,7,8-PeCDF	3081880	1.62	y	21:43	0.95	9.77	0.32	-	n
2,3,4,7,8-PeCDF	9732090	1.62	y	23:00	1.00	29.42	0.30	-	n
Total F2 PeCDF	282012800	1.53	y	19:57	0.97	~~872.34~~	0.31	-	y
Total F1 PeCDF	53633079	0.57	n	14:46	0.97	~~165.99~~ 954.66	0.29	-	n
13C-1,2,3,7,8-PeCDD	35973600	1.57	y	23:41	0.88	135.35	0.23	67.7	n
1,2,3,7,8-PeCDD	1073795	1.57	y	23:43	1.02	5.86	0.49	-	n
Total PeCDD	10546818	1.61	y	20:37	1.02	~~57.53~~ 50.78	0.49	-	y
13C-1,2,3,7,8,9-HxCDD	52811700	1.27	y	31:52	-	7.37	-	-	n
13C-1,2,3,4,7,8-HxCDF	47980600	0.53	y	29:53	1.12	162.69	0.28	81.3	n
1,2,3,4,7,8-HxCDF	4985440	1.27	y	29:54	1.08	19.16	0.39	-	y
1,2,3,6,7,8-HxCDF	13137230	1.27	y	30:09	1.20	45.55	0.35	-	y
2,3,4,6,7,8-HxCDF	10143350	1.29	y	31:09	1.09	38.70	0.39	-	n
1,2,3,7,8,9-HxCDF	318983	1.24	y	32:07	1.04	1.27 DL	0.41	-	y
Total HxCDF	273008529	1.28	y	27:09	1.11	~~1026.05~~ 1624.78	0.39	-	y
13C-1,2,3,6,7,8-HxCDD	40047900	1.29	y	31:30	0.96	158.37	0.24	79.2	n
1,2,3,4,7,8-HxCDD	431339	1.21	y	31:24	0.87	2.47 R	0.37	-	n
1,2,3,6,7,8-HxCDD	1357150	1.27	y	31:31	0.97	7.02	0.33	-	n
1,2,3,7,8,9-HxCDD	707661	1.29	y	31:53	1.00	3.54 J	0.32	-	y
Total HxCDD	15010911	1.23	y	28:39	0.95	~~79.08~~ 74.61	0.34	-	y
13C-1,2,3,4,6,7,8-HpCDF	38071900	0.46	y	33:44	0.94	153.60	0.48	76.8	n
1,2,3,4,6,7,8-HpCDF	9347730	1.10	y	33:45	1.31	37.55	0.18	-	n
1,2,3,4,7,8,9-HpCDF	1827821	1.14	y	34:56	1.16	8.28	0.20	-	n
Total HpCDF	23743209	1.19	y	33:36	1.23	~~99.34~~ 96.97	0.19	-	n
13C-1,2,3,4,6,7,8-HpCDD	39555200	1.02	y	34:37	0.87	172.39	0.44	86.2	n
1,2,3,4,6,7,8-HpCDD	4538100	1.01	y	34:37	0.94	24.30	0.26	-	n
Total HpCDD	8589760	1.05	y	34:01	0.94	46.00	0.26	-	n
13C-OCDD	50815200	0.89	y	37:14	0.74	259.96	0.41	65.0	n

OCDF	1907092	0.87	y	37:20	1.21	12.42	0.44	-	n
OCDD	10604460	0.88	y	37:14	0.98	85.51	0.64	-	n

Run text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1
Run #9 Filename: 09JA068D5 S: 10 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 21:43:49 Processed: 10-JAN-06 08:11:12
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

TDL = 0.5, 2.5, 5

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	60116400	0.82	y	17:20	-	8.32	-	-	n
13C-2,3,7,8-TCDF	75352900	0.81	y	16:50	1.56	161.18	0.15	80.6	n
2,3,7,8-TCDF	4717560	0.77	y	16:51	1.00	12.52	0.23	-	n
Total TCDF	140790283	0.69	y	13:51	1.00	~~373.59~~ ~~361.09~~ 234.29	0.23	-	y
13C-2,3,7,8-TCDD	42978900	0.80	y	17:31	0.92	155.04	0.25	77.5	n
2,3,7,8-TCDD	448241	0.75	y	17:32	1.28	1.63	0.22	-	n
Total TCDD	6054121	0.97	n	15:22	1.28	~~22.01~~ ~~9.45~~ 20.24	0.22	-	n
37Cl-2,3,7,8-TCDD	46558400	1.00	y	17:32	2.42	64.04	0.08	80.1	n
13C-1,2,3,7,8-PeCDF	66323100	1.57	y	21:41	1.34	164.65	0.21	82.3	n
1,2,3,7,8-PeCDF	3081880	1.62	y	21:43	0.95	9.77	0.32	-	n
2,3,4,7,8-PeCDF	9732090	1.62	y	23:00	1.00	29.42	0.30	-	n
Total F2 PeCDF	282012800	1.53	y	19:57	0.97	872.34 ~~862.97~~	0.31	-	y
Total F1 PeCDF	53633079	0.57	n	14:46	0.97	165.99 ~~155.96~~ ~~1018.93~~	0.29	-	n
13C-1,2,3,7,8-PeCDD	35973600	1.57	y	23:41	0.88	135.35 954.66	0.23	67.7	n
1,2,3,7,8-PeCDD	1073795	1.57	y	23:43	1.02	5.86	0.49	-	n
Total PeCDD	10546818	1.61	y	20:37	1.02	~~57.53~~ ~~50.79~~ 50.78	0.49	-	y
13C-1,2,3,7,8,9-HxCDD	52811700	1.27	y	31:52	-	7.37	-	-	n
13C-1,2,3,4,7,8-HxCDF	47980600	0.53	y	29:53	1.12	162.69	0.28	81.3	n
1,2,3,4,7,8-HxCDF	8644700	1.25	y	29:54	1.08	~~33.22~~ 14.16	0.39	-	n
1,2,3,6,7,8-HxCDF	13151450	1.27	y	30:09	1.20	45.60	0.35	-	n
2,3,4,6,7,8-HxCDF	10143350	1.29	y	31:09	1.09	38.70	0.39	-	n
1,2,3,7,8,9-HxCDF	4874460	1.26	y	32:11	1.04	~~19.47~~ 1.27 DL	0.41	-	n
Total HxCDF	276831603	1.28	y	27:09	1.11	~~1041.74~~ ~~1038.67~~ ~~+25~~ 1024.78	0.39	-	n
13C-1,2,3,6,7,8-HxCDD	40047900	1.29	y	31:30	0.96	158.37	0.24	79.2	n
1,2,3,4,7,8-HxCDD	431339	1.21	y	31:24	0.87	2.47 = DL	0.37	-	n
1,2,3,6,7,8-HxCDD	1357150	1.27	y	31:31	0.97	7.02	0.33	-	n
1,2,3,7,8,9-HxCDD	1090394	1.22	y	31:53	1.00	~~5.45~~ 3.545	0.32	-	n
Total HxCDD	15079531	1.23	y	28:39	0.95	~~79.34~~ ~~39.65~~ 74.61	0.34	-	n
13C-1,2,3,4,6,7,8-HpCDF	38071900	0.46	y	33:44	0.94	153.60	0.48	76.8	n
1,2,3,4,6,7,8-HpCDF	9347730	1.10	y	33:45	1.31	37.55	0.18	-	n
1,2,3,4,7,8,9-HpCDF	1827821	1.14	y	34:56	1.16	8.28	0.20	-	n
Total HpCDF	23743209	1.19	y	33:36	1.23	~~99.34~~ 96.97	0.19	-	n
13C-1,2,3,4,6,7,8-HpCDD	39555200	1.02	y	34:37	0.87	172.39	0.44	86.2	n
1,2,3,4,6,7,8-HpCDD	4538100	1.01	y	34:37	0.94	24.30	0.26	-	n
Total HpCDD	8589760	1.05	y	34:01	0.94	46.00	0.26	-	n
13C-OCDD	50815200	0.89	y	37:14	0.74	259.96	0.41	65.0	n

AK 1/16/06

OCDF	1907092	0.87	y	37:20	1.21	12.42	0.44	-	n
OCDD	10604460	0.88	y	37:14	0.98	85.51	0.64	-	n

Run text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1
Run #9 Filename: 09JA068D5 S: 10 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 21:43:49 Processed: 10-JAN-06 08:11:12
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000┐g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	60116400	0.82	y	17:20	-	8.32	-	-	n
13C-2,3,7,8-TCDF	75352900	0.81	y	16:50	1.56	161.18	0.15	80.6	n
2,3,7,8-TCDF	4717560	0.77	y	16:51	1.00	12.52	0.23	-	n
Total TCDF	141072674	0.69	y	13:51	1.00	374.34	0.23	-	n
13C-2,3,7,8-TCDD	42978900	0.80	y	17:31	0.92	155.04	0.25	77.5	n
2,3,7,8-TCDD	448241	0.75	y	17:32	1.28	1.63	0.22	-	n
Total TCDD	6054121	0.97	n	15:22	1.28	22.01	0.22	-	n
37Cl-2,3,7,8-TCDD	46558400	1.00	y	17:32	2.42	64.04	0.08	80.1	n
13C-1,2,3,7,8-PeCDF	66323100	1.57	y	21:41	1.34	164.65	0.21	82.3	n
1,2,3,7,8-PeCDF	3081880	1.62	y	21:43	0.95	9.77	0.32	-	n
2,3,4,7,8-PeCDF	9732090	1.62	y	23:00	1.00	29.42	0.30	-	n
Total F2 PeCDF	282089026	1.53	y	19:57	0.97	872.57	0.31	-	n
Total F1 PeCDF	53633079	0.57	n	14:46	0.97	165.99	0.29	-	n
13C-1,2,3,7,8-PeCDD	35973600	1.57	y	23:41	0.88	135.35	0.23	67.7	n
1,2,3,7,8-PeCDD	1073795	1.57	y	23:43	1.02	5.86	0.49	-	n
Total PeCDD	10435029	1.61	y	20:37	1.02	56.92	0.49	-	n
13C-1,2,3,7,8,9-HxCDD	52811700	1.27	y	31:52	-	7.37	-	-	n
13C-1,2,3,4,7,8-HxCDF	47980600	0.53	y	29:53	1.12	162.69	0.28	81.3	n
1,2,3,4,7,8-HxCDF	8644700	1.25	y	29:54	1.08	33.22	0.39	-	n
1,2,3,6,7,8-HxCDF	13151450	1.27	y	30:09	1.20	45.60	0.35	-	n
2,3,4,6,7,8-HxCDF	10143350	1.29	y	31:09	1.09	38.70	0.39	-	n
1,2,3,7,8,9-HxCDF	4874460	1.26	y	32:11	1.04	19.47	0.41	-	n
Total HxCDF	276831603	1.28	y	27:09	1.11	1041.74	0.39	-	n
13C-1,2,3,6,7,8-HxCDD	40047900	1.29	y	31:30	0.96	158.37	0.24	79.2	n
1,2,3,4,7,8-HxCDD	431339	1.21	y	31:24	0.87	2.47	0.37	-	n
1,2,3,6,7,8-HxCDD	1357150	1.27	y	31:31	0.97	7.02	0.33	-	n
1,2,3,7,8,9-HxCDD	1090394	1.22	y	31:53	1.00	5.45	0.32	-	n
Total HxCDD	15079531	1.23	y	28:39	0.95	79.34	0.34	-	n
13C-1,2,3,4,6,7,8-HpCDF	38071900	0.46	y	33:44	0.94	153.60	0.48	76.8	n
1,2,3,4,6,7,8-HpCDF	9347730	1.10	y	33:45	1.31	37.55	0.18	-	n
1,2,3,4,7,8,9-HpCDF	1827821	1.14	y	34:56	1.16	8.28	0.20	-	n
Total HpCDF	23743209	1.19	y	33:36	1.23	99.34	0.19	-	n
13C-1,2,3,4,6,7,8-HpCDD	39555200	1.02	y	34:37	0.87	172.39	0.44	86.2	n
1,2,3,4,6,7,8-HpCDD	4538100	1.01	y	34:37	0.94	24.30	0.26	-	n
Total HpCDD	8589760	1.05	y	34:01	0.94	46.00	0.26	-	n
13C-OCDD	50815200	0.89	y	37:14	0.74	259.96	0.41	65.0	n
OCDF	1907092	0.87	y	37:20	1.21	12.42	0.44	-	n
OCDD	10604460	0.88	y	37:14	0.98	85.51	0.64	-	n

Totals Results STL Sacramento

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? yes #Hom:24
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount: 3735.92 of which 125.18 named and 3610.74 unnamed
Conc: 373.59 of which 12.52 named and 361.07 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	13:51	0.69	y	0.18	27693	1.4	n	n
						40141	4.7	y	n
	2	14:29	0.83	y	0.31	52839	3.0	y	n
						63606	8.2	y	n
	3	14:47	0.75	y	15.43	2493900	141.5	y	n
						3321410	404.4	y	n
	4	14:58	0.75	y	28.56	4614480	265.1	y	n
						6148840	754.4	y	n
	5	15:12	0.71	y	1.66	260031	13.8	y	n
						364649	40.2	y	n
	6	15:18	0.78	y	1.12	184507	11.4	y	n
						237792	31.6	y	n
	7	15:28	0.77	y	18.85	3082710	156.1	y	n
						4020000	436.7	y	n
	8	15:40	0.75	y	58.09	9392040	482.1	y	n
						12498700	1388.2	y	n
	9	15:58	0.76	y	70.55	11450400	622.0	y	n
						15135900	1745.9	y	n
	10	16:09	0.74	y	8.14	1304990	48.3	y	n
						1763390	140.2	y	n
	11	16:28	0.77	y	22.05	3608200	185.8	y	y
						4702610	526.2	y	y
	12	16:33	0.77	y	10.03	1643570	88.4	y	y
						2135080	246.4	y	y
2,3,7,8-TCDF	13	16:51	0.77	y	12.52	2046390	93.7	y	n
						2671170	271.0	y	n
	14	17:15	0.83	y	3.19	545955	25.5	y	n
						656209	64.1	y	n
	15	17:28	0.72	y	2.32	366196	14.2	y	n
						508031	43.5	y	n

16	17:42	0.73	y	1.61	256518	11.5	y	n
					350125	33.9	y	n
17	17:59	0.76	y	79.84	12953800	642.1	y	n
					17134000	1819.4	y	n
18	18:19	0.77	y	22.82	3729030	179.4	y	n
					4870350	513.0	y	n
19	18:36	0.78	y	2.24	369732	18.0	y	n
					473208	47.5	y	n
20	18:46	0.79	y	1.31	216481	9.8	y	n
					275357	26.7	y	n
21	18:55	0.82	y	1.81	306031	12.6	y	n
					374983	38.8	y	n
22	19:04	0.69	y	5.38	827006	37.4	y	n
					1202160	118.6	y	n
23	19:15	0.76	y	5.32	868038	38.4	y	n
					1135860	108.4	y	n
24	19:28	0.68	y	0.28	43113	1.9	n	n
					63062	5.8	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:13
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	220.08 of which	16.29 named and	203.79 unnamed
Conc:	22.01 of which	1.63 named and	20.38 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:22	0.97	n	0.53	79700	9.3	y	n
						82587	8.8	y	n
	2	15:39	0.83	y	1.42	176222	20.5	y	n
						213307	22.5	y	n
	3	15:52	0.64	n	0.50	59635	6.5	y	n
						93720	9.2	y	n
	4	16:25	0.77	y	7.83	938839	93.0	y	n
						1214950	107.9	y	n
	5	16:40	0.89	n	1.54 JA	214145	10.5	y	n
						239633	11.9	y	n
	6	17:01	0.79	y	2.37	287695	32.0	y	n
						364505	35.0	y	n
	7	17:17	0.79	y	0.69	83113	8.1	y	n
						105345	8.9	y	n
	8	17:25	0.83	y	2.92	362791	34.8	y	n
						439734	41.0	y	n
2,3,7,8-TCDD	9	17:32	0.75	y	1.63	191914	22.6	y	n
						256327	23.1	y	n
	10	17:41	0.99	n	0.20	30601	3.1	y	n
						30955	2.5	n	n
	11	17:53	0.84	y	1.84	230737	25.1	y	n
						275485	25.6	y	n
	12	18:07	0.98	n	0.11	16281	1.9	n	n
						16536	1.4	n	n
	13	18:36	0.64	n	0.44	52937	5.6	y	n
						82428	6.5	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? yes #Hom:16
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49

Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	8723.35 of which	391.88 named and	8331.47 unnamed
Conc:	872.34 of which	39.19 named and	833.15 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	19:57	1.53	y	0.84	104559	7.6	y	n
						68410	6.2	y	n
	2	20:14	1.93	n	0.68	167338	13.0	y	n
						86771	8.7	y	n
	3	20:25	1.59	y	376.85	74701500	3902.4	y	n
						47064100	3128.7	y	n
	4	20:38	1.69	y	7.39	1501600	80.8	y	n
						886189	62.8	y	n
	5	20:55	1.62	y	31.80 DPE	6351830	365.1	y	n
						3923700	287.7	y	n
	6	21:09	1.57	y	93.97	18549200	1077.3	y	y
						11814500	862.1	y	y
	7	21:14	1.58	y	15.08	2984780	242.1	y	y
						1886660	193.4	y	y
	8	21:35	1.38	y	2.46	460629	30.3	y	n
						333795	24.3	y	n
1,2,3,7,8-PeCDF	9	21:43	1.62	y	9.77	1905850	99.8	y	n
						1176030	81.4	y	n
	10	22:04	1.61	y	17.51 DPE	3487650	193.6	y	n
						2169650	150.6	y	y
	11	22:12	1.59	y	56.88	11287000	571.3	y	n
						7091670	454.2	y	y
	12	22:24	1.62	y	2.18	435070	18.6	y	n
						267887	15.1	y	n
2,3,4,7,8-PeCDF	13	23:00	1.62	y	29.42	6011430	298.6	y	n
						3720660	237.5	y	n
	14	23:20	1.60	y	205.84	40972700	1968.9	y	n
						25538000	1562.6	y	n
	15	23:35	1.39	y	3.50 AK 1-16-05	658679	29.8	y	n
					3.50	472617	28.7	y	n
	16	24:50	1.59	y	18.46 DPE	3660020	153.0	y	n
						2305170	123.4	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:7
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	1659.90 of which	* named and	1659.90	unnamed
Conc:	165.99 of which	* named and	165.99	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:46	0.57	n	3.54	695670	67.5	y	n
						1218750	119.4	y	n
	2	15:30	0.55	n	0.27	52893	4.6	y	n
						96073	8.2	y	n
	3	16:32	0.70	n	2.98	585281	48.5	y	n
						833225	69.7	y	n
	4	17:58	1.30	n	2.47	485498	38.8	y	n
						373821	30.2	y	n
	5	18:19	1.17	n	0.63	123162	8.3	y	n
						105444	5.7	y	n
	6	18:33	0.58	n	0.14	27138	2.4	n	n
						46586	3.0	n	n
	7	18:55	1.59	y	155.96	30969500	2353.1	y	n
						19423200	1475.5	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? yes #Hom:11
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	575.26 of which	58.57 named and	516.70	unnamed
Conc:	57.53 of which	5.86 named and	51.67	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:37	1.61	y	14.65	1654750	127.1	y	n
						1030780	87.4	y	n
	2	21:19	1.58	y	0.80	89882	6.7	y	n
						56914	4.5	y	n
	3	21:45	1.60	y	6.10	687185	47.6	y	n
						430648	33.1	y	n
	4	21:59	1.68	y	7.15	821628	55.8	y	n

						489500	39.0	y	n
	5	22:16	1.53	y	5.96	660078	42.9	y	n
						431751	31.9	y	n
	6	22:35	1.46	y	0.75	81620	6.8	y	y
						55715	4.9	y	y
	7	22:46	1.65	y	11.07	1262280	64.8	y	y
						766496	45.8	y	y
	8	23:07	1.49	y	1.60	175848	11.2	y	n
						117783	8.3	y	n
1,2,3,7,8-PeCDD	9	23:43	1.57	y	5.86	655913	37.8	y	n
						417882	27.6	y	n
	10	24:01	1.51	y	1.20	132671	7.5	y	n
						88028	5.7	y	n
	11	24:40	1.85	n	2.40	318240	19.3	y	n
						172339	12.1	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:13
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	10417.45	of which	1369.86	named and	9047.59	unnamed			
Conc:	1041.74	of which	136.99	named and	904.76	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:09	1.28	y	62.74	9346140	426.7	y	n
						7298910	569.7	y	n
	2	27:30	1.26	y	368.04	54529300	2295.3	y	n
						43106800	3106.0	y	n
	3	28:19	1.26	y	7.32	1082090	44.7	y	n
						859636	60.9	y	n
	4	28:48	1.28	y	383.92	57190300	2268.5	y	n
						44658600	3058.7	y	n
	5	29:15	1.35	y	11.25 DLC	1712450	65.3	y	n
						1273140	83.8	y	n
1,2,3,4,7,8-HxCDF	6	29:54	1.25	y	33.22	4810400	203.5	y	n
						3834300	280.6	y	n
1,2,3,6,7,8-HxCDF	7	30:09	1.27	y	45.60	7354120	375.9	y	n
						5797330	505.8	y	n
	8	30:41	1.11	y	1.82	254131	12.1	y	n
						228989	21.4	y	n
	9	31:02	1.26	y	68.40	10127700	680.6	y	n
						8017860	925.0	y	n
2,3,4,6,7,8-HxCDF	10	31:09	1.29	y	38.70	5720140	397.4	y	n
						4423210	530.6	y	n
1,2,3,7,8,9-HxCDF	11	32:11	1.26	y	19.47	2717850	215.1	y	n
						2156610	300.0	y	n
	12	32:26	1.19	y	0.70	100433	9.1	y	n
						84674	13.2	y	n
	13	32:54	1.32	y	0.55	83241	8.4	y	n
						63250	10.5	y	n

See pg 6A

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:7
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? yes #Hom:11
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount: 10260.49 of which 1046.81 named and 9213.68 unnamed
Conc: 1026.05 of which 104.68 named and 921.37 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:09	1.28	y	62.74	9346140	426.7	y	n
						7298910	569.7	y	n
	2	27:30	1.26	y	368.04	54529300	2295.3	y	n
						43106800	3106.0	y	n
	3	28:19	1.26	y	7.32	1082090	44.7	y	n
						859636	60.9	y	n
	4	28:48	1.28	y	383.92	57190300	2268.5	y	n
						44658600	3058.7	y	n
	5	29:53	1.25	y	13.83	2036400	184.0	y	y
						1631180	254.7	y	y
1,2,3,4,7,8-HxCDF	6	29:54	1.27	y	19.16	2788510	203.6	y	y
						2196930	280.5	y	y
1,2,3,6,7,8-HxCDF	7	30:09	1.27	y	45.55	7339900	376.1	y	y
						5797330	505.8	y	n
	8	31:02	1.26	y	68.40	10127700	680.6	y	n
						8017860	925.0	y	n
2,3,4,6,7,8-HxCDF	9	31:09	1.29	y	38.70	5720140	397.4	y	n
						4423210	530.6	y	n
1,2,3,7,8,9-HxCDF	10	32:07	1.24	y	1.27	176689	19.2	y	y
						142294	27.8	y	y
	11	32:11	1.26	y	17.11	2533530	214.8	y	y
						2005080	299.5	y	y

PS

6A

Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	793.35 of which	149.33 named and	644.02	unnamed
Conc:	79.34 of which	14.93 named and	64.40	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:39	1.23	y	19.44 OOW	2032050	100.7	y	n
						1651080	85.1	y	n
	2	30:00	1.21	y	8.22	853489	48.5	y	n
						703797	45.7	y	n
	3	30:29	1.26	y	36.39	3837640	254.0	y	n
						3057160	213.4	y	n
	4	30:44	1.16	y	0.35	35162	3.0	y	n
						30270	2.1	n	n
1,2,3,4,7,8-HxCDD	5	31:24	1.21	y	2.47	236004	22.1	y	n
						195335	18.8	y	n
1,2,3,6,7,8-HxCDD	6	31:31	1.27	y	7.02	759985	71.6	y	n
						597165	60.9	y	n
1,2,3,7,8,9-HxCDD	7	31:53	1.22	y	5.45	600127	50.0	y	n
						490267	41.7	y	n

See Pg 7A

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Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:5
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	993.45 of which	458.29 named and	535.16	unnamed
Conc:	99.34 of which	45.83 named and	53.52	unnamed

-2.37

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:36	1.19	y	0.27	33914	5.3	y	n
						28520	4.4	y	n
1,2,3,4,6,7,8-HpCDF	2	33:45	1.10	y	37.55	4899310	679.2	y	n
						4448420	603.6	y	n
	3	33:56	1.07	y	2.10	255132	33.8	y	n
						237552	30.6	y	n
	4	34:04	1.05	y	51.15	6142220	819.8	y	n
						5870320	779.8	y	n
1,2,3,4,7,8,9-HpCDF	5	34:56	1.14	y	8.28	972940	121.3	y	n
						854881	105.8	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? yes #Hom:7
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	790.81	of which	130.21	named and	660.60	unnamed			
Conc:	79.08	of which	13.02	named and	66.06	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:39	1.23	y	19.44	2032050	100.7	y	n
						1651080	85.1	y	n
	2	30:00	1.21	y	8.22	853489	48.5	y	n
						703797	45.7	y	n
	3	30:29	1.26	y	36.39	3837640	254.0	y	n
						3057160	213.4	y	n
1,2,3,4,7,8-HxCDD	4	31:24	1.21	y	2.47	236004	22.1	y	n
						195335	18.8	y	n
1,2,3,6,7,8-HxCDD	5	31:31	1.27	y	7.02	759985	71.6	y	n
						597165	60.9	y	n
	6	31:51	1.11	y	2.00	199370	34.4	y	y
						180175	32.6	y	y
1,2,3,7,8,9-HxCDD	7	31:53	1.29	y	3.54	398314	49.9	y	y
						309347	41.7	y	y

PS & 7A

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:2
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	460.04 of which	243.05 named and	217.00 unnamed
Conc:	46.00 of which	24.30 named and	21.70 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	34:01	1.05	y	21.70	2075550	246.5	y	n
						1976110	263.7	y	n
1,2,3,4,6,7,8-HpCDD	2	34:37	1.01	y	24.30	2284370	263.4	y	n
						2253730	297.0	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:23
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount: 3743.42 of which 125.18 named and 3618.23 unnamed
Conc: 374.34 of which 12.52 named and 361.82 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	13:51	0.69	y	0.18	27693	1.4	n	n
						40141	4.7	y	n
	2	14:29	0.83	y	0.31	52839	3.0	y	n
						63606	8.2	y	n
	3	14:47	0.75	y	15.43	2493900	141.5	y	n
						3321410	404.4	y	n
	4	14:58	0.75	y	28.56	4614480	265.1	y	n
						6148840	754.4	y	n
	5	15:12	0.71	y	1.66	260032	13.8	y	n
						364648	40.2	y	n
	6	15:18	0.78	y	1.12	184507	11.4	y	n
						237792	31.6	y	n
	7	15:28	0.77	y	18.85	3082710	156.1	y	n
						4020000	436.7	y	n
	8	15:40	0.75	y	58.09	9392040	482.1	y	n
						12498700	1388.2	y	n
	9	15:58	0.76	y	70.55	11450400	622.0	y	n
						15135900	1745.9	y	n
	10	16:09	0.74	y	8.14	1304990	48.3	y	n
						1763390	140.2	y	n
	11	16:28	0.76	y	32.83	5350920	185.0	y	n
						7020920	525.6	y	n
2,3,7,8-TCDF	12	16:51	0.77	y	12.52	2046390	93.7	y	n
						2671170	271.0	y	n
	13	17:15	0.83	y	3.19	545955	25.5	y	n
						656213	64.1	y	n
	14	17:28	0.72	y	2.32	366195	14.2	y	n
						508034	43.5	y	n
	15	17:42	0.73	y	1.61	256517	11.5	y	n
						350129	33.9	y	n

See Page 1B

16	17:59	0.76	y	79.84	12953800	642.1	y	n
					17134000	1819.4	y	n
17	18:19	0.77	y	22.82	3729030	179.4	y	n
					4870350	513.0	y	n
18	18:36	0.78	y	2.24	369732	18.0	y	n
					473209	47.5	y	n
19	18:46	0.79	y	1.31	216481	9.8	y	n
					275357	26.7	y	n
20	18:55	0.82	y	1.81	306031	12.6	y	n
					374983	38.8	y	n
21	19:04	0.69	y	5.38	827006	37.4	y	n
					1202160	118.6	y	n
22	19:15	0.76	y	5.32	868039	38.4	y	n
					1135860	108.4	y	n
23	19:28	0.68	y	0.28	43113	1.9	n	n
					63062	5.8	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:13
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	220.08 of which	16.29 named and	203.79 unnamed
Conc:	22.01 of which	1.63 named and	20.38 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:22	0.97	n	0.53	79700	9.3	y	n
						82587	8.8	y	n
	2	15:39	0.83	y	1.42	176222	20.5	y	n
						213307	22.5	y	n
	3	15:52	0.64	n	0.50	59635	6.5	y	n
						93720	9.2	y	n
	4	16:25	0.77	y	7.83	938839	93.0	y	n
						1214950	107.9	y	n
	5	16:40	0.89	n	1.54	214145	10.5	y	n
						239633	11.9	y	n
	6	17:01	0.79	y	2.37	287695	32.0	y	n
						364505	35.0	y	n
	7	17:17	0.79	y	0.69	83113	8.1	y	n
						105345	8.9	y	n
	8	17:25	0.83	y	2.92	362791	34.8	y	n
						439734	41.0	y	n
2,3,7,8-TCDD	9	17:32	0.75	y	1.63	191914	22.6	y	n
						256327	23.1	y	n
	10	17:41	0.99	n	0.20	30601	3.1	y	n
						30955	2.5	n	n
	11	17:53	0.84	y	1.84	230737	25.1	y	n
						275485	25.6	y	n
	12	18:07	0.98	n	0.11	16281	1.9	n	n
						16536	1.4	n	n
	13	18:36	0.64	n	0.44	52937	5.6	y	n
						82428	6.5	y	n

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Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:15
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? yes #Hom:16
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	8723.35	of which	391.88	named and	8331.47	unnamed			
Conc:	872.34	of which	39.19	named and	833.15	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	19:57	1.53	y	0.54	104559	7.6	y	n	
						68410	6.2	y	n	See AK 1/16/06
	2	20:14	1.93	n	0.68	167338	13.0	y	n	Page 3B
						86771	8.7	y	n	
	3	20:25	1.59	y	376.85	74701500	3902.4	y	n	
						47064100	3128.7	y	n	
	4	20:38	1.69	y	7.39	1501600	80.8	y	n	
						886189	62.8	y	n	
	5	20:55	1.62	y	31.80	6351830	365.1	y	n	
						3923700	287.7	y	n	
	6	21:09	1.57	y	93.97	18549200	1077.3	y	y	
						11814500	862.1	y	y	
	7	21:14	1.58	y	15.08	2984780	242.1	y	y	
						1886660	193.4	y	y	
	8	21:35	1.38	y	2.46	460629	30.3	y	n	
						333795	24.3	y	n	
1,2,3,7,8-PeCDF	9	21:43	1.62	y	9.77	1905850	99.8	y	n	
						1176030	81.4	y	n	
	10	22:04	1.61	y	17.51	3487650	193.6	y	n	
						2169650	150.6	y	y	
	11	22:12	1.59	y	56.88	11287000	571.3	y	n	
						7091670	454.2	y	y	
	12	22:24	1.62	y	2.18	435070	18.6	y	n	
						267887	15.1	y	n	
2,3,4,7,8-PeCDF	13	23:00	1.62	y	29.42	6011430	298.6	y	n	
						3720660	237.5	y	n	
	14	23:20	1.60	y	205.84	40972700	1968.9	y	n	
						25538000	1562.6	y	n	
	15	23:35	1.39	y	3.50	658679	29.8	y	n	
						472617	28.7	y	n	

16	24:50	1.59	y	18.46	3660020	153.0	y	n
					2305170	123.4	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:7
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	1659.90	of which	* named and	1659.90	unnamed
Conc:	165.99	of which	* named and	165.99	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:46	0.57	n	3.54	695670	67.5	y	n
						1218750	119.4	y	n
	2	15:30	0.55	n	0.27	52893	4.6	y	n
						96073	8.2	y	n
	3	16:32	0.70	n	2.98	585281	48.5	y	n
						833225	69.7	y	n
	4	17:58	1.30	n	2.47	485498	38.8	y	n
						373821	30.2	y	n
	5	18:19	1.17	n	0.63	123162	8.3	y	n
						105444	5.7	y	n
	6	18:33	0.58	n	0.14	27138	2.4	n	n
						46586	3.0	n	n
	7	18:55	1.59	y	155.96	30969500	2353.1	y	n
						19423200	1475.5	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:7
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount: 1659.90 of which * named and 1659.90 unnamed
Conc: 165.99 of which * named and 165.99 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:46	0.57	n	3.54	695670	67.5	y	n
						1218750	119.4	y	n
	2	15:30	0.55	n	0.27	52893	4.6	y	n
						96073	8.2	y	n
	3	16:32	0.70	n	2.98	585281	48.5	y	n
						833225	69.7	y	n
	4	17:58	1.30	n	2.47	485498	38.8	y	n
						373821	30.2	y	n
	5	18:19	1.17	n	0.63	123162	8.3	y	n
						105444	5.7	y	n
	6	18:33	0.58	n	0.14	27138	2.4	n	n
						46586	3.0	n	n
	7	18:55	1.59	y	155.96	30969500	2353.1	y	n
						19423200	1475.5	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:10
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount: 569.17 of which 58.57 named and 510.60 unnamed
Conc: 56.92 of which 5.86 named and 51.06 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:37	1.61	y	14.65	1654750	127.1	y	n
						1030780	87.4	y	n
	2	21:19	1.58	y	0.80	89883	6.7	y	n
						56914	4.5	y	n
	3	21:45	1.60	y	6.10	687185	47.6	y	n
						430648	33.1	y	n
	4	21:59	1.68	y	7.15	821628	55.8	y	n

						489500	39.0	y	n
	5	22:16	1.53	y	5.96	660078	42.9	y	n
						431750	31.9	y	n
	6	22:46	1.61	y	11.21	1267740	63.6	y	n
						786579	45.1	y	n
	7	23:07	1.49	y	1.60	175848	11.2	y	n
						117784	8.3	y	n
1,2,3,7,8-PeCDD	8	23:43	1.57	y	5.86	655913	37.8	y	n
						417882	27.6	y	n
	9	24:01	1.51	y	1.20	132671	7.5	y	n
						88028	5.7	y	n
	10	24:40	1.85	n	2.40	318240	19.3	y	n
						172340	12.1	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:13
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount: 10417.45 of which 1369.86 named and 9047.59 unnamed
Conc: 1041.74 of which 136.99 named and 904.76 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	27:09	1.28	y	62.74	9346140	426.7	y	n	
						7298910	569.7	y	n	
	2	27:30	1.26	y	368.04	54529300	2295.3	y	n	
						43106800	3106.0	y	n	
	3	28:19	1.26	y	7.32	1082090	44.7	y	n	
						859636	60.9	y	n	
	4	28:48	1.28	y	383.92	57190300	2268.5	y	n	
						44658600	3058.7	y	n	
	5	29:15	1.35	y	11.25	1712450	65.3	y	n	
						1273140	83.8	y	n	
1,2,3,4,7,8-HxCDF	6	29:54	1.25	y	33.22	4810400	203.5	y	n	
						3834300	280.6	y	n	
1,2,3,6,7,8-HxCDF	7	30:09	1.27	y	45.60	7354120	375.9	y	n	
						5797330	505.8	y	n	
	8	30:41	1.11	y	1.82	254131	12.1	y	n	
						228989	21.4	y	n	
	9	31:02	1.26	y	68.40	10127700	680.6	y	n	
						8017860	925.0	y	n	
2,3,4,6,7,8-HxCDF	10	31:09	1.29	y	38.70	5720140	397.4	y	n	
						4423210	530.6	y	n	
1,2,3,7,8,9-HxCDF	11	32:11	1.26	y	19.47	2717850	215.1	y	n	
						2156610	300.0	y	n	
	12	32:26	1.19	y	0.70	100433	9.1	y	n	
						84674	13.2	y	n	
	13	32:54	1.32	y	0.55	83241	8.4	y	n	
						63250	10.5	y	n	

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:7
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49

Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	793.35 of which	149.33 named and	644.02 unnamed
Conc:	79.34 of which	14.93 named and	64.40 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:39	1.23	y	19.44	2032050	100.7	y	n
						1651080	85.1	y	n
	2	30:00	1.21	y	8.22	853489	48.5	y	n
						703797	45.7	y	n
	3	30:29	1.26	y	36.39	3837640	254.0	y	n
						3057160	213.4	y	n
	4	30:44	1.16	y	0.35	35162	3.0	y	n
						30270	2.1	n	n
1,2,3,4,7,8-HxCDD	5	31:24	1.21	y	2.47	236004	22.1	y	n
						195335	18.8	y	n
1,2,3,6,7,8-HxCDD	6	31:31	1.27	y	7.02	759985	71.6	y	n
						597165	60.9	y	n
1,2,3,7,8,9-HxCDD	7	31:53	1.22	y	5.45	600127	50.0	y	n
						490267	41.7	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:5
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	993.45 of which	458.29 named and	535.16 unnamed
Conc:	99.34 of which	45.83 named and	53.52 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:36	1.19	y	0.27	33914	5.3	y	n
						28520	4.4	y	n
1,2,3,4,6,7,8-HpCDF	2	33:45	1.10	y	37.55	4899310	679.2	y	n
						4448420	603.6	y	n
	3	33:56	1.07	y	2.10	255132	33.8	y	n
						237552	30.6	y	n
	4	34:04	1.05	y	51.15	6142220	819.8	y	n
						5870320	779.8	y	n
1,2,3,4,7,8,9-HpCDF	5	34:56	1.14	y	8.28	972940	121.3	y	n
						854881	105.8	y	n

Run Text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1

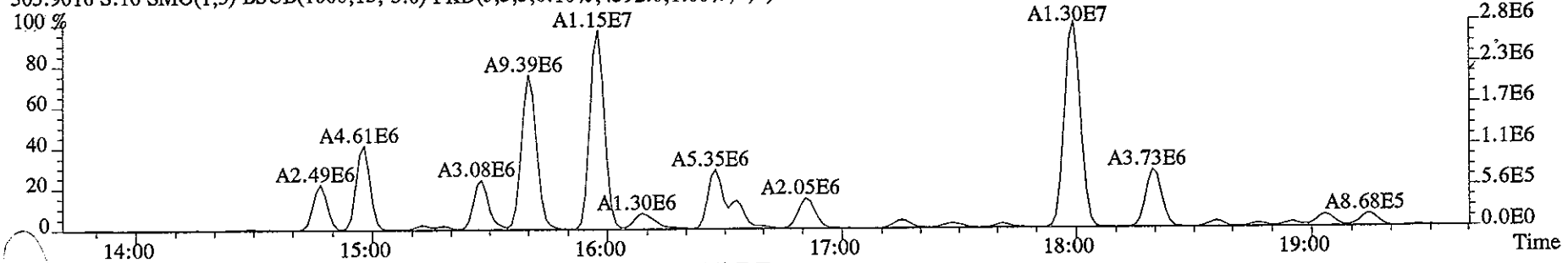
Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:2
Run: 9 File: 09JA068D5 S:10 Acq:9-JAN-06 21:43:49
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	460.04	of which	243.05 named and	217.00 unnamed
Conc:	46.00	of which	24.30 named and	21.70 unnamed

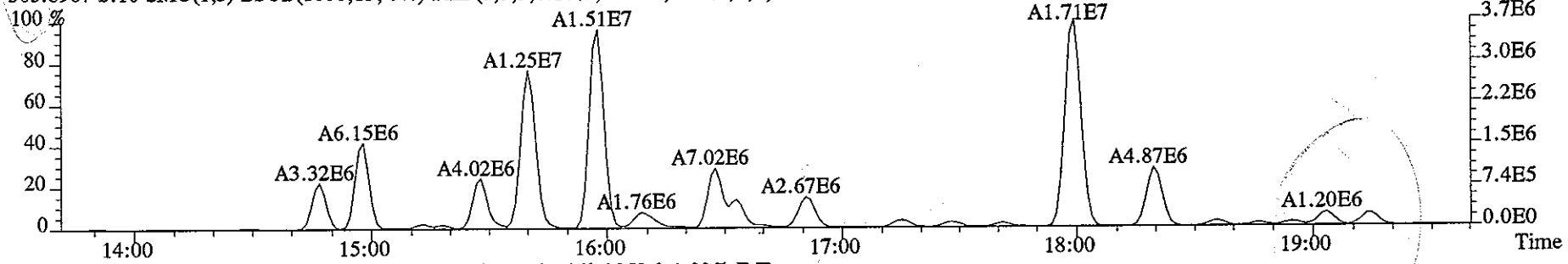
Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	34:01	1.05	y	21.70	2075550	246.5	y	n
						1976110	263.7	y	n
1,2,3,4,6,7,8-HpCDD	2	34:37	1.01	y	24.30	2284370	263.4	y	n
						2253730	297.0	y	n

File:09JA068D5 #1-325 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN

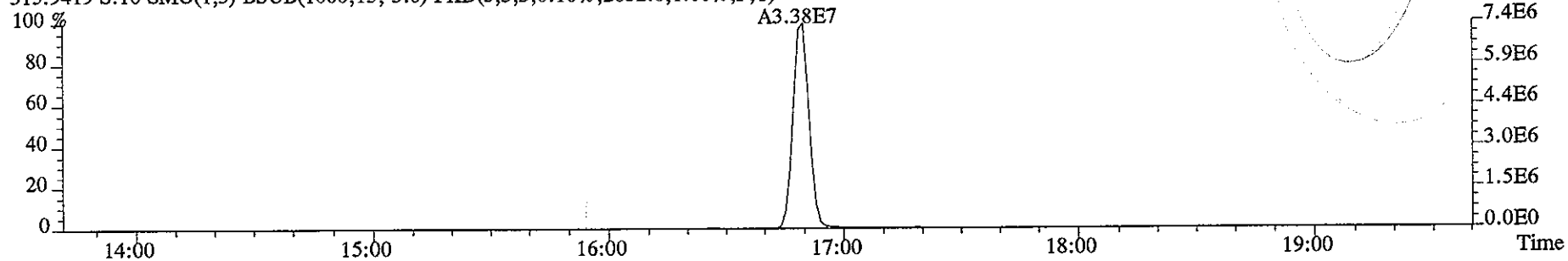
303.9016 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4392.0,1.00%,F,T)



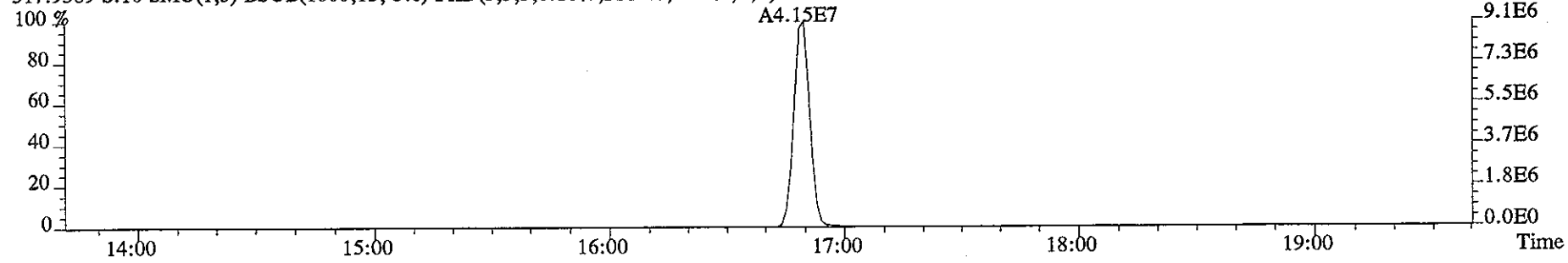
305.8987 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2036.0,1.00%,F,T)



315.9419 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2852.0,1.00%,F,T)



317.9389 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2212.0,1.00%,F,T)

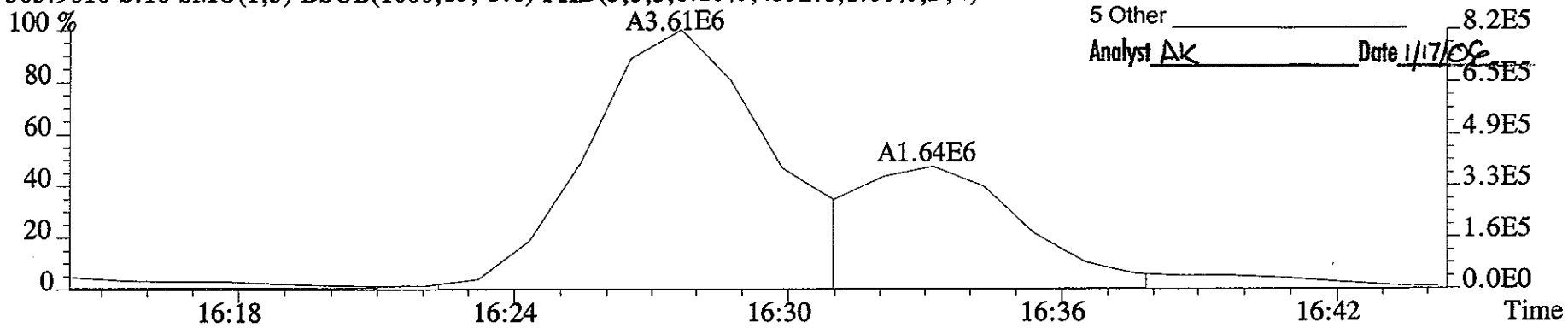


MANUAL EDIT CODES

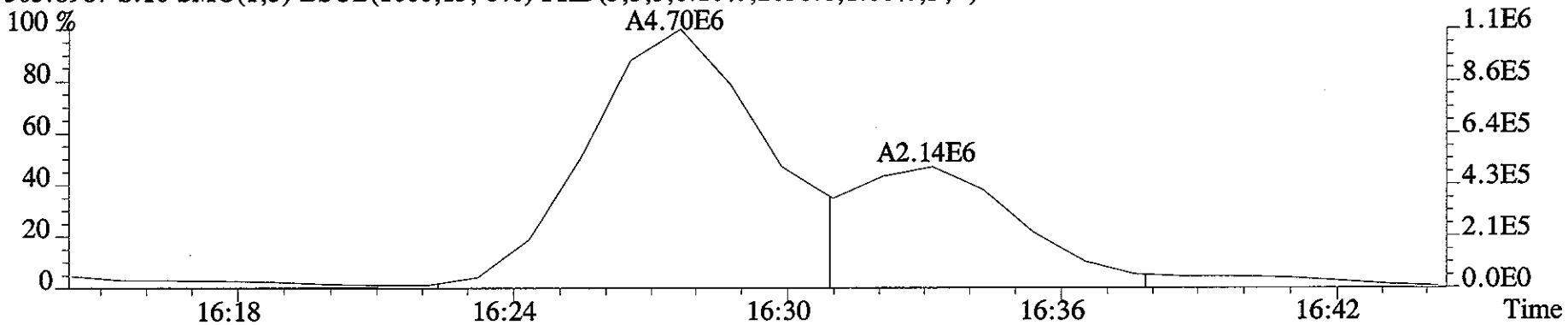
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst AK Date 1/17/06

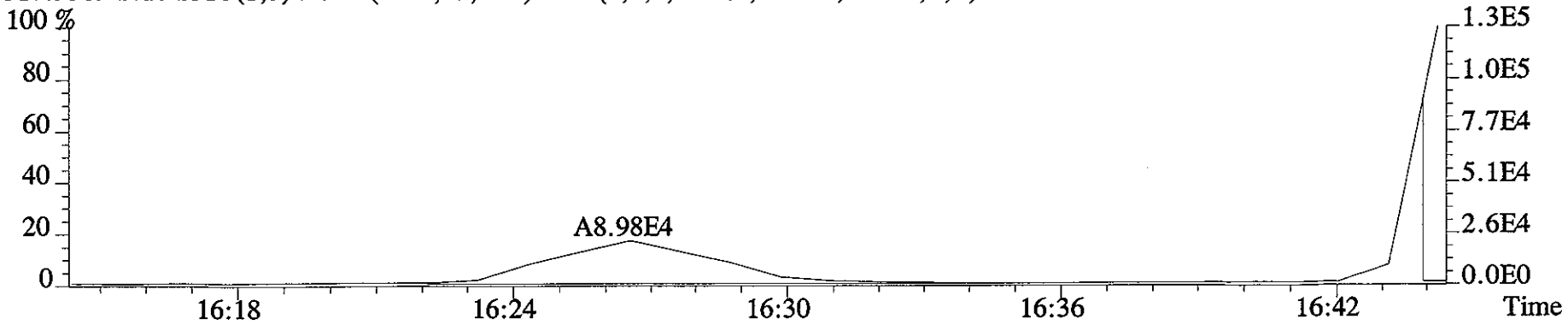
File:09JA068D5 #1-325 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN
303.9016 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4392.0,1.00%,F,T)



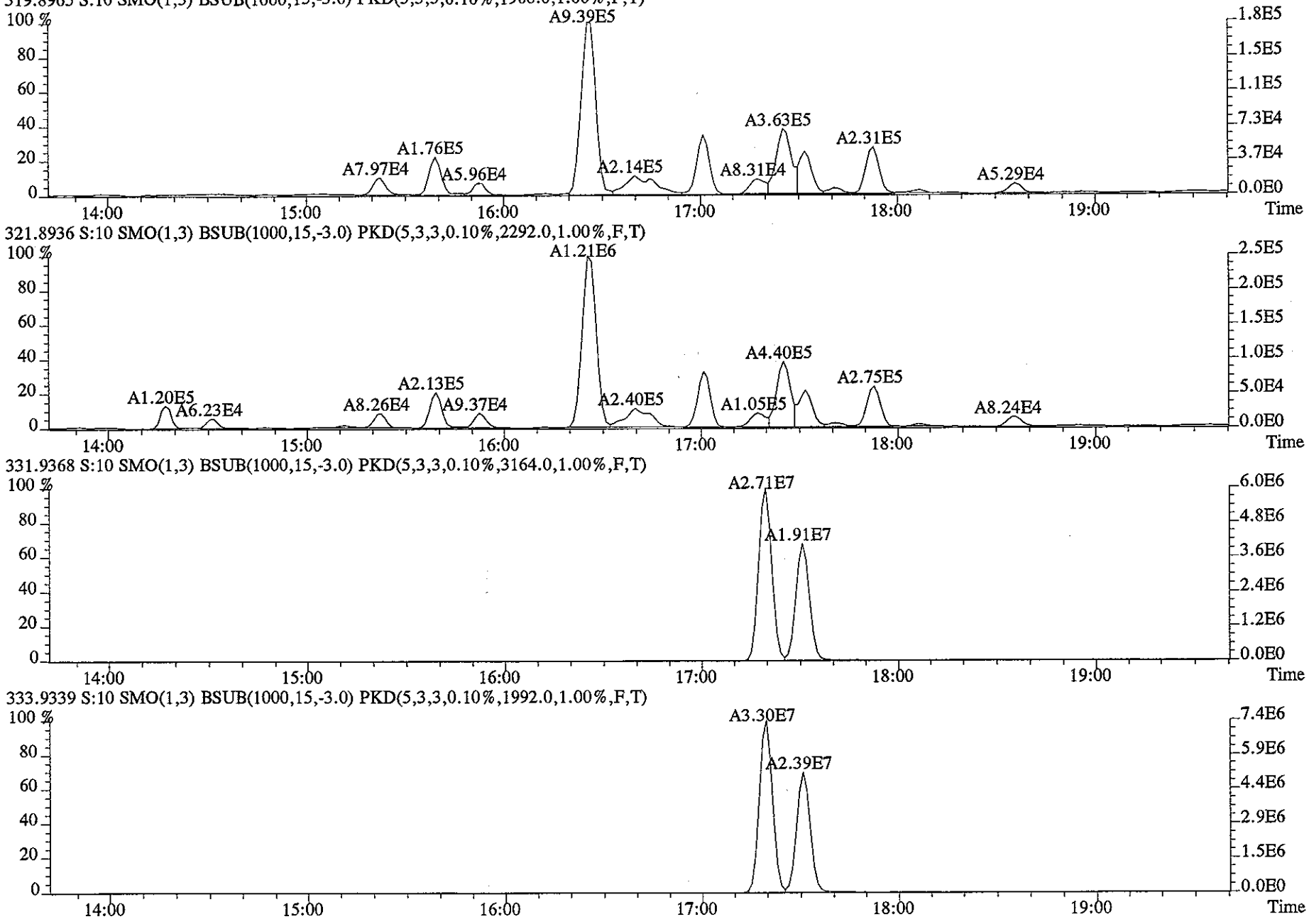
305.8987 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2036.0,1.00%,F,T)



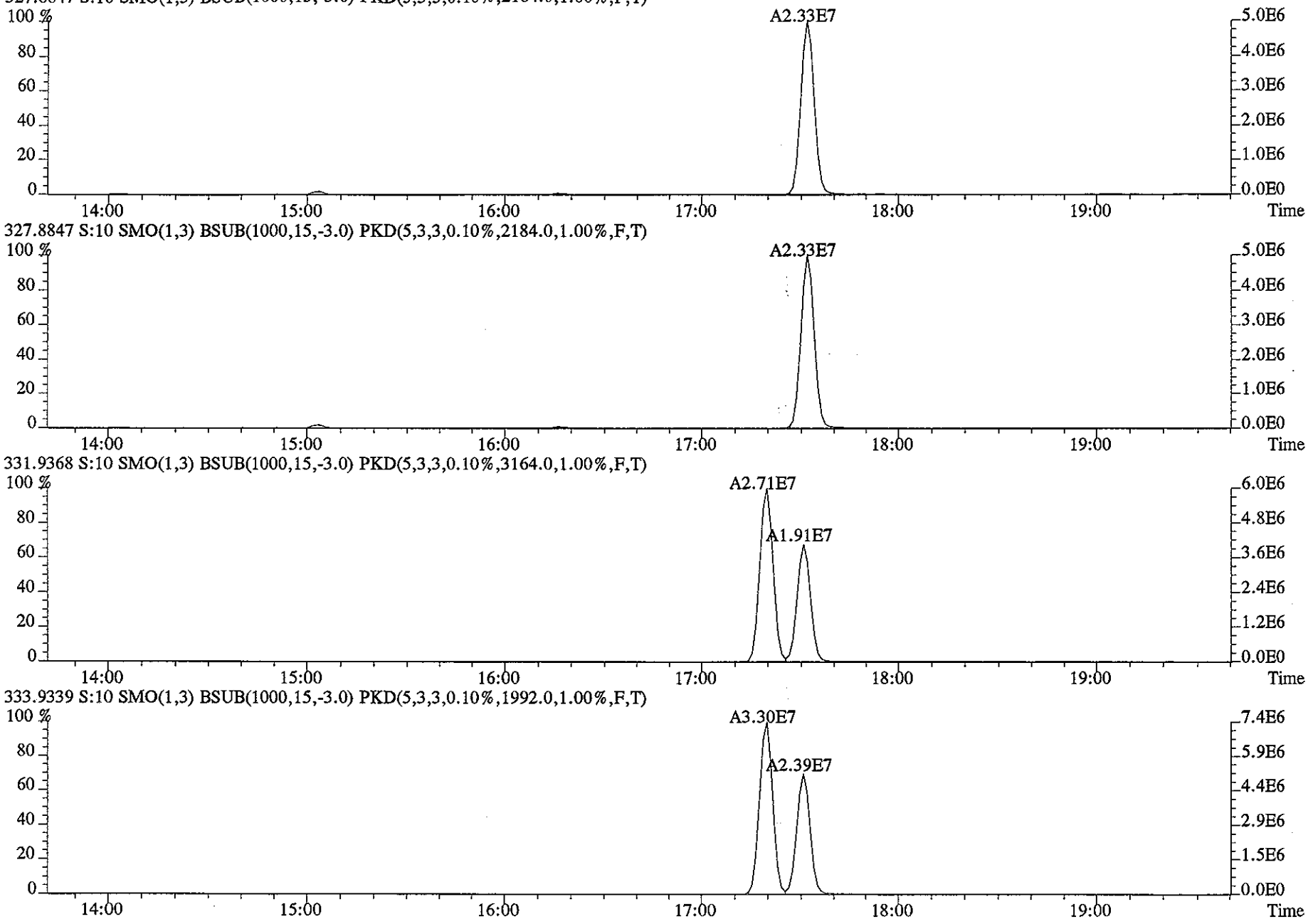
317.9389 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2212.0,1.00%,F,T)



File:09JA068D5 #1-325 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN

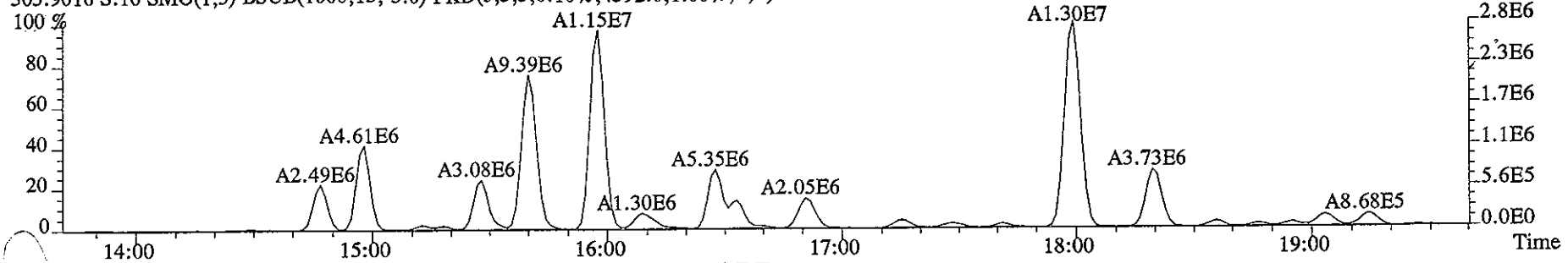


File:09JA068D5 #1-325 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN

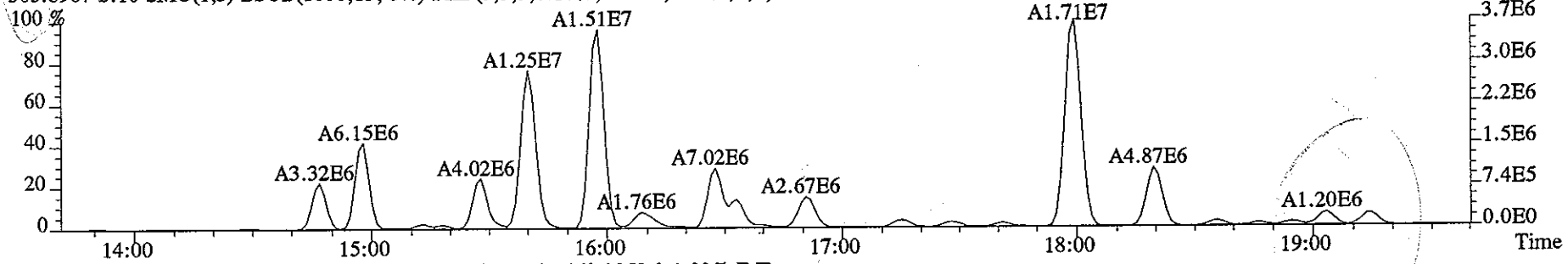


File:09JA068D5 #1-325 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN

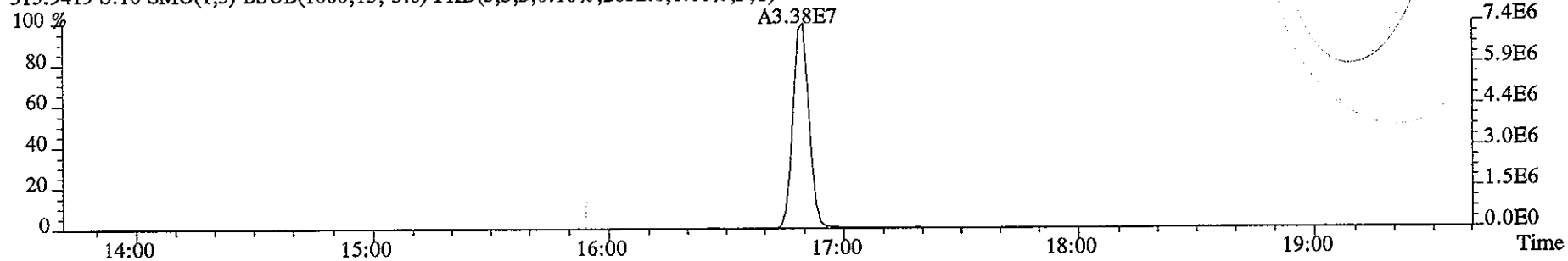
303.9016 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4392.0,1.00%,F,T)



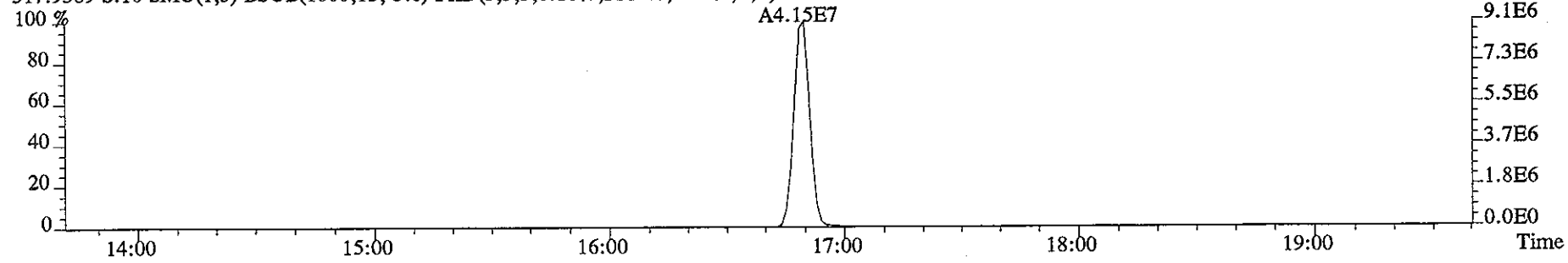
305.8987 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2036.0,1.00%,F,T)



315.9419 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2852.0,1.00%,F,T)



317.9389 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2212.0,1.00%,F,T)

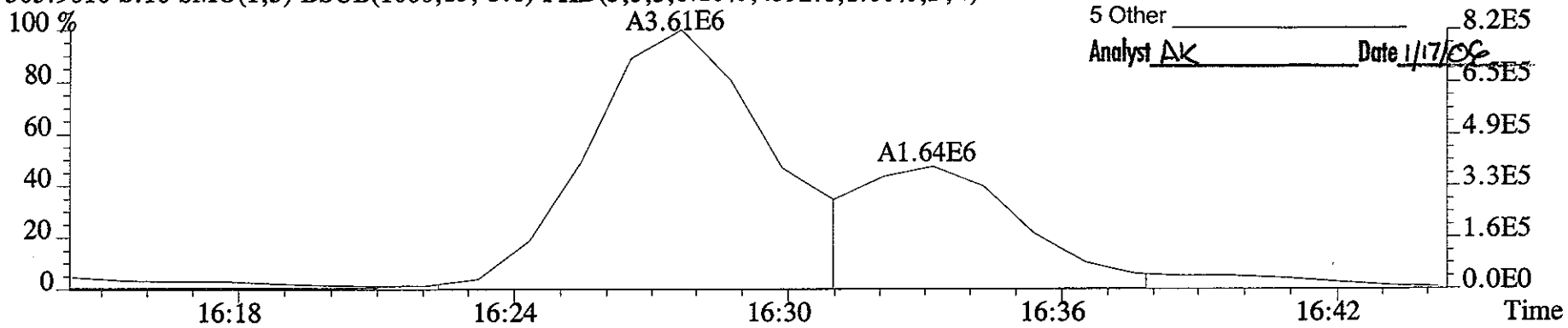


MANUAL EDIT CODES

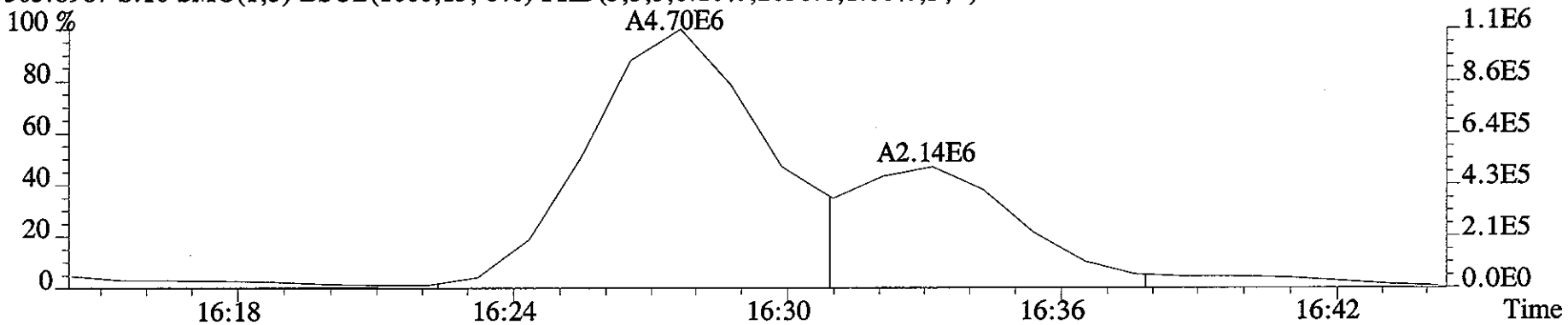
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst AK Date 1/17/06

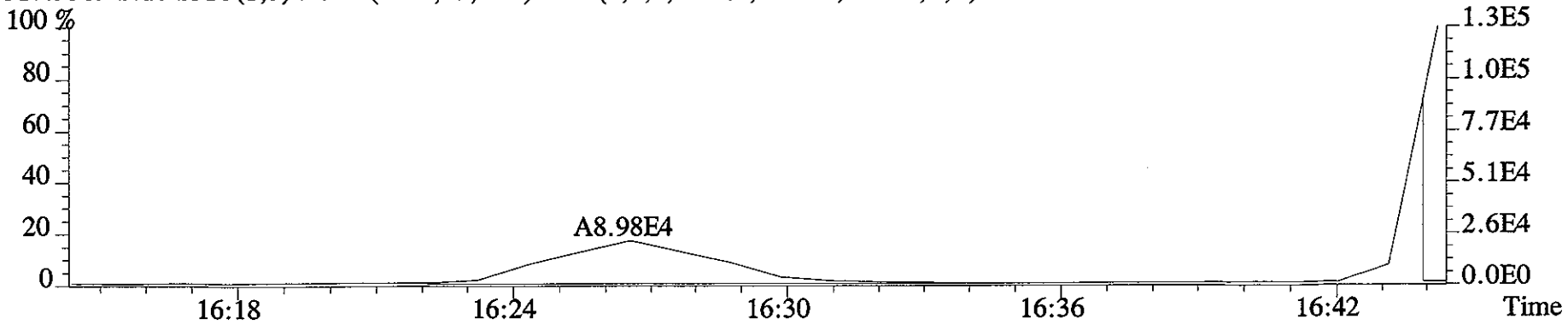
File:09JA068D5 #1-325 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN
303.9016 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4392.0,1.00%,F,T)



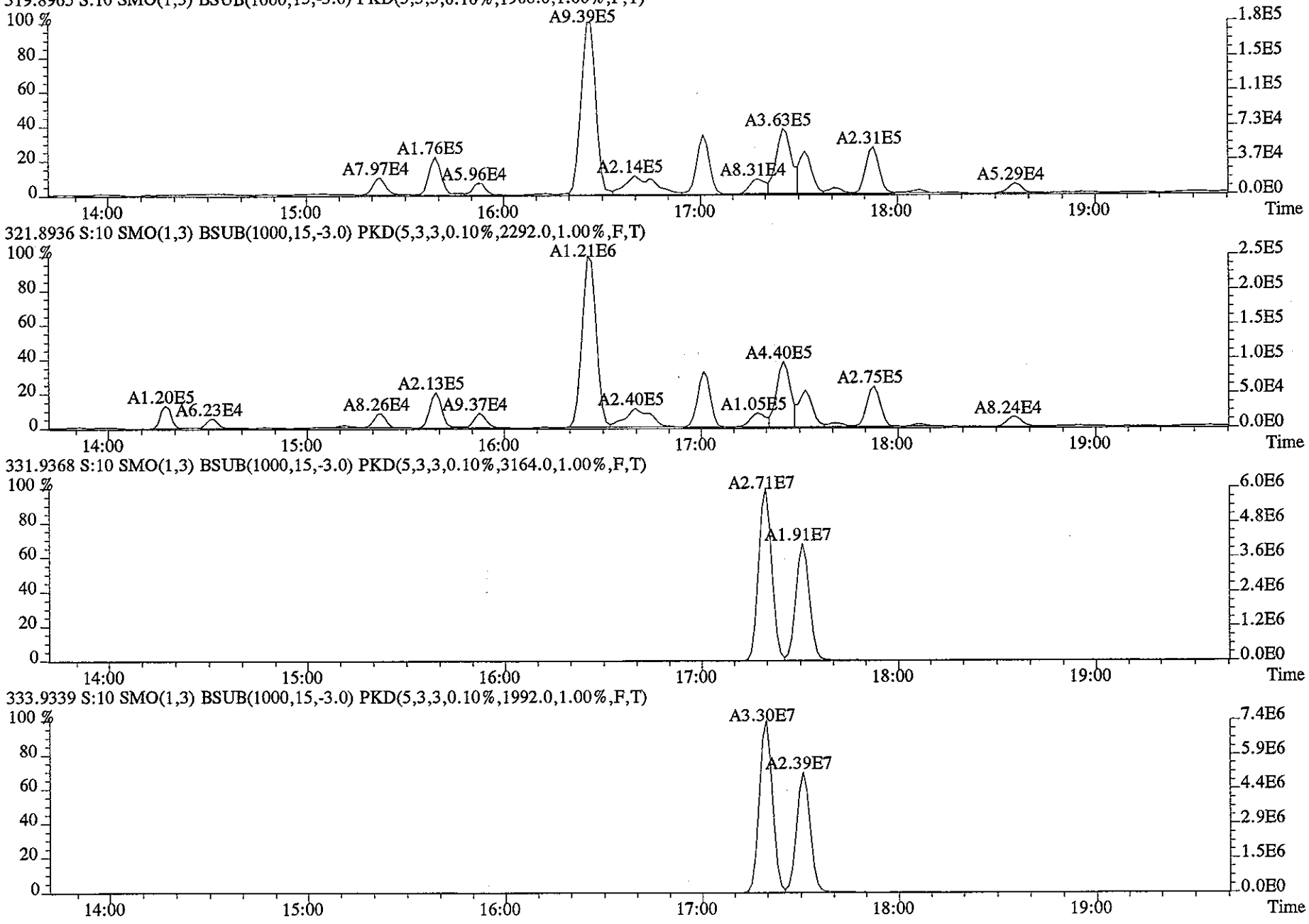
305.8987 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2036.0,1.00%,F,T)



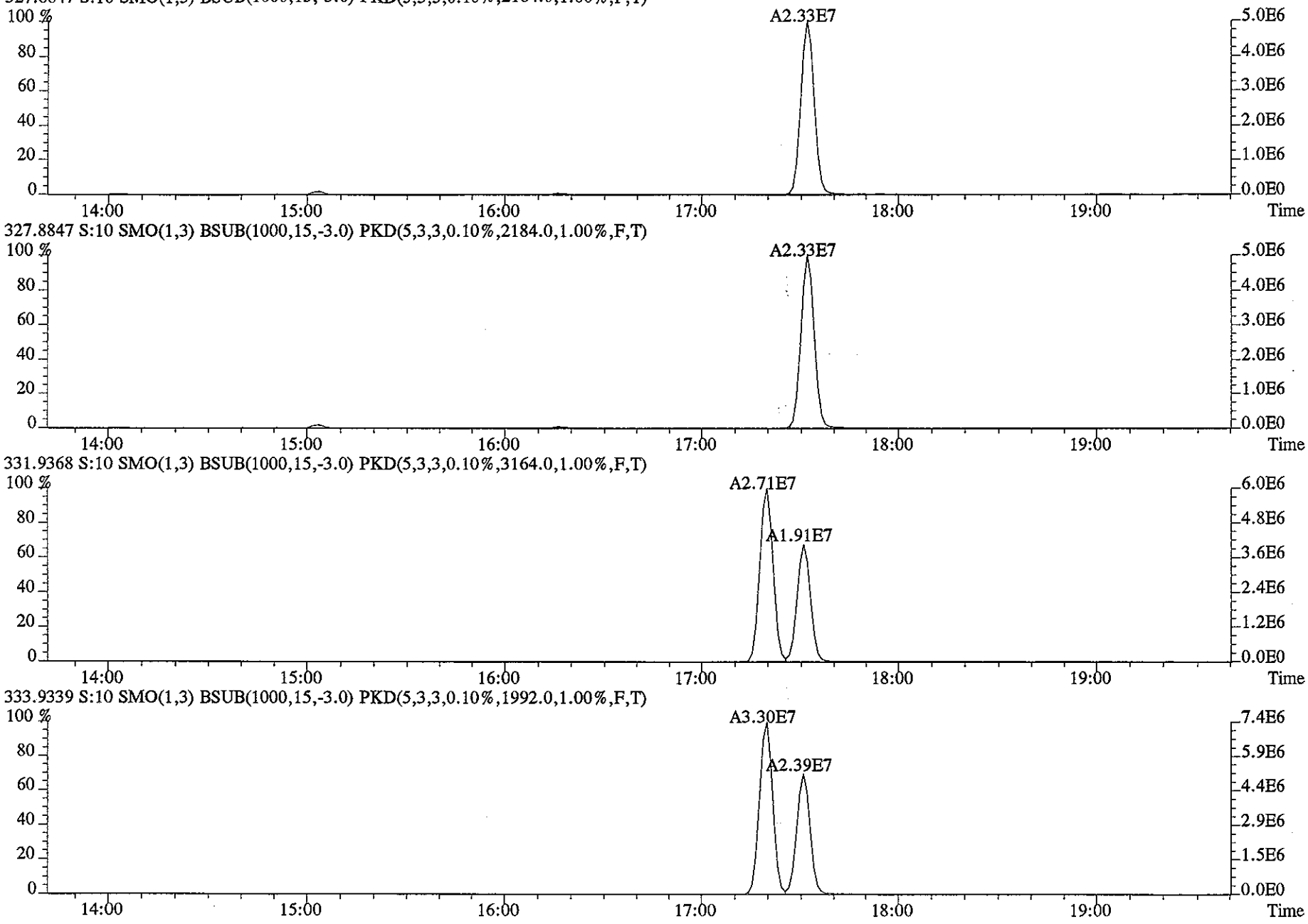
317.9389 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2212.0,1.00%,F,T)



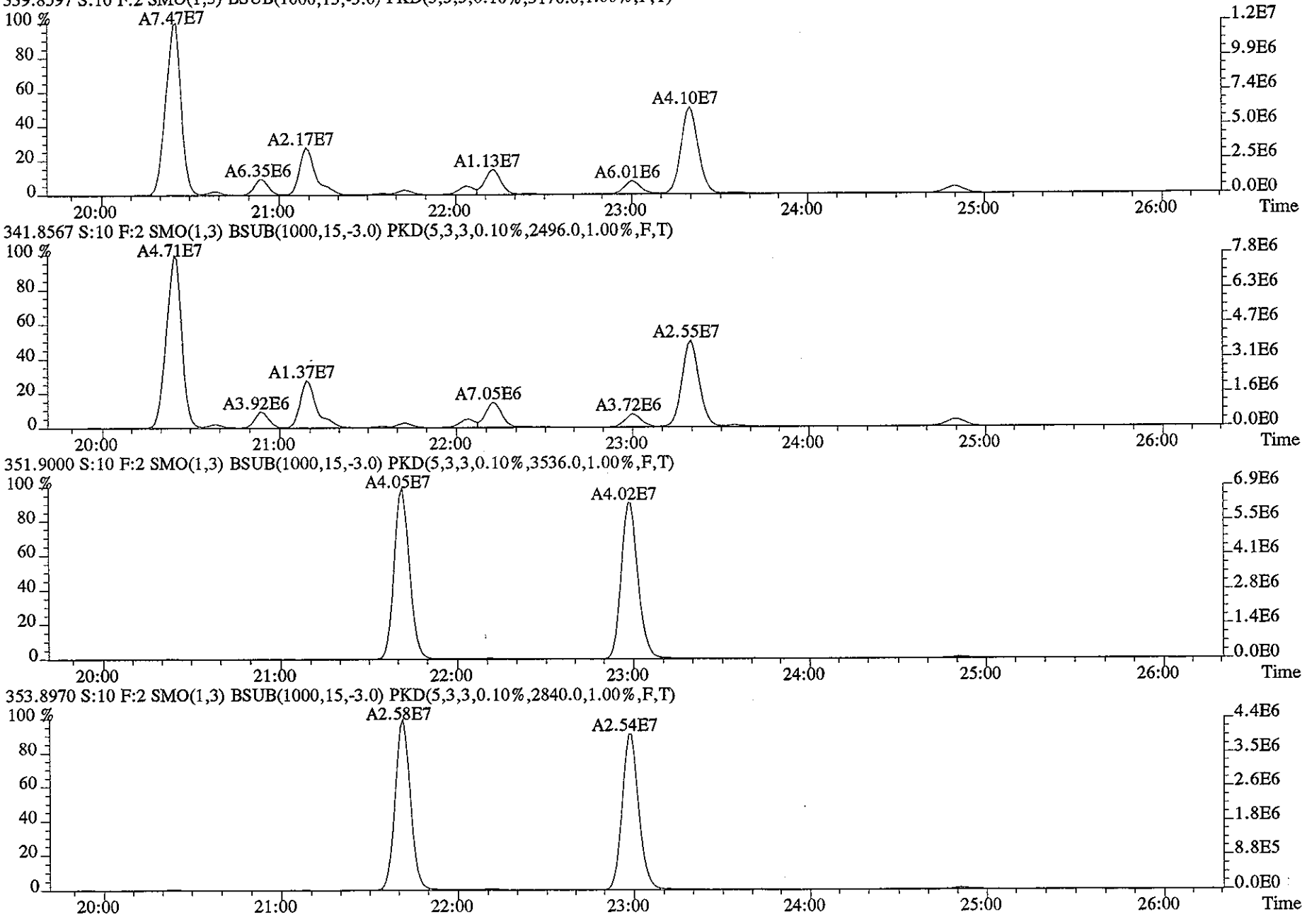
File:09JA068D5 #1-325 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN



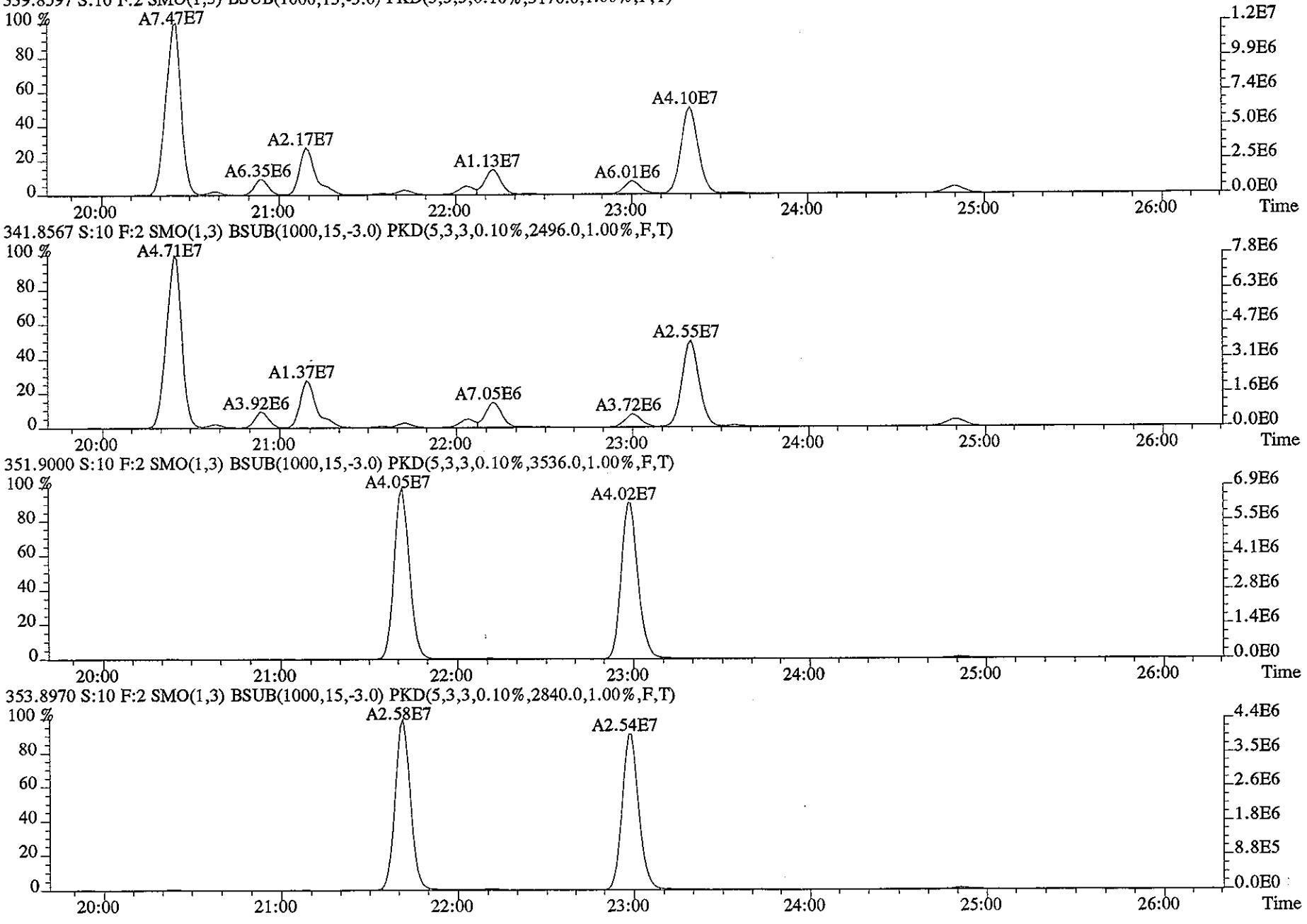
File:09JA068D5 #1-325 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN



File:09JA068D5 #1-468 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN



File:09JA068D5 #1-468 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN

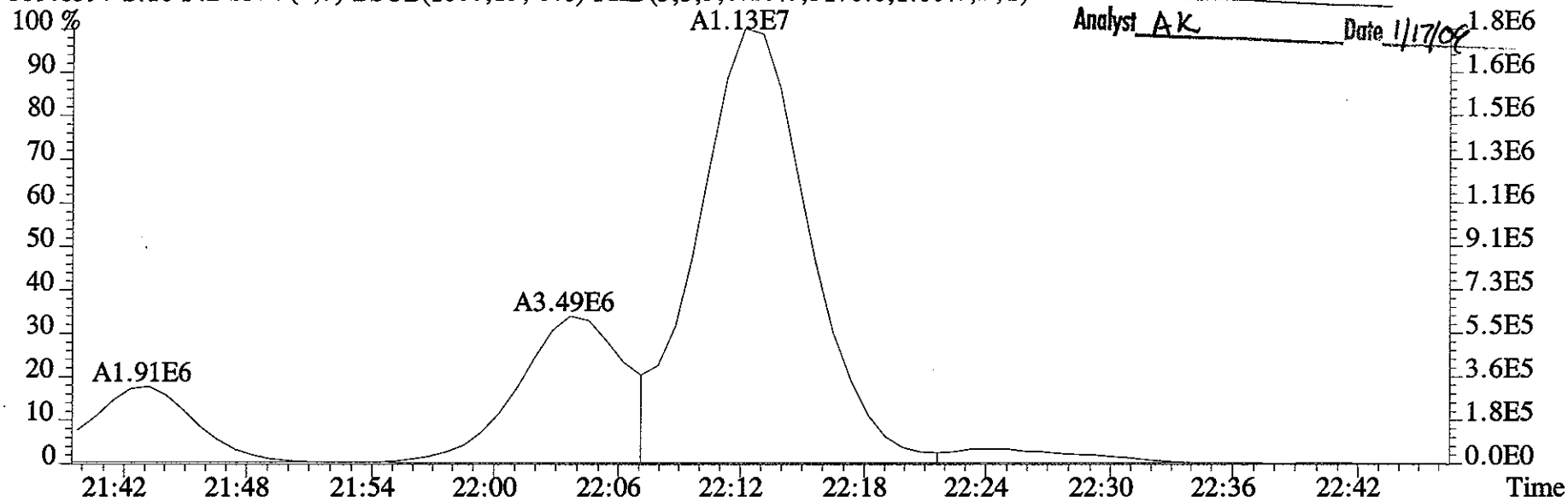


MANUAL EDIT CODES

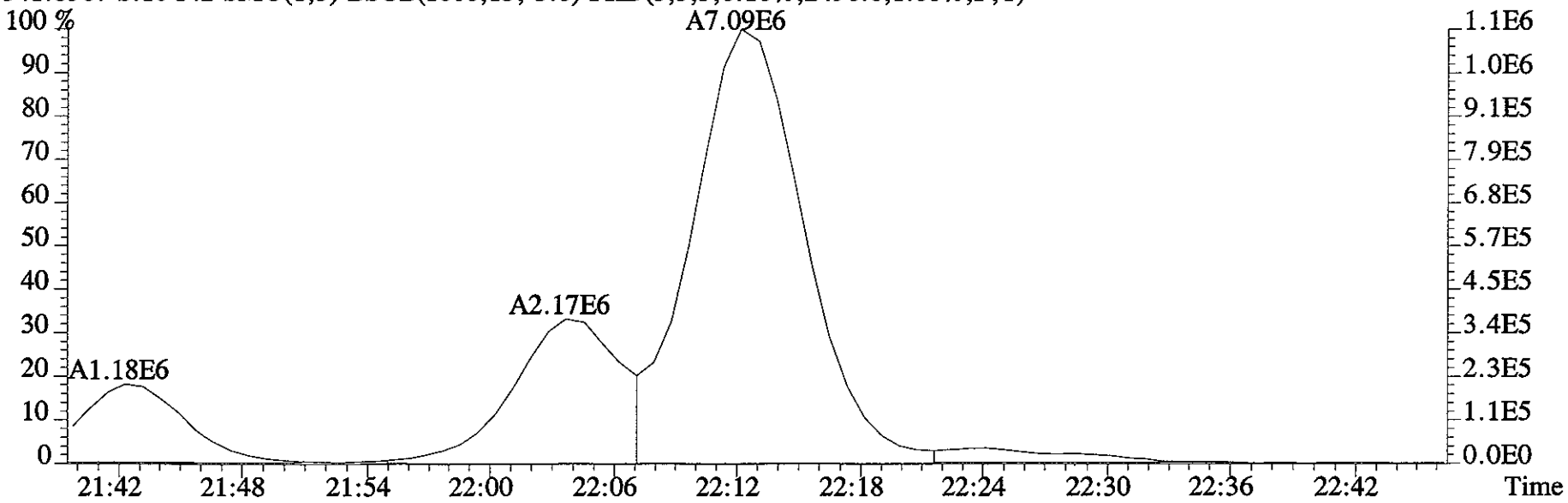
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst AK Date 1/17/06

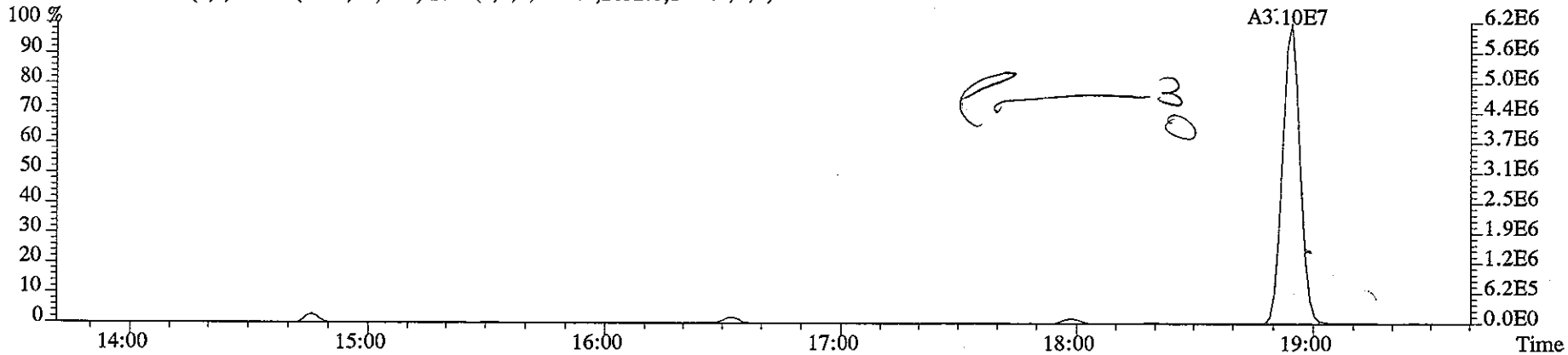
File:09JA068D5 #1-468 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN
339.8597 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3176.0,1.00%,F,T)



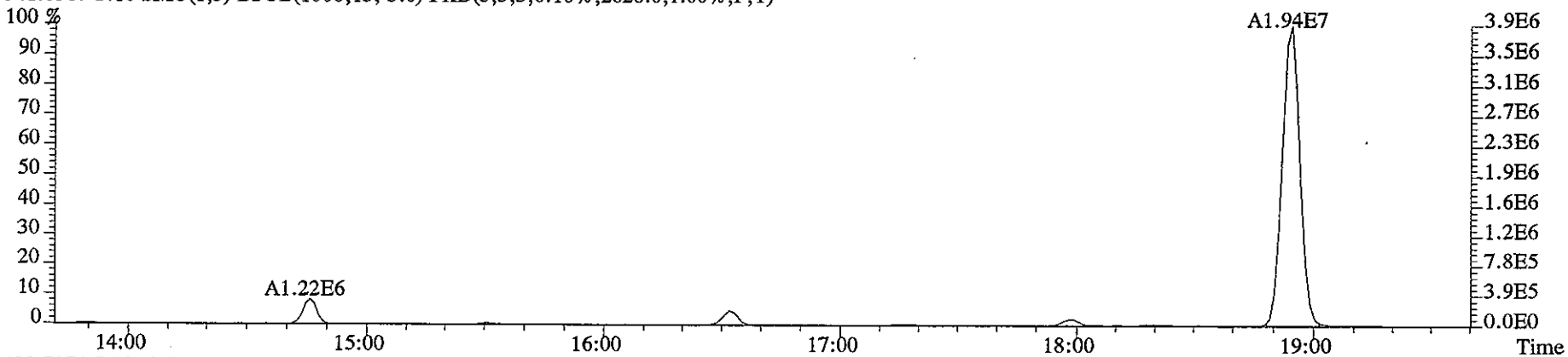
341.8567 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2496.0,1.00%,F,T)



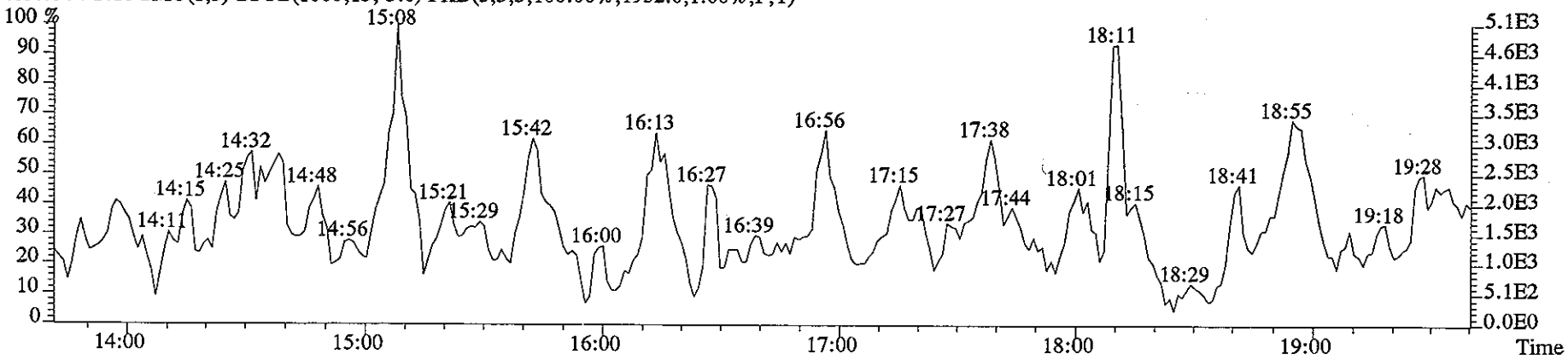
File:09JA068D5 #1-325 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN
339.8597 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2652.0,1.00%,F,T)



341.8567 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2628.0,1.00%,F,T)

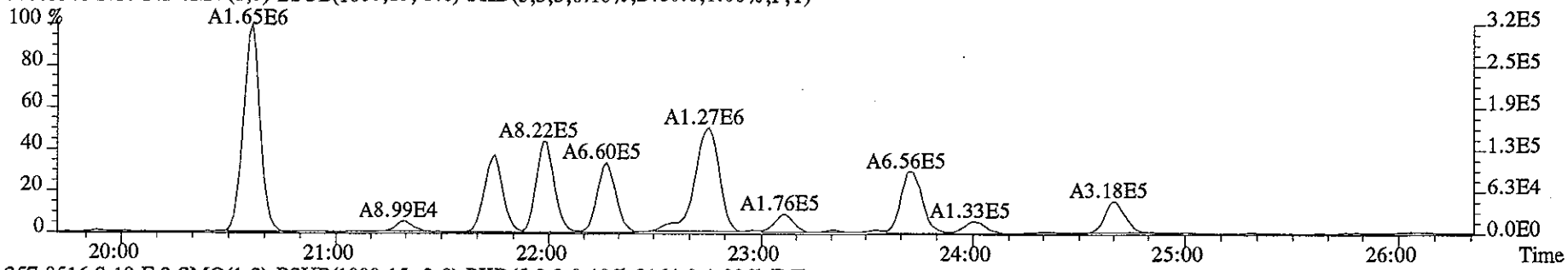


409.7974 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1952.0,1.00%,F,T)

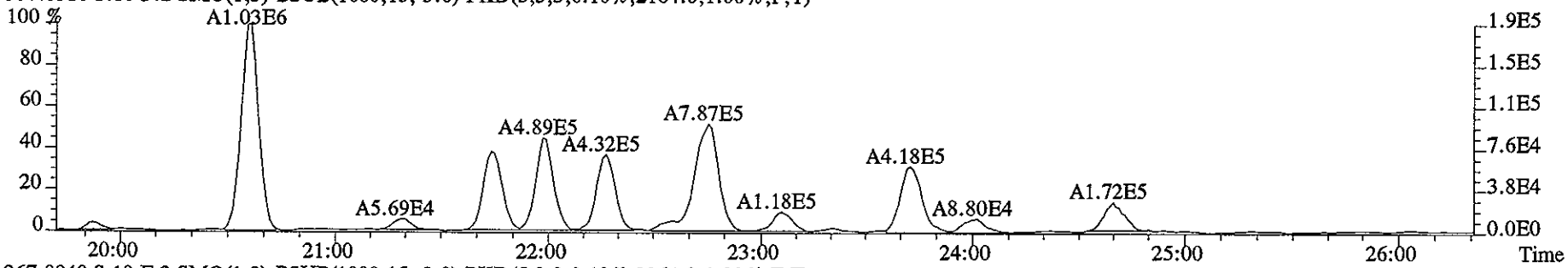


File:09JA068D5 #1-468 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN

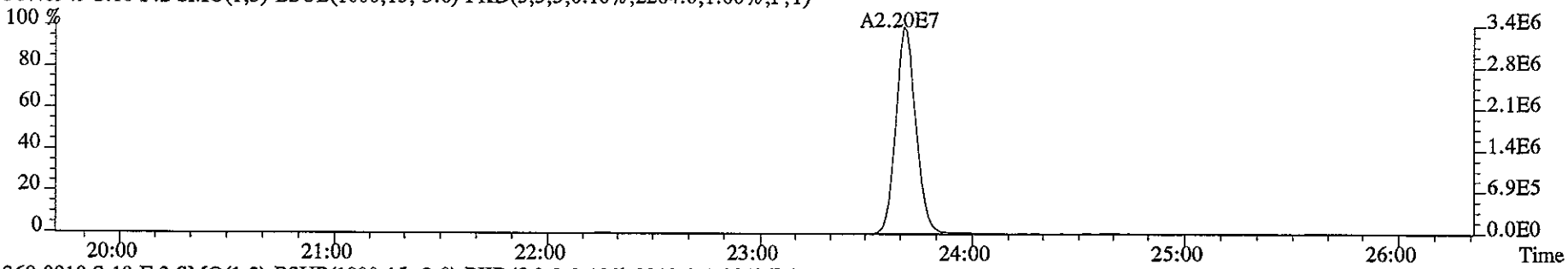
355.8546 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2480.0,1.00%,F,T)



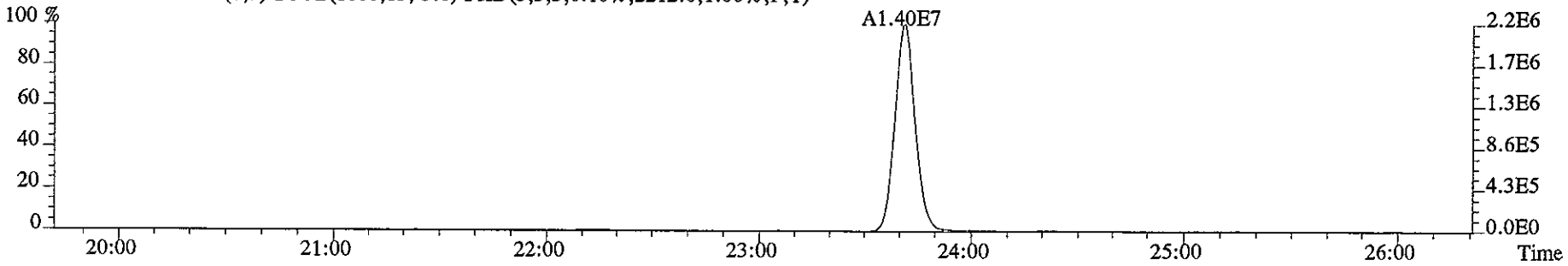
357.8516 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2164.0,1.00%,F,T)



367.8949 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2264.0,1.00%,F,T)



369.8919 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2212.0,1.00%,F,T)

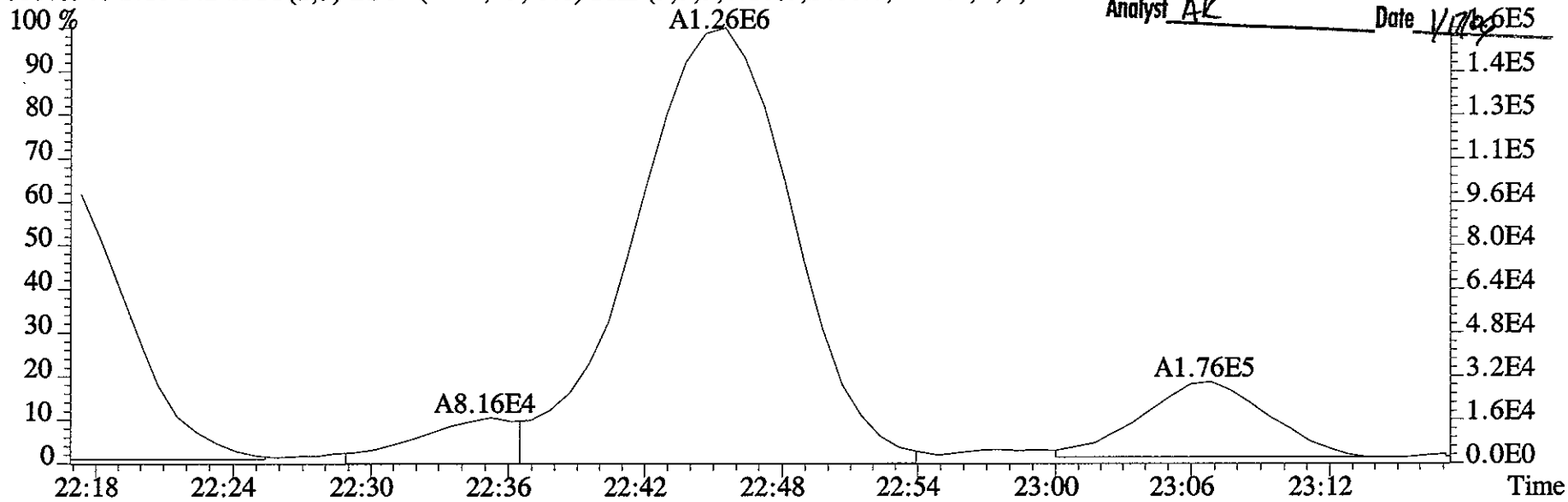


MANUAL EDIT CODES

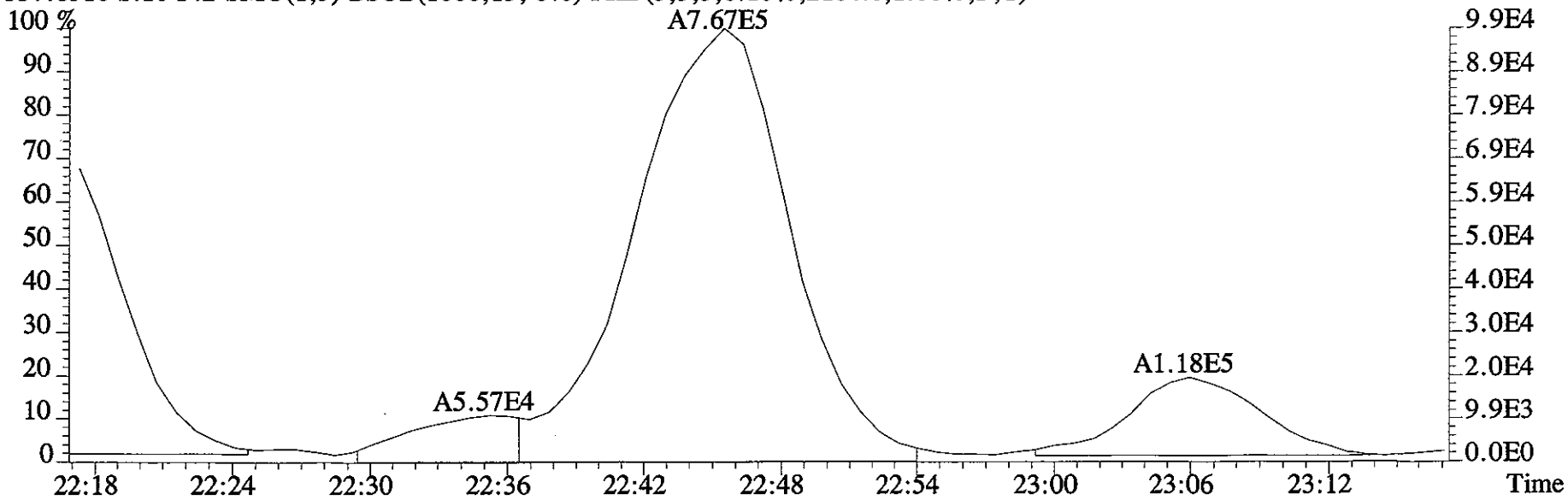
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst AK Date 1/16/06

File:09JA068D5 #1-468 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN
355.8546 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2480.0,1.00%,F,T)

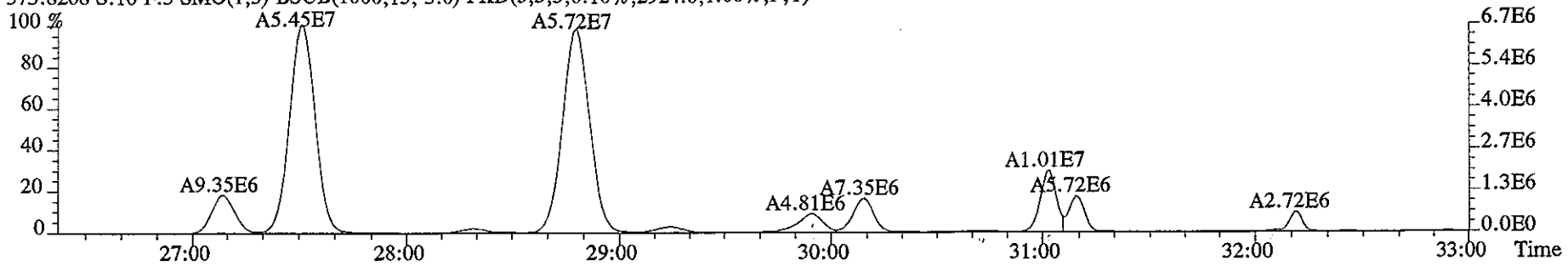


357.8516 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2164.0,1.00%,F,T)

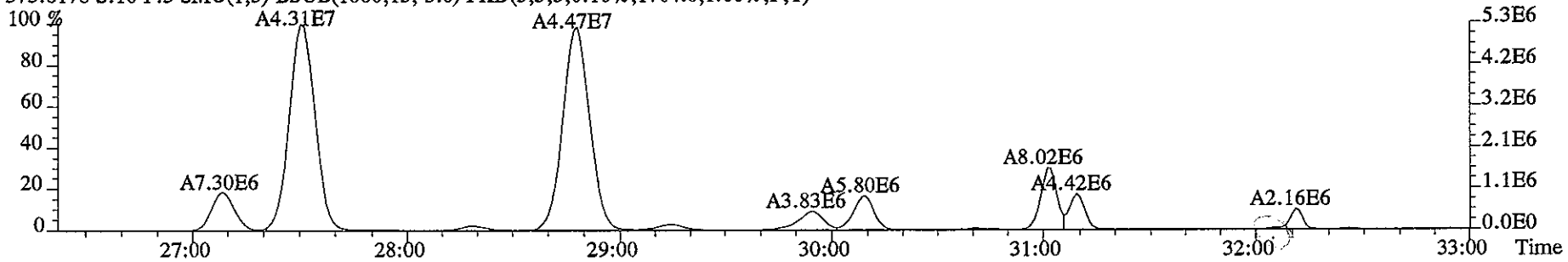


File:09JA068D5 #1-446 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN

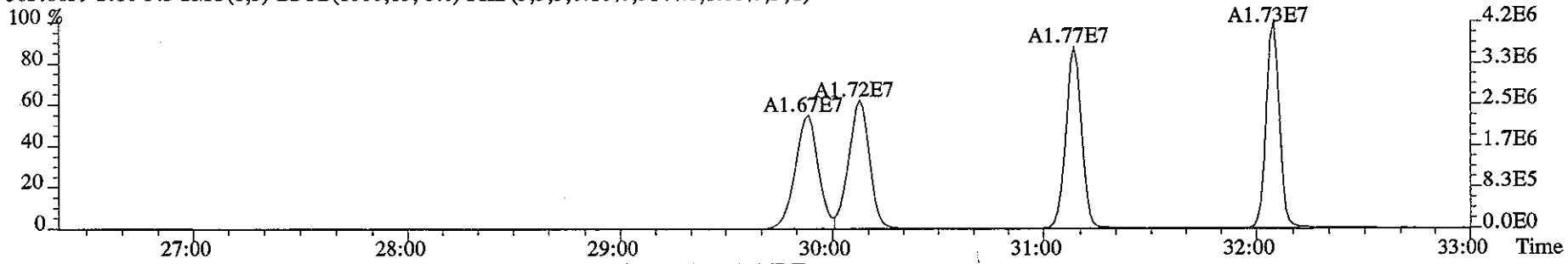
373.8208 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2924.0,1.00%,F,T)



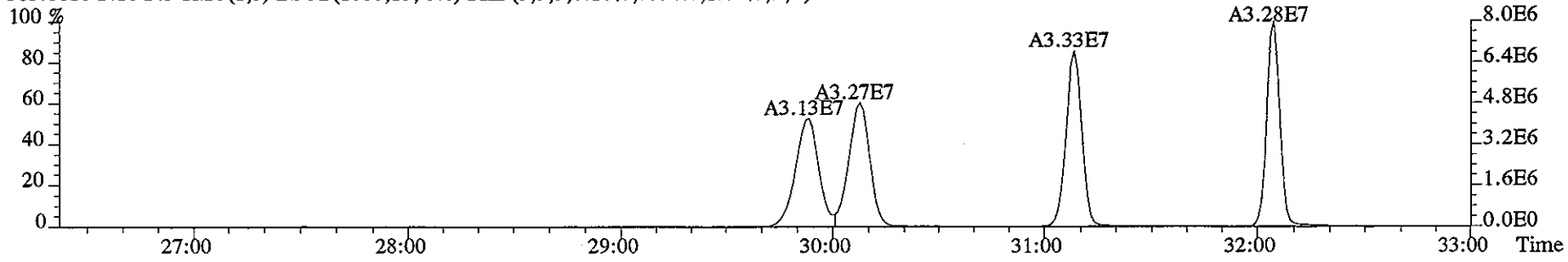
375.8178 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1704.0,1.00%,F,T)



383.8639 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3144.0,1.00%,F,T)



385.8610 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3396.0,1.00%,F,T)

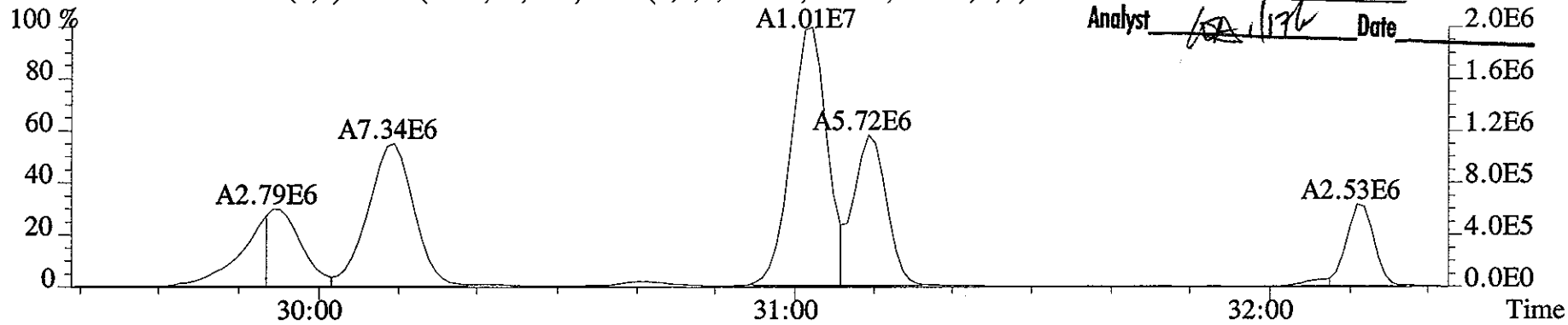


MANUAL EDIT CODES

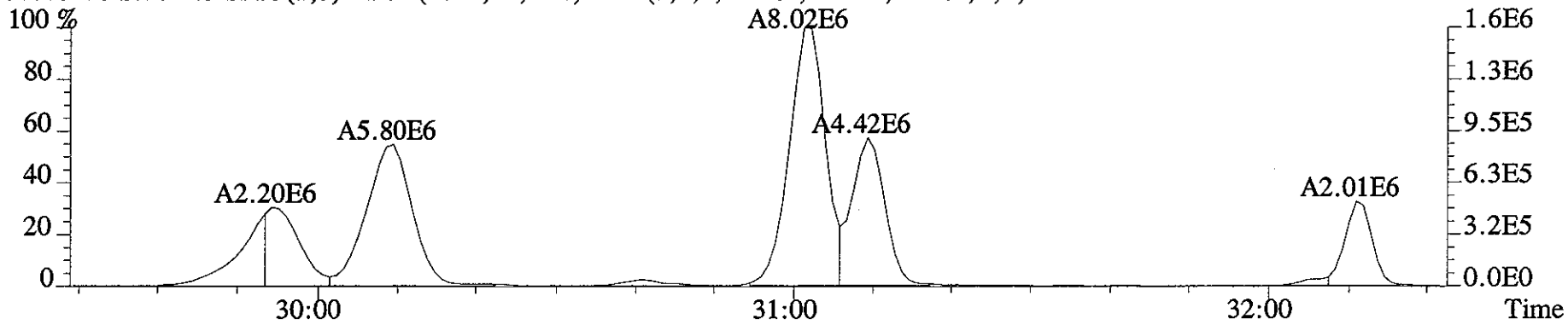
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other

Analyst _____ Date _____

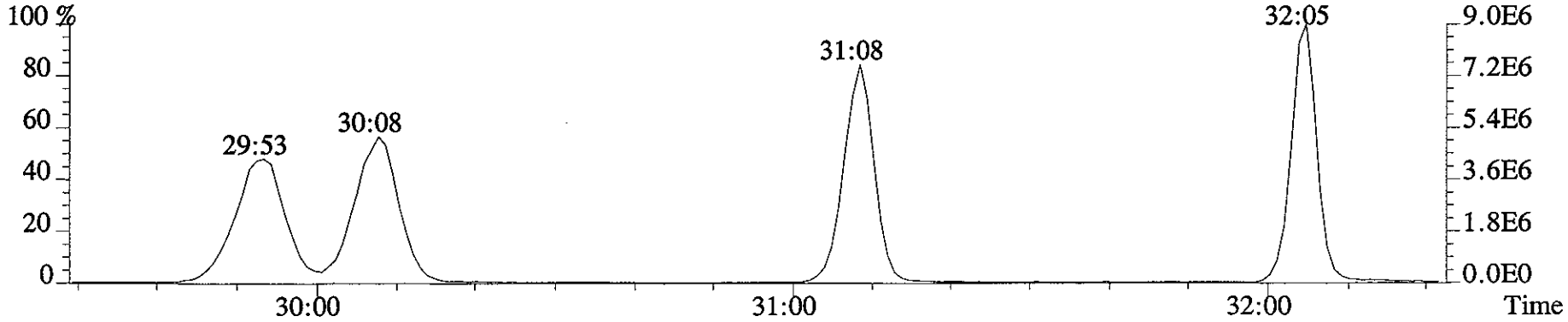
File:09JA068D5 #1-446 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN
373.8208 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2924.0,1.00%,F,T)



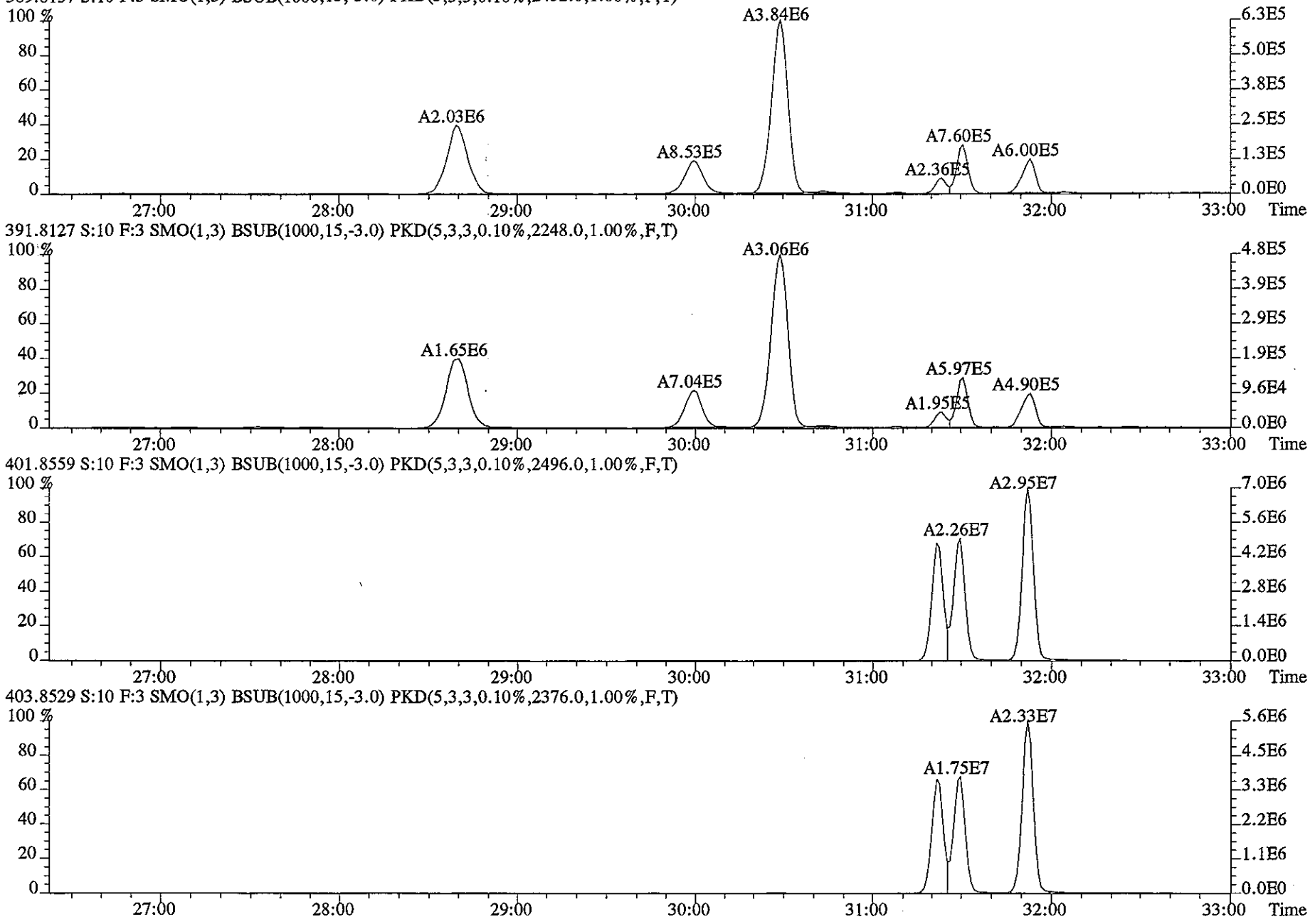
375.8178 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1704.0,1.00%,F,T)



385.8610 S:10 F:3



File:09JA068D5 #1-446 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN

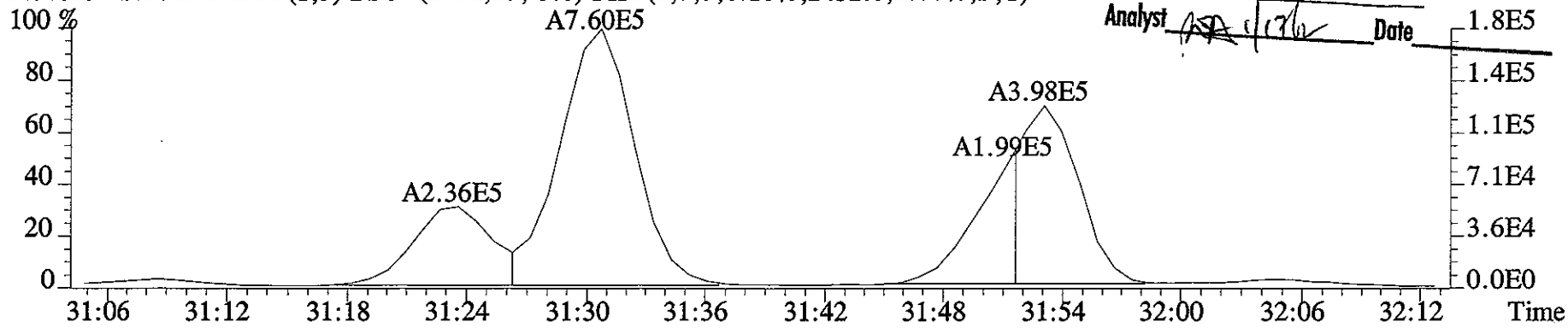


MANUAL EDIT CODES

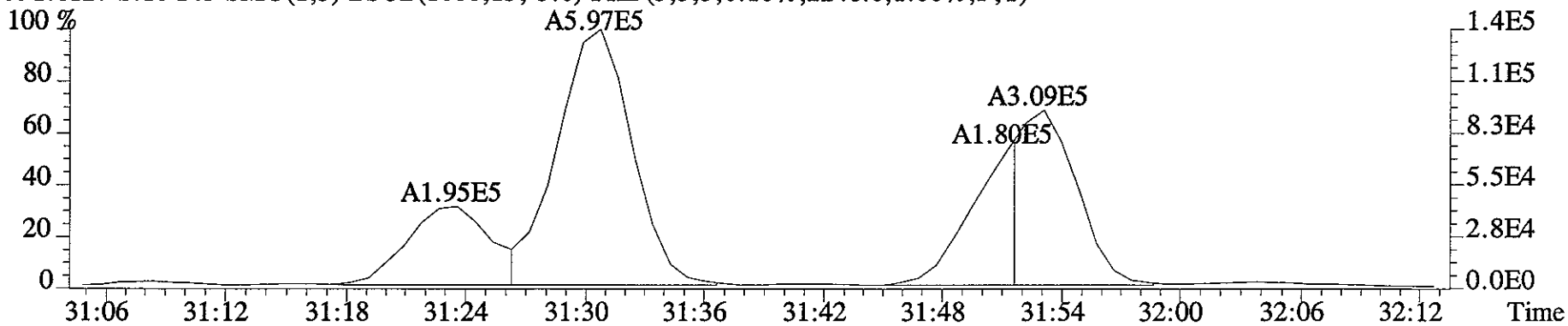
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other

Analyst _____ Date _____

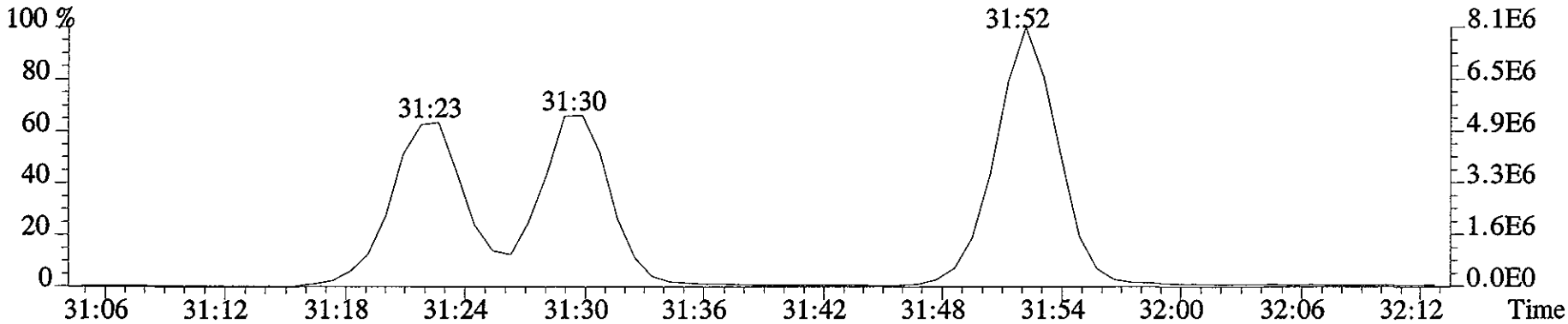
File:09JA068D5 #1-446 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN
389.8157 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2452.0,1.00%,F,T)



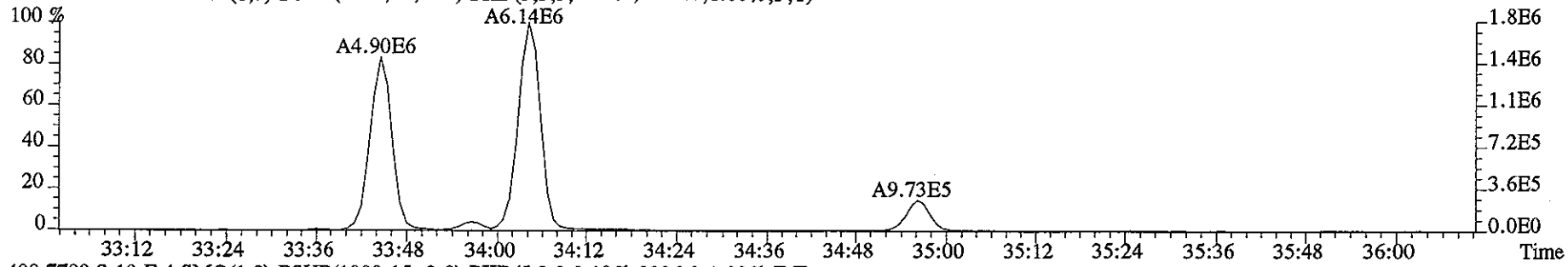
391.8127 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2248.0,1.00%,F,T)

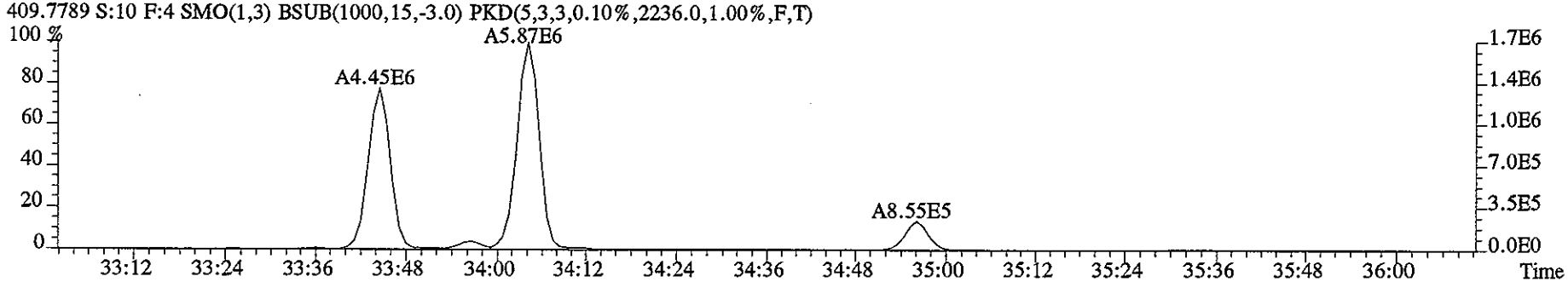


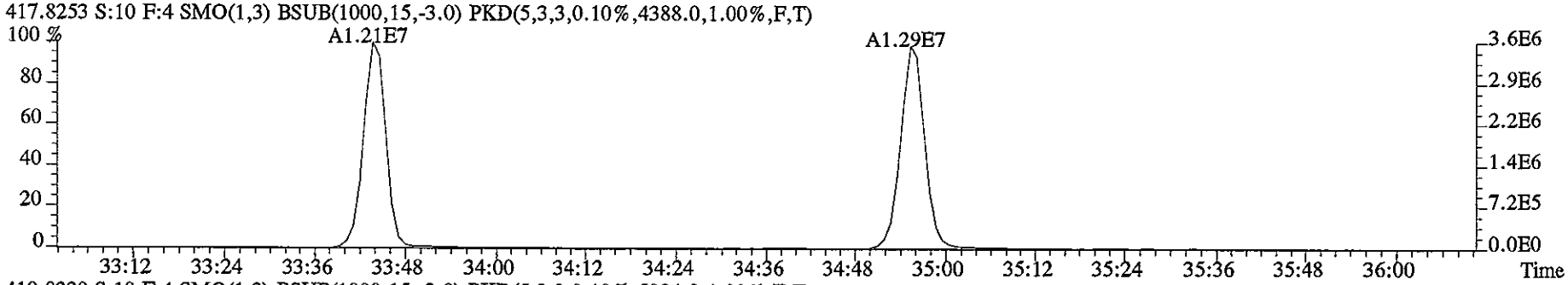
401.8559 S:10 F:3

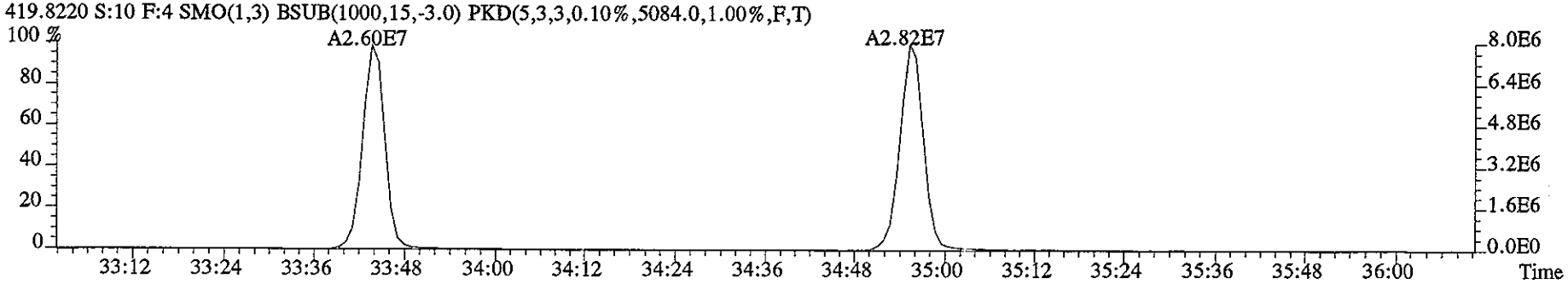


File:09JA068D5 #1-222 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN



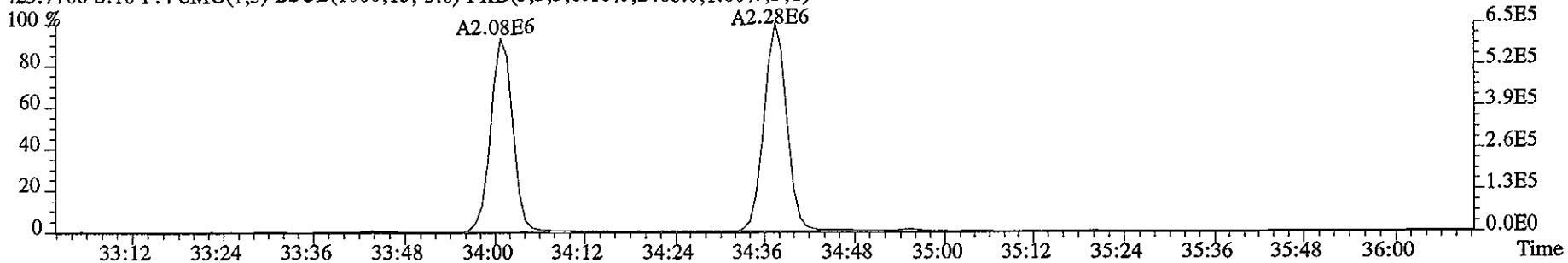




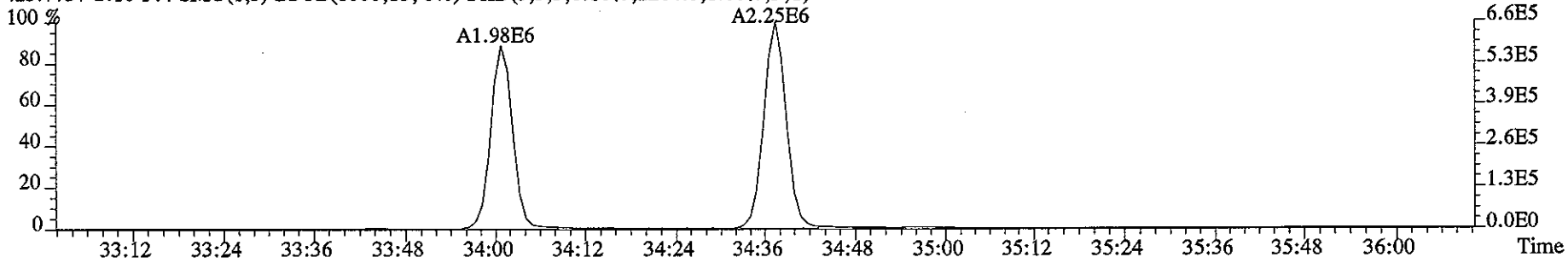


File:09JA068D5 #1-222 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN

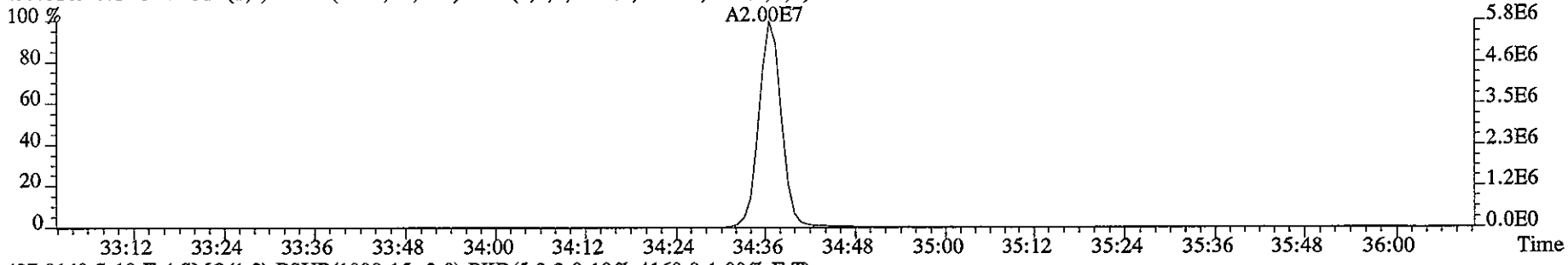
423.7766 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2468.0,1.00%,F,T)



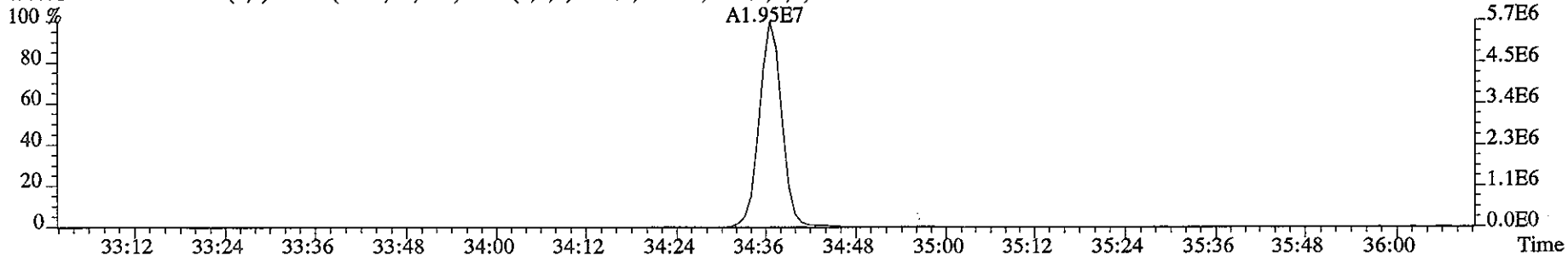
425.7737 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2204.0,1.00%,F,T)



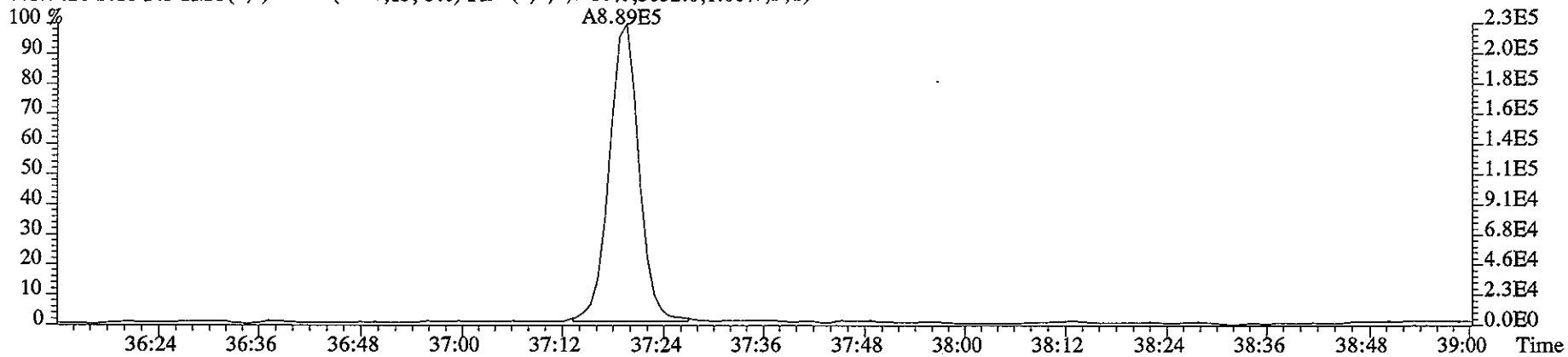
435.8169 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3868.0,1.00%,F,T)



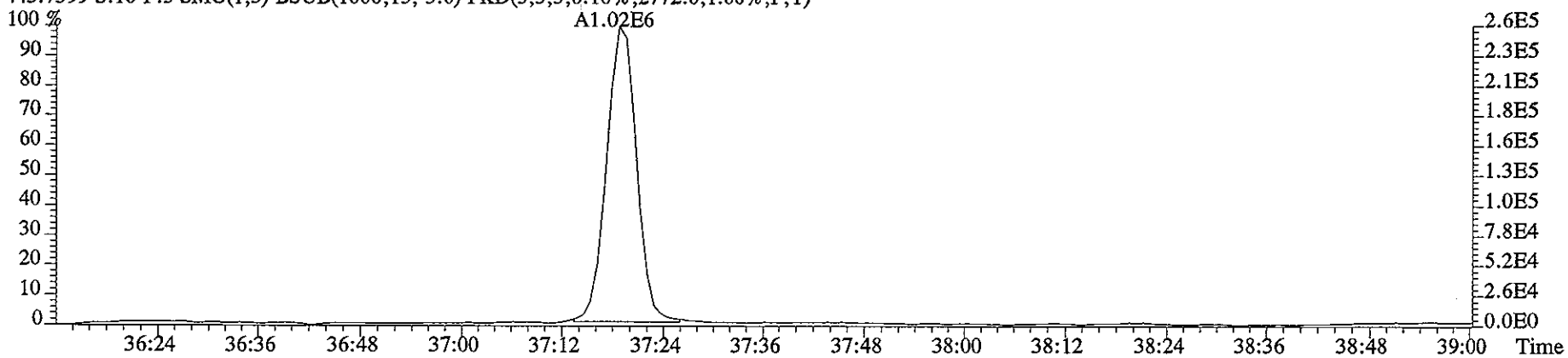
437.8140 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4160.0,1.00%,F,T)



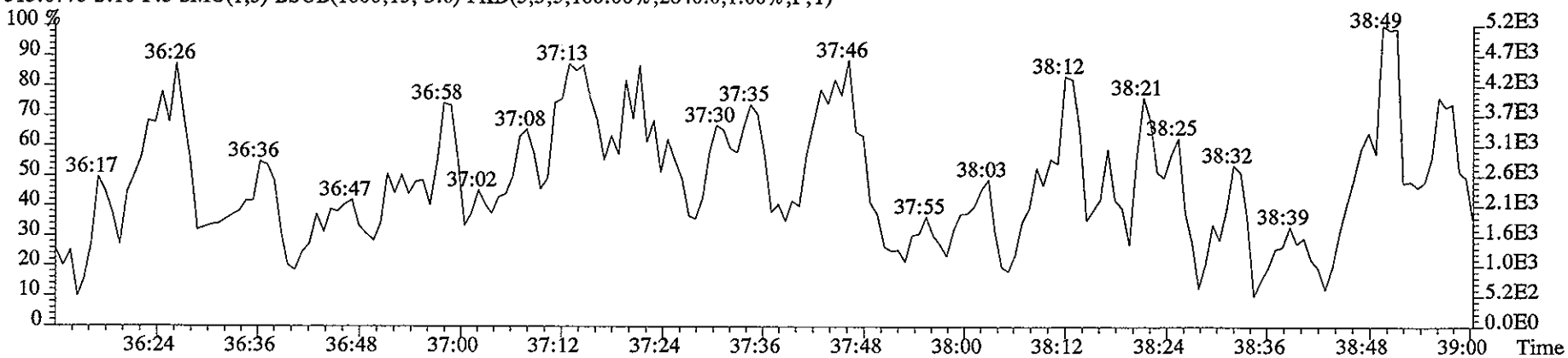
File:09JA068D5 #1-203 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN
441.7428 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3052.0,1.00%,F,T)



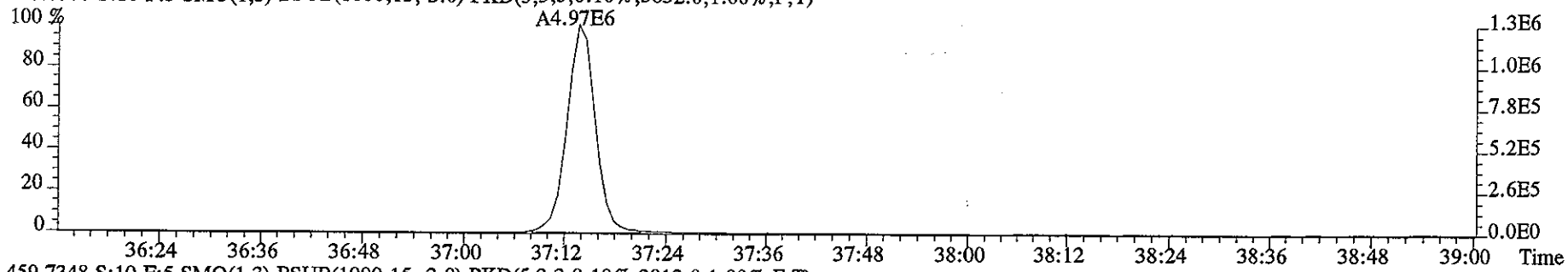
443.7399 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2772.0,1.00%,F,T)



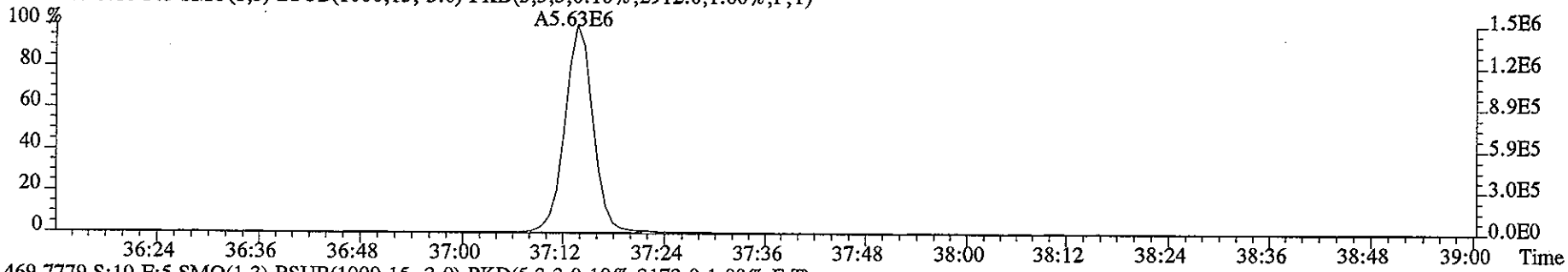
513.6775 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2840.0,1.00%,F,T)



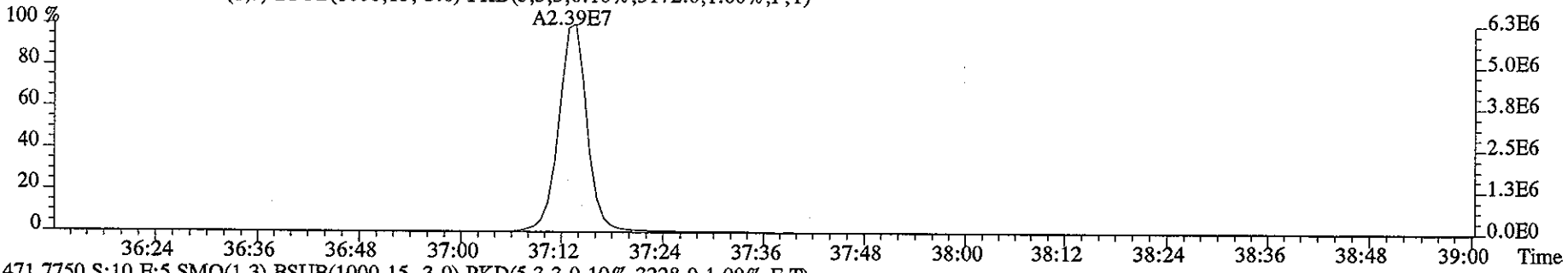
File:09JA068D5 #1-203 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN
457.7377 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3832.0,1.00%,F,T)



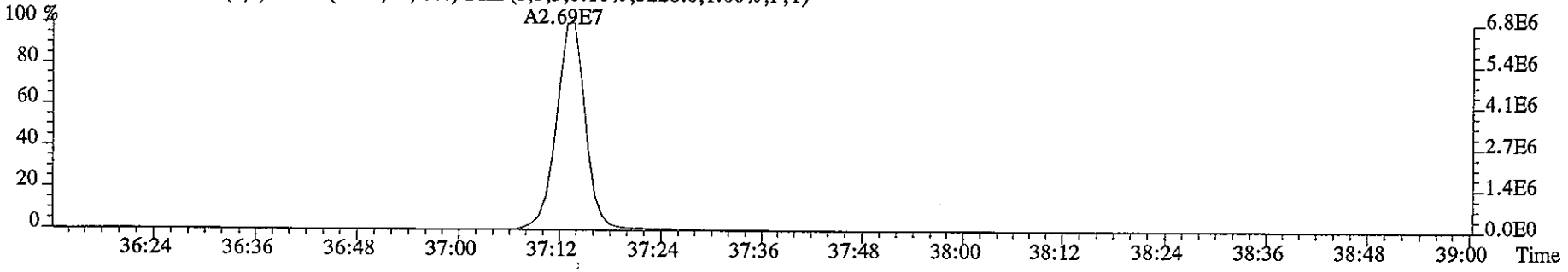
459.7348 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2912.0,1.00%,F,T)



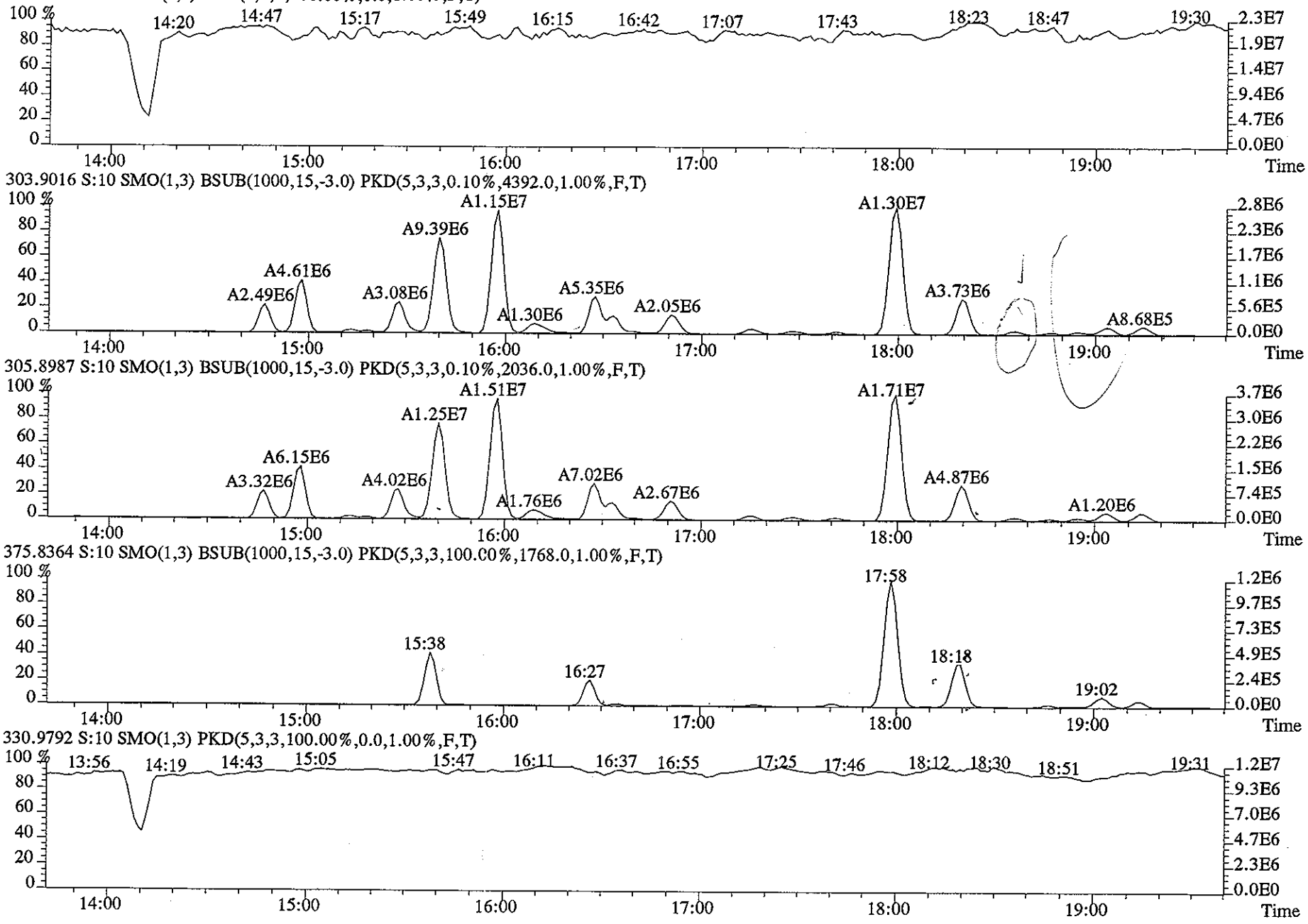
469.7779 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3172.0,1.00%,F,T)



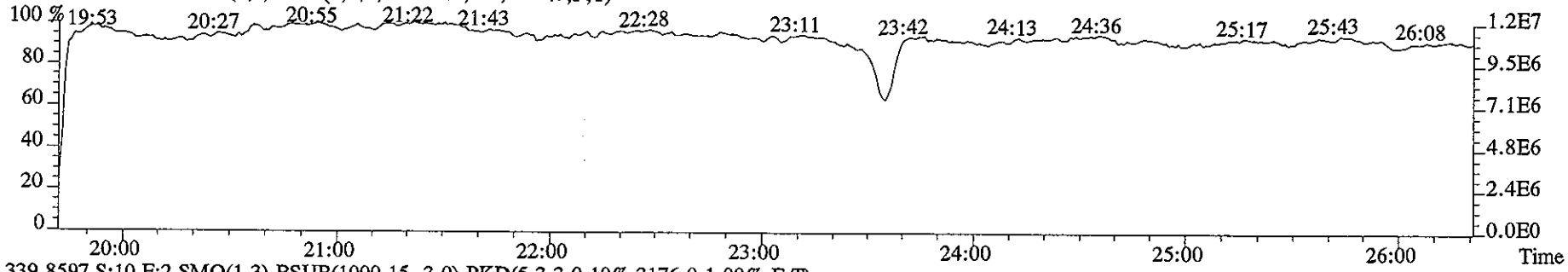
471.7750 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3228.0,1.00%,F,T)



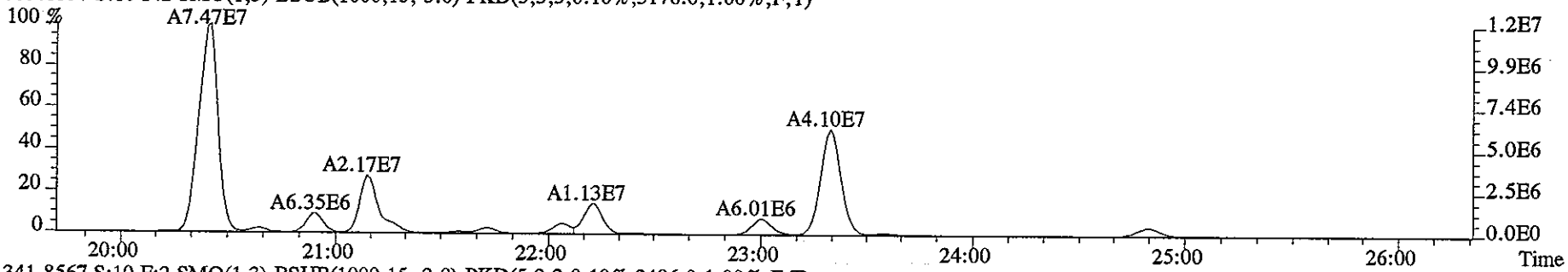
File:09JA068D5 #1-325 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN



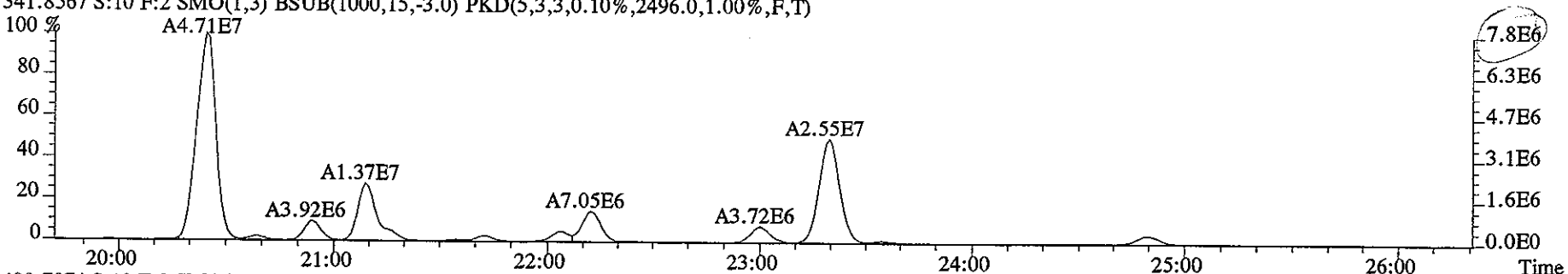
File:09JA068D5 #1-468 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN
342.9792 S:10 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



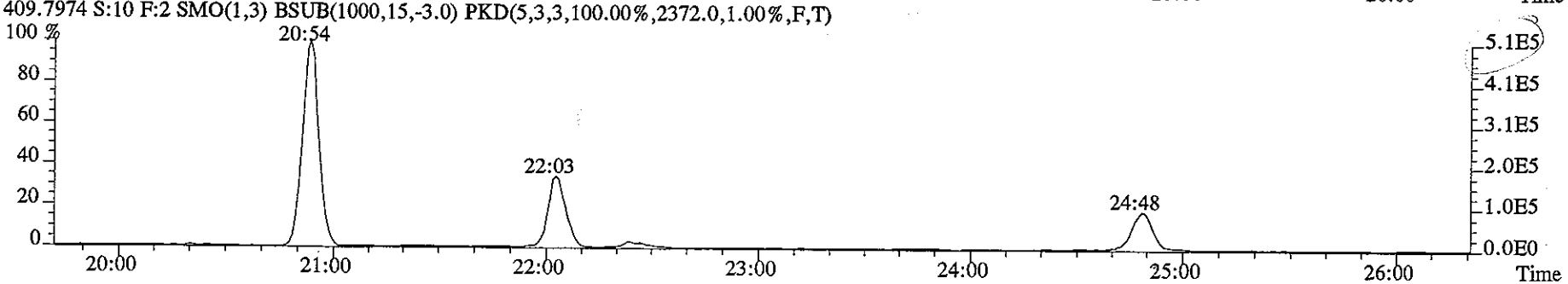
339.8597 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3176.0,1.00%,F,T)



341.8567 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2496.0,1.00%,F,T)

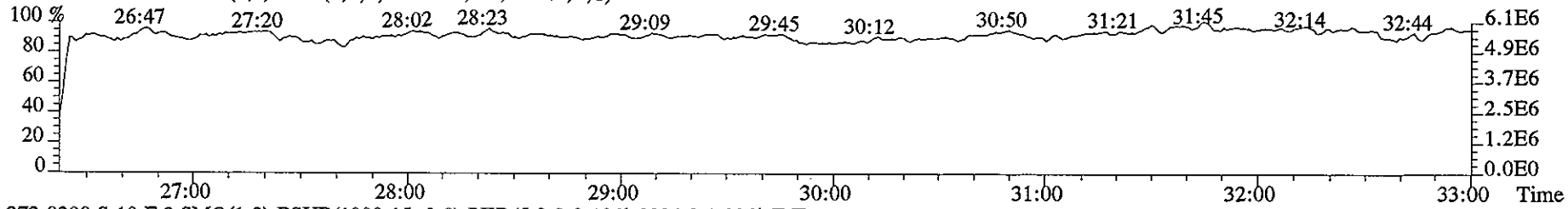


409.7974 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2372.0,1.00%,F,T)

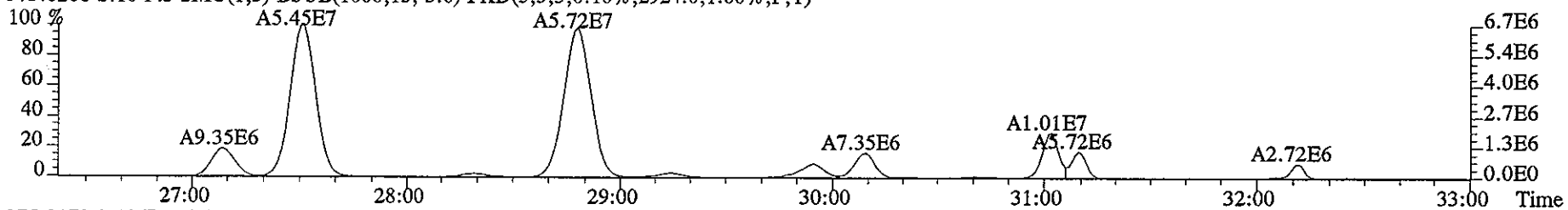


File:09JA068D5 #1-446 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN

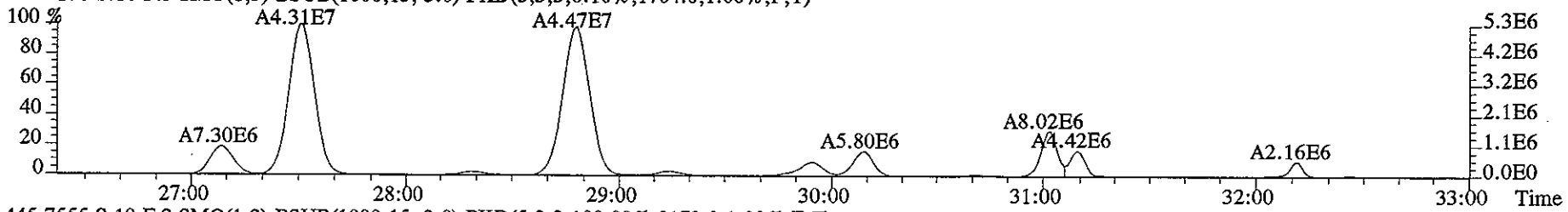
392.9760 S:10 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



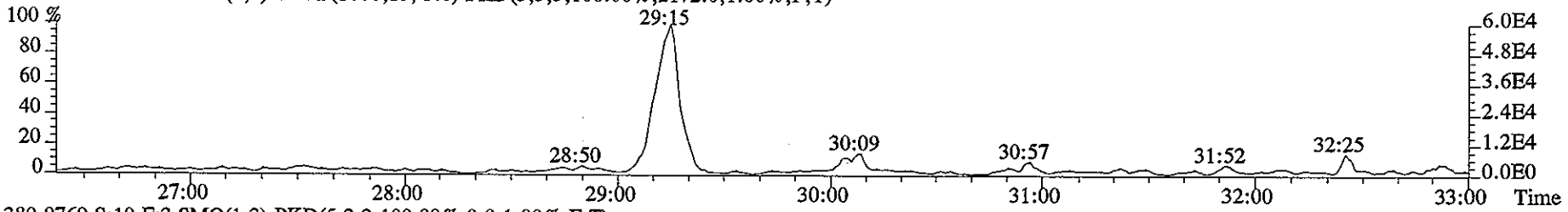
373.8208 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2924.0,1.00%,F,T)



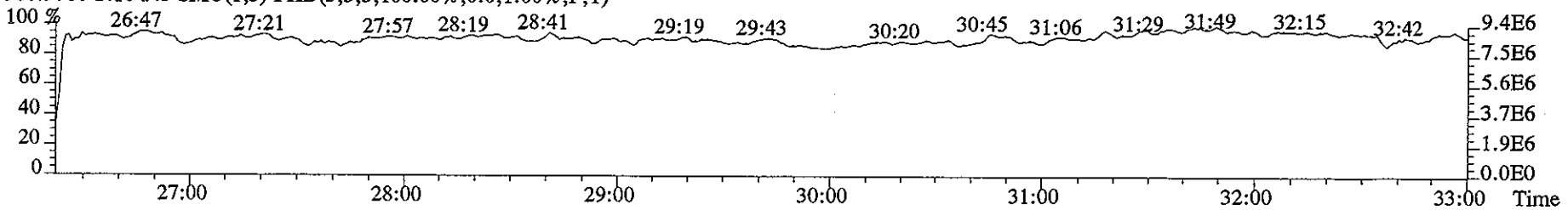
375.8178 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1704.0,1.00%,F,T)



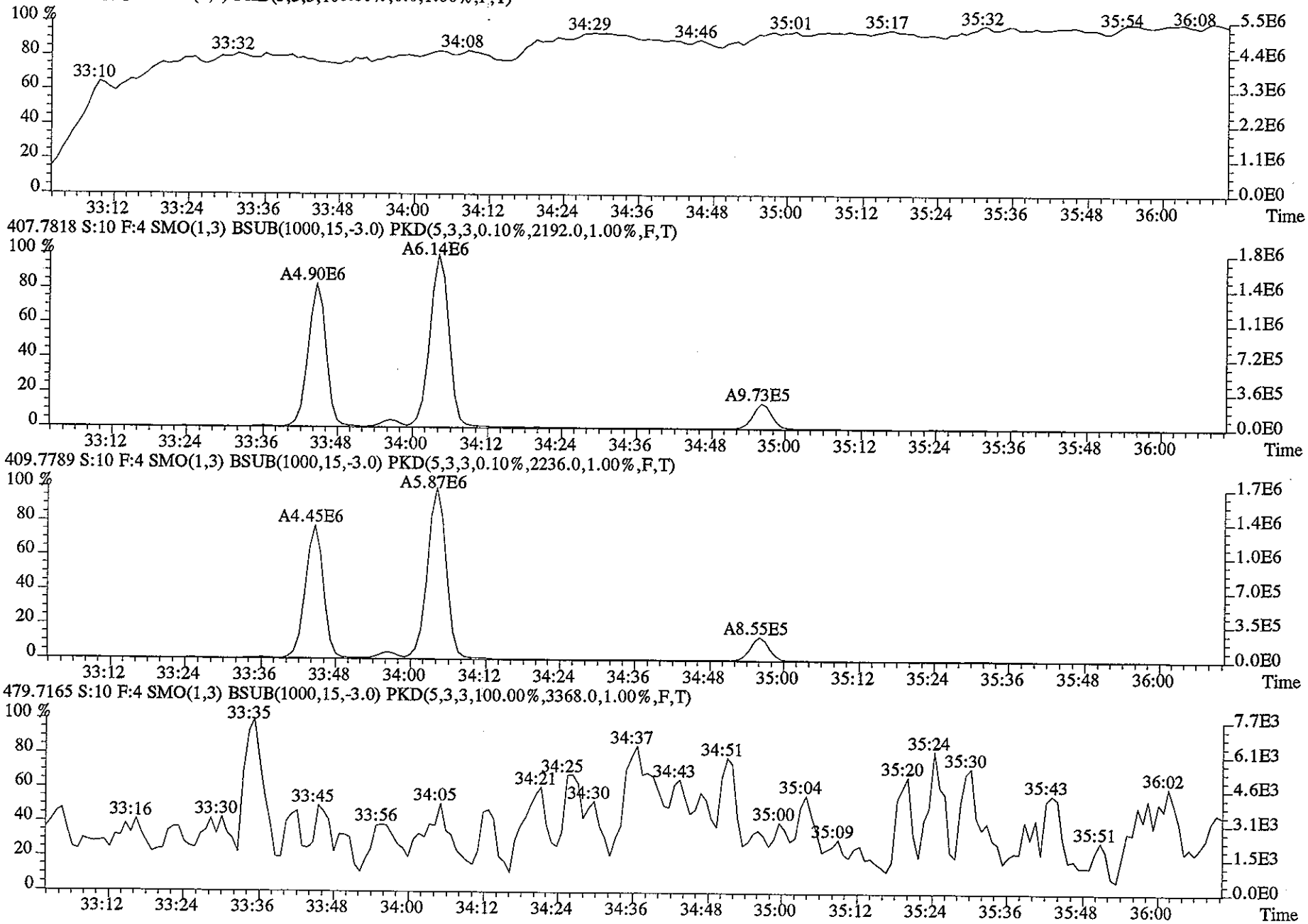
445.7555 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2172.0,1.00%,F,T)



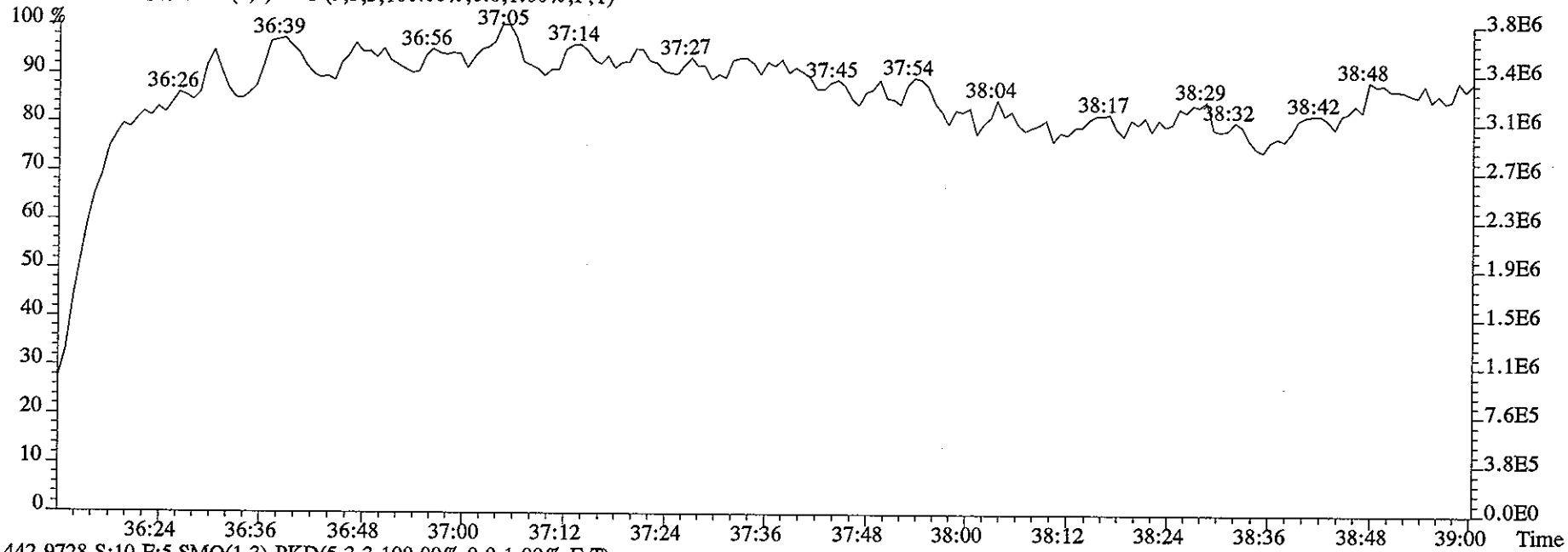
380.9760 S:10 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



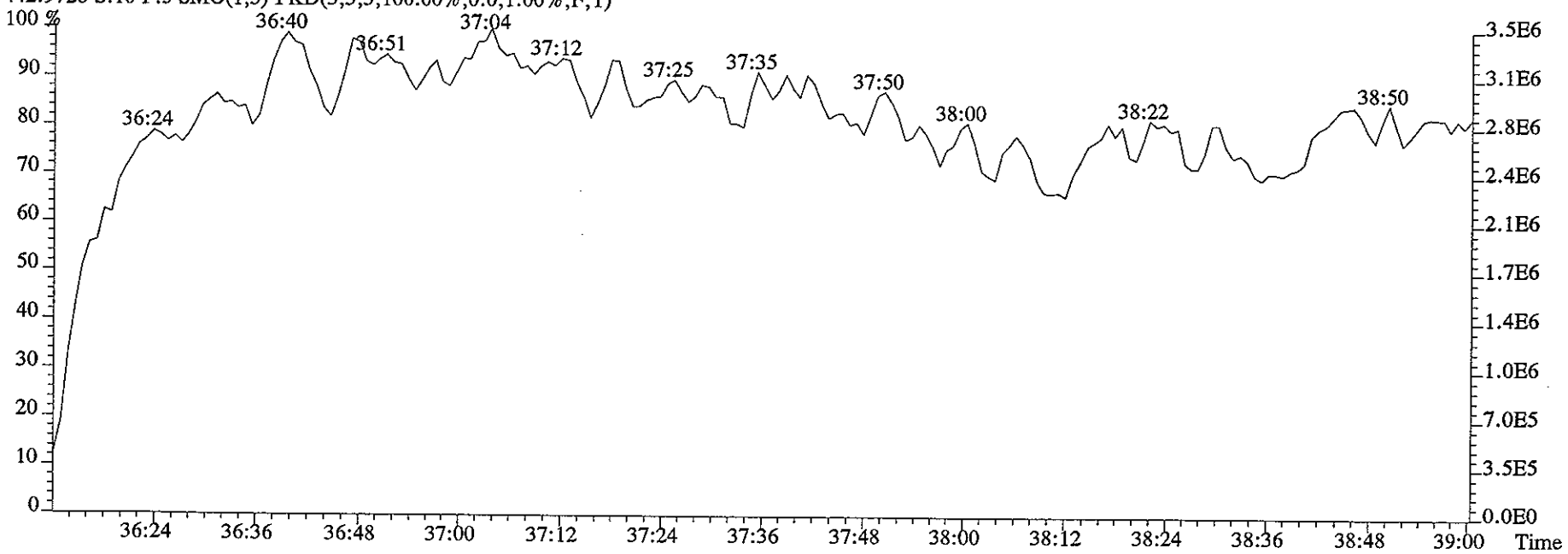
File:09JA068D5 #1-222 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN



File:09JA068D5 #1-203 Acq: 9-JAN-2006 21:43:49 GC EI+ Voltage SIR Autospec-UltimaE
Sample#10 Text:HT1V2-1-AC :G5L300272-1 Exp:DIOXIN
454.9728 S:10 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:10 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

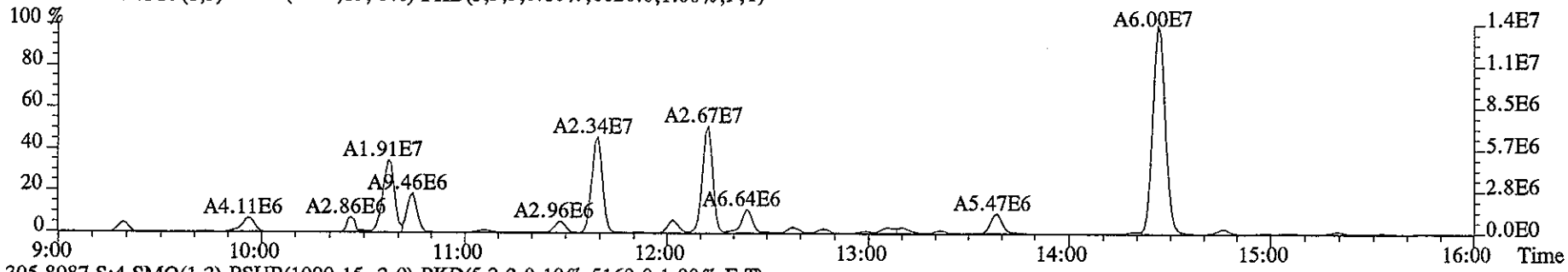


Run text: HT1V2-1-AC Sample text: HT1V2-1-AC :G5L300272-1
Run #7 Filename: 10JA067D2 S: 4 I: 1 Results: 10JA067D2DB225
Acquired: 10-JAN-06 11:34:33 Processed: 11-JAN-06 09:08:04
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

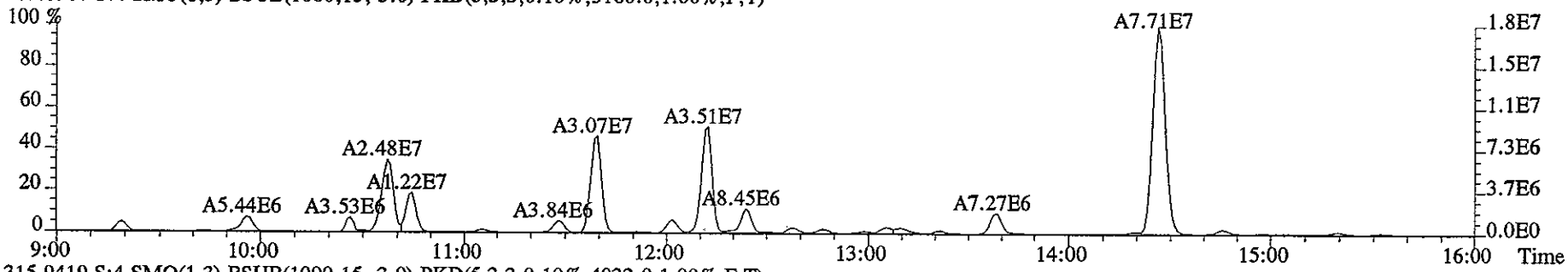
Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	107443900	0.79	y	11:42	-	5.50		-	-	n
13C-2,3,7,8-TCDF	146423100	0.84	y	12:37	1.50	182.30		0.15	91.1	n
2,3,7,8-TCDF	3438060	0.81	y	12:38	0.92	5.11	Con	0.20	-	n
13C-2,3,7,8-TCDD	73641000	0.82	y	11:30	0.81	169.73		0.22	84.9	n
2,3,7,8-TCDD	676632	0.68	y	11:31	1.23	1.49		0.11	-	n
37Cl-2,3,7,8-TCDD	83661800	1.00	y	11:30	1.96	79.32		0.04	99.2	n

1/17/06

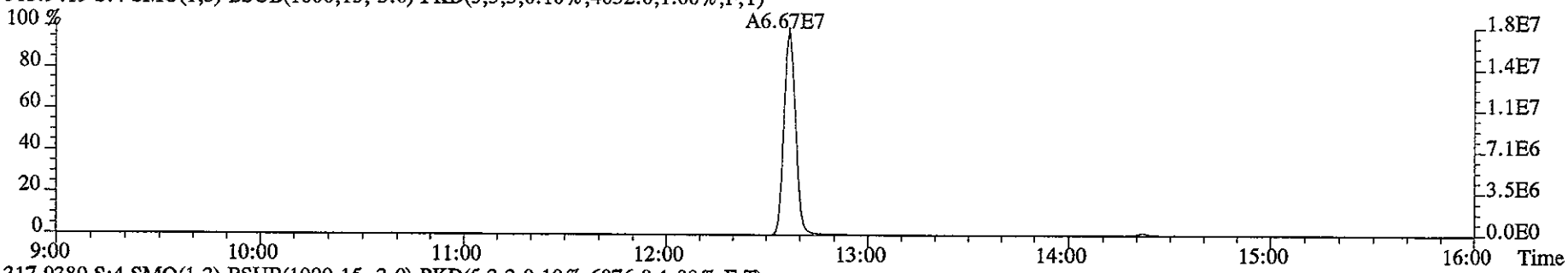
File:10JA067D2 #1-1169 Acq:10-JAN-2006 11:34:33 GC EI+ Voltage SIR 70S
Sample#4 Text:HT1V2-1-AC :G5L300272-1 Exp:DB225
303.9016 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6820.0,1.00%,F,T)



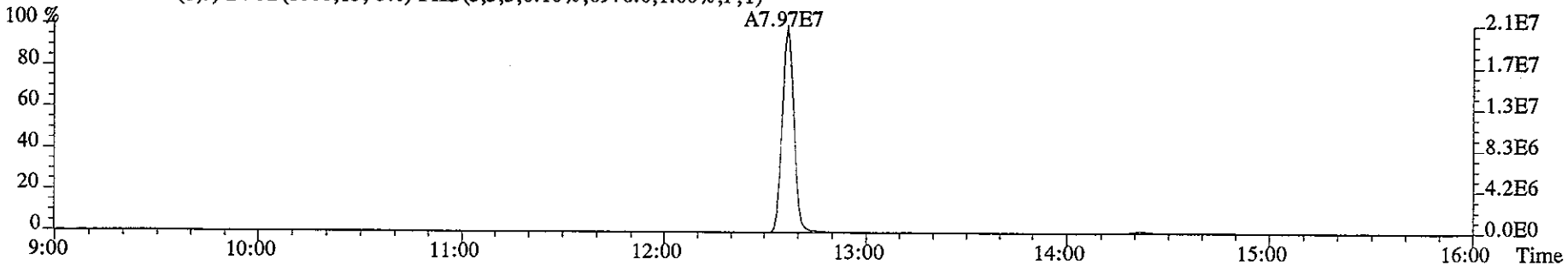
305.8987 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5160.0,1.00%,F,T)



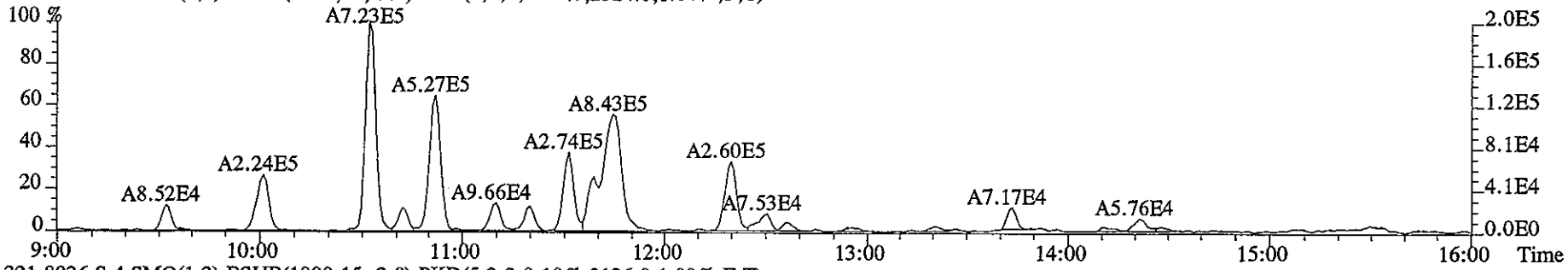
315.9419 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4032.0,1.00%,F,T)



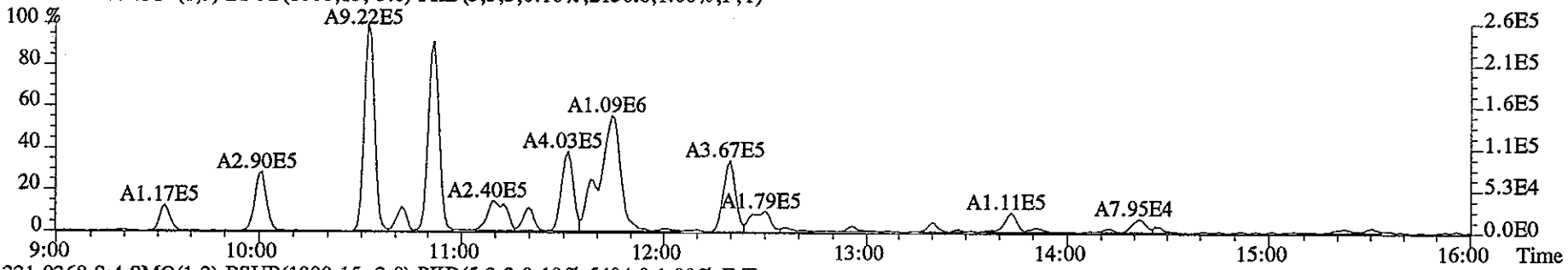
317.9389 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6976.0,1.00%,F,T)



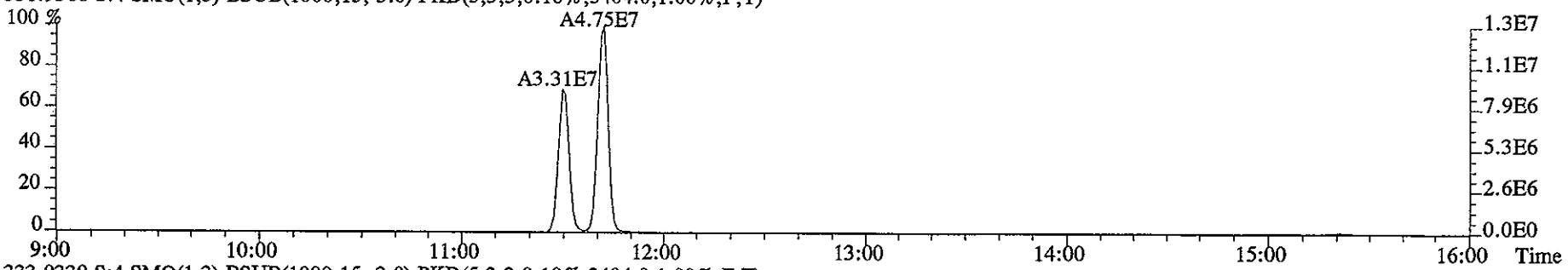
File:10JA067D2 #1-1169 Acq:10-JAN-2006 11:34:33 GC EI+ Voltage SIR 70S
Sample#4 Text:HT1V2-1-AC :G5L300272-1 Exp:DB225
319.8965 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2524.0,1.00%,F,T)



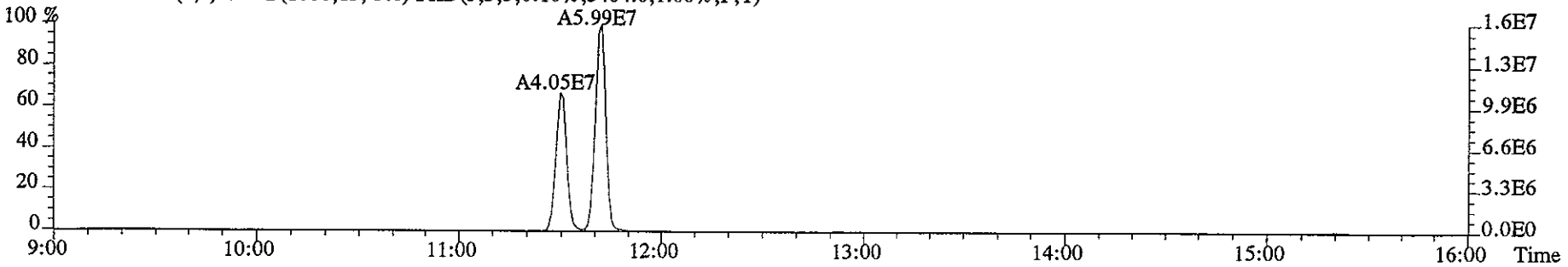
321.8936 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2136.0,1.00%,F,T)



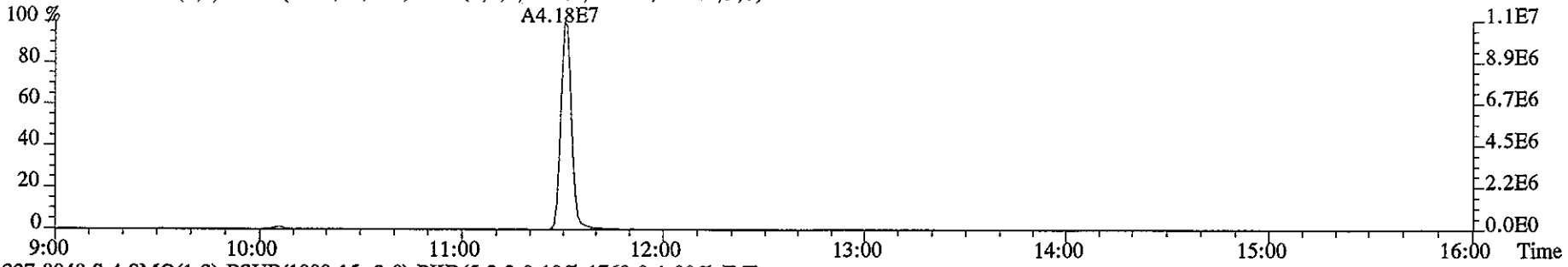
331.9368 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5404.0,1.00%,F,T)



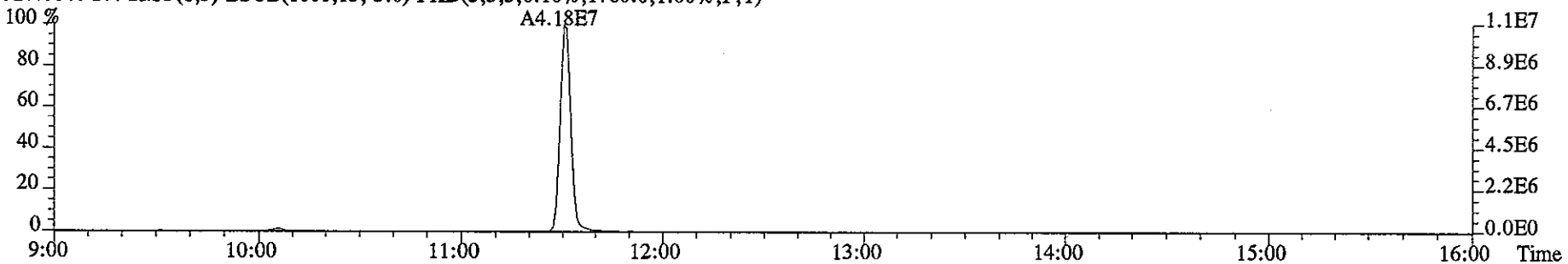
333.9339 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3404.0,1.00%,F,T)



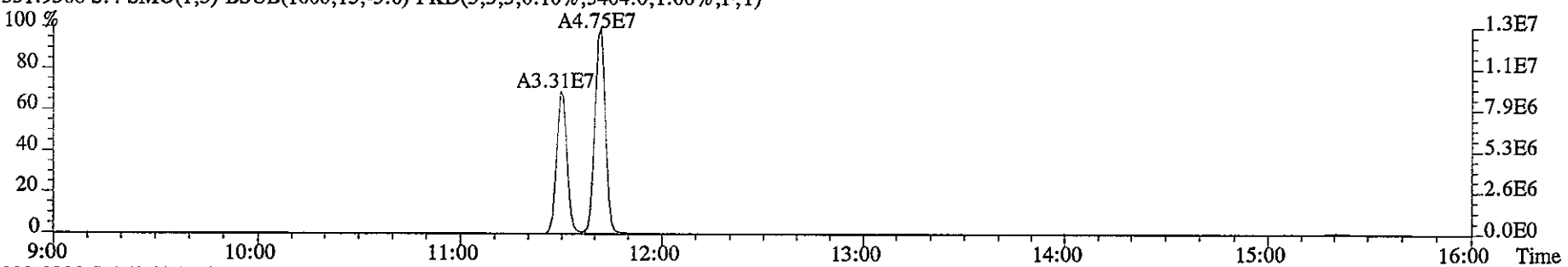
File:10JA067D2 #1-1169 Acq:10-JAN-2006 11:34:33 GC EI+ Voltage SIR 70S
Sample#4 Text:HT1V2-1-AC :G5L300272-1 Exp:DB225
327.8840 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1760.0,1.00%,F,T)



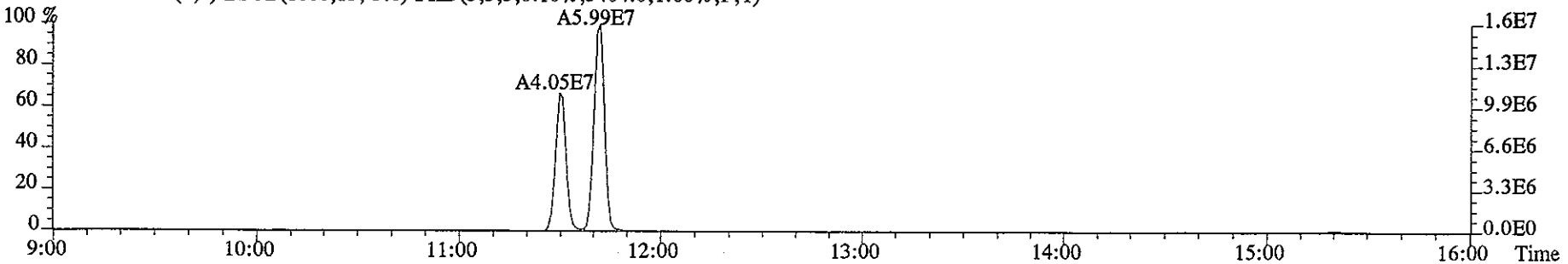
327.8840 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1760.0,1.00%,F,T)



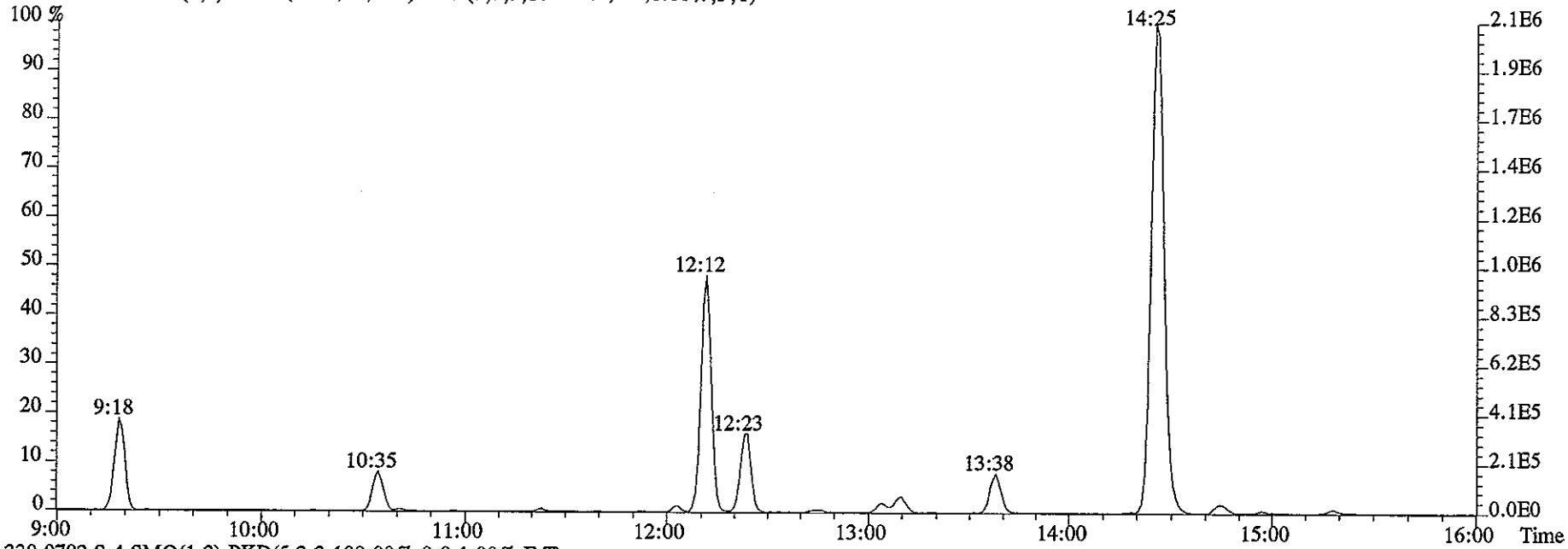
331.9368 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5404.0,1.00%,F,T)



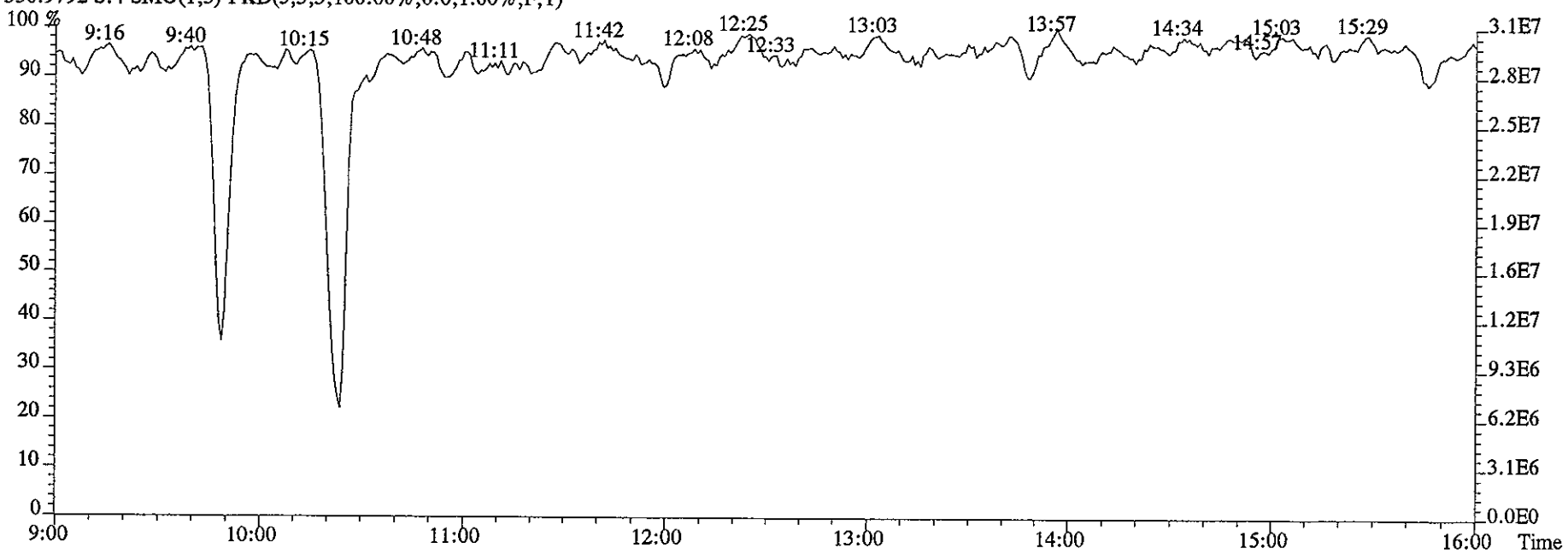
333.9339 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3404.0,1.00%,F,T)



File:10JA067D2 #1-1169 Acq:10-JAN-2006 11:34:33 GC EI+ Voltage SIR 70S
Sample#4 Text:HT1V2-1-AC :G5L300272-1 Exp:DB225
375.8364 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



330.9792 S:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2
Run #10 Filename: 09JA068D5 S: 11 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 22:25:38 Processed: 10-JAN-06 08:11:13
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	56194300	0.80	y	17:19	-	7.77	-	-	n
13C-2,3,7,8-TCDF	70102800	0.81	y	16:49	1.56	160.42	0.23	80.2	n
2,3,7,8-TCDF	3248120	0.77	y	16:51	1.00	9.26 See DB225	0.41	-	n
Total TCDF	59676534	0.75	y	14:47	1.00	~~170.21~~ 129.42	0.41	-	n
13C-2,3,7,8-TCDD	39027800	0.82	y	17:30	0.92	150.61	0.49	75.3	n
2,3,7,8-TCDD	184946	0.79	y	17:32	1.28	0.74 J	0.32	-	n
Total TCDD	2239723	0.78	y	15:39	1.28	~~8.97~~ 8.61	0.32	-	y
37Cl-2,3,7,8-TCDD	41854200	1.00	y	17:32	2.42	61.59	0.15	77.0	n
13C-1,2,3,7,8-PeCDF	60255600	1.56	y	21:41	1.34	160.03	0.27	80.0	n
1,2,3,7,8-PeCDF	1792001	1.65	y	21:42	0.95	6.25	0.53	-	n
2,3,4,7,8-PeCDF	5207010	1.56	y	23:00	1.00	17.32	0.51	-	n
Total F2 PeCDF	148942403	1.60	y	20:24	0.97	~~507.12~~	0.52	-	n
Total F1 PeCDF	24674828	0.63	n	14:47	0.97	~~84.06~~ 564.72	0.31	-	n
13C-1,2,3,7,8-PeCDD	36609100	1.59	y	23:40	0.88	147.36	0.25	73.7	n
1,2,3,7,8-PeCDD	423550	1.62	y	23:43	1.02	2.27 DC	0.64	-	n
Total PeCDD	4572696	1.47	y	20:36	1.02	~~24.51~~ 16.95	0.64	-	y
13C-1,2,3,7,8,9-HxCDD	51327700	1.29	y	31:51	-	7.16	-	-	n
13C-1,2,3,4,7,8-HxCDF	49461300	0.53	y	29:51	1.12	172.56	0.26	86.3	n
1,2,3,4,7,8-HxCDF	3540470	1.27	y	29:52	1.08	13.20	0.66	-	y
1,2,3,6,7,8-HxCDF	7447640	1.30	y	30:08	1.20	25.05	0.59	-	n
2,3,4,6,7,8-HxCDF	5772670	1.29	y	31:08	1.09	21.37	0.65	-	n
1,2,3,7,8,9-HxCDF	178008	1.24	y	32:05	1.04	0.69 DC	0.68	-	y
Total HxCDF	164503214	1.24	y	27:06	1.11	~~599.90~~ 599.21	0.64	-	y
13C-1,2,3,6,7,8-HxCDD	39569200	1.29	y	31:28	0.96	161.00	0.22	80.5	n
1,2,3,4,7,8-HxCDD	239896	1.41	y	31:22	0.87	1.39 DC	0.30	-	n
1,2,3,6,7,8-HxCDD	680144	1.29	y	31:30	0.97	3.56 J	0.27	-	n
1,2,3,7,8,9-HxCDD	401961	1.33	y	31:51	1.00	2.03 DC	0.26	-	y
Total HxCDD	7583249	1.31	y	28:37	0.95	~~40.43~~ 36.18	0.28	-	y
13C-1,2,3,4,6,7,8-HpCDF	37358800	0.50	y	33:43	0.94	155.08	0.33	77.5	n
1,2,3,4,6,7,8-HpCDF	5467590	1.07	y	33:44	1.31	22.38	0.26	-	n
1,2,3,4,7,8,9-HpCDF	674218	0.97	y	34:55	1.16	3.11 J	0.29	-	n
Total HpCDF	13379964	1.07	y	33:44	1.23	~~56.90~~ 55.22	0.28	-	n
13C-1,2,3,4,6,7,8-HpCDD	31135500	1.05	y	34:36	0.87	139.62	0.43	69.8	n
1,2,3,4,6,7,8-HpCDD	1888415	1.04	y	34:37	0.94	12.85	0.34	-	n
Total HpCDD	4037305	1.07	y	34:00	0.94	27.47	0.34	-	n
13C-OCDD	37875000	0.86	y	37:12	0.74	199.36	0.52	49.8	n

OCDF	659418	0.95	y	37:19	1.21	5.76		0.42	-	n
OCDD	5390570	0.88	y	37:13	0.98	58.32		0.60	-	n

Run text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2
Run #10 Filename: 09JA068D5 S: 11 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 22:25:38 Processed: 10-JAN-06 08:11:13
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

TDL = 0.5, 2.5, 5

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	56194300	0.80	y	17:19	-	7.77	-	-	n
13C-2,3,7,8-TCDF	70102800	0.81	y	16:49	1.56	160.42	0.23	80.2	n
2,3,7,8-TCDF	3248120	0.77	y	16:51	1.00	9.26	0.41	-	n
Total TCDF	59676534	0.75	y	14:47	1.00	~~170.21~~ ~~165.9~~ 129.42	0.41	-	n
13C-2,3,7,8-TCDD	39027800	0.82	y	17:30	0.92	150.61	0.49	75.3	n
2,3,7,8-TCDD	184946	0.79	y	17:32	1.28	0.74	0.32	-	n
Total TCDD	2554210	0.80	y	15:22	1.28	~~10.23~~ ~~6.92~~ 8.61	0.32	-	y
37Cl-2,3,7,8-TCDD	41854200	1.00	y	17:32	2.42	61.59	0.15	77.0	n
13C-1,2,3,7,8-PeCDF	60255600	1.56	y	21:41	1.34	160.03	0.27	80.0	n
1,2,3,7,8-PeCDF	1792001	1.65	y	21:42	0.95	6.25	0.53	-	n
2,3,4,7,8-PeCDF	5207010	1.56	y	23:00	1.00	17.32	0.51	-	n
Total F2 PeCDF	148942403	1.60	y	20:24	0.97	564.72 507.12	0.52	-	n
Total F1 PeCDF	24674828	0.63	n	14:47	0.97	~~84.06~~ ~~21.40~~ 585.52	0.31	-	n
13C-1,2,3,7,8-PeCDD	36609100	1.59	y	23:40	0.88	147.36	0.25	73.7	n
1,2,3,7,8-PeCDD	423550	1.62	y	23:43	1.02	~~2.27~~ 2.27=DL	0.64	-	n
Total PeCDD	4572696	1.47	y	20:36	1.02	~~24.51~~ ~~9.22~~ 16.95	0.64	-	y
13C-1,2,3,7,8,9-HxCDD	51327700	1.29	y	31:51	-	7.16	-	-	n
13C-1,2,3,4,7,8-HxCDF	49461300	0.53	y	29:51	1.12	172.56	0.26	86.3	n
1,2,3,4,7,8-HxCDF	4586760	1.26	y	29:52	1.08	~~17.10~~ 13.20	0.66	-	n
1,2,3,6,7,8-HxCDF	7447640	1.30	y	30:08	1.20	25.05	0.59	-	n
2,3,4,6,7,8-HxCDF	5772670	1.29	y	31:08	1.09	21.37	0.65	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.04	0.69 DL	0.68	-	n
Total HxCDF	165850482	1.24	y	27:06	1.11	~~604.86~~ ~~603.17~~ 599.21	0.64	-	n
13C-1,2,3,6,7,8-HxCDD	39569200	1.29	y	31:28	0.96	161.00	0.22	80.5	n
1,2,3,4,7,8-HxCDD	239896	1.41	y	31:22	0.87	1.39=DL	0.30	-	n
1,2,3,6,7,8-HxCDD	680144	1.29	y	31:30	0.97	3.56	0.27	-	n
1,2,3,7,8,9-HxCDD	556584	1.28	y	31:51	1.00	~~2.81~~ 2.03DL	0.26	-	n
Total HxCDD	7651296	1.31	y	28:37	0.95	~~40.75~~ ~~38.99~~ 36.18	0.28	-	n
13C-1,2,3,4,6,7,8-HpCDF	37358800	0.50	y	33:43	0.94	155.08	0.33	77.5	n
1,2,3,4,6,7,8-HpCDF	5467590	1.07	y	33:44	1.31	22.38	0.26	-	n
1,2,3,4,7,8,9-HpCDF	674218	0.97	y	34:55	1.16	3.11	0.29	-	n
Total HpCDF	13379964	1.07	y	33:44	1.23	~~56.90~~ 55.22	0.28	-	n
13C-1,2,3,4,6,7,8-HpCDD	31135500	1.05	y	34:36	0.87	139.62	0.43	69.8	n
1,2,3,4,6,7,8-HpCDD	1888415	1.04	y	34:37	0.94	12.85	0.34	-	n
Total HpCDD	4037305	1.07	y	34:00	0.94	27.47	0.34	-	n
13C-OCDD	37875000	0.86	y	37:12	0.74	199.36	0.52	49.8	n

AK 1/16/06

OCDF	659418	0.95	y	37:19	1.21	5.76	0.42	-	n
OCDD	5390570	0.88	y	37:13	0.98	58.32	0.60	-	n

Run text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2
Run #10 Filename: 09JA068D5 S: 11 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 22:25:38 Processed: 10-JAN-06 08:11:13
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000╖g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	56194300	0.80	y	17:19	-	7.77	-	-	n
13C-2,3,7,8-TCDF	70102800	0.81	y	16:49	1.56	160.42	0.23	80.2	n
2,3,7,8-TCDF	3248120	0.77	y	16:51	1.00	9.26	0.41	-	n
Total TCDF	59676534	0.75	y	14:47	1.00	170.21	0.41	-	n
13C-2,3,7,8-TCDD	39027800	0.82	y	17:30	0.92	150.61	0.49	75.3	n
2,3,7,8-TCDD	184946	0.79	y	17:32	1.28	0.74	0.32	-	n
Total TCDD	2361792	0.80	y	15:22	1.28	9.45	0.32	-	n
37Cl-2,3,7,8-TCDD	41854200	1.00	y	17:32	2.42	61.59	0.15	77.0	n
13C-1,2,3,7,8-PeCDF	60255600	1.56	y	21:41	1.34	160.03	0.27	80.0	n
1,2,3,7,8-PeCDF	1792001	1.65	y	21:42	0.95	6.25	0.53	-	n
2,3,4,7,8-PeCDF	5207010	1.56	y	23:00	1.00	17.32	0.51	-	n
Total F2 PeCDF	148942403	1.60	y	20:24	0.97	507.12	0.52	-	n
Total F1 PeCDF	24674828	0.63	n	14:47	0.97	84.06	0.31	-	n
13C-1,2,3,7,8-PeCDD	36609100	1.59	y	23:40	0.88	147.36	0.25	73.7	n
1,2,3,7,8-PeCDD	423550	1.62	y	23:43	1.02	2.27	0.64	-	n
Total PeCDD	4545727	1.47	y	20:36	1.02	24.36	0.64	-	n
13C-1,2,3,7,8,9-HxCDD	51327700	1.29	y	31:51	-	7.16	-	-	n
13C-1,2,3,4,7,8-HxCDF	49461300	0.53	y	29:51	1.12	172.56	0.26	86.3	n
1,2,3,4,7,8-HxCDF	4586760	1.26	y	29:52	1.08	17.10	0.66	-	n
1,2,3,6,7,8-HxCDF	7447640	1.30	y	30:08	1.20	25.05	0.59	-	n
2,3,4,6,7,8-HxCDF	5772670	1.29	y	31:08	1.09	21.37	0.65	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.04	*	0.68	-	n
Total HxCDF	165850482	1.24	y	27:06	1.11	604.86	0.64	-	n
13C-1,2,3,6,7,8-HxCDD	39569200	1.29	y	31:28	0.96	161.00	0.22	80.5	n
1,2,3,4,7,8-HxCDD	239896	1.41	y	31:22	0.87	1.39	0.30	-	n
1,2,3,6,7,8-HxCDD	680144	1.29	y	31:30	0.97	3.56	0.27	-	n
1,2,3,7,8,9-HxCDD	556584	1.28	y	31:51	1.00	2.81	0.26	-	n
Total HxCDD	7651296	1.31	y	28:37	0.95	40.75	0.28	-	n
13C-1,2,3,4,6,7,8-HpCDF	37358800	0.50	y	33:43	0.94	155.08	0.33	77.5	n
1,2,3,4,6,7,8-HpCDF	5467590	1.07	y	33:44	1.31	22.38	0.26	-	n
1,2,3,4,7,8,9-HpCDF	674218	0.97	y	34:55	1.16	3.11	0.29	-	n
Total HpCDF	13379964	1.07	y	33:44	1.23	56.90	0.28	-	n
13C-1,2,3,4,6,7,8-HpCDD	31135500	1.05	y	34:36	0.87	139.62	0.43	69.8	n
1,2,3,4,6,7,8-HpCDD	1888415	1.04	y	34:37	0.94	12.85	0.34	-	n
Total HpCDD	4037305	1.07	y	34:00	0.94	27.47	0.34	-	n
13C-OCDD	37875000	0.86	y	37:12	0.74	199.36	0.52	49.8	n
OCDF	659418	0.95	y	37:19	1.21	5.76	0.42	-	n
OCDD	5390570	0.88	y	37:13	0.98	58.32	0.60	-	n

Totals B (1-9)

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:20
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	1702.13	of which	92.64	named and	1609.49	unnamed			
Conc:	170.21	of which	9.26	named and	160.95	unnamed			

~~40.79~~

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:47	0.75	y	4.45	667906	29.3	y	n
						892161	45.0	y	n
	2	14:58	0.78	y	15.67	2401800	107.6	y	n
						3092740	159.5	y	n
	3	15:12	0.75	y	2.21	331913	8.6	y	n
						441275	13.6	y	n
	4	15:28	0.77	y	9.89	1512630	62.7	y	n
						1953630	92.8	y	n
	5	15:40	0.79	y	31.53 H	4874960	196.1	y	n
						6179430	284.4	y	n
	6	15:57	0.78	y	42.67	6562970	283.5	y	n
						8395910	413.3	y	n
	7	16:09	0.73	y	6.46	955893	24.6	y	n
						1310430	39.5	y	n
	8	16:27	0.76	y	~~12.42~~ DPE	~~1887750~~	61.4	y	n
						2467670	92.2	y	n
	9	16:40	0.81	y	0.96	150821	6.1	y	n
						187002	8.6	y	n
2,3,7,8-TCDF	10	16:51	0.77	y	9.26	1414000	49.3	y	n
						1834120	73.6	y	n
	11	17:15	0.68	y	2.81	398080	15.4	y	n
						587634	24.7	y	n
	12	17:27	0.72	y	2.22	325351	10.6	y	n
						454021	16.9	y	n
	13	17:40	0.65	n	~~0.48~~	73229	2.6	n	n
						112532	4.8	y	n
	14	17:59	0.78	y	~~18.43~~ DPE	2827440	107.7	y	n
						3633380	157.3	y	n
	15	18:19	0.72	y	~~4.55~~ DPE	668568	26.3	y	n
						926878	40.2	y	n

16	18:36	0.77	y	1.28	194740	6.6	y	n
					253048	9.7	y	n
17	18:46	0.68	y	0.42	59629	2.1	n	n
					87350	3.3	y	n
18	18:54	0.77	y	1.09	165666	6.0	y	n
					216286	8.7	y	n
19	19:03	0.81	y	1.29	202908	7.8	y	n
					250732	10.0	y	n
20	19:14	0.71	y	2.11	308329	10.5	y	n
					433153	16.8	y	n

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? yes #Hom:10
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	102.25 of which	7.40 named and	94.85 unnamed
Conc:	10.23 of which	0.74 named and	9.48 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:22	0.80	y	0.34	38128	3.1	y	n
						47493	4.3	y	n
	2	15:39	0.78	y	1.15	125886	10.7	y	n
						161015	13.6	y	n
	3	15:52	0.73	y	0.32	33420	2.7	n	n
						46030	3.6	y	n
	4	16:26	0.88	y	3.55	415127	29.4	y	n
						471370	33.8	y	n
	5	16:40	1.42	n	0.79	159107	3.6	y	y
						111816	4.1	y	n
	6	17:01	0.98	n	1.08	149333	10.8	y	y
						152010	12.0	y	n
	7	17:25	0.55	n	1.19	129461	9.0	y	n
						235891	12.2	y	n
2,3,7,8-TCDD	8	17:32	0.79	y	0.74	81688	5.5	y	n
						103258	7.4	y	n
	9	17:51	0.69	y	0.82	84133	6.6	y	n
						121221	8.7	y	n
	10	18:35	0.93	n	0.24	31915	1.9	n	y
						34395	2.3	n	y

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? yes #Hom:7
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	89.66 of which	7.40 named and	82.26	unnamed
Conc:	8.97 of which	0.74 named and	8.23	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:39	0.78	y	1.15	125886	10.7	y	n
						161015	13.6	y	n
	2	16:26	0.88	y	3.55	415127	29.4	y	n
						471370	33.8	y	n
	3	17:01	0.81	y	1.10	123024	9.9	y	y
						152010	12.0	y	n
	4	17:17	0.80	y	0.36	40119	2.4	n	n
						50297	3.3	y	y
	5	17:25	0.71	y	1.24	129461	9.0	y	n
						181115	12.2	y	y
2,3,7,8-TCDD	6	17:32	0.79	y	0.74	81688	5.5	y	n
						103258	7.4	y	n
	7	17:51	0.69	y	0.82	84133	6.6	y	n
						121221	8.7	y	n

P9
2A

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:12
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount: 5071.16 of which 235.78 named and 4835.38 unnamed
Conc: 507.12 of which 23.58 named and 483.54 unnamed

23.60

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	20:24	1.60	y	231.40	41851200	1248.8	y	n	
						26076100	1058.4	y	n	
	2	20:37	1.52	y	5.25	930197	30.8	y	n	
						610493	27.0	y	n	
	3	20:54	1.54	y	9.78 DPE	1740750	62.5	y	n	
						1131110	53.6	y	n	
	4	21:08	1.57	y	65.68	11781900	357.6	y	n	
						7497510	305.5	y	n	
	5	21:35	1.54	y	1.68	299837	11.0	y	n	
						194496	9.8	y	n	
1,2,3,7,8-PeCDF	6	21:42	1.65	y	6.25	1114670	38.3	y	n	
						677331	32.3	y	n	
	7	22:04	1.71	y	5.40 DPE	998786	33.3	y	n	
						585322	27.8	y	n	
	8	22:12	1.61	y	32.82	5946720	193.6	y	n	
						3688810	166.1	y	n	
2,3,4,7,8-PeCDF	9	23:00	1.56	y	17.32	3174860	97.1	y	n	
						2032150	84.2	y	n	
	10	23:20	1.58	y	124.58	22423100	674.2	y	n	
						14148700	574.1	y	n	
	11	23:35	1.52	y	1.87	331373	9.6	y	n	
						218072	8.7	y	n	
	12	24:50	1.60	y	5.07 DPE	917204	23.2	y	n	
						571712	20.8	y	n	

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:5
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount: 840.56 of which * named and 840.56 unnamed

Conc: 84.06 of which * named and 84.06 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:47	0.63	n	1.01	180712	20.1	y	n
						288386	25.2	y	n
	2	15:31	0.69	n	0.12	21053	2.6	n	n
						30728	2.5	n	n
	3	16:33	0.69	n	0.94	168412	15.7	y	n
						243484	17.8	y	n
	4	17:58	1.67	y	0.59	107548	10.6	y	n
						64509	4.9	y	n
	5	18:53	1.57	y	81.40	14600000	1356.5	y	n
						9293770	634.8	y	n

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? yes #Hom:11
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	245.08 of which	22.70 named and	222.38 unnamed
Conc:	24.51 of which	2.27 named and	22.24 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:36	1.47	y	6.74	747314	42.8	y	n
						509506	31.5	y	n
	2	21:18	1.70	y	0.48	55951	3.4	y	n
						32974	2.4	n	n
	3	21:44	1.64	y	2.62	303425	17.4	y	n
						185012	11.5	y	n
	4	21:59	1.53	y	2.82	318065	17.8	y	n
						208082	12.6	y	n
	5	22:16	1.52	y	2.30	259203	14.9	y	n
						170507	10.2	y	n
	6	22:34	1.82	n	0.24	31645	2.7	n	n
						17353	1.6	n	y
	7	22:45	1.62	y	4.77	549379	24.3	y	n
						339933	16.5	y	y
	8	23:06	2.18	n	0.56	89988	5.2	y	n
						41219	2.6	n	n
1,2,3,7,8-PeCDD	9	23:43	1.62	y	2.27	261708	12.4	y	n
						161842	9.4	y	n
	10	24:00	2.09	n	0.42	64252	3.5	y	y
						30731	2.2	n	n
	11	24:40	1.49	y	1.30	144808	6.9	y	n
						97267	5.3	y	n

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:12
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	6048.63 of which	635.12 named and	5413.51 unnamed
Conc:	604.86 of which	63.51 named and	541.35 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:06	1.24	y	36.20	5469690	254.4	y	n
						4428590	115.9	y	n
	2	27:29	1.28	y	219.79	33698100	1492.4	y	n
						26407200	671.5	y	n
	3	28:17	1.23	y	4.18	630026	28.4	y	n
						512239	13.4	y	n
	4	28:46	1.28	y	228.76	35169800	1438.6	y	n
						27389300	646.1	y	n
	5	29:14	1.08	y	3.18 DP2	451316	20.9	y	n
						417072	10.2	y	n
1,2,3,4,7,8-HxCDF	6	29:52	1.26	y	17.10	2559810	102.3	y	n
						2026950	47.7	y	n
1,2,3,6,7,8-HxCDF	7	30:08	1.30	y	25.05	4208550	225.2	y	n
						3239090	98.2	y	n
	8	30:39	1.27	y	1.46	223626	11.2	y	n
						176157	4.9	y	n
	9	31:00	1.24	y	38.28	5804800	401.7	y	n
						4663280	186.1	y	n
2,3,4,6,7,8-HxCDF	10	31:08	1.29	y	21.37	3253320	228.1	y	n
						2519350	105.8	y	n
	11	32:11	1.24	y	9.29	1408360	107.3	y	n
						1131380	53.2	y	n
	12	32:25	1.10	y	0.23	32691	2.8	n	n
						29785	1.9	n	n

See PE 6A

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? yes #Hom:11
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	5999.01	of which	603.02	named and	5396.00	unnamed			
Conc:	599.90	of which	60.30	named and	539.60	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:06	1.24	y	36.20	5469690	254.4	y	n
						4428590	115.9	y	n
	2	27:29	1.28	y	219.79	33698100	1492.4	y	n
						26407200	671.5	y	n
	3	28:17	1.23	y	4.18	630030	28.4	y	n
						512239	13.4	y	n
	4	28:46	1.28	y	228.76	35169800	1438.6	y	n
						27389300	646.1	y	n
	5	29:49	1.25	y	3.82	580699	56.6	y	y
						463318	27.2	y	y
1,2,3,4,7,8-HxCDF	6	29:52	1.27	y	13.20	1979250	102.4	y	y
						1561220	47.7	y	y
1,2,3,6,7,8-HxCDF	7	30:08	1.30	y	25.05	4208550	225.2	y	n
						3239090	98.2	y	n
	8	31:00	1.24	y	38.28	5804810	401.7	y	n
						4663280	186.1	y	n
2,3,4,6,7,8-HxCDF	9	31:08	1.29	y	21.37	3253320	228.1	y	n
						2519350	105.8	y	n
1,2,3,7,8,9-HxCDF	10	32:05	1.24	y	0/69	98650	10.0	y	y
						79358	4.4	y	y
	11	32:11	1.24	y	8.58	1298820	107.2	y	y
						1048550	53.2	y	y

PG

6A

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:7
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	407.51 of which	77.63 named and	329.88	unnamed
Conc:	40.75 of which	7.76 named and	32.99	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:37	1.31	y	9.45	1002170	62.3	y	n
						766185	49.8	y	n
	2	29:58	1.35	y	4.47	480283	31.8	y	n
						355946	26.1	y	n
	3	30:27	1.26	y	18.71	1951110	169.7	y	n
						1550140	137.4	y	n
	4	30:42	1.00	n	0.37	38107	2.9	n	n
						38145	3.4	y	n
1,2,3,4,7,8-HxCDD	5	31:22	1.41	y	1.38	140361	15.9	y	n
						99535	13.6	y	n
1,2,3,6,7,8-HxCDD	6	31:30	1.29	y	3.56	382874	42.9	y	n
						297270	32.7	y	n
1,2,3,7,8,9-HxCDD	7	31:51	1.28	y	2.81	312539	30.9	y	n
						244045	23.8	y	n

See pg 7A

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:4
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	569.04 of which	254.94 named and	314.10	unnamed
Conc:	56.90 of which	25.49 named and	31.41	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,6,7,8-HpCDF	1	33:44	1.07	y	22.38	2828120	247.6	y	n
						2639470	281.3	y	n
	2	33:56	1.15	y	1.68	206878	16.3	y	n
						179168	17.2	y	n
	3	34:03	1.01	y	29.74	3438930	287.8	y	n
						3413180	347.9	y	n
1,2,3,4,7,8,9-HpCDF	4	34:55	0.97	y	3.11	331130	27.2	y	n

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? yes #Hom:7
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	404.31	of which	69.81	named and	334.50	unnamed			
Conc:	40.43	of which	6.98	named and	33.45	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:37	1.31	y	9.45	1002170	62.3	y	n
						766185	49.8	y	n
	2	29:58	1.35	y	4.47	480286	31.8	y	n
						355946	26.1	y	n
	3	30:27	1.26	y	18.71	1951110	169.7	y	n
						1550140	137.4	y	n
1,2,3,4,7,8-HxCDD	4	31:22	1.41	y	1.39	140361	15.9	y	n
						99535	13.6	y	n
1,2,3,6,7,8-HxCDD	5	31:30	1.29	y	3.56	382874	42.9	y	n
						297270	32.7	y	n
	6	31:49	1.18	y	0.83	84045	20.8	y	y
						71366	17.8	y	y
1,2,3,7,8,9-HxCDD	7	31:51	1.33	y	2.03	229123	31.0	y	y
						172838	23.9	y	y

PJ

7A

					343088	33.4	y n

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:2
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	274.70	of which	128.49 named and	146.21 unnamed
Conc:	27.47	of which	12.85 named and	14.62 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	34:00	1.07	y	14.62	1112010	149.1	y	n
						1036880	122.7	y	n
1,2,3,4,6,7,8-HpCDD	2	34:37	1.04	y	12.85	962088	125.5	y	n
						926327	105.9	y	n

Totals 1-9A

see Totals 1-9B

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:20
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	1702.13 of which	92.64 named and	1609.49 unnamed
Conc:	170.21 of which	9.26 named and	160.95 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:47	0.75	y	4.45	667906	29.3	y	n
						892161	45.0	y	n
	2	14:58	0.78	y	15.67	2401800	107.6	y	n
						3092740	159.5	y	n
	3	15:12	0.75	y	2.21	331913	8.6	y	n
						441275	13.6	y	n
	4	15:28	0.77	y	9.89	1512630	62.7	y	n
						1953630	92.8	y	n
	5	15:40	0.79	y	31.53	4874960	196.1	y	n
						6179430	284.4	y	n
	6	15:57	0.78	y	42.67	6562970	283.5	y	n
						8395910	413.3	y	n
	7	16:09	0.73	y	6.46	955893	24.6	y	n
						1310430	39.5	y	n
	8	16:27	0.76	y	12.42	1887750	61.4	y	n
						2467670	92.2	y	n
	9	16:40	0.81	y	0.96	150821	6.1	y	n
						187002	8.6	y	n
2,3,7,8-TCDF	10	16:51	0.77	y	9.26	1414000	49.3	y	n
						1834120	73.6	y	n
	11	17:15	0.68	y	2.81	398080	15.4	y	n
						587634	24.7	y	n
	12	17:27	0.72	y	2.22	325351	10.6	y	n
						454021	16.9	y	n
	13	17:40	0.65	n	0.48	73229	2.6	n	n
						112532	4.8	y	n
	14	17:59	0.78	y	18.43	2827440	107.7	y	n
						3633380	157.3	y	n
	15	18:19	0.72	y	4.55	668568	26.3	y	n
						926878	40.2	y	n

16	18:36	0.77	y	1.28	194740	6.6	y	n
					253048	9.7	y	n
17	18:46	0.68	y	0.42	59629	2.1	n	n
					87350	3.3	y	n
18	18:54	0.77	y	1.09	165666	6.0	y	n
					216286	8.7	y	n
19	19:03	0.81	y	1.29	202908	7.8	y	n
					250732	10.0	y	n
20	19:14	0.71	y	2.11	308329	10.5	y	n
					433153	16.8	y	n

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:9
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	94.55 of which	7.40 named and	87.15 unnamed
Conc:	9.45 of which	0.74 named and	8.71 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:22	0.80	y	0.34	38128	3.1	y	n
						47493	4.3	y	n
	2	15:39	0.78	y	1.15	125886	10.7	y	n
						161015	13.6	y	n
	3	15:52	0.73	y	0.32	33420	2.7	n	n
						46030	3.6	y	n
	4	16:26	0.88	y	3.55	415127	29.4	y	n
						471370	33.8	y	n
	5	17:01	0.81	y	1.10	122543	9.9	y	n
						152010	12.0	y	n
	6	17:25	0.55	n	1.19	129461	9.0	y	n
						235891	12.2	y	n
2,3,7,8-TCDD	7	17:32	0.79	y	0.74	81688	5.5	y	n
						103258	7.4	y	n
	8	17:51	0.69	y	0.82	84133	6.6	y	n
						121221	8.7	y	n
	9	18:35	0.93	n	0.24	31916	1.9	n	n
						34396	2.3	n	n

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:12
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount: 5071.16 of which 235.78 named and 4835.38 unnamed
Conc: 507.12 of which 23.58 named and 483.54 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	20:24	1.60	y	231.40	41851200	1248.8	y	n	
						26076100	1058.4	y	n	
	2	20:37	1.52	y	5.25	930197	30.8	y	n	
						610493	27.0	y	n	
	3	20:54	1.54	y	9.78	1740750	62.5	y	n	
						1131110	53.6	y	n	
	4	21:08	1.57	y	65.68	11781900	357.6	y	n	
						7497510	305.5	y	n	
	5	21:35	1.54	y	1.68	299837	11.0	y	n	
						194496	9.8	y	n	
1,2,3,7,8-PeCDF	6	21:42	1.65	y	6.25	1114670	38.3	y	n	
						677331	32.3	y	n	
	7	22:04	1.71	y	5.40	998786	33.3	y	n	
						585322	27.8	y	n	
	8	22:12	1.61	y	32.82	5946720	193.6	y	n	
						3688810	166.1	y	n	
2,3,4,7,8-PeCDF	9	23:00	1.56	y	17.32	3174860	97.1	y	n	
						2032150	84.2	y	n	
	10	23:20	1.58	y	124.58	22423100	674.2	y	n	
						14148700	574.1	y	n	
	11	23:35	1.52	y	1.87	331373	9.6	y	n	
						218072	8.7	y	n	
	12	24:50	1.60	y	5.07	917204	23.2	y	n	
						571712	20.8	y	n	

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:5
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount: 840.56 of which * named and 840.56 unnamed

Conc: 84.06 of which * named and 84.06 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:47	0.63	n	1.01	180712	20.1	y	n
						288386	25.2	y	n
	2	15:31	0.69	n	0.12	21053	2.6	n	n
						30728	2.5	n	n
	3	16:33	0.69	n	0.94	168412	15.7	y	n
						243484	17.8	y	n
	4	17:58	1.67	y	0.59	107548	10.6	y	n
						64509	4.9	y	n
	5	18:53	1.57	y	81.40	14600000	1356.5	y	n
						9293770	634.8	y	n

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:10
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	243.64 of which	22.70 named and	220.94 unnamed
Conc:	24.36 of which	2.27 named and	22.09 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:36	1.47	y	6.74	747314	42.8	y	n
						509506	31.5	y	n
	2	21:18	1.70	y	0.48	55951	3.4	y	n
						32975	2.4	n	n
	3	21:44	1.64	y	2.62	303425	17.4	y	n
						185012	11.5	y	n
	4	21:59	1.53	y	2.82	318065	17.8	y	n
						208082	12.6	y	n
	5	22:16	1.52	y	2.30	259203	14.9	y	n
						170506	10.2	y	n
	6	22:45	1.54	y	4.86	549379	24.3	y	n
						357213	16.5	y	n
	7	23:06	2.18	n	0.56	89988	5.2	y	n
						41219	2.6	n	n
1,2,3,7,8-PeCDD	8	23:43	1.62	y	2.27	261708	12.4	y	n
						161842	9.4	y	n
	9	24:00	2.09	n	0.42	64253	3.5	y	n
						30731	2.2	n	n
	10	24:40	1.49	y	1.30	144808	6.9	y	n
						97267	5.3	y	n

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:12
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	6048.63 of which	635.12 named and	5413.51 unnamed
Conc:	604.86 of which	63.51 named and	541.35 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:06	1.24	y	36.20	5469690	254.4	y	n

						4428590	115.9	y	n
	2	27:29	1.28	y	219.79	33698100	1492.4	y	n
						26407200	671.5	y	n
	3	28:17	1.23	y	4.18	630026	28.4	y	n
						512239	13.4	y	n
	4	28:46	1.28	y	228.76	35169800	1438.6	y	n
						27389300	646.1	y	n
	5	29:14	1.08	y	3.18	451316	20.9	y	n
						417072	10.2	y	n
1,2,3,4,7,8-HxCDF	6	29:52	1.26	y	17.10	2559810	102.3	y	n
						2026950	47.7	y	n
1,2,3,6,7,8-HxCDF	7	30:08	1.30	y	25.05	4208550	225.2	y	n
						3239090	98.2	y	n
	8	30:39	1.27	y	1.46	223626	11.2	y	n
						176157	4.9	y	n
	9	31:00	1.24	y	38.28	5804800	401.7	y	n
						4663280	186.1	y	n
2,3,4,6,7,8-HxCDF	10	31:08	1.29	y	21.37	3253320	228.1	y	n
						2519350	105.8	y	n
	11	32:11	1.24	y	9.29	1408360	107.3	y	n
						1131380	53.2	y	n
	12	32:25	1.10	y	0.23	32691	2.8	n	n
						29785	1.9	n	n

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:7
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	407.51 of which	77.63 named and	329.88 unnamed
Conc:	40.75 of which	7.76 named and	32.99 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:37	1.31	y	9.45	1002170	62.3	y	n
						766185	49.8	y	n
	2	29:58	1.35	y	4.47	480283	31.8	y	n
						355946	26.1	y	n
	3	30:27	1.26	y	18.71	1951110	169.7	y	n
						1550140	137.4	y	n
	4	30:42	1.00	n	0.37	38107	2.9	n	n
						38145	3.4	y	n
1,2,3,4,7,8-HxCDD	5	31:22	1.41	y	1.39	140361	15.9	y	n
						99535	13.6	y	n
1,2,3,6,7,8-HxCDD	6	31:30	1.29	y	3.56	382874	42.9	y	n
						297270	32.7	y	n
1,2,3,7,8,9-HxCDD	7	31:51	1.28	y	2.81	312539	30.9	y	n
						244045	23.8	y	n

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:4
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	569.04 of which	254.94 named and	314.10 unnamed
Conc:	56.90 of which	25.49 named and	31.41 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,6,7,8-HpCDF	1	33:44	1.07	y	22.38	2828120	247.6	y	n
						2639470	281.3	y	n
	2	33:56	1.15	y	1.68	206878	16.3	y	n
						179168	17.2	y	n
	3	34:03	1.01	y	29.74	3438930	287.8	y	n
						3413180	347.9	y	n
1,2,3,4,7,8,9-HpCDF	4	34:55	0.97	y	3.11	331130	27.2	y	n

343088 33.4 y n

Run Text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2

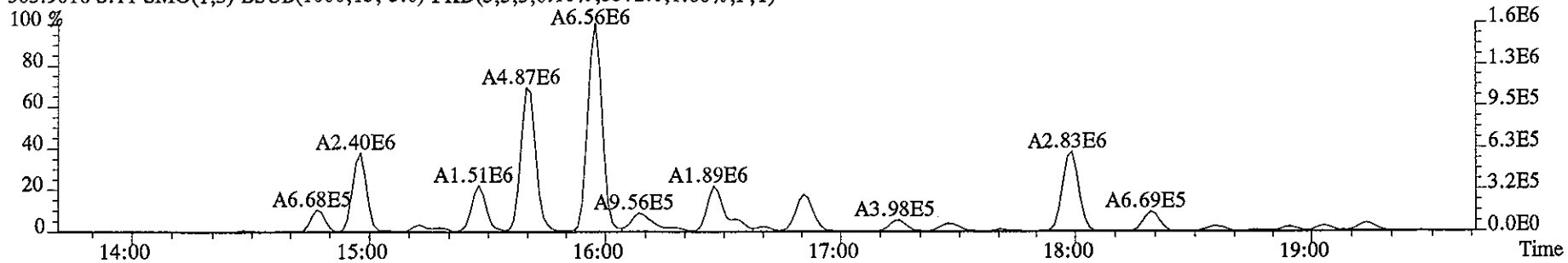
Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:2
Run: 10 File: 09JA068D5 S:11 Acq:9-JAN-06 22:25:38
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	274.70 of which	128.49 named and	146.21	unnamed
Conc:	27.47 of which	12.85 named and	14.62	unnamed

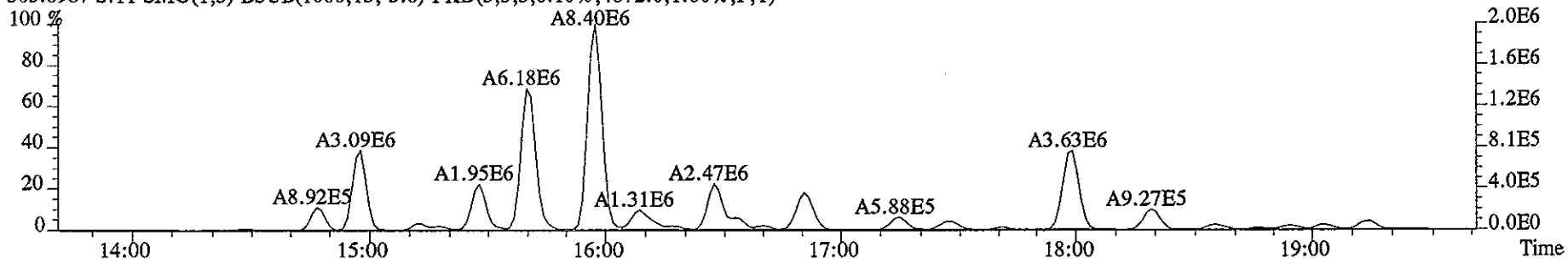
Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	34:00	1.07	y	14.62	1112010	149.1	y	n
						1036880	122.7	y	n
1,2,3,4,6,7,8-HpCDD	2	34:37	1.04	y	12.85	962088	125.5	y	n
						926327	105.9	y	n

File:09JA068D5 #1-326 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN

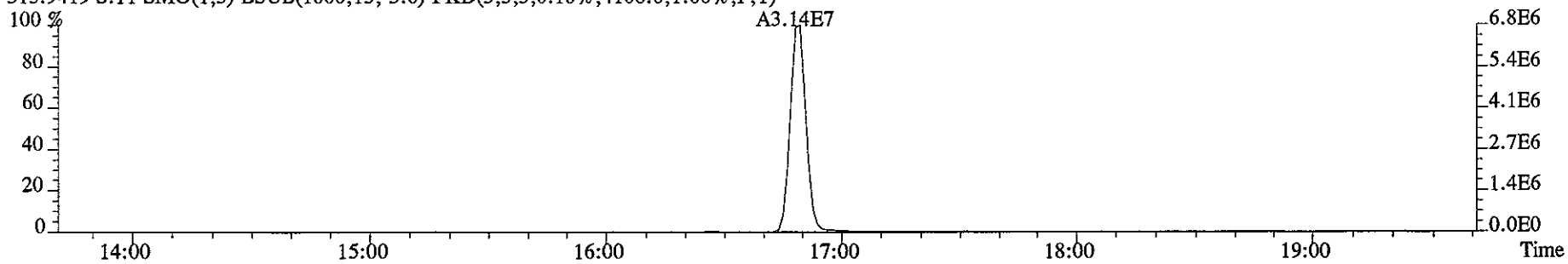
303.9016 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5572.0,1.00%,F,T)



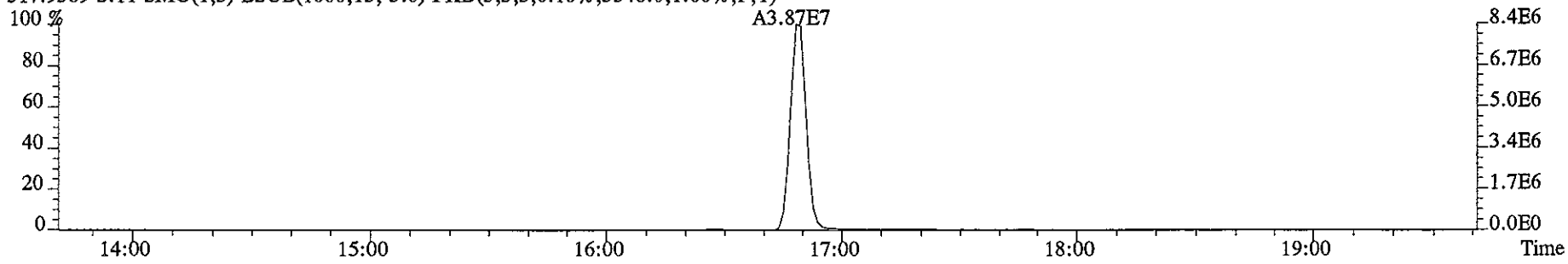
305.8987 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4872.0,1.00%,F,T)



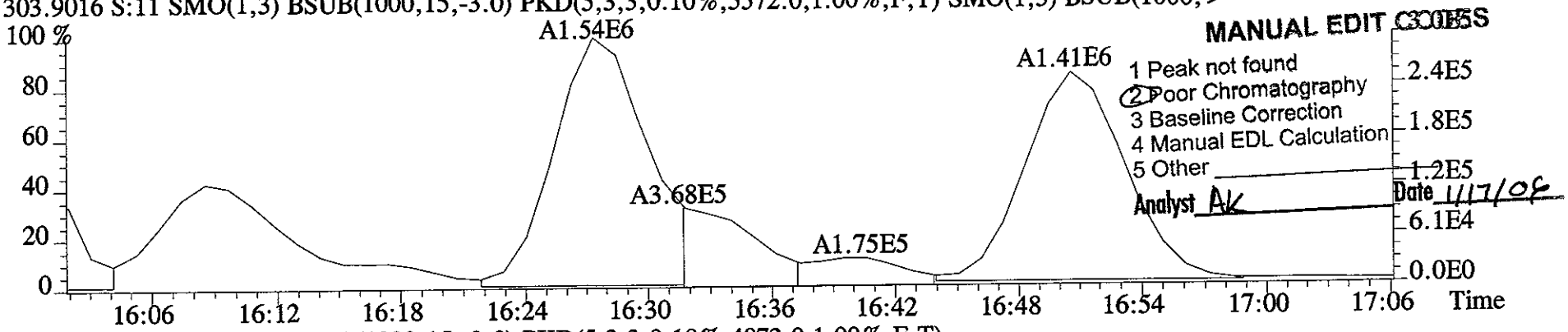
315.9419 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4108.0,1.00%,F,T)



317.9389 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3548.0,1.00%,F,T)

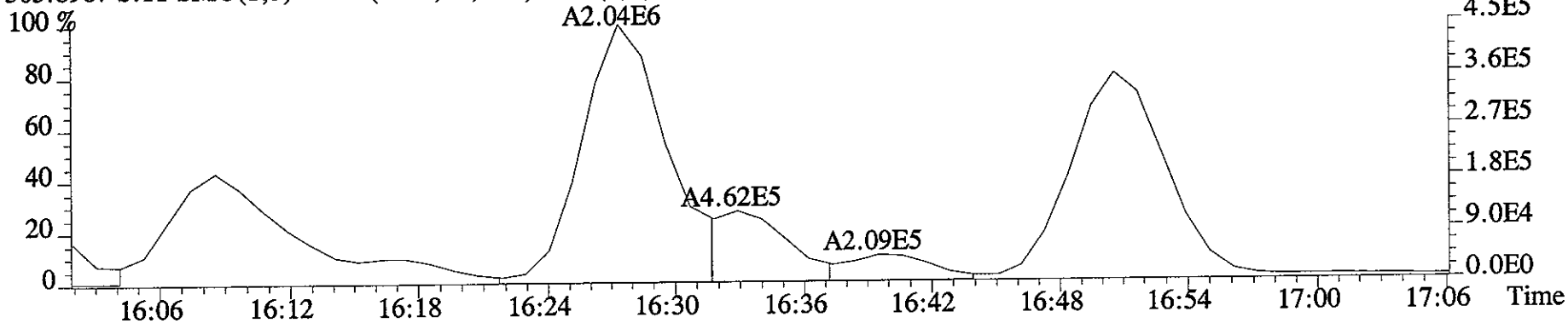


File:09JA068D5 #1-326 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN
303.9016 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5572.0,1.00%,F,T) SMO(1,3) BSUB(1000, >

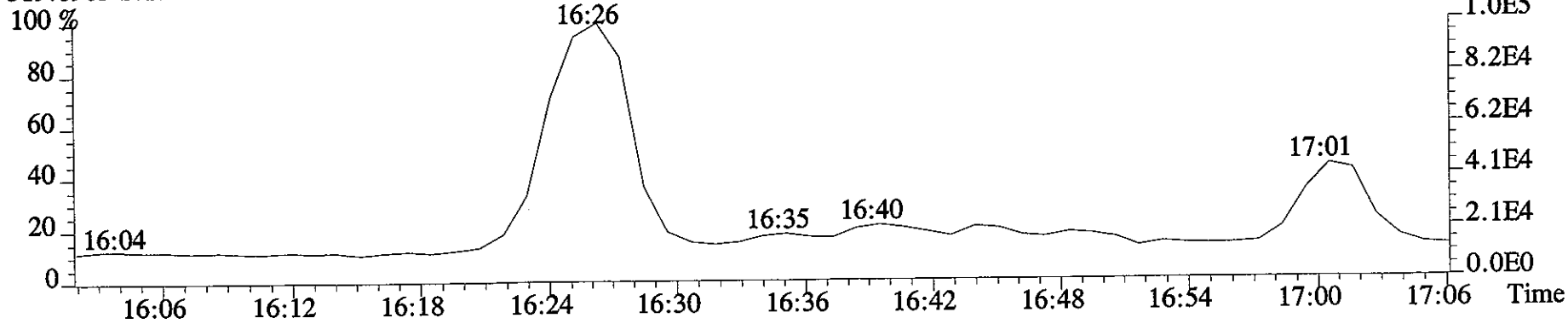


MANUAL EDIT C300E5S
1 Peak not found
(2) Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____
Analyst AK Date 1/17/06

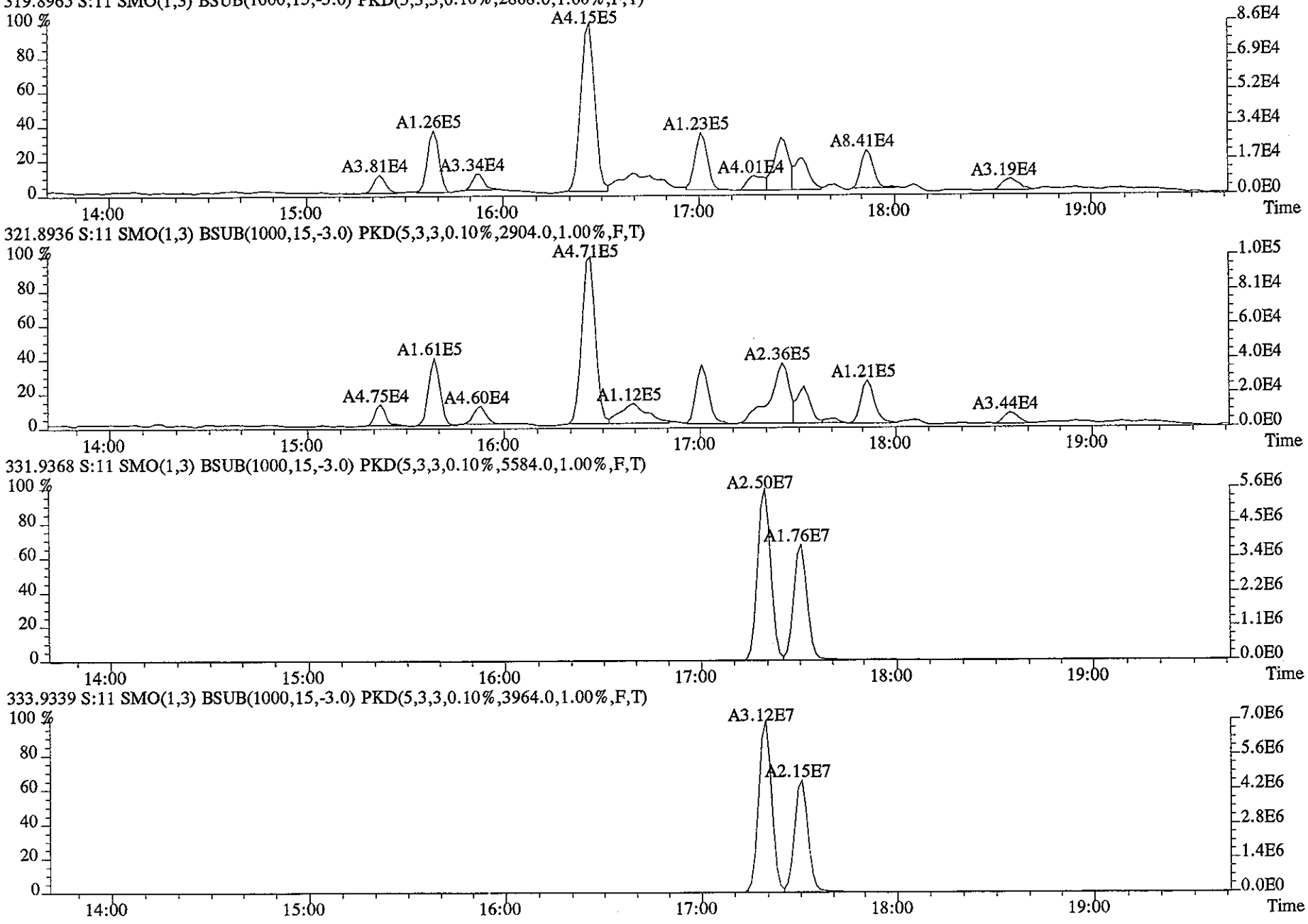
305.8987 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4872.0,1.00%,F,T)



319.8965 S:11



File:09JA068D5 #1-326 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN

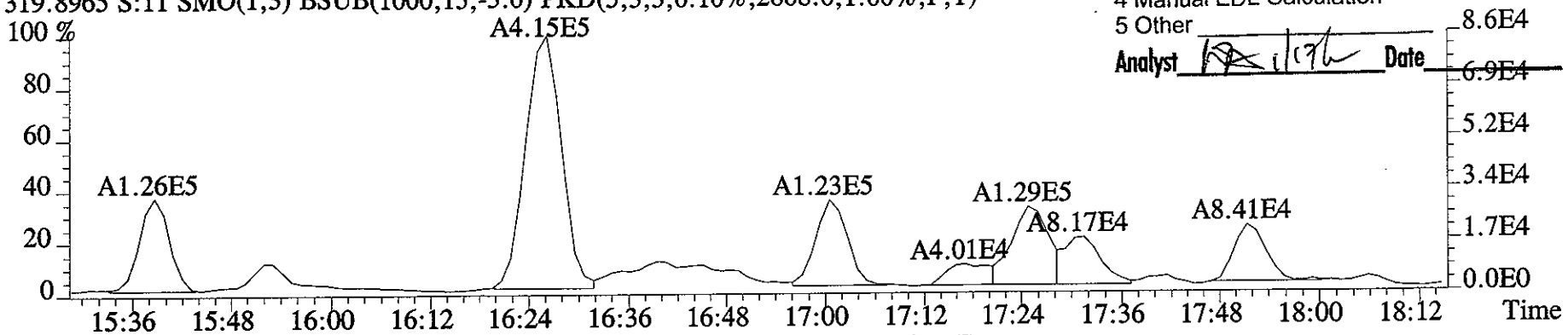


MANUAL EDIT CODES

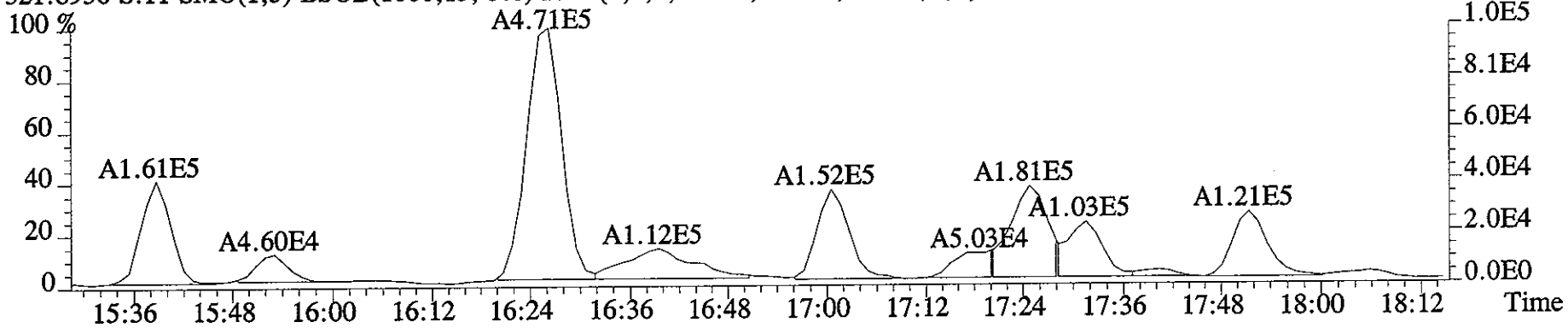
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other

Analyst _____ Date _____

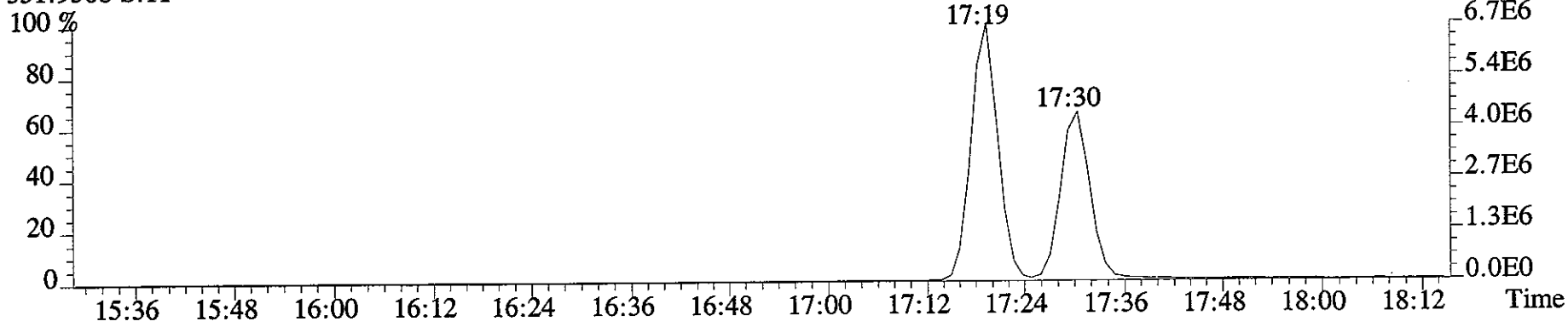
File:09JA068D5 #1-326 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN
319.8965 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2868.0,1.00%,F,T)



321.8936 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2904.0,1.00%,F,T)



331.9368 S:11

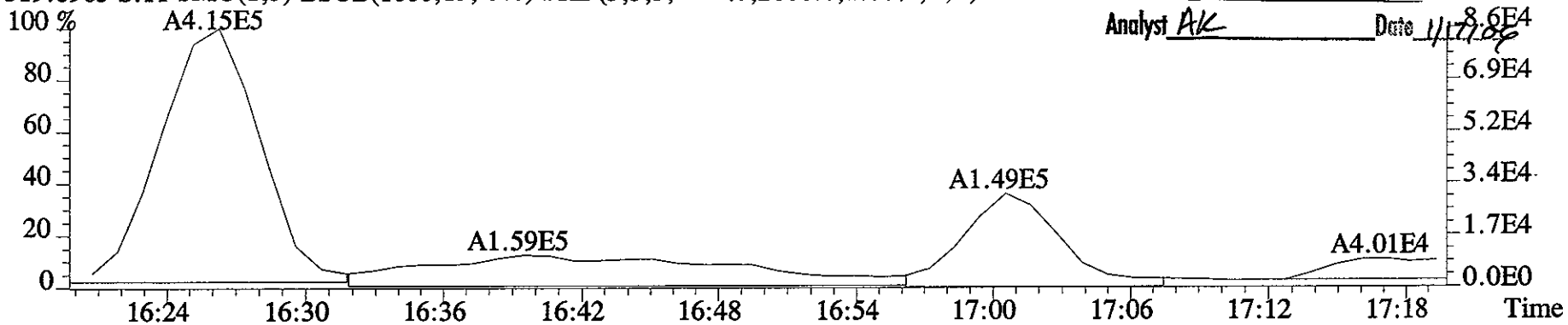


MANUAL EDIT CODES

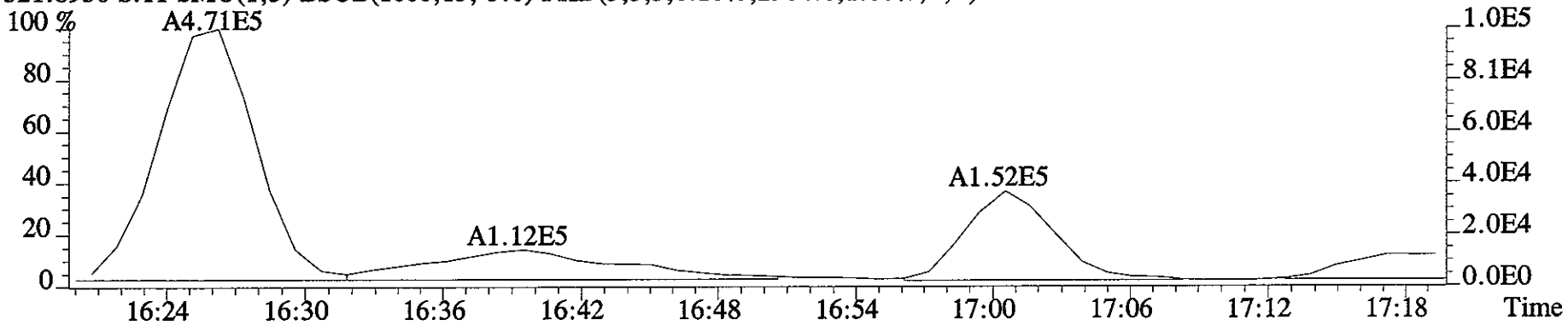
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst AK Date 1/17/06

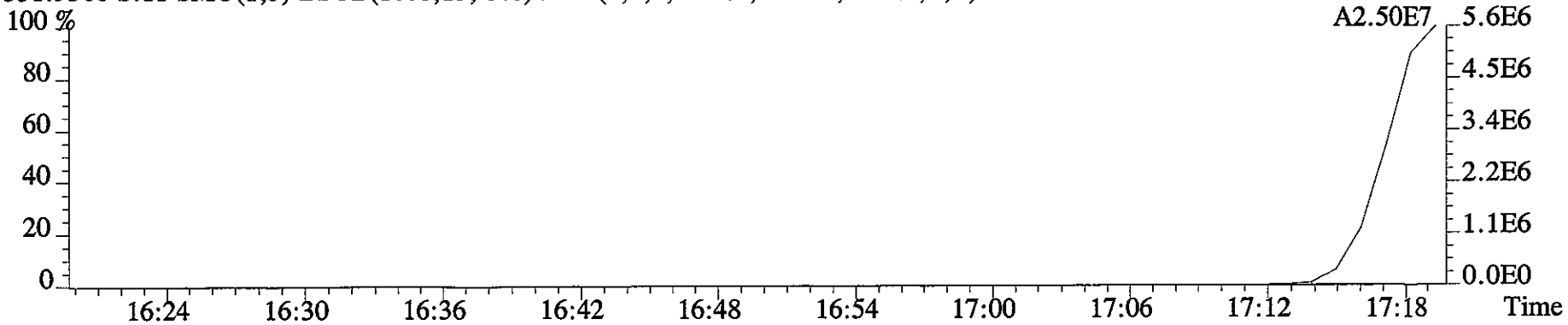
File:09JA068D5 #1-326 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN
319.8965 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2868.0,1.00%,F,T)



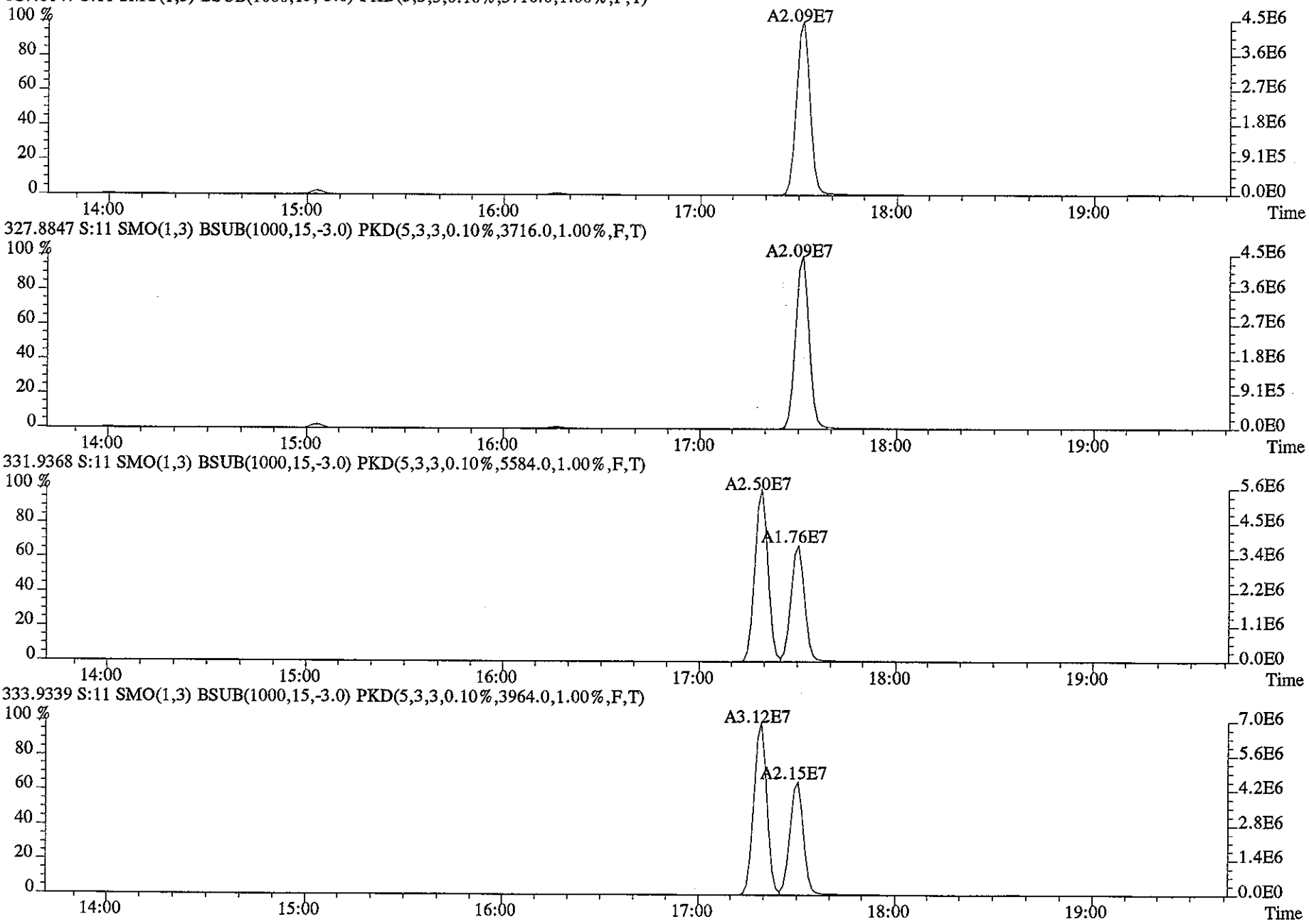
321.8936 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2904.0,1.00%,F,T)



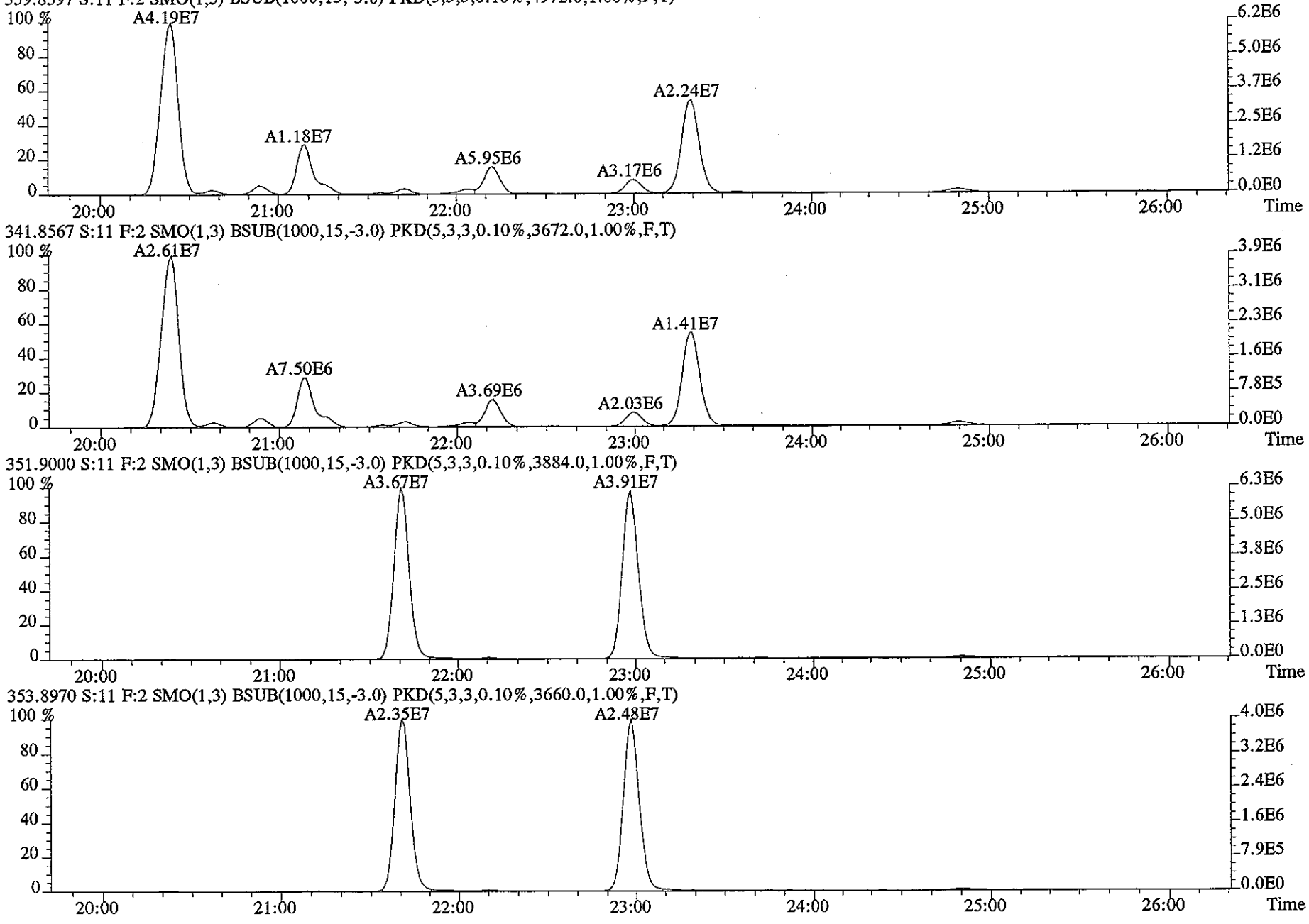
331.9368 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5584.0,1.00%,F,T)



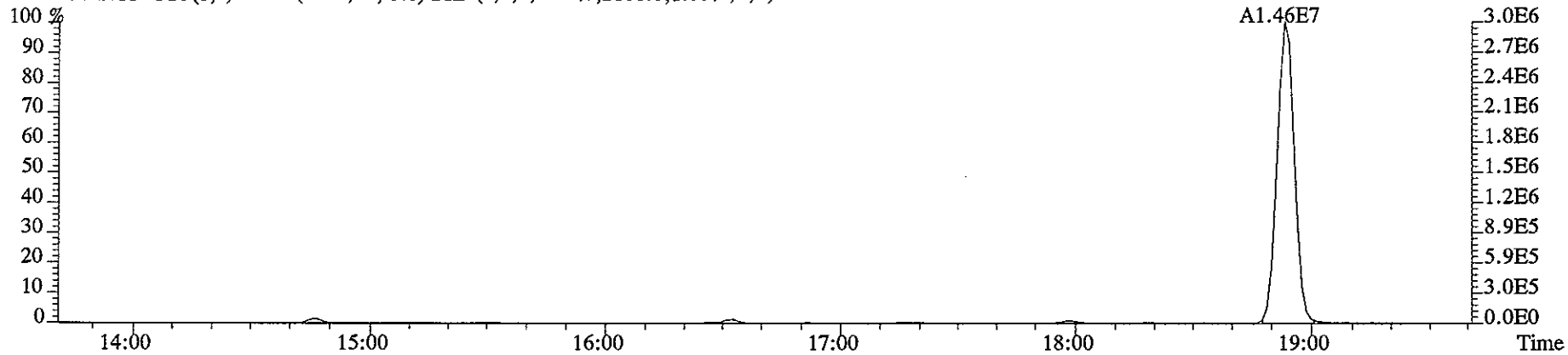
File:09JA068D5 #1-326 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN



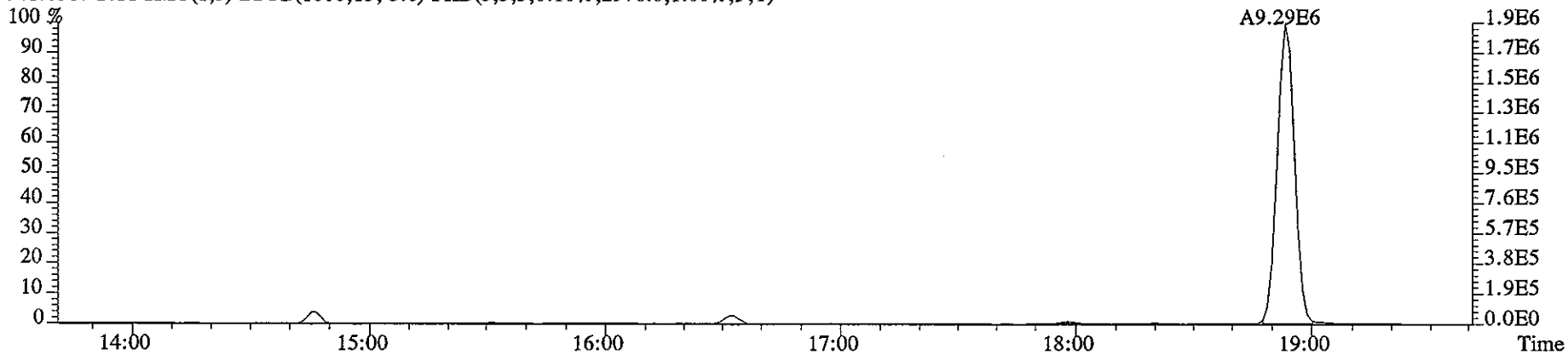
File:09JA068D5 #1-467 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN



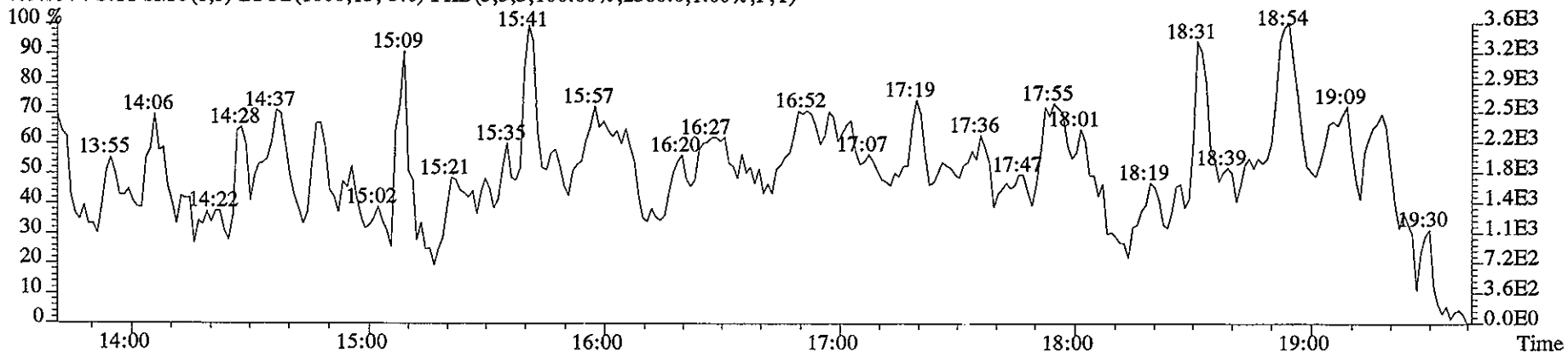
File:09JA068D5 #1-326 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN
339.8597 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2188.0,1.00%,F,T)



341.8567 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2976.0,1.00%,F,T)

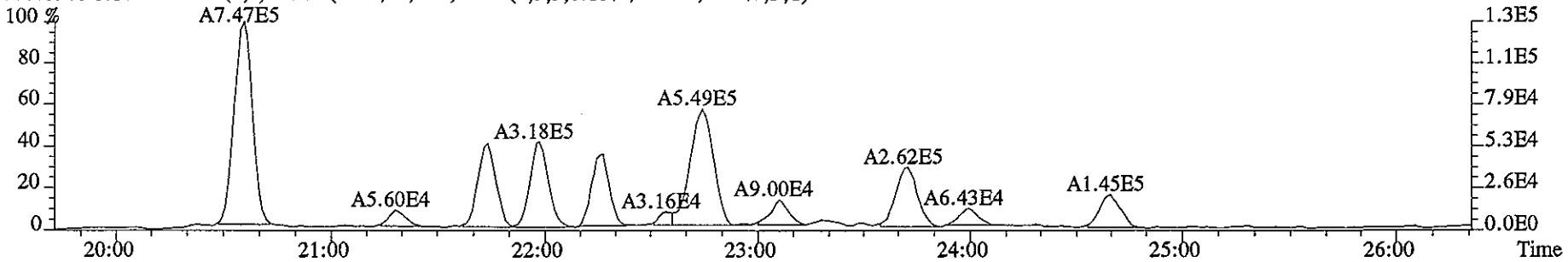


409.7974 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2380.0,1.00%,F,T)

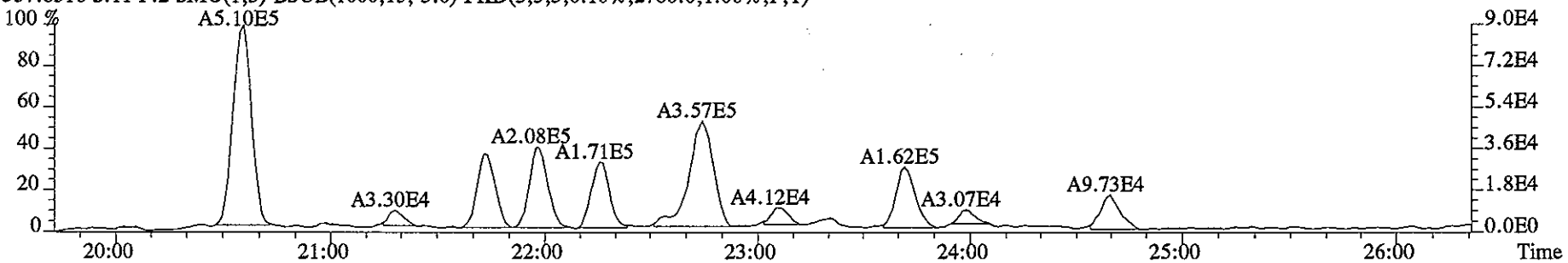


File:09JA068D5 #1-467 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN

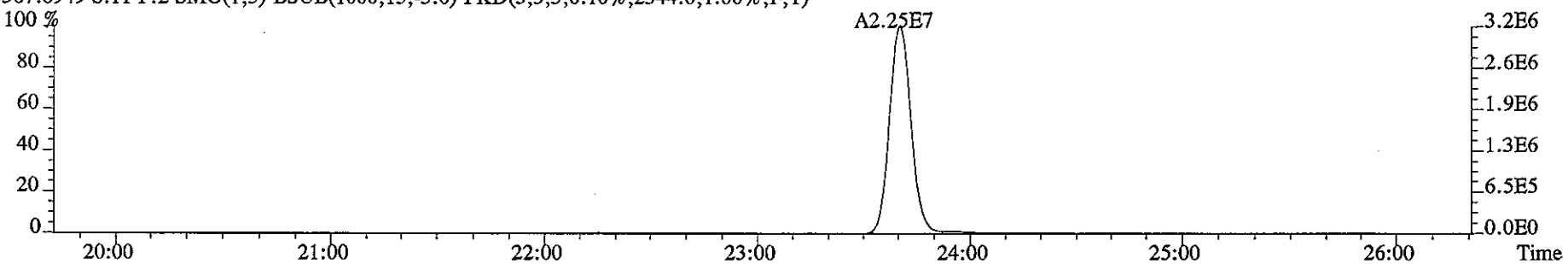
355.8546 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3016.0,1.00%,F,T)



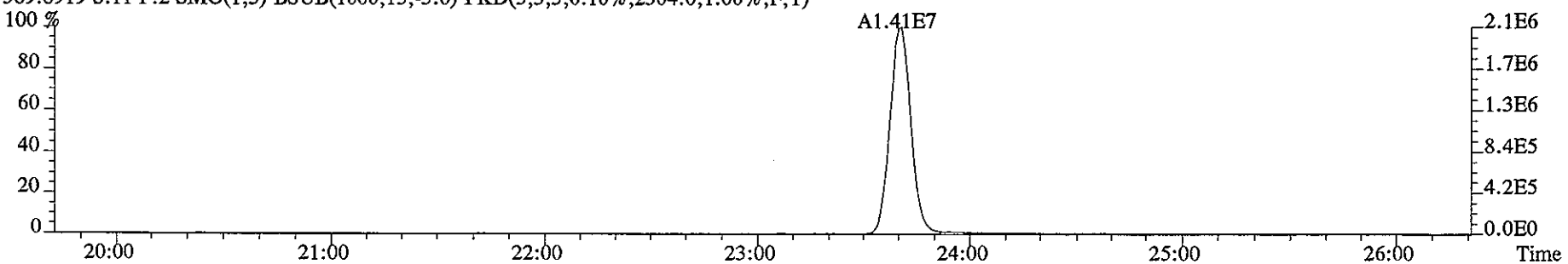
357.8516 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2780.0,1.00%,F,T)



367.8949 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2344.0,1.00%,F,T)



369.8919 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2304.0,1.00%,F,T)

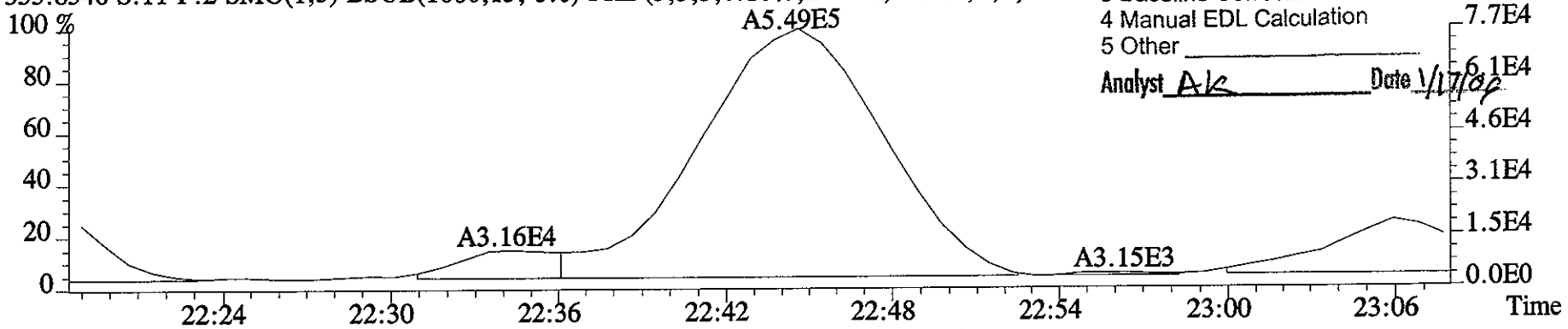


MANUAL EDIT CODES

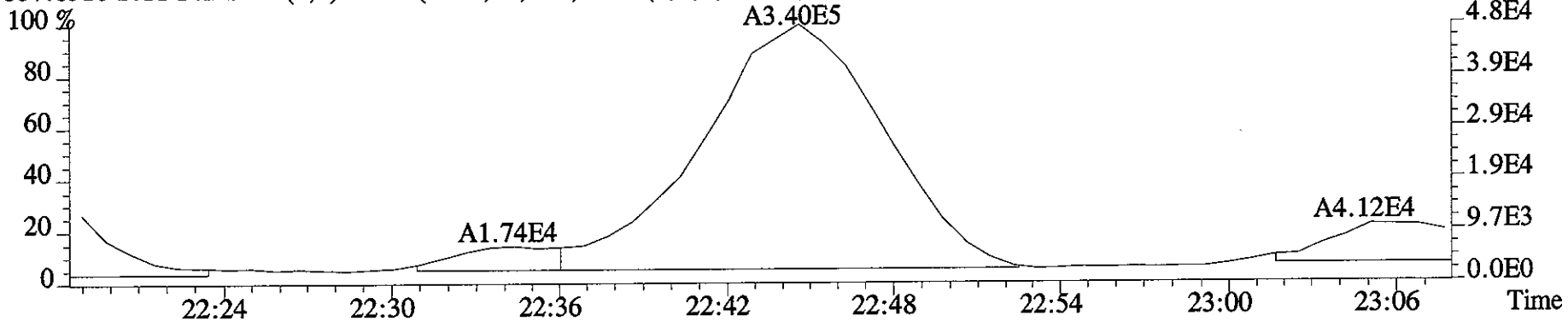
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst AK Date 1/17/06

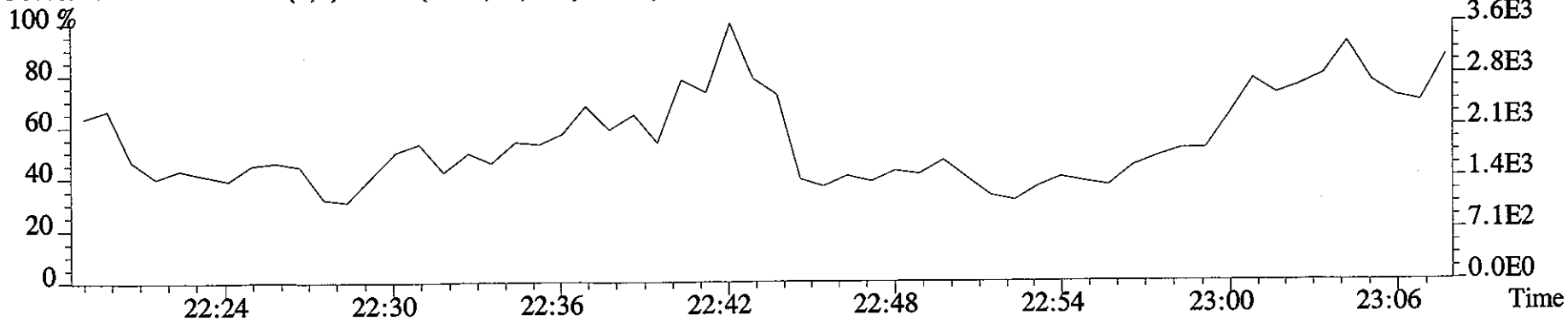
File:09JA068D5 #1-467 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN
355.8546 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3016.0,1.00%,F,T)



357.8516 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2780.0,1.00%,F,T)

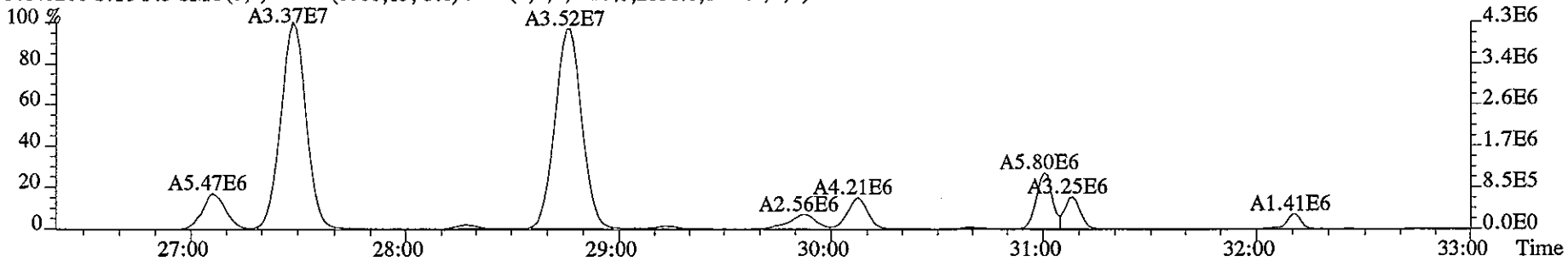


367.8949 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2344.0,1.00%,F,T)

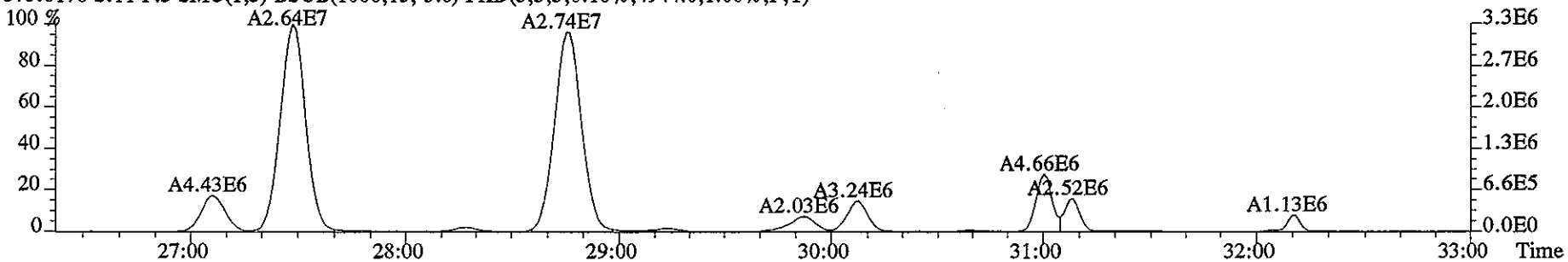


File:09JA068D5 #1-446 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN

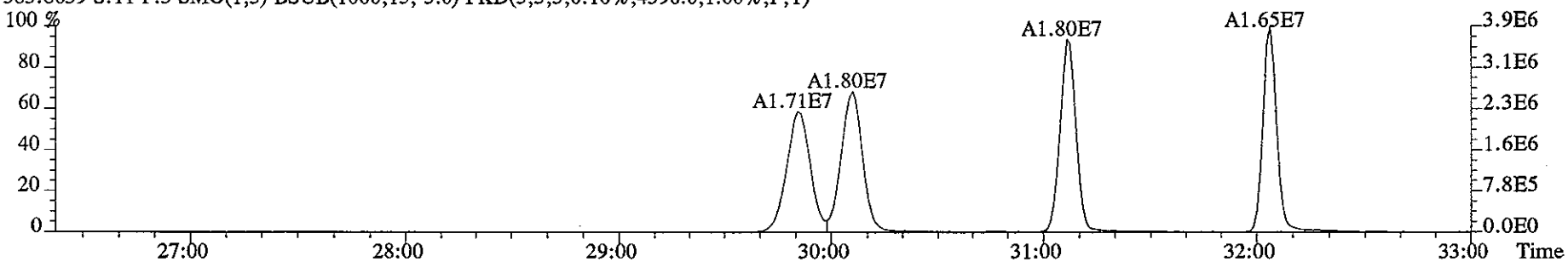
373.8208 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2856.0,1.00%,F,T)



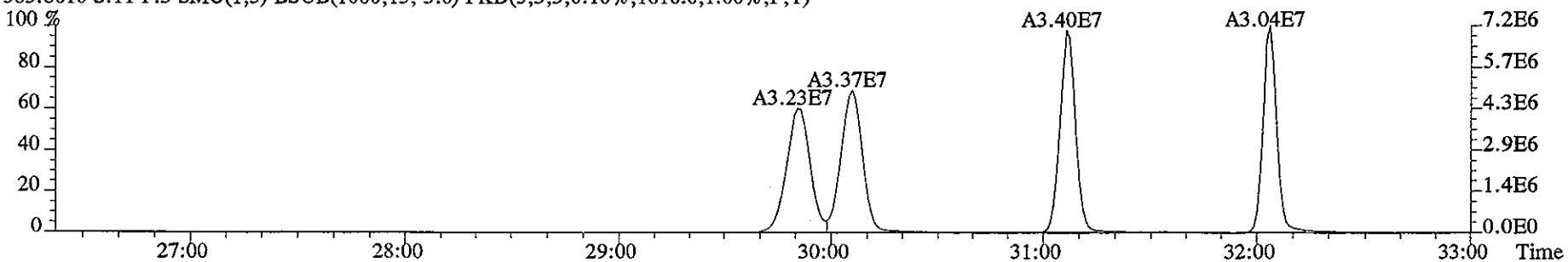
375.8178 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4944.0,1.00%,F,T)



383.8639 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4396.0,1.00%,F,T)



385.8610 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1616.0,1.00%,F,T)

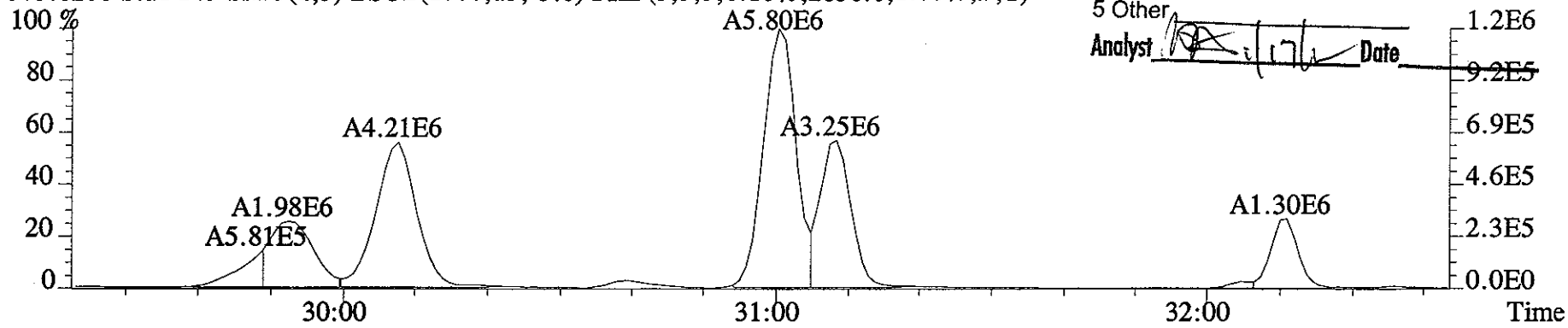


MANUAL EDIT CODES

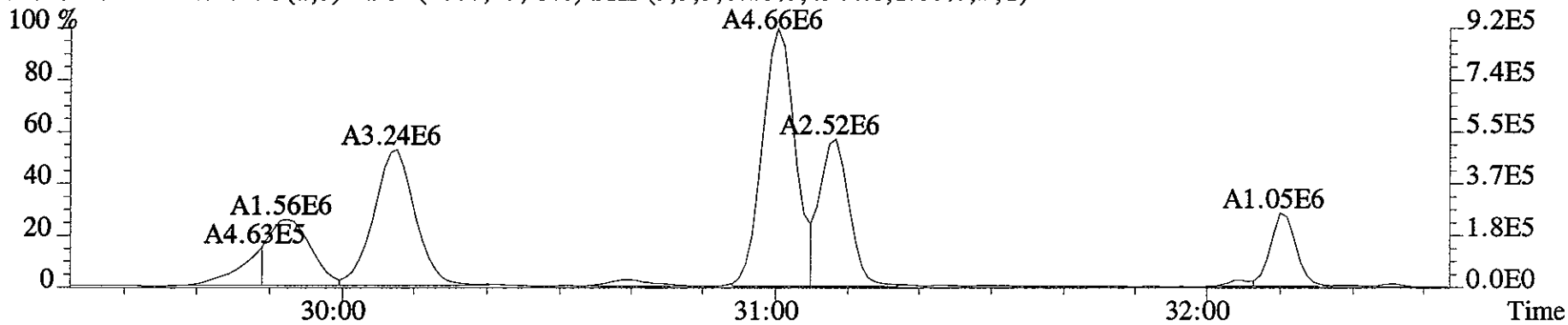
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other

Analyst: Date

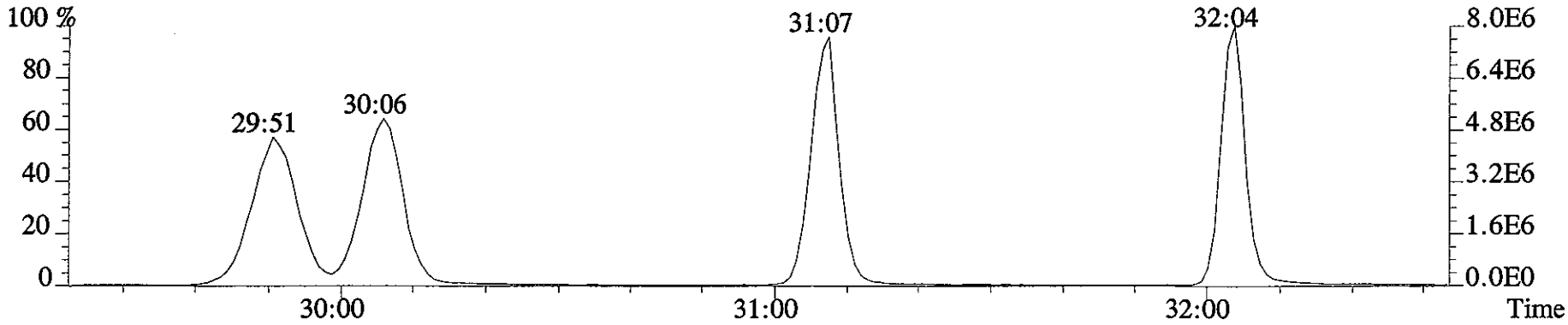
File:09JA068D5 #1-446 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN
373.8208 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2856.0,1.00%,F,T)



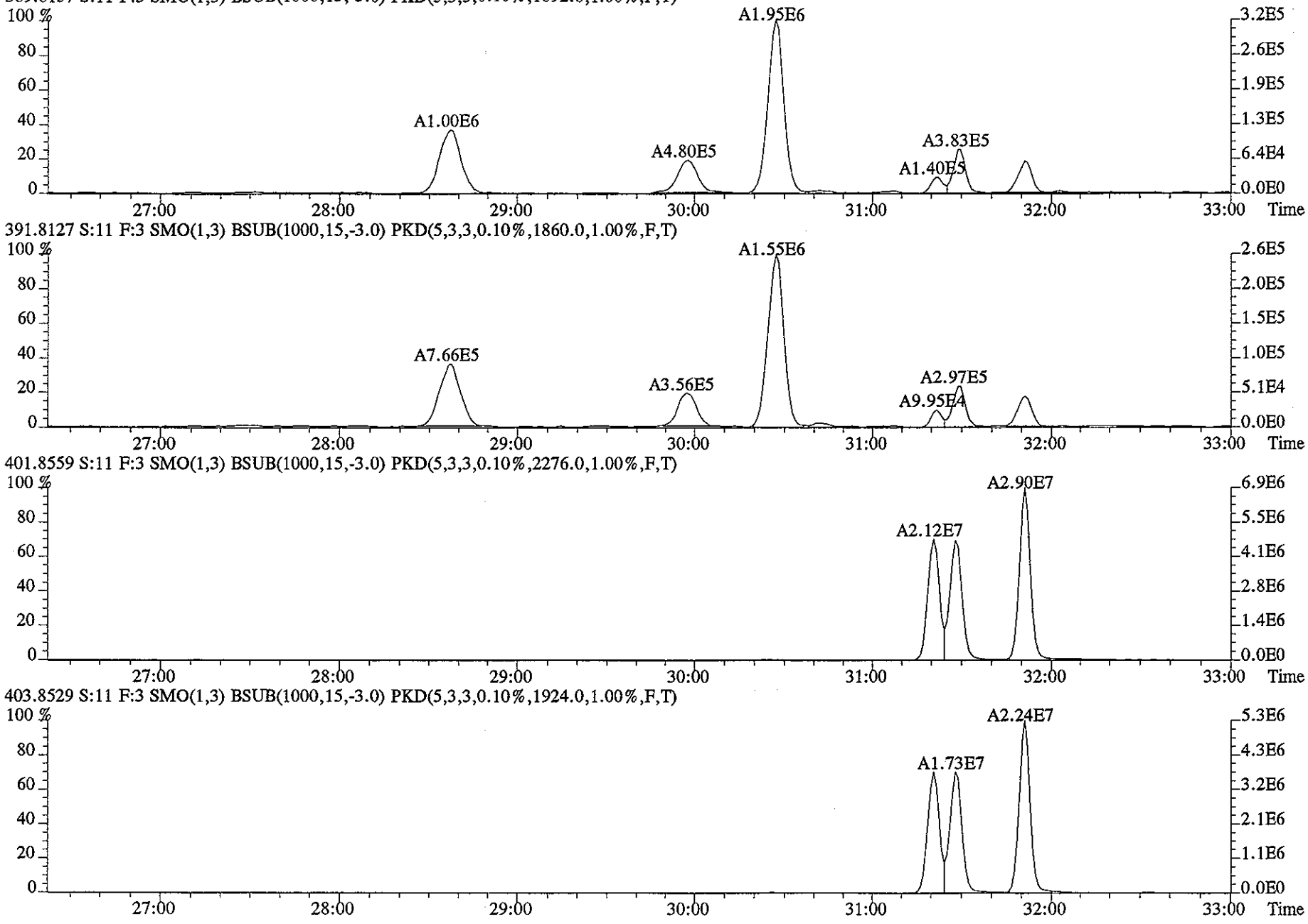
375.8178 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4944.0,1.00%,F,T)



385.8610 S:11 F:3



File:09JA068D5 #1-446 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN

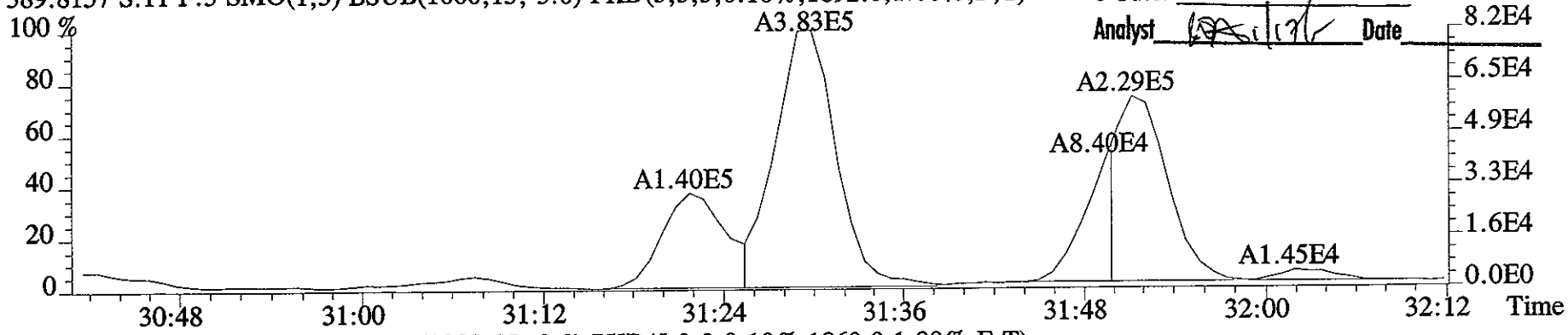


MANUAL EDIT CODES

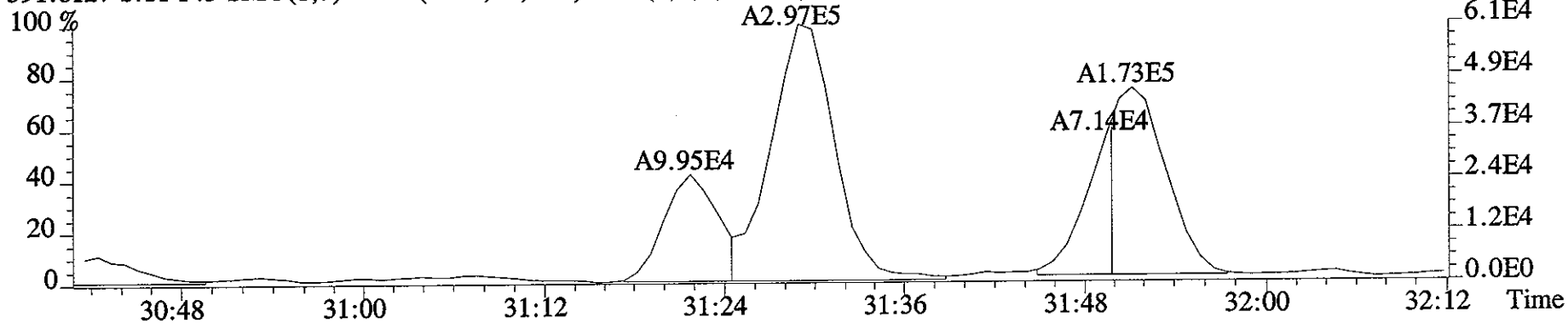
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

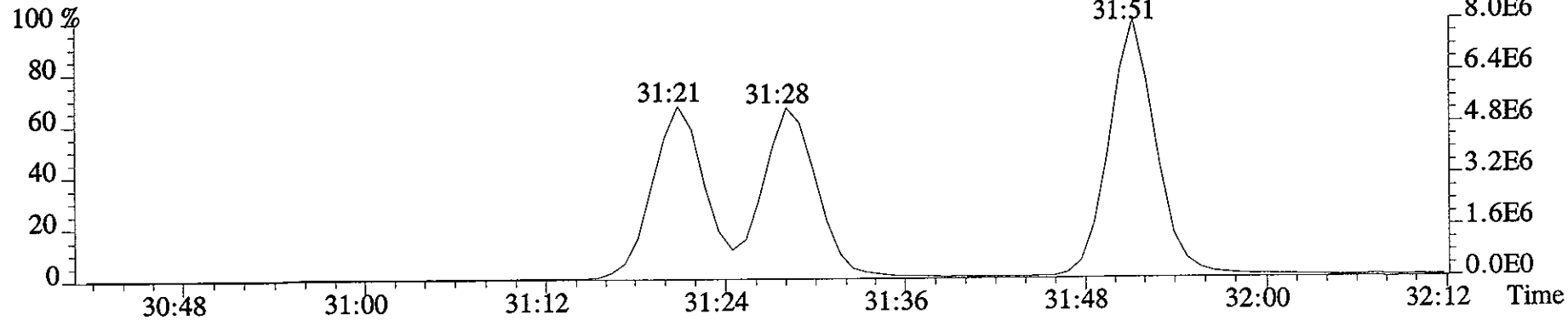
File:09JA068D5 #1-446 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN
389.8157 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1892.0,1.00%,F,T)



391.8127 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1860.0,1.00%,F,T)

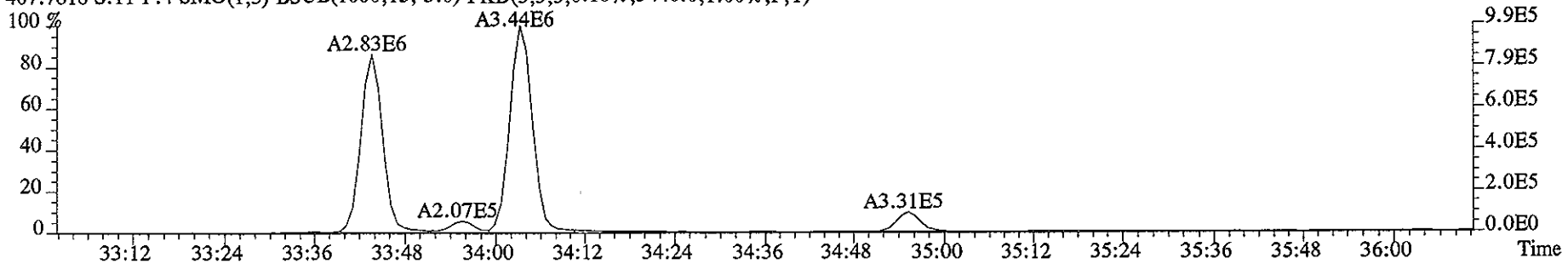


401.8559 S:11 F:3

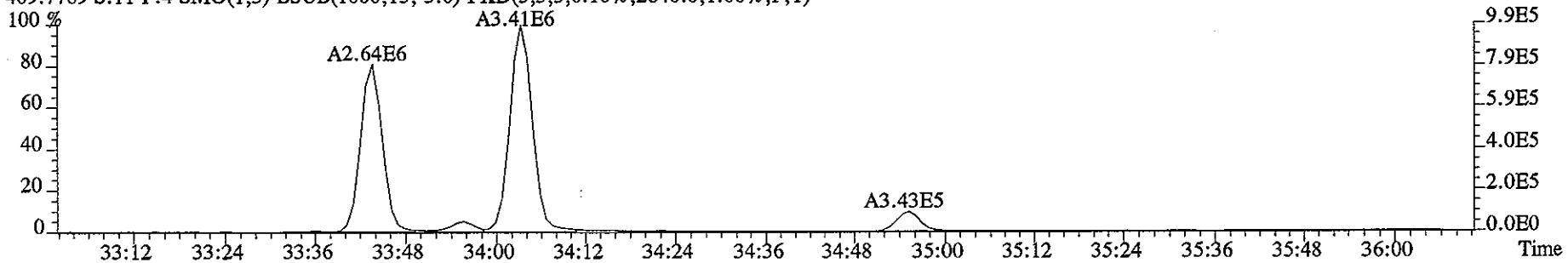


File:09JA068D5 #1-222 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN

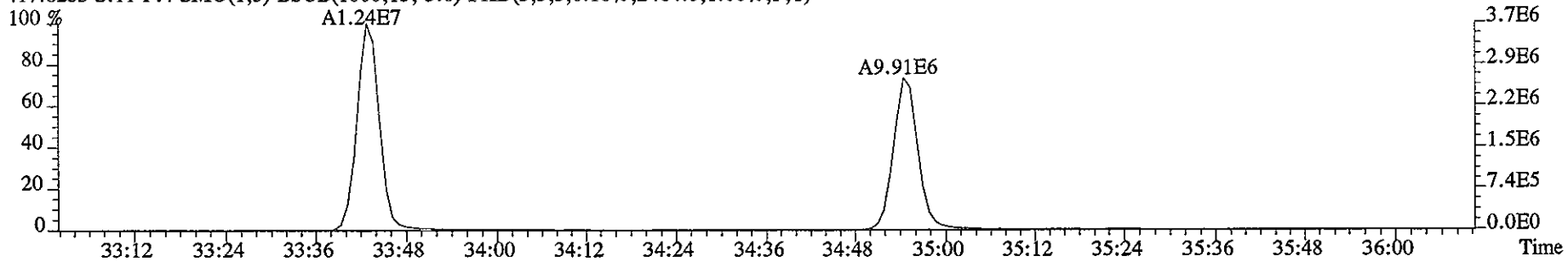
407.7818 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3440.0,1.00%,F,T)



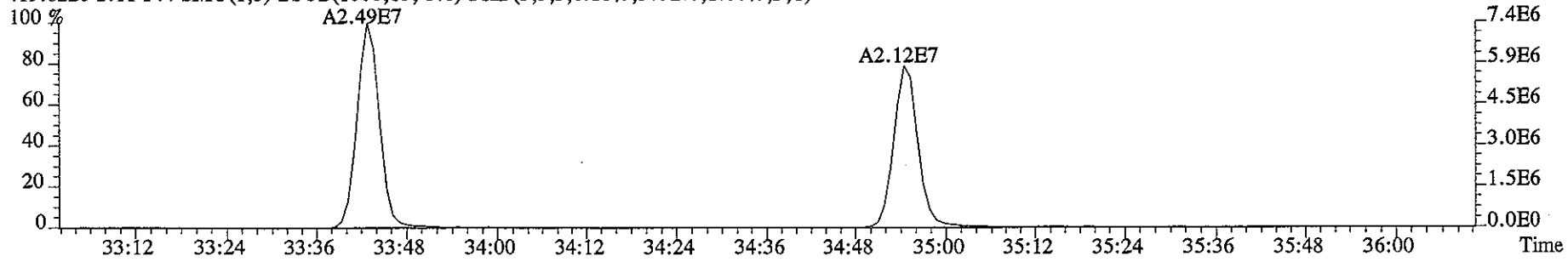
409.7789 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2840.0,1.00%,F,T)



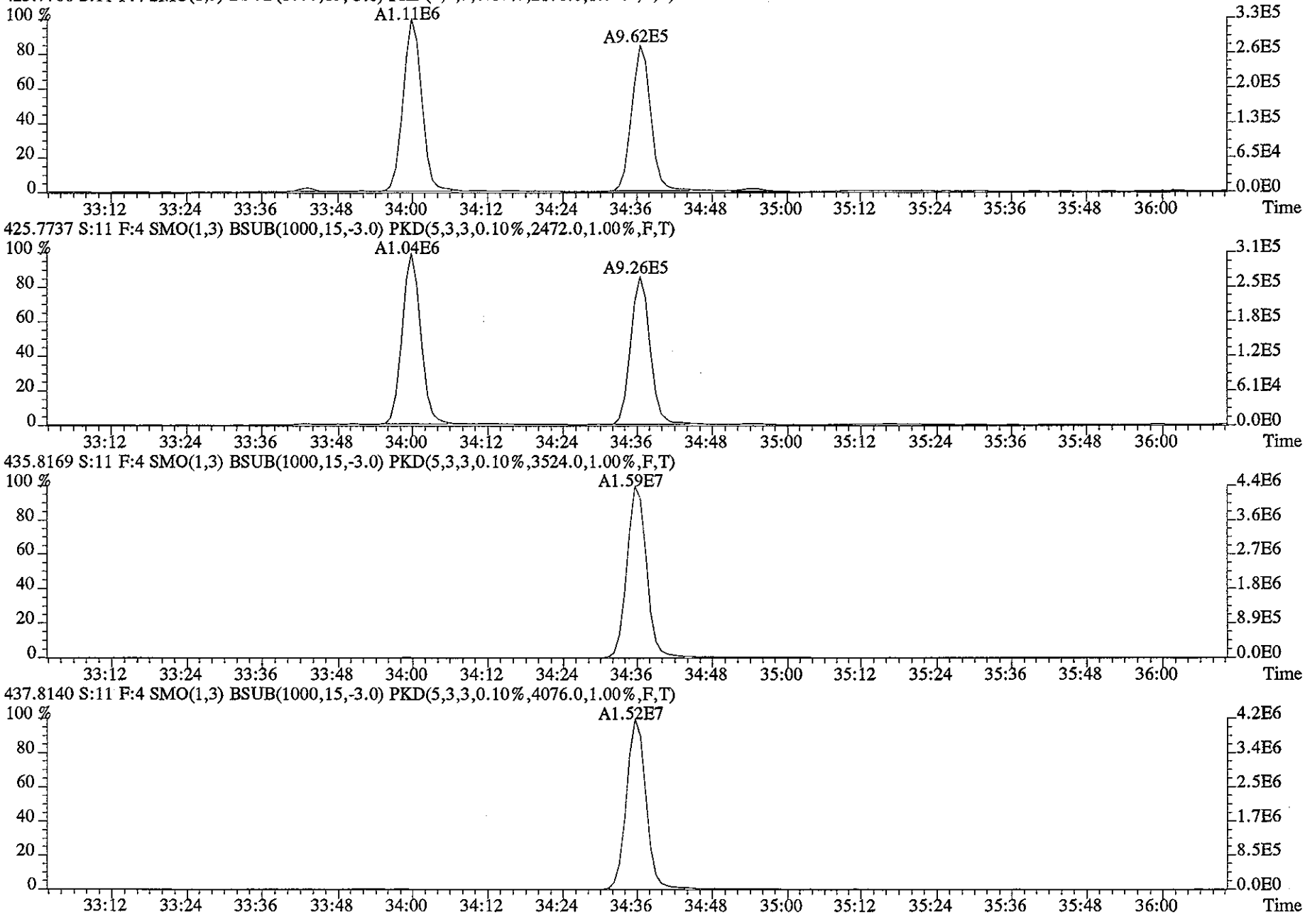
417.8253 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2464.0,1.00%,F,T)



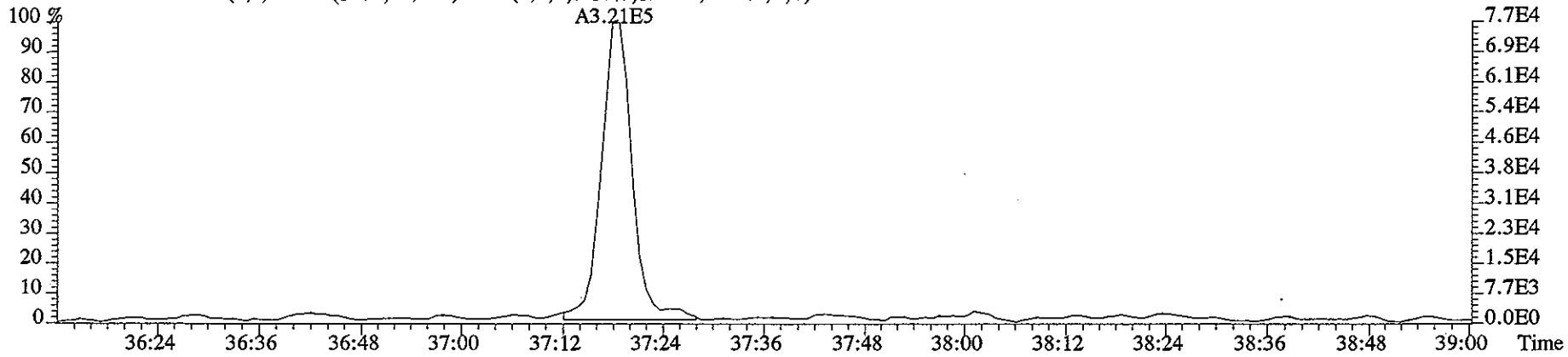
419.8220 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3792.0,1.00%,F,T)



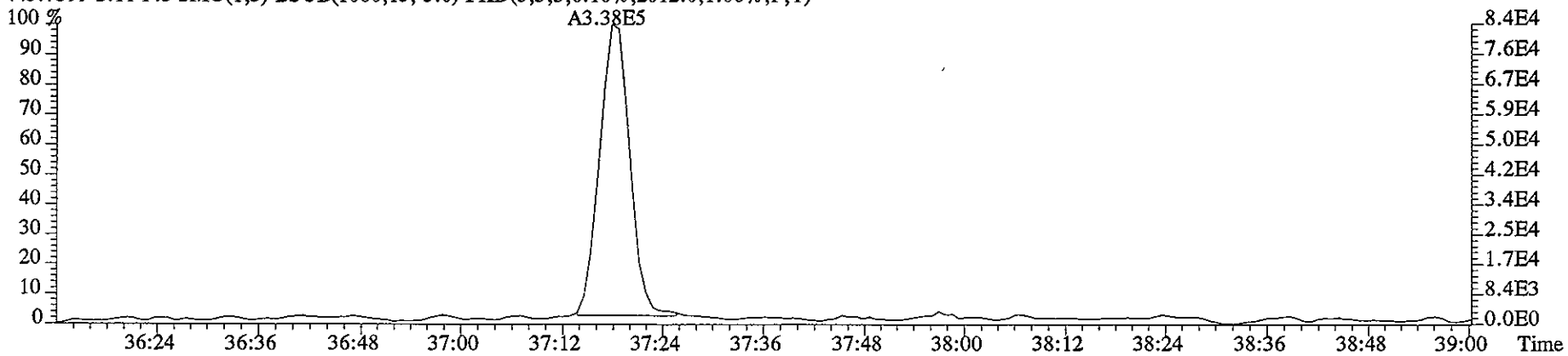
File:09JA068D5 #1-222 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN



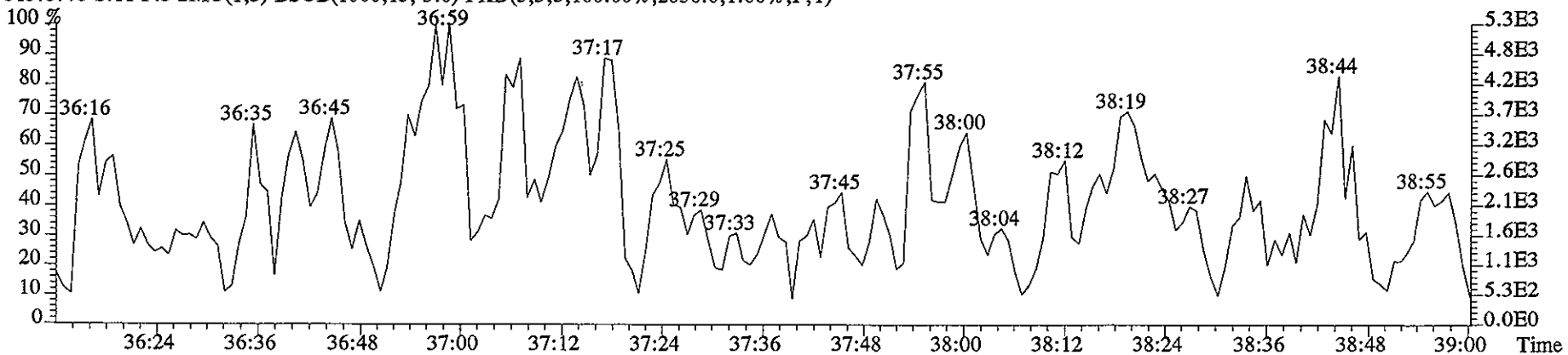
File:09JA068D5 #1-203 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN
441.7428 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1948.0,1.00%,F,T)



443.7399 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2012.0,1.00%,F,T)

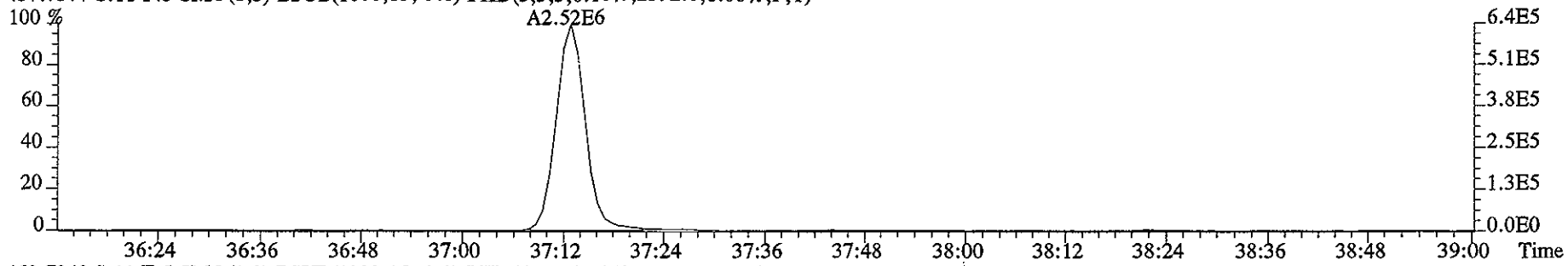


513.6775 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2056.0,1.00%,F,T)

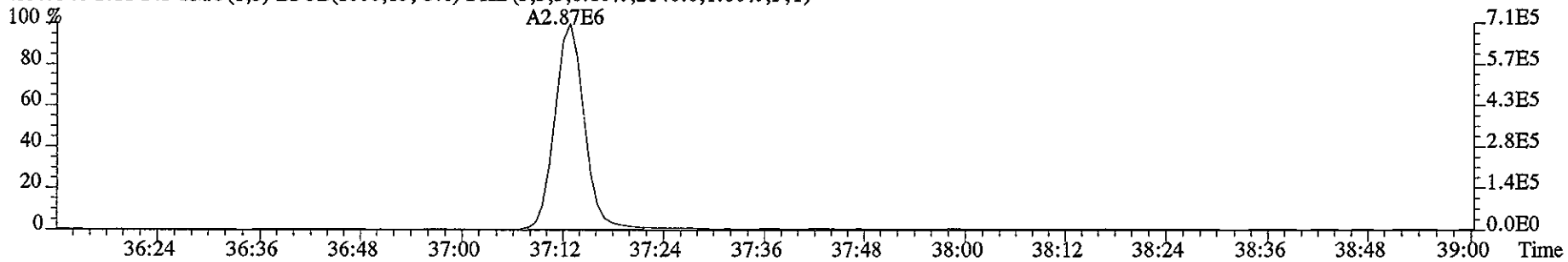


File:09JA068D5 #1-203 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN

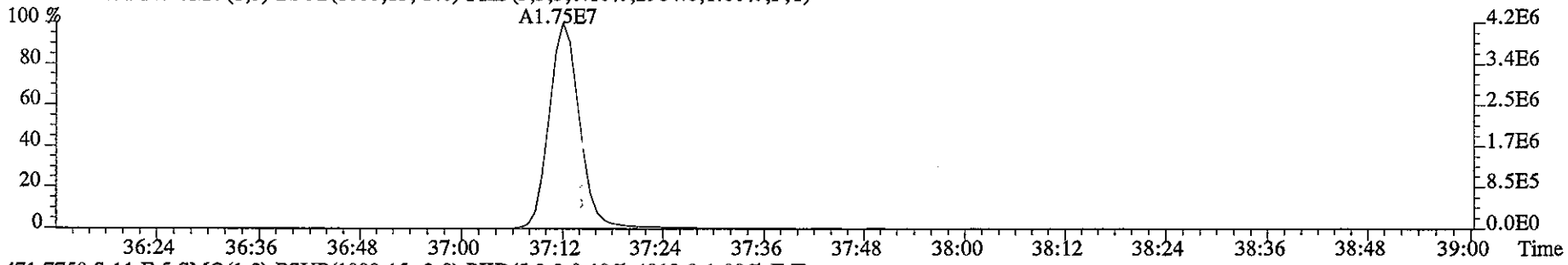
457.7377 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2392.0,1.00%,F,T)



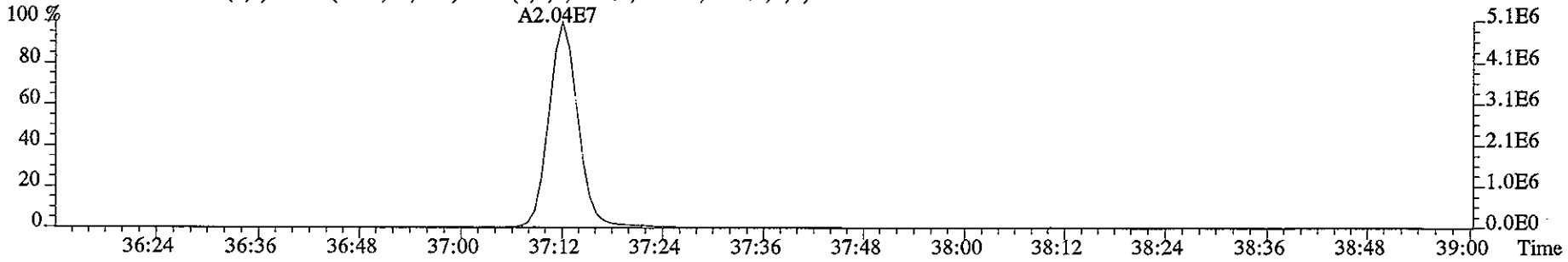
459.7348 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2140.0,1.00%,F,T)



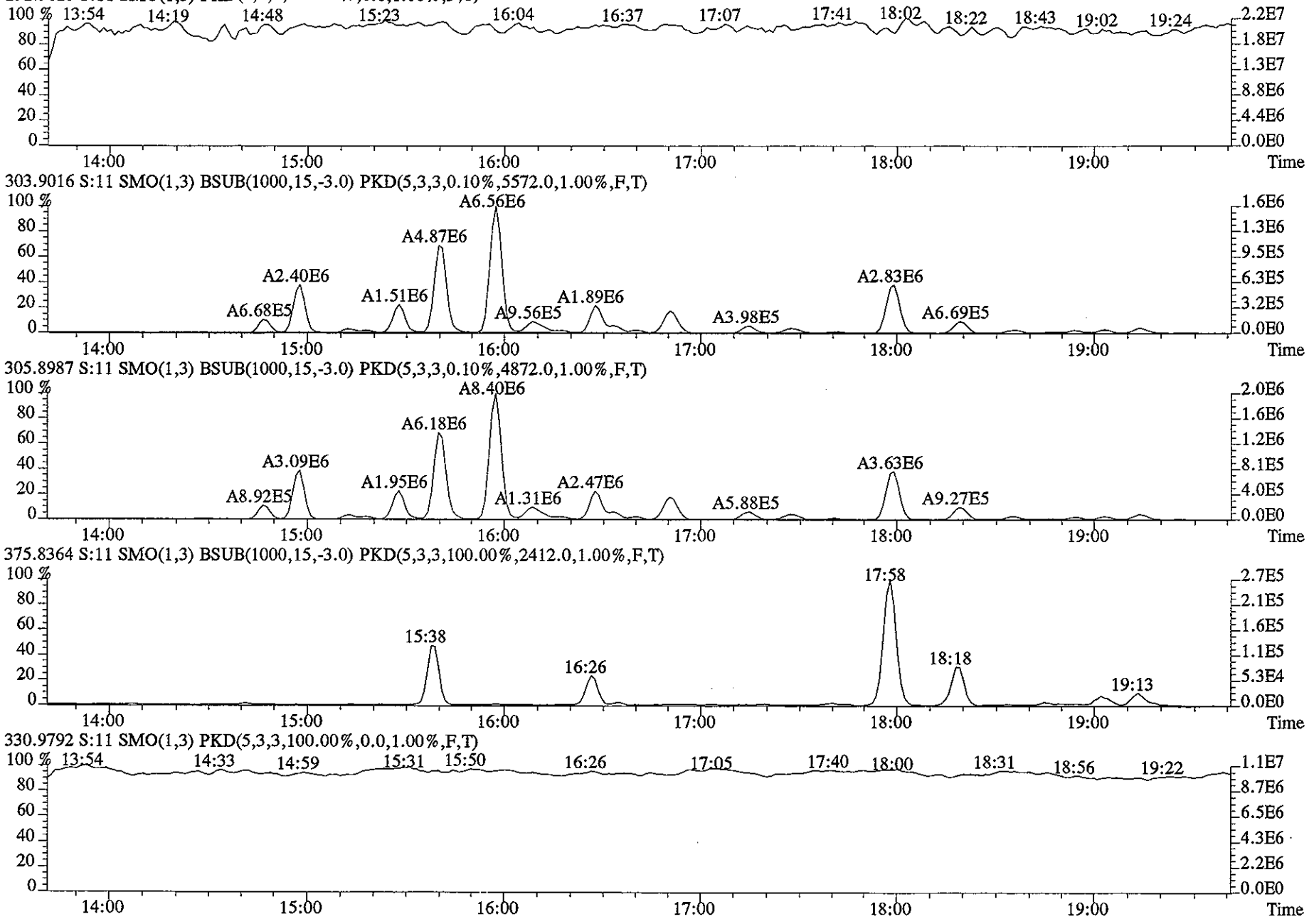
469.7779 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2984.0,1.00%,F,T)



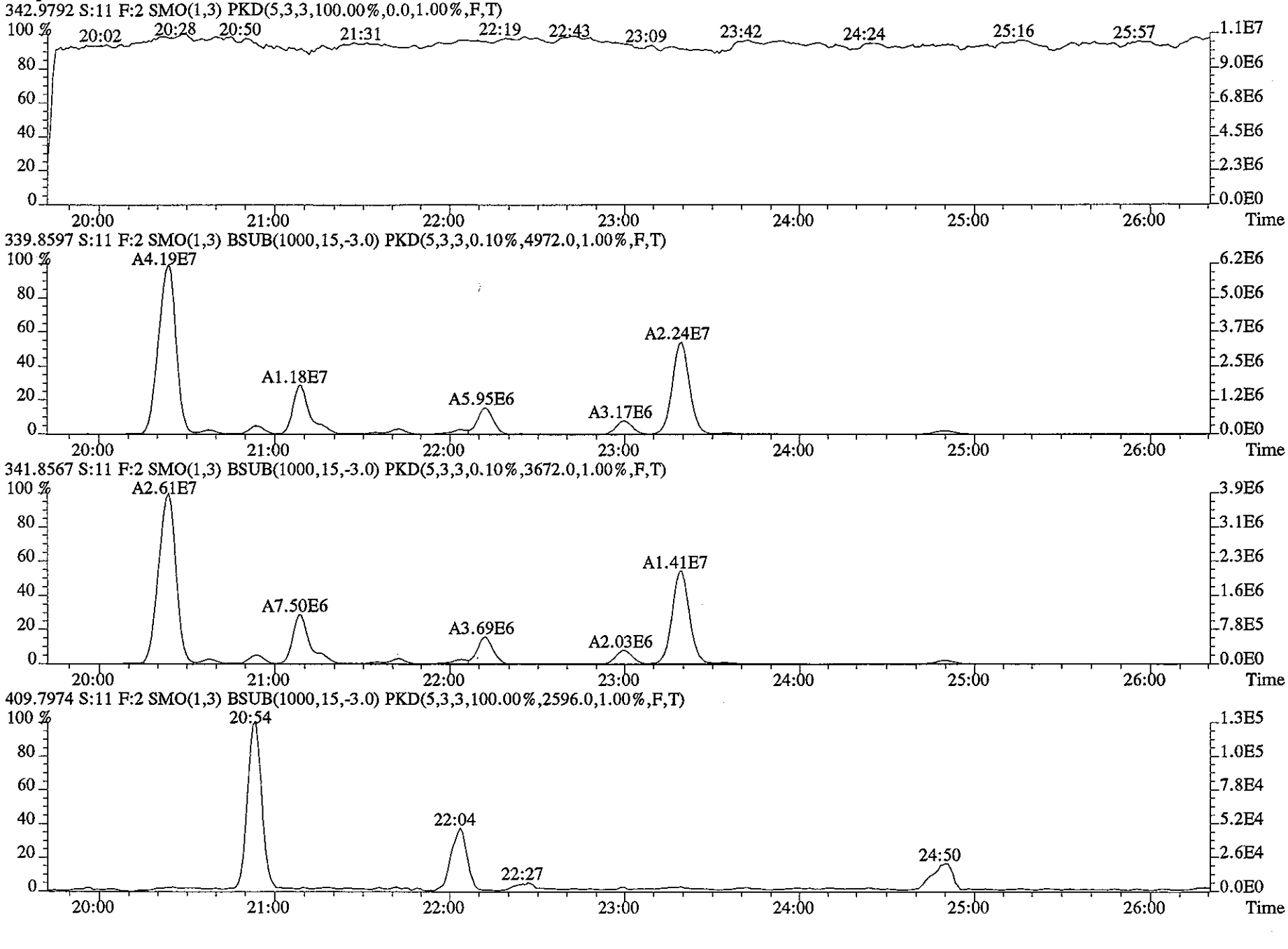
471.7750 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4812.0,1.00%,F,T)



File:09JA068D5 #1-326 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN

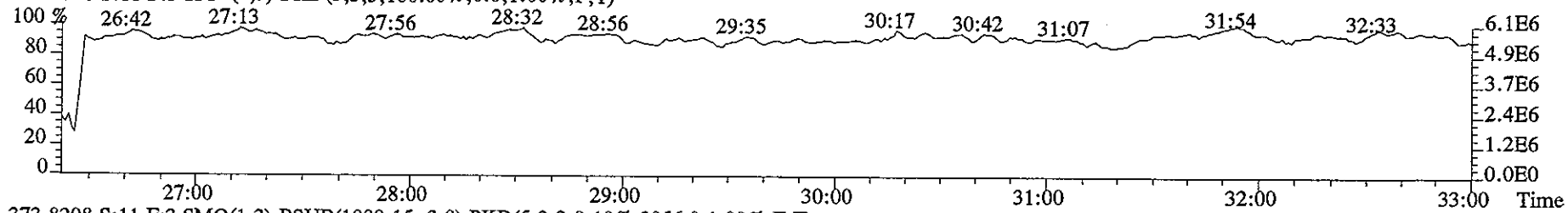


File:09JA068D5 #1-467 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN

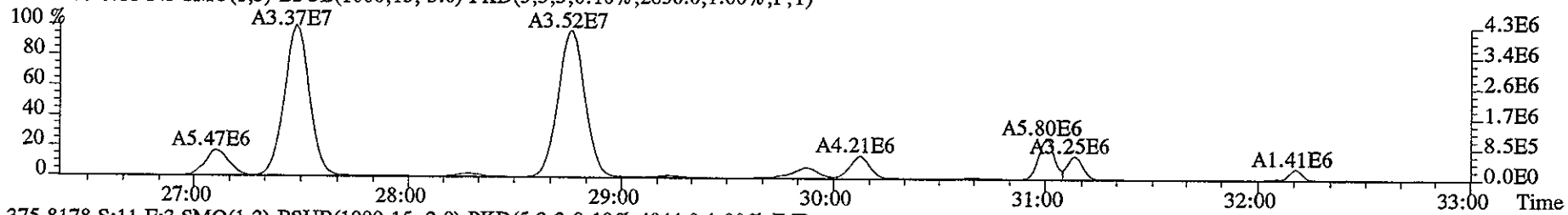


File:09JA068D5 #1-446 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN

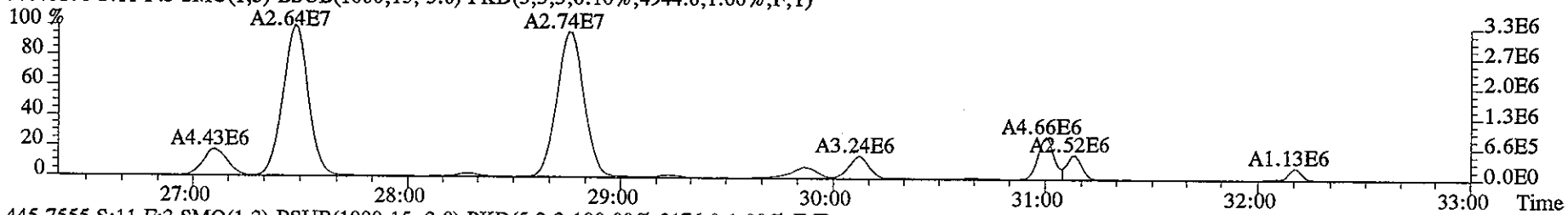
392.9760 S:11 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



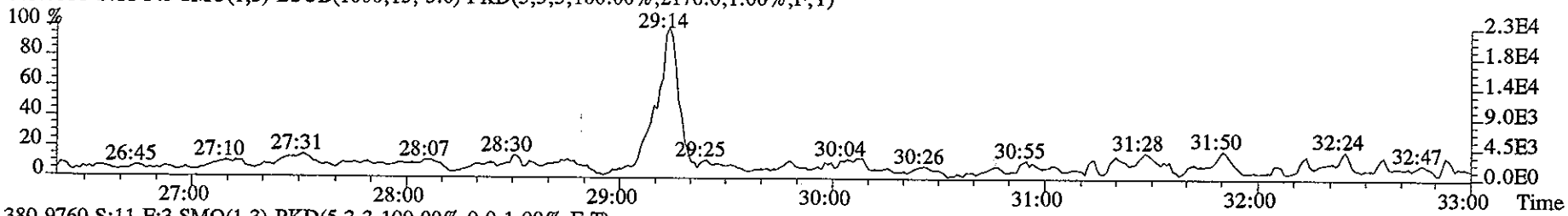
373.8208 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2856.0,1.00%,F,T)



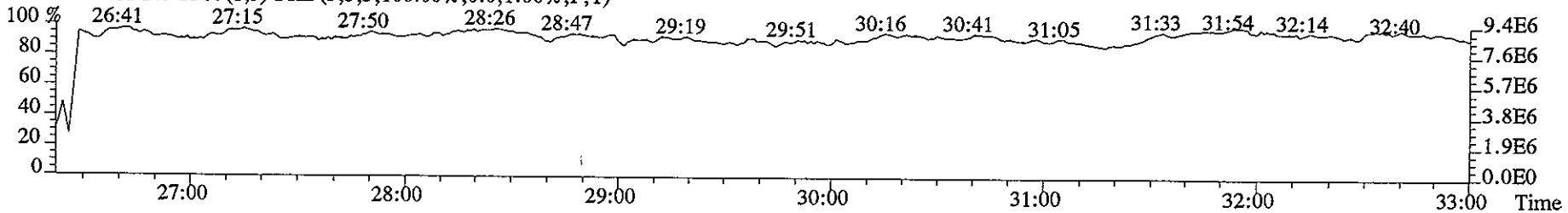
375.8178 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4944.0,1.00%,F,T)



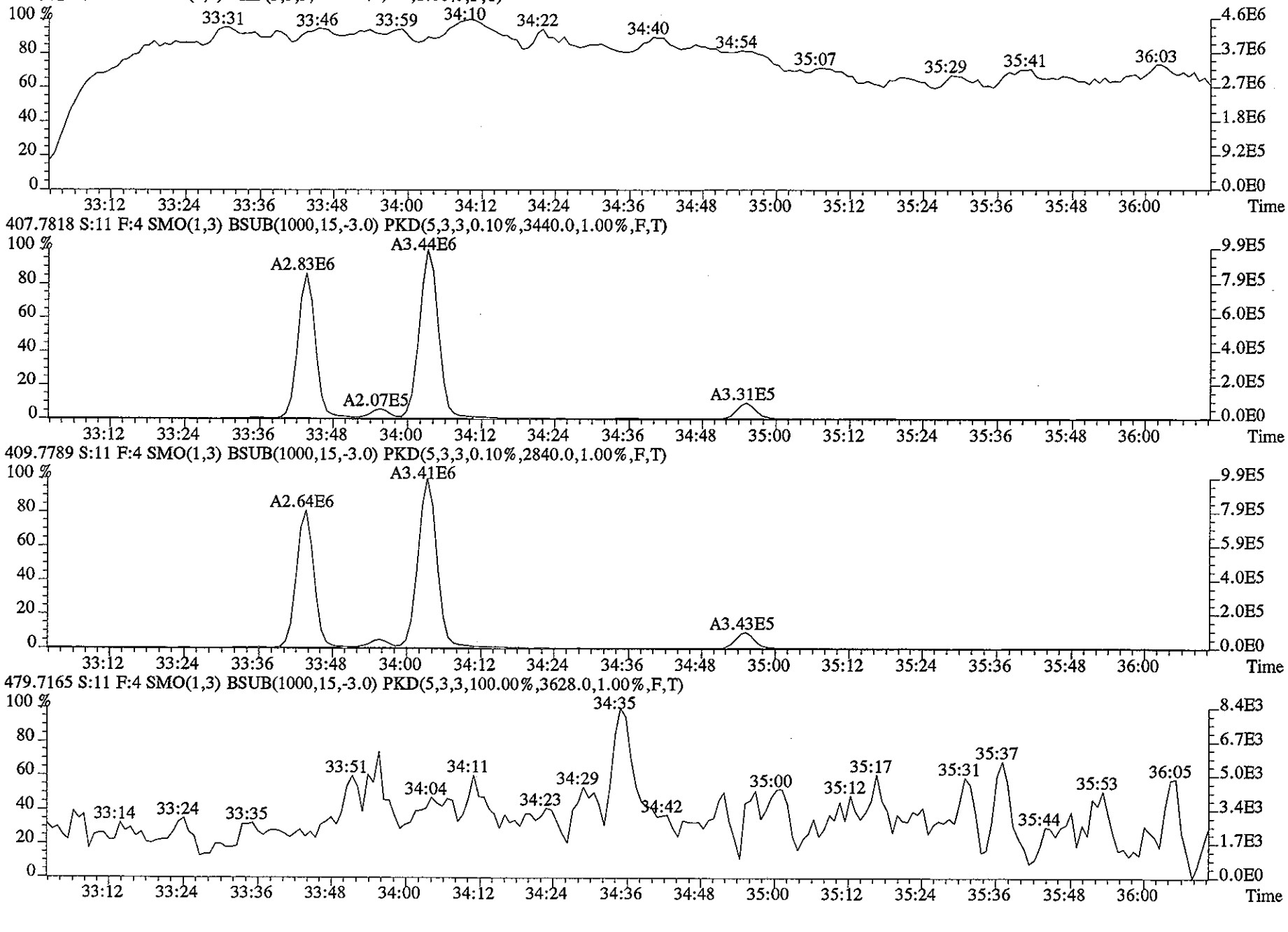
445.7555 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2176.0,1.00%,F,T)



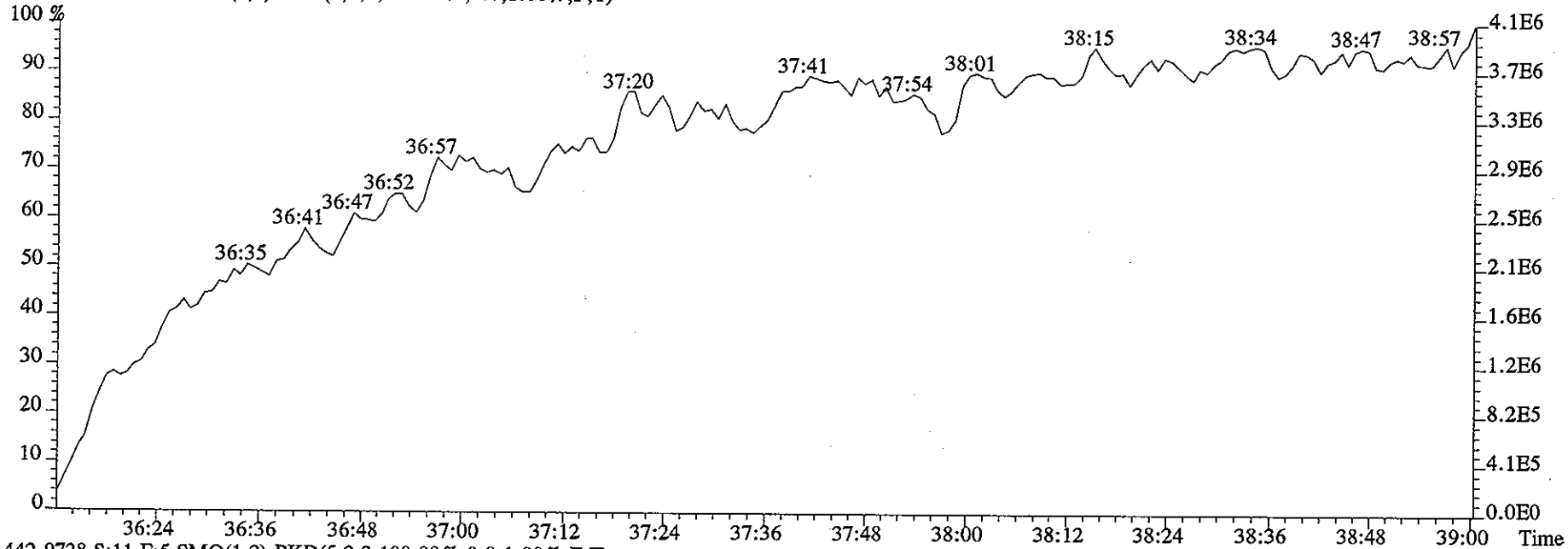
380.9760 S:11 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



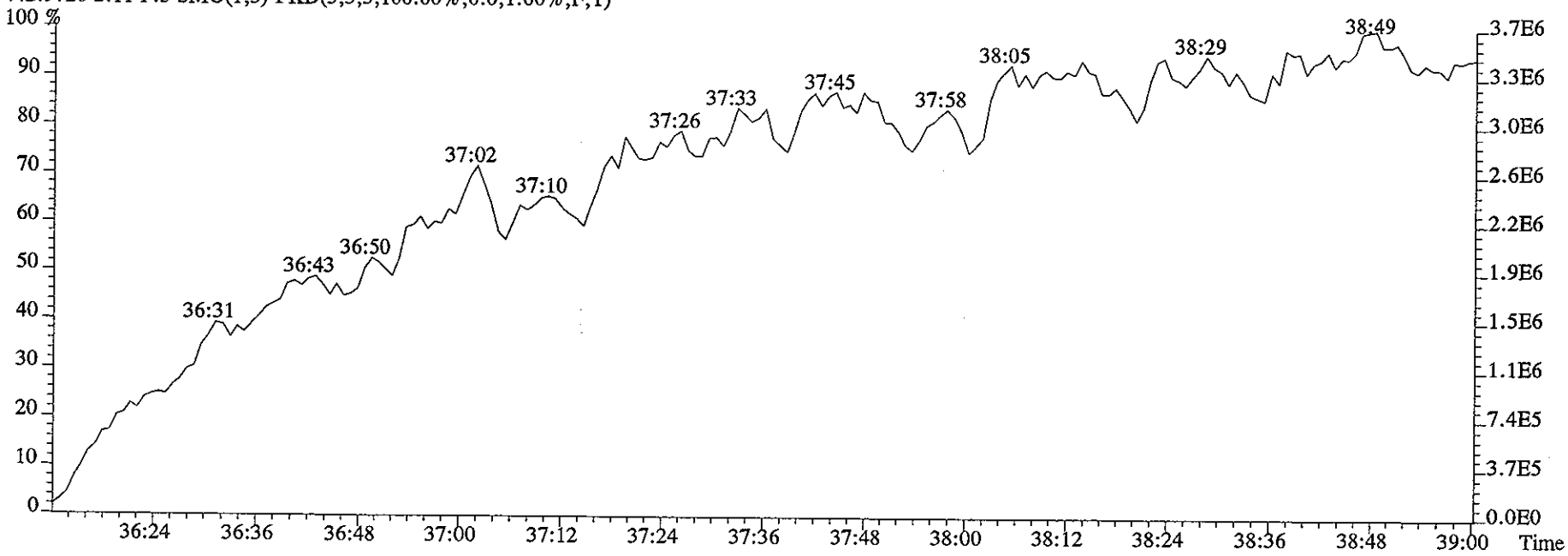
File:09JA068D5 #1-222 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN



File:09JA068D5 #1-203 Acq: 9-JAN-2006 22:25:38 GC EI+ Voltage SIR Autospec-UltimaE
Sample#11 Text:HT1V9-1-AC :G5L300272-2 Exp:DIOXIN
454.9728 S:11 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:11 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

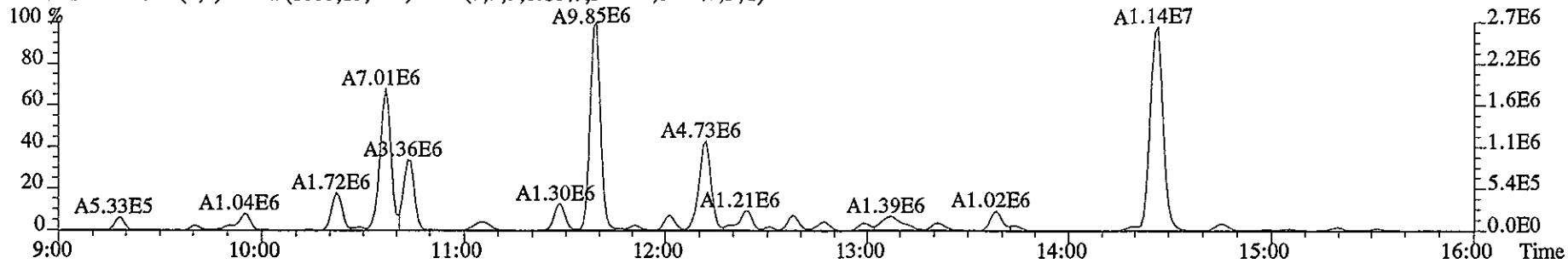


Run text: HT1V9-1-AC Sample text: HT1V9-1-AC :G5L300272-2
Run #8 Filename: 10JA067D2 S: 5 I: 1 Results: 10JA067D2DB225
Acquired: 10-JAN-06 12:10:56 Processed: 11-JAN-06 09:08:04
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

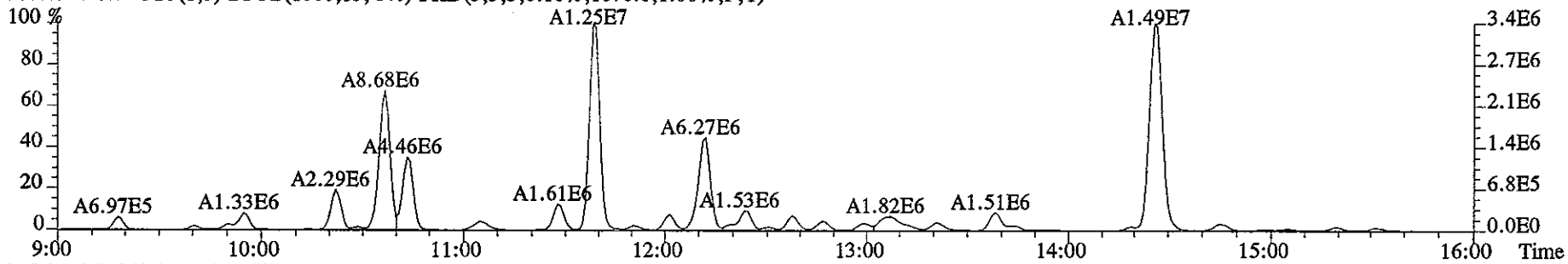
Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	88754100	0.80	y	11:42	-	4.55		-	-	n
13C-2,3,7,8-TCDF	119246500	0.80	y	12:37	1.50	179.73		0.21	89.9	n
2,3,7,8-TCDF	1764913	0.83	y	12:38	0.92	3.22	Con	0.09	-	n
13C-2,3,7,8-TCDD	58820200	0.78	y	11:29	0.81	164.12		0.23	82.1	n
2,3,7,8-TCDD	281992	0.72	y	11:31	1.23	0.78		0.09	-	n
37Cl-2,3,7,8-TCDD	66541200	1.00	y	11:30	1.96	76.37		0.04	95.5	n

1/17/06

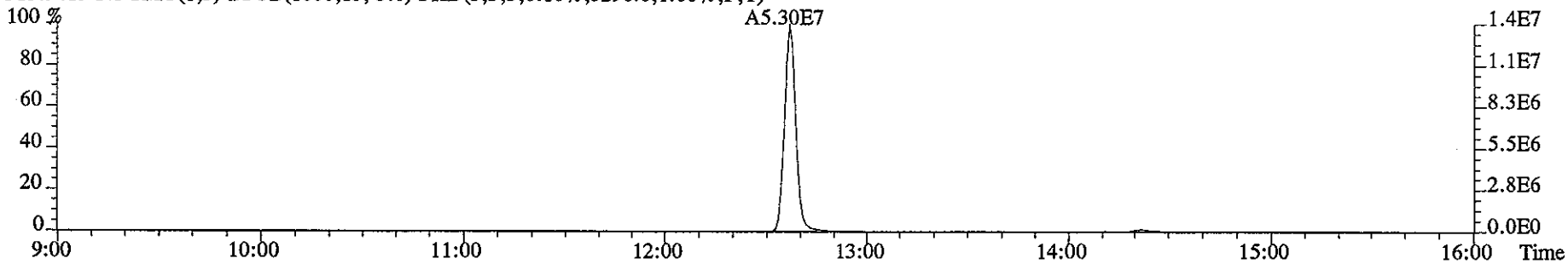
File:10JA067D2 #1-1168 Acq:10-JAN-2006 12:10:56 GC EI+ Voltage SIR 70S
Sample#5 Text:HT1V9-1-AC :G5L300272-2 Exp:DB225
303.9016 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2360.0,1.00%,F,T)



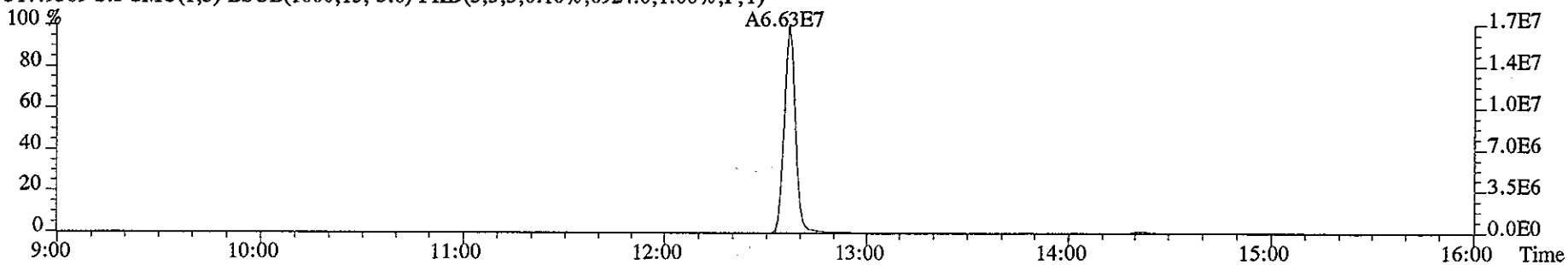
305.8987 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1876.0,1.00%,F,T)



315.9419 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5296.0,1.00%,F,T)

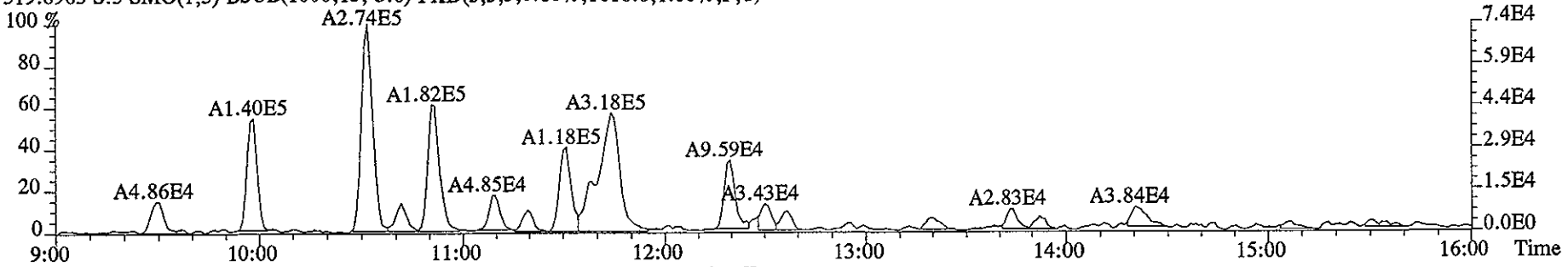


317.9389 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6924.0,1.00%,F,T)

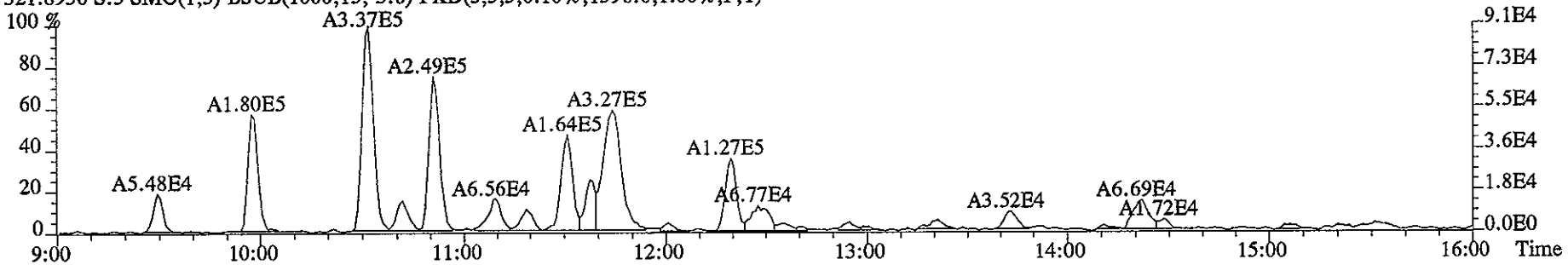


File:10JA067D2 #1-1168 Acq:10-JAN-2006 12:10:56 GC EI+ Voltage SIR 70S
Sample#5 Text:HT1V9-1-AC :G5L300272-2 Exp:DB225

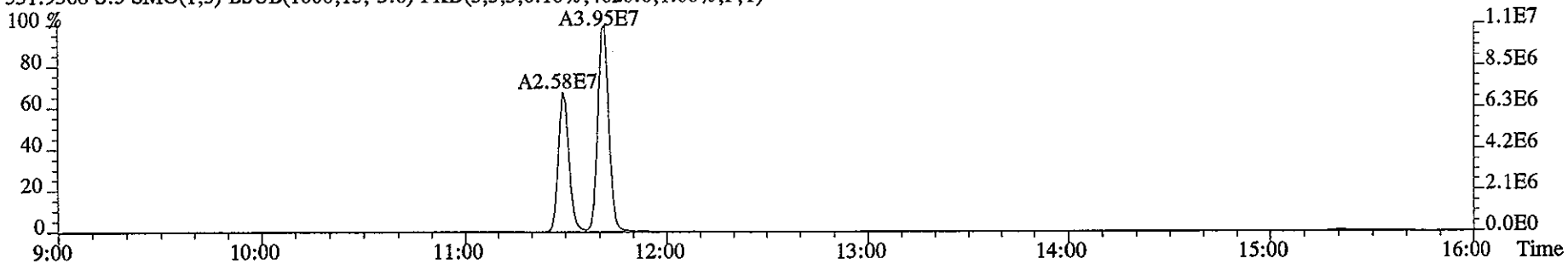
319.8965 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1616.0,1.00%,F,T)



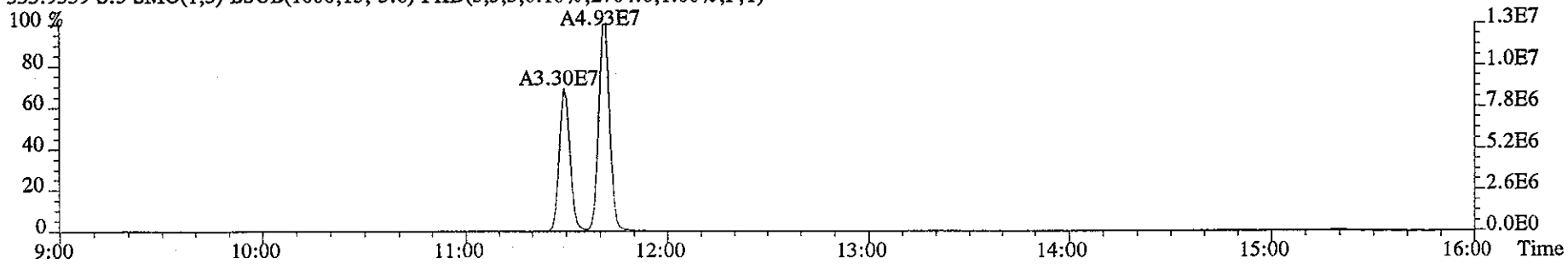
321.8936 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1396.0,1.00%,F,T)



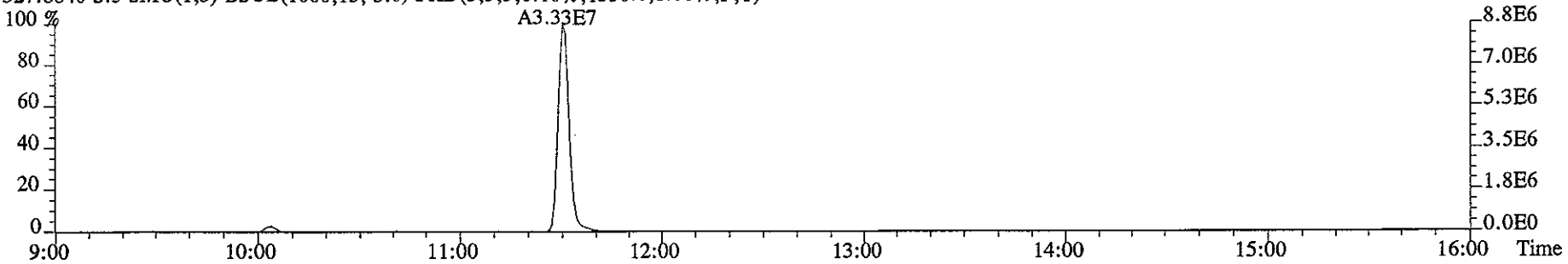
331.9368 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4620.0,1.00%,F,T)



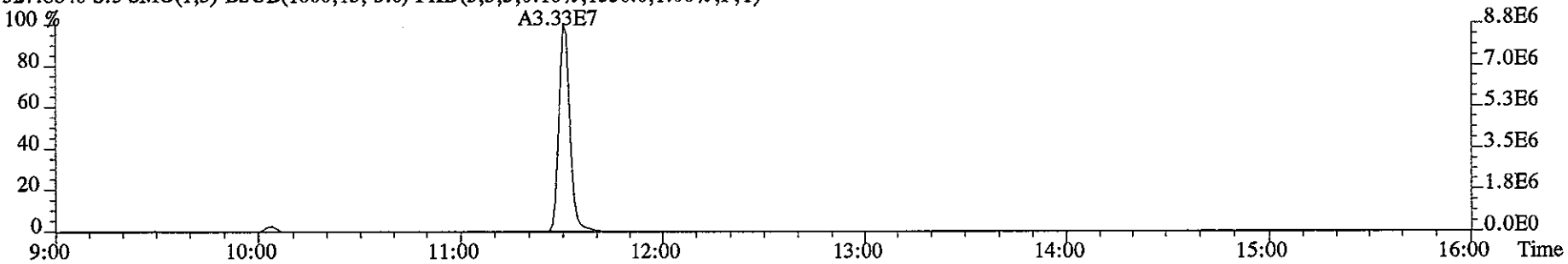
333.9339 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2704.0,1.00%,F,T)



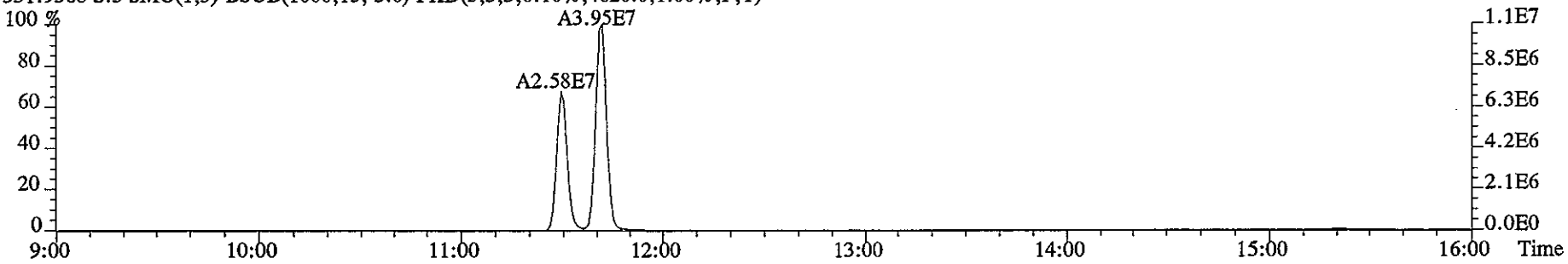
File:10JA067D2 #1-1168 Acq:10-JAN-2006 12:10:56 GC EI+ Voltage SIR 70S
Sample#5 Text:HT1V9-1-AC :G5L300272-2 Exp:DB225
327.8840 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1556.0,1.00%,F,T)



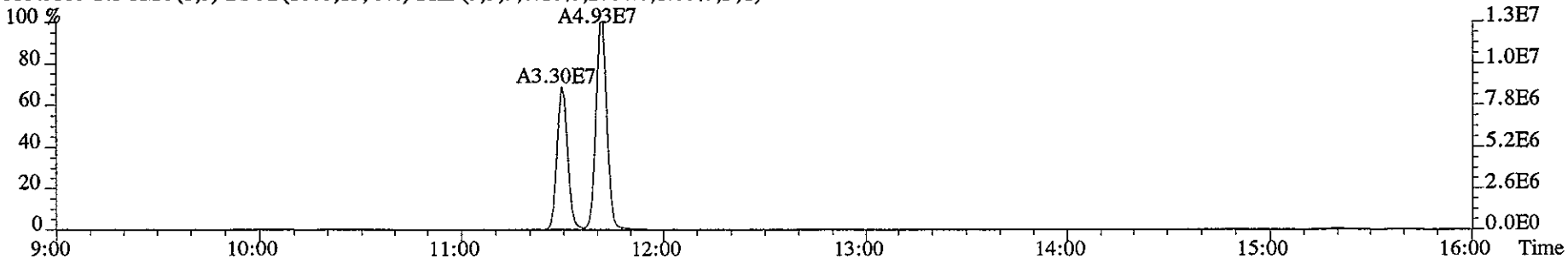
327.8840 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1556.0,1.00%,F,T)



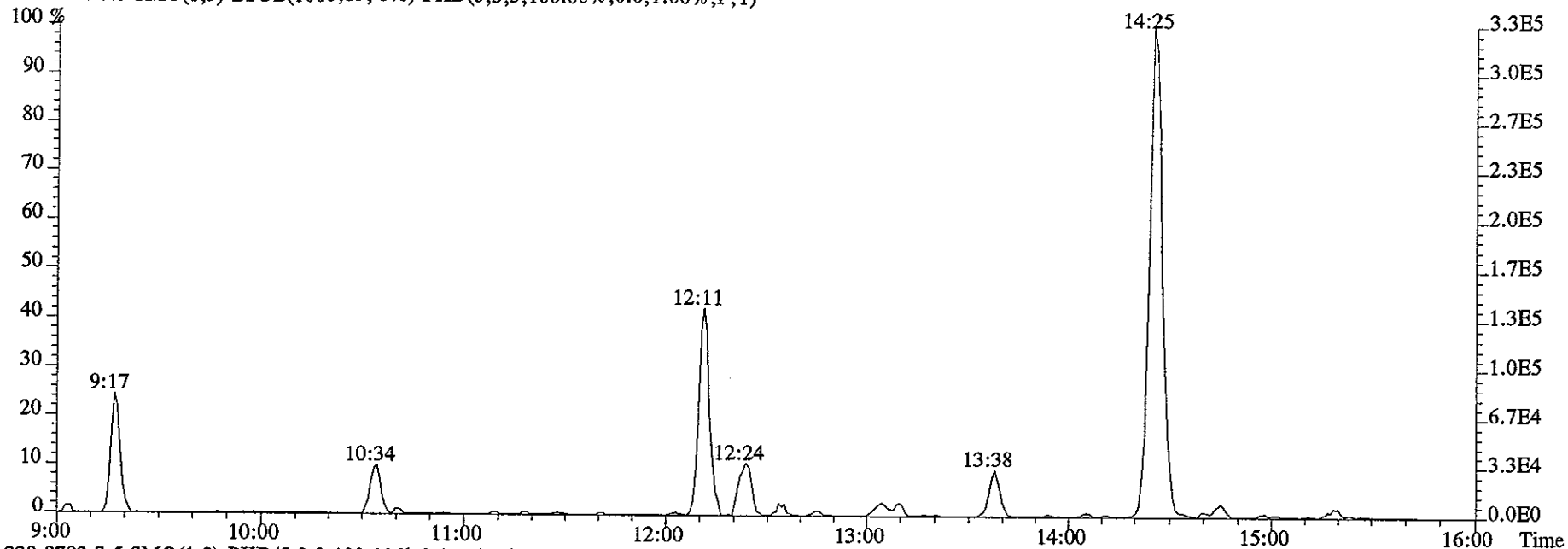
331.9368 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4620.0,1.00%,F,T)



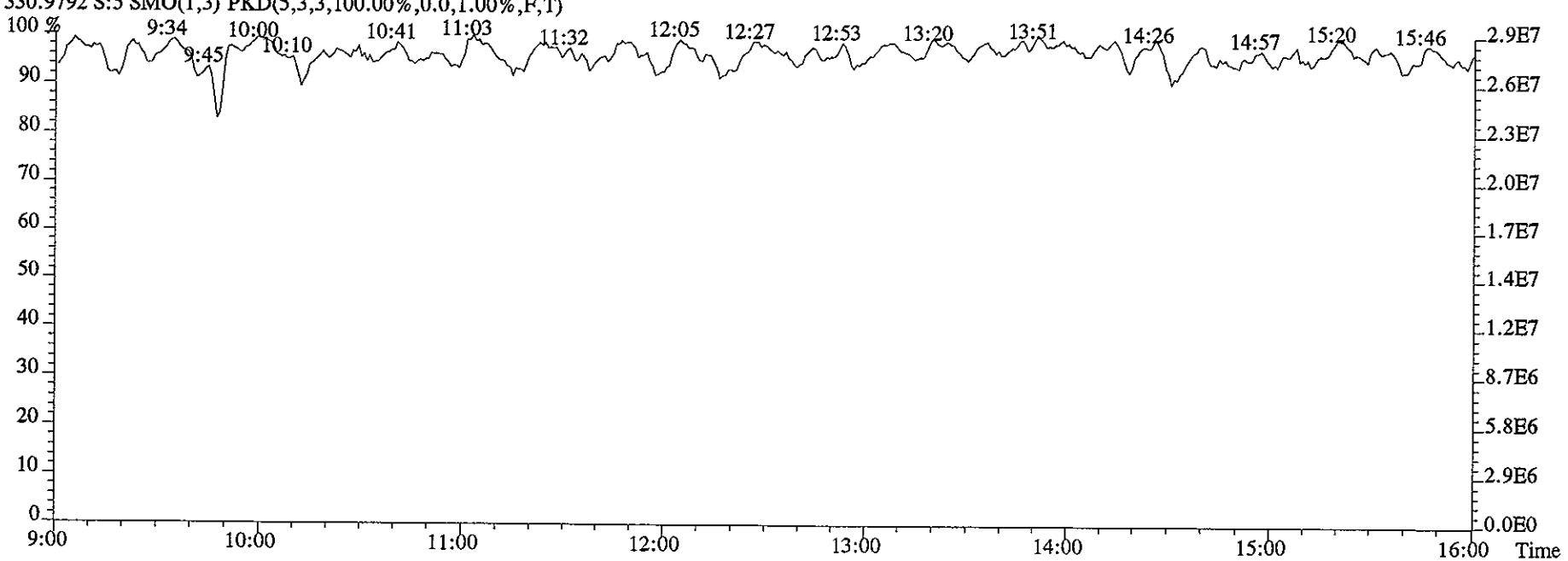
333.9339 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2704.0,1.00%,F,T)



File:10JA067D2 #1-1168 Acq:10-JAN-2006 12:10:56 GC EI+ Voltage SIR 70S
Sample#5 Text:HT1V9-1-AC :G5L300272-2 Exp:DB225
375.8364 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



330.9792 S:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3
Run #11 Filename: 09JA068D5 S: 12 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 23:07:26 Processed: 10-JAN-06 08:11:14
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	56044300	0.81	y	17:23	-	7.75	-	-	n
13C-2,3,7,8-TCDF	73480300	0.80	y	16:53	1.56	168.60	0.23	84.3	n
2,3,7,8-TCDF	3982940	0.76	y	16:55	1.00	10.84 See DB 225	0.44	-	n
Total TCDF	69273583	0.76	y	14:51	1.00	188.50	0.44	-	y
13C-2,3,7,8-TCDD	40616600	0.81	y	17:35	0.92	157.17	0.42	78.6	n
2,3,7,8-TCDD	354679	0.70	y	17:36	1.28	1.36	0.39	-	n
Total TCDD	5185529	0.81	y	15:26	1.28	~~19.95~~ 17.24	0.39	-	n
37Cl-2,3,7,8-TCDD	42218400	1.00	y	17:36	2.42	62.29	0.14	77.9	n
13C-1,2,3,7,8-PeCDF	66073700	1.63	y	21:48	1.34	175.95	0.28	88.0	n
1,2,3,7,8-PeCDF	2702770	1.57	y	21:48	0.95	8.60	0.36	-	n
2,3,4,7,8-PeCDF	7745130	1.56	y	23:08	1.00	23.50	0.34	-	n
Total F2 PeCDF	211192553	1.57	y	20:32	0.97	~~655.73~~ 734.66	0.35	-	n
Total F1 PeCDF	36219119	0.60	n	14:49	0.97	~~142.52~~	0.37	-	n
13C-1,2,3,7,8-PeCDD	37158500	1.56	y	23:50	0.88	149.97	0.27	75.0	n
1,2,3,7,8-PeCDD	845751	1.56	y	23:52	1.02	4.47	0.57	-	n
Total PeCDD	9489711	0.39	n	19:57	1.02	~~50.11~~ 44.63	0.57	-	n
13C-1,2,3,7,8,9-HxCDD	52706700	1.27	y	31:58	-	7.36	-	-	n
13C-1,2,3,4,7,8-HxCDF	53878800	0.53	y	30:04	1.12	183.06	0.21	91.5	n
1,2,3,4,7,8-HxCDF	7109300	1.28	y	30:06	1.08	24.33	0.63	-	y
1,2,3,6,7,8-HxCDF	10883380	1.30	y	30:18	1.20	33.61	0.57	-	n
2,3,4,6,7,8-HxCDF	7570250	1.27	y	31:16	1.09	25.72	0.63	-	n
1,2,3,7,8,9-HxCDF	346778	1.24	y	32:11	1.04	1.23 Q	0.66	-	y
Total HxCDF	234554080	1.27	y	27:21	1.11	~~785.28~~ 784.05	0.62	-	y
13C-1,2,3,6,7,8-HxCDD	39611400	1.26	y	31:35	0.96	156.95	0.22	78.5	n
1,2,3,4,7,8-HxCDD	405231	1.34	y	31:30	0.87	2.34 Q	0.32	-	n
1,2,3,6,7,8-HxCDD	1141725	1.29	y	31:36	0.97	5.97	0.29	-	n
1,2,3,7,8,9-HxCDD	606562	1.27	y	31:58	1.00	3.06 J	0.28	-	y
Total HxCDD	13888564	1.30	y	28:54	0.95	~~74.00~~ 69.96	0.29	-	y
13C-1,2,3,4,6,7,8-HpCDF	38612900	0.47	y	33:48	0.94	156.10	0.53	78.0	n
1,2,3,4,6,7,8-HpCDF	9828810	1.05	y	33:49	1.31	38.93	0.21	-	n
1,2,3,4,7,8,9-HpCDF	1572501	1.04	y	35:00	1.16	7.02	0.23	-	n
Total HpCDF	21531594	0.93	y	33:38	1.23	88.~~48~~ 39	0.22	-	n
13C-1,2,3,4,6,7,8-HpCDD	37128400	1.04	y	34:41	0.87	162.13	0.35	81.1	n
1,2,3,4,6,7,8-HpCDD	3298130	1.05	y	34:42	0.94	18.82	0.23	-	n
Total HpCDD	6688656	3.34	n	33:48	0.94	~~38.16~~ 38.07	0.23	-	n
13C-OCDD	59217200	0.90	y	37:19	0.74	303.55	0.34	75.9	n

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OCDF	4805950	0.88	y	37:25	1.21	26.86	0.28	-	n
OCDD	8638660	0.90	y	37:20	0.98	59.77	0.38	-	n

Run text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3
Run #11 Filename: 09JA068D5 S: 12 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 23:07:26 Processed: 10-JAN-06 08:11:14
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	56044300	0.81	y	17:23	-	7.75	-	-	n
13C-2,3,7,8-TCDF	73480300	0.80	y	16:53	1.56	168.60	0.23	84.3	n
2,3,7,8-TCDF	3982940	0.76	y	16:55	1.00	10.84	0.44	-	n
Total TCDF	94504531	0.76	y	14:51	1.00	~~257.16~~ 342.58 188.56	0.44	-	n
13C-2,3,7,8-TCDD	40616600	0.81	y	17:35	0.92	157.17	0.42	78.6	n
2,3,7,8-TCDD	354679	0.70	y	17:36	1.28	1.36	0.39	-	n
Total TCDD	5185529	0.81	y	15:26	1.28	~~19.95~~ 17.24	0.39	-	n
37Cl-2,3,7,8-TCDD	42218400	1.00	y	17:36	2.42	62.29	0.14	77.9	n
13C-1,2,3,7,8-PeCDF	66073700	1.63	y	21:48	1.34	175.95	0.28	88.0	n
1,2,3,7,8-PeCDF	2702770	1.57	y	21:48	0.95	8.60	0.36	-	n
2,3,4,7,8-PeCDF	7745130	1.56	y	23:08	1.00	23.50	0.34	-	n
Total F2 PeCDF	211192553	1.57	y	20:32	0.97	655.73 ~~653.47~~	0.35	-	n
Total F1 PeCDF	36219119	0.60	n	14:49	0.97	~~112.52~~ ~~105.90~~ 734.66	0.37	-	n
13C-1,2,3,7,8-PeCDD	37158500	1.56	y	23:50	0.88	149.97	0.27	75.0	n
1,2,3,7,8-PeCDD	845751	1.56	y	23:52	1.02	4.47	0.57	-	n
Total PeCDD	9489711	0.39	n	19:57	1.02	~~50.11~~ = 44.63	0.57	-	n
13C-1,2,3,7,8,9-HxCDD	52706700	1.27	y	31:58	-	7.36	-	-	n
13C-1,2,3,4,7,8-HxCDF	53878800	0.53	y	30:04	1.12	183.06	0.21	91.5	n
1,2,3,4,7,8-HxCDF	8689620	1.27	y	30:06	1.08	~~29.73~~ 24.33	0.63	-	n
1,2,3,6,7,8-HxCDF	10883380	1.30	y	30:18	1.20	33.61	0.57	-	n
2,3,4,6,7,8-HxCDF	7570250	1.27	y	31:16	1.09	25.72	0.63	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.04	* 1.23 DL	0.66	-	n
Total HxCDF	236254153	1.27	y	27:21	1.11	~~791.02~~ ~~788.85~~ 784.05	0.62	-	n
13C-1,2,3,6,7,8-HxCDD	39611400	1.26	y	31:35	0.96	156.95	0.22	78.5	n
1,2,3,4,7,8-HxCDD	405231	1.34	y	31:30	0.87	2.34 = DL	0.32	-	n
1,2,3,6,7,8-HxCDD	1141725	1.29	y	31:36	0.97	5.97	0.29	-	n
1,2,3,7,8,9-HxCDD	924182	1.28	y	31:58	1.00	~~4.67~~ 3.01 J	0.28	-	n
Total HxCDD	13962464	1.30	y	28:54	0.95	~~74.31~~ 71.58 69.96 ~~69.69~~	0.29	-	n
13C-1,2,3,4,6,7,8-HpCDF	38612900	0.47	y	33:48	0.94	156.10	0.53	78.0	n
1,2,3,4,6,7,8-HpCDF	9828810	1.05	y	33:49	1.31	38.93	0.21	-	n
1,2,3,4,7,8,9-HpCDF	1572501	1.04	y	35:00	1.16	7.02	0.23	-	n
Total HpCDF	21531594	0.93	y	33:38	1.23	88.~~48~~ 39	0.22	-	n
13C-1,2,3,4,6,7,8-HpCDD	37128400	1.04	y	34:41	0.87	162.13	0.35	81.1	n
1,2,3,4,6,7,8-HpCDD	3298130	1.05	y	34:42	0.94	18.82	0.23	-	n
Total HpCDD	6688656	3.34	n	33:48	0.94	~~38.16~~ 38.07	0.23	-	n
13C-OCDD	59217200	0.90	y	37:19	0.74	303.55	0.34	75.9	n

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OCDF	4805950	0.88	y	37:25	1.21	26.86	0.28	-	n
OCDD	8638660	0.90	y	37:20	0.98	59.77	0.38	-	n

Run text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3
Run #11 Filename: 09JA068D5 S: 12 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 23:07:26 Processed: 10-JAN-06 08:11:14
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	56044300	0.81	y	17:23	-	7.75	-	-	n
13C-2,3,7,8-TCDF	73480300	0.80	y	16:53	1.56	168.60	0.23	84.3	n
2,3,7,8-TCDF	3982940	0.76	y	16:55	1.00	10.84	0.44	-	n
Total TCDF	94504531	0.76	y	14:51	1.00	257.16	0.44	-	n
13C-2,3,7,8-TCDD	40616600	0.81	y	17:35	0.92	157.17	0.42	78.6	n
2,3,7,8-TCDD	354679	0.70	y	17:36	1.28	1.36	0.39	-	n
Total TCDD	5185529	0.81	y	15:26	1.28	19.95	0.39	-	n
37Cl-2,3,7,8-TCDD	42218400	1.00	y	17:36	2.42	62.29	0.14	77.9	n
13C-1,2,3,7,8-PeCDF	66073700	1.63	y	21:48	1.34	175.95	0.28	88.0	n
1,2,3,7,8-PeCDF	2702770	1.57	y	21:48	0.95	8.60	0.36	-	n
2,3,4,7,8-PeCDF	7745130	1.56	y	23:08	1.00	23.50	0.34	-	n
Total F2 PeCDF	211192553	1.57	y	20:32	0.97	655.73	0.35	-	n
Total F1 PeCDF	36219119	0.60	n	14:49	0.97	112.52	0.37	-	n
13C-1,2,3,7,8-PeCDD	37158500	1.56	y	23:50	0.88	149.97	0.27	75.0	n
1,2,3,7,8-PeCDD	845751	1.56	y	23:52	1.02	4.47	0.57	-	n
Total PeCDD	9489711	0.39	n	19:57	1.02	50.11	0.57	-	n
13C-1,2,3,7,8,9-HxCDD	52706700	1.27	y	31:58	-	7.36	-	-	n
13C-1,2,3,4,7,8-HxCDF	53878800	0.53	y	30:04	1.12	183.06	0.21	91.5	n
1,2,3,4,7,8-HxCDF	8689620	1.27	y	30:06	1.08	29.73	0.63	-	n
1,2,3,6,7,8-HxCDF	10883380	1.30	y	30:18	1.20	33.61	0.57	-	n
2,3,4,6,7,8-HxCDF	7570250	1.27	y	31:16	1.09	25.72	0.63	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.04	*	0.66	-	n
Total HxCDF	236254153	1.27	y	27:21	1.11	791.02	0.62	-	n
13C-1,2,3,6,7,8-HxCDD	39611400	1.26	y	31:35	0.96	156.95	0.22	78.5	n
1,2,3,4,7,8-HxCDD	405231	1.34	y	31:30	0.87	2.34	0.32	-	n
1,2,3,6,7,8-HxCDD	1141725	1.29	y	31:36	0.97	5.97	0.29	-	n
1,2,3,7,8,9-HxCDD	924182	1.28	y	31:58	1.00	4.67	0.28	-	n
Total HxCDD	13962464	1.30	y	28:54	0.95	74.31	0.29	-	n
13C-1,2,3,4,6,7,8-HpCDF	38612900	0.47	y	33:48	0.94	156.10	0.53	78.0	n
1,2,3,4,6,7,8-HpCDF	9828810	1.05	y	33:49	1.31	38.93	0.21	-	n
1,2,3,4,7,8,9-HpCDF	1572501	1.04	y	35:00	1.16	7.02	0.23	-	n
Total HpCDF	21531594	0.93	y	33:38	1.23	88.48	0.22	-	n
13C-1,2,3,4,6,7,8-HpCDD	37128400	1.04	y	34:41	0.87	162.13	0.35	81.1	n
1,2,3,4,6,7,8-HpCDD	3298130	1.05	y	34:42	0.94	18.82	0.23	-	n
Total HpCDD	6688656	3.34	n	33:48	0.94	38.16	0.23	-	n
13C-OCDD	59217200	0.90	y	37:19	0.74	303.55	0.34	75.9	n
OCDF	4805950	0.88	y	37:25	1.21	26.86	0.28	-	n
OCDD	8638660	0.90	y	37:20	0.98	59.77	0.38	-	n

Totals 1-9B

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:19
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	2571.62 of which	108.38 named and	2463.24 unnamed
Conc:	257.16 of which	10.84 named and	246.32 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:51	0.76	y	8.53	1350800	43.4	y	n
						1784390	80.1	y	n
	2	15:02	0.80	y	23.87	3897430	141.3	y	n
						4873610	251.4	y	n
	3	15:16	0.44	n	1.50	239441	8.2	y	n
						548319	16.4	y	n
	4	15:31	0.78	y	15.93	2562660	82.8	y	n
						3292190	150.0	y	n
	5	15:45	0.75	y	44.35	7010830	222.5	y	n
						9286860	414.5	y	n
	6	16:01	0.77	y	65.15	10395200	346.7	y	n
						13546200	645.9	y	n
	7	16:13	0.75	y	7.62	1196870	26.9	y	n
						1604740	50.1	y	n
	8	16:31	0.76	y	20.26 DPL	3222940	75.0	y	n
						4223270	141.8	y	n
	9	16:44	0.73	y	0.97	151327	4.8	y	n
						206393	9.2	y	n
2,3,7,8-TCDF	10	16:55	0.76	y	10.84	1720830	51.6	y	n
						2262110	94.5	y	n
	11	17:19	0.84	y	2.55 DPL	427519	13.7	y	n
						508488	23.3	y	n
	12	17:32	0.76	y	2.26 or	357463	9.1	y	n
						473158	17.9	y	n
	13	17:44	0.76	y	1.09 DPL	173122	5.3	y	n
						229124	9.7	y	n
	14	18:03	0.76	y	28.81 DPL	4555580	144.0	y	n
						6031650	270.3	y	n
	15	18:23	0.76	y	8.75 DPL	1384160	43.9	y	n
						1832510	82.7	y	n

See pg 1A

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? yes #Hom:13
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	1885.05 of which	108.38 named and	1776.66 unnamed
Conc:	188.50 of which	10.84 named and	177.67 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:51	0.76	y	8.53	1350800	43.4	y	n
						1784390	80.1	y	n
	2	15:02	0.80	y	23.87	3897430	141.3	y	n
						4873610	251.4	y	n
	3	15:16	0.74	y	1.50	234490	8.1	y	y
						318492	16.1	y	y
	4	15:21	0.82	y	1.00	164610	5.6	y	y
						201251	9.8	y	y
	5	15:31	0.78	y	15.93	2562660	82.8	y	n
						3292190	150.0	y	n
	6	15:45	0.75	y	44.35	7010830	222.5	y	n
						9286860	414.5	y	n
	7	16:01	0.77	y	65.15	10395200	346.7	y	n
						13546200	645.9	y	n
	8	16:13	0.75	y	7.62	1196870	26.9	y	n
						1604740	50.1	y	n
	9	16:34	0.78	y	4.89	784947	29.2	y	y
						1012200	52.4	y	y
	10	16:44	0.73	y	0.97	151326	4.8	y	n
						206393	9.2	y	n
2,3,7,8-TCDF	11	16:55	0.76	y	10.84	1720830	51.6	y	n
						2262110	94.5	y	n
	12	17:32	0.76	y	2.26	357463	9.1	y	n
						473158	17.9	y	n
	13	18:39	0.72	y	1.59	244351	7.1	y	n
						340182	14.0	y	n

PS

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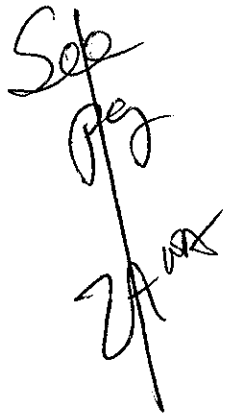
16	18:39	0.72	y	1.59	244351	7.1	y	n
					340182	14.0	y	n
17	18:49	0.61	n	0.48	68507	2.2	n	n
					111737	4.6	y	n
18	19:07	0.79	y	4.41	715935	14.7	y	n
					905979	26.0	y	n
19	19:18	0.74	y	8.24	1291040	36.1	y	n
					1737740	66.5	y	n

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:12
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	199.47 of which	13.64 named and	185.83 unnamed
Conc:	19.95 of which	1.36 named and	18.58 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:26	0.81	y	0.57	66404	4.5	y	n
						82217	5.3	y	n
	2	15:43	0.77	y	1.69	191303	12.3	y	n
						247206	16.2	y	n
	3	15:56	0.53	n	0.41	46195	2.9	n	n
						87421	5.2	y	n
	4	16:30	0.82	y	7.37	865417	46.9	y	n
						1051760	59.4	y	n
	5	16:43	1.05	n	1.21	186516	5.0	y	n
						178010	6.0	y	n
	6	17:05	0.79	y	2.09	240265	13.7	y	n
						303473	18.3	y	n
	7	17:22	0.81	y	0.48	55685	3.0	y	n
						68958	3.7	y	n
	8	17:30	0.78	y	2.59	293870	15.5	y	n
						379065	21.0	y	n
2,3,7,8-TCDD	9	17:36	0.70	y	1.36	146521	8.4	y	n
						208158	12.2	y	n
	10	17:45	0.91	n	0.17	22114	1.2	n	n
						24291	1.5	n	n
	11	17:57	0.84	y	1.57	185872	10.4	y	n
						222181	12.5	y	n
	12	18:39	0.80	y	0.43	50020	2.6	n	n
						62893	3.4	y	n



Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:11
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	6557.33 of which	321.01 named and	6236.32 unnamed

Conc: 655.73 of which 32.10 named and 623.63 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:32	1.57	y	293.68	57790600	3358.7	y	n
						36742900	2269.8	y	n
	2	20:44	1.54	y	6.40	1248860	66.7	y	n
						809980	46.4	y	n
	3	20:58	1.59	y	9.07 DPE	1791840	105.0	y	n
						1128590	69.5	y	n
	4	21:16	1.59	y	92.57	18289200	846.6	y	n
						11507700	574.1	y	n
	5	21:42	1.84	n	2.26	524493	29.2	y	n
						284801	19.8	y	n
1,2,3,7,8-PeCDF	6	21:48	1.57	y	8.60	1649810	79.0	y	n
						1052960	50.1	y	n
	7	22:08	1.57	y	9.83 DPE	1931220	102.9	y	n
						1231480	71.5	y	n
	8	22:19	1.59	y	47.72	9428990	454.3	y	n
						5930400	307.3	y	n
2,3,4,7,8-PeCDF	9	23:08	1.56	y	23.50	4724210	199.4	y	n
						3020920	137.2	y	n
	10	23:27	1.58	y	156.29	30797600	1270.3	y	n
						19511200	860.7	y	n
	11	24:54	1.58	y	5.83 DCE	1150770	39.3	y	n
						727080	26.0	y	n

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:9
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	1125.18 of which	* named and	1125.18	unnamed
Conc:	112.52 of which	* named and	112.52	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:49	0.60	n	2.32	453354	39.1	y	n
						753536	61.3	y	n
	2	15:35	0.71	n	0.52	101246	6.4	y	n
						142391	8.8	y	n
	3	16:36	0.59	n	1.55	302829	19.9	y	n
						514162	35.4	y	n
	4	17:20	0.49	n	0.12	23168	1.5	n	n
						46861	2.4	n	n
	5	18:02	0.96	n	0.90	175591	11.6	y	n
						183320	8.9	y	n
	6	18:23	0.72	n	0.42	81437	3.5	y	n
						112572	6.3	y	n
	7	18:37	0.35	n	0.23	45473	3.4	y	n
						130940	6.6	y	n
	8	18:59	1.59	y	105.90	20918200	1281.6	y	n
						13172100	779.1	y	n
	9	19:18	1.11	n	0.57	110890	4.5	y	n
						99753	4.1	y	n

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:11
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	501.10 of which	44.66 named and	456.44	unnamed
Conc:	50.11 of which	4.47 named and	45.64	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	19:57	0.39	n	0.15	17194	1.7	n	n
						44307	3.8	y	n
	2	20:43	1.62	y	13.55	1584390	104.3	y	n

						980775	68.2	y	n
	3	21:25	1.54	y	0.78	89566	5.9	y	n
						58069	4.5	y	n
	4	21:52	1.49	y	5.59	633197	38.0	y	n
						425644	28.2	y	n
	5	22:05	1.55	y	6.35	731154	43.4	y	n
						471626	31.5	y	n
	6	22:23	1.59	y	4.98	579042	35.5	y	n
						363898	22.5	y	n
	7	22:52	1.66	y	9.69	1144570	54.3	y	n
						691264	36.5	y	n
	8	23:14	1.56	y	1.45	167200	10.0	y	n
						106854	6.9	y	n
1,2,3,7,8-PeCDD	9	23:52	1.56	y	4.47	515185	27.6	y	n
						330566	18.7	y	n
	10	24:09	1.56	y	1.00	115864	5.7	y	n
						74106	4.4	y	n
	11	24:50	1.53	y	2.10	241205	12.2	y	n
						157249	9.7	y	n

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:12
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount: 7910.23 of which 890.59 named and 7019.63 unnamed
Conc: 791.02 of which 89.06 named and 701.96 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:21	1.27	y	48.90	8139490	227.3	y	n
						6428250	179.2	y	n
	2	27:44	1.28	y	287.87	48188800	1370.9	y	n
						37565200	1055.1	y	n
	3	28:32	1.23	y	6.31	1036970	28.5	y	n
						842326	22.8	y	n
	4	29:01	1.28	y	291.82	48819100	1284.1	y	n
						38111500	989.0	y	n
	5	29:20	1.29	y	3.36 DPE	563221	15.7	y	n
						437761	12.5	y	n
1,2,3,4,7,8-HxCDF	6	30:06	1.27	y	29.73	4857170	137.8	y	n
						3832450	102.8	y	n
1,2,3,6,7,8-HxCDF	7	30:18	1.30	y	33.61	6161370	219.2	y	n
						4722010	168.9	y	n
	8	30:48	1.25	y	1.96	325266	12.1	y	n
						259810	9.1	y	n
	9	31:08	1.26	y	48.10	7994630	396.0	y	n
						6333020	314.5	y	n
2,3,4,6,7,8-HxCDF	10	31:16	1.27	y	25.72	4239560	226.7	y	n
						3330690	177.1	y	n
	11	32:16	1.28	y	13.44	2247340	126.4	y	n
						1756160	95.9	y	n
	12	32:56	1.24	y	0.21	34304	2.3	n	n
						27755	2.1	n	n

See DPE LA

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:7
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount: 743.07 of which 129.81 named and 613.26 unnamed

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? yes #Hom:11
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	7852.83 of which	848.85 named and	7003.97 unnamed
Conc:	785.28 of which	84.89 named and	700.40 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:21	1.27	y	48.90	8139490	227.3	y	n
						6428250	179.2	y	n
	2	27:44	1.28	y	287.87	48188800	1370.9	y	n
						37565200	1055.1	y	n
	3	28:32	1.23	y	6.31	1036980	28.5	y	n
						842326	22.8	y	n
	4	29:01	1.28	y	291.82	48819100	1284.1	y	n
						38111500	989.0	y	n
	5	30:01	1.27	y	5.12	852636	57.2	y	y
						673500	43.8	y	y
1,2,3,4,7,8-HxCDF	6	30:06	1.28	y	24.33	3985910	137.6	y	y
						3123390	102.5	y	y
1,2,3,6,7,8-HxCDF	7	30:18	1.30	y	33.61	6161370	219.2	y	n
						4722010	168.9	y	n
	8	31:08	1.26	y	48.10	7994630	396.0	y	n
						6333020	314.5	y	n
2,3,4,6,7,8-HxCDF	9	31:16	1.27	y	25.72	4239560	226.7	y	n
						3330690	177.1	y	n
1,2,3,7,8,9-HxCDF	10	32:11	1.24	y	1.23	191670	14.3	y	y
						155108	11.7	y	y
	11	32:16	1.28	y	12.28	2054610	126.3	y	y
						1604330	95.9	y	y

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Conc: 74.31 of which 12.98 named and 61.33 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:54	1.30	y	17.62	1866670	108.0	y	n
						1435170	65.8	y	n
	2	30:10	1.37	y	8.74	948309	76.3	y	n
						690280	45.6	y	n
	3	30:38	1.29	y	34.57	3645000	325.3	y	n
						2831910	203.4	y	n
	4	30:51	2.02	n	0.39	66782	6.1	y	n
						33030	3.1	y	n
1,2,3,4,7,8-HxCDD	5	31:30	1.34	y	2.34	232185	28.2	y	n
						173046	16.8	y	n
1,2,3,6,7,8-HxCDD	6	31:36	1.29	y	5.97	644166	81.1	y	n
						497559	48.3	y	n
1,2,3,7,8,9-HxCDD	7	31:58	1.28	y	4.67	518669	51.5	y	n
						405513	34.4	y	n

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Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:5
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount: 884.84 of which 459.51 named and 425.33 unnamed
Conc: 88.48 of which 45.95 named and 42.53 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:38	0.93	y	0.09	10793	1.2	n	n
						11634	1.9	n	n
1,2,3,4,6,7,8-HpCDF	2	33:49	1.05	y	38.93	5039340	480.4	y	n
						4789470	749.1	y	n
	3	34:01	1.03	y	3.20	385535	34.8	y	n
						375742	52.9	y	n
	4	34:08	0.98	y	39.24	4614500	418.5	y	n
						4732080	702.9	y	n
1,2,3,4,7,8,9-HpCDF	5	35:00	1.04	y	7.02	802244	72.8	y	n
						770257	111.6	y	n

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? yes #Hom:7
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	740.03	of which	113.77	named and	626.27	unnamed			
Conc:	74.00	of which	11.38	named and	62.63	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:54	1.30	y	17.62	1866670	108.0	y	n
						1435170	65.8	y	n
	2	30:10	1.37	y	8.74	948309	76.3	y	n
						690284	45.6	y	n
	3	30:38	1.29	y	34.57	3645010	325.3	y	n
						2831910	203.4	y	n
1,2,3,4,7,8-HxCDD	4	31:30	1.34	y	2.34	232185	28.2	y	n
						173046	16.8	y	n
1,2,3,6,7,8-HxCDD	5	31:36	1.29	y	5.97	644165	81.1	y	n
						497560	48.3	y	n
	6	31:57	1.33	y	1.70	181073	37.0	y	y
						136620	24.0	y	y
1,2,3,7,8,9-HxCDD	7	31:58	1.27	y	3.06	339073	51.7	y	y
						267489	34.4	y	y

Pg 7A

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:3
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	381.64 of which	188.18 named and	193.46	unnamed
Conc:	38.16 of which	18.82 named and	19.35	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:48	3.34	n	0.09	25908	3.2	y	n
						7763	1.0	n	n
	2	34:05	1.04	y	19.26	1718450	235.9	y	n
						1656240	271.2	y	n
1,2,3,4,6,7,8-HpCDD	3	34:42	1.05	y	18.82	1691410	230.9	y	n
						1606720	254.6	y	n

Totals 1-9A
see totals 1-9B

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:19
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	2571.62 of which	108.38 named and	2463.24 unnamed
Conc:	257.16 of which	10.84 named and	246.32 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:51	0.76	y	8.53	1350800	43.4	y	n
						1784390	80.1	y	n
	2	15:02	0.80	y	23.87	3897430	141.3	y	n
						4873610	251.4	y	n
	3	15:16	0.44	n	1.50	239441	8.2	y	n
						548319	16.4	y	n
	4	15:31	0.78	y	15.93	2562660	82.8	y	n
						3292190	150.0	y	n
	5	15:45	0.75	y	44.35	7010830	222.5	y	n
						9286860	414.5	y	n
	6	16:01	0.77	y	65.15	10395200	346.7	y	n
						13546200	645.9	y	n
	7	16:13	0.75	y	7.62	1196870	26.9	y	n
						1604740	50.1	y	n
	8	16:31	0.76	y	20.26	3222940	75.0	y	n
						4223270	141.8	y	n
	9	16:44	0.73	y	0.97	151327	4.8	y	n
						206393	9.2	y	n
2,3,7,8-TCDF	10	16:55	0.76	y	10.84	1720830	51.6	y	n
						2262110	94.5	y	n
	11	17:19	0.84	y	2.55	427519	13.7	y	n
						508488	23.3	y	n
	12	17:32	0.76	y	2.26	357463	9.1	y	n
						473158	17.9	y	n
	13	17:44	0.76	y	1.09	173122	5.3	y	n
						229124	9.7	y	n
	14	18:03	0.76	y	28.81	4555580	144.0	y	n
						6031650	270.3	y	n
	15	18:23	0.76	y	8.75	1384160	43.9	y	n
						1832510	82.7	y	n

16	18:39	0.72	y	1.59	244351	7.1	y	n
					340182	14.0	y	n
17	18:49	0.61	n	0.43	68507	2.2	n	n
					111737	4.6	y	n
18	19:07	0.79	y	4.41	715935	14.7	y	n
					905979	26.0	y	n
19	19:18	0.74	y	8.24	1291040	36.1	y	n
					1737740	66.5	y	n

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:12
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	199.47 of which	13.64 named and	185.83 unnamed
Conc:	19.95 of which	1.36 named and	18.58 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:26	0.81	y	0.57	66404	4.5	y	n
						82217	5.3	y	n
	2	15:43	0.77	y	1.69	191303	12.3	y	n
						247206	16.2	y	n
	3	15:56	0.53	n	0.41	46195	2.9	n	n
						87421	5.2	y	n
	4	16:30	0.82	y	7.37	865417	46.9	y	n
						1051760	59.4	y	n
	5	16:43	1.05	n	1.21	186516	5.0	y	n
						178010	6.0	y	n
	6	17:05	0.79	y	2.09	240265	13.7	y	n
						303473	18.3	y	n
	7	17:22	0.81	y	0.48	55685	3.0	y	n
						68958	3.7	y	n
	8	17:30	0.78	y	2.59	293870	15.5	y	n
						379065	21.0	y	n
2,3,7,8-TCDD	9	17:36	0.70	y	1.36	146521	8.4	y	n
						208158	12.2	y	n
	10	17:45	0.91	n	0.17	22114	1.2	n	n
						24291	1.5	n	n
	11	17:57	0.84	y	1.57	185872	10.4	y	n
						222181	12.5	y	n
	12	18:39	0.80	y	0.43	50020	2.6	n	n
						62893	3.4	y	n

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:11
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	6557.33 of which	321.01 named and	6236.32 unnamed

Conc: 655.73 of which 32.10 named and 623.63 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:32	1.57	y	293.68	57790600	3358.7	y	n
						36742900	2269.8	y	n
	2	20:44	1.54	y	6.40	1248860	66.7	y	n
						809980	46.4	y	n
	3	20:58	1.59	y	9.07	1791840	105.0	y	n
						1128590	69.5	y	n
	4	21:16	1.59	y	92.57	18289200	846.6	y	n
						11507700	574.1	y	n
	5	21:42	1.84	n	2.26	524493	29.2	y	n
						284801	19.8	y	n
1,2,3,7,8-PeCDF	6	21:48	1.57	y	8.60	1649810	79.0	y	n
						1052960	50.1	y	n
	7	22:08	1.57	y	9.83	1931220	102.9	y	n
						1231480	71.5	y	n
	8	22:19	1.59	y	47.72	9428990	454.3	y	n
						5930400	307.3	y	n
2,3,4,7,8-PeCDF	9	23:08	1.56	y	23.50	4724210	199.4	y	n
						3020920	137.2	y	n
	10	23:27	1.58	y	156.29	30797600	1270.3	y	n
						19511200	860.7	y	n
	11	24:54	1.58	y	5.83	1150770	39.3	y	n
						727080	26.0	y	n

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:9
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	1125.18	of which	* named and	1125.18	unnamed
Conc:	112.52	of which	* named and	112.52	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:49	0.60	n	2.32	453354	39.1	y	n
						753536	61.3	y	n
	2	15:35	0.71	n	0.52	101246	6.4	y	n
						142391	8.8	y	n
	3	16:36	0.59	n	1.55	302829	19.9	y	n
						514162	35.4	y	n
	4	17:20	0.49	n	0.12	23168	1.5	n	n
						46861	2.4	n	n
	5	18:02	0.96	n	0.90	175591	11.6	y	n
						183320	8.9	y	n
	6	18:23	0.72	n	0.42	81437	3.5	y	n
						112572	6.3	y	n
	7	18:37	0.35	n	0.23	45473	3.4	y	n
						130940	6.6	y	n
	8	18:59	1.59	y	105.90	20918200	1281.6	y	n
						13172100	779.1	y	n
	9	19:18	1.11	n	0.57	110890	4.5	y	n
						99753	4.1	y	n

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:11
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	501.10	of which	44.66 named and	456.44	unnamed
Conc:	50.11	of which	4.47 named and	45.64	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	19:57	0.39	n	0.15	17194	1.7	n	n
						44307	3.8	y	n
	2	20:43	1.62	y	13.55	1584390	104.3	y	n

						980775	68.2	y	n
	3	21:25	1.54	y	0.78	89566	5.9	y	n
						58069	4.5	y	n
	4	21:52	1.49	y	5.59	633197	38.0	y	n
						425644	28.2	y	n
	5	22:05	1.55	y	6.35	731154	43.4	y	n
						471626	31.5	y	n
	6	22:23	1.59	y	4.98	579042	35.5	y	n
						363898	22.5	y	n
	7	22:52	1.66	y	9.69	1144570	54.3	y	n
						691264	36.5	y	n
	8	23:14	1.56	y	1.45	167200	10.0	y	n
						106854	6.9	y	n
1,2,3,7,8-PeCDD	9	23:52	1.56	y	4.47	515185	27.6	y	n
						330566	18.7	y	n
	10	24:09	1.56	y	1.00	115864	5.7	y	n
						74106	4.4	y	n
	11	24:50	1.53	y	2.10	241205	12.2	y	n
						157249	9.7	y	n

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:12
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount: 7910.23 of which 890.59 named and 7019.63 unnamed
Conc: 791.02 of which 89.06 named and 701.96 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:21	1.27	y	48.90	8139490	227.3	y	n
						6428250	179.2	y	n
	2	27:44	1.28	y	287.87	48188800	1370.9	y	n
						37565200	1055.1	y	n
	3	28:32	1.23	y	6.31	1036970	28.5	y	n
						842326	22.8	y	n
	4	29:01	1.28	y	291.82	48819100	1284.1	y	n
						38111500	989.0	y	n
	5	29:20	1.29	y	3.36	563221	15.7	y	n
						437761	12.5	y	n
1,2,3,4,7,8-HxCDF	6	30:06	1.27	y	29.73	4857170	137.8	y	n
						3832450	102.8	y	n
1,2,3,6,7,8-HxCDF	7	30:18	1.30	y	33.61	6161370	219.2	y	n
						4722010	168.9	y	n
	8	30:48	1.25	y	1.96	325266	12.1	y	n
						259810	9.1	y	n
	9	31:08	1.26	y	48.10	7994630	396.0	y	n
						6333020	314.5	y	n
2,3,4,6,7,8-HxCDF	10	31:16	1.27	y	25.72	4239560	226.7	y	n
						3330690	177.1	y	n
	11	32:16	1.28	y	13.44	2247340	126.4	y	n
						1756160	95.9	y	n
	12	32:56	1.24	y	0.21	34304	2.3	n	n
						27755	2.1	n	n

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:7
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount: 743.07 of which 129.81 named and 613.26 unnamed

Conc: 74.31 of which 12.98 named and 61.33 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:54	1.30	y	17.62	1866670	108.0	y	n
						1435170	65.8	y	n
	2	30:10	1.37	y	8.74	948309	76.3	y	n
						690280	45.6	y	n
	3	30:38	1.29	y	34.57	3645000	325.3	y	n
						2831910	203.4	y	n
	4	30:51	2.02	n	0.39	66782	6.1	y	n
						33030	3.1	y	n
1,2,3,4,7,8-HxCDD	5	31:30	1.34	y	2.34	232185	28.2	y	n
						173046	16.8	y	n
1,2,3,6,7,8-HxCDD	6	31:36	1.29	y	5.97	644166	81.1	y	n
						497559	48.3	y	n
1,2,3,7,8,9-HxCDD	7	31:58	1.28	y	4.67	518669	51.5	y	n
						405513	34.4	y	n

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:5
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D¶

Amount: 884.84 of which 459.51 named and 425.33 unnamed
Conc: 88.48 of which 45.95 named and 42.53 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:38	0.93	y	0.09	10793	1.2	n	n
						11634	1.9	n	n
1,2,3,4,6,7,8-HpCDF	2	33:49	1.05	y	38.93	5039340	480.4	y	n
						4789470	749.1	y	n
	3	34:01	1.03	y	3.20	385535	34.8	y	n
						375742	52.9	y	n
	4	34:08	0.98	y	39.24	4614500	418.5	y	n
						4732080	702.9	y	n
1,2,3,4,7,8,9-HpCDF	5	35:00	1.04	y	7.02	802244	72.8	y	n
						770257	111.6	y	n

Run Text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3

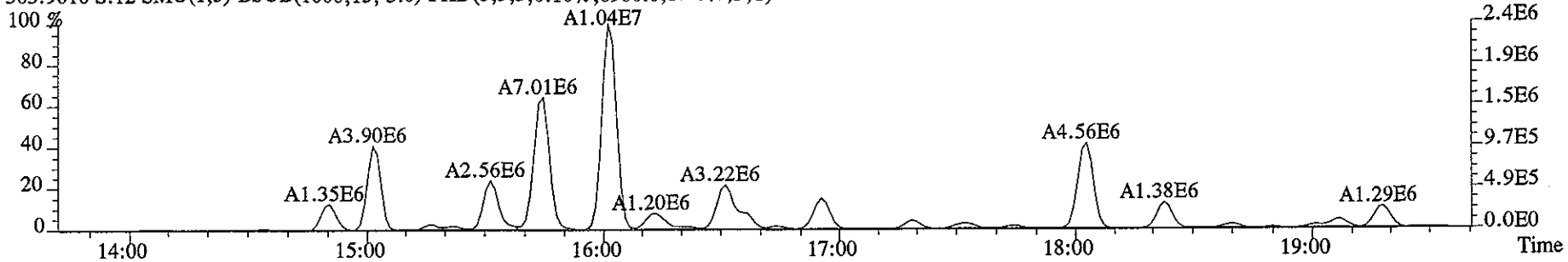
Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:3
Run: 11 File: 09JA068D5 S:12 Acq:9-JAN-06 23:07:26
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	381.64 of which	188.18 named and	193.46	unnamed
Conc:	38.16 of which	18.82 named and	19.35	unnamed

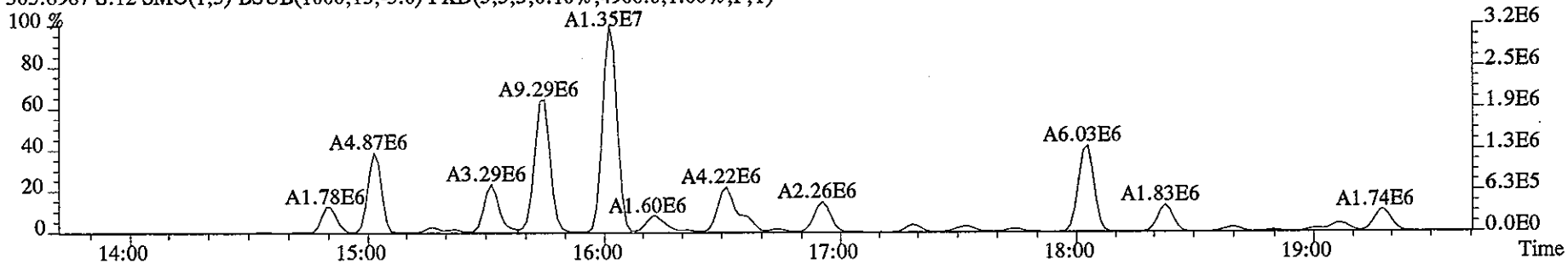
Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:48	3.34	n	0.09	25908	3.2	y	n
						7763	1.0	n	n
	2	34:05	1.04	y	19.26	1718450	235.9	y	n
						1656240	271.2	y	n
1,2,3,4,6,7,8-HpCDD	3	34:42	1.05	y	18.82	1691410	230.9	y	n
						1606720	254.6	y	n

File:09JA068D5 #1-325 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

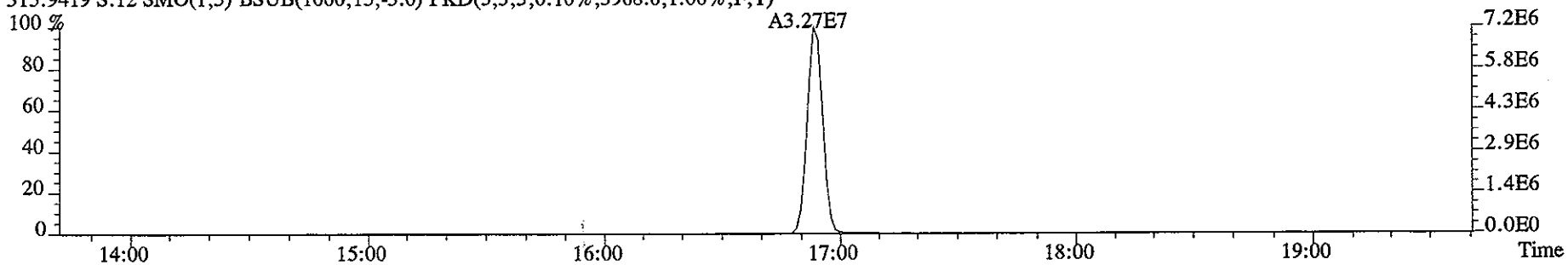
303.9016 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6980.0,1.00%,F,T)



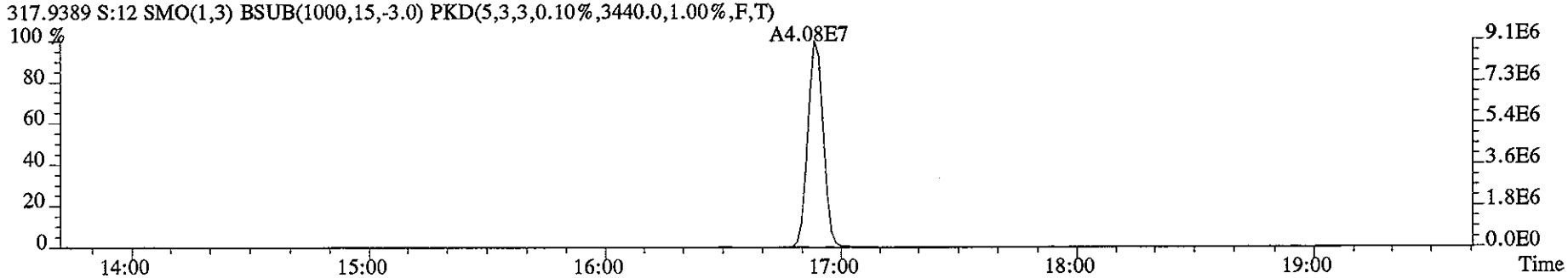
305.8987 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4900.0,1.00%,F,T)



315.9419 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3968.0,1.00%,F,T)



317.9389 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3440.0,1.00%,F,T)

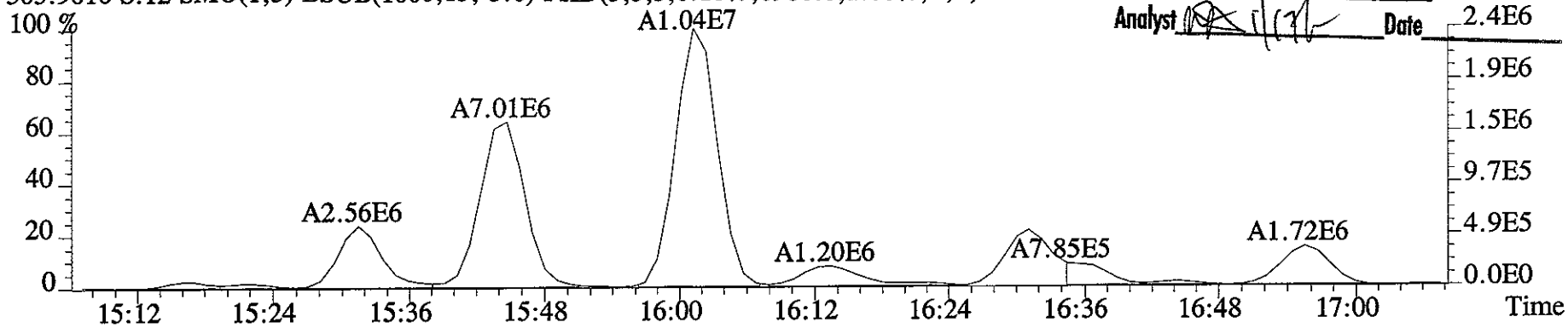


MANUAL EDIT CODES

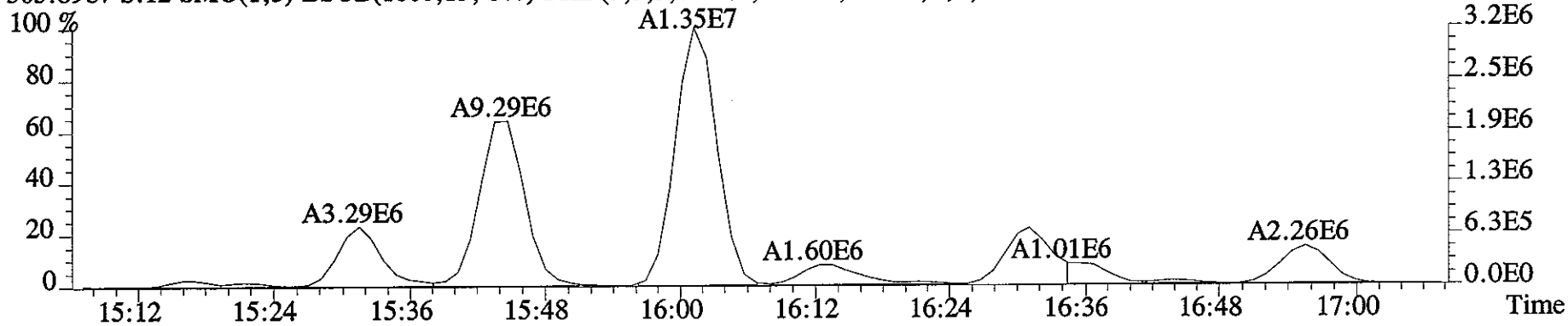
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other

Analyst _____ Date _____

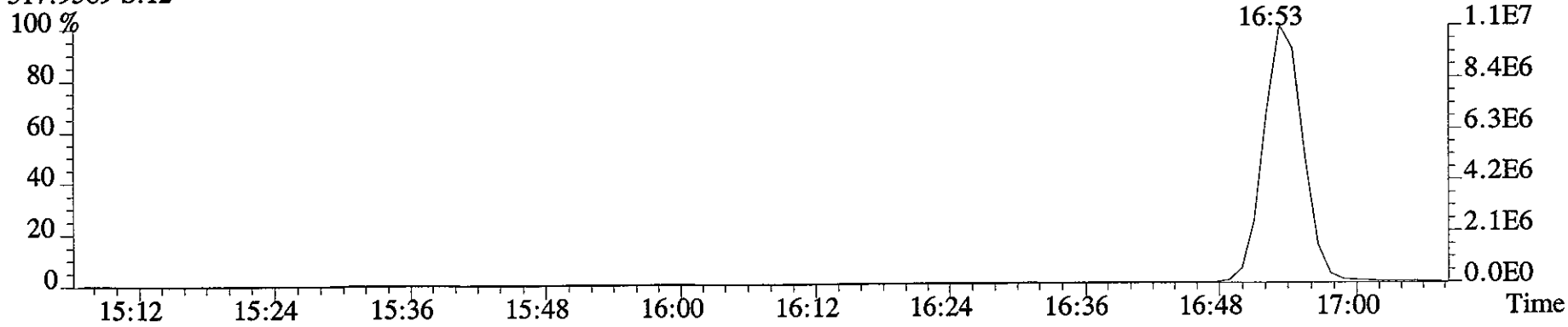
File:09JA068D5 #1-325 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN
303.9016 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6980.0,1.00%,F,T)



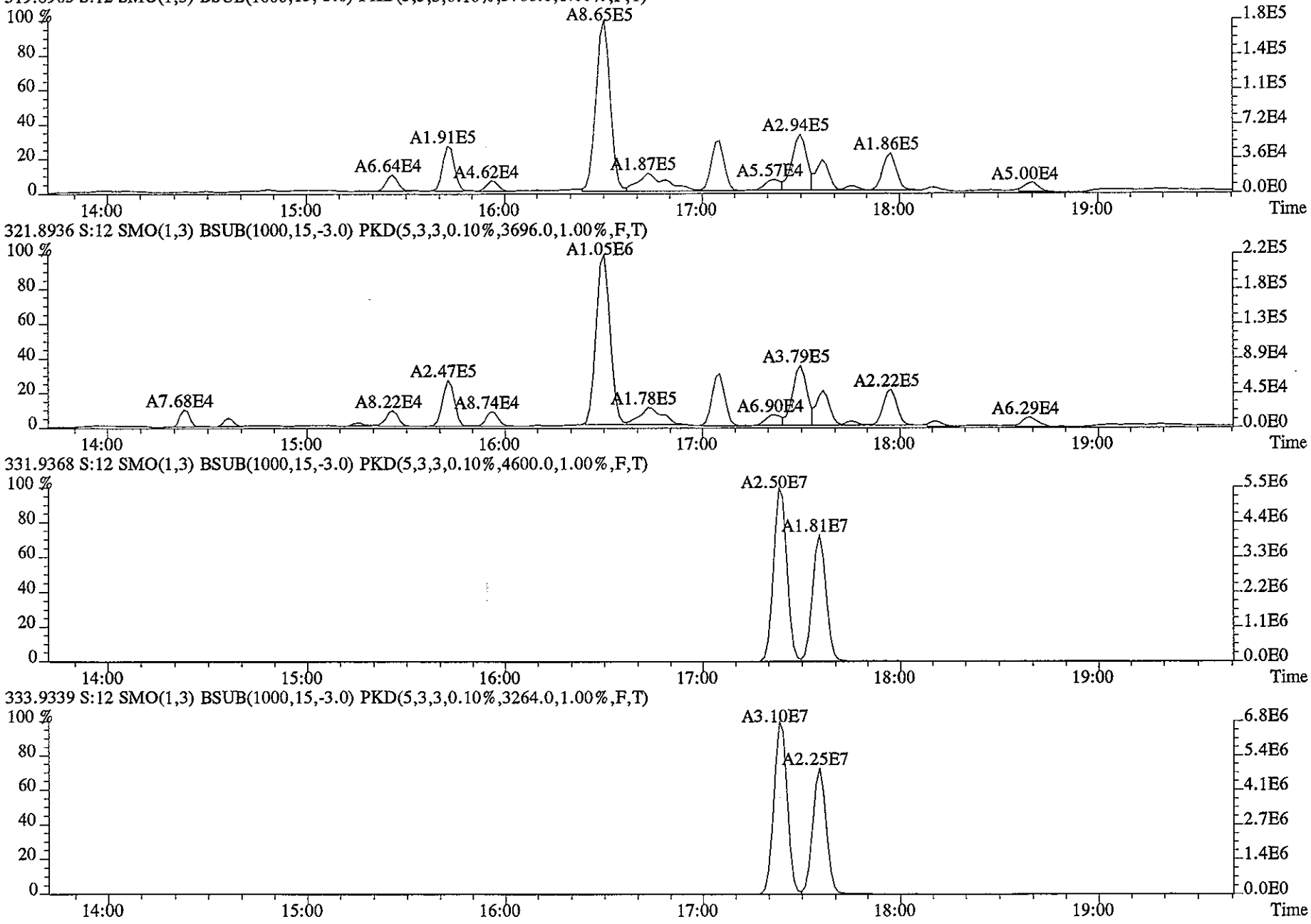
305.8987 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4900.0,1.00%,F,T)



317.9389 S:12

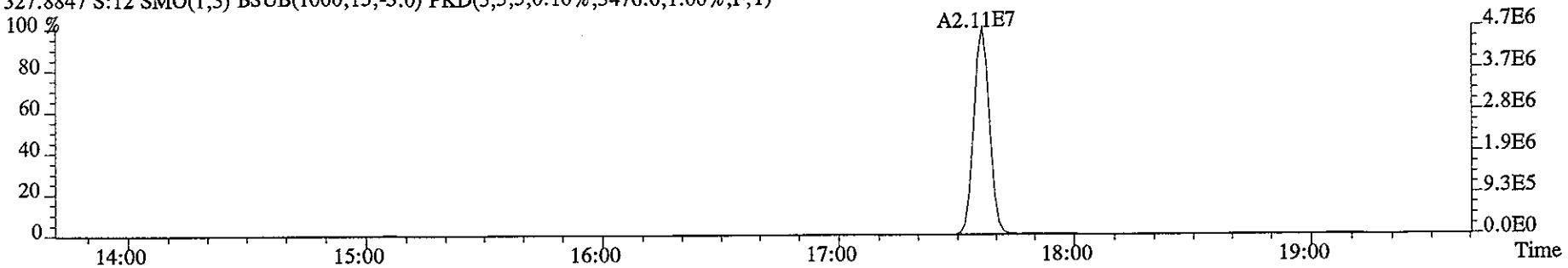


File:09JA068D5 #1-325 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

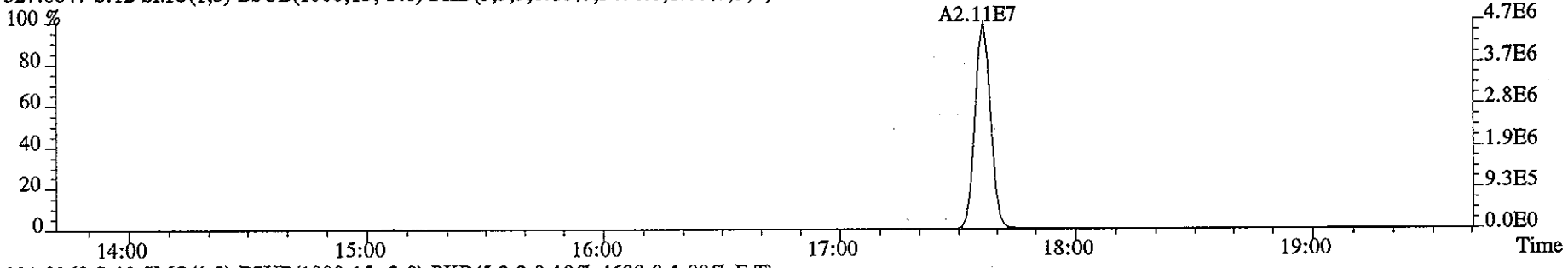


File:09JA068D5 #1-325 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

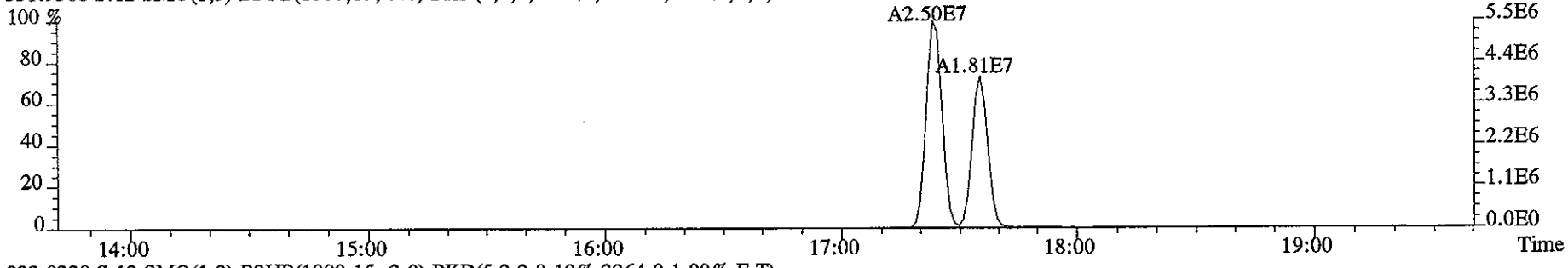
327.8847 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3476.0,1.00%,F,T)



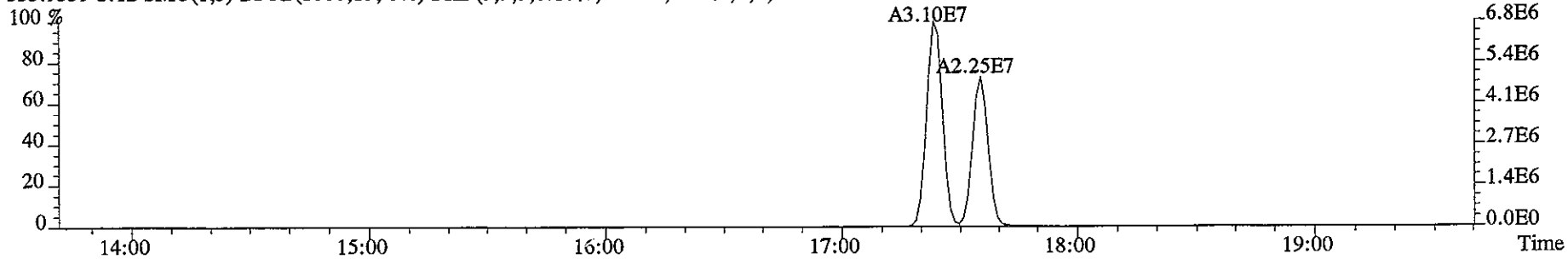
327.8847 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3476.0,1.00%,F,T)



331.9368 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4600.0,1.00%,F,T)

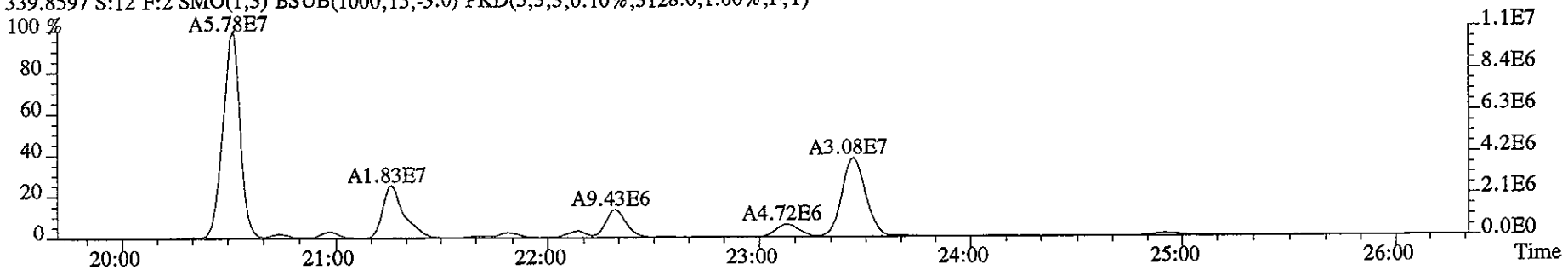


333.9339 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3264.0,1.00%,F,T)

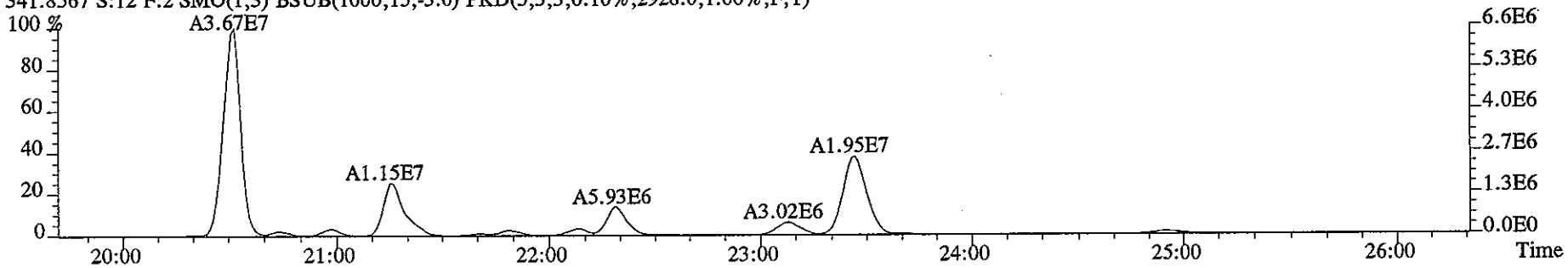


File:09JA068D5 #1-468 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

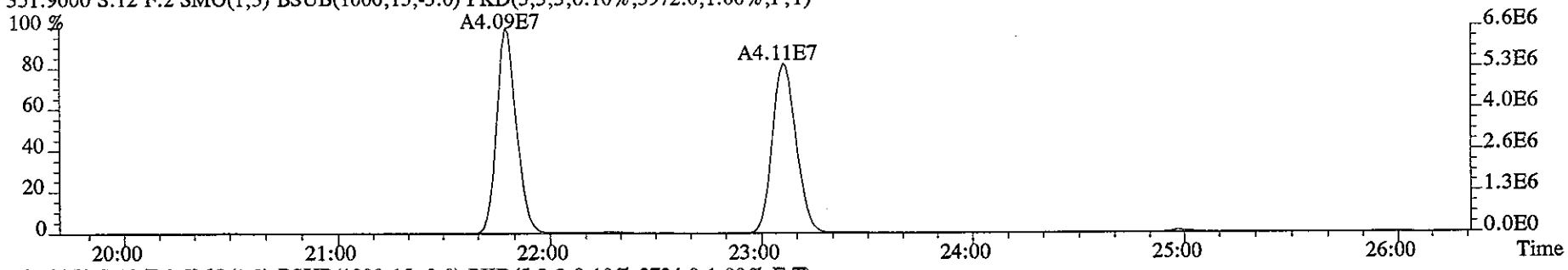
339.8597 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3128.0,1.00%,F,T)



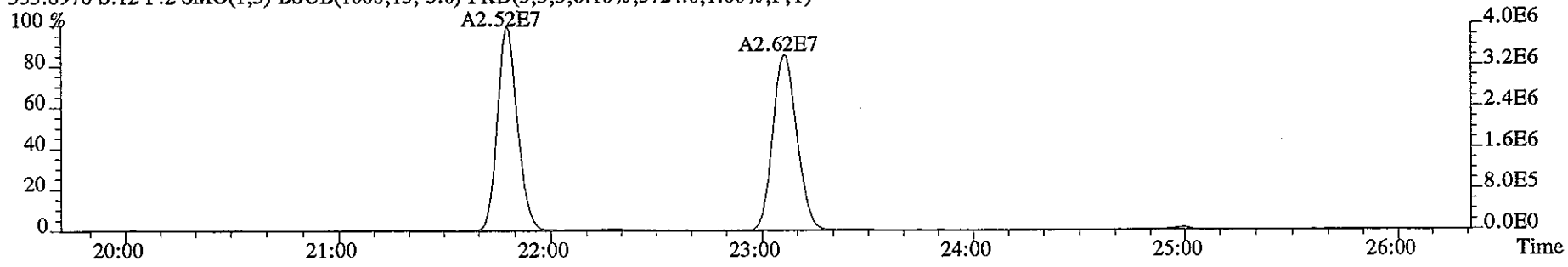
341.8567 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2928.0,1.00%,F,T)



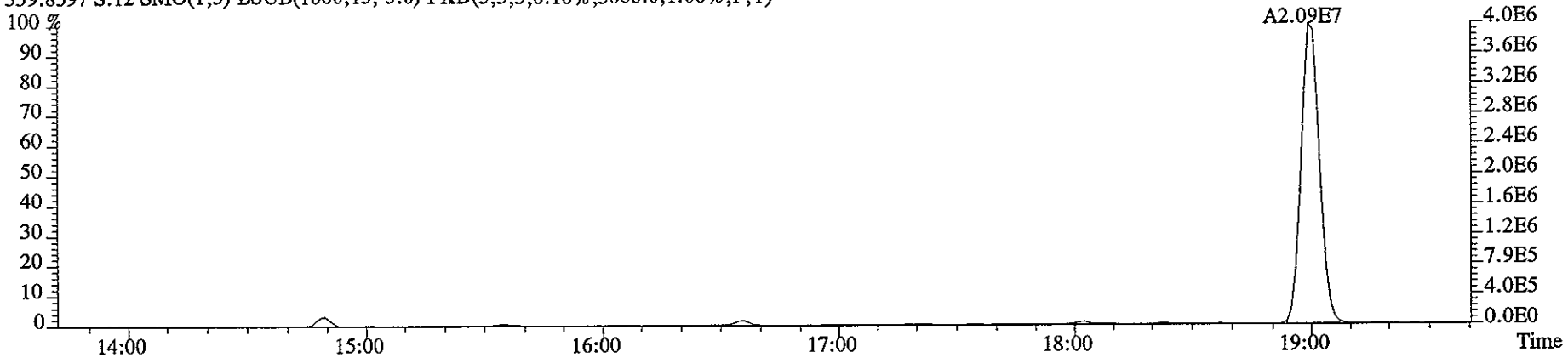
351.9000 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3972.0,1.00%,F,T)



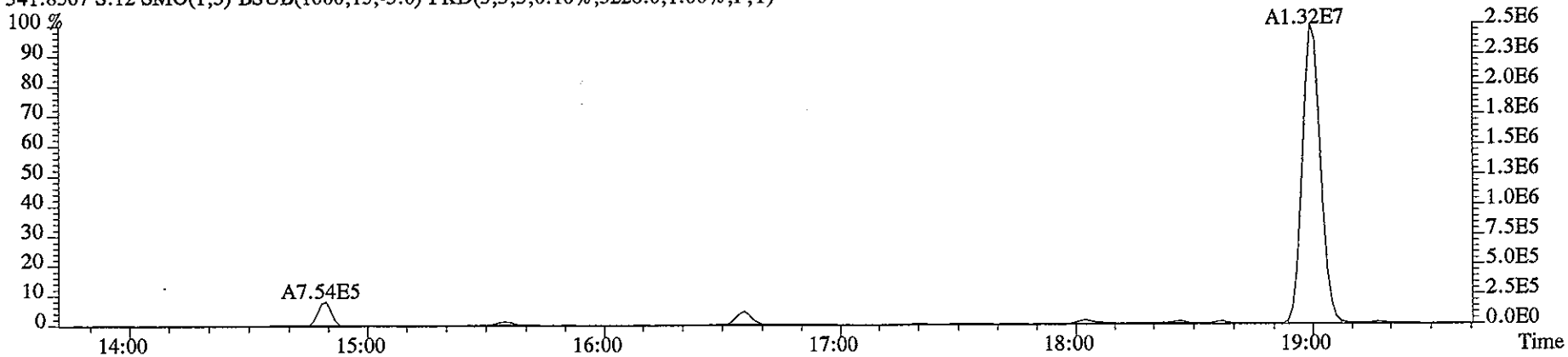
353.8970 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3724.0,1.00%,F,T)



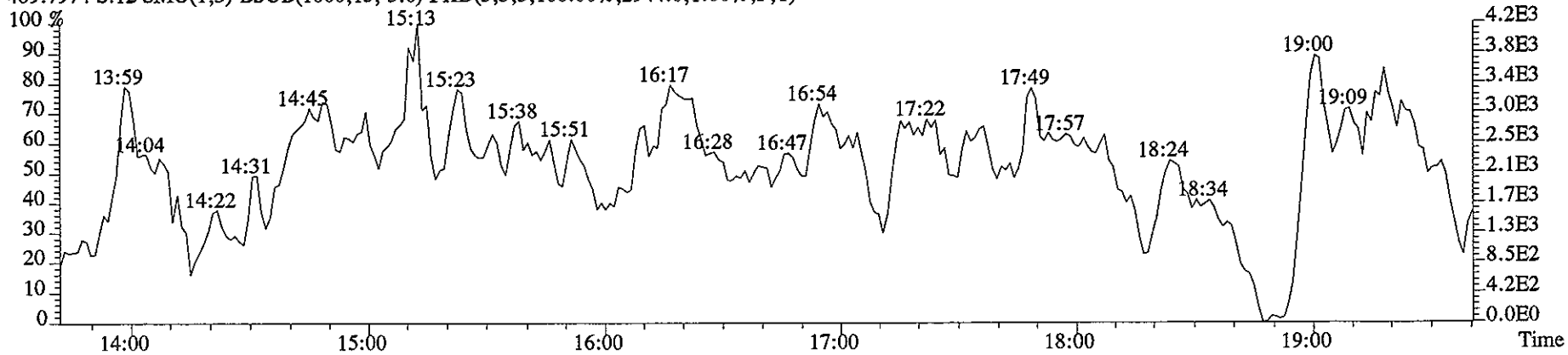
File:09JA068D5 #1-325 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN
339.8597 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3088.0,1.00%,F,T)



341.8567 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3228.0,1.00%,F,T)

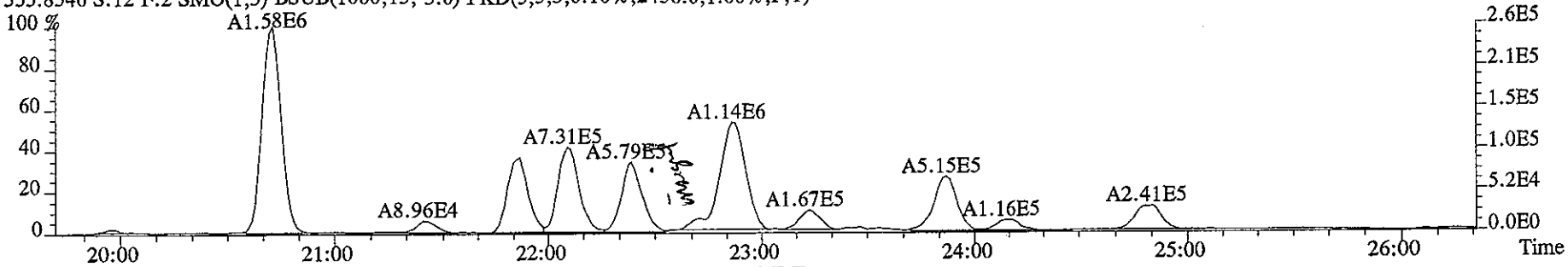


409.7974 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2944.0,1.00%,F,T)

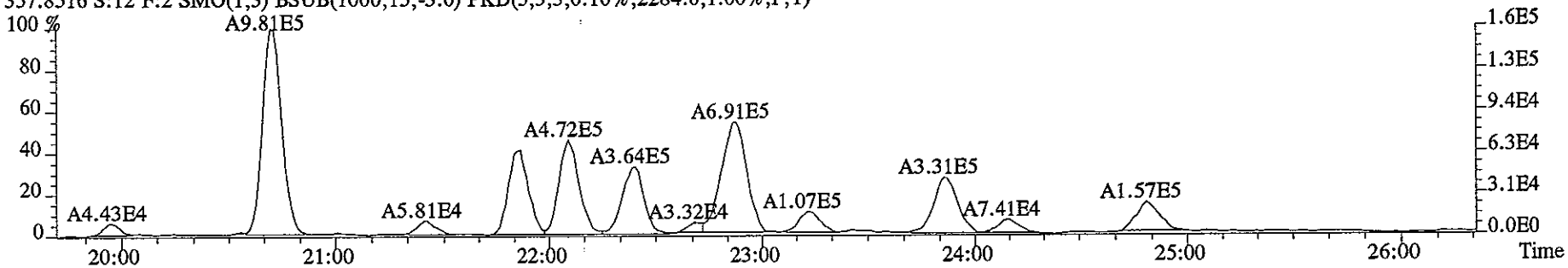


File:09JA068D5 #1-468 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

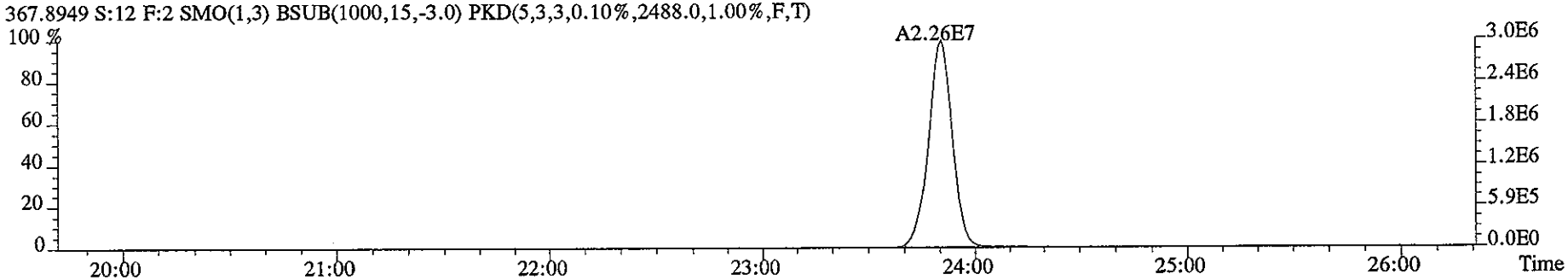
355.8546 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2456.0,1.00%,F,T)



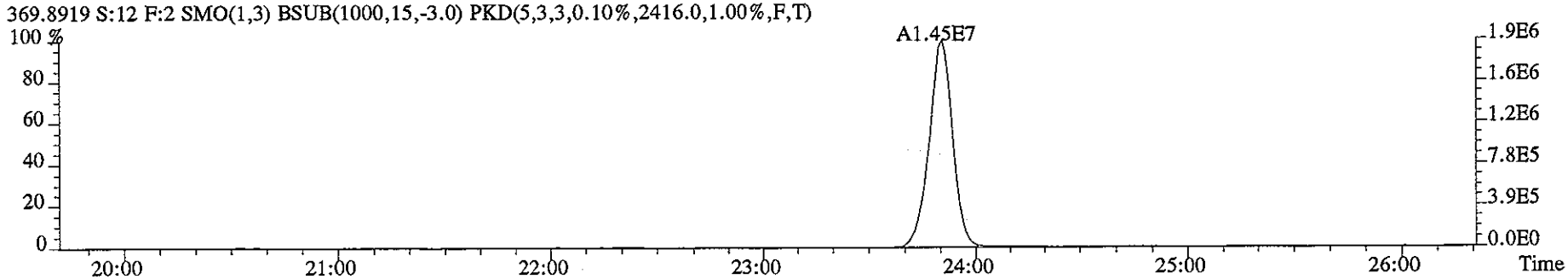
357.8516 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2284.0,1.00%,F,T)



367.8949 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2488.0,1.00%,F,T)

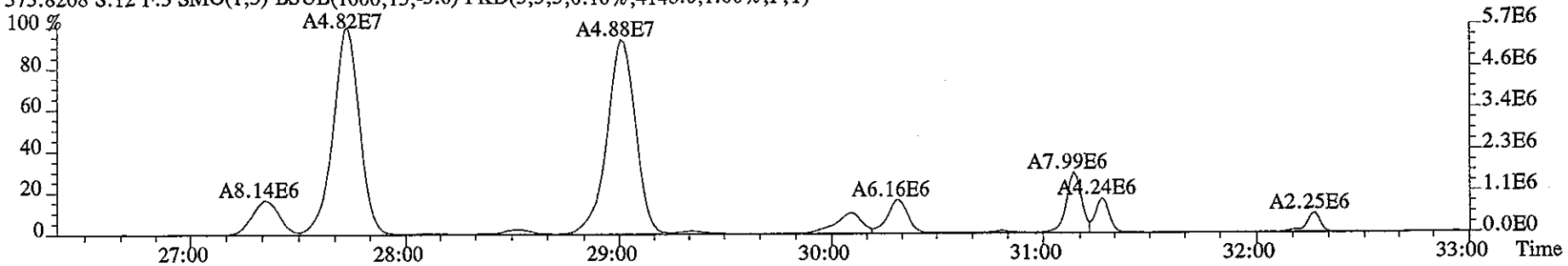


369.8919 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2416.0,1.00%,F,T)

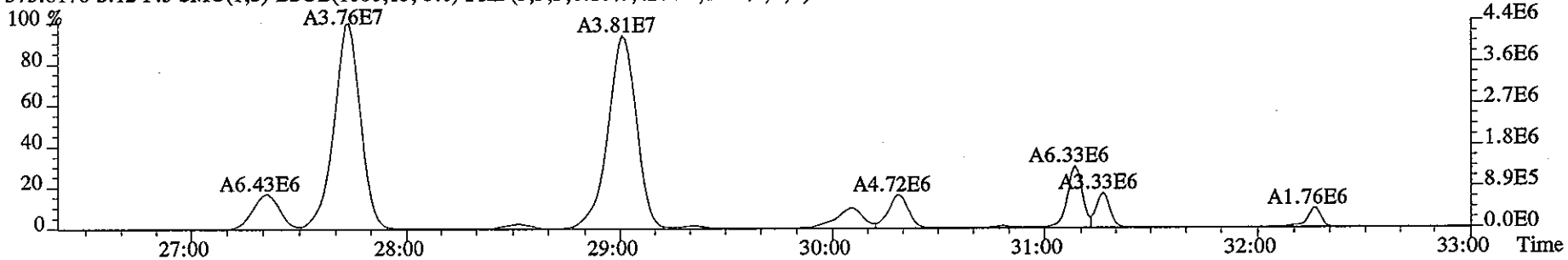


File:09JA068D5 #1-446 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

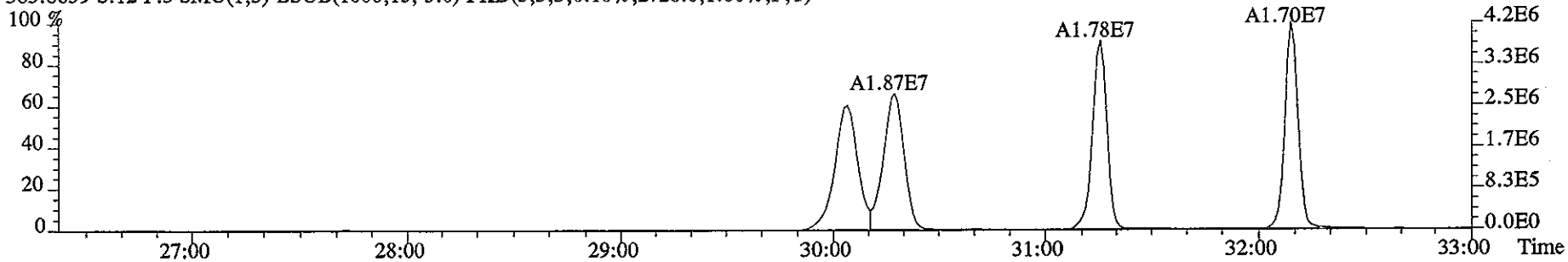
373.8208 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4148.0,1.00%,F,T)



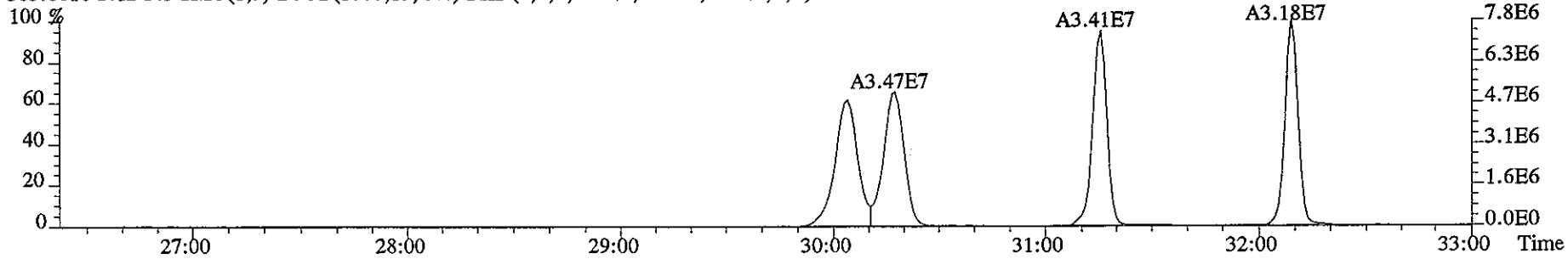
375.8178 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4204.0,1.00%,F,T)



383.8639 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2728.0,1.00%,F,T)



385.8610 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2312.0,1.00%,F,T)

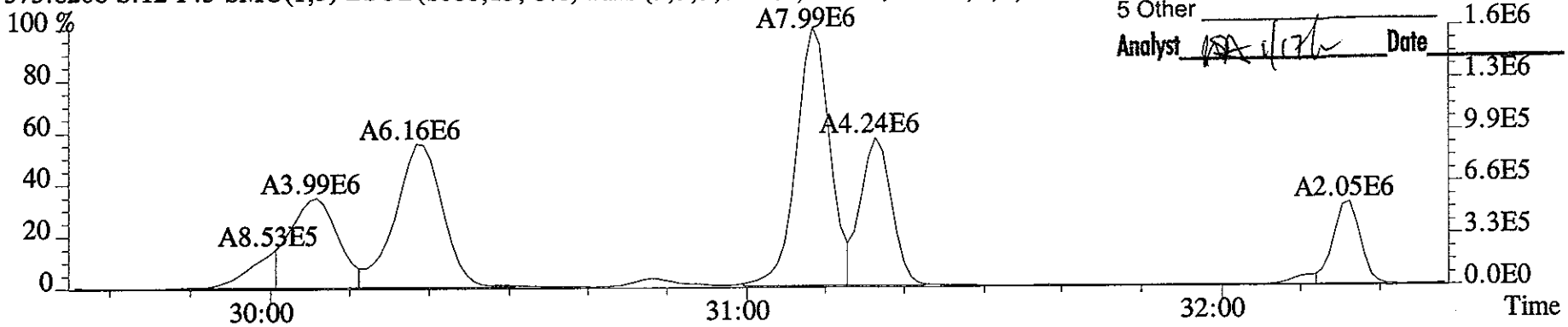


MANUAL EDIT CODES

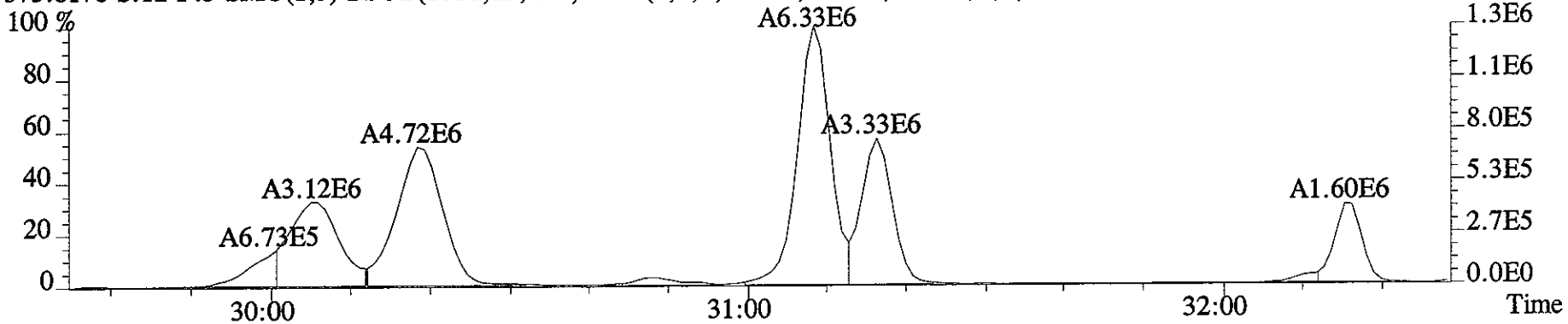
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

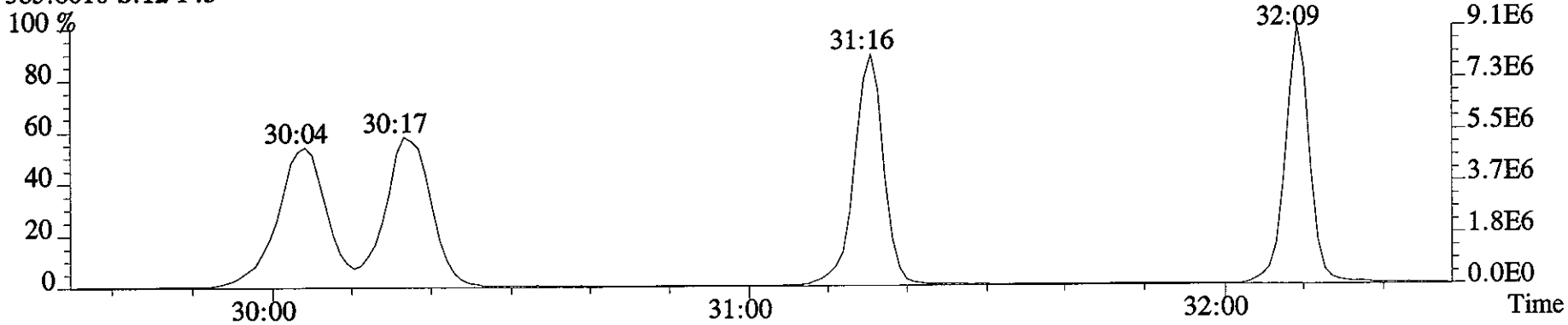
File:09JA068D5 #1-446 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN
373.8208 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4148.0,1.00%,F,T)



375.8178 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4204.0,1.00%,F,T)

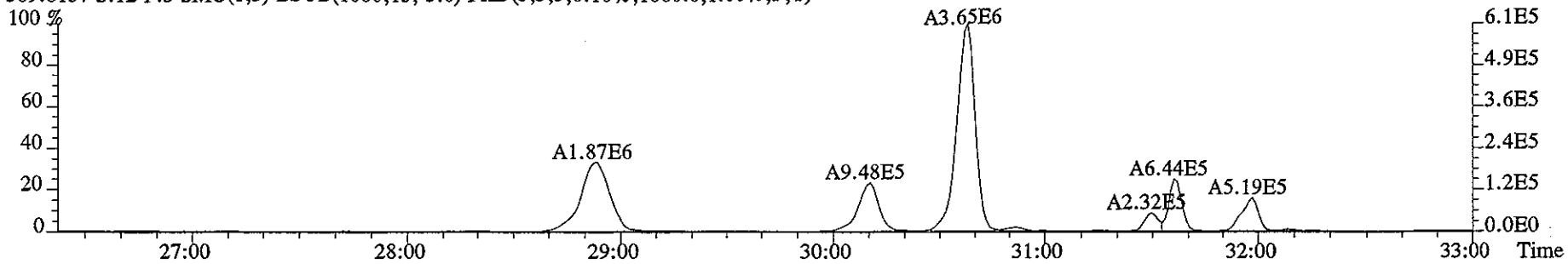


385.8610 S:12 F:3

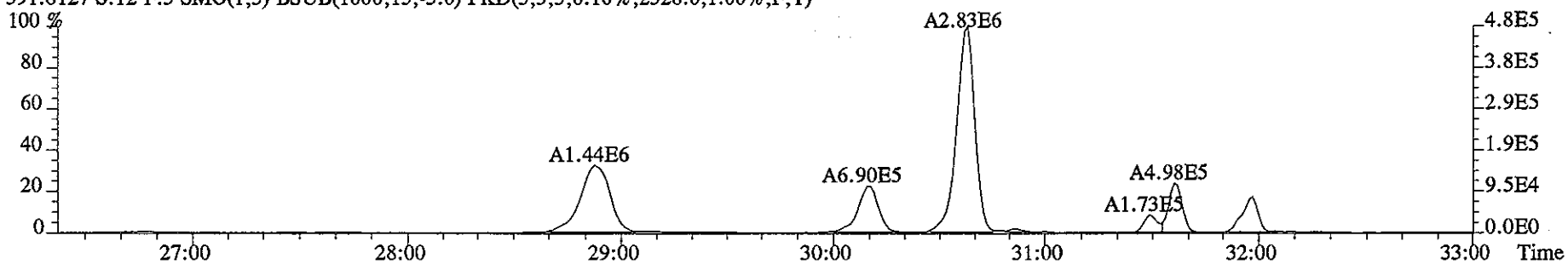


File:09JA068D5 #1-446 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

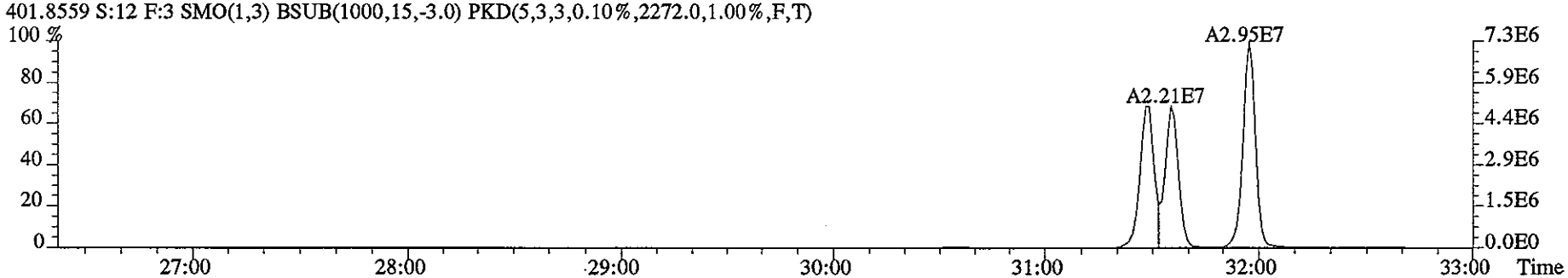
389.8157 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1860.0,1.00%,F,T)



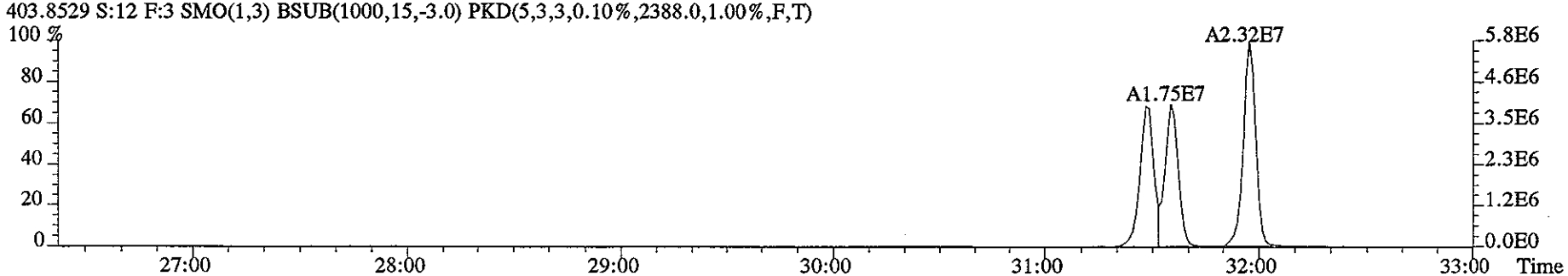
391.8127 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2328.0,1.00%,F,T)



401.8559 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2272.0,1.00%,F,T)



403.8529 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2388.0,1.00%,F,T)

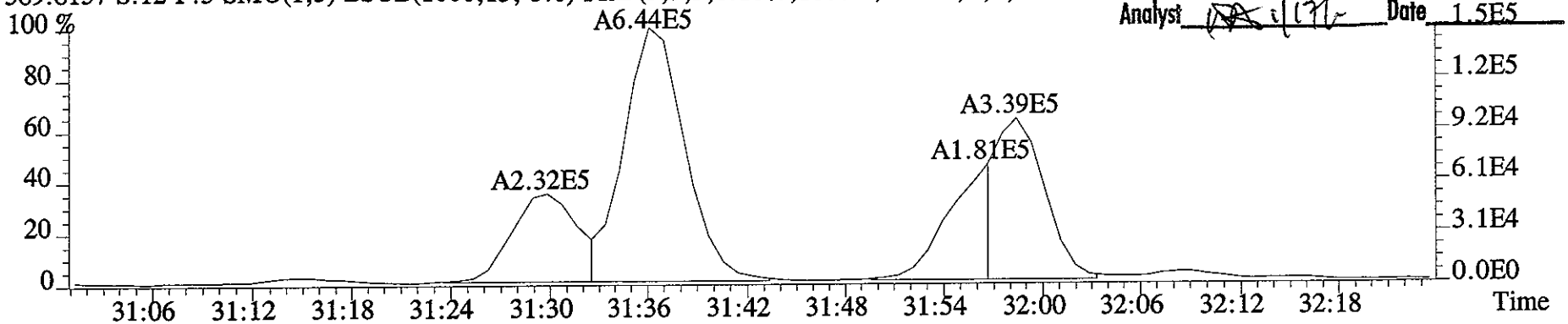


MANUAL EDIT CODES

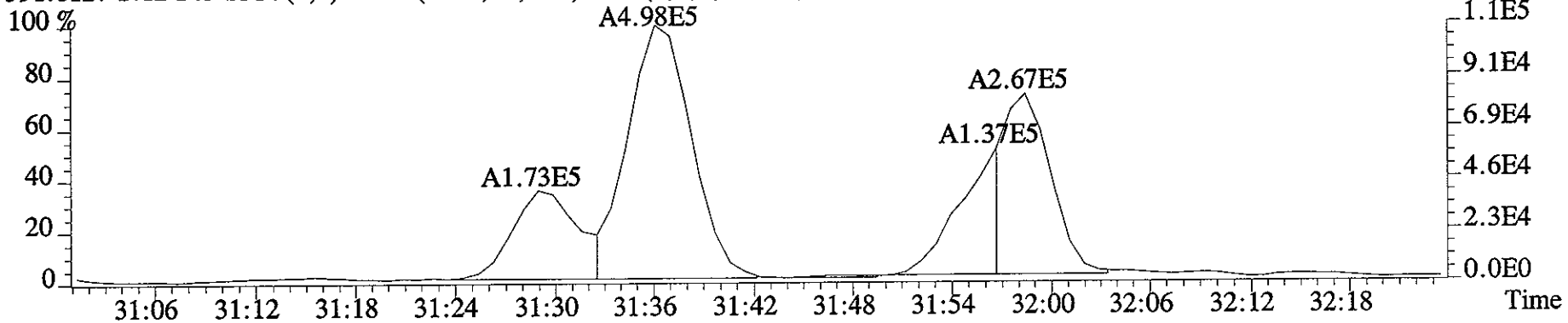
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

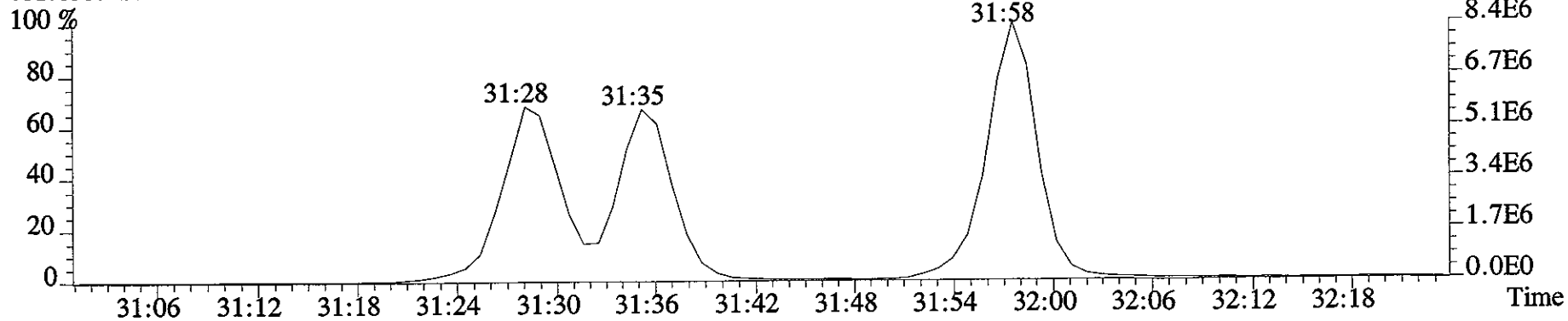
File:09JA068D5 #1-446 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN
389.8157 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1860.0,1.00%,F,T)



391.8127 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2328.0,1.00%,F,T)

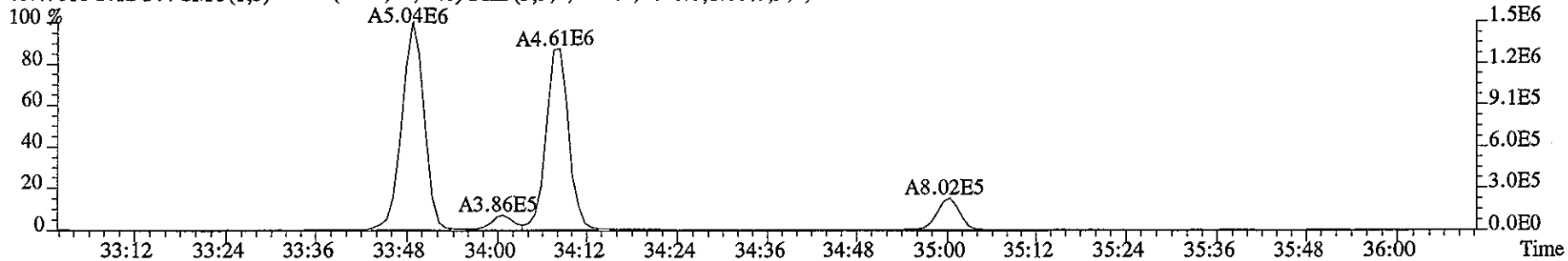


401.8559 S:12 F:3

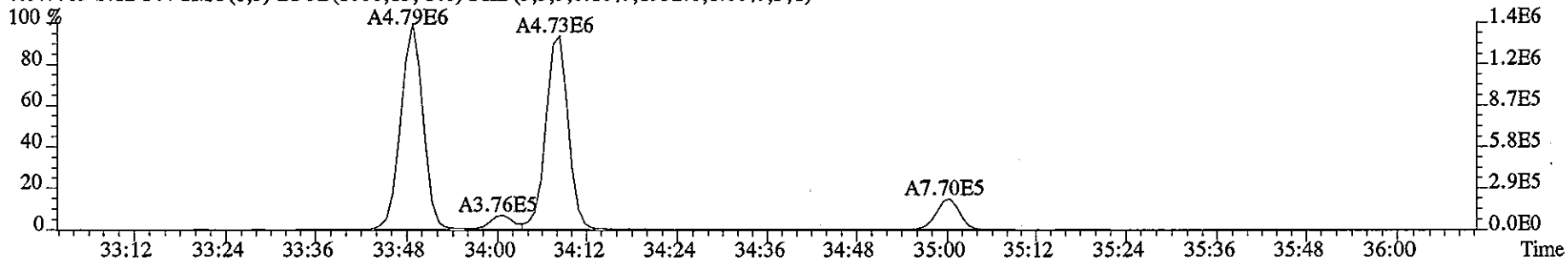


File:09JA068D5 #1-222 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

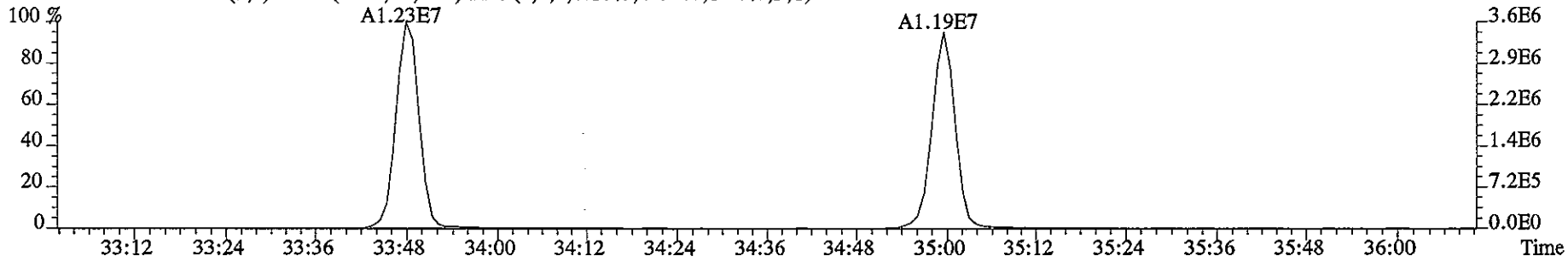
407.7818 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3136.0,1.00%,F,T)



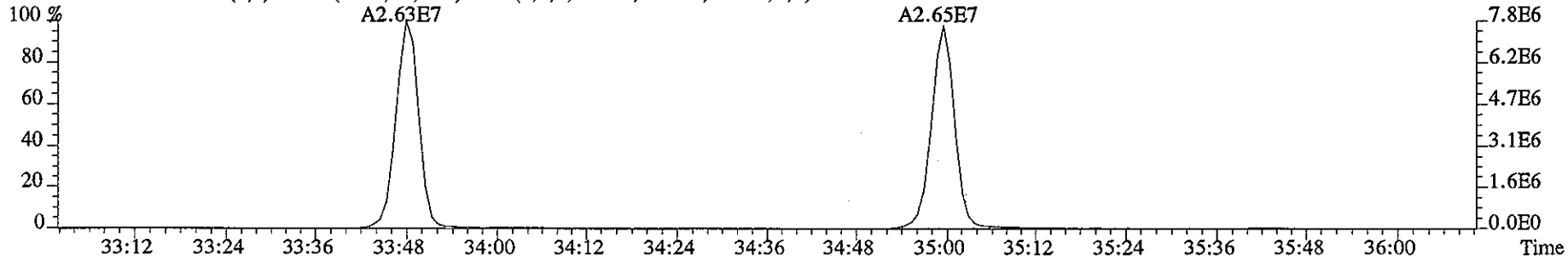
409.7789 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1932.0,1.00%,F,T)



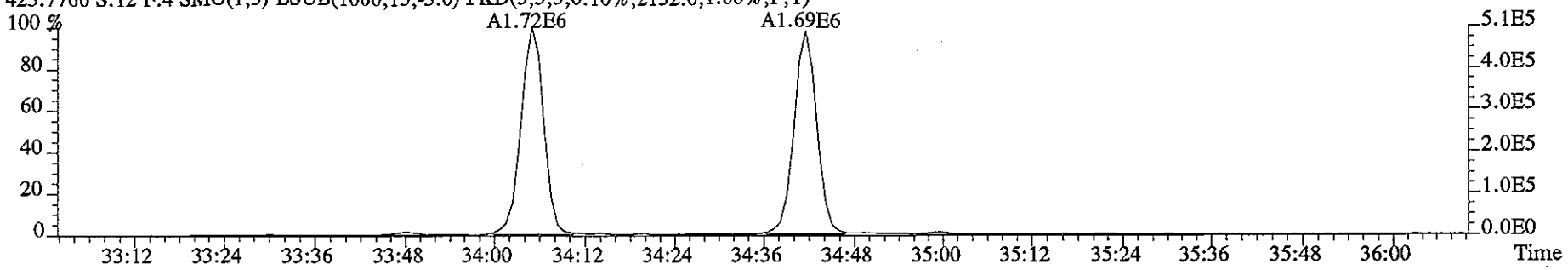
417.8253 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4696.0,1.00%,F,T)

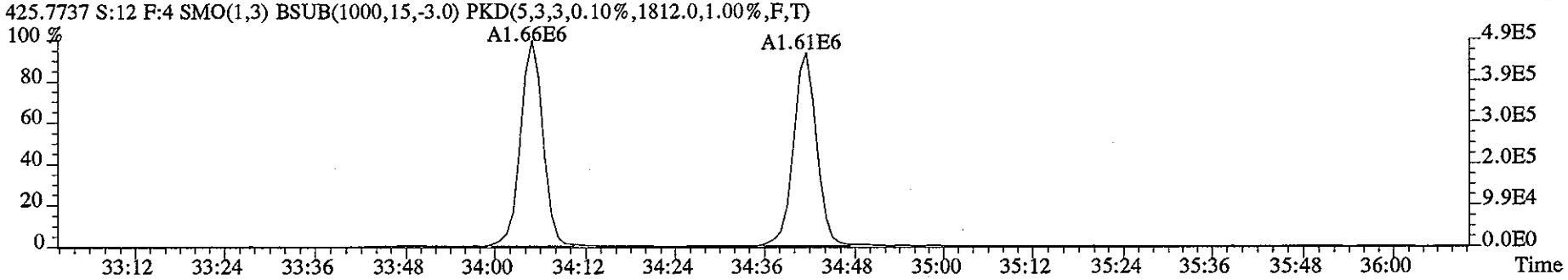


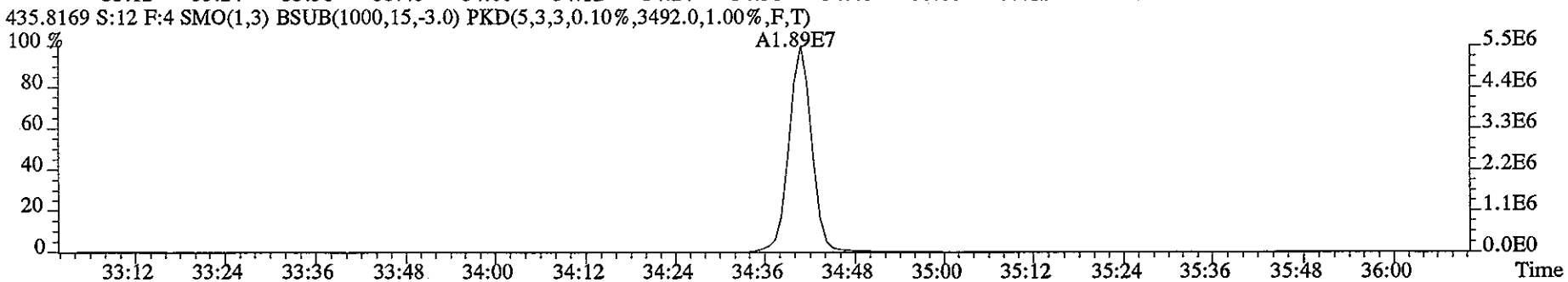
419.8220 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6260.0,1.00%,F,T)

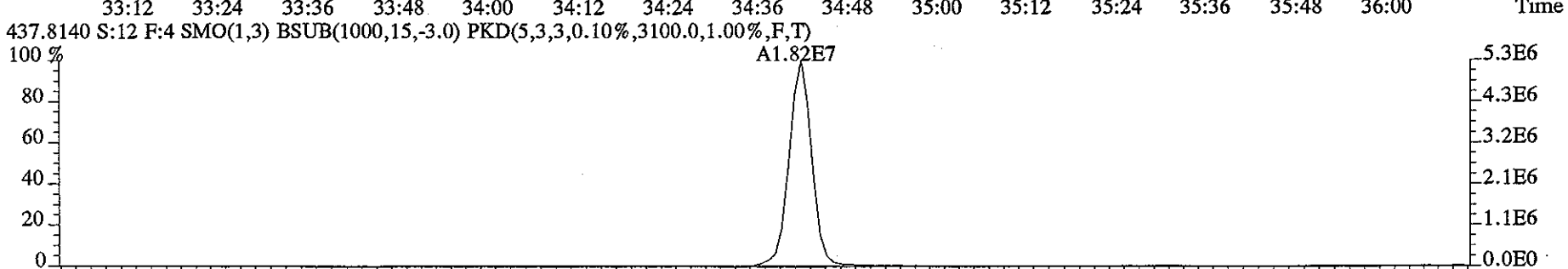


File:09JA068D5 #1-222 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

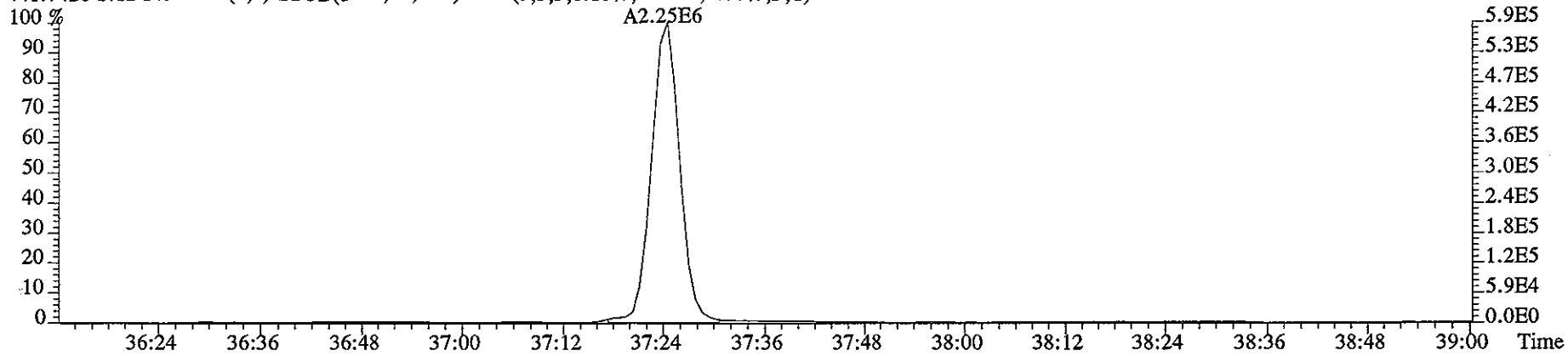




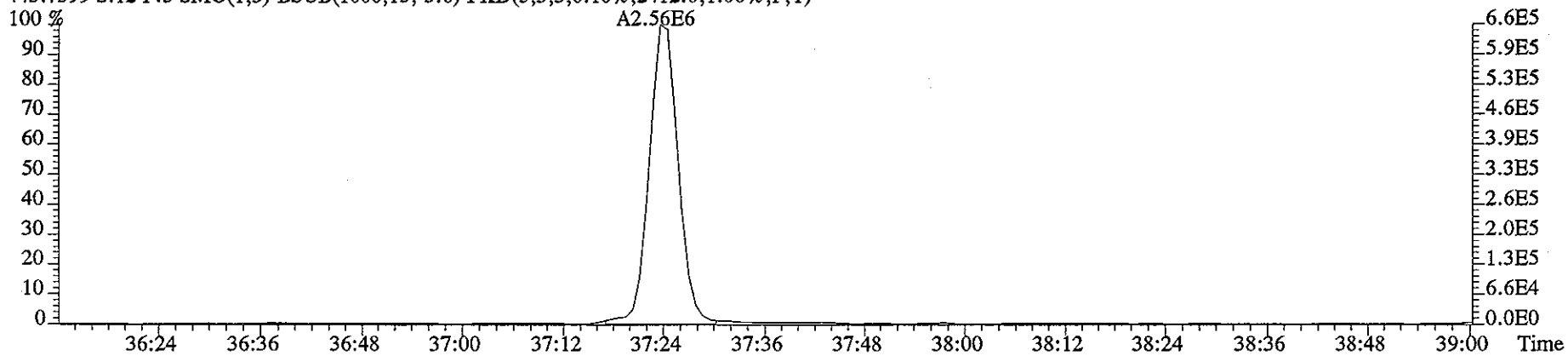




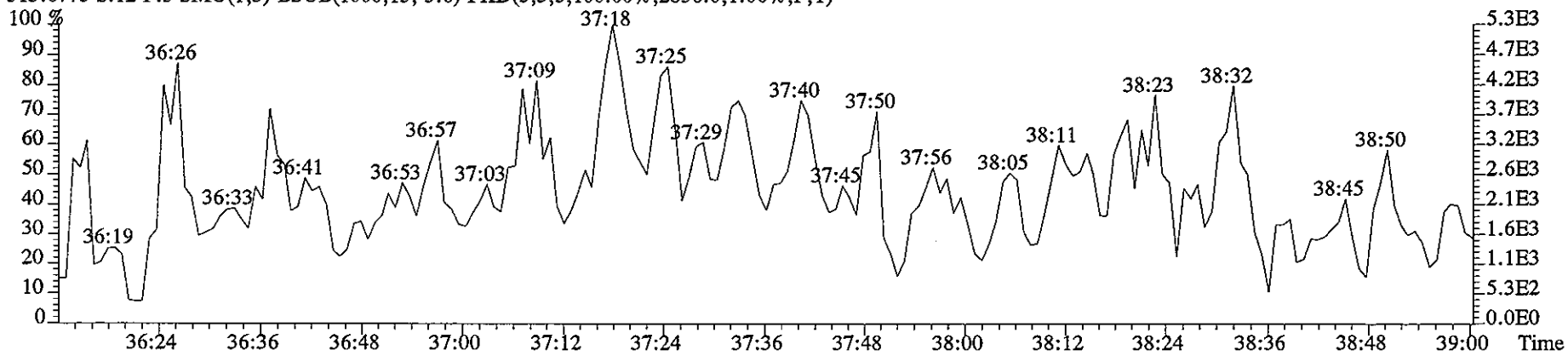
File:09JA068D5 #1-203 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN
441.7428 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2076.0,1.00%,F,T)



443.7399 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2412.0,1.00%,F,T)

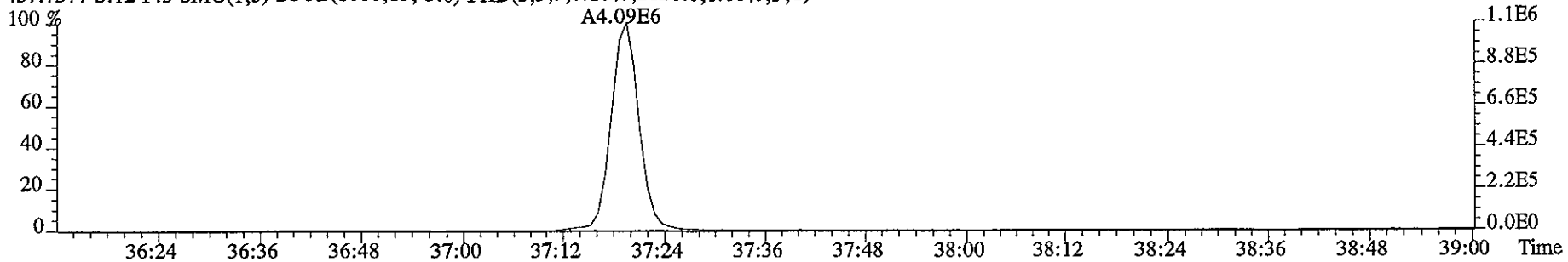


513.6775 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2856.0,1.00%,F,T)

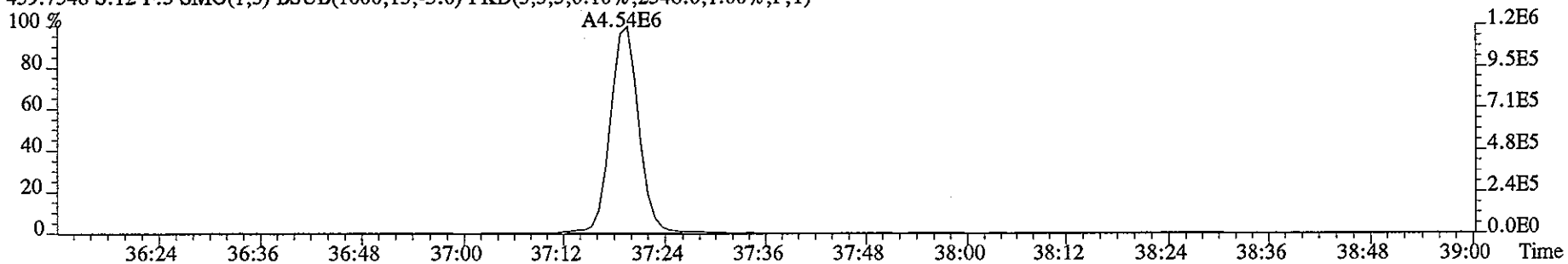


File:09JA068D5 #1-203 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

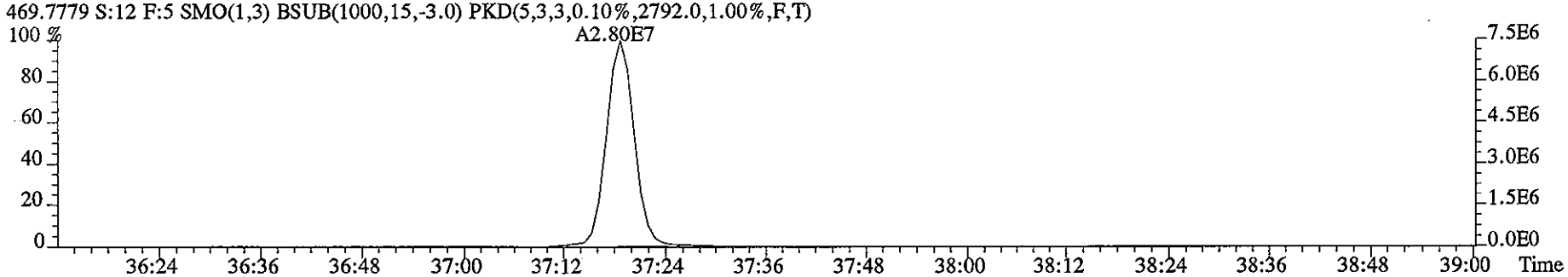
457.7377 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2628.0,1.00%,F,T)



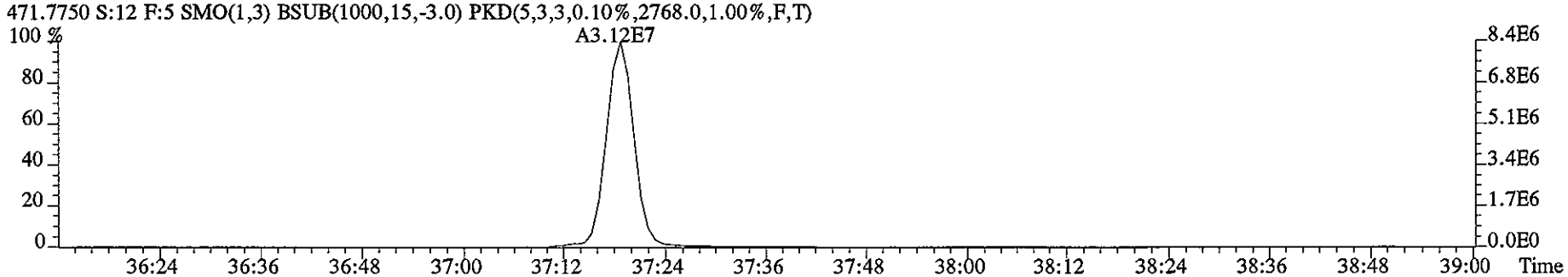
459.7348 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2348.0,1.00%,F,T)



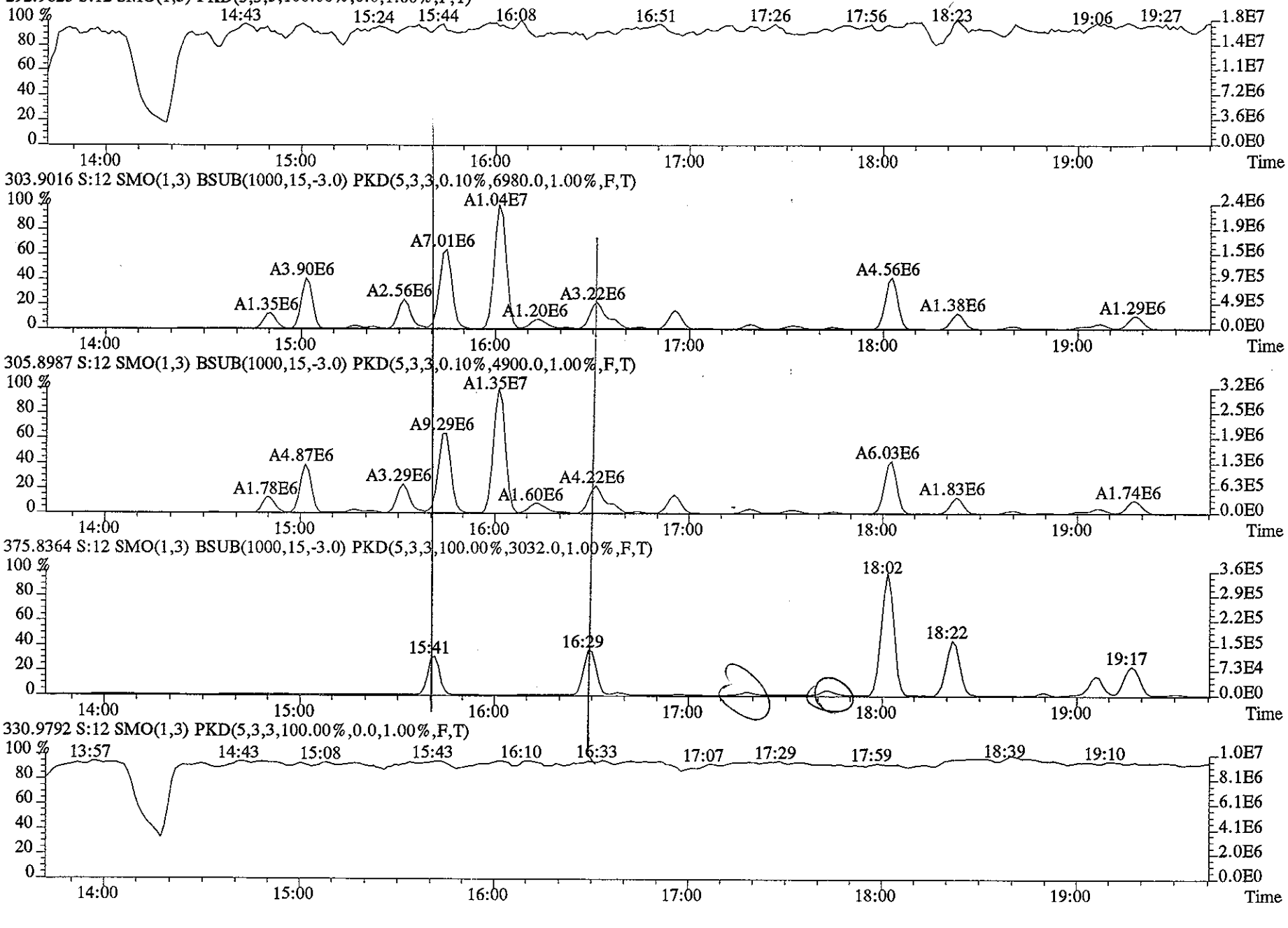
469.7779 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2792.0,1.00%,F,T)



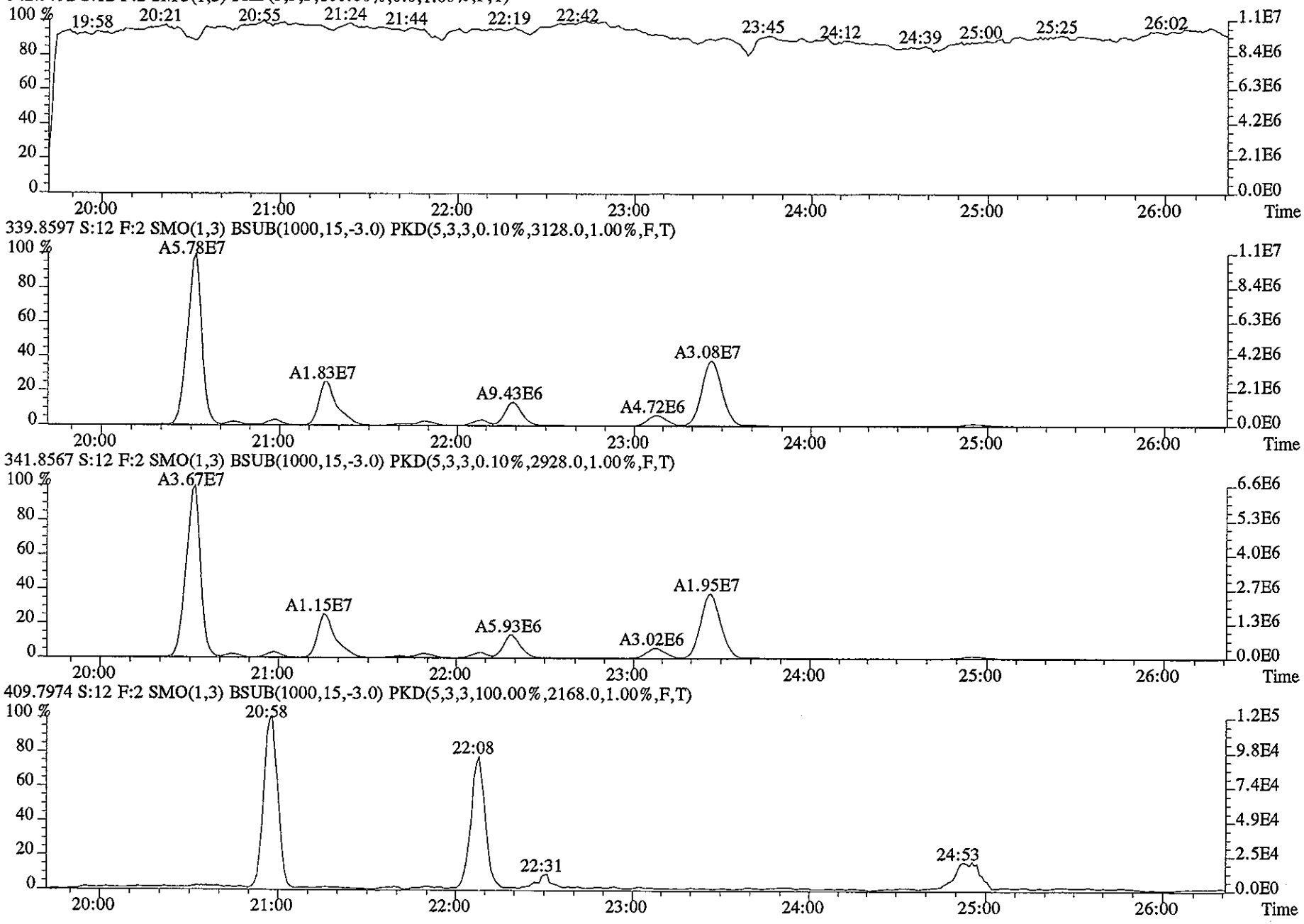
471.7750 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2768.0,1.00%,F,T)



File:09JA068D5 #1-325 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

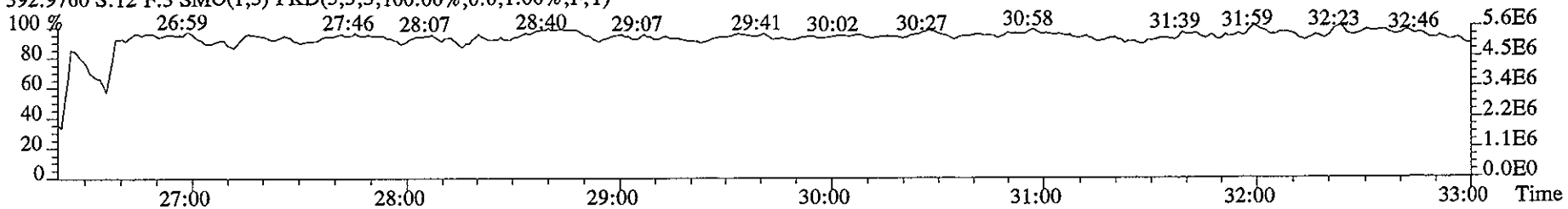


File:09JA068D5 #1-468 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

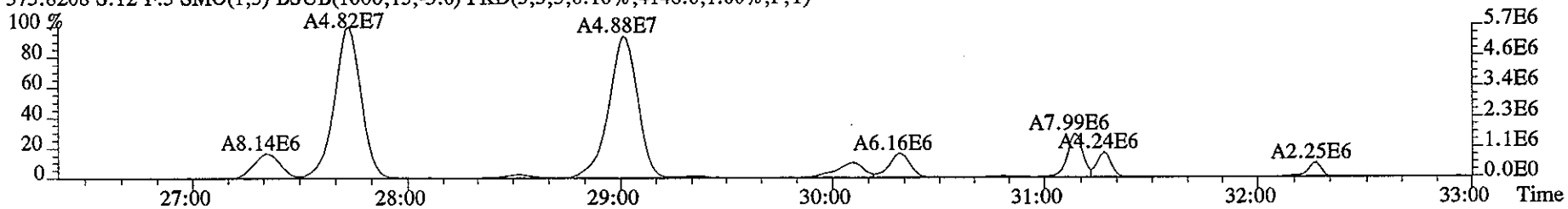


File:09JA068D5 #1-446 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

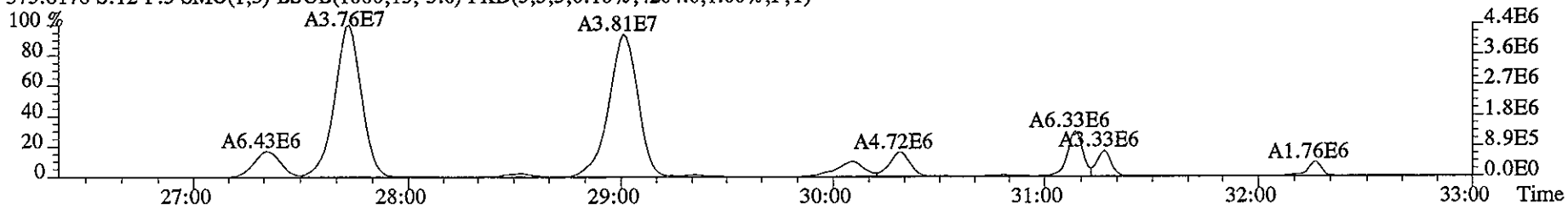
392.9760 S:12 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



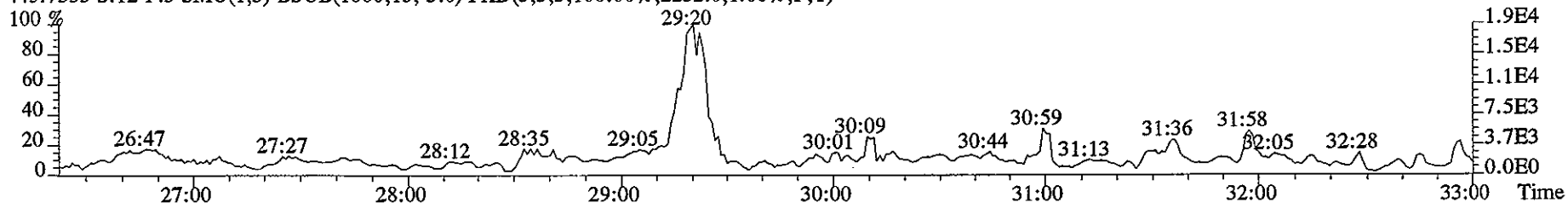
373.8208 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4148.0,1.00%,F,T)



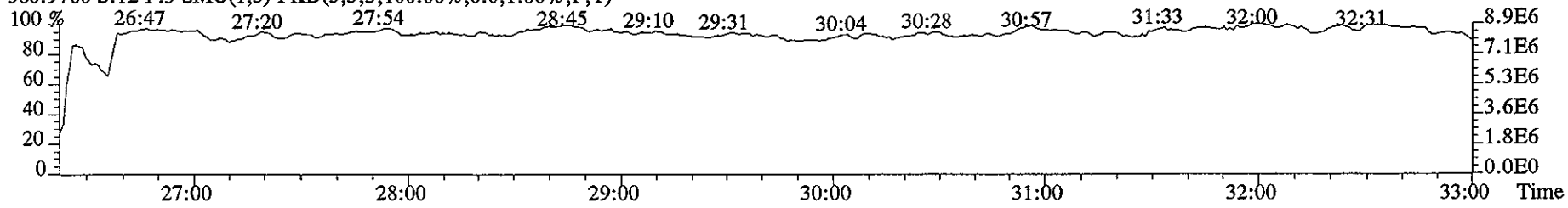
375.8178 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4204.0,1.00%,F,T)



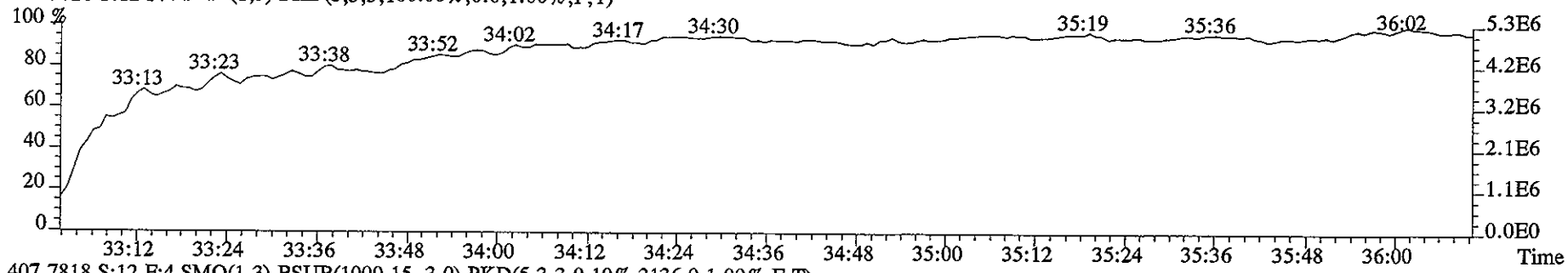
445.7555 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2252.0,1.00%,F,T)

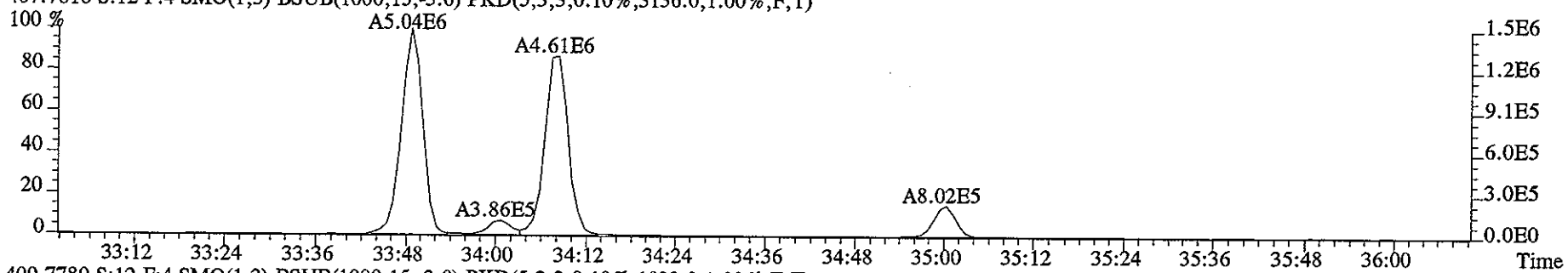


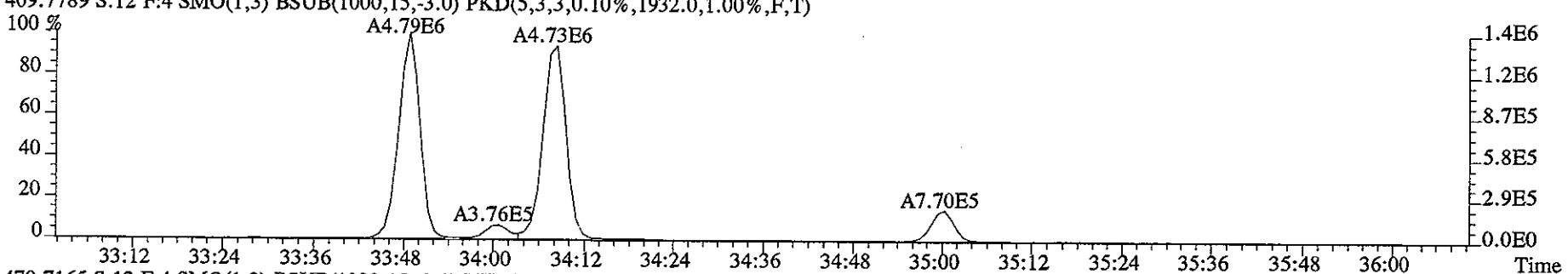
380.9760 S:12 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

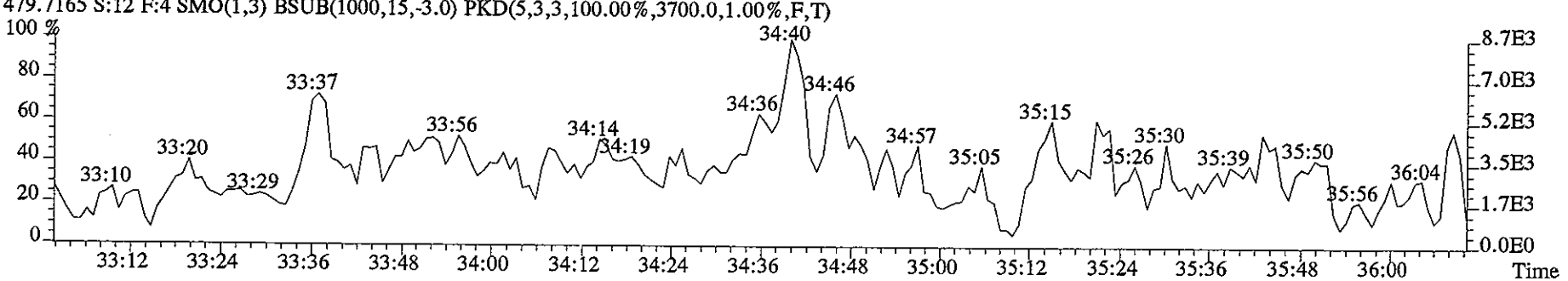


File:09JA068D5 #1-222 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN

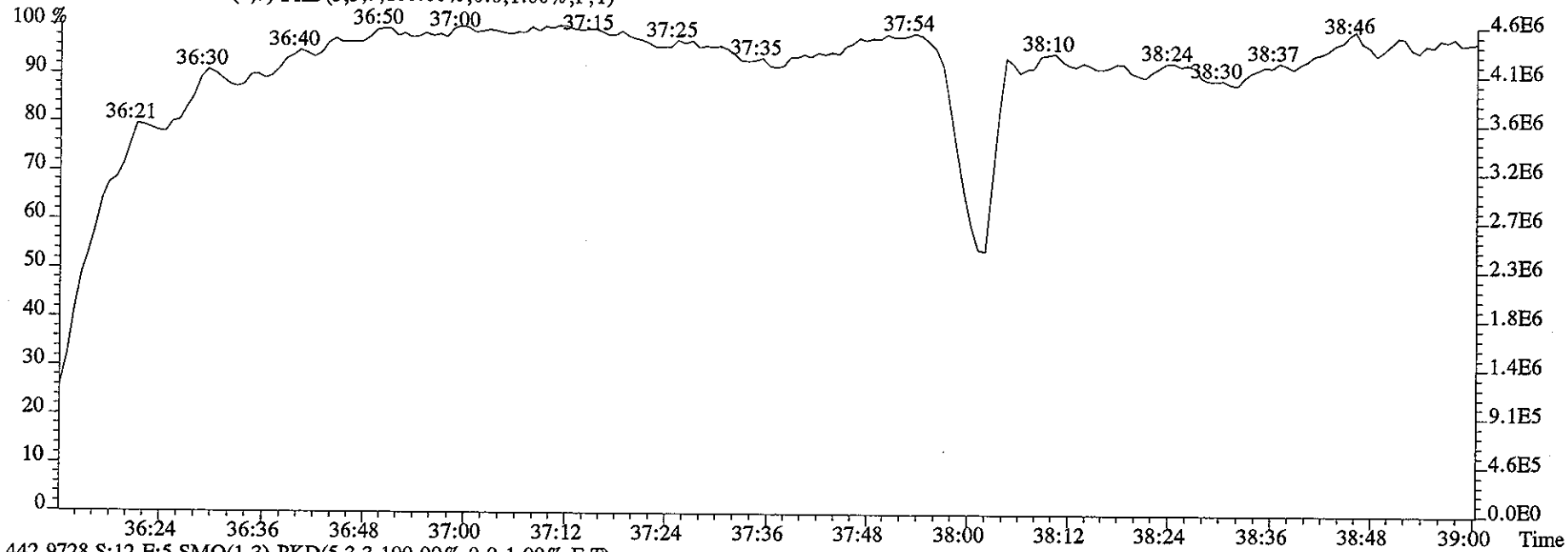




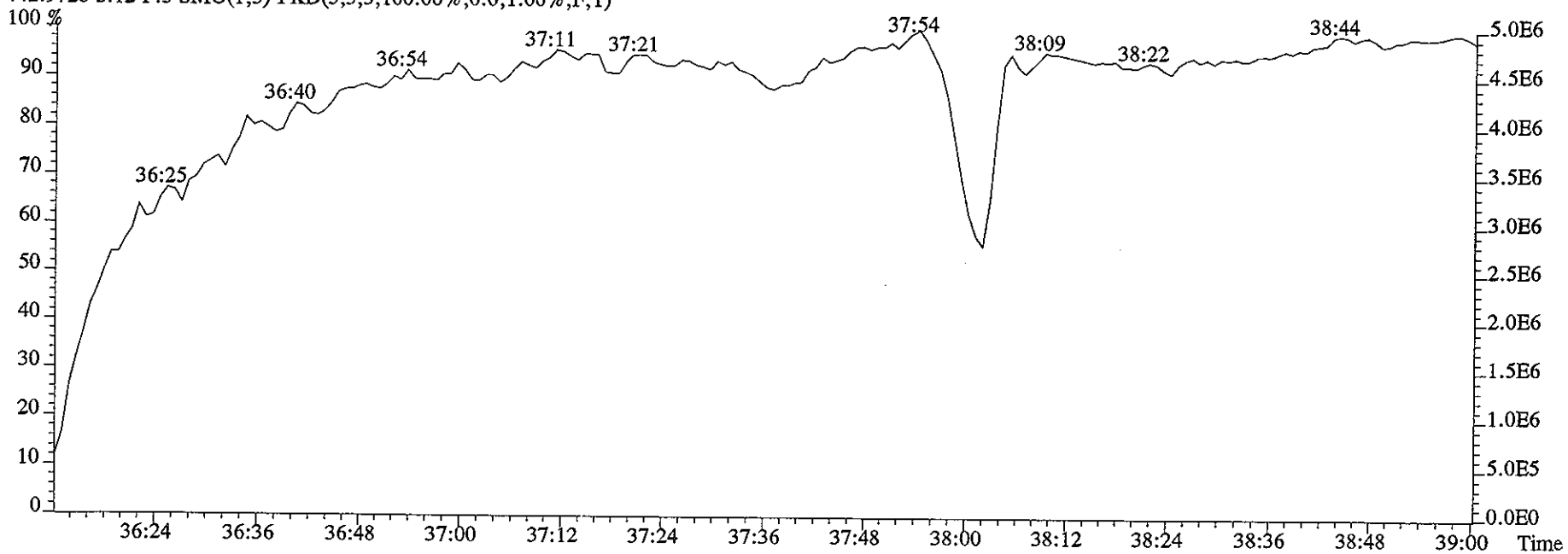




File:09JA068D5 #1-203 Acq: 9-JAN-2006 23:07:26 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 Text:HT1WF-1-AC :G5L300272-3 Exp:DIOXIN
454.9728 S:12 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:12 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

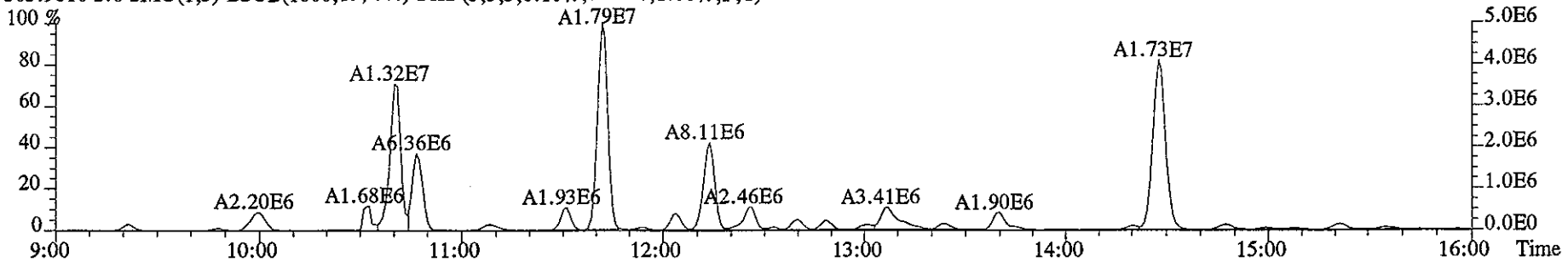


Run text: HT1WF-1-AC Sample text: HT1WF-1-AC :G5L300272-3
Run #9 Filename: 10JA067D2 S: 6 I: 1 Results: 10JA067D2DB225
Acquired: 10-JAN-06 12:47:21 Processed: 11-JAN-06 09:08:05
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000╖g

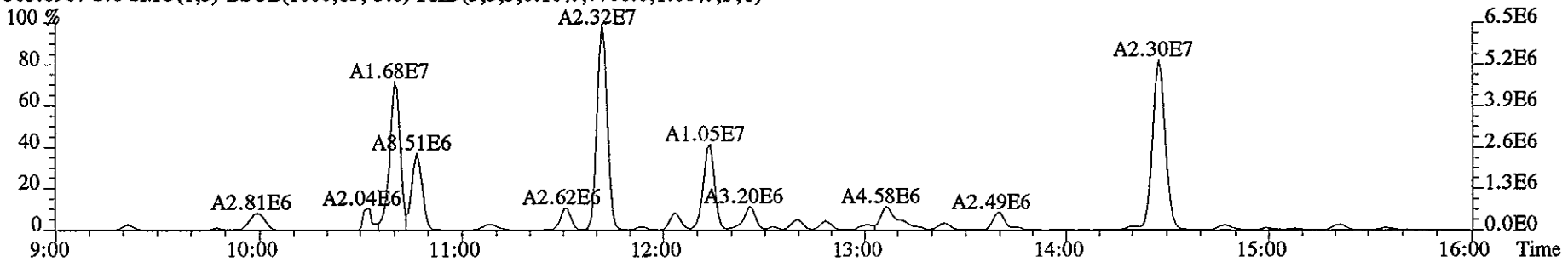
Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	94264300	0.77	y	11:44	-	4.83		-	-	n
13C-2,3,7,8-TCDF	134731200	0.82	y	12:38	1.50	191.19		0.34	95.6	n
2,3,7,8-TCDF	2360480	0.75	y	12:39	0.92	3.81	Cen	0.28	-	n
13C-2,3,7,8-TCDD	66994900	0.83	y	11:33	0.81	176.00		0.32	88.0	n
2,3,7,8-TCDD	543345	0.79	y	11:34	1.23	1.32		0.21	-	n
37Cl-2,3,7,8-TCDD	72862000	1.00	y	11:34	1.96	78.74		0.07	98.4	n

1/17/06

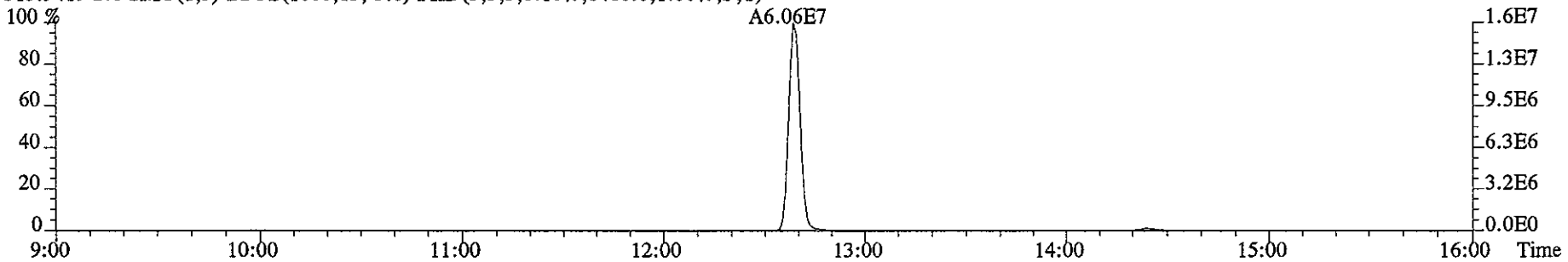
File:10JA067D2 #1-1169 Acq:10-JAN-2006 12:47:21 GC EI+ Voltage SIR 70S
Sample#6 Text:HT1WF-1-AC :G5L300272-3 Exp:DB225
303.9016 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7220.0,1.00%,F,T)



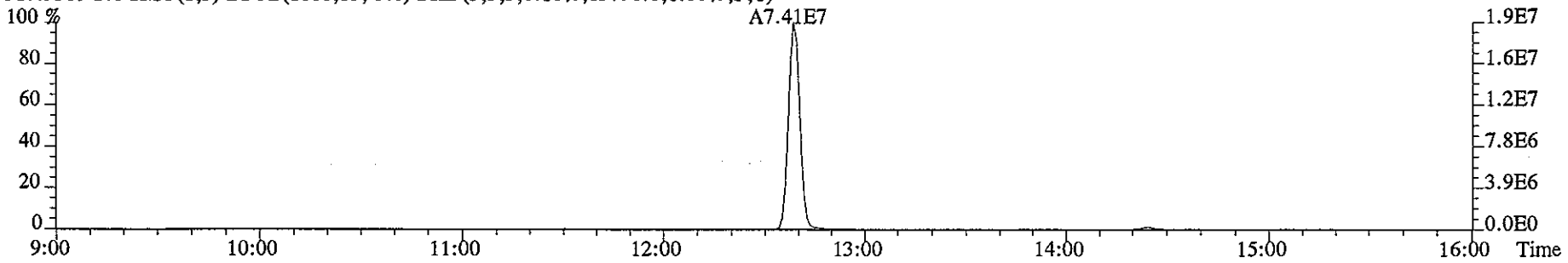
305.8987 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7708.0,1.00%,F,T)



315.9419 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8460.0,1.00%,F,T)

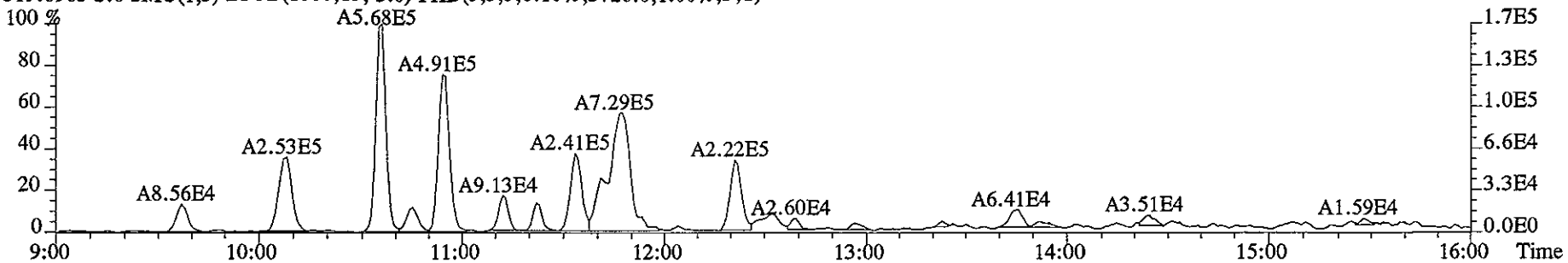


317.9389 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13796.0,1.00%,F,T)

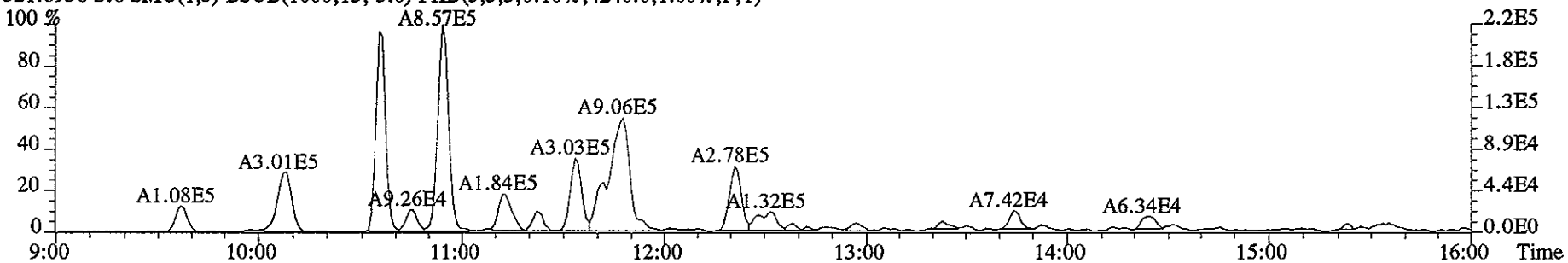


File:10JA067D2 #1-1169 Acq:10-JAN-2006 12:47:21 GC EI+ Voltage SIR 70S
Sample#6 Text:HT1WF-1-AC :G5L300272-3 Exp:DB225

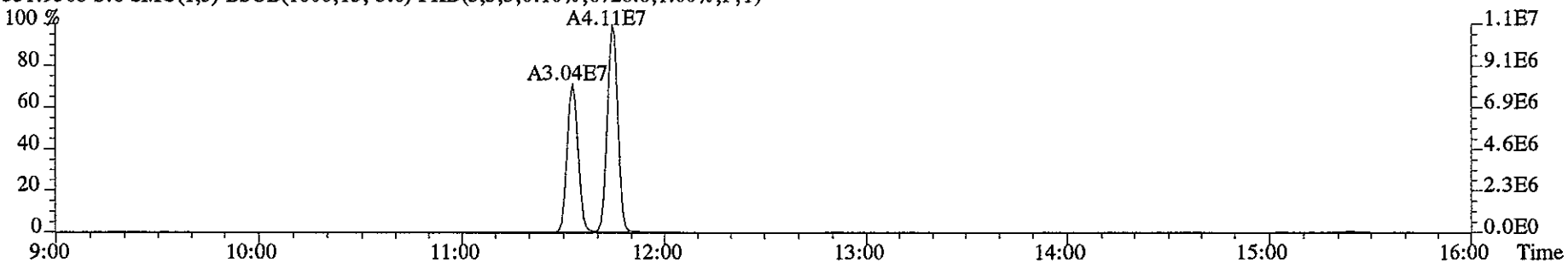
319.8965 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3728.0,1.00%,F,T)



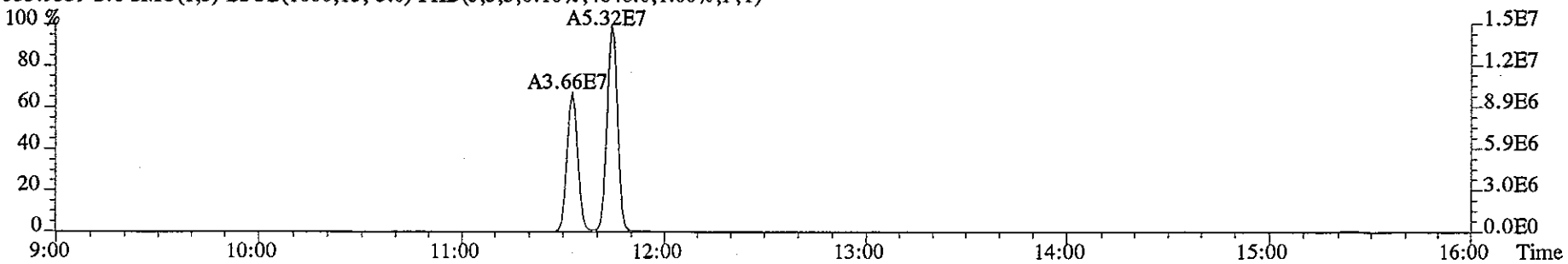
321.8936 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4240.0,1.00%,F,T)



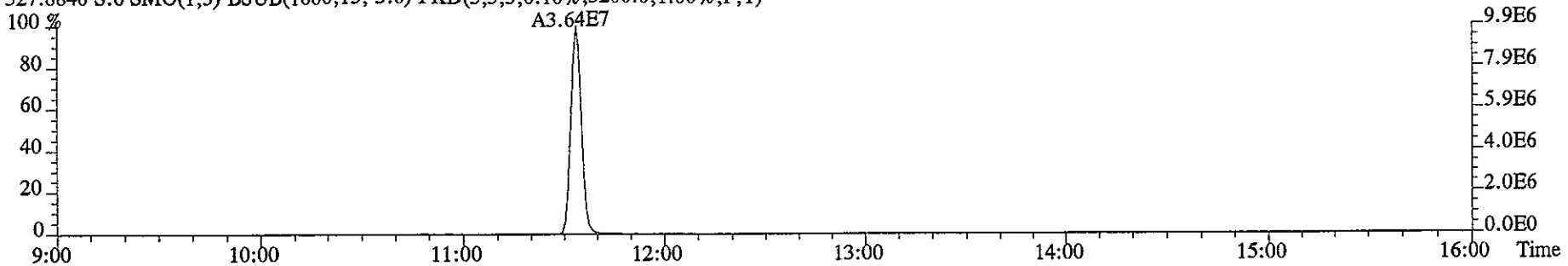
331.9368 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6728.0,1.00%,F,T)



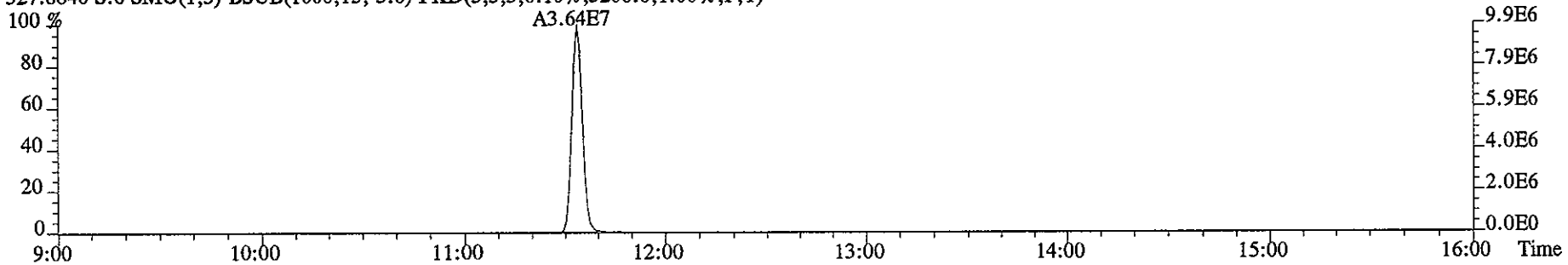
333.9339 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4648.0,1.00%,F,T)



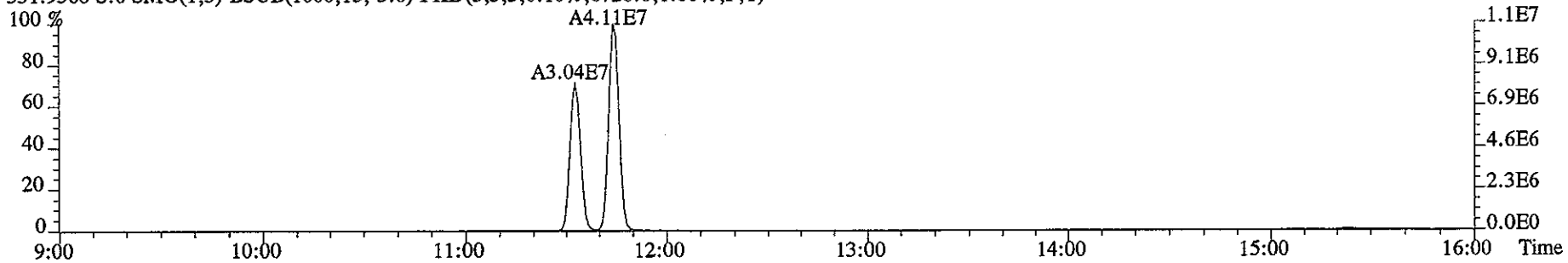
File:10JA067D2 #1-1169 Acq:10-JAN-2006 12:47:21 GC EI+ Voltage SIR 70S
Sample#6 Text:HT1WF-1-AC :G5L300272-3 Exp:DB225
327.8840 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3200.0,1.00%,F,T)



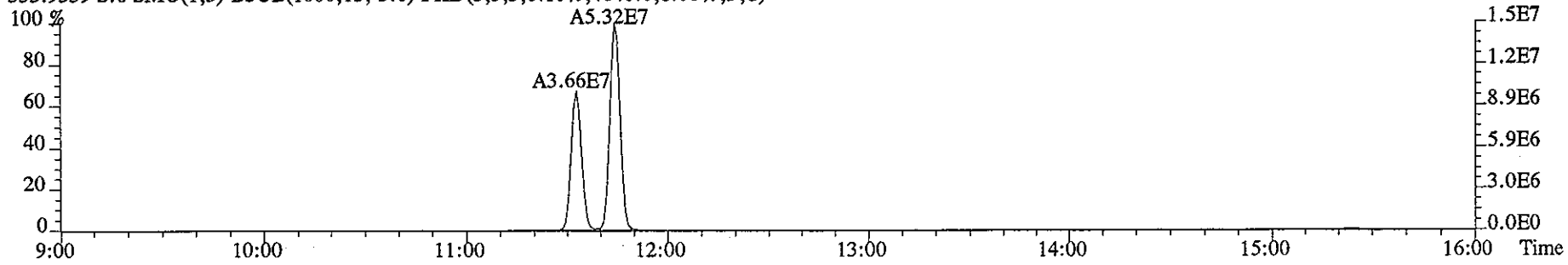
327.8840 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3200.0,1.00%,F,T)



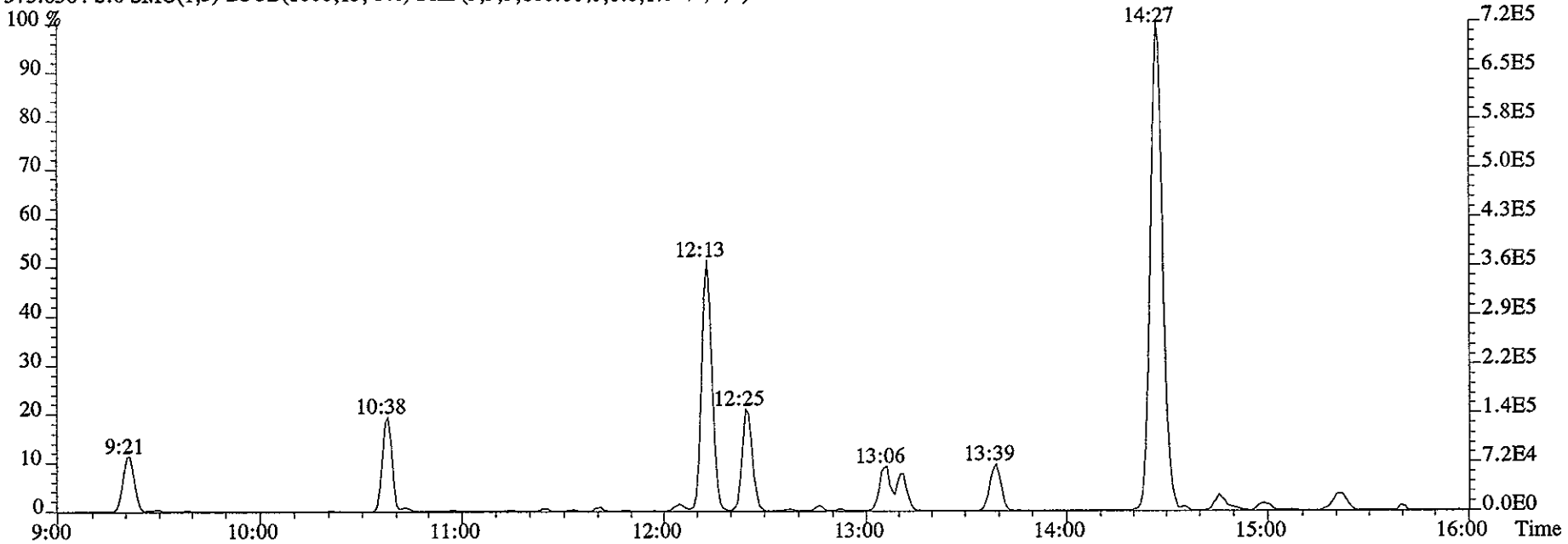
331.9368 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6728.0,1.00%,F,T)



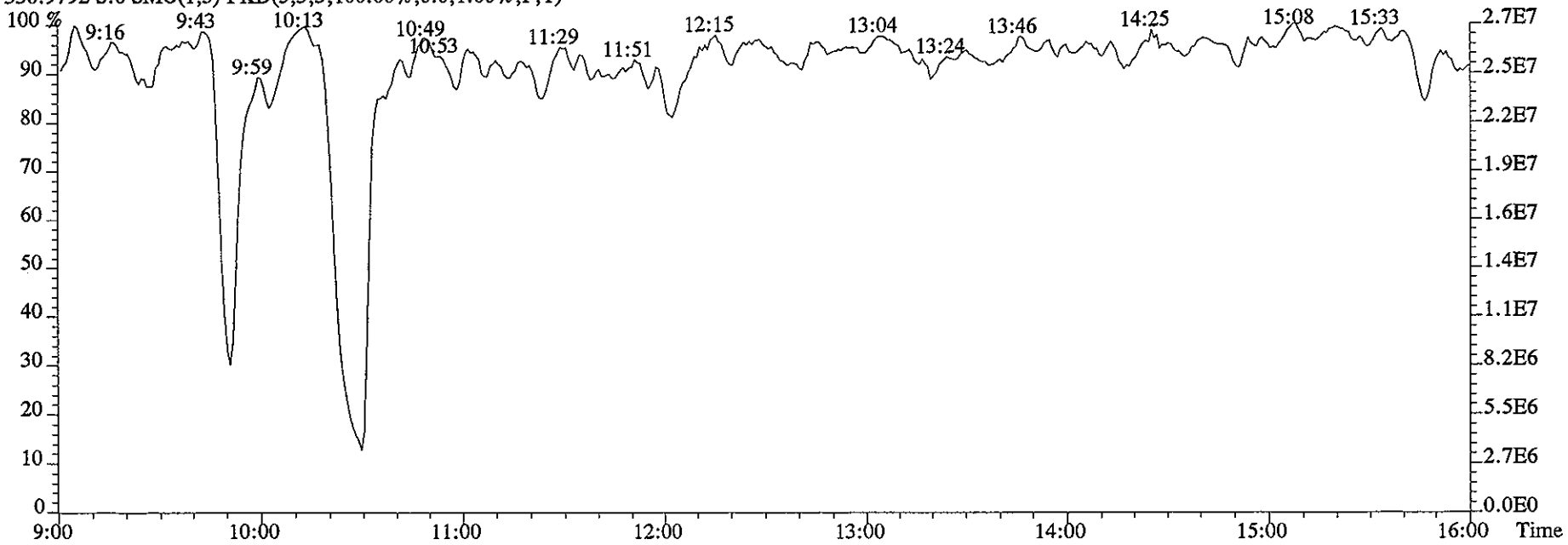
333.9339 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4648.0,1.00%,F,T)



File:10JA067D2 #1-1169 Acq:10-JAN-2006 12:47:21 GC EI+ Voltage SIR 70S
Sample#6 Text:HT1WF-1-AC :G5L300272-3 Exp:DB225
375.8364 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



330.9792 S:6 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4
Run #12 Filename: 09JA068D5 S: 13 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 23:49:15 Processed: 10-JAN-06 08:11:15
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	54796400	0.83	y	17:28	-	7.58	-	-	n
13C-2,3,7,8-TCDF	69561500	0.80	y	16:58	1.56	163.24	0.24	81.6	n
2,3,7,8-TCDF	6251520	0.77	y	17:00	1.00	17.97 See DB225	0.26	-	n
Total TCDF	51158833	0.79	y	14:50	1.00	~~147.05~~ 126.65	0.26	-	n
13C-2,3,7,8-TCDD	39895800	0.80	y	17:41	0.92	157.89	0.47	78.9	n
2,3,7,8-TCDD	285835	0.81	y	17:41	1.28	1.12	0.28	-	y
Total TCDD	5055262	0.80	y	15:29	1.28	19.80	0.28	-	y
37Cl-2,3,7,8-TCDD	42327800	1.00	y	17:41	2.42	63.87	0.16	79.8	n
13C-1,2,3,7,8-PeCDF	63898700	1.57	y	22:00	1.34	174.03	0.31	87.0	n
1,2,3,7,8-PeCDF	3802810	1.61	y	22:02	0.95	12.52	0.47	-	n
2,3,4,7,8-PeCDF	6067390	1.67	y	23:22	1.00	19.04	0.45	-	n
Total F2 PeCDF	114040351	1.57	y	20:39	0.97	~~366.18~~	0.46	-	n
Total F1 PeCDF	15696919	0.57	n	14:49	0.97	~~50.42~~ 387.58	0.40	-	n
13C-1,2,3,7,8-PeCDD	36971400	1.52	y	24:03	0.88	152.61	0.46	76.3	n
1,2,3,7,8-PeCDD	617854	1.66	y	24:06	1.02	3.28	0.93	-	n
Total PeCDD	6041172	1.59	y	20:52	1.02	~~32.06~~ 24.48	0.93	-	n
13C-1,2,3,7,8,9-HxCDD	56359600	1.26	y	32:06	-	7.87	-	-	n
13C-1,2,3,4,7,8-HxCDF	51339900	0.52	y	30:21	1.12	163.13	0.27	81.6	n
1,2,3,4,7,8-HxCDF	7046710	1.27	y	30:22	1.08	25.30	0.63	-	y
1,2,3,6,7,8-HxCDF	8050130	1.24	y	30:34	1.20	26.09	0.57	-	n
2,3,4,6,7,8-HxCDF	6362600	1.22	y	31:28	1.09	22.69	0.62	-	n
1,2,3,7,8,9-HxCDF	326204	1.18	y	32:18	1.04	1.22 DC	0.65	-	y
Total HxCDF	130025606	1.29	y	27:44	1.11	~~456.61~~ 455.39	0.62	-	y
13C-1,2,3,6,7,8-HxCDD	39683600	1.25	y	31:45	0.96	147.05	0.23	73.5	n
1,2,3,4,7,8-HxCDD	464341	1.27	y	31:39	0.87	2.68 J	0.28	-	n
1,2,3,6,7,8-HxCDD	1017855	1.16	y	31:46	0.97	5.31	0.25	-	n
1,2,3,7,8,9-HxCDD	703839	1.25	y	32:06	1.00	3.55 J	0.24	-	y
Total HxCDD	11557089	1.31	y	29:16	0.95	~~61.46~~ ~~59.07~~ 57.99 JW 01/26/05	0.26	-	y
13C-1,2,3,4,6,7,8-HpCDF	32366600	0.48	y	33:55	0.94	122.36	0.27	61.2	n
1,2,3,4,6,7,8-HpCDF	14638410	1.01	y	33:56	1.31	69.16	0.20	-	n
1,2,3,4,7,8,9-HpCDF	1196456	0.97	y	35:07	1.16	6.38	0.23	-	n
Total HpCDF	21856690	1.01	y	33:56	1.23	~~105.70~~ 105.52	0.21	-	n
13C-1,2,3,4,6,7,8-HpCDD	27412400	1.00	y	34:47	0.87	111.95	0.23	56.0	n
1,2,3,4,6,7,8-HpCDD	3393980	1.04	y	34:48	0.94	26.23	0.25	-	n
Total HpCDD	6659610	1.82	n	33:55	0.94	~~51.47~~ 51.29	0.25	-	n
13C-OCDD	63485700	0.88	y	37:26	0.74	304.34	0.27	76.1	n

1/17/06

OCDF	16097570	0.88	y	37:32	1.21	83.93	0.28	-	n
OCDD	16137590	0.89	y	37:27	0.98	104.15	0.36	-	n

Run text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4
Run #12 Filename: 09JA068D5 S: 13 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 23:49:15 Processed: 10-JAN-06 08:11:15
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	54796400	0.83	y	17:28	-	7.58	-	-	n
13C-2,3,7,8-TCDF	69561500	0.80	y	16:58	1.56	163.24	0.24	81.6	n
2,3,7,8-TCDF	6251520	0.77	y	17:00	1.00	17.97	0.26	-	n
Total TCDF	51158833	0.79	y	14:50	1.00	~~147.05~~ 126.67	0.26	-	n
13C-2,3,7,8-TCDD	39895800	0.80	y	17:41	0.92	157.89	0.47	78.9	n
2,3,7,8-TCDD	*	*	n	NotFnd	1.28	*	0.28	-	n
Total TCDD	5312028	0.80	y	15:29	1.28	~~20.80~~ 13.32	0.28	-	n
37Cl-2,3,7,8-TCDD	42327800	1.00	y	17:41	2.42	63.87	0.16	79.8	n
13C-1,2,3,7,8-PeCDF	63898700	1.57	y	22:00	1.34	174.03	0.31	87.0	n
1,2,3,7,8-PeCDF	3802810	1.61	y	22:02	0.95	12.52	0.47	-	n
2,3,4,7,8-PeCDF	6067390	1.67	y	23:22	1.00	19.04	0.45	-	n
Total F2 PeCDF	114040351	1.57	y	20:39	0.97	~~366.18~~ ~~361.59~~	0.46	-	n
Total F1 PeCDF	15051136	0.57	n	14:49	0.97	~~48.35~~ ~~34.19~~ 387.58	0.40	-	y
13C-1,2,3,7,8-PeCDD	36971400	1.52	y	24:03	0.88	152.61	0.46	76.3	n
1,2,3,7,8-PeCDD	617854	1.66	y	24:06	1.02	3.28	0.93	-	n
Total PeCDD	6041172	1.59	y	20:52	1.02	~~32.06~~ 24.88	0.93	-	n
13C-1,2,3,7,8,9-HxCDD	56359600	1.26	y	32:06	-	7.87	-	-	n
13C-1,2,3,4,7,8-HxCDF	51339900	0.52	y	30:21	1.12	163.13	0.27	81.6	n
1,2,3,4,7,8-HxCDF	10472150	1.24	y	30:22	1.08	~~37.60~~ 25.30	0.63	-	n
1,2,3,6,7,8-HxCDF	8050120	1.24	y	30:34	1.20	26.09	0.57	-	n
2,3,4,6,7,8-HxCDF	6362600	1.22	y	31:28	1.09	22.69	0.62	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.04	* 1.22	0.65	-	n
Total HxCDF	130337368	1.61	n	27:31	1.11	~~457.88~~ ~~447.65~~ 455.39	0.62	-	n
13C-1,2,3,6,7,8-HxCDD	39683600	1.25	y	31:45	0.96	147.05	0.23	73.5	n
1,2,3,4,7,8-HxCDD	464341	1.27	y	31:39	0.87	2.68	0.28	-	n
1,2,3,6,7,8-HxCDD	1017855	1.16	y	31:46	0.97	5.31	0.25	-	n
1,2,3,7,8,9-HxCDD	1157231	1.27	y	32:06	1.00	355 ~~5.83~~ AK 1/16/06	0.24	-	n
Total HxCDD	11594054	2.52	n	28:59	0.95	~~61.53~~ ~~60.27~~ ~~61.53~~ 59.02	0.26	-	n
13C-1,2,3,4,6,7,8-HpCDF	32366600	0.48	y	33:55	0.94	122.36	0.27	61.2	n
1,2,3,4,6,7,8-HpCDF	14638410	1.01	y	33:56	1.31	69.16	0.20	-	n
1,2,3,4,7,8,9-HpCDF	1196456	0.97	y	35:07	1.16	6.38	0.23	-	n
Total HpCDF	21856690	1.01	y	33:56	1.23	~~105.70~~ 105.52	0.21	-	n
13C-1,2,3,4,6,7,8-HpCDD	27412400	1.00	y	34:47	0.87	111.95	0.23	56.0	n
1,2,3,4,6,7,8-HpCDD	3393980	1.04	y	34:48	0.94	26.23	0.25	-	n
Total HpCDD	6659610	1.82	n	33:55	0.94	51.~~47~~29	0.25	-	n
13C-OCDD	63485700	0.88	y	37:26	0.74	304.34	0.27	76.1	n

AK 1/16/06

OCDF	16097570	0.88	y	37:32	1.21	83.93	0.28	-	n
OCDD	16137590	0.89	y	37:27	0.98	104.15	0.36	-	n

Run text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4
Run #12 Filename: 09JA068D5 S: 13 I: 1 Results: 09JA068D58290
Acquired: 9-JAN-06 23:49:15 Processed: 10-JAN-06 08:11:15
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000┐g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	54796400	0.83	y	17:28	-	7.58	-	-	n
13C-2,3,7,8-TCDF	69561500	0.80	y	16:58	1.56	163.24	0.24	81.6	n
2,3,7,8-TCDF	6251520	0.77	y	17:00	1.00	17.97	0.26	-	n
Total TCDF	51158833	0.79	y	14:50	1.00	147.05	0.26	-	n
13C-2,3,7,8-TCDD	39895800	0.80	y	17:41	0.92	157.89	0.47	78.9	n
2,3,7,8-TCDD	*	*	n	NotFnd	1.28	*	0.28	-	n
Total TCDD	5312028	0.80	y	15:29	1.28	20.80	0.28	-	n
37Cl-2,3,7,8-TCDD	42327800	1.00	y	17:41	2.42	63.87	0.16	79.8	n
13C-1,2,3,7,8-PeCDF	63898700	1.57	y	22:00	1.34	174.03	0.31	87.0	n
1,2,3,7,8-PeCDF	3802810	1.61	y	22:02	0.95	12.52	0.47	-	n
2,3,4,7,8-PeCDF	6067390	1.67	y	23:22	1.00	19.04	0.45	-	n
Total F2 PeCDF	114040351	1.57	y	20:39	0.97	366.18	0.46	-	n
Total F1 PeCDF	15696919	0.57	n	14:49	0.97	50.42	0.40	-	n
13C-1,2,3,7,8-PeCDD	36971400	1.52	y	24:03	0.88	152.61	0.46	76.3	n
1,2,3,7,8-PeCDD	617854	1.66	y	24:06	1.02	3.28	0.93	-	n
Total PeCDD	6041172	1.59	y	20:52	1.02	32.06	0.93	-	n
13C-1,2,3,7,8,9-HxCDD	56359600	1.26	y	32:06	-	7.87	-	-	n
13C-1,2,3,4,7,8-HxCDF	51339900	0.52	y	30:21	1.12	163.13	0.27	81.6	n
1,2,3,4,7,8-HxCDF	10472150	1.24	y	30:22	1.08	37.60	0.63	-	n
1,2,3,6,7,8-HxCDF	8050120	1.24	y	30:34	1.20	26.09	0.57	-	n
2,3,4,6,7,8-HxCDF	6362600	1.22	y	31:28	1.09	22.69	0.62	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.04	*	0.65	-	n
Total HxCDF	130337368	1.61	n	27:31	1.11	457.88	0.62	-	n
13C-1,2,3,6,7,8-HxCDD	39683600	1.25	y	31:45	0.96	147.05	0.23	73.5	n
1,2,3,4,7,8-HxCDD	464341	1.27	y	31:39	0.87	2.68	0.28	-	n
1,2,3,6,7,8-HxCDD	1017855	1.16	y	31:46	0.97	5.31	0.25	-	n
1,2,3,7,8,9-HxCDD	1157231	1.27	y	32:06	1.00	5.83	0.24	-	n
Total HxCDD	11594054	2.52	n	28:59	0.95	61.53	0.26	-	n
13C-1,2,3,4,6,7,8-HpCDF	32366600	0.48	y	33:55	0.94	122.36	0.27	61.2	n
1,2,3,4,6,7,8-HpCDF	14638410	1.01	y	33:56	1.31	69.16	0.20	-	n
1,2,3,4,7,8,9-HpCDF	1196456	0.97	y	35:07	1.16	6.38	0.23	-	n
Total HpCDF	21856690	1.01	y	33:56	1.23	105.70	0.21	-	n
13C-1,2,3,4,6,7,8-HpCDD	27412400	1.00	y	34:47	0.87	111.95	0.23	56.0	n
1,2,3,4,6,7,8-HpCDD	3393980	1.04	y	34:48	0.94	26.23	0.25	-	n
Total HpCDD	6659610	1.82	n	33:55	0.94	51.47	0.25	-	n
13C-OCDD	63485700	0.88	y	37:26	0.74	304.34	0.27	76.1	n
OCDF	16097570	0.88	y	37:32	1.21	83.93	0.28	-	n
OCDD	16137590	0.89	y	37:27	0.98	104.15	0.36	-	n

Totals Results STL Sacramento

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:18
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	1470.54 of which	179.70 named and	1290.84 unnamed
Conc:	147.05 of which	17.97 named and	129.08 unnamed

20.46

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:50	0.79	y	2.75	420822	36.6	y	n
						535760	30.4	y	n
	2	15:05	0.83	y	7.37	1161030	115.2	y	n
						1402880	91.5	y	n
	3	15:20	0.77	y	4.18	633020	50.1	y	n
						822014	43.4	y	n
	4	15:34	0.79	y	5.05	775460	71.8	y	n
						980159	58.9	y	n
	5	15:47	0.75	y	15.29	2272460	188.2	y	n
						3047020	169.7	y	n
	6	16:05	0.76	y	33.40	5011990	427.7	y	n
						6606670	375.6	y	n
	7	16:17	0.79	y	9.44	1448860	76.9	y	n
						1836750	68.3	y	n
	8	16:35	0.72	y	14.99	2175960	142.1	y	n
						3037660	130.0	y	n
	9	16:48	0.77	y	1.64	246933	20.2	y	n
						322624	18.4	y	n
2,3,7,8-TCDF	10	17:00	0.77	y	17.97	2728820	218.1	y	n
						3522700	186.2	y	n
	11	17:23	0.75	y	7.15	1063430	84.3	y	n
						1423340	76.1	y	n
	12	17:36	0.76	y	4.70	708143	53.5	y	n
						927218	46.5	y	n
	13	17:49	0.88	y	1.06	172188	10.5	y	n
						196417	8.8	y	n
	14	18:05	0.78	y	12.90 DPL	1969970	173.8	y	n
						2519290	149.7	y	n
	15	18:25	0.79	y	4.86 DPL	744967	64.8	y	n
						946767	52.4	y	n

16	18:44	0.84	y	1.66	263682	18.1	y	n
					315337	14.6	y	n
17	19:10	0.66	y	1.67	230389	17.2	y	n
					349442	18.2	y	n
18	19:21	0.85	y	0.97	155720	11.0	y	n
					182941	9.6	y	n

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:10
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	208.03	of which	* named and	208.03	unnamed
Conc:	20.80	of which	* named and	20.80	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:29	0.80	y	0.67	75606	8.4	y	n
						94970	8.9	y	n
	2	15:46	0.77	y	4.25	473561	50.9	y	n
						612252	58.8	y	n
	3	15:59	0.99	n	0.39	55273	5.2	y	n
						55947	4.9	y	n
	4	16:34	0.91	n	4.68	615635	45.0	y	n
						675029	49.2	y	n
	5	17:09	0.95	n	1.65	226627	21.5	y	n
						237693	22.0	y	n
	6	17:35	0.84	y	6.35	739293	36.8	y	n
						883353	41.0	y	n
	7	17:50	0.87	y	0.59	70694	5.4	y	n
						81225	5.8	y	n
	8	18:02	0.80	y	1.46	165408	13.1	y	n
						207373	16.3	y	n
	9	18:18	0.76	y	0.30	32834	2.6	n	n
						43269	3.5	y	n
	10	18:45	0.71	y	0.46	48790	3.9	y	n
						68857	5.3	y	n

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? yes #Hom:8
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	197.97 of which	11.19 named and	186.78	unnamed	
Conc:	19.80 of which	1.12 named and	18.68	unnamed	

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:29	0.80	y	0.67	75606	8.4	y	n
						94970	8.9	y	n
	2	15:46	0.77	y	4.25	473561	50.9	y	n
						612252	58.8	y	n
	3	16:34	0.83	y	4.84	560231	45.0	y	y
						675029	49.2	y	n
	4	17:09	0.95	n	1.65 JA	226627	21.5	y	n
						237693	22.0	y	n
	5	17:35	0.84	y	5.22	608764	36.7	y	y
						723597	40.9	y	y
2,3,7,8-TCDD	6	17:41	0.81	y	1.12	127593	11.5	y	y
						158242	13.4	y	y
	7	17:50	0.87	y	0.59	70695	5.4	y	n
						81225	5.8	y	n
	8	18:02	0.80	y	1.46	165408	13.1	y	n
						207373	16.3	y	n

PS
2A

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:11
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	3661.80	of which	315.51	named and	3346.30	unnamed			
Conc:	366.18	of which	31.55	named and	334.63	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:39	1.57	y	147.08	28001700	1004.8	y	n
						17784400	763.6	y	n
	2	21:01	1.69	y	5.20	1016080	40.6	y	n
						602287	30.7	y	n
	3	21:28	1.57	y	50.84	9669720	295.1	y	n
						6158100	228.0	y	n
1,2,3,7,8-PeCDF	4	22:02	1.61	y	12.52	2346060	74.4	y	n
						1456750	56.0	y	n
	5	22:12	1.48	y	7.19	1337310	50.5	y	n
						901651	39.3	y	n
	6	22:29	1.60	y	25.98	4980700	154.8	y	n
						3106050	119.2	y	n
2,3,4,7,8-PeCDF	7	23:22	1.67	y	19.04	3799000	114.6	y	n
						2268390	86.4	y	n
	8	23:38	1.54	y	93.76	17692800	524.3	y	n
						11493300	409.2	y	n
	9	24:06	1.85	n	0.64	143909	4.0	y	n
						77673	3.7	y	n
	10	25:00	1.54	y	2.44	460750	17.3	y	n
						298262	13.1	y	n
	11	25:14	1.64	y	1.51	291257	9.1	y	n
						177718	6.8	y	n

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? yes #Hom:10
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	483.49	of which	*	named and	483.49	unnamed			
Conc:	48.35	of which	*	named and	48.35	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:49	0.57	n	0.75	141860	13.9	y	n
						249917	27.4	y	n
	2	16:40	0.52	n	2.10	396655	18.7	y	n
						760611	42.6	y	n
	3	17:23	0.46	n	1.65	311864	19.9	y	n
						679442	47.4	y	n
	4	17:38	0.53	n	1.12	211574	8.2	y	n
						399958	17.1	y	n
	5	17:57	0.38	n	0.58	109156	6.5	y	n
						285030	17.7	y	n
	6	18:10	0.44	n	3.95	748151	28.6	y	n
						1718800	72.2	y	n
	7	18:20	0.57	n	1.07	202695	15.5	y	n
						357159	35.7	y	n
	8	18:31	0.44	n	3.49	660577	37.5	y	n
						1514750	97.2	y	n
	9	18:41	0.41	n	2.45	464284	35.3	y	y
						1141430	95.0	y	y
	10	19:07	1.49	y	31.19	5808390	304.1	y	y
						3901210	211.9	y	y

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:10
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	320.62 of which	32.79 named and	287.83 unnamed
Conc:	32.06 of which	3.28 named and	28.78 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:52	1.59	y	5.90	682716	25.2	y	n
						428685	17.0	y	n
	2	21:36	2.09	n	0.49	76454	3.5	y	n
						36550	1.7	n	n
	3	22:03	1.58	y	3.91	451326	19.8	y	n
						285954	12.8	y	n
	4	22:18	1.64	y	2.20	257695	9.3	y	n
						156753	6.2	y	n
	5	22:35	1.53	y	5.89	671754	22.5	y	n
						438703	15.3	y	n
	6	23:04	1.64	y	5.90	689865	18.8	y	n
						421827	12.8	y	n
	7	23:25	1.77	y	2.15	258602	8.7	y	n
						145828	6.3	y	n
1,2,3,7,8-PeCDD	8	24:06	1.66	y	3.28	385897	13.2	y	n
						231957	9.0	y	n
	9	24:22	4.25	n	0.39	121908	5.1	y	n
						28710	1.7	n	n
	10	25:02	1.61	y	1.95	226439	9.0	y	n
						140760	5.6	y	n

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:13
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	4578.76 of which	863.77 named and	3714.99 unnamed
Conc:	457.88 of which	86.38 named and	371.50 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:31	1.61	n	0.75	152282	4.5	y	n

						94697	4.3	y	n
	2	27:44	1.29	y	29.50	4718530	94.2	y	n
						3656530	87.6	y	n
	3	28:07	1.27	y	136.74	21747900	516.8	y	n
						17065900	472.6	y	n
	4	28:54	1.12	y	2.99	447431	10.7	y	n
						401068	10.5	y	n
	5	29:09	1.40	y	5.14	850950	22.4	y	n
						606799	20.6	y	n
	6	29:23	1.26	y	155.06	24559100	535.1	y	n
						19456800	500.1	y	n
1,2,3,4,7,8-HxCDF	7	30:22	1.24	y	37.60	5804040	129.4	y	n
						4668110	120.8	y	n
1,2,3,6,7,8-HxCDF	8	30:34	1.24	y	26.09	4463420	154.2	y	n
						3586700	146.6	y	n
	9	31:00	1.30	y	2.62	420853	11.4	y	n
						322493	11.3	y	n
	10	31:19	1.25	y	29.23	4614120	205.9	y	n
						3683040	194.4	y	n
2,3,4,6,7,8-HxCDF	11	31:28	1.22	y	22.69	3501120	166.1	y	n
						2861480	156.1	y	n
	12	32:23	1.26	y	~~9.42~~	1491640	72.3	y	n
						1183080	65.9	y	n
	13	32:32	1.28	y	~~0.05~~	7942	0.6	n	n
						6202	0.5	n	n

See pg 6A

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? yes #Hom:13
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	4566.13	of which	752.95	named and	3813.19	unnamed			
Conc:	456.61	of which	75.29	named and	381.32	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:44	1.29	y	29.50	4718520	94.2	y	n
						3656530	87.6	y	n
	2	28:07	1.27	y	136.74	21747900	516.8	y	n
						17065900	472.6	y	n
	3	28:54	1.12	y	2.99	447425	10.7	y	n
						401073	10.5	y	n
	4	29:09	1.40	y	5.14	850944	22.4	y	n
						606803	20.6	y	n
	5	29:23	1.26	y	155.06	24559100	535.1	y	n
						19456900	500.1	y	n
	6	30:18	1.19	y	11.74	1811790	82.7	y	y
						1519400	76.1	y	y
1,2,3,4,7,8-HxCDF	7	30:22	1.27	y	25.30	3938980	129.3	y	y
						3107730	120.7	y	y
1,2,3,6,7,8-HxCDF	8	30:34	1.24	y	26.09	4463430	154.2	y	n
						3586700	146.6	y	n
	9	31:00	1.30	y	2.62	420853	11.4	y	n
						322494	11.3	y	n
	10	31:19	1.25	y	29.23	4614120	205.9	y	n
						3683040	194.4	y	n
2,3,4,6,7,8-HxCDF	11	31:28	1.22	y	22.69	3501120	166.1	y	n
						2861480	156.1	y	n
1,2,3,7,8,9-HxCDF	12	32:18	1.18	y	1.22	176663	11.8	y	y
						149541	11.3	y	y
	13	32:23	1.27	y	8.30	1319210	72.4	y	y
						1037960	65.9	y	y

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:8
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	615.29 of which	138.27 named and	477.02 unnamed
Conc:	61.53 of which	13.83 named and	47.70 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:59	2.52	n	0.22	47225	3.2	y	n
						18737	1.3	n	n
	2	29:16	1.31	y	10.10	1073130	66.7	y	n
						822000	41.4	y	n
	3	30:26	1.25	y	15.59	1624230	137.3	y	n
						1302090	93.4	y	n
	4	30:51	1.24	y	20.76	2155090	203.2	y	n
						1741540	140.7	y	n
	5	31:04	1.31	y	1.04	110401	12.8	y	n
						84175	8.3	y	n
1,2,3,4,7,8-HxCDD	6	31:39	1.27	y	2.68	259818	32.5	y	n
						204523	22.0	y	n
1,2,3,6,7,8-HxCDD	7	31:46	1.16	y	5.31	547489	74.0	y	n
						470366	55.1	y	n
1,2,3,7,8,9-HxCDD	8	32:06	1.27	y	5.83	646571	55.3	y	n
						510660	38.2	y	n

See R9 7A

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:4
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	1057.02 of which	755.39 named and	301.63 unnamed
Conc:	105.70 of which	75.54 named and	30.16 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,6,7,8-HpCDF	1	33:56	1.01	y	69.16	7361630	948.0	y	n
						7276780	1134.9	y	n
	2	34:07	1.03	y	7.09	718741	83.7	y	n
						697543	100.4	y	n
	3	34:15	1.02	y	23.07	2329420	297.9	y	n

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? yes #Hom:8
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	614.61	of which	115.41	named and	499.20	unnamed			
Conc:	61.46	of which	11.54	named and	49.92	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	29:16	1.31	y	10.10	1073130	66.7	y	n	
						822000	41.4	y	n	
	2	30:26	1.25	y	15.59	1624230	137.3	y	n	
						1302090	93.4	y	n	
	3	30:51	1.24	y	20.76	2155090	203.2	y	n	
						1741540	140.7	y	n	
	4	31:04	1.31	y	1.04	110401	12.8	y	n	PG
						84174	8.3	y	n	
1,2,3,4,7,8-HxCDD	5	31:39	1.27	y	2.68	259818	32.5	y	n	7A
						204523	22.0	y	n	
1,2,3,6,7,8-HxCDD	6	31:46	1.16	y	5.31	547489	74.0	y	n	
						470366	55.1	y	n	
	7	32:04	1.18	y	2.44	247654	44.1	y	y	
						210745	31.7	y	y	
1,2,3,7,8,9-HxCDD	8	32:06	1.25	y	3.55	391503	55.4	y	y	
						312336	38.7	y	y	

						2276120	360.3	y	n
1,2,3,4,7,8,9-HpCDF	4	35:07	0.97	y	6.38	589209	76.1	y	n
						607247	96.5	y	n

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:3
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	514.66 of which	262.29 named and	252.37	unnamed
Conc:	51.47 of which	26.23 named and	25.24	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:55	1.82	n	~~0.18~~	20442	4.0	y	n
						11226	1.7	n	n
	2	34:12	1.06	y	25.06	1666580	347.7	y	n
						1576150	284.5	y	n
1,2,3,4,6,7,8-HpCDD	3	34:48	1.04	y	26.23	1732460	355.4	y	n
						1661520	289.6	y	n

Page 1-9 A See 1-9B

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:18
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	1470.54 of which	179.70 named and	1290.84 unnamed
Conc:	147.05 of which	17.97 named and	129.08 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:50	0.79	y	2.75	420822	36.6	y	n
						535760	30.4	y	n
	2	15:05	0.83	y	7.37	1161030	115.2	y	n
						1402880	91.5	y	n
	3	15:20	0.77	y	4.18	633020	50.1	y	n
						822014	43.4	y	n
	4	15:34	0.79	y	5.05	775460	71.8	y	n
						980159	58.9	y	n
	5	15:47	0.75	y	15.29	2272460	188.2	y	n
						3047020	169.7	y	n
	6	16:05	0.76	y	33.40	5011990	427.7	y	n
						6606670	375.6	y	n
	7	16:17	0.79	y	9.44	1448860	76.9	y	n
						1836750	68.3	y	n
	8	16:35	0.72	y	14.99	2175960	142.1	y	n
						3037660	130.0	y	n
	9	16:48	0.77	y	1.64	246933	20.2	y	n
						322624	18.4	y	n
2,3,7,8-TCDF	10	17:00	0.77	y	17.97	2728820	218.1	y	n
						3522700	186.2	y	n
	11	17:23	0.75	y	7.15	1063430	84.3	y	n
						1423340	76.1	y	n
	12	17:36	0.76	y	4.70	708143	53.5	y	n
						927218	46.5	y	n
	13	17:49	0.88	y	1.06	172188	10.5	y	n
						196417	8.8	y	n
	14	18:05	0.78	y	12.90	1969970	173.8	y	n
						2519290	149.7	y	n
	15	18:25	0.79	y	4.86	744967	64.8	y	n
						946767	52.4	y	n

16	18:44	0.84	y	1.66	263682	18.1	y	n
					315337	14.6	y	n
17	19:10	0.66	y	1.67	230389	17.2	y	n
					349442	18.2	y	n
18	19:21	0.85	y	0.97	155720	11.0	y	n
					182941	9.6	y	n

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:10
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D5

Amount:	208.03	of which	* named and	208.03	unnamed
Conc:	20.80	of which	* named and	20.80	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:29	0.80	y	0.67	75606	8.4	y	n
						94970	8.9	y	n
	2	15:46	0.77	y	4.25	473561	50.9	y	n
						612252	58.8	y	n
	3	15:59	0.99	n	0.39	55273	5.2	y	n
						55947	4.9	y	n
	4	16:34	0.91	n	4.68	615635	45.0	y	n
						675029	49.2	y	n
	5	17:09	0.95	n	1.65	226627	21.5	y	n
						237693	22.0	y	n
	6	17:35	0.84	y	6.35	739293	36.8	y	n
						883353	41.0	y	n
	7	17:50	0.87	y	0.59	70694	5.4	y	n
						81225	5.8	y	n
	8	18:02	0.80	y	1.46	165408	13.1	y	n
						207373	16.3	y	n
	9	18:18	0.76	y	0.30	32834	2.6	n	n
						43269	3.5	y	n
	10	18:45	0.71	y	0.46	48790	3.9	y	n
						68857	5.3	y	n

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:11
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D¶

Amount:	3661.80 of which	315.51 named and	3346.30 unnamed
Conc:	366.18 of which	31.55 named and	334.63 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:39	1.57	y	147.08	28001700	1004.8	y	n
						17784400	763.6	y	n
	2	21:01	1.69	y	5.20	1016080	40.6	y	n
						602287	30.7	y	n
	3	21:28	1.57	y	50.84	9669720	295.1	y	n
						6158100	228.0	y	n
1,2,3,7,8-PeCDF	4	22:02	1.61	y	12.52	2346060	74.4	y	n
						1456750	56.0	y	n
	5	22:12	1.48	y	7.19	1337310	50.5	y	n
						901651	39.3	y	n
	6	22:29	1.60	y	25.98	4980700	154.8	y	n
						3106050	119.2	y	n
2,3,4,7,8-PeCDF	7	23:22	1.67	y	19.04	3799000	114.6	y	n
						2268390	86.4	y	n
	8	23:38	1.54	y	93.76	17692800	524.3	y	n
						11493300	409.2	y	n
	9	24:06	1.85	n	0.64	143909	4.0	y	n
						77673	3.7	y	n
	10	25:00	1.54	y	2.44	460750	17.3	y	n
						298262	13.1	y	n
	11	25:14	1.64	y	1.51	291257	9.1	y	n
						177718	6.8	y	n

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:10
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D¶

Amount:	504.24 of which	* named and	504.24 unnamed
Conc:	50.42 of which	* named and	50.42 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:49	0.57	n	0.75	141860	13.9	y	n
						249917	27.4	y	n
	2	16:40	0.52	n	2.10	396655	18.7	y	n
						760611	42.6	y	n
	3	17:23	0.46	n	1.65	311864	19.9	y	n
						679442	47.4	y	n
	4	17:38	0.53	n	1.12	211574	8.2	y	n
						399958	17.1	y	n
	5	17:57	0.38	n	0.58	109157	6.5	y	n
						285030	17.7	y	n
	6	18:10	0.44	n	3.95	748152	28.6	y	n
						1718800	72.2	y	n
	7	18:20	0.57	n	1.07	202695	15.5	y	n
						357159	35.7	y	n
	8	18:31	0.44	n	3.49	660578	37.5	y	n
						1514750	97.2	y	n
	9	18:41	0.43	n	3.64	688820	36.0	y	n
						1617690	94.8	y	n
	10	19:07	1.42	y	32.08	5867790	303.5	y	n
						4118190	211.6	y	n

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:10
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D¶

Amount:	320.62 of which	32.79 named and	287.83 unnamed
Conc:	32.06 of which	3.28 named and	28.78 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:52	1.59	y	5.90	682716	25.2	y	n
						428685	17.0	y	n
	2	21:36	2.09	n	0.49	76454	3.5	y	n
						36550	1.7	n	n
	3	22:03	1.58	y	3.91	451326	19.8	y	n
						285954	12.8	y	n
	4	22:18	1.64	y	2.20	257695	9.3	y	n
						156753	6.2	y	n
	5	22:35	1.53	y	5.89	671754	22.5	y	n
						438703	15.3	y	n
	6	23:04	1.64	y	5.90	689865	18.8	y	n
						421827	12.8	y	n
	7	23:25	1.77	y	2.15	258602	8.7	y	n
						145828	6.3	y	n
1,2,3,7,8-PeCDD	8	24:06	1.66	y	3.28	385897	13.2	y	n
						231957	9.0	y	n
	9	24:22	4.25	n	0.39	121908	5.1	y	n
						28710	1.7	n	n
	10	25:02	1.61	y	1.95	226439	9.0	y	n
						140760	5.6	y	n

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:13
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D¶

Amount:	4578.76 of which	863.77 named and	3714.99 unnamed
Conc:	457.88 of which	86.38 named and	371.50 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:31	1.61	n	0.75	152282	4.5	y	n

						94697	4.3	y	n
	2	27:44	1.29	y	29.50	4718530	94.2	y	n
						3656530	87.6	y	n
	3	28:07	1.27	y	136.74	21747900	516.8	y	n
						17065900	472.6	y	n
	4	28:54	1.12	y	2.99	447431	10.7	y	n
						401068	10.5	y	n
	5	29:09	1.40	y	5.14	850950	22.4	y	n
						606799	20.6	y	n
	6	29:23	1.26	y	155.06	24559100	535.1	y	n
						19456800	500.1	y	n
1,2,3,4,7,8-HxCDF	7	30:22	1.24	y	37.60	5804040	129.4	y	n
						4668110	120.8	y	n
1,2,3,6,7,8-HxCDF	8	30:34	1.24	y	26.09	4463420	154.2	y	n
						3586700	146.6	y	n
	9	31:00	1.30	y	2.62	420853	11.4	y	n
						322493	11.3	y	n
	10	31:19	1.25	y	29.23	4614120	205.9	y	n
						3683040	194.4	y	n
2,3,4,6,7,8-HxCDF	11	31:28	1.22	y	22.69	3501120	166.1	y	n
						2861480	156.1	y	n
	12	32:23	1.26	y	9.42	1491640	72.3	y	n
						1183080	65.9	y	n
	13	32:32	1.28	y	0.05	7942	0.6	n	n
						6202	0.5	n	n

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:8
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	615.29 of which	138.27 named and	477.02 unnamed
Conc:	61.53 of which	13.83 named and	47.70 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:59	2.52	n	0.22	47225	3.2	y	n
						18737	1.3	n	n
	2	29:16	1.31	y	10.10	1073130	66.7	y	n
						822000	41.4	y	n
	3	30:26	1.25	y	15.59	1624230	137.3	y	n
						1302090	93.4	y	n
	4	30:51	1.24	y	20.76	2155090	203.2	y	n
						1741540	140.7	y	n
	5	31:04	1.31	y	1.04	110401	12.8	y	n
						84175	8.3	y	n
1,2,3,4,7,8-HxCDD	6	31:39	1.27	y	2.68	259818	32.5	y	n
						204523	22.0	y	n
1,2,3,6,7,8-HxCDD	7	31:46	1.16	y	5.31	547489	74.0	y	n
						470366	55.1	y	n
1,2,3,7,8,9-HxCDD	8	32:06	1.27	y	5.83	646571	55.3	y	n
						510660	38.2	y	n

Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:4
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

Amount:	1057.02 of which	755.39 named and	301.63 unnamed
Conc:	105.70 of which	75.54 named and	30.16 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,6,7,8-HpCDF	1	33:56	1.01	y	69.16	7361630	948.0	y	n
						7276780	1134.9	y	n
	2	34:07	1.03	y	7.09	718741	83.7	y	n
						697543	100.4	y	n
	3	34:15	1.02	y	23.07	2329420	297.9	y	n

						2276120	360.3	y	n
1,2,3,4,7,8,9-HpCDF	4	35:07	0.97	y	6.38	589209	76.1	y	n
						607247	96.5	y	n

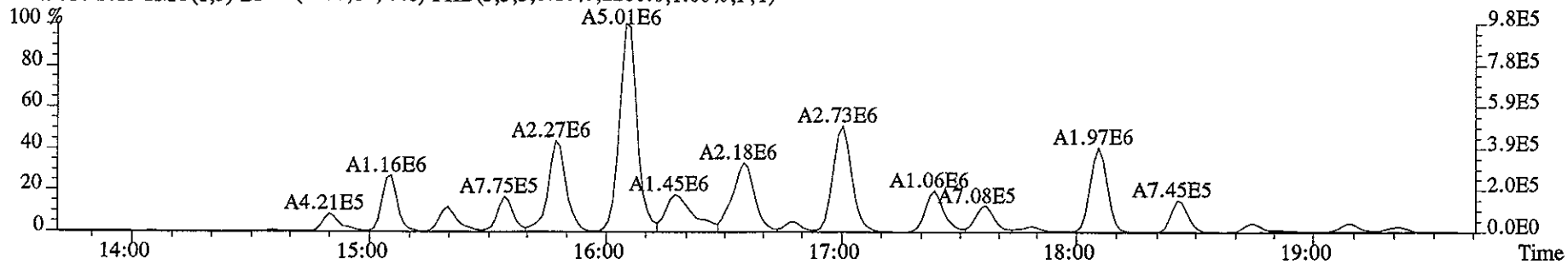
Run Text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4

Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:3
Run: 12 File: 09JA068D5 S:13 Acq:9-JAN-06 23:49:15
Tables: Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D

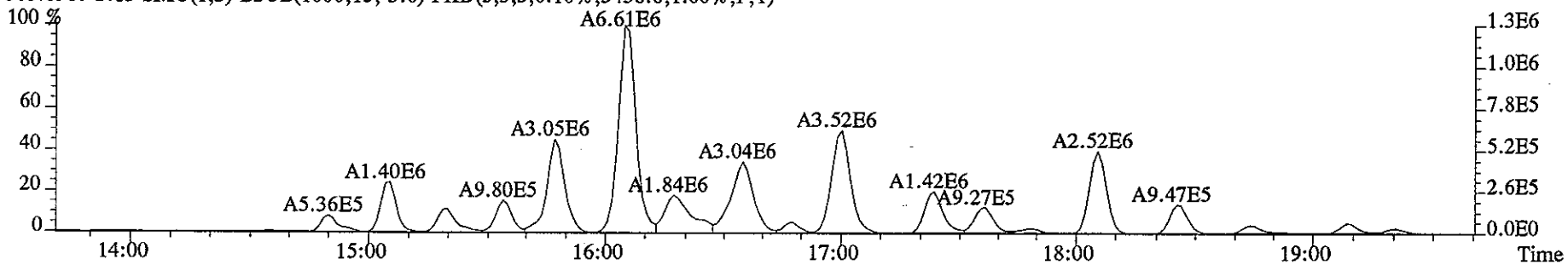
Amount:	514.66 of which	262.29 named and	252.37 unnamed
Conc:	51.47 of which	26.23 named and	25.24 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:55	1.82	n	0.18	20442	4.0	y	n
						11226	1.7	n	n
	2	34:12	1.06	y	25.06	1666580	347.7	y	n
						1576150	284.5	y	n
1,2,3,4,6,7,8-HpCDD	3	34:48	1.04	y	26.23	1732460	355.4	y	n
						1661520	289.6	y	n

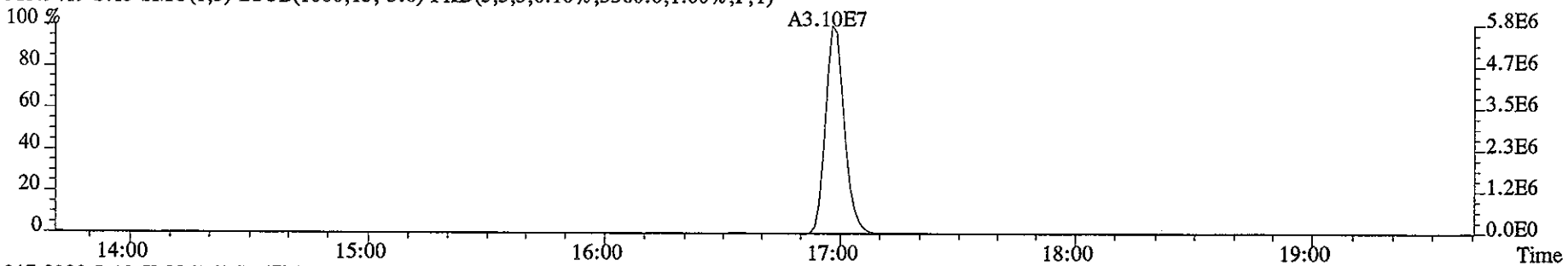
File:09JA068D5 #1-326 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN
303.9016 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2288.0,1.00%,F,T)



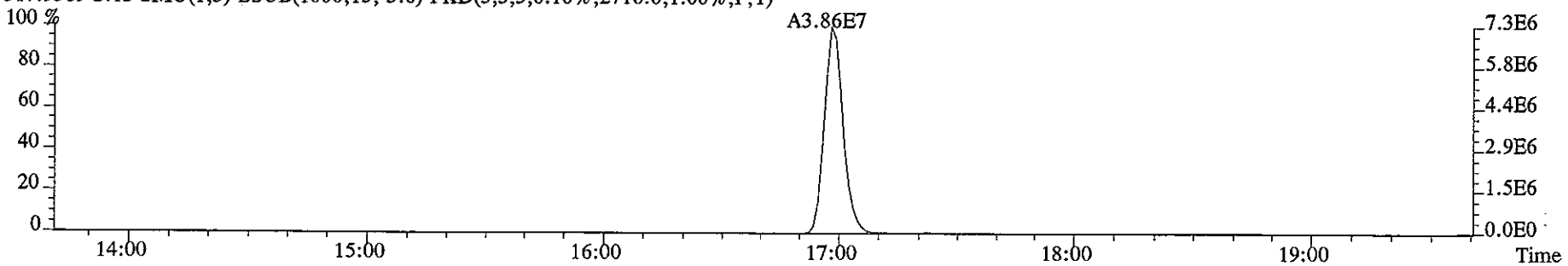
305.8987 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3456.0,1.00%,F,T)



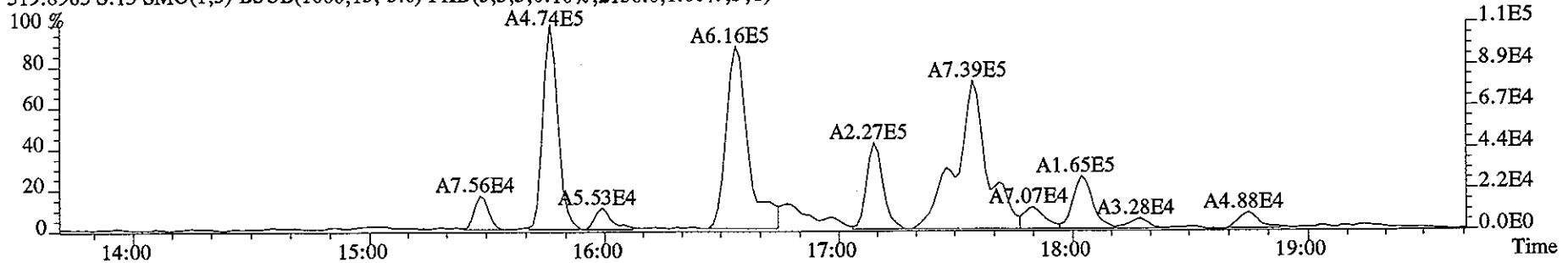
315.9419 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3360.0,1.00%,F,T)

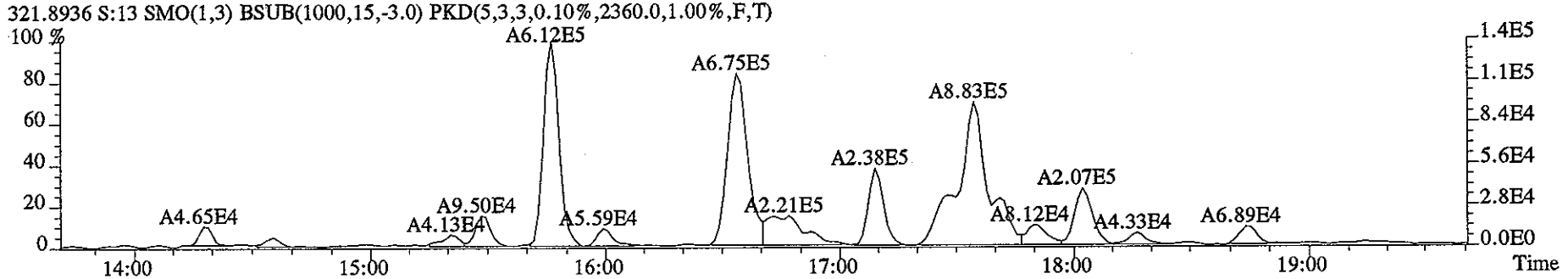


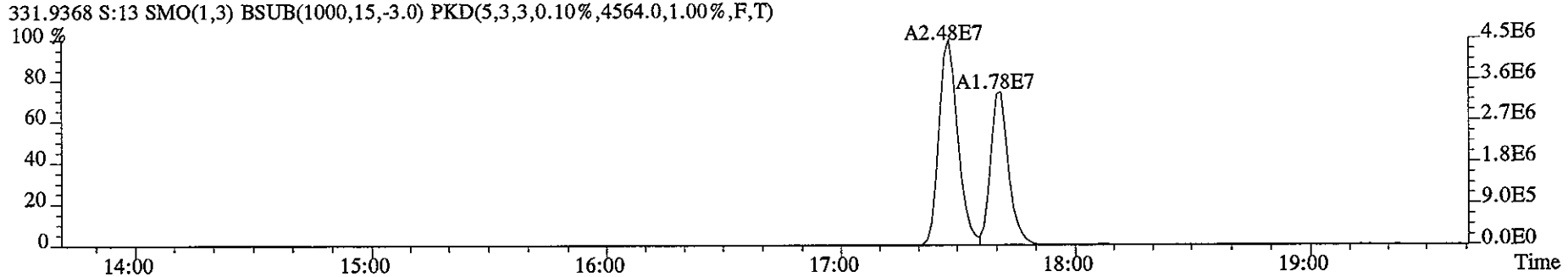
317.9389 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2716.0,1.00%,F,T)

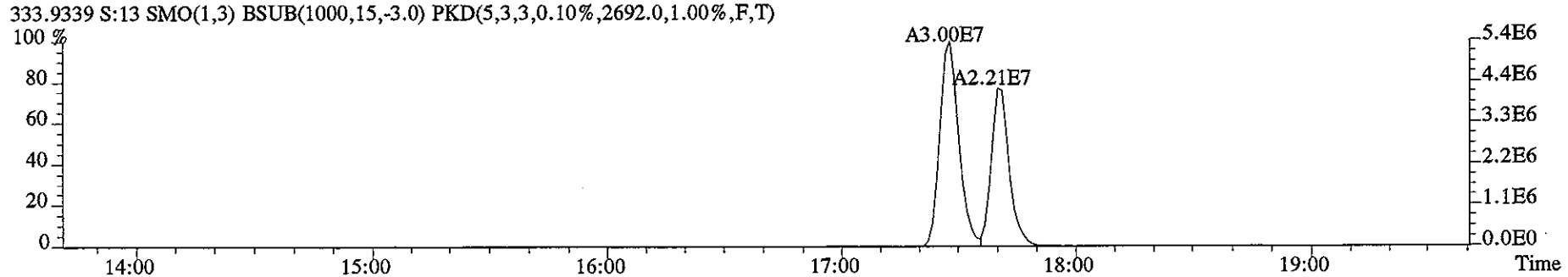


File:09JA068D5 #1-326 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN







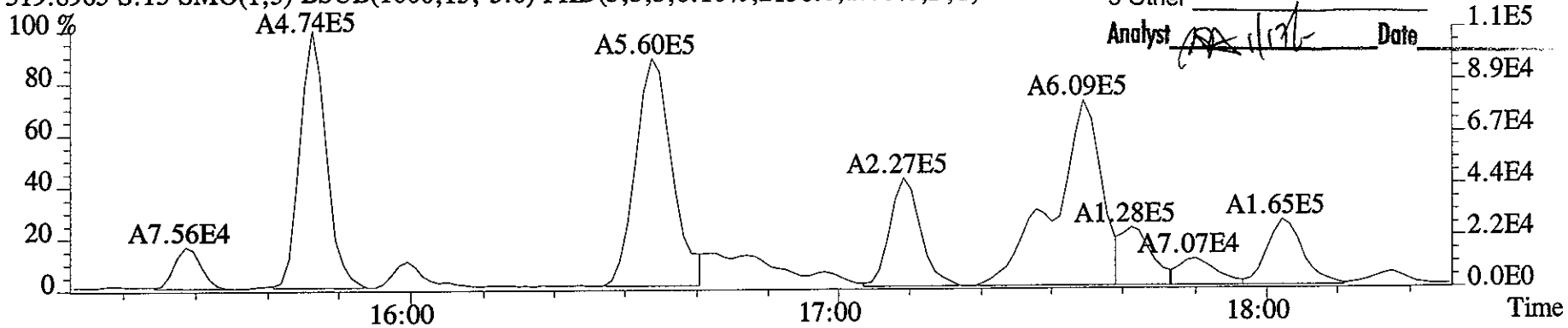


MANUAL EDIT CODES

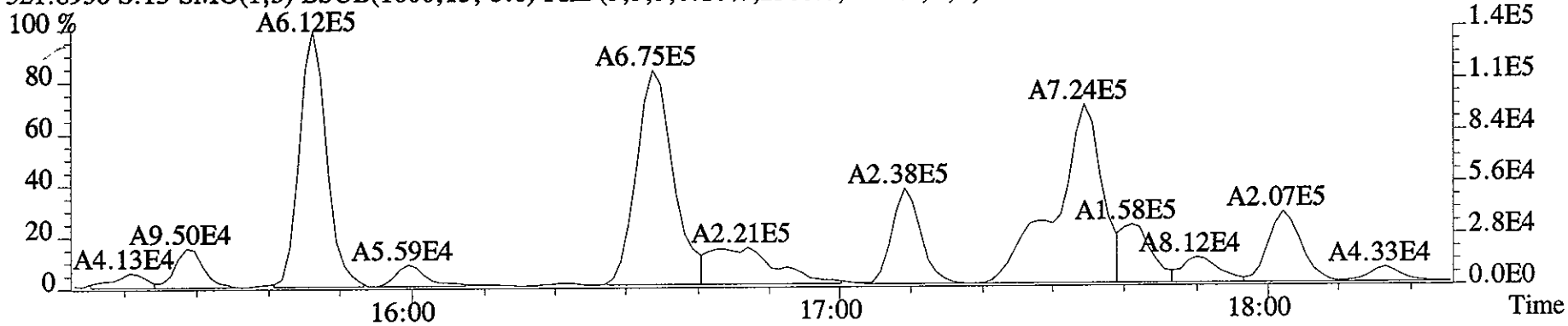
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

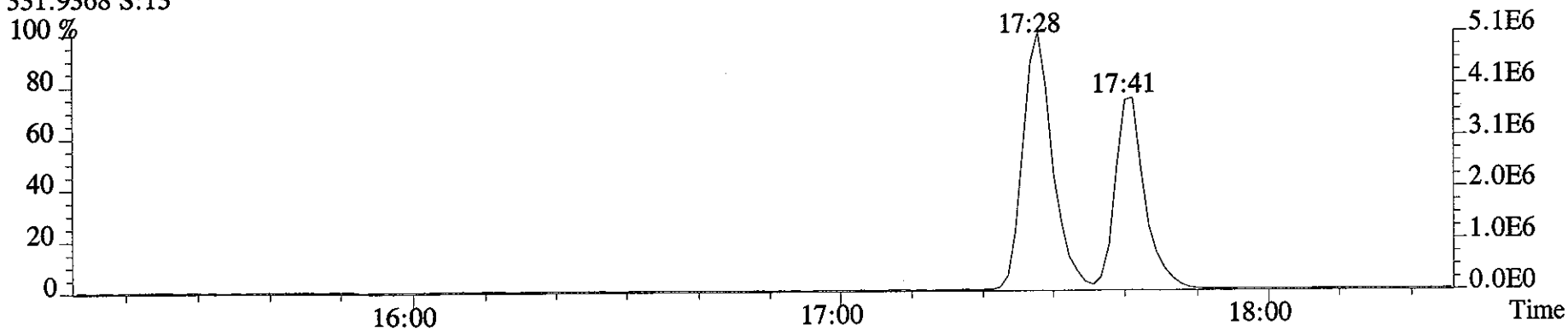
File:09JA068D5 #1-326 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN
319.8965 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2156.0,1.00%,F,T)



321.8936 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2360.0,1.00%,F,T)

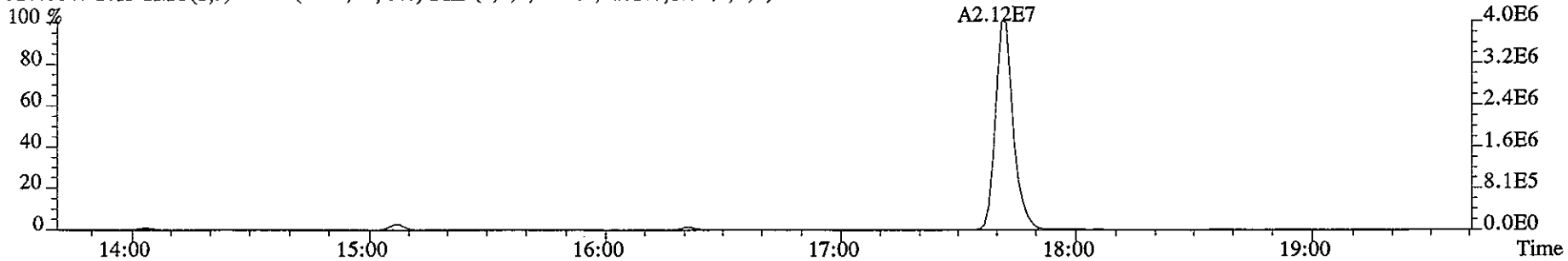


331.9368 S:13

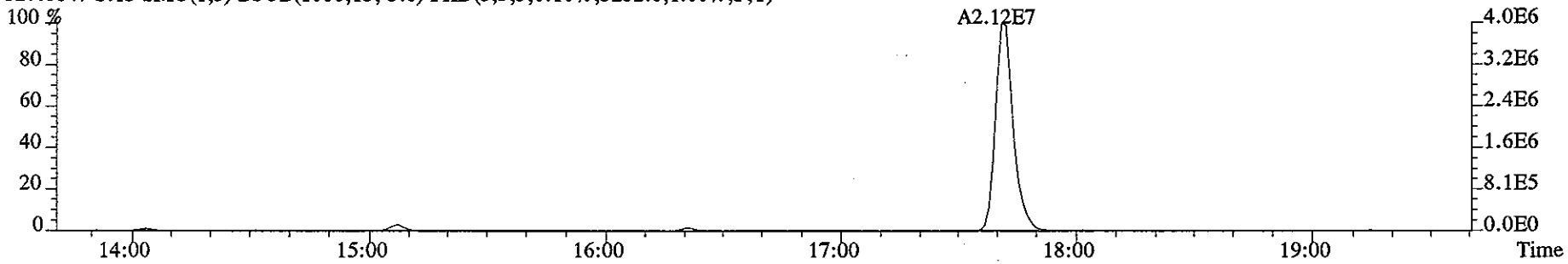


File:09JA068D5 #1-326 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

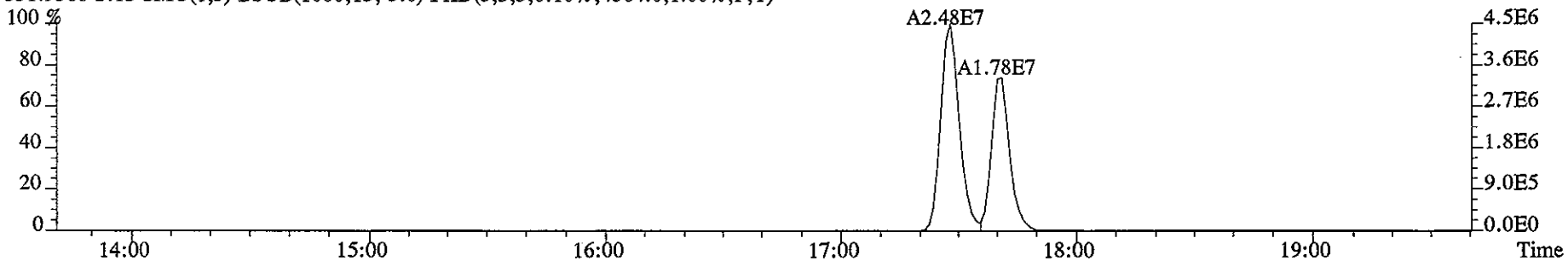
327.8847 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3252.0,1.00%,F,T)



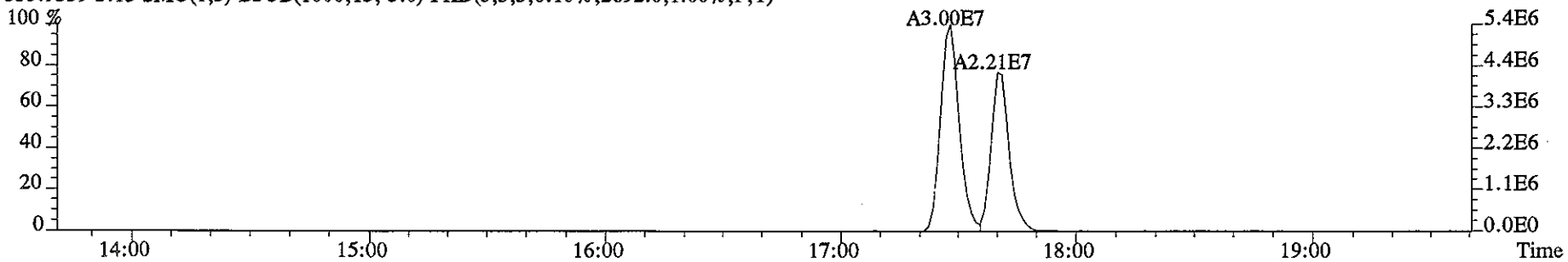
327.8847 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3252.0,1.00%,F,T)



331.9368 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4564.0,1.00%,F,T)

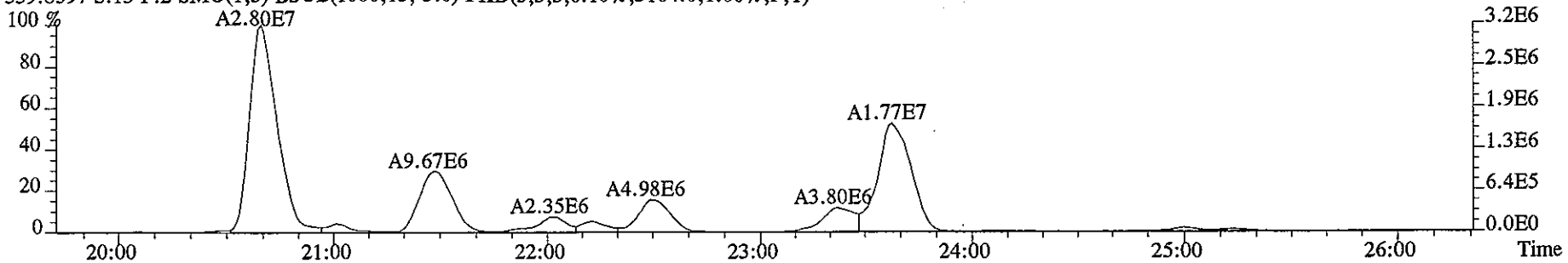


333.9339 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2692.0,1.00%,F,T)

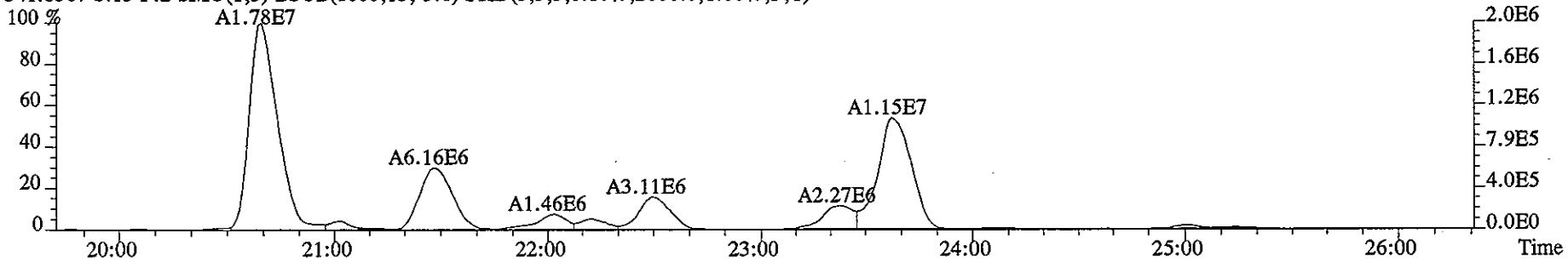


File:09JA068D5 #1-468 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

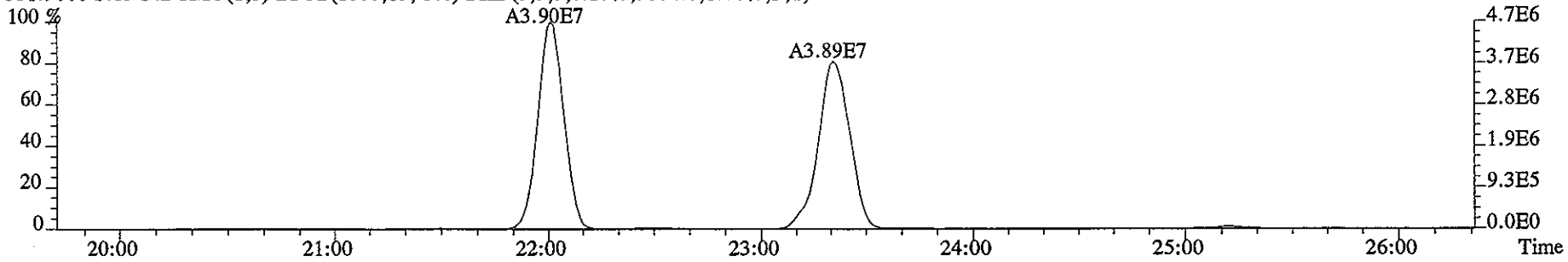
339.8597 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3164.0,1.00%,F,T)



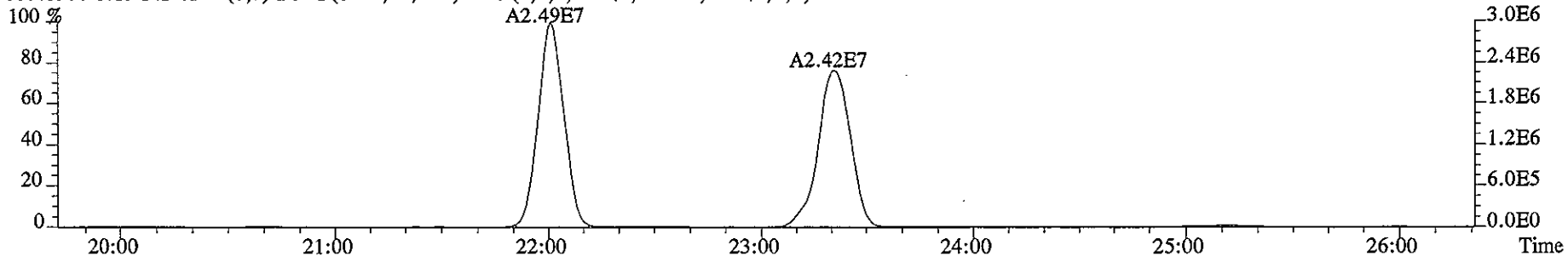
341.8567 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2600.0,1.00%,F,T)



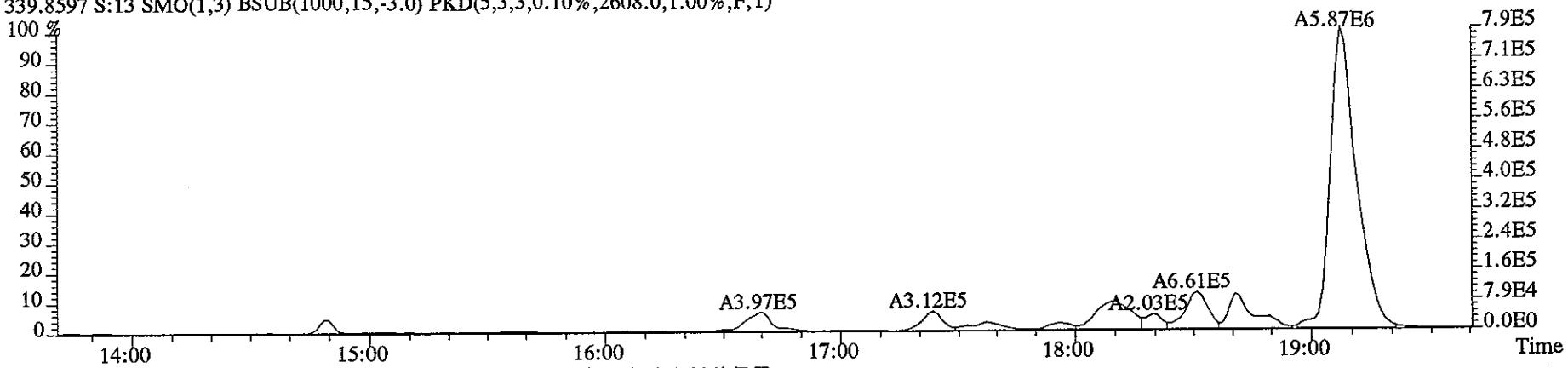
351.9000 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3884.0,1.00%,F,T)



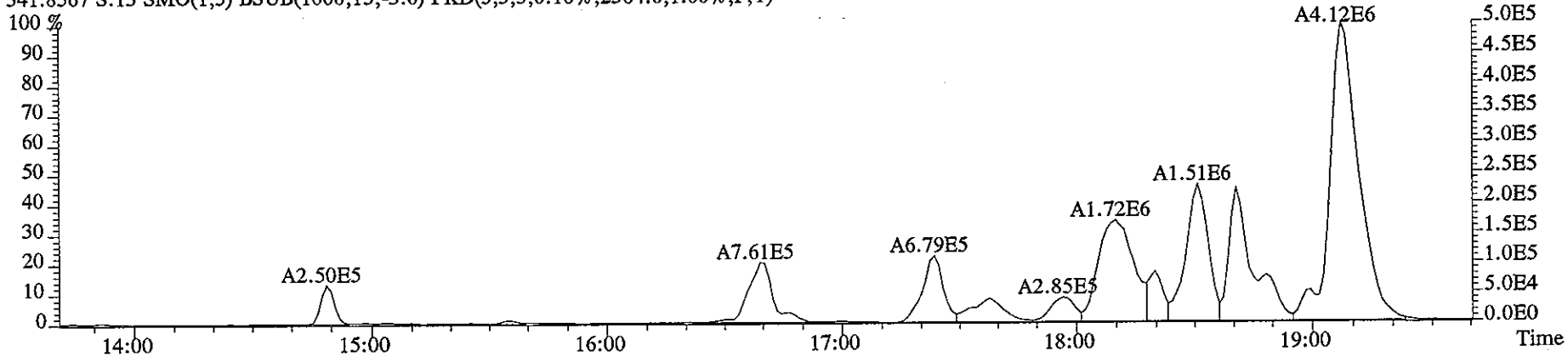
353.8970 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2956.0,1.00%,F,T)



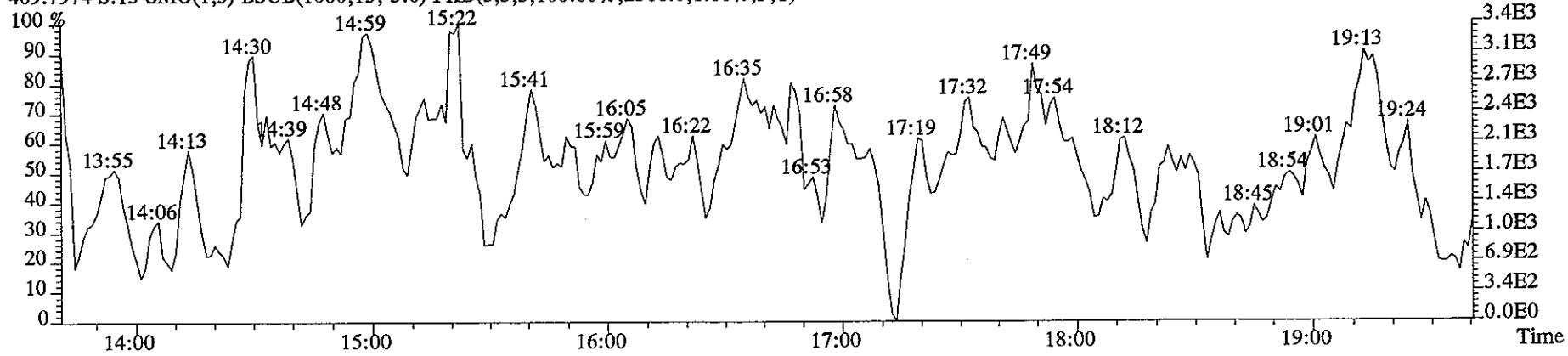
File:09JA068D5 #1-326 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN
339.8597 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2608.0,1.00%,F,T)



341.8567 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2364.0,1.00%,F,T)



409.7974 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2316.0,1.00%,F,T)

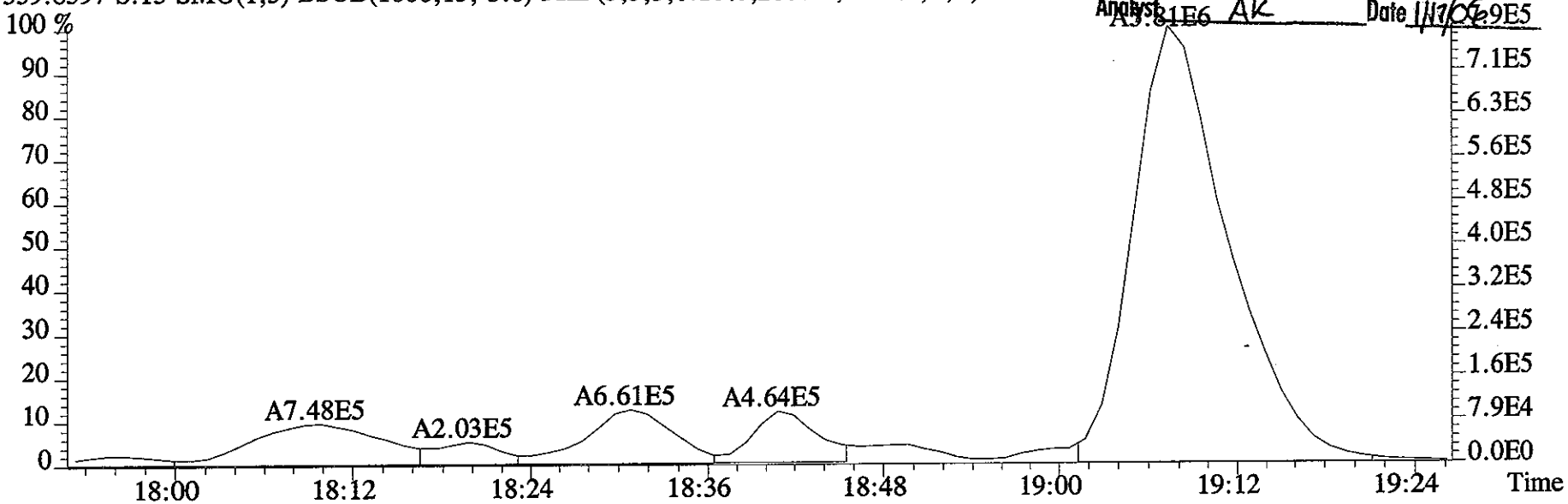


MANUAL EDIT CODES

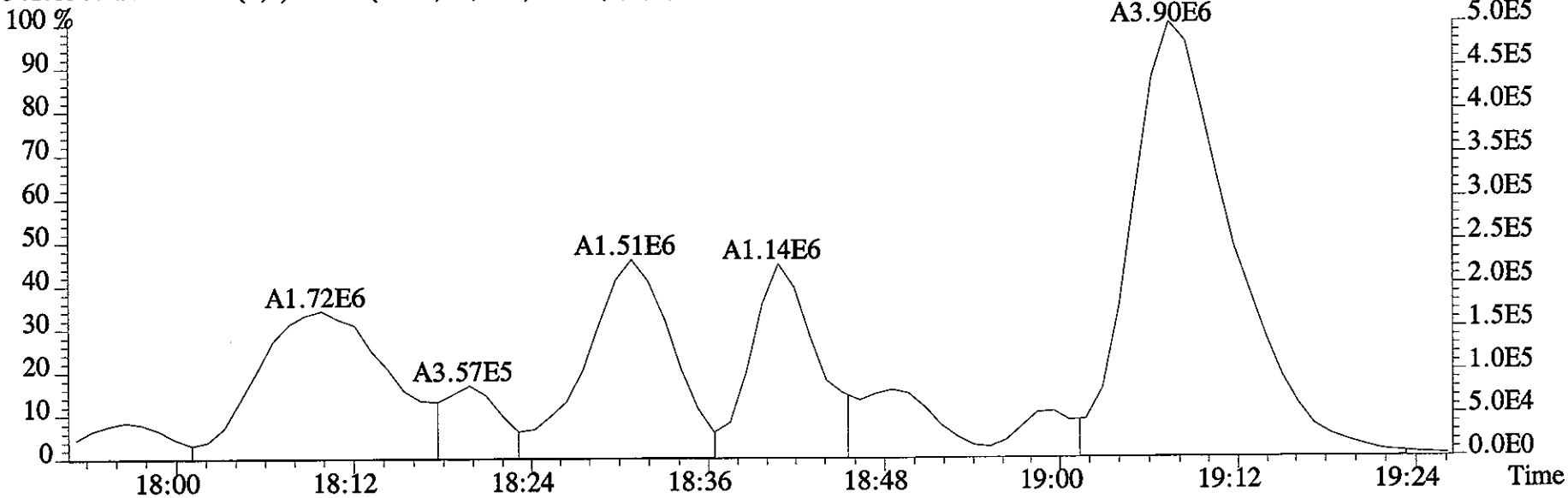
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst AK Date 1/17/06

File:09JA068D5 #1-326 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN
339.8597 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2608.0,1.00%,F,T)

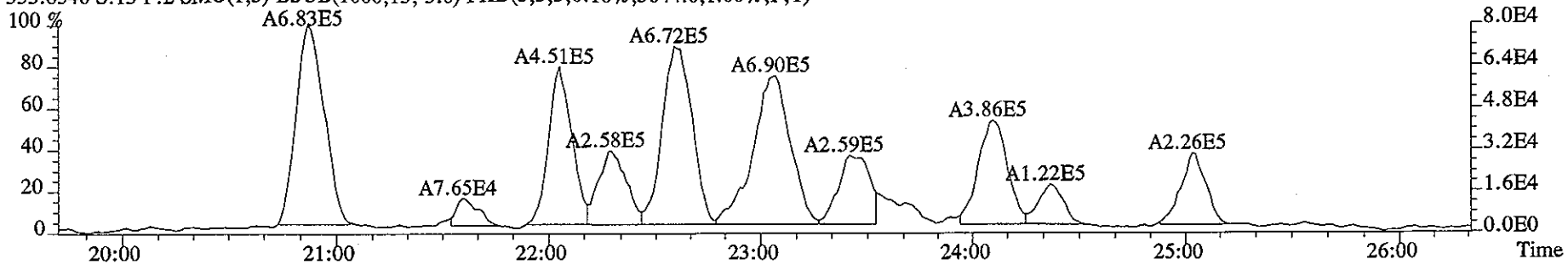


341.8567 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2364.0,1.00%,F,T)

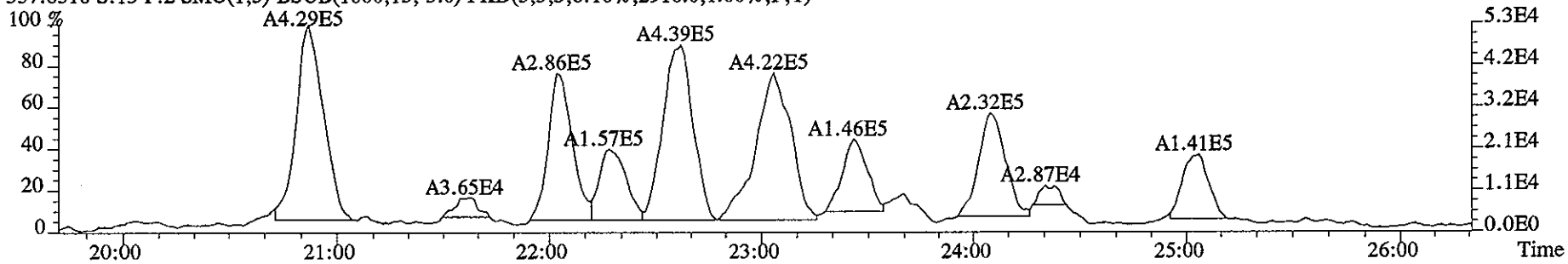


File:09JA068D5 #1-468 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

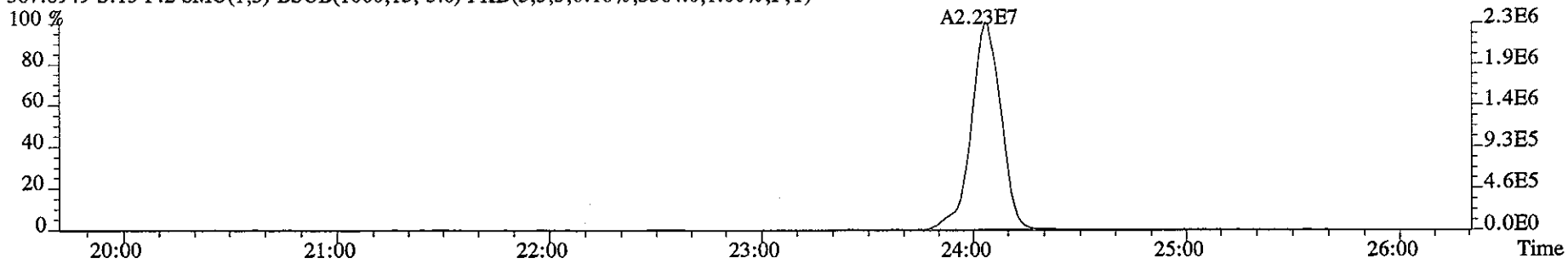
355.8546 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3044.0,1.00%,F,T)



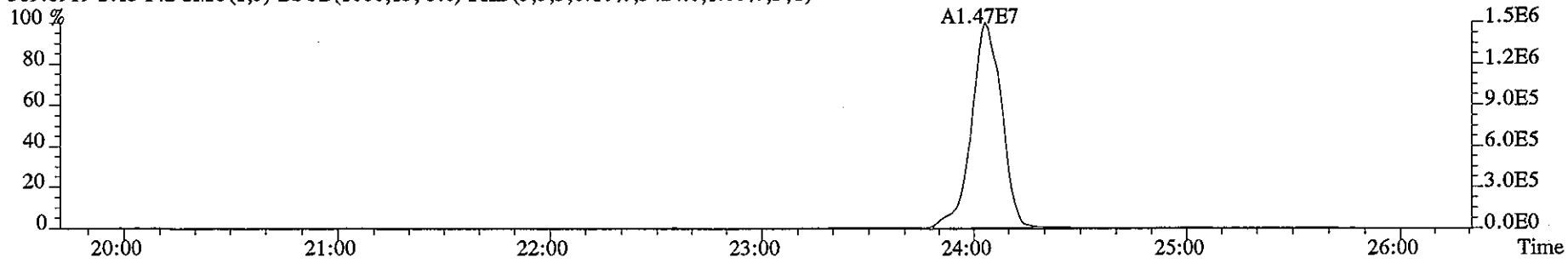
357.8516 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2916.0,1.00%,F,T)



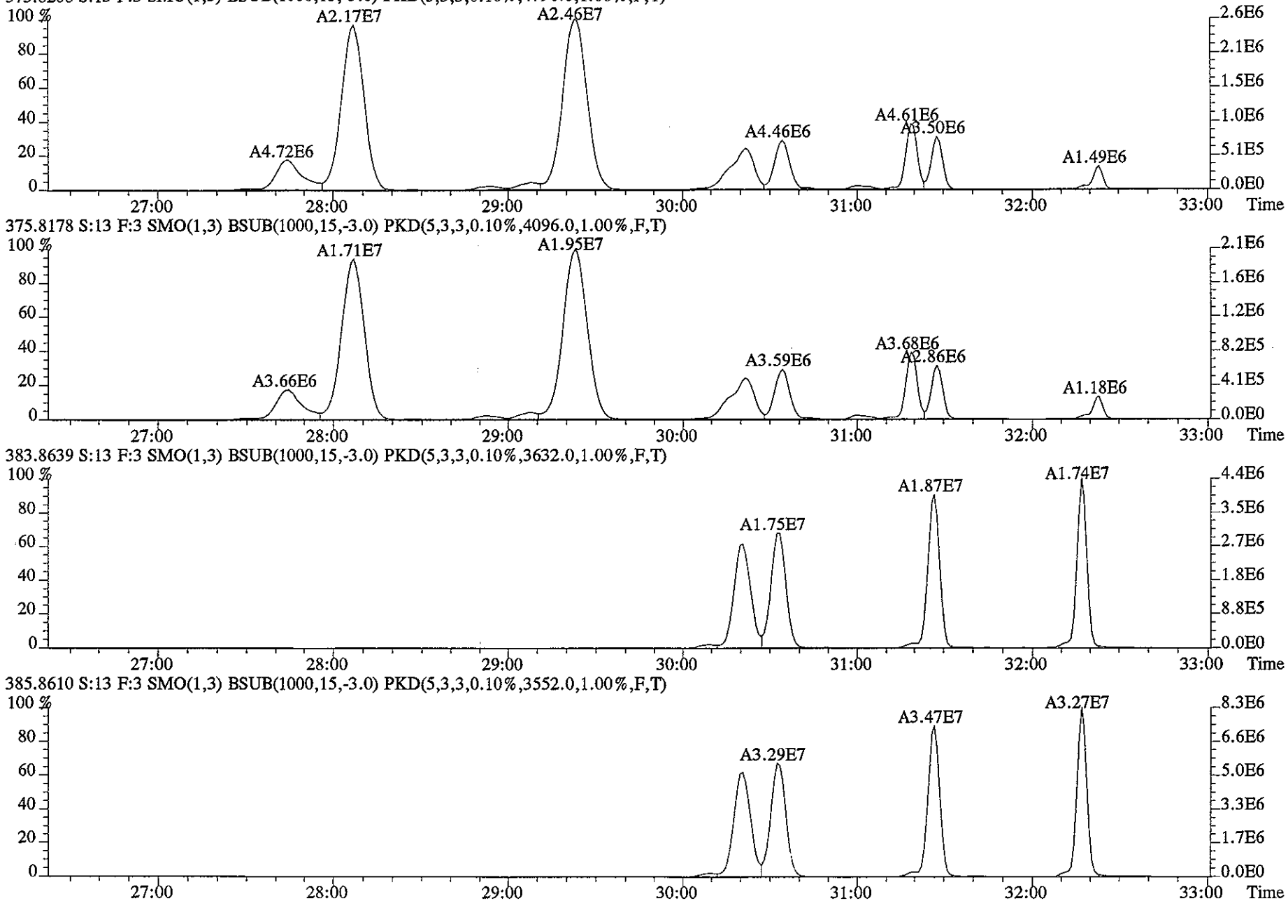
367.8949 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3364.0,1.00%,F,T)



369.8919 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3424.0,1.00%,F,T)



File:09JA068D5 #1-447 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

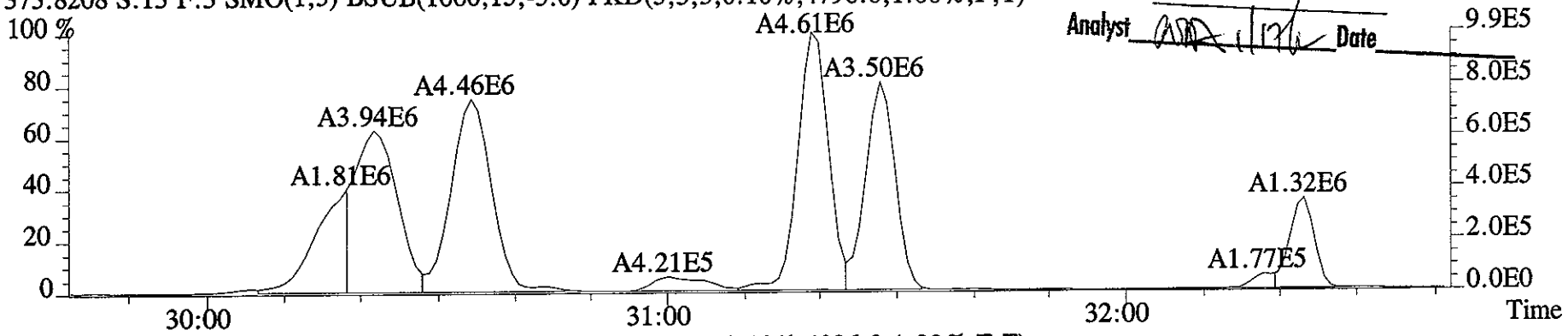


MANUAL EDIT CODES

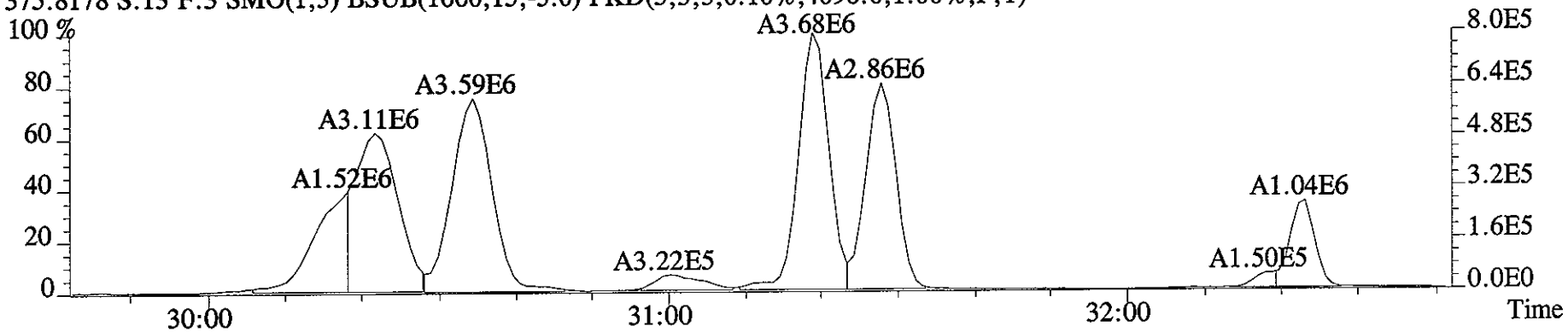
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other

Analyst _____ Date _____

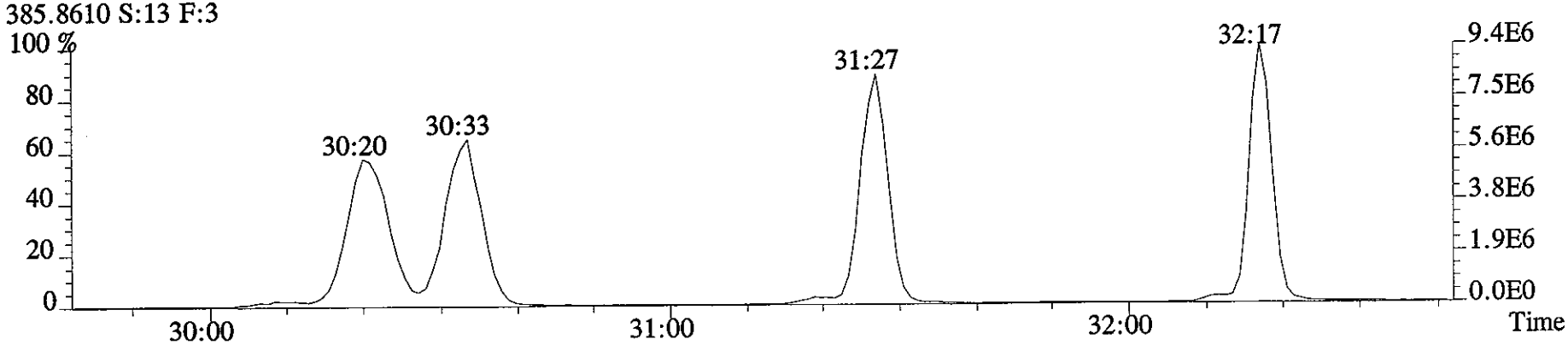
File:09JA068D5 #1-447 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN
373.8208 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4796.0,1.00%,F,T)



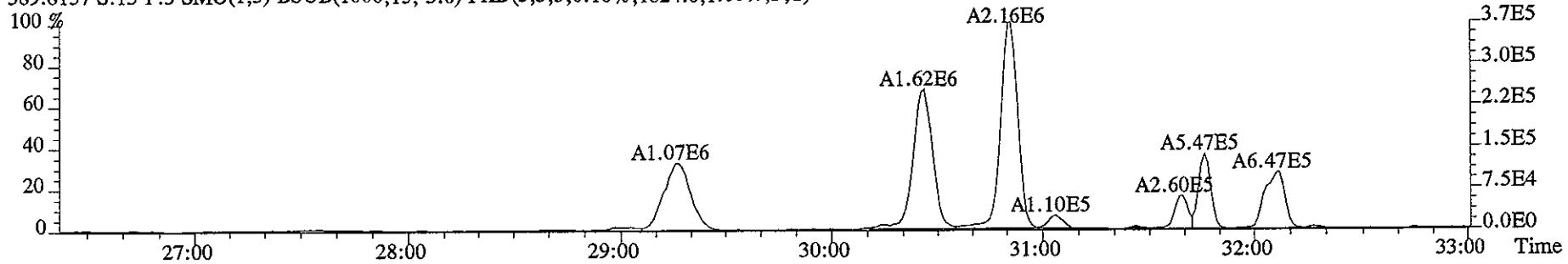
375.8178 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4096.0,1.00%,F,T)

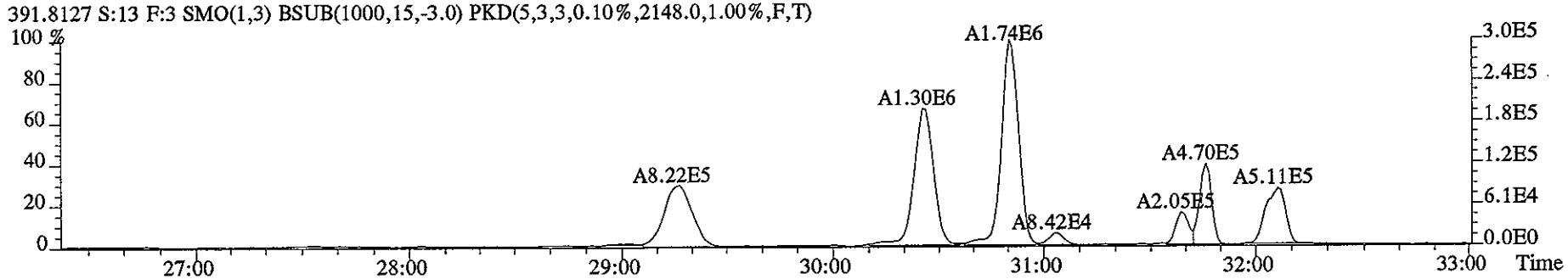


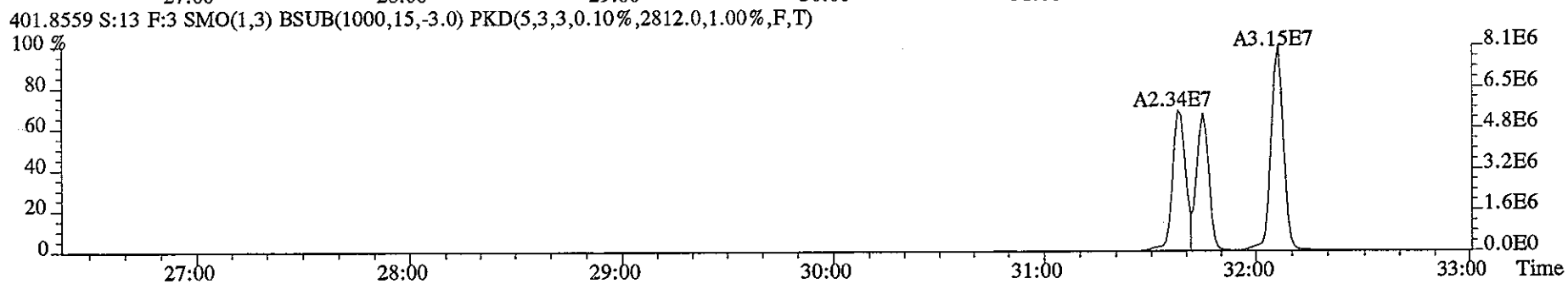
385.8610 S:13 F:3

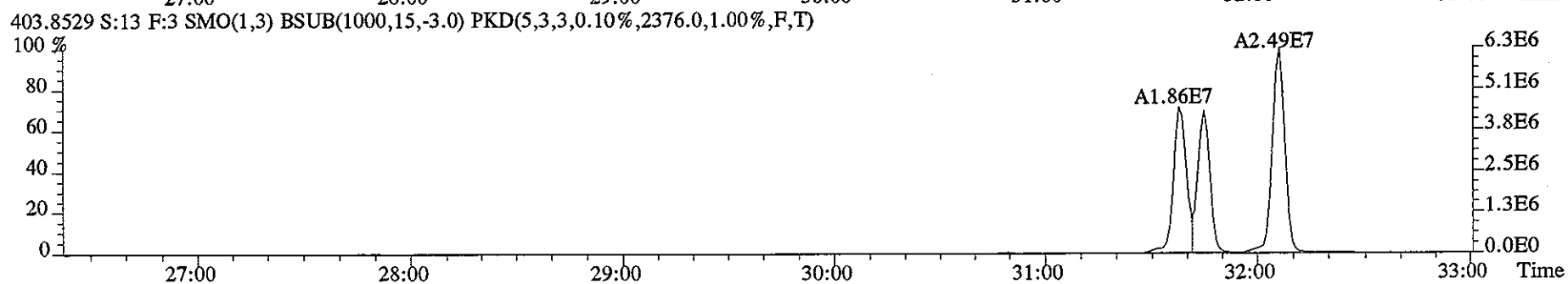


File:09JA068D5 #1-447 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN







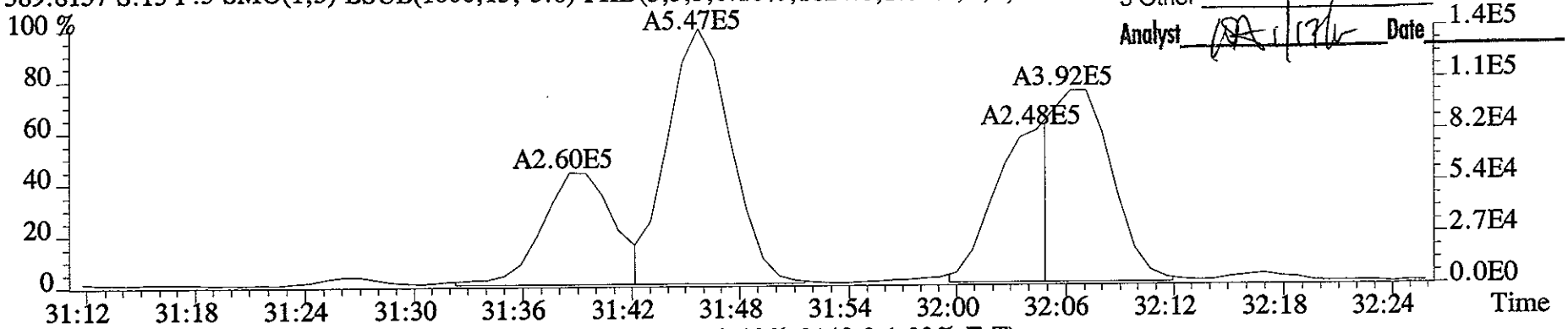


MANUAL EDIT CODES

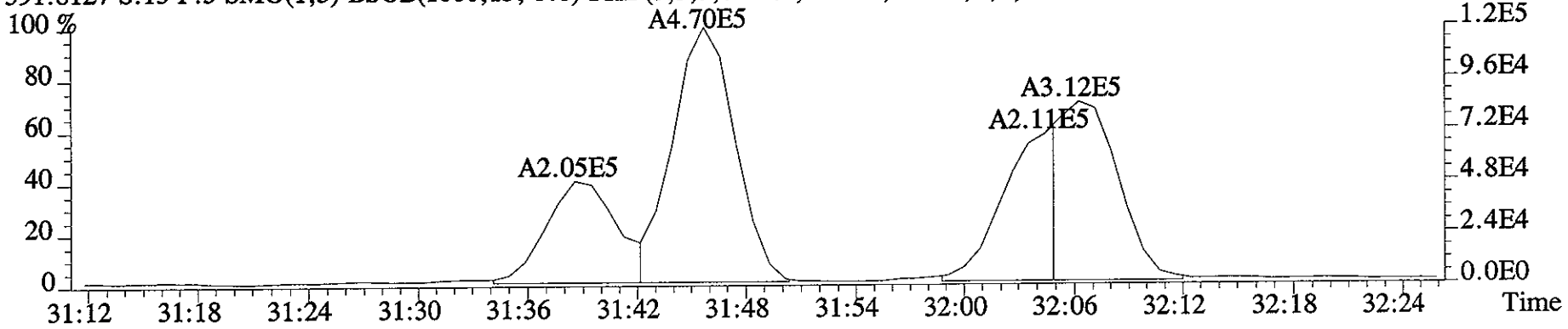
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other

Analyst _____ Date _____

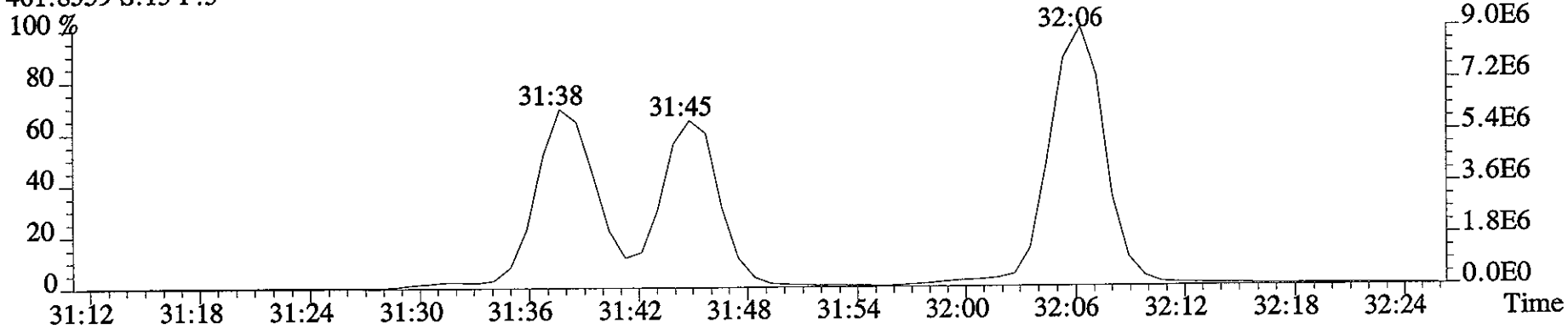
File:09JA068D5 #1-447 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN
389.8157 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1824.0,1.00%,F,T)



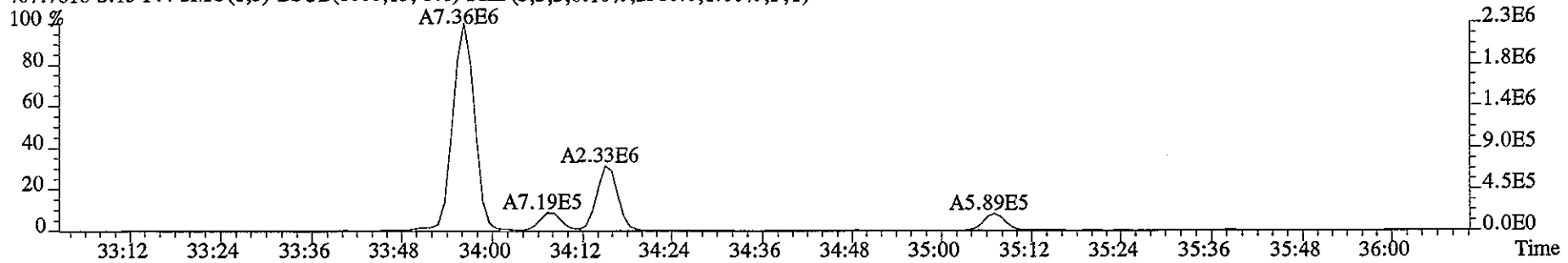
391.8127 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2148.0,1.00%,F,T)

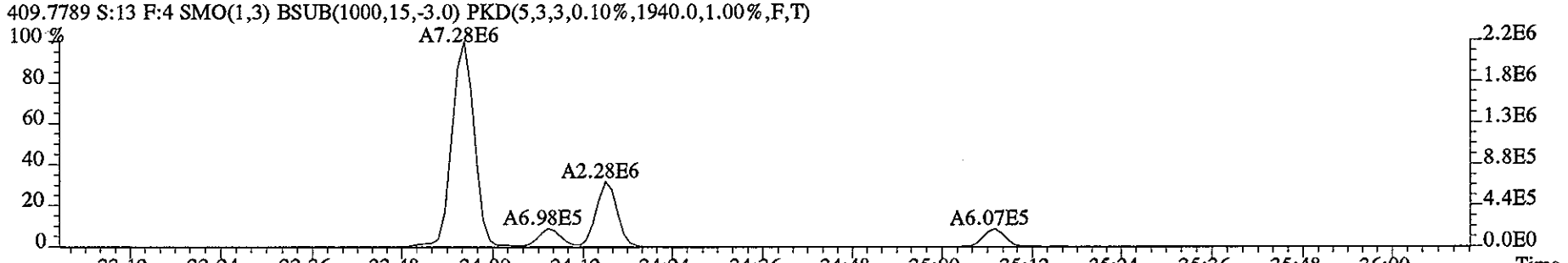


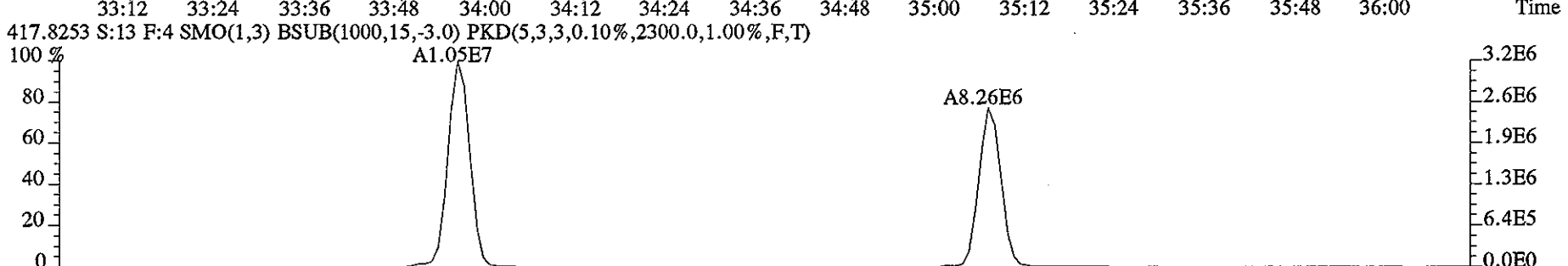
401.8559 S:13 F:3

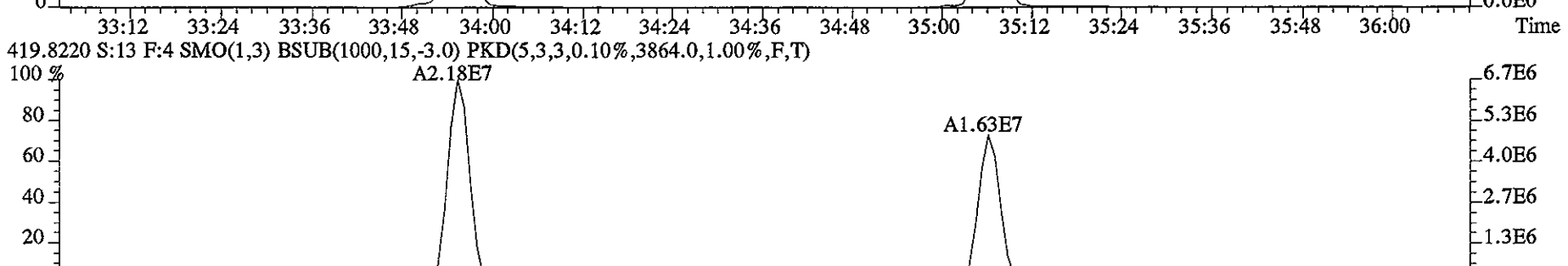


File:09JA068D5 #1-221 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN



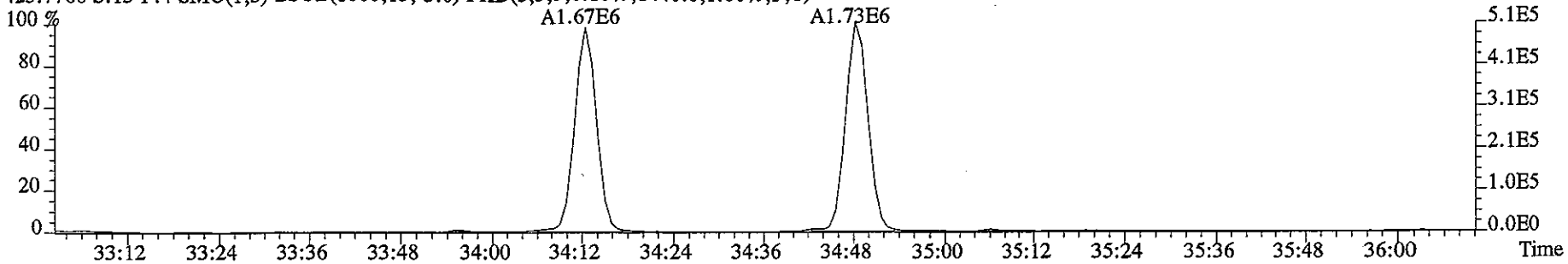




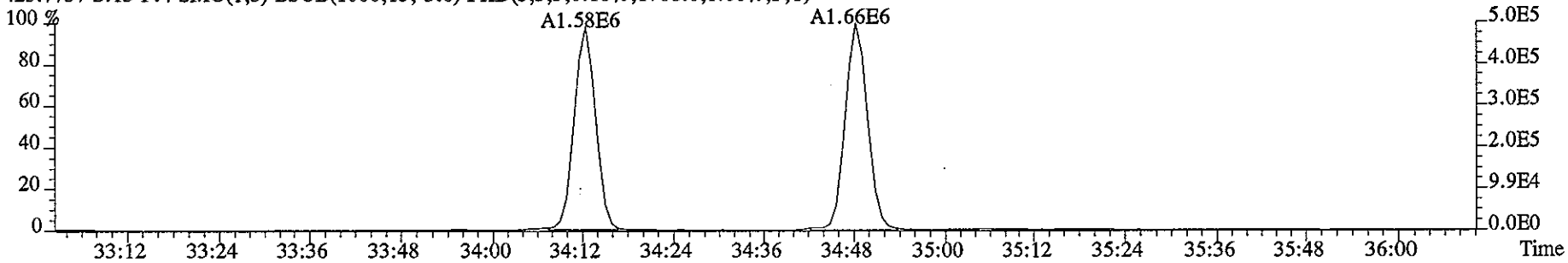


File:09JA068D5 #1-221 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

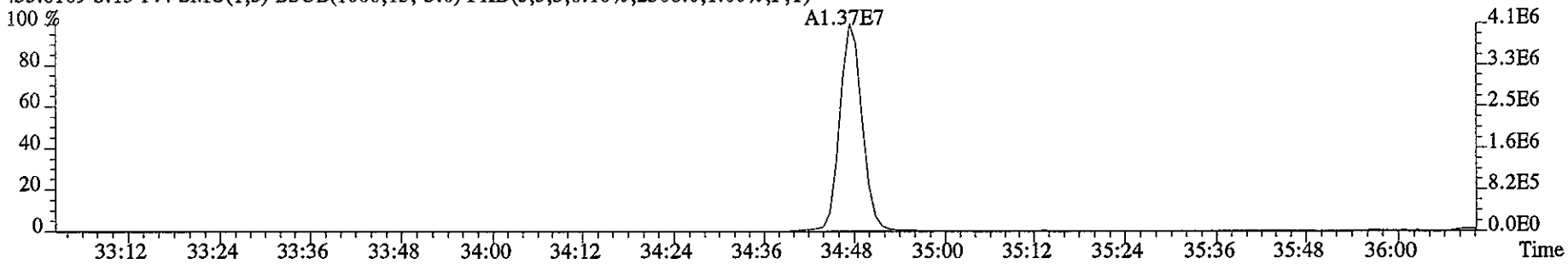
423.7766 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1440.0,1.00%,F,T)



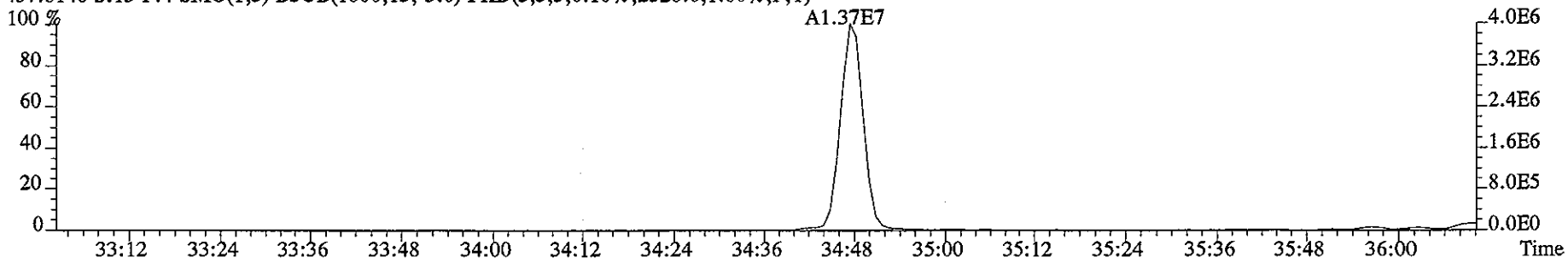
425.7737 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1708.0,1.00%,F,T)



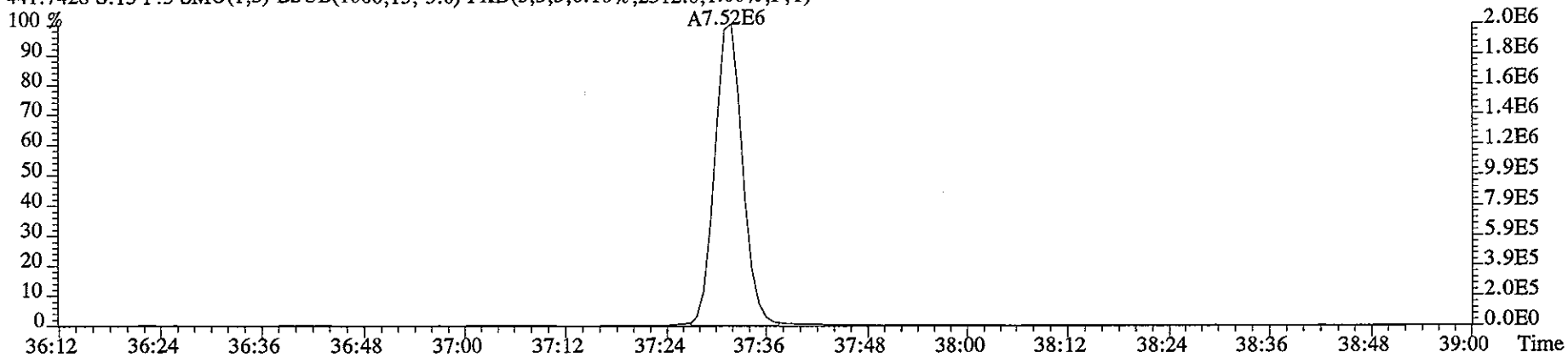
435.8169 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2308.0,1.00%,F,T)



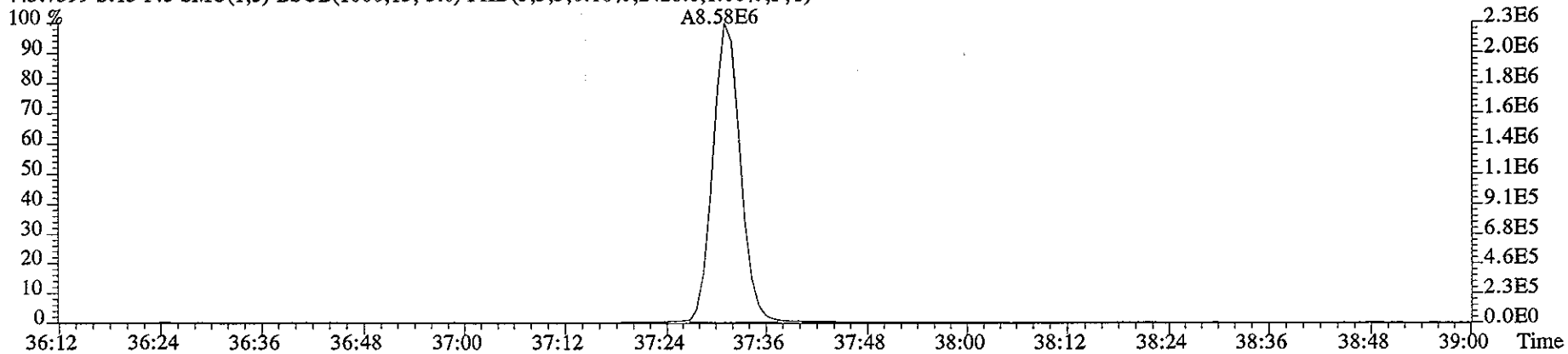
437.8140 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2520.0,1.00%,F,T)



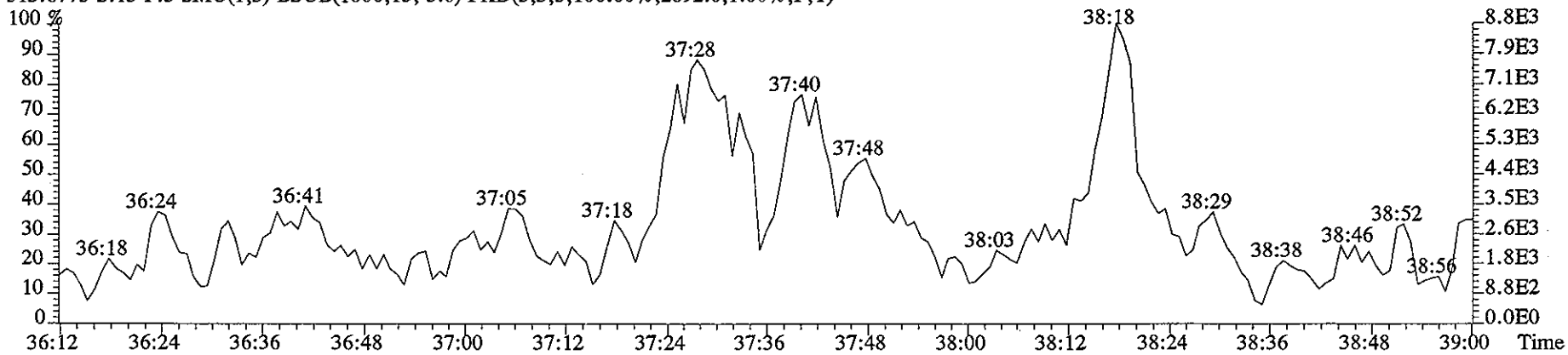
File:09JA068D5 #1-203 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN
441.7428 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2312.0,1.00%,F,T)



443.7399 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2428.0,1.00%,F,T)

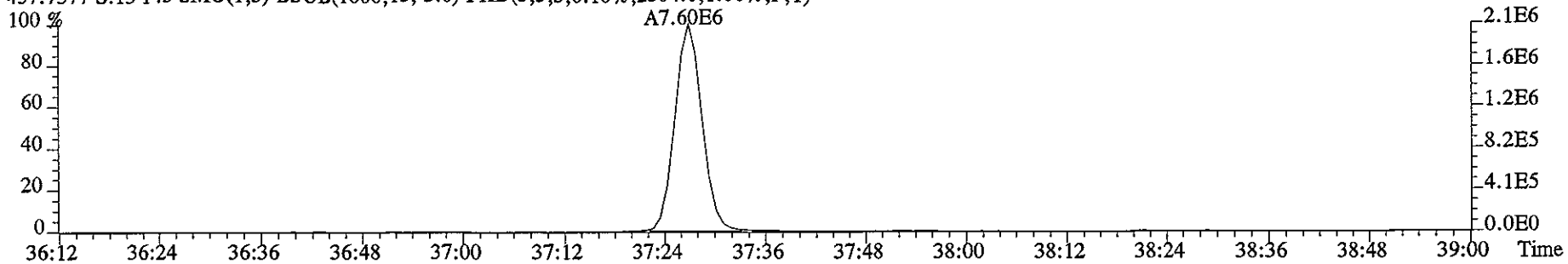


513.6775 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2892.0,1.00%,F,T)

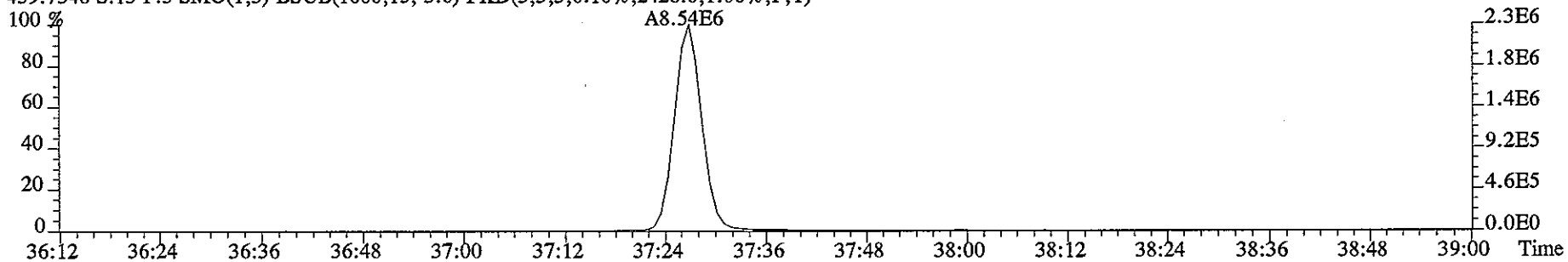


File:09JA068D5 #1-203 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

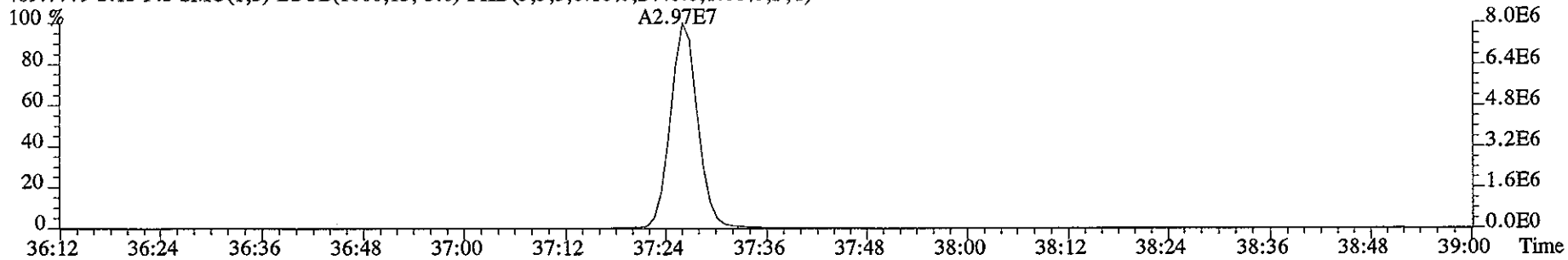
457.7377 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2504.0,1.00%,F,T)



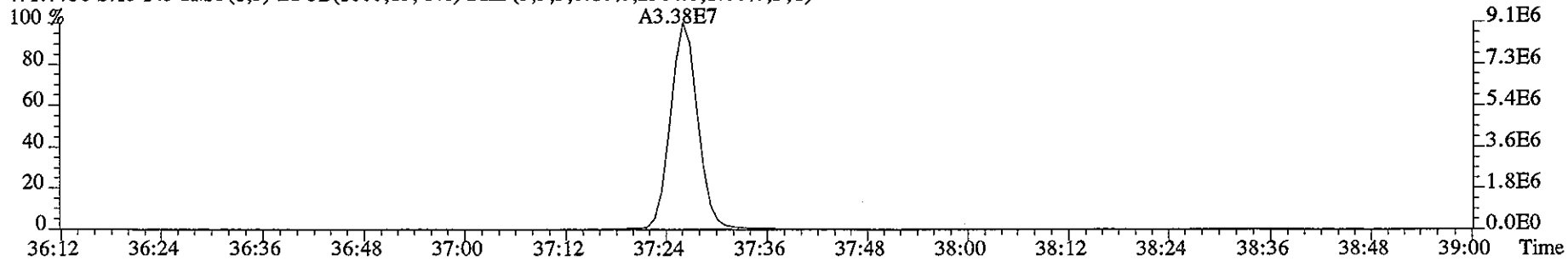
459.7348 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2428.0,1.00%,F,T)



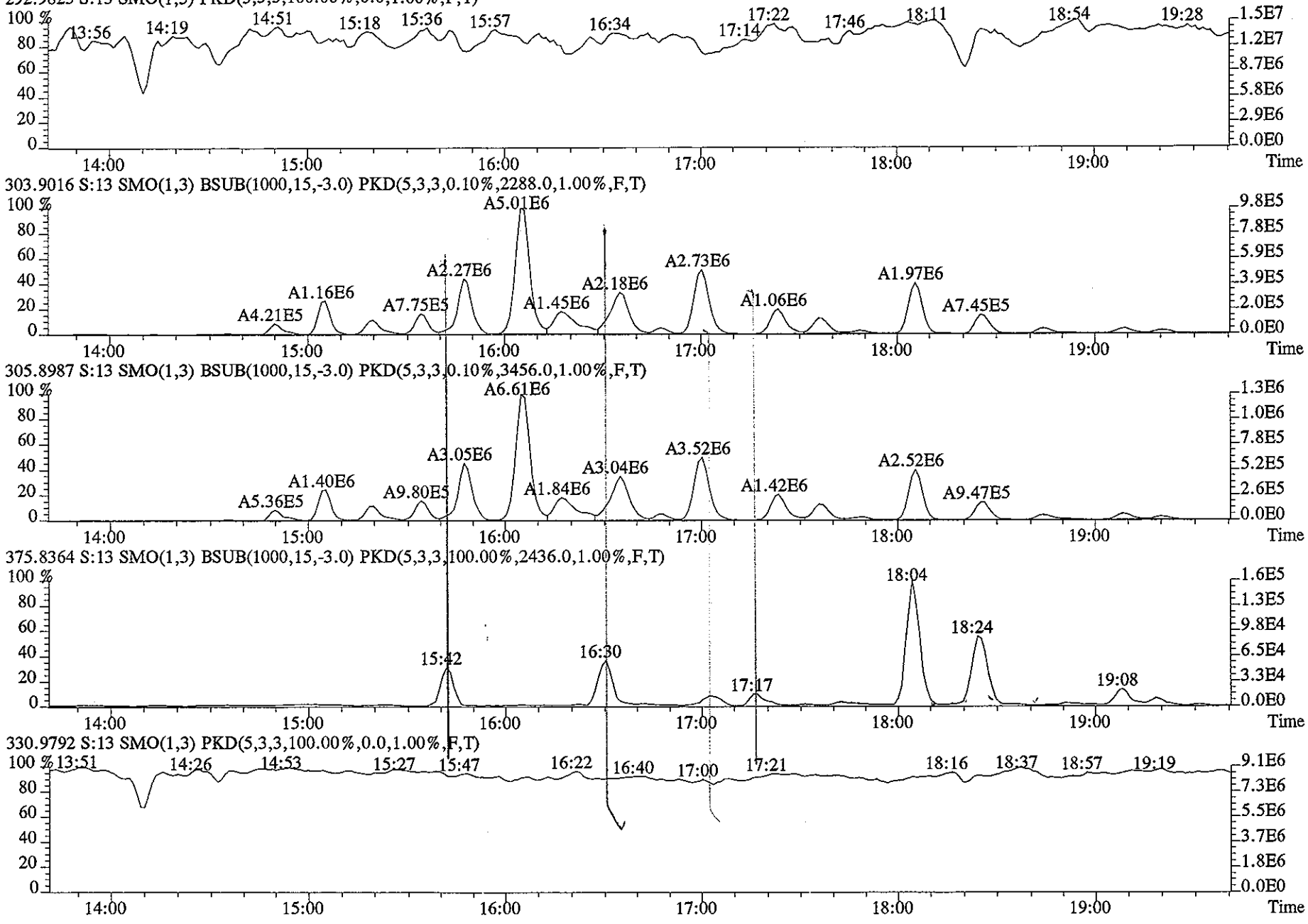
469.7779 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2440.0,1.00%,F,T)



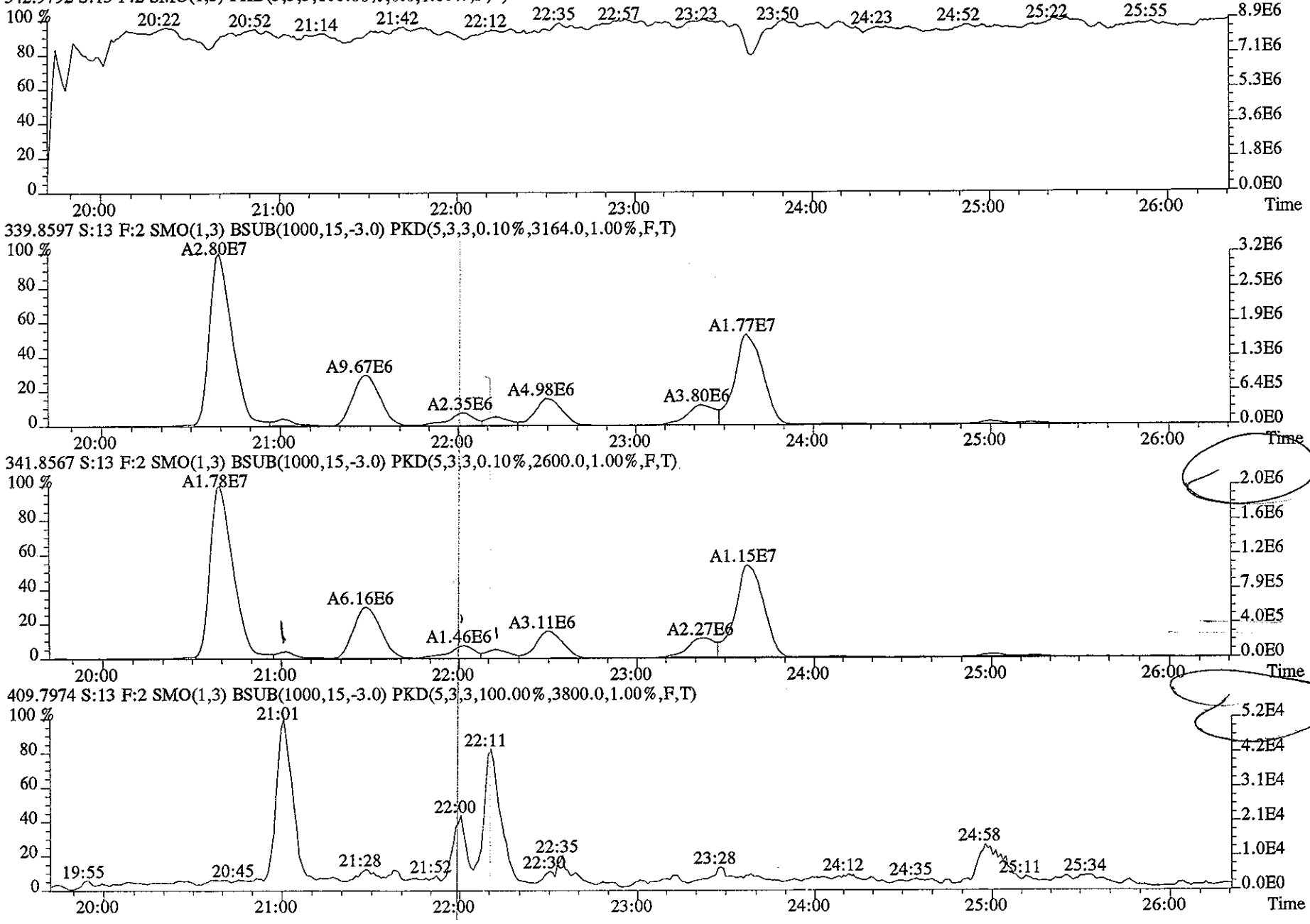
471.7750 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2364.0,1.00%,F,T)



File:09JA068D5 #1-326 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

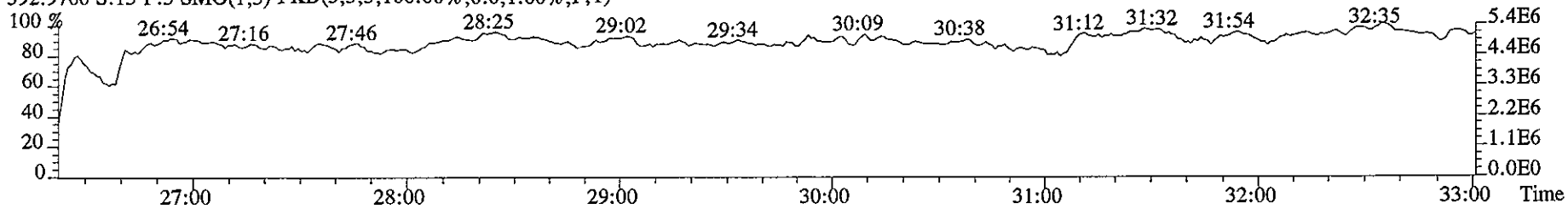


File:09JA068D5 #1-468 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

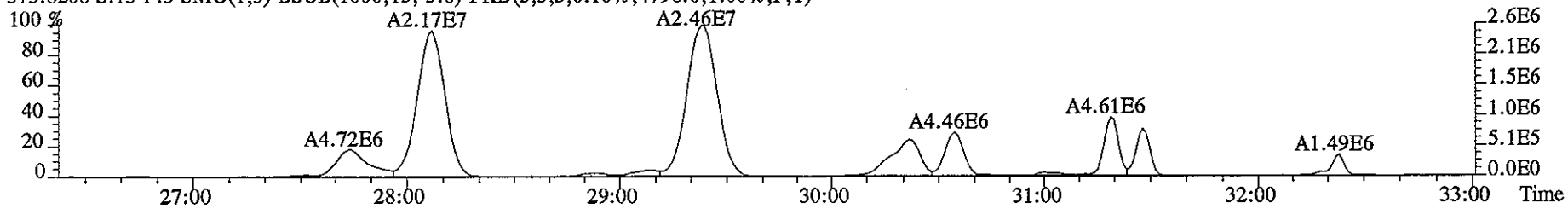


File:09JA068D5 #1-447 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

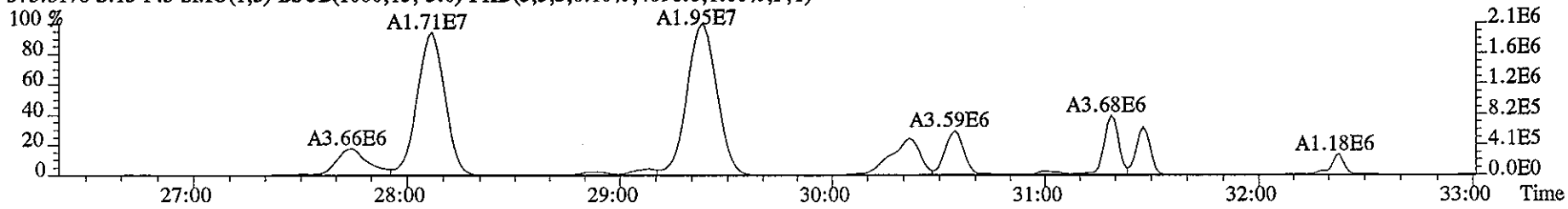
392.9760 S:13 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



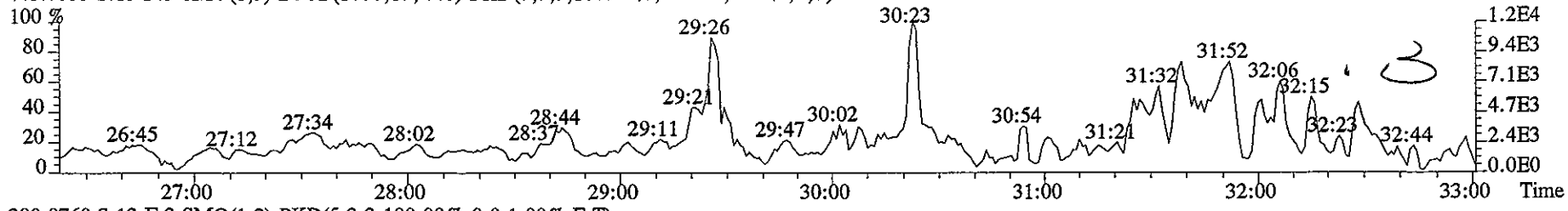
373.8208 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4796.0,1.00%,F,T)



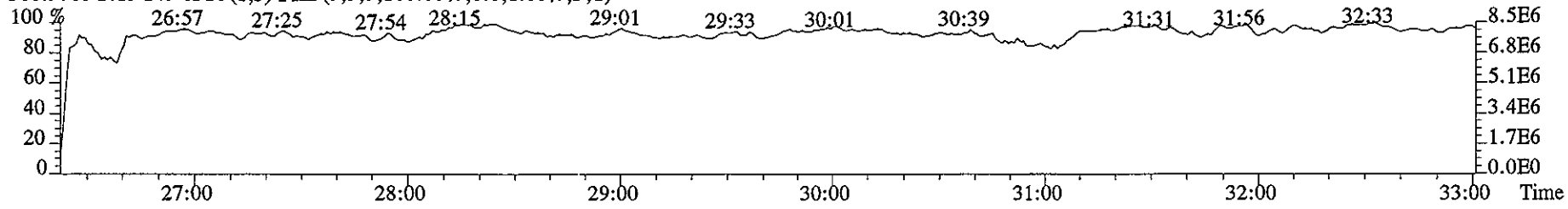
375.8178 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4096.0,1.00%,F,T)



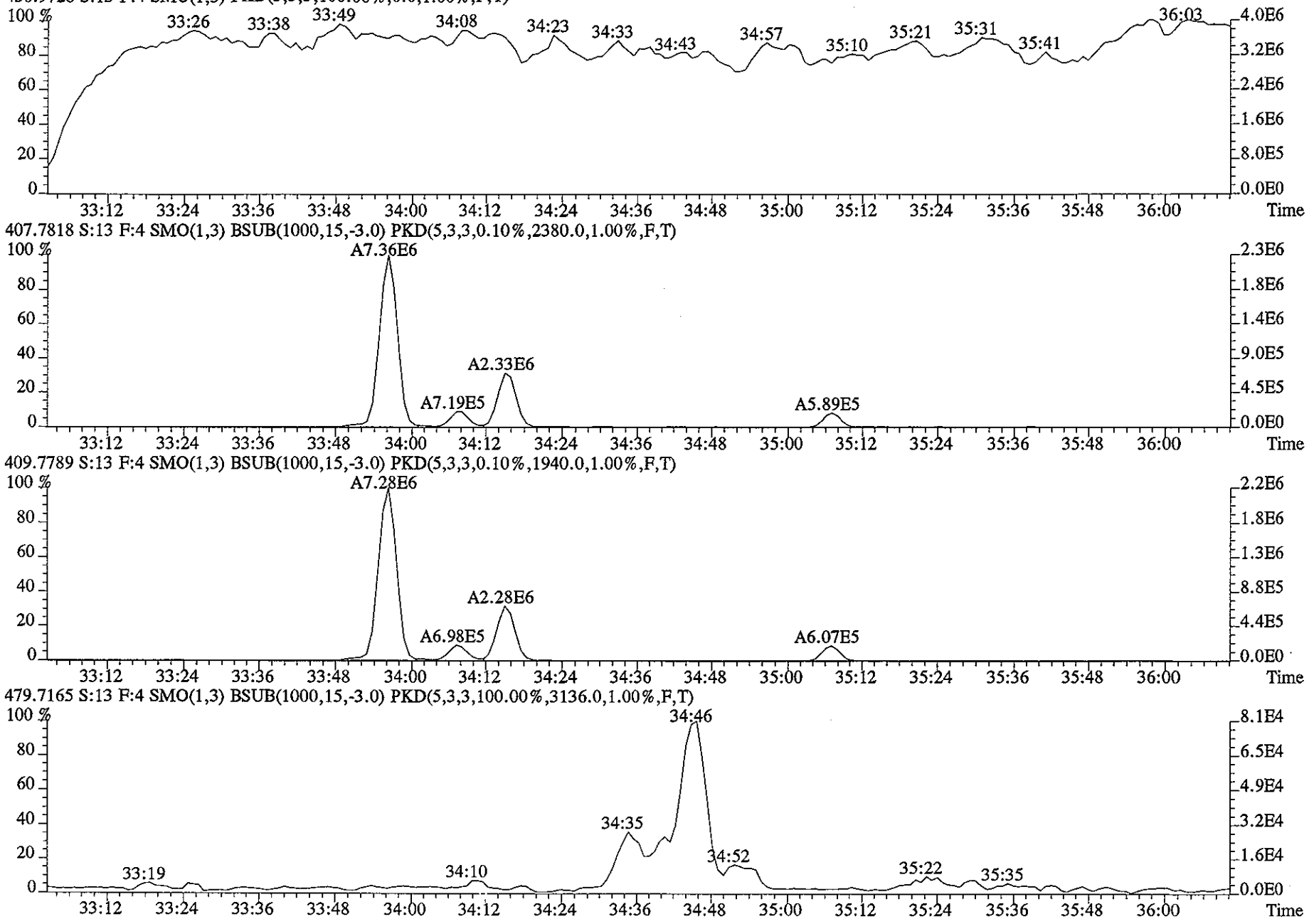
445.7555 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2284.0,1.00%,F,T)



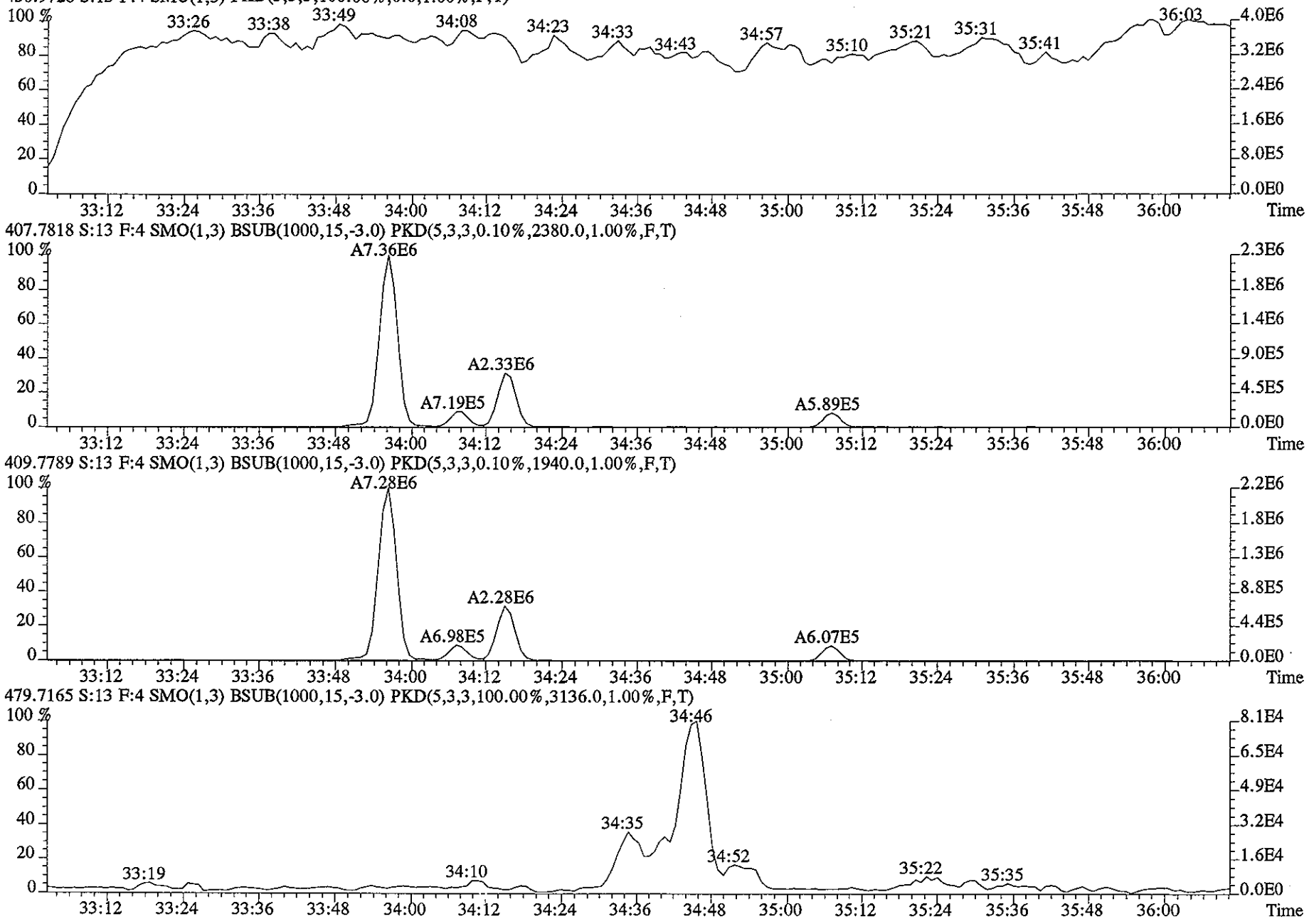
380.9760 S:13 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



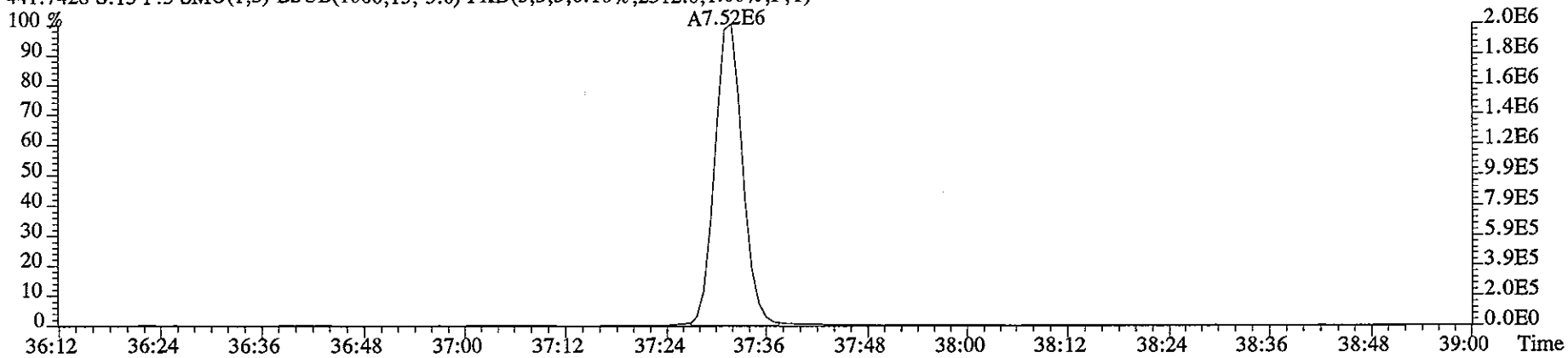
File:09JA068D5 #1-221 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN



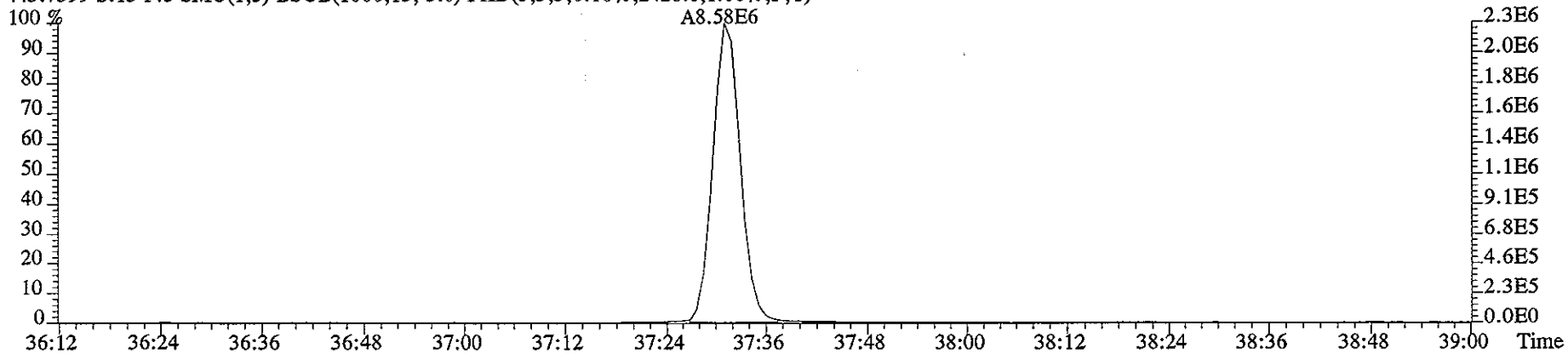
File:09JA068D5 #1-221 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN



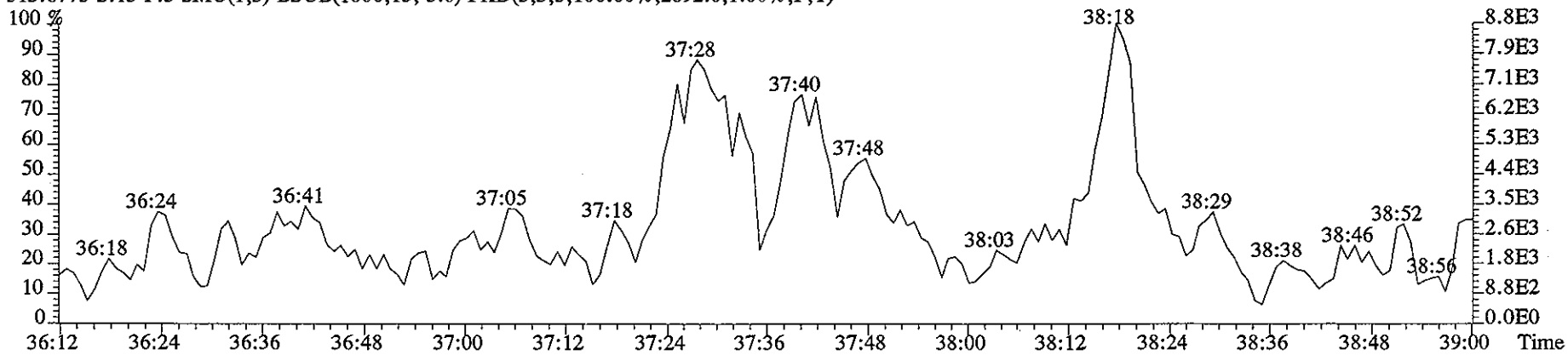
File:09JA068D5 #1-203 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN
441.7428 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2312.0,1.00%,F,T)



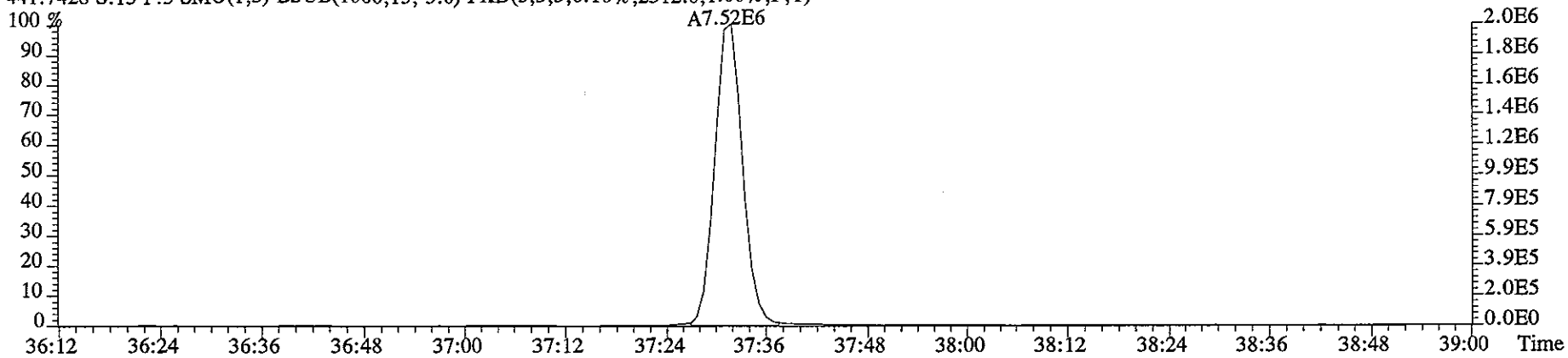
443.7399 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2428.0,1.00%,F,T)



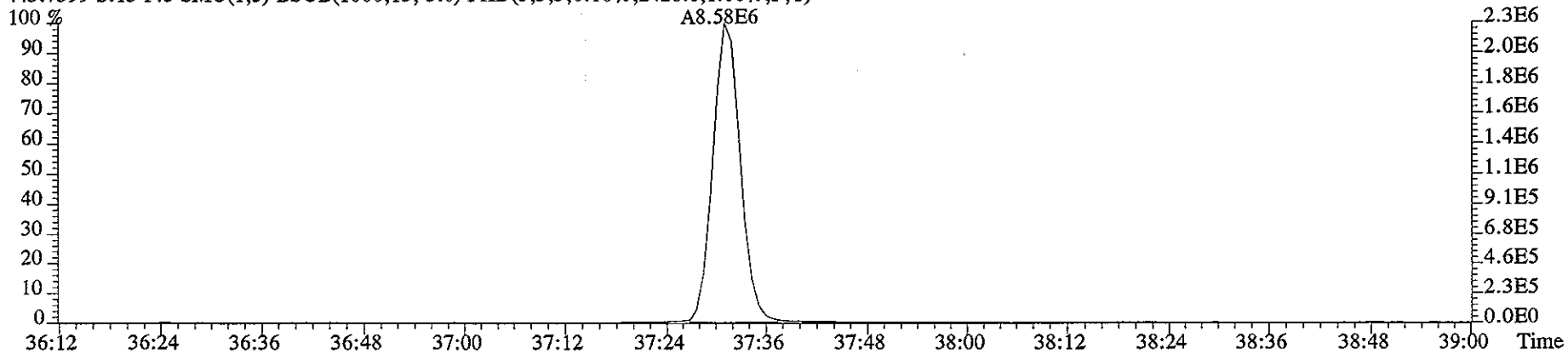
513.6775 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2892.0,1.00%,F,T)



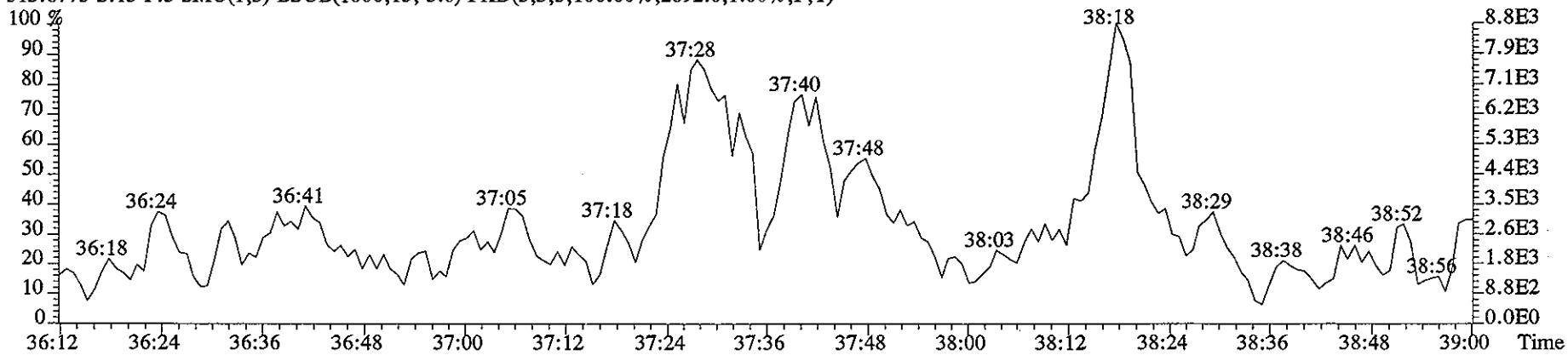
File:09JA068D5 #1-203 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN
441.7428 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2312.0,1.00%,F,T)



443.7399 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2428.0,1.00%,F,T)

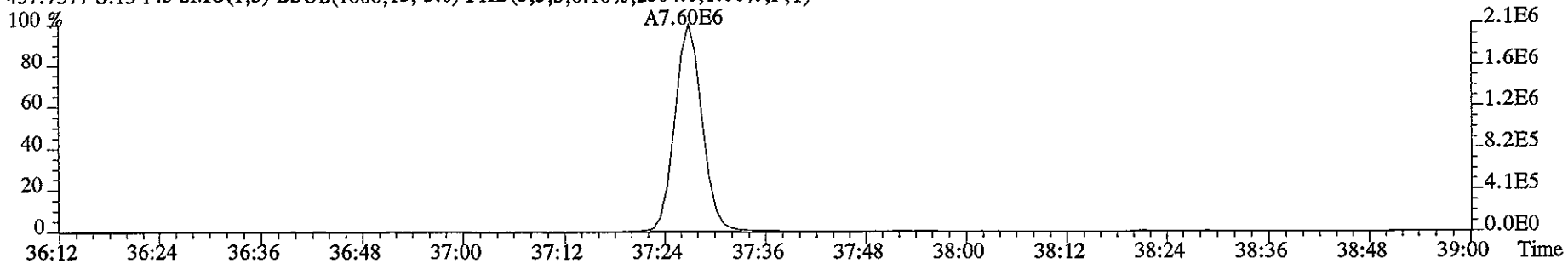


513.6775 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2892.0,1.00%,F,T)

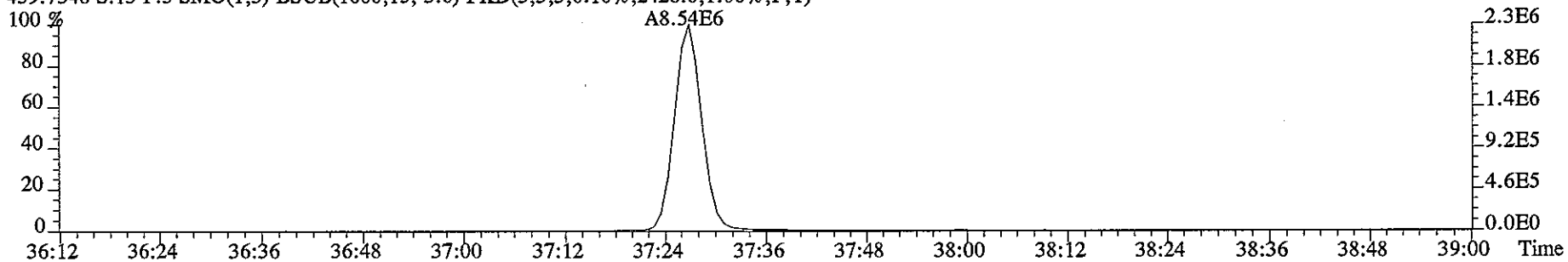


File:09JA068D5 #1-203 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

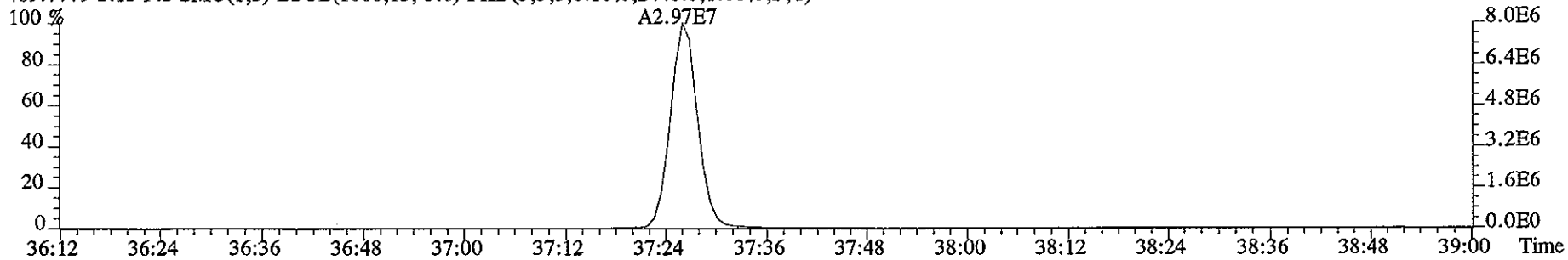
457.7377 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2504.0,1.00%,F,T)



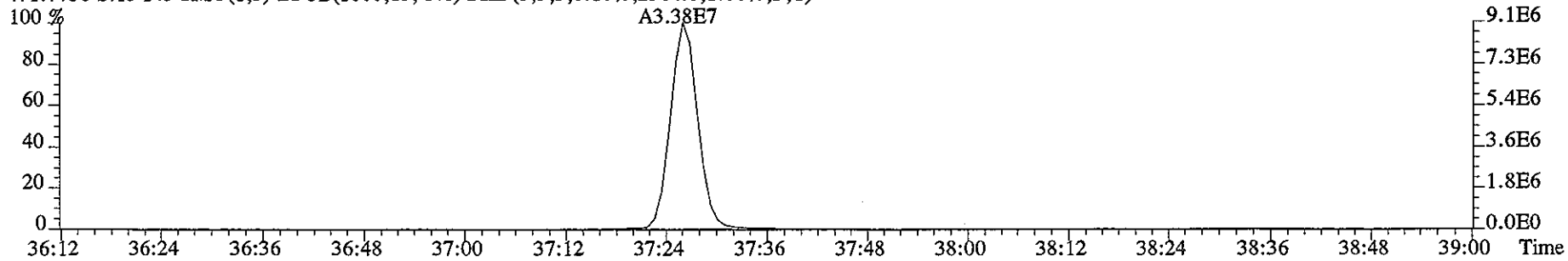
459.7348 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2428.0,1.00%,F,T)



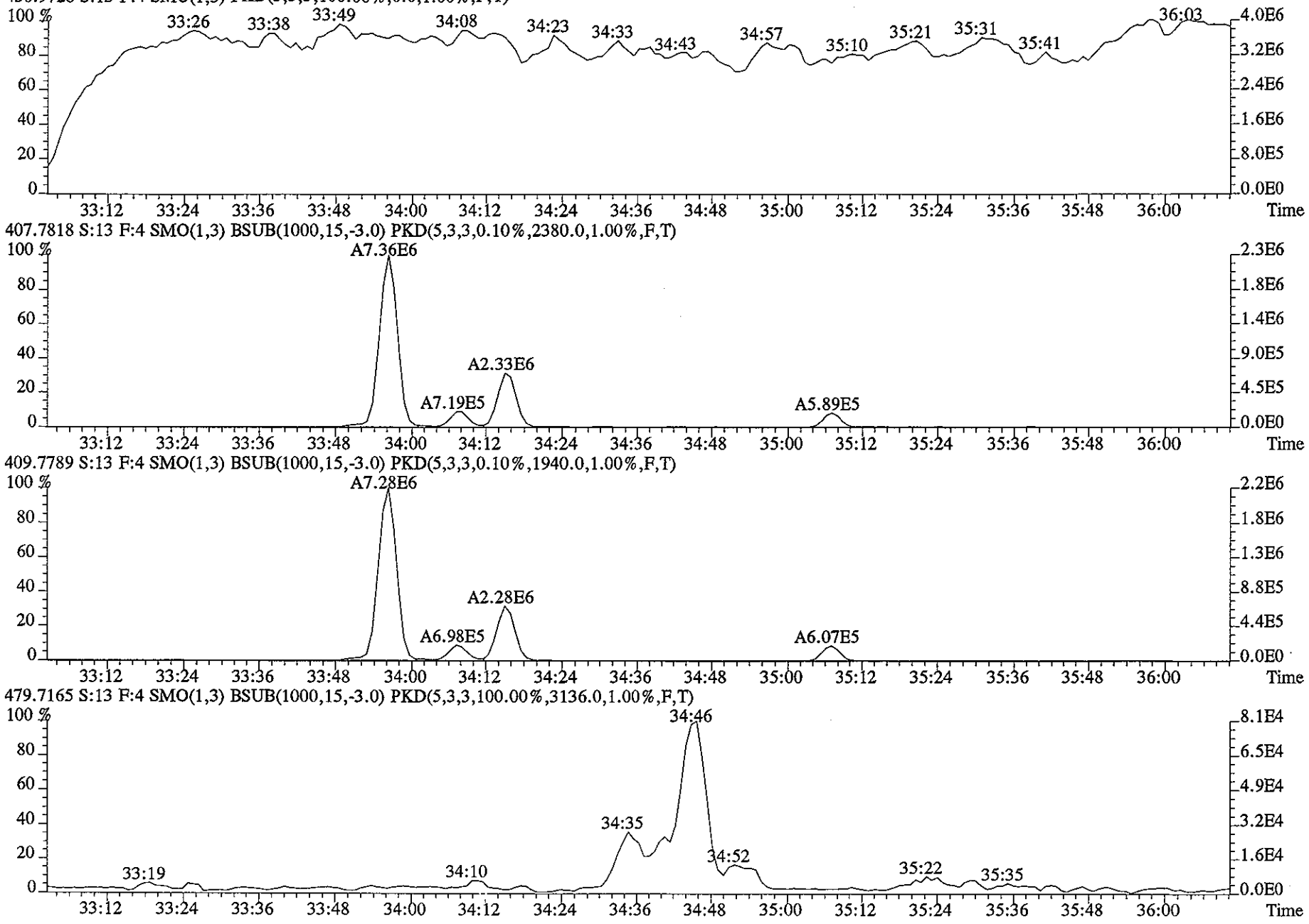
469.7779 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2440.0,1.00%,F,T)



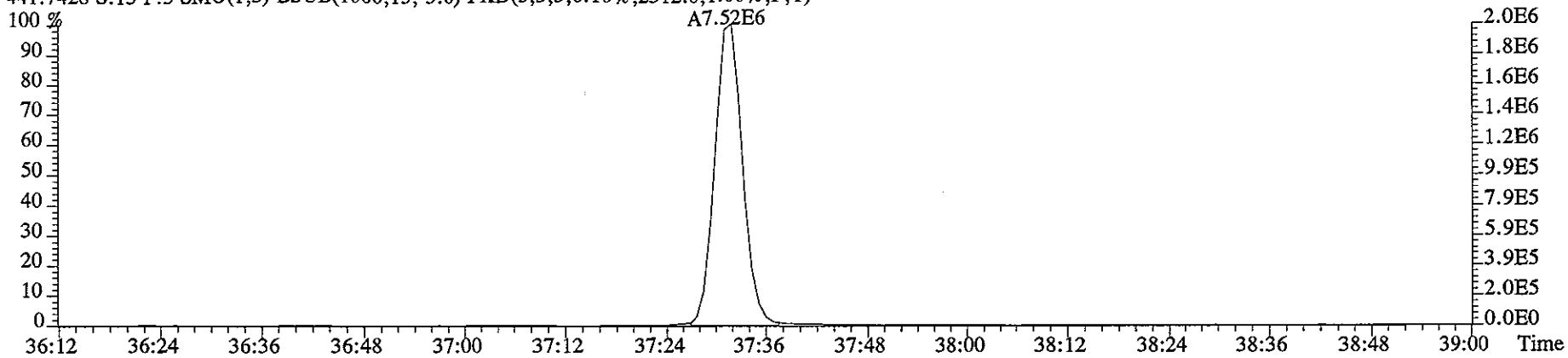
471.7750 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2364.0,1.00%,F,T)



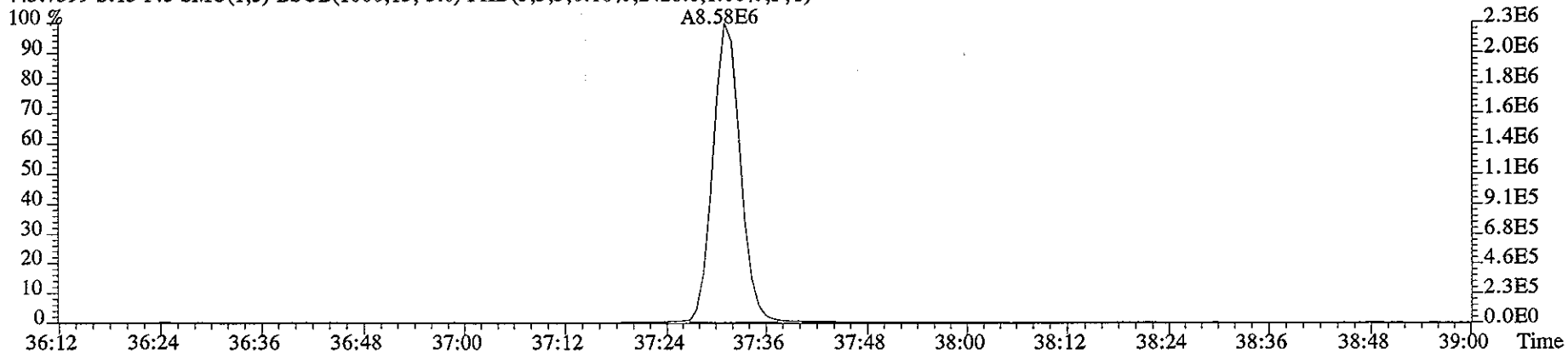
File:09JA068D5 #1-221 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN



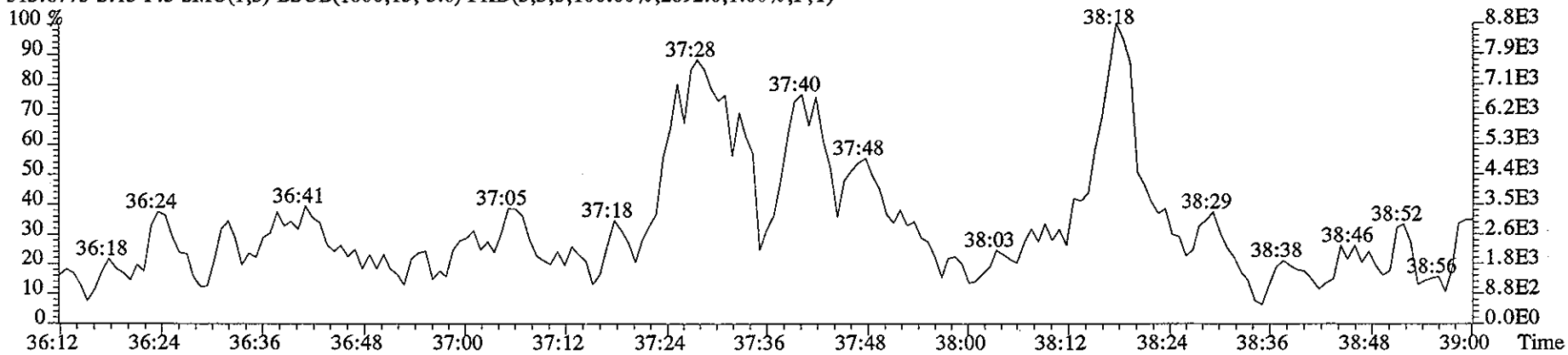
File:09JA068D5 #1-203 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN
441.7428 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2312.0,1.00%,F,T)



443.7399 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2428.0,1.00%,F,T)

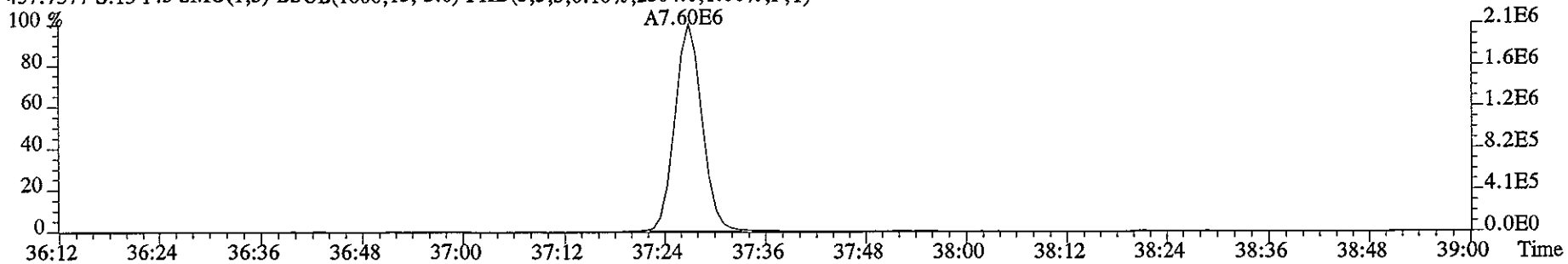


513.6775 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2892.0,1.00%,F,T)

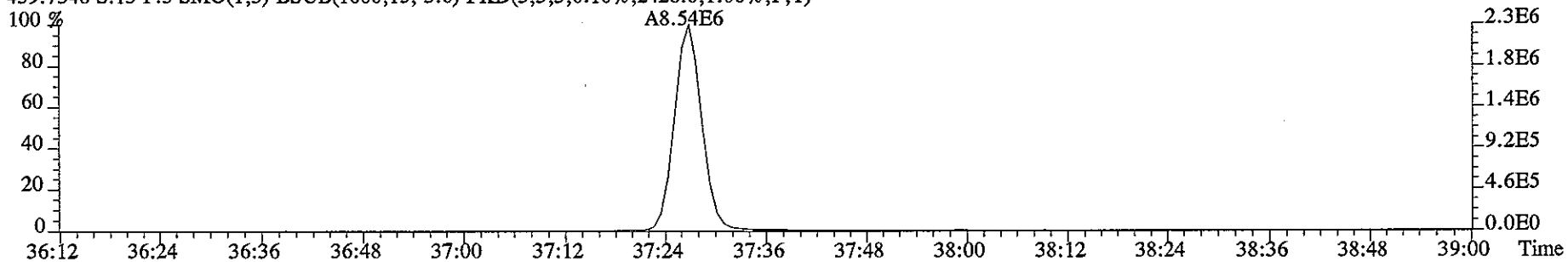


File:09JA068D5 #1-203 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

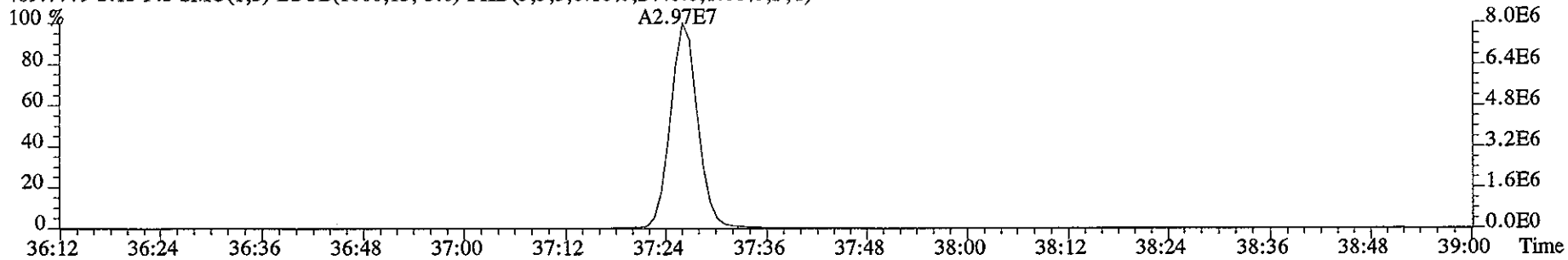
457.7377 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2504.0,1.00%,F,T)



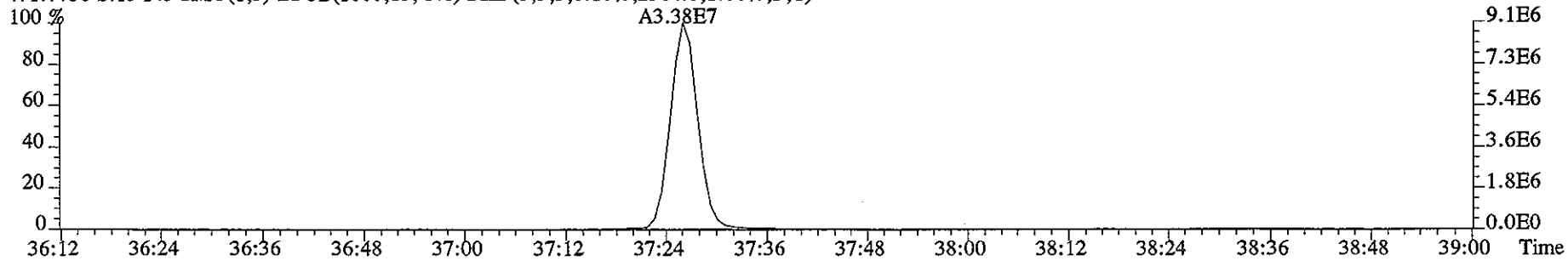
459.7348 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2428.0,1.00%,F,T)



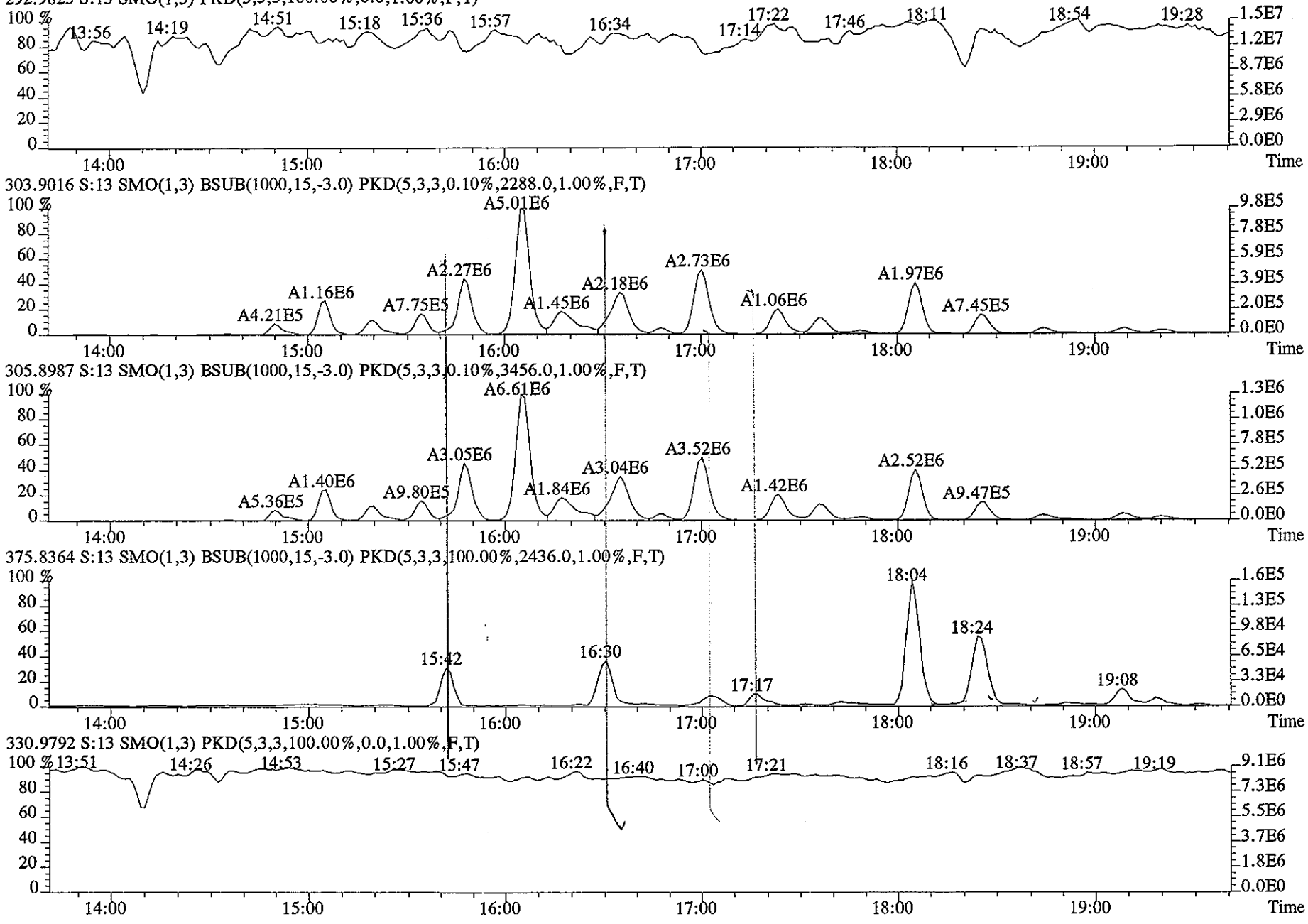
469.7779 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2440.0,1.00%,F,T)



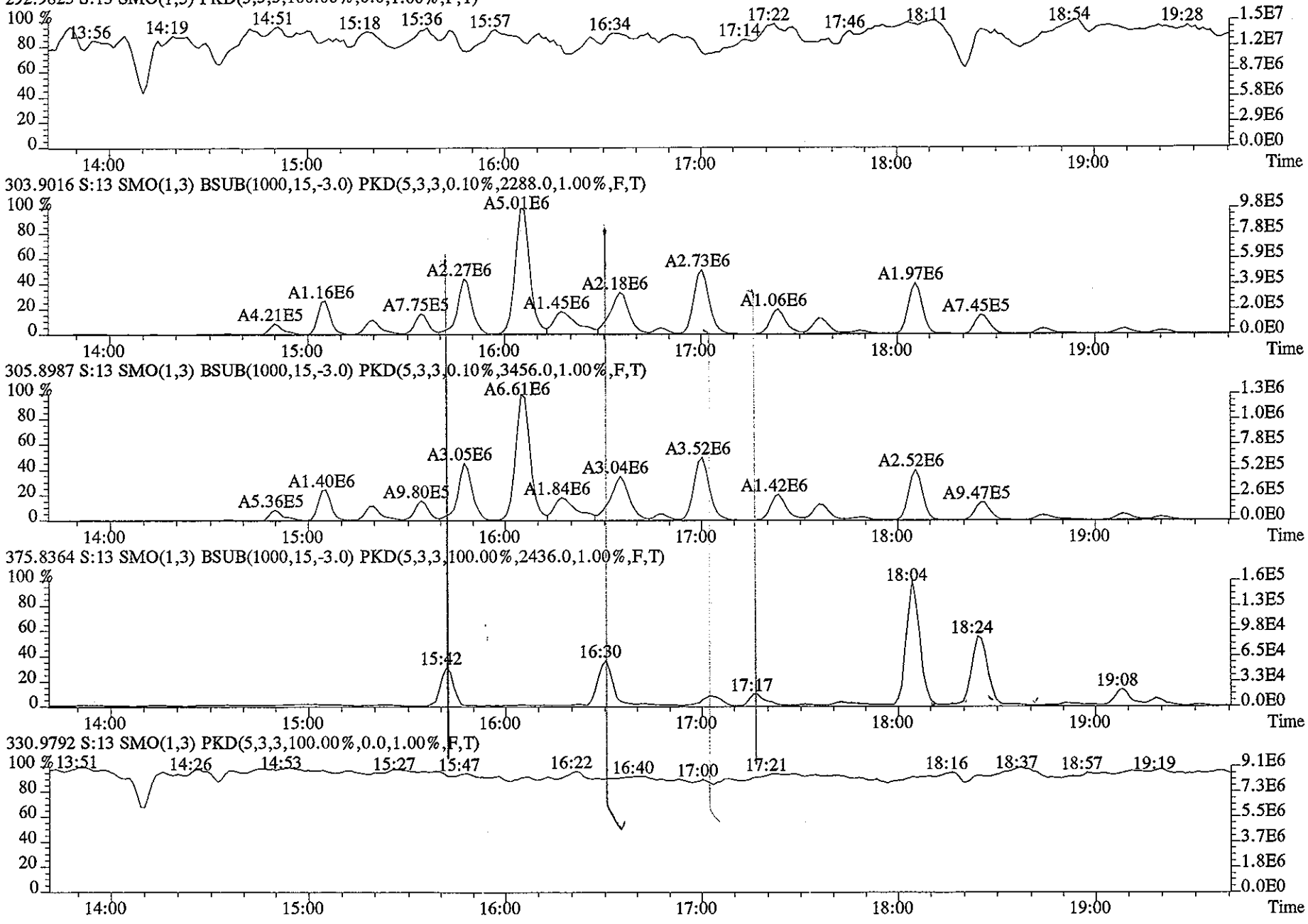
471.7750 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2364.0,1.00%,F,T)



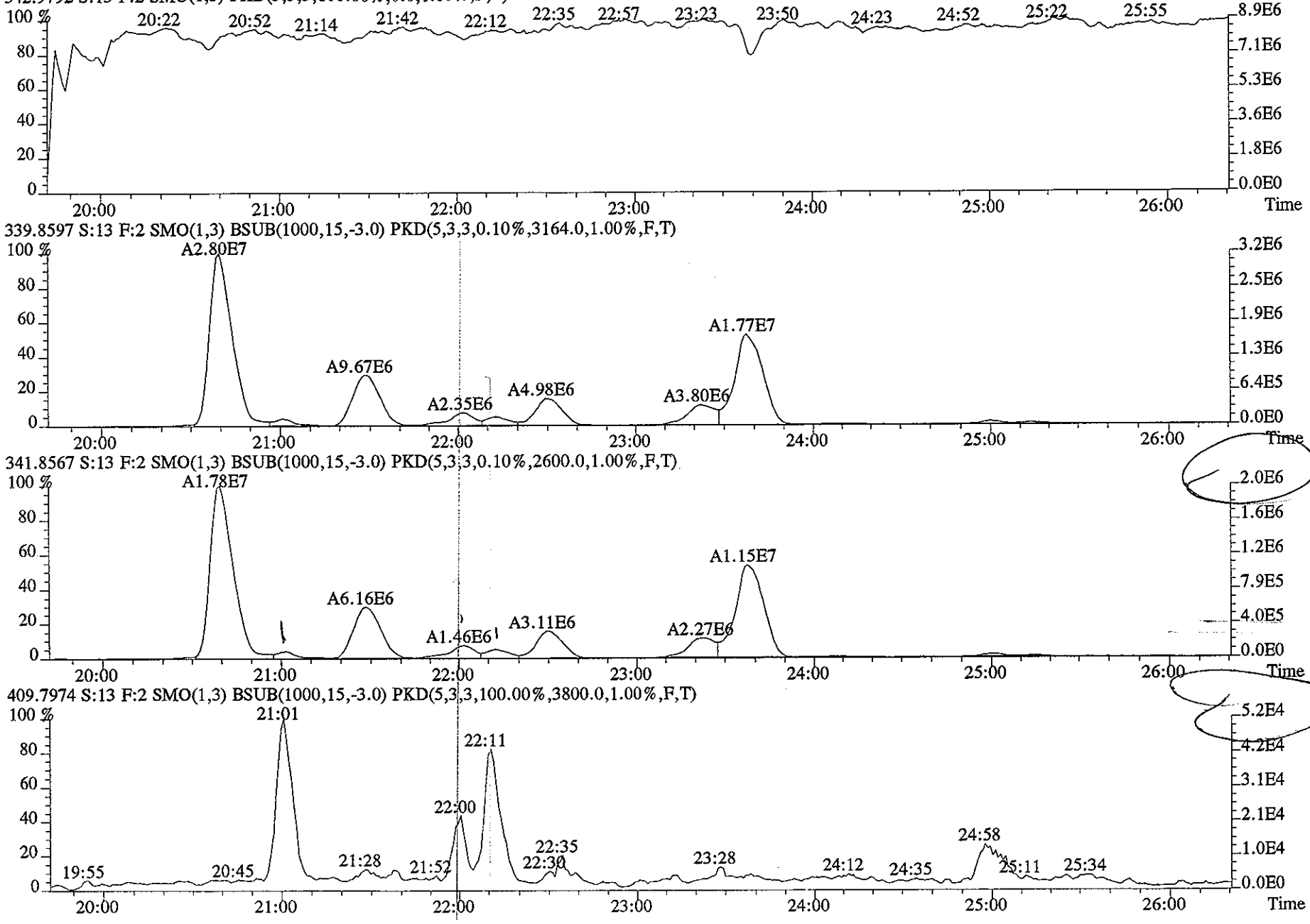
File:09JA068D5 #1-326 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN



File:09JA068D5 #1-326 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

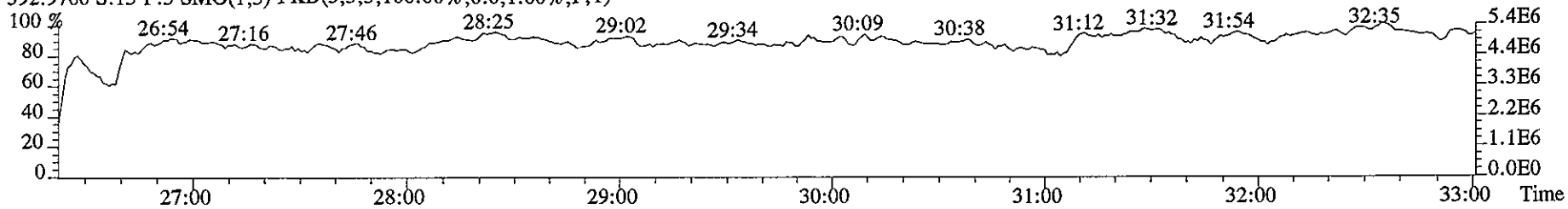


File:09JA068D5 #1-468 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

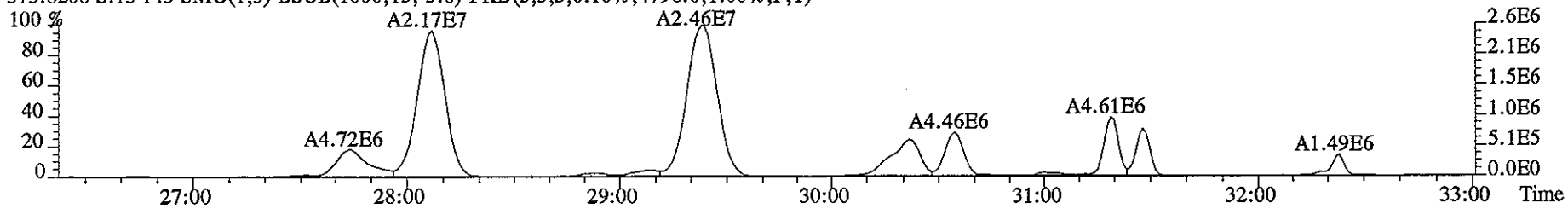


File:09JA068D5 #1-447 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN

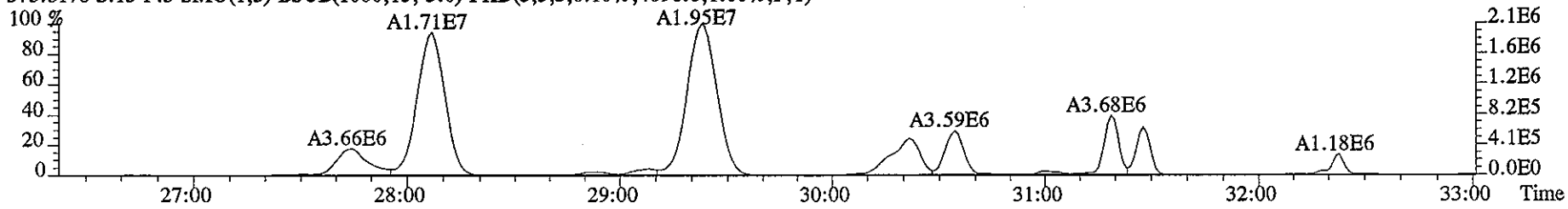
392.9760 S:13 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



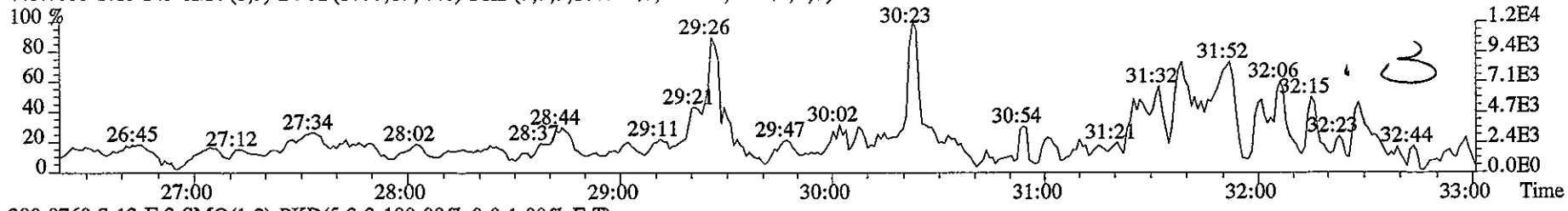
373.8208 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4796.0,1.00%,F,T)



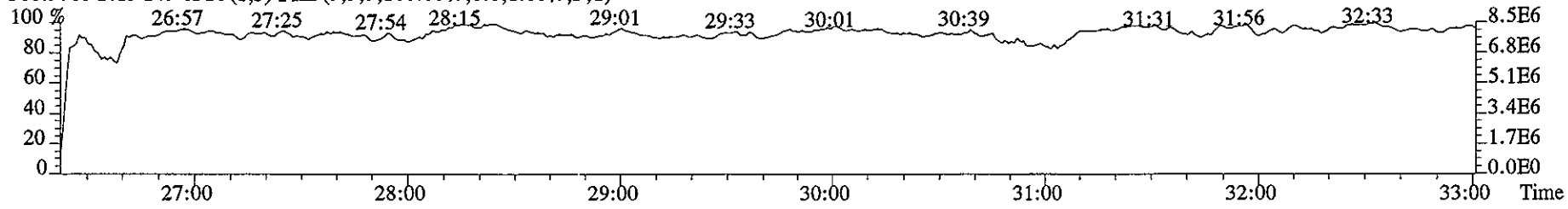
375.8178 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4096.0,1.00%,F,T)



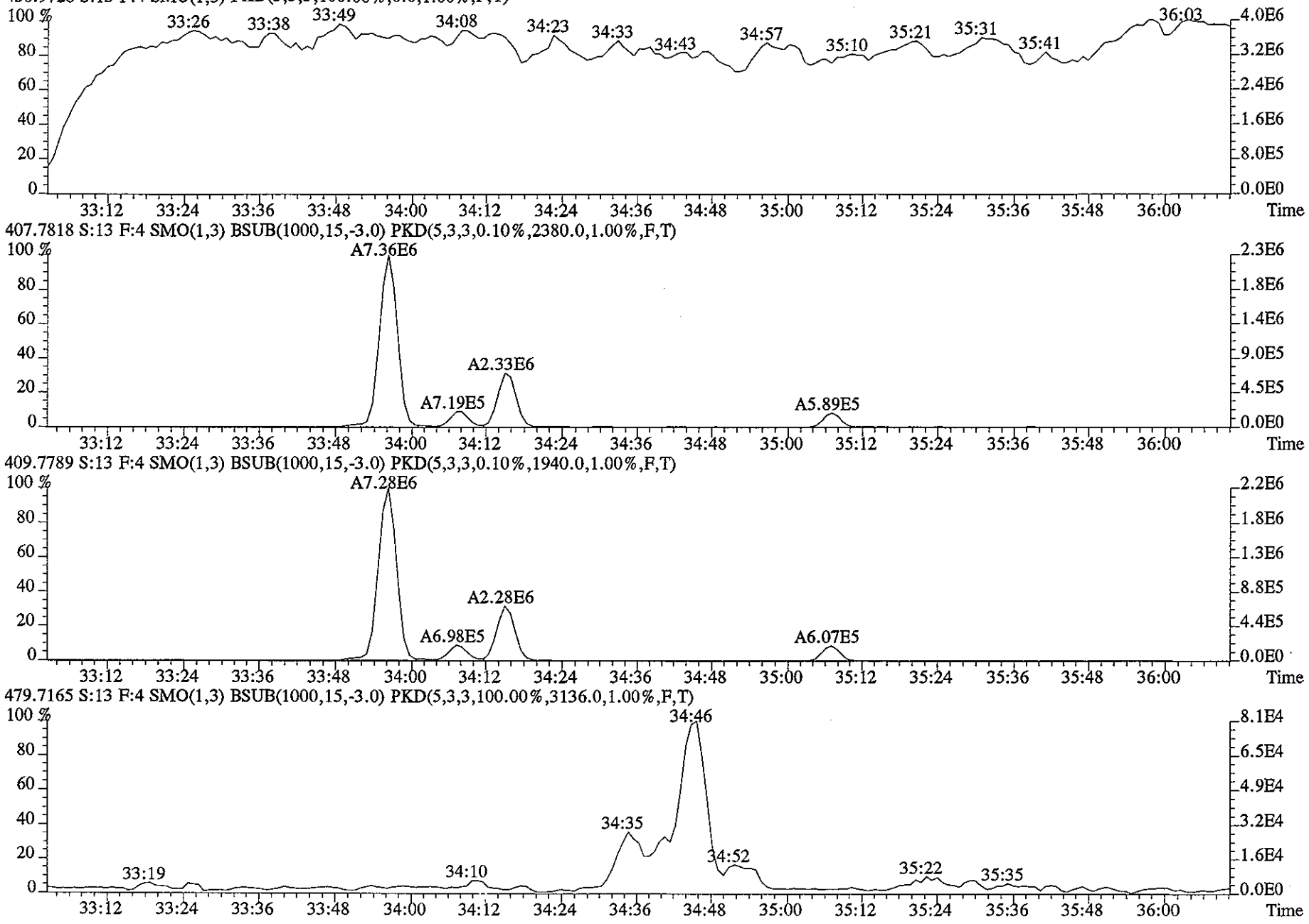
445.7555 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2284.0,1.00%,F,T)



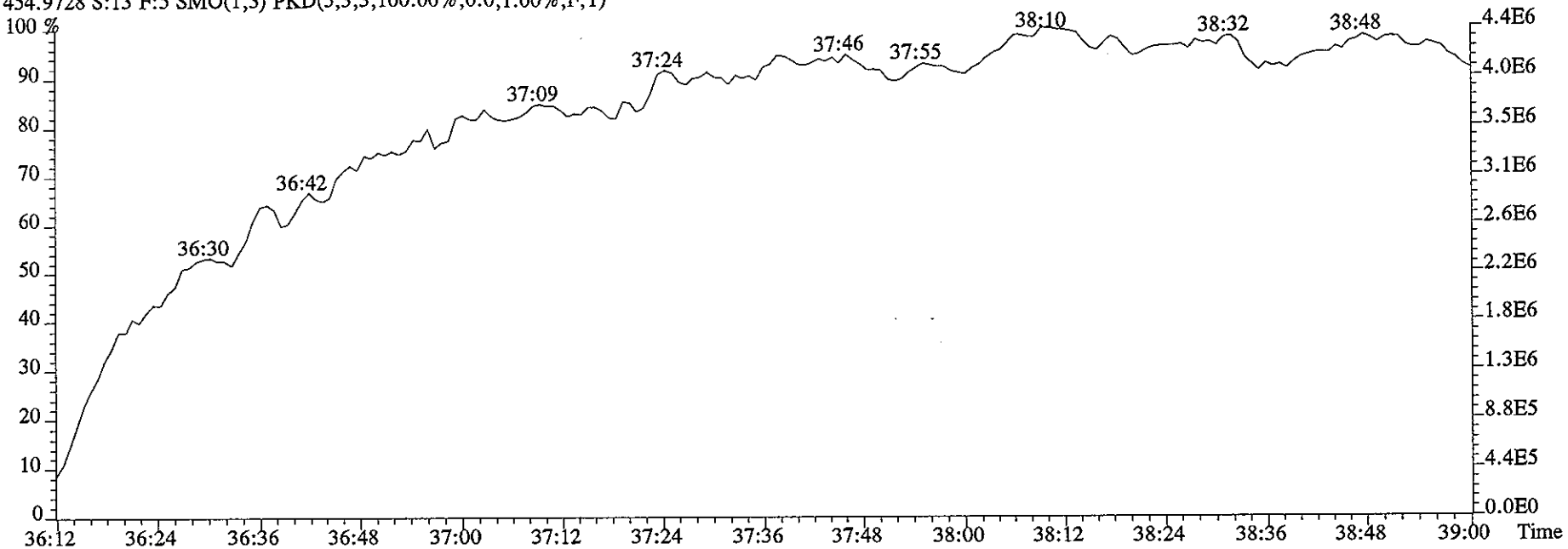
380.9760 S:13 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



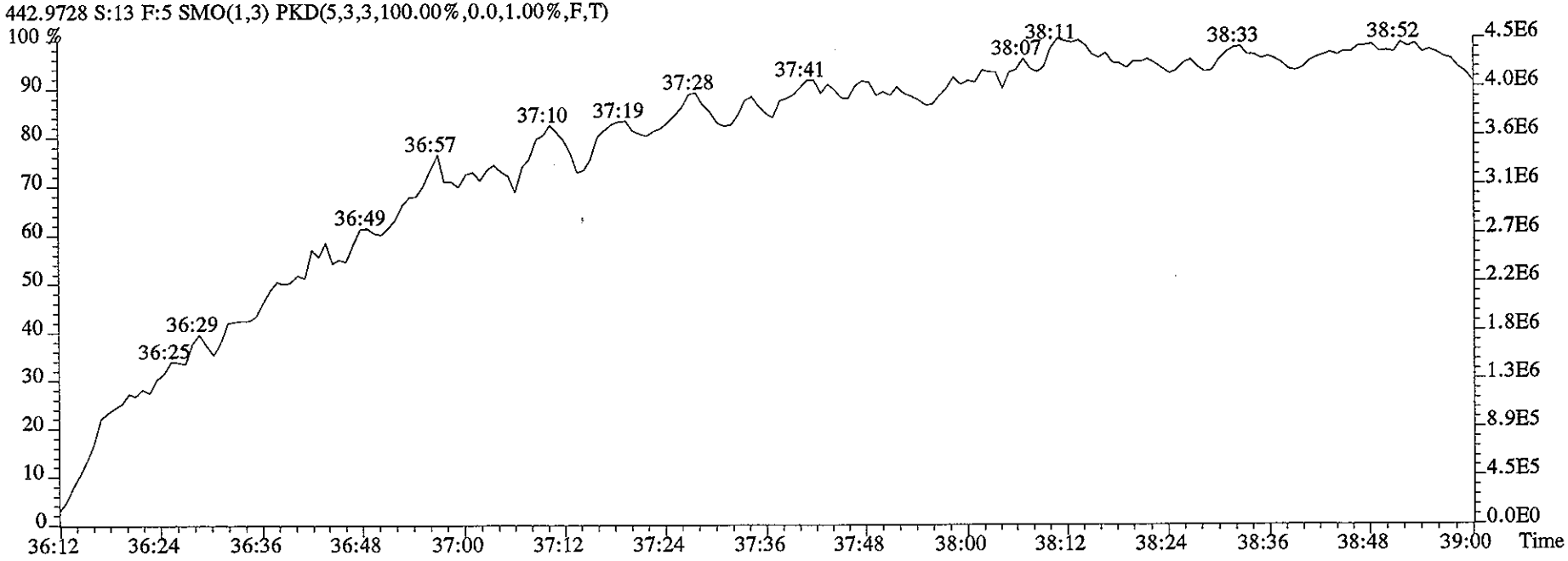
File:09JA068D5 #1-221 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN



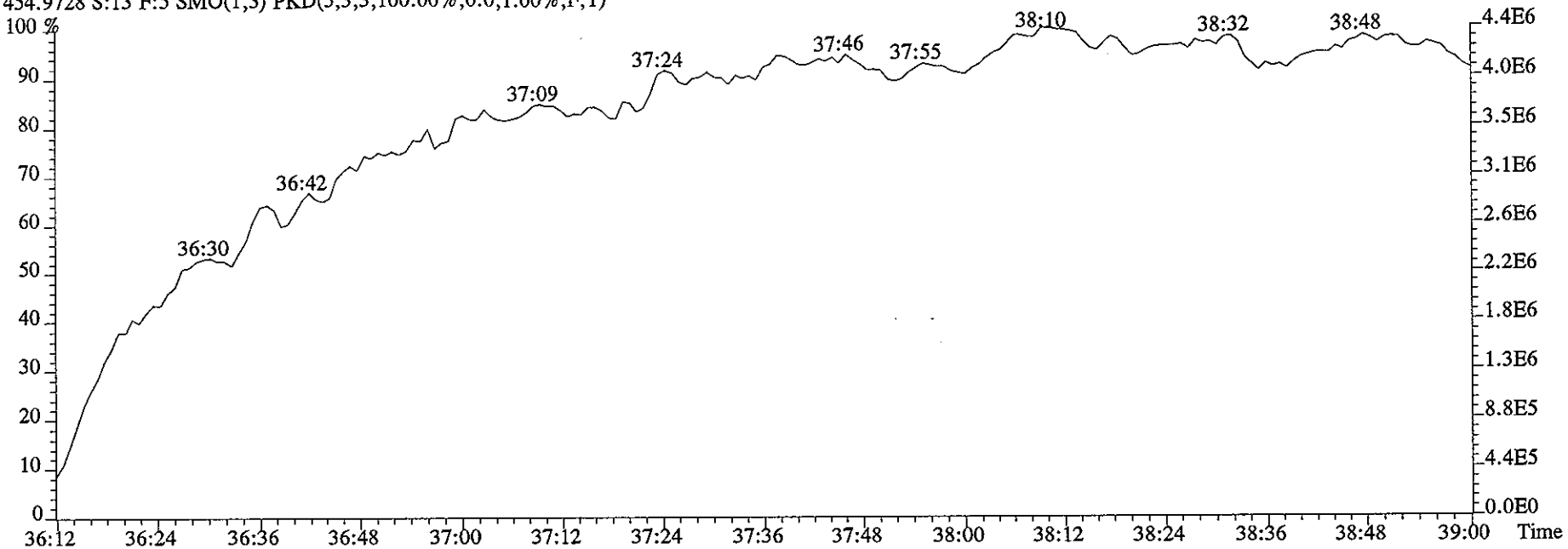
File:09JA068D5 #1-203 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN
454.9728 S:13 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



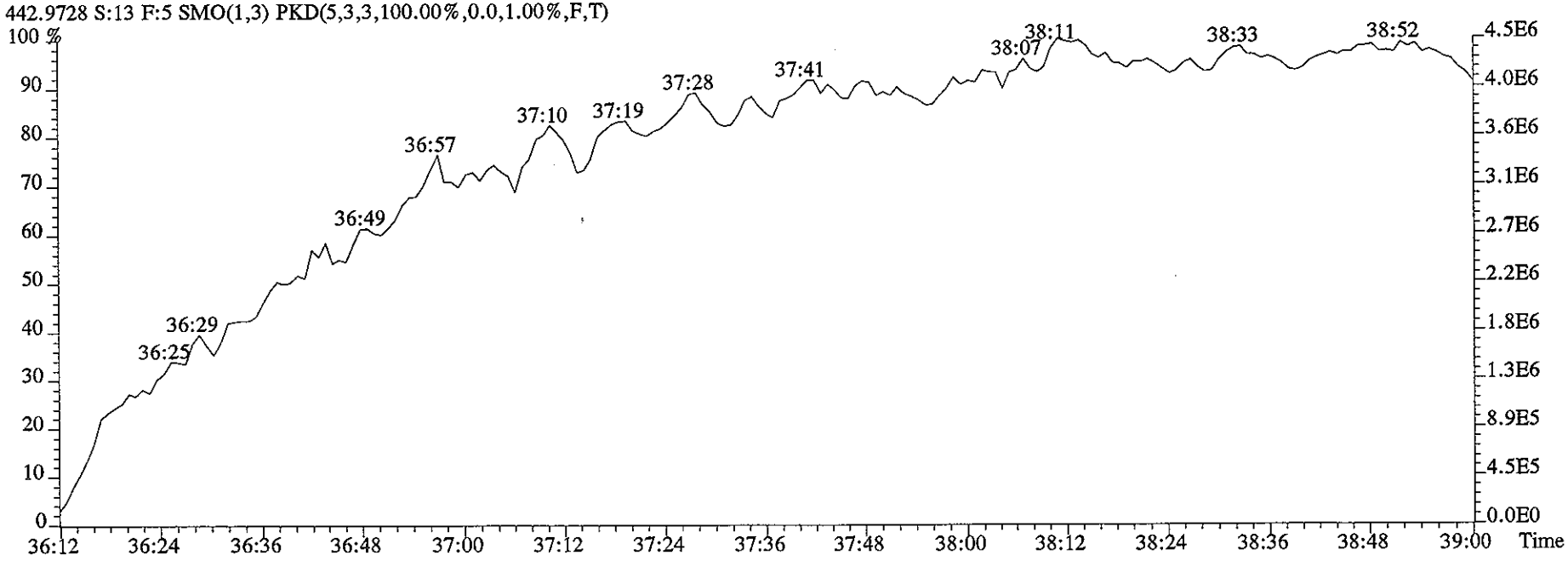
442.9728 S:13 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



File:09JA068D5 #1-203 Acq: 9-JAN-2006 23:49:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#13 Text:HT1WH-1-AC :G5L300272-4 Exp:DIOXIN
454.9728 S:13 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:13 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

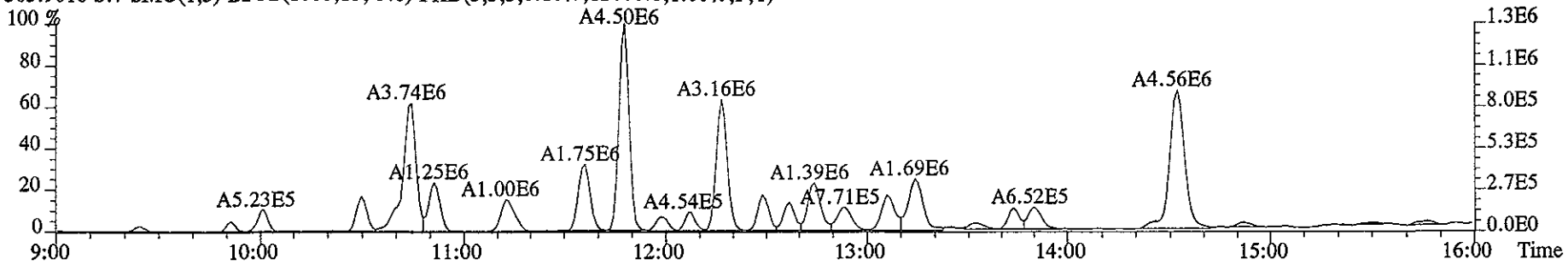


Run text: HT1WH-1-AC Sample text: HT1WH-1-AC :G5L300272-4
Run #10 Filename: 10JA067D2 S: 7 I: 1 Results: 10JA067D2DB225
Acquired: 10-JAN-06 13:23:44 Processed: 11-JAN-06 09:08:05
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000µg

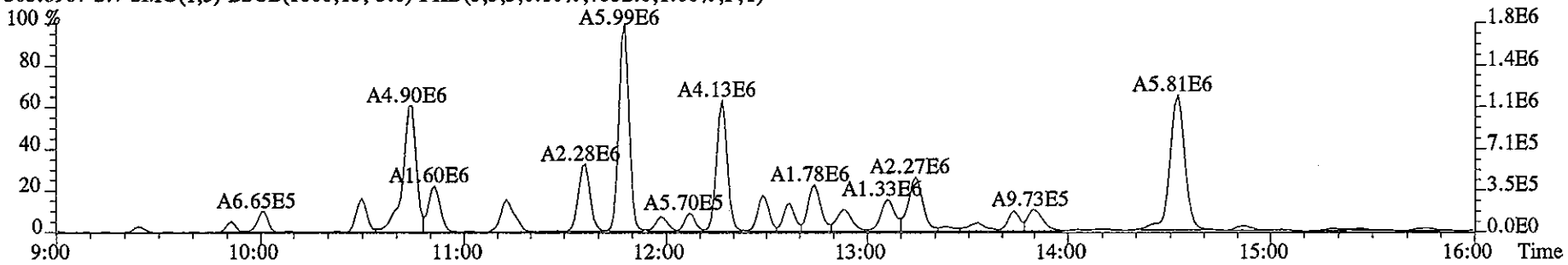
Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	66067000	0.82	y	11:50	-	3.38	-	-	n
13C-2,3,7,8-TCDF	104637900	0.79	y	12:44	1.50	211.86	0.37	105.9	n
2,3,7,8-TCDF	3176870	0.78	y	12:45	0.92	6.61	0.54	-	n
13C-2,3,7,8-TCDD	53862400	0.77	y	11:39	0.81	201.89	0.54	100.9	n
2,3,7,8-TCDD	470906	0.69	y	11:40	1.23	1.42	0.63	-	n
37Cl-2,3,7,8-TCDD	63064000	1.00	y	11:40	1.96	97.24	0.21	121.5	n

1/17/06

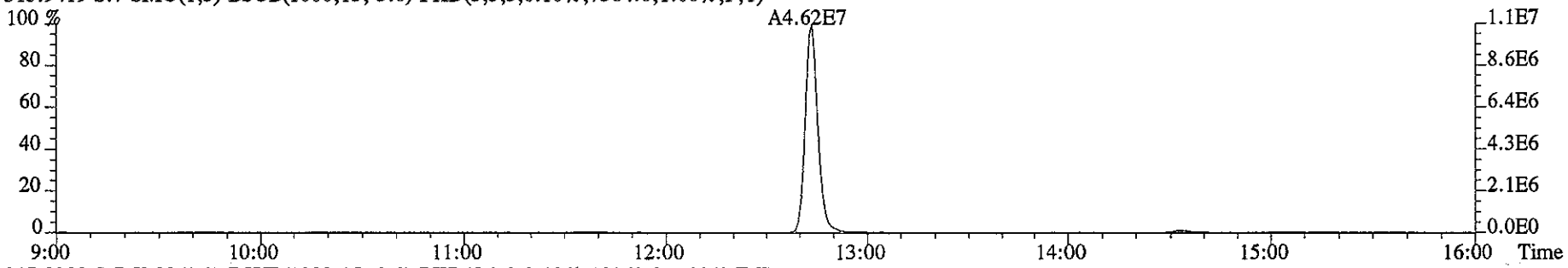
File:10JA067D2 #1-1169 Acq:10-JAN-2006 13:23:44 GC EI+ Voltage SIR 70S
Sample#7 Text:HT1WH-1-AC :G5L300272-4 Exp:DB225
303.9016 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12600.0,1.00%,F,T)



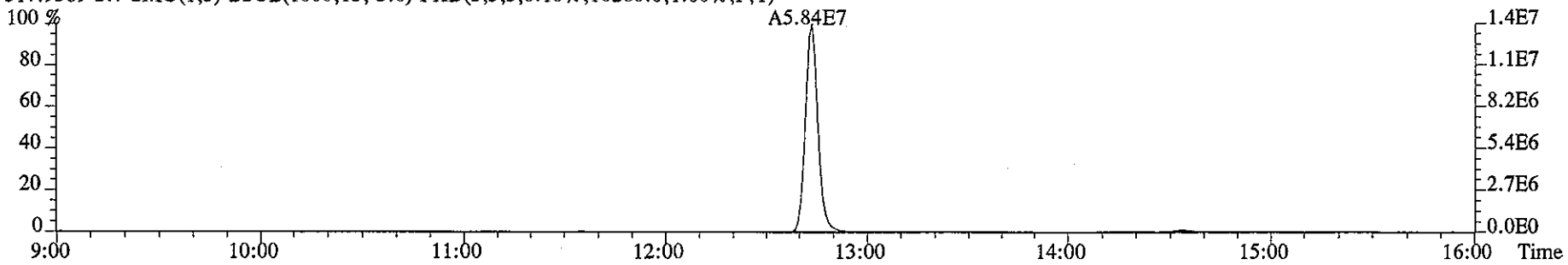
305.8987 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7532.0,1.00%,F,T)



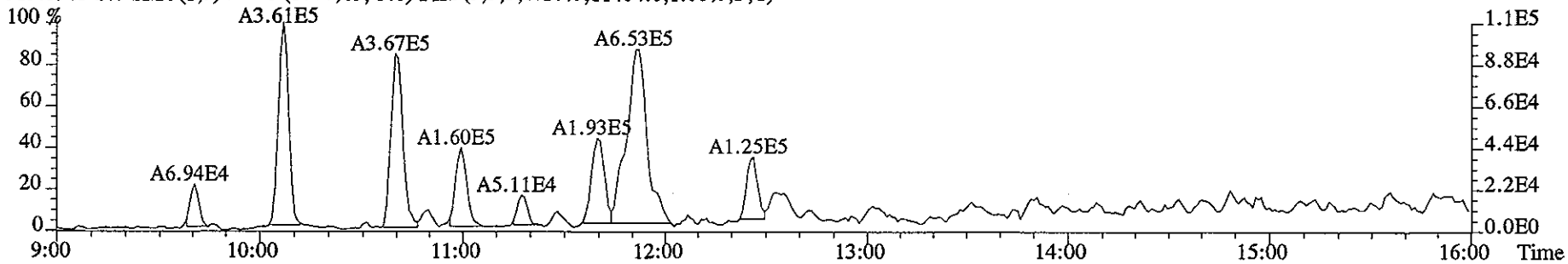
315.9419 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7384.0,1.00%,F,T)



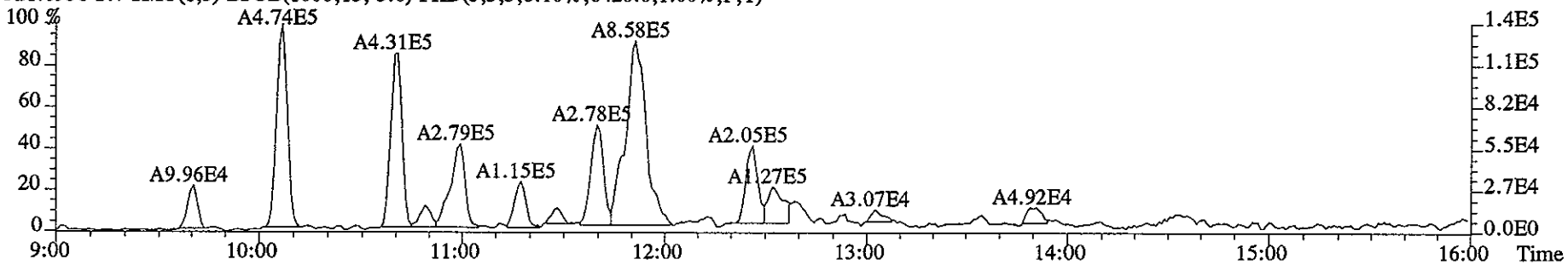
317.9389 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10260.0,1.00%,F,T)



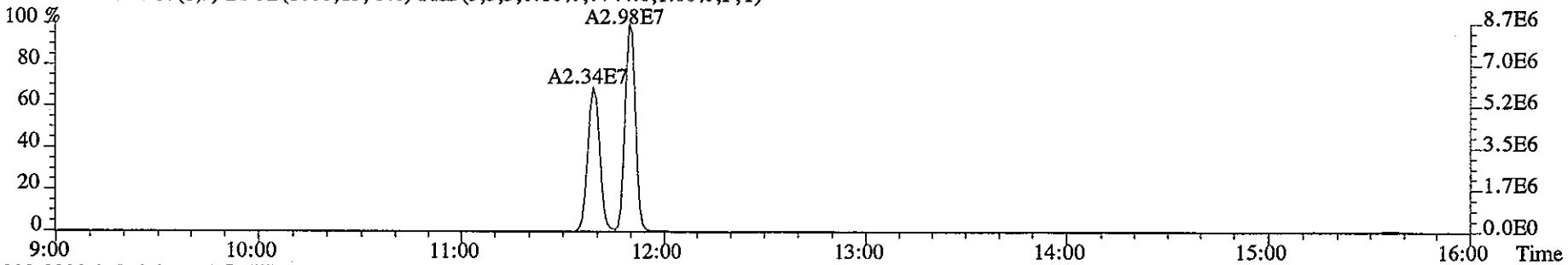
File:10JA067D2 #1-1169 Acq:10-JAN-2006 13:23:44 GC EI+ Voltage SIR 70S
Sample#7 Text:HT1WH-1-AC :G5L300272-4 Exp:DB225
319.8965 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11404.0,1.00%,F,T)



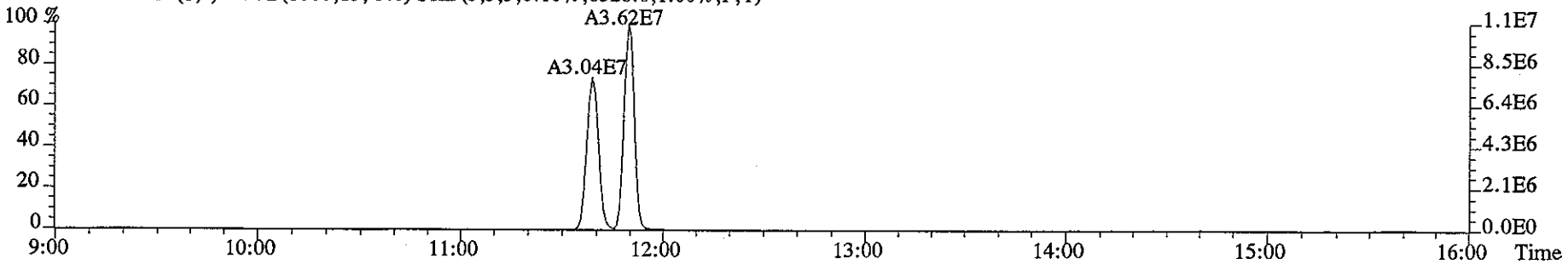
321.8936 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6420.0,1.00%,F,T)



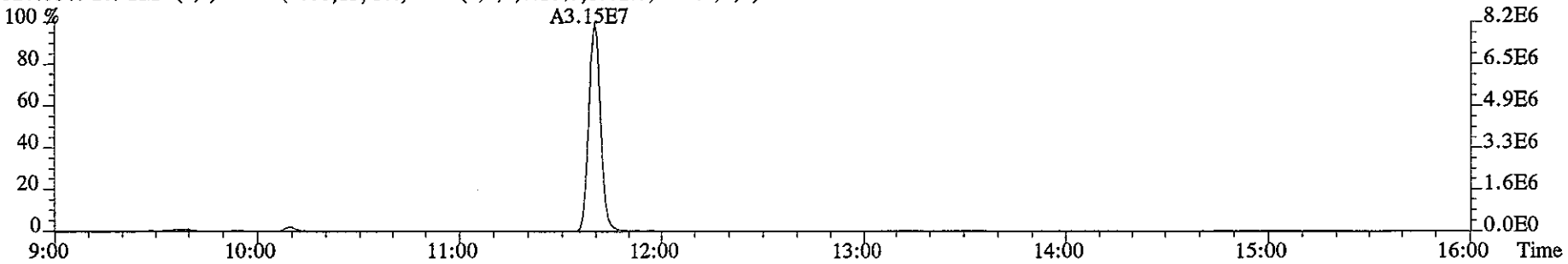
331.9368 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7744.0,1.00%,F,T)



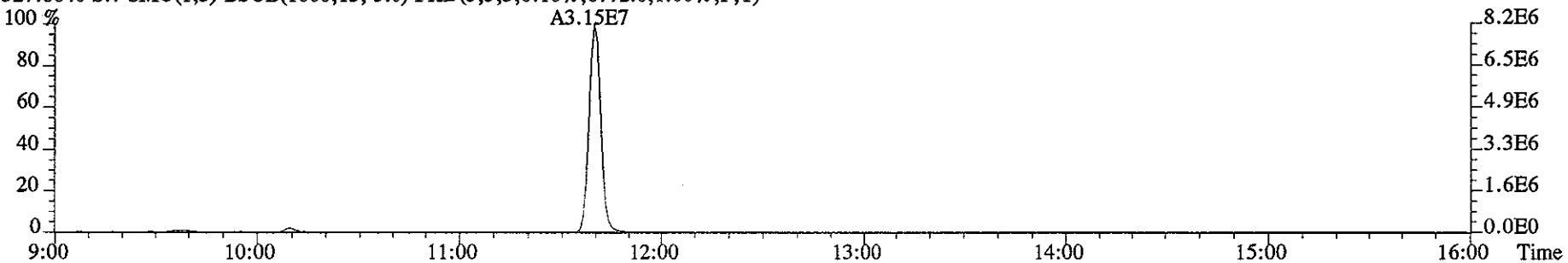
333.9339 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6328.0,1.00%,F,T)



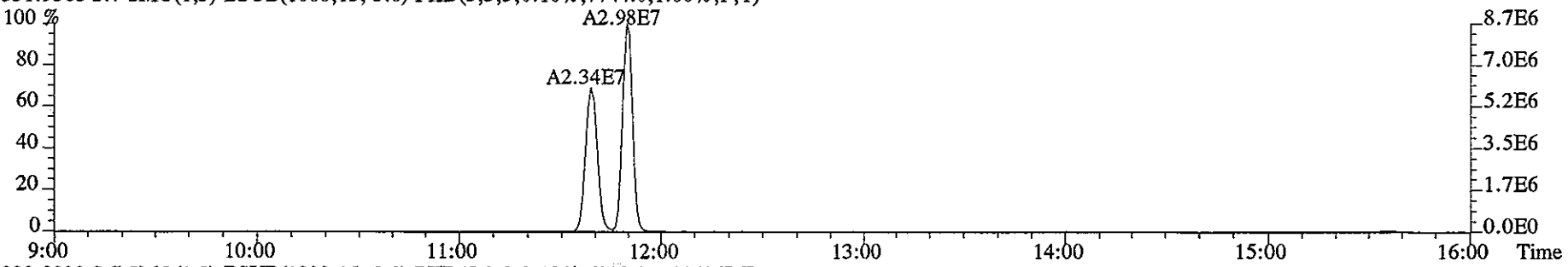
File:10JA067D2 #1-1169 Acq:10-JAN-2006 13:23:44 GC EI+ Voltage SIR 70S
Sample#7 Text:HT1WH-1-AC :G5L300272-4 Exp:DB225
327.8840 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6772.0,1.00%,F,T)



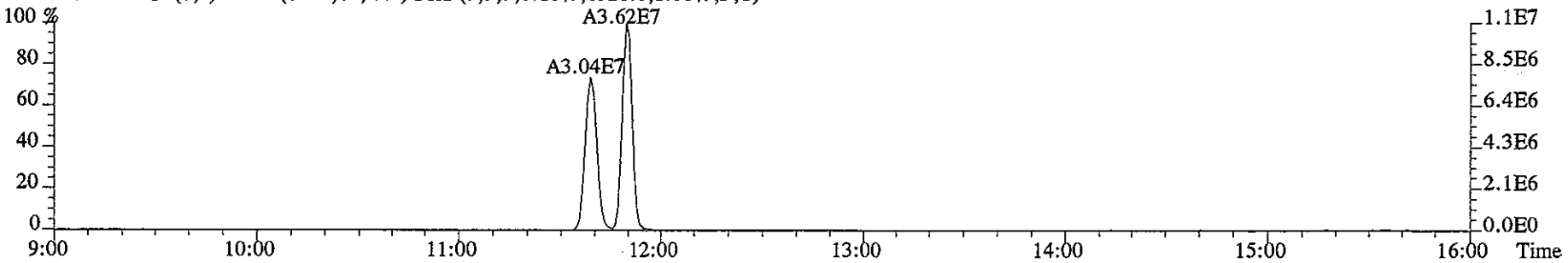
327.8840 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6772.0,1.00%,F,T)



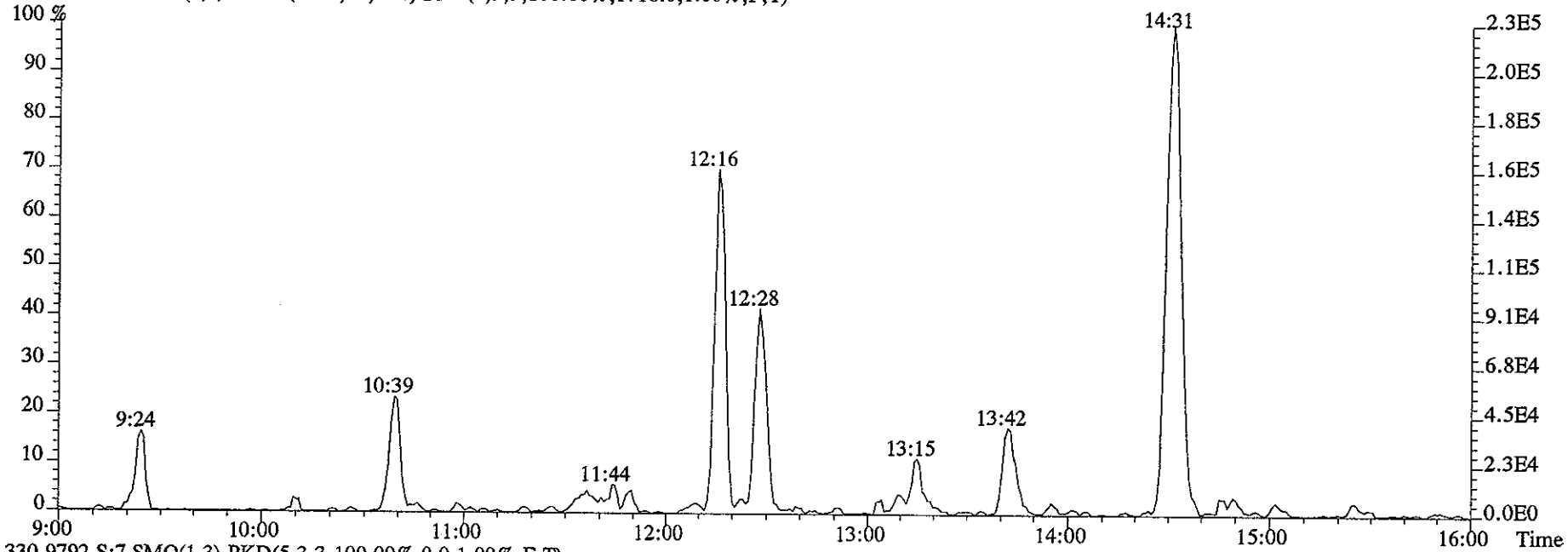
331.9368 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7744.0,1.00%,F,T)



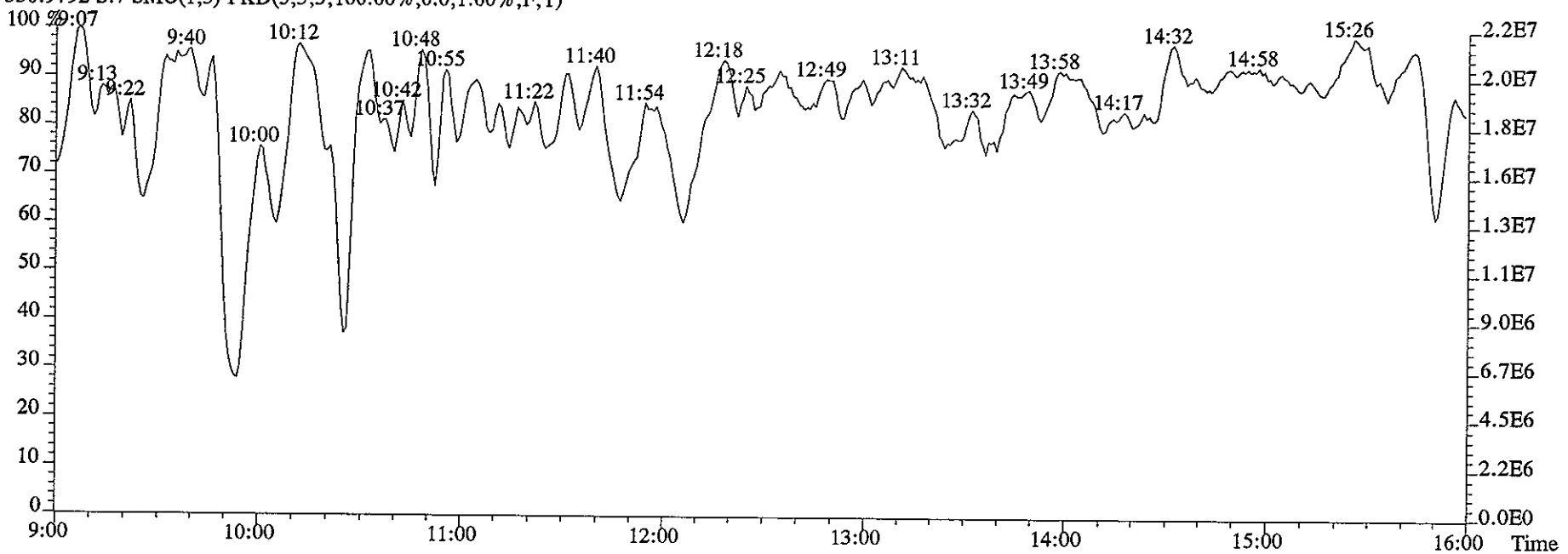
333.9339 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6328.0,1.00%,F,T)



File:10JA067D2 #1-1169 Acq:10-JAN-2006 13:23:44 GC EI+ Voltage SIR 70S
Sample#7 Text:HT1WH-1-AC :G5L300272-4 Exp:DB225
375.8364 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1716.0,1.00%,F,T)



330.9792 S:7 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5
Run #7 Filename: 10JA061D5 S: 4 I: 1 Results: 10JA061D58290W
Acquired: 10-JAN-06 11:40:14 Processed: 10-JAN-06 16:04:17
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	87661600	0.82	y	17:09	-	8.38	-	-	n
13C-2,3,7,8-TCDF	112931800	0.82	y	16:40	1.68	153.11	0.58	76.6	n
2,3,7,8-TCDF	14270370	0.76	y	16:41	1.16	21.73 See DB77	0.57	-	n
Total TCDF	112844702	1.02	n	13:50	1.16	~~171.87~~ 157.06	0.57	-	n
13C-2,3,7,8-TCDD	61744800	0.80	y	17:23	0.90	157.20	1.27	78.6	n
2,3,7,8-TCDD	1186072	0.9	n	17:24	1.32	2.91 JA	0.77	-	n
Total TCDD	19337394	0.75	y	15:12	1.32	~~47.37~~ 42.03	0.77	-	n
37Cl-2,3,7,8-TCDD	66375000	1.00	y	17:24	2.44	61.95	0.36	77.4	n
13C-1,2,3,7,8-PeCDF	104553500	1.60	y	21:24	1.54	154.40	0.59	77.2	n
1,2,3,7,8-PeCDF	4497840	1.47	y	21:25	1.00	8.57	0.68	-	n
2,3,4,7,8-PeCDF	10828070	1.51	y	22:40	1.05	19.75	0.65	-	n
Total F2 PeCDF	177103518	1.60	y	20:16	1.03	~~329.78~~	0.66	-	n
Total F1 PeCDF	36497016	0.71	n	14:34	1.03	~~68.01~~ 371.42	0.46	-	n
13C-1,2,3,7,8-PeCDD	68269700	1.56	y	23:20	0.91	170.42	0.87	85.2	n
1,2,3,7,8-PeCDD	1869499	1.57	y	23:21	1.04	5.25	0.94	-	n
Total PeCDD	16803263	1.35	y	20:18	1.04	~~47.18~~ 40.14	0.94	-	n
13C-1,2,3,7,8,9-HxCDD	80935800	1.30	y	31:40	-	8.41	-	-	n
13C-1,2,3,4,7,8-HxCDF	74705700	0.52	y	29:26	1.38	133.47	0.97	66.7	n
1,2,3,4,7,8-HxCDF	6662410	1.34	y	29:28	1.11	16.06	1.53	-	y
1,2,3,6,7,8-HxCDF	8481970	1.33	y	29:47	1.14	19.92	1.49	-	n
2,3,4,6,7,8-HxCDF	7768660	1.28	y	30:56	1.06	19.55	1.59	-	n
1,2,3,7,8,9-HxCDF	404076	1.32	y	31:52	1.02	~~1.06~~	1.66	-	y
Total HxCDF	171697030	1.29	y	26:44	1.08	~~423.30~~ 422.24	1.56	-	y
13C-1,2,3,6,7,8-HxCDD	62129500	1.23	y	31:17	0.96	160.32	0.97	80.2	n
1,2,3,4,7,8-HxCDD	787167	1.40	y	31:10	0.95	2.66 J	1.14	-	n
1,2,3,6,7,8-HxCDD	2159918	1.41	y	31:19	1.00	6.94	1.08	-	n
1,2,3,7,8,9-HxCDD	1451735	1.23	y	31:41	1.04	4.48 J	1.04	-	y
Total HxCDD	20390325	1.26	y	28:12	1.00	65.57	1.09	-	y
13C-1,2,3,4,6,7,8-HpCDF	55463300	0.45	y	33:35	1.13	121.34	1.11	60.7	n
1,2,3,4,6,7,8-HpCDF	18269250	1.03	y	33:36	1.31	50.26	0.45	-	n
1,2,3,4,7,8,9-HpCDF	1785485	0.99	y	34:45	1.19	5.41	0.50	-	n
Total HpCDF	33850850	1.03	y	33:36	1.25	95.45	0.48	-	n
13C-1,2,3,4,6,7,8-HpCDD	56456400	1.05	y	34:27	1.00	139.78	0.82	69.9	n
1,2,3,4,6,7,8-HpCDD	15793560	1.01	y	34:27	0.95	58.99	0.63	-	n
Total HpCDD	30364573	1.27	n	32:58	0.95	~~113.42~~ 111.15	0.63	-	n
13C-OCDD	81016600	0.94	y	37:00	~~0.81~~ 0.64	247.36	0.83	~~61.8~~ 78.2	n

1/18/06

OCDF	10893220	0.89	y	37:06	1.32	40.79	0.81	- n
OCDD	82951700	0.90	y	37:01	1.00	407.57	0.95	- n

Run text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5
Run #7 Filename: 10JA061D5 S: 4 I: 1 Results: 10JA061D58290
Acquired: 10-JAN-06 11:40:14 Processed: 10-JAN-06 16:04:17
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	87661600	0.82	y	17:09	-	8.38	-	-	n
13C-2,3,7,8-TCDF	112931800	0.82	y	16:40	1.68	153.11	0.58	76.6	n
2,3,7,8-TCDF	14270370	0.76	y	16:41	1.16	21.73 See DB225	0.57	-	n
Total TCDF	112844702	1.02	n	13:50	1.16	~~171.87~~ 157.06	0.57	-	n
13C-2,3,7,8-TCDD	61744800	0.80	y	17:23	0.90	157.20	1.27	78.6	n
2,3,7,8-TCDD	1186072	0.97	n	17:24	1.32	2.91 JA	0.77	-	n
Total TCDD	19337394	0.75	y	15:12	1.32	~~47.37~~ 42.03	0.77	-	n
37Cl-2,3,7,8-TCDD	66375000	1.00	y	17:24	2.44	61.95	0.36	77.4	n
13C-1,2,3,7,8-PeCDF	104553500	1.60	y	21:24	1.54	154.40	0.59	77.2	n
1,2,3,7,8-PeCDF	4497840	1.47	y	21:25	1.00	8.57	0.68	-	n
2,3,4,7,8-PeCDF	10828070	1.51	y	22:40	1.05	19.75	0.65	-	n
Total F2 PeCDF	177103518	1.60	y	20:16	1.03	~~329.78~~	0.66	-	n
Total F1 PeCDF	36497016	0.71	n	14:34	1.03	~~68.01~~ 371.42	0.46	-	n
13C-1,2,3,7,8-PeCDD	68269700	1.56	y	23:20	0.91	170.42	0.87	85.2	n
1,2,3,7,8-PeCDD	1869499	1.57	y	23:21	1.04	5.25	0.94	-	n
Total PeCDD	16803263	1.35	y	20:18	1.04	~~47.18~~ 40.14	0.94	-	n
13C-1,2,3,7,8,9-HxCDD	80935800	1.30	y	31:40	-	8.41	-	-	n
13C-1,2,3,4,7,8-HxCDF	74705700	0.52	y	29:26	1.38	133.47	0.97	66.7	n
1,2,3,4,7,8-HxCDF	10492530	1.34	y	29:28	1.11	~~25.29~~ 16.06	1.53	-	n
1,2,3,6,7,8-HxCDF	8481970	1.33	y	29:47	1.14	19.92	1.49	-	n
2,3,4,6,7,8-HxCDF	7768660	1.28	y	30:56	1.06	19.55	1.59	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.02	~~*~~ 1.06	1.66	-	n
Total HxCDF	171822774	1.29	y	26:44	1.08	~~423.31~~ 422.24	1.56	-	n
13C-1,2,3,6,7,8-HxCDD	62129500	1.23	y	31:17	0.96	160.32	0.97	80.2	n
1,2,3,4,7,8-HxCDD	787168	1.40	y	31:10	0.95	2.66	1.14	-	n
1,2,3,6,7,8-HxCDD	2159918	1.41	y	31:19	1.00	6.94	1.08	-	n
1,2,3,7,8,9-HxCDD	2627910	1.31	y	31:41	1.04	8.10	1.04	-	n
Total HxCDD	20831475	1.26	y	28:12	1.00	66.83	1.09	-	n
13C-1,2,3,4,6,7,8-HpCDF	55463300	0.45	y	33:35	1.13	121.34	1.11	60.7	n
1,2,3,4,6,7,8-HpCDF	18269250	1.03	y	33:36	1.31	50.26	0.45	-	n
1,2,3,4,7,8,9-HpCDF	1785485	0.99	y	34:45	1.19	5.41	0.50	-	n
Total HpCDF	33850850	1.03	y	33:36	1.25	95.45	0.48	-	n
13C-1,2,3,4,6,7,8-HpCDD	56456400	1.05	y	34:27	1.00	139.78	0.82	69.9	n
1,2,3,4,6,7,8-HpCDD	15793560	1.01	y	34:27	0.95	58.99	0.63	-	n
Total HpCDD	30364573	1.27	n	32:58	0.95	~~113.42~~ 111.15	0.63	-	n
13C-OCDD	81016600	0.94	y	37:00	~~0.81~~ 0.64	247.36	0.83	78.2 ~~61.8~~	n
OCDF	10893220	0.89	y	37:06	1.32	40.79	0.81	-	n
OCDD	82951700	0.90	y	37:01	1.00	407.57	0.95	-	n

Run Text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:19
Run: 7 File: 10JA061D5 S:4 Acq:10-JAN-06 11:40:14
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	1718.66	of which	217.34	named and	1501.32	unnamed			
Conc:	171.87	of which	21.73	named and	150.13	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	13:50	1.02	n	0.93	350628	4.9	y	n
						345384	3.2	y	n
	2	14:22	1.08	n	1.69	675626	7.5	y	n
						626985	5.3	y	n
	3	14:34	0.65	n	1.67	477715	10.0	y	n
						734927	10.6	y	n
	4	14:41	0.71	y	1.21	329963	6.7	y	n
						467529	6.7	y	n
	5	14:51	0.78	y	12.29	3528340	79.5	y	n
						4544230	68.1	y	n
	6	15:04	0.85	y	6.63	1997320	32.4	y	n
						2353060	28.0	y	n
	7	15:17	0.84	y	8.77	2631550	53.2	y	n
						3124300	42.8	y	n
	8	15:29	0.82	y	25.23	7455770	134.3	y	n
						9112260	113.1	y	n
	9	15:47	0.76	y	38.28	10841200	202.1	y	n
						14292000	187.5	y	n
	10	15:58	0.74	y	11.30	3153260	42.6	y	n
						4265470	39.7	y	n
	11	16:16	0.76	y	14.68	4157080	64.7	y	n
						5480860	59.4	y	n
	12	16:28	0.65	n	2.11	601651	10.2	y	n
						927422	10.6	y	n
2,3,7,8-TCDF	13	16:41	0.76	y	21.73	6177930	113.9	y	n
						8092440	103.6	y	n
	14	17:05	0.75	y	7.58	2132560	38.5	y	n
						2846850	33.7	y	n
	15	17:18	0.77	y	4.42	1261170	21.2	y	n
						1641380	18.3	y	n

16	17:44	0.86	y	8.79	2676410	46.8	y	n
					3095840	36.9	y	n
17	18:04	0.86	y	3.94	1012090	18.9	y	n
					1181380	15.5	y	n
18	18:16	1.74	n	0.05	41193	0.7	n	n
					23743	0.3	n	n
19	18:23	0.64	n	1.14	1825489	8.0	y	n
					506947	8.0	y	n

Run Text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:12
Run: 7 File: 10JA061D5 S:4 Acq:10-JAN-06 11:40:14
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	473.67 of which	29.05 named and	444.62 unnamed
Conc:	47.37 of which	2.91 named and	44.46 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:12	0.75	y	1.29	224271	4.8	y	n
						301027	7.7	y	n
	2	15:28	0.80	y	6.42	1165600	25.3	y	n
						1457030	33.8	y	n
	3	15:41	0.91	n	1.28 JA	269503	4.8	y	n
						295038	6.1	y	n
	4	16:16	0.86	y	14.93	2815280	46.8	y	n
						3278550	62.7	y	n
	5	16:29	0.62	n	2.83	413312	5.6	y	n
						665672	7.9	y	n
	6	16:50	0.77	y	3.96	702611	14.2	y	n
						915138	17.5	y	n
	7	17:09	0.82	y	2.26	414292	6.4	y	n
						506735	9.1	y	n
	8	17:16	0.90	n	4.93 JA	1018880	16.7	y	n
						1137390	21.8	y	n
2,3,7,8-TCDD	9	17:24	0.97	n	2.91 JA	646772	10.9	y	n
						670097	14.2	y	n
	10	17:33	0.82	y	0.98	181226	3.3	y	n
						220167	4.6	y	n
	11	17:45	0.62	n	3.07 JA	545297	10.4	y	n
						875373	16.6	y	n
	12	18:22	0.99	n	3.01	686203	7.1	y	n
						695165	7.2	y	n

Run Text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:12
Run: 7 File: 10JA061D5 S:4 Acq:10-JAN-06 11:40:14
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	3297.83 of which	283.18 named and	3014.66 unnamed

Conc: 329.78 of which 28.32 named and 301.47 unnamed

9.27

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:16	1.60	y	129.89	42857100	1166.2	y	n
						26845000	814.4	y	n
	2	20:29	1.39	y	3.24	1010920	13.8	y	n
						726285	8.5	y	n
	3	20:51	1.51	y	49.39	15957500	228.0	y	n
						10547400	163.5	y	n
	4	21:16	1.37	y	2.30	712981	12.8	y	n
						522165	10.1	y	n
1,2,3,7,8-PeCDF	5	21:25	1.47	y	8.57	2679010	45.3	y	n
						1818830	32.1	y	n
	6	21:37	1.37	y	3.32	1028320	16.1	y	n
						750932	11.5	y	n
	7	21:51	1.58	y	21.85	7186440	111.6	y	n
						4539360	72.8	y	n
2,3,4,7,8-PeCDF	8	22:40	1.51	y	19.75	6512560	85.0	y	n
						4315510	56.5	y	n
	9	22:55	1.54	y	88.76	28869600	372.3	y	n
						18761500	259.1	y	n
	10	23:24	2.81	n	0.40	235565	3.7	y	n
						83896	2.2	n	n
	11	24:15	1.09	n	1.61	524304	6.6	y	n
						481136	6.1	y	n
	12	24:28	0.81	n	0.72	234387	3.0	n	n
						290974	3.5	y	n

Run Text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:12
Run: 7 File: 10JA061D5 S:4 Acq:10-JAN-06 11:40:14
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	680.11	of which		* named and	680.11	unnamed			
Conc:	68.01	of which		* named and	68.01	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:34	0.71	n	0.70	229641	9.4	y	n
						323934	10.3	y	n
	2	14:46	0.47	n	0.22	71964	2.7	n	n
						153140	4.3	y	n
	3	16:18	0.58	n	0.91	296137	5.8	y	n
						513354	9.3	y	n
	4	16:57	0.35	n	0.71	231772	4.0	y	n
						665825	12.0	y	n
	5	17:13	0.43	n	0.78	253965	4.7	y	n
						597148	11.1	y	n
	6	17:34	0.35	n	0.44	145008	3.7	y	n
						410277	8.1	y	n
	7	17:50	0.46	n	3.97	1293620	21.7	y	n
						2783390	42.3	y	n
	8	18:00	0.45	n	1.18	385579	10.5	y	n
						854649	23.7	y	n
	9	18:13	0.45	n	4.35	1419830	38.7	y	n
						3167550	74.4	y	n
	10	18:22	0.46	n	3.97	1295270	36.6	y	n
						2826910	68.5	y	n
	11	18:36	0.60	n	0.86	280171	9.7	y	n
						463451	14.7	y	n
	12	18:47	1.49	y	49.91	16046600	418.7	y	n
						10739100	255.5	y	n

Run Text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:12
Run: 7 File: 10JA061D5 S:4 Acq:10-JAN-06 11:40:14
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	471.78	of which		52.49 named and		419.29 unnamed			

Conc: 47.18 of which 5.25 named and 41.93 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:18	1.35	y	9.86	2016690	45.3	y	n
						1496410	37.9	y	n
	2	21:01	0.97	n	1.19	257459	6.0	y	n
						266040	5.9	y	n
	3	21:25	1.56	y	6.17	1337800	28.6	y	n
						858727	24.0	y	n
	4	21:38	1.56	y	2.80	607530	14.0	y	n
						389863	10.5	y	n
	5	21:56	1.48	y	7.37	1564160	30.4	y	n
						1060120	23.1	y	n
	6	22:14	1.52	y	0.80	172407	4.9	y	n
						113101	4.5	y	n
	7	22:23	1.76	y	5.89	1336080	21.0	y	n
						761287	16.9	y	n
	8	22:43	1.50	y	2.05	437400	7.0	y	n
						292553	5.4	y	n
	9	22:57	2.01	n	1.64	460213	7.5	y	n
						228933	4.7	y	n
1,2,3,7,8-PeCDD	10	23:21	1.57	y	5.25	1142300	19.8	y	n
						727199	16.5	y	n
	11	23:38	1.38	y	1.36	280752	5.0	y	n
						203852	5.6	y	n
	12	24:16	1.67	y	2.80	623995	12.2	y	n
						373696	9.0	y	n

Run Text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:10
Run: 7 File: 10JA061D5 S:4 Acq:10-JAN-06 11:40:14
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	4233.10 of which	647.59 named and	3585.51 unnamed
Conc:	423.31 of which	64.76 named and	358.55 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	26:44	1.29	y	26.52	6047760	57.7	y	n
						4684330	54.9	y	n
	2	27:06	1.26	y	142.07	32024500	296.8	y	n
						25461000	277.1	y	n
	3	27:50	1.17	y	4.64	1013570	8.7	y	n
						864071	9.4	y	n
	4	28:18	1.26	y	152.08	34343100	299.0	y	n
						27193100	285.4	y	n
1,2,3,4,7,8-HxCDF	5	29:28	1.34	y	25.29	6004380	36.1	y	n
						4488150	33.1	y	n
1,2,3,6,7,8-HxCDF	6	29:47	1.33	y	19.92	4842150	47.7	y	n
						3639820	42.6	y	n
	7	30:23	1.00	n	1.30	292268	3.5	y	n
						292203	5.1	y	n
	8	30:45	1.16	y	25.38	5522200	83.1	y	n
						4746270	81.8	y	n
2,3,4,6,7,8-HxCDF	9	30:56	1.28	y	19.55	4354460	66.2	y	n
						3414200	60.8	y	n
	10	31:59	1.04	n	6.55	1467930	29.9	y	n
						1408370	30.4	y	n

See PG 6A

Run Text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:7
Run: 7 File: 10JA061D5 S:4 Acq:10-JAN-06 11:40:14
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	668.29 of which	177.03 named and	491.26 unnamed
Conc:	66.83 of which	17.70 named and	49.13 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:12	1.26	y	12.14	2102710	21.3	y	n

Run Text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? yes #Hom:11
Run: 7 File: 10JA061D5 S:4 Acq:10-JAN-06 11:40:14
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	4232.95 of which	565.88 named and	3667.08 unnamed
Conc:	423.30 of which	56.59 named and	366.71 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	26:44	1.29	y	26.52	6047760	57.7	y	n
						4684330	54.9	y	n
	2	27:06	1.26	y	142.07	32024600	296.8	y	n
						25461000	277.1	y	n
	3	27:50	1.17	y	4.64	1013560	8.7	y	n
						864074	9.4	y	n
	4	28:18	1.26	y	152.08	34343100	299.0	y	n
						27193100	285.4	y	n
	5	29:23	1.28	y	9.32	2118130	23.8	y	y
						1651750	22.4	y	y
1,2,3,4,7,8-HxCDF	6	29:28	1.34	y	16.06	3818010	36.1	y	y
						2844400	33.1	y	y
1,2,3,6,7,8-HxCDF	7	29:47	1.33	y	19.92	4842150	47.7	y	n
						3639820	42.6	y	n
	8	30:45	1.16	y	25.38	5522200	83.1	y	n
						4746270	81.8	y	n
2,3,4,6,7,8-HxCDF	9	30:56	1.28	y	19.55	4354460	66.2	y	n
						3414200	60.8	y	n
1,2,3,7,8,9-HxCDF	10	31:52	1.32	y	1.06	229551	4.2	y	n
						174525	3.7	y	y
	11	31:59	1.18	y	6.70	1467930	29.9	y	n
						1242110	30.4	y	y

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						1665960	16.3	y	n
	2	29:34	1.12	y	11.59	1901240	18.5	y	n
						1698460	15.0	y	n
	3	30:10	1.19	y	24.03	4061100	49.2	y	n
						3400410	38.9	y	n
	4	30:27	1.48	n	1.37	282627	4.8	y	n
						190446	3.0	y	n
1,2,3,4,7,8-HxCDD	5	31:10	1.40	y	2.66	459453	8.8	y	n
						327715	5.6	y	n
1,2,3,6,7,8-HxCDD	6	31:19	1.41	y	6.94	1264080	23.7	y	n
						895838	16.4	y	n
1,2,3,7,8,9-HxCDD	7	31:41	1.31	y	8.10	1491910	16.3	y	n
						1136000	12.9	y	n

See pg 7A

Totals Results STL Sacramento

Run Text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:4
Run: 7 File: 10JA061D5 S:4 Acq:10-JAN-06 11:40:14
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D5

Amount:	954.51 of which	556.71 named and	397.80 unnamed
Conc:	95.45 of which	55.67 named and	39.78 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,6,7,8-HpCDF	1	33:36	1.03	y	50.26	9280950	255.3	y	n
						8988300	468.0	y	n
	2	33:47	1.15	y	4.46	825790	21.7	y	n
						719655	33.4	y	n
	3	33:54	1.03	y	35.32	6221500	166.9	y	n
						6029170	310.4	y	n
1,2,3,4,7,8,9-HpCDF	4	34:45	0.99	y	5.41	890156	21.9	y	n
						895329	44.6	y	n

Run Text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? yes #Hom:7
Run: 7 File: 10JA061D5 S:4 Acq:10-JAN-06 11:40:14
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 8290120905lD5 Results: 10JA061D5

Amount:	655.69 of which	140.76 named and	514.93 unnamed
Conc:	65.57 of which	14.08 named and	51.49 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:12	1.26	y	12.14	2102710	21.3	y	n
						1665960	16.3	y	n
	2	29:34	1.12	y	11.59	1901230	18.5	y	n
						1698460	15.0	y	n
	3	30:10	1.19	y	24.03	4061100	49.2	y	n
						3400410	38.9	y	n
1,2,3,4,7,8-HxCDD	4	31:10	1.40	y	2.66	459453	8.8	y	n
						327714	5.6	y	n
1,2,3,6,7,8-HxCDD	5	31:19	1.41	y	6.94	1264080	23.7	y	n
						895838	16.4	y	n
	6	31:37	1.31	y	3.74	657820	15.3	y	y
						503815	10.5	y	y
1,2,3,7,8,9-HxCDD	7	31:41	1.23	y	4.48	800267	16.3	y	y
						651468	13.0	y	y

PS

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Run Text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5

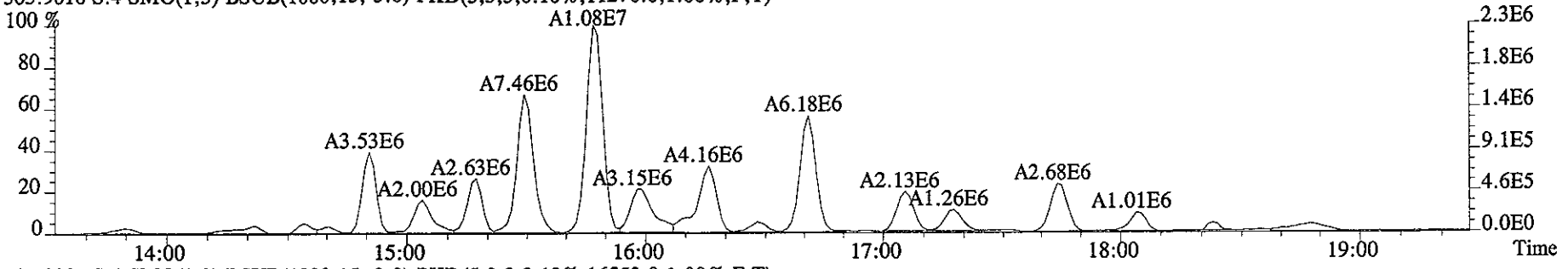
Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:6
Run: 7 File: 10JA061D5 S:4 Acq:10-JAN-06 11:40:14
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	1134.15 of which	589.91 named and	544.24 unnamed
Conc:	113.42 of which	58.99 named and	54.42 unnamed

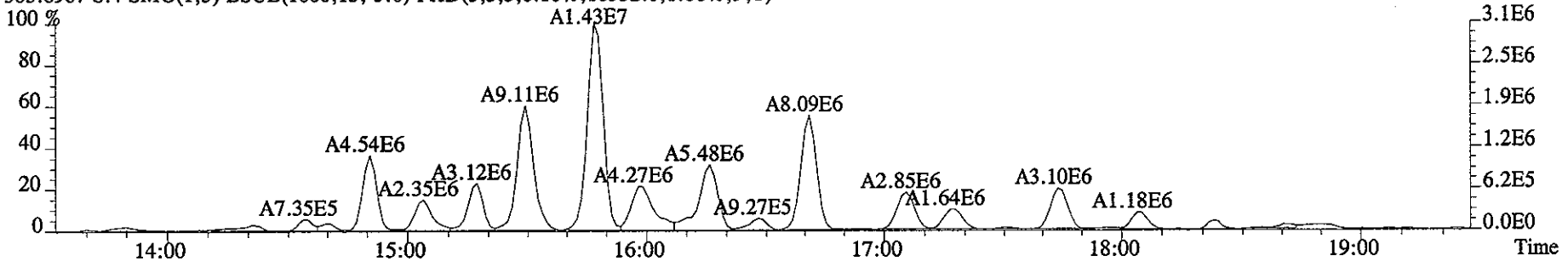
Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	32:58	1.27	n	0.43	71510	2.5	n	n
						56486	2.0	n	n
	2	33:35	3.34	n	0.89	169774	6.0	y	n
						50888	1.9	n	n
	3	33:52	1.03	y	52.16	7082880	238.7	y	n
						6880800	270.8	y	n
1,2,3,4,6,7,8-HpCDD	4	34:27	1.01	y	58.99	7931850	251.5	y	n
						7861710	306.8	y	n
	5	34:38	0.69	n	0.57	78129	1.9	n	n
						112642	4.1	y	n
	6	34:45	1.26	n	0.88	145199	4.5	y	n
						115214	2.4	n	n

File:10JA061D5 #1-322 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN

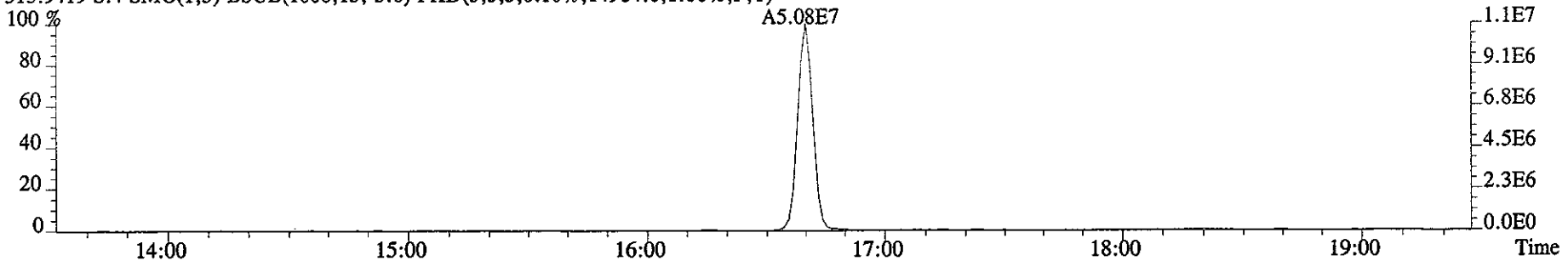
303.9016 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11276.0,1.00%,F,T)



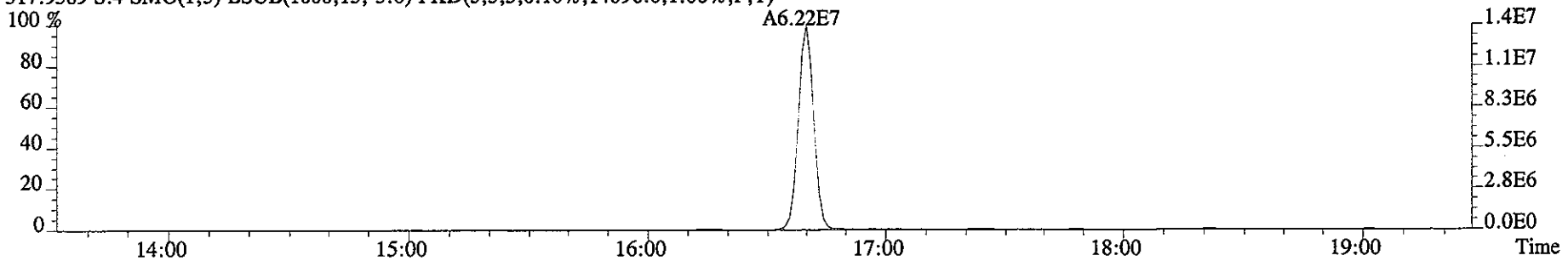
305.8987 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16552.0,1.00%,F,T)



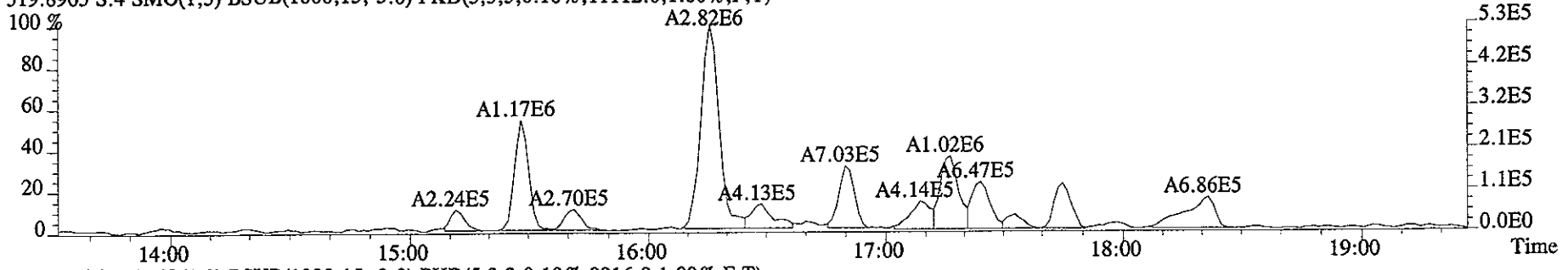
315.9419 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14984.0,1.00%,F,T)

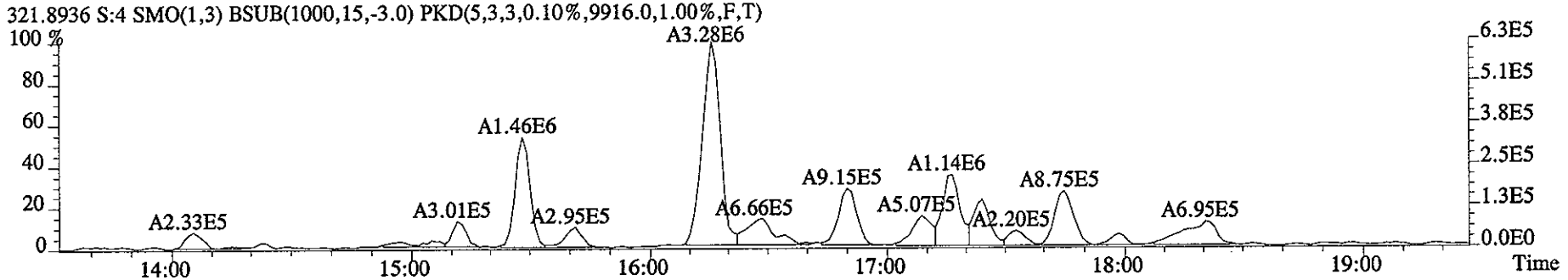


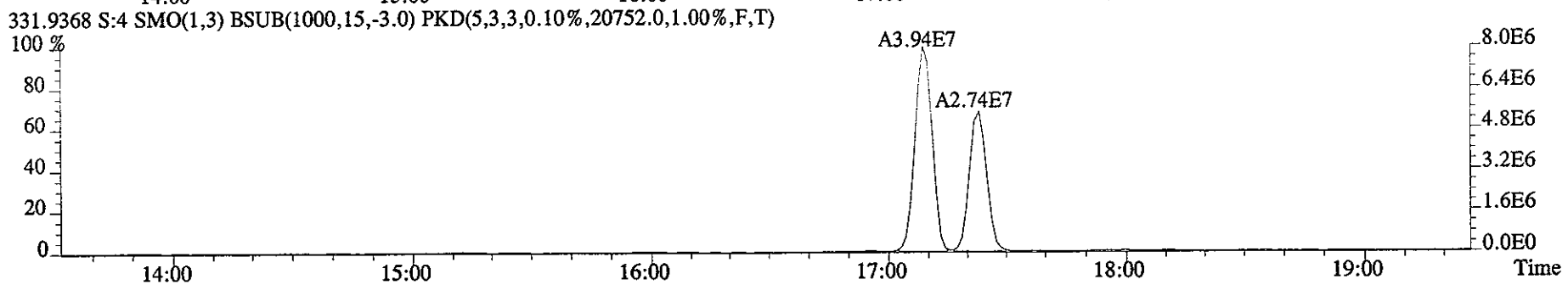
317.9389 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14096.0,1.00%,F,T)

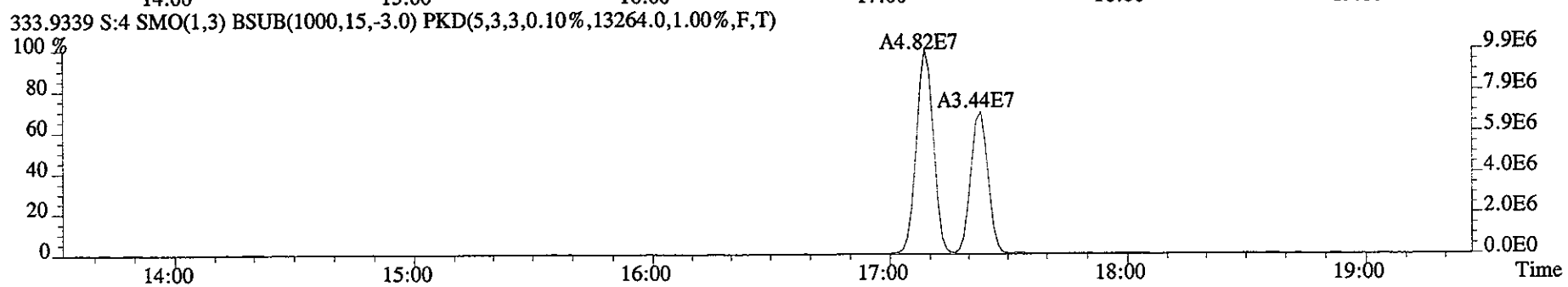


File:10JA061D5 #1-322 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN



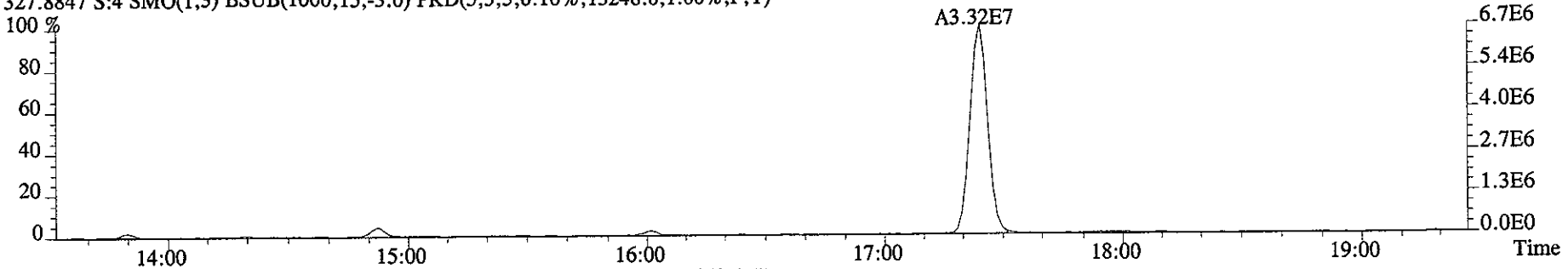




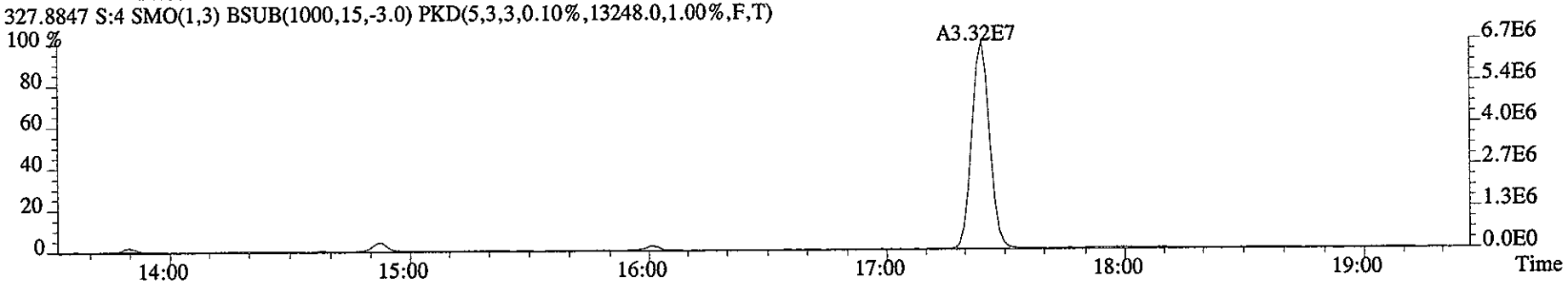


File:10JA061D5 #1-322 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN

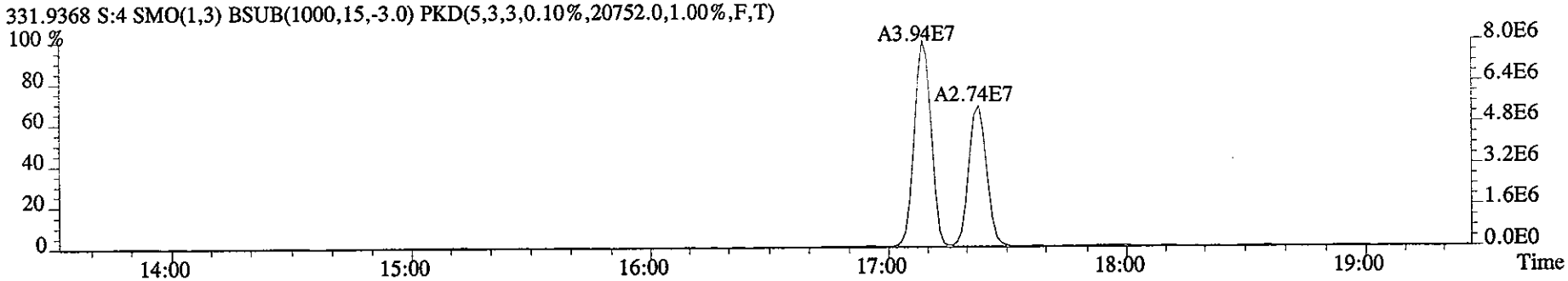
327.8847 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13248.0,1.00%,F,T)



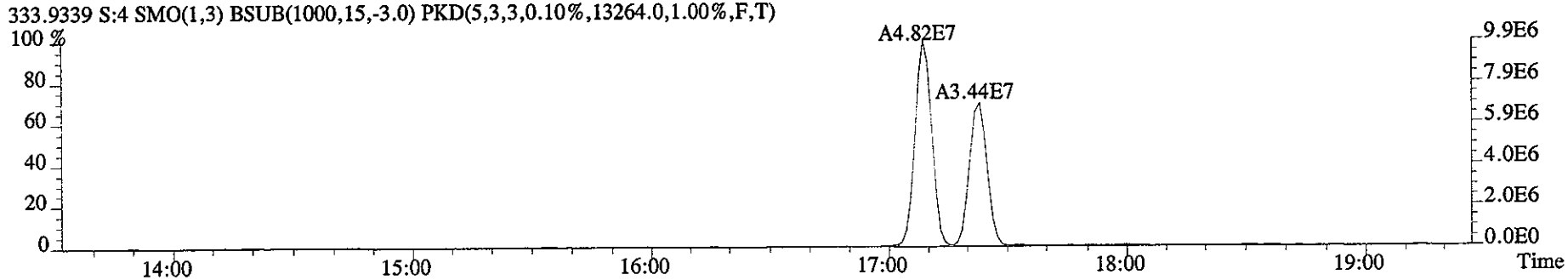
327.8847 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13248.0,1.00%,F,T)



331.9368 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20752.0,1.00%,F,T)

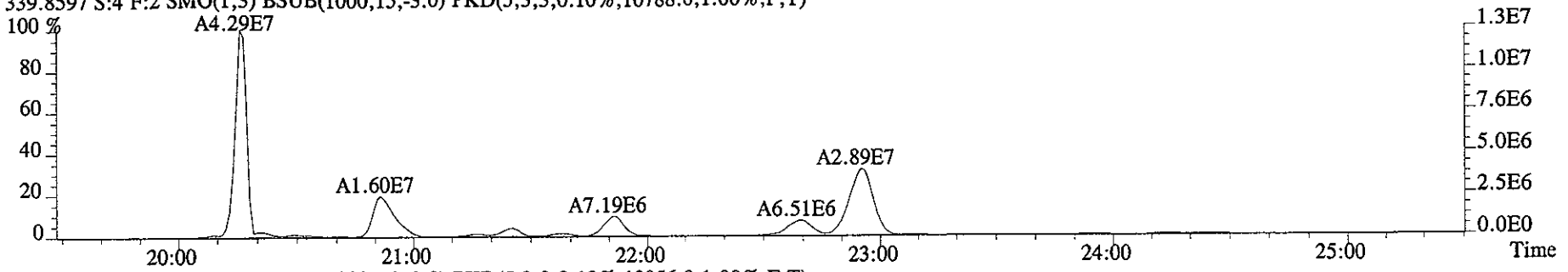


333.9339 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13264.0,1.00%,F,T)

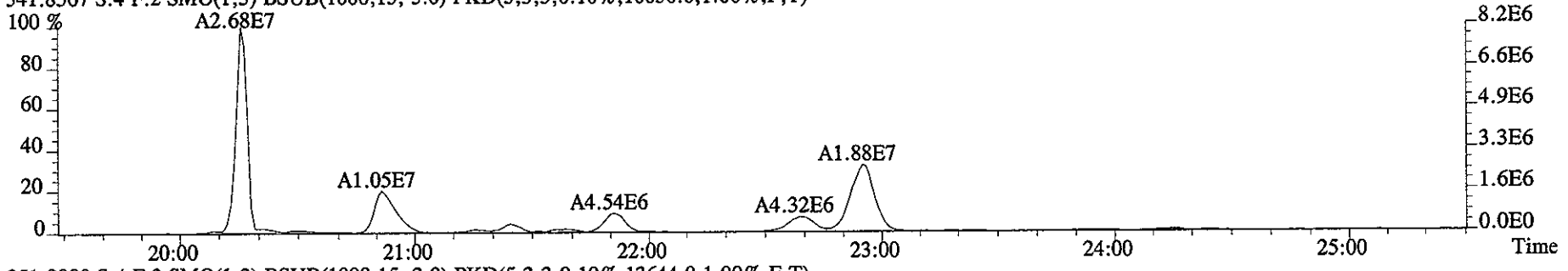


File:10JA061D5 #1-425 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN

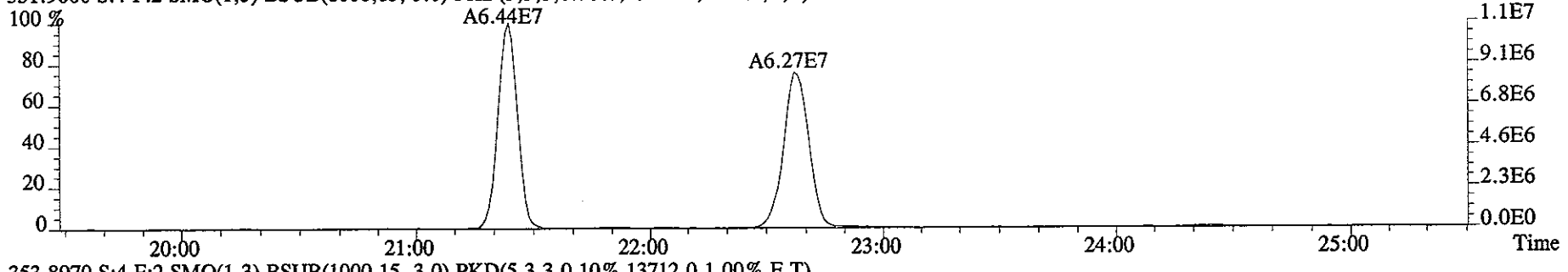
339.8597 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10788.0,1.00%,F,T)



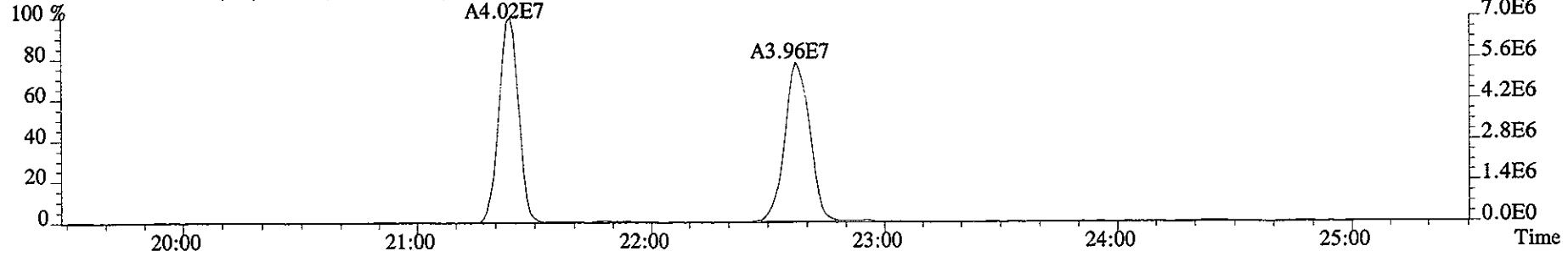
341.8567 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10056.0,1.00%,F,T)



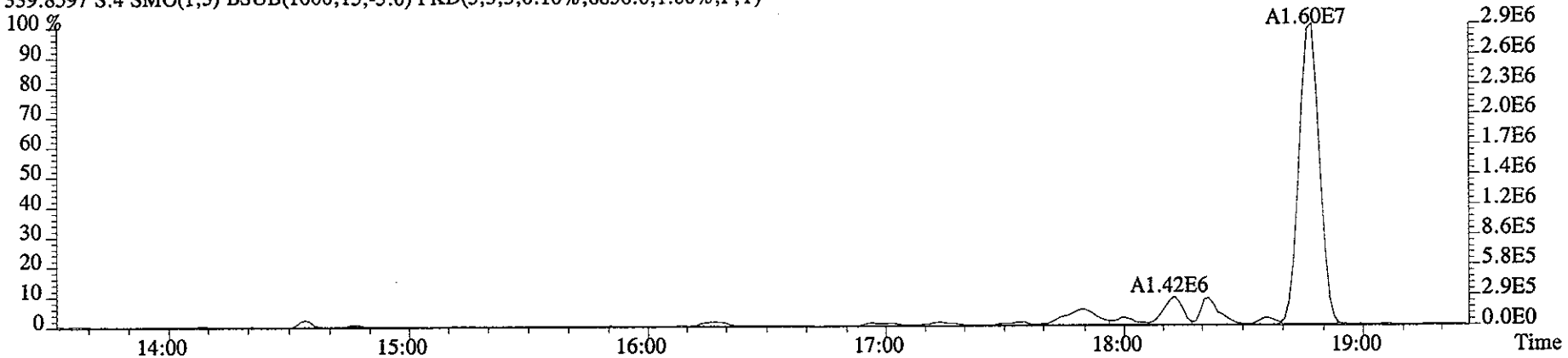
351.9000 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13644.0,1.00%,F,T)



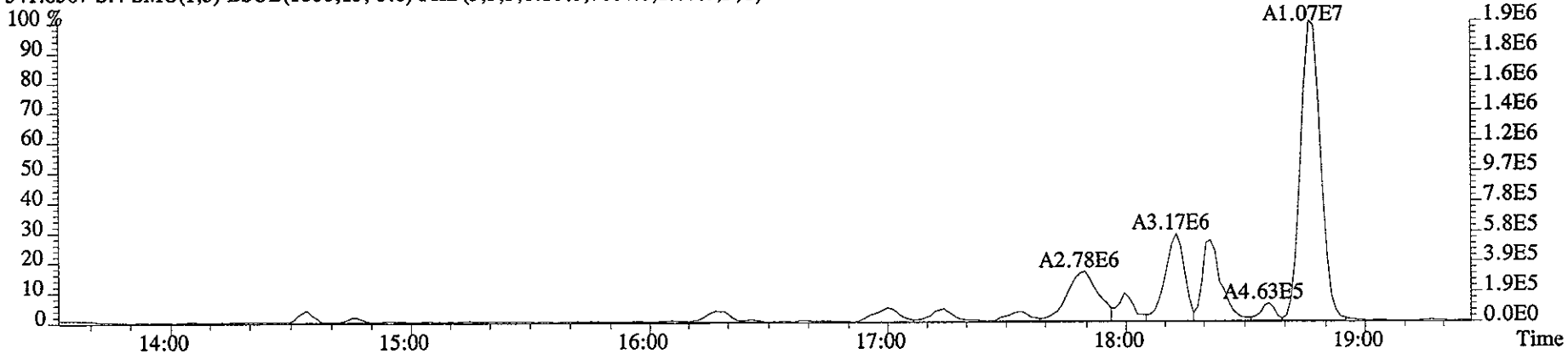
353.8970 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13712.0,1.00%,F,T)



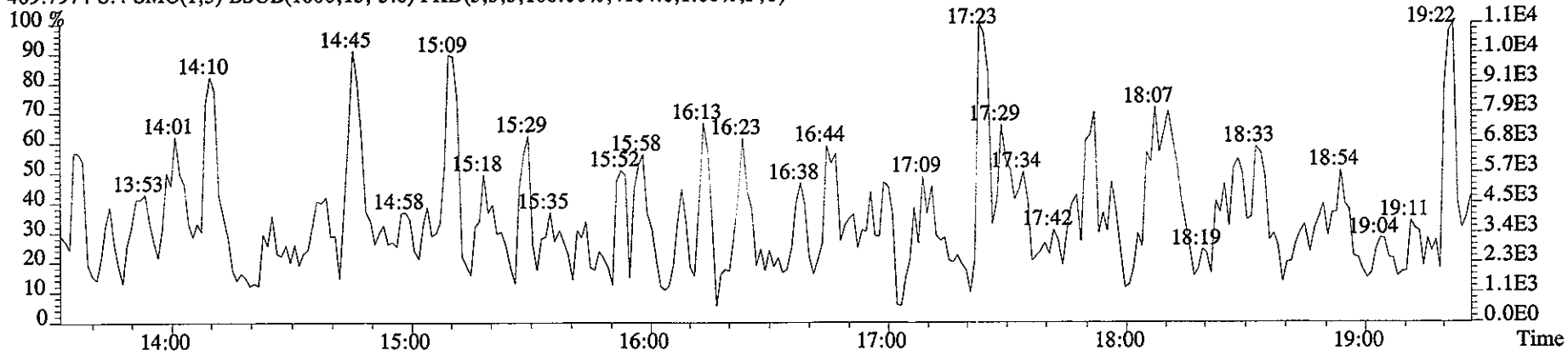
File:10JA061D5 #1-322 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN
339.8597 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6856.0,1.00%,F,T)

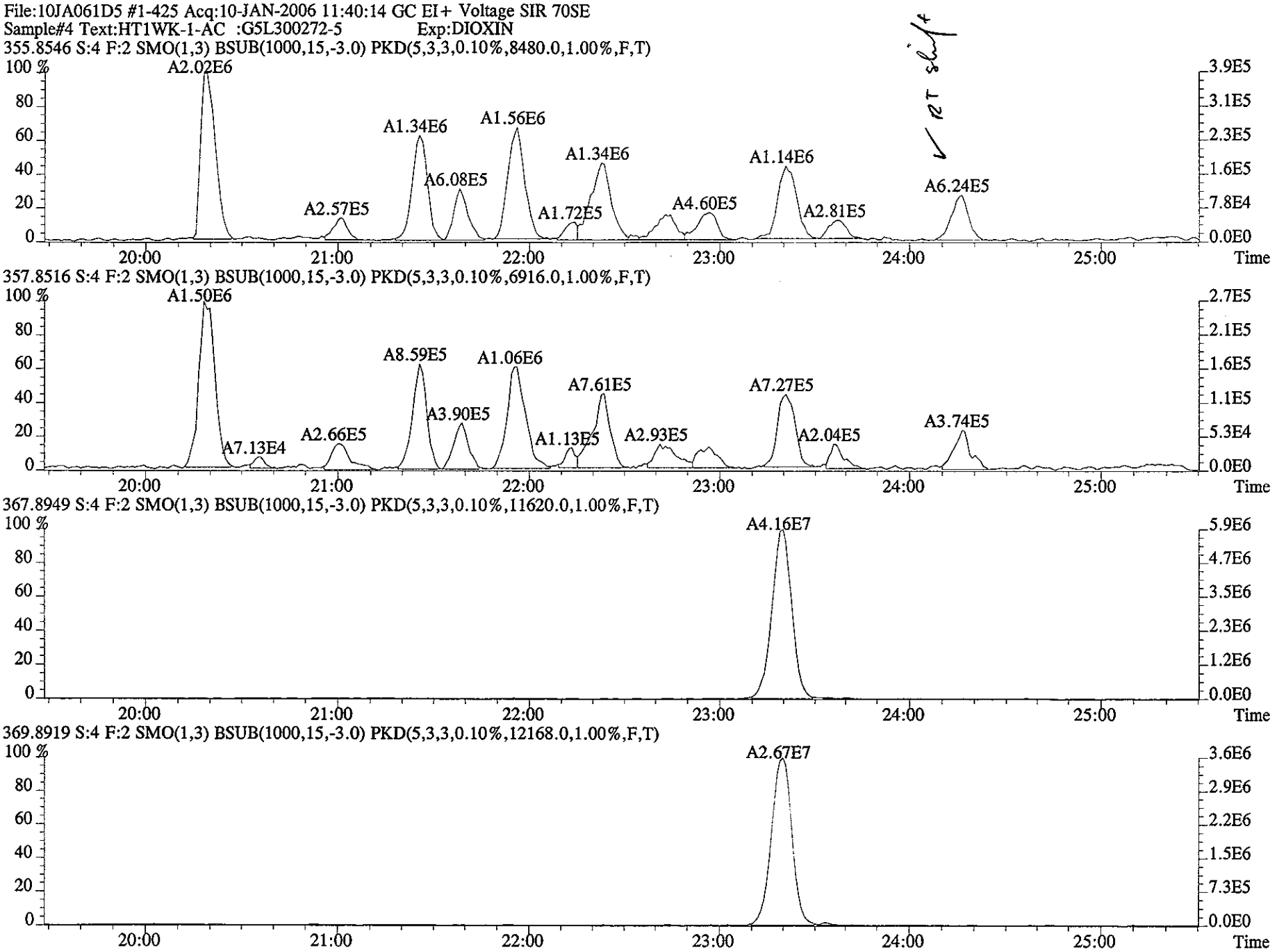


341.8567 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7604.0,1.00%,F,T)



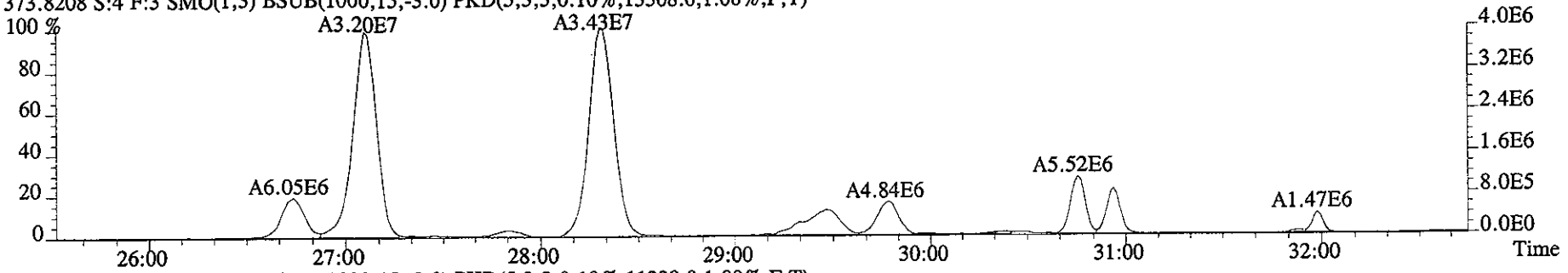
409.7974 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4104.0,1.00%,F,T)



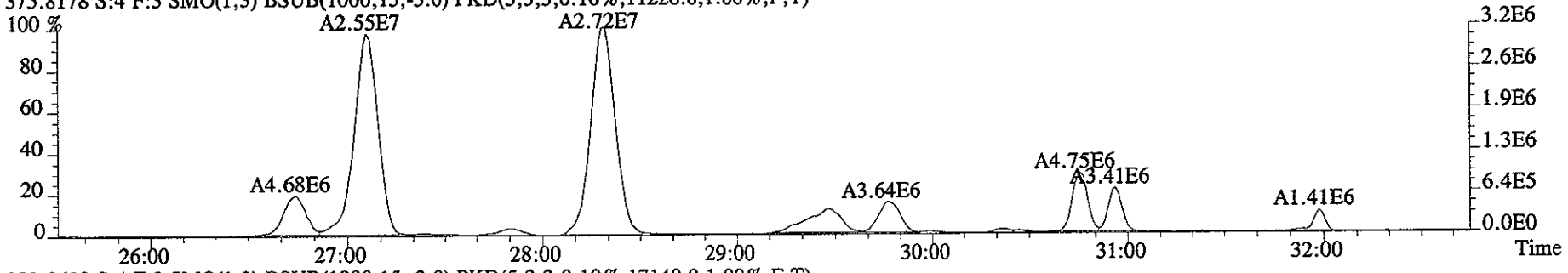

File:10JA061D5 #1-425 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN
355.8546 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8480.0,1.00%,F,T)
A2.02E6
A2.57E5
A1.34E6
A6.08E5
A1.56E6
A1.72E5
A1.34E6
A4.60E5
A1.14E6
A2.81E5
A6.24E5
12T shift
357.8516 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6916.0,1.00%,F,T)
A1.50E6
A7.13E4
A2.66E5
A8.59E5
A3.90E5
A1.06E6
A1.13E5
A7.61E5
A2.93E5
A7.27E5
A2.04E5
A3.74E5
367.8949 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11620.0,1.00%,F,T)
A4.16E7
369.8919 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12168.0,1.00%,F,T)
A2.67E7
100 %
80
60
40
20
0
20:00
21:00
22:00
23:00
24:00
25:00
Time
3.9E5
3.1E5
2.3E5
1.6E5
7.8E4
0.0E0
2.7E5
2.1E5
1.6E5
1.1E5
5.3E4
5.9E6
4.7E6
3.5E6
2.3E6
1.2E6
3.6E6
2.9E6
2.2E6
1.5E6
7.3E5

File:10JA061D5 #1-486 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN

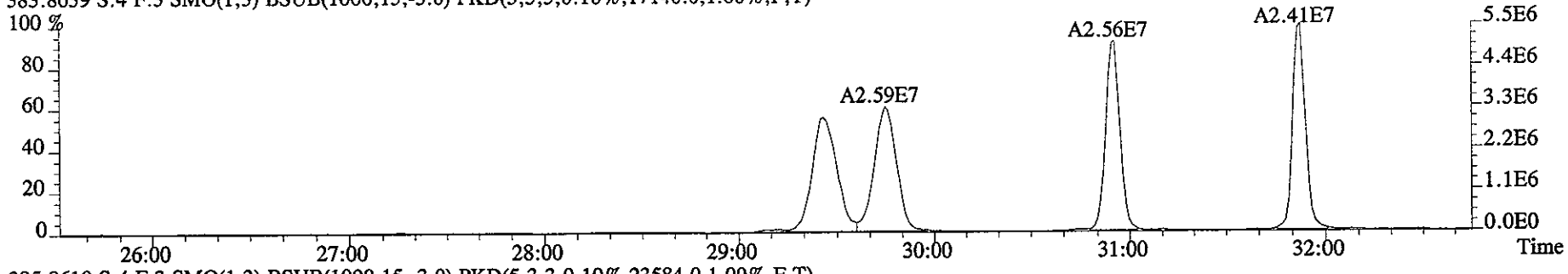
373.8208 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13308.0,1.00%,F,T)



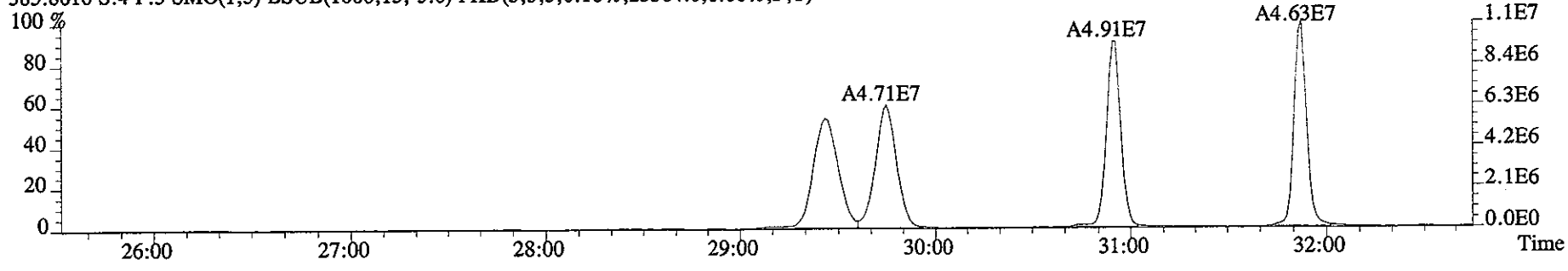
375.8178 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11228.0,1.00%,F,T)



383.8639 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17140.0,1.00%,F,T)



385.8610 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,23584.0,1.00%,F,T)

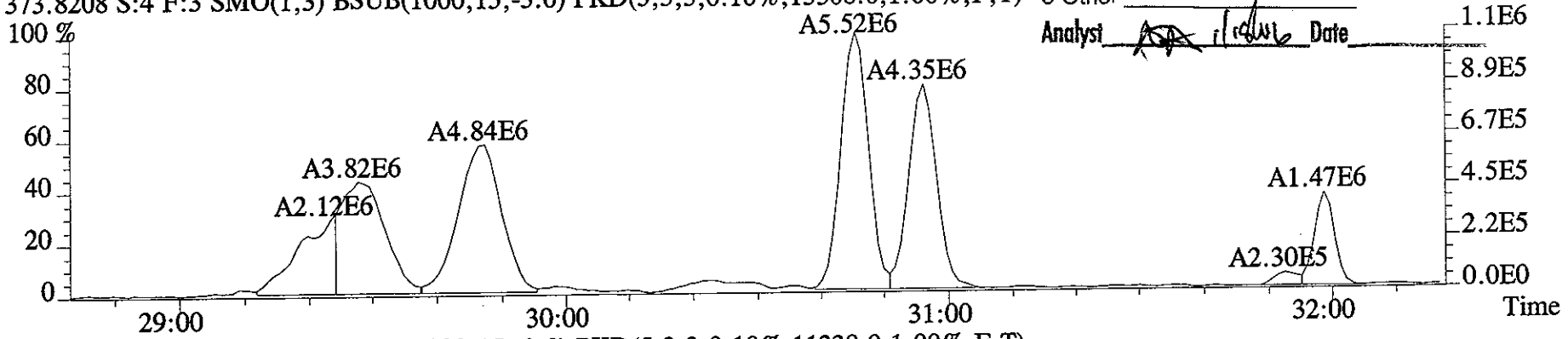


MANUAL EDIT CODES

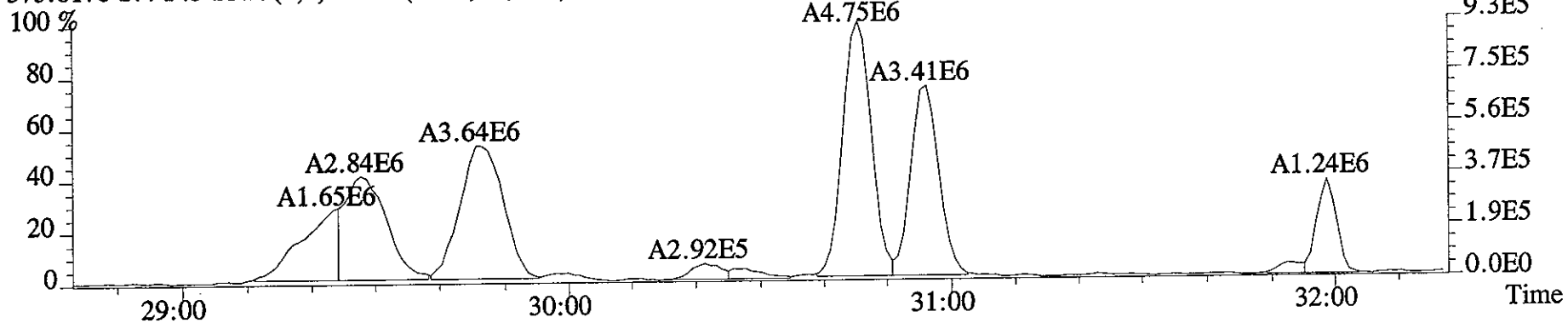
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

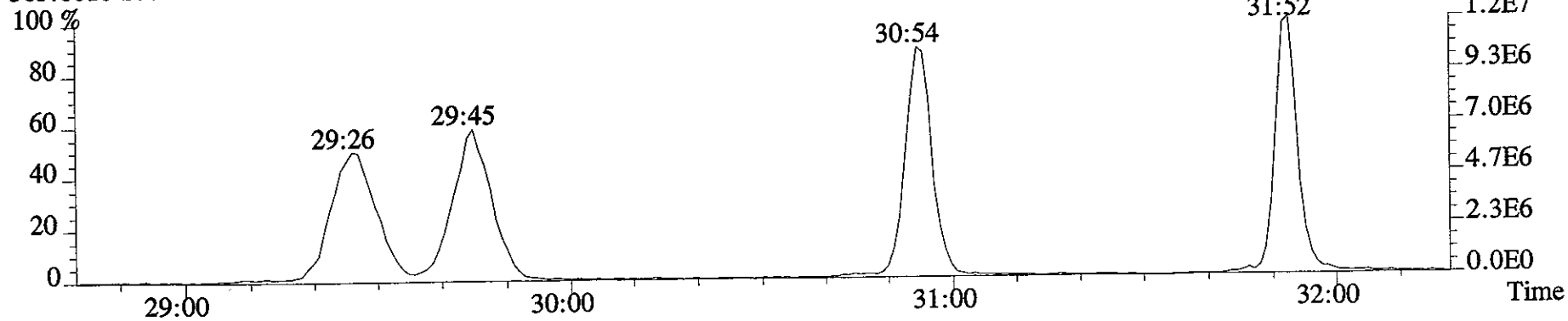
File:10JA061D5 #1-486 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN
373.8208 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13308.0,1.00%,F,T)



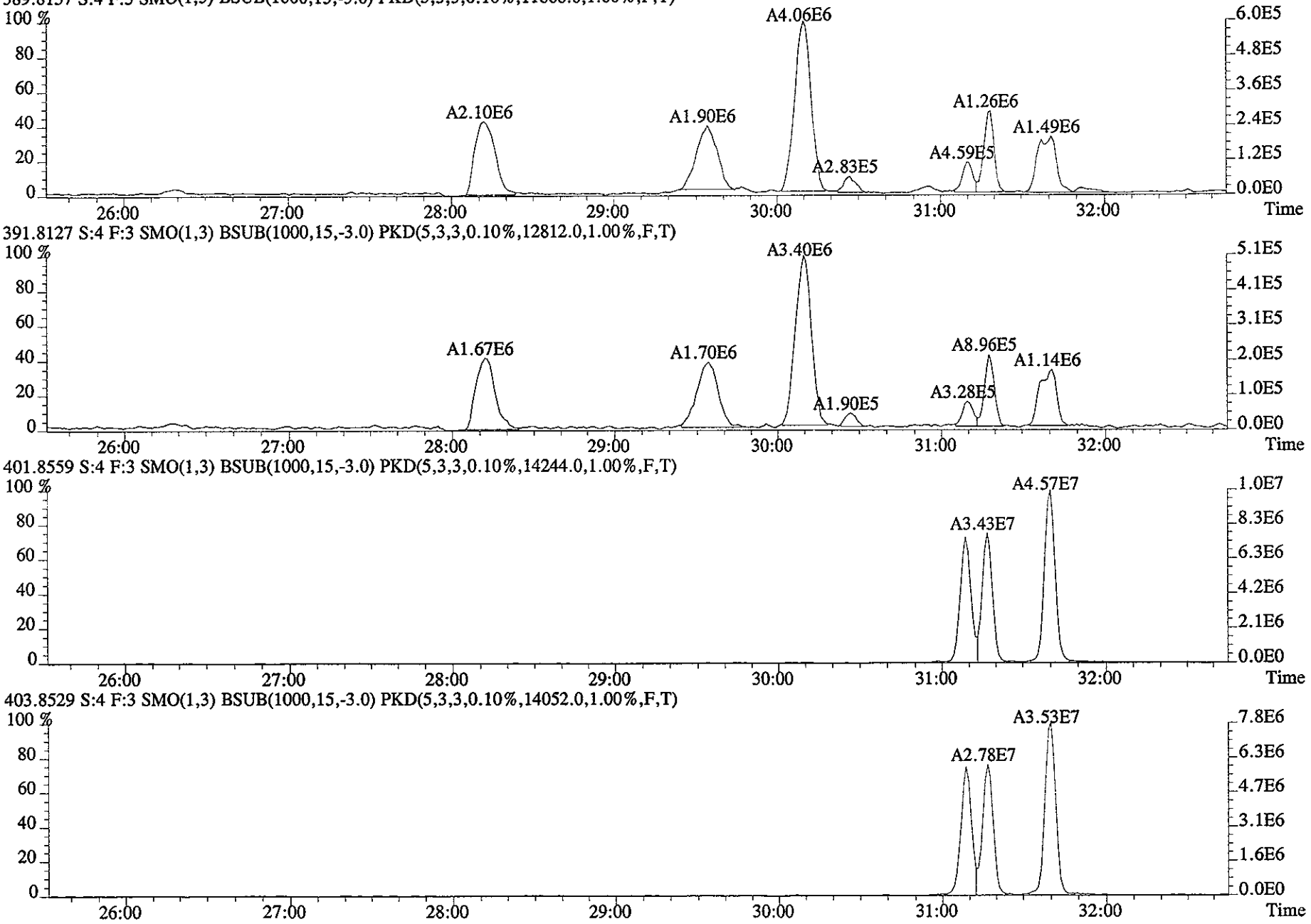
375.8178 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11228.0,1.00%,F,T)



385.8610 S:4 F:3



File:10JA061D5 #1-486 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN

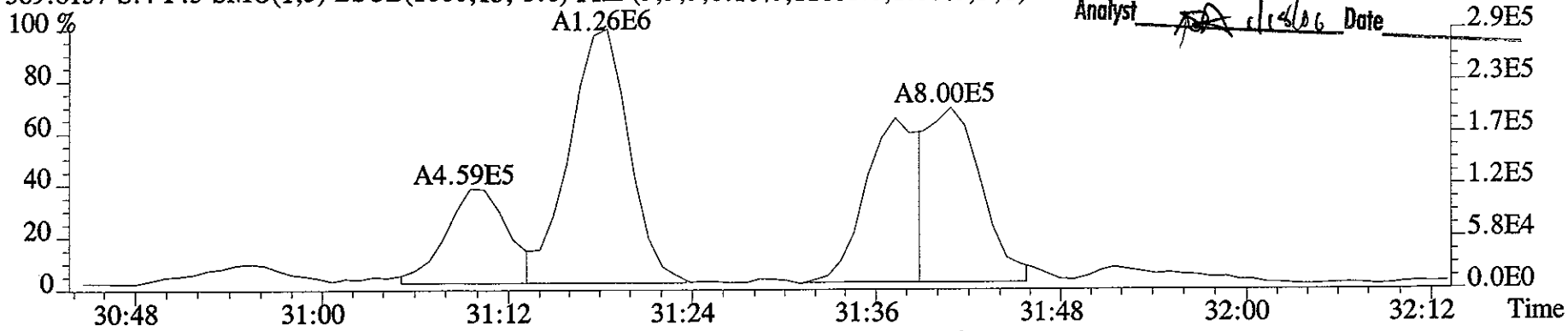


MANUAL EDIT CODES

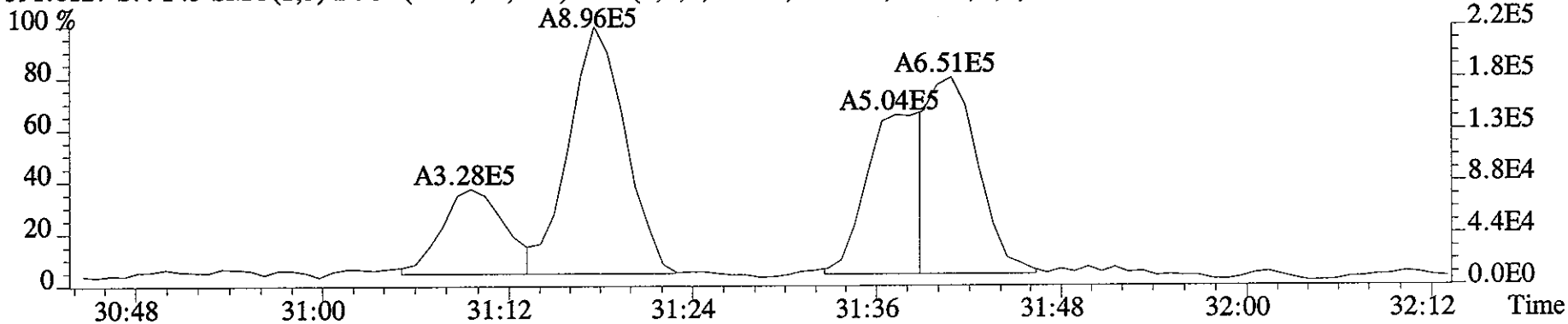
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

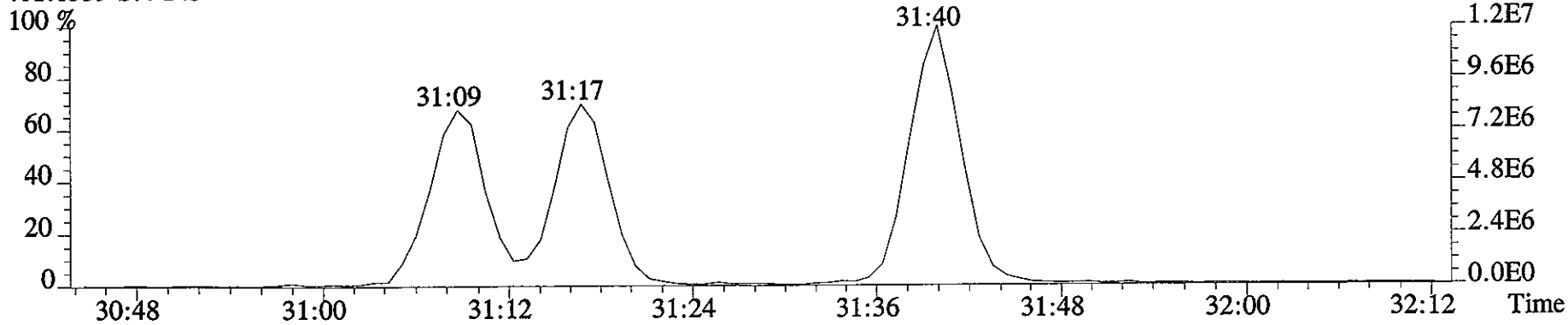
File:10JA061D5 #1-486 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN
389.8157 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11868.0,1.00%,F,T)



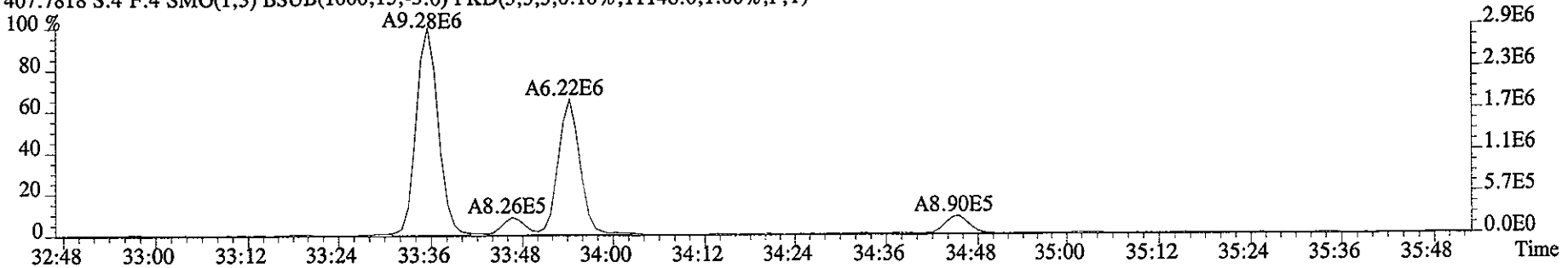
391.8127 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12812.0,1.00%,F,T)



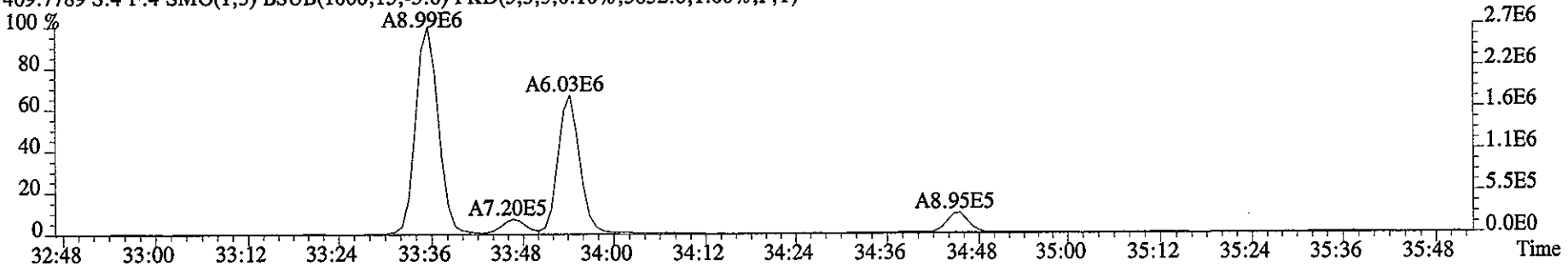
401.8559 S:4 F:3



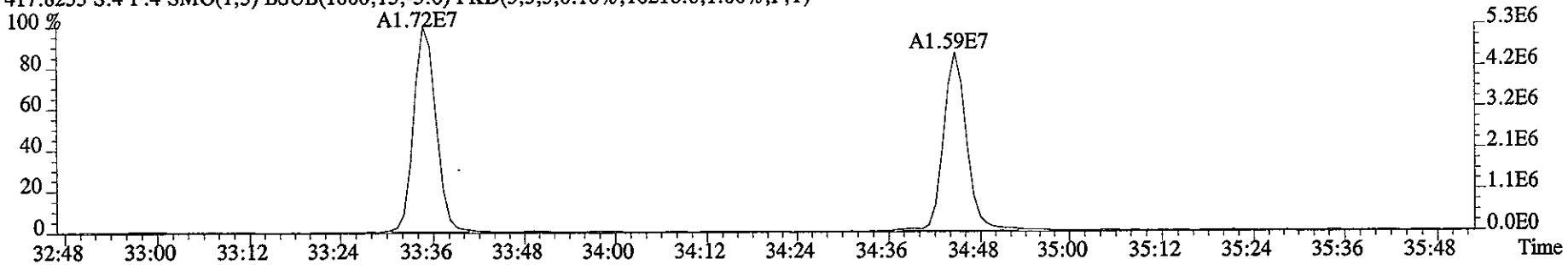
File:10JA061D5 #1-219 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN
407.7818 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11148.0,1.00%,F,T)



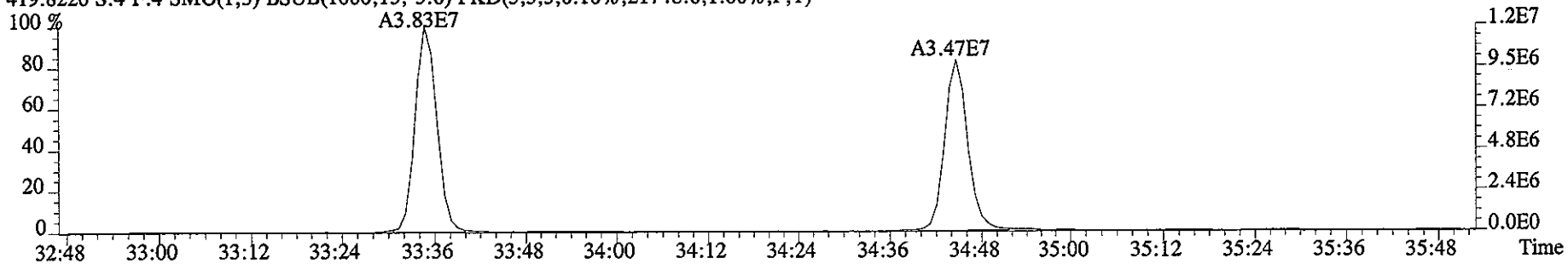
409.7789 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5832.0,1.00%,F,T)



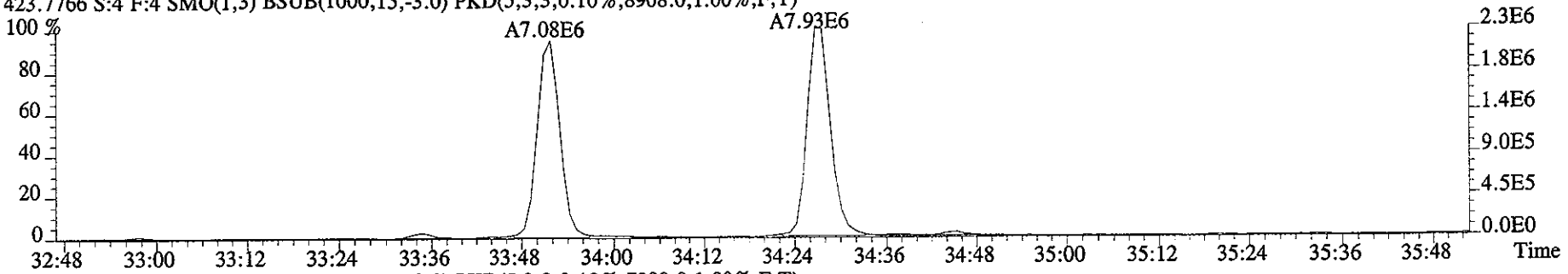
417.8253 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16216.0,1.00%,F,T)



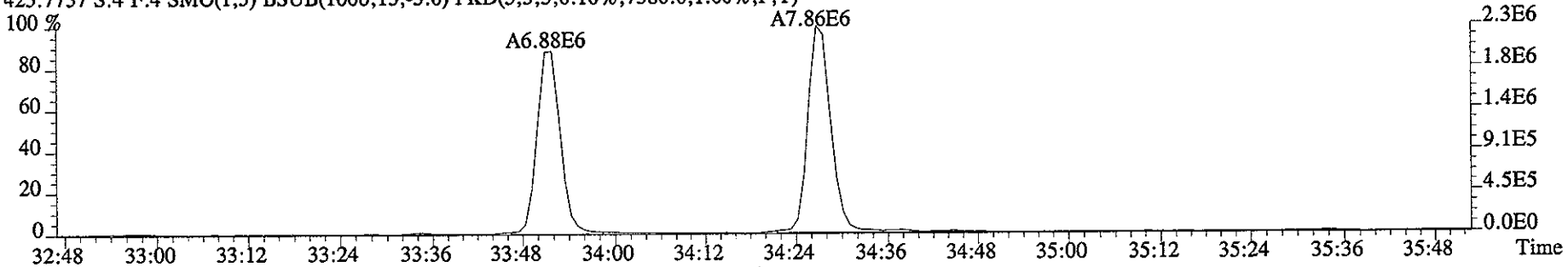
419.8220 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21748.0,1.00%,F,T)



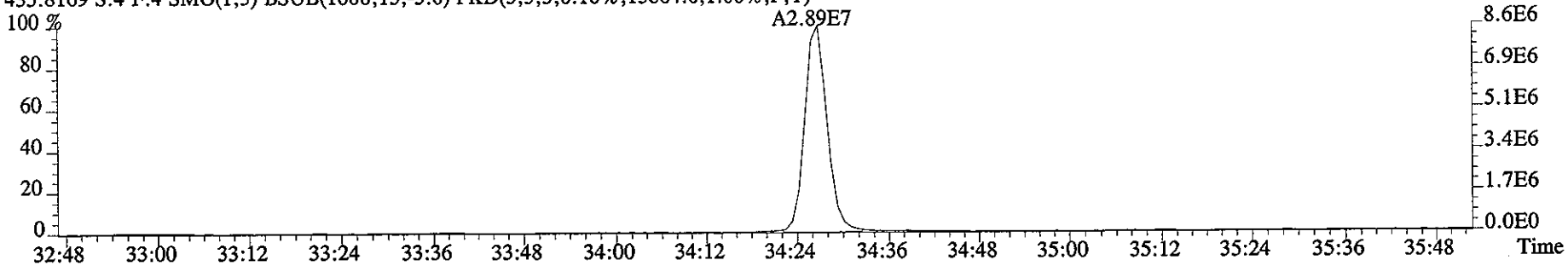
File:10JA061D5 #1-219 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN
423.7766 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8908.0,1.00%,F,T)



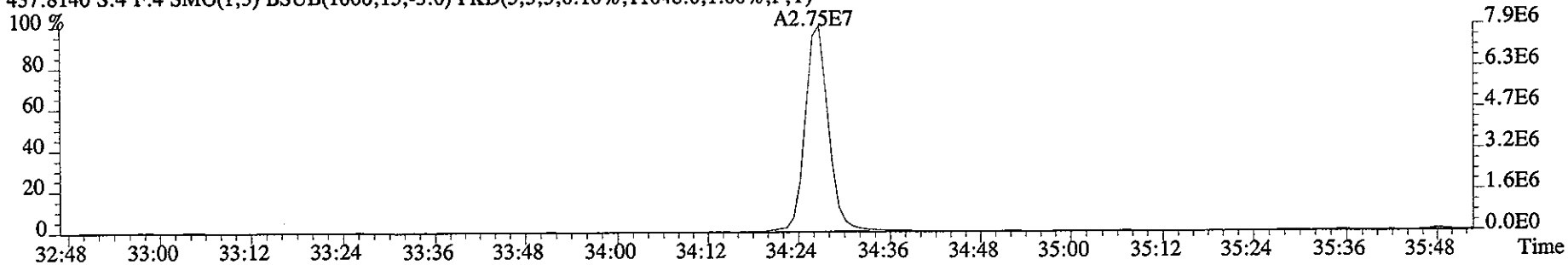
425.7737 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7380.0,1.00%,F,T)



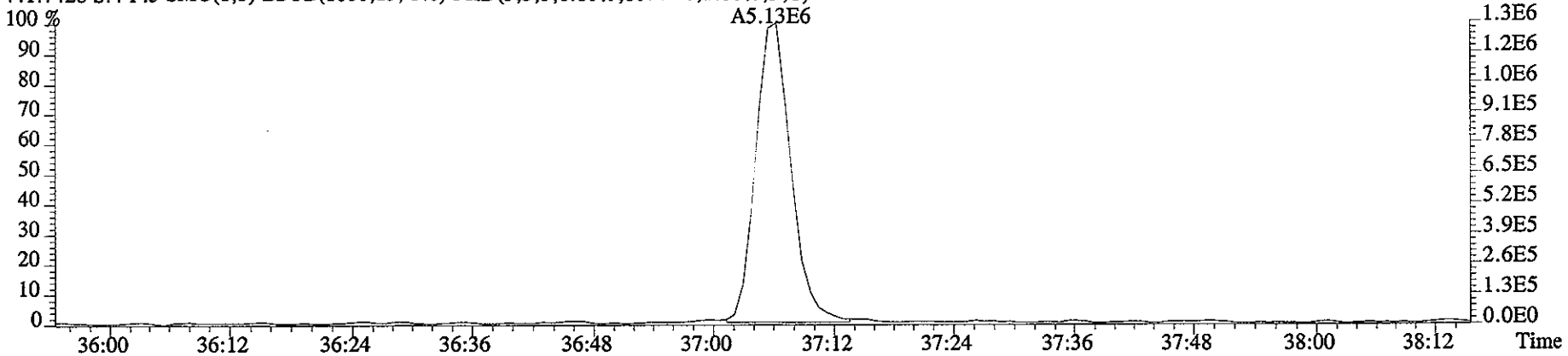
435.8169 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13864.0,1.00%,F,T)



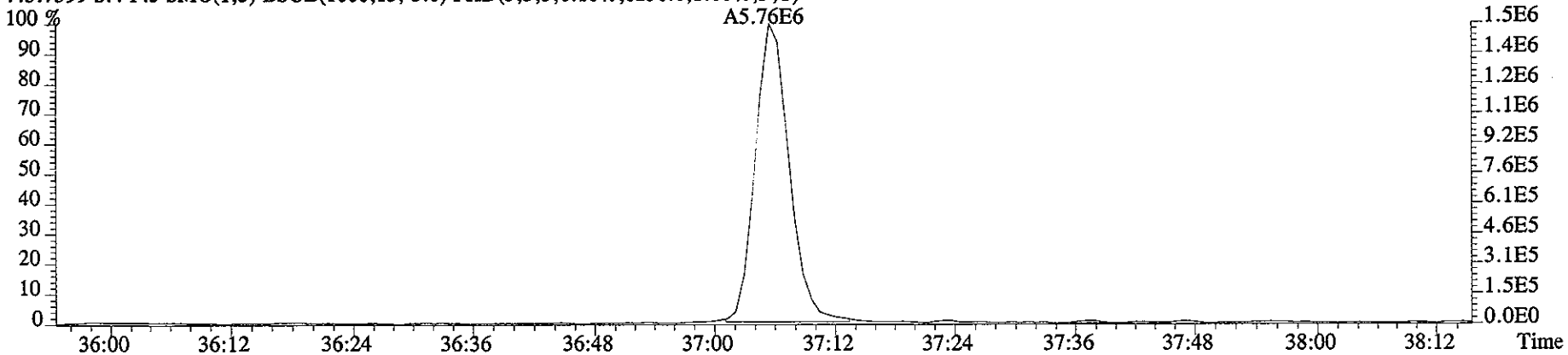
437.8140 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11048.0,1.00%,F,T)



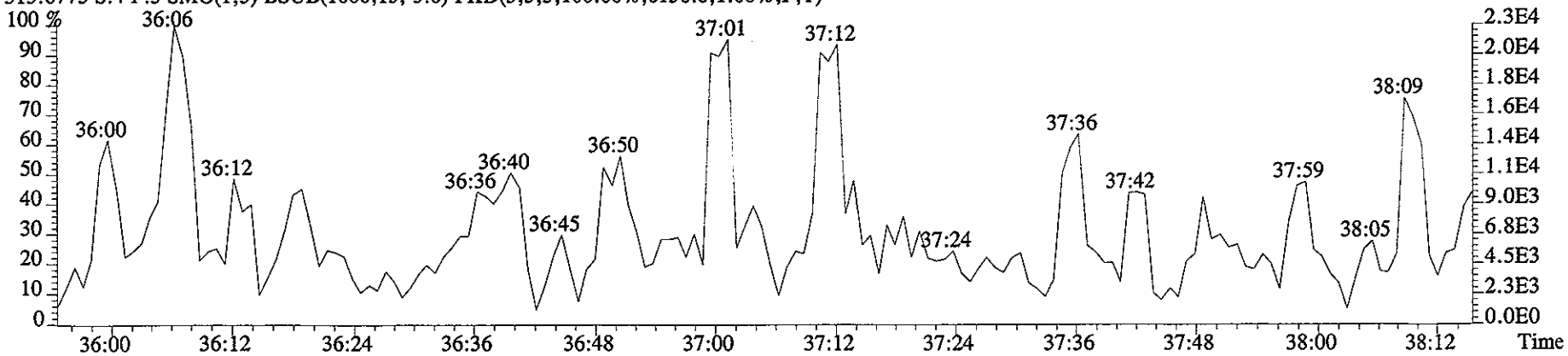
File:10JA061D5 #1-170 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN
441.7428 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10744.0,1.00%,F,T)



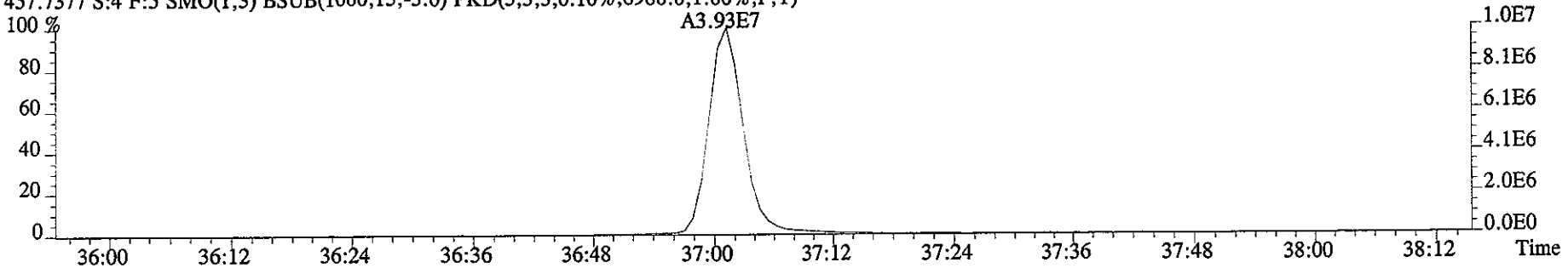
443.7399 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8236.0,1.00%,F,T)



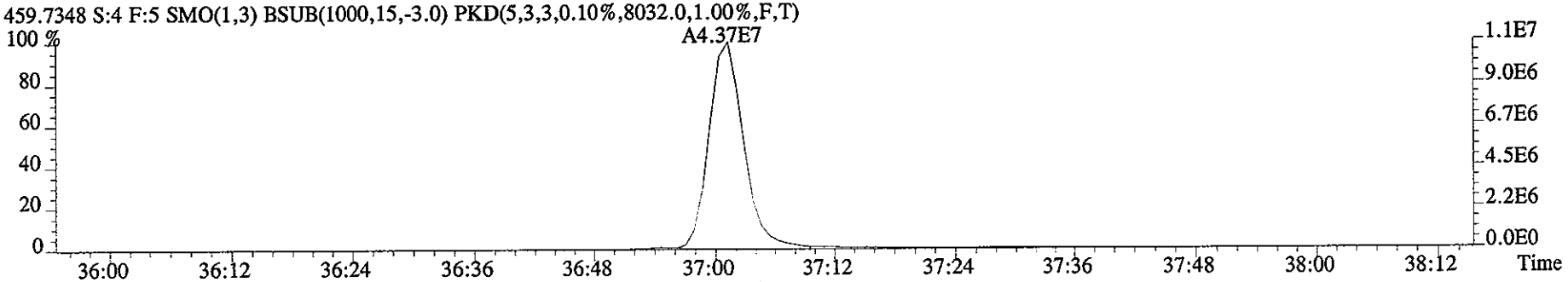
513.6775 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,6156.0,1.00%,F,T)



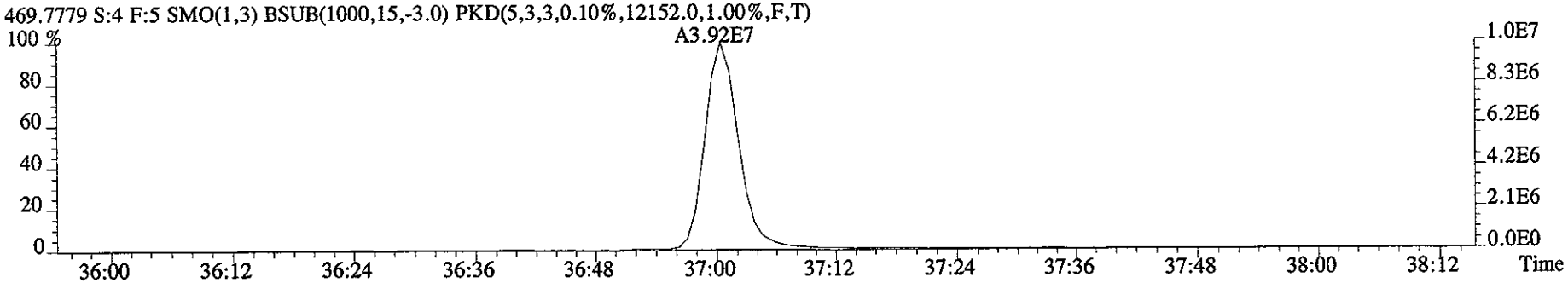
File:10JA061D5 #1-170 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN
457.7377 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8980.0,1.00%,F,T)



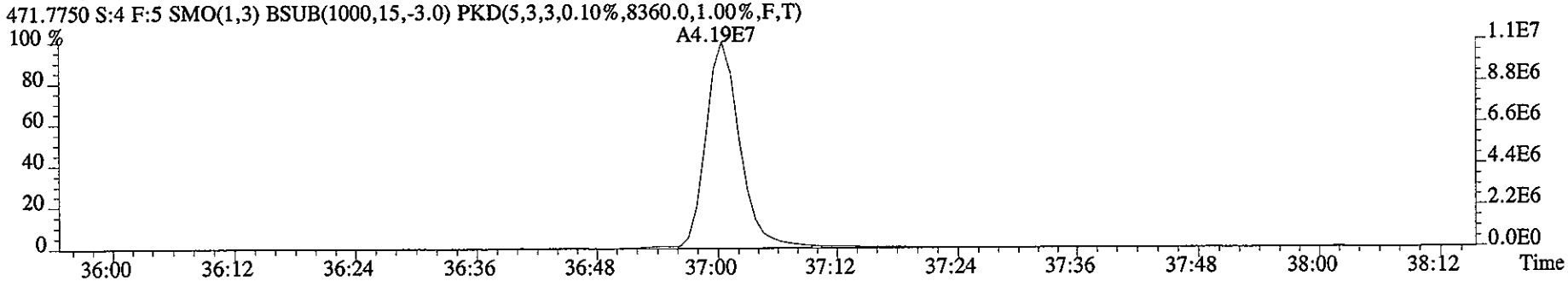
459.7348 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8032.0,1.00%,F,T)



469.7779 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12152.0,1.00%,F,T)

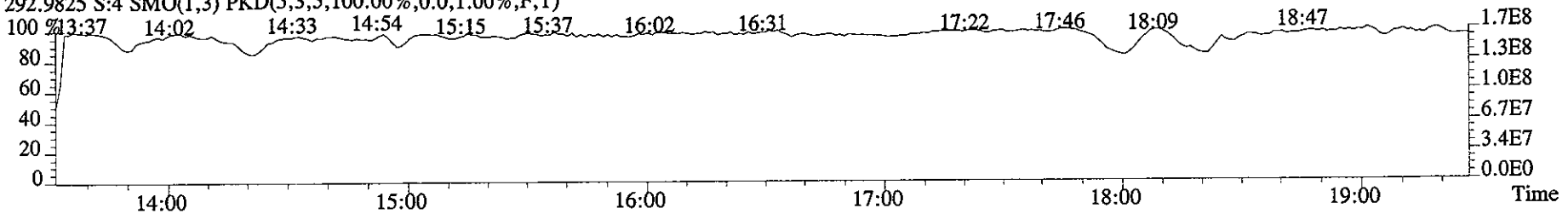


471.7750 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8360.0,1.00%,F,T)

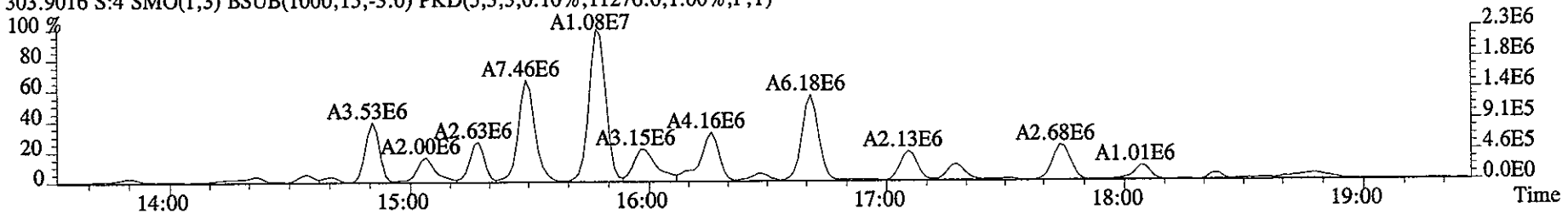


File:10JA061D5 #1-322 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN

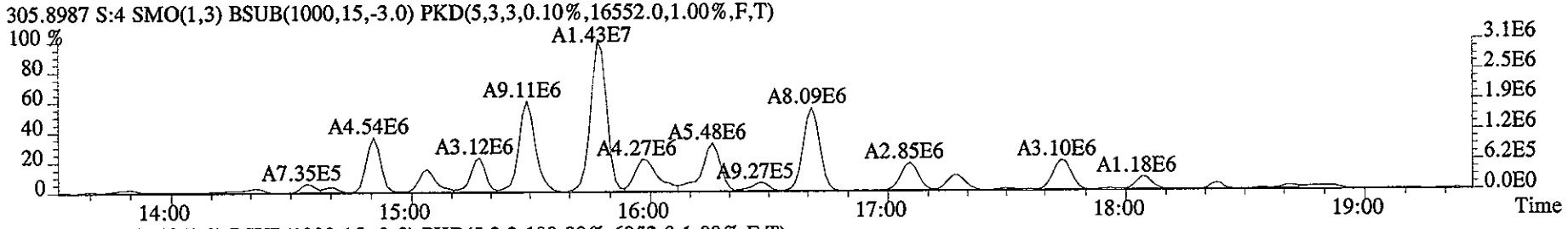
292.9825 S:4 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



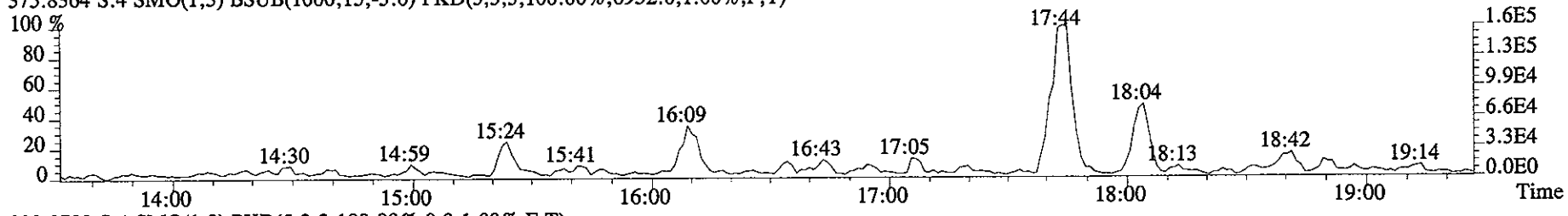
303.9016 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11276.0,1.00%,F,T)



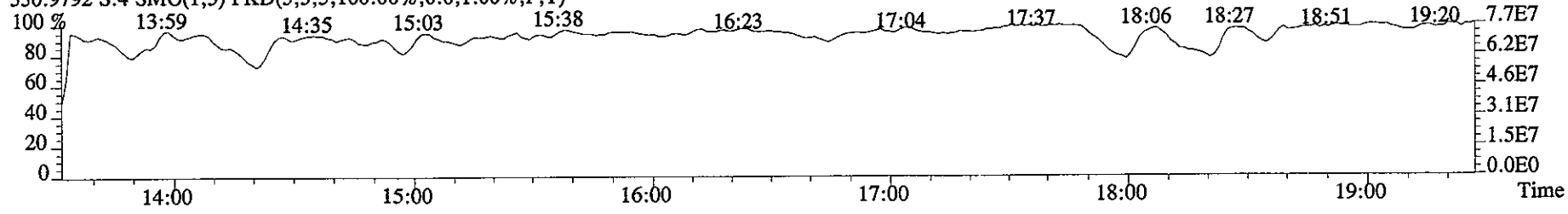
305.8987 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16552.0,1.00%,F,T)



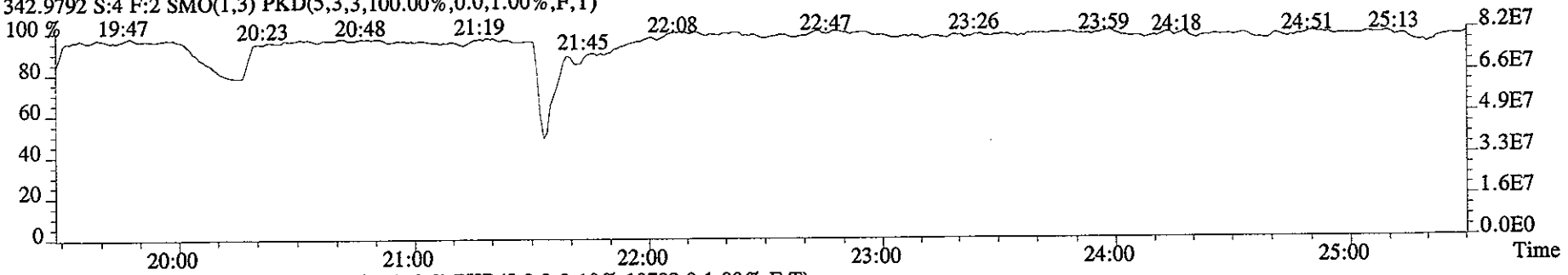
375.8364 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6952.0,1.00%,F,T)



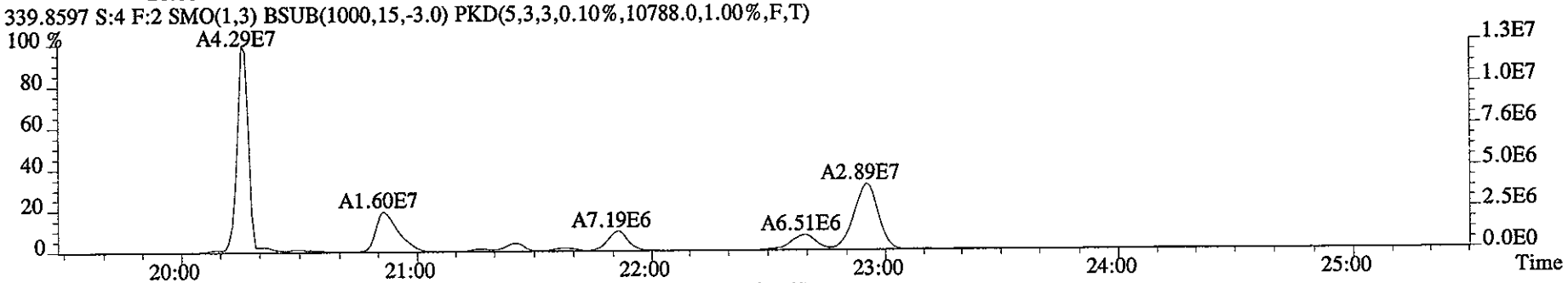
330.9792 S:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



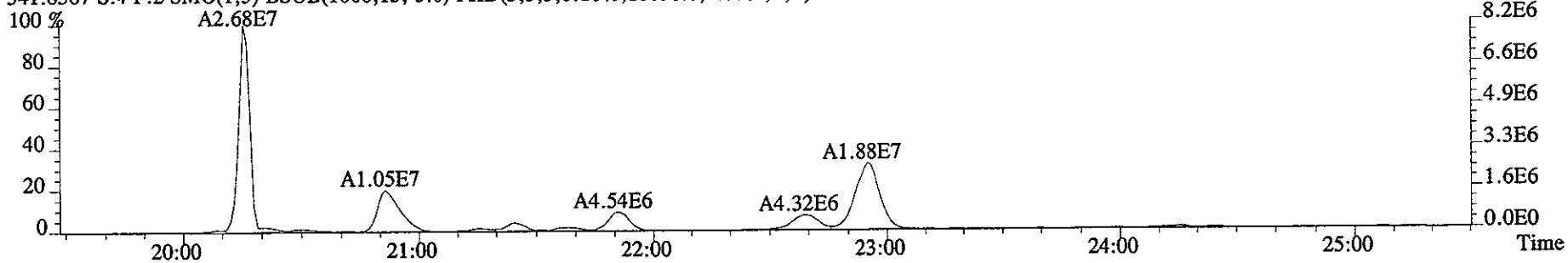
File:10JA061D5 #1-425 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN
342.9792 S:4 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



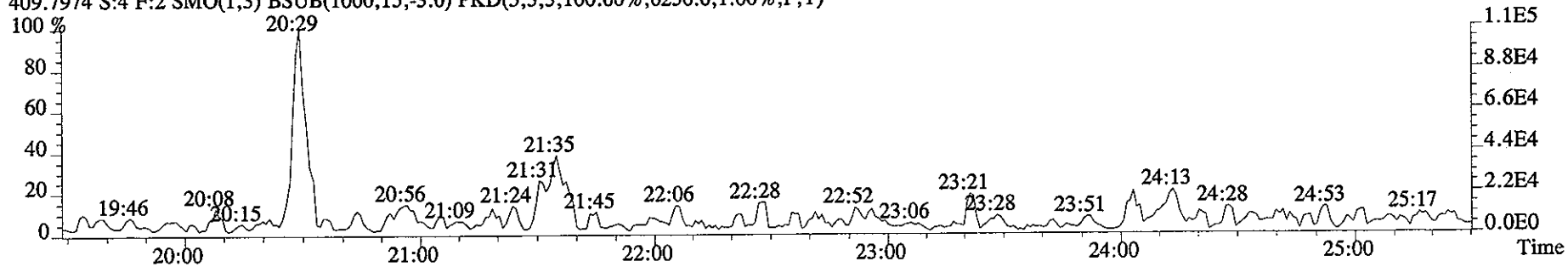
339.8597 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10788.0,1.00%,F,T)



341.8567 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10056.0,1.00%,F,T)

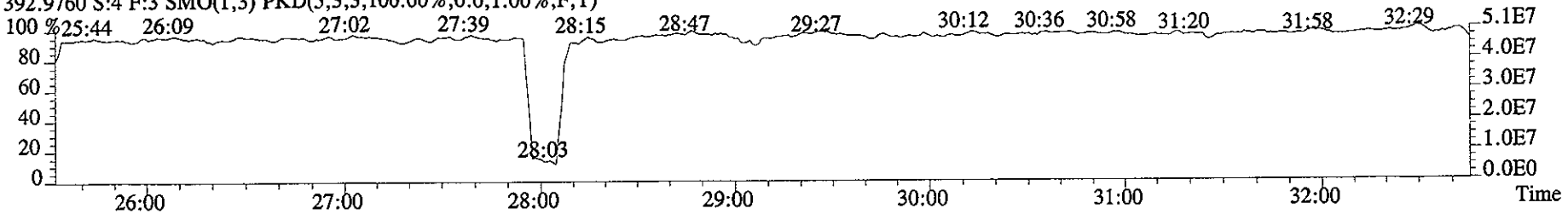


409.7974 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6256.0,1.00%,F,T)

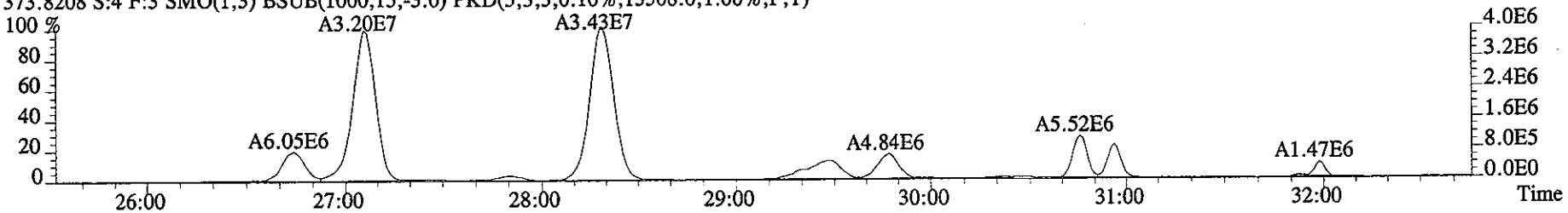


File:10JA061D5 #1-486 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN

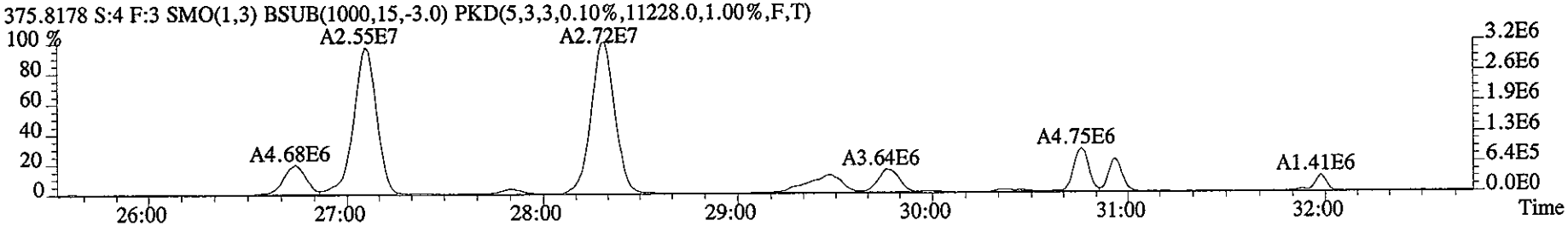
392.9760 S:4 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



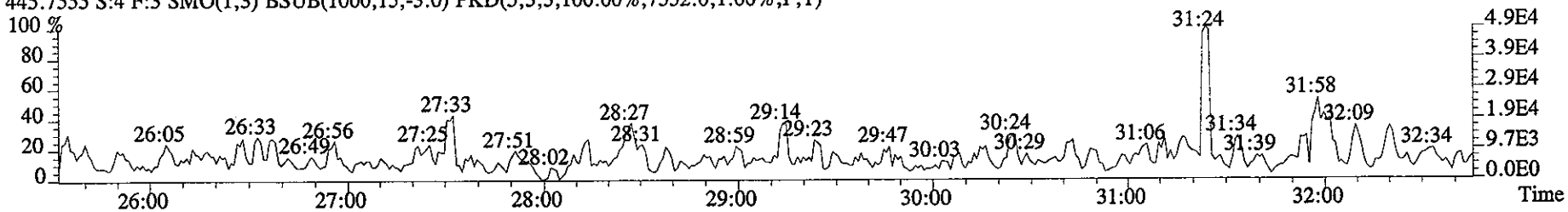
373.8208 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13308.0,1.00%,F,T)



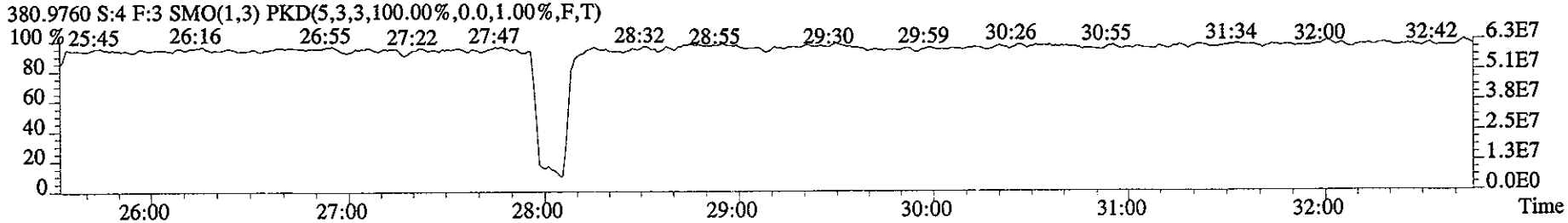
375.8178 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11228.0,1.00%,F,T)



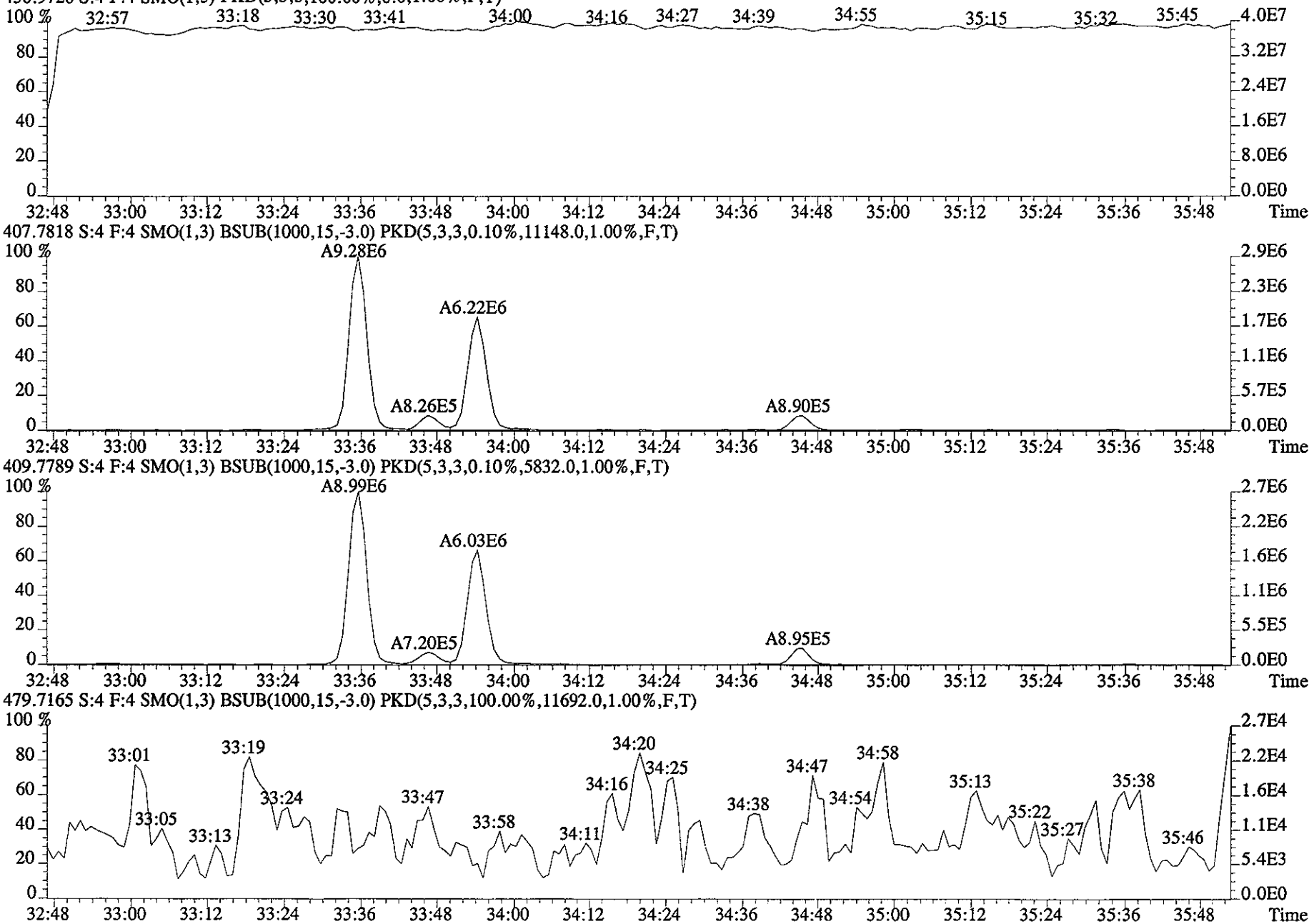
445.7555 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7552.0,1.00%,F,T)



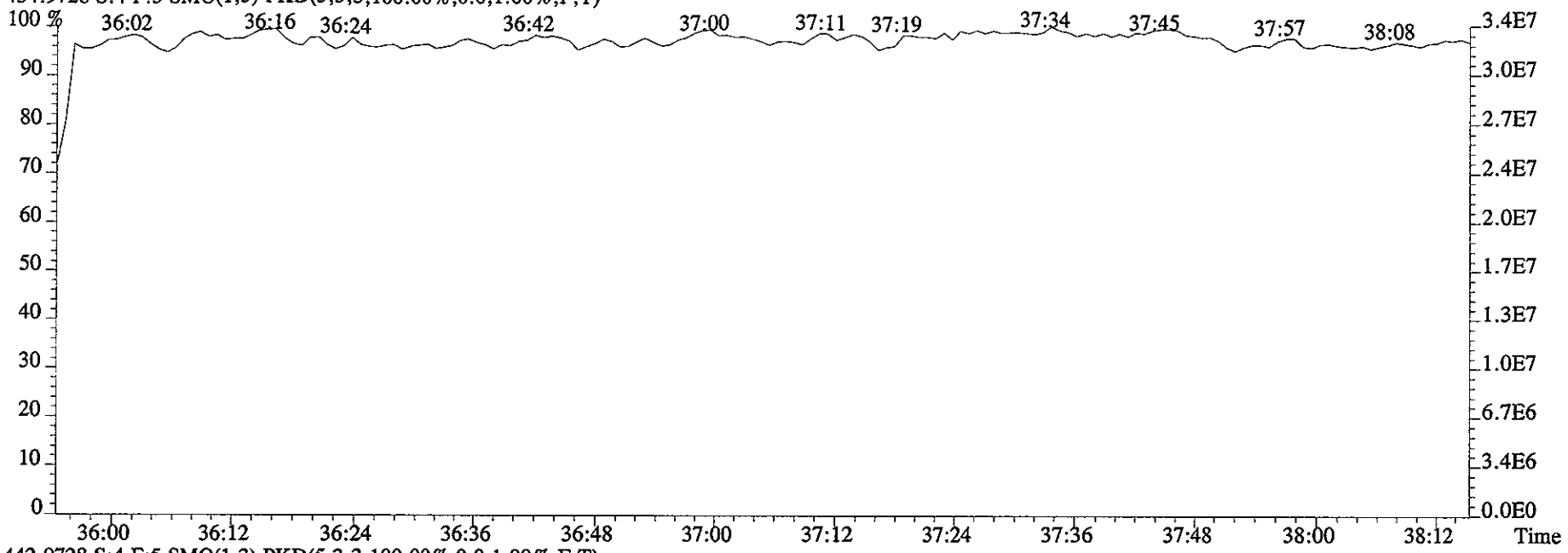
380.9760 S:4 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



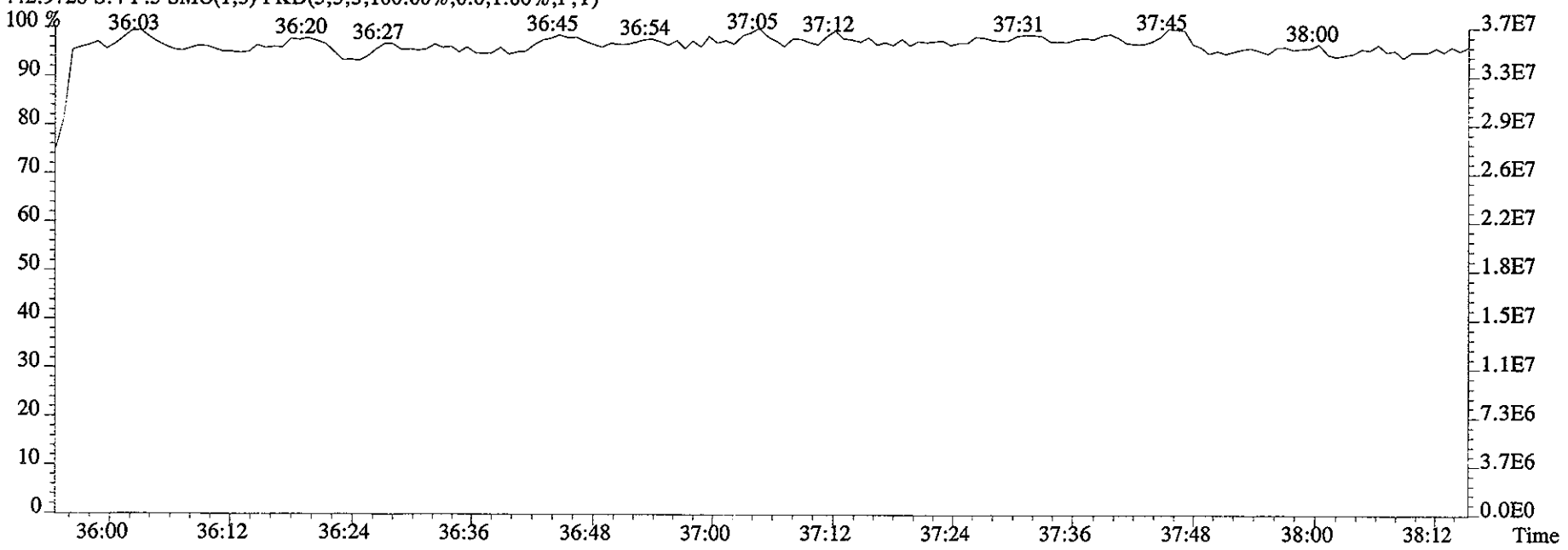
File:10JA061D5 #1-219 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN



File:10JA061D5 #1-170 Acq:10-JAN-2006 11:40:14 GC EI+ Voltage SIR 70SE
Sample#4 Text:HT1WK-1-AC :G5L300272-5 Exp:DIOXIN
454.9728 S:4 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:4 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



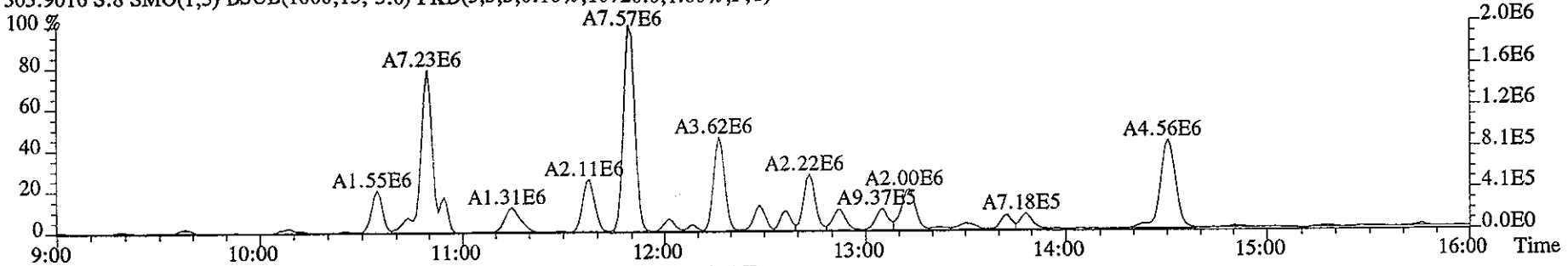
Run text: HT1WK-1-AC Sample text: HT1WK-1-AC :G5L300272-5
Run #11 Filename: 10JA067D2 S: 8 I: 1 Results: 10JA067D2DB225
Acquired: 10-JAN-06 14:00:09 Processed: 11-JAN-06 09:08:06
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000¬g

Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	82993800	0.81	y	11:52	-	4.25		-	-	n
13C-2,3,7,8-TCDF	115202000	0.79	y	12:43	1.50	185.68		0.56	92.8	n
2,3,7,8-TCDF	5142480	0.76	y	12:44	0.92	9.71	COM	0.38	-	n
13C-2,3,7,8-TCDD	57597900	0.79	y	11:40	0.81	171.86		0.57	85.9	n
2,3,7,8-TCDD	1320292	0.80	y	11:42	1.23	3.72		0.37	-	n
37Cl-2,3,7,8-TCDD	66546200	1.00	y	11:41	1.96	81.68		0.24	102.1	n

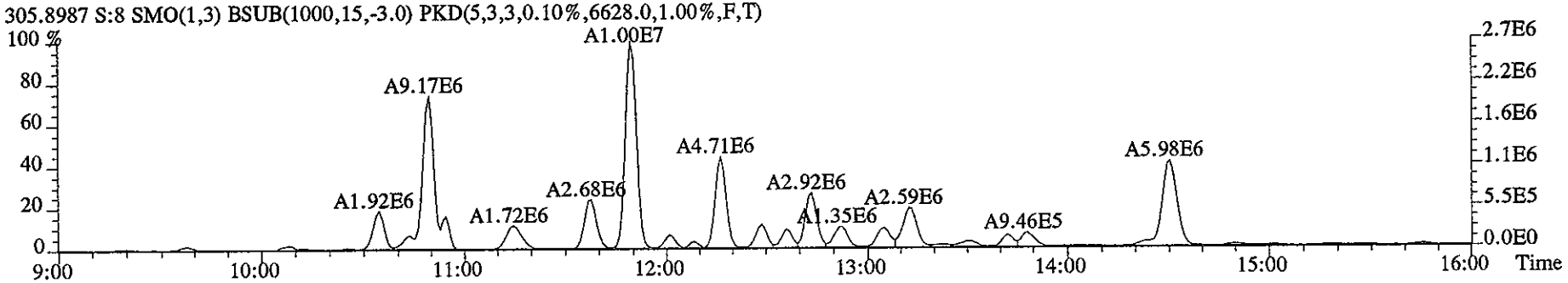
1/18

File:10JA067D2 #1-1169 Acq:10-JAN-2006 14:00:09 GC EI+ Voltage SIR 70S
Sample#8 Text:HT1WK-1-AC :G5L300272-5 Exp:DB225

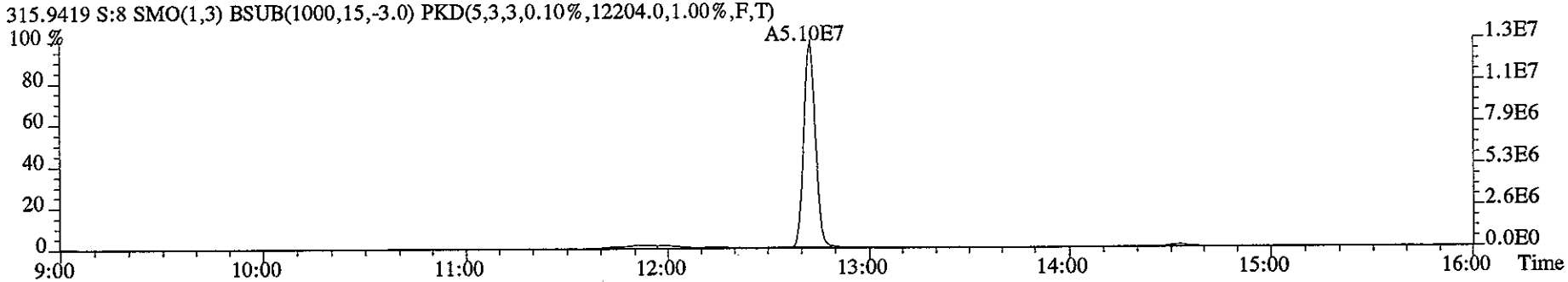
303.9016 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10720.0,1.00%,F,T)



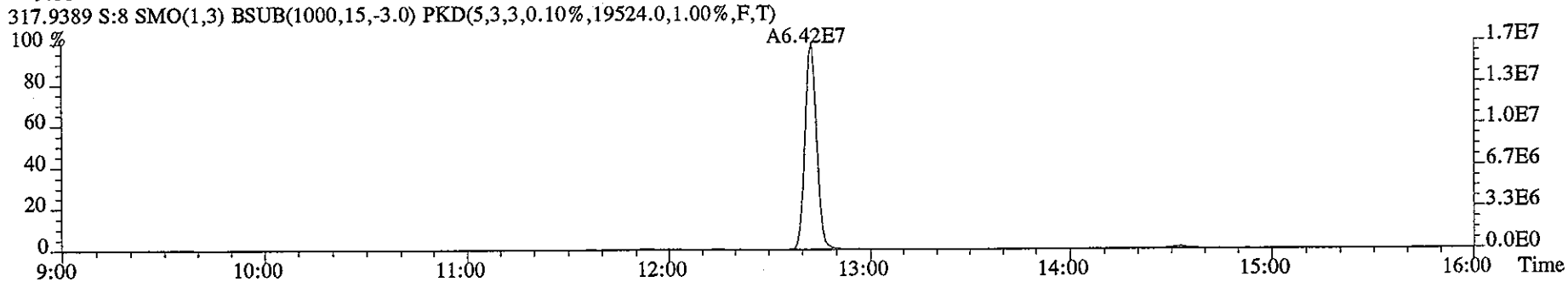
305.8987 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6628.0,1.00%,F,T)



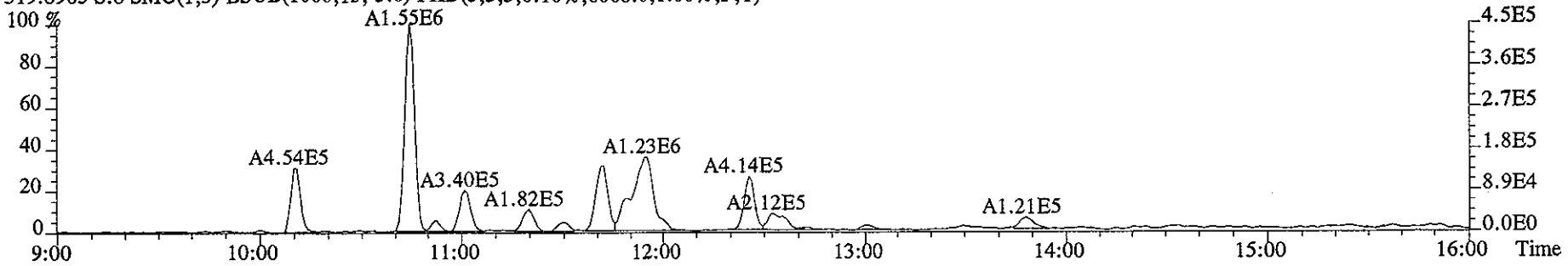
315.9419 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12204.0,1.00%,F,T)



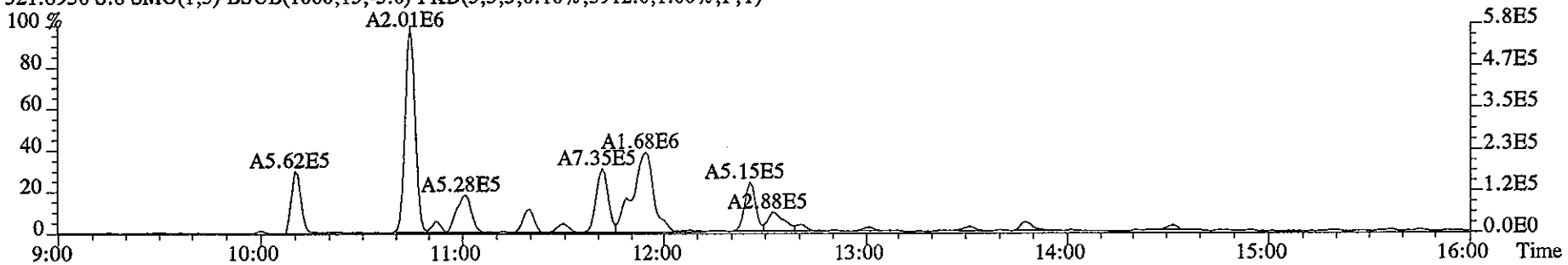
317.9389 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19524.0,1.00%,F,T)



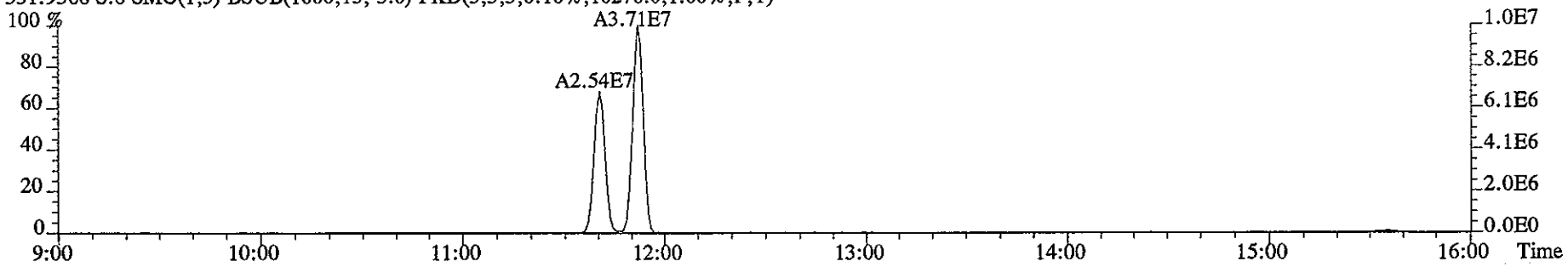
File:10JA067D2 #1-1169 Acq:10-JAN-2006 14:00:09 GC EI+ Voltage SIR 70S
Sample#8 Text:HT1WK-1-AC :G5L300272-5 Exp:DB225
319.8965 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6068.0,1.00%,F,T)



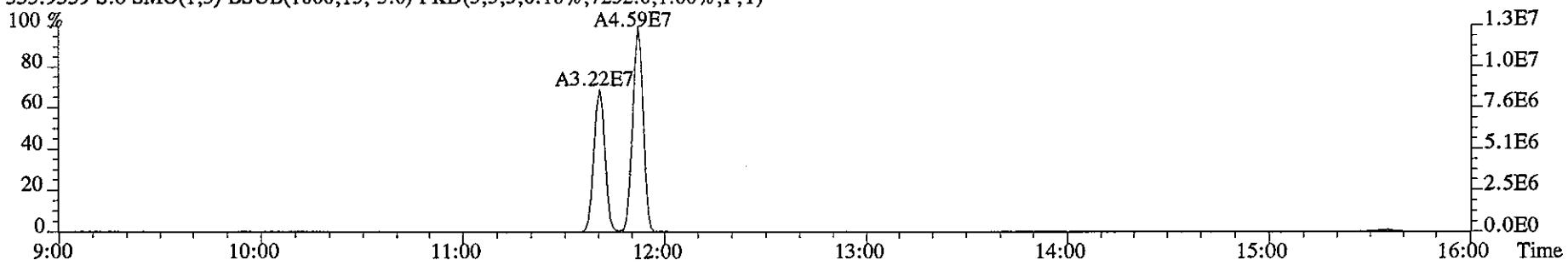
321.8936 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5912.0,1.00%,F,T)



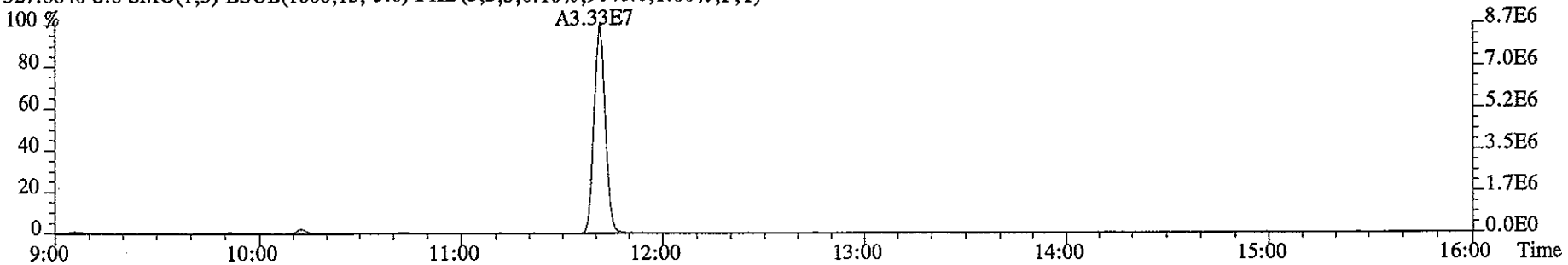
331.9368 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10276.0,1.00%,F,T)



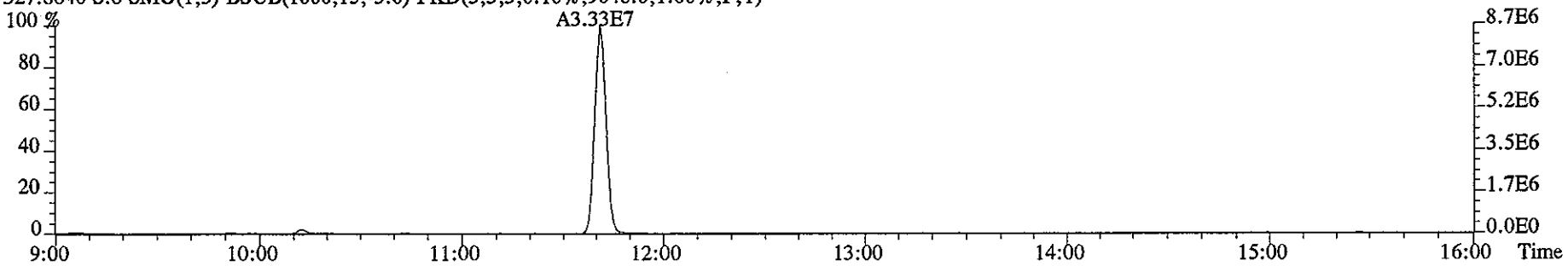
333.9339 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7252.0,1.00%,F,T)



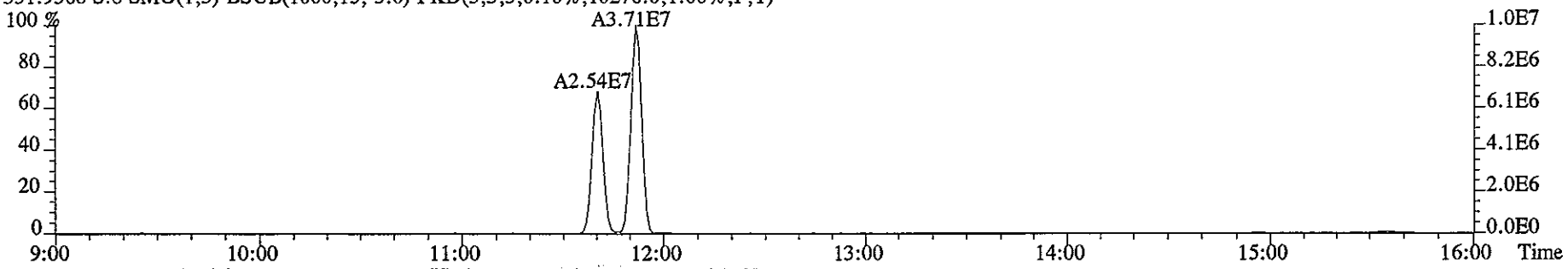
File:10JA067D2 #1-1169 Acq:10-JAN-2006 14:00:09 GC EI+ Voltage SIR 70S
Sample#8 Text:HT1WK-1-AC :G5L300272-5 Exp:DB225
327.8840 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9048.0,1.00%,F,T)



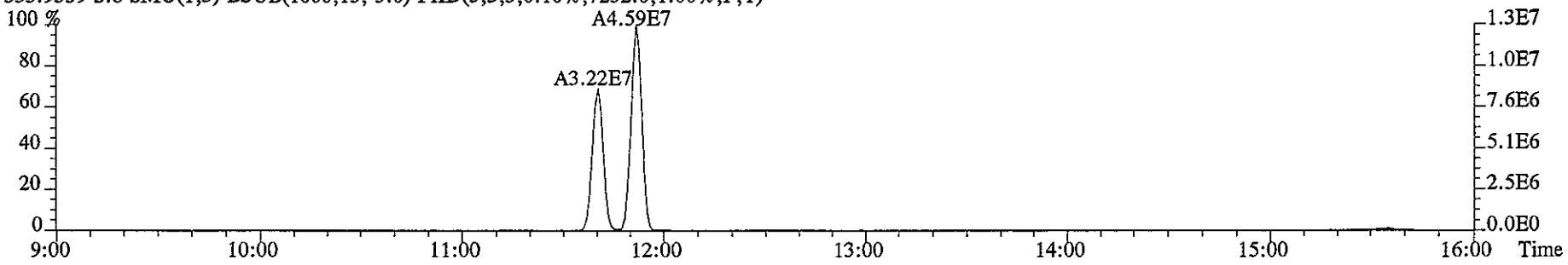
327.8840 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9048.0,1.00%,F,T)



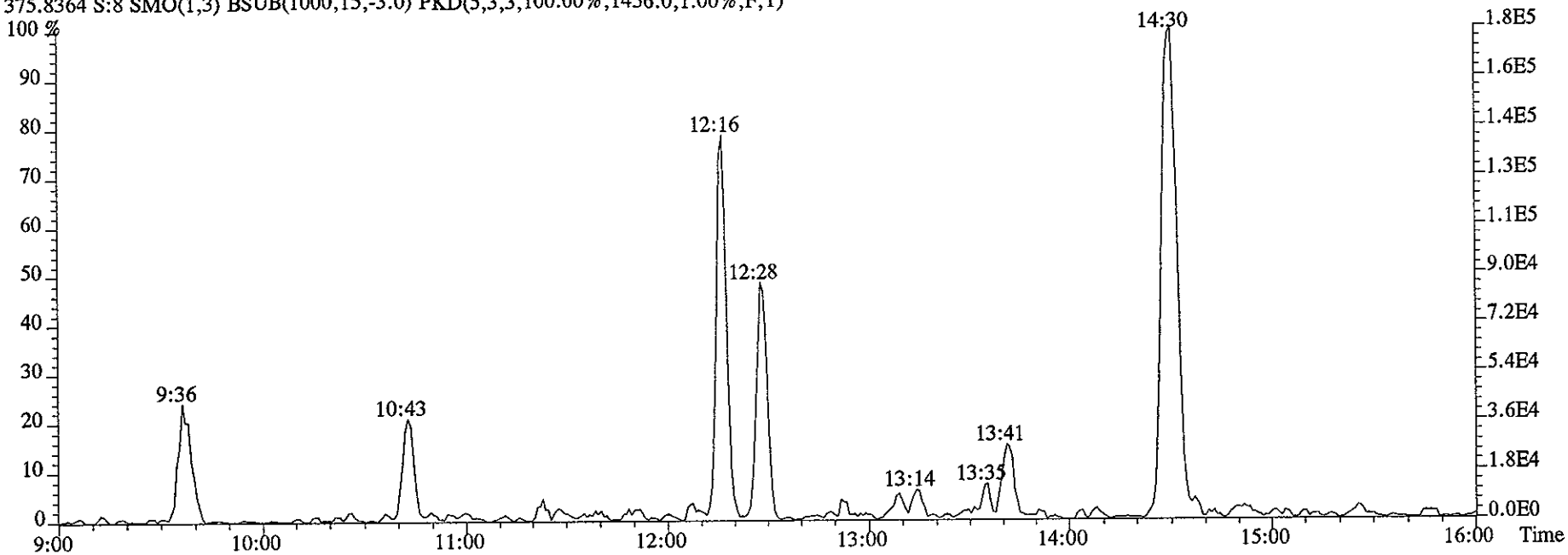
331.9368 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10276.0,1.00%,F,T)



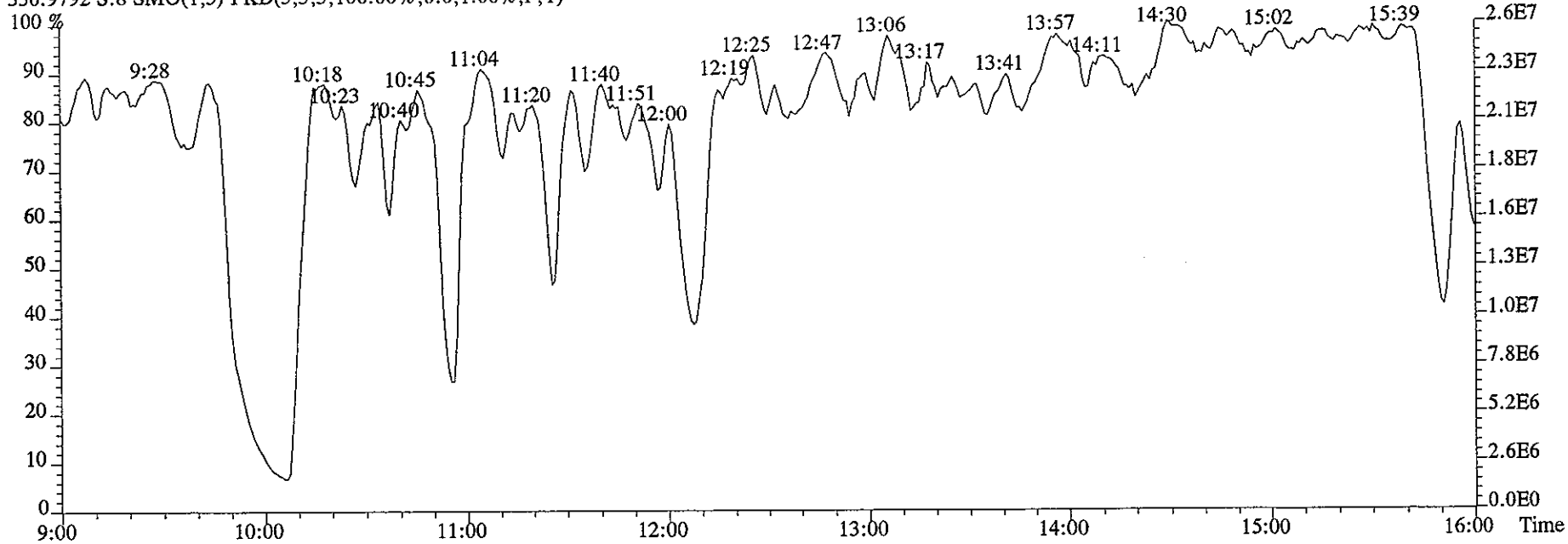
333.9339 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7252.0,1.00%,F,T)



File:10JA067D2 #1-1169 Acq:10-JAN-2006 14:00:09 GC EI+ Voltage SIR 70S
Sample#8 Text:HT1WK-1-AC :G5L300272-5 Exp:DB225
375.8364 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1456.0,1.00%,F,T)



330.9792 S:8 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6
Run #8 Filename: 10JA061D5 S: 5 I: 1 Results: 10ja061d58290w
Acquired: 10-JAN-06 12:21:53 Processed: 10-JAN-06 16:04:18
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	89922000	0.82	y	17:10	-	8.59		-	-	n
13C-2,3,7,8-TCDF	117998500	0.78	y	16:41	1.68	155.96		0.70	78.0	n
2,3,7,8-TCDF	11087270	0.78	y	16:42	1.16	16.16 See DB225		0.64	-	n
Total TCDF	93461480	0.80	y	13:52	1.16	~~136.23~~ 124.12		0.64	-	n
13C-2,3,7,8-TCDD	64353700	0.81	y	17:23	0.90	159.72		1.39	79.9	n
2,3,7,8-TCDD	415191	0.85	y	17:25	1.32	0.98 J		0.72	-	y
Total TCDD	6432691	0.67	y	15:14	1.32	15.12		0.72	-	y
37Cl-2,3,7,8-TCDD	69273000	1.00	y	17:24	2.44	63.03		0.40	78.8	n
13C-1,2,3,7,8-PeCDF	102043400	1.58	y	21:24	1.54	146.91		0.64	73.5	n
1,2,3,7,8-PeCDF	3280070	1.63	y	21:25	1.00	6.40		0.71	-	n
2,3,4,7,8-PeCDF	8605250	1.58	y	22:40	1.05	16.08		0.68	-	n
Total F2 PeCDF	148568170	1.57	y	20:18	1.03	~~283.45~~		0.70	-	n
Total F1 PeCDF	36184183	0.72	n	14:36	1.03	~~69.09~~ 324.82		0.58	-	n
13C-1,2,3,7,8-PeCDD	65920600	1.57	y	23:20	0.91	160.42		0.93	80.2	n
1,2,3,7,8-PeCDD	863717	1.67	y	23:21	1.04	2.51 J		1.04	-	n
Total PeCDD	9209368	1.23	n	20:20	1.04	~~26.78~~ 18.12		1.04	-	n
13C-1,2,3,7,8,9-HxCDD	76548200	1.27	y	31:40	-	7.95		-	-	n
13C-1,2,3,4,7,8-HxCDF	70971300	0.52	y	29:25	1.38	134.07		1.33	67.0	y
1,2,3,4,7,8-HxCDF	6777060	1.20	y	29:27	1.11	17.20		2.41	-	y
1,2,3,6,7,8-HxCDF	7326960	1.20	y	29:46	1.14	18.11		2.35	-	y
2,3,4,6,7,8-HxCDF	7194620	1.29	y	30:55	1.06	19.05		2.52	-	n
1,2,3,7,8,9-HxCDF	299957	1.14	y	31:54	1.02	~~0.83~~		2.63	-	y
Total HxCDF	155018653	1.31	y	26:43	1.08	~~402.28~~ 401.45		2.47	-	y
13C-1,2,3,6,7,8-HxCDD	59403900	1.26	y	31:17	0.96	162.07		0.85	81.0	n
1,2,3,4,7,8-HxCDD	583357	1.30	y	31:09	0.95	2.06 DC		1.77	-	n
1,2,3,6,7,8-HxCDD	1568386	1.29	y	31:18	1.00	5.27		1.68	-	n
1,2,3,7,8,9-HxCDD	809291	1.36	y	31:41	1.04	2.61 J		1.61	-	y
Total HxCDD	14363080	1.29	y	28:12	1.00	~~48.34~~ 46.28		1.69	-	y
13C-1,2,3,4,6,7,8-HpCDF	51668500	0.47	y	33:35	1.13	119.52		1.70	59.8	n
1,2,3,4,6,7,8-HpCDF	19861020	1.03	y	33:35	1.31	58.66		0.96	-	n
1,2,3,4,7,8,9-HpCDF	1795080	1.02	y	34:45	1.19	5.84		1.05	-	n
Total HpCDF	34544991	1.03	y	33:35	1.25	104.39		1.00	-	n
13C-1,2,3,4,6,7,8-HpCDD	49865800	1.06	y	34:26	1.00	130.54		1.52	65.3	n
1,2,3,4,6,7,8-HpCDD	13333870	1.04	y	34:27	0.95	56.39		1.49	-	n
Total HpCDD	25170058	2.97	n	33:34	0.95	~~106.44~~ 105.97		1.49	-	n
13C-OCDD	68843300	0.89	y	36:59	~~0.81~~ 0.64	222.24		1.68	~~55.6~~ 70.4	n

OCDF	9570830	0.85	y	37:04	1.32	42.17	1.31	- n
OCDD	58576700	0.89	y	37:00	1.00	338.70	1.38	- n

Run text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6
Run #8 Filename: 10JA061D5 S: 5 I: 1 Results: 10JA061D58290
Acquired: 10-JAN-06 12:21:53 Processed: 10-JAN-06 16:04:18
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	89922000	0.82	y	17:10	-	8.59	-	-	n
13C-2,3,7,8-TCDF	117998500	0.78	y	16:41	1.68	155.96	0.70	78.0	n
2,3,7,8-TCDF	11087270	0.78	y	16:42	1.16	16.16 20.00 NC	0.64	-	n
Total TCDF	93461480	0.80	y	13:52	1.16	~~136.23~~ 124.12	0.64	-	n
13C-2,3,7,8-TCDD	64353700	0.81	y	17:23	0.90	159.72	1.39	79.9	n
2,3,7,8-TCDD	282092	0.55	n	17:25	1.32	~~0.66~~ 0.98	0.72	-	n
Total TCDD	5785941	0.67	y	15:14	1.32	~~13.60~~ 15.12	0.72	-	n
37Cl-2,3,7,8-TCDD	69273000	1.00	y	17:24	2.44	63.03	0.40	78.8	n
13C-1,2,3,7,8-PeCDF	102043400	1.58	y	21:24	1.54	146.91	0.64	73.5	n
1,2,3,7,8-PeCDF	3280070	1.63	y	21:25	1.00	6.40	0.71	-	n
2,3,4,7,8-PeCDF	8605250	1.58	y	22:40	1.05	16.08	0.68	-	n
Total F2 PeCDF	148568170	1.57	y	20:18	1.03	~~283.45~~	0.70	-	n
Total F1 PeCDF	36184183	0.72	n	14:36	1.03	~~69.09~~ 324.82	0.58	-	n
13C-1,2,3,7,8-PeCDD	65920600	1.57	y	23:20	0.91	160.42	0.93	80.2	n
1,2,3,7,8-PeCDD	863717	1.67	y	23:21	1.04	2.51	1.04	-	n
Total PeCDD	9209368	1.23	n	20:20	1.04	~~26.78~~ 18.12	1.04	-	n
13C-1,2,3,7,8,9-HxCDD	76548200	1.27	y	31:40	-	7.95	-	-	n
13C-1,2,3,4,7,8-HxCDF	74118400	0.48	y	29:25	1.38	140.01	1.33	70.0	n
1,2,3,4,7,8-HxCDF	10406210	1.31	y	29:27	1.11	25.28	2.38	-	n
1,2,3,6,7,8-HxCDF	7034520	1.30	y	29:46	1.14	16.65	2.32	-	n
2,3,4,6,7,8-HxCDF	7194620	1.29	y	30:55	1.06	18.25	2.49	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.02	~~0.83~~	2.60	-	n
Total HxCDF	154518447	1.31	y	26:43	1.08	~~383.72~~ 401.45	2.44	-	n
13C-1,2,3,6,7,8-HxCDD	59403900	1.26	y	31:17	0.96	162.07	0.85	81.0	n
1,2,3,4,7,8-HxCDD	583353	1.30	y	31:09	0.95	2.06 NC	1.77	-	n
1,2,3,6,7,8-HxCDD	1568380	1.29	y	31:18	1.00	5.27	1.68	-	n
1,2,3,7,8,9-HxCDD	1706672	1.25	y	31:41	1.04	~~5.50~~ 2.61 J	1.61	-	n
Total HxCDD	14349720	1.29	y	28:12	1.00	~~48.17~~ 46.28	1.69	-	n
13C-1,2,3,4,6,7,8-HpCDF	51668500	0.47	y	33:35	1.13	119.52	1.70	59.8	n
1,2,3,4,6,7,8-HpCDF	19861020	1.03	y	33:35	1.31	58.66	0.96	-	n
1,2,3,4,7,8,9-HpCDF	1795080	1.02	y	34:45	1.19	5.84	1.05	-	n
Total HpCDF	34544991	1.03	y	33:35	1.25	104.39	1.00	-	n
13C-1,2,3,4,6,7,8-HpCDD	49865800	1.06	y	34:26	1.00	130.54	1.52	65.3	n
1,2,3,4,6,7,8-HpCDD	13333870	1.04	y	34:27	0.95	56.39	1.49	-	n
Total HpCDD	25170058	2.97	n	33:34	0.95	~~106.44~~ 105.97	1.49	-	n
13C-OCDD	68843300	0.89	y	36:59	~~0.81~~ 0.64	222.24	1.68	70.4 ~~55.6~~	n
OCDF	9570830	0.85	y	37:04	1.32	42.17	1.31	-	n
OCDD	58576700	0.89	y	37:00	1.00	338.70	1.38	-	n

Run Text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:18
Run: 8 File: 10JA061D5 S:5 Acq:10-JAN-06 12:21:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	1362.32 of which	161.61 named and	1200.71 unnamed
Conc:	136.23 of which	16.16 named and	120.07 unnamed

12.11

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	13:52	0.80	y	0.82	248890	3.0	n	n
						312369	2.4	n	n
	2	14:24	1.02	y	1.65	652436	5.0	y	n
						639107	4.1	y	n
	3	14:37	0.84	y	2.87	900443	8.8	y	n
						1065760	9.4	y	n
	4	14:53	0.85	y	11.37	3590280	61.3	y	n
						4209260	55.4	y	n
	5	15:06	0.80	y	4.89	1492750	16.7	y	n
						1864000	17.2	y	n
	6	15:19	0.72	y	7.16	2059930	35.5	y	n
						2855270	35.0	y	n
	7	15:31	0.80	y	20.38	6204650	89.7	y	n
						7777700	85.6	y	n
	8	15:49	0.78	y	29.27	8807190	136.6	y	n
						11271100	135.3	y	n
	9	16:00	0.77	y	8.82	2640670	26.9	y	n
						3410560	25.3	y	n
	10	16:18	0.76	y	10.59	3147370	39.3	y	n
						4121020	38.9	y	n
	11	16:30	0.78	y	1.72	518233	7.3	y	n
						660931	7.5	y	n
2,3,7,8-TCDF	12	16:42	0.78	y	16.16	4864000	71.7	y	n
						6223270	72.0	y	n
	13	17:05	0.75	y	5.73	1689170	22.9	y	n
						2241660	23.8	y	n
	14	17:17	0.82	y	3.29	1015110	12.9	y	n
						1242070	13.1	y	n
	15	17:45	0.76	y	6.90	2048430	27.1	y	n
						2684360	26.8	y	n

16	18:05	0.75	y	2.14	631134	9.6	y	n
					836506	9.4	y	n
17	18:24	0.95	n	1.05	387484	7.1	y	n
					408090	5.9	y	n
18	18:49	1.40	n	1.42	772922	5.1	y	n
					550201	3.7	y	n

Run Text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:9
Run: 8 File: 10JA061D5 S:5 Acq:10-JAN-06 12:21:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	135.98 of which	6.63 named and	129.35 unnamed
Conc:	13.60 of which	0.66 named and	12.94 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:14	0.67	y	0.71	121242	3.2	y	n
						180851	3.7	y	n
	2	15:30	0.94	n	1.77	399892	9.9	y	n
						425163	10.0	y	n
	3	16:17	0.83	y	3.59	691382	12.0	y	n
						837111	12.7	y	n
	4	16:24	0.49	n	0.46	84312	1.8	n	n
						171284	2.4	n	n
	5	16:51	0.67	y	1.69	289034	5.1	y	n
						428415	7.7	y	n
	6	17:16	0.38	n	1.56	289314	5.9	y	n
						756183	8.7	y	n
2,3,7,8-TCDD	7	17:25	0.55	n	0.66	122718	2.7	n	n
						224650	4.2	y	n
	8	17:44	0.66	y	0.95	160291	3.1	y	n
						242610	4.6	y	n
	9	18:23	0.99	n	2.21	527700	5.8	y	n
						531932	5.2	y	n

Run Text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? yes #Hom:8
Run: 8 File: 10JA061D5 S:5 Acq:10-JAN-06 12:21:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	151.18 of which	9.76 named and	141.42 unnamed
Conc:	15.12 of which	0.98 named and	14.14 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:14	0.67	y	0.71	121242	3.2	y	n
						180851	3.7	y	n
	2	15:30	0.94	n	1.77	399892	9.9	y	n
						425163	10.0	y	n
	3	16:17	0.83	y	3.59	691382	12.0	y	n
						837114	12.7	y	n
	4	16:51	0.67	y	1.69	289034	5.1	y	n
						428415	7.7	y	n
	5	17:16	0.82	y	3.23	616318	6.6	y	y
						756183	8.7	y	n
2,3,7,8-TCDD	6	17:25	0.85	y	0.98	190541	3.4	y	y
						224650	4.2	y	n
	7	17:44	0.66	y	0.95	160291	3.1	y	n
						242612	4.6	y	n
	8	18:23	0.99	n	2.21	527700	5.8	y	n
						531932	5.2	y	n

Run Text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:11
Run: 8 File: 10JA061D5 S:5 Acq:10-JAN-06 12:21:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	2834.52	of which	224.83	named and	2609.68	unnamed			
Conc:	283.45	of which	22.48	named and	260.97	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:18	1.57	y	112.29	35944600	974.7	y	n
						22868500	612.5	y	n
	2	20:32	1.69	y	2.74	901457	12.7	y	n
						533639	6.1	y	n
	3	20:52	1.59	y	42.93	13797000	220.2	y	n
						8685230	133.0	y	n
	4	21:18	1.25	n	1.98	631244	11.7	y	n
						504070	7.9	y	n
1,2,3,7,8-PeCDF	5	21:25	1.63	y	6.40	2031330	34.0	y	n
						1248740	20.1	y	n
	6	21:37	1.46	y	4.05	1259930	17.3	y	n
						862252	11.5	y	n
	7	21:52	1.57	y	19.39	6205280	96.6	y	n
						3949610	60.1	y	n
2,3,4,7,8-PeCDF	8	22:40	1.58	y	16.08	5274840	66.1	y	n
						3330410	39.5	y	n
	9	22:56	1.50	y	75.59	23768500	313.6	y	n
						15823000	194.9	y	n
	10	24:16	1.89	n	1.30	505275	7.0	y	n
						267836	3.4	y	n
	11	24:24	1.53	y	0.69	218892	2.6	n	n
						143480	2.7	n	n

Run Text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:13
Run: 8 File: 10JA061D5 S:5 Acq:10-JAN-06 12:21:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	690.86	of which	*	named and	690.86	unnamed			
Conc:	69.09	of which	*	named and	69.09	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:36	0.72	n	0.59	188388	5.3	y	n
						260256	7.9	y	n
	2	14:48	0.38	n	0.09	29446	1.1	n	n
						77434	2.3	n	n
	3	16:18	0.44	n	0.70	223190	3.6	y	n
						507969	8.2	y	n
	4	16:28	0.86	n	0.10	30294	0.8	n	n
						35141	0.7	n	n
	5	16:58	0.59	n	0.89	282958	3.3	y	n
						481810	7.4	y	n
	6	17:16	0.66	n	0.71	225613	3.6	y	n
						342911	6.7	y	n
	7	17:36	0.56	n	0.78	247647	4.4	y	n
						446008	9.4	y	n
	8	17:50	0.49	n	3.62	1152240	13.5	y	n
						2335870	32.2	y	n
	9	18:01	0.66	n	1.31	417615	7.7	y	n
						632190	15.9	y	n
	10	18:14	0.43	n	3.67	1166790	21.3	y	n
						2714940	54.8	y	n
	11	18:22	0.55	n	3.79	1206030	24.3	y	n
						2194400	46.6	y	n
	12	18:37	0.51	n	0.72	229432	5.5	y	n
						445759	12.1	y	n
	13	18:48	1.57	y	52.13	16682400	320.8	y	n
						10618500	229.3	y	n

Run Text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:12
Run: 8 File: 10JA061D5 S:5 Acq:10-JAN-06 12:21:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	267.78 of which	25.11 named and	242.67 unnamed
Conc:	26.78 of which	2.51 named and	24.27 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:20	1.23	n	5.44	1137670	30.1	y	n
						921995	26.2	y	n
	2	21:01	2.15	n	0.61	176619	3.3	y	n
						82156	2.7	n	n
	3	21:26	1.61	y	3.17	673377	13.0	y	n
						417476	10.7	y	n
	4	21:40	1.63	y	2.32	493158	8.3	y	n
						303475	7.0	y	n
	5	21:56	2.16	n	2.91	845788	14.0	y	n
						391873	7.8	y	n
	6	22:14	2.24	n	0.51	153569	3.0	n	n
						68709	2.4	n	n
	7	22:23	1.58	y	4.09	861092	12.9	y	n
						545985	9.7	y	n
	8	22:43	1.47	y	1.44	294911	4.7	y	n
						200258	3.2	y	n
	9	22:57	2.48	n	0.94	314220	5.2	y	n
						126943	3.2	y	n
1,2,3,7,8-PeCDD	10	23:21	1.67	y	2.51	540194	7.0	y	n
						323523	5.3	y	n
	11	23:38	1.82	n	0.86	211111	3.3	y	n
						116072	2.2	n	n
	12	24:15	1.60	y	1.98	418499	6.0	y	n
						262101	5.3	y	n

Run Text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:10
Run: 8 File: 10JA061D5 S:5 Acq:10-JAN-06 12:21:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	3837.18 of which	601.80 named and	3235.38 unnamed		

Conc: 383.72 of which 60.18 named and 323.54 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	26:43	1.31	y	23.77	5419750	34.1	y	n	
						4123640	27.6	y	n	
	2	27:06	1.26	y	128.41	28710500	164.5	y	n	
						22840300	142.0	y	n	
	3	27:50	1.31	y	2.90	660647	5.3	y	n	
						502609	3.9	y	n	
	4	28:18	1.23	y	136.90	30333000	170.7	y	n	
						24624800	151.8	y	n	
1,2,3,4,7,8-HxCDF	5	29:27	1.31	y	25.28	5899950	22.7	y	n	See 09 6A
						4506260	19.6	y	n	
1,2,3,6,7,8-HxCDF	6	29:46	1.30	y	16.65	3973140	28.1	y	n	
						3061380	24.8	y	n	
	7	30:21	2.15	n	0.88	339104	3.3	y	n	
						157911	2.4	n	n	
	8	30:45	1.26	y	23.67	5301620	51.9	y	n	
						4201320	45.3	y	n	
2,3,4,6,7,8-HxCDF	9	30:55	1.29	y	18.25	4058420	43.9	y	n	
						3136200	37.0	y	n	
	10	31:59	1.32	y	7.00	1598830	19.8	y	n	
						1212360	16.7	y	n	

Run Text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? yes #Hom:11
Run: 8 File: 10JA061D5 S:5 Acq:10-JAN-06 12:21:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10ja061d

Amount:	4022.78	of which	551.93	named and	3470.86	unnamed			
Conc:	402.28	of which	55.19	named and	347.09	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	26:43	1.31	y	24.83	5419730	34.1	y	n
						4123640	27.6	y	n
	2	27:06	1.26	y	134.11	28710500	164.5	y	n
						22840300	142.0	y	n
	3	27:50	1.31	y	3.03	660647	5.3	y	n
						502609	3.9	y	n
	4	28:18	1.23	y	142.97	30333000	170.7	y	n
						24624900	151.8	y	n
	5	29:22	1.12	y	10.97	2224490	14.9	y	y
						1993690	14.2	y	y
1,2,3,4,7,8-HxCDF	6	29:27	1.20	y	17.20	3691590	22.8	y	y
						3085470	20.6	y	y
1,2,3,6,7,8-HxCDF	7	29:46	1.20	y	18.11	3997750	28.1	y	y
						3329210	25.8	y	y
	8	30:45	1.26	y	24.72	5301620	51.9	y	n
						4201320	45.3	y	n
2,3,4,6,7,8-HxCDF	9	30:55	1.29	y	19.05	4058420	43.9	y	n
						3136200	37.0	y	n
1,2,3,7,8,9-HxCDF	10	31:54	1.14	y	0.83	159875	2.8	n	y
						140082	2.4	n	y
	11	31:59	1.31	y	6.46	1406950	19.8	y	y
						1076660	16.7	y	y

PS
6A

Run Text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:6
Run: 8 File: 10JA061D5 S:5 Acq:10-JAN-06 12:21:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D5

Amount:	481.68	of which	128.36	named and	353.32	unnamed			
Conc:	48.17	of which	12.84	named and	35.33	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	28:12	1.29	y	9.73	1628790	8.6	y	n	
						1261450	9.8	y	n	
	2	29:31	1.23	y	6.53	1069580	6.6	y	n	
						869595	6.3	y	n	
	3	30:10	1.24	y	19.07	3139500	21.9	y	n	
						2522400	20.1	y	n	
1,2,3,4,7,8-HxCDD	4	31:09	1.30	y	2.96	329370	4.1	y	n	
						253983	3.6	y	n	
1,2,3,6,7,8-HxCDD	5	31:18	1.29	y	5.27	882752	9.8	y	n	
						685628	9.6	y	n	
1,2,3,7,8,9-HxCDD	6	31:41	1.25	y	5.50	947520	6.4	y	n	
						759152	6.1	y	n	

See p9 71

Run Text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:4
Run: 8 File: 10JA061D5 S:5 Acq:10-JAN-06 12:21:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D5

Amount:	1043.85	of which	644.92	named and	398.93	unnamed			
Conc:	104.39	of which	64.49	named and	39.89	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
1,2,3,4,6,7,8-HpCDF	1	33:35	1.03	y	58.66	10087200	158.2	y	n	
						9773820	197.7	y	n	
	2	33:47	0.97	y	6.01	954193	13.9	y	n	
						988328	18.0	y	n	
	3	33:53	0.99	y	33.88	5454340	82.2	y	n	
						5492030	106.7	y	n	
1,2,3,4,7,8,9-HpCDF	4	34:45	1.02	y	5.84	908355	12.8	y	n	
						886725	17.2	y	n	

Run Text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? yes #Hom:7
Run: 8 File: 10JA061D5 S:5 Acq:10-JAN-06 12:21:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10ja061d

Amount:	483.41 of which	99.42 named and	383.99 unnamed
Conc:	48.34 of which	9.94 named and	38.40 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	28:12	1.29	y	9.73	1628790	8.6	y	n
						1261450	9.8	y	n
	2	29:31	1.23	y	6.53	1069580	6.6	y	n
						869595	6.3	y	n
	3	30:10	1.24	y	19.07	3139500	21.9	y	n
						2522400	20.1	y	n
1,2,3,4,7,8-HxCDD	4	31:09	1.30	y	2.06	329373	4.1	y	n
						253984	3.6	y	n
1,2,3,6,7,8-HxCDD	5	31:18	1.29	y	5.27	882756	9.8	y	n
						685630	9.6	y	n
	6	31:36	1.27	y	3.07	509736	6.4	y	y
						400995	5.7	y	y
1,2,3,7,8,9-HxCDD	7	31:41	1.36	y	2.61	466398	6.5	y	y
						342893	6.1	y	y

PG
~~2A~~
7A

Run Text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6

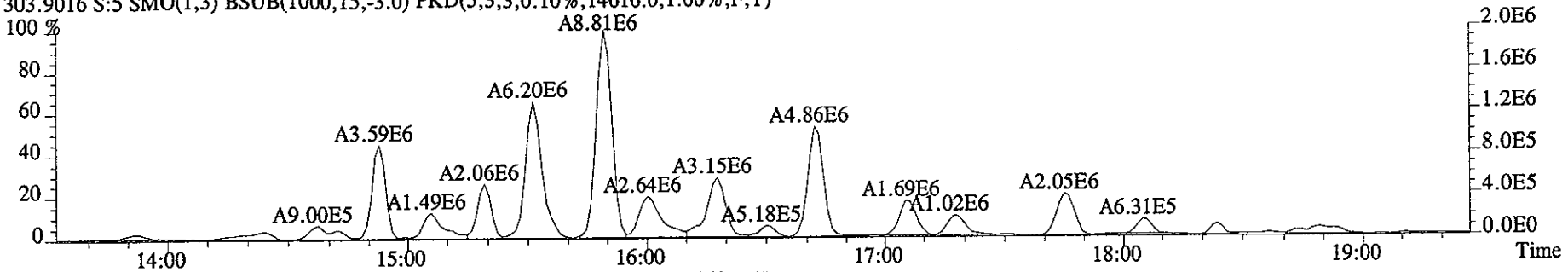
Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:3
Run: 8 File: 10JA061D5 S:5 Acq:10-JAN-06 12:21:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D5

Amount:	1064.38 of which	563.86 named and	500.53	unnamed
Conc:	106.44 of which	56.39 named and	50.05	unnamed

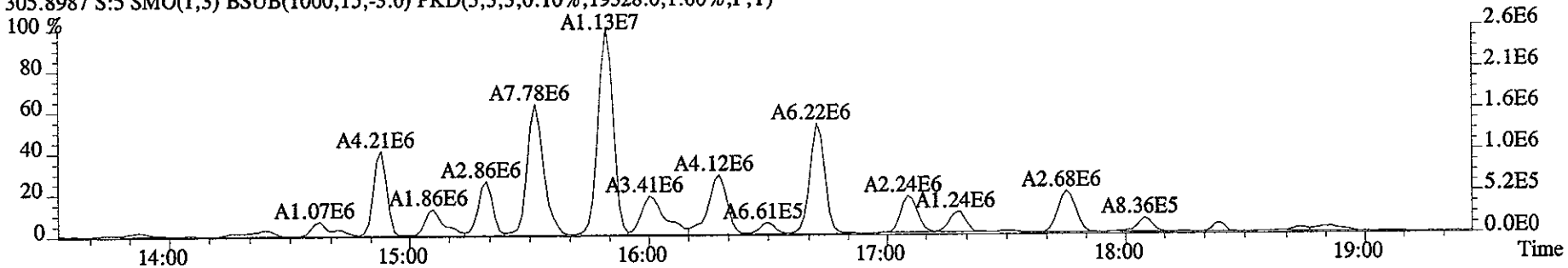
Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:34	2.97	n	0.47	161432	2.8	n	n
						54298	1.0	n	n
	2	33:51	1.00	y	49.58	5858010	101.5	y	n
						5867410	97.1	y	n
1,2,3,4,6,7,8-HpCDD	3	34:27	1.04	y	56.39	6810700	114.5	y	n
						6523170	109.8	y	n

File:10JA061D5 #1-322 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN

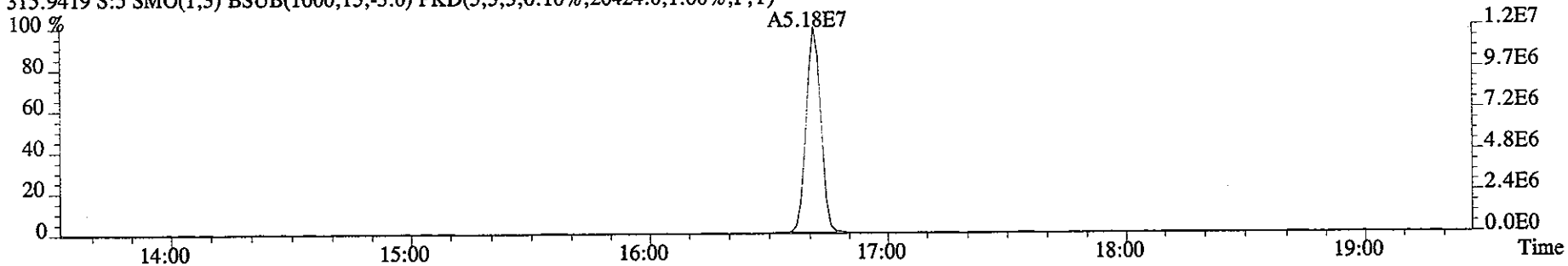
303.9016 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14616.0,1.00%,F,T)



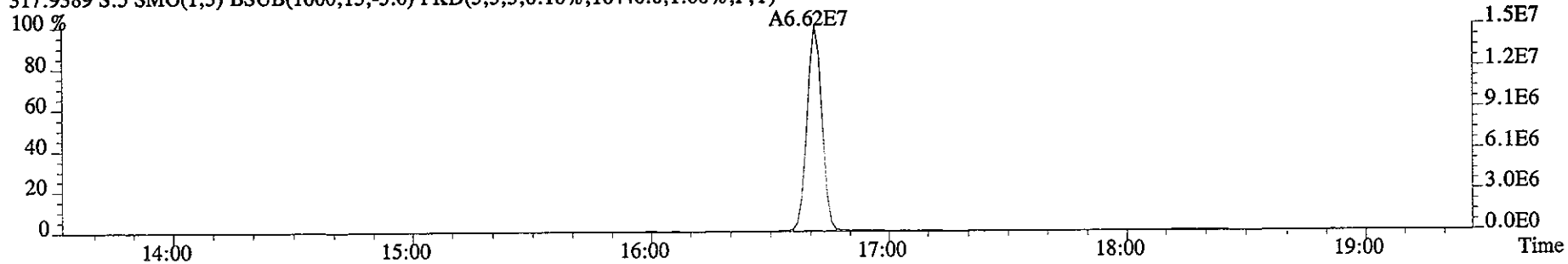
305.8987 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19328.0,1.00%,F,T)

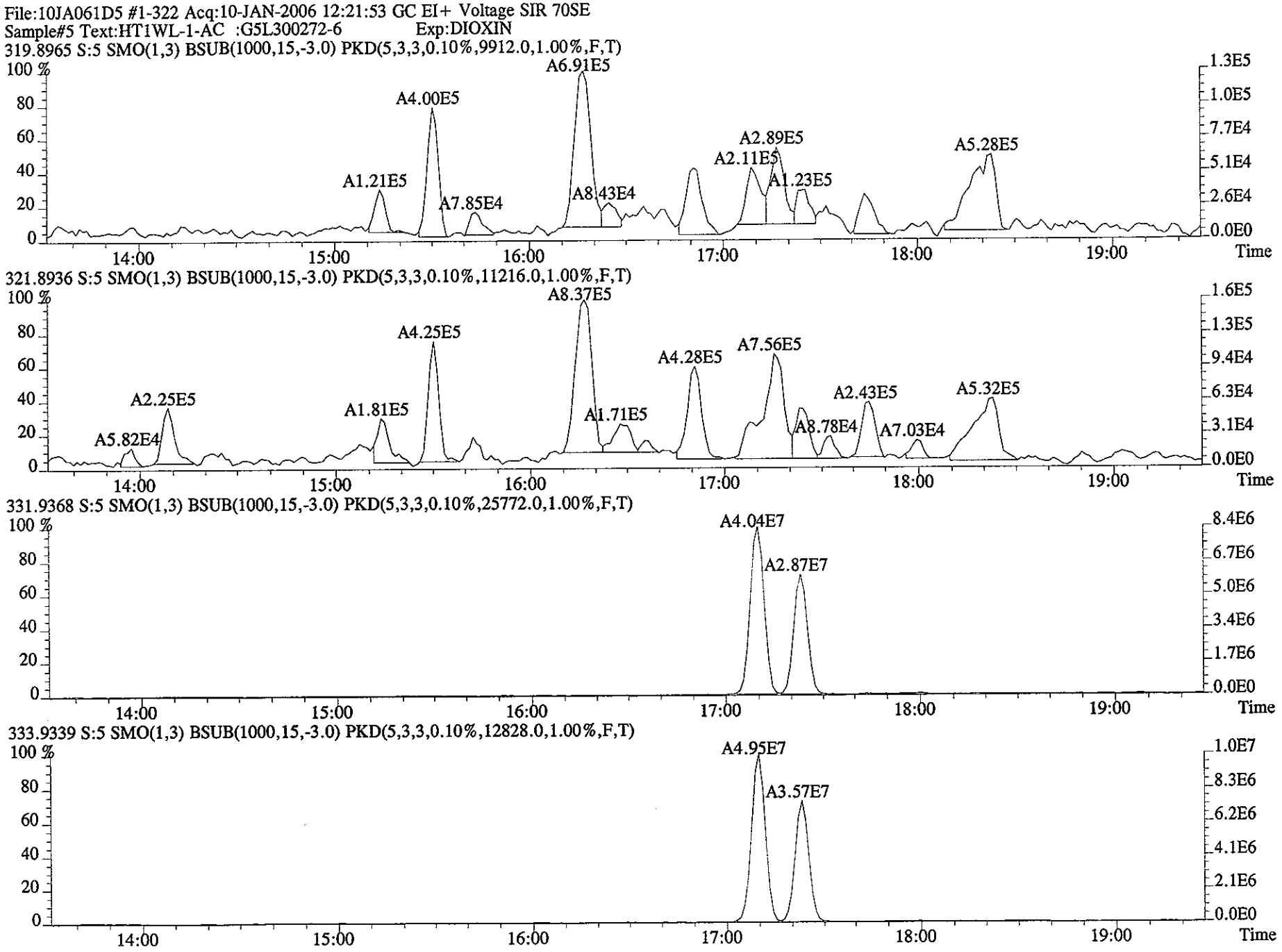


315.9419 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20424.0,1.00%,F,T)



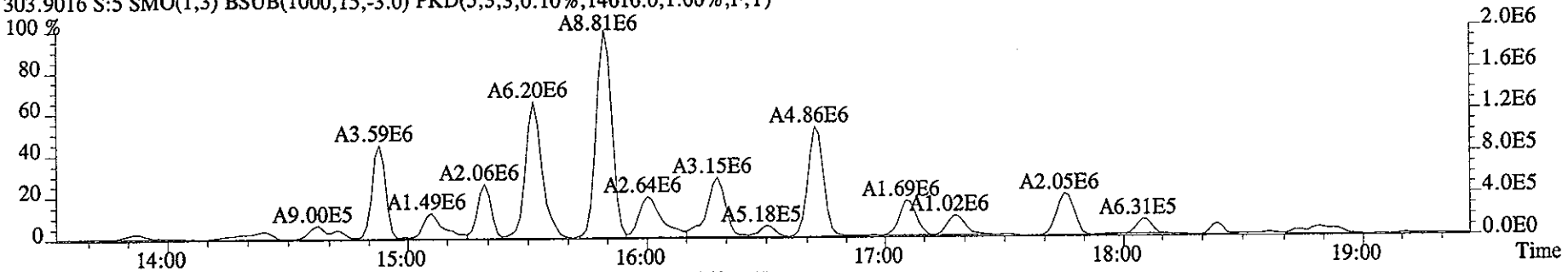
317.9389 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16440.0,1.00%,F,T)



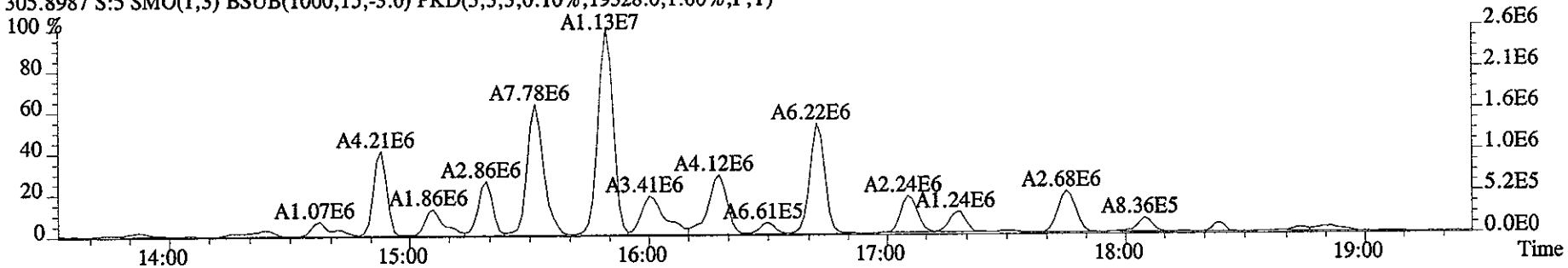

File:10JA061D5 #1-322 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
319.8965 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9912.0,1.00%,F,T)
A6.91E5
A4.00E5
A2.89E5
A2.11E5
A5.28E5
A1.21E5
A1.23E5
A7.85E4
A8.43E4
321.8936 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11216.0,1.00%,F,T)
A8.37E5
A4.25E5
A7.56E5
A4.28E5
A2.43E5
A5.32E5
A2.25E5
A1.81E5
A1.71E5
A8.78E4
A7.03E4
A5.82E4
331.9368 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,25772.0,1.00%,F,T)
A4.04E7
A2.87E7
333.9339 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12828.0,1.00%,F,T)
A4.95E7
A3.57E7
100 %
80
60
40
20
0
14:00
15:00
16:00
17:00
18:00
19:00
Time

File:10JA061D5 #1-322 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN

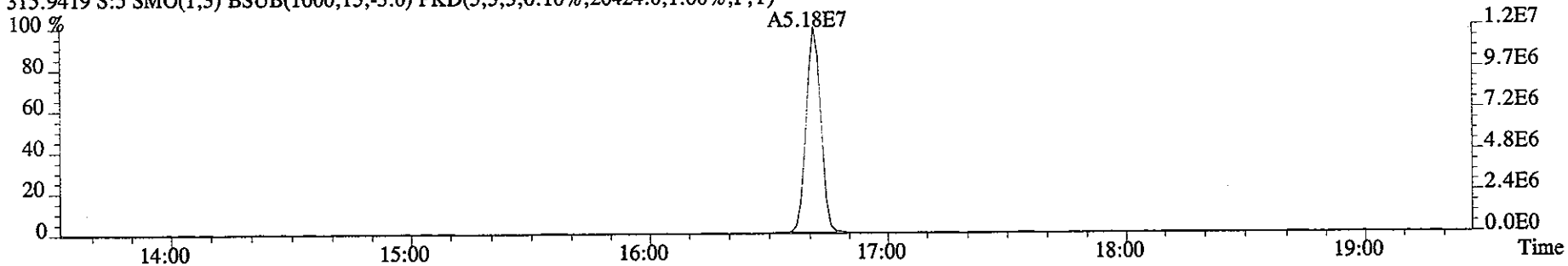
303.9016 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14616.0,1.00%,F,T)



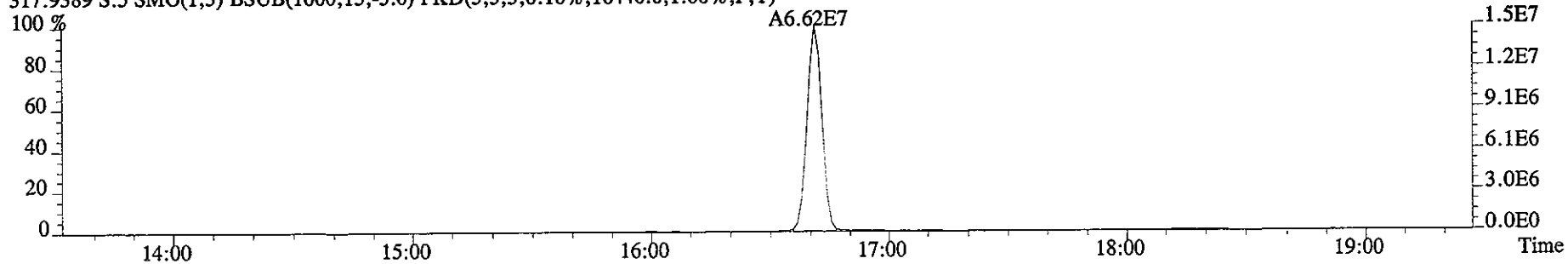
305.8987 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19328.0,1.00%,F,T)

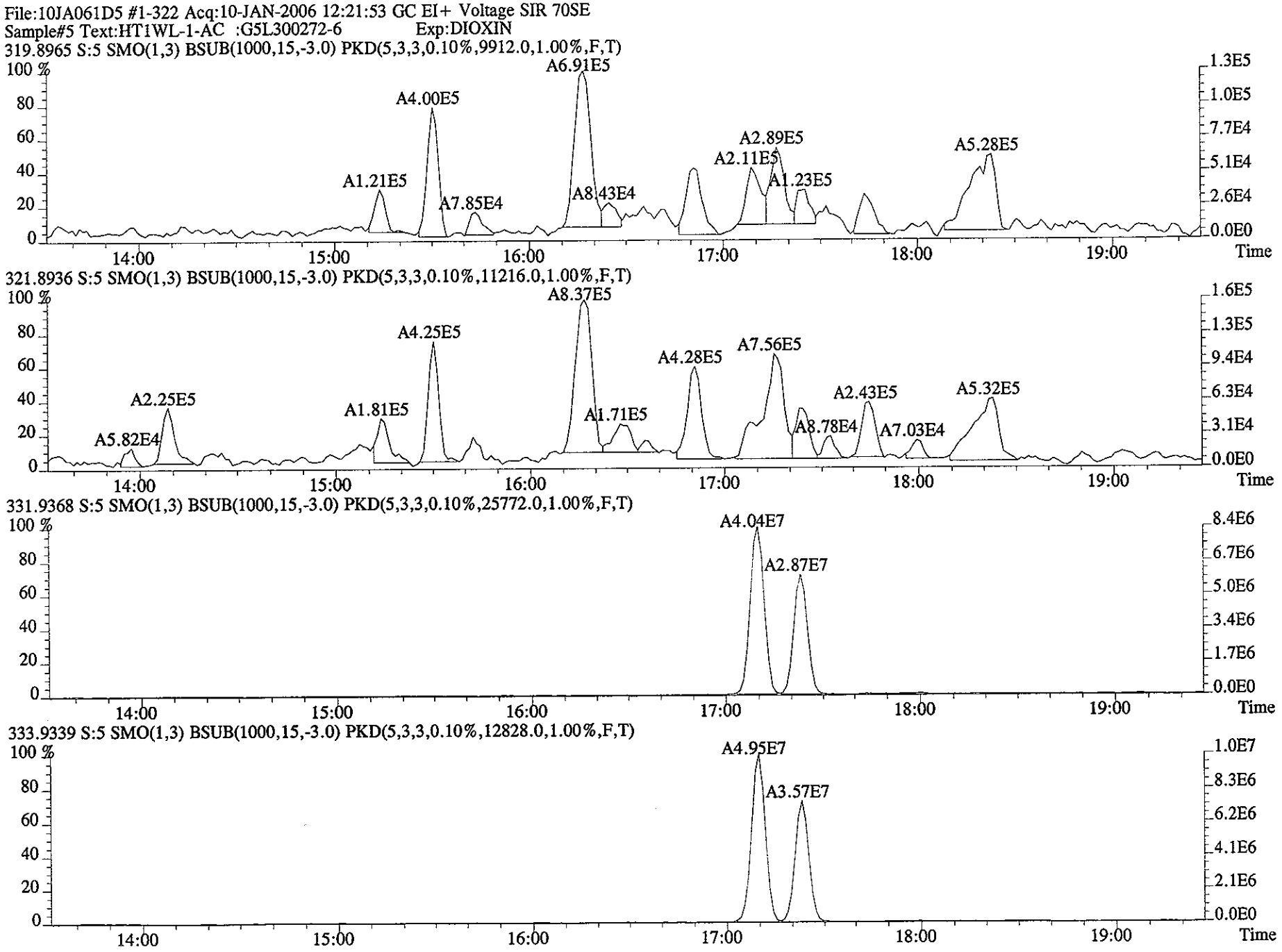


315.9419 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20424.0,1.00%,F,T)



317.9389 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16440.0,1.00%,F,T)



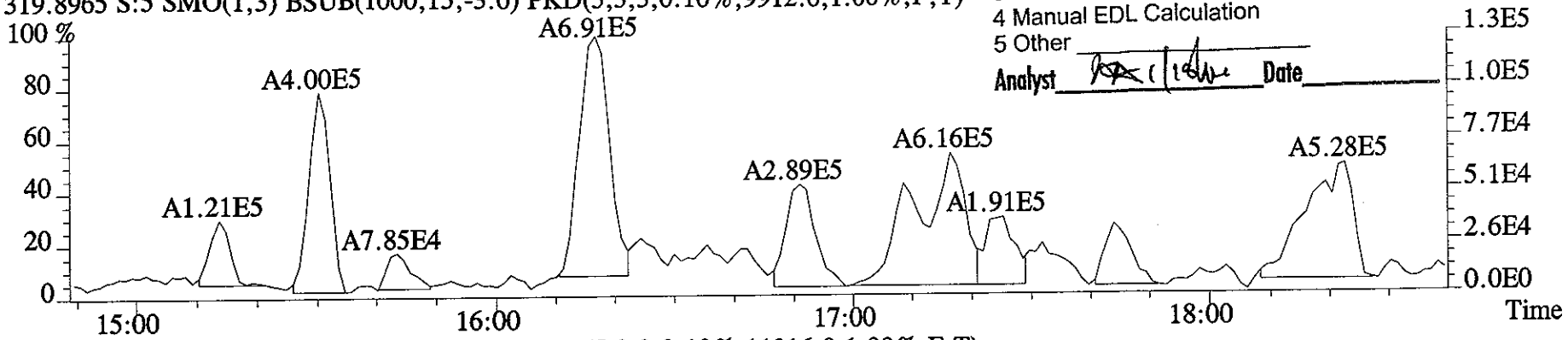

File:10JA061D5 #1-322 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
319.8965 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9912.0,1.00%,F,T)
A6.91E5
A4.00E5
A2.89E5
A2.11E5
A5.28E5
A1.21E5
A1.23E5
A7.85E4
A8.43E4
321.8936 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11216.0,1.00%,F,T)
A8.37E5
A4.25E5
A7.56E5
A4.28E5
A2.43E5
A5.32E5
A2.25E5
A1.81E5
A1.71E5
A8.78E4
A7.03E4
A5.82E4
331.9368 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,25772.0,1.00%,F,T)
A4.04E7
A2.87E7
333.9339 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12828.0,1.00%,F,T)
A4.95E7
A3.57E7
100 %
80
60
40
20
0
14:00
15:00
16:00
17:00
18:00
19:00
Time

MANUAL EDIT CODES

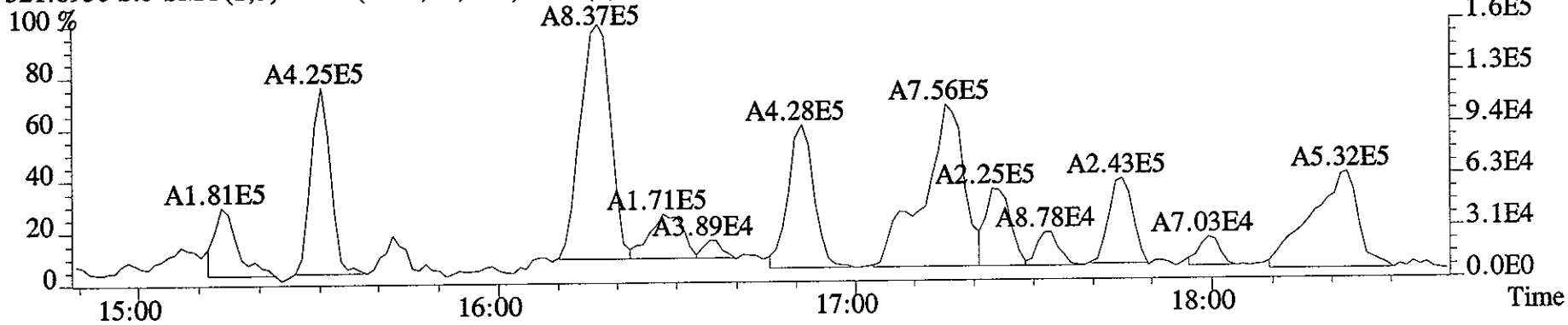
1) Peak not found
2) Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

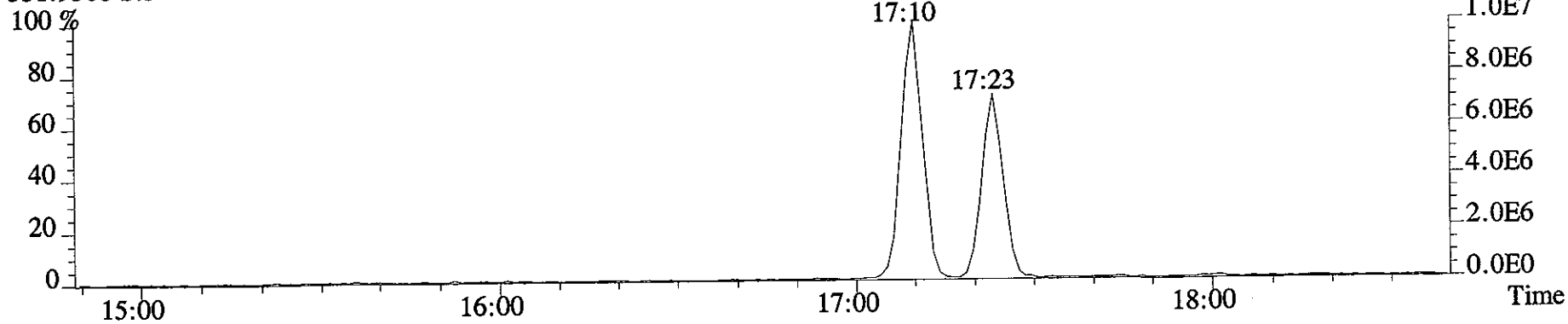
File:10JA061D5 #1-322 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
319.8965 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9912.0,1.00%,F,T)



321.8936 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11216.0,1.00%,F,T)



331.9368 S:5

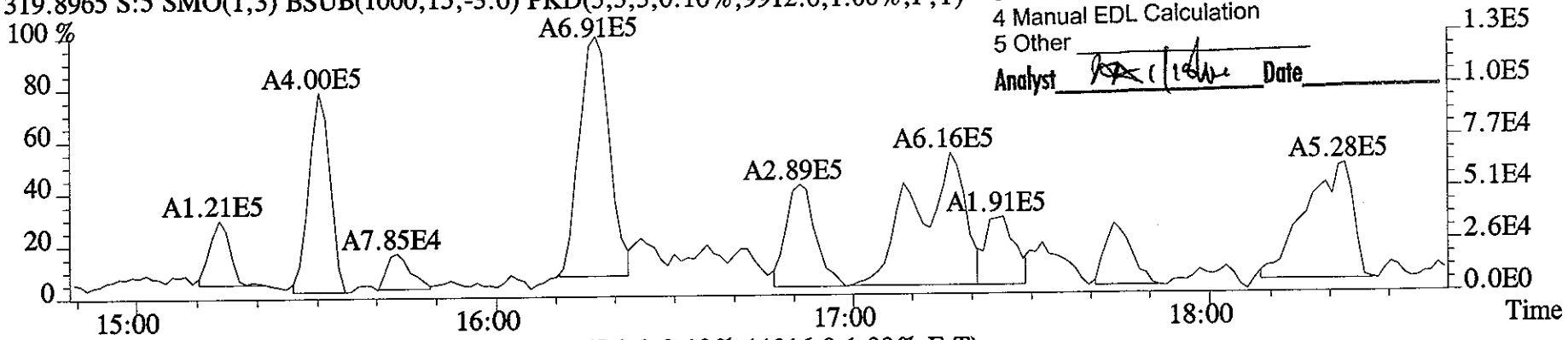


MANUAL EDIT CODES

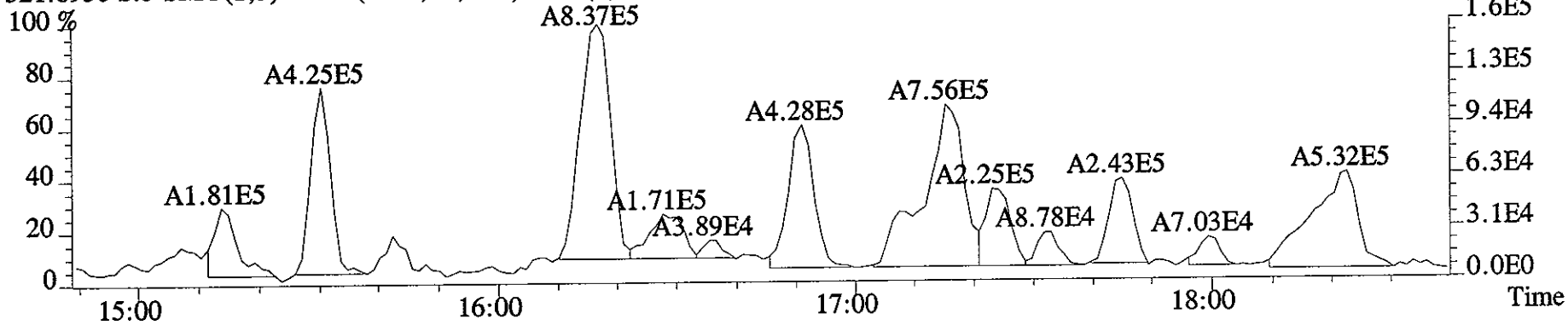
1) Peak not found
2) Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

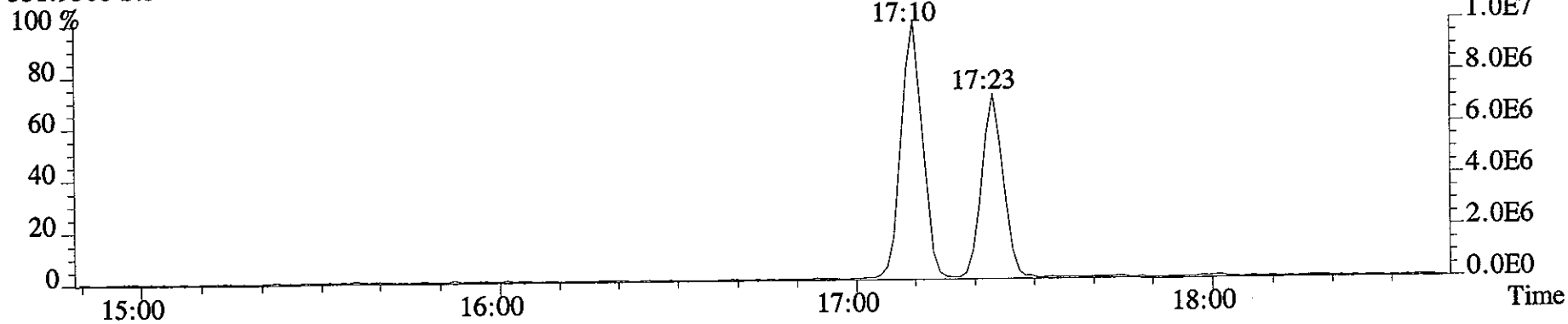
File:10JA061D5 #1-322 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
319.8965 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9912.0,1.00%,F,T)



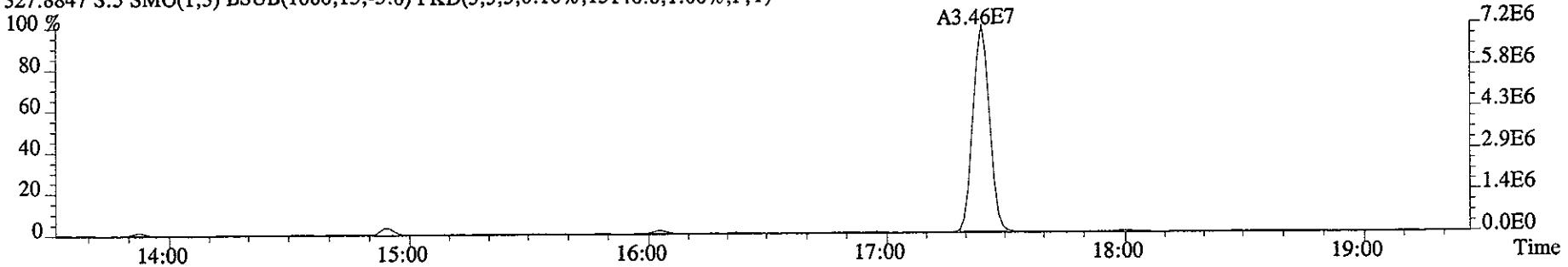
321.8936 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11216.0,1.00%,F,T)



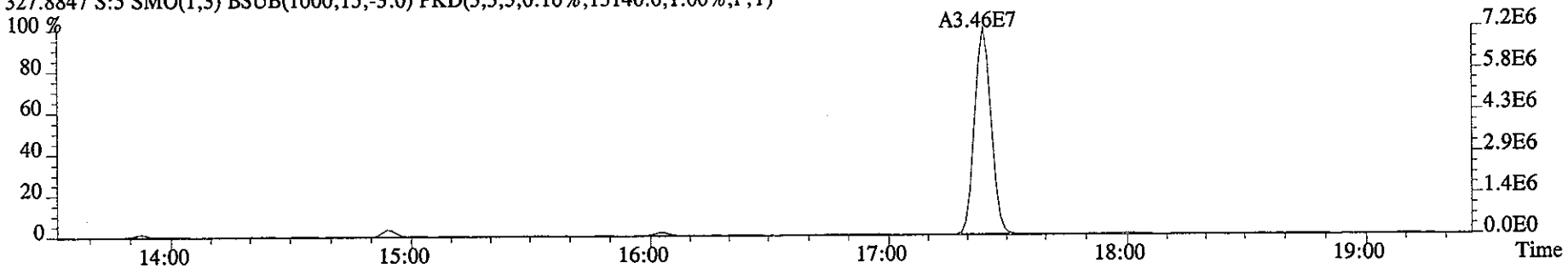
331.9368 S:5



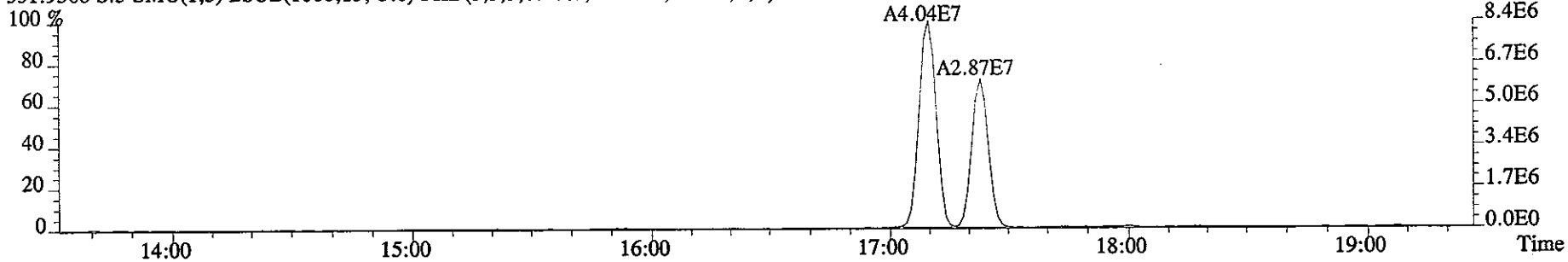
File:10JA061D5 #1-322 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
327.8847 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15140.0,1.00%,F,T)



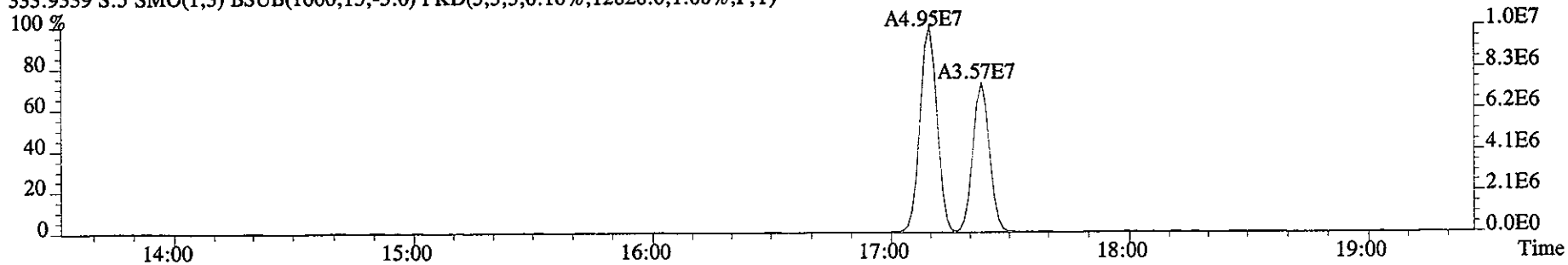
327.8847 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15140.0,1.00%,F,T)



331.9368 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,25772.0,1.00%,F,T)

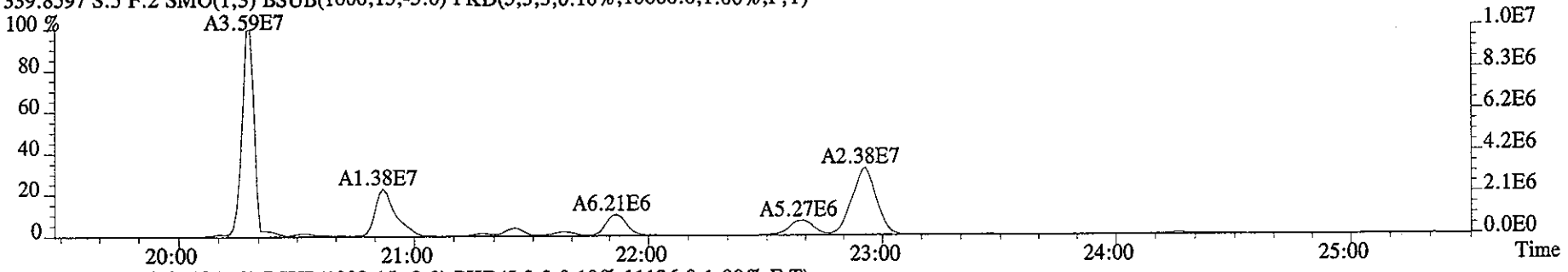


333.9339 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12828.0,1.00%,F,T)

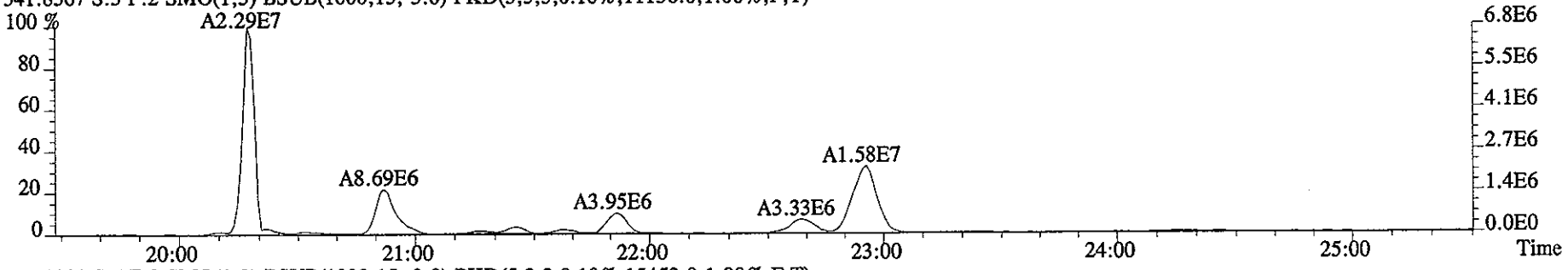


File:10JA061D5 #1-425 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN

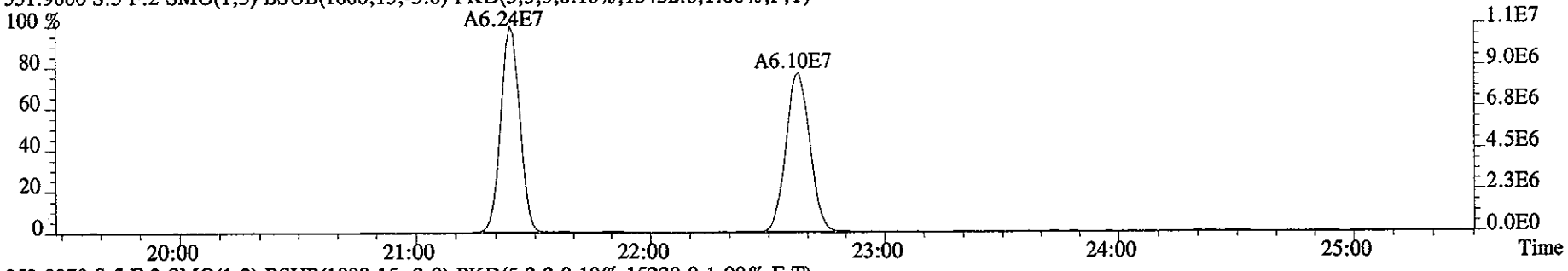
339.8597 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10660.0,1.00%,F,T)



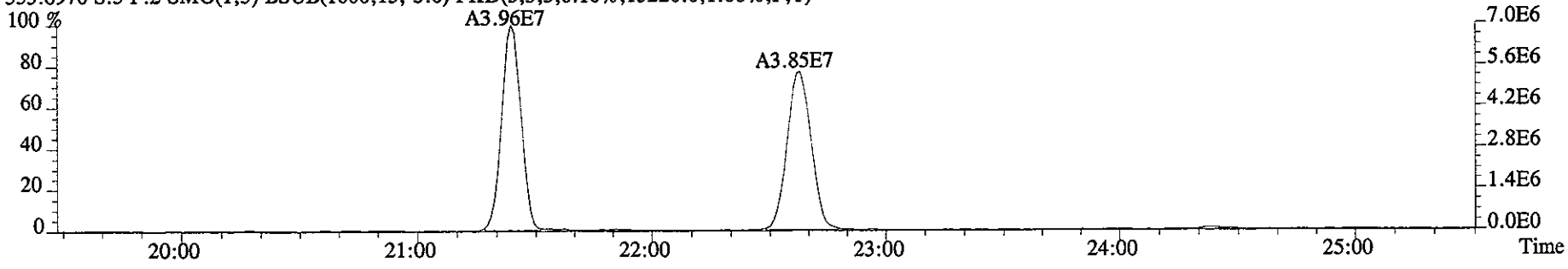
341.8567 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11136.0,1.00%,F,T)



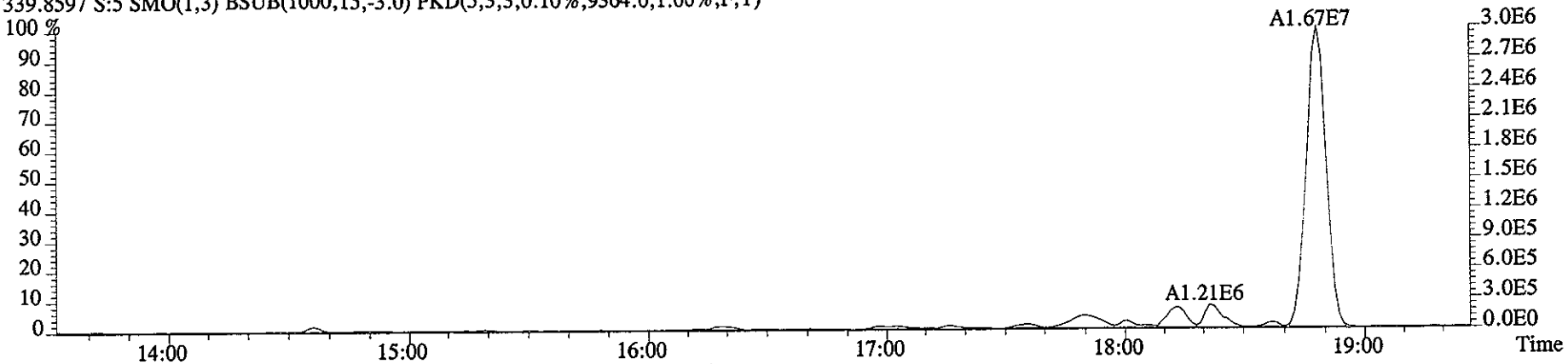
351.9000 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15452.0,1.00%,F,T)



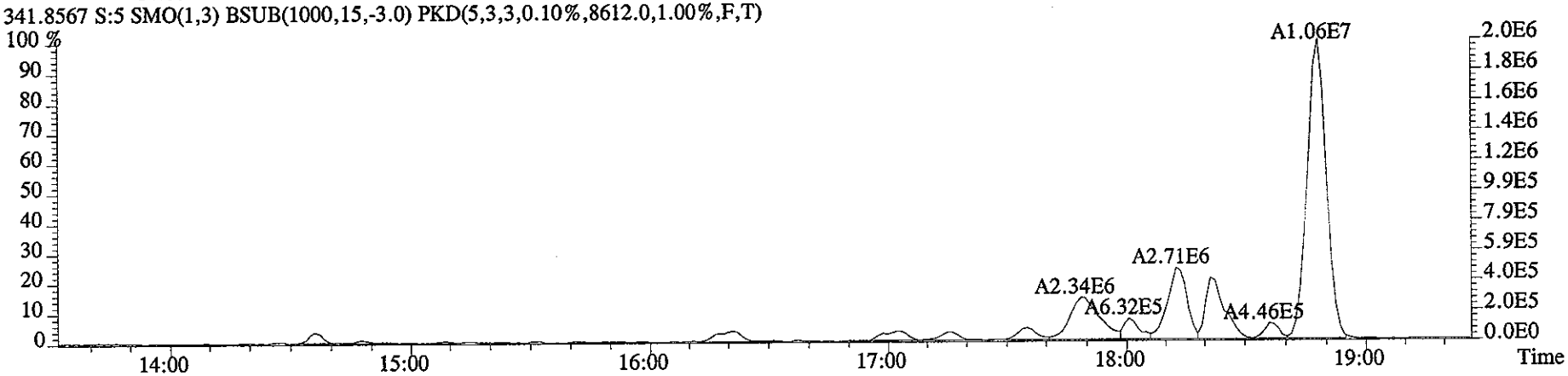
353.8970 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15220.0,1.00%,F,T)



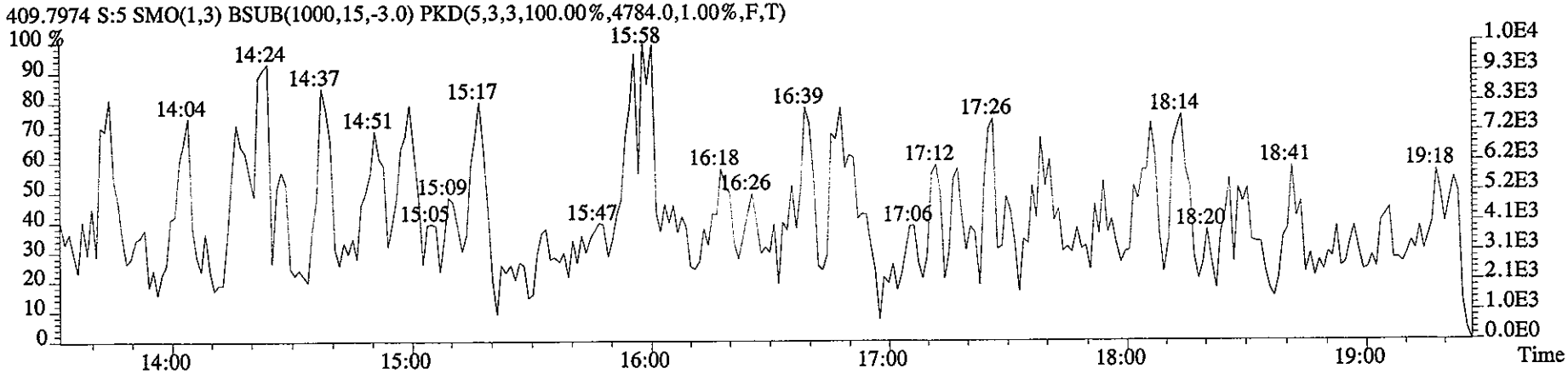
File:10JA061D5 #1-322 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
339.8597 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9364.0,1.00%,F,T)



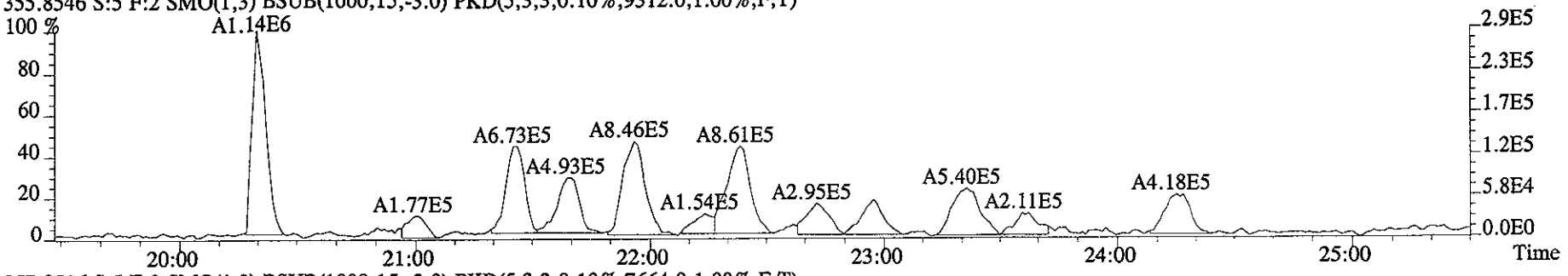
341.8567 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8612.0,1.00%,F,T)

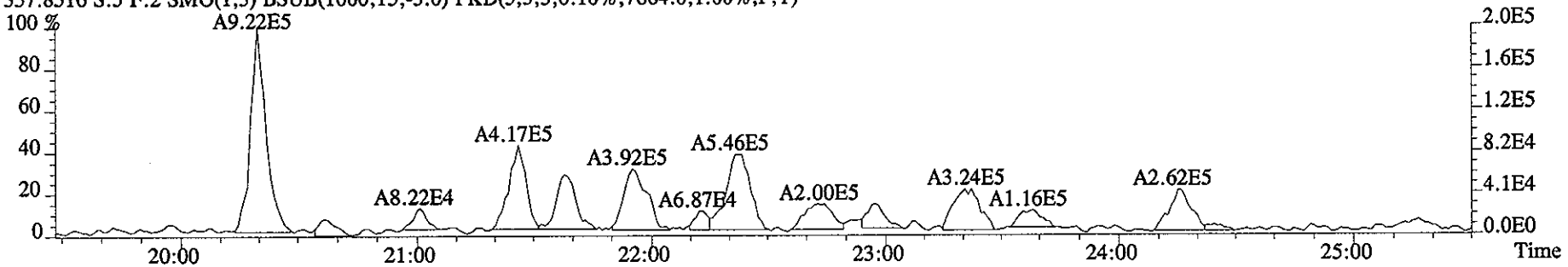


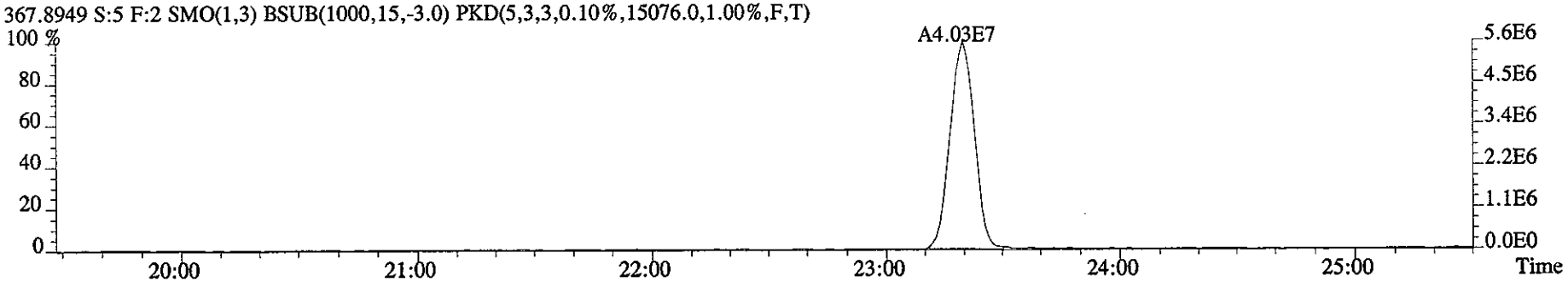
409.7974 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4784.0,1.00%,F,T)

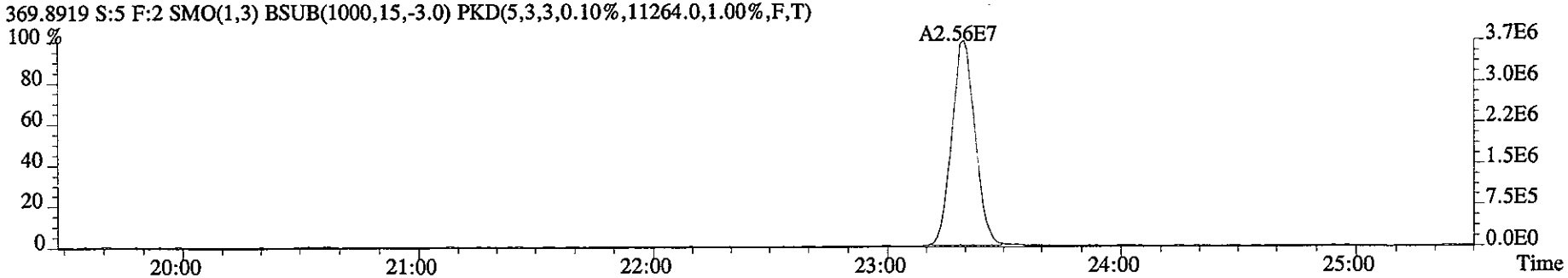


File:10JA061D5 #1-425 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN



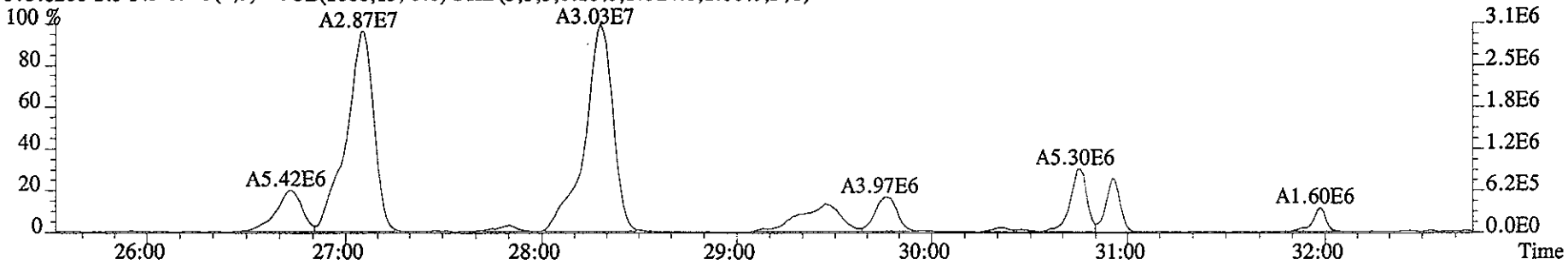




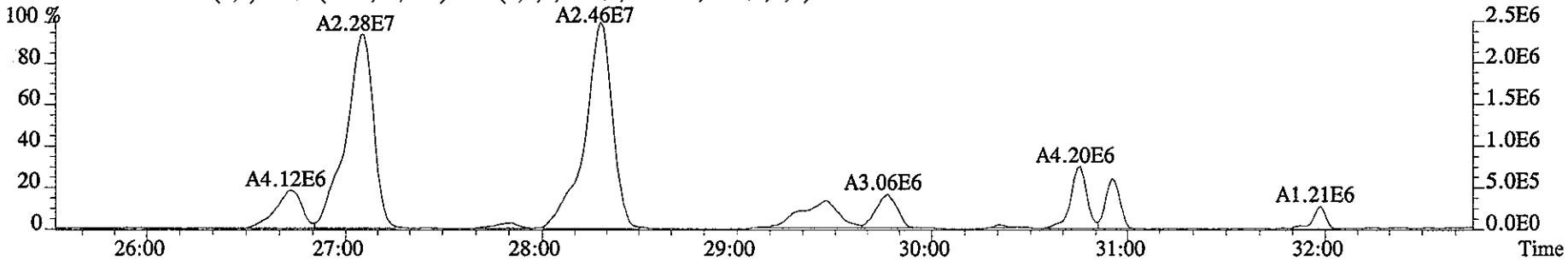


File:10JA061D5 #1-486 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN

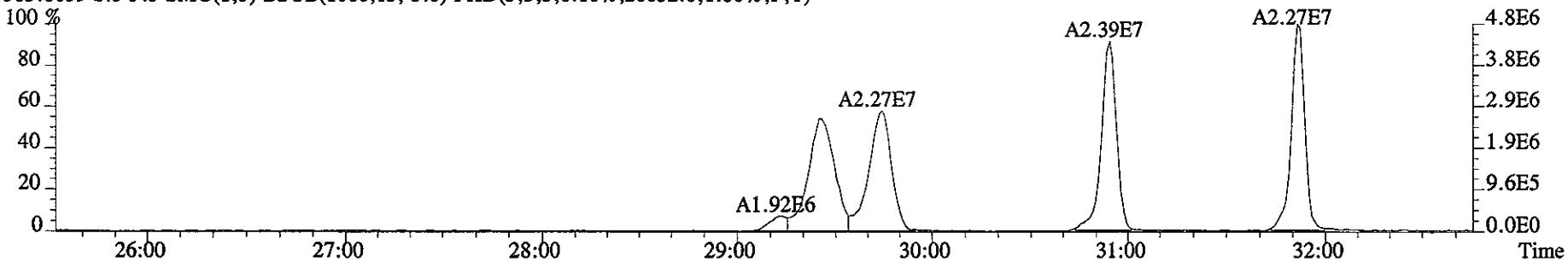
373.8208 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17924.0,1.00%,F,T)



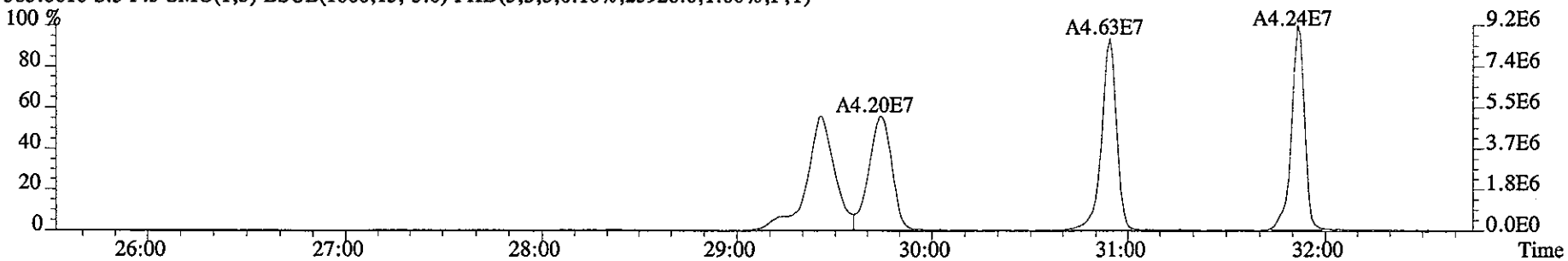
375.8178 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16476.0,1.00%,F,T)



383.8639 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,26832.0,1.00%,F,T)



385.8610 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,23928.0,1.00%,F,T)

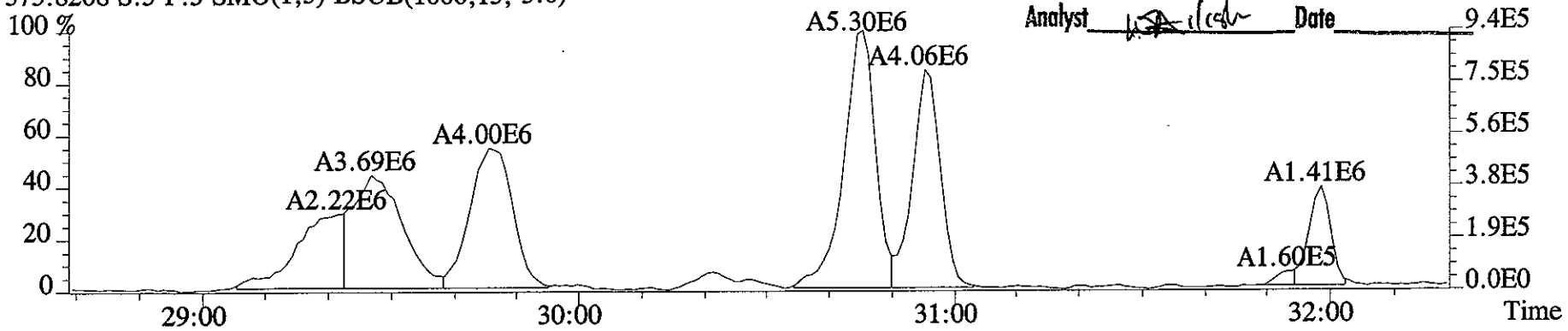


MANUAL EDIT CODES

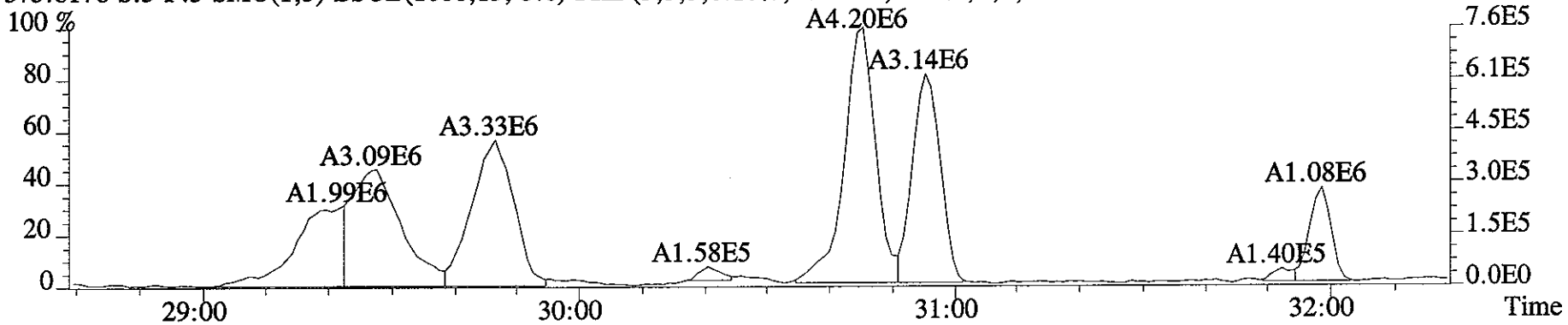
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

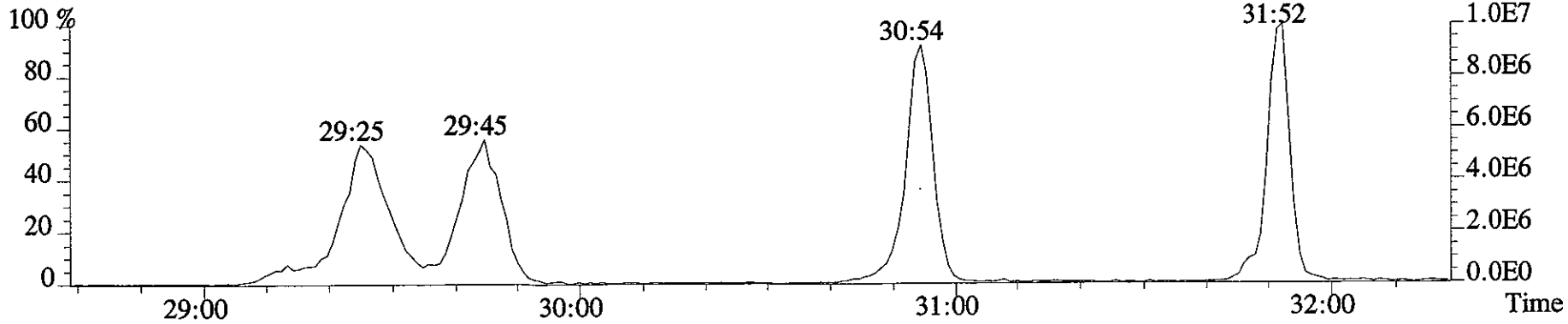
File:10JA061D5 #1-486 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
373.8208 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0)



375.8178 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16476.0,1.00%,F,T)



385.8610 S:5 F:3

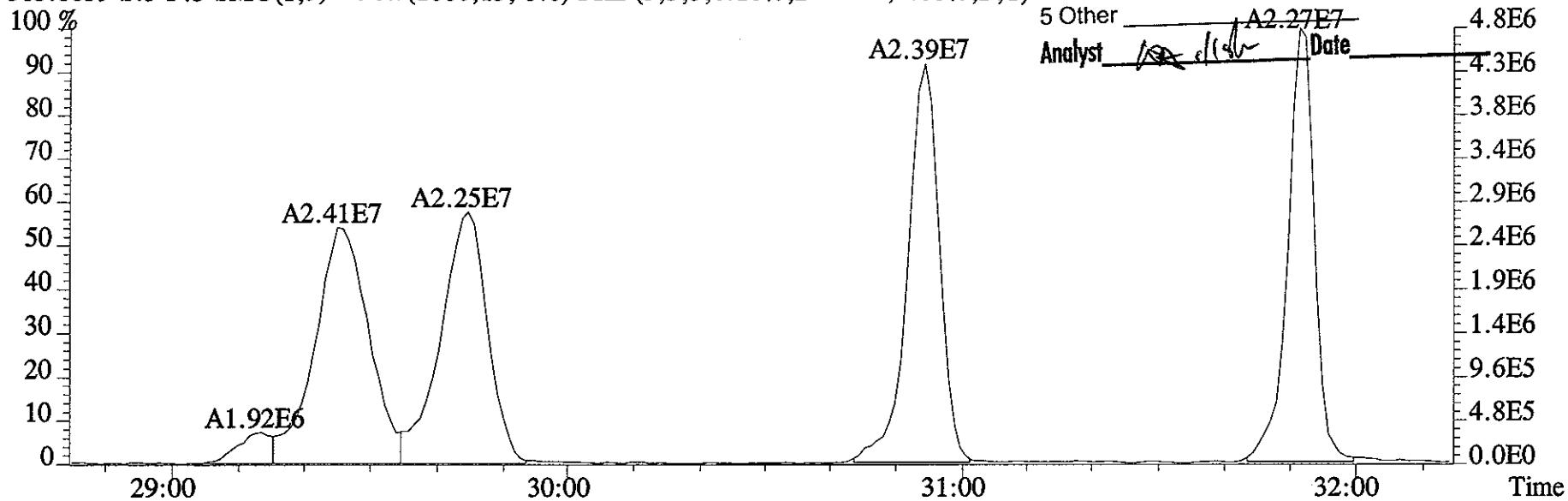


MANUAL EDIT CODES

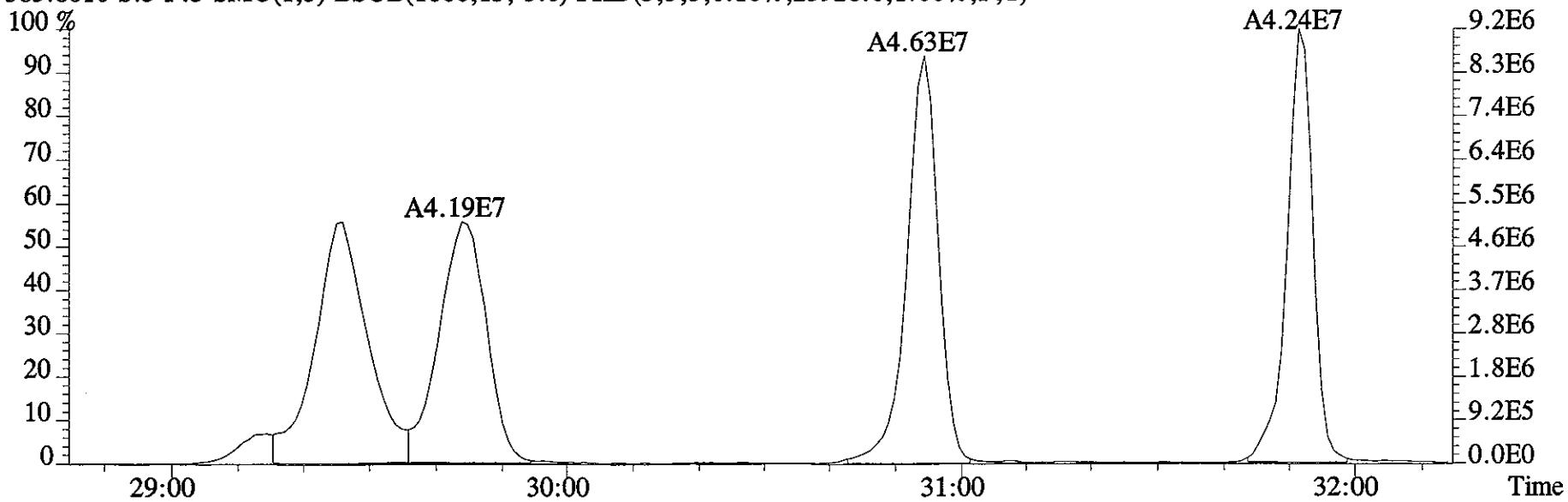
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other

Analyst _____ Date _____

File:10JA061D5 #1-486 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
383.8639 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,26832.0,1.00%,F,T)

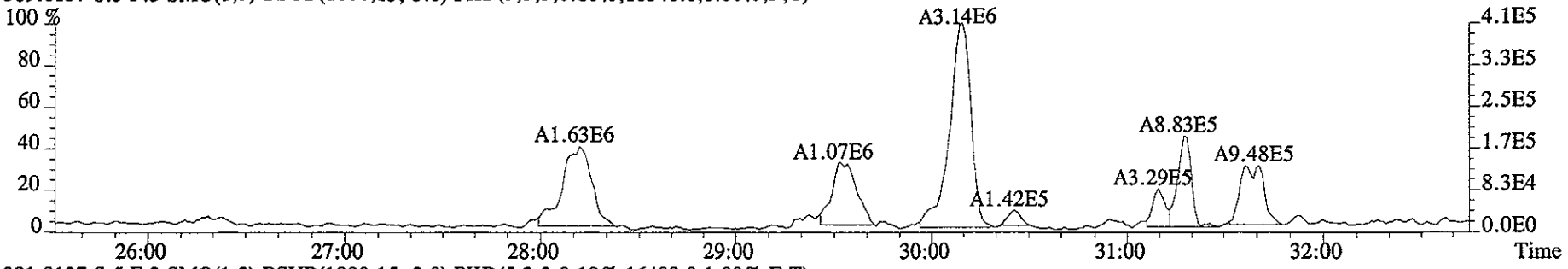


385.8610 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,23928.0,1.00%,F,T)

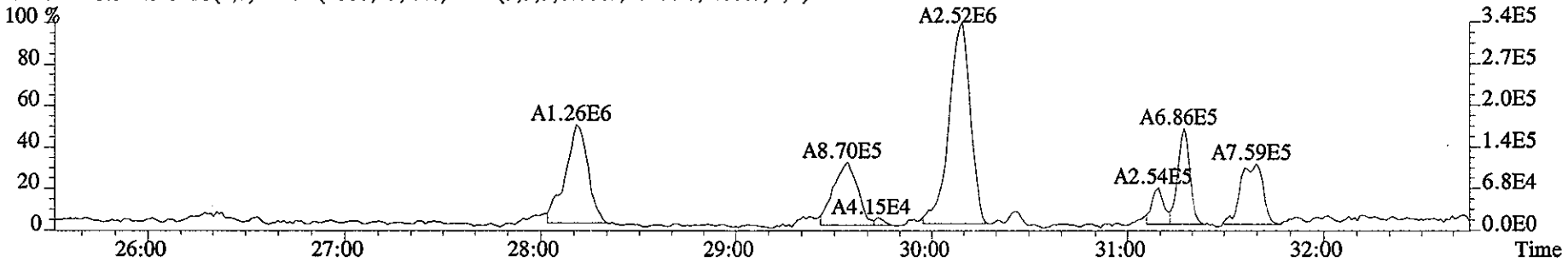


File:10JA061D5 #1-486 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN

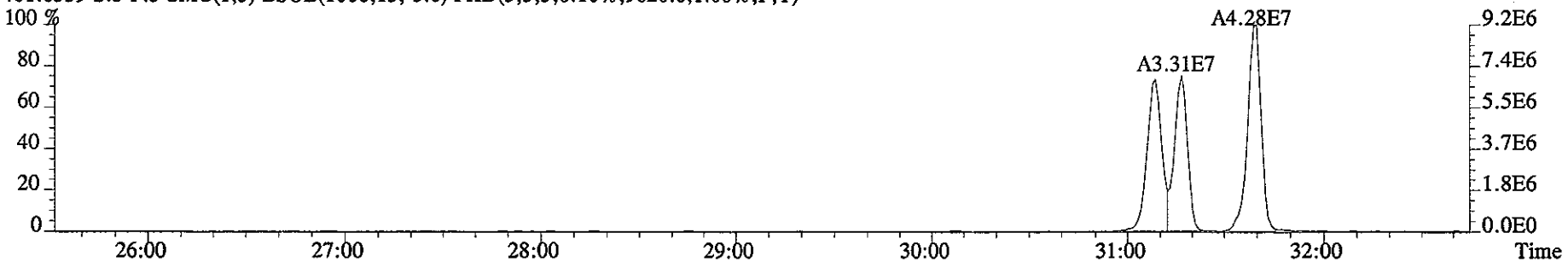
389.8157 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18540.0,1.00%,F,T)



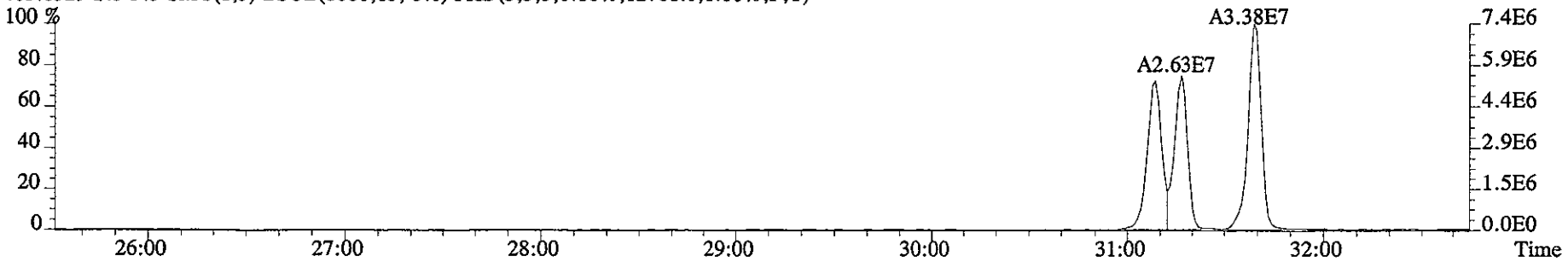
391.8127 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16408.0,1.00%,F,T)



401.8559 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9620.0,1.00%,F,T)



403.8529 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12708.0,1.00%,F,T)

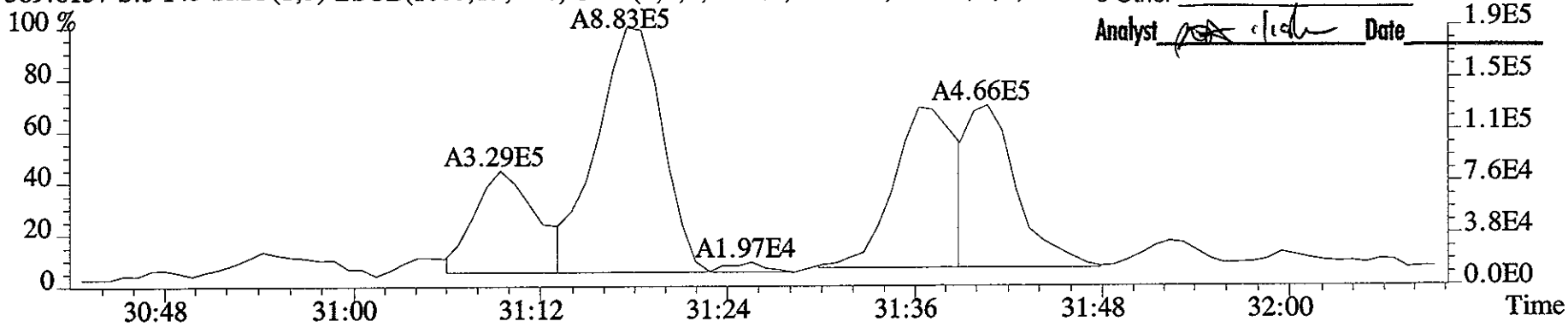


MANUAL EDIT CODES

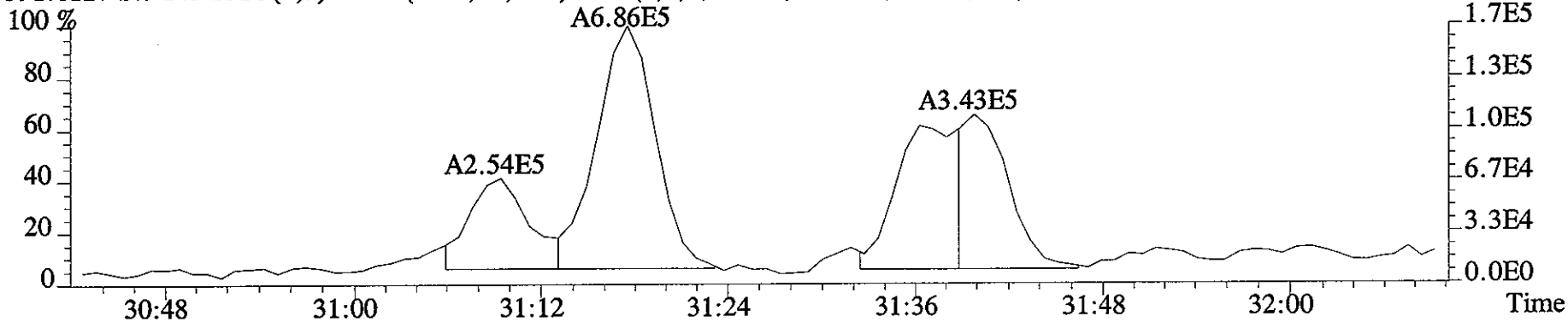
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

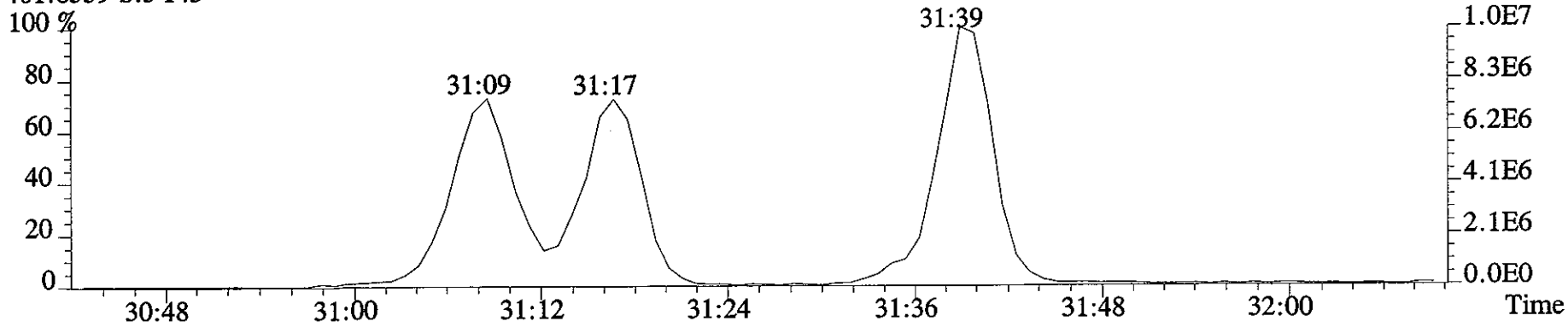
File:10JA061D5 #1-486 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
389.8157 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18540.0,1.00%,F,T)



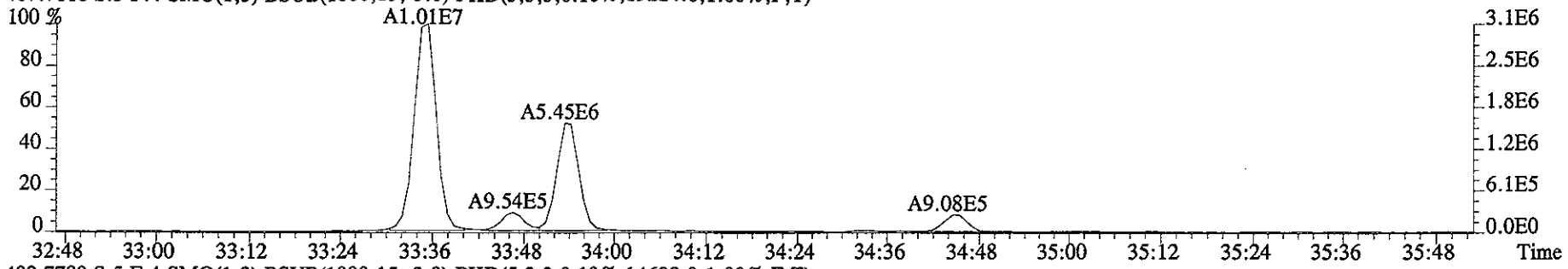
391.8127 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16408.0,1.00%,F,T)

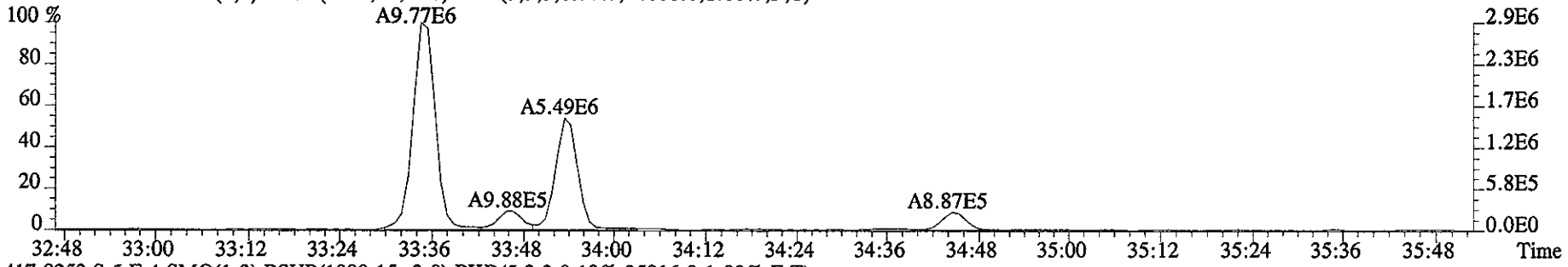


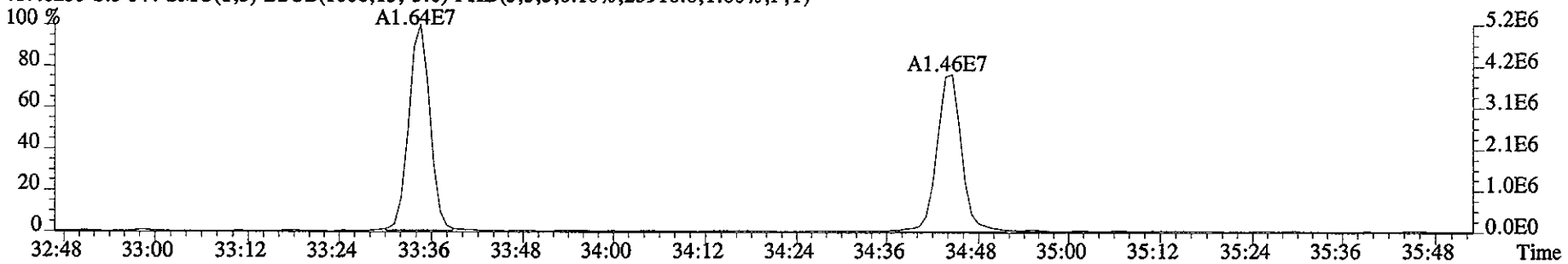
401.8559 S:5 F:3

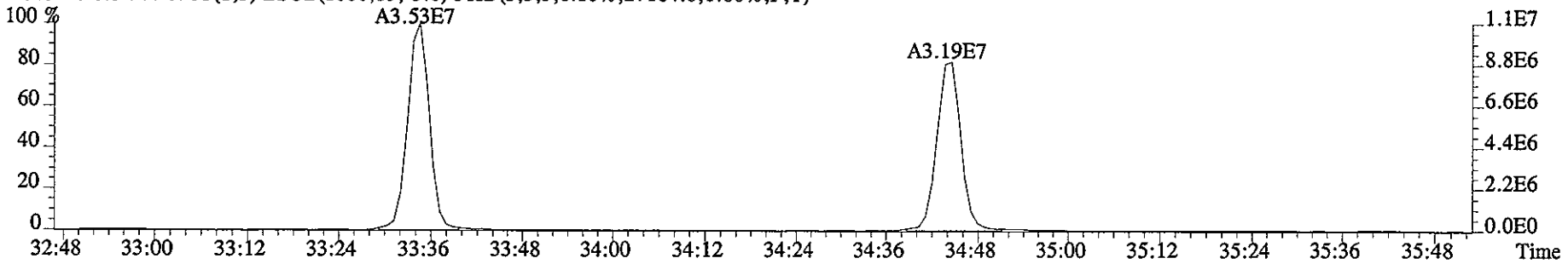


File:10JA061D5 #1-219 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN

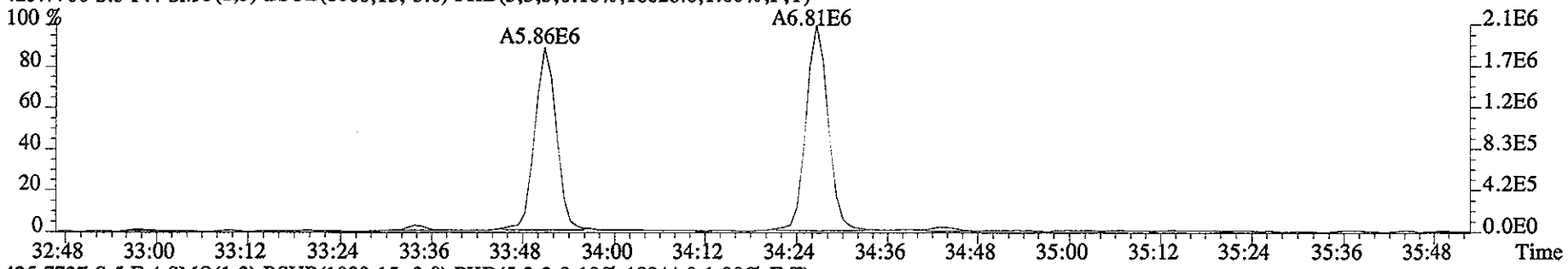




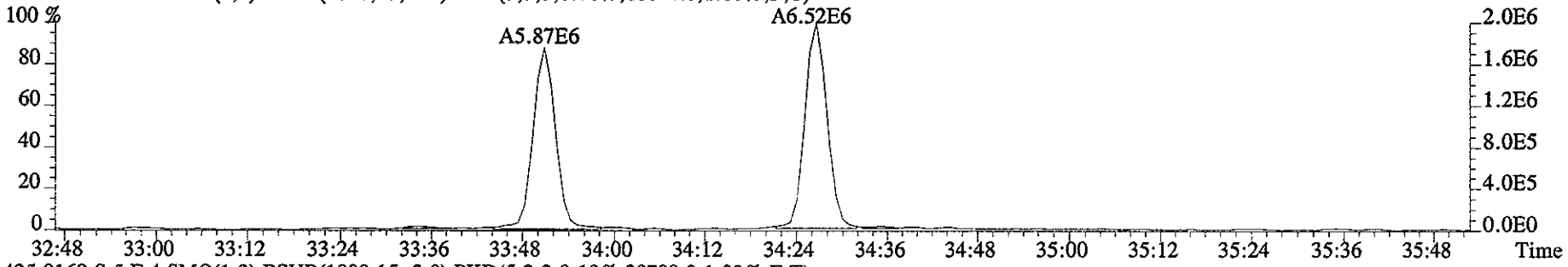




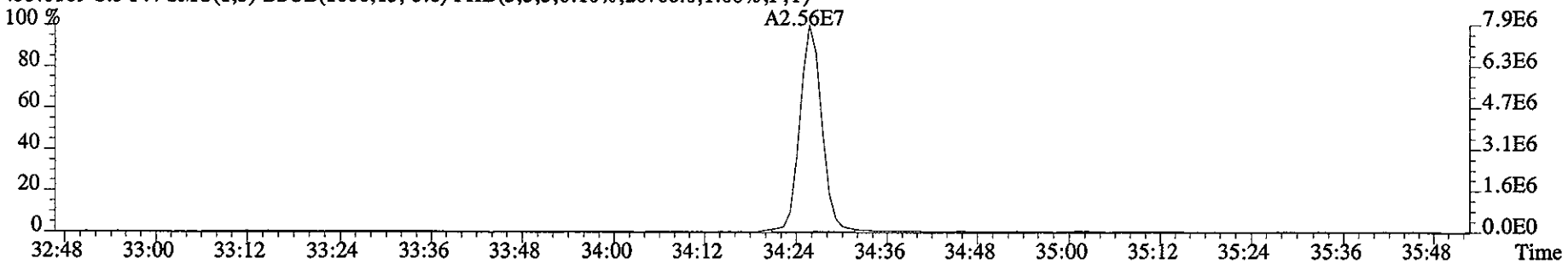
File:10JA061D5 #1-219 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
423.7766 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18028.0,1.00%,F,T)



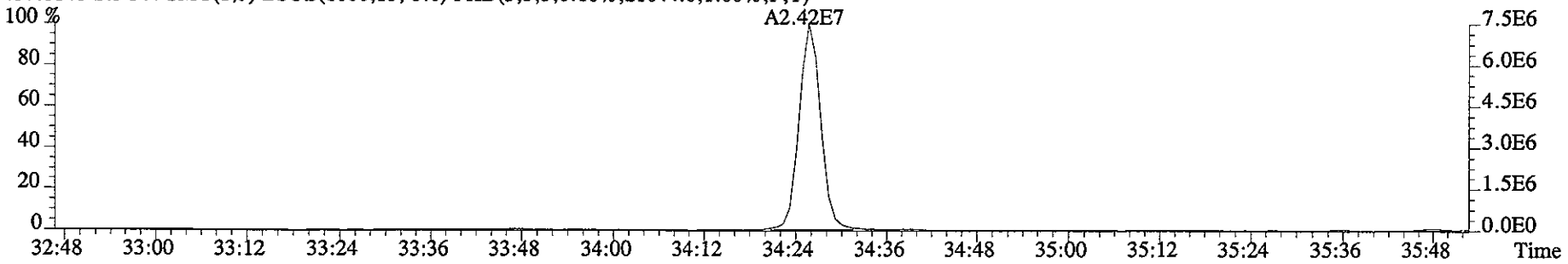
425.7737 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18044.0,1.00%,F,T)



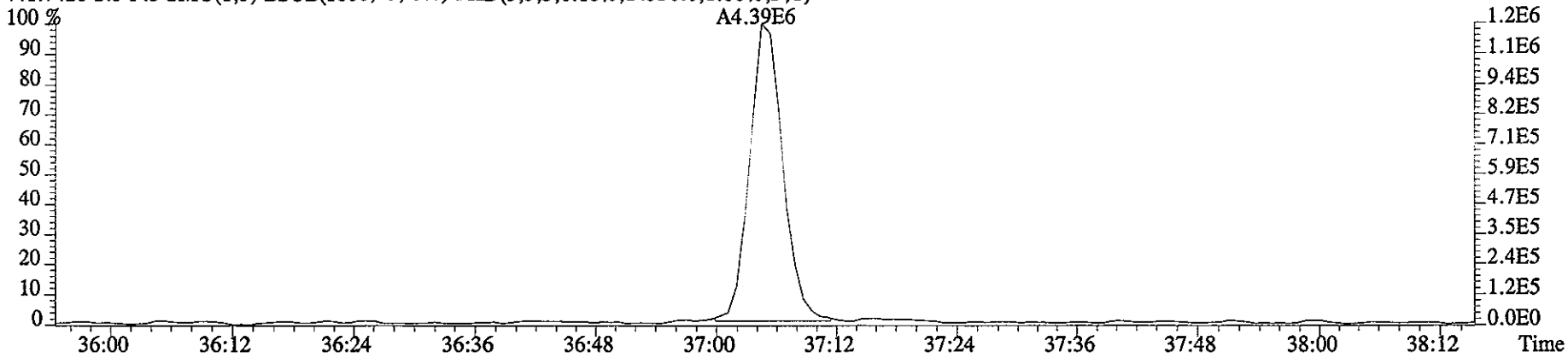
435.8169 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20788.0,1.00%,F,T)



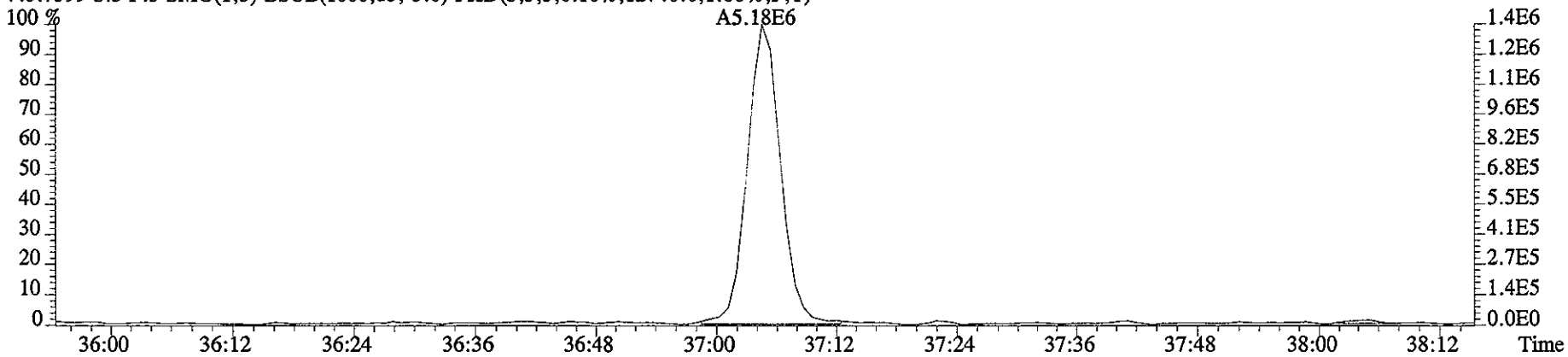
437.8140 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21044.0,1.00%,F,T)



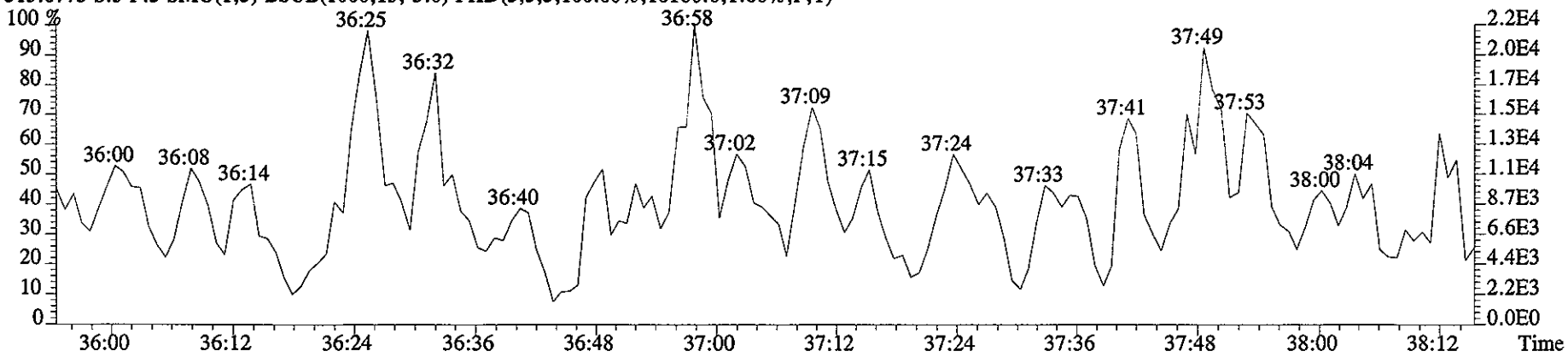
File:10JA061D5 #1-170 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
441.7428 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14556.0,1.00%,F,T)



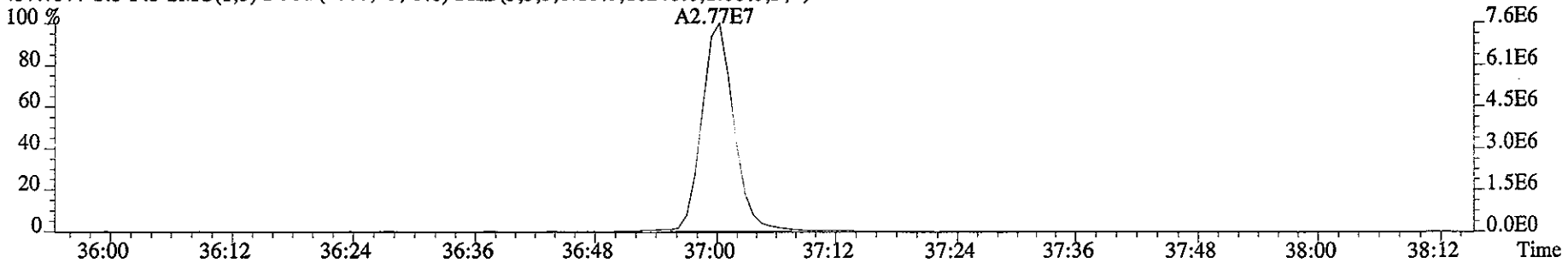
443.7399 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12740.0,1.00%,F,T)



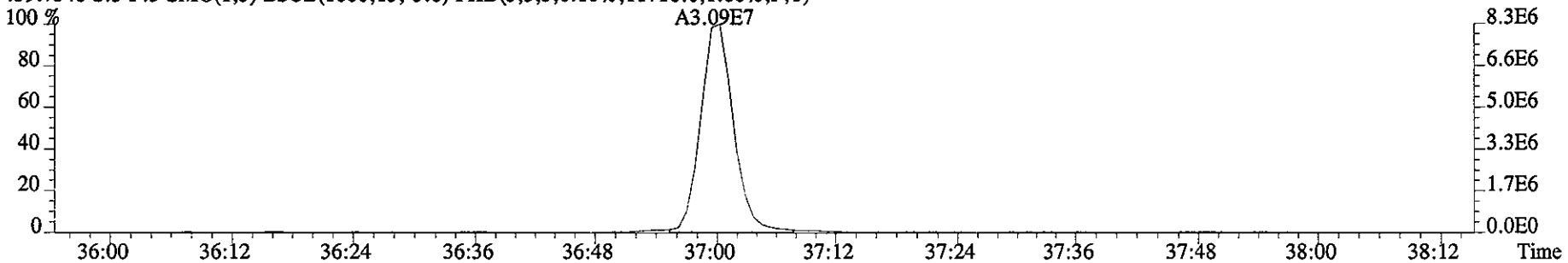
513.6775 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,10160.0,1.00%,F,T)



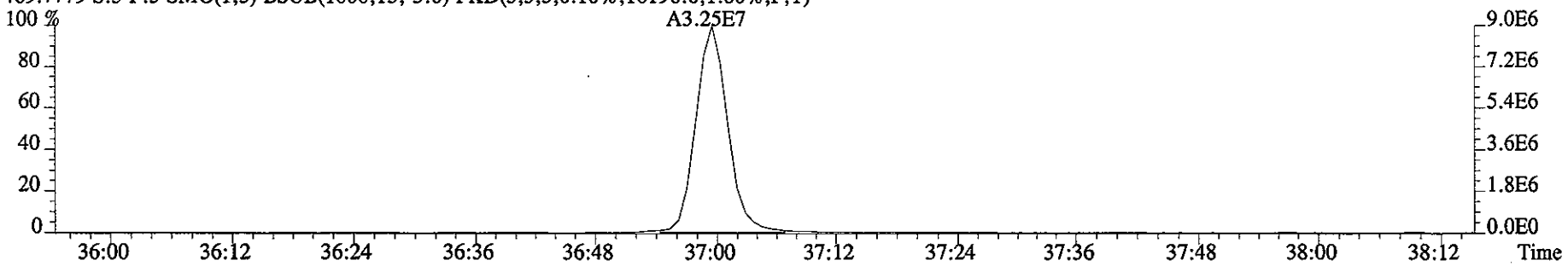
File:10JA061D5 #1-170 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
457.7377 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10240.0,1.00%,F,T)



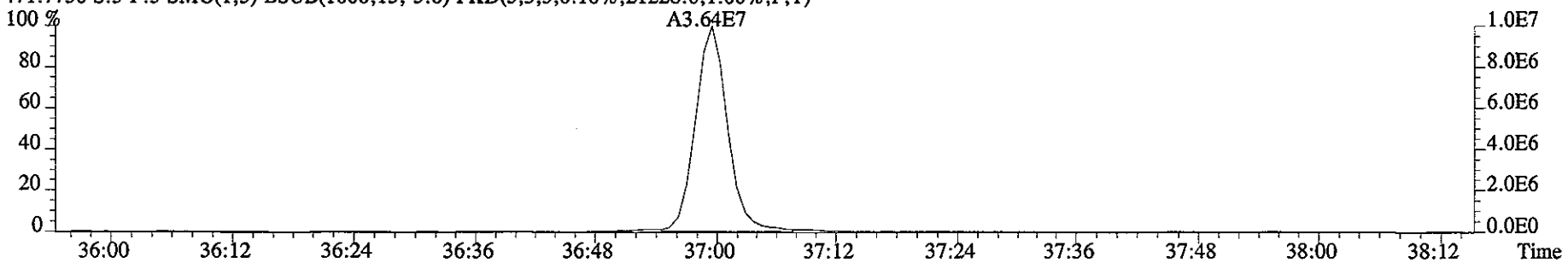
459.7348 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11716.0,1.00%,F,T)

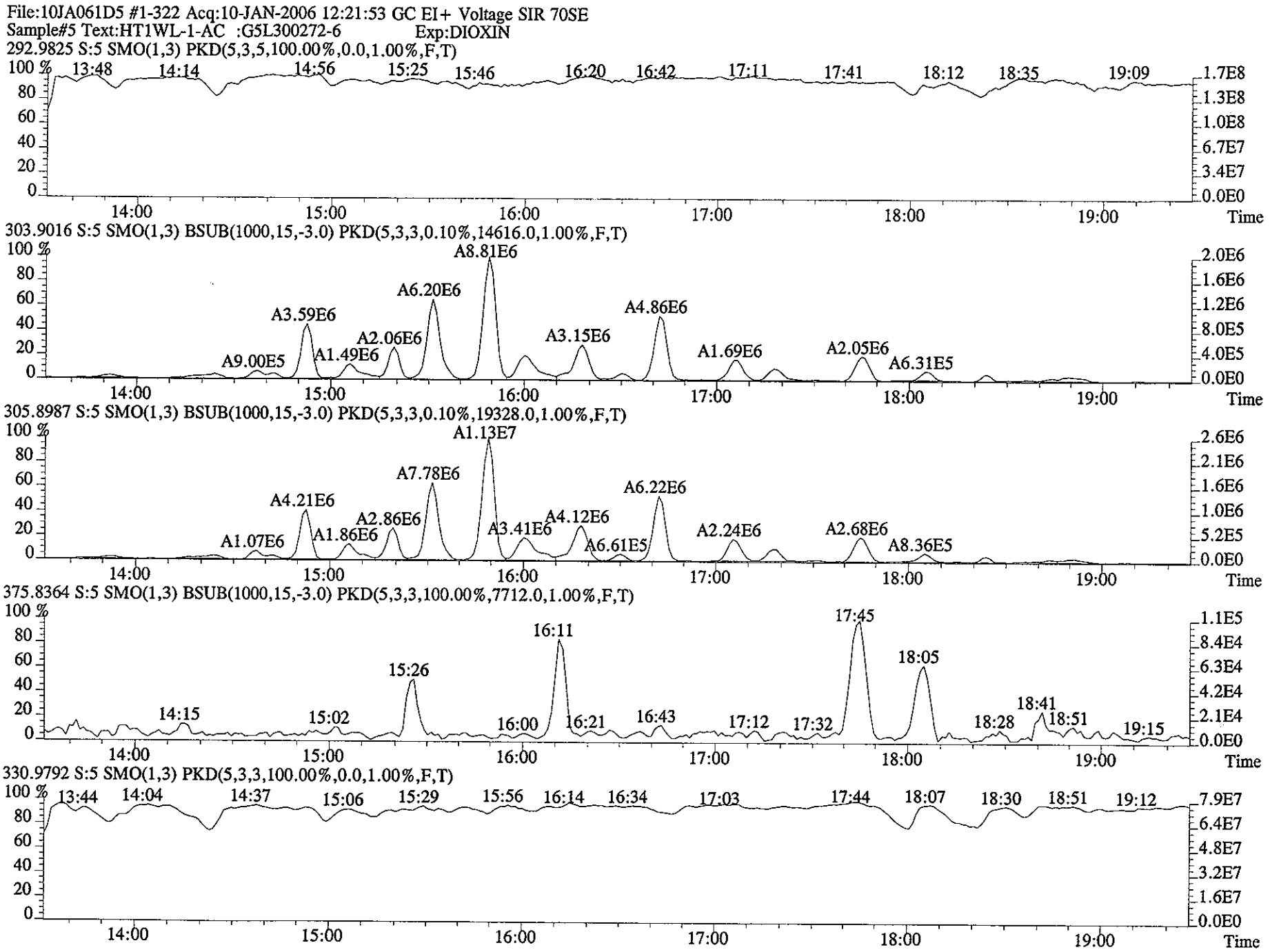


469.7779 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16196.0,1.00%,F,T)

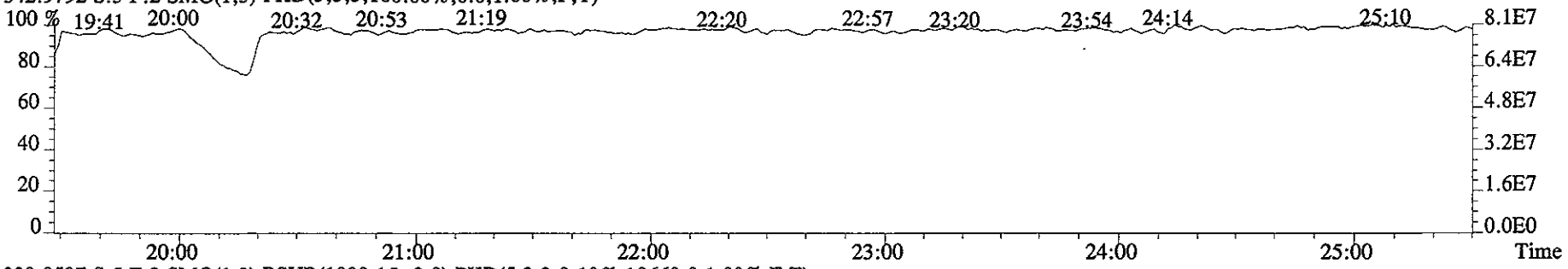


471.7750 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21228.0,1.00%,F,T)

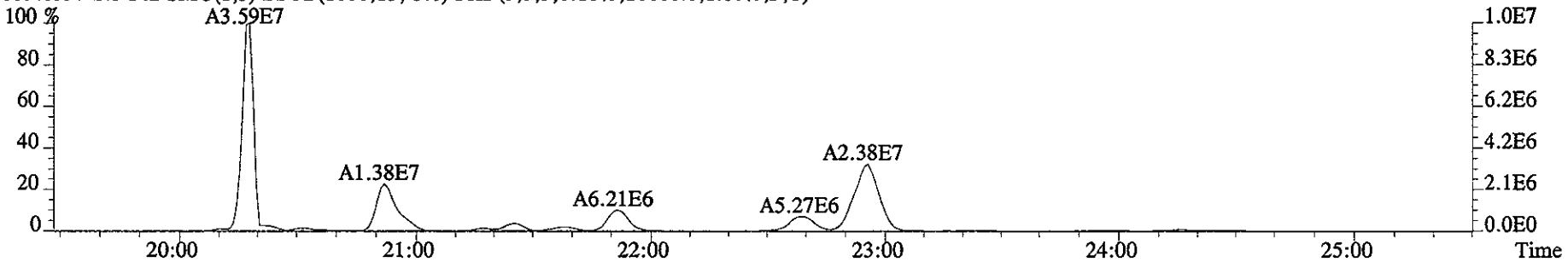



File:10JA061D5 #1-322 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
292.9825 S:5 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)
13:48 14:14 14:56 15:25 15:46 16:20 16:42 17:11 17:41 18:12 18:35 19:09
1.7E8 1.3E8 1.0E8 6.7E7 3.4E7 0.0E0
303.9016 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14616.0,1.00%,F,T)
A8.81E6
A6.20E6
A3.59E6
A4.86E6
A2.06E6
A3.15E6
A9.00E5
A1.49E6
A1.69E6
A2.05E6
A6.31E5
2.0E6 1.6E6 1.2E6 8.0E5 4.0E5 0.0E0
305.8987 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19328.0,1.00%,F,T)
A1.13E7
A7.78E6
A4.21E6
A6.22E6
A2.86E6
A4.12E6
A1.07E6
A1.86E6
A3.41E6
A6.61E5
A2.24E6
A2.68E6
A8.36E5
2.6E6 2.1E6 1.6E6 1.0E6 5.2E5 0.0E0
375.8364 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7712.0,1.00%,F,T)
17:45
16:11
15:26
18:05
14:15
15:02
16:00
16:21
16:43
17:12
17:32
18:28
18:41
18:51
19:15
1.1E5 8.4E4 6.3E4 4.2E4 2.1E4 0.0E0
330.9792 S:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)
13:44 14:04 14:37 15:06 15:29 15:56 16:14 16:34 17:03 17:44 18:07 18:30 18:51 19:12
7.9E7 6.4E7 4.8E7 3.2E7 1.6E7 0.0E0
100 % 80 60 40 20 0
14:00 15:00 16:00 17:00 18:00 19:00 Time

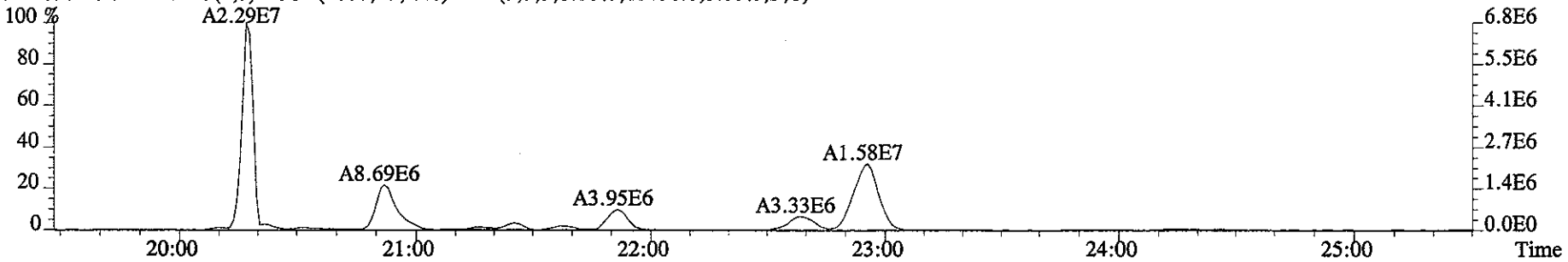
File:10JA061D5 #1-425 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
342.9792 S:5 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



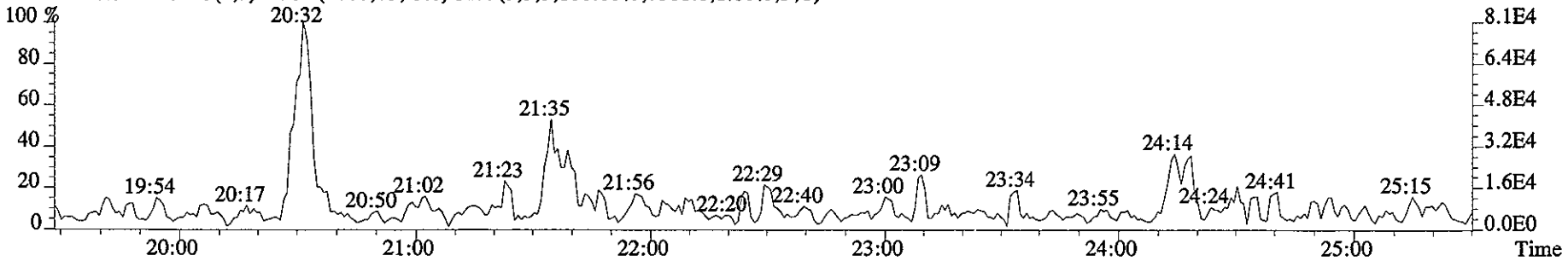
339.8597 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10660.0,1.00%,F,T)



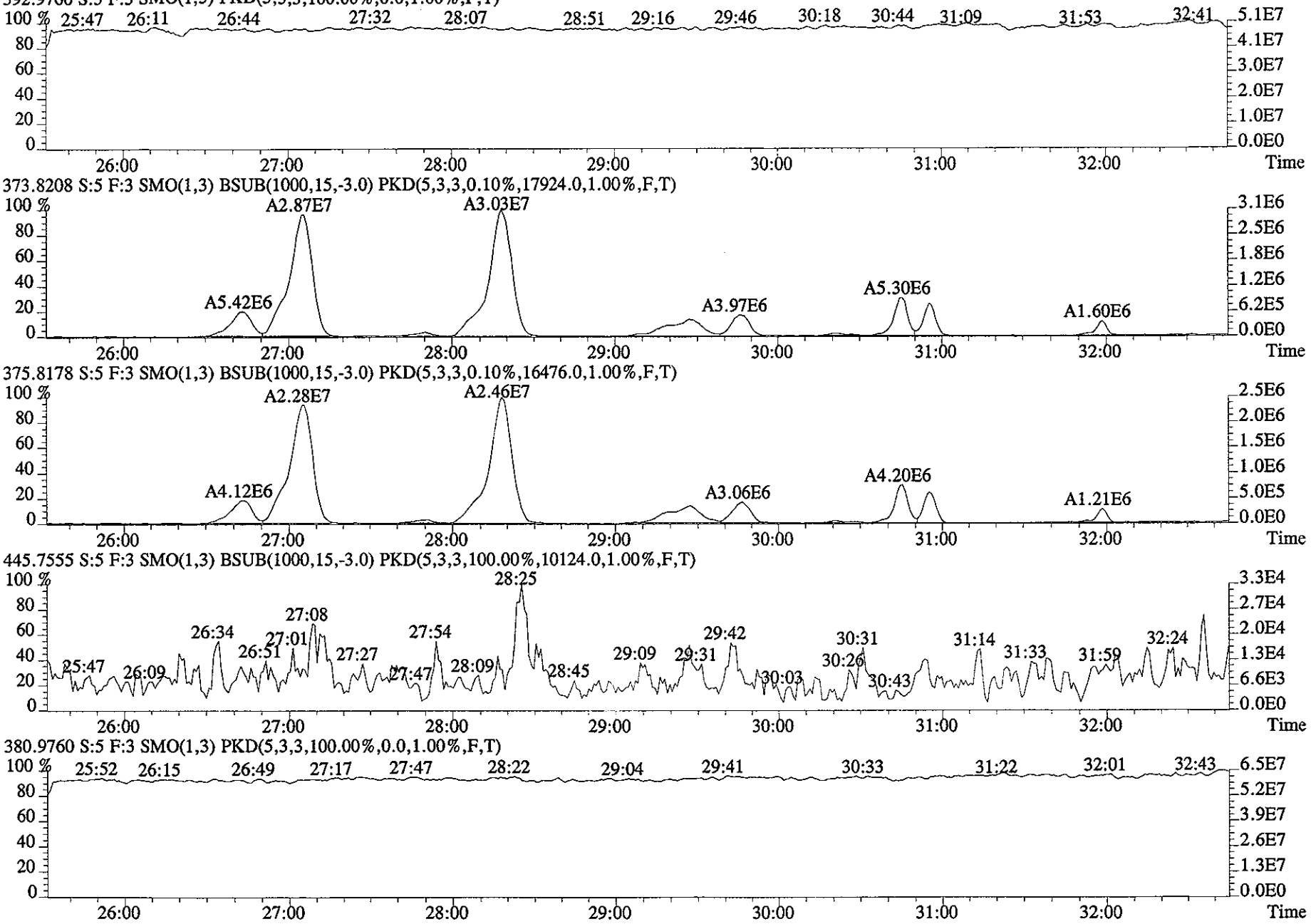
341.8567 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11136.0,1.00%,F,T)



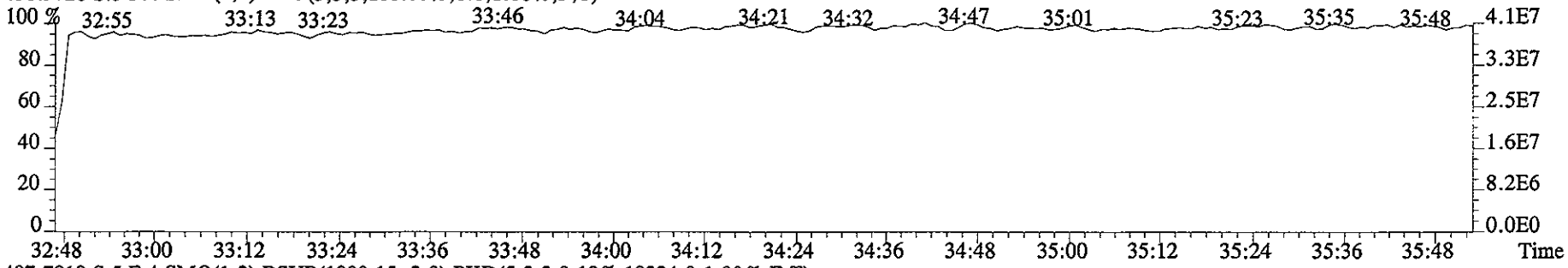
409.7974 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7588.0,1.00%,F,T)



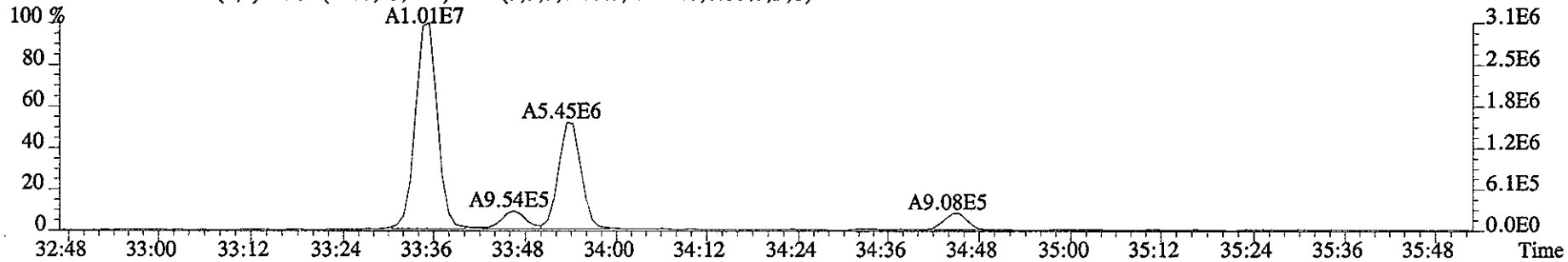
File:10JA061D5 #1-486 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN



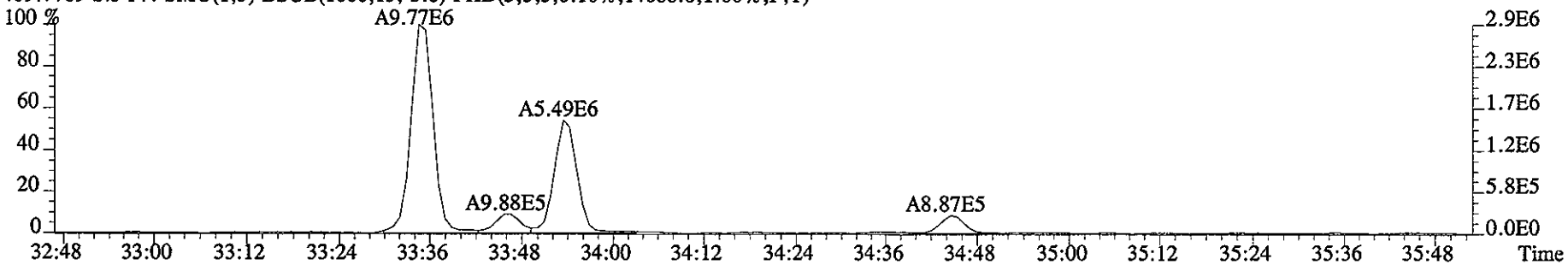
File:10JA061D5 #1-219 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
430.9728 S:5 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



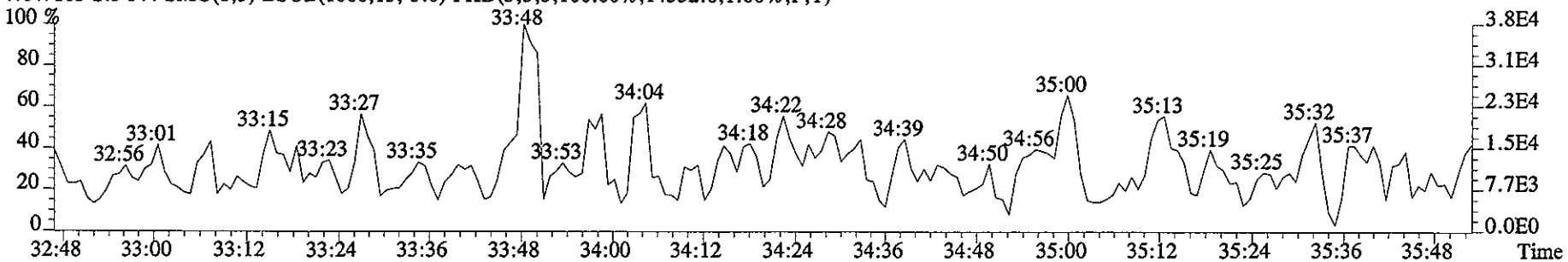
407.7818 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19224.0,1.00%,F,T)



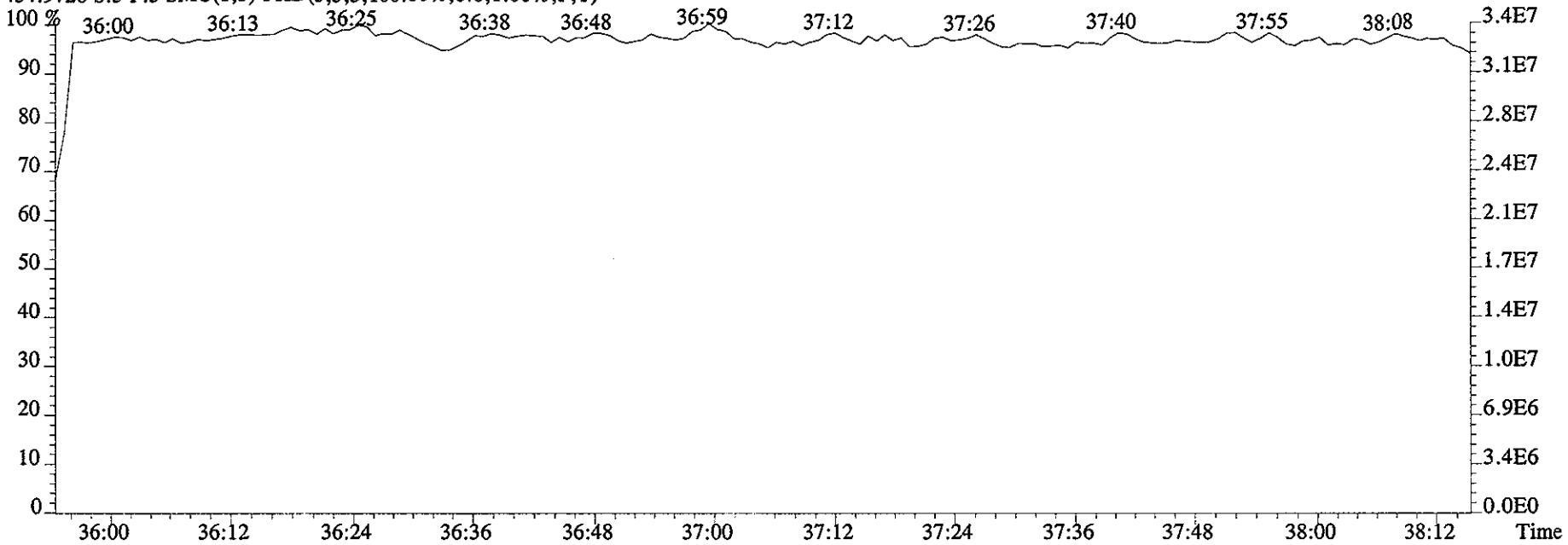
409.7789 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14688.0,1.00%,F,T)



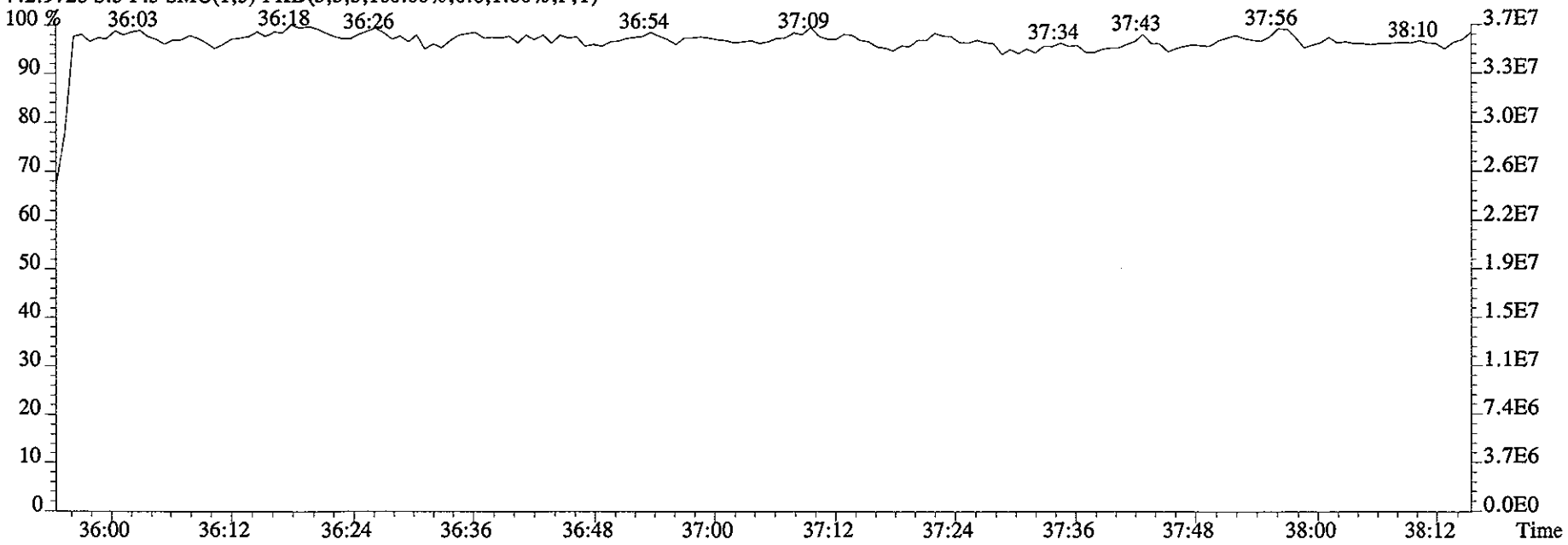
479.7165 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,14352.0,1.00%,F,T)



File:10JA061D5 #1-170 Acq:10-JAN-2006 12:21:53 GC EI+ Voltage SIR 70SE
Sample#5 Text:HT1WL-1-AC :G5L300272-6 Exp:DIOXIN
454.9728 S:5 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



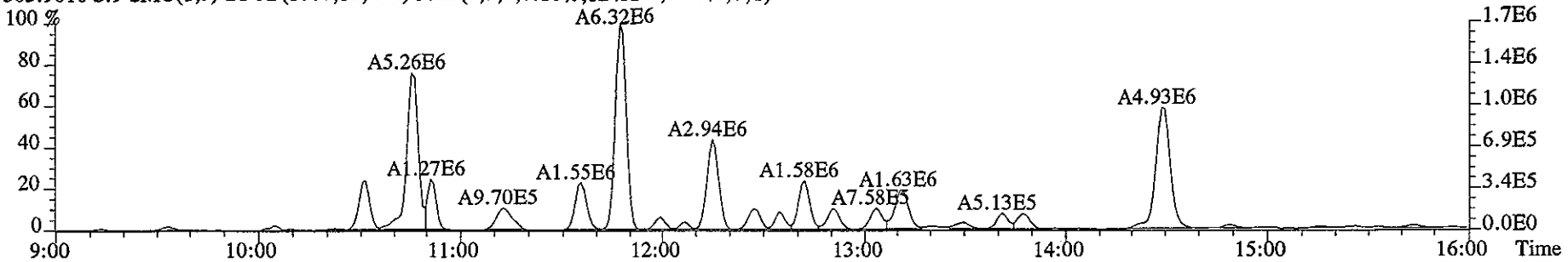
442.9728 S:5 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



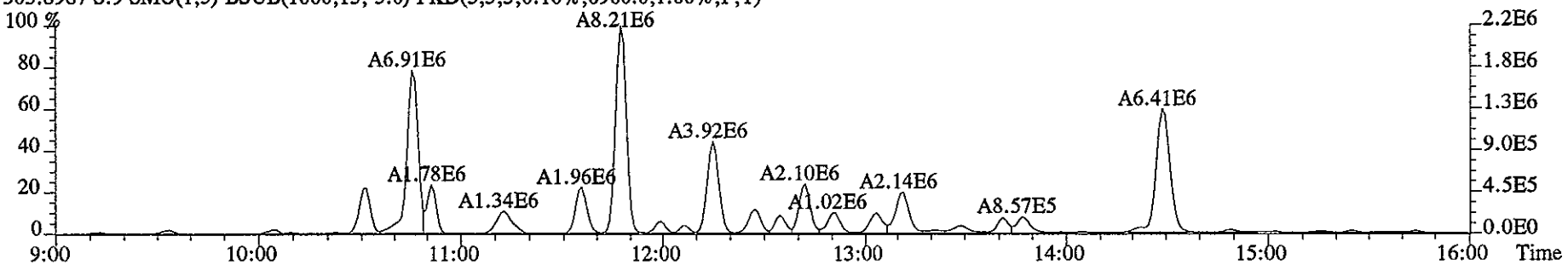
Run text: HT1WL-1-AC Sample text: HT1WL-1-AC :G5L300272-6
Run #12 Filename: 10JA067D2 S: 9 I: 1 Results: 10JA067D2DB225
Acquired: 10-JAN-06 14:36:33 Processed: 11-JAN-06 09:08:06
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000┐g

Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	83983900	0.81	y	11:50	-	4.30		-	-	n
13C-2,3,7,8-TCDF	123925200	0.80	y	12:41	1.50	197.39		0.44	98.7	n
2,3,7,8-TCDF	3677750	0.75	y	12:42	0.92	6.46	CON	0.39	-	n
13C-2,3,7,8-TCDD	64186300	0.79	y	11:38	0.81	189.26		0.51	94.6	n
2,3,7,8-TCDD	419971	0.78	y	11:40	1.23	1.06		0.30	-	n
37Cl-2,3,7,8-TCDD	71627600	1.00	y	11:39	1.96	86.88		0.17	108.6	n

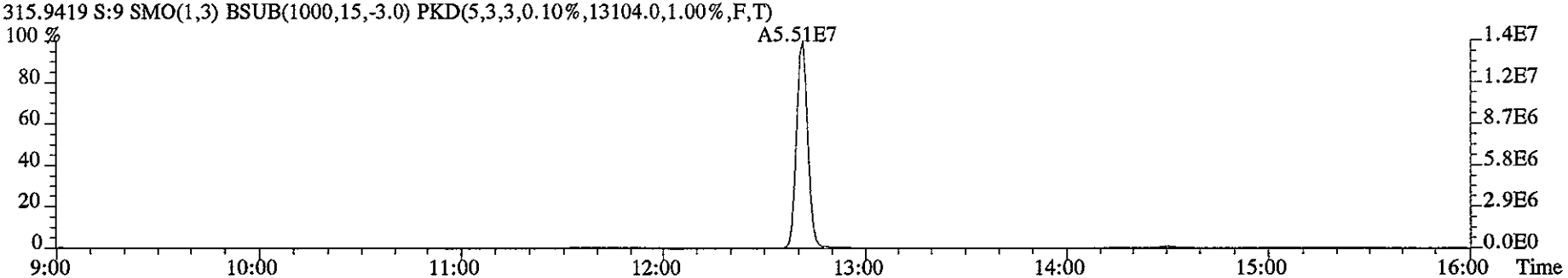
File:10JA067D2 #1-1169 Acq:10-JAN-2006 14:36:33 GC EI+ Voltage SIR 70S
Sample#9 Text:HT1WL-1-AC :G5L300272-6 Exp:DB225
303.9016 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12452.0,1.00%,F,T)



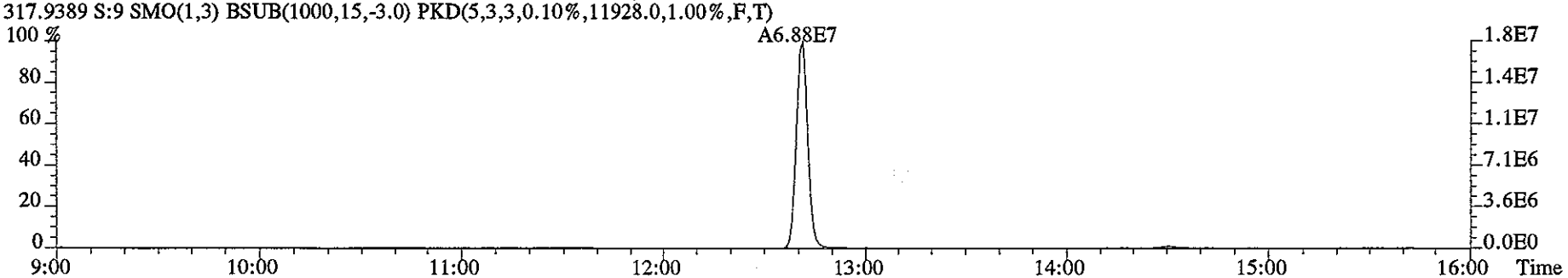
305.8987 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6960.0,1.00%,F,T)



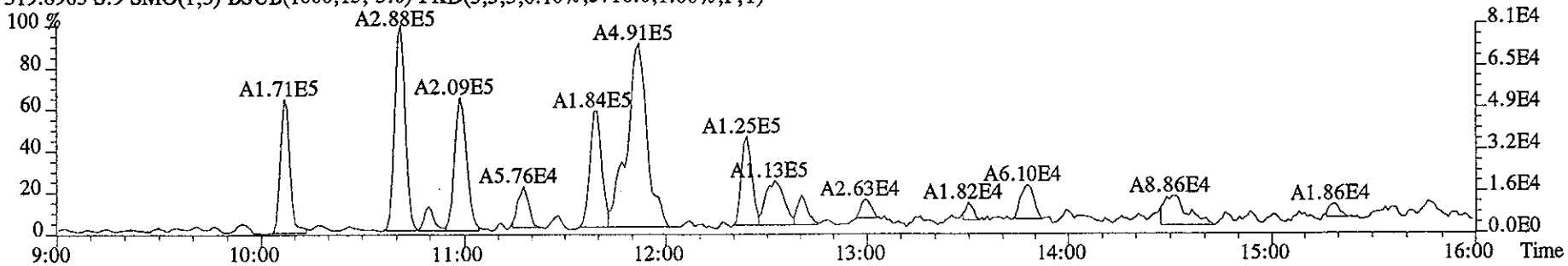
315.9419 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13104.0,1.00%,F,T)



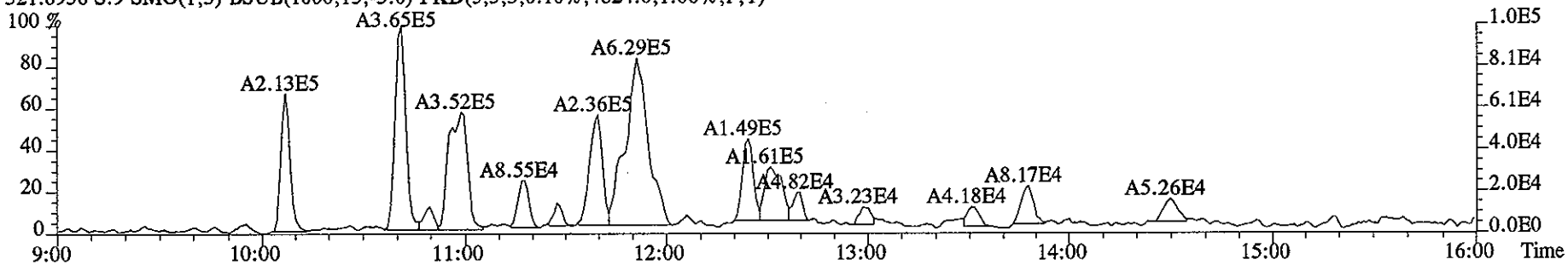
317.9389 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11928.0,1.00%,F,T)



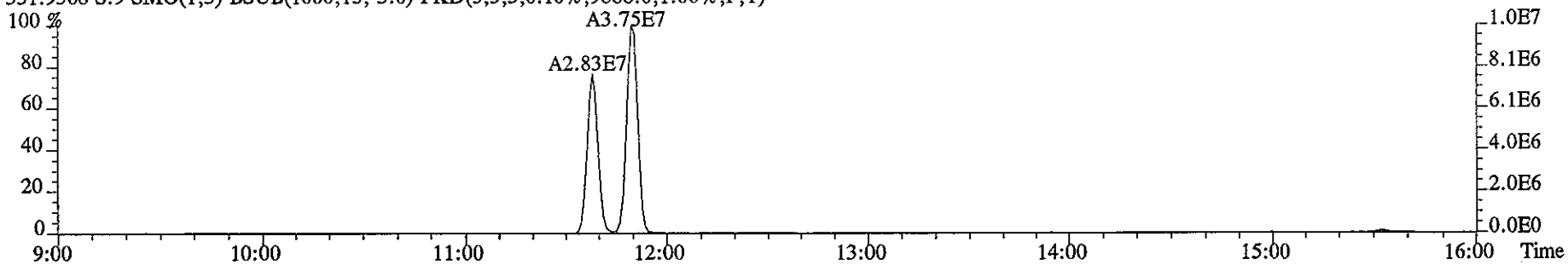
File:10JA067D2 #1-1169 Acq:10-JAN-2006 14:36:33 GC EI+ Voltage SIR 70S
Sample#9 Text:HT1WL-1-AC :G5L300272-6 Exp:DB225
319.8965 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5716.0,1.00%,F,T)



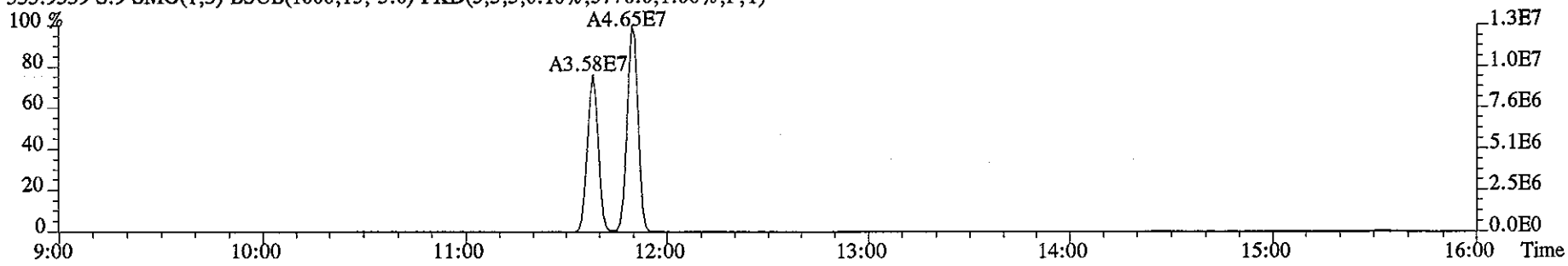
321.8936 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4824.0,1.00%,F,T)



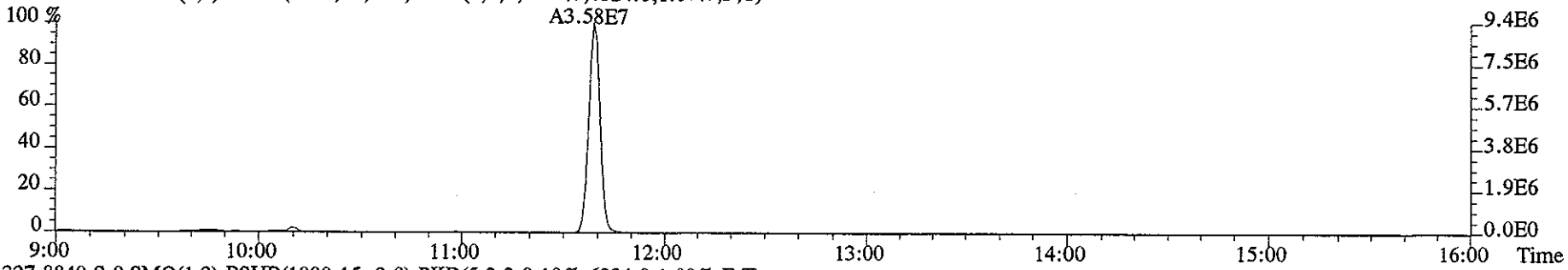
331.9368 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9888.0,1.00%,F,T)



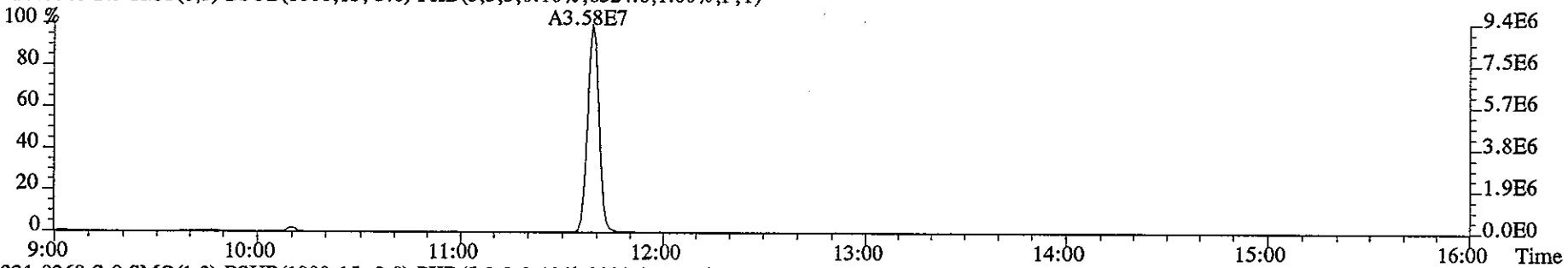
333.9339 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5776.0,1.00%,F,T)



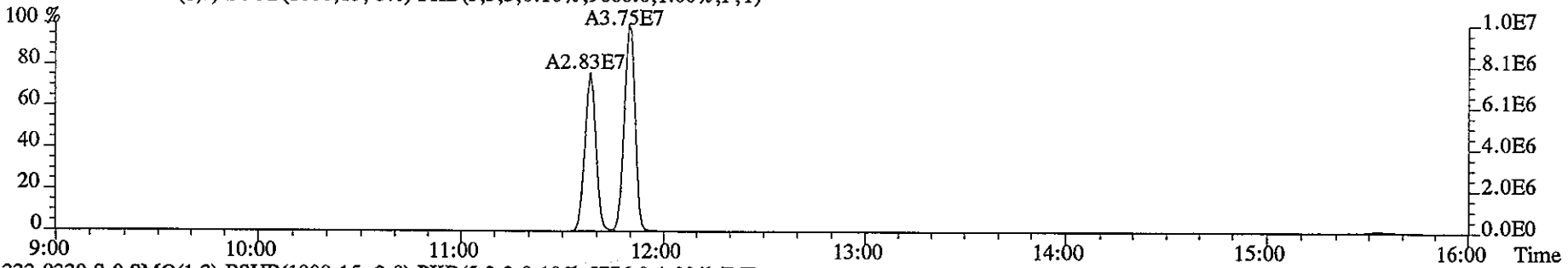
File:10JA067D2 #1-1169 Acq:10-JAN-2006 14:36:33 GC EI+ Voltage SIR 70S
Sample#9 Text:HT1WL-1-AC :G5L300272-6 Exp:DB225
327.8840 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6324.0,1.00%,F,T)



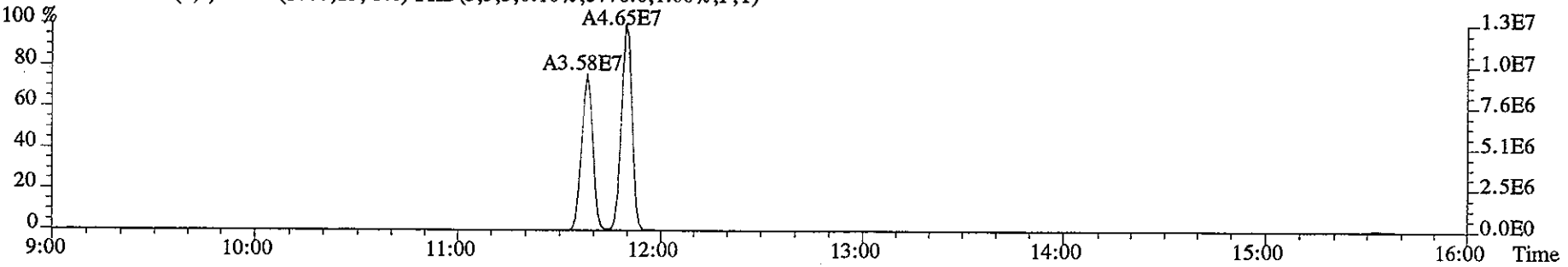
327.8840 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6324.0,1.00%,F,T)



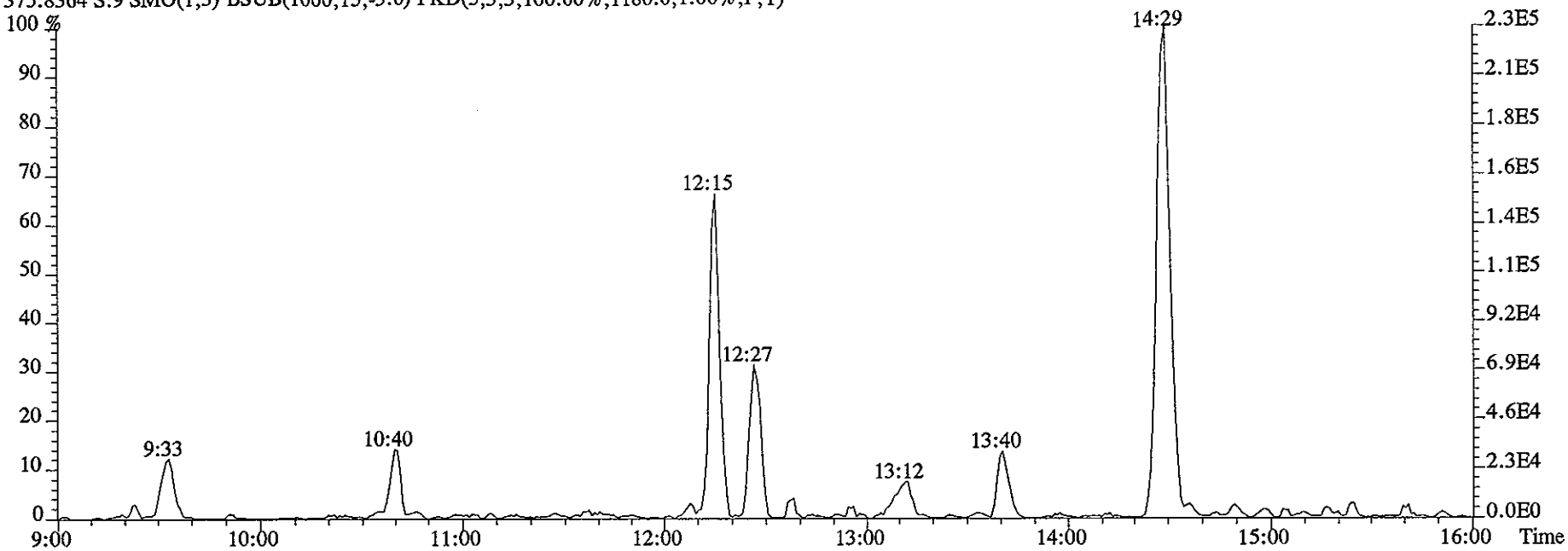
331.9368 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9888.0,1.00%,F,T)



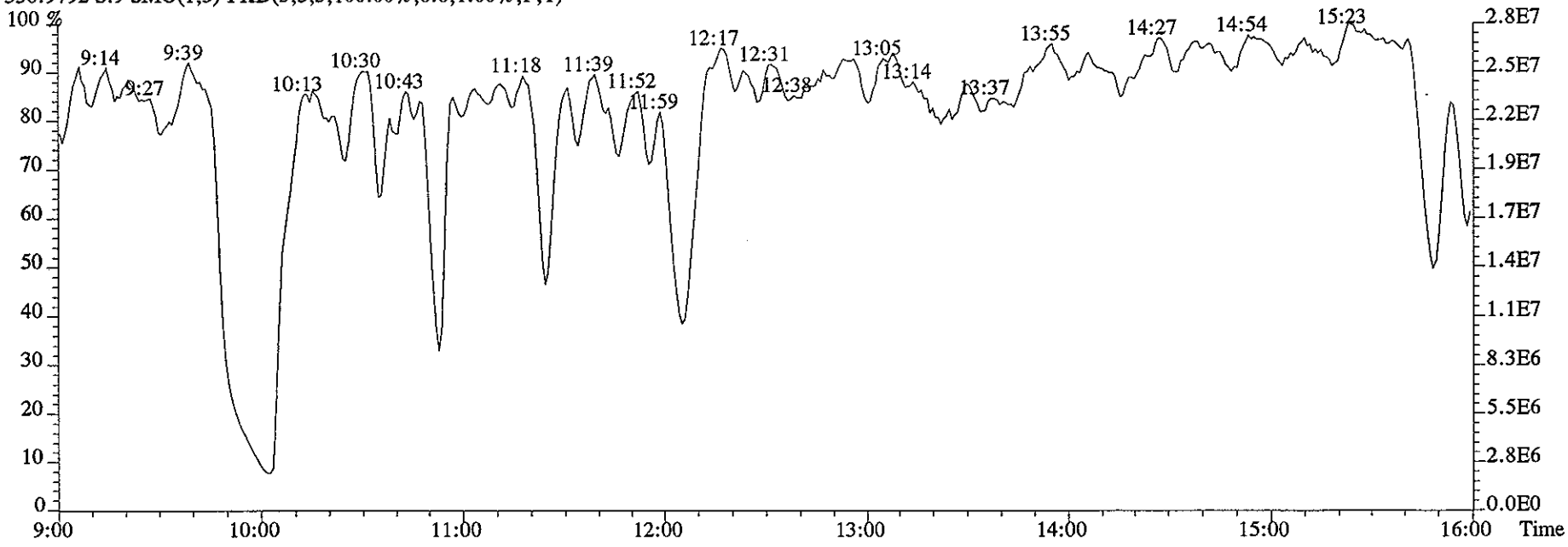
333.9339 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5776.0,1.00%,F,T)



File:10JA067D2 #1-1169 Acq:10-JAN-2006 14:36:33 GC EI+ Voltage SIR 70S
Sample#9 Text:HT1WL-1-AC :G5L300272-6 Exp:DB225
375.8364 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1180.0,1.00%,F,T)



330.9792 S:9 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1WP-1-AC Sample text: HT1WP-1-AC :G5L300272-8
Run #9 Filename: 10JA061D5 S: 6 I: 1 Results: 10JA061D58290
Acquired: 10-JAN-06 13:03:33 Processed: 10-JAN-06 16:04:20
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	86326300	0.82	y	16:57	-	8.25	-	-	n
13C-2,3,7,8-TCDF	95595000	0.79	y	16:29	1.68	131.61	0.53	65.8	n
2,3,7,8-TCDF	571425	0.58	n	16:30	1.16	1.03 See DB 773	0.44	-	n
Total TCDF	2929494	0.70	y	14:43	1.16	~~5.27~~ 3.57	0.44	-	n
13C-2,3,7,8-TCDD	55817300	0.80	y	17:07	0.90	144.31	1.25	72.2	n
2,3,7,8-TCDD	*	*	n	NotFnd	1.32	*	0.65	-	n
Total TCDD	*	*	n	NotFnd	1.32	*	0.65	-	n
37Cl-2,3,7,8-TCDD	59041800	1.00	y	17:09	2.44	55.96	0.30	69.9	n
13C-1,2,3,7,8-PeCDF	87885900	1.56	y	21:07	1.54	131.80	0.52	65.9	n
1,2,3,7,8-PeCDF	*	*	n	NotFnd	1.00	*	0.62	-	n
2,3,4,7,8-PeCDF	365821	1.56	y	22:20	1.05	0.79 DC	0.59	-	n
Total F2 PeCDF	2559291	1.92	n	19:53	1.03	~~5.66~~	~~0.61~~	-	n
Total F1 PeCDF	933438	0.91	n	14:46	1.03	~~2.07~~	~~0.42~~ 2.14	-	n
13C-1,2,3,7,8-PeCDD	63123300	1.64	y	23:00	0.91	160.01	0.89	80.0	n
1,2,3,7,8-PeCDD	*	*	n	NotFnd	1.04	*	0.91	-	n
Total PeCDD	*	*	n	NotFnd	1.04	*	0.91	-	n
13C-1,2,3,7,8,9-HxCDD	78705600	1.24	y	31:27	-	8.18	-	-	n
13C-1,2,3,4,7,8-HxCDF	64597900	0.53	y	28:56	1.38	118.68	1.10	59.3	n
1,2,3,4,7,8-HxCDF	*	*	n	NotFnd	1.11	*	1.65	-	n
1,2,3,6,7,8-HxCDF	*	*	n	NotFnd	1.14	*	1.61	-	n
2,3,4,6,7,8-HxCDF	125215	0.58	n	30:37	1.06	~~0.36~~	1.72	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.02	*	1.80	-	n
Total HxCDF	1641827	1.29	y	26:40	1.08	~~4.70~~	~~1.69~~ 2.43	-	n
13C-1,2,3,6,7,8-HxCDD	59156900	1.25	y	31:01	0.96	156.97	0.95	78.5	n
1,2,3,4,7,8-HxCDD	*	*	n	NotFnd	0.95	*	1.58	-	n
1,2,3,6,7,8-HxCDD	*	*	n	NotFnd	1.00	*	1.50	-	n
1,2,3,7,8,9-HxCDD	*	*	n	NotFnd	1.04	*	1.44	-	n
Total HxCDD	*	*	n	NotFnd	1.00	*	~~1.51~~ 1.58	-	n
13C-1,2,3,4,6,7,8-HpCDF	54947700	0.45	y	33:27	1.13	123.62	2.13	61.8	n
1,2,3,4,6,7,8-HpCDF	789755	1.21	n	33:28	1.31	2.19 DL	1.02	-	n
1,2,3,4,7,8,9-HpCDF	189710	0.97	y	34:38	1.19	~~0.58~~	1.12	-	n
Total HpCDF	1136464	1.21	n	33:28	1.25	~~3.23~~	~~1.07~~ 2.19	-	n
13C-1,2,3,4,6,7,8-HpCDD	53697800	1.04	y	34:20	1.00	136.72	1.77	68.4	n
1,2,3,4,6,7,8-HpCDD	509831	1.20	n	34:20	0.95	2.00 DC	1.71	-	n
Total HpCDD	1162714	1.05	y	33:44	0.95	~~4.57~~	~~1.71~~ 2.00	-	n
13C-OCDD	77955100	0.91	y	36:53	~~0.81~~ 0.64	244.75	1.66	~~61.2~~ 77.5	n
OCDF	500912	0.82	y	36:59	1.32	1.95 a	1.44	-	n
OCDD	2077516	0.84	y	36:54	1.00	10.61	1.30	-	n

Run Text: HT1WP-1-AC Sample text: HT1WP-1-AC :G5L300272-8

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:11
Run: 9 File: 10JA061D5 S:6 Acq:10-JAN-06 13:03:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	52.71 of which	10.28 named and	42.43 unnamed
Conc:	5.27 of which	1.03 named and	4.24 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:43	0.70	y	0.18	42425	1.2	n	n
						60212	1.8	n	n
	2	14:56	0.63	n	0.28	67520	1.6	n	n
						107534	2.9	n	n
	3	15:09	0.54	n	0.19	46579	1.3	n	n
						86047	2.3	n	n
	4	15:24	0.80	y	0.62	152838	2.6	n	n
						191821	3.0	y	n
	5	15:39	1.30	n	0.64 JA	260698	4.9	y	n
						200971	5.6	y	n
	6	15:51	0.68	y	0.66	147862	2.2	n	n
						217304	3.7	y	n
	7	16:08	1.67	n	0.31	161406	2.9	n	n
						96673	3.1	y	n
2,3,7,8-TCDF	8	16:30	0.58	n	1.03	248586	5.6	y	n
						428442	9.4	y	n
	9	16:53	0.51	n	0.42	100891	2.8	n	n
						196275	5.2	y	n
	10	17:04	0.67	y	0.62	138126	2.6	n	n
						205598	4.0	y	n
	11	17:35	1.63	n	0.33	166185	2.8	n	n
						102178	2.4	n	n

Run Text: HT1WP-1-AC Sample text: HT1WP-1-AC :G5L300272-8

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:0
Run: 9 File: 10JA061D5 S:6 Acq:10-JAN-06 13:03:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	* of which	* named and	* unnamed
Conc:	* of which	* named and	* unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF¶	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HT1WP-1-AC Sample text: HT1WP-1-AC :G5L300272-8

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:6
Run: 9 File: 10JA061D5 S:6 Acq:10-JAN-06 13:03:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D¶

Amount:	56.56 of which	7.94 named and	48.63	unnamed
Conc:	5.66 of which	0.79 named and	4.86	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	19:53	1.92	n	2.14	725851	16.6	y	n
						379008	7.6	y	n
	2	20:36	0.85	n	0.60	164589	5.0	y	n
						194752	2.8	n	n
	3	21:36	1.40	y	0.59	154603	3.7	y	n
						110251	2.0	n	n
2,3,4,7,8-PeCDF	4	22:20	1.56	y	0.79	222801	4.4	y	n
						143020	2.5	n	n
	5	22:39	1.86	n	1.05	344254	6.2	y	n
						185334	2.7	n	n
	6	22:54	0.91	n	0.48	132977	2.9	n	n
						145855	2.8	n	n

Run Text: HT1WP-1-AC Sample text: HT1WP-1-AC :G5L300272-8

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:4
Run: 9 File: 10JA061D5 S:6 Acq:10-JAN-06 13:03:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	20.69	of which	* named and	20.69	unnamed
Conc:	2.07	of which	* named and	2.07	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:46	0.91	n	0.43	117983	4.1	y	n
						129201	4.3	y	n
	2	15:00	0.92	n	0.08	22978	0.9	n	n
						24962	0.8	n	n
	3	18:09	0.68	n	0.30	82756	2.7	n	n
						122238	3.7	y	n
	4	18:27	1.41	y	1.25	330735	13.4	y	n
						234653	8.0	y	n

Run Text: HT1WP-1-AC Sample text: HT1WP-1-AC :G5L300272-8

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:0
Run: 9 File: 10JA061D5 S:6 Acq:10-JAN-06 13:03:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	*	of which	* named and	*	unnamed
Conc:	*	of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HT1WP-1-AC Sample text: HT1WP-1-AC :G5L300272-8

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:3
Run: 9 File: 10JA061D5 S:6 Acq:10-JAN-06 13:03:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	46.99	of which	3.64 named and	43.35	unnamed
Conc:	4.70	of which	0.36 named and	4.33	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	26:40	1.29	y	2.43	478660	3.9	y	n

						371430	5.2	y	n
	2	27:53	1.16	y	1.90	357355	3.6	y	n
						309167	4.2	y	n
2,3,4,6,7,8-HxCDF	3	30:37	0.58	n	0.36	69316	1.0	n	n
						119297	2.4	n	n

Run Text: HT1WP-1-AC Sample text: HT1WP-1-AC :G5L300272-8

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:0
Run: 9 File: 10JA061D5 S:6 Acq:10-JAN-06 13:03:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	* of which	* named and	* unnamed
Conc:	* of which	* named and	* unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HT1WP-1-AC Sample text: HT1WP-1-AC :G5L300272-8

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:3
Run: 9 File: 10JA061D5 S:6 Acq:10-JAN-06 13:03:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	32.30 of which	27.73 named and	4.57 unnamed
Conc:	3.23 of which	2.77 named and	0.46 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,6,7,8-HpCDF	1	33:28	1.21	n	2.19	467824	8.5	y	n
						387135	6.4	y	n
	2	33:46	0.47	n	0.46	80038	1.8	n	n
						169746	2.6	n	n
1,2,3,4,7,8,9-HpCDF	3	34:38	0.97	y	0.58	93508	1.4	n	n
						96202	1.6	n	n

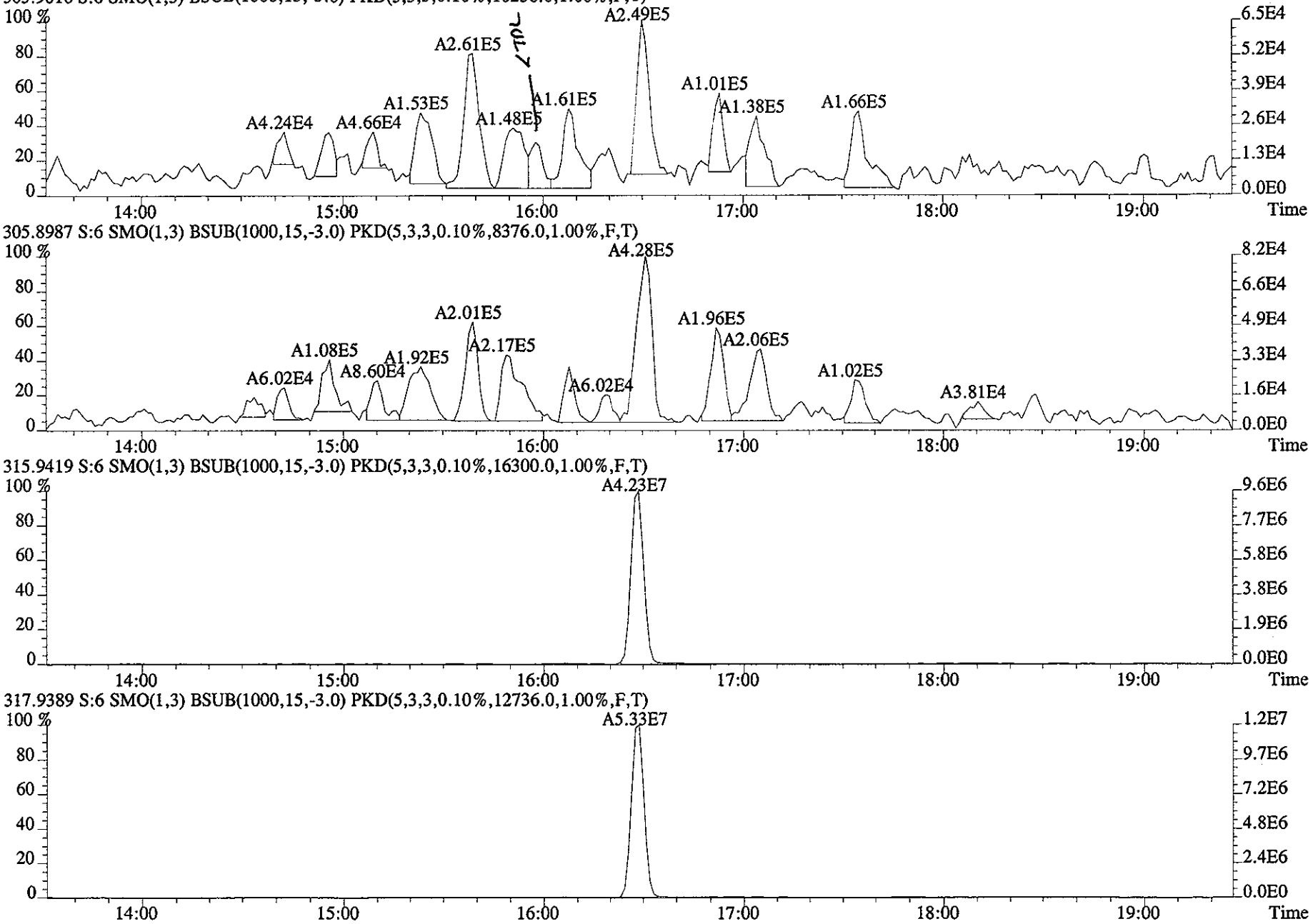
Run Text: HT1WP-1-AC Sample text: HT1WP-1-AC :G5L300272-8

Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:3
Run: 9 File: 10JA061D5 S:6 Acq:10-JAN-06 13:03:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	45.66 of which	20.02 named and	25.64	unnamed
Conc:	4.57 of which	2.00 named and	2.56	unnamed

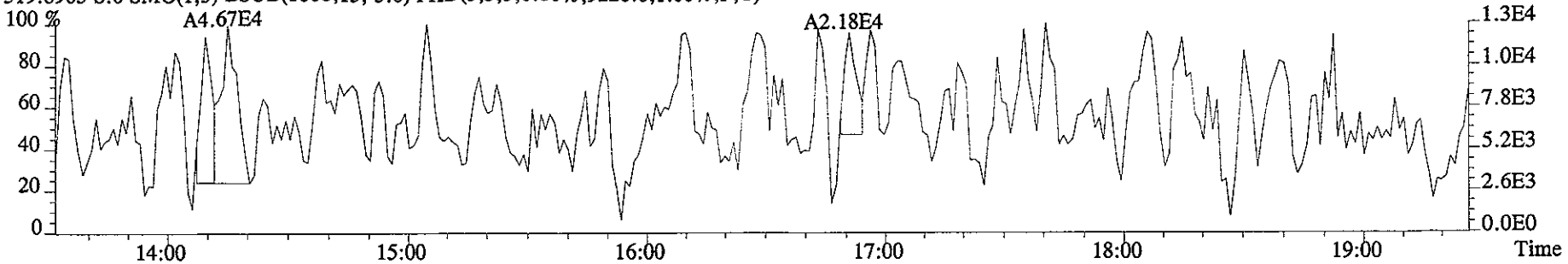
Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:44	1.05	y	1.87	243814	4.1	y	n
						232807	4.0	y	n
1,2,3,4,6,7,8-HpCDD	2	34:20	1.20	n	2.00	301144	3.8	y	n
						249917	3.7	y	n
	3	34:38	2.24	n	0.69	193975	2.5	n	n
						86403	1.2	n	n

File:10JA061D5 #1-322 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN

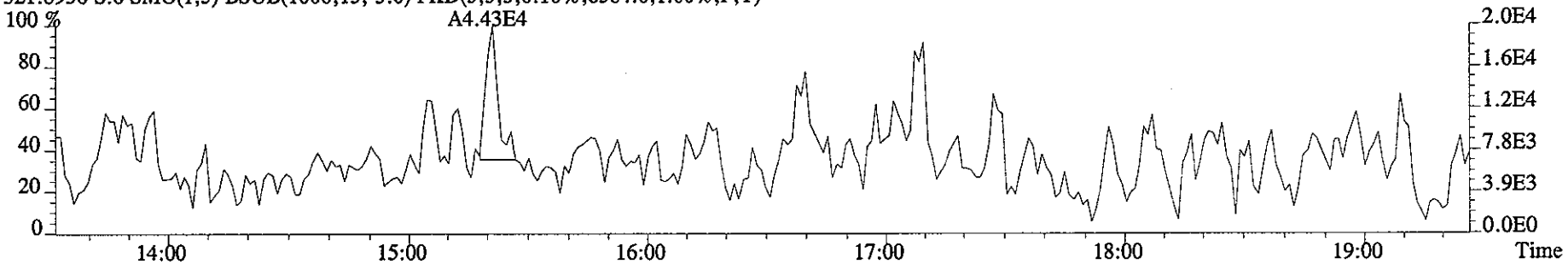


File:10JA061D5 #1-322 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN

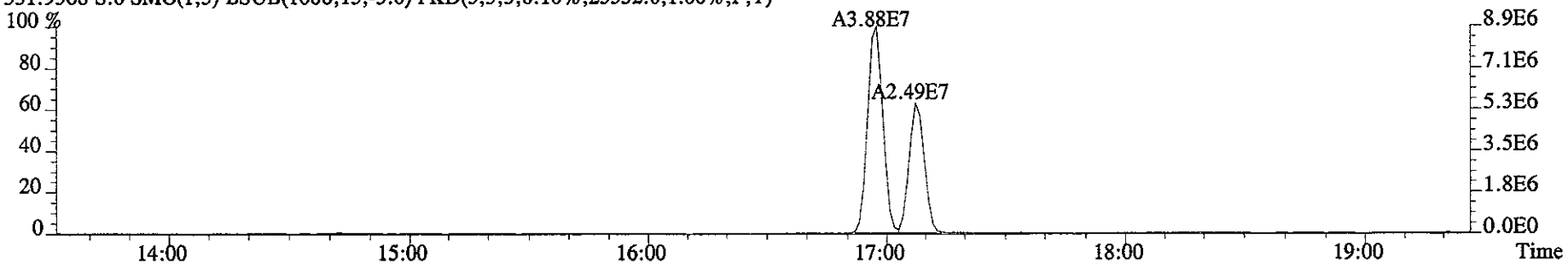
319.8965 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9220.0,1.00%,F,T)



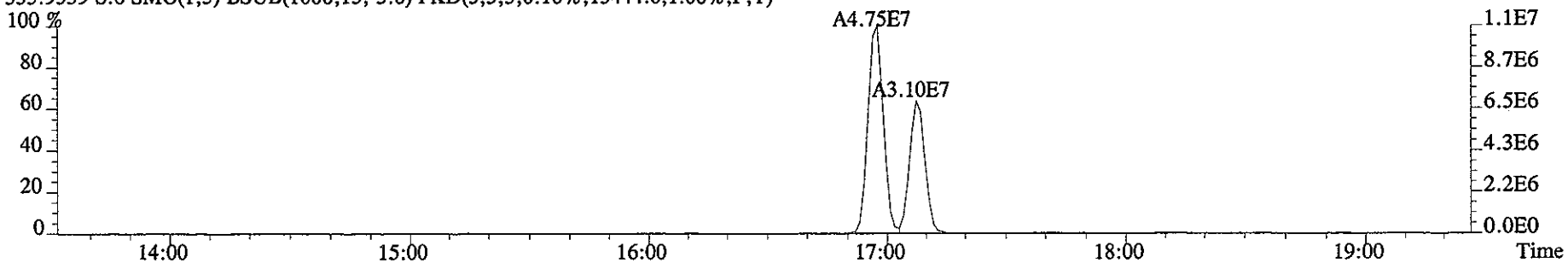
321.8936 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8584.0,1.00%,F,T)



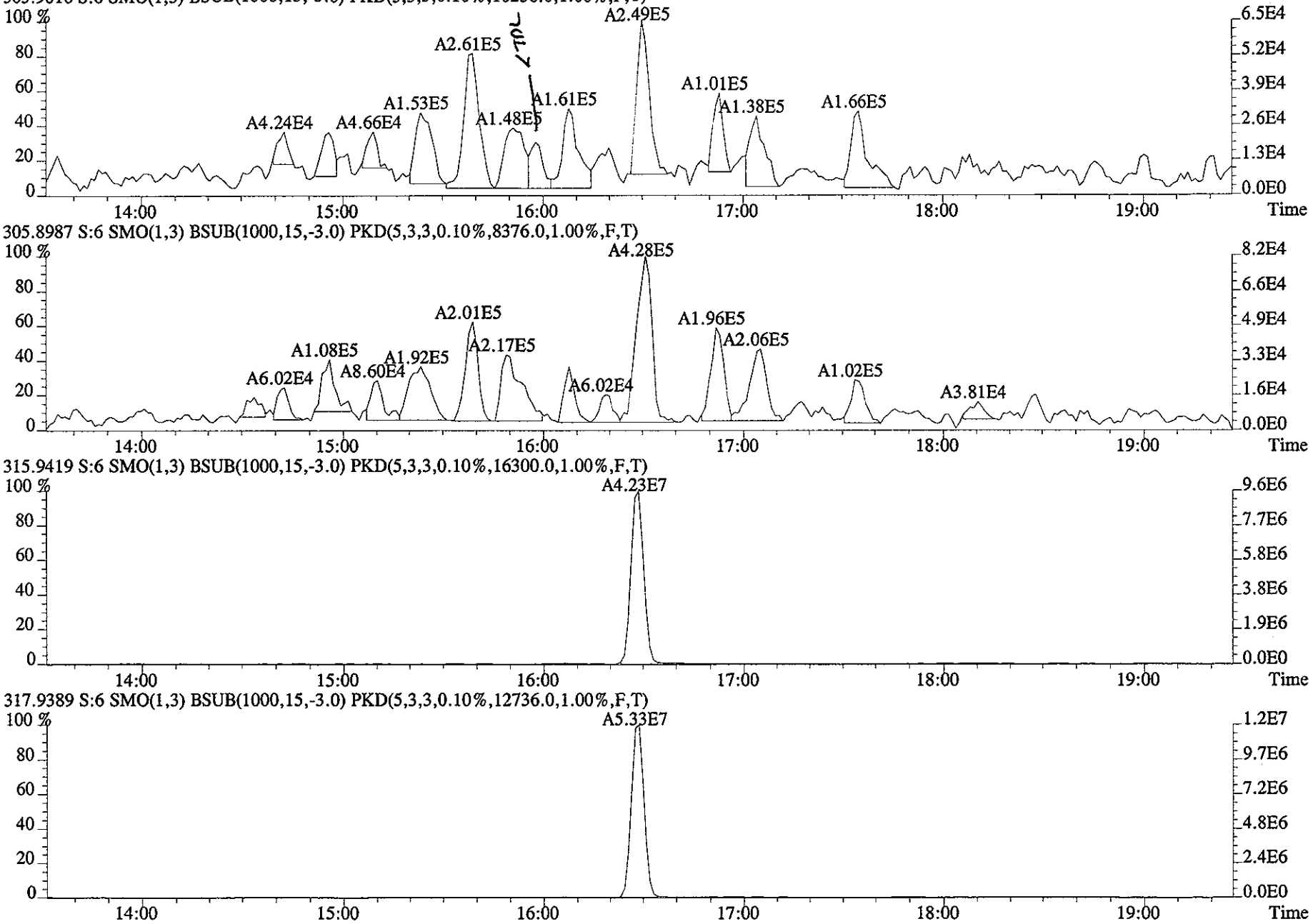
331.9368 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,23332.0,1.00%,F,T)



333.9339 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13444.0,1.00%,F,T)

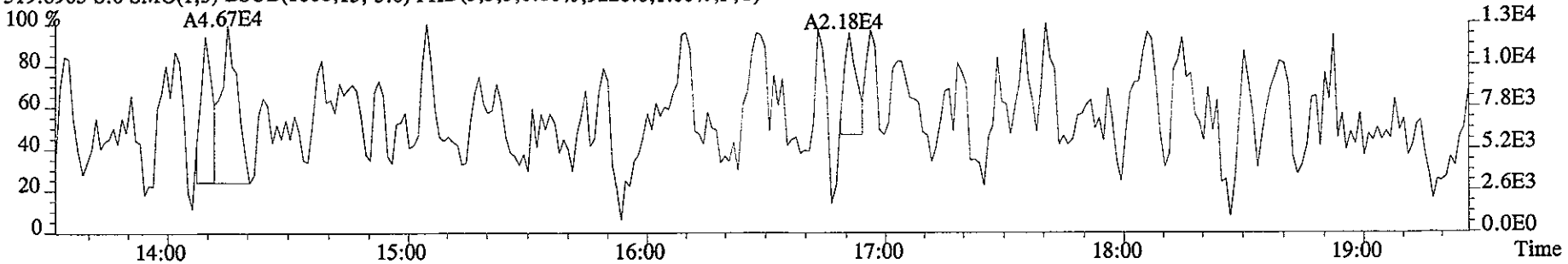


File:10JA061D5 #1-322 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN

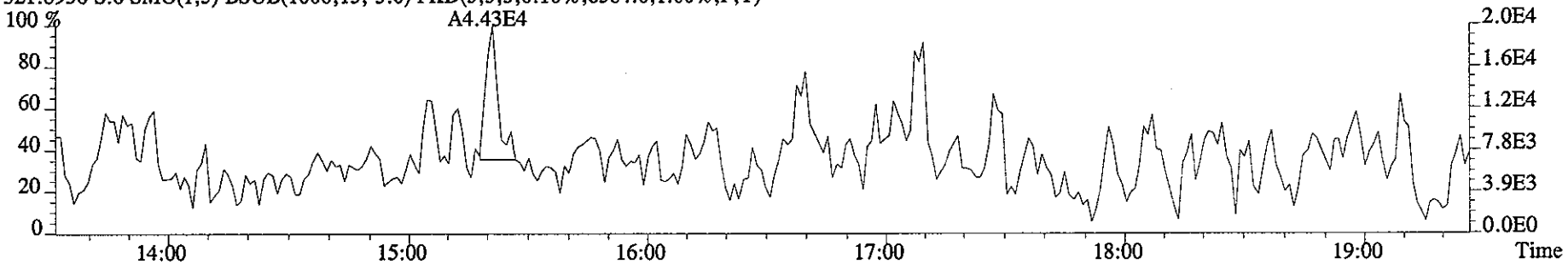


File:10JA061D5 #1-322 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN

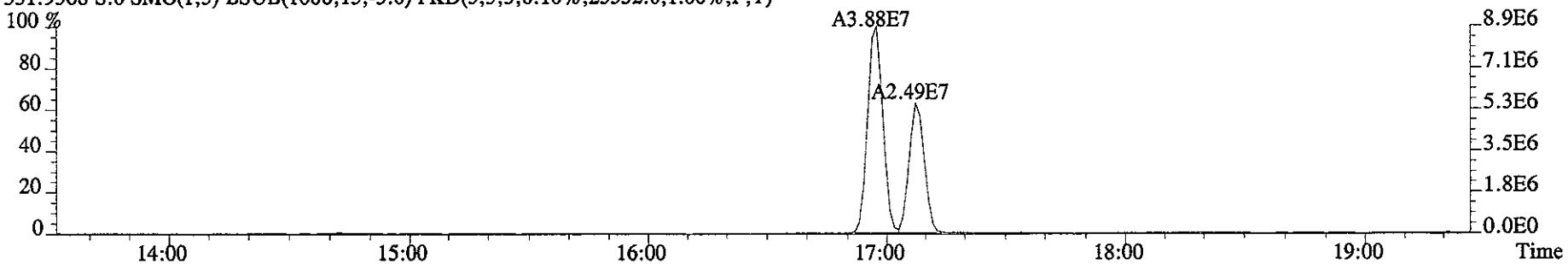
319.8965 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9220.0,1.00%,F,T)



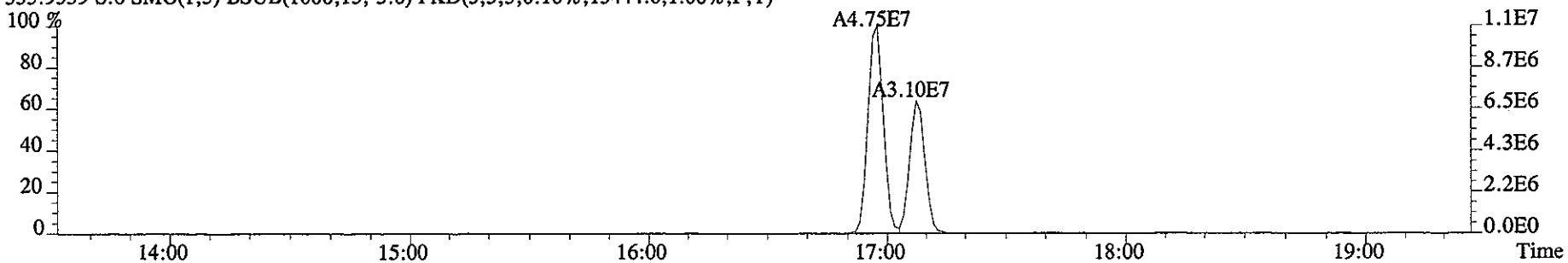
321.8936 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8584.0,1.00%,F,T)



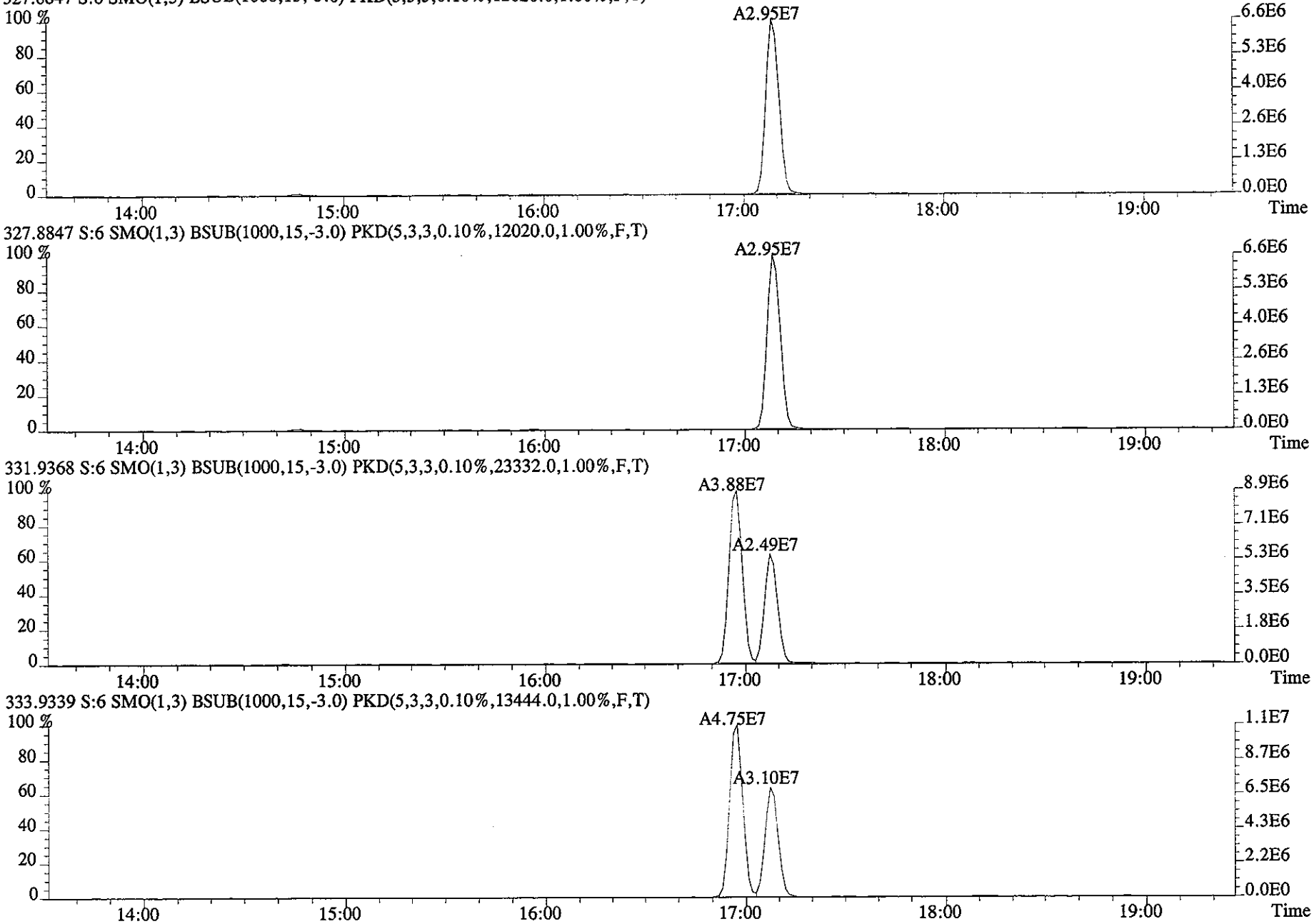
331.9368 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,23332.0,1.00%,F,T)



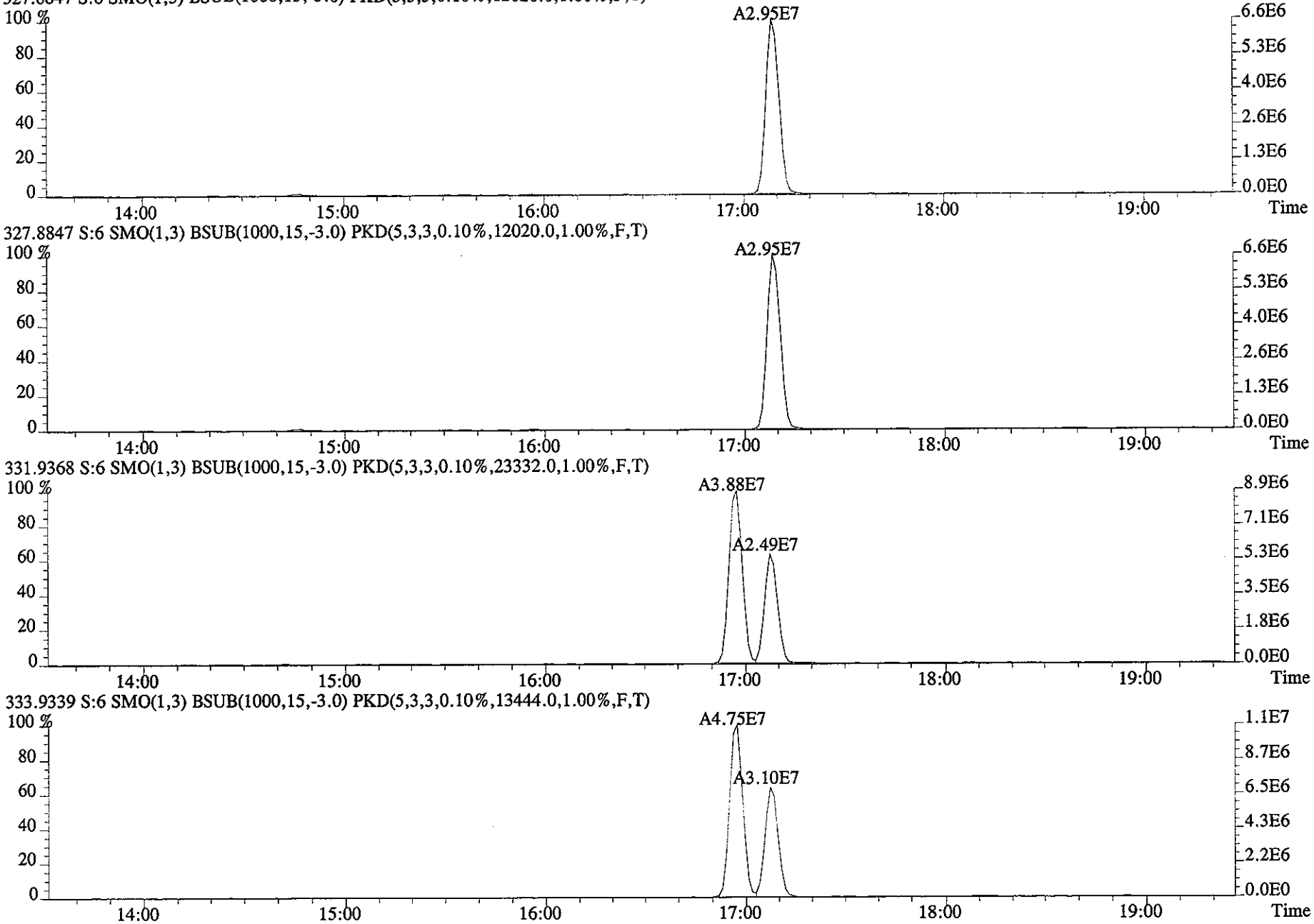
333.9339 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13444.0,1.00%,F,T)

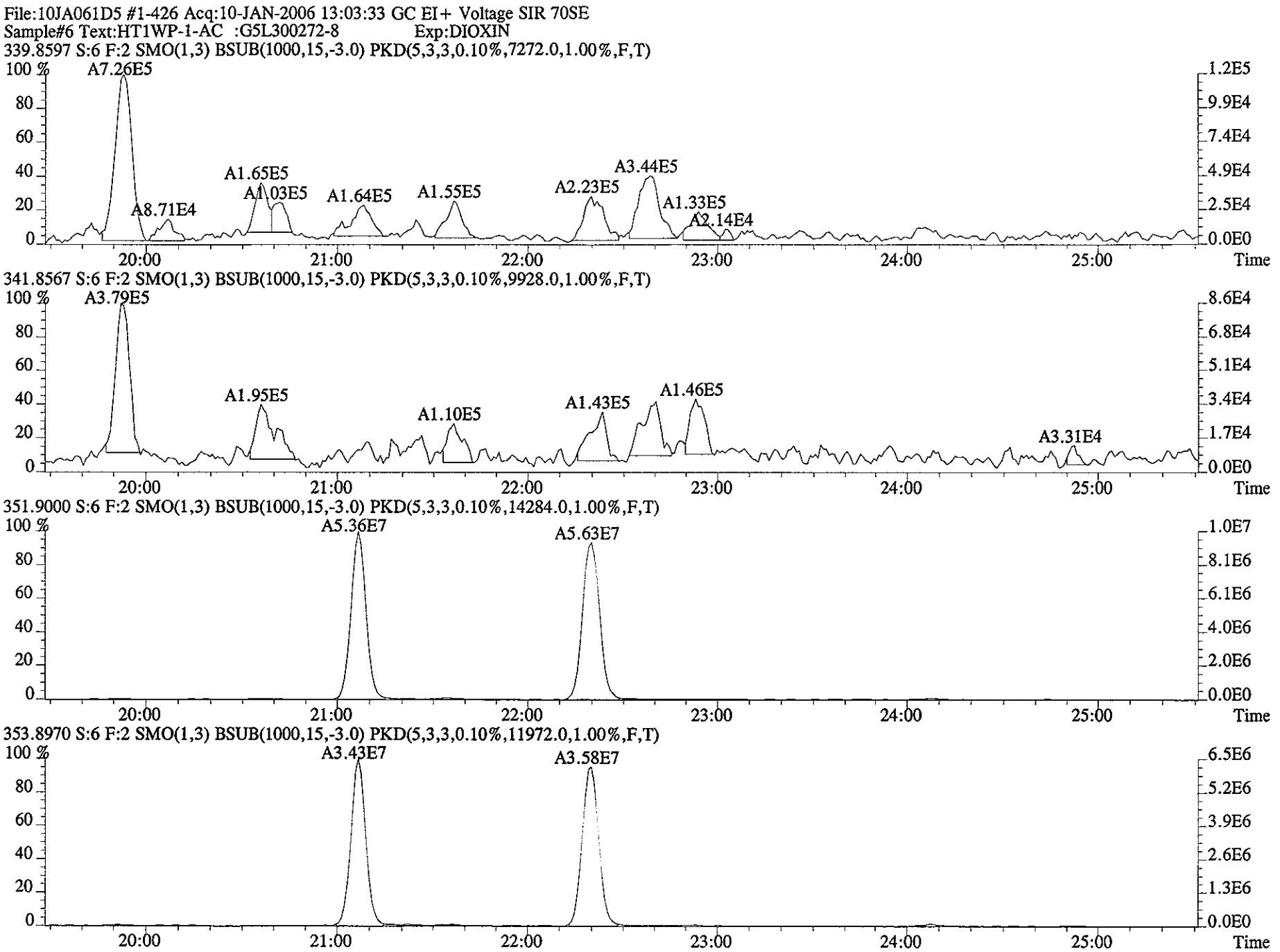


File:10JA061D5 #1-322 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN

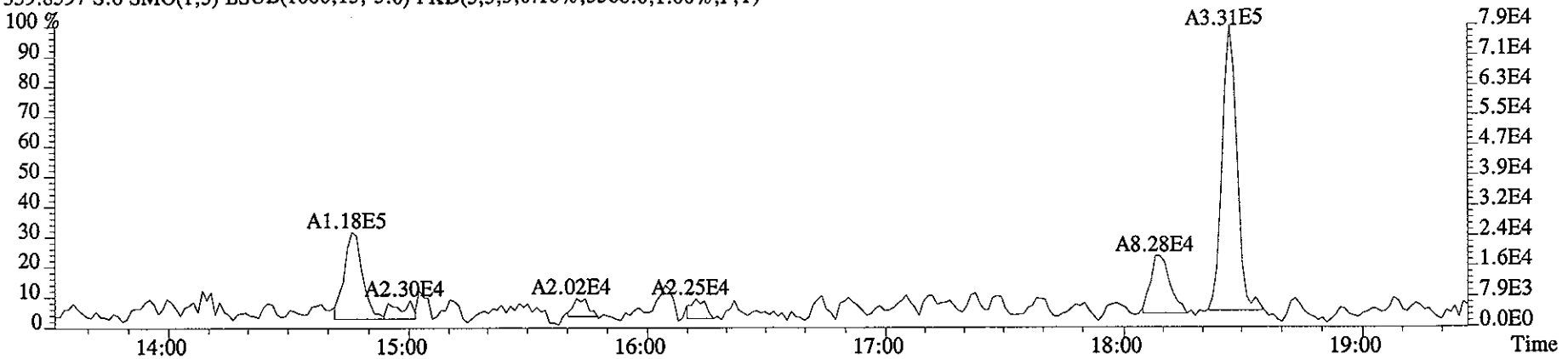


File:10JA061D5 #1-322 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN

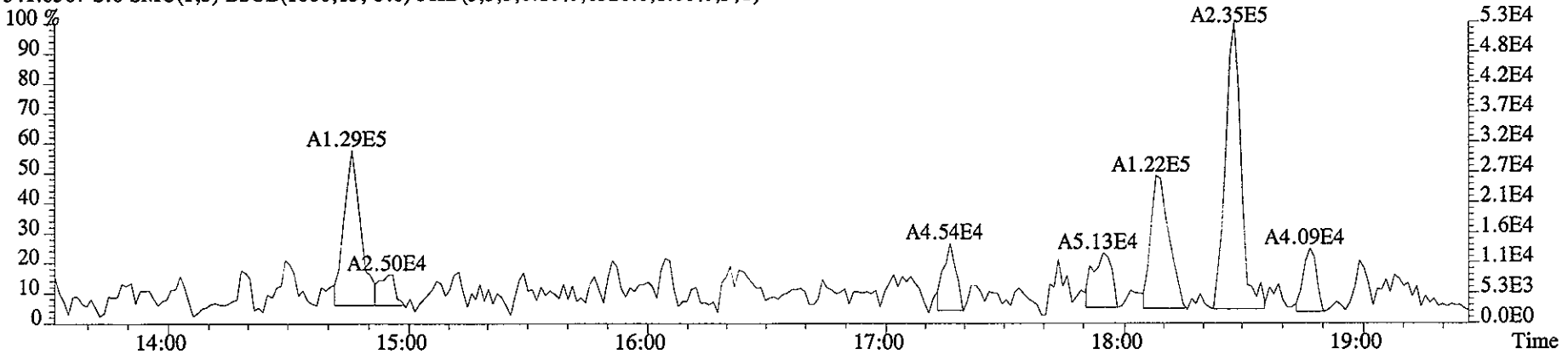



File:10JA061D5 #1-426 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN
339.8597 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7272.0,1.00%,F,T)
A7.26E5
A8.71E4
A1.65E5
A1.03E5
A1.64E5
A1.55E5
A2.23E5
A3.44E5
A1.33E5
A2.14E4
341.8567 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9928.0,1.00%,F,T)
A3.79E5
A1.95E5
A1.10E5
A1.43E5
A1.46E5
A3.31E4
351.9000 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14284.0,1.00%,F,T)
A5.36E7
A5.63E7
353.8970 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11972.0,1.00%,F,T)
A3.43E7
A3.58E7
100 %
80
60
40
20
0
20:00
21:00
22:00
23:00
24:00
25:00
Time
1.2E5
9.9E4
7.4E4
4.9E4
2.5E4
0.0E0
8.6E4
6.8E4
5.1E4
3.4E4
1.7E4
1.0E7
8.1E6
6.1E6
4.0E6
2.0E6
6.5E6
5.2E6
3.9E6
2.6E6
1.3E6

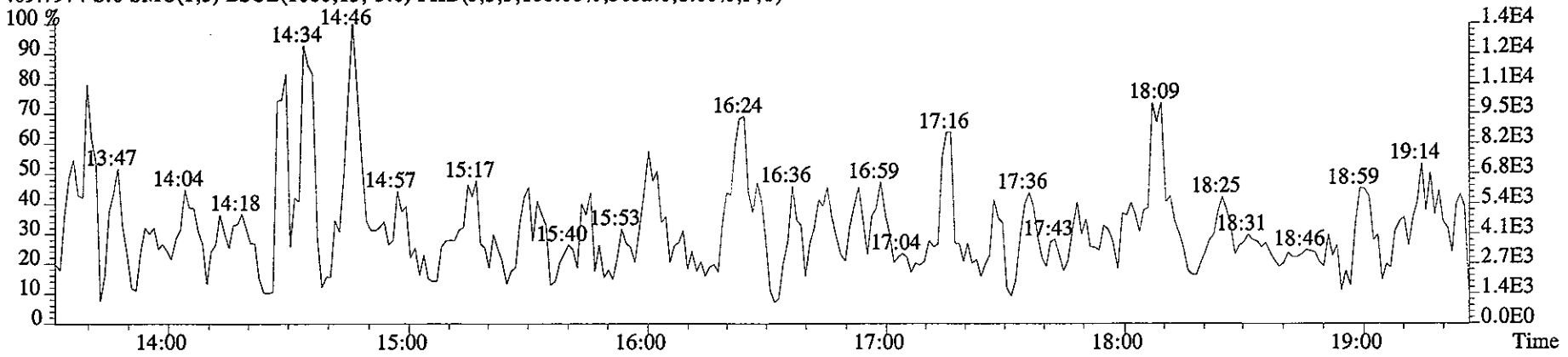
File:10JA061D5 #1-322 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN
339.8597 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5568.0,1.00%,F,T)



341.8567 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6320.0,1.00%,F,T)

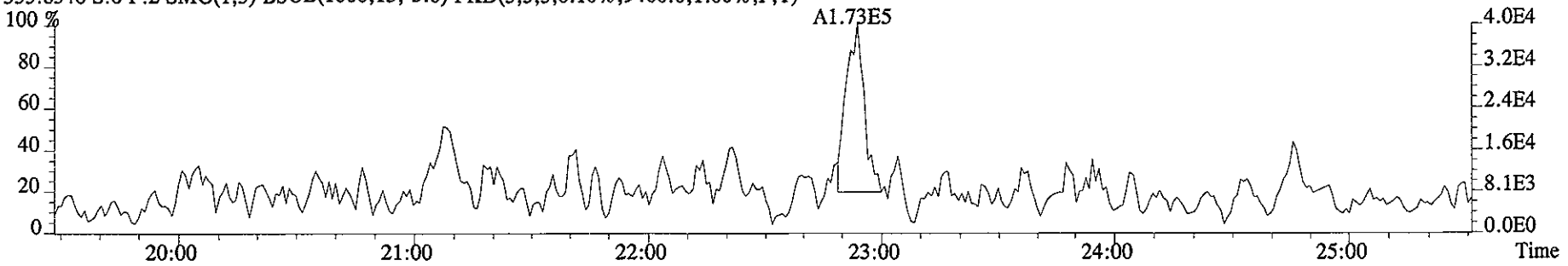


409.7974 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5032.0,1.00%,F,T)

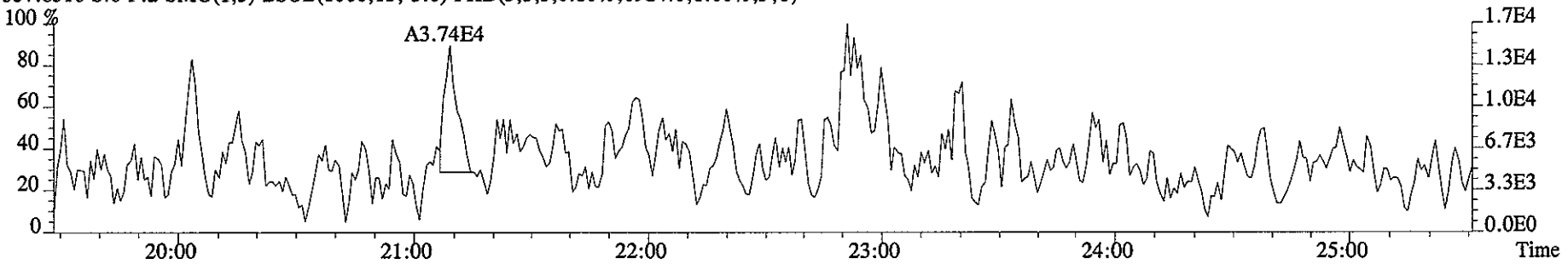


File:10JA061D5 #1-426 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN

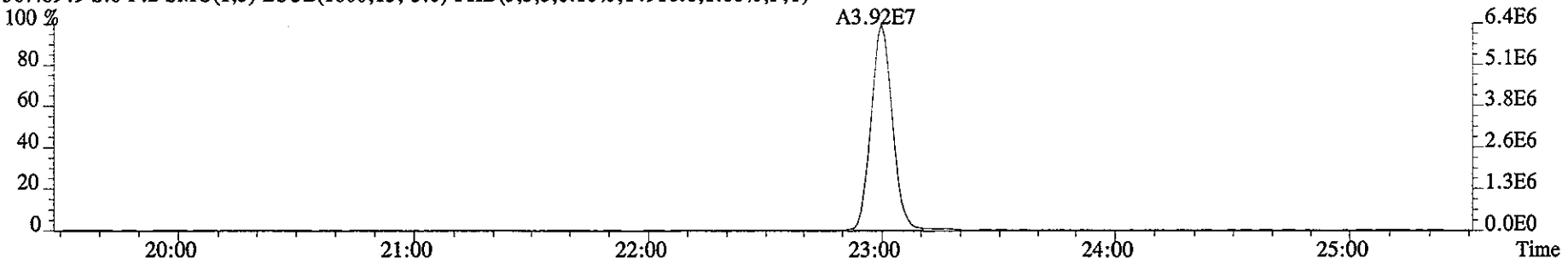
355.8546 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9460.0,1.00%,F,T)



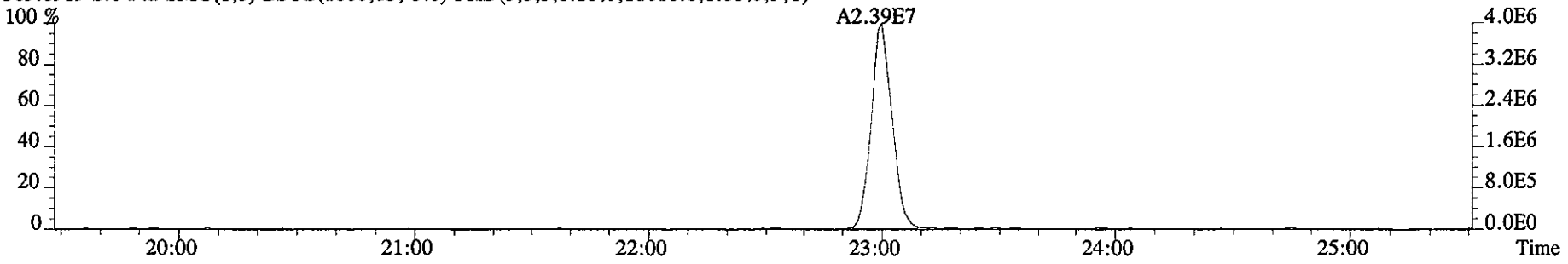
357.8516 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6924.0,1.00%,F,T)



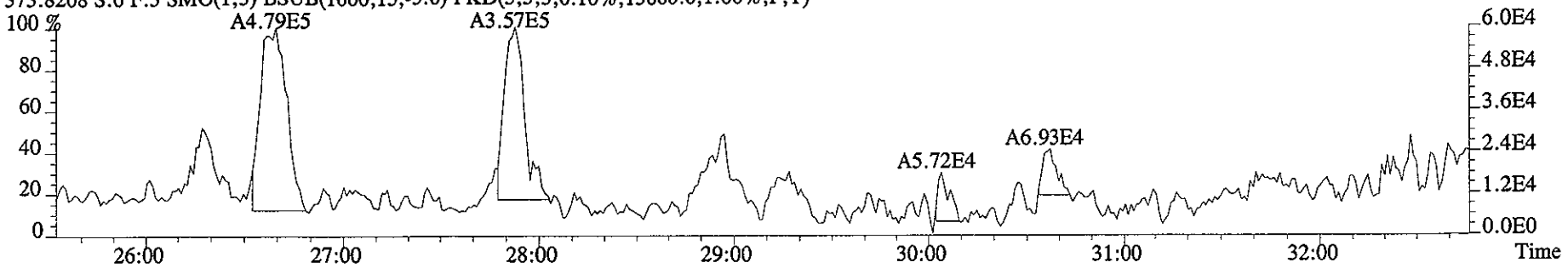
367.8949 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14916.0,1.00%,F,T)



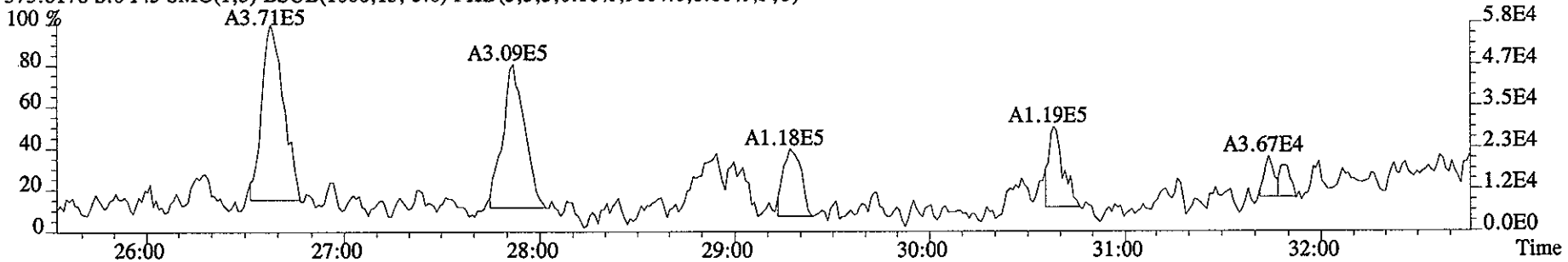
369.8919 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11616.0,1.00%,F,T)



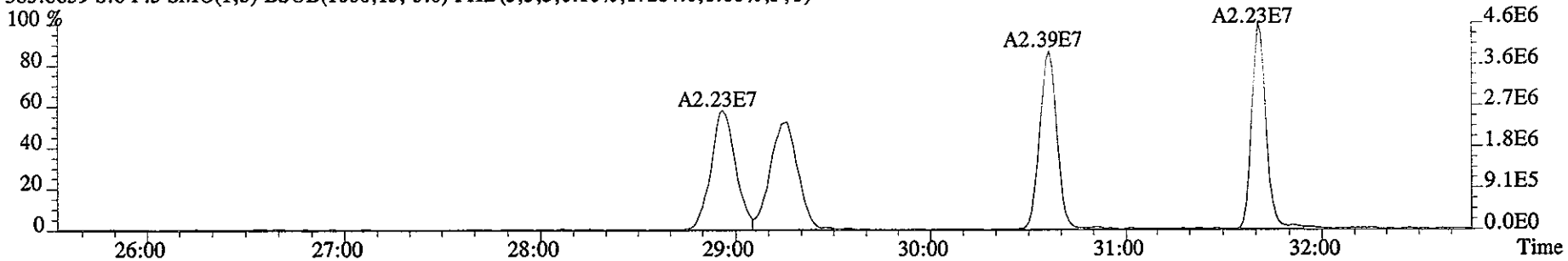
File:10JA061D5 #1-486 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN
373.8208 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13660.0,1.00%,F,T)



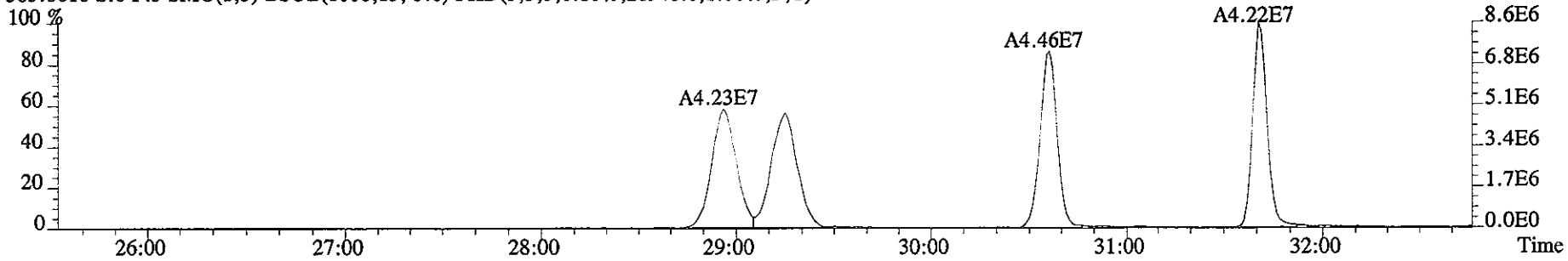
375.8178 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9604.0,1.00%,F,T)



383.8639 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17284.0,1.00%,F,T)

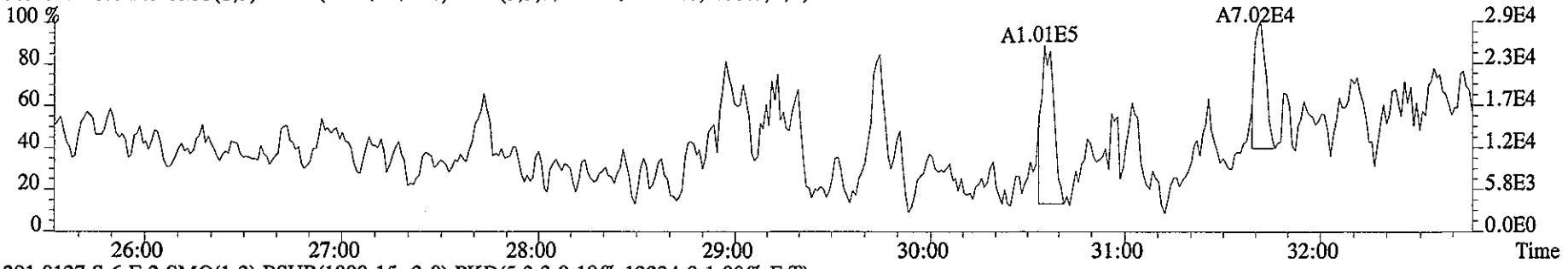


385.8610 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21948.0,1.00%,F,T)

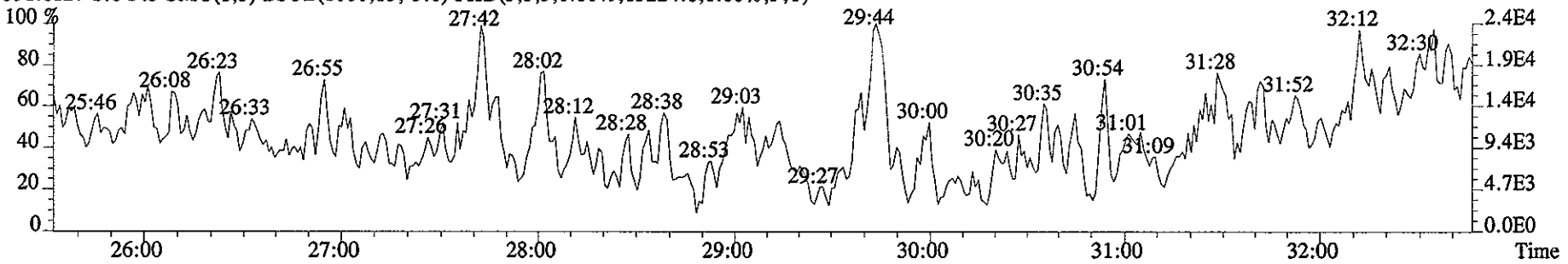


File:10JA061D5 #1-486 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN

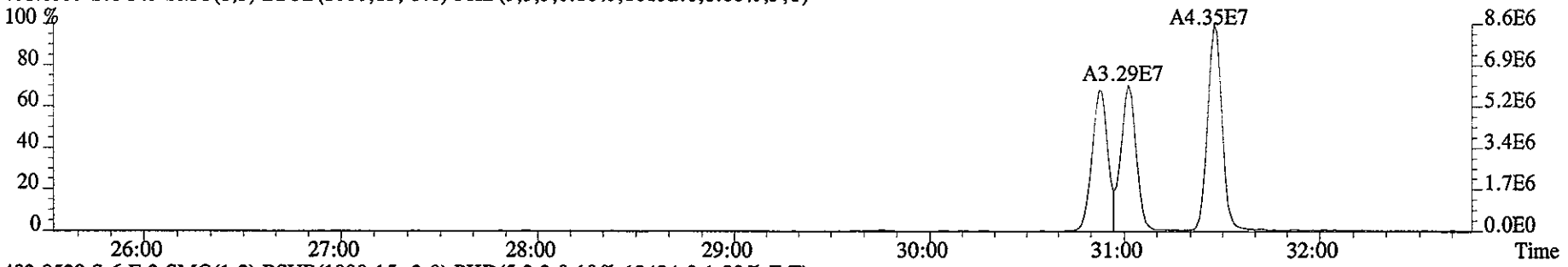
389.8157 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14316.0,1.00%,F,T)



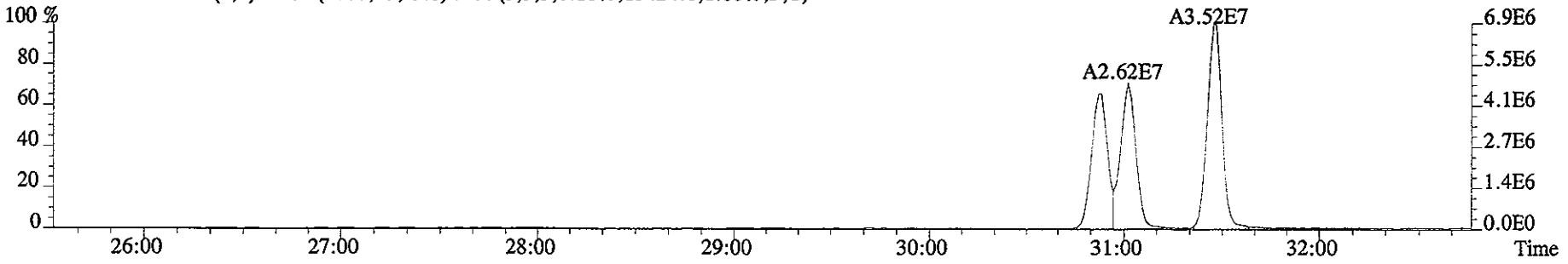
391.8127 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13224.0,1.00%,F,T)



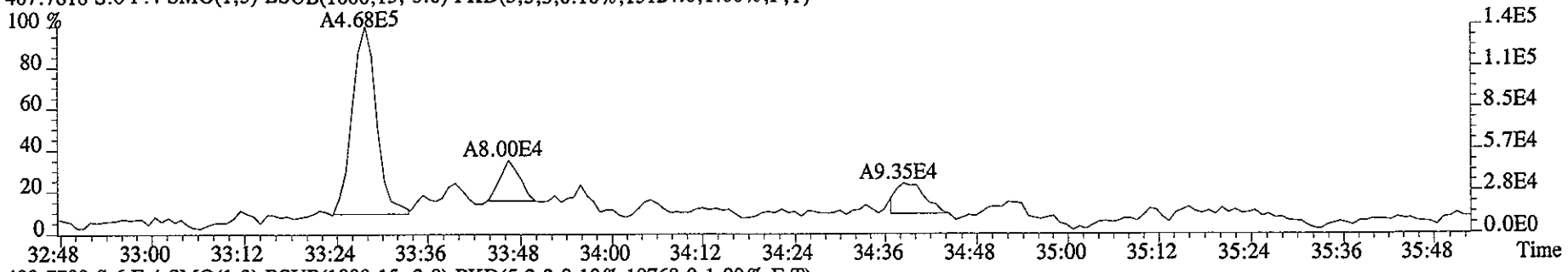
401.8559 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10132.0,1.00%,F,T)



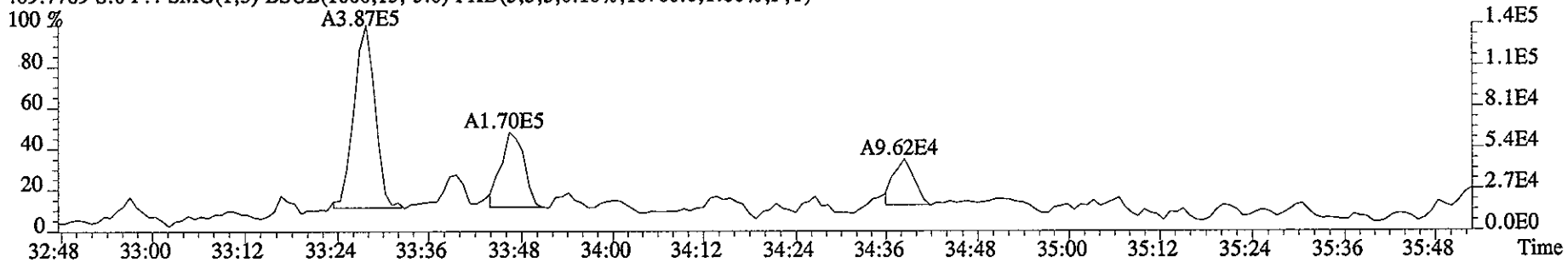
403.8529 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13424.0,1.00%,F,T)



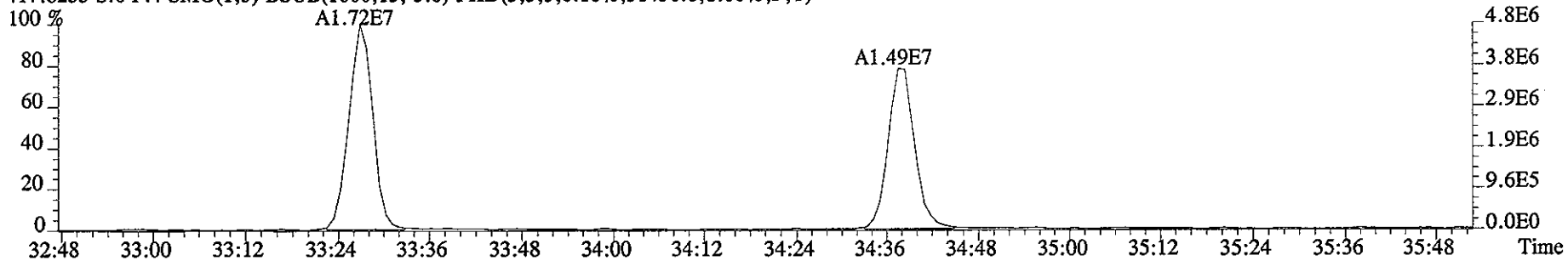
File:10JA061D5 #1-218 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN
407.7818 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15124.0,1.00%,F,T)



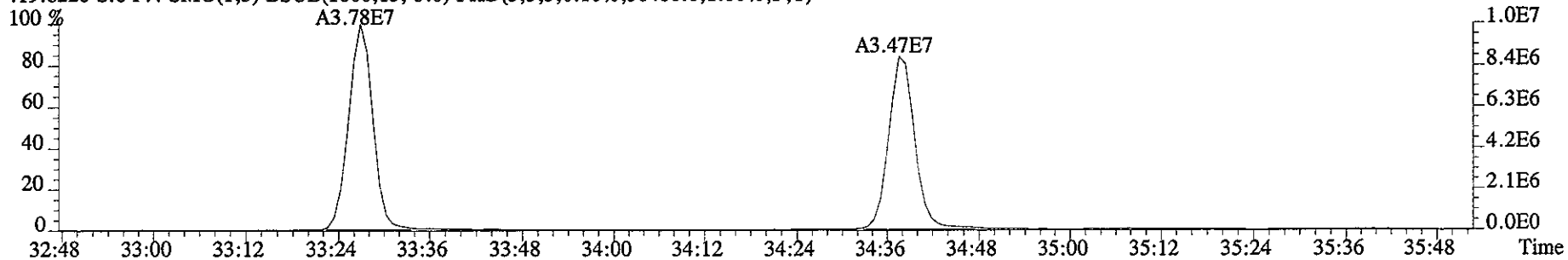
409.7789 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18768.0,1.00%,F,T)



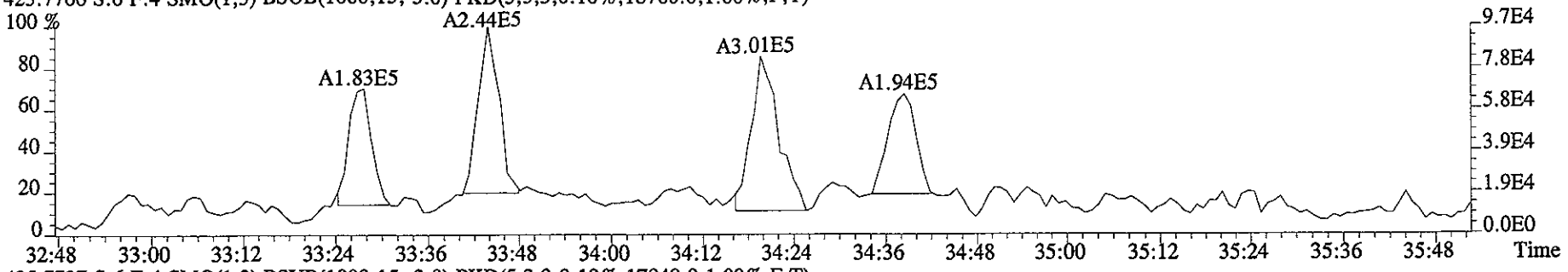
417.8253 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,31456.0,1.00%,F,T)



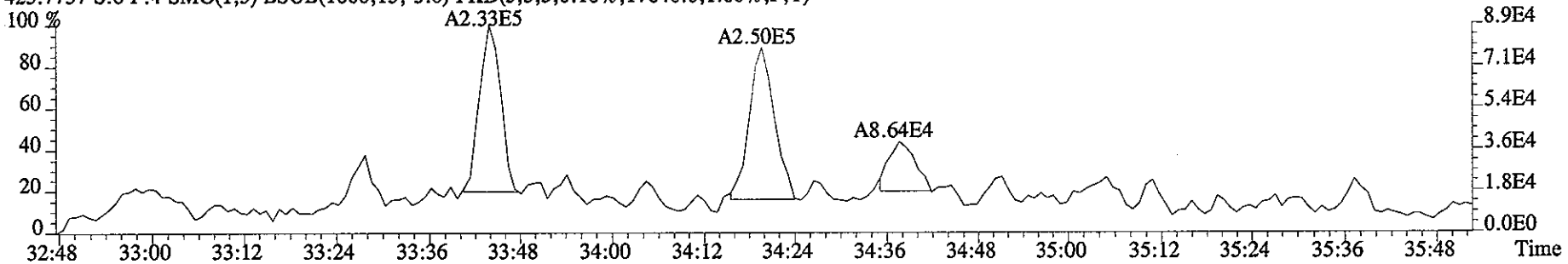
419.8220 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,30480.0,1.00%,F,T)



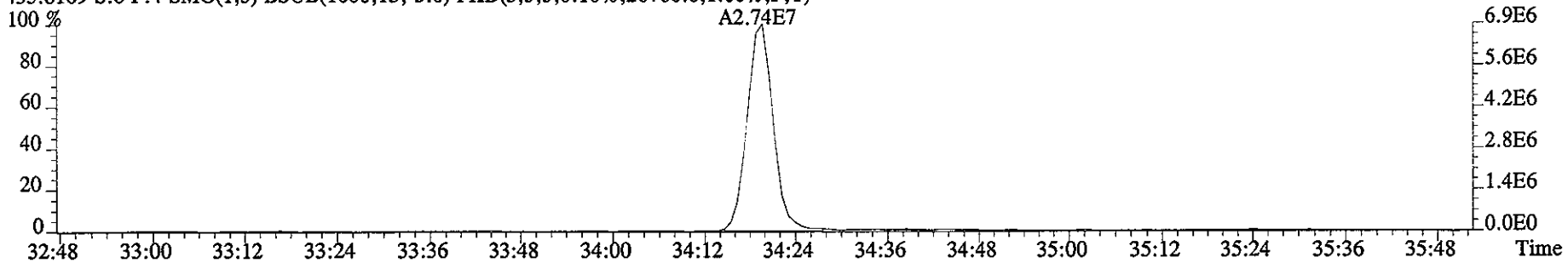
File:10JA061D5 #1-218 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN
423.7766 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18760.0,1.00%,F,T)



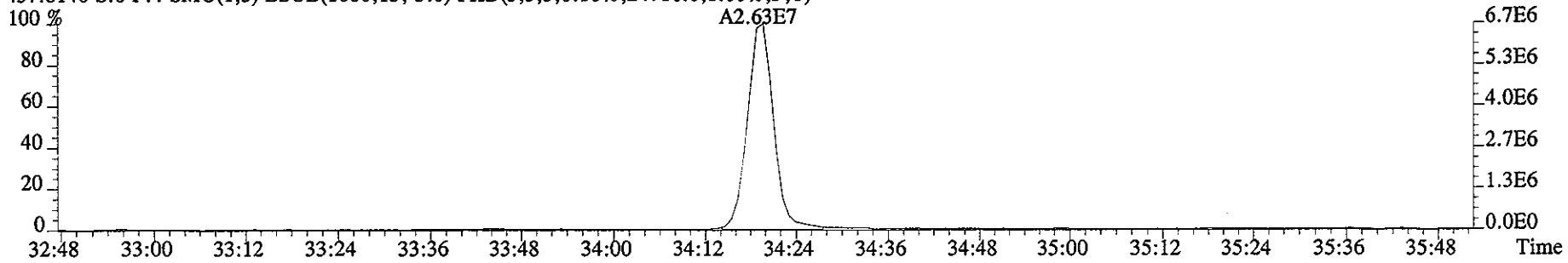
425.7737 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17848.0,1.00%,F,T)



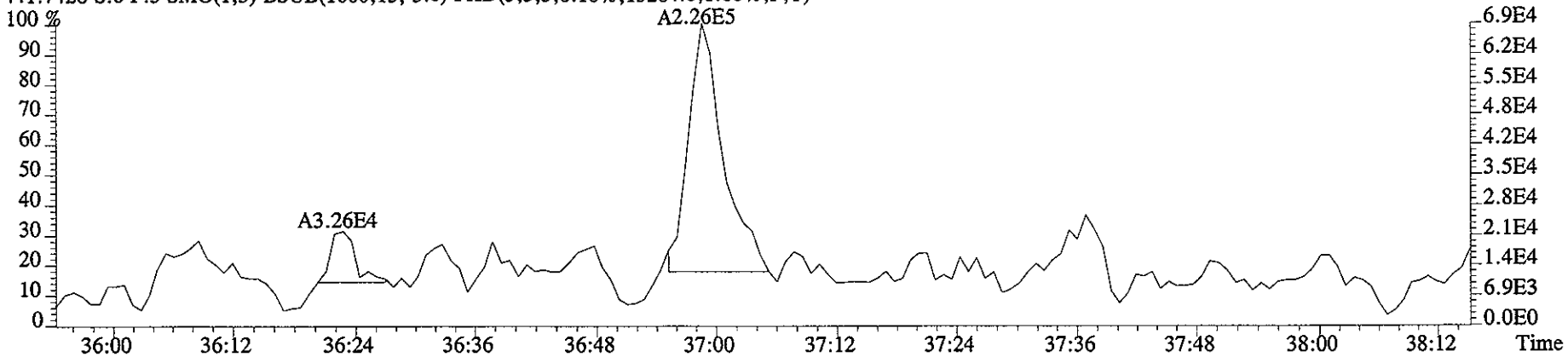
435.8169 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20780.0,1.00%,F,T)



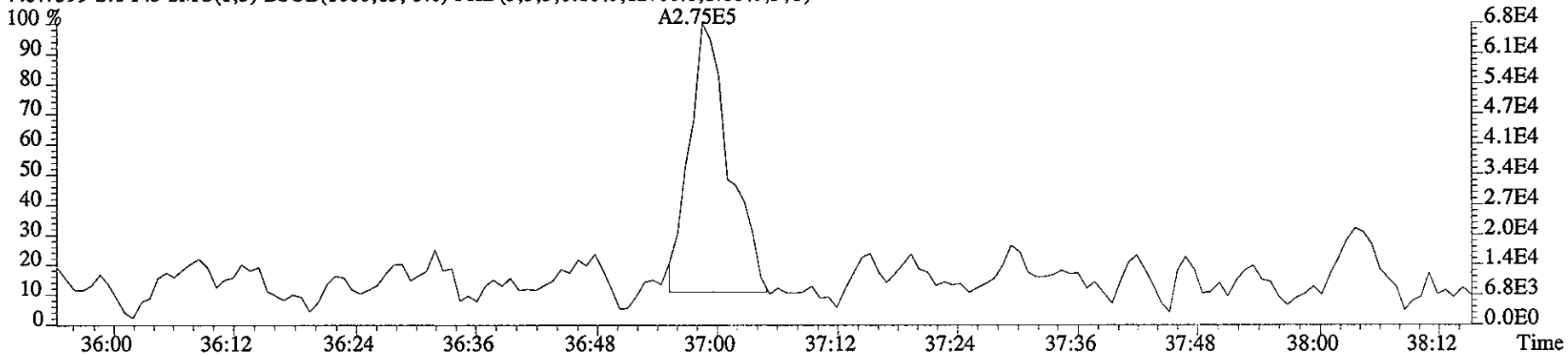
437.8140 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,24716.0,1.00%,F,T)



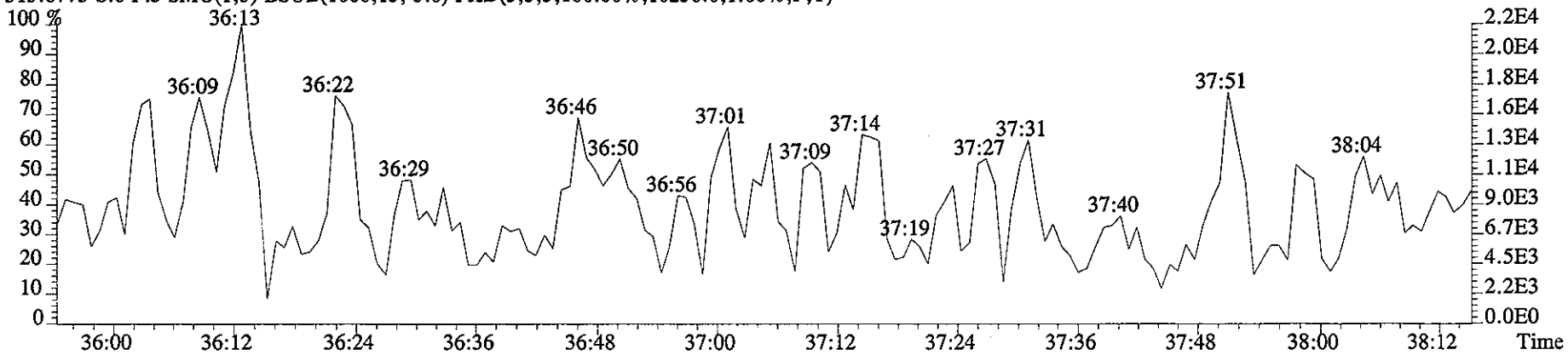
File:10JA061D5 #1-170 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN
441.7428 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15284.0,1.00%,F,T)



443.7399 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12700.0,1.00%,F,T)

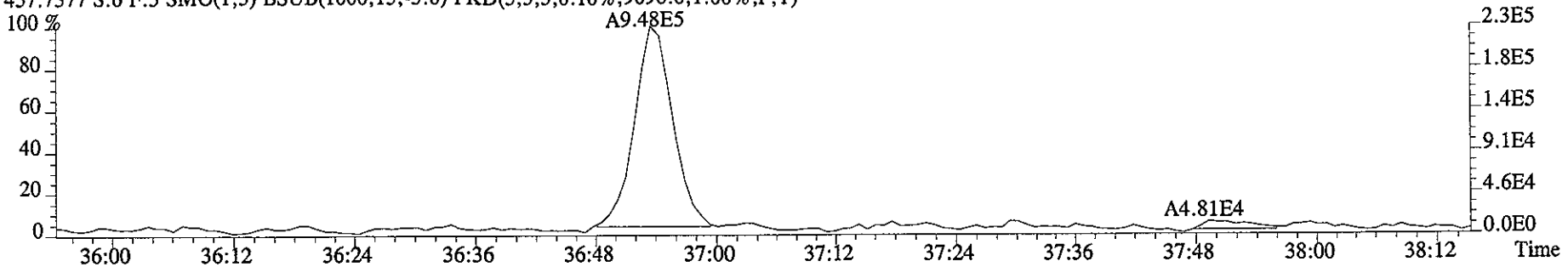


513.6775 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,10236.0,1.00%,F,T)

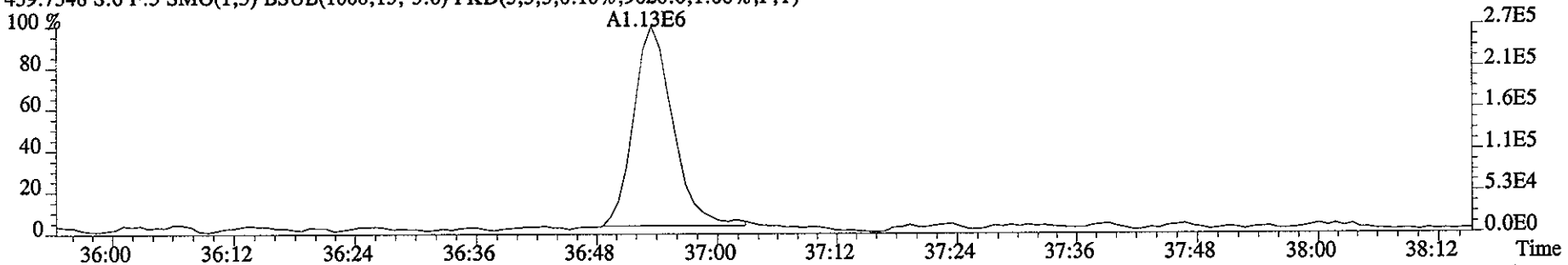


File:10JA061D5 #1-170 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN

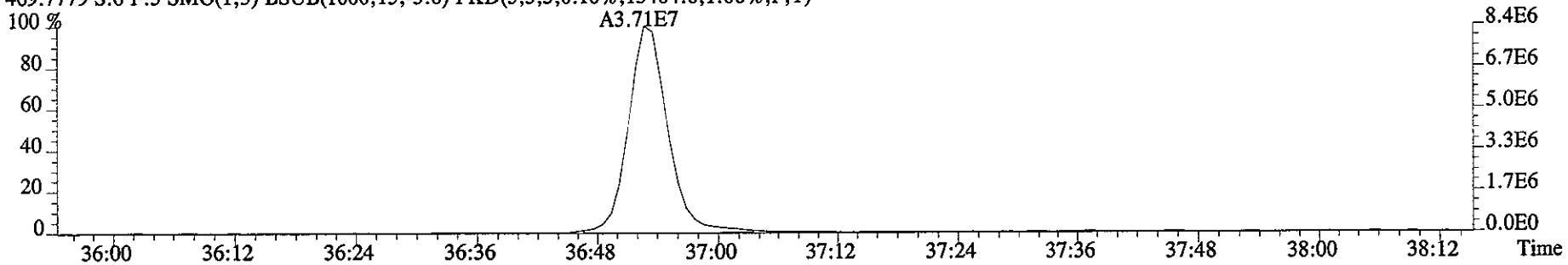
457.7377 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9696.0,1.00%,F,T)



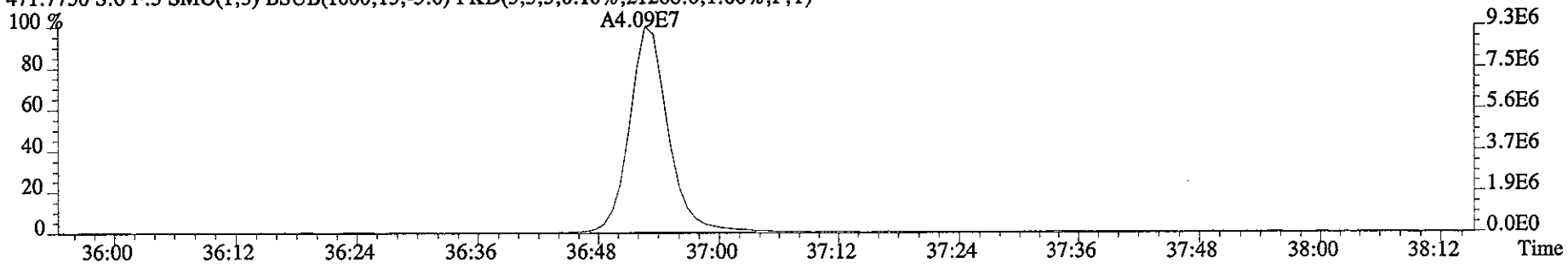
459.7348 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9620.0,1.00%,F,T)



469.7779 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13404.0,1.00%,F,T)

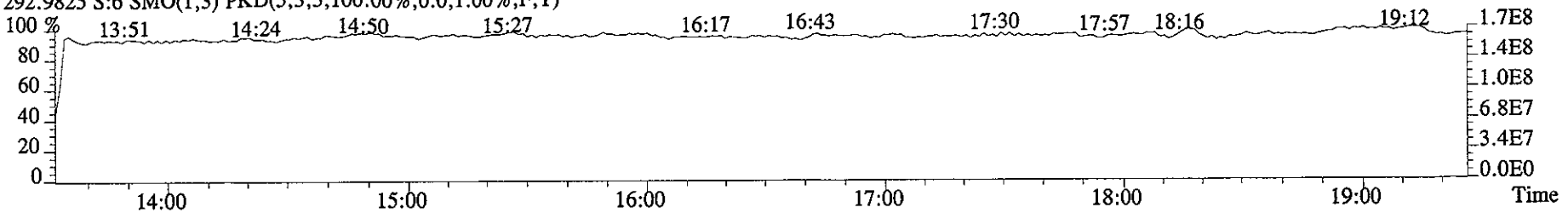


471.7750 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21268.0,1.00%,F,T)

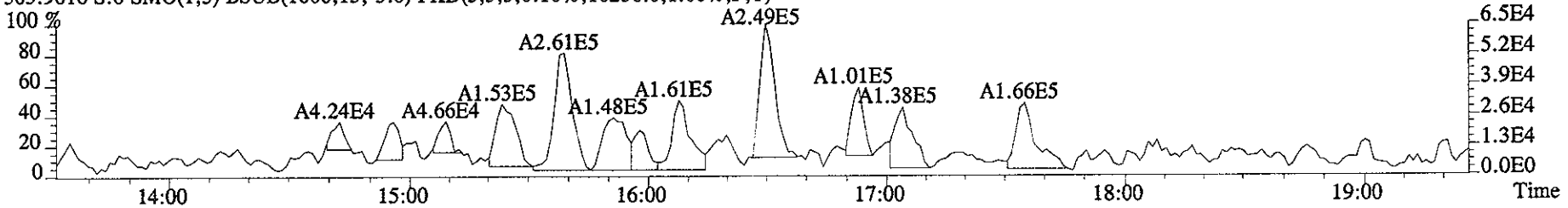


File:10JA061D5 #1-322 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN

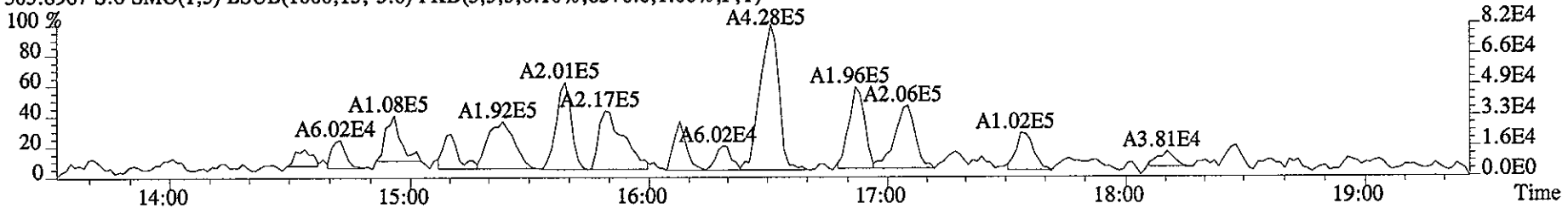
292.9825 S:6 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



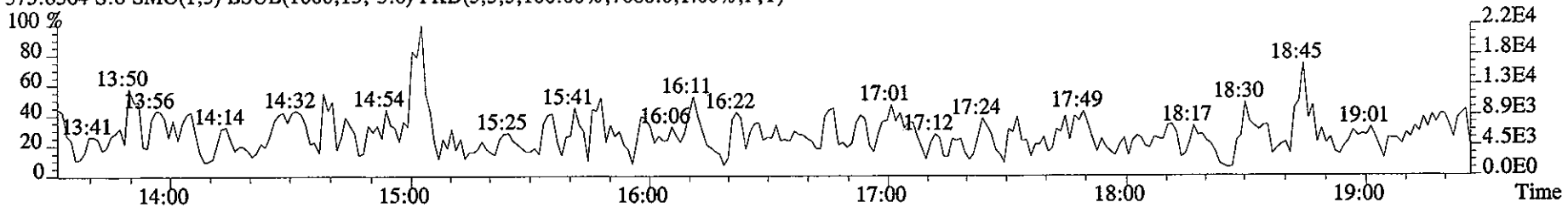
303.9016 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10256.0,1.00%,F,T)



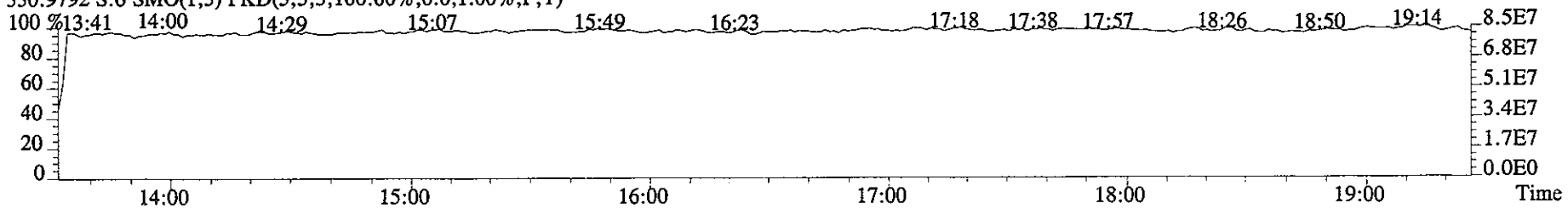
305.8987 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8376.0,1.00%,F,T)



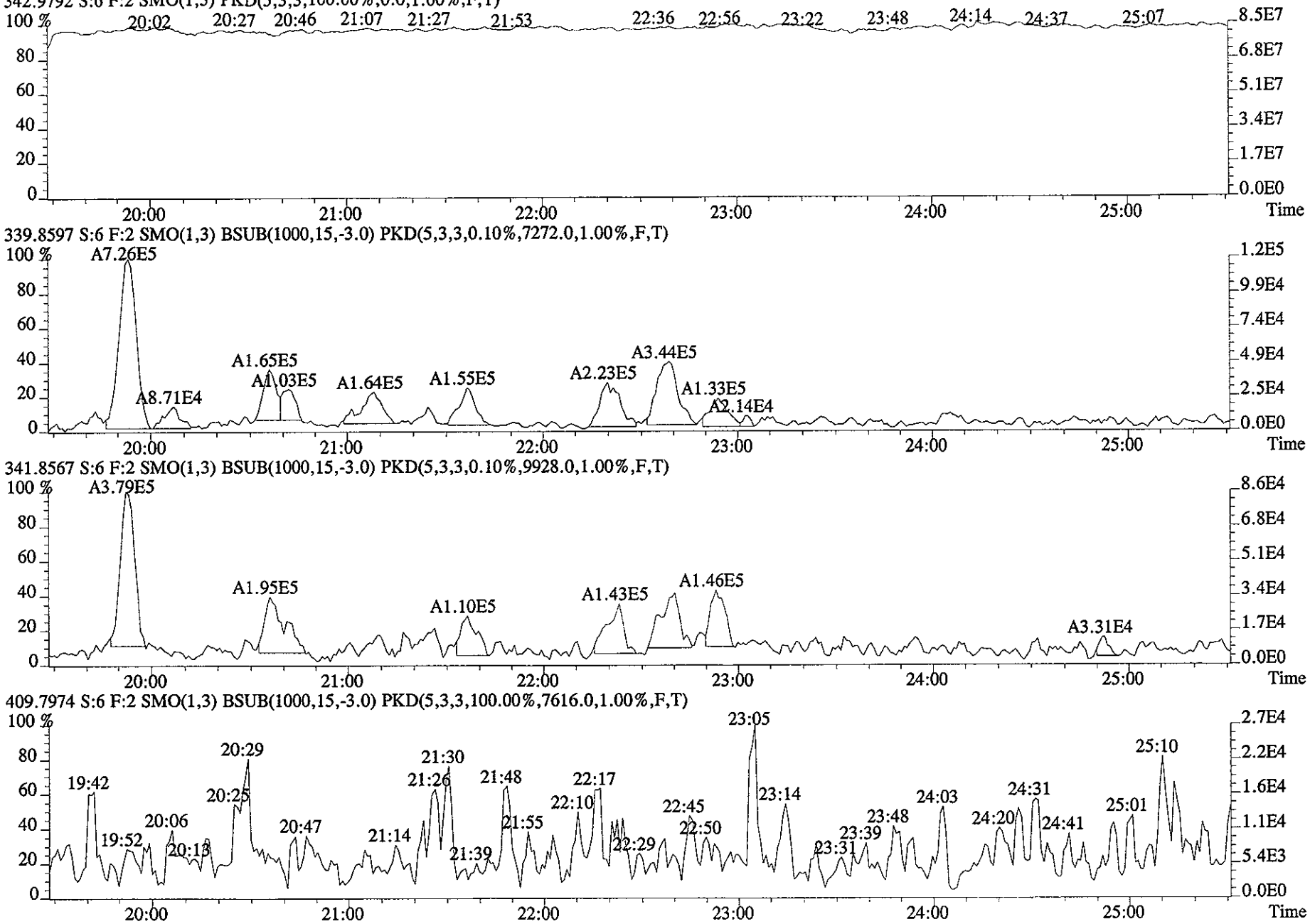
375.8364 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7088.0,1.00%,F,T)



330.9792 S:6 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

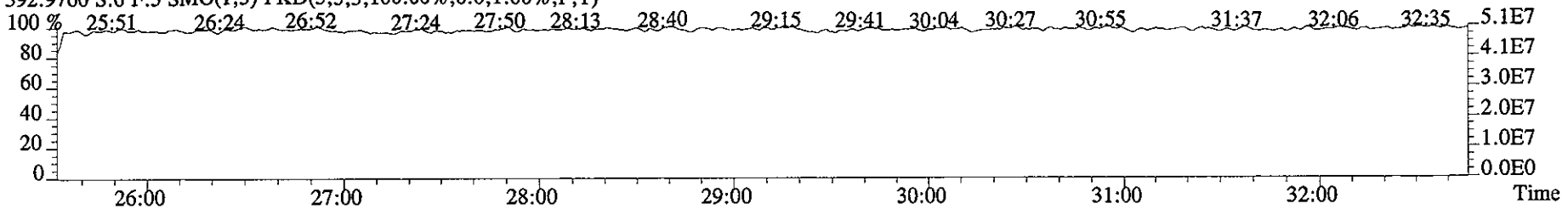


File:10JA061D5 #1-426 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN

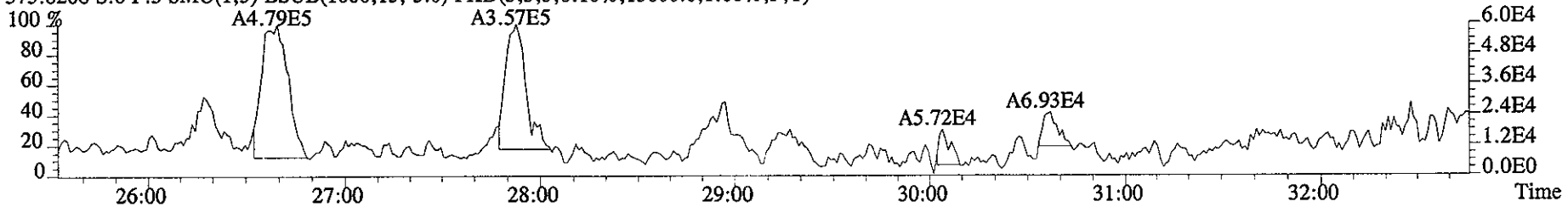


File:10JA061D5 #1-486 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN

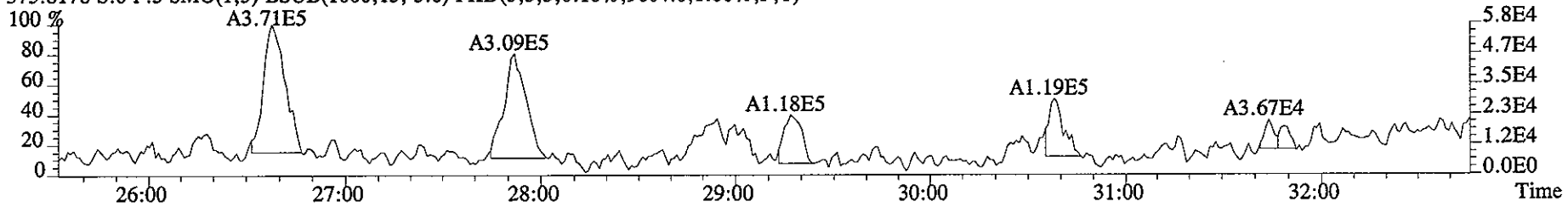
392.9760 S:6 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



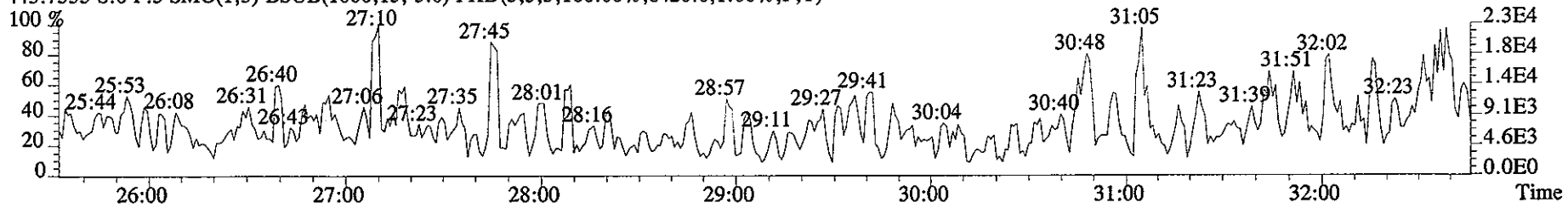
373.8208 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13660.0,1.00%,F,T)



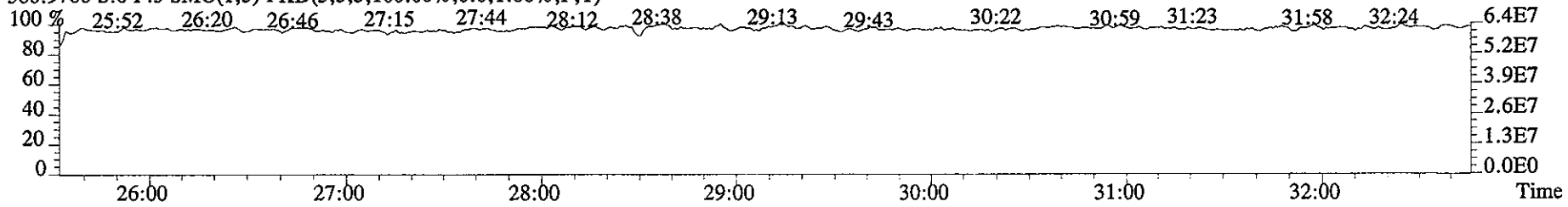
375.8178 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9604.0,1.00%,F,T)



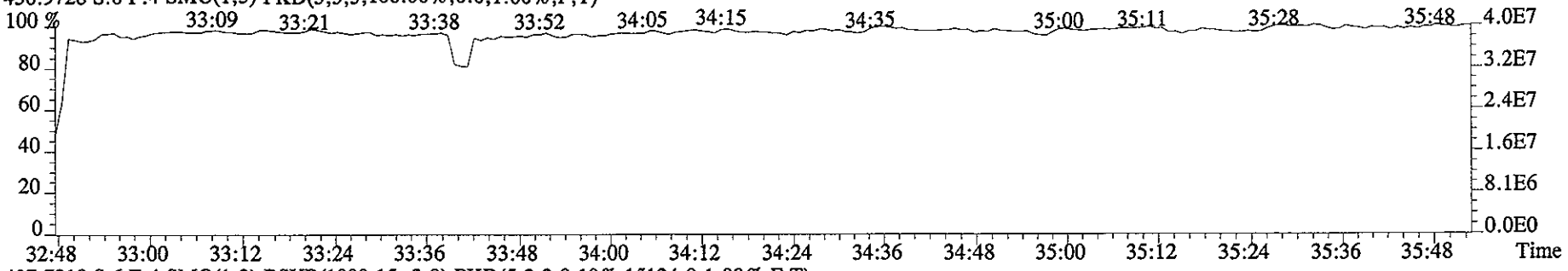
445.7555 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,8420.0,1.00%,F,T)

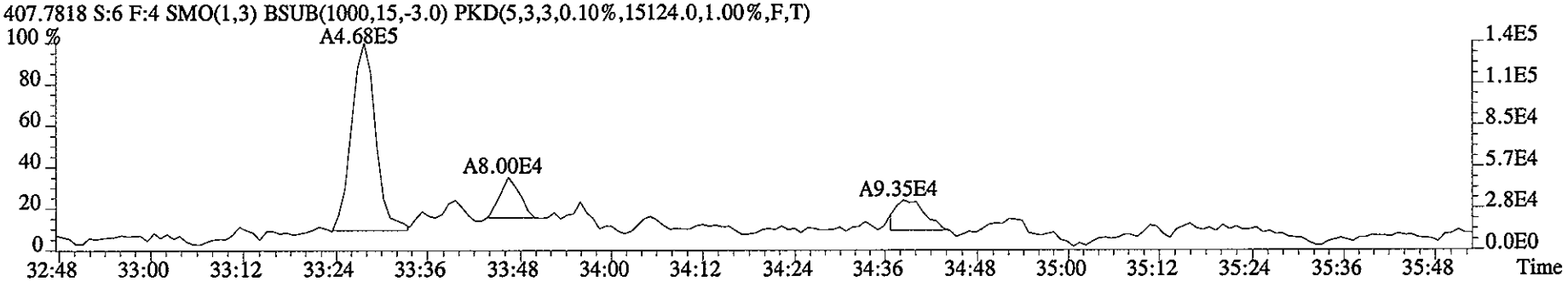


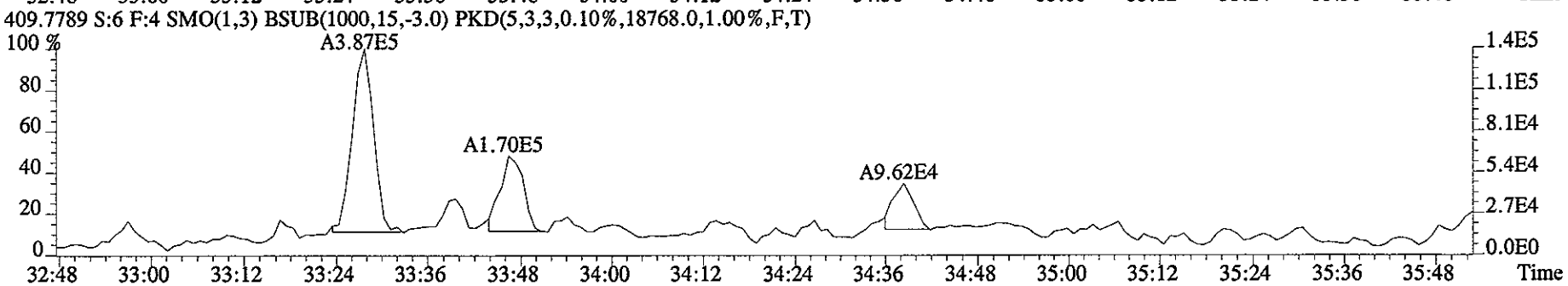
380.9760 S:6 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

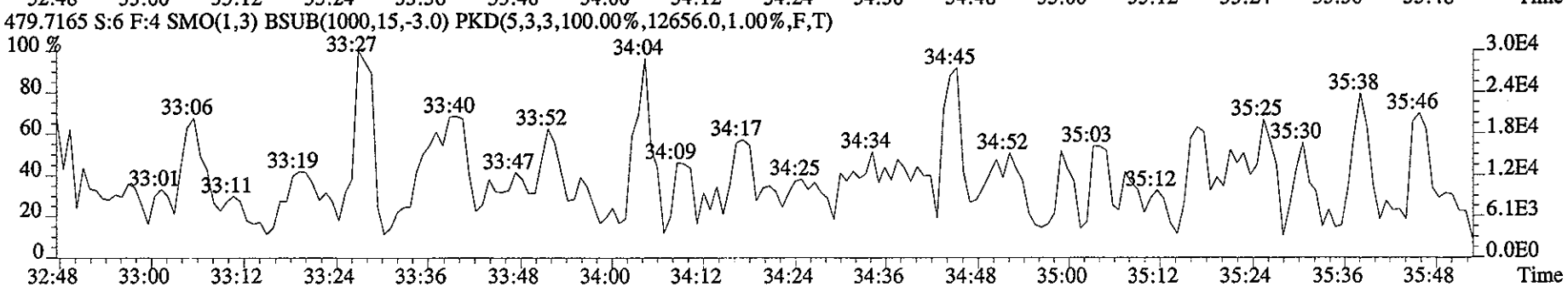


File:10JA061D5 #1-218 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN

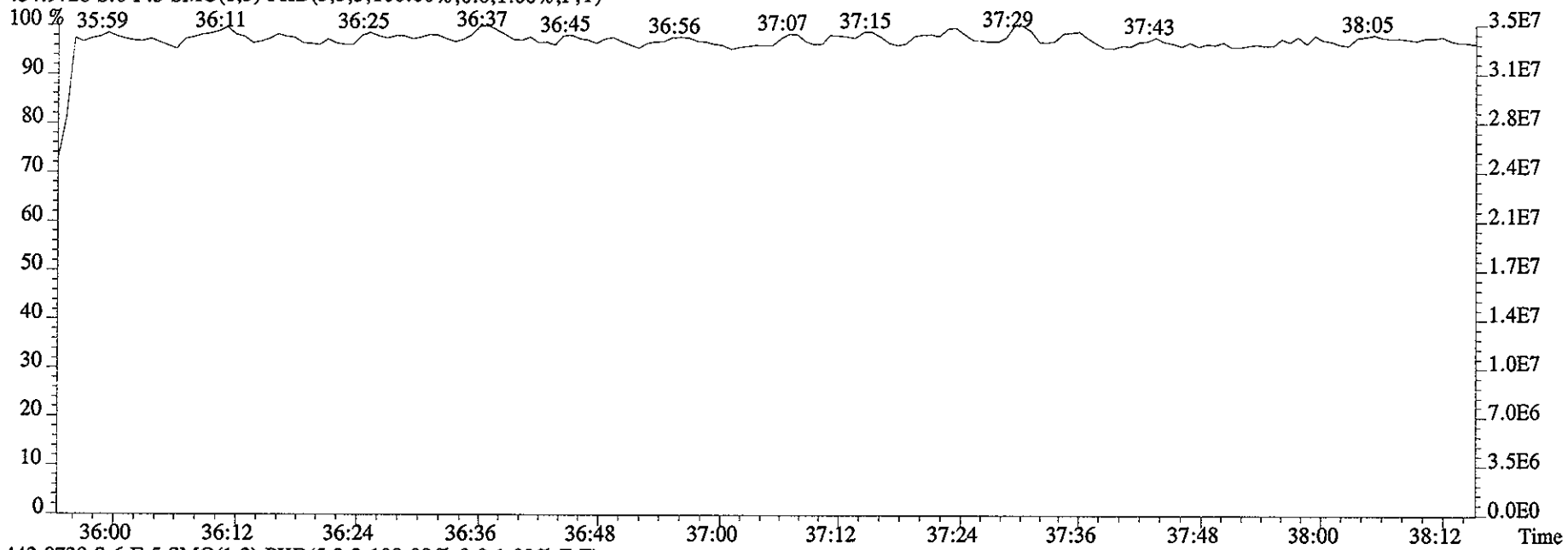




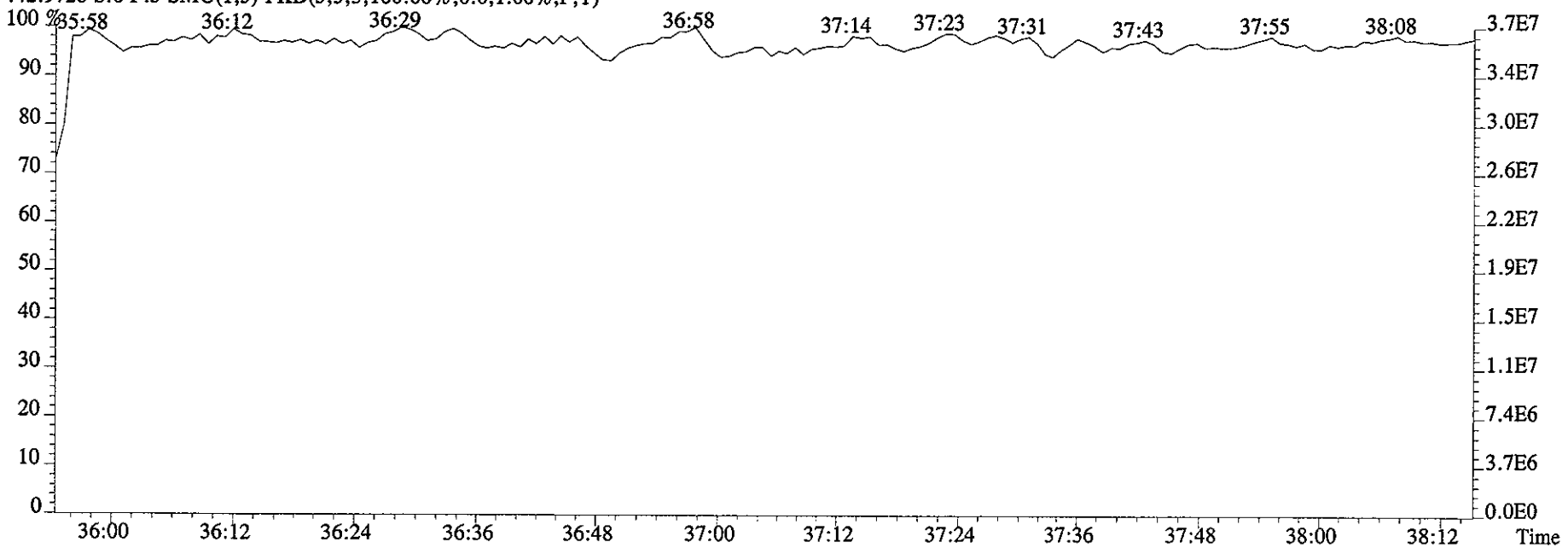




File:10JA061D5 #1-170 Acq:10-JAN-2006 13:03:33 GC EI+ Voltage SIR 70SE
Sample#6 Text:HT1WP-1-AC :G5L300272-8 Exp:DIOXIN
454.9728 S:6 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

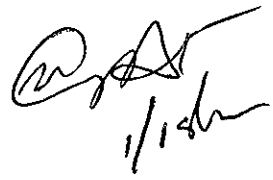


442.9728 S:6 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



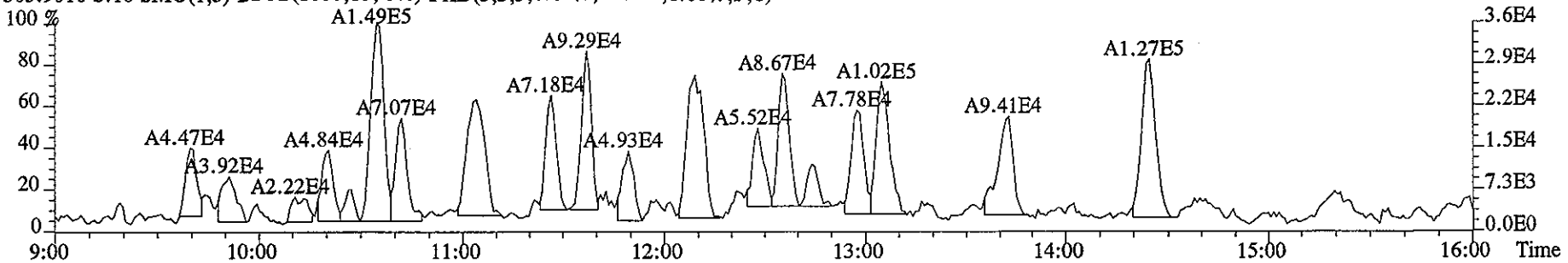
Run text: HT1WP-1-AC Sample text: HT1WP-1-AC :G5L300272-8
Run #13 Filename: 10JA067D2 S: 10 I: 1 Results: 10JA067D2DB225
Acquired: 10-JAN-06 15:12:58 Processed: 11-JAN-06 09:08:07
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	94714300	0.81	y	11:40	-	4.85		-	-	n
13C-2,3,7,8-TCDF	118603400	0.79	y	12:35	1.50	167.51		0.25	83.8	n
2,3,7,8-TCDF	203289	0.74	y	12:35	0.92	0.37	DL Cm	0.14	-	n
13C-2,3,7,8-TCDD	58782800	0.79	y	11:28	0.81	153.69		0.31	76.8	n
2,3,7,8-TCDD	26424	0.46	n	11:30	1.23	0.07		0.15	-	n
37Cl-2,3,7,8-TCDD	66308200	1.00	y	11:29	1.96	71.32		0.10	89.1	n

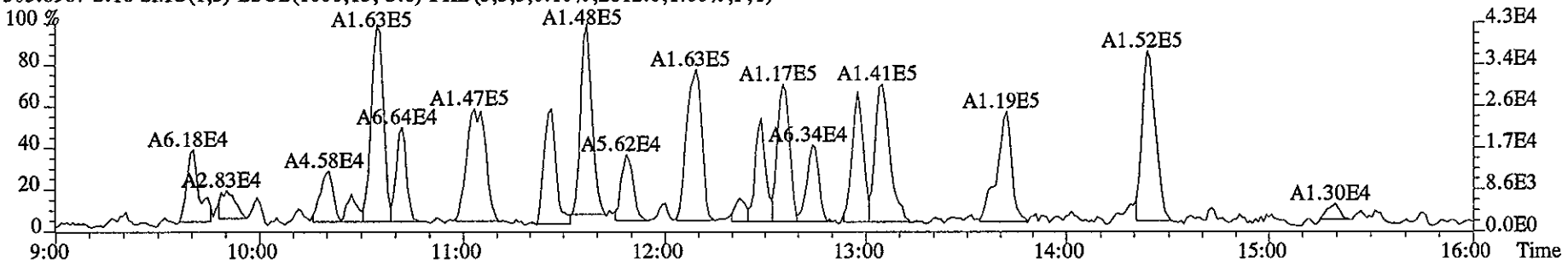


File:10JA067D2 #1-1169 Acq:10-JAN-2006 15:12:58 GC EI+ Voltage SIR 70S
Sample#10 Text:HT1WP-1-AC :G5L300272-8 Exp:DB225

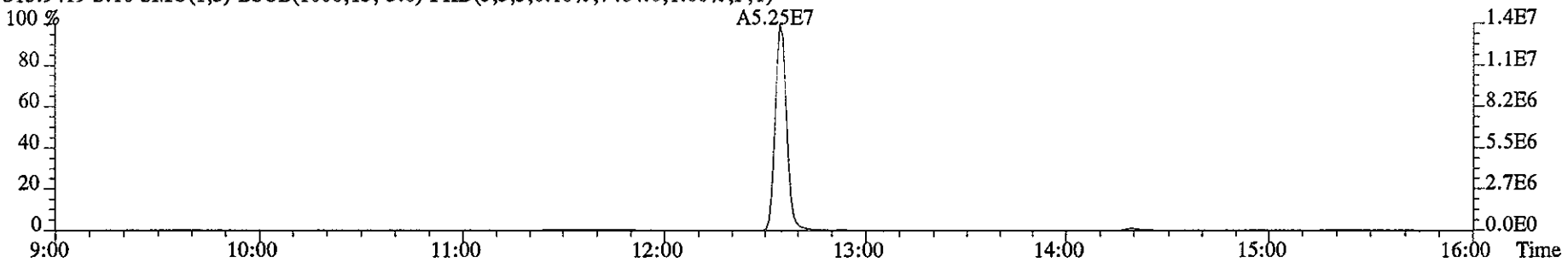
303.9016 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3616.0,1.00%,F,T)



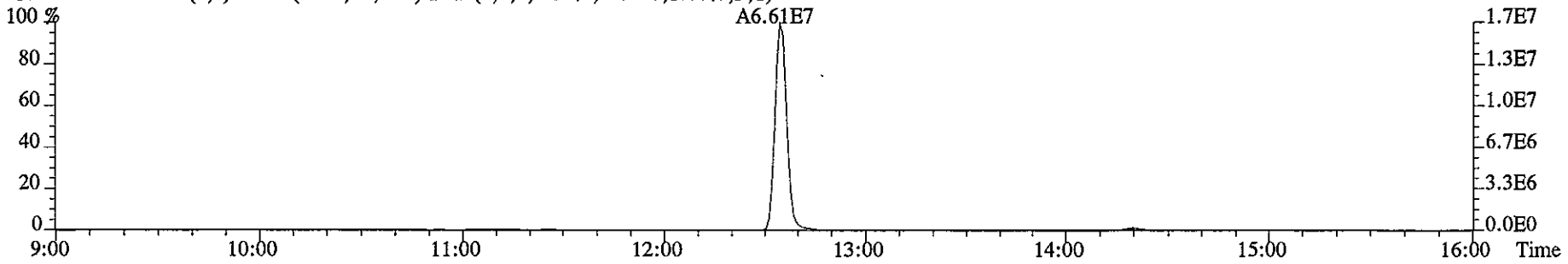
305.8987 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2812.0,1.00%,F,T)



315.9419 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7484.0,1.00%,F,T)

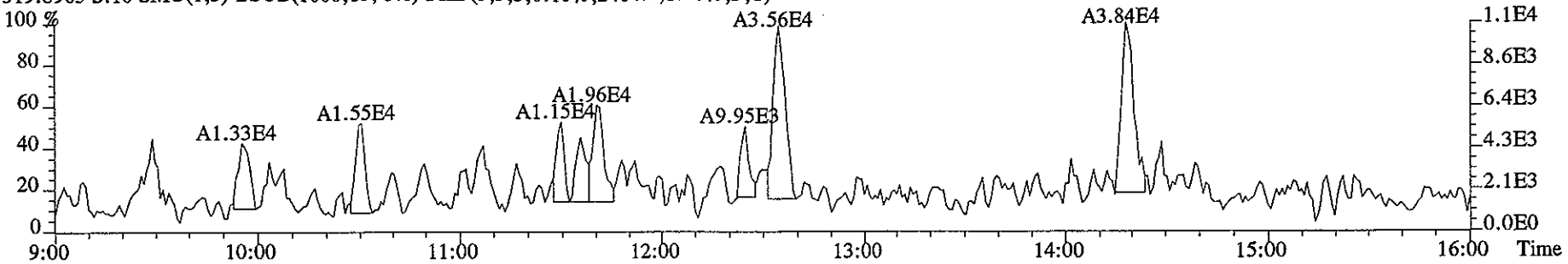


317.9389 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8496.0,1.00%,F,T)

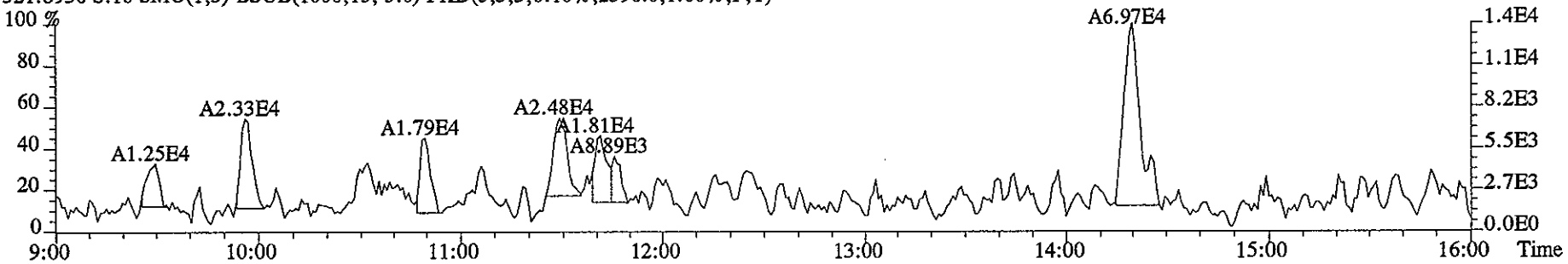


File:10JA067D2 #1-1169 Acq:10-JAN-2006 15:12:58 GC EI+ Voltage SIR 70S
Sample#10 Text:HT1WP-1-AC :G5L300272-8 Exp:DB225

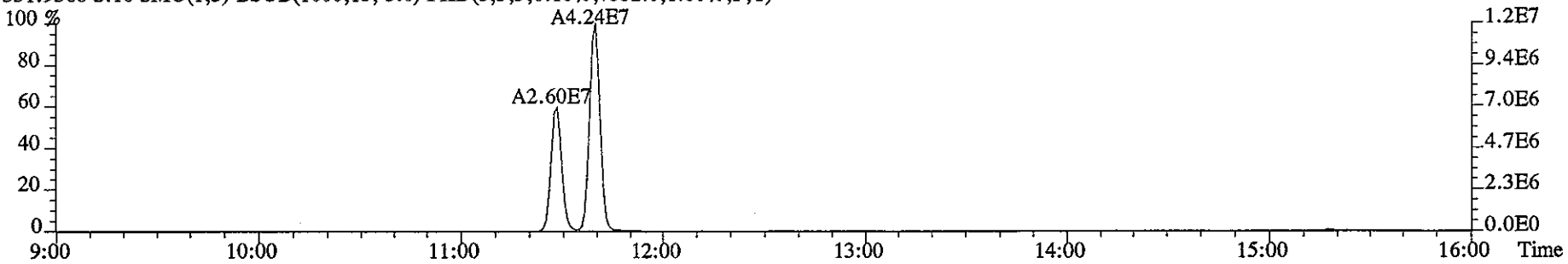
319.8965 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2404.0,1.00%,F,T)



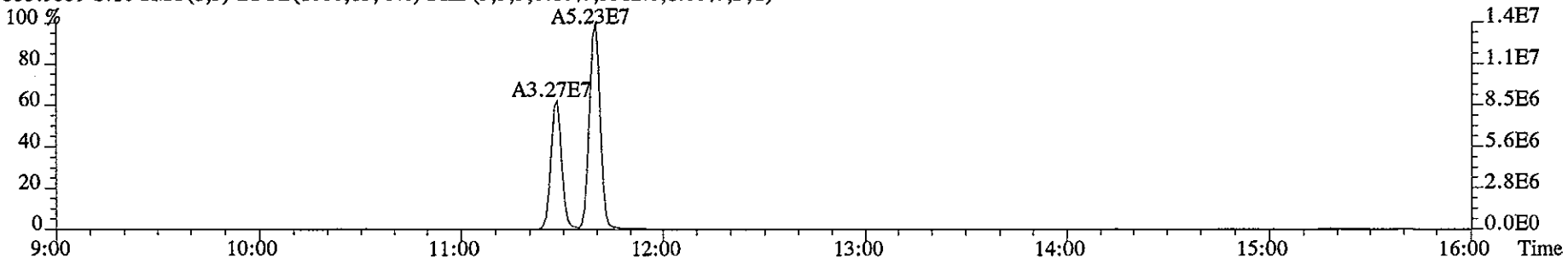
321.8936 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2396.0,1.00%,F,T)



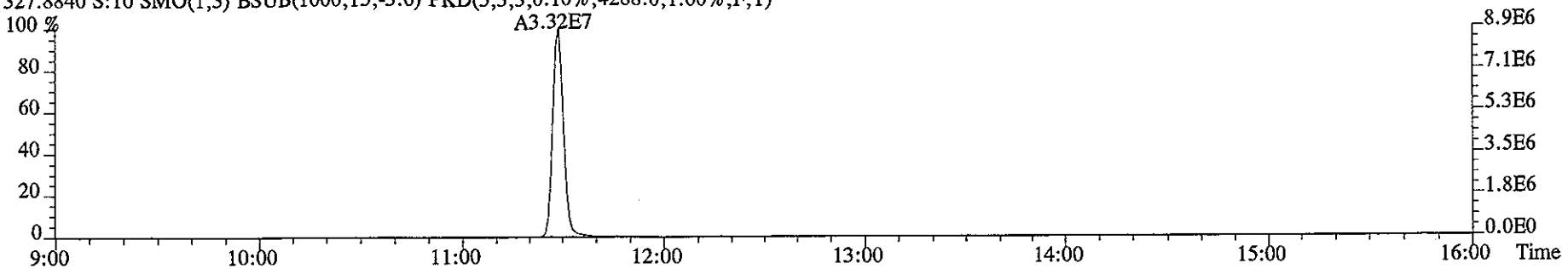
331.9368 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7552.0,1.00%,F,T)



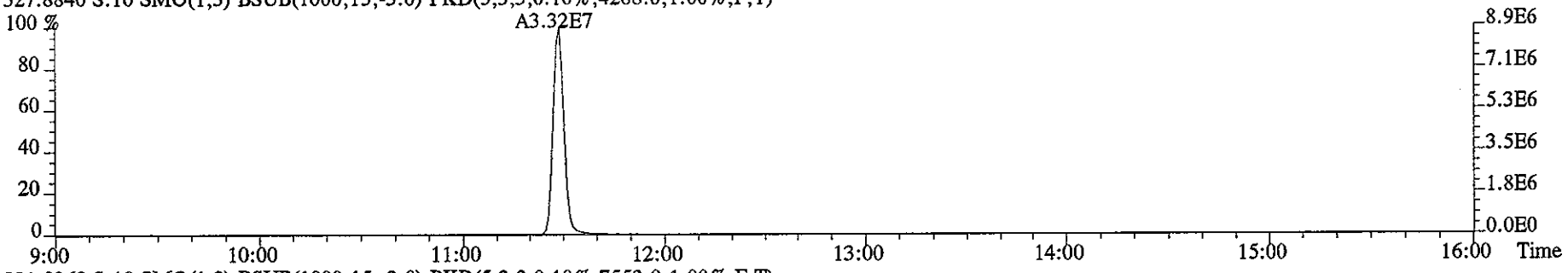
333.9339 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3312.0,1.00%,F,T)



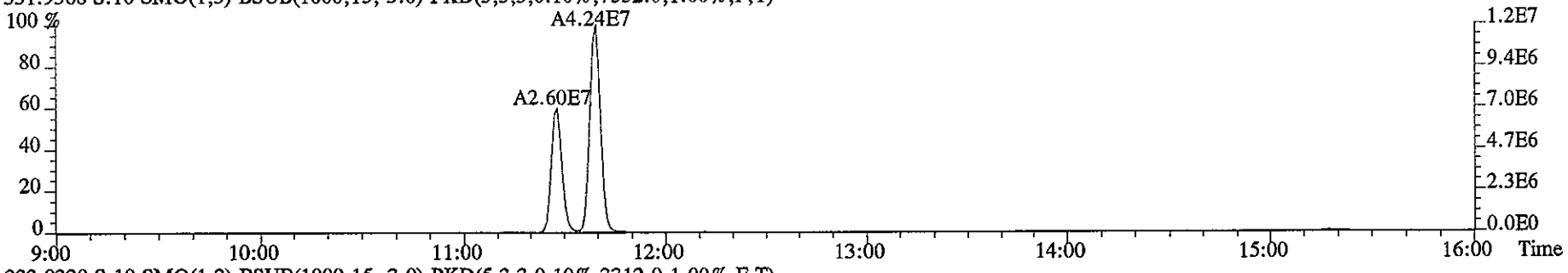
File:10JA067D2 #1-1169 Acq:10-JAN-2006 15:12:58 GC EI+ Voltage SIR 70S
Sample#10 Text:HT1WP-1-AC :G5L300272-8 Exp:DB225
327.8840 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4288.0,1.00%,F,T)



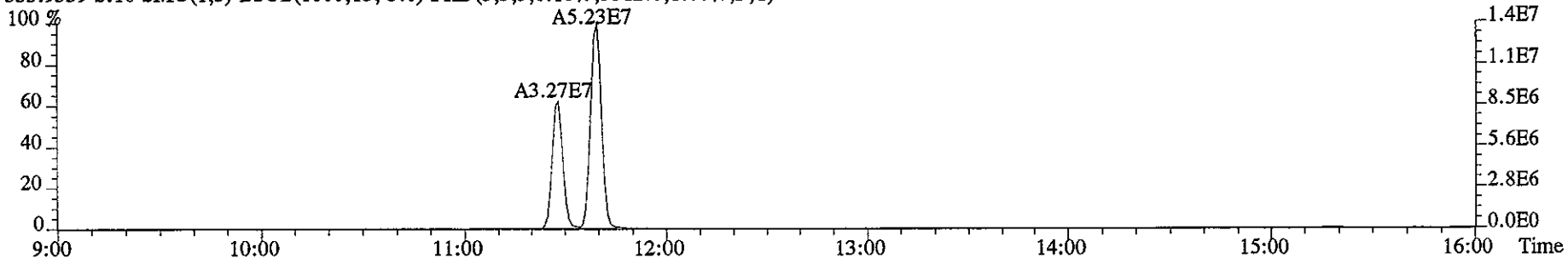
327.8840 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4288.0,1.00%,F,T)



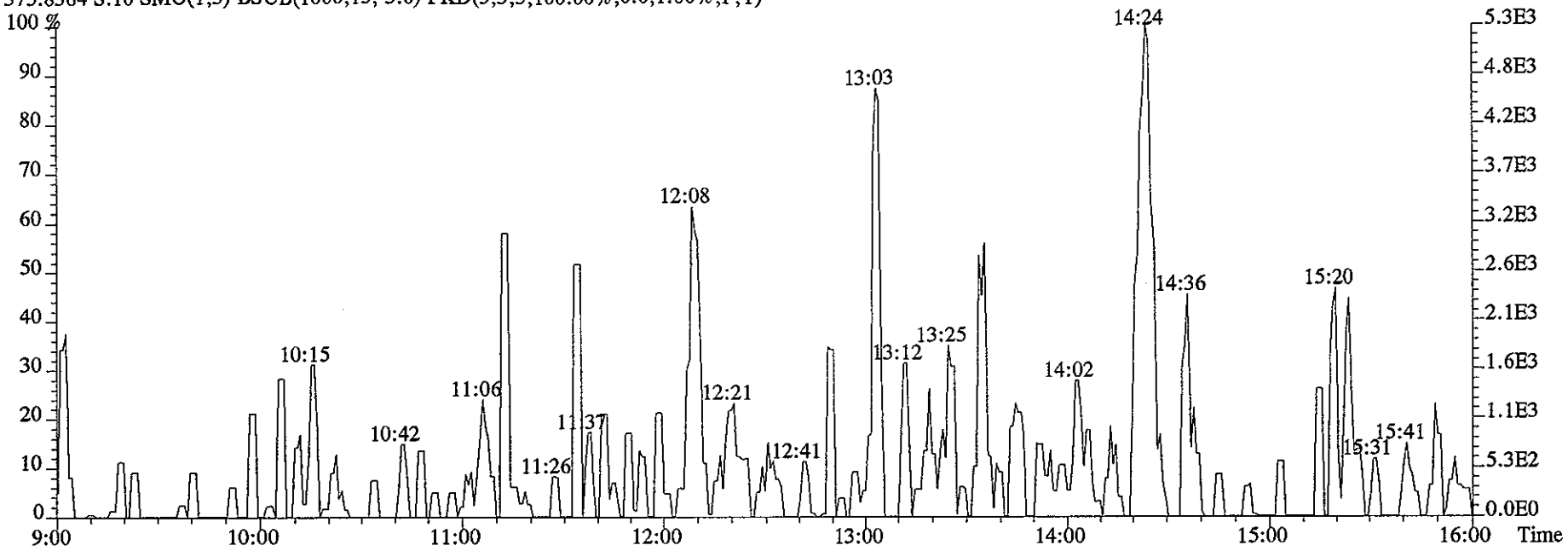
331.9368 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7552.0,1.00%,F,T)



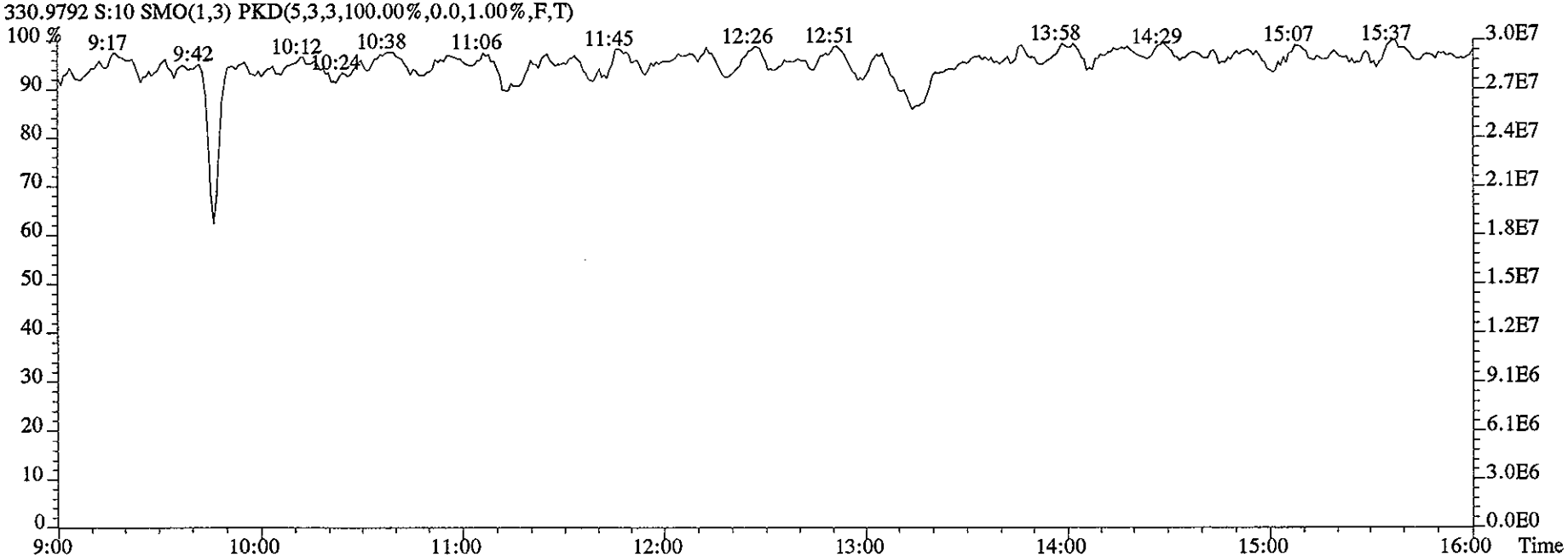
333.9339 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3312.0,1.00%,F,T)



File:10JA067D2 #1-1169 Acq:10-JAN-2006 15:12:58 GC EI+ Voltage SIR 70S
Sample#10 Text:HT1WP-1-AC :G5L300272-8 Exp:DB225
375.8364 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



330.9792 S:10 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9
Run #10 Filename: 10JA061D5 S: 7 I: 1 Results: 10ja061d58290w
Acquired: 10-JAN-06 13:45:13 Processed: 10-JAN-06 16:04:22
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	87870000	0.84	y	16:58	-	8.40	-	-	n
13C-2,3,7,8-TCDF	69188800	0.77	y	16:28	1.68	93.58	0.49	46.8	n
2,3,7,8-TCDF	9399180	0.80	y	16:31	1.16	23.37 Recovered	0.61	-	n
Total TCDF	40377239	0.96	n	14:34	1.16	~~100.37~~ 97.56	0.61	-	n
13C-2,3,7,8-TCDD	38960500	0.78	y	17:08	0.90	98.96	1.07	49.5	n
2,3,7,8-TCDD	333995	0.66	y	17:09	1.32	1.30	0.71	-	n
Total TCDD	4521781	0.66	y	15:06	1.32	~~17.55~~ 14.84	0.71	-	n
37Cl-2,3,7,8-TCDD	65859400	1.00	y	17:09	2.44	61.32	0.33	76.7	n
13C-1,2,3,7,8-PeCDF	61952100	1.53	y	21:07	1.54	91.27	0.43	45.6	n
1,2,3,7,8-PeCDF	2748050	1.57	y	21:09	1.00	8.83	0.90	-	n
2,3,4,7,8-PeCDF	5688240	1.44	y	22:22	1.05	17.51	0.87	-	n
Total F2 PeCDF	62977839	1.96	n	19:43	1.03	~~197.87~~	0.88	-	n
Total F1 PeCDF	5373523	0.80	n	14:47	1.03	~~16.90~~ 208.18	0.75	-	n
13C-1,2,3,7,8-PeCDD	41028600	1.59	y	23:00	0.91	102.18	0.69	51.1	n
1,2,3,7,8-PeCDD	892885	1.33	y	23:01	1.04	4.17	1.21	-	n
Total PeCDD	7581118	1.38	y	20:05	1.04	~~35.42~~ 23.79	1.21	-	n
13C-1,2,3,7,8,9-HxCDD	75321900	1.29	y	31:28	-	7.82	-	-	n
13C-1,2,3,4,7,8-HxCDF	42036300	0.54	y	28:58	1.38	80.70	0.82	40.4	n
1,2,3,4,7,8-HxCDF	5756680	1.24	y	28:56	1.11	24.66	1.98	-	y
1,2,3,6,7,8-HxCDF	4931040	1.21	y	29:18	1.14	20.58	1.93	-	n
2,3,4,6,7,8-HxCDF	4885240	1.26	y	30:38	1.06	21.84	2.07	-	n
1,2,3,7,8,9-HxCDF	1401996	1.34	y	~~31.48~~ 1.02 RT 0.82		~~6.55~~ 1.36	2.16	-	y
Total HxCDF	68024108	1.20	y	26:18	1.08	~~297.85~~ 296.44	2.03	-	y
13C-1,2,3,6,7,8-HxCDD	35703900	1.30	y	31:02	0.96	99.00	0.84	49.5	n
1,2,3,4,7,8-HxCDD	649731	1.42	y	30:55	0.95	3.82	1.54	-	y
1,2,3,6,7,8-HxCDD	1498601	1.23	y	31:03	1.00	8.38	1.47	-	y
1,2,3,7,8,9-HxCDD	1302803	1.26	y	31:27	1.04	6.99	1.41	-	y
Total HxCDD	14635947	1.20	y	27:44	1.00	81.86	1.47	-	y
13C-1,2,3,4,6,7,8-HpCDF	34405700	0.44	y	33:27	1.13	80.88	1.50	40.4	n
1,2,3,4,6,7,8-HpCDF	28232300	1.02	y	33:27	1.31	125.21	1.35	-	n
1,2,3,4,7,8,9-HpCDF	2741040	1.18	y	34:39	1.19	13.38	1.49	-	n
Total HpCDF	47749140	1.02	y	33:27	1.25	216.57	1.42	-	n
13C-1,2,3,4,6,7,8-HpCDD	32534600	1.07	y	34:19	1.00	86.56	1.46	43.3	n
1,2,3,4,6,7,8-HpCDD	19391880	1.03	y	34:20	0.95	125.69	1.74	-	n
Total HpCDD	37806326	0.75	n	32:58	0.95	~~245.04~~ 244.26	1.74	-	n
13C-OCDD	42270300	0.88	y	36:53	~~0.81~~ 0.64	138.68	1.41	~~34.7~~ 43.9	n

OCDF	21035740	0.91	y	36:59	1.32	150.95	2.07	- n
OCDD	109785600	0.90	y	36:53	1.00	1033.85	2.89	- n

Run text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9
Run #10 Filename: 10JA061D5 S: 7 I: 1 Results: 10JA061D58290
Acquired: 10-JAN-06 13:45:13 Processed: 10-JAN-06 16:04:22
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	87870000	0.84	y	16:58	-	8.40		-	-	n
13C-2,3,7,8-TCDF	69188800	0.77	y	16:28	1.68	93.58		0.49	46.8	n
2,3,7,8-TCDF	9399180	0.80	y	16:31	1.16	23.37	See D8227	0.61	-	n
Total TCDF	40377239	0.96	n	14:34	1.16	~~100.37~~	97.50	0.61	-	n
13C-2,3,7,8-TCDD	38960500	0.78	y	17:08	0.90	98.96		1.07	49.5	n
2,3,7,8-TCDD	333995	0.66	y	17:09	1.32	1.30		0.71	-	n
Total TCDD	4521781	0.66	y	15:06	1.32	~~17.55~~	14.84	0.71	-	n
37Cl-2,3,7,8-TCDD	65859400	1.00	y	17:09	2.44	61.32		0.33	76.7	n
13C-1,2,3,7,8-PeCDF	61952100	1.53	y	21:07	1.54	91.27		0.43	45.6	n
1,2,3,7,8-PeCDF	2748050	1.57	y	21:09	1.00	8.83		0.90	-	n
2,3,4,7,8-PeCDF	5688240	1.44	y	22:22	1.05	17.51		0.87	-	n
Total F2 PeCDF	62977839	1.96	n	19:43	1.03	~~197.87~~		0.88	-	n
Total F1 PeCDF	5373523	0.80	n	14:47	1.03	~~16.90~~	208.18	0.75	-	n
13C-1,2,3,7,8-PeCDD	41028600	1.59	y	23:00	0.91	102.18		0.69	51.1	n
1,2,3,7,8-PeCDD	892885	1.33	y	23:01	1.04	4.17		1.21	-	n
Total PeCDD	7581118	1.38	y	20:05	1.04	~~35.42~~	23.79	1.21	-	n
13C-1,2,3,7,8,9-HxCDD	75321900	1.29	y	31:28	-	7.82		-	-	n
13C-1,2,3,4,7,8-HxCDF	42036300	0.54	y	28:58	1.38	80.70		0.82	40.4	n
1,2,3,4,7,8-HxCDF	5750147	2.38	n	28:56	1.11	24.63		1.98	-	n
1,2,3,6,7,8-HxCDF	4931030	1.21	y	29:18	1.14	20.58		1.93	-	n
2,3,4,6,7,8-HxCDF	4885240	1.26	y	30:38	1.06	21.84		2.07	-	n
1,2,3,7,8,9-HxCDF	1365134	1.28	y	~~31:48~~	~~1.02~~ 0.82	~~6.30~~	~~7.94~~ 1.38	~~2.16~~	2.16E	n
Total HxCDF	64366446	1.20	y	26:18 RT	1.08	~~281.77~~	296.44	2.03	-	n
13C-1,2,3,6,7,8-HxCDD	35703900	1.30	y	31:02	0.96	99.00		0.84	49.5	n
1,2,3,4,7,8-HxCDD	556429	1.67	n	30:55	0.95	3.27		1.54	-	n
1,2,3,6,7,8-HxCDD	1531661	1.24	y	31:03	1.00	8.57		1.47	-	n
1,2,3,7,8,9-HxCDD	1992096	1.28	y	31:27	1.04	10.69		1.41	-	n
Total HxCDD	14728288	1.20	y	27:44	1.00	~~82.19~~	81.86	1.47	-	n
13C-1,2,3,4,6,7,8-HpCDF	34405700	0.44	y	33:27	1.13	80.88		1.50	40.4	n
1,2,3,4,6,7,8-HpCDF	28232300	1.02	y	33:27	1.31	125.21		1.35	-	n
1,2,3,4,7,8,9-HpCDF	2741040	1.18	y	34:39	1.19	13.38		1.49	-	n
Total HpCDF	47749140	1.02	y	33:27	1.25	216.57		1.42	-	n
13C-1,2,3,4,6,7,8-HpCDD	32534600	1.07	y	34:19	1.00	86.56		1.46	43.3	n
1,2,3,4,6,7,8-HpCDD	19391880	1.03	y	34:20	0.95	125.69		1.74	-	n
Total HpCDD	37806326	0.75	n	32:58	0.95	~~245.04~~	244.26	1.74	-	n
									43.9	
13C-OCDD	42270300	0.88	y	36:53	~~0.81~~ 0.64	138.68		1.41	~~34.7~~	n
OCDF	21035740	0.91	y	36:59	1.32	150.95		2.07	-	n
OCDD	109785600	0.90	y	36:53	1.00	1033.85		2.89	-	n

Run Text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:17
Run: 10 File: 10JA061D5 S:7 Acq:10-JAN-06 13:45:13
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	1003.75	of which	233.66	named and	770.09	unnamed		
Conc:	100.37	of which	23.37	named and	77.01	unnamed		

Name	#	R.T.	Ratio		Conc	Area	S/N	>?	Mod?
	1	14:34	0.96	n	0.43	93064	3.0	n	n
						96622	2.1	n	n
	2	14:42	0.91	(n)	3.32 JA	689651	22.0	y	n
						754875	17.9	y	n
	3	14:57	0.80	y	6.78	1212920	31.7	y	n
						1515200	30.7	y	n
	4	15:11	0.91	(n)	2.37 JA	491521	12.2	y	n
						538639	9.4	y	n
	5	15:23	0.75	y	8.09	1398590	26.7	y	n
						1855260	27.0	y	n
	6	15:40	0.80	y	16.44	2940240	89.5	y	n
						3671470	77.9	y	n
	7	15:51	0.86	y	10.45	1946540	28.7	y	n
						2258600	26.9	y	n
	8	16:09	0.83	y	8.26	1504260	46.3	y	n
						1818130	39.3	y	n
	9	16:21	0.70	y	2.96	492195	13.8	y	n
						698593	14.3	y	n
2,3,7,8-TCDF	10	16:31	0.80	y	23.37	4183770	114.1	y	n
						5215410	101.1	y	n
	11	16:54	0.82	y	10.26	1861080	52.4	y	n
						2265770	46.1	y	n
	12	17:05	0.77	y	4.57	799922	20.6	y	n
						1038350	20.3	y	n
	13	17:18	0.97	n	0.46	100922	2.1	n	n
						103570	2.2	n	n
	14	17:35	0.96	(n)	1.03 DPL	225092	5.8	y	n
						235166	5.1	y	n
	15	17:56	0.87	y	0.44	82042	1.9	n	n
						93957	1.9	n	n

	16	18:11	0.91	n	0.64 JA	133878	3.6	y n
						146467	2.7	n n
	17	18:29	1.17	n	0.51 JW	136073	3.5	y n
						116153	2.3	n n

Run Text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:12
Run: 10 File: 10JA061D5 S:7 Acq:10-JAN-06 13:45:13
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D5

Amount:	175.54 of which	12.97 named and	162.57 unnamed
Conc:	17.55 of which	1.30 named and	16.26 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:06	0.66	y	0.87	89237	3.8	y	n
						134997	5.0	y	n
	2	15:21	0.89	n	3.39 JA	437957	15.0	y	n
						492974	16.7	y	n
	3	15:35	1.02	n	0.54 JA	79932	2.4	n	n
						78231	2.4	n	n
	4	16:07	1.06	n	3.11 JA	482161	16.0	y	n
						453164	12.5	y	n
	5	16:15	0.43	n	0.91	101881	3.5	y	n
						234637	3.4	y	n
	6	16:41	1.80	n	0.93	243979	9.5	y	n
						135349	4.8	y	n
	7	16:49	2.36	n	0.11	37903	1.3	n	n
						16071	0.8	n	n
	8	17:04	0.81	y	4.16	480045	10.5	y	n
						591428	12.6	y	n
2,3,7,8-TCDD	9	17:09	0.66	y	1.30	132323	4.6	y	n
						201672	6.3	y	n
	10	17:20	1.20	n	0.53	92426	2.4	n	n
						76951	2.8	n	n
	11	17:29	0.80	y	1.47	167985	4.6	y	n
						211134	6.4	y	n
	12	17:42	1.83	n	0.24	63411	2.3	n	n
						34699	1.0	n	n

Run Text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:13
Run: 10 File: 10JA061D5 S:7 Acq:10-JAN-06 13:45:13
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount: 1978.69 of which 263.43 named and 1715.26 unnamed
Conc: 197.87 of which 26.34 named and 171.53 unnamed

5.79

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	19:43	1.96	n	1.35	329067	7.8	y	n
						168090	5.1	y	n
	2	19:54	1.48	y	70.82	13436800	229.5	y	n
						9082200	183.5	y	n
	3	20:07	1.38	y	4.88	898044	17.5	y	n
						652433	15.5	y	n
	4	20:23	1.31	n	1.98	383598	5.4	y	n
						292831	5.7	y	n
	5	20:36	1.50	y	31.88	6080020	81.0	y	n
						4057370	62.8	y	n
	6	21:01	1.49	y	3.43	652040	13.5	y	n
						438488	12.4	y	n
1,2,3,7,8-PeCDF	7	21:09	1.57	y	8.83	1679500	34.8	y	n
						1068550	24.3	y	n
	8	21:24	1.26	(n)	5.22	1009700	19.3	y	n
						804118	18.0	y	n
	9	21:37	1.47	y	13.24	2503010	46.6	y	n
						1708150	37.3	y	n
2,3,4,7,8-PeCDF	10	22:22	1.44	y	17.51	3354570	57.5	y	n
						2333670	46.6	y	n
	11	22:40	1.43	y	36.27	6780490	93.8	y	n
						4751070	77.4	y	n
	12	23:08	1.14	n	1.11	213581	4.6	y	n
						187573	4.3	y	n
	13	24:08	1.41	y	1.35	251220	3.7	y	n
						178009	3.3	y	n

Run Text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:3
Run: 10 File: 10JA061D5 S:7 Acq:10-JAN-06 13:45:13

Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	168.99	of which	* named and	168.99	unnamed
Conc:	16.90	of which	* named and	16.90	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:47	0.80	n	0.36	70524	1.9	n	n
						88203	3.1	y	n
	2	18:09	0.63	n	0.44	84661	2.1	n	n
						134063	3.5	y	n
	3	18:28	1.63	y	16.10	3170470	95.8	y	n
						1947750	52.1	y	n

Run Text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:12
Run: 10 File: 10JA061D5 S:7 Acq:10-JAN-06 13:45:13
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	354.18 of which	41.71 named and	312.46 unnamed
Conc:	35.42 of which	4.17 named and	31.25 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:05	1.38	y	7.04	873016	17.9	y	n
						634318	19.7	y	n
	2	20:46	1.88	n	1.11	174278	4.8	y	n
						92928	3.7	y	n
	3	21:10	1.71	y	4.21	567842	13.6	y	n
						332872	10.7	y	n
	4	21:23	2.09	n	2.19	384883	8.7	y	n
						184117	7.0	y	n
	5	21:40	1.58	y	5.01	657745	15.0	y	n
						415449	14.0	y	n
	6	21:59	1.52	y	1.12	144734	3.3	y	n
						95362	3.3	y	n
	7	22:08	1.54	y	3.36	436014	6.9	y	n
						282244	7.2	y	n
	8	22:27	1.66	y	2.19	292127	6.5	y	n
						176118	5.3	y	n
	9	22:42	0.96	n	1.00	130683	3.1	y	n
						136550	3.5	y	n
1,2,3,7,8-PeCDD	10	23:01	1.33	y	4.17	510339	10.6	y	n
						382546	9.8	y	n
	11	23:18	1.60	y	1.77	232582	4.7	y	n
						145325	3.1	y	n
	12	23:58	1.35	y	2.25	276170	5.5	y	n
						204857	5.0	y	n

Run Text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:13
Run: 10 File: 10JA061D5 S:7 Acq:10-JAN-06 13:45:13
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	2817.75 of which	734.35 named and	2083.40 unnamed	

Conc: 281.77 of which 73.44 named and 208.34 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	26:18	1.20	y	21.23	2638780	37.3	y	n
						2194720	35.6	y	n
	2	26:38	1.27	y	91.24	11614800	152.4	y	n
						9159620	138.6	y	n
	3	27:24	1.14	y	4.12	499278	7.0	y	n
						438410	7.9	y	n
	4	27:53	1.23	y	73.20	9185790	116.7	y	n
						7481420	107.3	y	n
1,2,3,4,7,8-HxCDF	5	28:56	2.38	n	24.63	6121640	47.2	y	n
						2567030	43.0	y	n
1,2,3,6,7,8-HxCDF	6	29:18	1.21	y	20.58	2697640	30.8	y	n
						2233390	29.0	y	n
	7	29:30	1.29	y	0.81	103417	2.6	n	n
						80203	2.1	n	n
	8	29:36	2.25	n	0.79	180466	3.4	y	n
						80203	2.1	n	n
	9	30:01	1.55	n	5.75	904352	9.4	y	n
						584272	6.8	y	n
	10	30:29	1.32	y	10.53	1365630	22.7	y	n
						1032210	21.0	y	n
2,3,4,6,7,8-HxCDF	11	30:38	1.26	y	21.84	2719030	49.5	y	n
						2166210	45.9	y	n
	12	31:41	0.78	n	0.67	84250	2.8	n	n
						107813	4.0	y	n
1,2,3,7,8,9-HxCDF	13	31:48	1.28	y	6.38	765389	16.9	y	n
						599745	15.1	y	n

See pg 6A

Run Text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? yes #Hom:11
Run: 10 File: 10JA061D5 S:7 Acq:10-JAN-06 13:45:13
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10ja061d¶

Amount:	2978.49 of which	736.35 named and	2242.14 unnamed
Conc:	297.85 of which	73.64 named and	224.21 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	26:18	1.20	y	21.23	2638780	37.3	y	n
						2194720	35.6	y	n
	2	26:38	1.27	y	91.24	11614800	152.4	y	n
						9159620	138.6	y	n
	3	27:24	1.14	y	4.12	499278	7.0	y	n
						438410	7.9	y	n
	4	27:53	1.23	y	73.20	9185790	116.7	y	n
						7481420	107.3	y	n
	5	28:54	1.30	y	22.84	2942590	47.3	y	y
						2257640	41.1	y	n
1,2,3,4,7,8-HxCDF	6	28:56	1.24	y	24.66	3189650	47.3	y	y
						2567030	43.0	y	n
1,2,3,6,7,8-HxCDF	7	29:18	1.21	y	20.58	2697650	30.8	y	n
						2233390	29.0	y	n
	8	30:29	1.32	y	10.53	1365630	22.7	y	n
						1032210	21.0	y	n
2,3,4,6,7,8-HxCDF	9	30:38	1.26	y	21.84	2719030	49.5	y	n
						2166210	45.9	y	n
	10	31:41	1.21	y	1.05	130451	3.3	y	y
						107813	4.0	y	n
1,2,3,7,8,9-HxCDF	11	31:48	1.34	y	6.55	802253	17.4	y	y
						599743	15.1	y	n

Pg 6A

RT

$1.05 * \frac{1.08}{0.82} = 1.38$

$6.55 * \frac{1.02}{1.08} = 6.186$

MANUAL EDIT CODES

1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other Manual Calc

Analyst _____ Date 1/18/06

Run Text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:7
Run: 10 File: 10JA061D5 S:7 Acq:10-JAN-06 13:45:13
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	821.89 of which	225.25 named and	596.64 unnamed
Conc:	82.19 of which	22.53 named and	59.66 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:44	1.20	y	14.58	1421560	27.0	y	n
						1180880	14.4	y	n
	2	29:05	1.55	n	17.52	2161790	35.9	y	n
						1395730	16.2	y	n
	3	29:45	1.34	y	25.46	2600150	49.1	y	n
						1942920	21.9	y	n
	4	30:07	1.65	n	2.11	276361	6.0	y	n
						167927	2.7	n	n
1,2,3,4,7,8-HxCDD	5	30:55	1.67	n	3.27	414572	11.8	y	n
						248406	5.1	y	n
1,2,3,6,7,8-HxCDD	6	31:03	1.24	y	8.57	848679	26.0	y	n
						682982	12.4	y	n
1,2,3,7,8,9-HxCDD	7	31:27	1.28	y	10.69	1117480	24.4	y	n
						874616	13.5	y	n

See Pg 7A

Run Text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:4
Run: 10 File: 10JA061D5 S:7 Acq:10-JAN-06 13:45:13
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	2165.73 of which	1385.96 named and	779.76 unnamed
Conc:	216.57 of which	138.60 named and	77.98 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,6,7,8-HpCDF	1	33:27	1.02	y	125.21	14231300	294.4	y	n
						14001000	263.5	y	n
	2	33:39	1.10	y	18.61	2098970	45.3	y	n
						1904430	36.2	y	n
	3	33:47	1.02	y	59.37	6460030	136.3	y	n
						6312370	122.8	y	n
1,2,3,4,7,8,9-HpCDF	4	34:39	1.18	y	13.38	1486440	30.0	y	n

Run Text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? yes #Hom:7
Run: 10 File: 10JA061D5 S:7 Acq:10-JAN-06 13:45:13
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10ja061d¶

Amount:	818.60 of which	191.89 named and	626.71	unnamed
Conc:	81.86 of which	19.19 named and	62.67	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:44	1.20	y	14.58	1421560	27.0	y	n
						1180880	14.4	y	n
	2	29:05	1.39	y	18.71	1943010	35.1	y	y
						1395730	16.2	y	n
	3	29:45	1.34	y	25.46	2600150	49.1	y	n
						1942920	21.9	y	n
1,2,3,4,7,8-HxCDD	4	30:55	1.42	y	3.82	381190	11.4	y	y
						268541	5.2	y	y
1,2,3,6,7,8-HxCDD	5	31:03	1.23	y	8.38	825991	25.7	y	y
						672610	12.4	y	y
	6	31:25	1.36	y	3.93	403175	21.1	y	y
						297387	9.6	y	y
1,2,3,7,8,9-HxCDD	7	31:27	1.26	y	6.99	725609	24.5	y	y
						577194	13.5	y	y

PG
7A

						1254600	23.4	y	n

Run Text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9

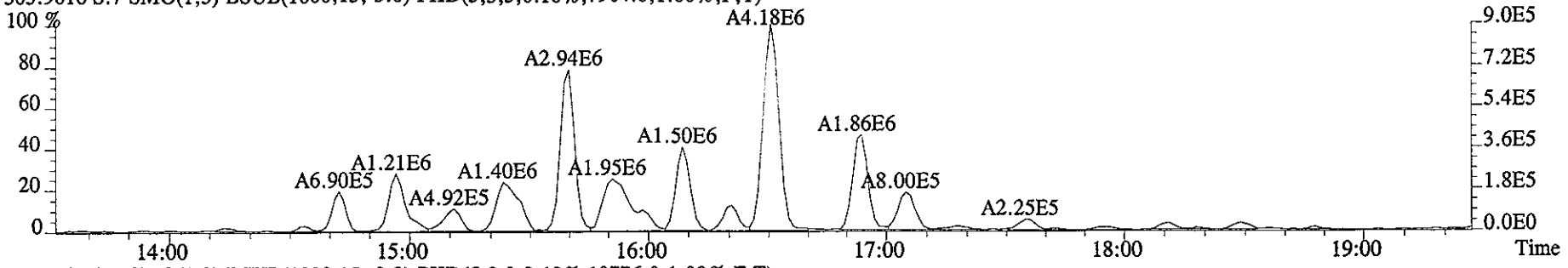
Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:3
Run: 10 File: 10JA061D5 S:7 Acq:10-JAN-06 13:45:13
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D5

Amount:	2450.40	of which	1256.87 named and	1193.52 unnamed
Conc:	245.04	of which	125.69 named and	119.35 unnamed

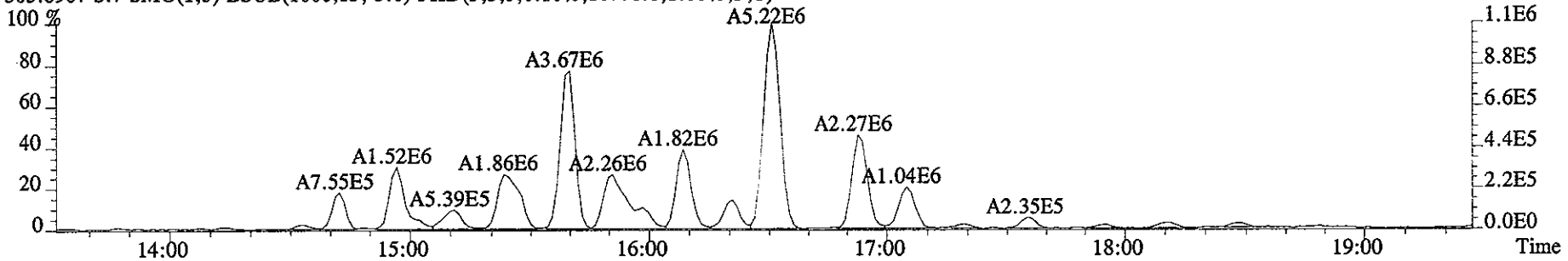
Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	32:58	0.75	n	0.78	61684	1.3	n	n
						82572	1.9	n	n
	2	33:44	1.03	y	118.57	9300430	198.8	y	n
						8993020	222.4	y	n
1,2,3,4,6,7,8-HpCDD	3	34:20	1.03	y	125.69	9859810	205.9	y	n
						9532070	223.5	y	n

File:10JA061D5 #1-322 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN

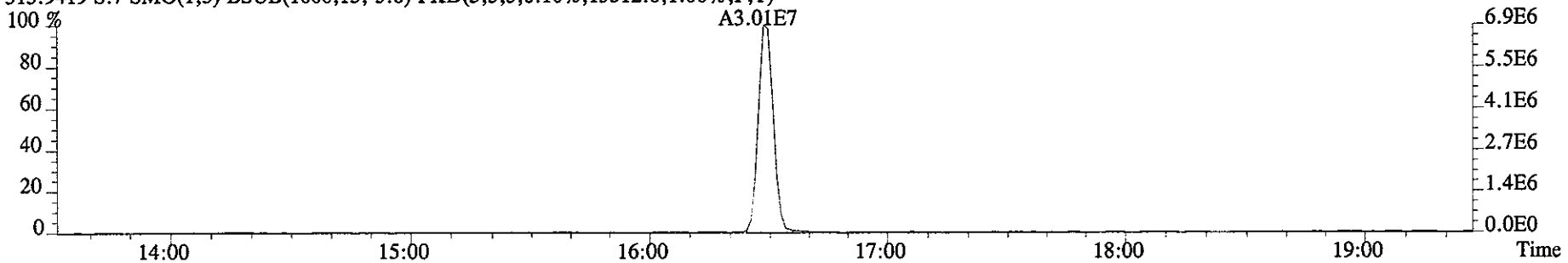
303.9016 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7904.0,1.00%,F,T)



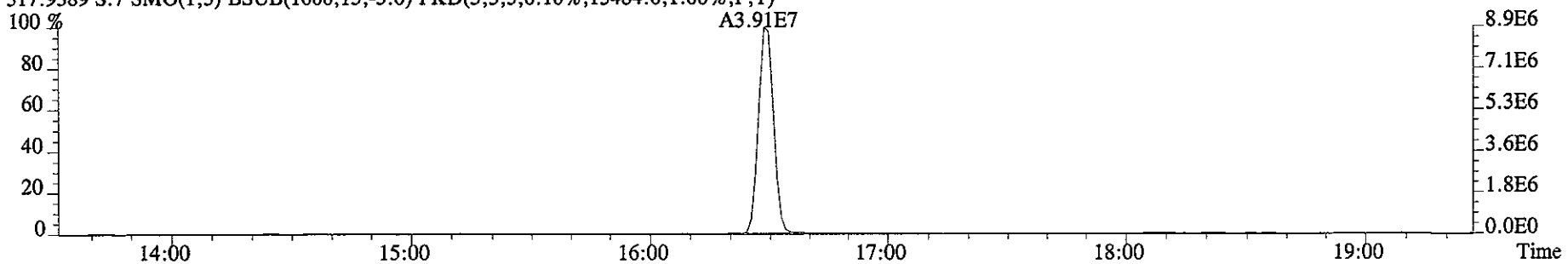
305.8987 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10776.0,1.00%,F,T)



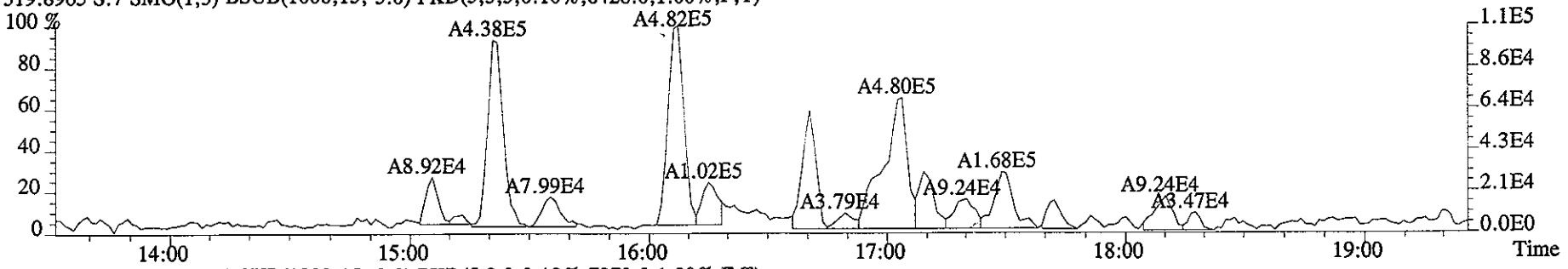
315.9419 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13312.0,1.00%,F,T)



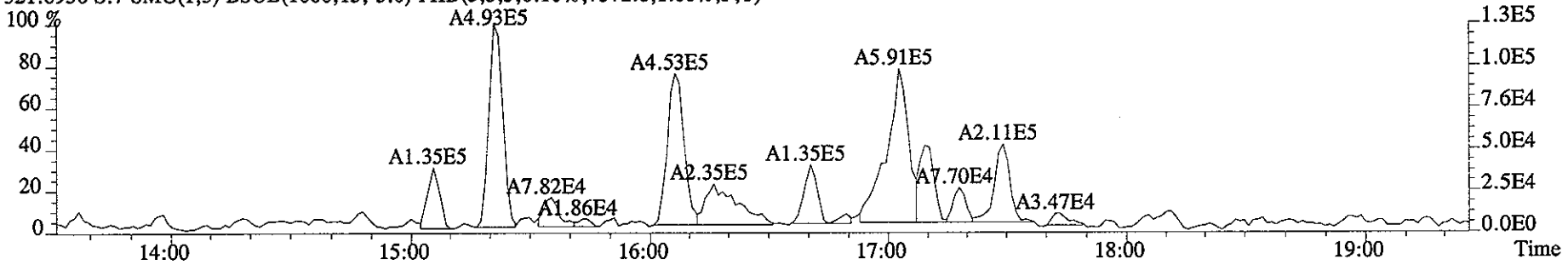
317.9389 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13484.0,1.00%,F,T)



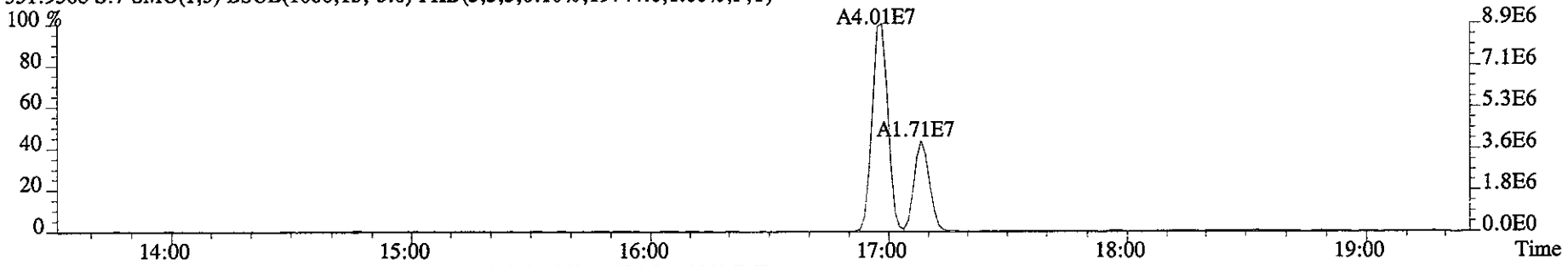
File:10JA061D5 #1-322 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN
319.8965 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6428.0,1.00%,F,T)



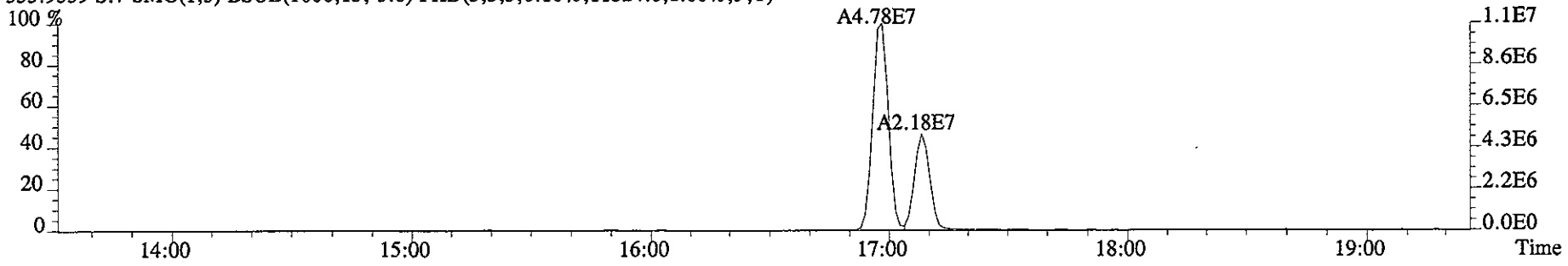
321.8936 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7372.0,1.00%,F,T)



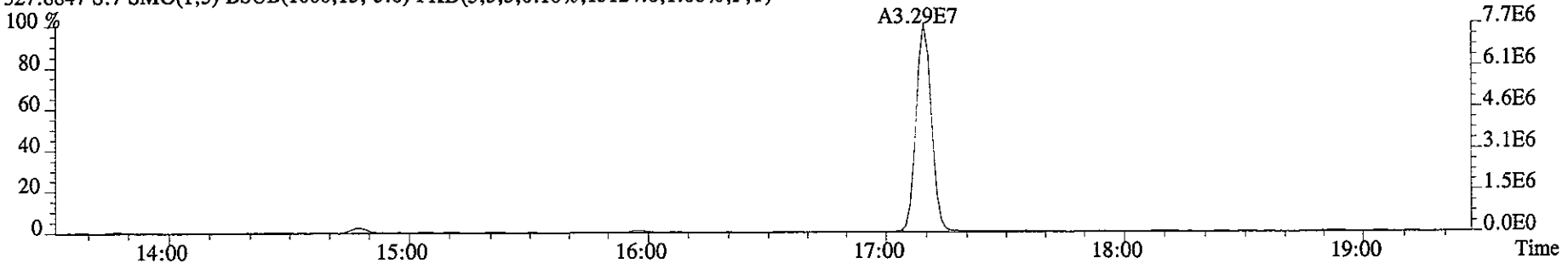
331.9368 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19744.0,1.00%,F,T)



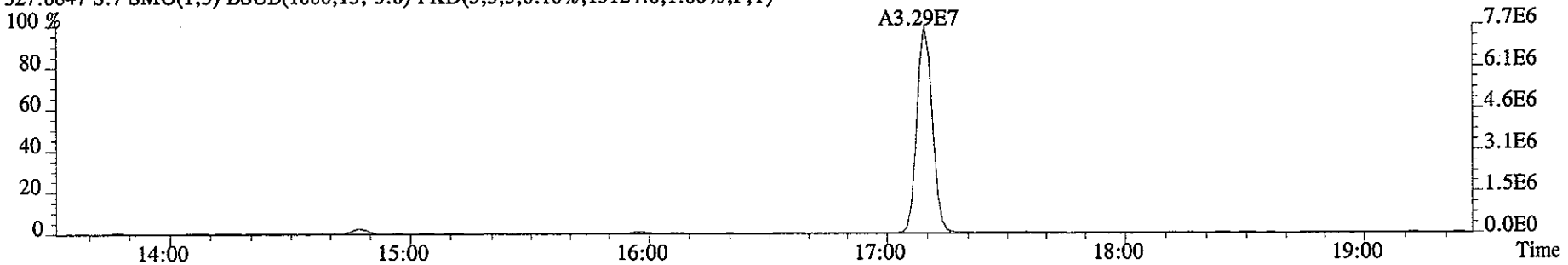
333.9339 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11524.0,1.00%,F,T)



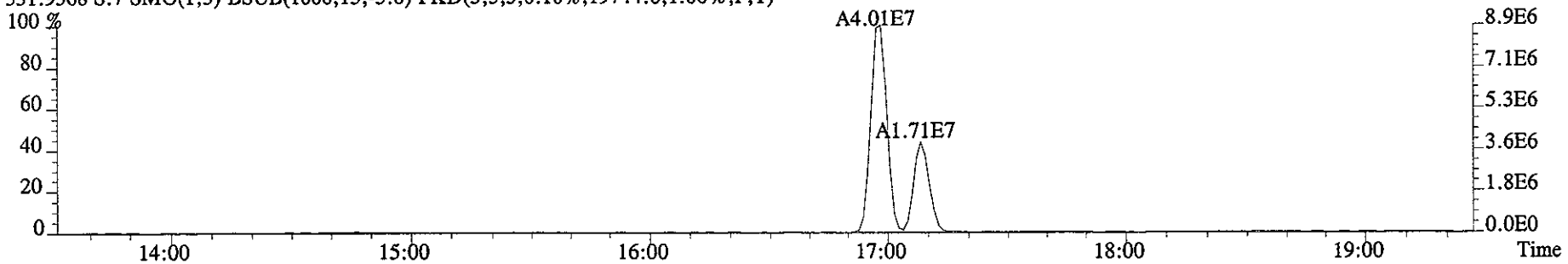
File:10JA061D5 #1-322 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN
327.8847 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13124.0,1.00%,F,T)



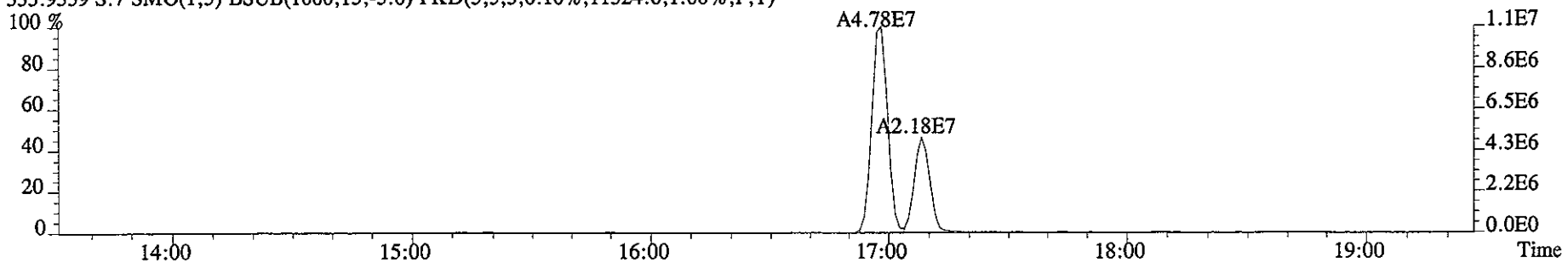
327.8847 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13124.0,1.00%,F,T)



331.9368 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19744.0,1.00%,F,T)

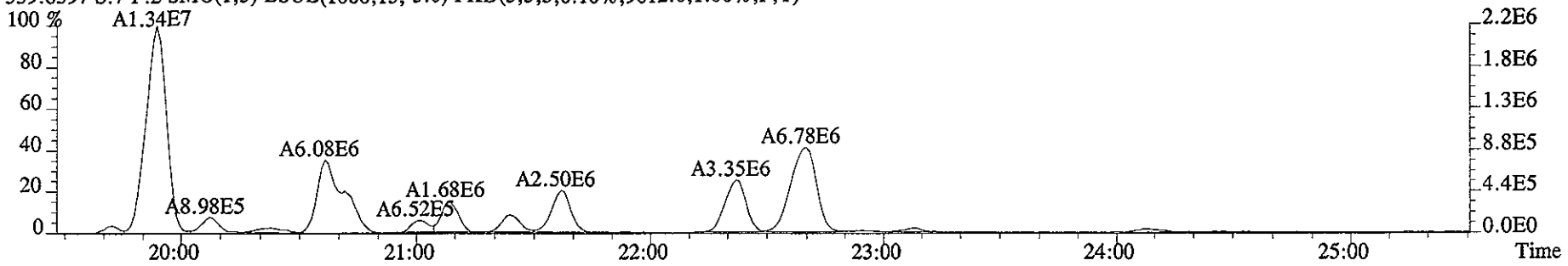


333.9339 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11524.0,1.00%,F,T)

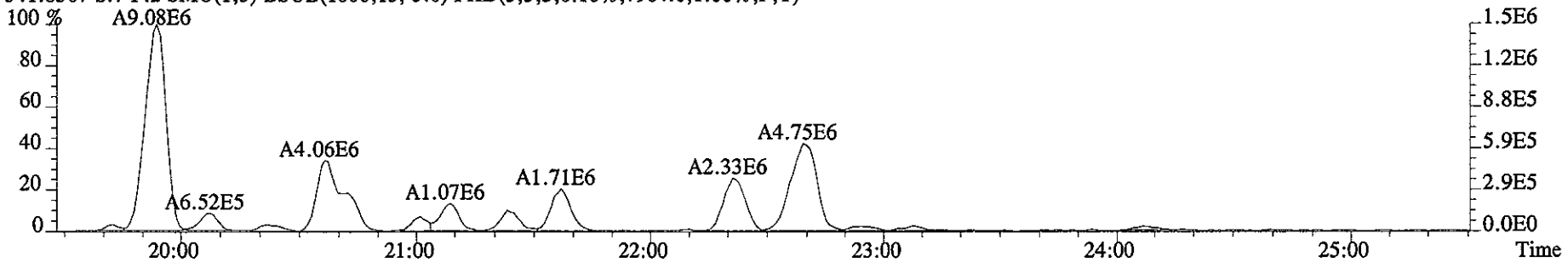


File:10JA061D5 #1-426 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN

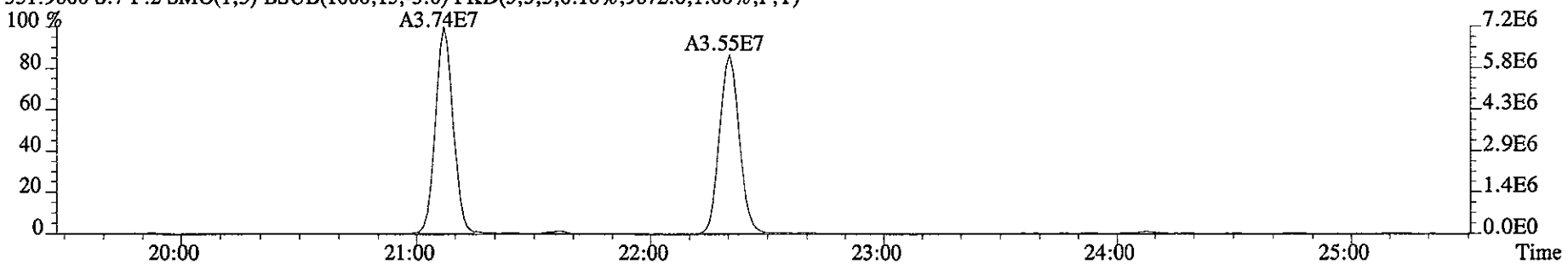
339.8597 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9612.0,1.00%,F,T)



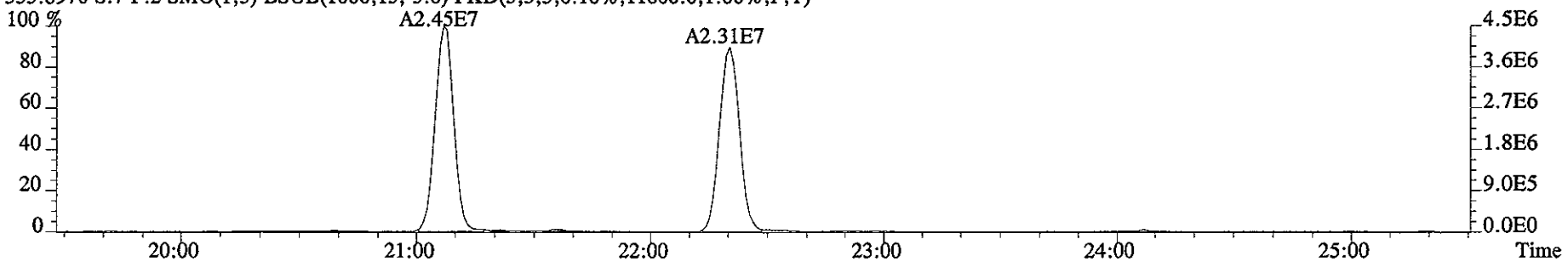
341.8567 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7964.0,1.00%,F,T)



351.9000 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9872.0,1.00%,F,T)

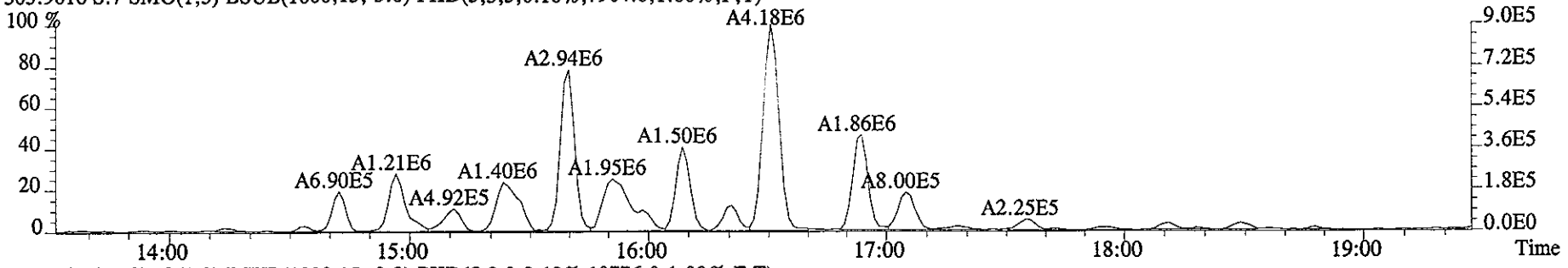


353.8970 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11800.0,1.00%,F,T)

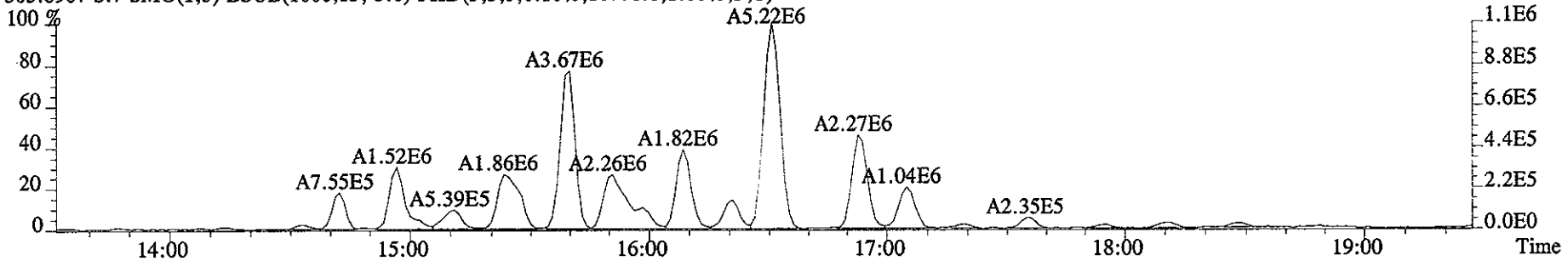


File:10JA061D5 #1-322 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN

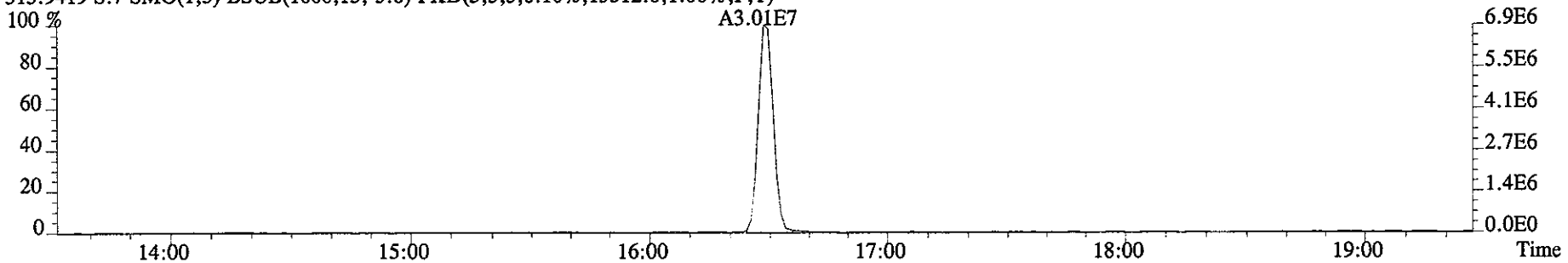
303.9016 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7904.0,1.00%,F,T)



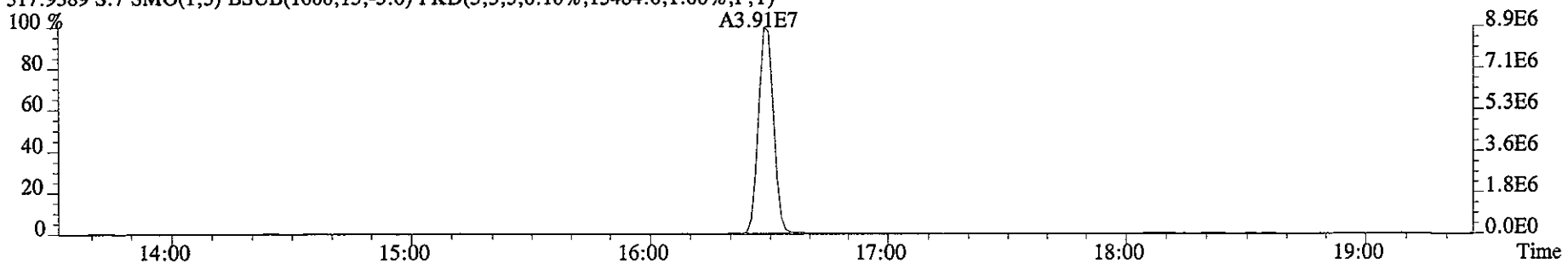
305.8987 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10776.0,1.00%,F,T)



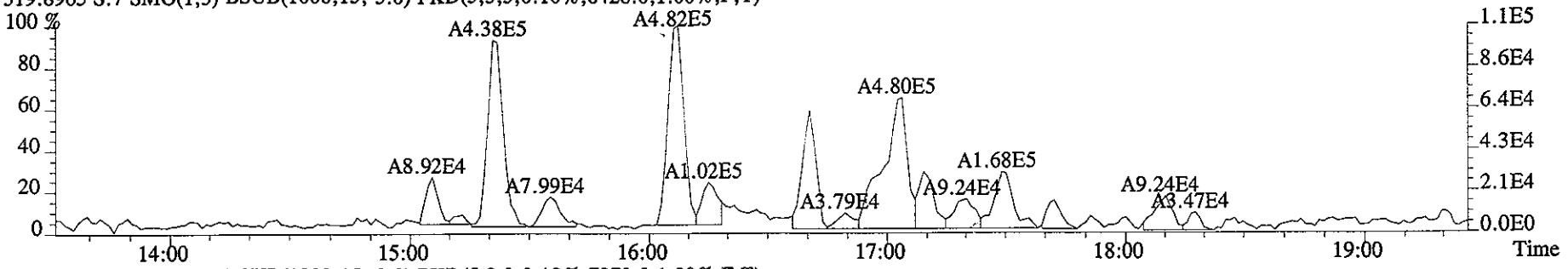
315.9419 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13312.0,1.00%,F,T)



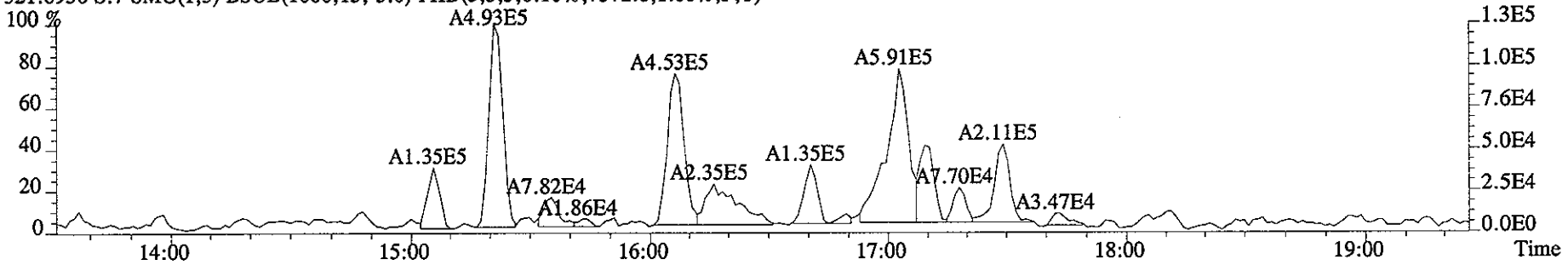
317.9389 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13484.0,1.00%,F,T)



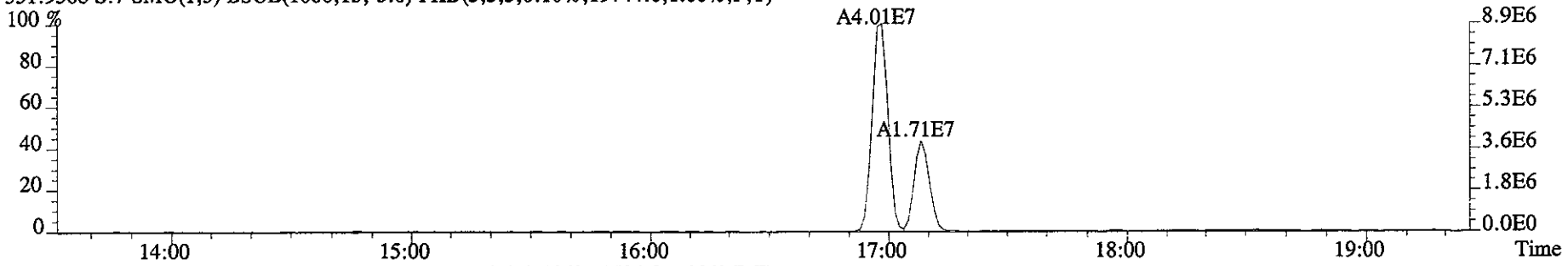
File:10JA061D5 #1-322 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN
319.8965 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6428.0,1.00%,F,T)



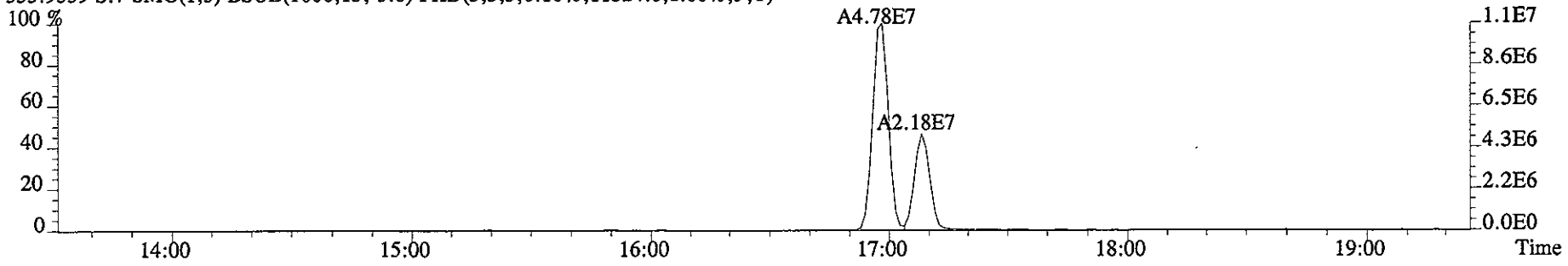
321.8936 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7372.0,1.00%,F,T)



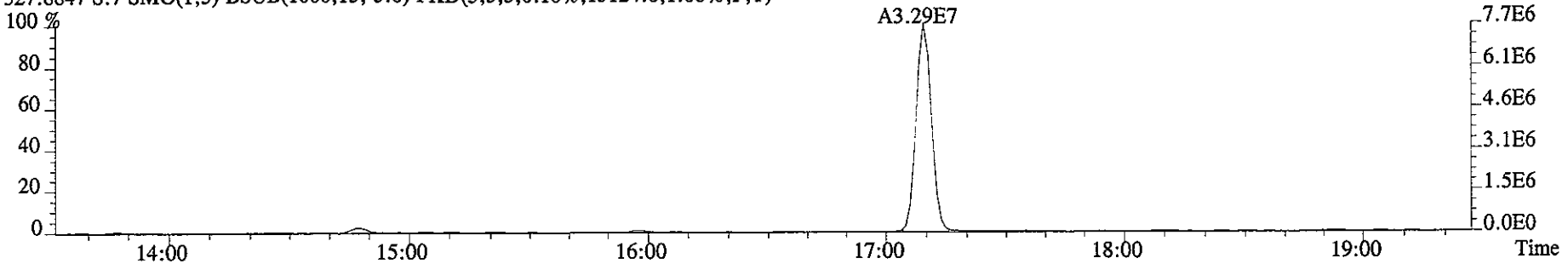
331.9368 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19744.0,1.00%,F,T)



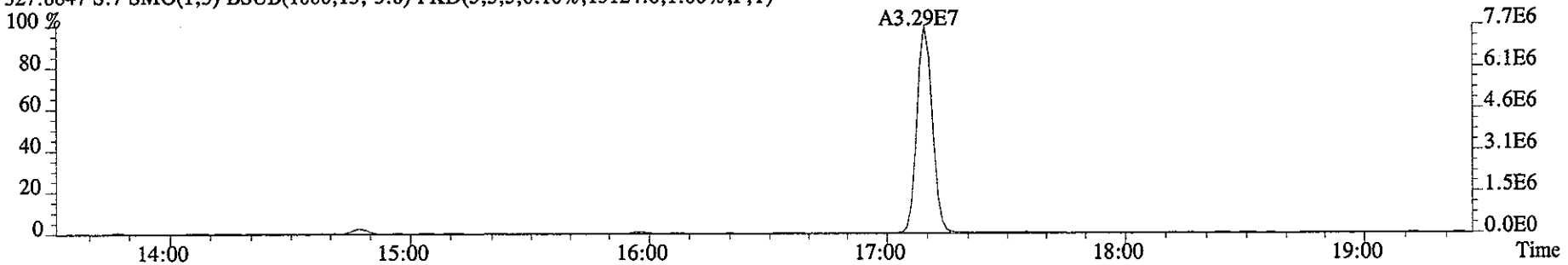
333.9339 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11524.0,1.00%,F,T)



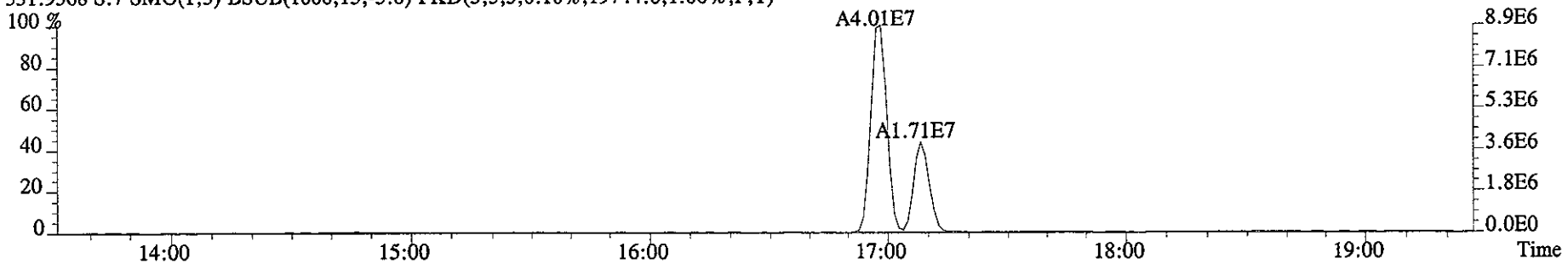
File:10JA061D5 #1-322 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN
327.8847 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13124.0,1.00%,F,T)



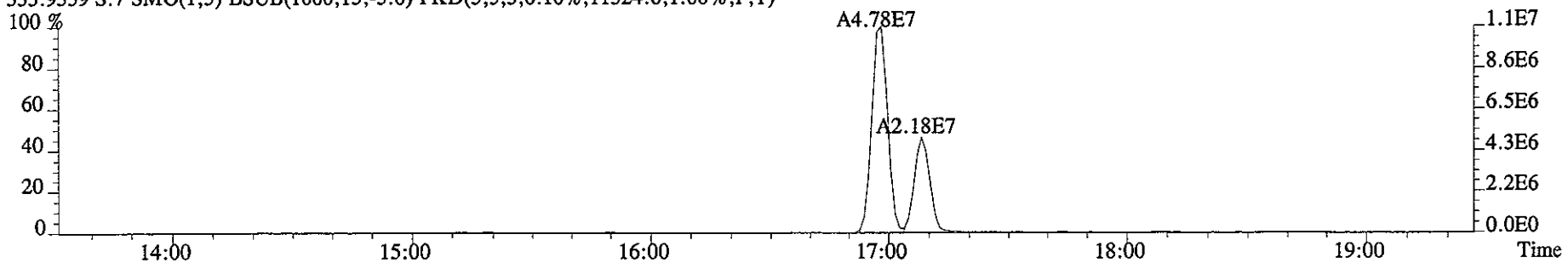
327.8847 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13124.0,1.00%,F,T)



331.9368 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19744.0,1.00%,F,T)

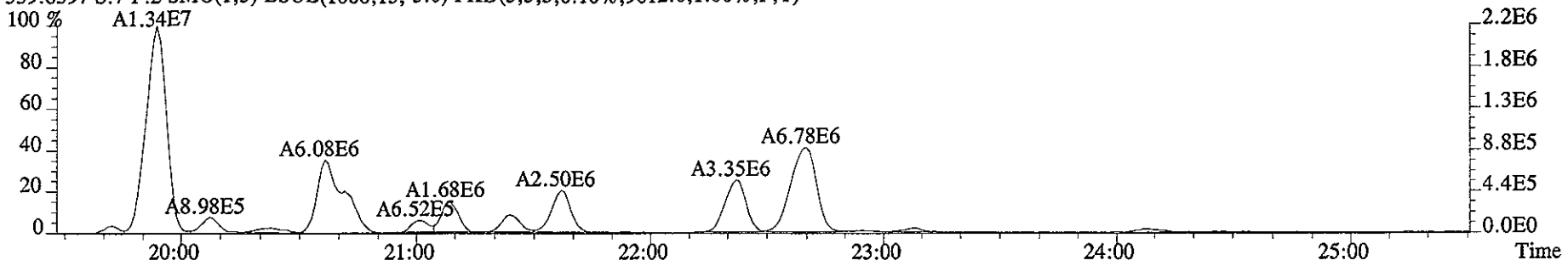


333.9339 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11524.0,1.00%,F,T)

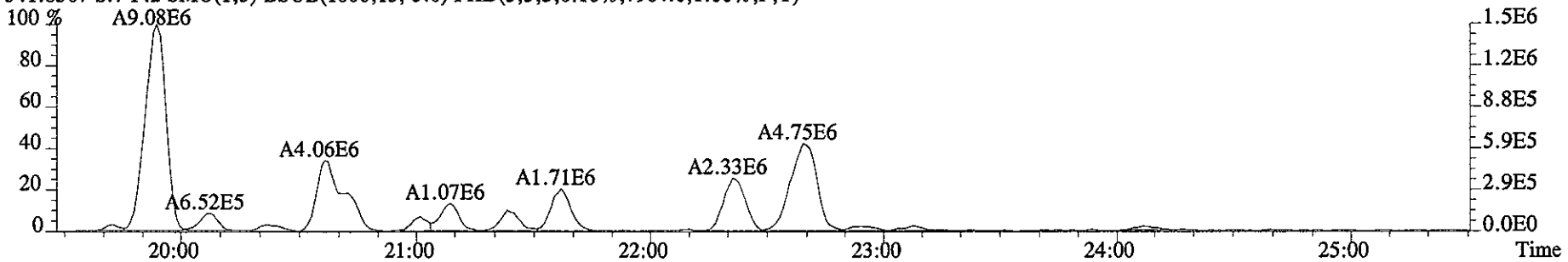


File:10JA061D5 #1-426 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN

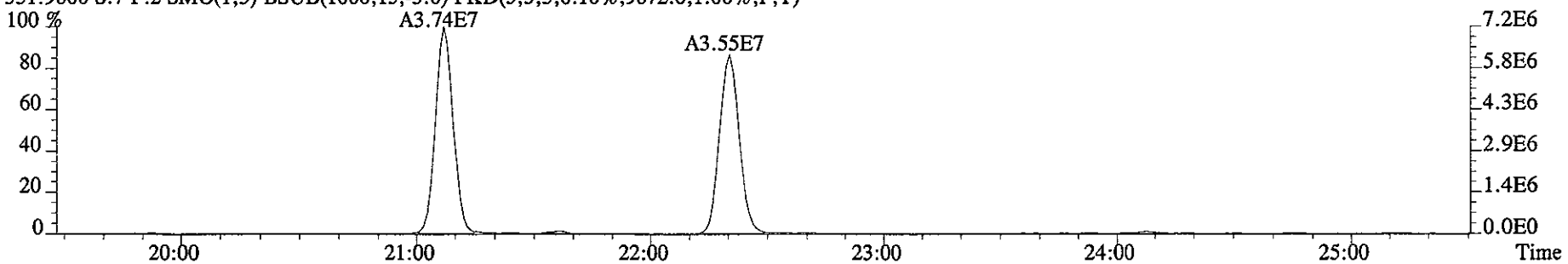
339.8597 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9612.0,1.00%,F,T)



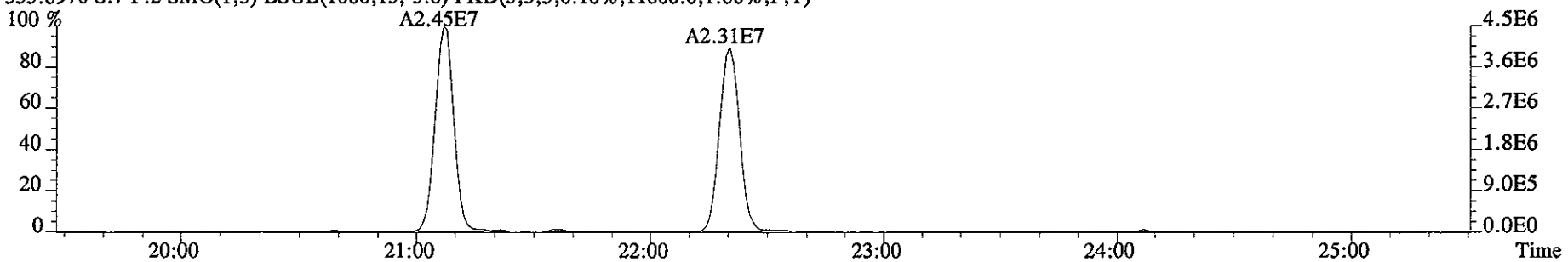
341.8567 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7964.0,1.00%,F,T)



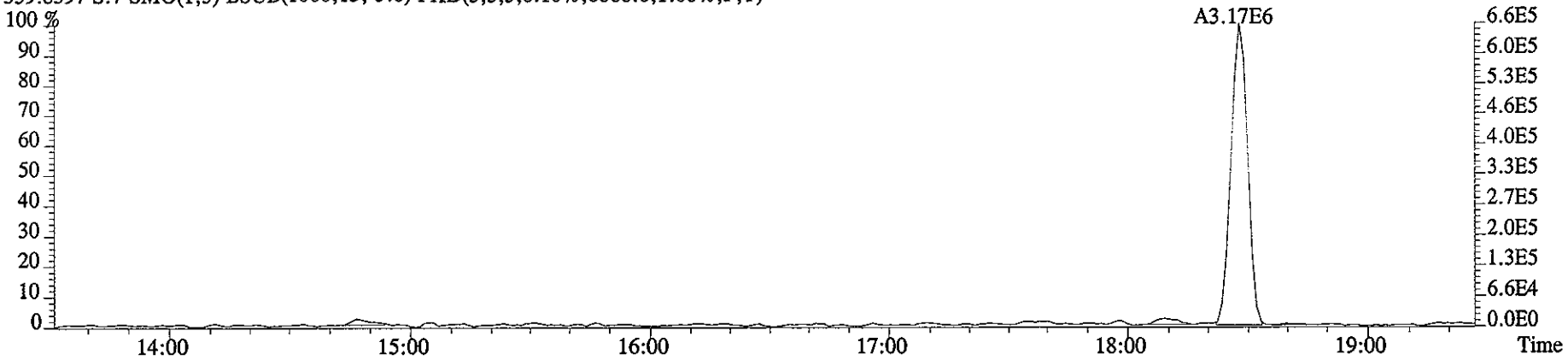
351.9000 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9872.0,1.00%,F,T)



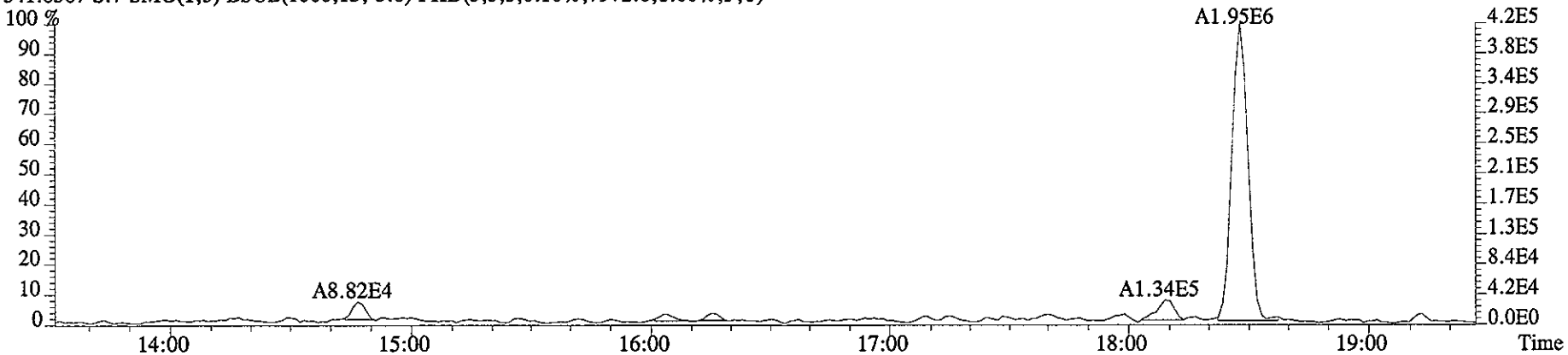
353.8970 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11800.0,1.00%,F,T)



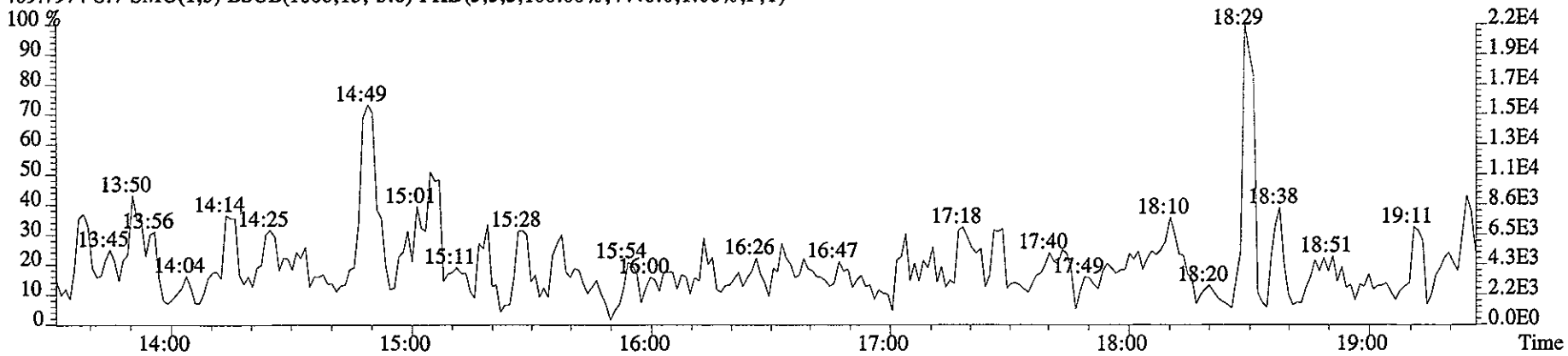
File:10JA061D5 #1-322 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN
339.8597 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6888.0,1.00%,F,T)



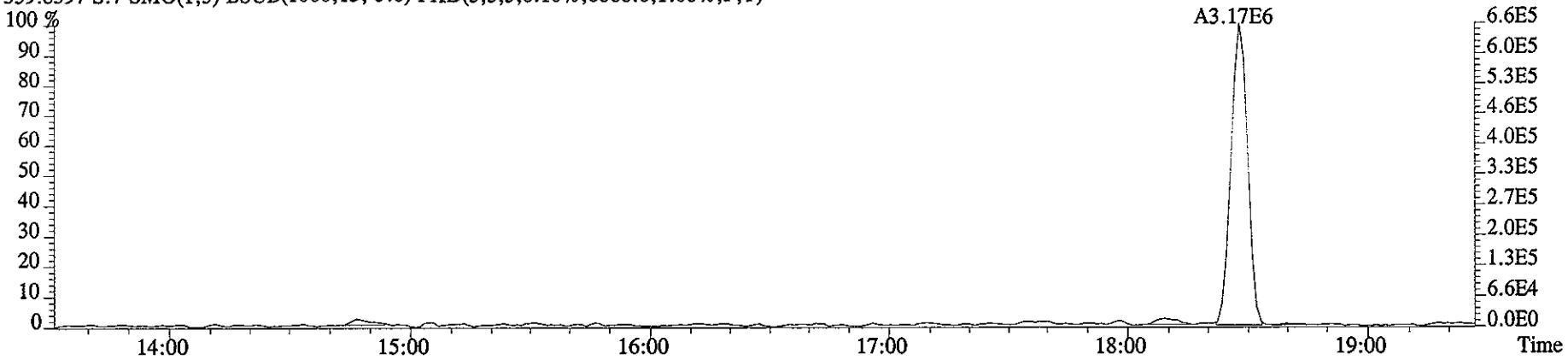
341.8567 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7972.0,1.00%,F,T)



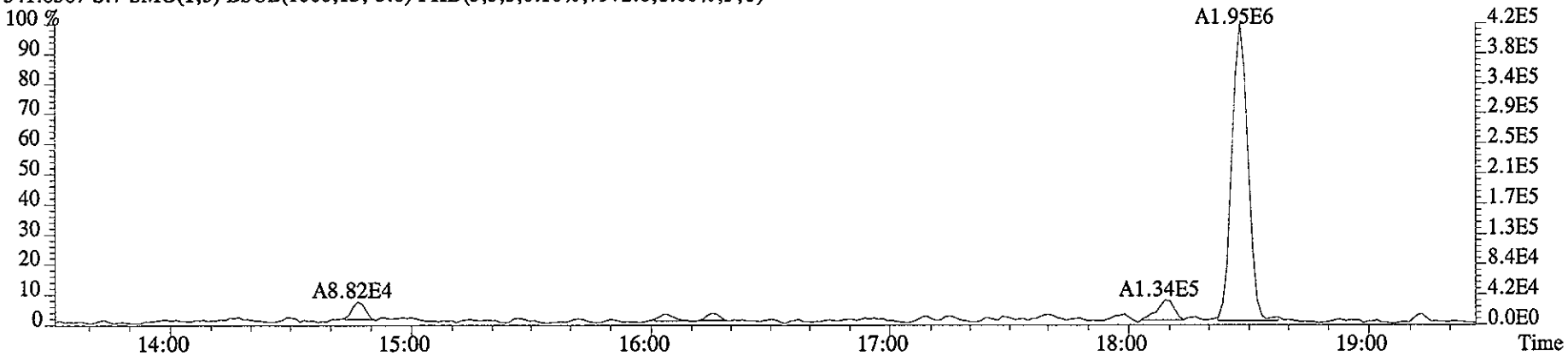
409.7974 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4448.0,1.00%,F,T)



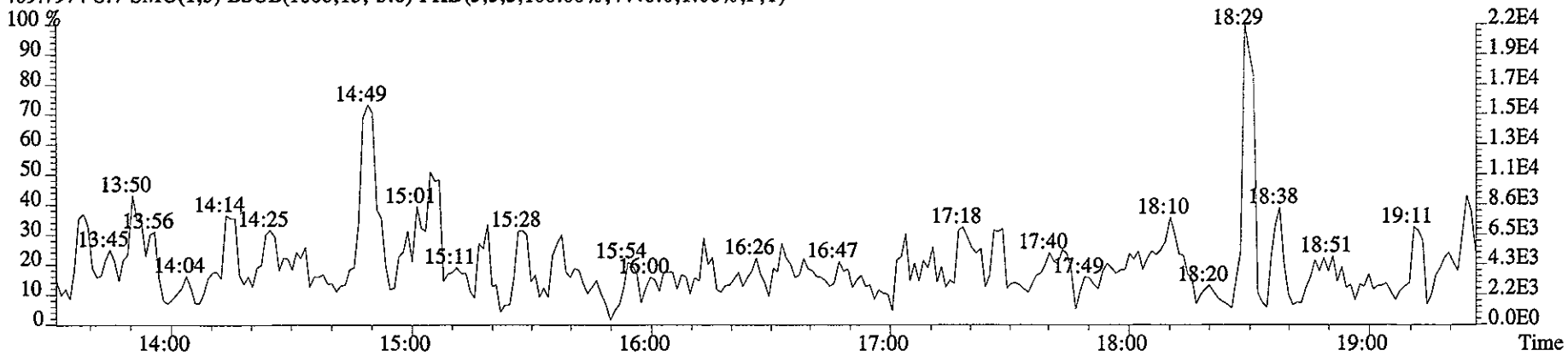
File:10JA061D5 #1-322 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN
339.8597 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6888.0,1.00%,F,T)



341.8567 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7972.0,1.00%,F,T)

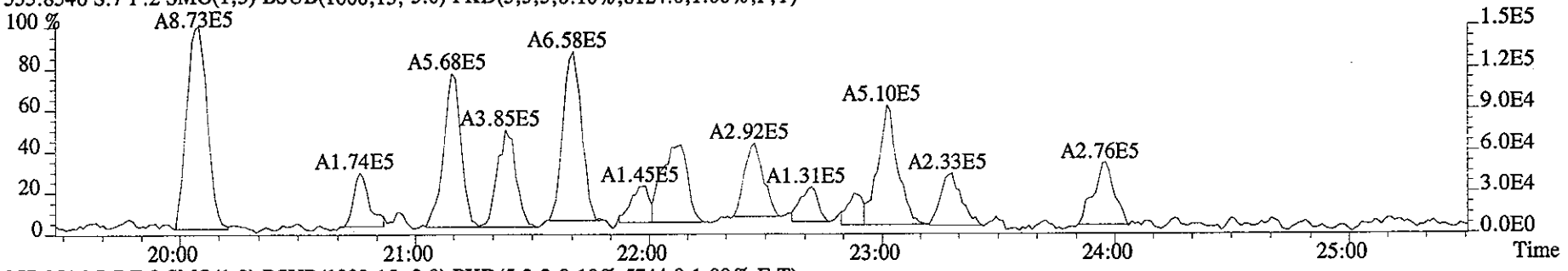


409.7974 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4448.0,1.00%,F,T)

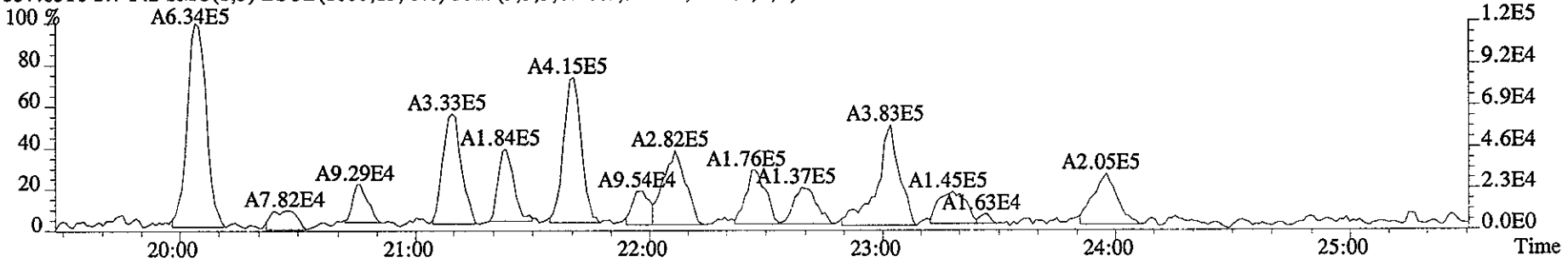


File:10JA061D5 #1-426 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN

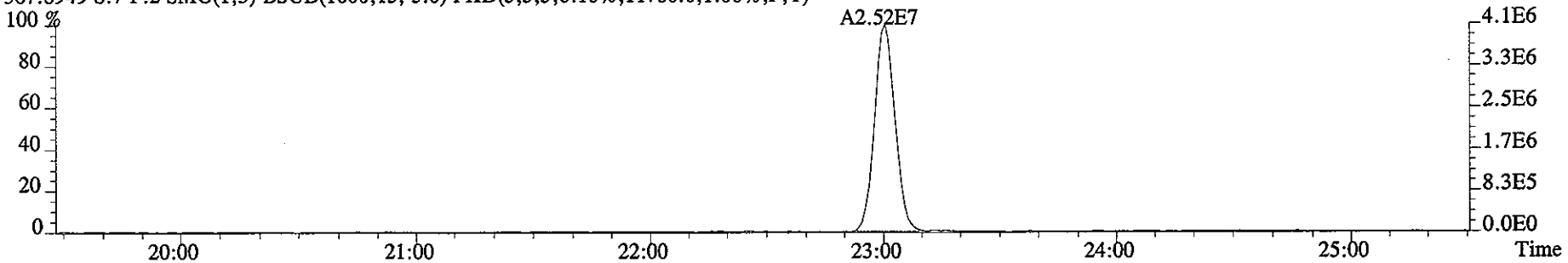
355.8546 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8124.0,1.00%,F,T)



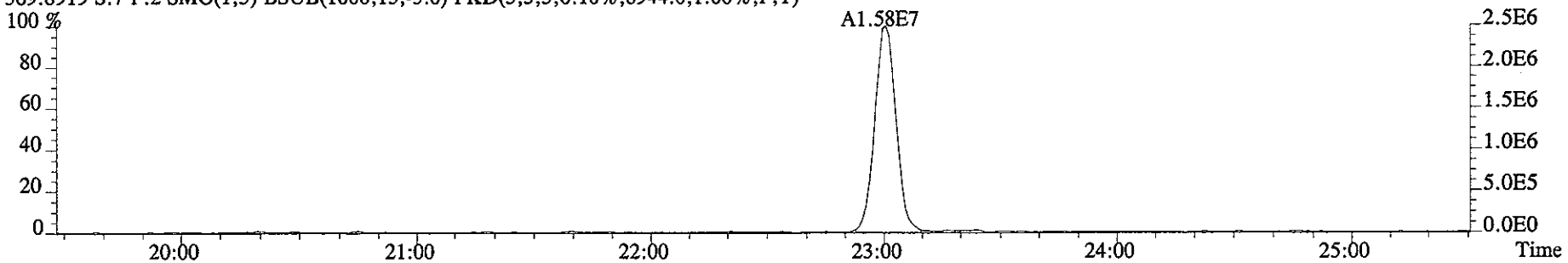
357.8516 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5744.0,1.00%,F,T)



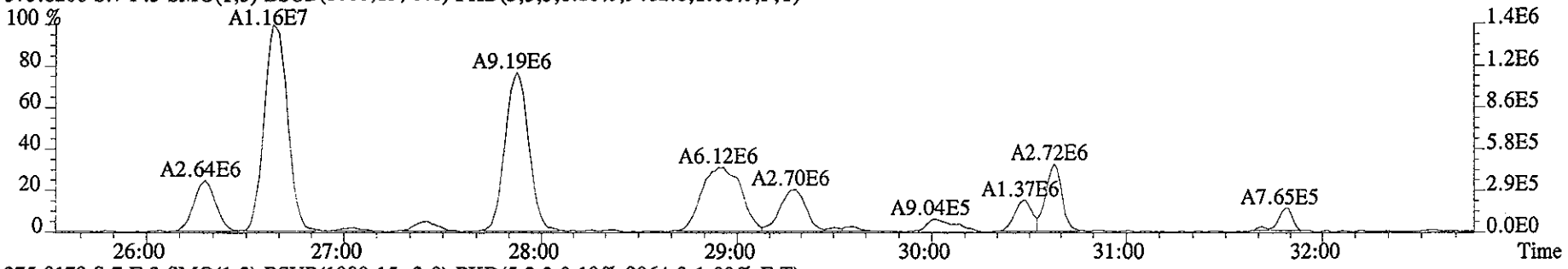
367.8949 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11780.0,1.00%,F,T)



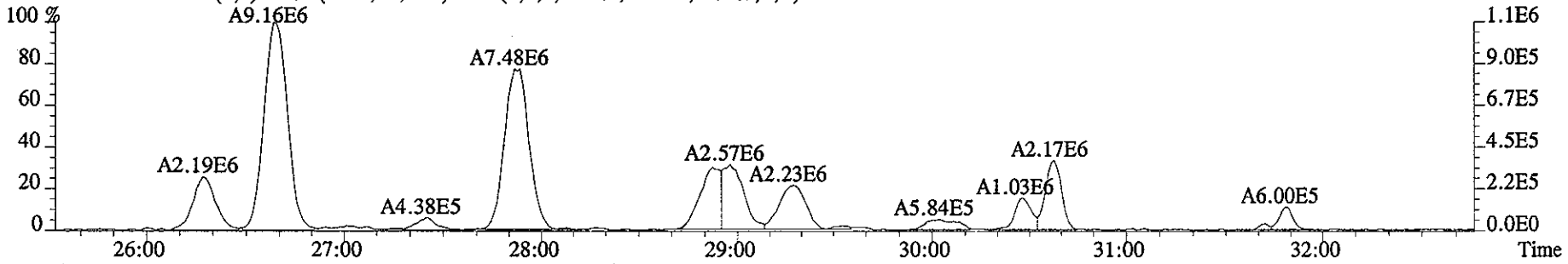
369.8919 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8944.0,1.00%,F,T)



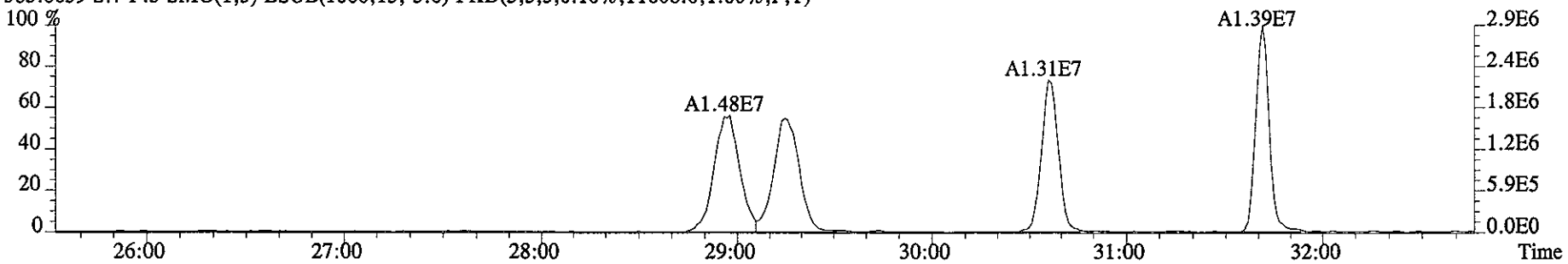
File:10JA061D5 #1-486 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN
373.8208 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9412.0,1.00%,F,T)



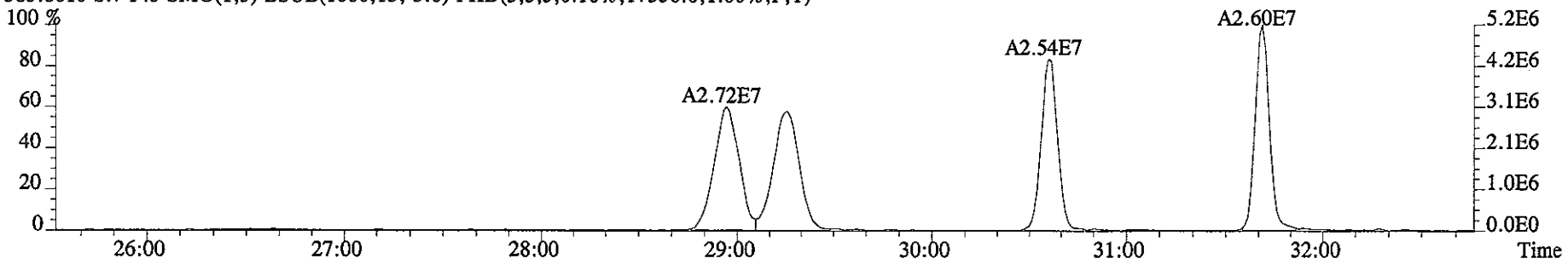
375.8178 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8064.0,1.00%,F,T)



383.8639 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11608.0,1.00%,F,T)



385.8610 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17556.0,1.00%,F,T)

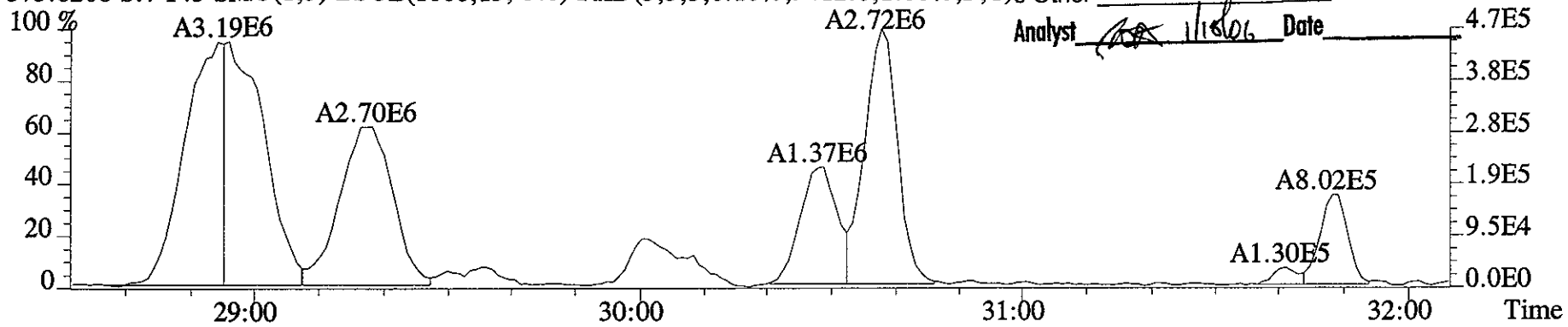


MANUAL EDIT CODES

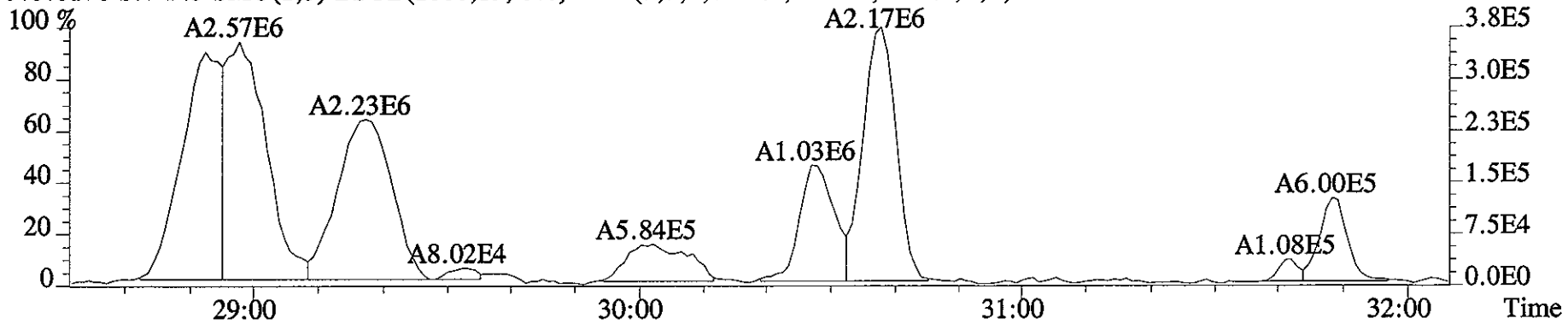
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other

Analyst _____ Date 1/18/06

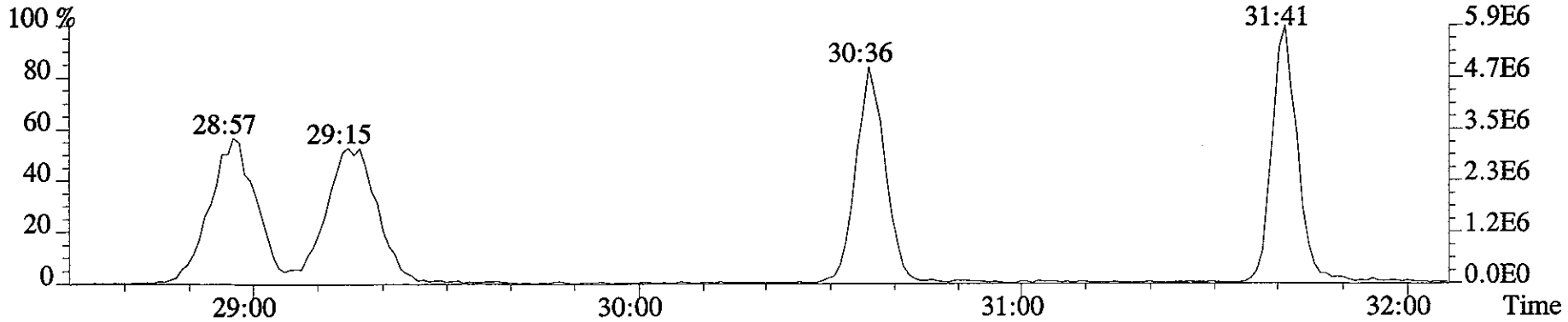
File:10JA061D5 #1-486 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN
373.8208 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9412.0,1.00%,F,T)



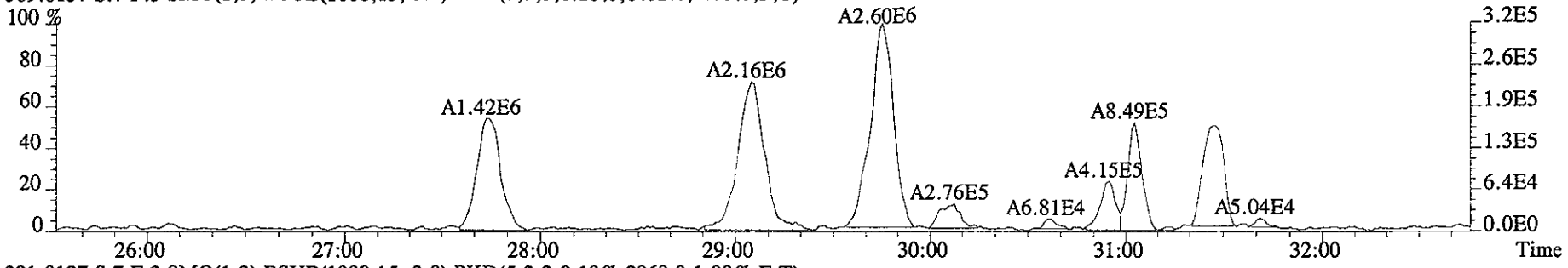
375.8178 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8064.0,1.00%,F,T)

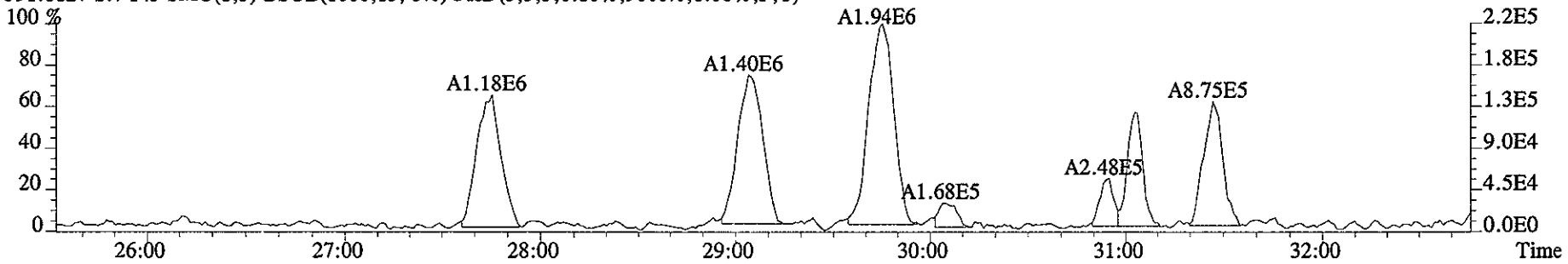


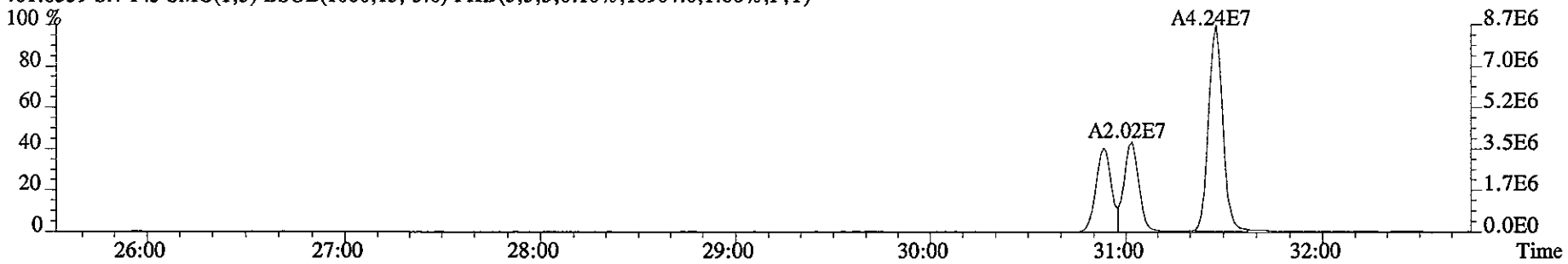
385.8610 S:7 F:3

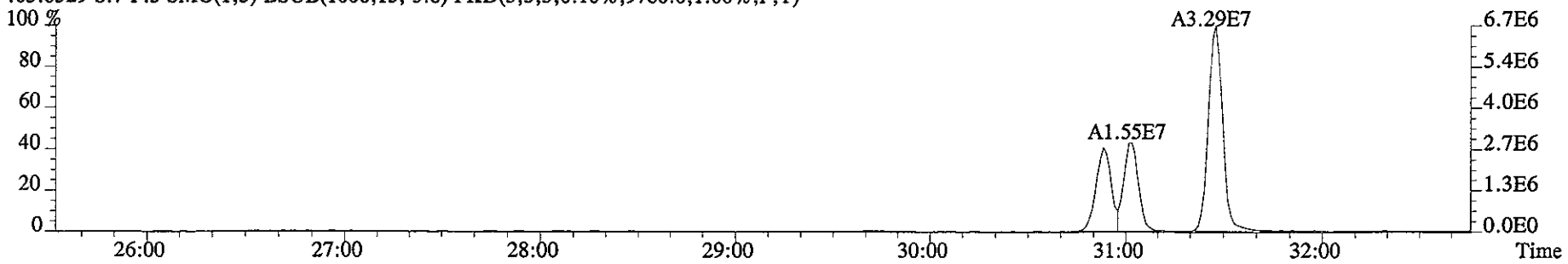


File:10JA061D5 #1-486 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN







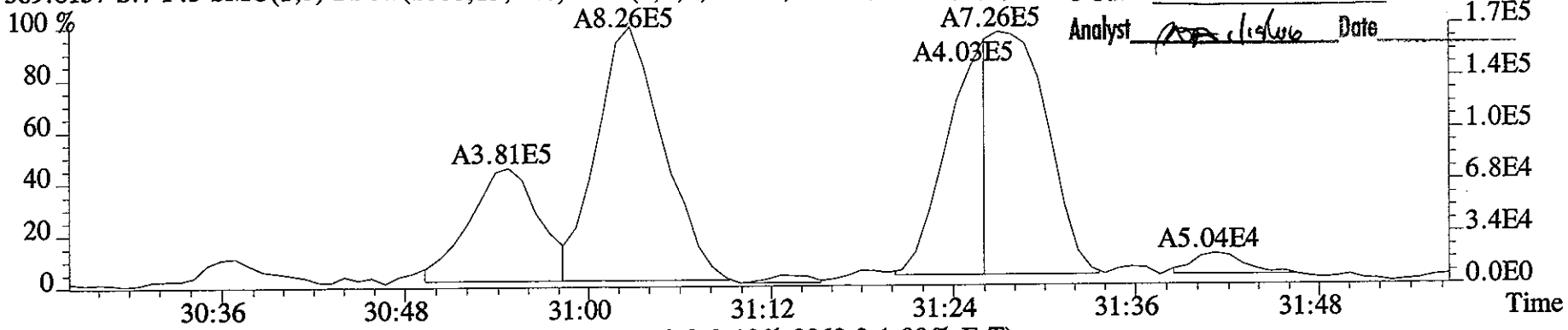


MANUAL EDIT CODES

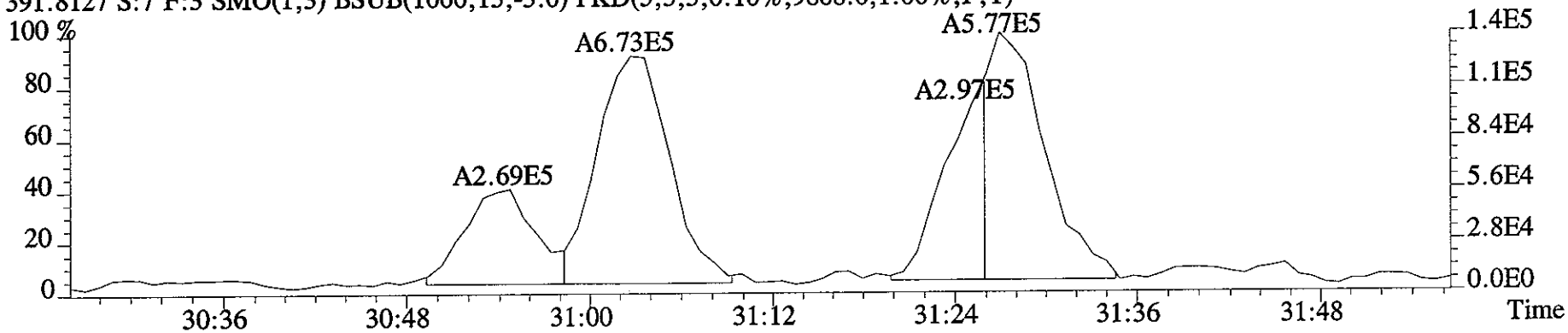
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

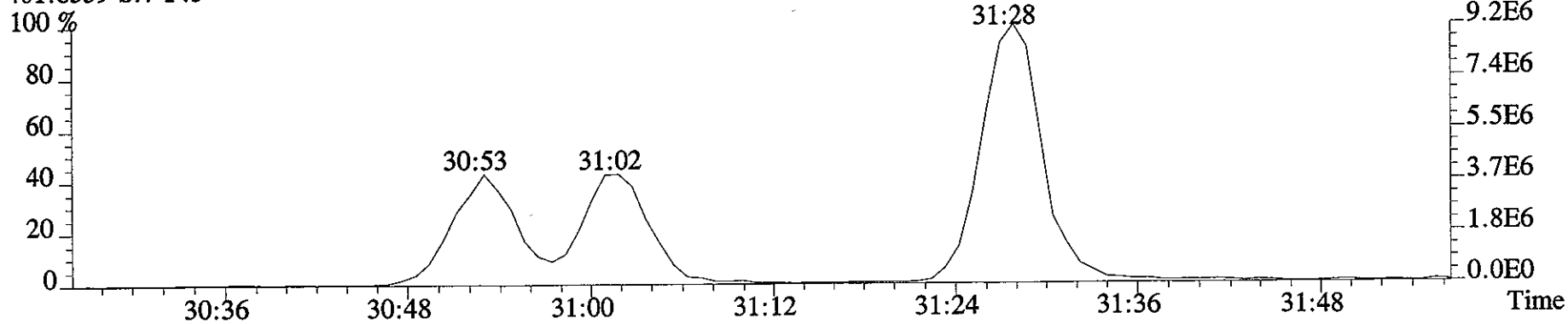
File:10JA061D5 #1-486 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN
389.8157 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6432.0,1.00%,F,T)



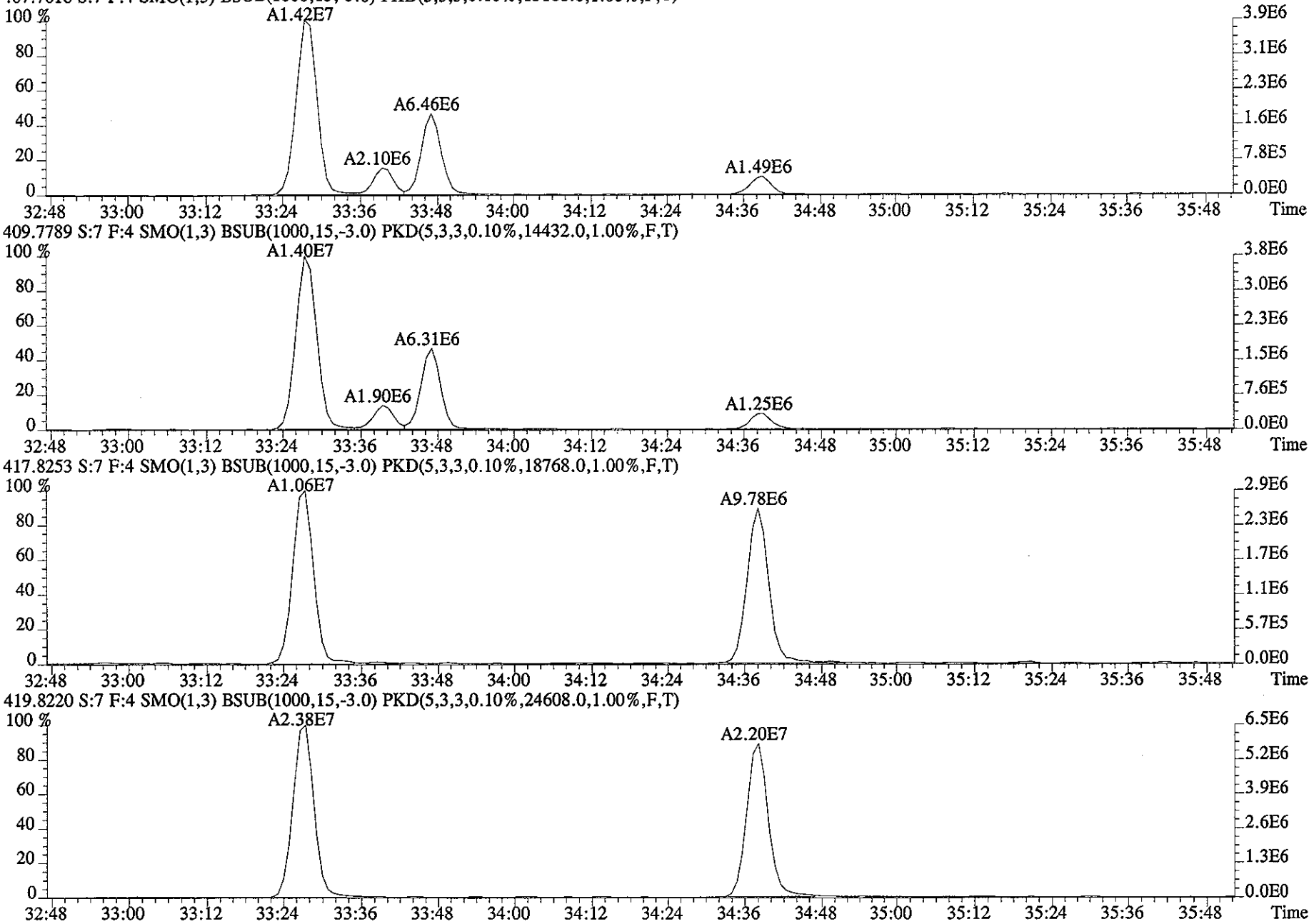
391.8127 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9868.0,1.00%,F,T)



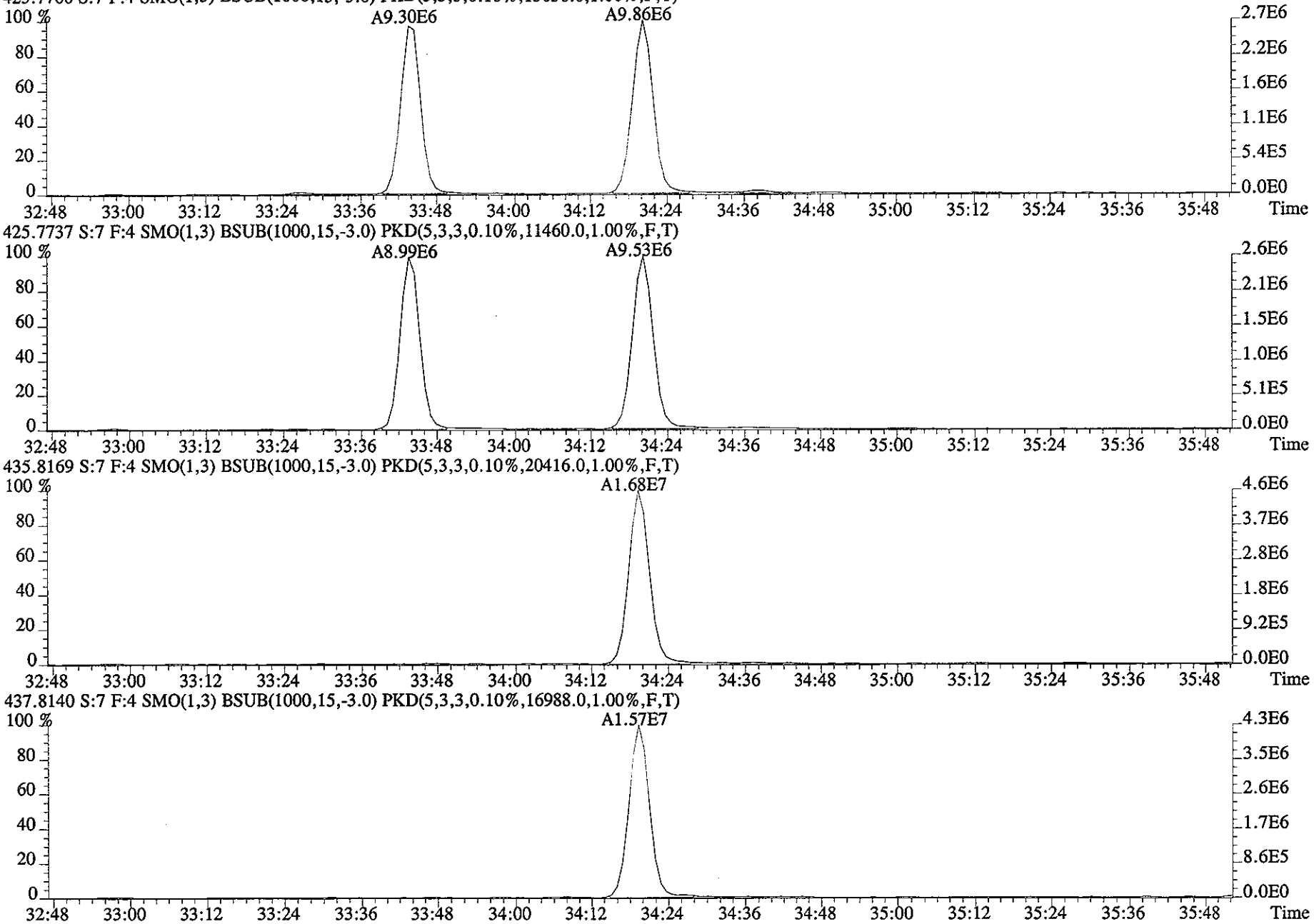
401.8559 S:7 F:3



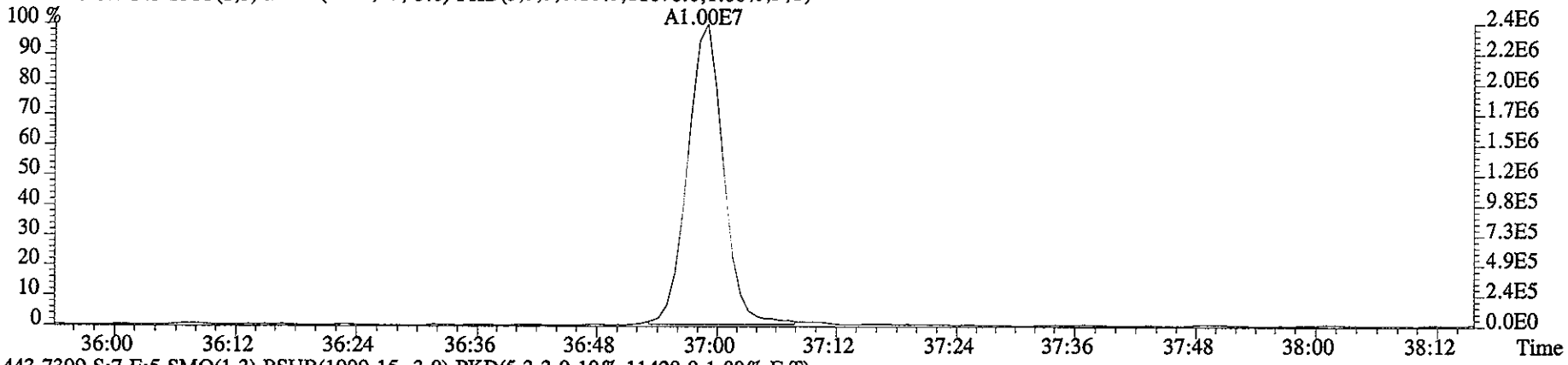
File:10JA061D5 #1-218 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN



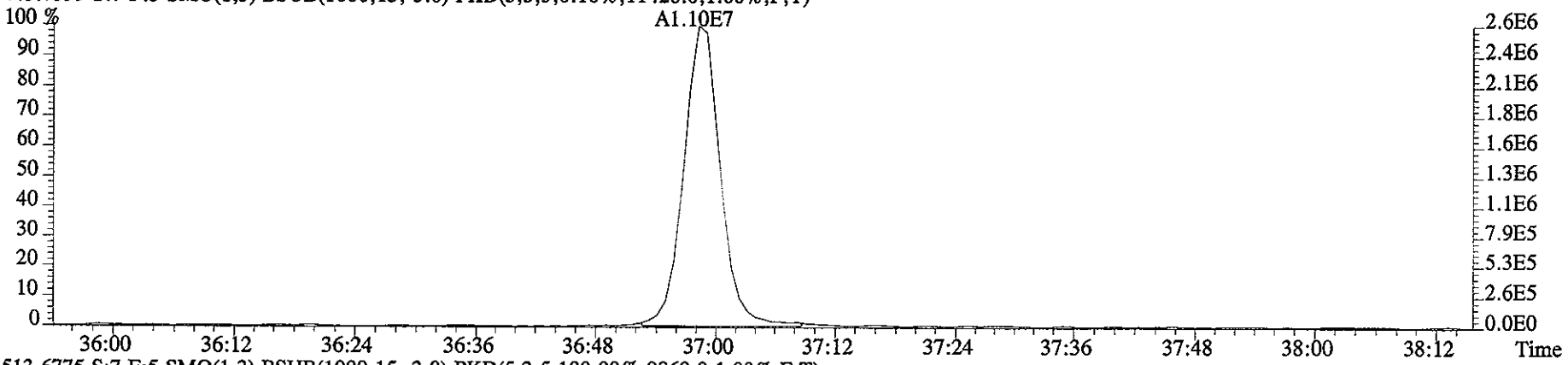
File:10JA061D5 #1-218 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN



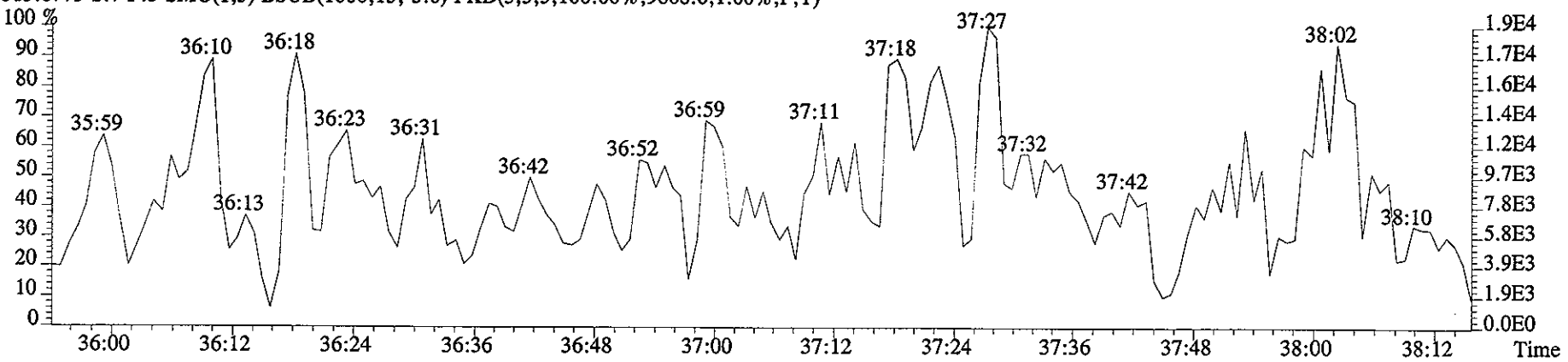
File:10JA061D5 #1-171 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN
441.7428 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11676.0,1.00%,F,T)



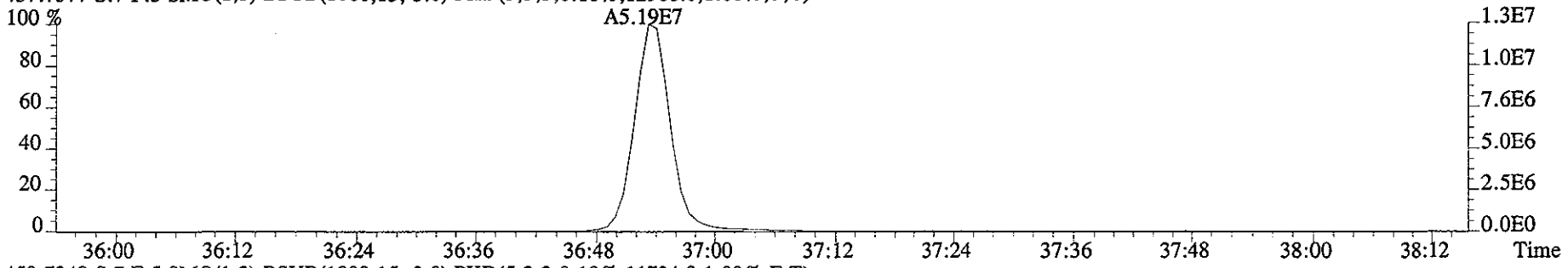
443.7399 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11428.0,1.00%,F,T)



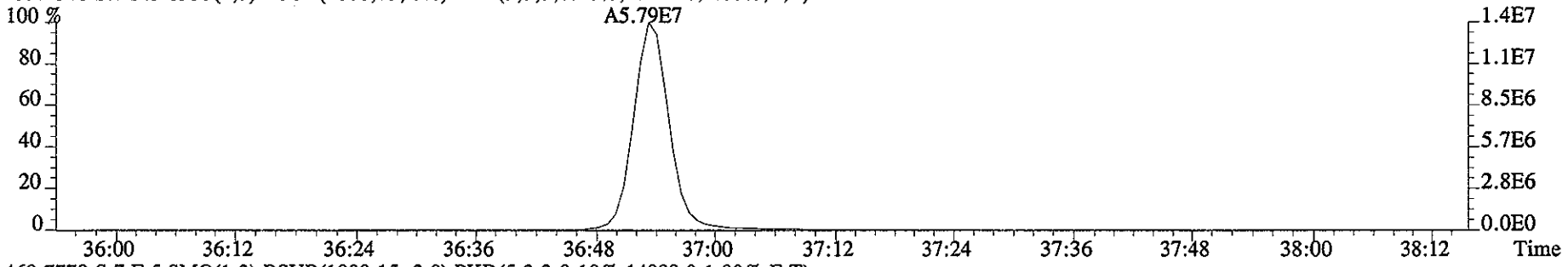
513.6775 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,9868.0,1.00%,F,T)



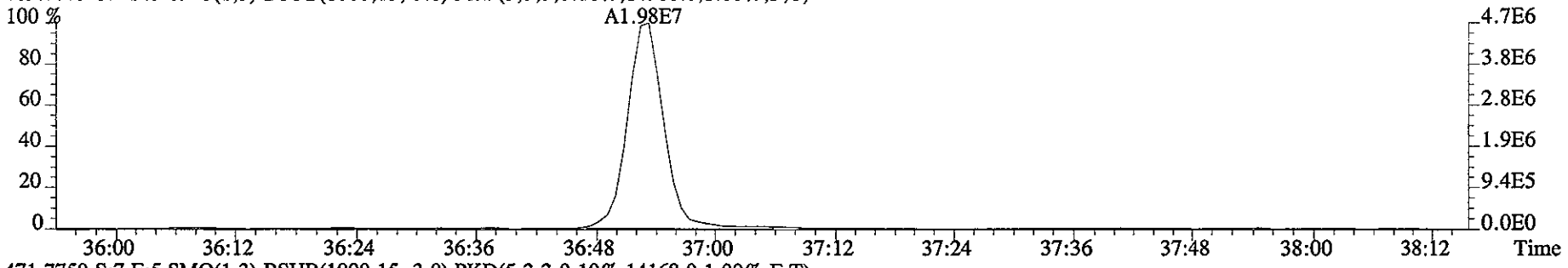
File:10JA061D5 #1-171 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN
457.7377 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12908.0,1.00%,F,T)



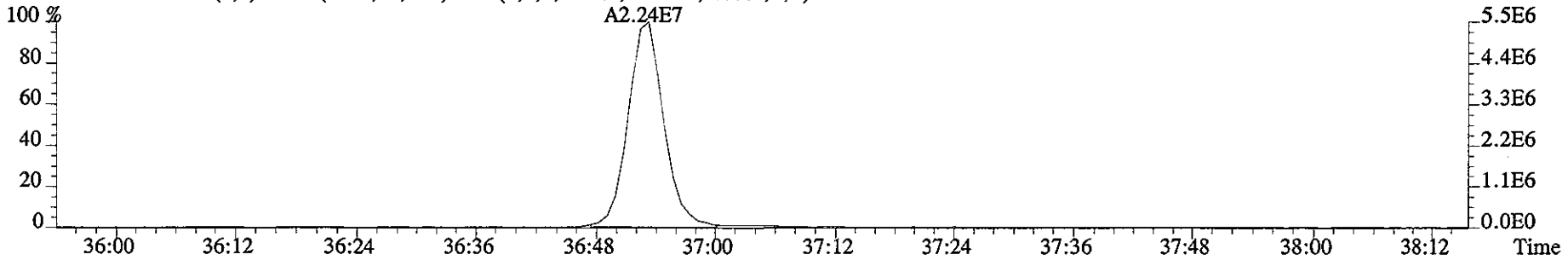
459.7348 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11724.0,1.00%,F,T)



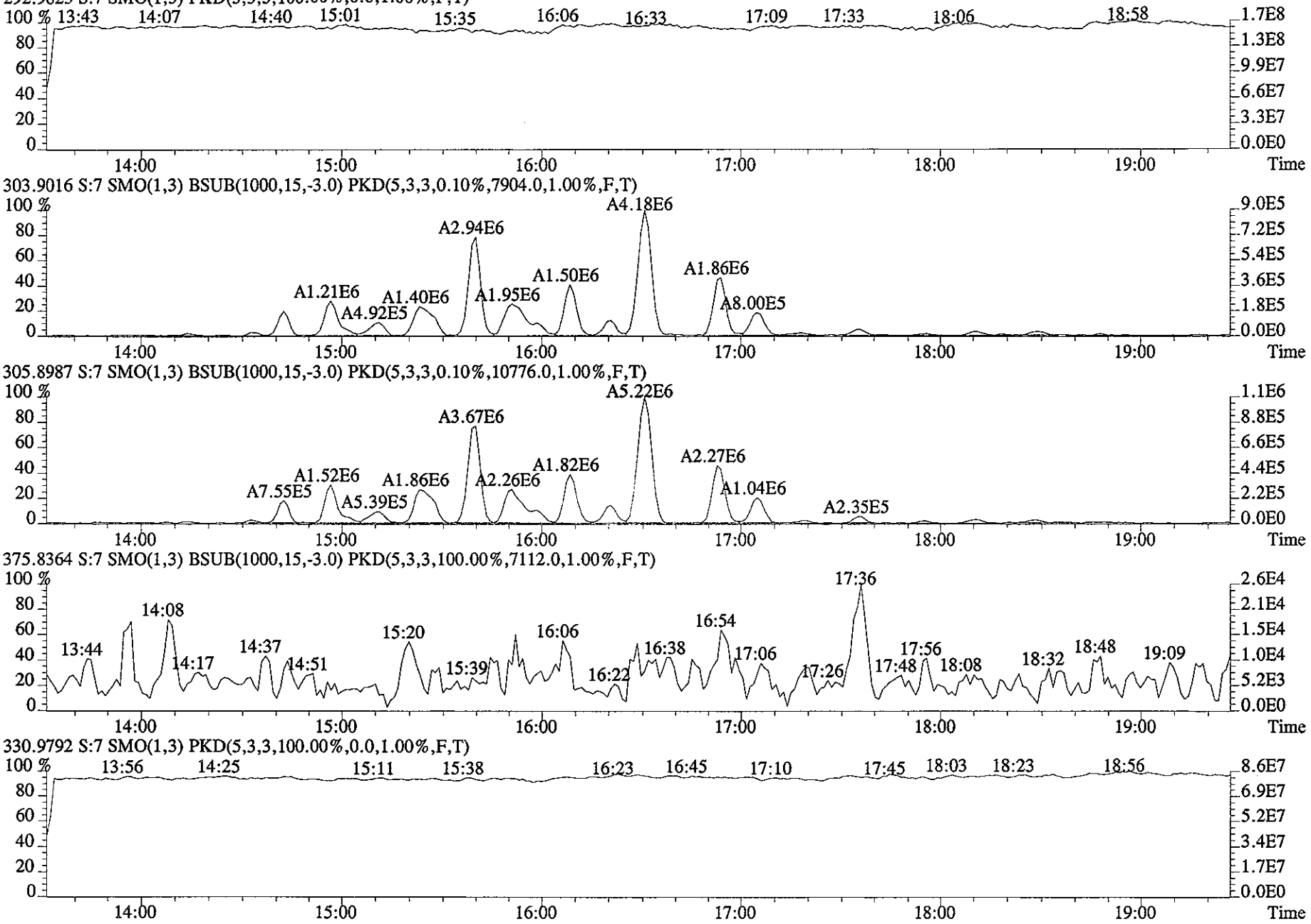
469.7779 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14988.0,1.00%,F,T)



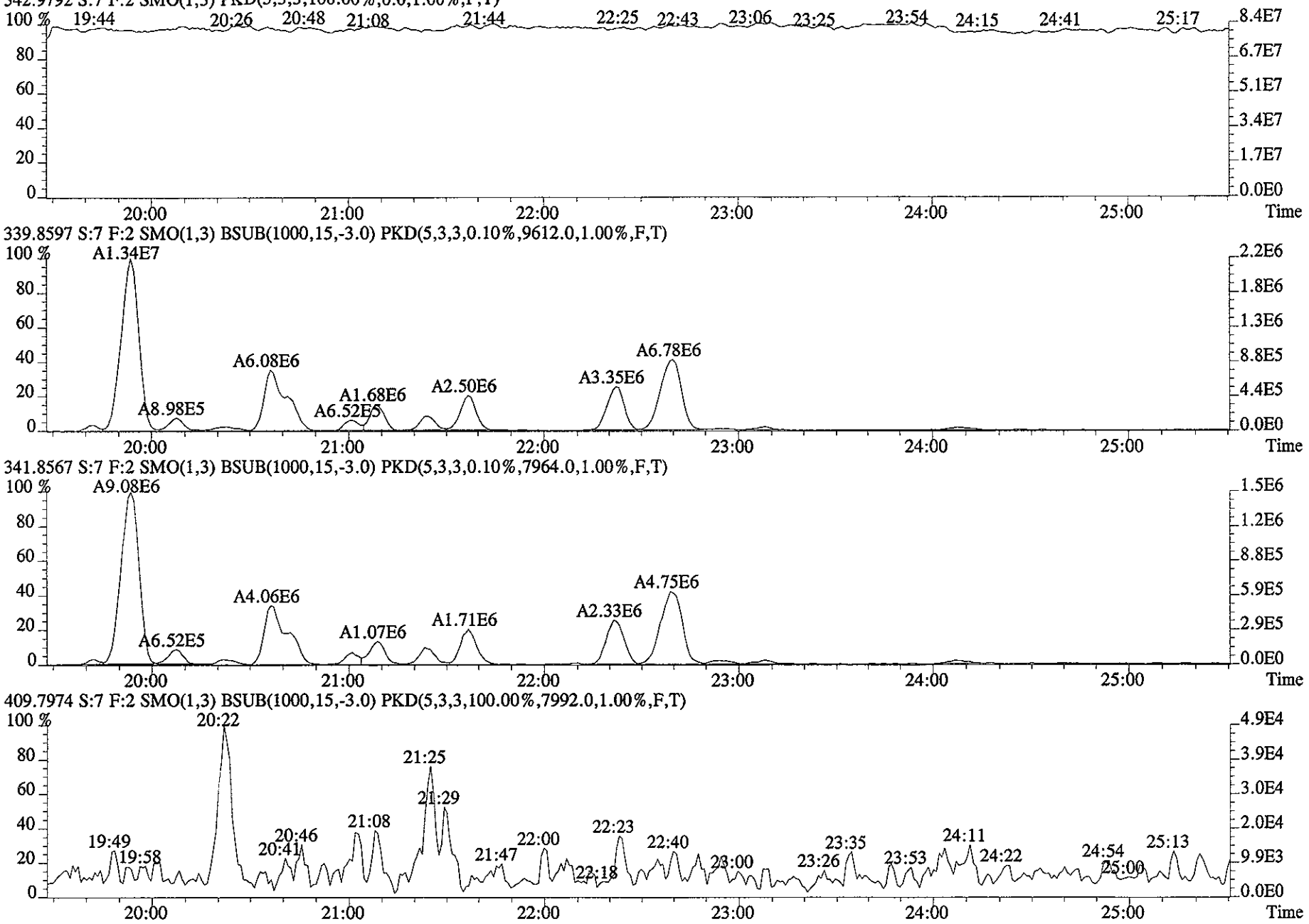
471.7750 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14168.0,1.00%,F,T)



File:10JA061D5 #1-322 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN

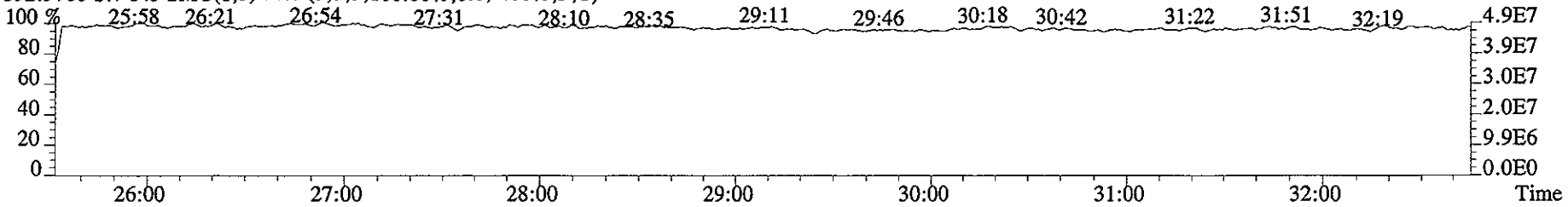


File:10JA061D5 #1-426 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN

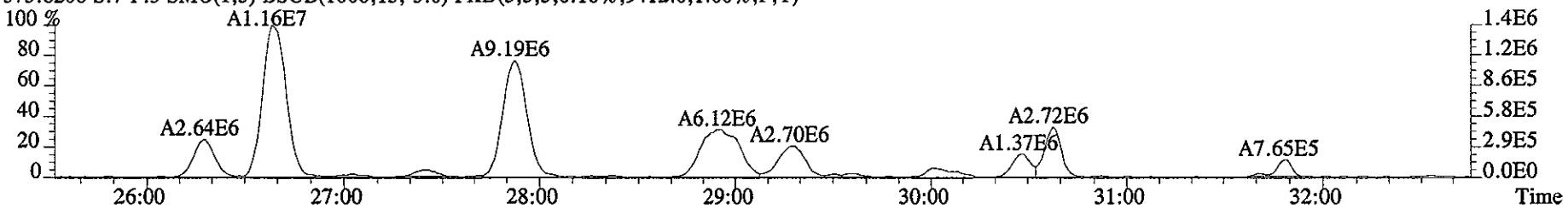


File:10JA061D5 #1-486 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN

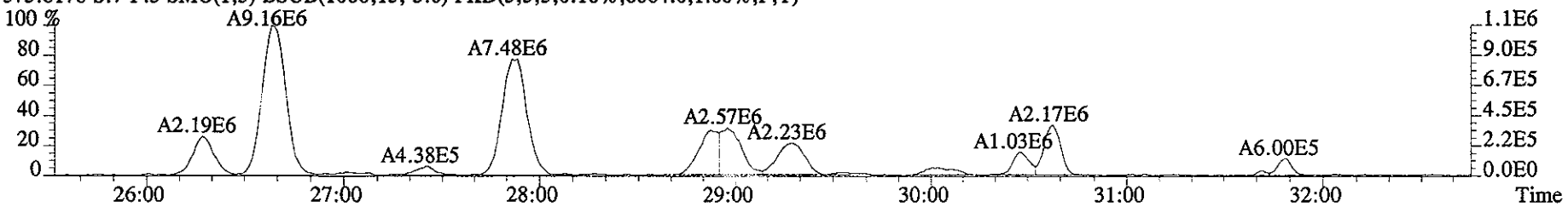
392.9760 S:7 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



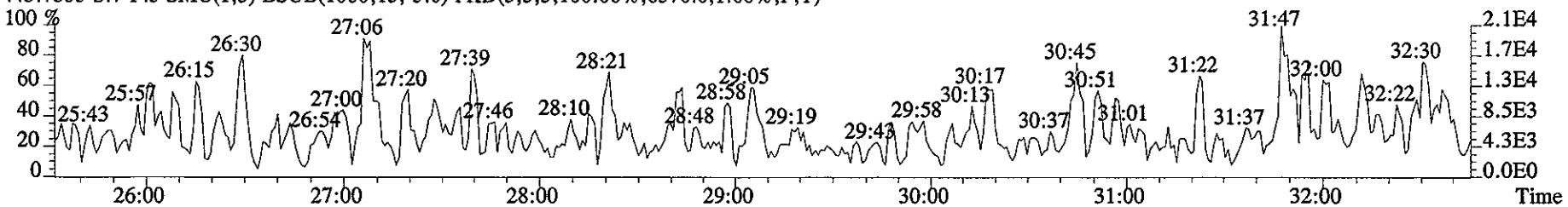
373.8208 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9412.0,1.00%,F,T)



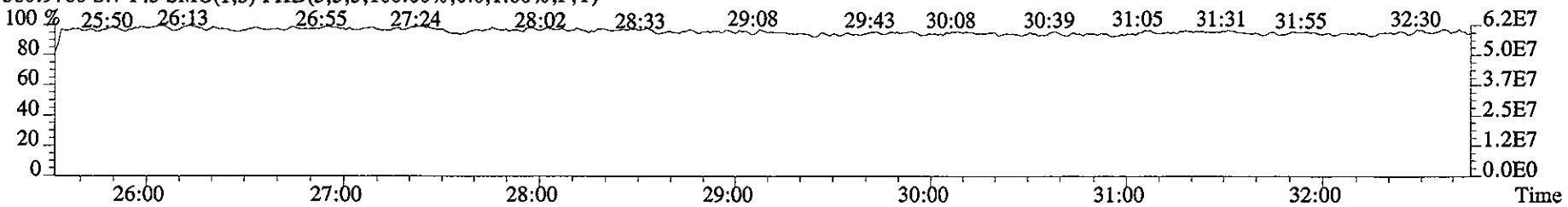
375.8178 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8064.0,1.00%,F,T)



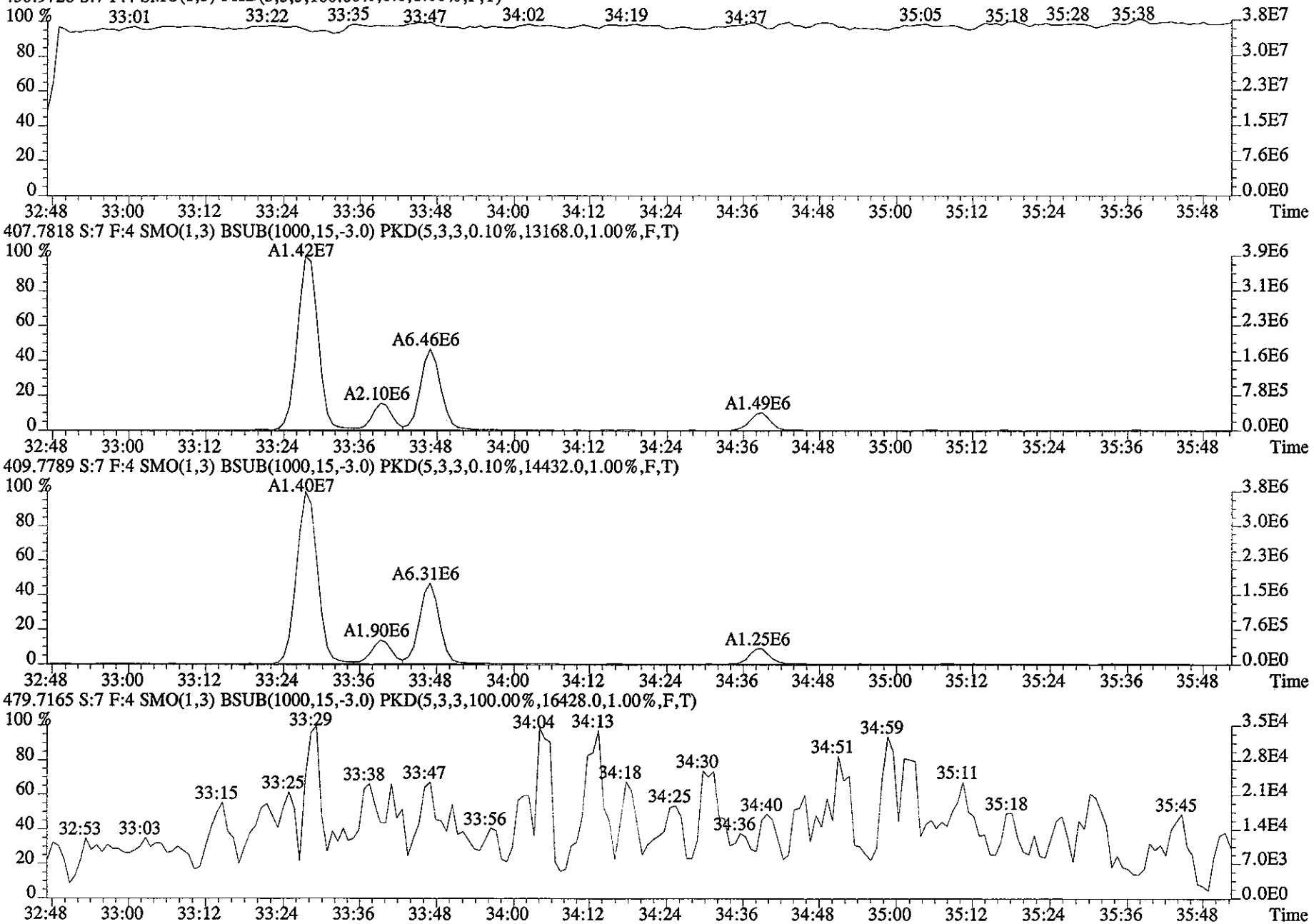
445.7555 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6576.0,1.00%,F,T)



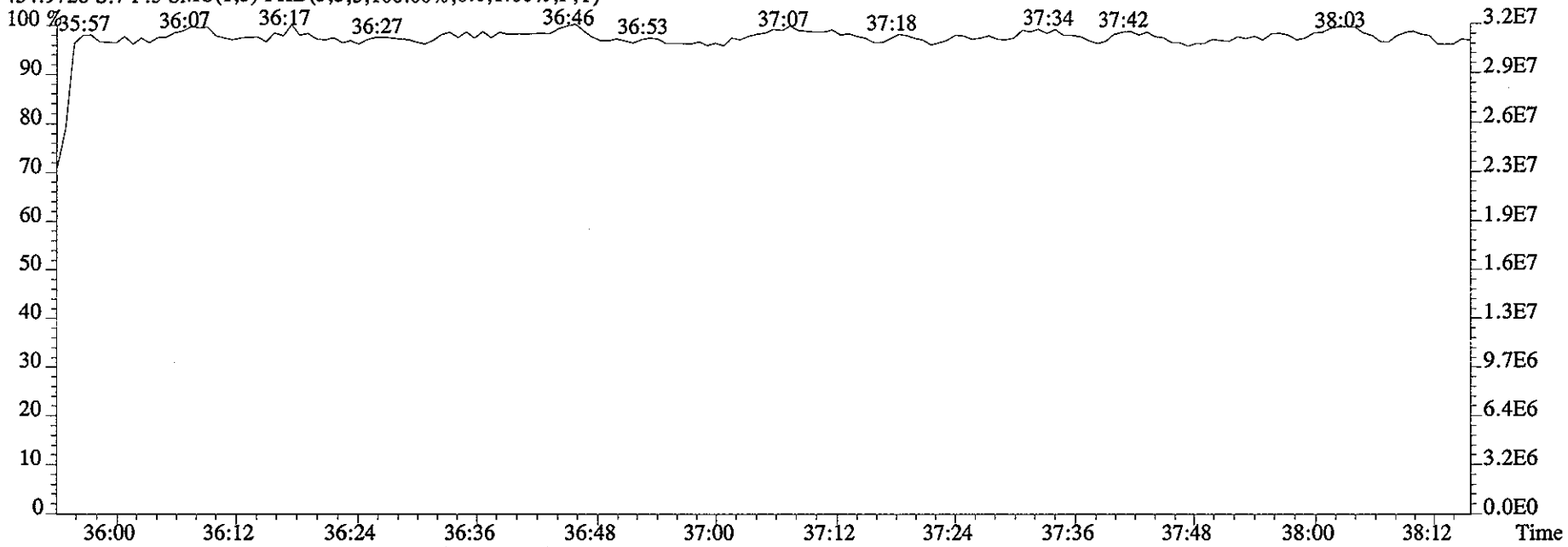
380.9760 S:7 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



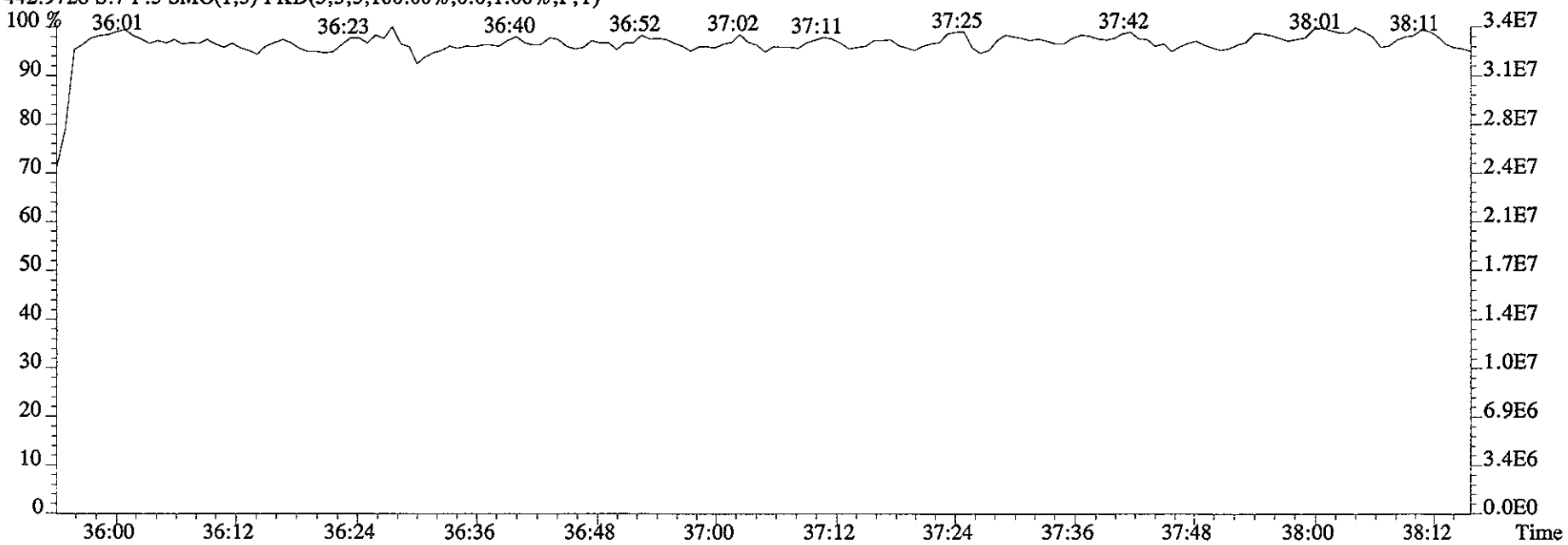
File:10JA061D5 #1-218 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN



File:10JA061D5 #1-171 Acq:10-JAN-2006 13:45:13 GC EI+ Voltage SIR 70SE
Sample#7 Text:HT1WR-1-AC :G5L300272-9 Exp:DIOXIN
454.9728 S:7 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



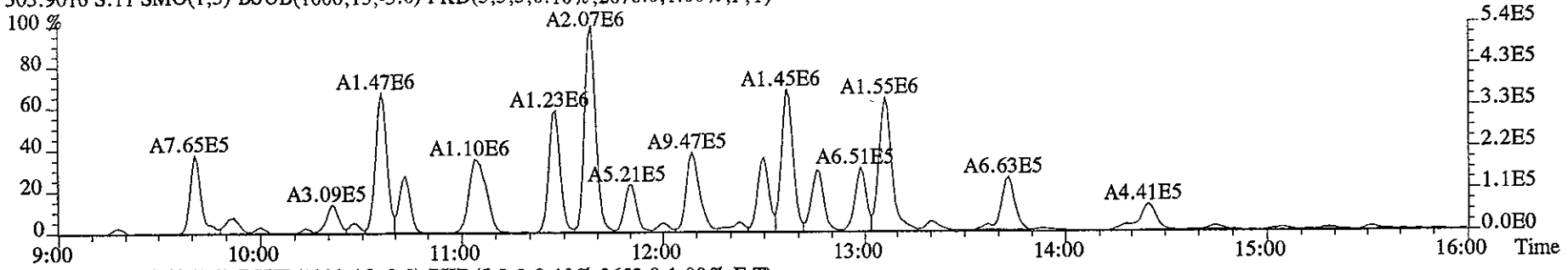
442.9728 S:7 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



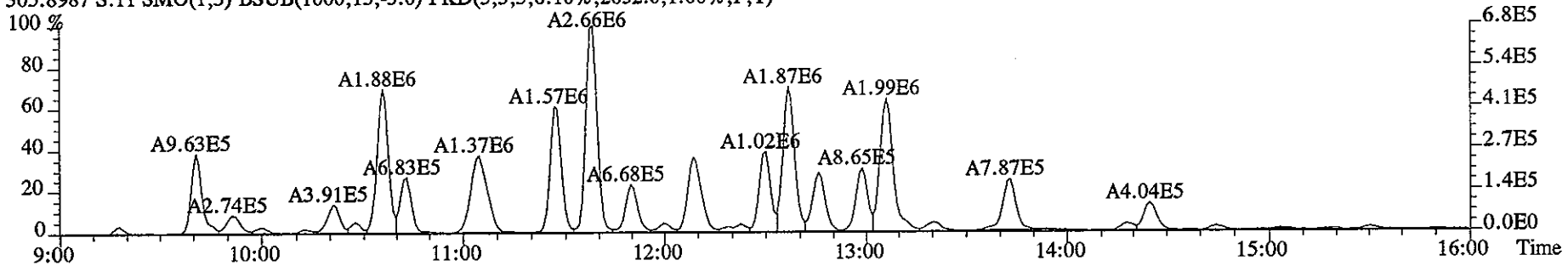
Run text: HT1WR-1-AC Sample text: HT1WR-1-AC :G5L300272-9
Run #14 Filename: 10JA067D2 S: 11 I: 1 Results: 10JA067D2DB225
Acquired: 10-JAN-06 15:49:21 Processed: 11-JAN-06 09:08:07
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000ng

Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	83149600	0.81	y	11:41	-	4.26		-	-	n
13C-2,3,7,8-TCDF	73988400	0.79	y	12:36	1.50	119.03		0.24	59.5	n
2,3,7,8-TCDF	3314380	0.78	y	12:37	0.92	9.75	CCV	0.18	-	n
13C-2,3,7,8-TCDD	37419500	0.81	y	11:29	0.81	111.45		0.29	55.7	n
2,3,7,8-TCDD	358715	0.68	y	11:30	1.23	1.56		0.20	-	n
37Cl-2,3,7,8-TCDD	65849800	1.00	y	11:30	1.96	80.67		0.05	100.8	n

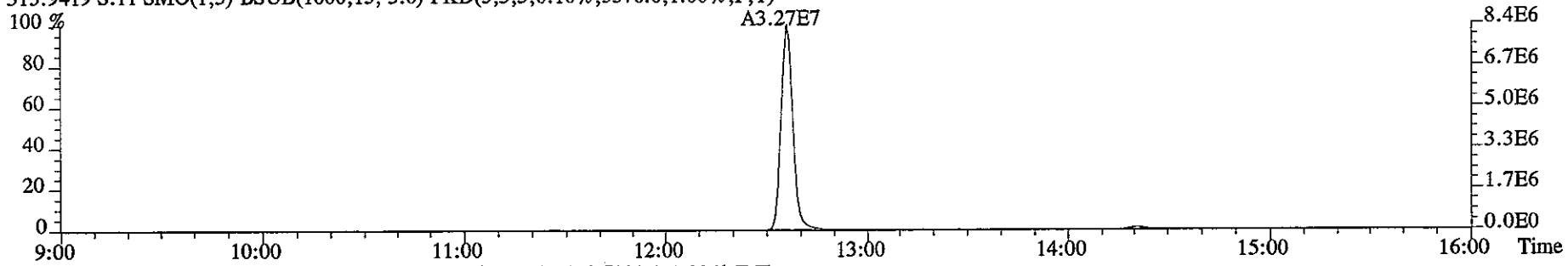
File:10JA067D2 #1-1168 Acq:10-JAN-2006 15:49:21 GC EI+ Voltage SIR 70S
Sample#11 Text:HT1WR-1-AC :G5L300272-9 Exp:DB225
303.9016 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2676.0,1.00%,F,T)



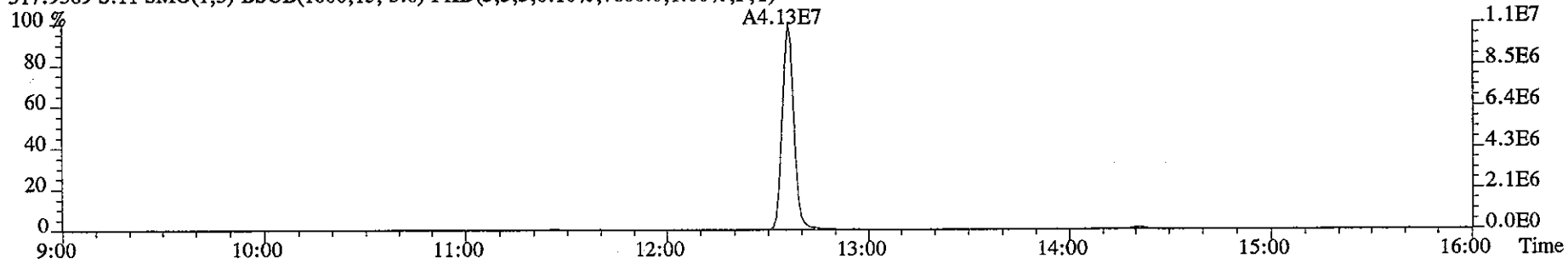
305.8987 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2652.0,1.00%,F,T)



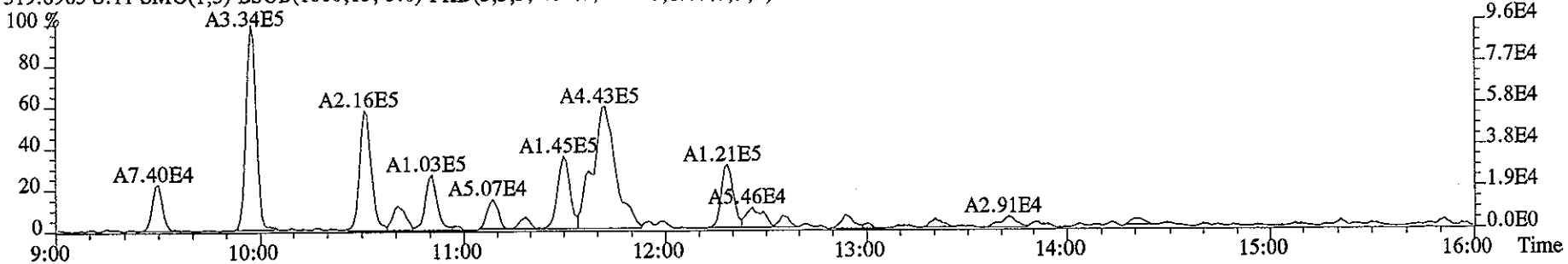
315.9419 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5576.0,1.00%,F,T)



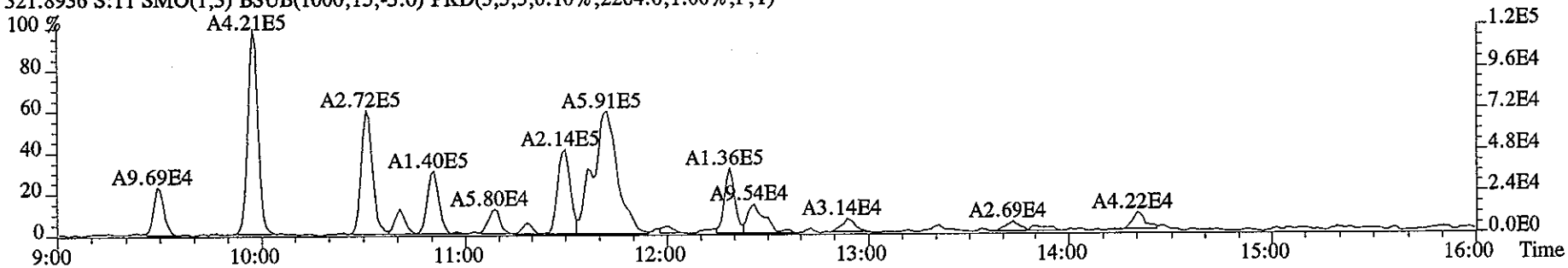
317.9389 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7800.0,1.00%,F,T)



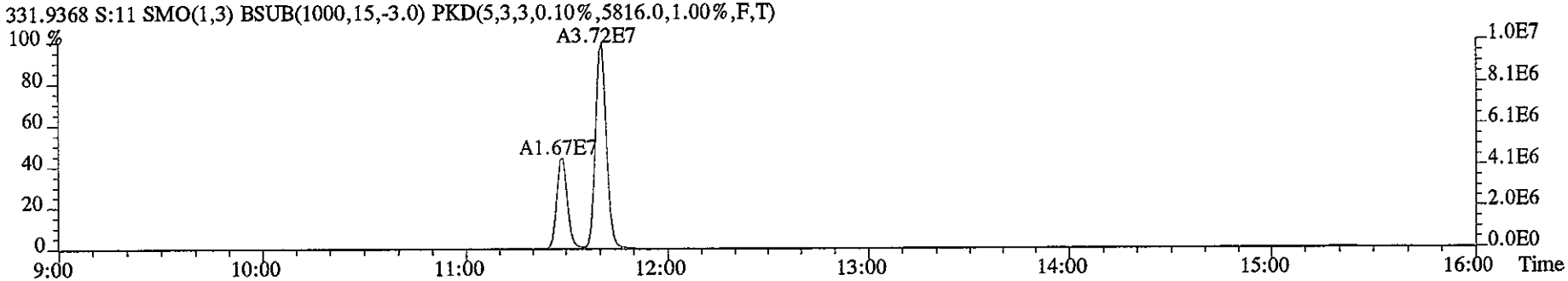
File:10JA067D2 #1-1168 Acq:10-JAN-2006 15:49:21 GC EI+ Voltage SIR 70S
Sample#11 Text:HT1WR-1-AC :G5L300272-9 Exp:DB225
319.8965 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1792.0,1.00%,F,T)



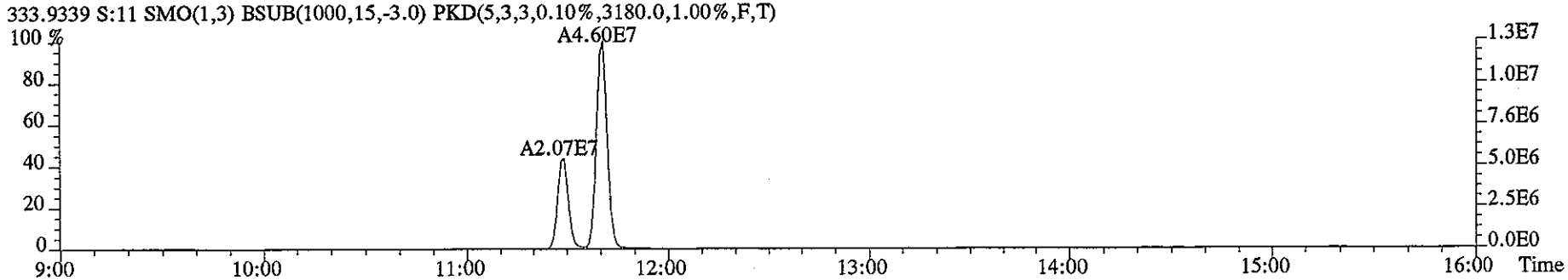
321.8936 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2264.0,1.00%,F,T)



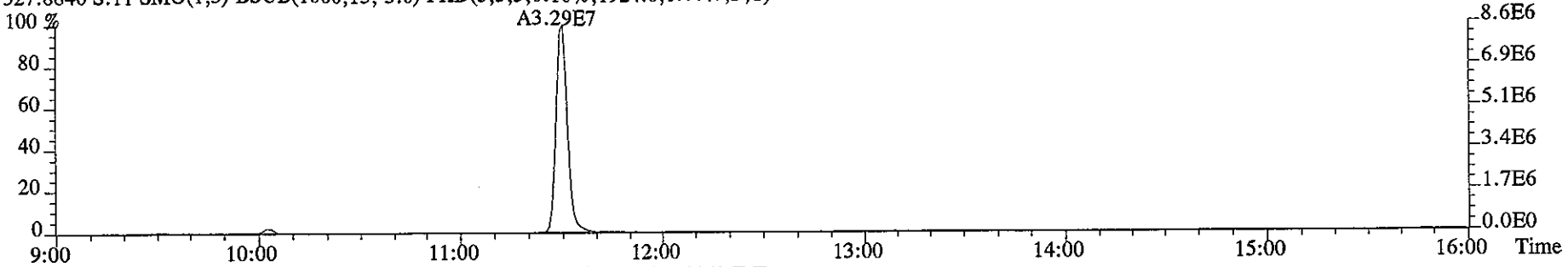
331.9368 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5816.0,1.00%,F,T)



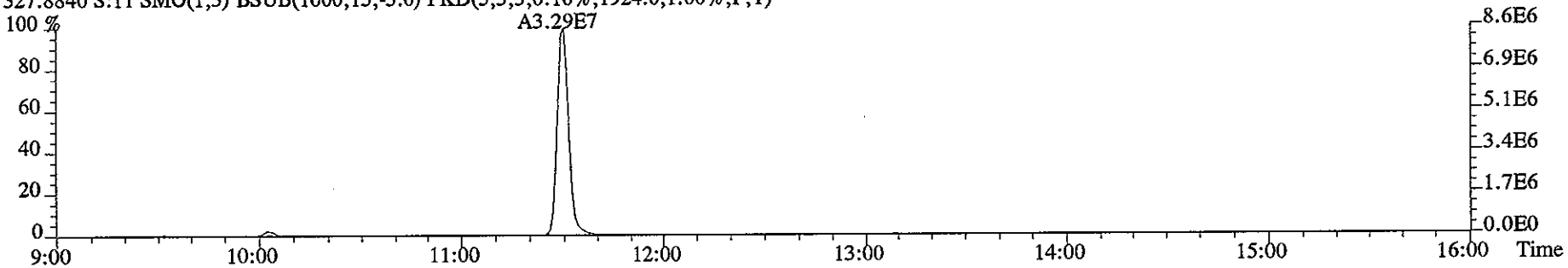
333.9339 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3180.0,1.00%,F,T)



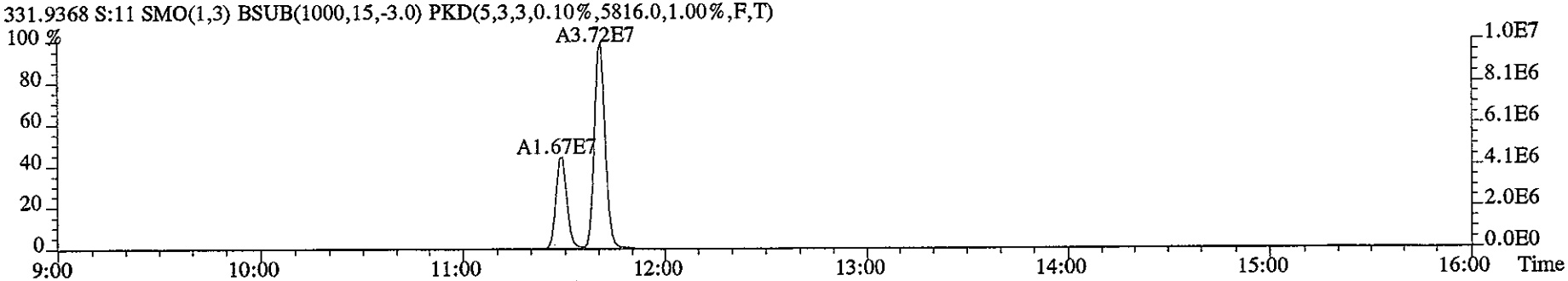
File:10JA067D2 #1-1168 Acq:10-JAN-2006 15:49:21 GC EI+ Voltage SIR 70S
Sample#11 Text:HT1WR-1-AC :G5L300272-9 Exp:DB225
327.8840 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1924.0,1.00%,F,T)



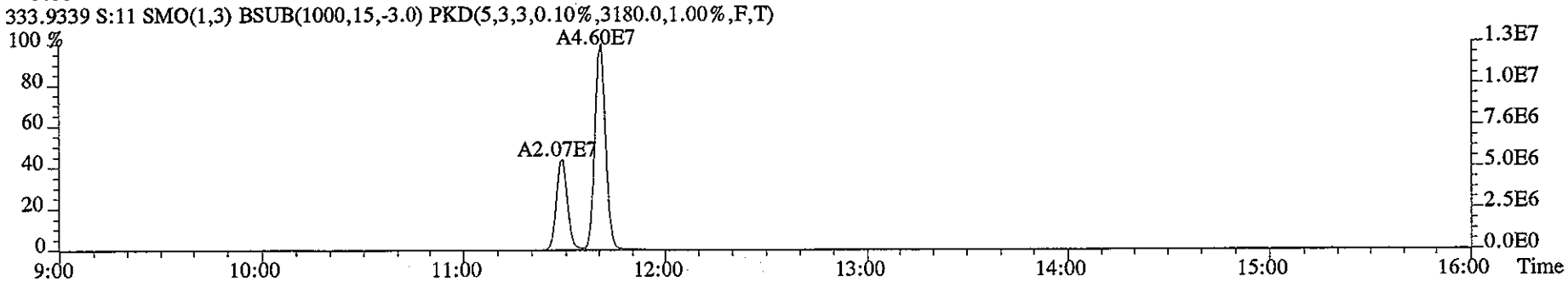
327.8840 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1924.0,1.00%,F,T)



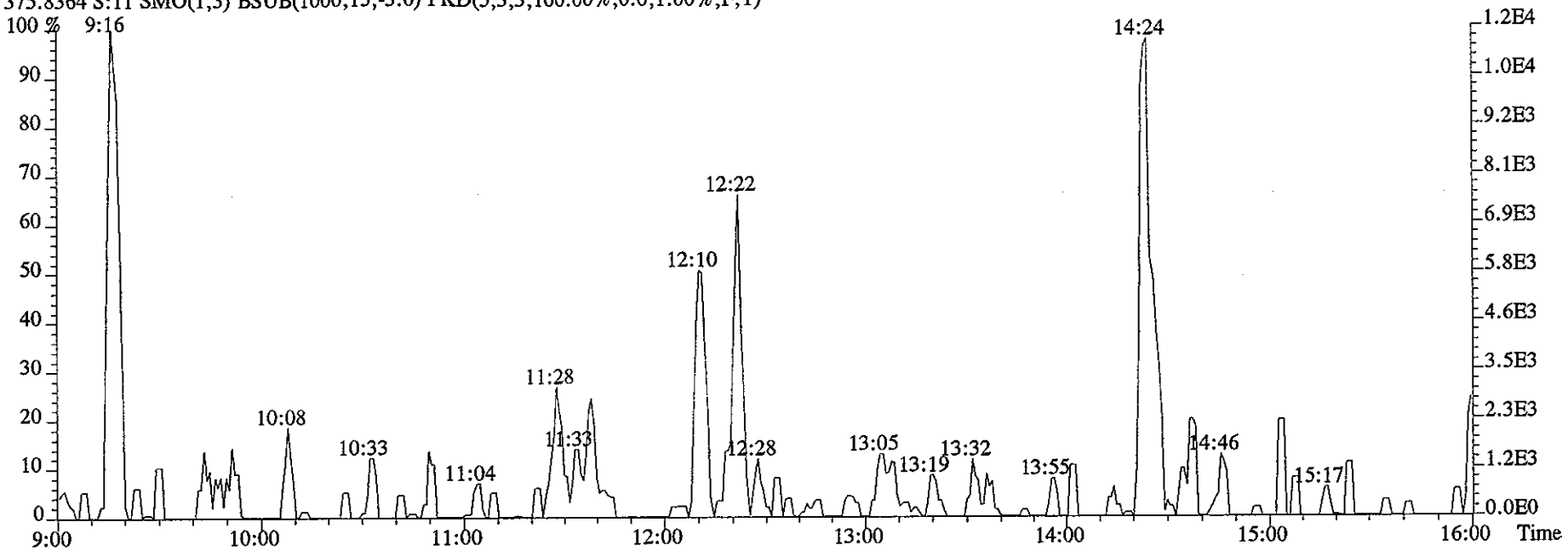
331.9368 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5816.0,1.00%,F,T)



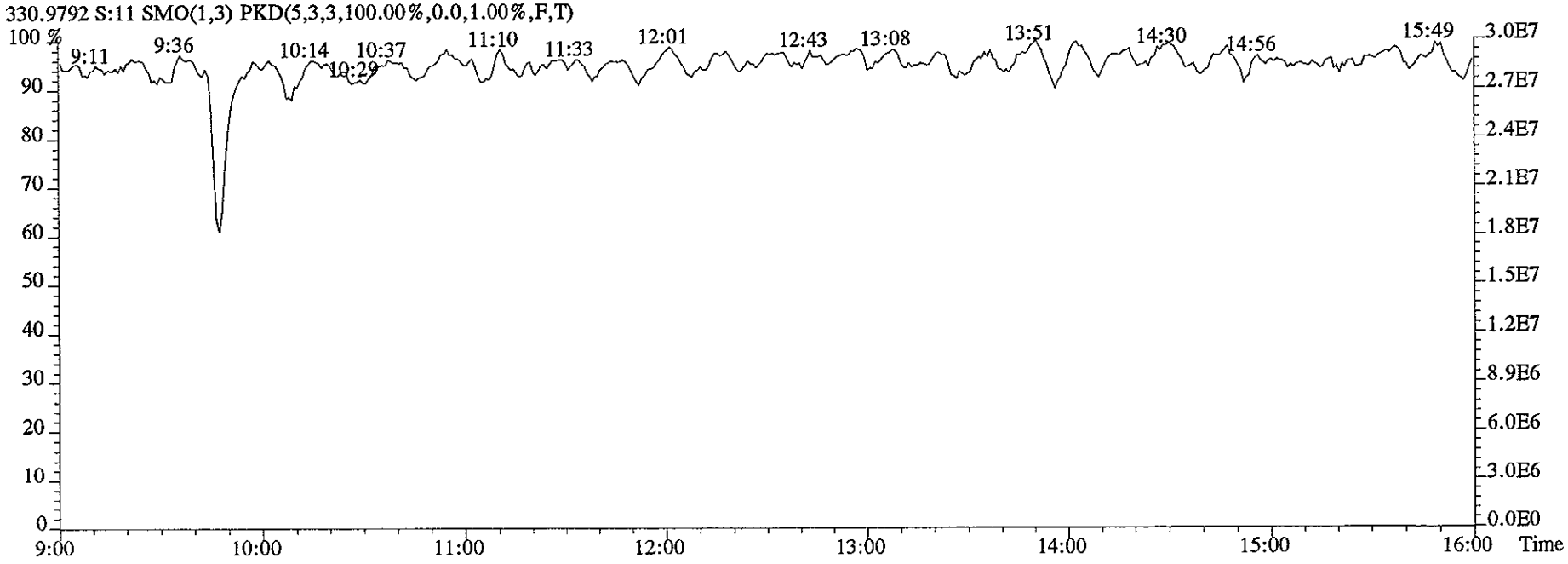
333.9339 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3180.0,1.00%,F,T)



File:10JA067D2 #1-1168 Acq:10-JAN-2006 15:49:21 GC EI+ Voltage SIR 70S
Sample#11 Text:HT1WR-1-AC :G5L300272-9 Exp:DB225
375.8364 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



330.9792 S:11 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10
Run #11 Filename: 10JA061D5 S: 8 I: 1 Results: 10ja061d58290w
Acquired: 10-JAN-06 14:26:53 Processed: 10-JAN-06 16:04:24
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	78164100	0.79	y	16:55	-	7.47	-	-	n
13C-2,3,7,8-TCDF	86725200	0.78	y	16:25	1.68	131.87	0.41	65.9	n
2,3,7,8-TCDF	189330400	0.77	y	16:27	1.16	375.49 See DB225	0.55	-	n
Total TCDF	876798828	0.84	y	14:09	1.16	~~1738.92~~ 1692.16	0.55	-	n
13C-2,3,7,8-TCDD	50751900	0.78	y	17:05	0.90	144.91	1.02	72.5	n
2,3,7,8-TCDD	4555970	0.82	y	17:06	1.32	13.58	0.70	-	y
Total TCDD	89533376	0.74	y	15:01	1.32	266.82 ✓	0.70	-	y
37Cl-2,3,7,8-TCDD	53602600	1.00	y	17:06	2.44	56.11	0.38	70.1	n
13C-1,2,3,7,8-PeCDF	77283500	1.58	y	21:05	1.54	128.00	0.44	64.0	n
1,2,3,7,8-PeCDF	57355600	1.56	y	21:07	1.00	147.79	2.21	-	n
2,3,4,7,8-PeCDF	107725100	1.54	y	22:20	1.05	265.83	2.11	-	n
Total F2 PeCDF	1220885760	1.48	y	19:40	1.03	~~3075.29~~	2.16	-	n
Total F1 PeCDF	135953707	1.78	y	17:34	1.03	~~342.74~~ 3339.48	0.61	-	n
13C-1,2,3,7,8-PeCDD	51959000	1.63	y	23:00	0.91	145.47	0.69	72.7	n
1,2,3,7,8-PeCDD	12401050	1.63	y	23:01	1.04	45.75	0.89	-	n
Total PeCDD	148372515	1.49	y	20:03	1.04	547.~~35~~13	0.89	-	n
13C-1,2,3,7,8,9-HxCDD	69047900	1.27	y	31:28	-	7.17	-	-	n
13C-1,2,3,4,7,8-HxCDF	60510700	0.53	y	28:57	1.38	126.73	0.96	63.4	n
1,2,3,4,7,8-HxCDF	96566200	1.29	y	28:57	1.11	287.40	2.48	-	y
1,2,3,6,7,8-HxCDF	89498700	1.23	y	29:17	1.14	259.48	2.42	-	n
2,3,4,6,7,8-HxCDF	94328800	1.25	y	30:38	1.06	293.01	2.59	-	n
1,2,3,7,8,9-HxCDF	3940140	1.18	y	31:42	~~1.02~~ 0.82	~~12.79~~ 15.91	2.71	-	n
Total HxCDF	1059089020	1.26	y	26:17	1.08	~~3216.58~~ 3219.70	2.54	-	y
13C-1,2,3,6,7,8-HxCDD	49267700	1.27	y	31:02	0.96	149.02	0.74	74.5	n
1,2,3,4,7,8-HxCDD	8417600	1.17	y	30:55	0.95	35.83	1.16	-	n
1,2,3,6,7,8-HxCDD	16433490	1.27	y	31:03	1.00	66.61	1.11	-	n
1,2,3,7,8,9-HxCDD	11488680	1.30	y	31:28	1.04	44.68	1.06	-	y
Total HxCDD	190732313	1.21	y	27:44	1.00	~~774.05~~ 790.96	1.11	-	y
13C-1,2,3,4,6,7,8-HpCDF	52923100	0.44	y	33:27	1.13	135.72	1.48	67.9	n
1,2,3,4,6,7,8-HpCDF	307692000	1.04	y	33:27	1.31	887.16	0.85	-	n
1,2,3,4,7,8,9-HpCDF	32827500	1.09	y	34:39	1.19	104.20	0.93	-	n
Total HpCDF	467946900	1.04	y	33:27	1.25	1376.42 ✓	0.89	-	n
13C-1,2,3,4,6,7,8-HpCDD	50283400	1.05	y	34:19	1.00	145.93	1.00	73.0	n
1,2,3,4,6,7,8-HpCDD	103314100	1.04	y	34:20	0.95	433.26	1.05	-	n
Total HpCDD	205223297	1.84	n	33:27	0.95	~~860.64~~ 859.96	1.05	-	n
13C-OCDD	77305400	0.88	y	36:53	~~0.81~~ 0.64	276.66	1.44	~~69.2~~ 87.6	n

OCDF	96275200	0.88	y	36:59	1.32	377.77	1.10	-	n
OCDD	215006000	0.89	y	36:53	1.00	1107.10	0.99	-	n

Run text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10
Run #11 Filename: 10JA061D5 S: 8 I: 1 Results: 10JA061D58290
Acquired: 10-JAN-06 14:26:53 Processed: 10-JAN-06 16:04:24
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	78164100	0.79	y	16:55	-	7.47	-	-	n
13C-2,3,7,8-TCDF	86725200	0.78	y	16:25	1.68	131.87	0.41	65.9	n
2,3,7,8-TCDF	189330400	0.77	y	16:27	1.16	375.49 see D0775	0.55	-	n
Total TCDF	876798828	0.84	y	14:09	1.16	~~1738.92~~ 1692.16	0.55	-	n
13C-2,3,7,8-TCDD	50751900	0.78	y	17:05	0.90	144.91	1.02	72.5	n
2,3,7,8-TCDD	*	*	n	NotFnd	1.32	*	0.70	-	n
Total TCDD	84599163	0.74	y	15:01	1.32	252.11	0.70	-	n
37Cl-2,3,7,8-TCDD	53602600	1.00	y	17:06	2.44	56.11	0.38	70.1	n
13C-1,2,3,7,8-PeCDF	77283500	1.58	y	21:05	1.54	128.00	0.44	64.0	n
1,2,3,7,8-PeCDF	57355600	1.56	y	21:07	1.00	147.79	2.21	-	n
2,3,4,7,8-PeCDF	107725100	1.54	y	22:20	1.05	265.83	2.11	-	n
Total F2 PeCDF	1220885760	1.48	y	19:40	1.03	~~3075.29~~ 3339.48	2.16	-	n
Total F1 PeCDF	135953707	1.78	y	17:34	1.03	~~342.74~~	0.61	-	n
13C-1,2,3,7,8-PeCDD	51959000	1.63	y	23:00	0.91	145.47	0.69	72.7	n
1,2,3,7,8-PeCDD	12401050	1.63	y	23:01	1.04	45.75	0.89	-	n
Total PeCDD	148372515	1.49	y	20:03	1.04	~~547.35~~ 547.13	0.89	-	n
13C-1,2,3,7,8,9-HxCDD	69047900	1.27	y	31:28	-	7.17	-	-	n
13C-1,2,3,4,7,8-HxCDF	60510700	0.53	y	28:57	1.38	126.73	0.96	63.4	n
1,2,3,4,7,8-HxCDF	*	*	n	NotFnd	1.11	*	2.48	-	n
1,2,3,6,7,8-HxCDF	89498700	1.23	y	29:17	1.14	259.48	2.42	-	n
2,3,4,6,7,8-HxCDF	94328800	1.25	y	30:38	1.06	293.01	2.59	-	n
1,2,3,7,8,9-HxCDF	3940140	1.18	y	31:42	~~1.02~~ 0.82	~~12.79~~ 15.91	~~2.71~~	-	n
Total HxCDF	854835780	1.26	y	26:17	1.08	2600.61	2.54	-	n
13C-1,2,3,6,7,8-HxCDD	49267700	1.27	y	31:02	0.96	149.02	0.74	74.5	n
1,2,3,4,7,8-HxCDD	8417590	1.17	y	30:55	0.95	35.83	1.16	-	n
1,2,3,6,7,8-HxCDD	16433500	1.27	y	31:03	1.00	66.61	1.11	-	n
1,2,3,7,8,9-HxCDD	27030200	1.26	y	31:27	1.04	~~105.12~~ 44.69	1.06	-	n
Total HxCDD	195247990	1.21	y	27:44	1.00	~~789.71~~ 790.96	1.11	-	n
13C-1,2,3,4,6,7,8-HpCDF	52923100	0.44	y	33:27	1.13	135.72	1.48	67.9	n
1,2,3,4,6,7,8-HpCDF	307692000	1.04	y	33:27	1.31	887.16	0.85	-	n
1,2,3,4,7,8,9-HpCDF	32827500	1.09	y	34:39	1.19	104.20	0.93	-	n
Total HpCDF	467946900	1.04	y	33:27	1.25	1376.42	0.89	-	n
13C-1,2,3,4,6,7,8-HpCDD	50283400	1.05	y	34:19	1.00	145.93	1.00	73.0	n
1,2,3,4,6,7,8-HpCDD	103314100	1.04	y	34:20	0.95	433.26	1.05	-	n
Total HpCDD	205223297	1.84	n	33:27	0.95	~~860.64~~ 859.96	1.05	-	n
13C-OCDD	77305400	0.88	y	36:53	~~0.81~~ 0.64	276.66	1.44	~~69.2~~ 87.6	n
OCDF	96275200	0.88	y	36:59	1.32	377.77	1.10	-	n
OCDD	215006000	0.89	y	36:53	1.00	1107.10	0.99	-	n

Run Text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:21
Run: 11 File: 10JA061D5 S:8 Acq:10-JAN-06 14:26:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount: 17389.18 of which 3754.91 named and 13634.27 unnamed
Conc: 1738.92 of which 375.49 named and 1363.43 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:09	0.84	y	8.24	1895260	45.5	y	n
						2259640	52.9	y	n
	2	14:29	0.78	y	15.54	3432730	84.1	y	n
						4404830	101.3	y	n
	3	14:38	0.78	y	79.70	17658100	447.0	y	n
						22529400	535.0	y	n
	4	14:52	0.78	y	145.13	32169400	522.0	y	n
						41006700	633.1	y	n
	5	15:07	0.75	y	53.85	11673000	208.2	y	n
						15480500	260.6	y	n
	6	15:23	0.77	y	176.16	38586100	543.7	y	n
						50238200	663.2	y	n
	7	15:35	0.77	y	219.42	48086100	1087.1	y	n
						62551100	1333.4	y	n
	8	15:46	0.77	y	198.97	43600600	661.2	y	n
						56725500	803.7	y	n
	9	16:05	0.78	y	57.17	12604200	282.5	y	n
						16223300	339.8	y	n
	10	16:17	0.77	y	52.99	11611400	244.1	y	n
						15108000	295.5	y	n
2,3,7,8-TCDF	11	16:27	0.77	y	375.49	82509400	1687.3	y	n
						106821000	2061.7	y	n
	12	16:51	0.78	y	186.84	41282900	894.3	y	n
						52927000	1076.1	y	n
	13	17:02	0.79	y	116.35	25846100	530.6	y	n
						32817900	641.1	y	n
	14	17:15	0.82	y	5.08	1157650	21.5	y	n
						1403480	24.7	y	n
	15	17:34	0.77	y	15.13	3316180	70.1	y	n
						4310280	84.6	y	n

16	17:52	0.83	y	4.39	1002840	21.3	y	n
					1211810	24.5	y	n
17	18:08	0.76	y	6.30	1375650	28.0	y	n
					1798860	33.7	y	n
18	18:27	1.02	n	8.89	2588580	40.4	y	n
					2533660	39.1	y	n
19	18:34	0.77	y	2.01	439283	9.6	y	n
					573135	11.2	y	n
20	18:45	0.76	y	8.05	1756810	36.8	y	n
					2299700	43.4	y	n
21	19:26	0.78	y	3.21	707831	29.7	y	n
					912381	32.4	y	n

Run Text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:11
Run: 11 File: 10JA061D5 S:8 Acq:10-JAN-06 14:26:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	2521.13 of which	* named and	2521.13	unnamed	
Conc:	252.11 of which	* named and	252.11	unnamed	

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:01	0.74	y	24.18	3440660	97.0	y	n
						4673610	139.4	y	n
	2	15:18	0.83	y	43.83	6688160	191.7	y	n
						8019220	237.7	y	n
	3	15:31	0.72	y	8.52	1194260	32.0	y	n
						1664510	47.1	y	n
	4	16:03	0.81	y	57.05	8580310	209.1	y	n
						10563500	272.2	y	n
	5	16:13	0.79	y	26.27	3889730	43.7	y	n
						4925910	64.3	y	n
	6	16:37	0.79	y	16.57	2449960	66.4	y	n
						3108940	87.4	y	n
	7	17:01	0.58	n	44.21	6453190	97.2	y	n
						11171100	137.2	y	n
	8	17:15	0.83	y	4.47	683062	16.7	y	n
						818122	21.4	y	n
	9	17:26	0.80	y	20.69	3079360	73.9	y	n
						3862170	103.6	y	n
	10	17:39	0.96	n	3.06	555377	13.4	y	n
						580961	15.0	y	n
	11	18:07	0.80	y	3.26	487313	11.1	y	n
						608109	16.4	y	n

See JA

Run Text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:14
Run: 11 File: 10JA061D5 S:8 Acq:10-JAN-06 14:26:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	30752.93 of which	4136.16 named and	26616.77	unnamed	
Conc:	3075.29 of which	413.62 named and	2661.68	unnamed	

-78.01

Run Text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? yes #Hom:12
Run: 11 File: 10JA061D5 S:8 Acq:10-JAN-06 14:26:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10ja061d

Amount:	2668.17 of which	135.77 named and	2532.40 unnamed
Conc:	266.82 of which	13.58 named and	253.24 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:01	0.74	y	24.18	3440660	97.0	y	n
						4673610	139.4	y	n
	2	15:18	0.83	y	43.83	6688160	191.7	y	n
						8019220	237.7	y	n
	3	15:31	0.72	y	8.52	1194260	32.0	y	n
						1664510	47.1	y	n
	4	16:03	0.81	y	57.05	8580310	209.1	y	n
						10563500	272.2	y	n
	5	16:13	0.79	y	26.27	3889720	43.7	y	n
						4925910	64.3	y	n
	6	16:37	0.79	y	16.57	2449950	66.4	y	n
						3108940	87.4	y	n
	7	17:01	0.74	y	45.33	6453190	97.2	y	n
						8759030	137.6	y	y
2,3,7,8-TCDD	8	17:06	0.82	y	13.58	2051320	50.8	y	n
						2504650	65.5	y	y
	9	17:15	0.83	y	4.47	683063	16.7	y	n
						818121	21.4	y	n
	10	17:26	0.80	y	20.69	3079360	73.9	y	n
						3862170	103.6	y	n
	11	17:39	0.96	(n)	3.06	555377	13.4	y	n
						580961	15.0	y	n
	12	18:07	0.80	y	3.26	487313	11.1	y	n
						608108	16.4	y	n

PJ

2A

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	19:40	1.48	y	40.23	9527710	68.0	y	n
						6428810	65.7	y	n
	2	19:52	1.56	y	1019.57	246697000	1272.2	y	n
						157736000	1189.8	y	n
	3	20:06	1.55	y	102.26	24639700	148.3	y	n
						15924100	139.3	y	n
	4	20:21	1.51	y	50.34	12020400	45.0	y	n
						7947740	43.9	y	n
	5	20:35	1.52	y	288.96	69062200	433.2	y	n
						45561100	404.9	y	n
	6	20:41	1.55	y	228.59	55079700	337.6	y	n
						35593100	322.6	y	n
	7	20:59	1.56	y	74.95	18122100	112.0	y	n
						11606500	105.0	y	n
1,2,3,7,8-PeCDF	8	21:07	1.56	y	147.79	34963800	208.4	y	n
						22391800	196.7	y	n
	9	21:22	1.54	y	113.93	27422000	153.6	y	n
						17771800	141.6	y	n
	10	21:35	1.58	y	217.58	52894600	299.5	y	n
						33413800	271.5	y	n
2,3,4,7,8-PeCDF	11	22:20	1.54	y	265.83	65235500	334.4	y	n
						42489600	324.7	y	n
	12	22:37	1.53	y	464.58	111371000	442.9	y	n
						72915200	420.2	y	n
	13	23:07	1.53	y	33.01	7918500	41.6	y	n
						5176000	39.5	y	n
	14	24:08	1.58	y	27.67	6728660	28.3	y	n
						4247340	25.7	y	n

Run Text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:2
Run: 11 File: 10JA061D5 S:8 Acq:10-JAN-06 14:26:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	3427.38	of which	* named and	3427.38	unnamed
Conc:	342.74	of which	* named and	342.74	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	17:34	1.78	y	0.53	135759	5.8	y	n
						76348	2.1	n	n
	2	18:26	1.57	y	342.20	82927400	3272.1	y	n
						52814200	1236.1	y	n

Run Text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:13
Run: 11 File: 10JA061D5 S:8 Acq:10-JAN-06 14:26:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	5473.52	of which	457.48 named and	5016.04	unnamed
Conc:	547.35	of which	45.75 named and	501.60	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:03	1.49	y	125.88	20417900	490.4	y	n
						13704100	482.3	y	n
	2	20:16	0.73	n	0.22	36778	1.3	n	n
						50235	2.5	n	n
	3	20:44	1.53	y	19.18	3146100	80.2	y	n
						2052530	78.4	y	n
	4	21:09	1.54	y	66.88	10982400	270.3	y	n
						7148310	254.8	y	n
	5	21:22	1.56	y	39.63	6551630	150.3	y	n
						4191850	150.5	y	n
	6	21:39	1.59	y	71.75	11930500	273.4	y	n
						7518590	260.9	y	n
	7	21:56	1.60	y	18.94	3158930	72.5	y	n
						1974990	71.4	y	n
	8	22:06	1.57	y	55.49	9193150	168.3	y	n
						5849010	157.5	y	n
	9	22:26	1.64	y	29.89	5034190	112.8	y	n

					3067790	94.2	y	n
	10	22:39	1.48	y	20.77	3355780	69.0	y	n
						2274220	66.0	y	n
1,2,3,7,8-PeCDD	11	23:01	1.63	y	45.75	7685220	160.6	y	n
						4715830	143.0	y	n
	12	23:18	1.59	y	24.74	4113200	81.4	y	n
						2592060	75.3	y	n
	13	23:56	1.60	y	28.23	4705230	86.4	y	n
						2948500	84.4	y	n

Run Text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:13
Run: 11 File: 10JA061D5 S:8 Acq:10-JAN-06 14:26:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount: 26006.11 of which 5652.74 named and 20353.38 unnamed
Conc: 2600.61 of which 565.27 named and 2035.34 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	26:17	1.26	y	244.14	44626900	286.3	y	n	
						35387800	398.4	y	n	
	2	26:38	1.24	y	973.27	176805000	1059.8	y	n	
						142177000	1505.6	y	n	
	3	27:02	1.14	y	25.14	4387530	25.3	y	n	
						3850650	37.3	y	n	
	4	27:24	1.15	y	56.10	9853330	55.9	y	n	
						8533330	83.4	y	n	
	5	27:52	1.24	y	433.67	78730600	463.7	y	n	
						63401200	649.8	y	n	
	6	28:18	1.32	y	8.77	1632370	8.5	y	n	See pg 6A
						1240500	11.1	y	n	
1,2,3,6,7,8-HxCDF	7	29:17	1.23	y	259.48	49434900	265.6	y	n	
						40063800	375.7	y	n	
	8	29:34	1.25	y	29.33	5340600	28.7	y	n	
						4272330	40.3	y	n	
	9	30:00	1.25	y	88.94	16189600	73.2	y	n	
						12958500	102.7	y	n	
	10	30:28	1.26	y	93.87	17132500	144.5	y	n	
						13634100	200.7	y	n	
2,3,4,6,7,8-HxCDF	11	30:38	1.25	y	293.01	52478300	434.2	y	n	
						41850500	602.6	y	n	
1,2,3,7,8,9-HxCDF	12	31:42	1.18	y	12.79	2133770	28.2	y	n	
						1806370	39.8	y	n	
	13	31:48	1.21	y	82.12	14751500	159.5	y	n	
						12162800	231.3	y	n	

Run Text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:9
Run: 11 File: 10JA061D5 S:8 Acq:10-JAN-06 14:26:53

Run Text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? yes #Hom:14
Run: 11 File: 10JA061D5 S:8 Acq:10-JAN-06 14:26:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10ja061d

Amount: 32165.79 of which 8526.70 named and 23639.09 unnamed
Conc: 3216.58 of which 852.67 named and 2363.91 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	26:17	1.26	y	244.14	44626900	286.3	y	n
						35387800	398.4	y	n
	2	26:38	1.24	y	973.27	176805000	1059.8	y	n
						142177000	1505.6	y	n
	3	27:02	1.14	y	25.14	4387510	25.3	y	n
						3850670	37.3	y	n
	4	27:24	1.15	y	56.10	9853330	55.9	y	n
						8533340	83.4	y	n
	5	27:52	1.24	y	433.67	78730600	463.7	y	n
						63401200	649.8	y	n
	6	28:53	1.22	y	337.34	60841500	373.6	y	y
						49718400	532.1	y	y
1,2,3,4,7,8-HxCDF	7	28:57	1.29	y	287.40	54377000	376.6	y	y
						42189200	525.7	y	y
1,2,3,6,7,8-HxCDF	8	29:17	1.23	y	259.48	49434900	265.6	y	n
						40063800	375.7	y	n
	9	29:34	1.25	y	29.33	5340580	28.7	y	n
						4272350	40.3	y	n
	10	30:00	1.25	y	88.94	16189600	73.2	y	n
						12958500	102.7	y	n
	11	30:28	1.26	y	93.87	17132500	144.5	y	n
						13634100	200.7	y	n
2,3,4,6,7,8-HxCDF	12	30:38	1.25	y	293.01	52478300	434.2	y	n
						41850500	602.6	y	n
1,2,3,7,8,9-HxCDF	13	31:42	1.18	y	12.79	2133770	28.2	y	n
						1806370	39.8	y	n
	14	31:48	1.21	y	82.12	14751500	159.5	y	n
						12162800	231.3	y	n

Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	7897.14 of which	2075.55 named and	5821.58 unnamed		
Conc:	789.71 of which	207.56 named and	582.16 unnamed		

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:44	1.21	y	118.27	15937500	259.8	y	n
						13189800	160.4	y	n
	2	29:04	1.25	y	201.98	27623800	412.9	y	n
						22117700	250.9	y	n
	3	29:45	1.25	y	236.15	32351200	473.2	y	n
						25803900	297.0	y	n
	4	30:06	1.29	y	25.01	3469550	61.1	y	n
						2690760	40.0	y	n
1,2,3,4,7,8-HxCDD	5	30:55	1.17	y	35.83	4538330	114.9	y	n
						3879260	77.5	y	n
1,2,3,6,7,8-HxCDD	6	31:03	1.27	y	66.61	9204440	239.3	y	n
						7229060	144.1	y	n
1,2,3,7,8,9-HxCDD	7	31:27	1.26	y	105.12	15049200	276.1	y	n
						11981000	164.1	y	n
	8	31:41	2.05	n	0.58	129973	3.9	y	n
						63378	1.9	n	n
	9	31:47	1.15	y	0.16	21653	0.9	n	n
						18870	0.7	n	n

See PJ 7A

Run Text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? yes #Hom:8
Run: 11 File: 10JA061D5 S:8 Acq:10-JAN-06 14:26:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10ja061d

Amount: 7740.47 of which 1471.17 named and 6269.30 unnamed
Conc: 774.05 of which 147.12 named and 626.93 unnamed

−45.51
+ 62.42
790.96

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:44	1.21	y	118.27	15937500	259.8	y	n
						13189800	160.4	y	n
	2	29:04	1.25	y	201.98	27623800	412.9	y	n
						22117700	250.9	y	n
	3	29:45	1.25	y	236.15	32351200	473.2	y	n
						25803900	297.0	y	n
	4	30:06	1.29	y	25.01	3469550	61.1	y	n
						2690760	40.0	y	n
1,2,3,4,7,8-HxCDD	5	30:55	1.17	y	35.83	4538340	114.9	y	n
						3879260	77.5	y	n
1,2,3,6,7,8-HxCDD	6	31:03	1.27	y	66.61	9204440	239.3	y	n
						7229050	144.1	y	n
	7	31:27	~~1.70~~	~~n~~	~~45.51~~	8521050	276.3	y	y
			1.23	y	62.42	~~5003720~~ 6.95 EC	156.3	y	y
1,2,3,7,8,9-HxCDD	8	31:28	1.30	y	44.68	6484960	260.3	y	y
						5003720	156.3	y	y

PC
7A

Run Text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:4
Run: 11 File: 10JA061D5 S:8 Acq:10-JAN-06 14:26:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	13764.25 of which	9913.67 named and	3850.58	unnamed
Conc:	1376.42 of which	991.37 named and	385.06	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,6,7,8-HpCDF	1	33:27	1.04	y	887.16	156522000	3680.0	y	n
						151170000	2749.2	y	n
	2	33:39	1.05	y	156.00	26405300	604.4	y	n
						25220600	458.7	y	n
	3	33:47	1.01	y	229.06	38182000	908.3	y	n
						37619500	658.2	y	n
1,2,3,4,7,8,9-HpCDF	4	34:39	1.09	y	104.20	17085300	380.3	y	n
						15742200	263.5	y	n

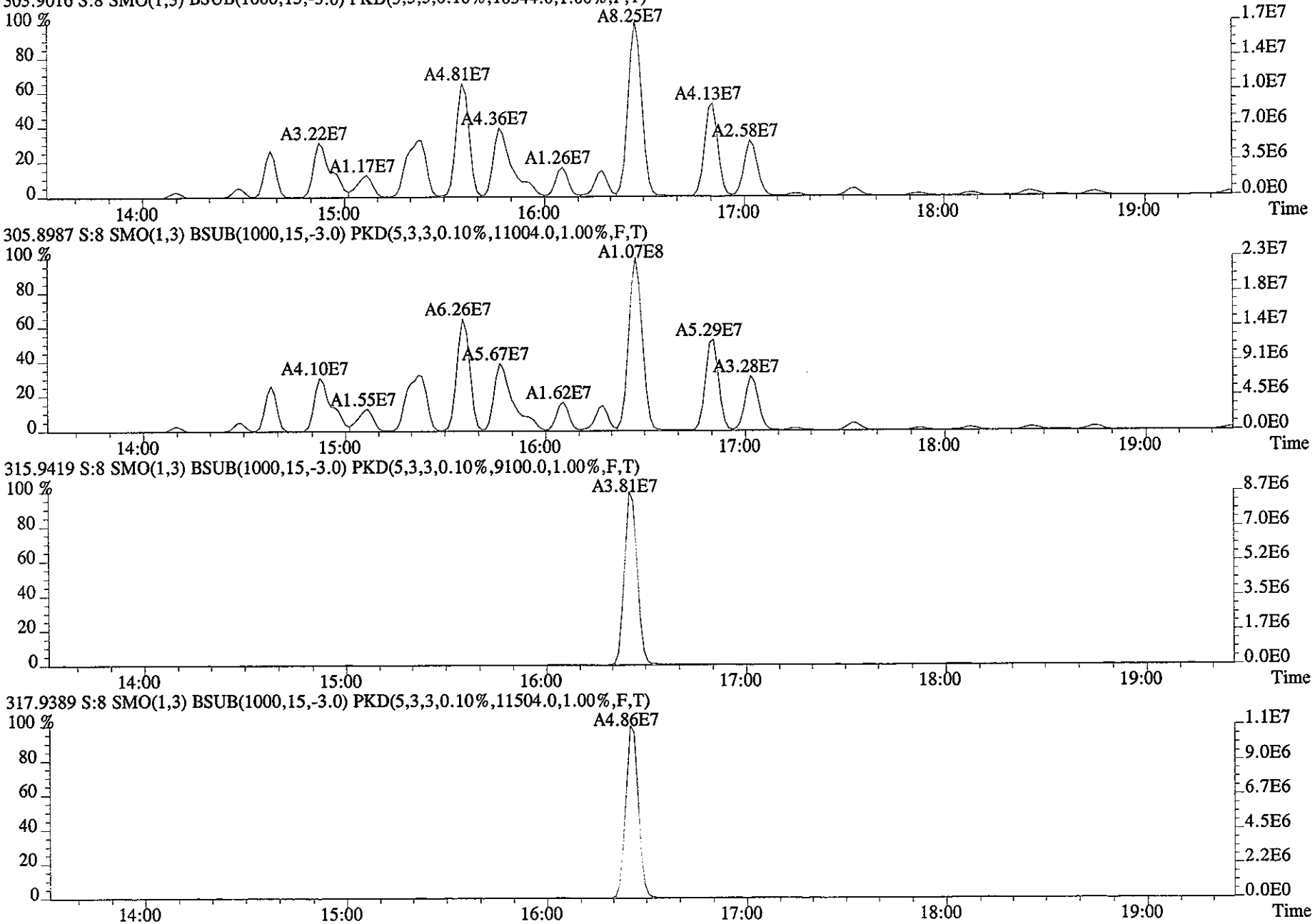
Run Text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10

Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:3
Run: 11 File: 10JA061D5 S:8 Acq:10-JAN-06 14:26:53
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

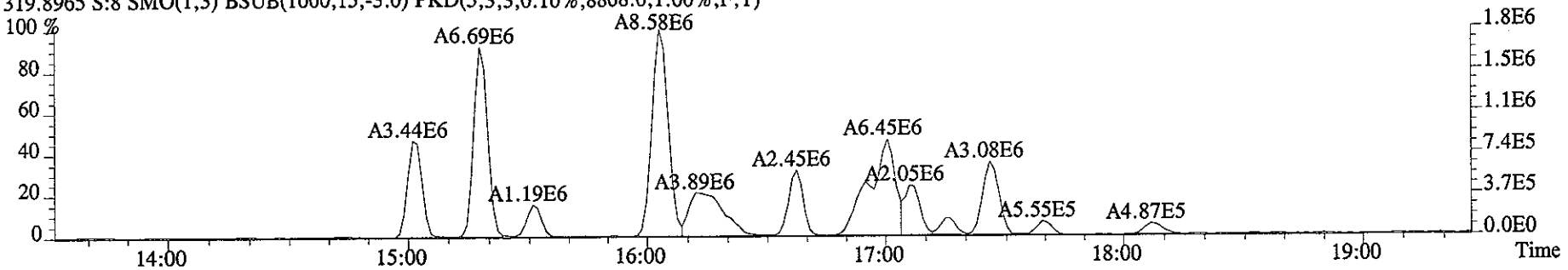
Amount:	8606.36 of which	4332.64 named and	4273.72	unnamed
Conc:	860.64 of which	433.26 named and	427.37	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:27	1.84	n	0.68	146517	5.1	y	n
						79508	1.8	n	n
	2	33:44	1.02	y	426.69	51311600	1515.1	y	n
						50435400	1064.7	y	n
1,2,3,4,6,7,8-HpCDD	3	34:20	1.04	y	433.26	52679400	1539.6	y	n
						50634700	1045.9	y	n

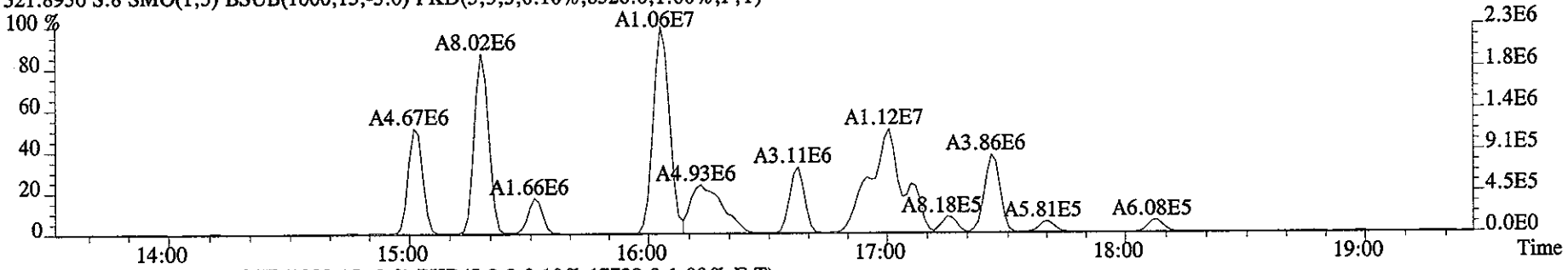
File:10JA061D5 #1-322 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN



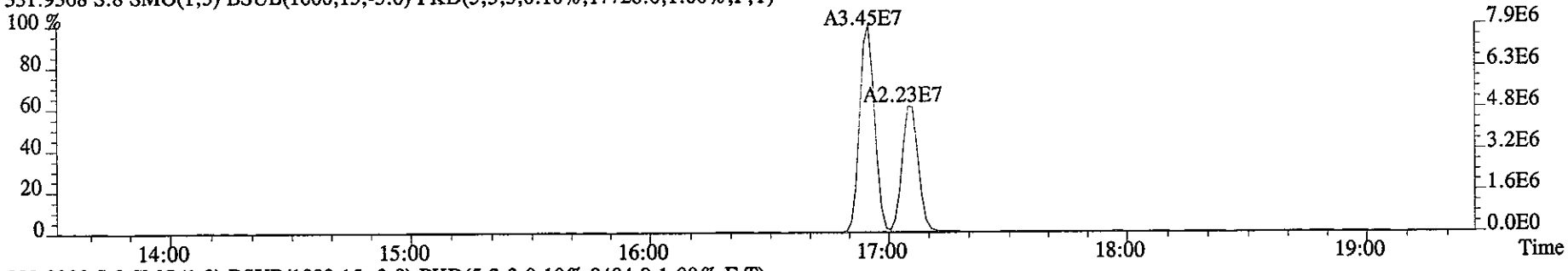
File:10JA061D5 #1-322 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN
319.8965 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8808.0,1.00%,F,T)



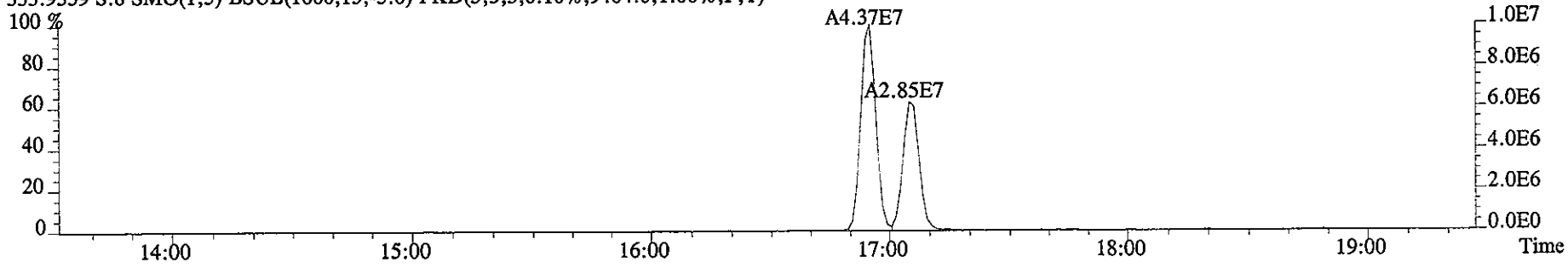
321.8936 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8328.0,1.00%,F,T)



331.9368 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17728.0,1.00%,F,T)



333.9339 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9404.0,1.00%,F,T)

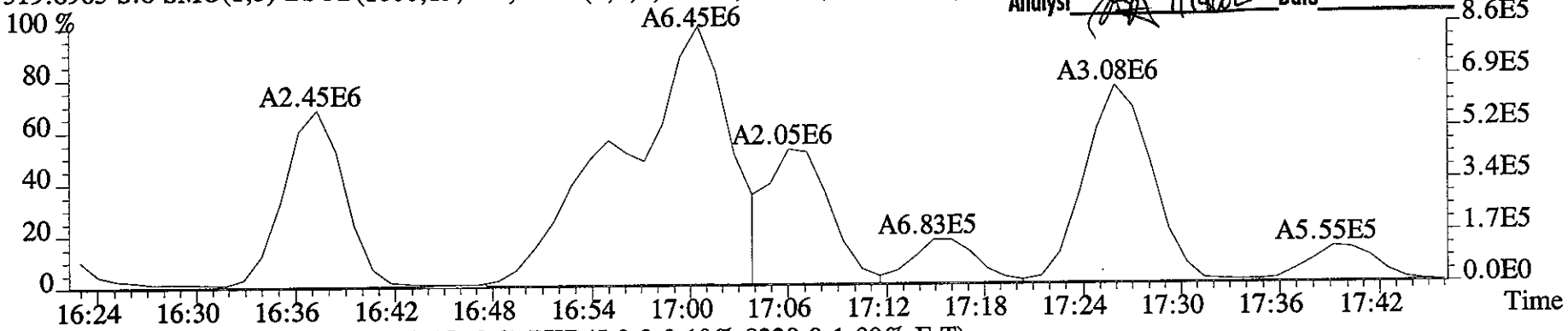


MANUAL EDIT CODES

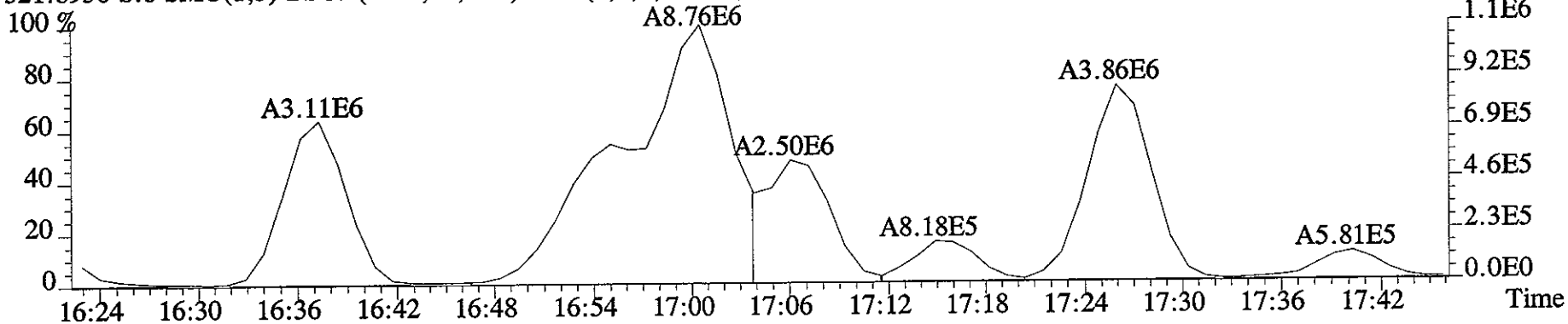
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

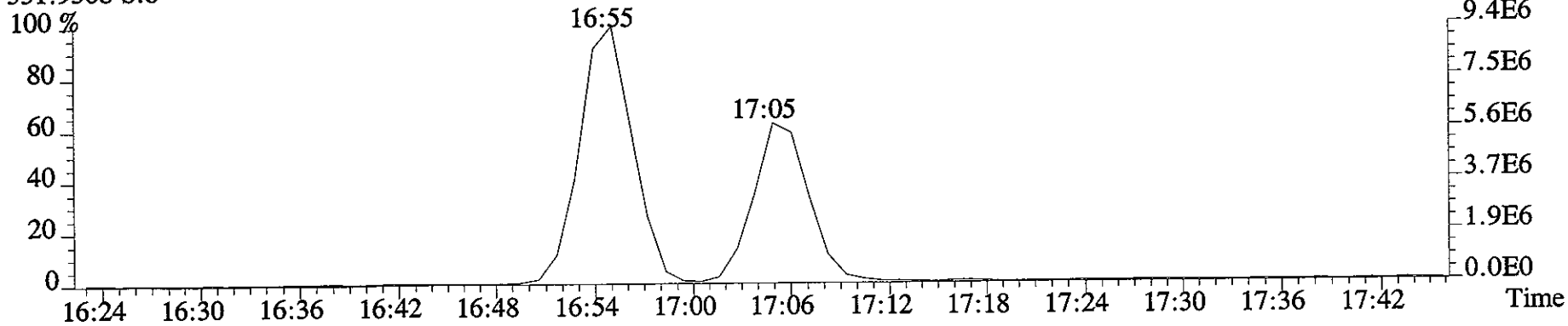
File:10JA061D5 #1-322 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN
319.8965 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8808.0,1.00%,F,T)



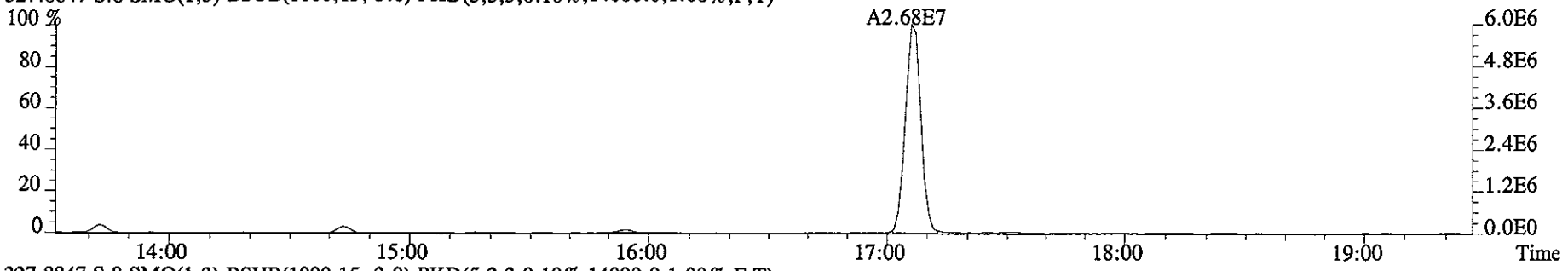
321.8936 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8328.0,1.00%,F,T)

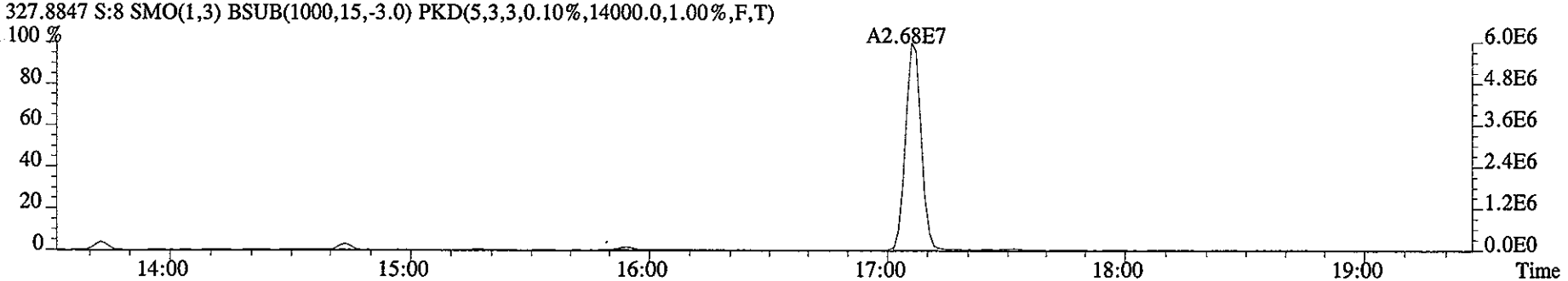


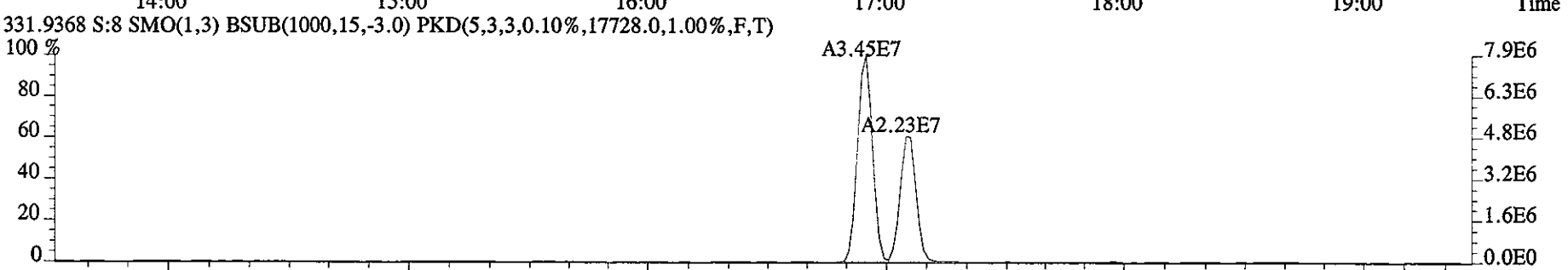
331.9368 S:8

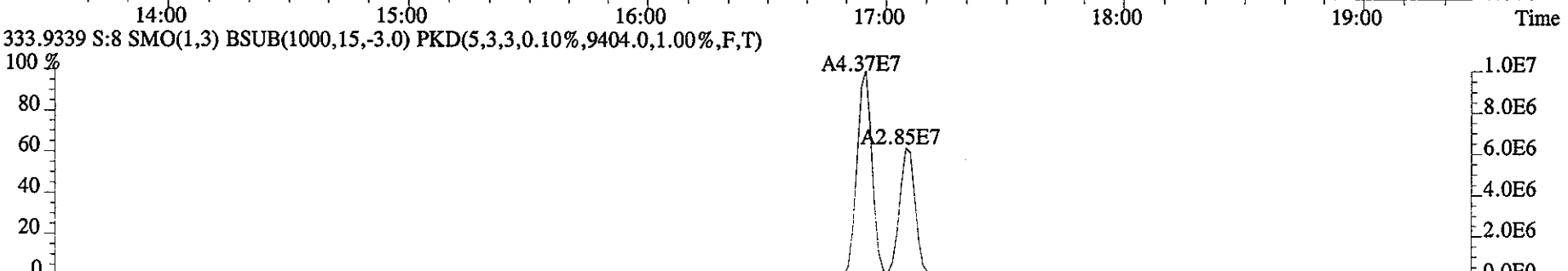


File:10JA061D5 #1-322 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN

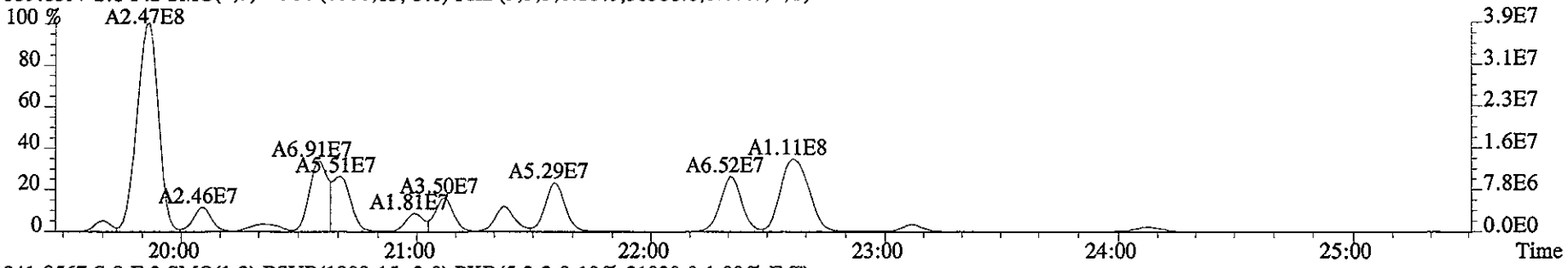




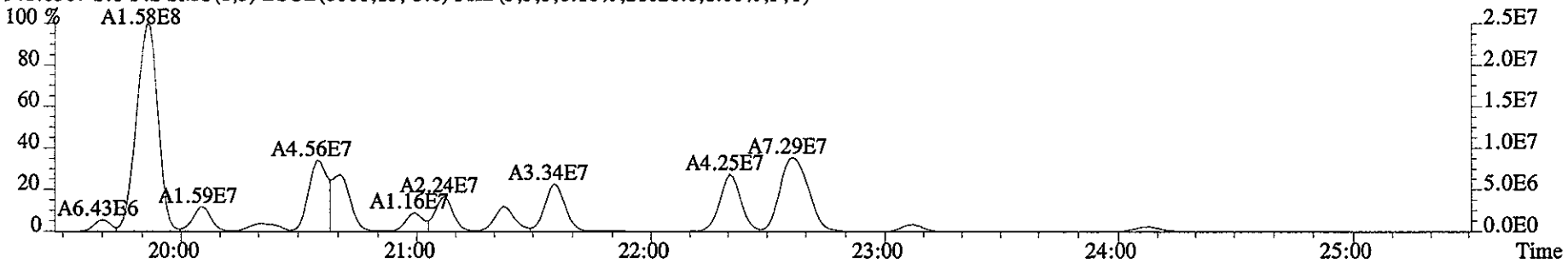




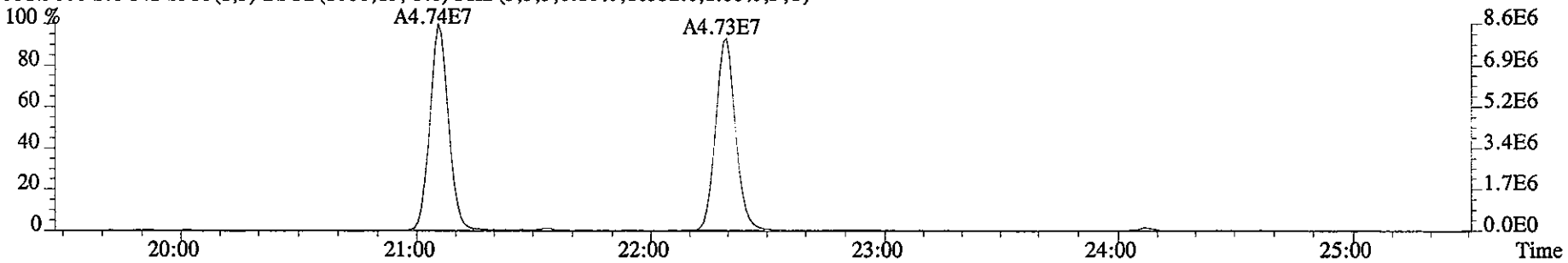
File:10JA061D5 #1-426 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN
339.8597 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,30588.0,1.00%,F,T)



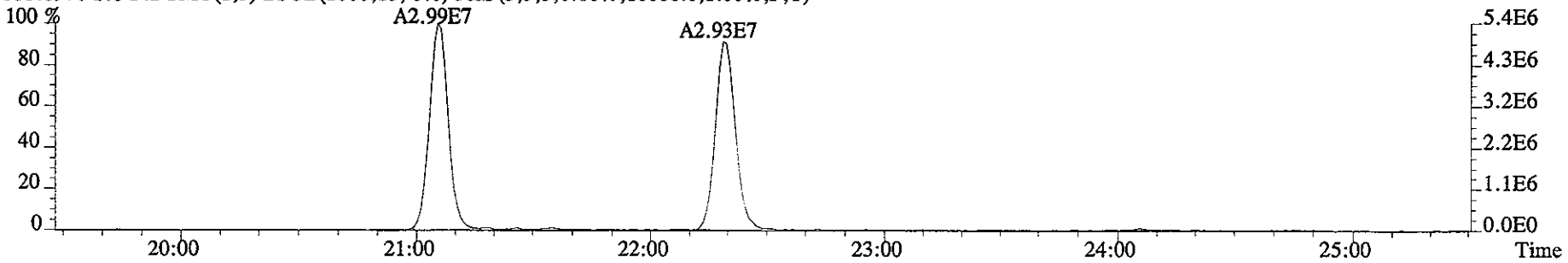
341.8567 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21020.0,1.00%,F,T)



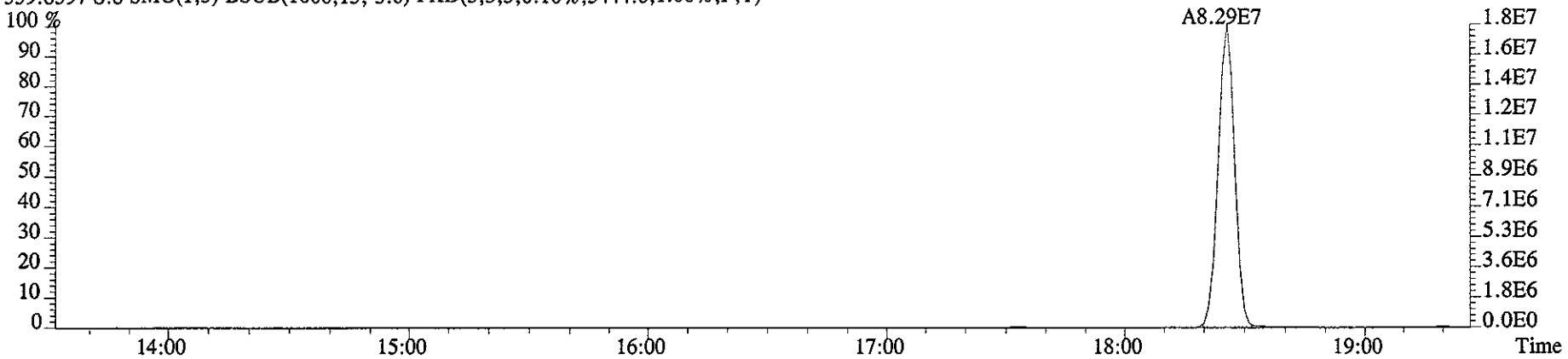
351.9000 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10352.0,1.00%,F,T)



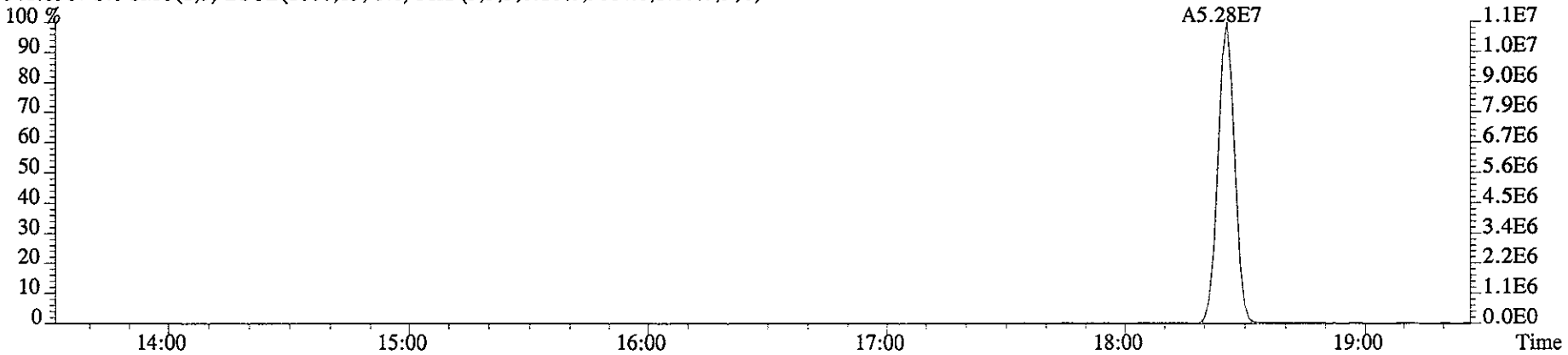
353.8970 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10008.0,1.00%,F,T)



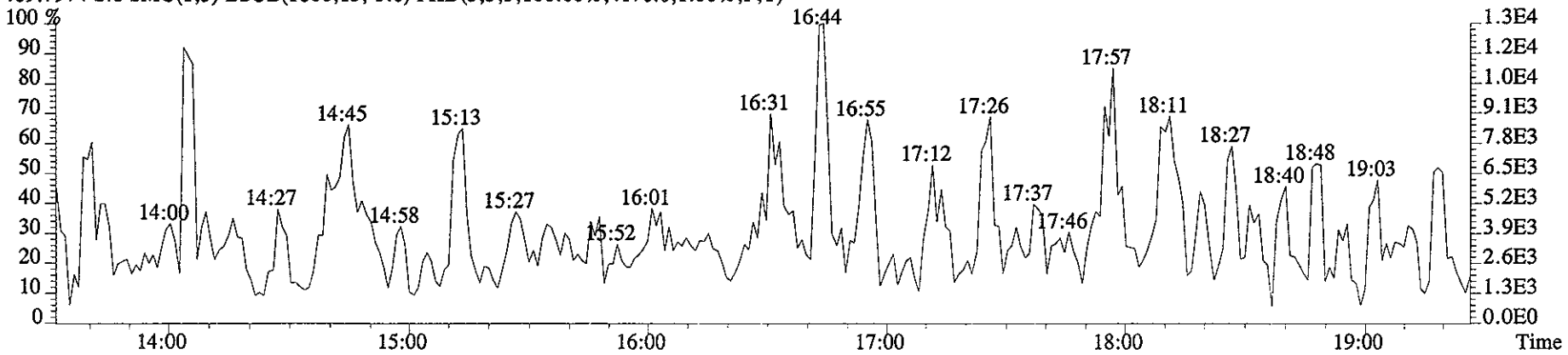
File:10JA061D5 #1-322 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN
339.8597 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5444.0,1.00%,F,T)



341.8567 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9084.0,1.00%,F,T)

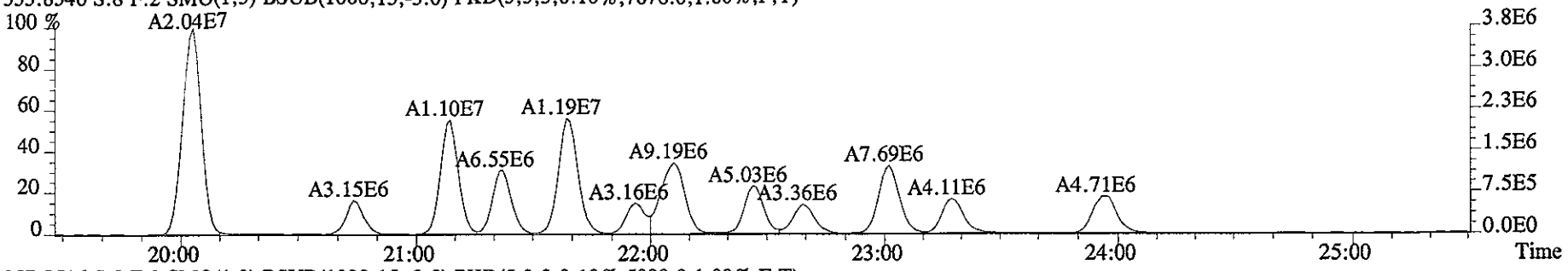


409.7974 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4176.0,1.00%,F,T)

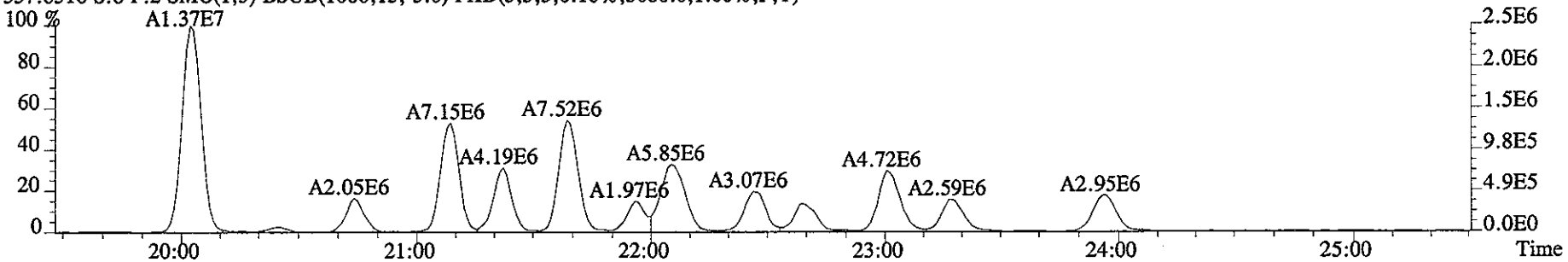


File:10JA061D5 #1-426 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN

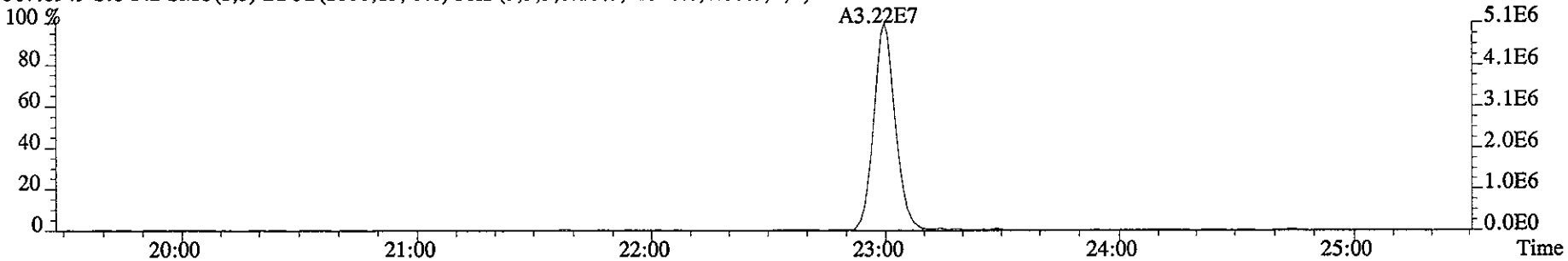
355.8546 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7676.0,1.00%,F,T)



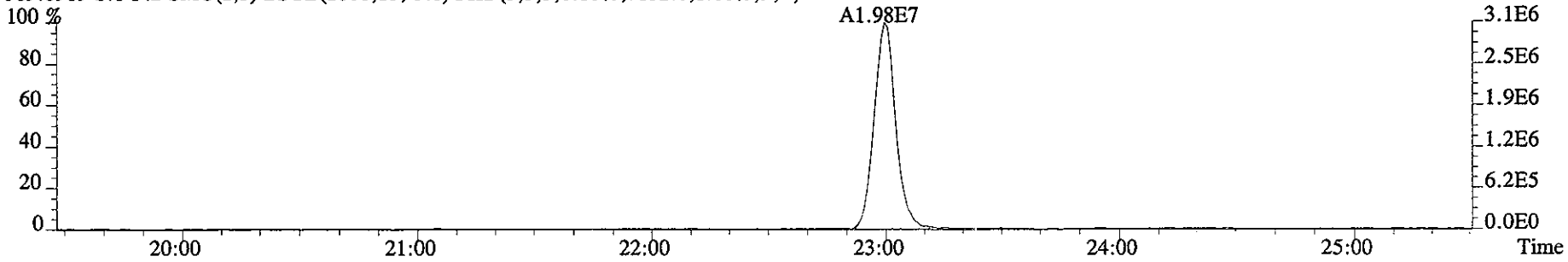
357.8516 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5080.0,1.00%,F,T)



367.8949 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11540.0,1.00%,F,T)

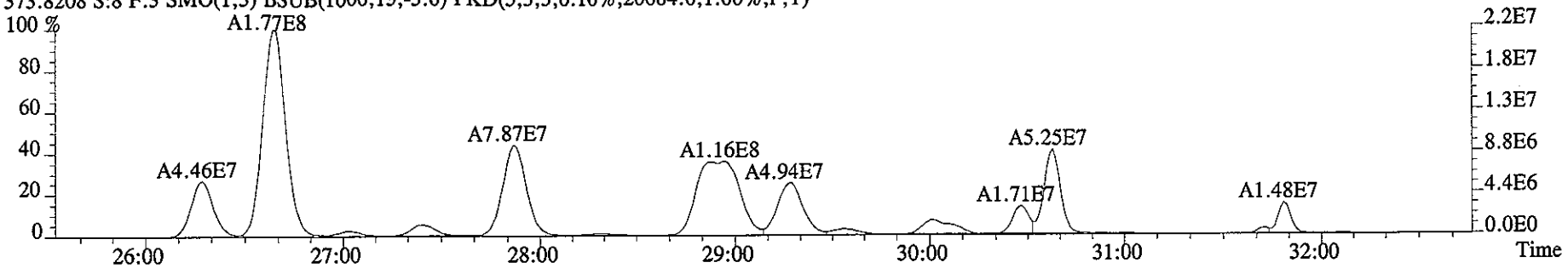


369.8919 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7152.0,1.00%,F,T)

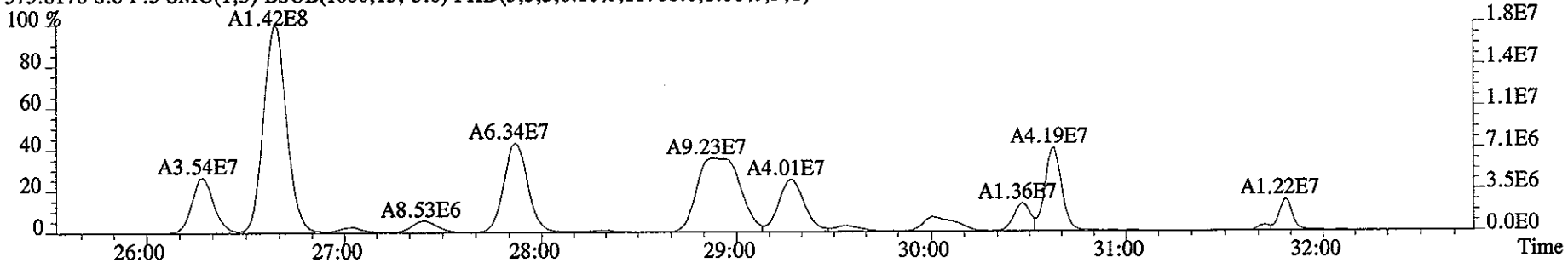


File:10JA061D5 #1-486 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN

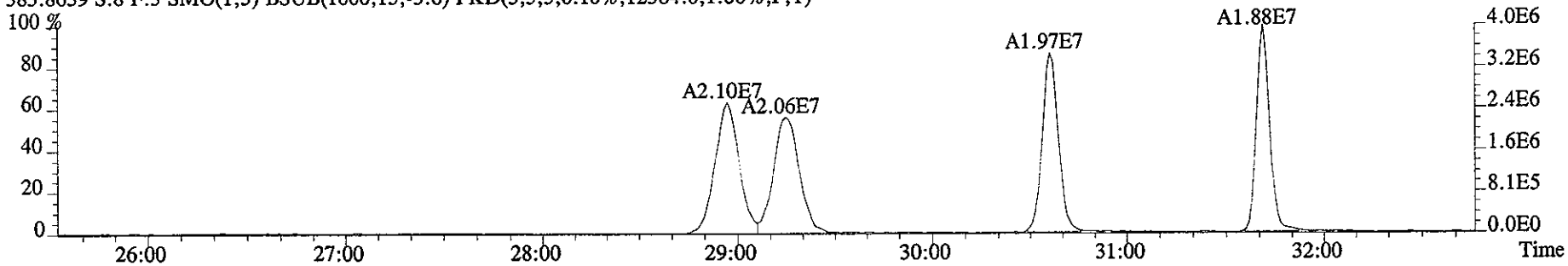
373.8208 S:8 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20684.0,1.00%,F,T)



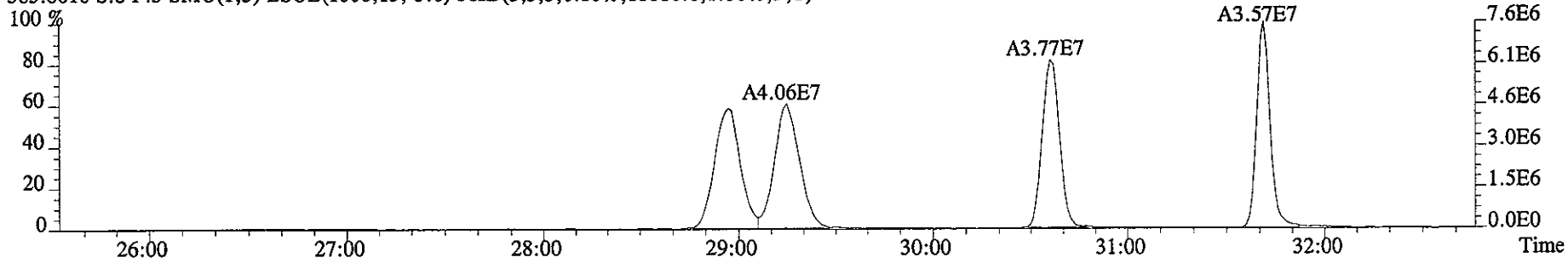
375.8178 S:8 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11708.0,1.00%,F,T)



383.8639 S:8 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12384.0,1.00%,F,T)



385.8610 S:8 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18880.0,1.00%,F,T)

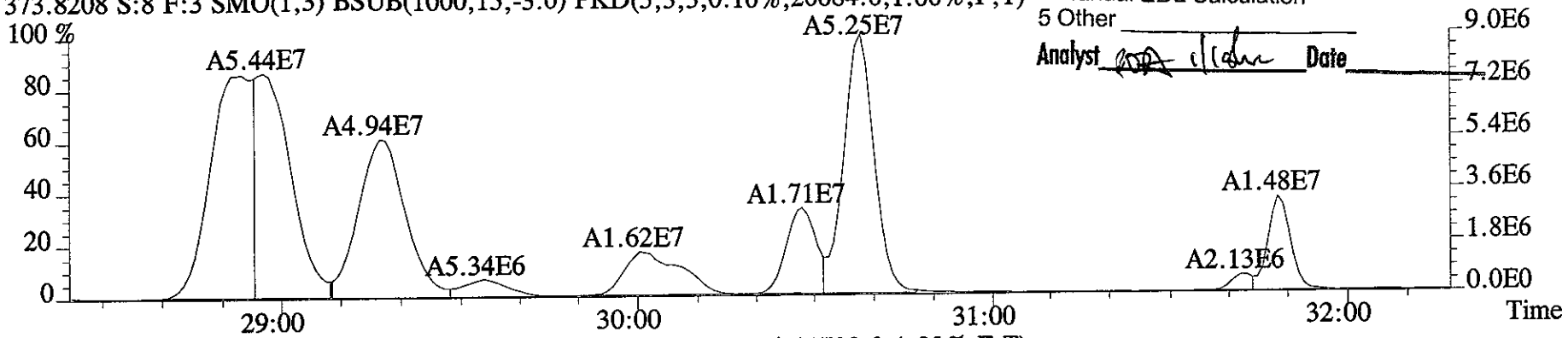


MANUAL EDIT CODES

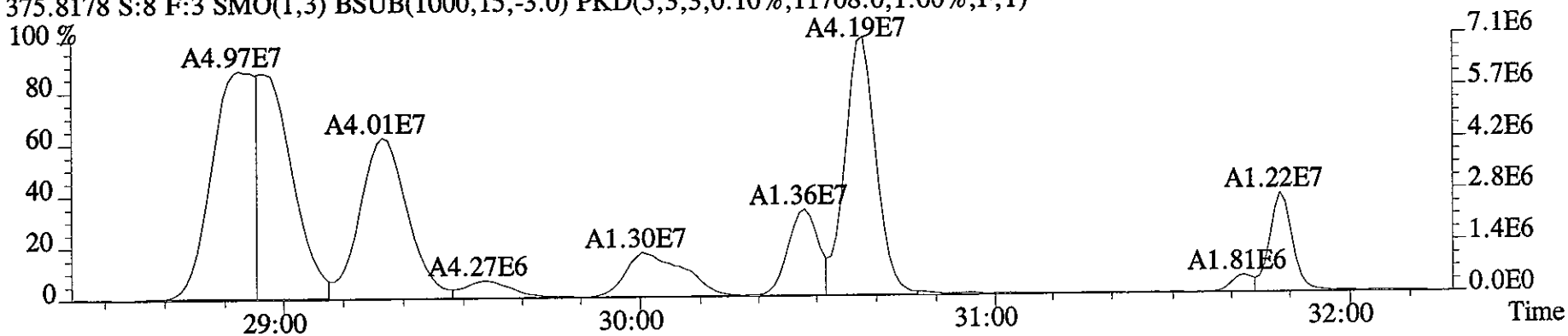
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

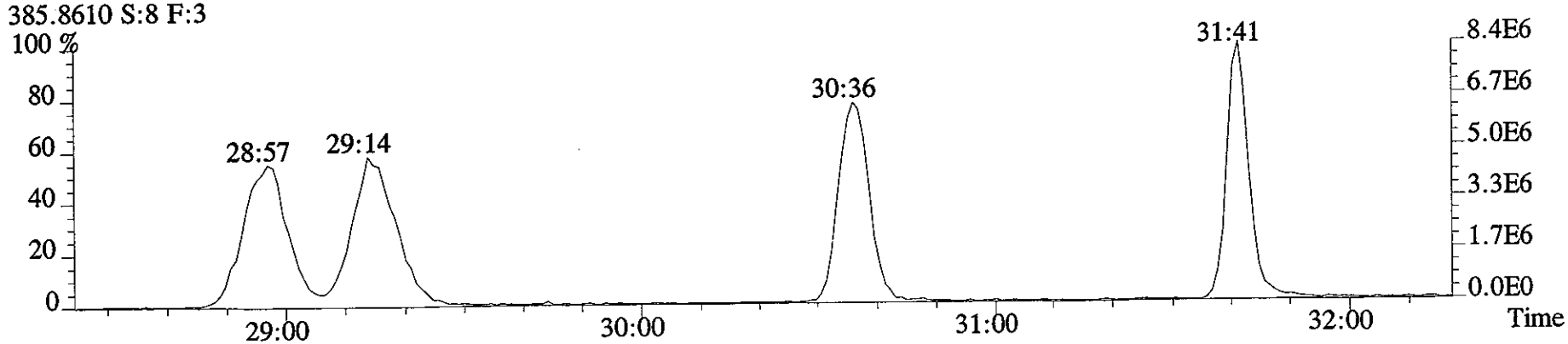
File:10JA061D5 #1-486 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN
373.8208 S:8 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20684.0,1.00%,F,T)



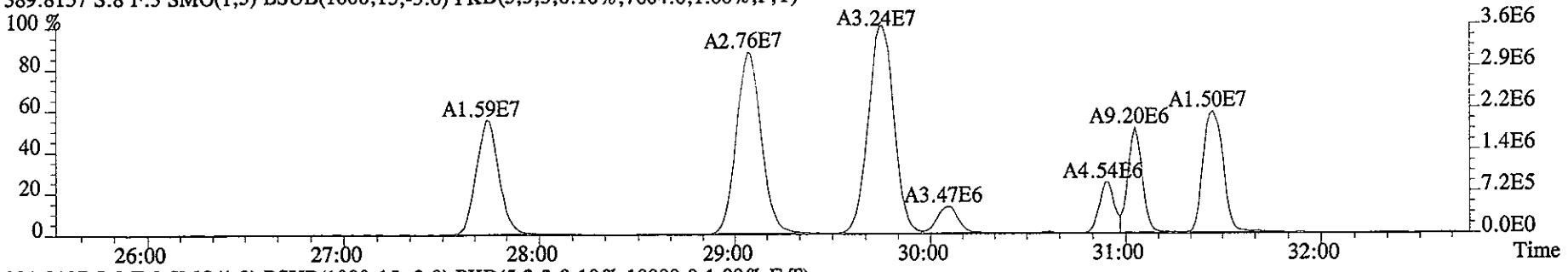
375.8178 S:8 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11708.0,1.00%,F,T)

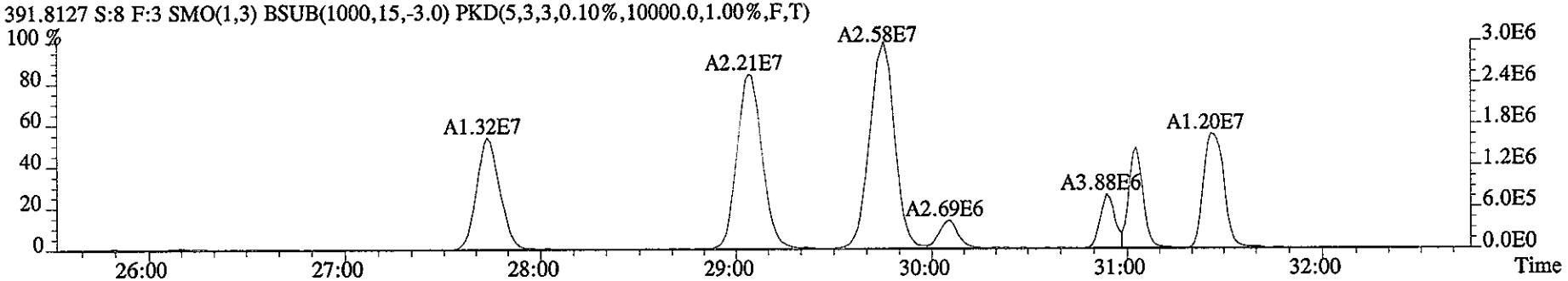


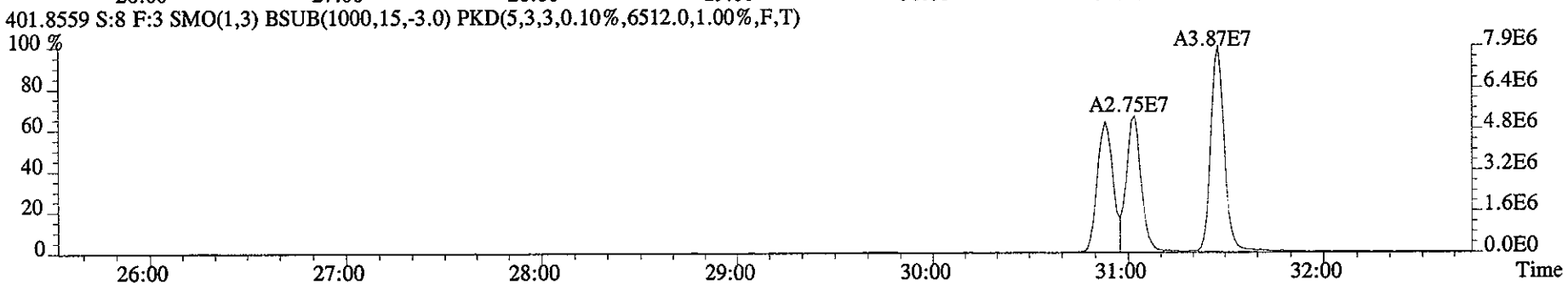
385.8610 S:8 F:3

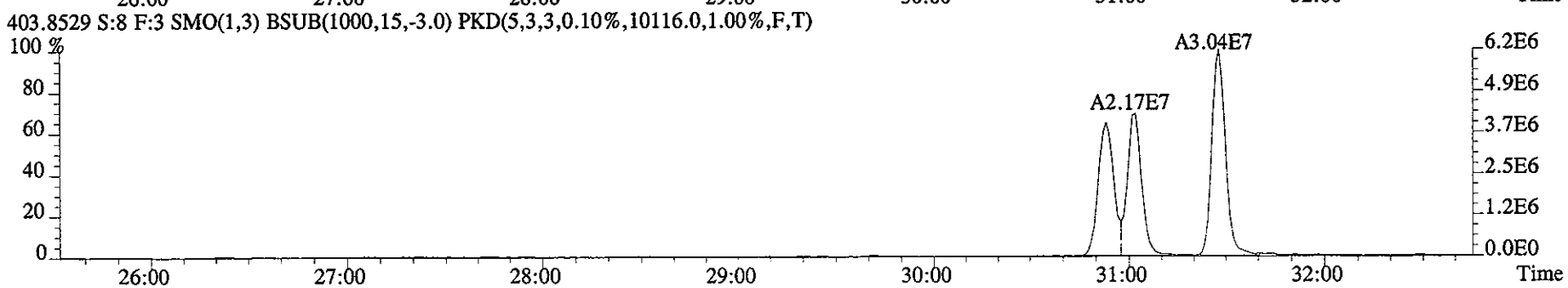


File:10JA061D5 #1-486 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN

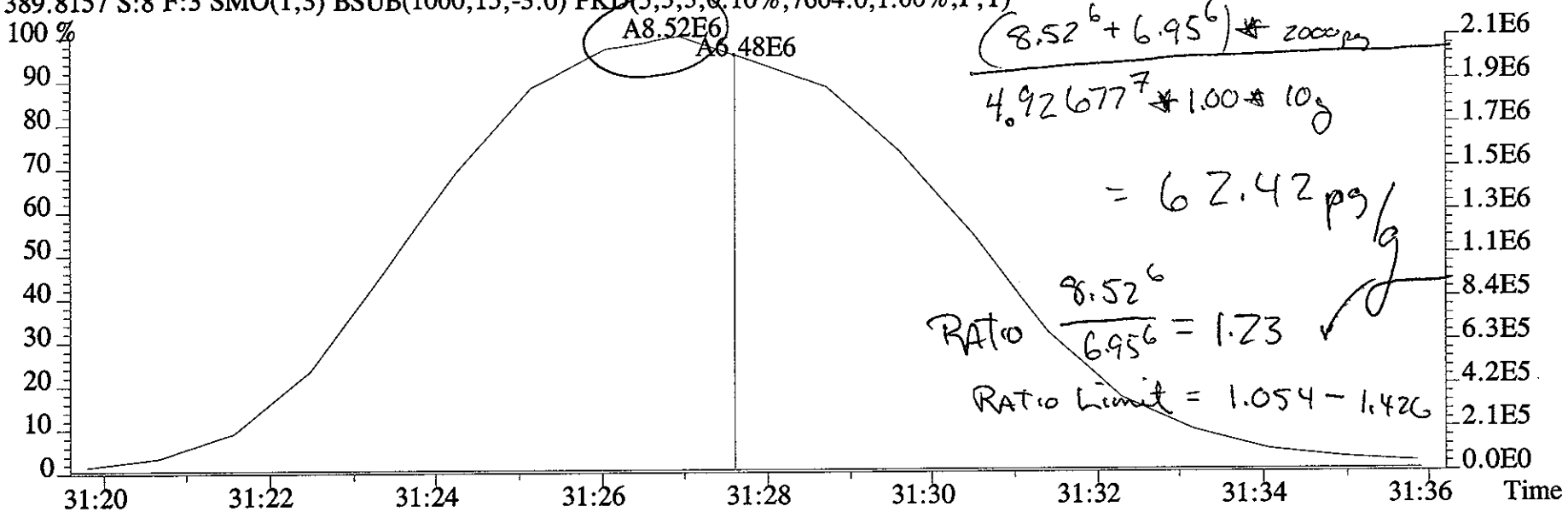








File:10JA061D5 #1-486 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN
389.8157 S:8 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7604.0,1.00%,F,T)



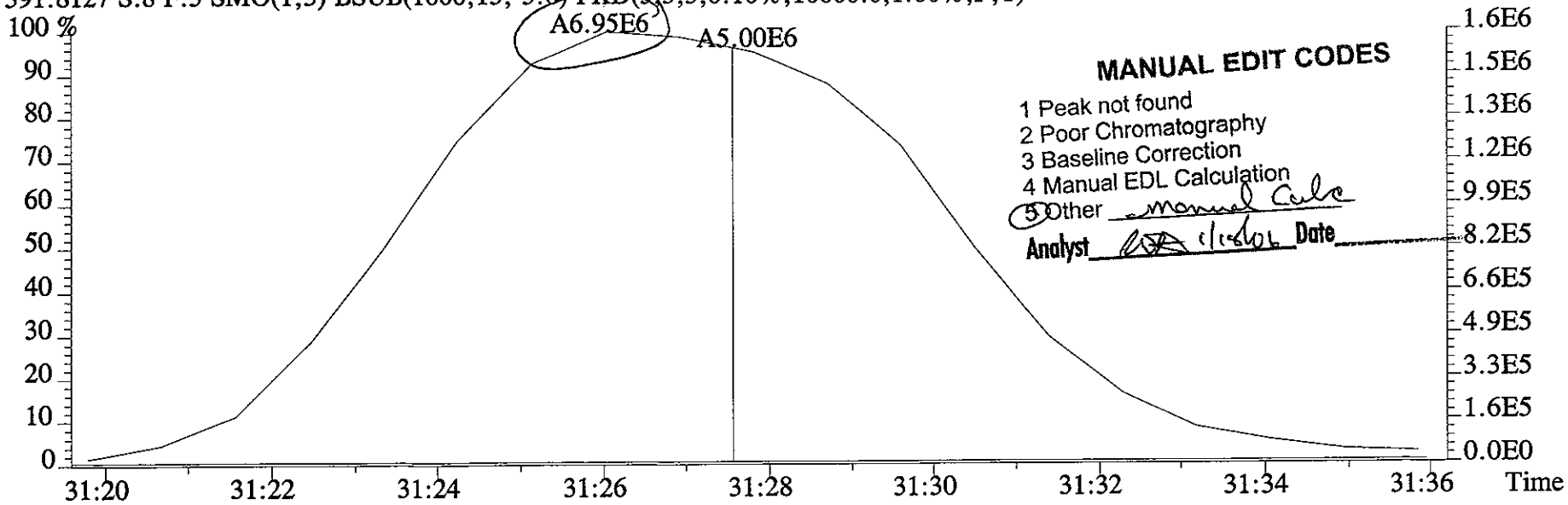
$\frac{(8.52^6 + 6.95^6) * 2000 pg}{4.926777 * 1.00 * 10g}$

$= 62.42 pg/g$

RATIO $\frac{8.52^6}{6.95^6} = 1.23$

RATIO Limit = 1.054 – 1.426

391.8127 S:8 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10000.0,1.00%,F,T)



MANUAL EDIT CODES

1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other manual calc

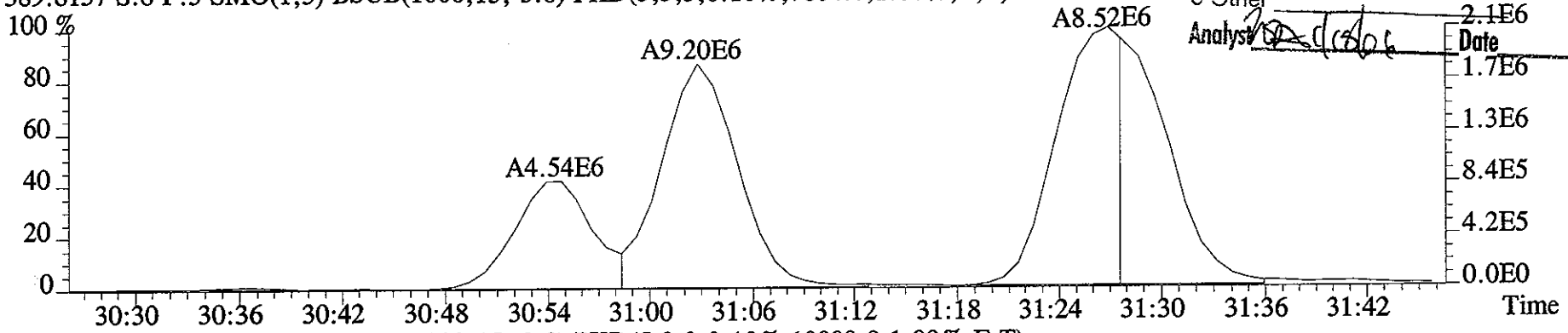
Analyst [signature] Date 1/16/06

MANUAL EDIT CODES

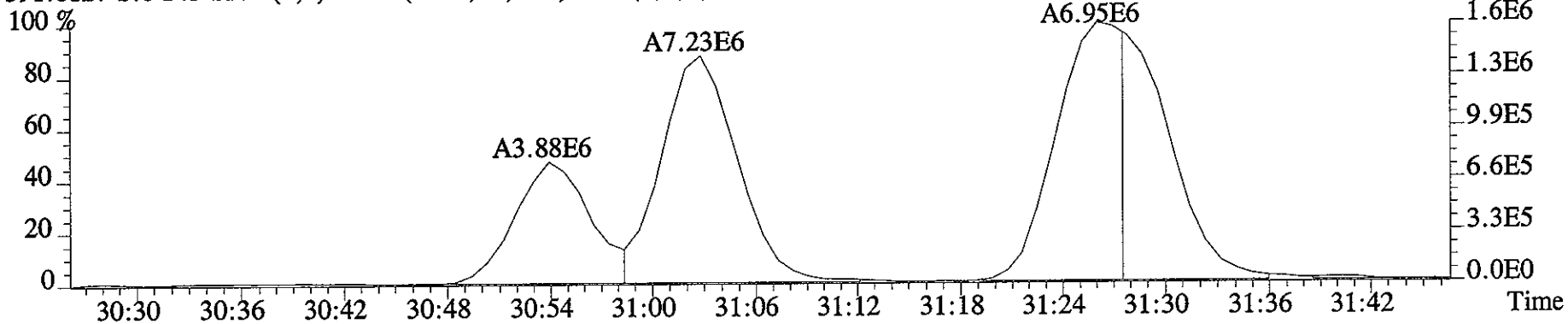
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other

Analyst _____ Date _____

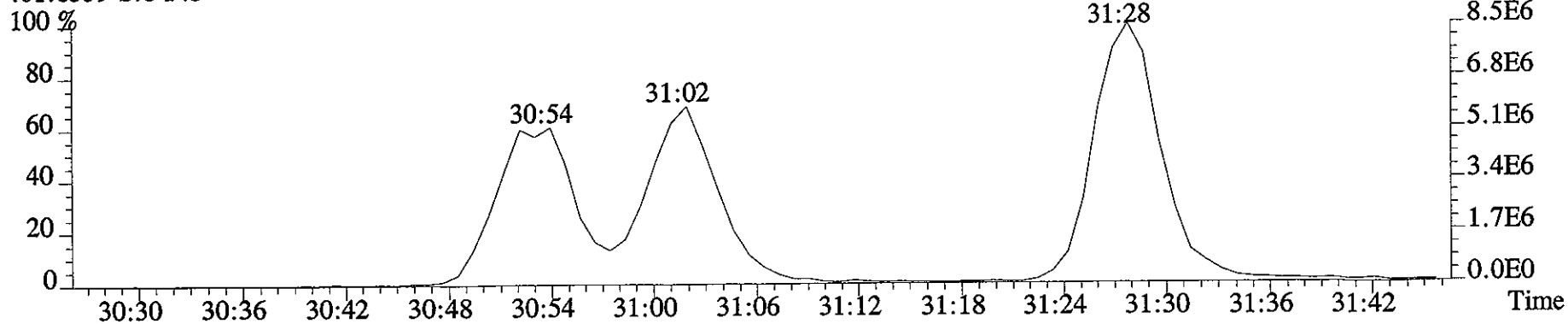
File:10JA061D5 #1-486 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN
389.8157 S:8 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7604.0,1.00%,F,T)



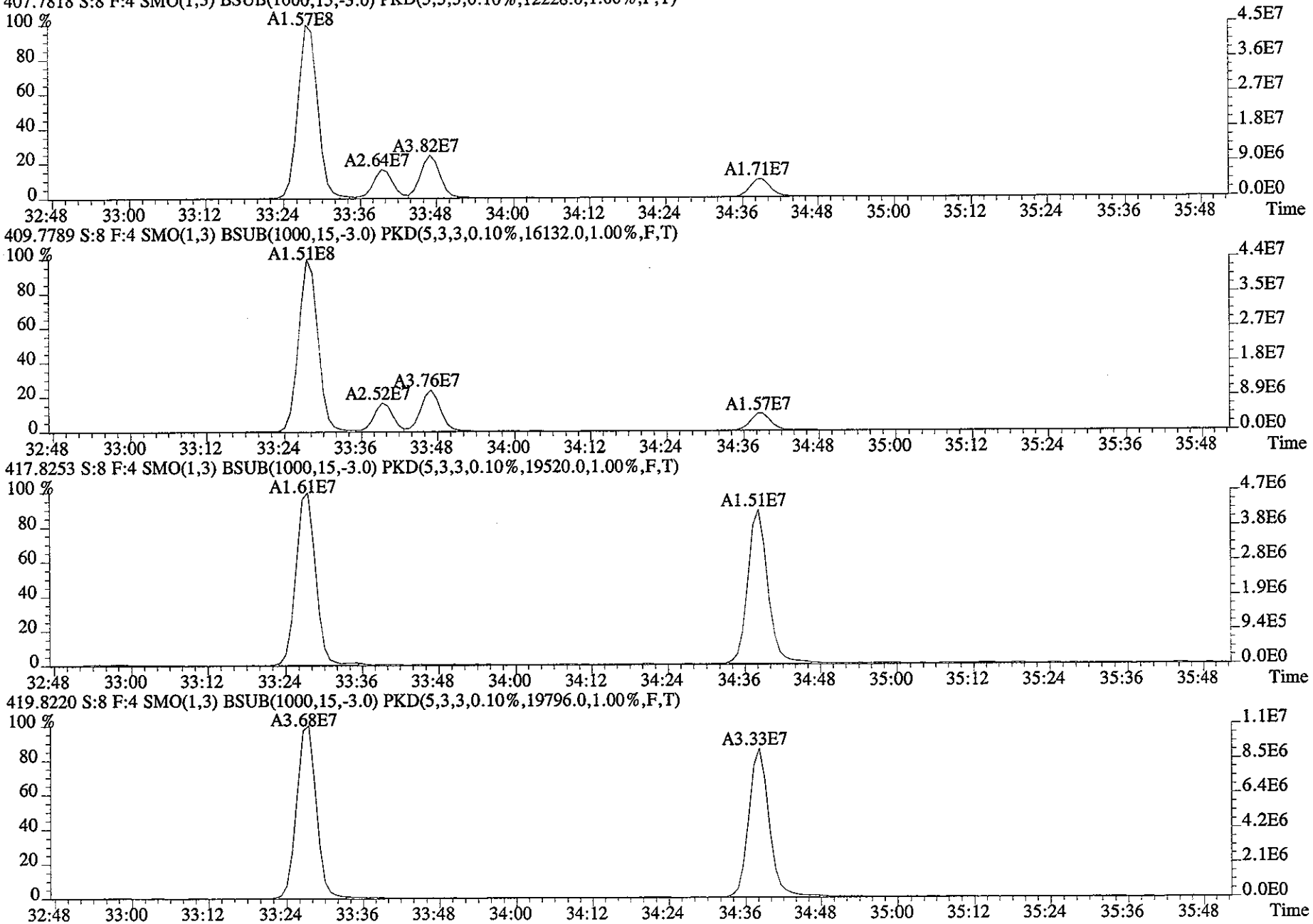
391.8127 S:8 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10000.0,1.00%,F,T)



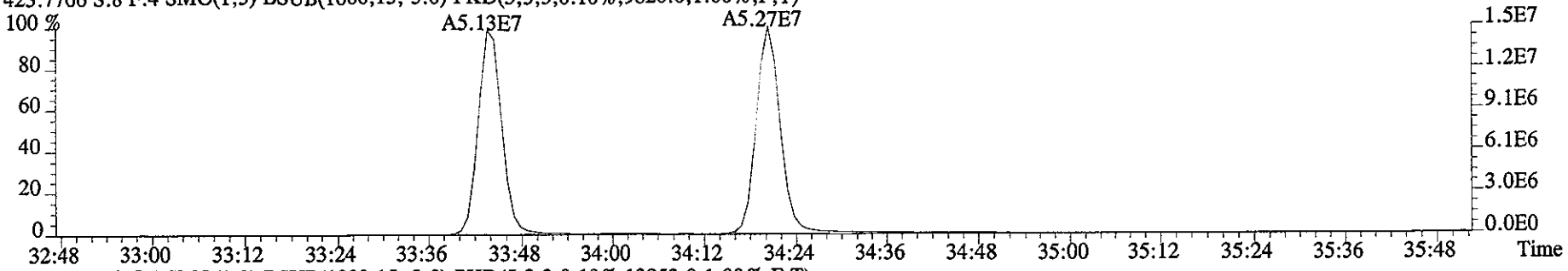
401.8559 S:8 F:3



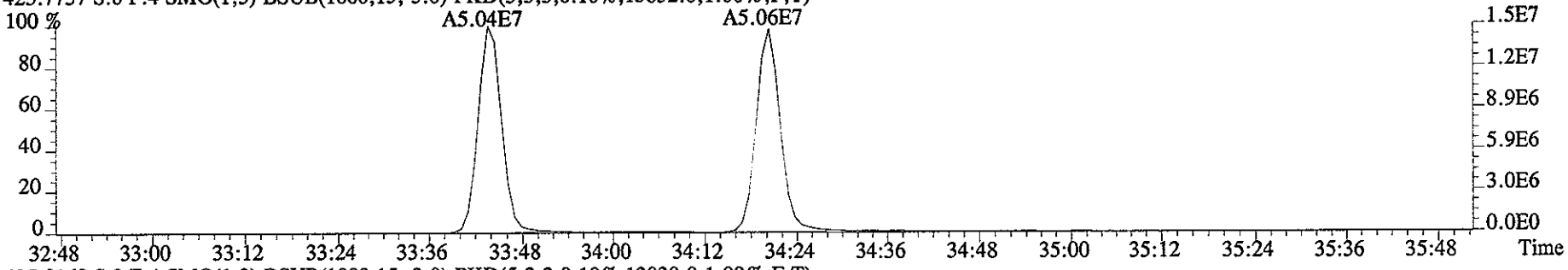
File:10JA061D5 #1-218 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN



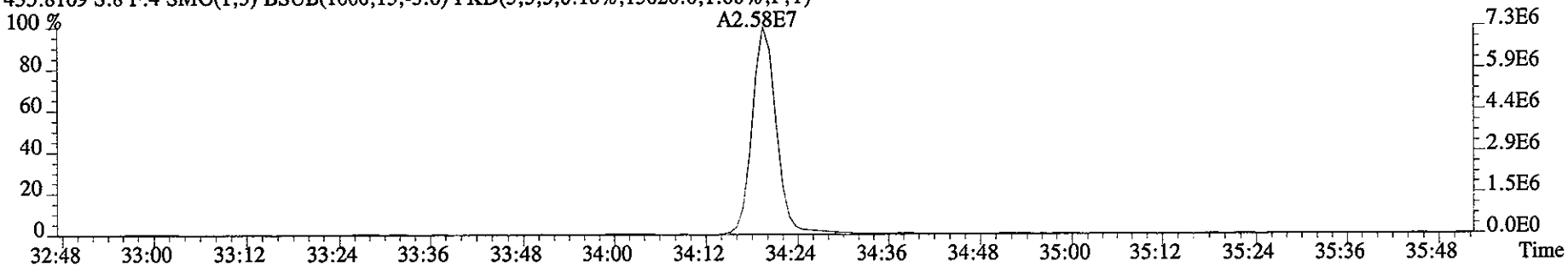
File:10JA061D5 #1-218 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN
423.7766 S:8 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9820.0,1.00%,F,T)



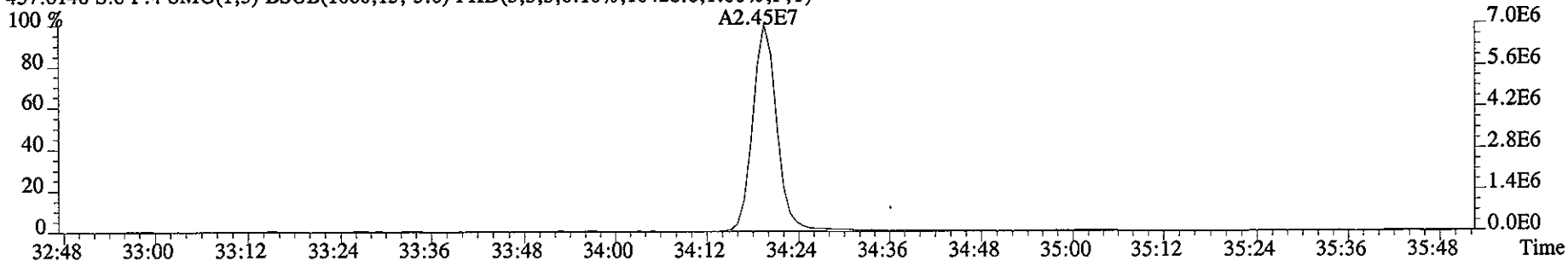
425.7737 S:8 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13852.0,1.00%,F,T)



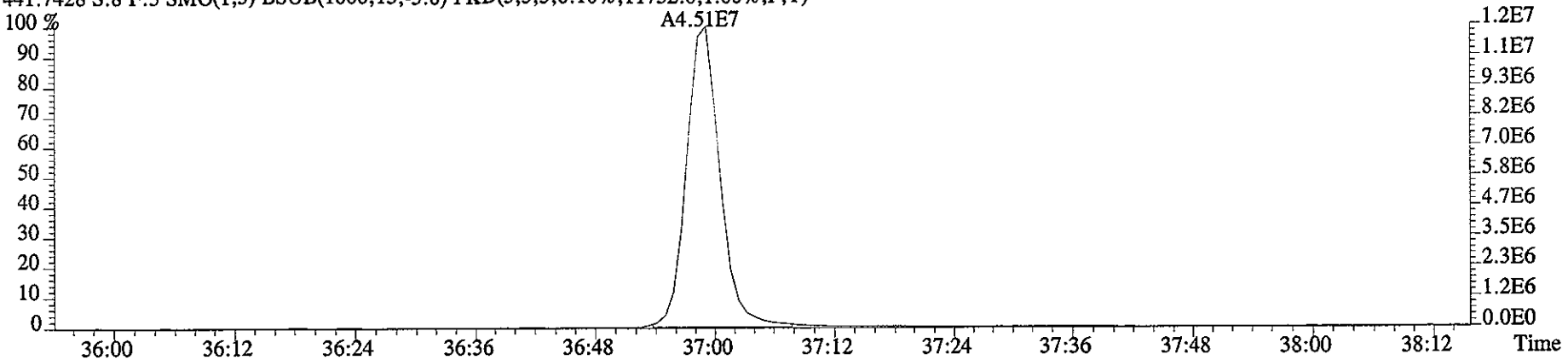
435.8169 S:8 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13020.0,1.00%,F,T)



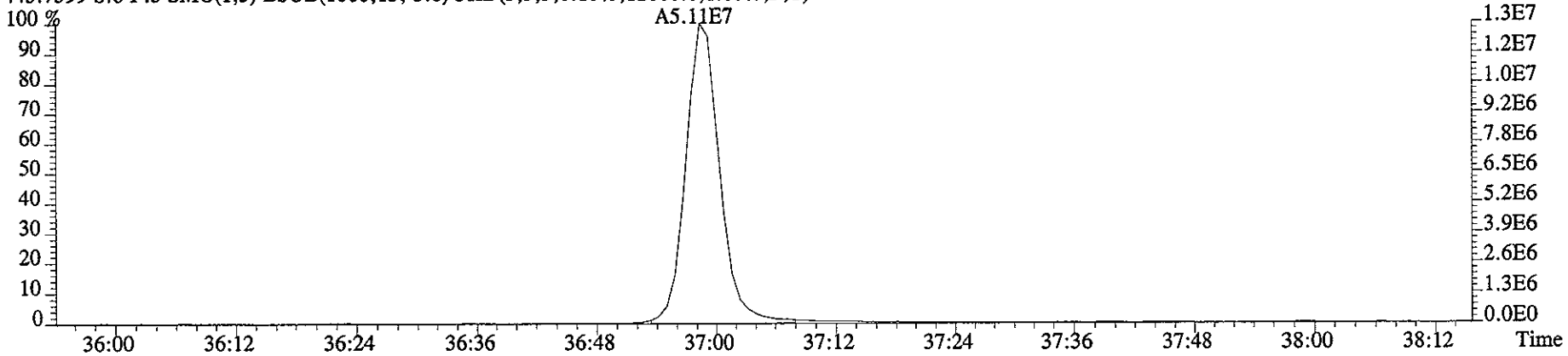
437.8140 S:8 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10428.0,1.00%,F,T)



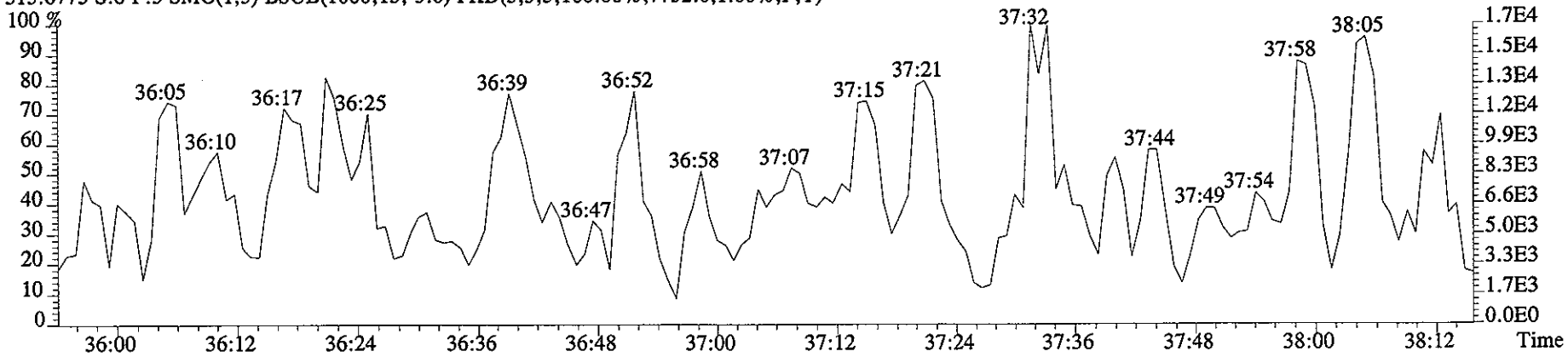
File:10JA061D5 #1-171 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN
441.7428 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11752.0,1.00%,F,T)



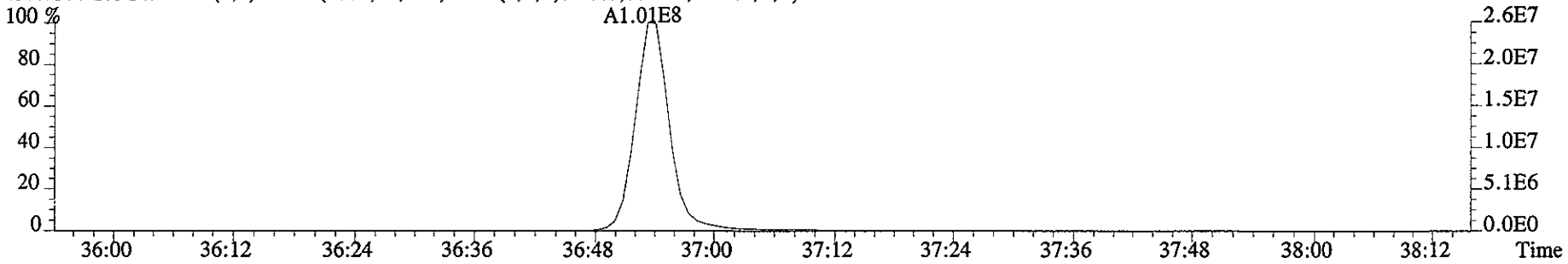
443.7399 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12060.0,1.00%,F,T)



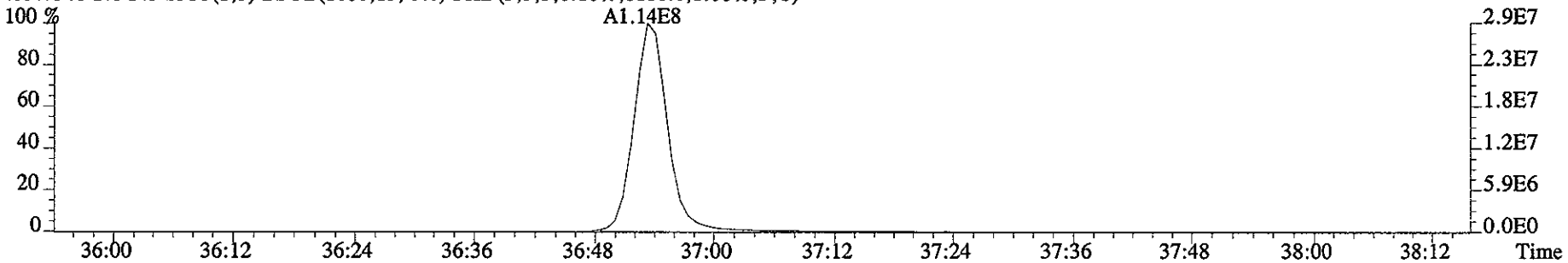
513.6775 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,7752.0,1.00%,F,T)



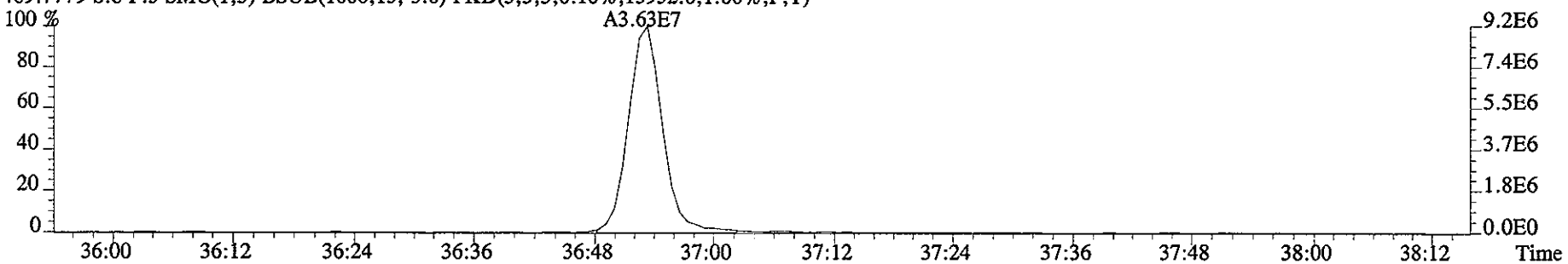
File:10JA061D5 #1-171 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN
457.7377 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8076.0,1.00%,F,T)



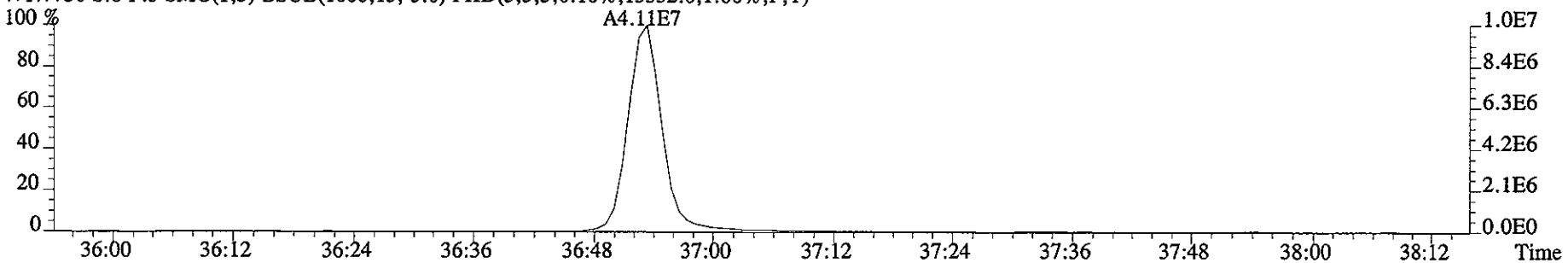
459.7348 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8188.0,1.00%,F,T)



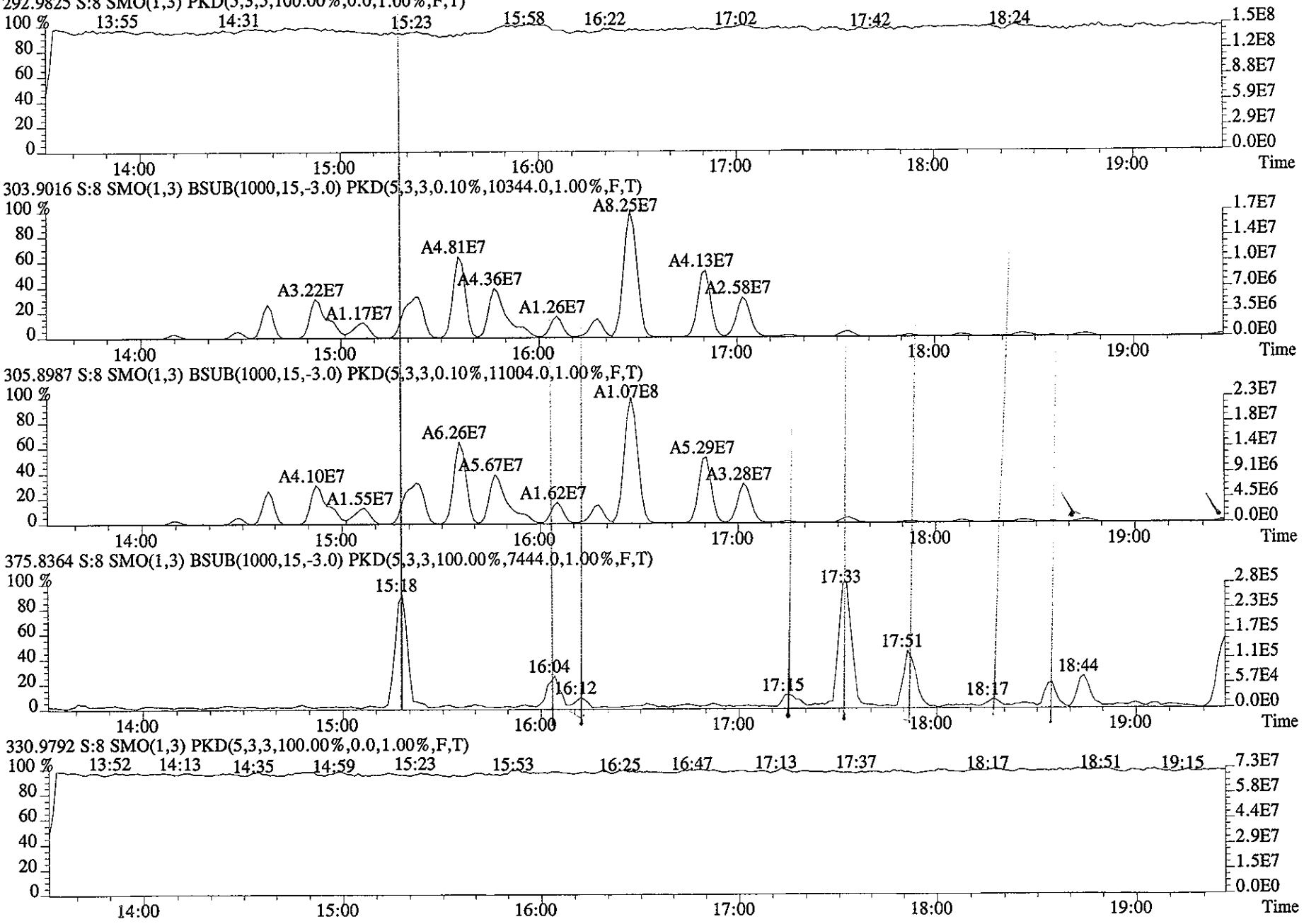
469.7779 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13952.0,1.00%,F,T)



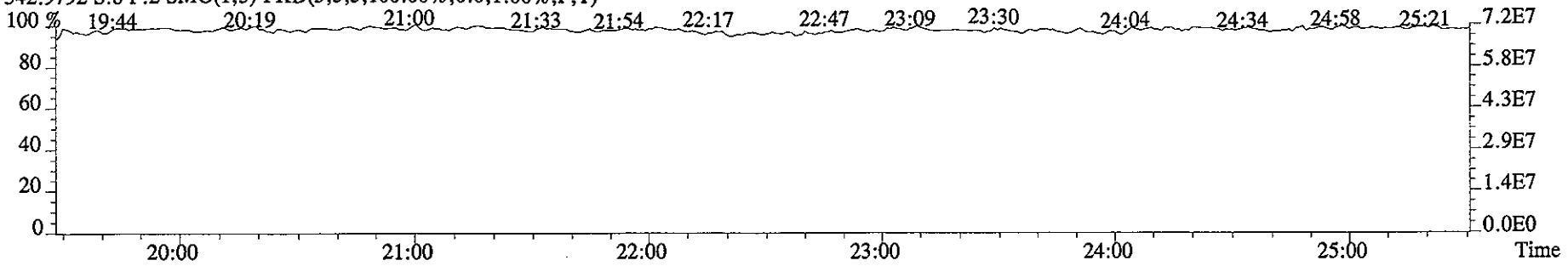
471.7750 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13332.0,1.00%,F,T)



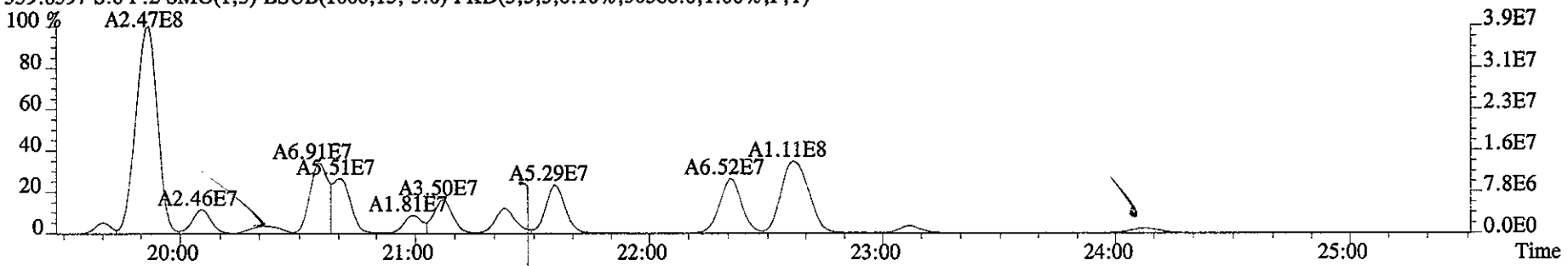
File:10JA061D5 #1-322 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN



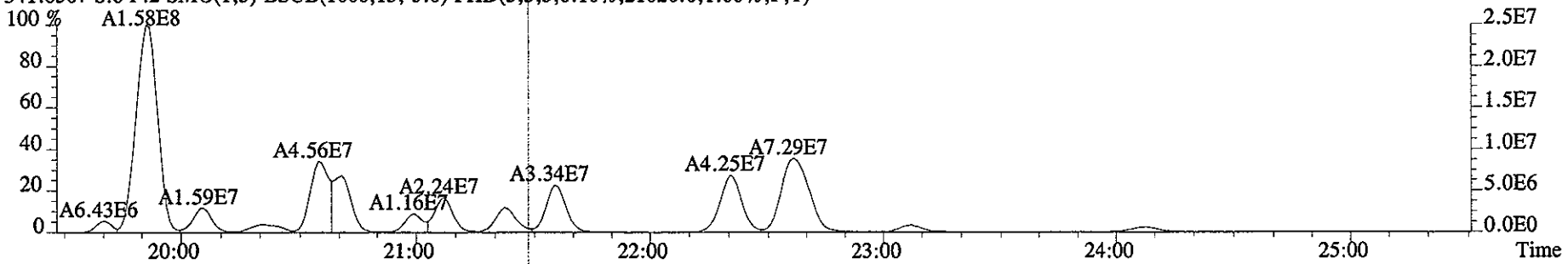
File:10JA061D5 #1-426 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN
342.9792 S:8 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



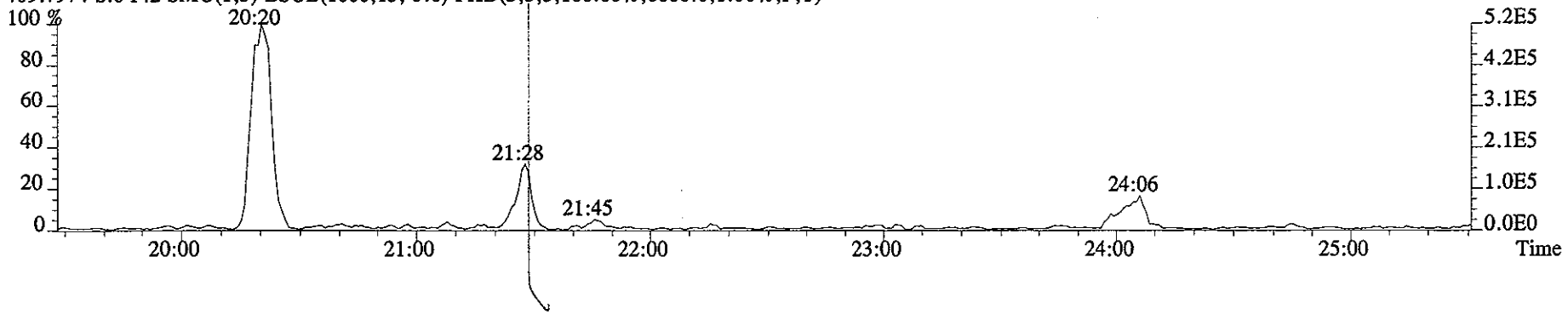
339.8597 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,30588.0,1.00%,F,T)



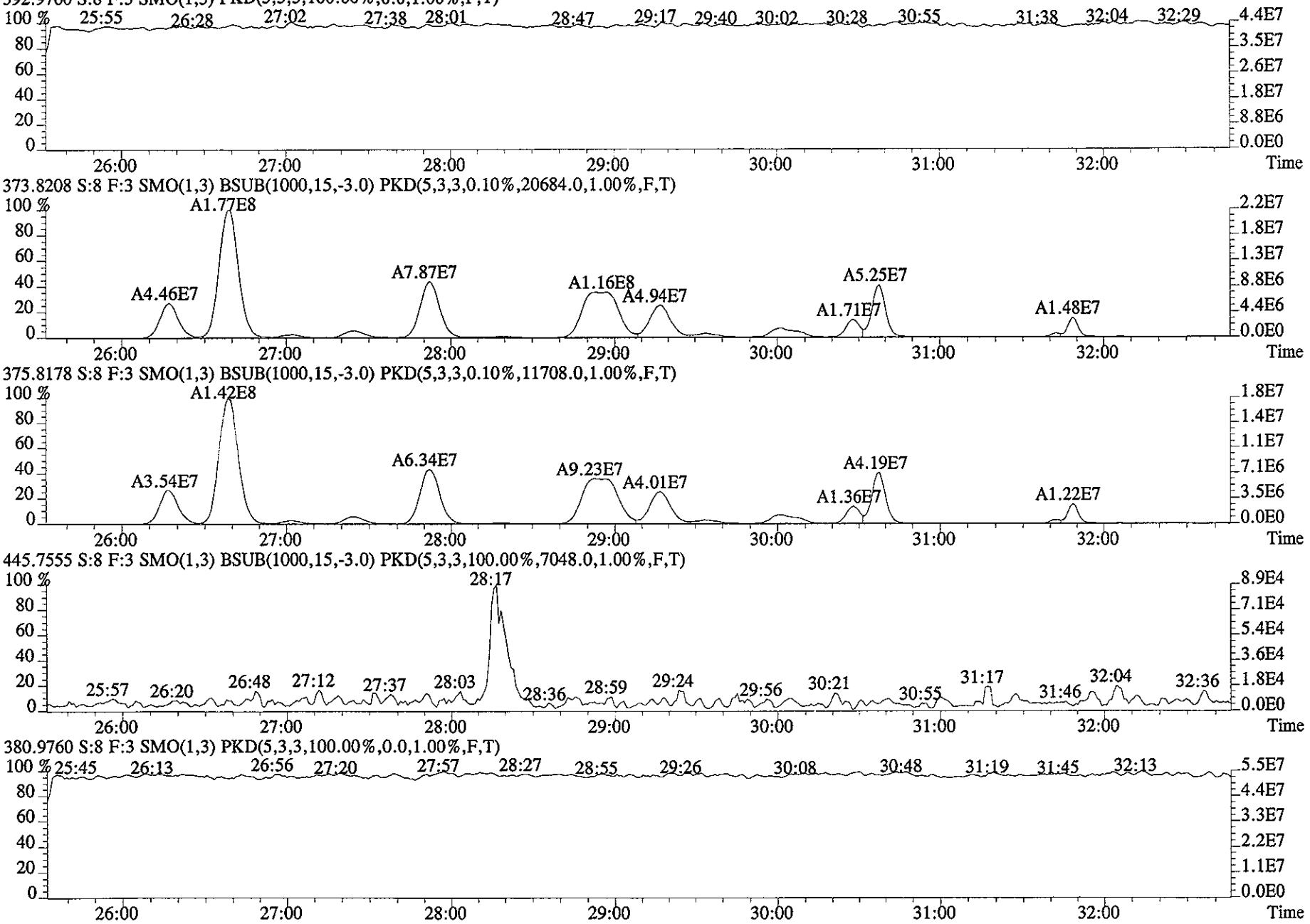
341.8567 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21020.0,1.00%,F,T)



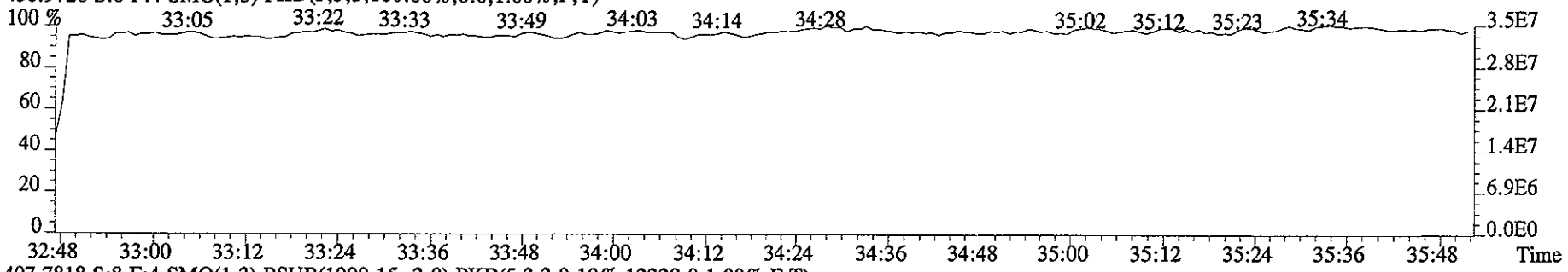
409.7974 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6600.0,1.00%,F,T)



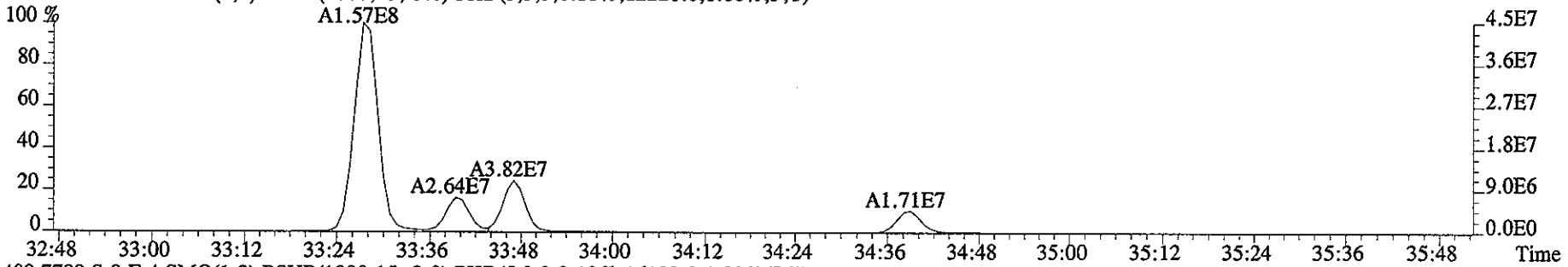
File:10JA061D5 #1-486 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN



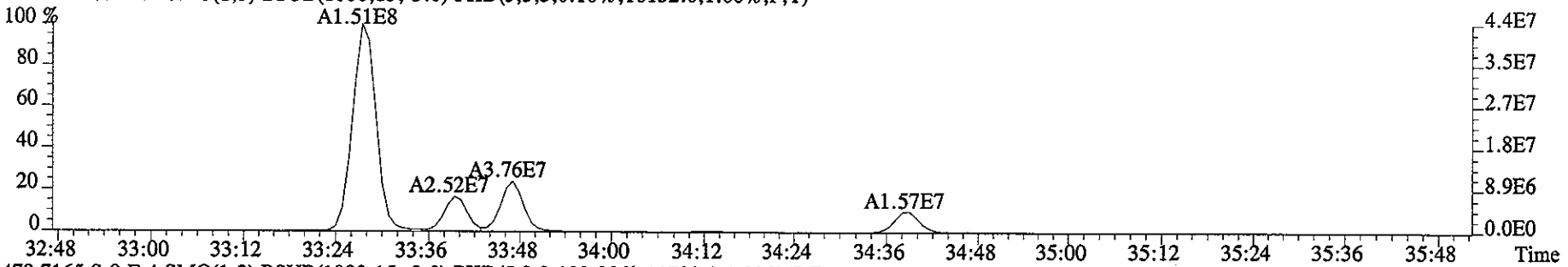
File:10JA061D5 #1-218 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN
430.9728 S:8 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



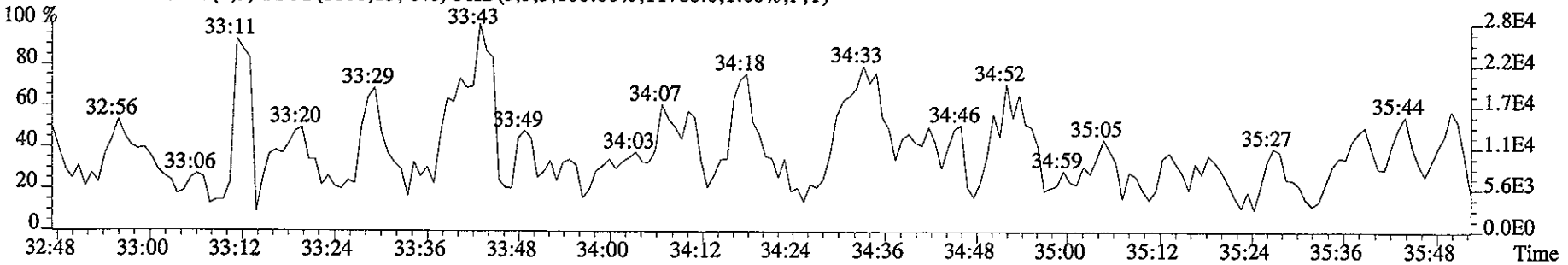
407.7818 S:8 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12228.0,1.00%,F,T)



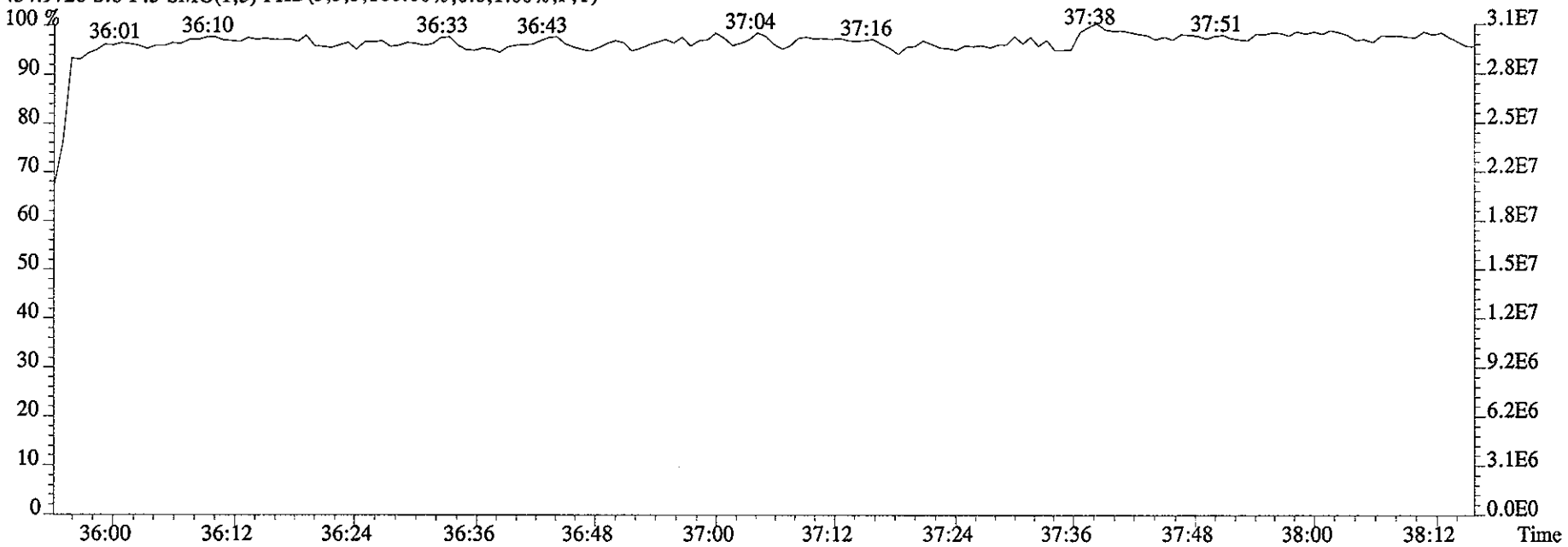
409.7789 S:8 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16132.0,1.00%,F,T)



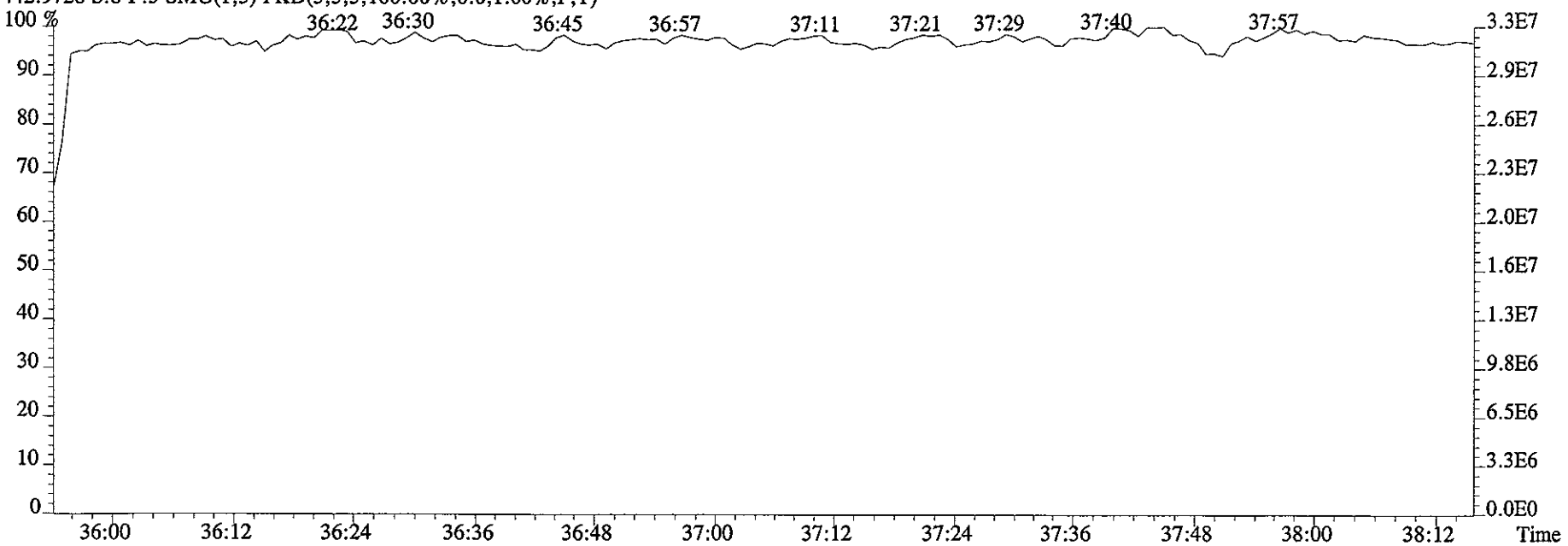
479.7165 S:8 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,11788.0,1.00%,F,T)



File:10JA061D5 #1-171 Acq:10-JAN-2006 14:26:53 GC EI+ Voltage SIR 70SE
Sample#8 Text:HT1WT-1-AC :G5L300272-10 Exp:DIOXIN
454.9728 S:8 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:8 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

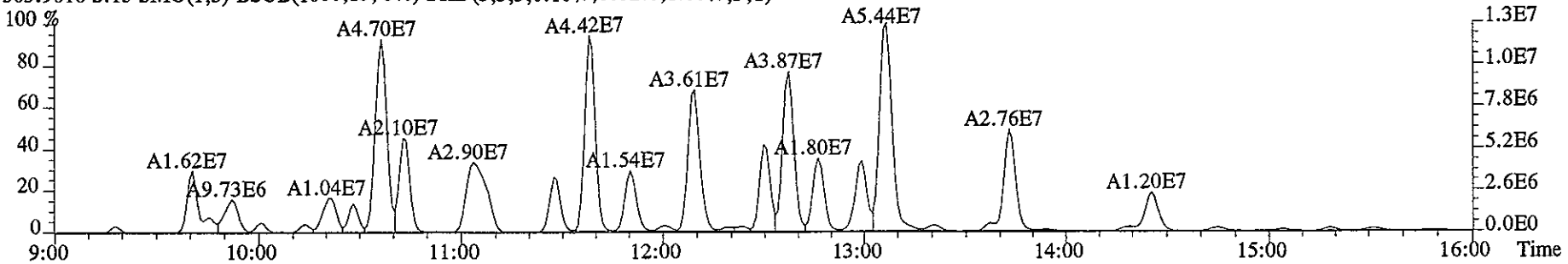


Run text: HT1WT-1-AC Sample text: HT1WT-1-AC :G5L300272-10
Run #18 Filename: 10JA067D2 S: 15 I: 1 Results: 10JA067D2DB225
Acquired: 10-JAN-06 18:14:56 Processed: 11-JAN-06 09:08:09
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

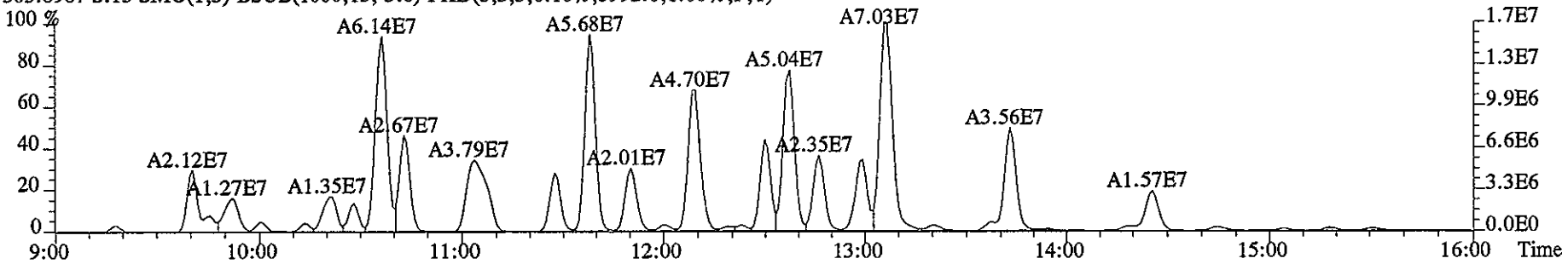
Name	Resp	RA	RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	76091100	0.81 y	11:41	-	3.90		-	-	n
13C-2,3,7,8-TCDF	98340200	0.82 y	12:36	1.50	172.88		0.30	86.4	n
2,3,7,8-TCDF	89021800	0.77 y	12:37	0.92	197.01	CCV	0.31	-	n
13C-2,3,7,8-TCDD	49683200	0.79 y	11:29	0.81	161.70		0.40	80.8	n
2,3,7,8-TCDD	7332710	0.79 y	11:31	1.23	23.96		0.41	-	n
37Cl-2,3,7,8-TCDD	57504200	1.00 y	11:30	1.96	76.99		0.10	96.2	n

File:10JA067D2 #1-1169 Acq:10-JAN-2006 18:14:56 GC EI+ Voltage SIR 70S
Sample#15 Text:HT1WT-1-AC :G5L300272-10 Exp:DB225

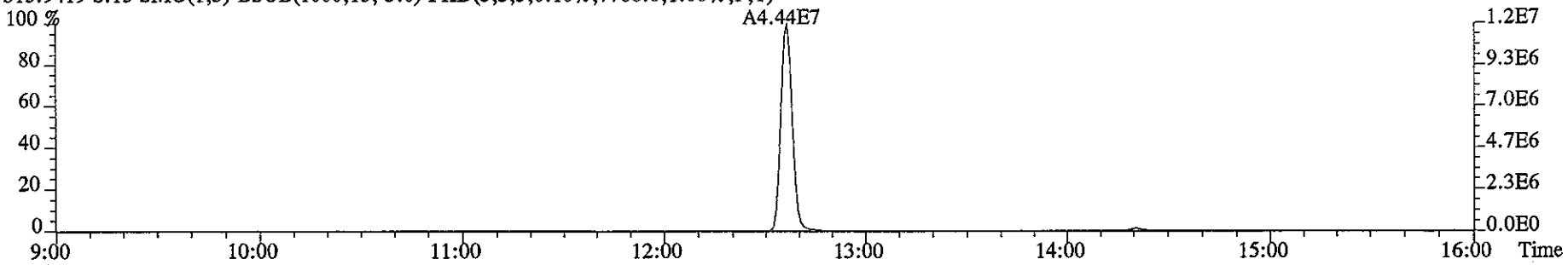
303.9016 S:15 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6052.0,1.00%,F,T)



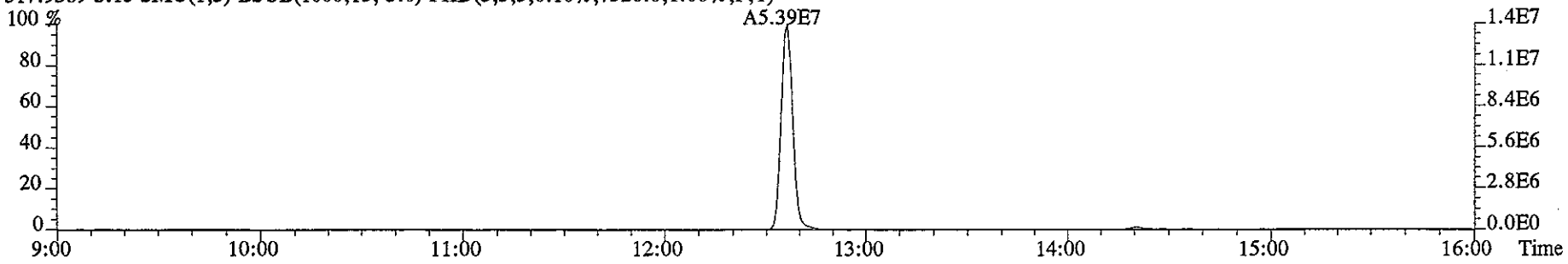
305.8987 S:15 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5992.0,1.00%,F,T)



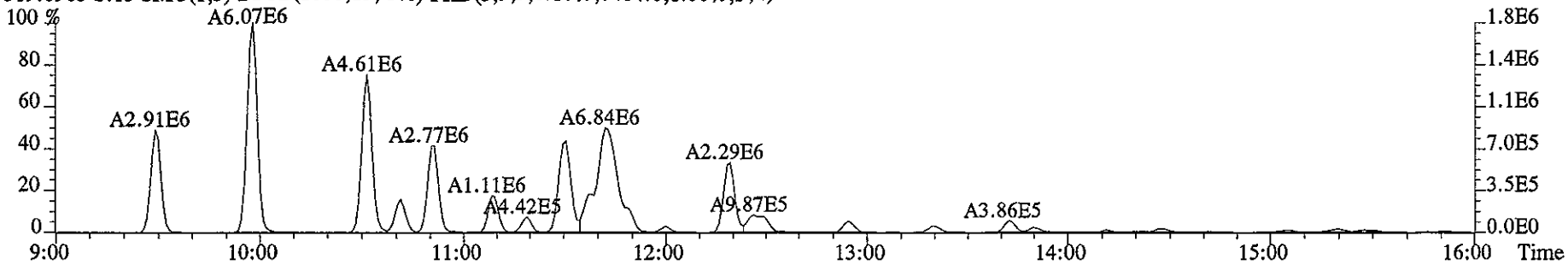
315.9419 S:15 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7788.0,1.00%,F,T)



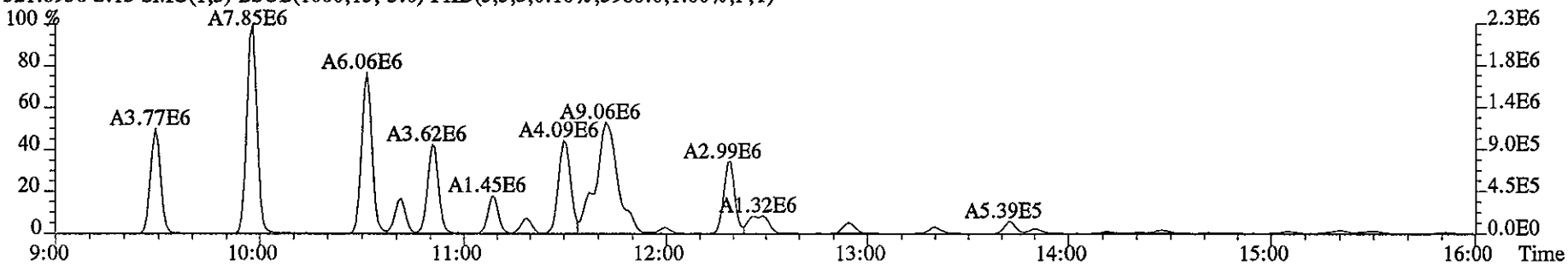
317.9389 S:15 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7328.0,1.00%,F,T)



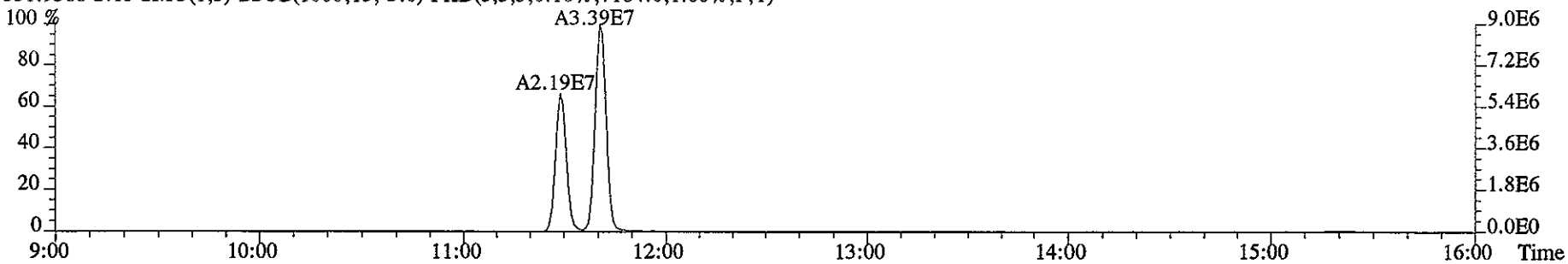
File:10JA067D2 #1-1169 Acq:10-JAN-2006 18:14:56 GC EI+ Voltage SIR 70S
Sample#15 Text:HT1WT-1-AC :G5L300272-10 Exp:DB225
319.8965 S:15 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7404.0,1.00%,F,T)



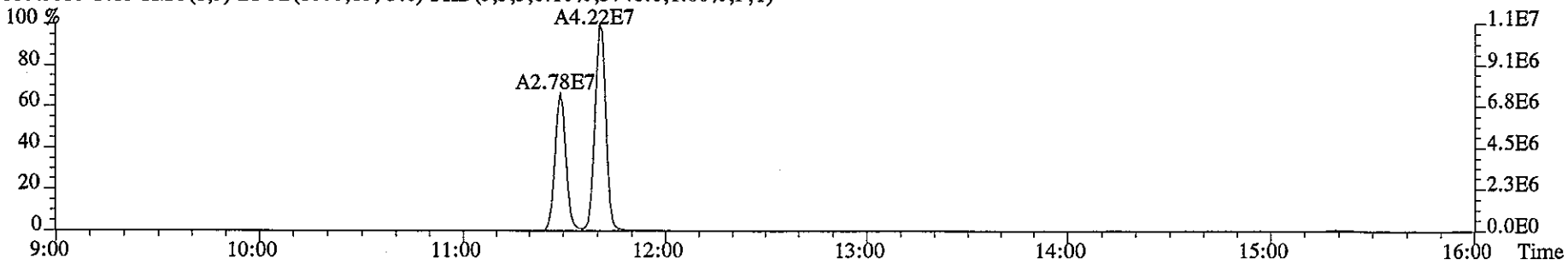
321.8936 S:15 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3980.0,1.00%,F,T)



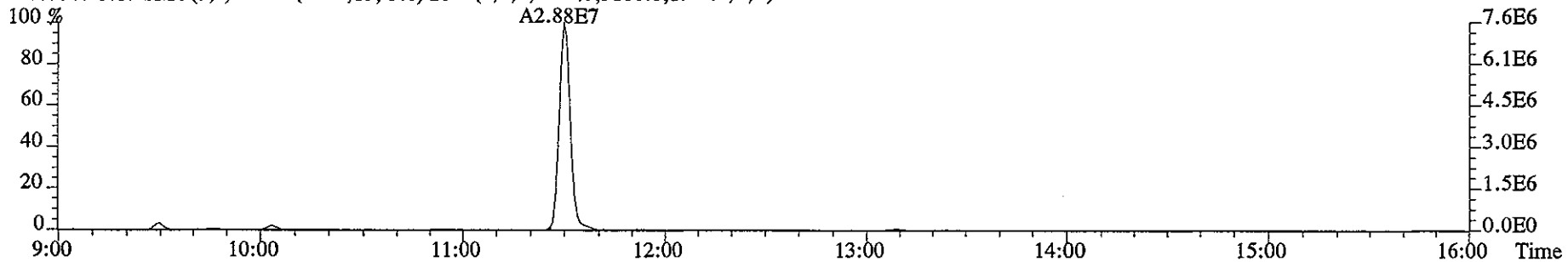
331.9368 S:15 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7184.0,1.00%,F,T)



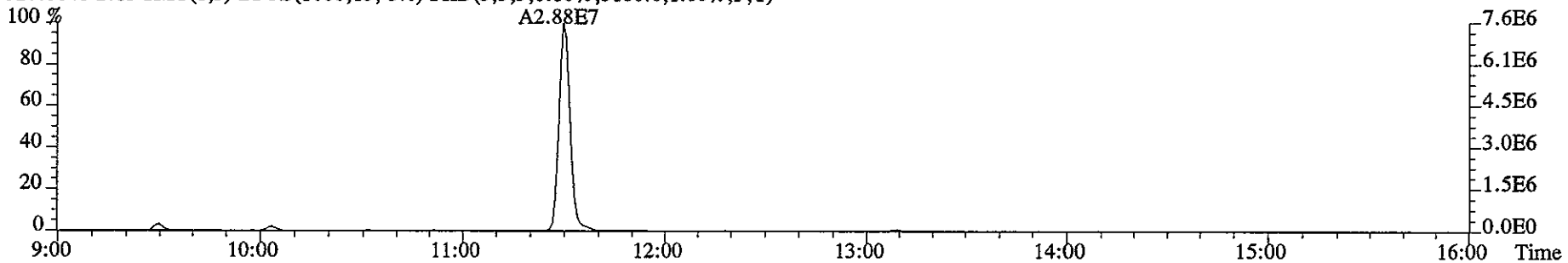
333.9339 S:15 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3748.0,1.00%,F,T)



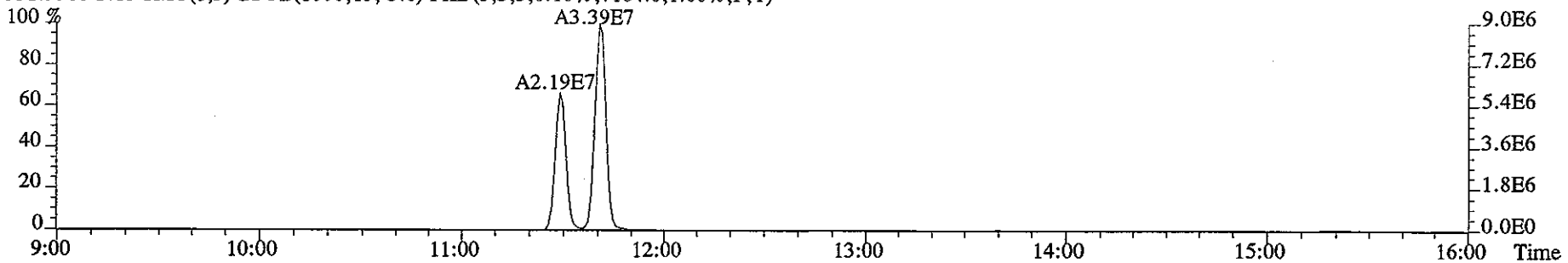
File:10JA067D2 #1-1169 Acq:10-JAN-2006 18:14:56 GC EI+ Voltage SIR 70S
Sample#15 Text:HT1WT-1-AC :G5L300272-10 Exp:DB225
327.8840 S:15 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3180.0,1.00%,F,T)



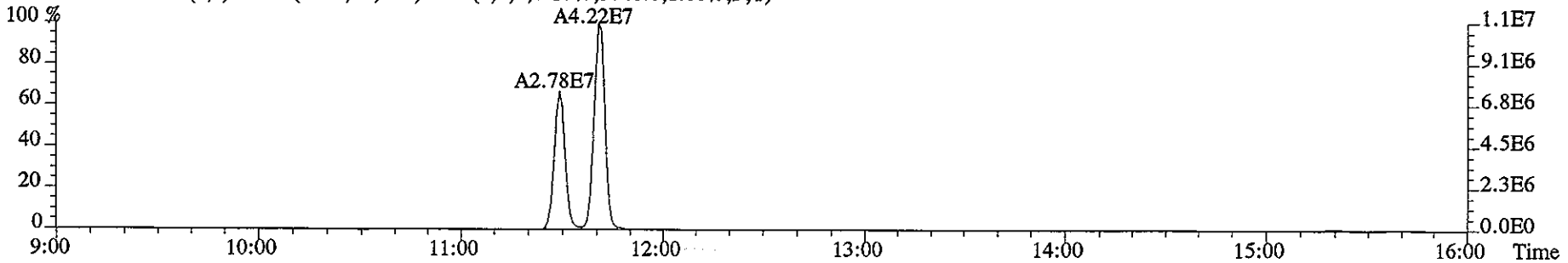
327.8840 S:15 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3180.0,1.00%,F,T)



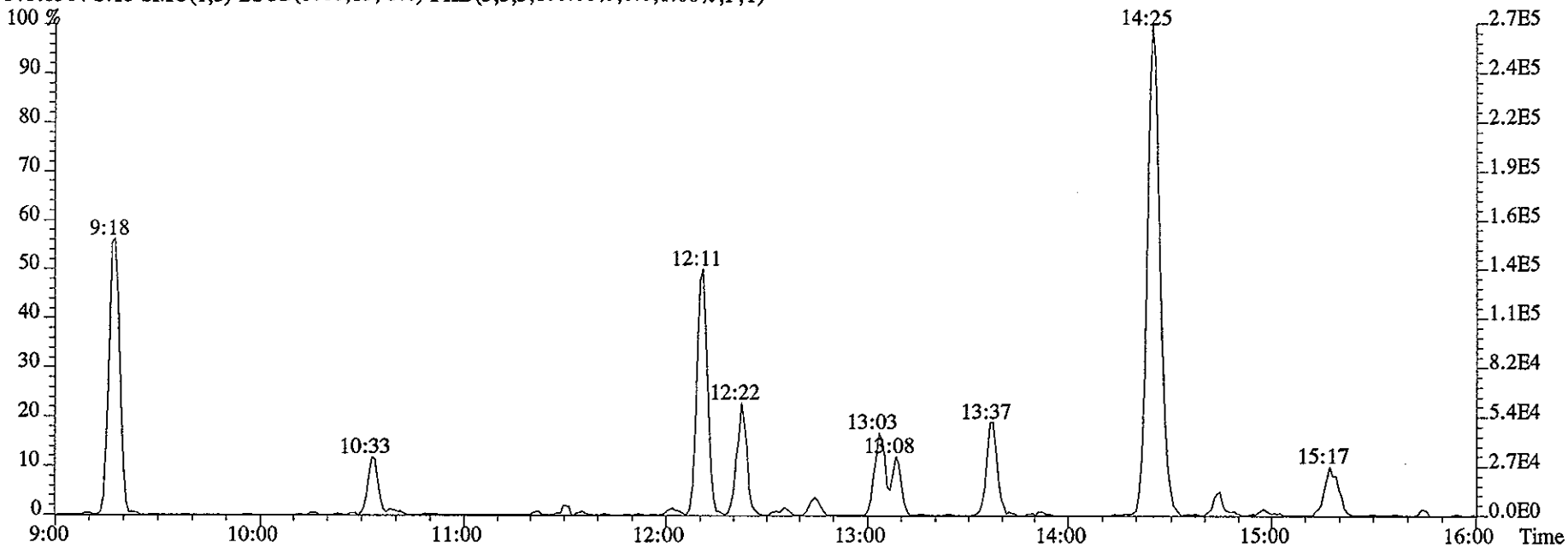
331.9368 S:15 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7184.0,1.00%,F,T)



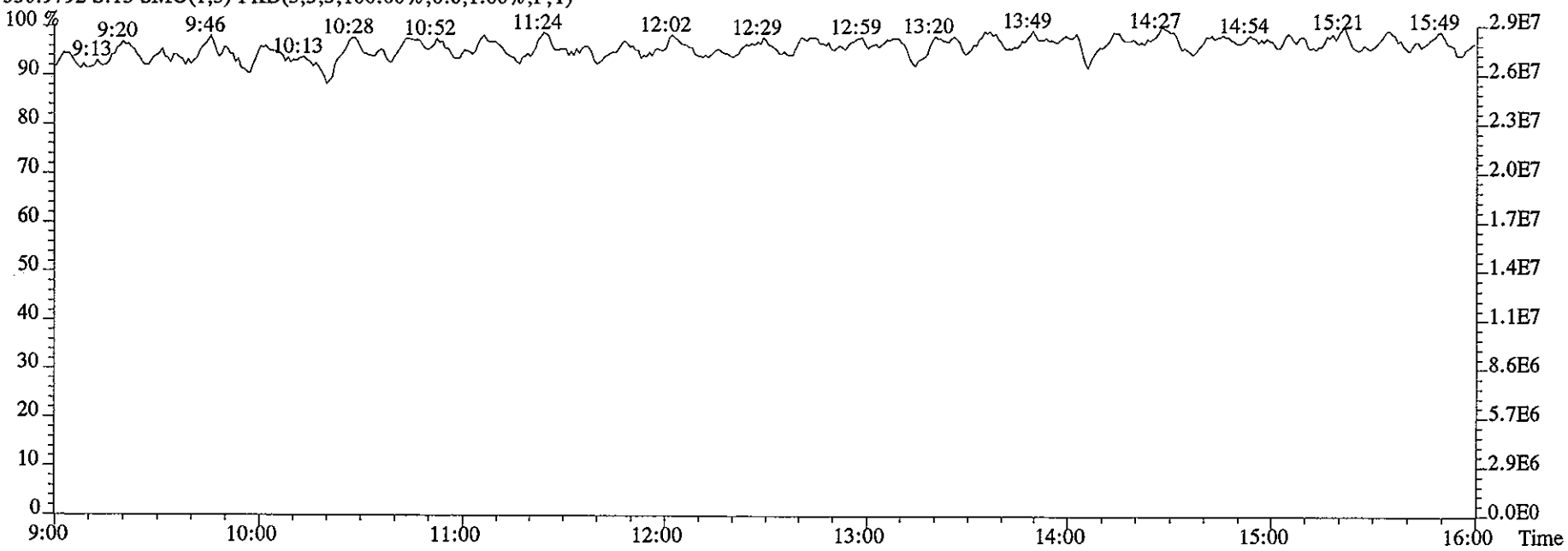
333.9339 S:15 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3748.0,1.00%,F,T)



File:10JA067D2 #1-1169 Acq:10-JAN-2006 18:14:56 GC EI+ Voltage SIR 70S
Sample#15 Text:HT1WT-1-AC :G5L300272-10 Exp:DB225
375.8364 S:15 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



330.9792 S:15 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1WW-1-AC Sample text: HT1WW-1-AC :G5L300272-11
Run #12 Filename: 10JA061D5 S: 9 I: 1 Results: 10JA061D58290
Acquired: 10-JAN-06 15:08:33 Processed: 10-JAN-06 16:04:25
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	74575500	0.81	y	16:57	-	7.13	-	-	n
13C-2,3,7,8-TCDF	85987300	0.80	y	16:28	1.68	137.04	0.52	68.5	n
2,3,7,8-TCDF	1003439	0.85	y	16:31	1.16	2.01 See DB225	0.40	-	n
Total TCDF	3544218	0.60	n	14:42	1.16	~~7.09~~ 5.71	0.40	-	n
13C-2,3,7,8-TCDD	47817400	0.82	y	17:08	0.90	143.10	1.13	71.6	n
2,3,7,8-TCDD	*	*	n	NotFnd	1.32	*	0.55	-	n
Total TCDD	83529	1.22	n	15:21	1.32	~~0.26~~	0.55	-	n
37Cl-2,3,7,8-TCDD	53357800	1.00	y	17:09	2.44	58.54	0.32	73.2	n
13C-1,2,3,7,8-PeCDF	78795500	1.60	y	21:06	1.54	136.78	0.56	68.4	n
1,2,3,7,8-PeCDF	247055	1.94	n	21:08	1.00	~~0.62~~	0.67	-	n
2,3,4,7,8-PeCDF	850563	1.35	y	22:22	1.05	2.06 DL	0.64	-	n
Total F2 PeCDF	5241744	1.24	n	19:54	1.03	~~12.93~~	0.66	-	n
Total F1 PeCDF	692821	0.42	n	14:47	1.03	~~1.71~~ 7.12	0.48	-	n
13C-1,2,3,7,8-PeCDD	54355400	1.57	y	22:59	0.91	159.50	0.71	79.7	n
1,2,3,7,8-PeCDD	*	*	n	NotFnd	1.04	*	0.86	-	n
Total PeCDD	268003	1.55	y	20:05	1.04	~~0.95~~	0.86	-	n
13C-1,2,3,7,8,9-HxCDD	61877500	1.29	y	31:27	-	6.43	-	-	n
13C-1,2,3,4,7,8-HxCDF	55679800	0.54	y	28:56	1.38	130.12	1.10	65.1	n
1,2,3,4,7,8-HxCDF	685100	2.26	n	28:58	1.11	2.22 DL	1.17	-	n
1,2,3,6,7,8-HxCDF	410052	1.68	n	29:17	1.14	1.29 L	1.14	-	n
2,3,4,6,7,8-HxCDF	618984	1.28	y	30:38	1.06	2.09	1.22	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	~~1.02~~ adj 1.02	*	1.28	-	n
Total HxCDF	5609934	0.94	n	26:17	1.08	~~18.52~~ 11.33	1.20	-	n
13C-1,2,3,6,7,8-HxCDD	45124600	1.28	y	31:02	0.96	152.30	1.09	76.2	n
1,2,3,4,7,8-HxCDD	*	*	n	NotFnd	0.95	*	1.01	-	n
1,2,3,6,7,8-HxCDD	163909	0.67	n	31:04	1.00	~~0.73~~	0.96	-	n
1,2,3,7,8,9-HxCDD	127083	1.06	y	31:26	1.04	0.54	0.92	-	n
Total HxCDD	789838	0.50	n	29:42	1.00	3~~.48~~	~~0.96~~ 1.20	-	n
13C-1,2,3,4,6,7,8-HpCDF	48168000	0.45	y	33:27	1.13	137.84	1.74	68.9	n
1,2,3,4,6,7,8-HpCDF	1844546	1.02	y	33:27	1.31	5.84	0.59	-	n
1,2,3,4,7,8,9-HpCDF	154067	0.63	n	34:39	1.19	~~0.54~~	0.64	-	n
Total HpCDF	3243929	1.02	y	33:27	1.25	~~10.52~~ 9.31	0.61	-	n
13C-1,2,3,4,6,7,8-HpCDD	47765800	1.07	y	34:19	1.00	154.69	1.34	77.3	n
1,2,3,4,6,7,8-HpCDD	1603127	0.95	y	34:20	0.95	7.08	0.69	-	n
Total HpCDD	3375485	0.69	n	32:57	0.95	~~14.90~~ 13.11	0.69	-	n
13C-OCDD	66786800	0.95	y	36:53	~~0.81~~ 0.64	266.71	1.84	84.4 ~~66.7~~	n
OCDF	977649	0.94	y	36:58	1.32	4.44 DL	1.07	-	n
OCDD	18581200	0.90	y	36:54	1.00	110.75	1.34		n

Run Text: HT1WW-1-AC Sample text: HT1WW-1-AC :G5L300272-11

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:9
Run: 12 File: 10JA061D5 S:9 Acq:10-JAN-06 15:08:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	70.89 of which	20.07 named and	50.82 unnamed
Conc:	7.09 of which	2.01 named and	5.08 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:42	0.60	n	0.24	51802	2.2	n	n
						85657	2.4	n	n
	2	14:56	0.58	n	0.35	75338	2.9	n	n
						130347	3.8	y	n
	3	15:23	0.91	n	0.59 JA	150176	3.0	n	n
						165270	2.9	n	n
	4	15:39	0.81	y	1.23	275136	9.0	y	n
						337633	9.2	y	n
	5	15:50	0.70	y	0.91	187612	4.8	y	n
						267803	3.3	y	n
	6	16:08	0.71	y	0.47	98427	2.7	n	n
						138840	2.8	n	n
2,3,7,8-TCDF	7	16:31	0.85	y	2.01	461151	12.6	y	n
						542288	13.5	y	n
	8	16:52	0.81	y	0.97	215328	6.3	y	n
						267395	6.2	y	n
	9	17:04	0.38	n	0.34	73007	2.4	n	n
						190574	4.1	y	n

Run Text: HT1WW-1-AC Sample text: HT1WW-1-AC :G5L300272-11

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:1
Run: 12 File: 10JA061D5 S:9 Acq:10-JAN-06 15:08:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	2.64 of which	* named and	2.64 unnamed
Conc:	0.26 of which	* named and	0.26 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:21	1.22	n	0.26	57604	2.2	n	n
						47192	2.0	n	n

Run Text: HT1WW-1-AC Sample text: HT1WW-1-AC :G5L300272-11

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:8
Run: 12 File: 10JA061D5 S:9 Acq:10-JAN-06 15:08:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	129.30 of which	26.83 named and	102.47	unnamed
Conc:	12.93 of which	2.68 named and	10.25	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	19:54	1.24	n	4.36 JA	1072590	25.2	y	n
						866505	15.6	y	n
	2	20:36	1.16	n	1.29	316453	8.5	y	n
						273174	7.4	y	n
	3	20:42	0.80	n	0.44	108651	4.2	y	n
						135165	2.9	n	n
1,2,3,7,8-PeCDF	4	21:08	1.94	n	0.62	187602	4.2	y	n
						96884	2.9	n	n
	5	21:36	1.39	y	1.08	254337	6.8	y	n
						182655	3.9	y	n
2,3,4,7,8-PeCDF	6	22:22	1.35	y	2.06	487864	12.0	y	n
						362699	6.0	y	n
	7	22:38	1.37	y	2.76	645944	10.6	y	n
						471131	6.8	y	n
	8	22:54	1.78	y	0.31	80776	1.9	n	n
						45335	1.9	n	n

Run Text: HT1WW-1-AC Sample text: HT1WW-1-AC :G5L300272-11

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:3
Run: 12 File: 10JA061D5 S:9 Acq:10-JAN-06 15:08:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	17.13 of which	* named and	17.13	unnamed
Conc:	1.71 of which	* named and	1.71	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:47	0.42	n	0.24	59052	2.9	n	n
						139485	3.5	y	n
	2	18:09	0.95	n	0.33	80405	3.2	y	n
						84826	2.6	n	n
	3	18:27	2.05	n	1.15	373179	14.4	y	n
						181722	5.7	y	n

Run Text: HT1WW-1-AC Sample text: HT1WW-1-AC :G5L300272-11

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:3
Run: 12 File: 10JA061D5 S:9 Acq:10-JAN-06 15:08:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	9.45 of which	* named and	9.45	unnamed
Conc:	0.95 of which	* named and	0.95	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:05	1.55	y	0.52	88870	3.4	y	n
						57226	1.9	n	n
	2	21:37	1.21	n	0.23	39068	1.4	n	n
						32340	1.6	n	n
	3	22:54	2.00	n	0.20	45244	1.7	n	n
						22602	0.9	n	n

Run Text: HT1WW-1-AC Sample text: HT1WW-1-AC :G5L300272-11

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:7
Run: 12 File: 10JA061D5 S:9 Acq:10-JAN-06 15:08:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	185.15 of which	55.97 named and	129.18	unnamed
Conc:	18.52 of which	5.60 named and	12.92	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	26:17	0.94	n	1.14	190343	3.5	y	n
						201498	4.4	y	n
	2	26:38	1.26	y	6.53	1098250	18.5	y	n
						872421	19.4	y	n
	3	27:52	1.23	y	4.80	798844	12.3	y	n
						650119	14.4	y	n
1,2,3,4,7,8-HxCDF	4	28:58	2.26	n	2.22	690356	8.2	y	n
						305848	7.3	y	n
1,2,3,6,7,8-HxCDF	5	29:17	1.68	n	1.29	307745	4.7	y	n
						183059	4.0	y	n
	6	30:29	0.83	n	0.44	73248	2.2	n	n
						88610	2.8	n	n
2,3,4,6,7,8-HxCDF	7	30:38	1.28	y	2.09	347117	8.4	y	n
						271867	8.6	y	n

Run Text: HT1WW-1-AC Sample text: HT1WW-1-AC :G5L300272-11

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:4
Run: 12 File: 10JA061D5 S:9 Acq:10-JAN-06 15:08:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	34.77	of which	12.65	named and	22.12 unnamed
Conc:	3.48	of which	1.26	named and	2.21 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	29:42	0.50	n	1.01	126293	5.0	y	n
						254571	4.2	y	n
	2	29:47	0.59	n	1.20	149854	6.3	y	n
						254571	4.2	y	n
1,2,3,6,7,8-HxCDD	3	31:04	0.67	n	0.73	90735	3.4	y	n
						135562	2.9	n	n
1,2,3,7,8,9-HxCDD	4	31:26	1.06	y	0.54	65352	2.7	n	n
						61731	1.6	n	n

Run Text: HT1WW-1-AC Sample text: HT1WW-1-AC :G5L300272-11

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:4
Run: 12 File: 10JA061D5 S:9 Acq:10-JAN-06 15:08:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	105.15 of which	63.81 named and	41.35 unnamed
Conc:	10.52 of which	6.38 named and	4.13 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,6,7,8-HpCDF	1	33:27	1.02	y	5.84	930915	26.3	y	n
						913631	34.0	y	n
	2	33:40	1.08	y	0.66	102977	2.9	n	n
						95790	3.6	y	n
	3	33:47	1.07	y	3.47	541250	15.1	y	n
						505299	18.8	y	n
1,2,3,4,7,8,9-HpCDF	4	34:39	0.63	n	0.54	78544	2.9	n	n
						125015	4.0	y	n

Run Text: HT1WW-1-AC Sample text: HT1WW-1-AC :G5L300272-11

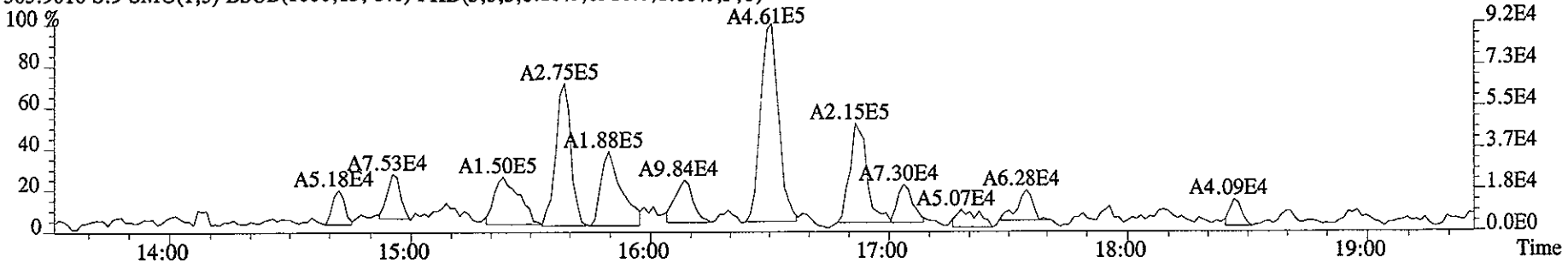
Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:5
Run: 12 File: 10JA061D5 S:9 Acq:10-JAN-06 15:08:33
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	149.02 of which	70.77 named and	78.24 unnamed
Conc:	14.90 of which	7.08 named and	7.82 unnamed

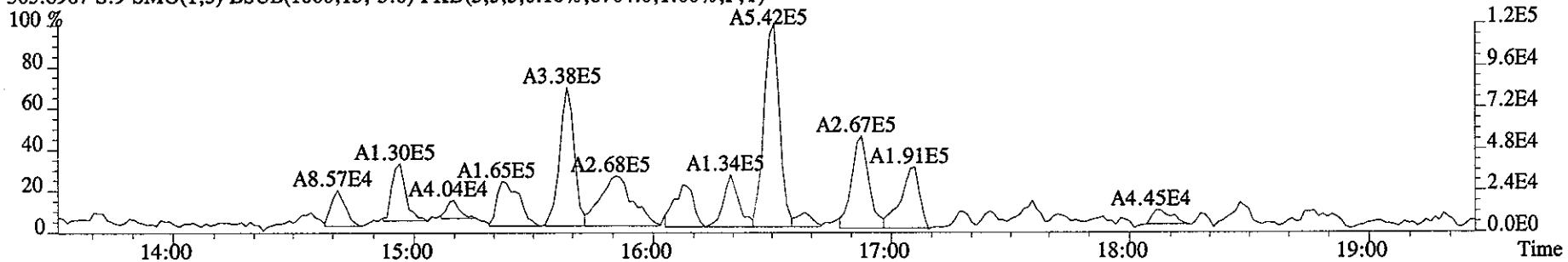
Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	32:57	0.69	n	0.48	54931	1.9	n	n
						80126	2.1	n	n
	2	33:27	4.55	n	0.32	162103	6.8	y	n
						35644	1.8	n	n
	3	33:43	1.13	y	6.03	723293	28.3	y	n
						642751	25.3	y	n
1,2,3,4,6,7,8-HpCDD	4	34:20	0.95	y	7.08	782672	29.1	y	n
						820455	29.3	y	n
	5	34:38	1.84	n	1.00	204081	8.6	y	n
						110711	4.1	y	n

File:10JA061D5 #1-322 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN

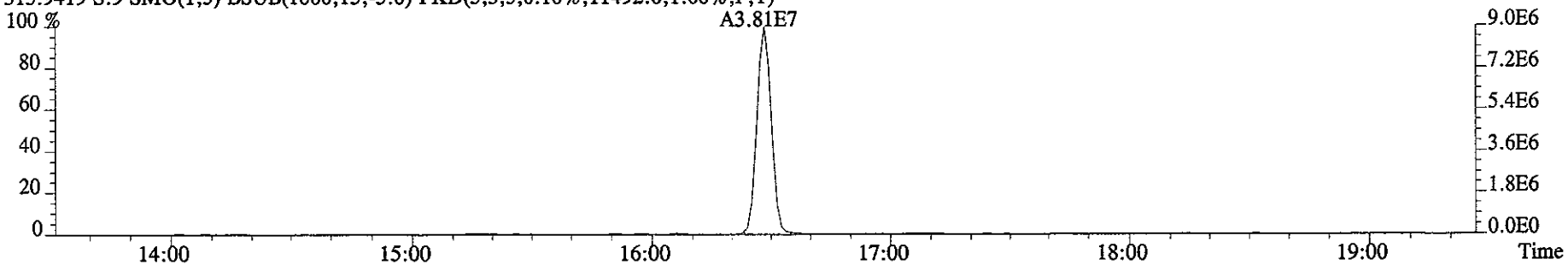
303.9016 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6916.0,1.00%,F,T)



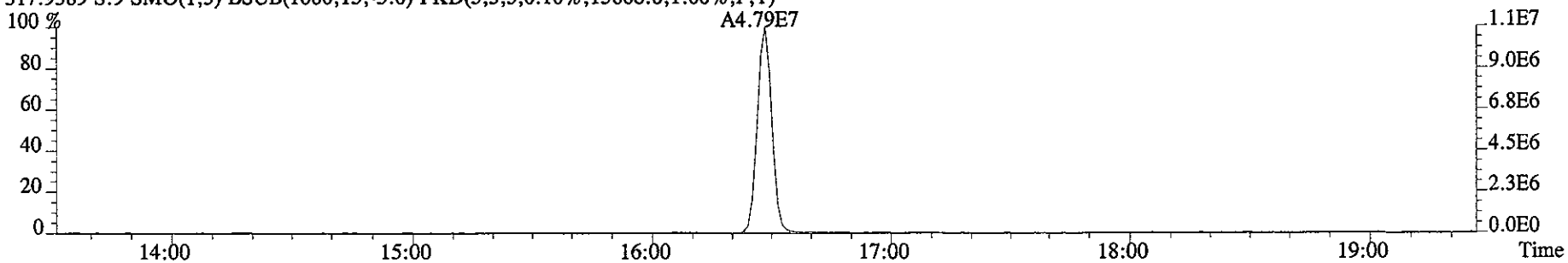
305.8987 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8704.0,1.00%,F,T)



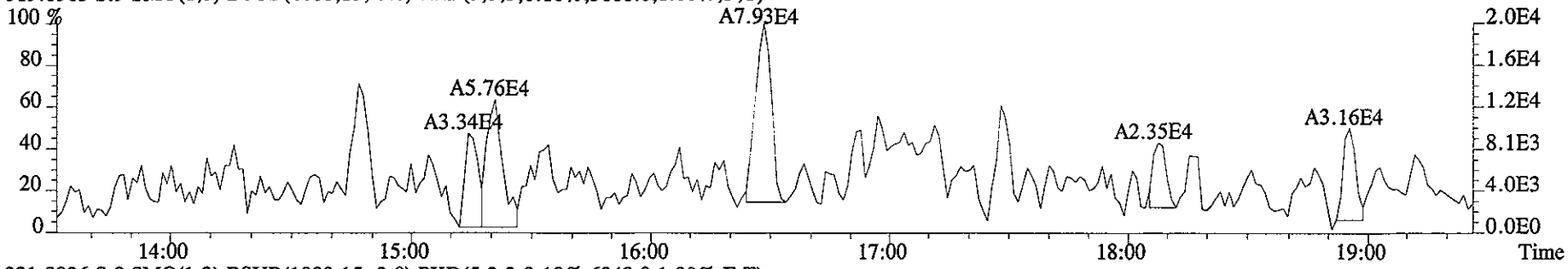
315.9419 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11492.0,1.00%,F,T)

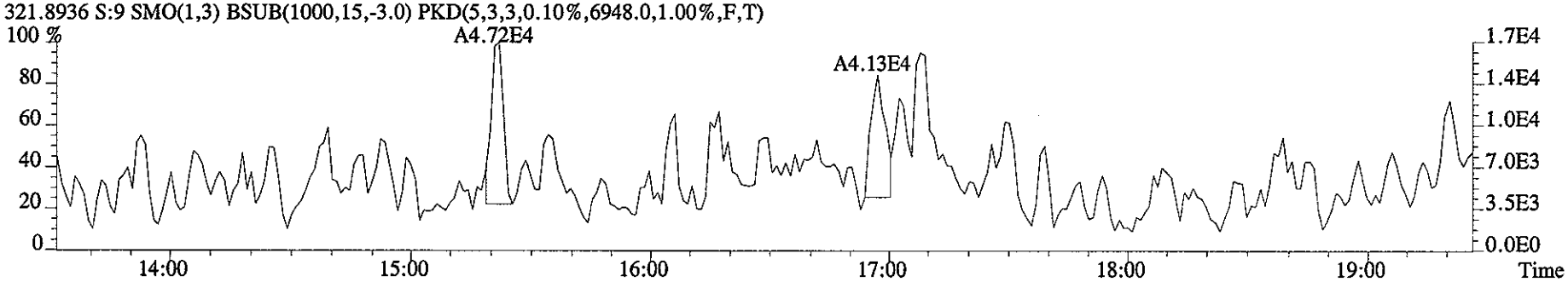


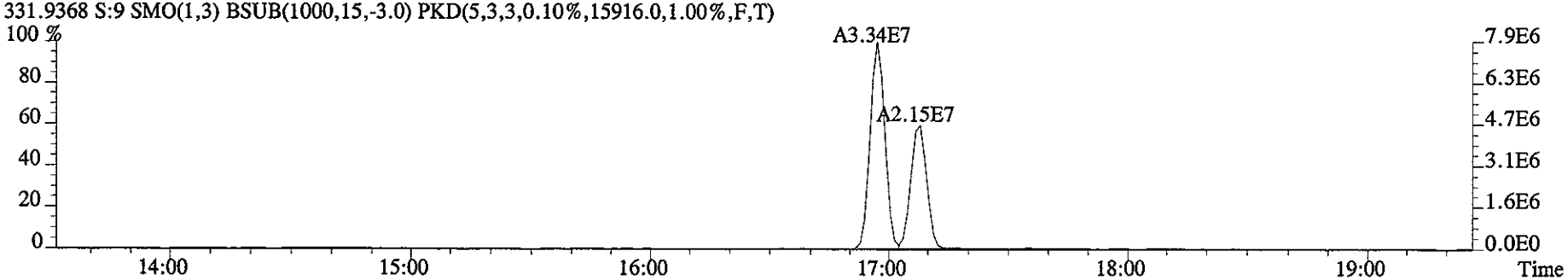
317.9389 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13668.0,1.00%,F,T)

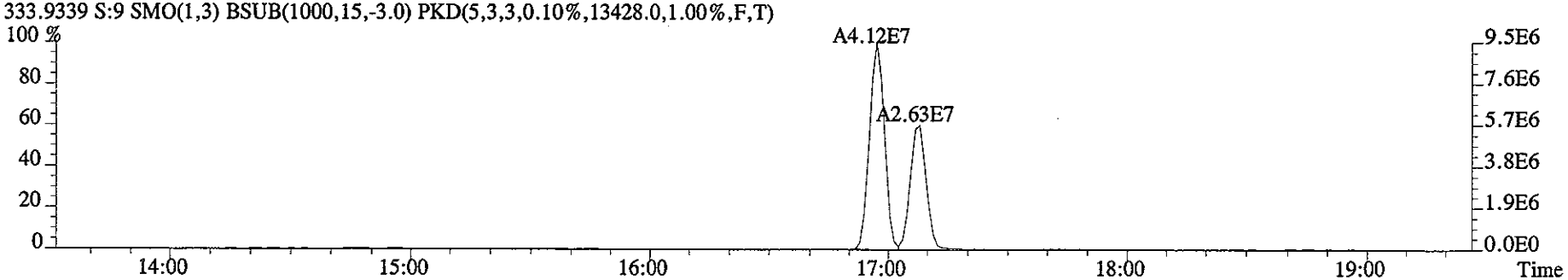


File:10JA061D5 #1-322 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN

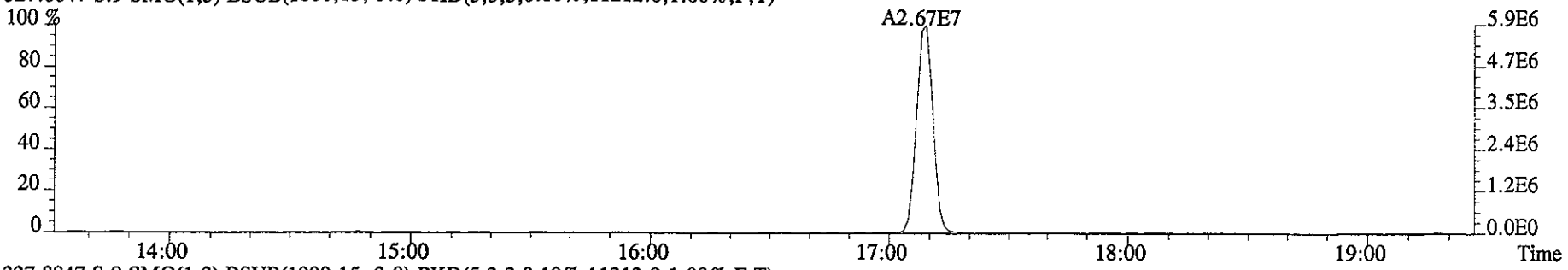




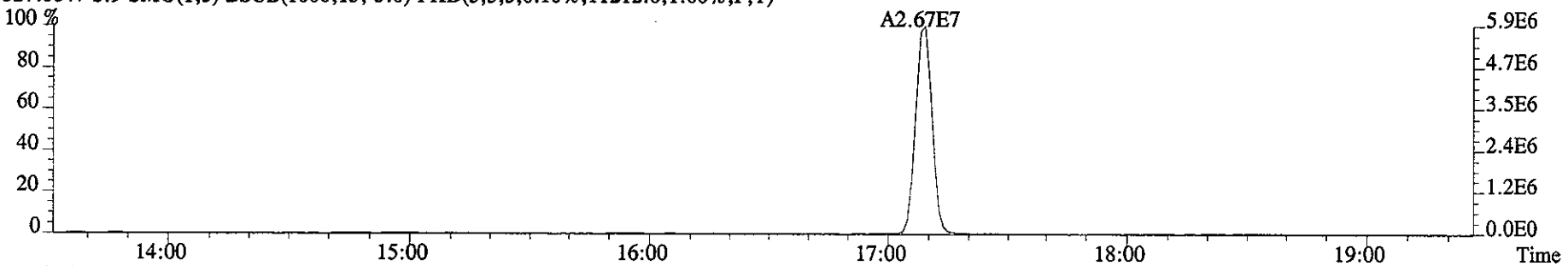




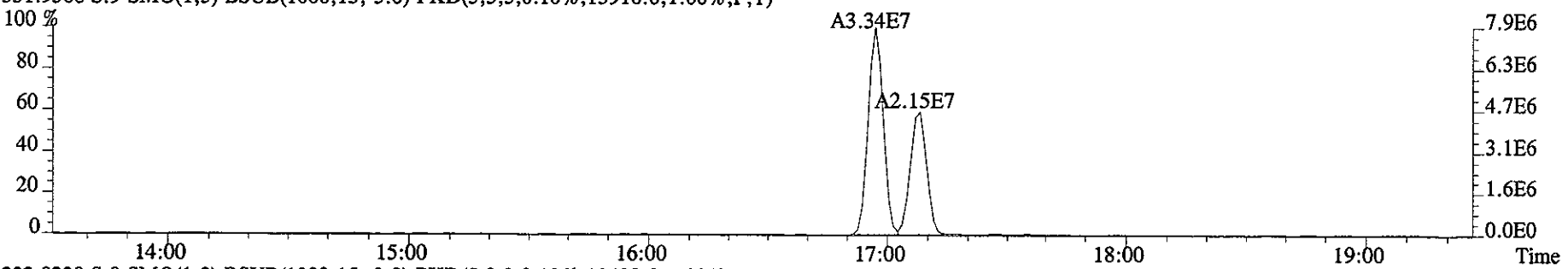
File:10JA061D5 #1-322 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN
327.8847 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11212.0,1.00%,F,T)



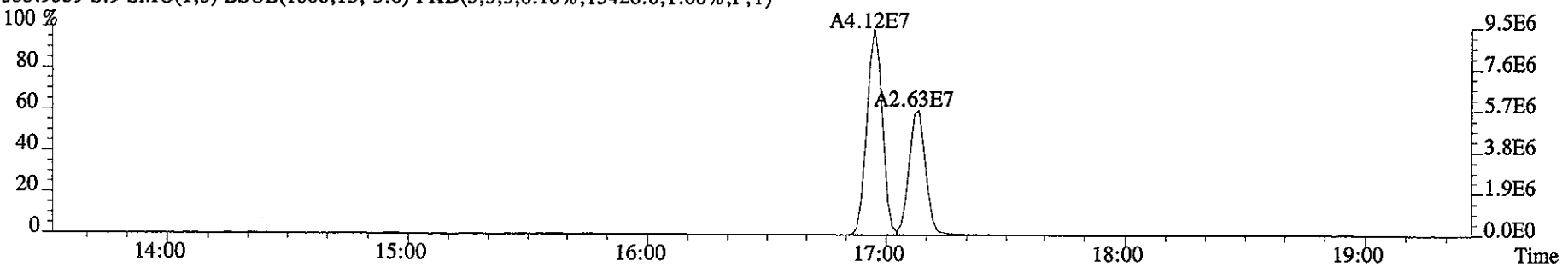
327.8847 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11212.0,1.00%,F,T)



331.9368 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15916.0,1.00%,F,T)

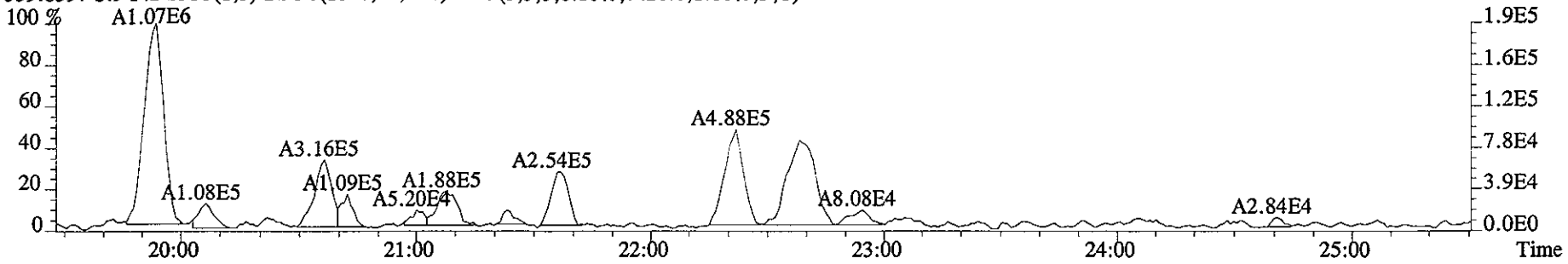


333.9339 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13428.0,1.00%,F,T)

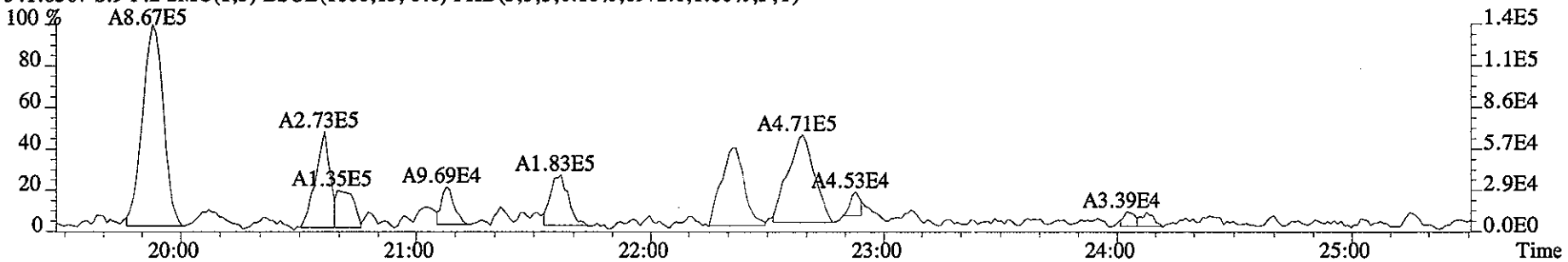


File:10JA061D5 #1-426 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN

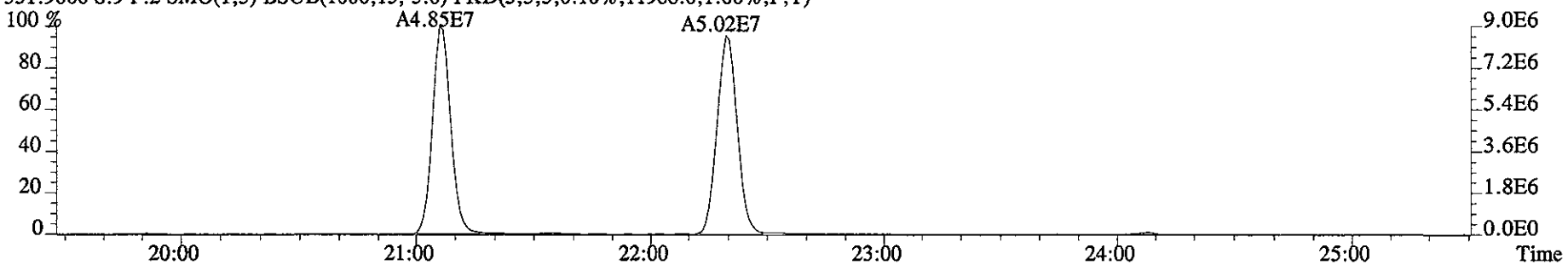
339.8597 S:9 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7428.0,1.00%,F,T)



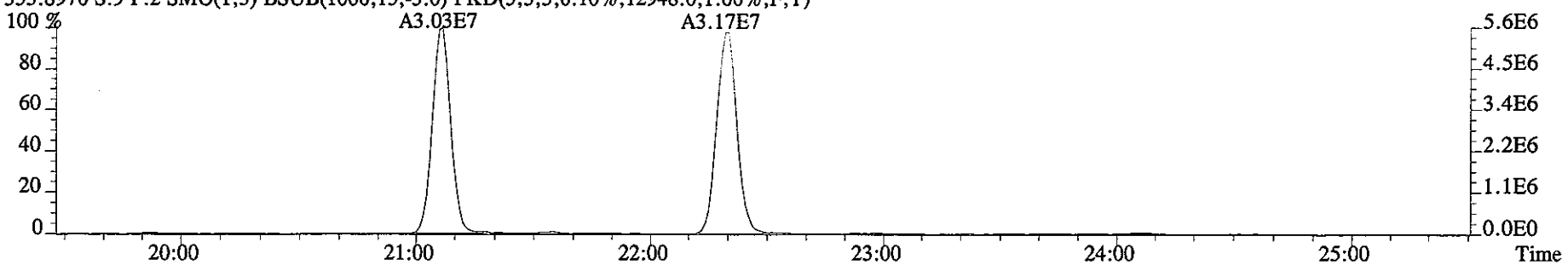
341.8567 S:9 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8972.0,1.00%,F,T)



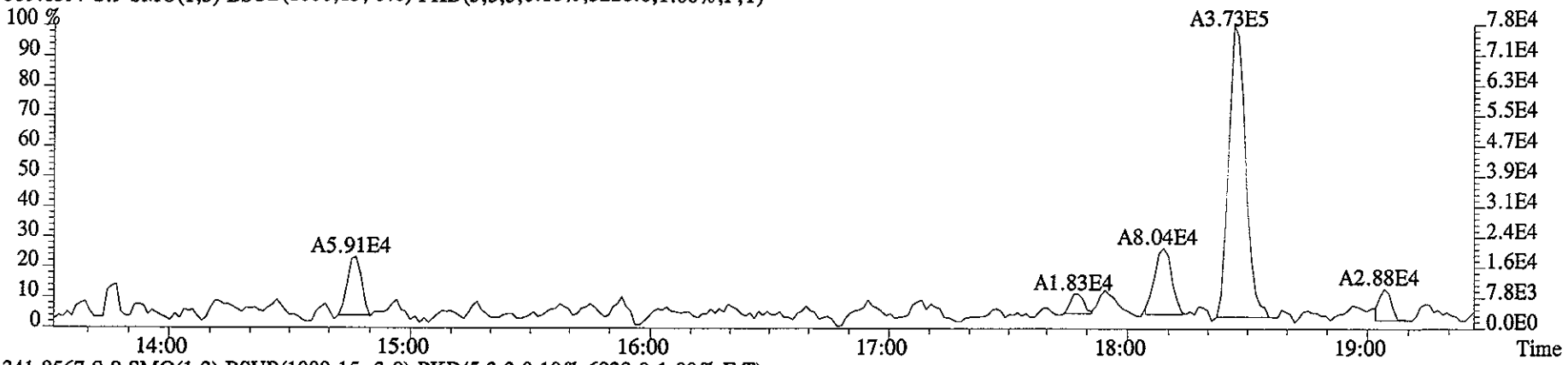
351.9000 S:9 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11988.0,1.00%,F,T)



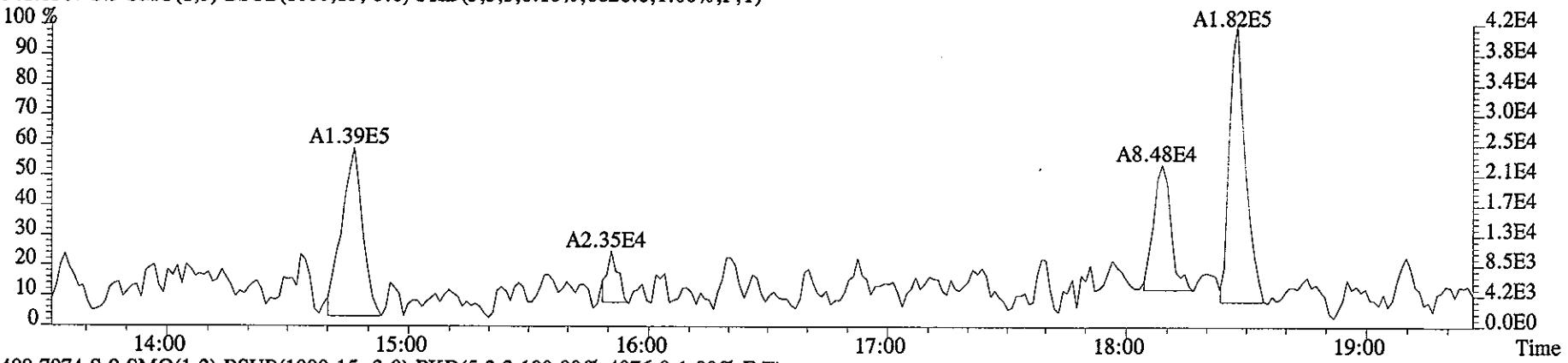
353.8970 S:9 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12948.0,1.00%,F,T)



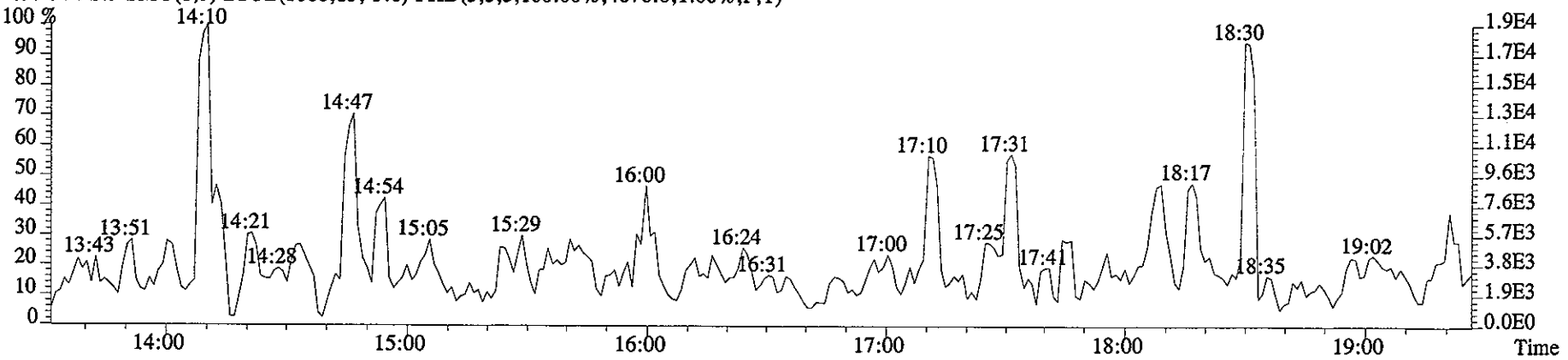
File:10JA061D5 #1-322 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN
339.8597 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5228.0,1.00%,F,T)



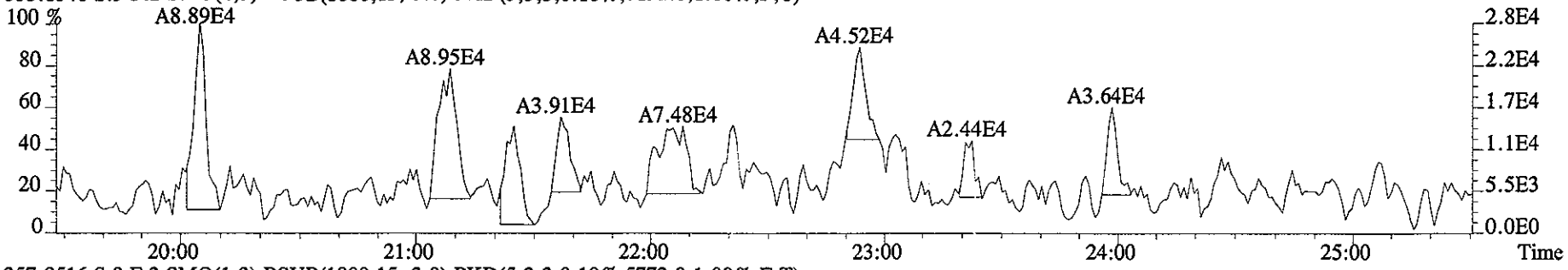
341.8567 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6828.0,1.00%,F,T)



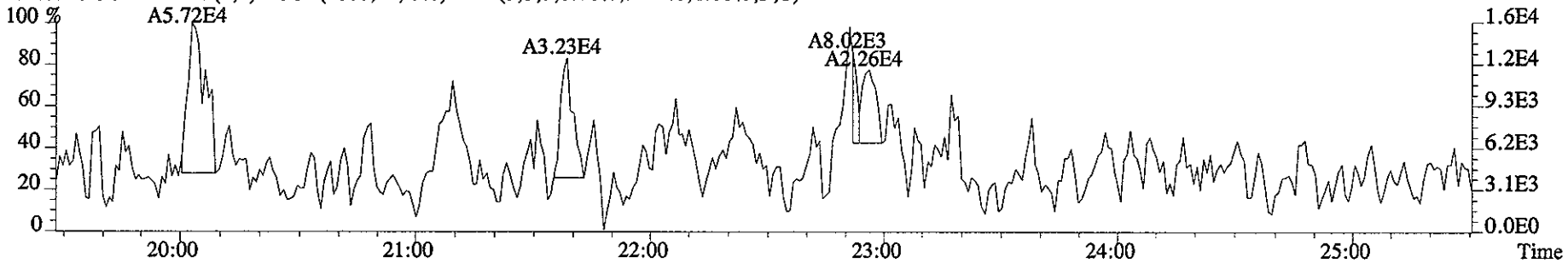
409.7974 S:9 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4076.0,1.00%,F,T)



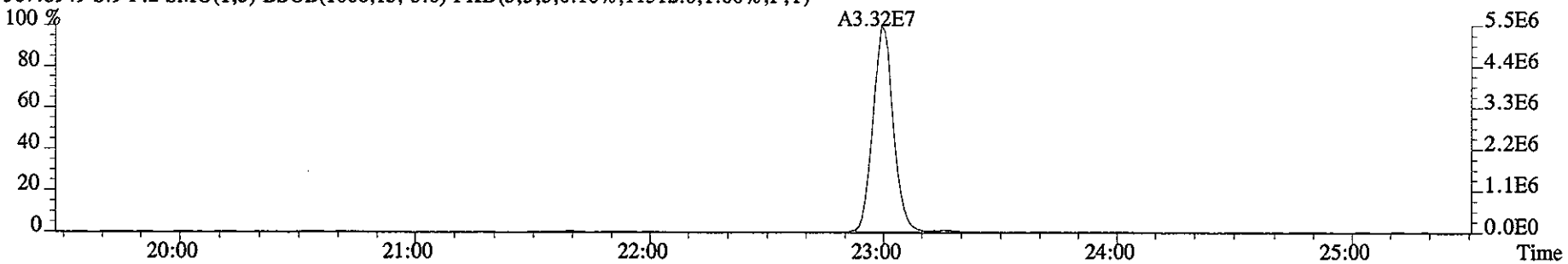
File:10JA061D5 #1-426 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN
355.8546 S:9 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7192.0,1.00%,F,T)



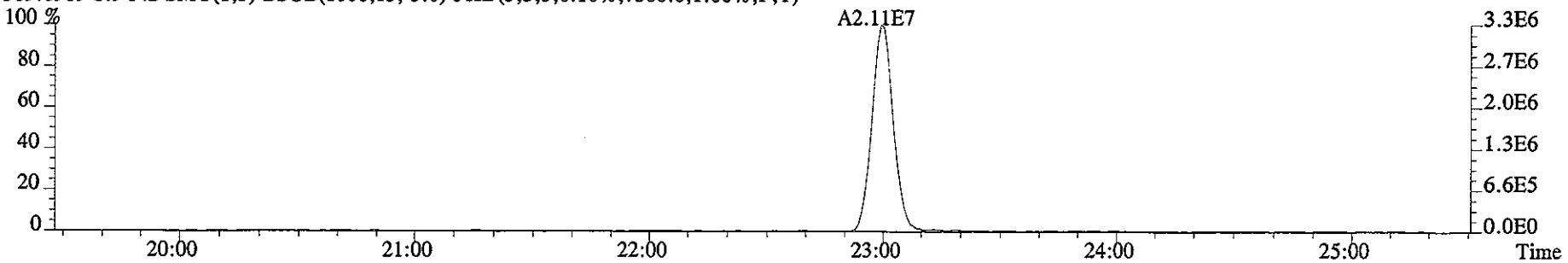
357.8516 S:9 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5772.0,1.00%,F,T)



367.8949 S:9 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11512.0,1.00%,F,T)

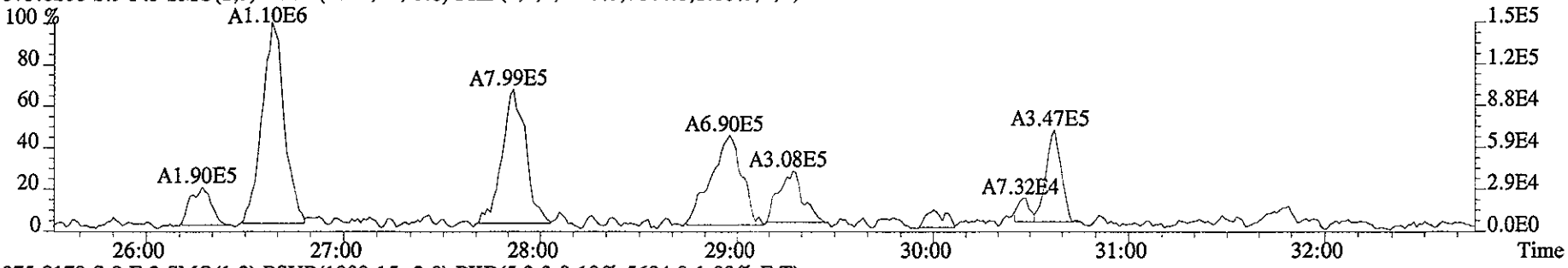


369.8919 S:9 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7380.0,1.00%,F,T)

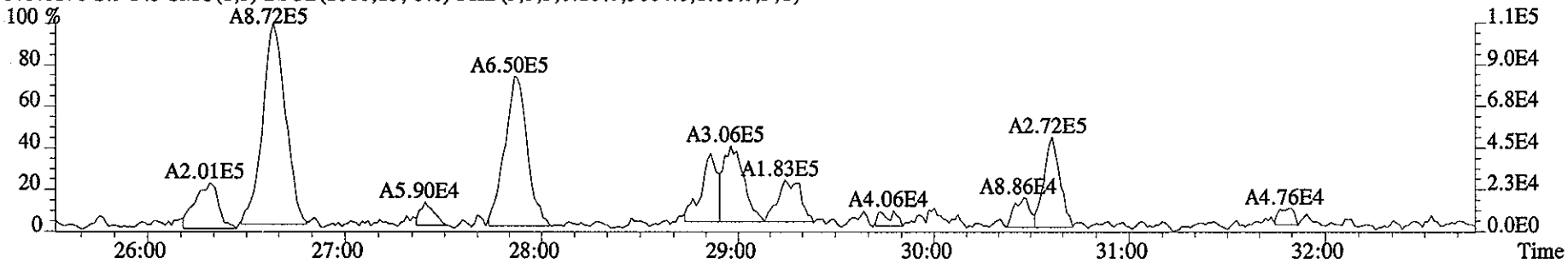


File:10JA061D5 #1-486 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN

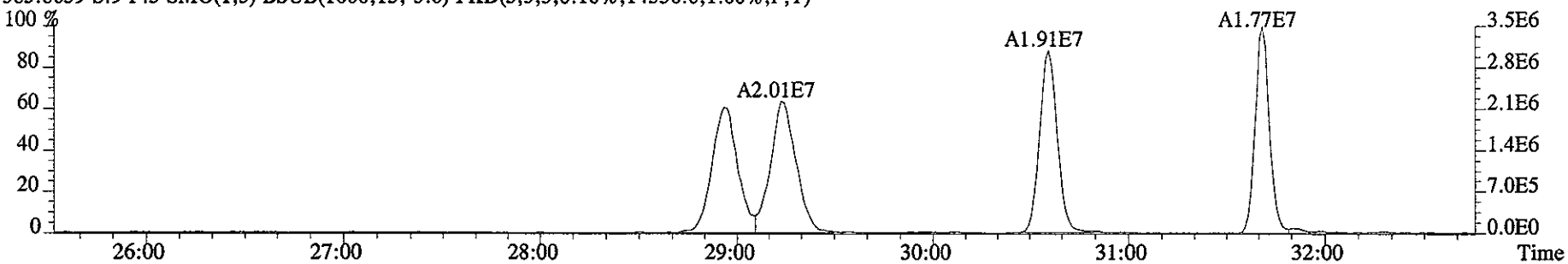
373.8208 S:9 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7644.0,1.00%,F,T)



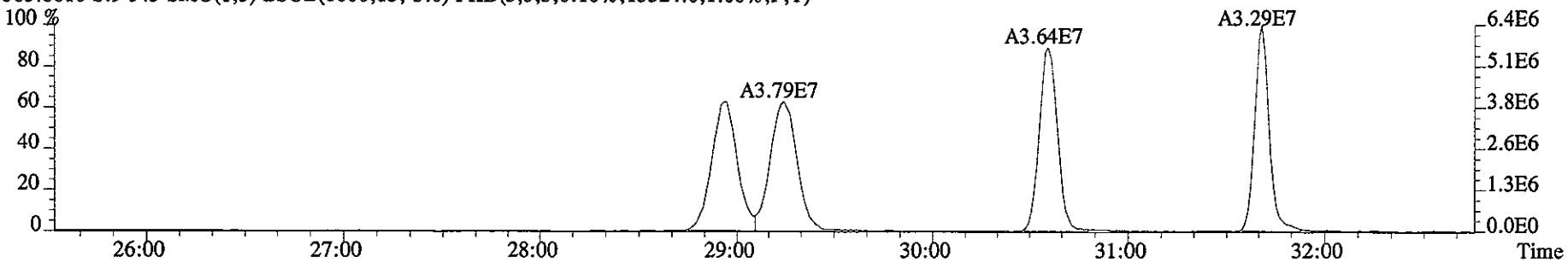
375.8178 S:9 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5604.0,1.00%,F,T)



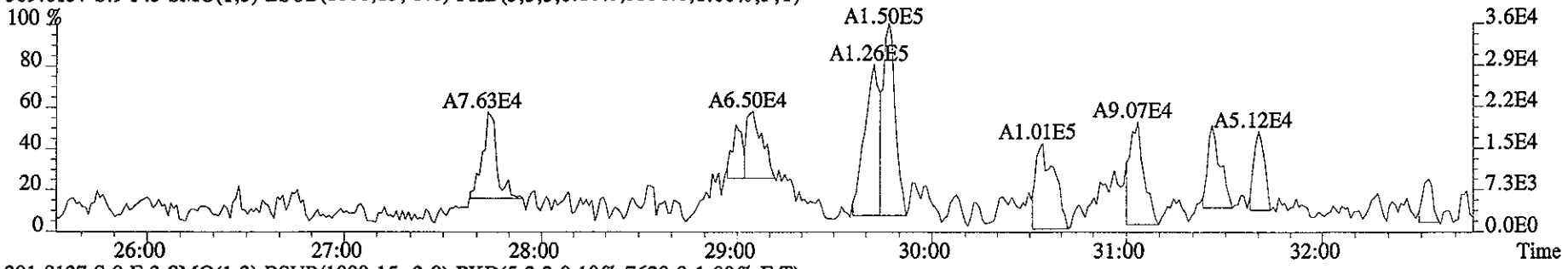
383.8639 S:9 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14556.0,1.00%,F,T)

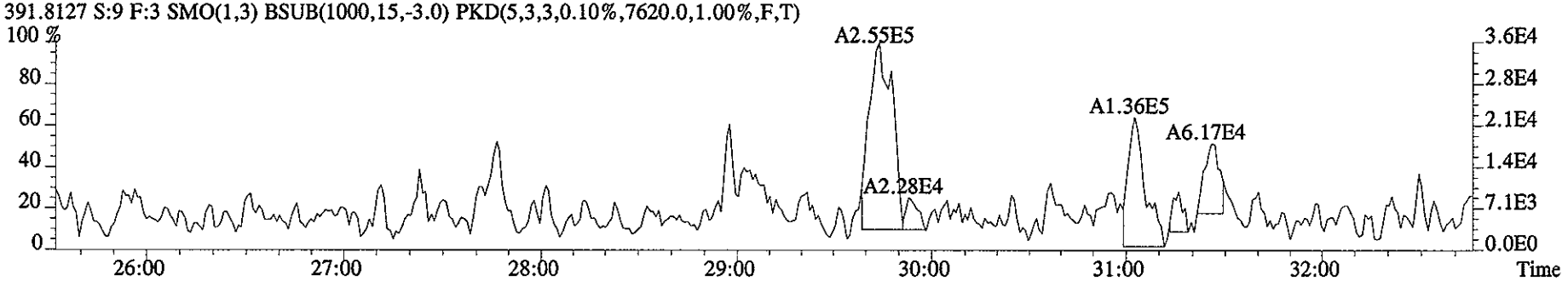


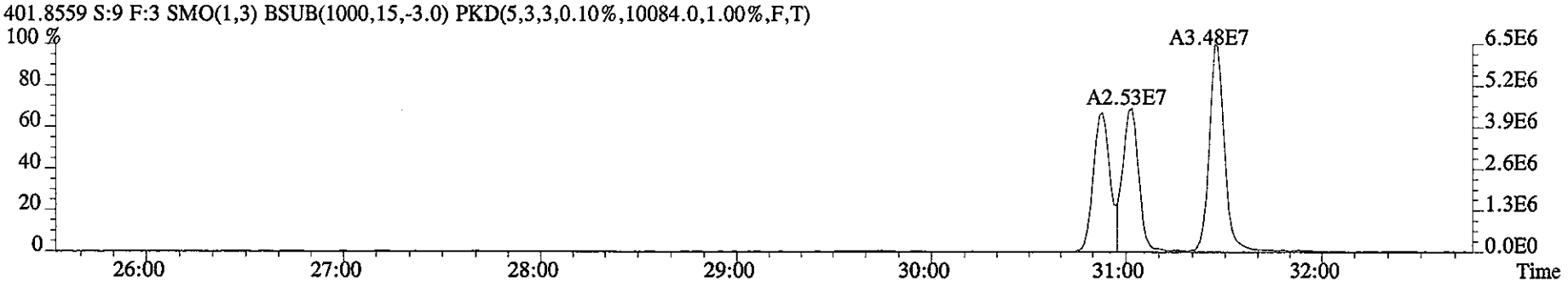
385.8610 S:9 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15524.0,1.00%,F,T)

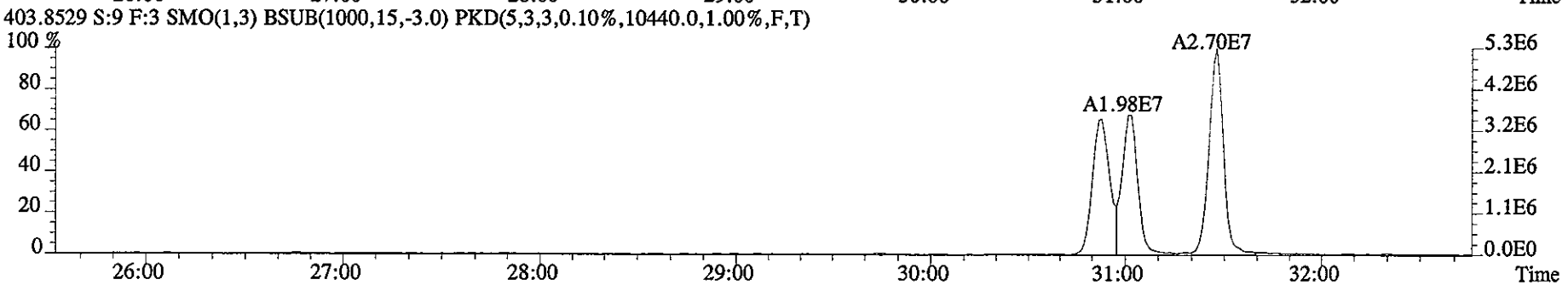


File:10JA061D5 #1-486 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN

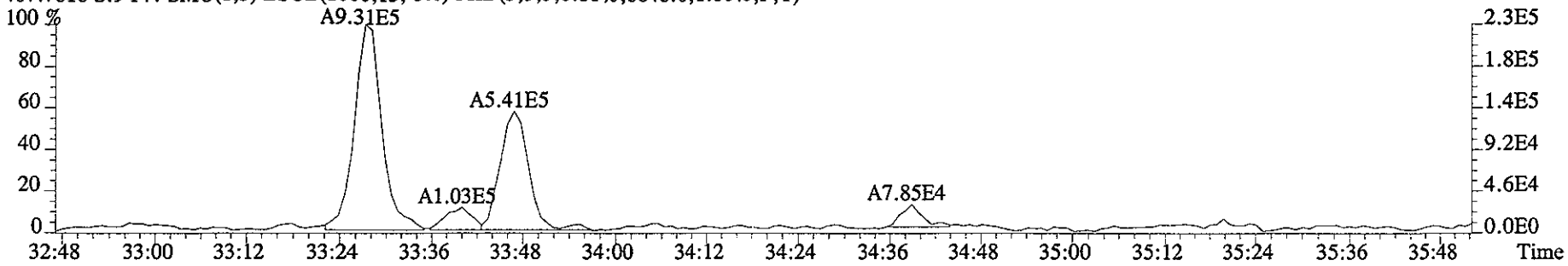




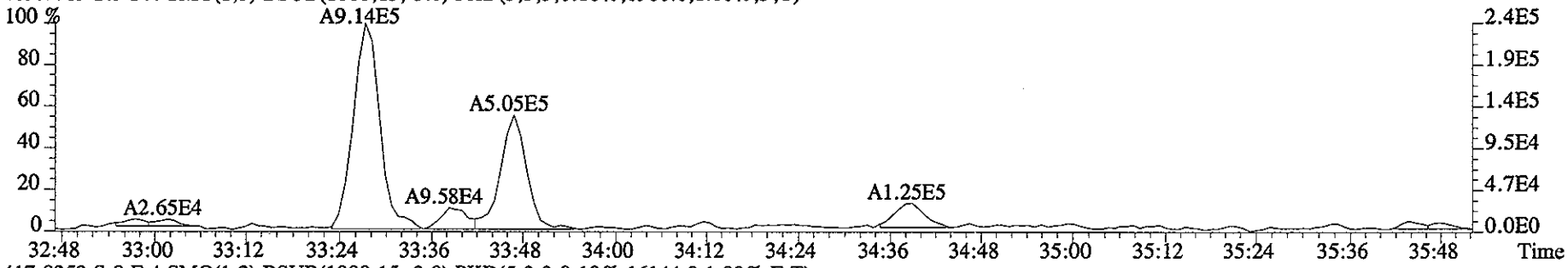




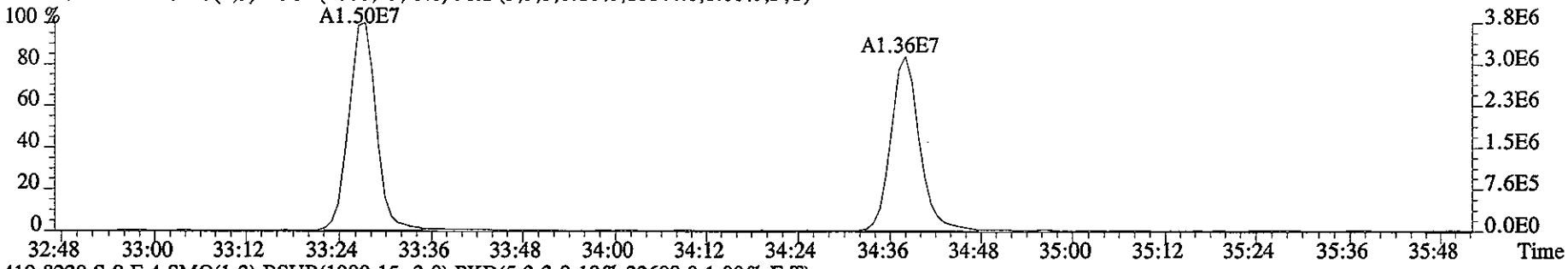
File:10JA061D5 #1-218 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN
407.7818 S:9 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8648.0,1.00%,F,T)



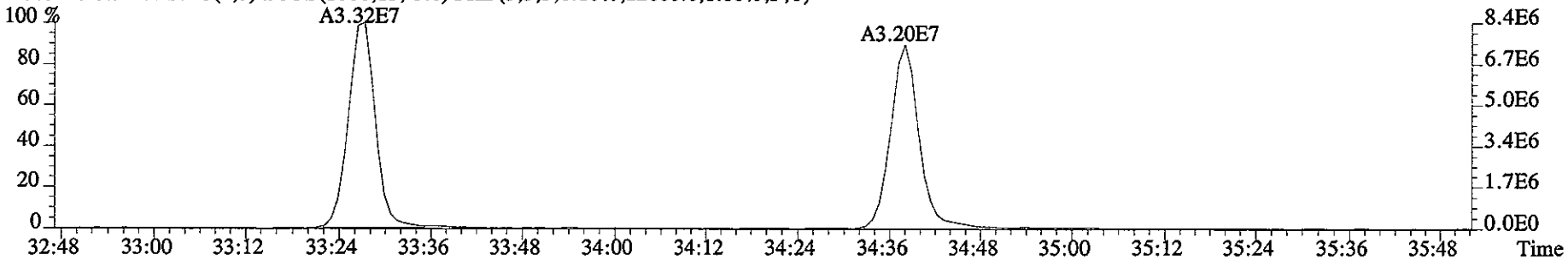
409.7789 S:9 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6900.0,1.00%,F,T)

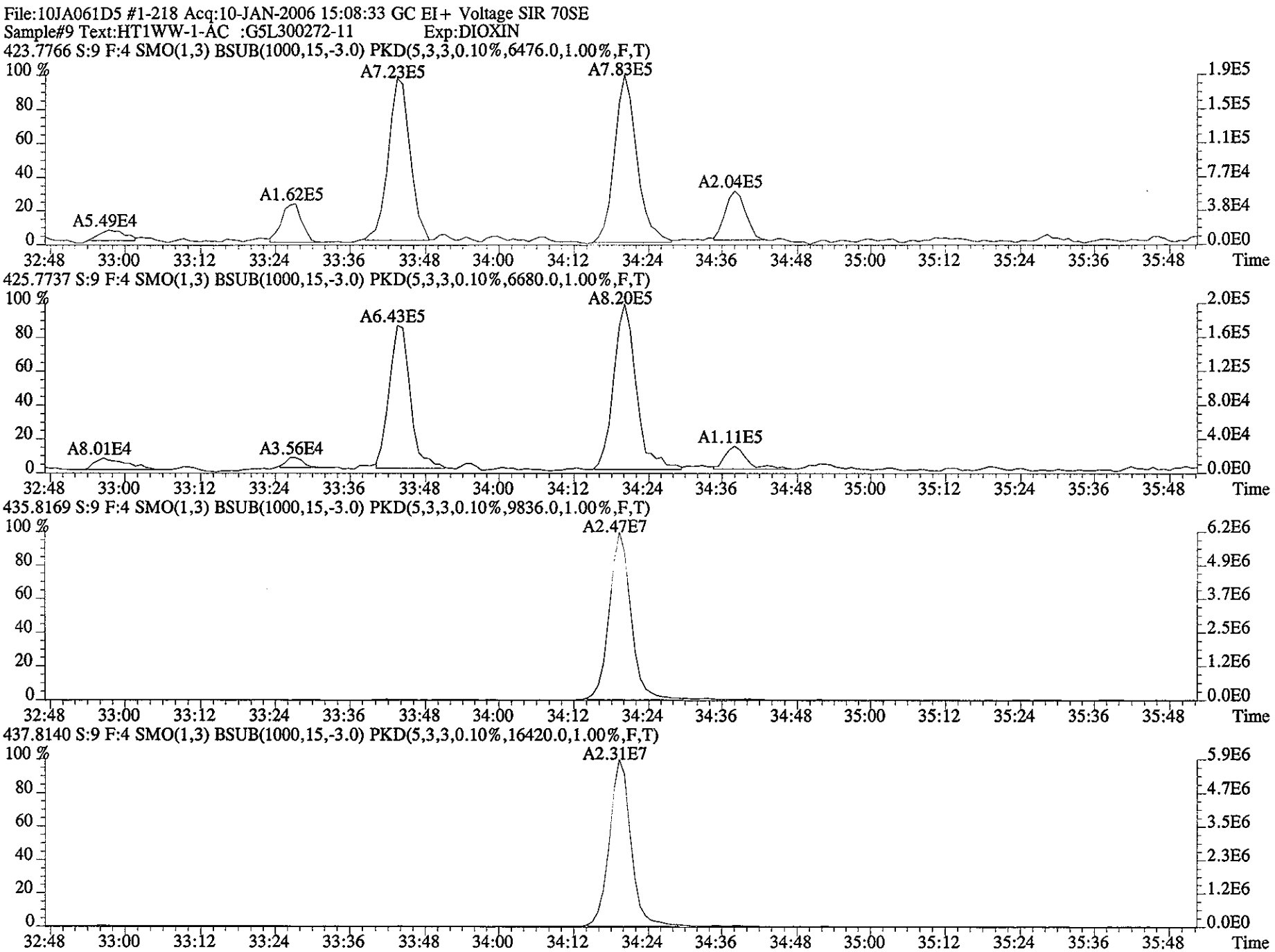


417.8253 S:9 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16144.0,1.00%,F,T)

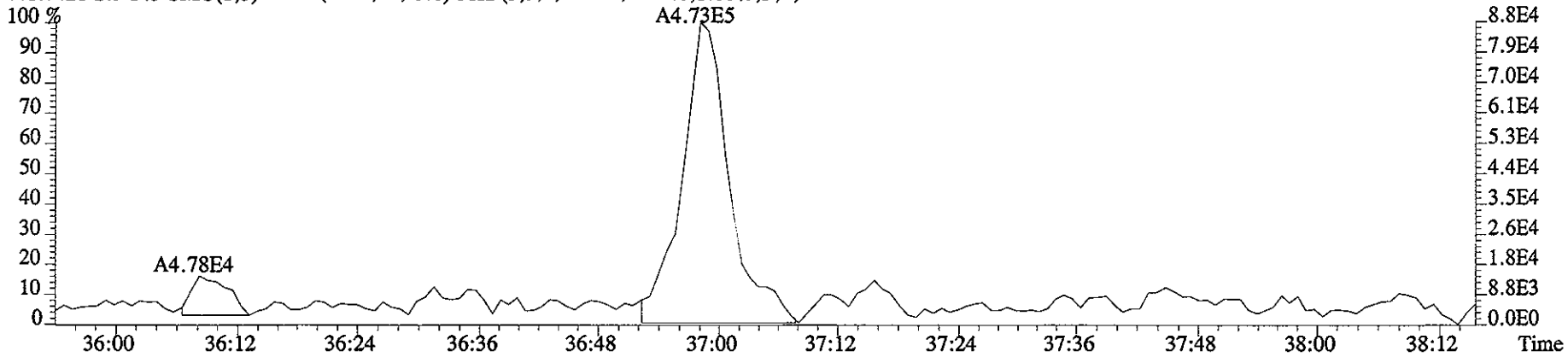


419.8220 S:9 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,22608.0,1.00%,F,T)

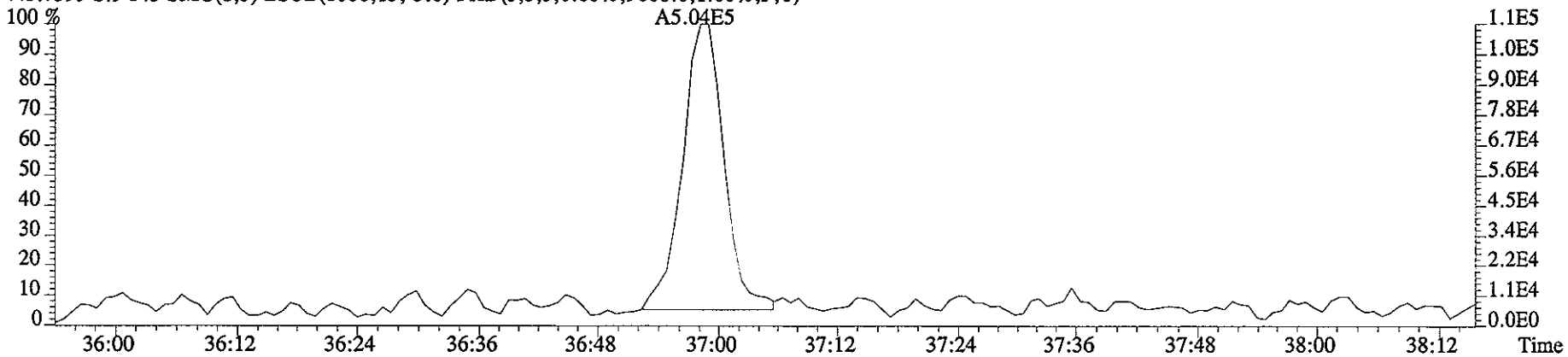



File:10JA061D5 #1-218 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN
423.7766 S:9 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6476.0,1.00%,F,T)
A7.23E5
A7.83E5
A1.62E5
A2.04E5
A5.49E4
425.7737 S:9 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6680.0,1.00%,F,T)
A8.20E5
A6.43E5
A1.11E5
A8.01E4
A3.56E4
435.8169 S:9 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9836.0,1.00%,F,T)
A2.47E7
437.8140 S:9 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16420.0,1.00%,F,T)
A2.31E7
100 %
80
60
40
20
0
32:48
33:00
33:12
33:24
33:36
33:48
34:00
34:12
34:24
34:36
34:48
35:00
35:12
35:24
35:36
35:48
Time
1.9E5
1.5E5
1.1E5
7.7E4
3.8E4
0.0E0
2.0E5
1.6E5
1.2E5
8.0E4
4.0E4
6.2E6
4.9E6
3.7E6
2.5E6
1.2E6
5.9E6
4.7E6
3.5E6
2.3E6

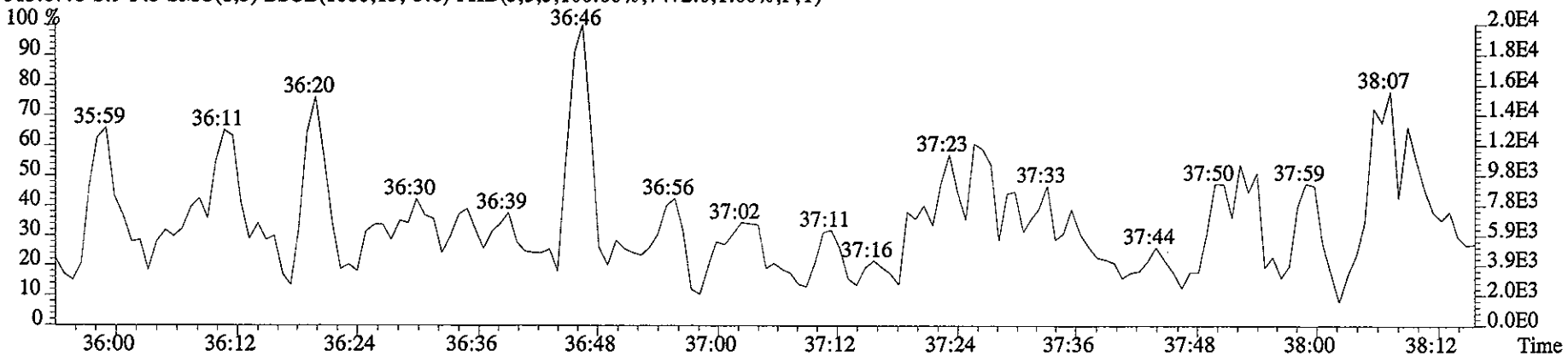
File:10JA061D5 #1-171 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN
441.7428 S:9 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7532.0,1.00%,F,T)



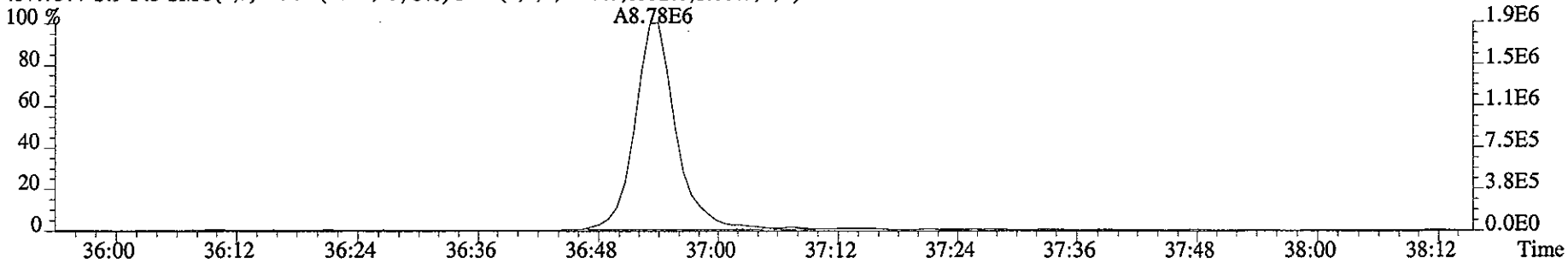
443.7399 S:9 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9668.0,1.00%,F,T)



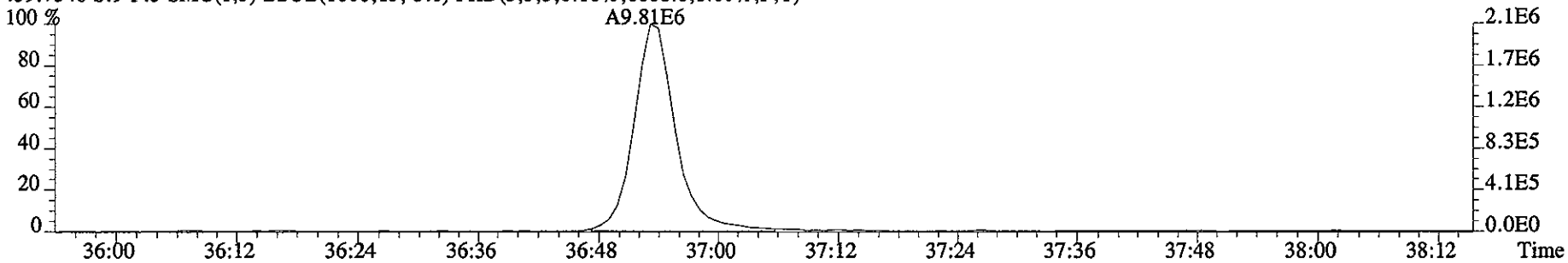
513.6775 S:9 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,7472.0,1.00%,F,T)



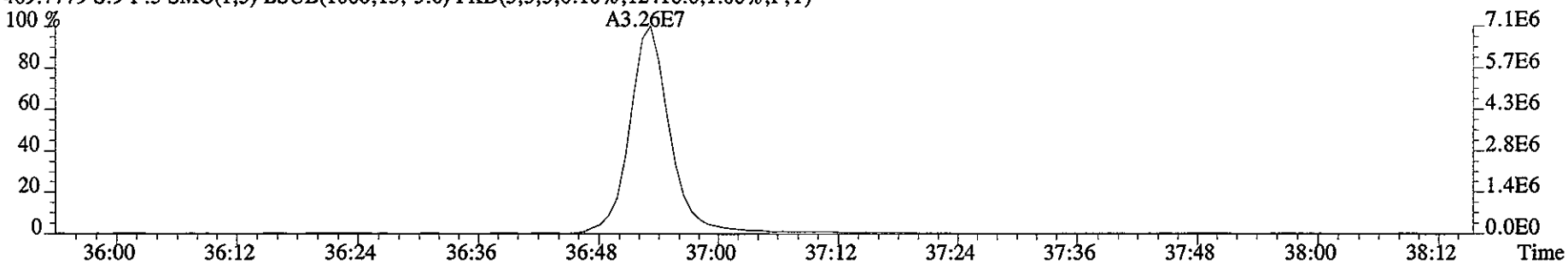
File:10JA061D5 #1-171 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN
457.7377 S:9 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8332.0,1.00%,F,T)



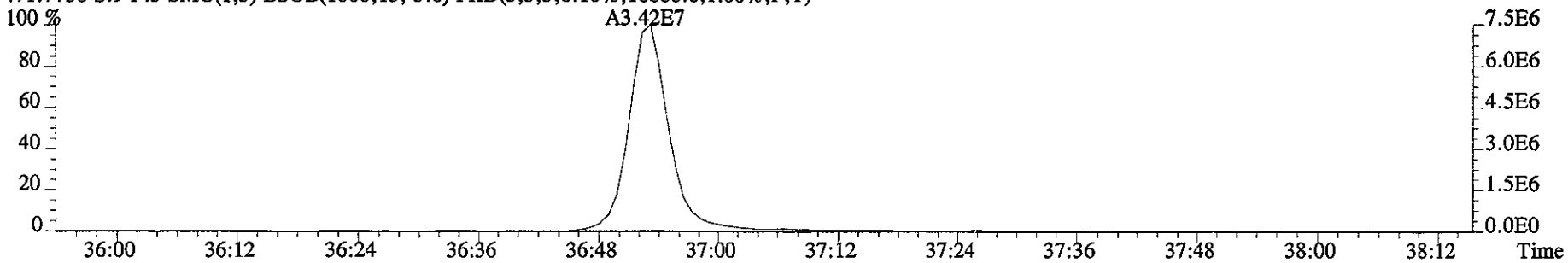
459.7348 S:9 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8088.0,1.00%,F,T)



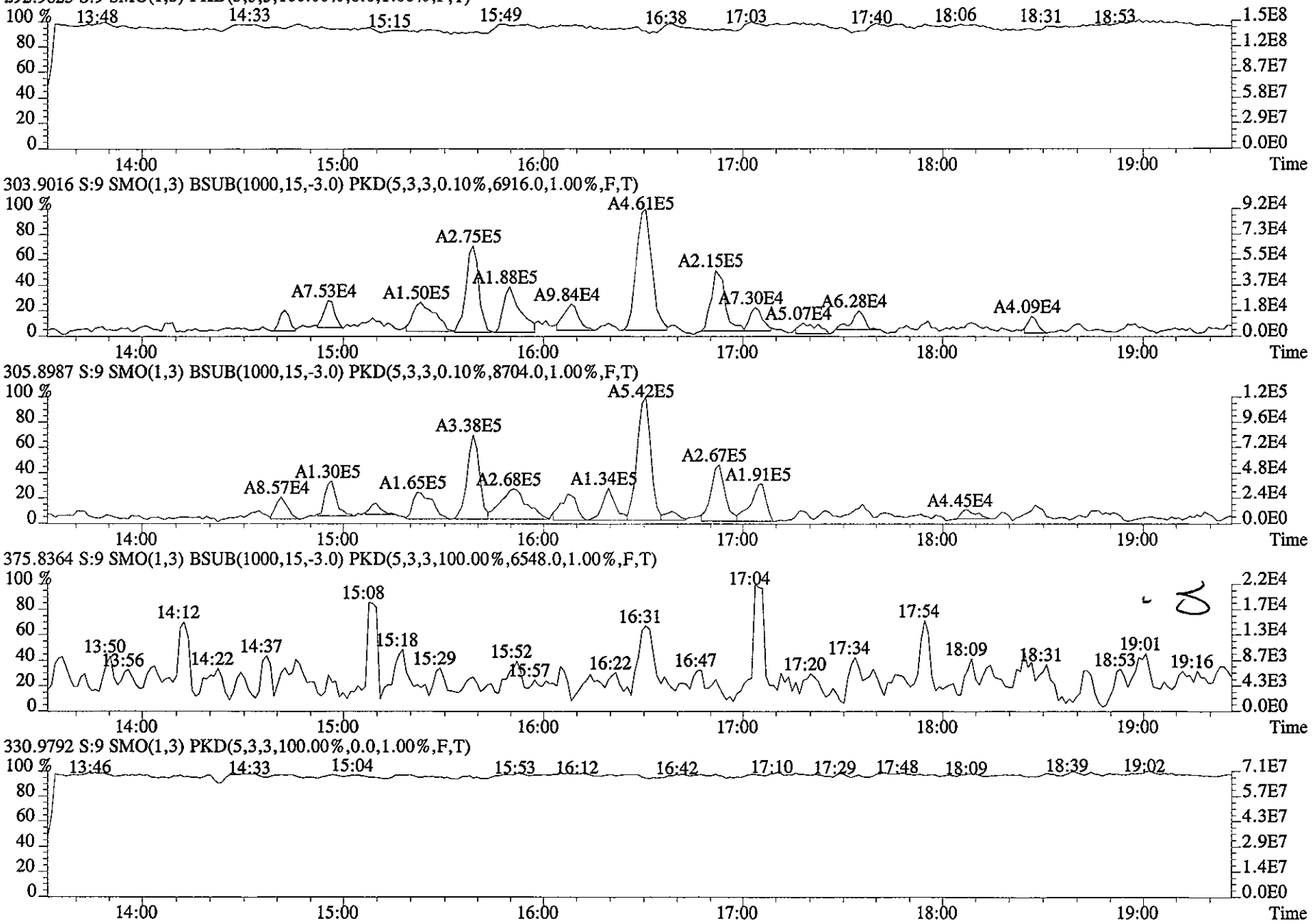
469.7779 S:9 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12416.0,1.00%,F,T)



471.7750 S:9 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16888.0,1.00%,F,T)

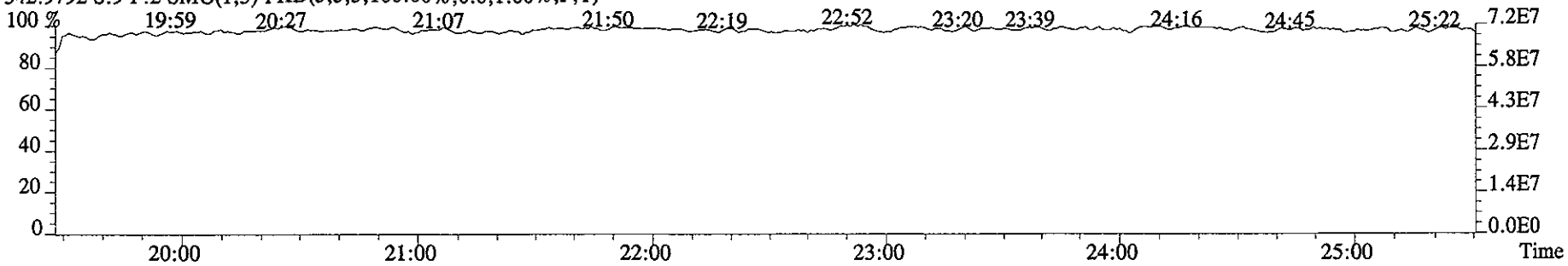


File:10JA061D5 #1-322 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN

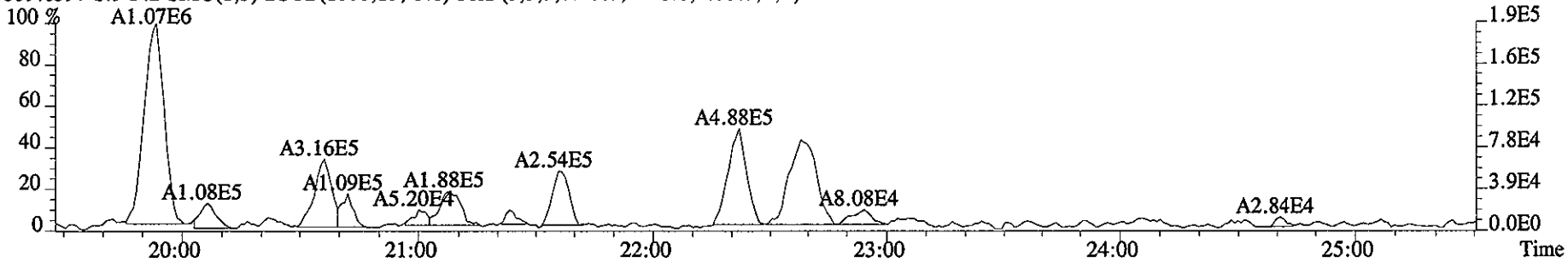


File:10JA061D5 #1-426 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN

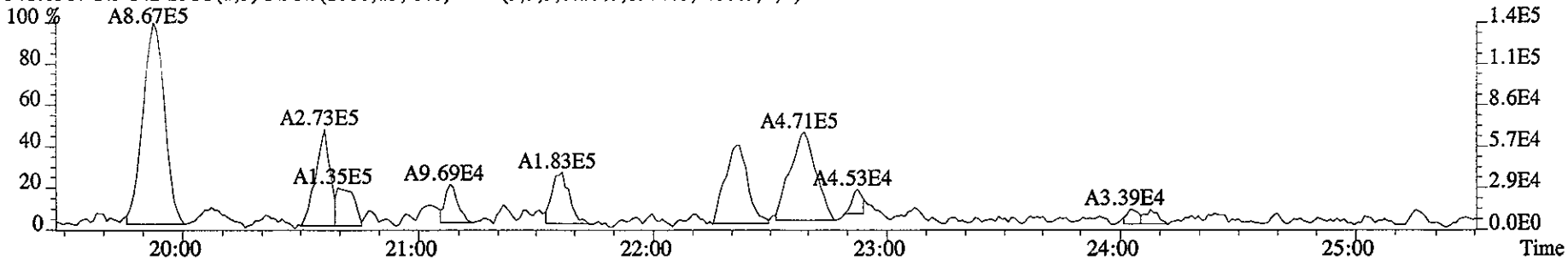
342.9792 S:9 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



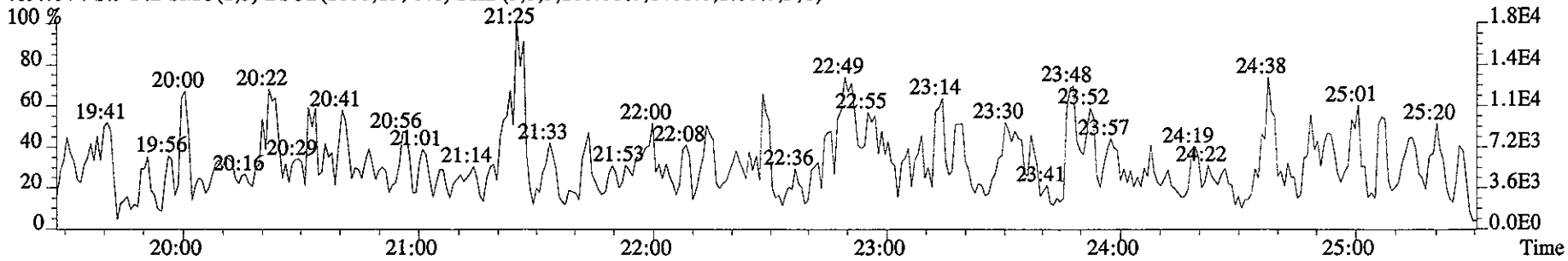
339.8597 S:9 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7428.0,1.00%,F,T)



341.8567 S:9 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8972.0,1.00%,F,T)

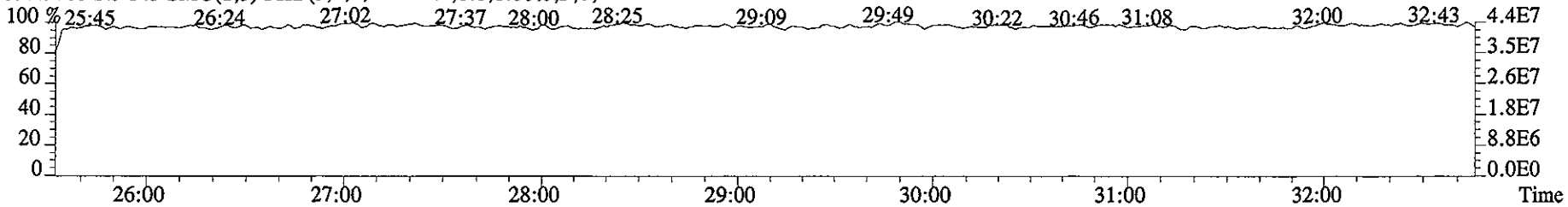


409.7974 S:9 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6408.0,1.00%,F,T)

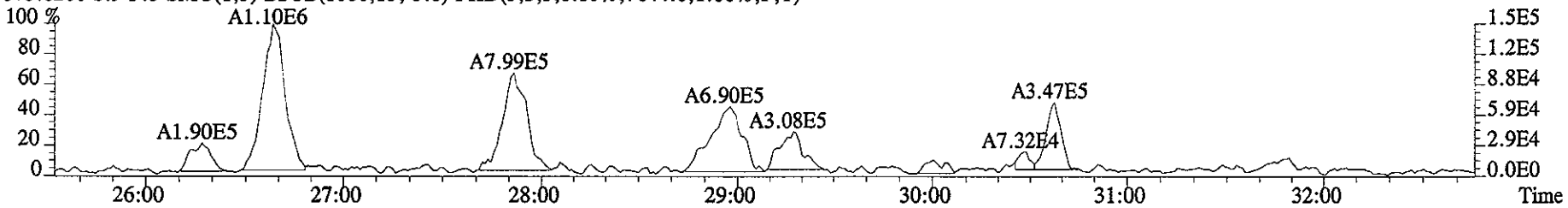


File:10JA061D5 #1-486 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN

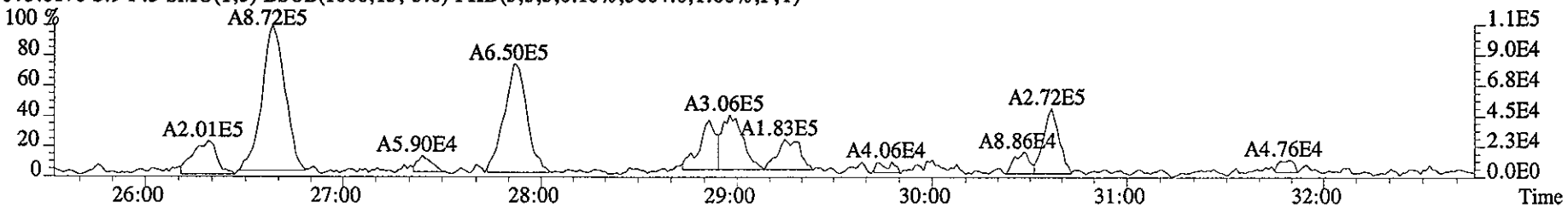
392.9760 S:9 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



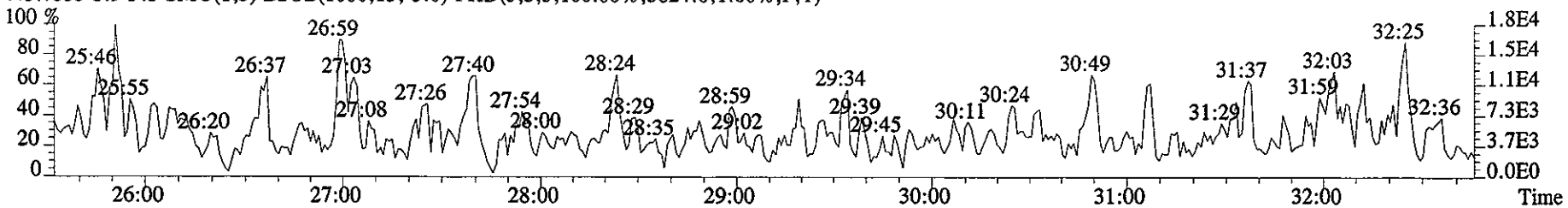
373.8208 S:9 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7644.0,1.00%,F,T)



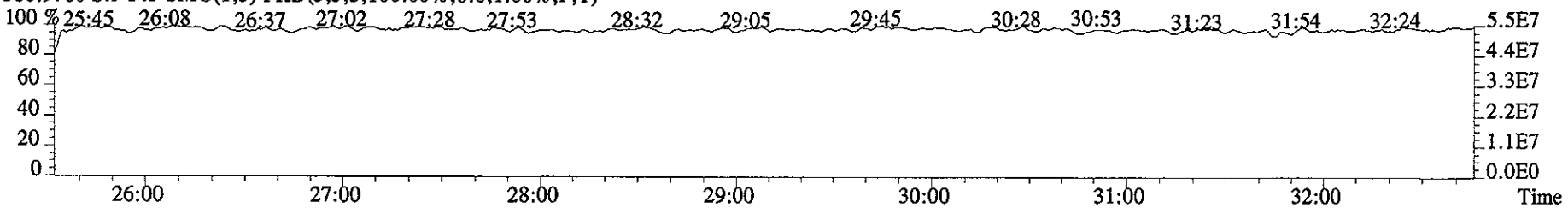
375.8178 S:9 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5604.0,1.00%,F,T)



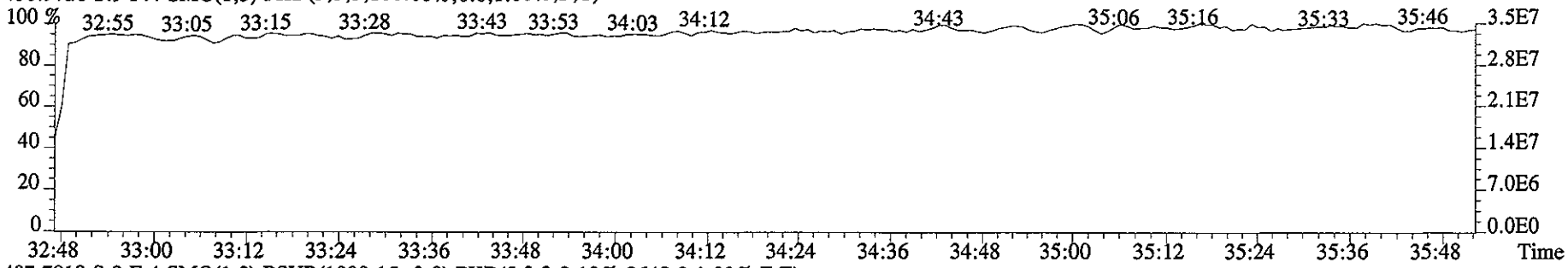
445.7555 S:9 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5824.0,1.00%,F,T)



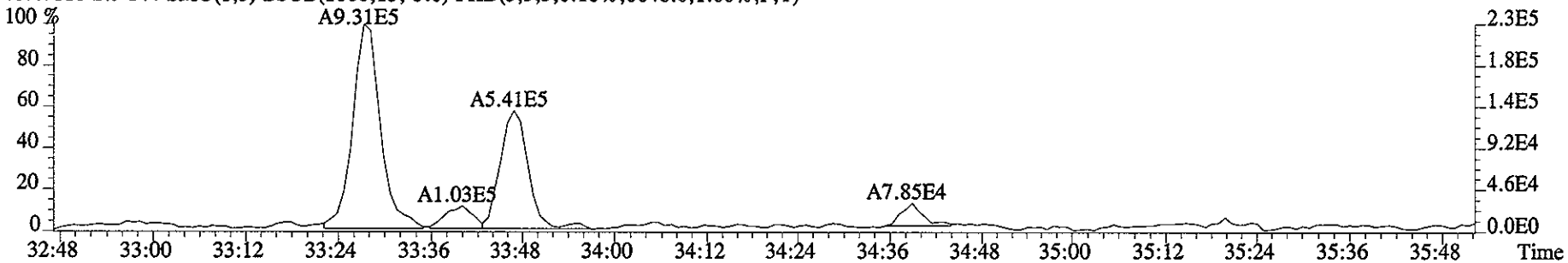
380.9760 S:9 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



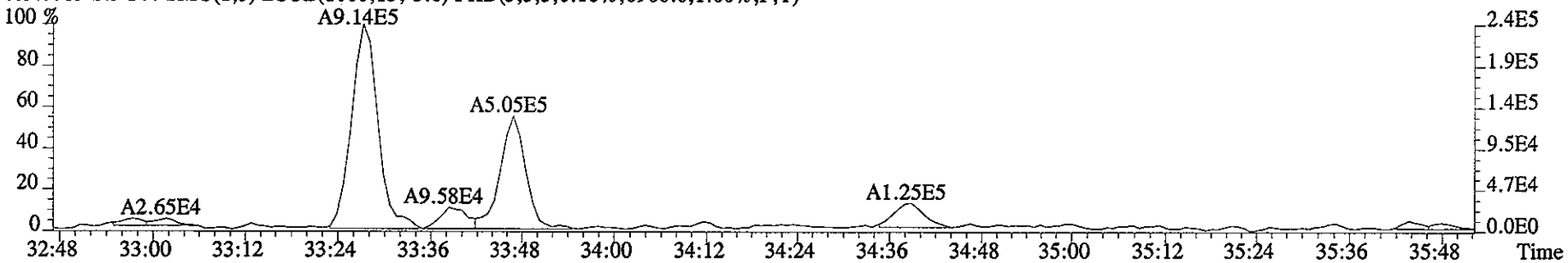
File:10JA061D5 #1-218 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN
430.9728 S:9 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



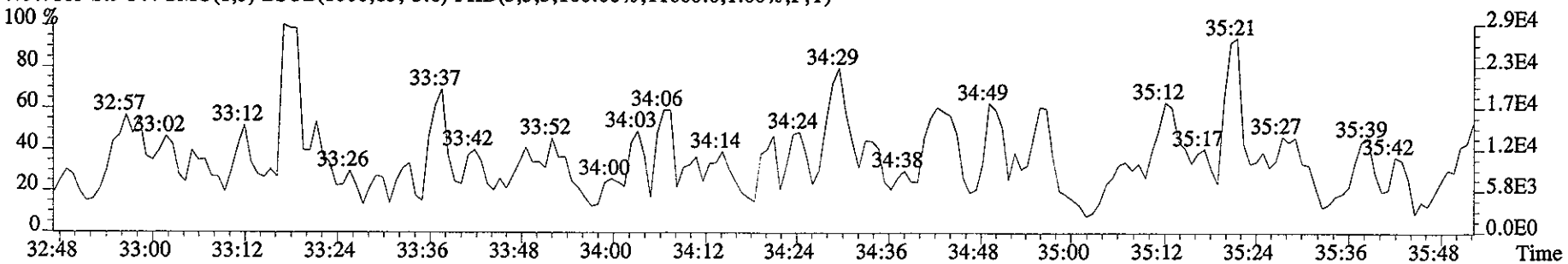
407.7818 S:9 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8648.0,1.00%,F,T)



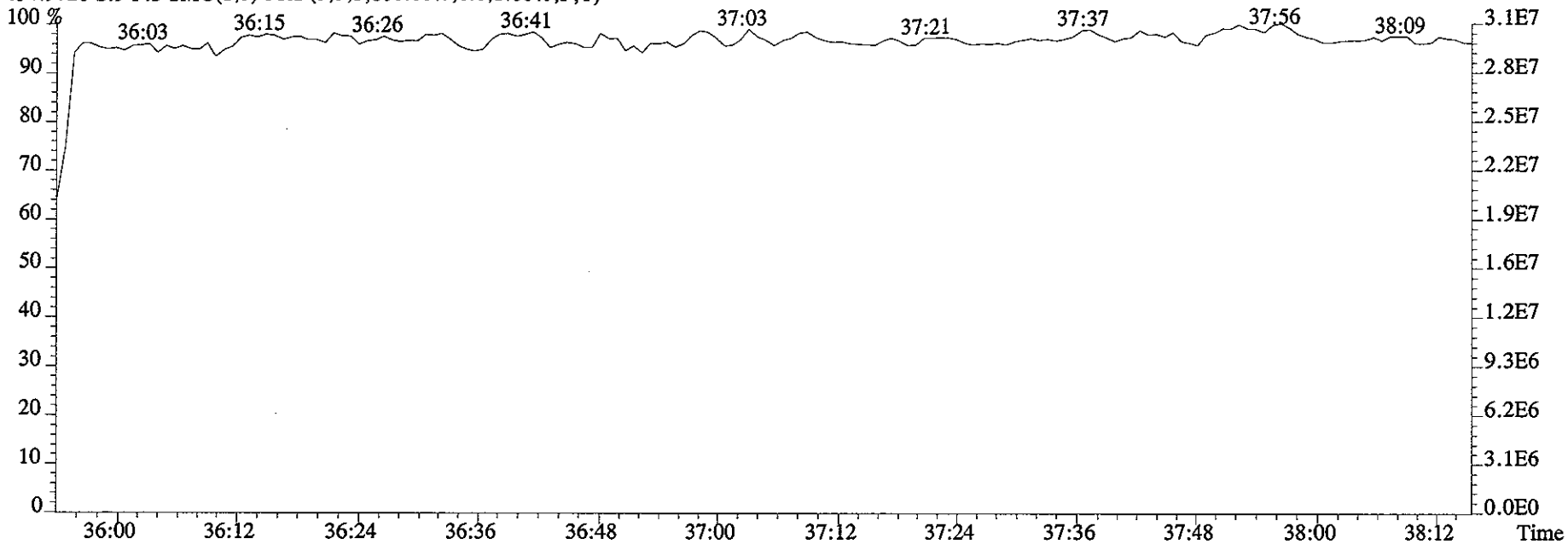
409.7789 S:9 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6900.0,1.00%,F,T)



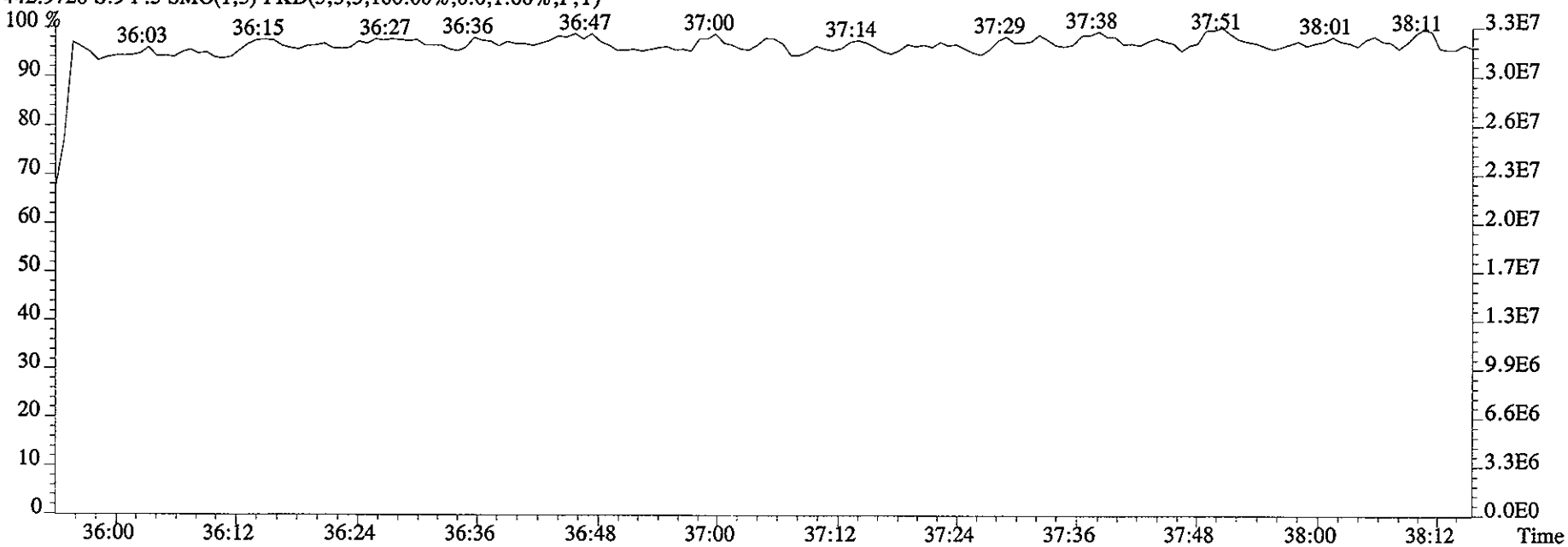
479.7165 S:9 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,11660.0,1.00%,F,T)



File:10JA061D5 #1-171 Acq:10-JAN-2006 15:08:33 GC EI+ Voltage SIR 70SE
Sample#9 Text:HT1WW-1-AC :G5L300272-11 Exp:DIOXIN
454.9728 S:9 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:9 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

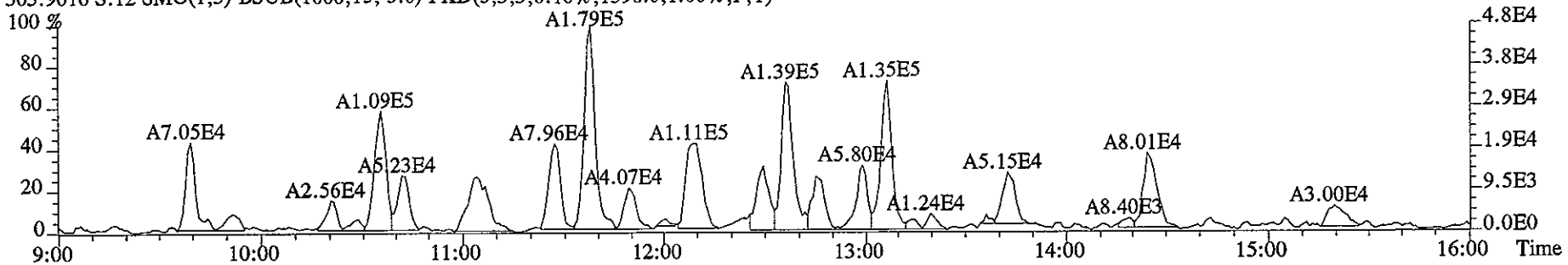


Run text: HT1WW-1-AC Sample text: HT1WW-1-AC :G5L300272-11
Run #15 Filename: 10JA067D2 S: 12 I: 1 Results: 10JA067D2DB225
Acquired: 10-JAN-06 16:25:46 Processed: 11-JAN-06 09:08:08
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000╖g

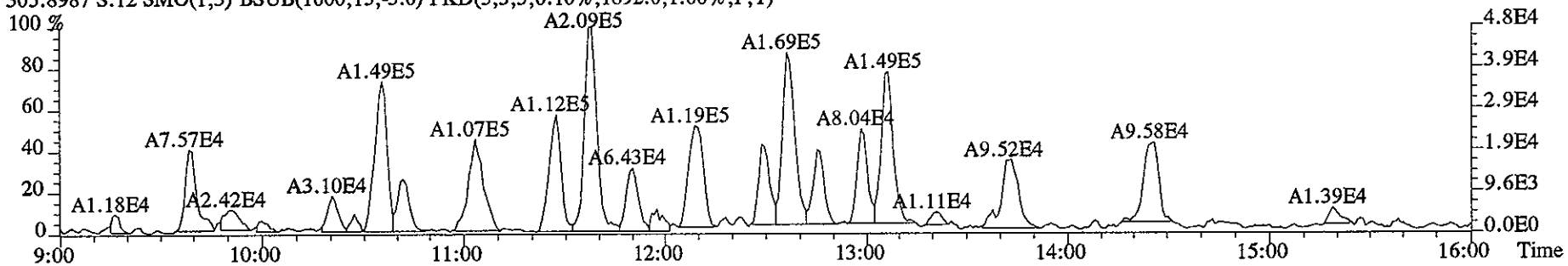
Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	76475400	0.79	y	11:40	-	3.92		-	-	n
13C-2,3,7,8-TCDF	93795000	0.81	y	12:35	1.50	164.06		0.22	82.0	n
2,3,7,8-TCDF	308493	0.82	y	12:36	0.92	0.72	J Cer	0.10	-	n
13C-2,3,7,8-TCDD	43458100	0.79	y	11:28	0.81	140.73		0.27	70.4	n
2,3,7,8-TCDD	23712	0.35	n	11:30	1.23	0.09		0.12	-	n
37Cl-2,3,7,8-TCDD	50849600	1.00	y	11:30	1.96	67.73		0.04	84.7	n

1/14/06

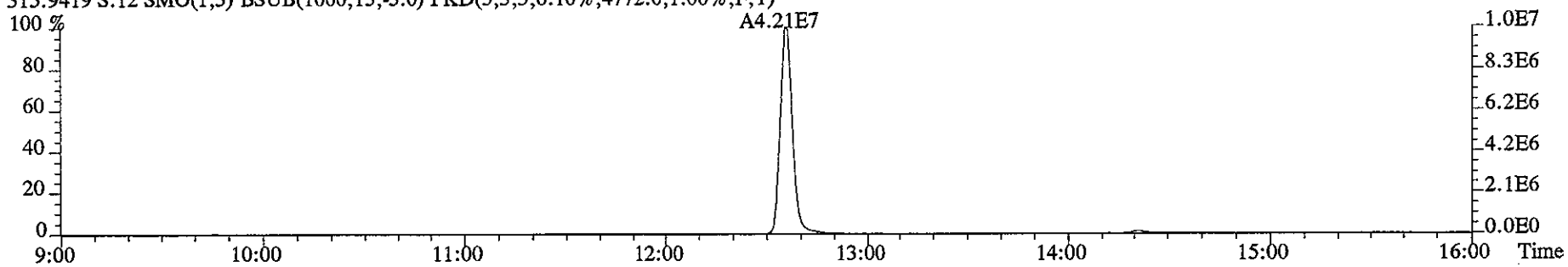
File:10JA067D2 #1-1169 Acq:10-JAN-2006 16:25:46 GC EI+ Voltage SIR 70S
Sample#12 Text:HT1WW-1-AC :G5L300272-11 Exp:DB225
303.9016 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1596.0,1.00%,F,T)



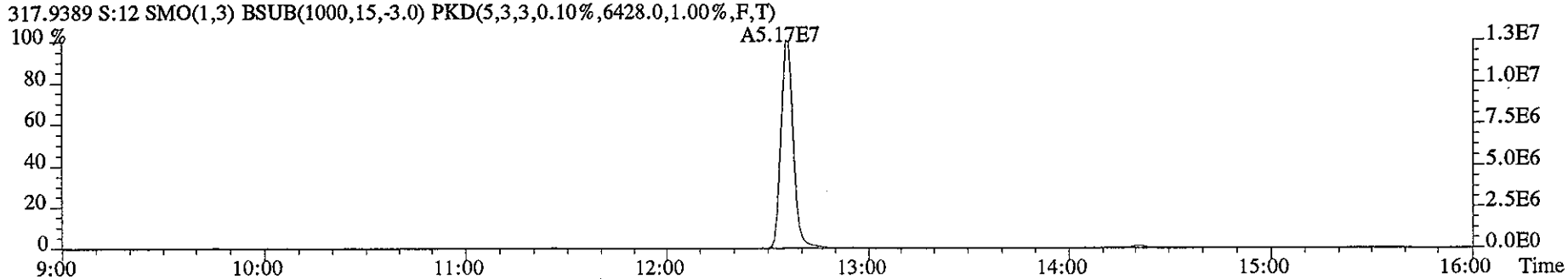
305.8987 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1892.0,1.00%,F,T)



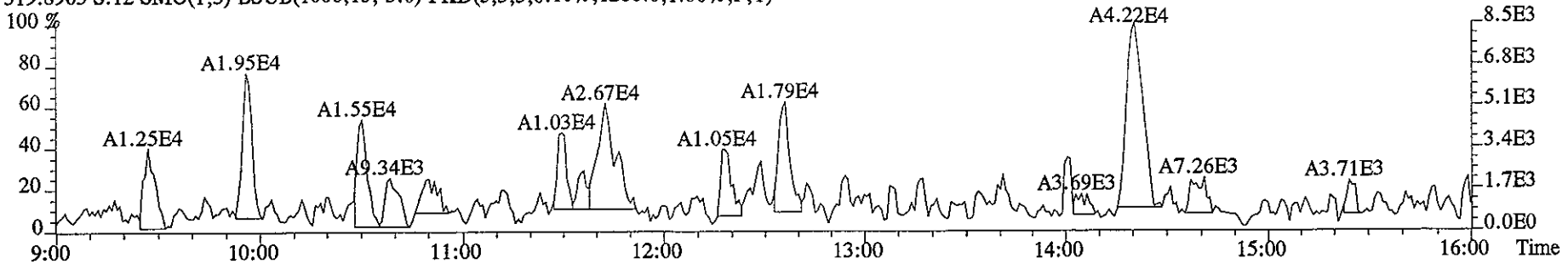
315.9419 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4772.0,1.00%,F,T)



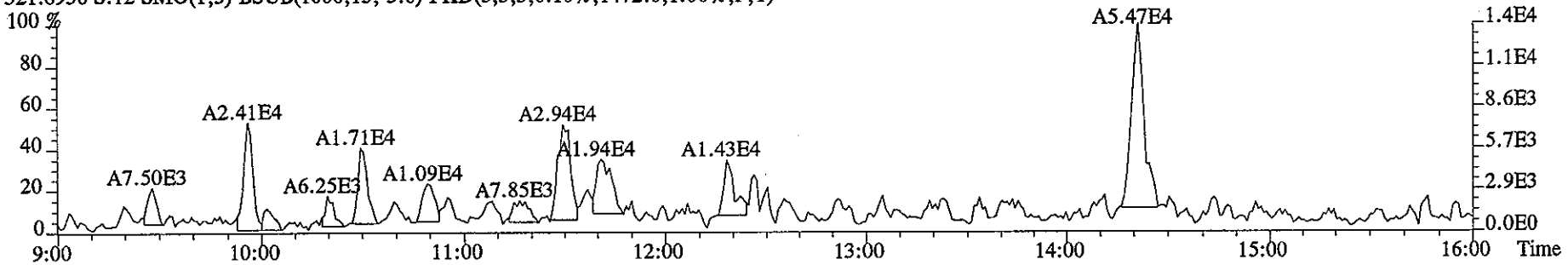
317.9389 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6428.0,1.00%,F,T)



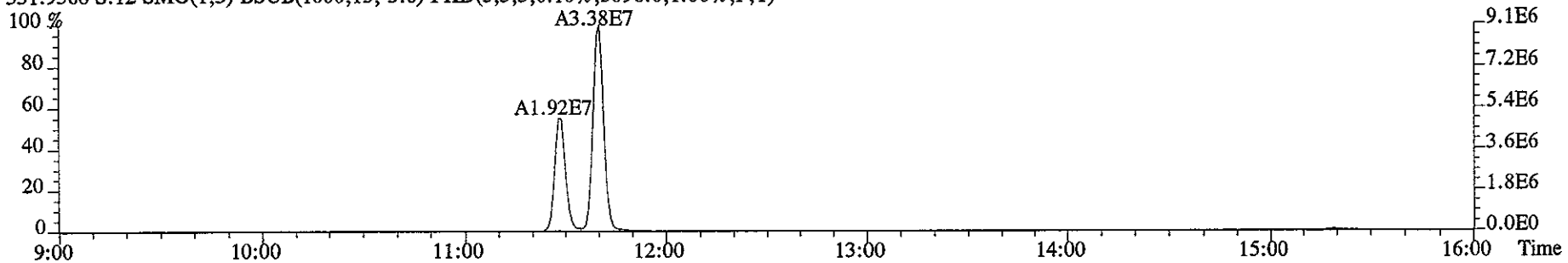
File:10JA067D2 #1-1169 Acq:10-JAN-2006 16:25:46 GC EI+ Voltage SIR 70S
Sample#12 Text:HT1WW-1-AC :G5L300272-11 Exp:DB225
319.8965 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1280.0,1.00%,F,T)



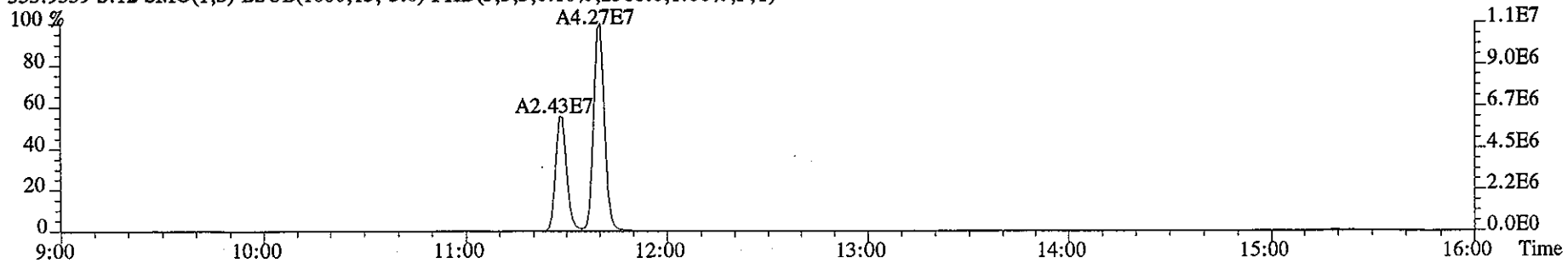
321.8936 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1472.0,1.00%,F,T)



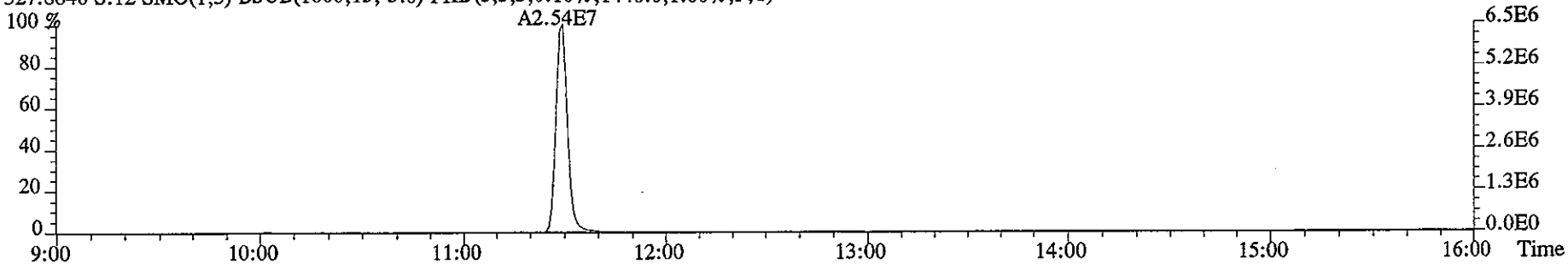
331.9368 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5096.0,1.00%,F,T)



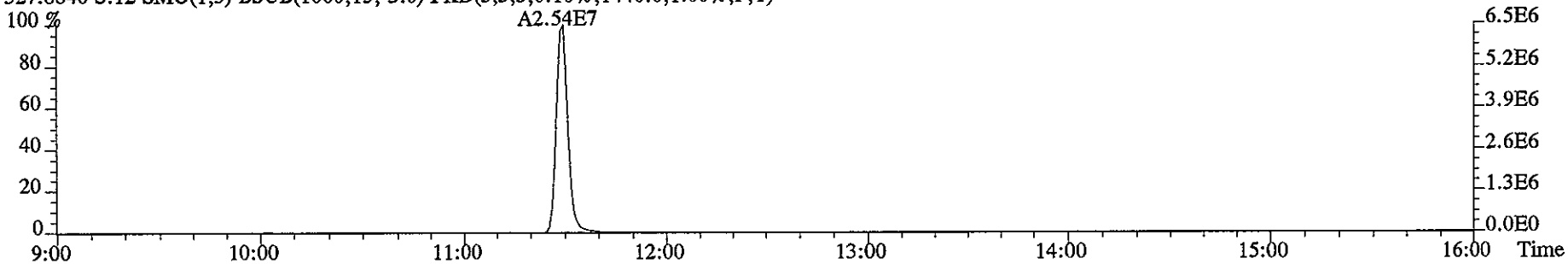
333.9339 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2368.0,1.00%,F,T)



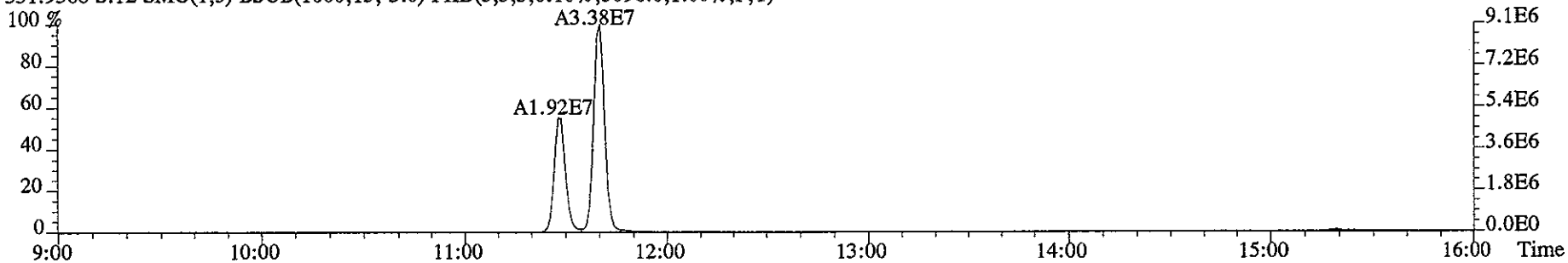
File:10JA067D2 #1-1169 Acq:10-JAN-2006 16:25:46 GC EI+ Voltage SIR 70S
Sample#12 Text:HT1WW-1-AC :G5L300272-11 Exp:DB225
327.8840 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1440.0,1.00%,F,T)



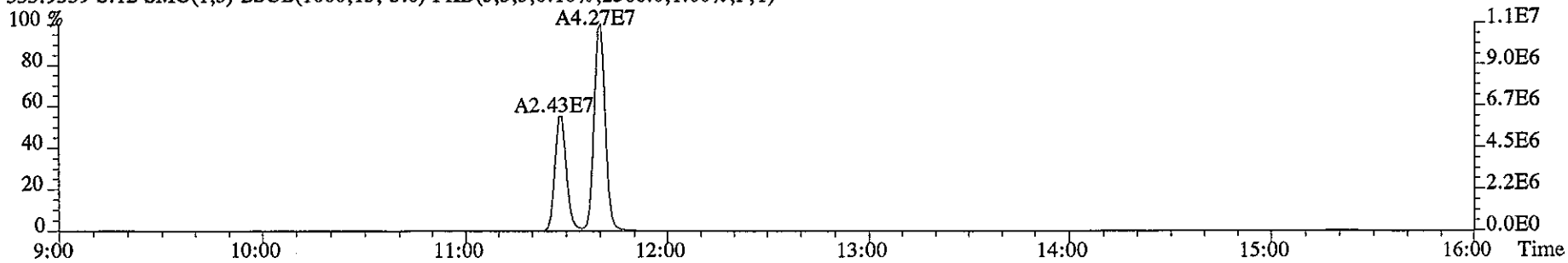
327.8840 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1440.0,1.00%,F,T)



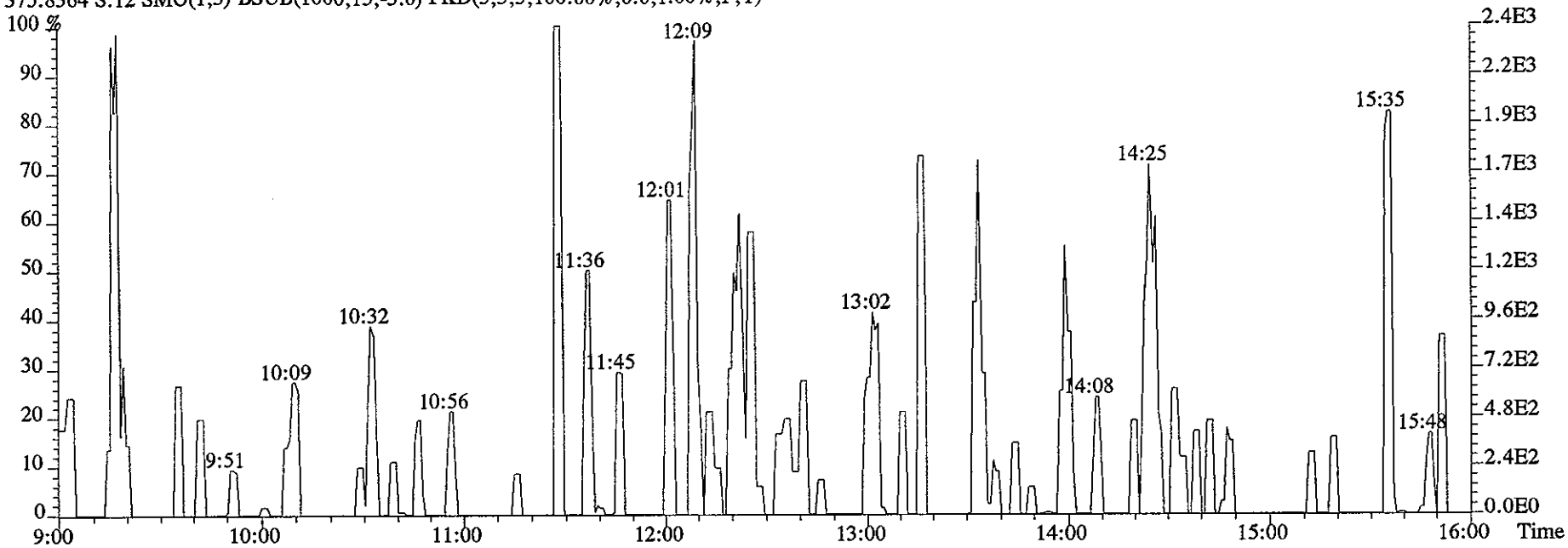
331.9368 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5096.0,1.00%,F,T)



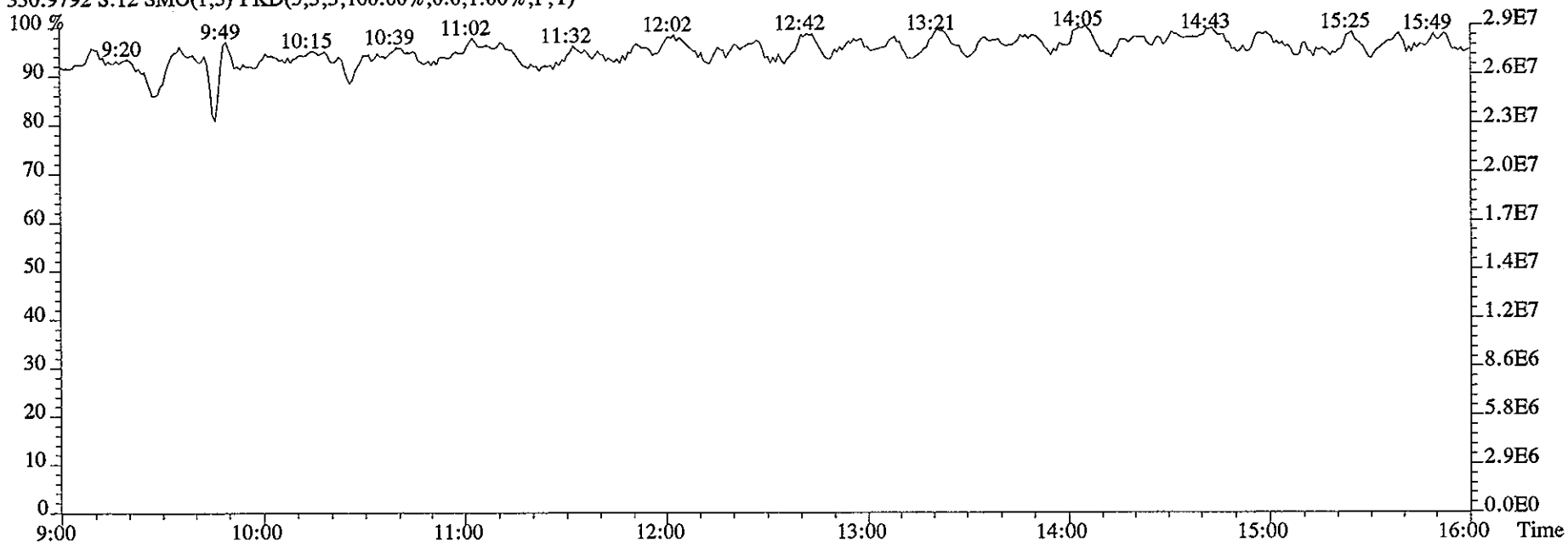
333.9339 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2368.0,1.00%,F,T)



File:10JA067D2 #1-1169 Acq:10-JAN-2006 16:25:46 GC EI+ Voltage SIR 70S
Sample#12 Text:HT1WW-1-AC :G5L300272-11 Exp:DB225
375.8364 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



330.9792 S:12 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14
Run #13 Filename: 10JA061D5 S: 10 I: 1 Results: 10ja061d58290w
Acquired: 10-JAN-06 15:50:12 Processed: 11-JAN-06 08:09:20
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	84968300	0.80	y	16:56	-	8.12	-	-	n
13C-2,3,7,8-TCDF	101794000	0.80	y	16:27	1.68	142.38	0.46	71.2	n
2,3,7,8-TCDF	5898190	0.75	y	16:29	1.16	9.97 See D3225	0.28	-	n
Total TCDF	26490337	1.77	n	14:12	1.16	~~44.76~~ 41.42	0.28	-	n
13C-2,3,7,8-TCDD	58976900	0.80	y	17:07	0.90	154.91	0.87	77.5	n
2,3,7,8-TCDD	326890	0.73	y	17:08	1.32	0.84 J	0.46	-	y
Total TCDD	13314494	0.89	n	15:03	1.32	34.14 ✓	0.46	-	y
37Cl-2,3,7,8-TCDD	65220800	1.00	y	17:08	2.44	62.80	0.30	78.5	n
13C-1,2,3,7,8-PeCDF	92128500	1.56	y	21:06	1.54	140.37	0.37	70.2	n
1,2,3,7,8-PeCDF	1120327	1.25	n	21:07	1.00	2.42 DL	0.56	-	n
2,3,4,7,8-PeCDF	2215164	1.43	y	22:21	1.05	4.59 J	0.54	-	n
Total F2 PeCDF	24878669	1.78	y	19:42	1.03	~~52.57~~	0.55	-	n
Total F1 PeCDF	2905798	0.64	n	14:45	1.03	~~6.15~~ 48.95	0.41	-	n
13C-1,2,3,7,8-PeCDD	62948300	1.66	y	23:00	0.91	162.12	0.65	81.1	n
1,2,3,7,8-PeCDD	1473991	1.48	y	23:01	1.04	4.49 J	0.56	-	n
Total PeCDD	20869298	0.43	n	19:44	1.04	~~63.55~~ 60.15	0.56	-	n
13C-1,2,3,7,8,9-HxCDD	73992500	1.28	y	31:28	-	7.69	-	-	n
13C-1,2,3,4,7,8-HxCDF	69670400	0.53	y	28:57	1.38	136.16	0.82	68.1	n
1,2,3,4,7,8-HxCDF	1720673	1.41	y	28:58	1.11	4.45 J	0.88	-	y
1,2,3,6,7,8-HxCDF	1398909	1.13	y	29:16	1.14	3.52 J	0.86	-	y
2,3,4,6,7,8-HxCDF	1335405	1.12	y	30:37	1.06	3.60 J	0.92	-	n
1,2,3,7,8,9-HxCDF	288886	2.23	n	31:48	1.02	~~0.81~~	0.96	-	n
Total HxCDF	17715884	1.35	y	26:18	1.08	~~46.76~~ 45.55	0.90	-	y
13C-1,2,3,6,7,8-HxCDD	58276900	1.20	y	31:02	0.96	164.49	0.64	82.2	n
1,2,3,4,7,8-HxCDD	1123784	1.27	y	30:54	0.95	4.04 J	0.82	-	n
1,2,3,6,7,8-HxCDD	2166560	1.39	y	31:03	1.00	7.42	0.78	-	n
1,2,3,7,8,9-HxCDD	2236640	1.32	y	31:28	1.04	7.35	0.75	-	y
Total HxCDD	28415314	1.17	y	27:43	1.00	97.39 ✓	0.78	-	y
13C-1,2,3,4,6,7,8-HpCDF	55171900	0.44	y	33:27	1.13	132.03	1.02	66.0	n
1,2,3,4,6,7,8-HpCDF	4887490	1.08	y	33:28	1.31	13.52	0.52	-	n
1,2,3,4,7,8,9-HpCDF	512577	0.96	y	34:39	1.19	1.56 DL	0.57	-	n
Total HpCDF	10915316	1.08	y	33:28	1.25	~~31.06~~ 28.09	0.54	-	n
13C-1,2,3,4,6,7,8-HpCDD	54348900	1.05	y	34:19	1.00	147.19	1.01	73.6	n
1,2,3,4,6,7,8-HpCDD	31812900	1.07	y	34:20	0.95	123.43	0.87	-	n
Total HpCDD	61648115	3.81	n	33:26	0.95	~~239.19~~ 237.82	0.87	-	n
13C-OCDD	82084300	0.90	y	36:53	~~0.81~~ 0.64	274.13	1.18	~~68.5~~ 86.7	n

OCDF	4331850	0.95	y	36:59	1.32	16.01	0.75	- n
OCDD	190226200	0.89	y	36:54	1.00	922.48	1.03	- n

Run text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14
Run #13 Filename: 10JA061D5 S: 10 I: 1 Results: 10JA061D58290
Acquired: 10-JAN-06 15:50:12 Processed: 11-JAN-06 08:09:20
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

Name	Resp	RA		RT	RRF		Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	84968300	0.80	y	16:56	-		8.12		-	-	n
13C-2,3,7,8-TCDF	101794000	0.80	y	16:27	1.68		142.38		0.46	71.2	n
2,3,7,8-TCDF	5898190	0.75	y	16:29	1.16		9.97	See DB???	0.28	-	n
Total TCDF	26490337	1.77	n	14:12	1.16		~~44.76~~	41.82	0.28	-	n
13C-2,3,7,8-TCDD	58976900	0.80	y	17:07	0.90		154.91		0.87	77.5	n
2,3,7,8-TCDD	*	*	n	NotFnd	1.32			0.84 J	0.46	-	n
Total TCDD	12705796	0.83	y	15:03	1.32		~~32.58~~	34.14	0.46	-	n
37Cl-2,3,7,8-TCDD	65220800	1.00	y	17:08	2.44		62.80		0.30	78.5	n
13C-1,2,3,7,8-PeCDF	92128500	1.56	y	21:06	1.54		140.37		0.37	70.2	n
1,2,3,7,8-PeCDF	1120327	1.25	n	21:07	1.00		2.42		0.56	-	n
2,3,4,7,8-PeCDF	2215164	1.43	y	22:21	1.05		4.59		0.54	-	n
Total F2 PeCDF	24878669	1.78	y	19:42	1.03		~~52.57~~		0.55	-	n
Total F1 PeCDF	2905798	0.64	n	14:45	1.03		~~6.15~~	48.95	0.41	-	n
13C-1,2,3,7,8-PeCDD	62948300	1.66	y	23:00	0.91		162.12		0.65	81.1	n
1,2,3,7,8-PeCDD	1473991	1.48	y	23:01	1.04		4.49 J		0.56	-	n
Total PeCDD	20869298	0.43	n	19:44	1.04		~~63.55~~	60.15	0.56	-	n
13C-1,2,3,7,8,9-HxCDD	73992500	1.28	y	31:28	-		7.69		-	-	n
13C-1,2,3,4,7,8-HxCDF	69670400	0.53	y	28:57	1.38		136.16		0.82	68.1	n
1,2,3,4,7,8-HxCDF	3181430	1.41	y	28:58	1.11		8.22		0.88	-	n
1,2,3,6,7,8-HxCDF	1388673	1.15	y	29:16	1.14		3.50		0.86	-	n
2,3,4,6,7,8-HxCDF	1335406	1.12	y	30:37	1.06		3.60		0.92	-	n
1,2,3,7,8,9-HxCDF	288886	2.23	n	~~31.48~~	1.02	RT	~~0.81~~		0.96	-	n
Total HxCDF	18353136	1.35	y	26:18	1.08		~~48.36~~	45.95	0.90	-	n
13C-1,2,3,6,7,8-HxCDD	58276900	1.20	y	31:02	0.96		164.49		0.64	82.2	n
1,2,3,4,7,8-HxCDD	1123791	1.27	y	30:54	0.95		4.04		0.82	-	n
1,2,3,6,7,8-HxCDD	2166569	1.39	y	31:03	1.00		7.42		0.78	-	n
1,2,3,7,8,9-HxCDD	7455720	1.21	y	31:26	1.04		24.51		0.75	-	n
Total HxCDD	28503350	1.17	y	27:43	1.00		~~96.94~~	97.39	0.78	-	n
13C-1,2,3,4,6,7,8-HpCDF	55171900	0.44	y	33:27	1.13		132.03		1.02	66.0	n
1,2,3,4,6,7,8-HpCDF	4887490	1.08	y	33:28	1.31		13.52		0.52	-	n
1,2,3,4,7,8,9-HpCDF	512577	0.96	y	34:39	1.19		1.56	DC	0.57	-	n
Total HpCDF	10915316	1.08	y	33:28	1.25		~~31.06~~	28.04	0.54	-	n
13C-1,2,3,4,6,7,8-HpCDD	54348900	1.05	y	34:19	1.00		147.19		1.01	73.6	n
1,2,3,4,6,7,8-HpCDD	31812900	1.07	y	34:20	0.95		123.43		0.87	-	n
Total HpCDD	61648115	3.81	n	33:26	0.95		~~239.19~~	237.82	0.87	86.7	n
13C-OCDD	82084300	0.90	y	36:53	~~0.81~~ 0.64		274.13		1.18	~~68.5~~	n
OCDF	4331850	0.95	y	36:59	1.32		16.01		0.75	-	n
OCDD	190226200	0.89	y	36:54	1.00		922.48		1.03	-	n

Run Text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:18
Run: 13 File: 10JA061D5 S:10 Acq:10-JAN-06 15:50:12
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D5

Amount:	447.60 of which	99.66 named and	347.94	unnamed
Conc:	44.76 of which	9.97 named and	34.79	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:12	1.77	n	0.31	185433	8.3	y	n
						104821	3.7	y	n
	2	14:31	0.59	n	0.50	129082	6.8	y	n
						217746	6.2	y	n
	3	14:40	0.77	y	1.67	428053	21.8	y	n
						558409	16.7	y	n
	4	14:54	0.73	y	3.70	923060	35.6	y	n
						1263810	25.2	y	n
	5	15:08	0.80	y	1.88	494300	16.0	y	n
						620125	11.8	y	n
	6	15:23	0.86	y	3.41	930822	27.0	y	n
						1086610	16.9	y	n
	7	15:37	0.73	y	4.76	1190190	58.9	y	n
						1627300	46.3	y	n
	8	15:48	0.68	y	5.78	1388000	38.8	y	n
						2032860	28.9	y	n
	9	16:07	0.71	y	2.62	642538	32.3	y	n
						906817	23.9	y	n
	10	16:18	0.77	y	1.59	408142	19.5	y	n
						533006	14.1	y	n
2,3,7,8-TCDF	11	16:29	0.75	y	9.97	2522160	116.9	y	n
						3376030	83.1	y	n
	12	16:51	0.69	y	3.84	931653	41.2	y	n
						1340870	34.5	y	n
	13	17:03	0.69	y	2.60	630335	23.9	y	n
						909001	23.0	y	n
	14	17:34	0.81	y	1.41	374409	19.0	y	n
						460594	11.6	y	n
	15	17:54	1.31	n	0.29	127549	5.5	y	n
						97216	2.5	n	n

16	18:10	0.58	n	0.20	50993	2.8	n	n
					88259	2.6	n	n
17	18:27	2.32	n	0.14	108581	4.4	y	n
					46757	1.6	n	n
18	18:46	0.43	n	0.10	24770	1.6	n	n
					57996	1.5	n	n

Run Text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:10
Run: 13 File: 10JA061D5 S:10 Acq:10-JAN-06 15:50:12
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	325.84 of which	* named and	325.84	unnamed
Conc:	32.58 of which	* named and	32.58	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:03	0.83	y	1.25	220915	7.0	y	n
						264857	9.4	y	n
	2	15:19	1.01	n	1.38	308611	11.0	y	n
						304902	12.7	y	n
	3	16:05	0.76	y	3.64	612021	17.1	y	n
						808971	27.0	y	n
	4	16:14	0.90	n	4.58	906227	16.4	y	n
						1007910	23.6	y	n
	5	16:39	1.15	n	1.30	327204	8.7	y	n
						285583	10.2	y	n
	6	16:56	0.90	n	10.19	2029730	32.9	y	n
						2245080	42.3	y	n
	7	17:17	0.89	n	3.06	600331	18.0	y	n
						674852	25.6	y	n
	8	17:28	1.00	n	2.44	540626	15.9	y	n
						538594	18.9	y	n
	9	17:42	1.10	n	1.49	361028	9.7	y	n
						327212	11.0	y	n
	10	18:09	0.76	y	3.25	548054	15.1	y	n
						721063	23.8	y	n

See pg 2A

Run Text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? yes #Hom:12
Run: 13 File: 10JA061D5 S:10 Acq:10-JAN-06 15:50:12
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10ja061d

Amount:	341.45 of which	8.38 named and	333.06 unnamed
Conc:	34.14 of which	0.84 named and	33.31 unnamed

Name	#	R.T.	Ratio		Conc.		Area	S/N	>?	Mod?
	1	15:03	0.89	n	1.03	JA	202302	7.0	y	y
							226782	9.4	y	y
	2	15:19	1.01	n	1.38	JA	308610	11.0	y	n
							304904	12.7	y	n
	3	15:33	0.66	y	0.81		125489	4.2	y	n
							190818	7.7	y	y
	4	16:05	0.76	y	3.64		612021	17.1	y	n
							808971	27.0	y	n
	5	16:14	0.80	y	4.22		733575	16.5	y	y
							912696	23.6	y	y
	6	16:39	0.89	n	1.38	JA	271640	8.7	y	y
							304483	10.7	y	y
	7	16:56	0.84	y	10.59		1882850	33.0	y	y
							2245080	42.3	y	n
2,3,7,8-TCDD	8	17:08	0.73	y	0.84	DL	138423	4.2	y	y
							188467	7.1	y	y
	9	17:17	0.89	n	3.06	JA	600331	18.0	y	n
							674852	25.6	y	n
	10	17:28	1.00	n	2.44	JA	540626	15.9	y	n
							538594	18.9	y	n
	11	17:42	1.10	n	1.49	JA	361028	9.7	y	n
							327212	11.0	y	n
	12	18:09	0.76	y	3.25		548056	15.1	y	n
							721064	23.8	y	n

PM

2A

Run Text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:13
Run: 13 File: 10JA061D5 S:10 Acq:10-JAN-06 15:50:12
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	525.66	of which	70.07	named and	455.59	unnamed			
Conc:	52.57	of which	7.01	named and	45.56	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	19:42	1.78	y	0.78	235403	9.4	y	n
						132210	3.5	y	n
	2	19:53	1.64	y	18.12	5319630	177.6	y	n
						3250120	58.1	y	n
	3	20:06	1.56	y	1.72	494104	15.8	y	n
						316875	5.8	y	n
	4	20:20	2.72	n	0.87	189033	4.5	y	n
						69396	1.9	n	n
	5	20:36	1.51	y	5.35	1520820	48.9	y	n
						1008870	19.3	y	n
	6	20:41	1.54	y	3.90	1115840	39.0	y	n
						726870	14.9	y	n
	7	21:00	1.63	y	1.48	433518	16.1	y	n
						265390	5.3	y	n
1,2,3,7,8-PeCDF	8	21:07	1.25	n	2.42	680983	22.6	y	n
						545609	8.8	y	n
	9	21:22	1.90	n	2.00	701415	20.6	y	n
						370067	6.9	y	n
	10	21:36	1.66	y	3.81	1122500	35.3	y	n
						678242	11.3	y	n
2,3,4,7,8-PeCDF	11	22:21	1.43	y	4.59	1303810	40.7	y	n
						911354	15.6	y	n
	12	22:37	1.51	y	7.75	2203200	46.0	y	n
						1460490	17.1	y	n
	13	24:06	0.81	n	0.29	84165	4.2	y	n
						103990	1.7	n	n

Run Text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:3
Run: 13 File: 10JA061D5 S:10 Acq:10-JAN-06 15:50:12

Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	61.45	of which	* named and	61.45	unnamed
Conc:	6.15	of which	* named and	6.15	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:45	0.64	n	0.28	81385	3.6	y	n
						127815	4.2	y	n
	2	18:07	1.00	n	0.43	124427	2.9	n	n
						124113	3.3	y	n
	3	18:26	1.60	y	5.43	1580390	64.7	y	n
						986814	30.5	y	n

Run Text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:16
Run: 13 File: 10JA061D5 S:10 Acq:10-JAN-06 15:50:12
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D5

Amount:	635.47 of which	44.88 named and	590.59 unnamed
Conc:	63.55 of which	4.49 named and	59.06 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	19:44	0.43	n	0.29	57464	2.0	n	n
						133118	5.2	y	n
	2	20:03	1.43	y	5.84	1129030	32.1	y	n
						788807	36.4	y	n
	3	20:33	0.59	n	0.29	58820	3.0	y	n
						98989	4.7	y	n
	4	20:45	1.45	y	3.93	763872	25.8	y	n
						525765	19.8	y	n
	5	20:56	2.01	n	0.11	29052	2.0	n	n
						14466	0.9	n	n
	6	21:09	1.65	y	3.32	678905	19.8	y	n
						411671	16.3	y	n
	7	21:23	1.40	y	2.41	460825	14.1	y	n
						329986	11.6	y	n
	8	21:40	1.40	y	3.39	650645	21.5	y	n
						463576	17.7	y	n
	9	21:56	1.39	y	3.58	682876	21.4	y	n
						492798	17.0	y	n
	10	22:06	1.44	y	8.29	1606400	43.8	y	n
						1114450	35.2	y	n
	11	22:18	1.85	n	0.30	71120	3.0	y	n
						38513	1.9	n	n
	12	22:27	1.54	y	3.42	682000	22.2	y	n
						442167	16.7	y	n
	13	22:40	1.58	y	10.20	2049130	61.4	y	n
						1299640	46.3	y	n
1,2,3,7,8-PeCDD	14	23:01	1.48	y	4.49	878489	25.9	y	n
						595502	17.2	y	n
	15	23:18	1.48	y	5.06	992679	30.3	y	n
						670362	22.1	y	n
	16	23:56	1.64	y	8.63	1760720	49.4	y	n

						1072600	36.9	y	n

Run Text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:9
Run: 13 File: 10JA061D5 S:10 Acq:10-JAN-06 15:50:12
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount: 483.58 of which 161.37 named and 322.21 unnamed
Conc: 48.36 of which 16.14 named and 32.22 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	26:18	1.35	y	4.10	888410	17.4	y	n
						658195	14.8	y	n
	2	26:38	1.20	y	15.54	3199280	59.5	y	n
						2664030	53.8	y	n
	3	27:26	1.48	n	0.79	195990	2.8	n	n
						132598	3.1	y	n
	4	27:51	1.32	y	10.69	2298130	39.1	y	n
						1737370	36.1	y	n
1,2,3,4,7,8-HxCDF	5	28:58	1.41	y	8.22	1858600	20.7	y	n
						1322830	15.9	y	n
1,2,3,6,7,8-HxCDF	6	29:16	1.15	y	3.50	742332	11.9	y	n
						646341	11.6	y	n
	7	30:29	1.64	n	1.10	304079	7.7	y	n
						185851	6.3	y	n
2,3,4,6,7,8-HxCDF	8	30:37	1.12	y	3.60	704258	16.8	y	n
						631148	16.6	y	n
1,2,3,7,8,9-HxCDF	9	31:48	2.23	n	0.81	287884	6.4	y	n
						128967	5.7	y	n

See Pg 6A

Run Text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? yes #Hom:8
Run: 13 File: 10JA061D5 S:10 Acq:10-JAN-06 15:50:12
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10ja061d¶

Amount:	467.63 of which	123.87 named and	343.76 unnamed
Conc:	46.76 of which	12.39 named and	34.38 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	26:18	1.35	y	4.10	888410	17.4	y	n
						658195	14.8	y	n
	2	26:38	1.20	y	15.54	3199280	59.5	y	n
						2664030	53.8	y	n
	3	27:51	1.32	y	10.69	2298130	39.1	y	n
						1737370	36.1	y	n
	4	28:53	1.27	y	4.05	855012	17.4	y	y
						671584	15.7	y	y
1,2,3,4,7,8-HxCDF	5	28:58	1.41	y	4.45	1007280	20.7	y	y
						713393	16.3	y	y
1,2,3,6,7,8-HxCDF	6	29:16	1.13	y	3.52	742333	11.9	y	n
						656576	11.9	y	y
2,3,4,6,7,8-HxCDF	7	30:37	1.12	y	3.60	704259	16.8	y	n
						631146	16.6	y	n
1,2,3,7,8,9-HxCDF	8	31:48	2.23	n	0.81	287886	6.4	y	n
						128967	5.7	y	n

PS
6A

Run Text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:7
Run: 13 File: 10JA061D5 S:10 Acq:10-JAN-06 15:50:12
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount: 969.38 of which 359.80 named and 609.59 unnamed
Conc: 96.94 of which 35.98 named and 60.96 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:43	1.17	y	14.59	2292130	46.5	y	n
						1956850	30.4	y	n
	2	29:04	1.39	y	10.04	1700510	26.4	y	n
						1224530	20.4	y	n
	3	29:45	1.27	y	27.59	4492070	76.9	y	n
						3543920	56.7	y	n
	4	30:05	1.18	y	8.74	1378110	29.8	y	n
						1169150	22.3	y	n
1,2,3,4,7,8-HxCDD	5	30:54	1.27	y	4.04	629387	20.2	y	n
						494404	12.5	y	n
1,2,3,6,7,8-HxCDD	6	31:03	1.39	y	7.42	1259590	33.9	y	n
						906979	24.5	y	n
1,2,3,7,8,9-HxCDD	7	31:26	1.21	y	24.51	4077640	96.5	y	n
						3378080	71.2	y	n

See pg 7A

Run Text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:4
Run: 13 File: 10JA061D5 S:10 Acq:10-JAN-06 15:50:12
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount: 310.65 of which 150.78 named and 159.87 unnamed
Conc: 31.06 of which 15.08 named and 15.99 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,6,7,8-HpCDF	1	33:28	1.08	y	13.52	2536800	83.3	y	n
						2350690	69.4	y	n
	2	33:39	1.16	y	1.42	262886	7.6	y	n
						226123	6.8	y	n
	3	33:47	1.03	y	14.57	2551840	83.0	y	n
						2474400	73.8	y	n
1,2,3,4,7,8,9-HpCDF	4	34:39	0.96	y	1.56	250769	7.4	y	n

Run Text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? yes #Hom:8
Run: 13 File: 10JA061D5 S:10 Acq:10-JAN-06 15:50:12
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 8290120905lD5 Results: 10ja061d

Amount:	973.94 of which	188.21 named and	785.73 unnamed
Conc:	97.39 of which	18.82 named and	78.57 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:43	1.17	y	14.59	2292130	46.5	y	n
						1956850	30.4	y	n
	2	29:04	1.39	y	10.04	1700510	26.4	y	n
						1224530	20.4	y	n
	3	29:45	1.27	y	27.59	4492060	76.9	y	n
						3543920	56.7	y	n
	4	30:05	1.18	y	8.74	1378100	29.8	y	n
						1169150	22.3	y	n
1,2,3,4,7,8-HxCDD	5	30:54	1.27	y	4.04	629387	20.2	y	n
						494397	12.5	y	n
1,2,3,6,7,8-HxCDD	6	31:03	1.39	y	7.42	1259590	33.9	y	n
						906970	24.5	y	n
	7	31:26	1.16	y	17.61	2761040	96.6	y	y
						2370040	71.3	y	y
1,2,3,7,8,9-HxCDD	8	31:28	1.32	y	7.35	1271500	75.6	y	y
						965140	50.8	y	y

pg 7A

261808 7.3 y n

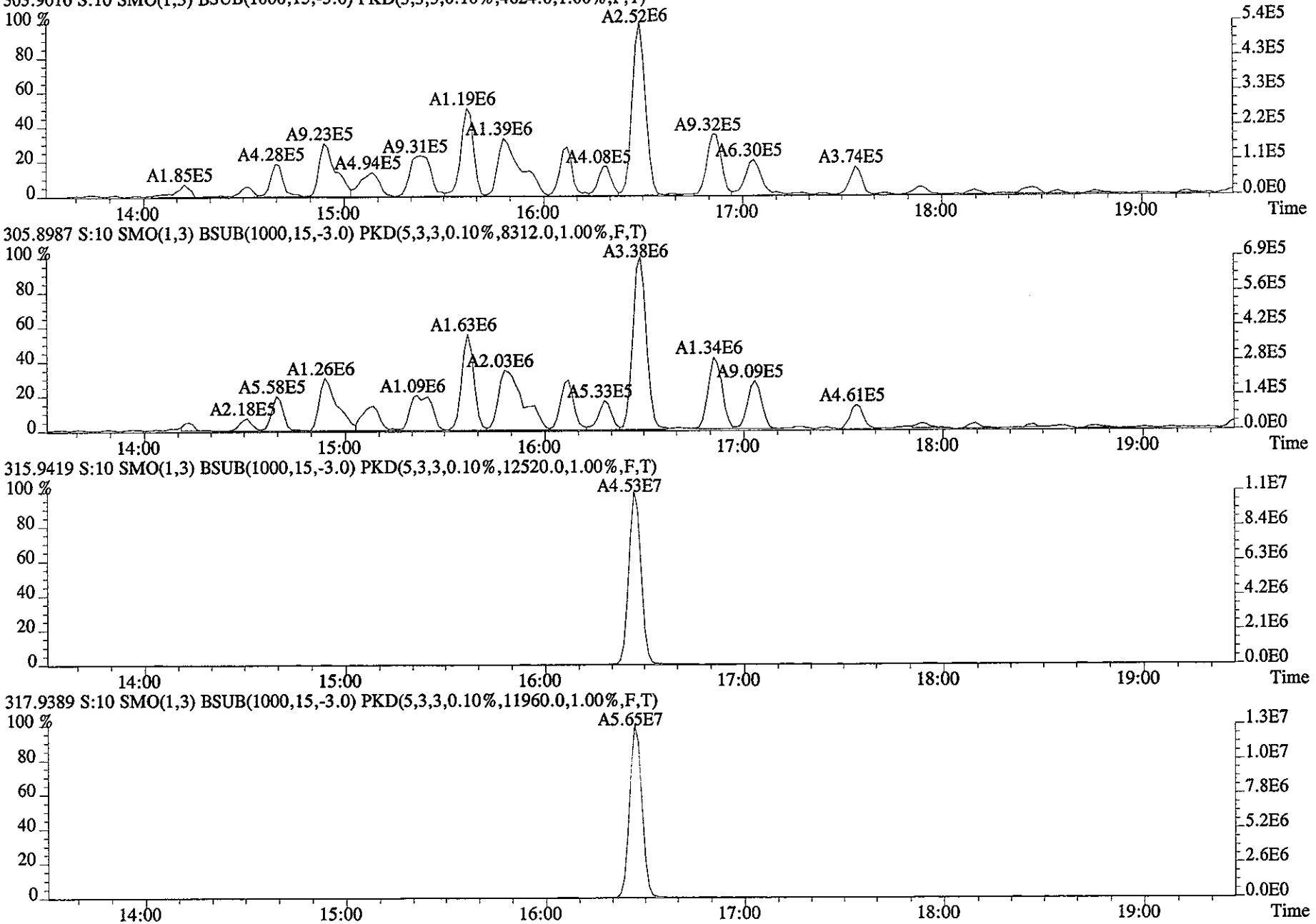
Run Text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14

Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:4
Run: 13 File: 10JA061D5 S:10 Acq:10-JAN-06 15:50:12
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

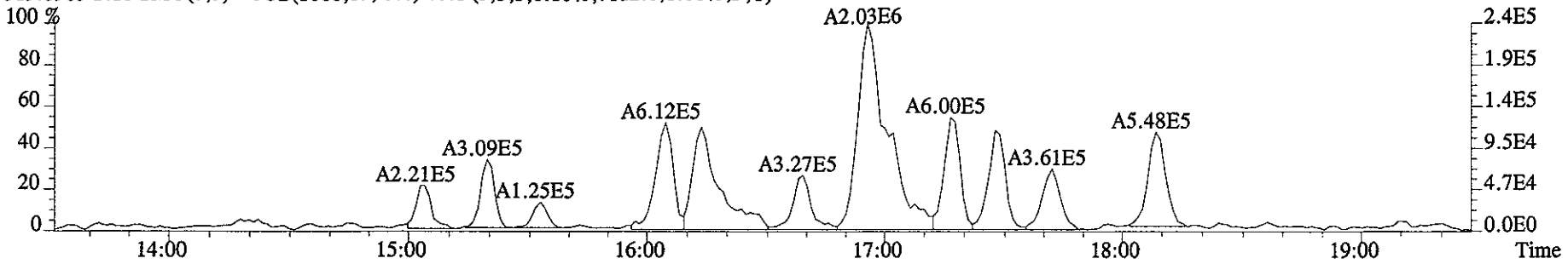
Amount:	2391.92 of which	1234.33 named and	1157.59 unnamed
Conc:	239.19 of which	123.43 named and	115.76 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:26	3.81	n	0.48	231606	6.9	y	n
						60815	1.8	n	n
	2	33:44	1.05	y	114.39	15084500	419.6	y	n
						14397000	404.8	y	n
1,2,3,4,6,7,8-HpCDD	3	34:20	1.07	y	123.43	16463200	434.4	y	n
						15349700	427.2	y	n
	4	34:39	2.60	n	0.89	292732	5.5	y	n
						112575	3.6	y	n

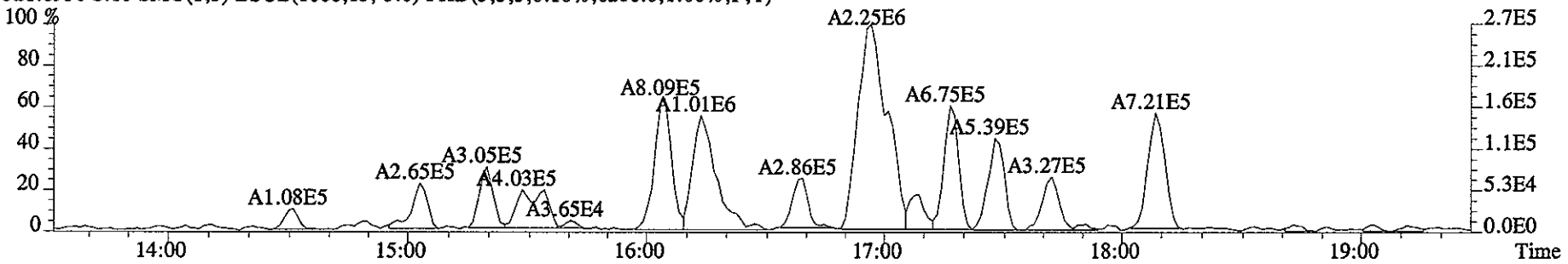
File:10JA061D5 #1-323 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN



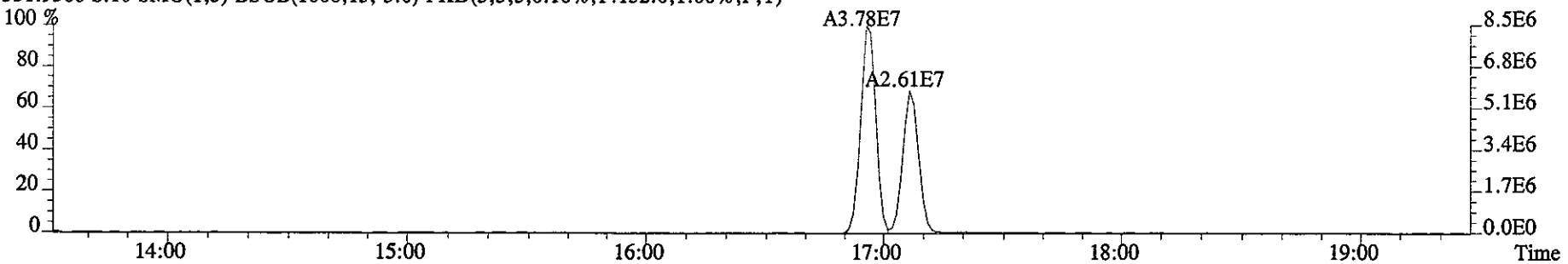
File:10JA061D5 #1-323 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
319.8965 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7112.0,1.00%,F,T)



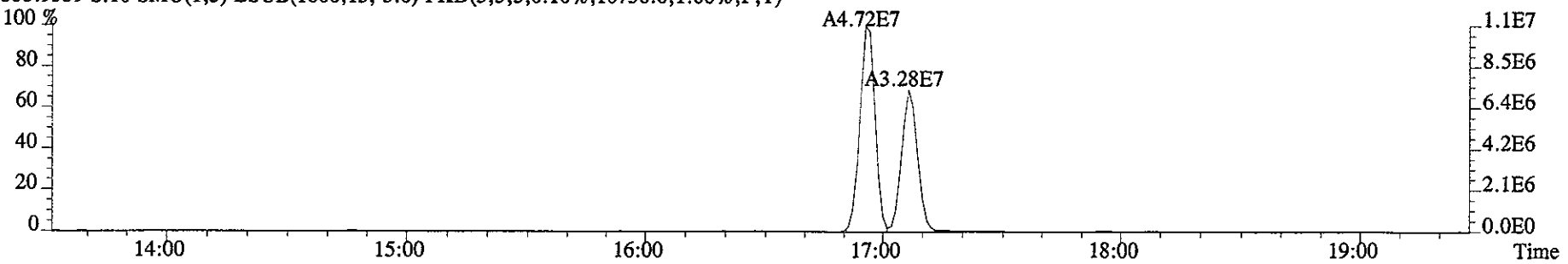
321.8936 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6216.0,1.00%,F,T)



331.9368 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14152.0,1.00%,F,T)



333.9339 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10736.0,1.00%,F,T)

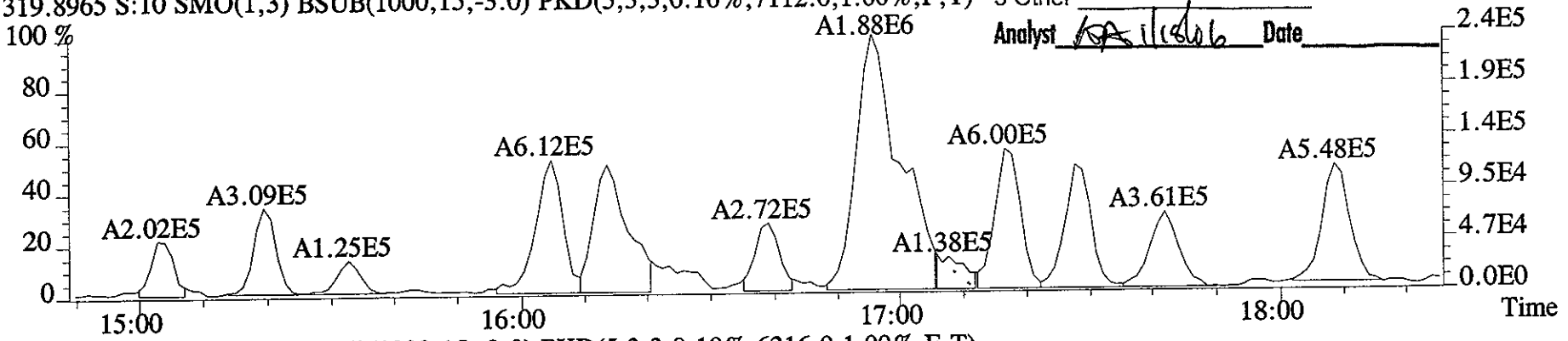


MANUAL EDIT CODES

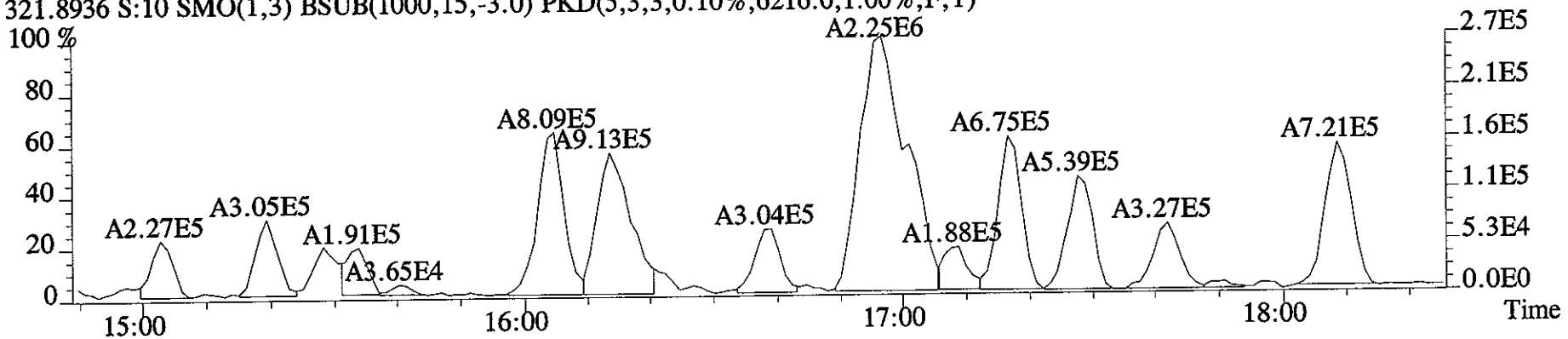
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst KA 1/24/06 Date _____

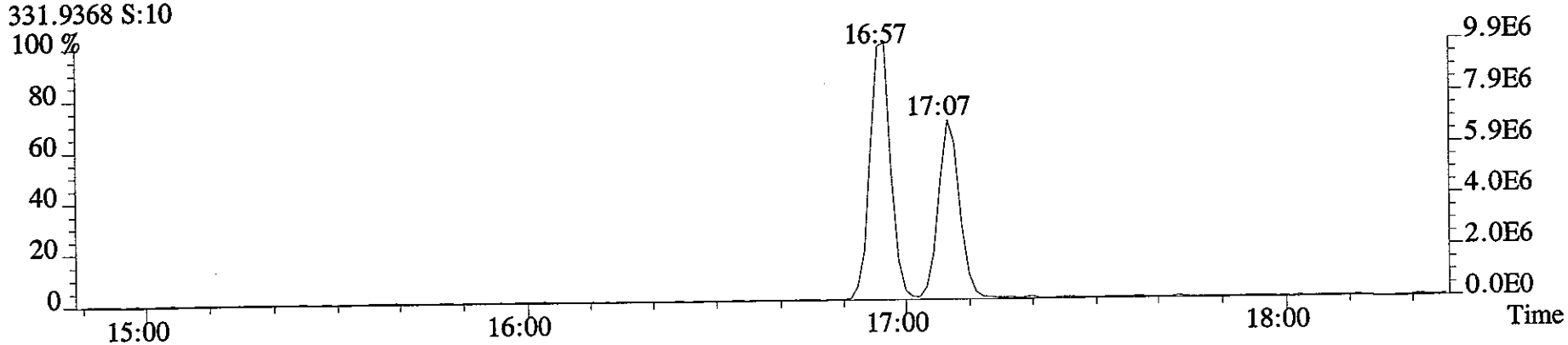
File:10JA061D5 #1-323 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
319.8965 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7112.0,1.00%,F,T)



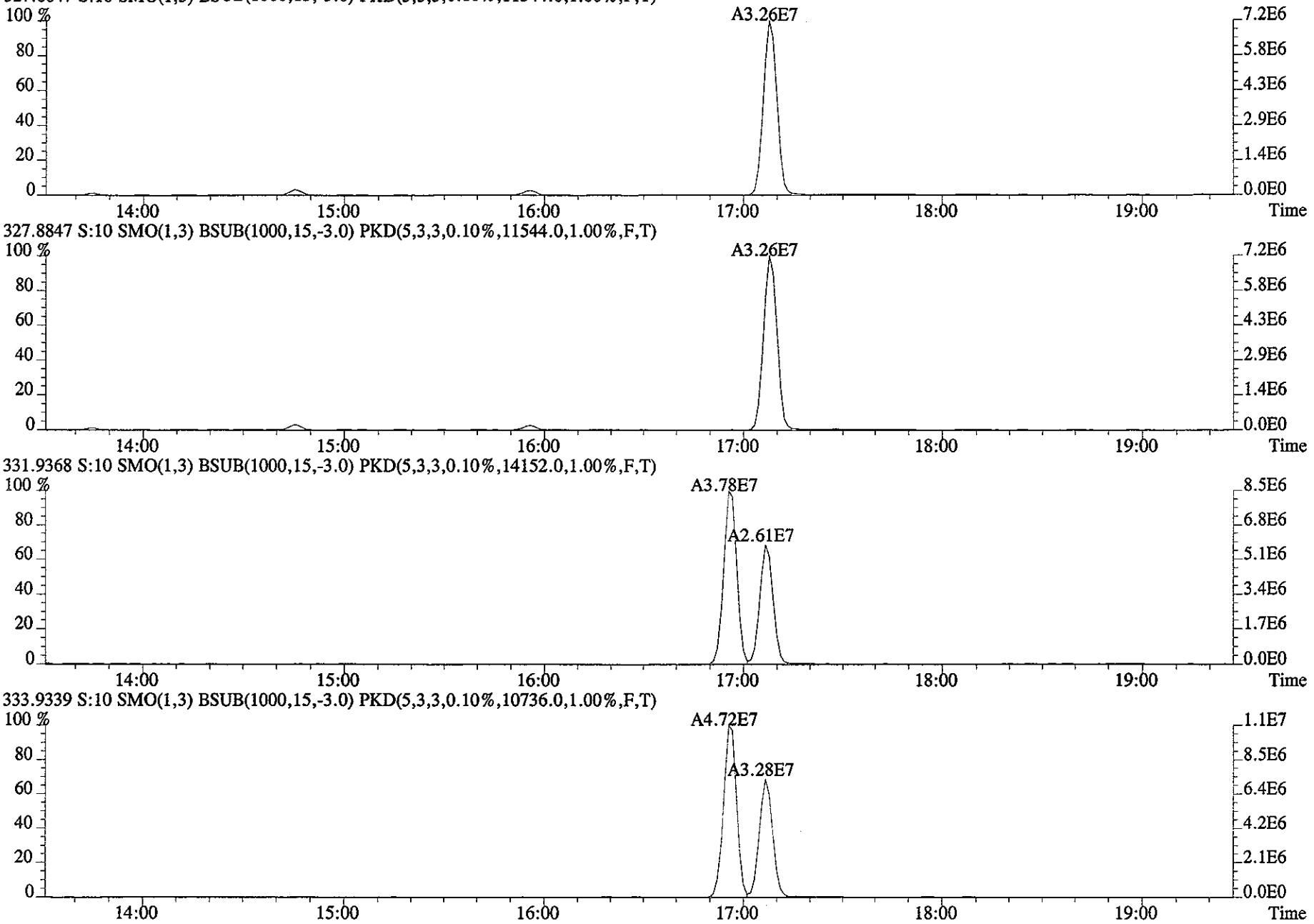
321.8936 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6216.0,1.00%,F,T)



331.9368 S:10

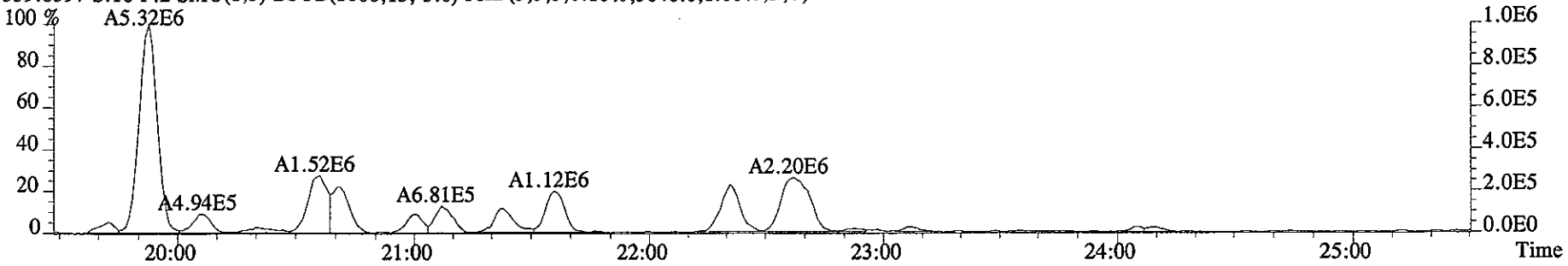


File:10JA061D5 #1-323 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN

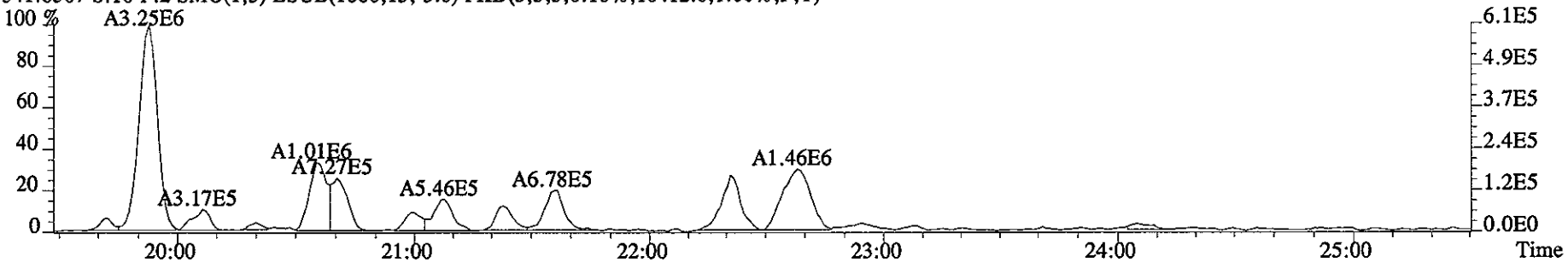


File:10JA061D5 #1-425 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN

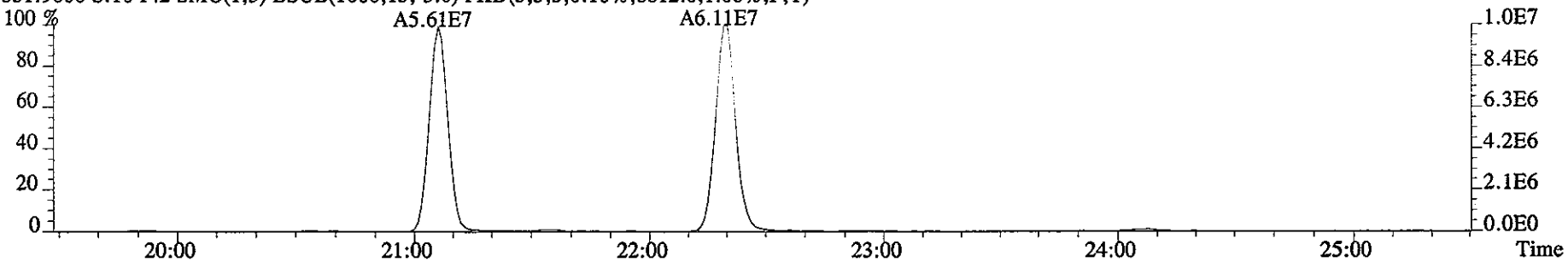
339.8597 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5648.0,1.00%,F,T)



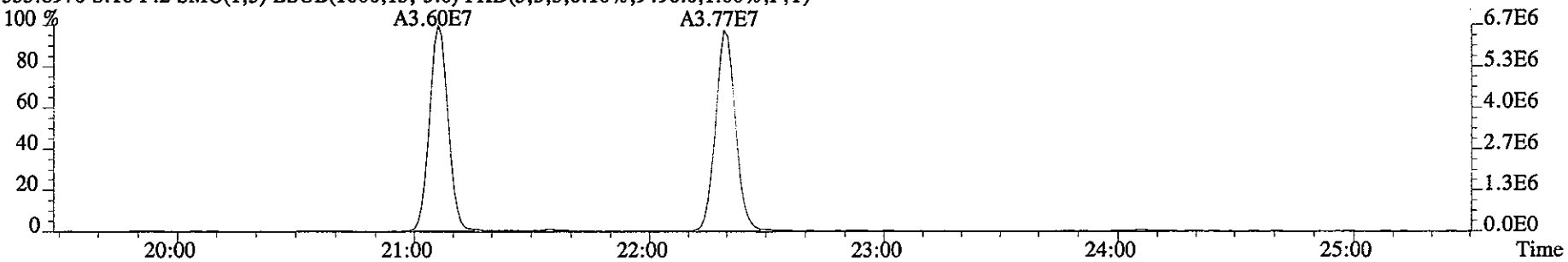
341.8567 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10412.0,1.00%,F,T)

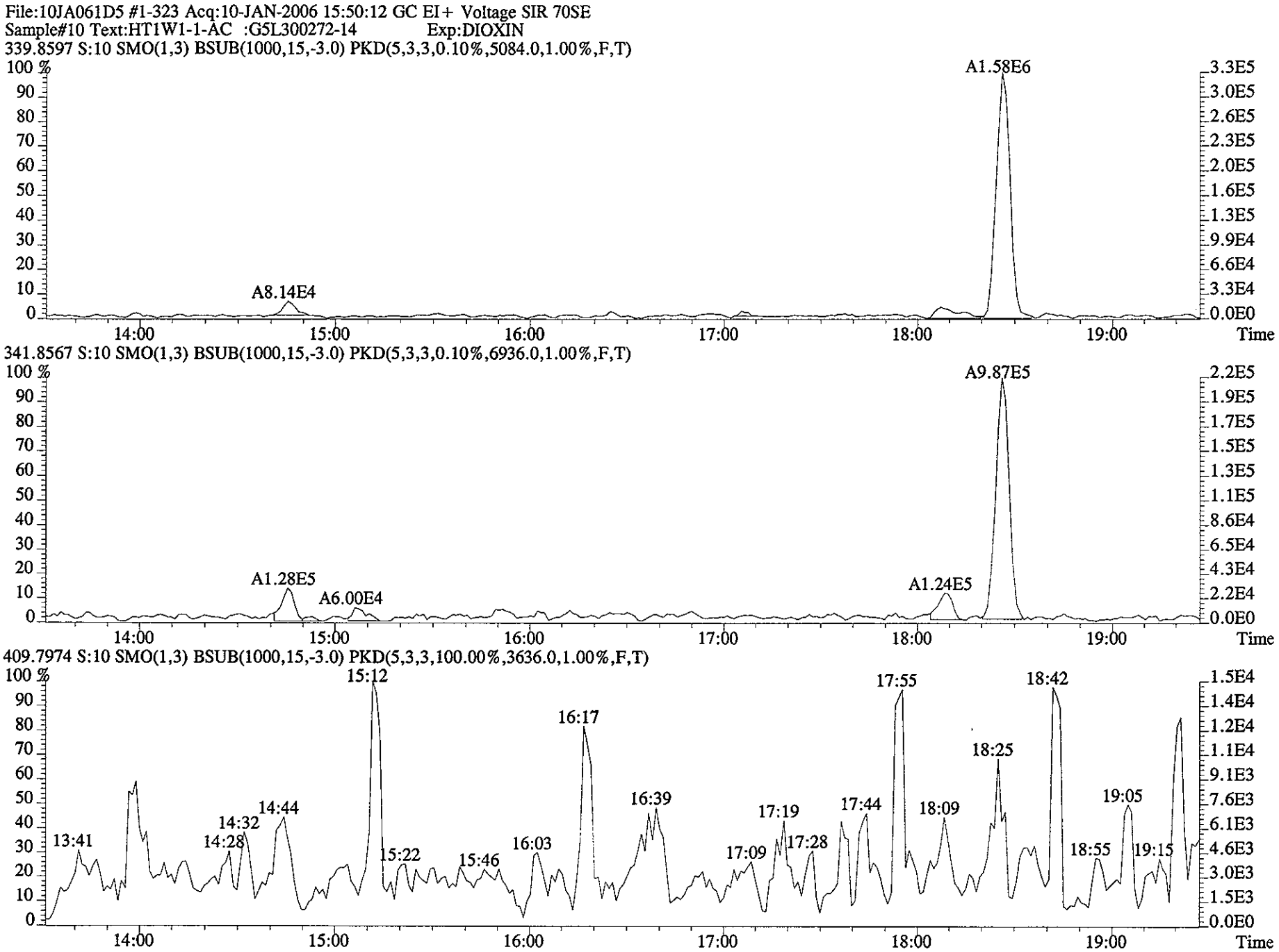


351.9000 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8812.0,1.00%,F,T)



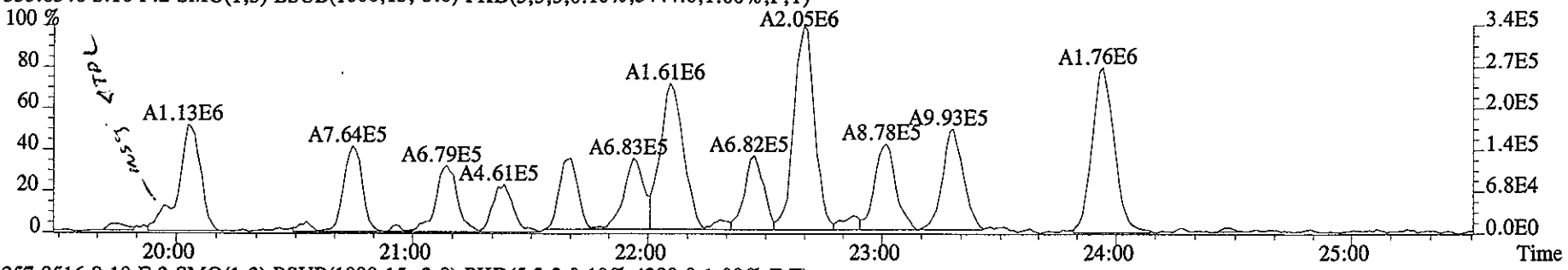
353.8970 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9496.0,1.00%,F,T)



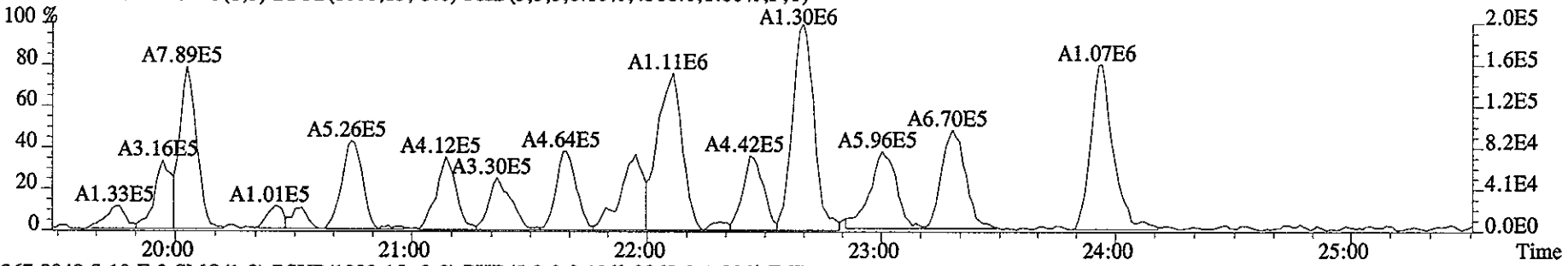

File:10JA061D5 #1-323 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
339.8597 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5084.0,1.00%,F,T)
A1.58E6
A8.14E4
341.8567 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6936.0,1.00%,F,T)
A9.87E5
A1.28E5
A6.00E4
A1.24E5
409.7974 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3636.0,1.00%,F,T)
15:12
16:17
17:55
18:42
18:25
16:39
17:19
17:44
18:09
19:05
14:44
14:32
13:41
14:28
15:22
15:46
16:03
17:09
17:28
18:55
19:15
100 %
Time
14:00
15:00
16:00
17:00
18:00
19:00

File:10JA061D5 #1-425 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN

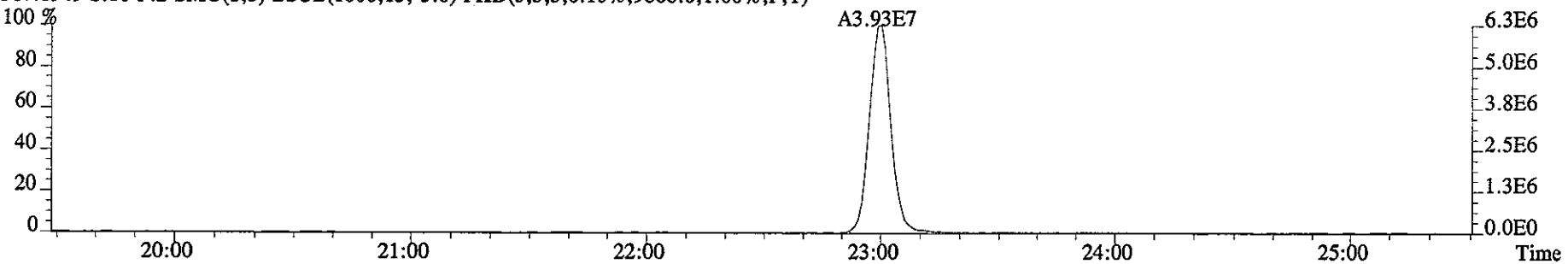
355.8546 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5444.0,1.00%,F,T)



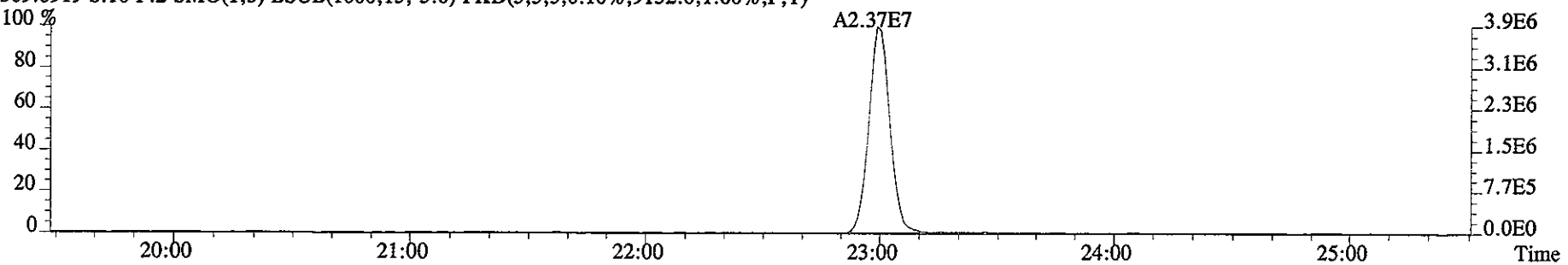
357.8516 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4388.0,1.00%,F,T)



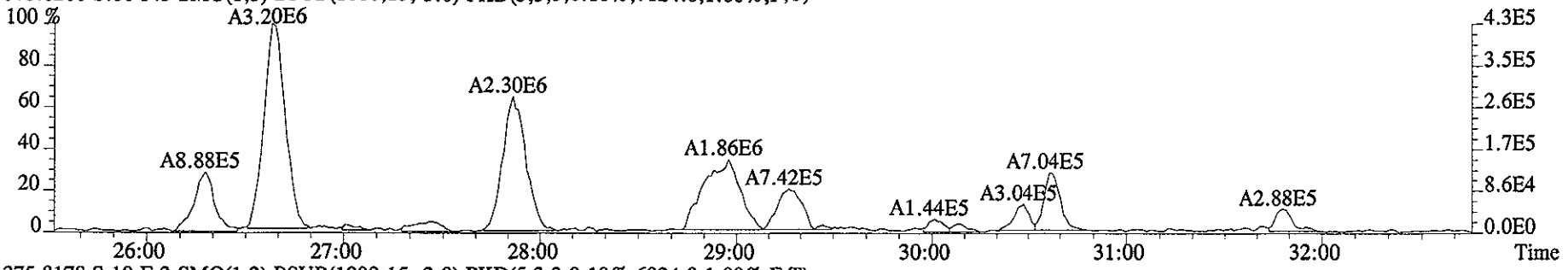
367.8949 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9868.0,1.00%,F,T)



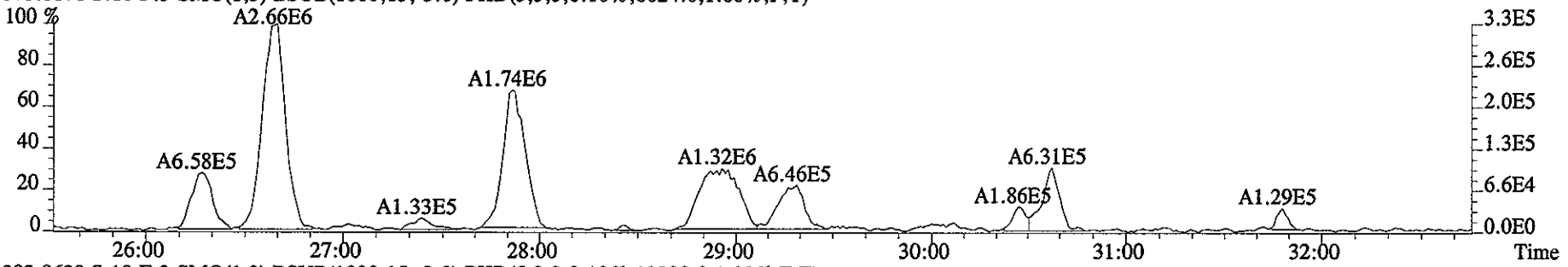
369.8919 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9132.0,1.00%,F,T)



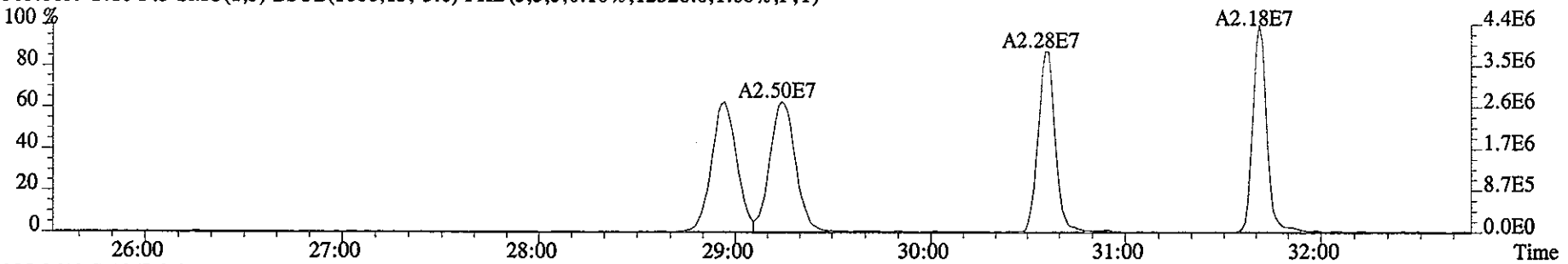
File:10JA061D5 #1-486 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
373.8208 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7124.0,1.00%,F,T)



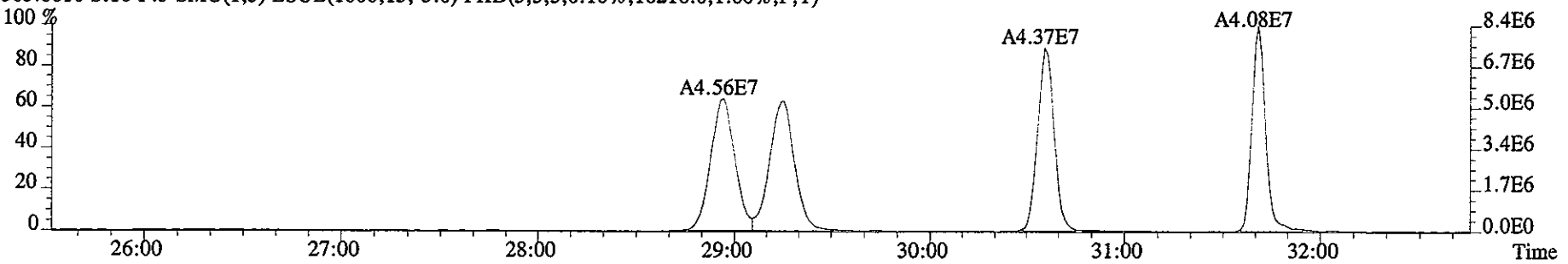
375.8178 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6024.0,1.00%,F,T)



383.8639 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12328.0,1.00%,F,T)



385.8610 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16216.0,1.00%,F,T)

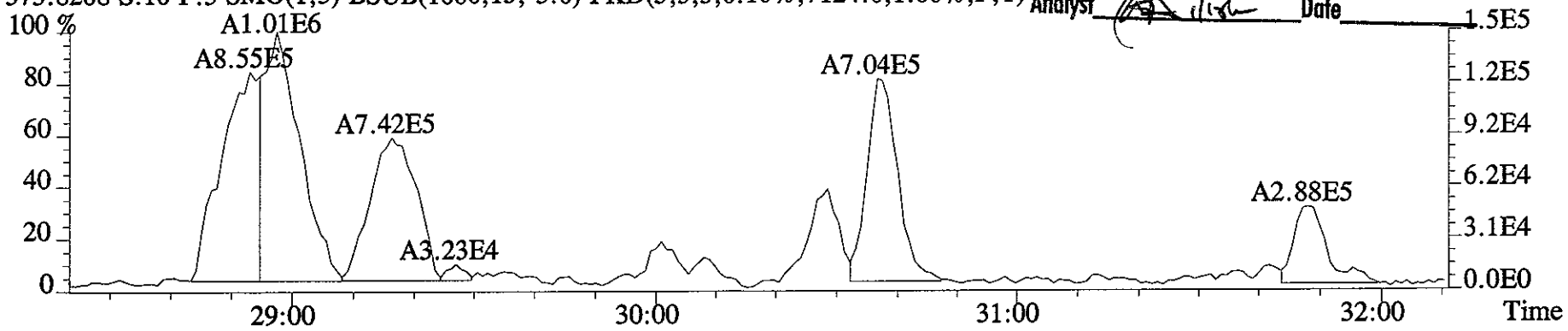


MANUAL EDIT CODES

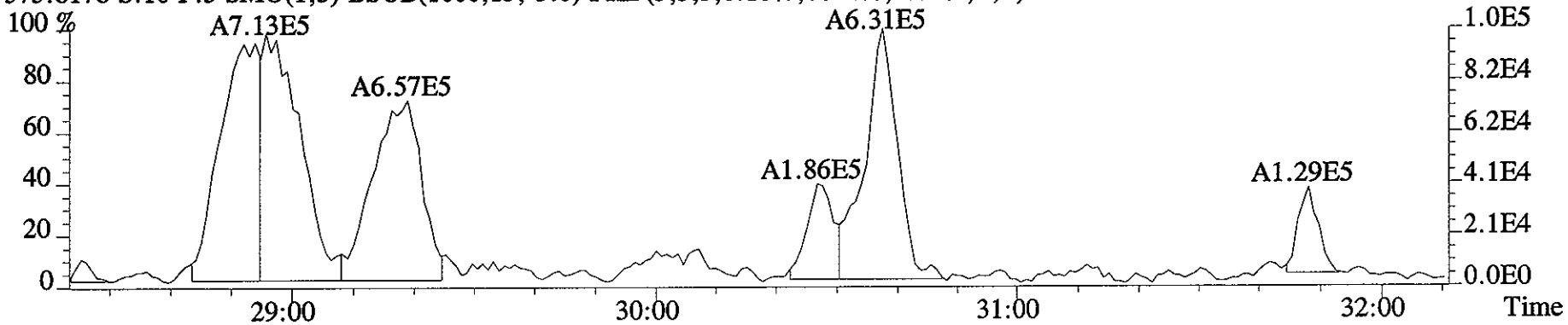
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

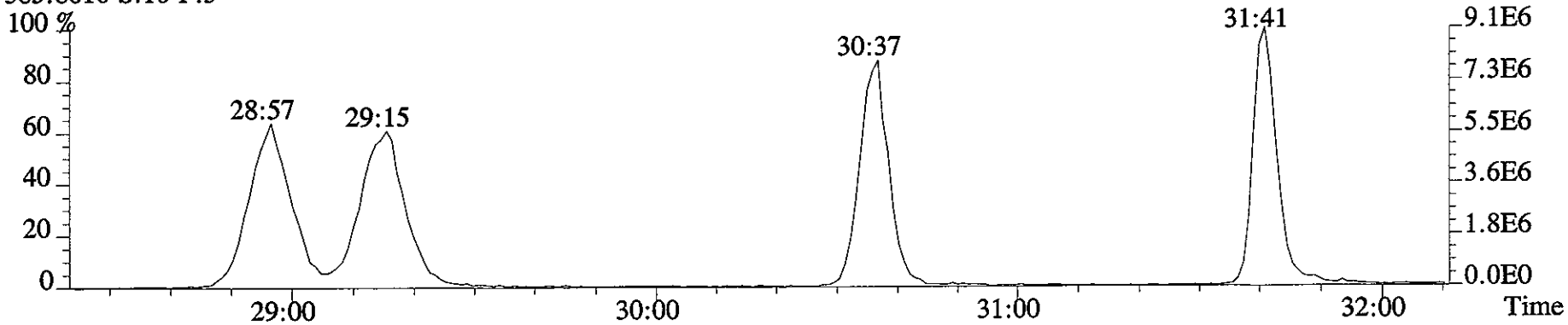
File:10JA061D5 #1-486 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
373.8208 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7124.0,1.00%,F,T)



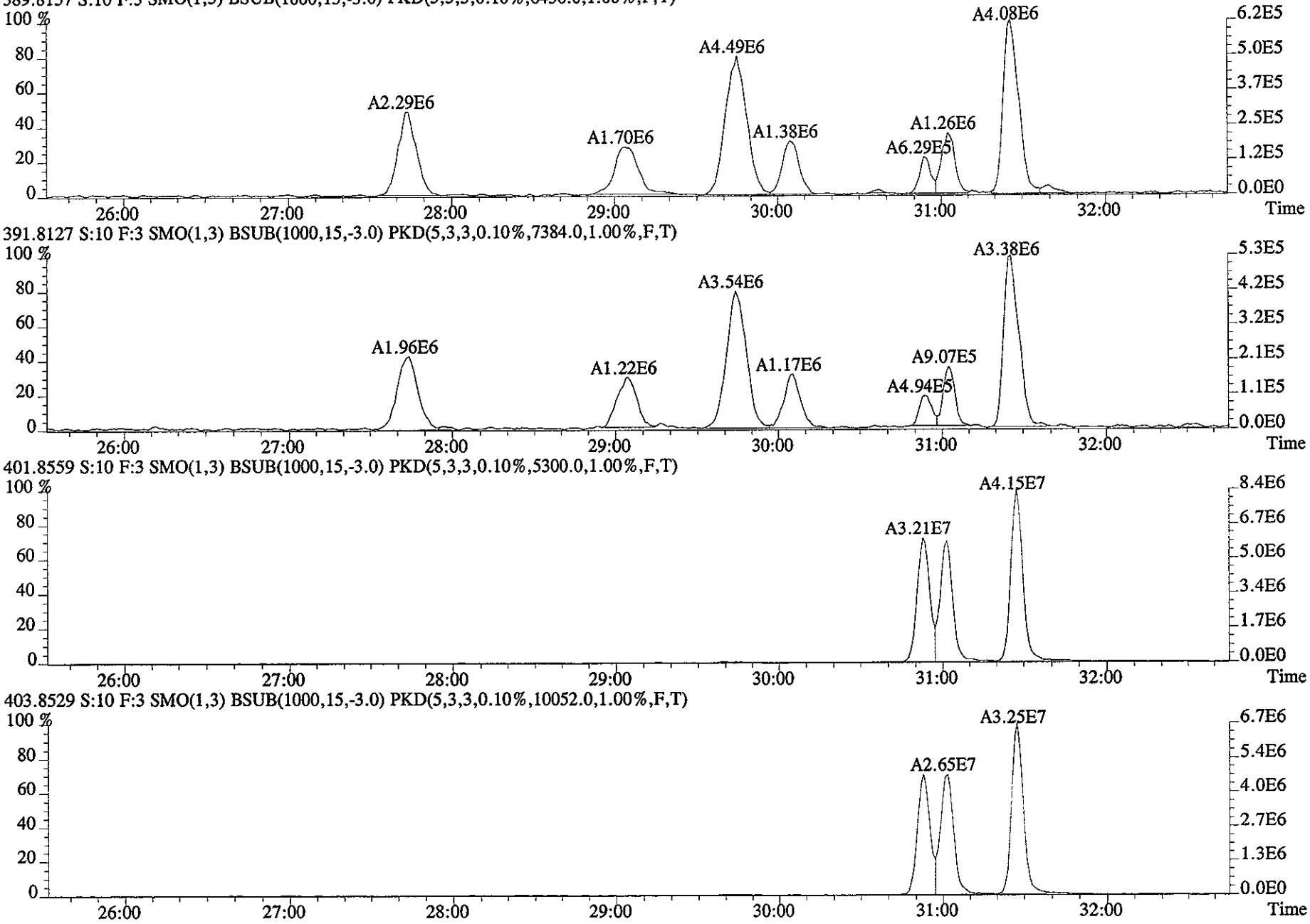
375.8178 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6024.0,1.00%,F,T)



385.8610 S:10 F:3



File:10JA061D5 #1-486 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN

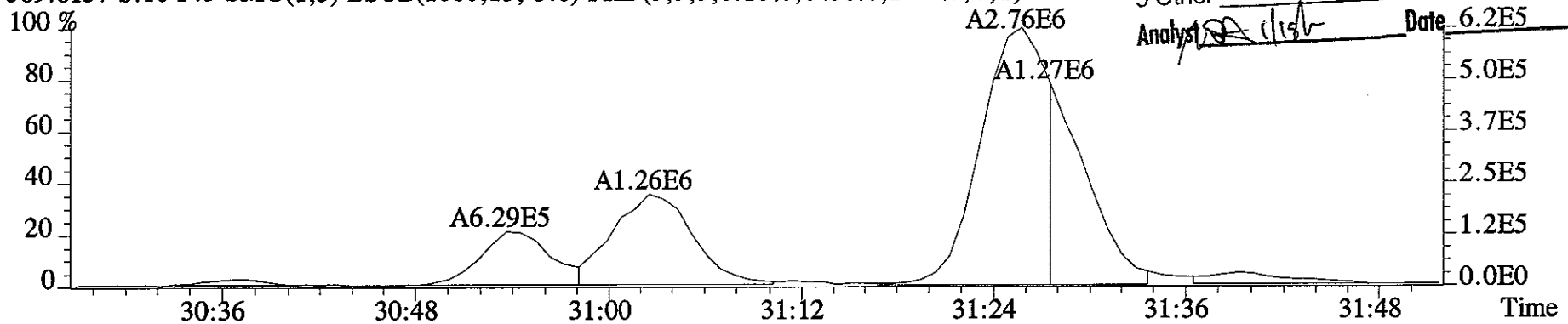


MANUAL EDIT CODES

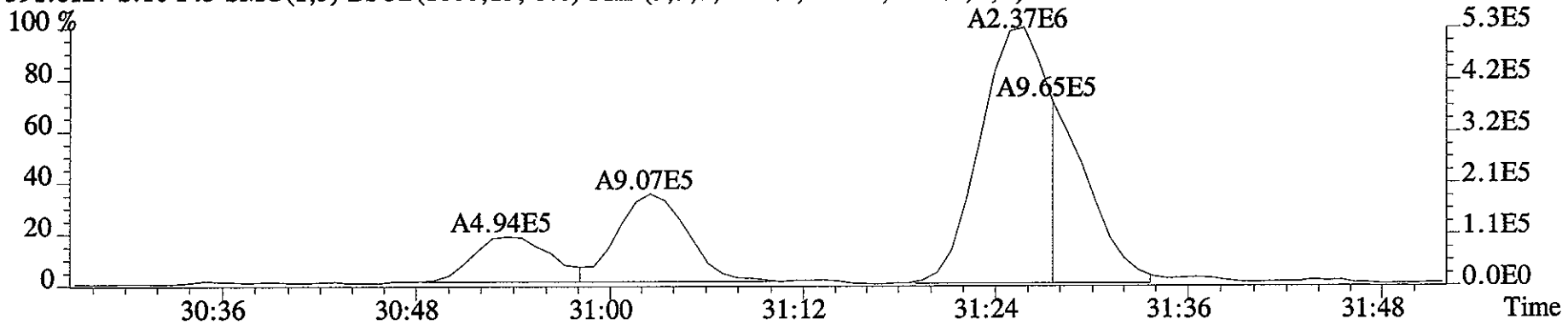
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

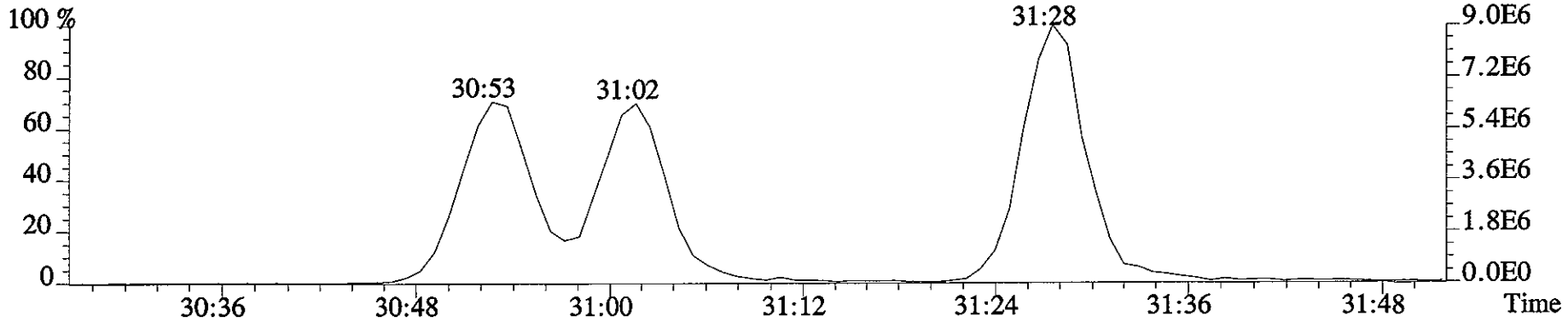
File:10JA061D5 #1-486 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
389.8157 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6436.0,1.00%,F,T)



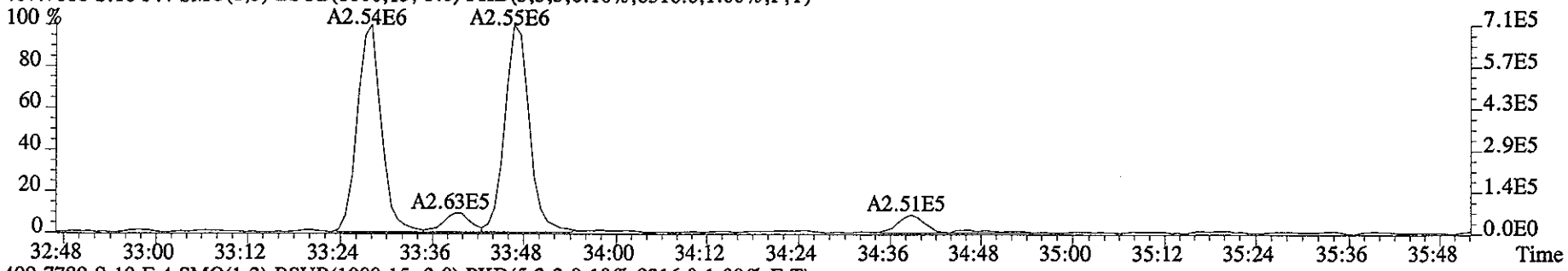
391.8127 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7384.0,1.00%,F,T)



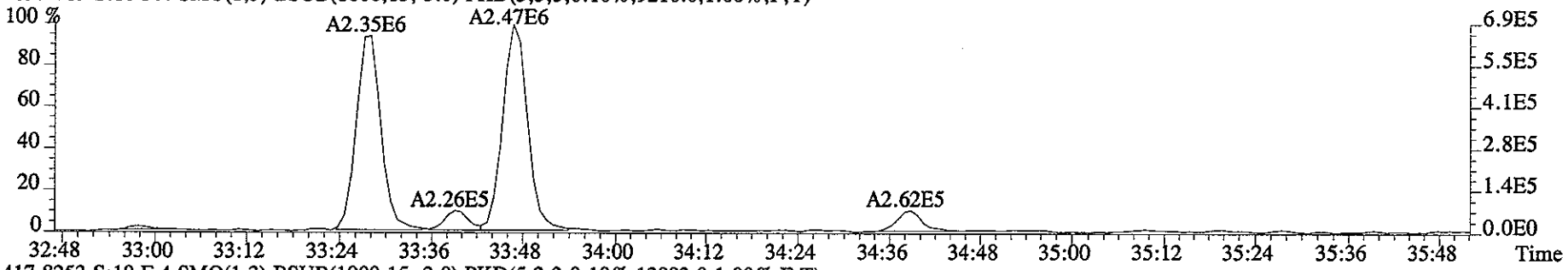
401.8559 S:10 F:3



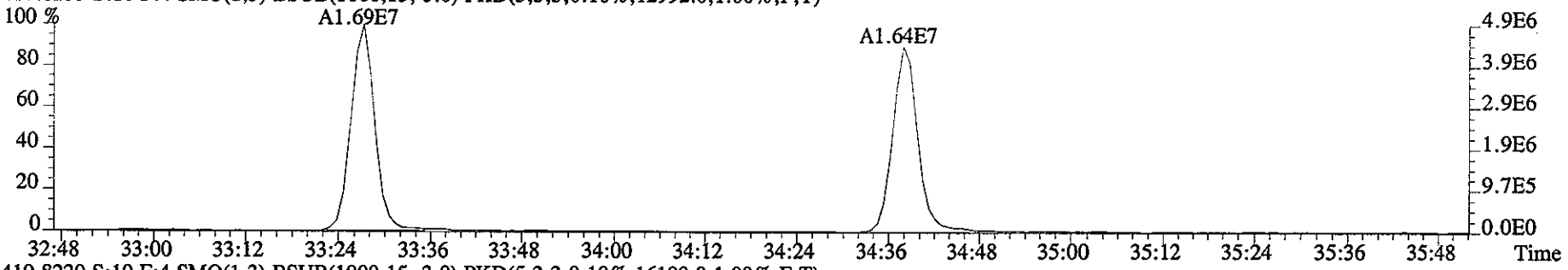
File:10JA061D5 #1-218 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
407.7818 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8516.0,1.00%,F,T)



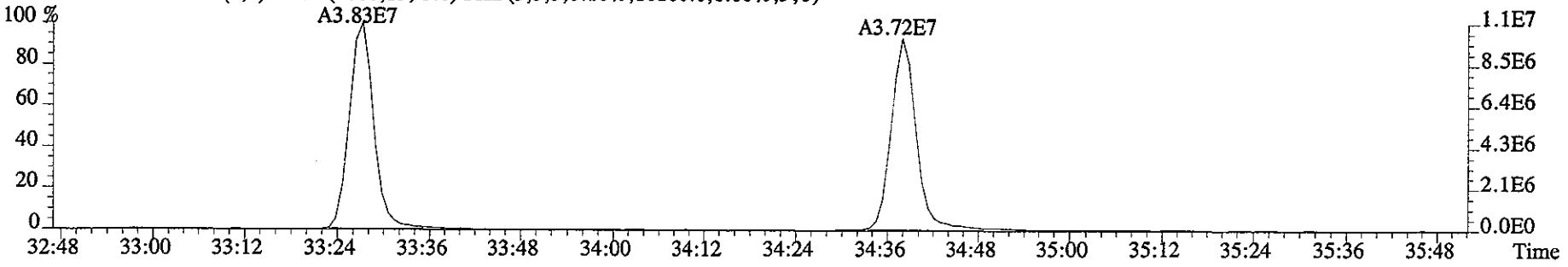
409.7789 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9216.0,1.00%,F,T)



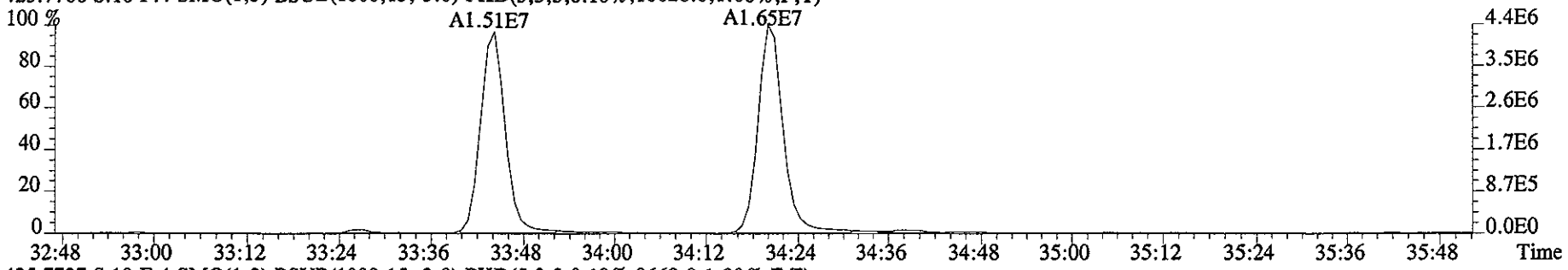
417.8253 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12992.0,1.00%,F,T)



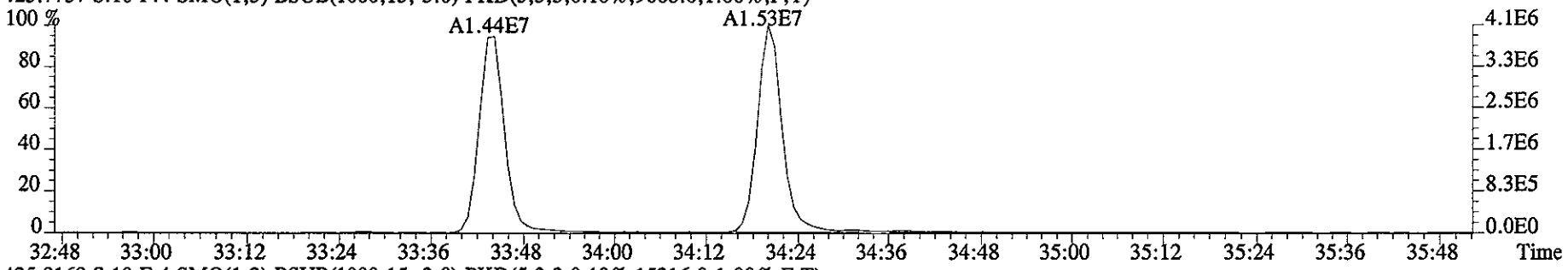
419.8220 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16100.0,1.00%,F,T)



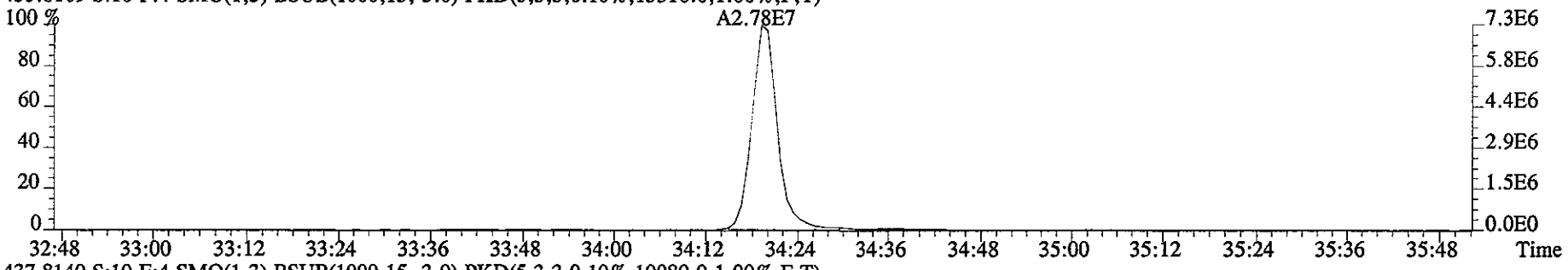
File:10JA061D5 #1-218 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
423.7766 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10028.0,1.00%,F,T)



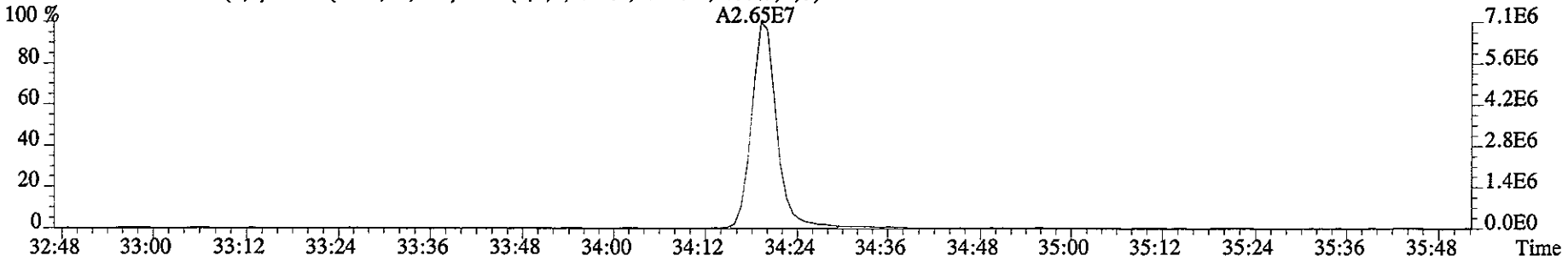
425.7737 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9668.0,1.00%,F,T)



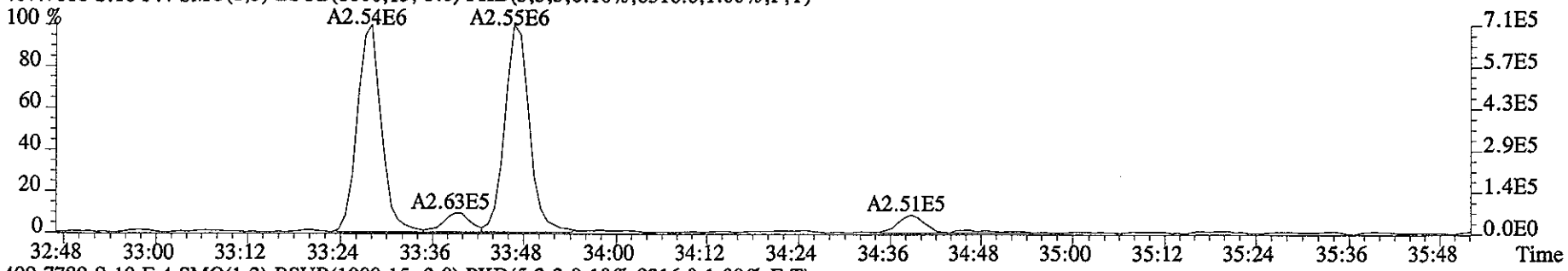
435.8169 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15316.0,1.00%,F,T)



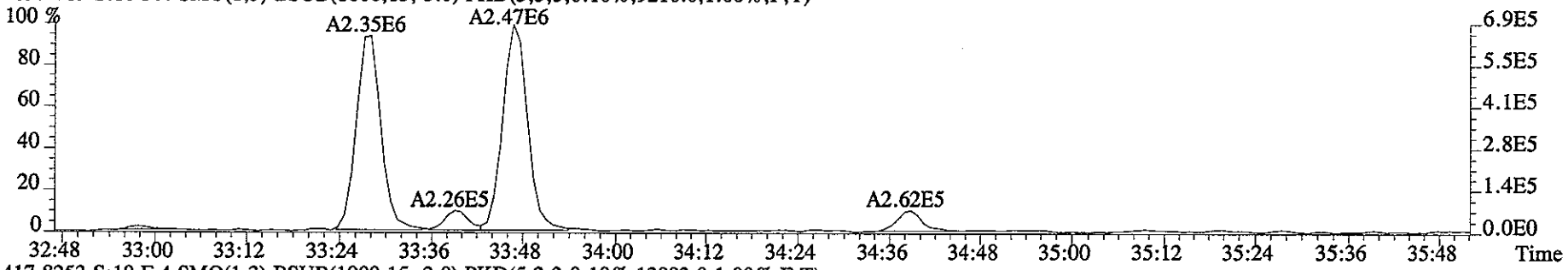
437.8140 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10080.0,1.00%,F,T)



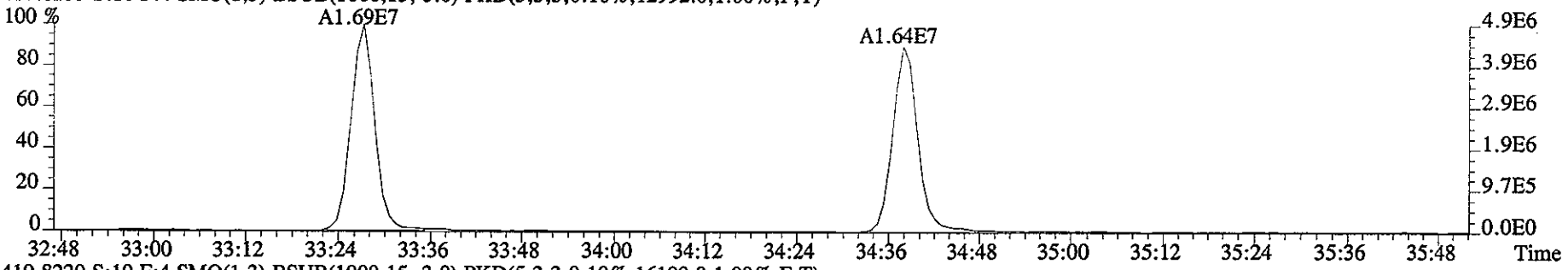
File:10JA061D5 #1-218 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
407.7818 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8516.0,1.00%,F,T)



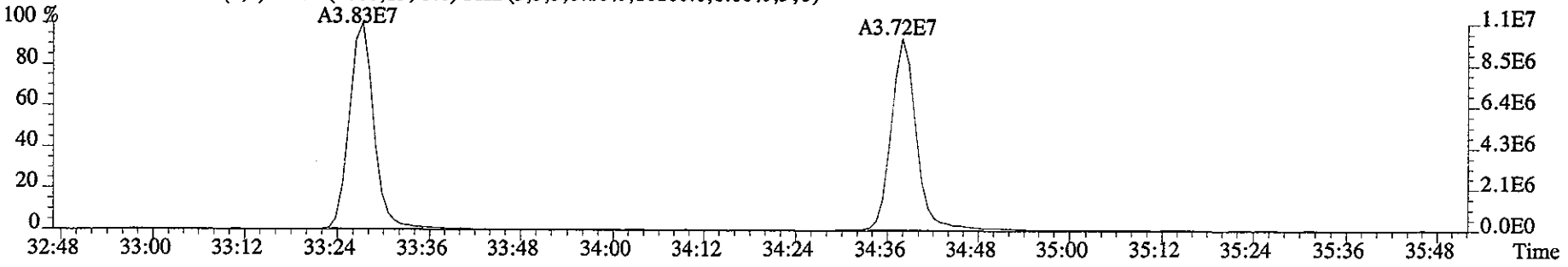
409.7789 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9216.0,1.00%,F,T)



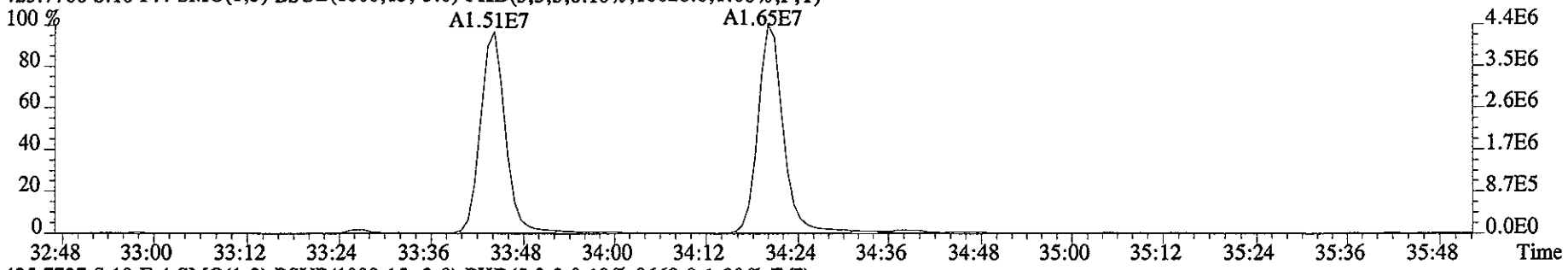
417.8253 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12992.0,1.00%,F,T)



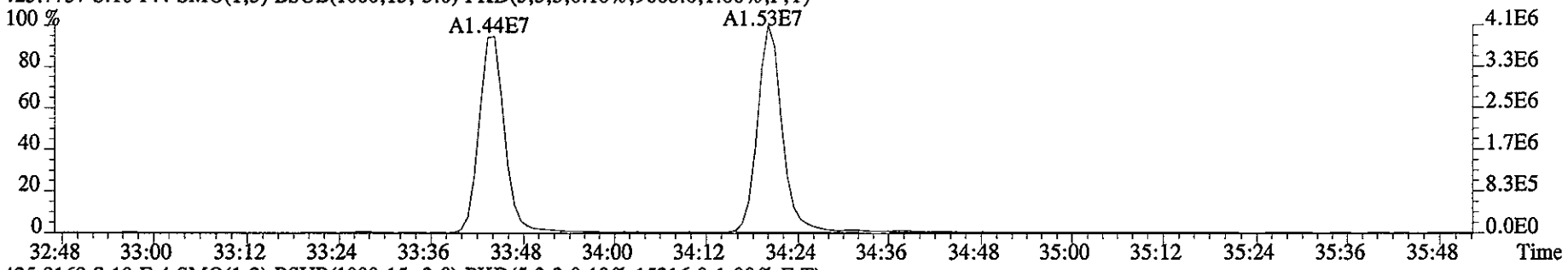
419.8220 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16100.0,1.00%,F,T)



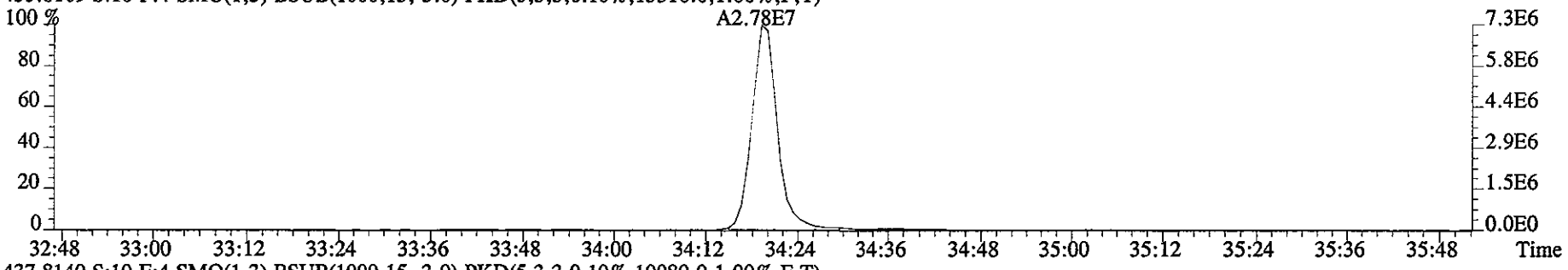
File:10JA061D5 #1-218 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
423.7766 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10028.0,1.00%,F,T)



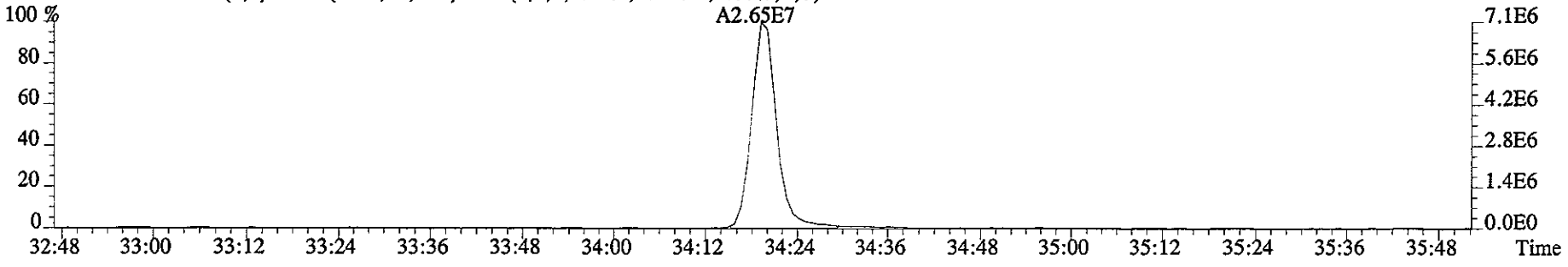
425.7737 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9668.0,1.00%,F,T)



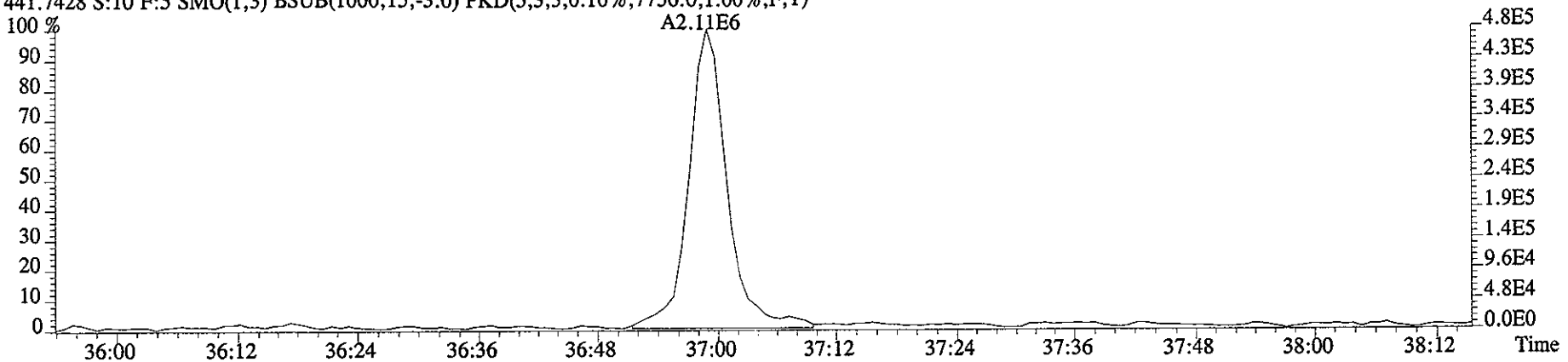
435.8169 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15316.0,1.00%,F,T)



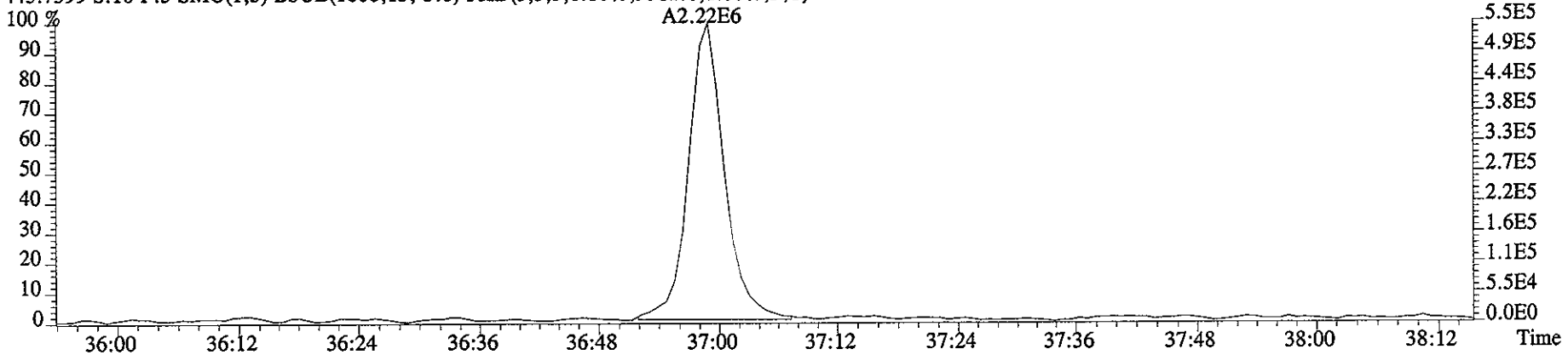
437.8140 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10080.0,1.00%,F,T)



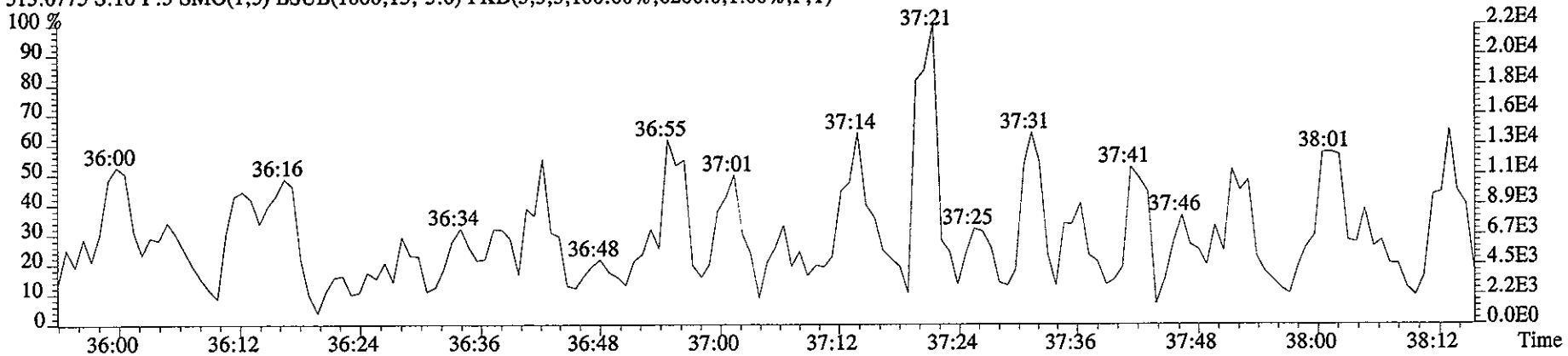
File:10JA061D5 #1-171 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
441.7428 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7756.0,1.00%,F,T)



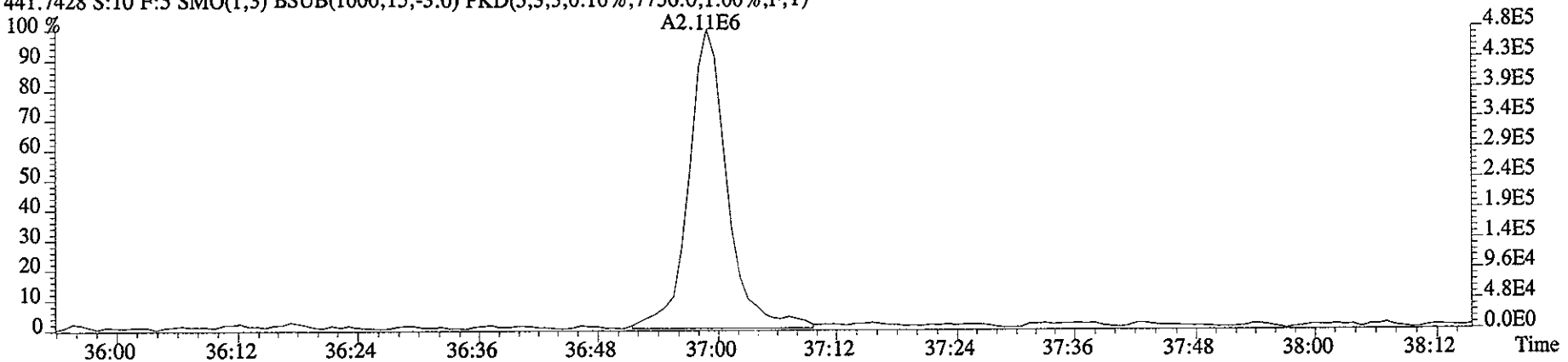
443.7399 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9312.0,1.00%,F,T)



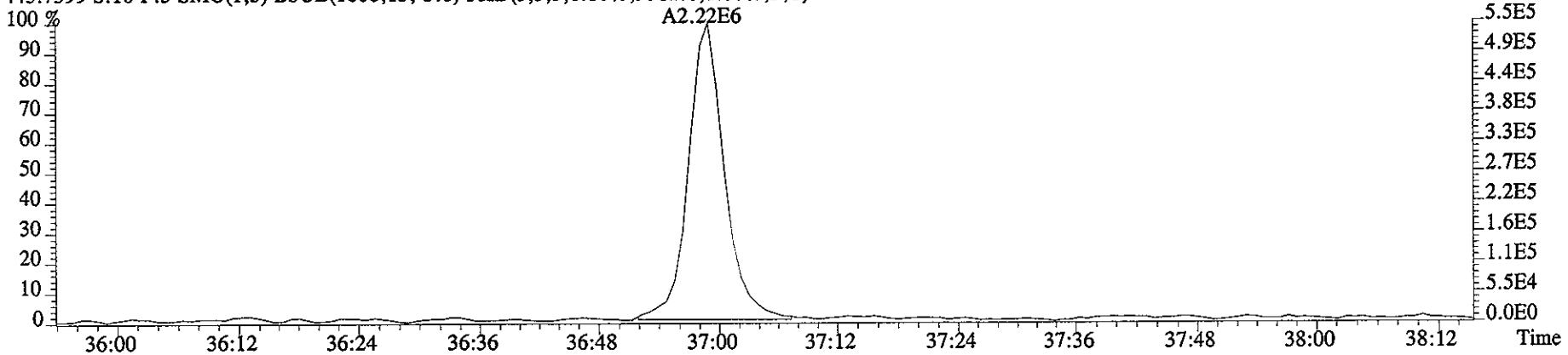
513.6775 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,6200.0,1.00%,F,T)



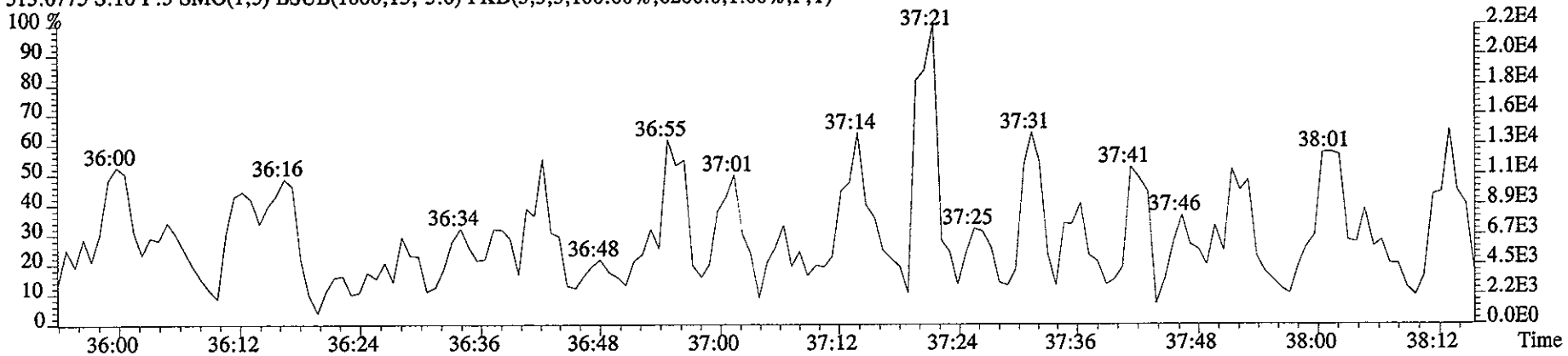
File:10JA061D5 #1-171 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
441.7428 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7756.0,1.00%,F,T)



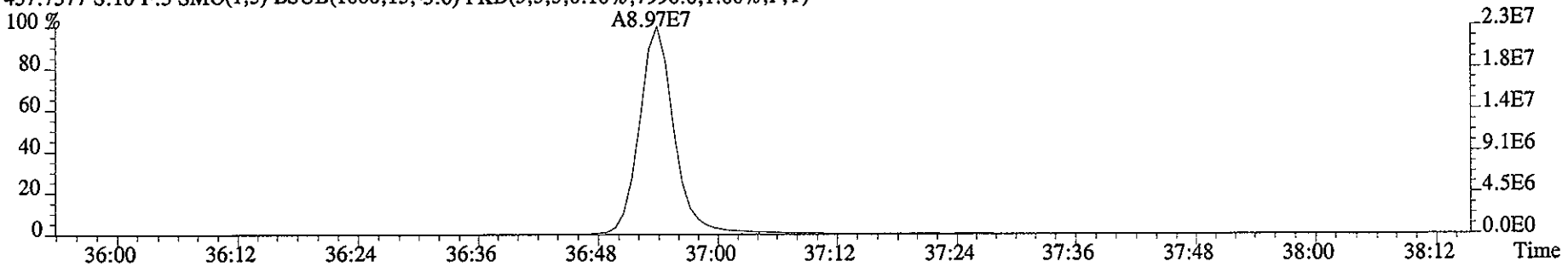
443.7399 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9312.0,1.00%,F,T)



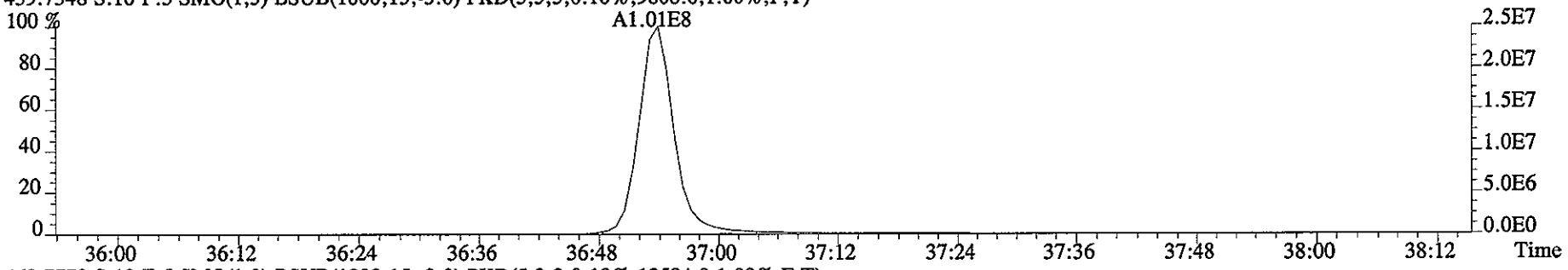
513.6775 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,6200.0,1.00%,F,T)



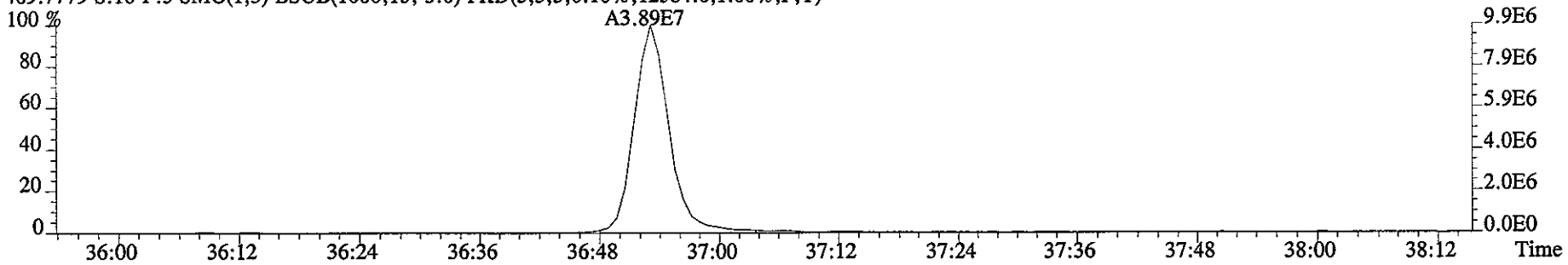
File:10JA061D5 #1-171 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
457.7377 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7996.0,1.00%,F,T)



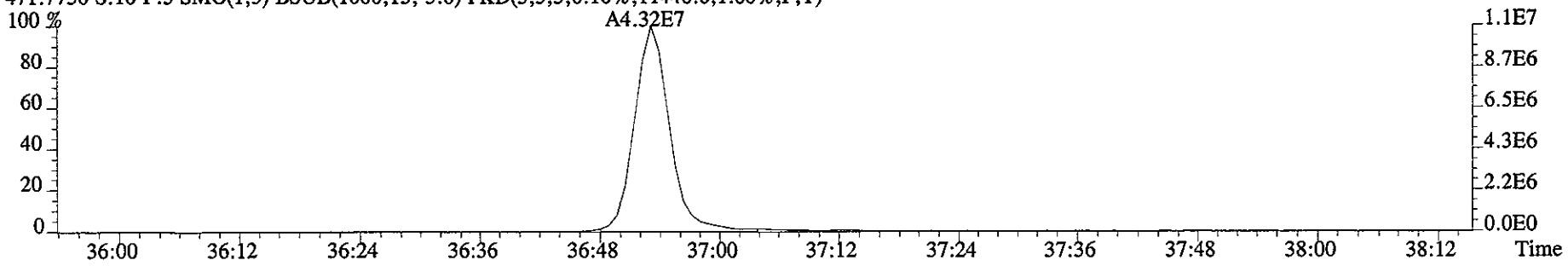
459.7348 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9808.0,1.00%,F,T)



469.7779 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12584.0,1.00%,F,T)

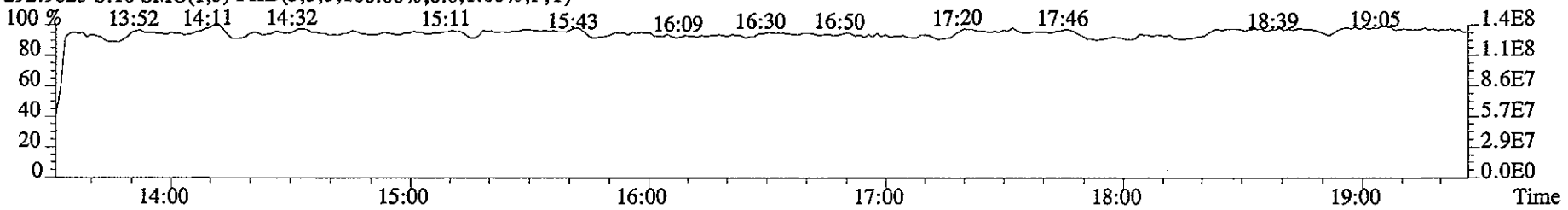


471.7750 S:10 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11440.0,1.00%,F,T)

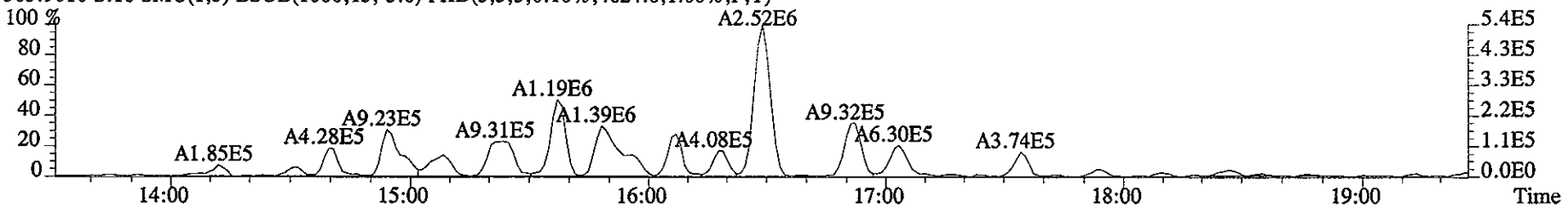


File:10JA061D5 #1-323 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN

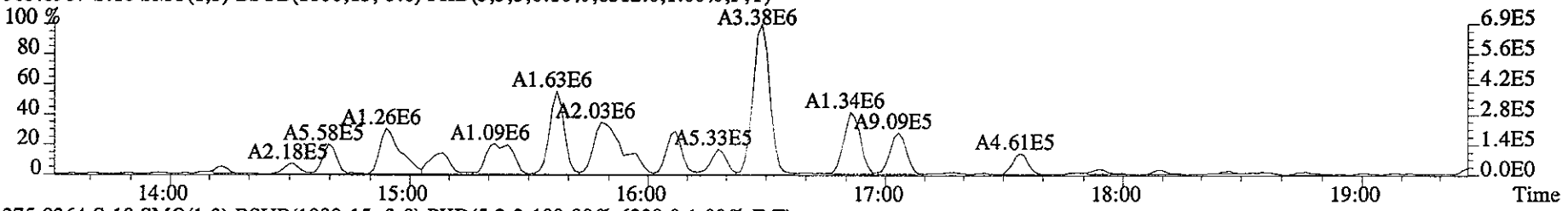
292.9825 S:10 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



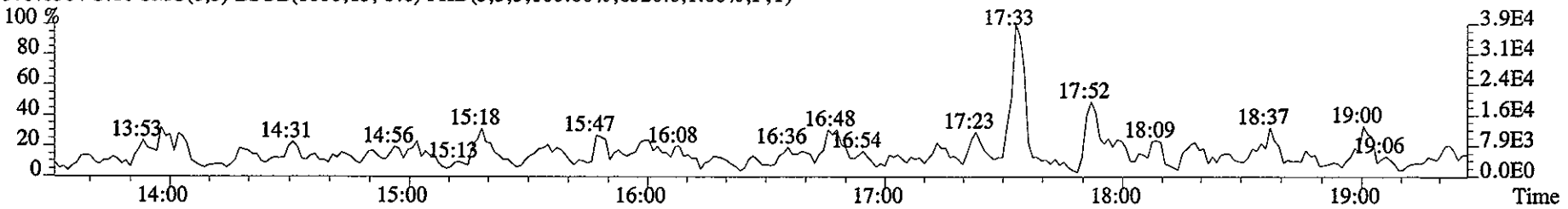
303.9016 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4624.0,1.00%,F,T)



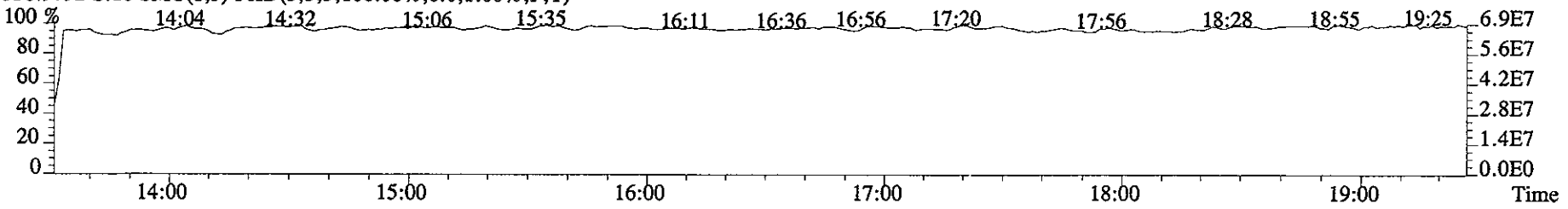
305.8987 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8312.0,1.00%,F,T)



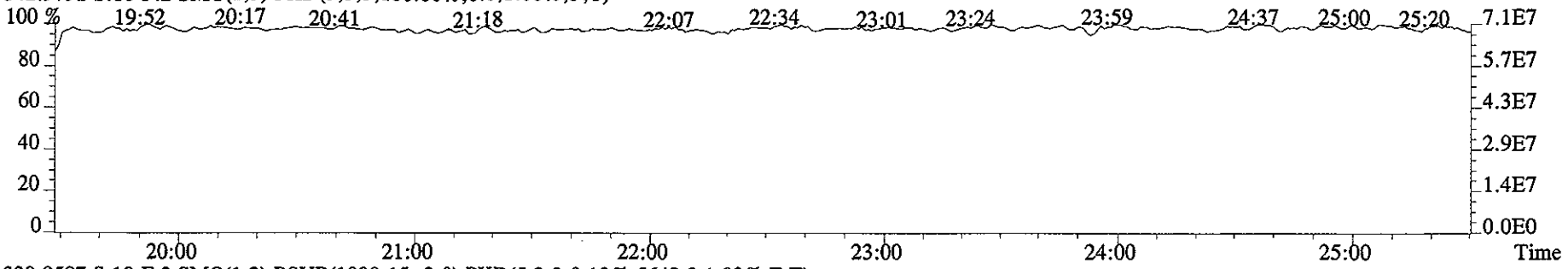
375.8364 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6320.0,1.00%,F,T)



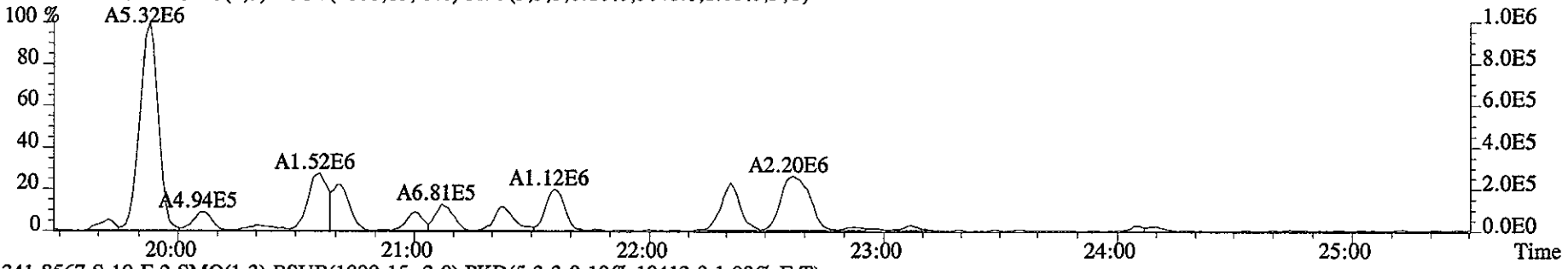
330.9792 S:10 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



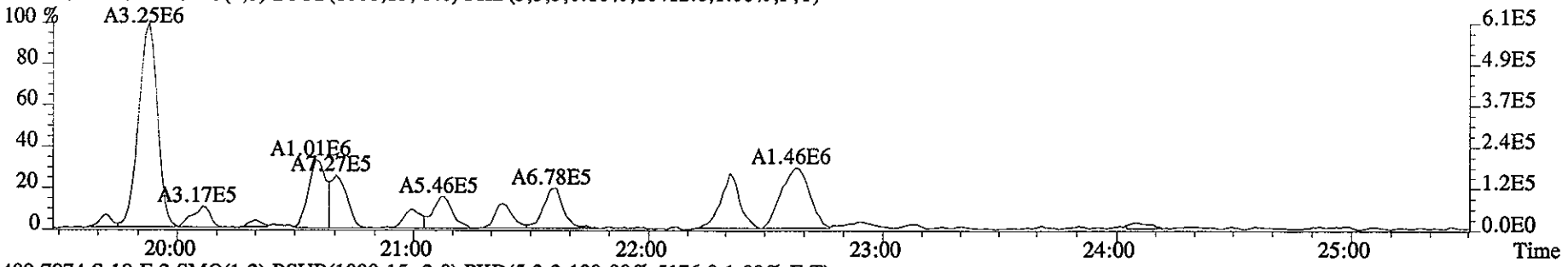
File:10JA061D5 #1-425 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
342.9792 S:10 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



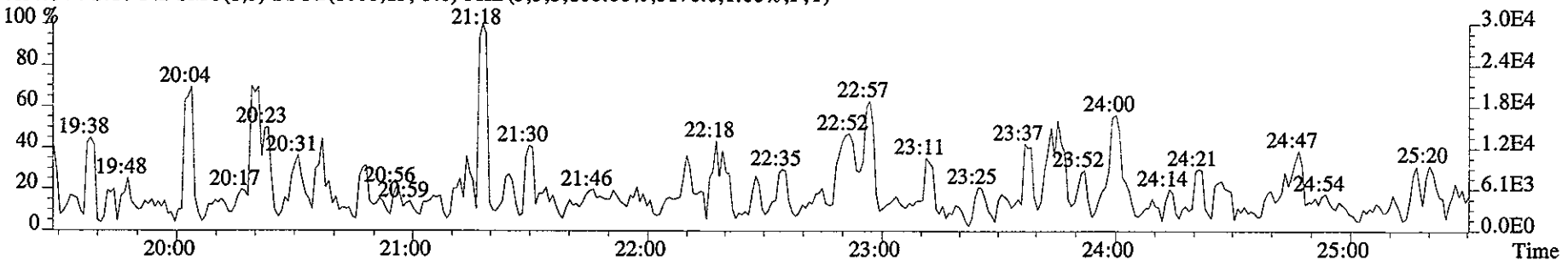
339.8597 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5648.0,1.00%,F,T)



341.8567 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10412.0,1.00%,F,T)

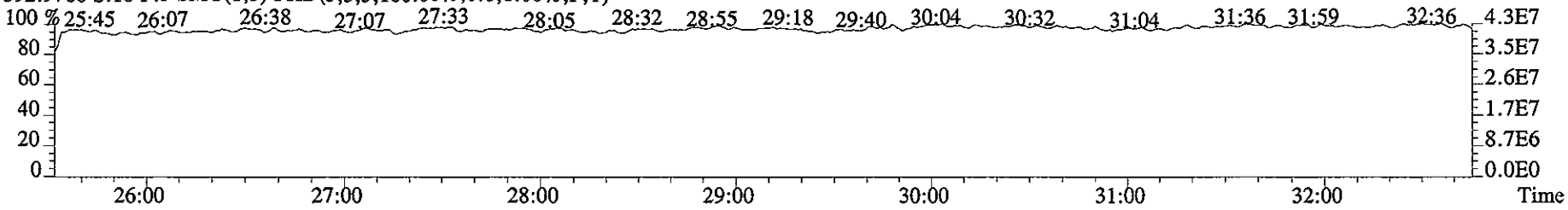


409.7974 S:10 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5176.0,1.00%,F,T)

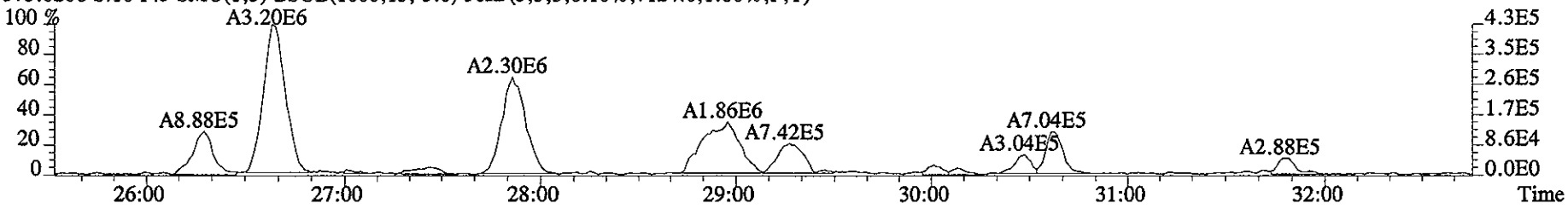


File:10JA061D5 #1-486 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN

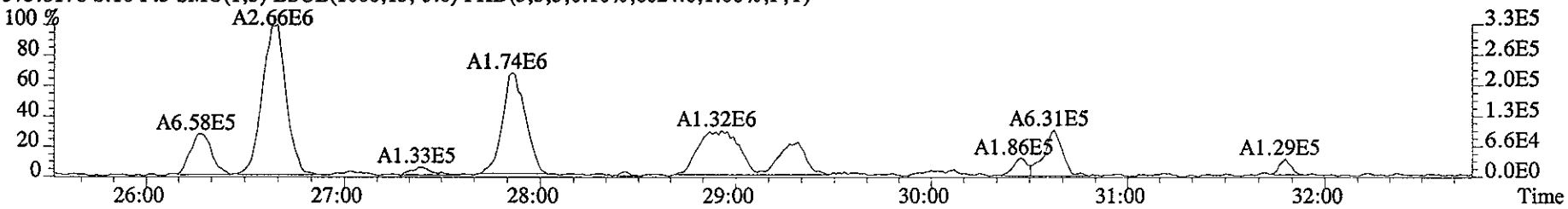
392.9760 S:10 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



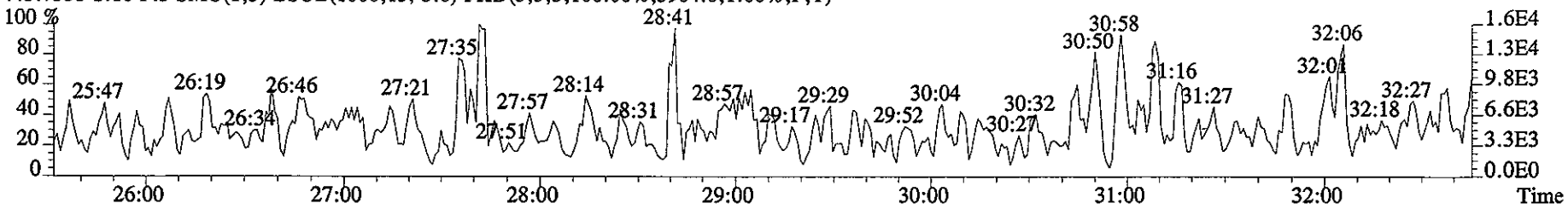
373.8208 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7124.0,1.00%,F,T)



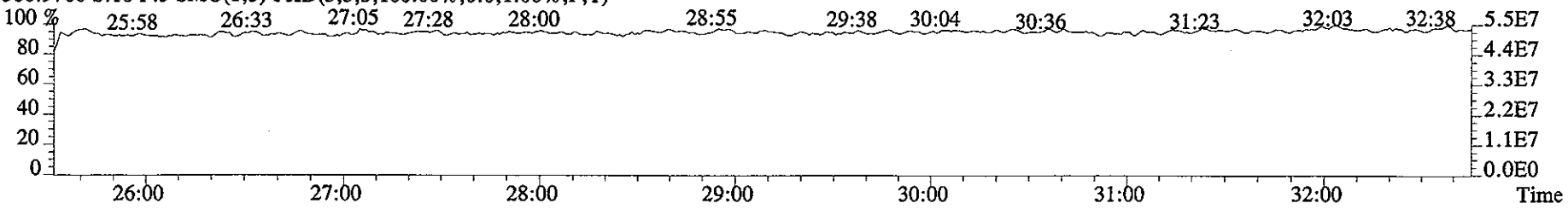
375.8178 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6024.0,1.00%,F,T)



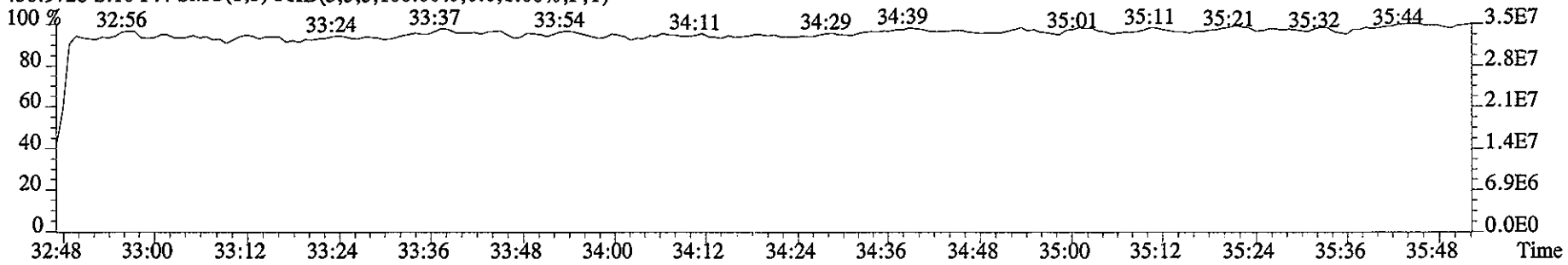
445.7555 S:10 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5904.0,1.00%,F,T)



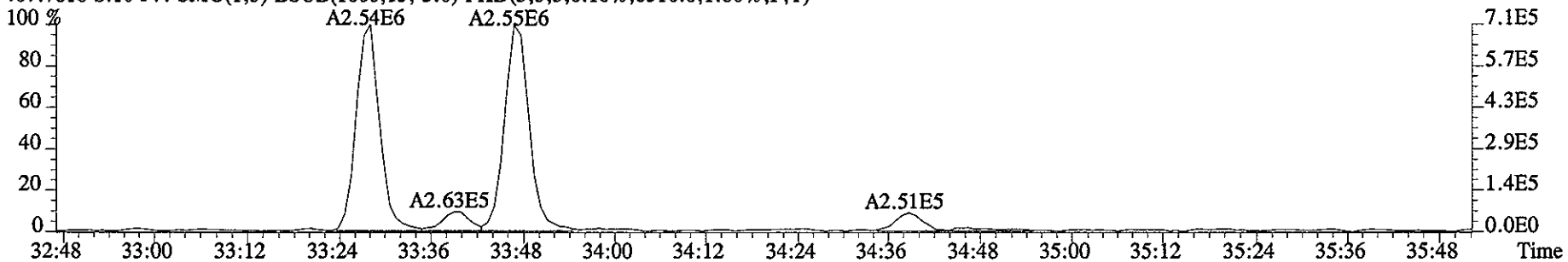
380.9760 S:10 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



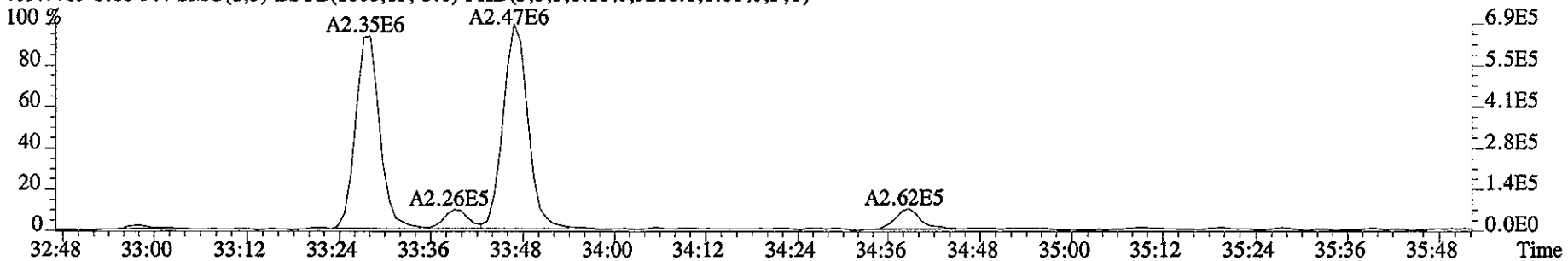
File:10JA061D5 #1-218 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
430.9728 S:10 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



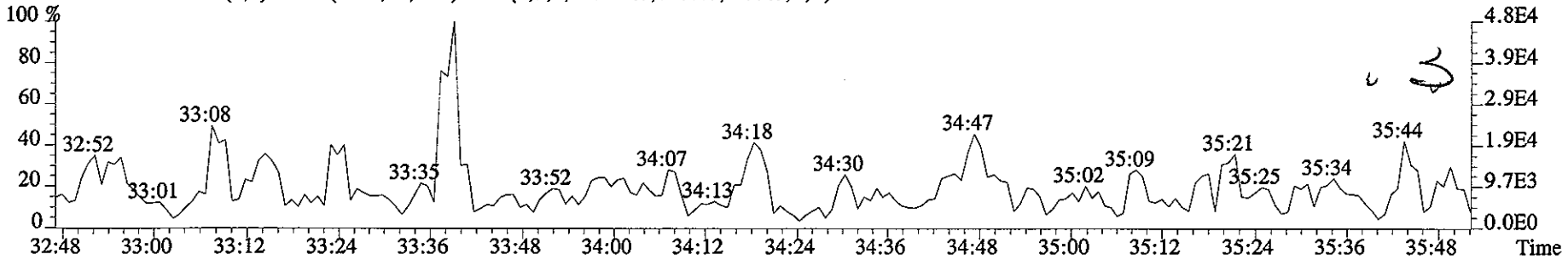
407.7818 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8516.0,1.00%,F,T)



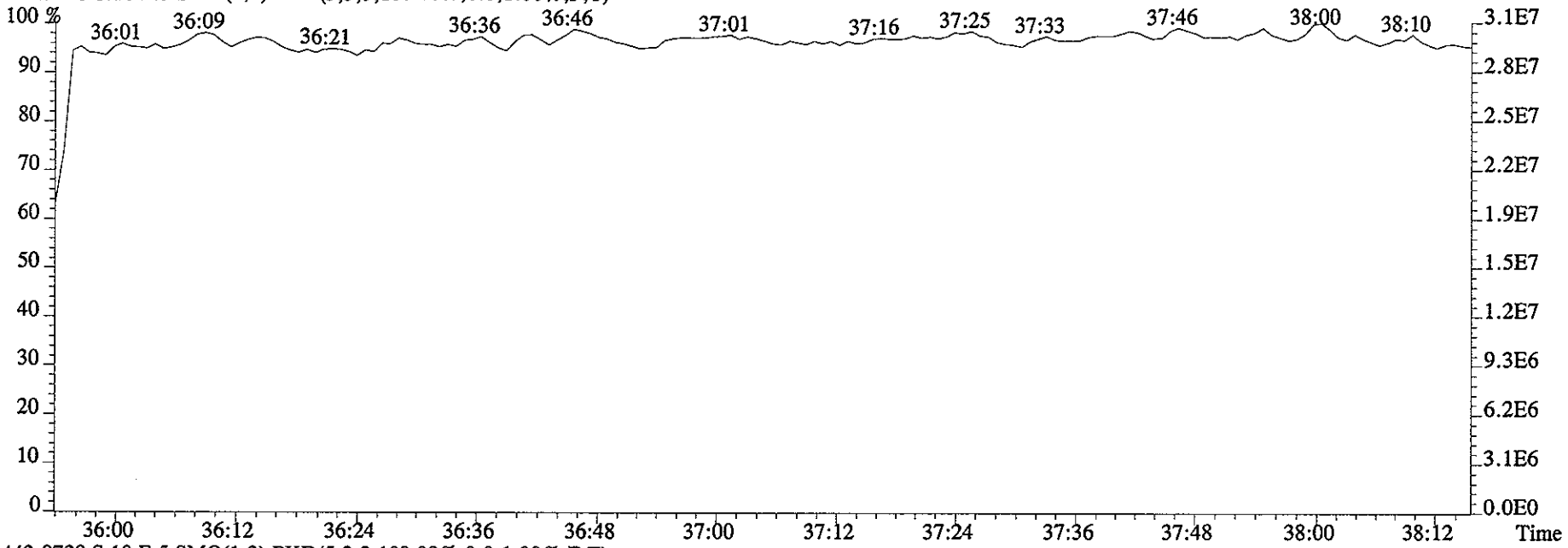
409.7789 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9216.0,1.00%,F,T)



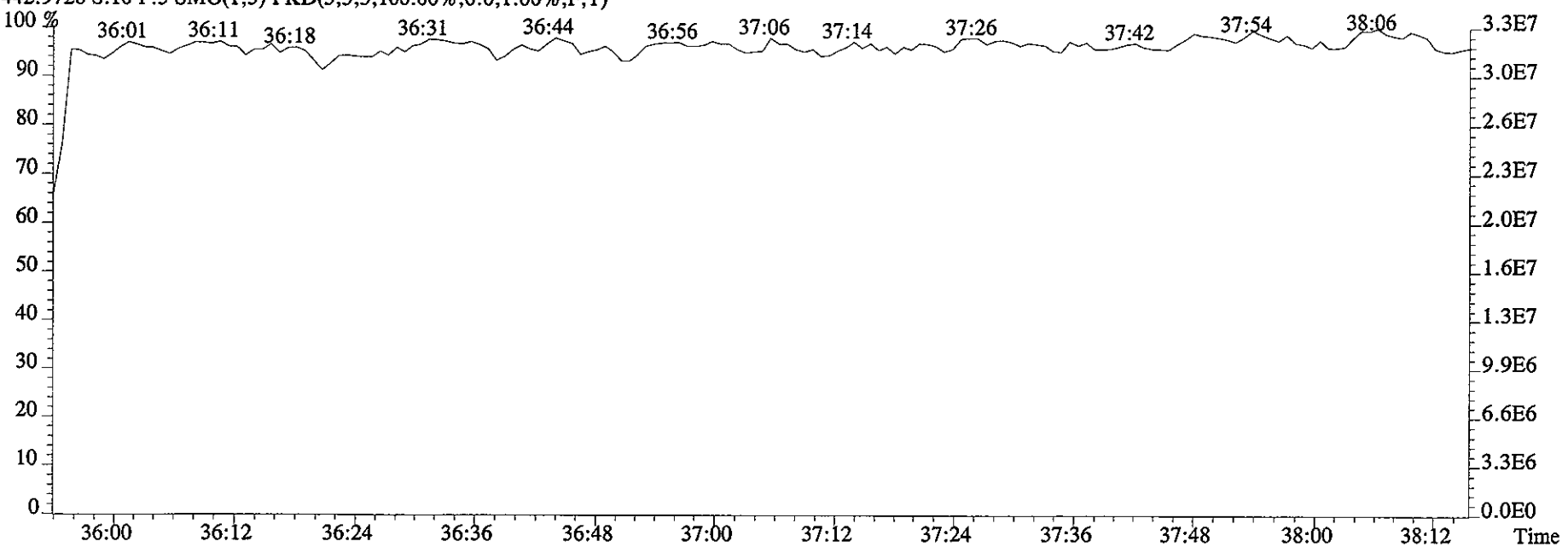
479.7165 S:10 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,8788.0,1.00%,F,T)



File:10JA061D5 #1-171 Acq:10-JAN-2006 15:50:12 GC EI+ Voltage SIR 70SE
Sample#10 Text:HT1W1-1-AC :G5L300272-14 Exp:DIOXIN
454.9728 S:10 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:10 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1W1-1-AC Sample text: HT1W1-1-AC :G5L300272-14
Run #16 Filename: 10JA067D2 S: 13 I: 1 Results: 10JA067D2DB225
Acquired: 10-JAN-06 17:02:09 Processed: 11-JAN-06 09:08:08
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000¶g

Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	84204300	0.79	y	11:40	-	4.31		-	-	n
13C-2,3,7,8-TCDF	110303000	0.81	y	12:36	1.50	175.23		0.19	87.6	n
2,3,7,8-TCDF	1631708	0.75	y	12:37	0.92	3.22	EMPC	0.09	-	n
13C-2,3,7,8-TCDD	55087300	0.81	y	11:29	0.81	162.01		0.26	81.0	n
2,3,7,8-TCDD	1157394	0.72	y	11:30	1.23	3.41		0.12	-	n
37Cl-2,3,7,8-TCDD	61260800	1.00	y	11:30	1.96	74.11		0.04	92.6	n

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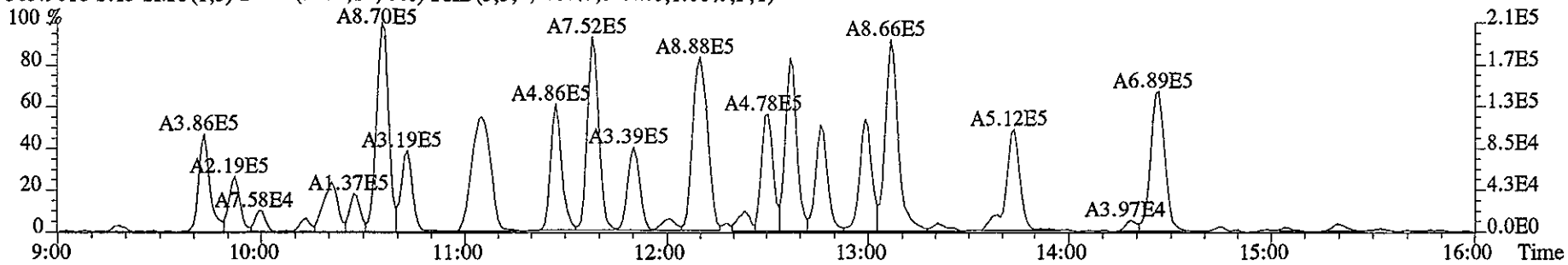
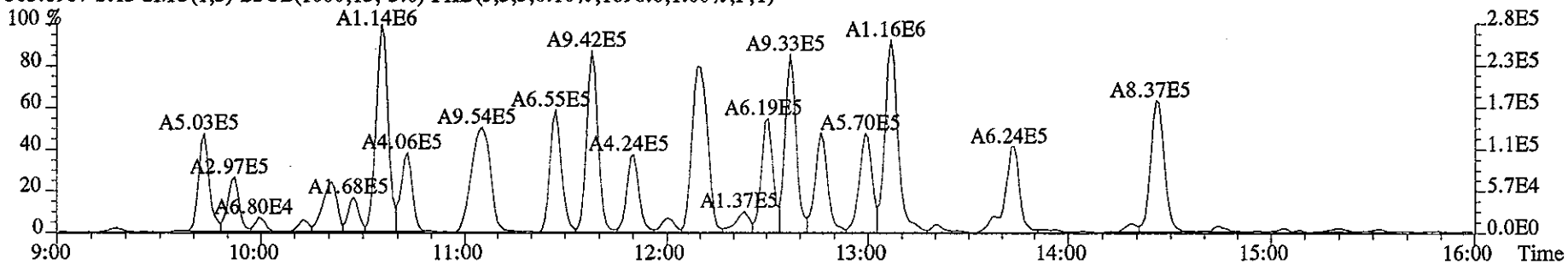
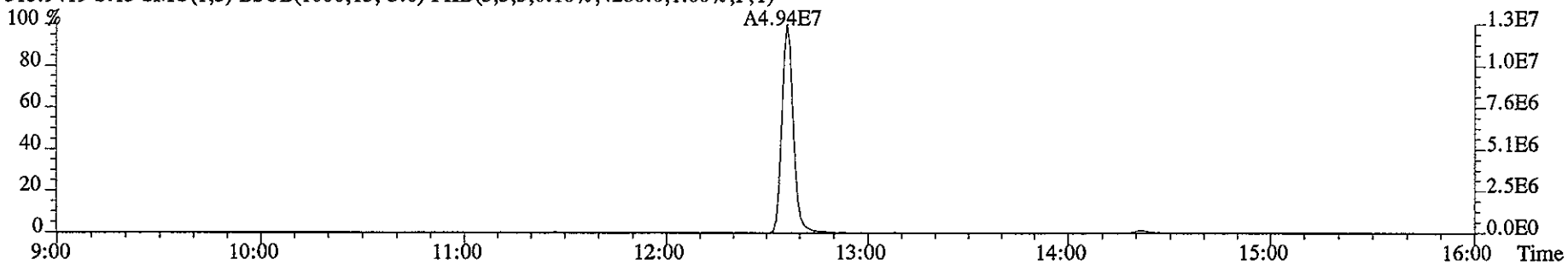
File:10JA067D2 #1-1169 Acq:10-JAN-2006 17:02:09 GC EI+ Voltage SIR 70S
Sample#13 Text:HT1W1-1-AC :G5L300272-14 Exp:DB225
303.9016 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1792.0,1.00%,F,T)



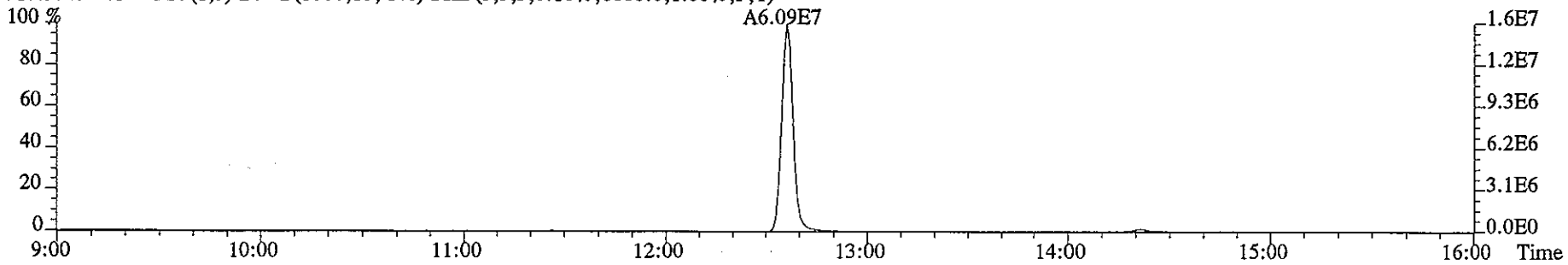
305.8987 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1896.0,1.00%,F,T)



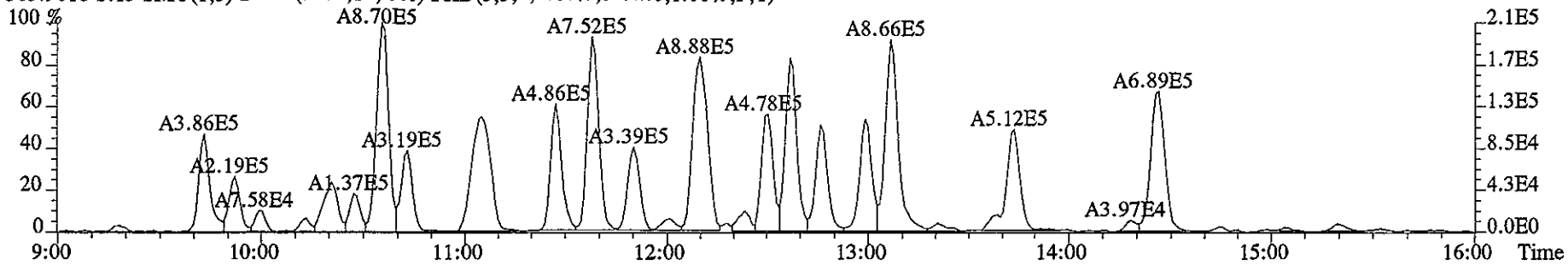
315.9419 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4280.0,1.00%,F,T)



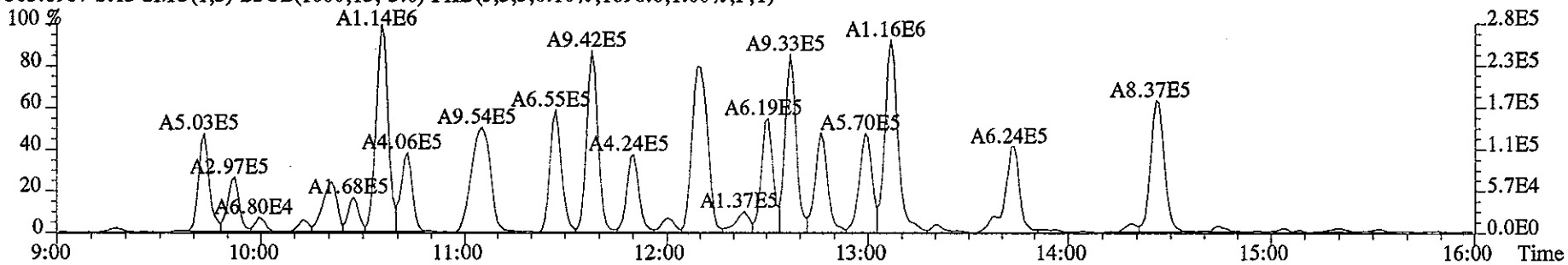
317.9389 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6660.0,1.00%,F,T)



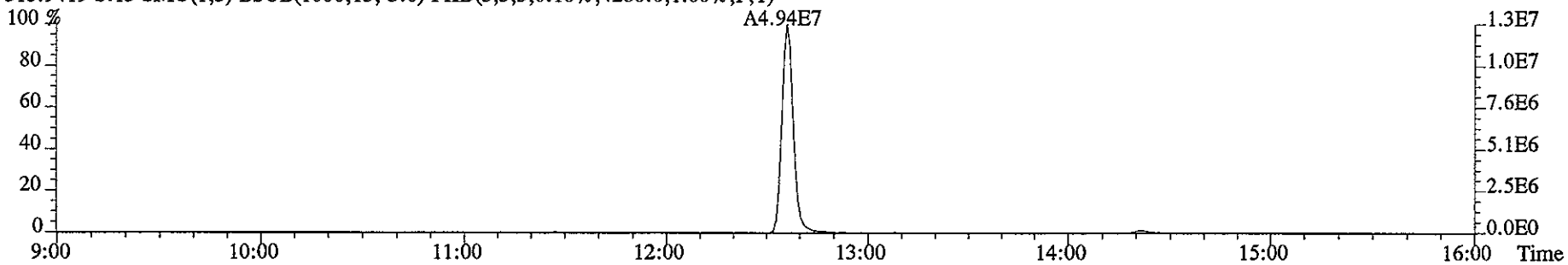
File:10JA067D2 #1-1169 Acq:10-JAN-2006 17:02:09 GC EI+ Voltage SIR 70S
Sample#13 Text:HT1W1-1-AC :G5L300272-14 Exp:DB225
303.9016 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1792.0,1.00%,F,T)



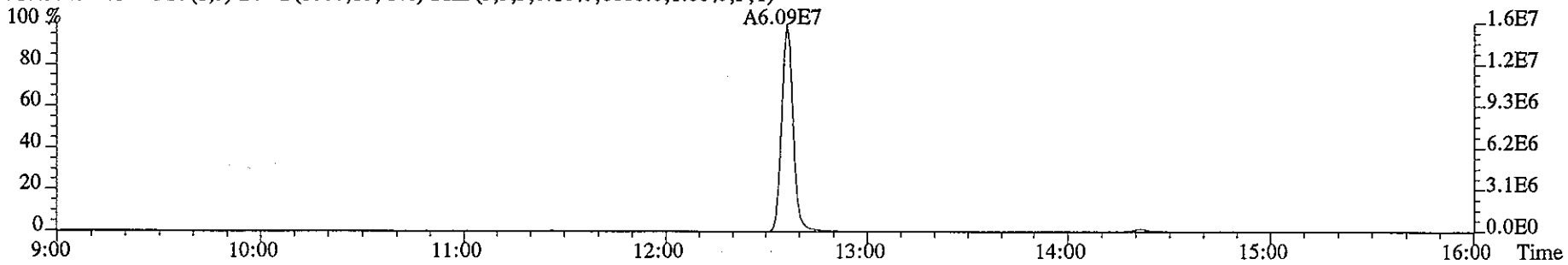
305.8987 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1896.0,1.00%,F,T)



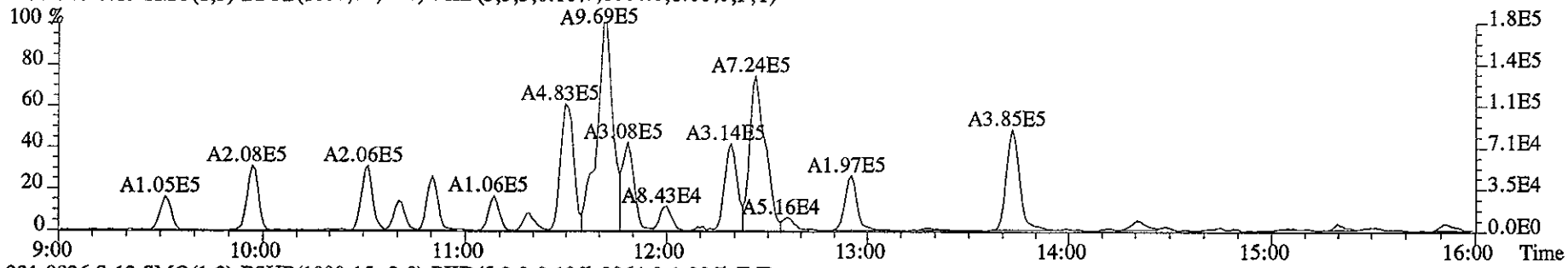
315.9419 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4280.0,1.00%,F,T)



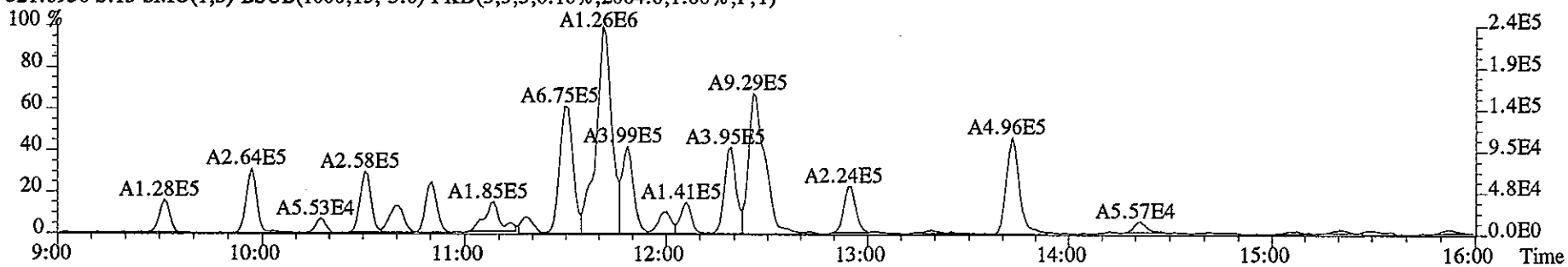
317.9389 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6660.0,1.00%,F,T)



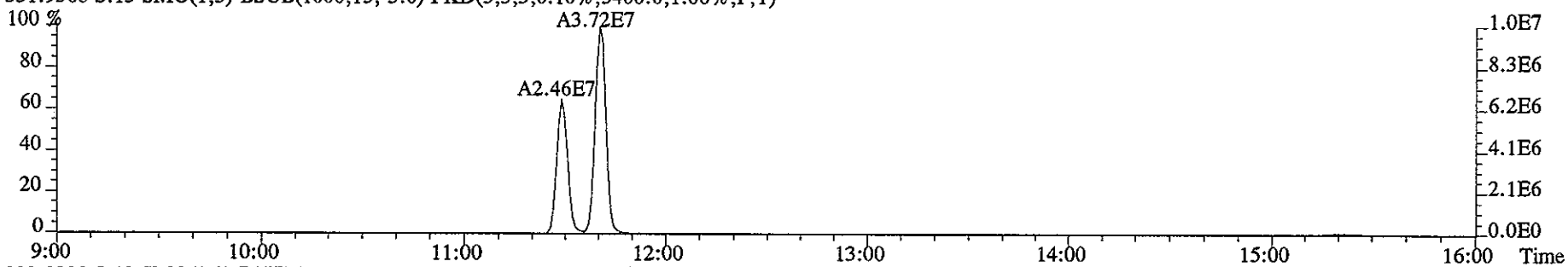
File:10JA067D2 #1-1169 Acq:10-JAN-2006 17:02:09 GC EI+ Voltage SIR 70S
Sample#13 Text:HT1W1-1-AC :G5L300272-14 Exp:DB225
319.8965 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1664.0,1.00%,F,T)



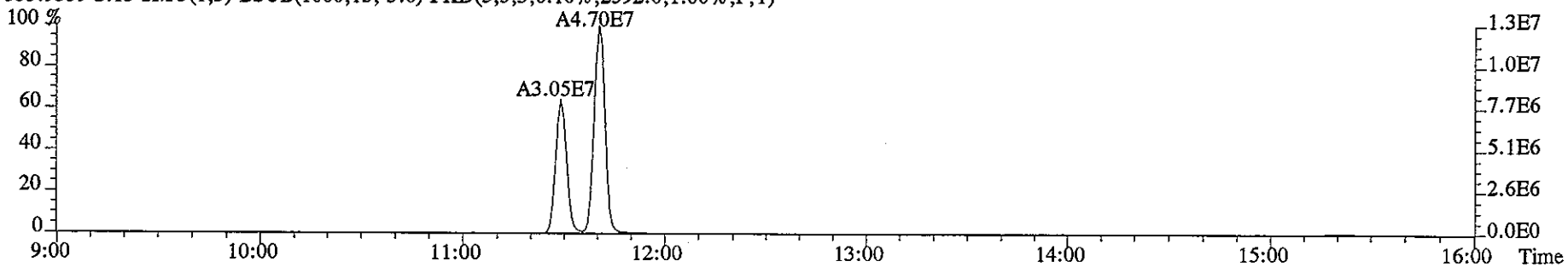
321.8936 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2064.0,1.00%,F,T)



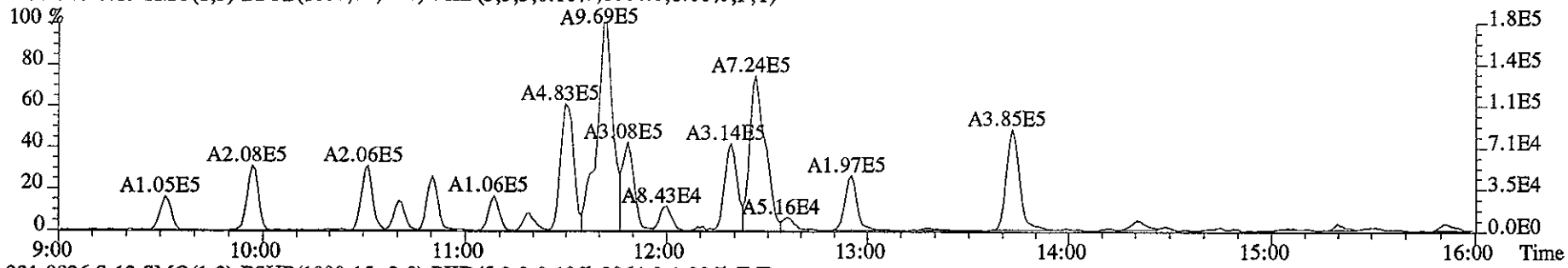
331.9368 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5400.0,1.00%,F,T)



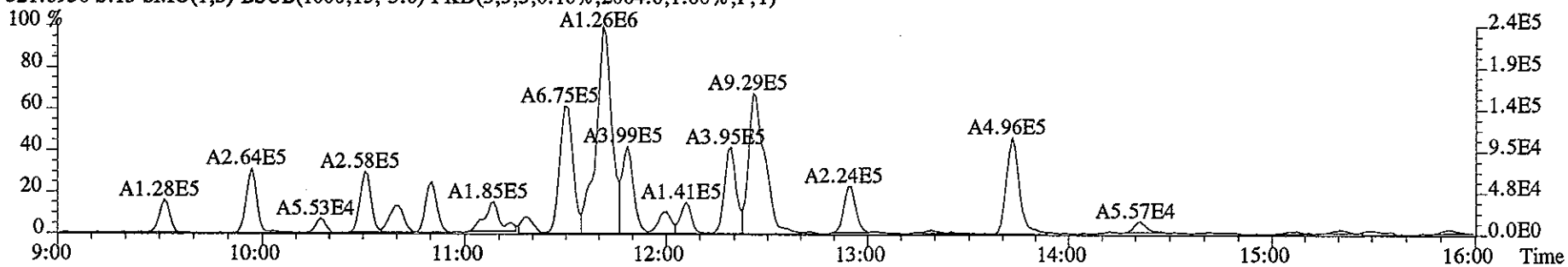
333.9339 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2592.0,1.00%,F,T)



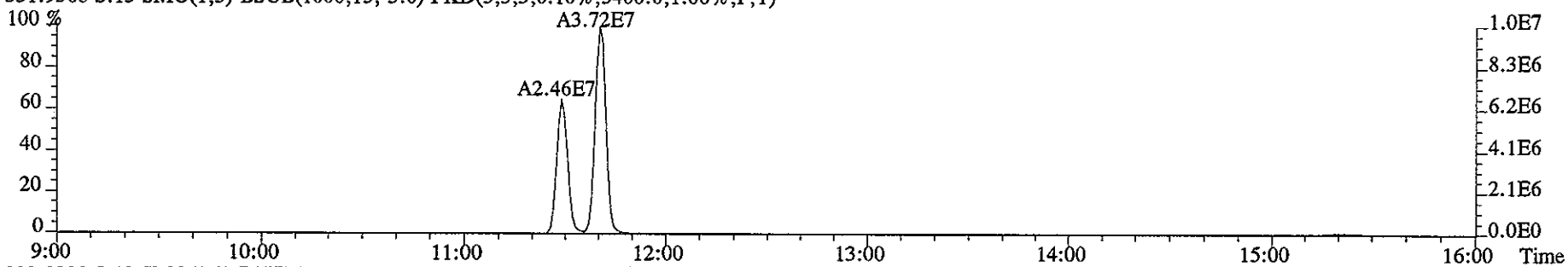
File:10JA067D2 #1-1169 Acq:10-JAN-2006 17:02:09 GC EI+ Voltage SIR 70S
Sample#13 Text:HT1W1-1-AC :G5L300272-14 Exp:DB225
319.8965 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1664.0,1.00%,F,T)



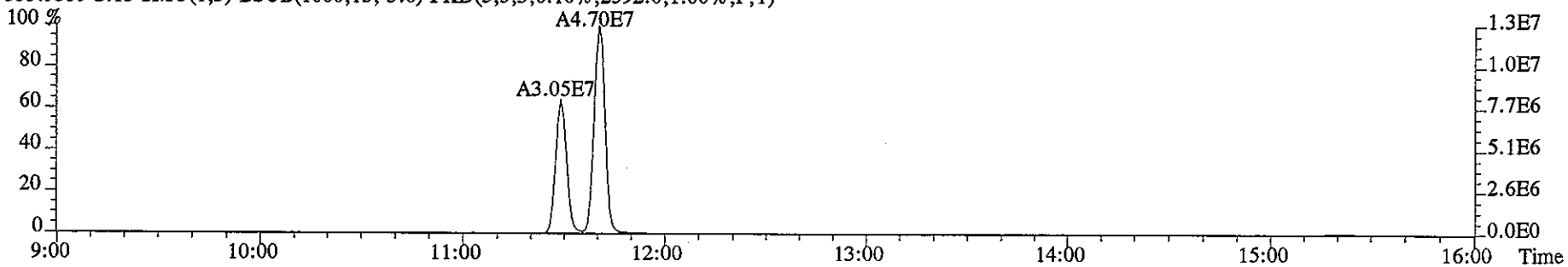
321.8936 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2064.0,1.00%,F,T)



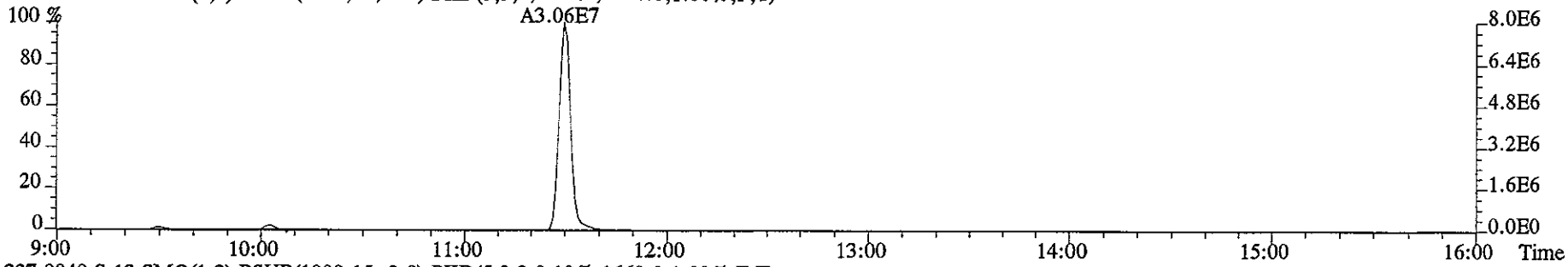
331.9368 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5400.0,1.00%,F,T)



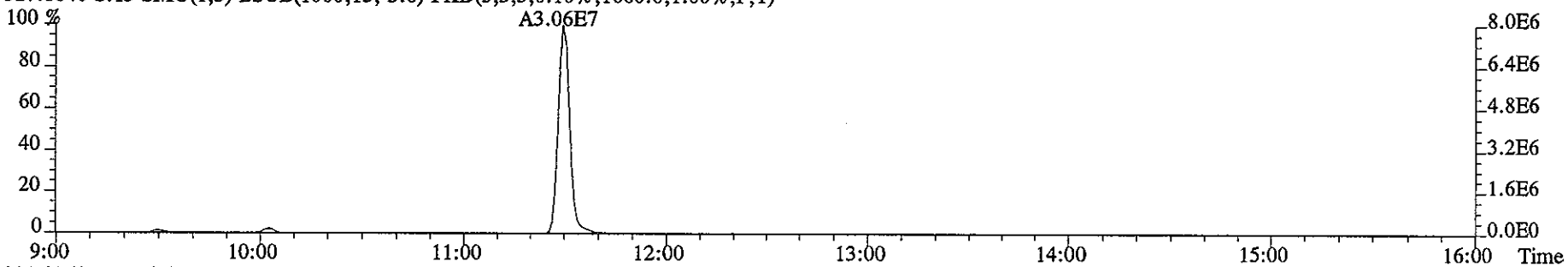
333.9339 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2592.0,1.00%,F,T)



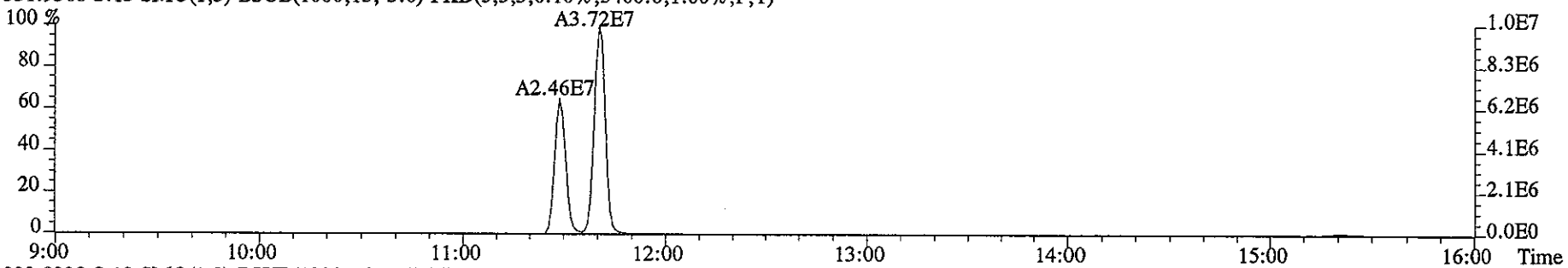
File:10JA067D2 #1-1169 Acq:10-JAN-2006 17:02:09 GC EI+ Voltage SIR 70S
Sample#13 Text:HT1W1-1-AC :G5L300272-14 Exp:DB225
327.8840 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1660.0,1.00%,F,T)



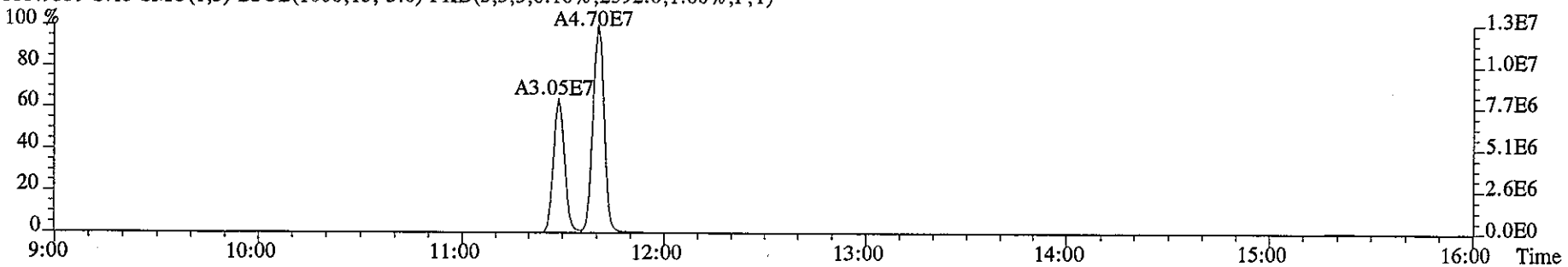
327.8840 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1660.0,1.00%,F,T)



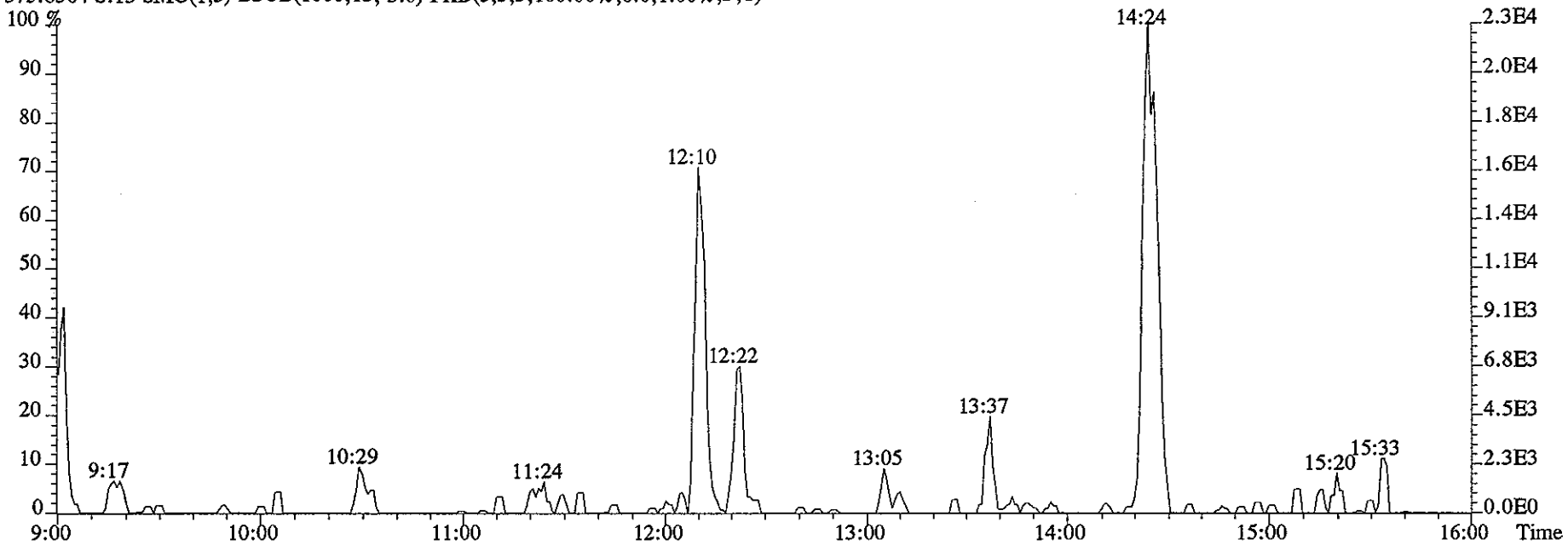
331.9368 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5400.0,1.00%,F,T)



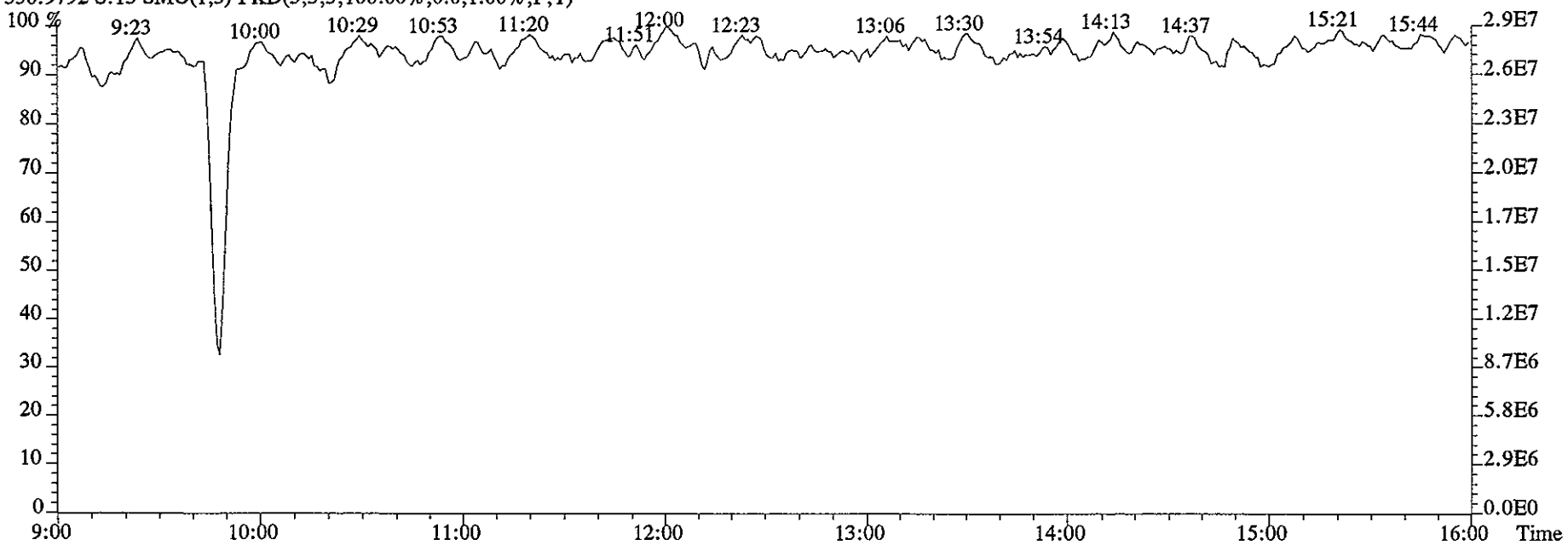
333.9339 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2592.0,1.00%,F,T)



File:10JA067D2 #1-1169 Acq:10-JAN-2006 17:02:09 GC EI+ Voltage SIR 70S
Sample#13 Text:HT1W1-1-AC :G5L300272-14 Exp:DB225
375.8364 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



330.9792 S:13 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15
Run #14 Filename: 10JA061D5 S: 11 I: 1 Results: 10ja061d58290w
Acquired: 10-JAN-06 16:31:52 Processed: 11-JAN-06 08:09:23
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.00 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	76676000	0.83	y	16:57	-	7.33	-	-	n
13C-2,3,7,8-TCDF	95688400	0.79	y	16:29	1.68	148.32	0.49	74.2	n
2,3,7,8-TCDF	6643260	0.74	y	16:31	1.16	11.94 See DB223	0.35	-	n
Total TCDF	23109281	1.26	n	14:33	1.16	~~41.54~~ 40.71	0.35	-	n
13C-2,3,7,8-TCDD	54278800	0.82	y	17:09	0.90	157.99	0.97	79.0	n
2,3,7,8-TCDD	320515	0.74	y	17:10	1.32	0.89 J	0.46	-	y
Total TCDD	15114152	0.88	y	15:22	1.32	42.11 ✓ JW 01/20/06	0.46	-	y
37Cl-2,3,7,8-TCDD	55620200	1.00	y	17:10	2.44	59.35	0.26	74.2	n
13C-1,2,3,7,8-PeCDF	85755000	1.63	y	21:07	1.54	144.79	0.59	72.4	n
1,2,3,7,8-PeCDF	925637	2.23	n	21:08	1.00	2.15	0.54	-	n
2,3,4,7,8-PeCDF	2271341	1.54	y	22:22	1.05	5.05	0.52	-	n
Total F2 PeCDF	18214716	1.48	y	19:53	1.03	~~41.32~~	0.53	-	y
Total F1 PeCDF	1507401	0.65	n	14:47	1.03	~~3.42~~ 42.12	0.42	-	n
13C-1,2,3,7,8-PeCDD	56421000	1.60	y	23:00	0.91	161.02	0.54	80.5	n
1,2,3,7,8-PeCDD	1723080	1.67	y	23:01	1.04	5.85	0.87	-	n
Total PeCDD	22049684	1.07	n	20:04	1.04	74.91 ✓	0.87	-	n
13C-1,2,3,7,8,9-HxCDD	63651100	1.26	y	31:27	-	6.61	-	-	n
13C-1,2,3,4,7,8-HxCDF	61188600	0.51	y	28:56	1.38	139.01	1.17	69.5	n
1,2,3,4,7,8-HxCDF	1402142	1.16	y	28:57	1.11	4.13 J	1.02	-	y
1,2,3,6,7,8-HxCDF	1136520	1.06	y	29:16	1.14	3.26 J	1.00	-	y
2,3,4,6,7,8-HxCDF	1226143	1.34	y	30:38	1.06	3.77 J	1.07	-	n
1,2,3,7,8,9-HxCDF	143731	1.29	y	31:45	1.02	~~0.46~~	1.12	-	y
Total HxCDF	16044209	1.18	y	26:16	1.08	48.23 47.77	1.05	-	y
13C-1,2,3,6,7,8-HxCDD	51389600	1.35	y	31:01	0.96	168.61	0.93	84.3	n
1,2,3,4,7,8-HxCDD	1446685	1.32	y	30:53	0.95	5.90	0.98	-	n
1,2,3,6,7,8-HxCDD	2708230	1.21	y	31:03	1.00	10.52	0.94	-	n
1,2,3,7,8,9-HxCDD	1952360	1.25	y	31:28	1.04	7.28	0.90	-	y
Total HxCDD	33486935	1.17	y	27:44	1.00	130.29 ✓	0.94	-	y
13C-1,2,3,4,6,7,8-HpCDF	48949900	0.46	y	33:27	1.13	136.17	1.16	68.1	n
1,2,3,4,6,7,8-HpCDF	4835630	0.99	y	33:28	1.31	15.07	0.52	-	n
1,2,3,4,7,8,9-HpCDF	574795	0.97	y	34:38	1.19	1.97 DC	0.58	-	n
Total HpCDF	11047594	0.99	y	33:28	1.25	~~35.46~~ 32.29	0.55	-	n
13C-1,2,3,4,6,7,8-HpCDD	47526600	1.05	y	34:19	1.00	149.63	1.00	74.8	n
1,2,3,4,6,7,8-HpCDD	38745600	1.02	y	34:20	0.95	171.91	1.12	-	n
Total HpCDD	71887651	1.07	y	33:44	0.95	~~318.96~~ 317.17	1.12	-	n
13C-OCDD	68919400	0.92	y	36:53	~~0.81~~ 0.64	267.56	1.81	~~66.9~~ 84.7	n

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OCDF	4418620	0.95	y	36:59	1.32	19.45	0.90	-	n
OCDD	175605900	0.89	y	36:54	1.00	1014.25	1.18	-	n

Run text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15
Run #14 Filename: 10JA061D5 S: 11 I: 1 Results: 10JA061D58290
Acquired: 10-JAN-06 16:31:52 Processed: 11-JAN-06 08:09:23
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000 g

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	76676000	0.83	y	16:57	-	7.33	-	-	n
13C-2,3,7,8-TCDF	95688400	0.79	y	16:29	1.68	148.32	0.49	74.2	n
2,3,7,8-TCDF	6643260	0.74	y	16:31	1.16	11.94 See 08225	0.35	-	n
Total TCDF	23109281	1.26	n	14:33	1.16	~~41.54~~ 40.71	0.35	-	n
13C-2,3,7,8-TCDD	54278800	0.82	y	17:09	0.90	157.99	0.97	79.0	n
2,3,7,8-TCDD	*	*	n	NotFnd	1.32	*	0.46	-	n
Total TCDD	15905918	1.37	n	15:06	1.32	44.32	0.46	-	n
37Cl-2,3,7,8-TCDD	55620200	1.00	y	17:10	2.44	59.35	0.26	74.2	n
13C-1,2,3,7,8-PeCDF	85755000	1.63	y	21:07	1.54	144.79	0.59	72.4	n
1,2,3,7,8-PeCDF	925637	2.23	n	21:08	1.00	2.15 DC	0.54	-	n
2,3,4,7,8-PeCDF	2271341	1.54	y	22:22	1.05	5.05	0.52	-	n
Total F2 PeCDF	19436447	2.23	n	19:42	1.03	~~44.10~~	0.53	-	n
Total F1 PeCDF	1507401	0.65	n	14:47	1.03	~~3.42~~ 42.12	0.42	-	n
13C-1,2,3,7,8-PeCDD	56421000	1.60	y	23:00	0.91	161.02	0.54	80.5	n
1,2,3,7,8-PeCDD	1723080	1.67	y	23:01	1.04	5.85	0.87	-	n
Total PeCDD	22049684	1.07	n	20:04	1.04	74.91	0.87	-	n
13C-1,2,3,7,8,9-HxCDD	63651100	1.26	y	31:27	-	6.61	-	-	n
13C-1,2,3,4,7,8-HxCDF	61188600	0.51	y	28:56	1.38	139.01	1.17	69.5	n
1,2,3,4,7,8-HxCDF	2761570	1.30	y	28:57	1.11	~~8.13~~ 4.13	1.02	-	n
1,2,3,6,7,8-HxCDF	1141617	1.23	y	29:16	1.14	3.27	1.00	-	n
2,3,4,6,7,8-HxCDF	1226137	1.34	y	30:38	1.06	3.77	1.07	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.02	~~*~~ 0.46	1.12	-	n
Total HxCDF	16867040	1.18	y	26:16	1.08	~~50.58~~ 47.77	1.05	-	n
13C-1,2,3,6,7,8-HxCDD	51389600	1.35	y	31:01	0.96	168.61	0.93	84.3	n
1,2,3,4,7,8-HxCDD	1446683	1.32	y	30:53	0.95	5.90	0.98	-	n
1,2,3,6,7,8-HxCDD	2708220	1.21	y	31:03	1.00	10.52	0.94	-	n
1,2,3,7,8,9-HxCDD	8830330	1.26	y	31:25	1.04	32.92 7.28	0.90	-	n
Total HxCDD	33657813	1.17	y	27:44	1.00	~~129.83~~ 130.29	0.94	-	n
13C-1,2,3,4,6,7,8-HpCDF	48949900	0.46	y	33:27	1.13	136.17	1.16	68.1	n
1,2,3,4,6,7,8-HpCDF	4835630	0.99	y	33:28	1.31	15.07	0.52	-	n
1,2,3,4,7,8,9-HpCDF	574795	0.97	y	34:38	1.19	1.97	0.58	-	n
Total HpCDF	11047594	0.99	y	33:28	1.25	~~35.46~~ 32.29	0.55	-	n
13C-1,2,3,4,6,7,8-HpCDD	47526600	1.05	y	34:19	1.00	149.63	1.00	74.8	n
1,2,3,4,6,7,8-HpCDD	38745600	1.02	y	34:20	0.95	171.91	1.12	-	n
Total HpCDD	71887651	1.07	y	33:44	0.95	~~318.96~~ 317.17	1.12	-	n
13C-OCDD	68919400	0.92	y	36:53	~~0.81~~ 0.64	267.56	1.81	84.7 ~~66.9~~	n
OCDF	4418620	0.95	y	36:59	1.32	19.45	0.90	-	n
OCDD	175605900	0.89	y	36:54	1.00	1014.25	1.18	-	n

Run Text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:14
Run: 14 File: 10JA061D5 S:11 Acq:10-JAN-06 16:31:52
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D5

Amount:	415.39 of which	119.41 named and	295.97 unnamed
Conc:	41.54 of which	11.94 named and	29.60 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:33	1.26	n	0.12	47772	1.4	n	n
						38034	1.5	n	n
	2	14:43	0.80	y	0.74	184187	5.1	y	n
						229602	8.7	y	n
	3	14:57	0.83	y	3.28	826067	21.4	y	n
						997281	32.0	y	n
	4	15:10	0.52	n	0.75 J	181146	4.3	y	n
						347433	7.6	y	n
	5	15:25	0.78	y	2.55	620740	9.9	y	n
						796265	17.4	y	n
	6	15:39	0.82	y	4.69	1175930	32.5	y	n
						1432110	49.4	y	n
	7	15:50	0.78	y	5.31	1294610	19.3	y	n
						1659690	32.6	y	n
	8	16:09	0.77	y	3.50	848021	23.1	y	n
						1096690	39.0	y	n
	9	16:21	0.64	n	1.39 J	336941	8.9	y	n
						523829	17.1	y	n
2,3,7,8-TCDF	10	16:31	0.74	y	11.94	2828900	70.8	y	n
						3814360	117.4	y	n
	11	16:53	0.65	n	4.08 J	986979	25.8	y	n
						1524810	51.7	y	n
	12	17:05	0.75	y	2.48	592063	15.0	y	n
						787936	23.9	y	n
	13	17:36	1.00	n	0.37	117187	3.1	y	n
						117145	3.8	y	n
	14	18:09	0.58	n	0.34	82858	2.2	n	n
						142098	3.5	y	n

Run Text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:11
Run: 14 File: 10JA061D5 S:11 Acq:10-JAN-06 16:31:52
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	443.21	of which	* named and	443.21	unnamed
Conc:	44.32	of which	* named and	44.32	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:06	1.37	n	0.85	98419	3.2	y	n
						71579	2.6	n	n
	2	15:22	0.88	y	2.17	365518	13.9	y	n
						413374	14.2	y	n
	3	15:35	0.45	n	0.91	141546	5.5	y	n
						316496	7.5	y	n
	4	16:07	0.75	y	3.82	590080	24.6	y	n
						782446	24.1	y	n
	5	16:15	0.86	y	6.01	998798	27.6	y	n
						1157990	25.2	y	n
	6	16:40	0.80	y	1.85	296254	11.9	y	n
						368799	12.9	y	n
	7	16:59	0.76	y	14.20	2201170	44.0	y	n
						2894690	44.6	y	n
	8	17:18	0.78	y	4.62	728223	27.1	y	n
						930560	29.6	y	n
	9	17:29	0.75	y	4.01	616536	24.9	y	n
						821092	25.4	y	n
	10	17:43	0.81	y	1.95	313824	13.1	y	n
						386126	12.4	y	n
	11	18:10	0.81	y	4.43	710718	28.4	y	n
						877653	24.4	y	n

See pg 2A

Run Text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? yes #Hom:10
Run: 14 File: 10JA061D5 S:11 Acq:10-JAN-06 16:31:52
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 8290120905lD5 Results: 10ja061d¶

Amount:	421.15 of which	8.93 named and	412.22 unnamed
Conc:	42.11 of which	0.89 named and	41.22 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	15:22	0.88	y	2.17	365518	13.9	y	n
						413374	14.2	y	n
	2	16:07	0.75	y	3.82	590080	24.6	y	n
						782446	24.1	y	n
	3	16:15	0.85	y	5.14	846918	27.6	y	y
						996974	25.2	y	y
	4	16:40	0.80	y	1.85	296254	11.9	y	n
						368799	12.9	y	n
	5	16:59	0.77	y	13.23	2065760	44.0	y	y
						2682780	44.6	y	y
2,3,7,8-TCDD	6	17:10	0.74	y	0.89	136267	6.3	y	y
						184248	6.2	y	y
	7	17:18	0.78	y	4.62	728223	27.1	y	n
						930559	29.6	y	n
	8	17:29	0.75	y	4.01	616536	24.9	y	n
						821091	25.4	y	n
	9	17:43	0.81	y	1.95	313824	13.1	y	n
						386126	12.4	y	n
	10	18:10	0.81	y	4.43	710722	28.4	y	n
						877653	24.4	y	n

Run Text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:12
Run: 14 File: 10JA061D5 S:11 Acq:10-JAN-06 16:31:52
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	440.96	of which	72.01	named and	368.95	unnamed			
Conc:	44.10	of which	7.20	named and	36.90	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	19:42	2.23	n	0.59	228506	8.1	y	n
						102624	2.3	n	n
	2	19:53	1.48	y	15.06	3951200	108.6	y	n
						2676740	49.7	y	n
	3	20:07	1.60	y	1.39	377323	12.6	y	n
						236379	6.4	y	n
	4	20:37	1.01	n	4.98	1333200	38.8	y	n
						1314150	16.3	y	n
	5	21:01	1.28	n	0.99	263980	9.6	y	n
						206825	5.0	y	n
1,2,3,7,8-PeCDF	6	21:08	2.23	n	2.15	807953	22.2	y	n
						362995	9.1	y	n
	7	21:24	1.68	y	1.96	541792	15.5	y	n
						321687	6.9	y	n
	8	21:36	1.19	n	3.28	878562	28.0	y	n
						735695	16.2	y	n
2,3,4,7,8-PeCDF	9	22:22	1.54	y	5.05	1378460	34.8	y	n
						892881	18.2	y	n
	10	22:38	1.52	y	7.98	2121350	43.0	y	n
						1392670	19.2	y	n
	11	22:53	0.58	n	0.32	85698	2.4	n	n
						148825	2.6	n	n
	12	23:08	1.44	y	0.33	85344	2.7	n	n
						59312	1.4	n	n

See QN 3A

Run Text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:3
Run: 14 File: 10JA061D5 S:11 Acq:10-JAN-06 16:31:52
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	34.25	of which	*	named and	34.25	unnamed

Run Text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? yes #Hom:6
Run: 14 File: 10JA061D5 S:11 Acq:10-JAN-06 16:31:52
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10ja061d

Amount:	413.20	of which	72.01	named and	341.20	unnamed			
Conc:	41.32	of which	7.20	named and	34.12	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	19:53	1.48	y	15.06	3951200	108.6	y	n	
						2676740	49.7	y	n	
	2	20:37	1.61	y	7.79	2116250	38.5	y	y	
						1314150	16.3	y	n	
1,2,3,7,8-PeCDF	3	21:08	2.23	n	2.15	807953	22.2	y	n	PG
						362995	9.1	y	n	
	4	21:36	1.24	n	3.28 TA	878563	28.0	y	n	3A
						706407	16.2	y	y	
2,3,4,7,8-PeCDF	5	22:22	1.54	y	5.05	1378460	34.8	y	n	
						892881	18.2	y	n	
	6	22:38	1.52	y	7.98	2121350	43.0	y	n	
						1392670	19.2	y	n	

Conc: 3.42 of which * named and 3.42 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:47	0.65	n	0.23	60943	3.1	y	n
						94422	2.9	n	n
	2	18:08	0.89	n	0.25	67208	2.8	n	n
						75271	2.4	n	n
	3	18:28	1.61	y	2.95	799238	33.7	y	n
						497334	16.1	y	n

Run Text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:12
Run: 14 File: 10JA061D5 S:11 Acq:10-JAN-06 16:31:52
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	749.09 of which	58.54 named and	690.55 unnamed
Conc:	74.91 of which	5.85 named and	69.06 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	20:04	1.07	n	4.33 JK	774513	15.5	y	n
						720828	22.7	y	n
	2	20:45	1.58	y	4.80	865387	19.5	y	n
						546997	20.9	y	n
	3	21:10	1.83	n	2.81 JA	594388	12.2	y	n
						324492	9.9	y	n
	4	21:23	1.67	y	2.66	490213	9.9	y	n
						294074	11.1	y	n
	5	21:40	1.59	y	4.11	742365	16.7	y	n
						466739	17.4	y	n
	6	21:57	1.63	y	4.29	783112	14.7	y	n
						478999	16.8	y	n
	7	22:07	1.43	y	11.10	1922060	31.2	y	n
						1346150	39.0	y	n
	8	22:27	1.50	y	4.07	718639	14.8	y	n
						479918	16.0	y	n
	9	22:40	1.62	y	13.78	2507150	49.0	y	n
						1549400	50.3	y	n
1,2,3,7,8-PeCDD	10	23:01	1.67	y	5.85	1077370	18.5	y	n
						645710	17.8	y	n
	11	23:18	1.55	y	5.99	1071940	19.9	y	n
						690598	22.1	y	n
	12	23:56	1.64	y	11.11	2032150	36.2	y	n
						1239060	37.2	y	n

Run Text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:9
Run: 14 File: 10JA061D5 S:11 Acq:10-JAN-06 16:31:52
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	505.84 of which	151.67 named and	354.17 unnamed		

Conc: 50.58 of which 15.17 named and 35.42 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	26:16	1.18	y	3.59	645417	14.5	y	n
						544936	13.1	y	n
	2	26:38	1.25	y	15.67	2882600	51.3	y	n
						2310740	50.2	y	n
	3	27:53	1.19	y	12.91	2324910	37.5	y	n
						1952030	38.7	y	n
1,2,3,4,7,8-HxCDF	4	28:57	1.30	y	8.13	1560490	16.2	y	n
						1201080	16.1	y	n
1,2,3,6,7,8-HxCDF	5	29:16	1.23	y	3.27	629481	10.8	y	n
						512136	11.7	y	n
	6	30:01	0.55	n	0.31	57607	1.9	n	n
						104704	2.6	n	n
	7	30:26	0.94	n	1.49	272823	6.8	y	n
						289589	7.4	y	n
2,3,4,6,7,8-HxCDF	8	30:38	1.34	y	3.77	702427	15.9	y	n
						523710	15.7	y	n
	9	31:49	1.17	y	1.45	258467	6.2	y	n
						221710	7.1	y	n

See pg 6A

Run Text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? yes #Hom:8
Run: 14 File: 10JA061D5 S:11 Acq:10-JAN-06 16:31:52
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 8290120905lD5 Results: 10ja061d

Amount:	482.31 of which	116.13 named and	366.18 unnamed
Conc:	48.23 of which	11.61 named and	36.62 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	26:16	1.18	y	3.59	645418	14.5	y	n
						544936	13.1	y	n
	2	26:38	1.25	y	15.67	2882600	51.3	y	n
						2310740	50.2	y	n
	3	27:53	1.19	y	12.91	2324910	37.5	y	n
						1952030	38.7	y	n
	4	28:54	1.24	y	4.45	815302	14.9	y	y
						659737	13.8	y	y
1,2,3,4,7,8-HxCDF	5	28:57	1.16	y	4.13	751610	16.2	y	y
						650532	16.8	y	y
1,2,3,6,7,8-HxCDF	6	29:16	1.06	y	3.26	584687	10.8	y	y
						551833	12.4	y	y
2,3,4,6,7,8-HxCDF	7	30:38	1.34	y	3.77	702433	15.9	y	n
						523710	15.7	y	n
1,2,3,7,8,9-HxCDF	8	31:45	1.29	y	0.46	80896	2.6	n	y
						62835	2.5	n	y

PG

6A

Run Text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:7
Run: 14 File: 10JA061D5 S:11 Acq:10-JAN-06 16:31:52
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	1298.27 of which	493.49 named and	804.77 unnamed
Conc:	129.83 of which	49.35 named and	80.48 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:44	1.17	y	19.48	2697940	59.6	y	n
						2306740	33.1	y	n
	2	29:05	1.34	y	12.72	1873500	32.7	y	n
						1393980	19.8	y	n
	3	29:44	1.24	y	36.18	5152360	99.6	y	n
						4142510	59.0	y	n
	4	30:04	1.37	y	12.09	1796720	41.0	y	n
						1308830	21.3	y	n
1,2,3,4,7,8-HxCDD	5	30:53	1.32	y	5.90	823739	26.4	y	n
						622944	14.8	y	n
1,2,3,6,7,8-HxCDD	6	31:03	1.21	y	10.52	1485180	43.6	y	n
						1223040	26.8	y	n
1,2,3,7,8,9-HxCDD	7	31:25	1.26	y	32.92	4926700	130.7	y	n
						3903630	77.3	y	n

See pg 7A

Run Text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:4
Run: 14 File: 10JA061D5 S:11 Acq:10-JAN-06 16:31:52
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	354.64 of which	170.47 named and	184.17 unnamed
Conc:	35.46 of which	17.05 named and	18.42 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,6,7,8-HpCDF	1	33:28	0.99	y	15.07	2401270	111.9	y	n
						2434360	70.3	y	n
	2	33:40	0.95	y	1.20	179408	8.8	y	n
						188191	6.0	y	n
	3	33:47	1.07	y	17.22	2729230	124.2	y	n
						2540340	73.1	y	n
1,2,3,4,7,8,9-HpCDF	4	34:38	0.97	y	1.97	283225	10.3	y	n

Run Text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? yes #Hom:8
Run: 14 File: 10JA061D5 S:11 Acq:10-JAN-06 16:31:52
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10ja061d

Amount:	1302.94	of which	237.06	named and	1065.88	unnamed			
Conc:	130.29	of which	23.71	named and	106.59	unnamed			

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	27:44	1.17	y	19.48	2697940	59.6	y	n
						2306750	33.1	y	n
	2	29:05	1.34	y	12.72	1873510	32.7	y	n
						1393970	19.8	y	n
	3	29:44	1.24	y	36.18	5152360	99.6	y	n
						4142510	59.0	y	n
	4	30:04	1.37	y	12.09	1796720	41.0	y	n
						1308830	21.3	y	n
1,2,3,4,7,8-HxCDD	5	30:53	1.32	y	5.90	823741	26.4	y	n
						622944	14.8	y	n
1,2,3,6,7,8-HxCDD	6	31:03	1.21	y	10.52	1485190	43.6	y	n
						1223040	26.8	y	n
	7	31:25	1.23	y	26.11	3702930	129.7	y	y
						3004140	77.2	y	y
1,2,3,7,8,9-HxCDD	8	31:28	1.25	y	7.28	1085030	78.8	y	y
						867330	49.2	y	y

99

7A

						291570	8.0	y	n

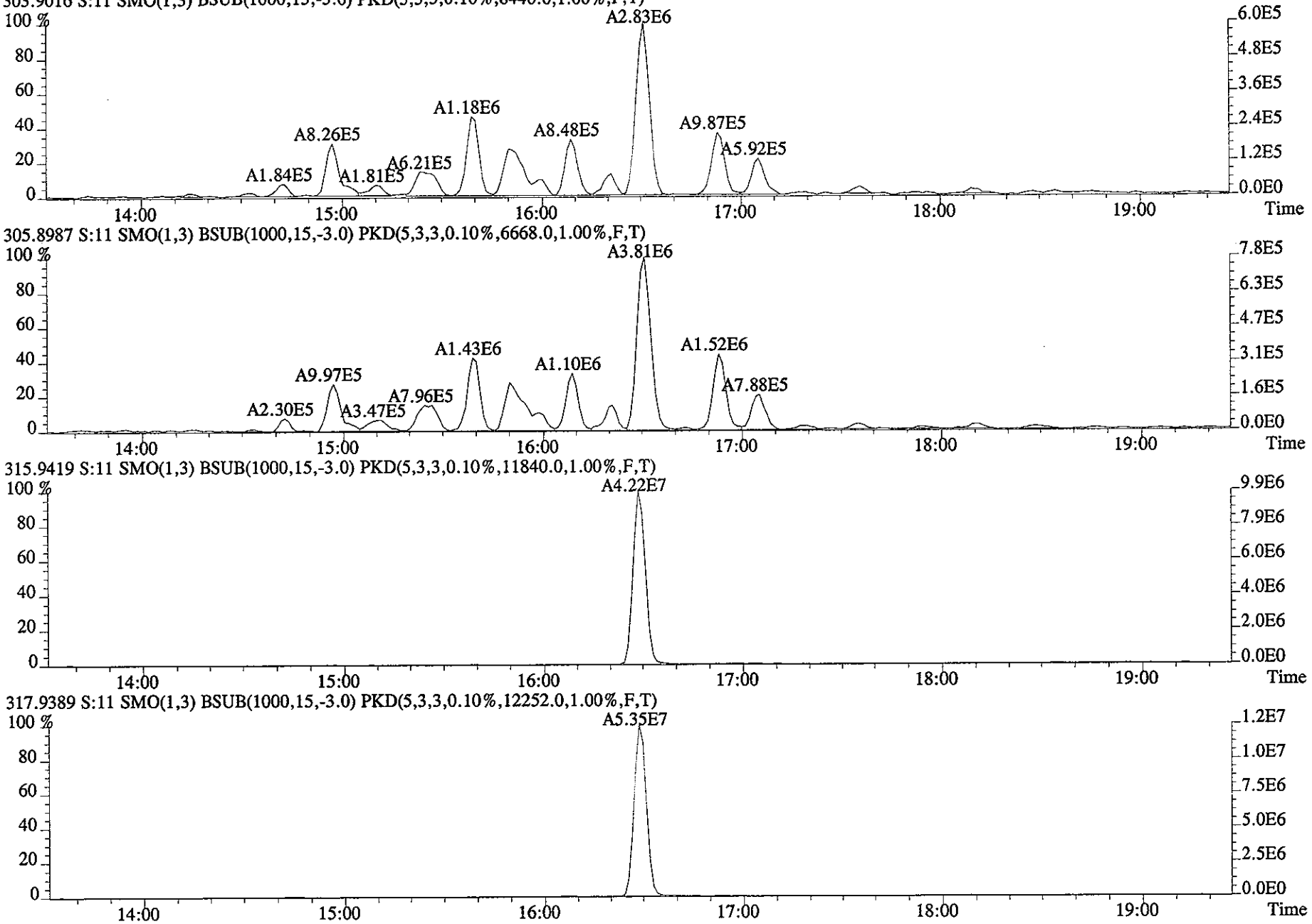
Run Text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15

Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:3
Run: 14 File: 10JA061D5 S:11 Acq:10-JAN-06 16:31:52
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

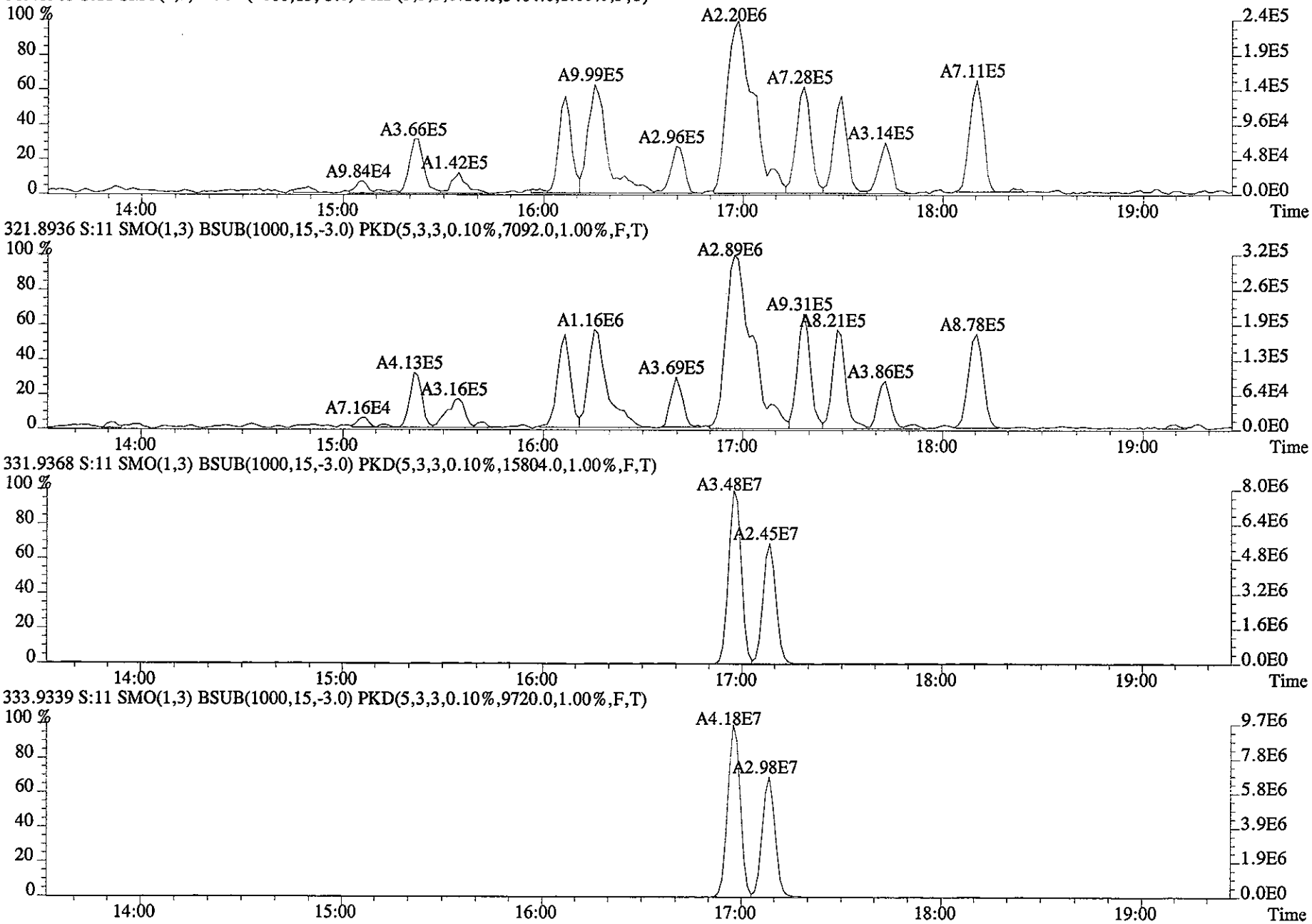
Amount:	3189.59 of which	1719.11 named and	1470.48 unnamed
Conc:	318.96 of which	171.91 named and	147.05 unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:44	1.07	y	145.26	16944400	472.2	y	n
						15793800	373.1	y	n
1,2,3,4,6,7,8-HpCDD	2	34:20	1.02	y	171.91	19537600	507.3	y	n
						19208000	437.2	y	n
	3	34:38	1.85	n	1.79	367117	6.6	y	n
						197966	3.7	y	n

File:10JA061D5 #1-322 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN



File:10JA061D5 #1-322 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN

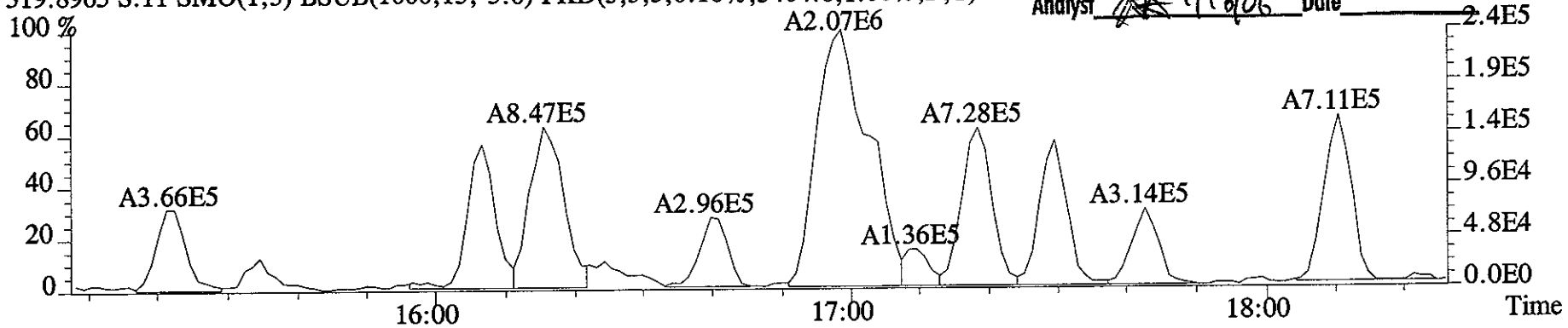


MANUAL EDIT CODES

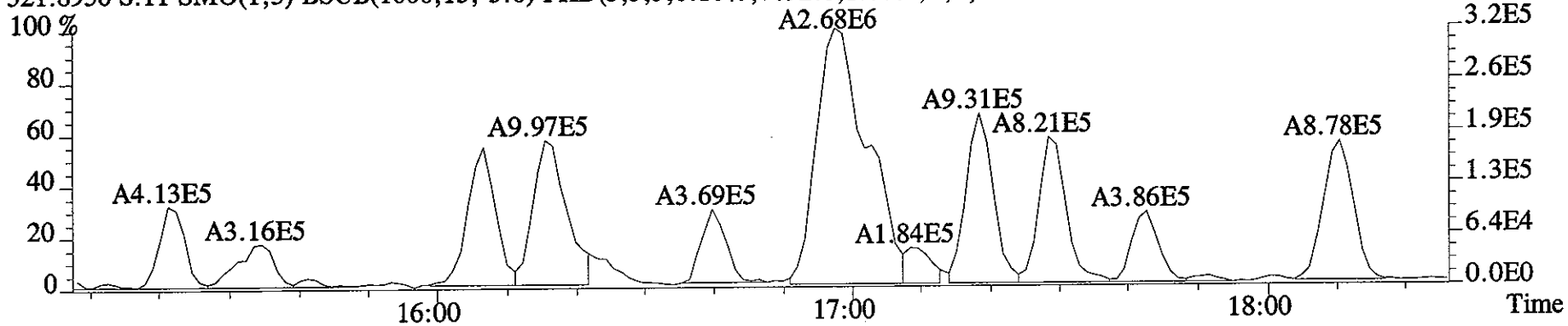
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date 1/18/06

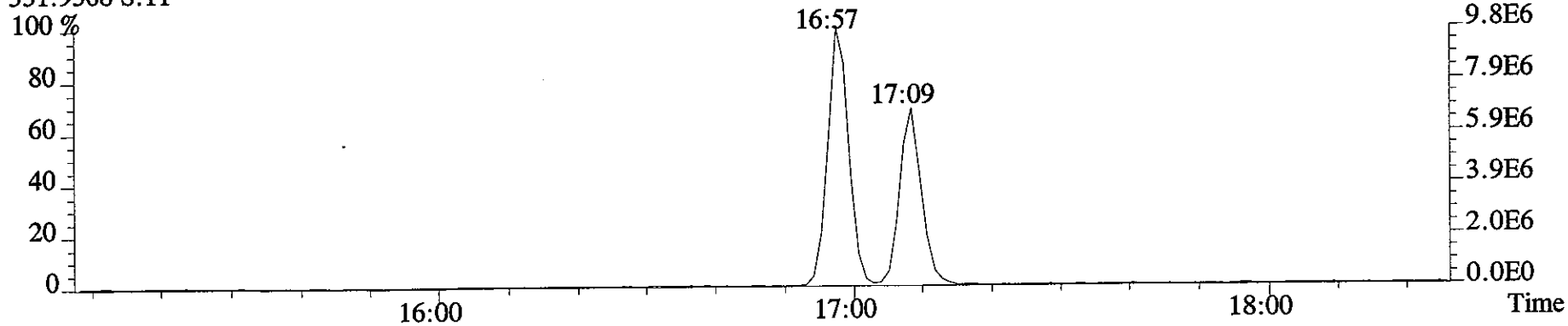
File:10JA061D5 #1-322 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
319.8965 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5404.0,1.00%,F,T)



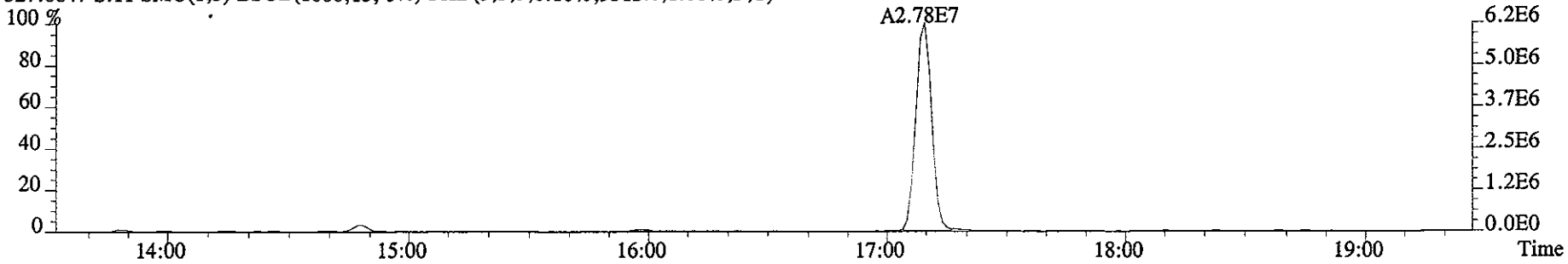
321.8936 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7092.0,1.00%,F,T)



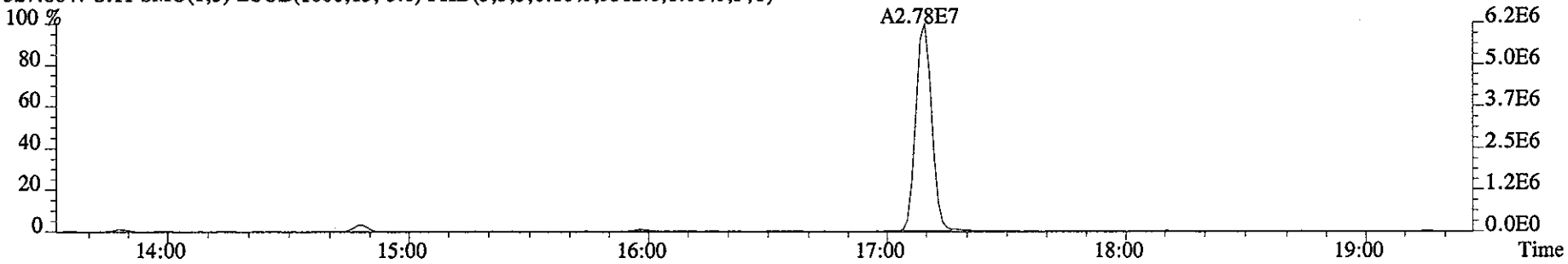
331.9368 S:11



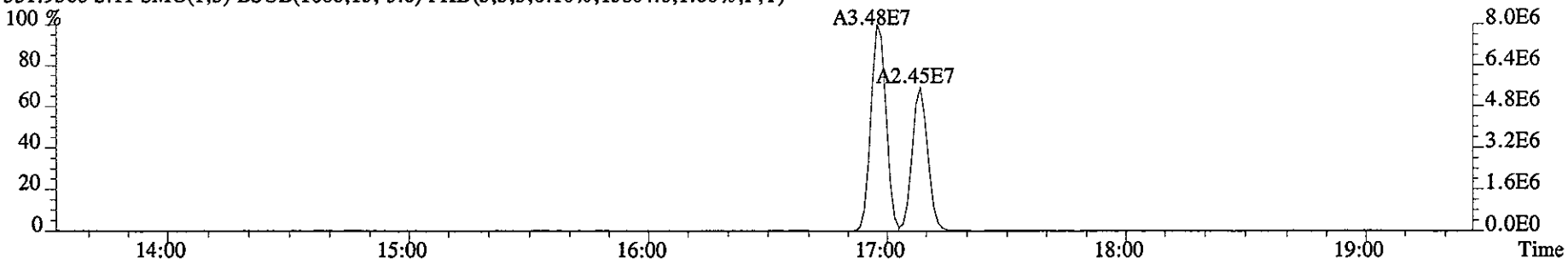
File:10JA061D5 #1-322 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
327.8847 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9312.0,1.00%,F,T)



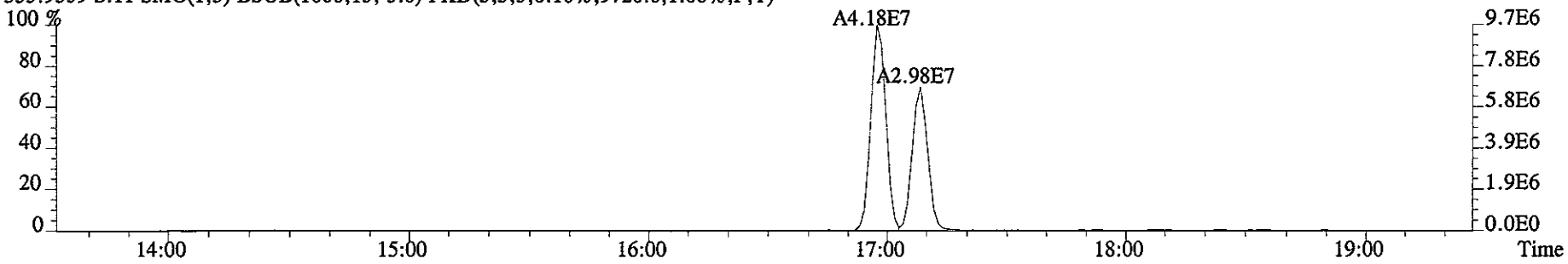
327.8847 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9312.0,1.00%,F,T)



331.9368 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15804.0,1.00%,F,T)

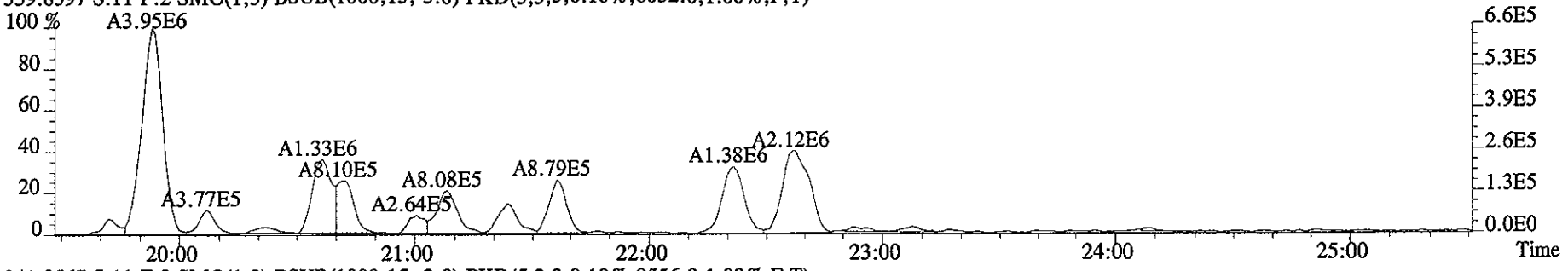


333.9339 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9720.0,1.00%,F,T)

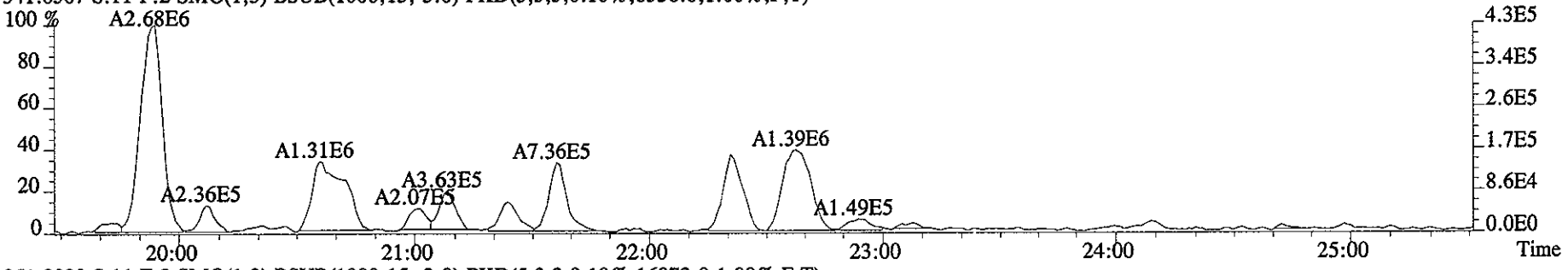


File:10JA061D5 #1-426 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN

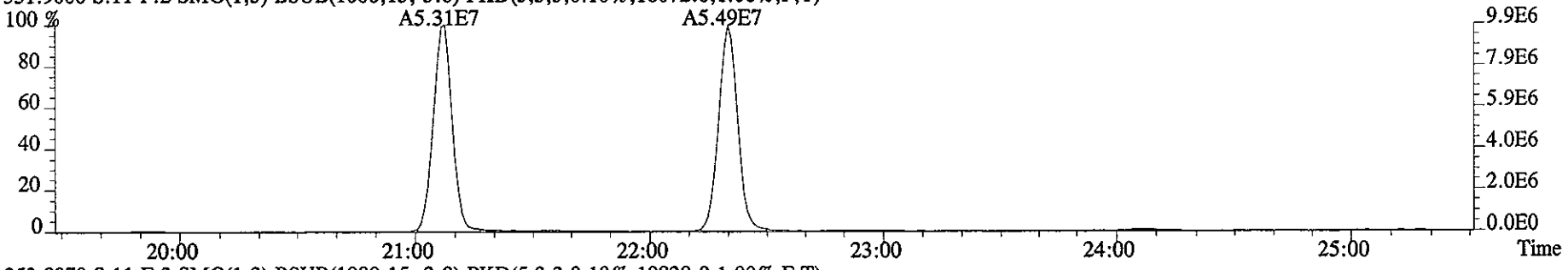
339.8597 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6032.0,1.00%,F,T)



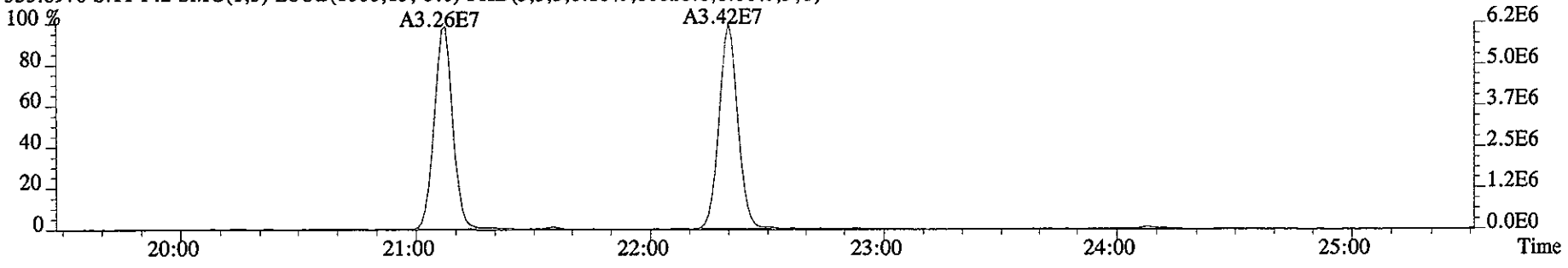
341.8567 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8556.0,1.00%,F,T)



351.9000 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16072.0,1.00%,F,T)



353.8970 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10828.0,1.00%,F,T)

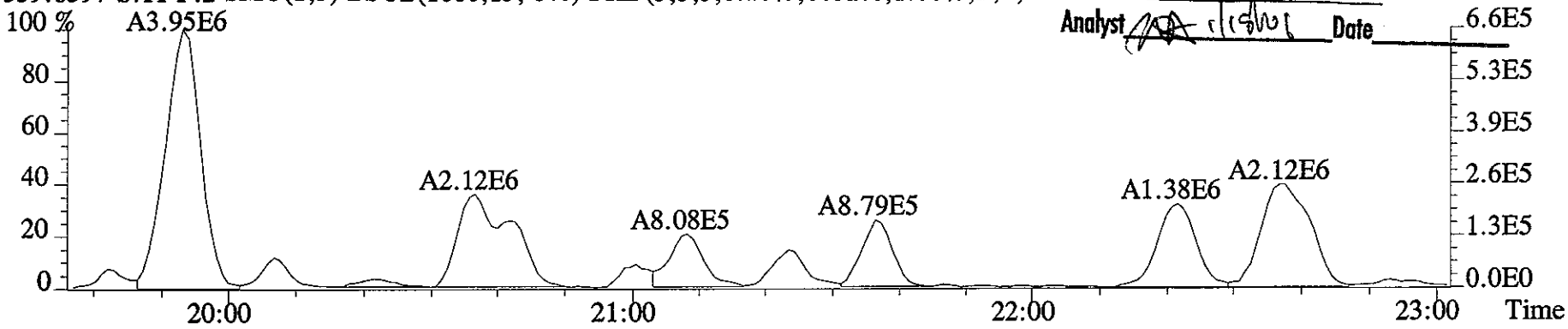


MANUAL EDIT CODES

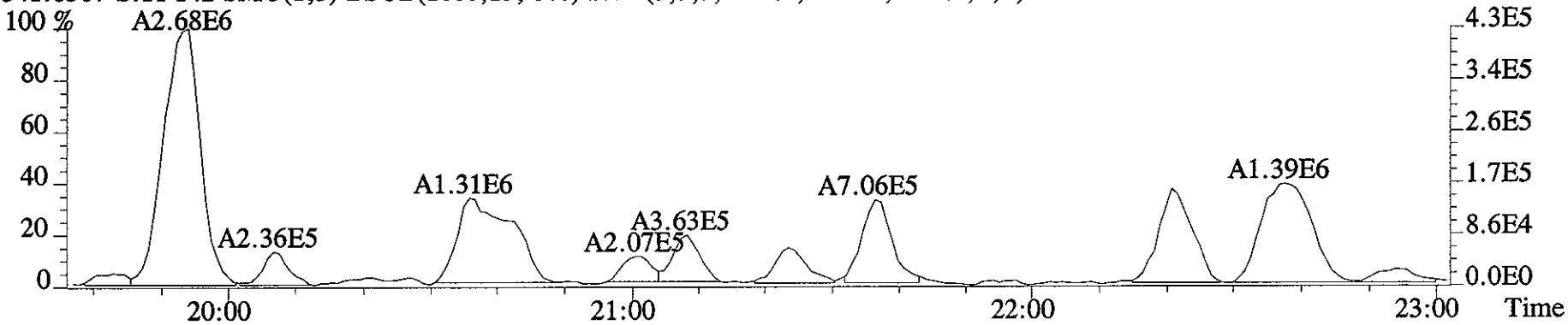
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other

Analyst _____ Date _____

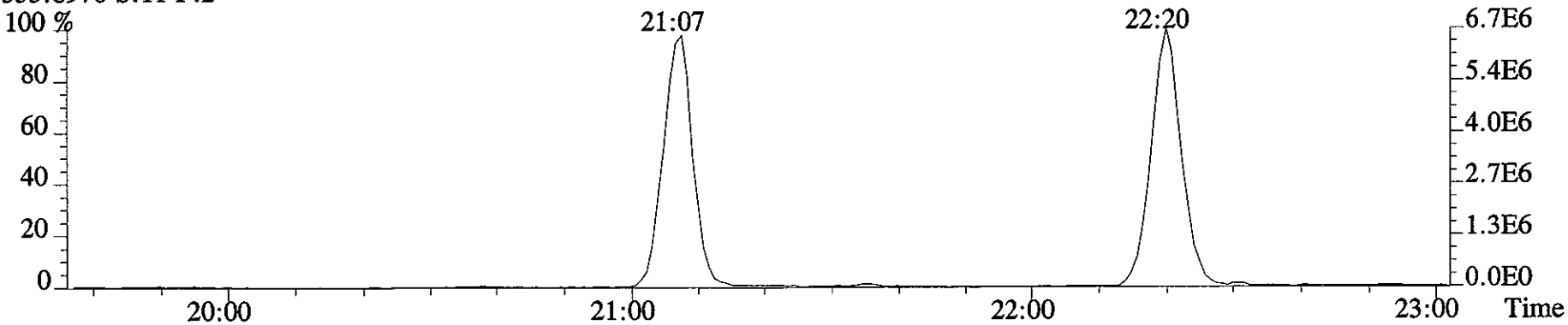
File:10JA061D5 #1-426 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
339.8597 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6032.0,1.00%,F,T)



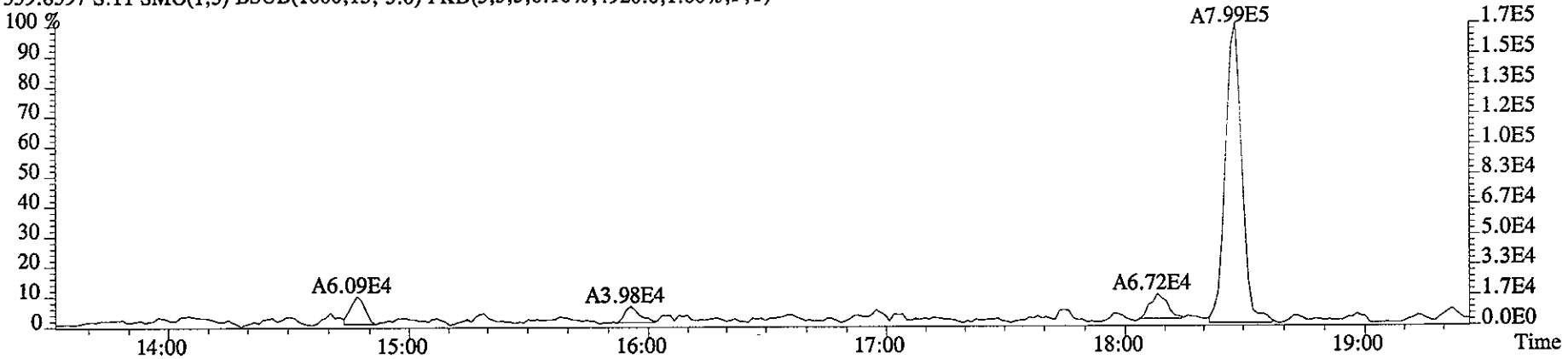
341.8567 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8556.0,1.00%,F,T)



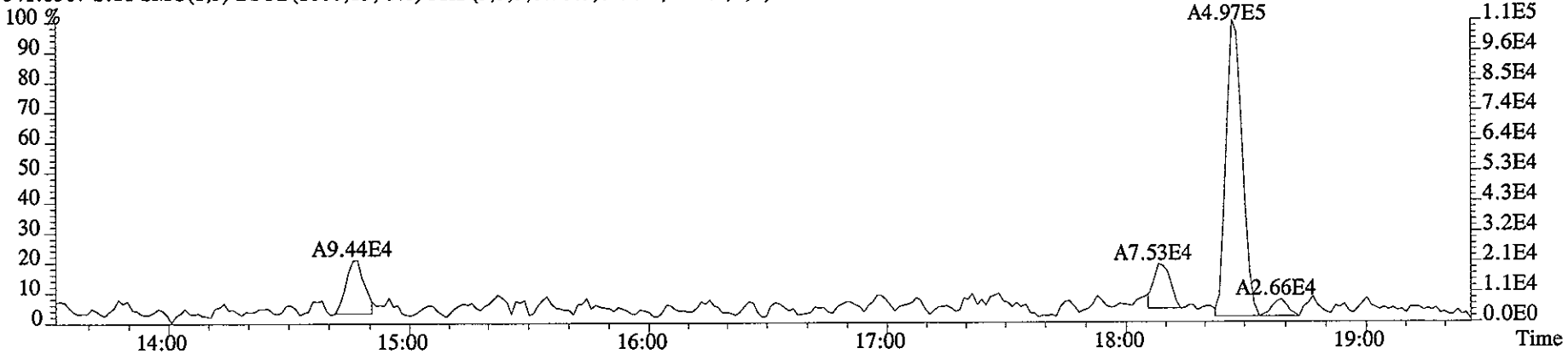
353.8970 S:11 F:2



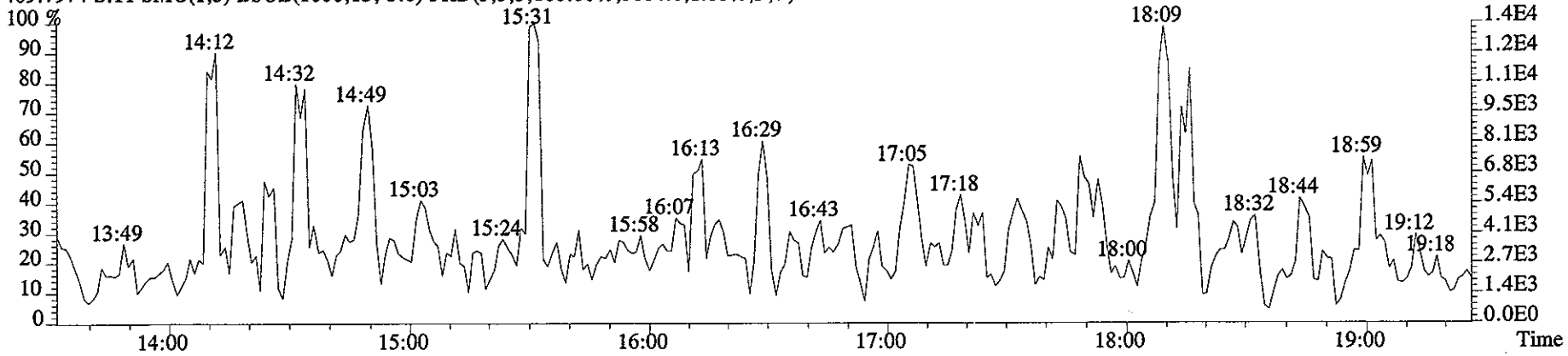
File:10JA061D5 #1-322 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
339.8597 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4920.0,1.00%,F,T)

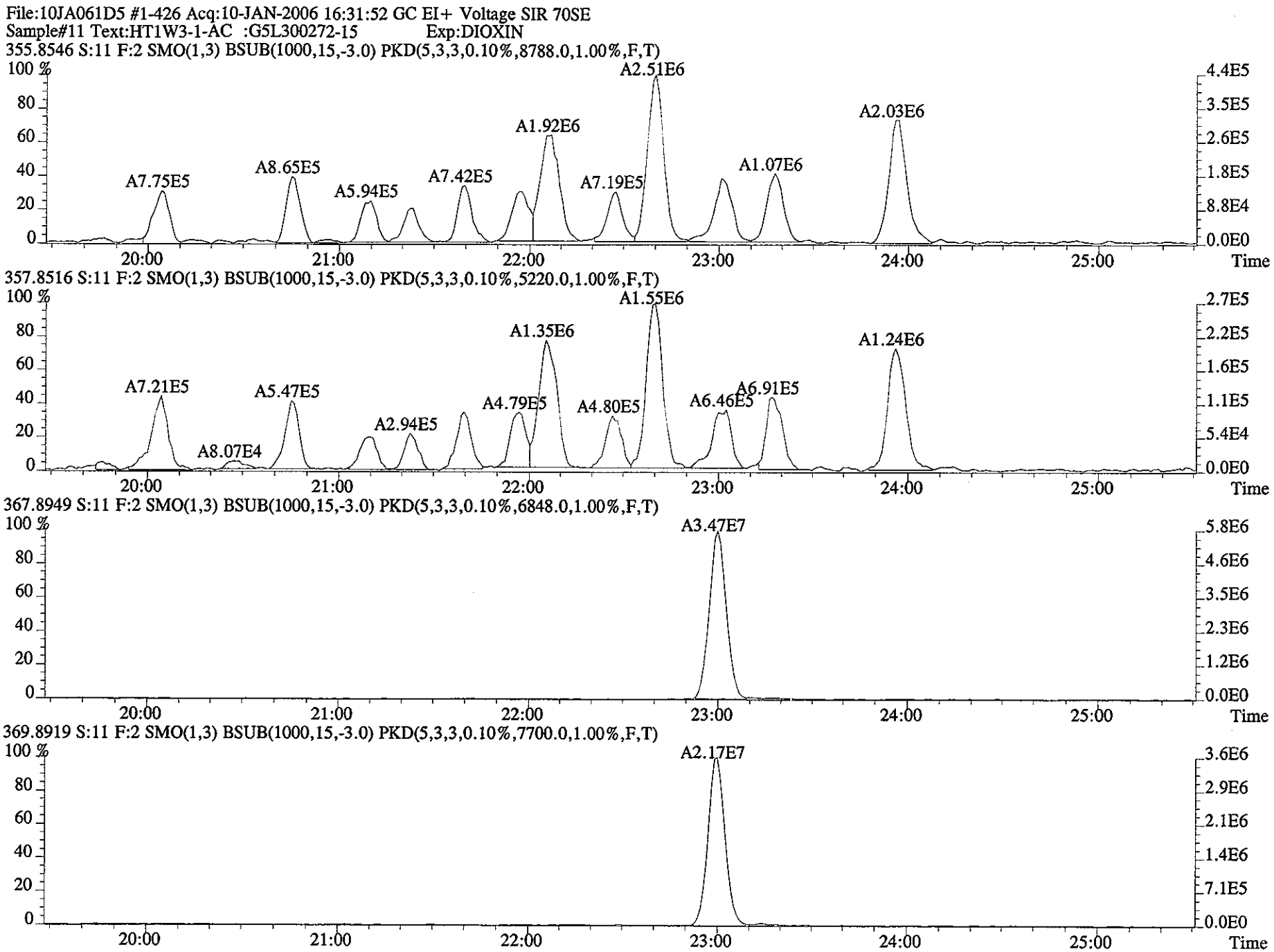


341.8567 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6496.0,1.00%,F,T)



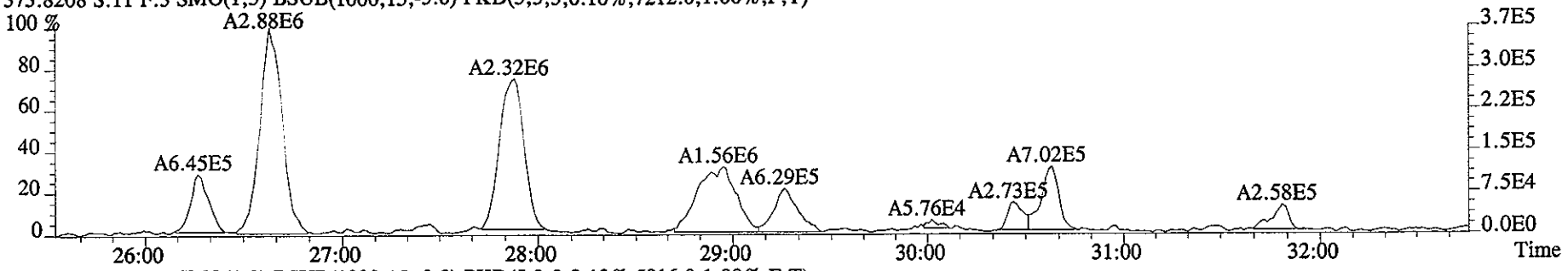
409.7974 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3884.0,1.00%,F,T)



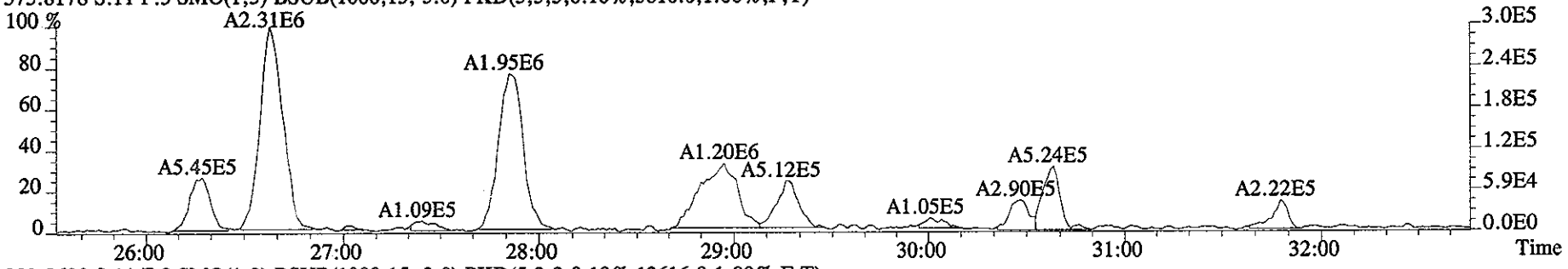

File:10JA061D5 #1-426 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
355.8546 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8788.0,1.00%,F,T)
A7.75E5
A8.65E5
A5.94E5
A7.42E5
A1.92E6
A7.19E5
A2.51E6
A1.07E6
A2.03E6
357.8516 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5220.0,1.00%,F,T)
A7.21E5
A8.07E4
A5.47E5
A2.94E5
A4.79E5
A1.35E6
A4.80E5
A1.55E6
A6.46E5
A6.91E5
A1.24E6
367.8949 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6848.0,1.00%,F,T)
A3.47E7
369.8919 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7700.0,1.00%,F,T)
A2.17E7
100 %
80
60
40
20
0
20:00
21:00
22:00
23:00
24:00
25:00
Time
4.4E5
3.5E5
2.6E5
1.8E5
8.8E4
0.0E0
2.7E5
2.2E5
1.6E5
1.1E5
5.4E4
5.8E6
4.6E6
3.5E6
2.3E6
1.2E6
3.6E6
2.9E6
2.1E6
1.4E6
7.1E5

File:10JA061D5 #1-486 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN

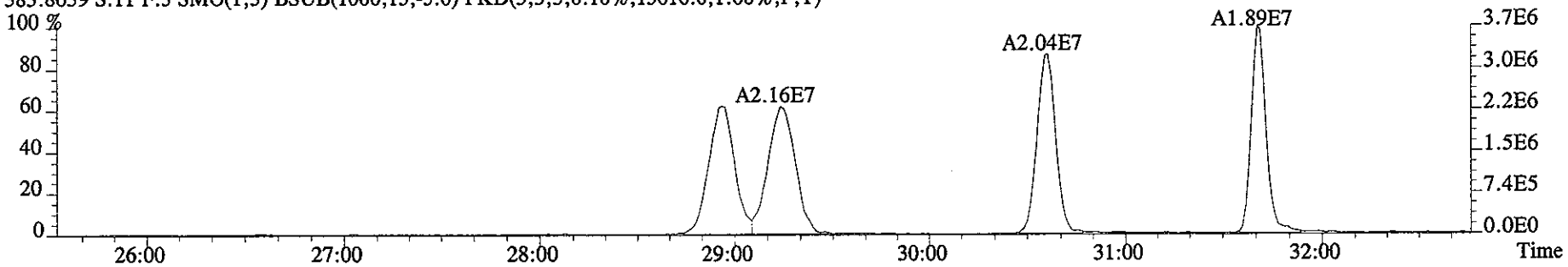
373.8208 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7212.0,1.00%,F,T)



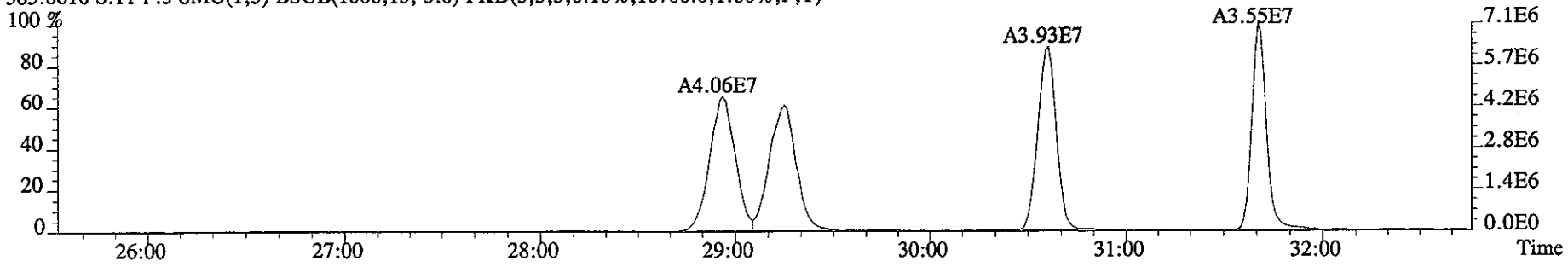
375.8178 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5816.0,1.00%,F,T)



383.8639 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13616.0,1.00%,F,T)



385.8610 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18700.0,1.00%,F,T)

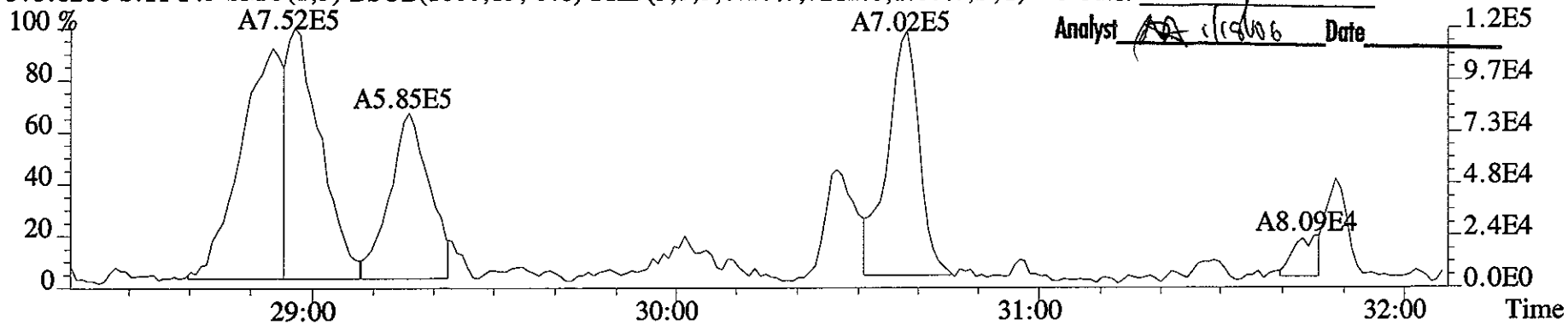


MANUAL EDIT CODES

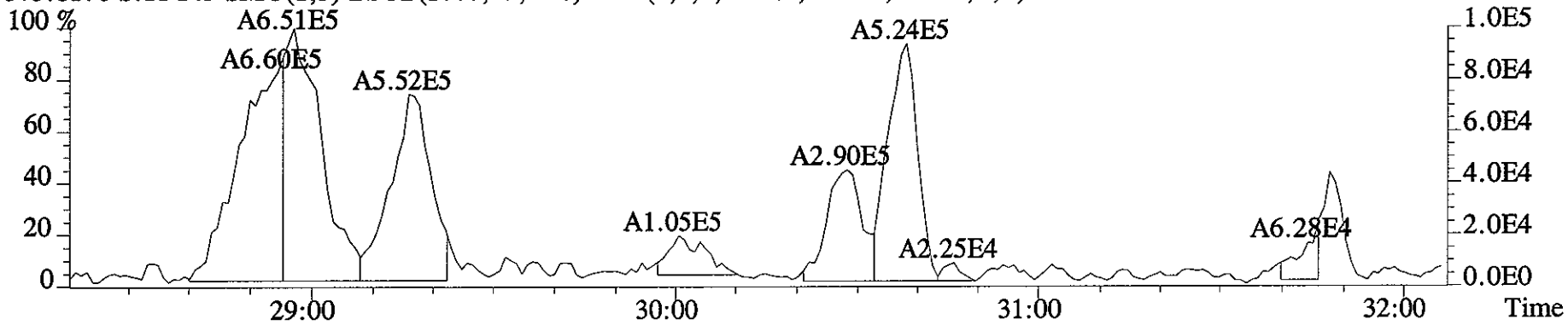
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other _____

Analyst _____ Date _____

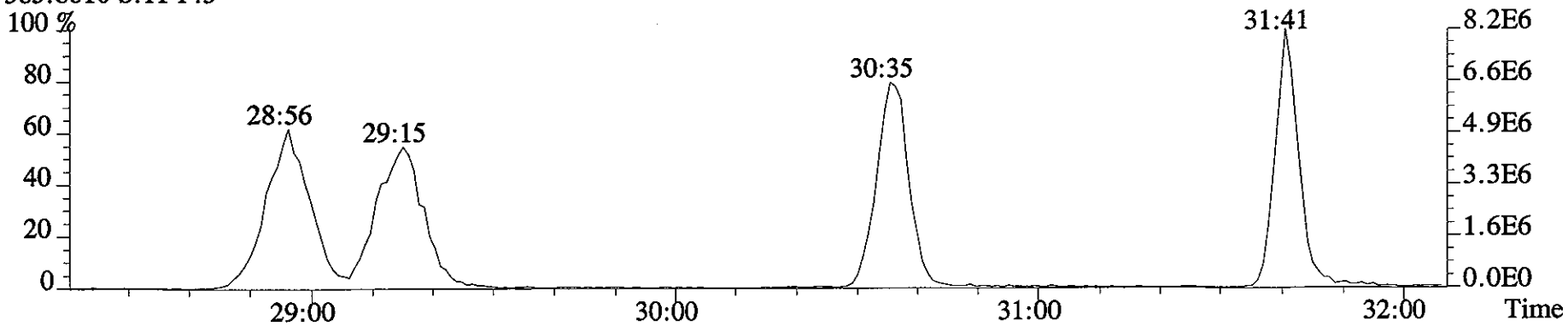
File:10JA061D5 #1-486 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
373.8208 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7212.0,1.00%,F,T)



375.8178 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5816.0,1.00%,F,T)

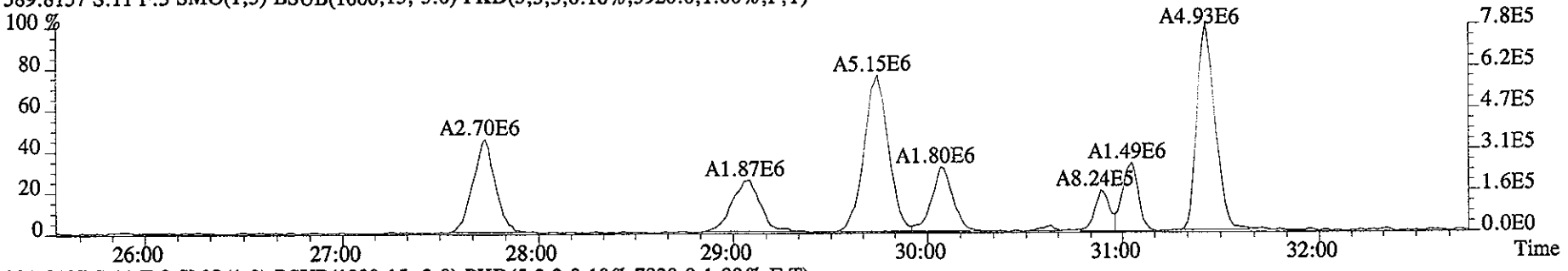


385.8610 S:11 F:3

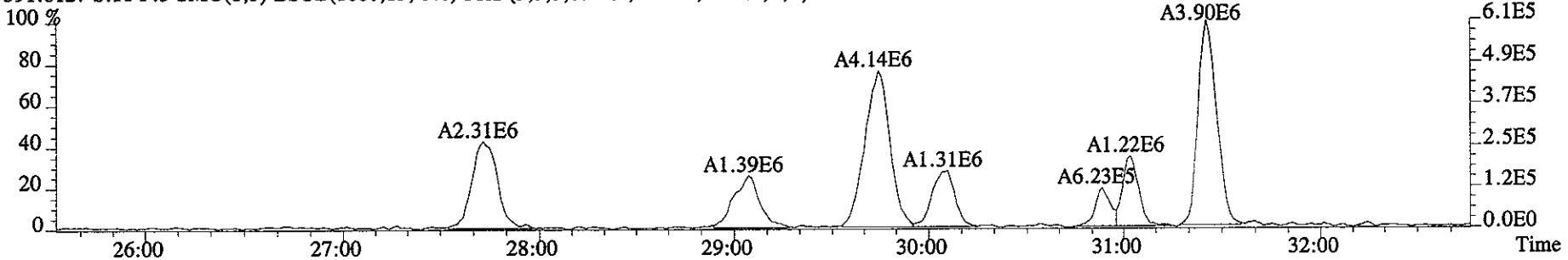


File:10JA061D5 #1-486 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN

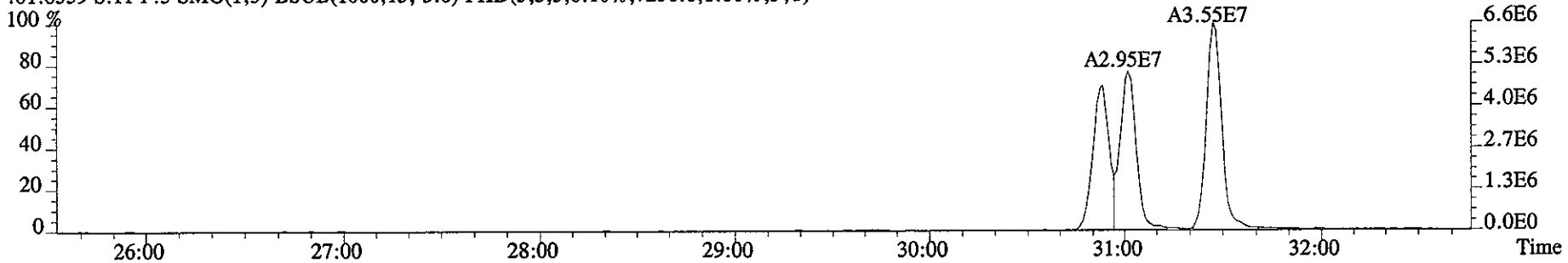
389.8157 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5920.0,1.00%,F,T)



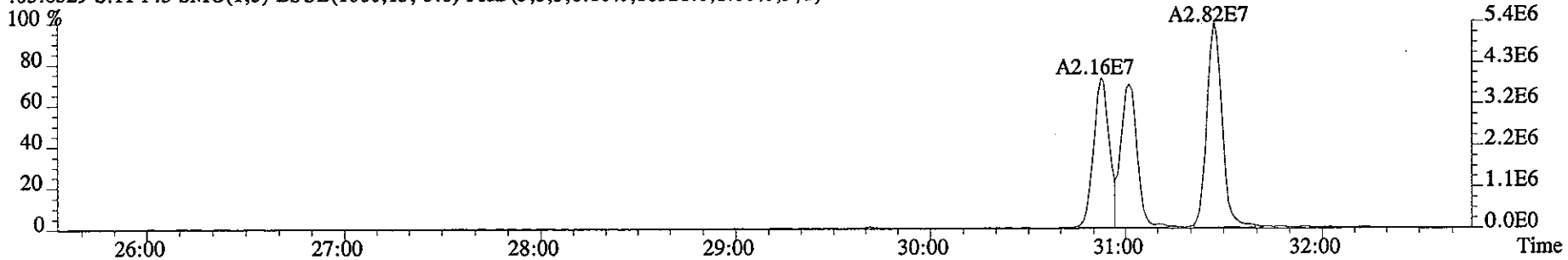
391.8127 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7820.0,1.00%,F,T)



401.8559 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7236.0,1.00%,F,T)



403.8529 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10528.0,1.00%,F,T)

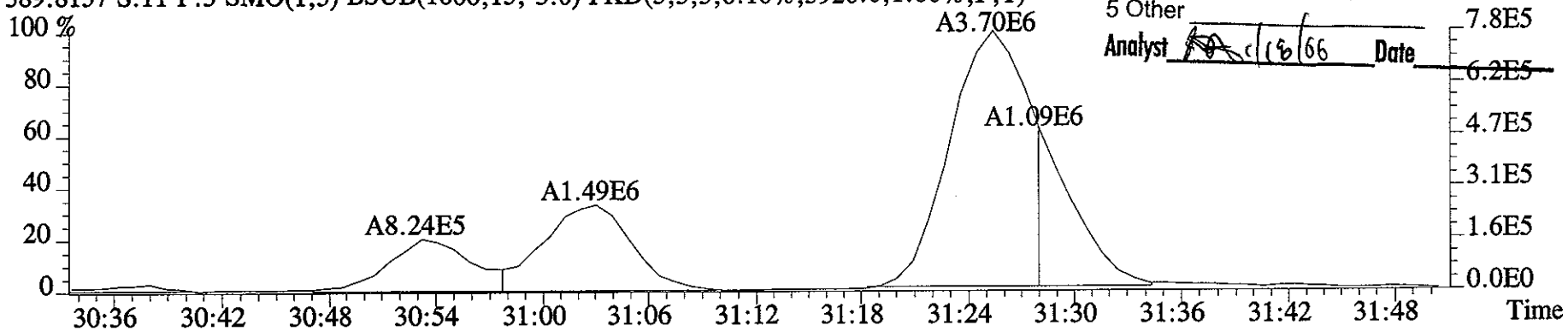


MANUAL EDIT CODES

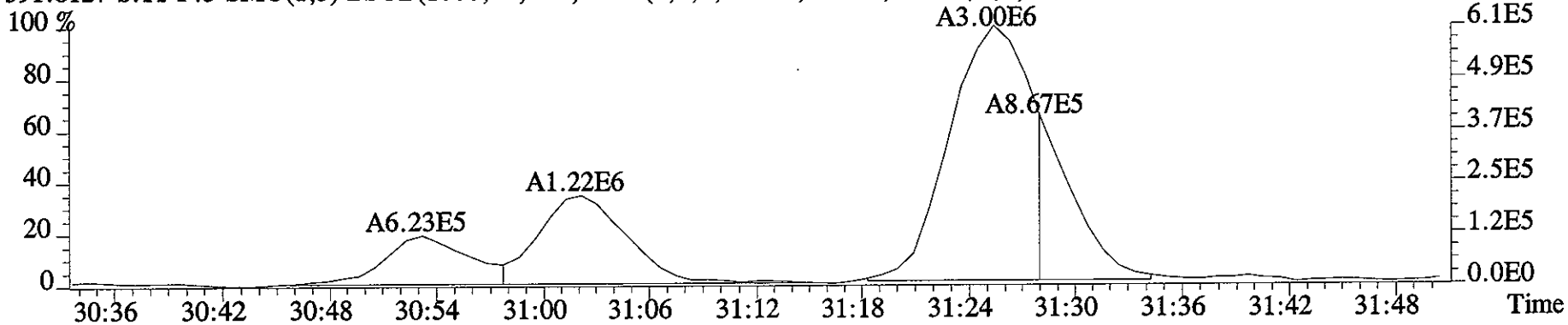
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other

Analyst _____ Date 1/6/06

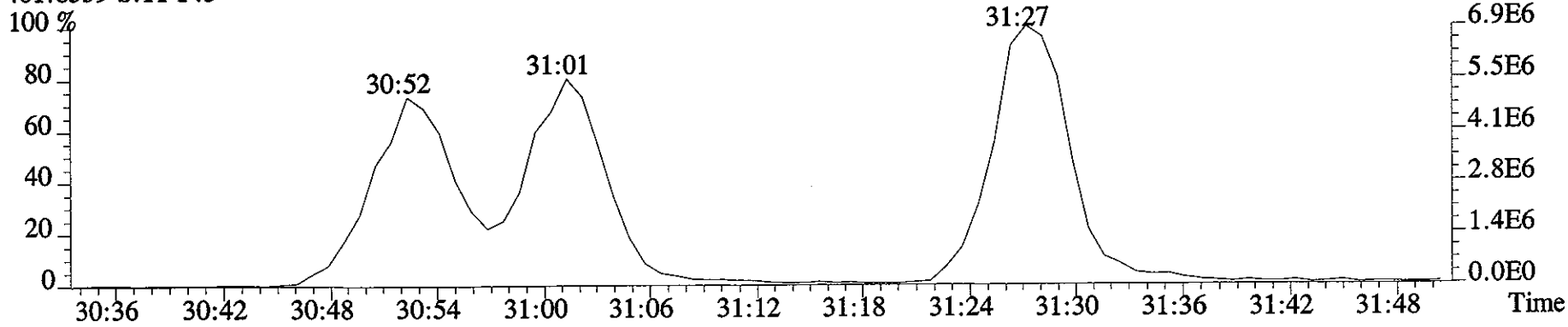
File:10JA061D5 #1-486 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
389.8157 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5920.0,1.00%,F,T)



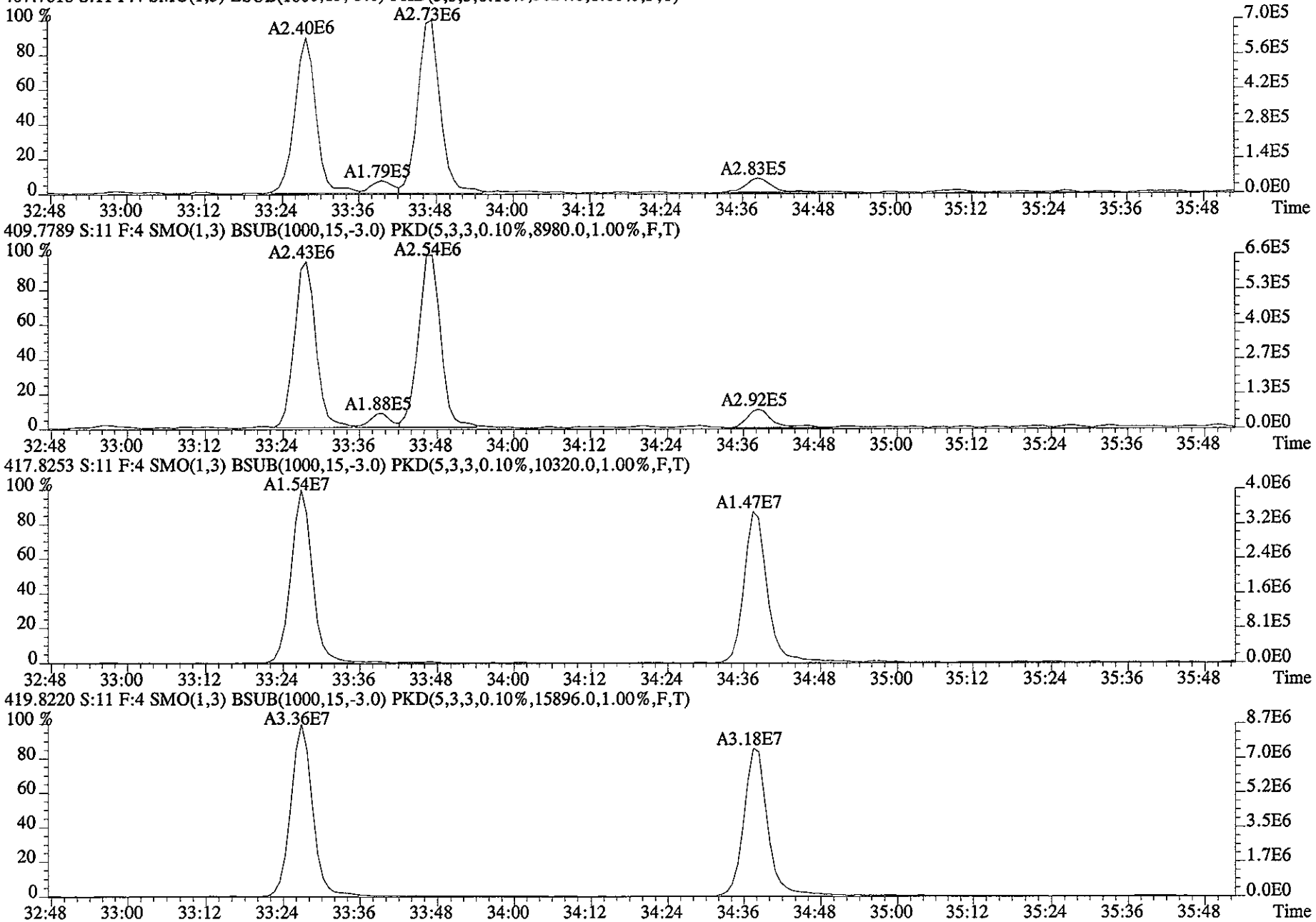
391.8127 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7820.0,1.00%,F,T)



401.8559 S:11 F:3



File:10JA061D5 #1-218 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN

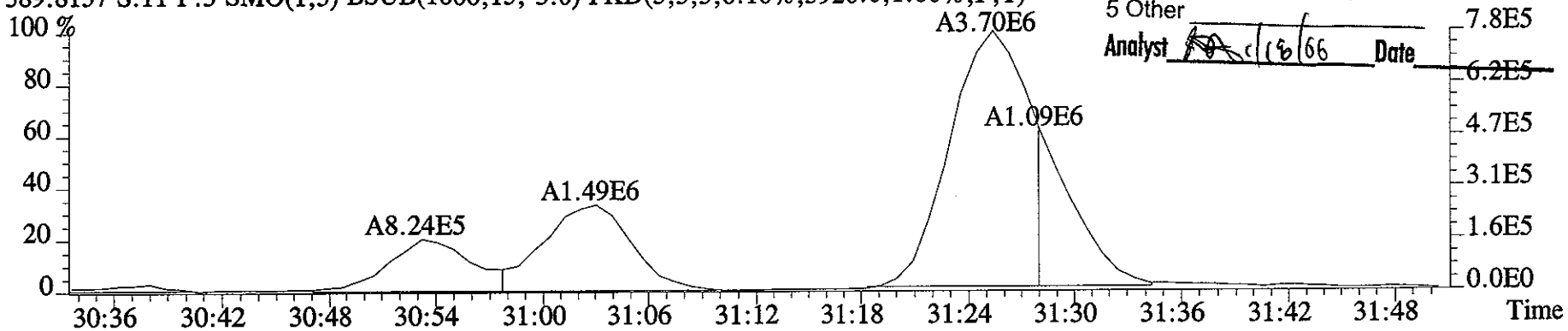


MANUAL EDIT CODES

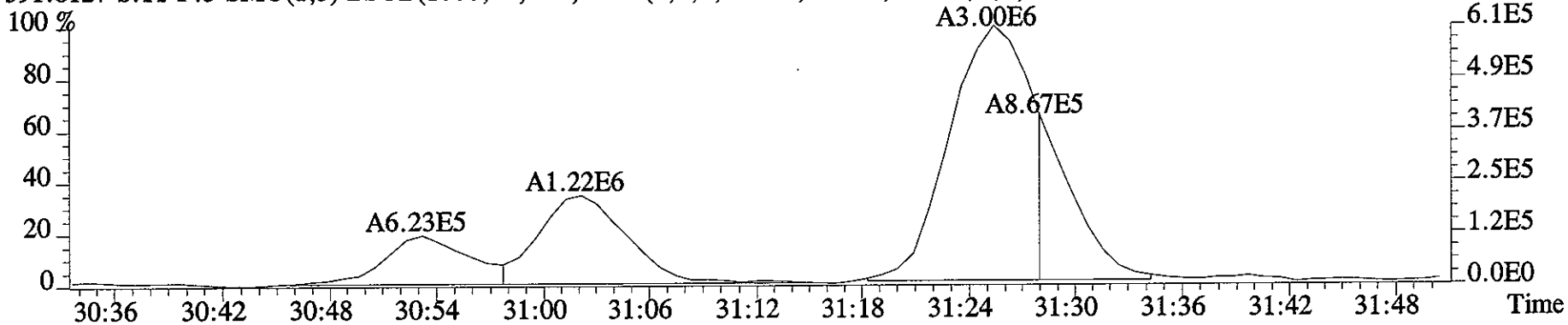
1 Peak not found
2 Poor Chromatography
3 Baseline Correction
4 Manual EDL Calculation
5 Other

Analyst _____ Date 1/6/06

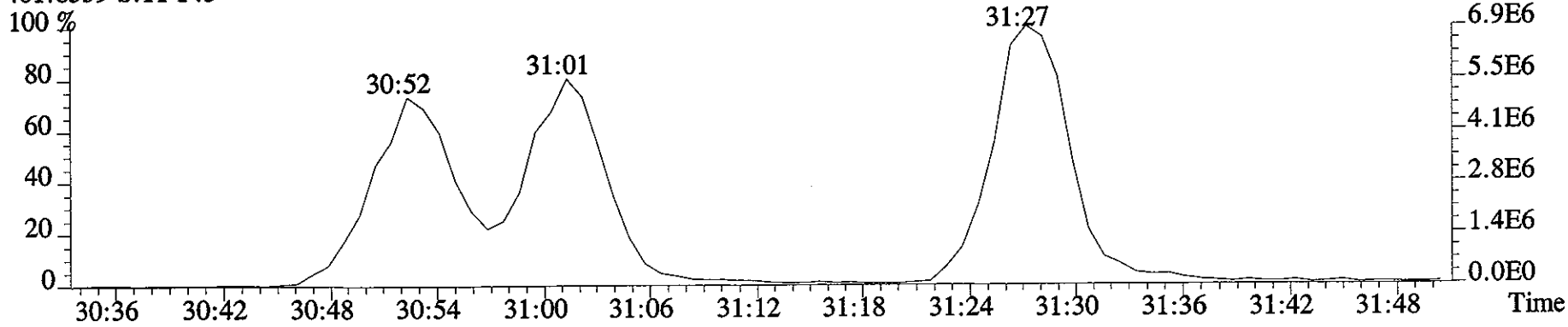
File:10JA061D5 #1-486 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
389.8157 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5920.0,1.00%,F,T)



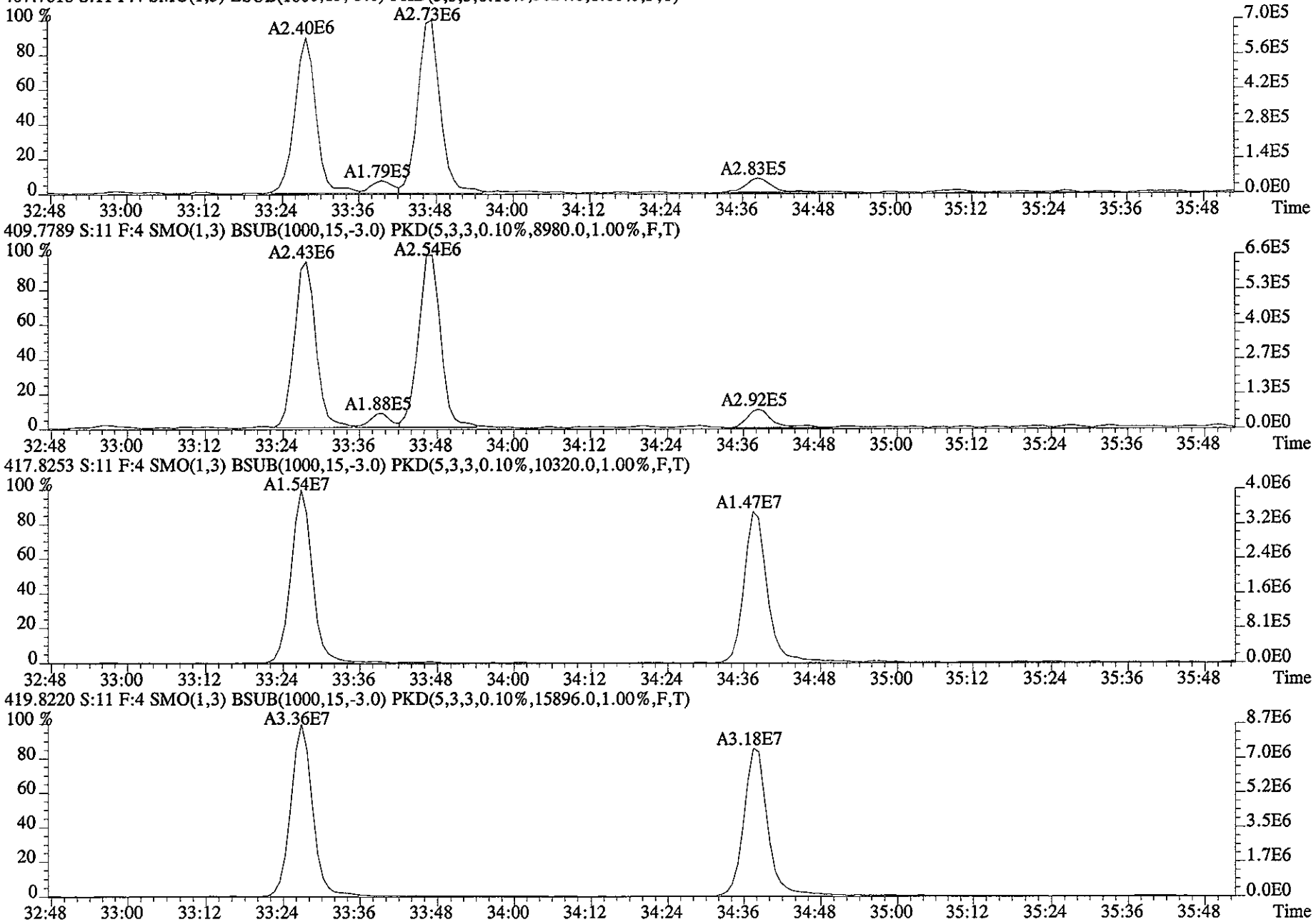
391.8127 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7820.0,1.00%,F,T)



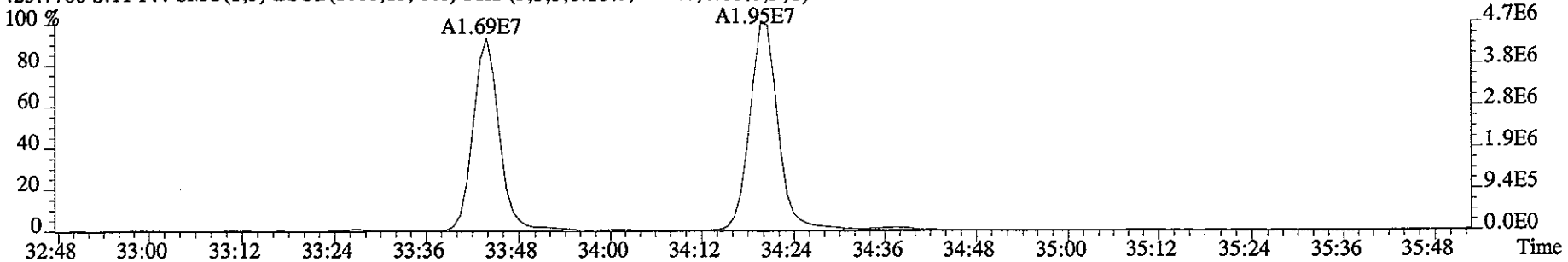
401.8559 S:11 F:3



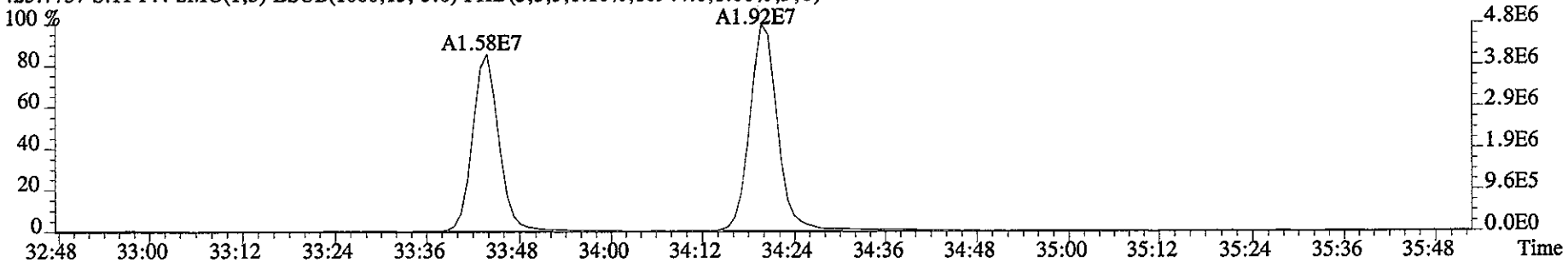
File:10JA061D5 #1-218 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN



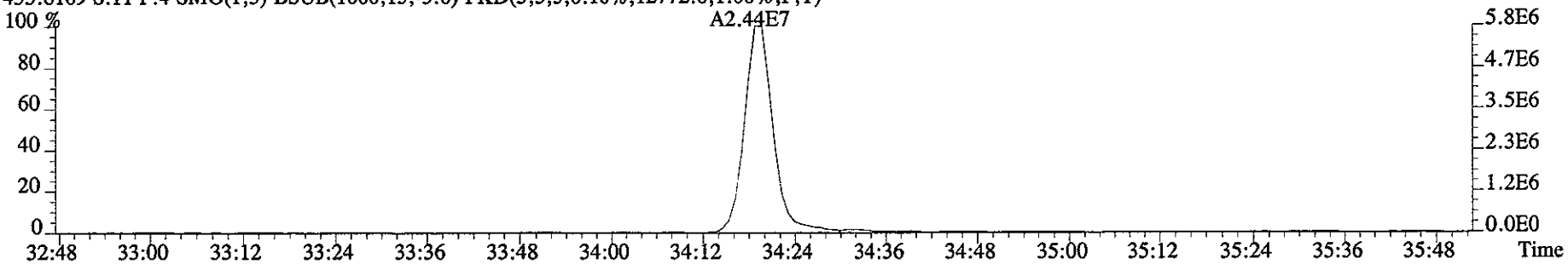
File:10JA061D5 #1-218 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
423.7766 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9264.0,1.00%,F,T)



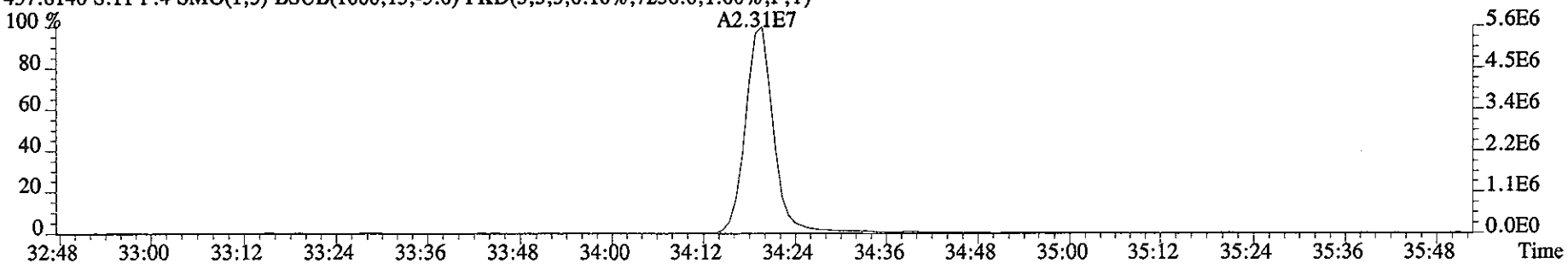
425.7737 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10944.0,1.00%,F,T)



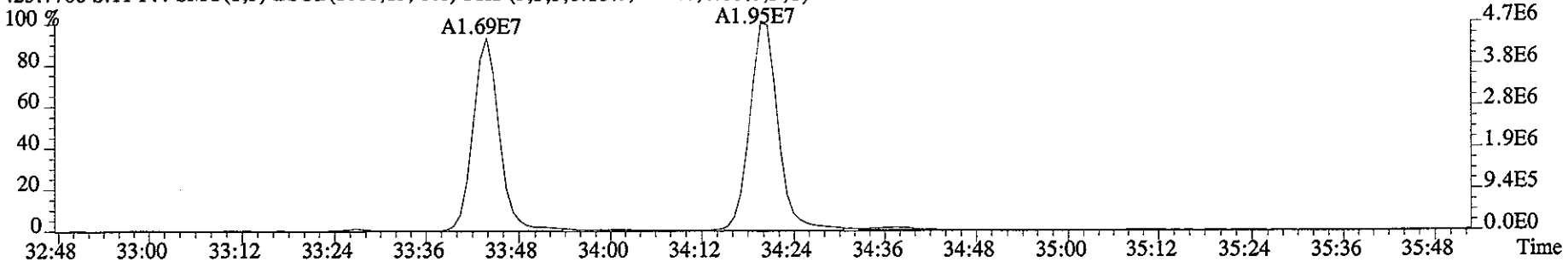
435.8169 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12772.0,1.00%,F,T)



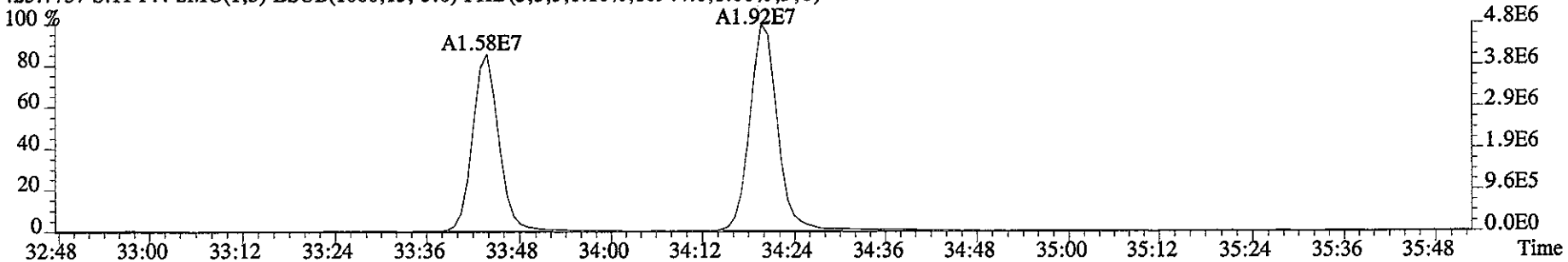
437.8140 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7256.0,1.00%,F,T)



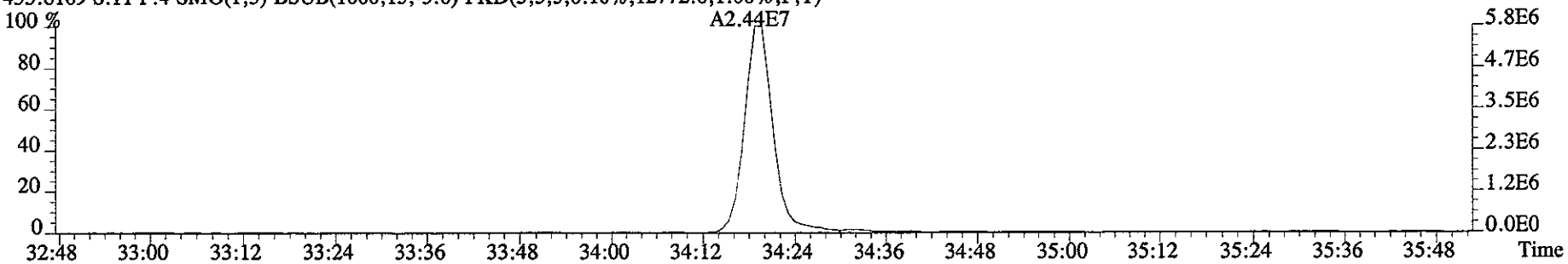
File:10JA061D5 #1-218 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
423.7766 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9264.0,1.00%,F,T)



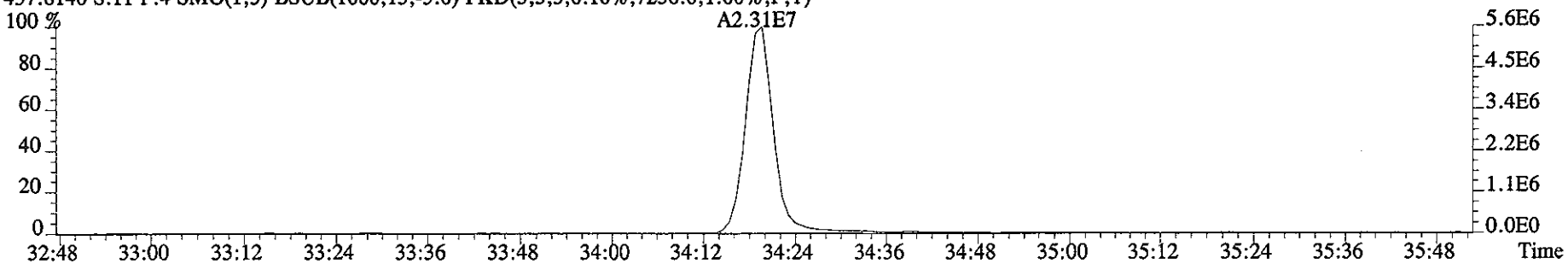
425.7737 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10944.0,1.00%,F,T)



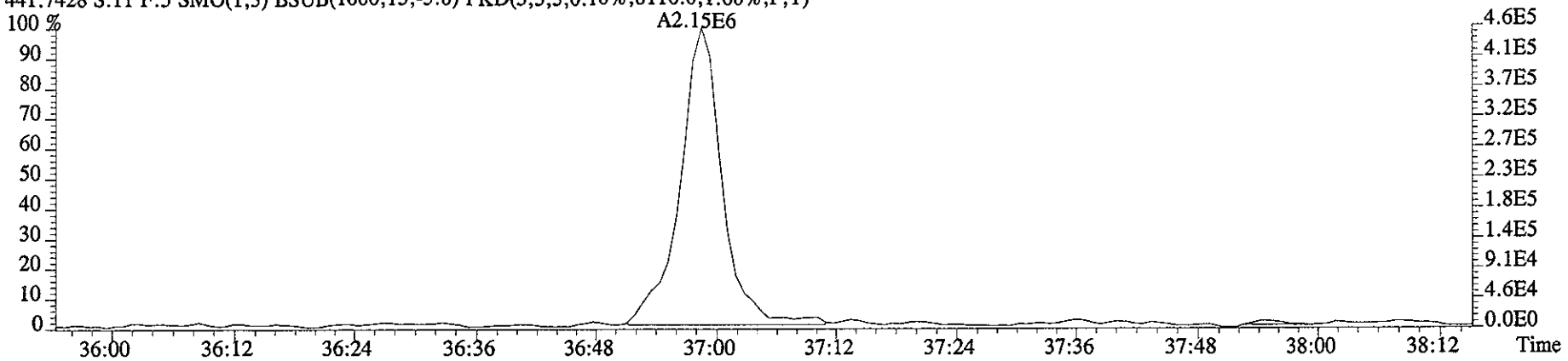
435.8169 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12772.0,1.00%,F,T)



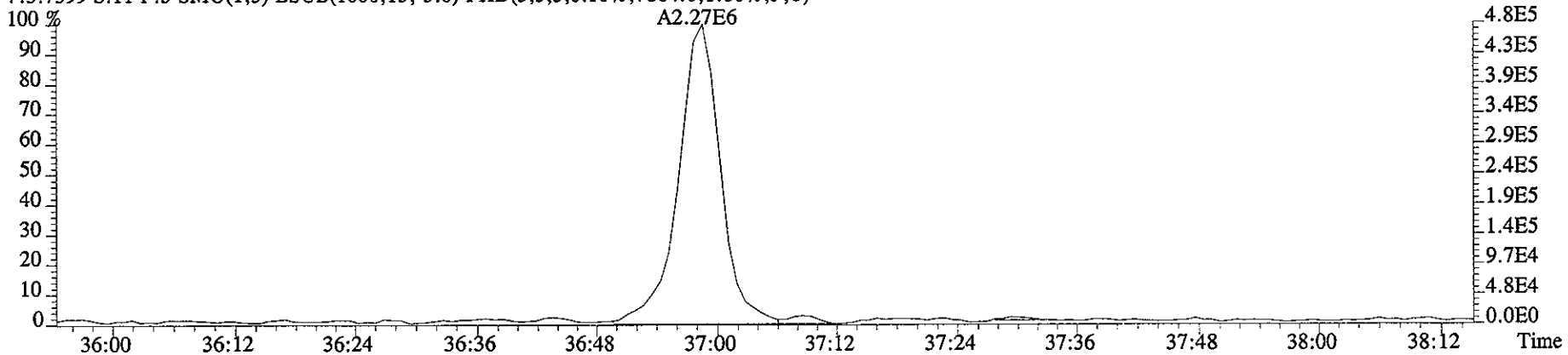
437.8140 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7256.0,1.00%,F,T)



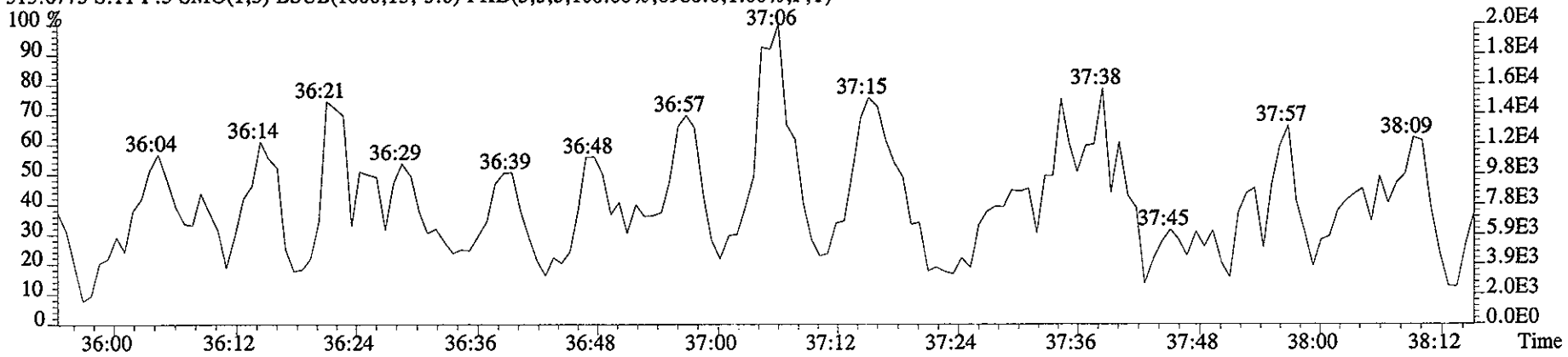
File:10JA061D5 #1-170 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
441.7428 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8116.0,1.00%,F,T)



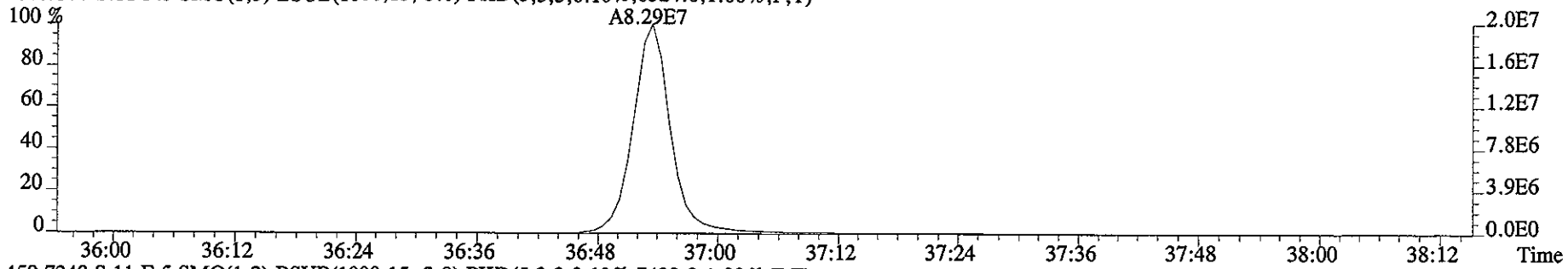
443.7399 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7864.0,1.00%,F,T)



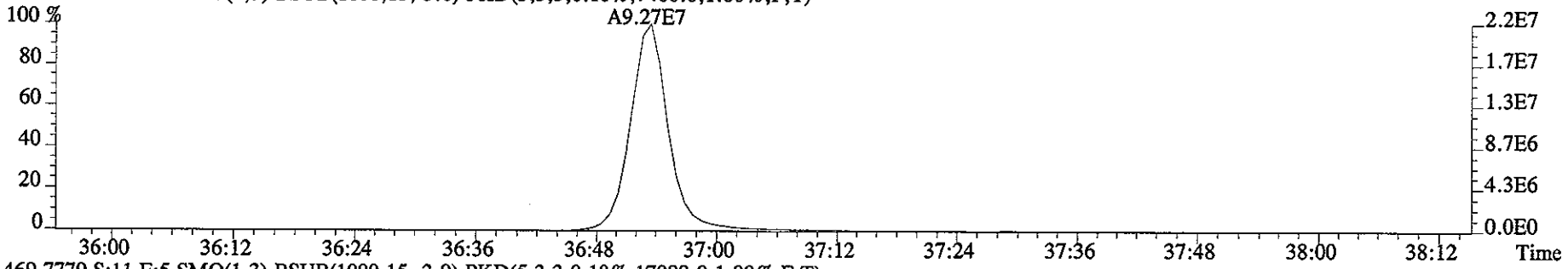
513.6775 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,8980.0,1.00%,F,T)



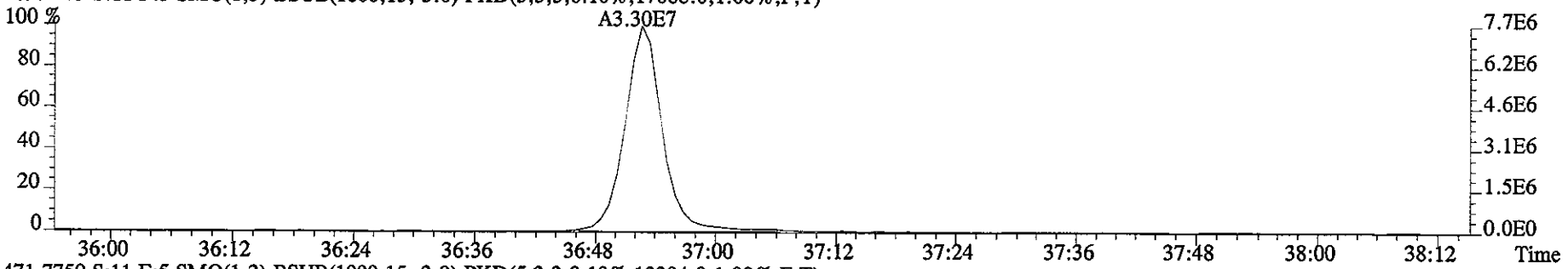
File:10JA061D5 #1-170 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
457.7377 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8524.0,1.00%,F,T)



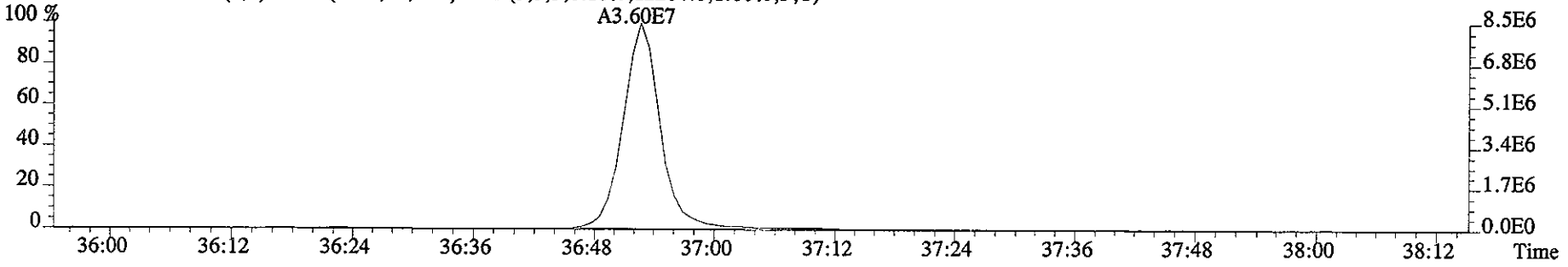
459.7348 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7400.0,1.00%,F,T)



469.7779 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17088.0,1.00%,F,T)

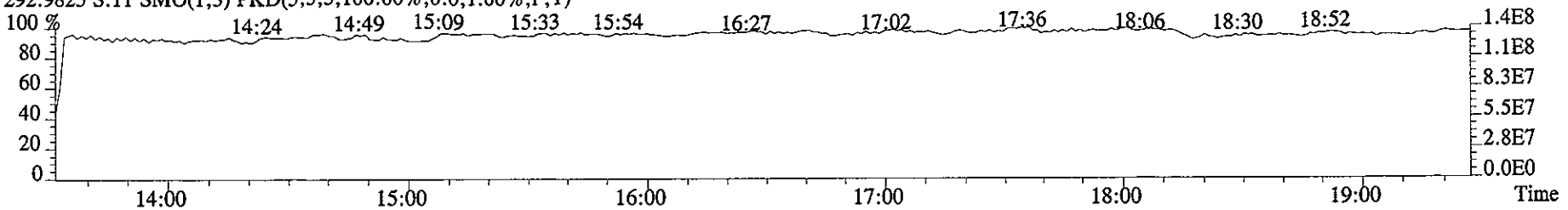


471.7750 S:11 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12204.0,1.00%,F,T)

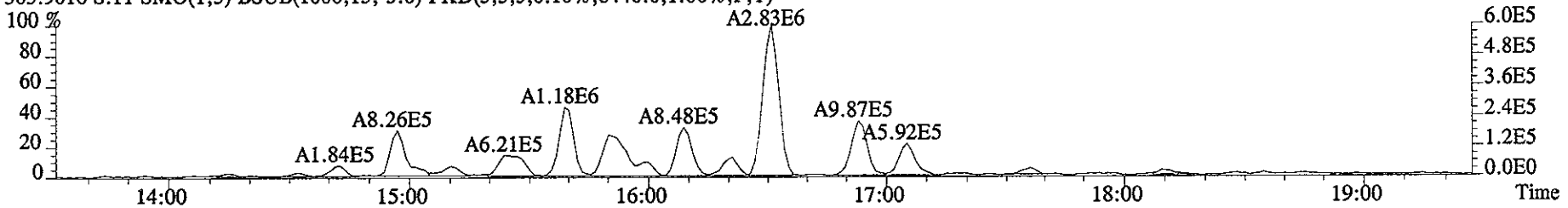


File:10JA061D5 #1-322 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN

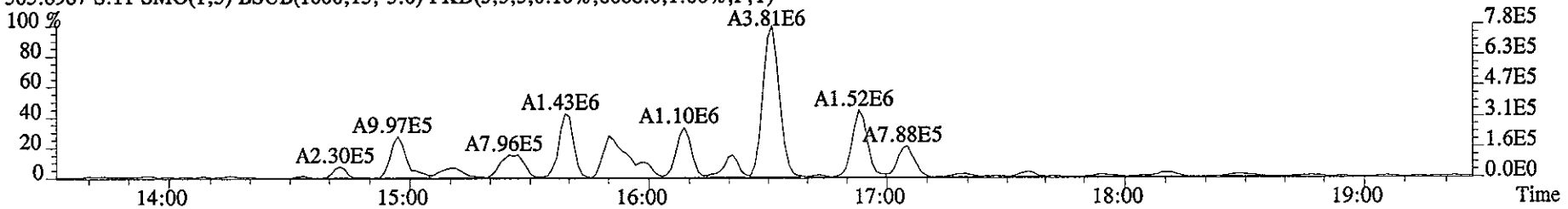
292.9825 S:11 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



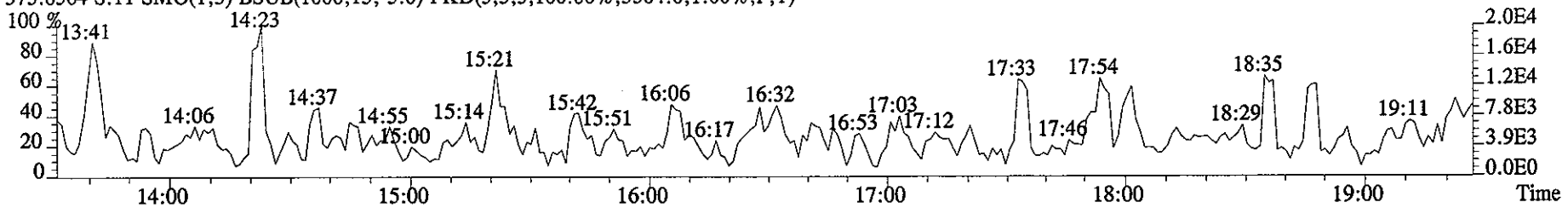
303.9016 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8440.0,1.00%,F,T)



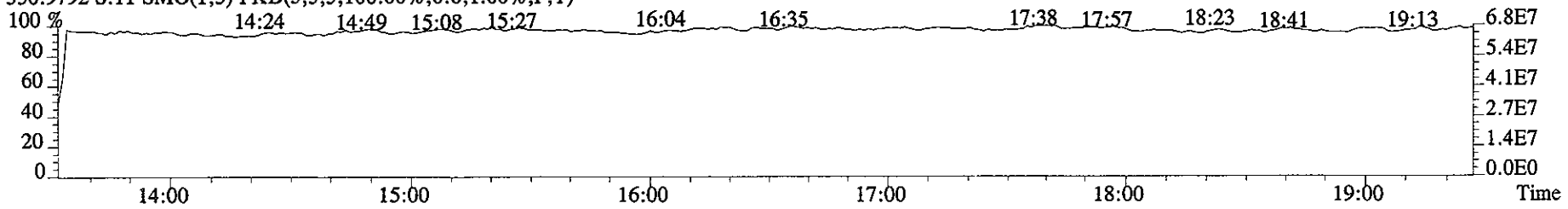
305.8987 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6668.0,1.00%,F,T)



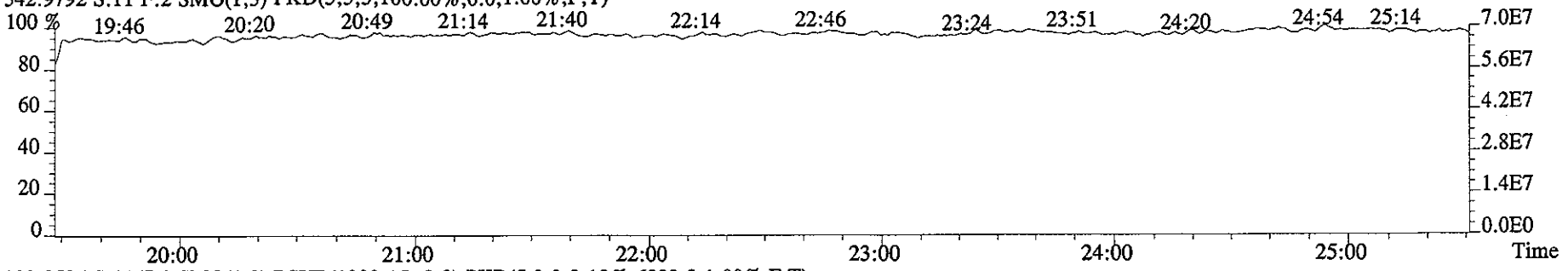
375.8364 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5504.0,1.00%,F,T)



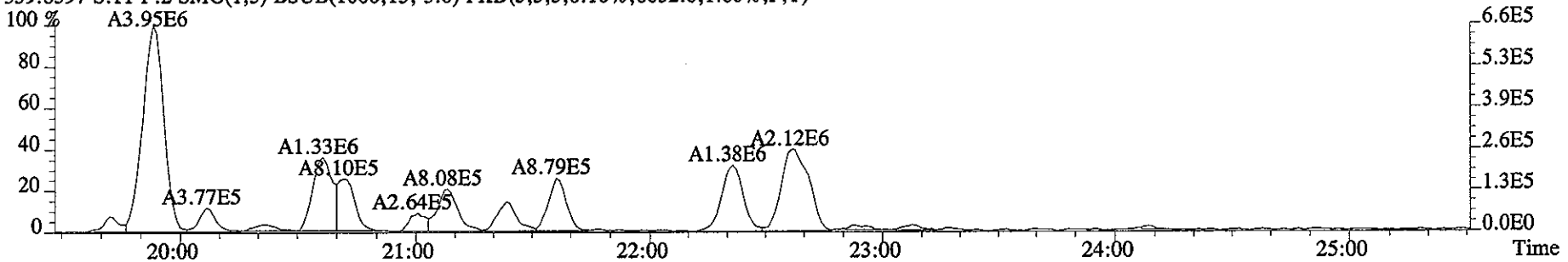
330.9792 S:11 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



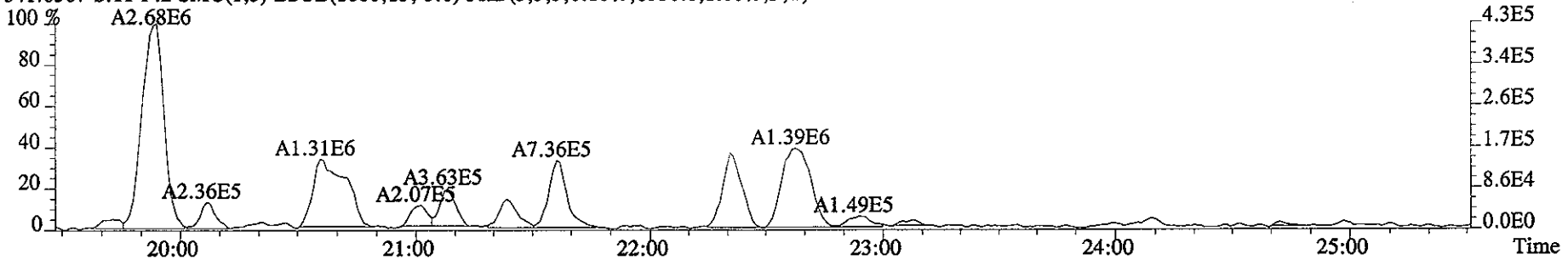
File:10JA061D5 #1-426 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
342.9792 S:11 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



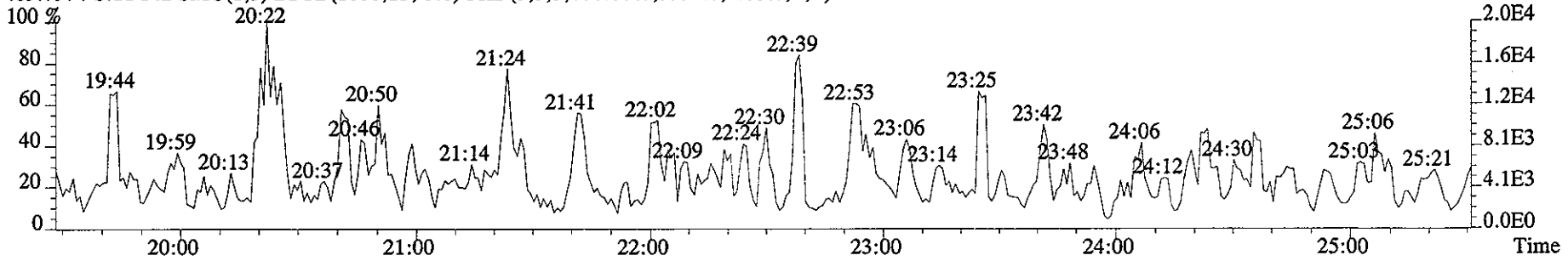
339.8597 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6032.0,1.00%,F,T)



341.8567 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8556.0,1.00%,F,T)

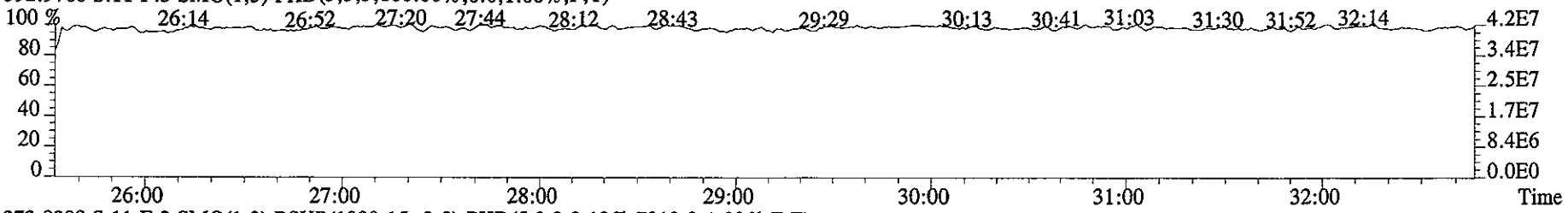


409.7974 S:11 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5332.0,1.00%,F,T)

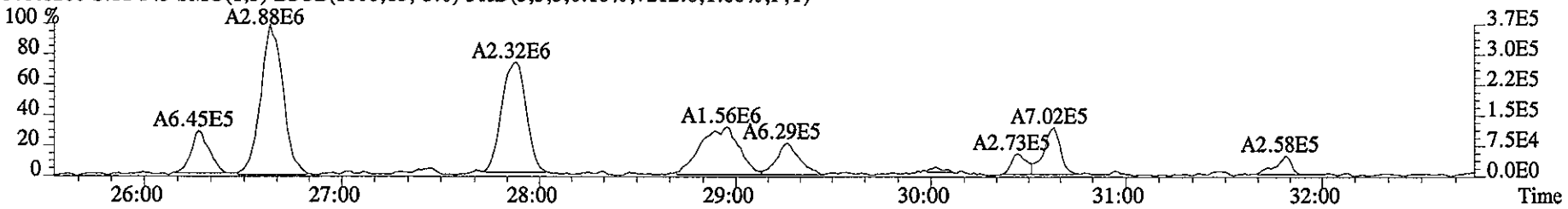


File:10JA061D5 #1-486 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN

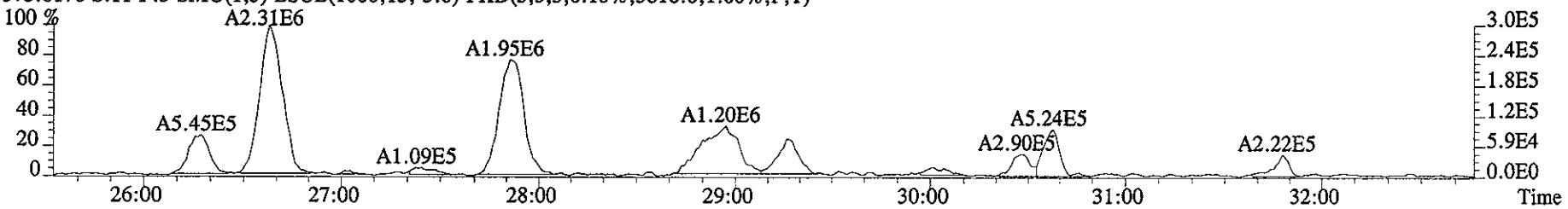
392.9760 S:11 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



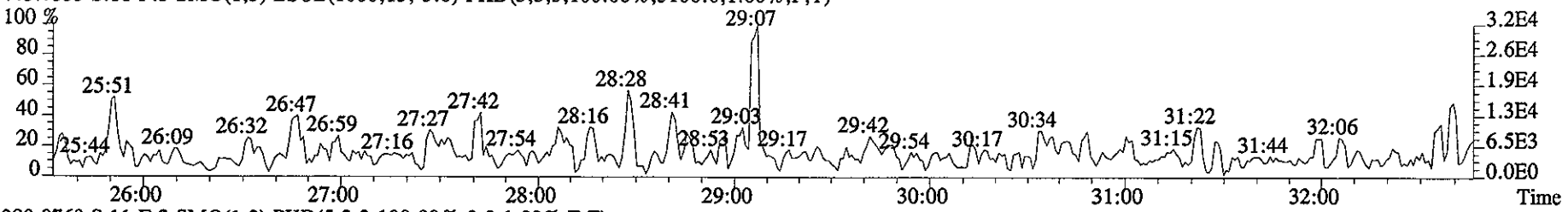
373.8208 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7212.0,1.00%,F,T)



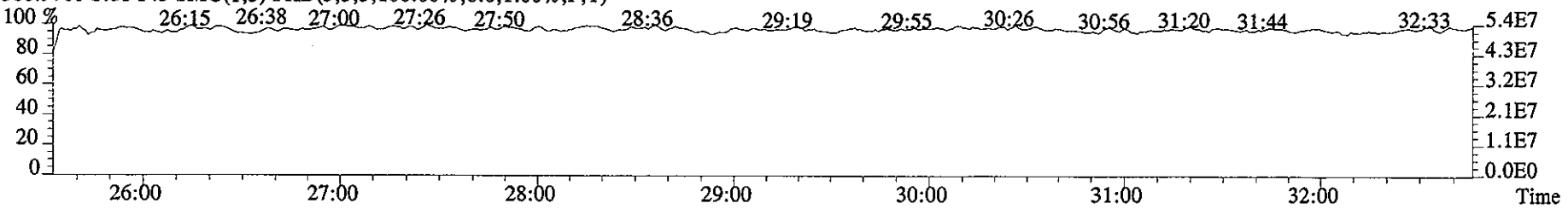
375.8178 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5816.0,1.00%,F,T)



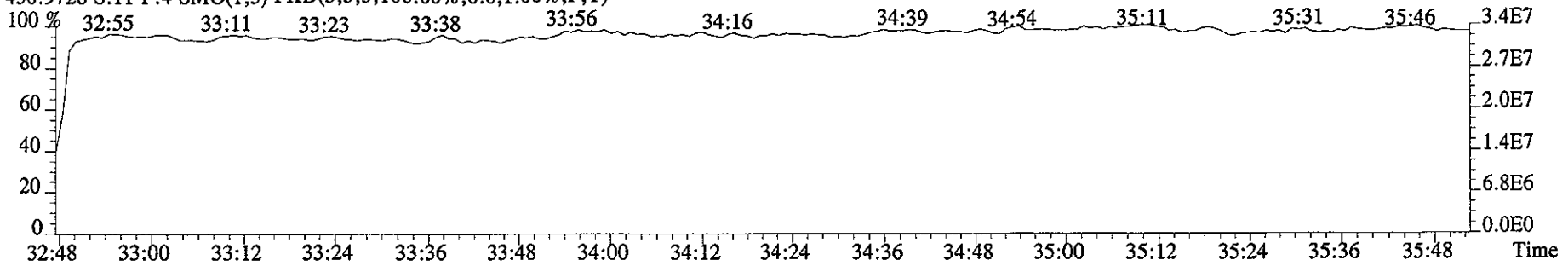
445.7555 S:11 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5100.0,1.00%,F,T)



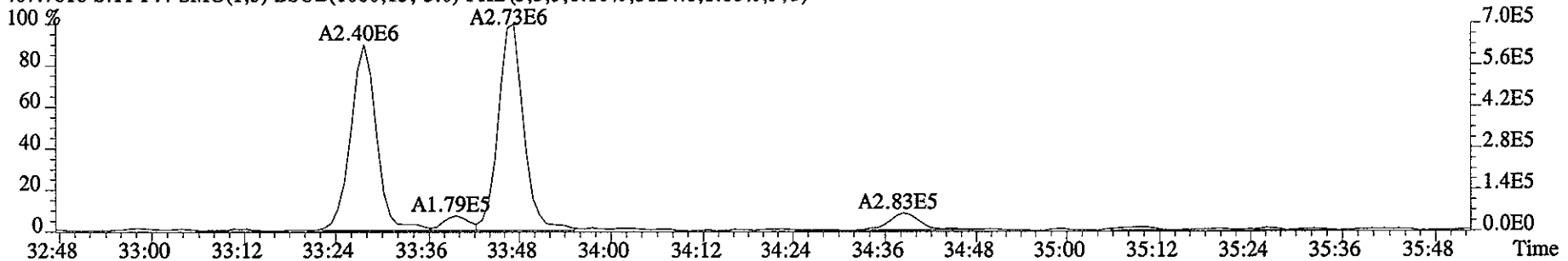
380.9760 S:11 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



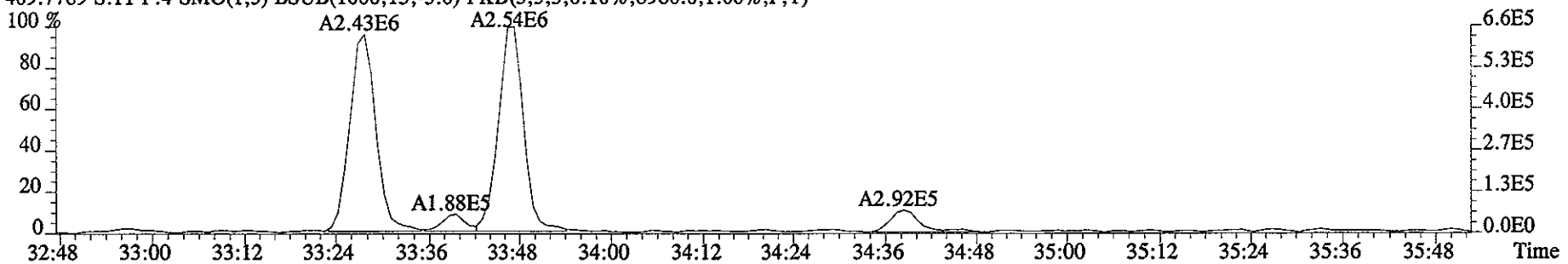
File:10JA061D5 #1-218 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
430.9728 S:11 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



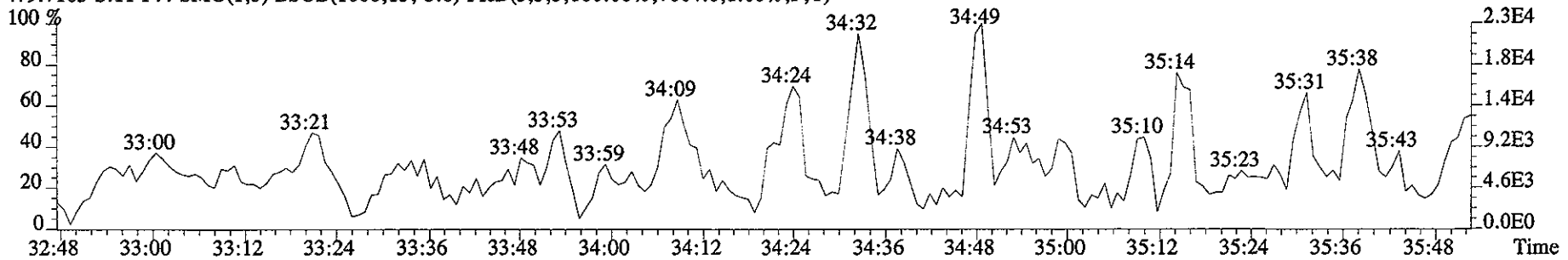
407.7818 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5624.0,1.00%,F,T)



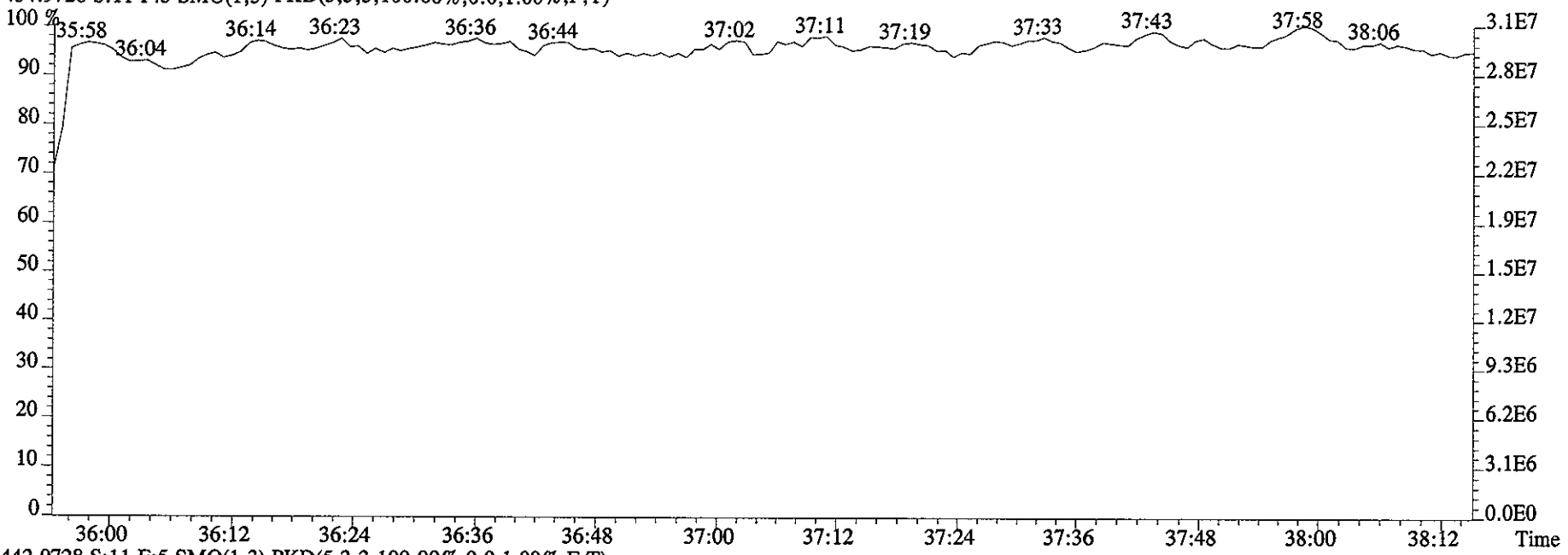
409.7789 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8980.0,1.00%,F,T)



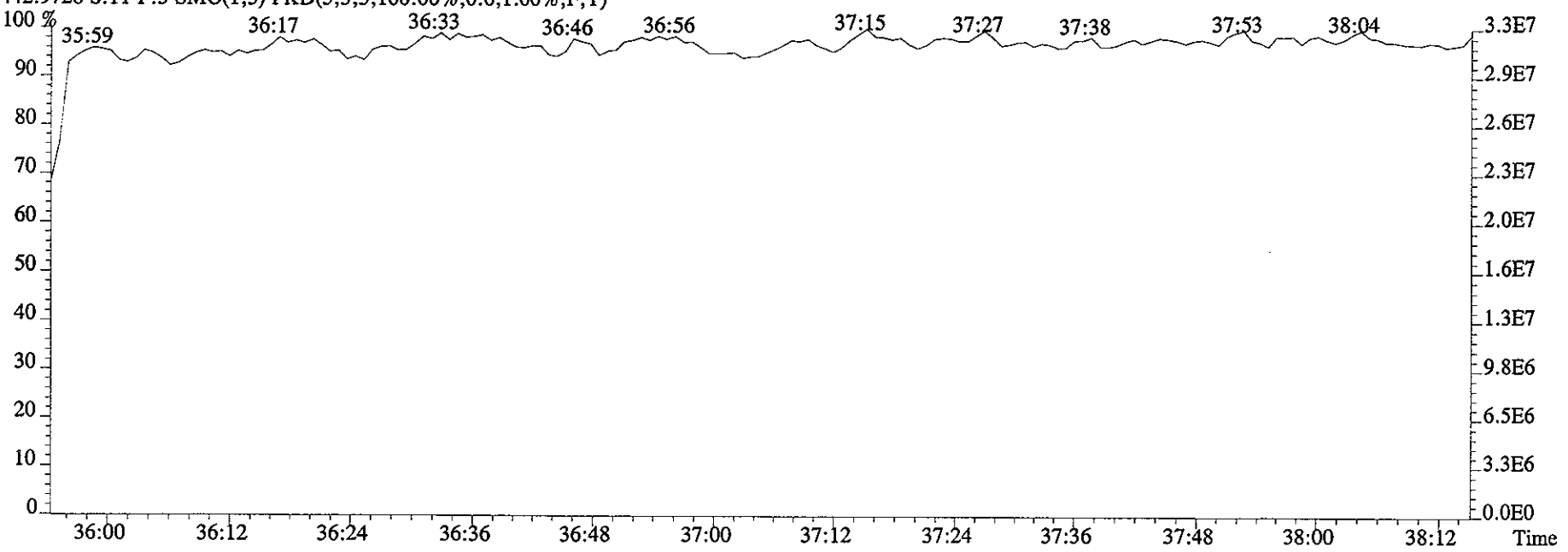
479.7165 S:11 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7064.0,1.00%,F,T)



File:10JA061D5 #1-170 Acq:10-JAN-2006 16:31:52 GC EI+ Voltage SIR 70SE
Sample#11 Text:HT1W3-1-AC :G5L300272-15 Exp:DIOXIN
454.9728 S:11 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:11 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



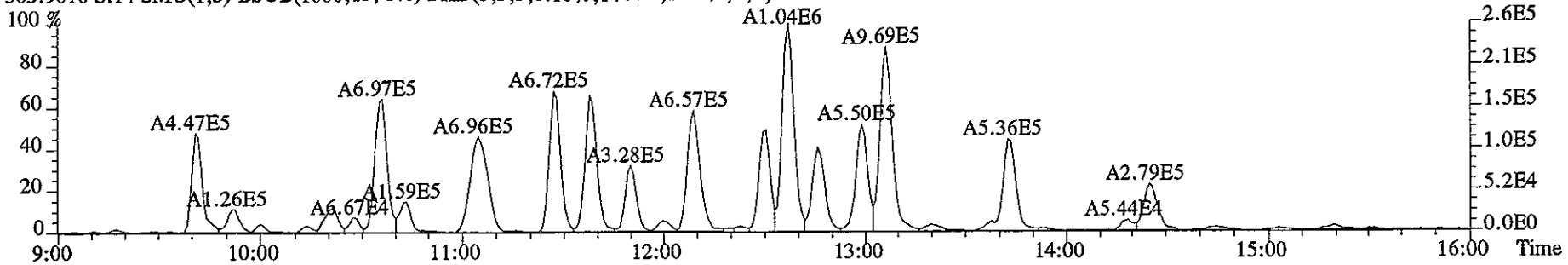
Run text: HT1W3-1-AC Sample text: HT1W3-1-AC :G5L300272-15
Run #17 Filename: 10JA067D2 S: 14 I: 1 Results: 10JA067D2DB225
Acquired: 10-JAN-06 17:38:32 Processed: 11-JAN-06 09:08:09
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 10.0000┐g

Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	78112100	0.79	y	11:40	-	4.00		-	-	n
13C-2,3,7,8-TCDF	104801700	0.80	y	12:36	1.50	179.47		0.22	89.7	n
2,3,7,8-TCDF	2348030	0.80	y	12:37	0.92	4.88	CDN	0.08	-	n
13C-2,3,7,8-TCDD	50279000	0.79	y	11:29	0.81	159.40		0.25	79.7	n
2,3,7,8-TCDD	1425101	0.75	y	11:30	1.23	4.60		0.12	-	n
37Cl-2,3,7,8-TCDD	57863600	1.00	y	11:30	1.96	75.46		0.04	94.3	n

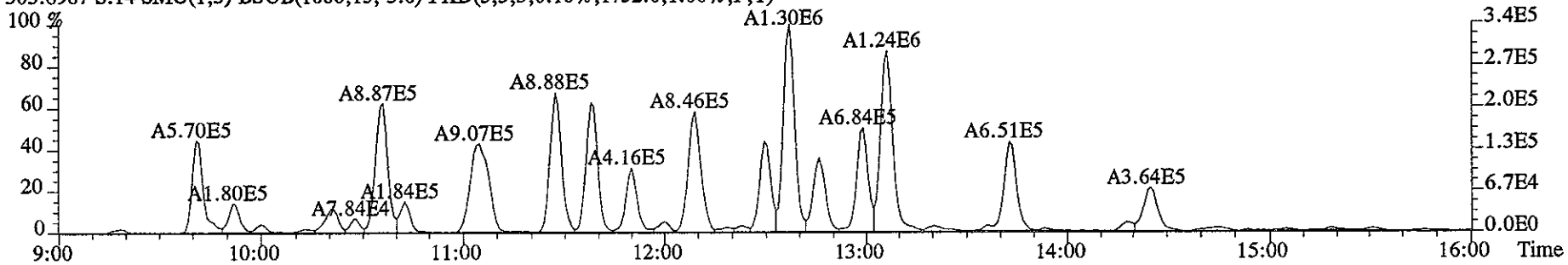
1/18

File:10JA067D2 #1-1169 Acq:10-JAN-2006 17:38:32 GC EI+ Voltage SIR 70S
Sample#14 Text:HT1W3-1-AC :G5L300272-15 Exp:DB225

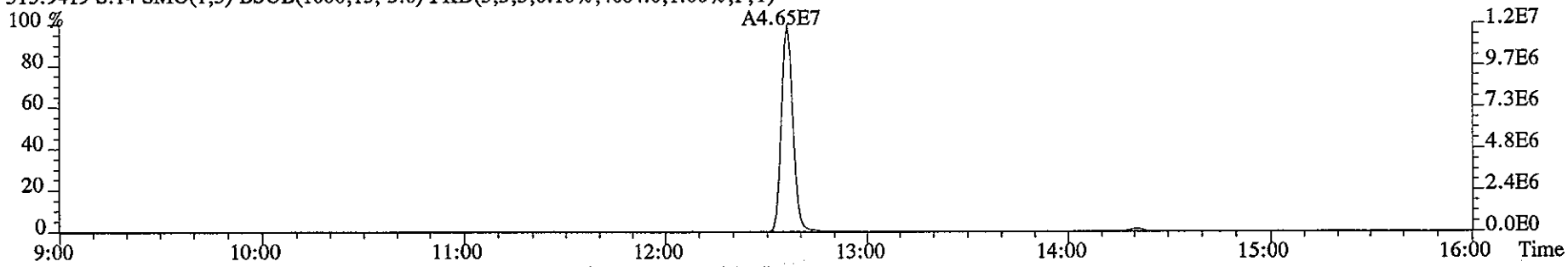
303.9016 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1444.0,1.00%,F,T)



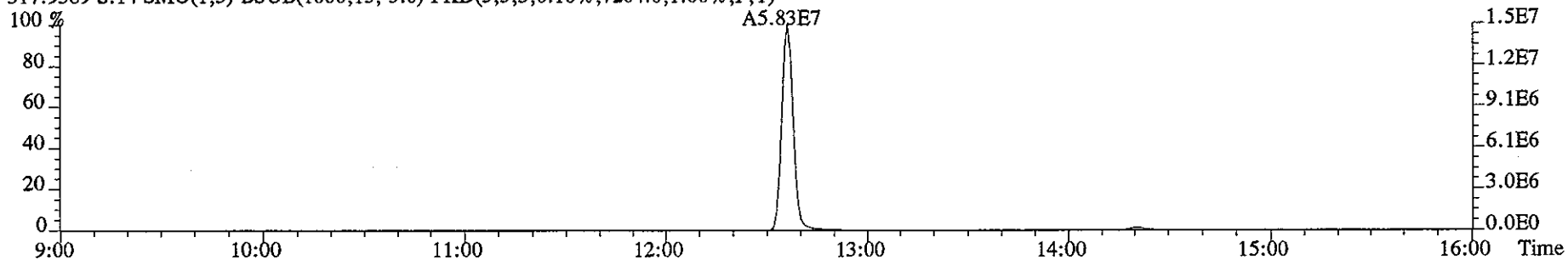
305.8987 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1732.0,1.00%,F,T)



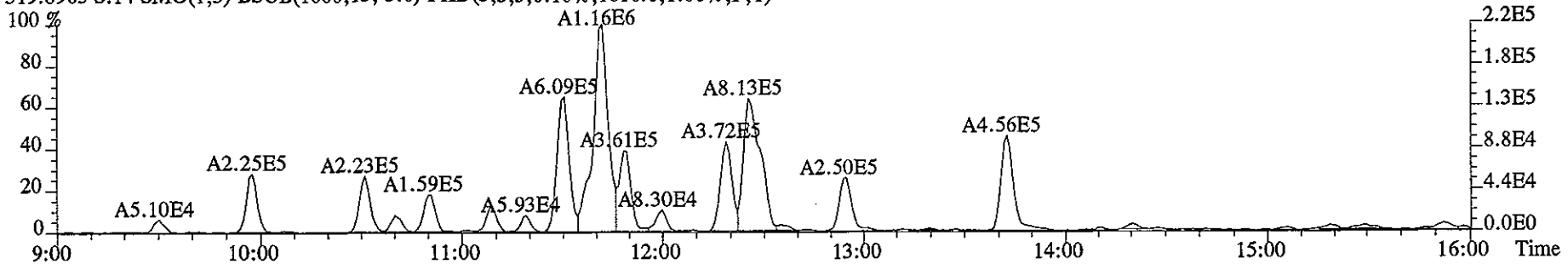
315.9419 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4684.0,1.00%,F,T)



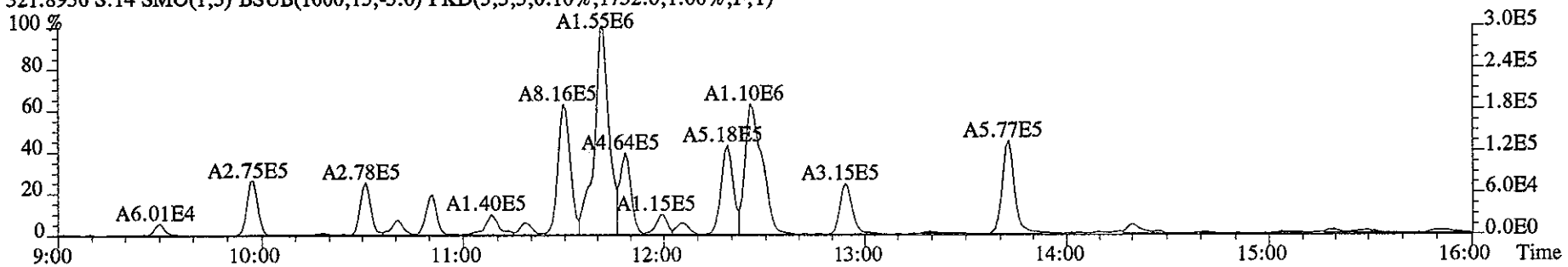
317.9389 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7204.0,1.00%,F,T)



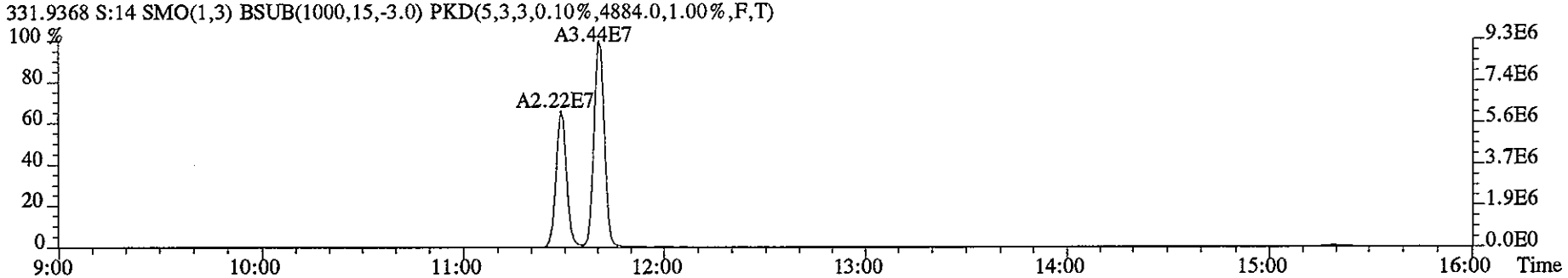
File:10JA067D2 #1-1169 Acq:10-JAN-2006 17:38:32 GC EI+ Voltage SIR 70S
Sample#14 Text:HT1W3-1-AC :G5L300272-15 Exp:DB225
319.8965 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1616.0,1.00%,F,T)



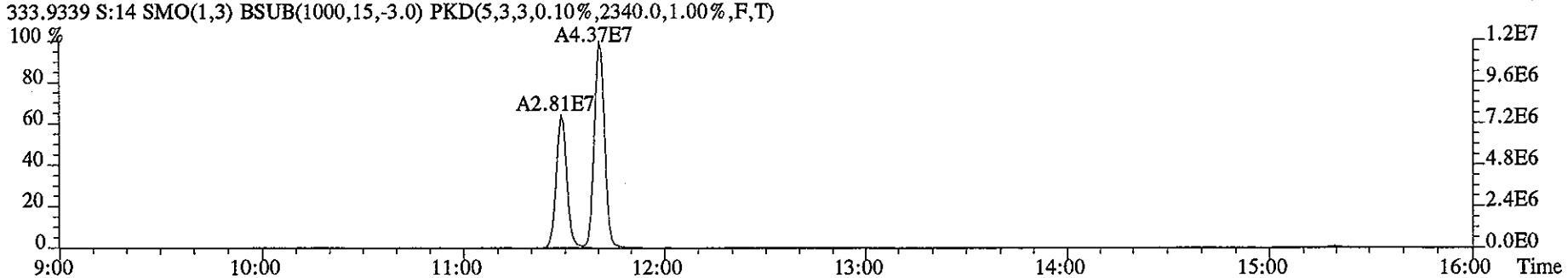
321.8936 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1732.0,1.00%,F,T)



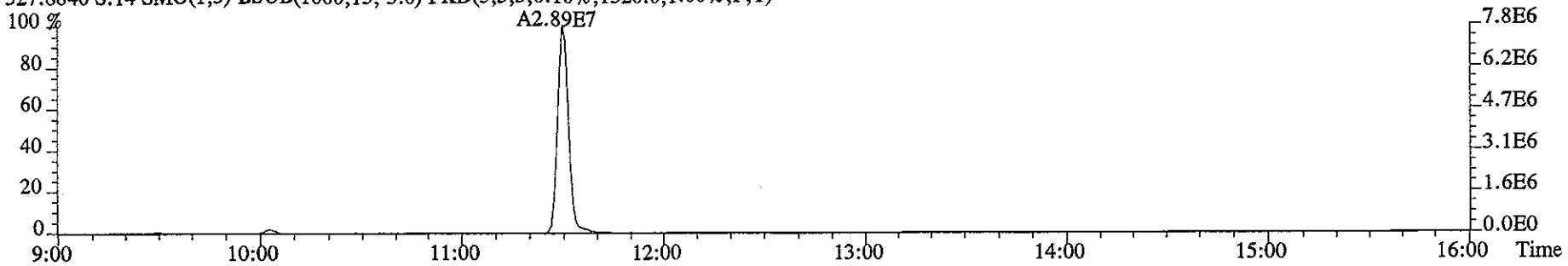
331.9368 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4884.0,1.00%,F,T)



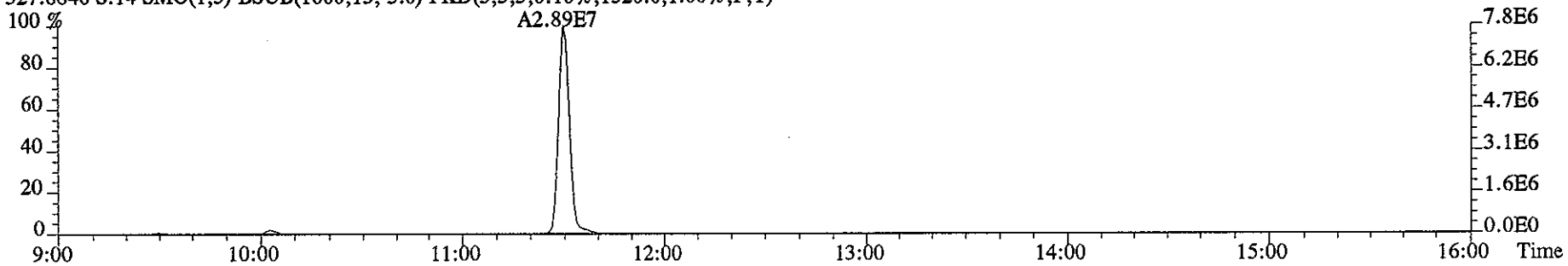
333.9339 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2340.0,1.00%,F,T)



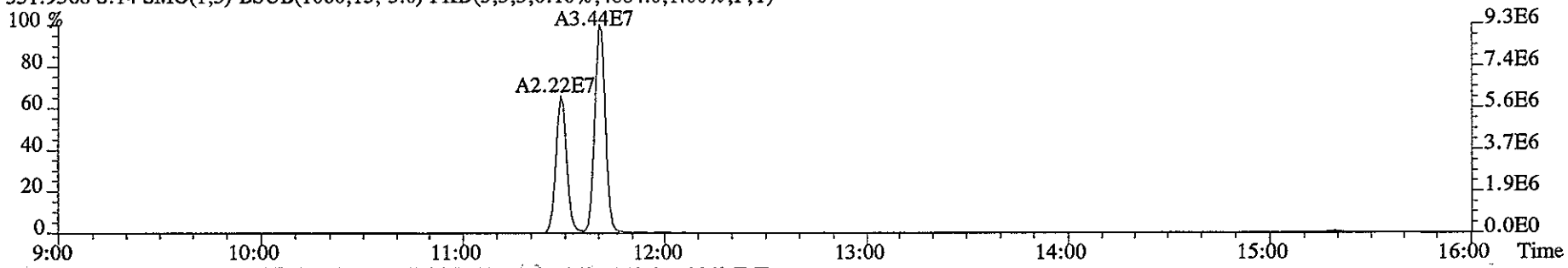
File:10JA067D2 #1-1169 Acq:10-JAN-2006 17:38:32 GC EI+ Voltage SIR 70S
Sample#14 Text:HT1W3-1-AC :G5L300272-15 Exp:DB225
327.8840 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1520.0,1.00%,F,T)



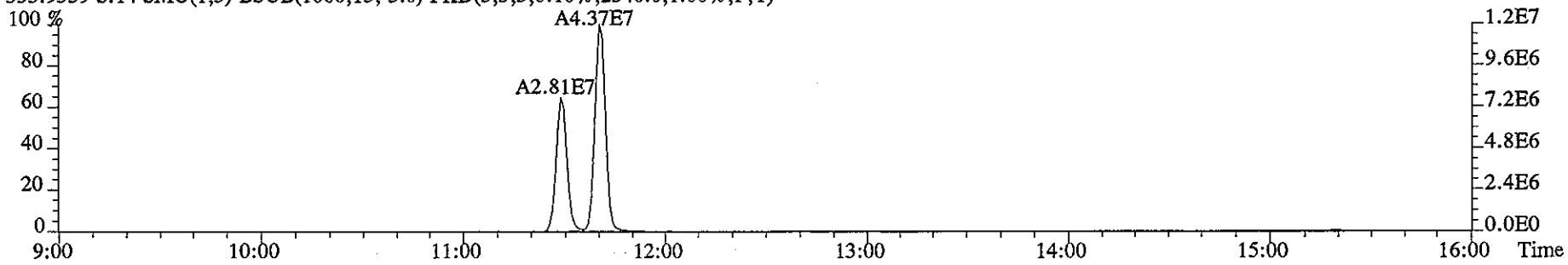
327.8840 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1520.0,1.00%,F,T)



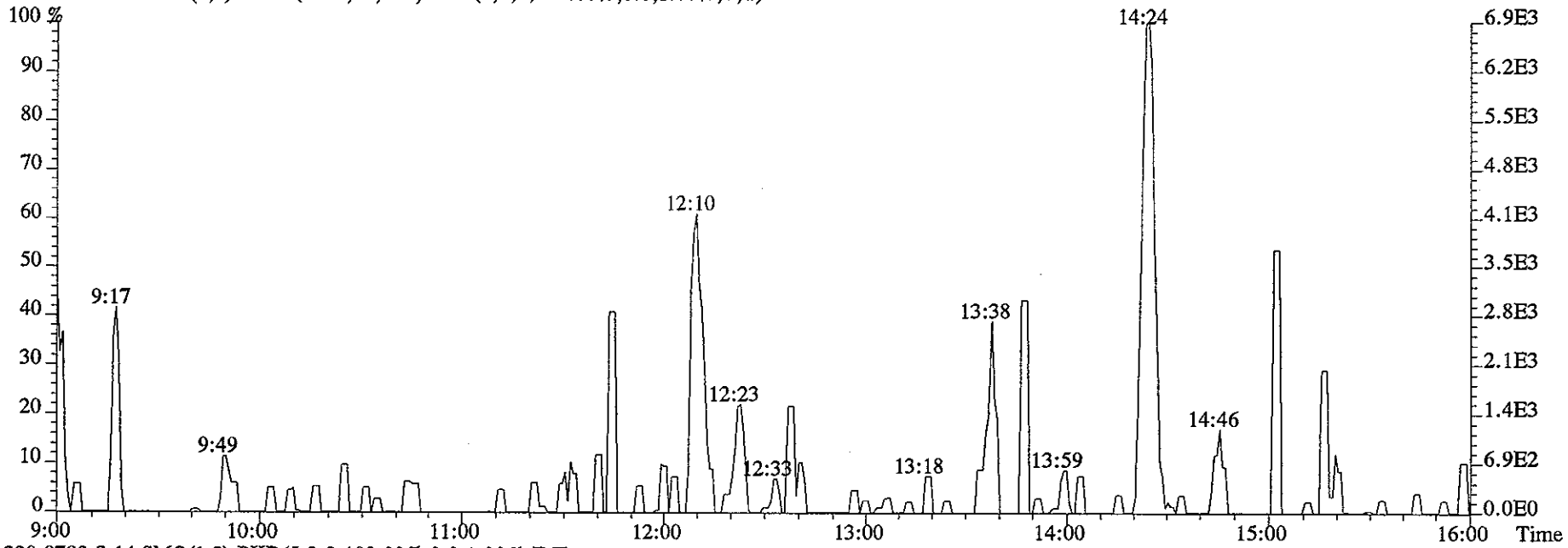
331.9368 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4884.0,1.00%,F,T)



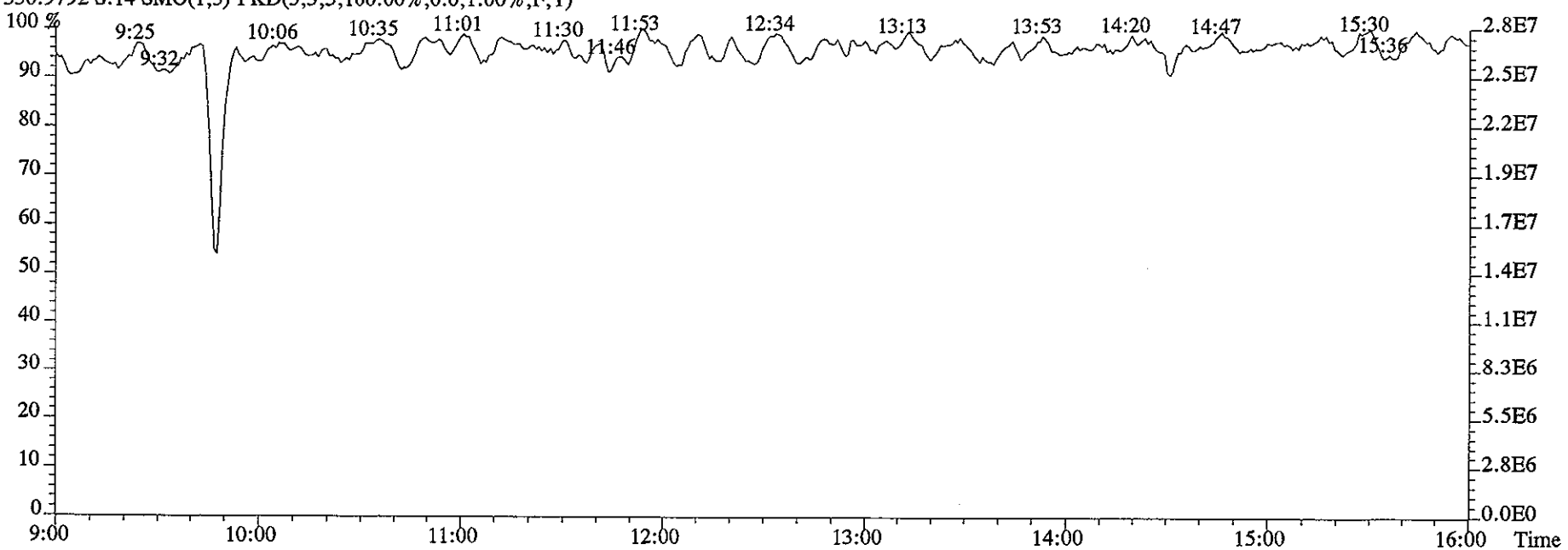
333.9339 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2340.0,1.00%,F,T)



File:10JA067D2 #1-1169 Acq:10-JAN-2006 17:38:32 GC EI+ Voltage SIR 70S
Sample#14 Text:HT1W3-1-AC :G5L300272-15 Exp:DB225
375.8364 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



330.9792 S:14 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



SEVERN TRENT STL

STL SACRAMENTO
Daily Standard Checklist
High Resolution Mass Spectrometry

Method ID 8290 **Associated ICAL** 8290120905 105

Column ID DB5 **Instrument ID** 105

STD ID STD110 **STD Solution** 2565-41C

Analyzed by STD110, STD111 **Date Analyzed** 1/10/06, 1/11/06

Std. Pkg. By M.G. **Date Std. Pkg. Assembled** 1/12/06

Std. Pkg. Reviewed By SMA **Date Std. Pkg. Reviewed** 1/12/06

DAILY STANDARD PACKAGE	INITIATED	REVIEWED
Standard, CPSM, and Solvent Blank present?	✓	✓
Copy of log-file and Beginning Static Resolution present?	✓	✓
CPSM blow up present?	✓	✓
Curve Summary present?	✓	✓
Summary of Method criteria present or documented below?	✓	✓
Daily standard within method specified limits?*	✓(1)	✓(1)
Analyte retention times correct?	✓	✓
Isotopic ratios within limits?	✓	✓
CPSM valley ≤ method specified limits?**	✓	✓
Are chromatographic windows correct?	✓	✓
Samples analyzed within 12 hrs of daily standard?	✓	✓
Manual reintegration's checked and hardcopies included?	NA	NA
Ending Standard and Ending Static Resolutions present?	✓(2)	✓(2)

COMMENTS: (1) -22.8 % dev. for 1,2,3,7,8,9-HxCDF in ending standard, ∴ use ave. RRF of 0.82. -31.6% dev. for 13C-OCDD in ending standard, ∴ use ave. RRF of 0.64. NCM #07-52762

(2) Ending standard acquired after recalibrating but not retuning.

* Method 8290: (beginning) +/- 20% from curve RRFs for native analytes, +/- 30% from curve RRFs for labeled compounds.
Method 8290: (ending) +/- 25% from curve RRFs for native analytes, +/- 35% from curve RRFs for labeled compounds.
Method 8290 (GB): +/- 30% from curve RRFs for native analytes.
Method 23: See Method 23 Daily Standard Criteria, Table 5.
Method 1613A/1613B: See Method 1613A, Method 1613B or Method 1613B Tetras Daily Standard Criteria,
PAH: +/- 30% from curve RRFs for native and labeled compounds.
PCB: +/- 30% or 40% (analyte dependent) from curve RRFs for native, +/- 50% from curve RRFs for labeled compounds.
NCASI 551: +/-20% from curve RRFs for native and labeled compounds.
DBD/DBF: +/-30% from curve RRFs for native analytes; +/- 40% from curve RRFs for labeled compounds.

** Method 23 CPSM Criteria: 25% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and the closest eluters normalized at the smallest peak height of the three peaks (with the 2378 peak being the middle peak).
551/1613A/1613B/8290 CPSM Criteria: 25% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and its closest eluters normalized to the 2378 peak.
GB CPSM Criteria: 30% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and its closest eluters normalized to the 2378 peak.

QA-231 TSJ 04/02

Run text: ST0110 File text: ST0110 :CS3 2565-41C
Run #6 Filename 10JA061D5 S: 1 I: 1
Acquired: 10-JAN-06 09:33:16 Processed: 10-JAN-06 16:04:15
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D58290

Name	Resp	RA		RT	RRF	Amount	Dev'n	Mod?
13C-1,2,3,4-TCDD	58232100	0.79	y	16:53	-	100.00	-	n
13C-2,3,7,8-TCDF	93981400	0.79	y	16:23	1.61	100.00	-4.1	n
2,3,7,8-TCDF	9428070	0.76	y	16:24	1.00	10.00	-13.7	n
Total TCDF	9617543	0.82	y	16:03	1.00	10.00	-13.7	n
13C-2,3,7,8-TCDD	51481700	0.82	y	17:03	0.88	100.00	-1.3	n
2,3,7,8-TCDD	7093220	0.78	y	17:04	1.38	10.00	4.2	n
Total TCDD	7093220	0.78	y	17:04	1.38	10.00	4.2	n
37Cl-2,3,7,8-TCDD	14019820	1.00	y	17:04	2.41	10.00	-1.5	n
13C-1,2,3,7,8-PeCDF	73434500	1.61	y	21:04	1.26	100.00	-18.4	n
1,2,3,7,8-PeCDF	34541700	1.55	y	21:06	0.94	50.00	-6.3	n
2,3,4,7,8-PeCDF	35145700	1.52	y	22:20	0.96	50.00	-8.7	n
Total F2 PeCDF	70302117	1.00	n	19:49	0.95	100.00	-7.6	n
Total F1 PeCDF	*	*	n	NotFnd	0.95	100.00	-7.6	n
13C-1,2,3,7,8-PeCDD	51167500	1.58	y	22:59	0.88	100.00	-3.9	n
1,2,3,7,8-PeCDD	24446260	1.57	y	23:00	0.96	50.00	-8.4	n
Total PeCDD	24446260	1.57	y	23:00	0.96	50.00	-8.4	n
13C-1,2,3,7,8,9-HxCDD	37954900	1.24	y	31:26	-	100.00	-	n
13C-1,2,3,4,7,8-HxCDF	52580200	0.52	y	28:54	1.39	100.00	0.2	n
1,2,3,4,7,8-HxCDF	26275900	1.23	y	28:55	1.00	50.00	-10.0	n
1,2,3,6,7,8-HxCDF	27718100	1.23	y	29:14	1.05	50.00	-7.5	n
2,3,4,6,7,8-HxCDF	24155400	1.29	y	30:35	0.92	50.00	-13.7	n
1,2,3,7,8,9-HxCDF	22342230	1.24	y	31:41	0.85	50.00	-16.6	n
Total HxCDF	100491630	1.23	y	28:55	0.96	200.00	-11.8	n
13C-1,2,3,6,7,8-HxCDD	40585000	1.29	y	31:00	1.07	100.00	11.7	n
1,2,3,4,7,8-HxCDD	17456640	1.25	y	30:52	0.86	50.00	-9.8	n
1,2,3,6,7,8-HxCDD	19458960	1.19	y	31:01	0.96	50.00	-4.2	n
1,2,3,7,8,9-HxCDD	18702350	1.33	y	31:27	0.92	50.00	-11.7	n
Total HxCDD	55617950	1.25	y	30:52	0.91	150.00	-8.6	n
13C-1,2,3,4,6,7,8-HpCDF	39112700	0.45	y	33:26	1.03	100.00	-8.8	n
1,2,3,4,6,7,8-HpCDF	24330700	1.05	y	33:27	1.24	50.00	-5.1	n
1,2,3,4,7,8,9-HpCDF	21123700	1.09	y	34:38	1.08	50.00	-9.3	n
Total HpCDF	45629520	1.05	y	33:27	1.16	100.00	-7.1	n
13C-1,2,3,4,6,7,8-HpCDD	35241400	1.04	y	34:18	0.93	100.00	-7.0	n
1,2,3,4,6,7,8-HpCDD	16695450	1.04	y	34:19	0.95	50.00	-0.1	n
Total HpCDD	17124714	1.72	n	33:26	0.95	50.00	-0.1	n
13C-OCDD	55132400	0.89	y	36:51	0.73	200.00	-10.3	n
OCDF	32662800	0.92	y	36:57	1.18	100.00	-10.1	n
OCDD	26798300	0.88	y	36:52	0.97	100.00	-3.3	n

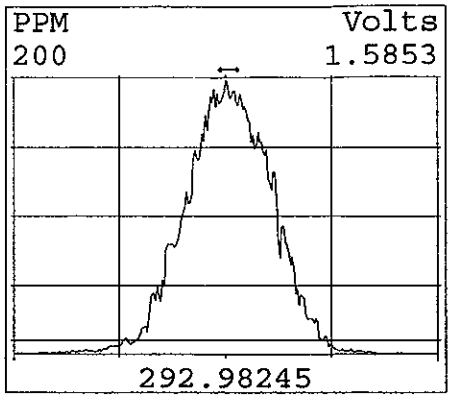
Run text: ST0111 File text: ST0111 :CS3 2565-41C
Run #6 Filename 11JA061D5 S: 1 I: 1
Acquired: 11-JAN-06 08:41:06 Processed: 11-JAN-06 20:29:18
Run: 11JA061D5 Analyte: TO9 Cal: TO91209051D5 Results: 11JA061D5TO9

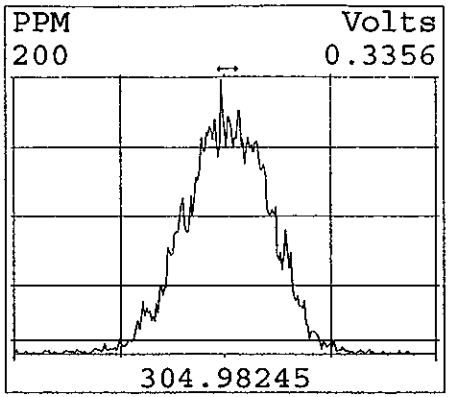
Name	Resp	RA		RT	RRF	Amount	Dev'n	Mod?
13C-1,2,3,4-TCDD	78486200	0.82	y	16:54	-	100.00	-	n
13C-2,3,7,8-TCDF	127741300	0.79	y	16:26	1.63	100.00	-3.3	n
2,3,7,8-TCDF	12590960	0.75	y	16:27	0.99	10.00	-15.2	n
Total TCDF	12807048	0.86	y	16:06	0.99	10.00	-15.2	n
13C-2,3,7,8-TCDD	69473300	0.79	y	17:05	0.89	100.00	-1.2	n
2,3,7,8-TCDD	9175820	0.77	y	17:07	1.32	10.00	-0.1	n
Total TCDD	9197010	0.77	y	17:07	1.32	10.00	-0.1	n
37Cl-2,3,7,8-TCDD	18543880	1.00	y	17:07	2.67	10.00	-2.1	n
13C-1,2,3,7,8-PeCDF	95426100	1.54	y	21:07	1.22	100.00	-21.3	n
1,2,3,7,8-PeCDF	43555700	1.57	y	21:08	0.91	50.00	-9.1	n
2,3,4,7,8-PeCDF	43716900	1.49	y	22:22	0.92	50.00	-12.6	n
Total F2 PeCDF	87852471	1.57	y	21:08	0.91	100.00	-10.9	n
Total F1 PeCDF	*	*	n	NotFnd	0.91	100.00	-10.9	n
13C-1,2,3,7,8-PeCDD	61836500	1.57	y	23:01	0.79	100.00	-13.8	n
1,2,3,7,8-PeCDD	30059700	1.55	y	23:03	0.97	50.00	-6.8	n
Total PeCDD	30240094	1.57	y	21:07	0.97	50.00	-6.8	n
13C-1,2,3,7,8,9-HxCDD	47413500	1.26	y	31:28	-	100.00	-	n
13C-1,2,3,4,7,8-HxCDF	66558000	0.51	y	28:57	1.40	100.00	1.5	n
1,2,3,4,7,8-HxCDF	32494300	1.25	y	28:59	0.98	50.00	-12.1	n
1,2,3,6,7,8-HxCDF	33960700	1.24	y	29:18	1.02	50.00	-10.5	n
2,3,4,6,7,8-HxCDF	29321500	1.25	y	30:37	0.88	50.00	-17.2	n
1,2,3,7,8,9-HxCDF	26167300	1.24	y	31:43	0.79	50.00	-22.8	n
Total HxCDF	121992689	3.49	n	26:39	0.92	200.00	-15.4	n
13C-1,2,3,6,7,8-HxCDD	47017800	1.20	y	31:02	0.99	100.00	3.6	n
1,2,3,4,7,8-HxCDD	20916430	1.27	y	30:54	0.89	50.00	-6.7	n
1,2,3,6,7,8-HxCDD	22719230	1.27	y	31:03	0.97	50.00	-3.5	n
1,2,3,7,8,9-HxCDD	22567370	1.31	y	31:29	0.96	50.00	-8.0	n
Total HxCDD	66203030	1.27	y	30:54	0.94	150.00	-6.1	n
13C-1,2,3,4,6,7,8-HpCDF	39967200	0.47	y	33:27	0.84	100.00	-25.4	n
1,2,3,4,6,7,8-HpCDF	25022000	1.03	y	33:28	1.25	50.00	-4.5	n
1,2,3,4,7,8,9-HpCDF	21105100	1.03	y	34:39	1.06	50.00	-11.3	n
Total HpCDF	46127100	1.03	y	33:28	1.15	100.00	-7.7	n
13C-1,2,3,4,6,7,8-HpCDD	35870400	1.02	y	34:19	0.76	100.00	-24.2	n
1,2,3,4,6,7,8-HpCDD	17052110	1.00	y	34:20	0.95	50.00	0.2	n
Total HpCDD	17117133	4.33	n	33:27	0.95	50.00	0.2	n
13C-OCDD	52512900	0.92	y	36:53	0.55	200.00	-31.6	n
OCDF	31090200	0.90	y	36:59	1.18	100.00	-10.2	n
OCDD	25914500	0.91	y	36:54	0.99	100.00	-1.8	n

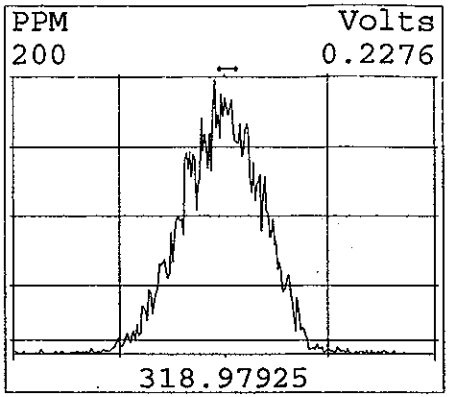
Data file	Smp	Work Order	Sample ID	FV-uL	Method/Matrix	Box	Size	U
10JA061D5	1	ST0110	CS3 2565-41C				1.000	
10JA061D5	2	CP0110	DB-5 CPSM 2565-47				1.000	
10JA061D5	3	SB0110	Solvent Blank C-14				1.000	
10JA061D5	4	HT1WK-1-AC	G5L300272-5	20	8290/SOLID	26	10.000	g
10JA061D5	5	HT1WL-1-AC	G5L300272-6	20	8290/SOLID		10.000	g
10JA061D5	6	HT1WP-1-AC	G5L300272-8	20	8290/SOLID		10.000	g
10JA061D5	7	HT1WR-1-AC	G5L300272-9	20	8290/SOLID		10.000	g
10JA061D5	8	HT1WT-1-AC	G5L300272-10	20	8290/SOLID		10.000	g
10JA061D5	9	HT1WW-1-AC	G5L300272-11	20	8290/SOLID		10.000	g
10JA061D5	10	HT1W1-1-AC	G5L300272-14	20	8290/SOLID		10.000	g
10JA061D5	11	HT1W3-1-AC	G5L300272-15	20	8290/SOLID		10.000	g
10JA061D5	12	HVA2T-1-AC	G6A090000-371C	20	8290/WATER		1.000	L
10JA061D5	13	HVA2T-1-AD	G6A090000-371L	20	8290/WATER		1.000	L
10JA061D5	14	HVA2T-1-AA	G6A090000-371B	20	8290/WATER		1.000	L
10JA061D5	15	HR66J-2-AA	C5L150252-5RX	20	8290/WATER		0.961	L
10JA061D5	16	HR66J-1-AE	C5L150252-5S	20	8290/WATER		0.966	L
10JA061D5	17	HR66J-1-AF	C5L150252-5D	20	8290/WATER		1.024	L
10JA061D5	18	SB0110A	Solvent Blank C-14				1.000	
10JA061D5	19	I.S. QC	011006IS-1QC	20	8290/1613B	QC41	1.000	SAMP
10JA061D5	20	CP0110A	DB-5 CPSM 2565-47				1.000	
10JA061D5	21	ST0110A	CS3 2565-41C – lost lock in Function #1				1.000	
10JA061D5	22	SB0110B	Solvent Blank C-14				1.000	
JA061D5	23	HTTP4-1-AC	(5x)G5L270154-2	20	1613B/SOLID	26	10.000	g
10JA061D5	24	HT1WM-1-AA	G5L300272-7	20	8290/WATER		0.999	L
10JA061D5	25	HT1W0-1-AA	G5L300272-13	20	8290/WATER		1.022	L
10JA061D5	26	HVCN0-1-AC	G6A100000-175C	20	1613B/WATER		1.000	L
10JA061D5	27	HVCN0-1-AA	G6A100000-175B	20	1613B/WATER		1.000	L
10JA061D5	28	HTME2-1-AA	G5L220153-1	20	1613B/WATER		1.058	L
10JA061D5	29	HTME5-1-AA	G5L220153-2	20	1613B/WATER		0.935	L
10JA061D5	30	HTME7-1-AA	G5L220153-3	20	1613B/WATER		0.944	L
10JA061D5	31	HTME9-1-AA	G5L220153-5	20	1613B/WATER		0.944	L
10JA061D5	32	SB0110C	Solvent Blank C-14				1.000	
10JA061D5	33	ST0110B	CS3 2565-41C				1.000	
10JA061D5	34						1.000	
10JA061D5	35						1.000	
10JA061D5	36						1.000	
10JA061D5	37		MG 01/10/06				1.000	

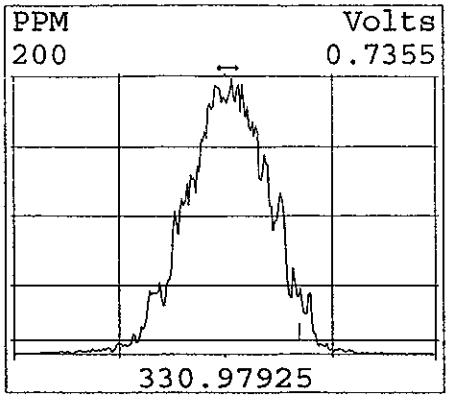
Data file	Smp	Work Order	Sample ID	FV-uL	Method/Matrix	Box	Size	U
11JA061D5	1	ST0111	CS3 2565-41C				1.000	
11JA061D5	2						1.000	
11JA061D5	3						1.000	
11JA061D5	4						1.000	
11JA061D5	5		MG 01/11/06				1.000	

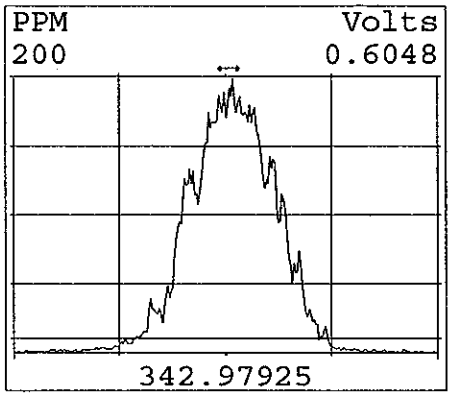
Peak Locate Examination:10-JAN-2006:09:30 File:10JA061D5
Experiment:DIOXIN Function:1 Reference:PFK

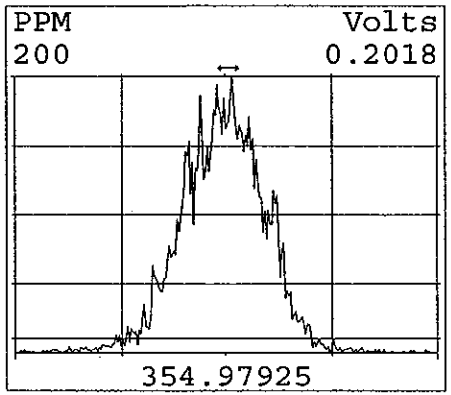


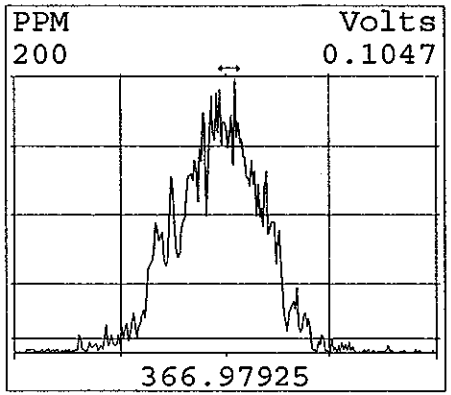


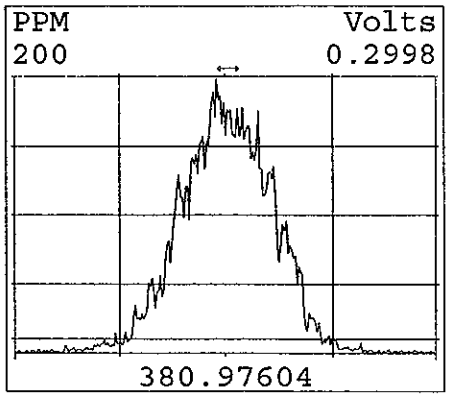


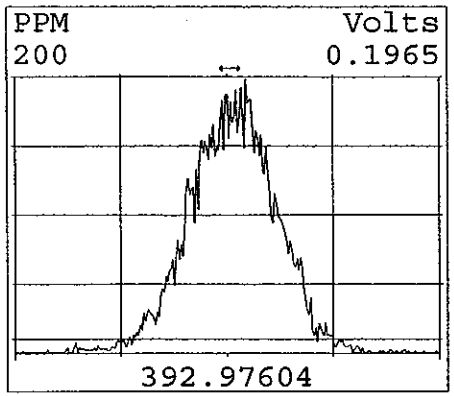


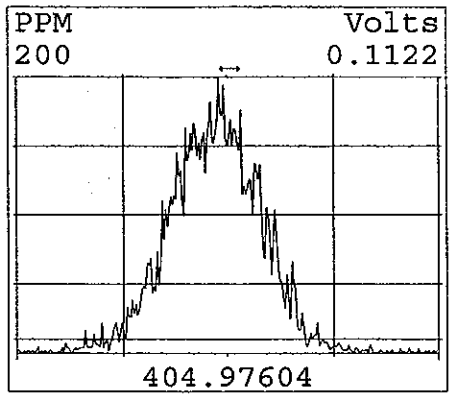


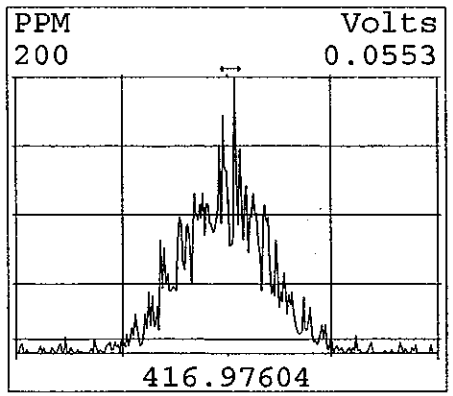




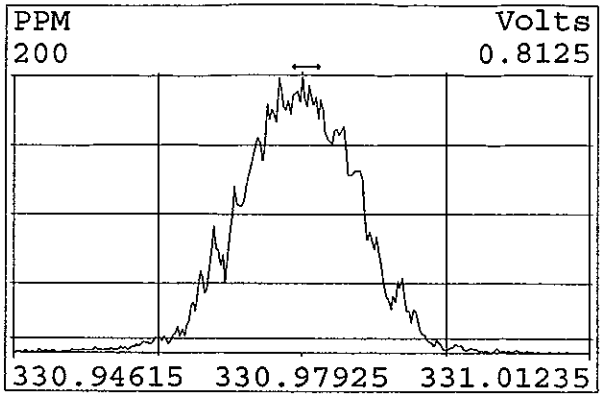


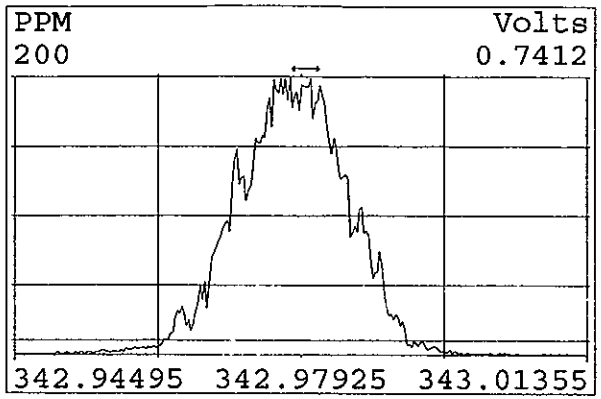


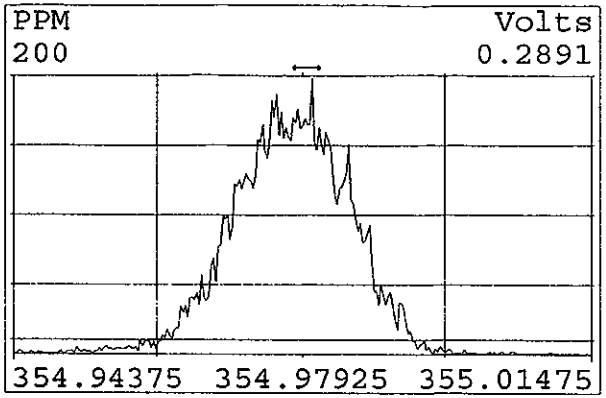


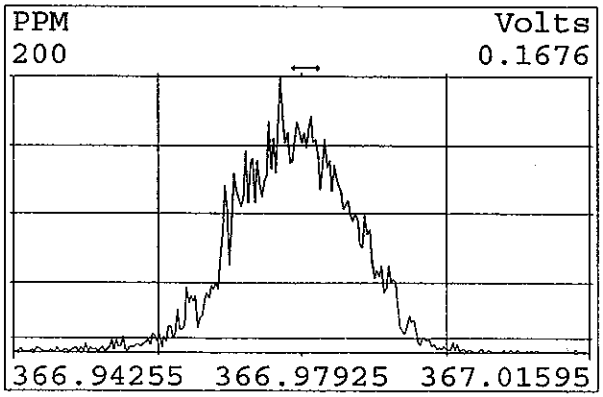


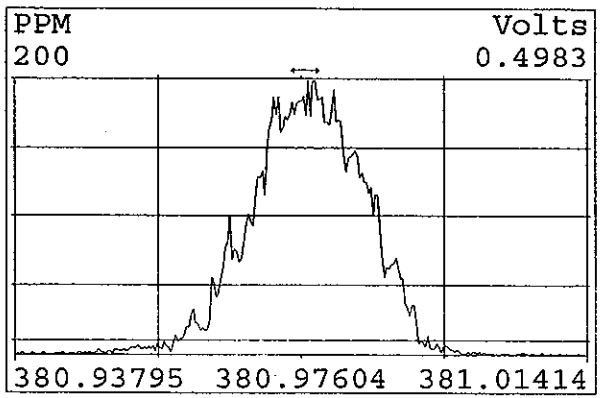
Peak Locate Examination:10-JAN-2006:09:31 File:10JA061D5
Experiment:DIOXIN Function:2 Reference:PFK

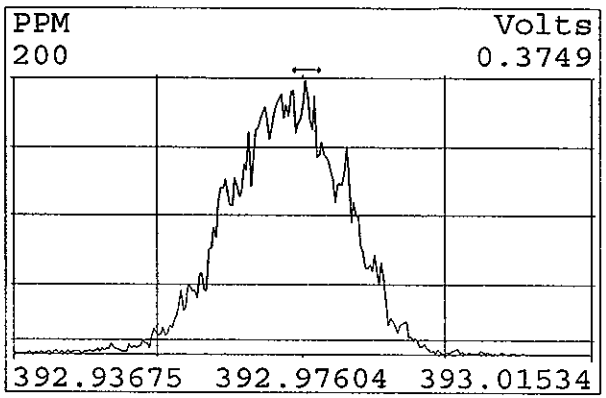


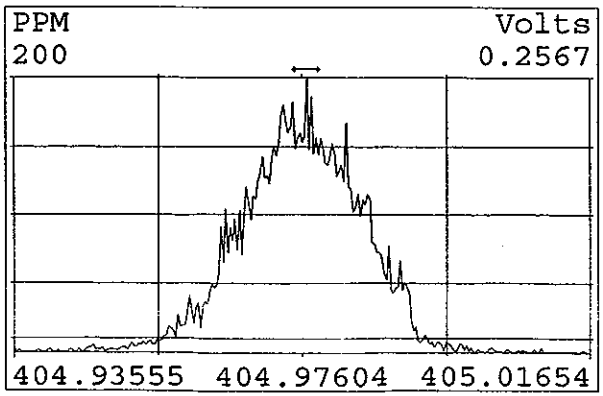


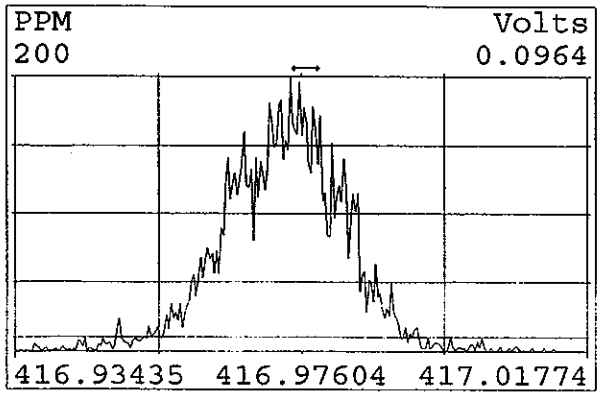




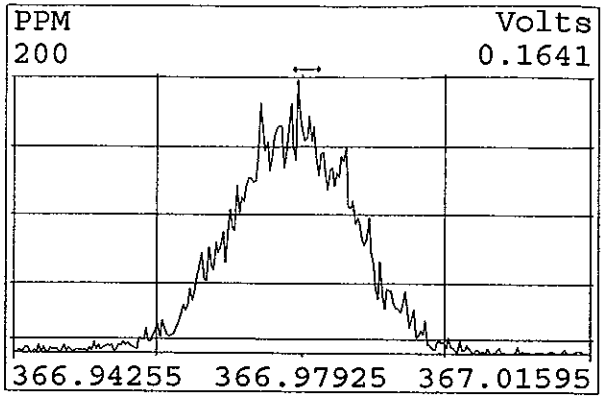


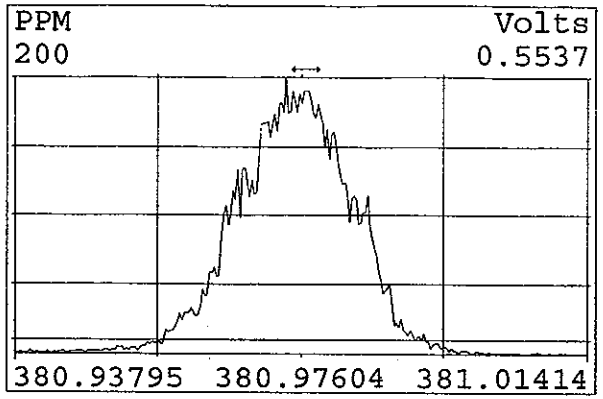


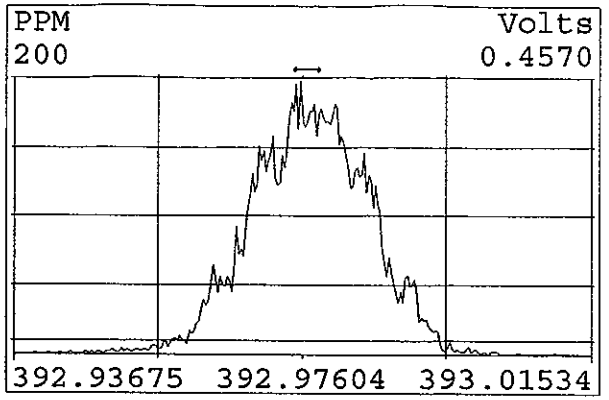


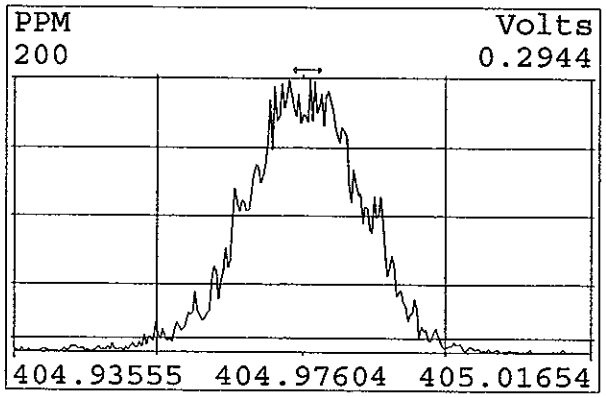


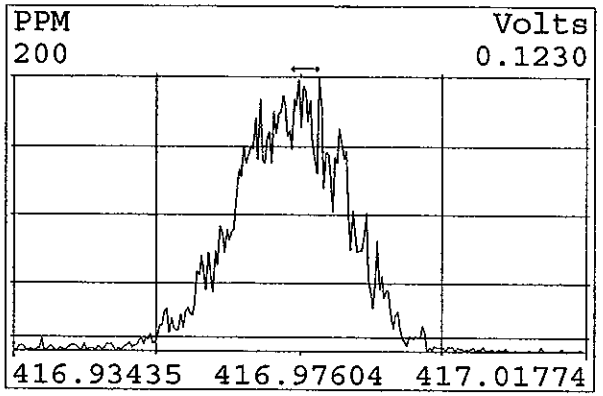
Peak Locate Examination:10-JAN-2006:09:31 File:10JA061D5
Experiment:DIOXIN Function:3 Reference:PFK

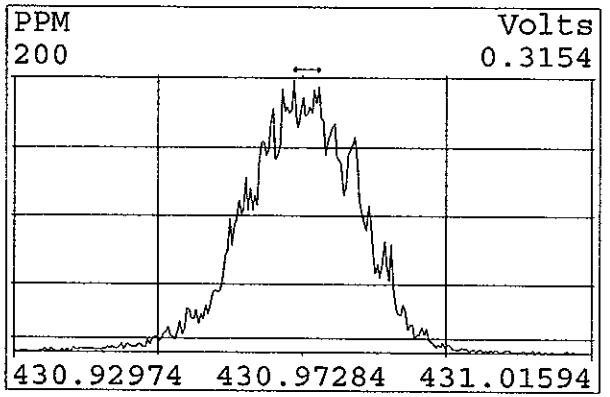


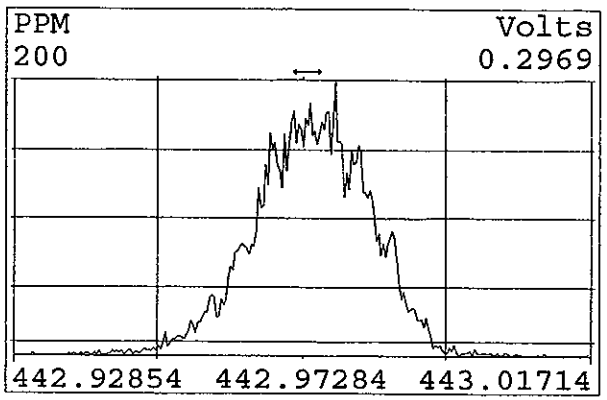


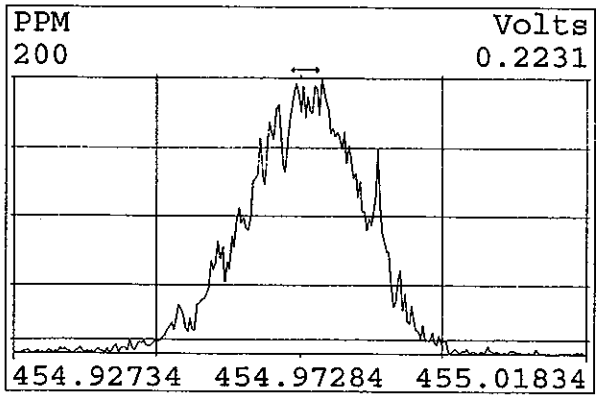




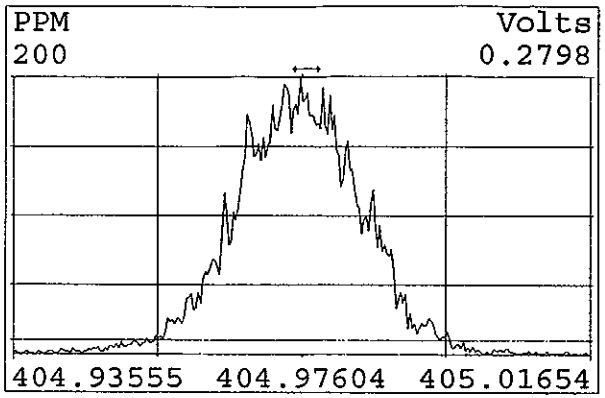


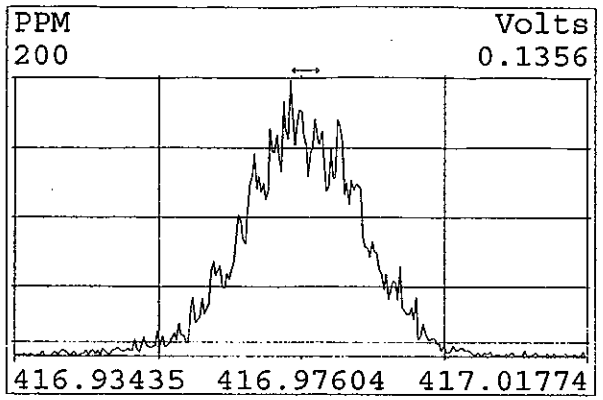


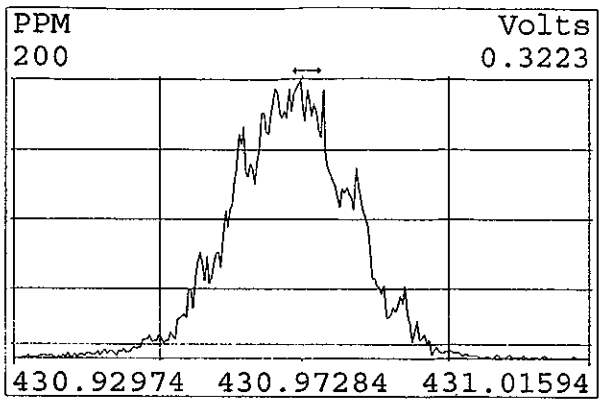


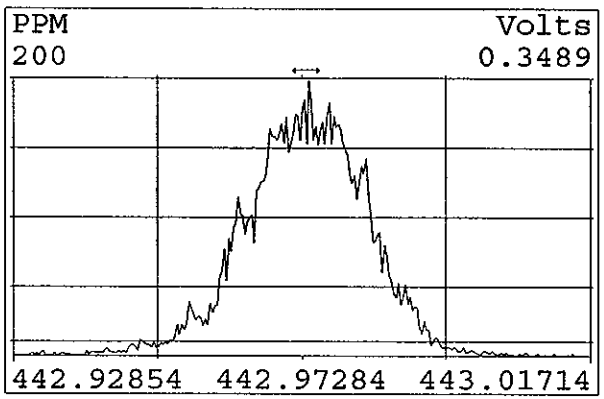


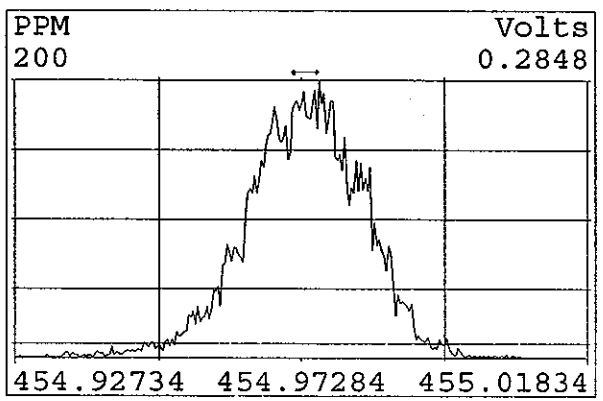
Peak Locate Examination:10-JAN-2006:09:32 File:10JA061D5
Experiment:DIOXIN Function:4 Reference:PFK

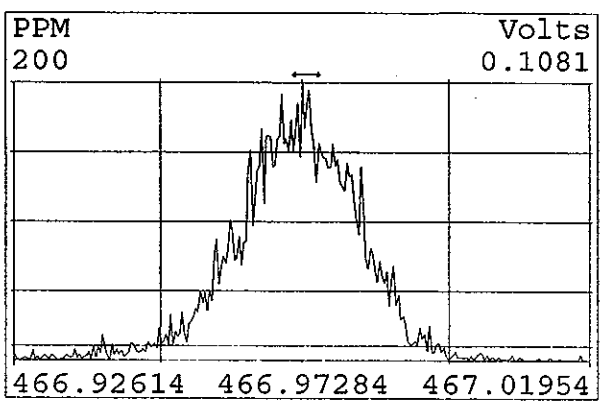


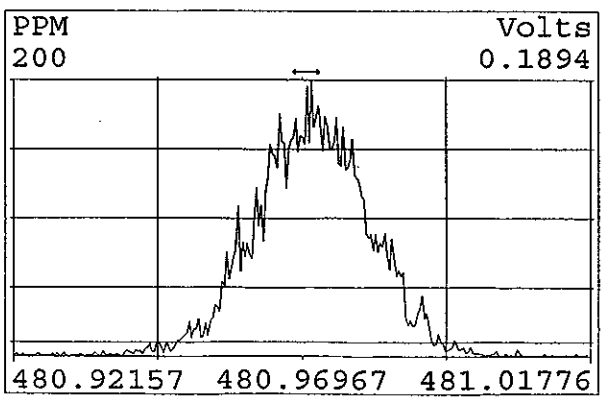




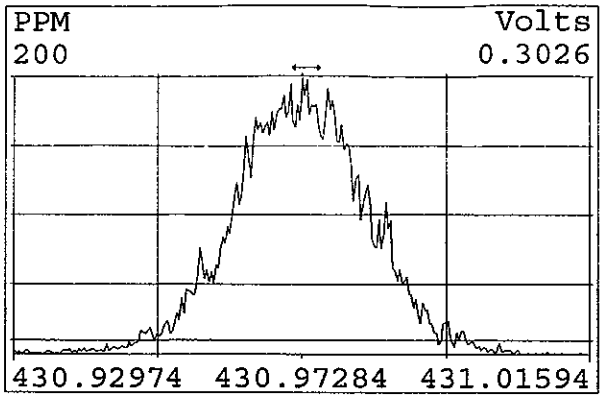


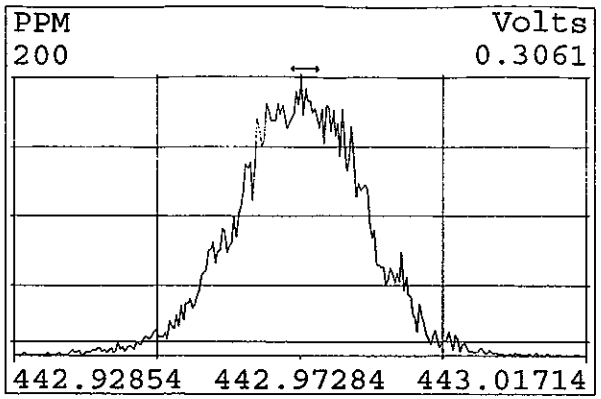


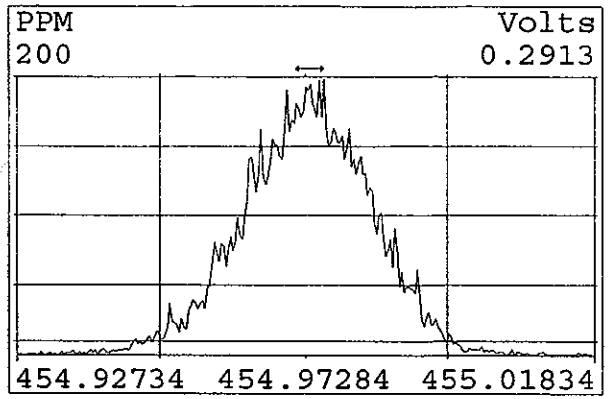


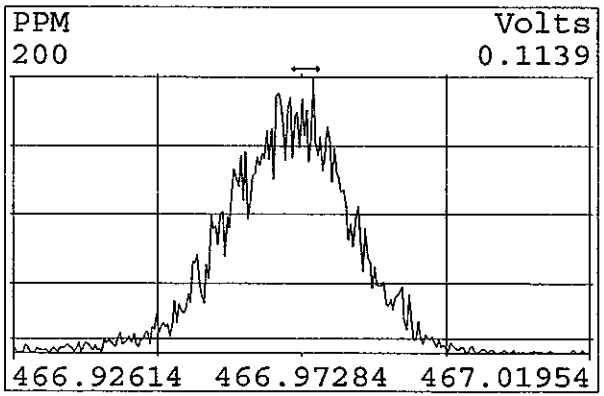


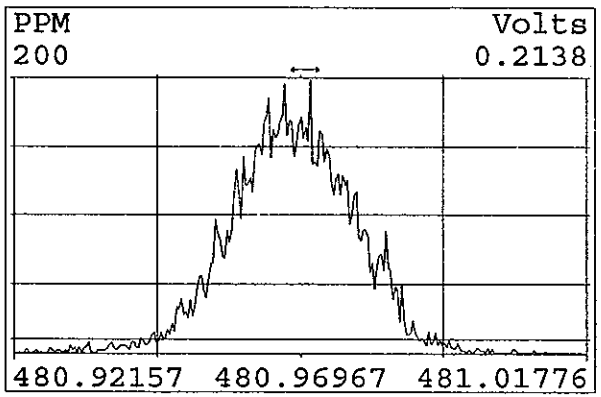
Peak Locate Examination:10-JAN-2006:09:32 File:10JA061D5
Experiment:DIOXIN Function:5 Reference:PFK

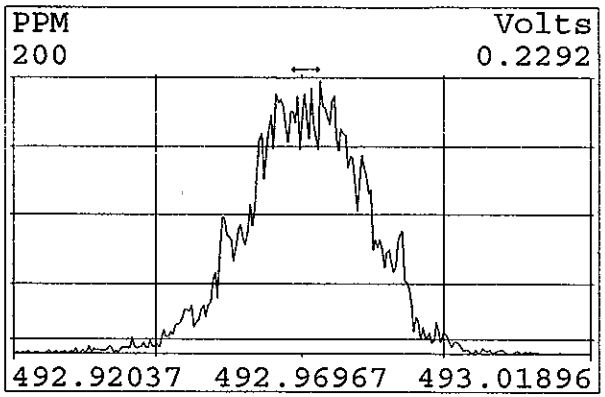


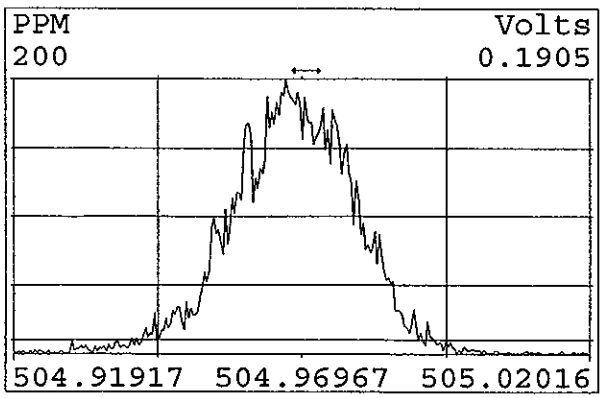


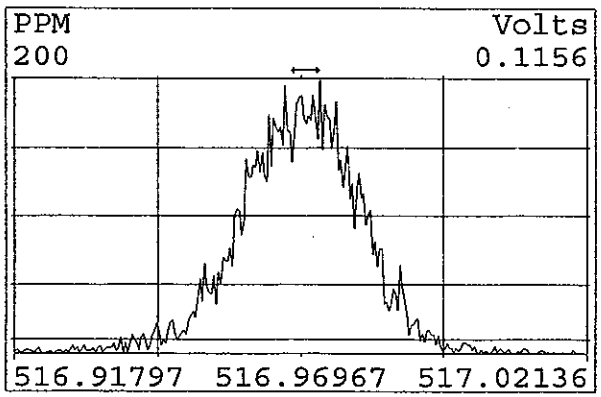




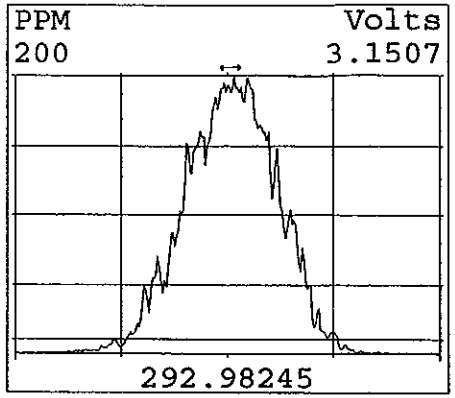


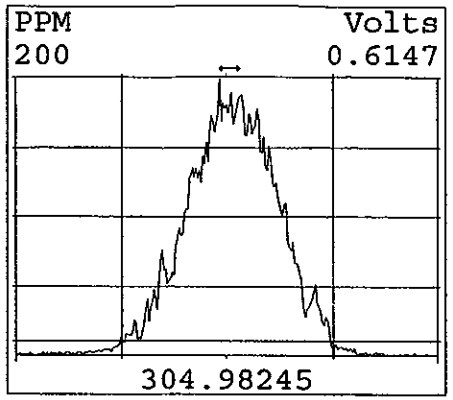


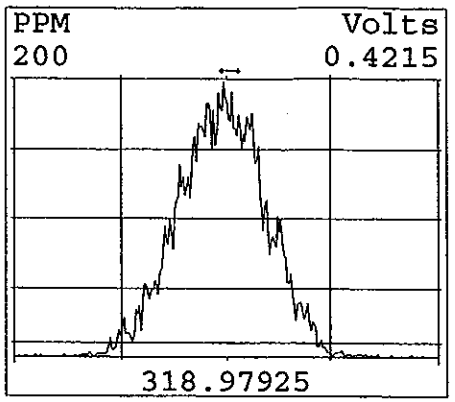


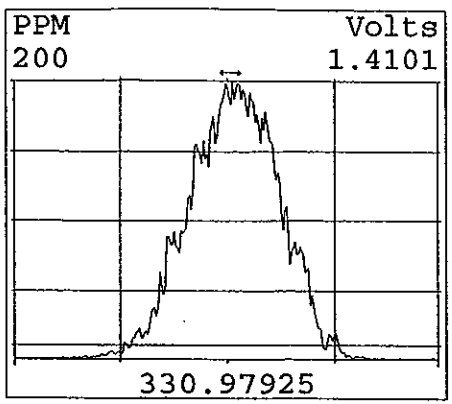


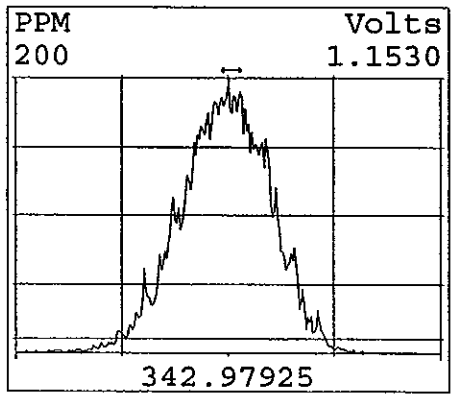
Peak Locate Examination:11-JAN-2006:08:38 File:11JA061D5 → ENDRESCHK
Experiment:DIOXIN Function:1 Reference:PFK

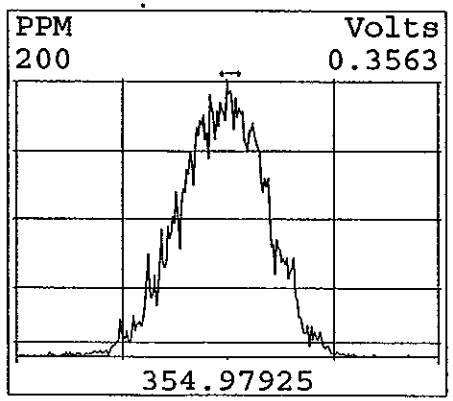


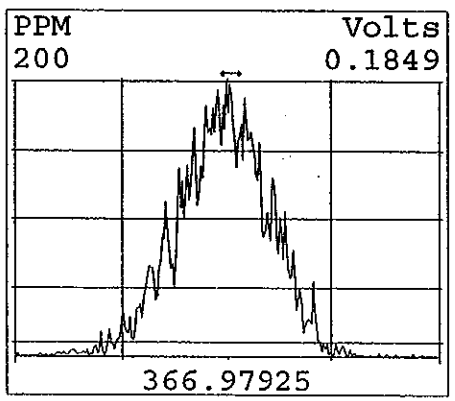


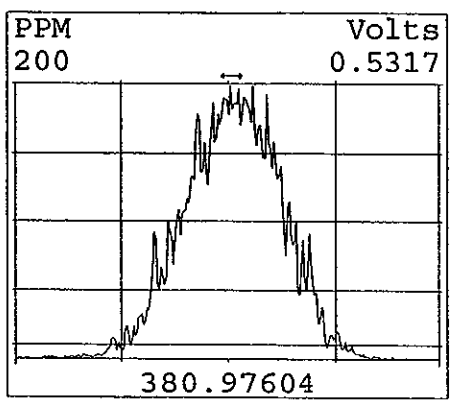


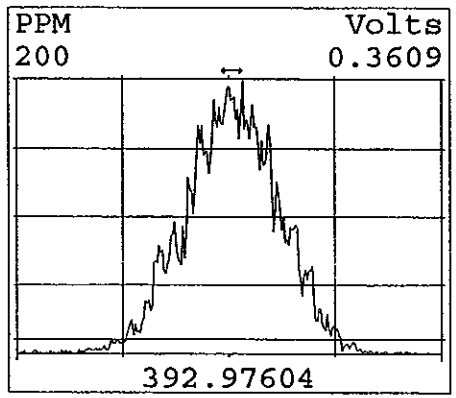


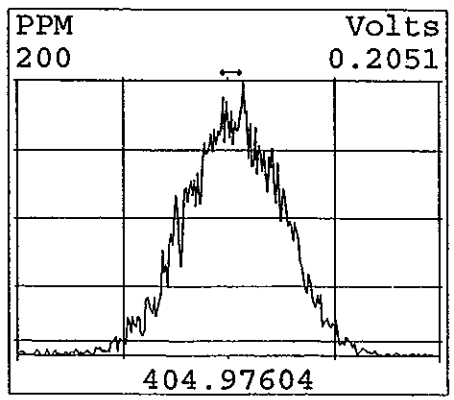


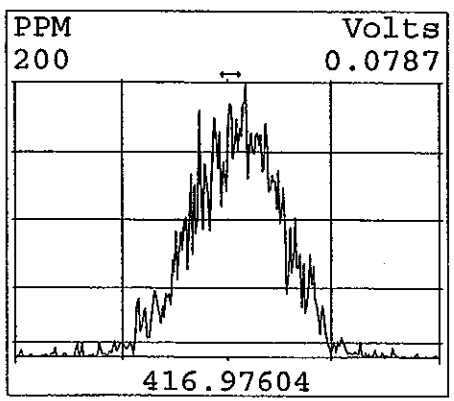




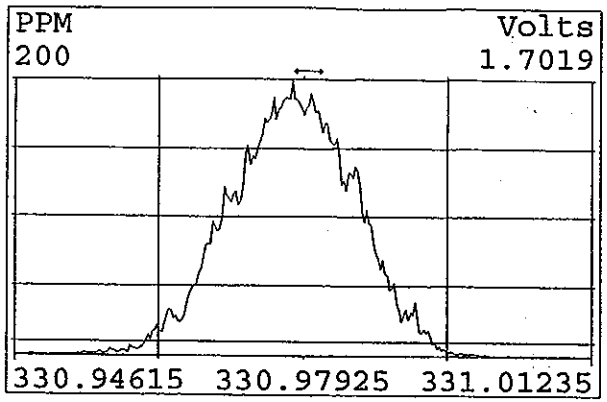


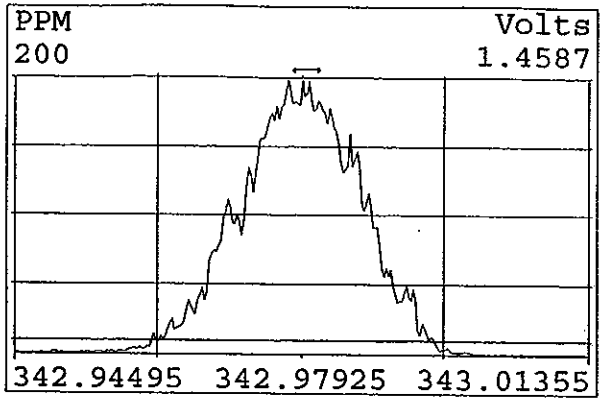


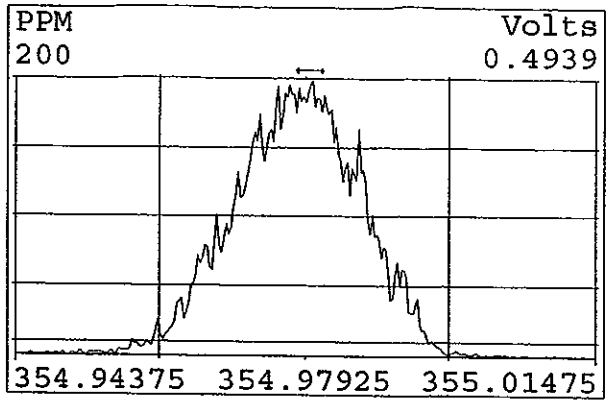


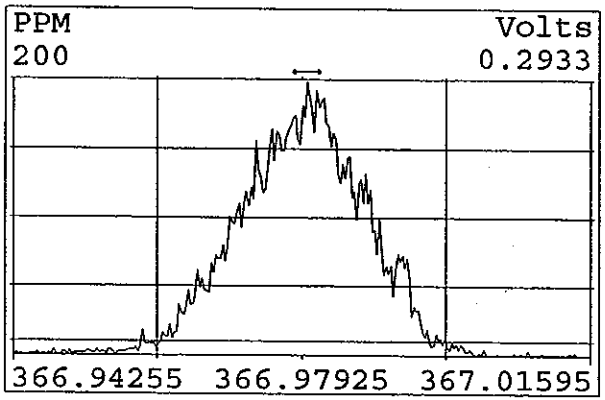


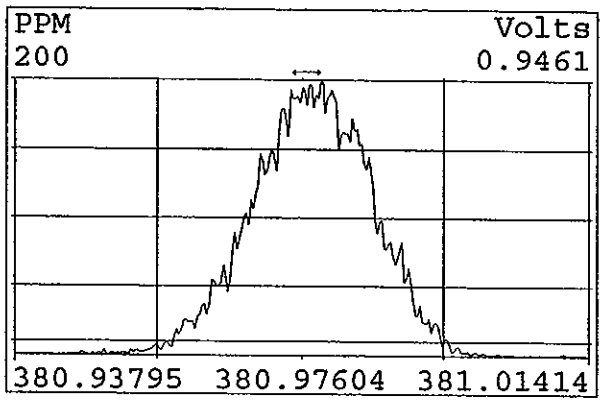
Peak Locate Examination:11-JAN-2006:08:39 File:11JA061D5 + ENDRES CHK
Experiment:DIOXIN Function:2 Reference:PFK

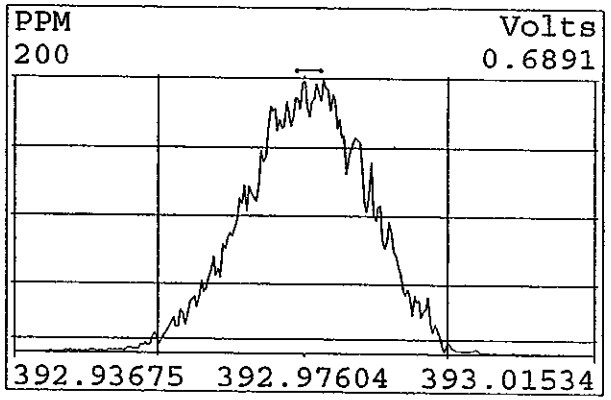


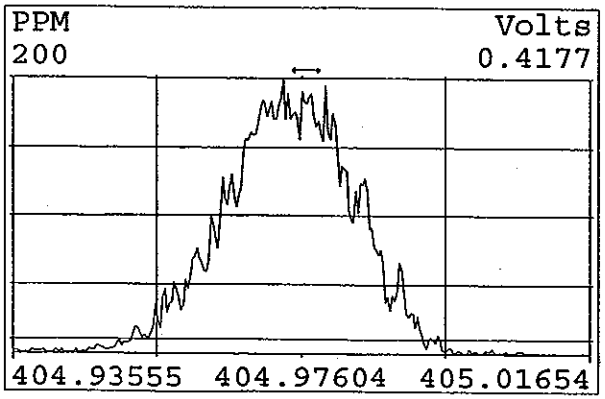


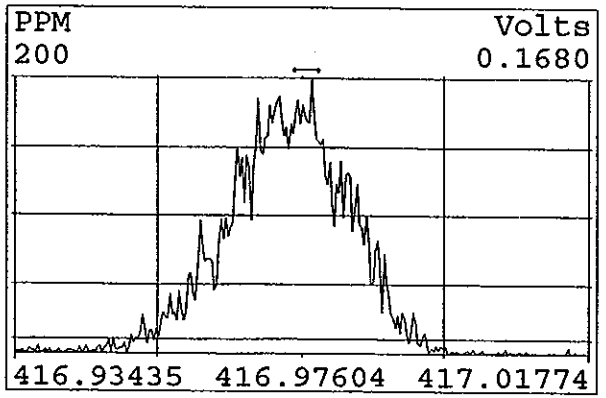




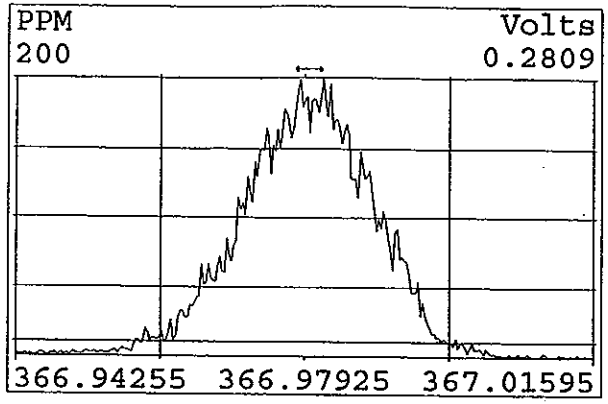


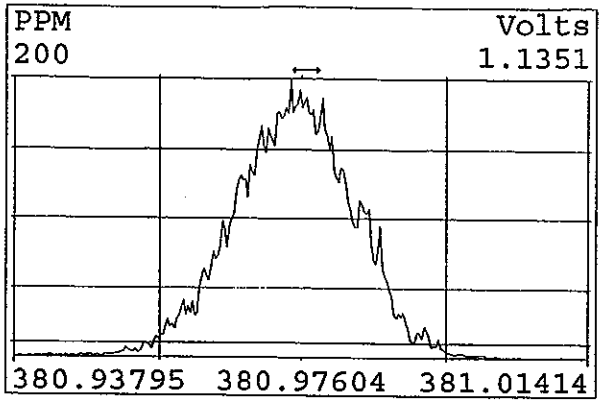


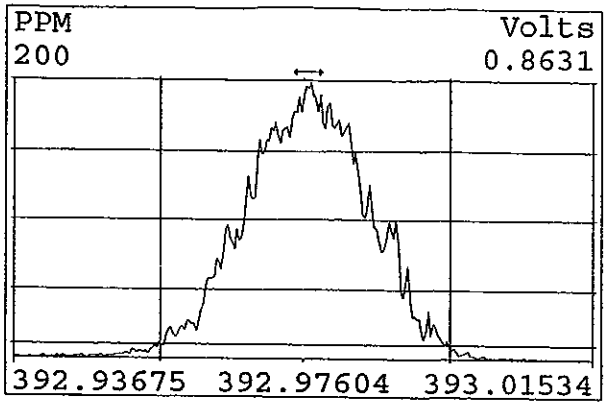


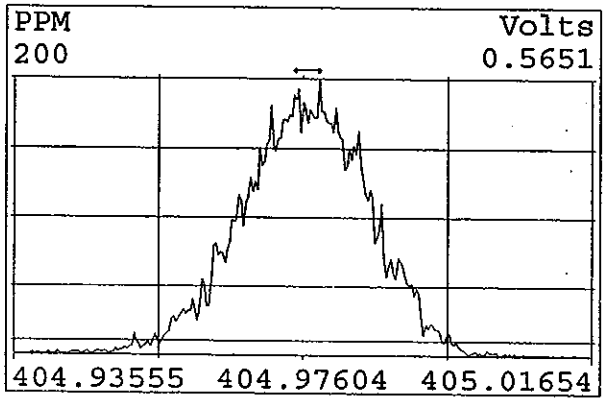


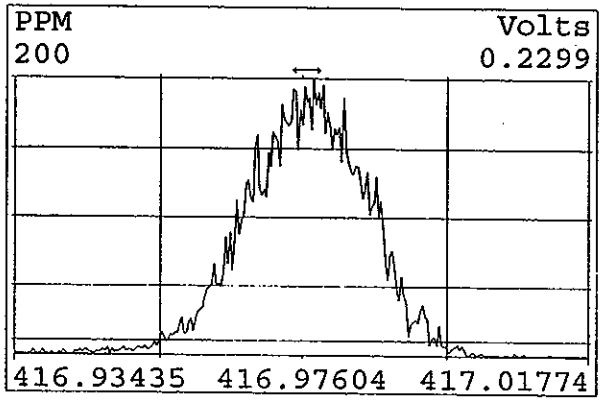
Peak Locate Examination:11-JAN-2006:08:39 File:11JA061D5 † ENDRE3 CHK
Experiment:DIOXIN Function:3 Reference:PFK

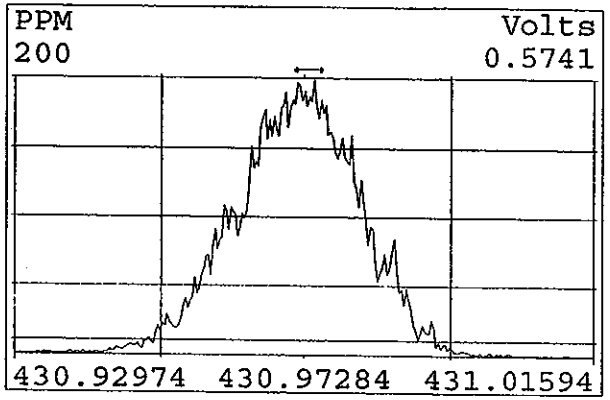


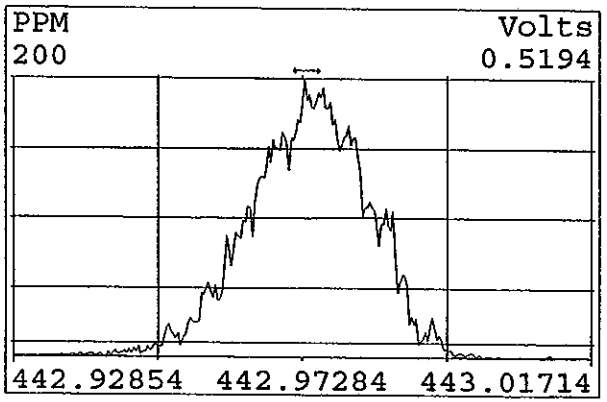


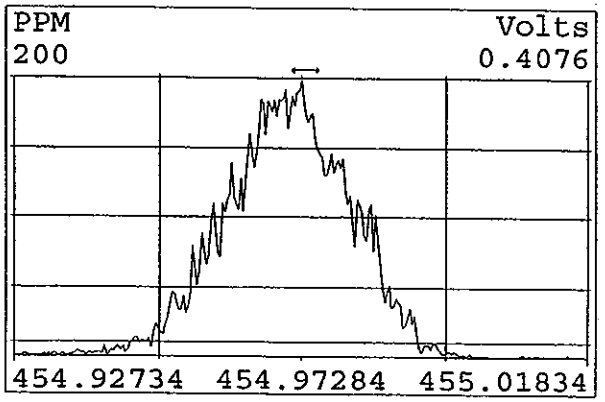




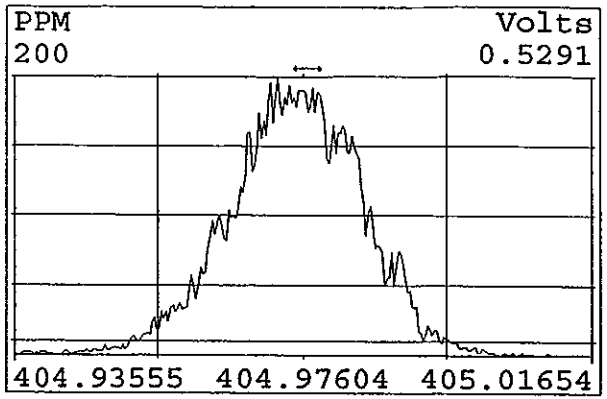


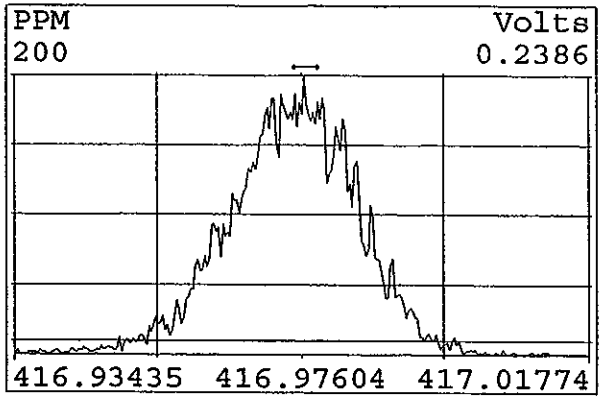


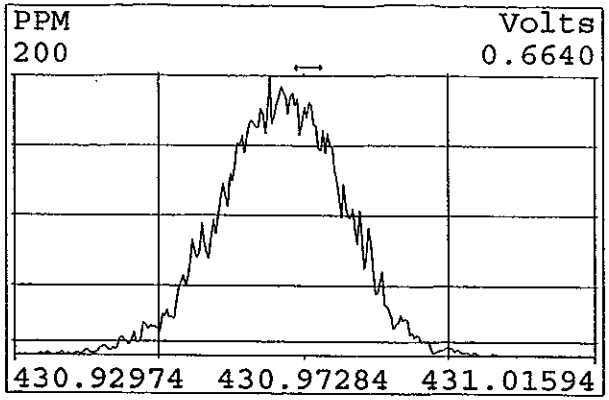


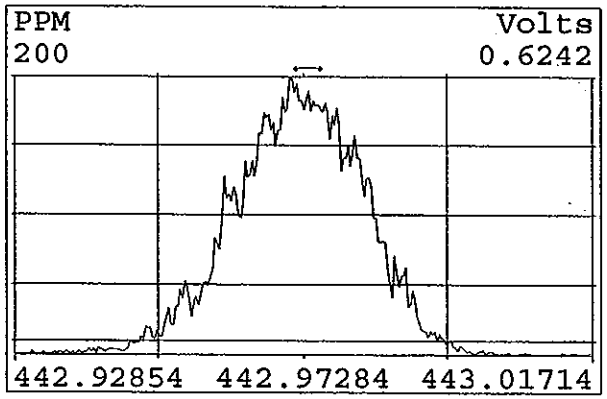


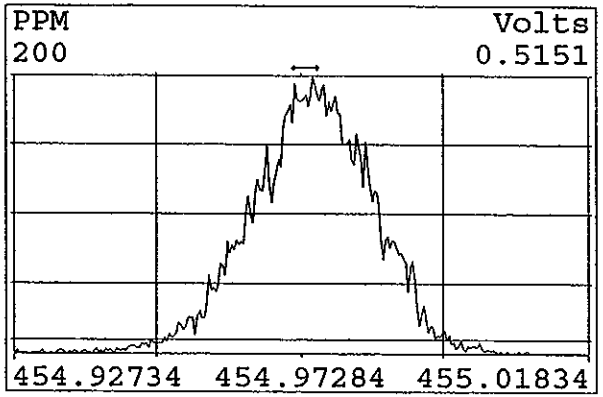
Peak Locate Examination:11-JAN-2006:08:40 File:11JA061D5 + ENDRESCHK
Experiment:DIOXIN Function:4 Reference:PFK

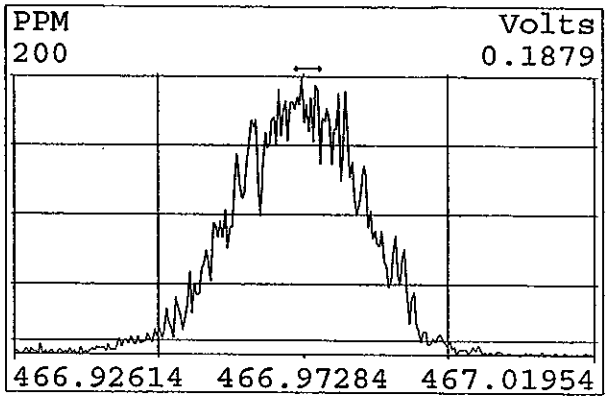


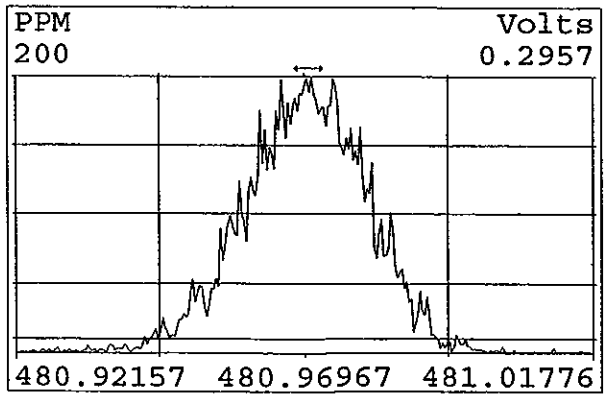




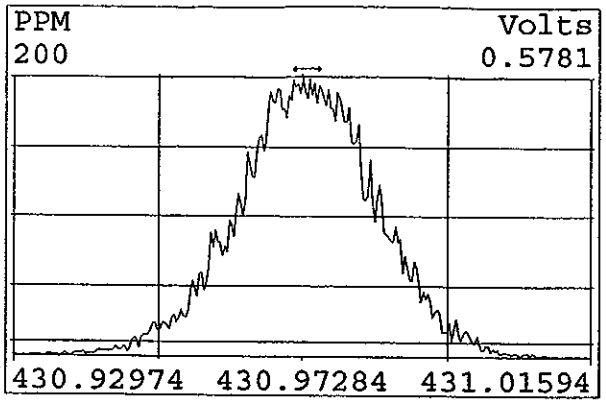


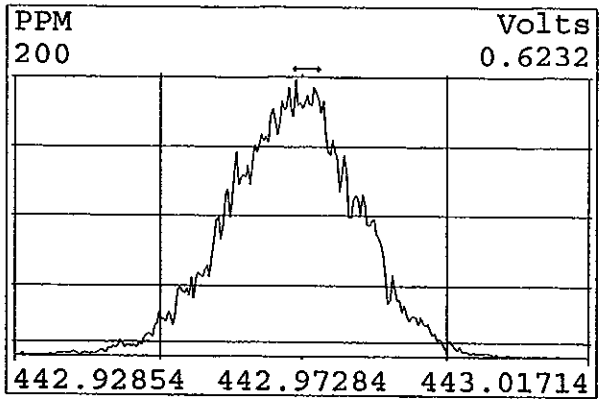


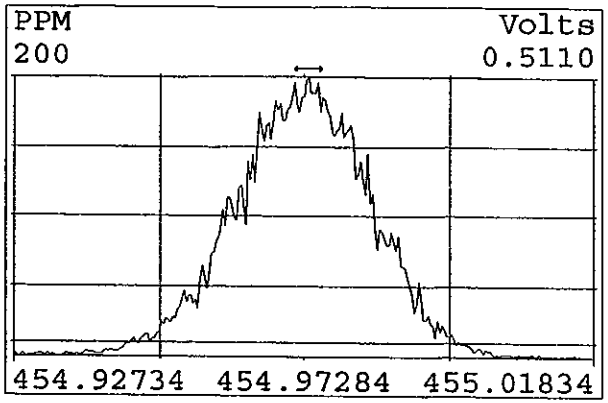


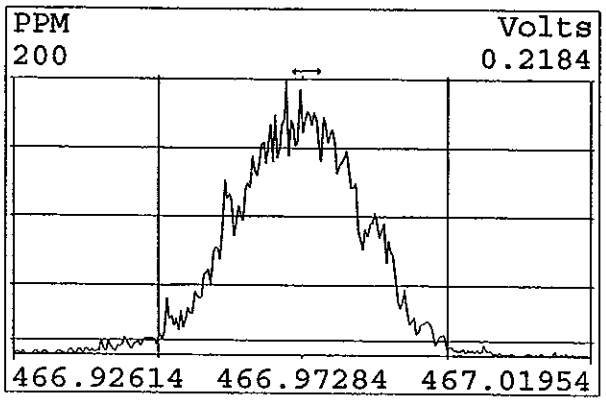


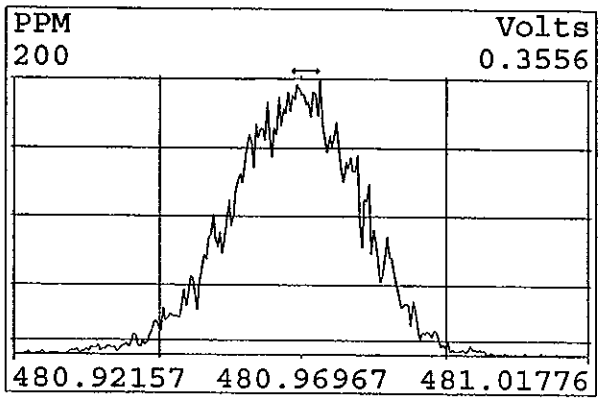
Peak Locate Examination:11-JAN-2006:08:40 File:11JA061D5 + ENDRES CHK
Experiment:DIOXIN Function:5 Reference:PFK

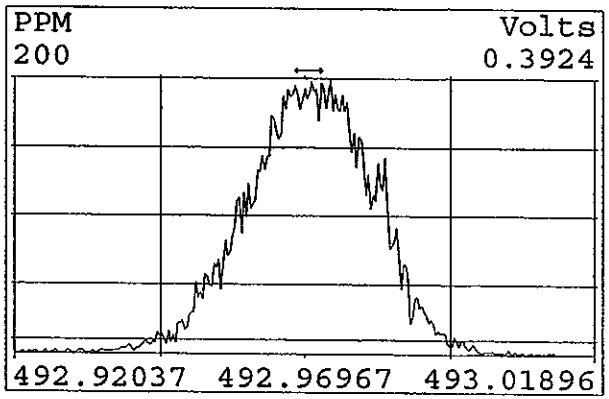


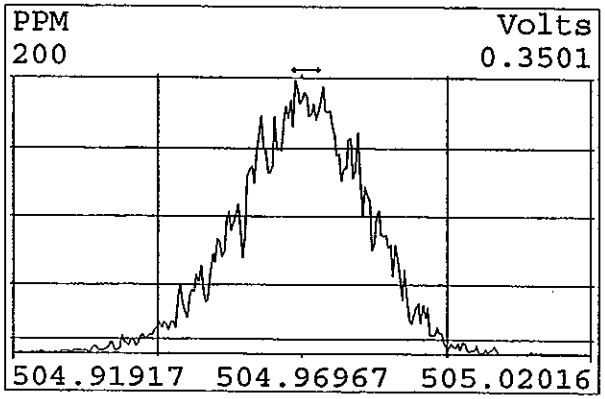


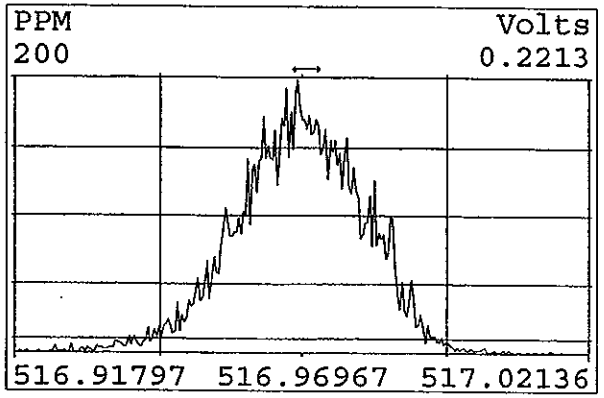




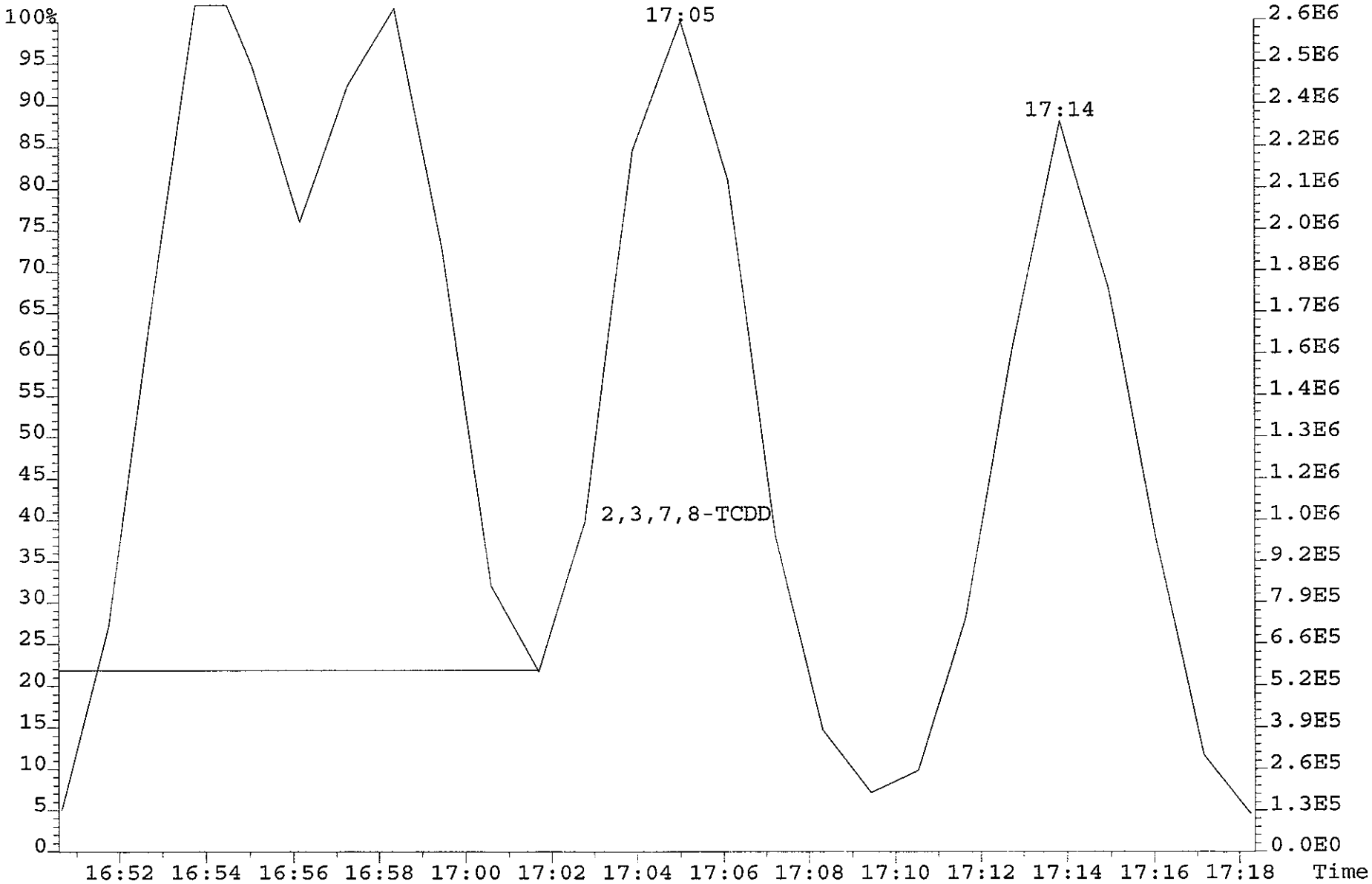








File:10JA061D5 #1-321 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
321.8936 S:2 BSUB(128,15,-3.0) Exp:DIOXIN Noise:3165



Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5

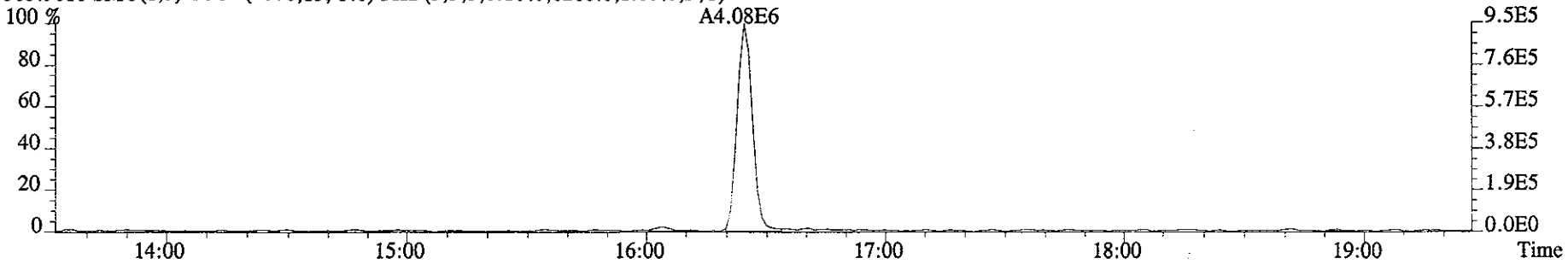
ST1209C :CS1 2565-41A ST1209B :CS2 2565-41B ST1209A :CS3 2565-41C
ST1209E :CS4 2565-41D ST1209D :CS5 2565-41E

Name	Mean	S. D.	%RSD	09DE051D5 S5 RRF1	09DE051D5 S4 RRF2	09DE051D5 S3 RRF3	09DE051D5 S7 RRF4	09DE051D5 S6 RRF5
13C-1,2,3,4-TCDD	-	-	- %	-	-	-	-	-
13C-2,3,7,8-TCDF	1.683	0.069	4.08 %	1.70	1.59	1.65	1.70	1.78
2,3,7,8-TCDF	1.163	0.061	5.21 %	1.25	1.14	1.08	1.16	1.19
Total TCDF	1.163	0.061	5.21 %	1.25	1.14	1.08	1.16	1.19
13C-2,3,7,8-TCDD	0.896	0.024	2.67 %	0.89	0.86	0.89	0.90	0.93
2,3,7,8-TCDD	1.322	0.124	9.40 %	1.53	1.22	1.25	1.27	1.34
Total TCDD	1.322	0.124	9.40 %	1.53	1.22	1.25	1.27	1.34
37Cl-2,3,7,8-TCDD	2.444	0.304	12.5 %	2.85	2.08	2.30	2.34	2.65
13C-1,2,3,7,8-PeCDF	1.545	0.096	6.25 %	1.48	1.48	1.49	1.56	1.71
1,2,3,7,8-PeCDF	1.004	0.042	4.18 %	0.97	0.96	1.00	1.04	1.06
2,3,4,7,8-PeCDF	1.049	0.040	3.79 %	1.03	1.00	1.04	1.08	1.10
Total F2 PeCDF	1.027	0.041	3.96 %	1.00	0.98	1.02	1.06	1.08
Total F1 PeCDF	1.027	0.041	3.96 %	1.00	0.98	1.02	1.06	1.08
13C-1,2,3,7,8-PeCDD	0.914	0.059	6.48 %	0.86	0.90	0.86	0.94	1.00
1,2,3,7,8-PeCDD	1.043	0.053	5.10 %	1.03	0.97	1.04	1.08	1.11
Total PeCDD	1.043	0.053	5.10 %	1.03	0.97	1.04	1.08	1.11
13C-1,2,3,7,8,9-HxCDD	-	-	- %	-	-	-	-	-
13C-1,2,3,4,7,8-HxCDF	1.383	0.030	2.19 %	1.38	1.37	1.42	1.39	1.34
1,2,3,4,7,8-HxCDF	1.111	0.044	3.97 %	1.14	1.05	1.07	1.14	1.15
1,2,3,6,7,8-HxCDF	1.140	0.060	5.24 %	1.15	1.07	1.09	1.18	1.21
2,3,4,6,7,8-HxCDF	1.064	0.044	4.11 %	1.06	1.01	1.04	1.10	1.12
1,2,3,7,8,9-HxCDF	1.018	0.052	5.07 %	1.06	0.96	0.98	1.02	1.07
Total HxCDF	1.083	0.048	4.45 %	1.10	1.02	1.04	1.11	1.14
13C-1,2,3,6,7,8-HxCDD	0.958	0.009	0.978	0.96	0.95	0.95	0.97	0.95
1,2,3,4,7,8-HxCDD	0.954	0.065	6.76 %	0.88	0.89	0.99	1.00	1.01

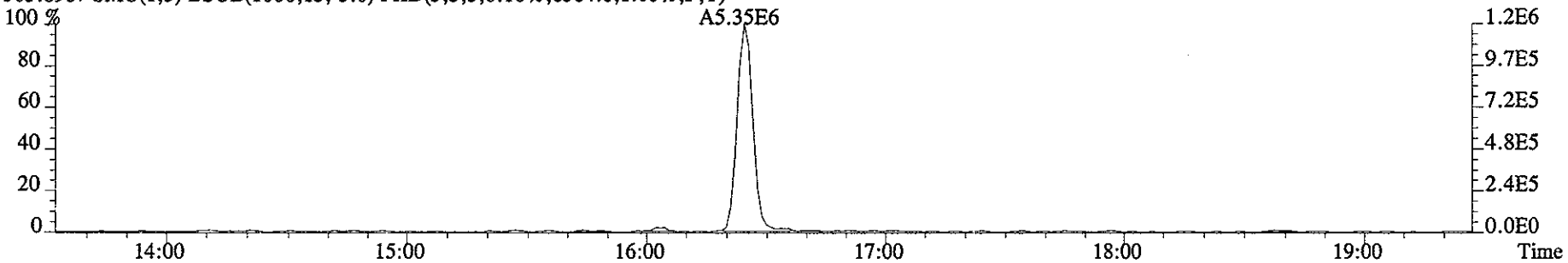
1,2,3,6,7,8-HxCDD	1.001	0.041	4.06 %	0.97	0.95	1.01	1.02	1.05
1,2,3,7,8,9-HxCDD	1.044	0.047	4.53 %	1.04	0.97	1.06	1.06	1.09
Total HxCDD	1.000	0.049	4.87 %	0.96	0.93	1.02	1.03	1.05
13C-1,2,3,4,6,7,8-HpCDF	1.129	0.027	2.35 %	1.14	1.13	1.17	1.11	1.10
1,2,3,4,6,7,8-HpCDF	1.311	0.041	3.09 %	1.29	1.25	1.32	1.33	1.36
1,2,3,4,7,8,9-HpCDF	1.191	0.085	7.13 %	1.10	1.11	1.20	1.25	1.29
Total HpCDF	1.251	0.061	4.92 %	1.20	1.18	1.26	1.29	1.33
13C-1,2,3,4,6,7,8-HpCDD	0.998	0.006	0.597	0.99	0.99	1.00	0.99	1.01
1,2,3,4,6,7,8-HpCDD	0.948	0.044	4.69 %	0.90	0.90	0.98	0.97	0.99
Total HpCDD	0.948	0.044	4.69 %	0.90	0.90	0.98	0.97	0.99
13C-OCDD	0.809	0.045	5.59 %	0.81	0.74	0.82	0.81	0.87
OCDF	1.319	0.064	4.87 %	1.29	1.23	1.32	1.37	1.38
OCDD	1.005	0.034	3.40 %	1.03	0.95	0.99	1.03	1.03

File:10JA061D5 #1-322 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN

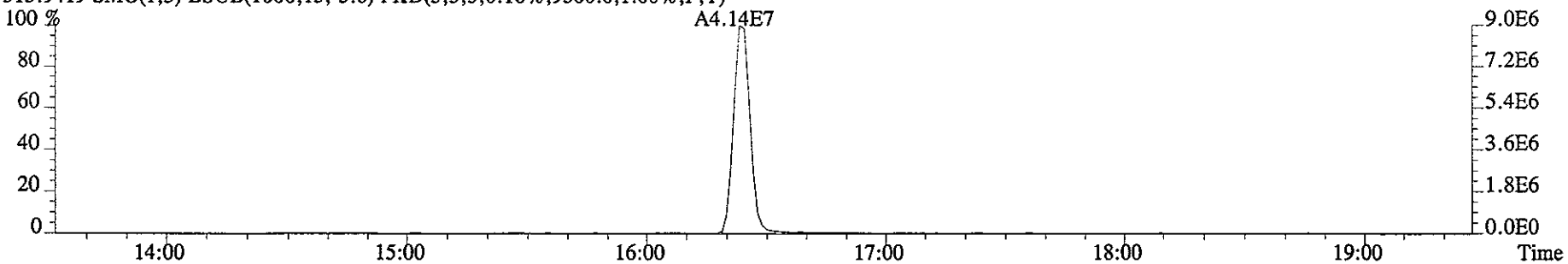
303.9016 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6260.0,1.00%,F,T)



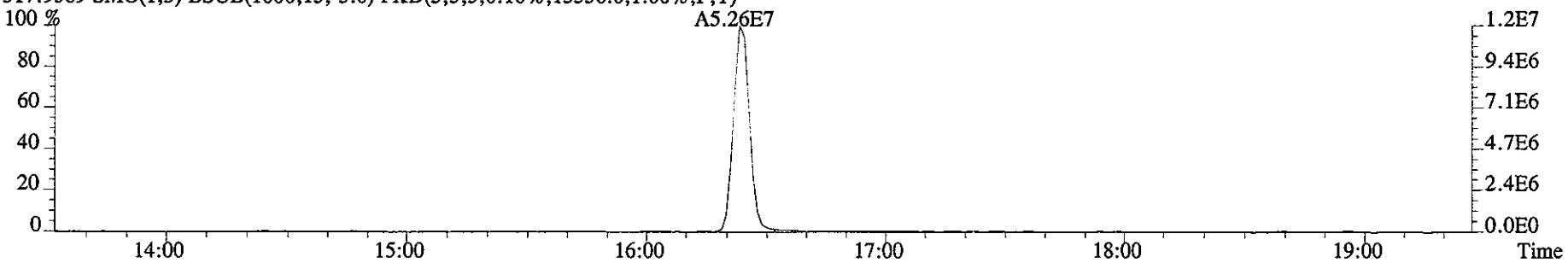
305.8987 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6584.0,1.00%,F,T)



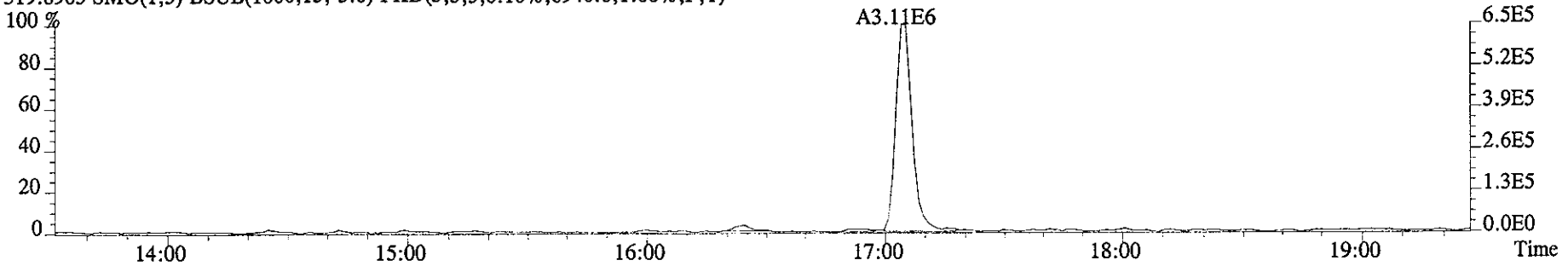
315.9419 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9500.0,1.00%,F,T)

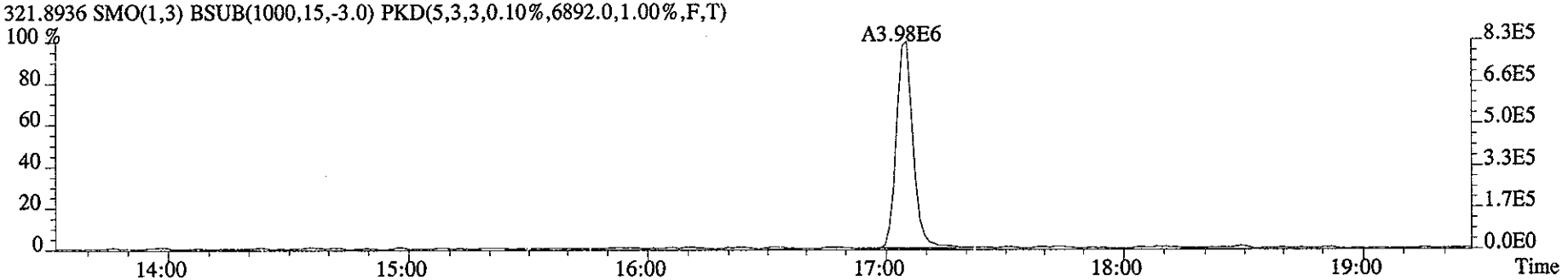


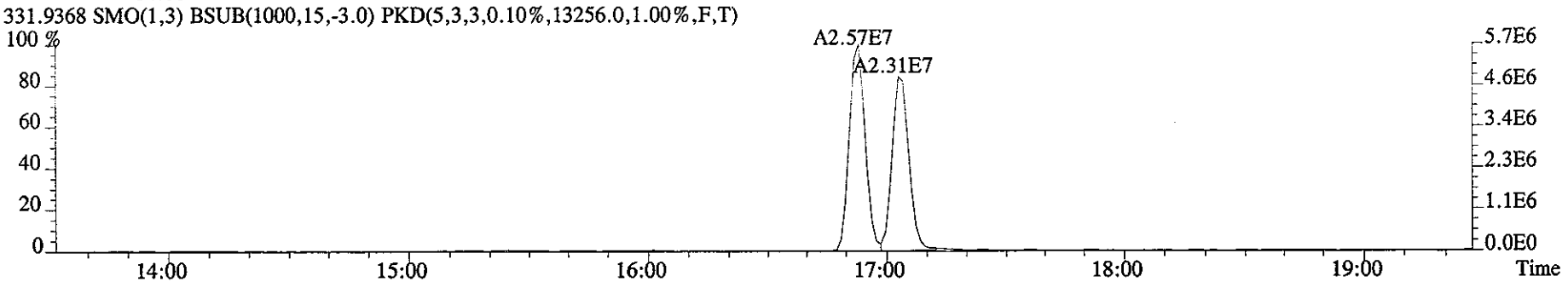
317.9389 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15356.0,1.00%,F,T)

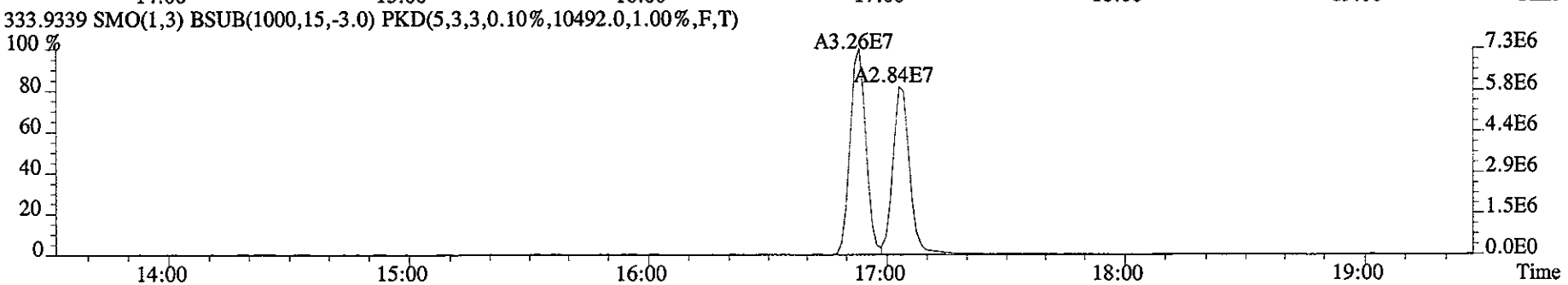


File:10JA061D5 #1-322 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN

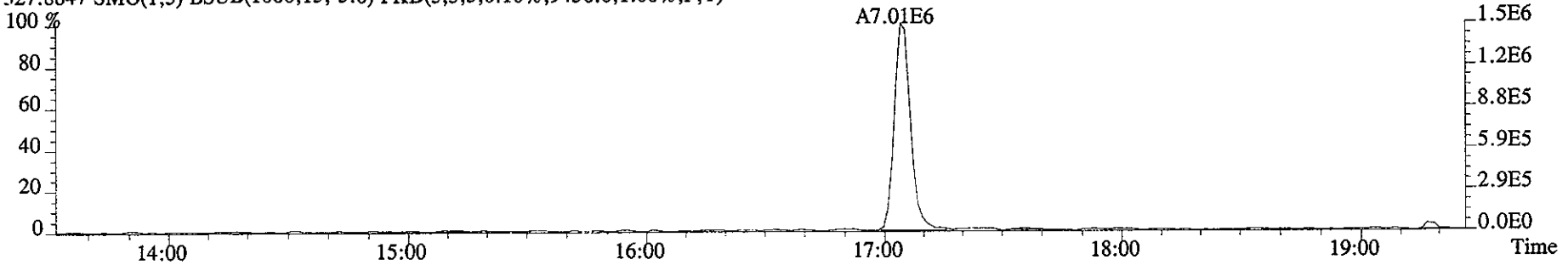




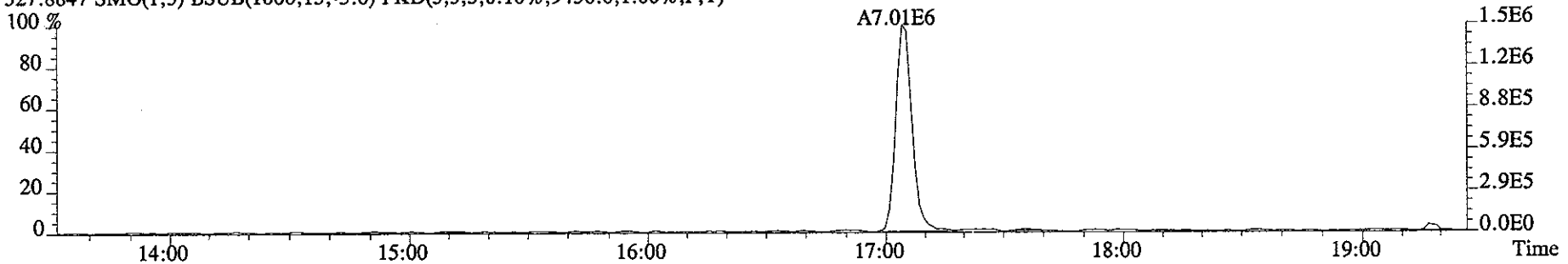




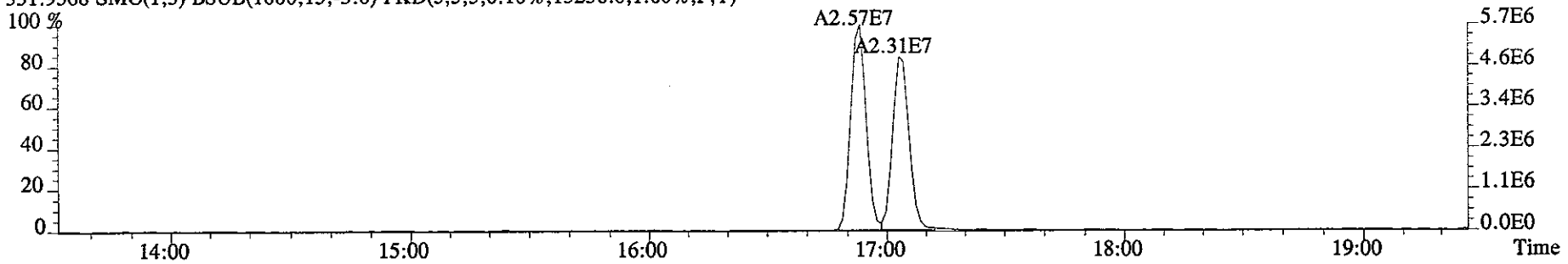
File:10JA061D5 #1-322 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
327.8847 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9436.0,1.00%,F,T)



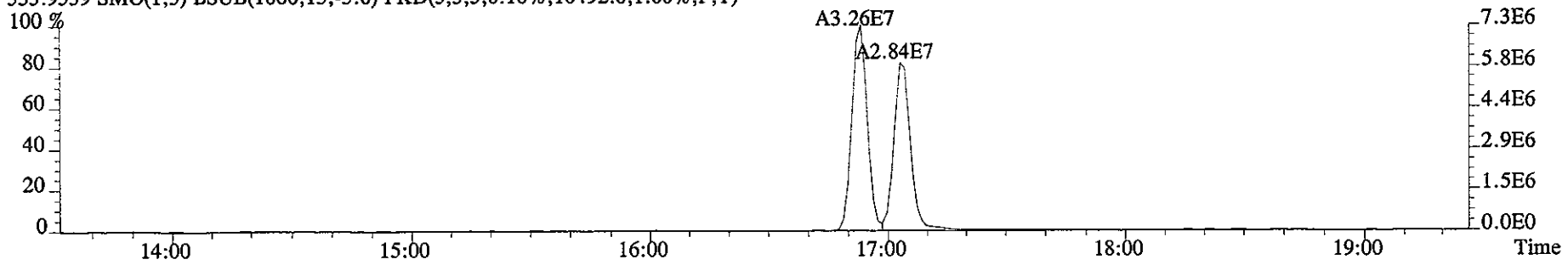
327.8847 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9436.0,1.00%,F,T)



331.9368 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13256.0,1.00%,F,T)

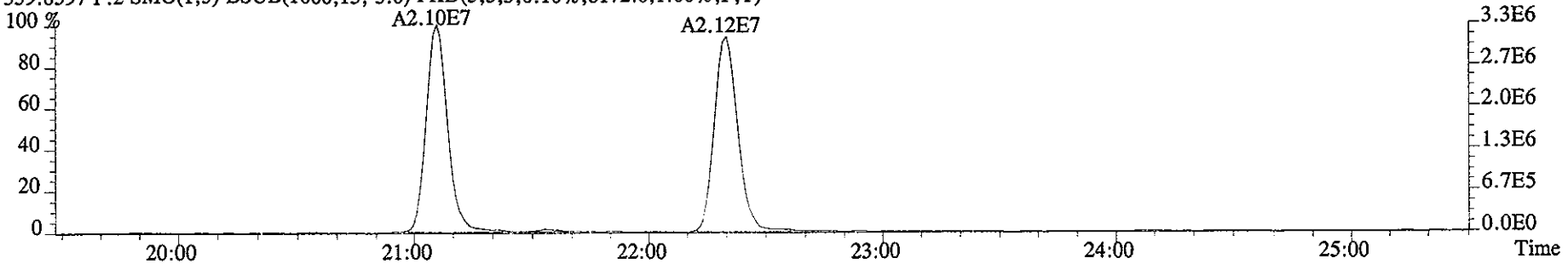


333.9339 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10492.0,1.00%,F,T)

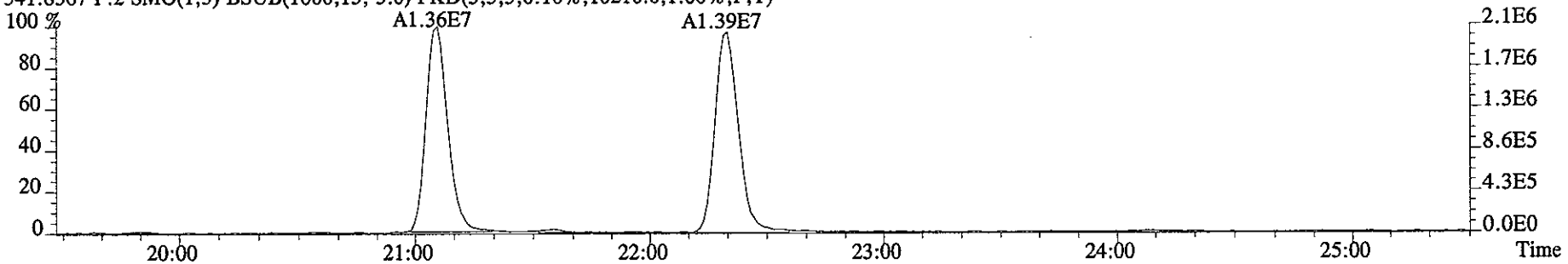


File:10JA061D5 #1-425 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN

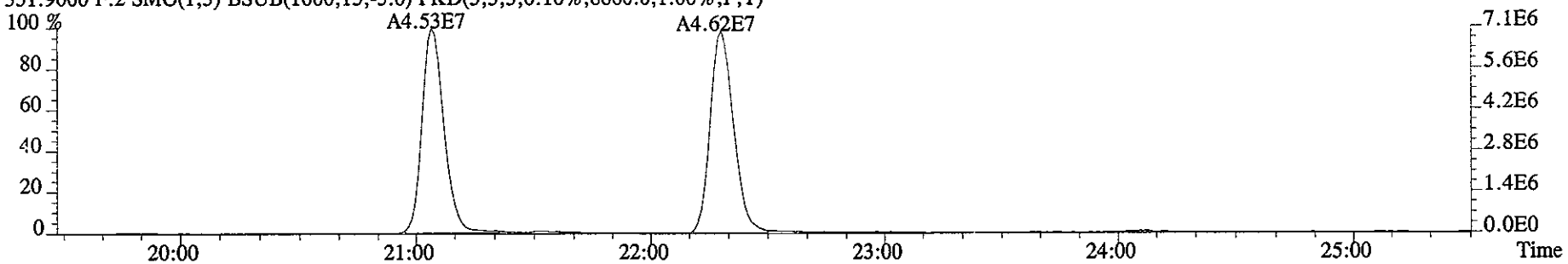
339.8597 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8172.0,1.00%,F,T)



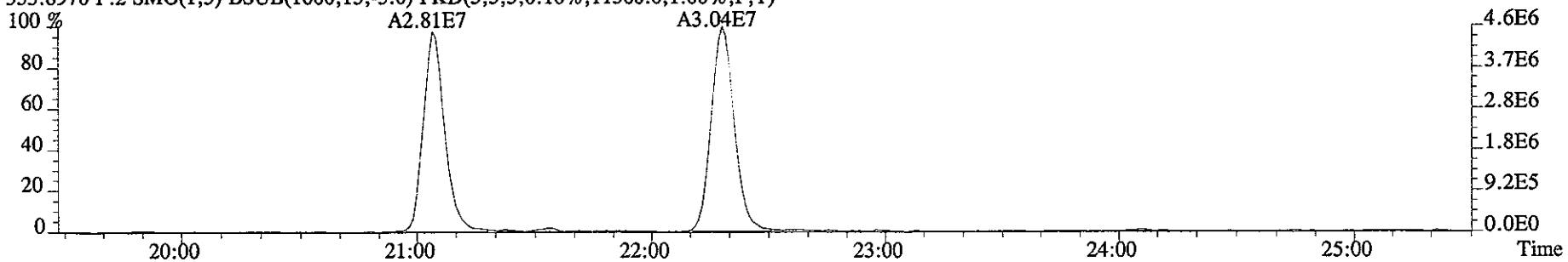
341.8567 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10216.0,1.00%,F,T)



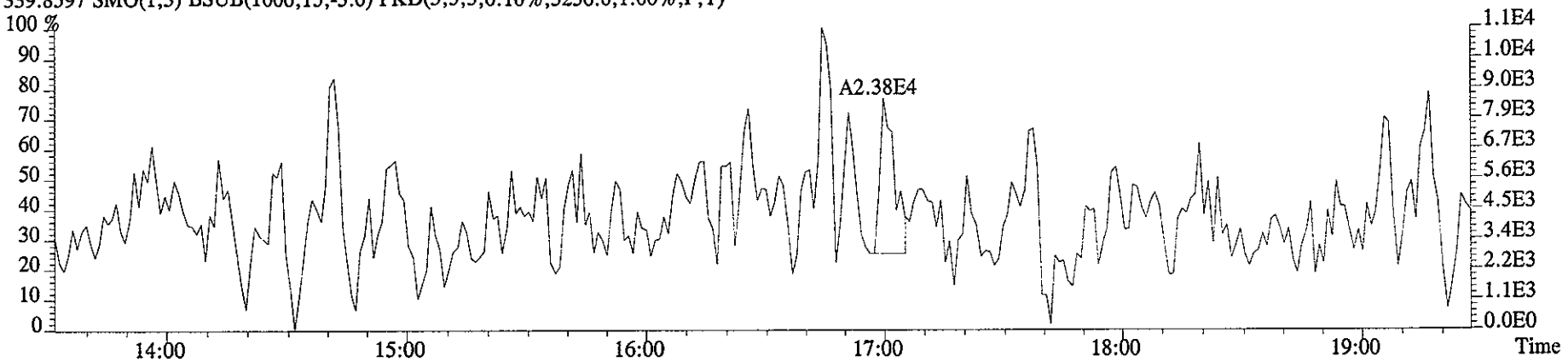
351.9000 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8860.0,1.00%,F,T)



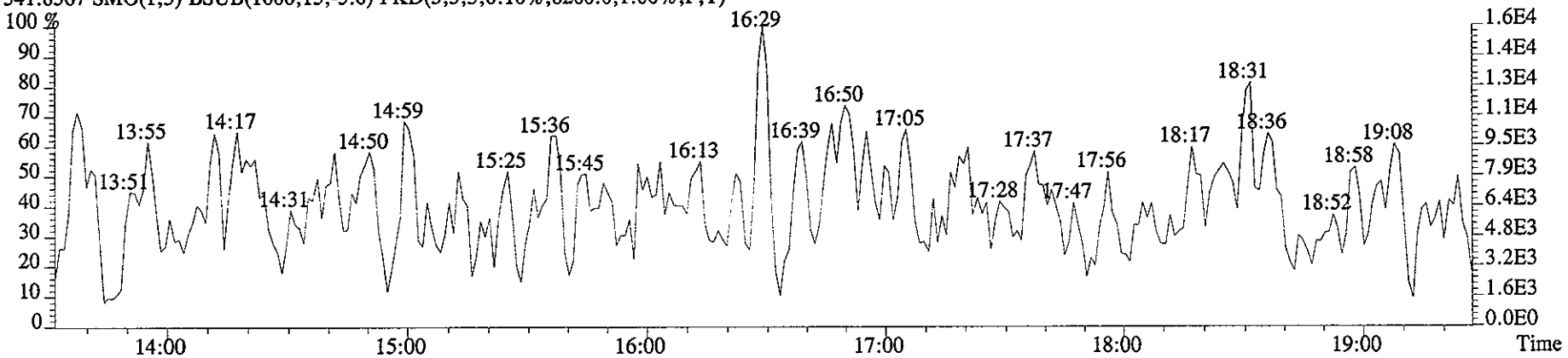
353.8970 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11560.0,1.00%,F,T)



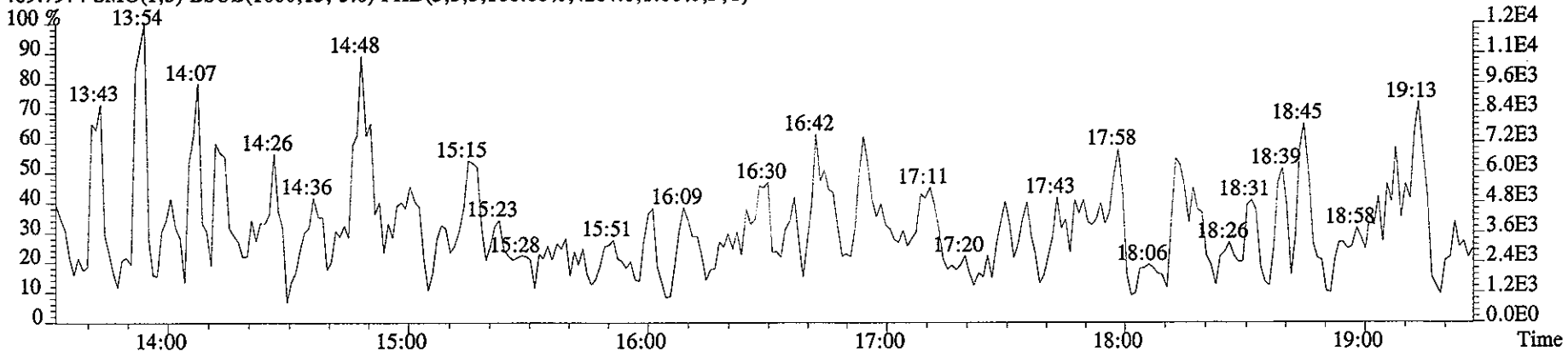
File:10JA061D5 #1-322 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
339.8597 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5256.0,1.00%,F,T)



341.8567 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8260.0,1.00%,F,T)

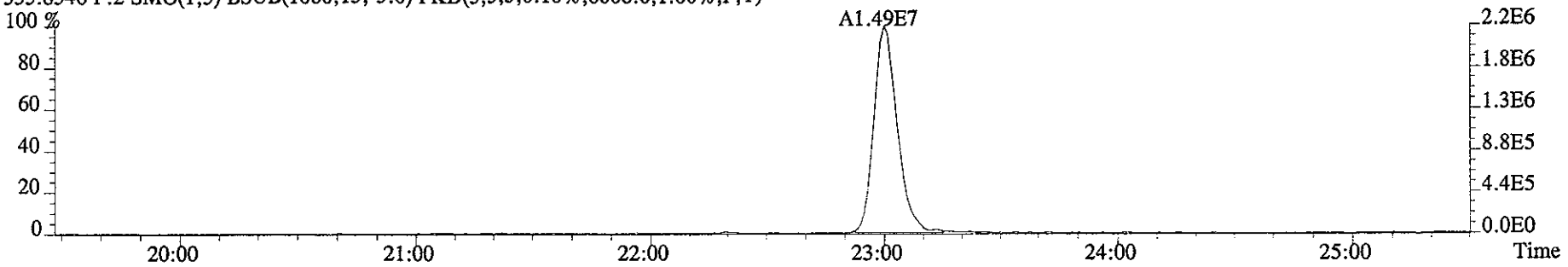


409.7974 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4204.0,1.00%,F,T)

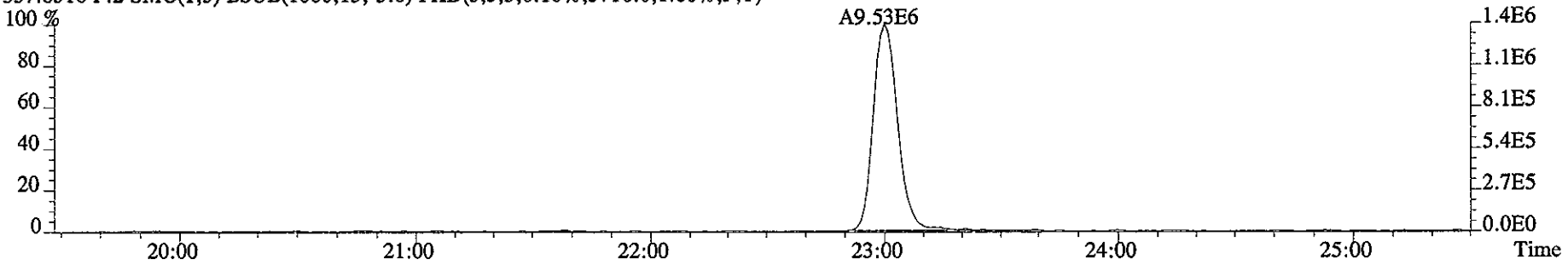


File:10JA061D5 #1-425 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN

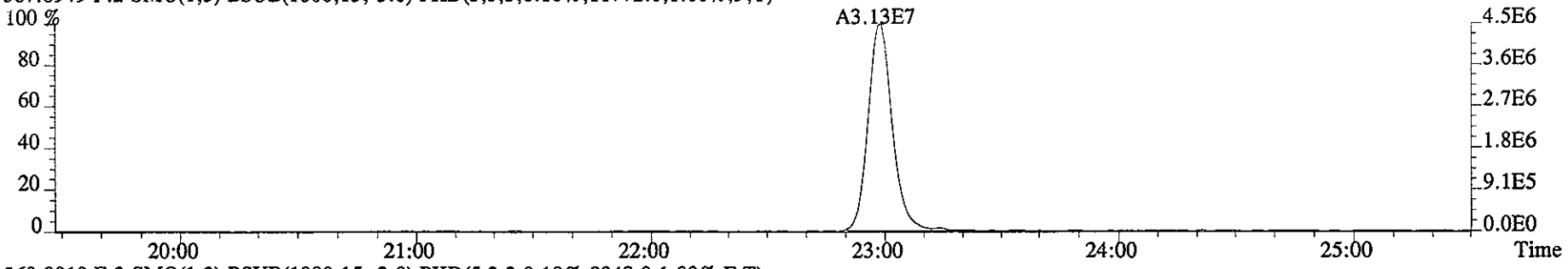
355.8546 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8008.0,1.00%,F,T)



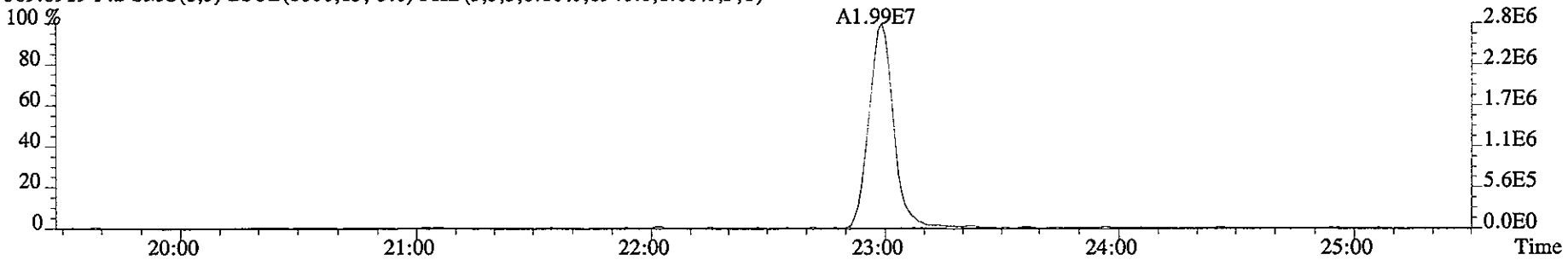
357.8516 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5716.0,1.00%,F,T)



367.8949 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11772.0,1.00%,F,T)

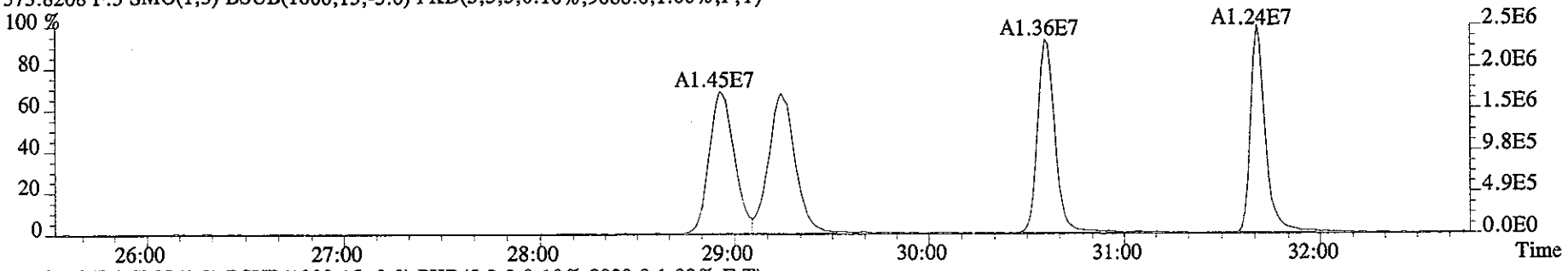


369.8919 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8948.0,1.00%,F,T)

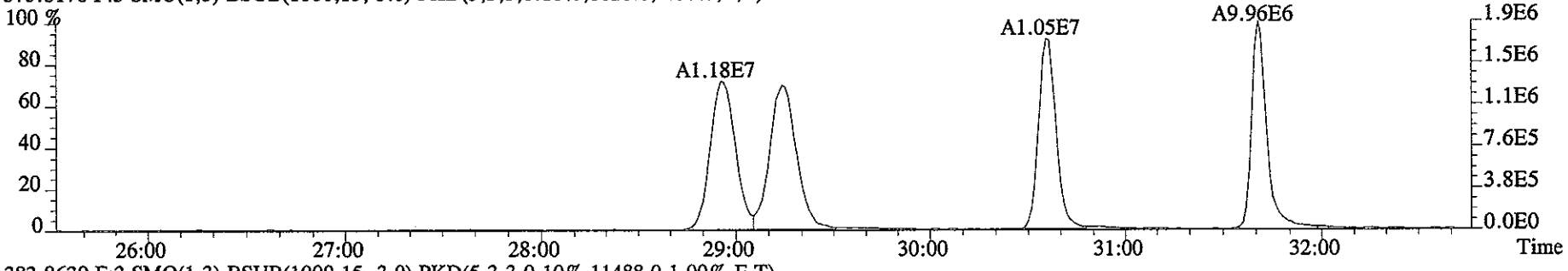


File:10JA061D5 #1-487 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN

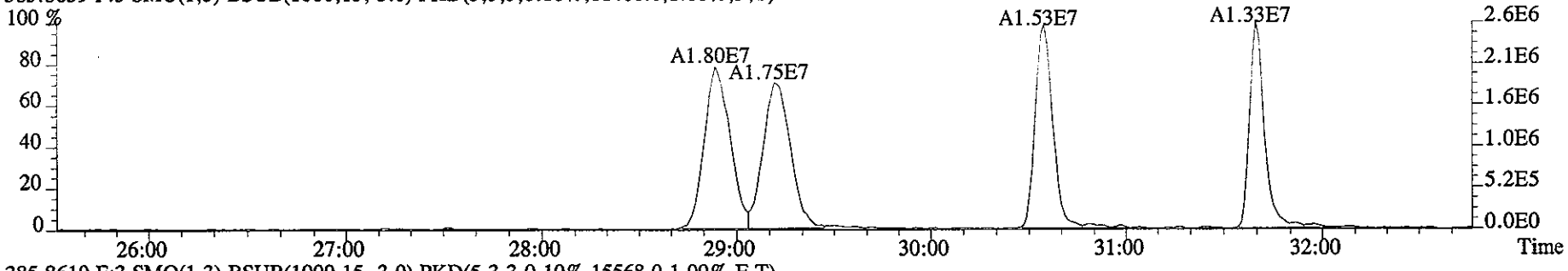
373.8208 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9088.0,1.00%,F,T)



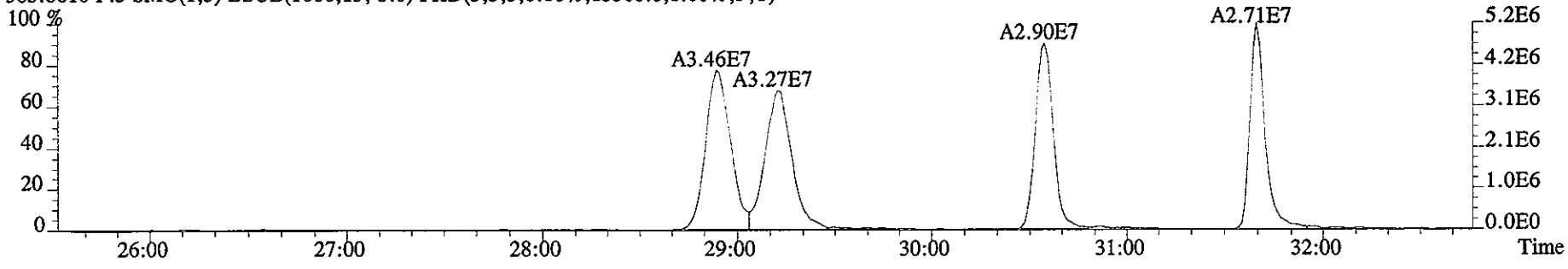
375.8178 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8020.0,1.00%,F,T)



383.8639 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11488.0,1.00%,F,T)

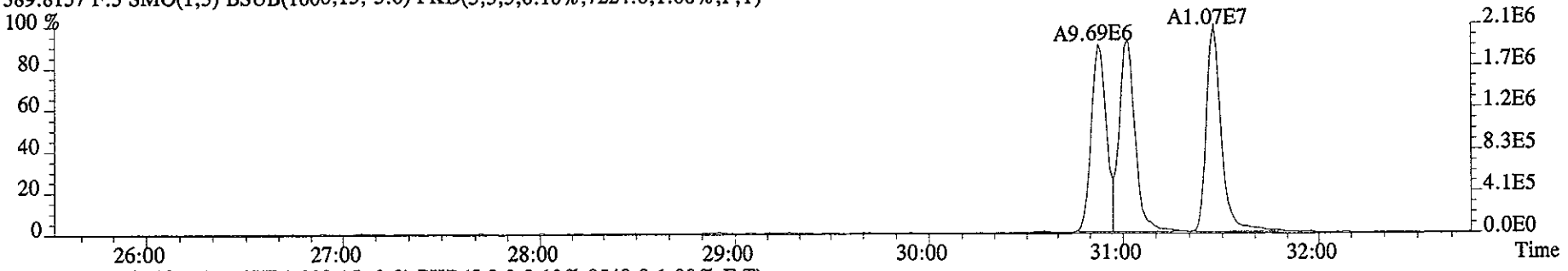


385.8610 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15568.0,1.00%,F,T)

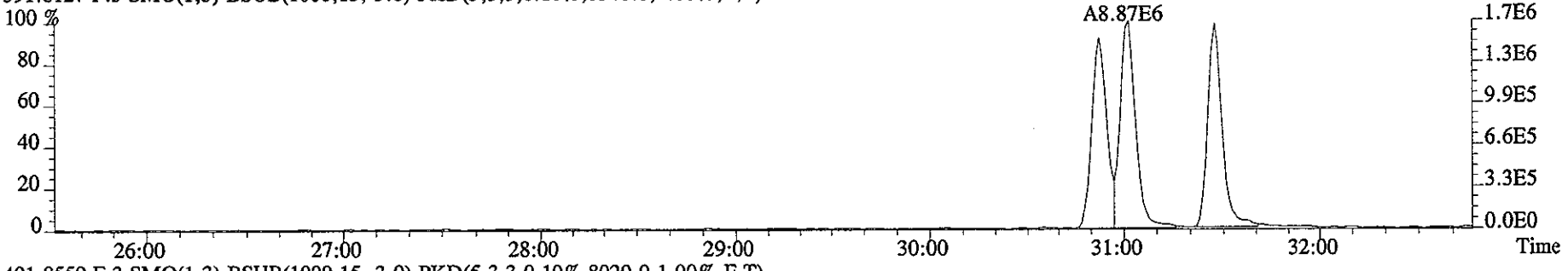


File:10JA061D5 #1-487 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN

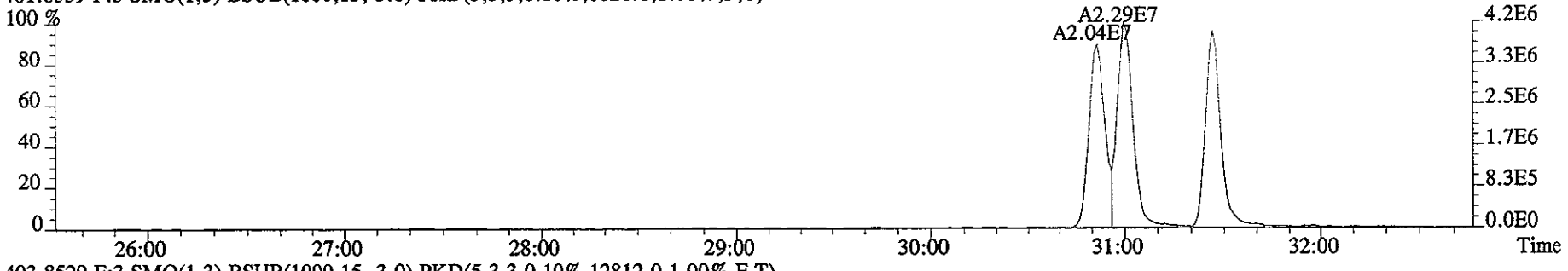
389.8157 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7224.0,1.00%,F,T)



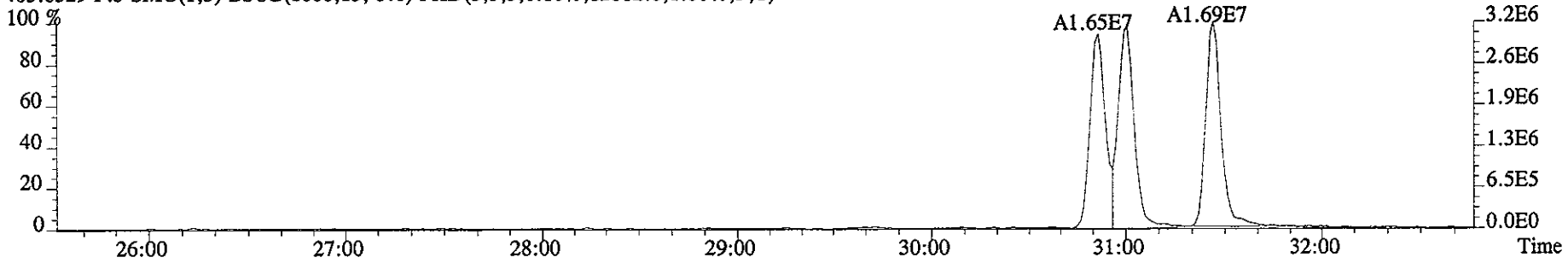
391.8127 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8548.0,1.00%,F,T)



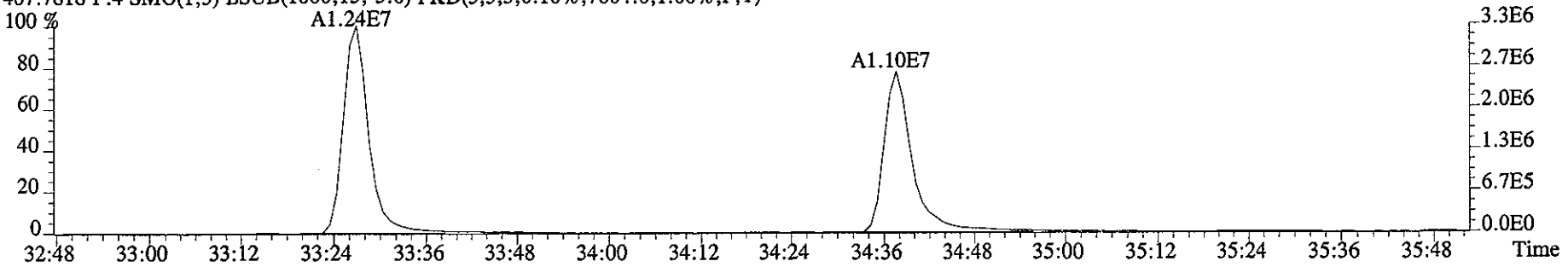
401.8559 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8020.0,1.00%,F,T)



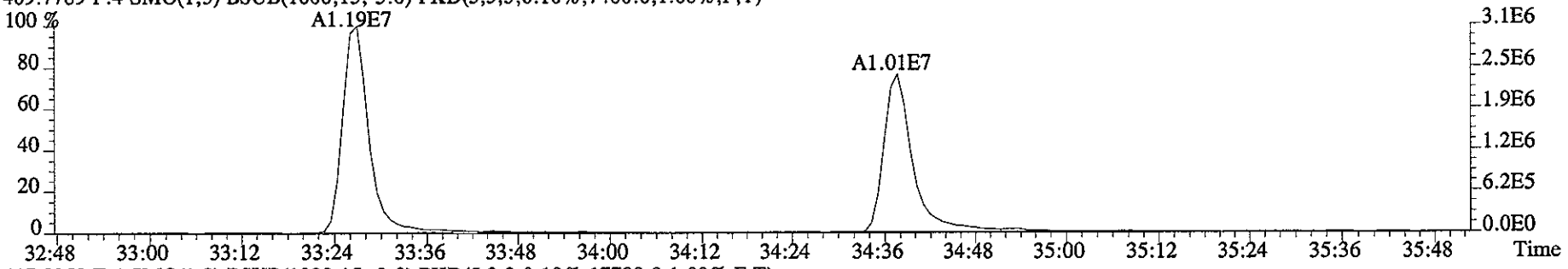
403.8529 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12812.0,1.00%,F,T)



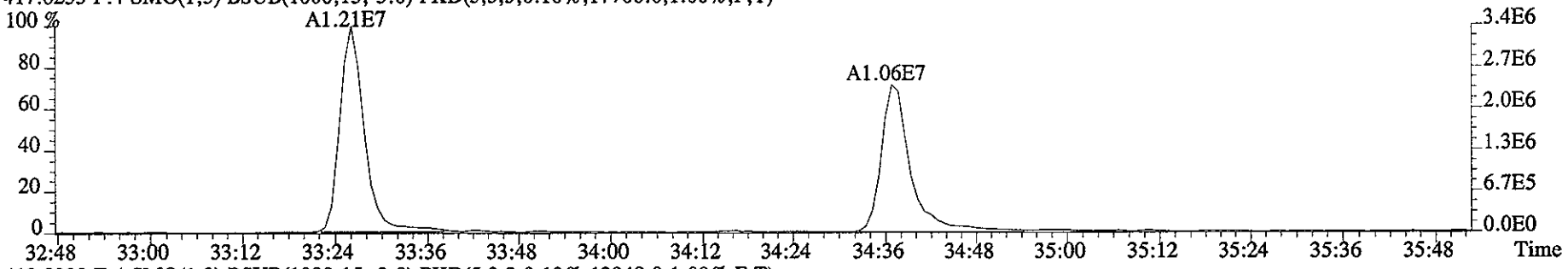
File:10JA061D5 #1-218 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
407.7818 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7804.0,1.00%,F,T)



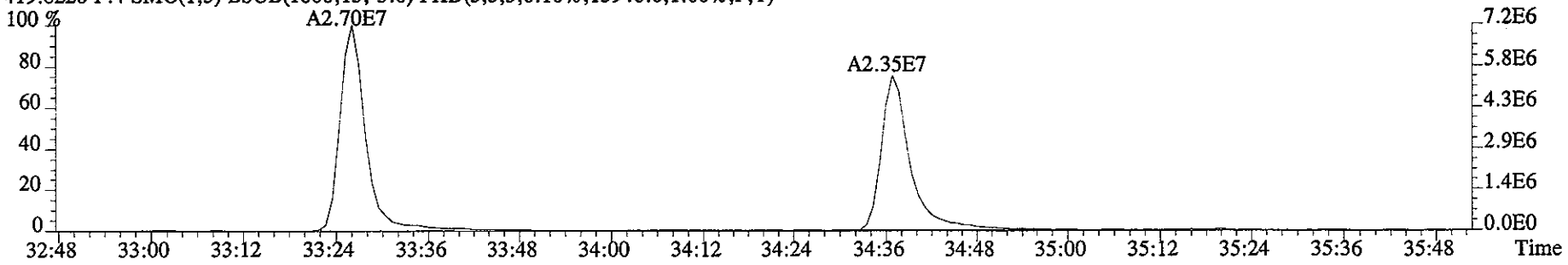
409.7789 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7400.0,1.00%,F,T)



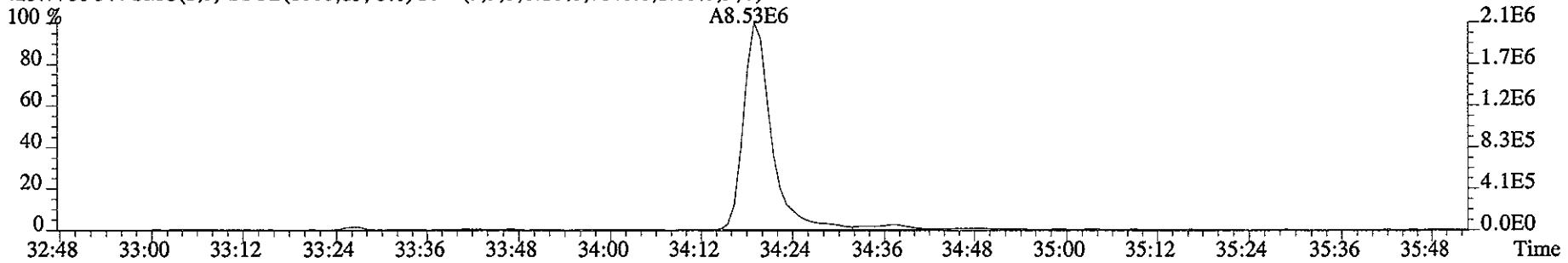
417.8253 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17700.0,1.00%,F,T)



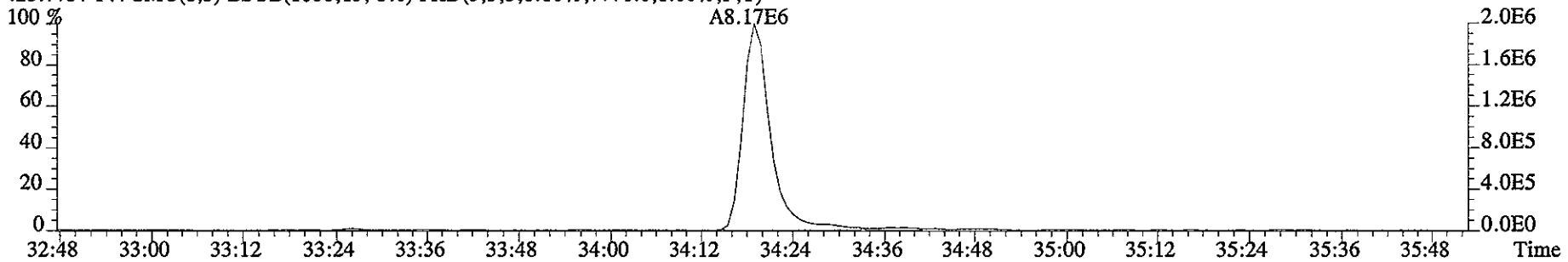
419.8220 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13948.0,1.00%,F,T)



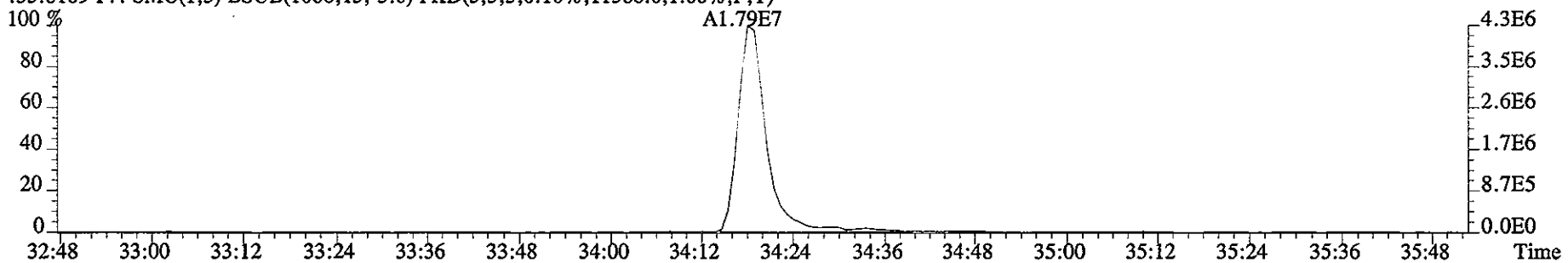
File:10JA061D5 #1-218 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
423.7766 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7848.0,1.00%,F,T)



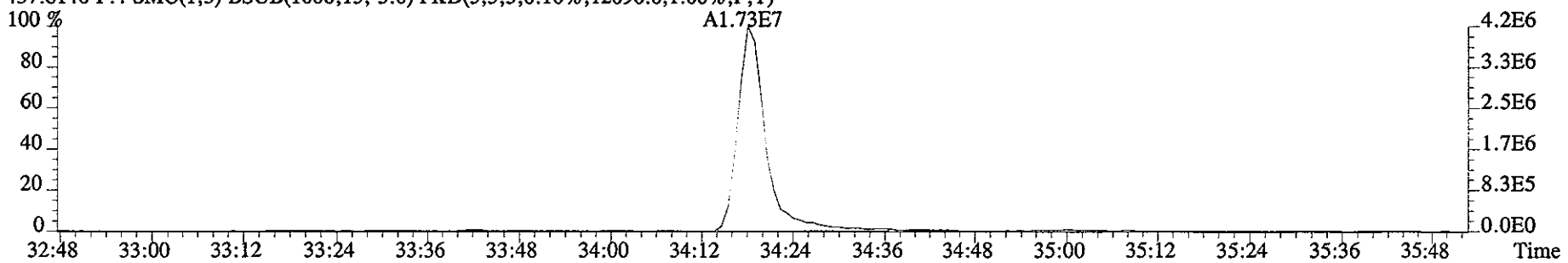
425.7737 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7776.0,1.00%,F,T)



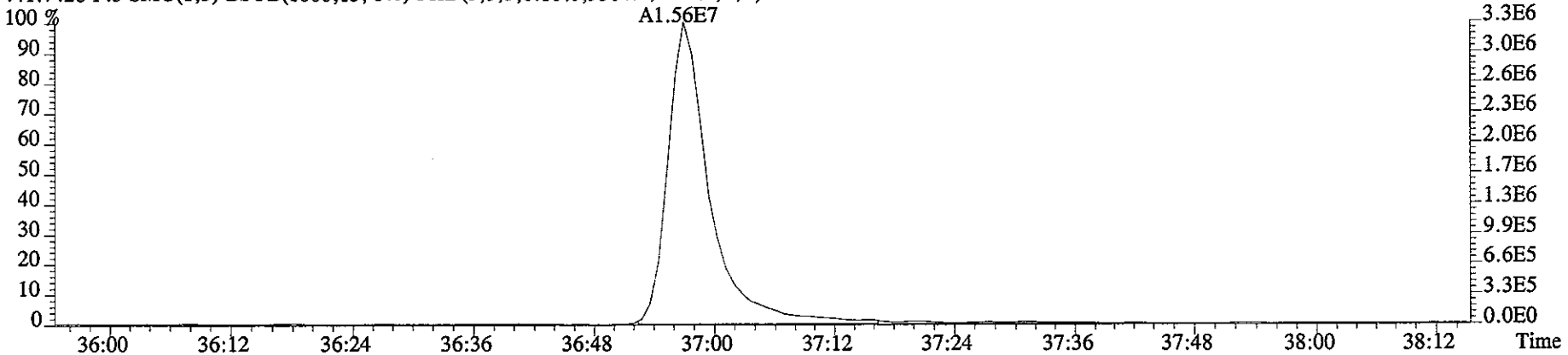
435.8169 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11388.0,1.00%,F,T)



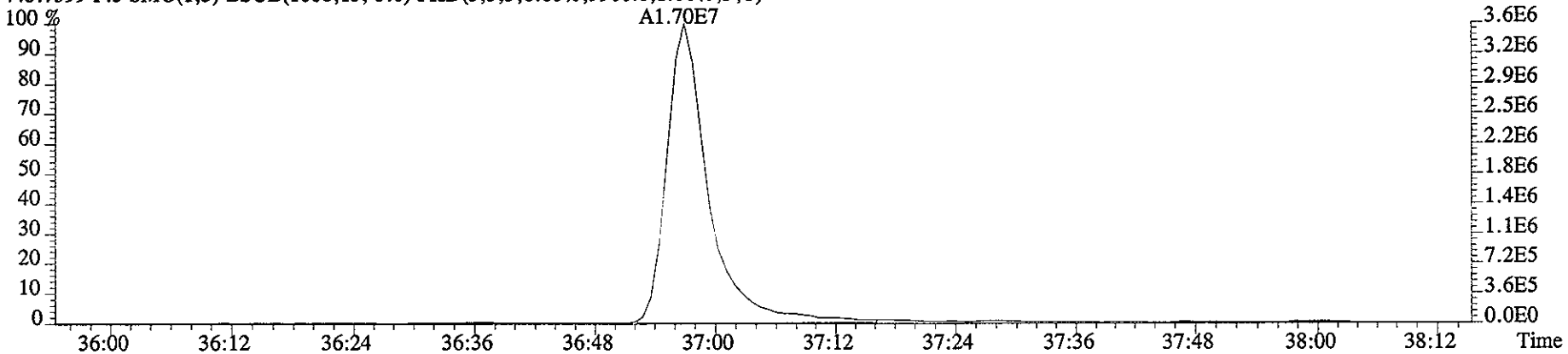
437.8140 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12096.0,1.00%,F,T)



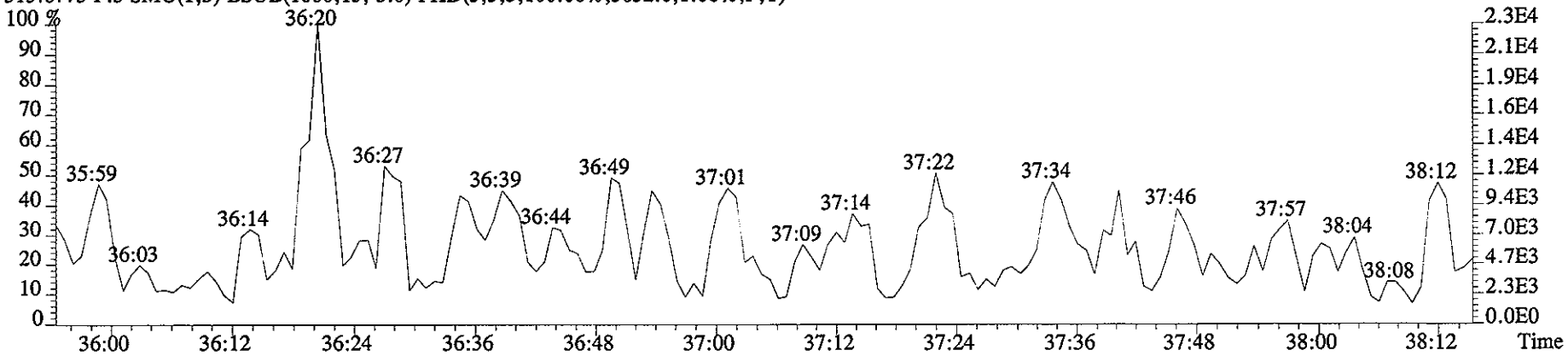
File:10JA061D5 #1-170 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
441.7428 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9304.0,1.00%,F,T)



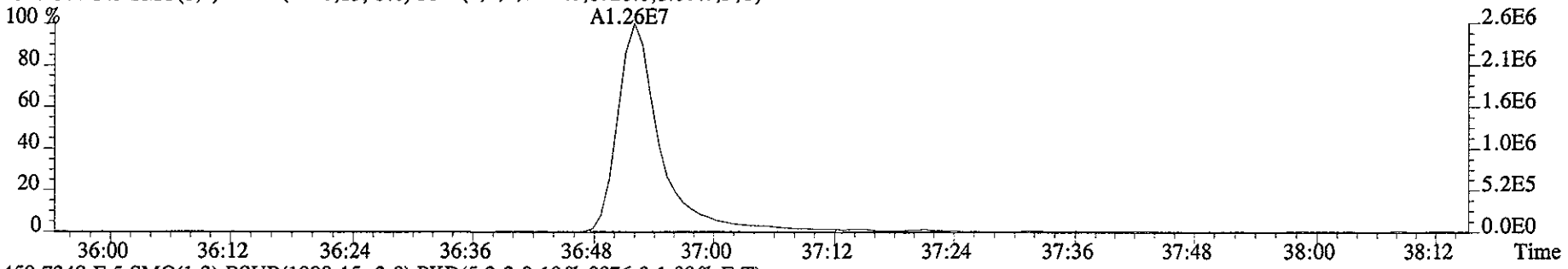
443.7399 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9900.0,1.00%,F,T)



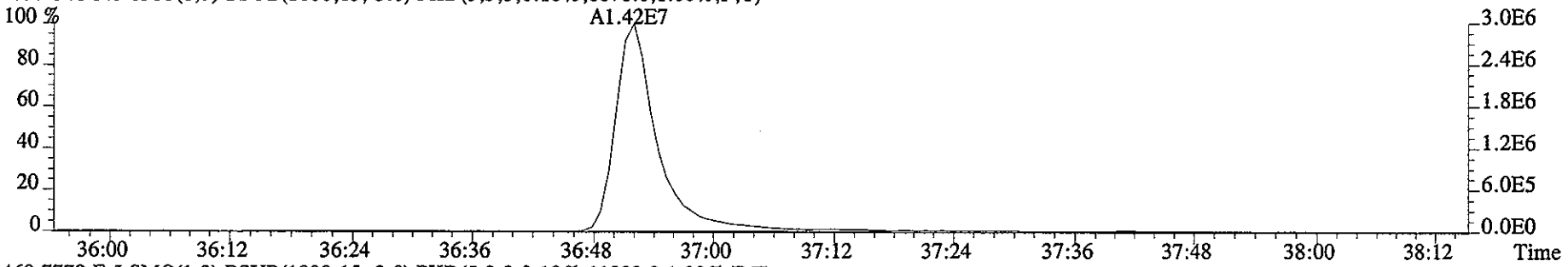
513.6775 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,5652.0,1.00%,F,T)



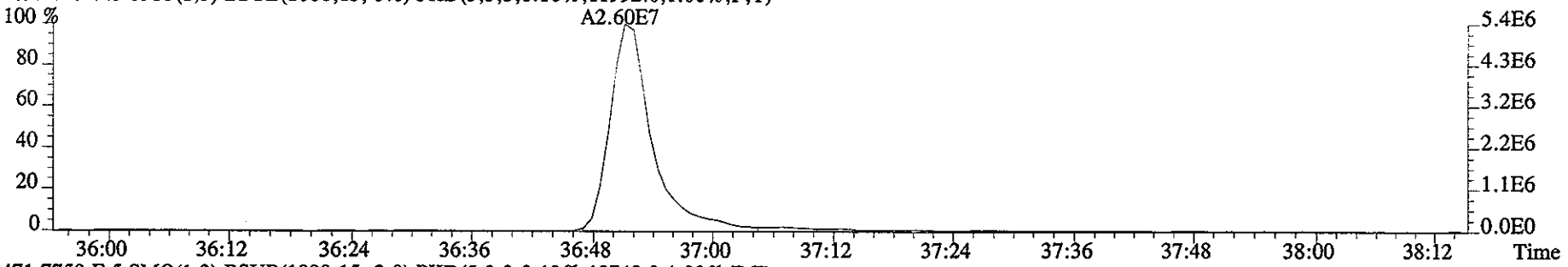
File:10JA061D5 #1-170 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
457.7377 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8728.0,1.00%,F,T)



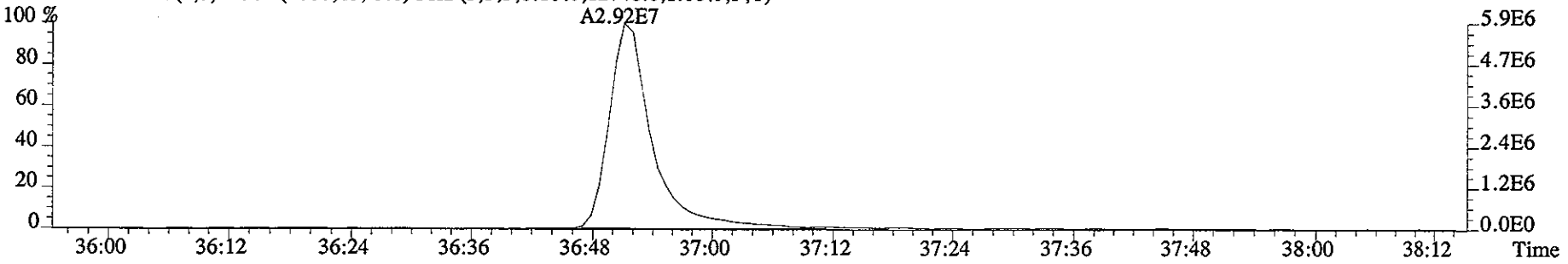
459.7348 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8876.0,1.00%,F,T)



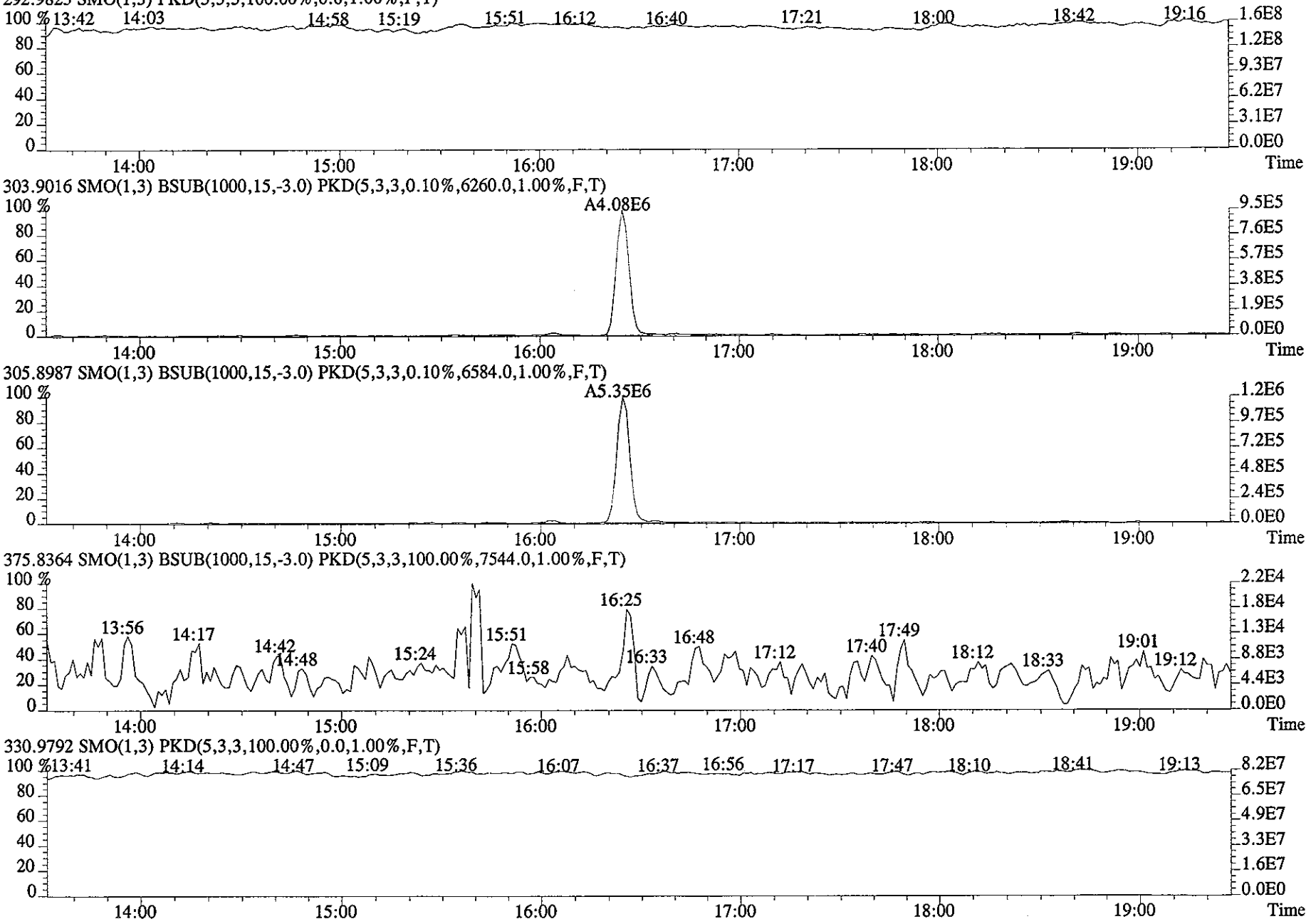
469.7779 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11992.0,1.00%,F,T)



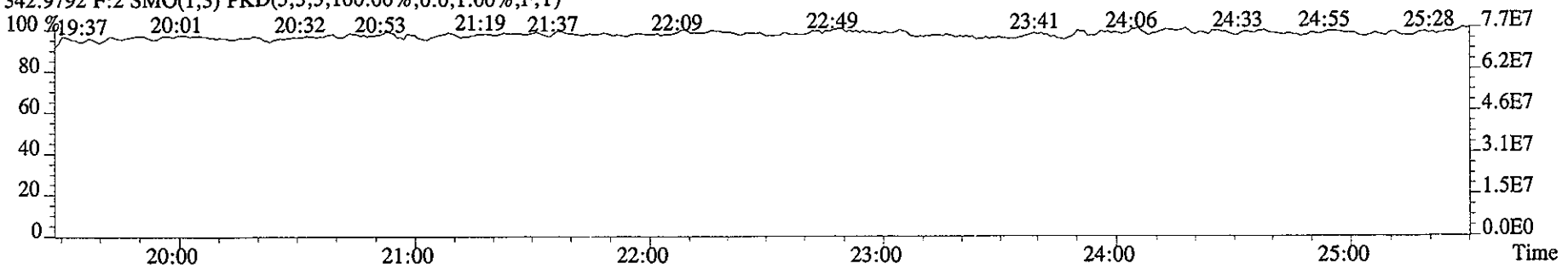
471.7750 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12748.0,1.00%,F,T)



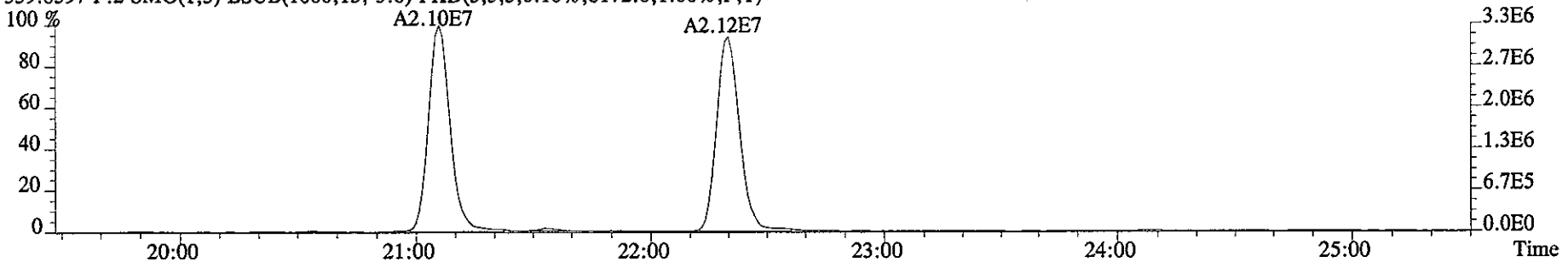
File:10JA061D5 #1-322 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN



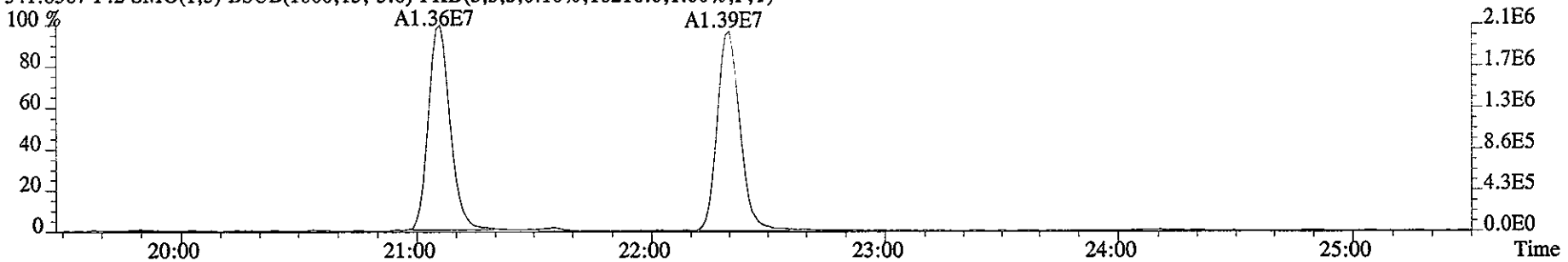
File:10JA061D5 #1-425 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
342.9792 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



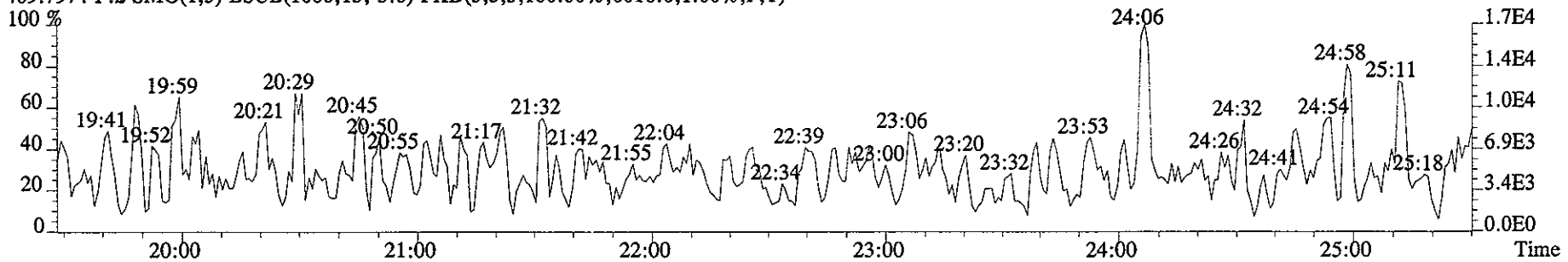
339.8597 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8172.0,1.00%,F,T)



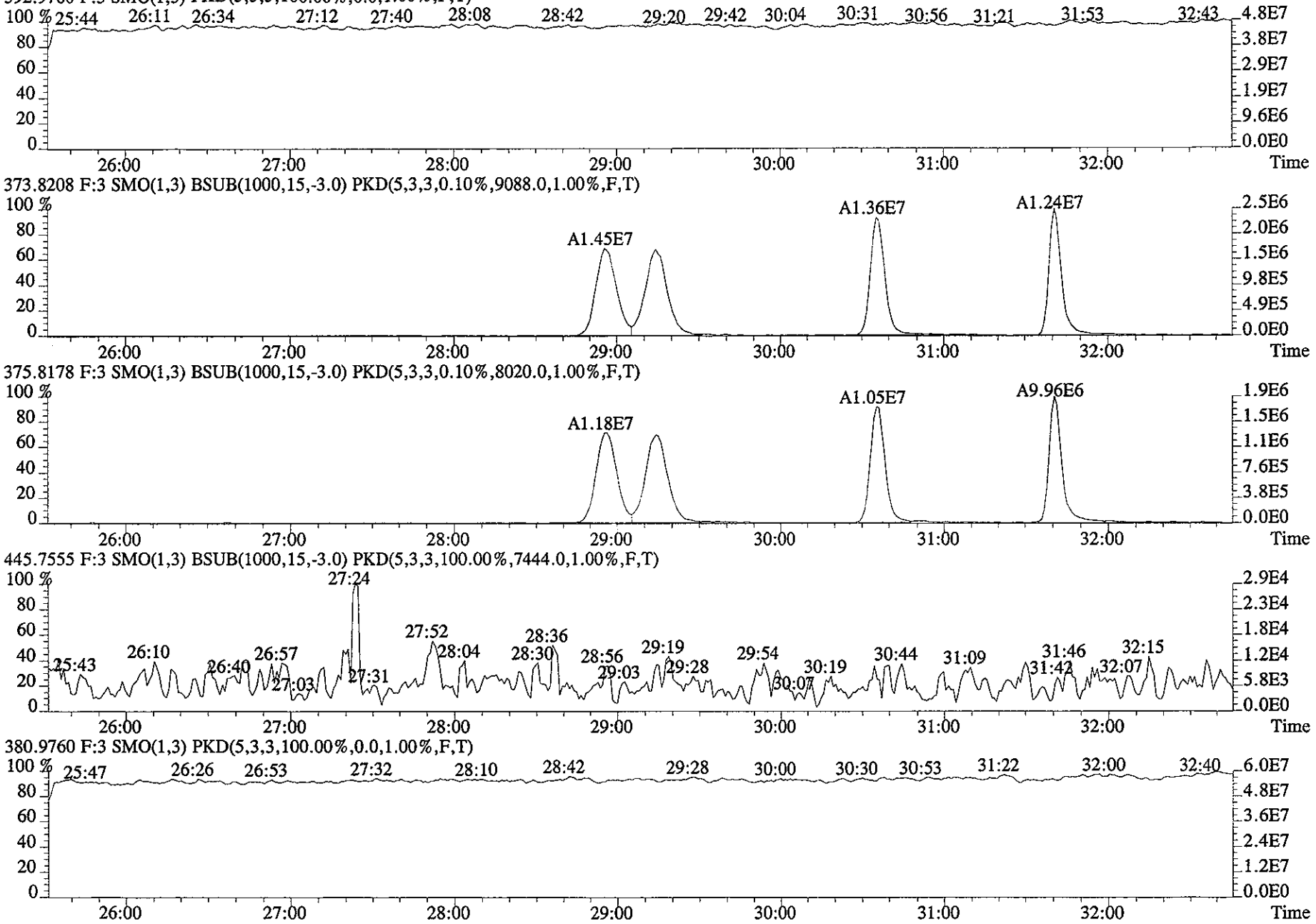
341.8567 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10216.0,1.00%,F,T)



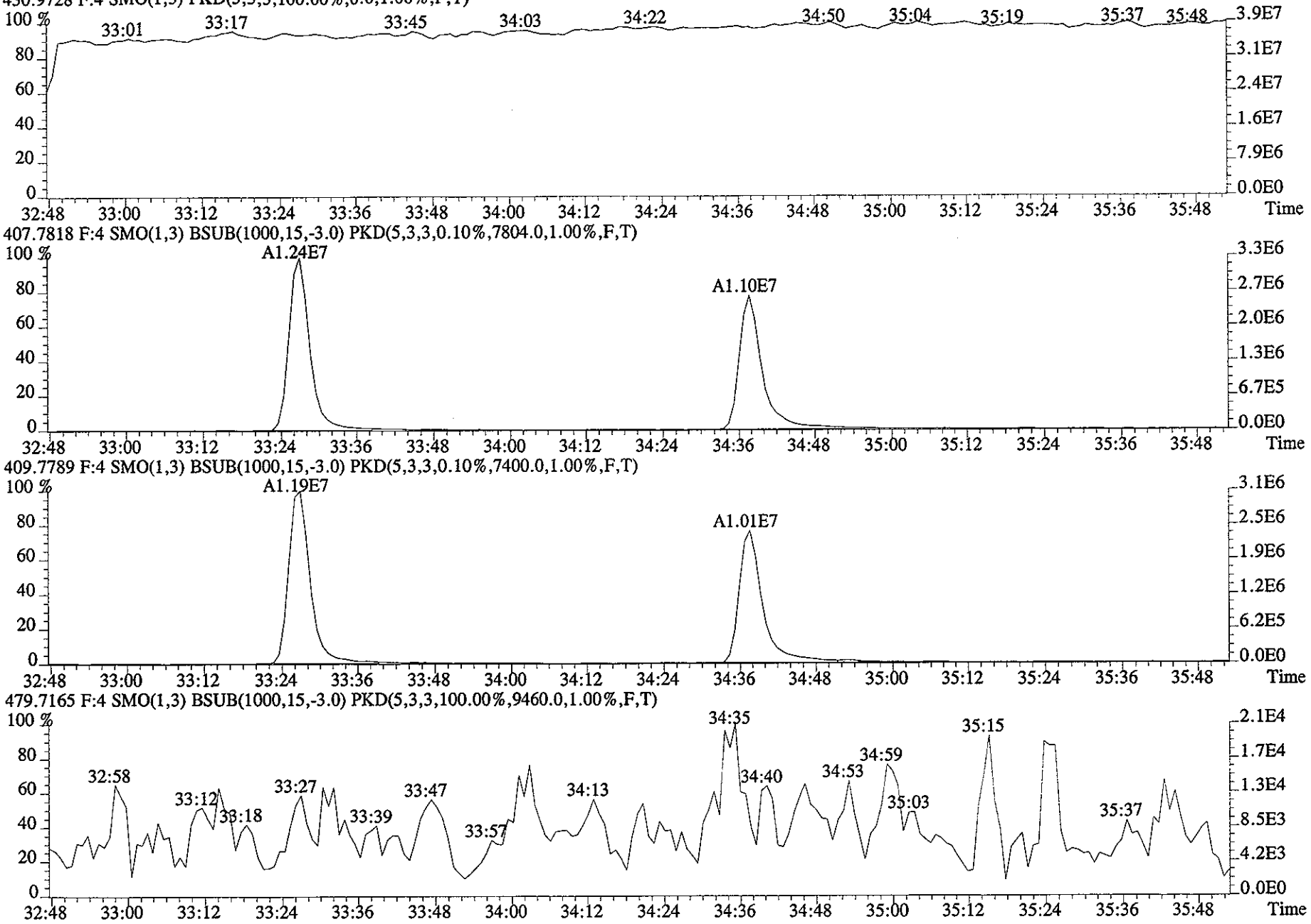
409.7974 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6016.0,1.00%,F,T)



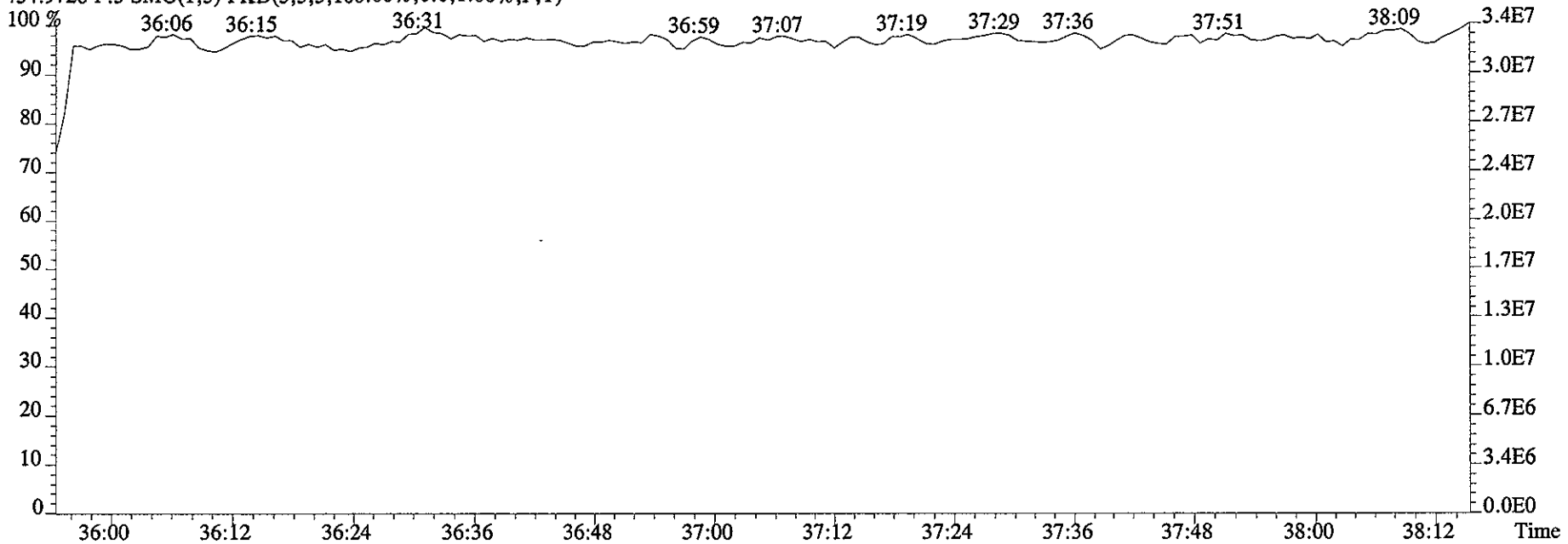
File:10JA061D5 #1-487 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN



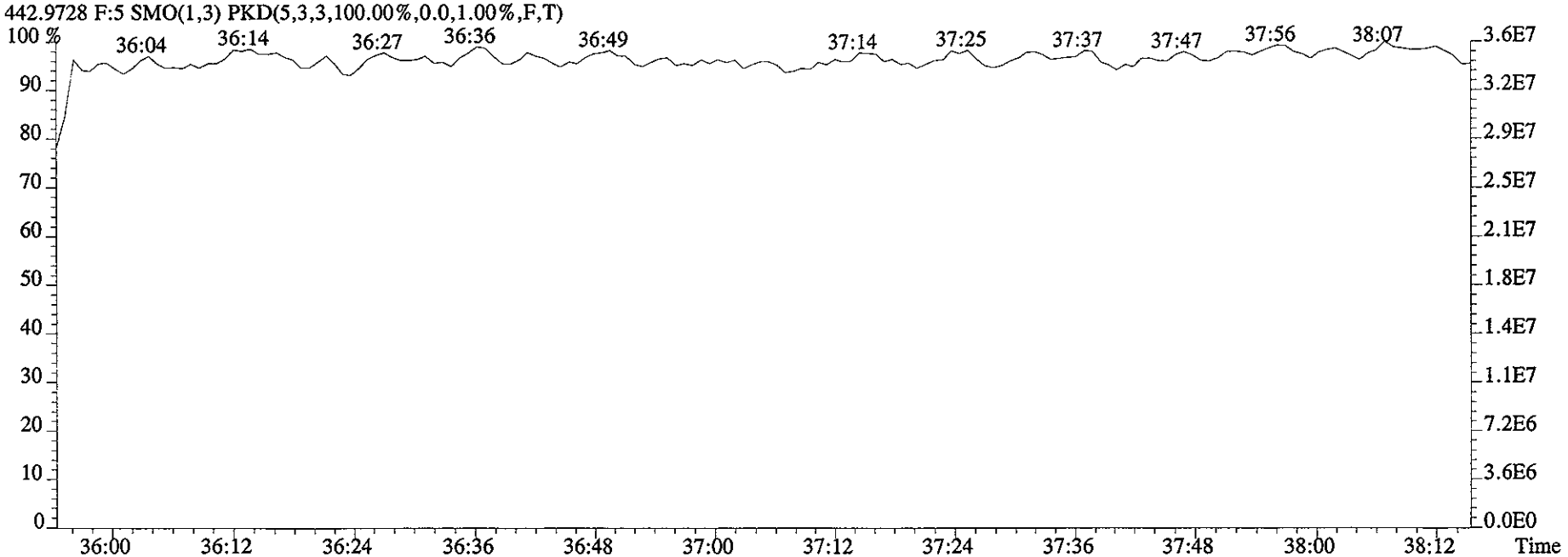
File:10JA061D5 #1-218 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN



File:10JA061D5 #1-170 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
454.9728 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

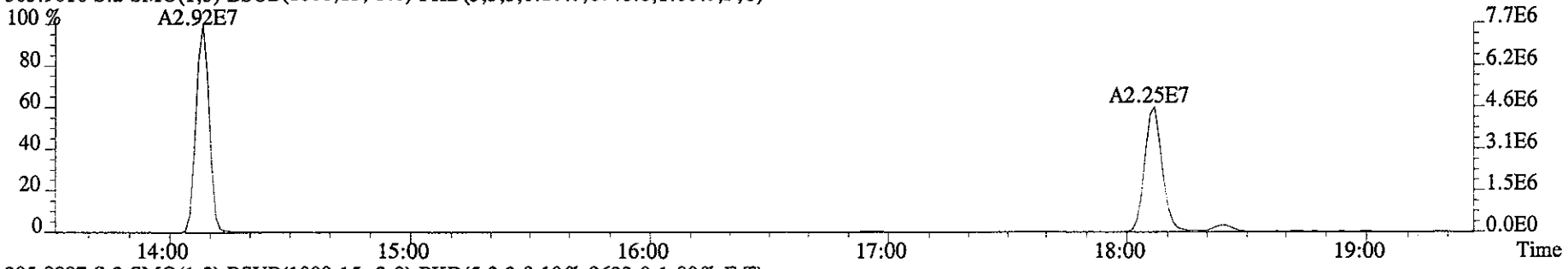


442.9728 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

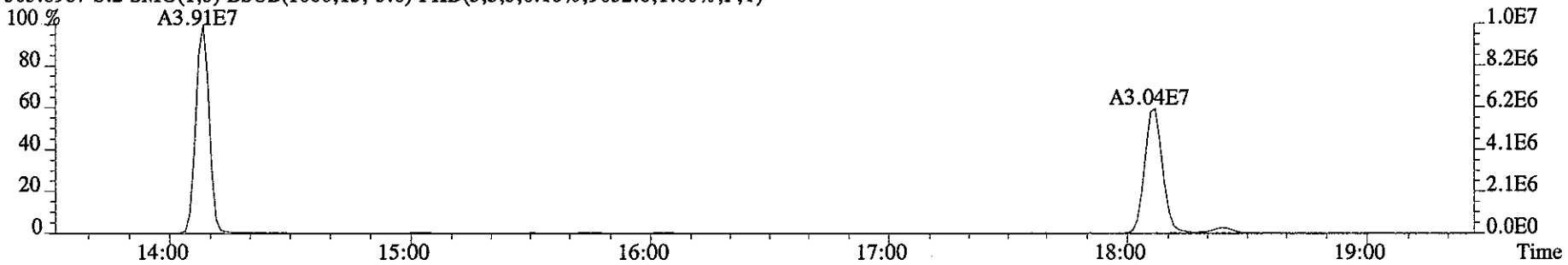


File:10JA061D5 #1-322 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

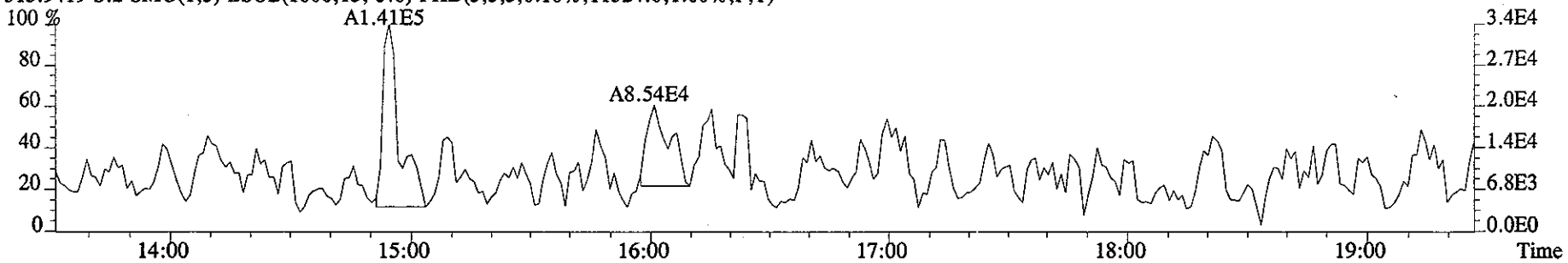
303.9016 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6748.0,1.00%,F,T)



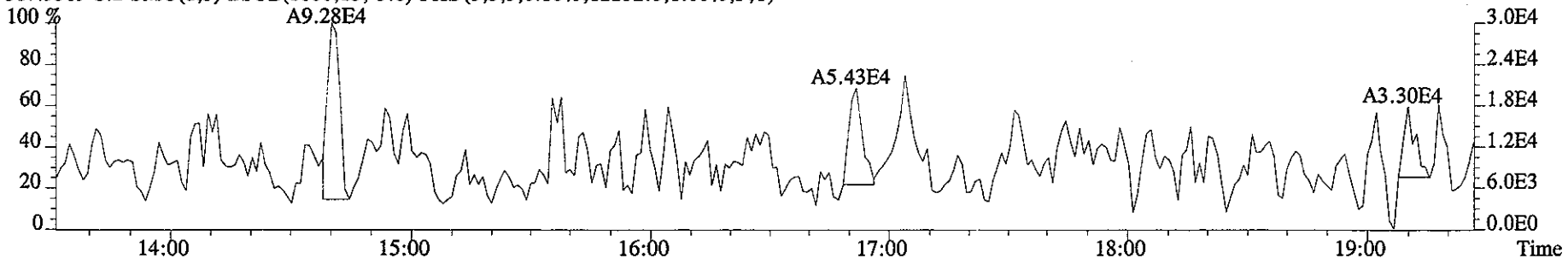
305.8987 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9632.0,1.00%,F,T)



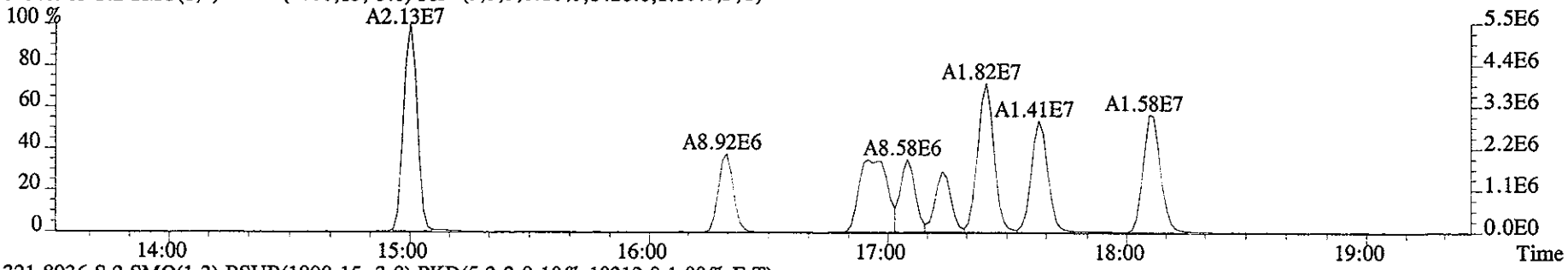
315.9419 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11524.0,1.00%,F,T)



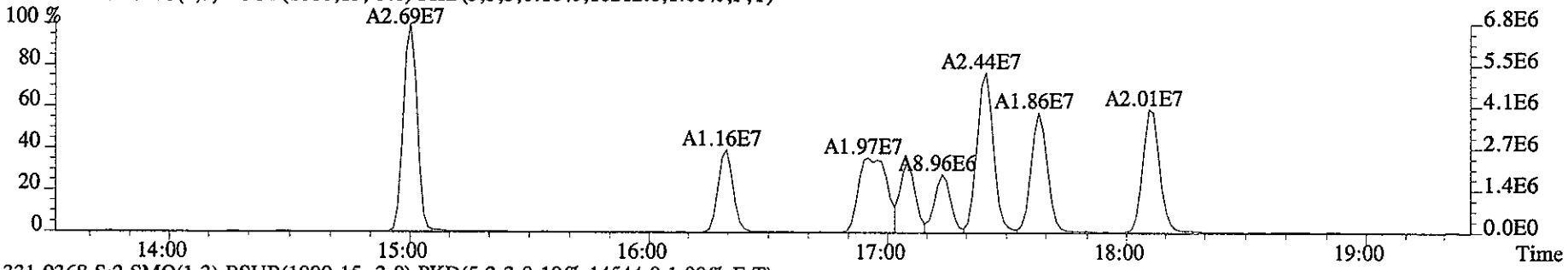
317.9389 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12232.0,1.00%,F,T)



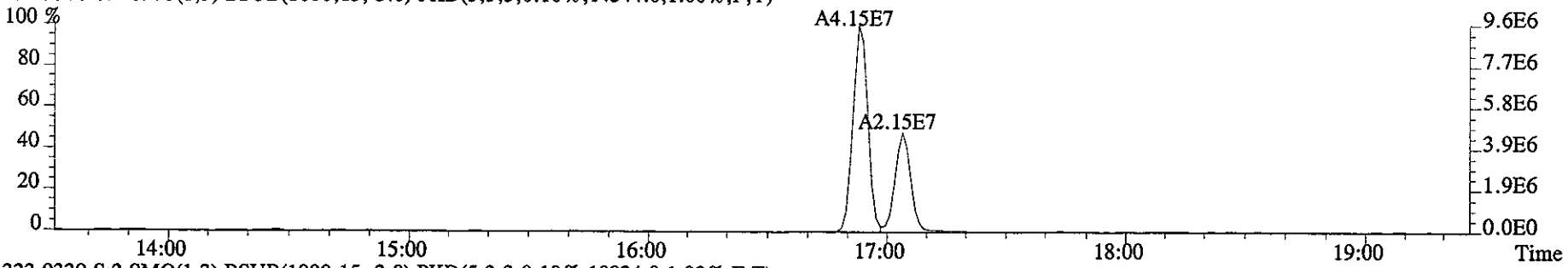
File:10JA061D5 #1-322 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
319.8965 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8428.0,1.00%,F,T)



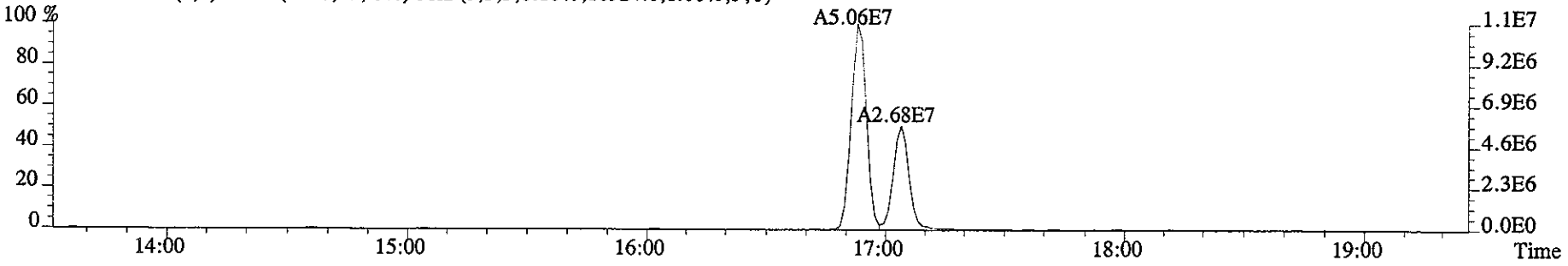
321.8936 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10212.0,1.00%,F,T)



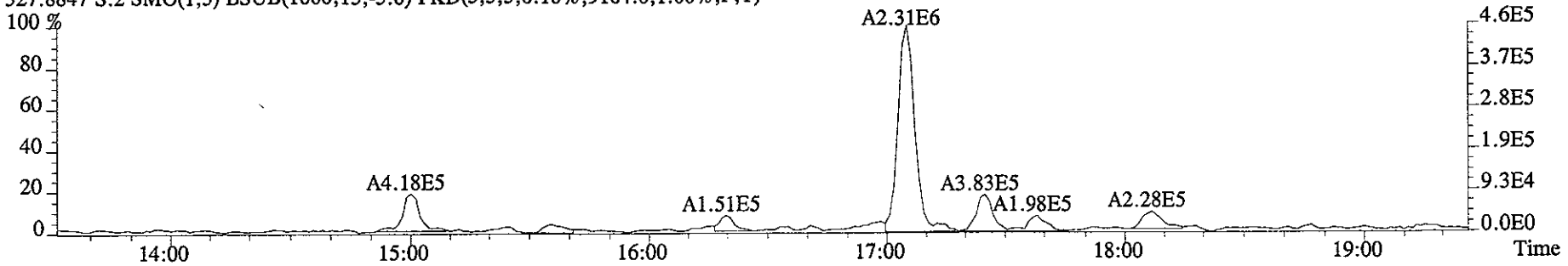
331.9368 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14544.0,1.00%,F,T)



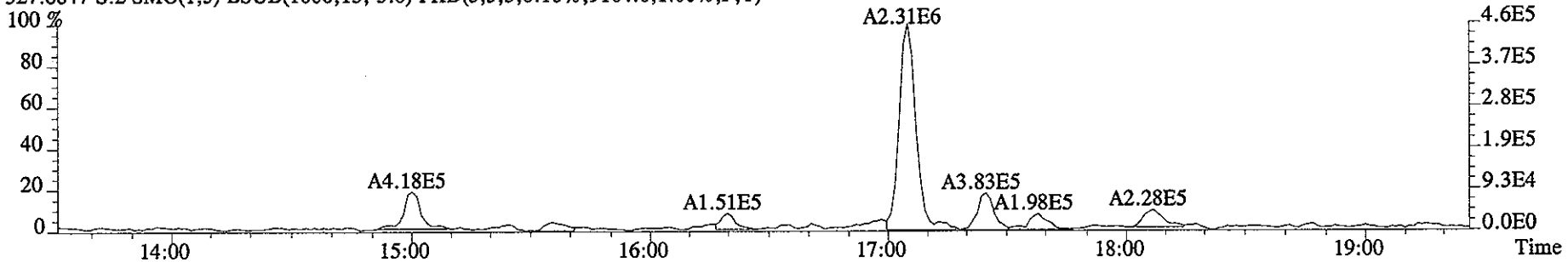
333.9339 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10924.0,1.00%,F,T)



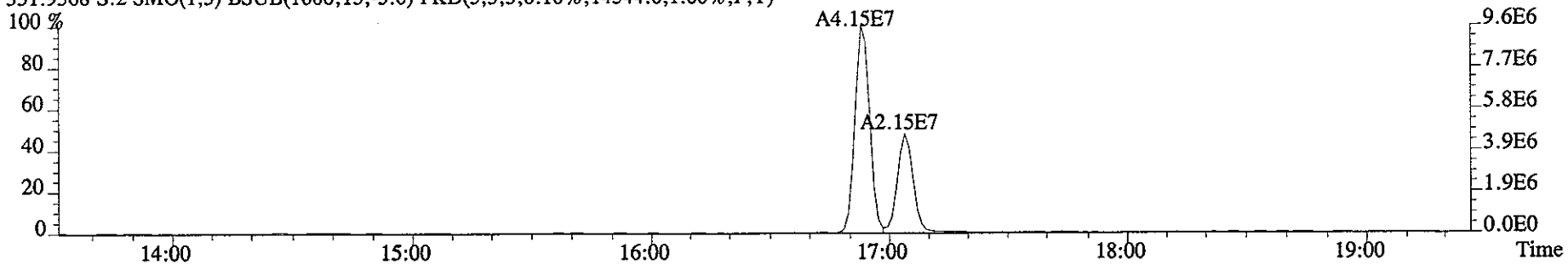
File:10JA061D5 #1-322 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
327.8847 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9164.0,1.00%,F,T)



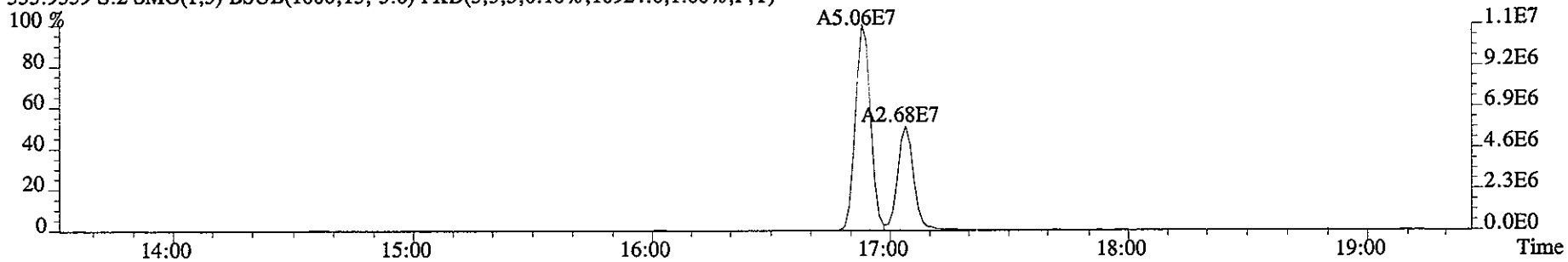
327.8847 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9164.0,1.00%,F,T)



331.9368 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14544.0,1.00%,F,T)

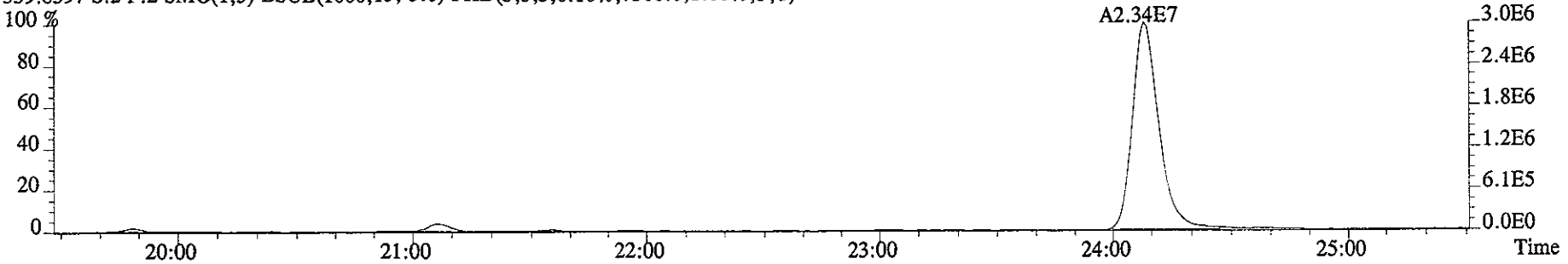


333.9339 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10924.0,1.00%,F,T)

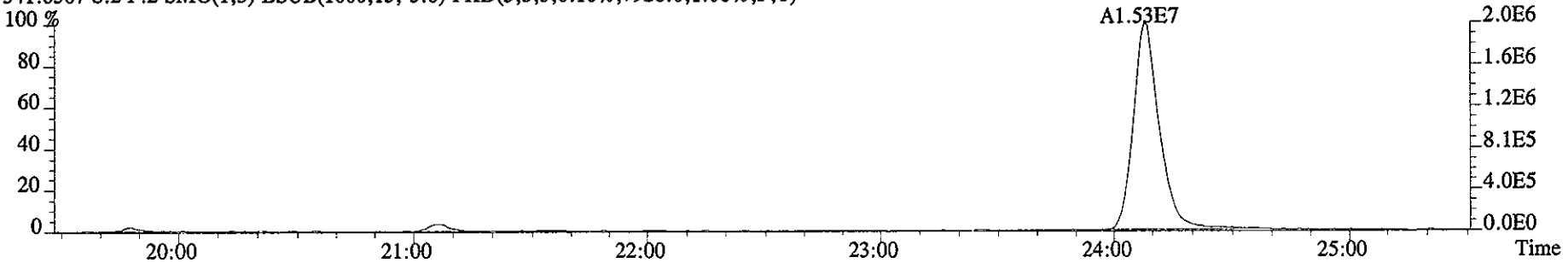


File:10JA061D5 #1-426 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

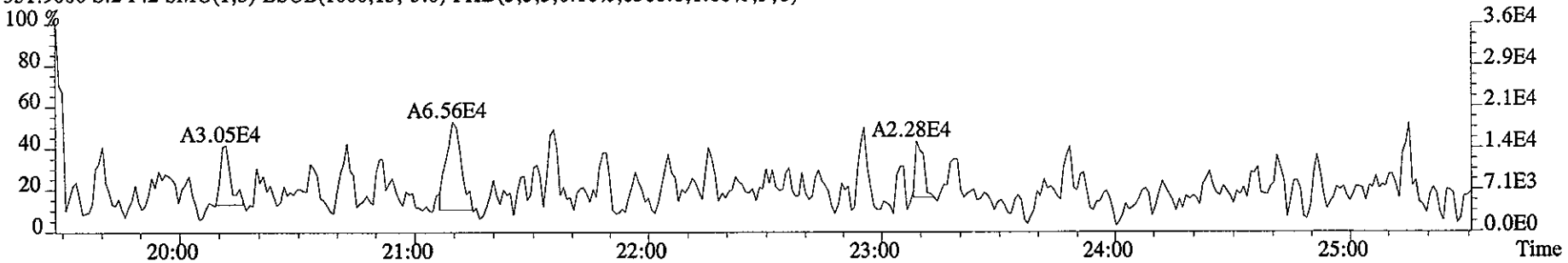
339.8597 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7360.0,1.00%,F,T)



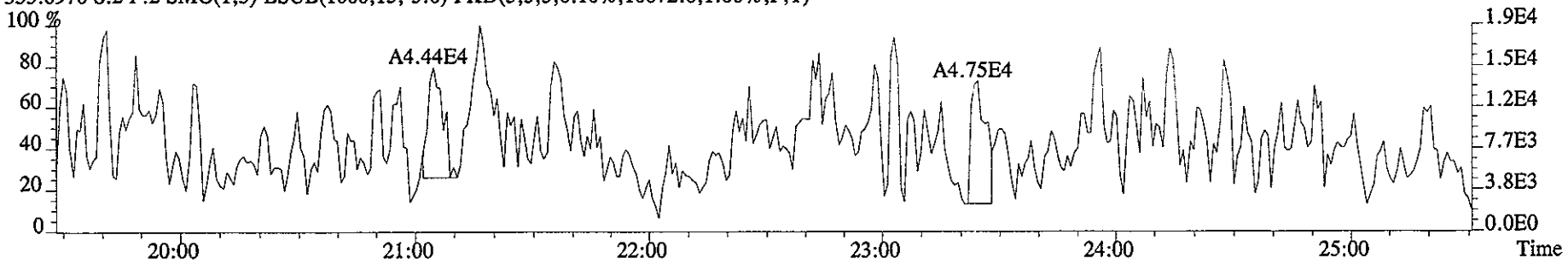
341.8567 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7928.0,1.00%,F,T)



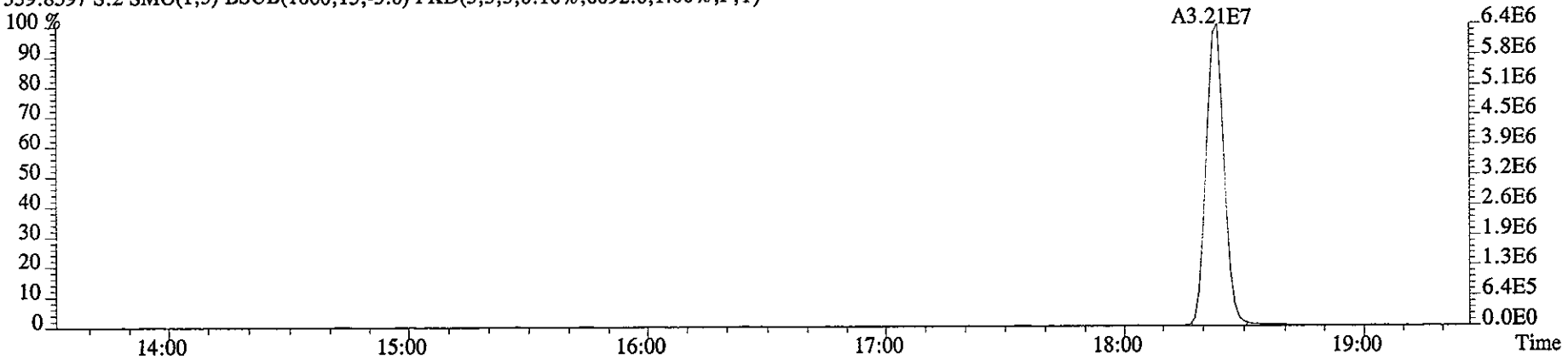
351.9000 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8368.0,1.00%,F,T)



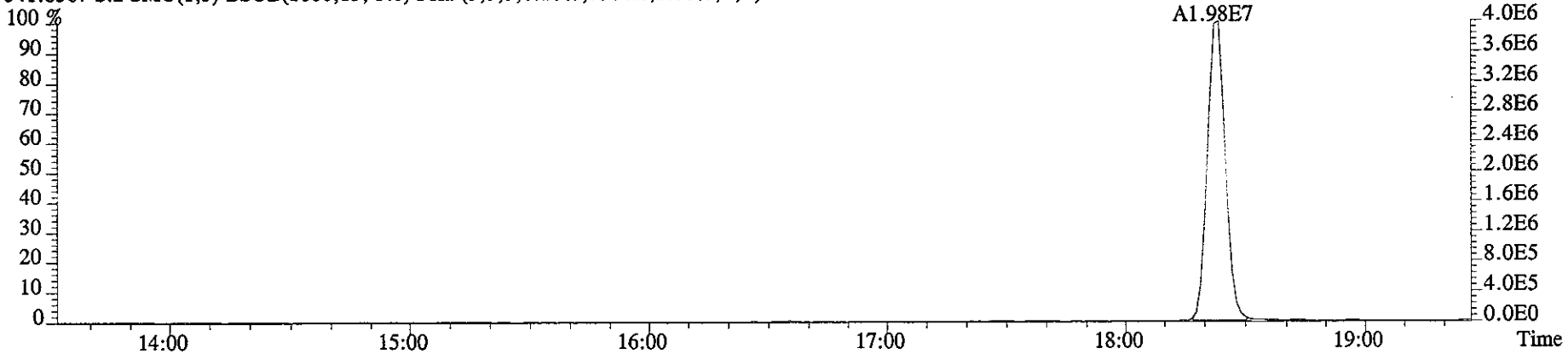
353.8970 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10072.0,1.00%,F,T)



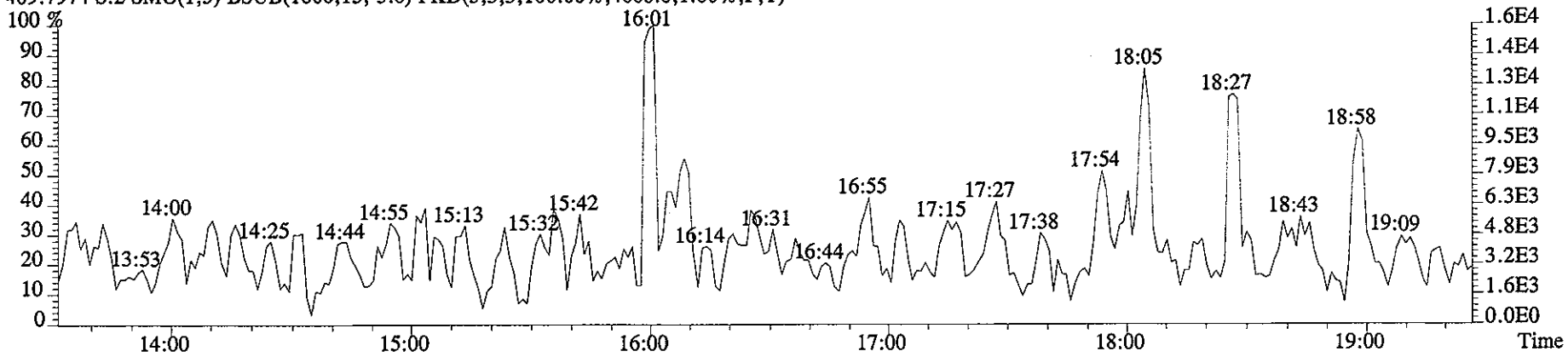
File:10JA061D5 #1-322 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
339.8597 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6092.0,1.00%,F,T)



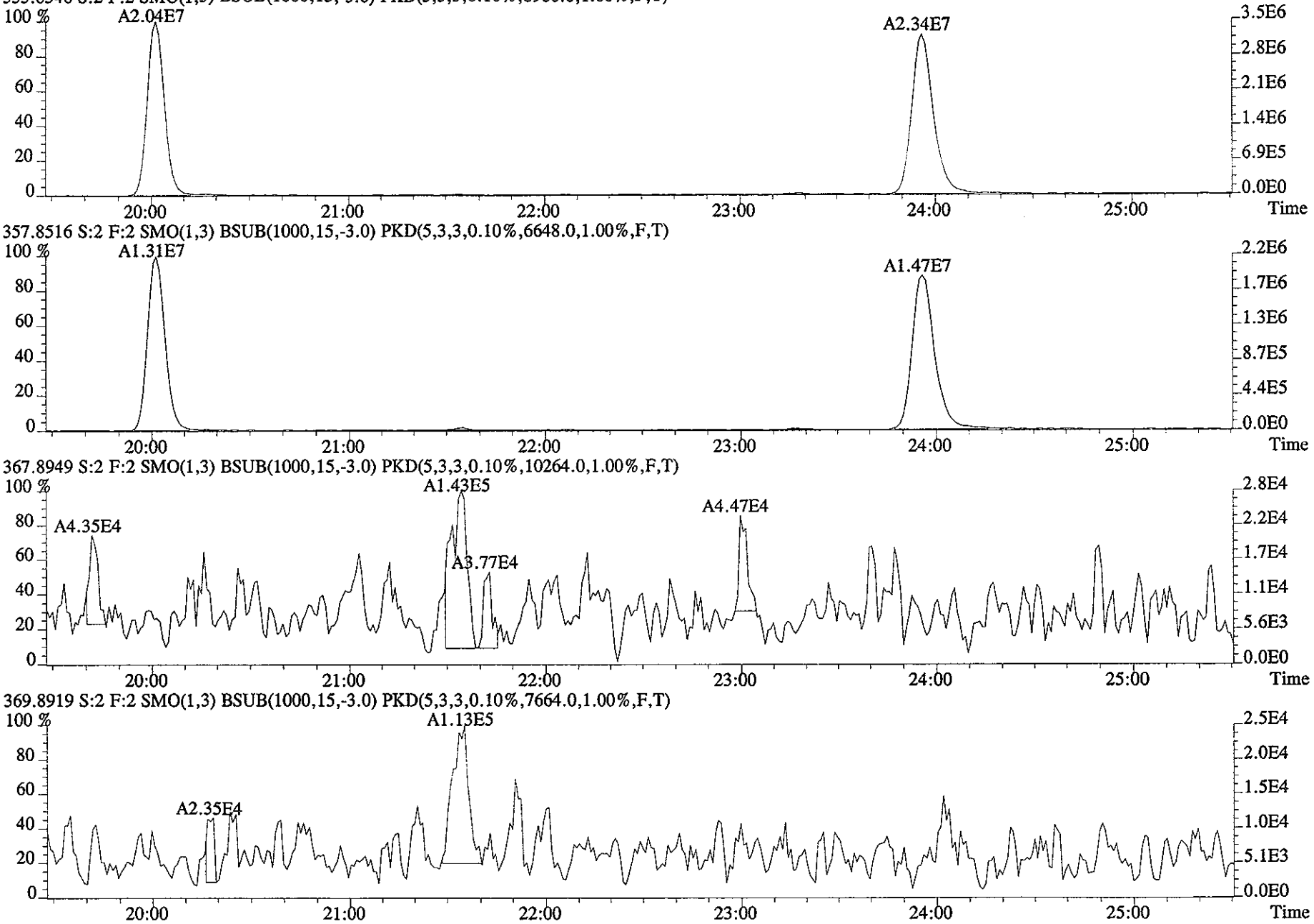
341.8567 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7384.0,1.00%,F,T)



409.7974 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4668.0,1.00%,F,T)

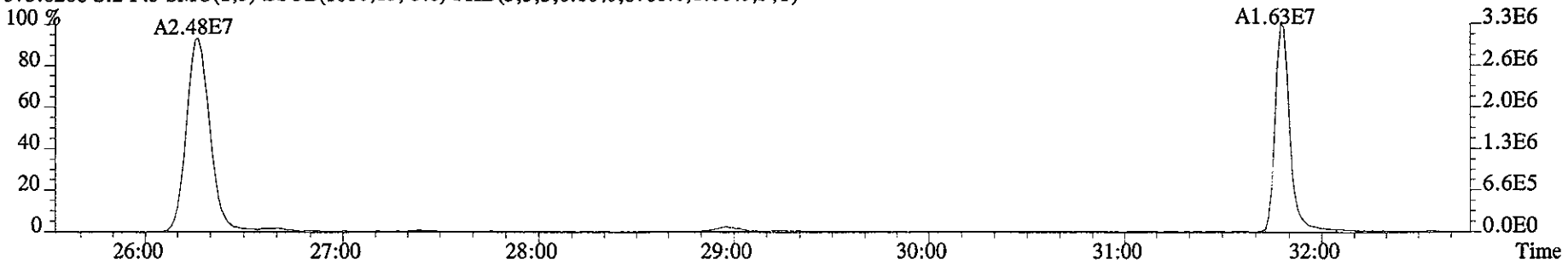


File:10JA061D5 #1-426 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

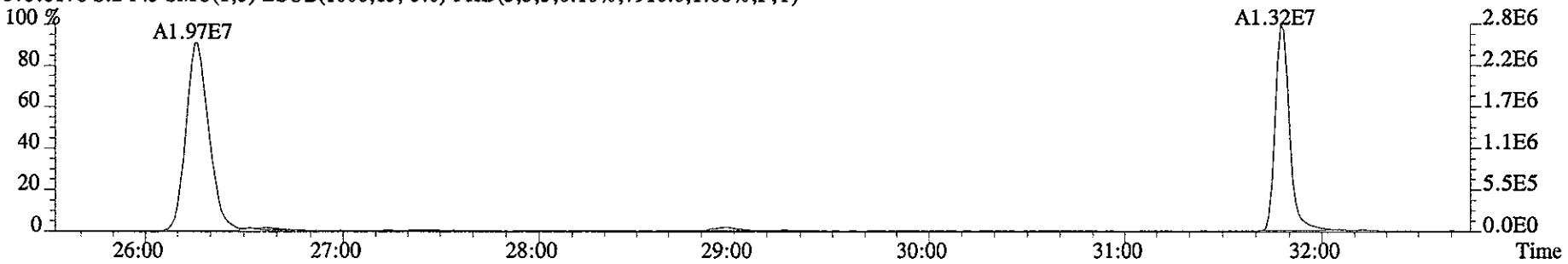


File:10JA061D5 #1-486 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

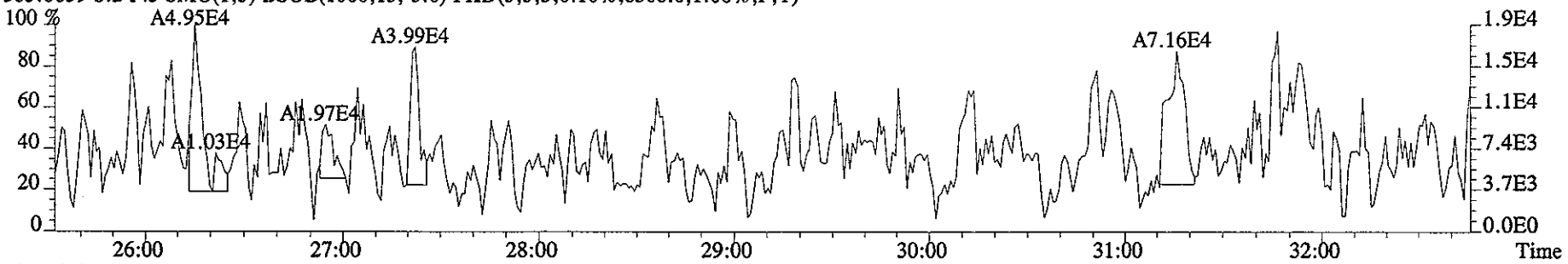
373.8208 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8780.0,1.00%,F,T)



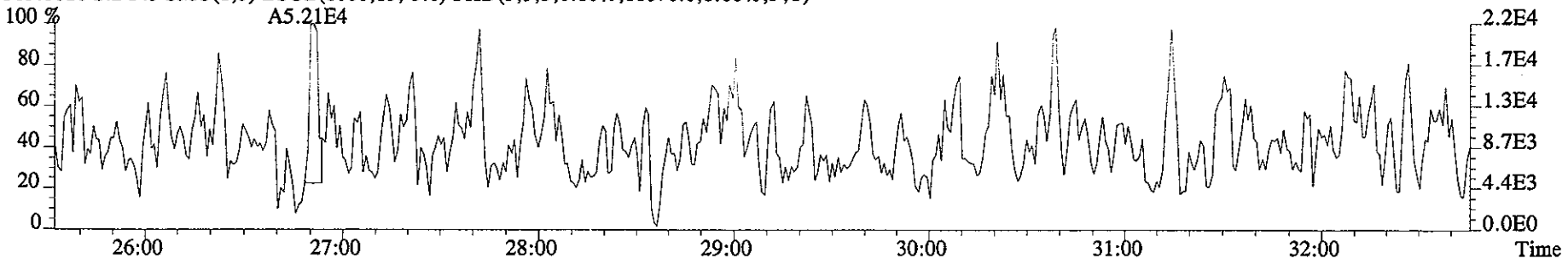
375.8178 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7916.0,1.00%,F,T)



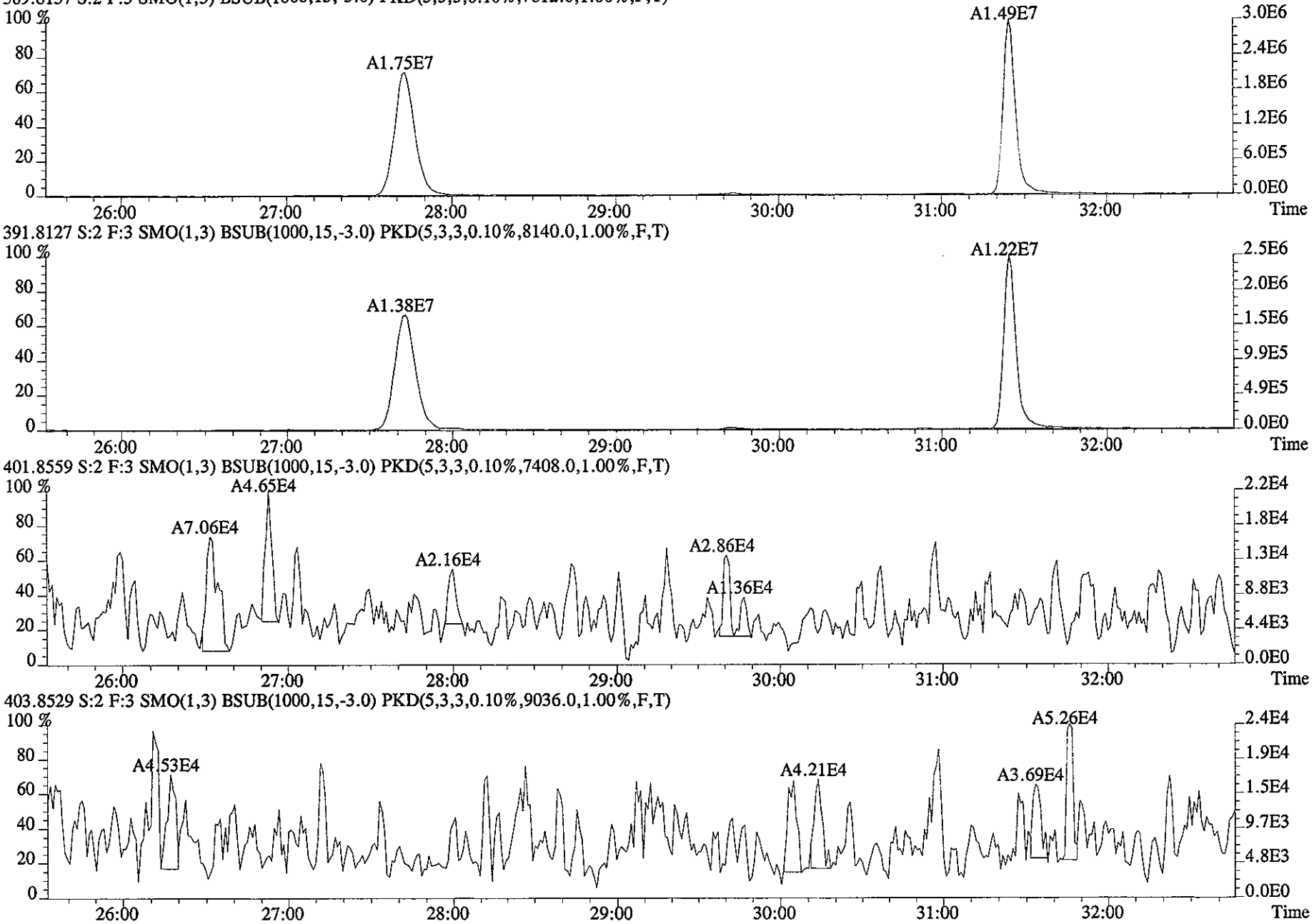
383.8639 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8308.0,1.00%,F,T)



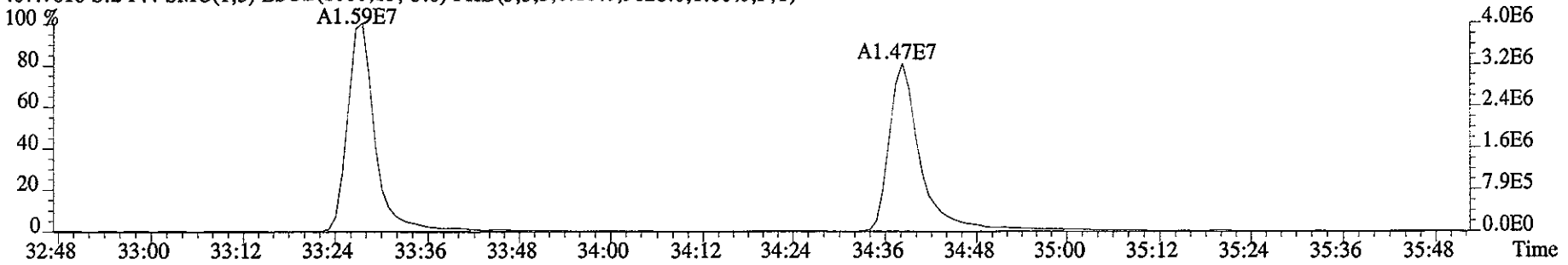
385.8610 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11876.0,1.00%,F,T)

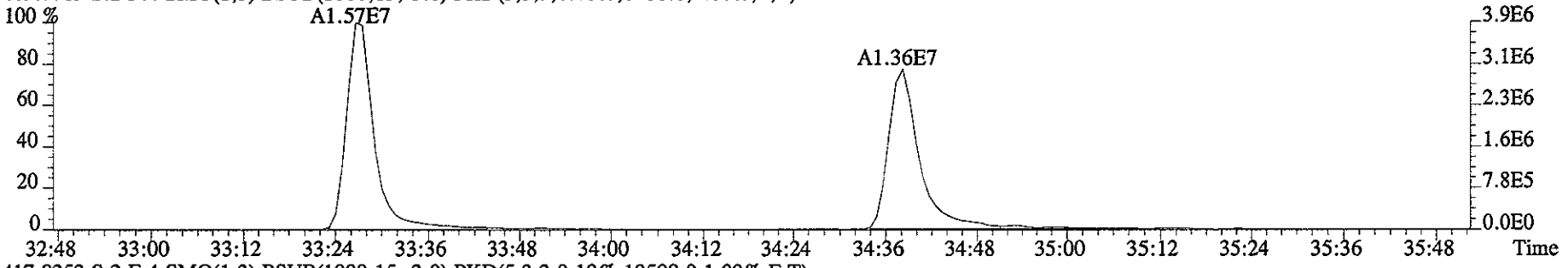


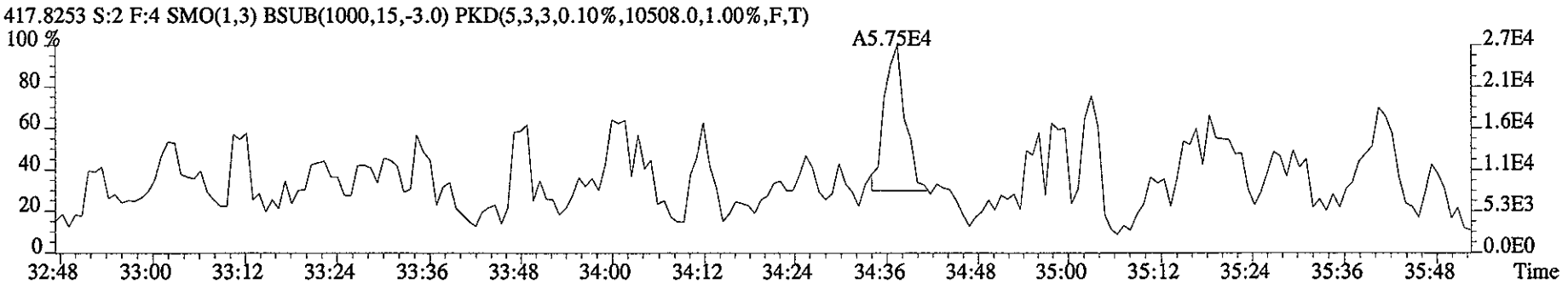
File:10JA061D5 #1-486 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

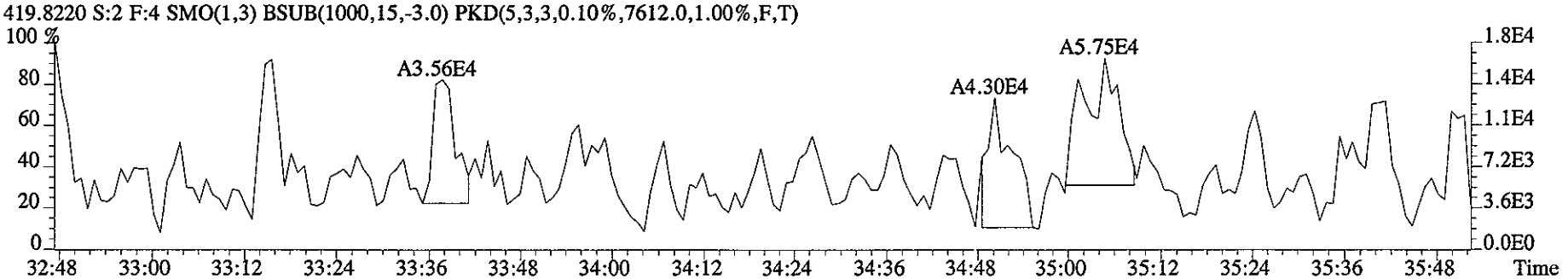


File:10JA061D5 #1-218 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

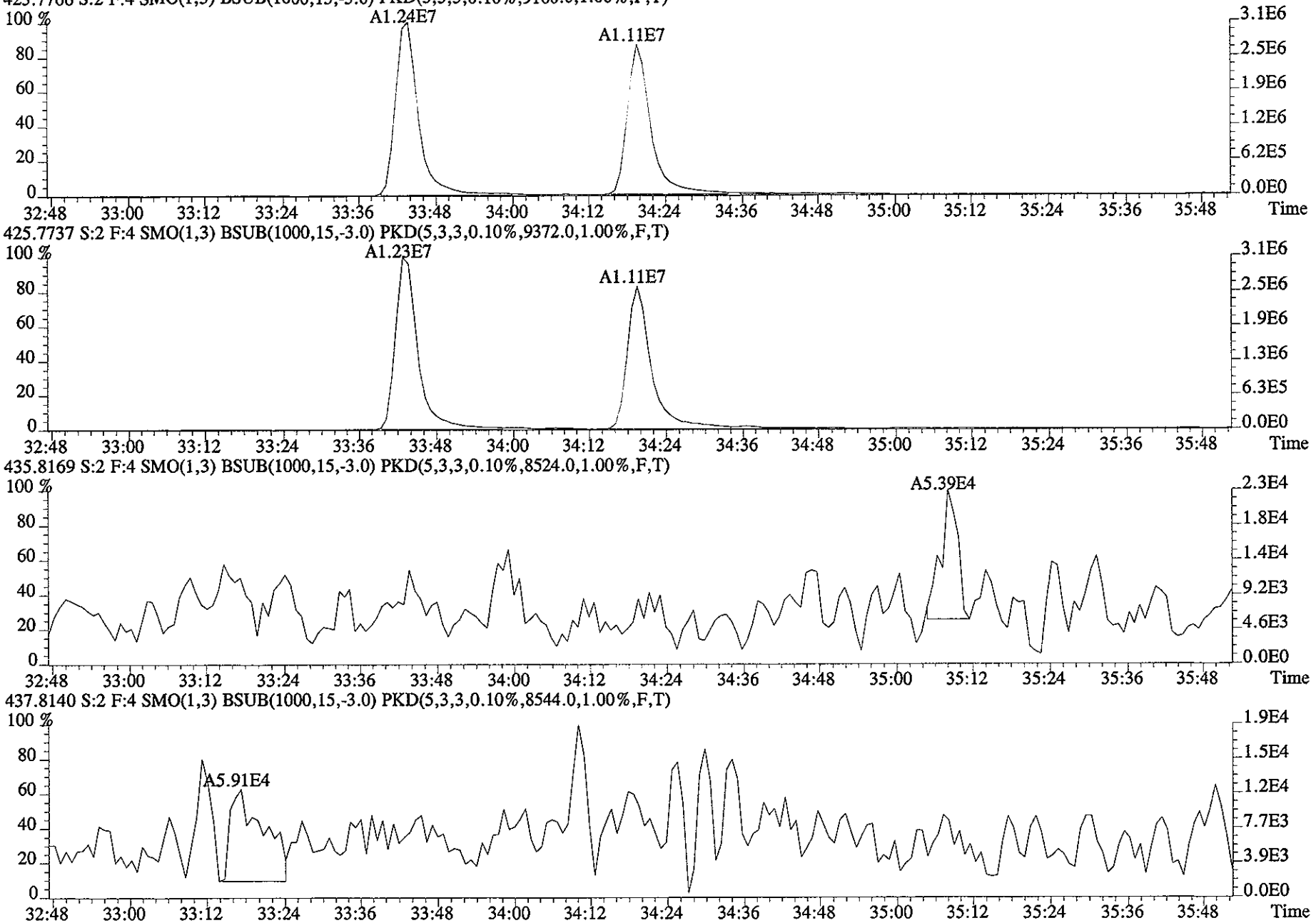




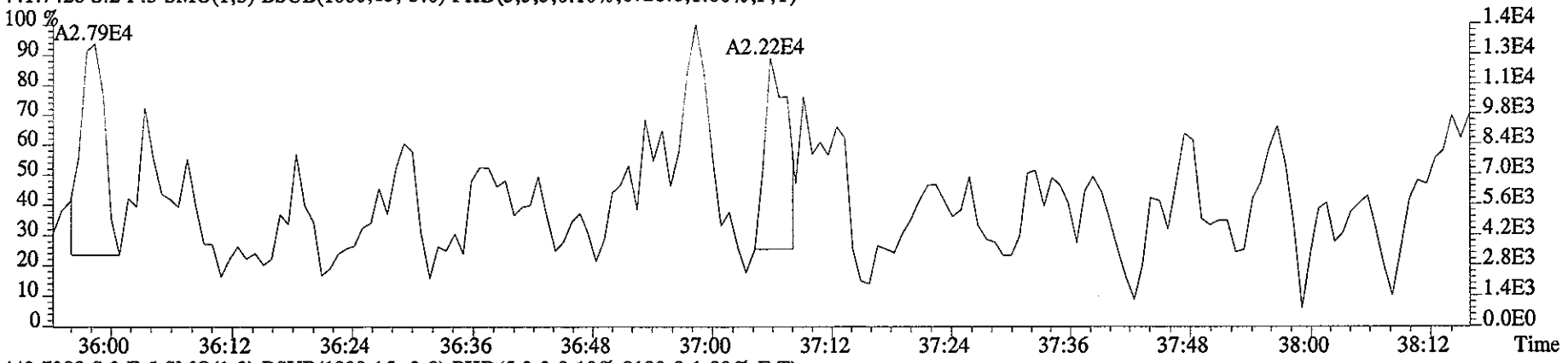




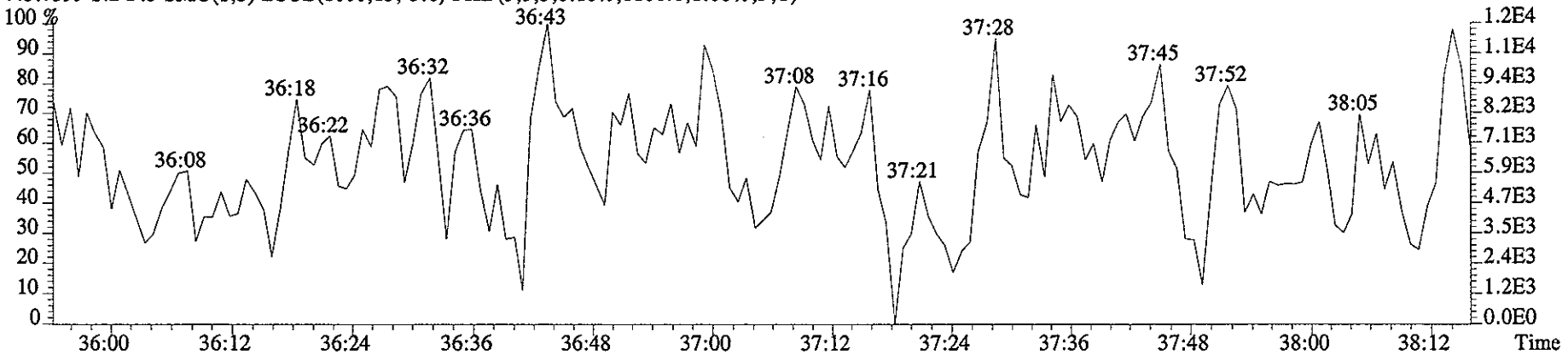
File:10JA061D5 #1-218 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN



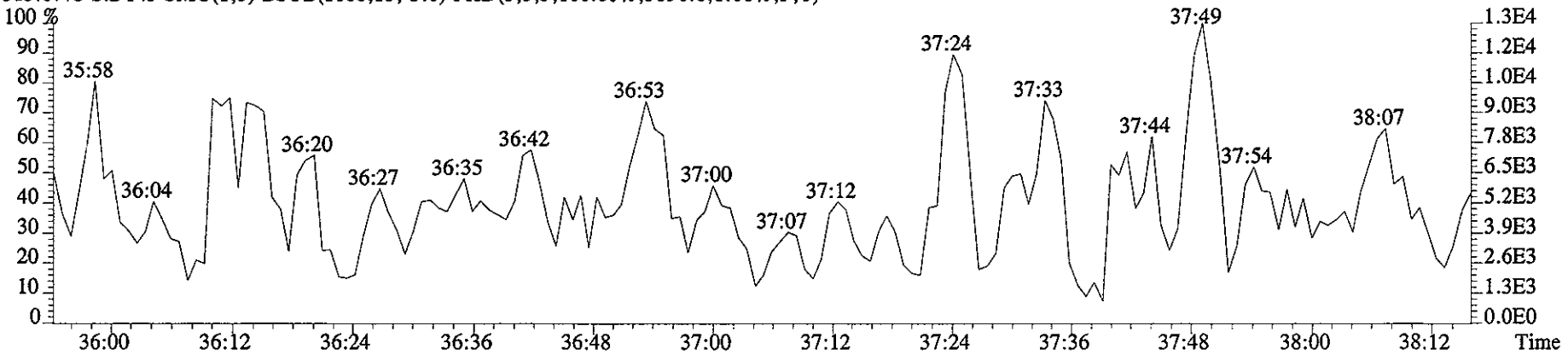
File:10JA061D5 #1-171 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
441.7428 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6728.0,1.00%,F,T)



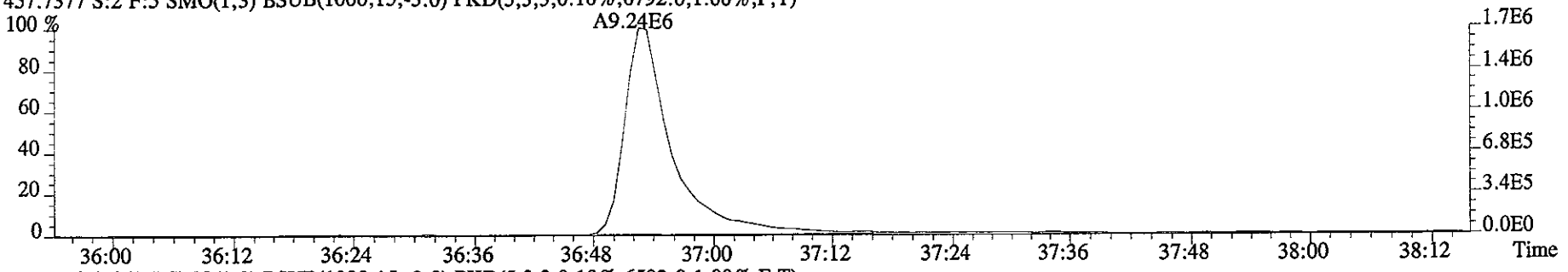
443.7399 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8180.0,1.00%,F,T)



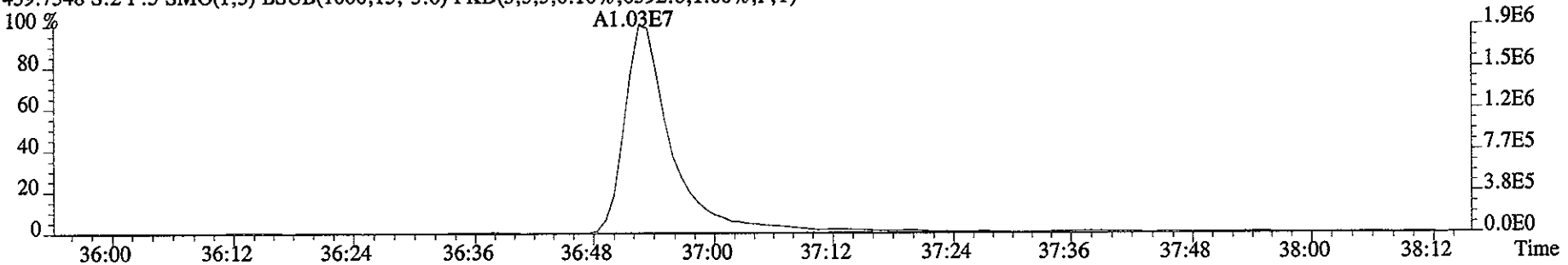
513.6775 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,5896.0,1.00%,F,T)



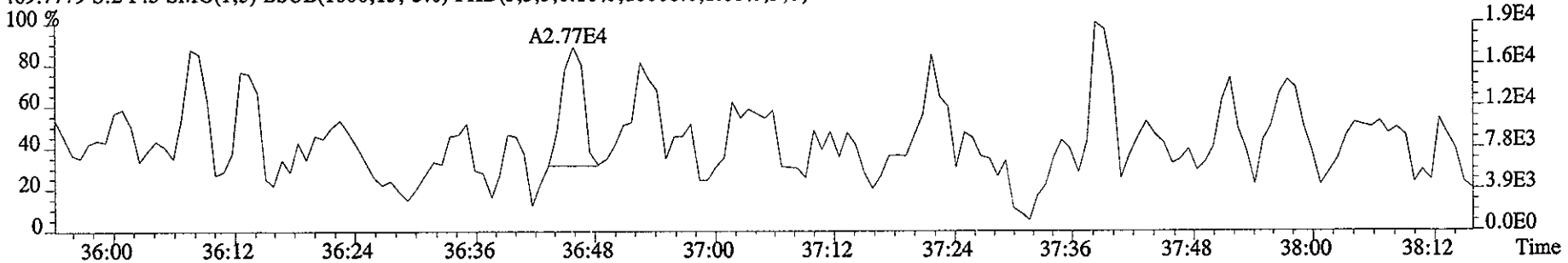
File:10JA061D5 #1-171 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
457.7377 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6792.0,1.00%,F,T)



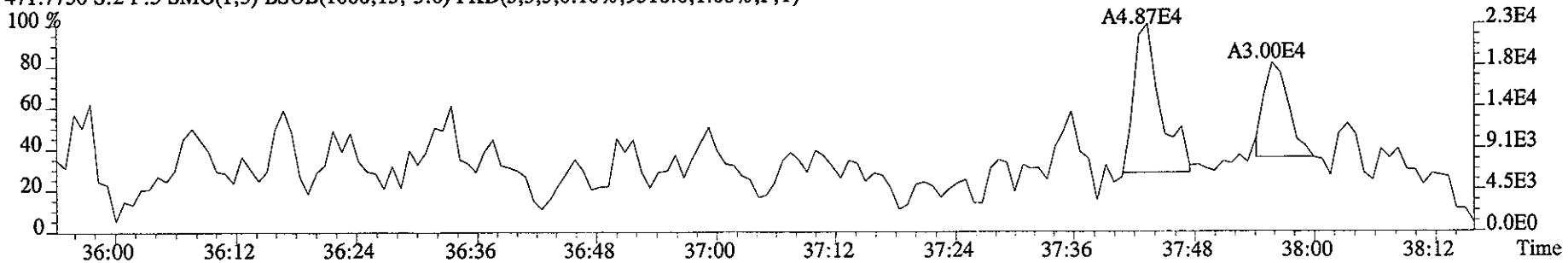
459.7348 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6592.0,1.00%,F,T)



469.7779 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10068.0,1.00%,F,T)

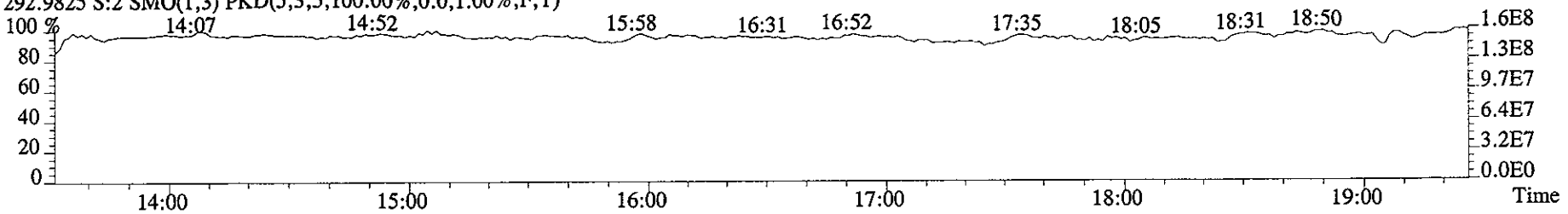


471.7750 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9316.0,1.00%,F,T)

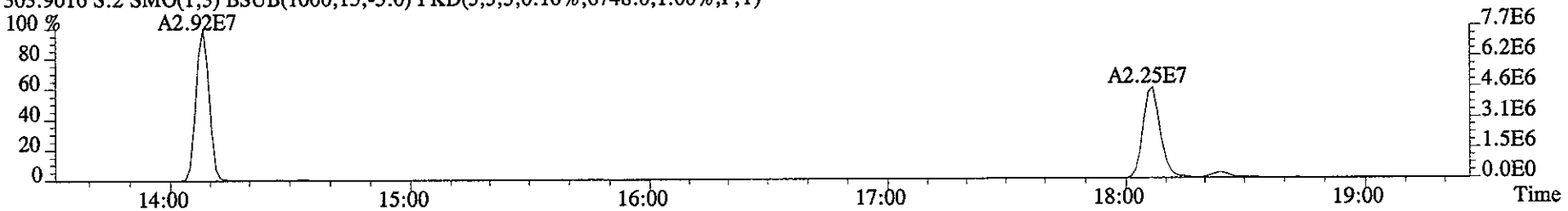


File:10JA061D5 #1-322 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

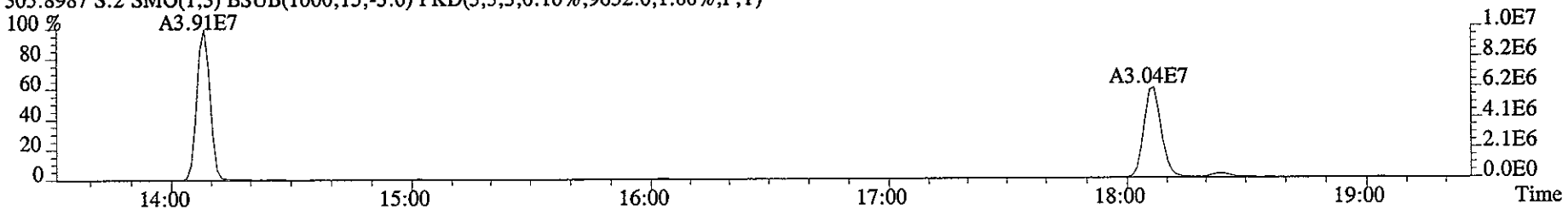
292.9825 S:2 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



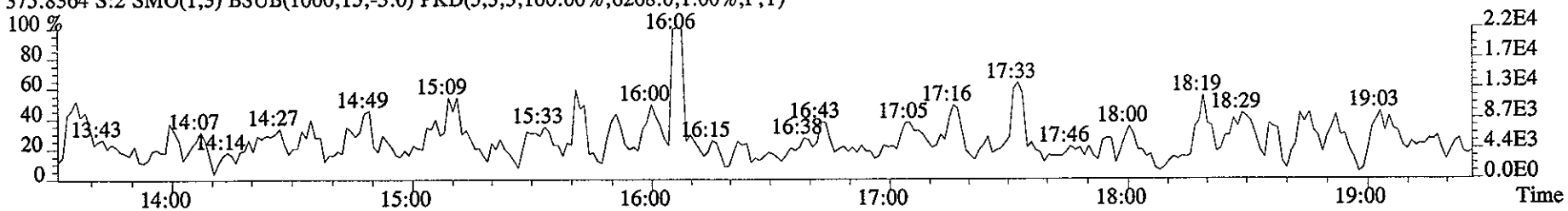
303.9016 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6748.0,1.00%,F,T)



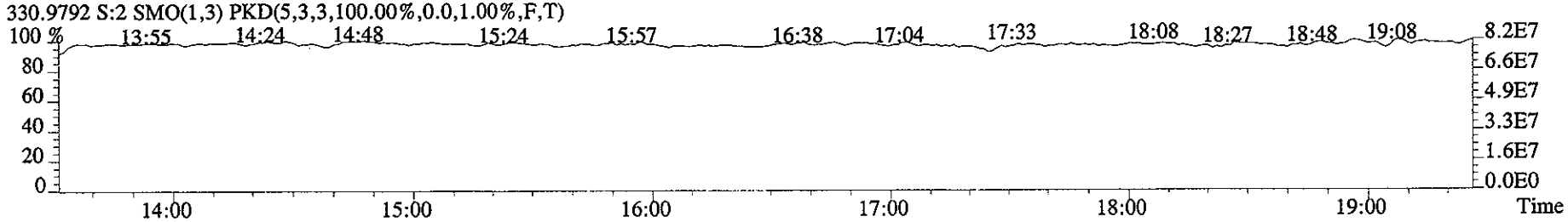
305.8987 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9632.0,1.00%,F,T)



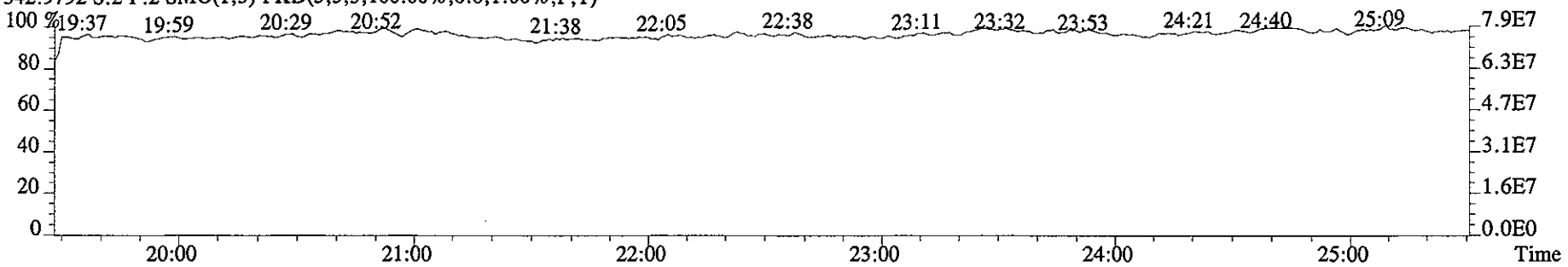
375.8364 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6268.0,1.00%,F,T)



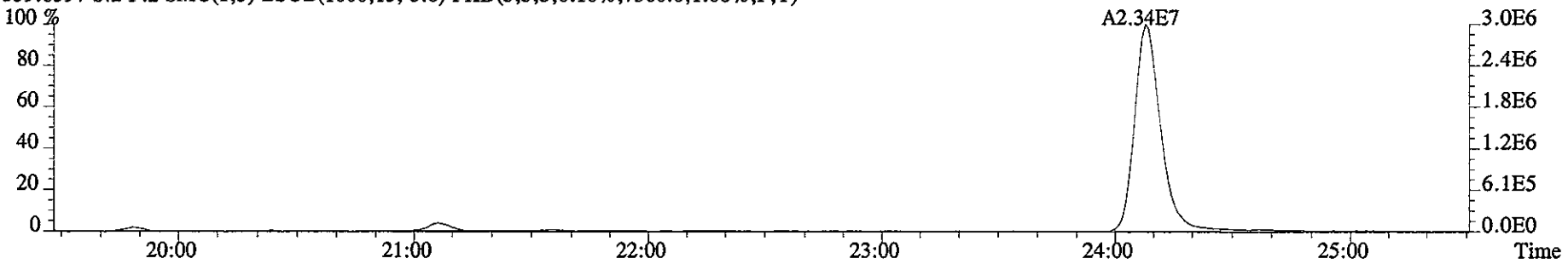
330.9792 S:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



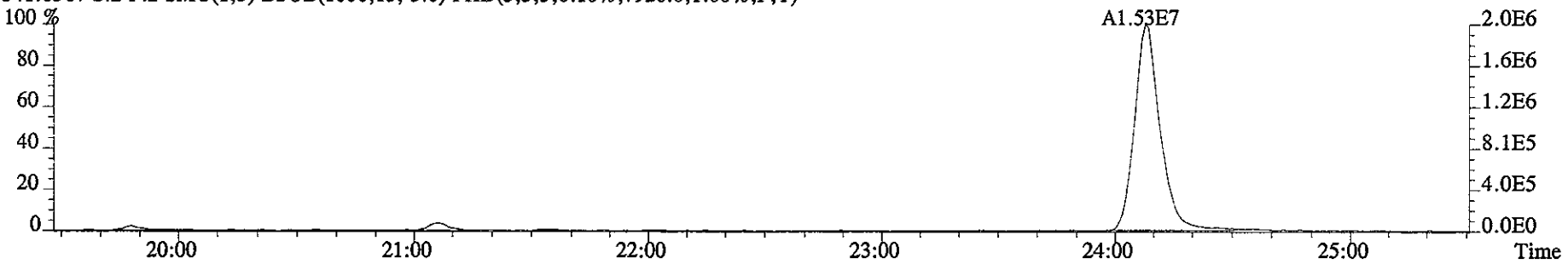
File:10JA061D5 #1-426 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
342.9792 S:2 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



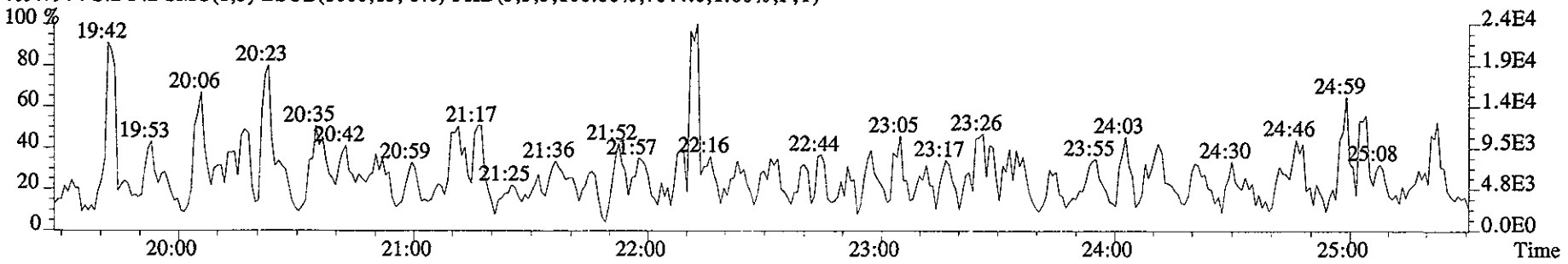
339.8597 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7360.0,1.00%,F,T)



341.8567 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7928.0,1.00%,F,T)

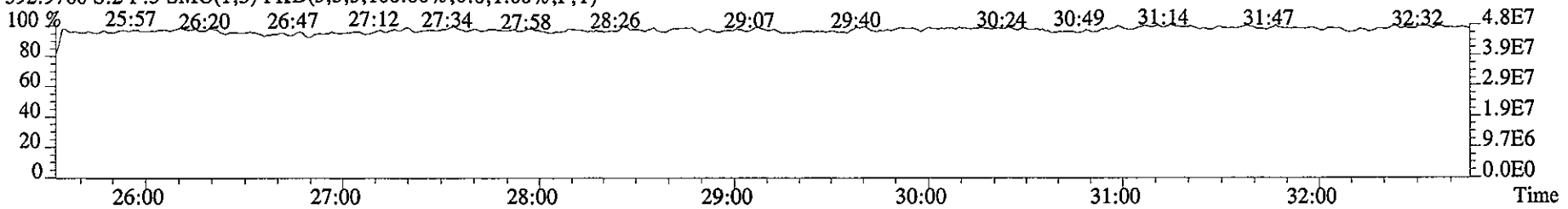


409.7974 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7044.0,1.00%,F,T)

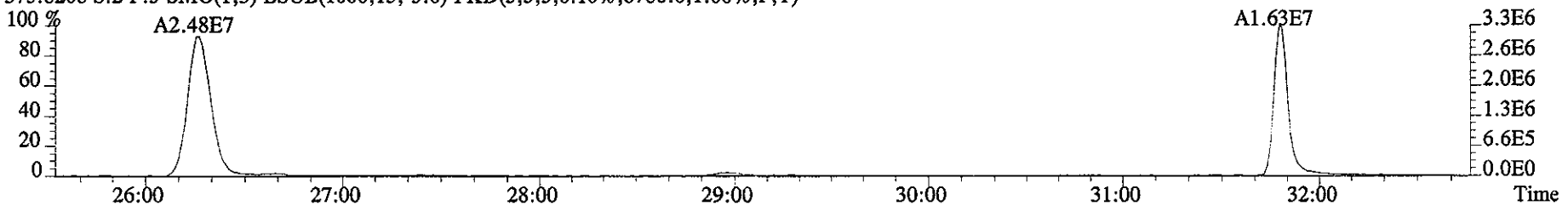


File:10JA061D5 #1-486 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

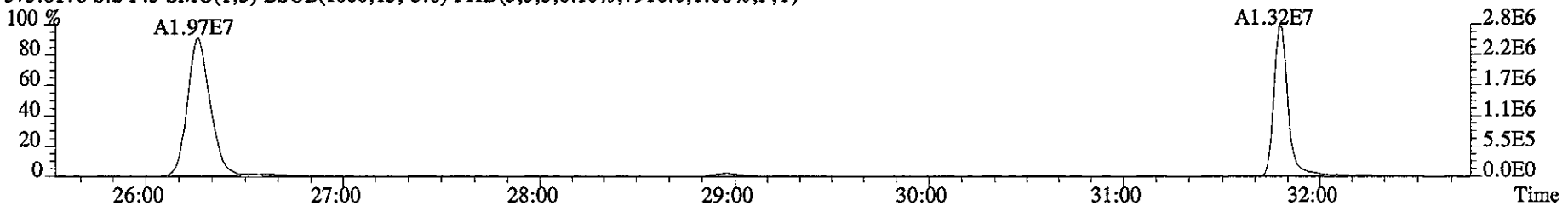
392.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



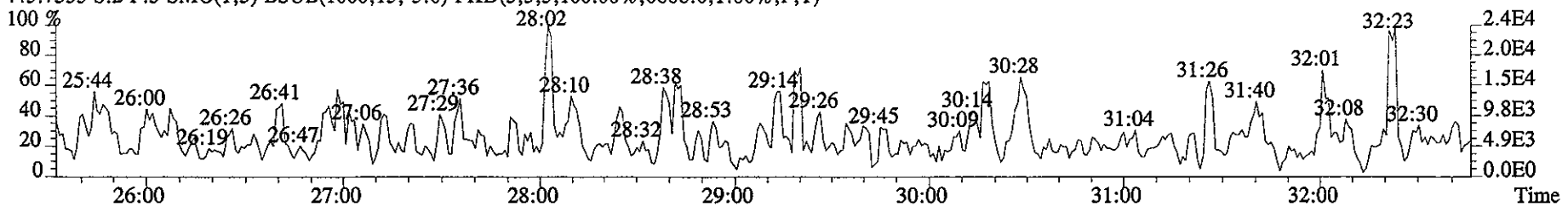
373.8208 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8780.0,1.00%,F,T)



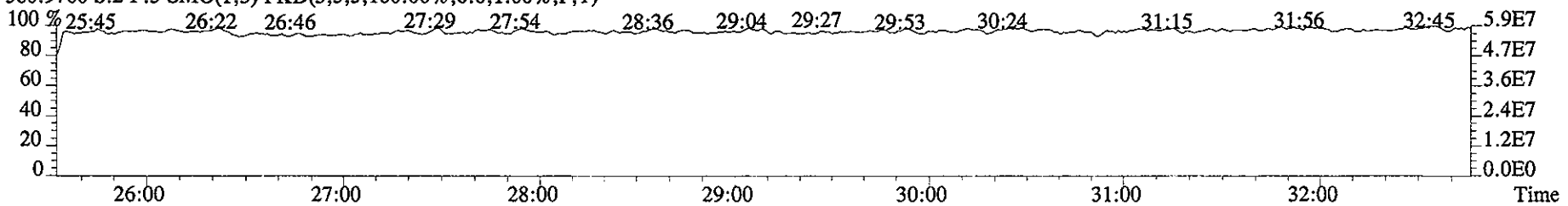
375.8178 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7916.0,1.00%,F,T)



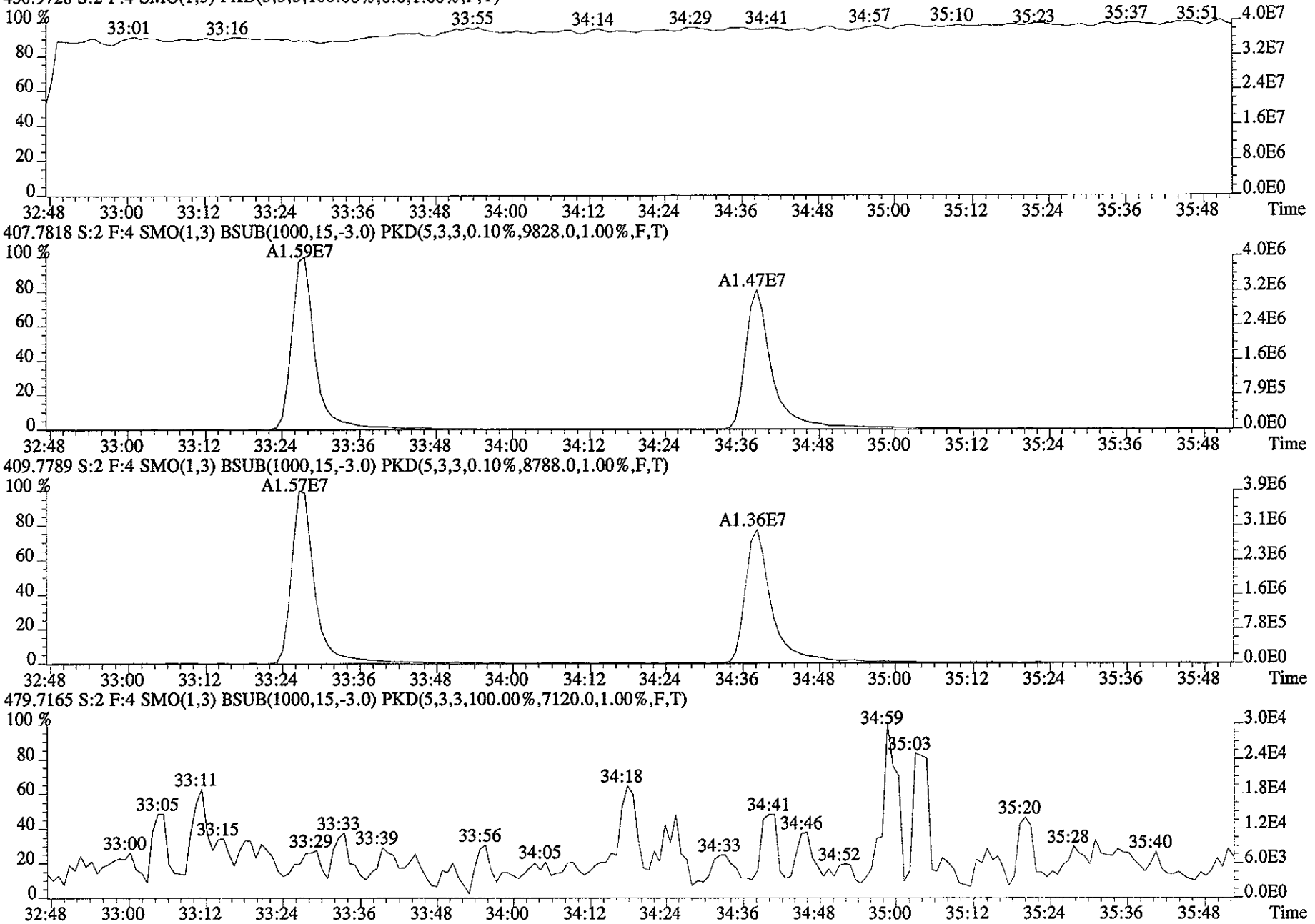
445.7555 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6608.0,1.00%,F,T)



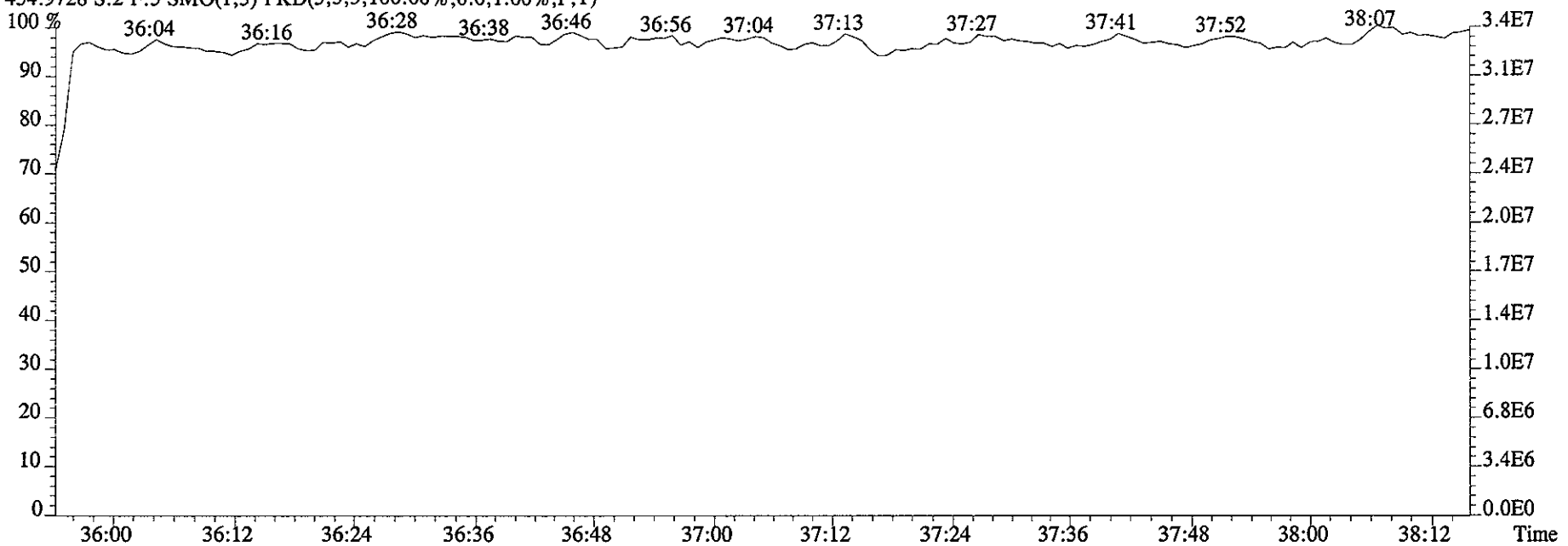
380.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



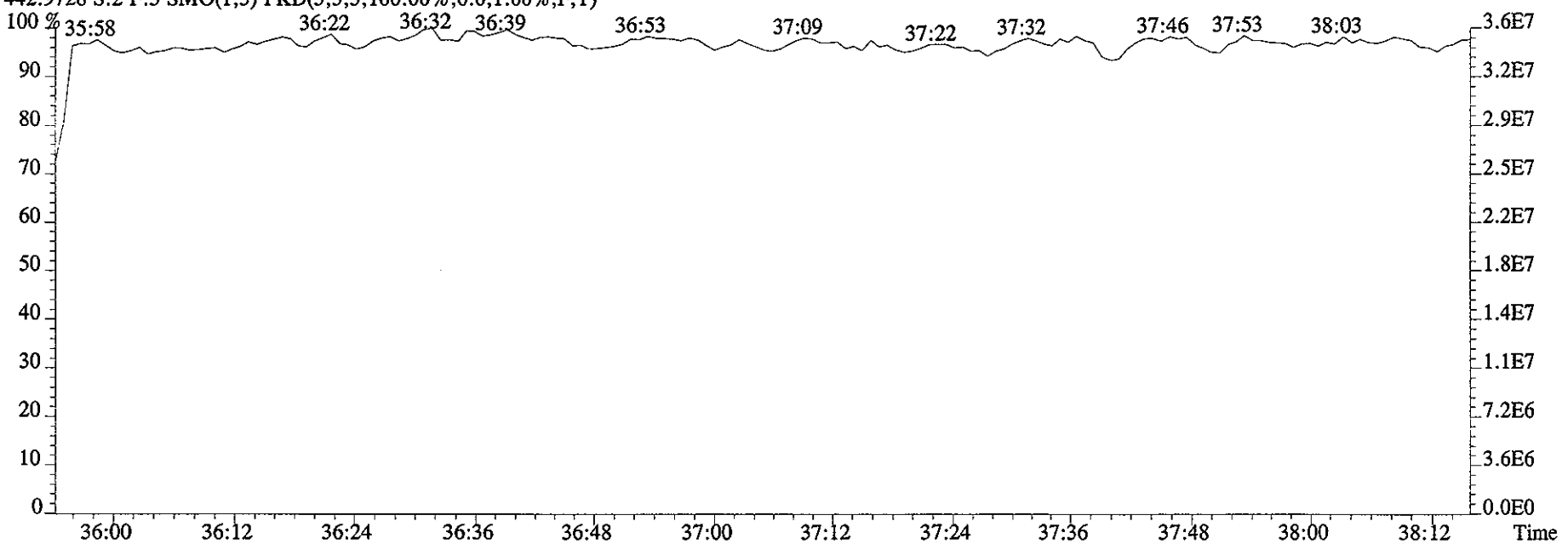
File:10JA061D5 #1-218 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN



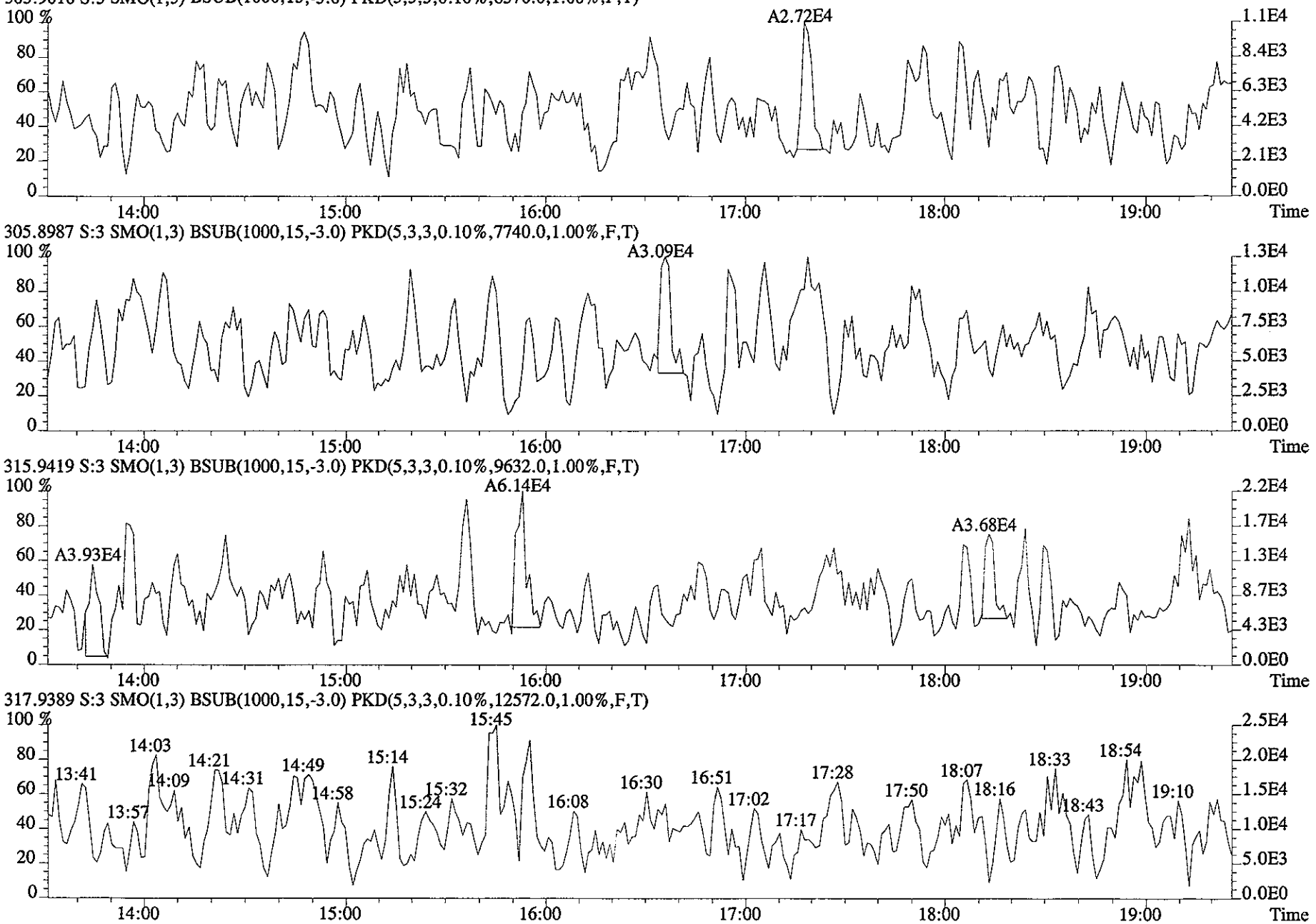
File:10JA061D5 #1-171 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
454.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



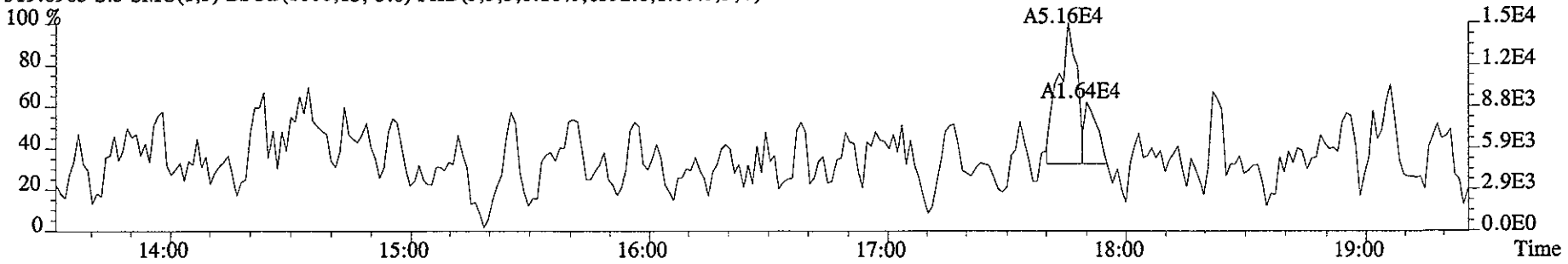
442.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



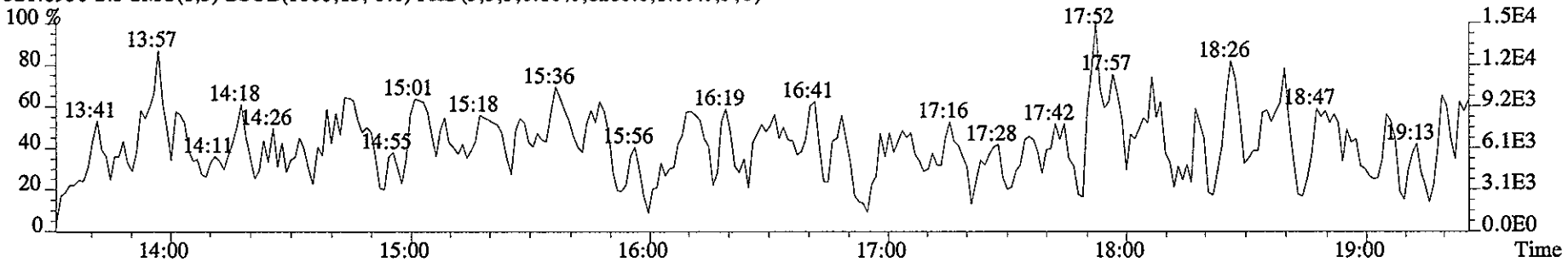
File:10JA061D5 #1-322 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN



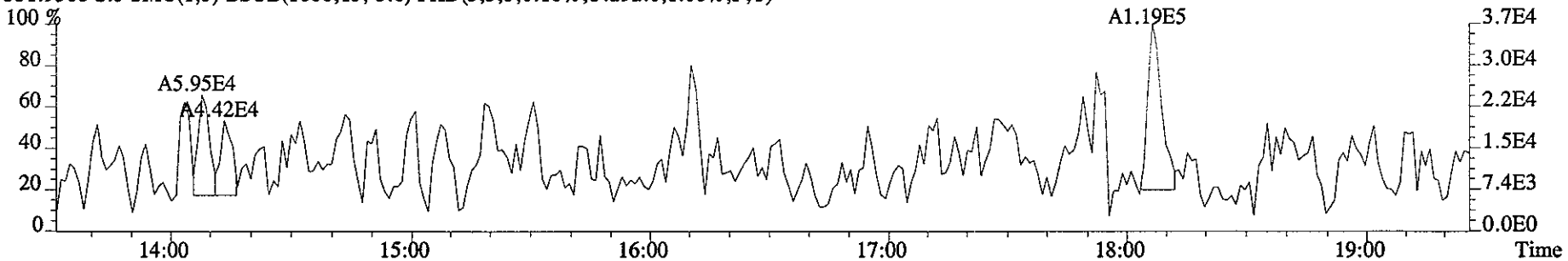
File:10JA061D5 #1-322 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
319.8965 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6592.0,1.00%,F,T)



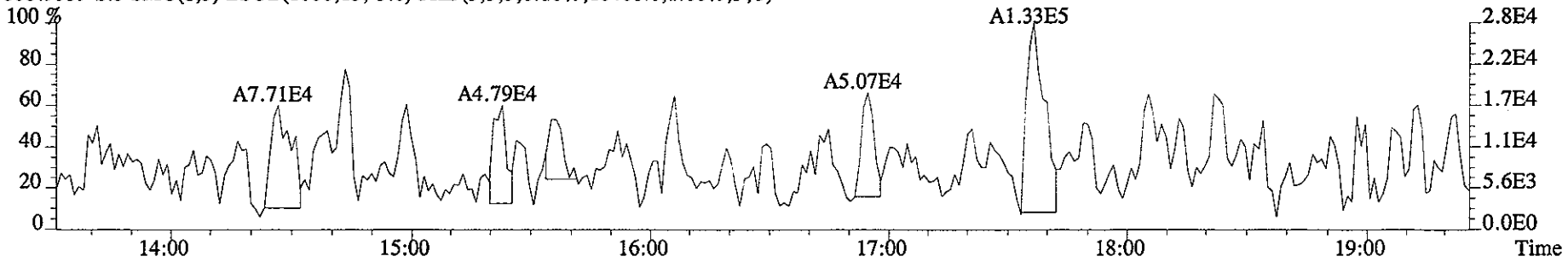
321.8936 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8280.0,1.00%,F,T)



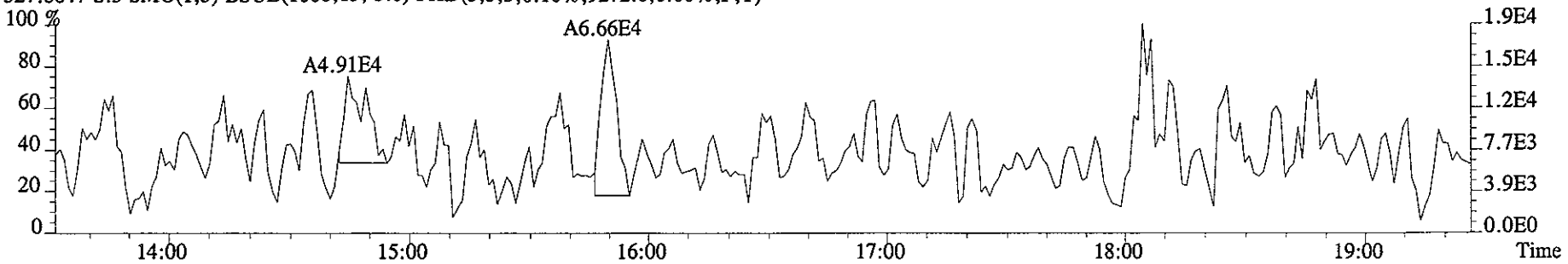
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14292.0,1.00%,F,T)



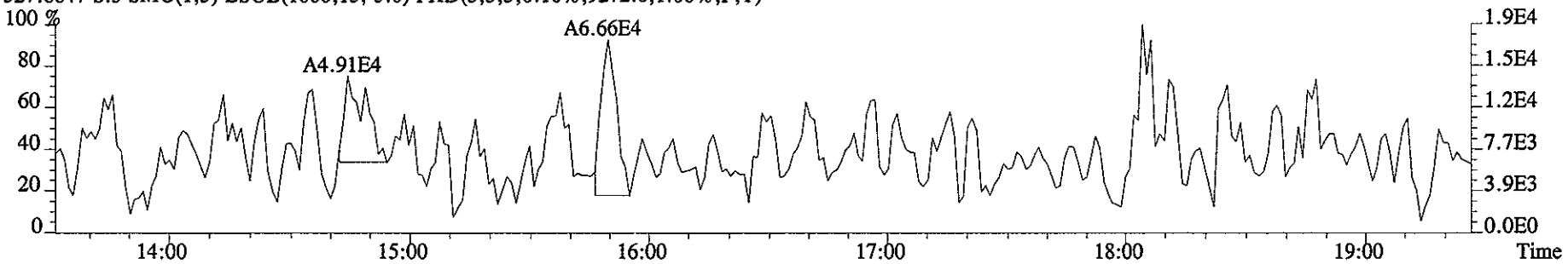
333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10468.0,1.00%,F,T)



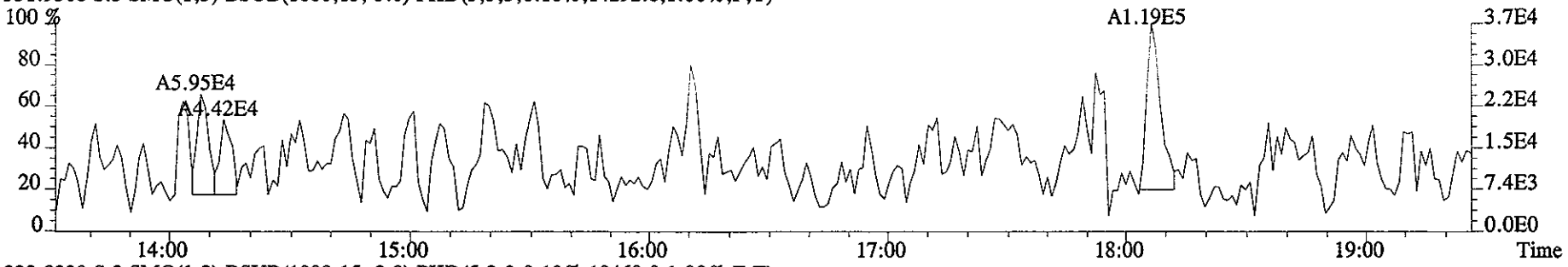
File:10JA061D5 #1-322 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9272.0,1.00%,F,T)



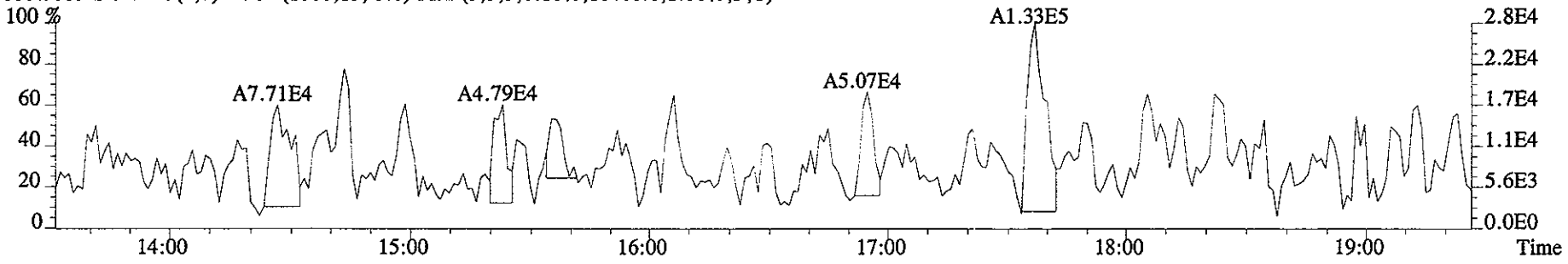
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9272.0,1.00%,F,T)



331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14292.0,1.00%,F,T)

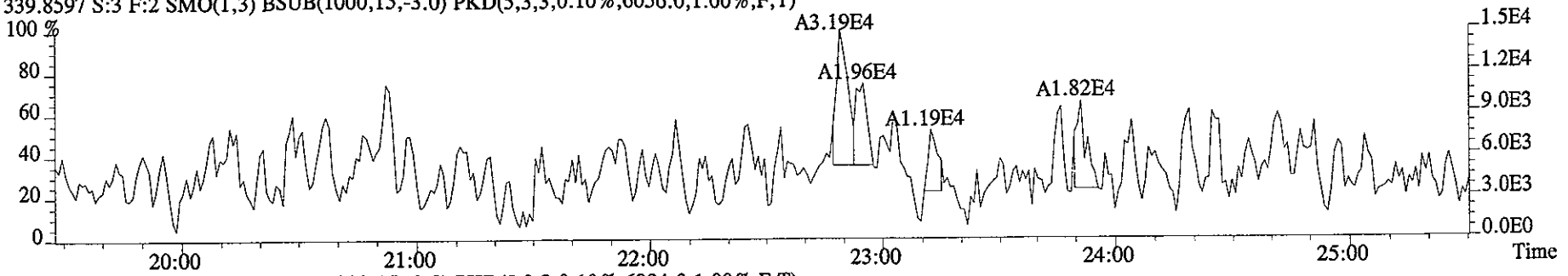


333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10468.0,1.00%,F,T)

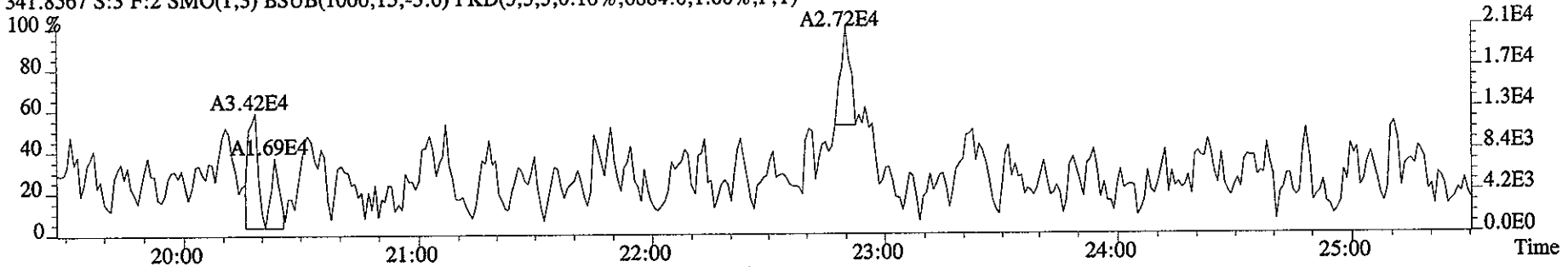


File:10JA061D5 #1-426 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

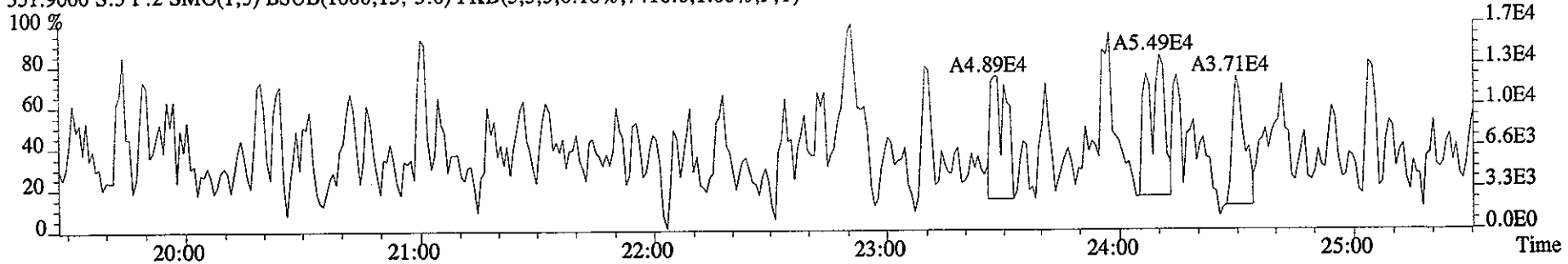
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6056.0,1.00%,F,T)



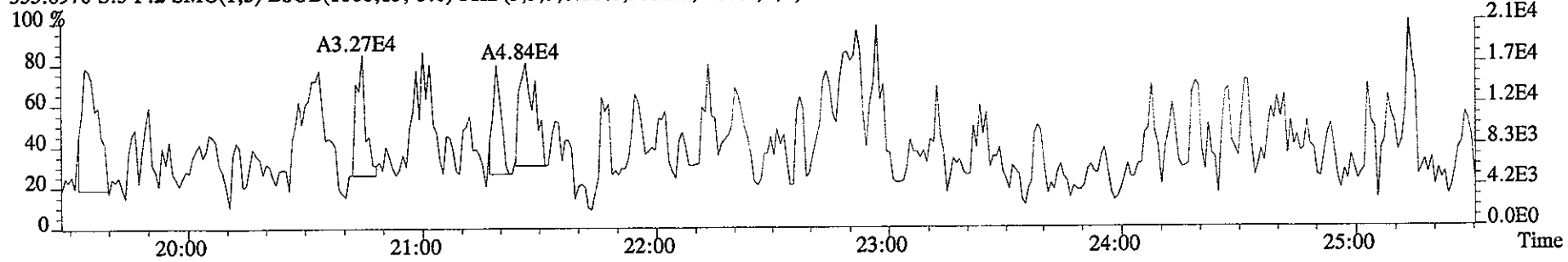
341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6884.0,1.00%,F,T)



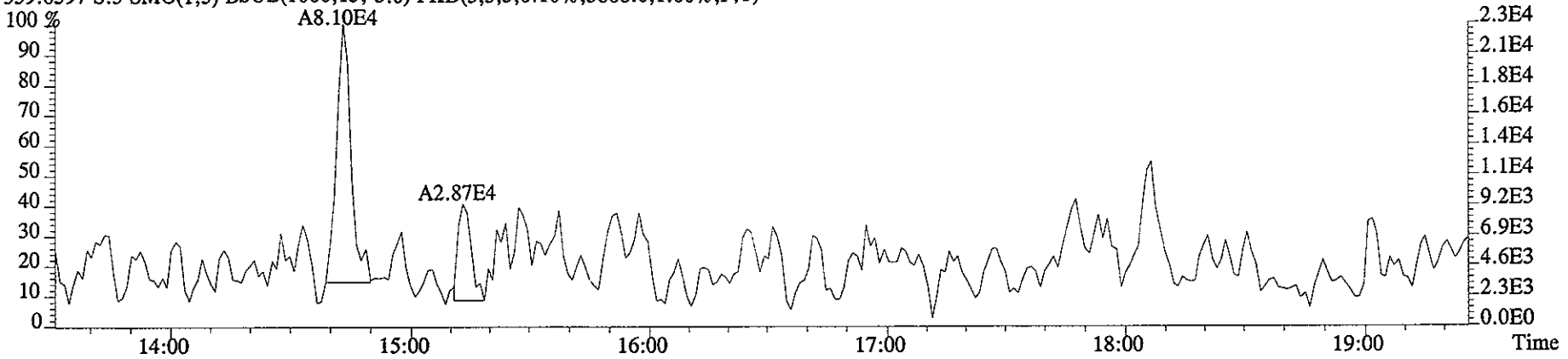
351.9000 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7416.0,1.00%,F,T)



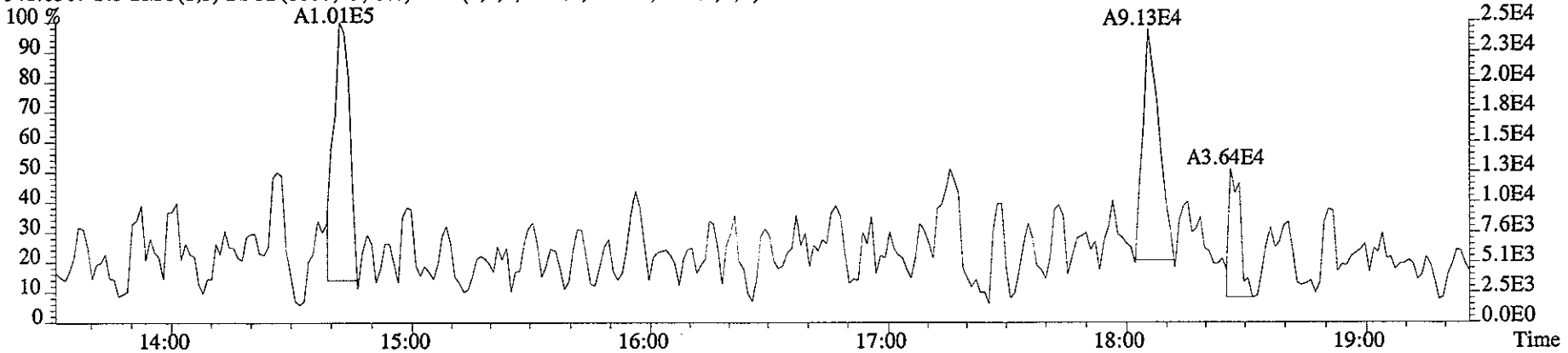
353.8970 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9552.0,1.00%,F,T)



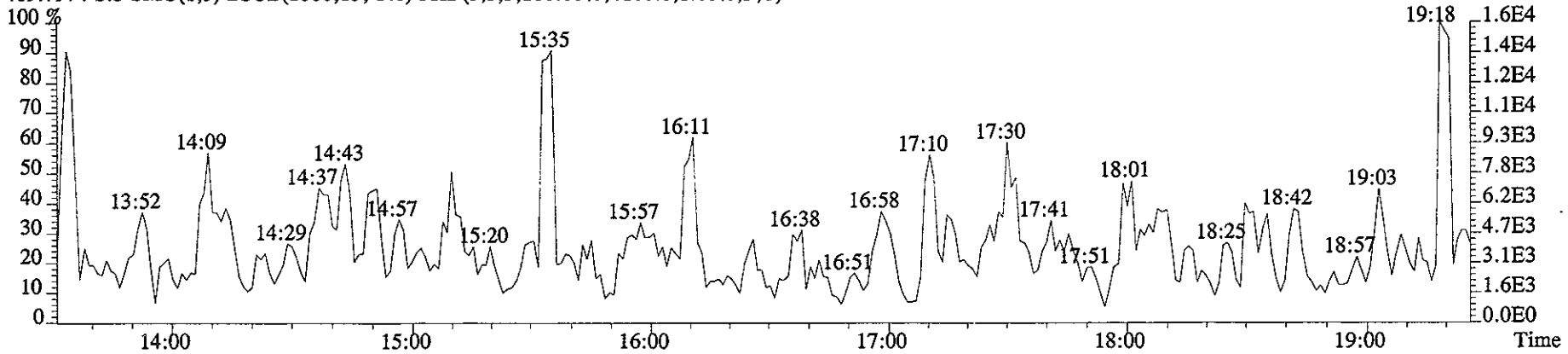
File:10JA061D5 #1-322 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
339.8597 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5868.0,1.00%,F,T)



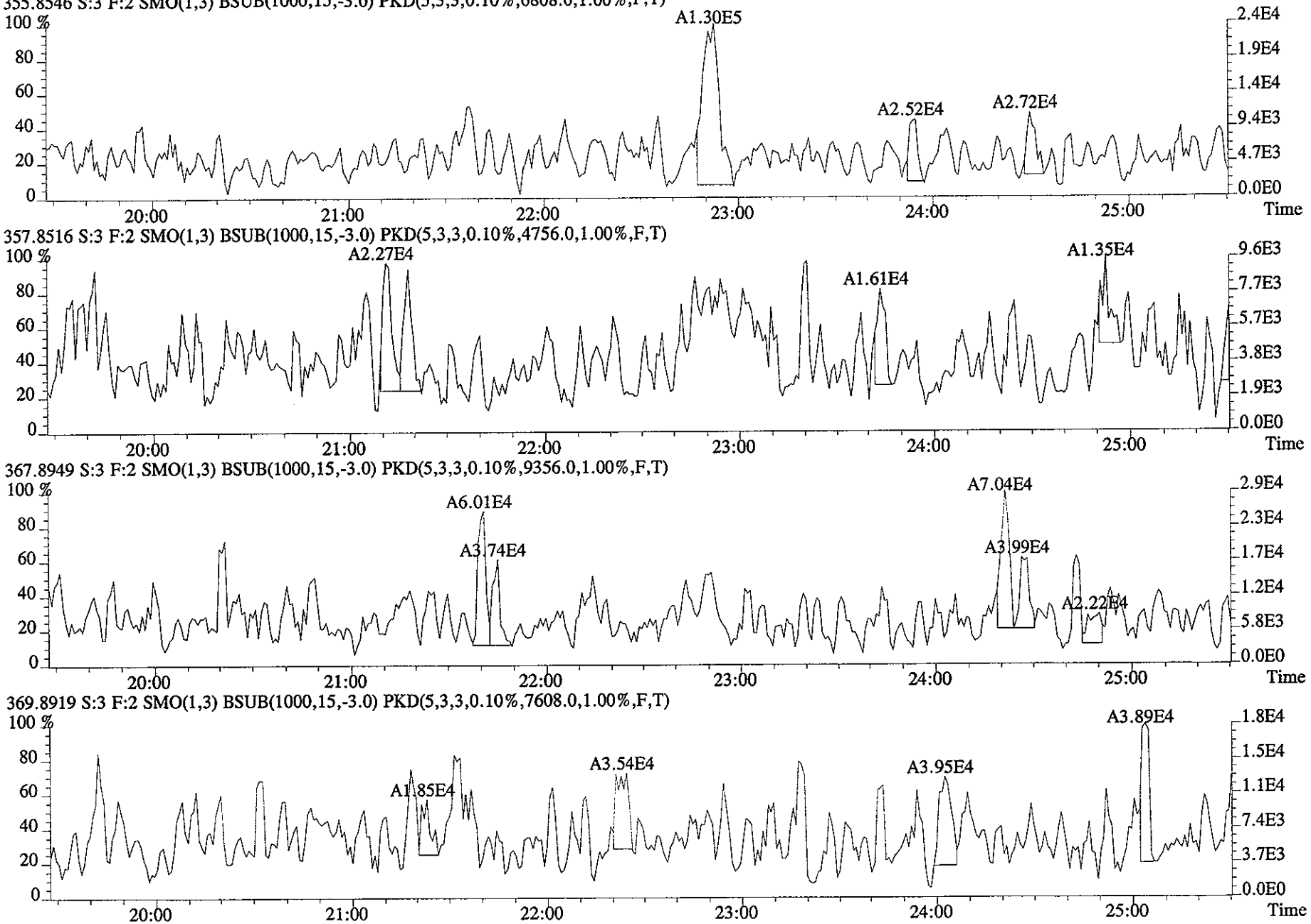
341.8567 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7324.0,1.00%,F,T)



409.7974 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4100.0,1.00%,F,T)

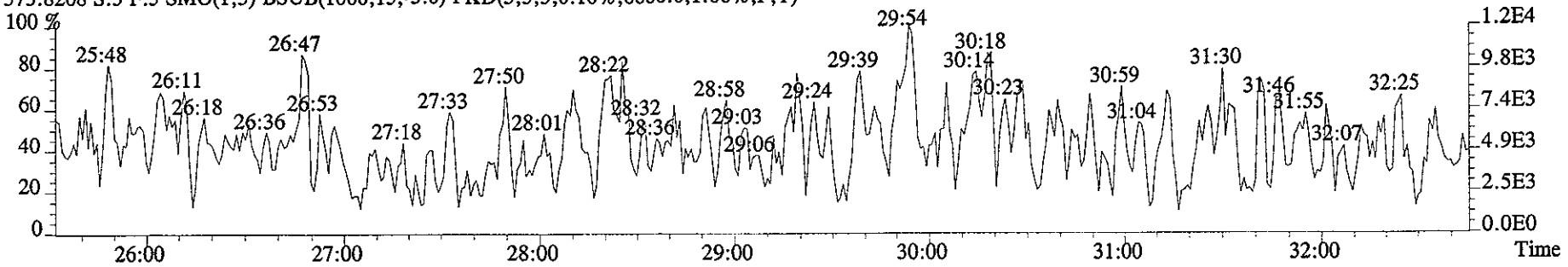


File:10JA061D5 #1-426 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

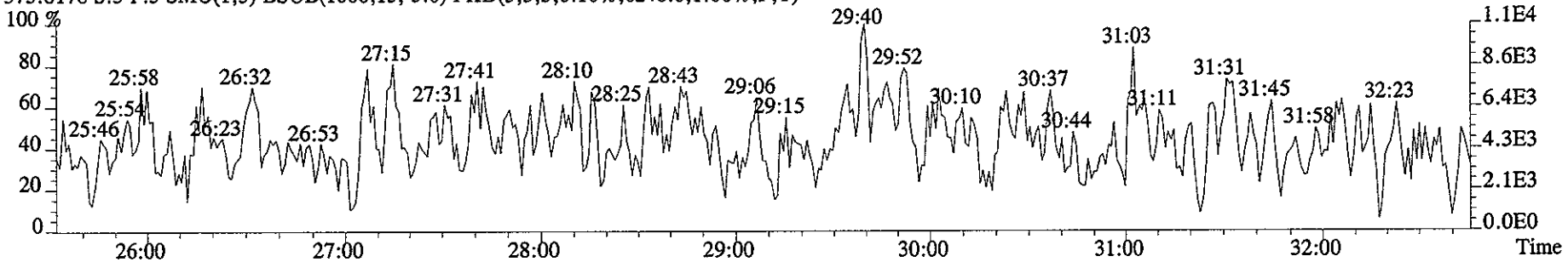


File:10JA061D5 #1-486 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

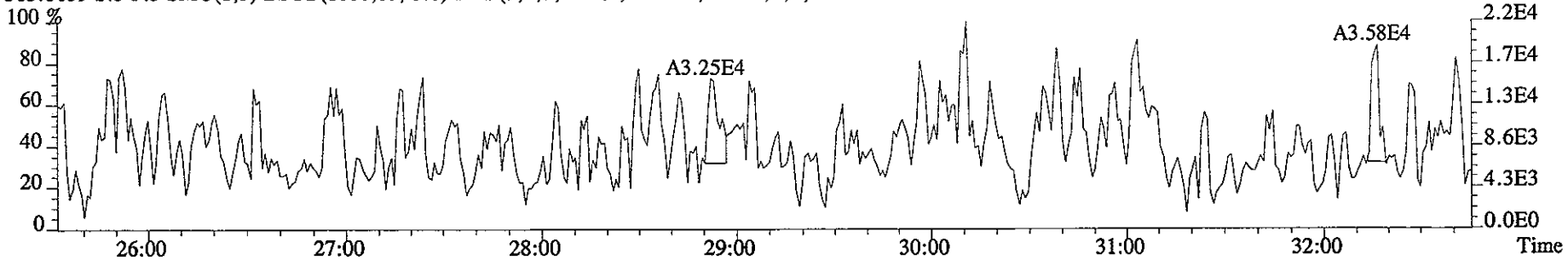
373.8208 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6680.0,1.00%,F,T)



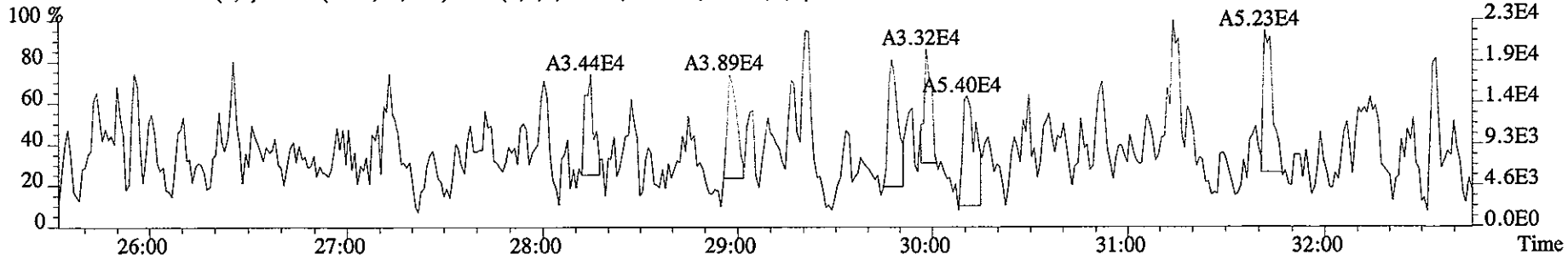
375.8178 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6248.0,1.00%,F,T)



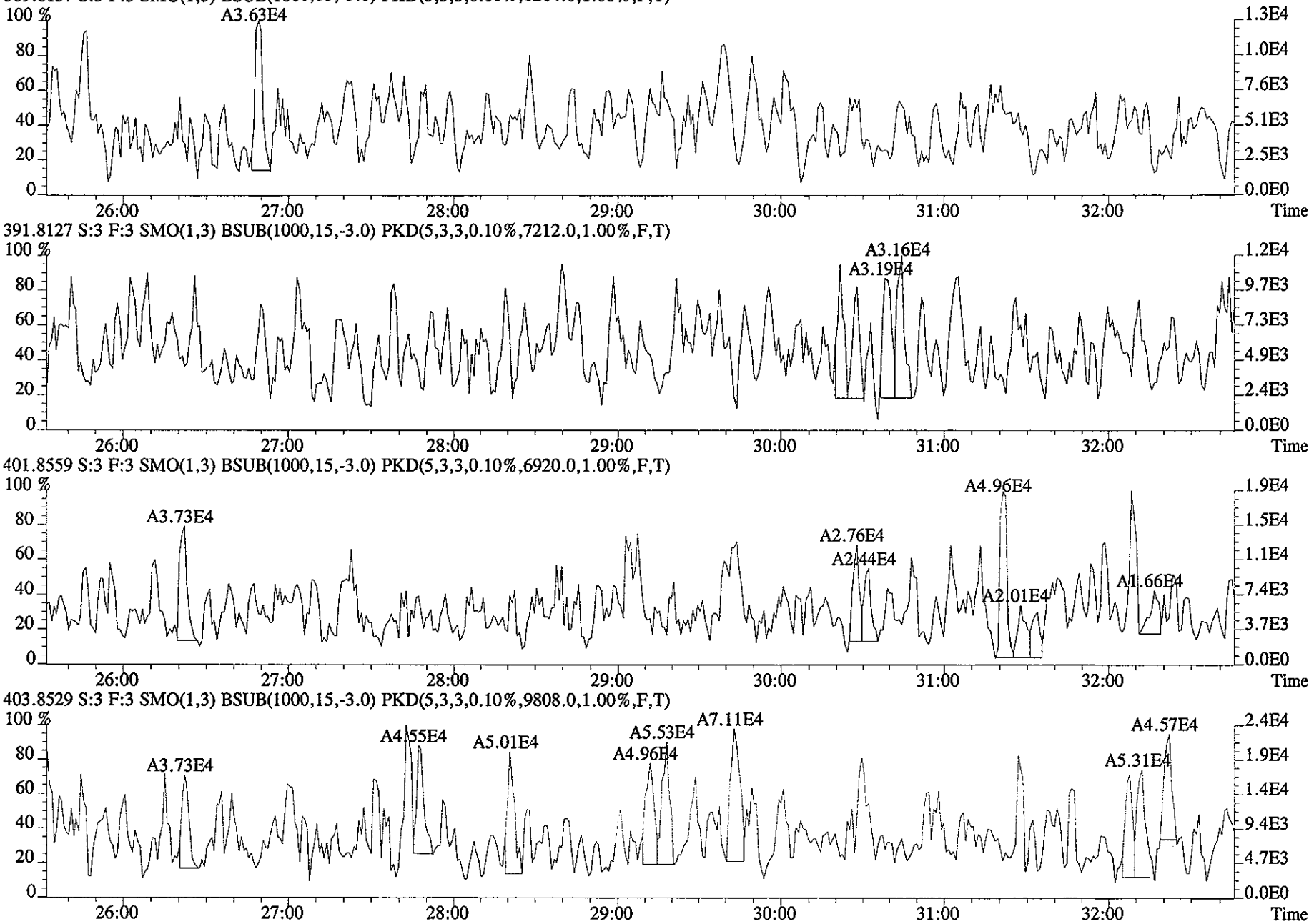
383.8639 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10336.0,1.00%,F,T)



385.8610 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10056.0,1.00%,F,T)

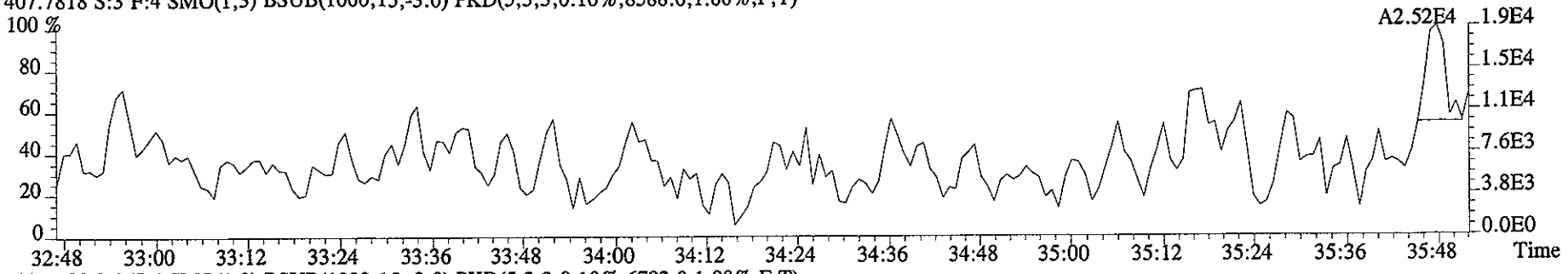


File:10JA061D5 #1-486 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

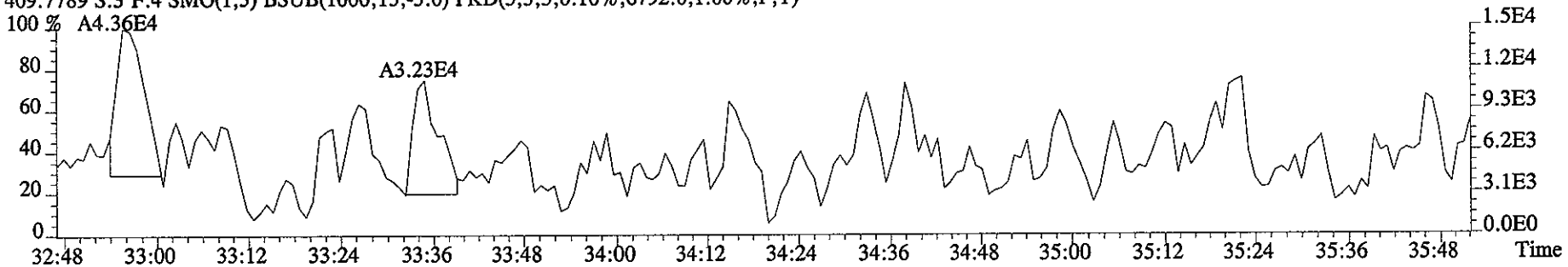


File:10JA061D5 #1-218 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

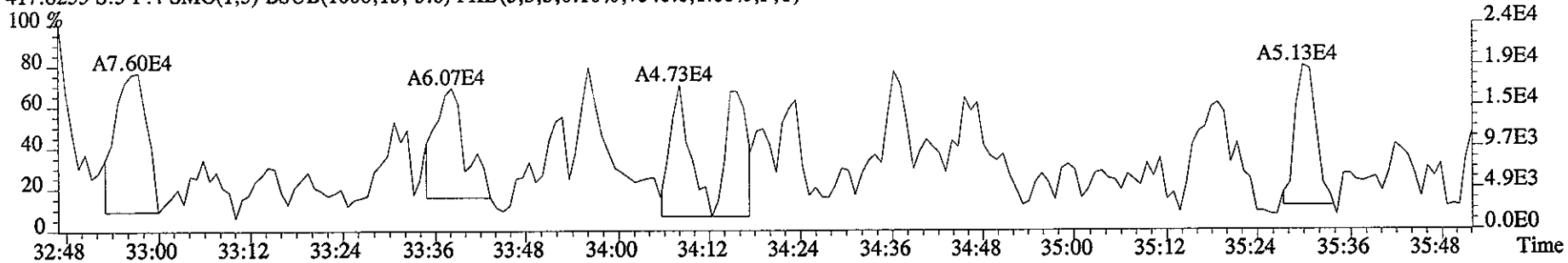
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8588.0,1.00%,F,T)



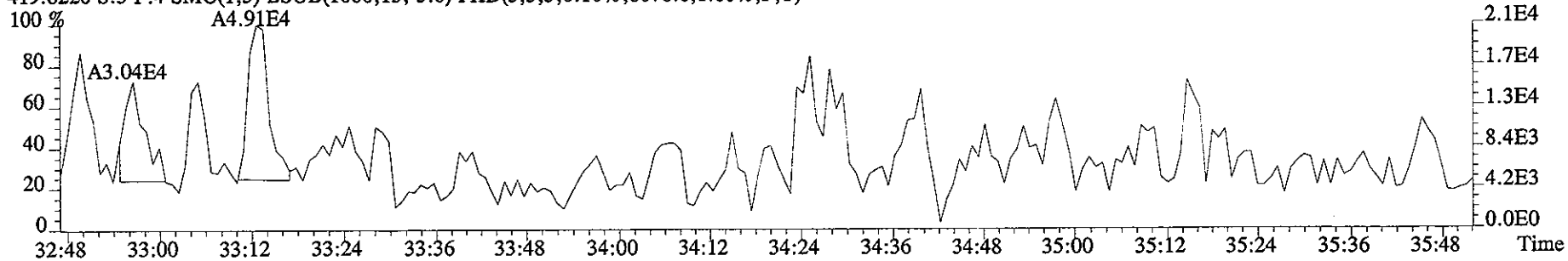
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6792.0,1.00%,F,T)



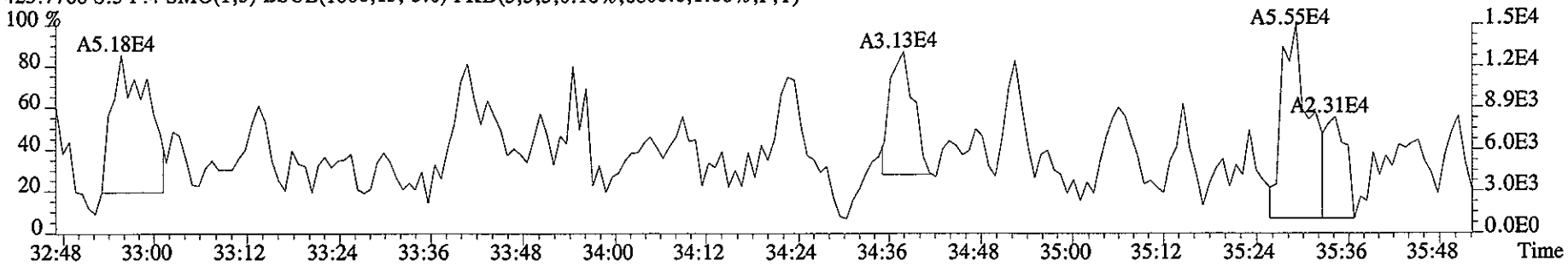
417.8253 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7340.0,1.00%,F,T)

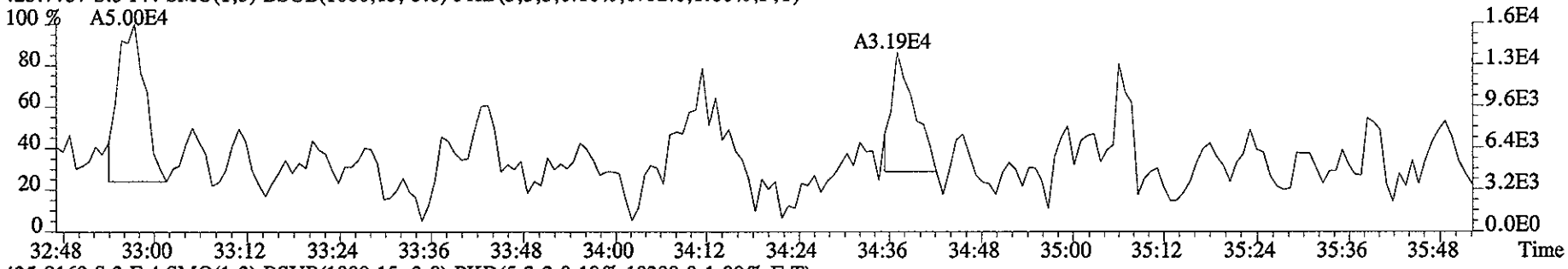


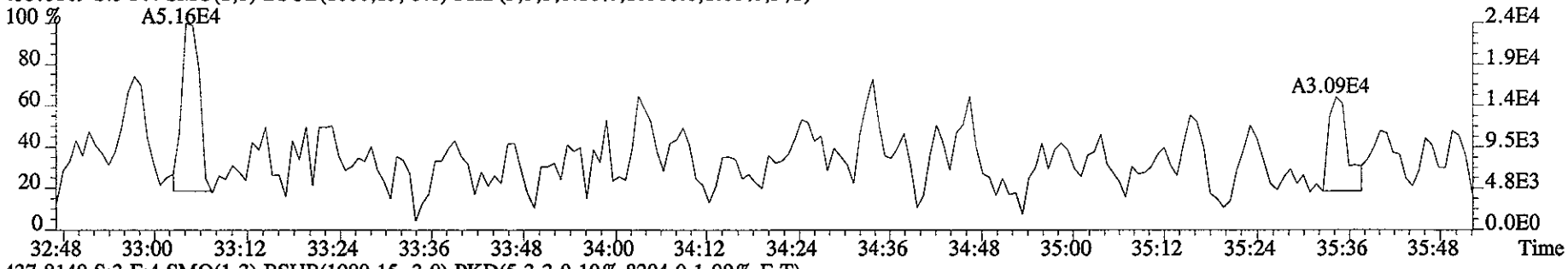
419.8220 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8076.0,1.00%,F,T)

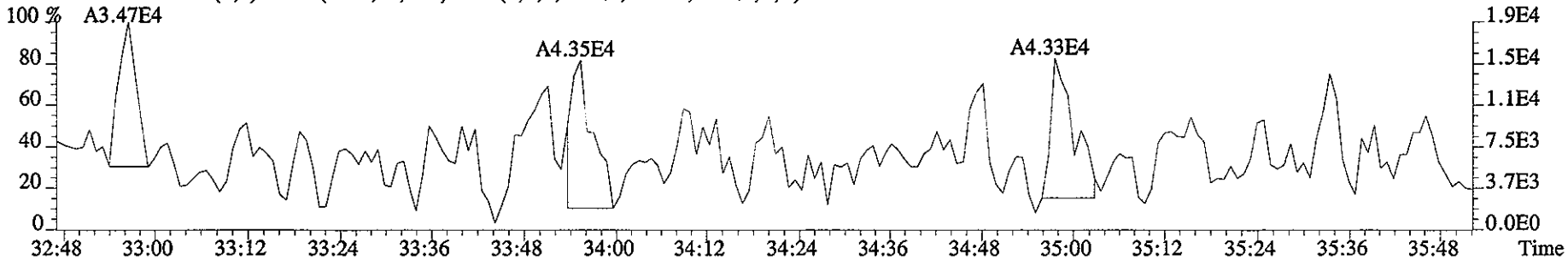


File:10JA061D5 #1-218 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN



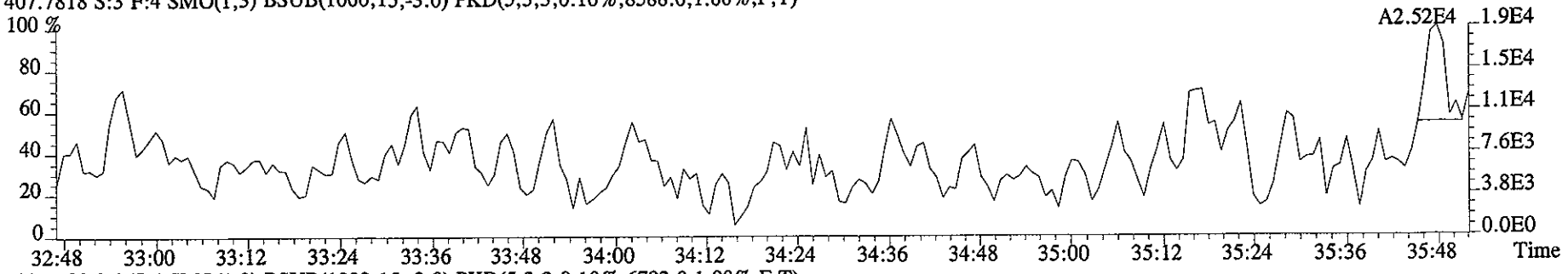




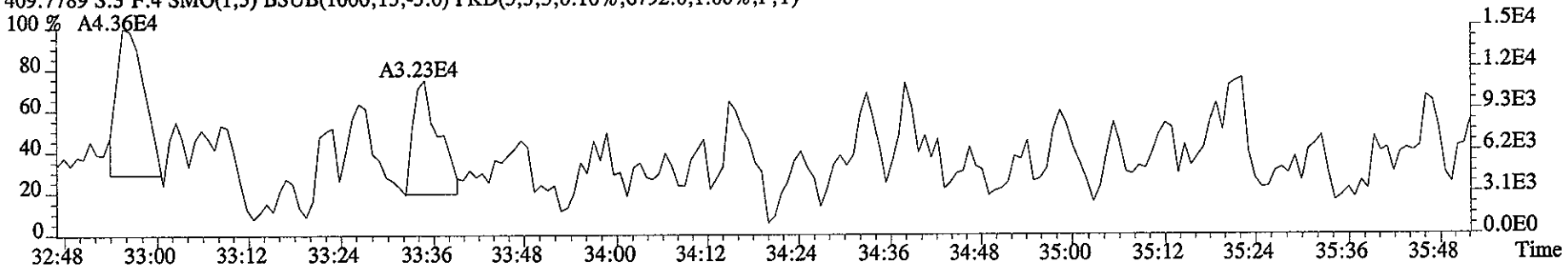


File:10JA061D5 #1-218 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

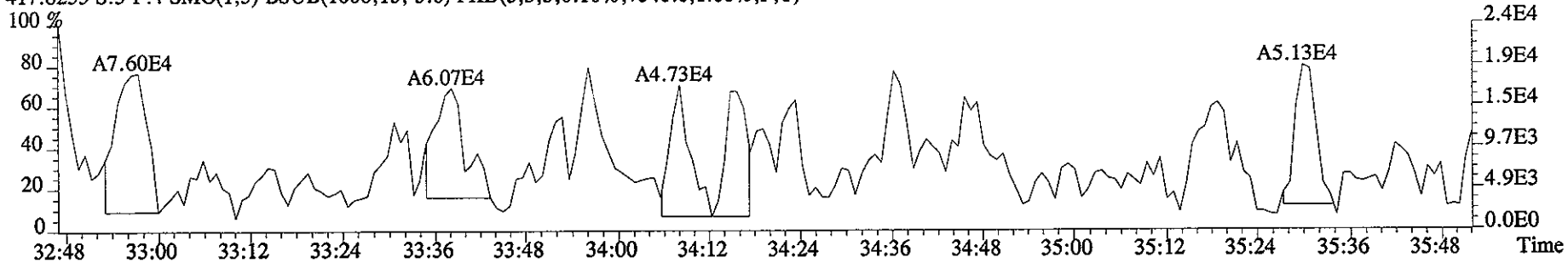
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8588.0,1.00%,F,T)



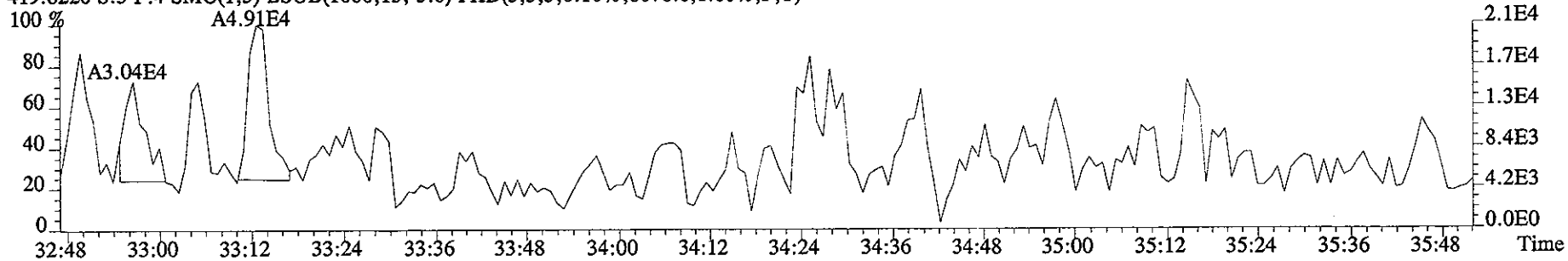
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6792.0,1.00%,F,T)



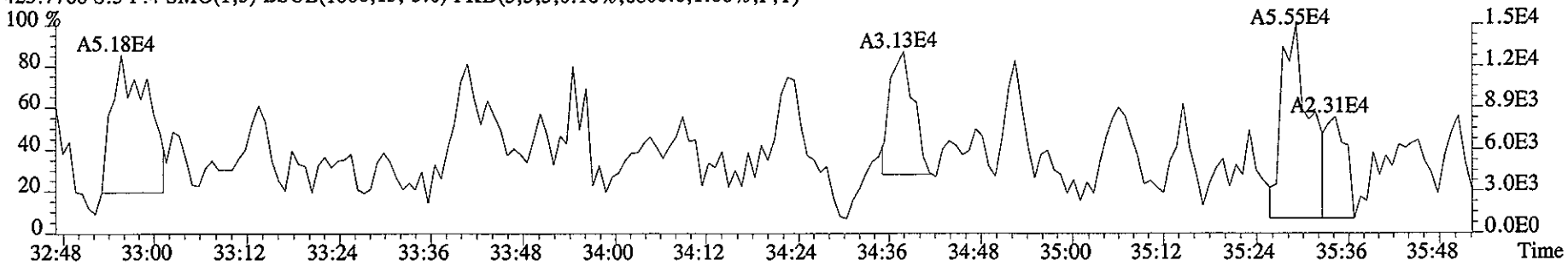
417.8253 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7340.0,1.00%,F,T)

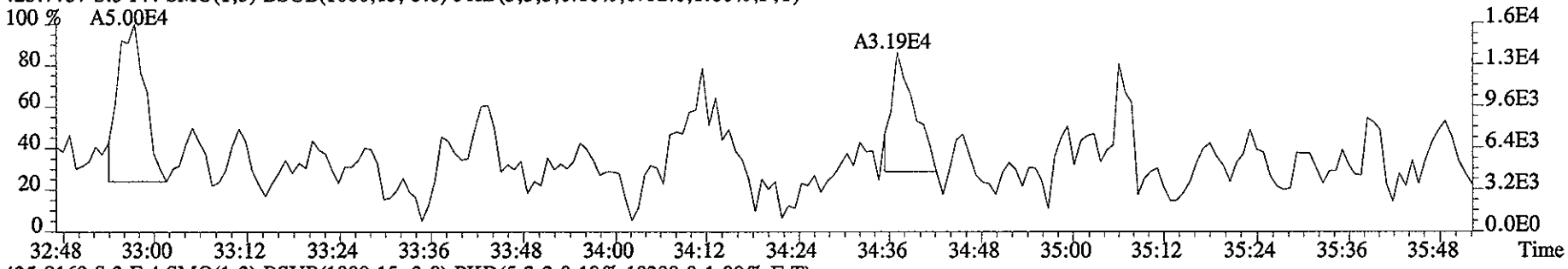


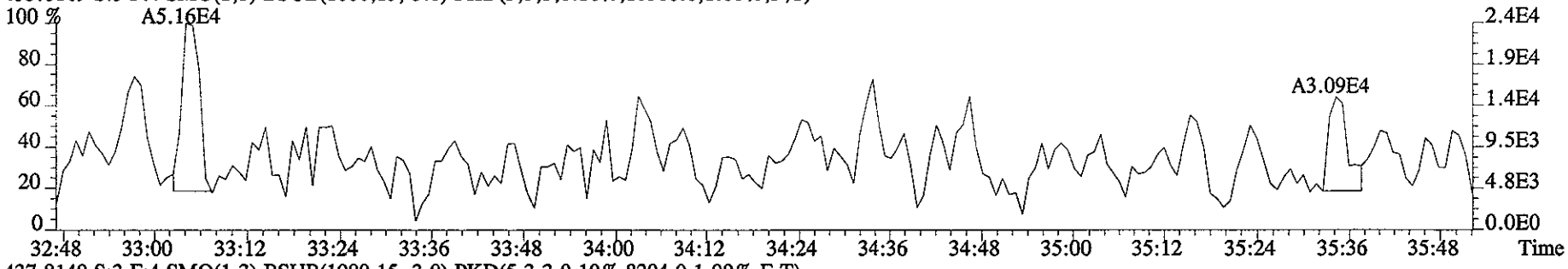
419.8220 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8076.0,1.00%,F,T)

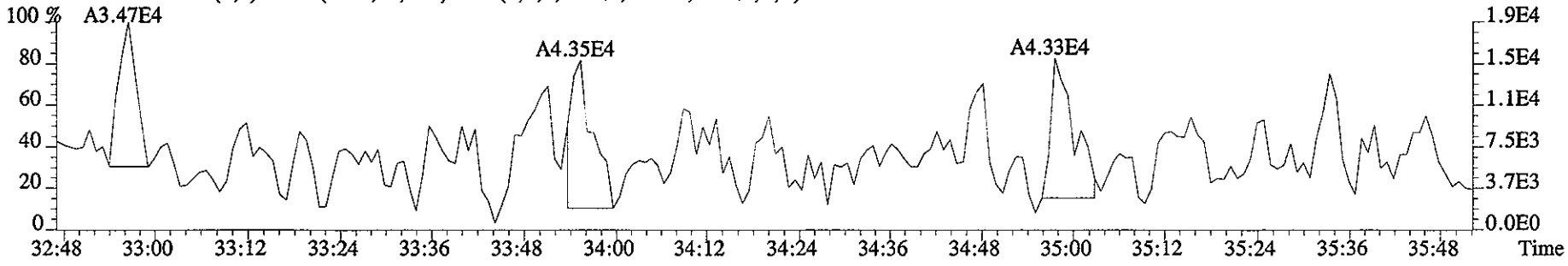


File:10JA061D5 #1-218 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

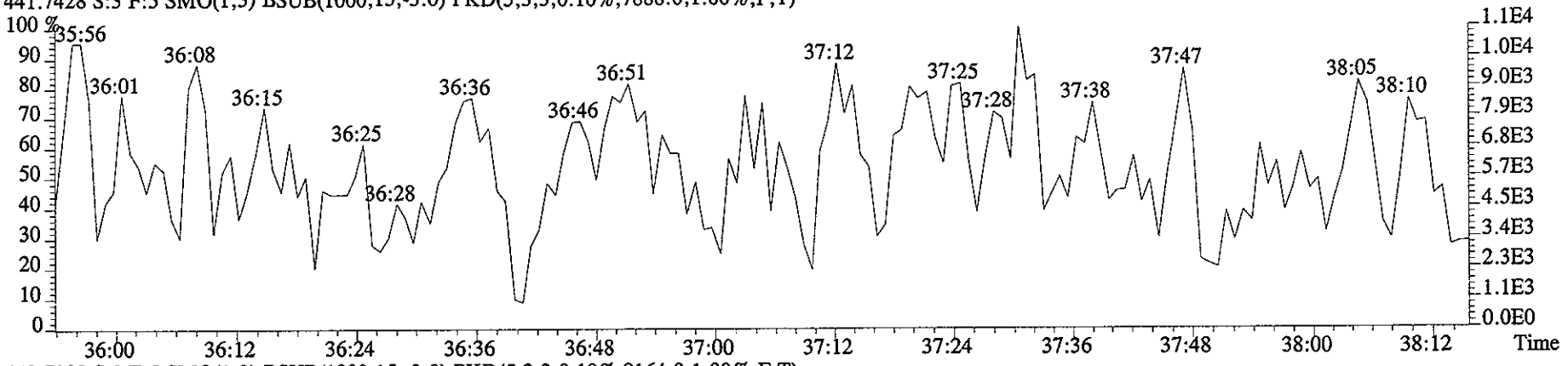




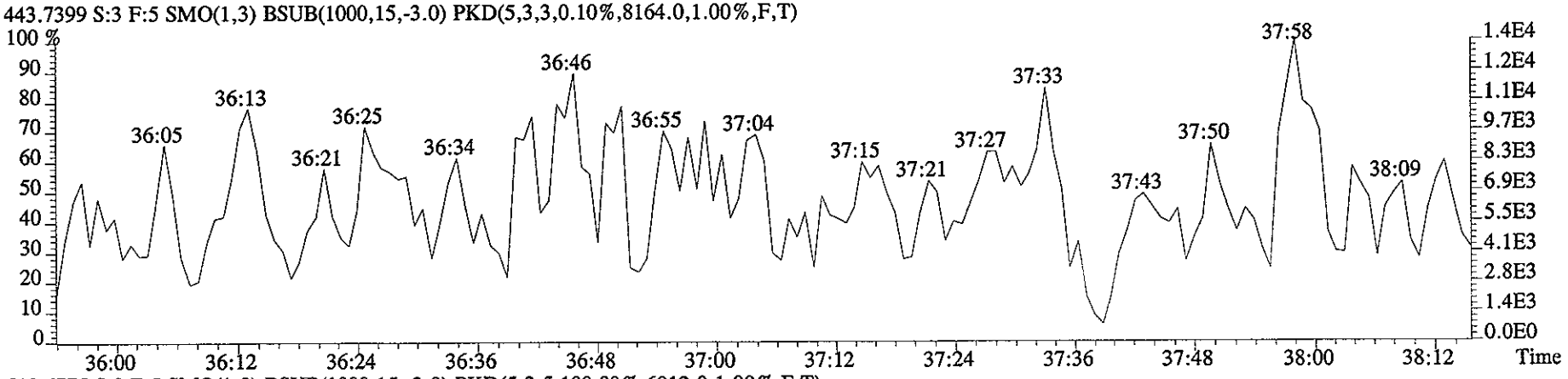




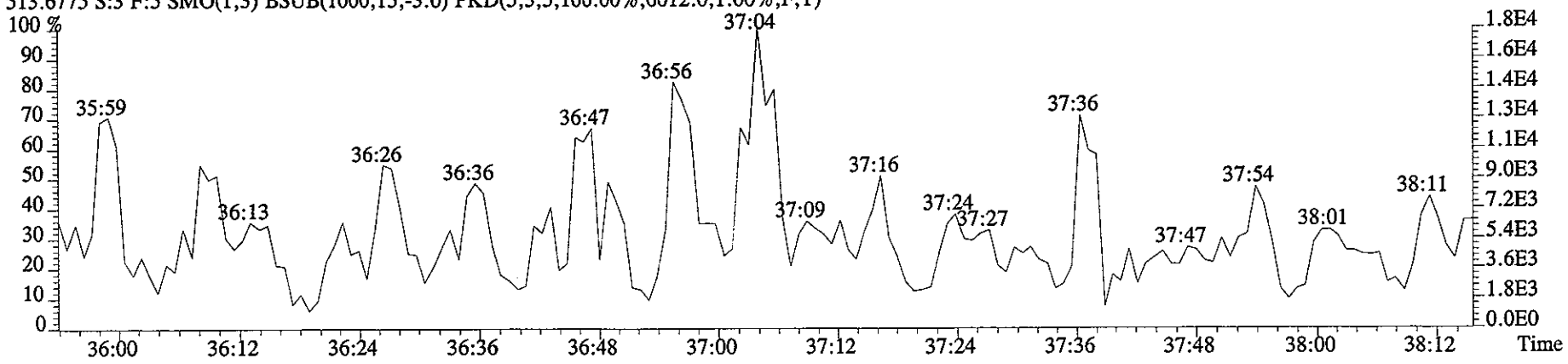
File:10JA061D5 #1-171 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
441.7428 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7888.0,1.00%,F,T)



443.7399 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8164.0,1.00%,F,T)

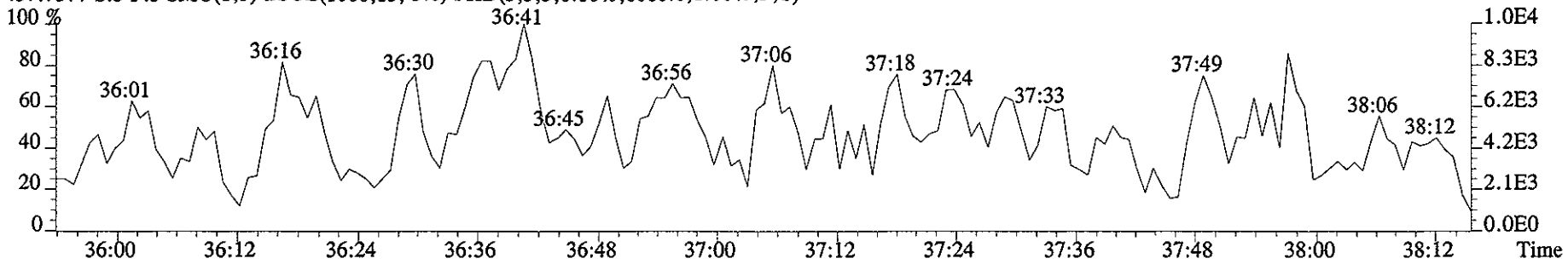


513.6775 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,6012.0,1.00%,F,T)

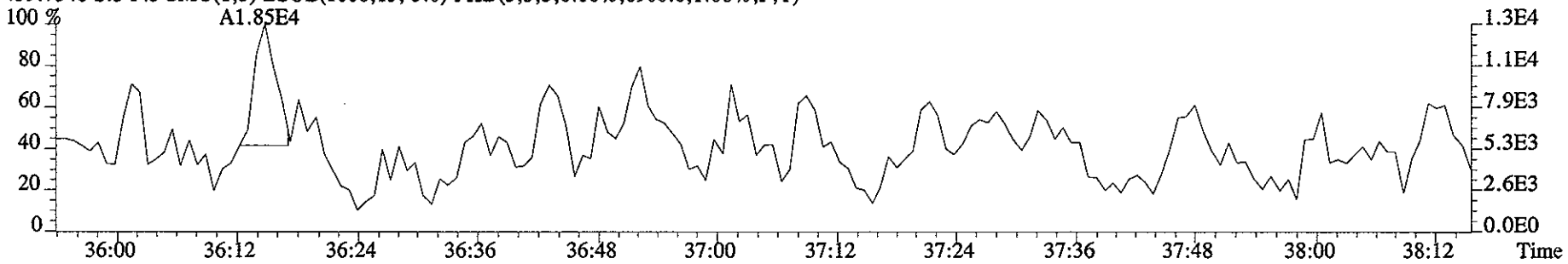


File:10JA061D5 #1-171 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

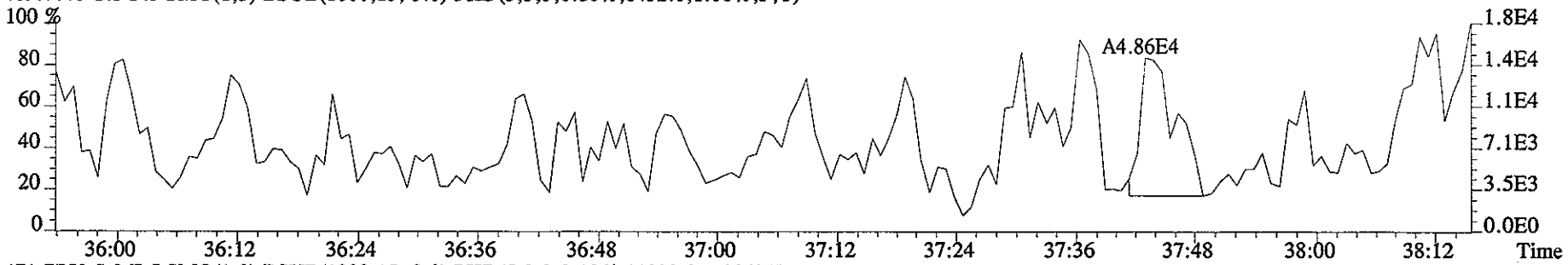
457.7377 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6060.0,1.00%,F,T)



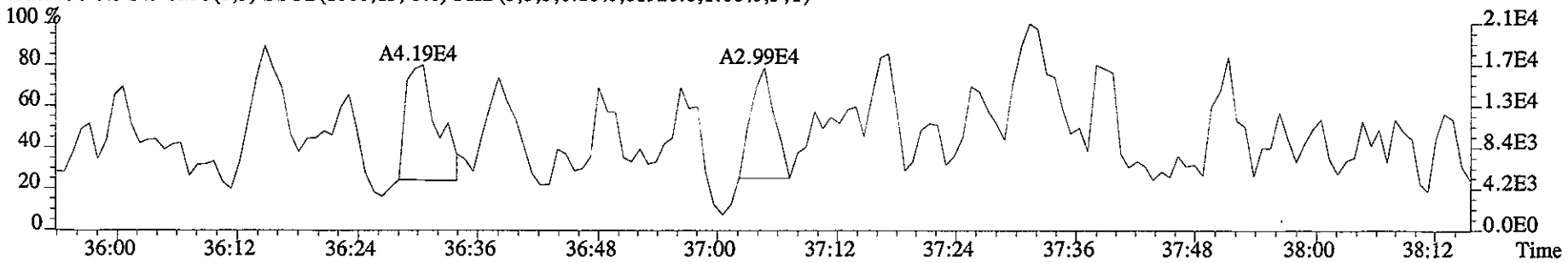
459.7348 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6900.0,1.00%,F,T)



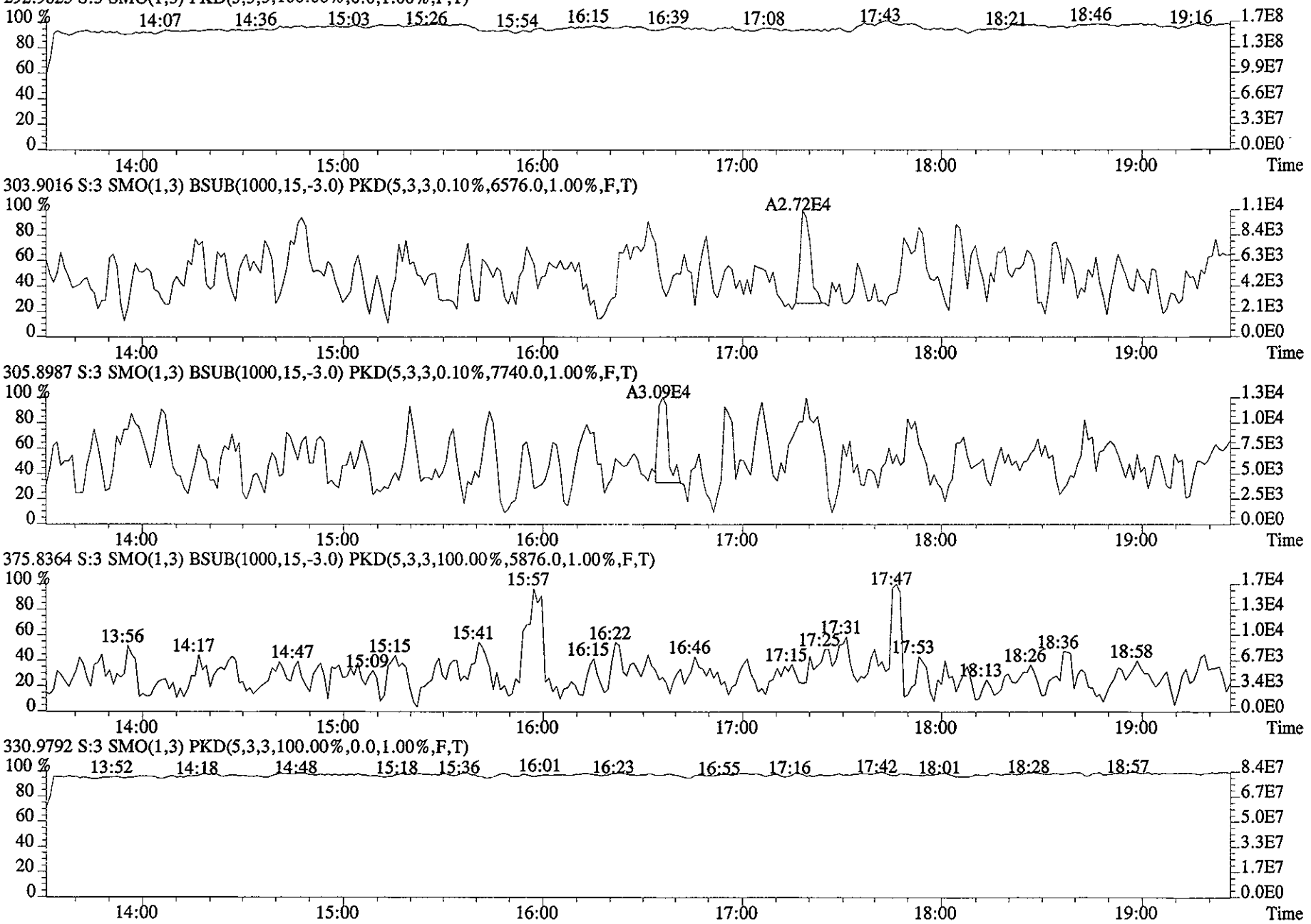
469.7779 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8432.0,1.00%,F,T)



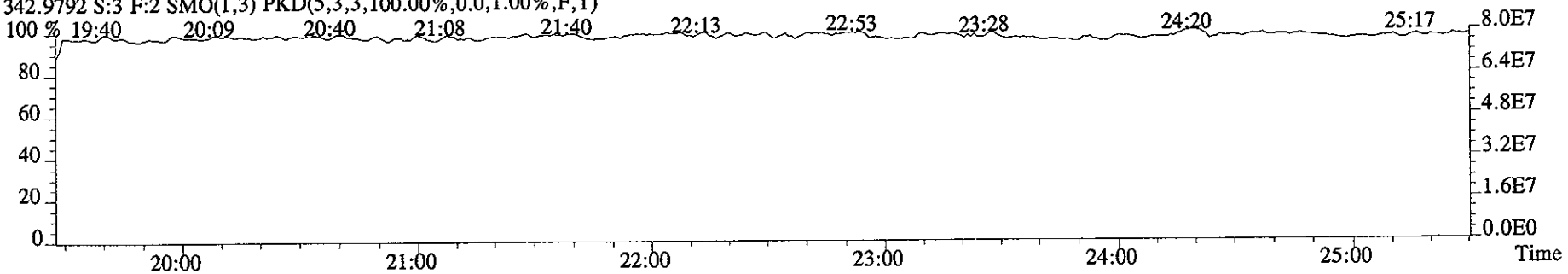
471.7750 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11920.0,1.00%,F,T)



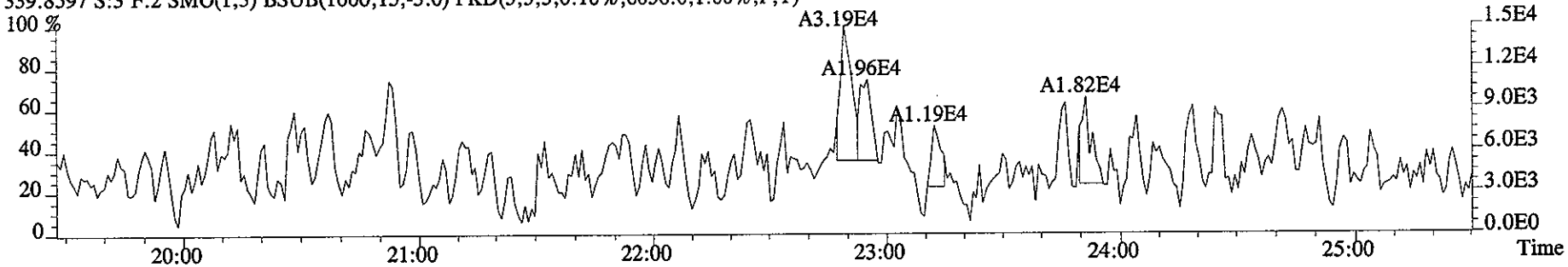
File:10JA061D5 #1-322 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN



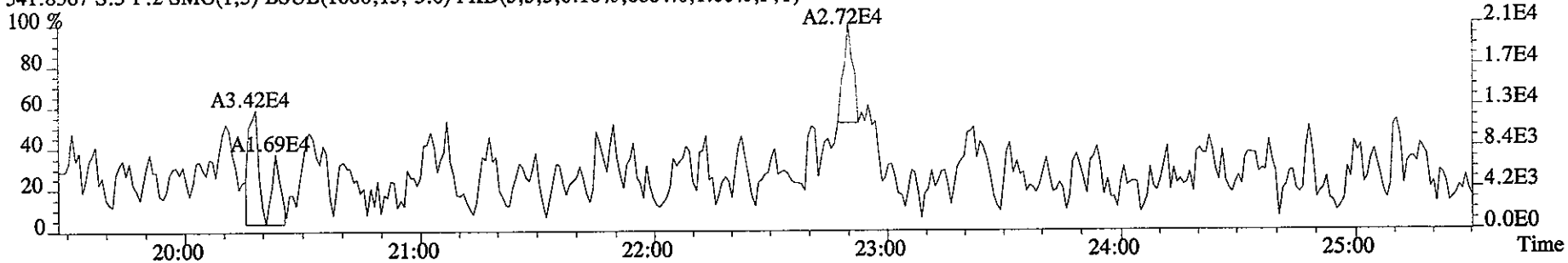
File:10JA061D5 #1-426 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
342.9792 S:3 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



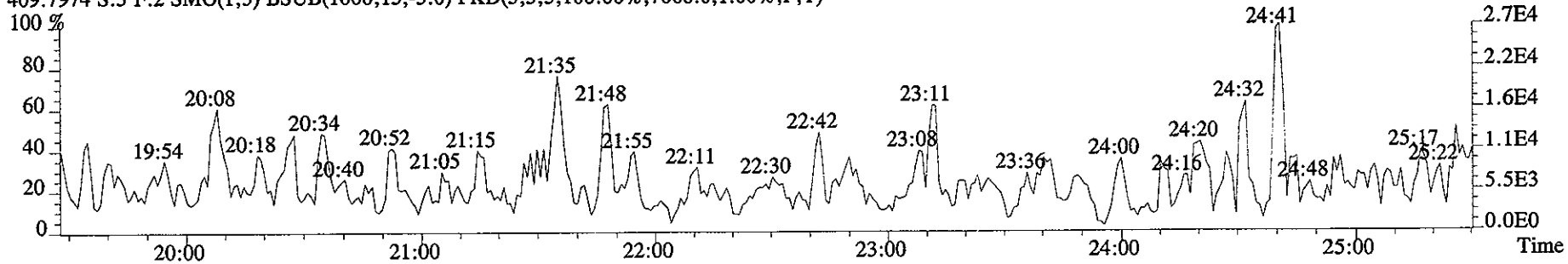
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6056.0,1.00%,F,T)



341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6884.0,1.00%,F,T)

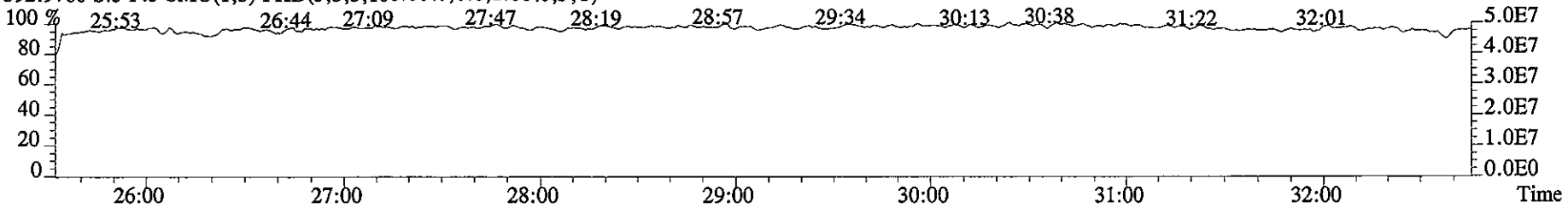


409.7974 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7068.0,1.00%,F,T)

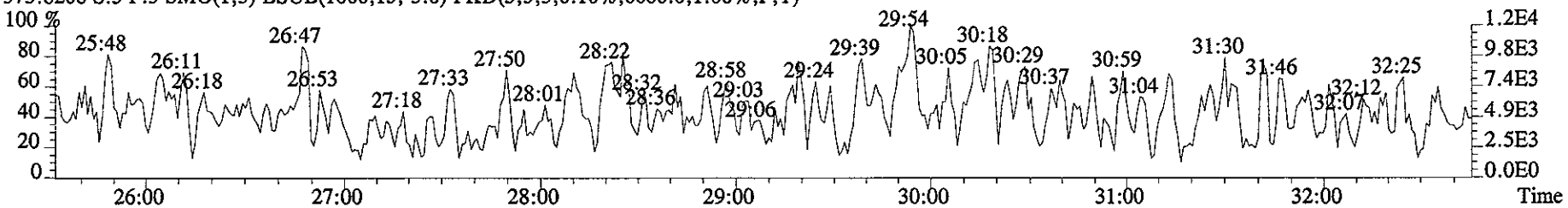


File:10JA061D5 #1-486 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

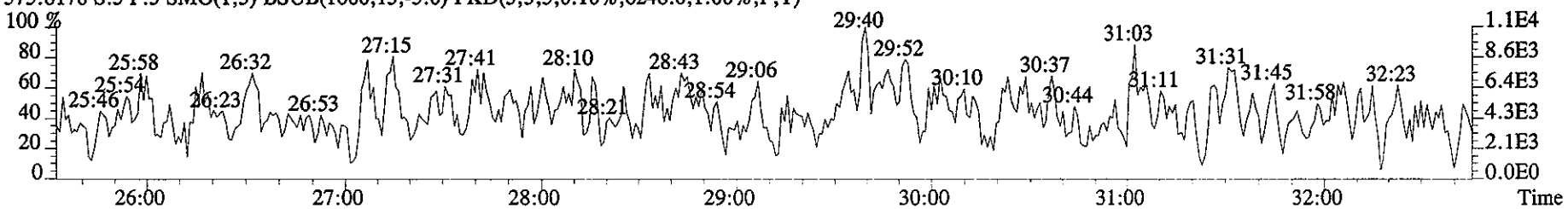
392.9760 S:3 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



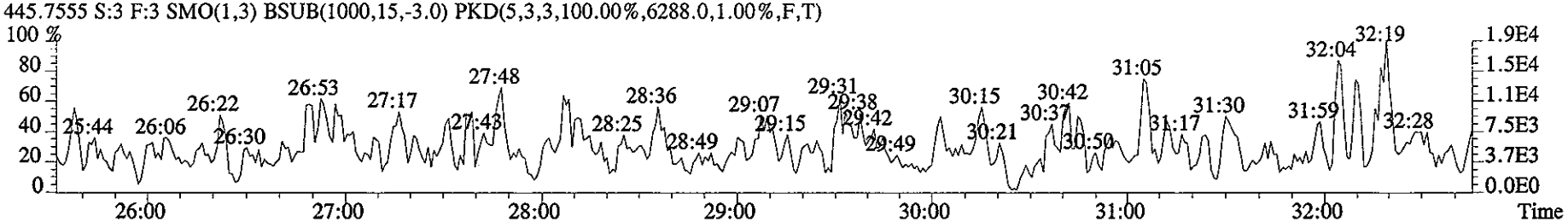
373.8208 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6680.0,1.00%,F,T)



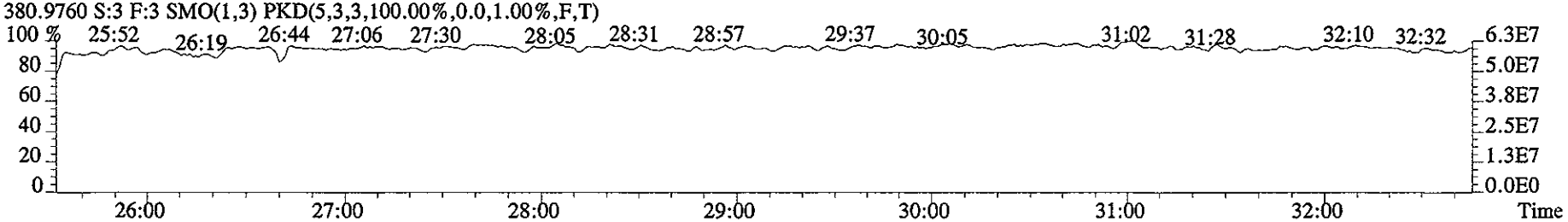
375.8178 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6248.0,1.00%,F,T)



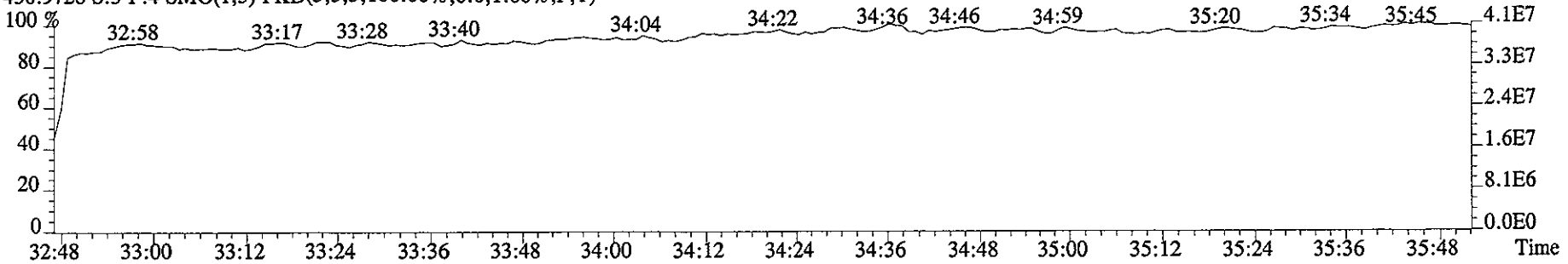
445.7555 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6288.0,1.00%,F,T)



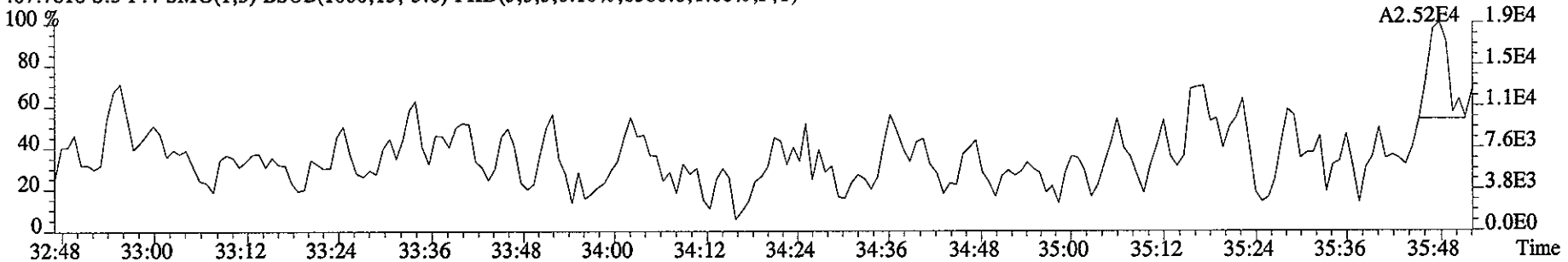
380.9760 S:3 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



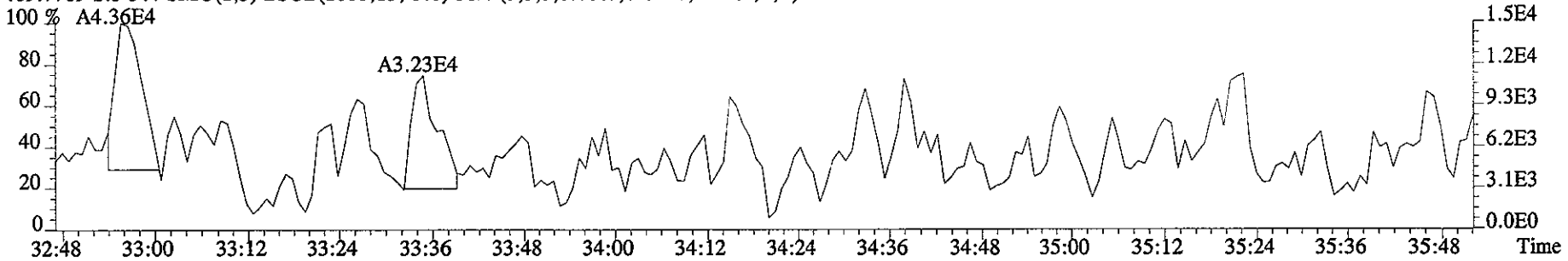
File:10JA061D5 #1-218 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
430.9728 S:3 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



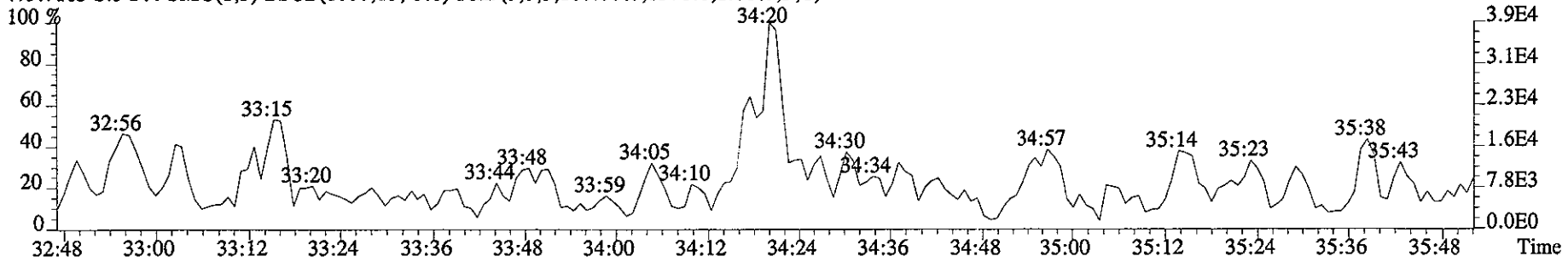
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8588.0,1.00%,F,T)



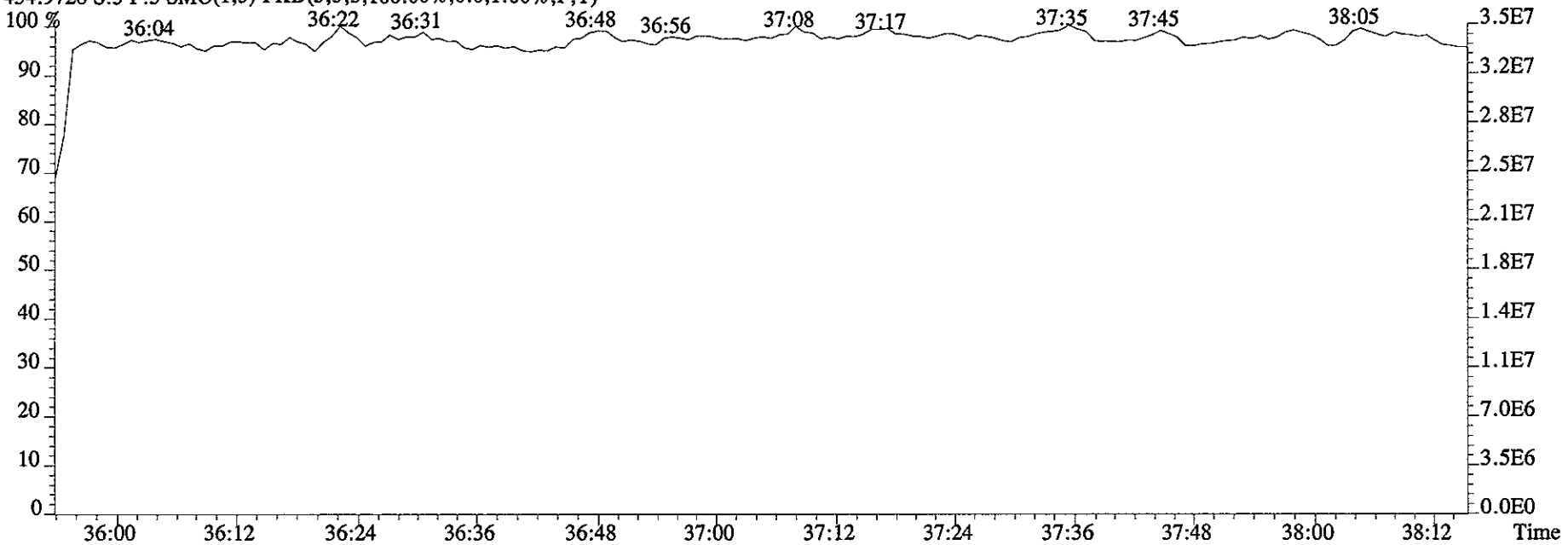
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6792.0,1.00%,F,T)



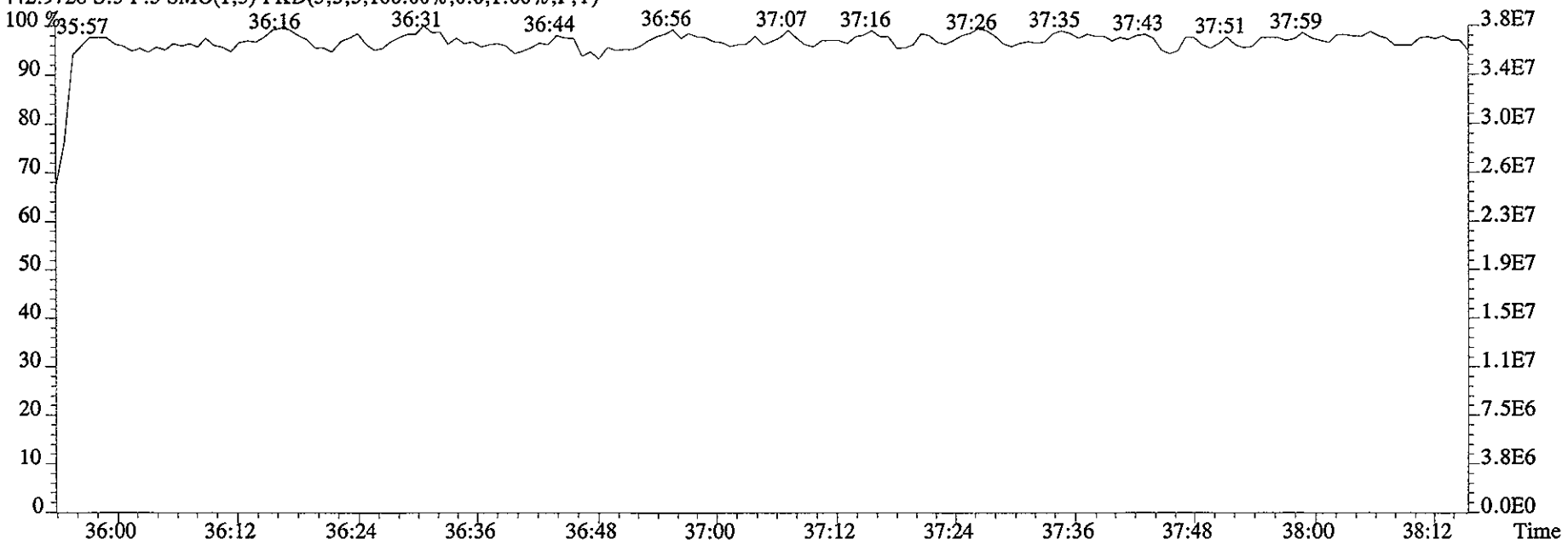
479.7165 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,8376.0,1.00%,F,T)



File:10JA061D5 #1-171 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
454.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

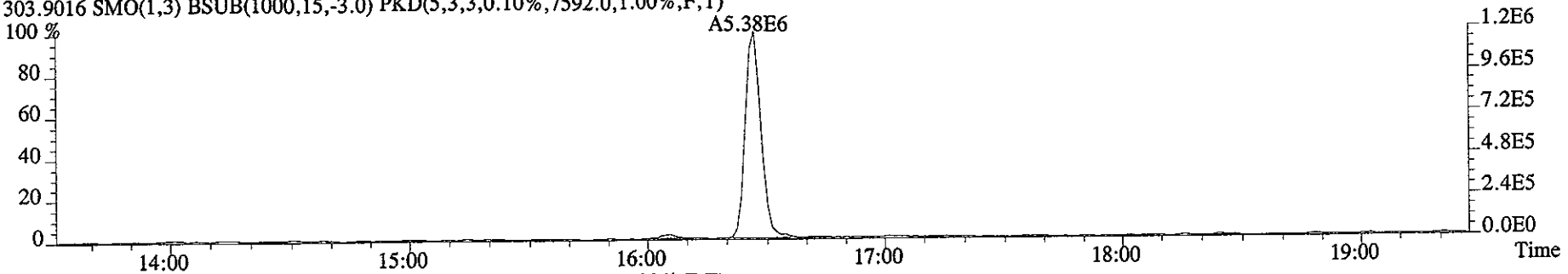


442.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

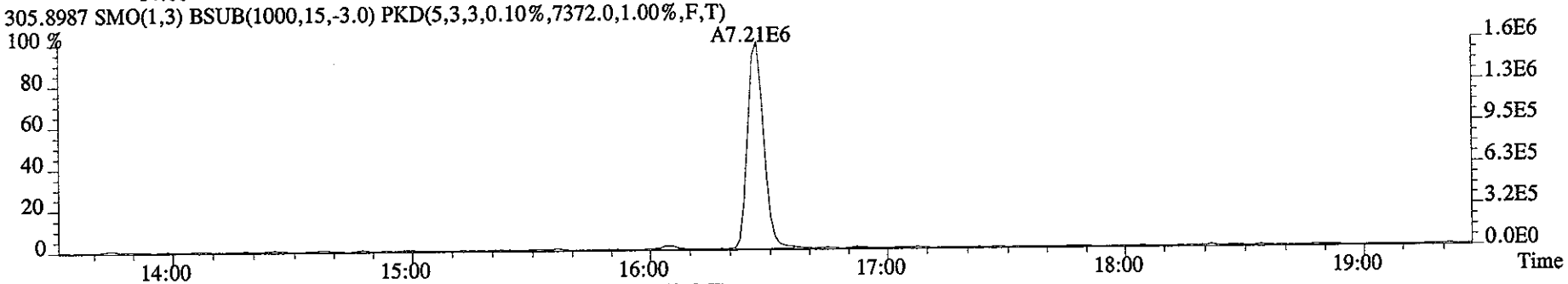


File:11JA061D5 #1-323 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN

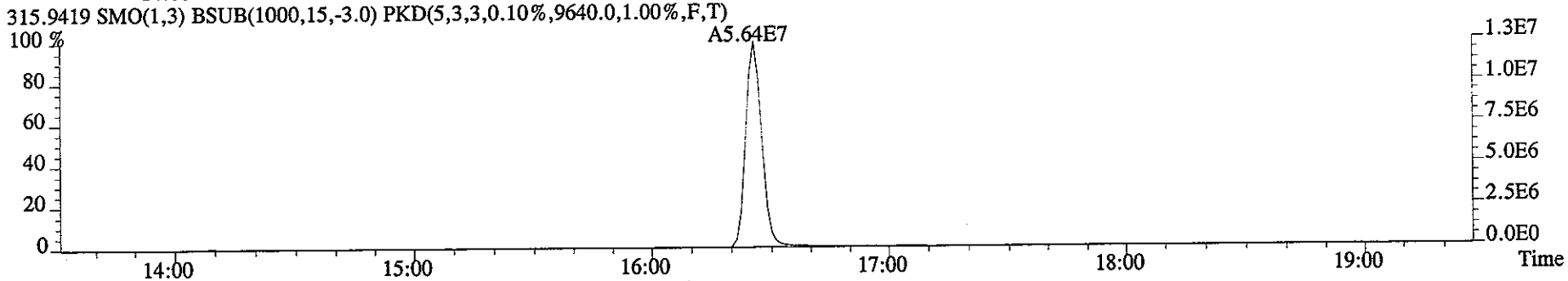
303.9016 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7592.0,1.00%,F,T)



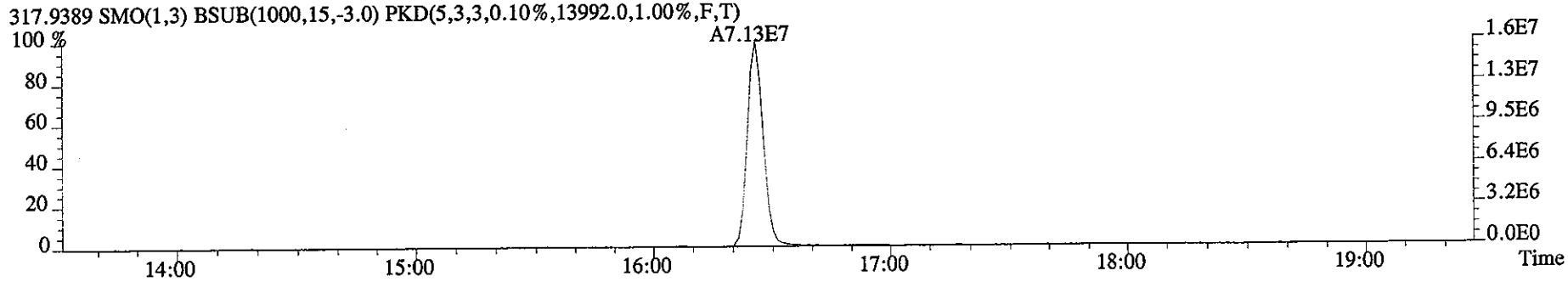
305.8987 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7372.0,1.00%,F,T)



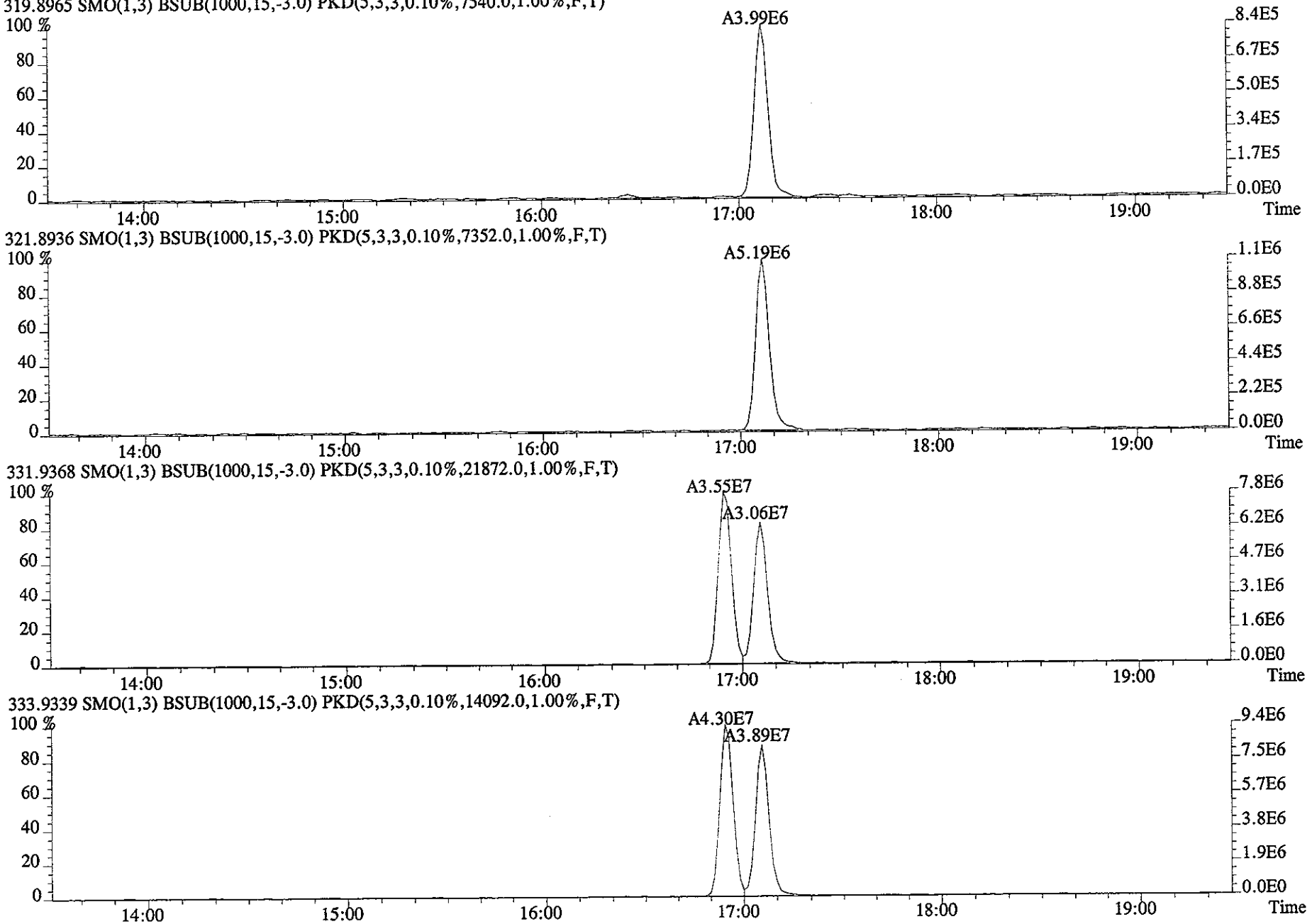
315.9419 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9640.0,1.00%,F,T)



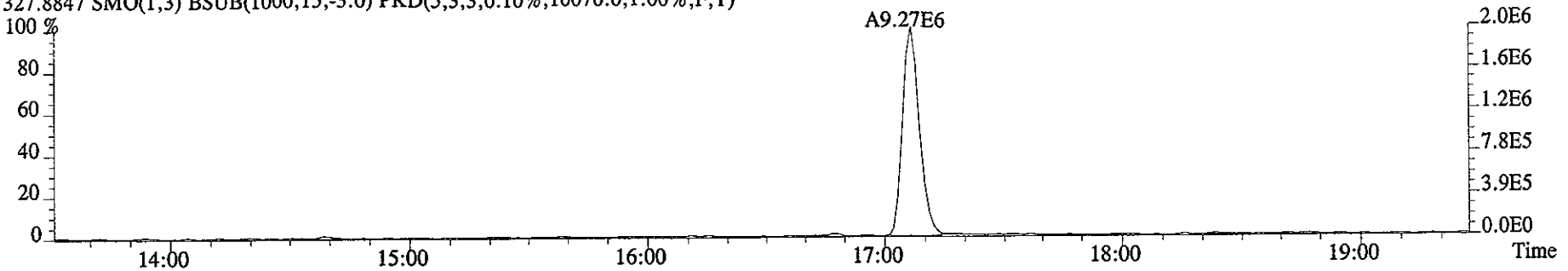
317.9389 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13992.0,1.00%,F,T)



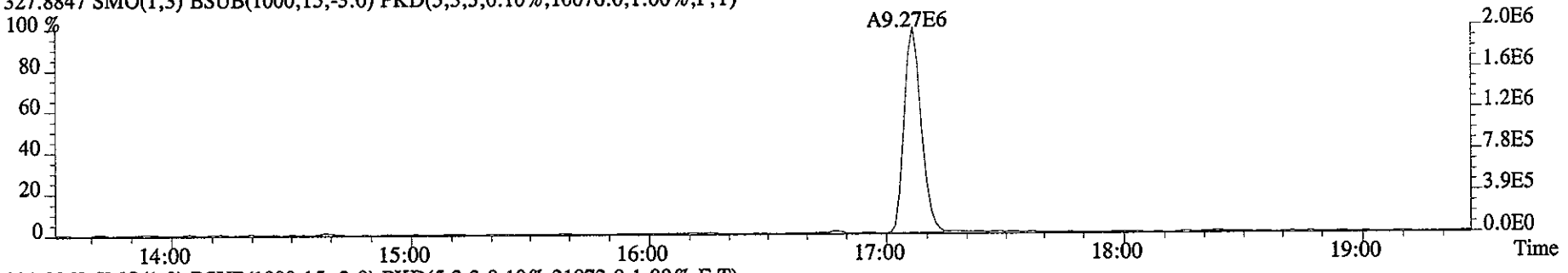
File:11JA061D5 #1-323 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN



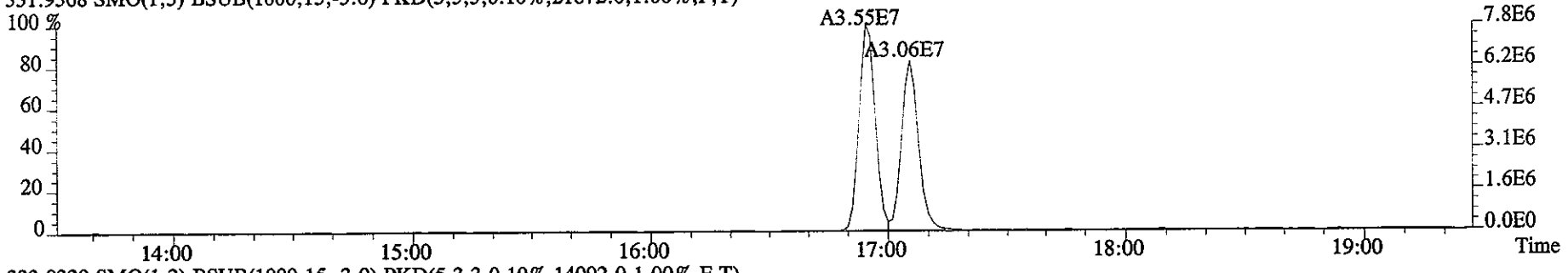
File:11JA061D5 #1-323 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
327.8847 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10076.0,1.00%,F,T)



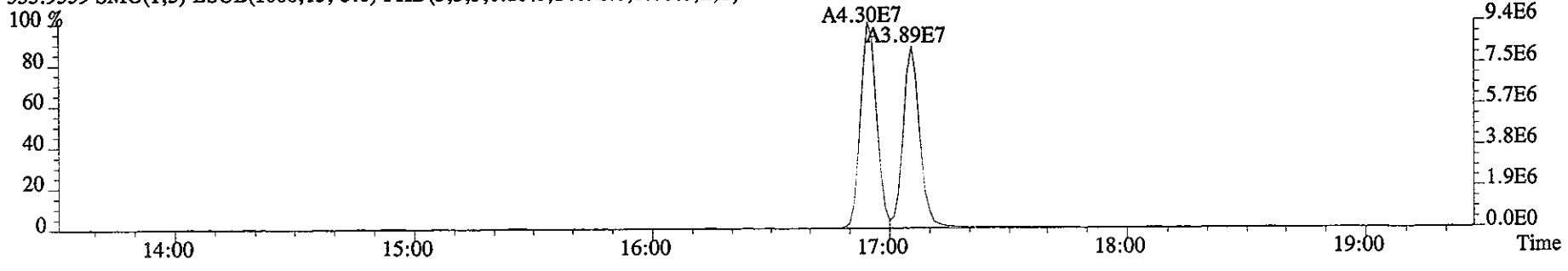
327.8847 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10076.0,1.00%,F,T)



331.9368 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21872.0,1.00%,F,T)

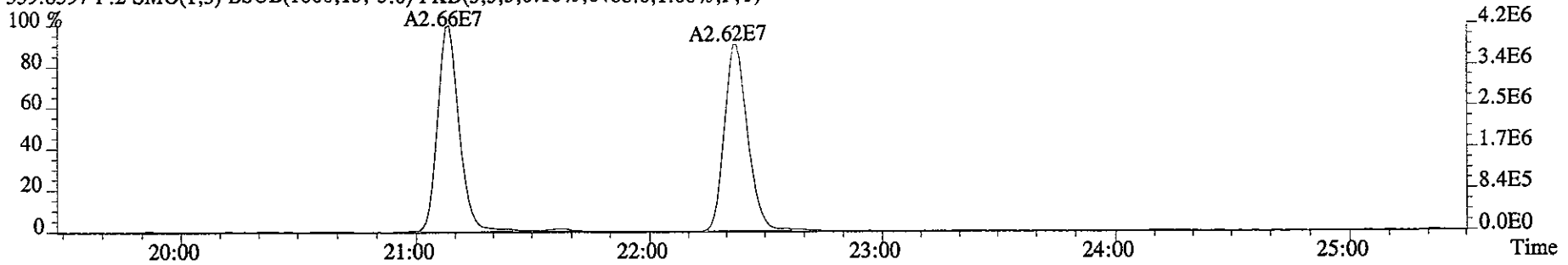


333.9339 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14092.0,1.00%,F,T)

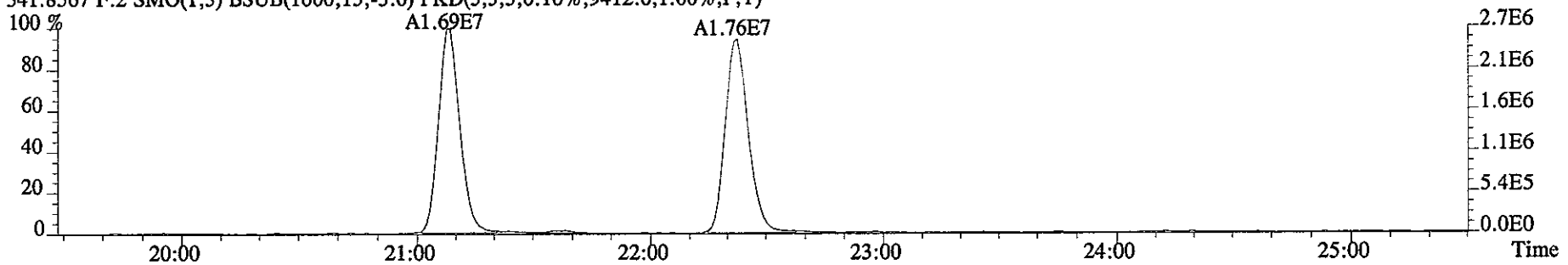


File:11JA061D5 #1-425 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN

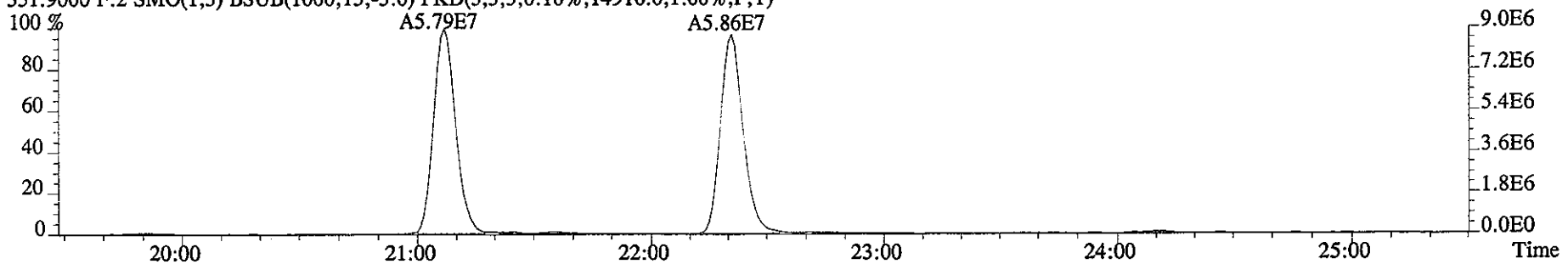
339.8597 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8468.0,1.00%,F,T)



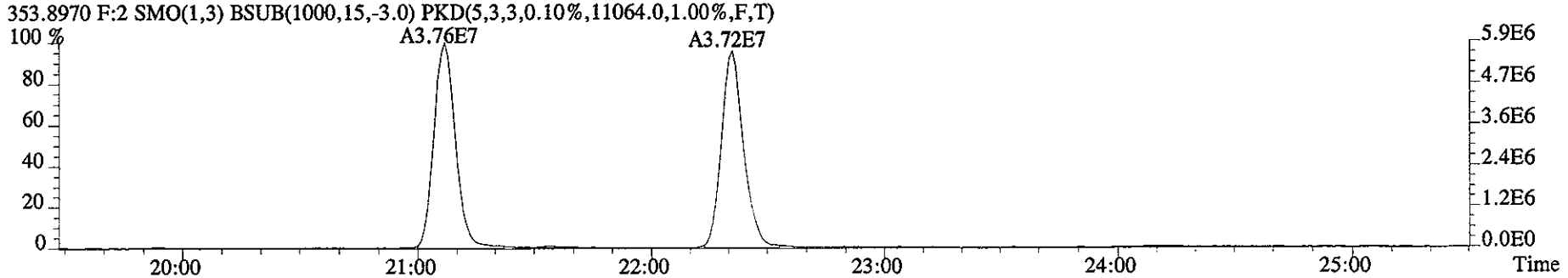
341.8567 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9412.0,1.00%,F,T)



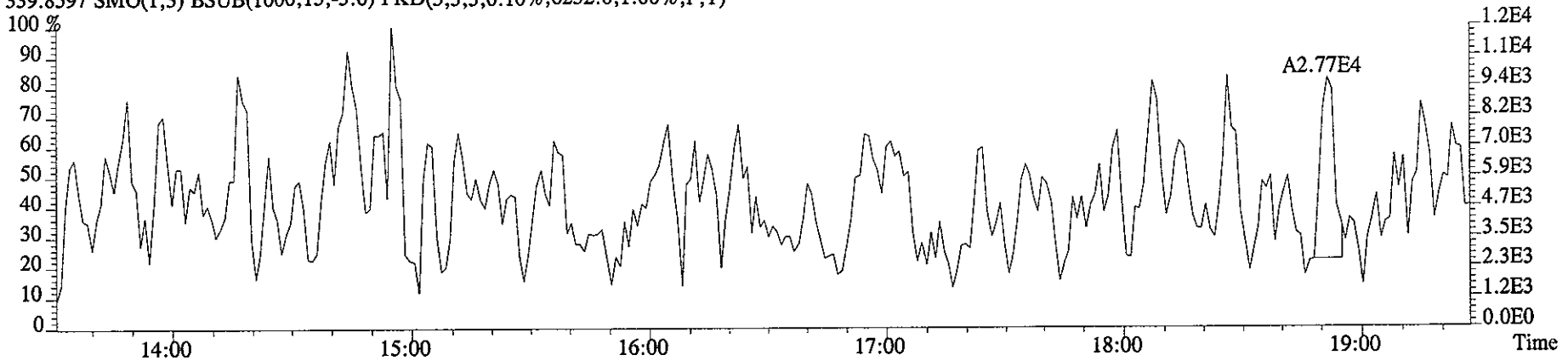
351.9000 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14916.0,1.00%,F,T)



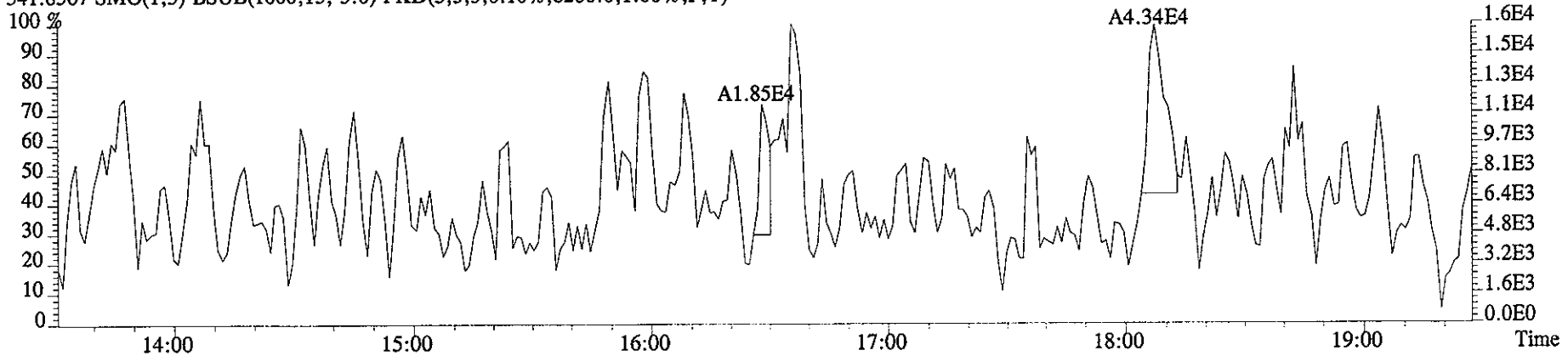
353.8970 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11064.0,1.00%,F,T)



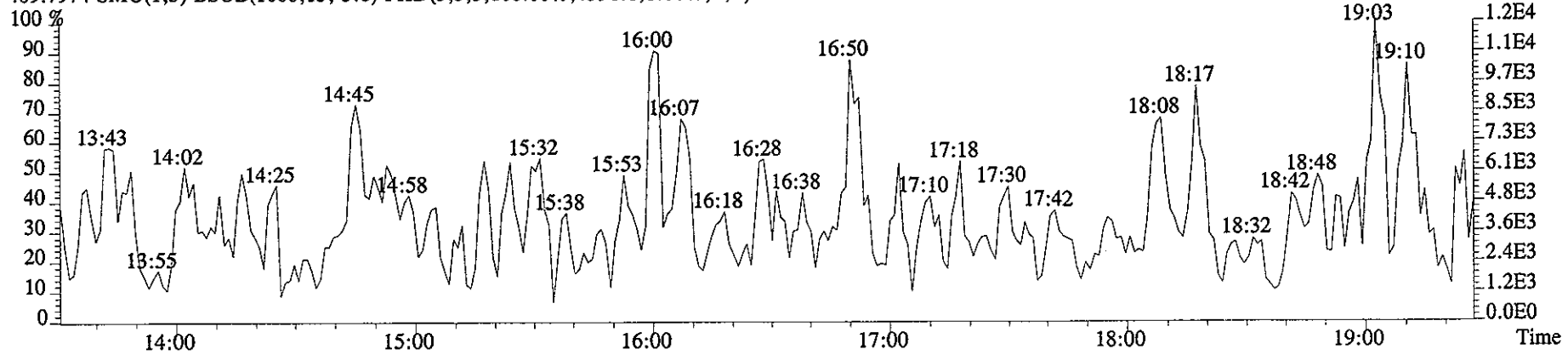
File:11JA061D5 #1-323 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
339.8597 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6252.0,1.00%,F,T)



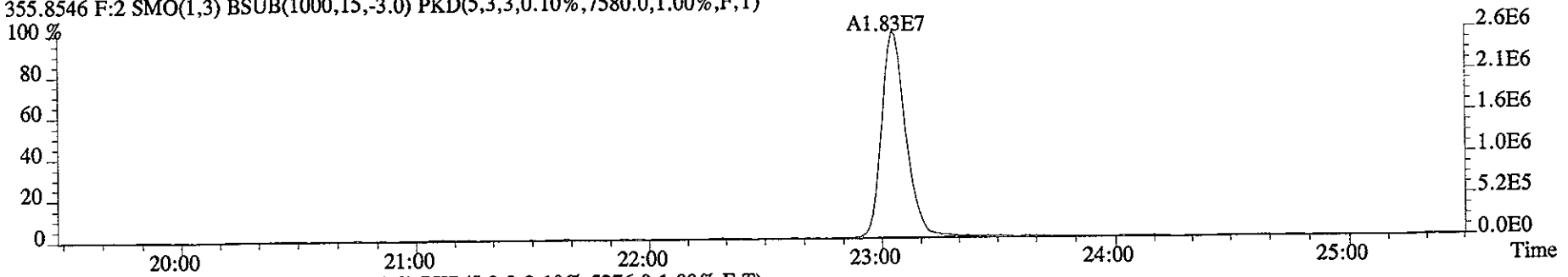
341.8567 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8280.0,1.00%,F,T)

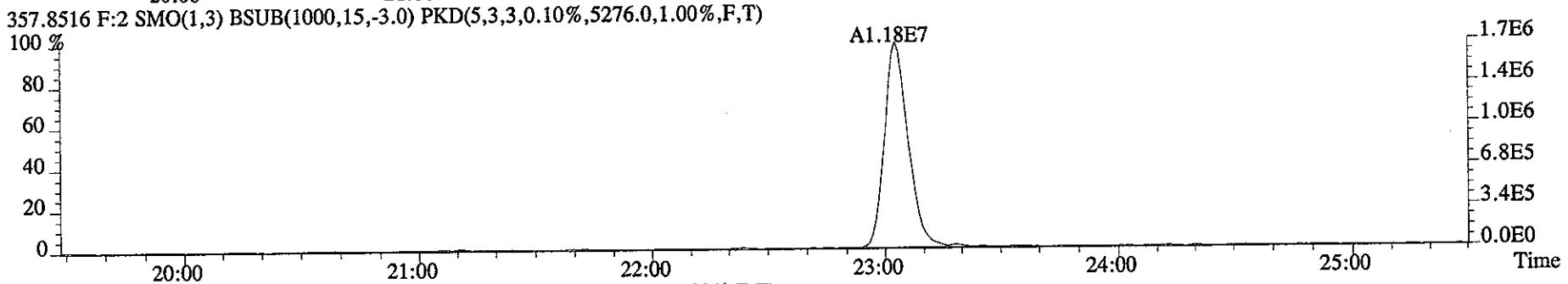


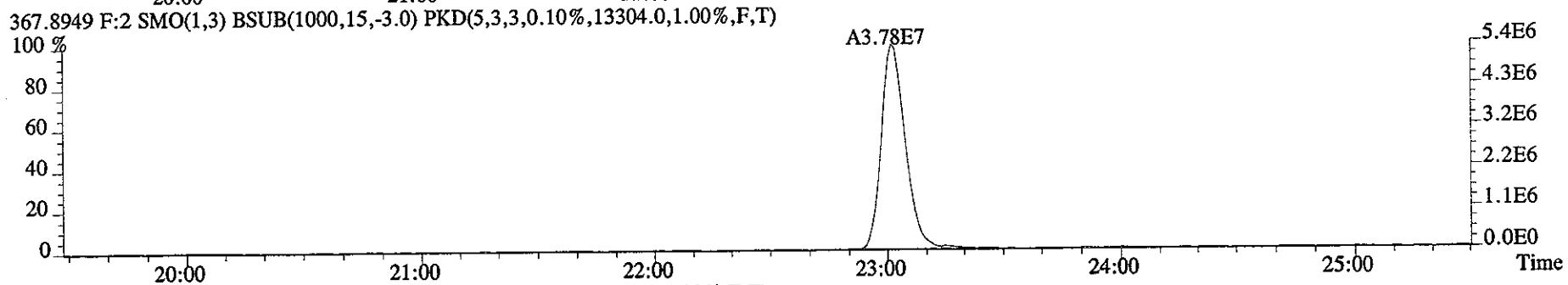
409.7974 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4596.0,1.00%,F,T)

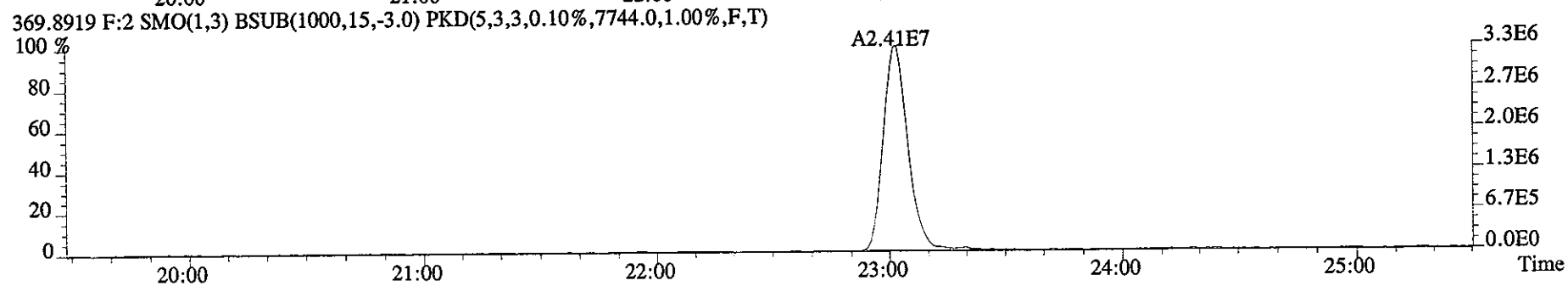


File:11JA061D5 #1-425 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN

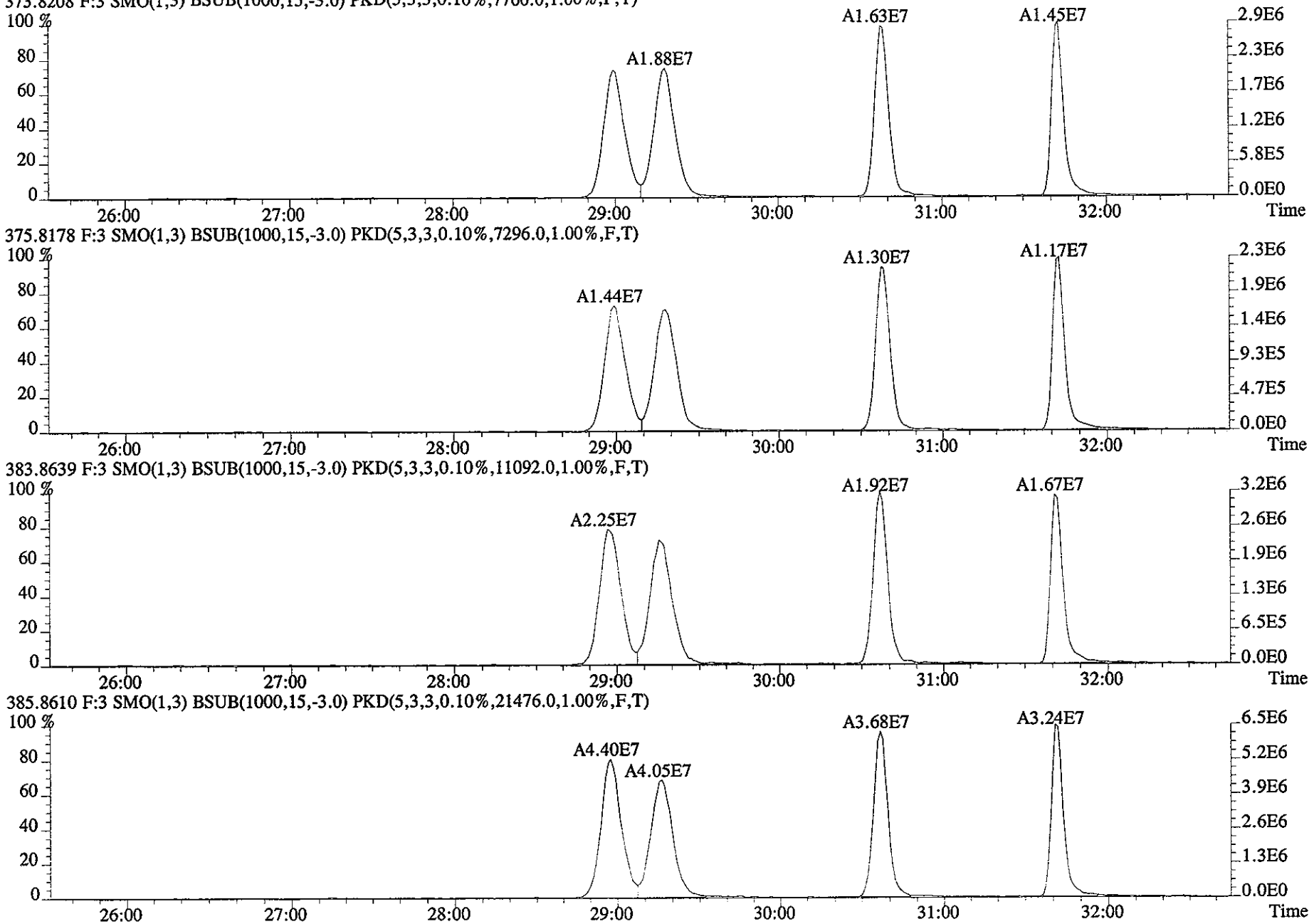






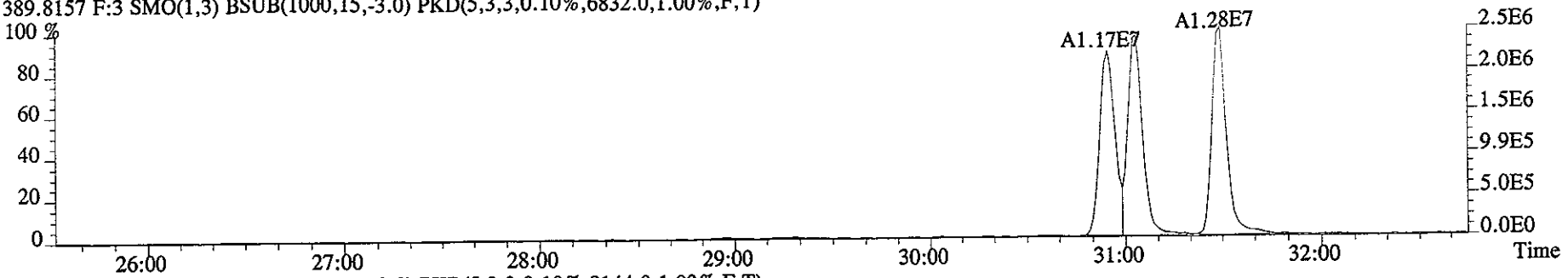


File:11JA061D5 #1-486 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN

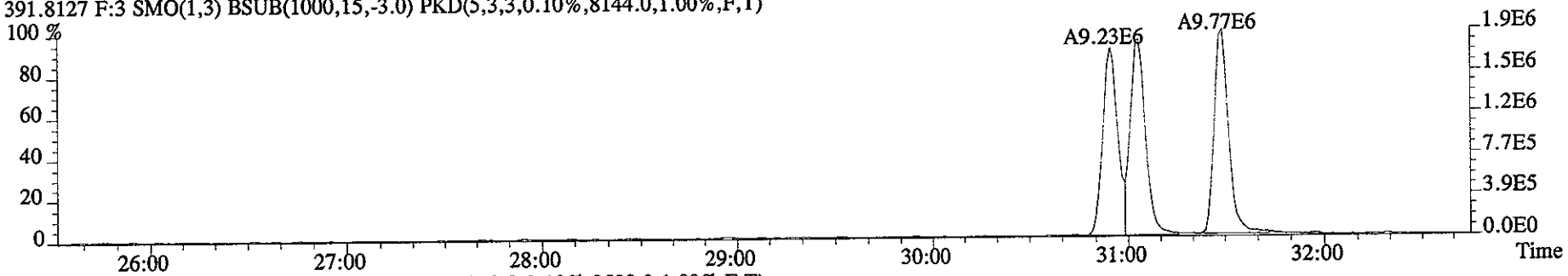


File:11JA061D5 #1-486 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN

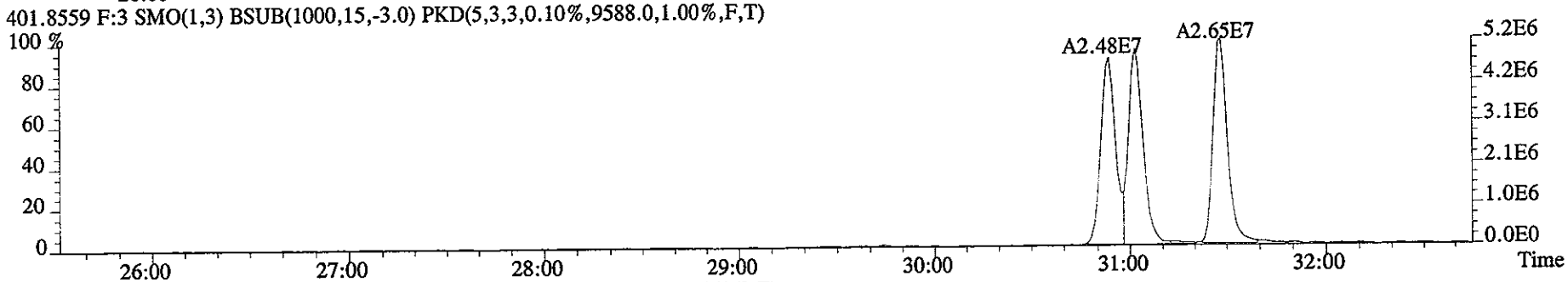
389.8157 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6832.0,1.00%,F,T)



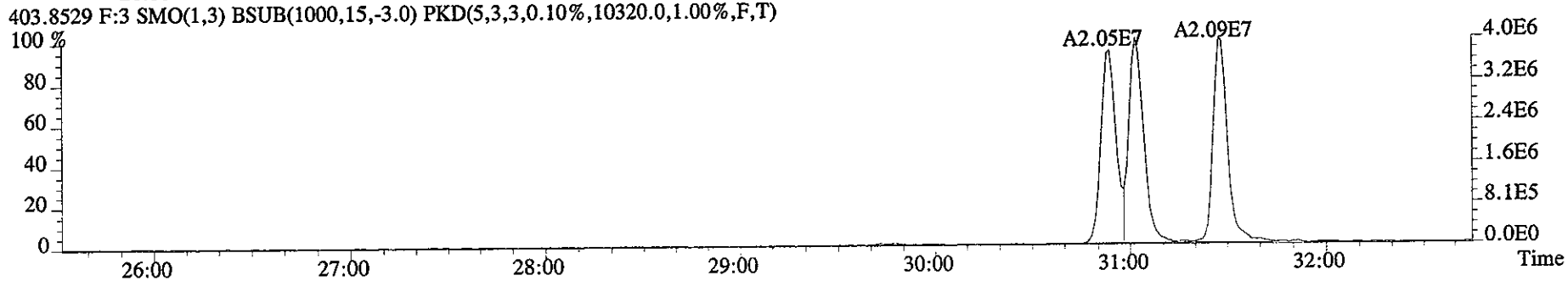
391.8127 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8144.0,1.00%,F,T)



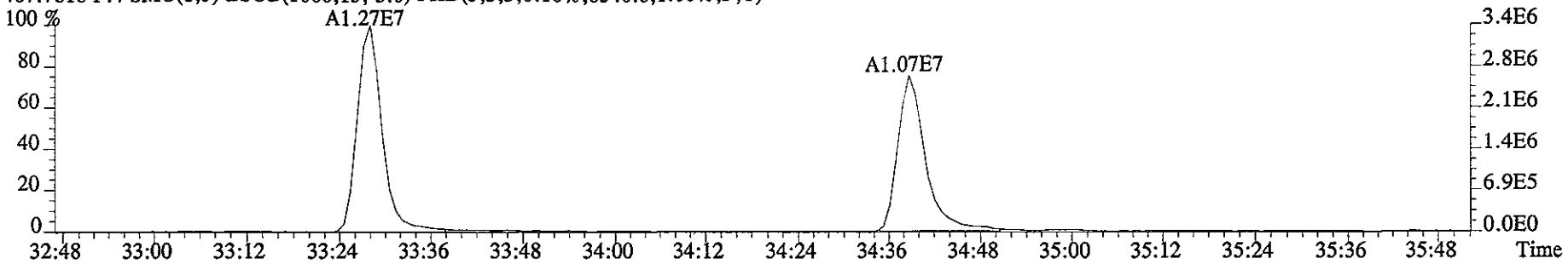
401.8559 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9588.0,1.00%,F,T)



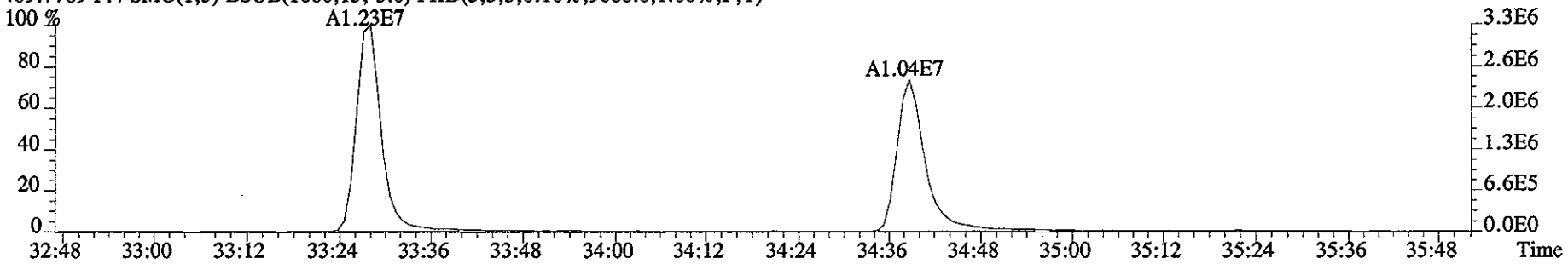
403.8529 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10320.0,1.00%,F,T)



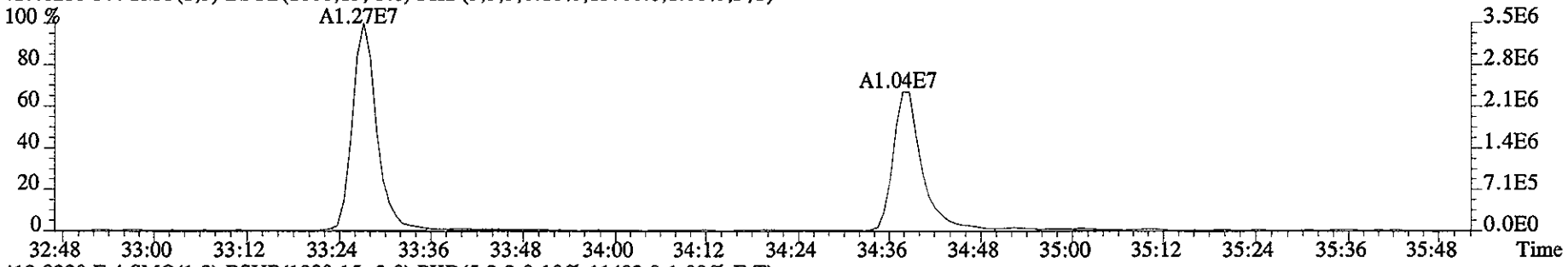
File:11JA061D5 #1-218 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
407.7818 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8540.0,1.00%,F,T)



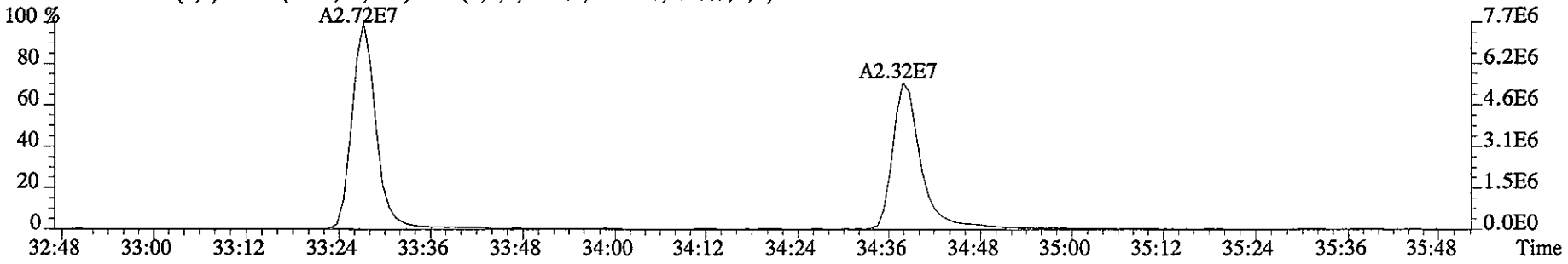
409.7789 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9088.0,1.00%,F,T)



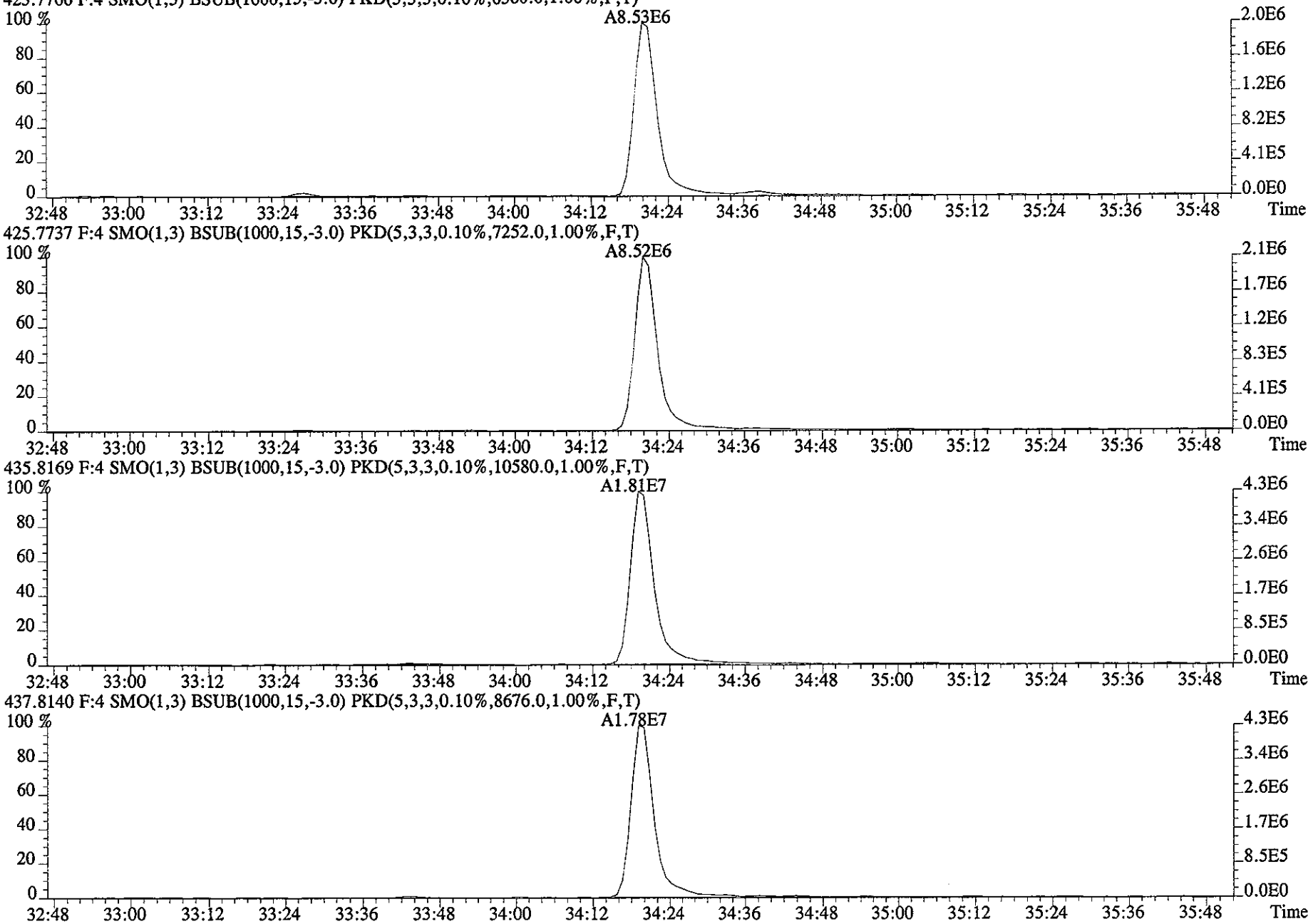
417.8253 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15700.0,1.00%,F,T)



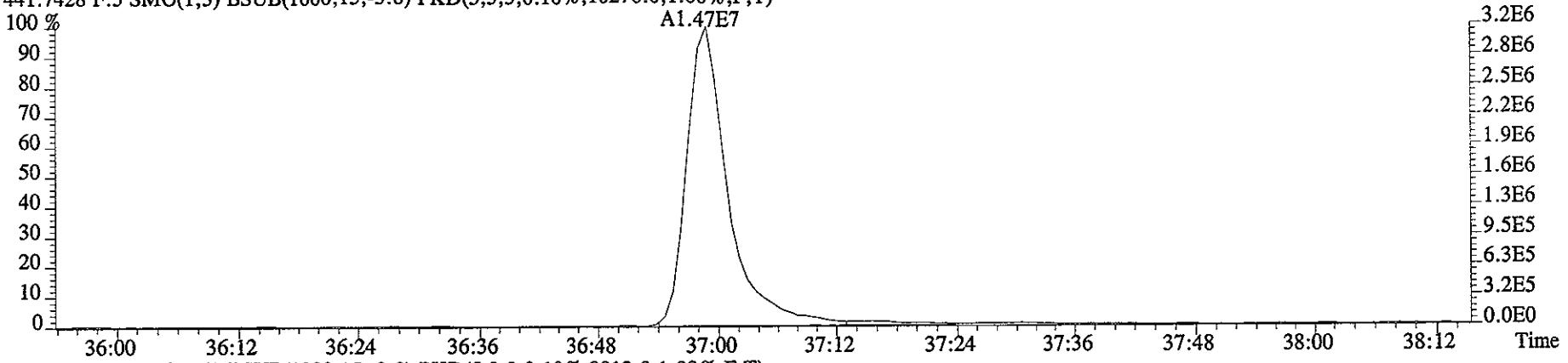
419.8220 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11492.0,1.00%,F,T)



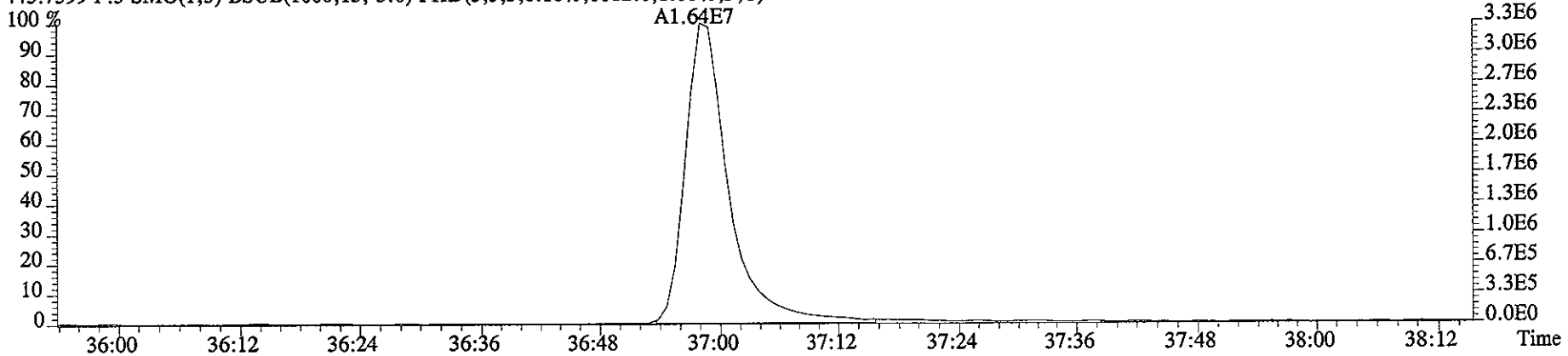
File:11JA061D5 #1-218 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN



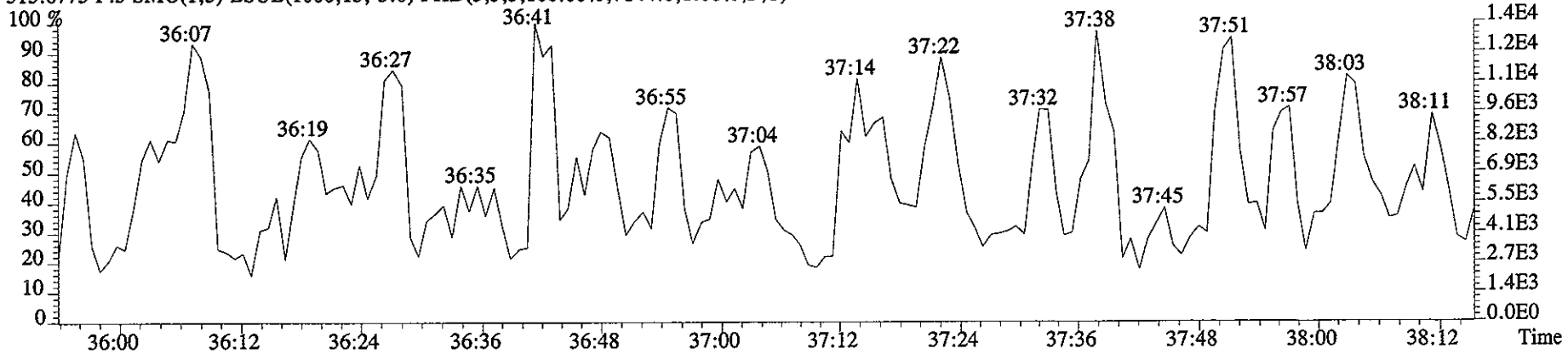
File:11JA061D5 #1-171 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
441.7428 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10276.0,1.00%,F,T)



443.7399 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8812.0,1.00%,F,T)

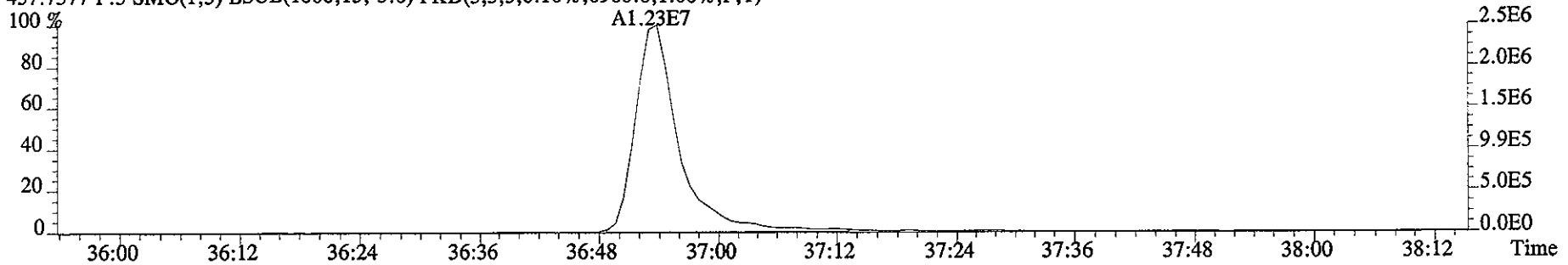


513.6775 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,7144.0,1.00%,F,T)

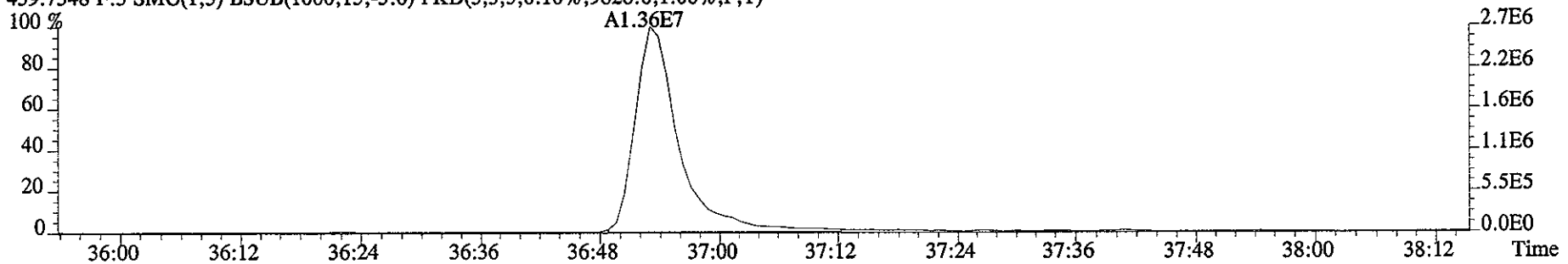


File:11JA061D5 #1-171 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN

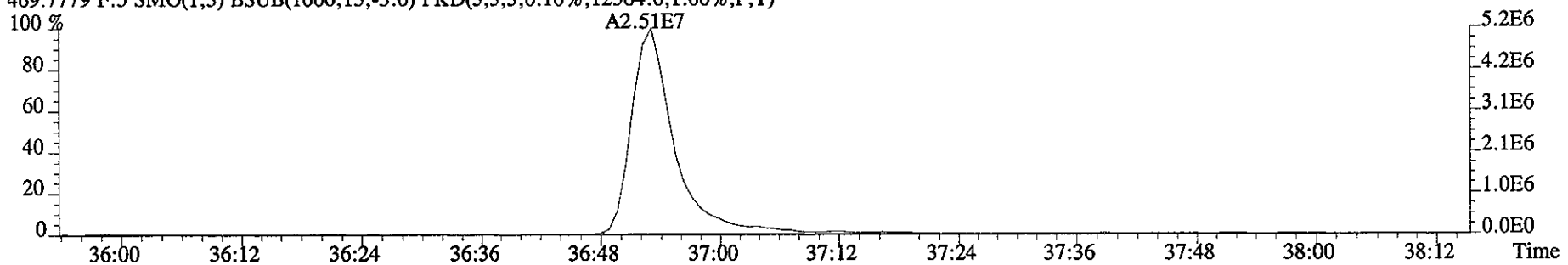
457.7377 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6960.0,1.00%,F,T)



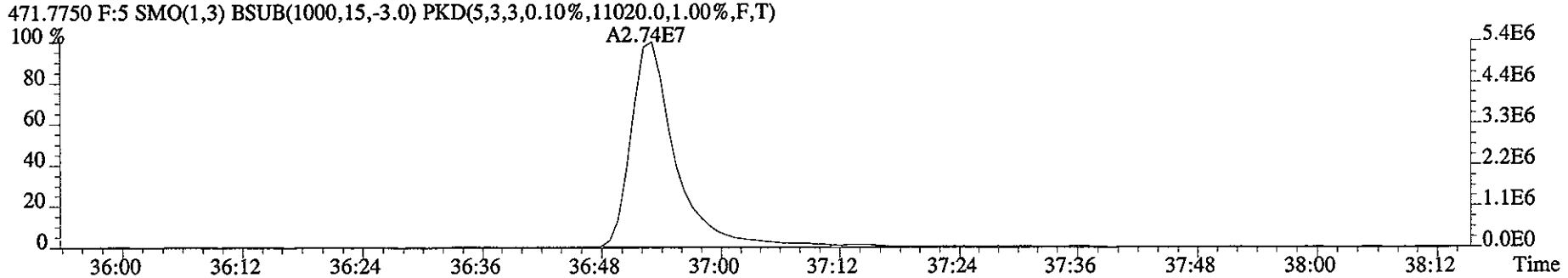
459.7348 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9828.0,1.00%,F,T)



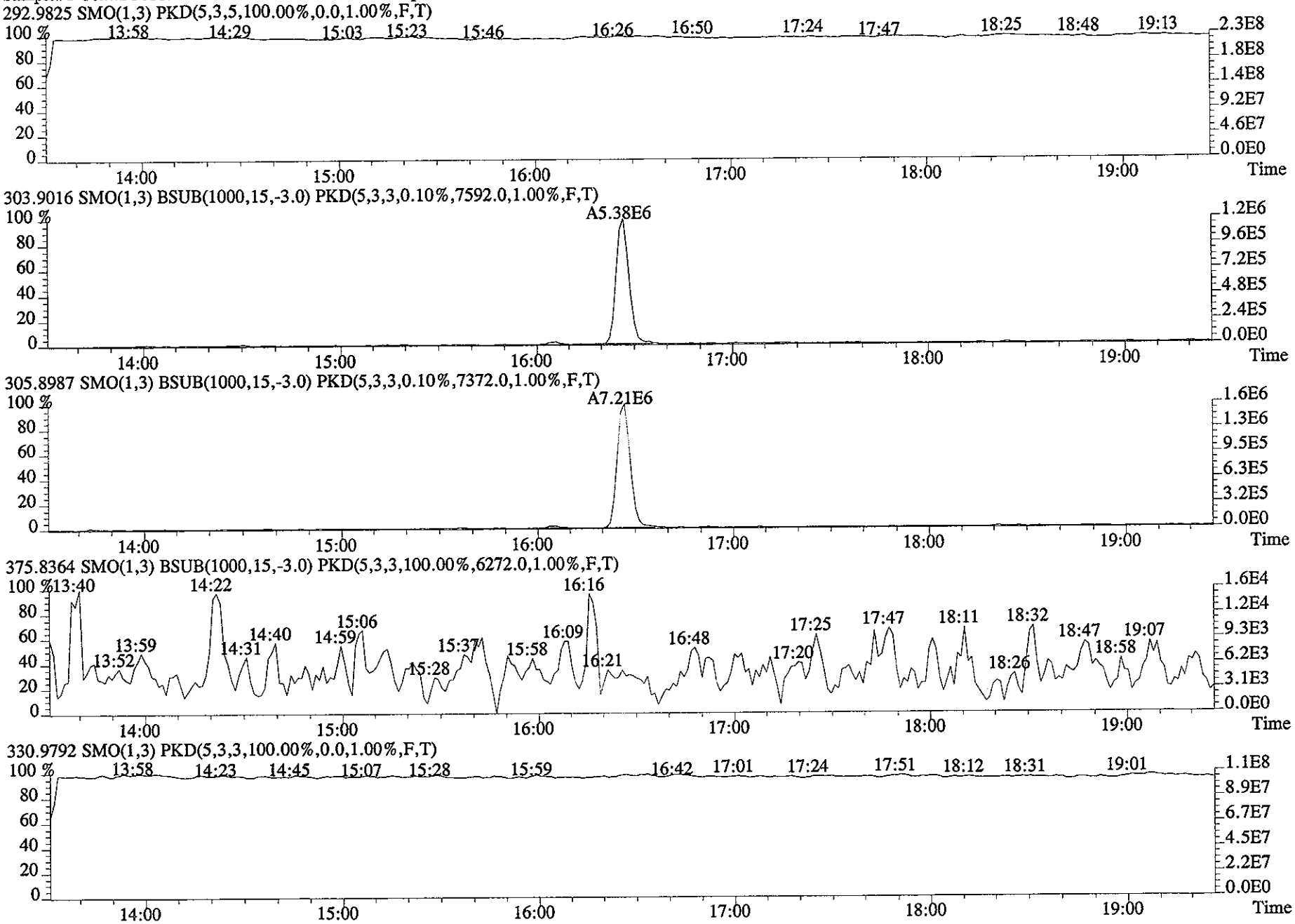
469.7779 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12364.0,1.00%,F,T)



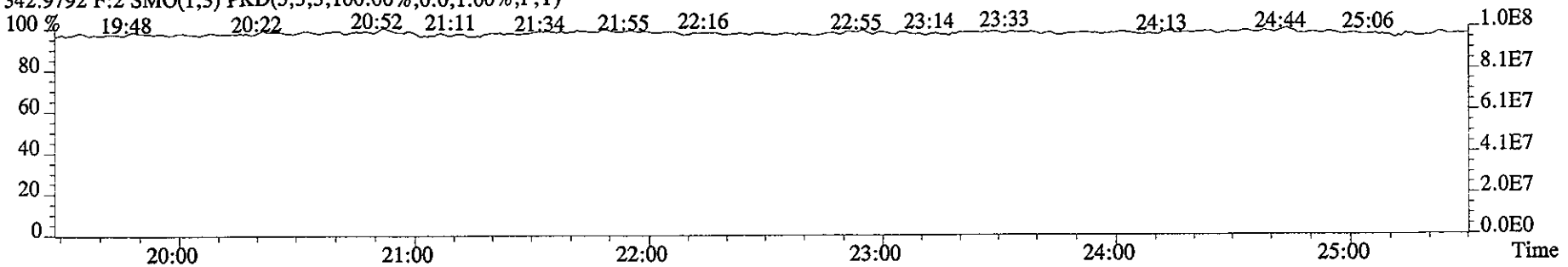
471.7750 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11020.0,1.00%,F,T)



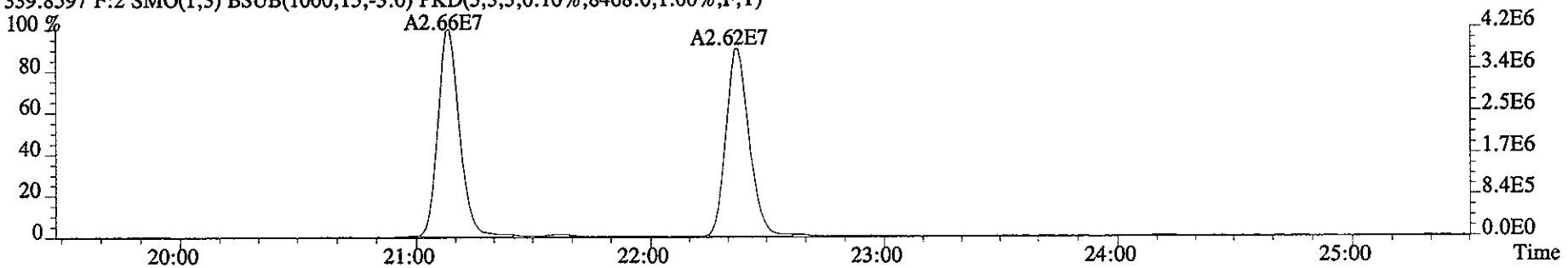
File:11JA061D5 #1-323 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN



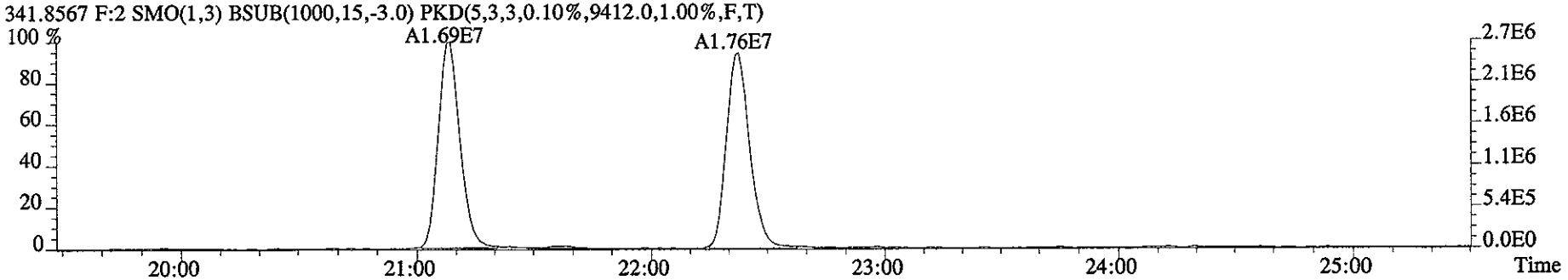
File:11JA061D5 #1-425 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
342.9792 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



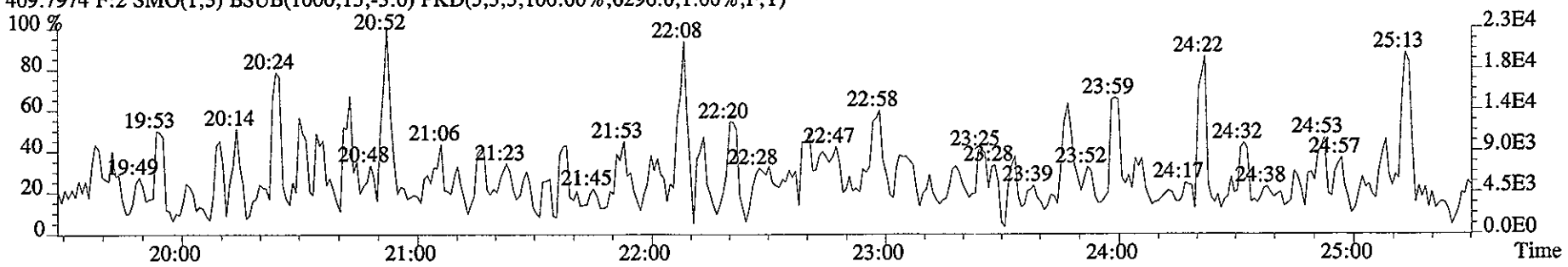
339.8597 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8468.0,1.00%,F,T)



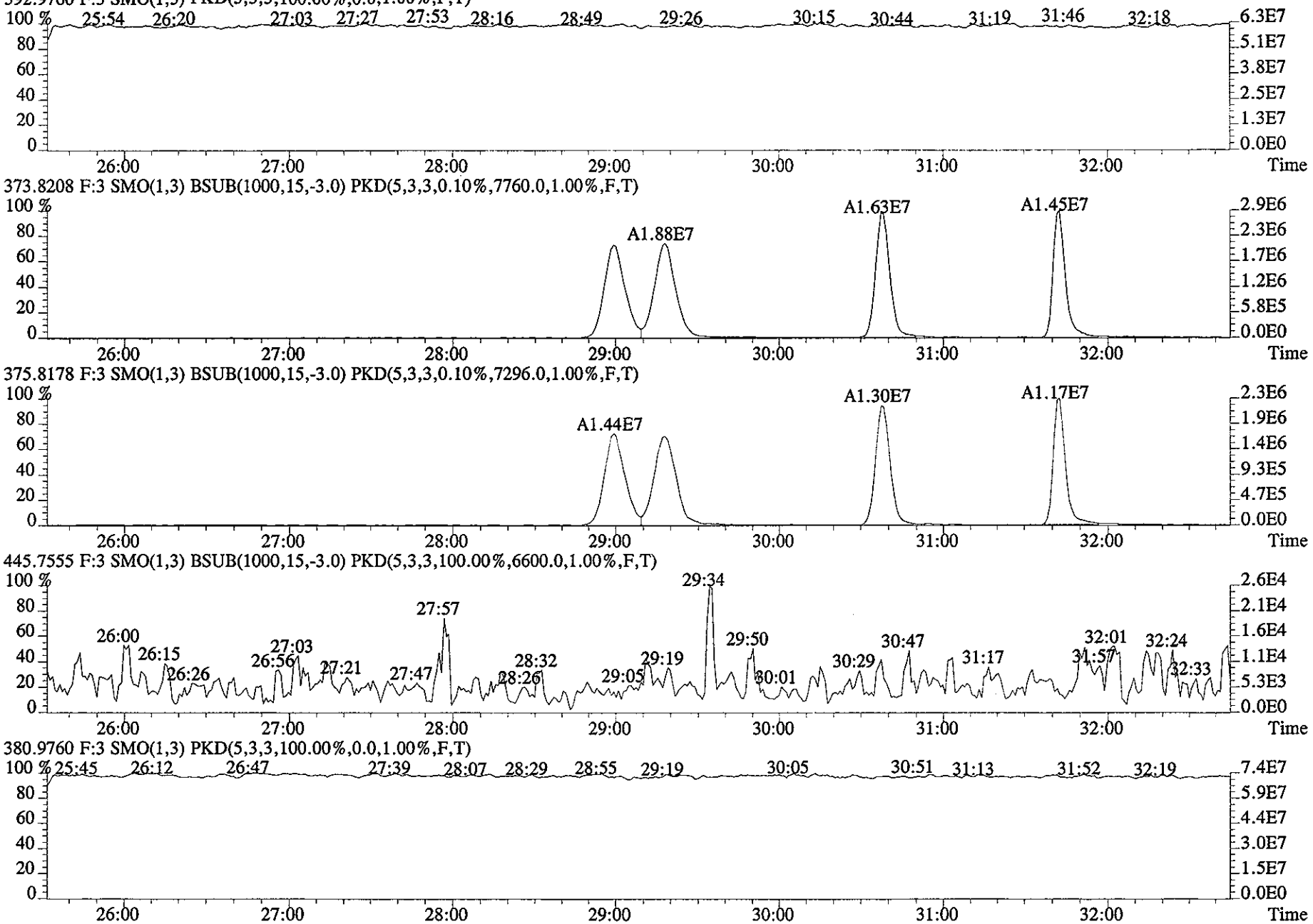
341.8567 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9412.0,1.00%,F,T)



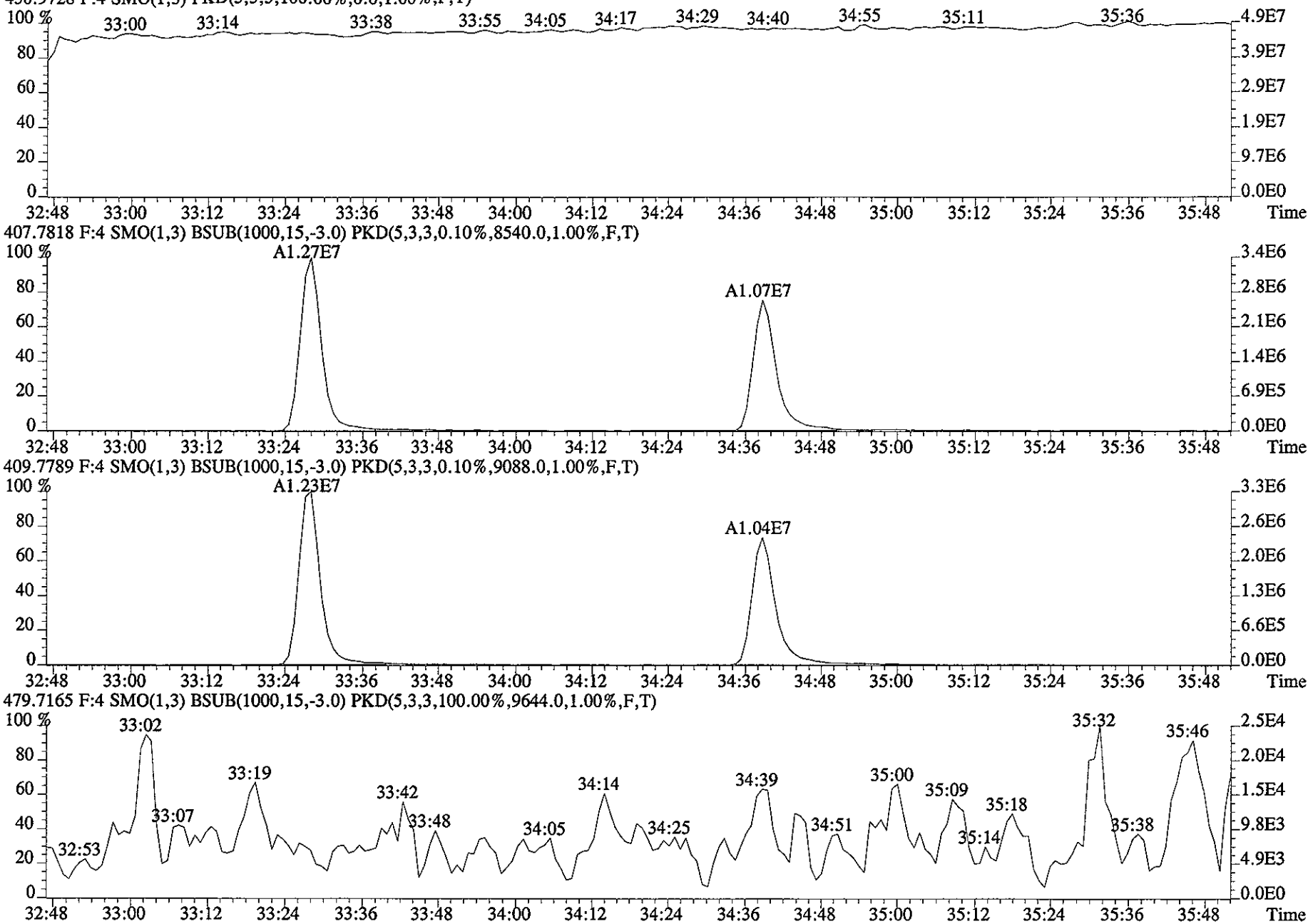
409.7974 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6296.0,1.00%,F,T)



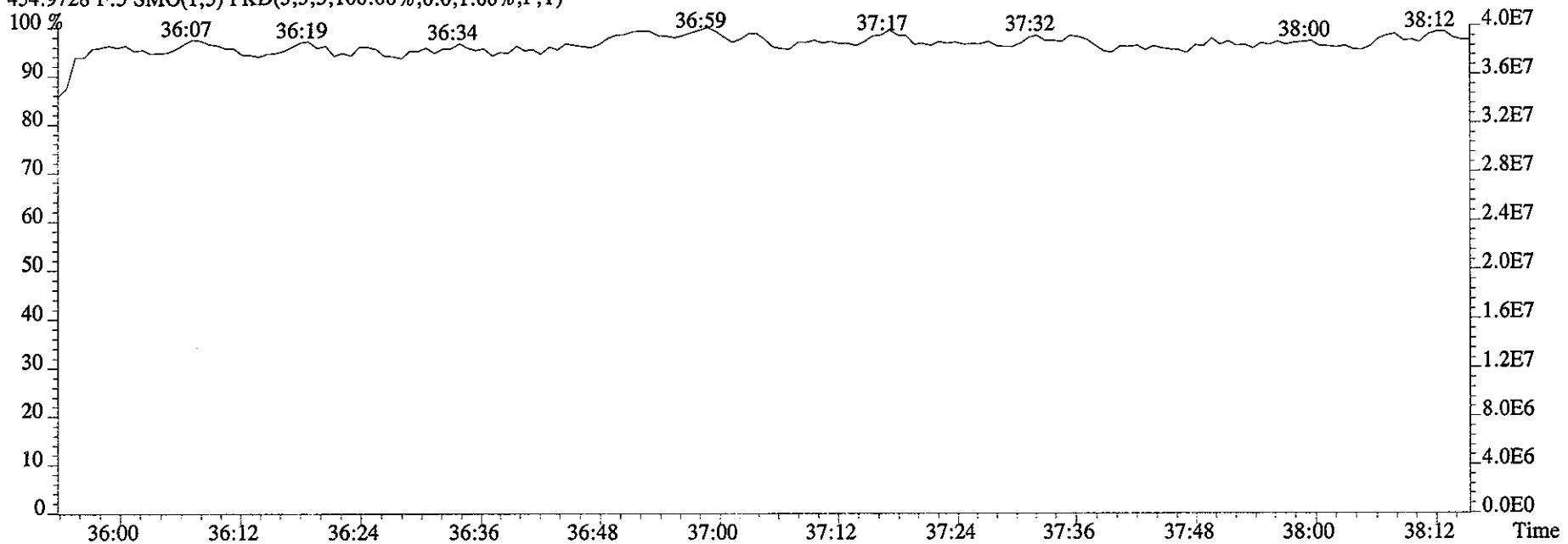
File:11JA061D5 #1-486 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN



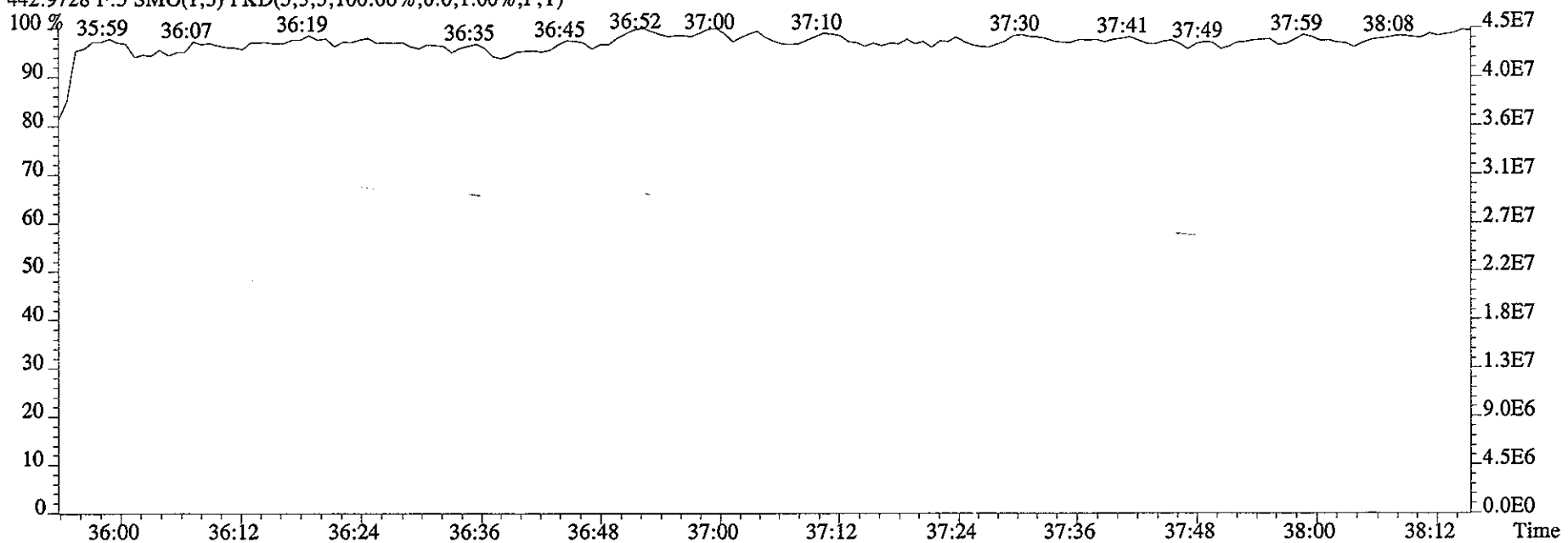
File:11JA061D5 #1-218 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN



File:11JA061D5 #1-171 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
454.9728 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



SEVERN TRENT **STL**

STL SACRAMENTO
Daily Standard Checklist
High Resolution Mass Spectrometry

Method ID 8290 **Associated ICAL** 8290122905805

Column ID DB5 **Instrument ID** 805

STD ID ST0109, ST0109A **STD Solution** 2565-41C

Analyzed by S.M.A **Date Analyzed** 1/9/06, 1/10/06

Std. Pkg. By M.G **Date Std. Pkg. Assembled** 1/10/06

Std. Pkg. Reviewed By JW **Date Std. Pkg. Reviewed** 01/10/06

DAILY STANDARD PACKAGE	INITIATED	REVIEWED
Standard, CPSM, and Solvent Blank present?	✓	✓
Copy of log-file and Beginning Static Resolution present?	✓	✓
CPSM blow up present?	✓	✓
Curve Summary present?	✓	✓
Summary of Method criteria present or documented below?	✓	✓
Daily standard within method specified limits?*	✓ (1)	✓
Analyte retention times correct?	✓	✓
Isotopic ratios within limits?	✓	✓
CPSM valley ≤ method specified limits?**	✓	✓
Are chromatographic windows correct?	✓	✓
Samples analyzed within 12 hrs of daily standard?	✓	✓
Manual reintegration's checked and hardcopies included?	NA	NA
Ending Standard and Ending Static Resolutions present?	✓	✓

COMMENTS: (1) 42.9 % dev. for 13C-1,2,3,4,7,8-HxCDF

NCM # 07-52694

* Method 8290: (beginning) +/- 20% from curve RRFs for native analytes, +/- 30% from curve RRFs for labeled compounds.
Method 8290: (ending) +/- 25% from curve RRFs for native analytes, +/- 35% from curve RRFs for labeled compounds.
Method 8290 (GB): +/- 30% from curve RRFs for native analytes.
Method 23: See Method 23 Daily Standard Criteria, Table 5.
Method 1613A/1613B: See Method 1613A, Method 1613B or Method 1613B Tetras Daily Standard Criteria,
PAH: +/- 30% from curve RRFs for native and labeled compounds.
PCB: +/- 30% or 40% (analyte dependent) from curve RRFs for native, +/- 50% from curve RRFs for labeled compounds.
NCASI 551: +/-20% from curve RRFs for native and labeled compounds.
DBD/DBF: +/-30% from curve RRFs for native analytes; +/- 40% from curve RRFs for labeled compounds.

** Method 23 CPSM Criteria: 25% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and the closest eluters normalized at the smallest peak height of the three peaks (with the 2378 peak being the middle peak).
551/1613A/1613B/8290 CPSM Criteria: 25% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and its closest eluters normalized to the 2378 peak.
GB CPSM Criteria: 30% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and its closest eluters normalized to the 2378 peak.

QA-231 TSJ 04/02

Run text: ST0109 File text: ST0109 :CS3 2565-41C
Run #6 Filename 09JA068D5 S: 1 I: 1
Acquired: 9-JAN-06 15:22:10 Processed: 10-JAN-06 08:11:09
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D58290

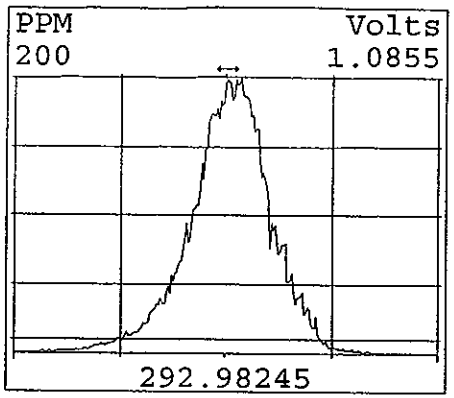
Name	Resp	RA		RT	RRF	Amount	Dev'n	Mod?
13C-1,2,3,4-TCDD	64985500	0.84	y	17:19	-	100.00	-	n
13C-2,3,7,8-TCDF	97300900	0.79	y	16:49	1.50	100.00	-3.7	n
2,3,7,8-TCDF	9486380	0.81	y	16:49	0.97	10.00	-2.5	n
Total TCDF	9645512	0.62	n	16:28	0.97	10.00	-2.5	n
13C-2,3,7,8-TCDD	59783200	0.80	y	17:30	0.92	100.00	-0.2	n
2,3,7,8-TCDD	7654180	0.79	y	17:32	1.28	10.00	0.0	n
Total TCDD	7654180	0.79	y	17:32	1.28	10.00	0.0	n
37Cl-2,3,7,8-TCDD	15773980	1.00	y	17:32	2.43	10.00	0.4	n
13C-1,2,3,7,8-PeCDF	92749200	1.60	y	21:41	1.43	100.00	6.5	n
1,2,3,7,8-PeCDF	43354100	1.57	y	21:43	0.93	50.00	-1.7	n
2,3,4,7,8-PeCDF	44320000	1.57	y	23:01	0.96	50.00	-4.2	n
Total F2 PeCDF	88810710	1.37	y	20:25	0.95	100.00	-3.0	n
Total F1 PeCDF	*	*	n	NotFnd	0.95	100.00	-3.0	n
13C-1,2,3,7,8-PeCDD	62139500	1.59	y	23:41	0.96	100.00	8.1	n
1,2,3,7,8-PeCDD	30825700	1.56	y	23:43	0.99	50.00	-2.7	n
Total PeCDD	30880332	1.21	n	22:18	0.99	50.00	-2.7	n
13C-1,2,3,7,8,9-HxCDD	63741900	1.26	y	31:52	-	100.00	-	n
13C-1,2,3,4,7,8-HxCDF	88937400	0.53	y	29:52	1.40	100.00	24.9	n
1,2,3,4,7,8-HxCDF	45506400	1.26	y	29:54	1.02	50.00	-5.7	n
1,2,3,6,7,8-HxCDF	47080800	1.26	y	30:08	1.06	50.00	-11.9	n
2,3,4,6,7,8-HxCDF	44865800	1.25	y	31:09	1.01	50.00	-7.7	n
1,2,3,7,8,9-HxCDF	42882800	1.26	y	32:06	0.96	50.00	-7.6	n
Total HxCDF	180335800	1.26	y	29:54	1.01	200.00	-8.3	n
13C-1,2,3,6,7,8-HxCDD	62825300	1.21	y	31:29	0.99	100.00	2.9	n
1,2,3,4,7,8-HxCDD	30127000	1.27	y	31:23	0.96	50.00	9.9	n
1,2,3,6,7,8-HxCDD	32135400	1.27	y	31:30	1.02	50.00	5.9	n
1,2,3,7,8,9-HxCDD	33934300	1.29	y	31:53	1.08	50.00	8.1	n
Total HxCDD	96196700	1.27	y	31:23	1.02	150.00	7.9	n
13C-1,2,3,4,6,7,8-HpCDF	68581300	0.43	y	33:43	1.08	100.00	14.6	n
1,2,3,4,6,7,8-HpCDF	43320200	1.03	y	33:44	1.26	50.00	-3.4	n
1,2,3,4,7,8,9-HpCDF	37957400	1.04	y	34:57	1.11	50.00	-4.5	n
Total HpCDF	81652936	1.03	y	33:44	1.19	100.00	-3.9	n
13C-1,2,3,4,6,7,8-HpCDD	64493600	1.06	y	34:36	1.01	100.00	16.4	n
1,2,3,4,6,7,8-HpCDD	31003300	1.04	y	34:37	0.96	50.00	1.8	n
Total HpCDD	31208131	1.07	y	34:00	0.96	50.00	1.8	n
13C-OCDD	102051400	0.89	y	37:12	0.80	200.00	8.1	n
OCDF	67203600	0.91	y	37:19	1.32	100.00	9.0	n
OCDD	52871700	0.89	y	37:13	1.04	100.00	6.1	n

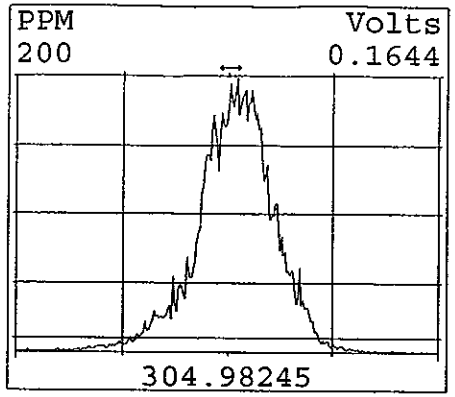
Run text: ST0109A File text: ST0109A :CS3 2565-41C
Run #13 Filename 09JA068D5 S: 19 I: 1
Acquired: 10-JAN-06 04:00:10 Processed: 10-JAN-06 08:11:16
Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5 Results: 09JA068D58290

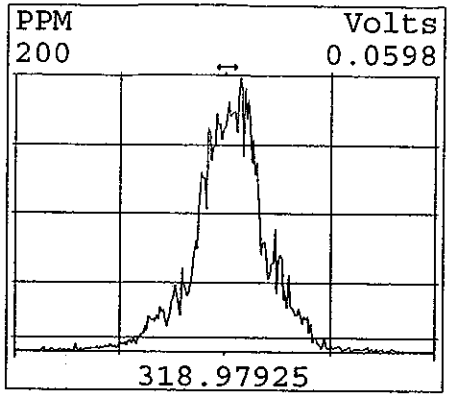
Name	Resp	RA	RT	RRF	Amount	Dev'n	Mod?
13C-1,2,3,4-TCDD	54199200	0.83 y	17:20	-	100.00	-	n
13C-2,3,7,8-TCDF	92375400	0.79 y	16:49	1.70	100.00	9.6	n
2,3,7,8-TCDF	8089630	0.75 y	16:50	0.88	10.00	-12.4	n
Total TCDF	8206375	0.68 y	16:29	0.88	10.00	-12.4	n
13C-2,3,7,8-TCDD	49850000	0.80 y	17:31	0.92	100.00	-0.3	n
2,3,7,8-TCDD	6838670	0.79 y	17:32	1.37	10.00	7.2	n
Total TCDD	6838670	0.79 y	17:32	1.37	10.00	7.2	n
37Cl-2,3,7,8-TCDD	13353520	1.00 y	17:32	2.46	10.00	1.9	n
13C-1,2,3,7,8-PeCDF	73884800	1.56 y	21:41	1.36	100.00	1.7	n
1,2,3,7,8-PeCDF	42348600	1.60 y	21:42	1.15	50.00	20.5	n
2,3,4,7,8-PeCDF	43976600	1.58 y	23:00	1.19	50.00	19.3	n
Total F2 PeCDF	87298515	1.40 y	20:24	1.17	100.00	19.9	n
Total F1 PeCDF	*	* n	NotFnd	1.17	100.00	19.9	n
13C-1,2,3,7,8-PeCDD	36414200	1.56 y	23:41	0.67	100.00	-24.0	n
1,2,3,7,8-PeCDD	22269490	1.65 y	23:43	1.22	50.00	20.0	n
Total PeCDD	22345587	2.00 n	21:43	1.22	50.00	20.0	n
13C-1,2,3,7,8,9-HxCDD	44736300	1.30 y	31:52	-	100.00	-	n
13C-1,2,3,4,7,8-HxCDF	71420400	0.54 y	29:52	1.60	100.00	42.9	n
1,2,3.4,7,8-HxCDF	40475700	1.27 y	29:53	1.13	50.00	4.5	n
1,2,3,6,7,8-HxCDF	42025100	1.27 y	30:08	1.18	50.00	-2.1	n
2,3,4,6,7,8-HxCDF	37928900	1.29 y	31:09	1.06	50.00	-2.8	n
1,2,3,7,8,9-HxCDF	36886800	1.26 y	32:05	1.03	50.00	-1.0	n
Total HxCDF	157316500	1.27 y	29:53	1.10	200.00	-0.4	n
13C-1,2,3,6,7,8-HxCDD	43417100	1.28 y	31:29	0.97	100.00	1.3	n
1,2,3,4,7,8-HxCDD	21224180	1.26 y	31:22	0.98	50.00	12.0	n
1,2,3,6,7,8-HxCDD	22793400	1.27 y	31:29	1.05	50.00	8.7	n
1,2,3,7,8,9-HxCDD	23604600	1.26 y	31:53	1.09	50.00	8.8	n
Total HxCDD	67622180	1.26 y	31:22	1.04	150.00	9.7	n
13C-1,2,3,4,6,7,8-HpCDF	53134400	0.47 y	33:43	1.19	100.00	26.5	n
1,2,3,4,6,7,8-HpCDF	33708400	1.02 y	33:44	1.27	50.00	-3.0	n
1,2,3,4,7,8,9-HpCDF	32217600	1.03 y	34:57	1.21	50.00	4.6	n
Total HpCDF	66209205	1.02 y	33:44	1.24	100.00	0.6	n
13C-1,2,3,4,6,7,8-HpCDD	48962400	1.05 y	34:37	1.09	100.00	26.0	n
1,2,3,4,6,7,8-HpCDD	24013800	1.04 y	34:38	0.98	50.00	3.9	n
Total HpCDD	24110007	1.24 n	34:00	0.98	50.00	3.9	n
13C-OCDD	79158300	0.90 y	37:13	0.88	200.00	19.5	n
OCDF	49409600	0.91 y	37:20	1.25	100.00	3.3	n
OCDD	40400300	0.91 y	37:14	1.02	100.00	4.6	n

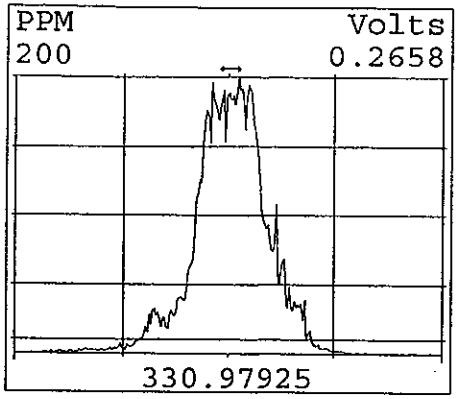
Data file	Smp	Work Order	Sample ID	FV-uL	Method/Matrix	Box	Size	U
09JA068D5	1	ST0109	CS3 2565-41C				1.000	
09JA068D5	2	CP0109	DB-5 CPSM 2565-47				1.000	
09JA068D5	3	SB0109	Solvent Blank C-14				1.000	
09JA068D5	4	HT6XH-1-AA	G6A050000-463B	20	1613B/8290	26	10.000	g
09JA068D5	5	HT6XH-1-AC	G6A050000-463C	20	1613B/8290		10.000	g
09JA068D5	6	HTTPJ-1-AC	G5L270154-1	20	1613B/SOLID		10.000	g
09JA068D5	7	HTTP4-1-AC	G5L270154-2	20	1613B/SOLID		10.000	g
09JA068D5	8	HTTP7-1-AC	G5L270154-3	20	1613B/SOLID		10.000	g
09JA068D5	9	HTTQC-1-AC	G5L270154-4	20	1613B/SOLID		10.000	g
09JA068D5	10	HT1V2-1-AC	G5L300272-1	20	8290/SOLID	26	10.000	g
09JA068D5	11	HT1V9-1-AC	G5L300272-2	20	8290/SOLID		10.000	g
09JA068D5	12	HT1WF-1-AC	G5L300272-3	20	8290/SOLID		10.000	g
09JA068D5	13	HT1WH-1-AC	G5L300272-4	20	8290/SOLID		10.000	g
09JA068D5	14	HR4CT-1-AC	G5L140236-2 (10X)	20	1613B/SOLID		10.000	g
09JA068D5	15	HR4CE-1-AC	G5L140236-1 (20X)	20	1613B/SOLID		10.000	g
09JA068D5	16	HR4CE-1-AD	G5L140236-1X (20X)	20	1613B/SOLID		10.000	g
09JA068D5	17	SB0109A	Solvent Blank C-14				1.000	
09JA068D5	18	CP0109A	DB-5 CPSM 2565-47				1.000	
09JA068D5	19	ST0109A	CS3 2565-41C				1.000	
09JA068D5	20	SB0109B	Solvent Blank C-14				1.000	
09JA068D5	21	HT1WK-1-AC	G5L300272-5	20	8290/SOLID	26	10.000	g
09JA068D5	22	HT1WL-1-AC	G5L300272-6	20	8290/SOLID		10.000	g
09JA068D5	23	HT1WP-1-AC	G5L300272-8	20	8290/SOLID		10.000	g
09JA068D5	24	HT1WR-1-AC	G5L300272-9	20	8290/SOLID		10.000	g
09JA068D5	25	HT1WT-1-AC	G5L300272-10	20	8290/SOLID		10.000	g
09JA068D5	26	HT1WW-1-AC	G5L300272-11	20	8290/SOLID		10.000	g
09JA068D5	27	HT1W1-1-AC	G5L300272-14	20	8290/SOLID		10.000	g
09JA068D5	28	HT1W3-1-AC	G5L300272-15	20	8290/SOLID		10.000	g
09JA068D5	29	SB0109B	Solvent Blank C-14				1.000	
09JA068D5	30	ST0109A	CS3 2565-41C				1.000	
09JA068D5	31						1.000	
09JA068D5	32						1.000	
09JA068D5	33						1.000	
09JA068D5	34		SMA 01/09/06				1.000	

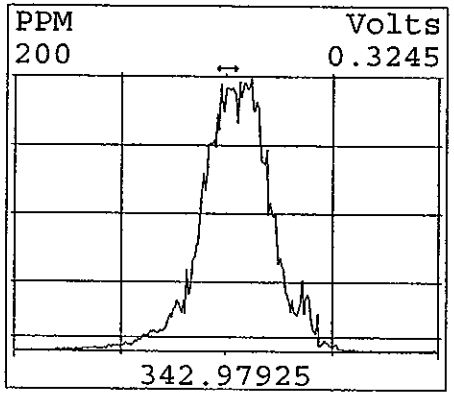
Peak Locate Examination: 9-JAN-2006:15:18 File:09JA068D5
Experiment:DIOXIN Function:1 Reference:PFK

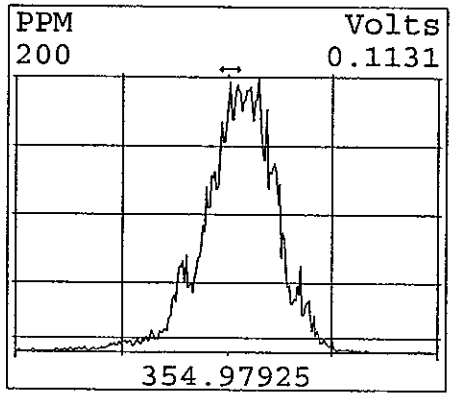


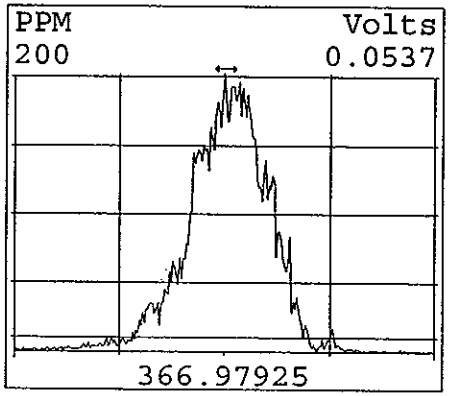


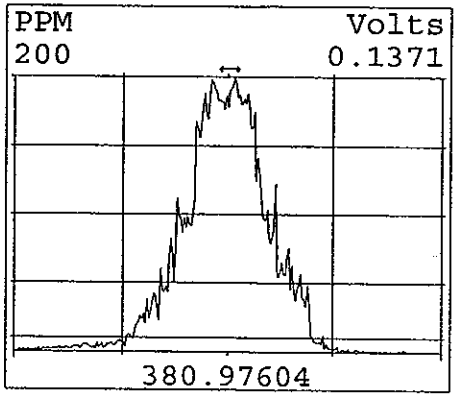


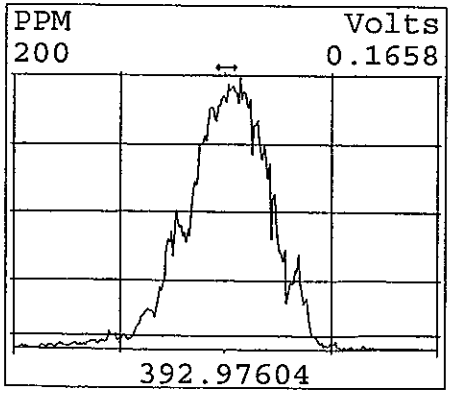


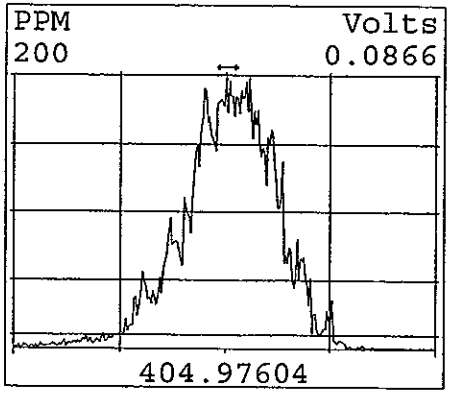


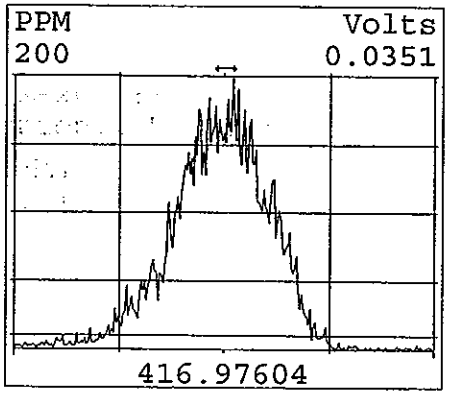




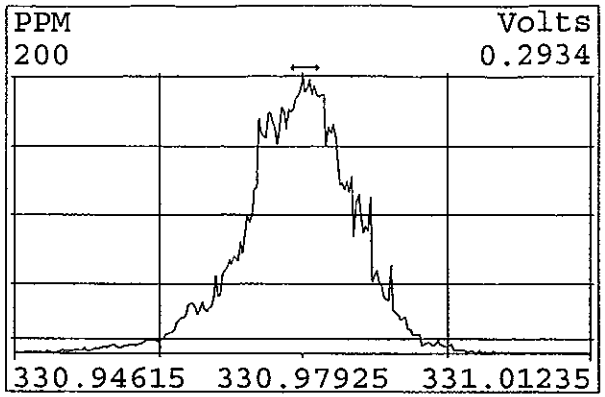


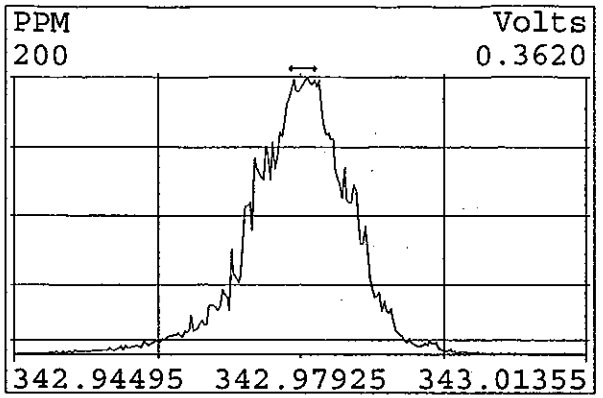


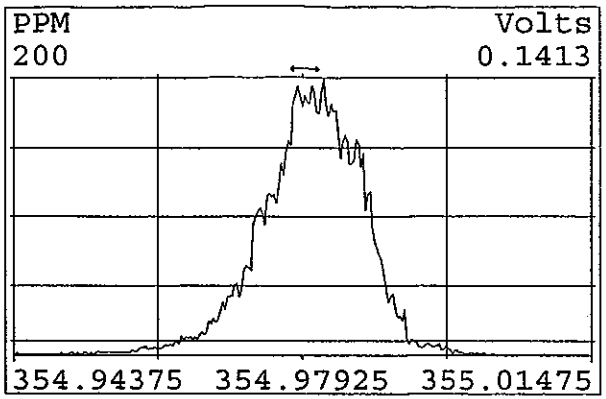


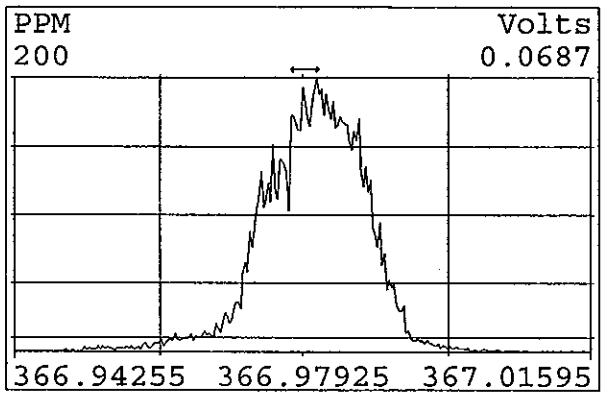


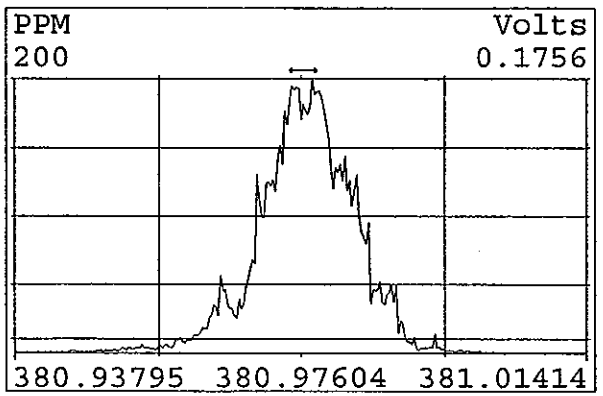
Peak Locate Examination: 9-JAN-2006:15:19 File:09JA068D5
Experiment:DIOXIN Function:2 Reference:PFK

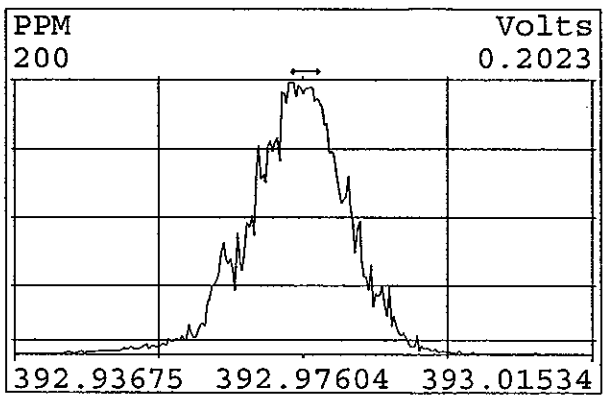


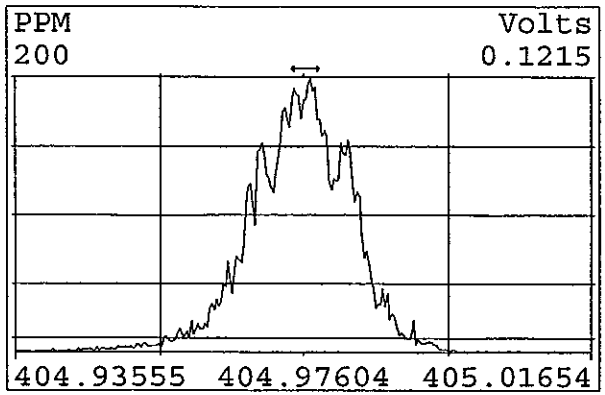


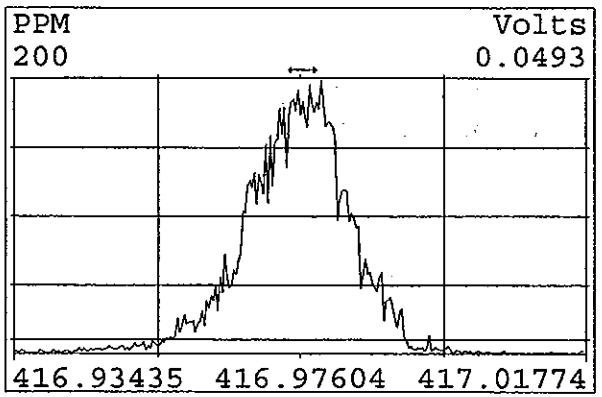




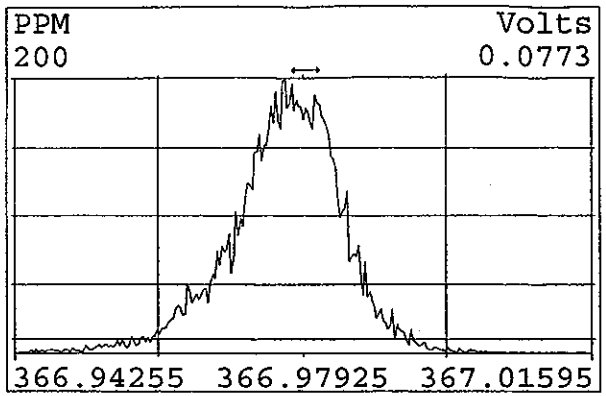


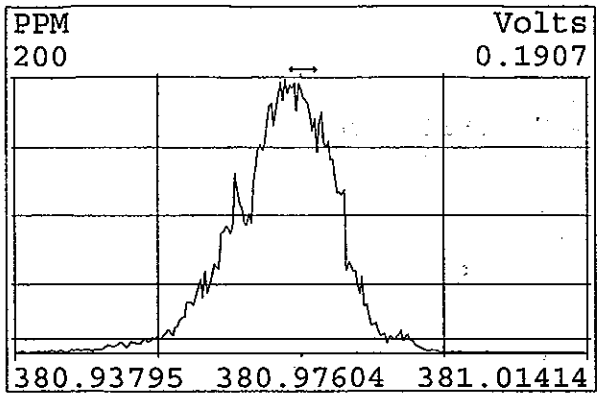


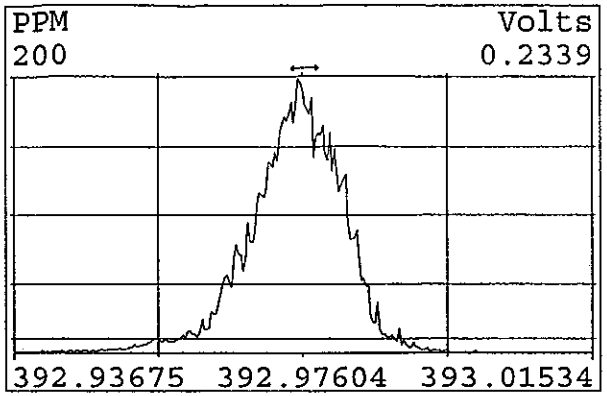


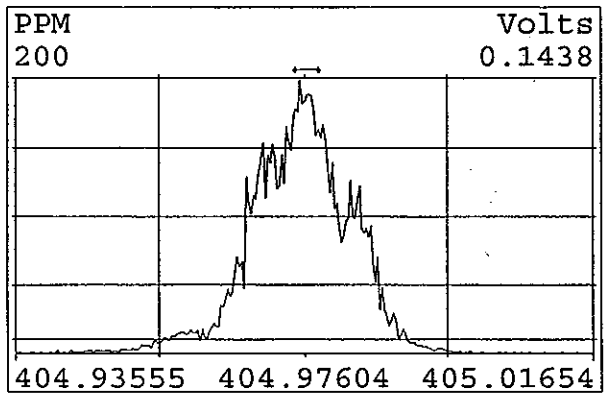


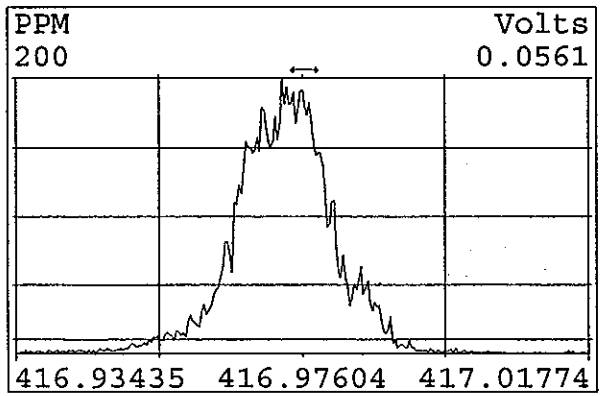
Peak Locate Examination: 9-JAN-2006:15:20 File:09JA068D5
Experiment:DIOXIN Function:3 Reference:PFK

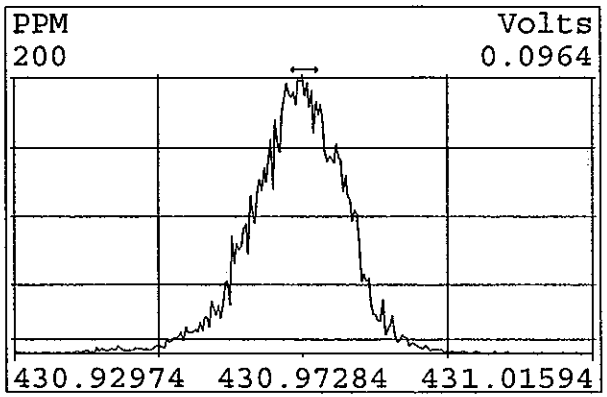


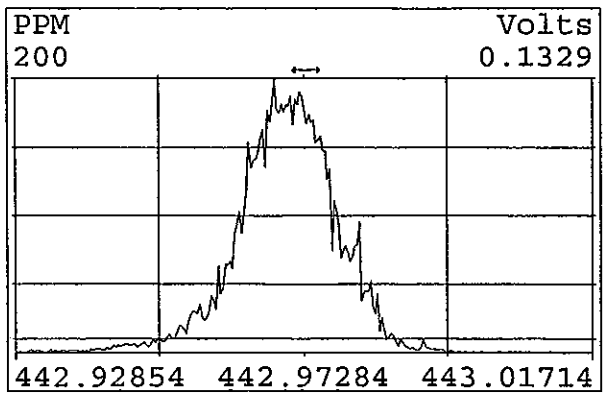


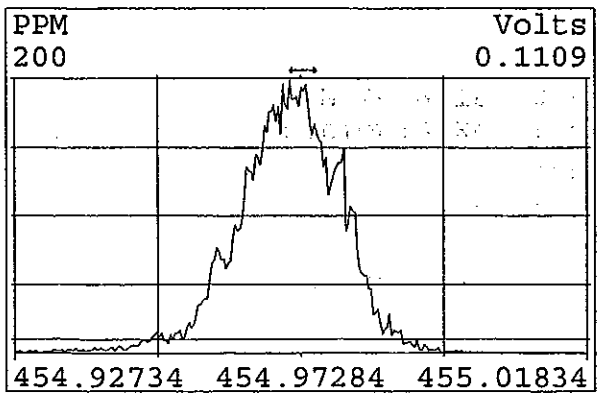




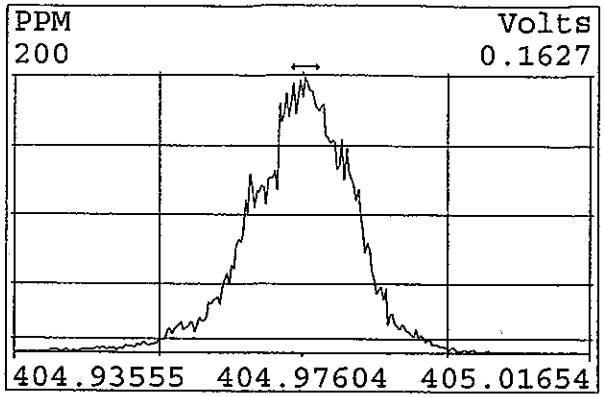


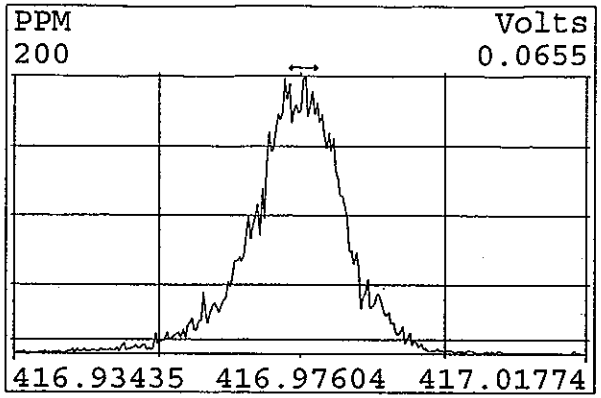


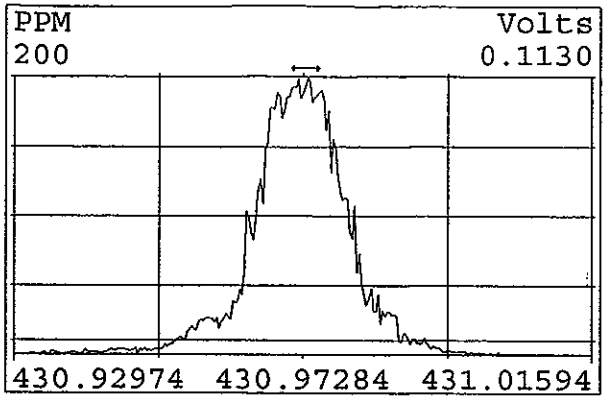


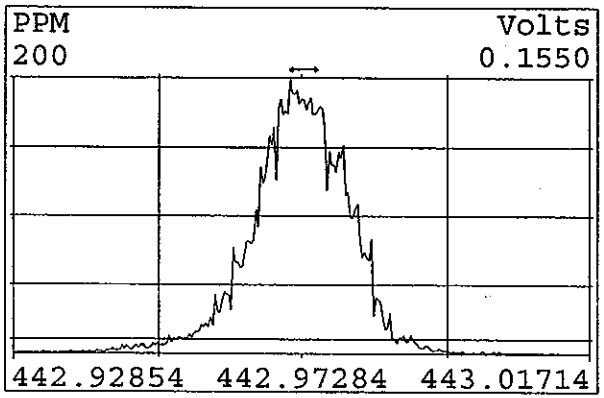


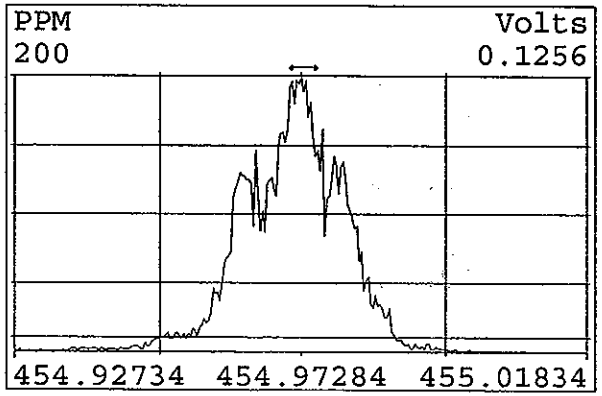
Peak Locate Examination: 9-JAN-2006:15:20 File:09JA068D5
Experiment:DIOXIN Function:4 Reference:PFK

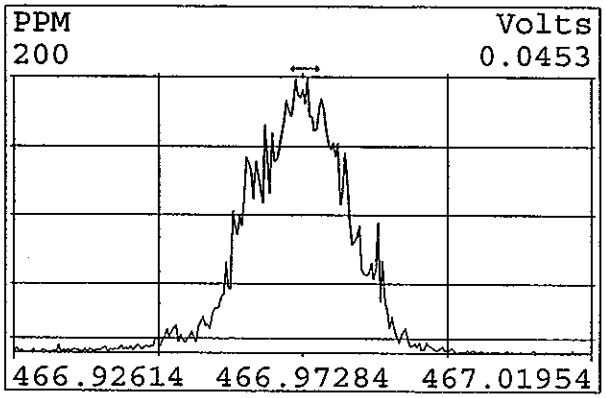


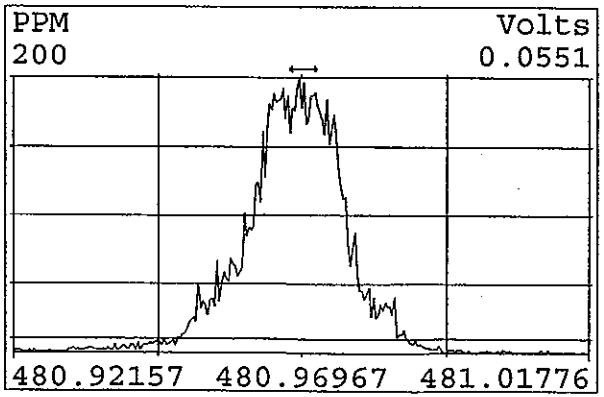




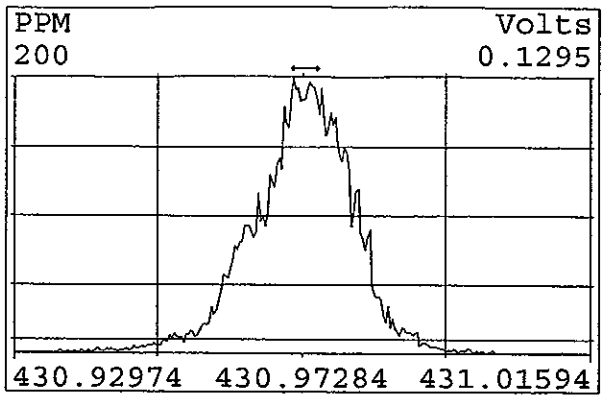


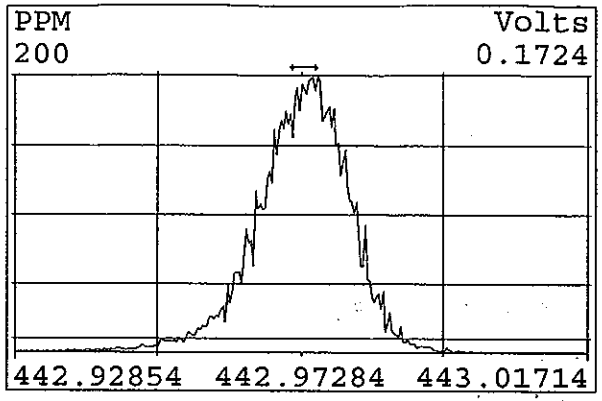


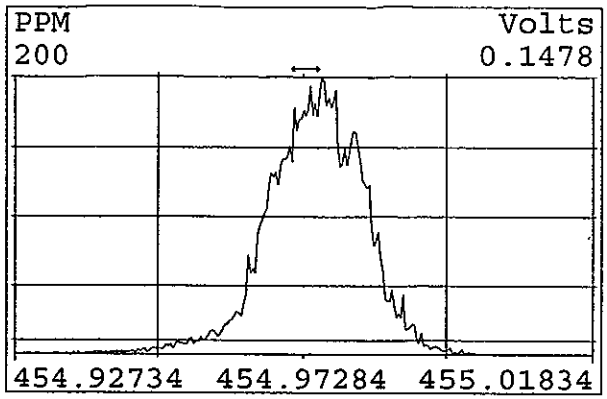


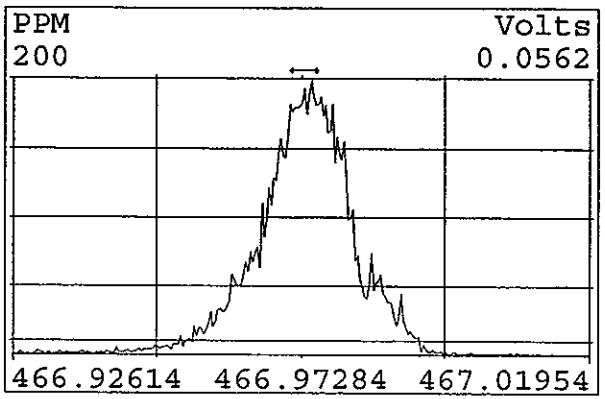


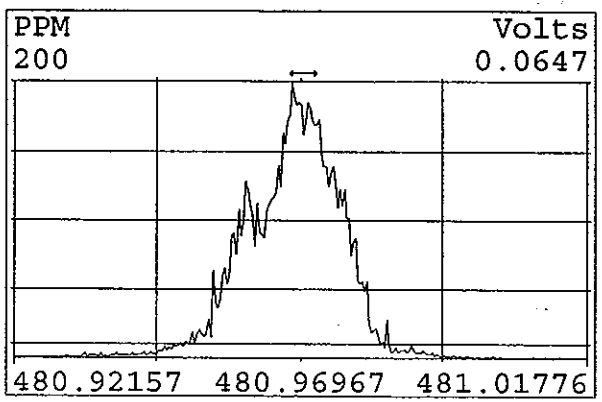
Peak Locate Examination: 9-JAN-2006:15:21 File:09JA068D5
Experiment:DIOXIN Function:5 Reference:PFK

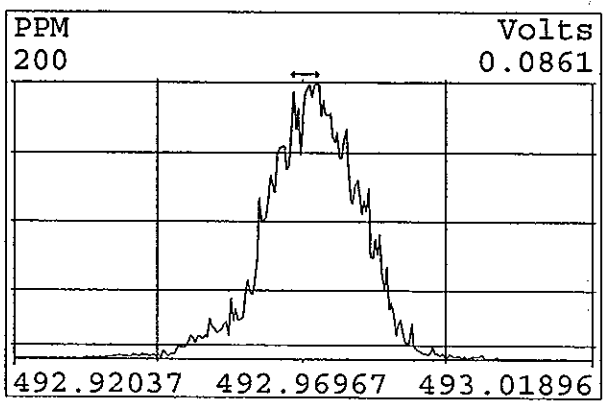


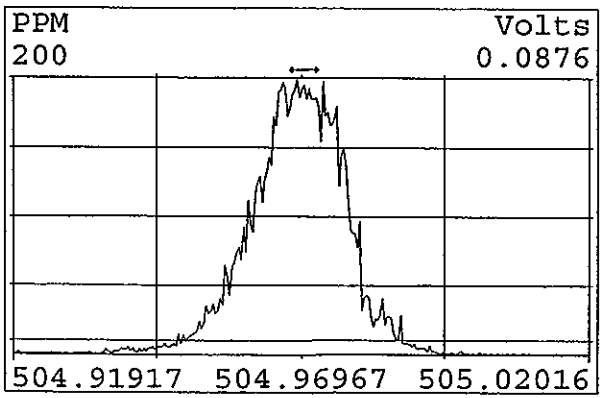


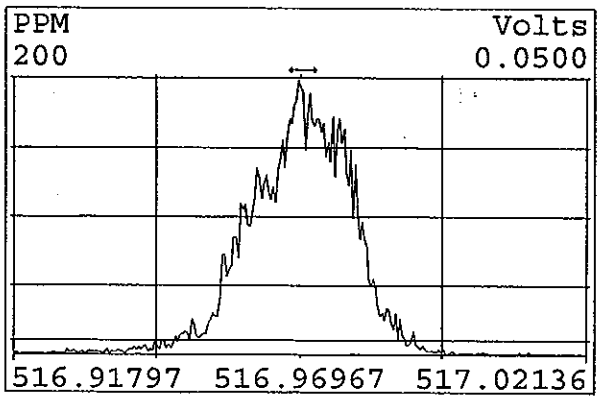




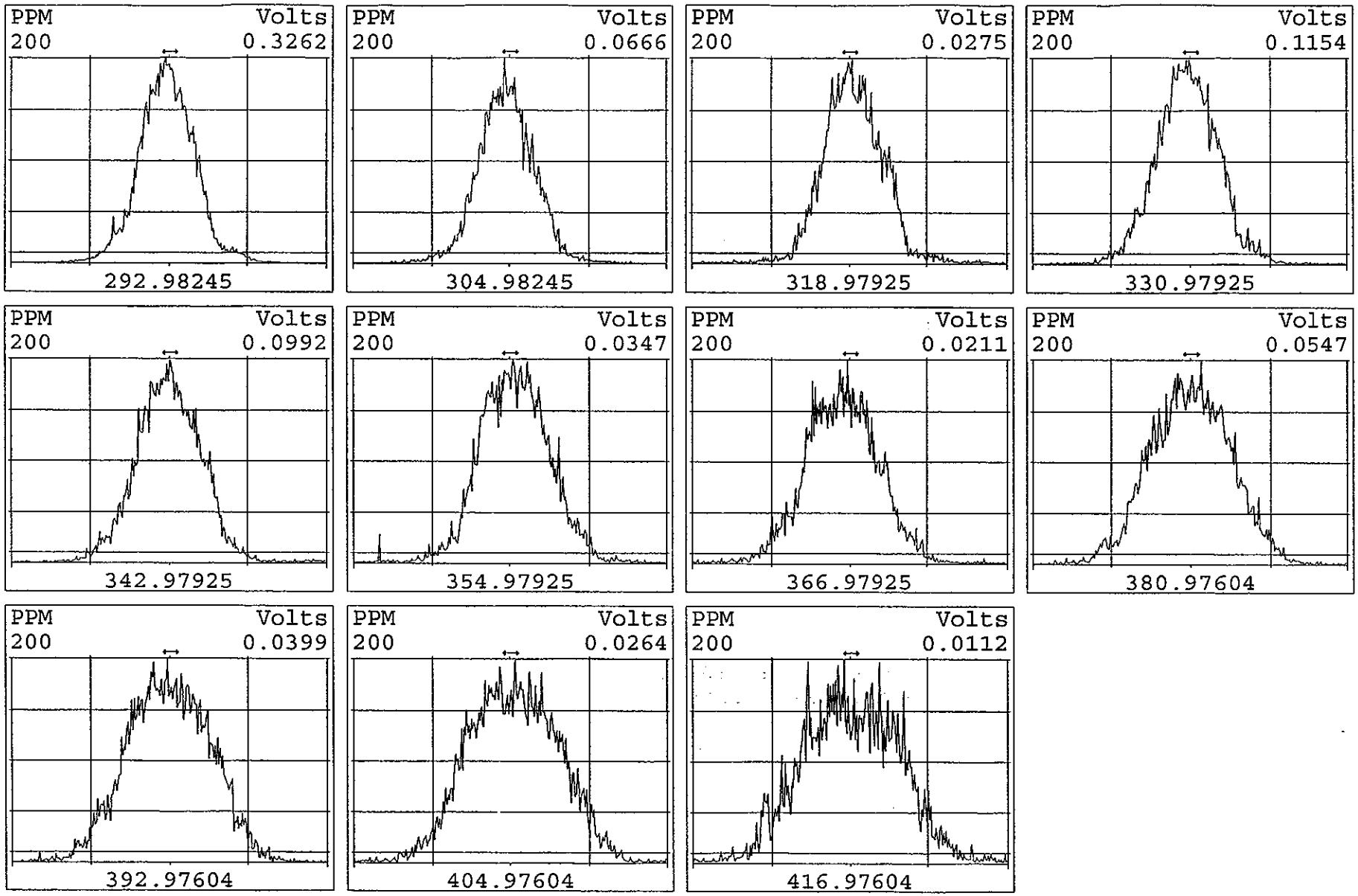




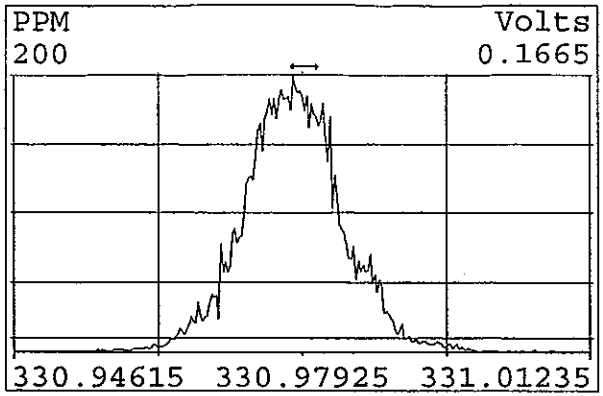


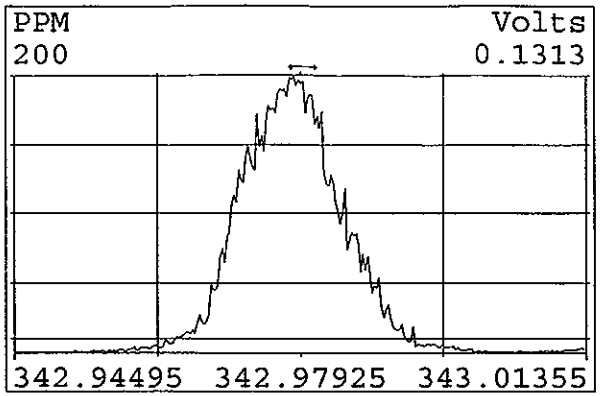


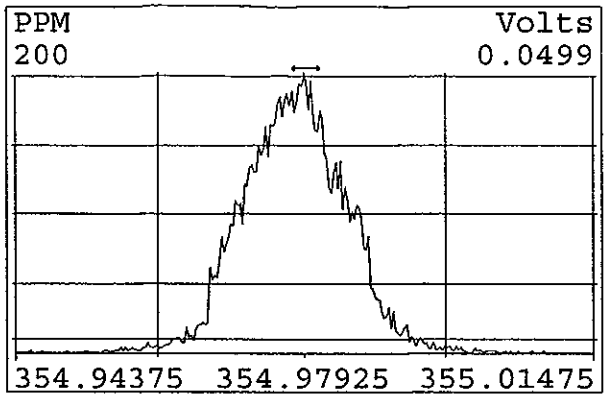
Peak Locate Examination:10-JAN-2006:09:01 File:ENDRESCHK09JA068D5
Experiment:DIOXIN Function:1 Reference:PFK

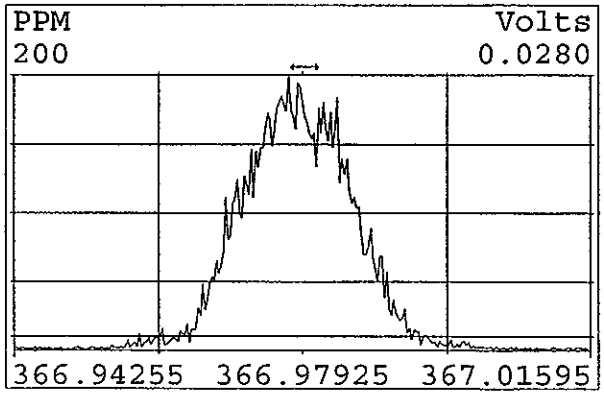


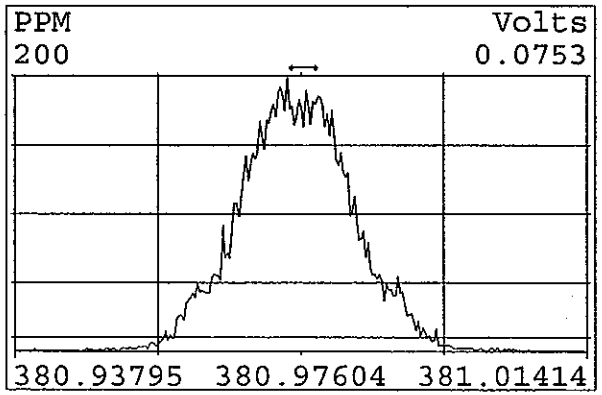
Peak Locate Examination:10-JAN-2006:09:01 File:ENDRESCHK09JA068D5
Experiment:DIOXIN Function:2 Reference:PFK

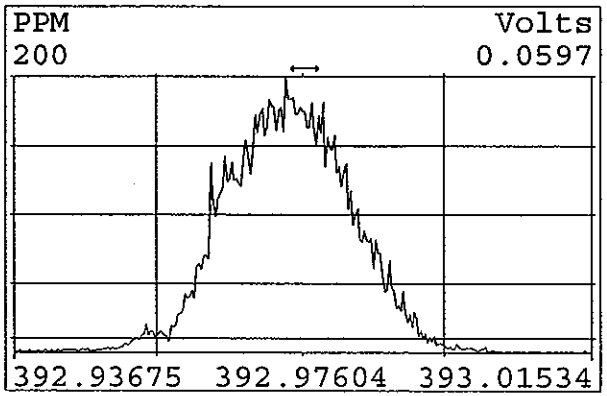


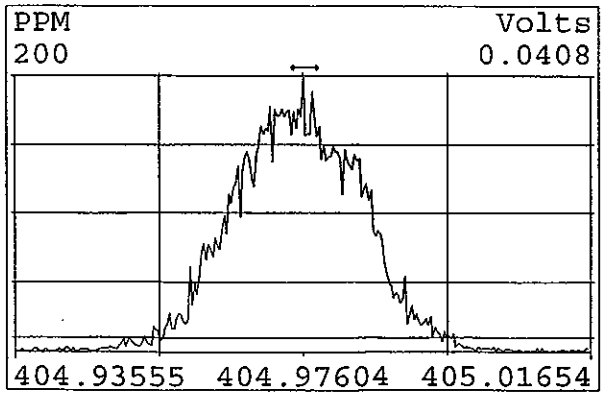


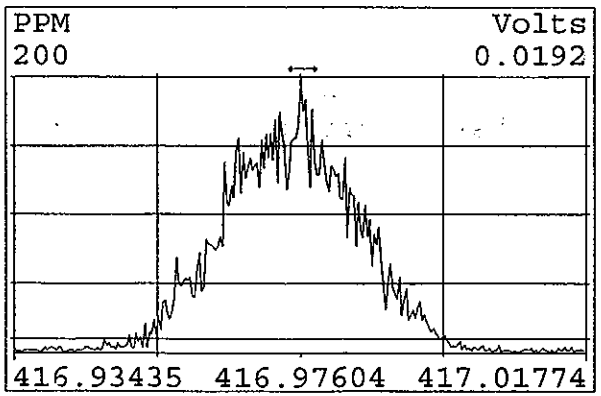




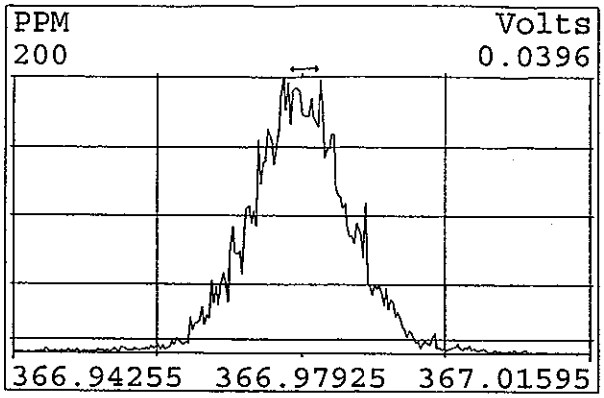


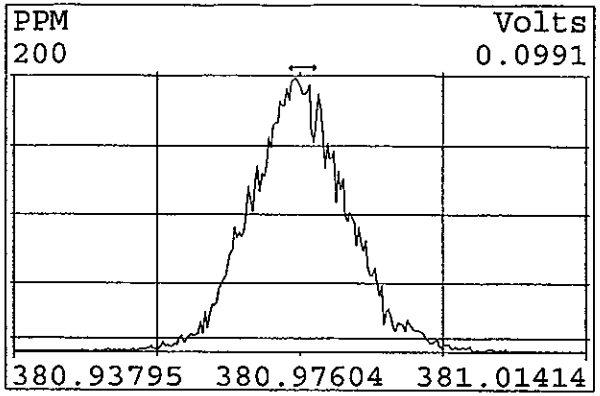


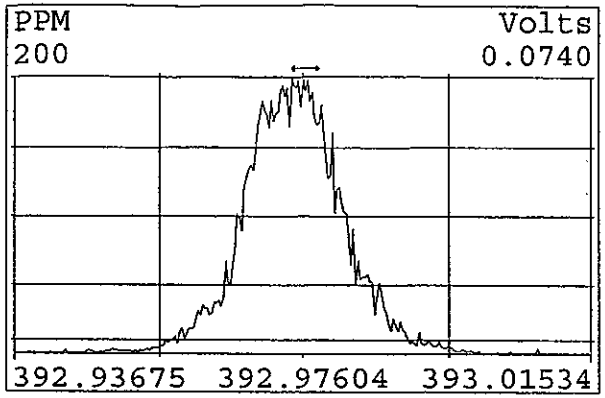


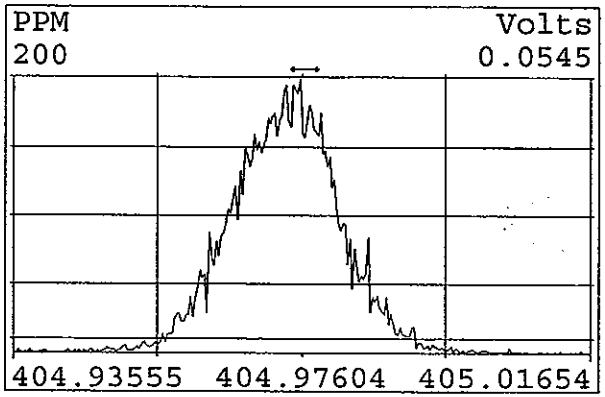


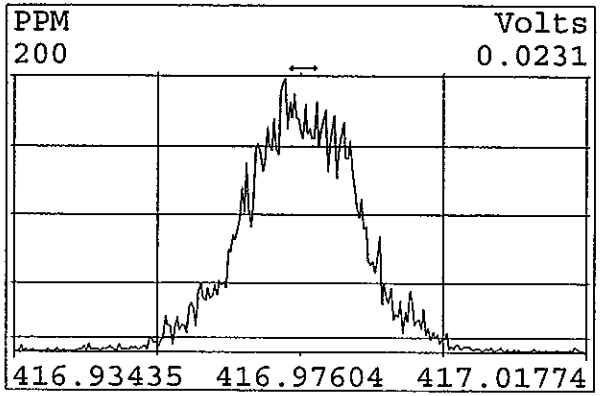
Peak Locate Examination:10-JAN-2006:09:02 File:ENDRESCHK09JA068D5
Experiment:DIOXIN Function:3 Reference:PFK

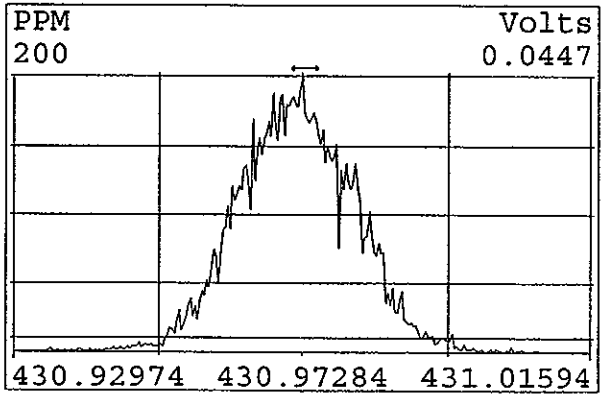


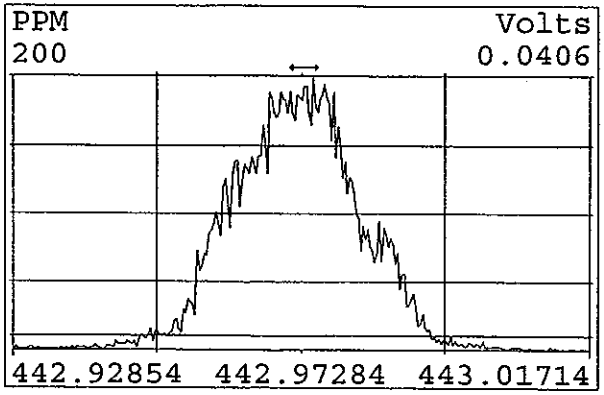


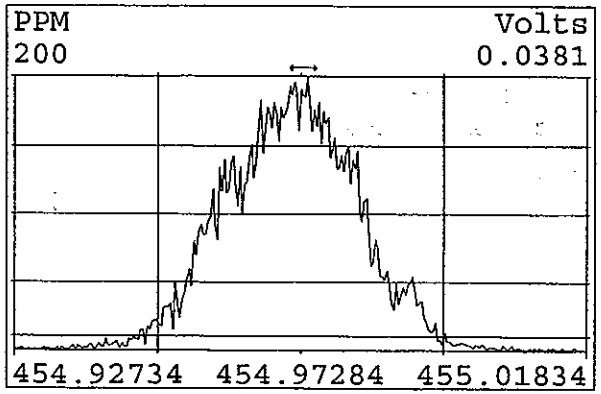




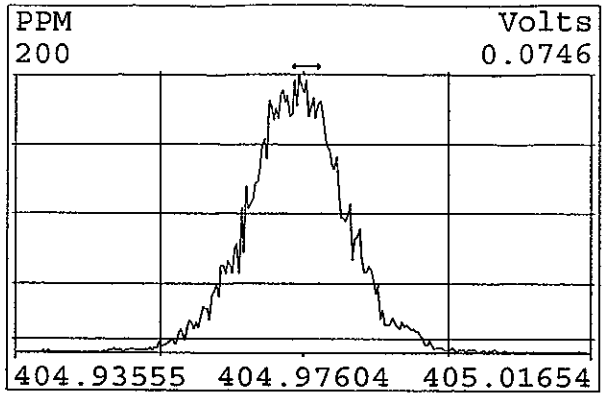


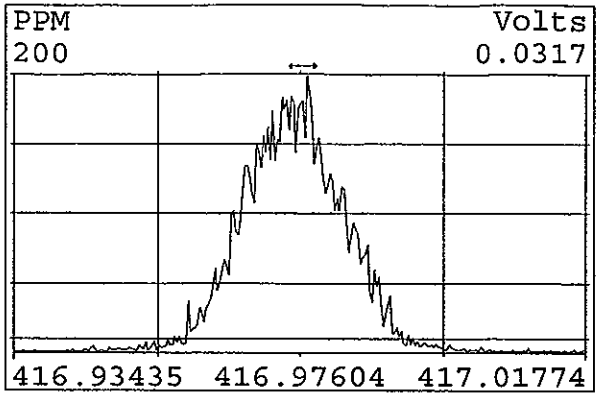


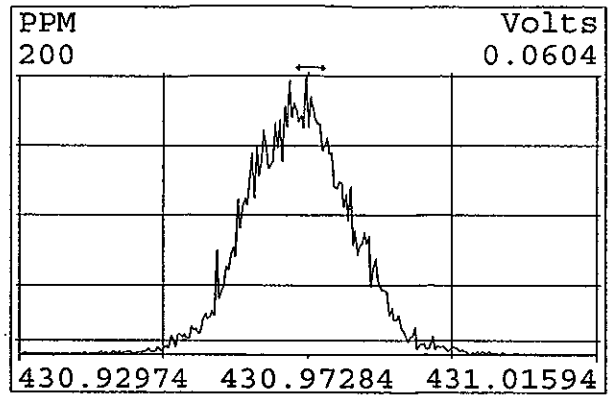


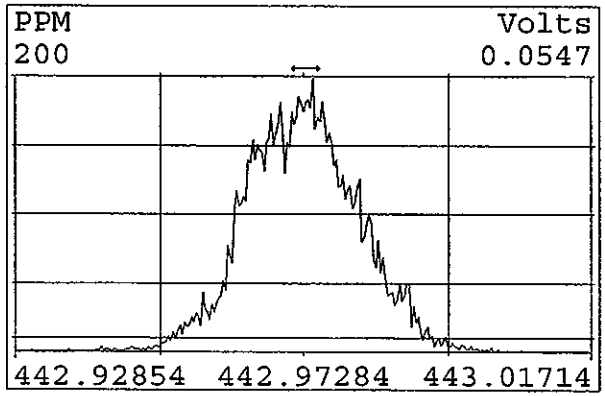


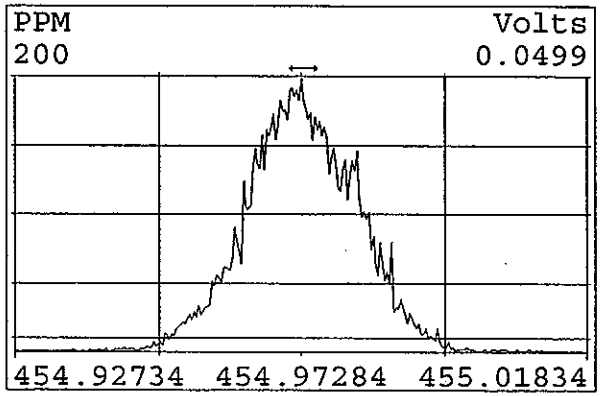
Peak Locate Examination:10-JAN-2006:09:02 File:ENDRESCHK09JA068D5
Experiment:DIOXIN Function:4 Reference:PFK

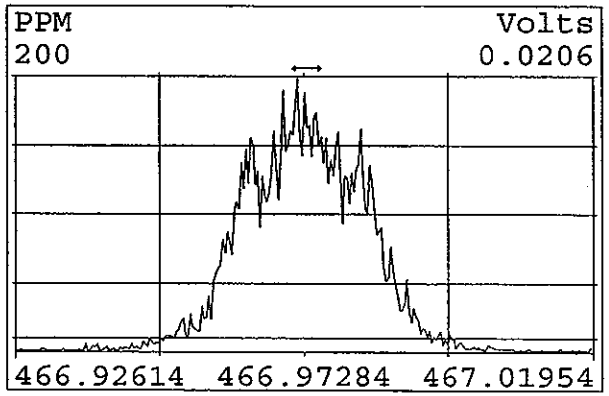


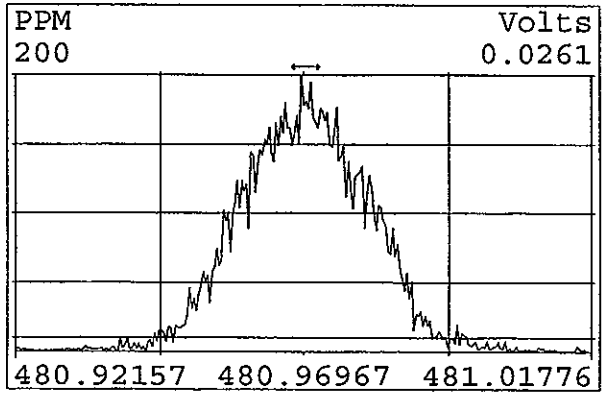




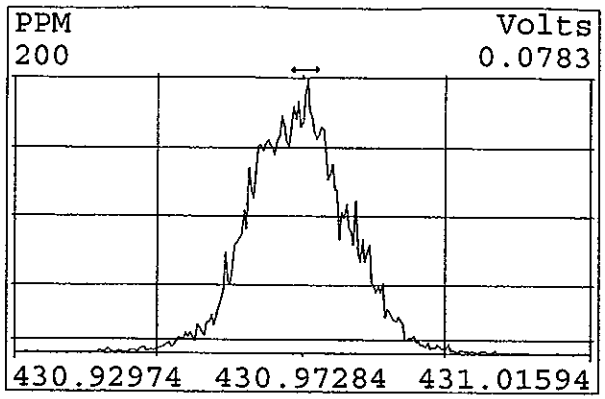


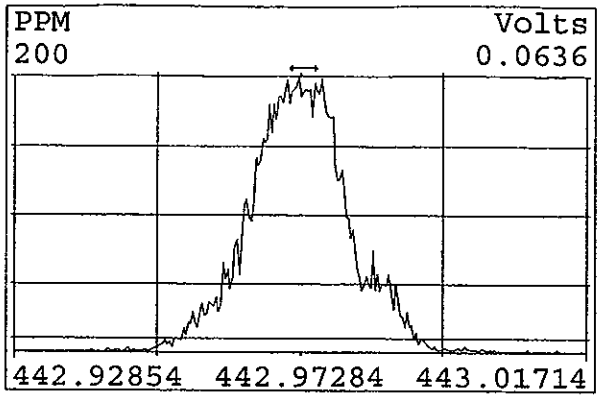


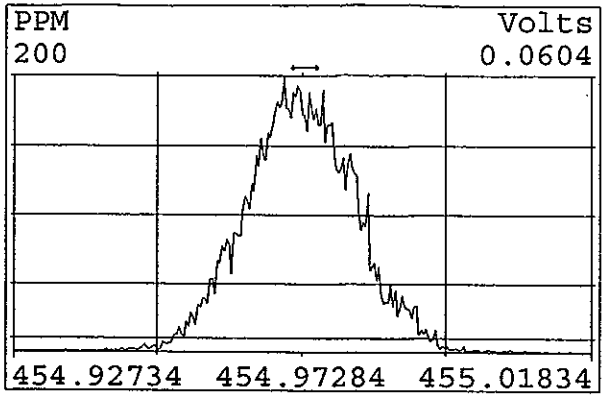


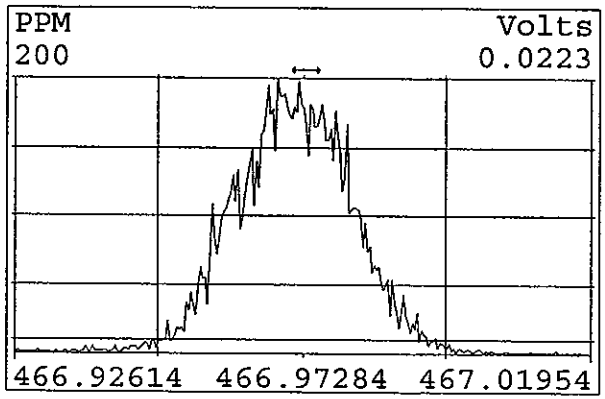


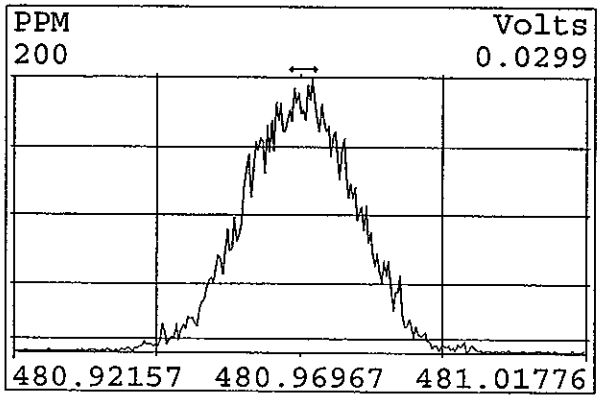
Peak Locate Examination:10-JAN-2006:09:03 File:ENDRESCHK09JA068D5
Experiment:DIOXIN Function:5 Reference:PFK

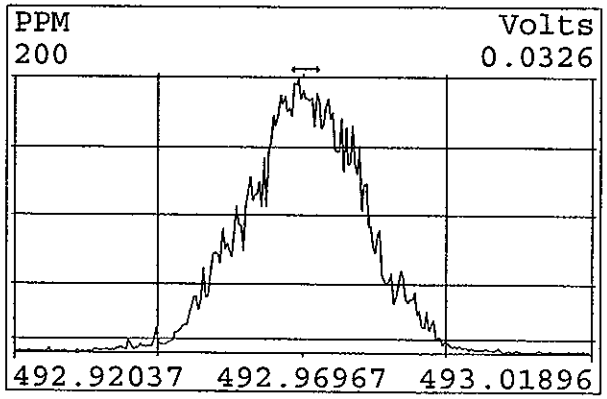


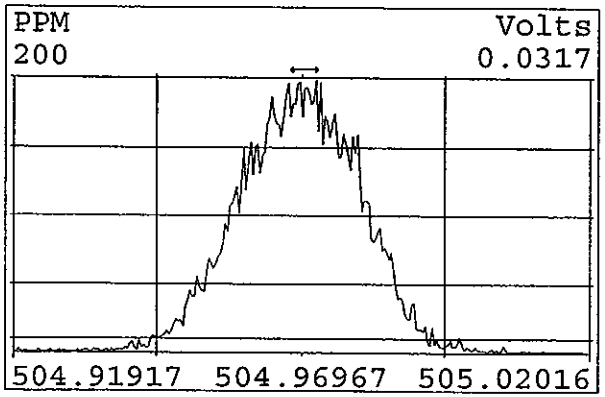


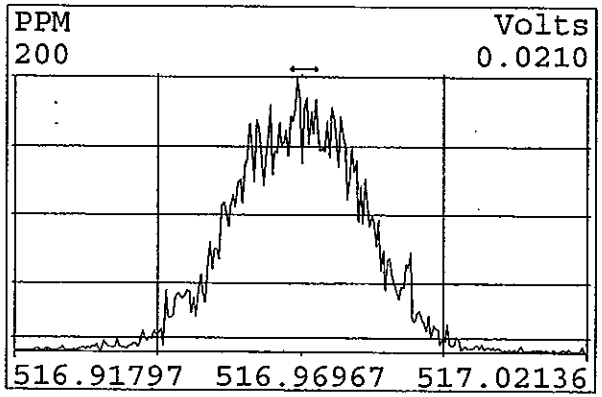




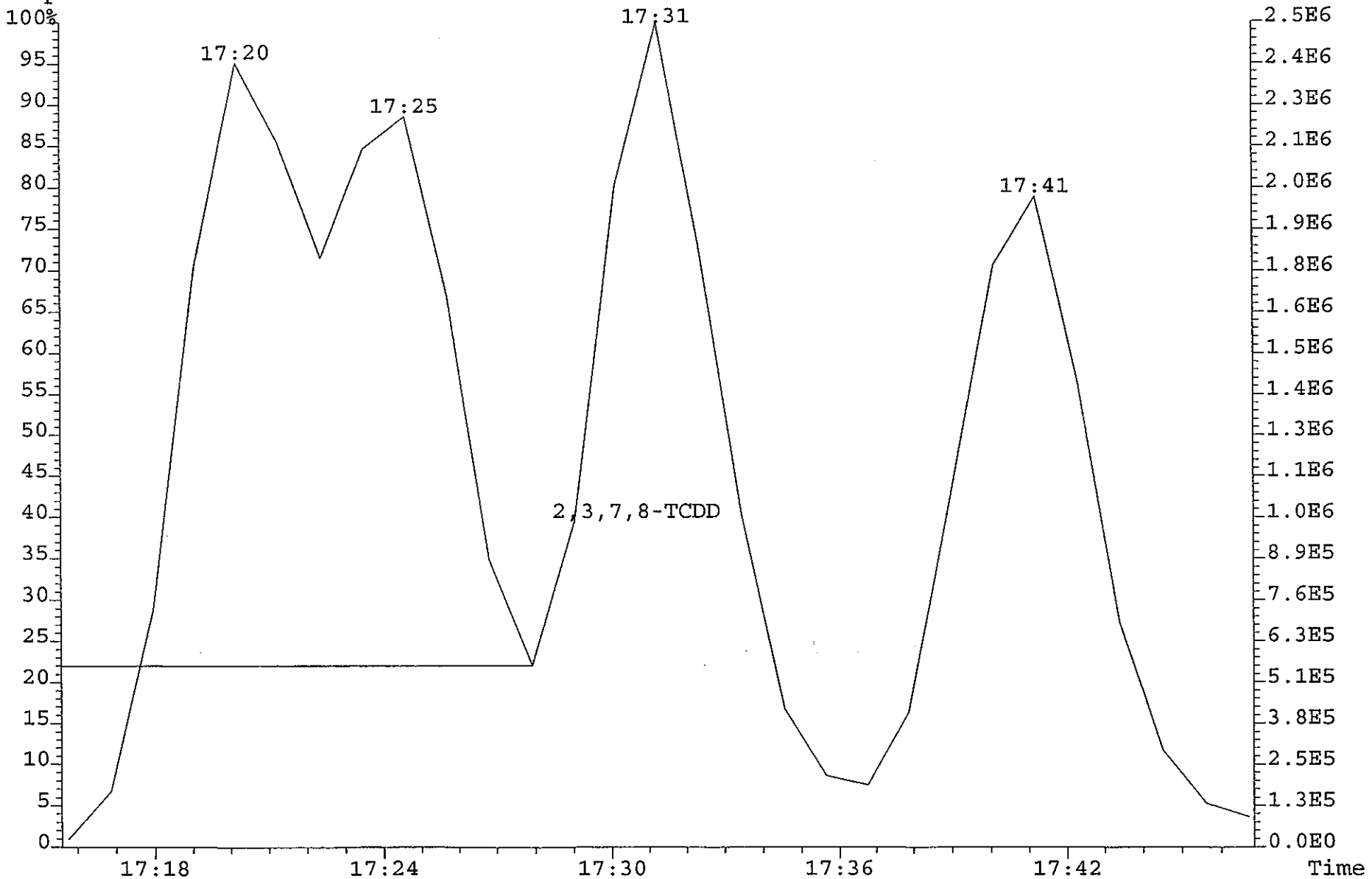








File:09JA068D5 #1-326 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
321.8936 S:2 BSUB(128,15,-3.0) Exp:DIOXIN Noise:440
Sample Text:CP0109 :DB-5 CPSM 2565-47



Run: 09JA068D5 Analyte: 8290 Cal: 82901229058D5

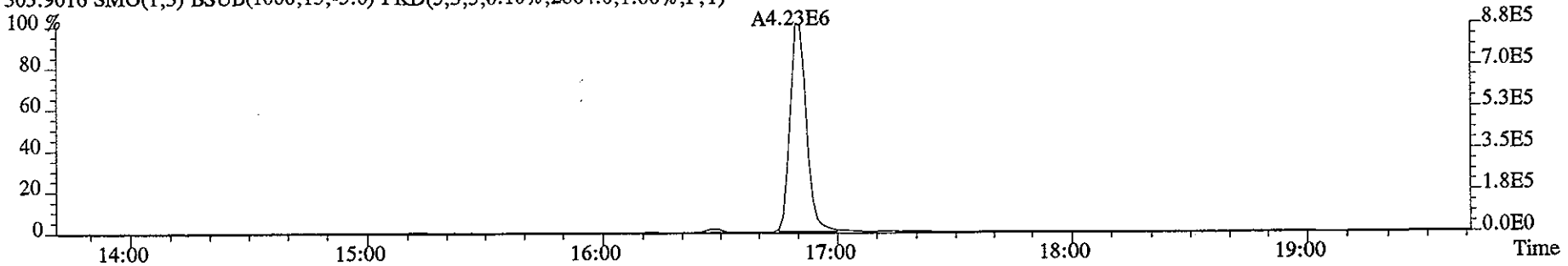
ST1229 :CS1 2565-41A ST1229A :CS2 2565-41B ST1229B :CS3 2565-41C
ST1229C :CS4 2565-41D ST1229D :CS5 2565-41E

Name	Mean	S. D.	%RSD	29DE058D5 S1 RRF1	29DE058D5 S2 RRF2	29DE058D5 S3 RRF3	29DE058D5 S4 RRF4	29DE058D5 S5 RRF5
13C-1,2,3,4-TCDD	-	-	- %	-	-	-	-	-
13C-2,3,7,8-TCDF	1.555	0.026	1.69 %	1.59	1.54	1.55	1.52	1.57
2,3,7,8-TCDF	1.000	0.058	5.83 %	1.10	0.97	0.96	0.98	0.99
Total TCDF	1.000	0.058	5.83 %	1.10	0.97	0.96	0.98	0.99
13C-2,3,7,8-TCDD	0.922	0.012	1.32 %	0.91	0.92	0.94	0.91	0.93
2,3,7,8-TCDD	1.280	0.059	4.58 %	1.38	1.25	1.25	1.24	1.27
Total TCDD	1.280	0.059	4.58 %	1.38	1.25	1.25	1.24	1.27
37Cl-2,3,7,8-TCDD	2.419	0.132	5.47 %	2.63	2.35	2.40	2.28	2.43
13C-1,2,3,7,8-PeCDF	1.340	0.038	2.85 %	1.31	1.30	1.40	1.33	1.35
1,2,3,7,8-PeCDF	0.951	0.046	4.79 %	1.03	0.94	0.92	0.93	0.93
2,3,4,7,8-PeCDF	0.998	0.021	2.08 %	1.01	1.00	0.96	1.00	1.02
Total F2 PeCDF	0.974	0.029	2.99 %	1.02	0.97	0.94	0.96	0.97
Total F1 PeCDF	0.974	0.029	2.99 %	1.02	0.97	0.94	0.96	0.97
13C-1,2,3,7,8-PeCDD	0.884	0.046	5.23 %	0.83	0.85	0.94	0.91	0.89
1,2,3,7,8-PeCDD	1.019	0.052	5.11 %	1.11	1.02	0.97	1.00	1.01
Total PeCDD	1.019	0.052	5.11 %	1.11	1.02	0.97	1.00	1.01
13C-1,2,3,7,8,9-HxCDD	-	-	- %	-	-	-	-	-
13C-1,2,3,4,7,8-HxCDF	1.117	0.079	7.08 %	1.01	1.07	1.20	1.12	1.19
1,2,3,4,7,8-HxCDF	1.085	0.050	4.57 %	1.16	1.09	1.04	1.09	1.05
1,2,3,6,7,8-HxCDF	1.202	0.081	6.72 %	1.33	1.24	1.15	1.17	1.12
2,3,4,6,7,8-HxCDF	1.093	0.085	7.75 %	1.24	1.08	1.04	1.08	1.02
1,2,3,7,8,9-HxCDF	1.044	0.093	8.87 %	1.20	1.05	0.99	1.02	0.96
Total HxCDF	1.106	0.076	6.87 %	1.23	1.11	1.06	1.09	1.04
13C-1,2,3,6,7,8-HxCDD	0.958	0.025	2.58 %	0.94	0.99	0.96	0.97	0.93
1,2,3,4,7,8-HxCDD	0.873	0.055	6.27 %	0.90	0.79	0.88	0.86	0.94

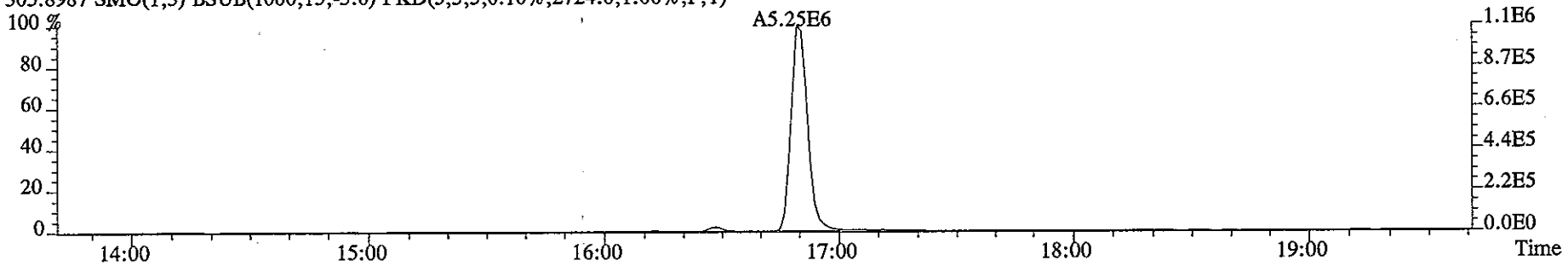
1,2,3,6,7,8-HxCDD	0.966	0.036	3.77 %	1.03	0.93	0.96	0.95	0.95
1,2,3,7,8,9-HxCDD	1.000	0.032	3.17 %	1.03	0.95	1.01	0.99	1.02
Total HxCDD	0.946	0.037	3.91 %	0.99	0.89	0.95	0.93	0.97
13C-1,2,3,4,6,7,8-HpCDF	0.939	0.038	4.07 %	0.95	0.94	0.98	0.94	0.88
1,2,3,4,6,7,8-HpCDF	1.308	0.032	2.43 %	1.36	1.30	1.30	1.28	1.29
1,2,3,4,7,8,9-HpCDF	1.159	0.030	2.57 %	1.20	1.14	1.17	1.16	1.12
Total HpCDF	1.234	0.028	2.30 %	1.28	1.22	1.24	1.22	1.21
13C-1,2,3,4,6,7,8-HpCDD	0.869	0.047	5.44 %	0.88	0.89	0.91	0.87	0.79
1,2,3,4,6,7,8-HpCDD	0.944	0.034	3.63 %	1.00	0.91	0.94	0.94	0.93
Total HpCDD	0.944	0.034	3.63 %	1.00	0.91	0.94	0.94	0.93
13C-OCDD	0.740	0.050	6.71 %	0.73	0.75	0.80	0.75	0.66
OCDF	1.208	0.015	1.21 %	1.21	1.19	1.19	1.22	1.23
OCDD	0.976	0.031	3.22 %	1.03	0.96	0.96	0.96	0.96

File:09JA068D5 #1-326 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

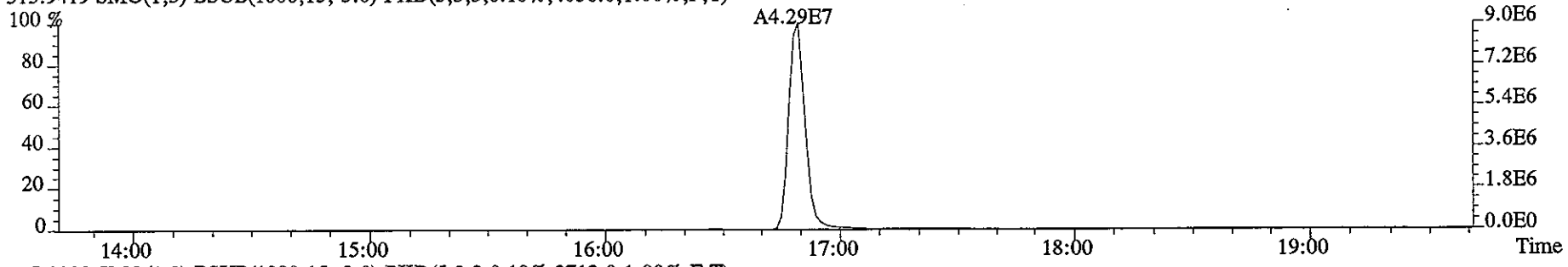
303.9016 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2864.0,1.00%,F,T)



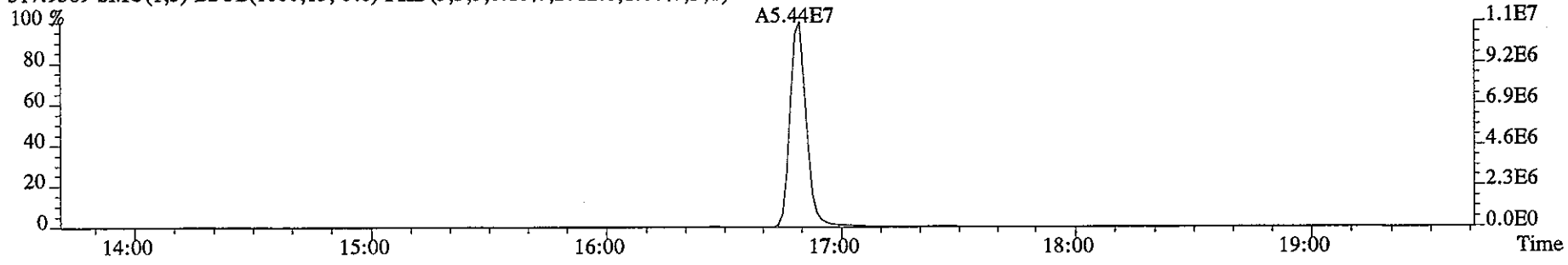
305.8987 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2724.0,1.00%,F,T)



315.9419 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4056.0,1.00%,F,T)

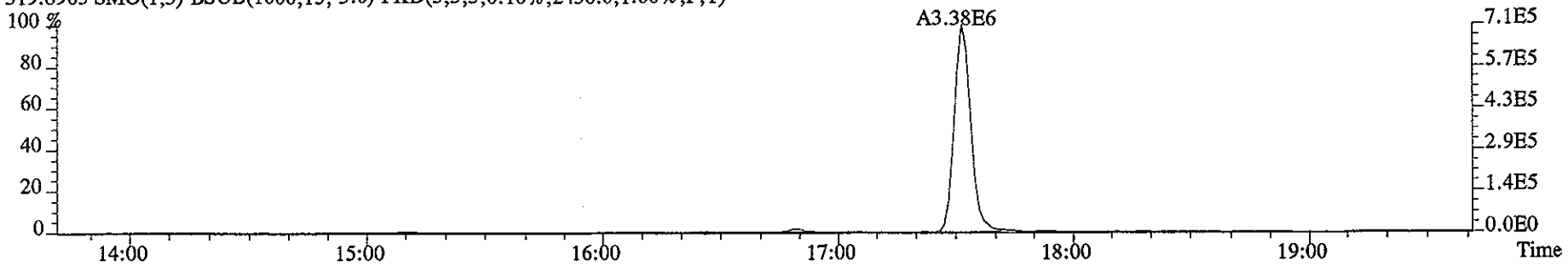


317.9389 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2712.0,1.00%,F,T)

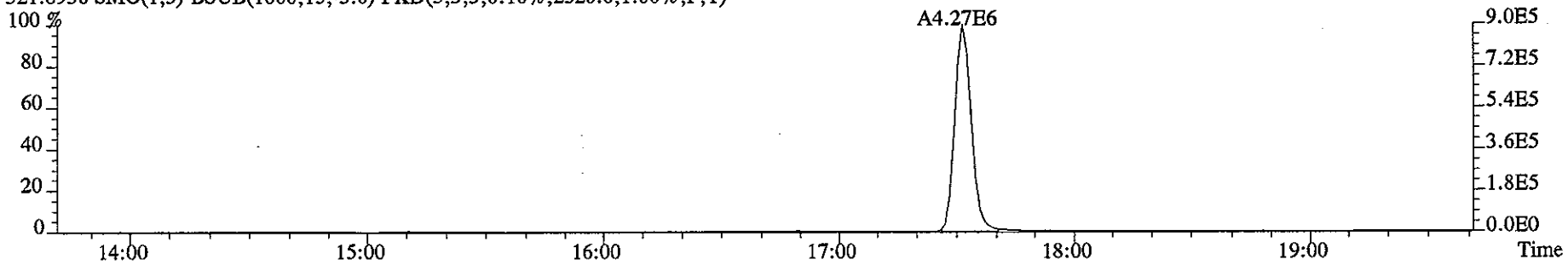


File:09JA068D5 #1-326 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

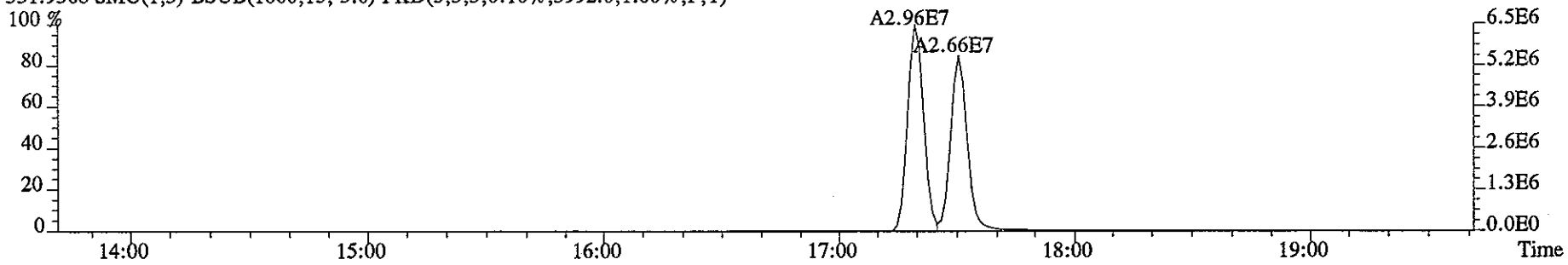
319.8965 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2436.0,1.00%,F,T)



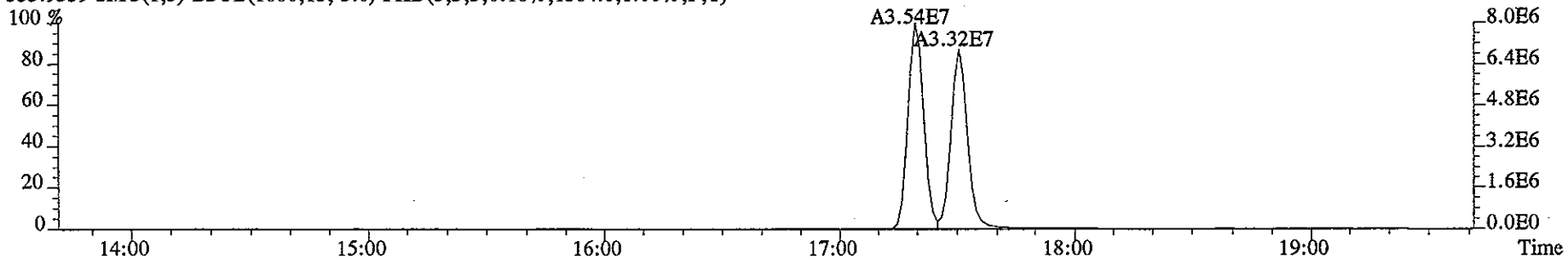
321.8936 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2520.0,1.00%,F,T)



331.9368 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3992.0,1.00%,F,T)

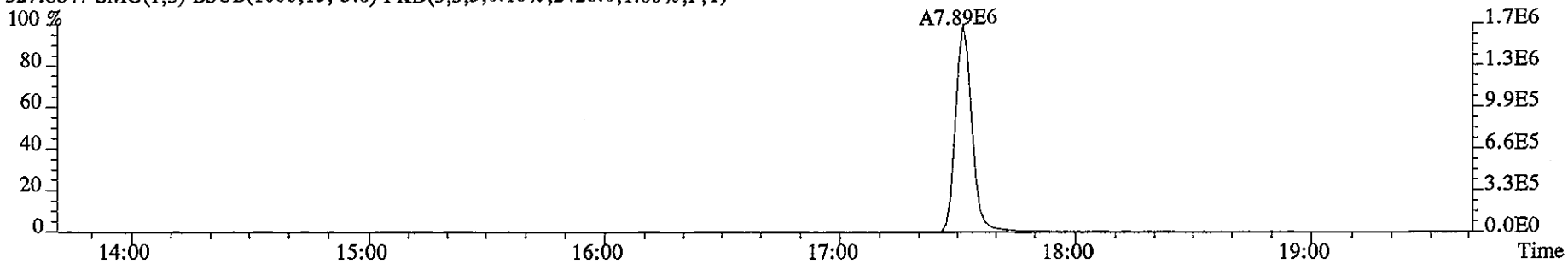


333.9339 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1584.0,1.00%,F,T)

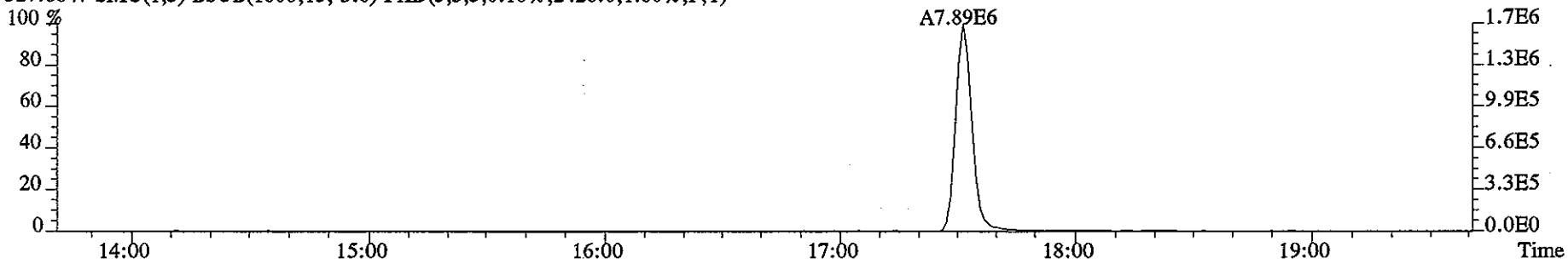


File:09JA068D5 #1-326 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

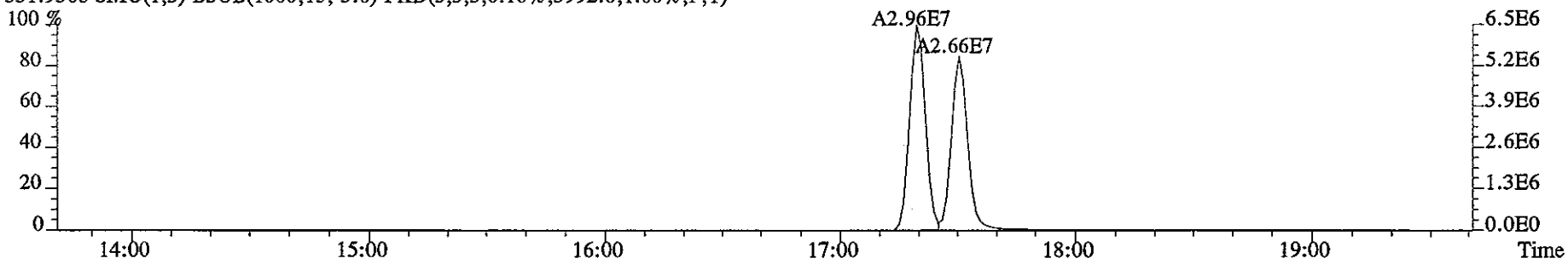
327.8847 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2428.0,1.00%,F,T)



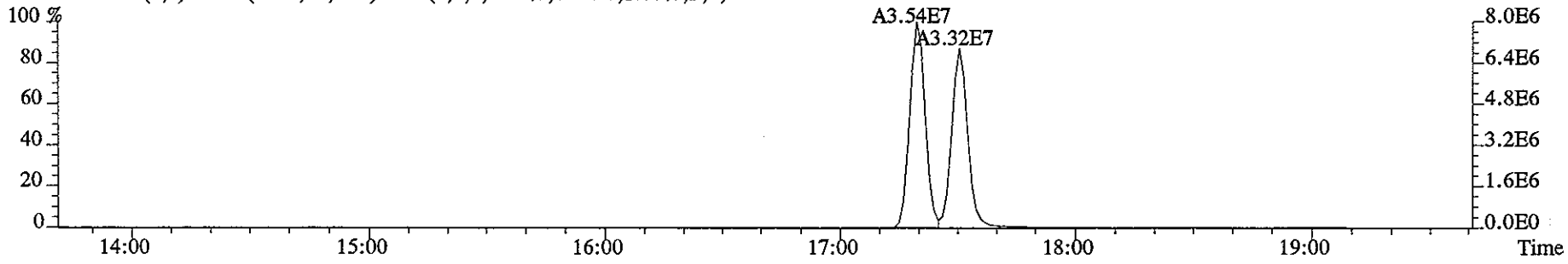
327.8847 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2428.0,1.00%,F,T)



331.9368 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3992.0,1.00%,F,T)

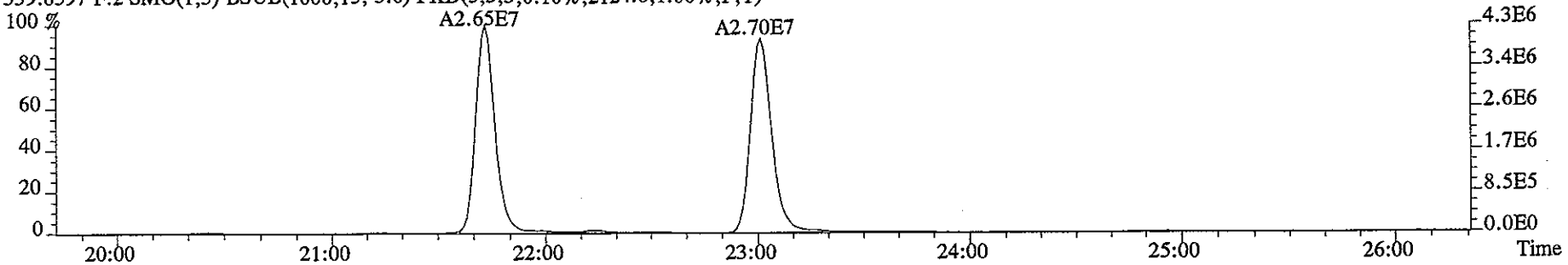


333.9339 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1584.0,1.00%,F,T)

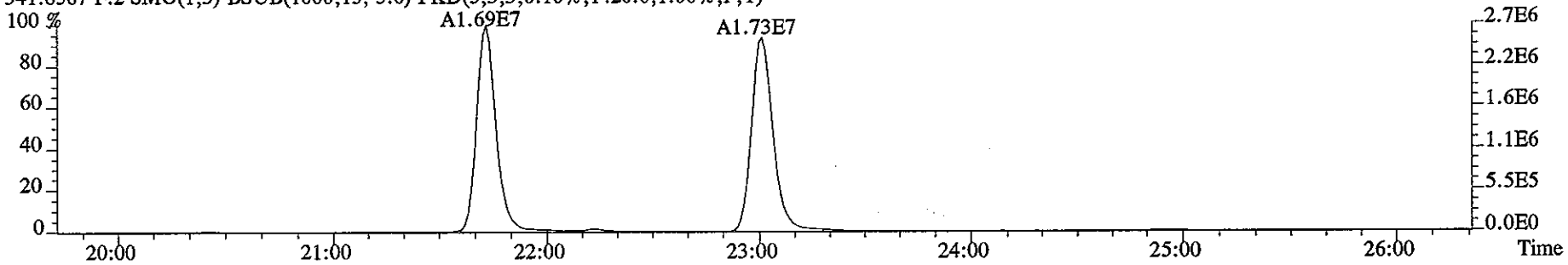


File:09JA068D5 #1-467 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

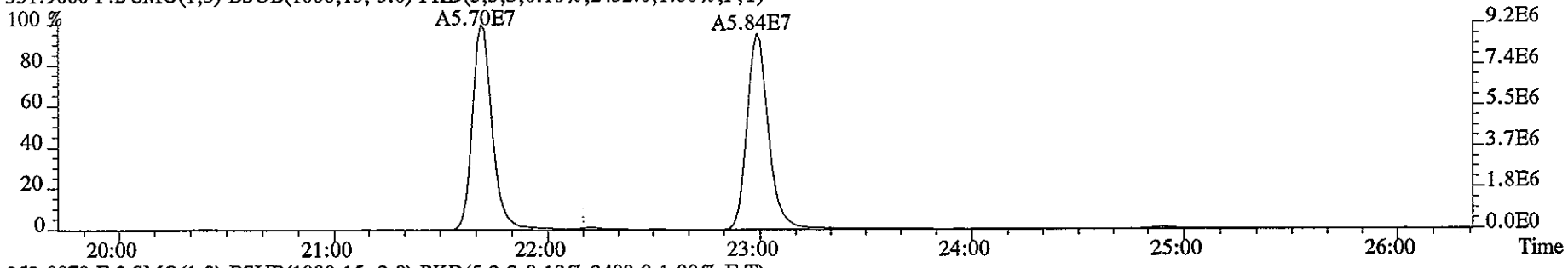
339.8597 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2124.0,1.00%,F,T)



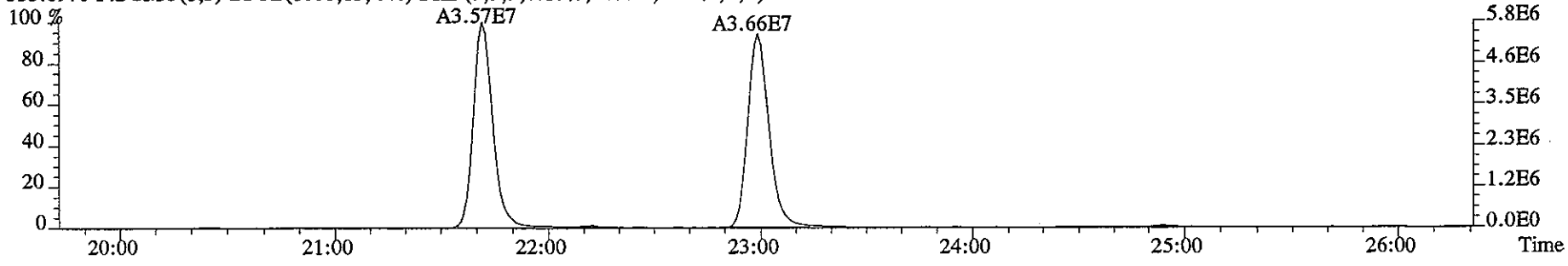
341.8567 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1420.0,1.00%,F,T)



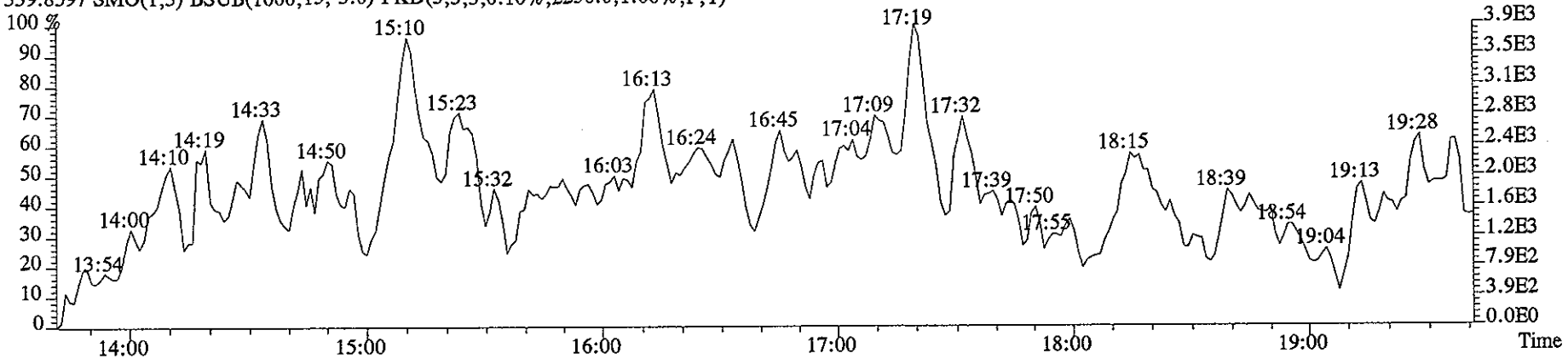
351.9000 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2432.0,1.00%,F,T)



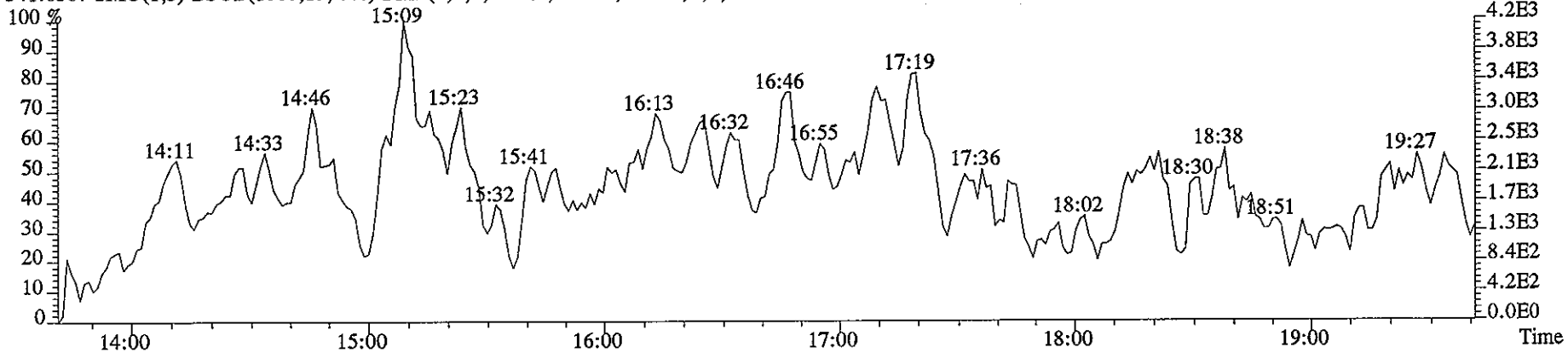
353.8970 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3408.0,1.00%,F,T)



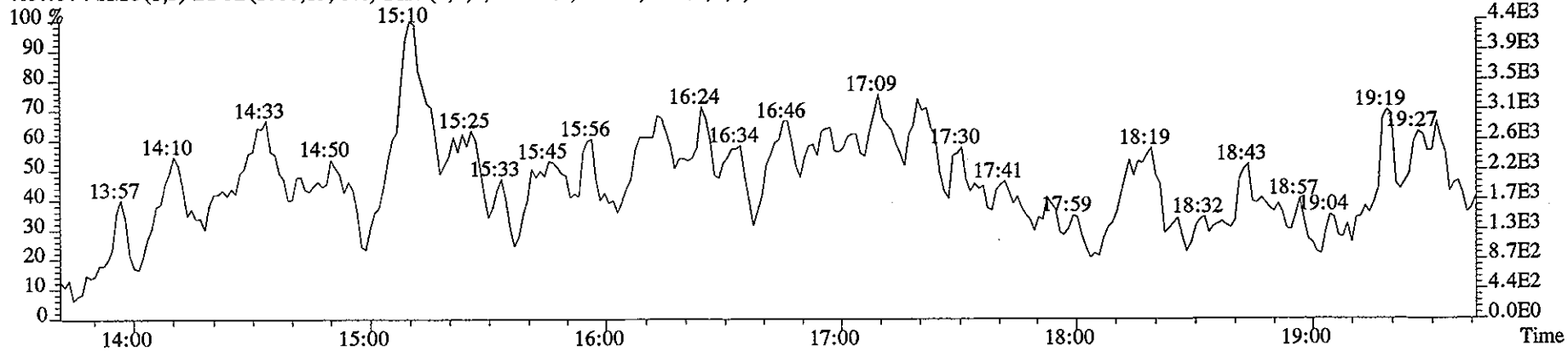
File:09JA068D5 #1-326 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN
339.8597 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2256.0,1.00%,F,T)



341.8567 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2388.0,1.00%,F,T)

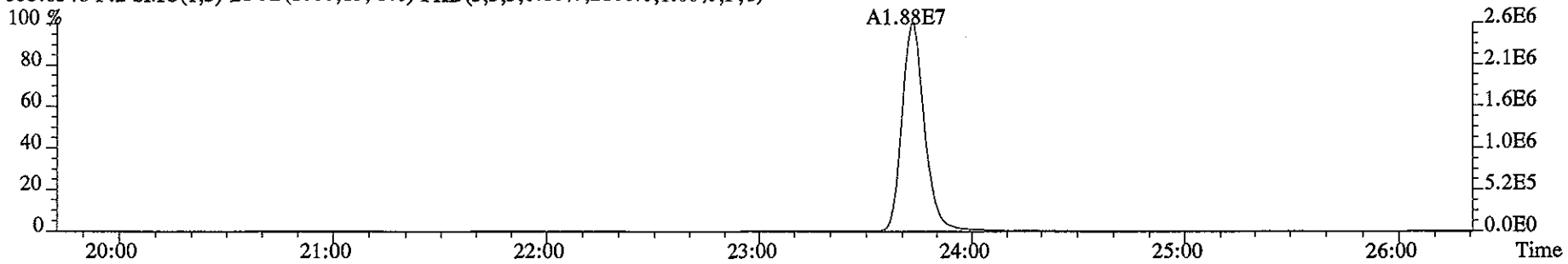


409.7974 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2644.0,1.00%,F,T)

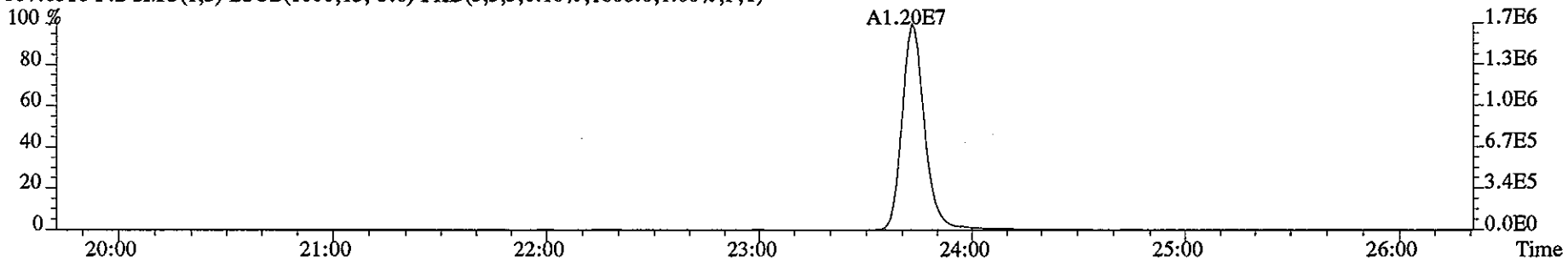


File:09JA068D5 #1-467 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

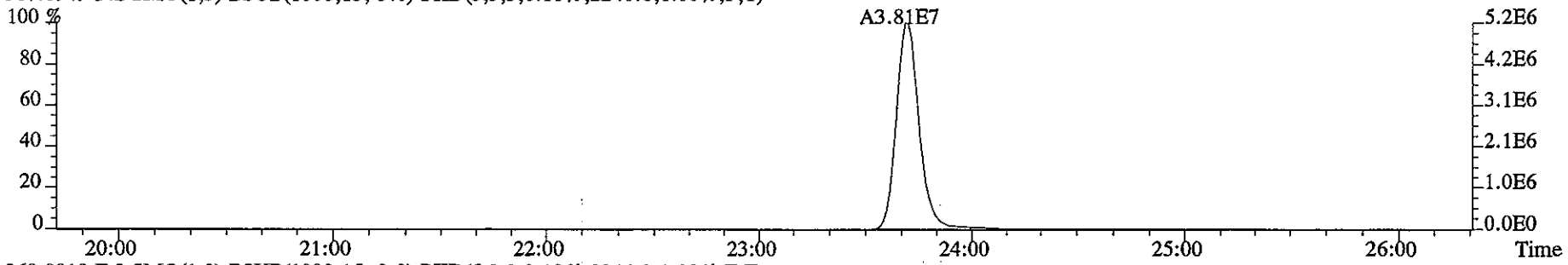
355.8546 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2108.0,1.00%,F,T)



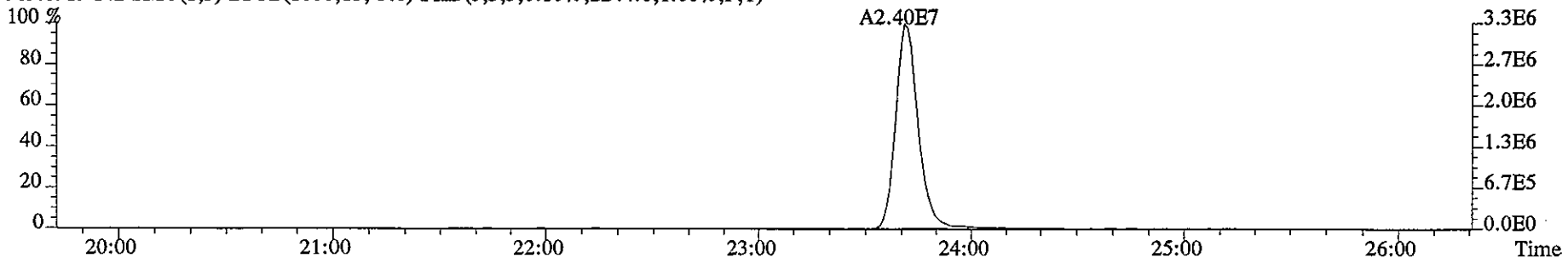
357.8516 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1808.0,1.00%,F,T)



367.8949 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2240.0,1.00%,F,T)

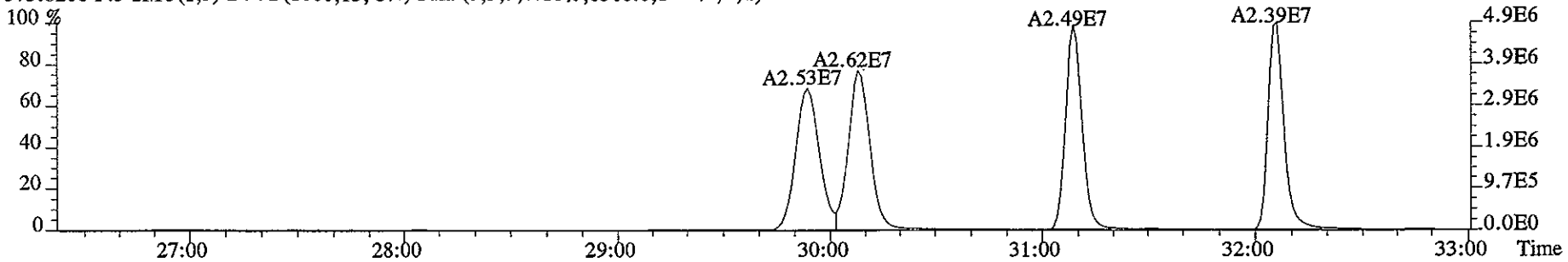


369.8919 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2244.0,1.00%,F,T)

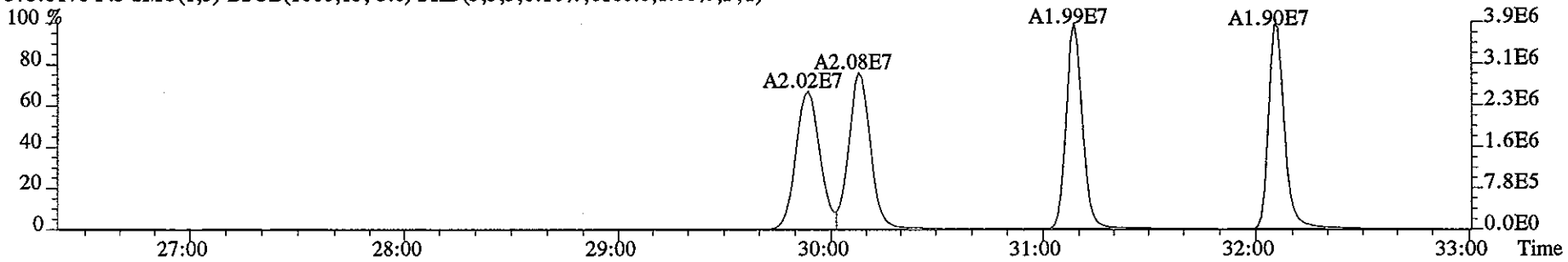


File:09JA068D5 #1-446 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

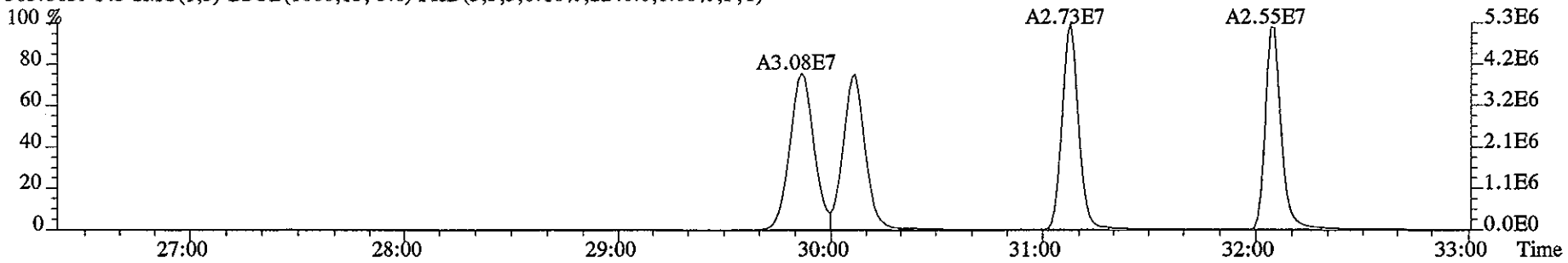
373.8208 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8368.0,1.00%,F,T)



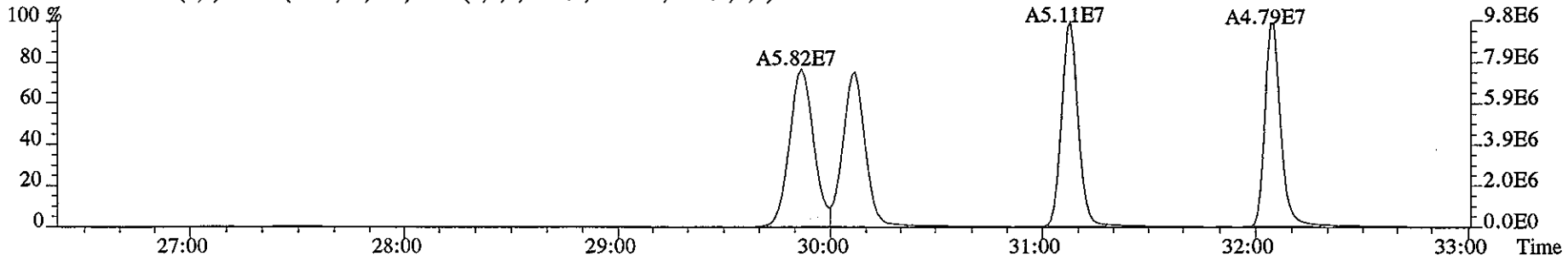
375.8178 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6160.0,1.00%,F,T)



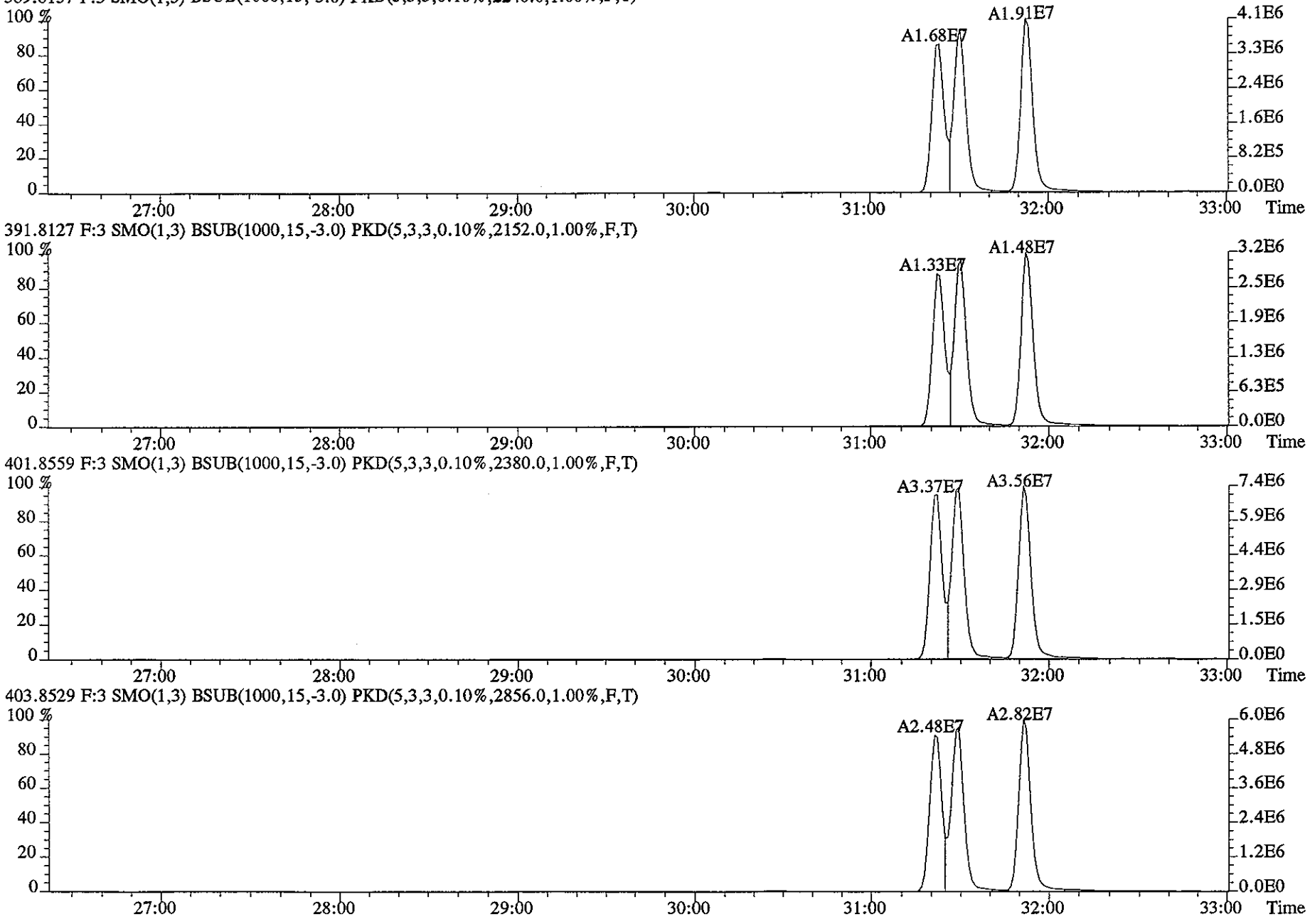
383.8639 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2240.0,1.00%,F,T)



385.8610 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12832.0,1.00%,F,T)

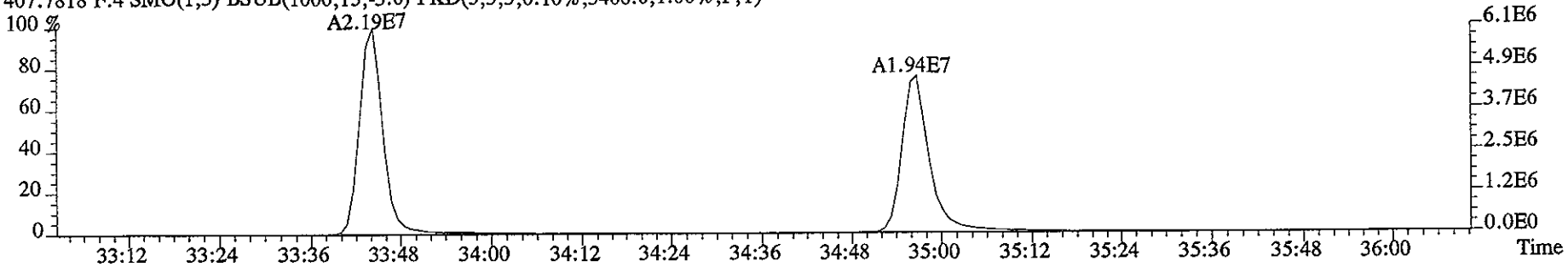


File:09JA068D5 #1-446 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

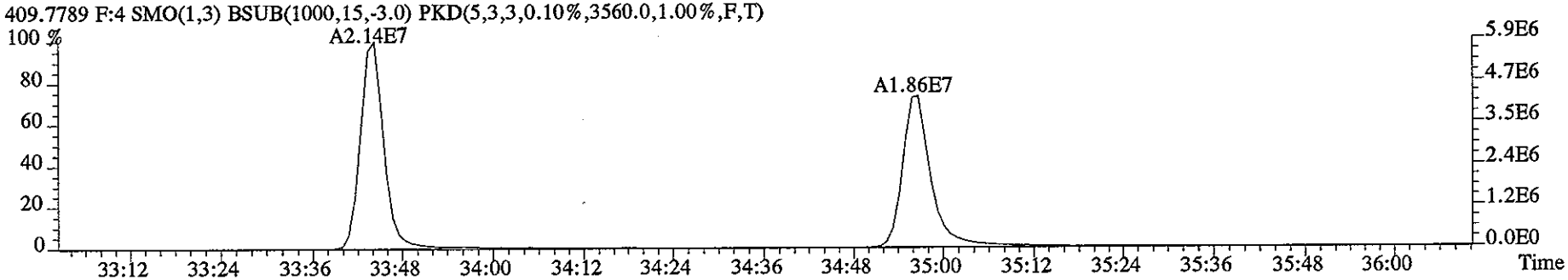


File:09JA068D5 #1-221 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

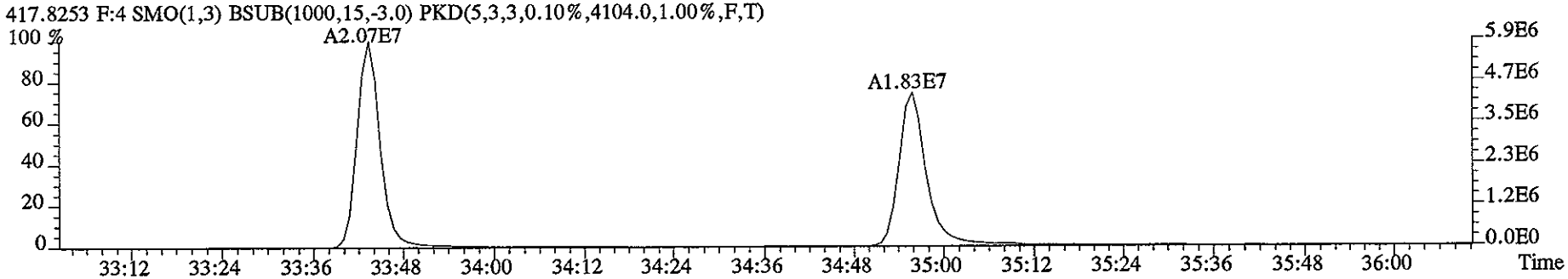
407.7818 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3408.0,1.00%,F,T)



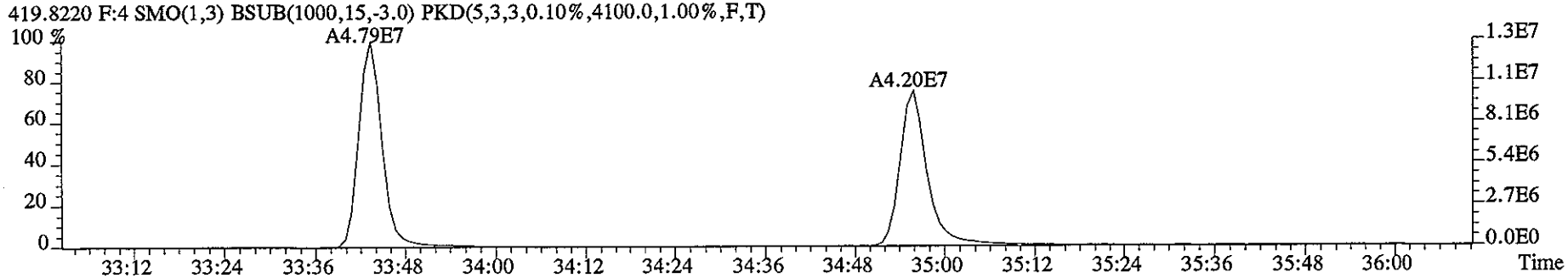
409.7789 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3560.0,1.00%,F,T)



417.8253 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4104.0,1.00%,F,T)

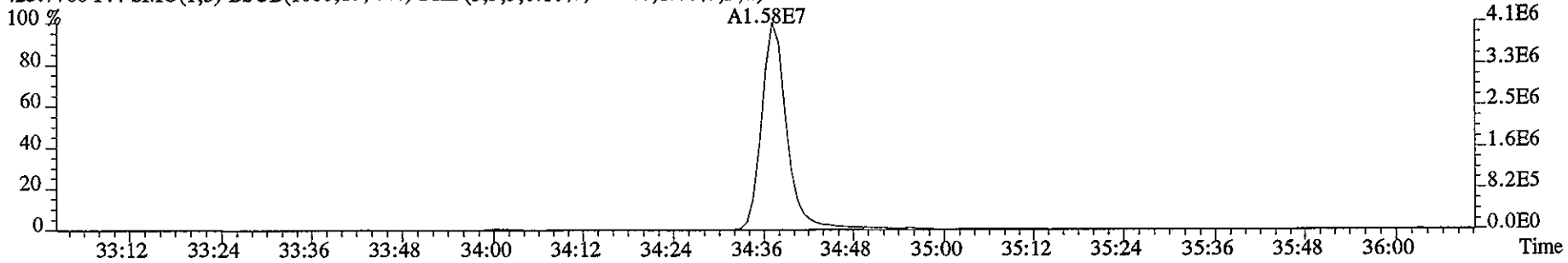


419.8220 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4100.0,1.00%,F,T)

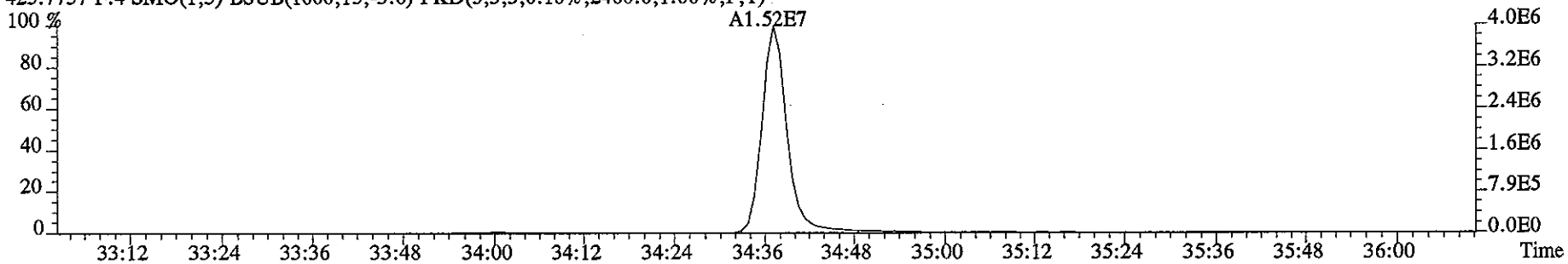


File:09JA068D5 #1-221 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

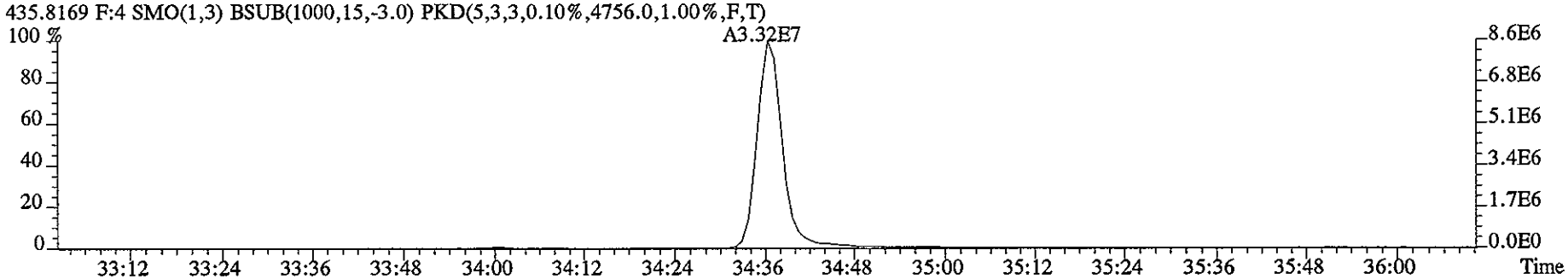
423.7766 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2452.0,1.00%,F,T)



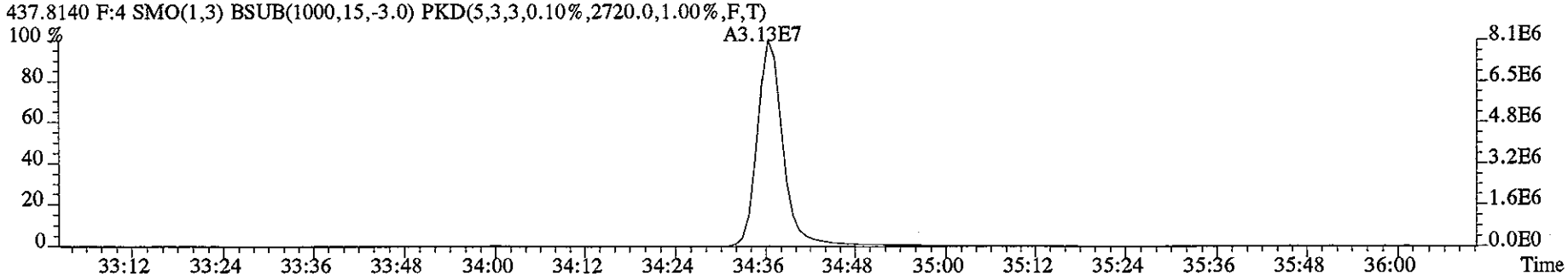
425.7737 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2460.0,1.00%,F,T)



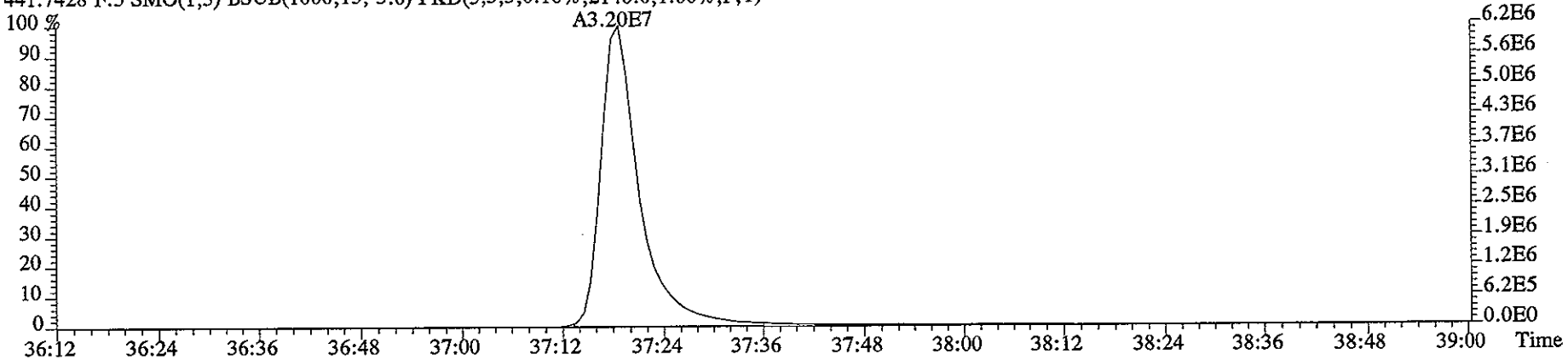
435.8169 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4756.0,1.00%,F,T)



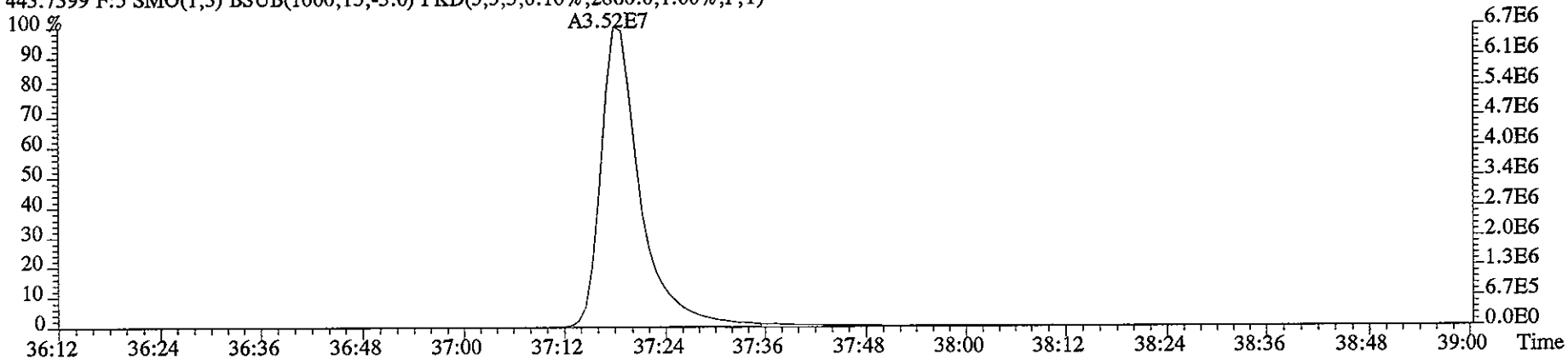
437.8140 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2720.0,1.00%,F,T)



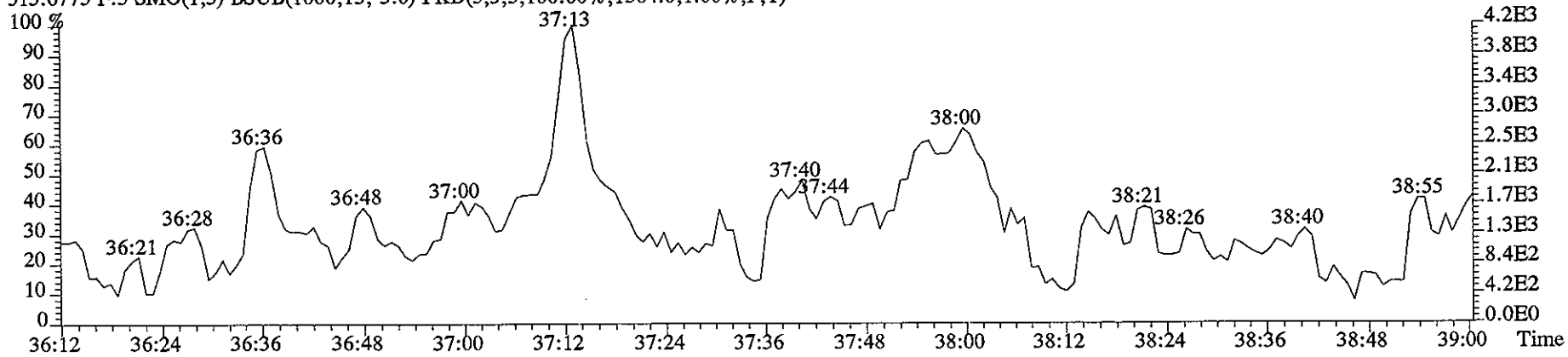
File:09JA068D5 #1-203 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN
441.7428 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2140.0,1.00%,F,T)



443.7399 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2860.0,1.00%,F,T)

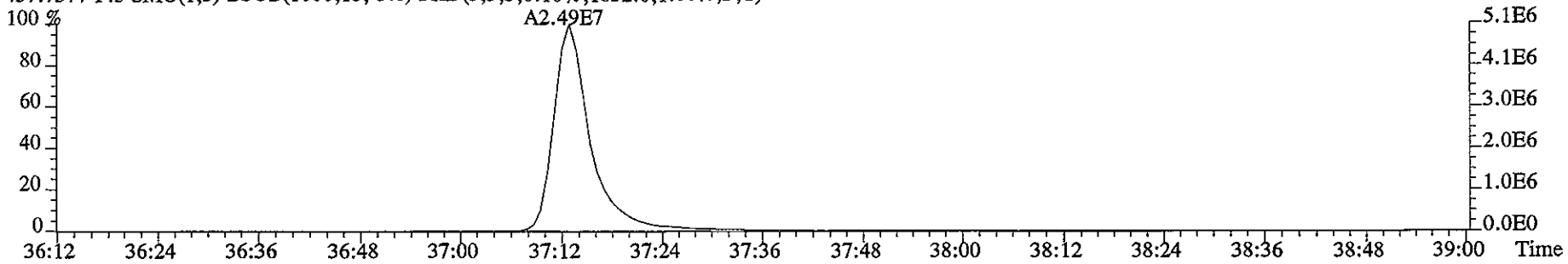


513.6775 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,1584.0,1.00%,F,T)

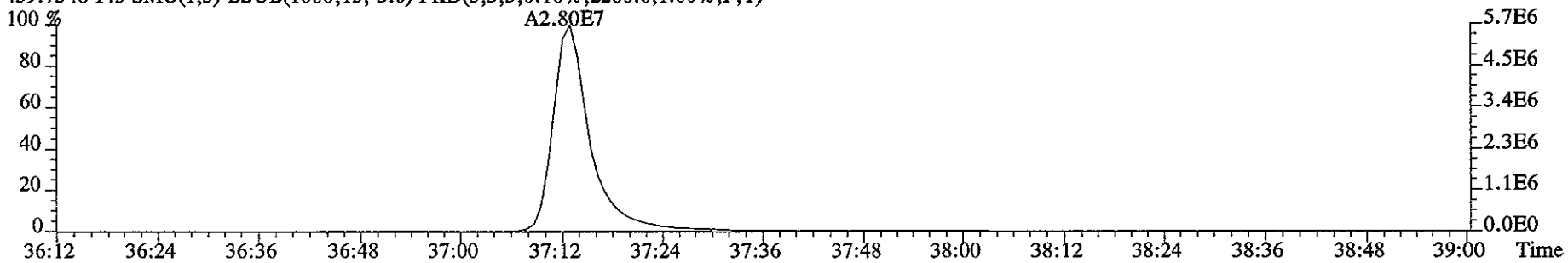


File:09JA068D5 #1-203 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

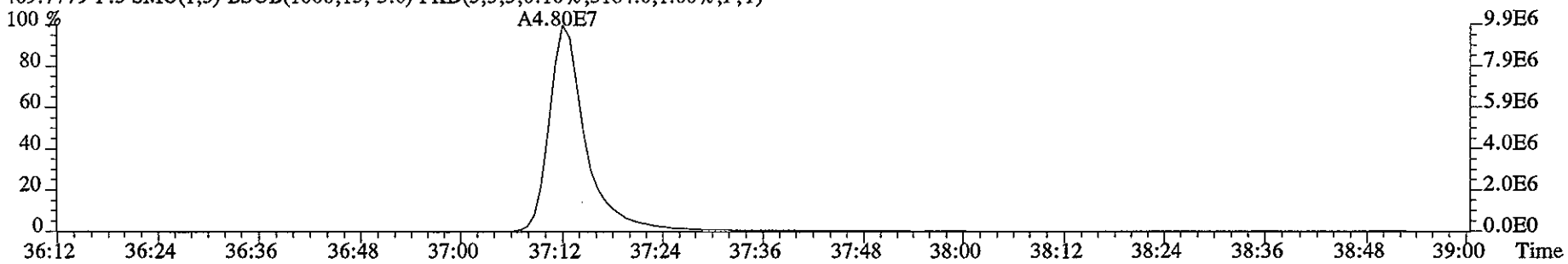
457.7377 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1852.0,1.00%,F,T)



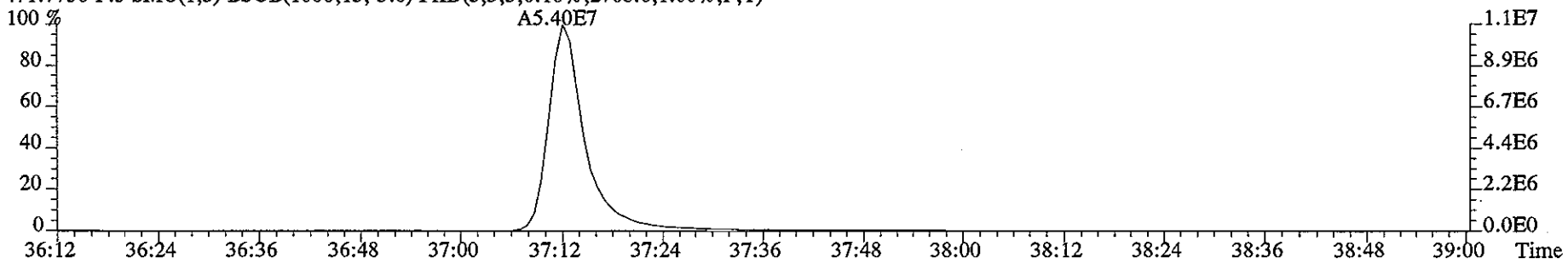
459.7348 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2280.0,1.00%,F,T)



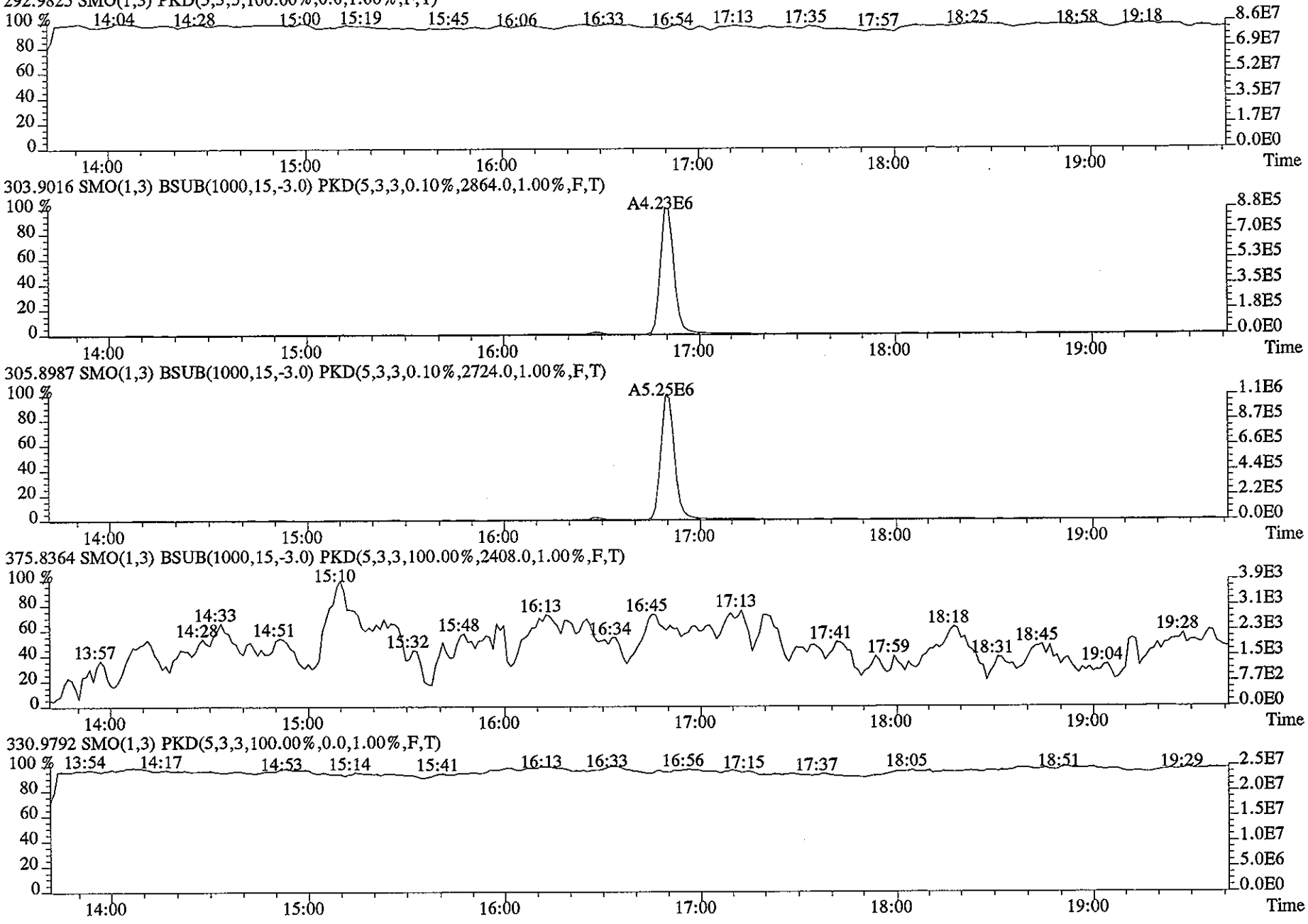
469.7779 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3184.0,1.00%,F,T)



471.7750 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2768.0,1.00%,F,T)

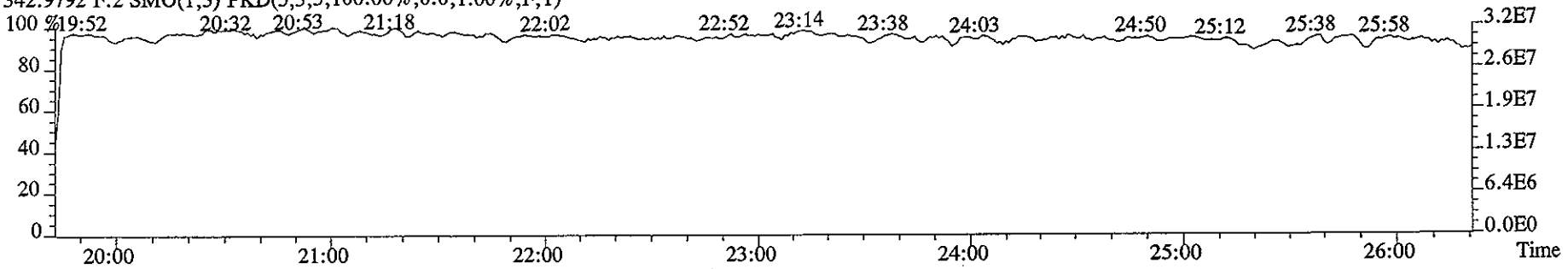


File:09JA068D5 #1-326 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

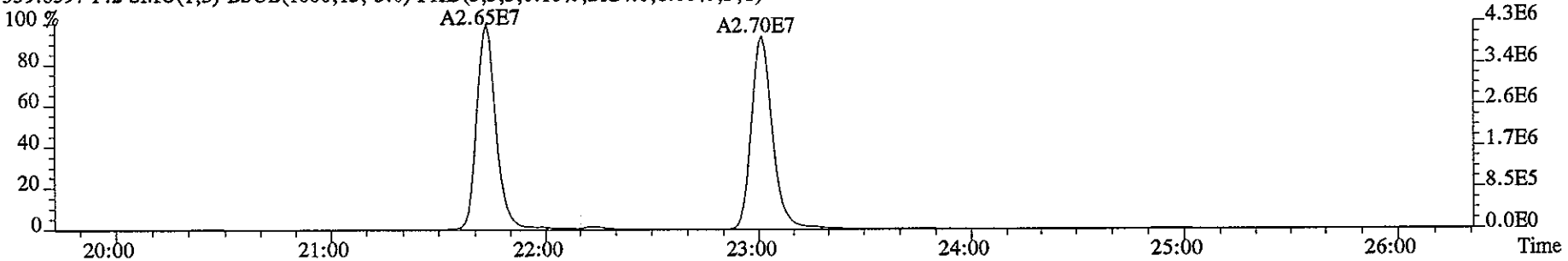


File:09JA068D5 #1-467 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

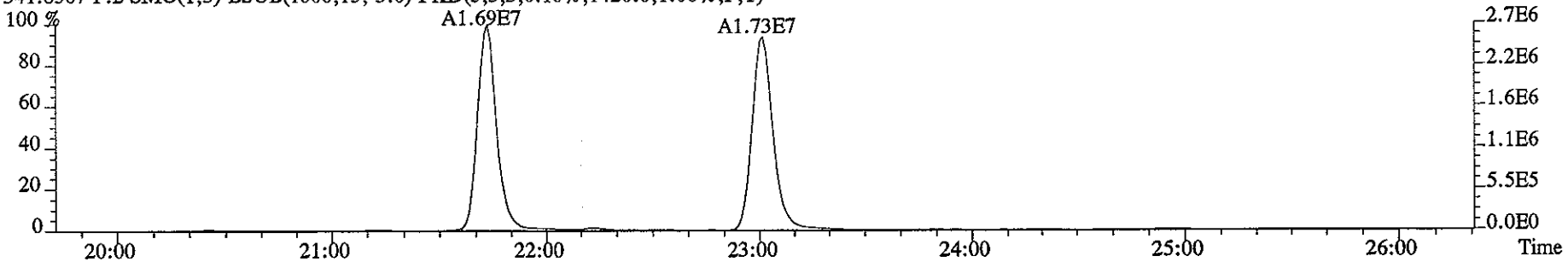
342.9792 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



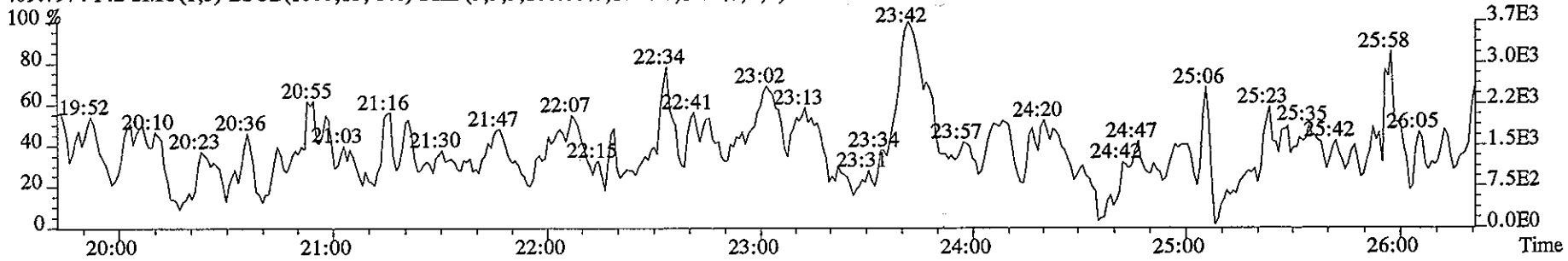
339.8597 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2124.0,1.00%,F,T)



341.8567 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1420.0,1.00%,F,T)

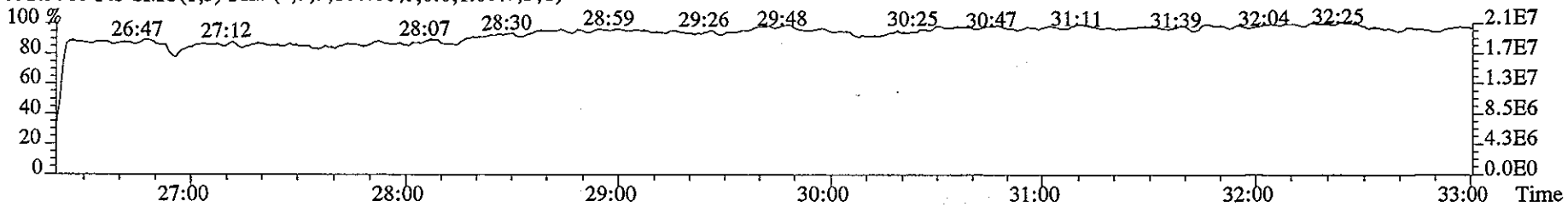


409.7974 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1784.0,1.00%,F,T)

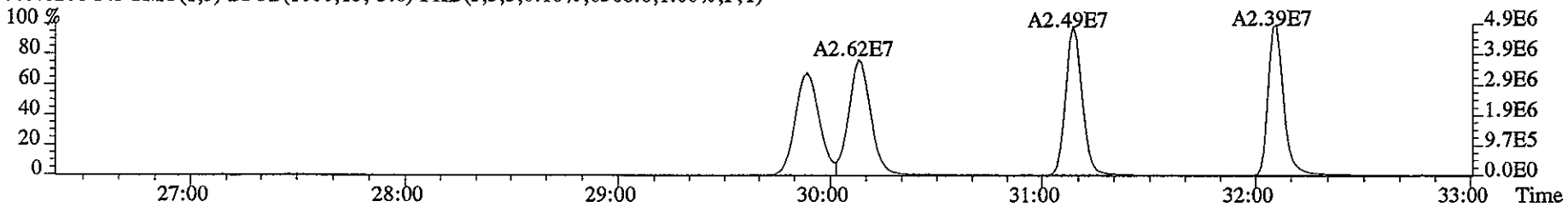


File:09JA068D5 #1-446 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

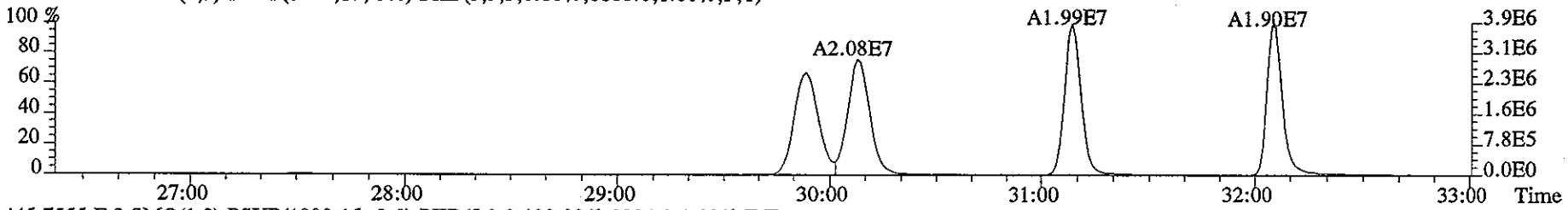
392.9760 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



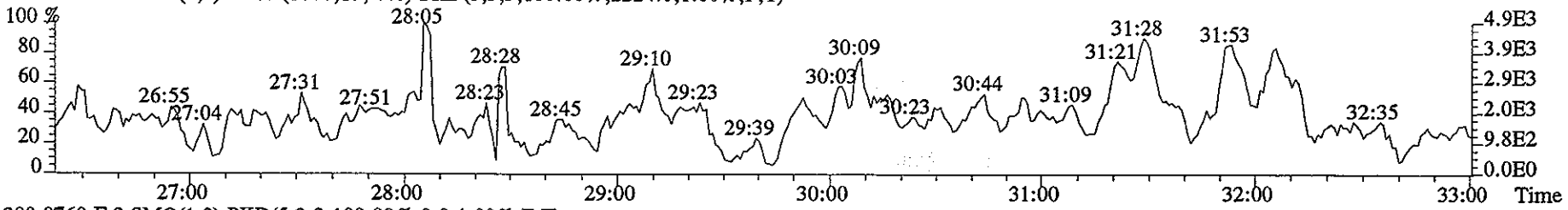
373.8208 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8368.0,1.00%,F,T)



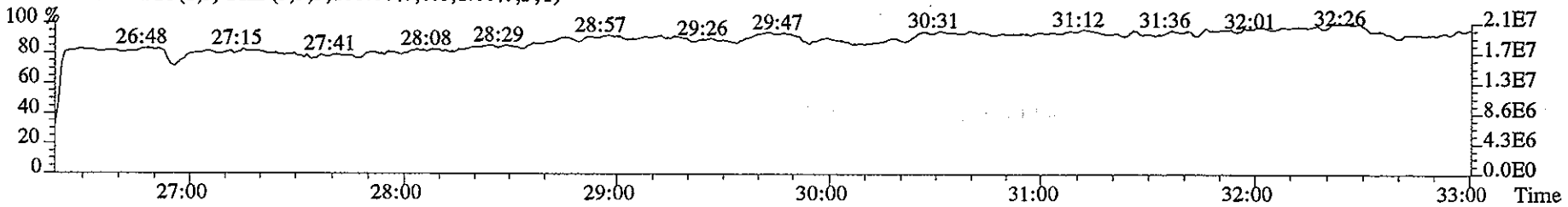
375.8178 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6160.0,1.00%,F,T)



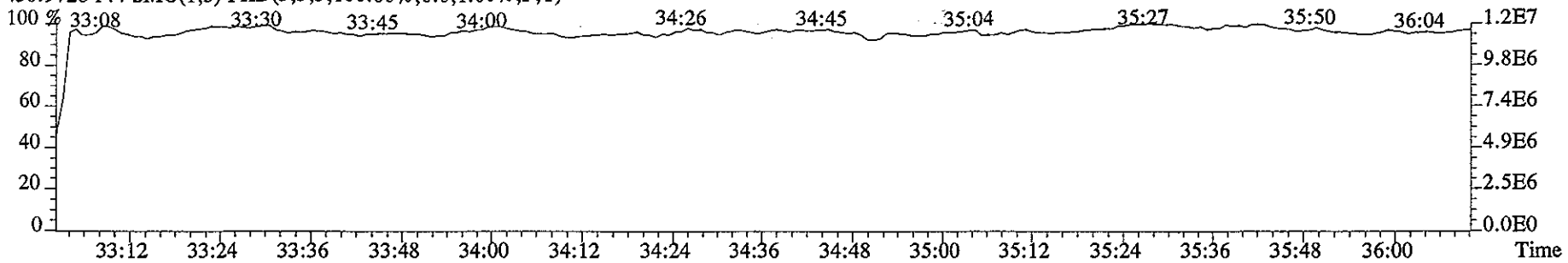
445.7555 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2224.0,1.00%,F,T)

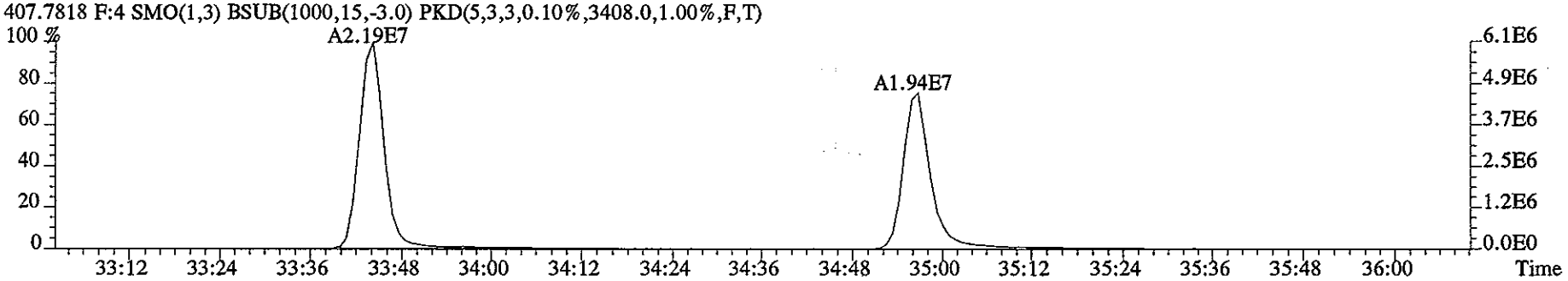


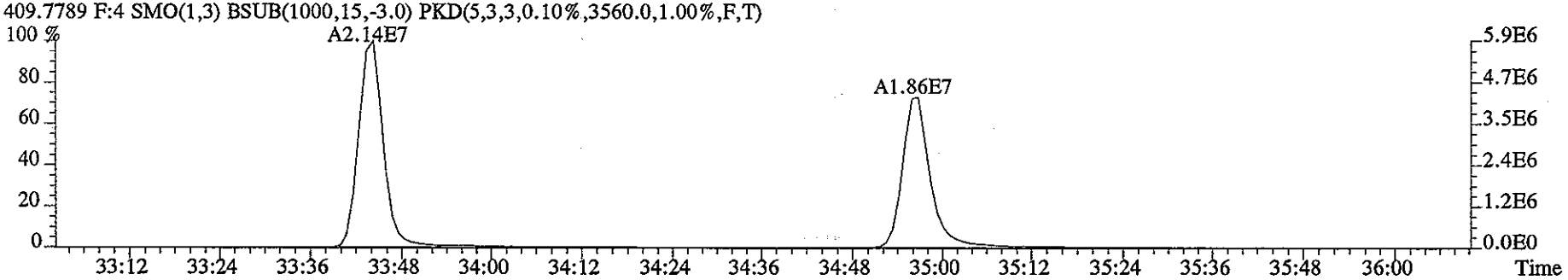
380.9760 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

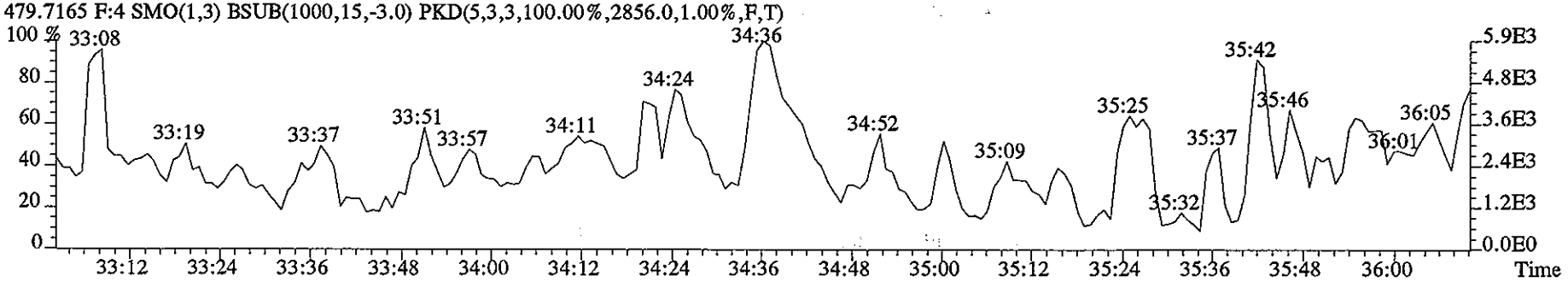


File:09JA068D5 #1-221 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN

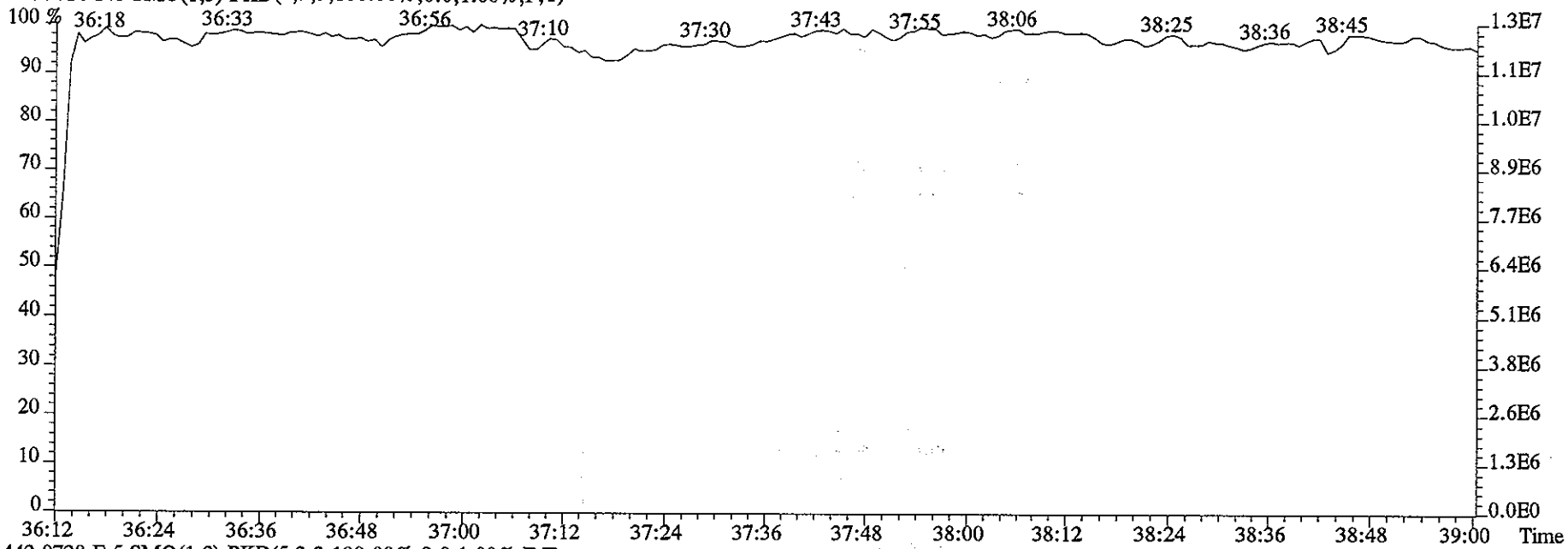




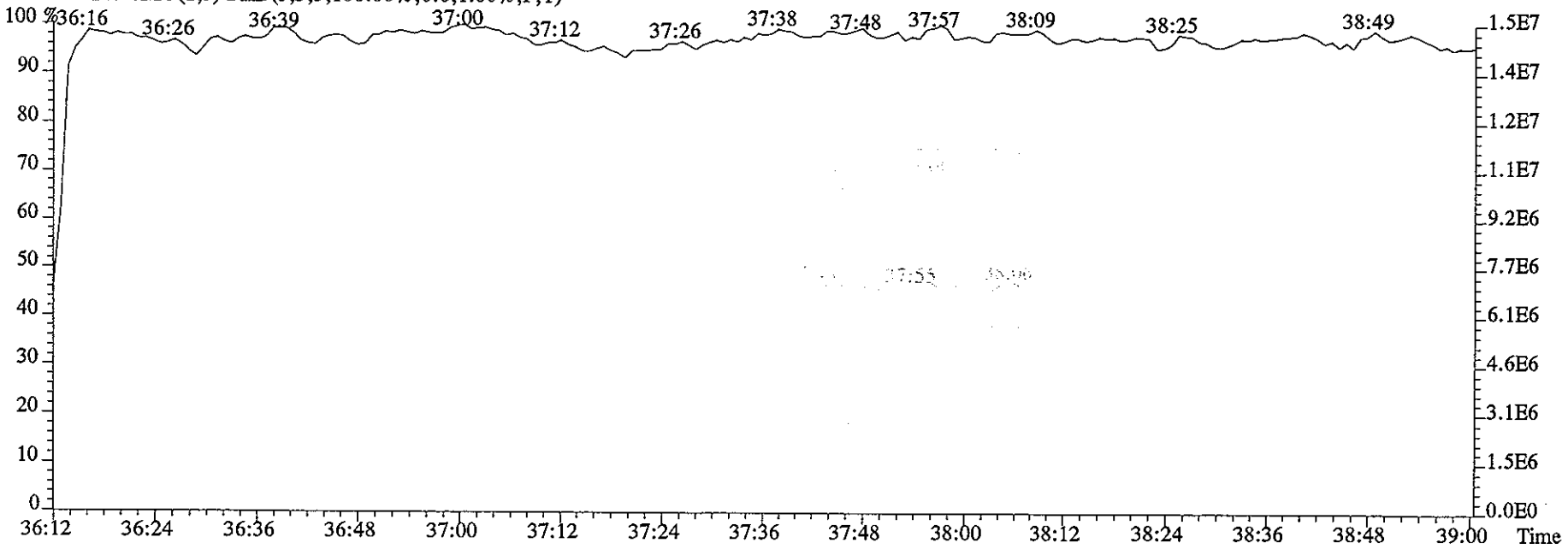




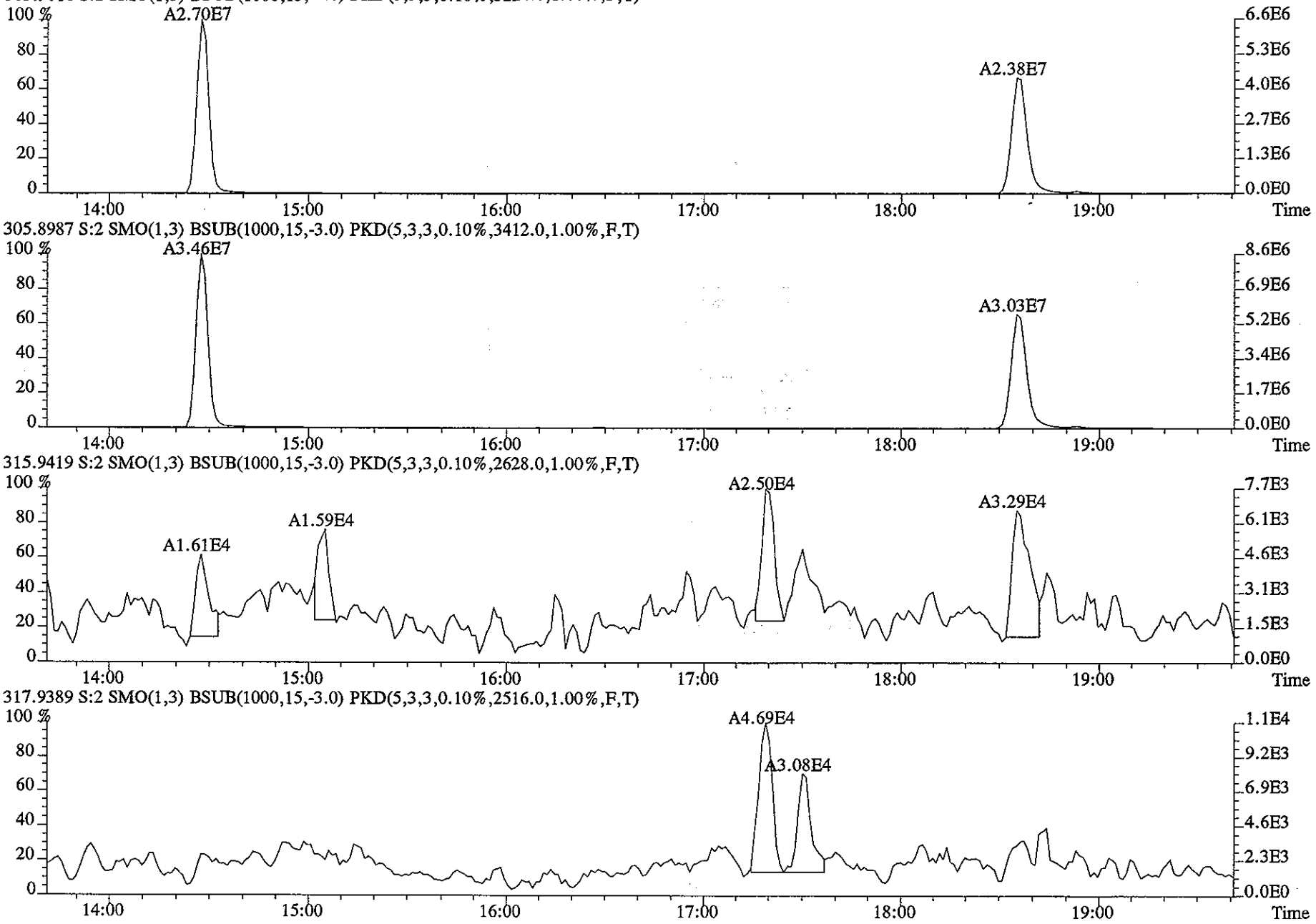
File:09JA068D5 #1-203 Acq: 9-JAN-2006 15:22:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST0109 :CS3 2565-41C Exp:DIOXIN
454.9728 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



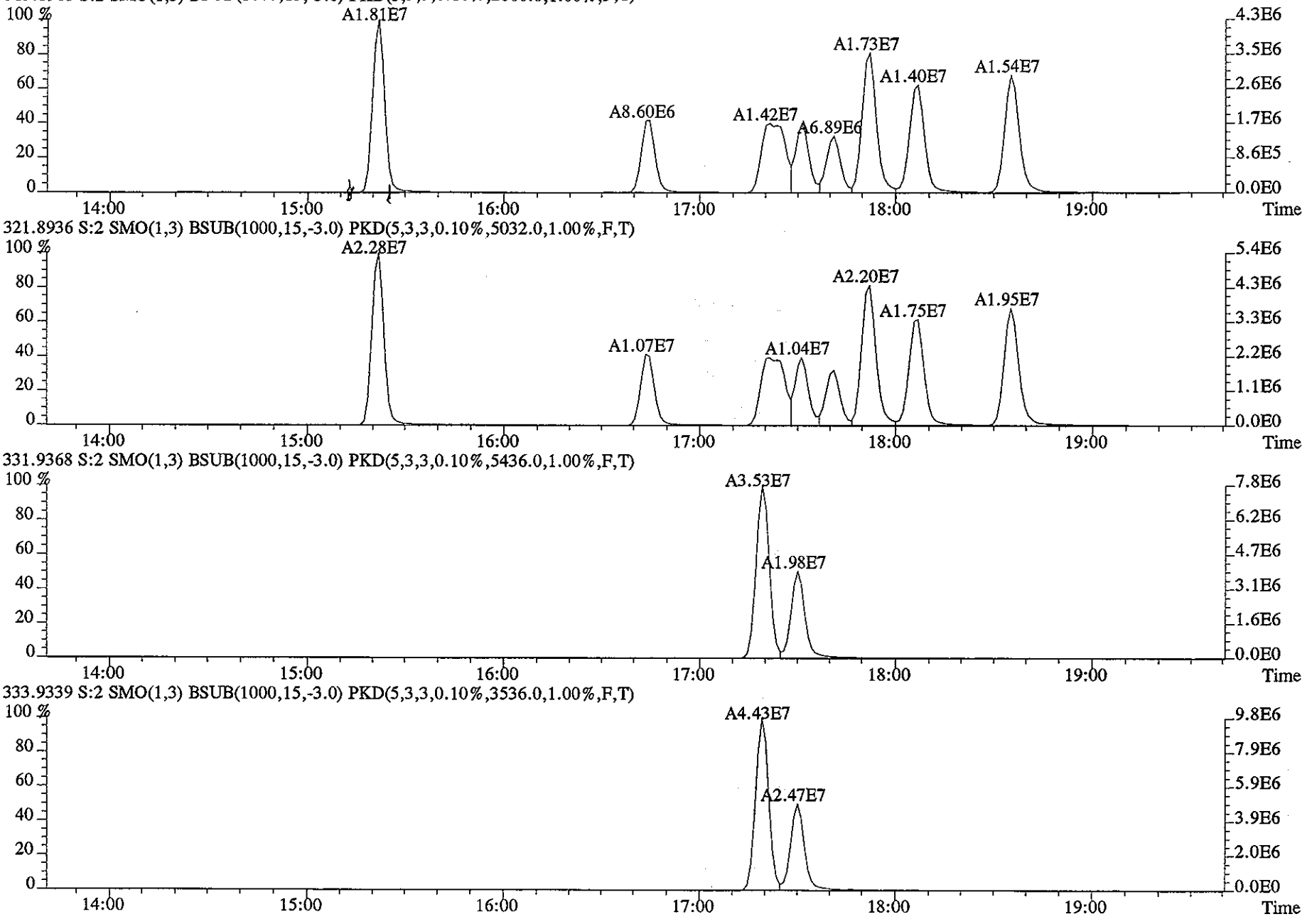
442.9728 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



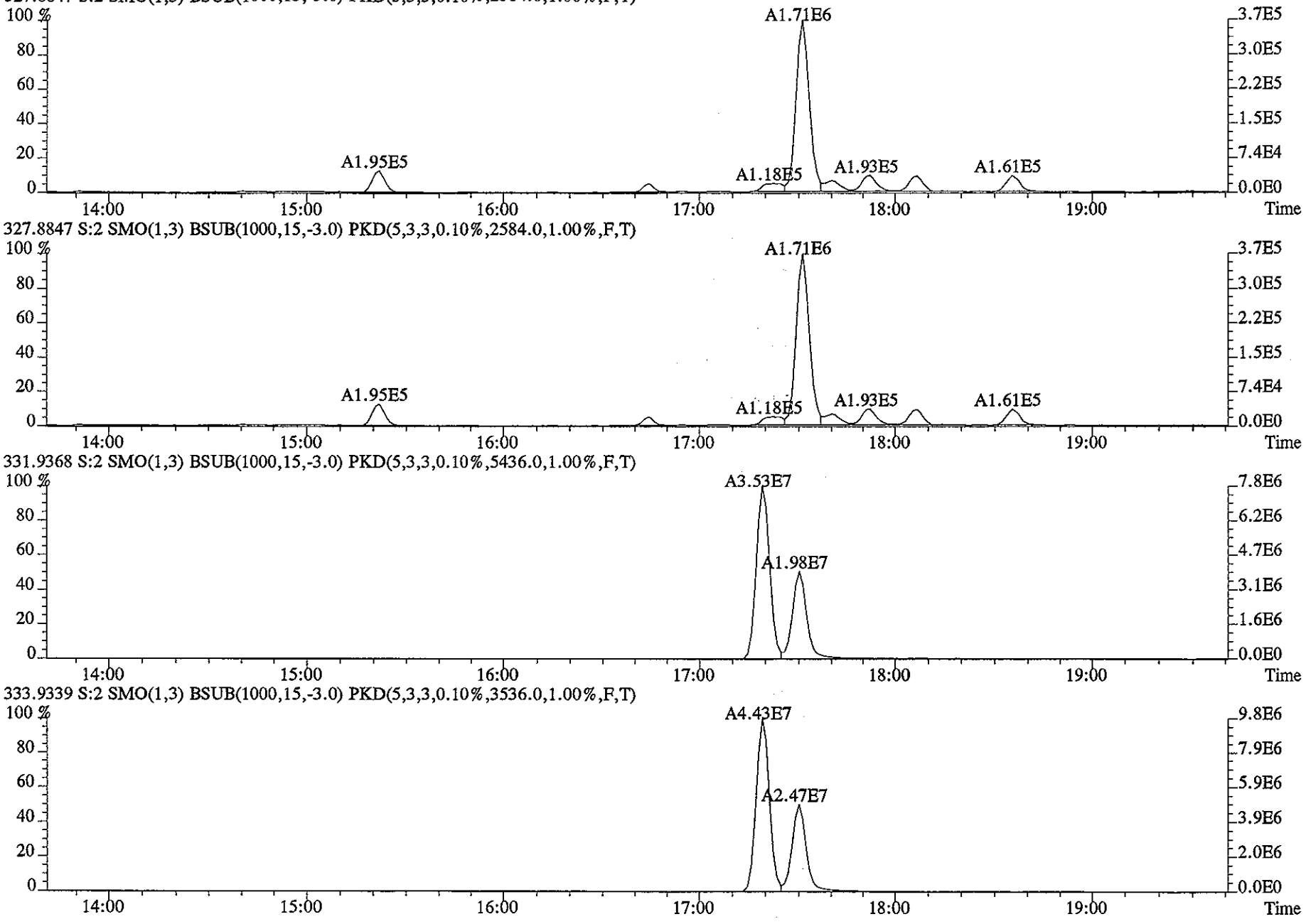
File:09JA068D5 #1-326 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN



File:09JA068D5 #1-326 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

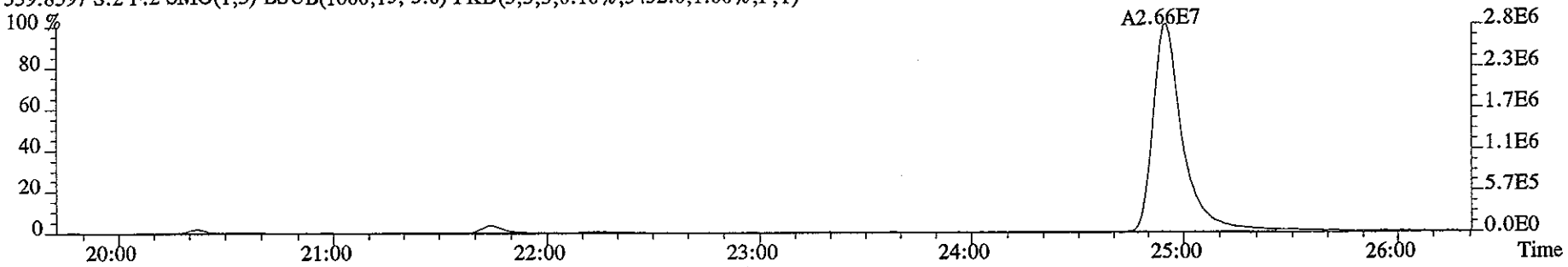


File:09JA068D5 #1-326 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

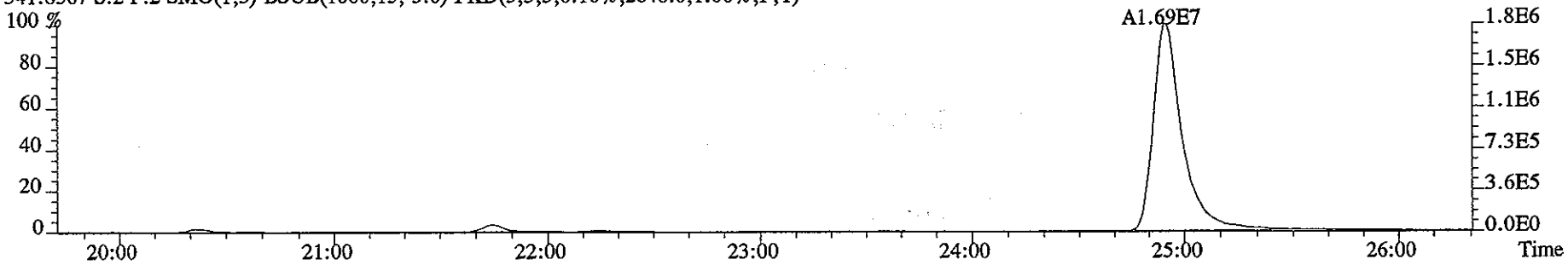


File:09JA068D5 #1-467 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

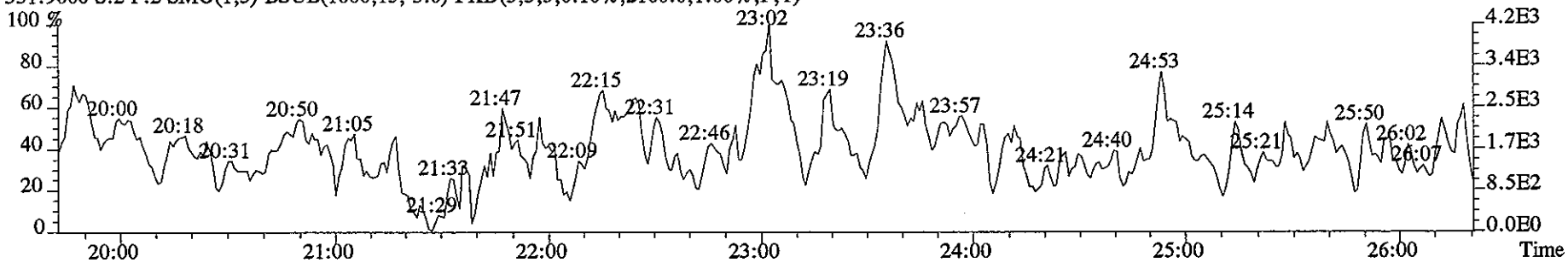
339.8597 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3432.0,1.00%,F,T)



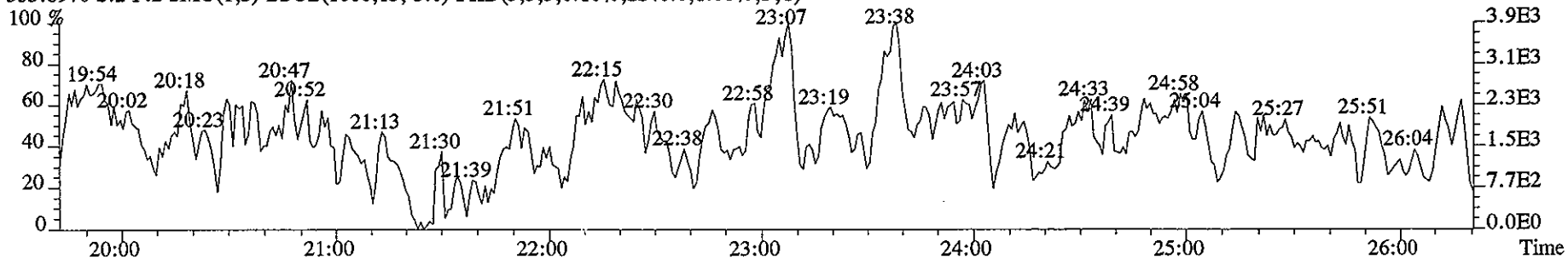
341.8567 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2848.0,1.00%,F,T)



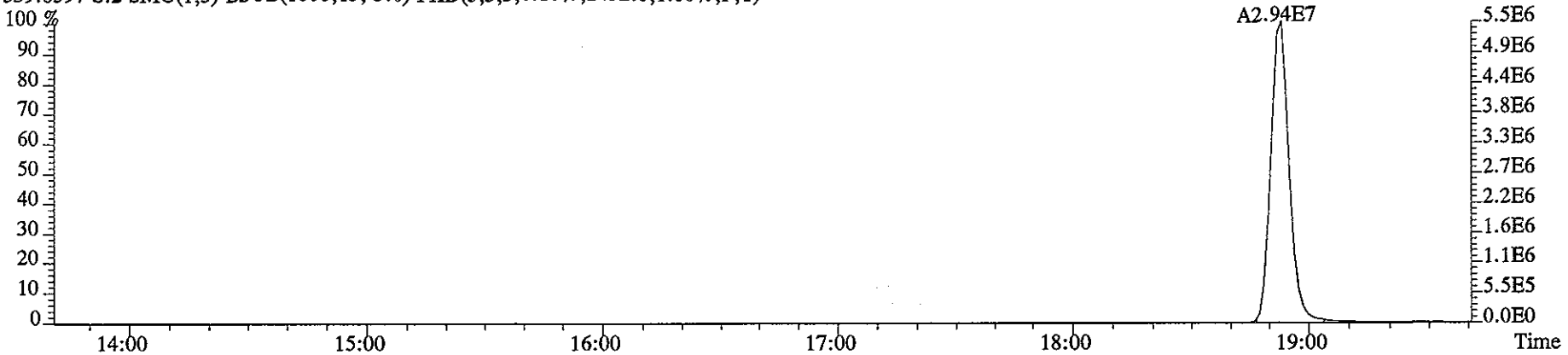
351.9000 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2160.0,1.00%,F,T)



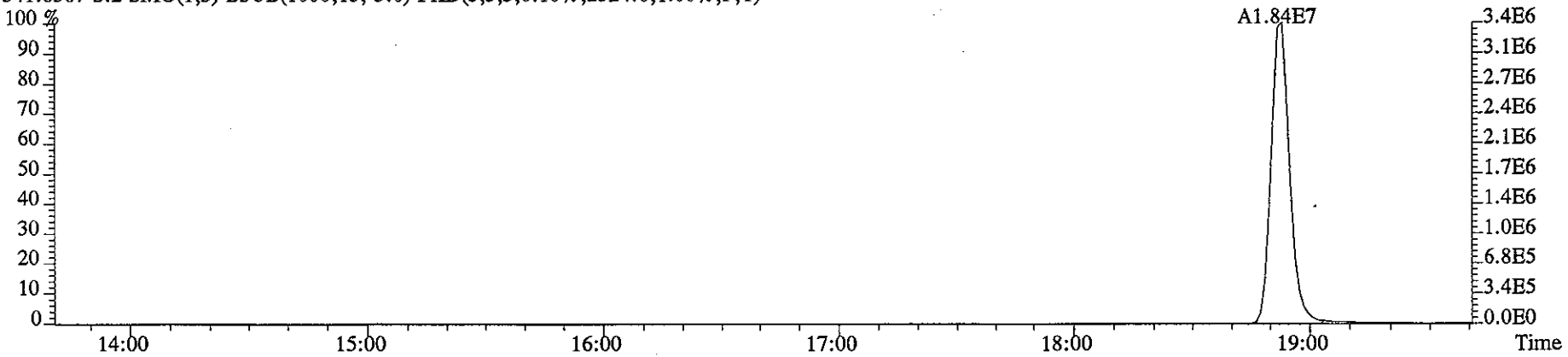
353.8970 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2240.0,1.00%,F,T)



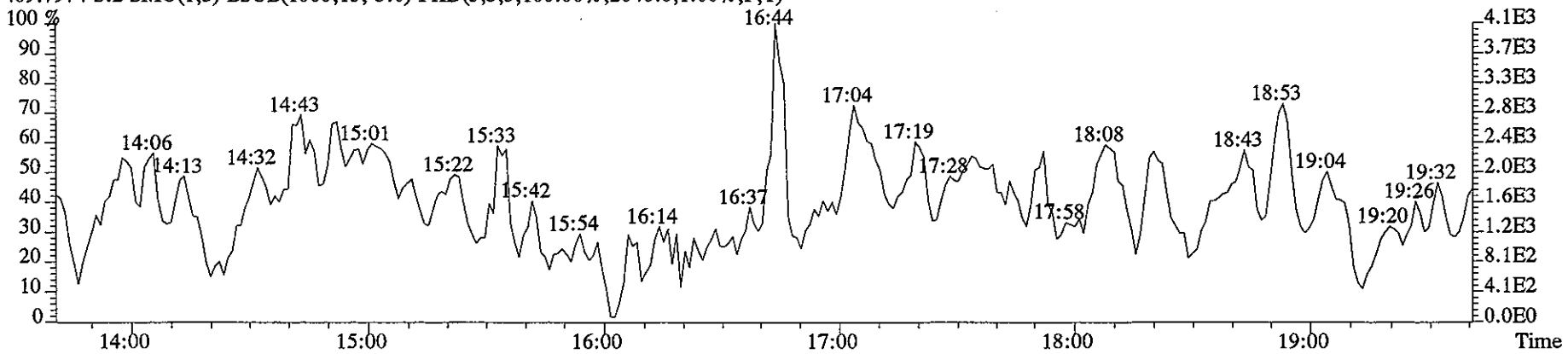
File:09JA068D5 #1-326 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN
339.8597 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2432.0,1.00%,F,T)



341.8567 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2324.0,1.00%,F,T)

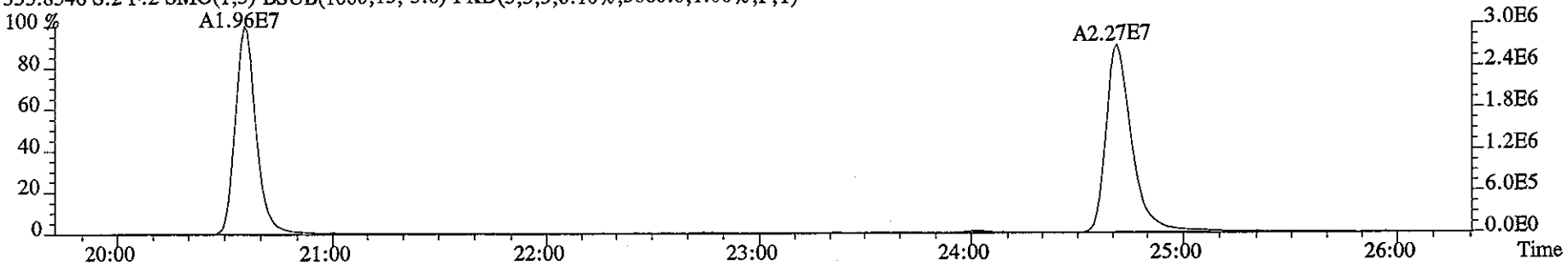


409.7974 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2040.0,1.00%,F,T)

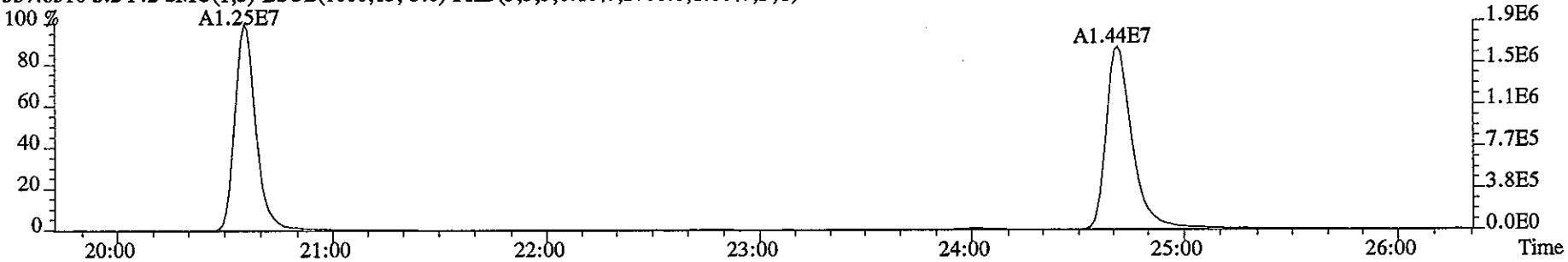


File:09JA068D5 #1-467 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

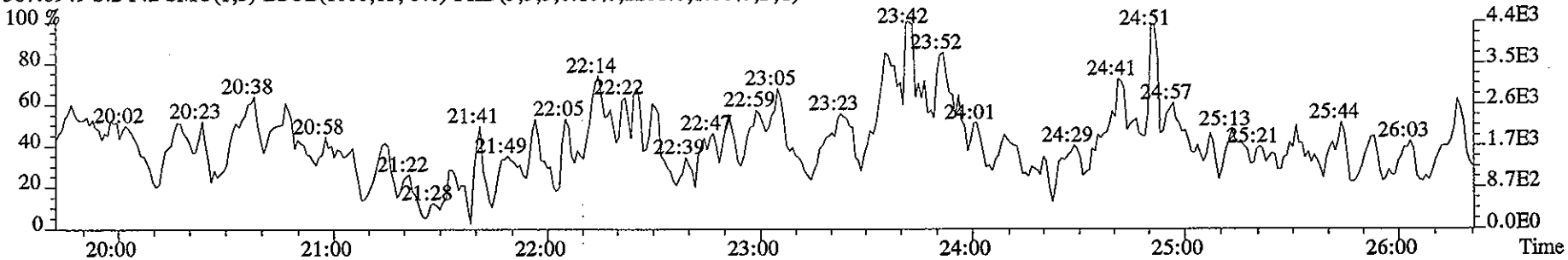
355.8546 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3860.0,1.00%,F,T)



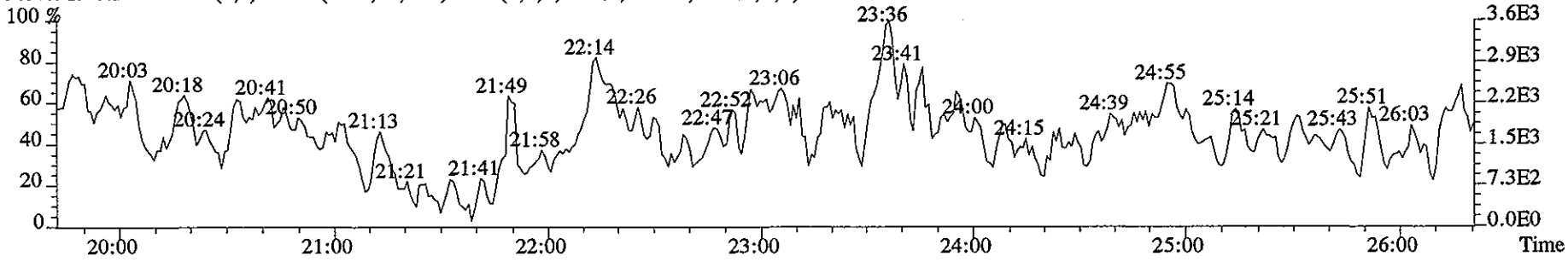
357.8516 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2700.0,1.00%,F,T)



367.8949 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2288.0,1.00%,F,T)

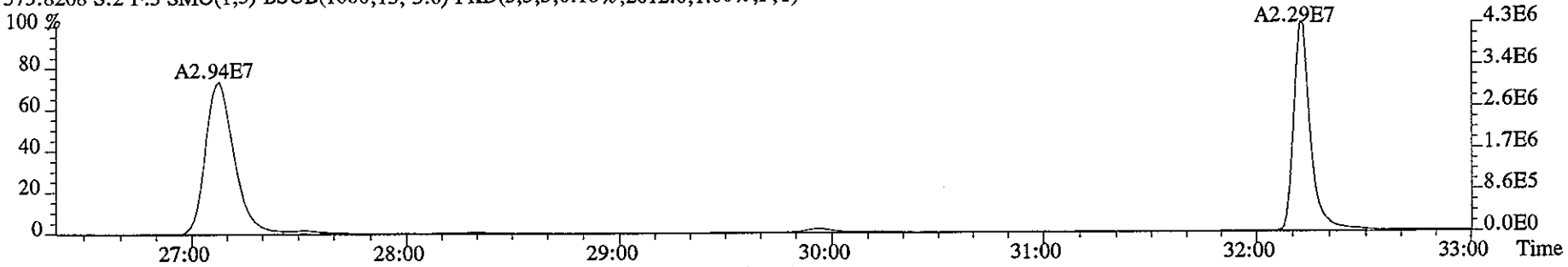


369.8919 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2184.0,1.00%,F,T)

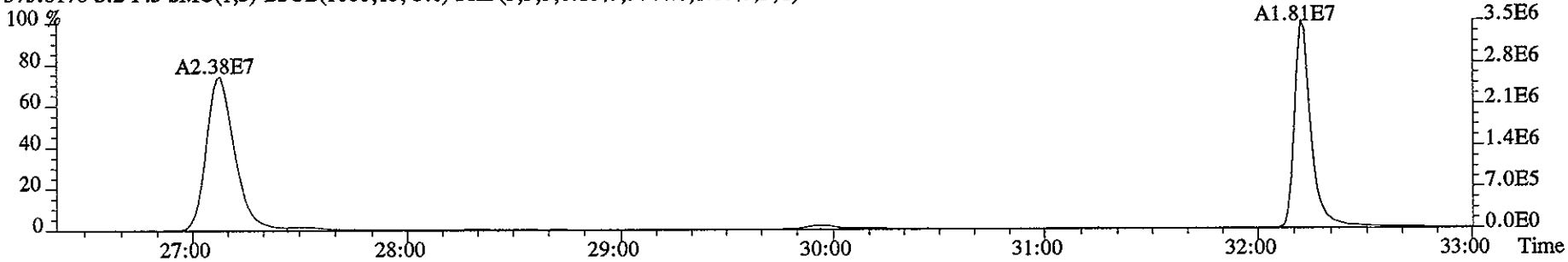


File:09JA068D5 #1-446 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

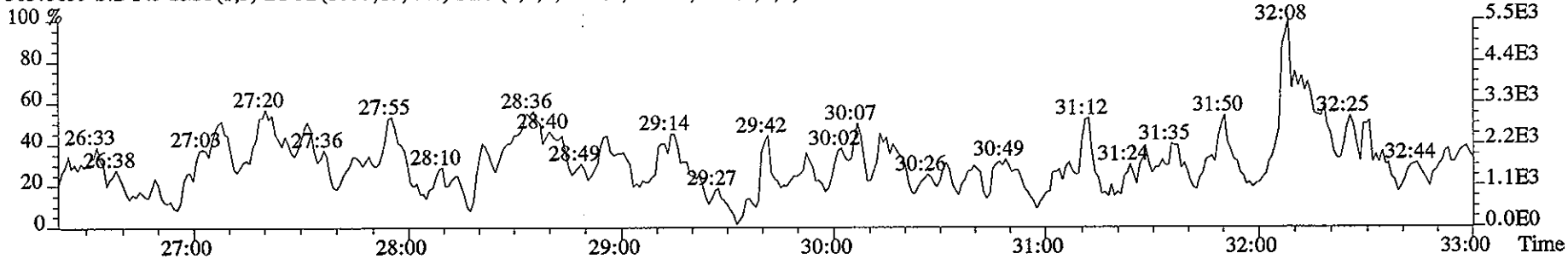
373.8208 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2612.0,1.00%,F,T)



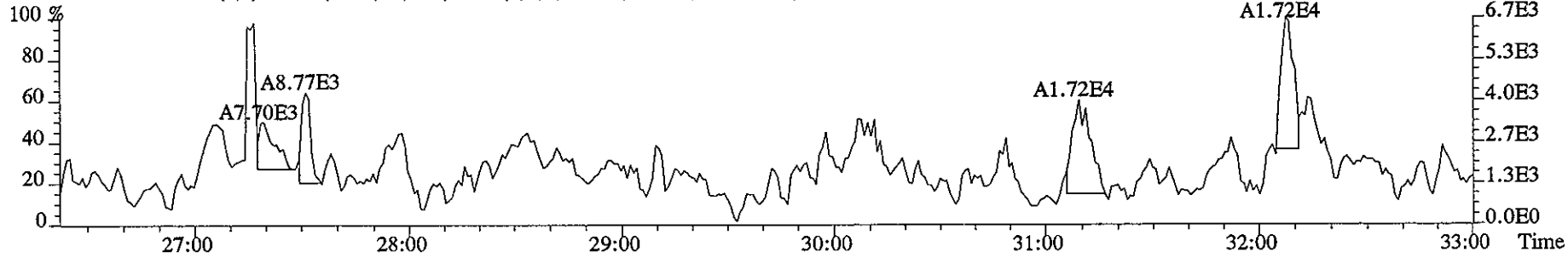
375.8178 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3044.0,1.00%,F,T)



383.8639 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2056.0,1.00%,F,T)

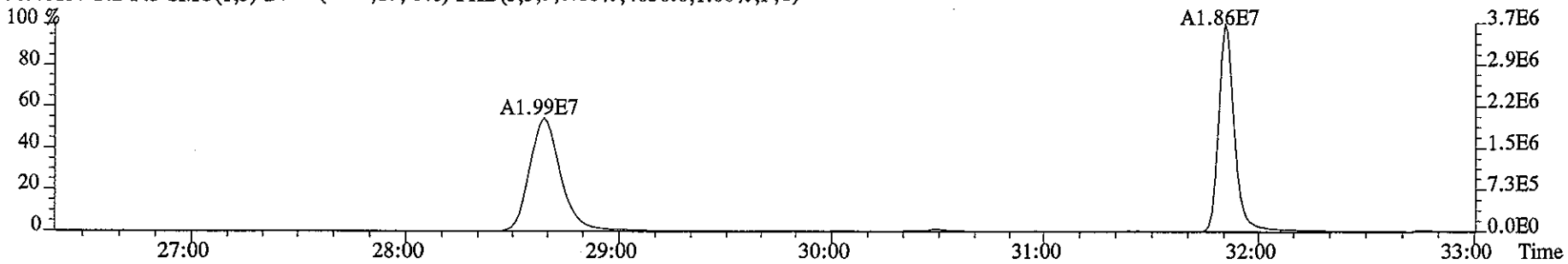


385.8610 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2076.0,1.00%,F,T)

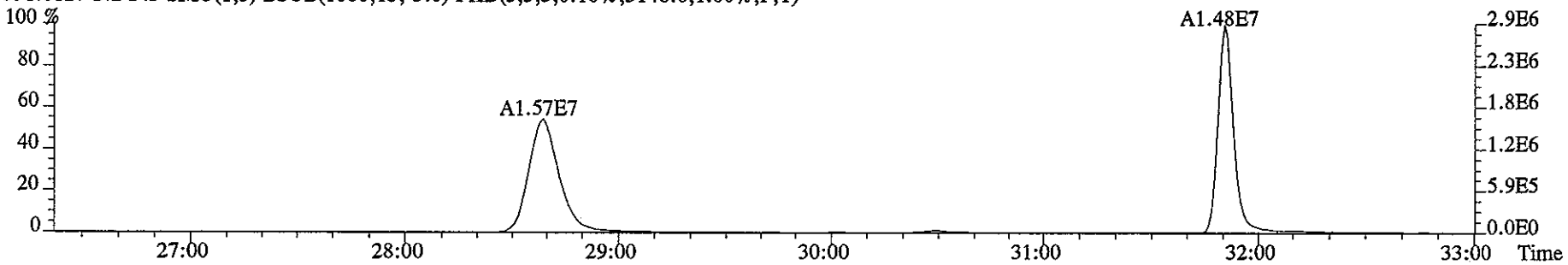


File:09JA068D5 #1-446 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

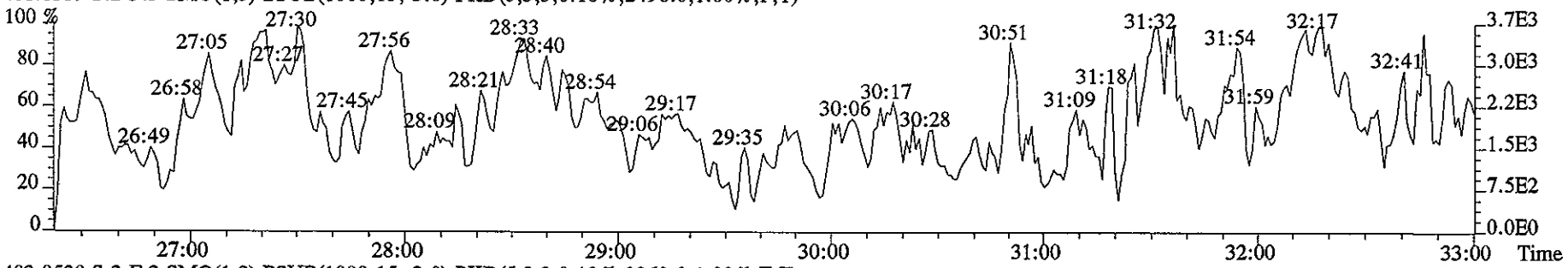
389.8157 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4656.0,1.00%,F,T)



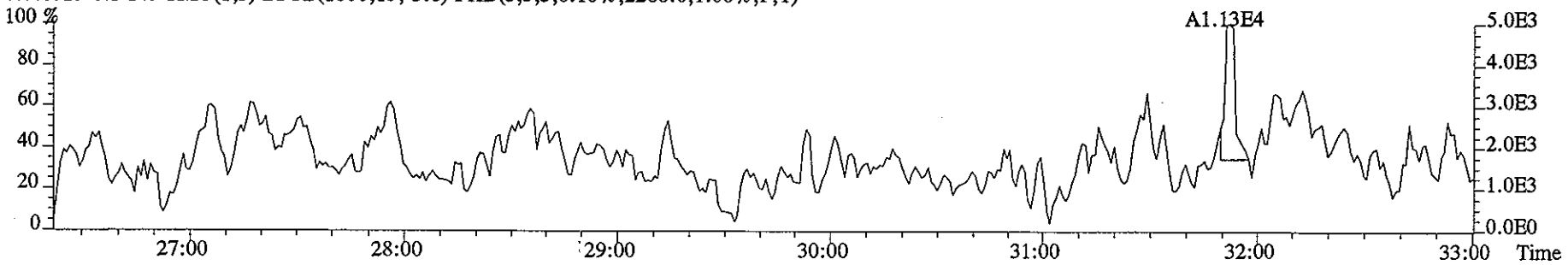
391.8127 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3148.0,1.00%,F,T)



401.8559 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2496.0,1.00%,F,T)

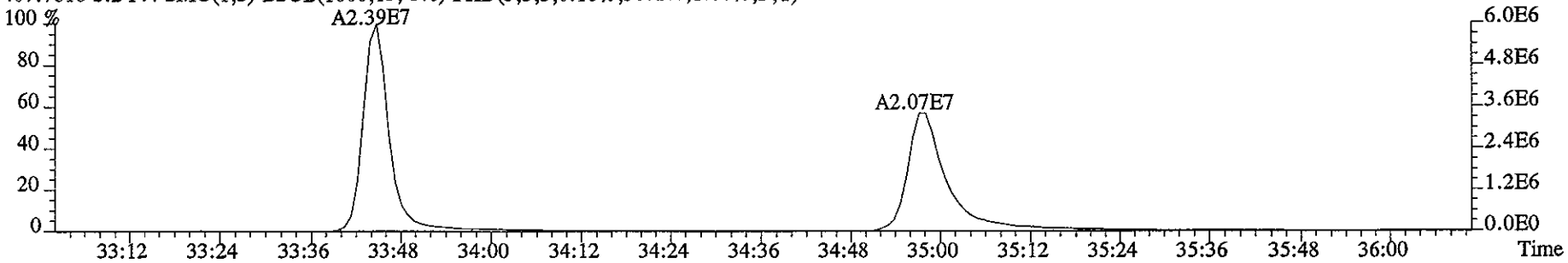


403.8529 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2260.0,1.00%,F,T)

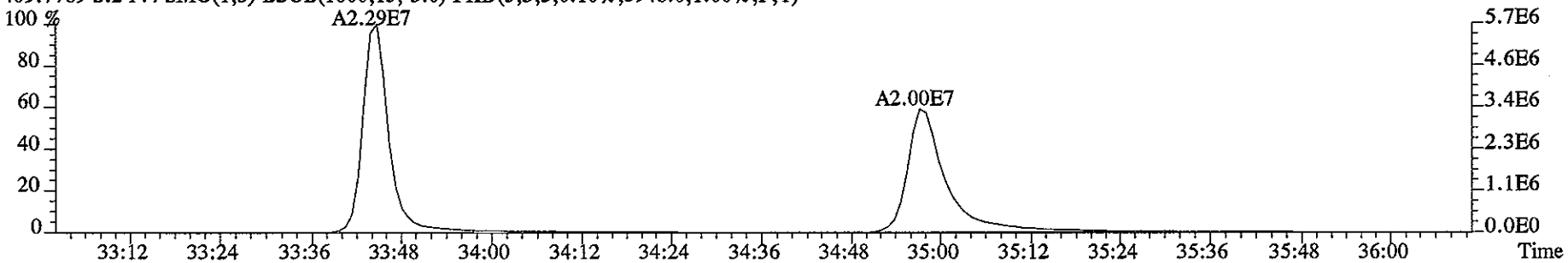


File:09JA068D5 #1-222 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

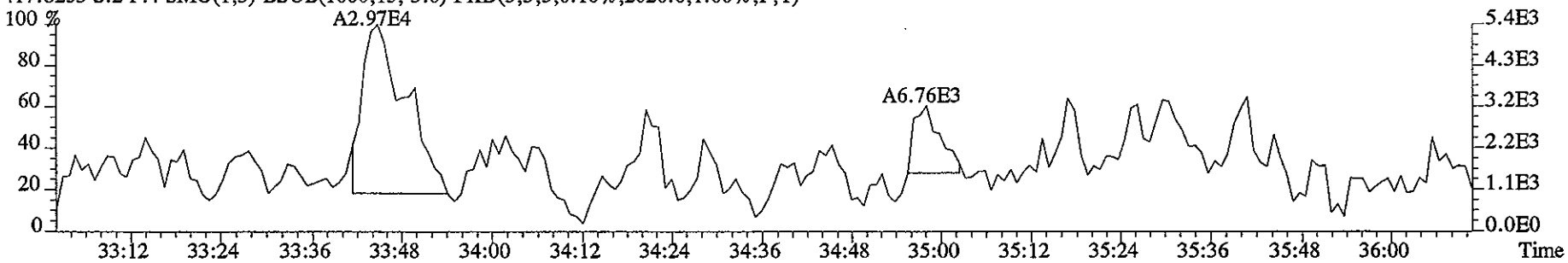
407.7818 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3072.0,1.00%,F,T)



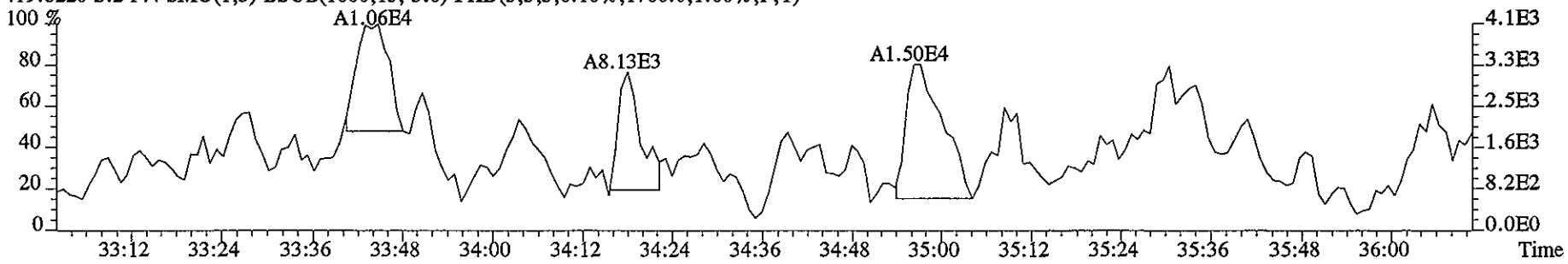
409.7789 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5948.0,1.00%,F,T)



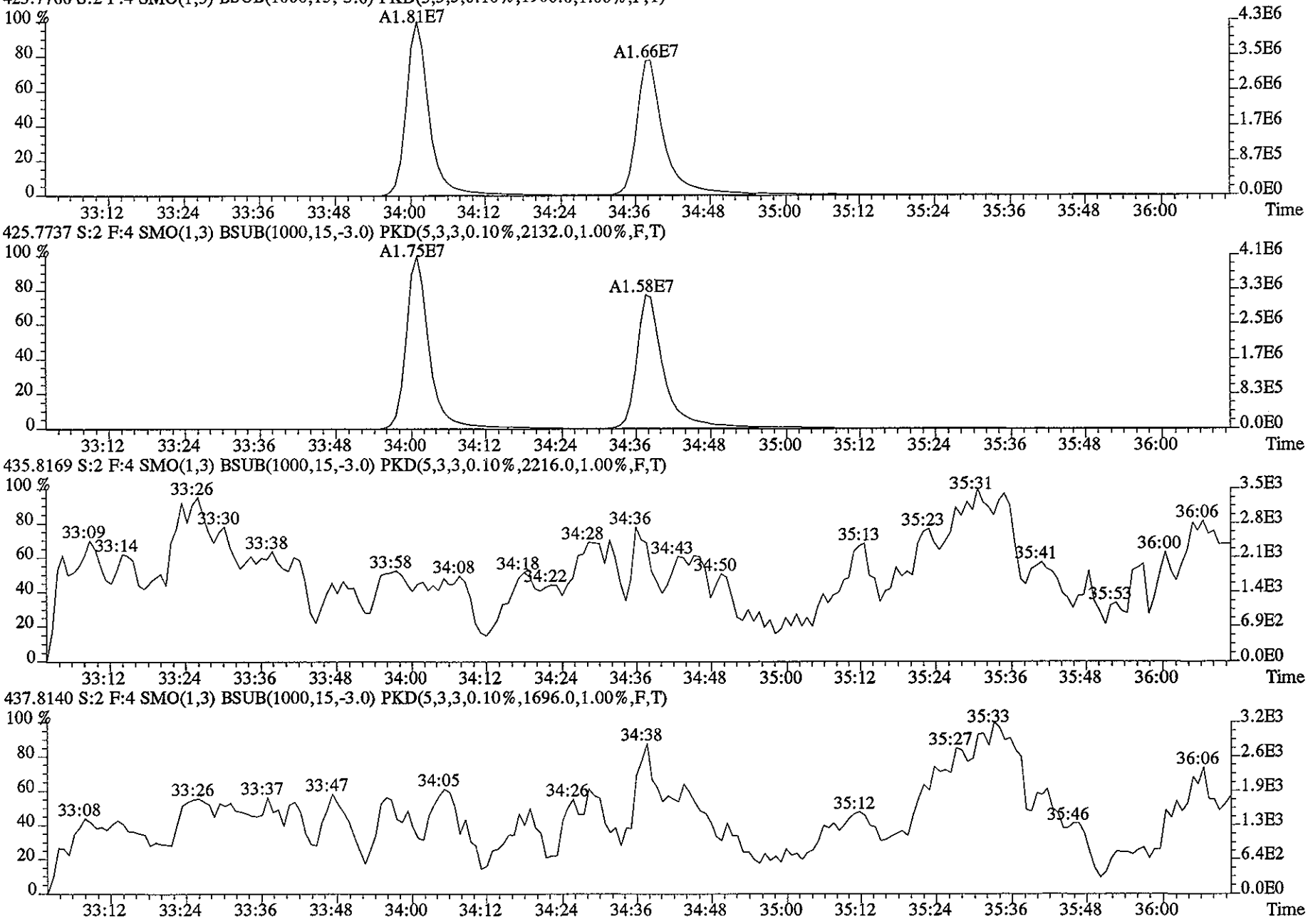
417.8253 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2020.0,1.00%,F,T)



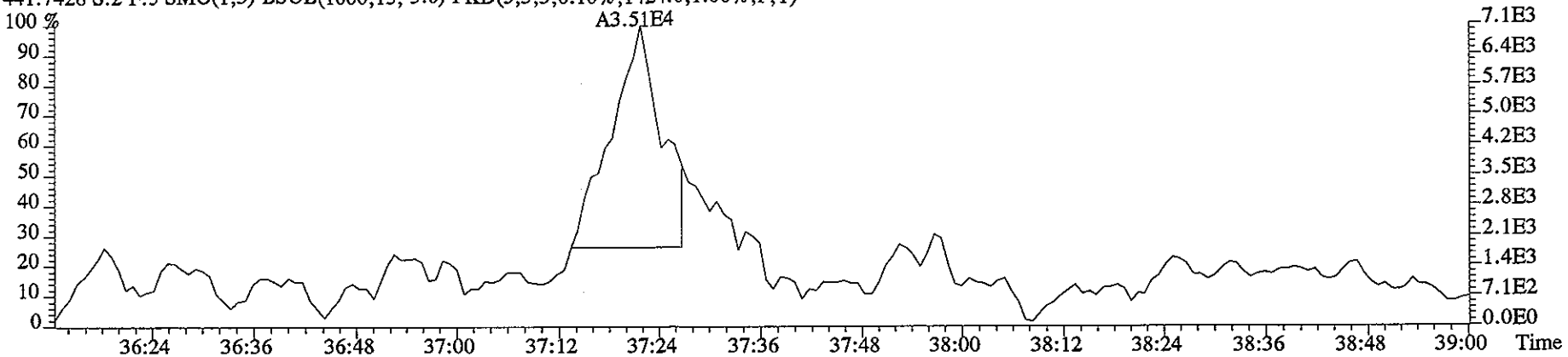
419.8220 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1760.0,1.00%,F,T)



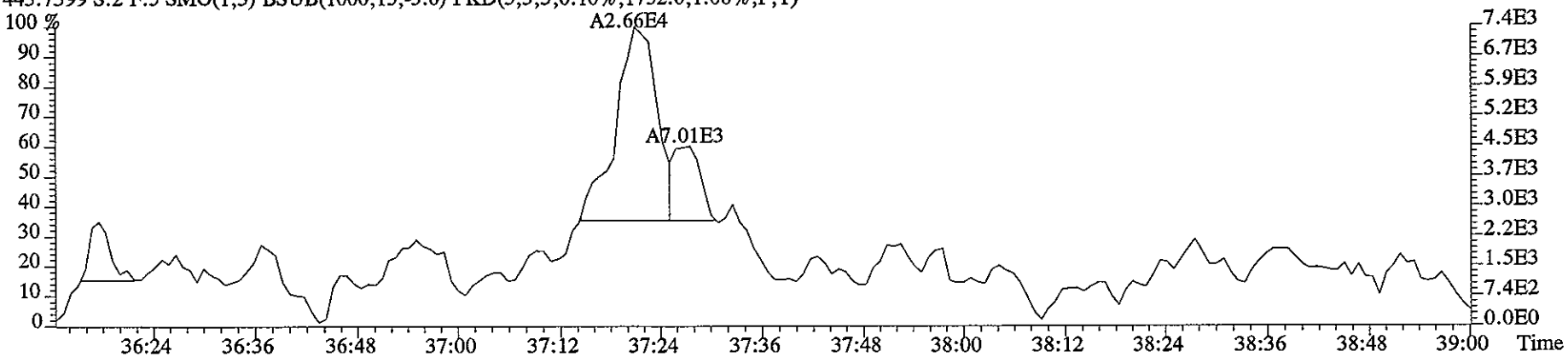
File:09JA068D5 #1-222 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN



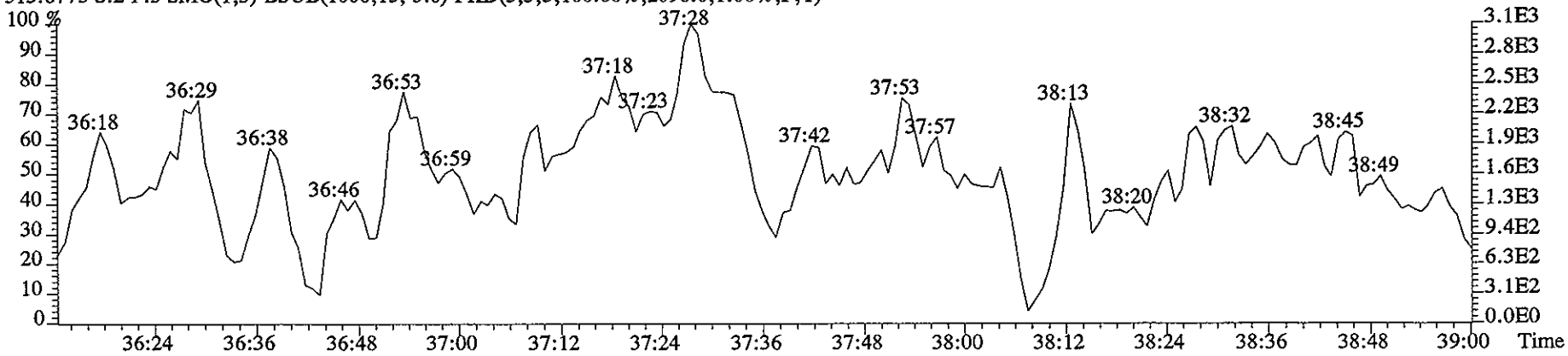
File:09JA068D5 #1-202 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN
441.7428 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1424.0,1.00%,F,T)



443.7399 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1752.0,1.00%,F,T)

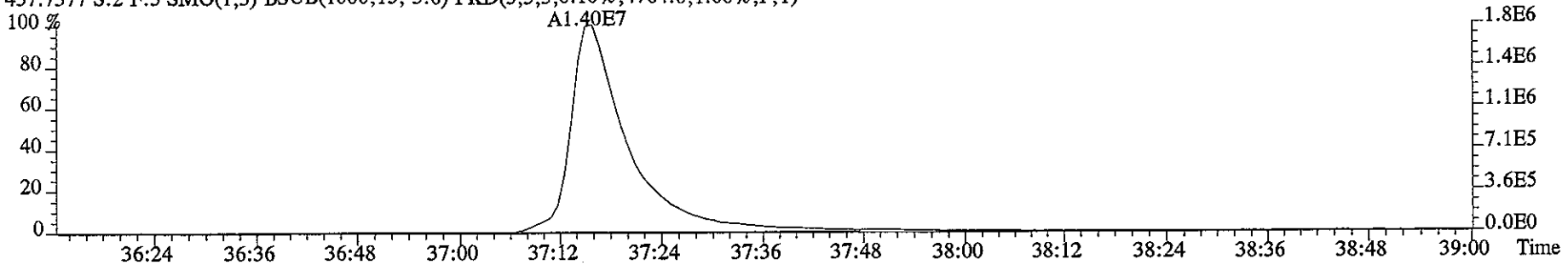


513.6775 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2096.0,1.00%,F,T)

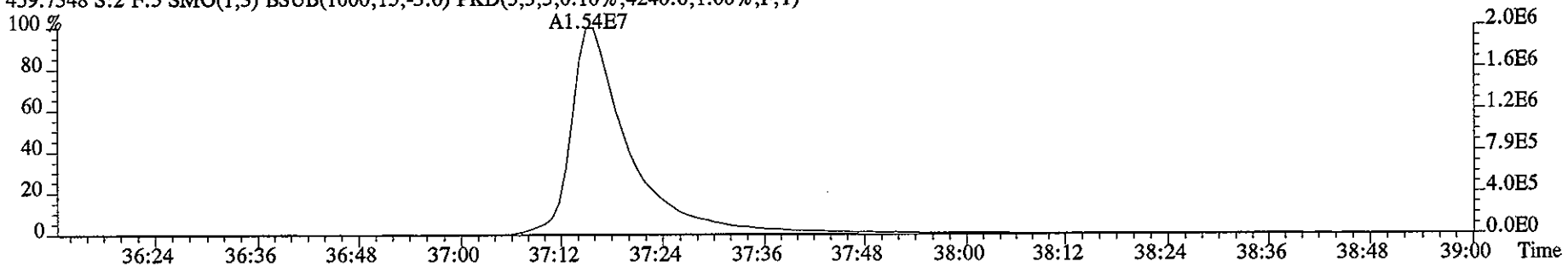


File:09JA068D5 #1-202 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

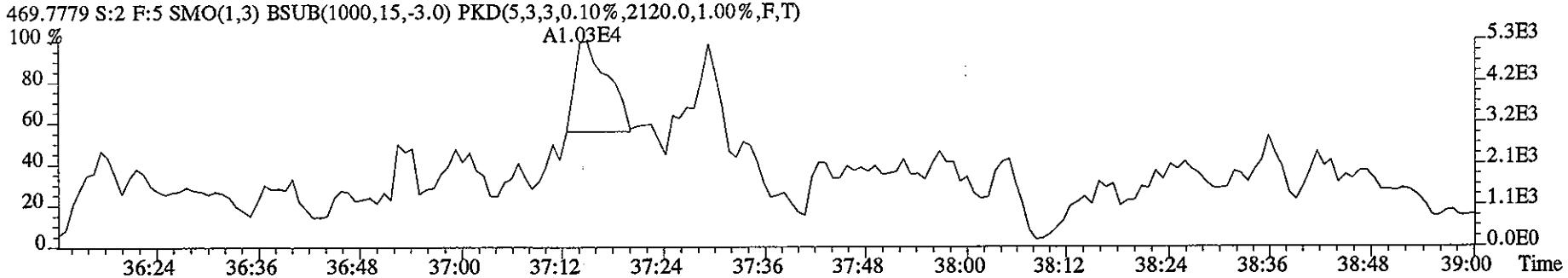
457.7377 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4764.0,1.00%,F,T)



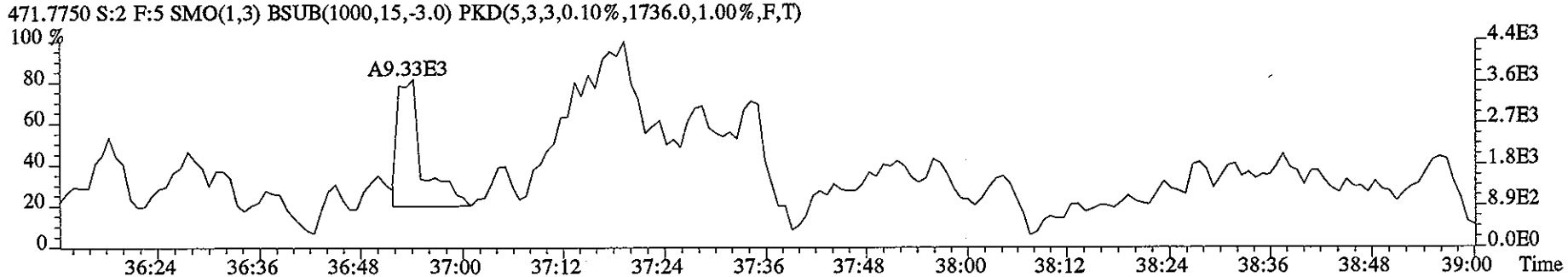
459.7348 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4240.0,1.00%,F,T)



469.7779 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2120.0,1.00%,F,T)

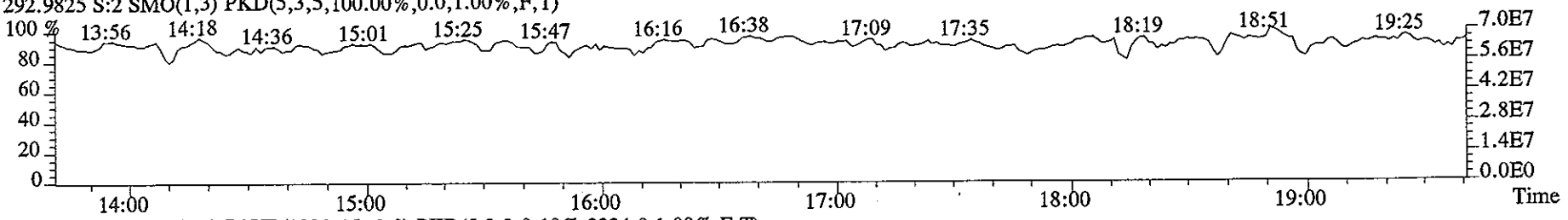


471.7750 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1736.0,1.00%,F,T)

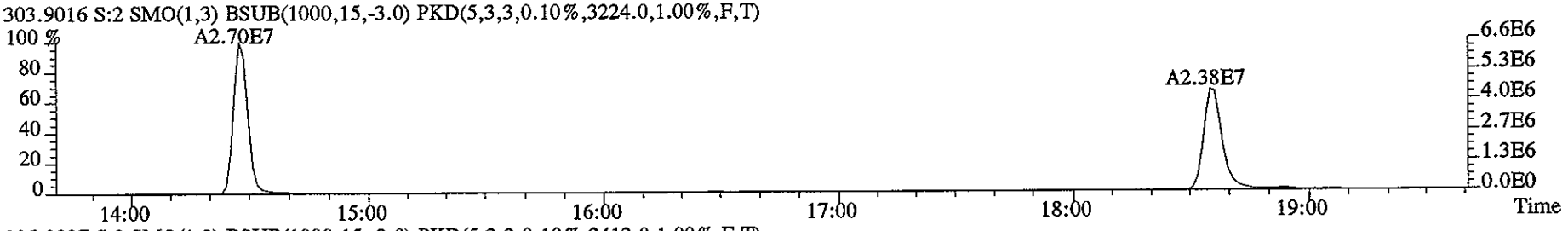


File:09JA068D5 #1-326 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

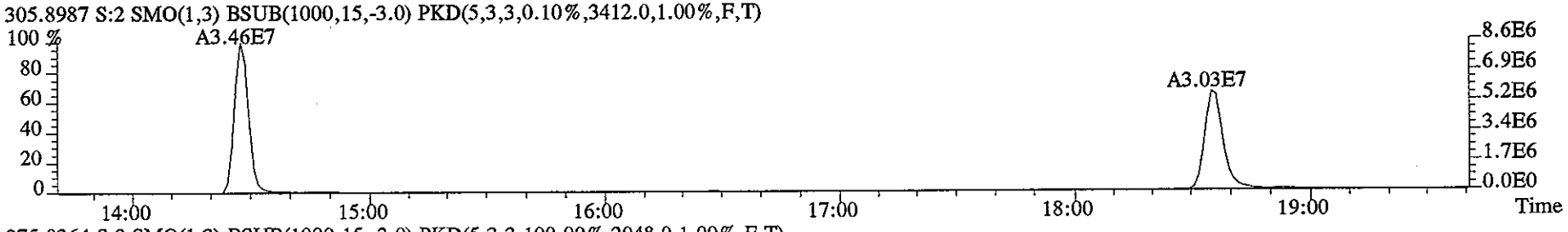
292.9825 S:2 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



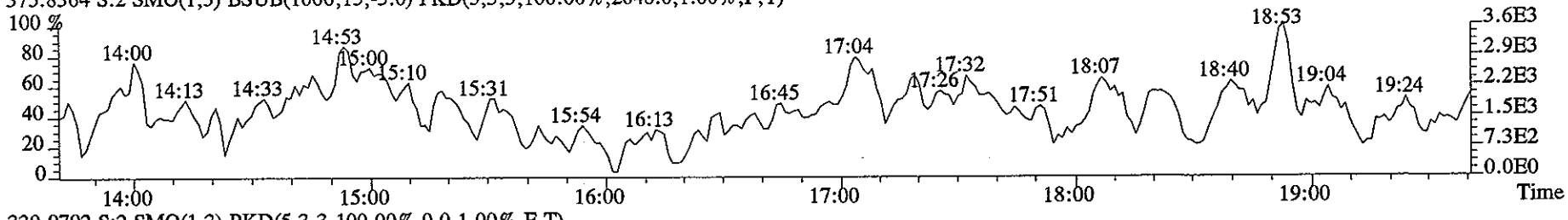
303.9016 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3224.0,1.00%,F,T)



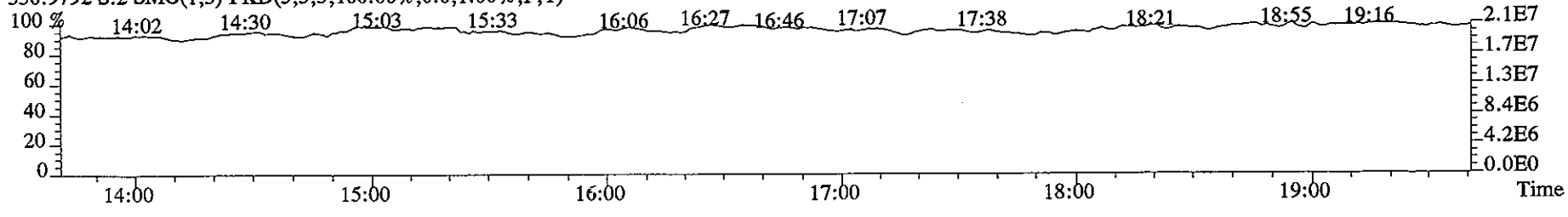
305.8987 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3412.0,1.00%,F,T)



375.8364 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2048.0,1.00%,F,T)

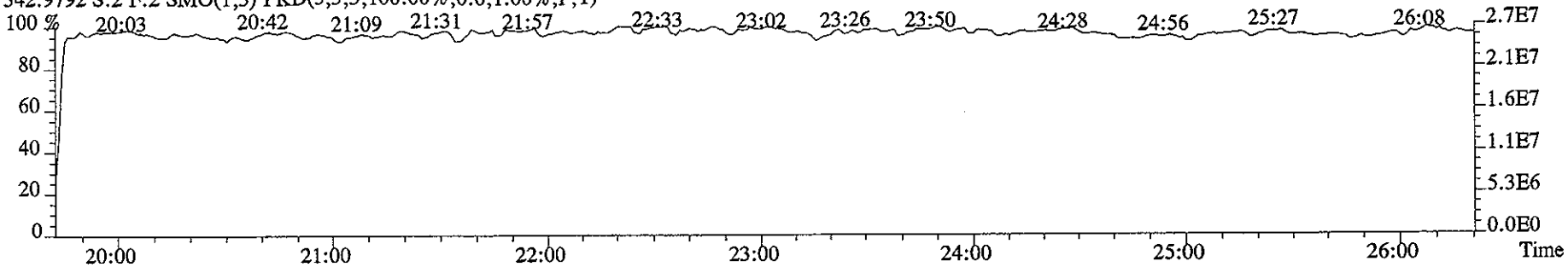


330.9792 S:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

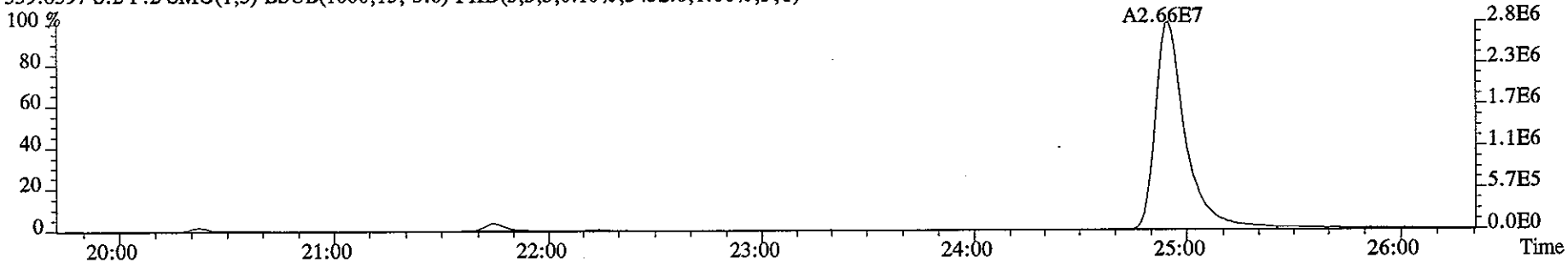


File:09JA068D5 #1-467 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

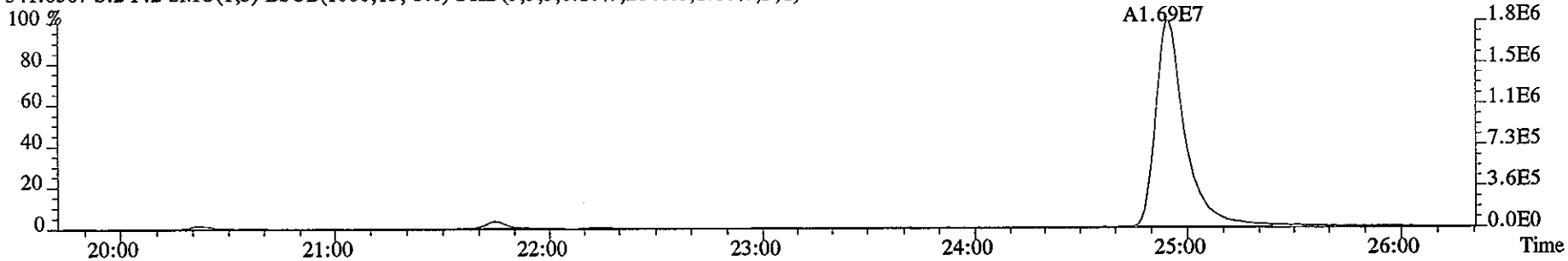
342.9792 S:2 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



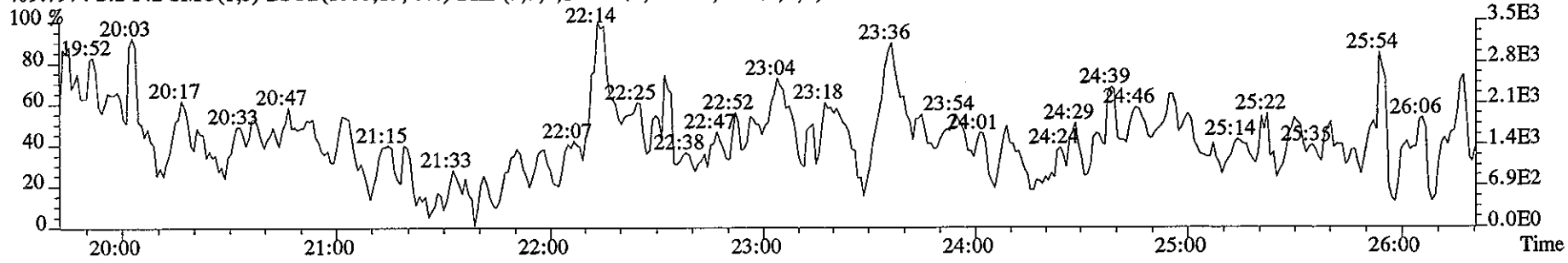
339.8597 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3432.0,1.00%,F,T)



341.8567 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2848.0,1.00%,F,T)

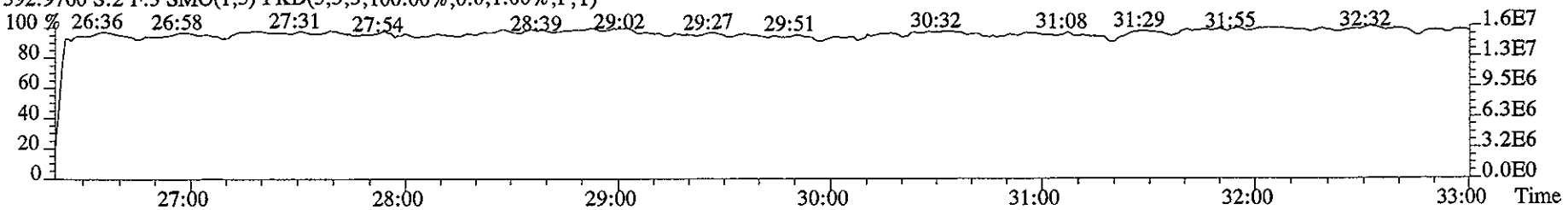


409.7974 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1848.0,1.00%,F,T)

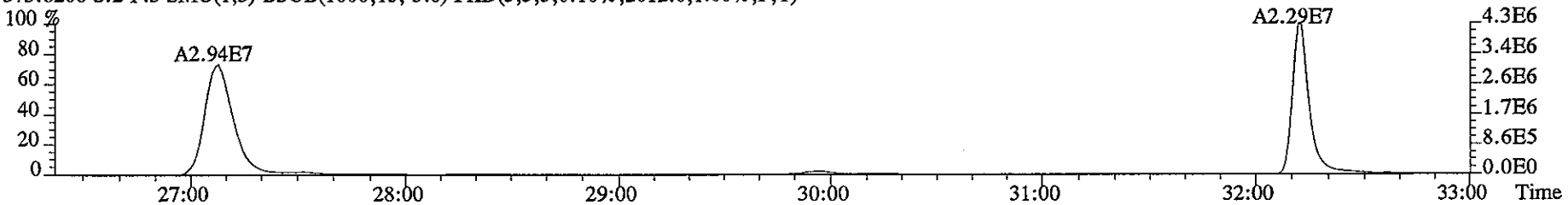


File:09JA068D5 #1-446 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

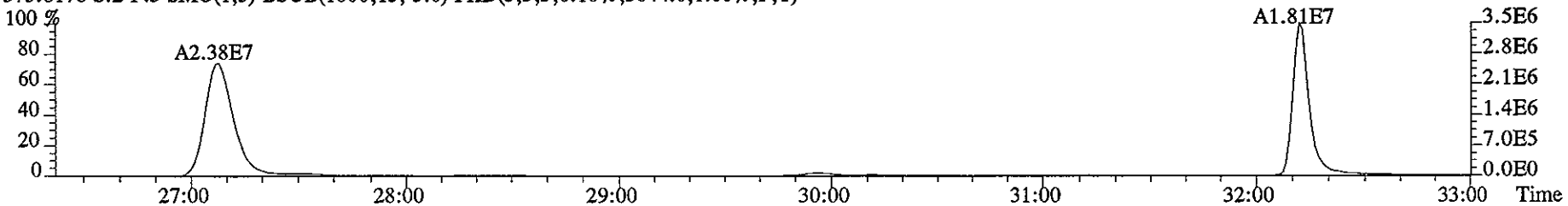
392.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



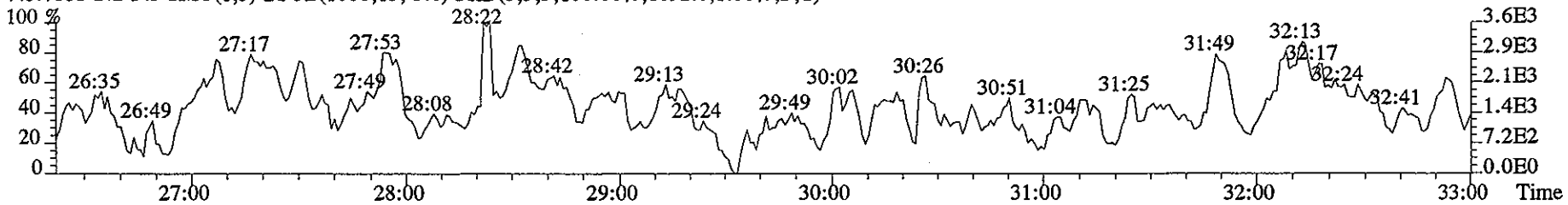
373.8208 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2612.0,1.00%,F,T)



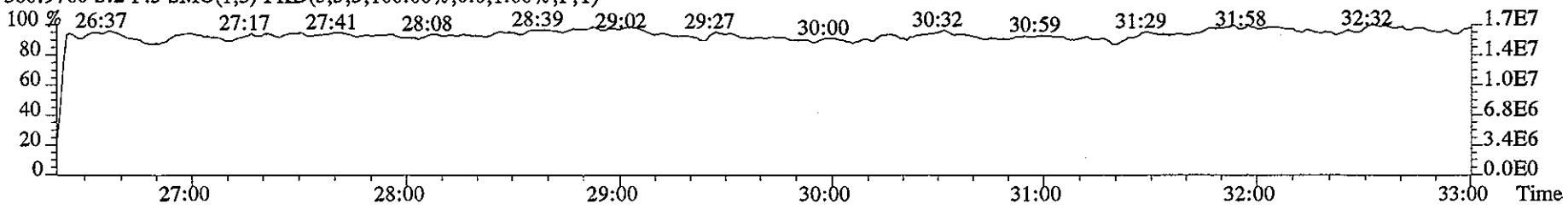
375.8178 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3044.0,1.00%,F,T)



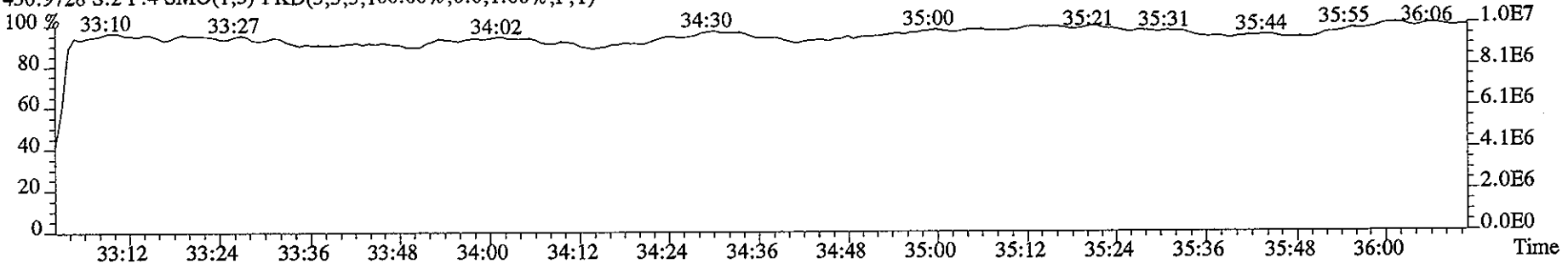
445.7555 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1892.0,1.00%,F,T)

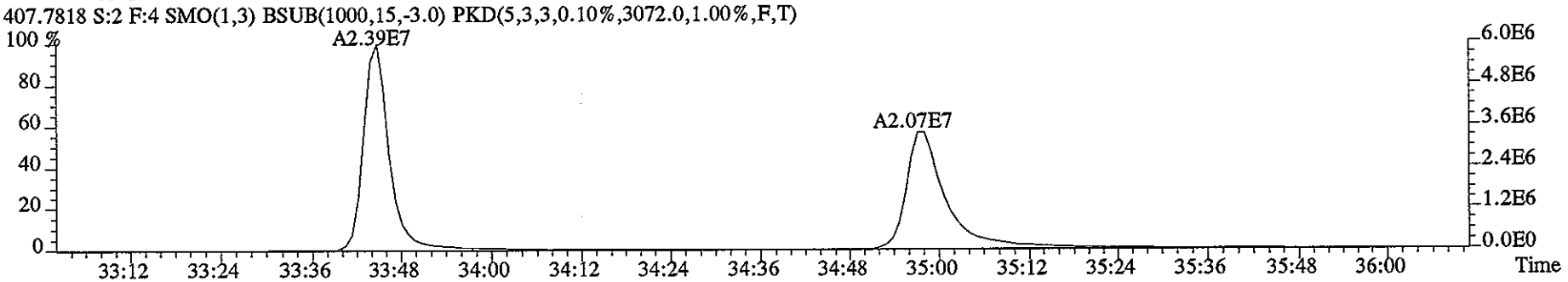


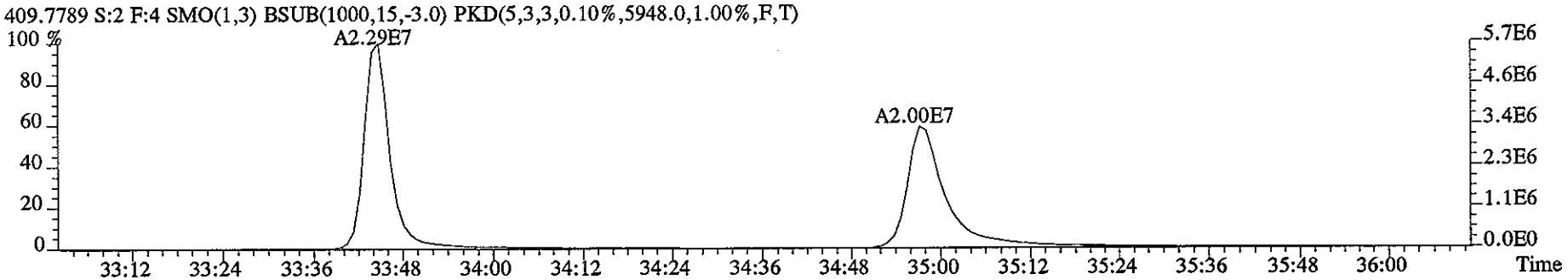
380.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

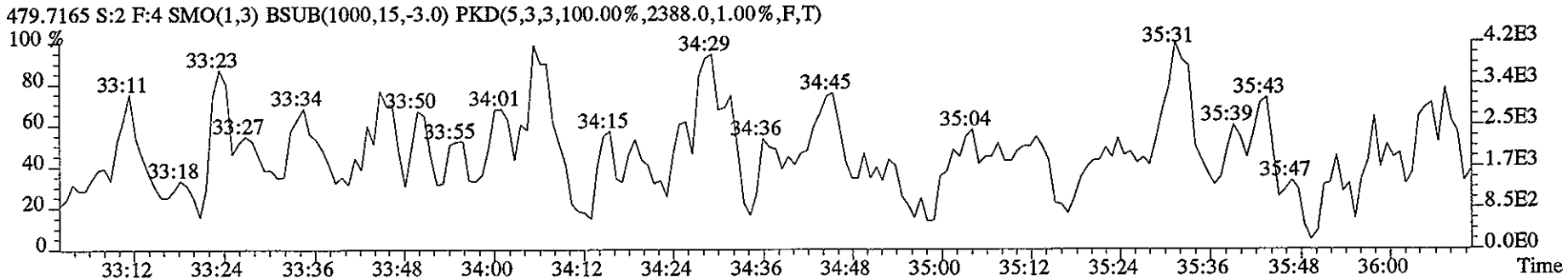


File:09JA068D5 #1-222 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

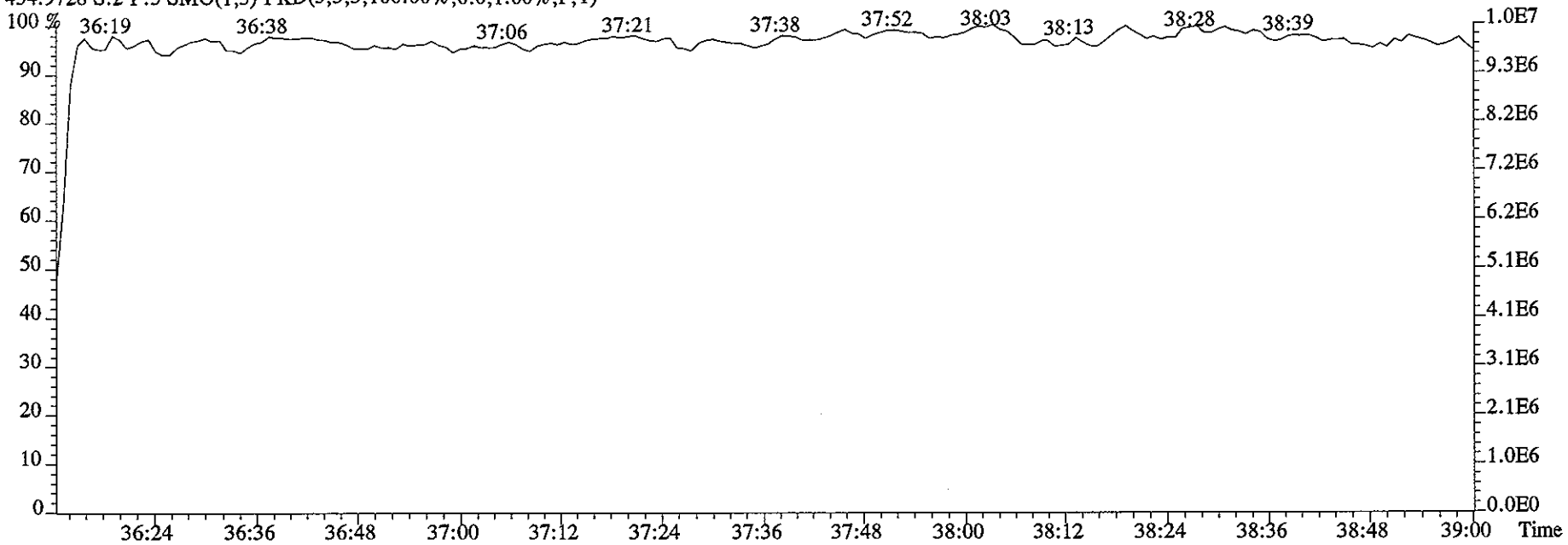




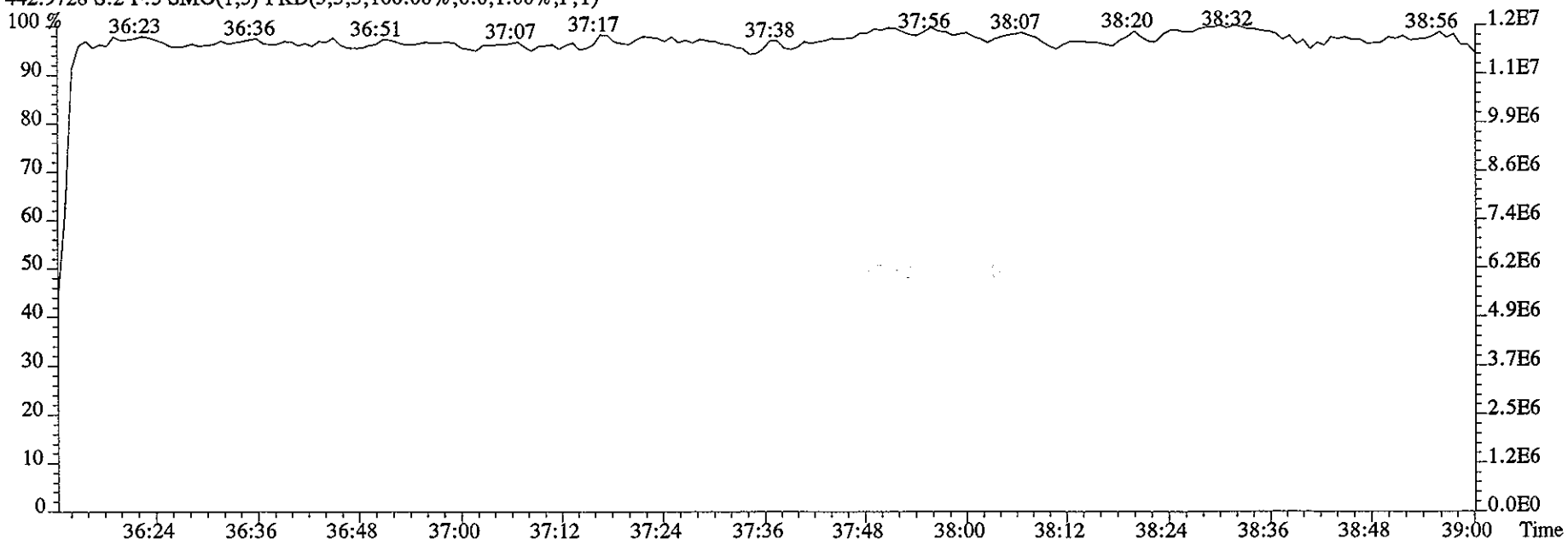




File:09JA068D5 #1-202 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN
454.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

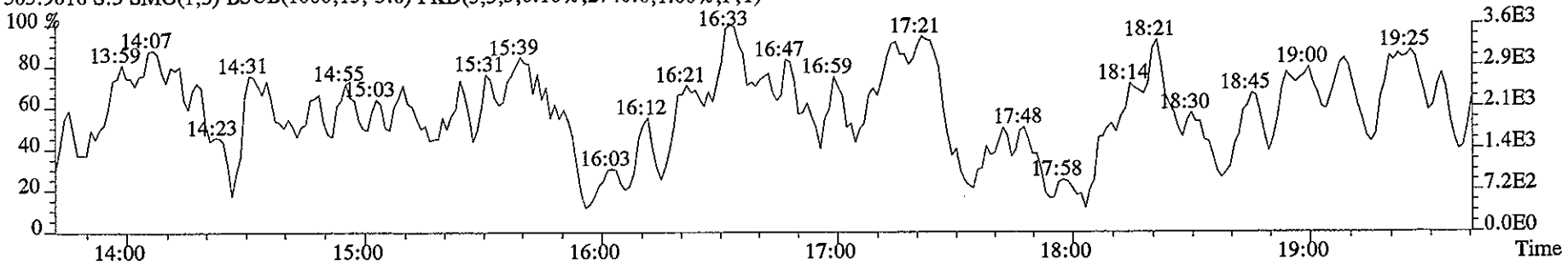


442.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

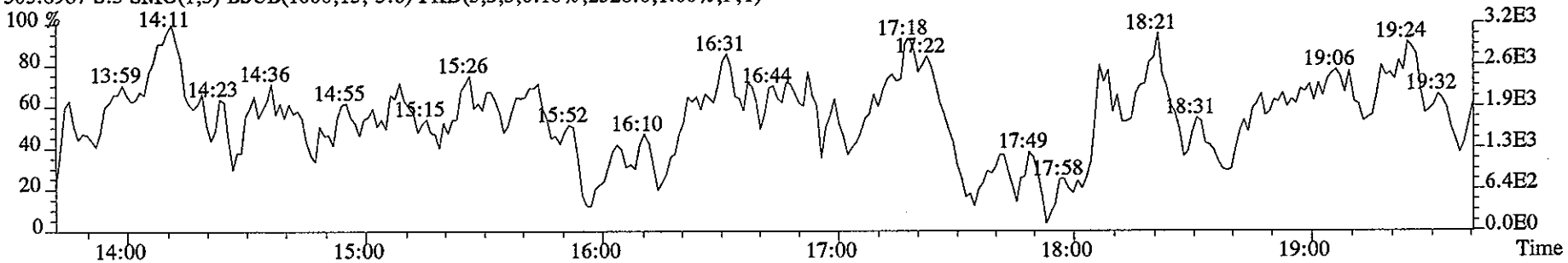


File:09JA068D5 #1-325 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

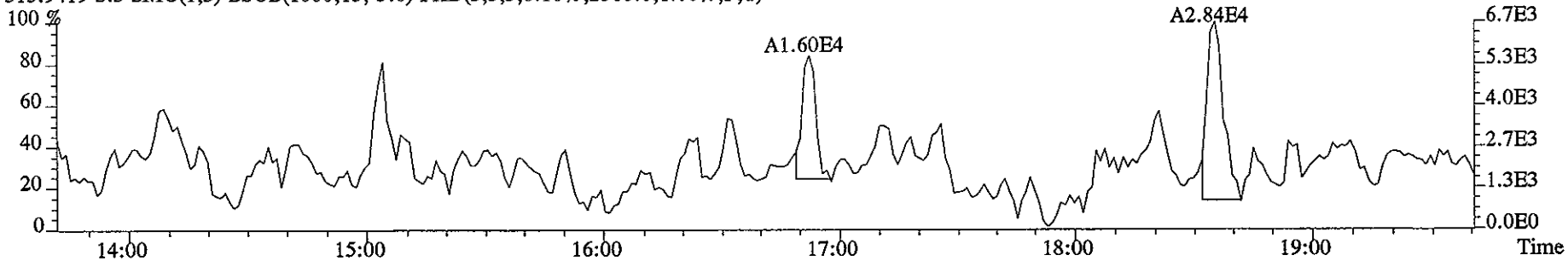
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2740.0,1.00%,F,T)



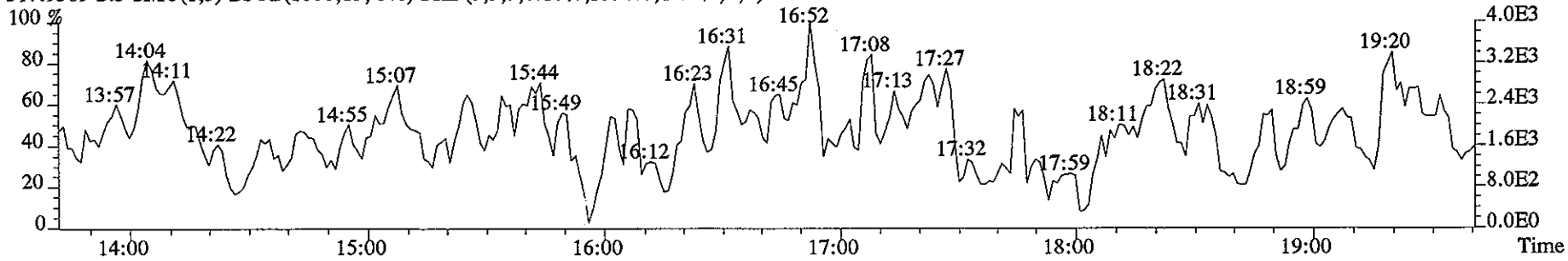
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2328.0,1.00%,F,T)



315.9419 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2568.0,1.00%,F,T)

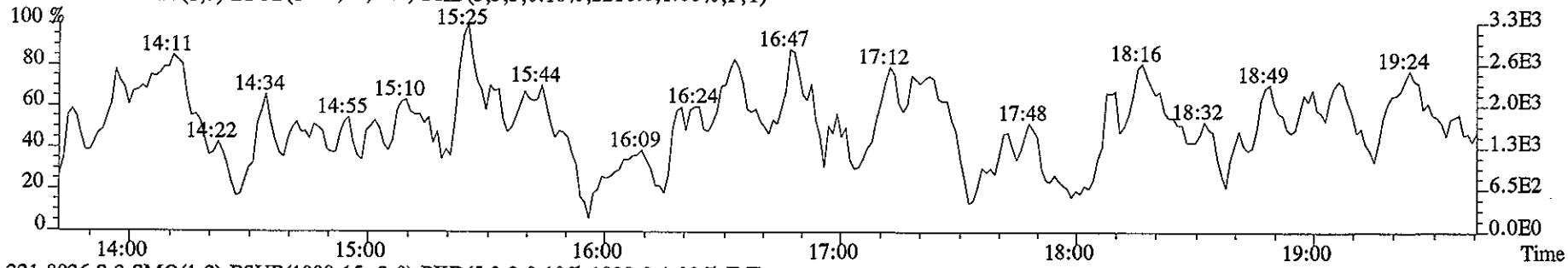


317.9389 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2396.0,1.00%,F,T)

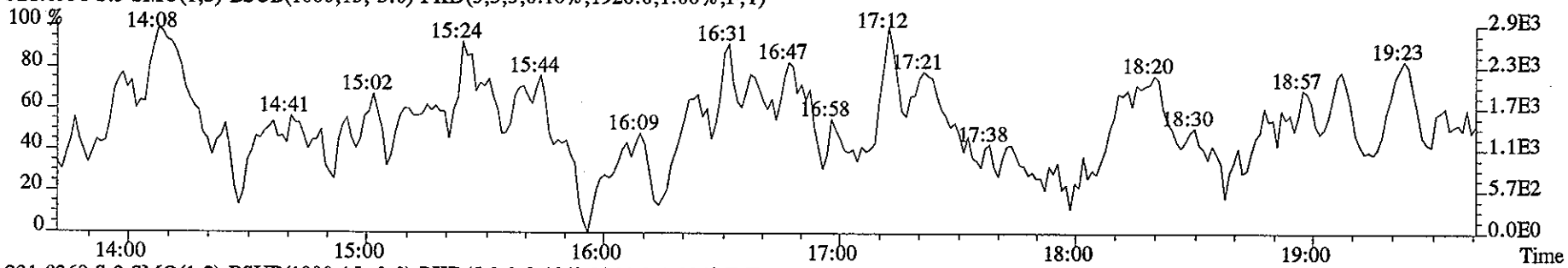


File:09JA068D5 #1-325 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

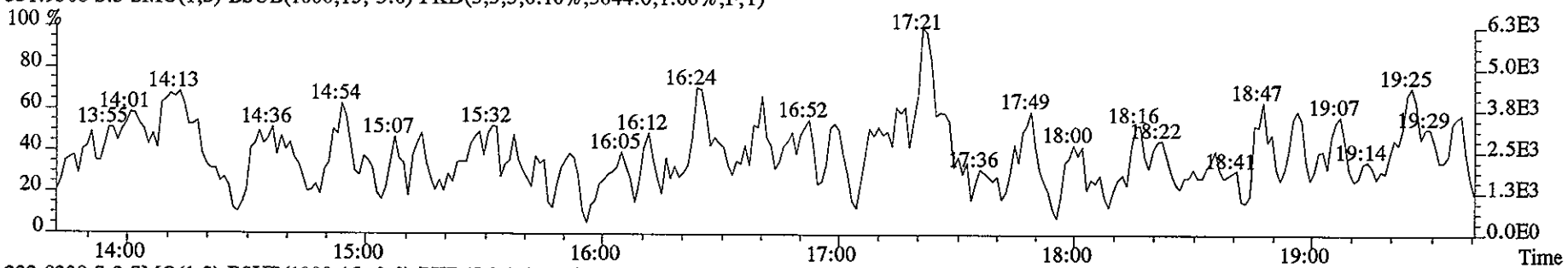
319.8965 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2216.0,1.00%,F,T)



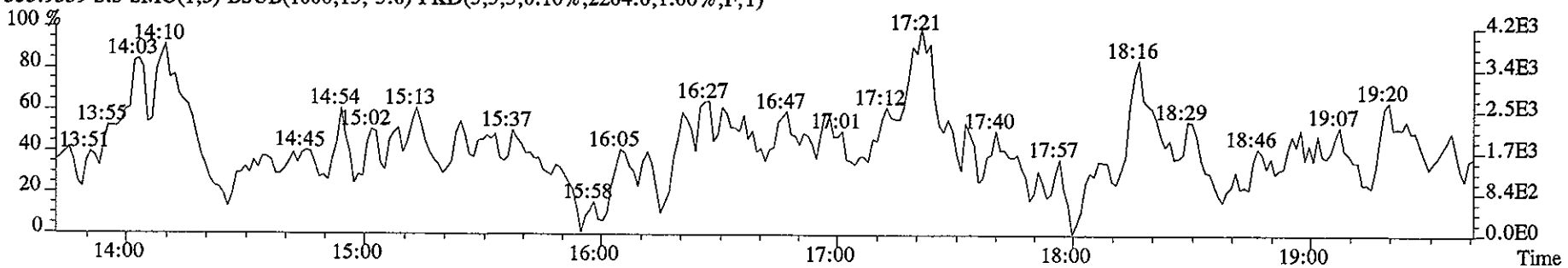
321.8936 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1920.0,1.00%,F,T)



331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3044.0,1.00%,F,T)

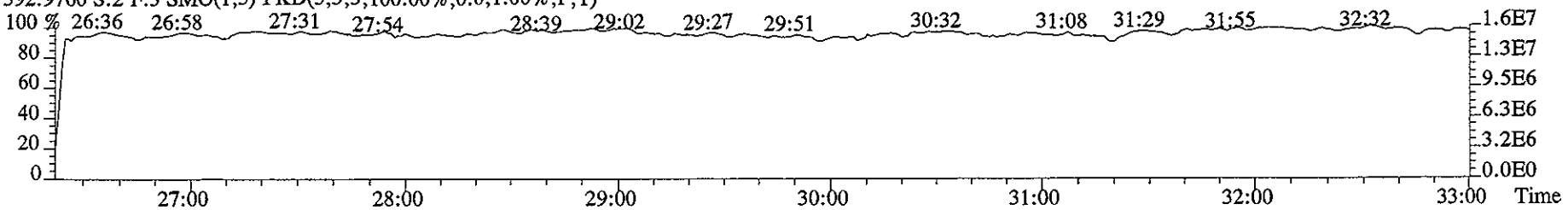


333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2204.0,1.00%,F,T)

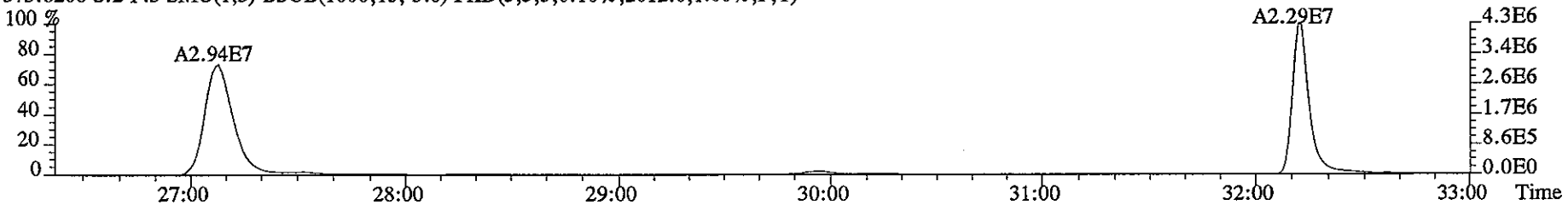


File:09JA068D5 #1-446 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

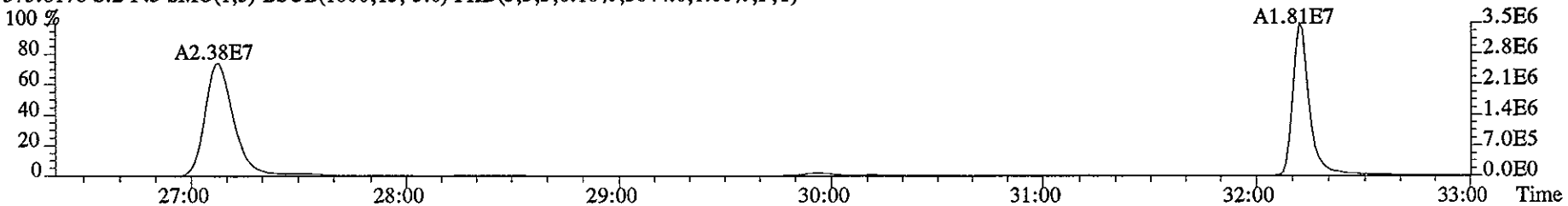
392.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



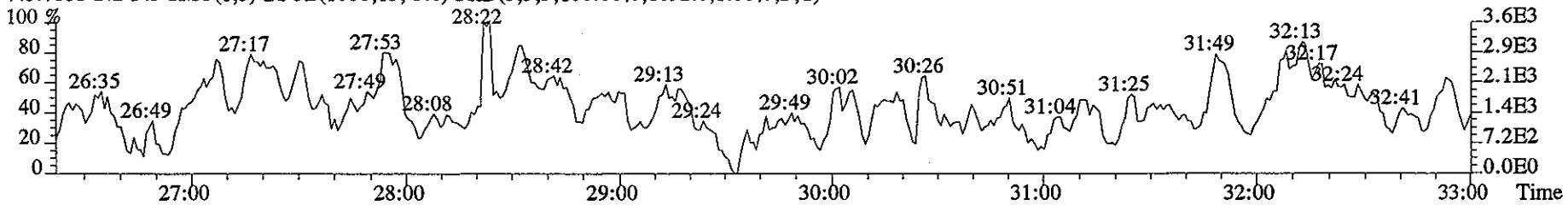
373.8208 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2612.0,1.00%,F,T)



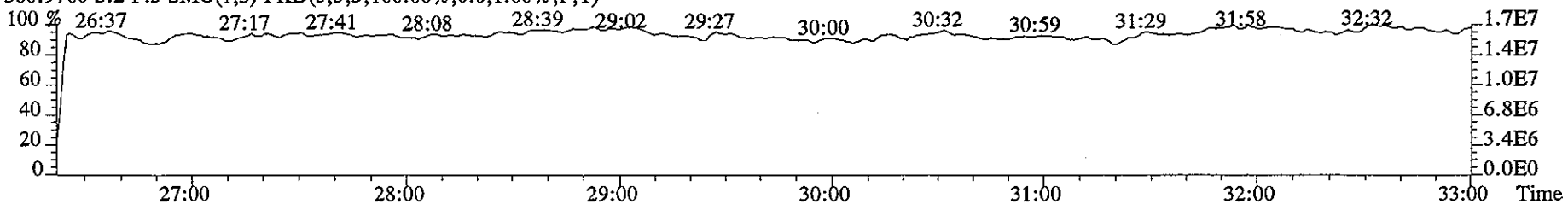
375.8178 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3044.0,1.00%,F,T)



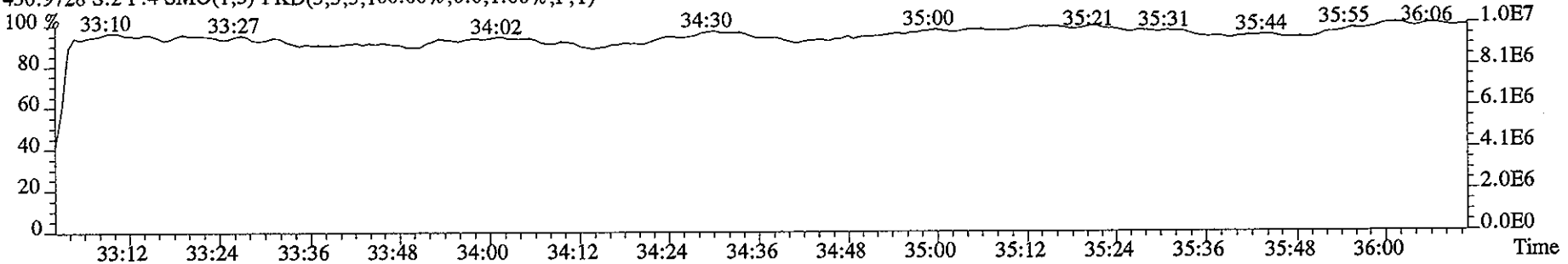
445.7555 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1892.0,1.00%,F,T)

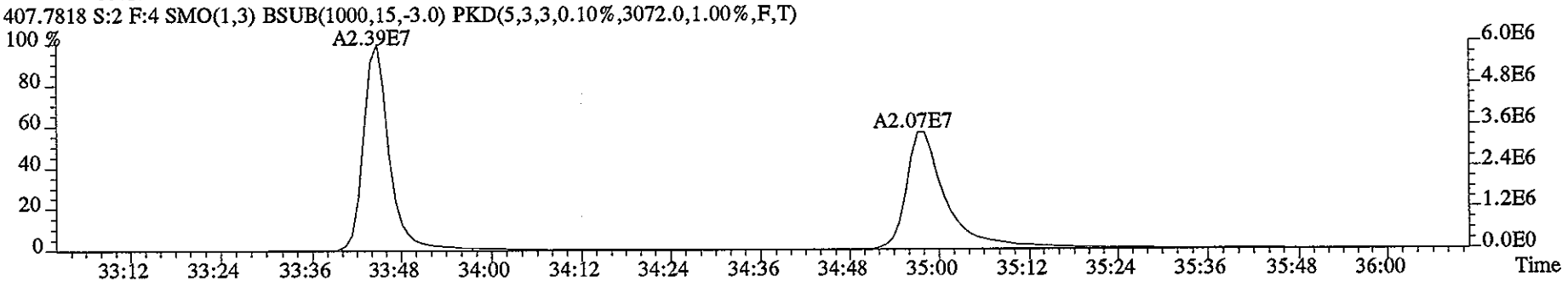


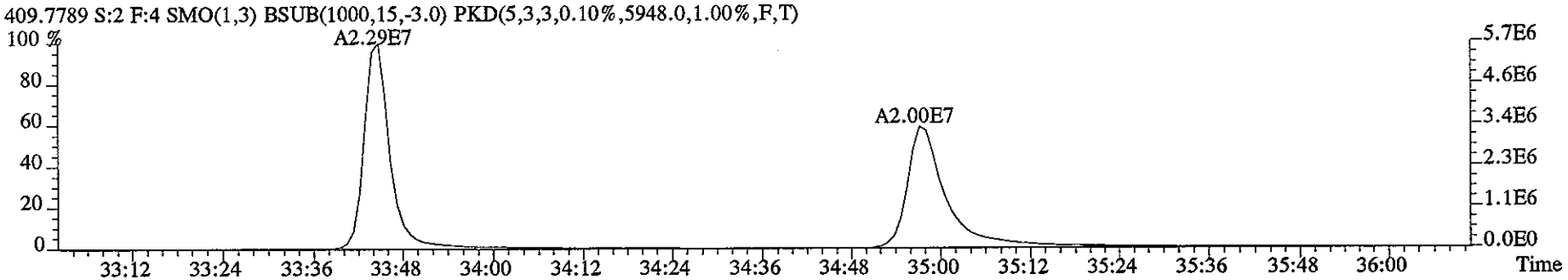
380.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

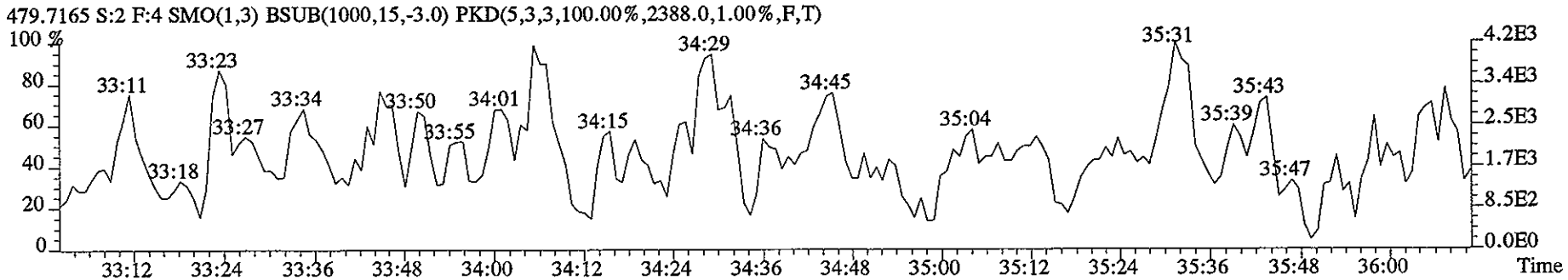


File:09JA068D5 #1-222 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

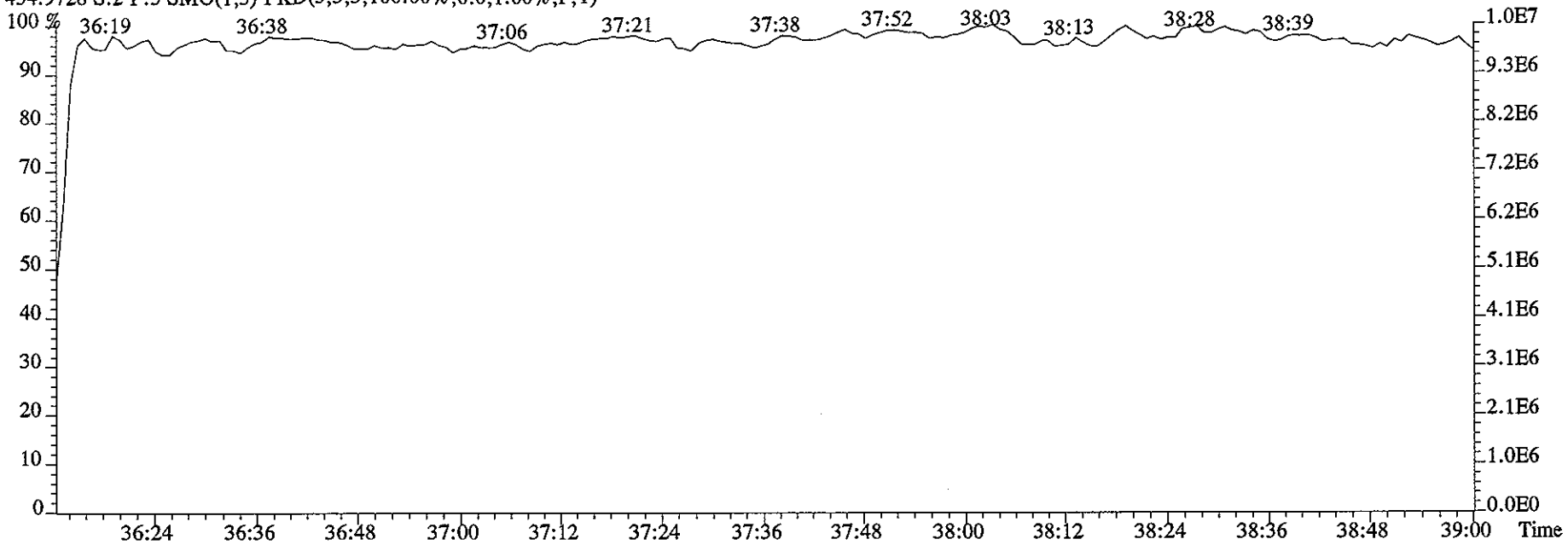




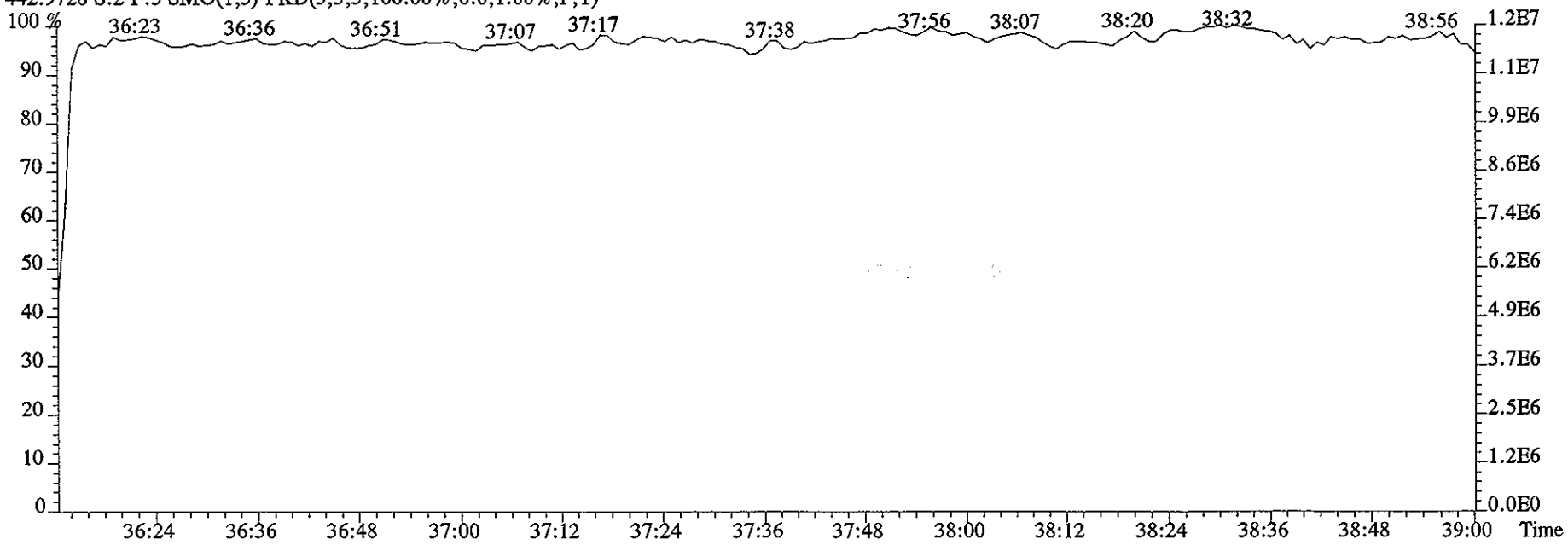




File:09JA068D5 #1-202 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN
454.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

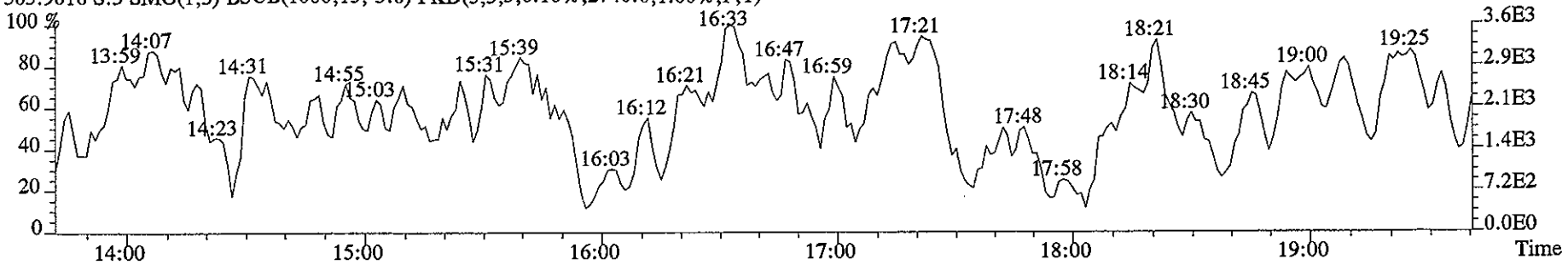


442.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

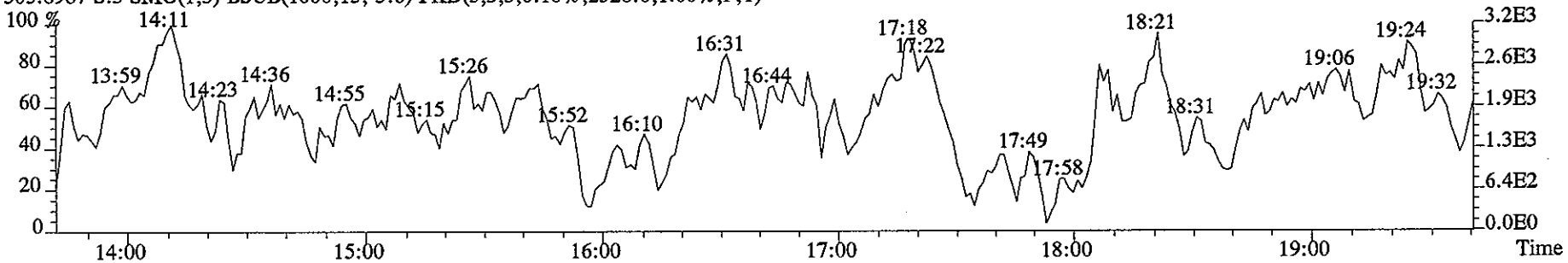


File:09JA068D5 #1-325 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

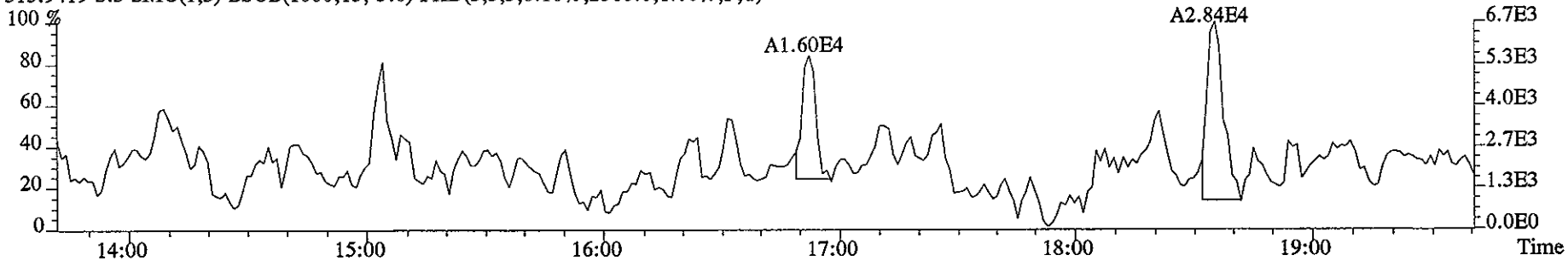
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2740.0,1.00%,F,T)



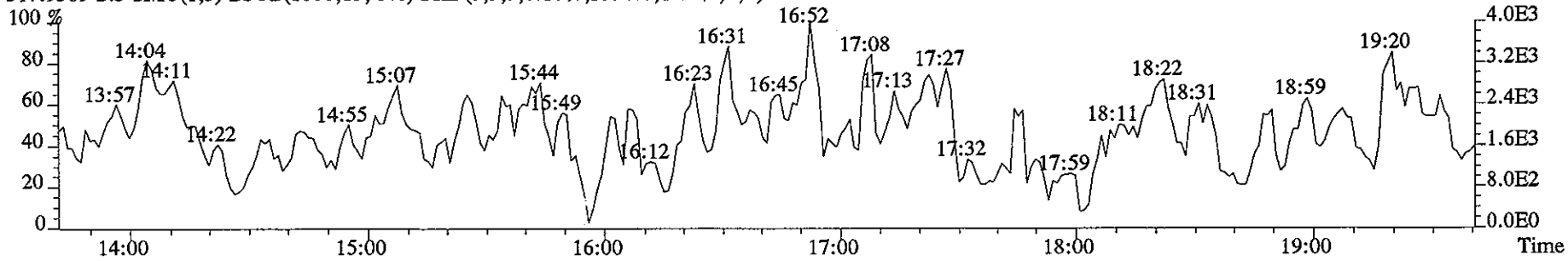
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2328.0,1.00%,F,T)



315.9419 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2568.0,1.00%,F,T)

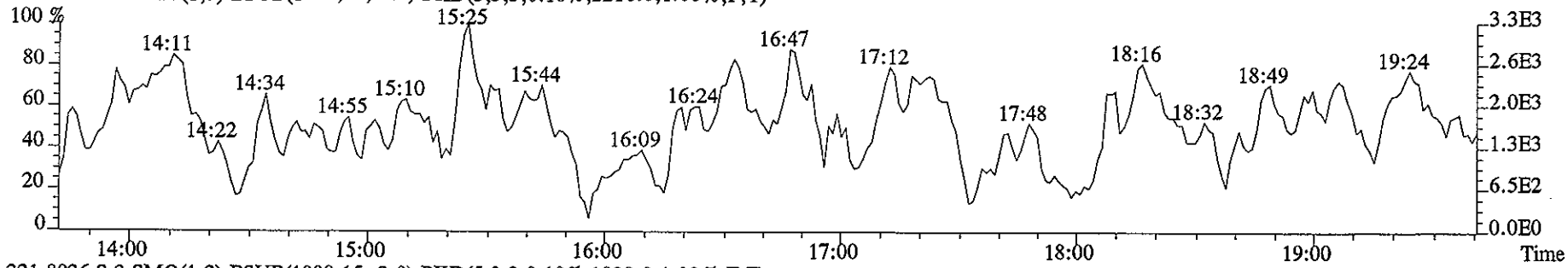


317.9389 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2396.0,1.00%,F,T)

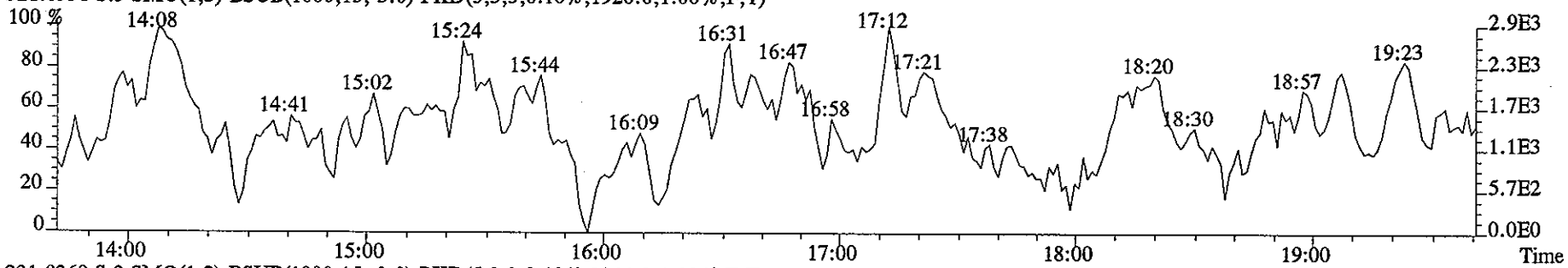


File:09JA068D5 #1-325 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

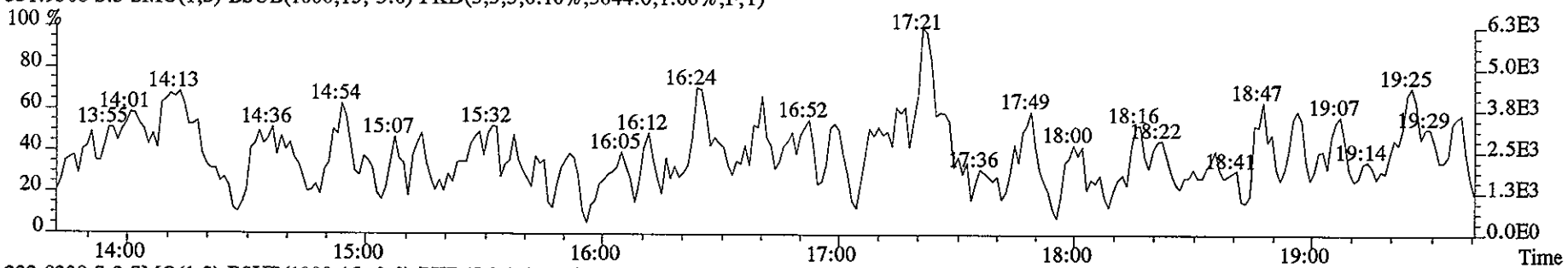
319.8965 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2216.0,1.00%,F,T)



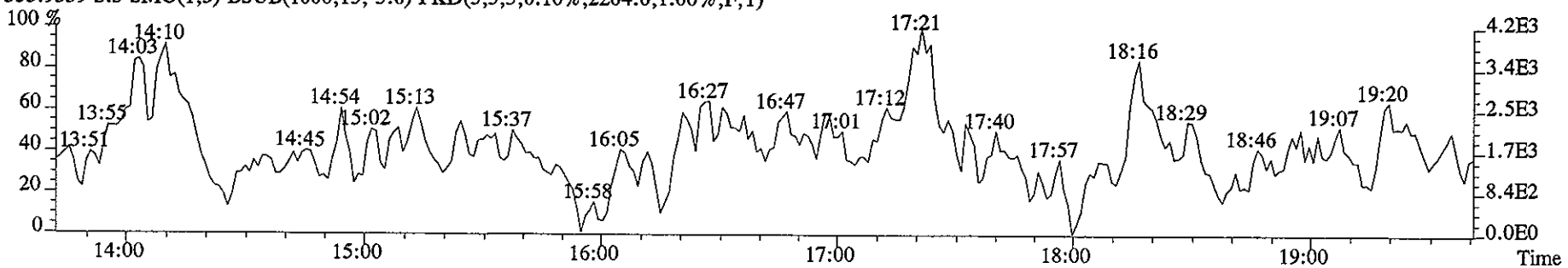
321.8936 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1920.0,1.00%,F,T)



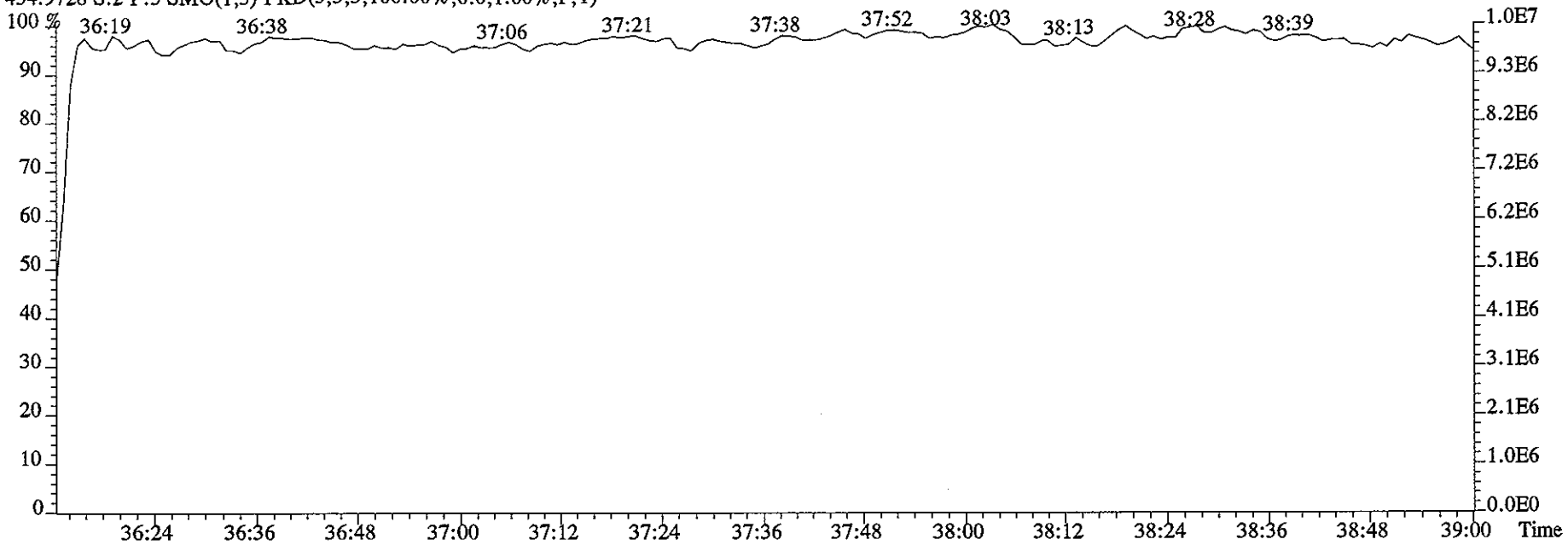
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3044.0,1.00%,F,T)



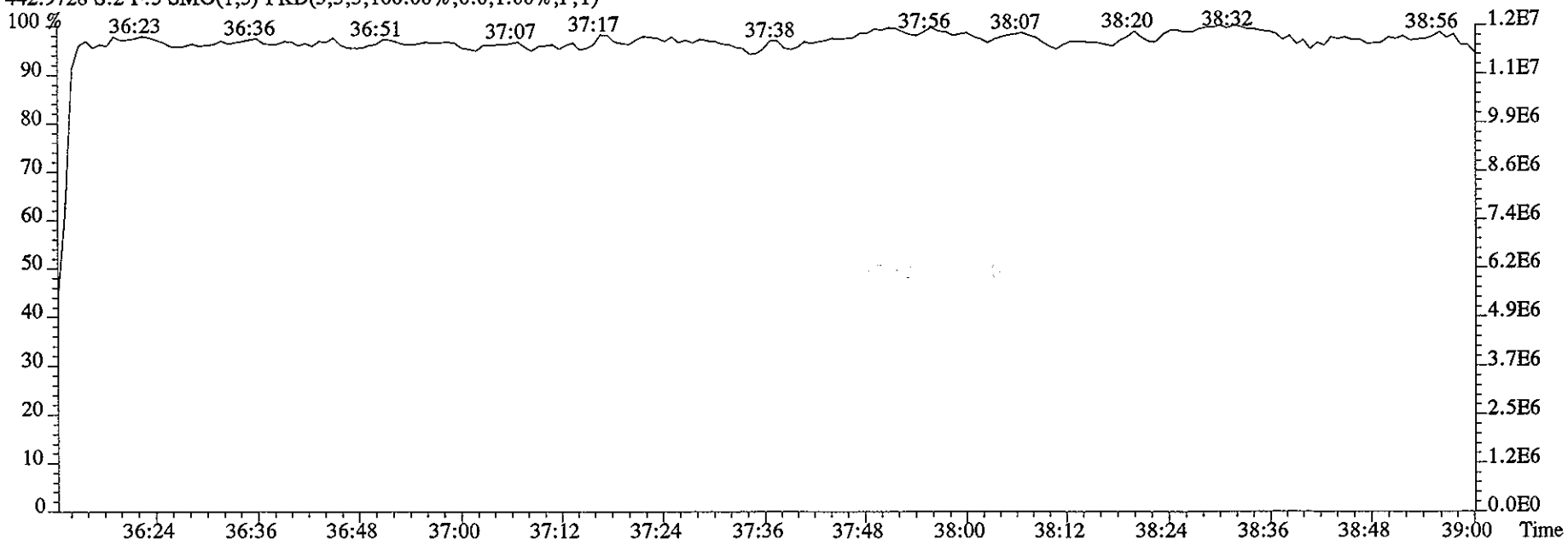
333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2204.0,1.00%,F,T)



File:09JA068D5 #1-202 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN
454.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

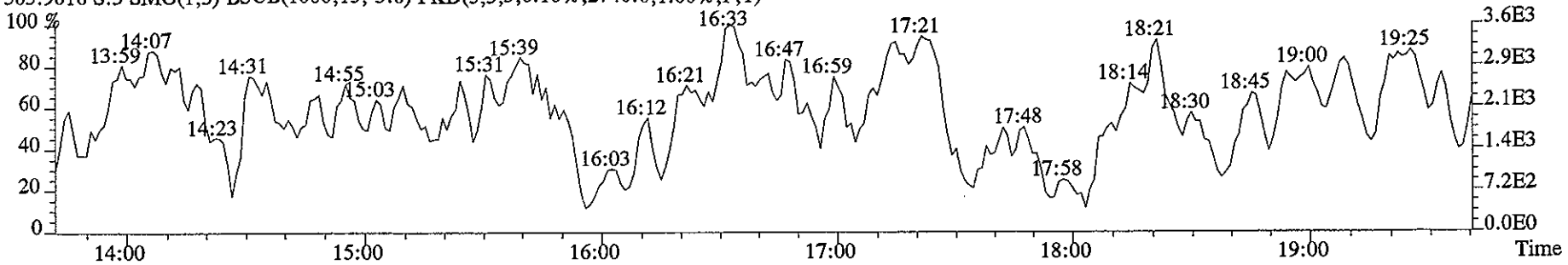


442.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

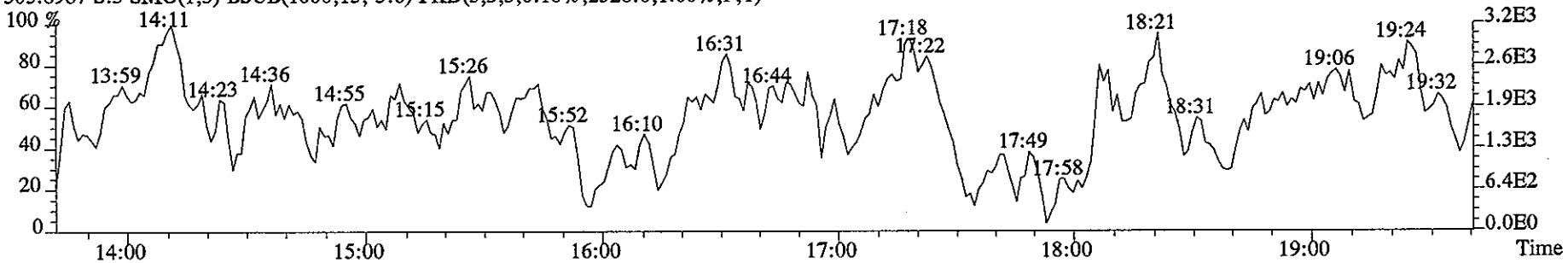


File:09JA068D5 #1-325 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

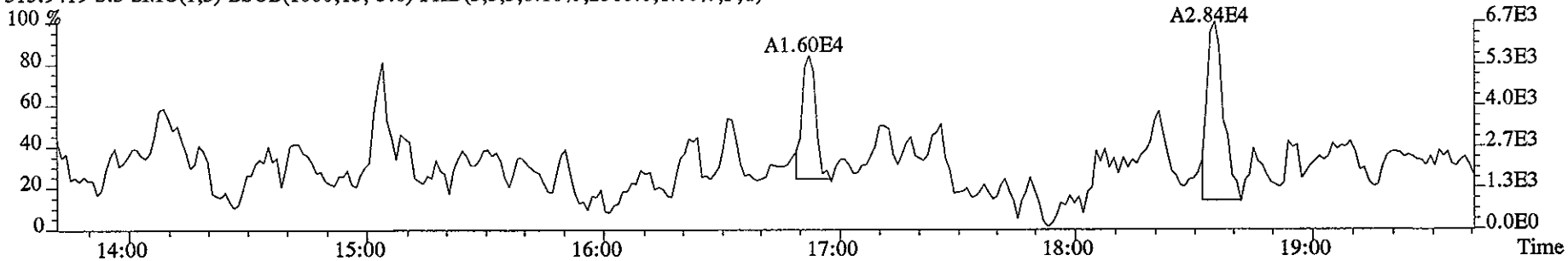
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2740.0,1.00%,F,T)



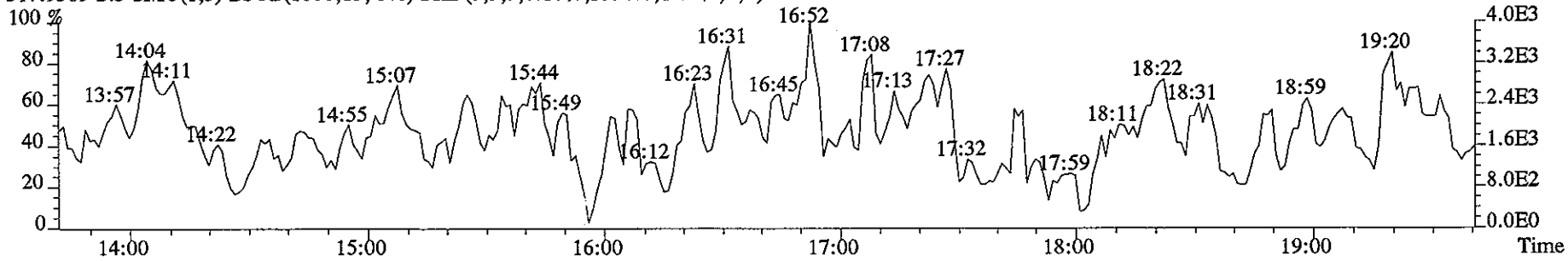
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2328.0,1.00%,F,T)



315.9419 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2568.0,1.00%,F,T)

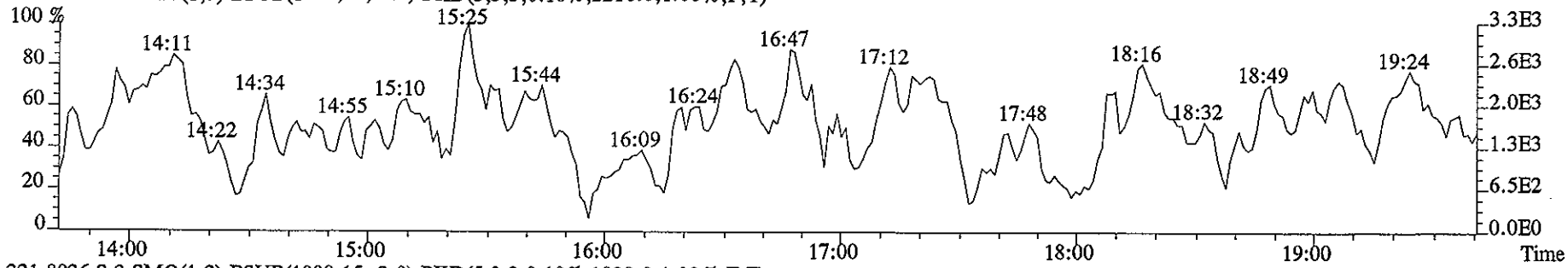


317.9389 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2396.0,1.00%,F,T)

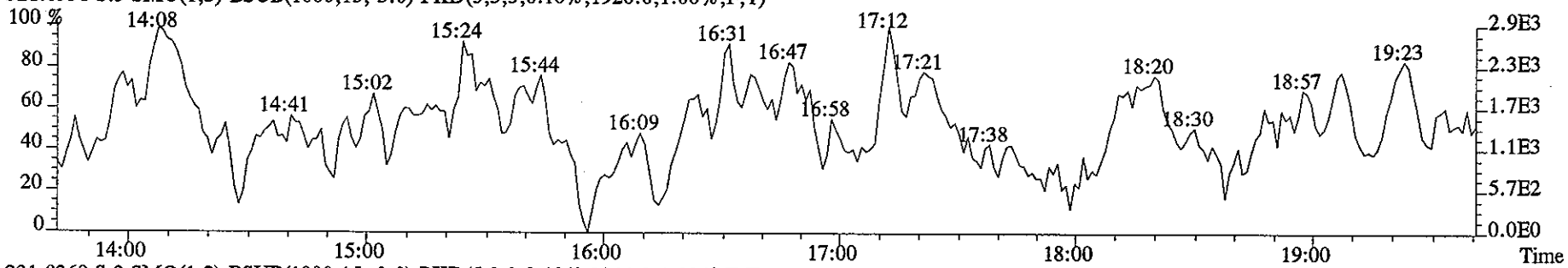


File:09JA068D5 #1-325 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

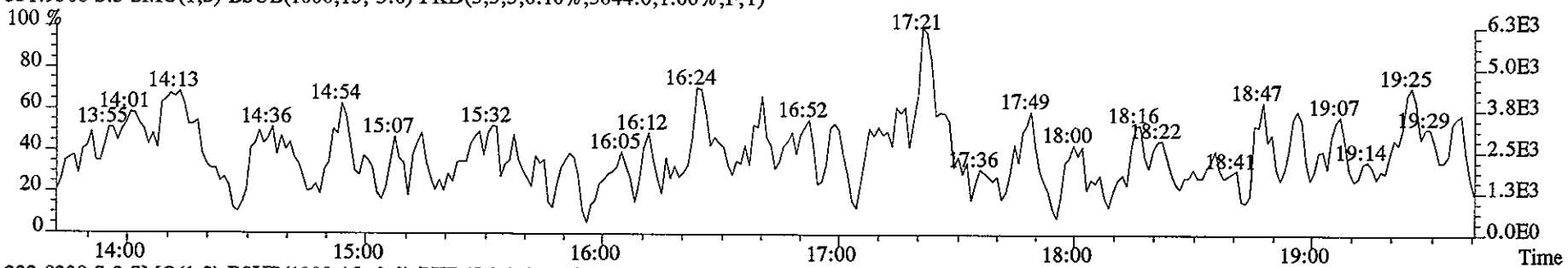
319.8965 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2216.0,1.00%,F,T)



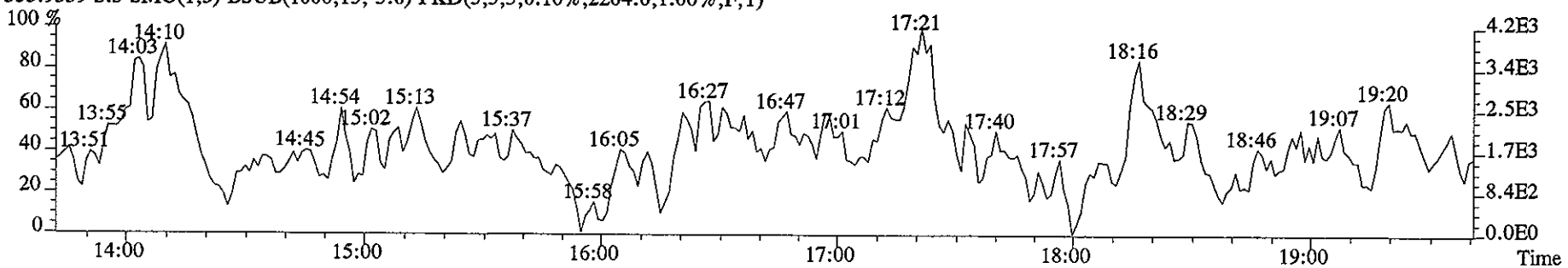
321.8936 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1920.0,1.00%,F,T)



331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3044.0,1.00%,F,T)

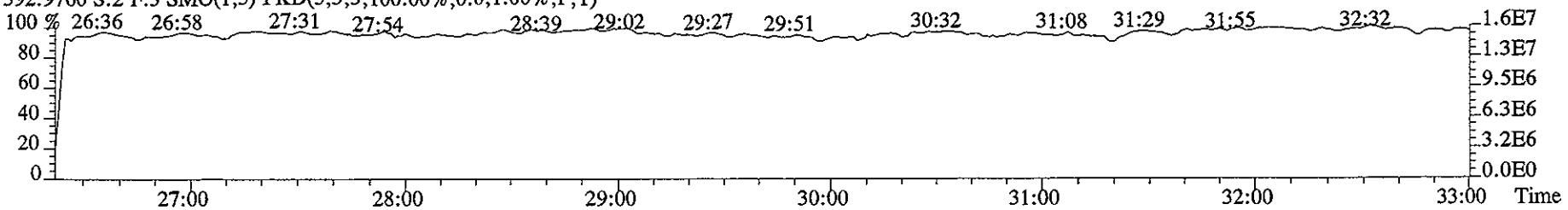


333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2204.0,1.00%,F,T)

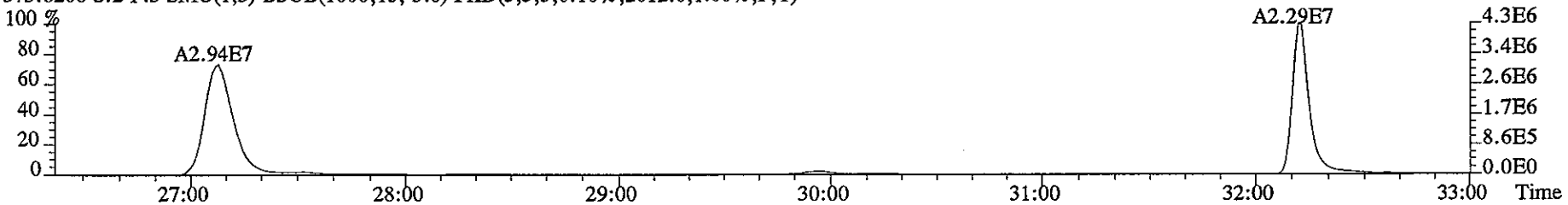


File:09JA068D5 #1-446 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

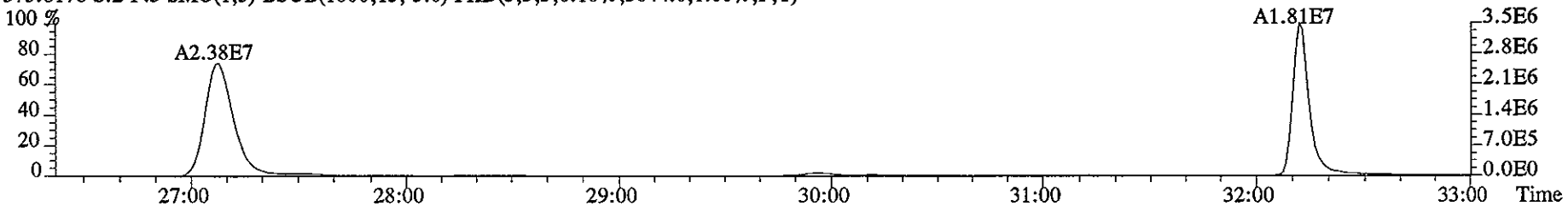
392.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



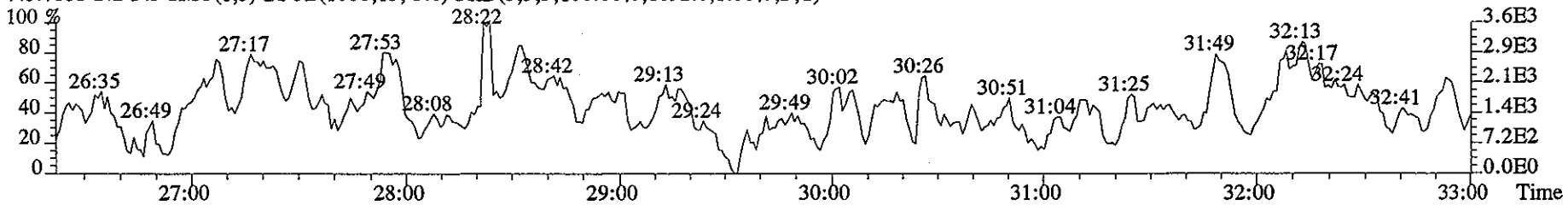
373.8208 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2612.0,1.00%,F,T)



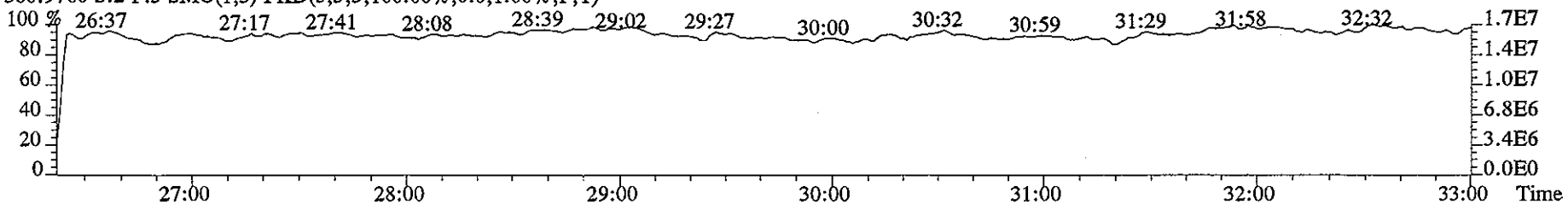
375.8178 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3044.0,1.00%,F,T)



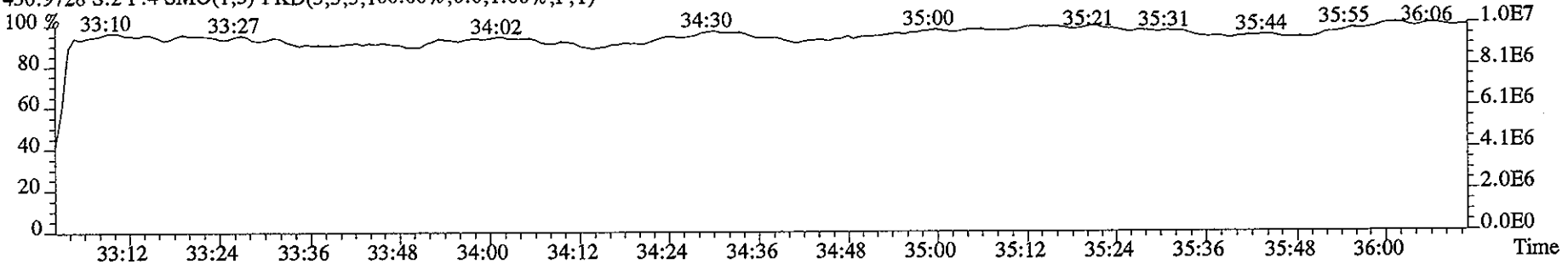
445.7555 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1892.0,1.00%,F,T)

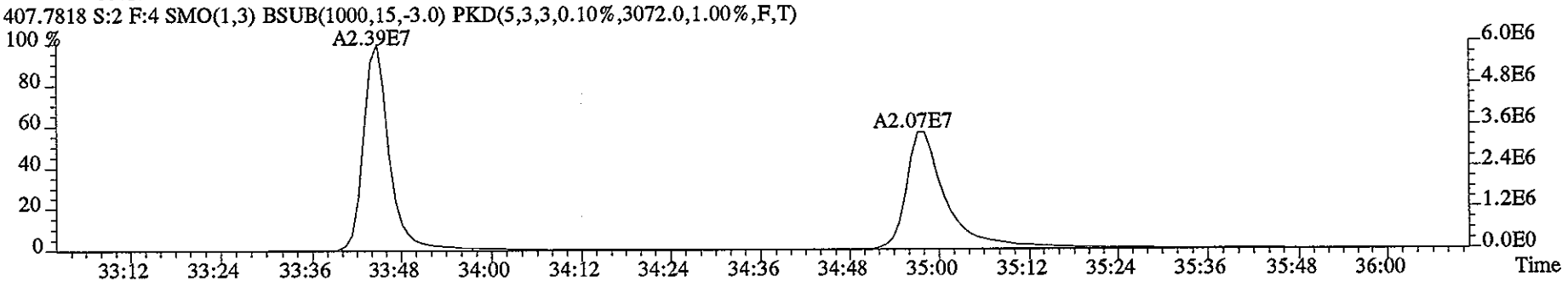


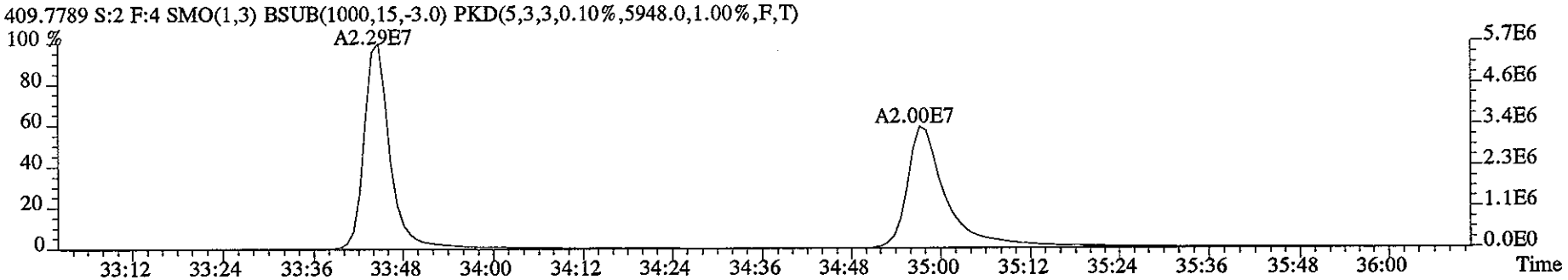
380.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

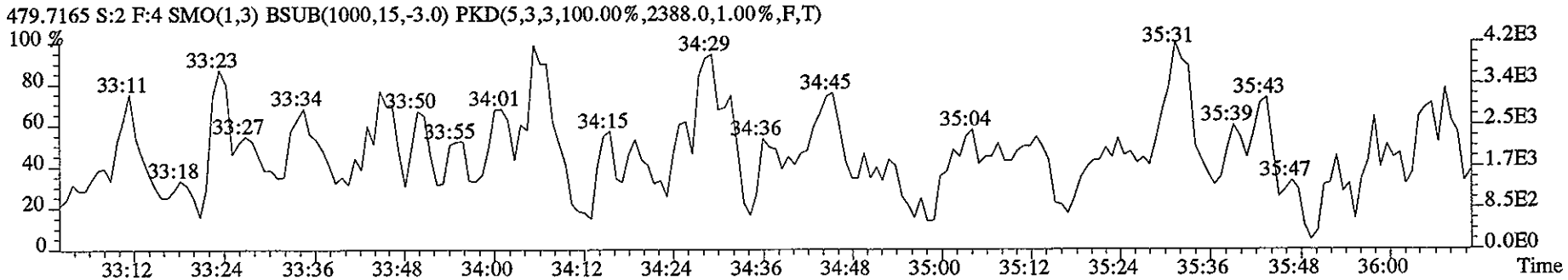


File:09JA068D5 #1-222 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN

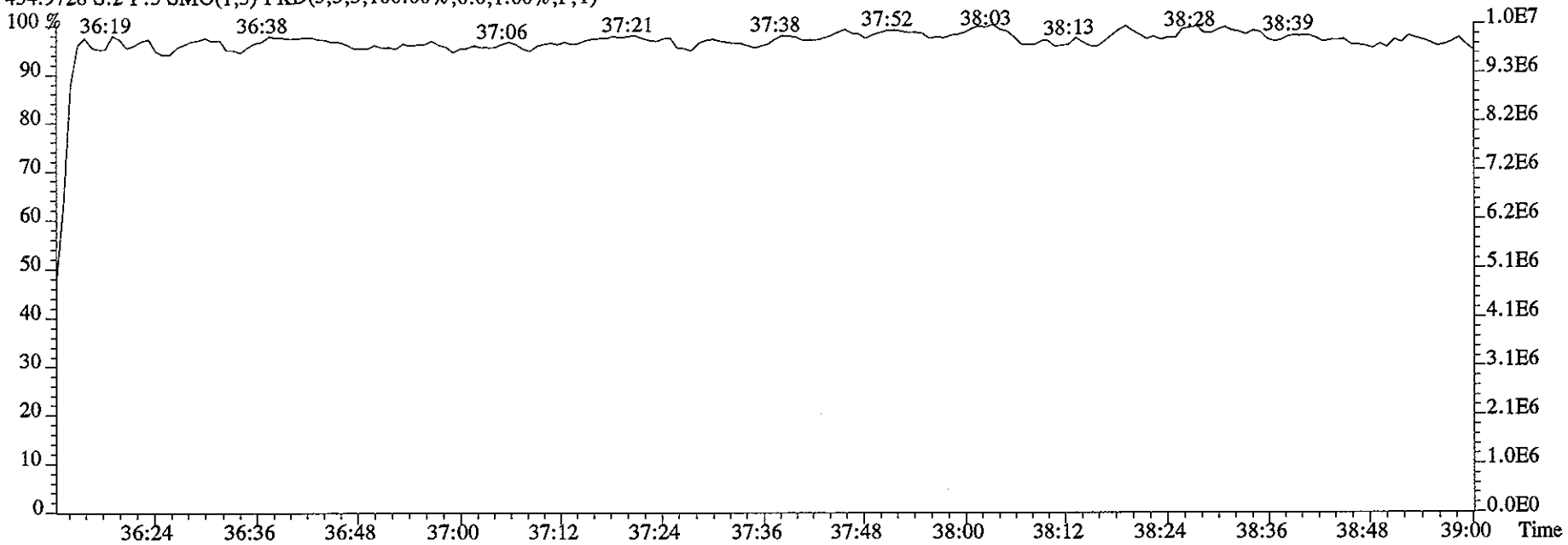




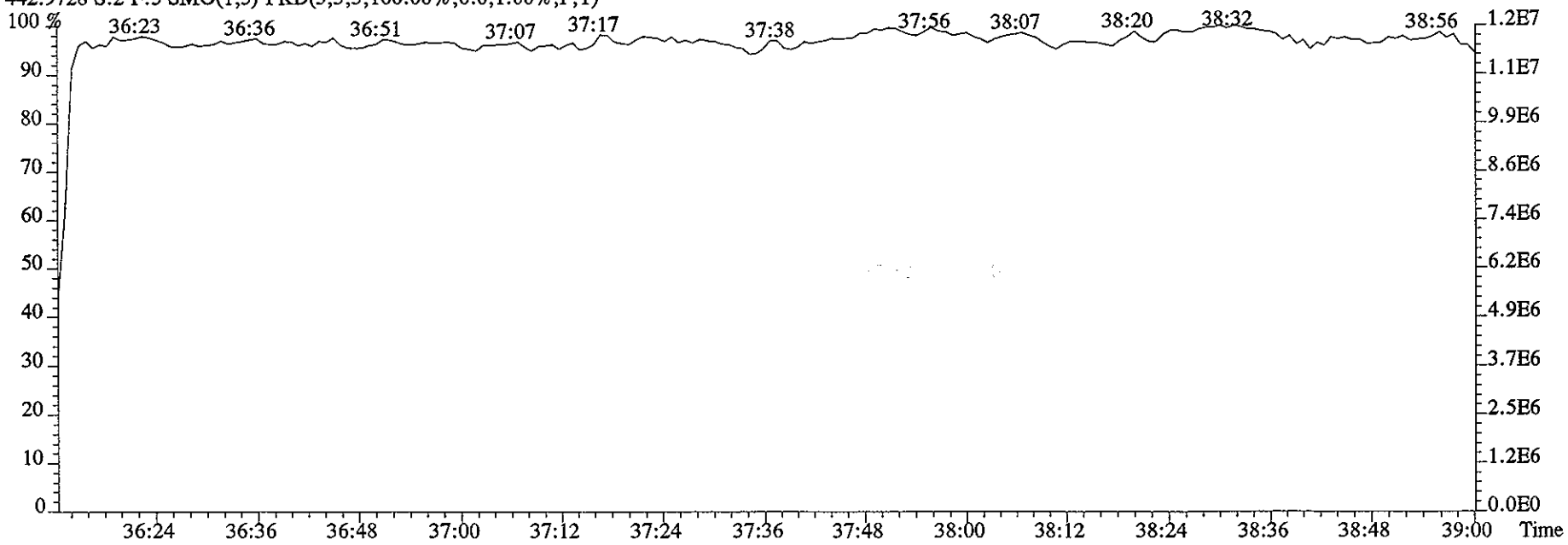




File:09JA068D5 #1-202 Acq: 9-JAN-2006 16:09:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:CP0109 :DB-5 CPSM 2565-47 Exp:DIOXIN
454.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

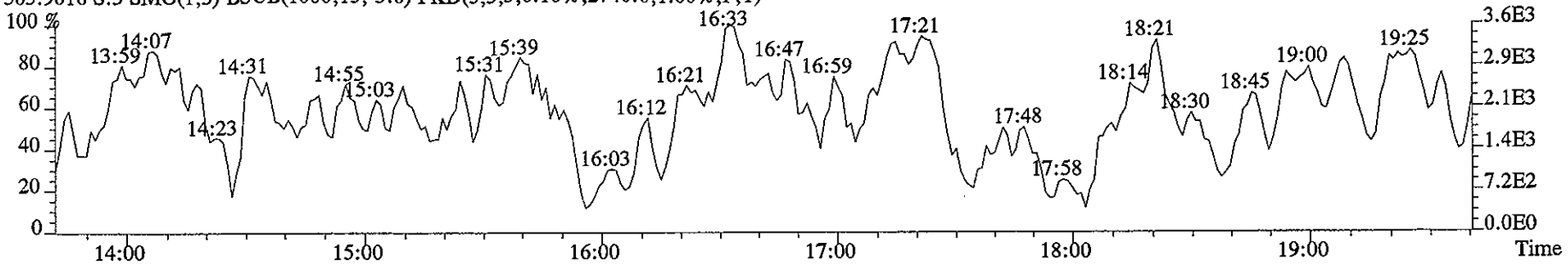


442.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

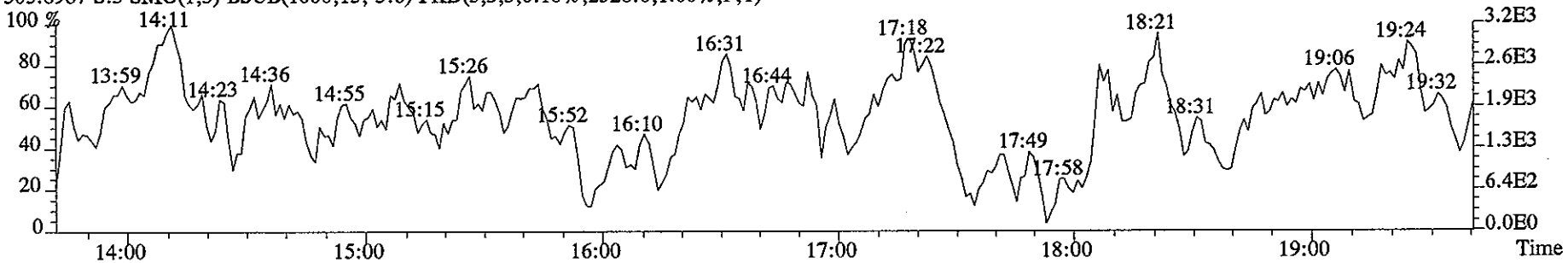


File:09JA068D5 #1-325 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

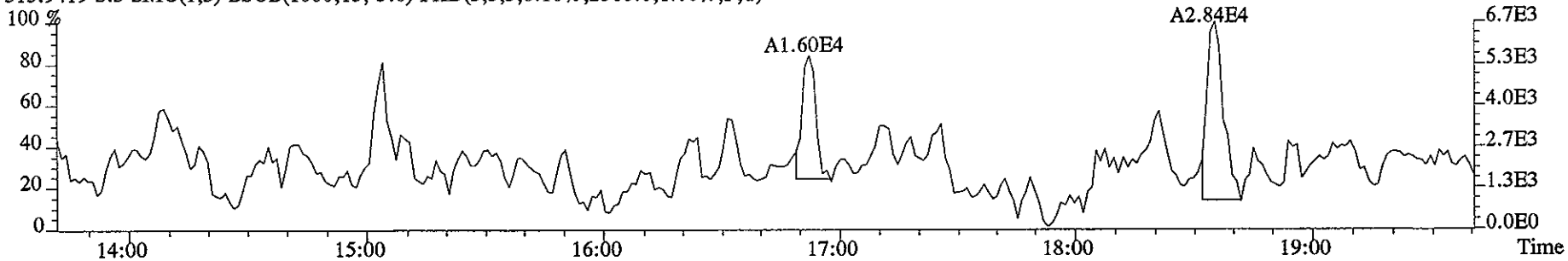
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2740.0,1.00%,F,T)



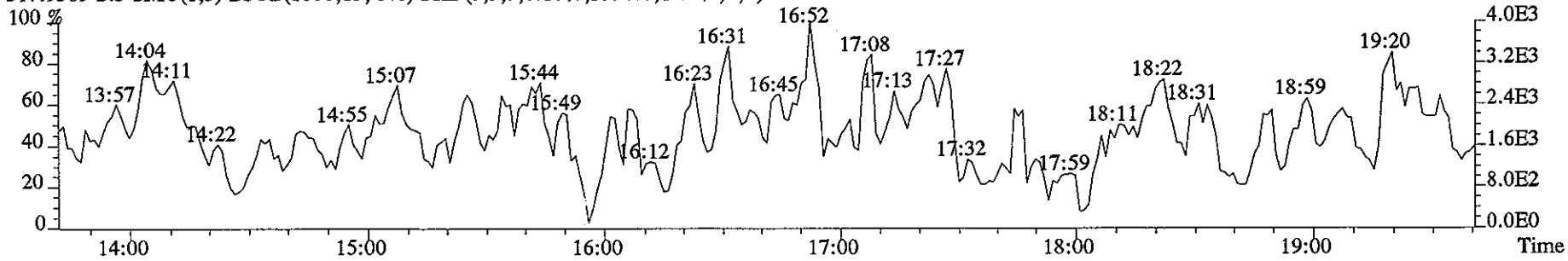
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2328.0,1.00%,F,T)



315.9419 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2568.0,1.00%,F,T)

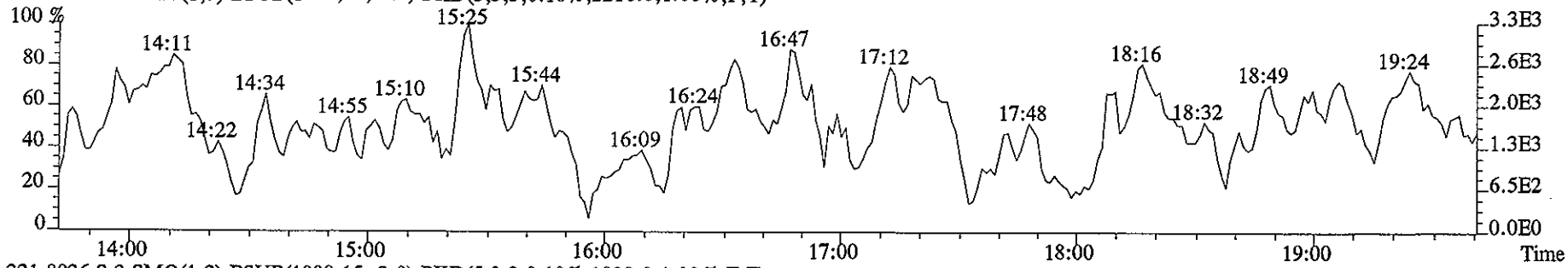


317.9389 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2396.0,1.00%,F,T)

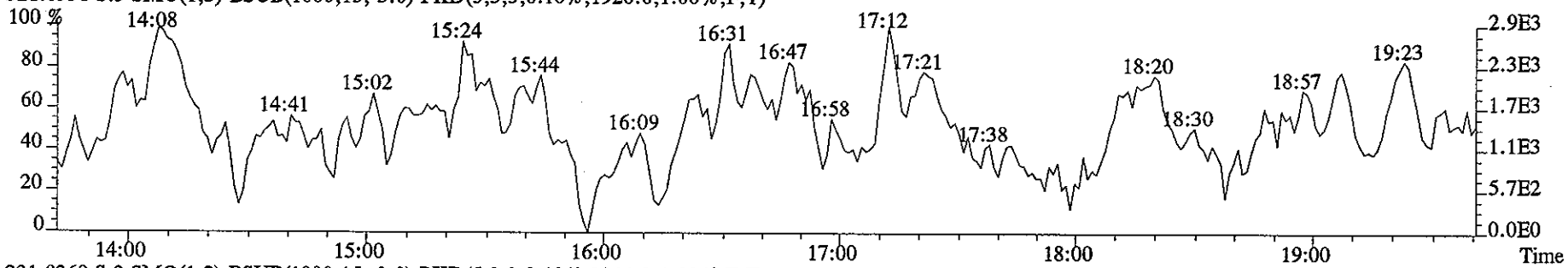


File:09JA068D5 #1-325 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

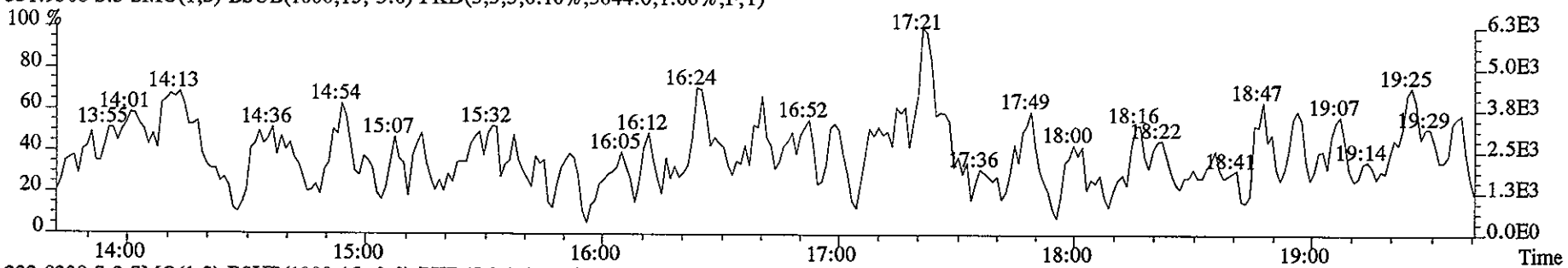
319.8965 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2216.0,1.00%,F,T)



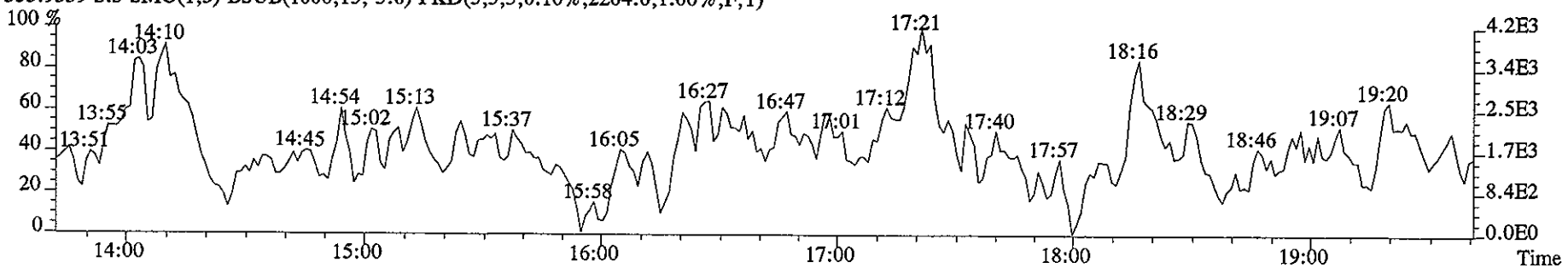
321.8936 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1920.0,1.00%,F,T)



331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3044.0,1.00%,F,T)

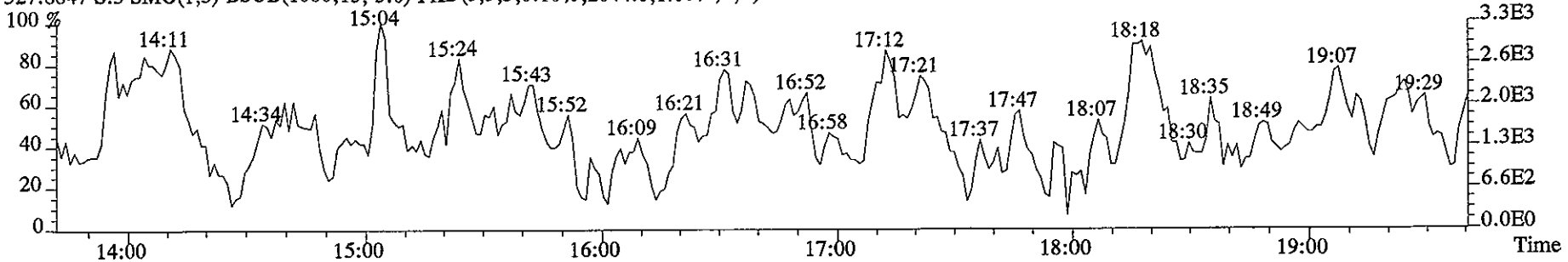


333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2204.0,1.00%,F,T)

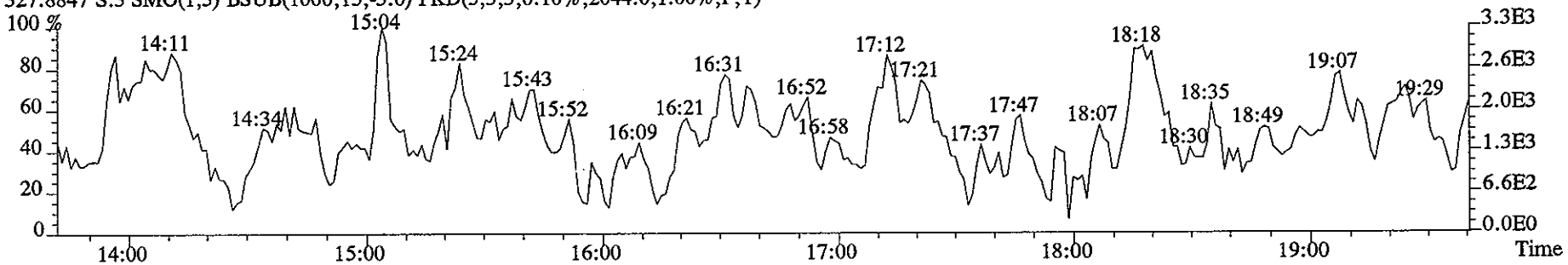


File:09JA068D5 #1-325 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

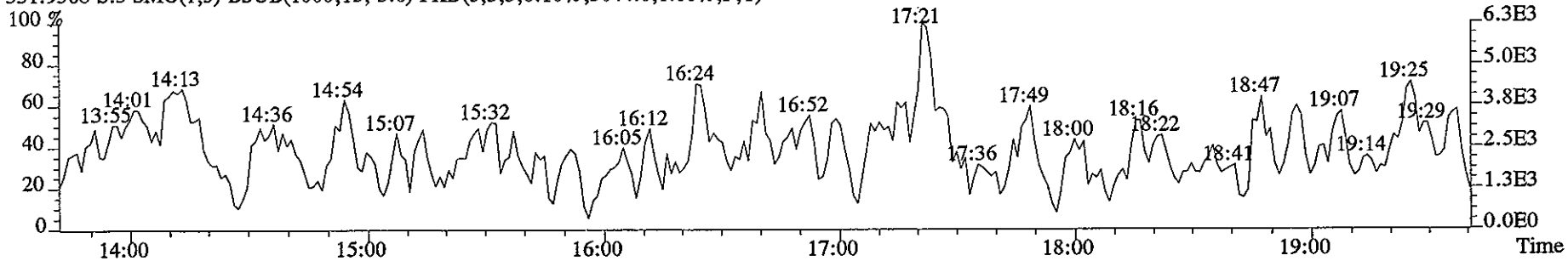
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2044.0,1.00%,F,T)



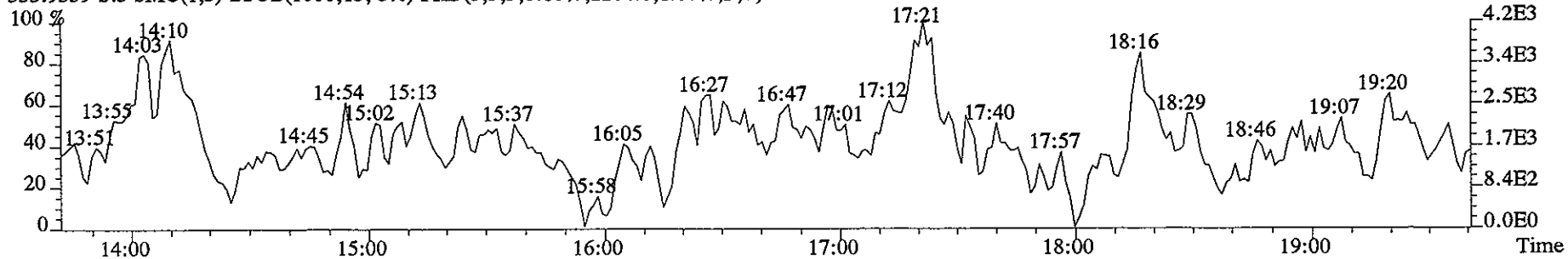
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2044.0,1.00%,F,T)



331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3044.0,1.00%,F,T)

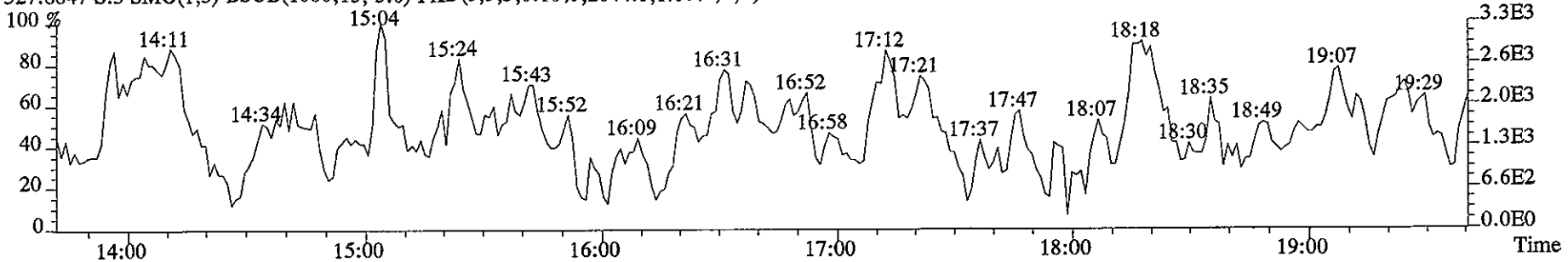


333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2204.0,1.00%,F,T)

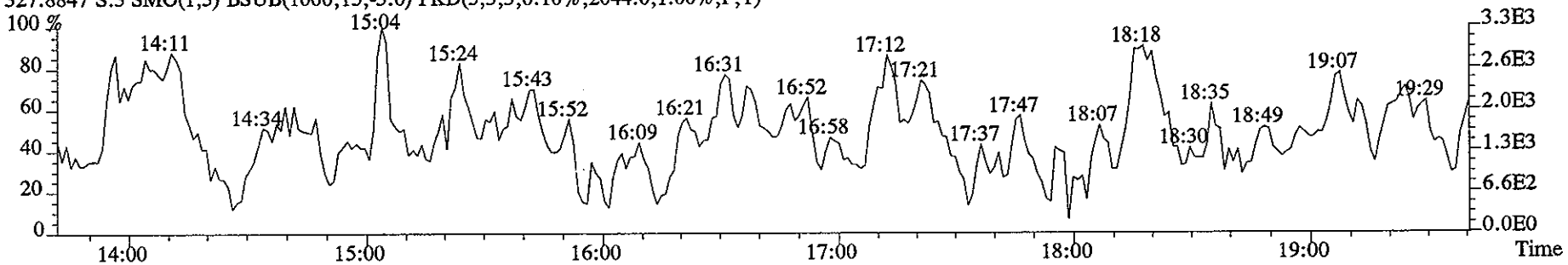


File:09JA068D5 #1-325 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

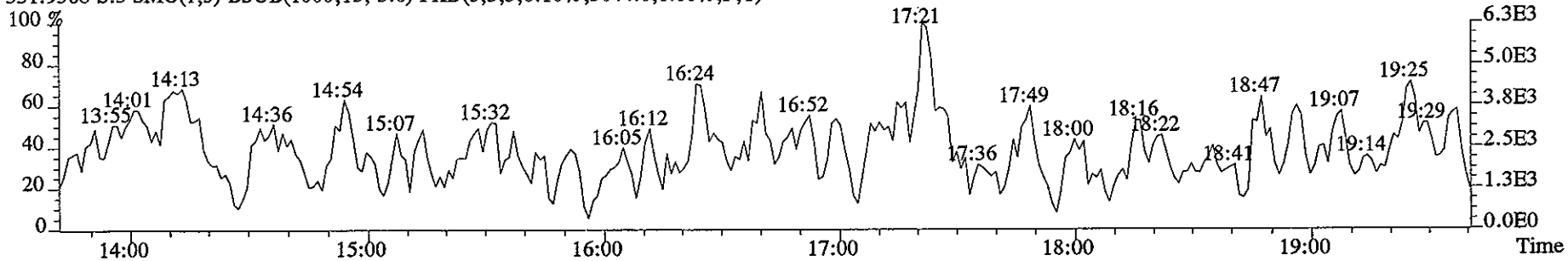
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2044.0,1.00%,F,T)



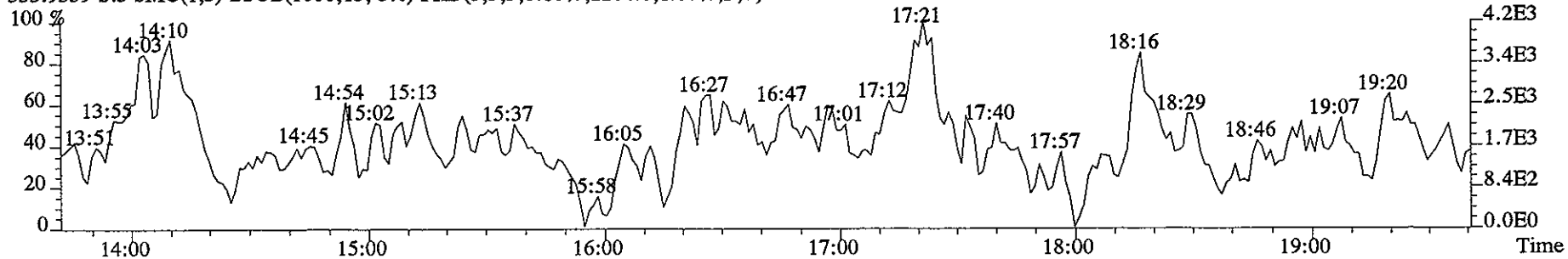
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2044.0,1.00%,F,T)



331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3044.0,1.00%,F,T)

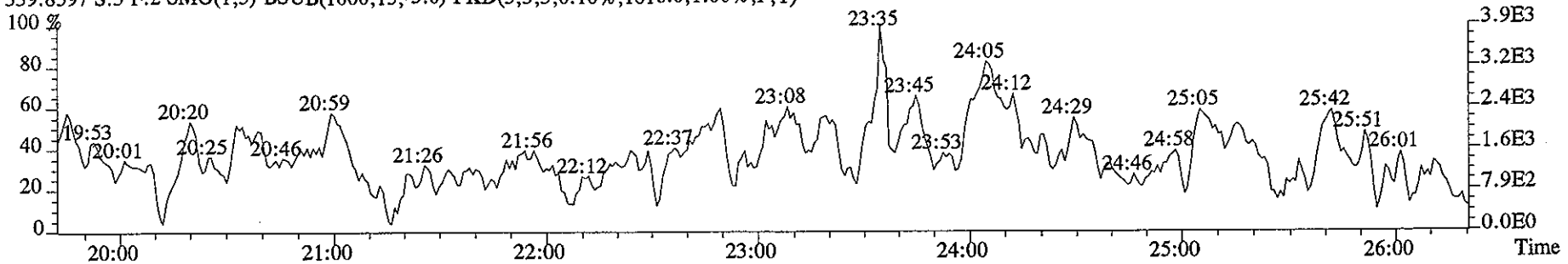


333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2204.0,1.00%,F,T)

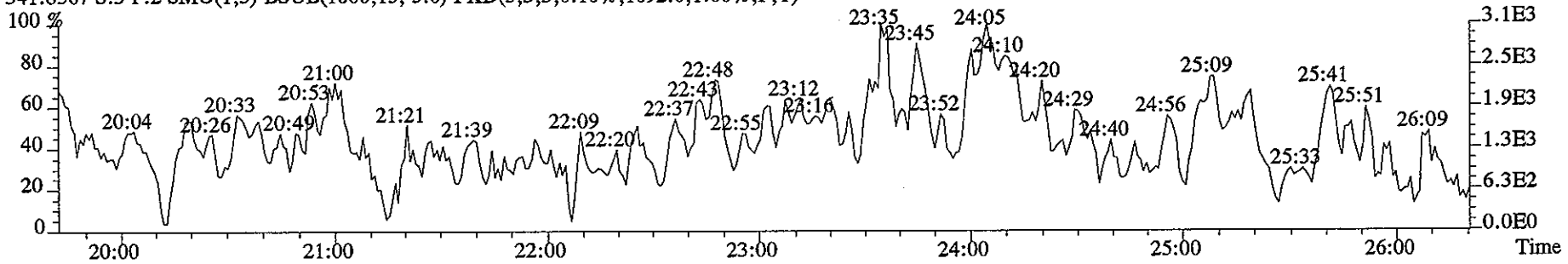


File:09JA068D5 #1-467 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

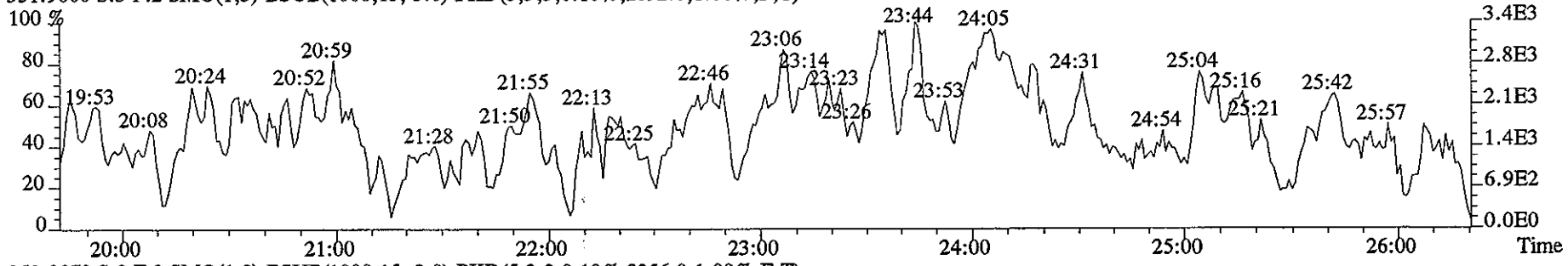
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1816.0,1.00%,F,T)



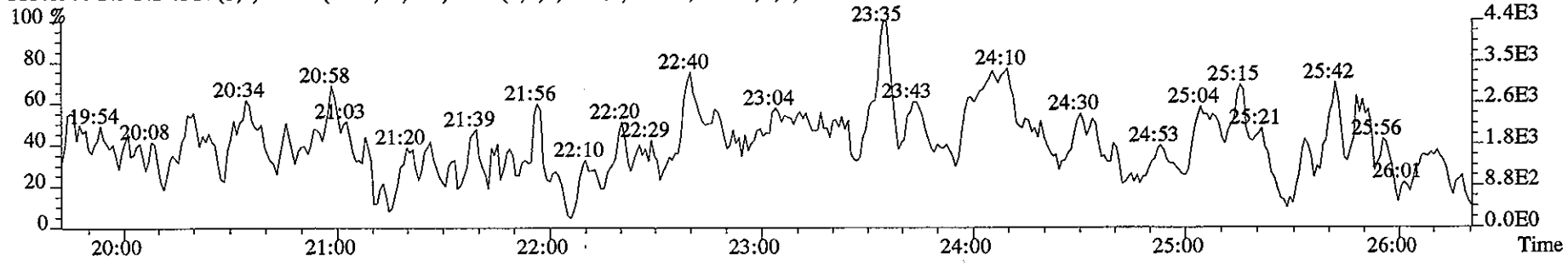
341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1692.0,1.00%,F,T)



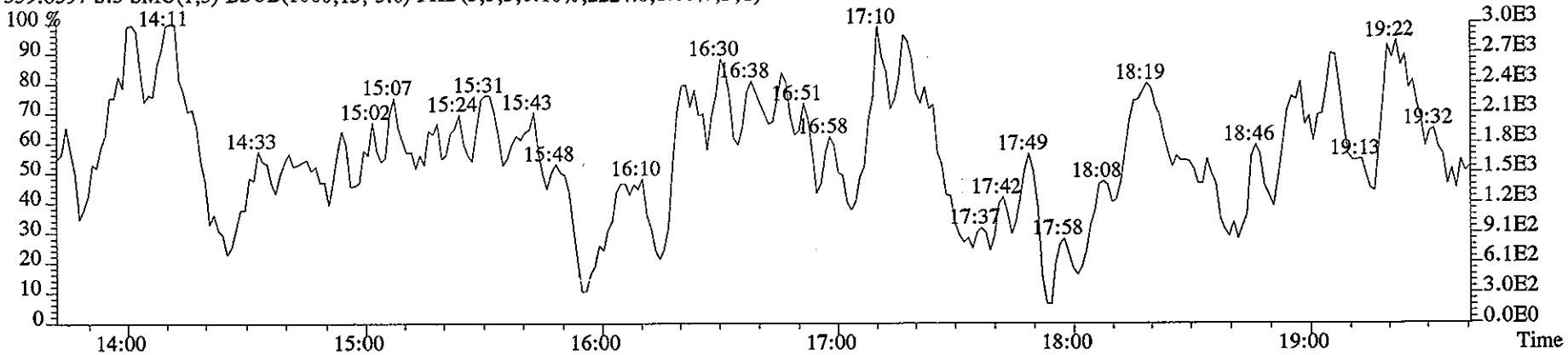
351.9000 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2092.0,1.00%,F,T)



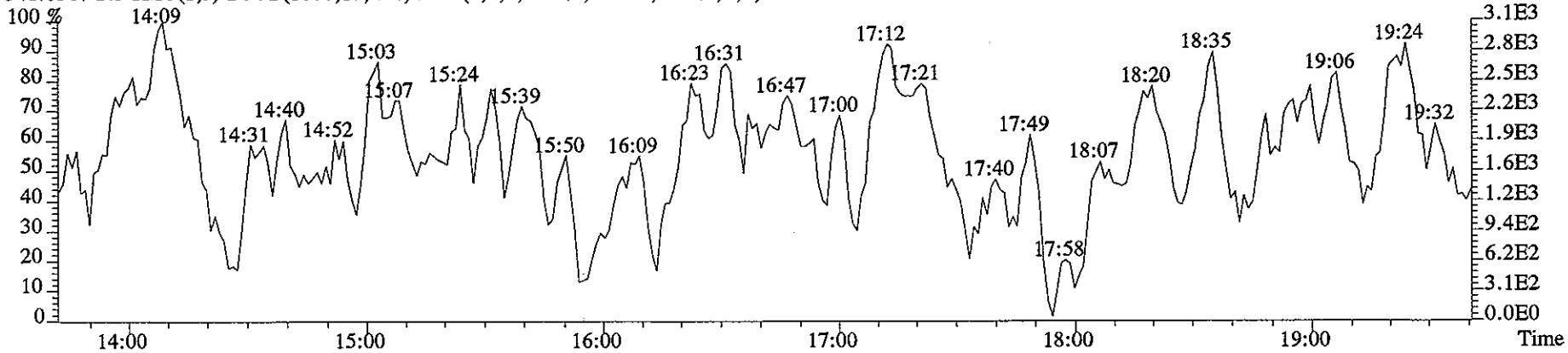
353.8970 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2256.0,1.00%,F,T)



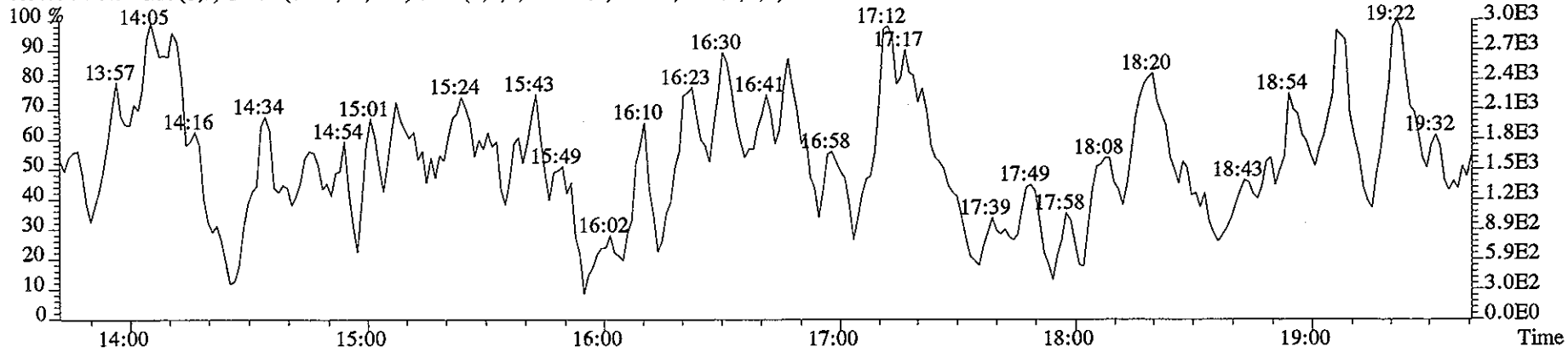
File:09JA068D5 #1-325 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN
339.8597 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2224.0,1.00%,F,T)



341.8567 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2292.0,1.00%,F,T)

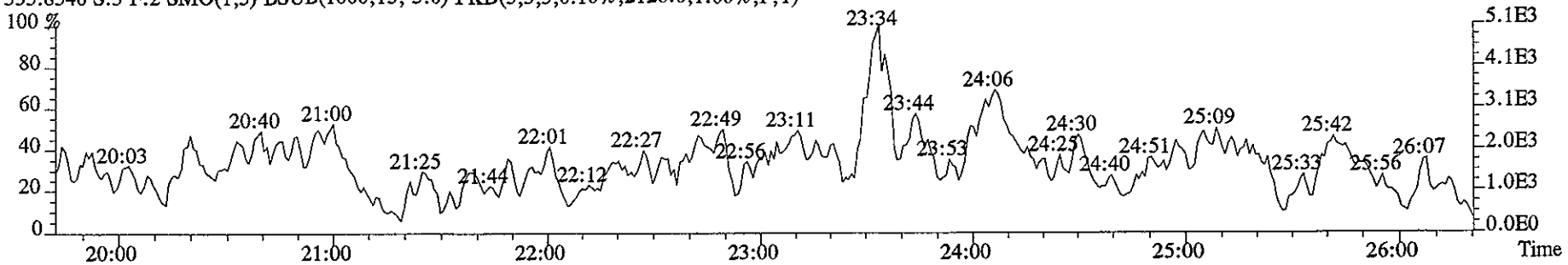


409.7974 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1972.0,1.00%,F,T)

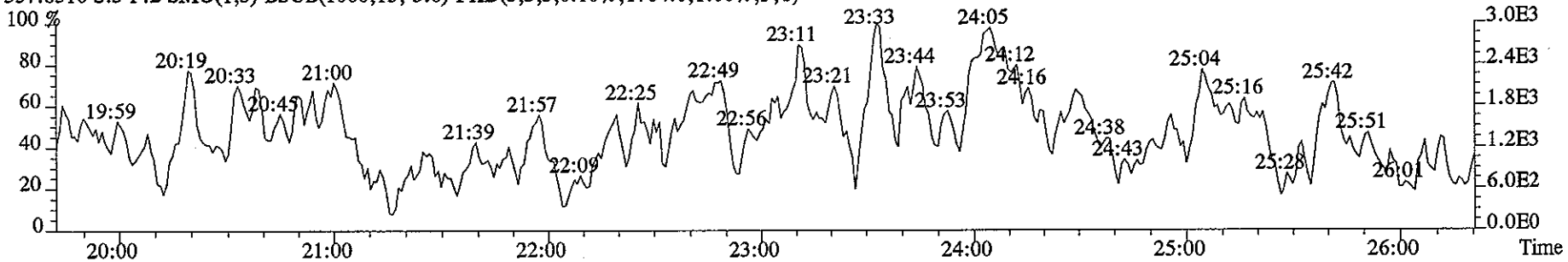


File:09JA068D5 #1-467 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

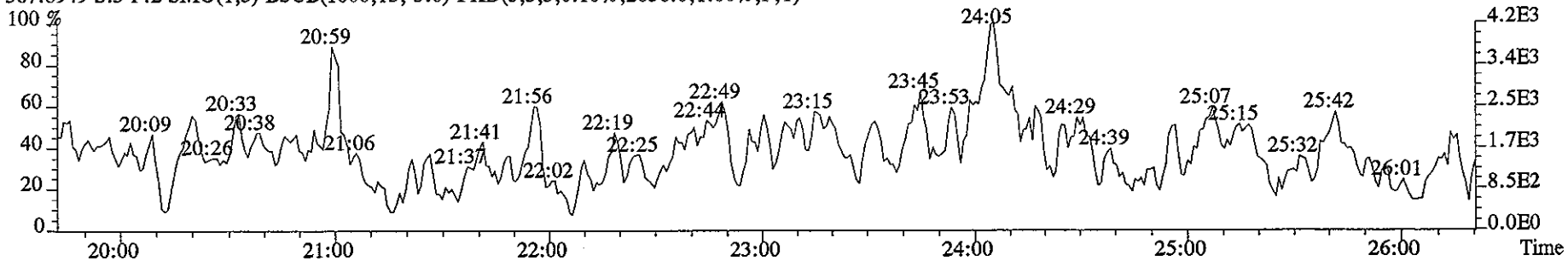
355.8546 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2128.0,1.00%,F,T)



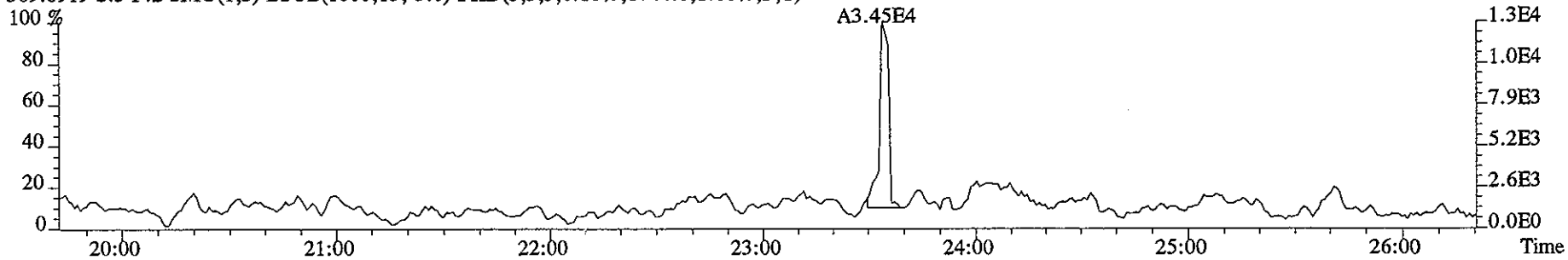
357.8516 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1784.0,1.00%,F,T)



367.8949 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2056.0,1.00%,F,T)

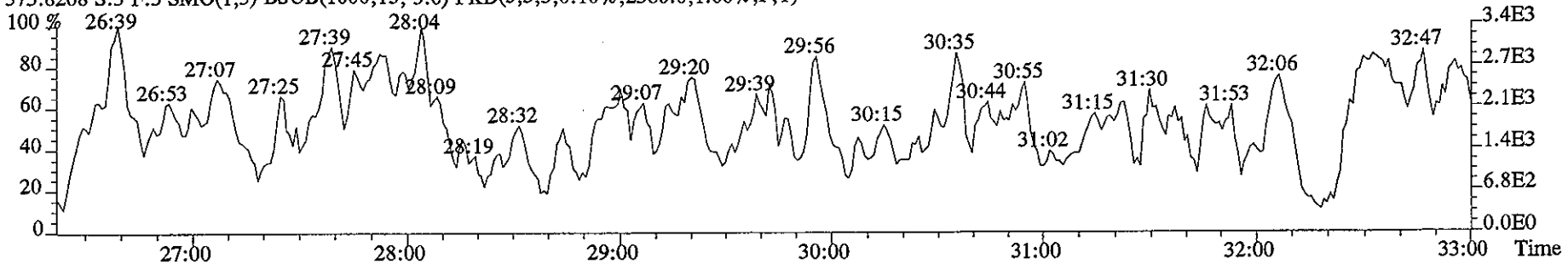


369.8919 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1744.0,1.00%,F,T)

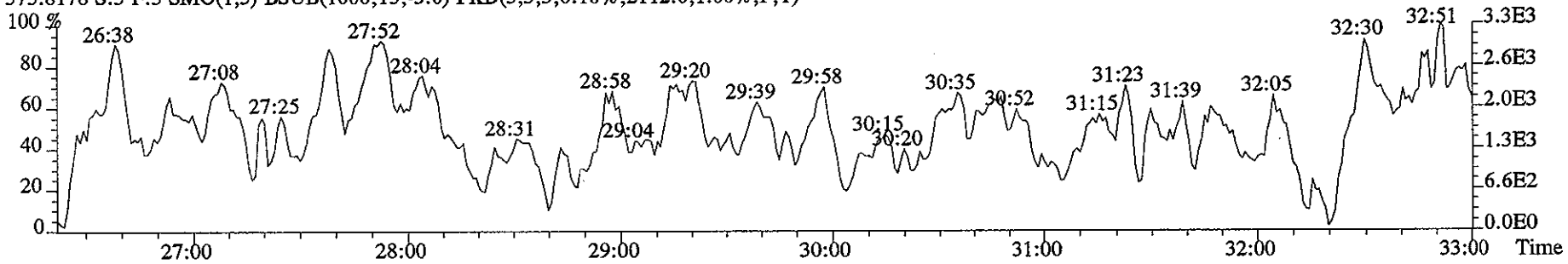


File:09JA068D5 #1-446 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

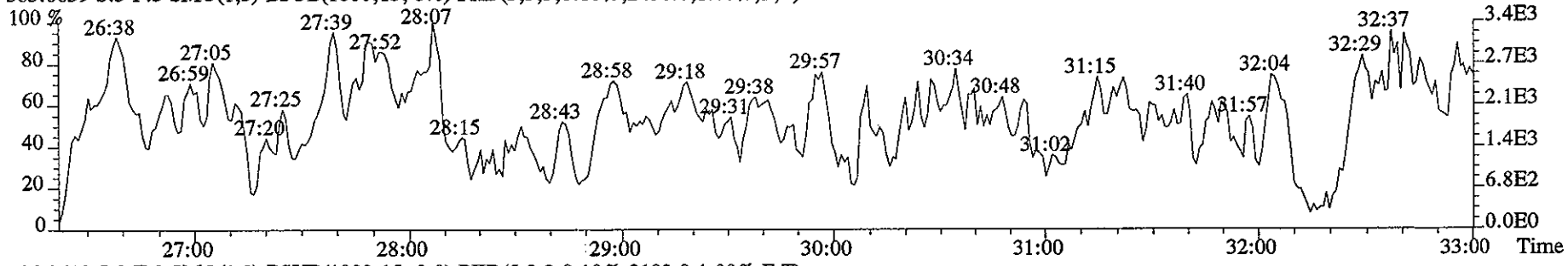
373.8208 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2380.0,1.00%,F,T)



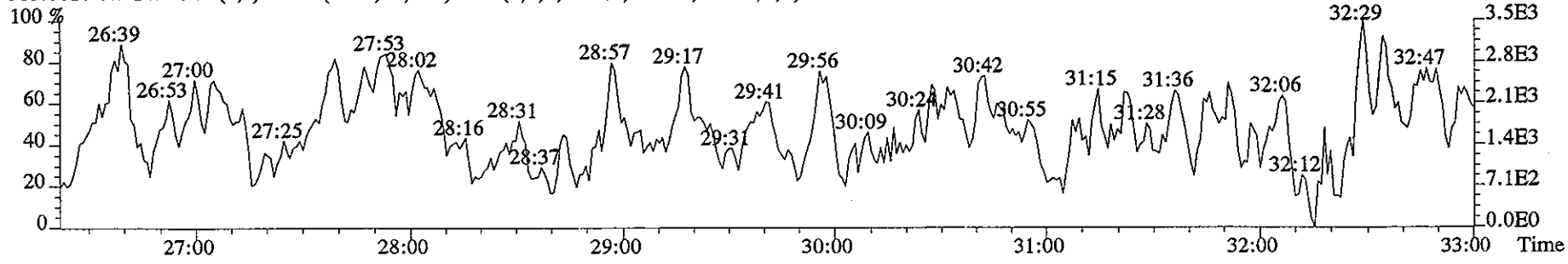
375.8178 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2112.0,1.00%,F,T)



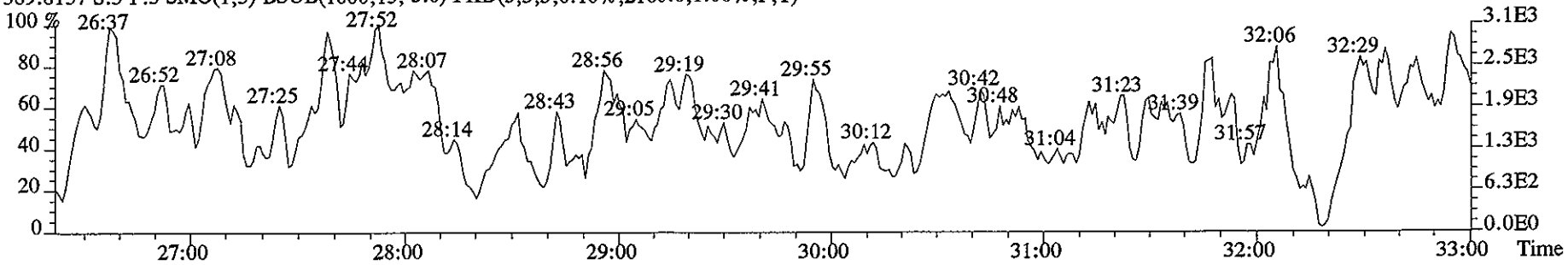
383.8639 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2436.0,1.00%,F,T)

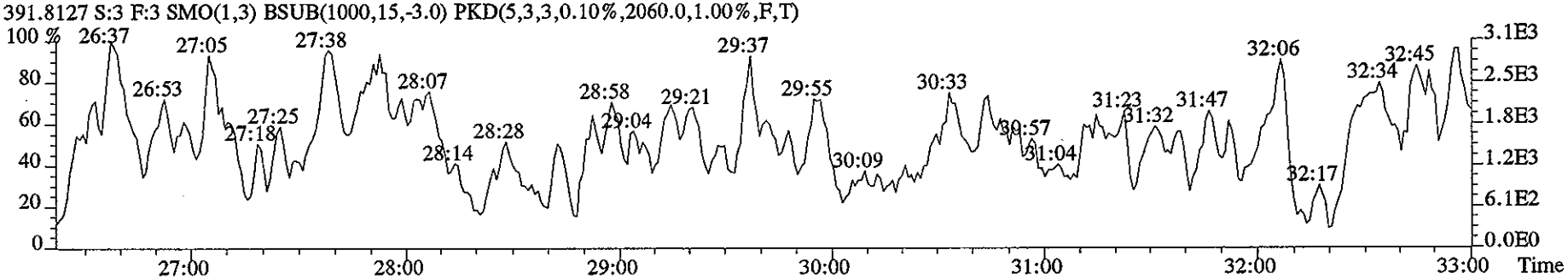


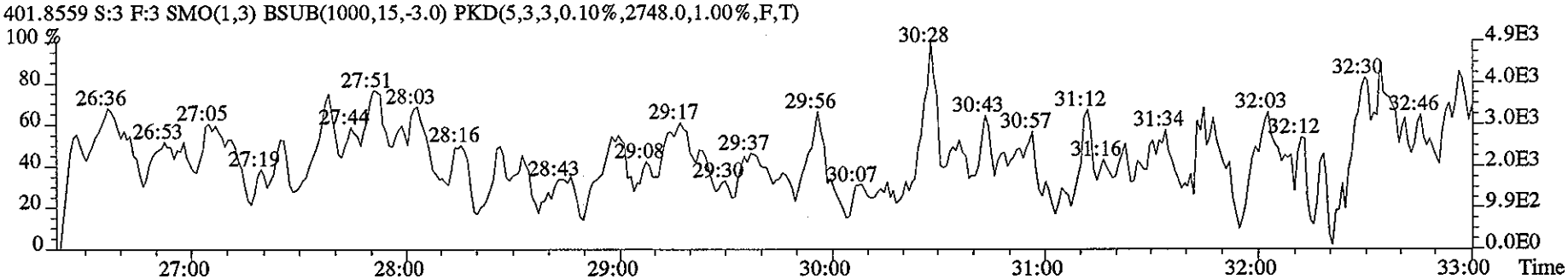
385.8610 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2192.0,1.00%,F,T)

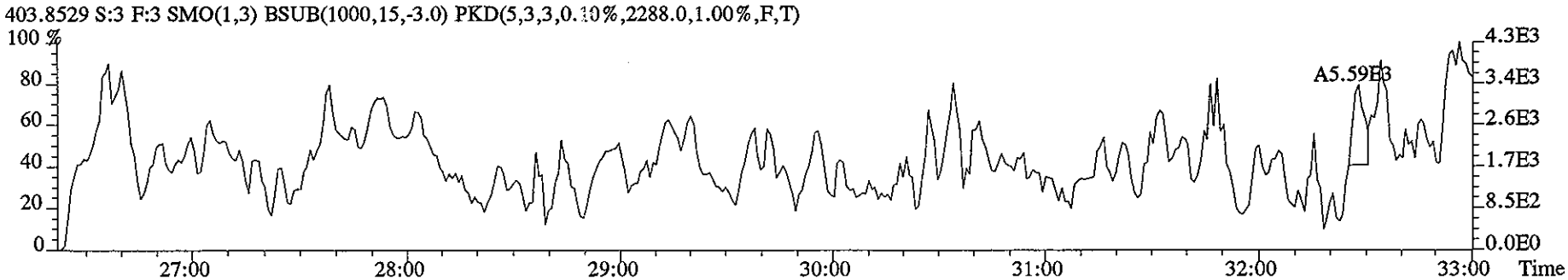


File:09JA068D5 #1-446 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

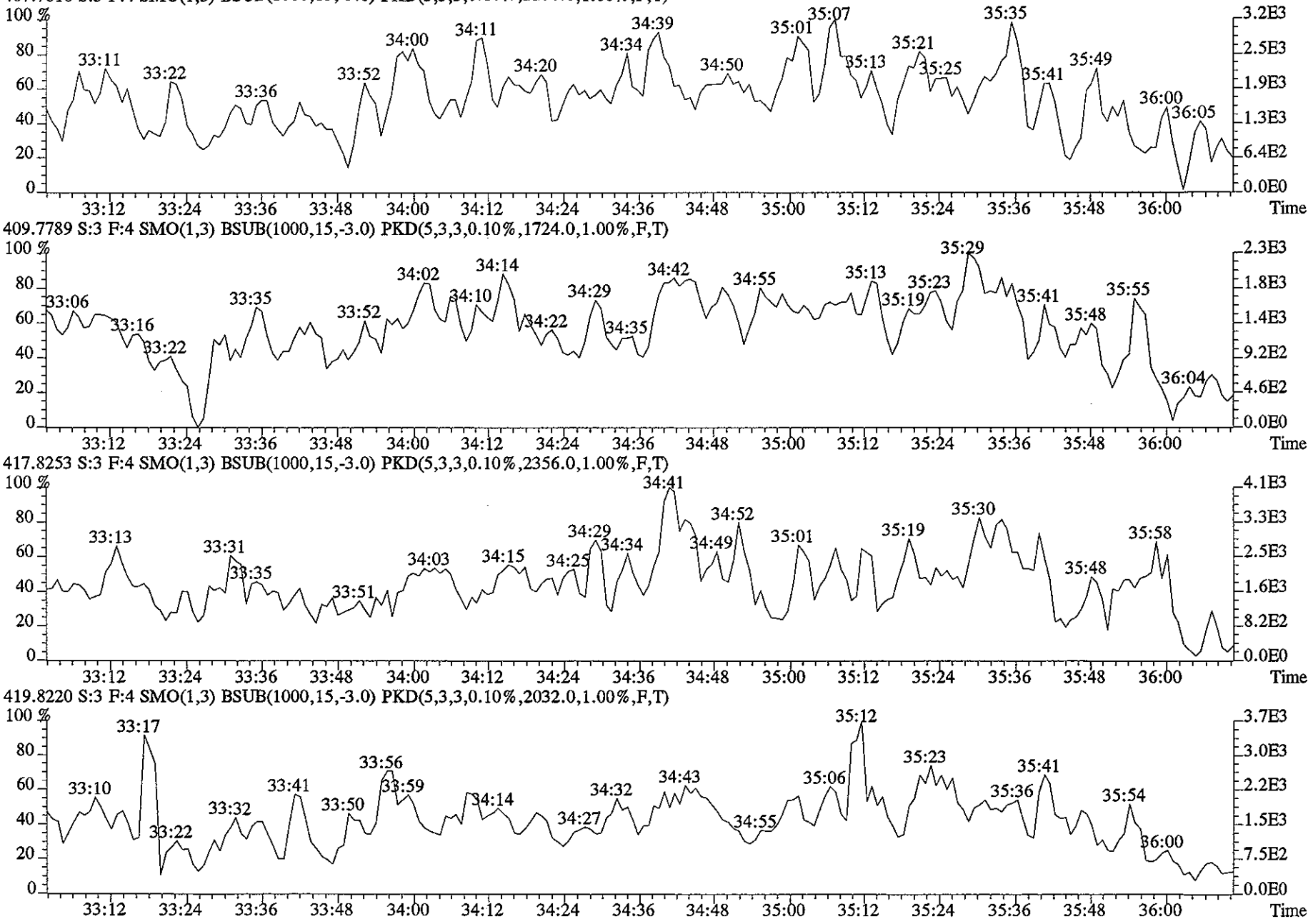






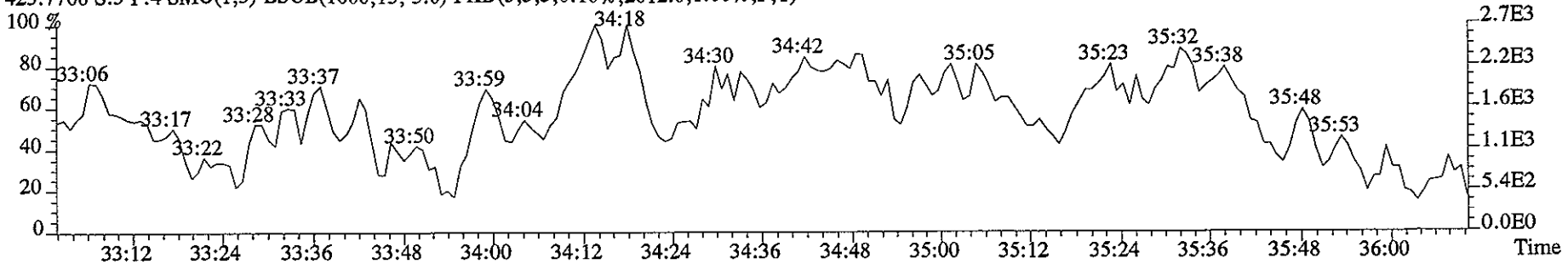


File:09JA068D5 #1-222 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

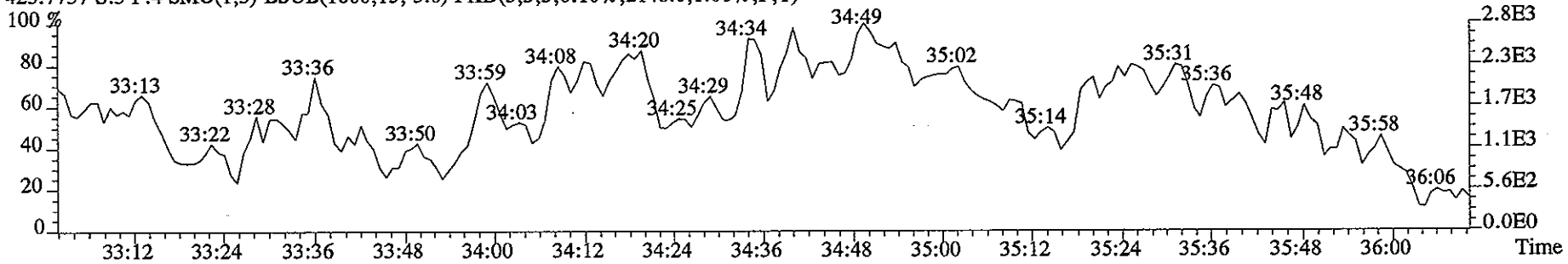


File:09JA068D5 #1-222 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

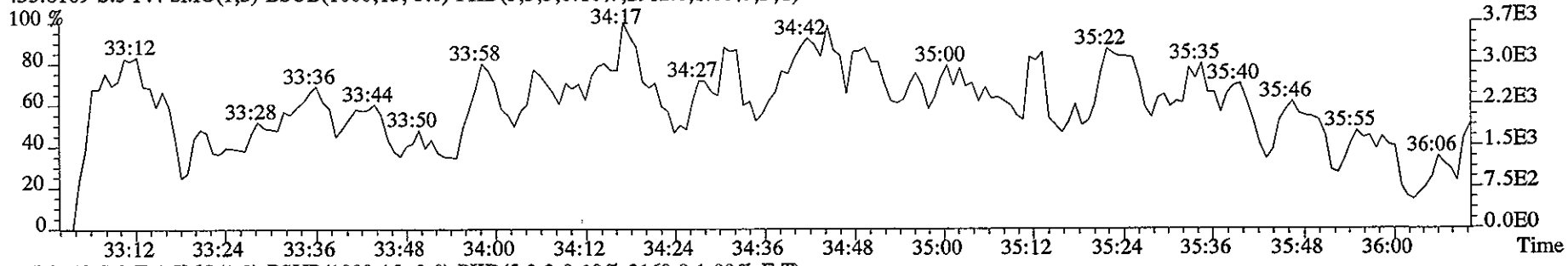
423.7766 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2012.0,1.00%,F,T)



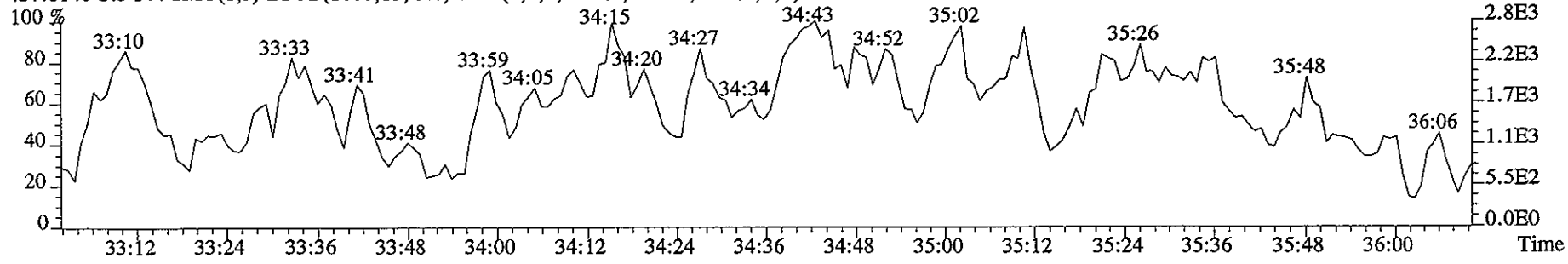
425.7737 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2148.0,1.00%,F,T)



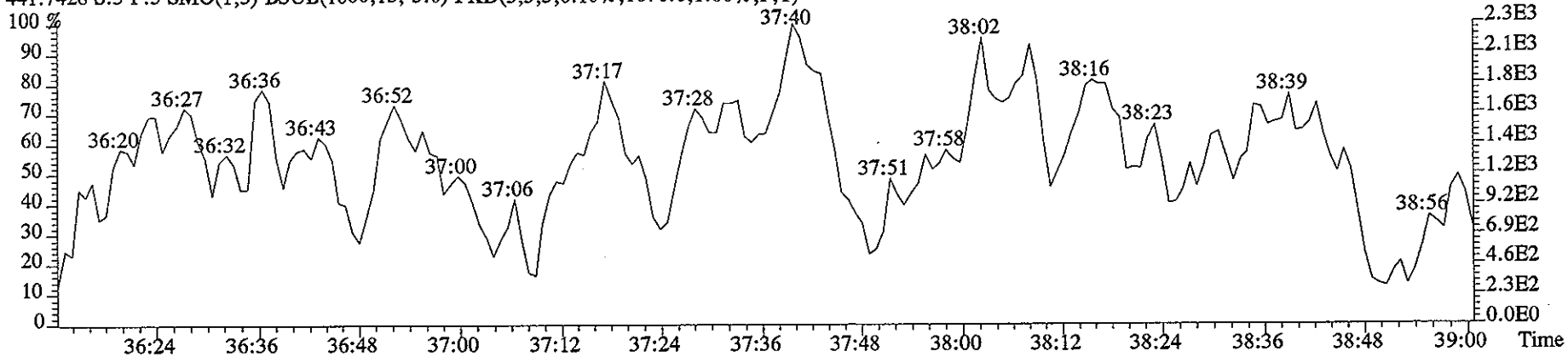
435.8169 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2912.0,1.00%,F,T)



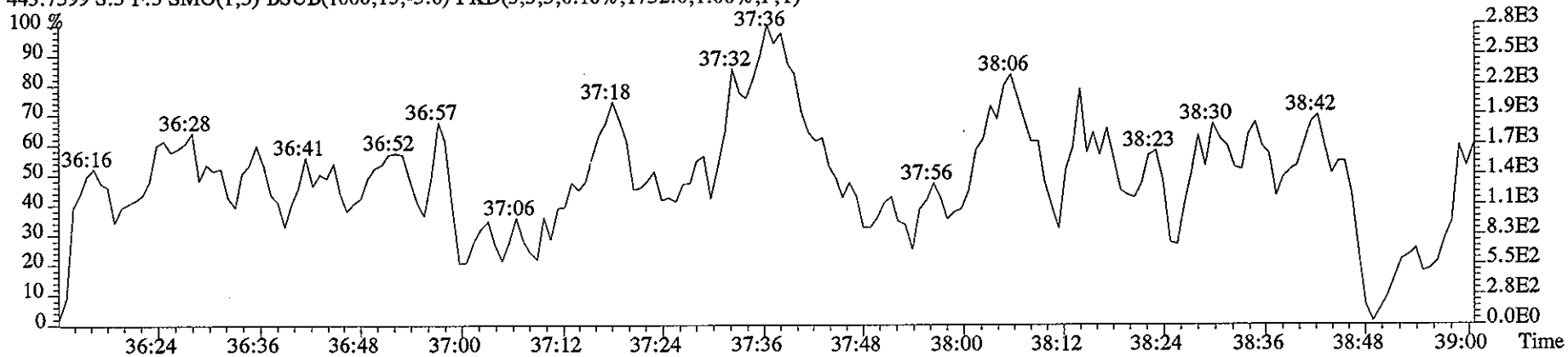
437.8140 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2168.0,1.00%,F,T)



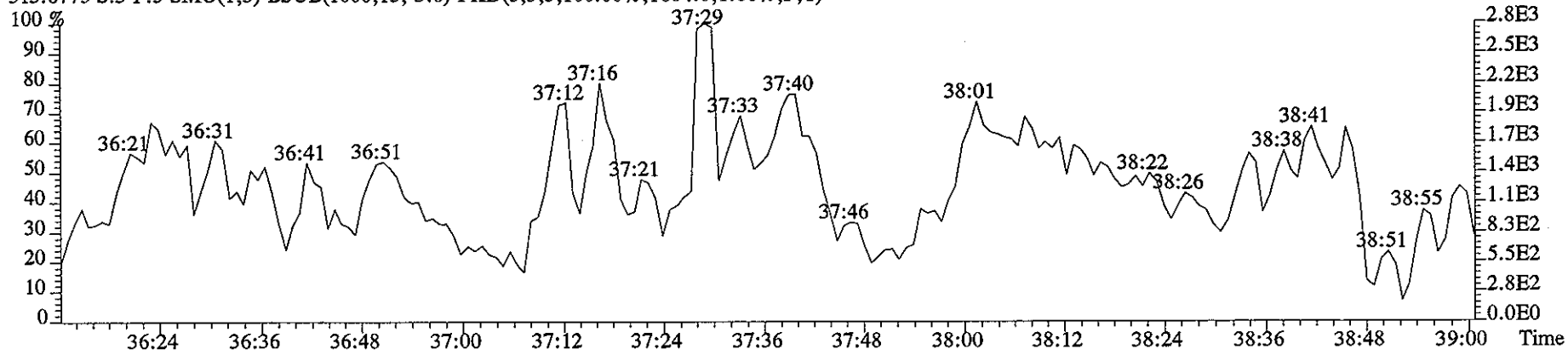
File:09JA068D5 #1-203 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN
441.7428 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1676.0,1.00%,F,T)



443.7399 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1732.0,1.00%,F,T)

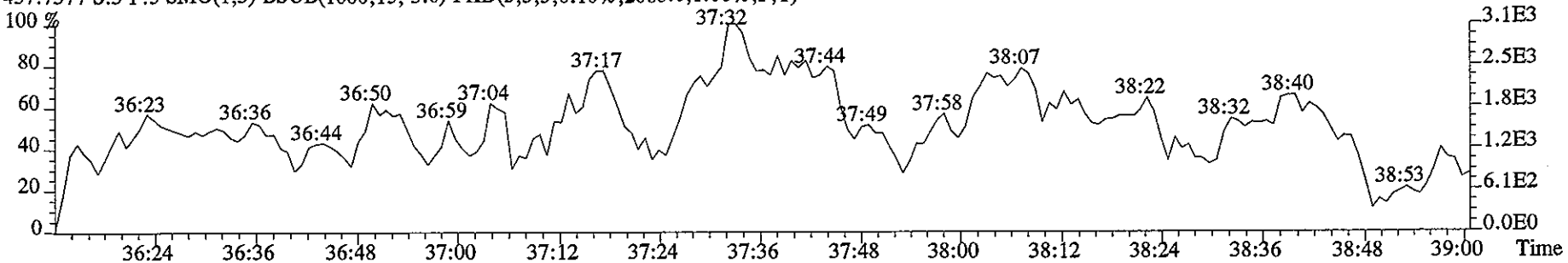


513.6775 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,1604.0,1.00%,F,T)

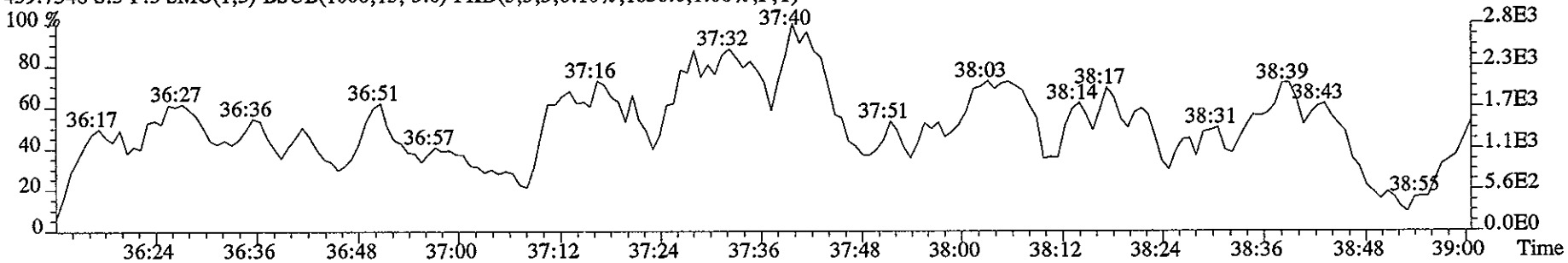


File:09JA068D5 #1-203 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

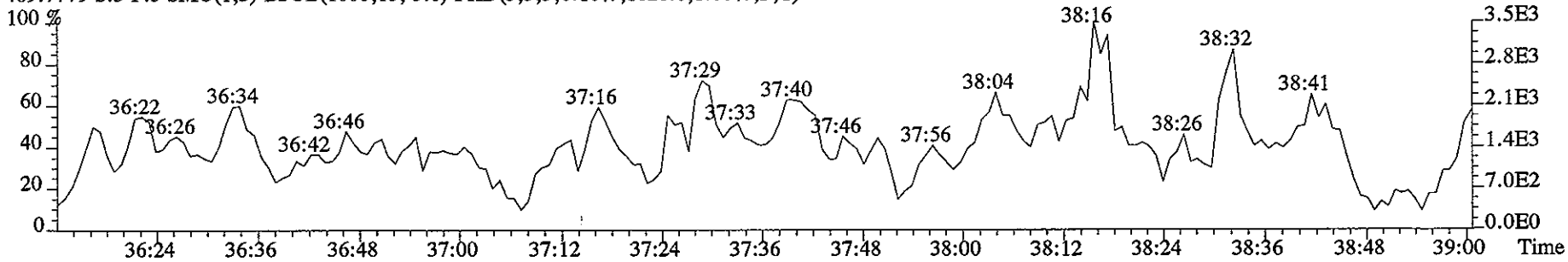
457.7377 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2068.0,1.00%,F,T)



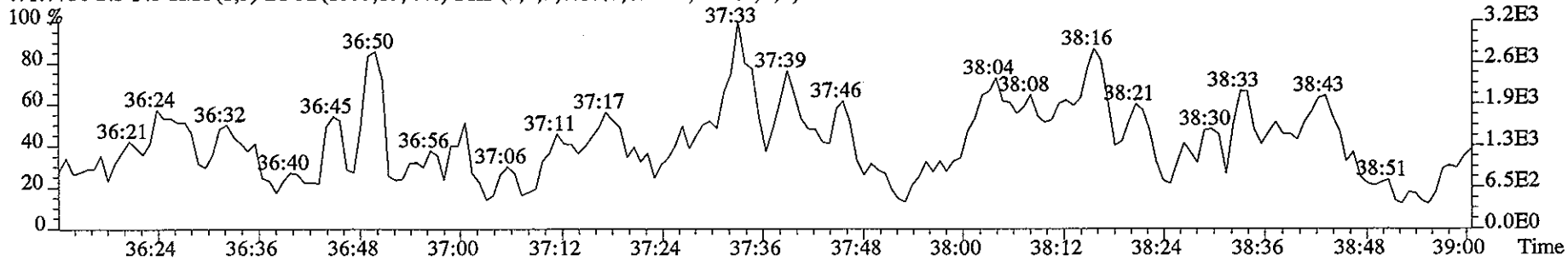
459.7348 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1836.0,1.00%,F,T)



469.7779 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1828.0,1.00%,F,T)

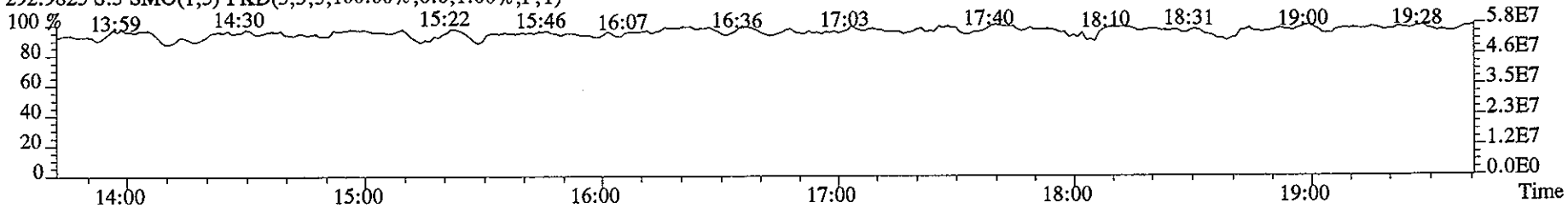


471.7750 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1556.0,1.00%,F,T)

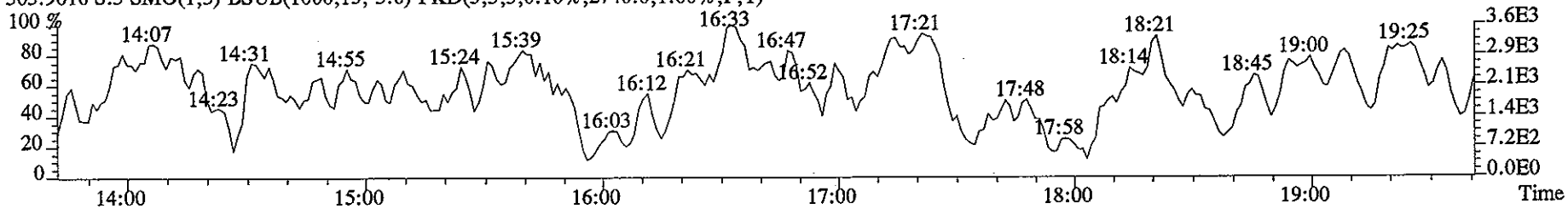


File:09JA068D5 #1-325 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

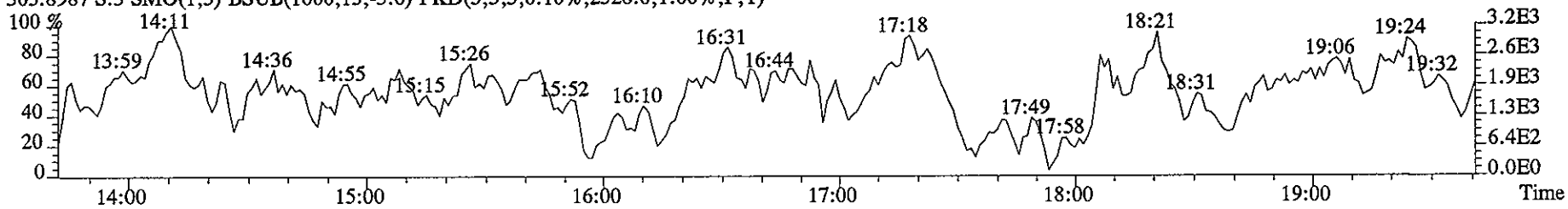
292.9825 S:3 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



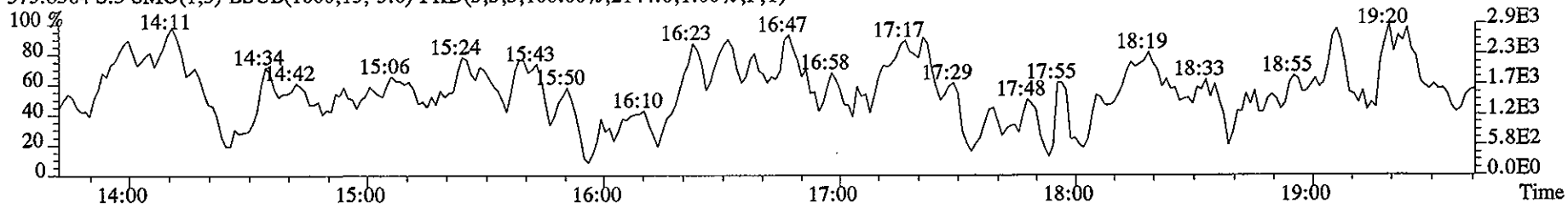
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2740.0,1.00%,F,T)



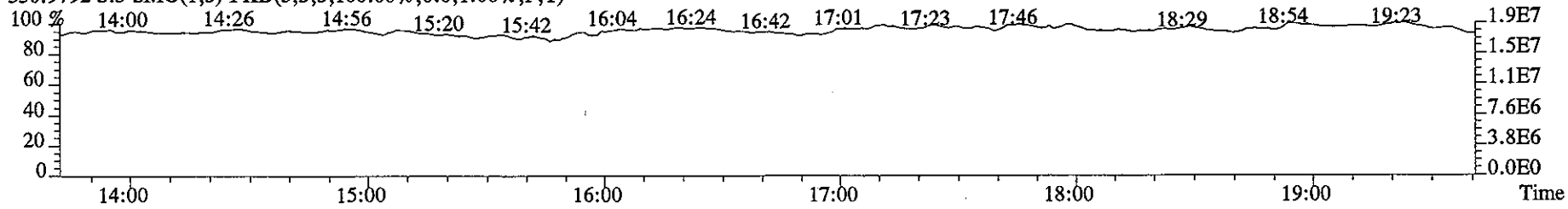
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2328.0,1.00%,F,T)



375.8364 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2144.0,1.00%,F,T)

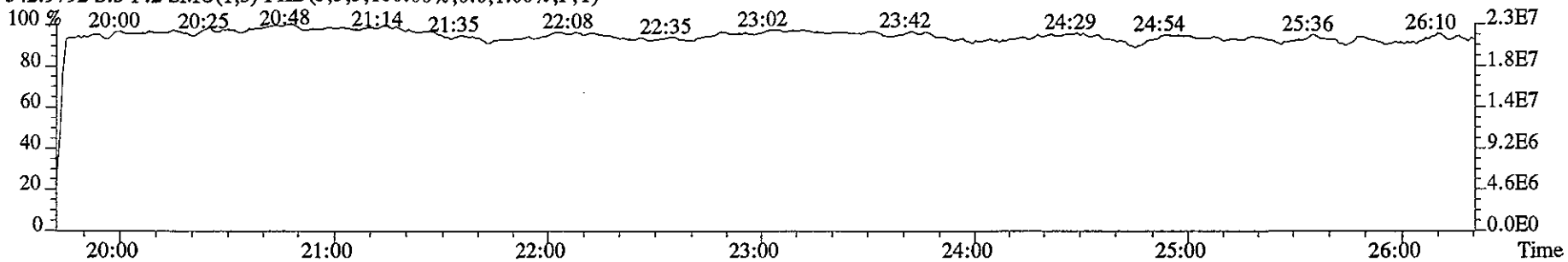


330.9792 S:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

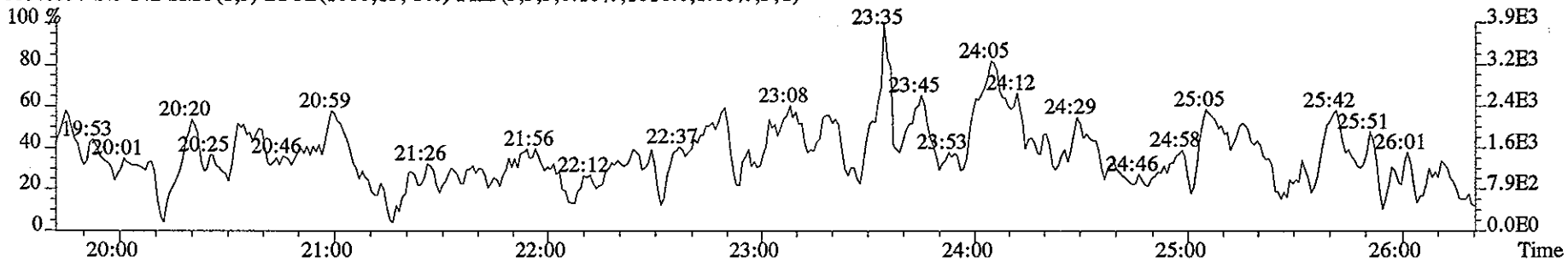


File:09JA068D5 #1-467 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

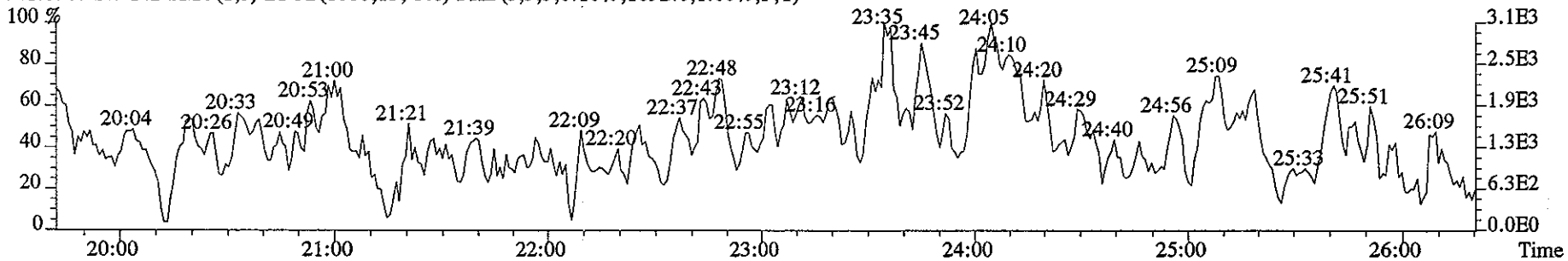
342.9792 S:3 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



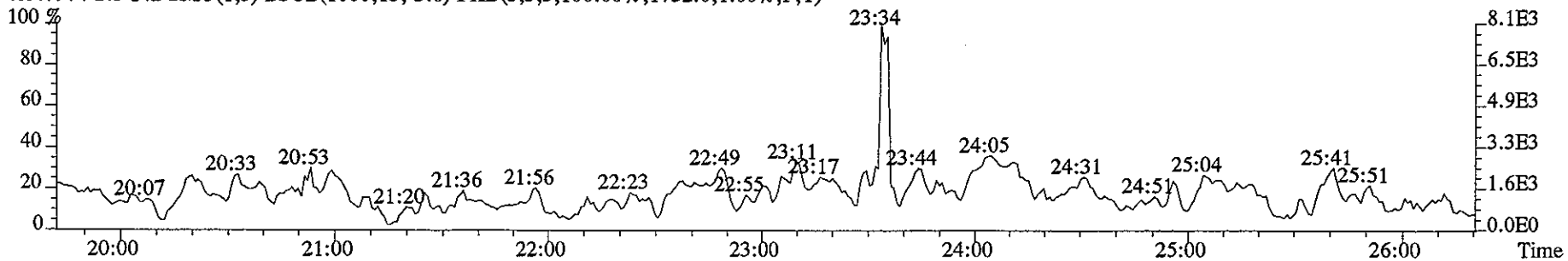
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1816.0,1.00%,F,T)



341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1692.0,1.00%,F,T)

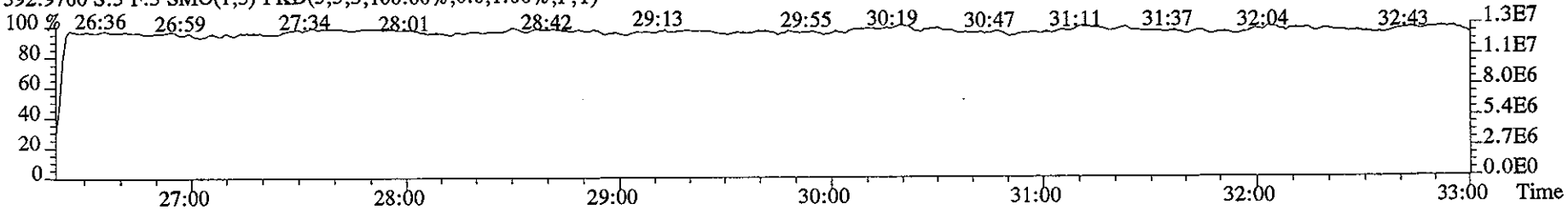


409.7974 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1732.0,1.00%,F,T)

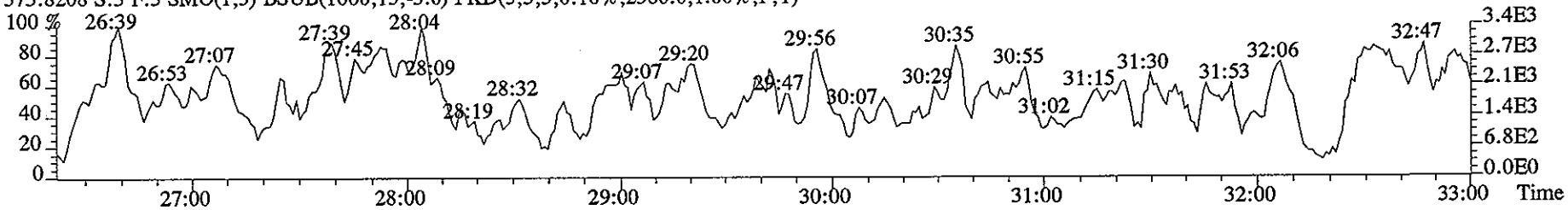


File:09JA068D5 #1-446 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

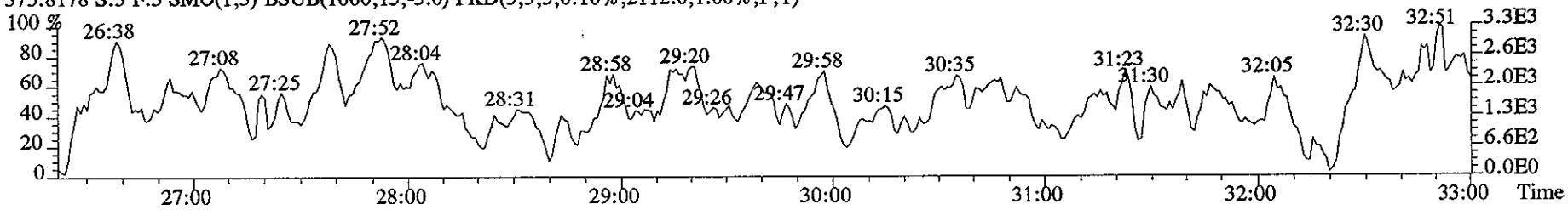
392.9760 S:3 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



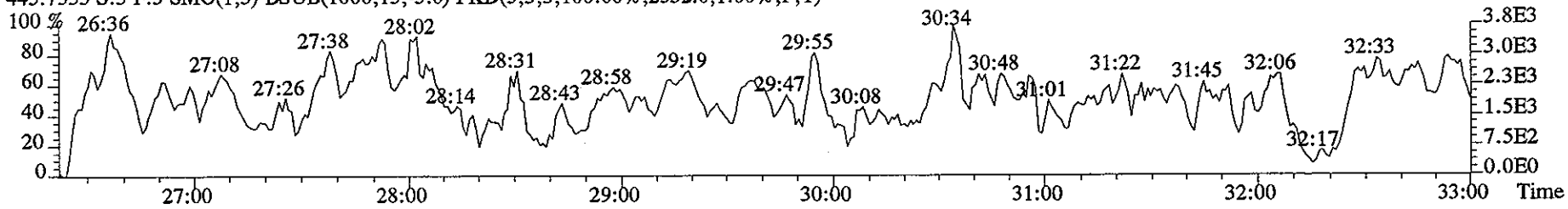
373.8208 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2380.0,1.00%,F,T)



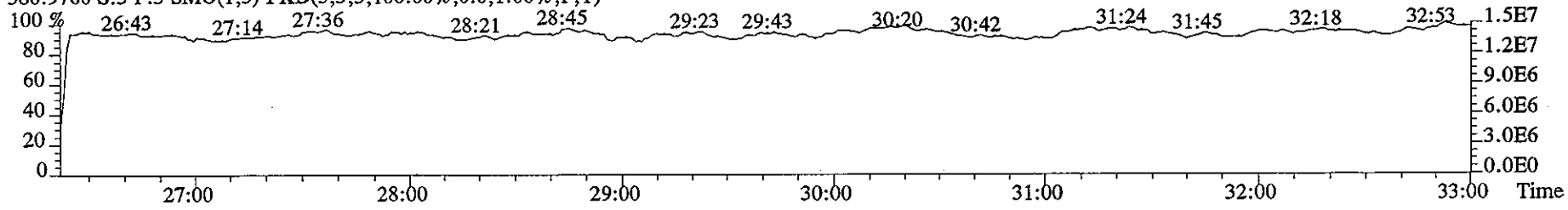
375.8178 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2112.0,1.00%,F,T)



445.7555 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2532.0,1.00%,F,T)

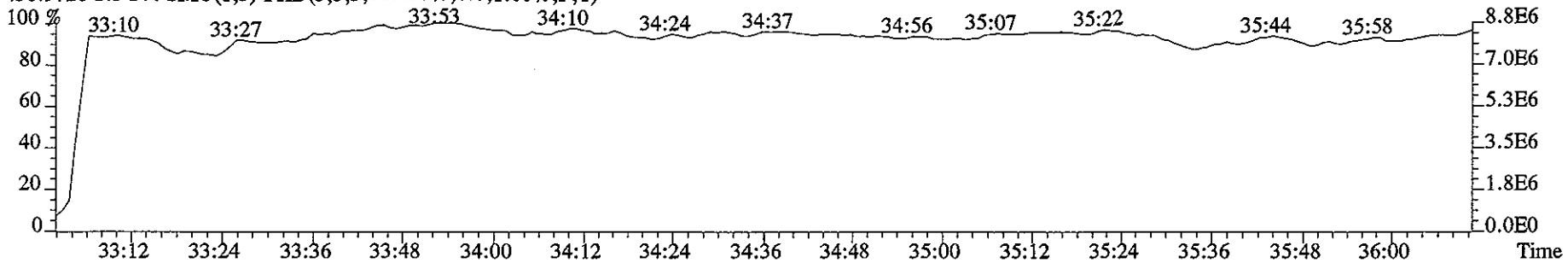


380.9760 S:3 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

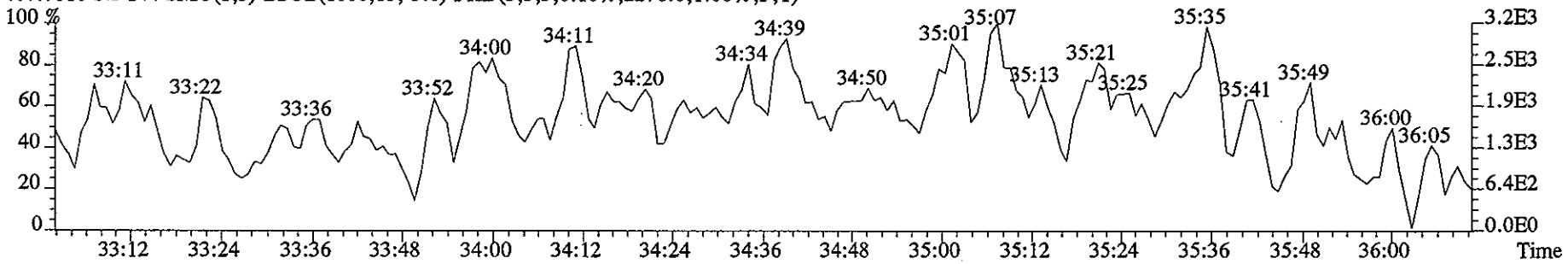


File:09JA068D5 #1-222 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN

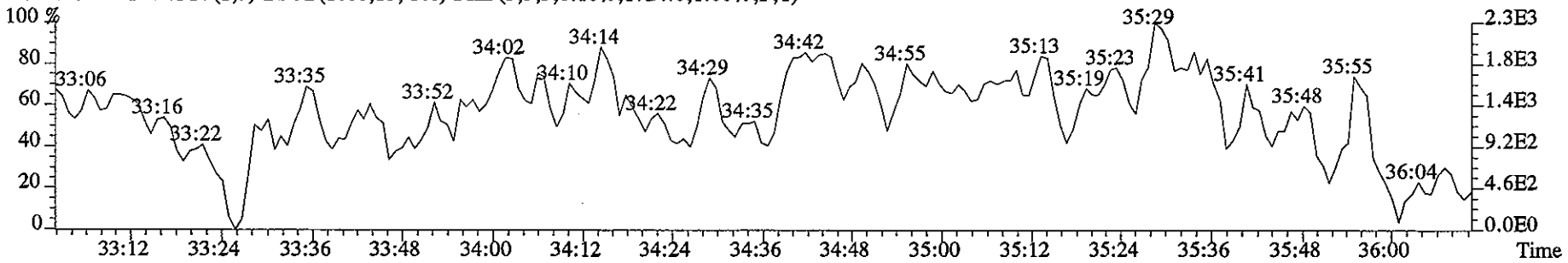
430.9728 S:3 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



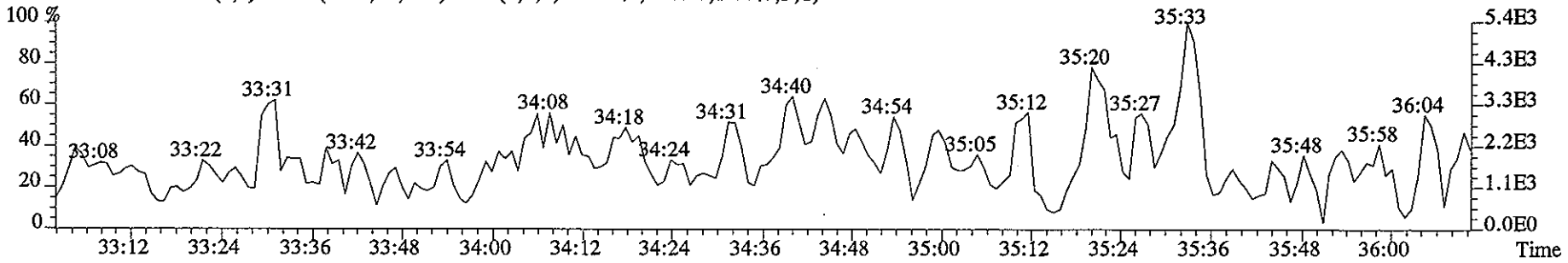
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2276.0,1.00%,F,T)



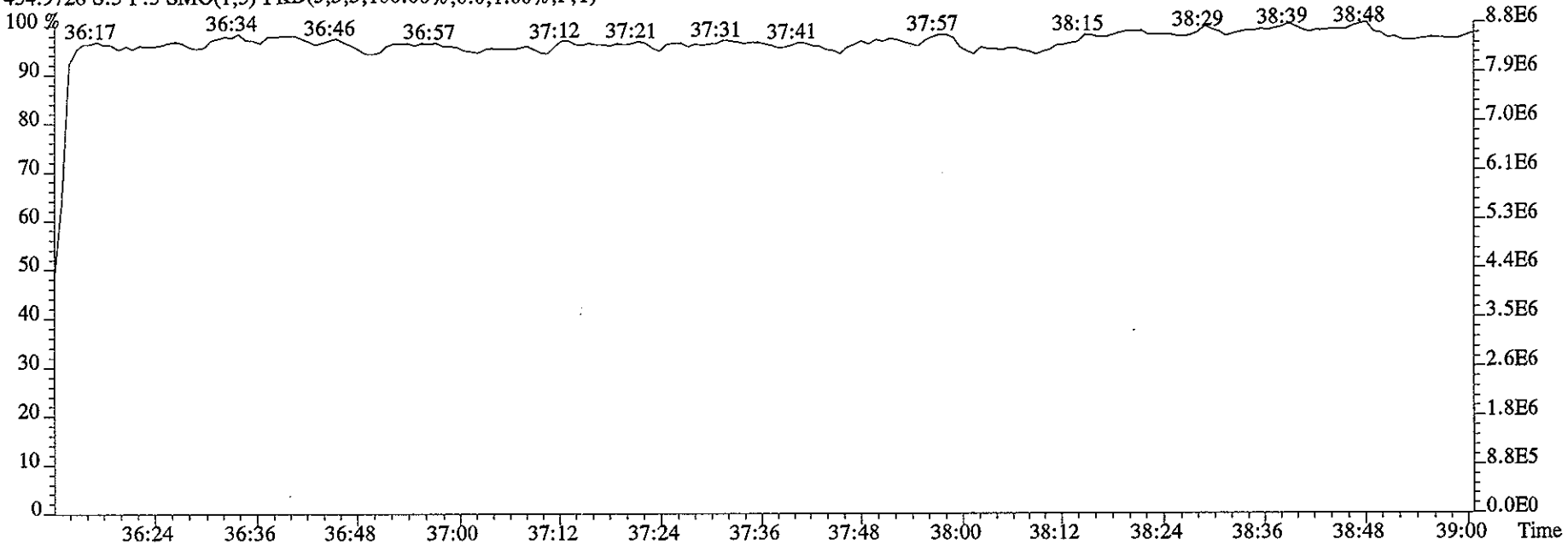
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1724.0,1.00%,F,T)



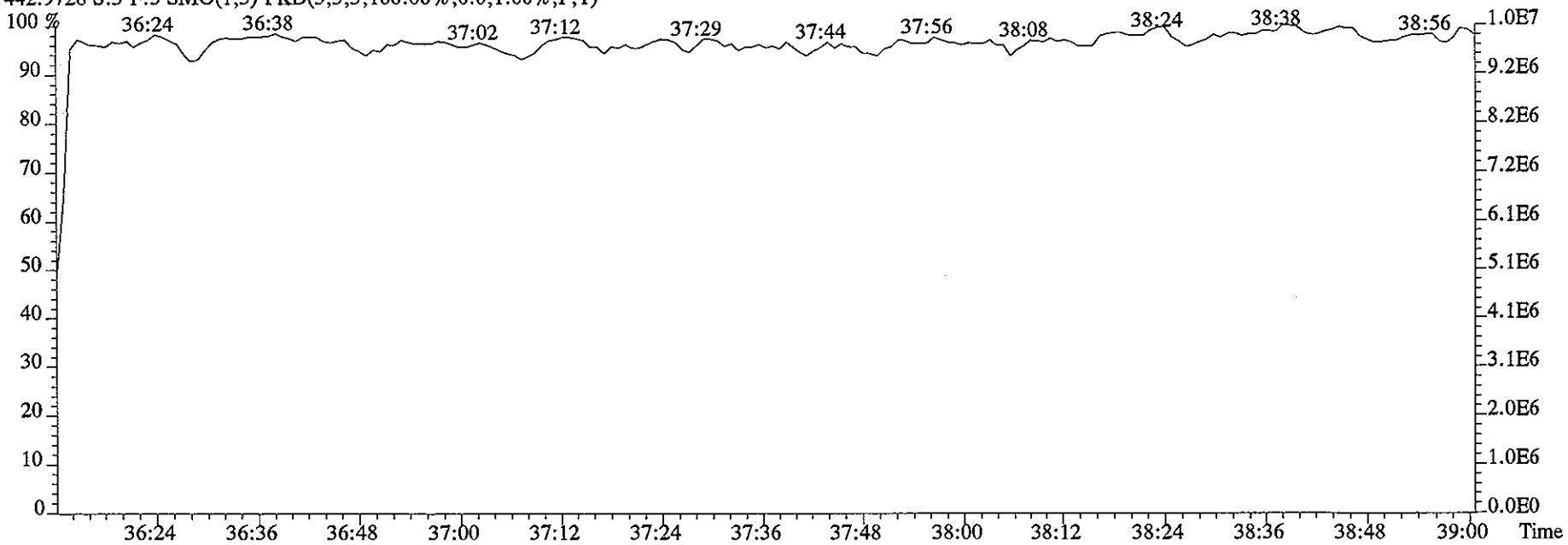
479.7165 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2040.0,1.00%,F,T)



File:09JA068D5 #1-203 Acq: 9-JAN-2006 16:51:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:SB0109 :Solvent Blank C-14 Exp:DIOXIN
454.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

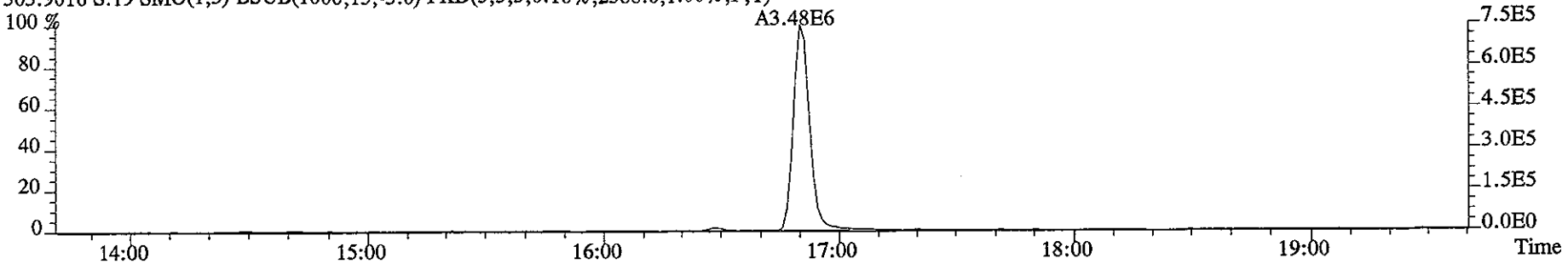


442.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

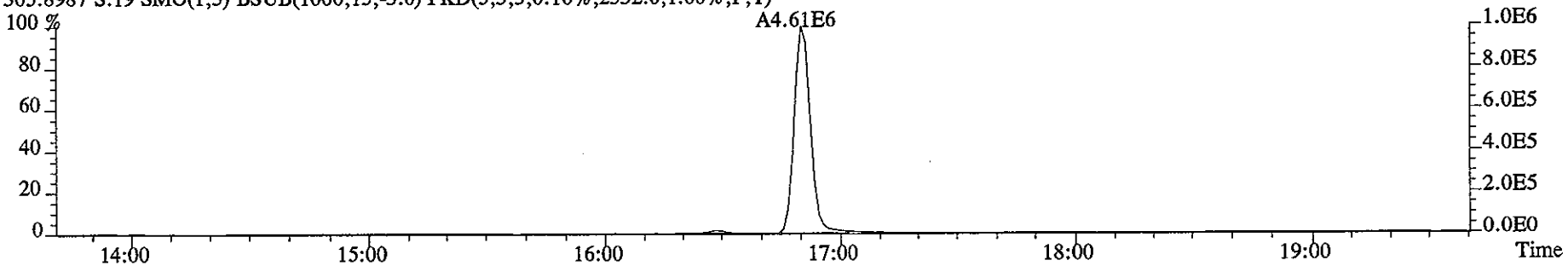


File:09JA068D5 #1-326 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN

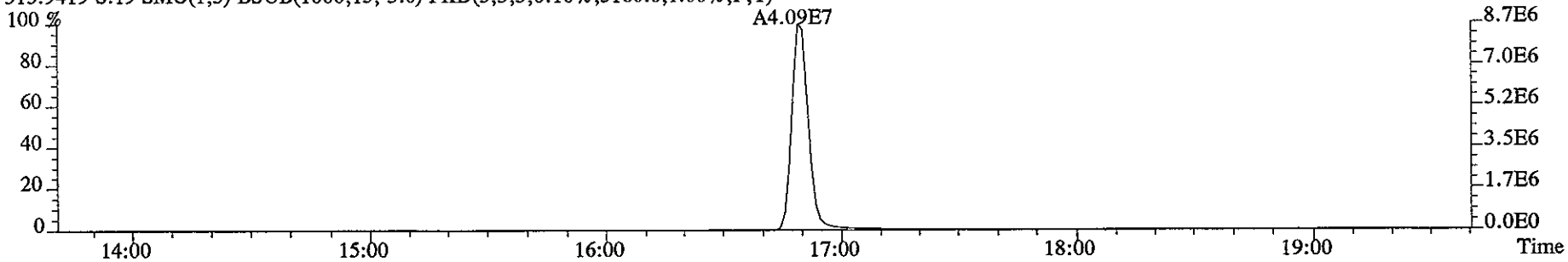
303.9016 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2588.0,1.00%,F,T)



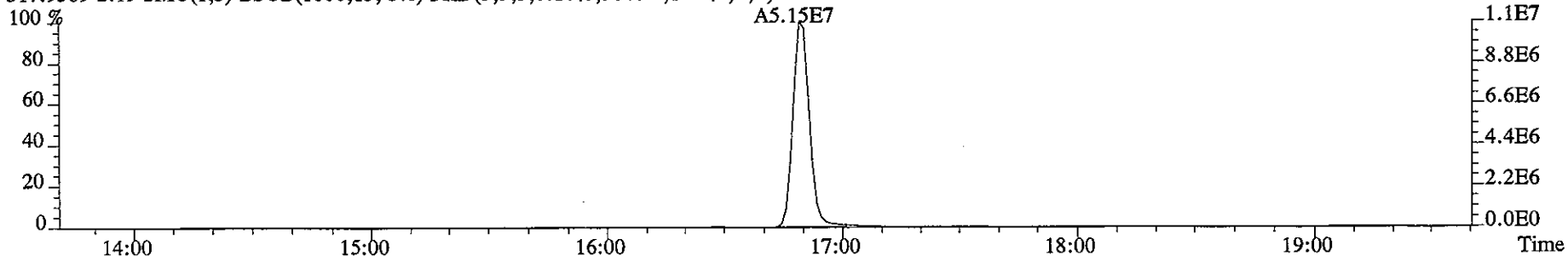
305.8987 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2332.0,1.00%,F,T)



315.9419 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3160.0,1.00%,F,T)

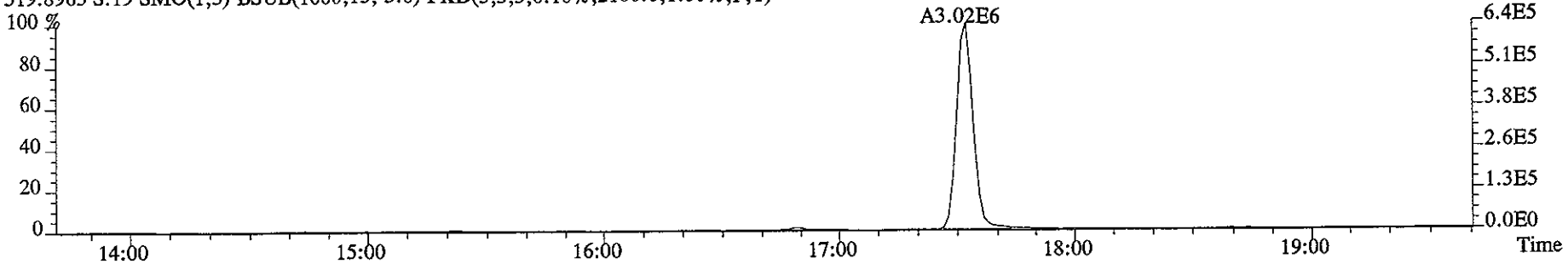


317.9389 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3648.0,1.00%,F,T)

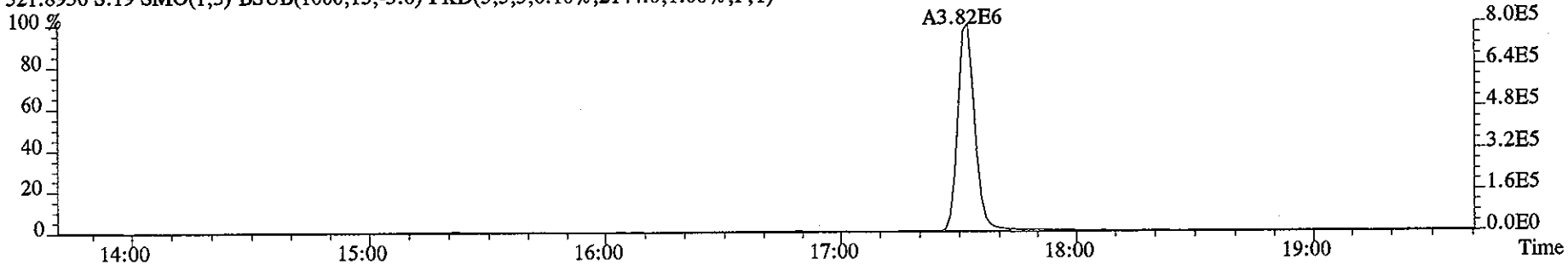


File:09JA068D5 #1-326 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN

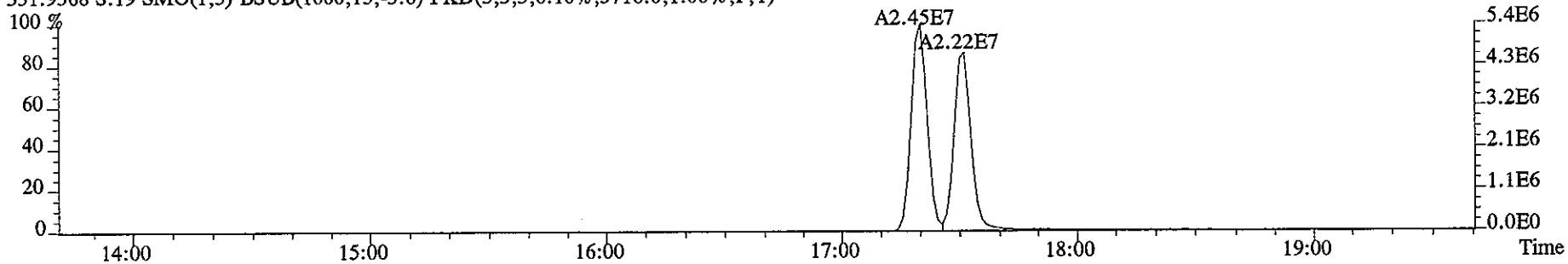
319.8965 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2100.0,1.00%,F,T)



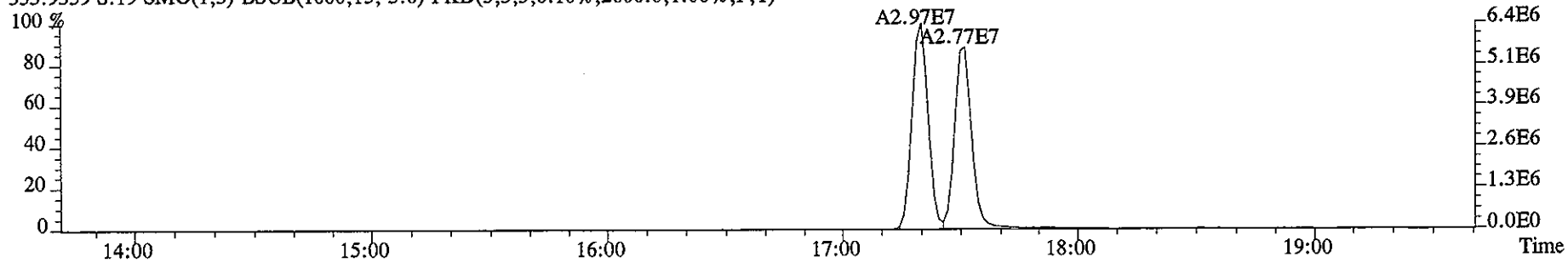
321.8936 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2144.0,1.00%,F,T)



331.9368 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3716.0,1.00%,F,T)

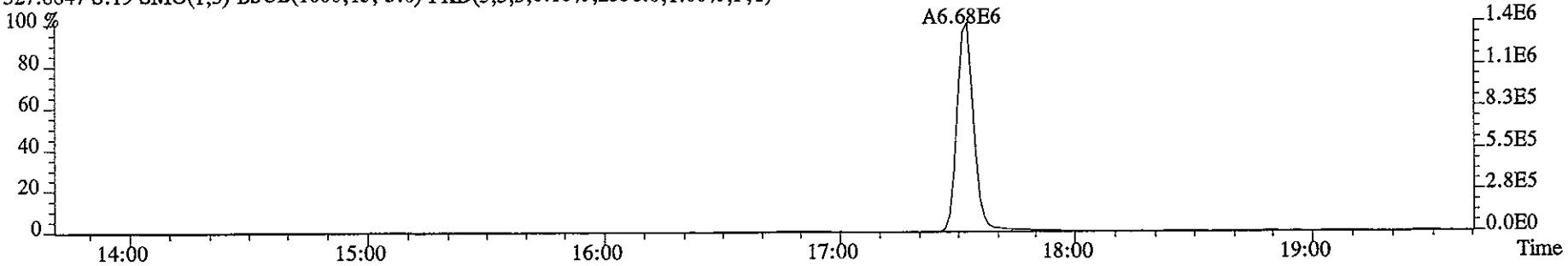


333.9339 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2600.0,1.00%,F,T)

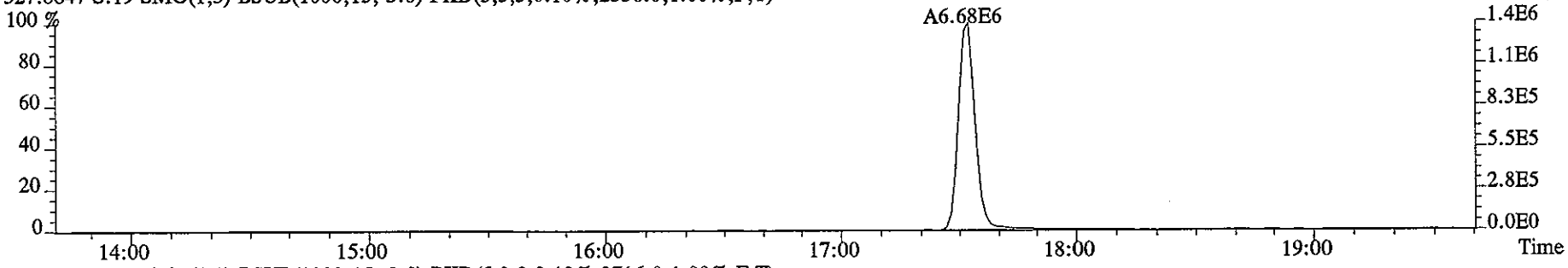


File:09JA068D5 #1-326 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN

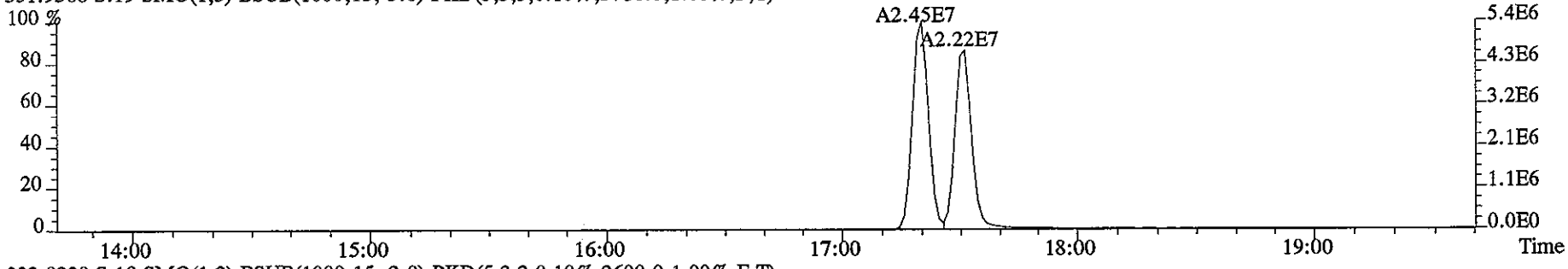
327.8847 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2556.0,1.00%,F,T)



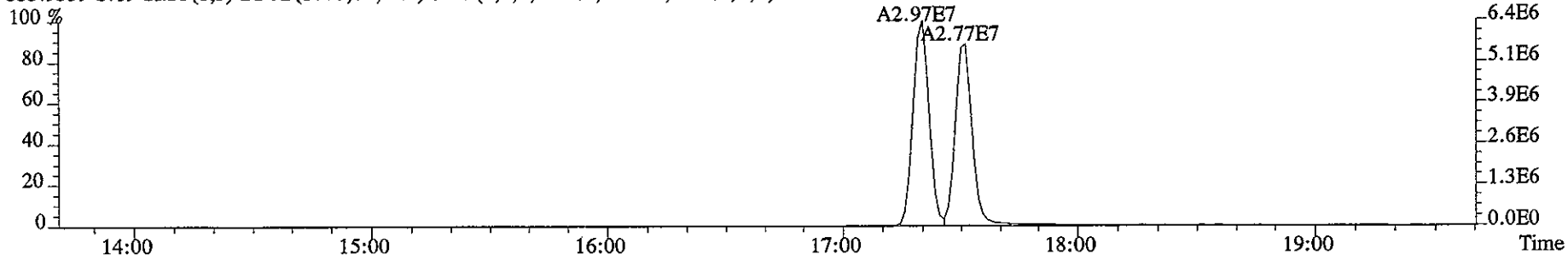
327.8847 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2556.0,1.00%,F,T)



331.9368 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3716.0,1.00%,F,T)

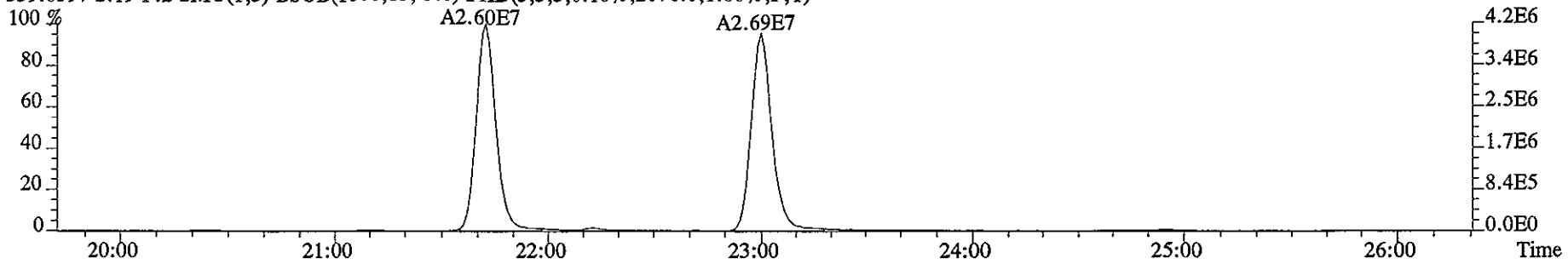


333.9339 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2600.0,1.00%,F,T)

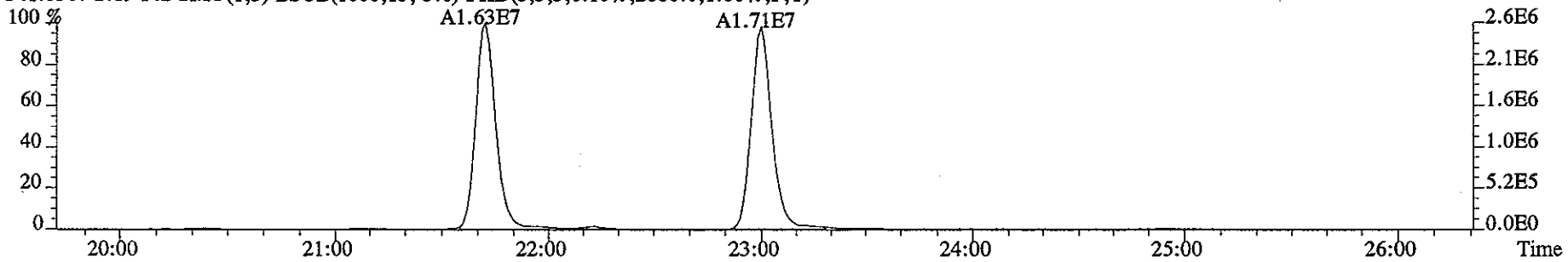


File:09JA068D5 #1-468 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN

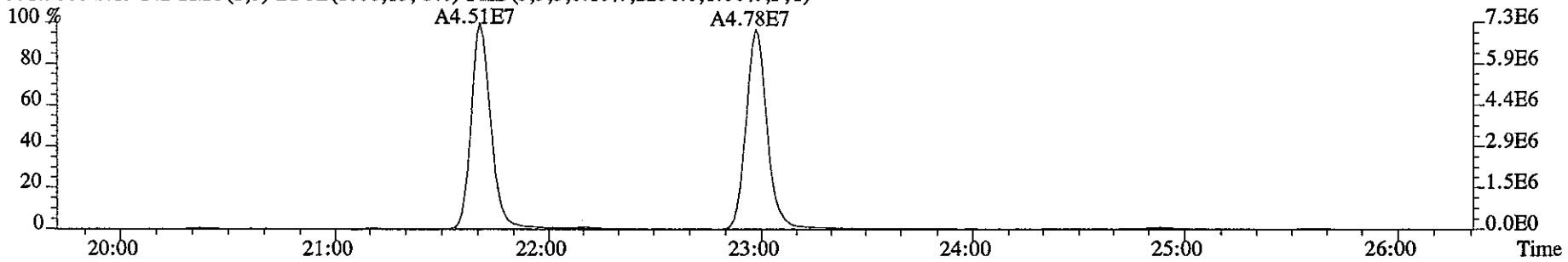
339.8597 S:19 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2076.0,1.00%,F,T)



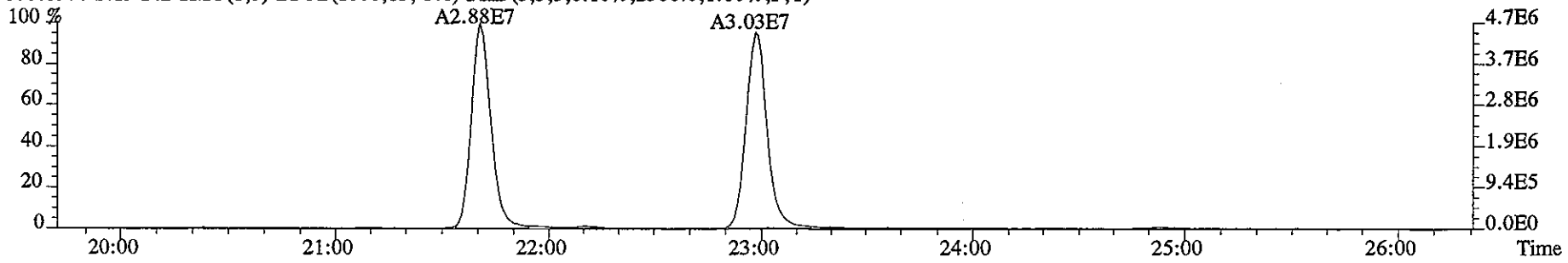
341.8567 S:19 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2880.0,1.00%,F,T)



351.9000 S:19 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2256.0,1.00%,F,T)

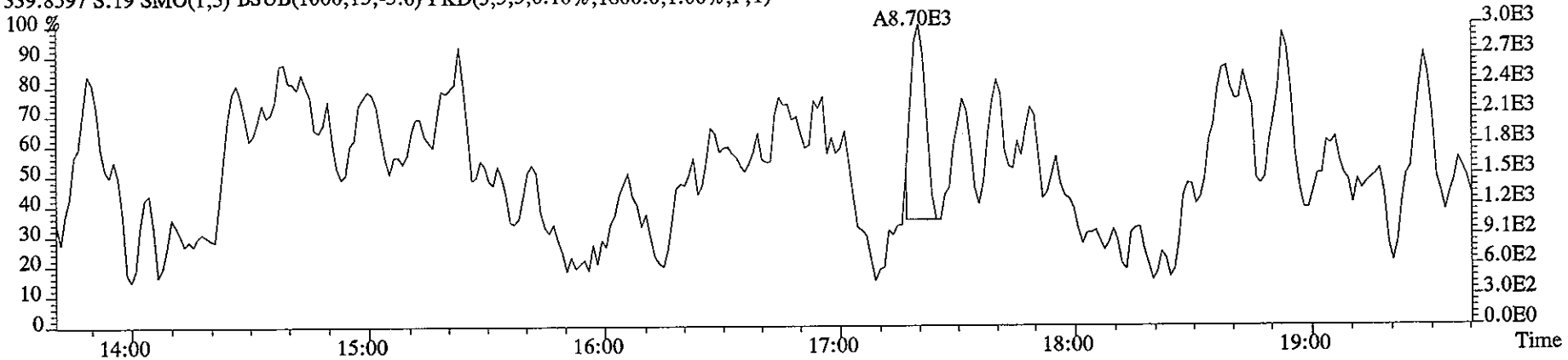


353.8970 S:19 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2388.0,1.00%,F,T)

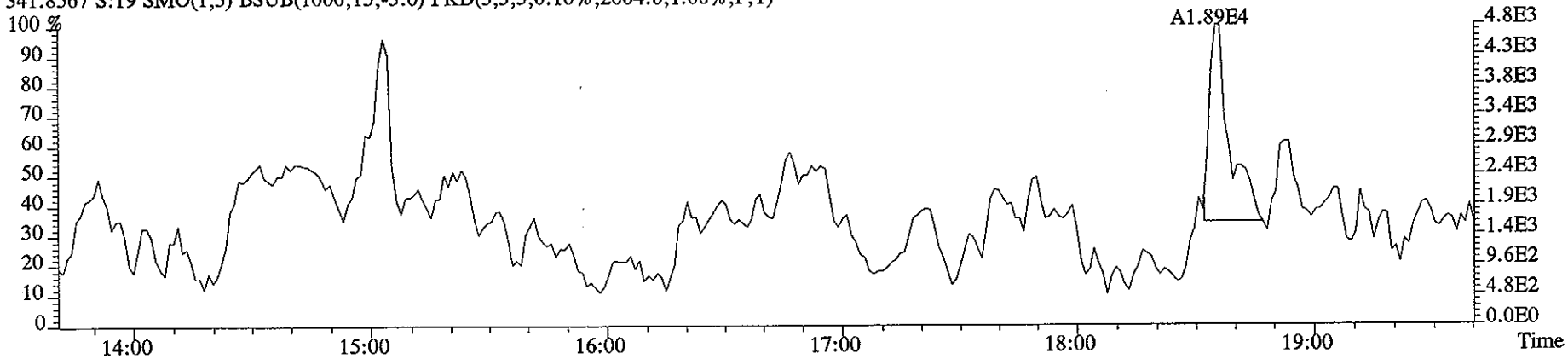


File:09JA068D5 #1-326 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN

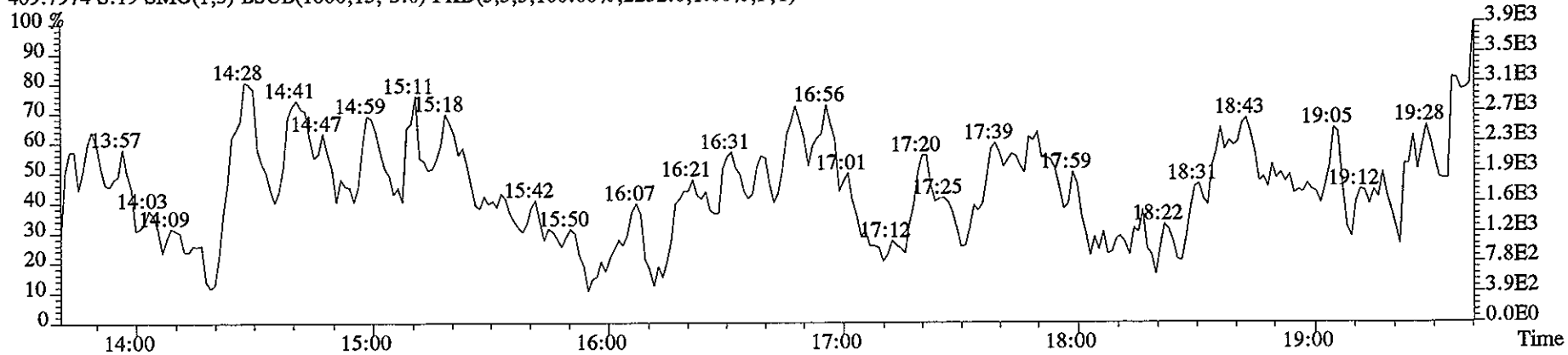
339.8597 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1800.0,1.00%,F,T)



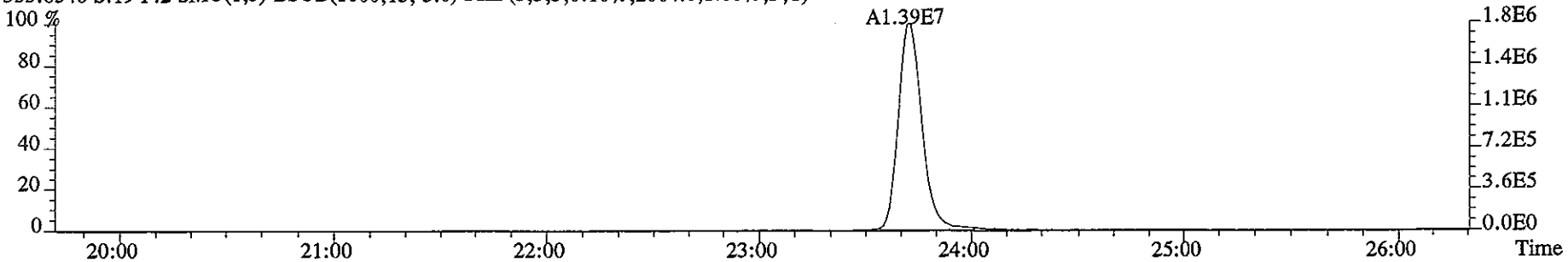
341.8567 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2004.0,1.00%,F,T)



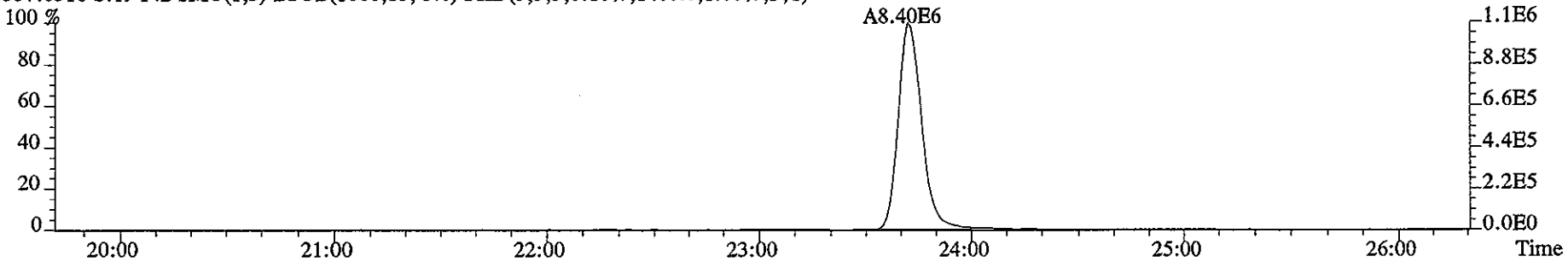
409.7974 S:19 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2232.0,1.00%,F,T)



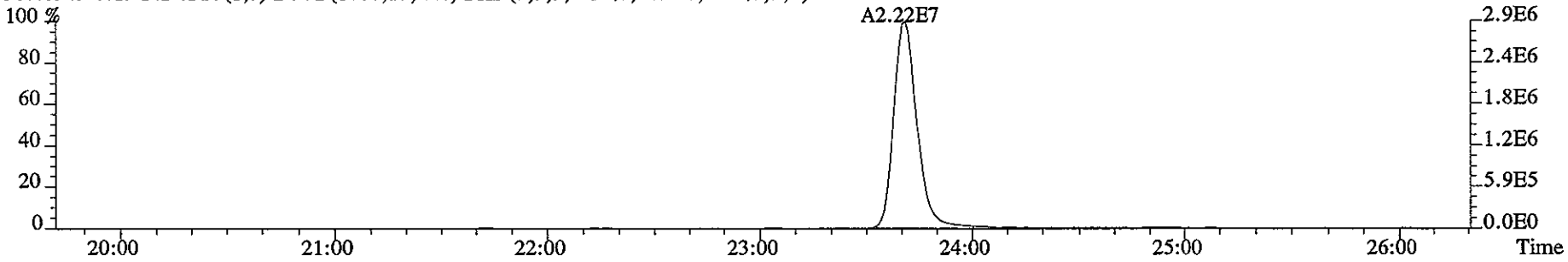
File:09JA068D5 #1-468 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN
355.8546 S:19 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2064.0,1.00%,F,T)



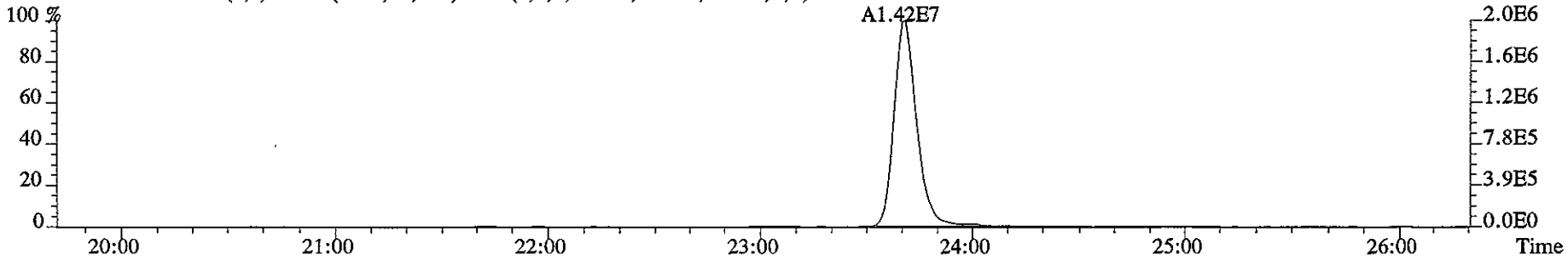
357.8516 S:19 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1400.0,1.00%,F,T)



367.8949 S:19 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2412.0,1.00%,F,T)

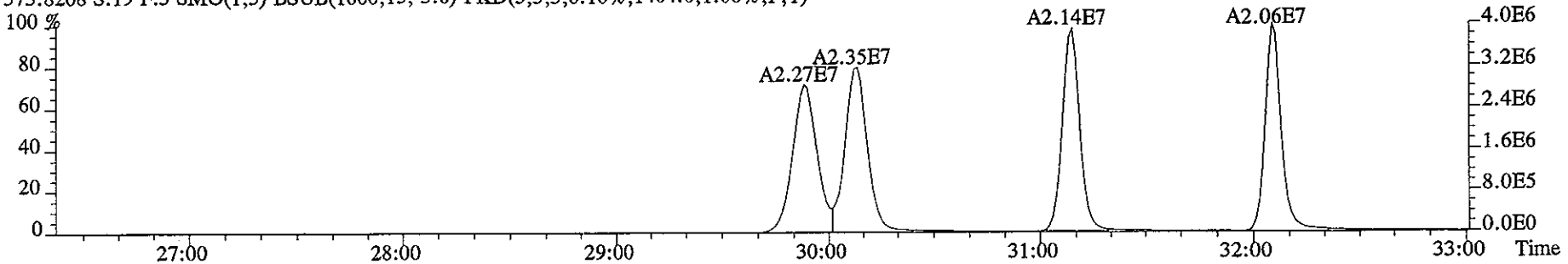


369.8919 S:19 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2268.0,1.00%,F,T)

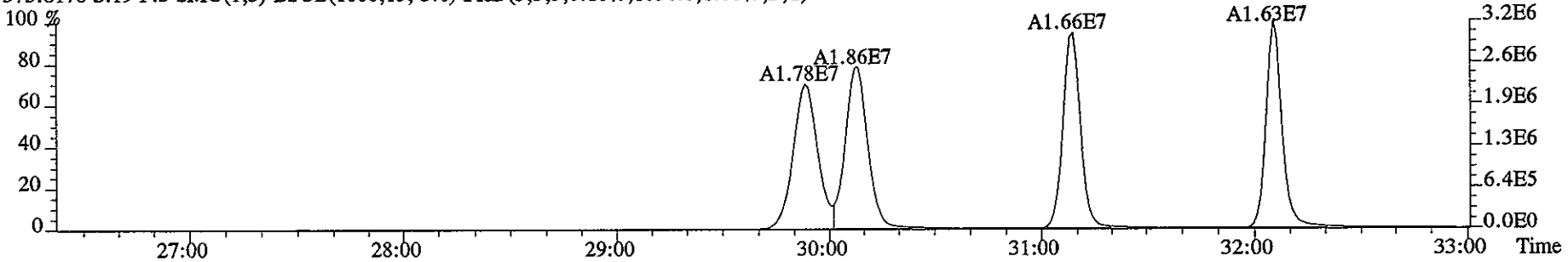


File:09JA068D5 #1-447 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN

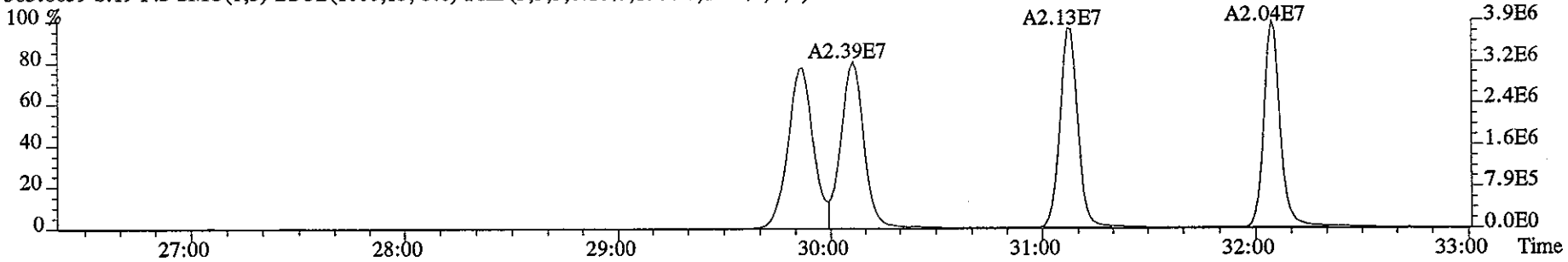
373.8208 S:19 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1404.0,1.00%,F,T)



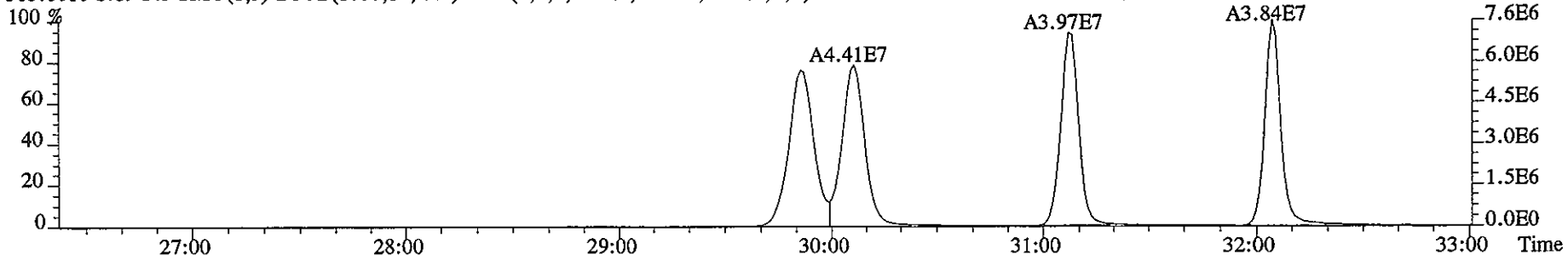
375.8178 S:19 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1836.0,1.00%,F,T)



383.8639 S:19 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1564.0,1.00%,F,T)

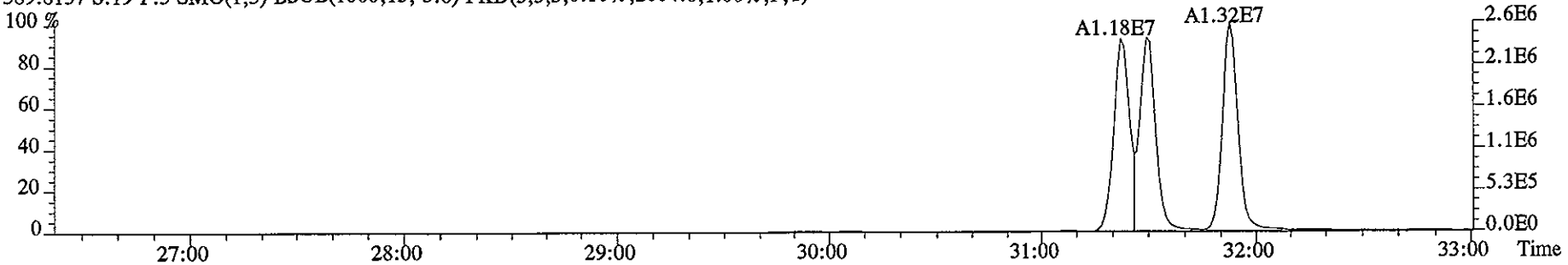


385.8610 S:19 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1788.0,1.00%,F,T)

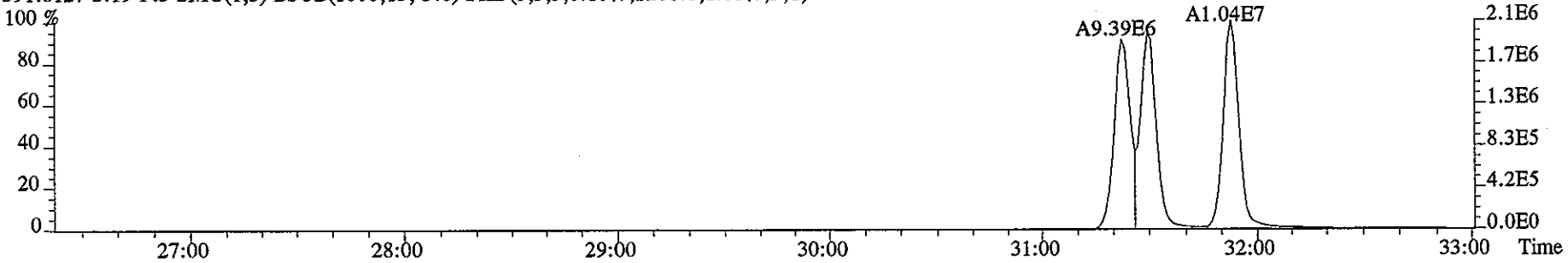


File:09JA068D5 #1-447 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN

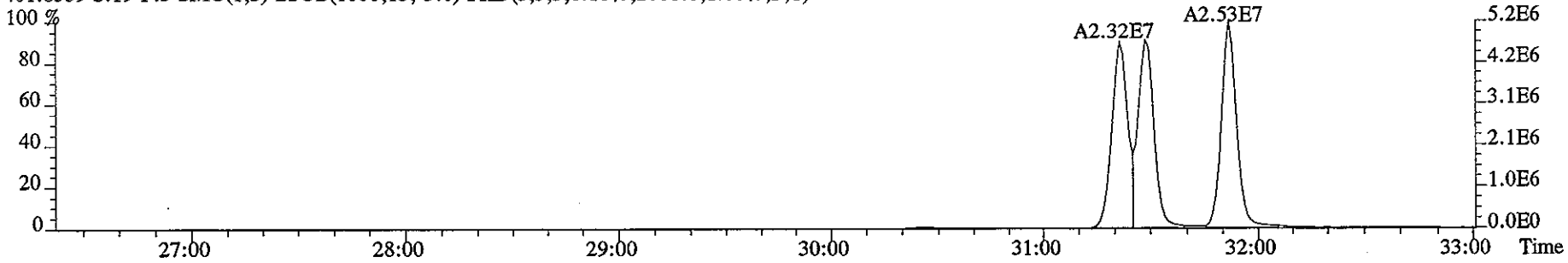
389.8157 S:19 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2004.0,1.00%,F,T)



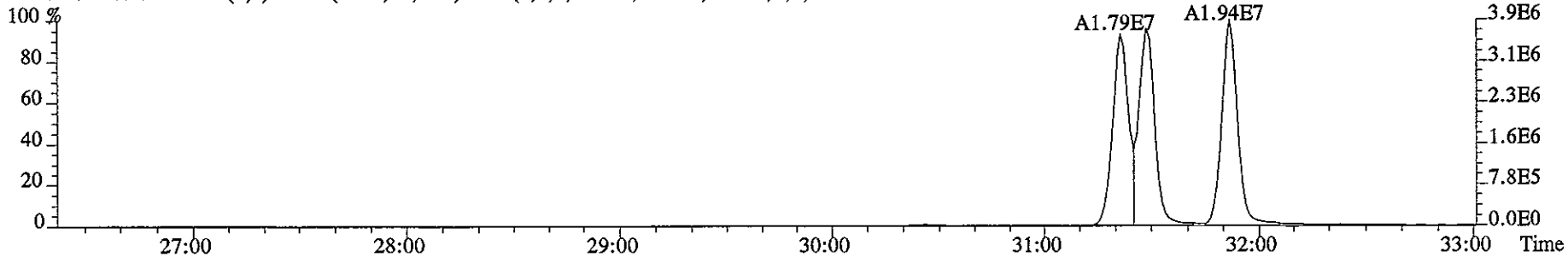
391.8127 S:19 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2208.0,1.00%,F,T)



401.8559 S:19 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2088.0,1.00%,F,T)

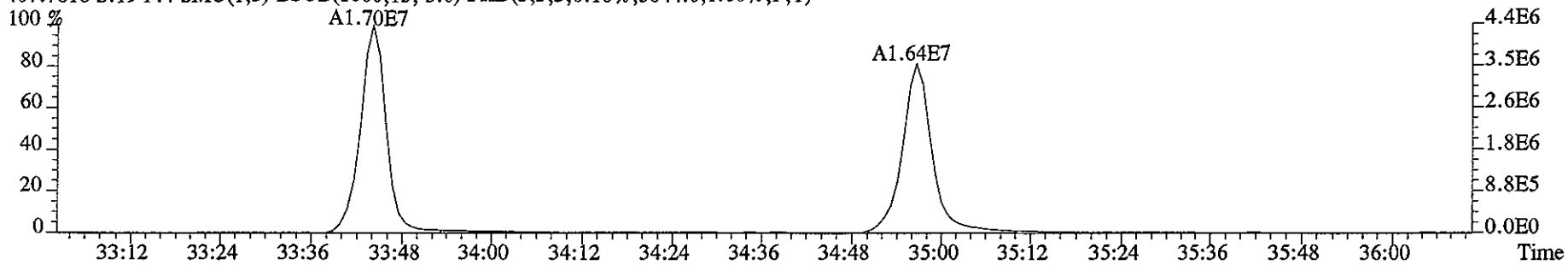


403.8529 S:19 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2268.0,1.00%,F,T)

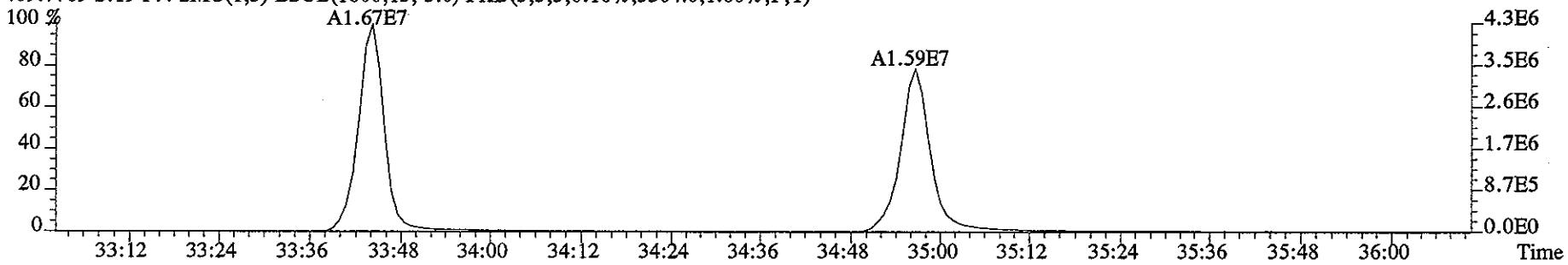


File:09JA068D5 #1-222 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN

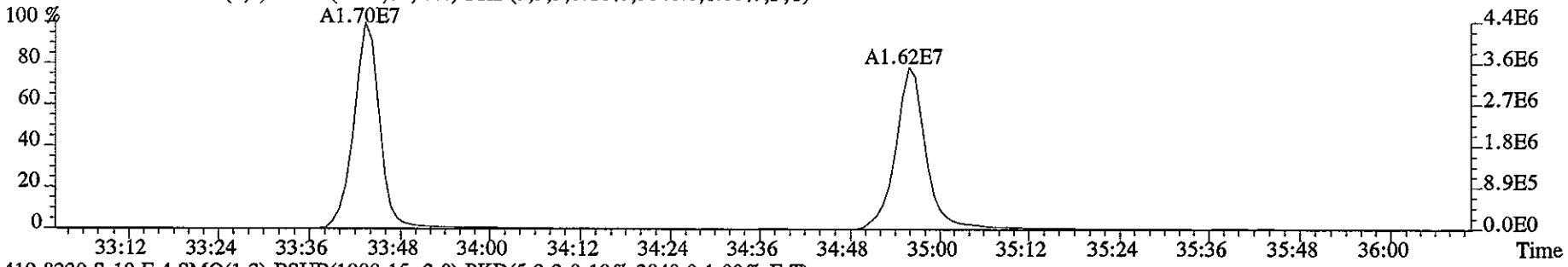
407.7818 S:19 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5044.0,1.00%,F,T)



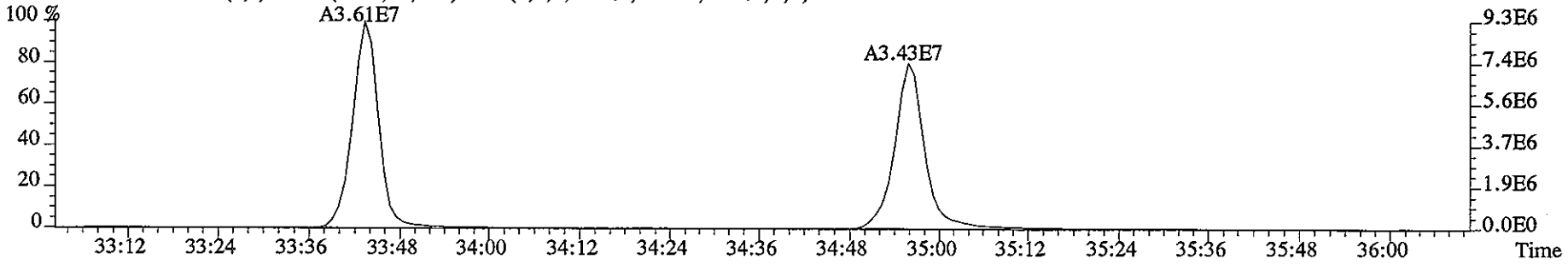
409.7789 S:19 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3304.0,1.00%,F,T)



417.8253 S:19 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5848.0,1.00%,F,T)

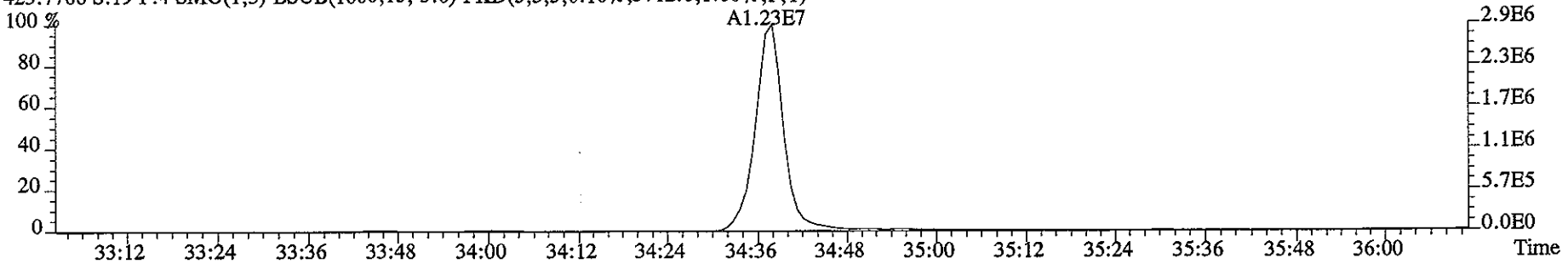


419.8220 S:19 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2840.0,1.00%,F,T)

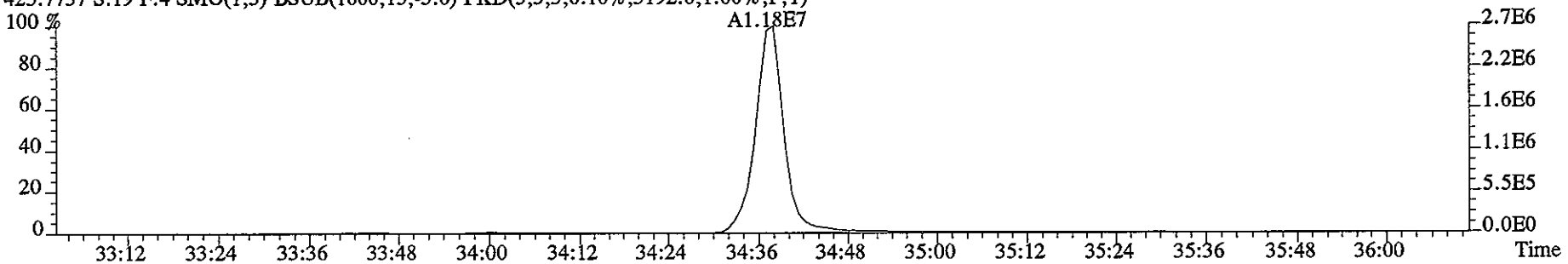


File:09JA068D5 #1-222 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN

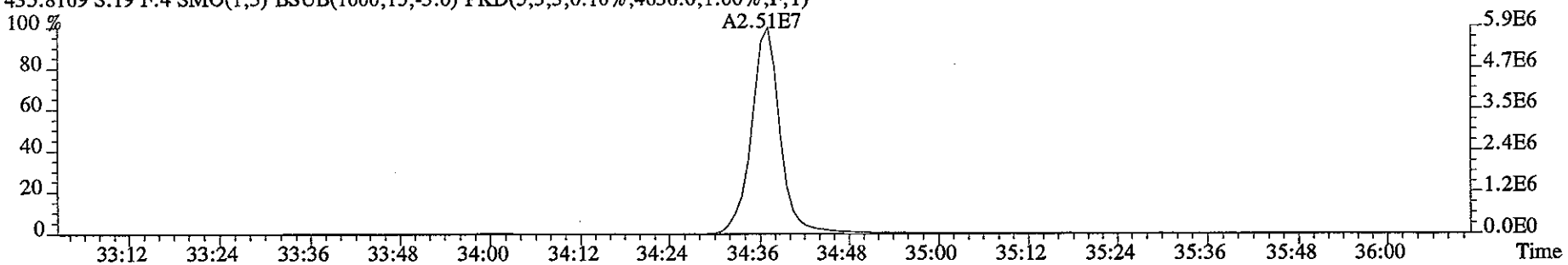
423.7766 S:19 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3712.0,1.00%,F,T)



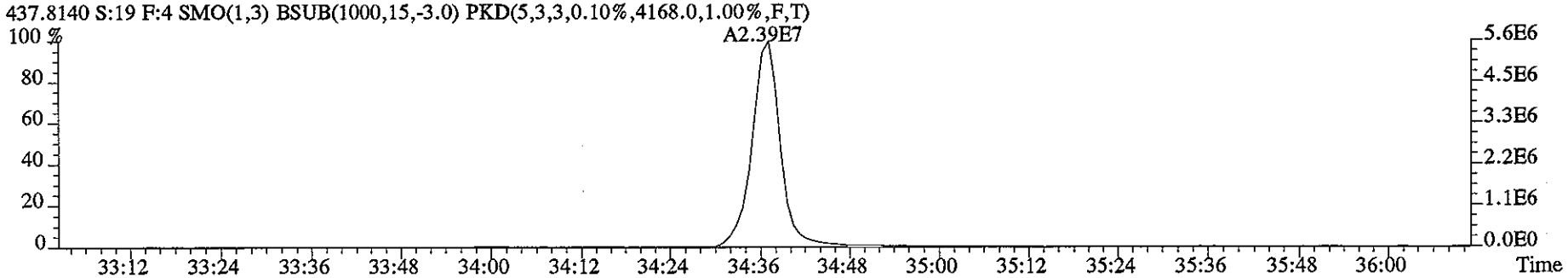
425.7737 S:19 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3192.0,1.00%,F,T)



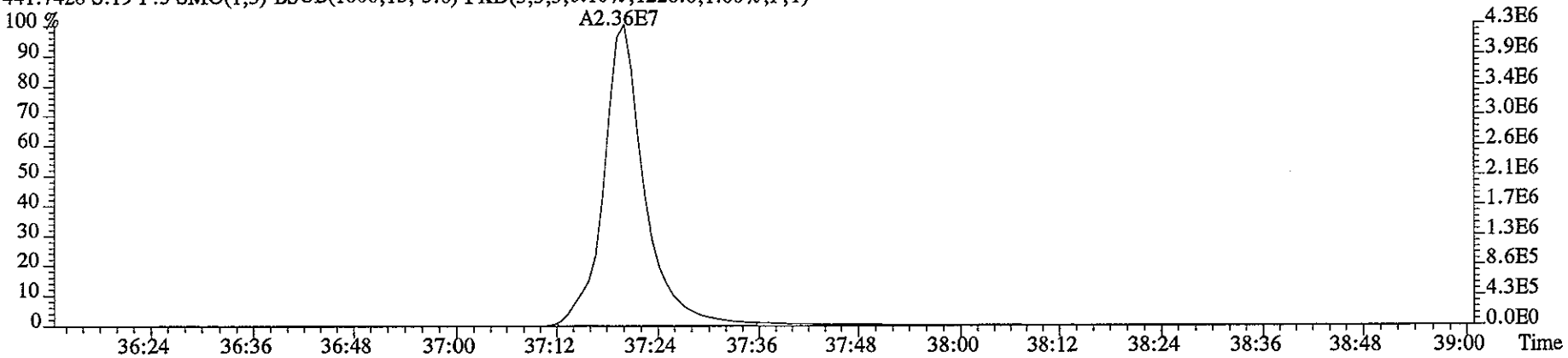
435.8169 S:19 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4636.0,1.00%,F,T)



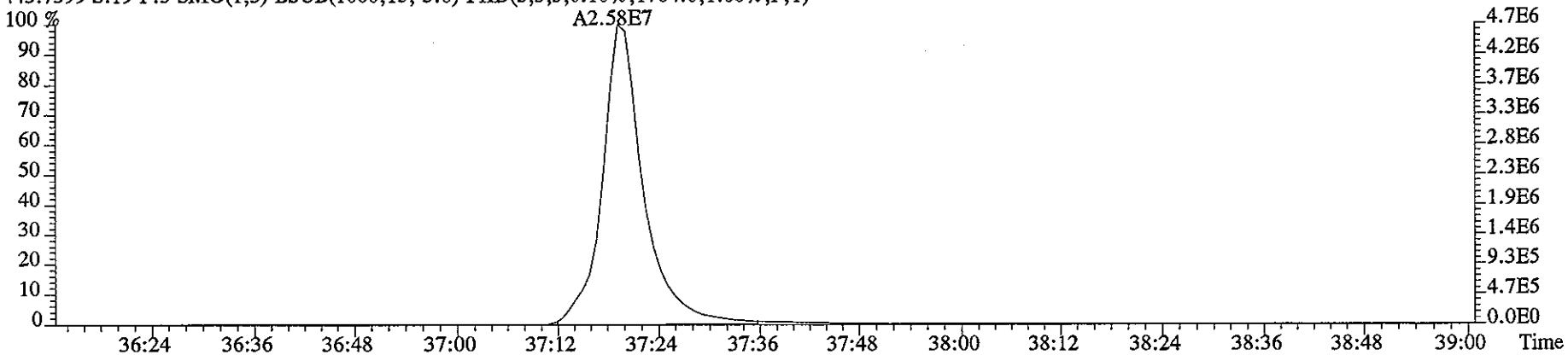
437.8140 S:19 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4168.0,1.00%,F,T)



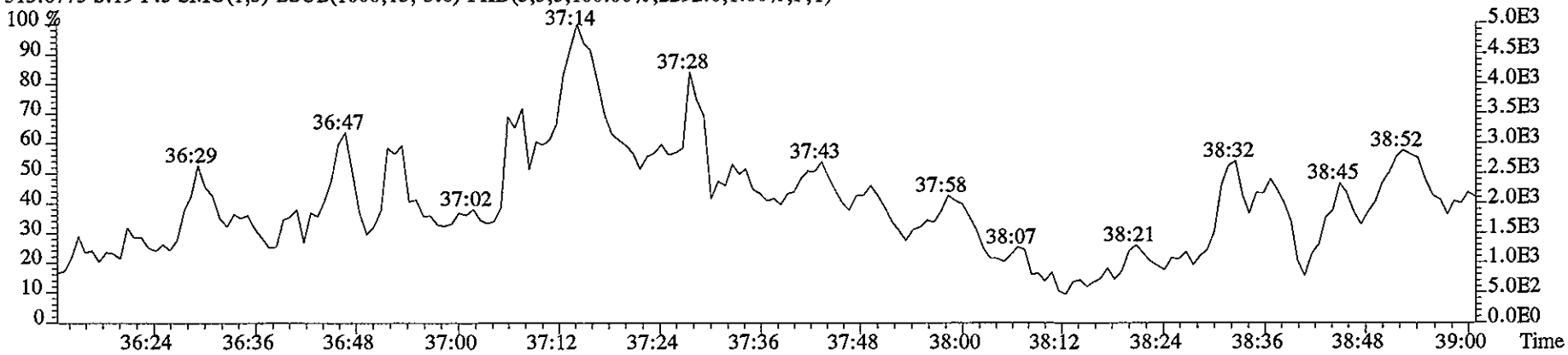
File:09JA068D5 #1-203 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN
441.7428 S:19 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1228.0,1.00%,F,T)



443.7399 S:19 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1704.0,1.00%,F,T)

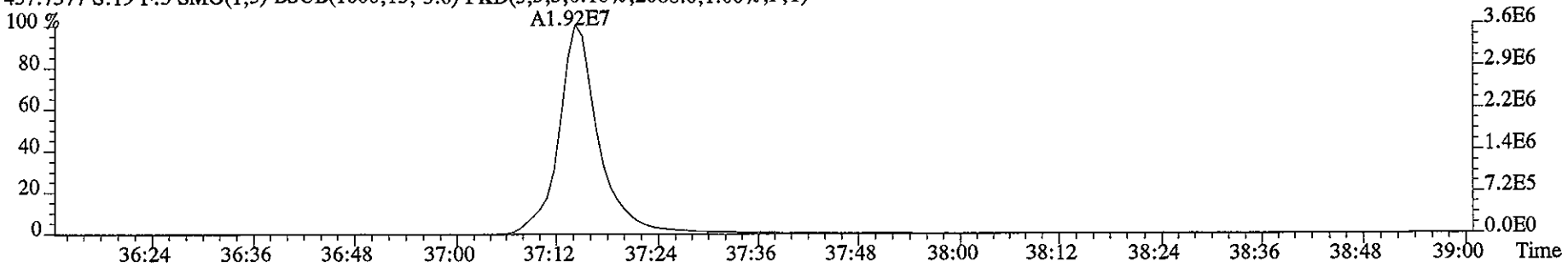


513.6775 S:19 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2292.0,1.00%,F,T)

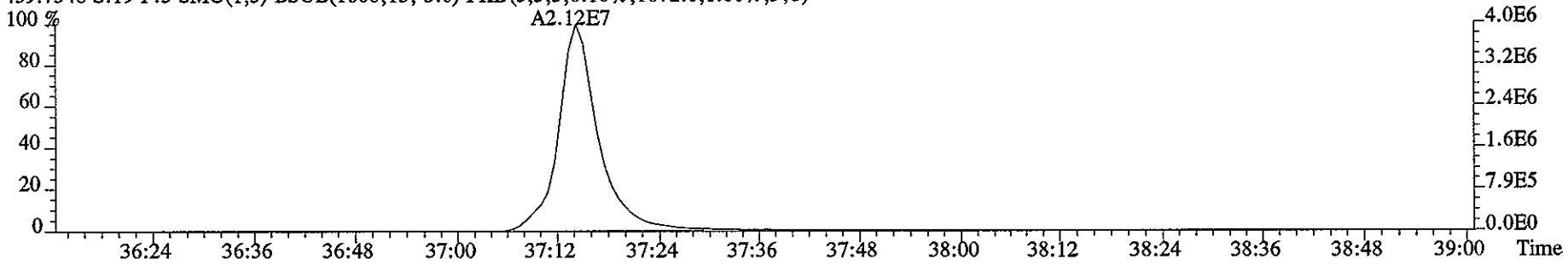


File:09JA068D5 #1-203 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN

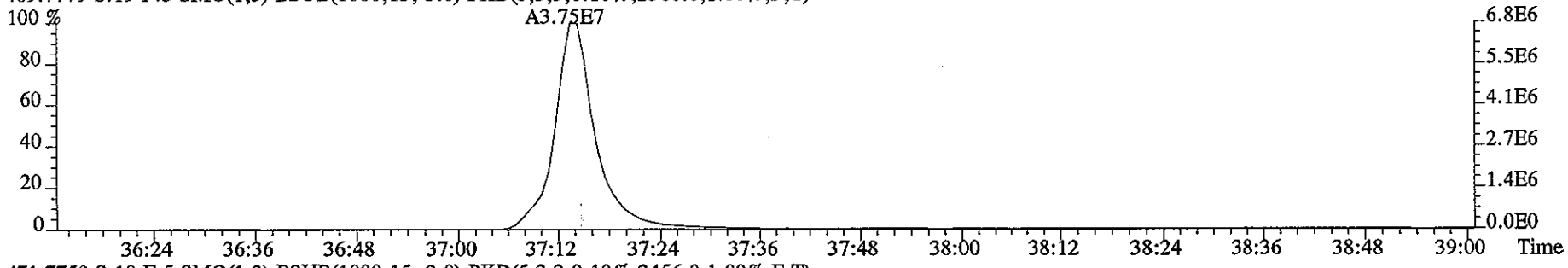
457.7377 S:19 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2088.0,1.00%,F,T)



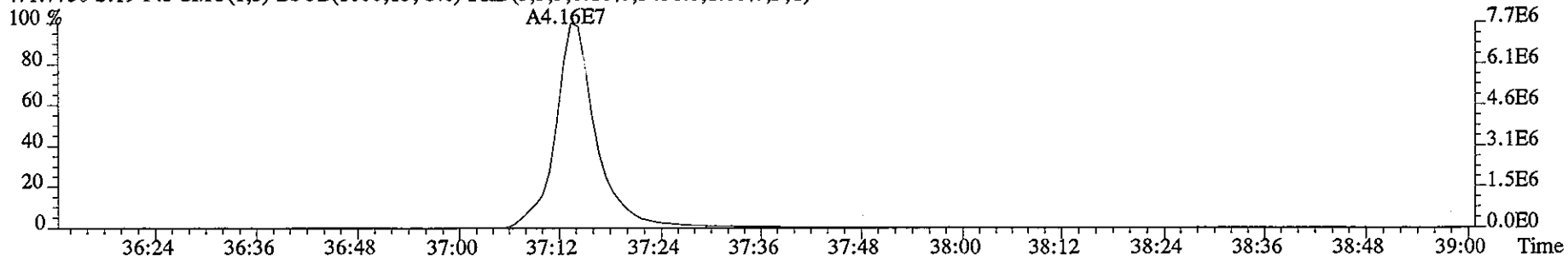
459.7348 S:19 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1672.0,1.00%,F,T)



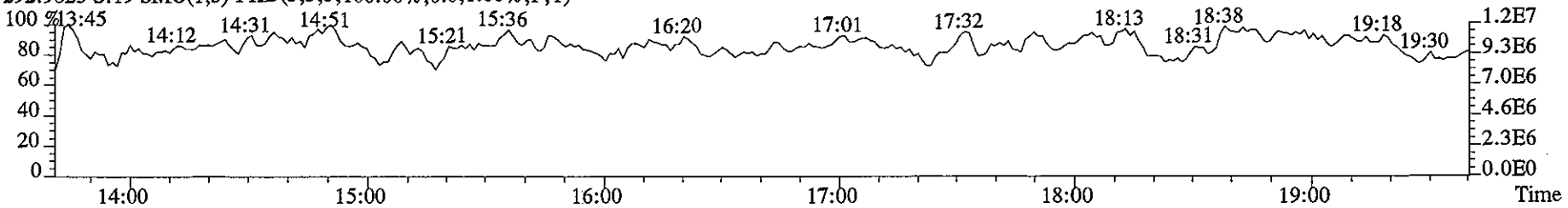
469.7779 S:19 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2360.0,1.00%,F,T)

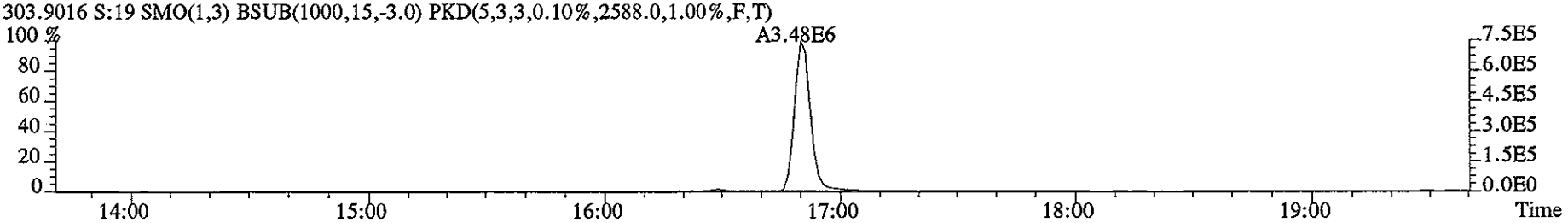


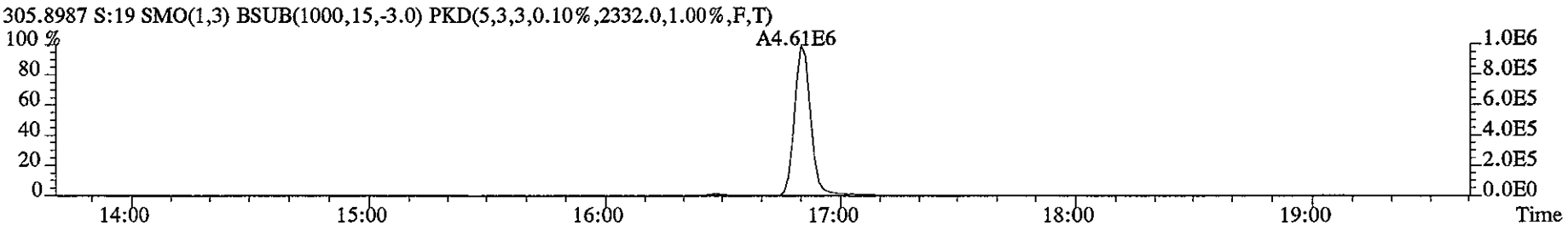
471.7750 S:19 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3456.0,1.00%,F,T)

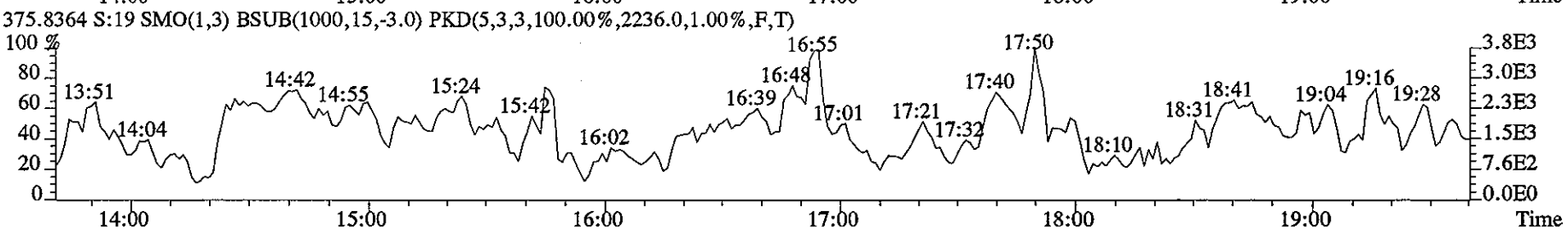


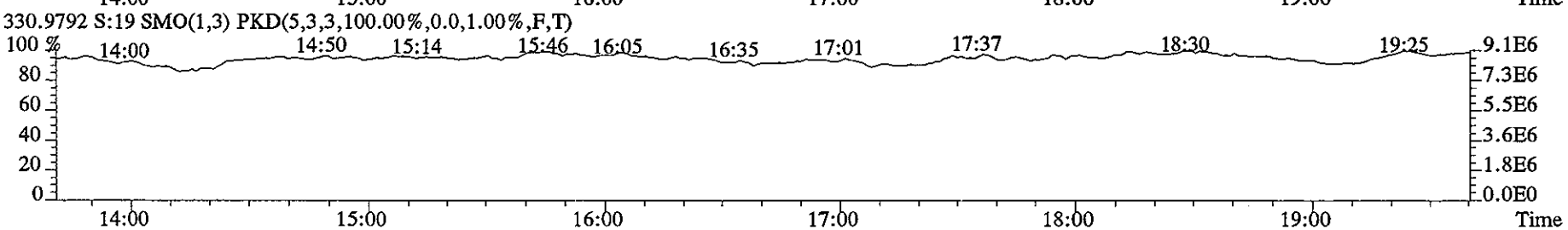
File:09JA068D5 #1-326 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN



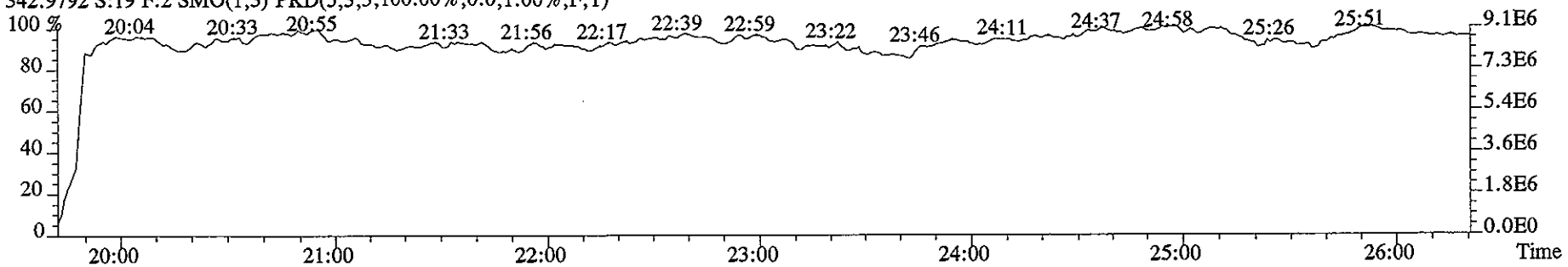


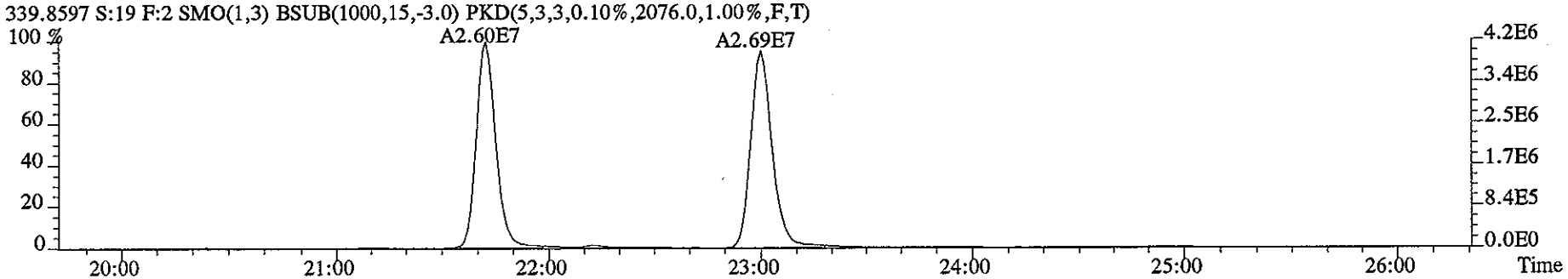


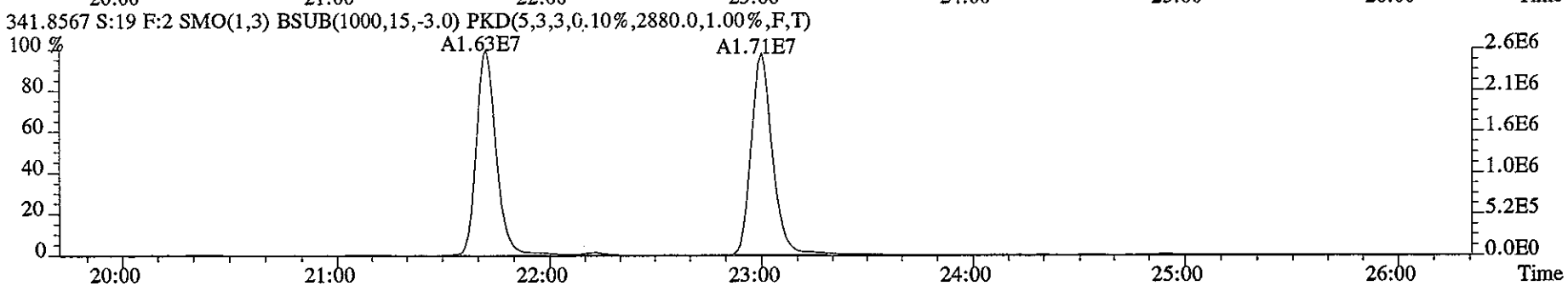


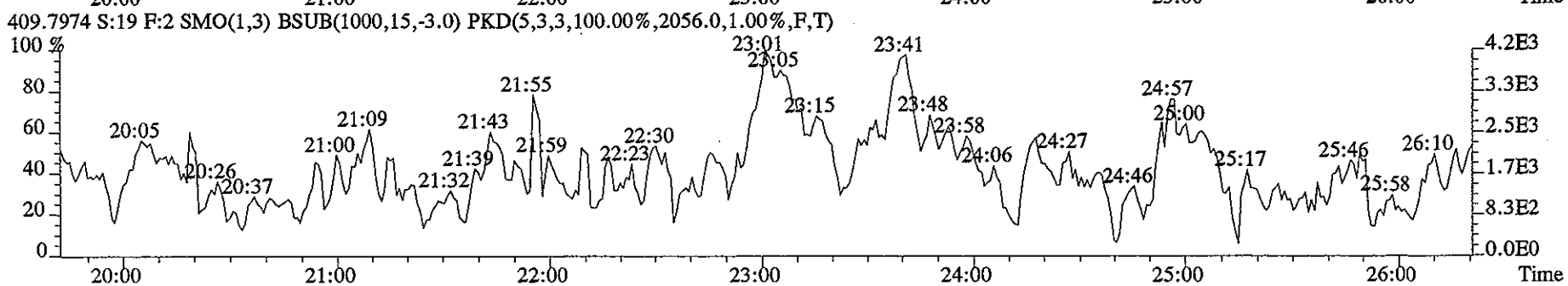


File:09JA068D5 #1-468 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN



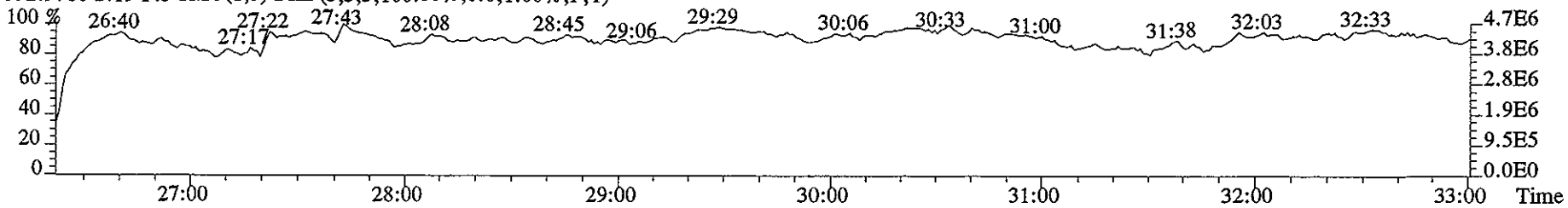




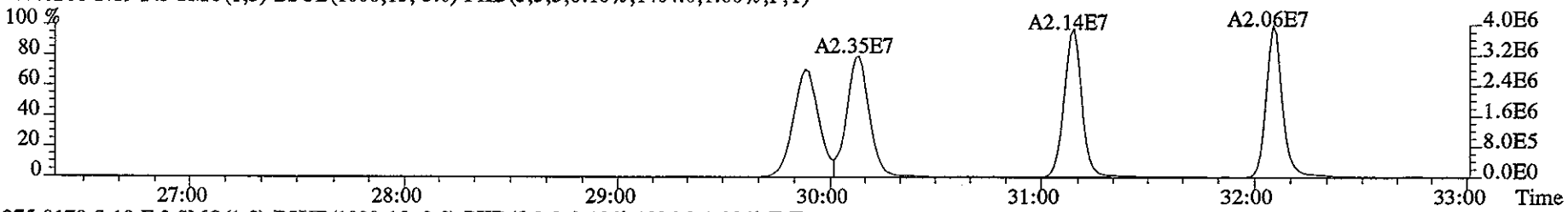


File:09JA068D5 #1-447 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN

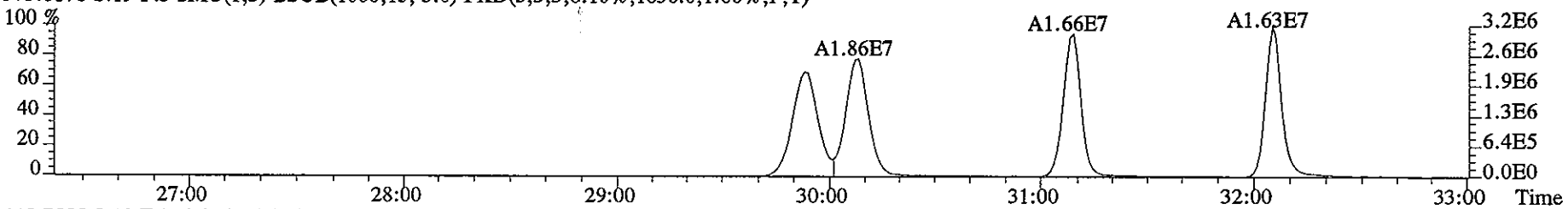
392.9760 S:19 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



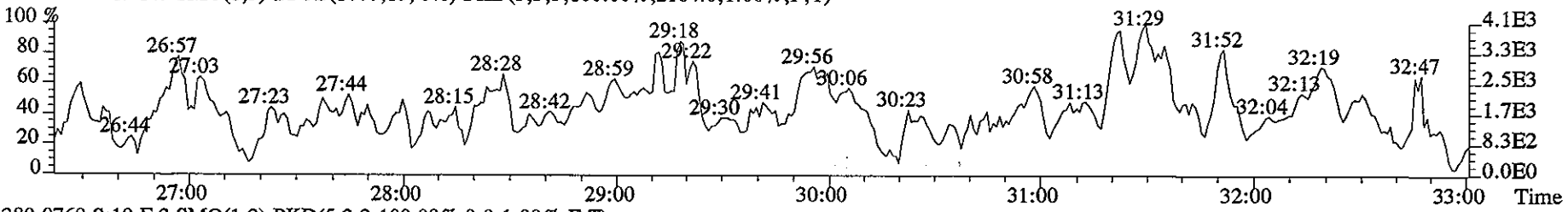
373.8208 S:19 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1404.0,1.00%,F,T)



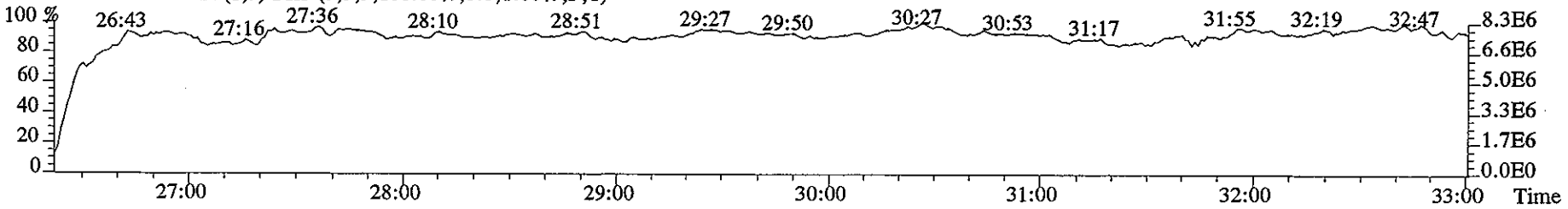
375.8178 S:19 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1836.0,1.00%,F,T)



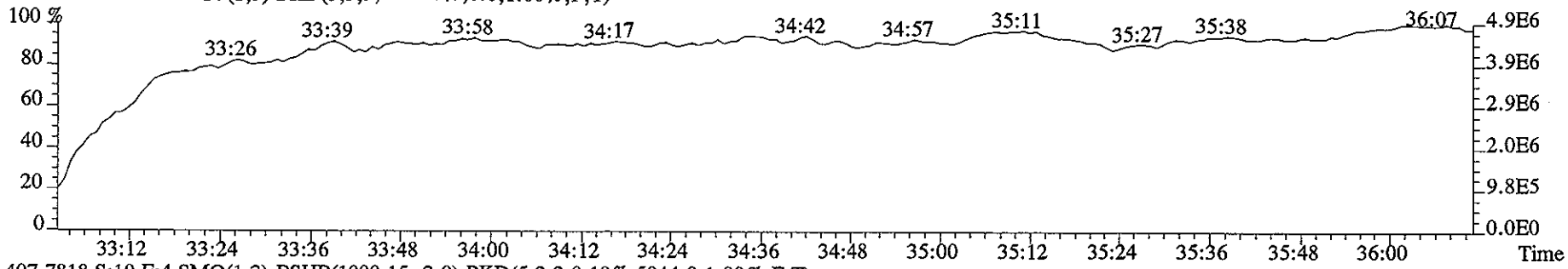
445.7555 S:19 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2164.0,1.00%,F,T)



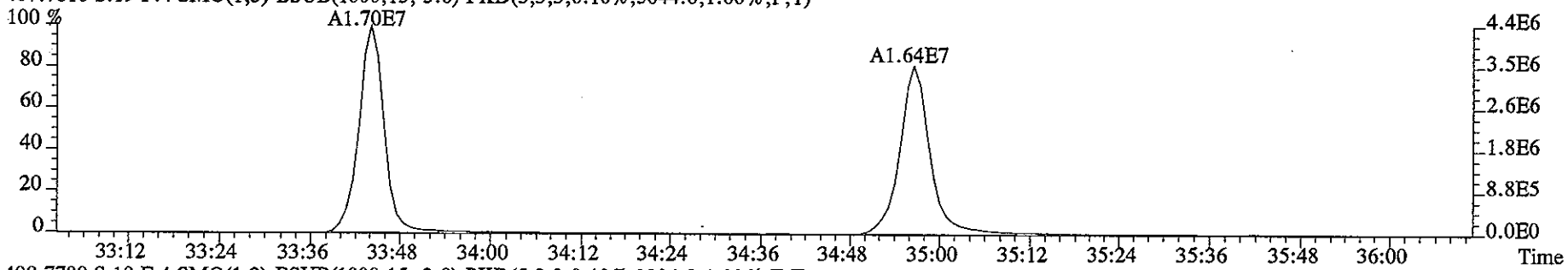
380.9760 S:19 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



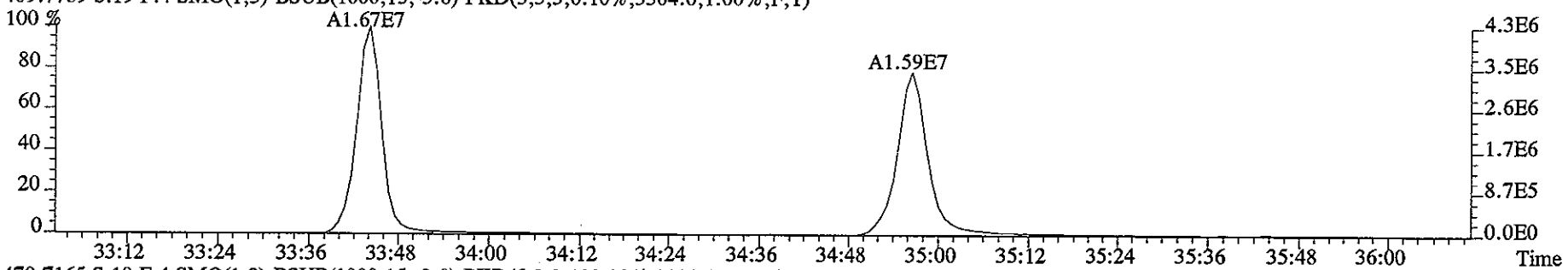
File:09JA068D5 #1-222 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN
430.9728 S:19 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



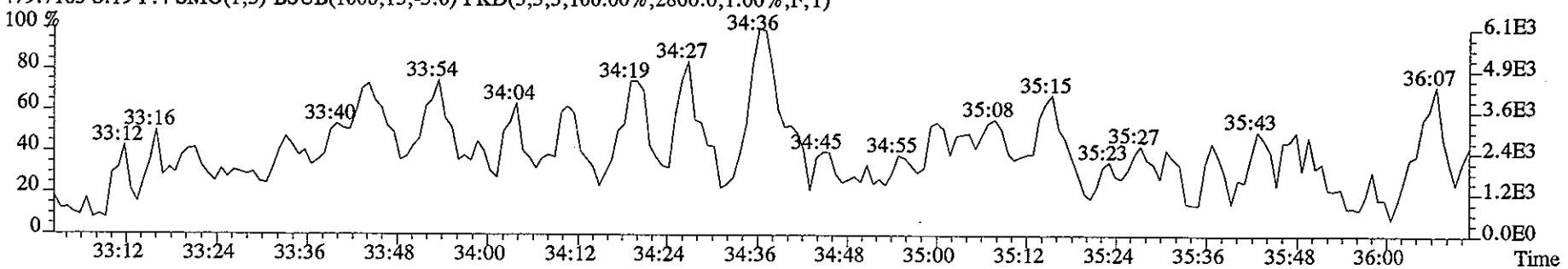
407.7818 S:19 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5044.0,1.00%,F,T)



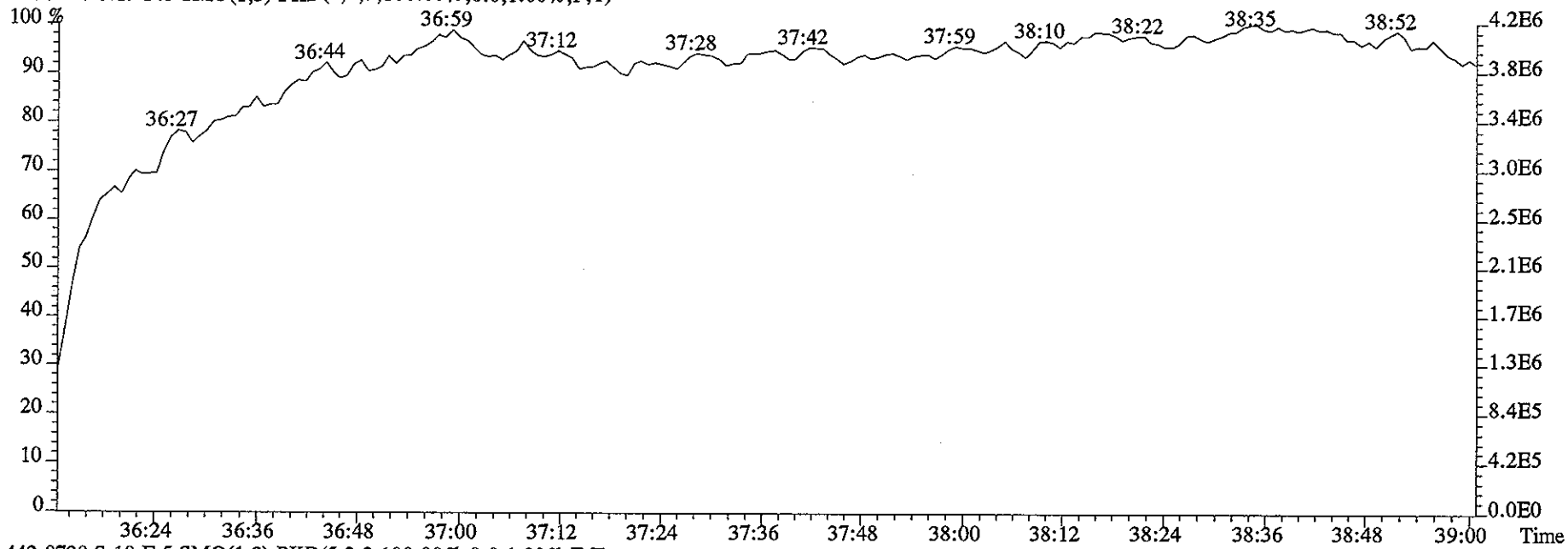
409.7789 S:19 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3304.0,1.00%,F,T)



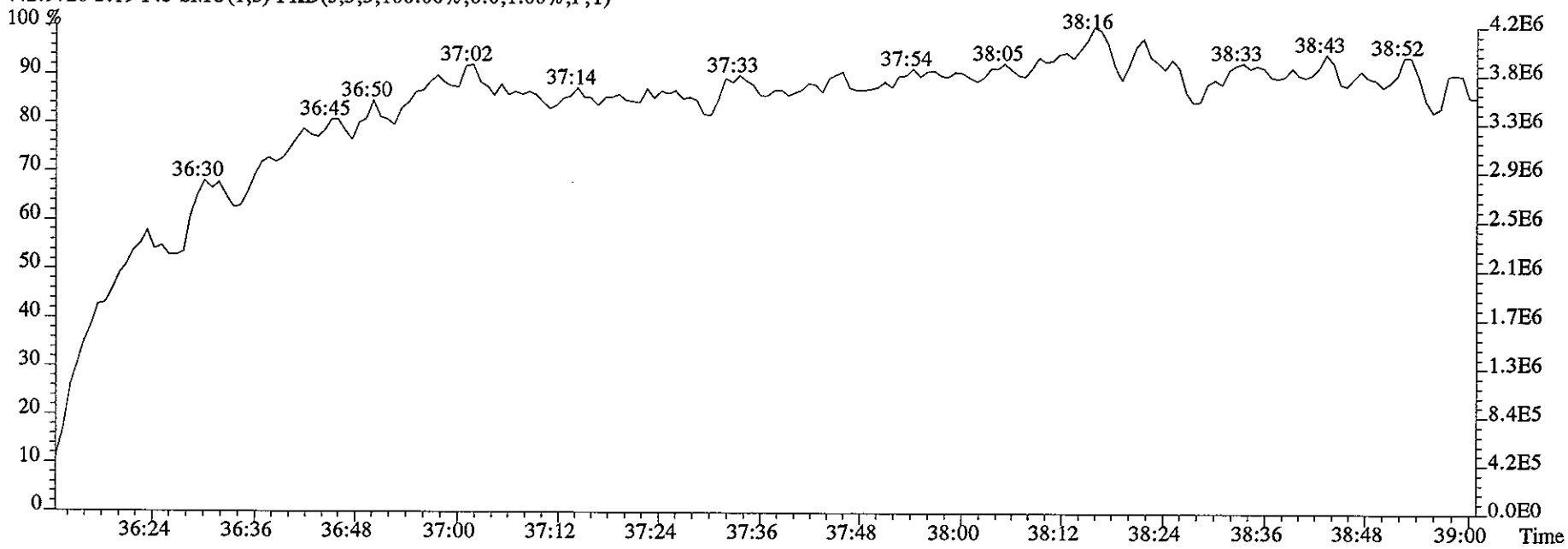
479.7165 S:19 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2800.0,1.00%,F,T)



File:09JA068D5 #1-203 Acq:10-JAN-2006 04:00:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#19 Text:ST0109A :CS3 2565-41C Exp:DIOXIN
454.9728 S:19 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:19 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



SEVERN TRENT STL

STL SACRAMENTO
Daily Standard Checklist
High Resolution Mass Spectrometry

Method ID 8290 **Associated ICAL** DB22509/1505TD2

Column ID DB225 **Instrument ID** TD2

STD ID STD110, STD110A **STD Solution** 2565-41C

Analyzed by M.G. **Date Analyzed** 1/10/06

Std. Pkg. By M.G. **Date Std. Pkg. Assembled** 1/11/06

Std. Pkg. Reviewed By SMA **Date Std. Pkg. Reviewed** 1/11/06

DAILY STANDARD PACKAGE	INITIATED	REVIEWED
Standard, CPSM, and Solvent Blank present?	✓	✓
Copy of log-file and Beginning Static Resolution present?	✓	✓
CPSM blow up present?	✓	✓
Curve Summary present?	✓	✓
Summary of Method criteria present or documented below?	✓	✓
Daily standard within method specified limits?*	✓	✓
Analyte retention times correct?	✓	✓
Isotopic ratios within limits?	✓	✓
CPSM valley ≤ method specified limits?**	✓	✓
Are chromatographic windows correct?	✓	✓
Samples analyzed within 12 hrs of daily standard?	✓	✓
Manual reintegration's checked and hardcopies included?	NA	NA ✓
Ending Standard and Ending Static Resolutions present?	✓	

COMMENTS:

* Method 8290: (beginning) +/- 20% from curve RRFs for native analytes, +/- 30% from curve RRFs for labeled compounds.
Method 8290: (ending) +/- 25% from curve RRFs for native analytes, +/- 35% from curve RRFs for labeled compounds.
Method 8290 (GB): +/- 30% from curve RRFs for native analytes.
Method 23: See Method 23 Daily Standard Criteria, Table 5.
Method 1613A/1613B: See Method 1613A, Method 1613B or Method 1613B Tetras Daily Standard Criteria,
PAH: +/- 30% from curve RRFs for native and labeled compounds.
PCB: +/- 30% or 40% (analyte dependent) from curve RRFs for native, +/- 50% from curve RRFs for labeled compounds.
NCASI 551: +/-20% from curve RRFs for native and labeled compounds.
DBD/DBF: +/-30% from curve RRFs for native analytes; +/- 40% from curve RRFs for labeled compounds.

** Method 23 CPSM Criteria: 25% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and the closest eluters normalized at the smallest peak height of the three peaks (with the 2378 peak being the middle peak).
551/1613A/1613B/8290 CPSM Criteria: 25% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and its closest eluters normalized to the 2378 peak.
GB CPSM Criteria: 30% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and its closest eluters normalized to the 2378 peak.

QA-231 TSJ 04/02

Run text: ST0110 File text: ST0110 :CS3 2565-41C
Run #6 Filename 10JA067D2 S: 1 I: 1
Acquired: 10-JAN-06 09:45:22 Processed: 11-JAN-06 09:08:03
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2 Results: 10JA067D2DB225

Name	Resp	RA	RT	RRF	Amount	Dev'n	Mod?
13C-1,2,3,4-TCDD	75214800	0.79 y	11:44	-	100.00	-	n
13C-2,3,7,8-TCDF	127724100	0.81 y	12:40	1.70	100.00	13.6	n
2,3,7,8-TCDF	11326570	0.76 y	12:40	0.89	10.00	-3.5	n
13C-2,3,7,8-TCDD	60166100	0.80 y	11:32	0.80	100.00	-1.0	n
2,3,7,8-TCDD	7190240	0.79 y	11:33	1.20	10.00	-3.0	n
37Cl-2,3,7,8-TCDD	14883800	1.00 y	11:33	1.98	10.00	0.8	n

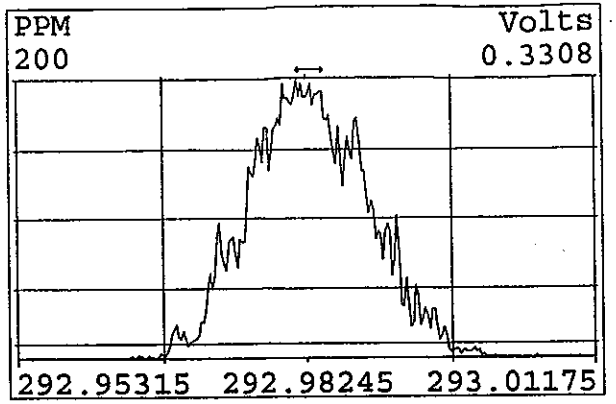
Run text: ST0110A File text: ST0110A :CS3 2565-41C
Run #22 Filename 10JA067D2 S: 22 I: 1
Acquired: 10-JAN-06 22:29:47 Processed: 11-JAN-06 09:08:11
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2 Results: 10JA067D2DB225

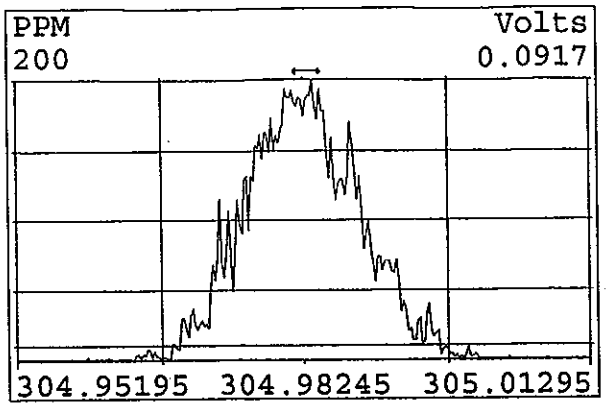
Name	Resp	RA	RT	RRF	Amount	Dev'n	Mod?
13C-1,2,3,4-TCDD	69607800	0.82 y	11:41	-	100.00	-	n
13C-2,3,7,8-TCDF	125001500	0.82 y	12:36	1.80	100.00	20.1	n
2,3,7,8-TCDF	11105270	0.78 y	12:37	0.89	10.00	-3.3	n
13C-2,3,7,8-TCDD	58745600	0.80 y	11:30	0.84	100.00	4.5	n
2,3,7,8-TCDD	7043560	0.79 y	11:30	1.20	10.00	-2.7	n
37Cl-2,3,7,8-TCDD	14987860	1.00 y	11:30	2.15	10.00	9.7	n

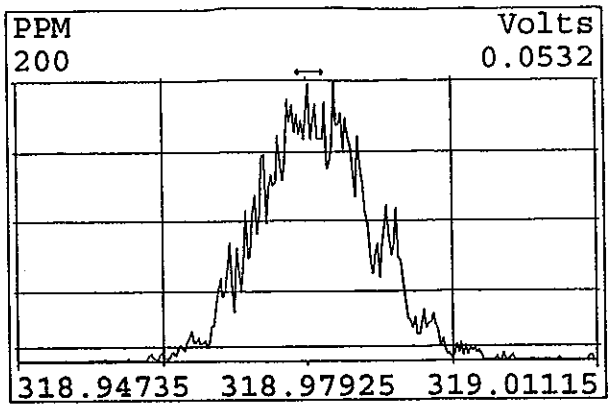
Data file	Smp	Work Order	Sample ID	FV-uL	Method/Matrix	Box	Size	U
10JA067D2	1	ST0110	CS3 2565-41C				1.000	
10JA067D2	2	CP0110	DB-225 CPSM 2565-57				1.000	
10JA067D2	3	SB0110	Solvent Blank C-14				1.000	
10JA067D2	4	HT1V2-1-AC	G5L300272-1	20	8290/SOLID	26	10.000	g
10JA067D2	5	HT1V9-1-AC	G5L300272-2	20	8290/SOLID		10.000	g
10JA067D2	6	HT1WF-1-AC	G5L300272-3	20	8290/SOLID		10.000	g
10JA067D2	7	HT1WH-1-AC	G5L300272-4	20	8290/SOLID		10.000	g
10JA067D2	8	HT1WK-1-AC	G5L300272-5	20	8290/SOLID		10.000	g
10JA067D2	9	HT1WL-1-AC	G5L300272-6	20	8290/SOLID		10.000	g
10JA067D2	10	HT1WP-1-AC	G5L300272-8	20	8290/SOLID		10.000	g
10JA067D2	11	HT1WR-1-AC	G5L300272-9	20	8290/SOLID		10.000	g
10JA067D2	12	HT1WW-1-AC	G5L300272-11	20	8290/SOLID		10.000	g
10JA067D2	13	HT1W1-1-AC	G5L300272-14	20	8290/SOLID		10.000	g
10JA067D2	14	HT1W3-1-AC	G5L300272-15	20	8290/SOLID		10.000	g
10JA067D2	15	HT1WT-1-AC	G5L300272-10	20	8290/SOLID		10.000	g
10JA067D2	16	SB0110A	Solvent Blank C-14				1.000	
10JA067D2	17	HT1K6-1-AA	G5L300233-1	20	8290/WATER		1.055	L
10JA067D2	18	HTN7H-1-AA	G5L220351-1	20	1613B/WATER		0.920	L
10JA067D2	19	HTT2K-1-AA	G5L270181-1	20	1613B/WATER		0.969	L
10JA067D2	20	SB0110B	Solvent Blank C-14				1.000	
10JA067D2	21	CP0110A	DB-225 CPSM 2565-57				1.000	
10JA067D2	22	ST0110A	CS3 2565-41C				1.000	
10JA067D2	23	SB0110C	Solvent Blank C-14				1.000	
10JA067D2	24	HT6RK-1-AA	G6A050302-1	20	1613B/WATER	26	0.985	L
10JA067D2	25	HT40X-1-AA	G6A040277-1	20	1613B/WATER		1.015	L
10JA067D2	26						1.000	
10JA067D2	27						1.000	
10JA067D2	28						1.000	
10JA067D2	29		MG 01/10/06				1.000	

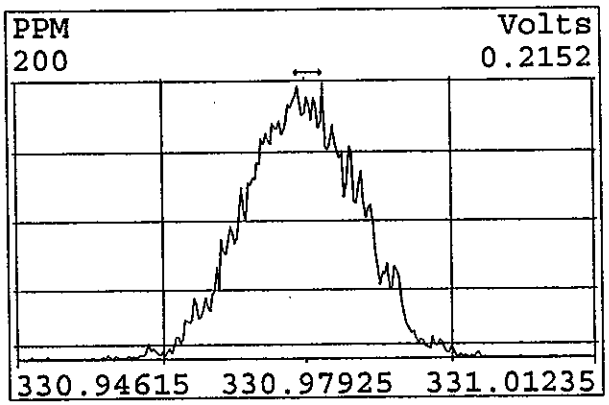
Logfile checked
01-11-06
SMA

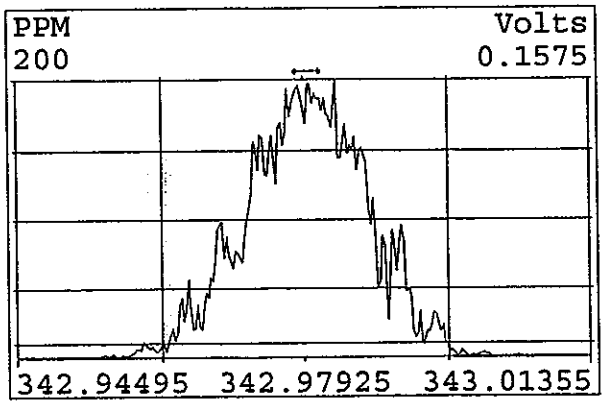
Peak Locate Examination:10-JAN-2006:09:45 File:10JA067D2
Experiment:DB225 Function:1 Reference:PFK

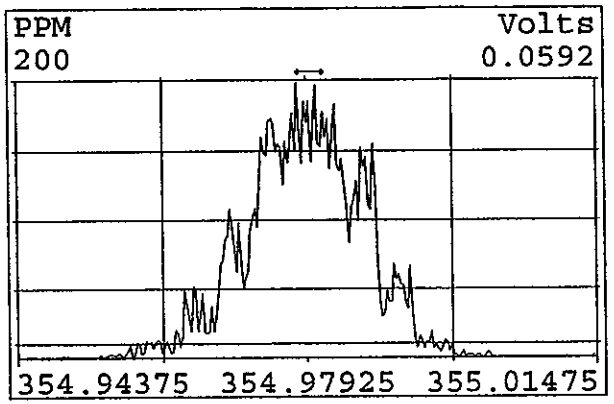


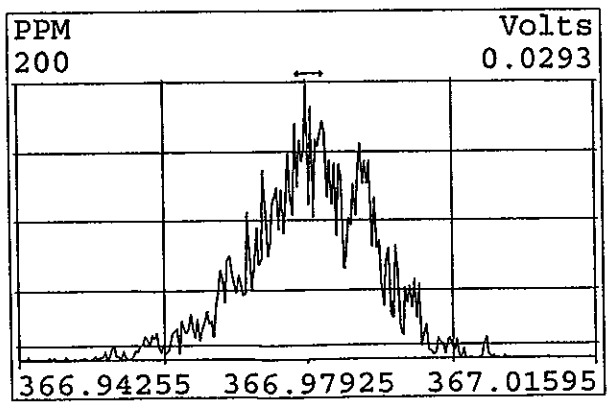


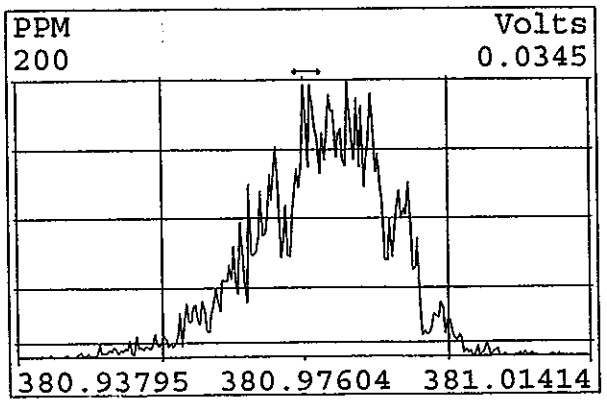




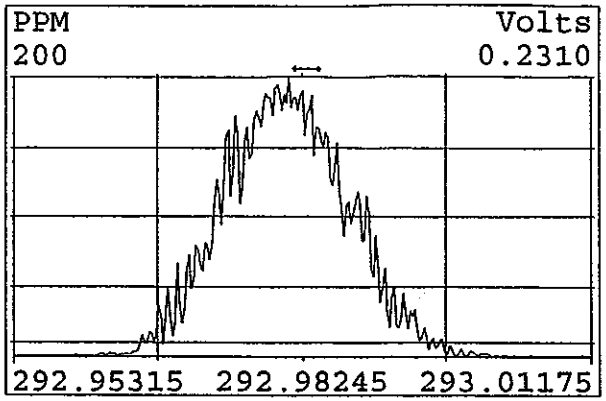


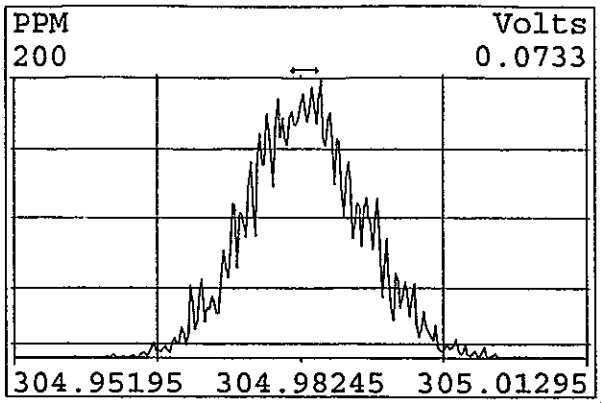


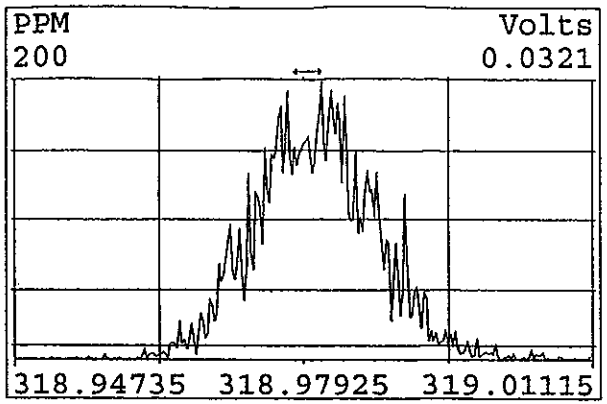


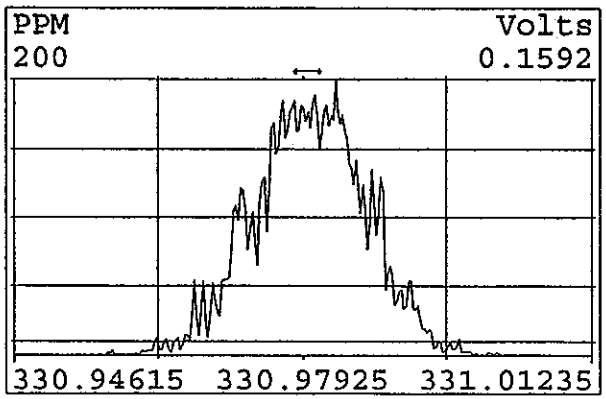


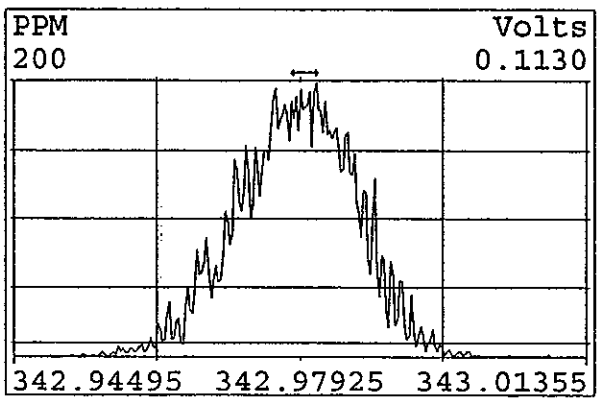
Peak Locate Examination:11-JAN-2006:08:36 File:ENDRESCHK10JA067D2
Experiment:DB225 Function:1 Reference:PFK

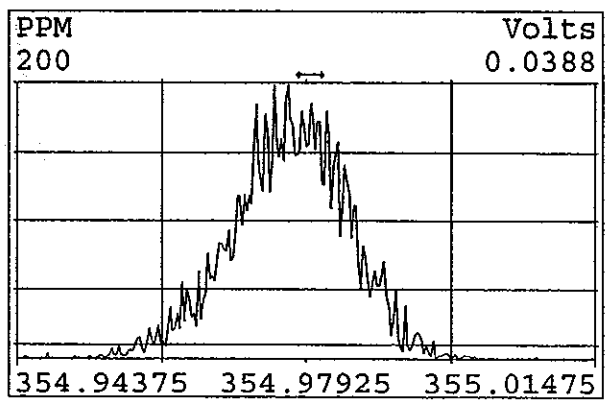


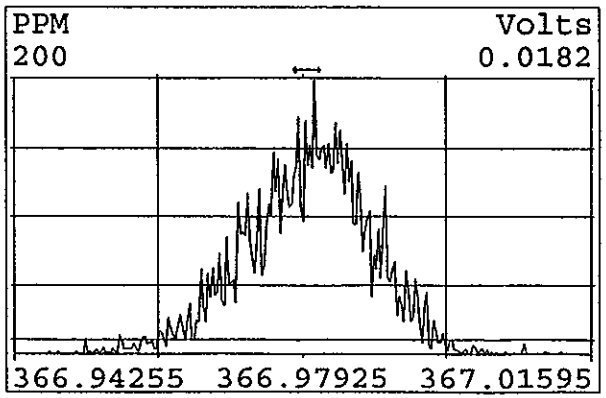


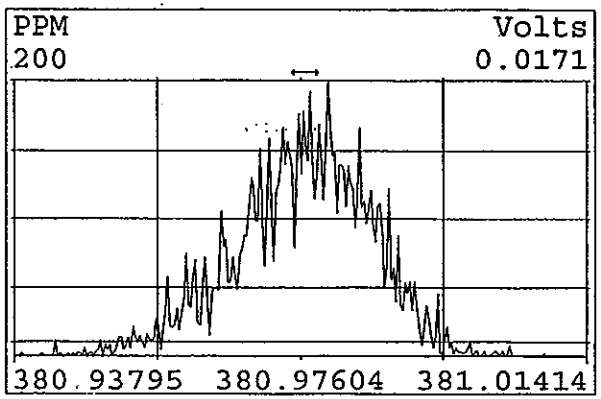




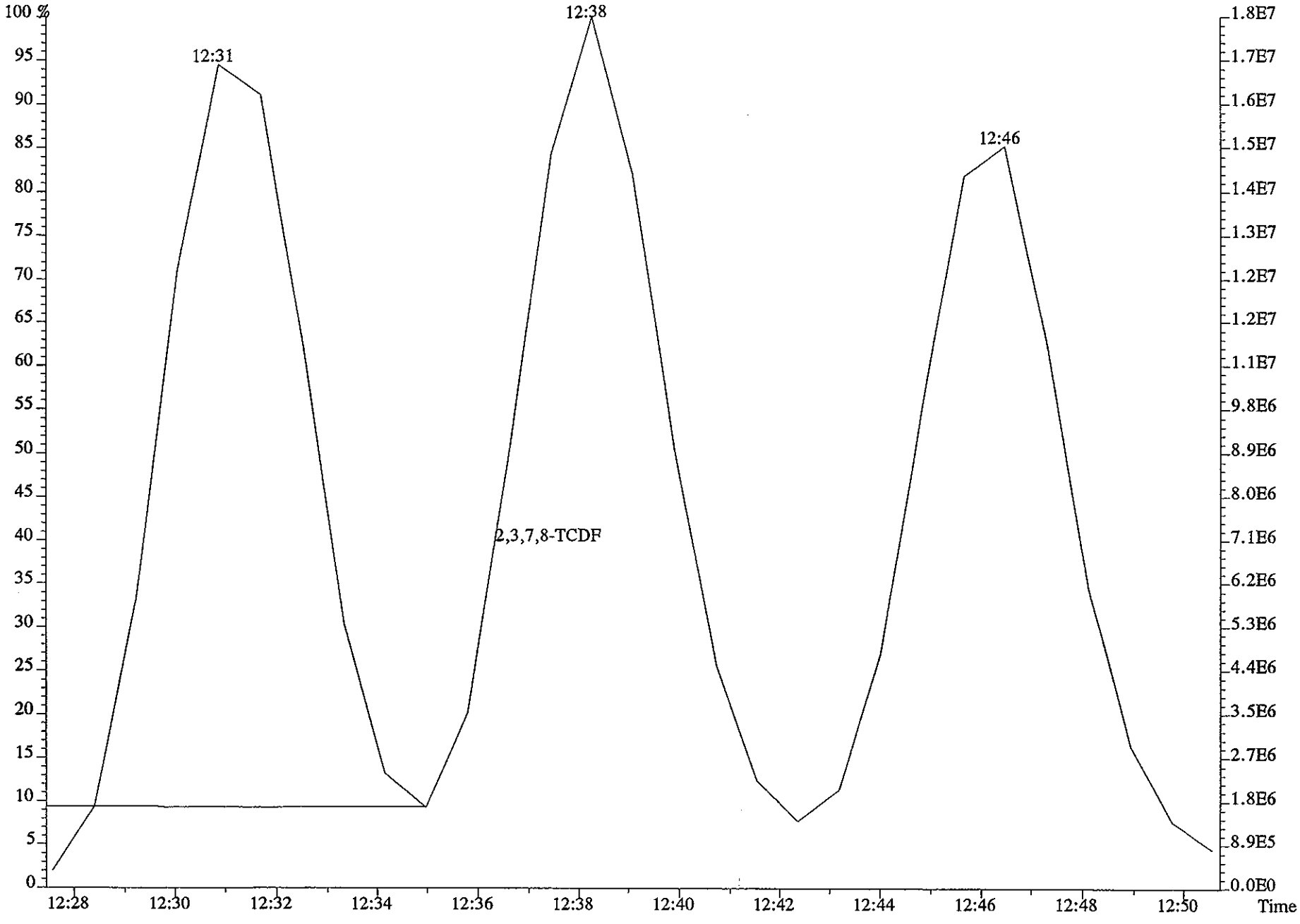








File:10JA067D2 #1-546 Acq:10-JAN-2006 10:21:45 GC EI+ Voltage SIR 70S
Sample#2 Exp:DB225
305.8987 S:2



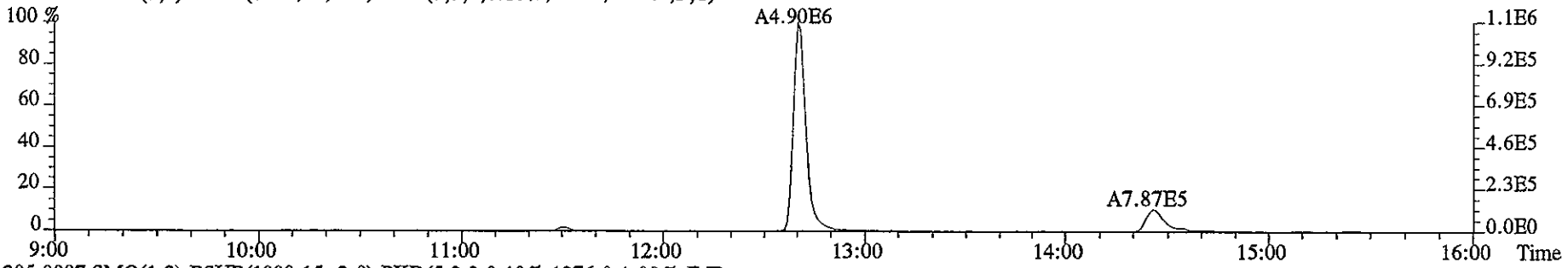
Run: 10JA067D2 Analyte: DB225 Cal: DB2250915057D2

ST0916J :CS1 2565-41A ST0916I :CS2 2565-41B ST0916H :CS3 2565-41C
ST0916L :CS4 2565-41D ST0916K :CS5 2565-41E

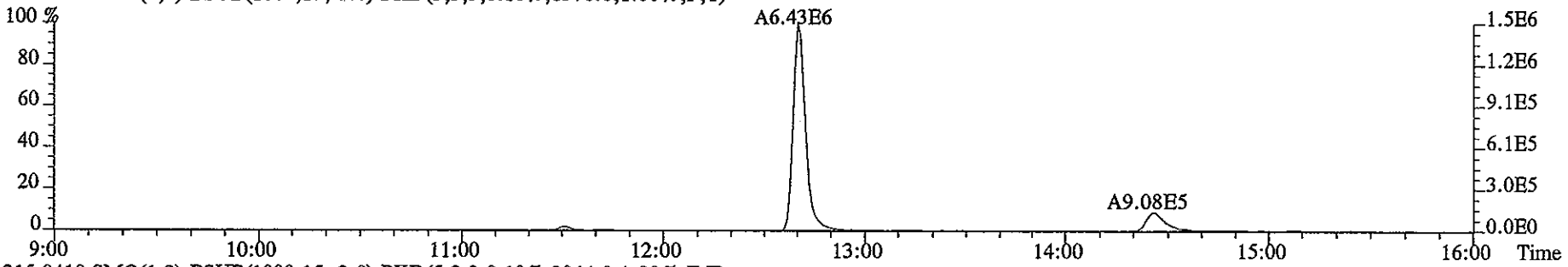
Name	Mean	S. D.	%RSD	16SE057D2 S12 RRF1	16SE057D2 S11 RRF2	16SE057D2 S10 RRF3	16SE057D2 S14 RRF4	16SE057D2 S13 RRF5
13C-1,2,3,4-TCDD	-	-	- %	-	-	-	-	-
13C-2,3,7,8-TCDF	1.495	0.059	3.95 %	1.47	1.46	1.49	1.60	1.46
2,3,7,8-TCDF	0.919	0.111	12.1 %	0.96	0.76	0.85	1.00	1.02
13C-2,3,7,8-TCDD	0.808	0.058	7.16 %	0.85	0.75	0.82	0.87	0.75
2,3,7,8-TCDD	1.232	0.157	12.7 %	1.20	1.09	1.13	1.25	1.49
37Cl-2,3,7,8-TCDD	1.963	0.297	15.1 %	1.65	1.65	2.04	2.23	2.24

File:10JA067D2 #1-1169 Acq:10-JAN-2006 09:45:22 GC EI+ Voltage SIR 70S
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DB225

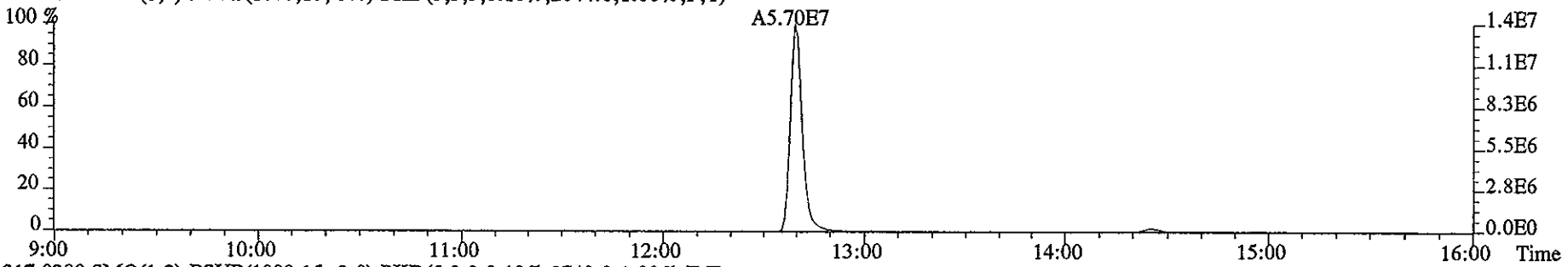
303.9016 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,980.0,1.00%,F,T)



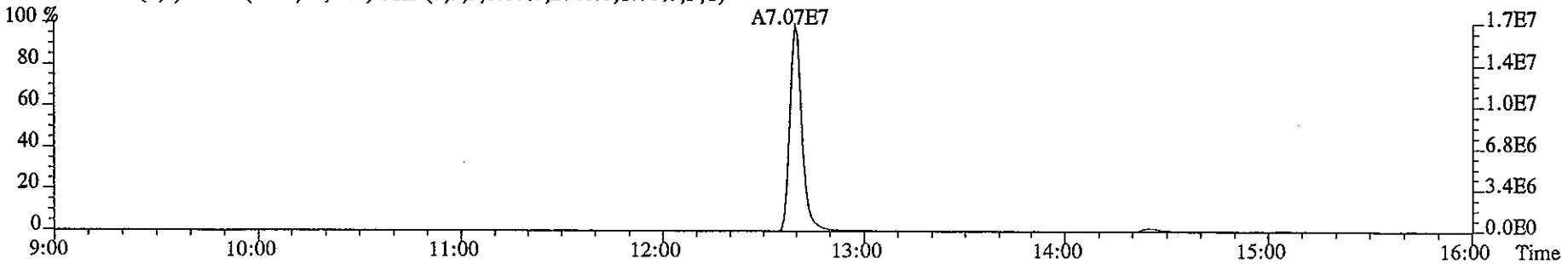
305.8987 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1376.0,1.00%,F,T)



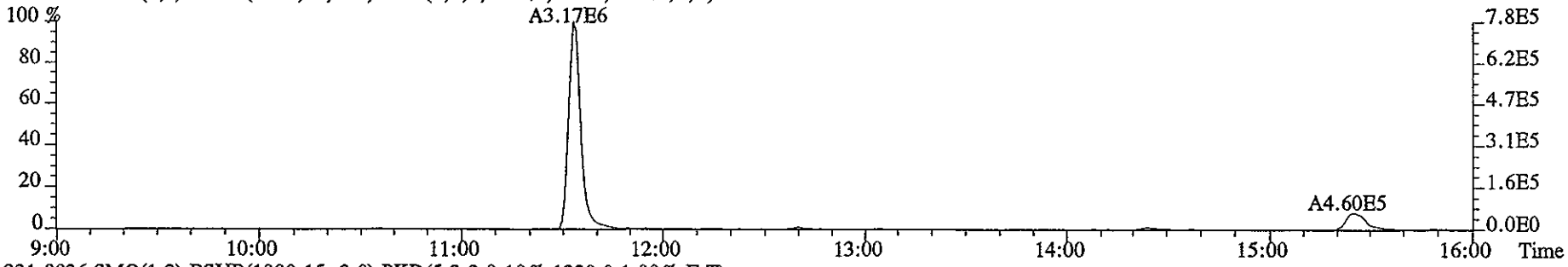
315.9419 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2044.0,1.00%,F,T)



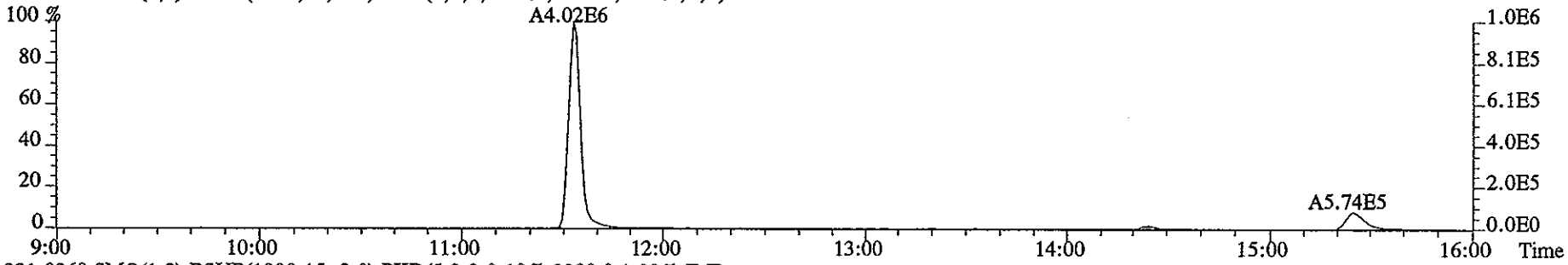
317.9389 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2748.0,1.00%,F,T)



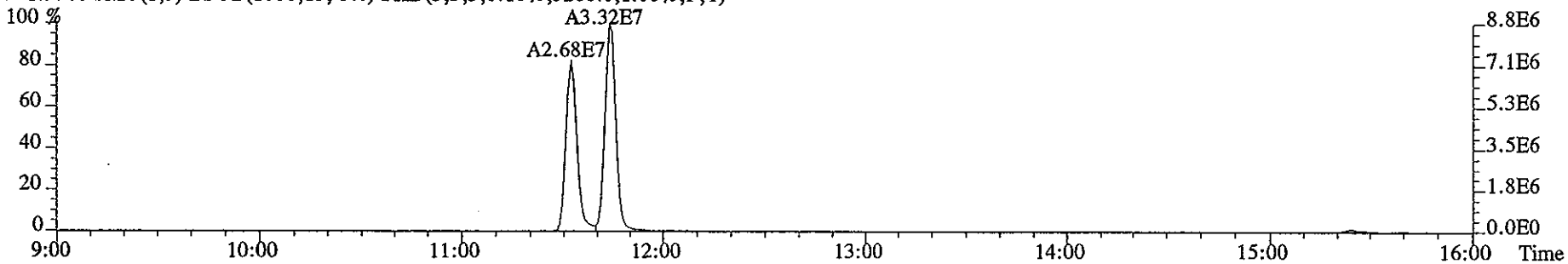
File:10JA067D2 #1-1169 Acq:10-JAN-2006 09:45:22 GC EI+ Voltage SIR 70S
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DB225
319.8965 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,812.0,1.00%,F,T)



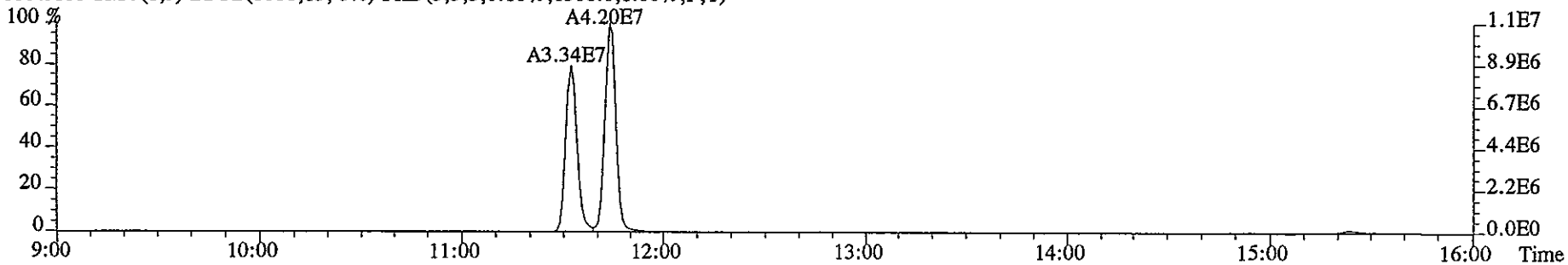
321.8936 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1320.0,1.00%,F,T)



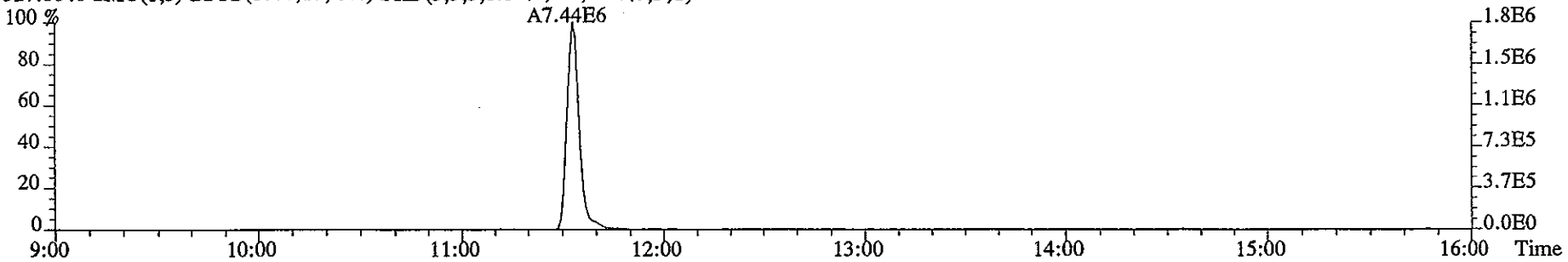
331.9368 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3288.0,1.00%,F,T)



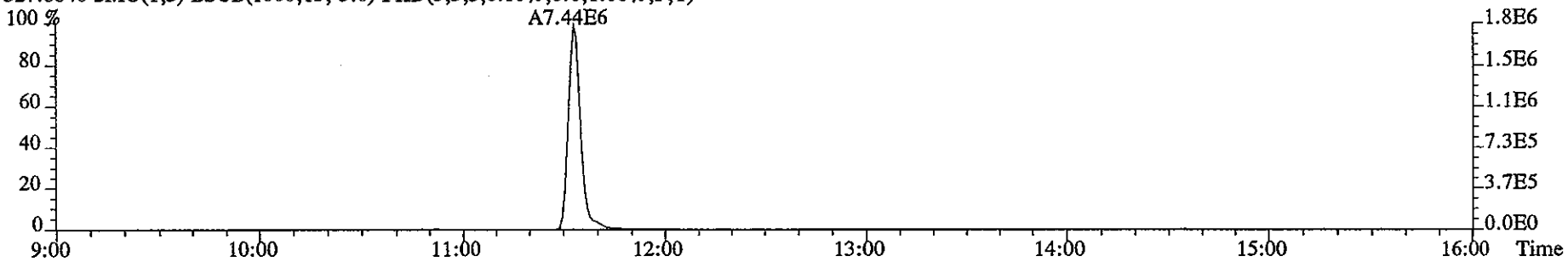
333.9339 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1508.0,1.00%,F,T)



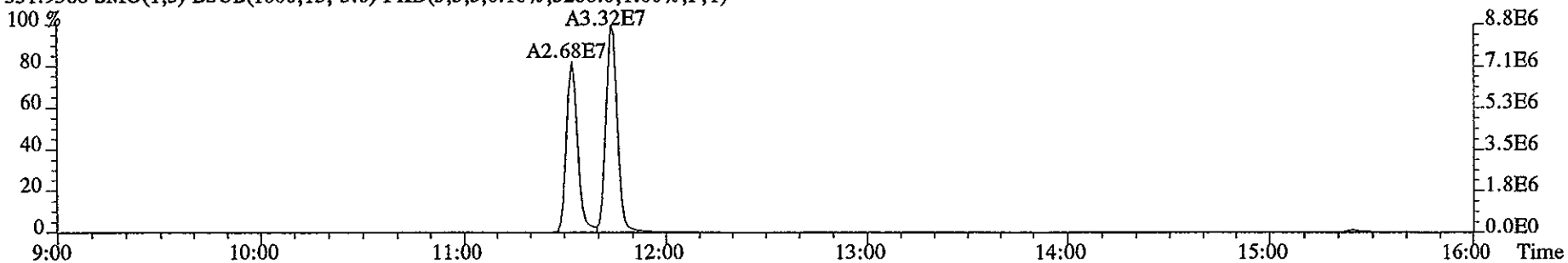
File:10JA067D2 #1-1169 Acq:10-JAN-2006 09:45:22 GC EI+ Voltage SIR 70S
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DB225
327.8840 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,0.0,1.00%,F,T)



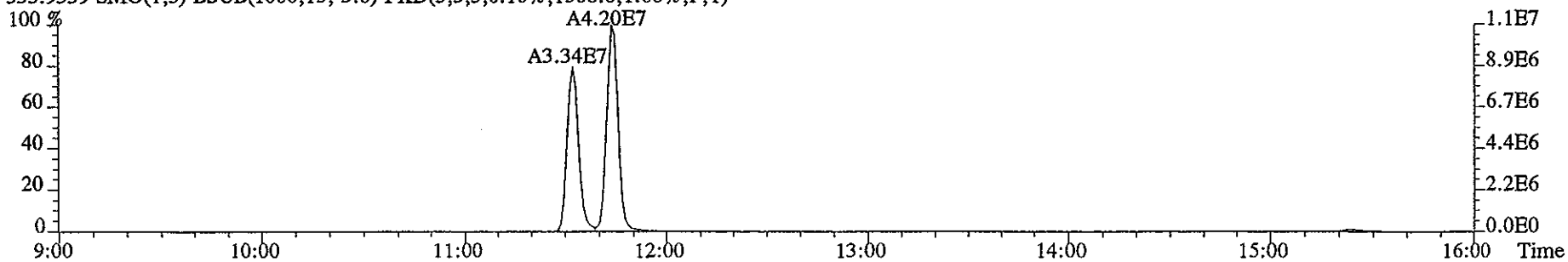
327.8840 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,0.0,1.00%,F,T)



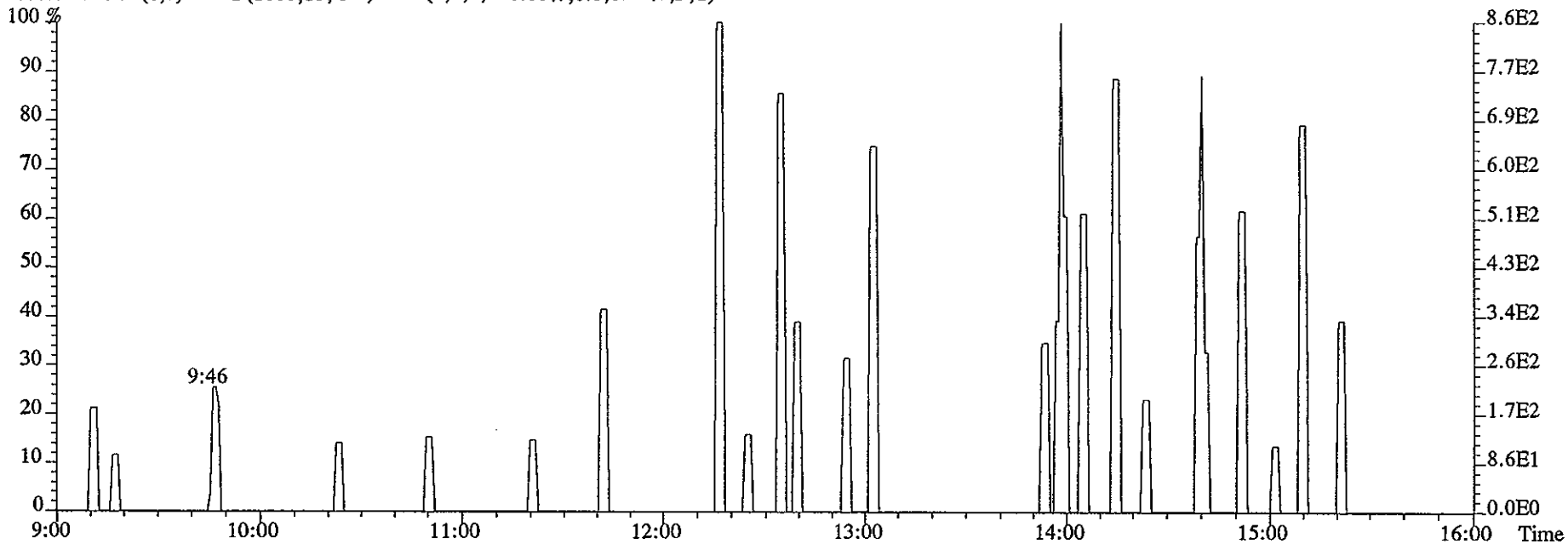
331.9368 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3288.0,1.00%,F,T)



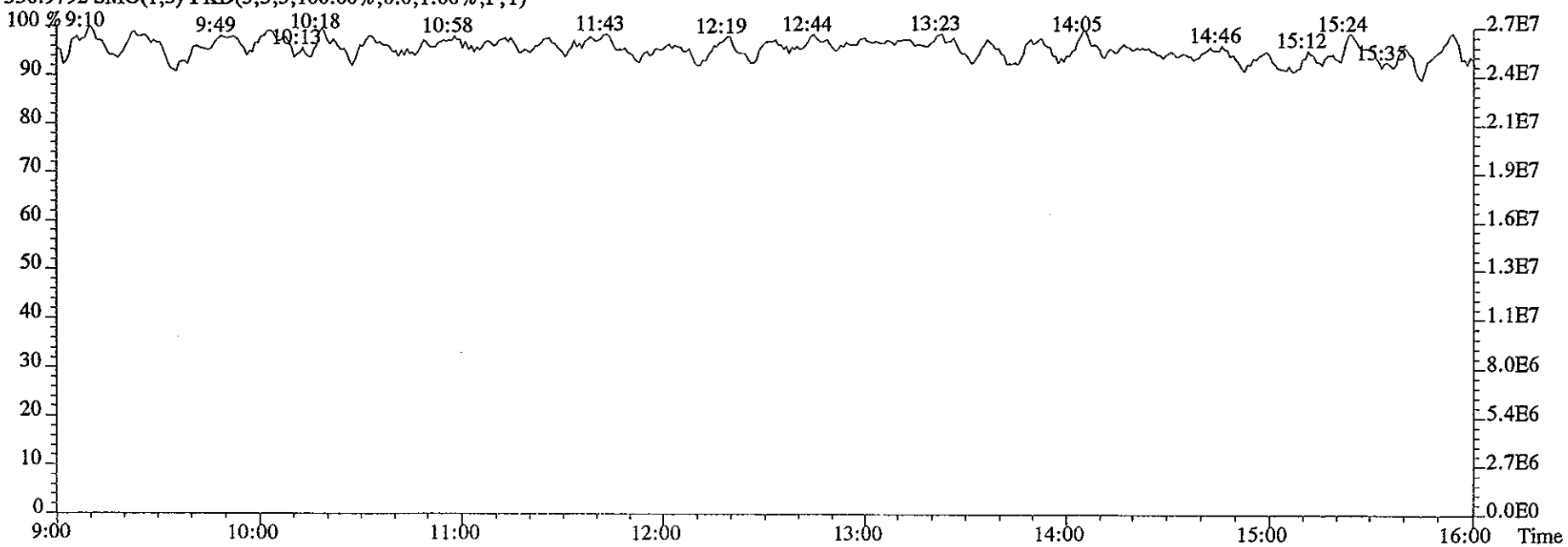
333.9339 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1508.0,1.00%,F,T)



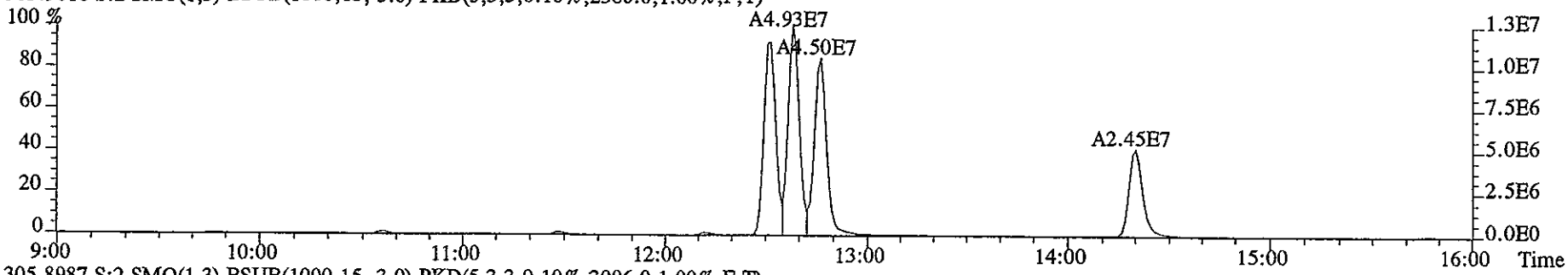
File:10JA067D2 #1-1169 Acq:10-JAN-2006 09:45:22 GC EI+ Voltage SIR 70S
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DB225
375.8364 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



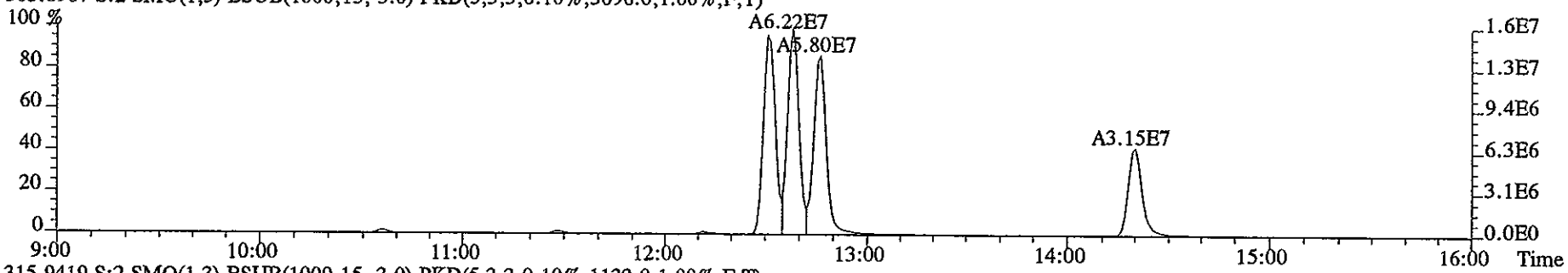
330.9792 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



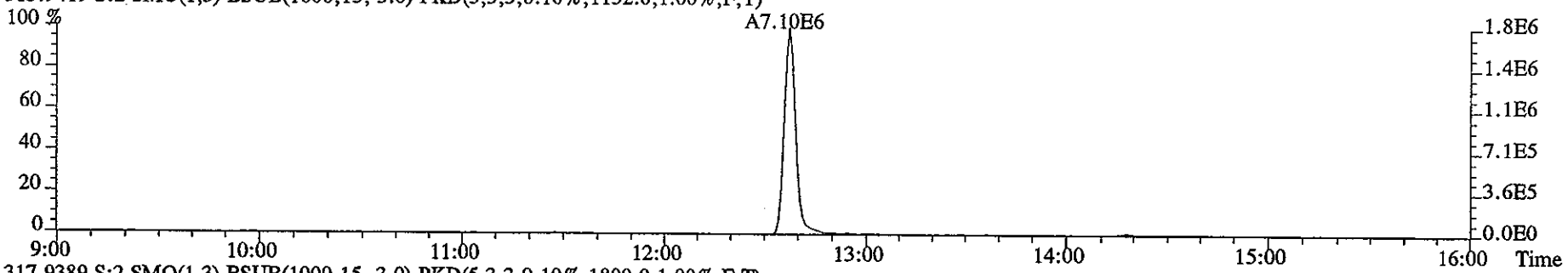
File:10JA067D2 #1-1168 Acq:10-JAN-2006 10:21:45 GC EI+ Voltage SIR 70S
Sample#2 Text:CP0110 :DB-225 CPSM 2565-57 Exp:DB225
303.9016 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2380.0,1.00%,F,T)



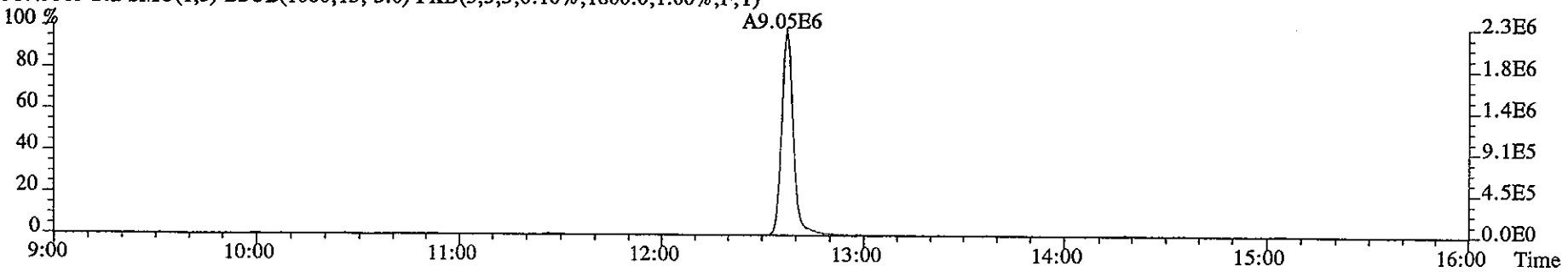
305.8987 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3096.0,1.00%,F,T)



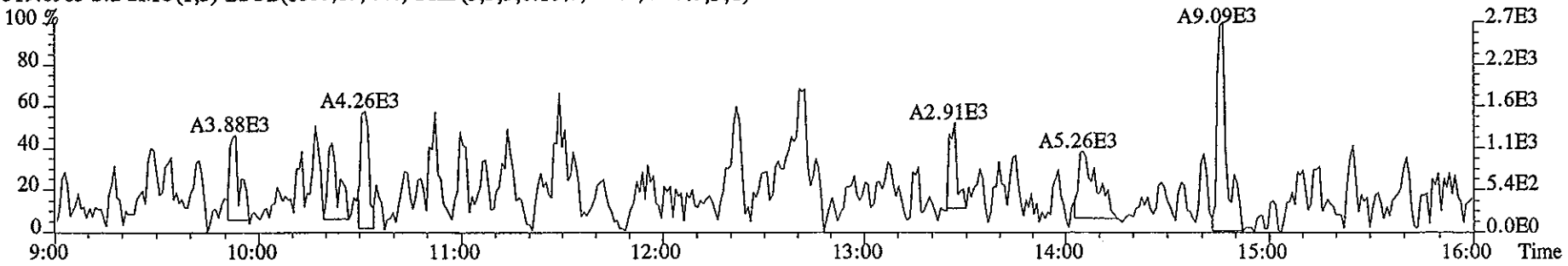
315.9419 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1132.0,1.00%,F,T)



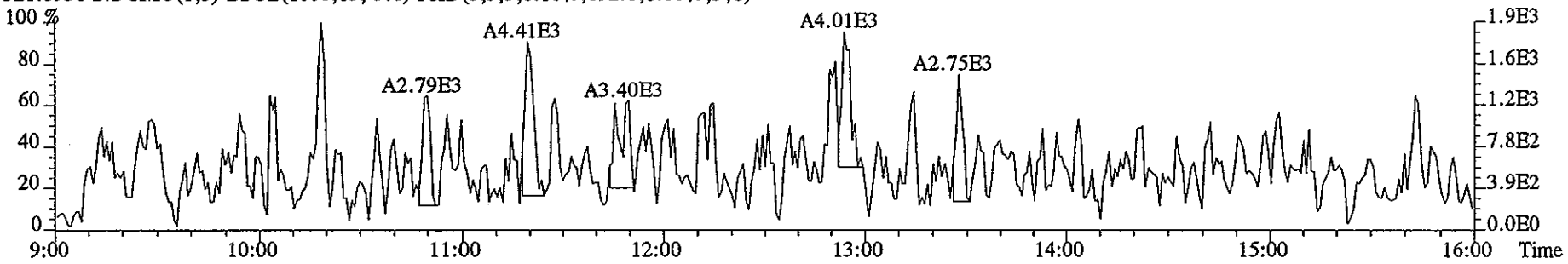
317.9389 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1800.0,1.00%,F,T)



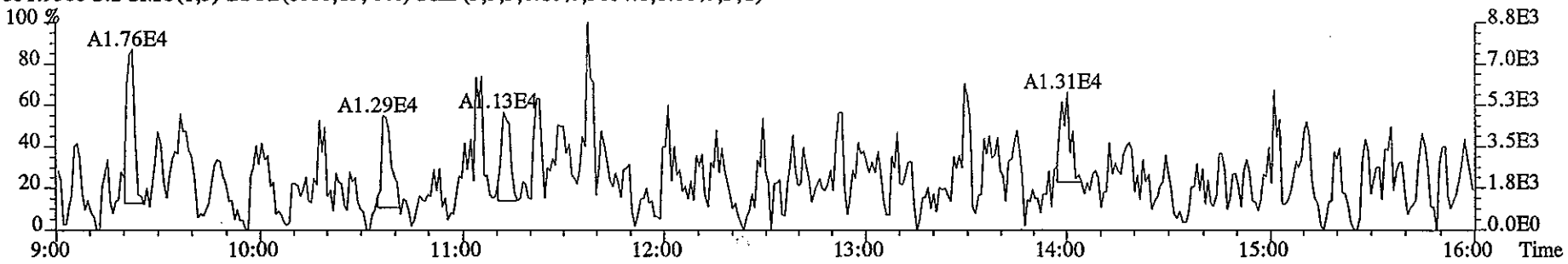
File:10JA067D2 #1-1168 Acq:10-JAN-2006 10:21:45 GC EI+ Voltage SIR 70S
Sample#2 Text:CP0110 :DB-225 CPSM 2565-57 Exp:DB225
319.8965 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,808.0,1.00%,F,T)



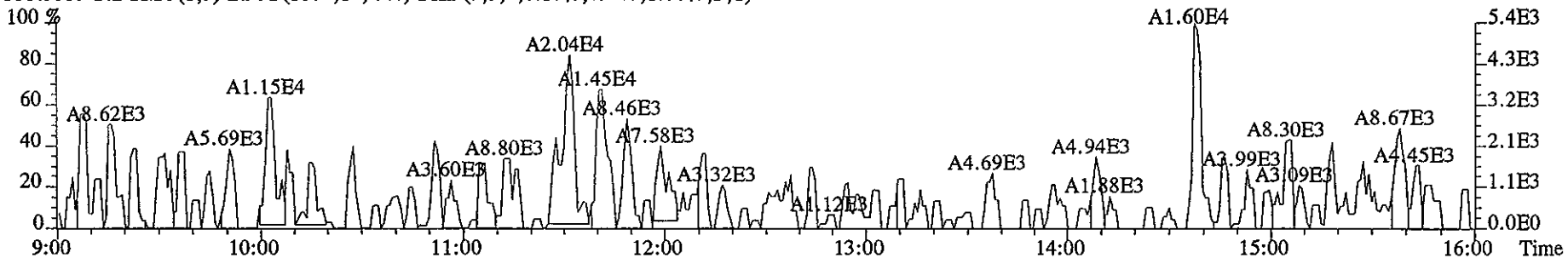
321.8936 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,892.0,1.00%,F,T)



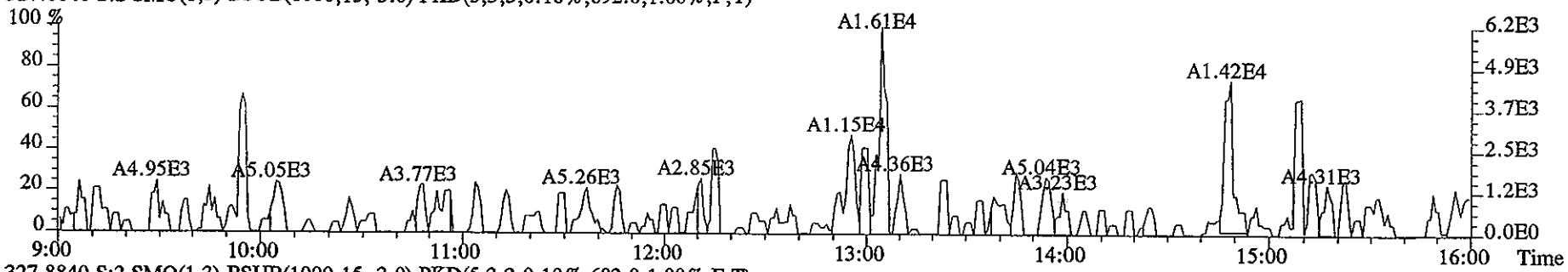
331.9368 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3604.0,1.00%,F,T)



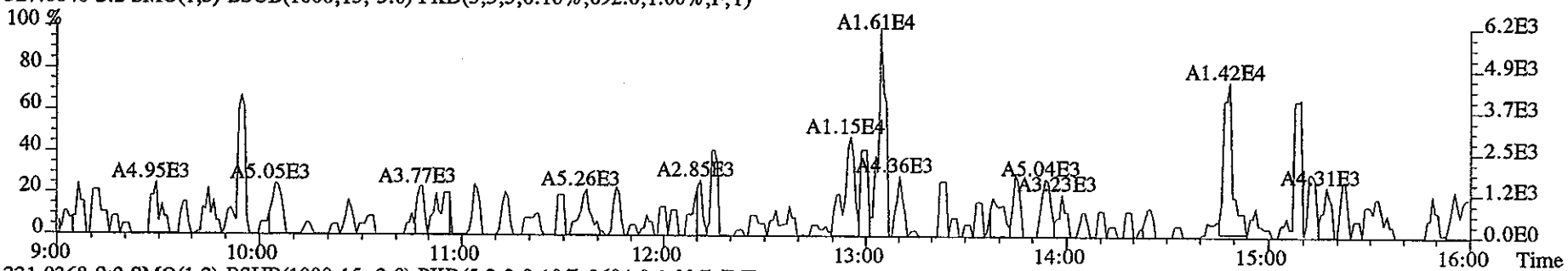
333.9339 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,896.0,1.00%,F,T)



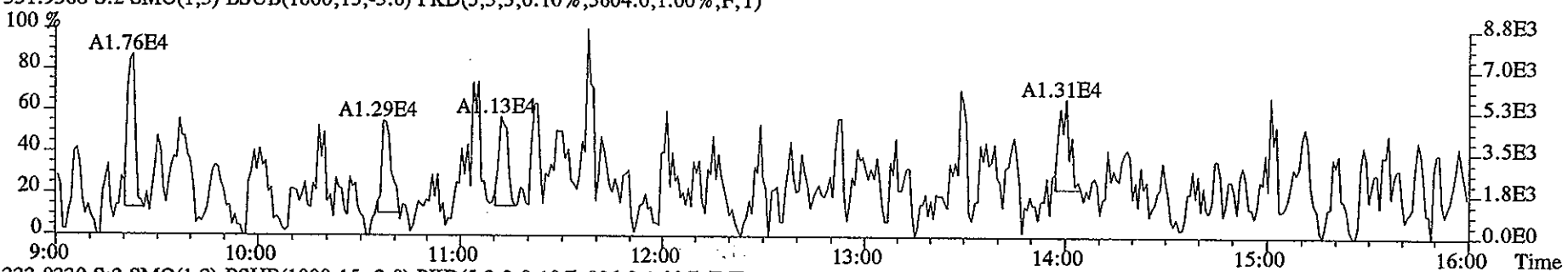
File:10JA067D2 #1-1168 Acq:10-JAN-2006 10:21:45 GC EI+ Voltage SIR 70S
Sample#2 Text:CP0110 :DB-225 CPSM 2565-57 Exp:DB225
327.8840 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,692.0,1.00%,F,T)



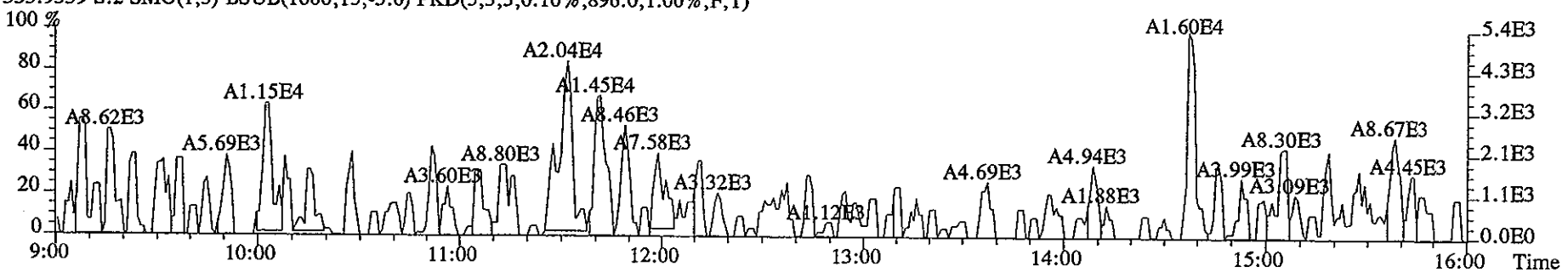
327.8840 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,692.0,1.00%,F,T)



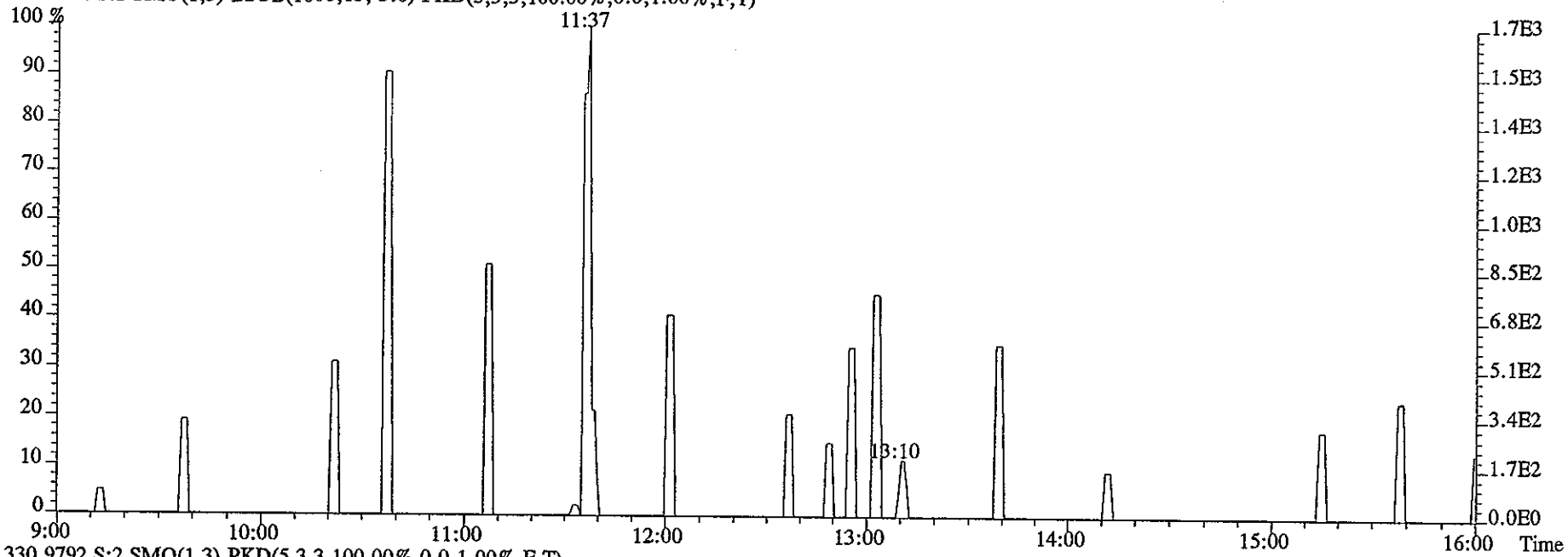
331.9368 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3604.0,1.00%,F,T)



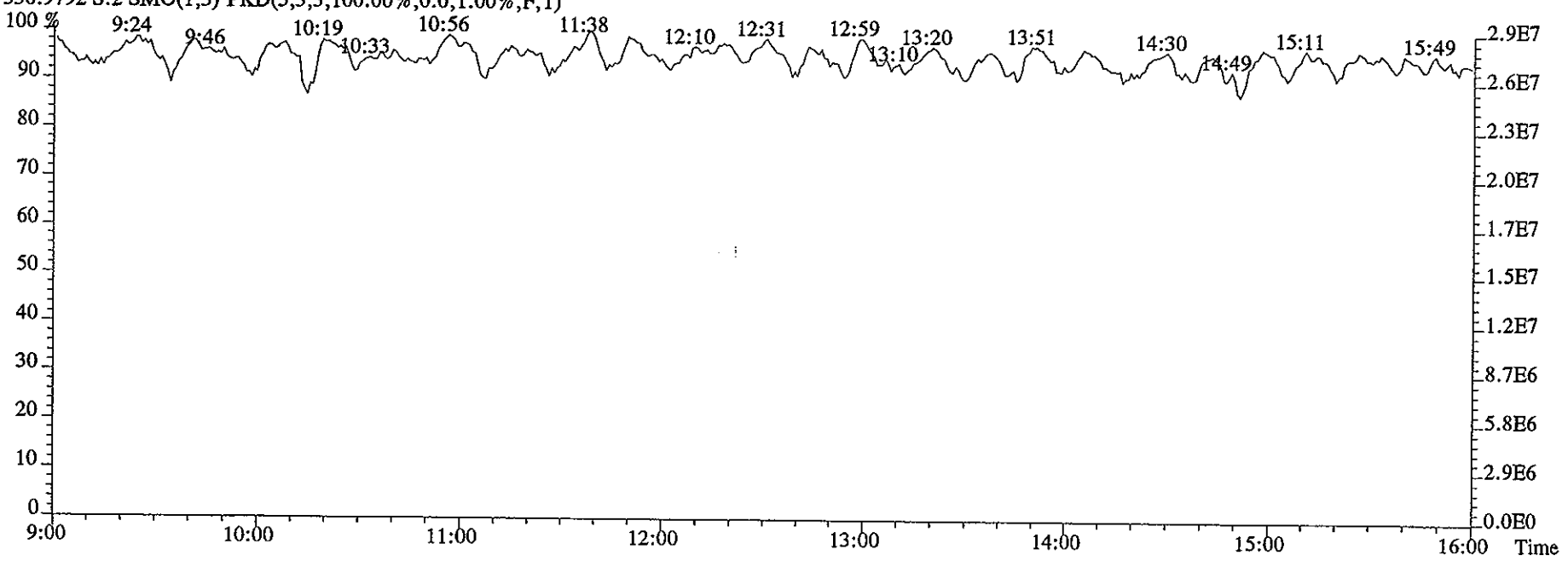
333.9339 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,896.0,1.00%,F,T)



File:10JA067D2 #1-1168 Acq:10-JAN-2006 10:21:45 GC EI+ Voltage SIR 70S
Sample#2 Text:CP0110 :DB-225 CPSM 2565-57 Exp:DB225
375.8364 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

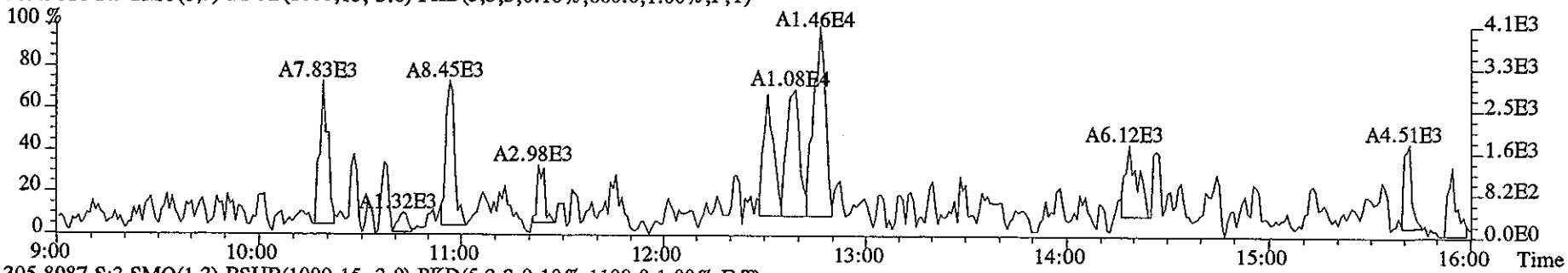


330.9792 S:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

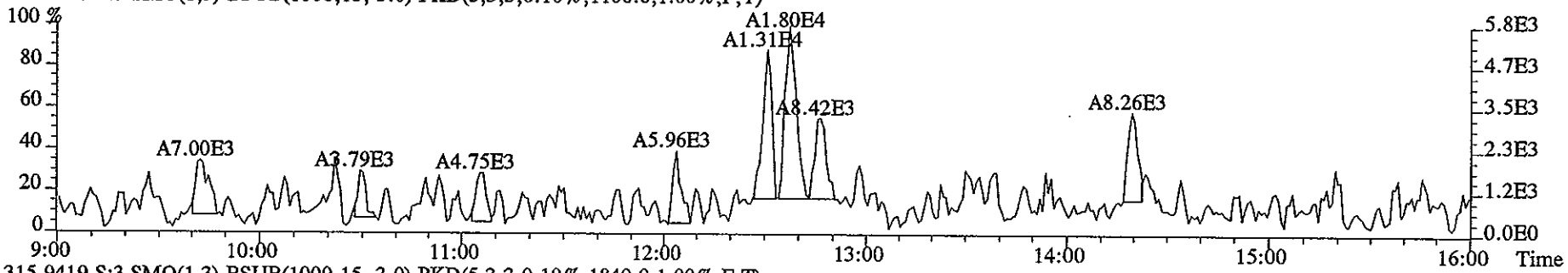


File:10JA067D2 #1-1168 Acq:10-JAN-2006 10:58:09 GC EI+ Voltage SIR 70S
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DB225

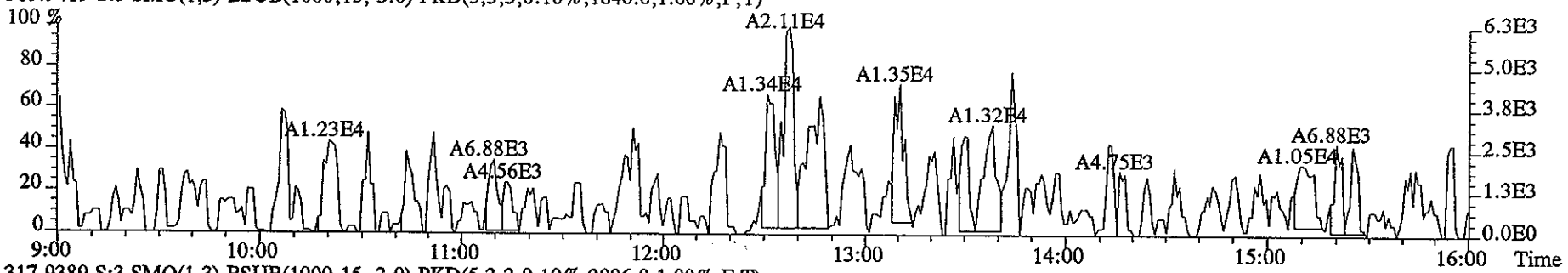
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,660.0,1.00%,F,T)



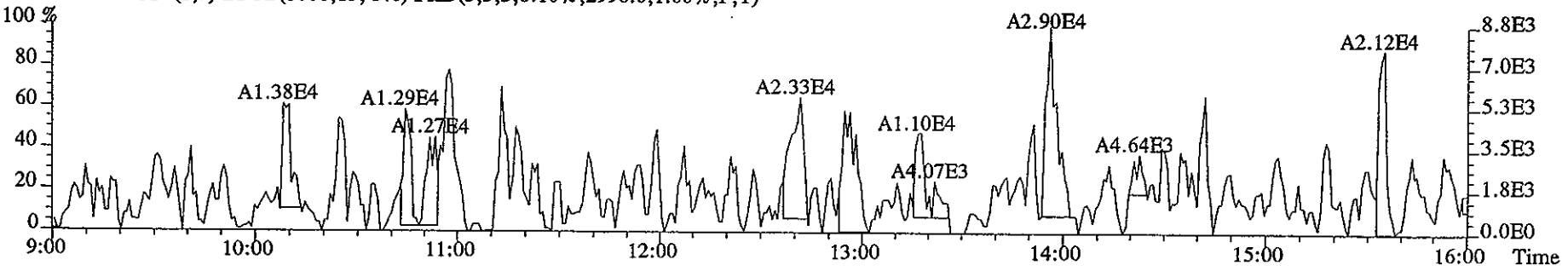
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1100.0,1.00%,F,T)



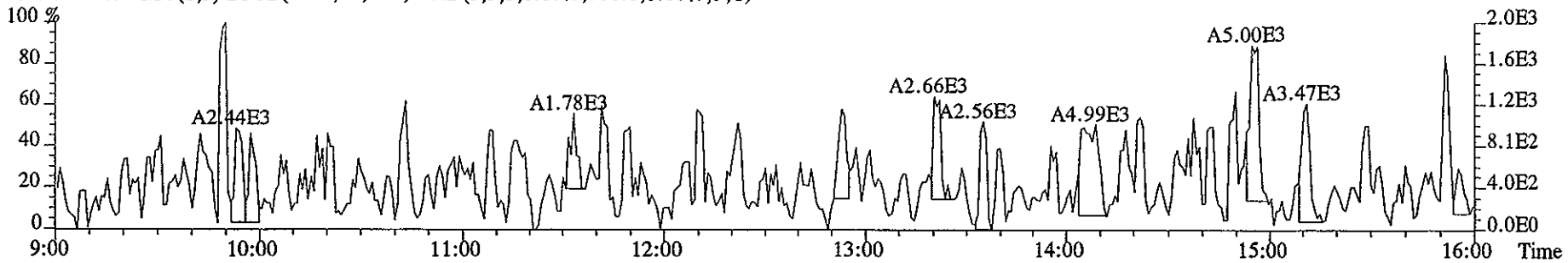
315.9419 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1840.0,1.00%,F,T)



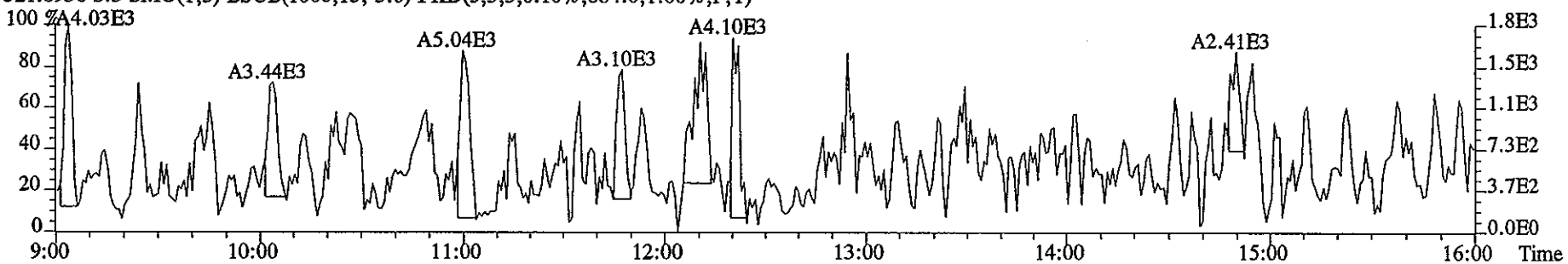
317.9389 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2996.0,1.00%,F,T)



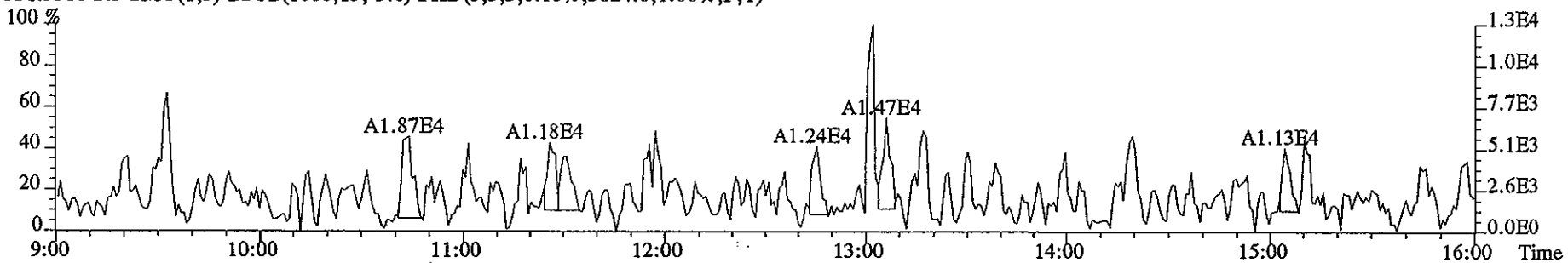
File:10JA067D2 #1-1168 Acq:10-JAN-2006 10:58:09 GC EI+ Voltage SIR 70S
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DB225
319.8965 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,708.0,1.00%,F,T)



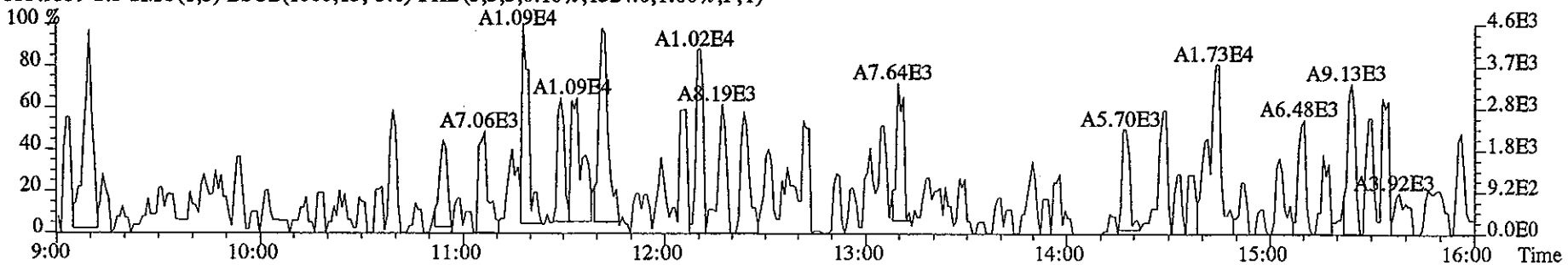
321.8936 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,884.0,1.00%,F,T)



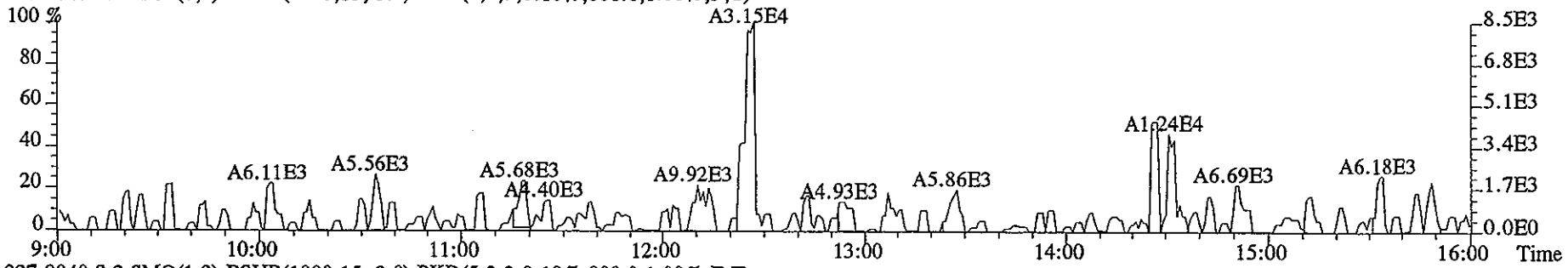
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3624.0,1.00%,F,T)



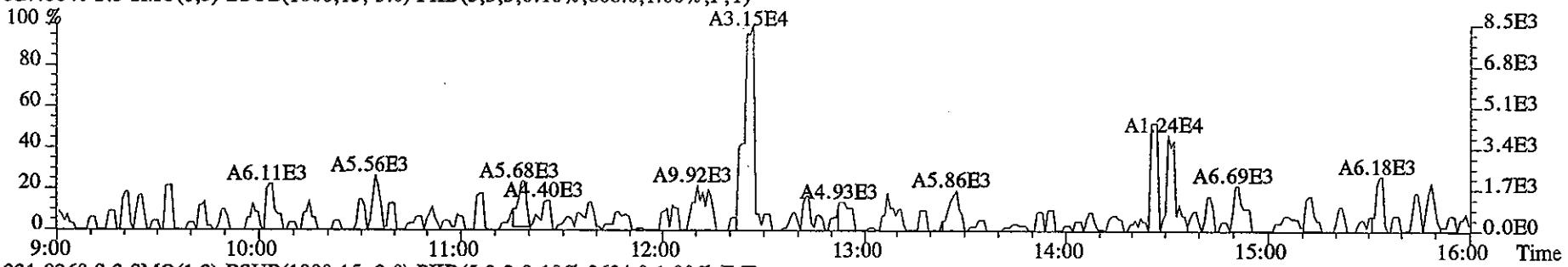
333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1324.0,1.00%,F,T)



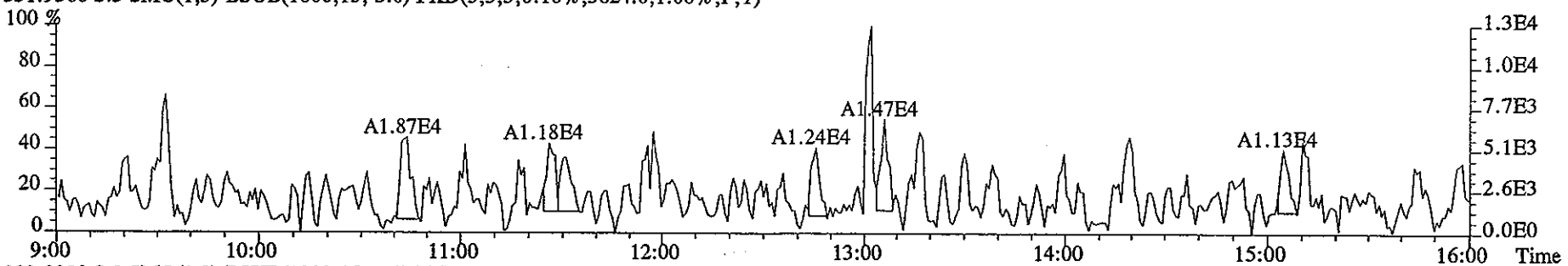
File:10JA067D2 #1-1168 Acq:10-JAN-2006 10:58:09 GC EI+ Voltage SIR 70S
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DB225
327.8840 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,808.0,1.00%,F,T)



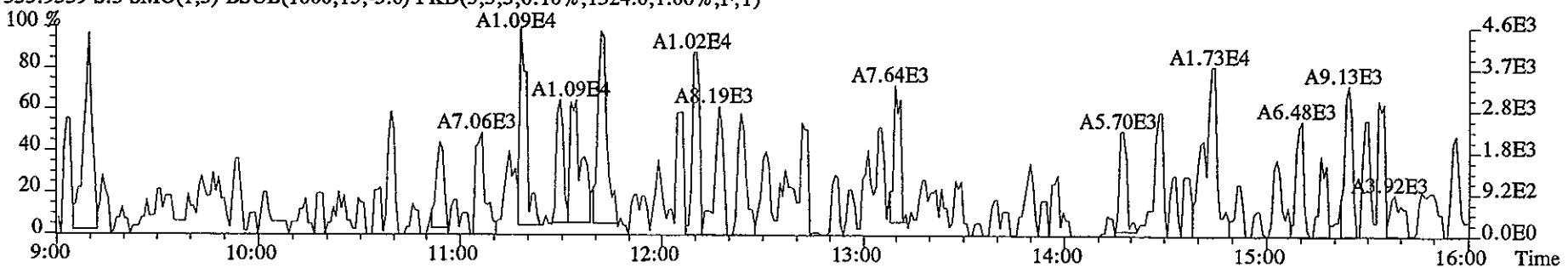
327.8840 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,808.0,1.00%,F,T)



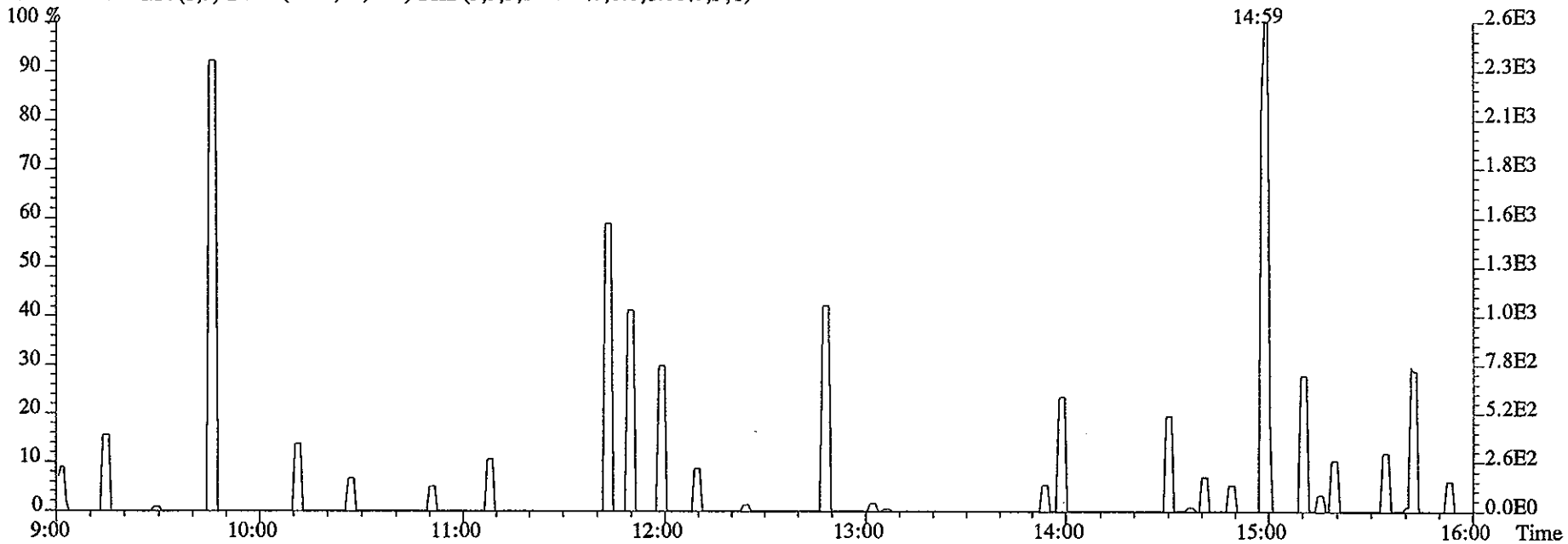
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3624.0,1.00%,F,T)



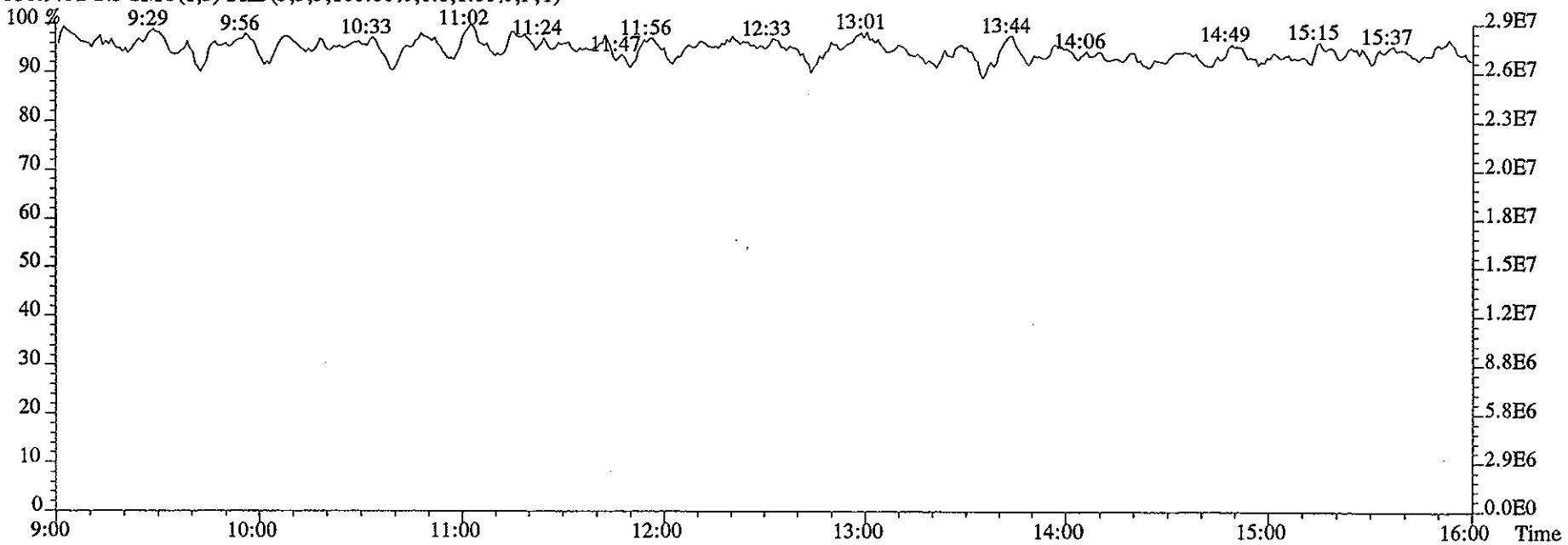
333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1324.0,1.00%,F,T)



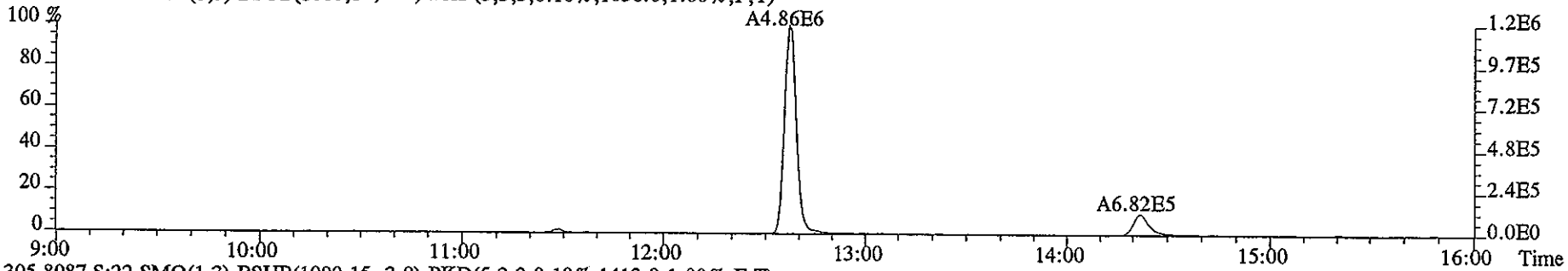
File:10JA067D2 #1-1168 Acq:10-JAN-2006 10:58:09 GC EI+ Voltage SIR 70S
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DB225
375.8364 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



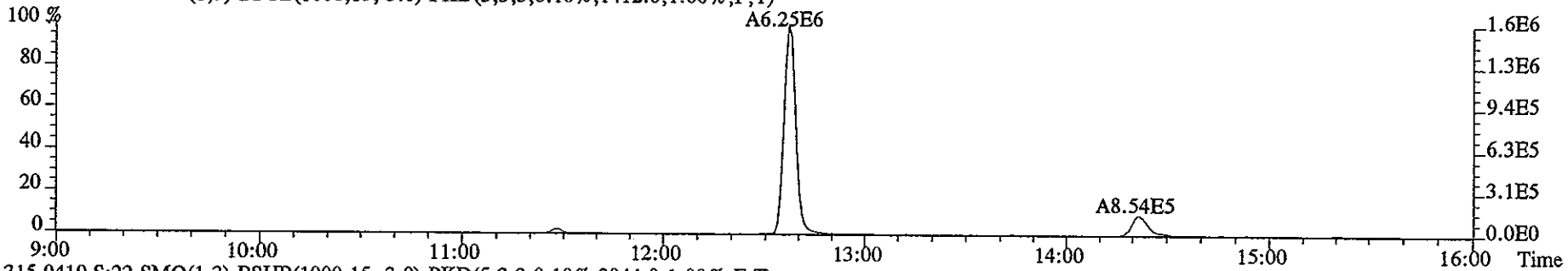
330.9792 S:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



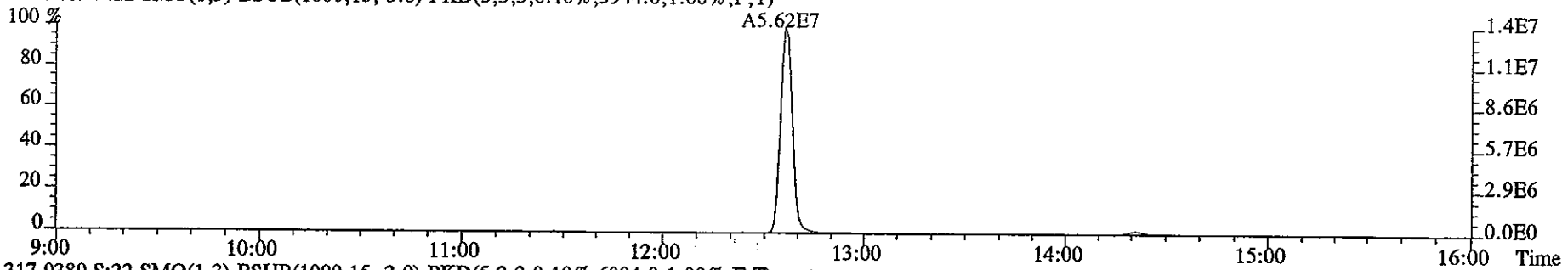
File:10JA067D2 #1-1169 Acq:10-JAN-2006 22:29:47 GC EI+ Voltage SIR 70S
Sample#22 Text:ST0110A :CS3 2565-41C Exp:DB225
303.9016 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1056.0,1.00%,F,T)



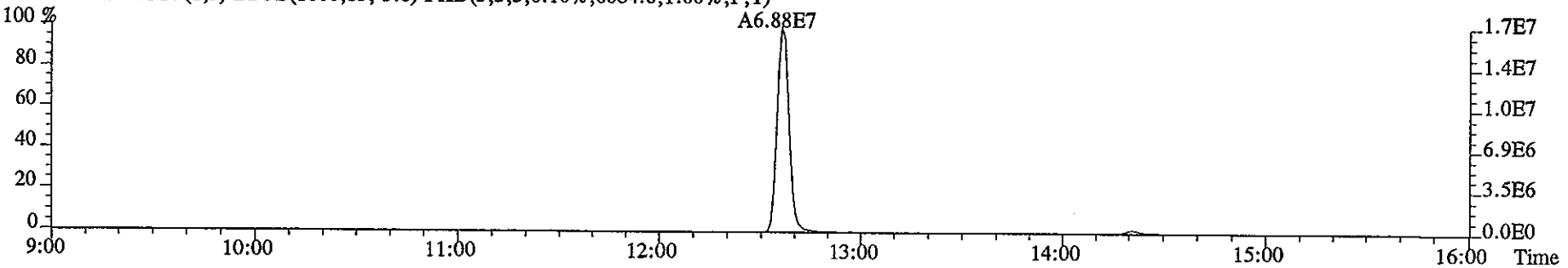
305.8987 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1412.0,1.00%,F,T)



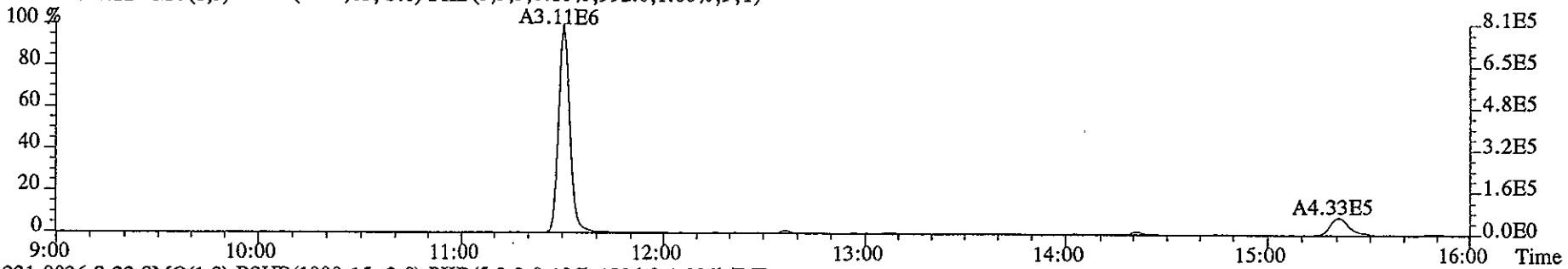
315.9419 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3944.0,1.00%,F,T)



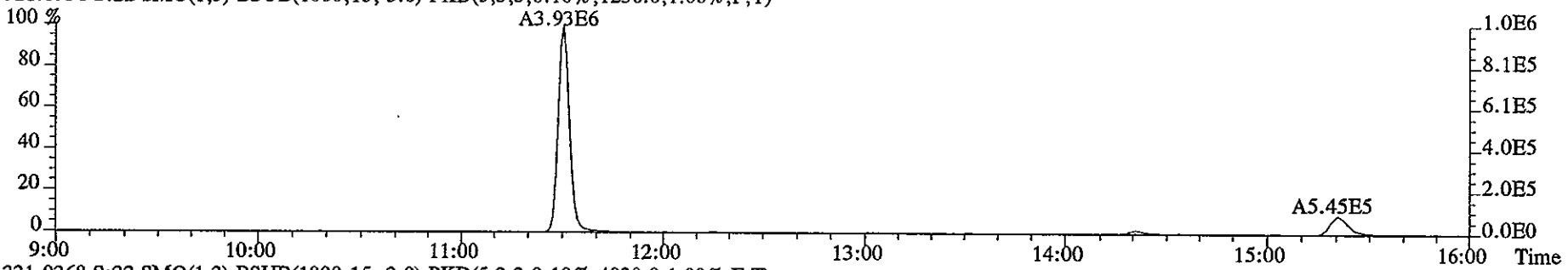
317.9389 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6084.0,1.00%,F,T)



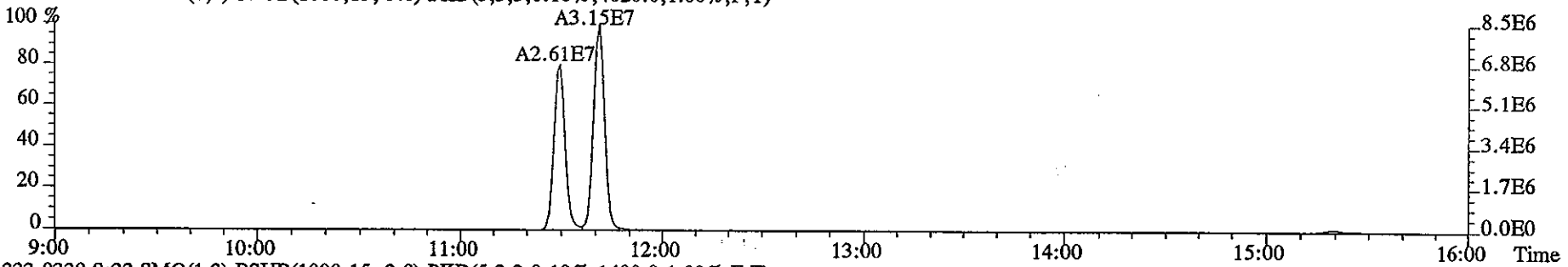
File:10JA067D2 #1-1169 Acq:10-JAN-2006 22:29:47 GC EI+ Voltage SIR 70S
Sample#22 Text:ST0110A :CS3 2565-41C Exp:DB225
319.8965 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,992.0,1.00%,F,T)



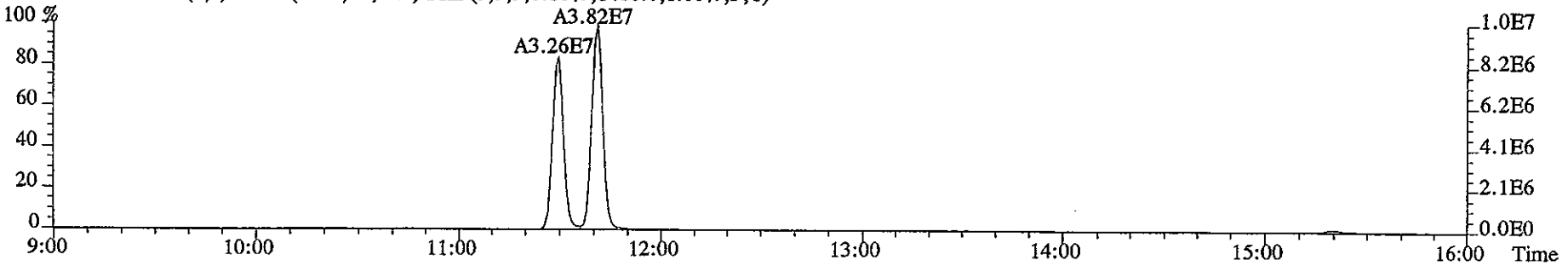
321.8936 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1236.0,1.00%,F,T)



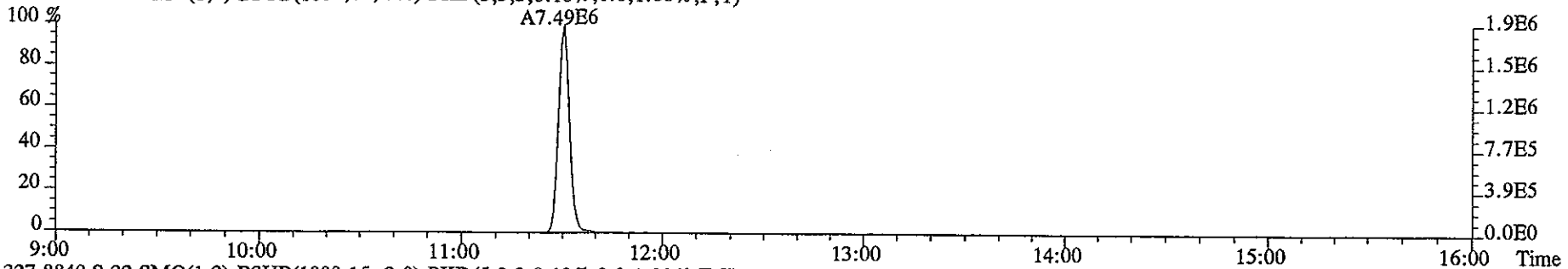
331.9368 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4020.0,1.00%,F,T)



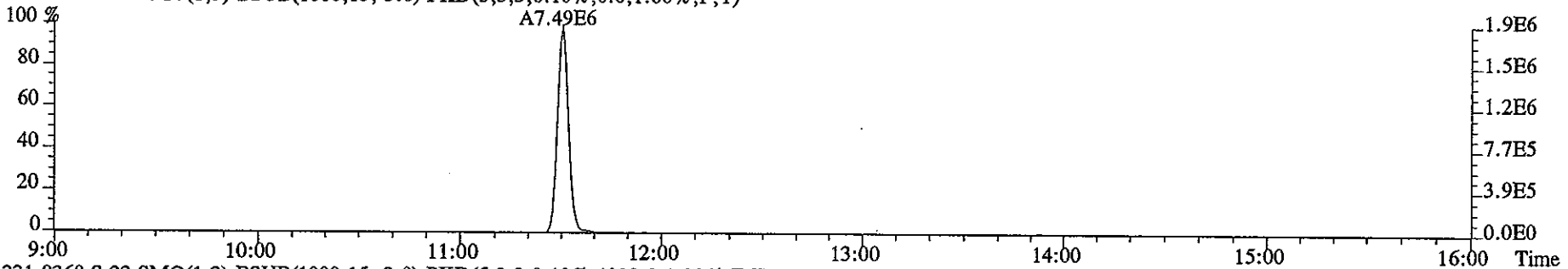
333.9339 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1480.0,1.00%,F,T)



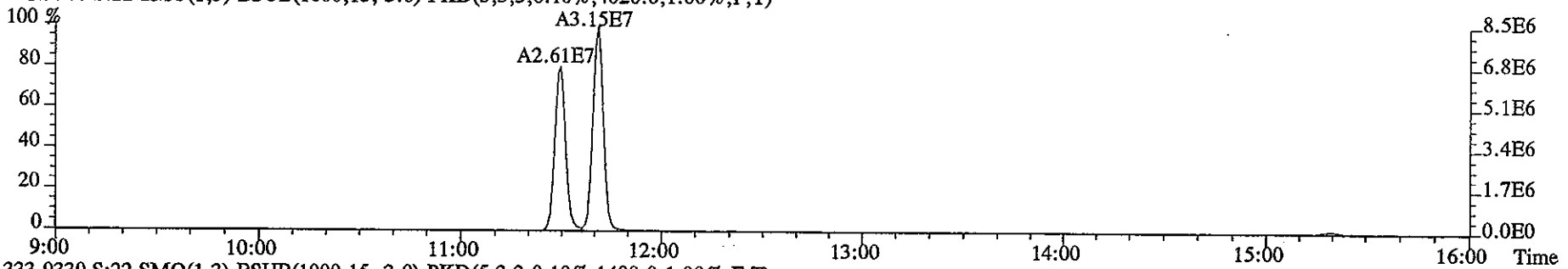
File:10JA067D2 #1-1169 Acq:10-JAN-2006 22:29:47 GC EI+ Voltage SIR 70S
Sample#22 Text:ST0110A :CS3 2565-41C Exp:DB225
327.8840 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,0.0,1.00%,F,T)



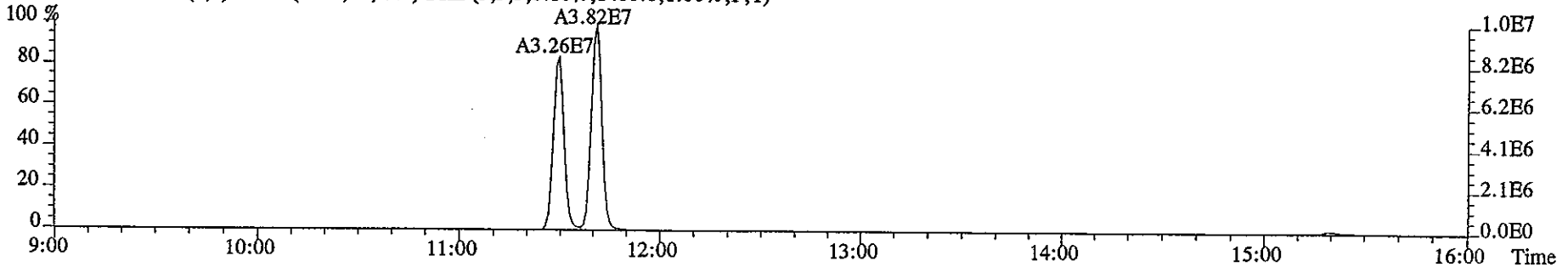
327.8840 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,0.0,1.00%,F,T)



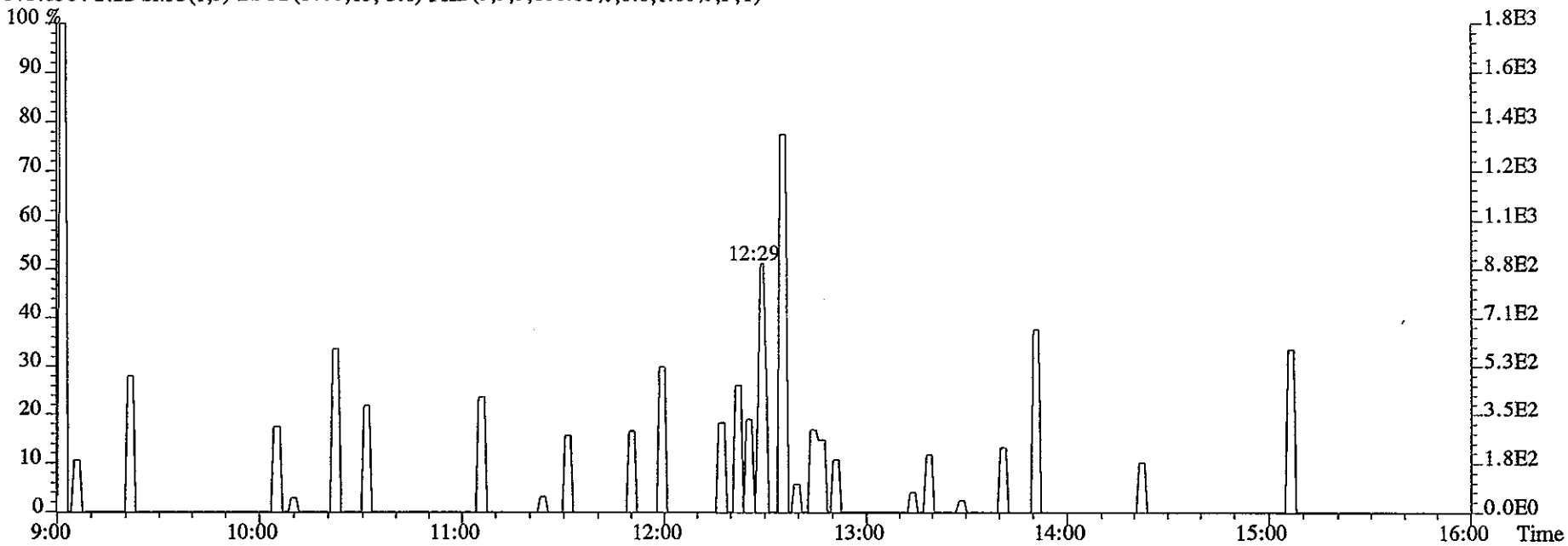
331.9368 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4020.0,1.00%,F,T)



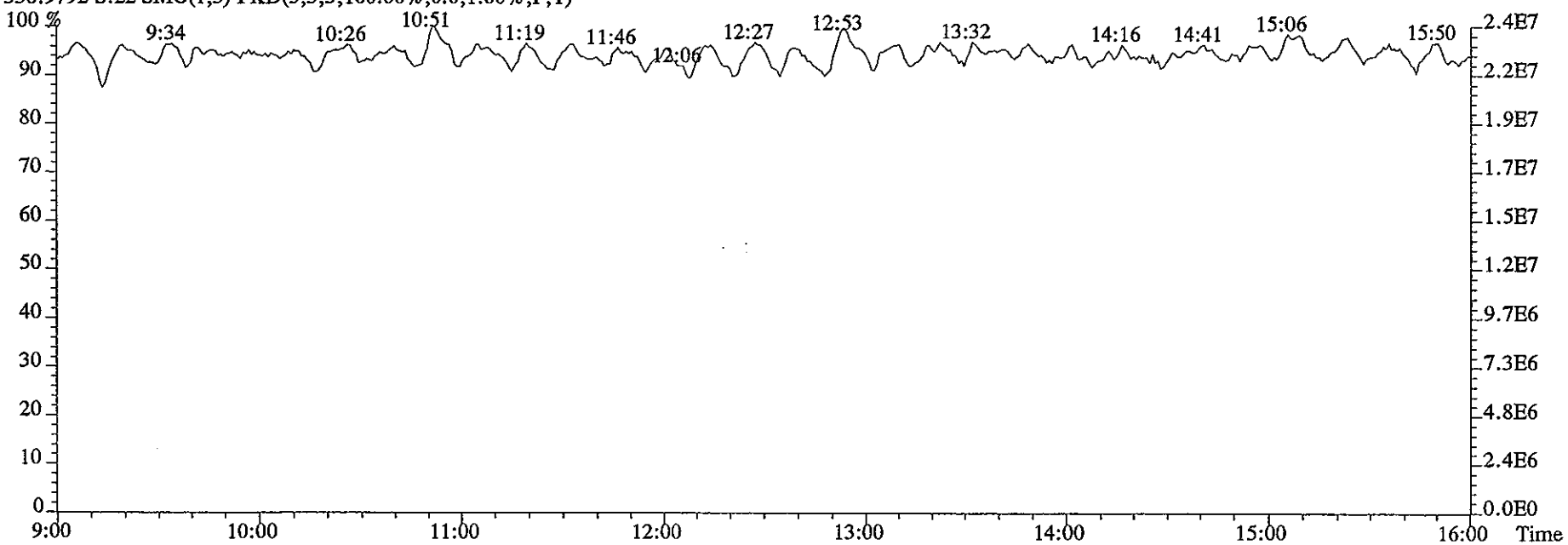
333.9339 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1480.0,1.00%,F,T)



File:10JA067D2 #1-1169 Acq:10-JAN-2006 22:29:47 GC EI+ Voltage SIR 70S
Sample#22 Text:ST0110A :CS3 2565-41C Exp:DB225
375.8364 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



330.9792 S:22 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Initial Calibration

Includes (as applicable):

runlog

standard raw data

statistical summary

ms tune data

SEVERN TRENT SERVICES

Initial Calibration Checklist

High Resolution

ICAL ID (1613, 23, 0023A, TO9, 8290, TETRAS) 120905105

Method ID 1613B, 23, 0023A, TO9, 8290, TETRAS (1613B, 551)

Column ID DB5 **Instrument ID** 105

STD ID's ST1209(C,B,A,E,D) **STD Solution** 2565-41 (A→E)

Multiplier Setting 340V

Analyzed By M.G. **Date Analyzed** 12/9/05

Prepared By M.G. **Date Prepared** 12/12/05

Reviewed By SMA **Date Reviewed** 12/12/05

ANALYSIS OF ICAL	INITIATED	REVIEWED
Curve summary present?	✓	✓
Hardcopies of chromatograms for CS1-CS5 present?	✓	✓
Copy of log-file present?	✓	✓
Static resolution check present?	✓	✓
Target file RT's correct?	✓	✓
%RSD within method-specified limits?*	✓	✓
Signal-to-noise criteria met?*	✓	✓
Isotopic ratios within limits?	✓	✓
High point free of saturation?	✓	✓
Are chromatographic windows correct?	✓	✓
Manual reintegration's checked and hardcopies included?	NA	NA

COMMENTS:

*Method 8290: %RSD ≤ 20% for natives, ≤ 30% for labeled analytes; S/N ≥ 10
Method 1613A: %CV≤ 35% (See Table 7, Method 1613A); S/N ≥ 10
Method 23: %RSD ≤ values specified in Table 5, Method 23; S/N > 2.5
PAH: %RSD ≤ 30% for natives and labeled compounds; S/N ≥ 10
PCB: %RSD ≤ 20% for natives, ≤ 40% for labeled compounds; S/N ≥ 2.5
NCASI 551: %RSD ≤ 20% for natives and labeled compounds; ≥ 5
DBD/DBF: %RSD≤30% for natives, ≤40% for labeled analytes; S/N≥10

QA-384 DW 05/03

Run: 09DE051D5IC¶ Analyte: 8290 Cal: 82901209051D5

ST1209C :CS1 2565-41A ST1209B :CS2 2565-41B ST1209A :CS3 2565-41C
ST1209E :CS4 2565-41D ST1209D :CS5 2565-41E

Name	Mean	S. D.	%RSD	09DE051D5 S5 RRF1	09DE051D5 S4 RRF2	09DE051D5 S3 RRF3	09DE051D5 S7 RRF4	09DE051D5 S6 RRF5
13C-1,2,3,4-TCDD	-	-	- %	-	-	-	-	-
13C-2,3,7,8-TCDF	1.683	0.069	4.08 %	1.70	1.59	1.65	1.70	1.78
2,3,7,8-TCDF	1.163	0.061	5.21 %	1.25	1.14	1.08	1.16	1.19
Total TCDF	1.163	0.061	5.21 %	1.25	1.14	1.08	1.16	1.19
13C-2,3,7,8-TCDD	0.896	0.024	2.67 %	0.89	0.86	0.89	0.90	0.93
2,3,7,8-TCDD	1.322	0.124	9.40 %	1.53	1.22	1.25	1.27	1.34
Total TCDD	1.322	0.124	9.40 %	1.53	1.22	1.25	1.27	1.34
37Cl-2,3,7,8-TCDD	2.444	0.304	12.5 %	2.85	2.08	2.30	2.34	2.65
13C-1,2,3,7,8-PeCDF	1.545	0.096	6.25 %	1.48	1.48	1.49	1.56	1.71
1,2,3,7,8-PeCDF	1.004	0.042	4.18 %	0.97	0.96	1.00	1.04	1.06
2,3,4,7,8-PeCDF	1.049	0.040	3.79 %	1.03	1.00	1.04	1.08	1.10
Total F2 PeCDF	1.027	0.041	3.96 %	1.00	0.98	1.02	1.06	1.08
Total F1 PeCDF	1.027	0.041	3.96 %	1.00	0.98	1.02	1.06	1.08
13C-1,2,3,7,8-PeCDD	0.914	0.059	6.48 %	0.86	0.90	0.86	0.94	1.00
1,2,3,7,8-PeCDD	1.043	0.053	5.10 %	1.03	0.97	1.04	1.08	1.11
Total PeCDD	1.043	0.053	5.10 %	1.03	0.97	1.04	1.08	1.11
13C-1,2,3,7,8,9-HxCDD	-	-	- %	-	-	-	-	-
13C-1,2,3,4,7,8-HxCDF	1.383	0.030	2.19 %	1.38	1.37	1.42	1.39	1.34
1,2,3,4,7,8-HxCDF	1.111	0.044	3.97 %	1.14	1.05	1.07	1.14	1.15
1,2,3,6,7,8-HxCDF	1.140	0.060	5.24 %	1.15	1.07	1.09	1.18	1.21
2,3,4,6,7,8-HxCDF	1.064	0.044	4.11 %	1.06	1.01	1.04	1.10	1.12
1,2,3,7,8,9-HxCDF	1.018	0.052	5.07 %	1.06	0.96	0.98	1.02	1.07
Total HxCDF	1.083	0.048	4.45 %	1.10	1.02	1.04	1.11	1.14
13C-1,2,3,6,7,8-HxCDD	0.958	0.009	0.978¶	0.96	0.95	0.95	0.97	0.95
1,2,3,4,7,8-HxCDD	0.954	0.065	6.76 %	0.88	0.89	0.99	1.00	1.01

1,2,3,6,7,8-HxCDD	1.001	0.041	4.06 %	0.97	0.95	1.01	1.02	1.05
1,2,3,7,8,9-HxCDD	1.044	0.047	4.53 %	1.04	0.97	1.06	1.06	1.09
Total HxCDD	1.000	0.049	4.87 %	0.96	0.93	1.02	1.03	1.05
3C-1,2,3,4,6,7,8-HpCDF	1.129	0.027	2.35 %	1.14	1.13	1.17	1.11	1.10
1,2,3,4,6,7,8-HpCDF	1.311	0.041	3.09 %	1.29	1.25	1.32	1.33	1.36
1,2,3,4,7,8,9-HpCDF	1.191	0.085	7.13 %	1.10	1.11	1.20	1.25	1.29
Total HpCDF	1.251	0.061	4.92 %	1.20	1.18	1.26	1.29	1.33
3C-1,2,3,4,6,7,8-HpCDD	0.998	0.006	0.597	0.99	0.99	1.00	0.99	1.01
1,2,3,4,6,7,8-HpCDD	0.948	0.044	4.69 %	0.90	0.90	0.98	0.97	0.99
Total HpCDD	0.948	0.044	4.69 %	0.90	0.90	0.98	0.97	0.99
13C-OCDD	0.809	0.045	5.59 %	0.81	0.74	0.82	0.81	0.87
OCDF	1.319	0.064	4.87 %	1.29	1.23	1.32	1.37	1.38
OCDD	1.005	0.034	3.40 %	1.03	0.95	0.99	1.03	1.03

Run #1 Filename 09DE051D5 S: 5 I: 1
Acquired: 9-DEC-05 11:41:21 Processed: 9-DEC-05 18:10:33
Run: 09DE051D5IC¶ Analyte: 8290 Cal: 82901209051D5
Comments:
Sample text: ST1209C :CS1 2565-41A

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	93682600	0.79	y	17:26	-	100.00	n
13C-2,3,7,8-TCDF	158807400	0.82	y	16:56	1.70	100.00	n
2,3,7,8-TCDF	989453	0.72	y	16:57	1.25	0.50	n
Total TCDF	-	-	n	-	1.25	0.50	n
13C-2,3,7,8-TCDD	83444300	0.80	y	17:37	0.89	100.00	n
2,3,7,8-TCDD	638008	0.68	y	17:38	1.53	0.50	n
Total TCDD	-	-	n	-	1.53	0.50	n
37Cl-2,3,7,8-TCDD	1334704	1.00	y	17:38	2.85	0.50	n
13C-1,2,3,7,8-PeCDF	139047200	1.63	y	21:48	1.48	100.00	n
1,2,3,7,8-PeCDF	3387570	1.65	y	21:49	0.97	2.50	n
2,3,4,7,8-PeCDF	3587020	1.52	y	23:06	1.03	2.50	n
Total F2 PeCDF	-	-	n	-	1.00	5.00	n
Total F1 PeCDF	-	-	n	-	1.00	5.00	n
13C-1,2,3,7,8-PeCDD	80862400	1.65	y	23:47	0.86	100.00	n
1,2,3,7,8-PeCDD	2075419	1.67	y	23:49	1.03	2.50	n
Total PeCDD	-	-	n	-	1.03	2.50	n
13C-1,2,3,7,8,9-HxCDD	81008200	1.28	y	31:56	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	112043600	0.53	y	29:59	1.38	100.00	n
1,2,3,4,7,8-HxCDF	3196940	1.33	y	30:00	1.14	2.50	n
1,2,3,6,7,8-HxCDF	3225520	1.36	y	30:15	1.15	2.50	n
2,3,4,6,7,8-HxCDF	2968830	1.27	y	31:14	1.06	2.50	n
1,2,3,7,8,9-HxCDF	2977740	1.29	y	32:10	1.06	2.50	n
Total HxCDF	-	-	n	-	1.10	10.00	n
13C-1,2,3,6,7,8-HxCDD	78012400	1.30	y	31:33	0.96	100.00	n
1,2,3,4,7,8-HxCDD	1717080	1.21	y	31:28	0.88	2.50	n
1,2,3,6,7,8-HxCDD	1896807	1.17	y	31:34	0.97	2.50	n
1,2,3,7,8,9-HxCDD	2030360	1.37	y	31:57	1.04	2.50	n
Total HxCDD	-	-	n	-	0.96	7.50	n
13C-1,2,3,4,6,7,8-HpCDF	92384200	0.45	y	33:48	1.14	100.00	n
1,2,3,4,6,7,8-HpCDF	2985380	0.92	y	33:49	1.29	2.50	n
1,2,3,4,7,8,9-HpCDF	2536500	1.03	y	35:02	1.10	2.50	n
Total HpCDF	-	-	n	-	1.20	5.00	n
13C-1,2,3,4,6,7,8-HpCDD	80543400	1.08	y	34:43	0.99	100.00	n
1,2,3,4,6,7,8-HpCDD	1812920	1.10	y	34:44	0.90	2.50	n
Total HpCDD	-	-	n	-	0.90	2.50	n
13C-OCDD	130429600	0.90	y	37:22	0.81	200.00	n
OCDF	4209020	0.92	y	37:27	1.29	5.00	n

OCDD	3345810	0.89	y	37:23	1.03	5.00	n

Run #2 Filename 09DE051D5 S: 4 I: 1
Acquired: 9-DEC-05 10:59:40 Processed: 9-DEC-05 18:10:34
Run: 09DE051D5IC╖ Analyte: 8290 Cal: 82901209051D5
Comments:
Sample text: ST1209B :CS2 2565-41B

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	124233200	0.83	y	17:26	-	100.00	n
13C-2,3,7,8-TCDF	197698200	0.84	y	16:55	1.59	100.00	n
2,3,7,8-TCDF	4503050	0.82	y	16:57	1.14	2.00	n
Total TCDF	-	-	n	-	1.14	2.00	n
13C-2,3,7,8-TCDD	107358900	0.81	y	17:37	0.86	100.00	n
2,3,7,8-TCDD	2621470	0.78	y	17:39	1.22	2.00	n
Total TCDD	-	-	n	-	1.22	2.00	n
37Cl-2,3,7,8-TCDD	5161440	1.00	y	17:39	2.08	2.00	n
13C-1,2,3,7,8-PeCDF	184260700	1.58	y	21:48	1.48	100.00	n
1,2,3,7,8-PeCDF	17600040	1.61	y	21:49	0.96	10.00	n
2,3,4,7,8-PeCDF	18352800	1.62	y	23:06	1.00	10.00	n
Total F2 PeCDF	-	-	n	-	0.98	20.00	n
Total F1 PeCDF	-	-	n	-	0.98	20.00	n
13C-1,2,3,7,8-PeCDD	111972000	1.63	y	23:47	0.90	100.00	n
1,2,3,7,8-PeCDD	10817460	1.66	y	23:49	0.97	10.00	n
Total PeCDD	-	-	n	-	0.97	10.00	n
13C-1,2,3,7,8,9-HxCDD	108404000	1.29	y	31:57	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	148722900	0.53	y	29:58	1.37	100.00	n
1,2,3,4,7,8-HxCDF	15677500	1.33	y	30:00	1.05	10.00	n
1,2,3,6,7,8-HxCDF	15842670	1.23	y	30:14	1.07	10.00	n
2,3,4,6,7,8-HxCDF	15005410	1.32	y	31:14	1.01	10.00	n
1,2,3,7,8,9-HxCDF	14239890	1.27	y	32:10	0.96	10.00	n
Total HxCDF	-	-	n	-	1.02	40.00	n
13C-1,2,3,6,7,8-HxCDD	103215700	1.30	y	31:34	0.95	100.00	n
1,2,3,4,7,8-HxCDD	9157150	1.25	y	31:27	0.89	10.00	n
1,2,3,6,7,8-HxCDD	9801750	1.23	y	31:34	0.95	10.00	n
1,2,3,7,8,9-HxCDD	9960570	1.19	y	31:58	0.97	10.00	n
Total HxCDD	-	-	n	-	0.93	30.00	n
13C-1,2,3,4,6,7,8-HpCDF	122130000	0.45	y	33:48	1.13	100.00	n
1,2,3,4,6,7,8-HpCDF	15310290	1.04	y	33:49	1.25	10.00	n
1,2,3,4,7,8,9-HpCDF	13599140	1.05	y	35:03	1.11	10.00	n
Total HpCDF	-	-	n	-	1.18	20.00	n
13C-1,2,3,4,6,7,8-HpCDD	107792700	1.08	y	34:42	0.99	100.00	n
1,2,3,4,6,7,8-HpCDD	9704500	1.01	y	34:43	0.90	10.00	n
Total HpCDD	-	-	n	-	0.90	10.00	n
13C-OCDD	160629700	0.92	y	37:23	0.74	200.00	n
OCDF	19684580	0.90	y	37:28	1.23	20.00	n
OCDD	15274490	0.87	y	37:24	0.95	20.00	n

Run #3 Filename 09DE051D5 S: 3 I: 1
Acquired: 9-DEC-05 10:17:59 Processed: 9-DEC-05 18:10:35
Run: 09DE051D5IC Analyte: 8290 Cal: 82901209051D5
Comments:

Sample text: ST1209A :CS3 2565-41C

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	109003100	0.83	y	17:27	-	100.00	n
13C-2,3,7,8-TCDF	180083500	0.84	y	16:56	1.65	100.00	n
2,3,7,8-TCDF	19492510	0.78	y	16:57	1.08	10.00	n
Total TCDF	-	-	n	-	1.08	10.00	n
13C-2,3,7,8-TCDD	97331100	0.81	y	17:36	0.89	100.00	n
2,3,7,8-TCDD	12175800	0.81	y	17:39	1.25	10.00	n
Total TCDD	-	-	n	-	1.25	10.00	n
37Cl-2,3,7,8-TCDD	25092800	1.00	y	17:39	2.30	10.00	n
13C-1,2,3,7,8-PeCDF	162491000	1.64	y	21:48	1.49	100.00	n
1,2,3,7,8-PeCDF	81243100	1.61	y	21:49	1.00	50.00	n
2,3,4,7,8-PeCDF	84506200	1.63	y	23:06	1.04	50.00	n
Total F2 PeCDF	-	-	n	-	1.02	100.00	n
Total F1 PeCDF	-	-	n	-	1.02	100.00	n
13C-1,2,3,7,8-PeCDD	94075700	1.66	y	23:47	0.86	100.00	n
1,2,3,7,8-PeCDD	48958700	1.66	y	23:48	1.04	50.00	n
Total PeCDD	-	-	n	-	1.04	50.00	n
13C-1,2,3,7,8,9-HxCDD	97743700	1.31	y	31:56	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	139260800	0.53	y	29:58	1.42	100.00	n
1,2,3,4,7,8-HxCDF	74608100	1.27	y	30:00	1.07	50.00	n
1,2,3,6,7,8-HxCDF	76165300	1.28	y	30:14	1.09	50.00	n
2,3,4,6,7,8-HxCDF	72226000	1.27	y	31:13	1.04	50.00	n
1,2,3,7,8,9-HxCDF	67971800	1.28	y	32:09	0.98	50.00	n
Total HxCDF	-	-	n	-	1.04	200.00	n
13C-1,2,3,6,7,8-HxCDD	93094000	1.29	y	31:34	0.95	100.00	n
1,2,3,4,7,8-HxCDD	46035500	1.29	y	31:27	0.99	50.00	n
1,2,3,6,7,8-HxCDD	47233500	1.27	y	31:35	1.01	50.00	n
1,2,3,7,8,9-HxCDD	49472700	1.29	y	31:57	1.06	50.00	n
Total HxCDD	-	-	n	-	1.02	150.00	n
13C-1,2,3,4,6,7,8-HpCDF	114184000	0.44	y	33:48	1.17	100.00	n
1,2,3,4,6,7,8-HpCDF	75133500	1.06	y	33:49	1.32	50.00	n
1,2,3,4,7,8,9-HpCDF	68318200	1.06	y	35:02	1.20	50.00	n
Total HpCDF	-	-	n	-	1.26	100.00	n
13C-1,2,3,4,6,7,8-HpCDD	97669700	1.05	y	34:42	1.00	100.00	n
1,2,3,4,6,7,8-HpCDD	47819200	1.05	y	34:43	0.98	50.00	n
Total HpCDD	-	-	n	-	0.98	50.00	n
13C-OCDD	160460400	0.91	y	37:22	0.82	200.00	n
OCDF	106023800	0.90	y	37:27	1.32	100.00	n
OCDD	79492900	0.90	y	37:23	0.99	100.00	n

Run #4 Filename 09DE051D5 S: 7 I: 1
Acquired: 9-DEC-05 13:04:43 Processed: 9-DEC-05 18:10:37
Run: 09DE051D5IC┐ Analyte: 8290 Cal: 82901209051D5
Comments:
Sample text: ST1209E :CS4 2565-41D

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	100435400	0.83	y	17:26	-	100.00	n
13C-2,3,7,8-TCDF	170420600	0.83	y	16:56	1.70	100.00	n
2,3,7,8-TCDF	78925000	0.82	y	16:57	1.16	40.00	n
Total TCDF	-	-	n	-	1.16	40.00	n
13C-2,3,7,8-TCDD	90608800	0.82	y	17:37	0.90	100.00	n
2,3,7,8-TCDD	45883200	0.77	y	17:38	1.27	40.00	n
Total TCDD	-	-	n	-	1.27	40.00	n
37Cl-2,3,7,8-TCDD	94198800	1.00	y	17:38	2.34	40.00	n
13C-1,2,3,7,8-PeCDF	156517500	1.61	y	21:48	1.56	100.00	n
1,2,3,7,8-PeCDF	324037000	1.60	y	21:49	1.04	200.00	n
2,3,4,7,8-PeCDF	338046000	1.59	y	23:06	1.08	200.00	n
Total F2 PeCDF	-	-	n	-	1.06	400.00	n
Total F1 PeCDF	-	-	n	-	1.06	400.00	n
13C-1,2,3,7,8-PeCDD	94233900	1.60	y	23:47	0.94	100.00	n
1,2,3,7,8-PeCDD	203143400	1.62	y	23:48	1.08	200.00	n
Total PeCDD	-	-	n	-	1.08	200.00	n
13C-1,2,3,7,8,9-HxCDD	93552700	1.27	y	31:57	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	130371800	0.54	y	29:58	1.39	100.00	n
1,2,3,4,7,8-HxCDF	296988000	1.26	y	30:00	1.14	200.00	n
1,2,3,6,7,8-HxCDF	307674000	1.25	y	30:14	1.18	200.00	n
2,3,4,6,7,8-HxCDF	286093000	1.28	y	31:14	1.10	200.00	n
1,2,3,7,8,9-HxCDF	266055000	1.26	y	32:10	1.02	200.00	n
Total HxCDF	-	-	n	-	1.11	800.00	n
13C-1,2,3,6,7,8-HxCDD	90888900	1.31	y	31:33	0.97	100.00	n
1,2,3,4,7,8-HxCDD	181618400	1.25	y	31:27	1.00	200.00	n
1,2,3,6,7,8-HxCDD	184895400	1.26	y	31:34	1.02	200.00	n
1,2,3,7,8,9-HxCDD	192930800	1.26	y	31:57	1.06	200.00	n
Total HxCDD	-	-	n	-	1.03	600.00	n
13C-1,2,3,4,6,7,8-HpCDF	104139000	0.45	y	33:48	1.11	100.00	n
1,2,3,4,6,7,8-HpCDF	276884000	1.05	y	33:49	1.33	200.00	n
1,2,3,4,7,8,9-HpCDF	260244000	1.05	y	35:02	1.25	200.00	n
Total HpCDF	-	-	n	-	1.29	400.00	n
13C-1,2,3,4,6,7,8-HpCDD	93027100	1.09	y	34:42	0.99	100.00	n
1,2,3,4,6,7,8-HpCDD	180715800	1.04	y	34:43	0.97	200.00	n
Total HpCDD	-	-	n	-	0.97	200.00	n
13C-OCDD	152110800	0.92	y	37:22	0.81	200.00	n
OCDF	417538000	0.91	y	37:27	1.37	400.00	n
OCDD	312072000	0.89	y	37:23	1.03	400.00	n

Run #5 Filename 09DE051D5 S: 6 I: 1
Acquired: 9-DEC-05 12:23:02 Processed: 9-DEC-05 18:10:39
Run: 09DE051D5IC┐ Analyte: 8290 Cal: 82901209051D5
Comments:
Sample text: ST1209D :CS5 2565-41E

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	95821500	0.81	y	17:27	-	100.00	n
13C-2,3,7,8-TCDF	170427500	0.84	y	16:56	1.78	100.00	n
2,3,7,8-TCDF	405215000	0.80	y	16:57	1.19	200.00	n
Total TCDF	-	-	n	-	1.19	200.00	n
13C-2,3,7,8-TCDD	89177000	0.79	y	17:38	0.93	100.00	n
2,3,7,8-TCDD	239845000	0.76	y	17:39	1.34	200.00	n
Total TCDD	-	-	n	-	1.34	200.00	n
37Cl-2,3,7,8-TCDD	507560000	1.00	y	17:39	2.65	200.00	n
13C-1,2,3,7,8-PeCDF	163671700	1.60	y	21:48	1.71	100.00	n
1,2,3,7,8-PeCDF	1729901000	1.59	y	21:50	1.06	1000.00	n
2,3,4,7,8-PeCDF	1793231000	1.59	y	23:06	1.10	1000.00	n
Total F2 PeCDF	-	-	n	-	1.08	2000.00	n
Total F1 PeCDF	-	-	n	-	1.08	2000.00	n
13C-1,2,3,7,8-PeCDD	96200400	1.59	y	23:46	1.00	100.00	n
1,2,3,7,8-PeCDD	1063622000	1.59	y	23:48	1.11	1000.00	n
Total PeCDD	-	-	n	-	1.11	1000.00	n
13C-1,2,3,7,8,9-HxCDD	100602000	1.28	y	31:56	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	135011300	0.52	y	29:58	1.34	100.00	n
1,2,3,4,7,8-HxCDF	1548364000	1.28	y	29:59	1.15	1000.00	n
1,2,3,6,7,8-HxCDF	1632990000	1.25	y	30:14	1.21	1000.00	n
2,3,4,6,7,8-HxCDF	1507967000	1.27	y	31:13	1.12	1000.00	n
1,2,3,7,8,9-HxCDF	1451204000	1.27	y	32:10	1.07	1000.00	n
Total HxCDF	-	-	n	-	1.14	4000.00	n
13C-1,2,3,6,7,8-HxCDD	95487200	1.31	y	31:33	0.95	100.00	n
1,2,3,4,7,8-HxCDD	967528000	1.26	y	31:27	1.01	1000.00	n
1,2,3,6,7,8-HxCDD	1005688000	1.28	y	31:34	1.05	1000.00	n
1,2,3,7,8,9-HxCDD	1039949000	1.26	y	31:57	1.09	1000.00	n
Total HxCDD	-	-	n	-	1.05	3000.00	n
13C-1,2,3,4,6,7,8-HpCDF	110568800	0.45	y	33:48	1.10	100.00	n
1,2,3,4,6,7,8-HpCDF	1505728000	1.05	y	33:49	1.36	1000.00	n
1,2,3,4,7,8,9-HpCDF	1431653000	1.05	y	35:01	1.29	1000.00	n
Total HpCDF	-	-	n	-	1.33	2000.00	n
13C-1,2,3,4,6,7,8-HpCDD	101408400	1.11	y	34:43	1.01	100.00	n
1,2,3,4,6,7,8-HpCDD	1005043000	1.05	y	34:43	0.99	1000.00	n
Total HpCDD	-	-	n	-	0.99	1000.00	n
13C-OCDD	174460000	0.92	y	37:21	0.87	200.00	n
OCDF	2412980000	0.91	y	37:26	1.38	2000.00	n
OCDD	1798299000	0.90	y	37:21	1.03	2000.00	n

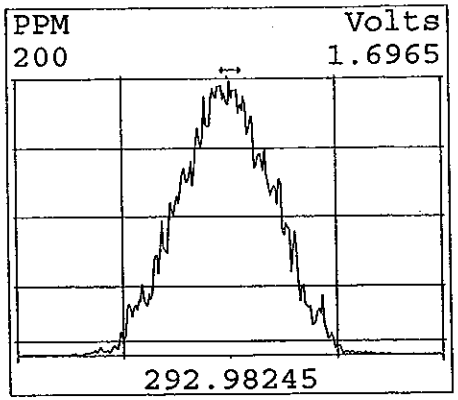
Data file	Smp	Work Order	Sample ID	FV-uL	Method/Matrix	Box	Size	U
09DE051D5	1	ST1209	CS3 2565-41C				1.000	
09DE051D5	2	CP1209	DB-5 CPSM 2565-47				1.000	
09DE051D5	3	ST1209A	CS3 2565-41C				1.000	
09DE051D5	4	ST1209B	CS2 2565-41B				1.000	
09DE051D5	5	ST1209C	CS1 2565-41A				1.000	
09DE051D5	6	ST1209D	CS5 2565-41E				1.000	
09DE051D5	7	ST1209E	CS4 2565-41D				1.000	
09DE051D5	8	ST1209F	CS3 2565-41C				1.000	
09DE051D5	9	SB1209	Solvent Blank C-14				1.000	
09DE051D5	10	HPQWP-2-AC	G5K090359-1RX	20	8290/SOLID	13	10.000	g
09DE051D5	11	HPQWP-1-AD	G5K090359-1S	20	8290/SOLID		10.000	g
09DE051D5	12	HPQWP-1-AE	G5K090359-1D	20	8290/SOLID		10.000	g
09DE051D5	13	HPQWX-2-AC	G5K090359-2RX	20	8290/SOLID		10.000	g
09DE051D5	14	HPQW9-2-AC	G5K090359-3RX	20	8290/SOLID		10.000	g
09DE051D5	15	ST1209G	CS3 2565-41C				1.000	
09DE051D5	16						1.000	
09DE051D5	17						1.000	
09DE051D5	18						1.000	
09DE051D5	19						1.000	
09DE051D5	20						1.000	
09DE051D5	21						1.000	
09DE051D5	22						1.000	
DE051D5	23		MG 12/09/05				1.000	
09DE051D5	24						1.000	

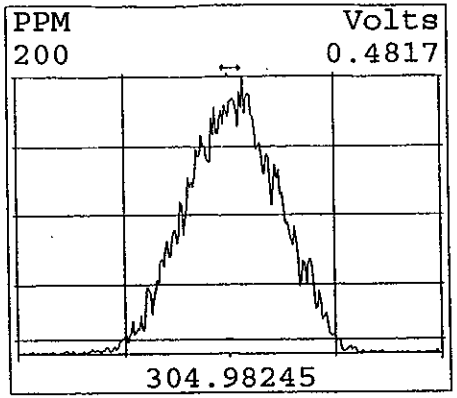
2nd Source
Run Log

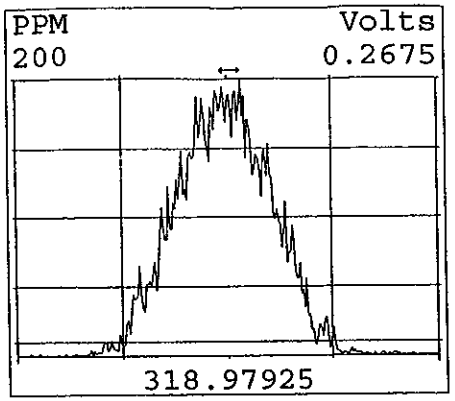
Data file	Smp	Work Order	Sample ID	FV-uL	Method/Matrix	Box	Size	U
12DE051D5	1	ST1212	CS3 2565-41C				1.000	
12DE051D5	2	ST1212A	CS3 2565-41C				1.000	
12DE051D5	3	2nd Source	091305IS-2QC — 2nd Source	20	8290/1613B		1.000	SAMP
12DE051D5	4	CP1212	DB-5 CPSM 2565-47				1.000	
12DE051D5	5	SB1212	Solvent Blank C-14				1.000	
12DE051D5	6	IS QC	120605IS-1QC	20	8290/1613B	QC40	1.000	SAMP
12DE051D5	7	HRMXR-1-AC	G5L080000-193C	20	8290/1613B	15	10.000	g
12DE051D5	8	HRMXR-1-AA	G5L080000-193B	20	8290/1613B		10.000	g
12DE051D5	9	HQXJM-1-AC	G5K250125-16	20	8290/SOLID		10.000	g
12DE051D5	10	HQXJQ-1-AC	G5K250125-18	20	8290/SOLID		10.000	g
12DE051D5	11	HQXJP-1-AC	G5K250125-17	20	8290/SOLID		10.000	g
12DE051D5	12	HQXJX-1-AC	G5K250125-19	20	8290/SOLID		10.000	g
12DE051D5	13	HQXJ2-1-AC	G5K250125-20	20	8290/SOLID		10.000	g
12DE051D5	14	HQXJ3-1-AC	G5K250125-21	20	8290/SOLID		10.000	g
12DE051D5	15	HQX6C-1-AC	G5K250170-1	20	8290/SOLID		10.000	g
12DE051D5	16	HRFR8-1-AA	G5L020313-21	20	8290/SOLID		10.000	g
12DE051D5	17	HRFTA-1-AC	G5L020313-22	20	8290/SOLID		10.000	g
12DE051D5	18	HRFTC-1-AC	G5L020313-23	20	8290/SOLID		10.000	g
12DE051D5	19	SB1212A	Solvent Blank C-14				1.000	
12DE051D5	20	Native QC	121205Nat-1QC	20	8290/1613B	QC41	1.000	SAMP
12DE051D5	21	CP1212A	DB-5 CPSM 2565-47				1.000	
12DE051D5	22	ST1212B	CS3 2565-41C				1.000	
[illegible]DE051D5	23	SB1212B	Solvent Blank C-14				1.000	
[illegible]DE051D5	24	HQX7T-1-AC	G5K250174-1	20	8290/SOLID	15	10.000	g
12DE051D5	25	HQX7V-1-AC	G5K250174-2	20	8290/SOLID		10.000	g
12DE051D5	26	HRG91-1-AA	G5L060258-1	20	8290/SOLID		10.000	g
12DE051D5	27	HRG99-1-AA	G5L060258-2	20	8290/SOLID		10.000	g
12DE051D5	28	HRHAA-1-AA	G5L060258-3	20	8290/SOLID		10.000	g
12DE051D5	29	HRHAA-1-AD	G5L060258-3S	20	8290/SOLID		10.000	g
12DE051D5	30	HRHAA-1-AE	G5L060258-3D	20	8290/SOLID		10.000	g
12DE051D5	31	HRHAE-1-AA	G5L060258-4	20	8290/SOLID		10.000	g
12DE051D5	32	HRHAF-1-AA	G5L060258-5	20	8290/SOLID		10.000	g
12DE051D5	33	HRHAG-1-AA	G5L060258-6	20	8290/SOLID		10.000	g
12DE051D5	34	HRHAH-1-AA	G5L060258-7	20	8290/SOLID		10.000	g
12DE051D5	35	HRHAK-1-AA	G5L060258-8	20	8290/SOLID		10.000	g
12DE051D5	36	HRHAN-1-AA	G5L060258-9	20	8290/SOLID		10.000	g
12DE051D5	37	HRHAN-1-AD	G5L060258-9S	20	8290/SOLID		10.000	g
12DE051D5	38	HRHAN-1-AE	G5L060258-9D	20	8290/SOLID		10.000	g
12DE051D5	39	SB1212C	Solvent Blank C-14				1.000	
12DE051D5	40	CP1212B	DB-5 CPSM 2565-47				1.000	
12DE051D5	41	ST1212C	CS3 2565-41C				1.000	
12DE051D5	42	SB1212D	Solvent Blank C-14				1.000	
12DE051D5	43	HRRL7-1-AA	G5L090000-273B	20	8290/SOLID	15	10.000	g
12DE051D5	44	HRRL7-1-AC	G5L090000-273C	20	8290/SOLID		10.000	g
12DE051D5	45	HRHAQ-1-AA	G5L060258-10	20	8290/SOLID		10.000	g
12DE051D5	46	HRHAR-1-AA	G5L060258-11	20	8290/SOLID		10.000	g
12DE051D5	47	HRHAV-1-AA	G5L060258-12	20	8290/SOLID		10.000	g
[illegible]DE051D5	48	HR1VR-1-AC	G5L130000-371C	20	TO9/AIR	16	0.167	SAMP
[illegible]E051D5	49	HR1VR-1-AA	G5L130000-371B	20	TO9/AIR		0.167	SAMP
12DE051D5	50	HQE4X-2-AA	G5K170264-1RX	20	TO9/AIR		0.167	SAMP
12DE051D5	51	HQE46-2-AA	G5K170264-2RX	20	TO9/AIR		0.167	SAMP
12DE051D5	52	HQRTW-1-A8	G5K220334-2	20	8290/LEACHATE	15	1.002	L
12DE051D5	53	HQRX8-1-AK	G5K220334-3	20	8290/LEACHATE		1.004	L

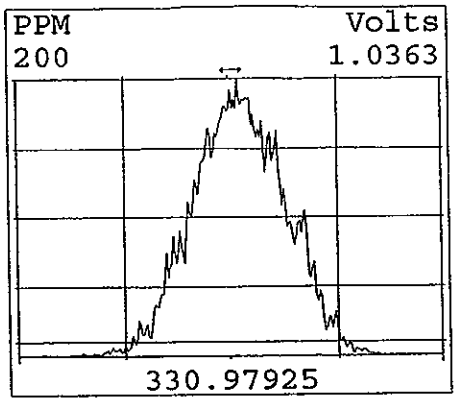
12DE051D5	54	HQRX9-1-AK	G5K220334-4	20	8290/LEACHATE		1.036	L
12DE051D5	55	HQR0A-1-AK	G5K220334-5	20	8290/LEACHATE		0.999	L
12DE051D5	56	HQR0C-1-AK	G5K220334-6	20	8290/LEACHATE		1.015	L
12DE051D5	57	HQR0D-1-AK	G5K220334-7	20	8290/LEACHATE		1.006	L
DE051D5	58	SB1212E	Solvent Blank C-14				1.000	
12DE051D5	59	CP1212C	DB-5 CPSM 2565-47				1.000	
12DE051D5	60	ST1212D	CS3 2565-41C				1.000	
12DE051D5	61	SB1212F	Solvent Blank C-14				1.000	
12DE051D5	62	HRXEN-1-AA	G5L120000-303B	20	8290/LEACHATE	15	1.000	L
12DE051D5	63	HRXEN-1-AC	G5L120000-303C	20	8290/LEACHATE		1.000	L
12DE051D5	64	HRXEN-1-AD	G5L120000-303L	20	8290/LEACHATE		1.000	L
12DE051D5	65	HQR0G-1-AK	G5K220334-9	20	8290/LEACHATE		0.988	L
12DE051D5	66	HQR0H-1-AK	G5K220334-10	20	8290/LEACHATE		0.999	L
12DE051D5	67	HQR0K-1-AK	G5K220334-11	20	8290/LEACHATE		1.005	L
12DE051D5	68	HQR0L-1-AK	G5K220334-12	20	8290/LEACHATE		1.015	L
12DE051D5	69	HQR0N-1-AK	G5K220334-14	20	8290/LEACHATE		0.904	L
12DE051D5	70	HQR0P-1-AK	G5K220334-15	20	8290/LEACHATE		1.004	L
12DE051D5	71	HQR0Q-1-AK	G5K220334-16	20	8290/LEACHATE		0.974	L
12DE051D5	72	HQR0R-1-AK	G5K220334-17	20	8290/LEACHATE		0.992	L
12DE051D5	73	HQR0T-1-AK	G5K220334-18	20	8290/LEACHATE		0.964	L
12DE051D5	74	HQR0V-1-AK	G5K220334-19	20	8290/LEACHATE	16	1.019	L
12DE051D5	75	HP31F-1-AC	G5K120175-3 RI	20	1613B/SOLID		10.000	g
12DE051D5	76	HP31E-1-AC	(20x)G5K120175-2	20	1613B/SOLID		10.000	g
12DE051D5	77	SB1212G	Solvent Blank C-14				1.000	
12DE051D5	78	ST1212E	CS3 2565-41C				1.000	
12DE051D5	79						1.000	
12DE051D5	80						1.000	
12DE051D5	81						1.000	
12DE051D5	82		MG 12/12/05				1.000	

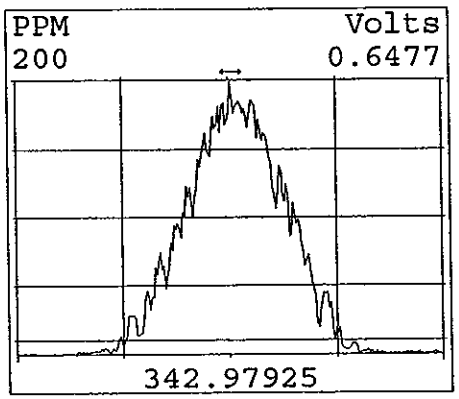
Peak Locate Examination: 9-DEC-2005:08:39 File:09DE051D5
Experiment:DIOXIN Function:1 Reference:PFK

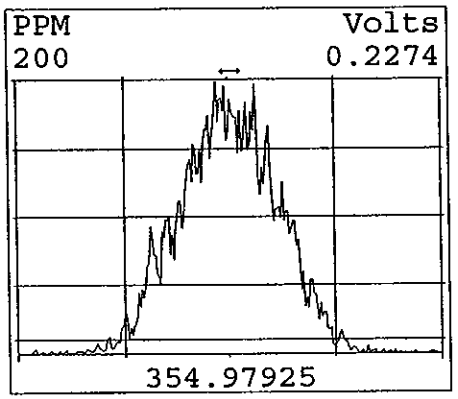


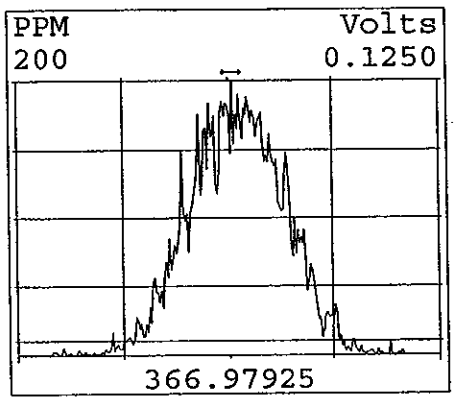


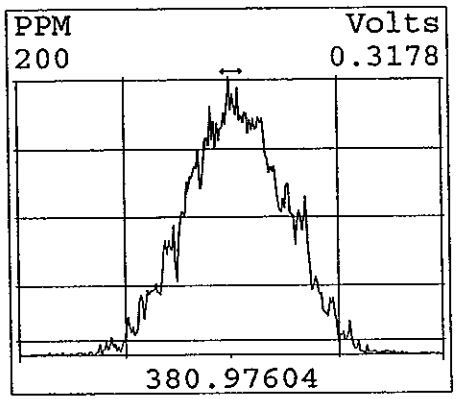


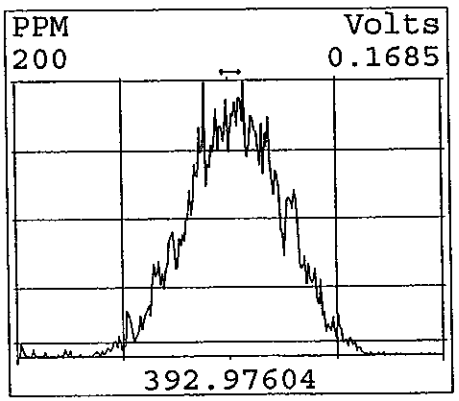


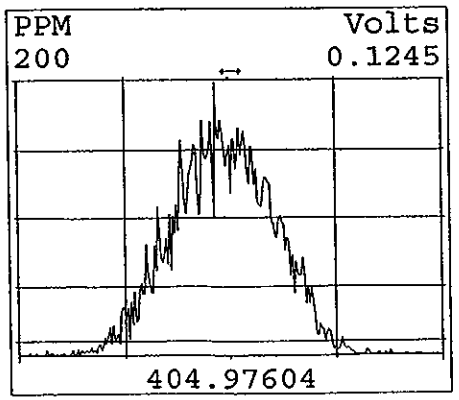


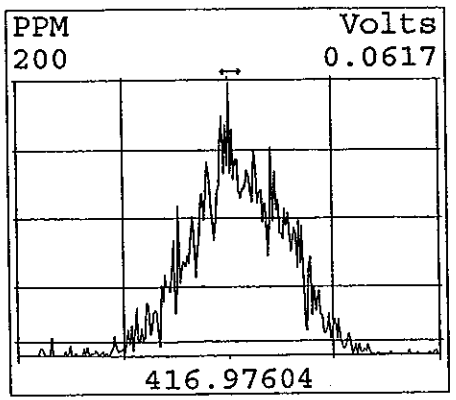




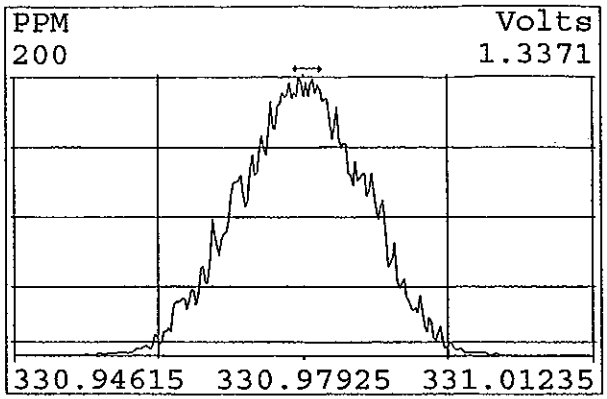


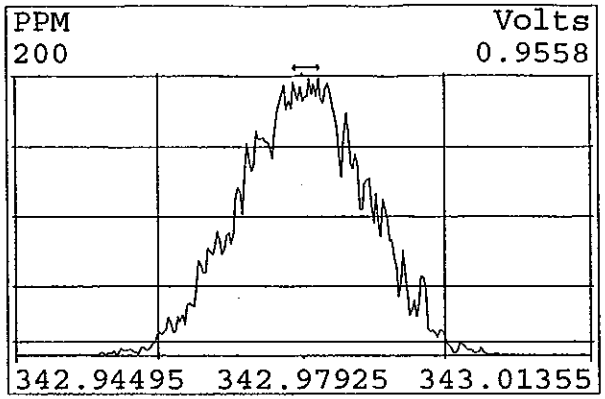


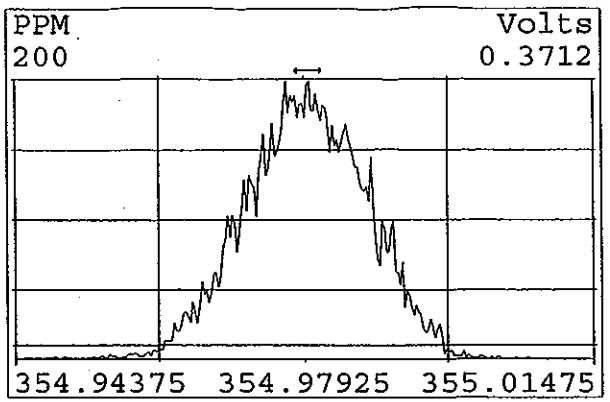


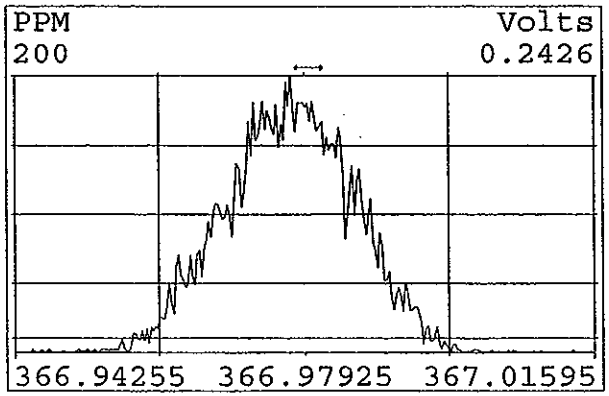


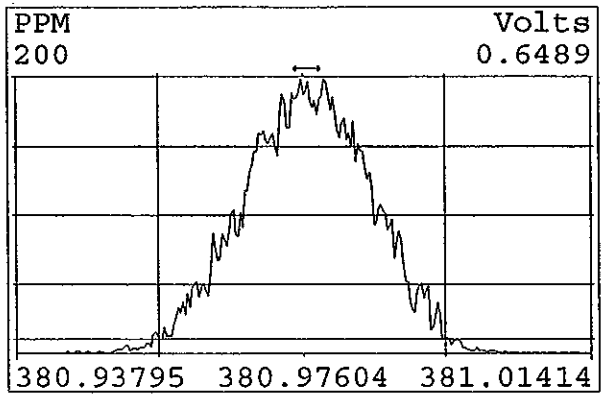
Peak Locate Examination: 9-DEC-2005:08:39 File:09DE051D5
Experiment:DIOXIN Function:2 Reference:PFK

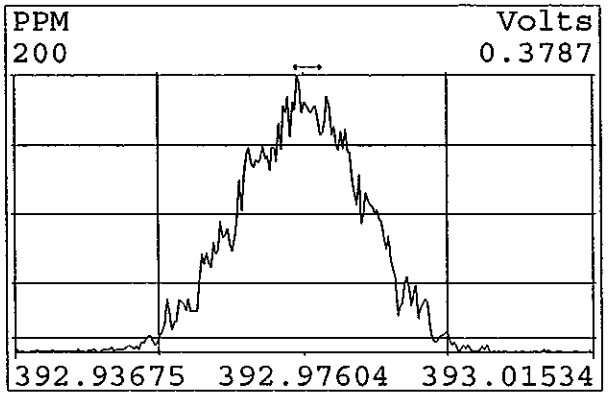


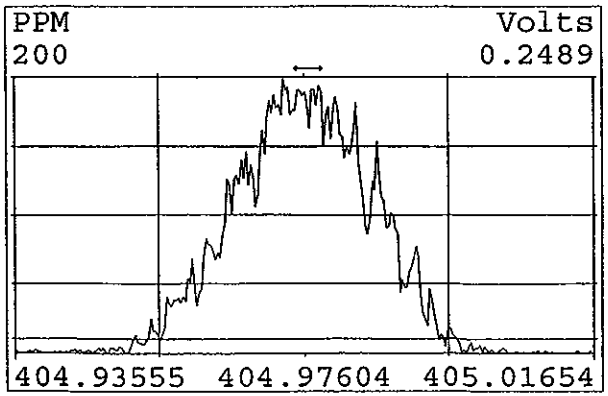


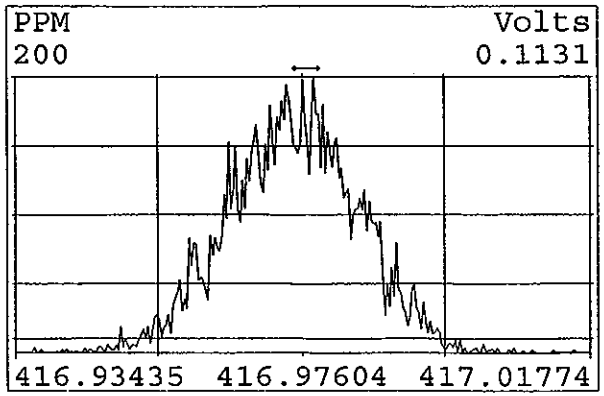




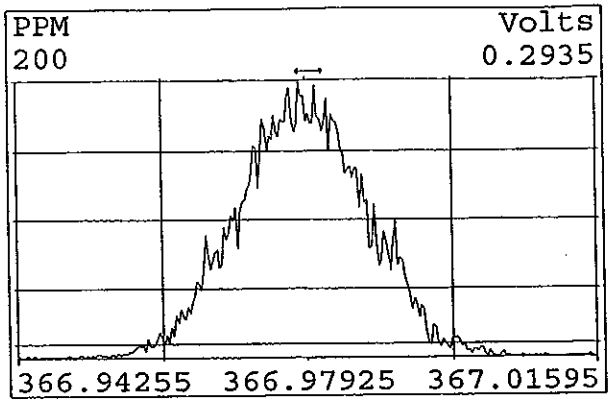


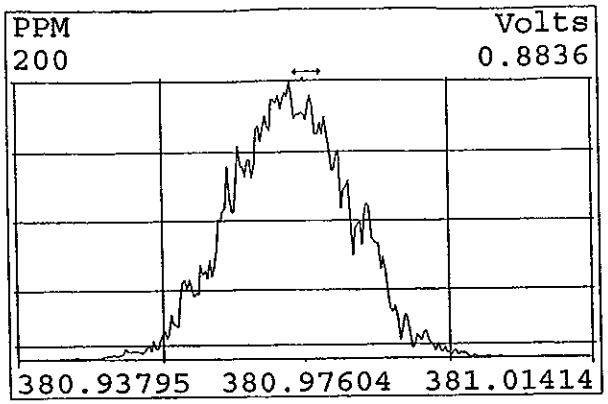


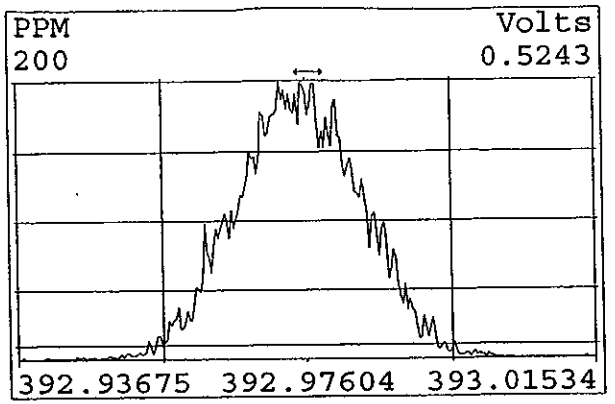


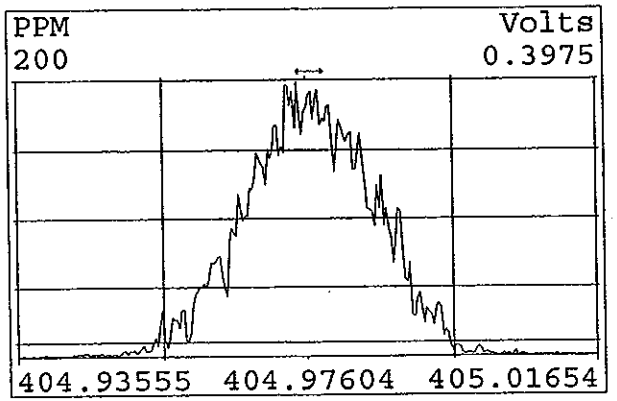


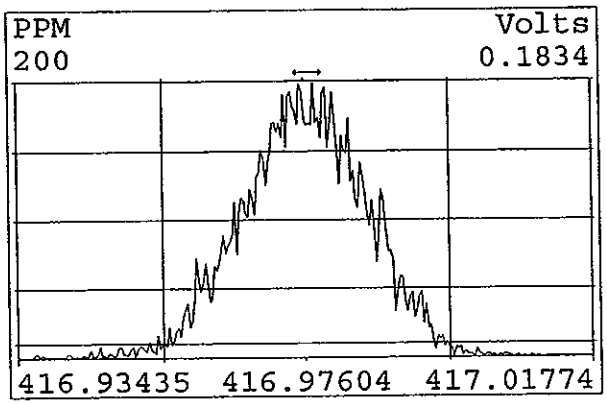
Peak Locate Examination: 9-DEC-2005:08:40 File:09DE051D5
Experiment:DIOXIN Function:3 Reference:PFK

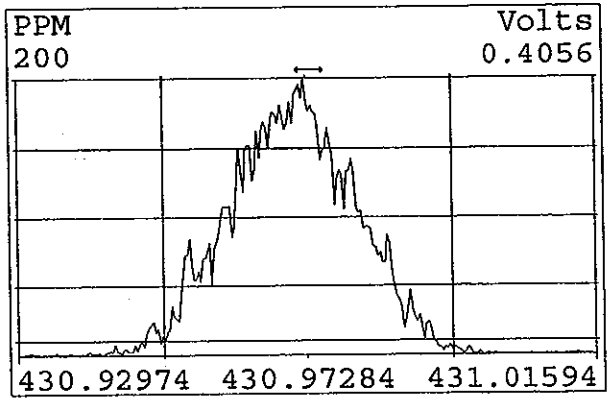


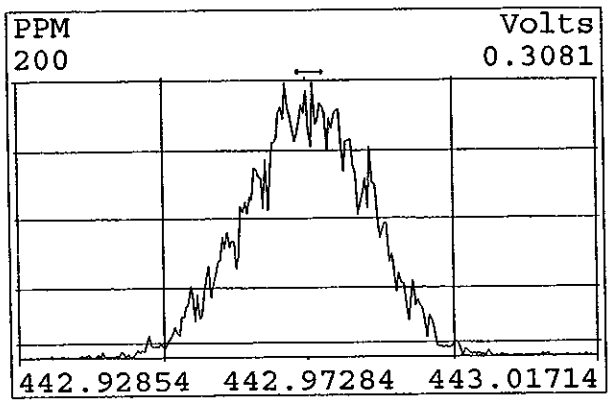


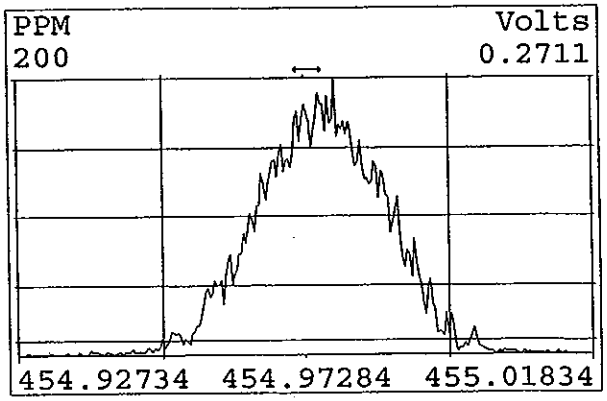




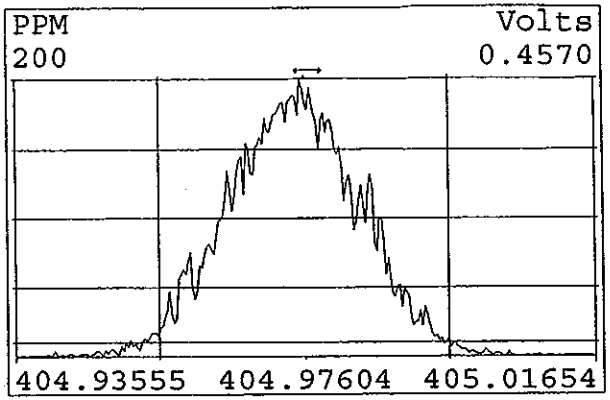


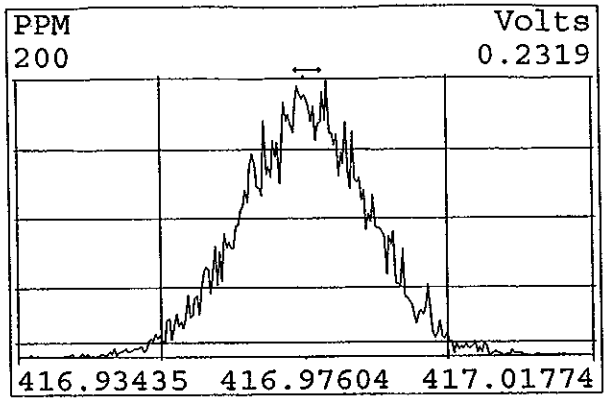


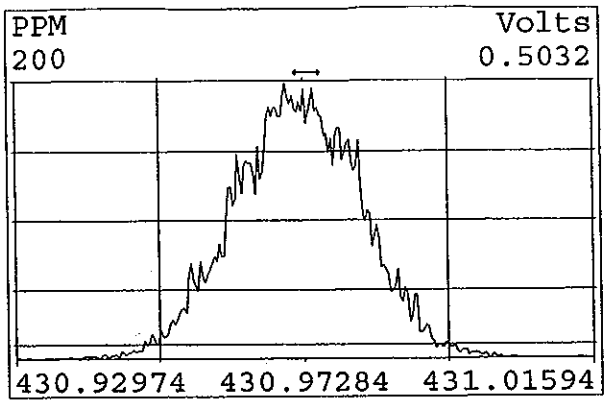


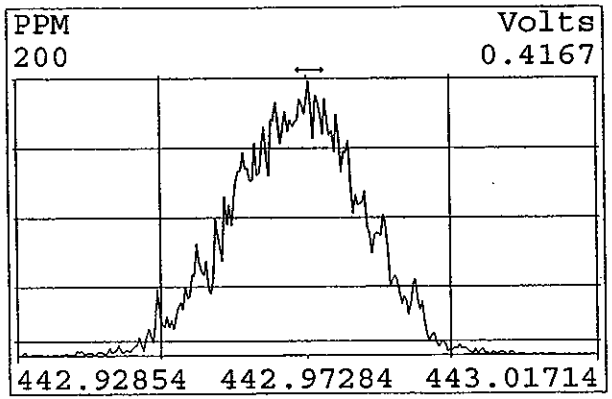


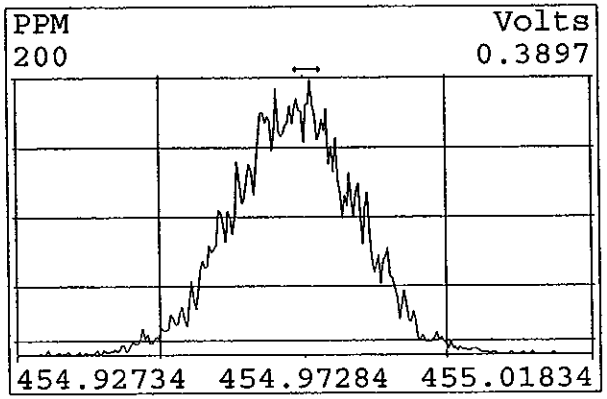
Peak Locate Examination: 9-DEC-2005:08:40 File:09DE051D5
Experiment:DIOXIN Function:4 Reference:PFK

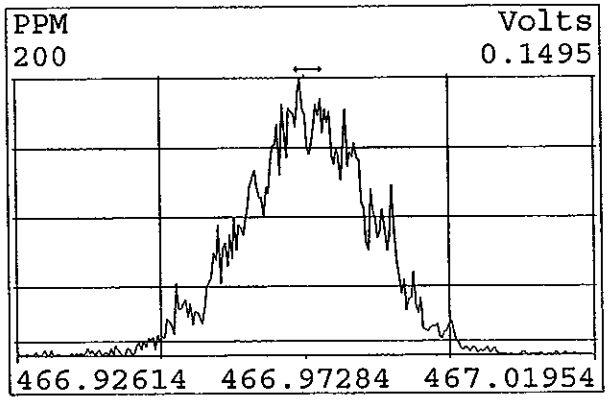


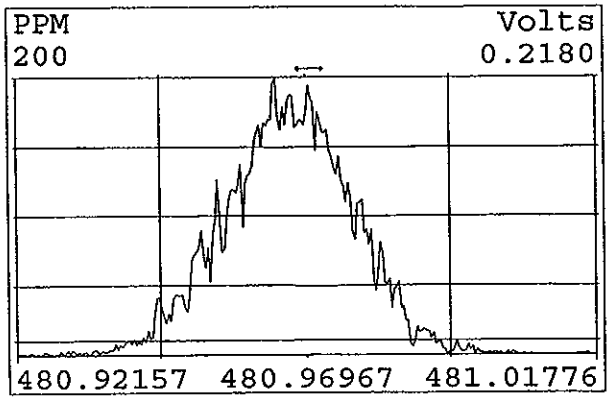




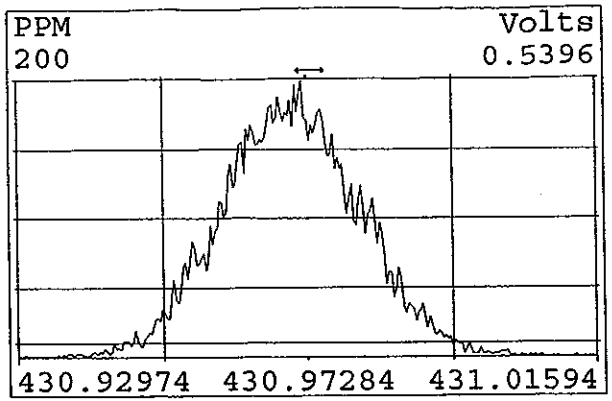


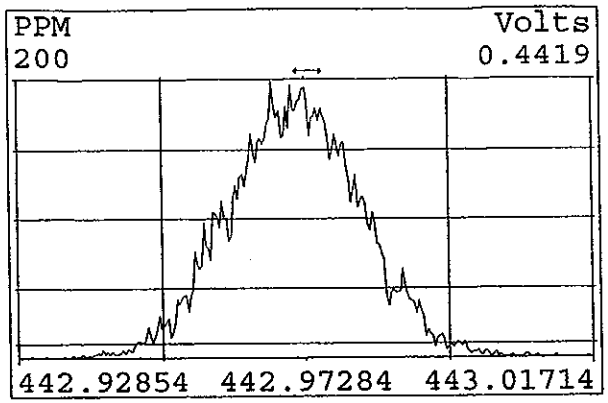


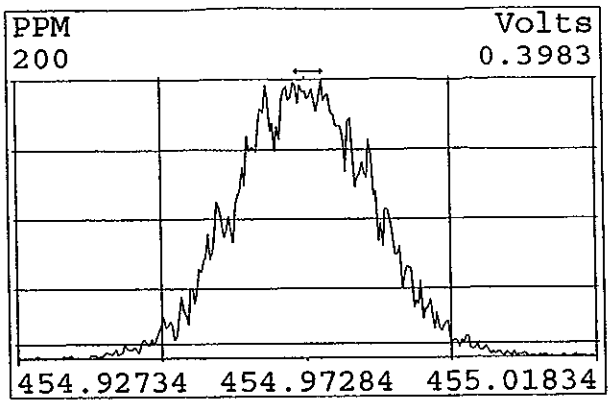


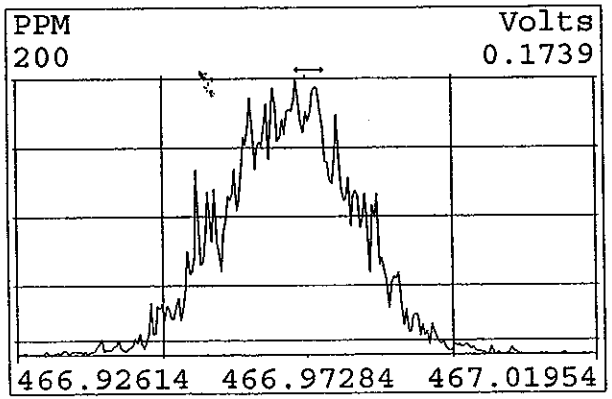


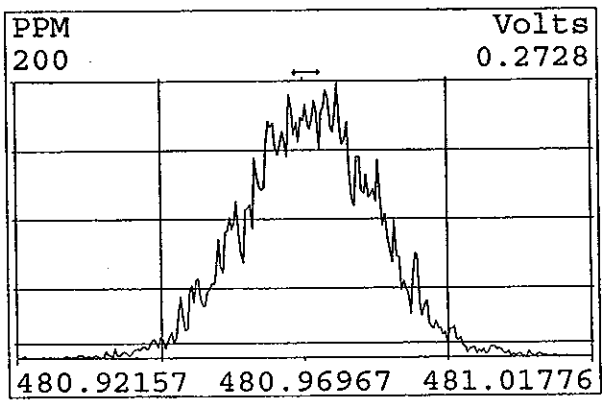
Peak Locate Examination: 9-DEC-2005:08:41 File:09DE051D5
Experiment:DIOXIN Function:5 Reference:PFK

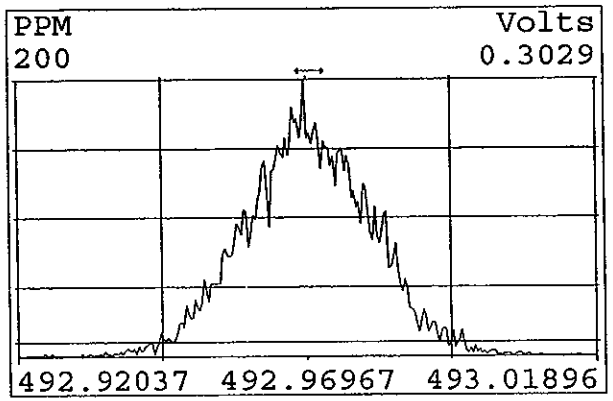


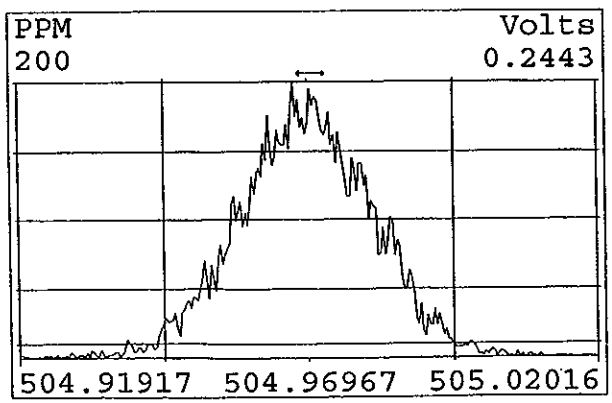


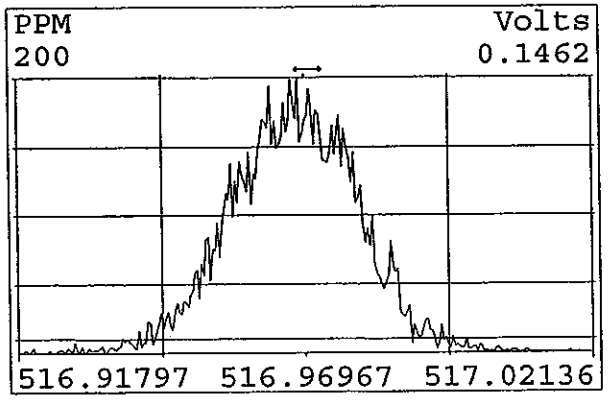




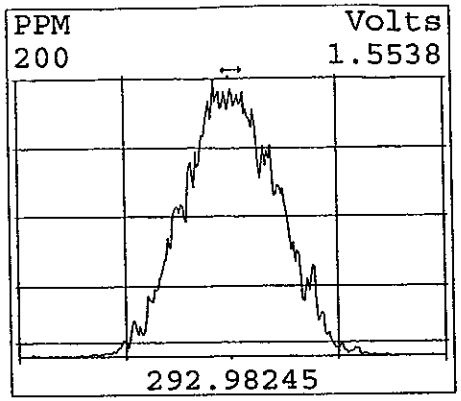


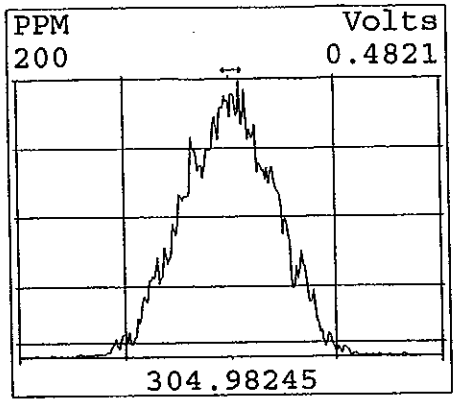


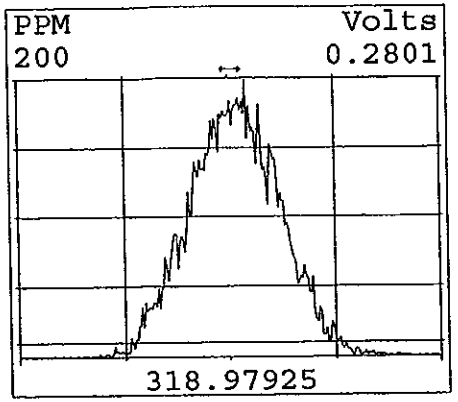


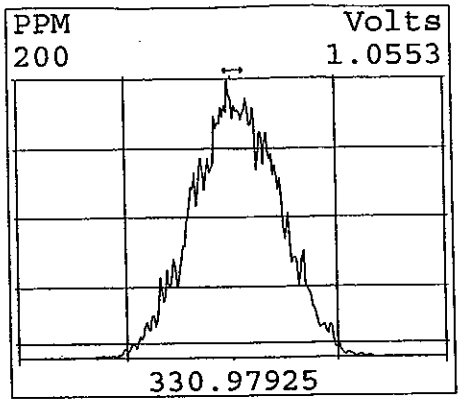


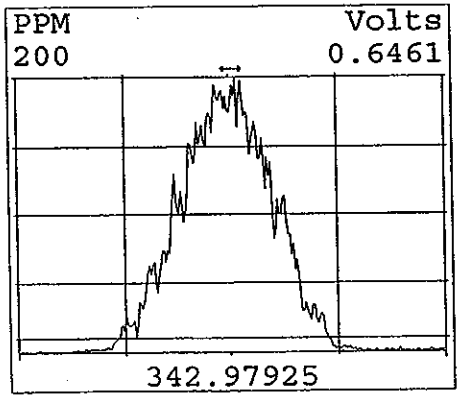
Peak Locate Examination: 9-DEC-2005:19:27 File:RESCHK09DE051D5
Experiment:DIOXIN Function:1 Reference:PFK

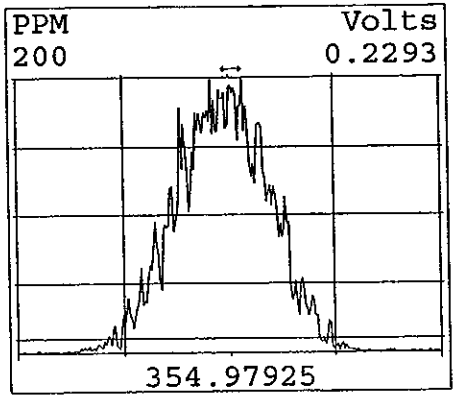


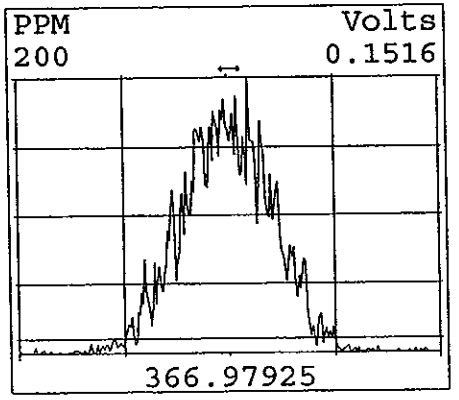


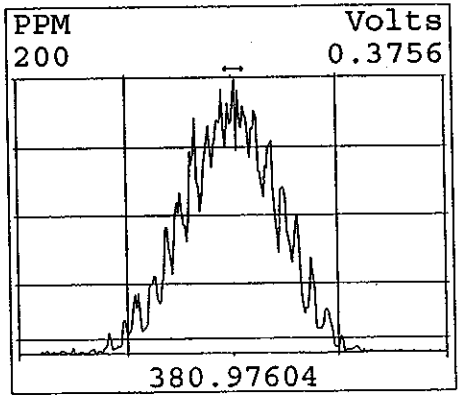


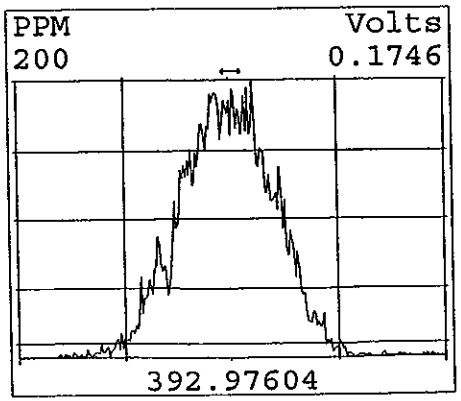


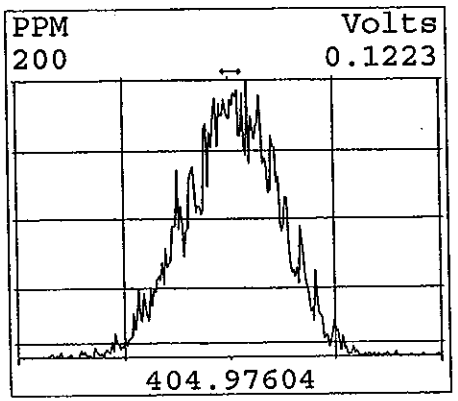


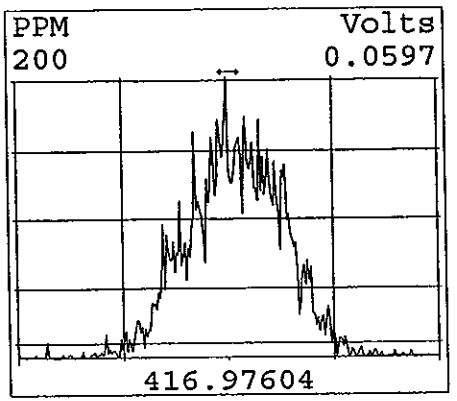




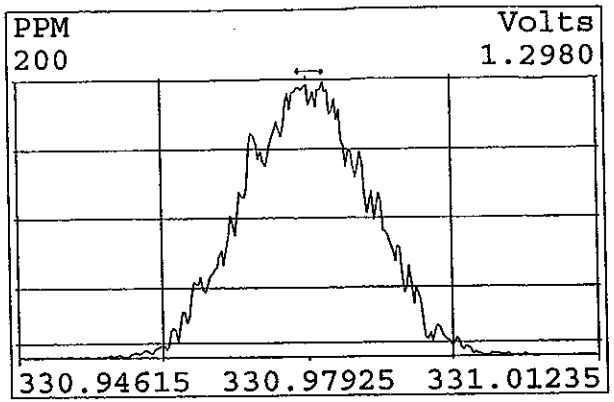


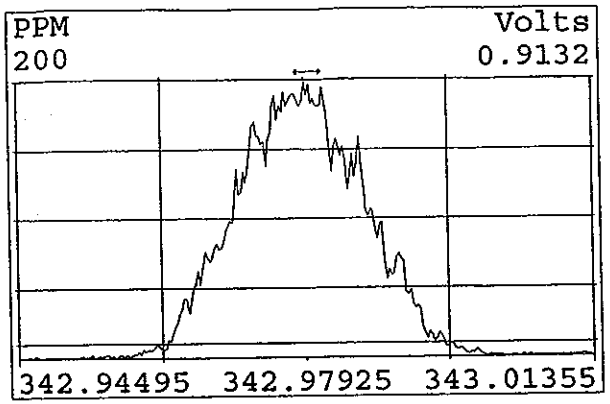


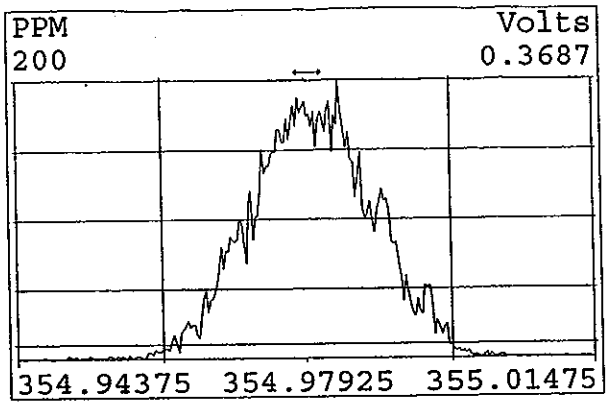


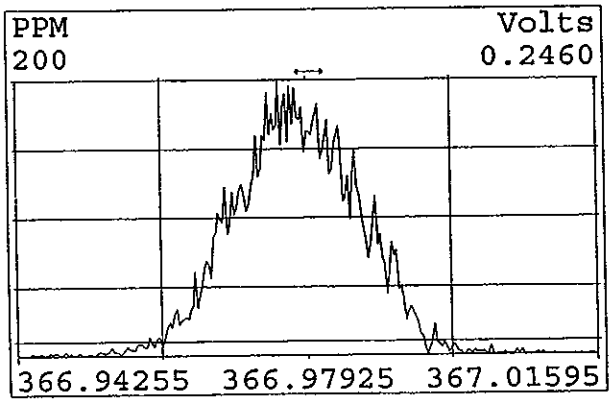


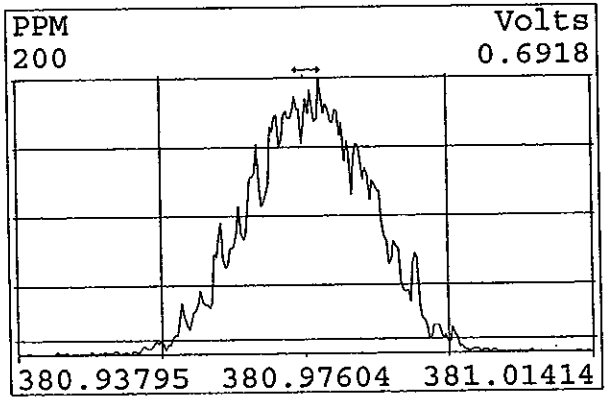
Peak Locate Examination: 9-DEC-2005:19:29 File:RESCHK09DE051D5
Experiment:DIOXIN Function:2 Reference:PFK

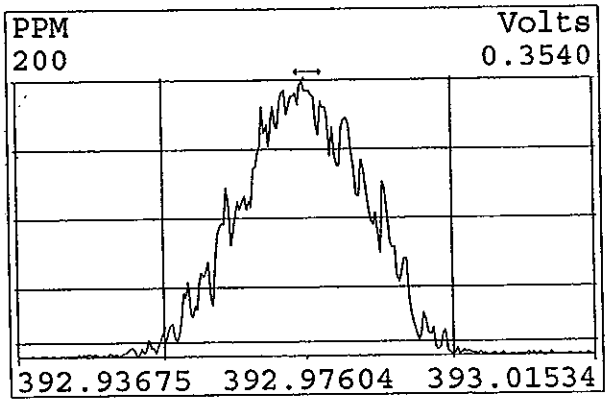


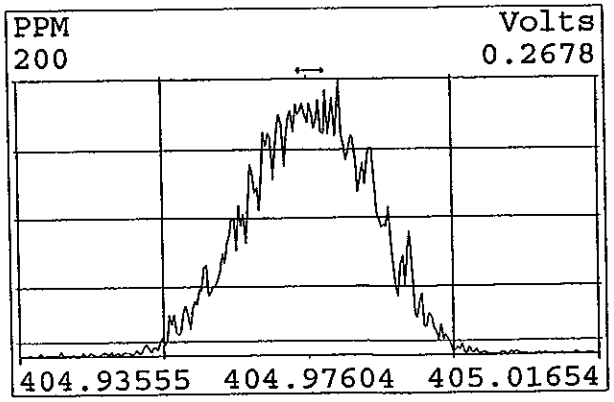


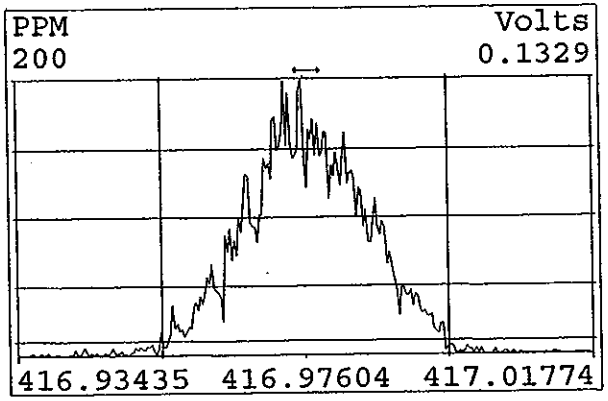




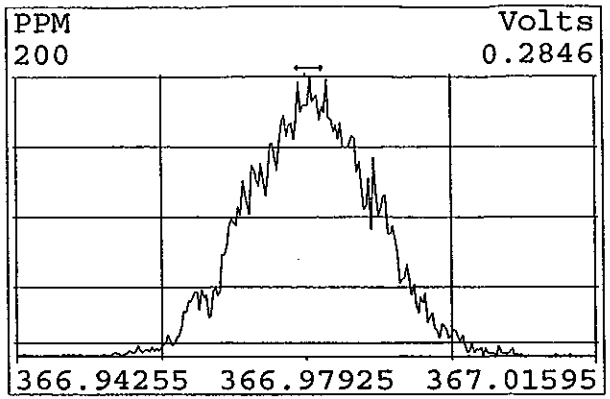


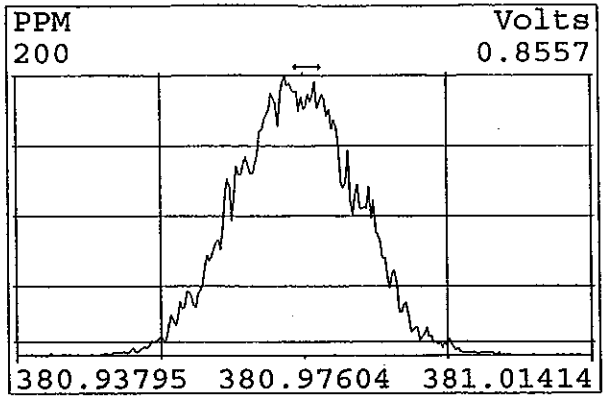


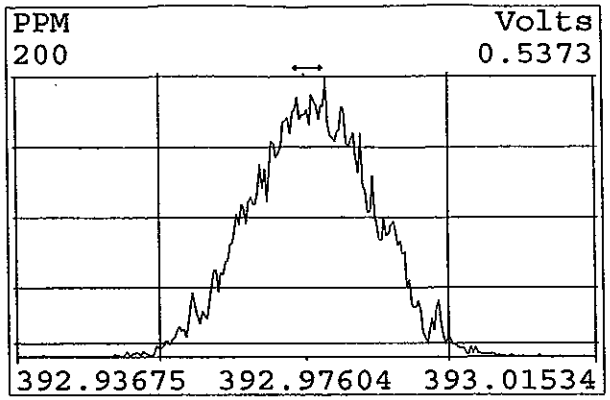


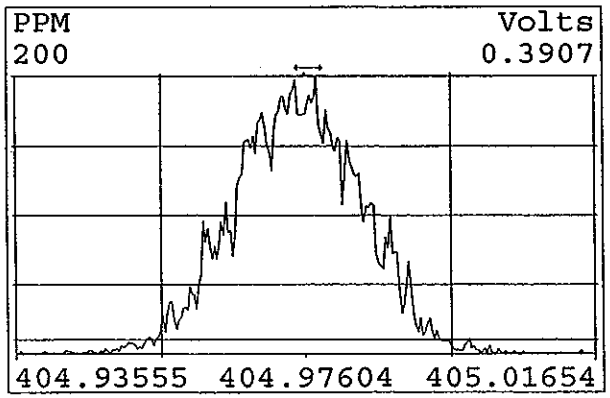


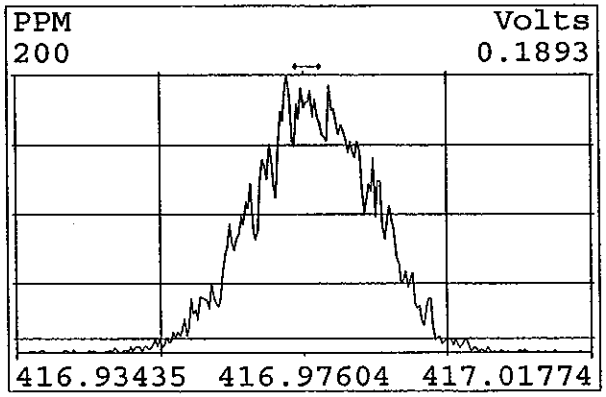
Peak Locate Examination: 9-DEC-2005:19:31 File:RESCHK09DE051D5
Experiment:DIOXIN Function:3 Reference:PFK

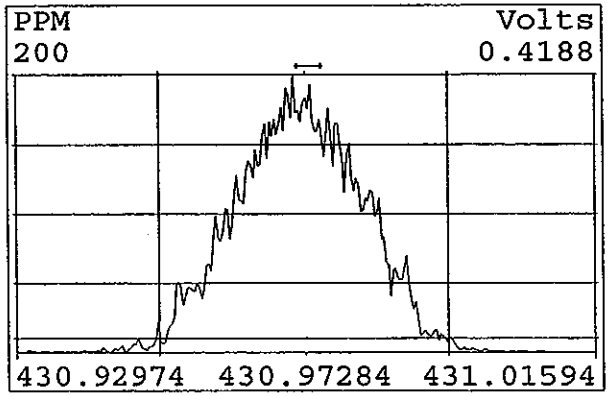


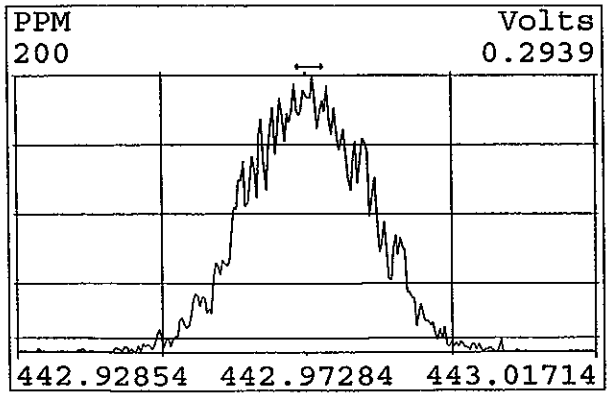


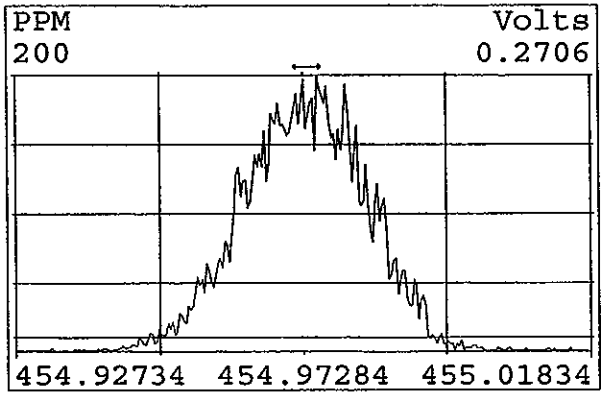




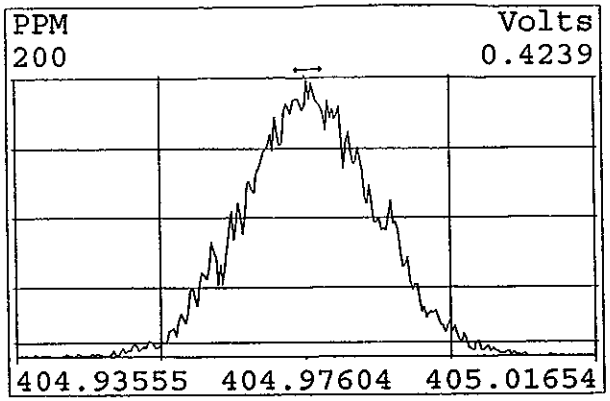


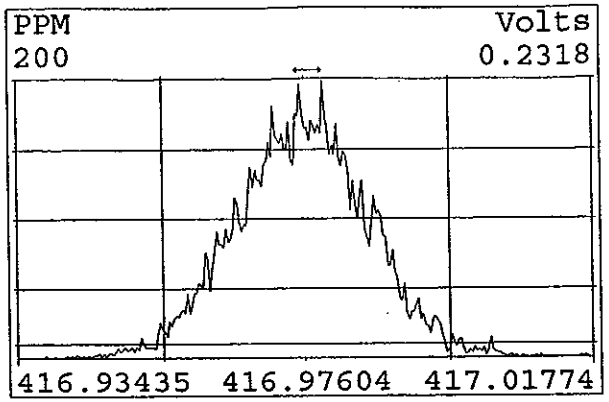


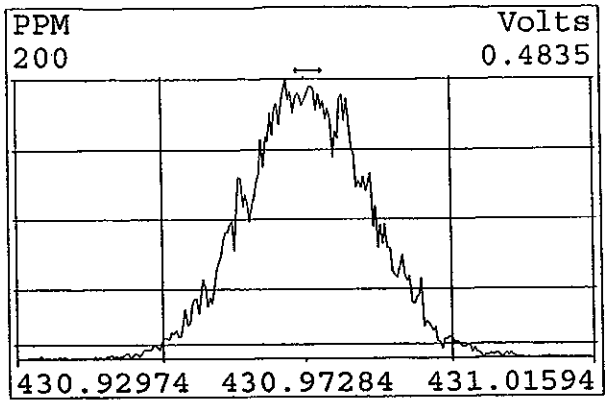


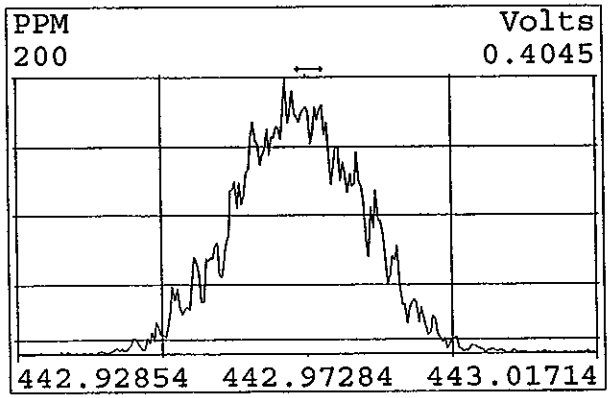


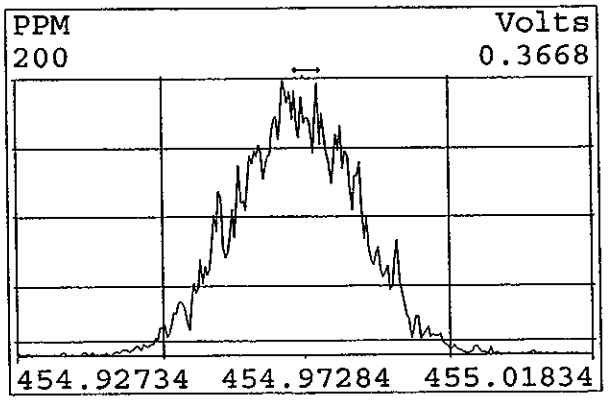
Peak Locate Examination: 9-DEC-2005:19:32 File:RESCHK09DE051D5
Experiment:DIOXIN Function:4 Reference:PFK

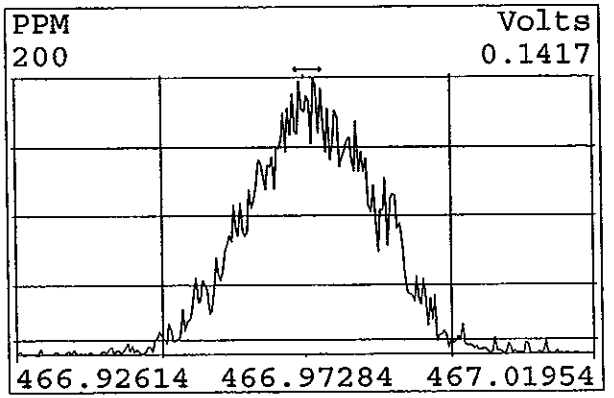


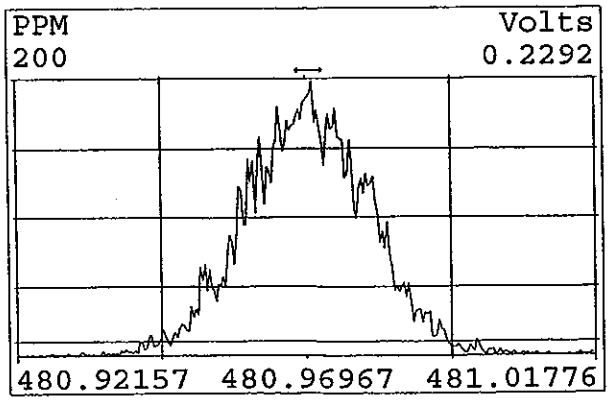




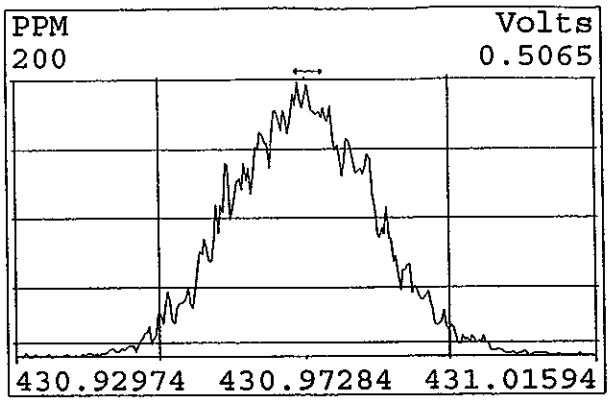


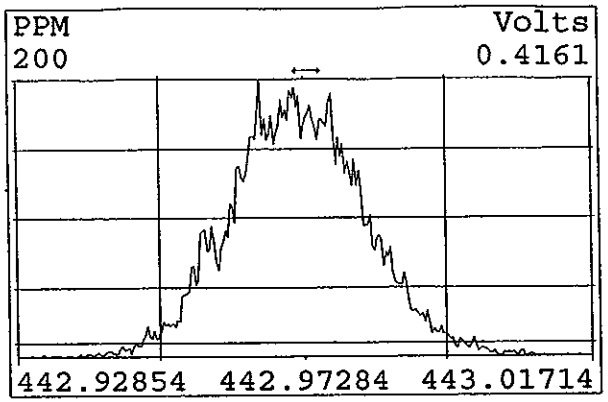


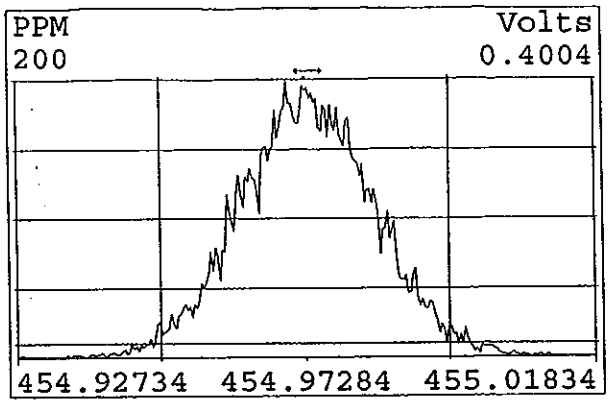


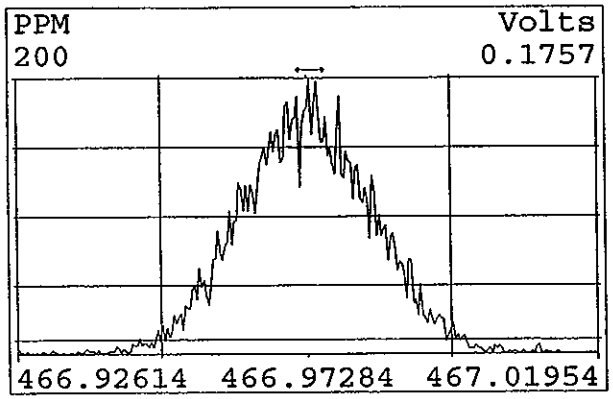


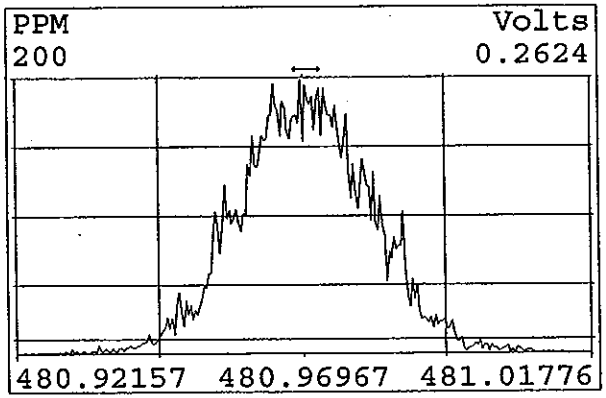
Peak Locate Examination: 9-DEC-2005:19:34 File:RESCHK09DE051D5
Experiment:DIOXIN Function:5 Reference:PFK

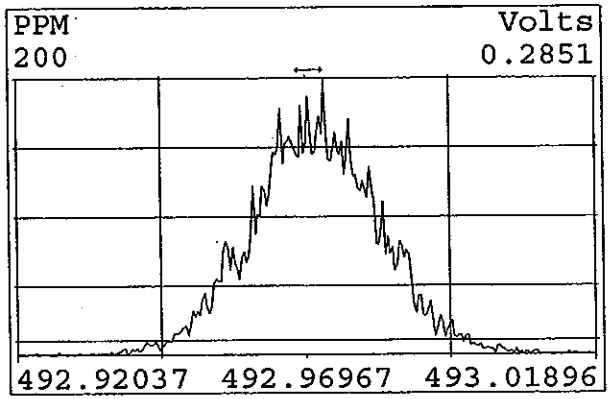


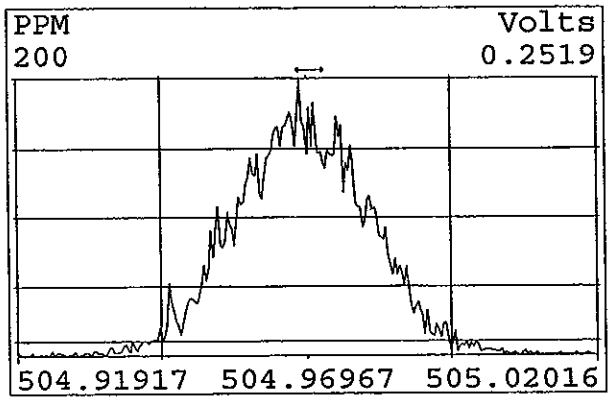


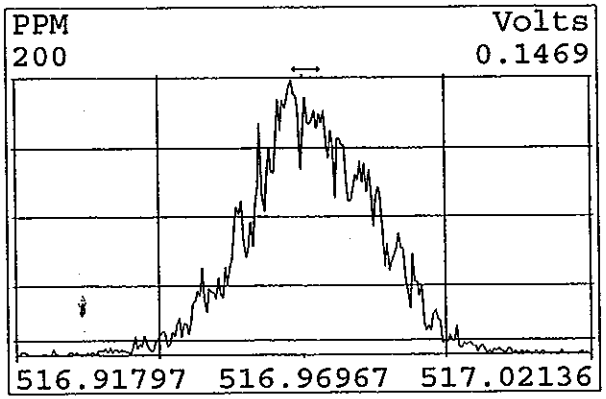




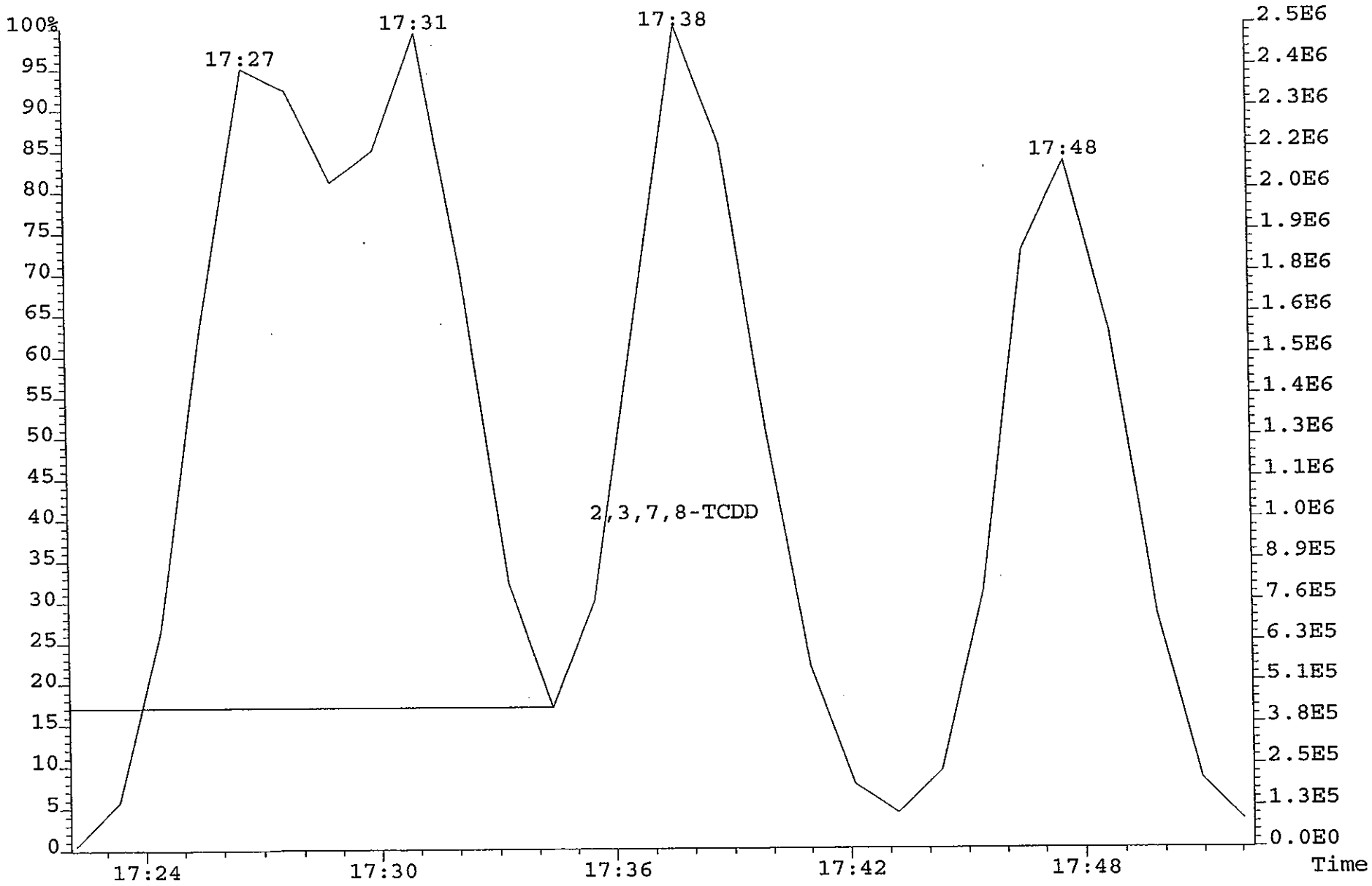




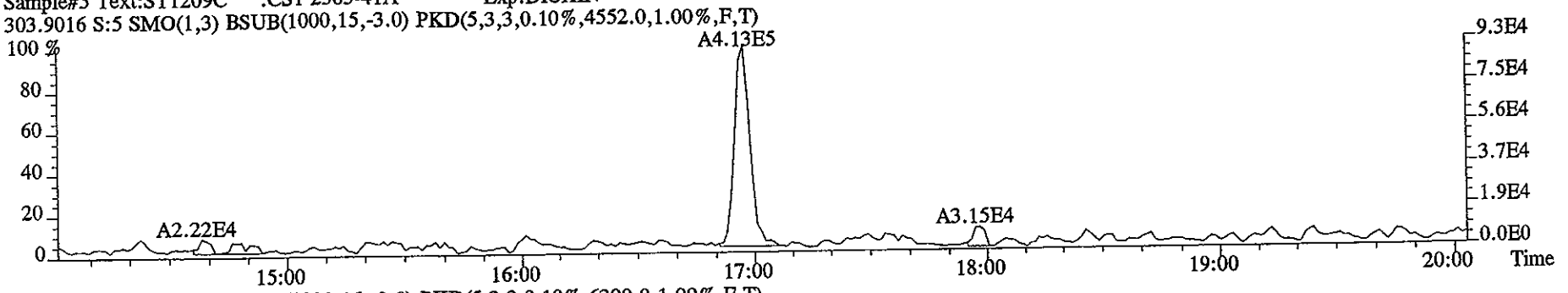


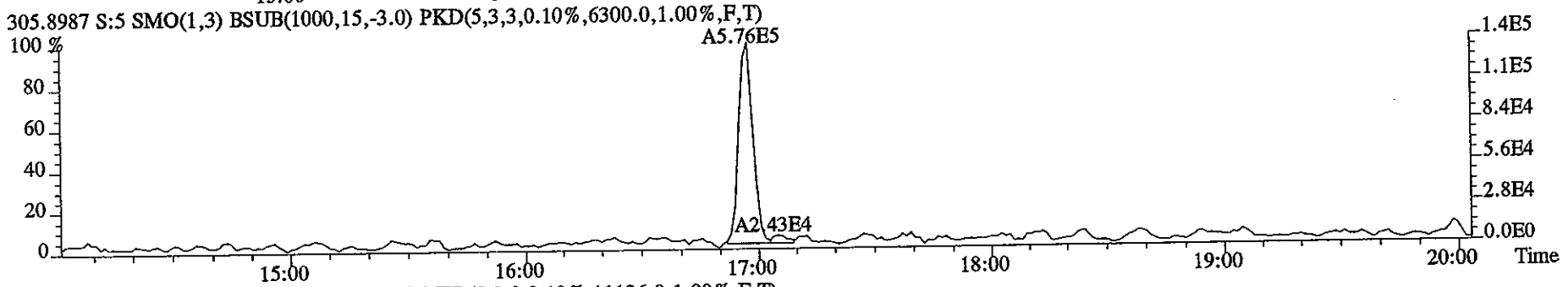


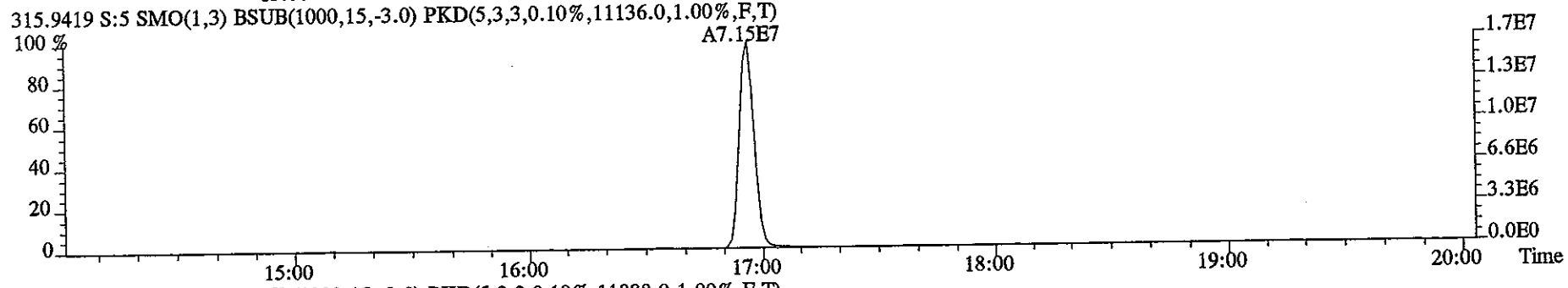
File:09DE051D5 #1-329 Acq: 9-DEC-2005 09:36:19 GC EI+ Voltage SIR 70SE
321.8936 S:2 BSUB(128,15,-3.0) Exp:DIOXIN Noise:1854

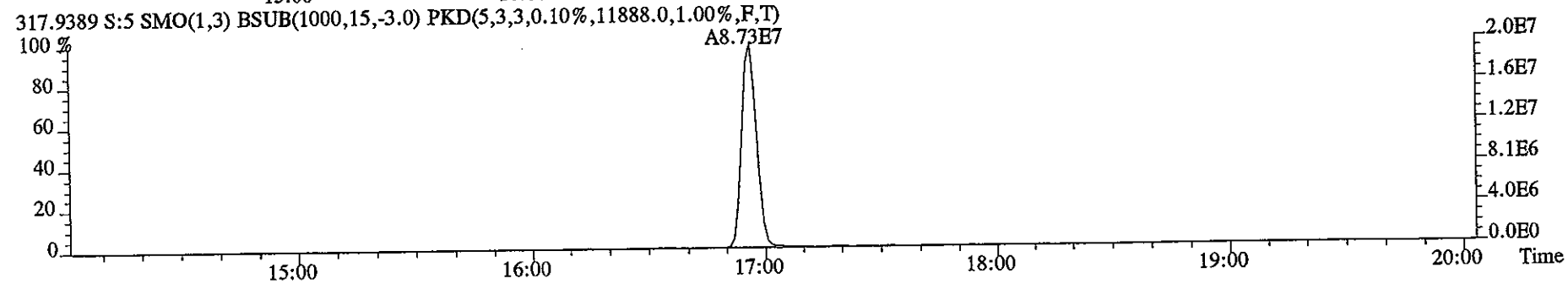


File:09DE051D5 #1-328 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN

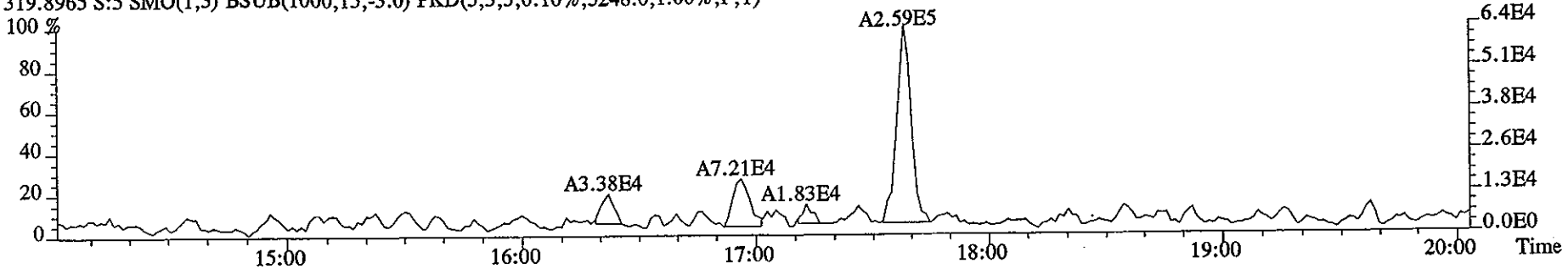




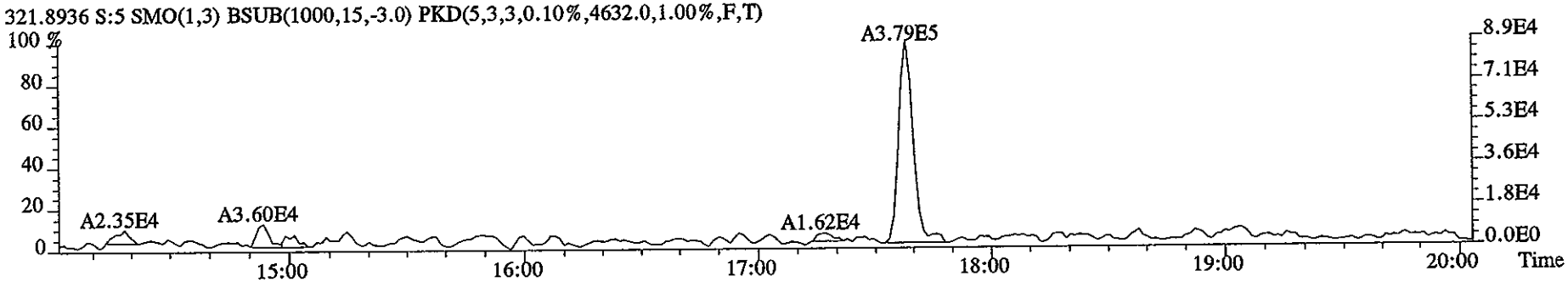




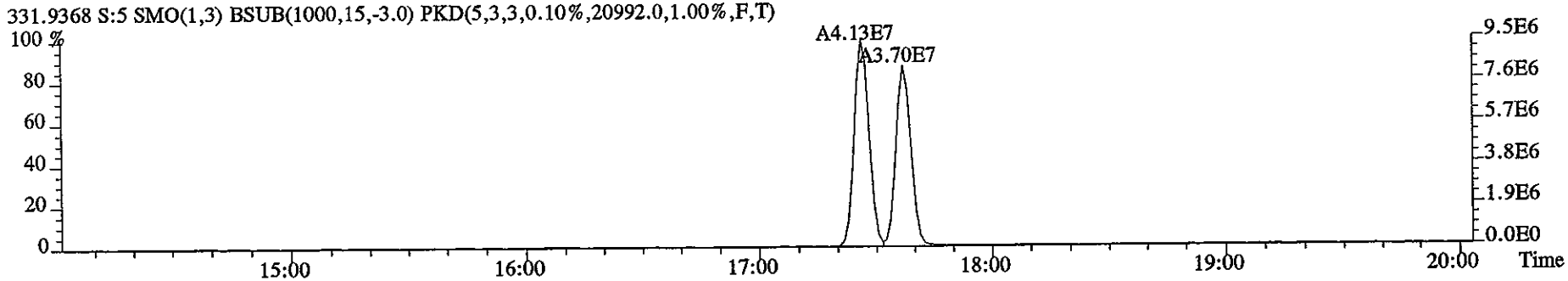
File:09DE051D5 #1-328 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
319.8965 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5248.0,1.00%,F,T)



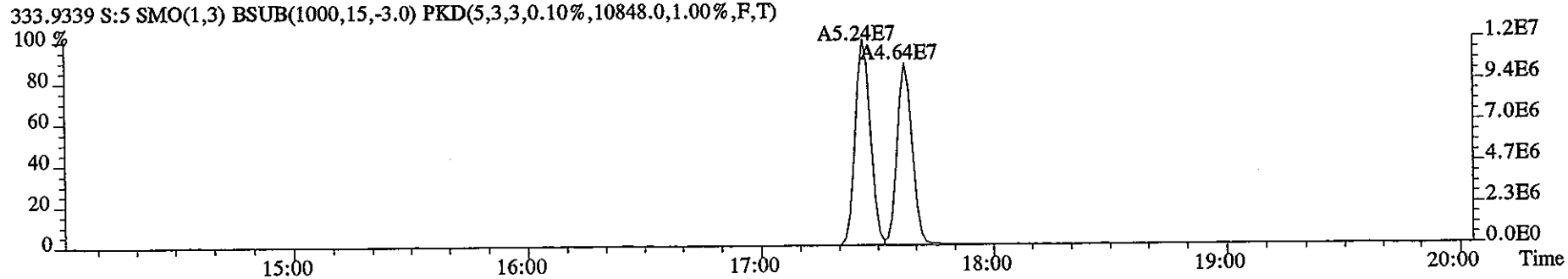
321.8936 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4632.0,1.00%,F,T)



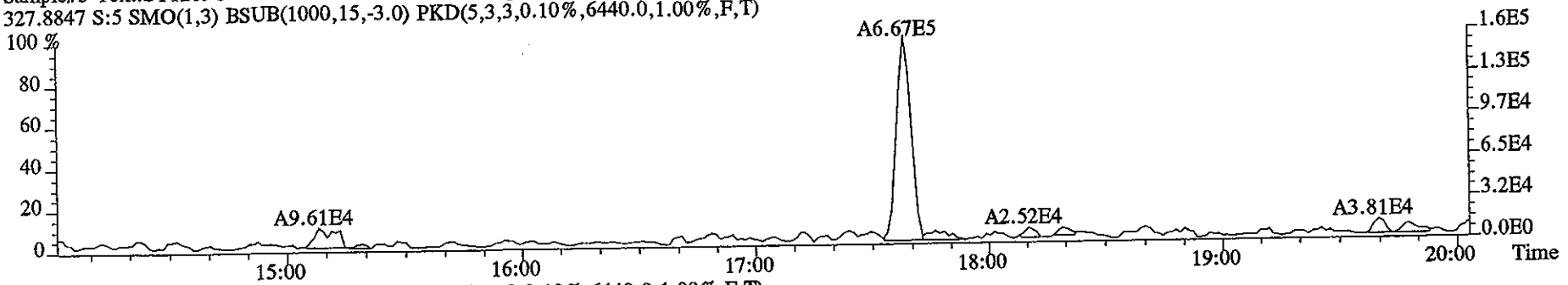
331.9368 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20992.0,1.00%,F,T)



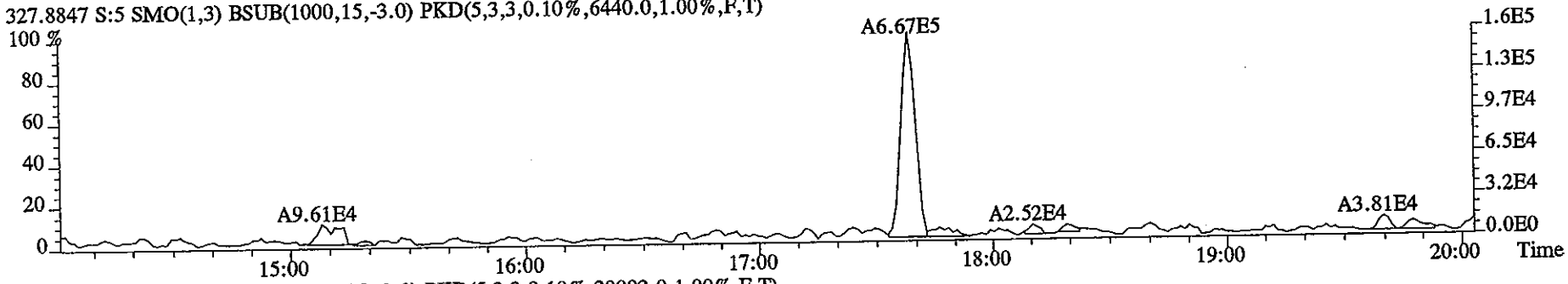
333.9339 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10848.0,1.00%,F,T)



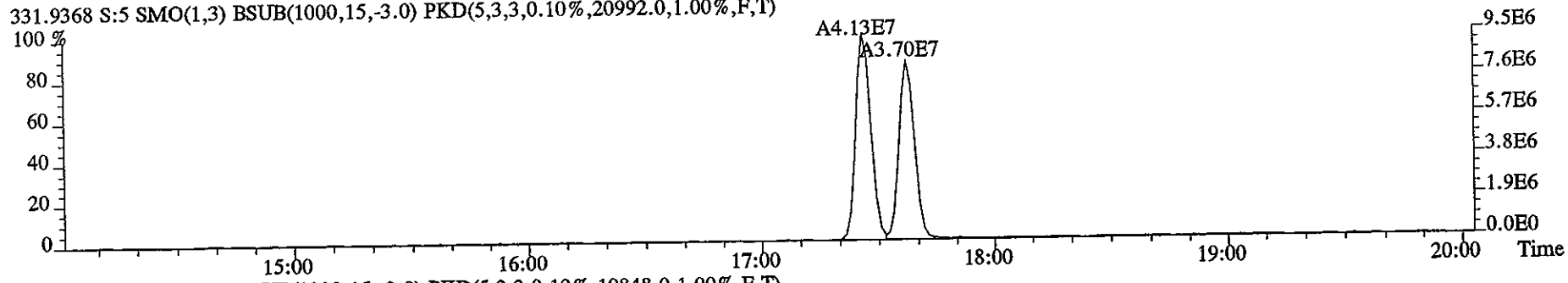
File:09DE051D5 #1-328 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
327.8847 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6440.0,1.00%,F,T)



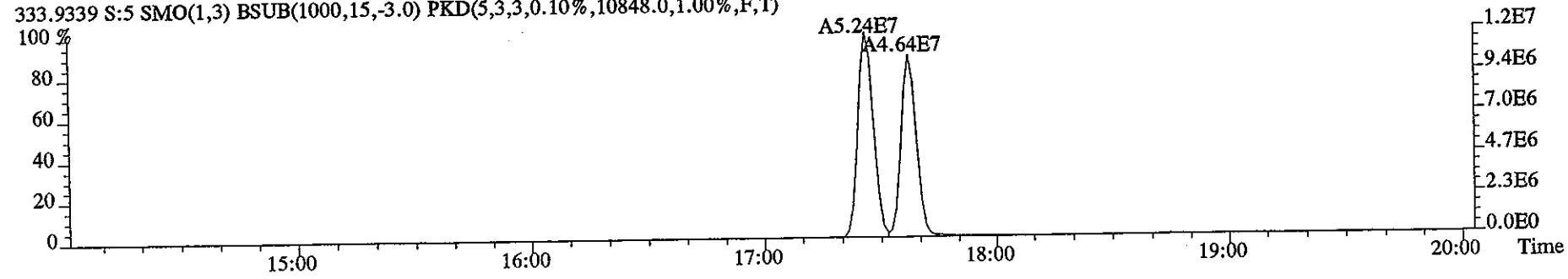
327.8847 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6440.0,1.00%,F,T)



331.9368 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20992.0,1.00%,F,T)

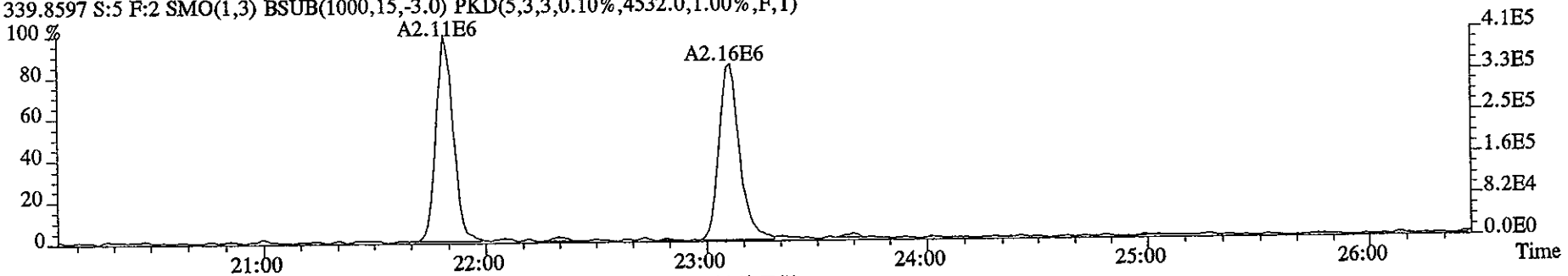


333.9339 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10848.0,1.00%,F,T)

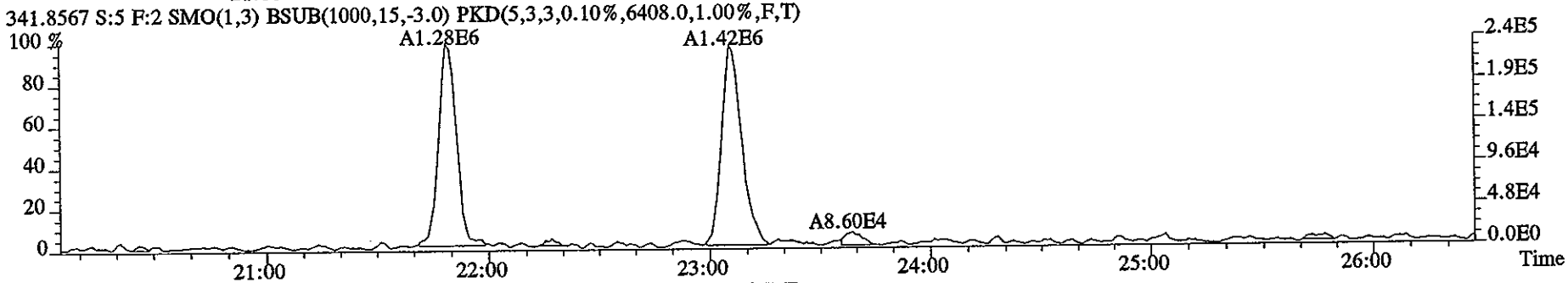


File:09DE051D5 #1-449 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN

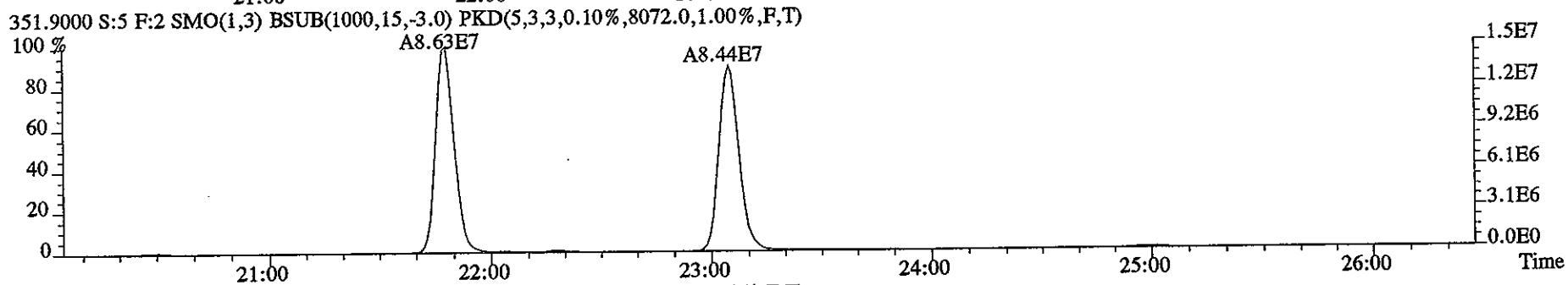
339.8597 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4532.0,1.00%,F,T)



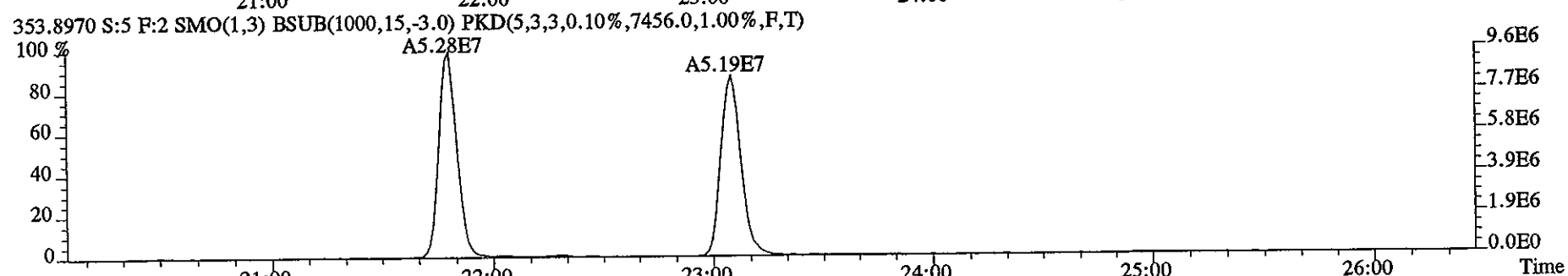
341.8567 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6408.0,1.00%,F,T)



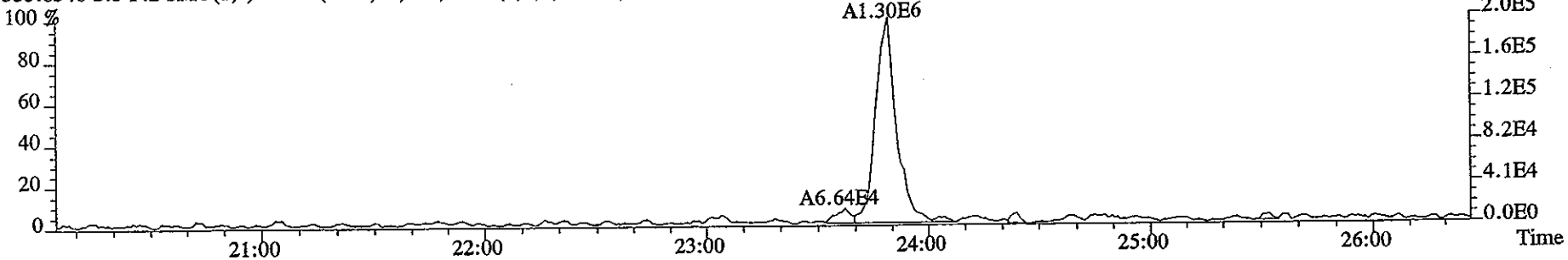
351.9000 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8072.0,1.00%,F,T)



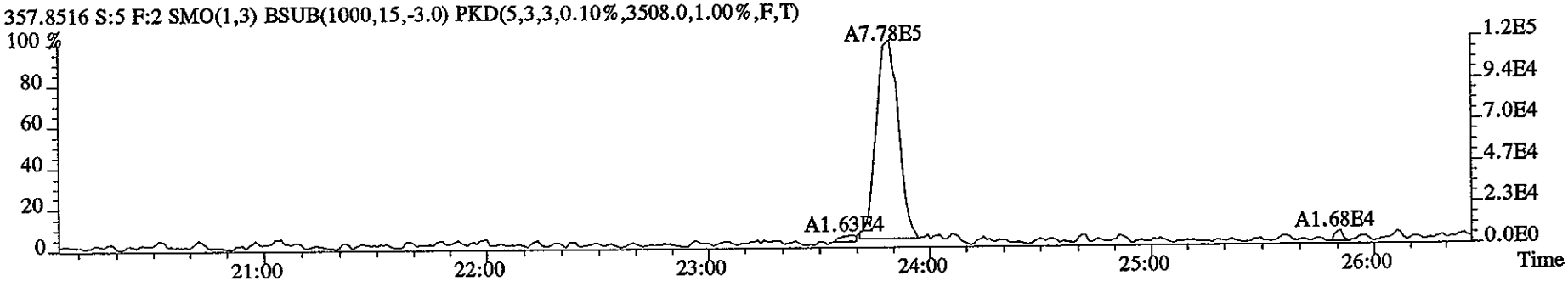
353.8970 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7456.0,1.00%,F,T)



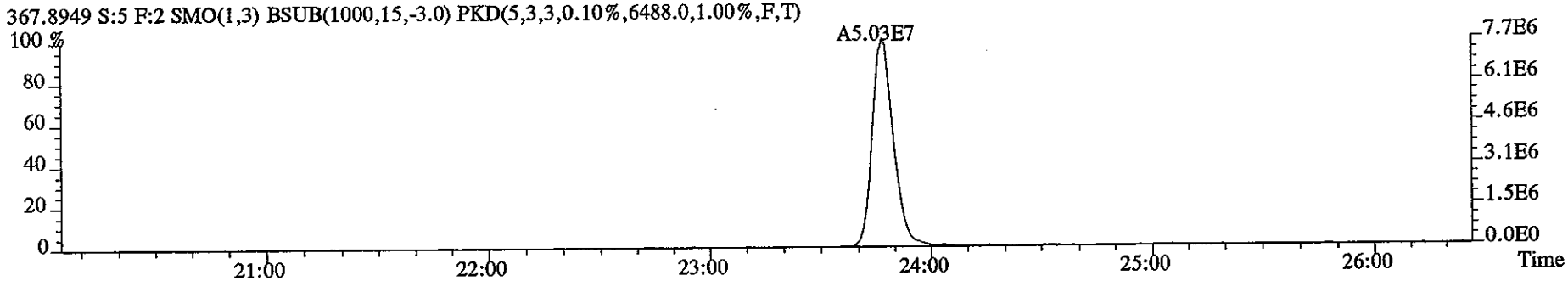
File:09DE051D5 #1-449 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
355.8546 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5064.0,1.00%,F,T)



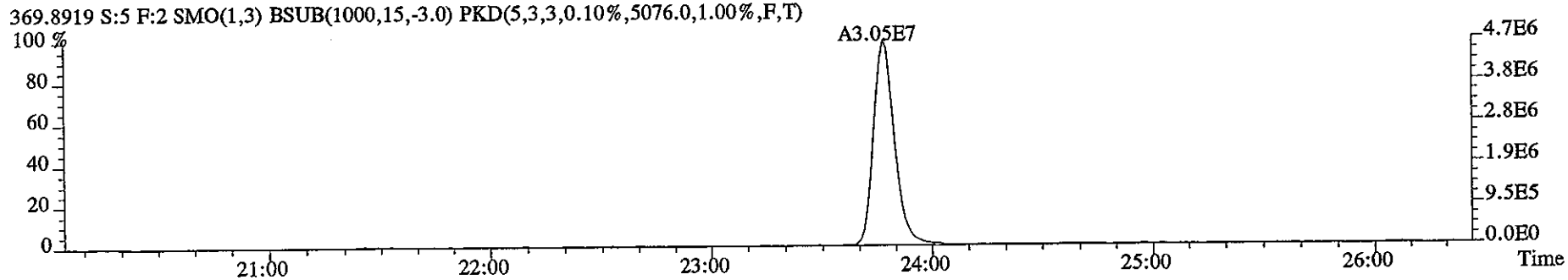
357.8516 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3508.0,1.00%,F,T)



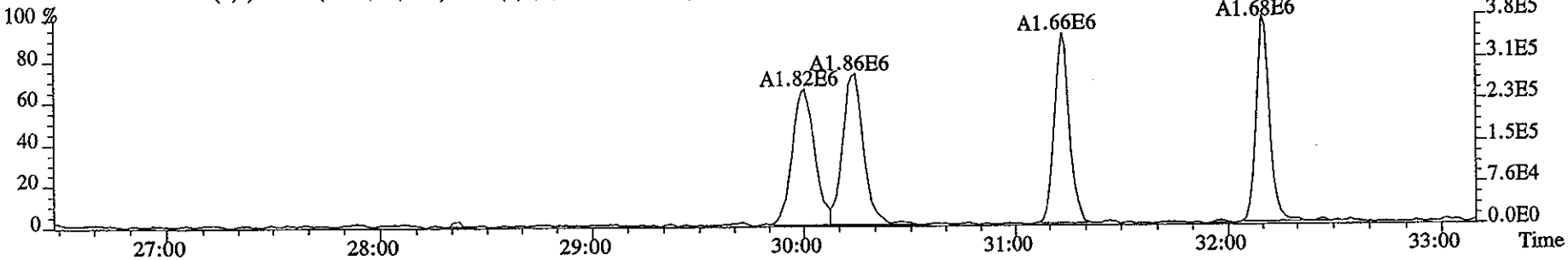
367.8949 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6488.0,1.00%,F,T)



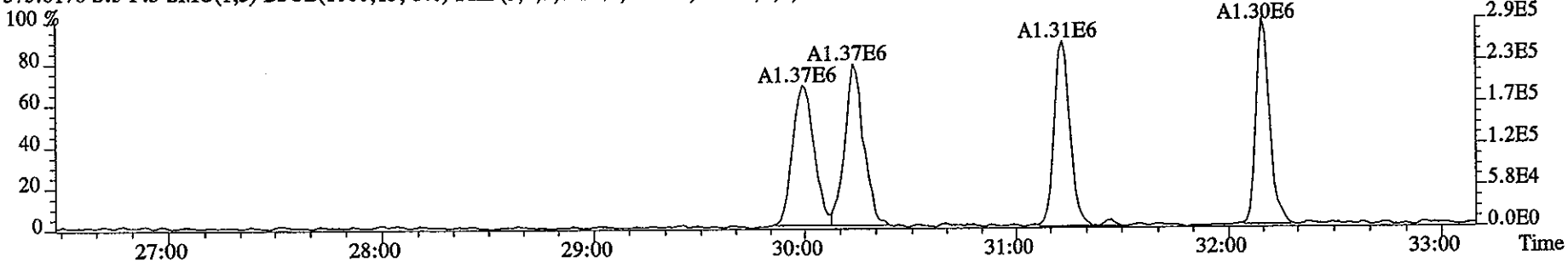
369.8919 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5076.0,1.00%,F,T)



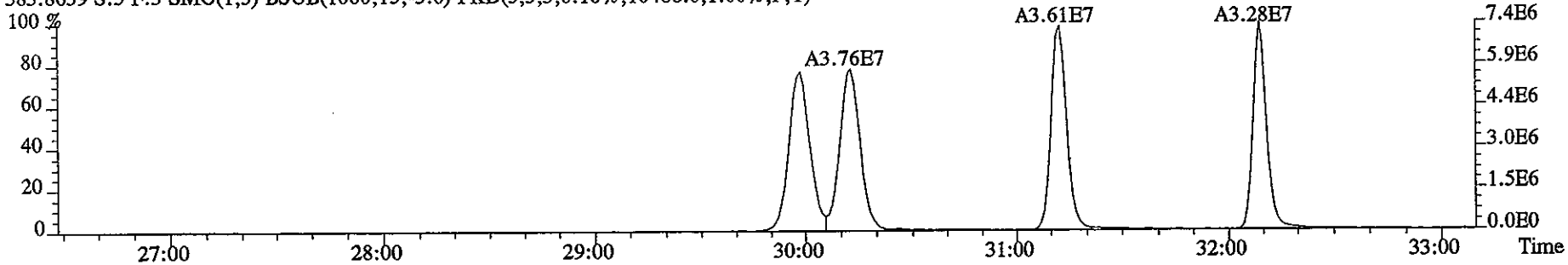
File:09DE051D5 #1-450 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
373.8208 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4524.0,1.00%,F,T)



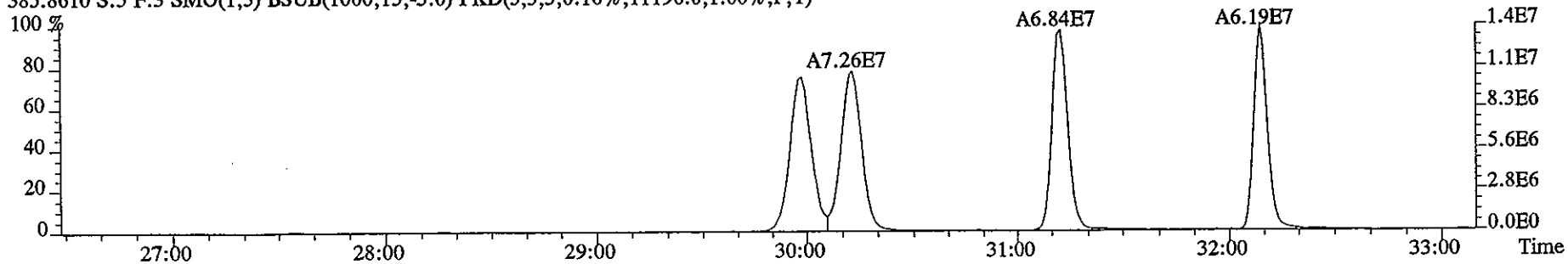
375.8178 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4552.0,1.00%,F,T)



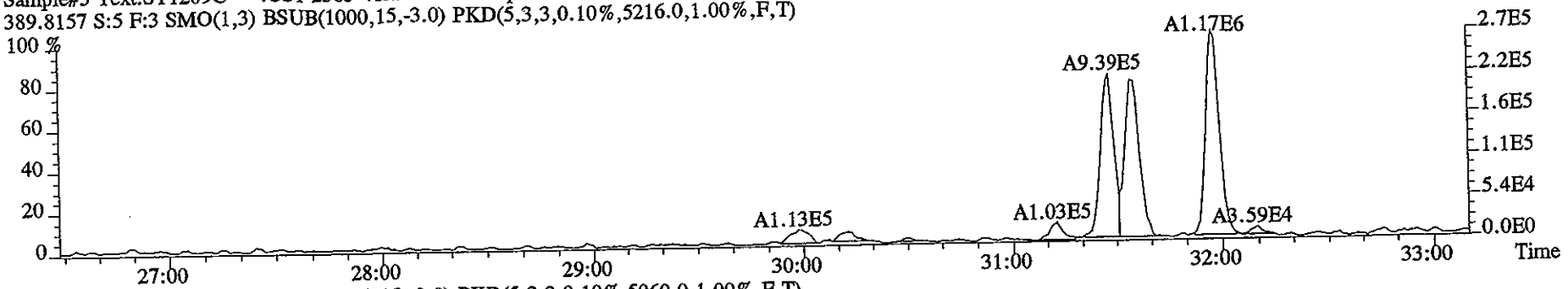
383.8639 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10488.0,1.00%,F,T)



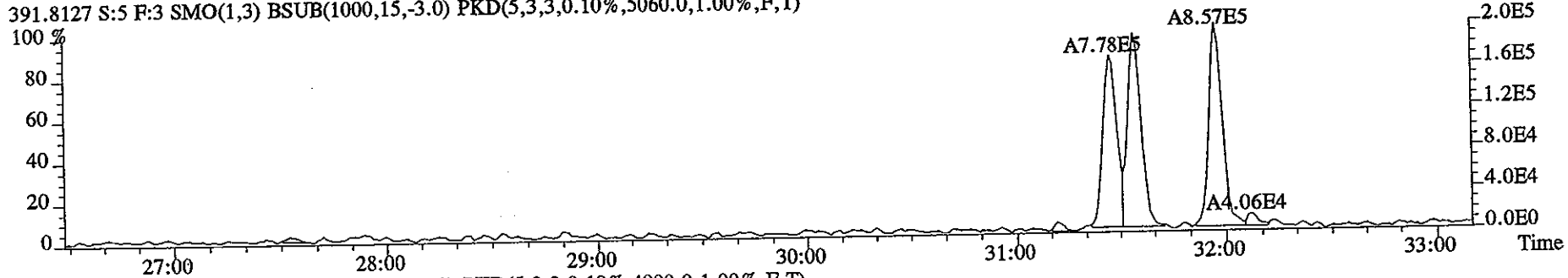
385.8610 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11196.0,1.00%,F,T)



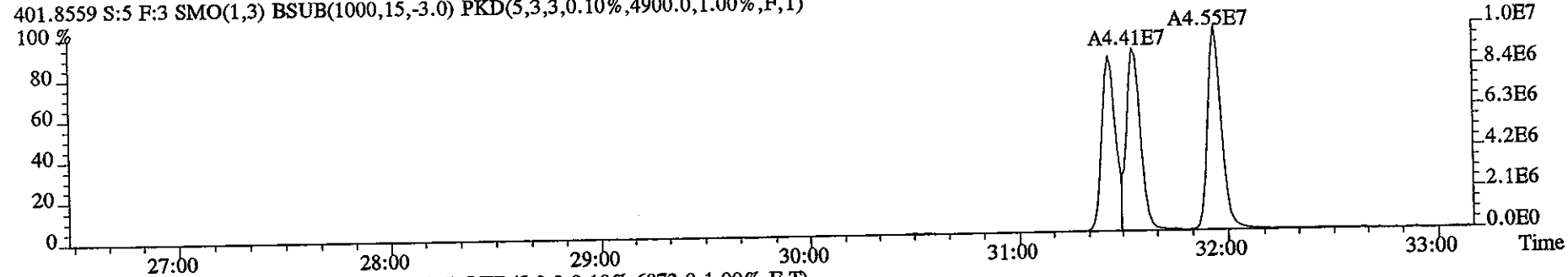
File:09DE051D5 #1-450 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
389.8157 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5216.0,1.00%,F,T)



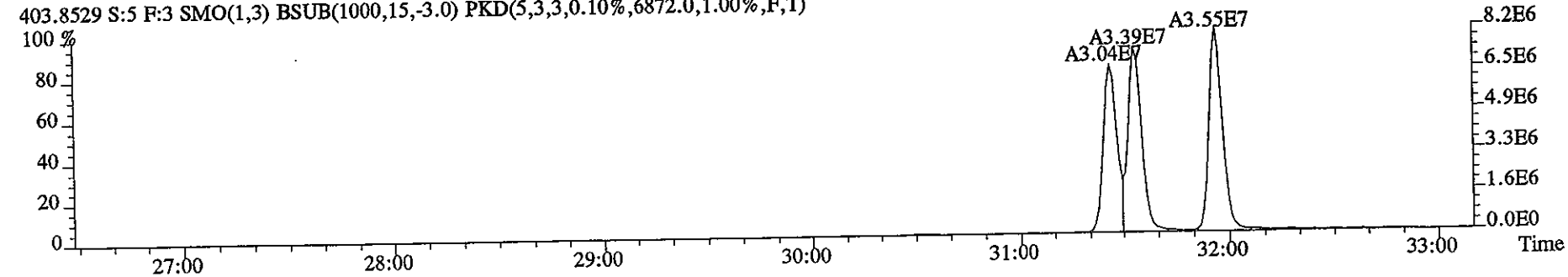
391.8127 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5060.0,1.00%,F,T)



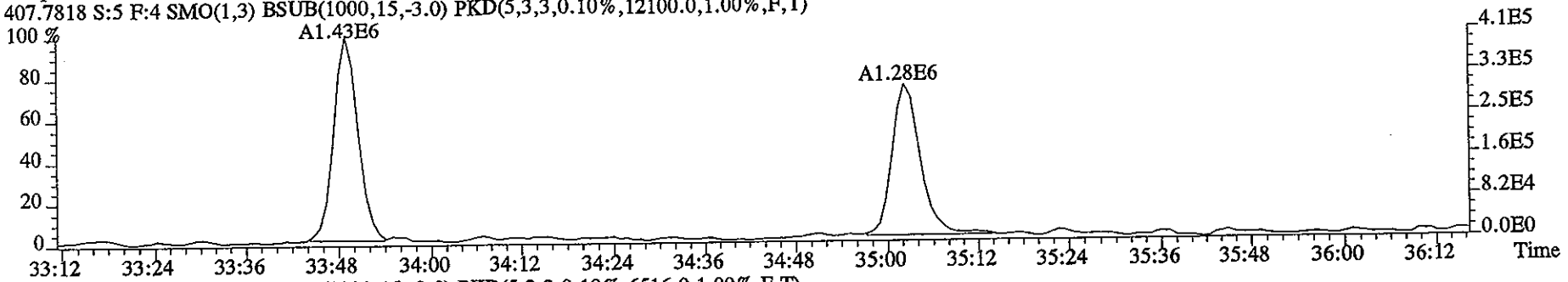
401.8559 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4900.0,1.00%,F,T)

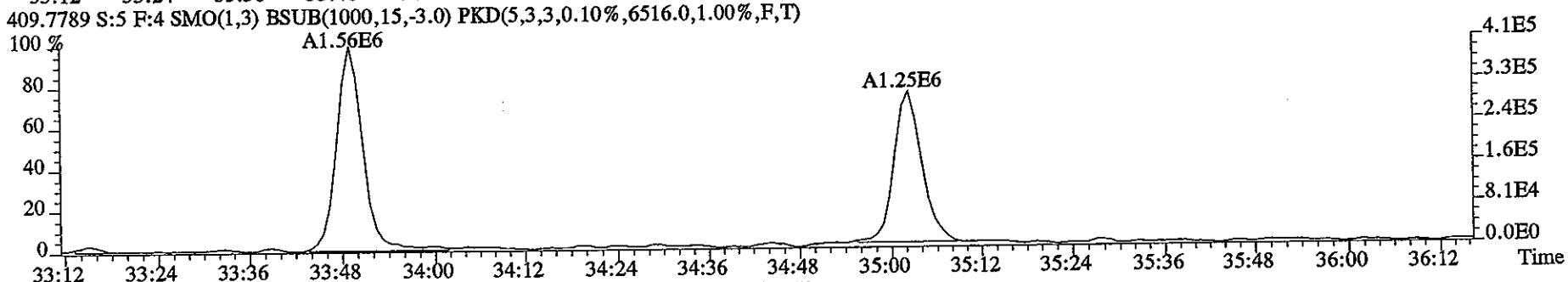


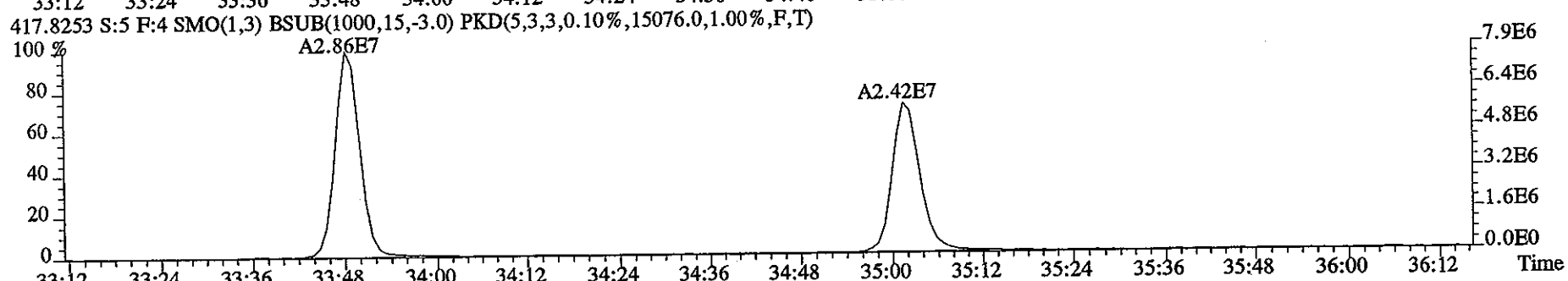
403.8529 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6872.0,1.00%,F,T)

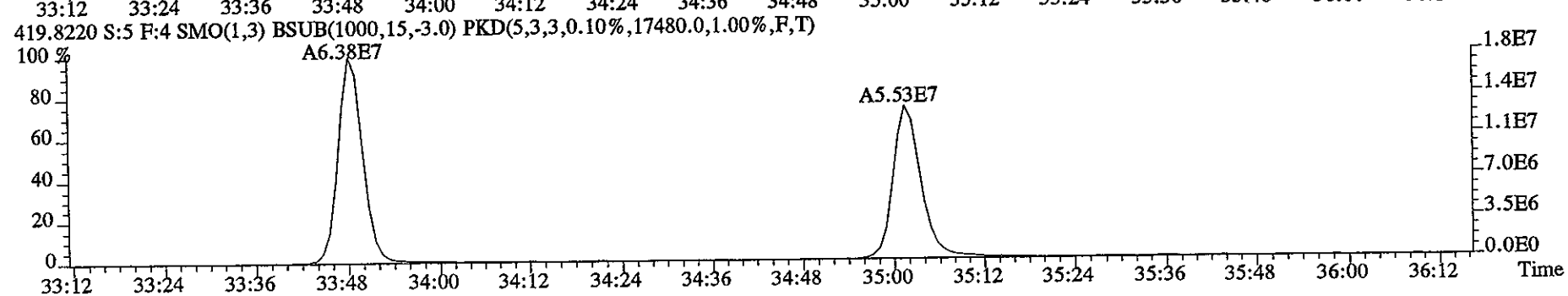


File:09DE051D5 #1-218 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN

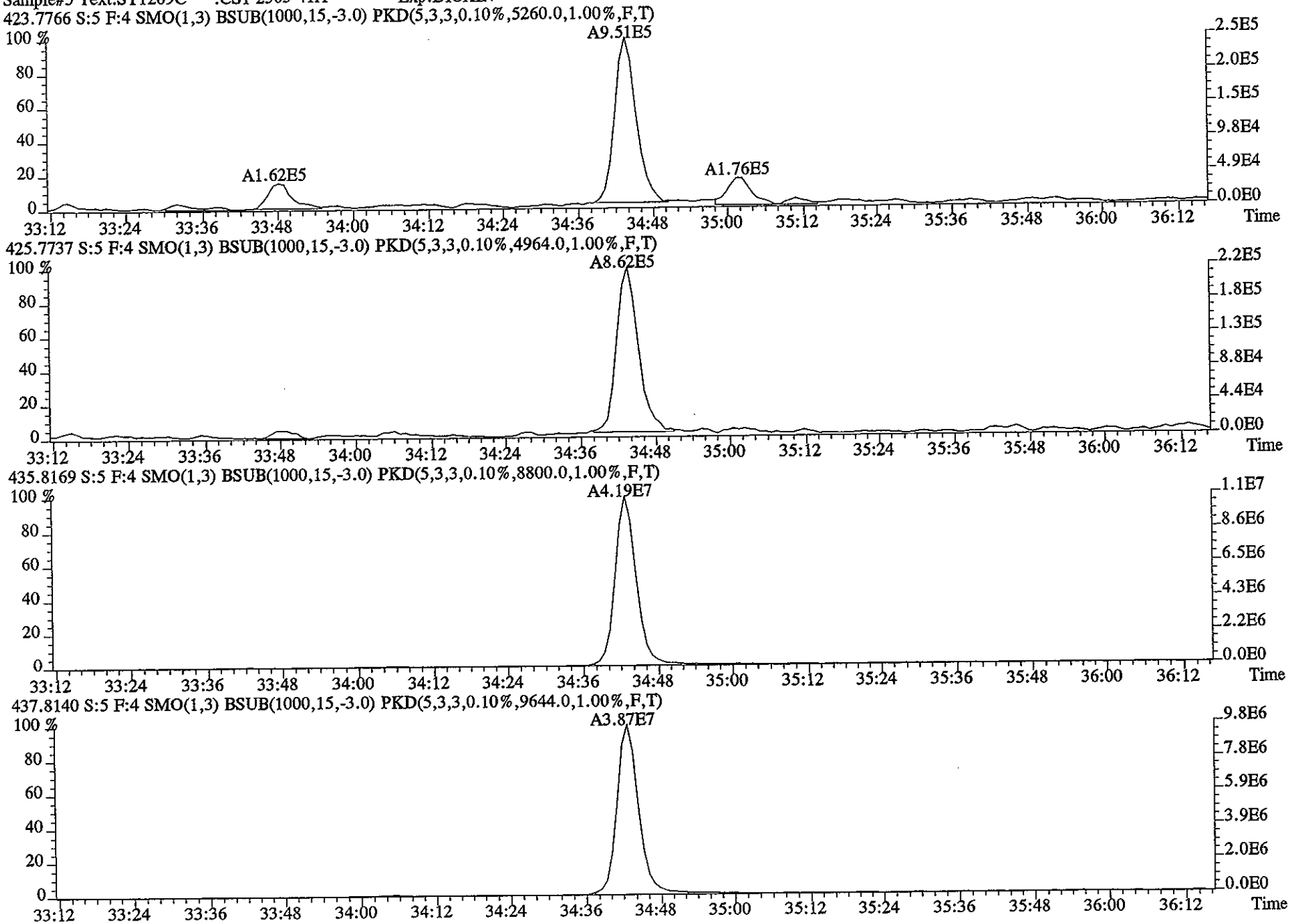




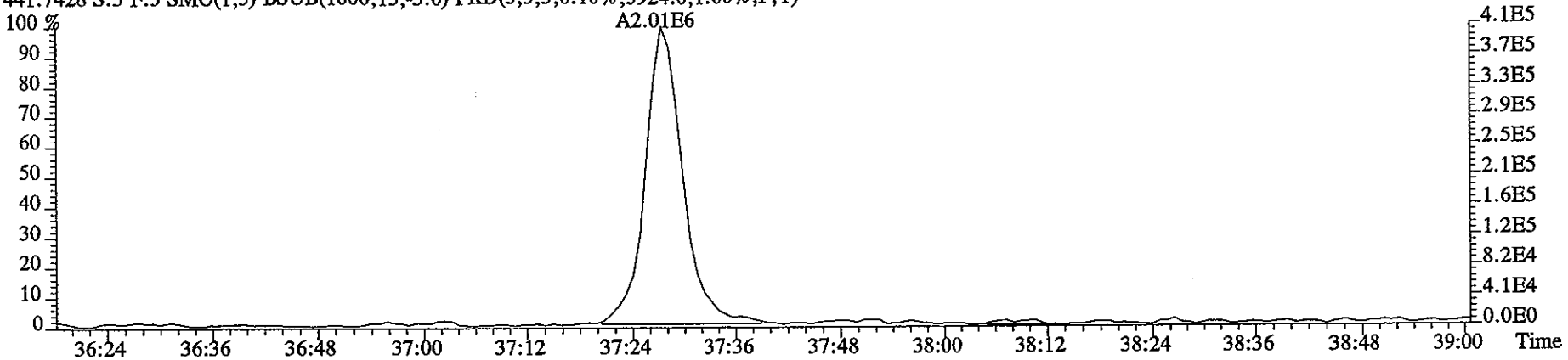




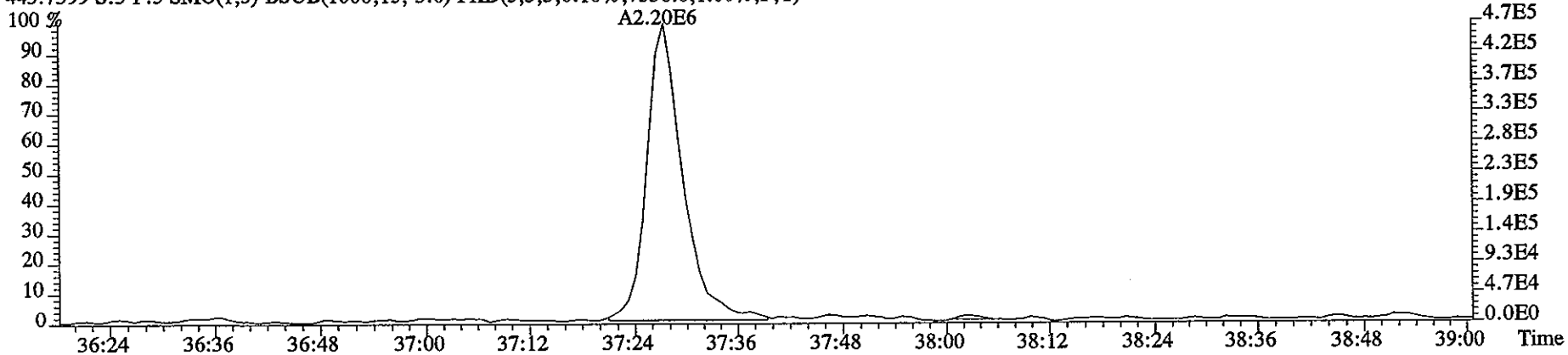
File:09DE051D5 #1-218 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN



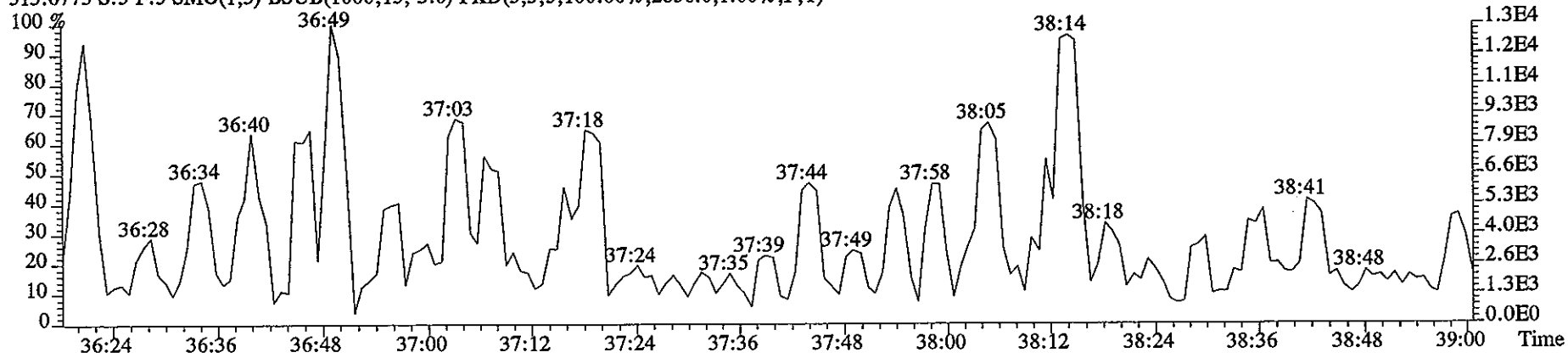
File:09DE051D5 #1-196 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
441.7428 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5924.0,1.00%,F,T)



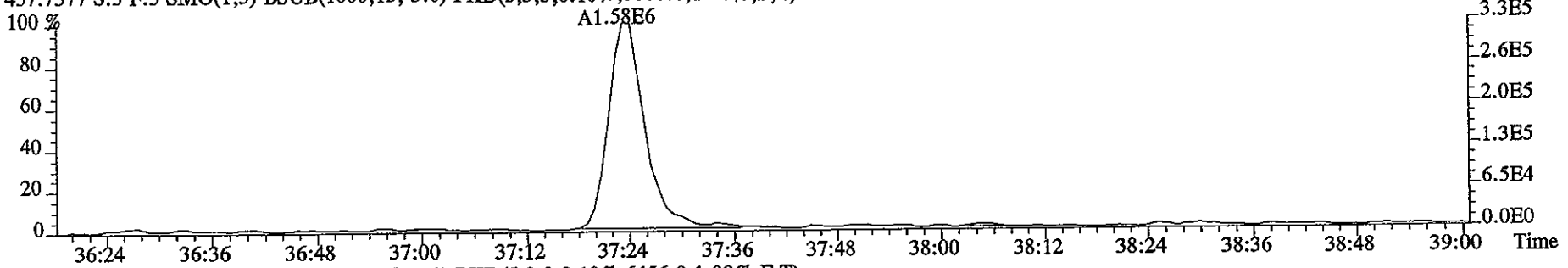
443.7399 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7536.0,1.00%,F,T)



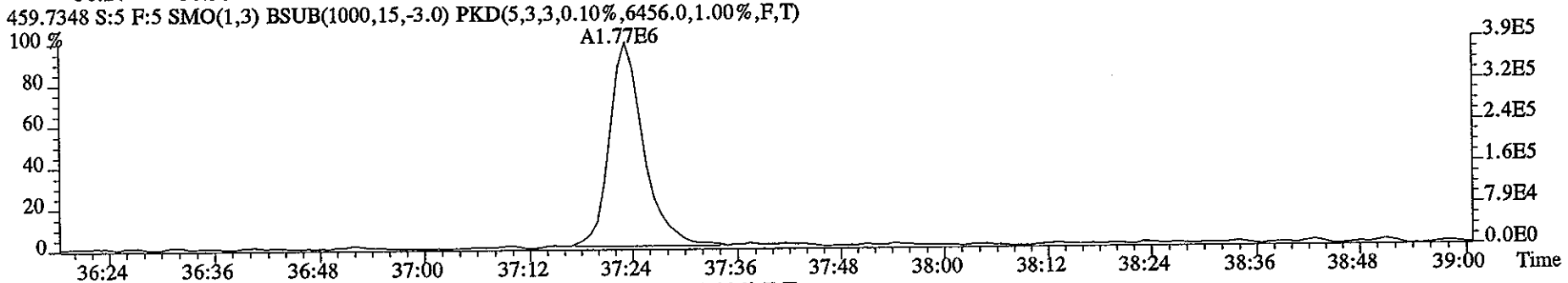
513.6775 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2856.0,1.00%,F,T)



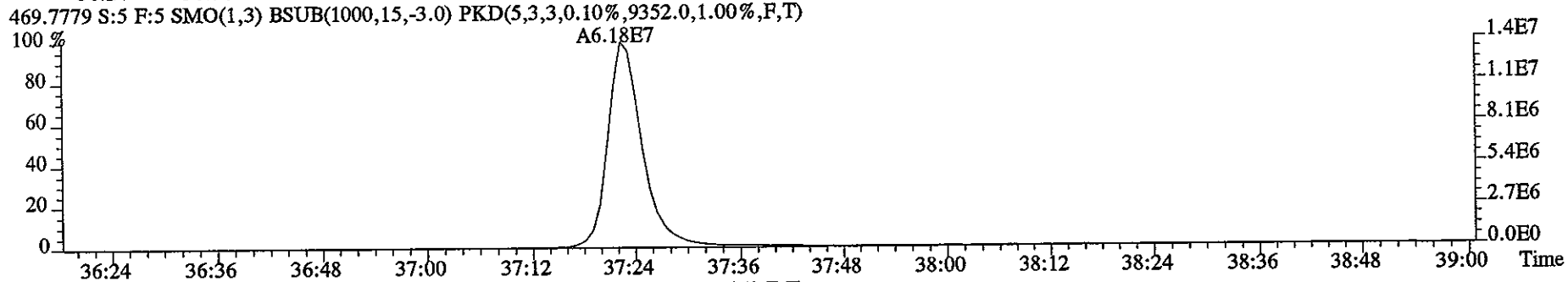
File:09DE051D5 #1-196 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
457.7377 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5060.0,1.00%,F,T)



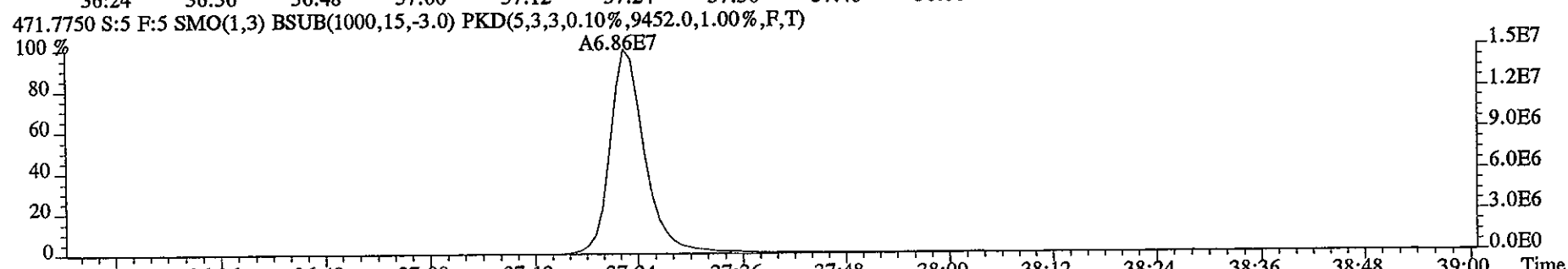
459.7348 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6456.0,1.00%,F,T)



469.7779 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9352.0,1.00%,F,T)

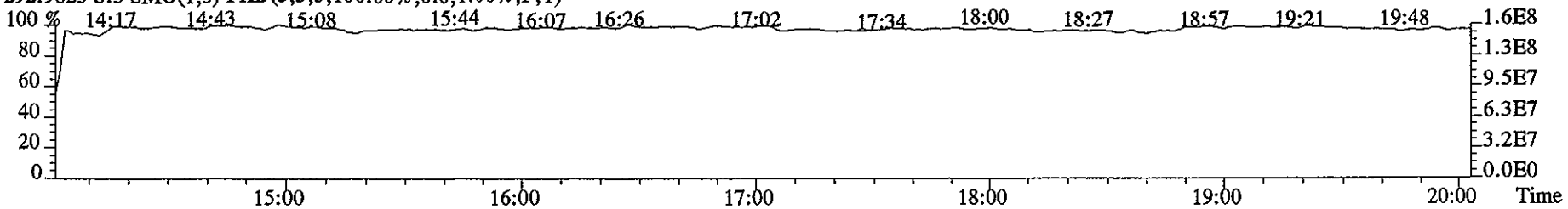


471.7750 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9452.0,1.00%,F,T)

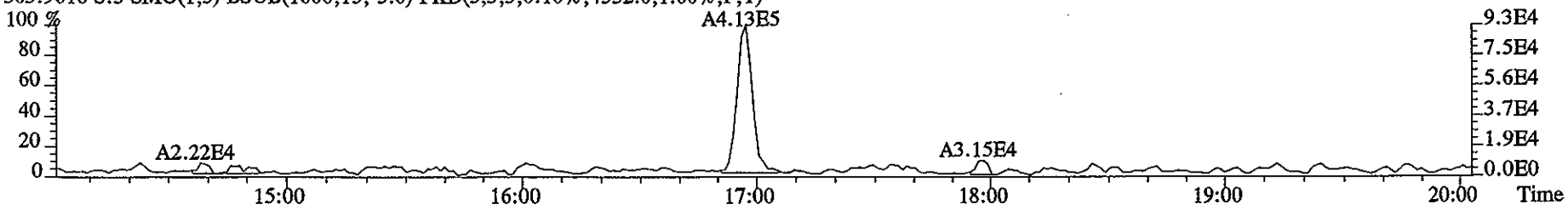


File:09DE051D5 #1-328 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN

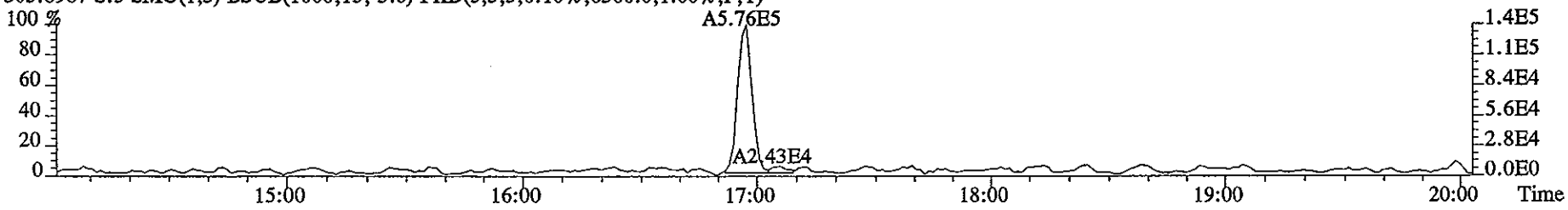
292.9825 S:5 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



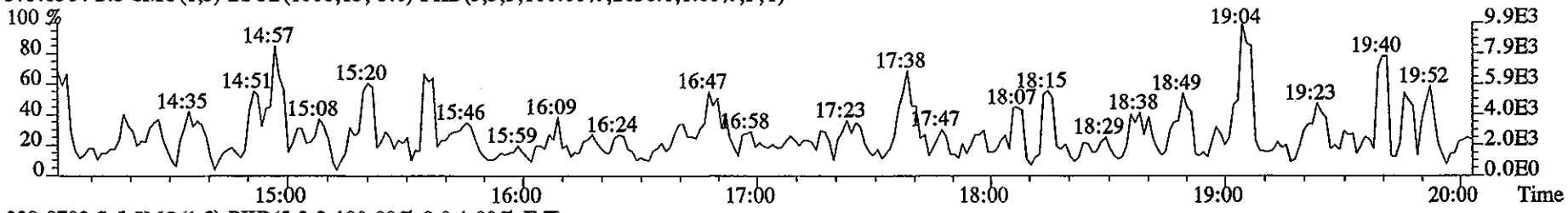
303.9016 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4552.0,1.00%,F,T)



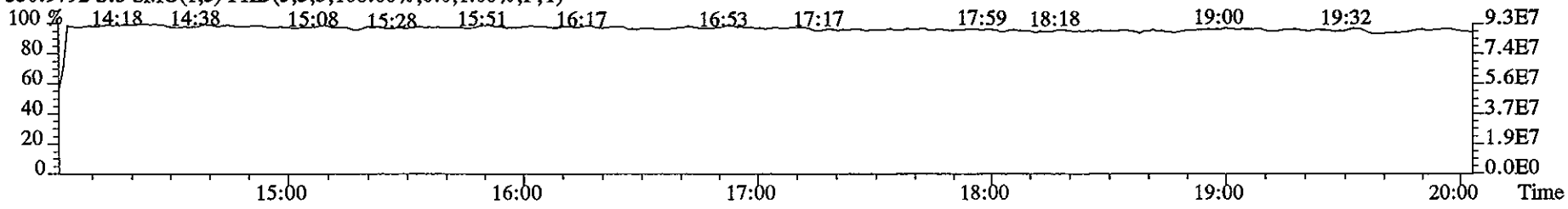
305.8987 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6300.0,1.00%,F,T)

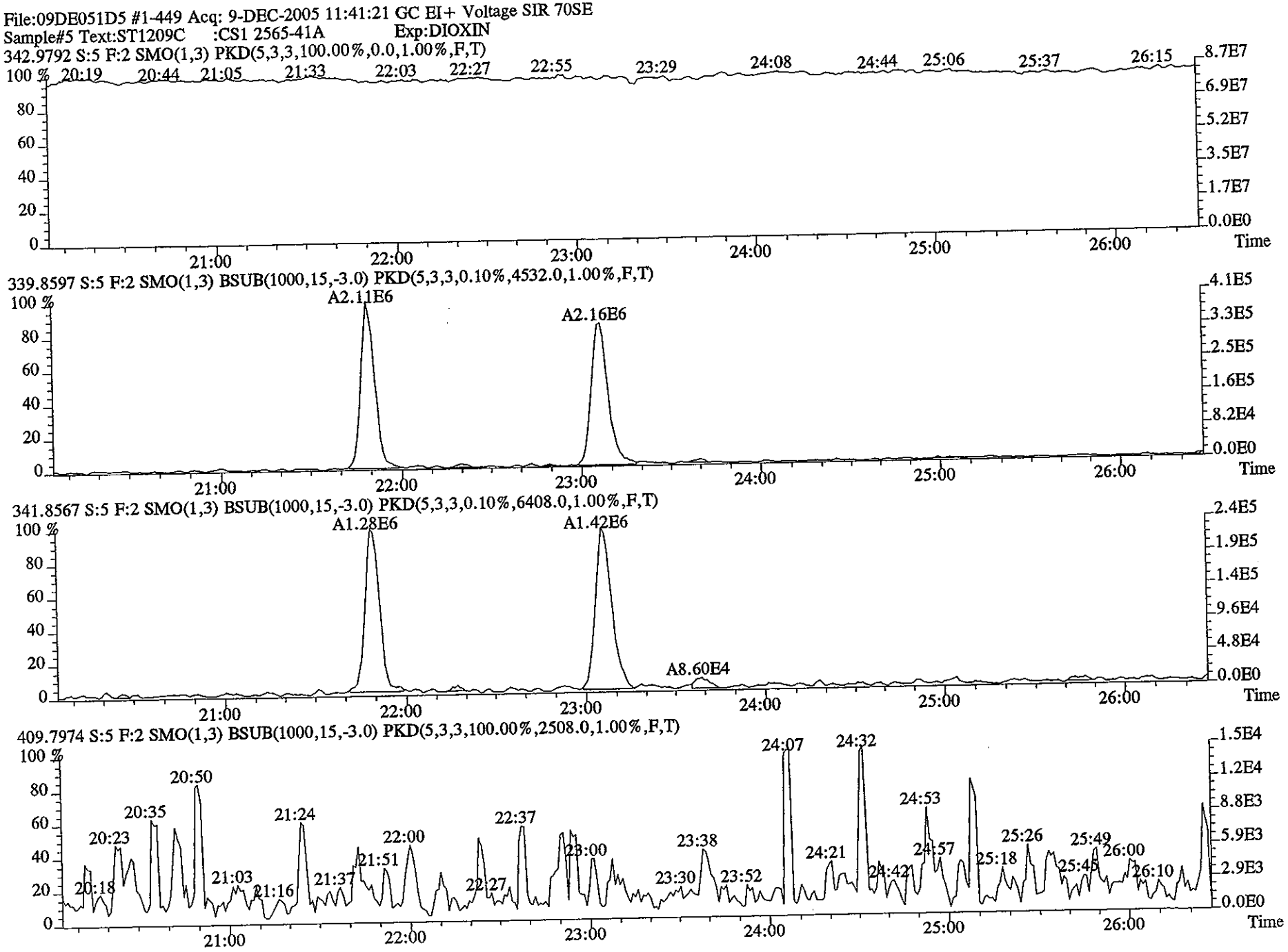


375.8364 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2636.0,1.00%,F,T)



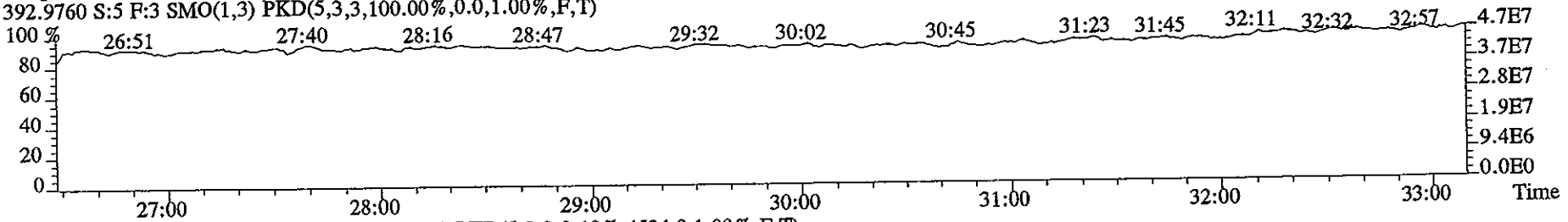
330.9792 S:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



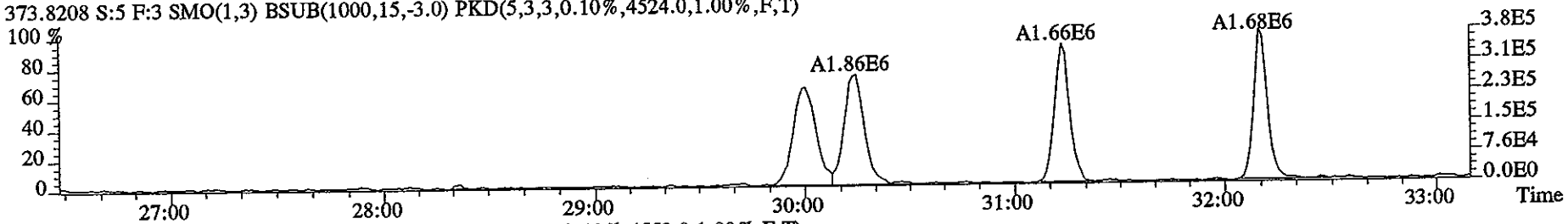


File:09DE051D5 #1-450 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN

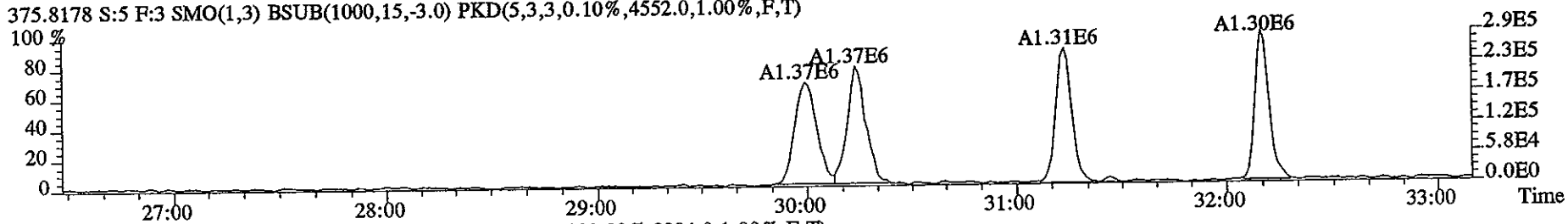
392.9760 S:5 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



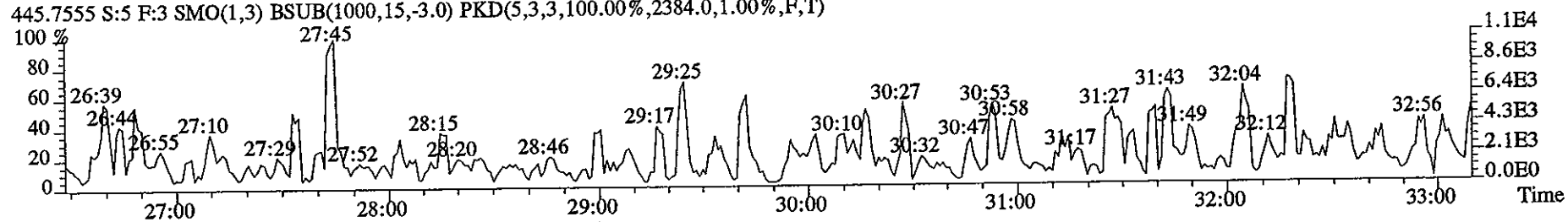
373.8208 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4524.0,1.00%,F,T)



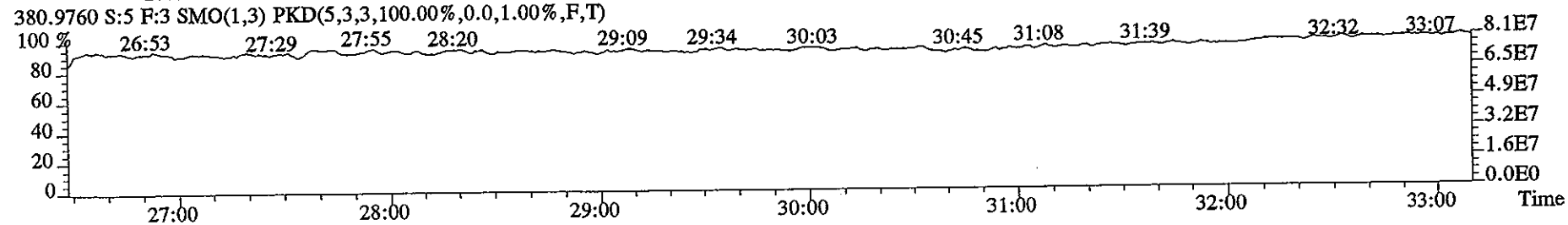
375.8178 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4552.0,1.00%,F,T)



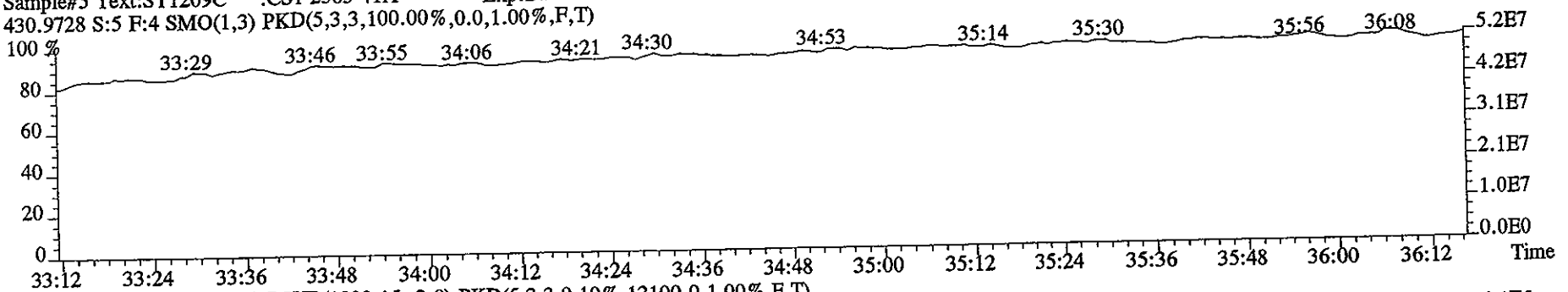
445.7555 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2384.0,1.00%,F,T)



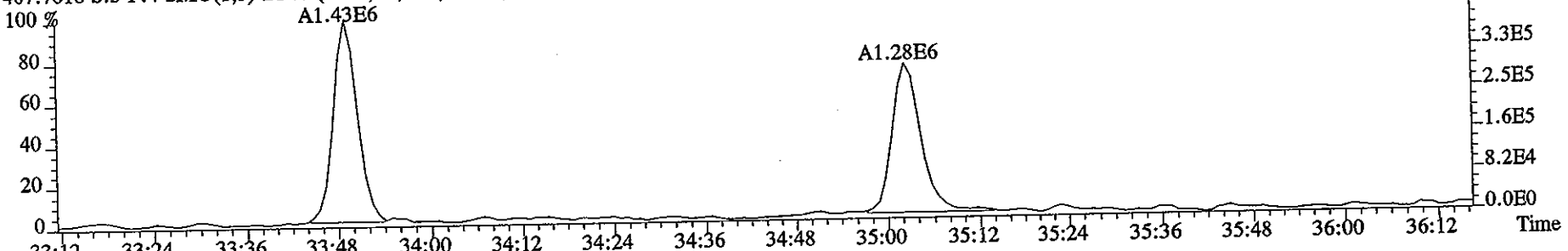
380.9760 S:5 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



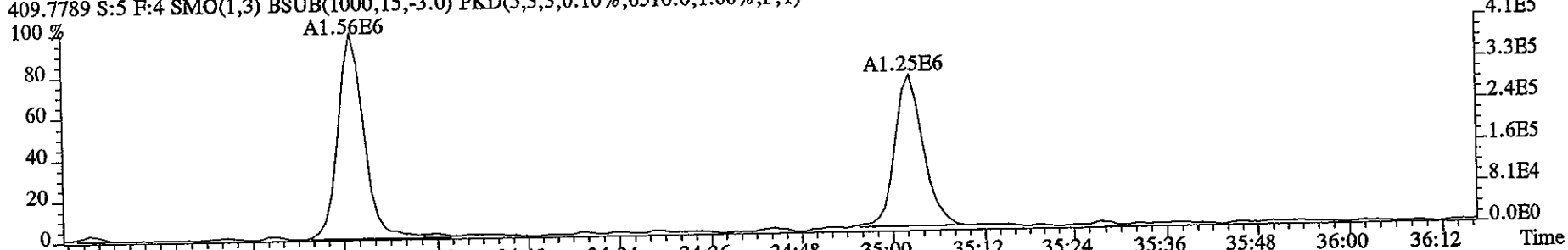
File:09DE051D5 #1-218 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
430.9728 S:5 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



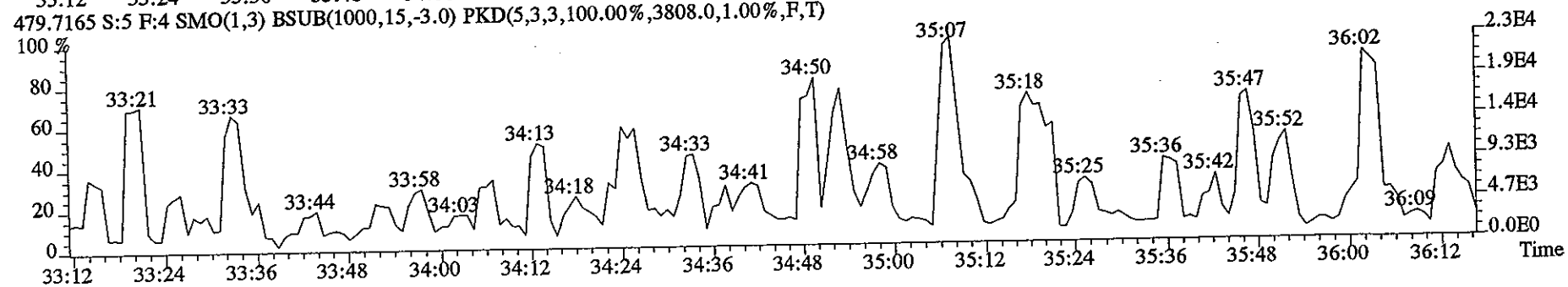
407.7818 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12100.0,1.00%,F,T)



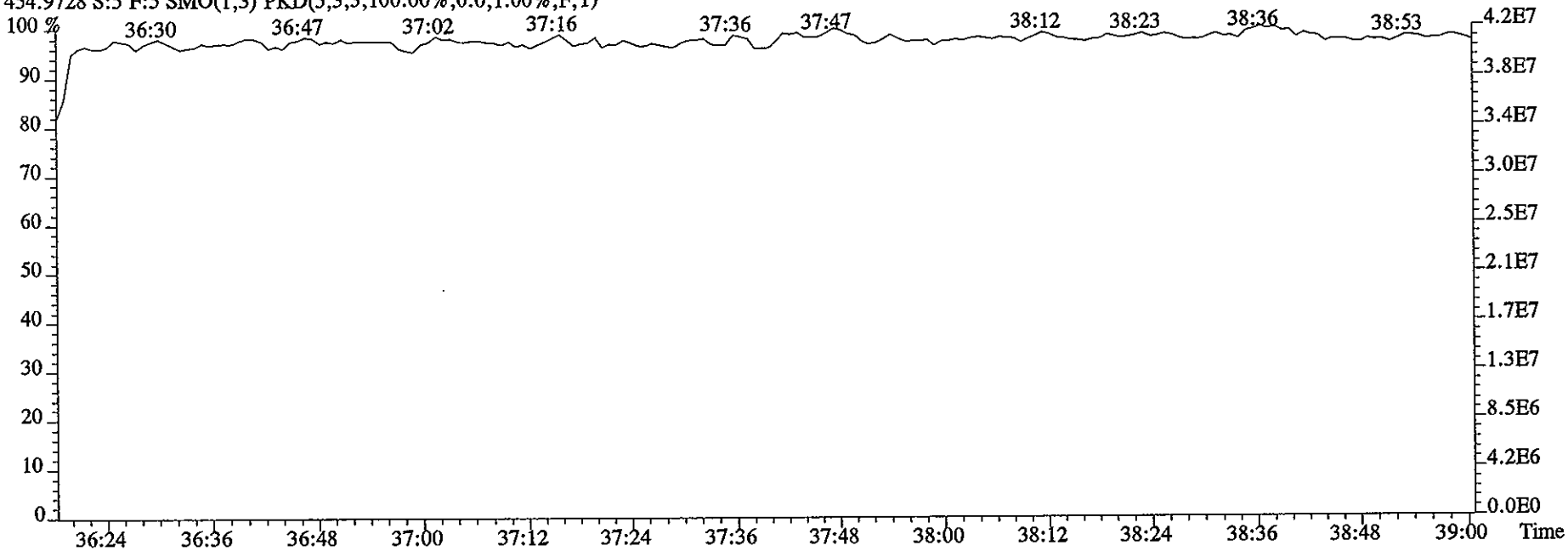
409.7789 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6516.0,1.00%,F,T)



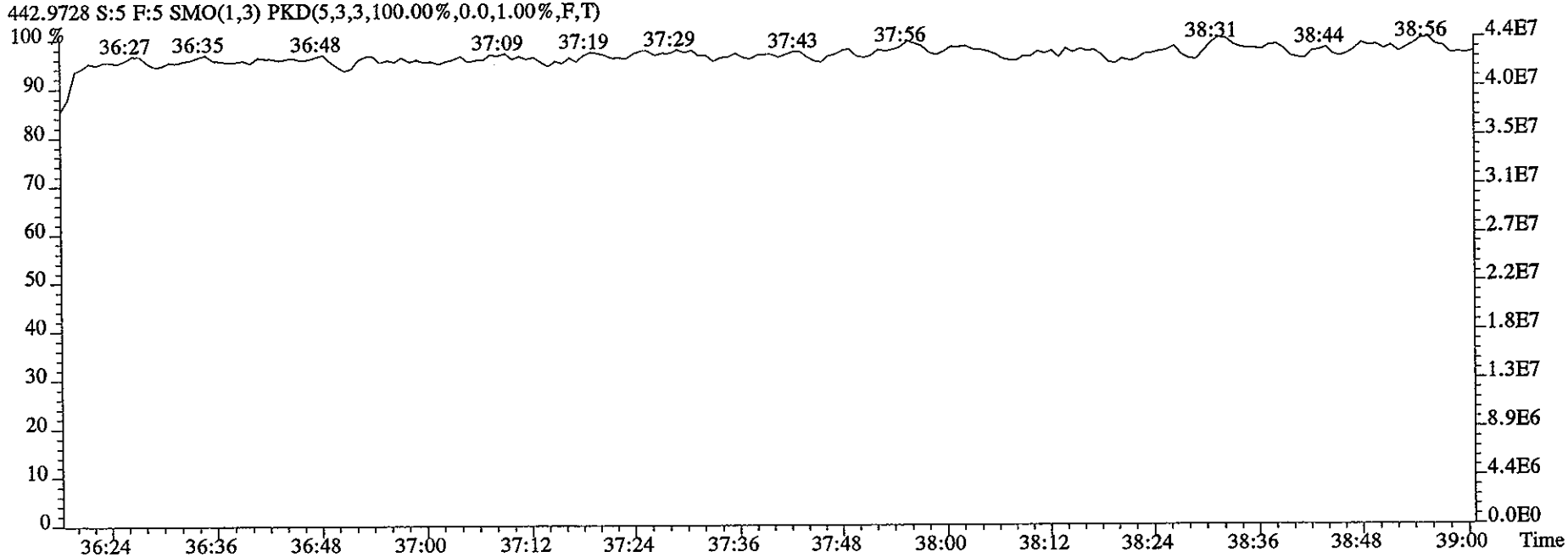
479.7165 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3808.0,1.00%,F,T)



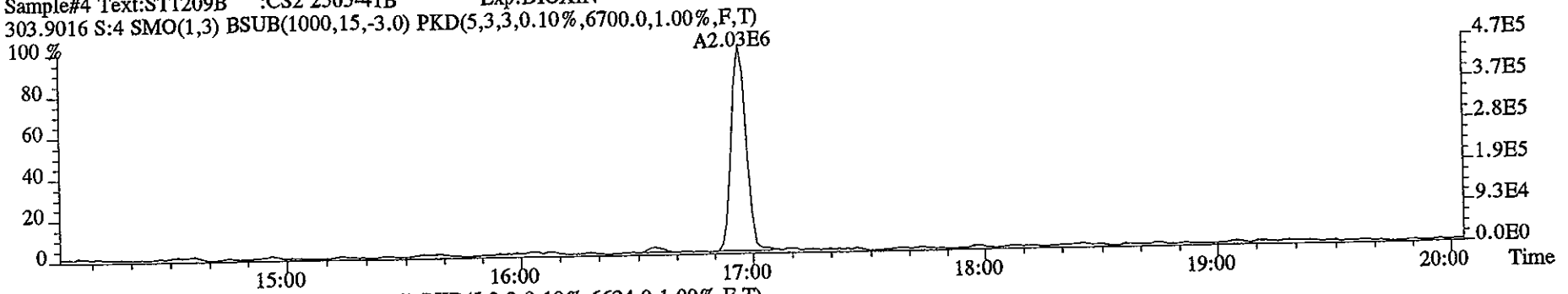
File:09DE051D5 #1-196 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
454.9728 S:5 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

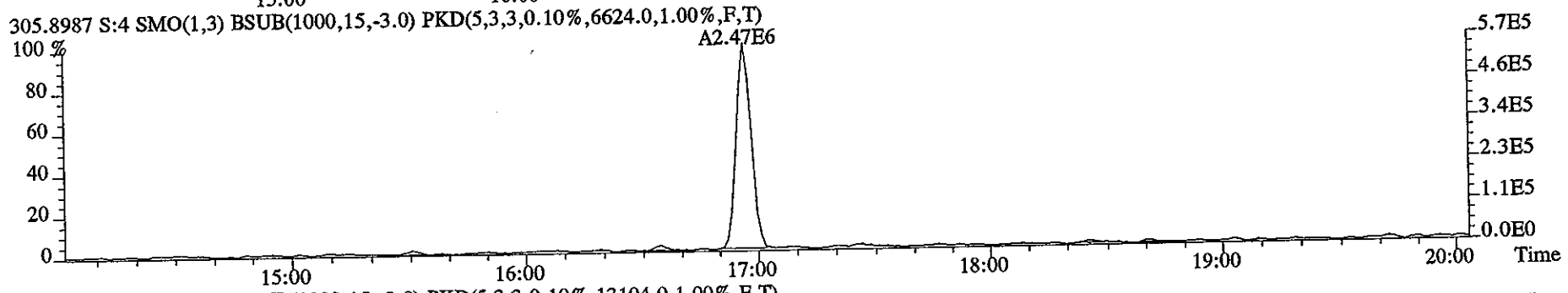


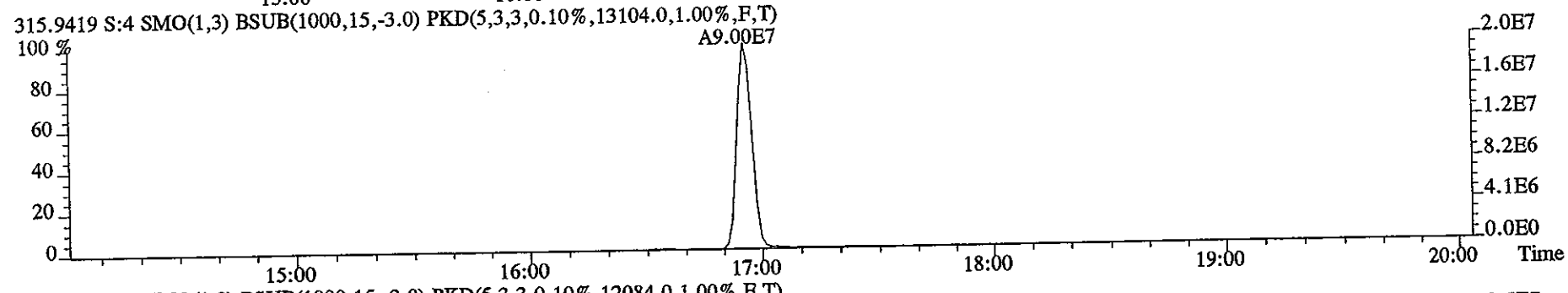
442.9728 S:5 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

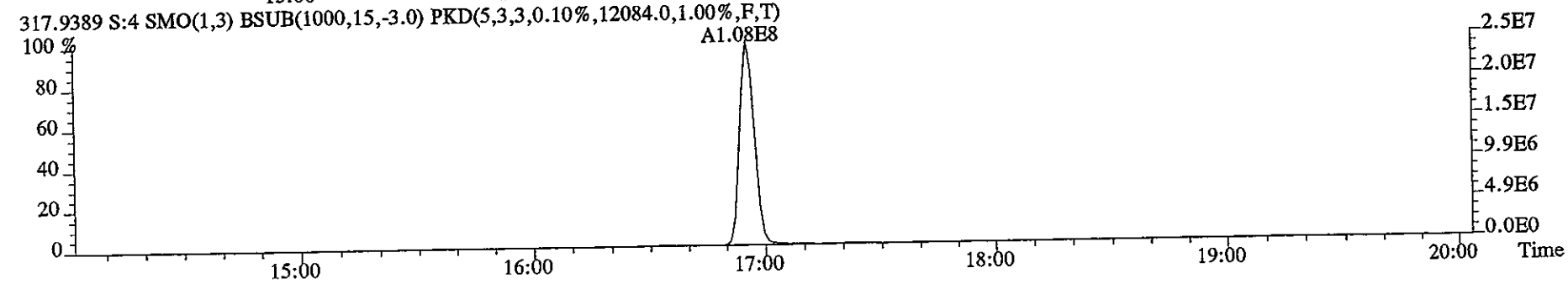


File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN

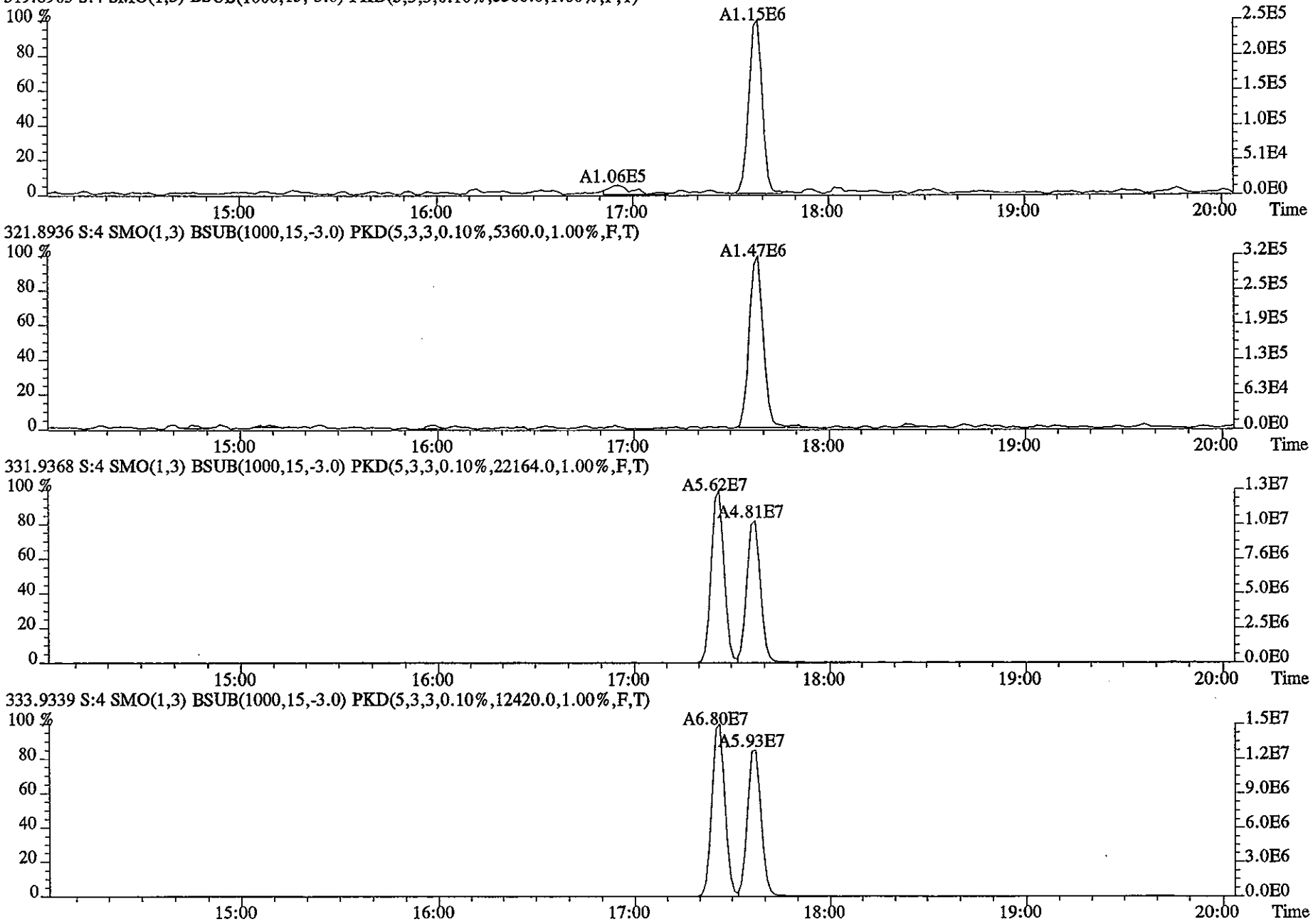




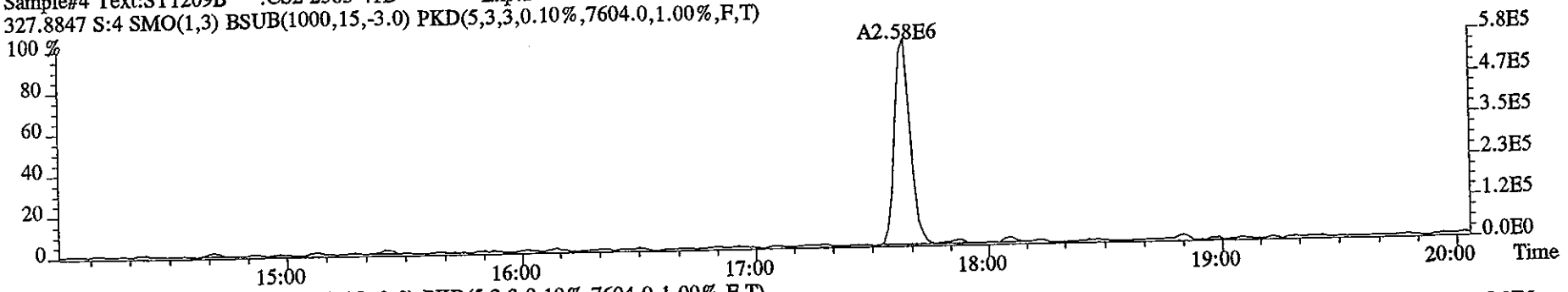




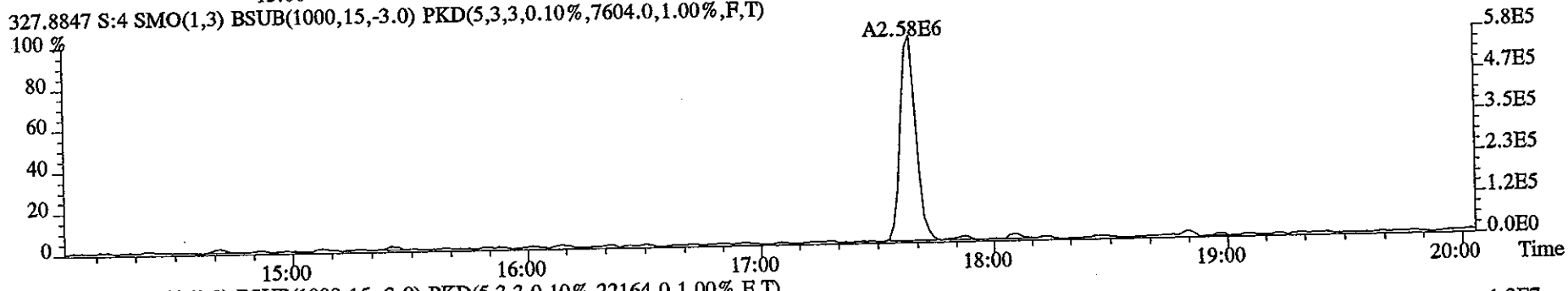
File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN



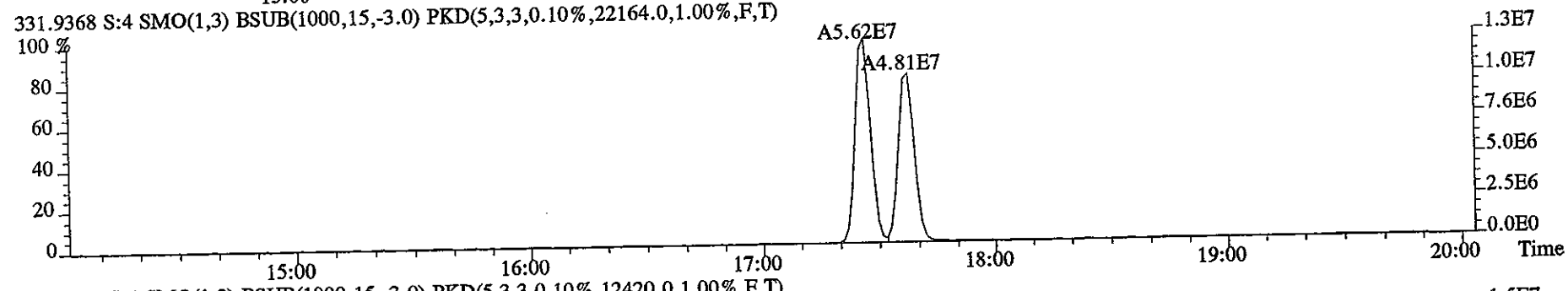
File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
327.8847 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7604.0,1.00%,F,T)



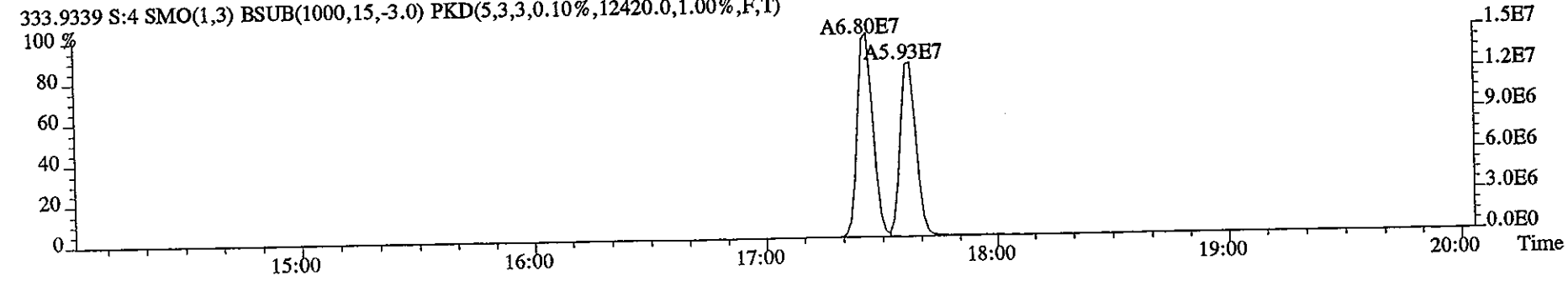
327.8847 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7604.0,1.00%,F,T)



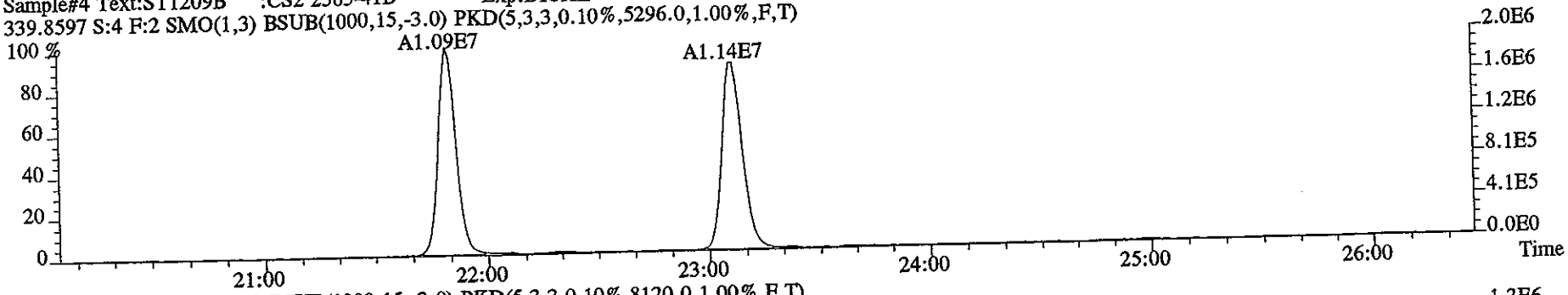
331.9368 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,22164.0,1.00%,F,T)



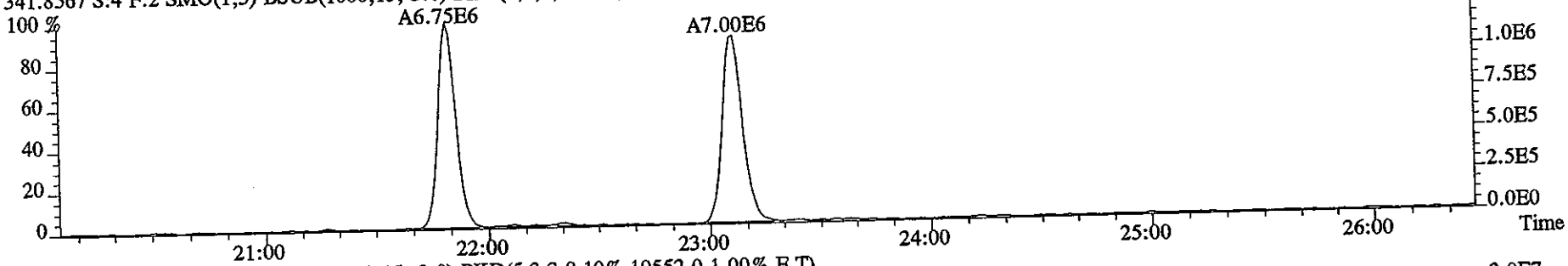
333.9339 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12420.0,1.00%,F,T)



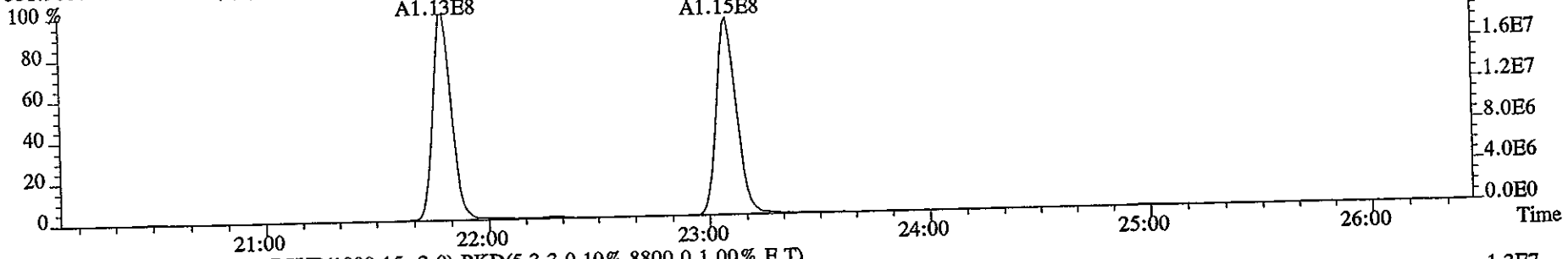
File:09DE051D5 #1-448 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
339.8597 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5296.0,1.00%,F,T)



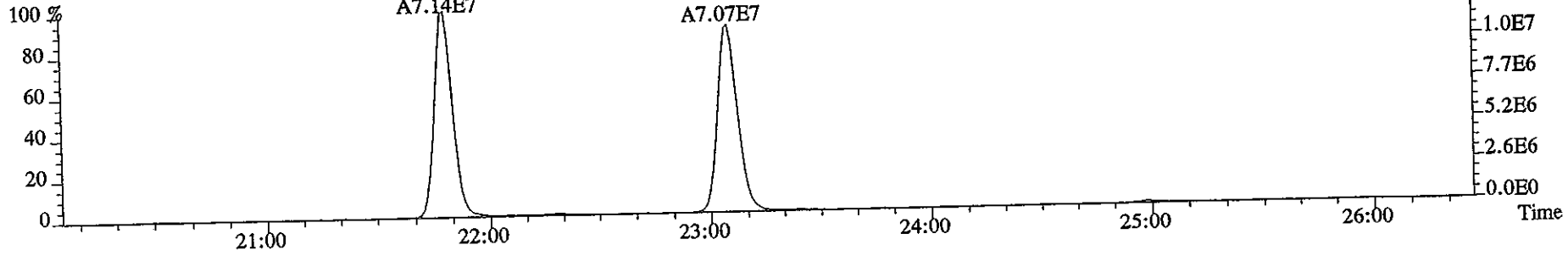
341.8567 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8120.0,1.00%,F,T)



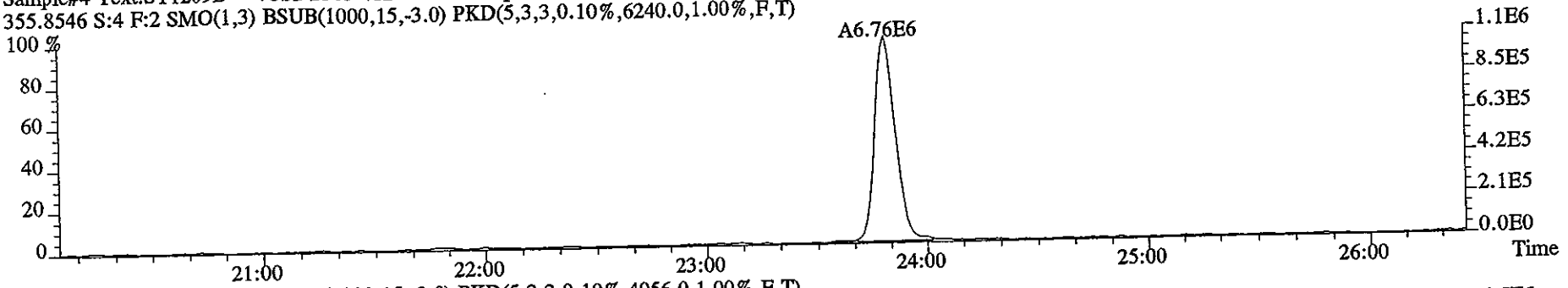
351.9000 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10552.0,1.00%,F,T)



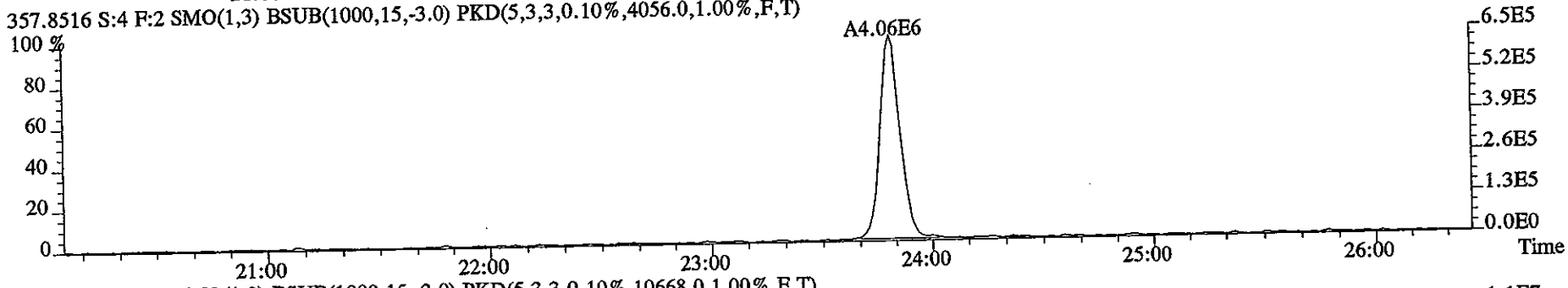
353.8970 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8800.0,1.00%,F,T)



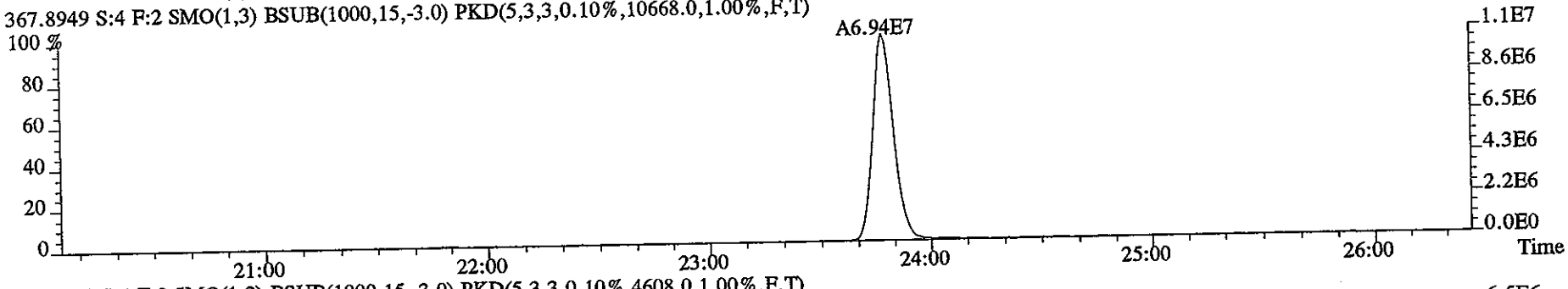
File:09DE051D5 #1-448 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
355.8546 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6240.0,1.00%,F,T)



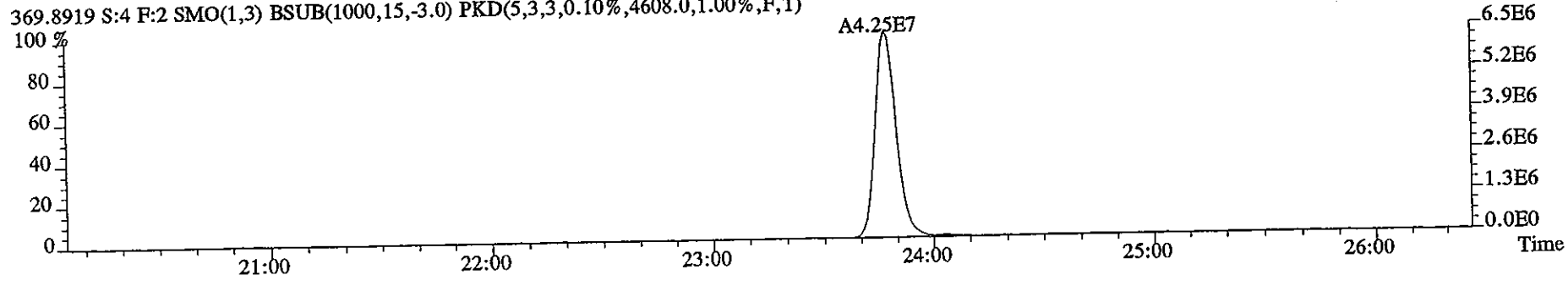
357.8516 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4056.0,1.00%,F,T)



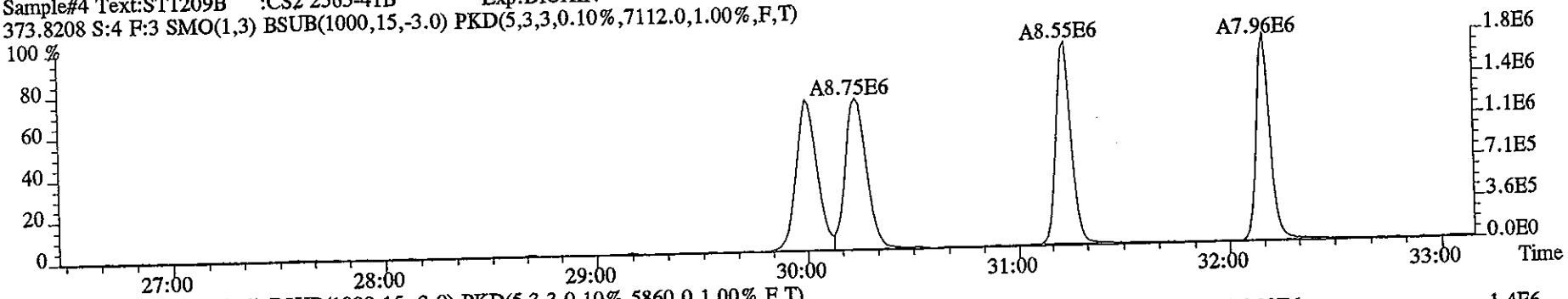
367.8949 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10668.0,1.00%,F,T)



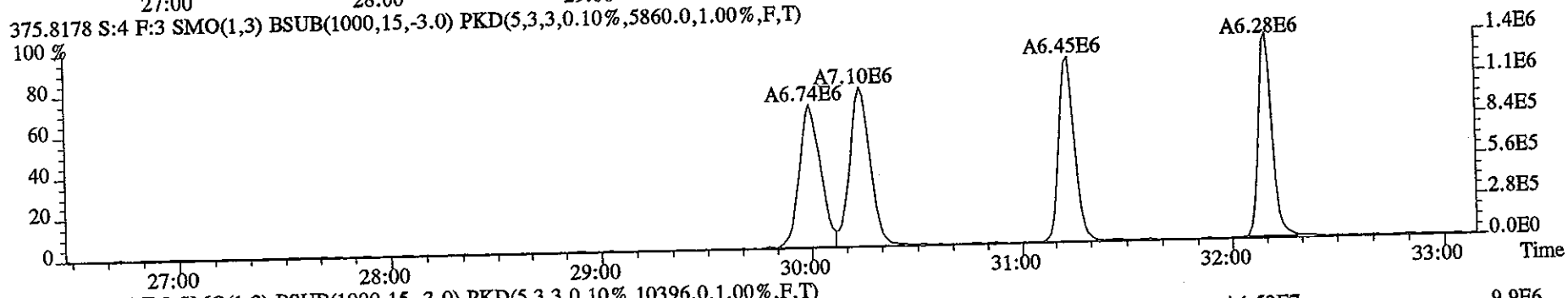
369.8919 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4608.0,1.00%,F,T)



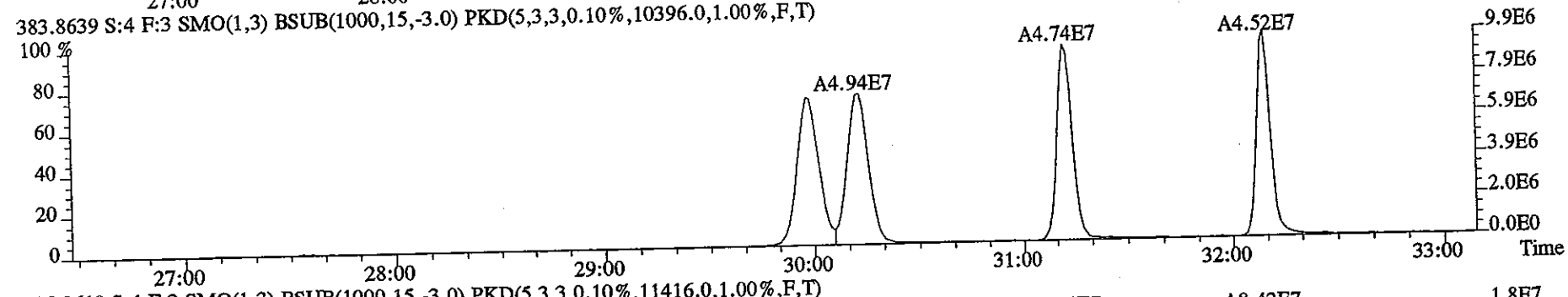
File:09DE051D5 #1-450 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
373.8208 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7112.0,1.00%,F,T)



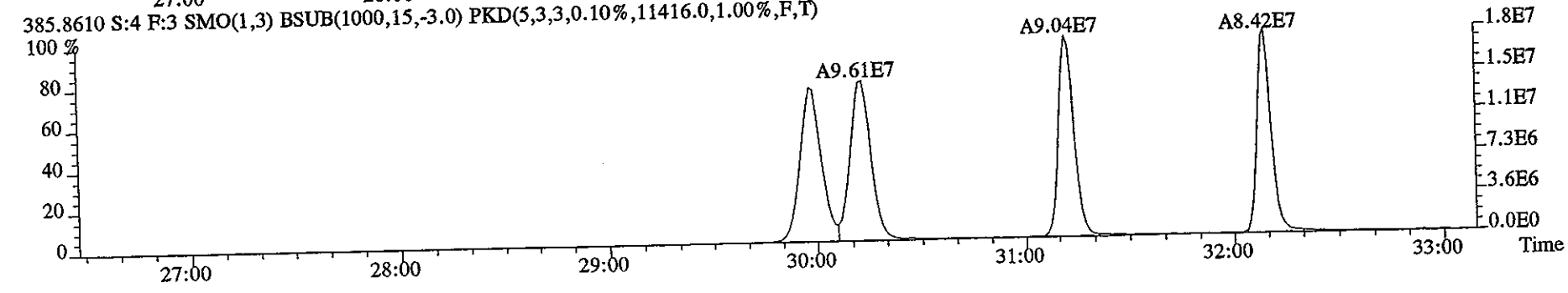
375.8178 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5860.0,1.00%,F,T)



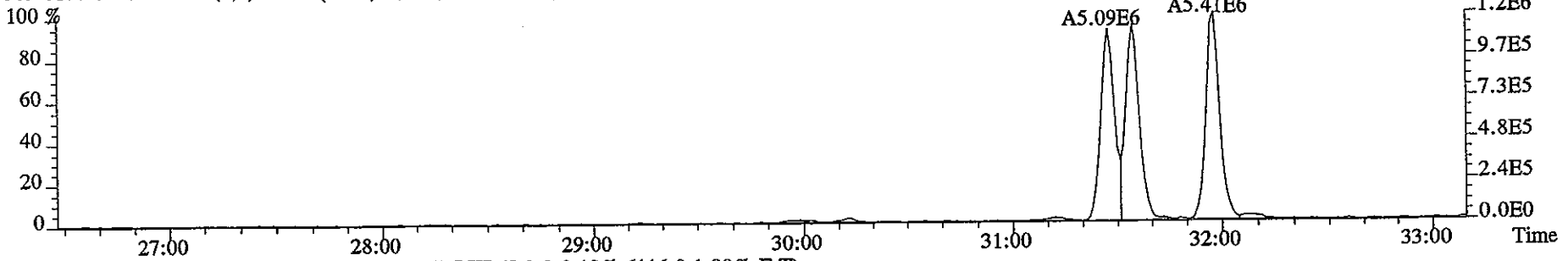
383.8639 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10396.0,1.00%,F,T)



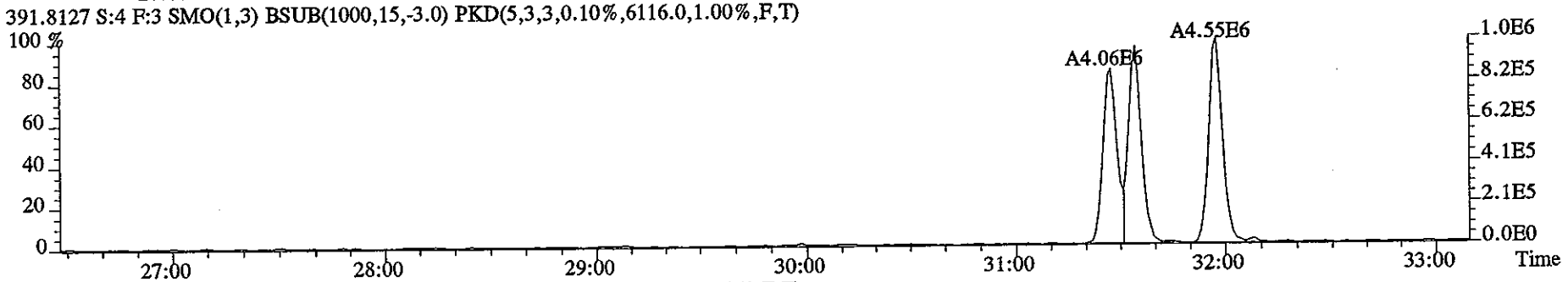
385.8610 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11416.0,1.00%,F,T)



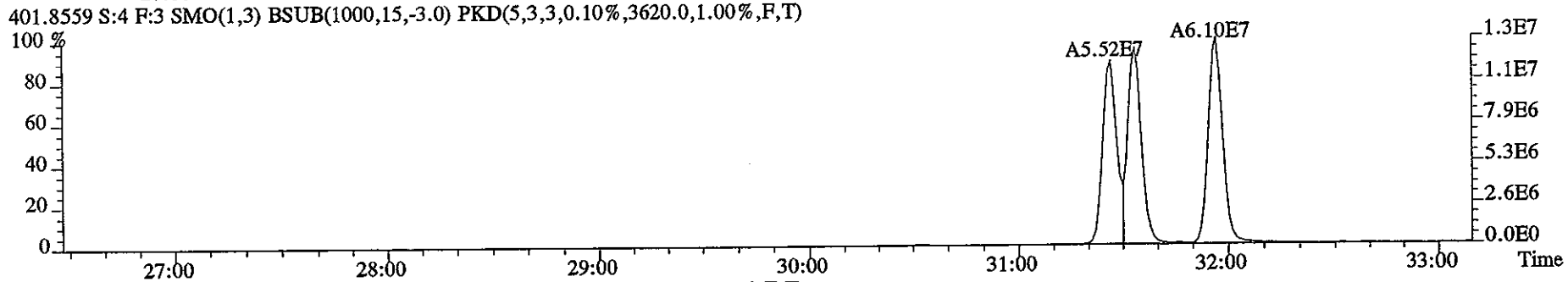
File:09DE051D5 #1-450 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
389.8157 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5248.0,1.00%,F,T)



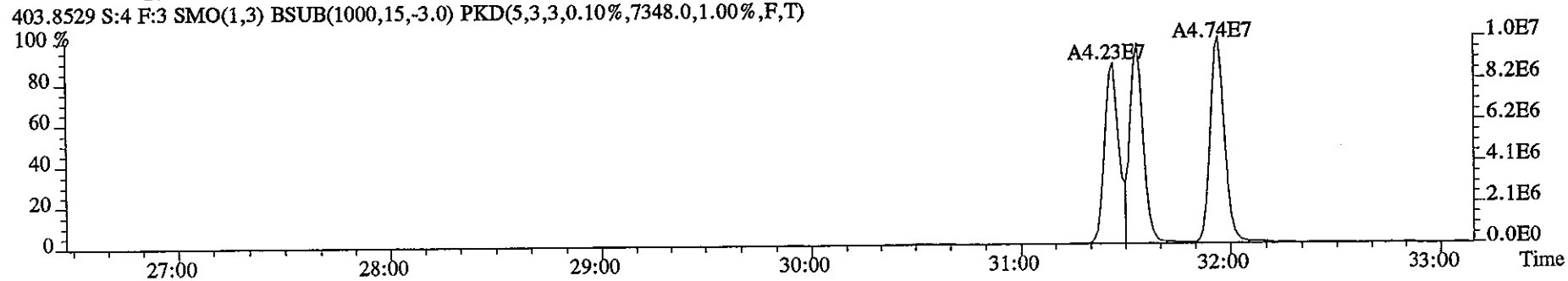
391.8127 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6116.0,1.00%,F,T)



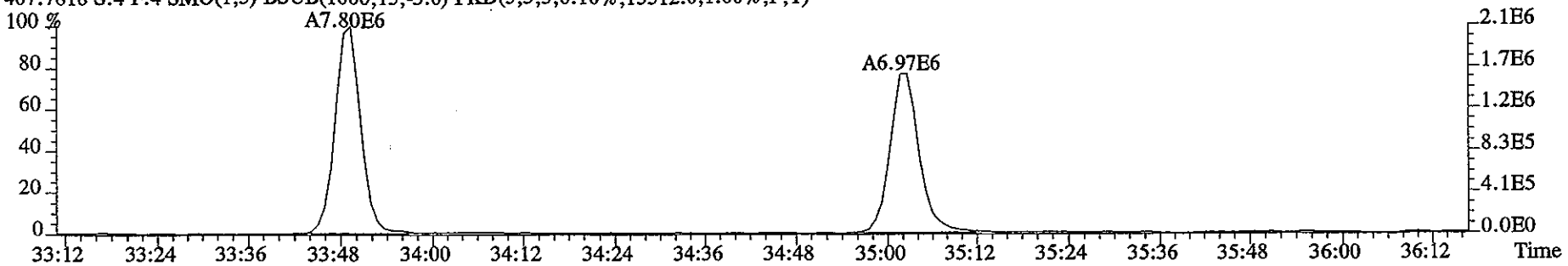
401.8559 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3620.0,1.00%,F,T)



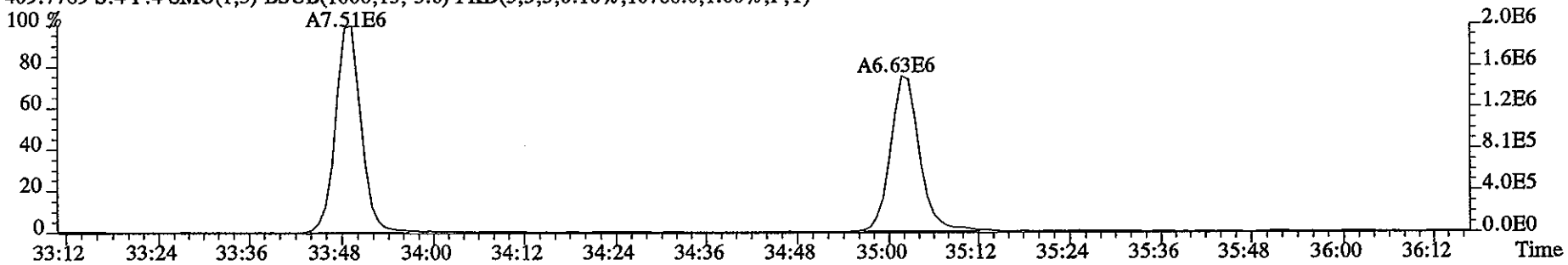
403.8529 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7348.0,1.00%,F,T)



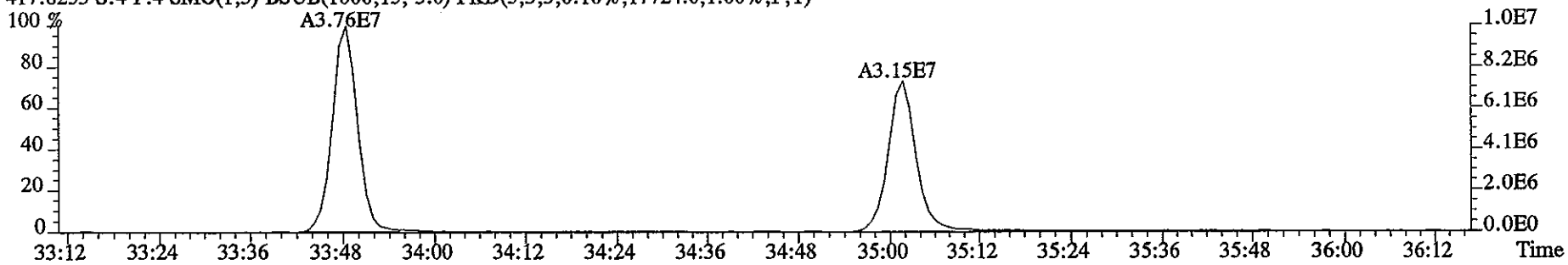
File:09DE051D5 #1-219 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
407.7818 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15512.0,1.00%,F,T)



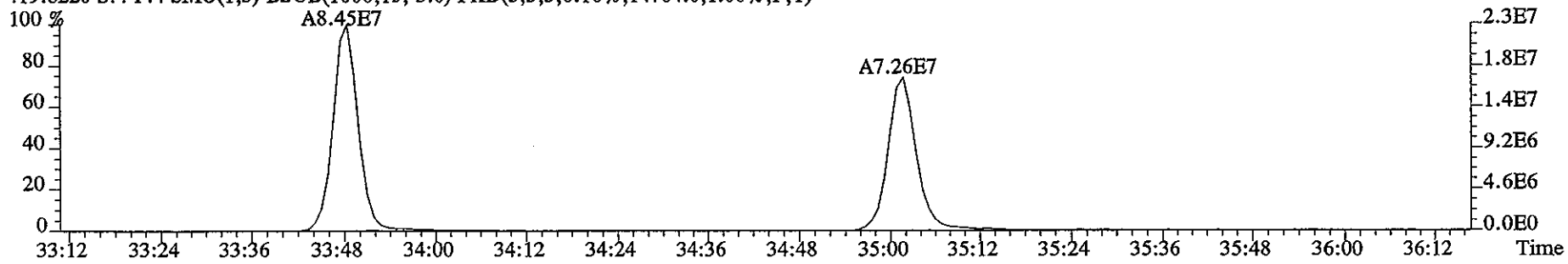
409.7789 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10788.0,1.00%,F,T)



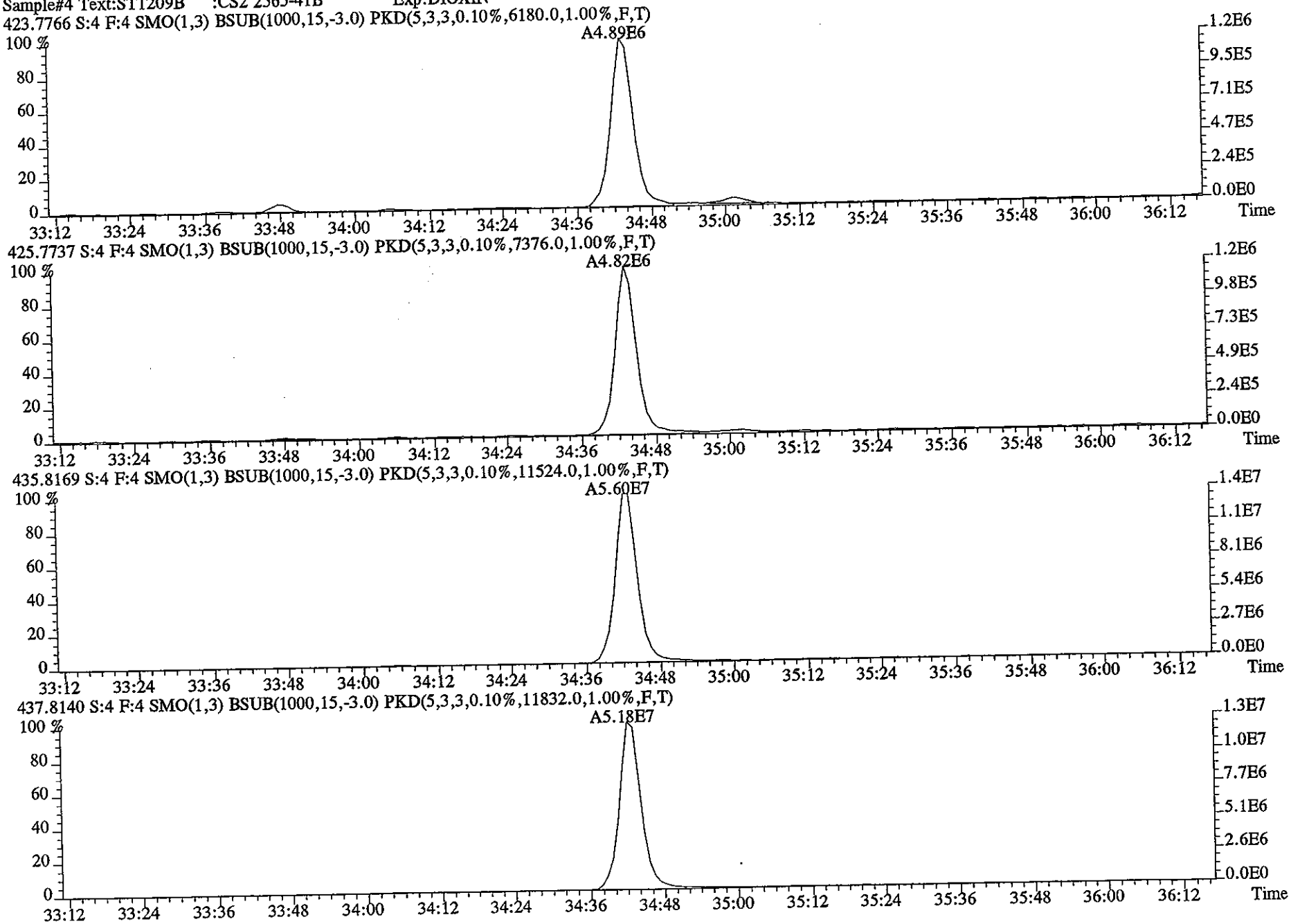
417.8253 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17724.0,1.00%,F,T)



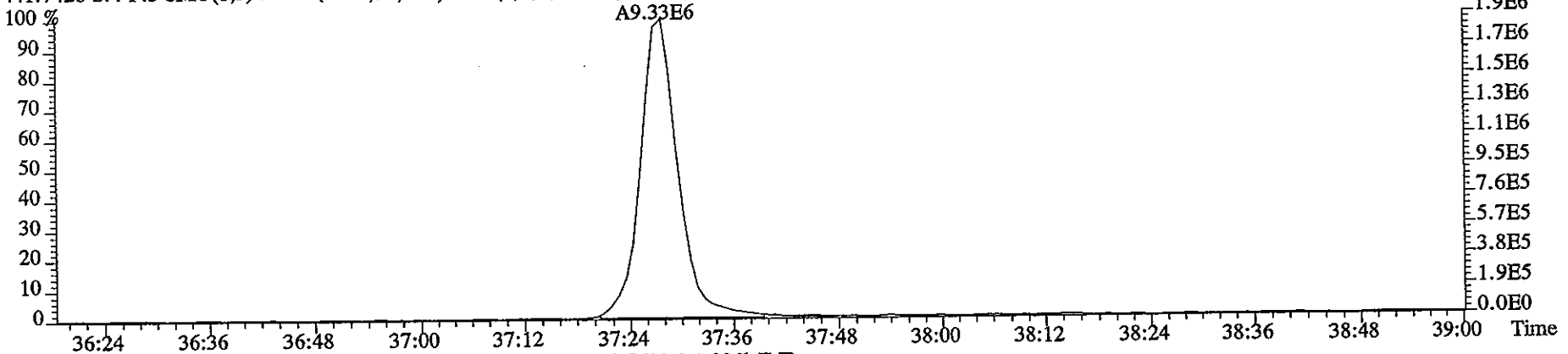
419.8220 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14704.0,1.00%,F,T)



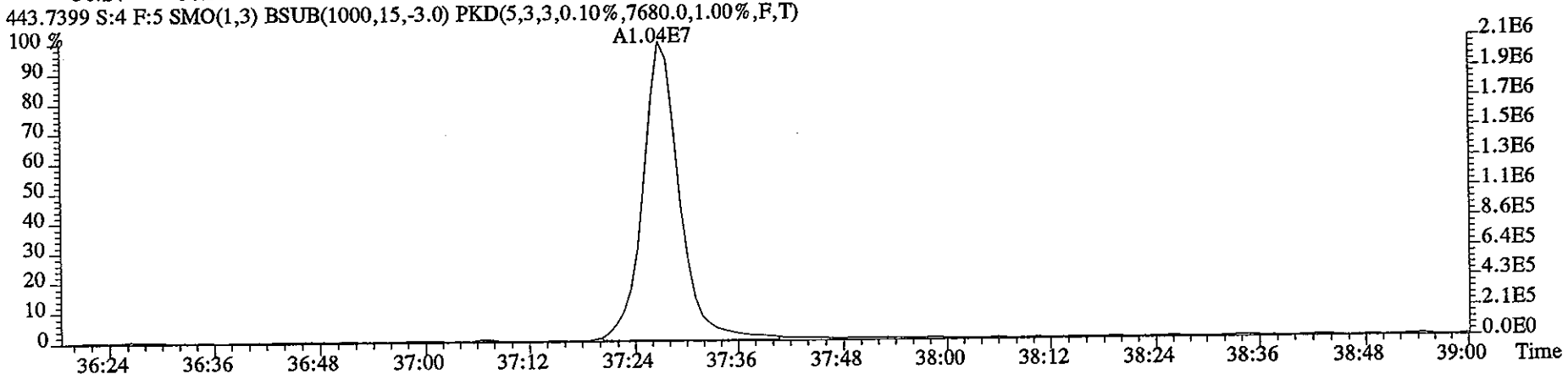
File:09DE051D5 #1-219 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN



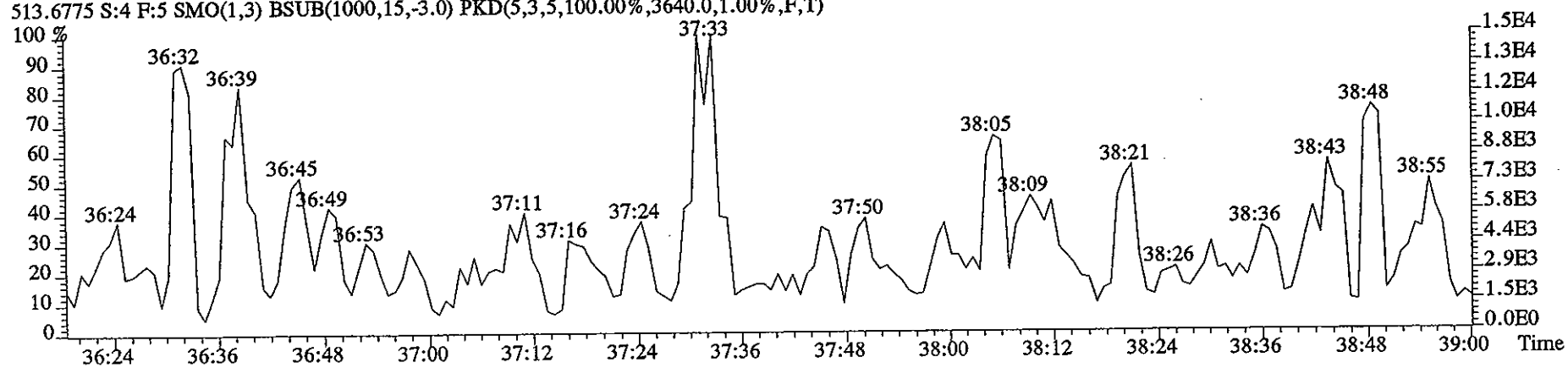
File:09DE051D5 #1-195 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
441.7428 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7844.0,1.00%,F,T)



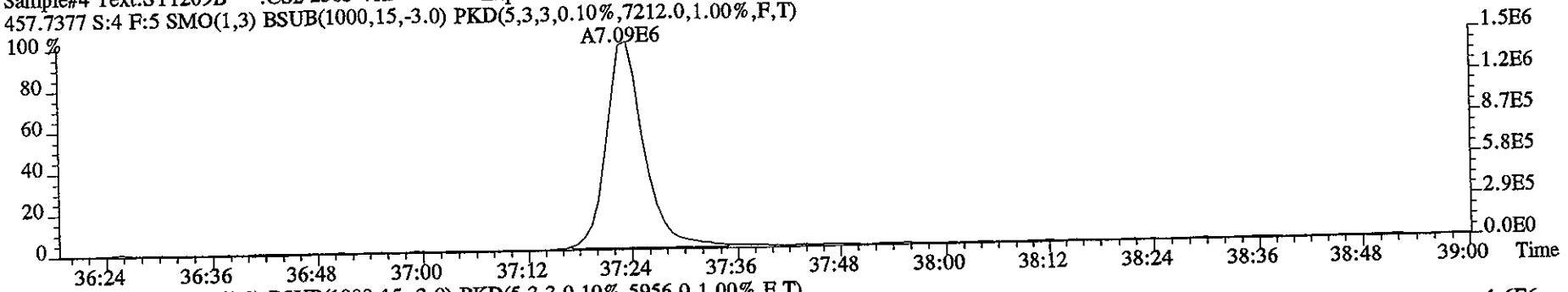
443.7399 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7680.0,1.00%,F,T)



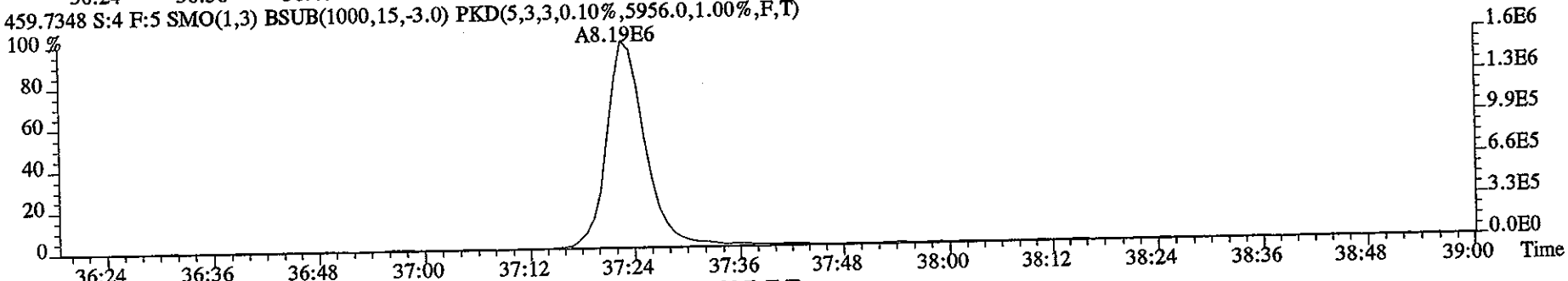
513.6775 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,3640.0,1.00%,F,T)



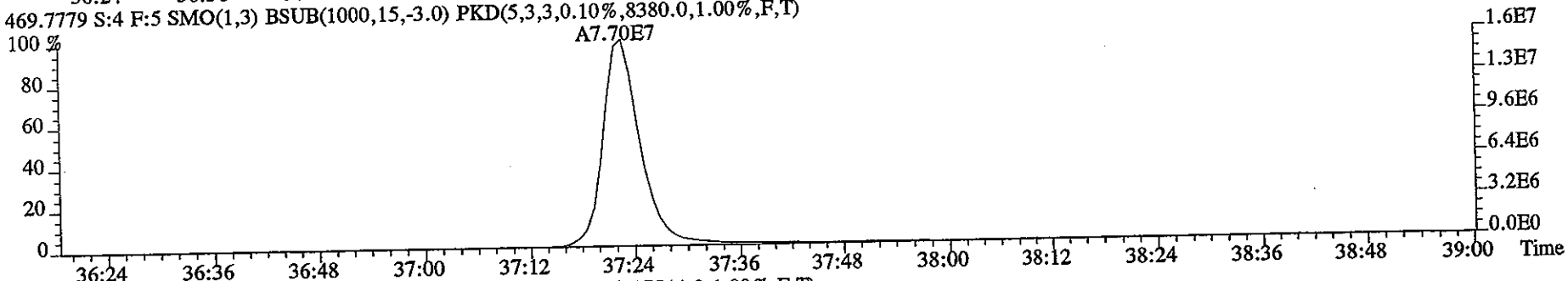
File:09DE051D5 #1-195 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
457.7377 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7212.0,1.00%,F,T)



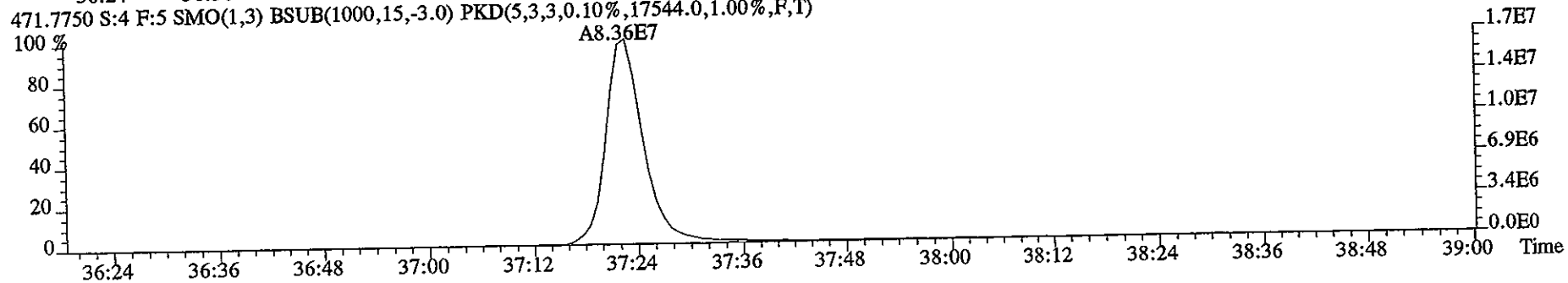
459.7348 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5956.0,1.00%,F,T)



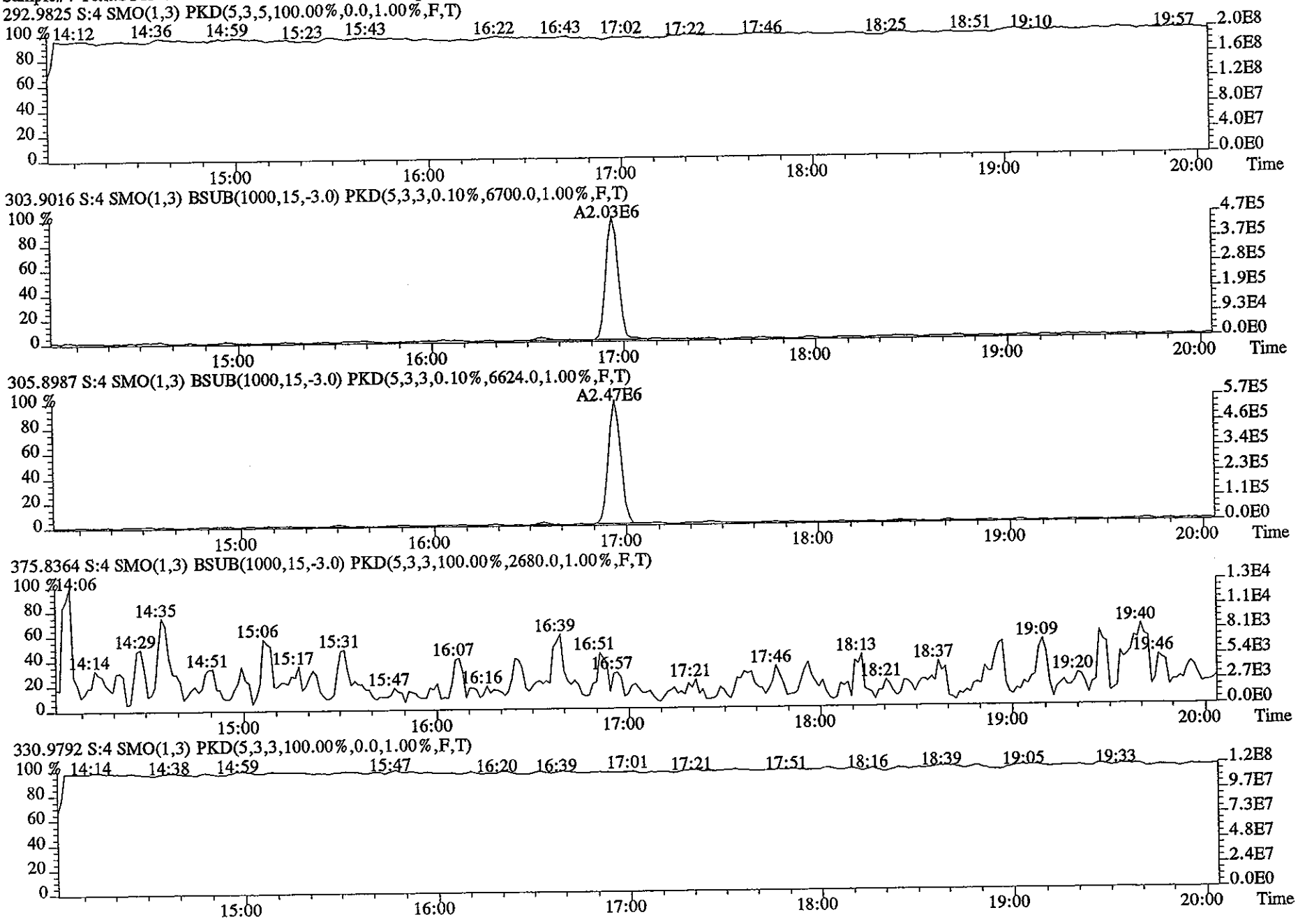
469.7779 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8380.0,1.00%,F,T)



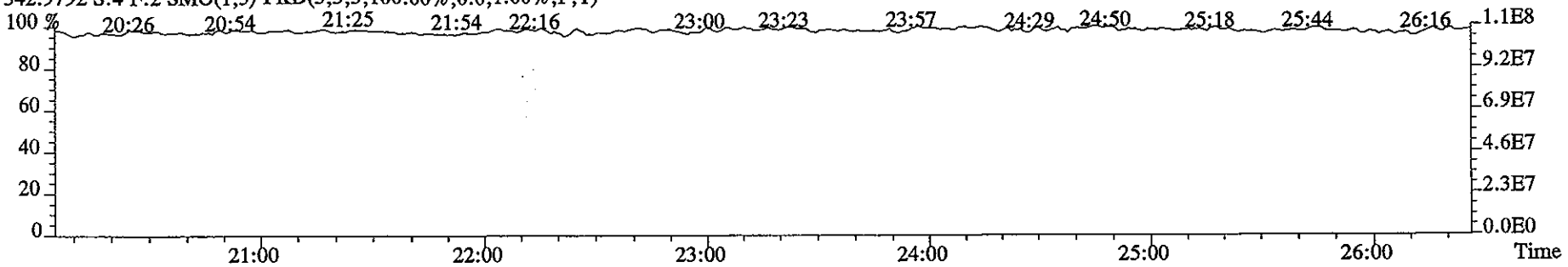
471.7750 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17544.0,1.00%,F,T)



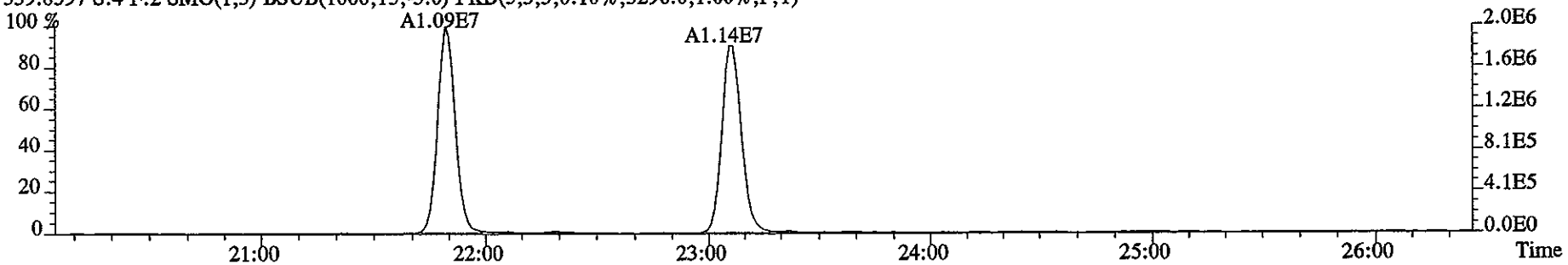
File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN



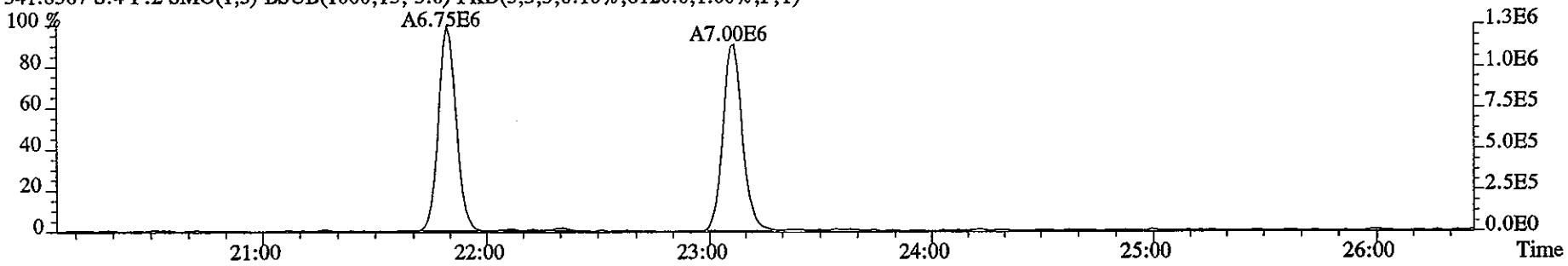
File:09DE051D5 #1-448 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
342.9792 S:4 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



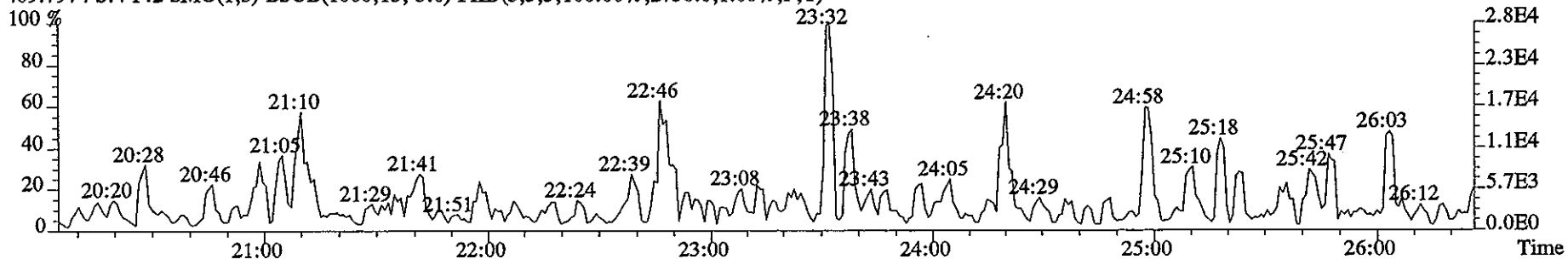
339.8597 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5296.0,1.00%,F,T)



341.8567 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8120.0,1.00%,F,T)

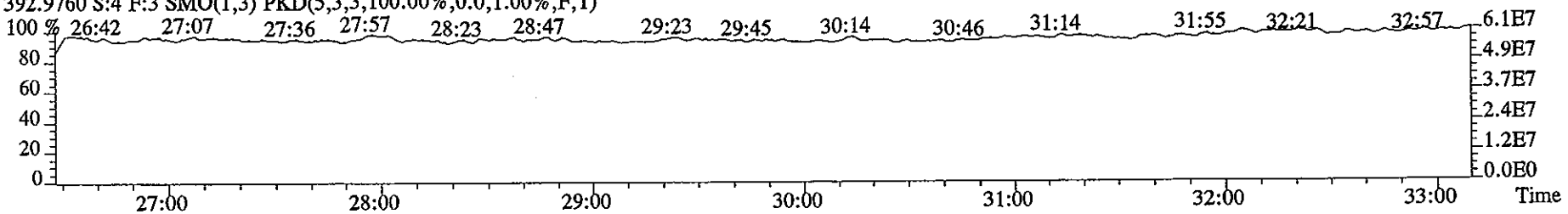


409.7974 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2756.0,1.00%,F,T)

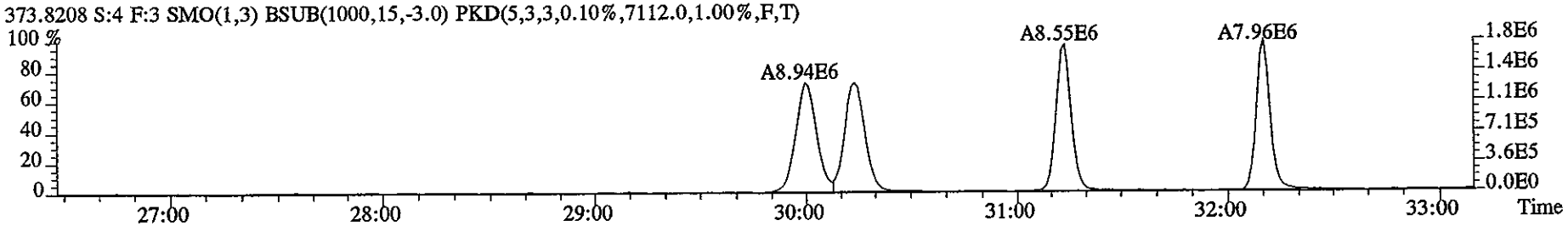


File:09DE051D5 #1-450 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN

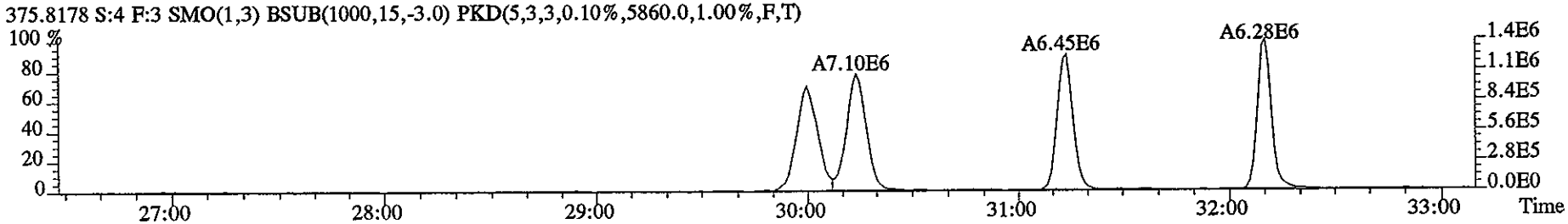
392.9760 S:4 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



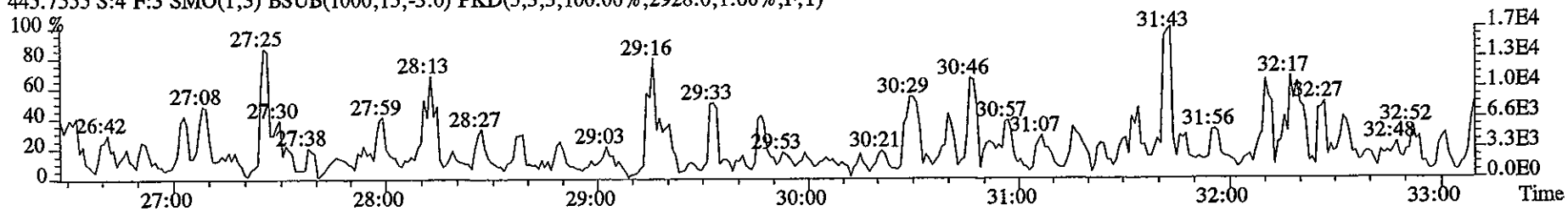
373.8208 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7112.0,1.00%,F,T)



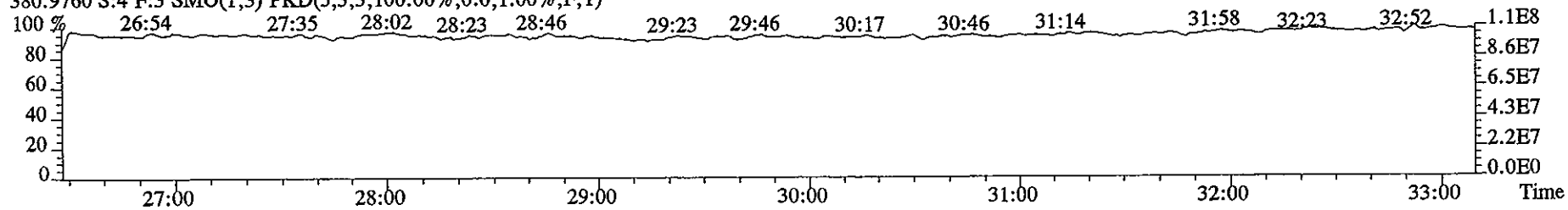
375.8178 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5860.0,1.00%,F,T)



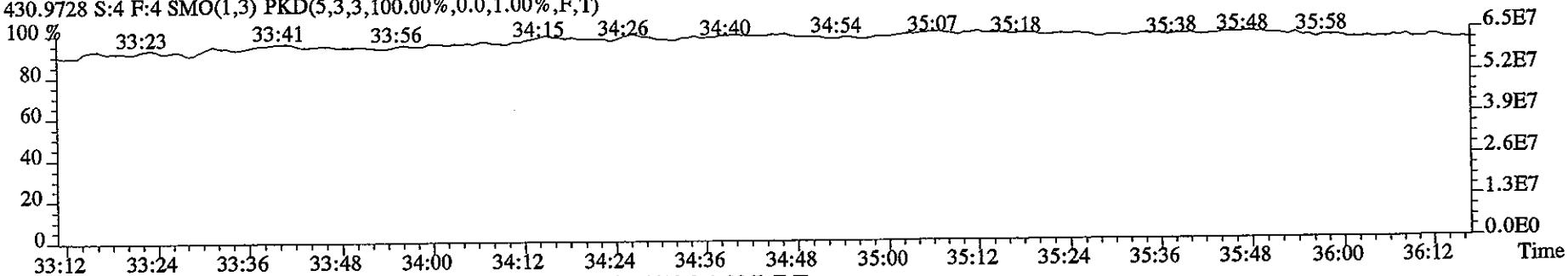
445.7555 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2928.0,1.00%,F,T)



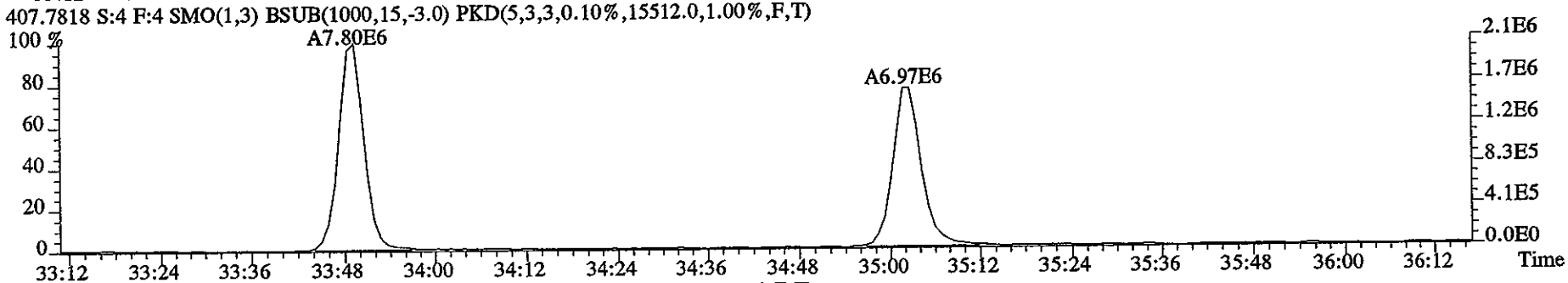
380.9760 S:4 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



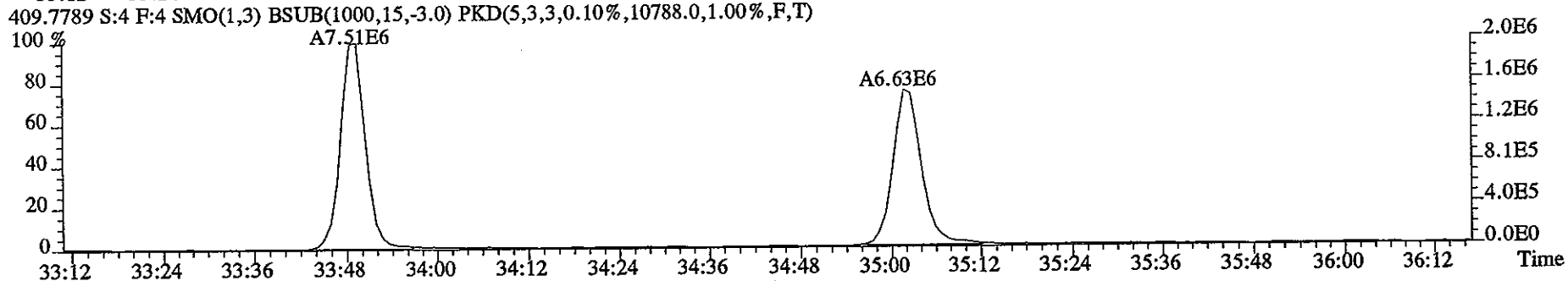
File:09DE051D5 #1-219 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
430.9728 S:4 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



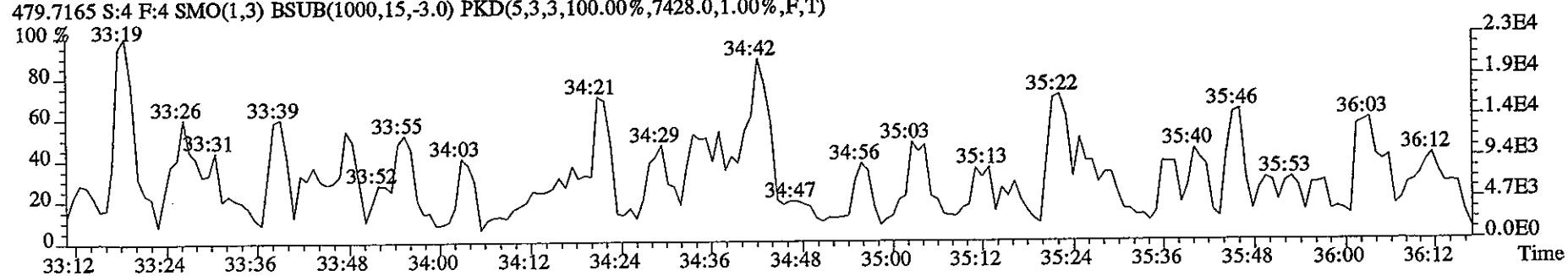
407.7818 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15512.0,1.00%,F,T)



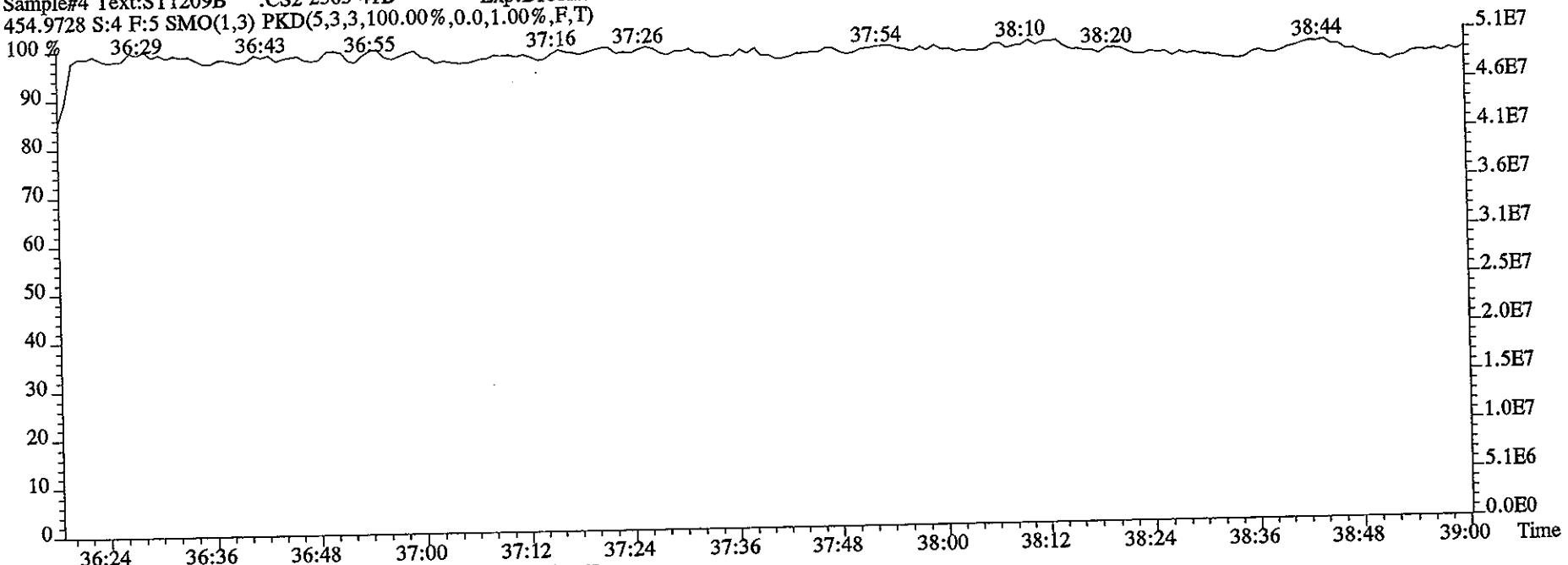
409.7789 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10788.0,1.00%,F,T)



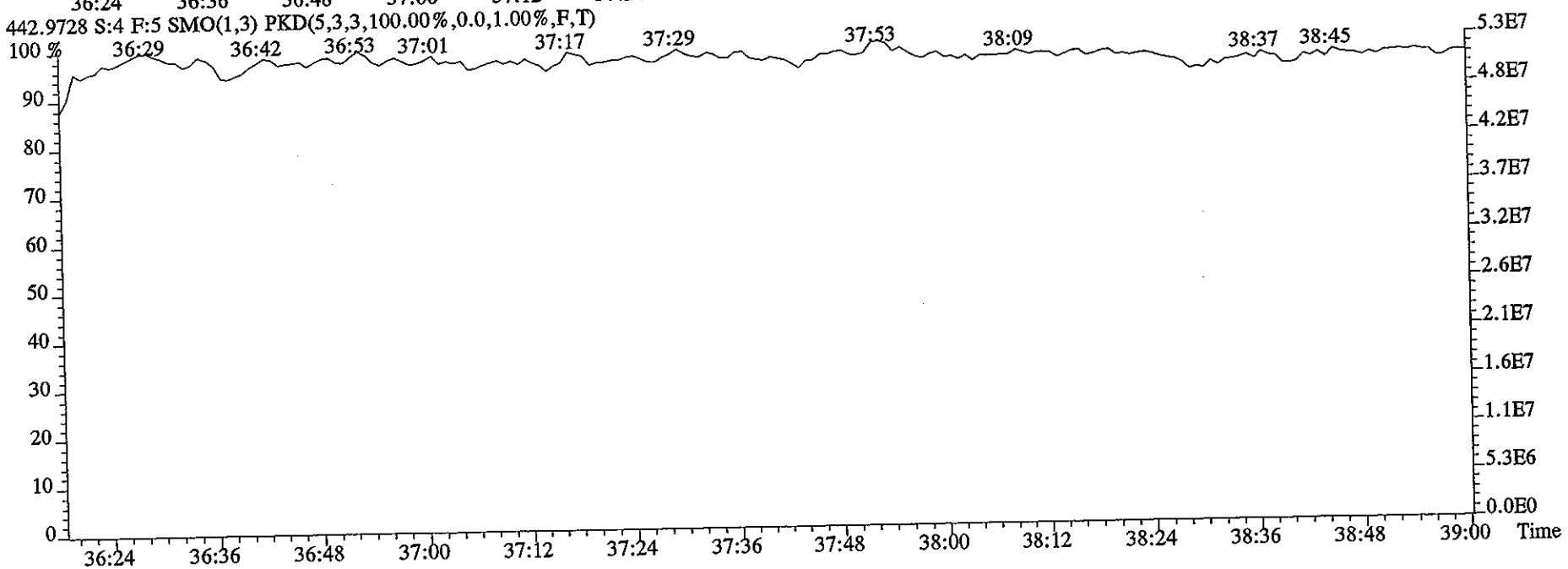
479.7165 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7428.0,1.00%,F,T)



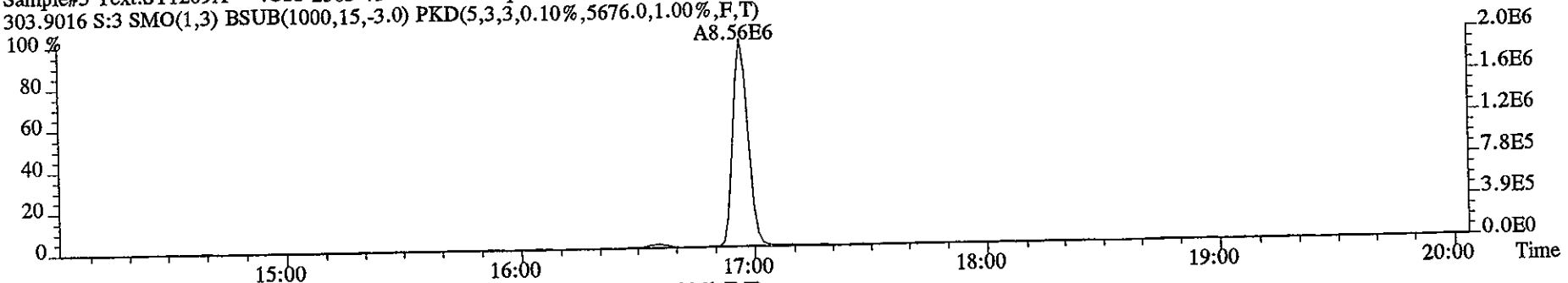
File:09DE051D5 #1-195 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
454.9728 S:4 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



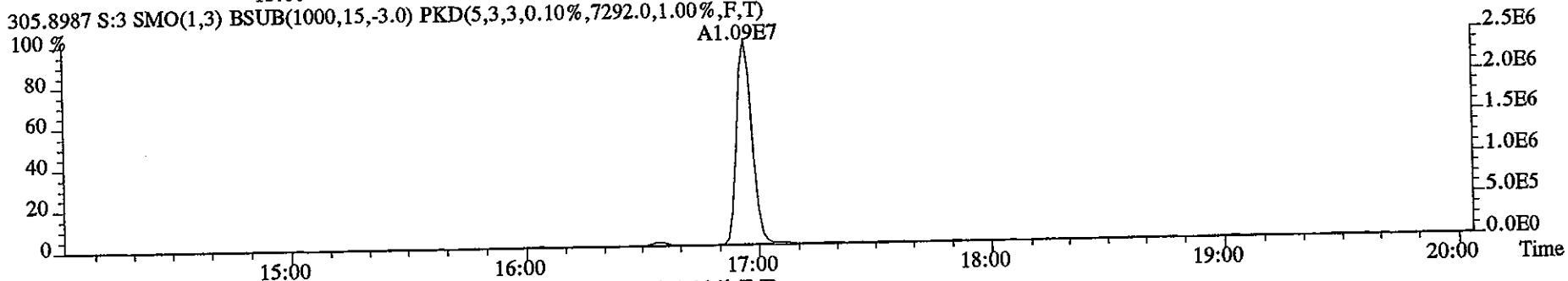
442.9728 S:4 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



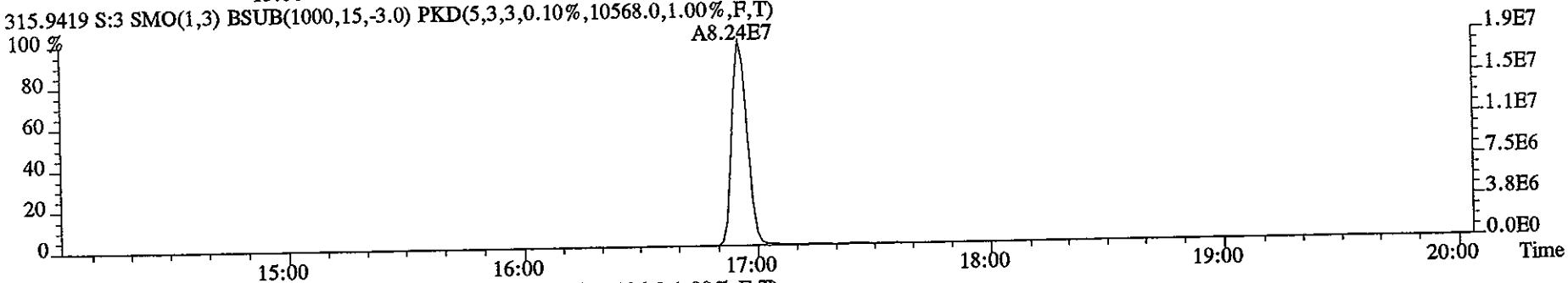
File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5676.0,1.00%,F,T)



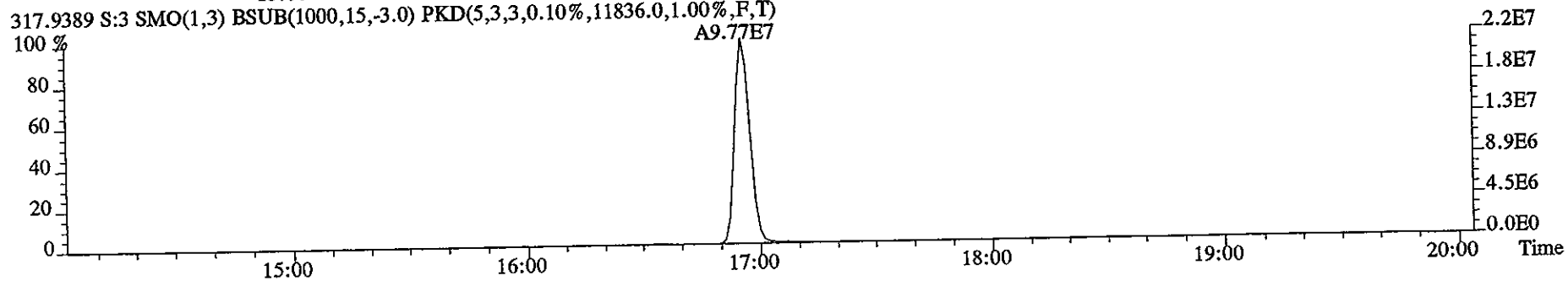
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7292.0,1.00%,F,T)



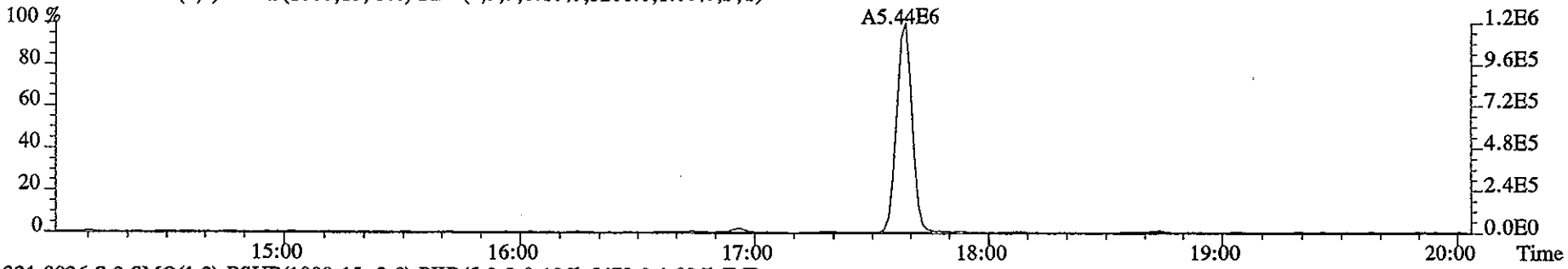
315.9419 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10568.0,1.00%,F,T)



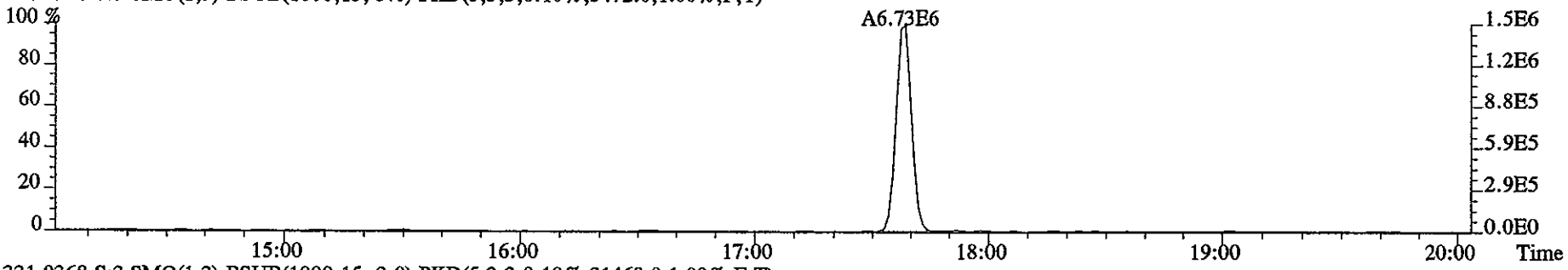
317.9389 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11836.0,1.00%,F,T)



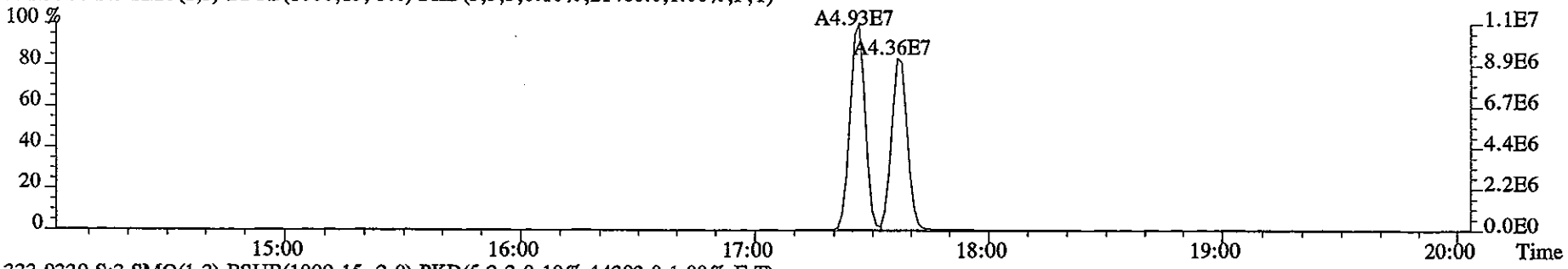
File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
319.8965 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5208.0,1.00%,F,T)



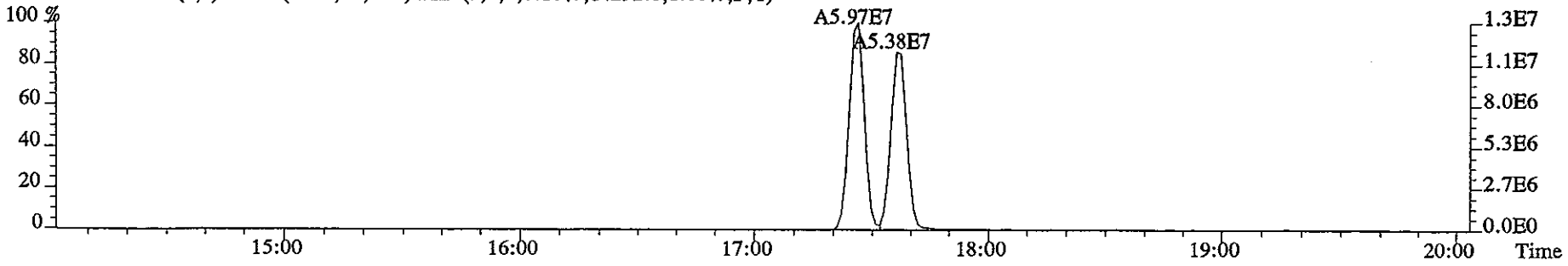
321.8936 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5472.0,1.00%,F,T)



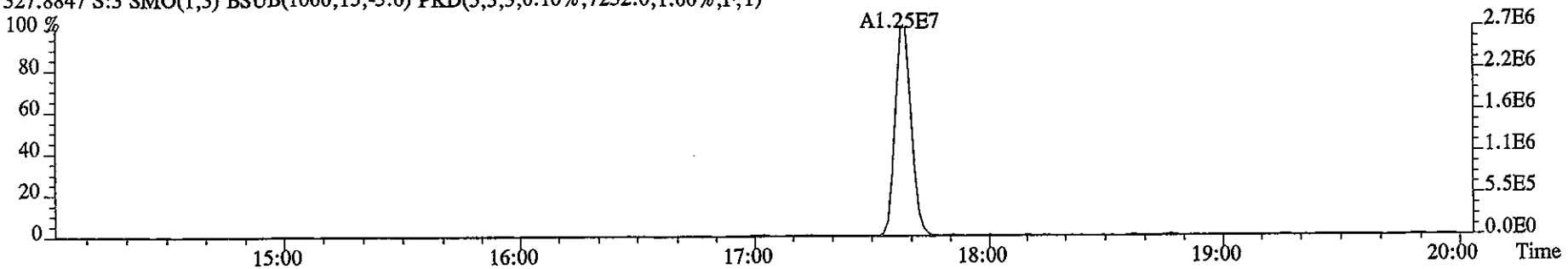
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21468.0,1.00%,F,T)



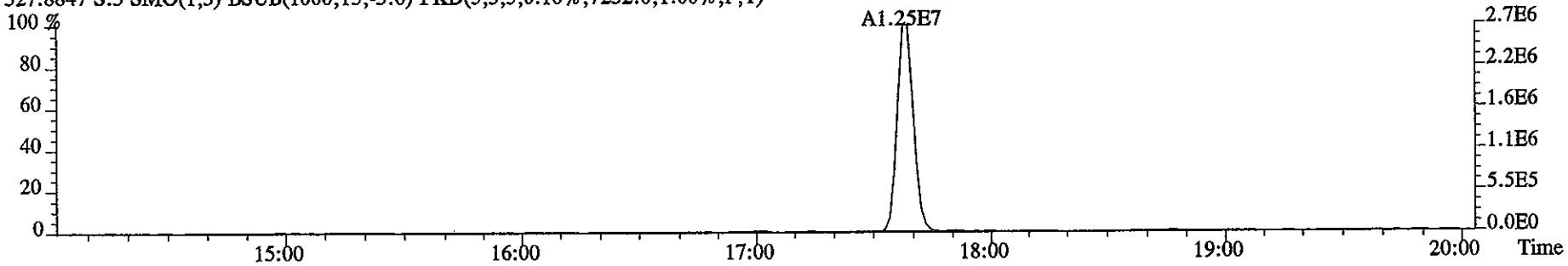
333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14292.0,1.00%,F,T)



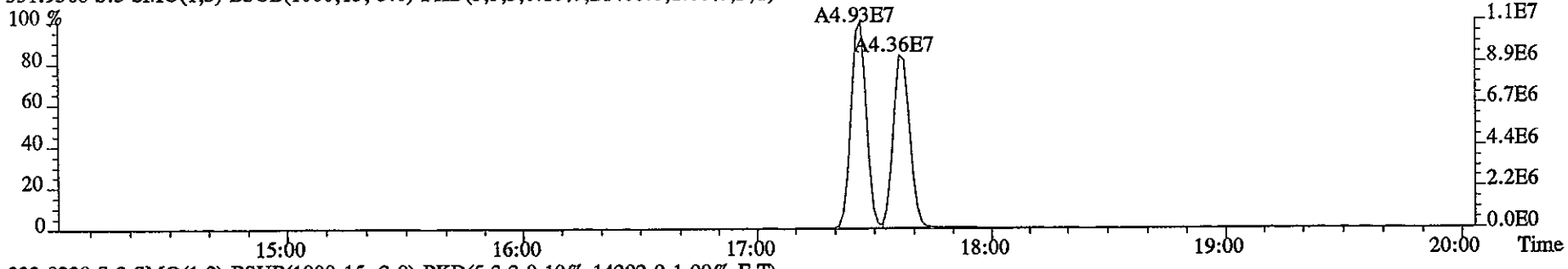
File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7232.0,1.00%,F,T)



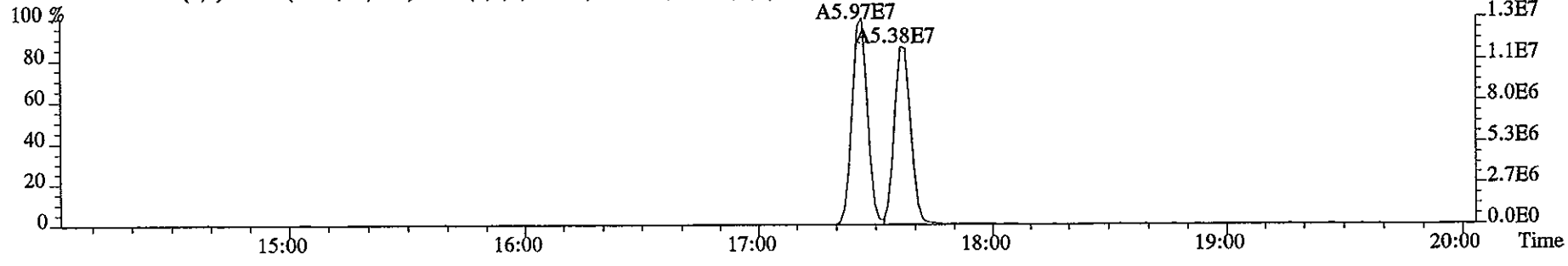
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7232.0,1.00%,F,T)



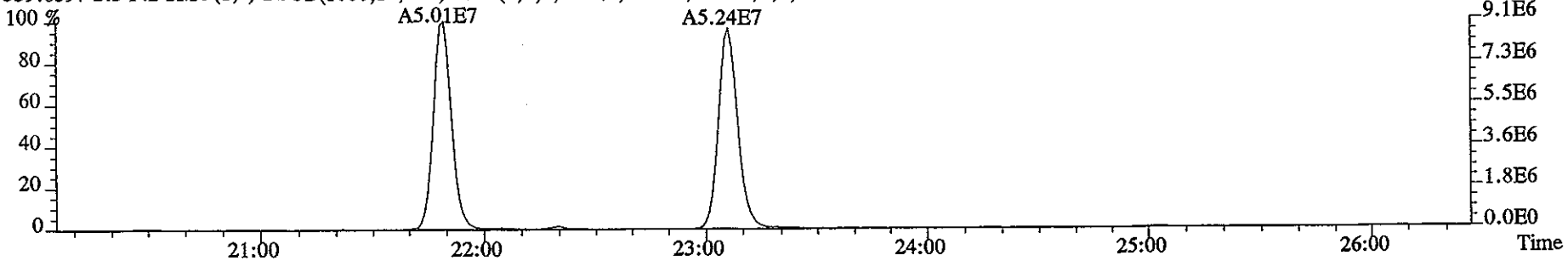
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21468.0,1.00%,F,T)



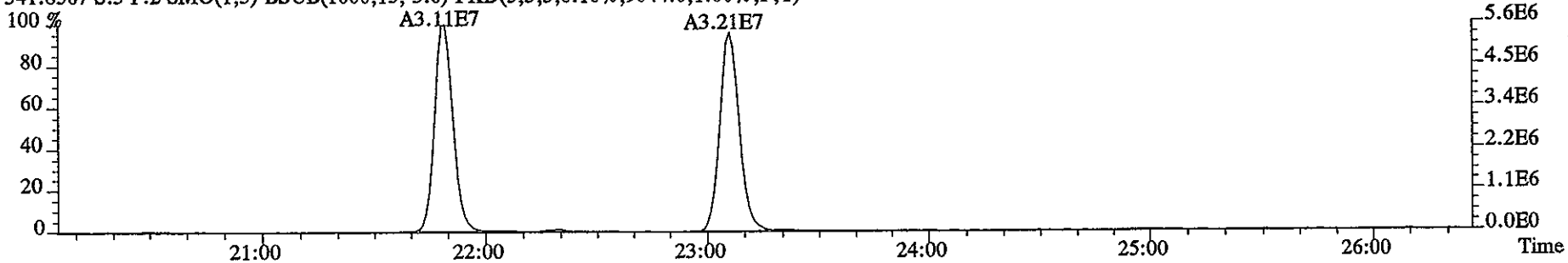
333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14292.0,1.00%,F,T)



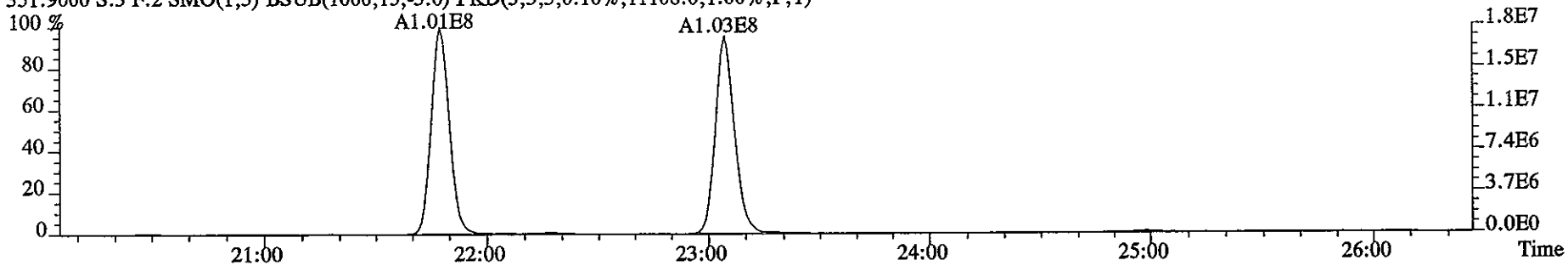
File:09DE051D5 #1-448 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5240.0,1.00%,F,T)



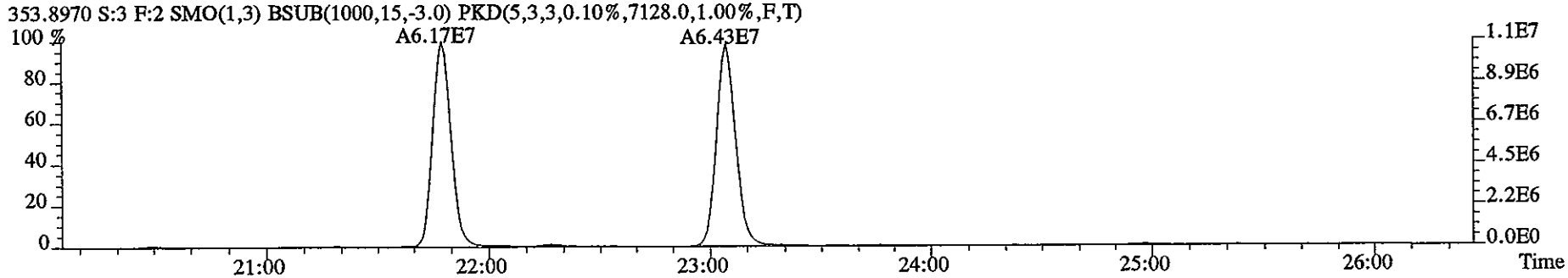
341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9044.0,1.00%,F,T)



351.9000 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11108.0,1.00%,F,T)

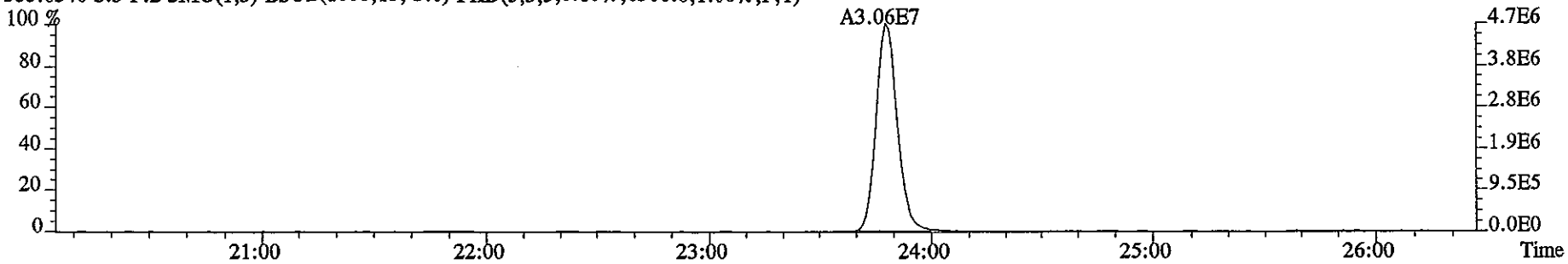


353.8970 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7128.0,1.00%,F,T)

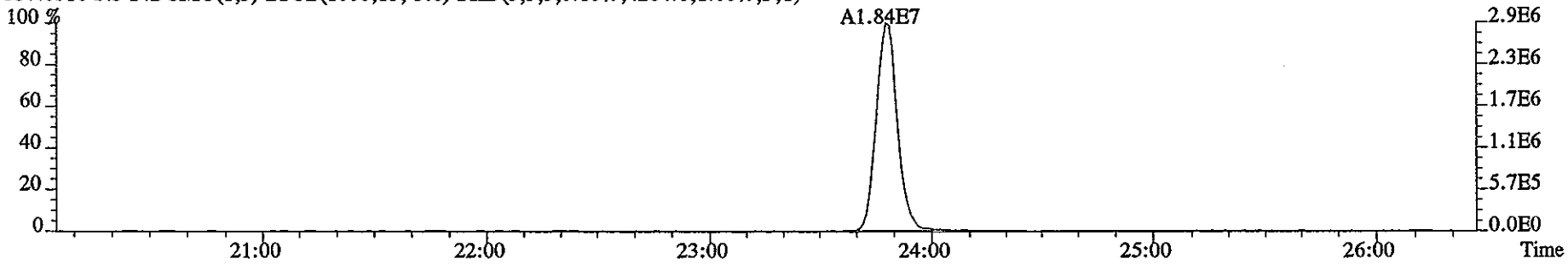


File:09DE051D5 #1-448 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN

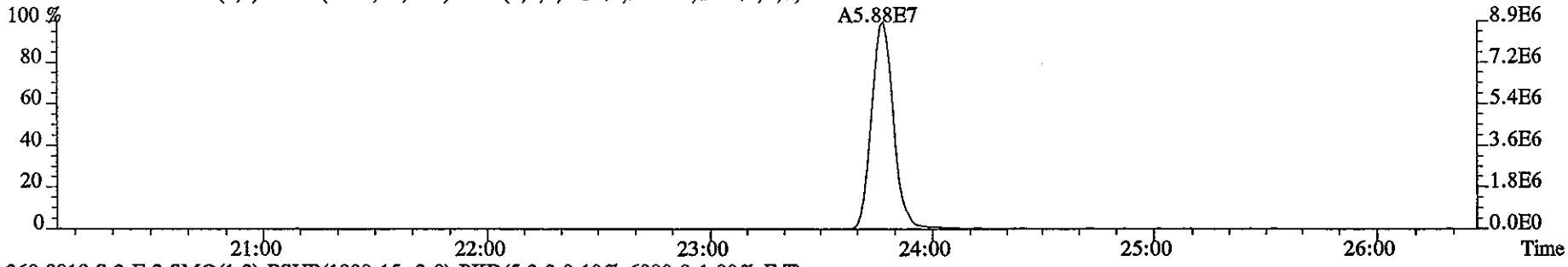
355.8546 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6308.0,1.00%,F,T)



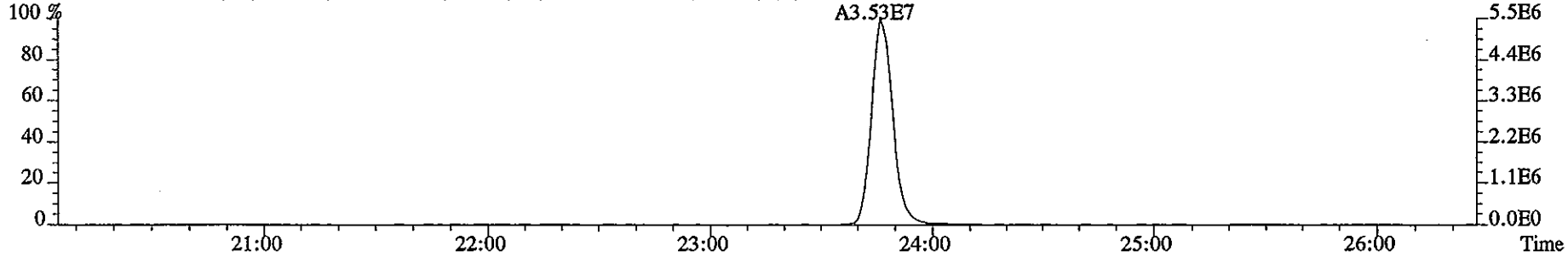
357.8516 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4284.0,1.00%,F,T)



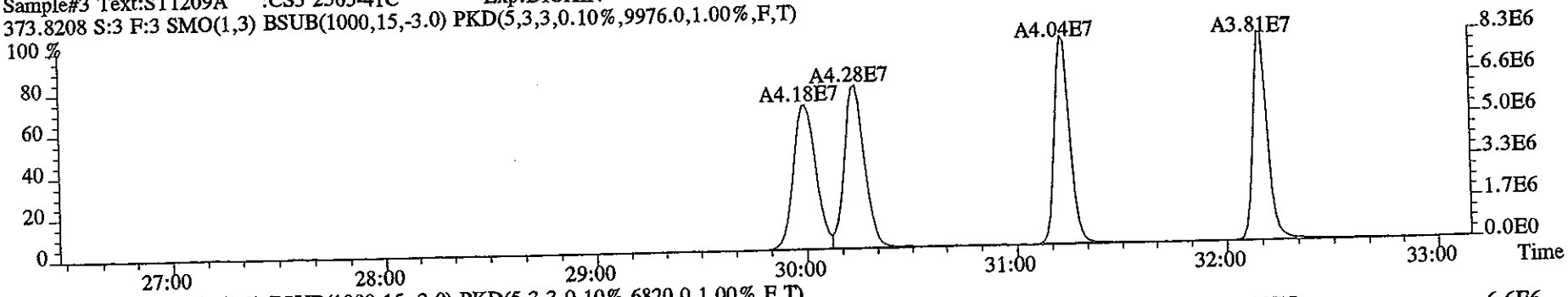
367.8949 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9832.0,1.00%,F,T)



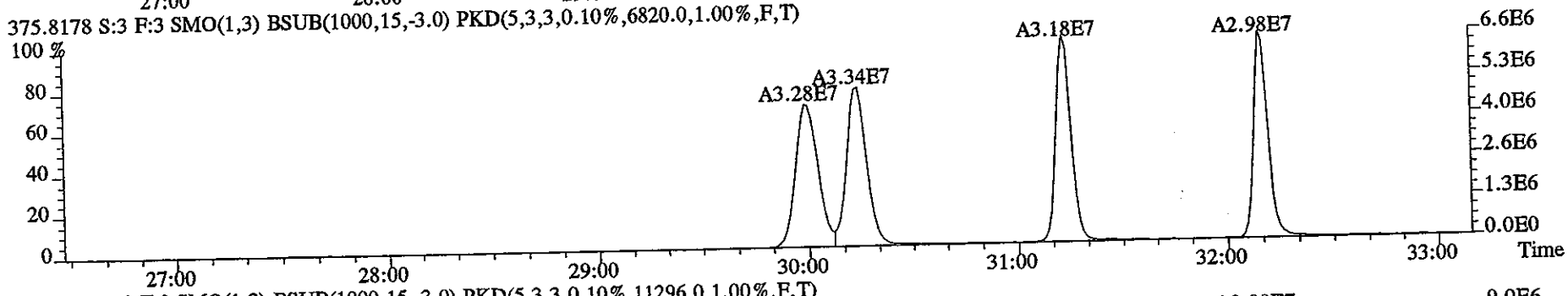
369.8919 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6080.0,1.00%,F,T)



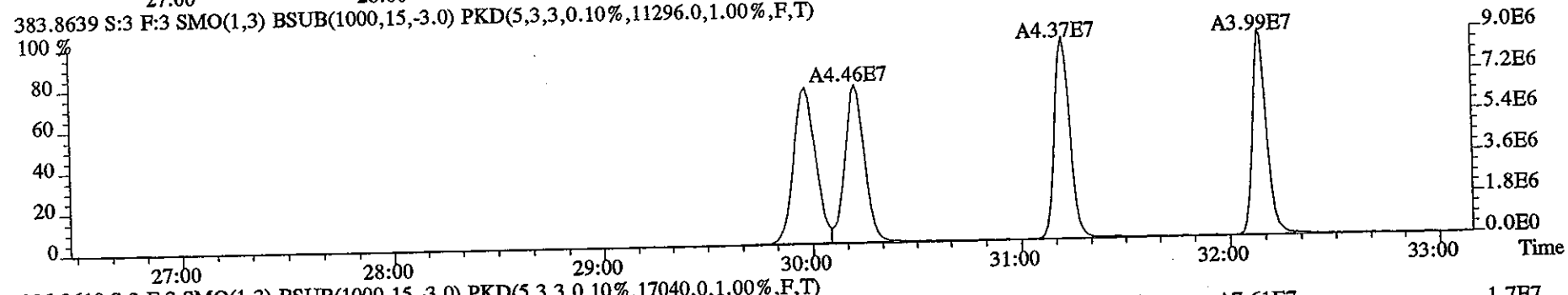
File:09DE051D5 #1-450 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
373.8208 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9976.0,1.00%,F,T)



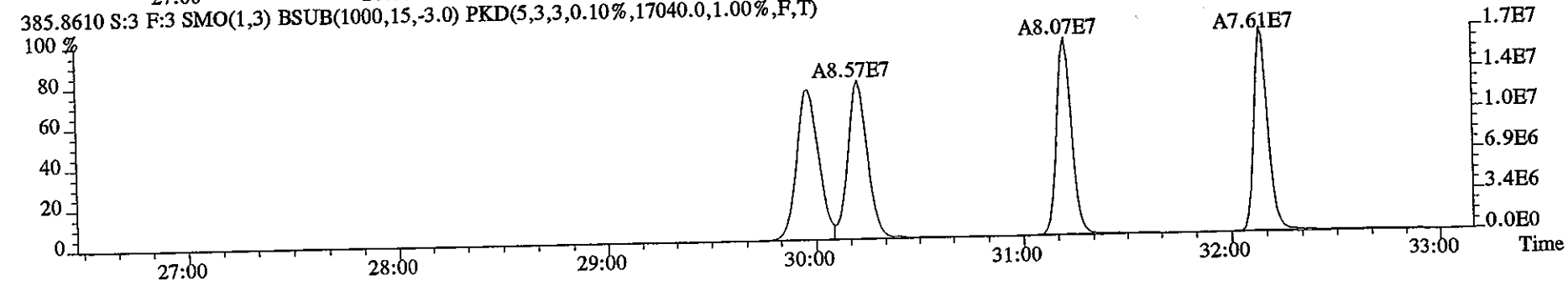
375.8178 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6820.0,1.00%,F,T)



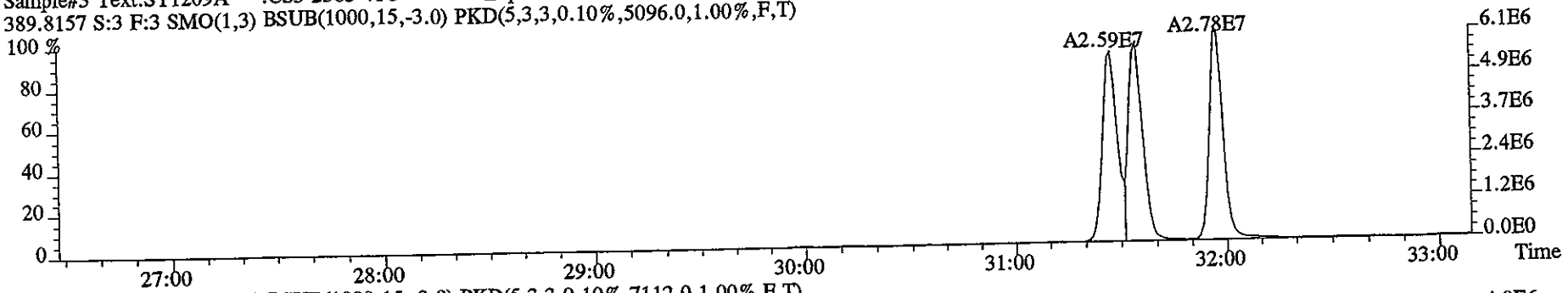
383.8639 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11296.0,1.00%,F,T)



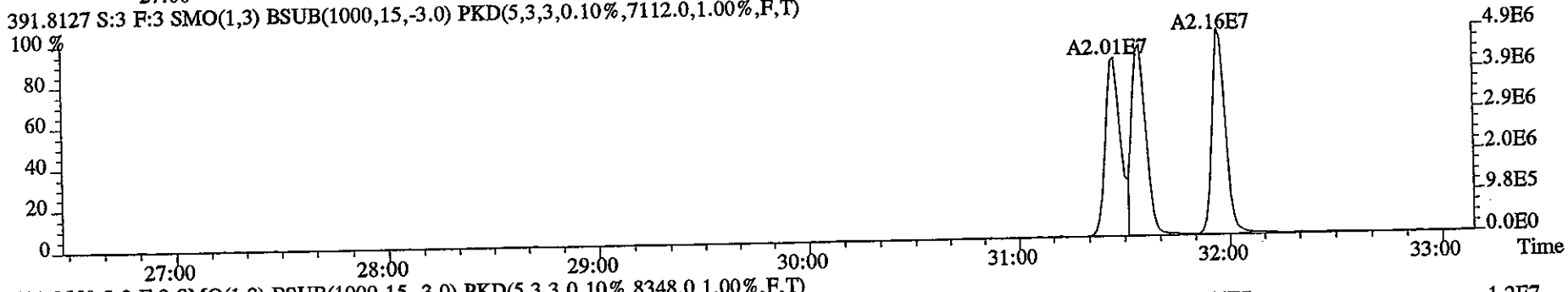
385.8610 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17040.0,1.00%,F,T)



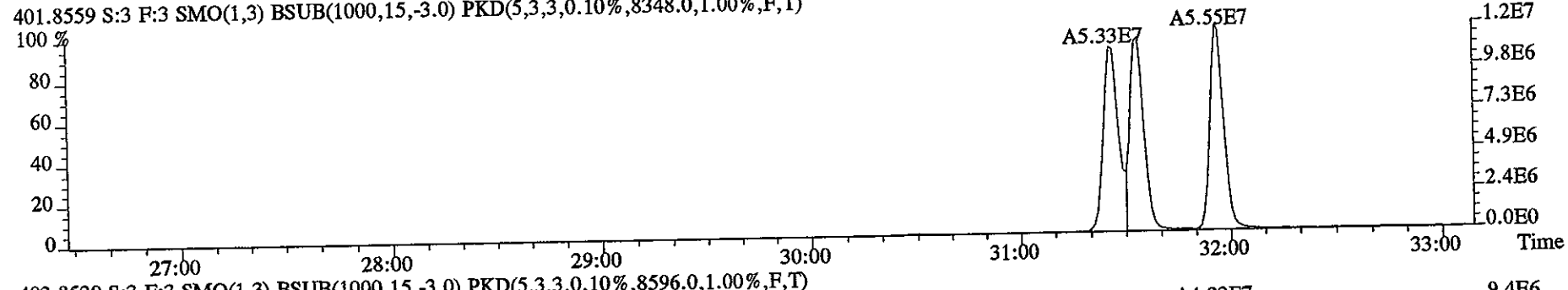
File:09DE051D5 #1-450 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
389.8157 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5096.0,1.00%,F,T)



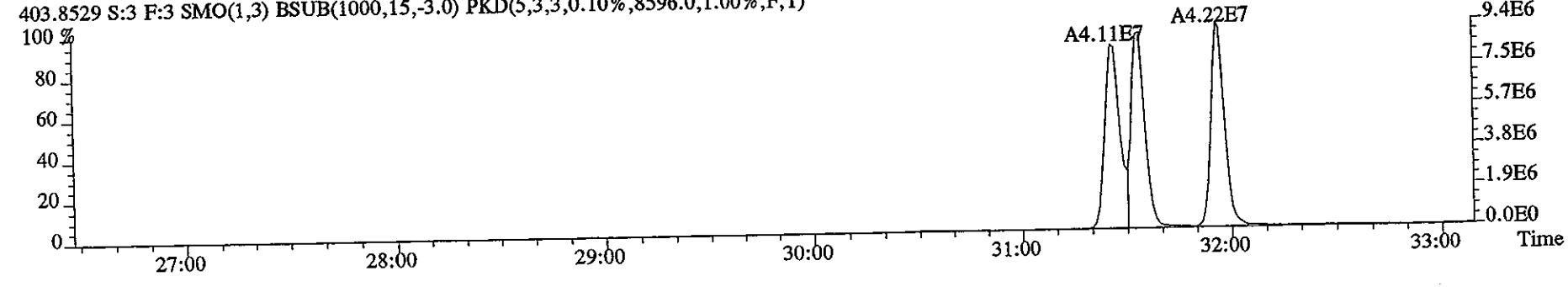
391.8127 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7112.0,1.00%,F,T)



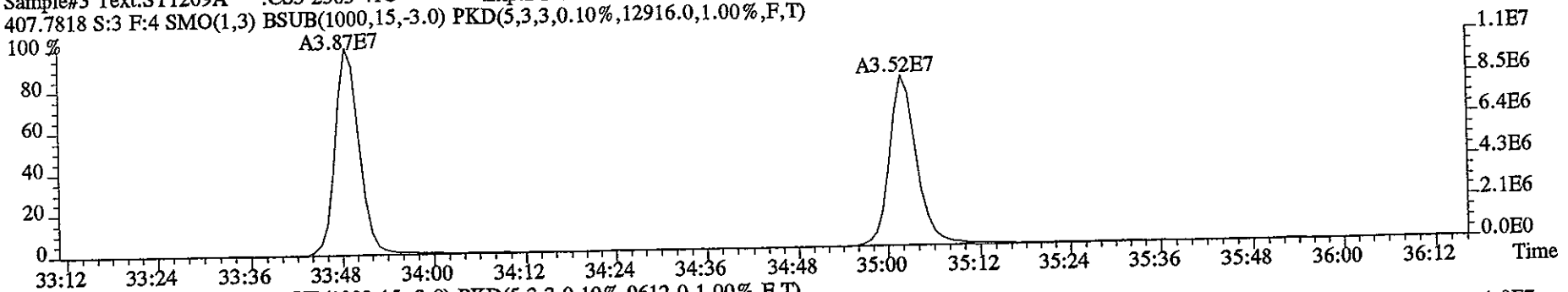
401.8559 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8348.0,1.00%,F,T)



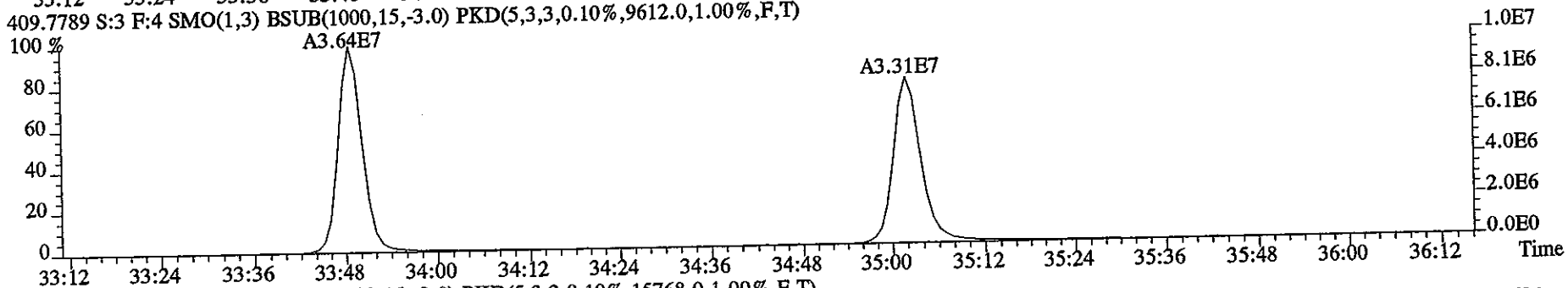
403.8529 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8596.0,1.00%,F,T)



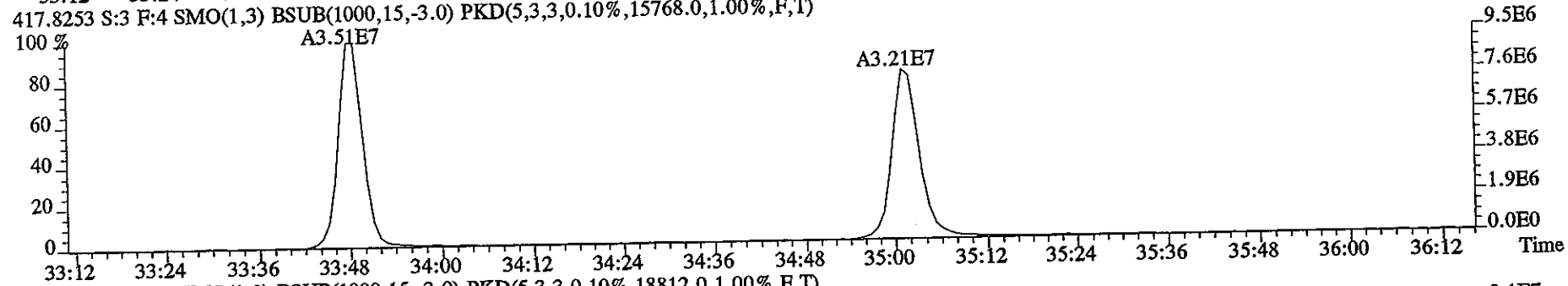
File:09DE051D5 #1-218 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12916.0,1.00%,F,T)



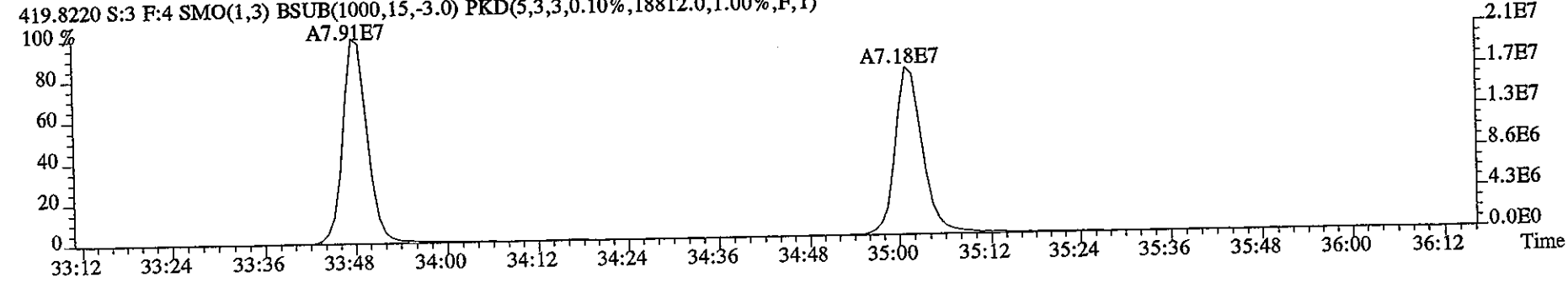
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9612.0,1.00%,F,T)



417.8253 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15768.0,1.00%,F,T)

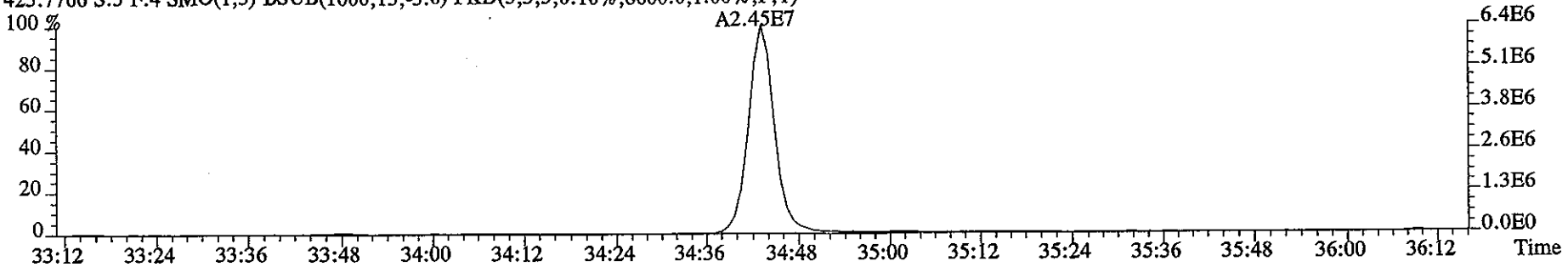


419.8220 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18812.0,1.00%,F,T)

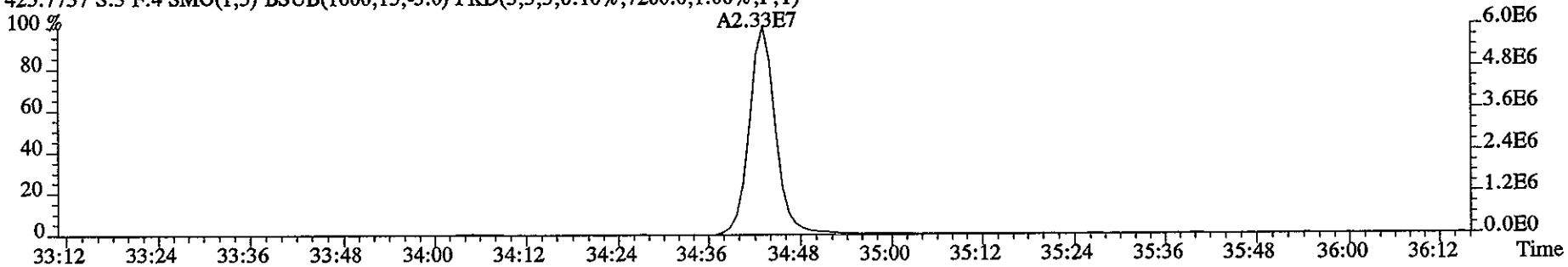


File:09DE051D5 #1-218 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN

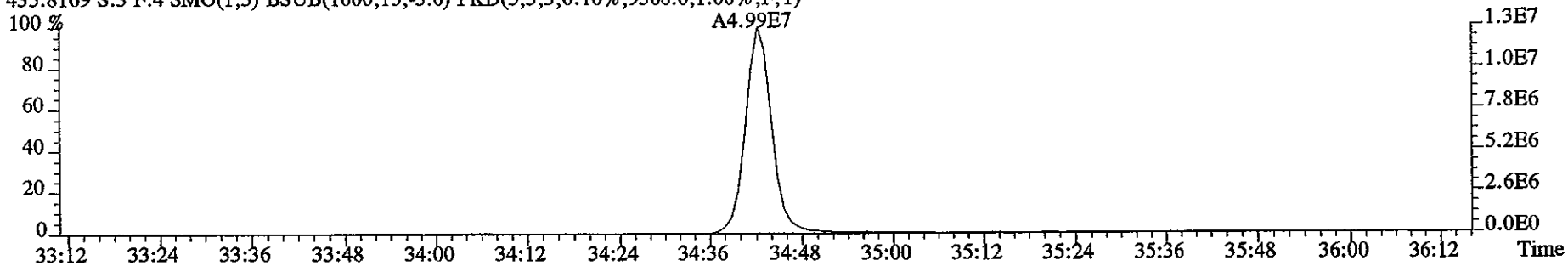
423.7766 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8600.0,1.00%,F,T)



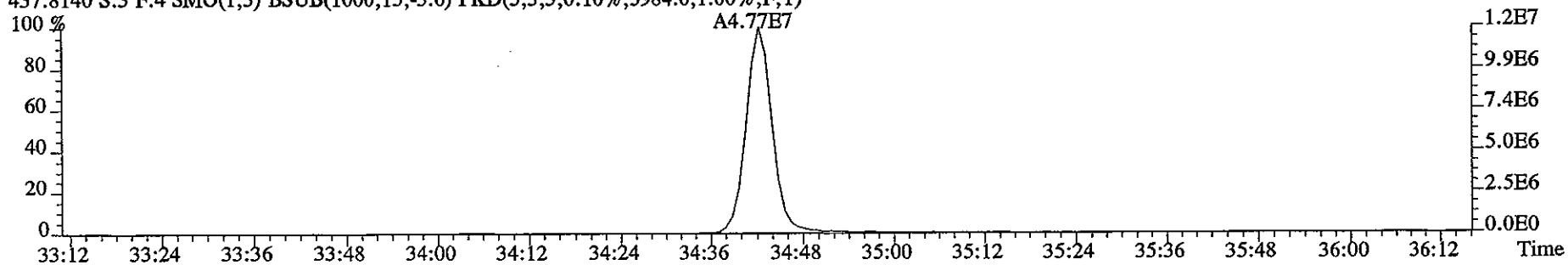
425.7737 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7200.0,1.00%,F,T)



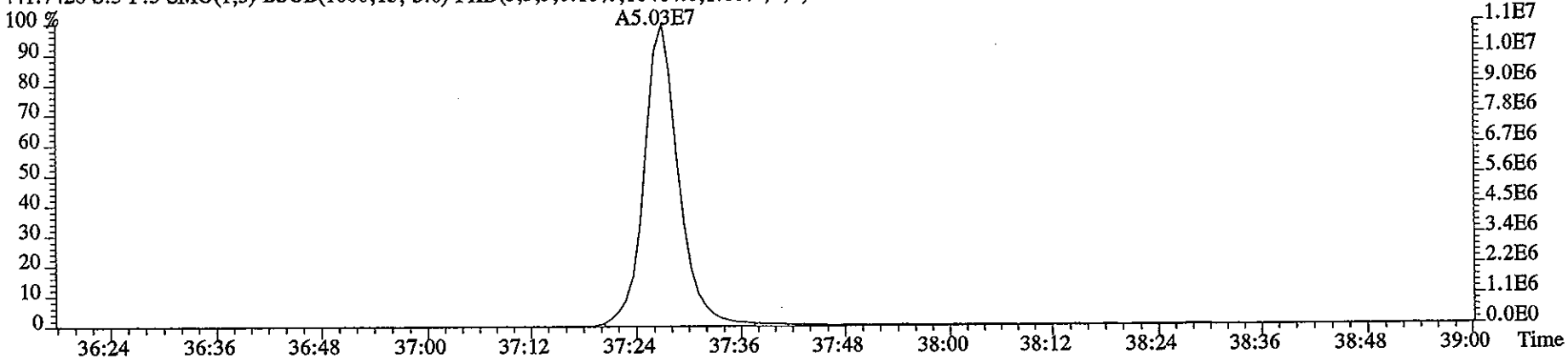
435.8169 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9368.0,1.00%,F,T)



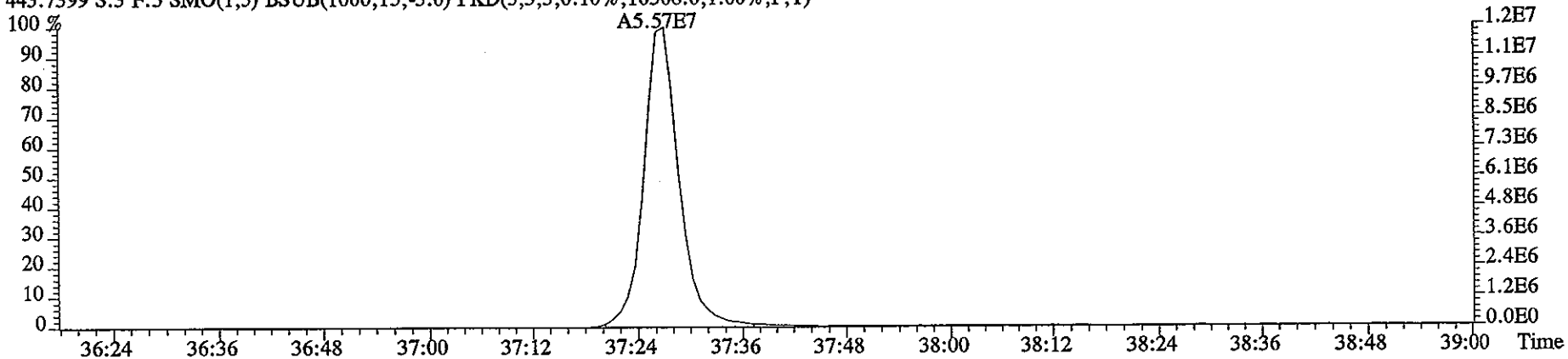
437.8140 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5984.0,1.00%,F,T)



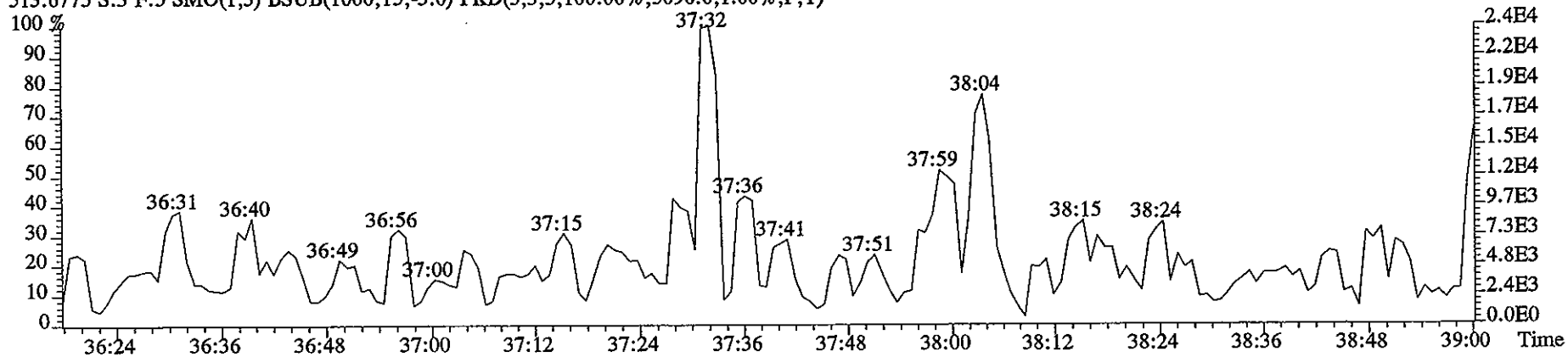
File:09DE051D5 #1-196 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
441.7428 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10464.0,1.00%,F,T)

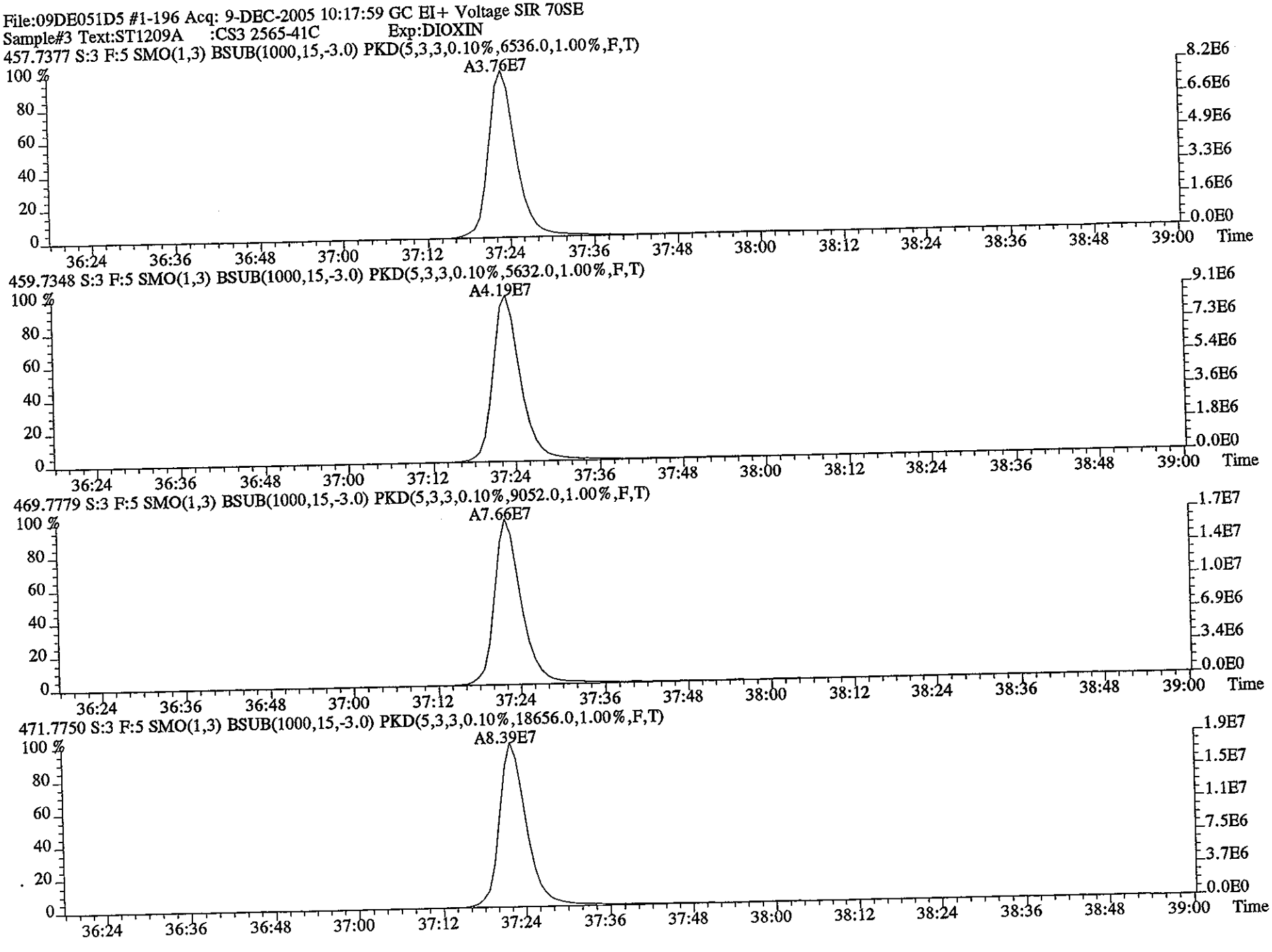


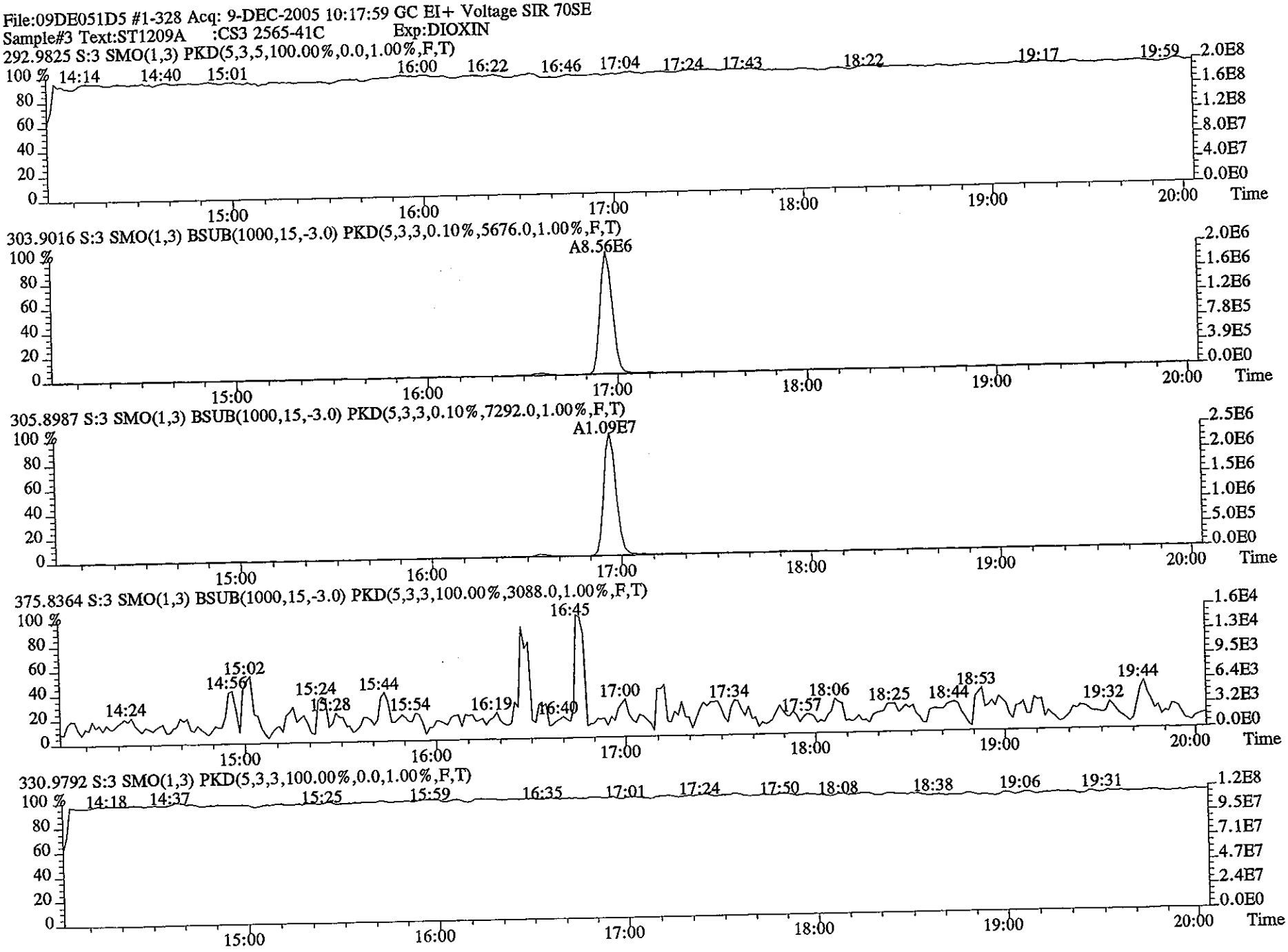
443.7399 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10308.0,1.00%,F,T)



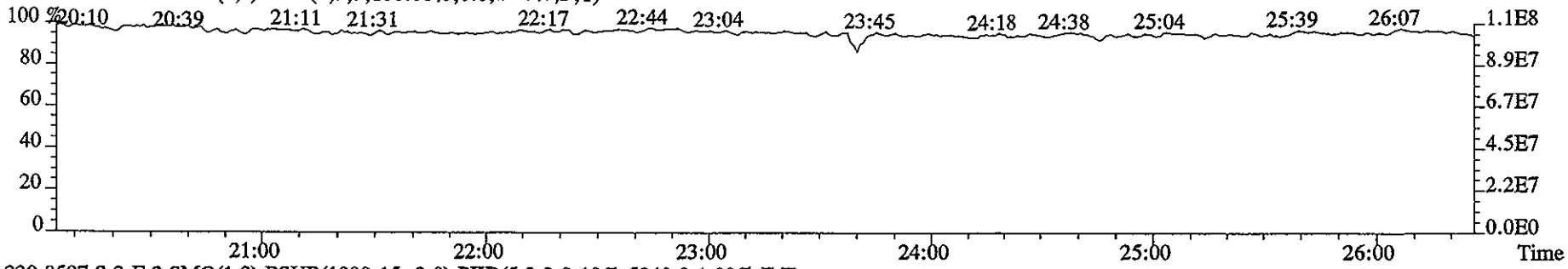
513.6775 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,5096.0,1.00%,F,T)



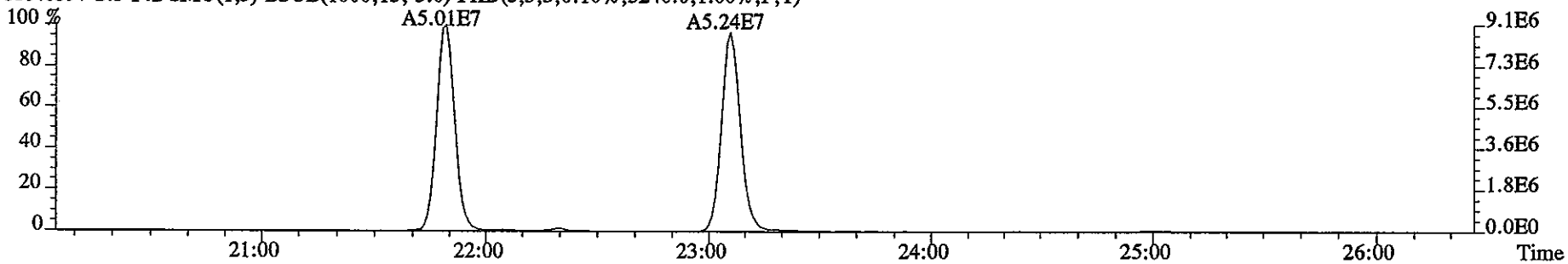



File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
292.9825 S:3 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5676.0,1.00%,F,T)
A8.56E6
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7292.0,1.00%,F,T)
A1.09E7
375.8364 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3088.0,1.00%,F,T)
330.9792 S:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)
Time

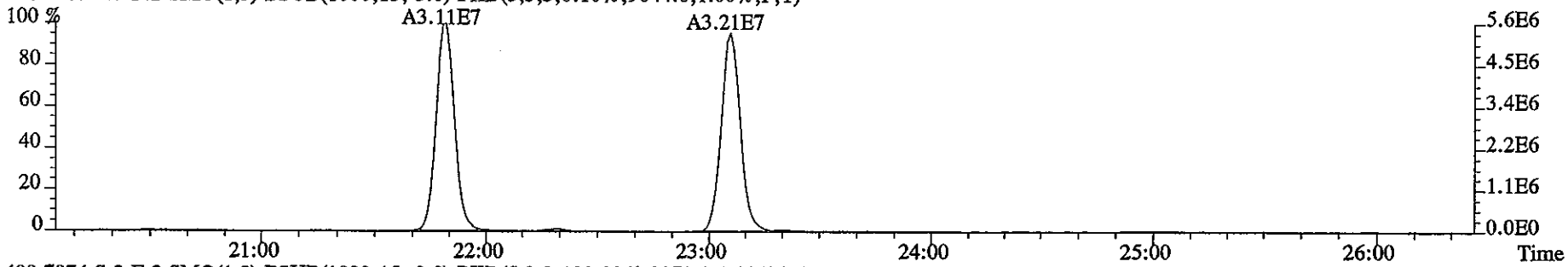
File:09DE051D5 #1-448 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
342.9792 S:3 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



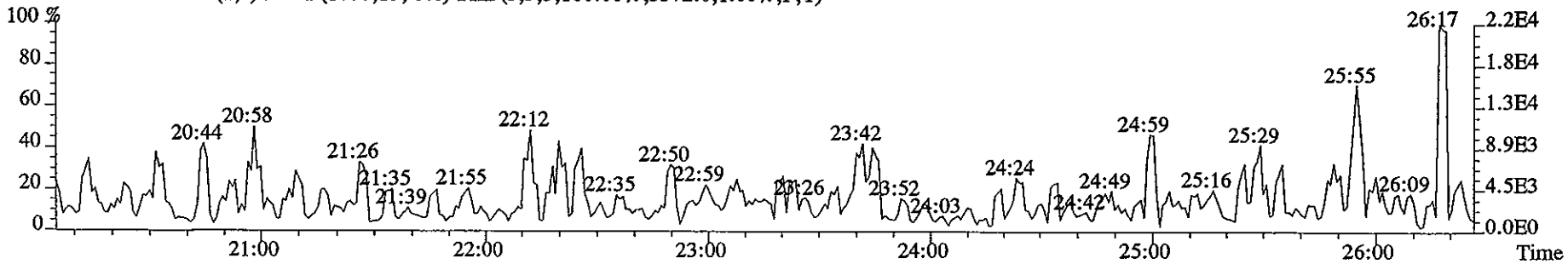
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5240.0,1.00%,F,T)



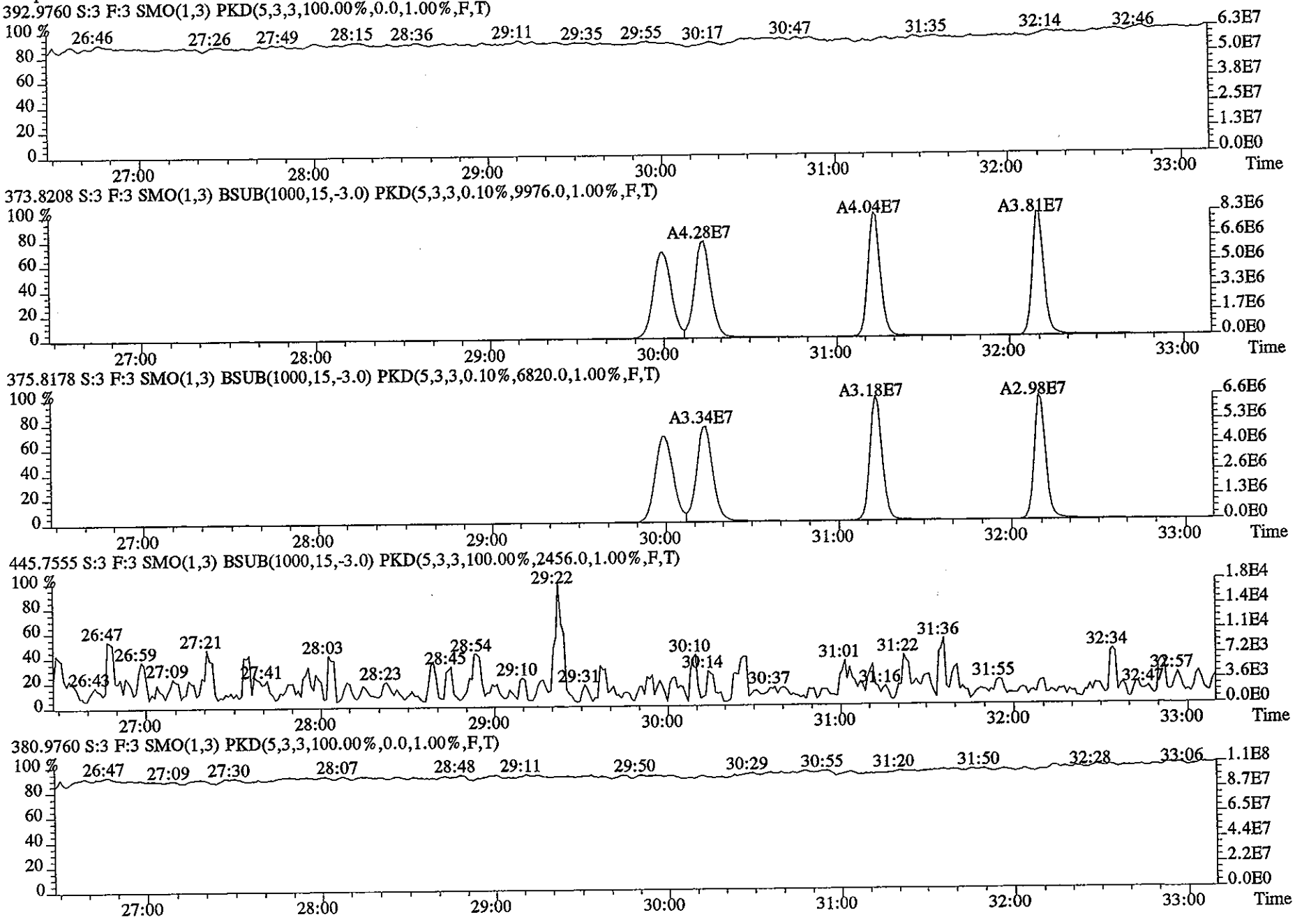
341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9044.0,1.00%,F,T)



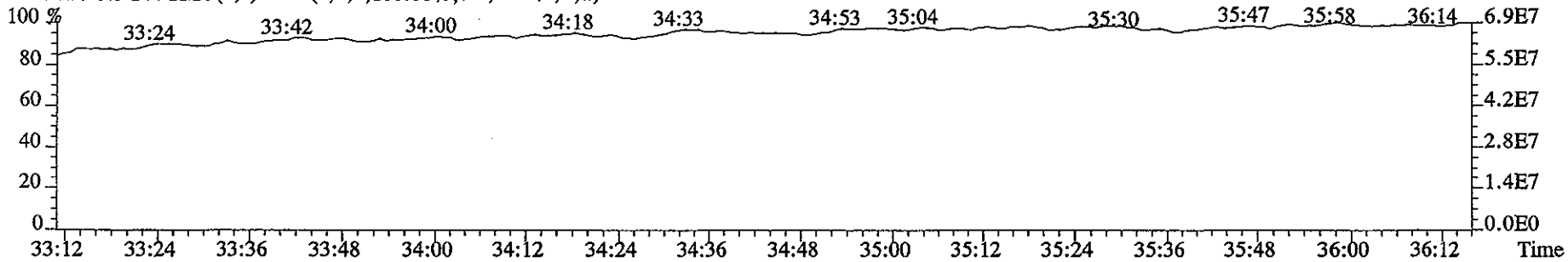
409.7974 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3372.0,1.00%,F,T)



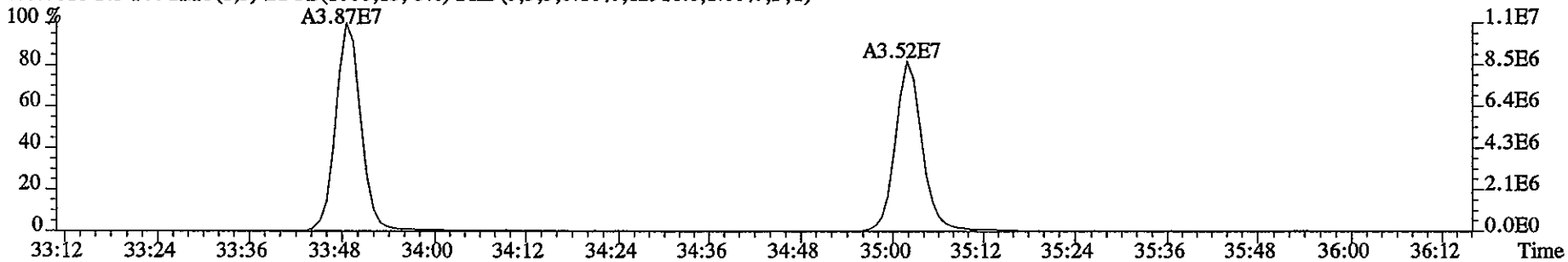
File:09DE051D5 #1-450 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN



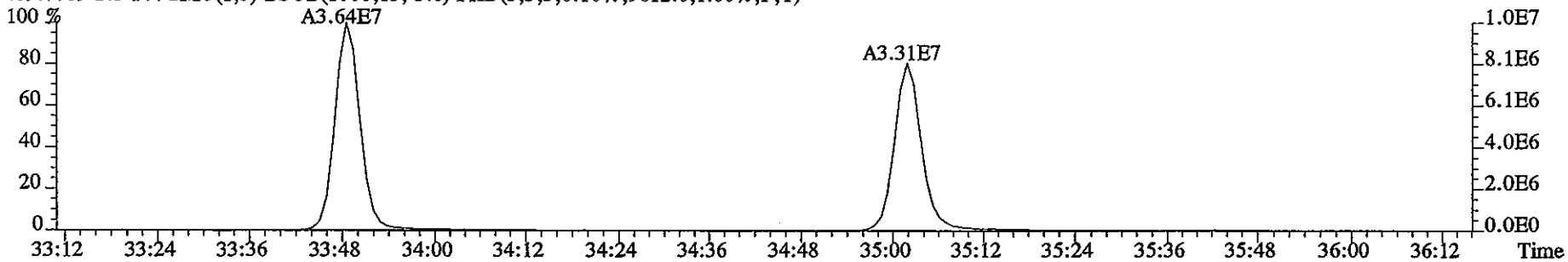
File:09DE051D5 #1-218 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
430.9728 S:3 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



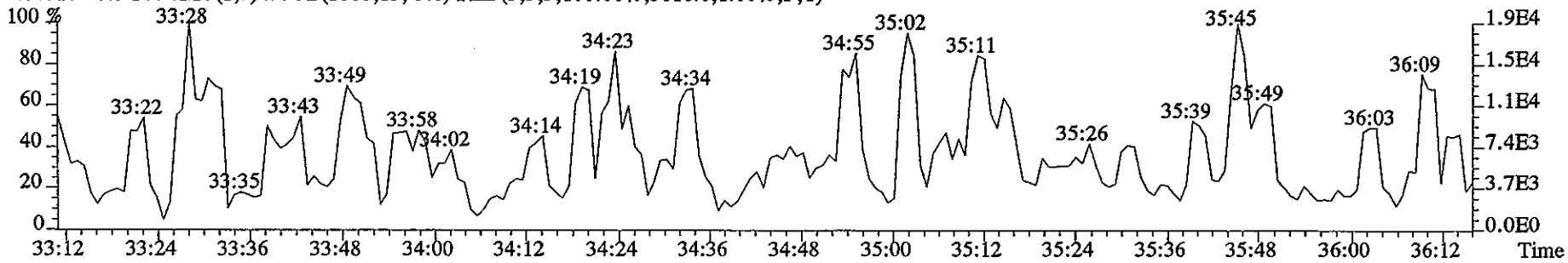
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12916.0,1.00%,F,T)



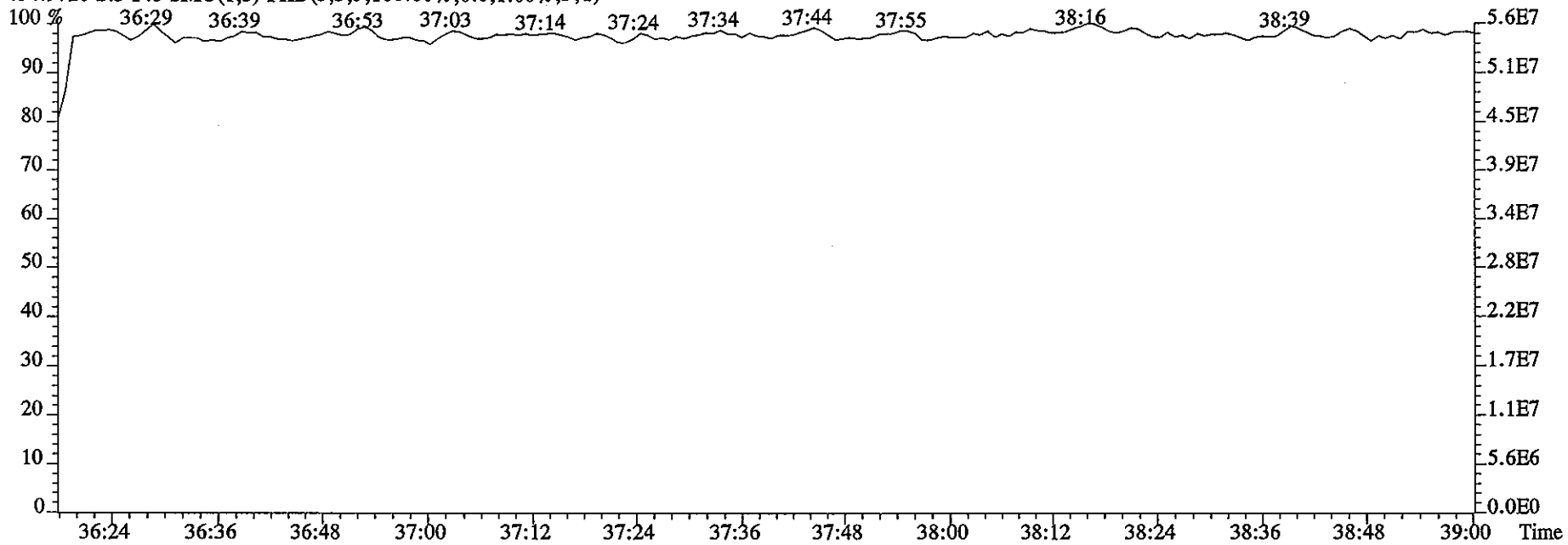
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9612.0,1.00%,F,T)



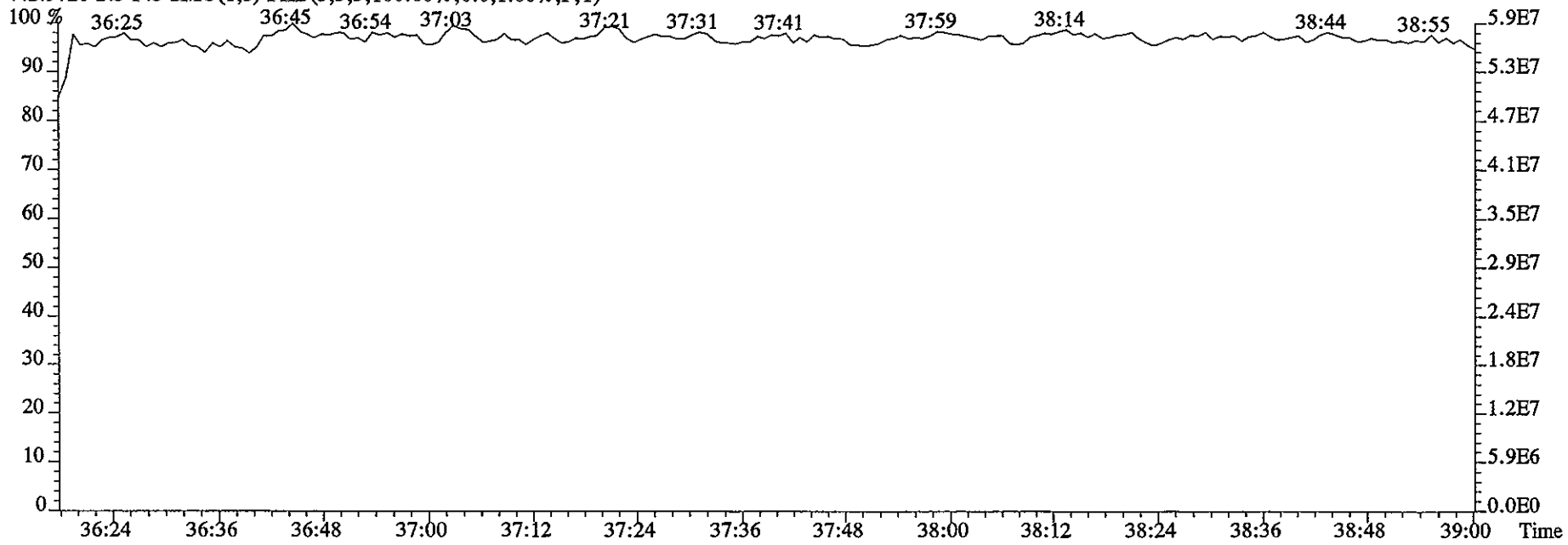
479.7165 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5816.0,1.00%,F,T)



File:09DE051D5 #1-196 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
454.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

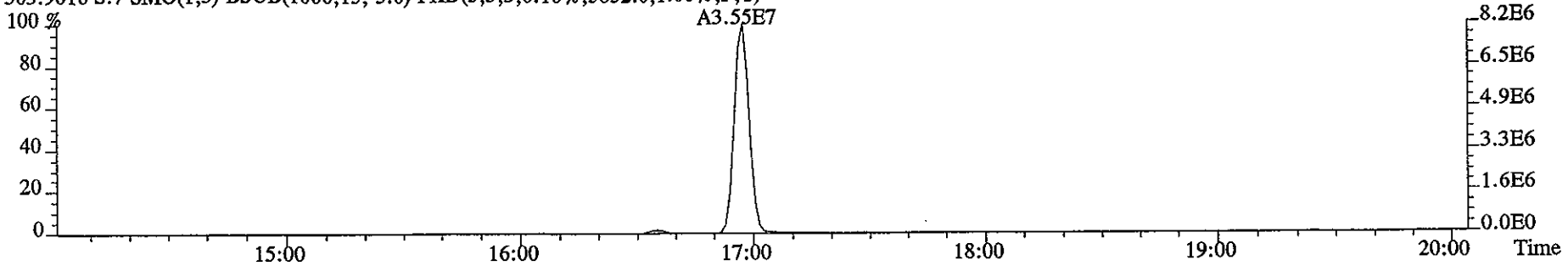


442.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

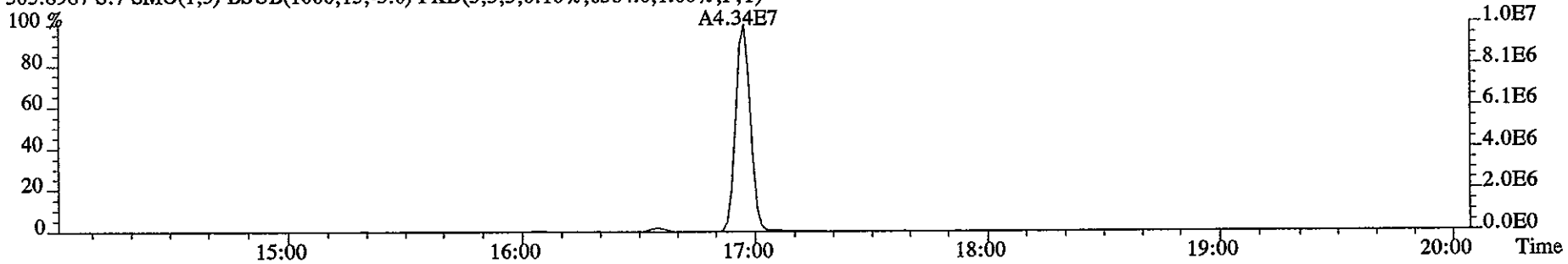


File:09DE051D5 #1-329 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN

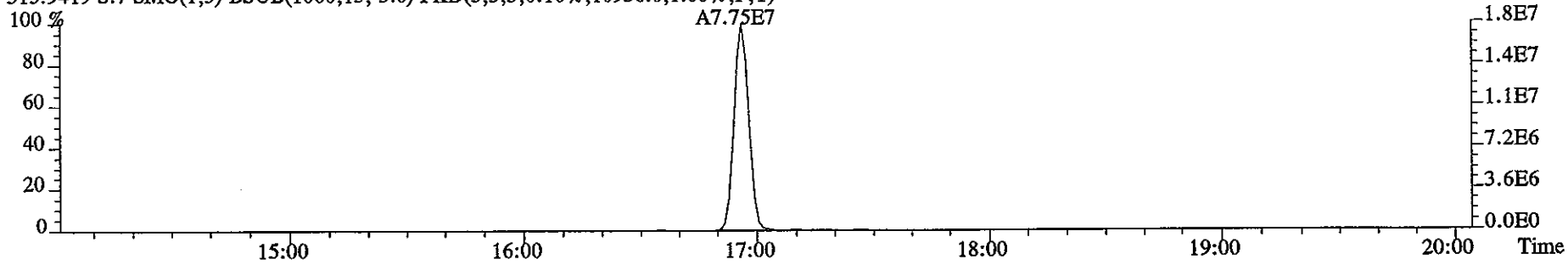
303.9016 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5852.0,1.00%,F,T)



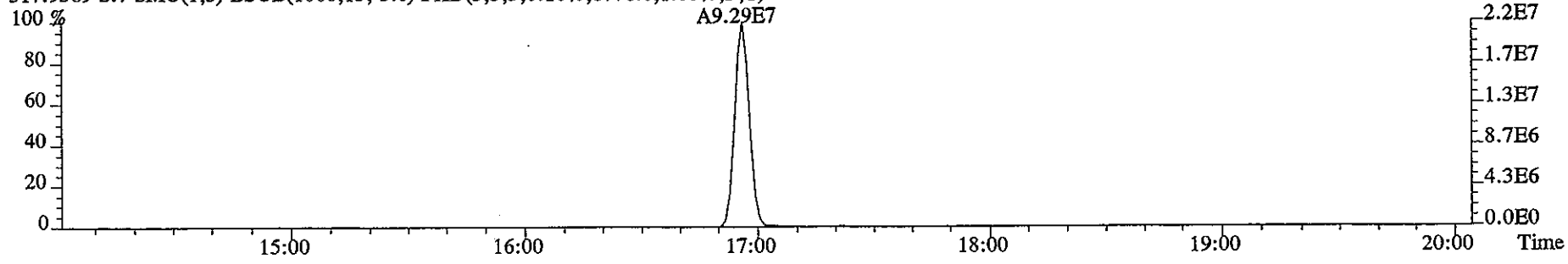
305.8987 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6384.0,1.00%,F,T)



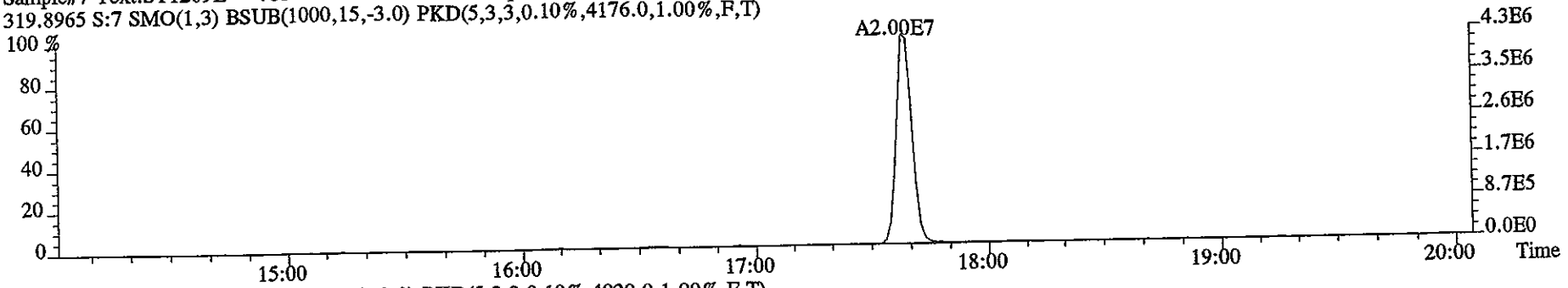
315.9419 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10936.0,1.00%,F,T)



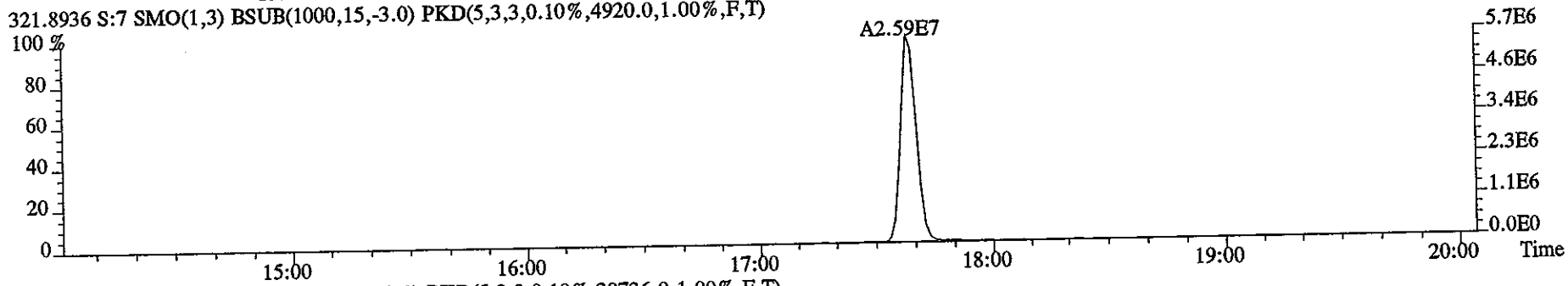
317.9389 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8776.0,1.00%,F,T)



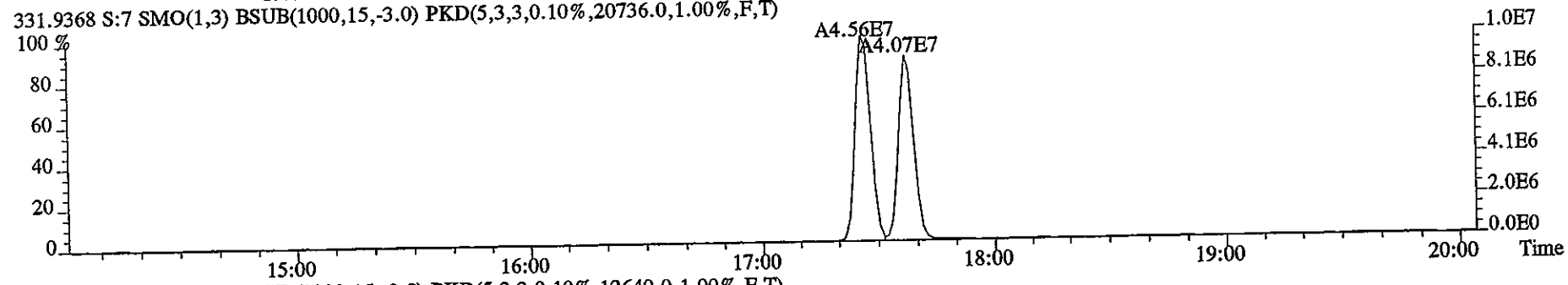
File:09DE051D5 #1-329 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
319.8965 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4176.0,1.00%,F,T)



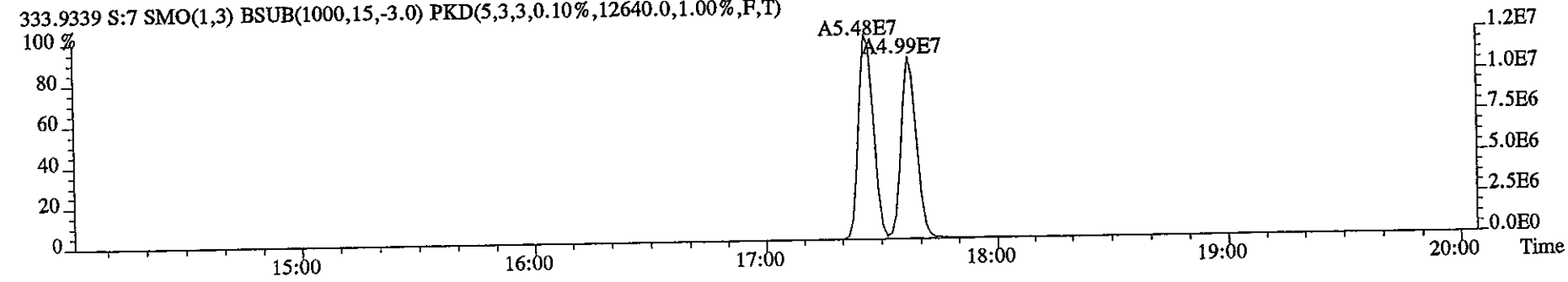
321.8936 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4920.0,1.00%,F,T)



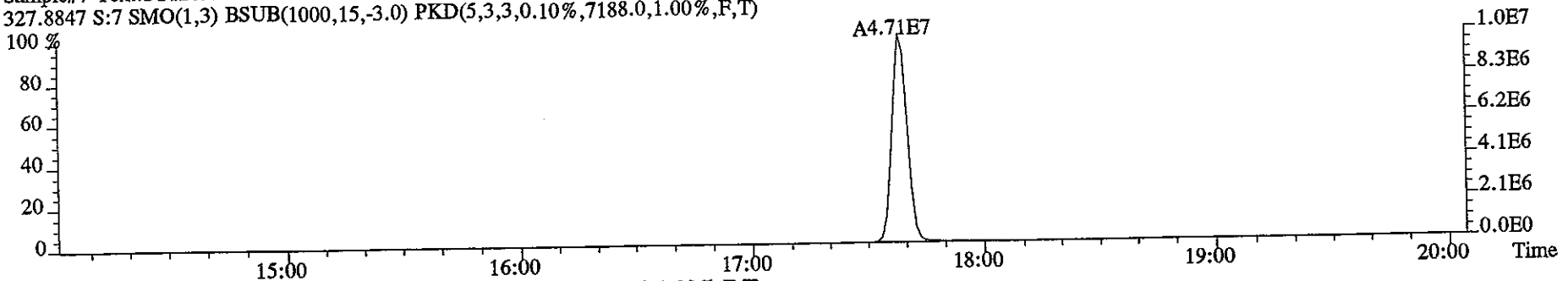
331.9368 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20736.0,1.00%,F,T)



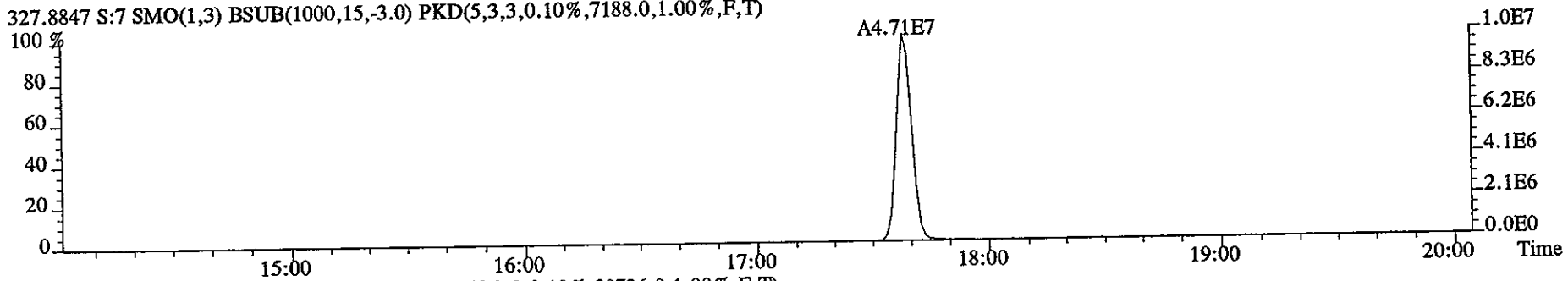
333.9339 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12640.0,1.00%,F,T)



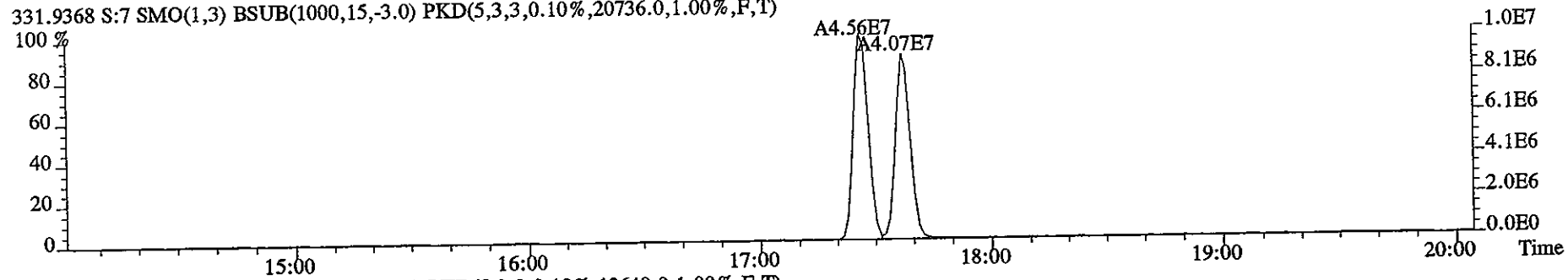
File:09DE051D5 #1-329 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
327.8847 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7188.0,1.00%,F,T)



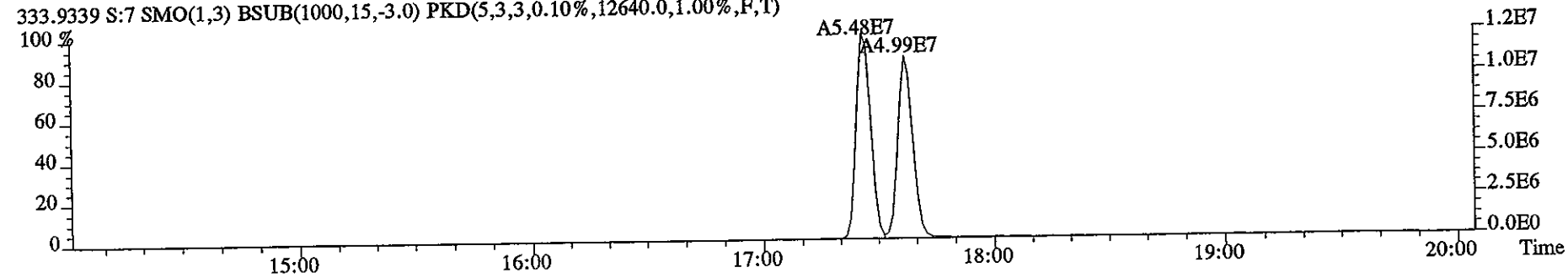
327.8847 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7188.0,1.00%,F,T)



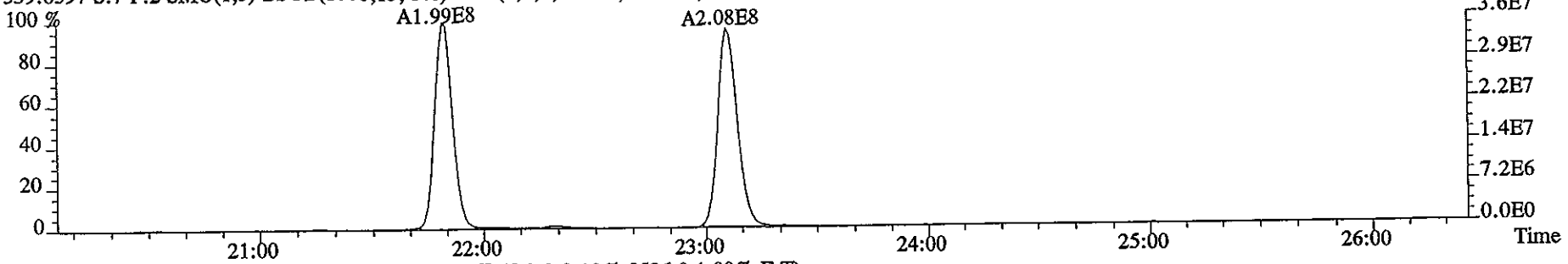
331.9368 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20736.0,1.00%,F,T)



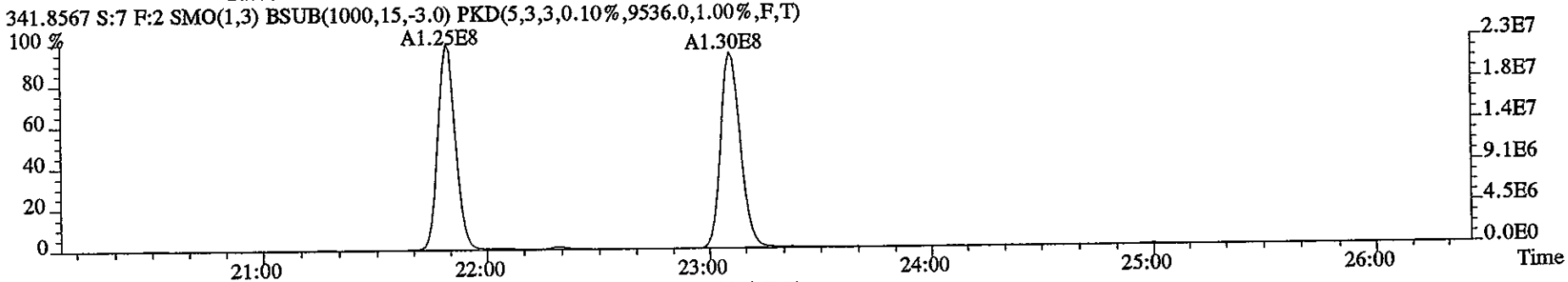
333.9339 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12640.0,1.00%,F,T)



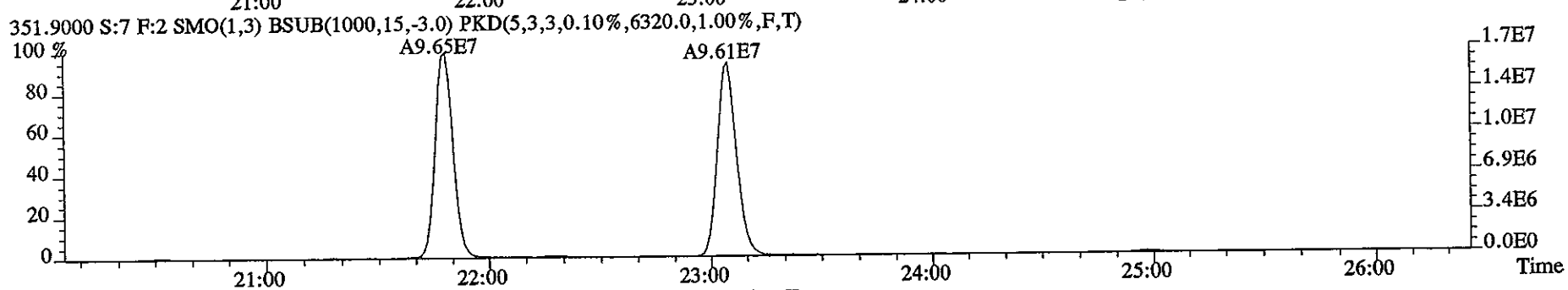
File:09DE051D5 #1-447 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
339.8597 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12216.0,1.00%,F,T)



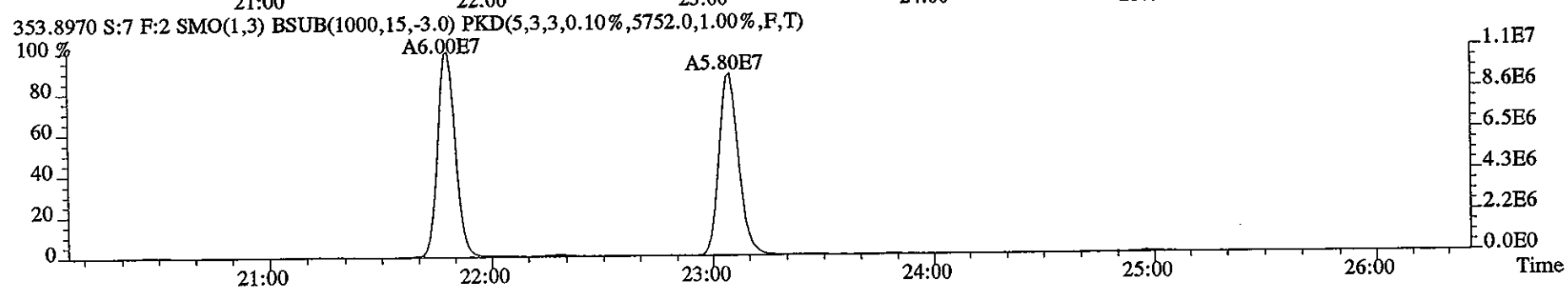
341.8567 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9536.0,1.00%,F,T)



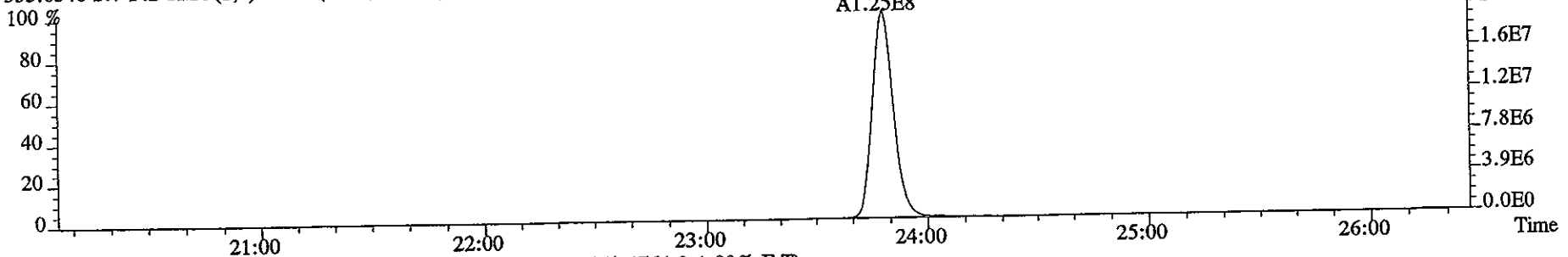
351.9000 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6320.0,1.00%,F,T)



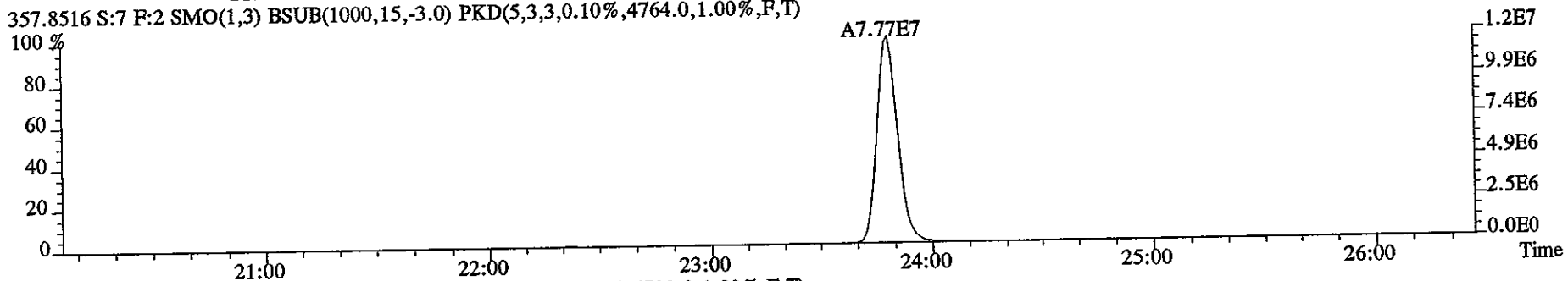
353.8970 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5752.0,1.00%,F,T)



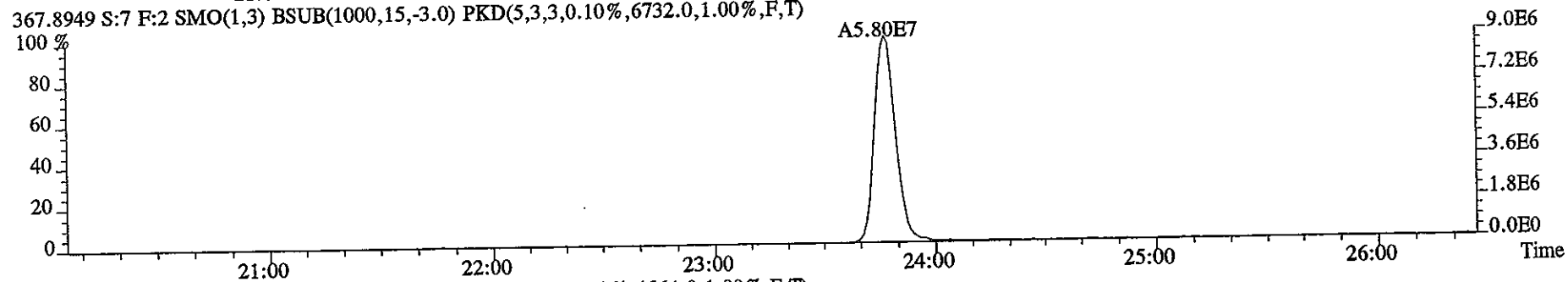
File:09DE051D5 #1-447 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
355.8546 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7312.0,1.00%,F,T)



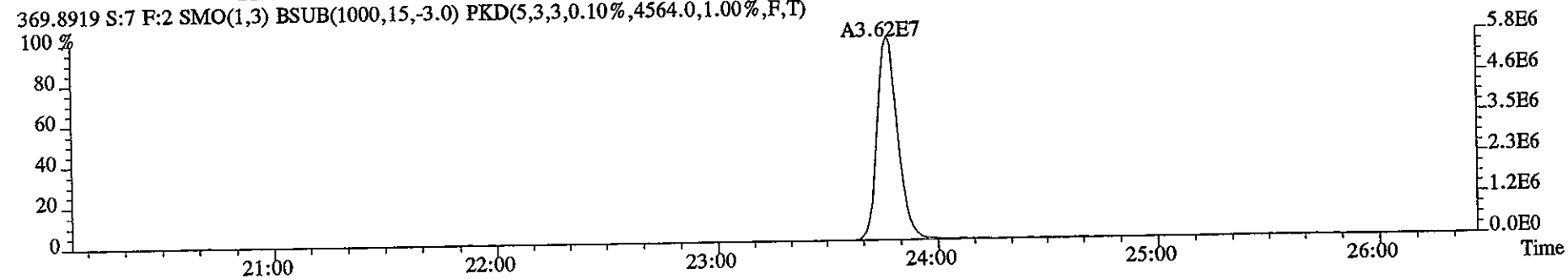
357.8516 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4764.0,1.00%,F,T)



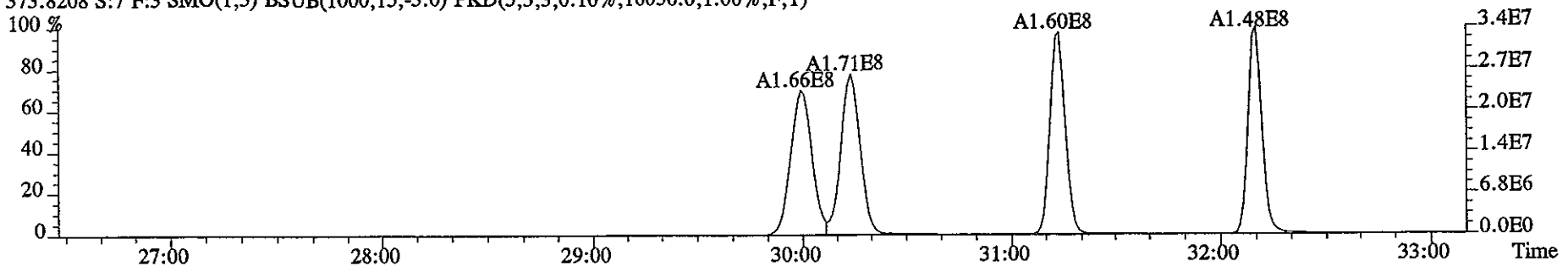
367.8949 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6732.0,1.00%,F,T)

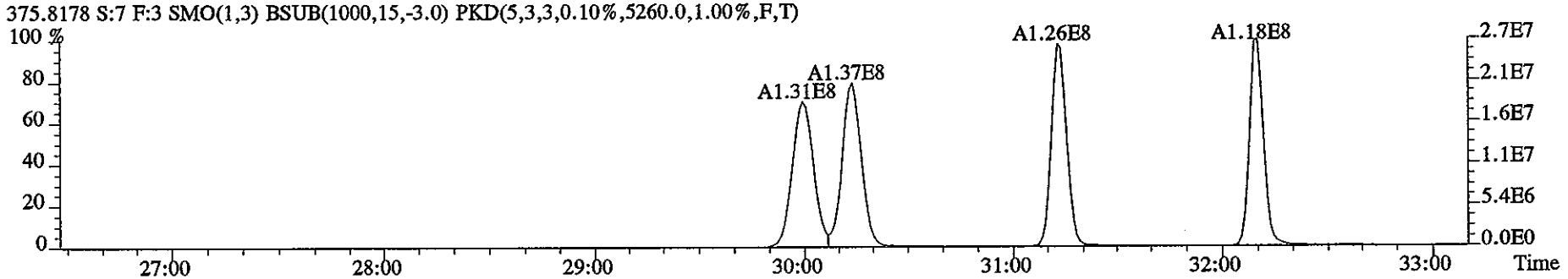


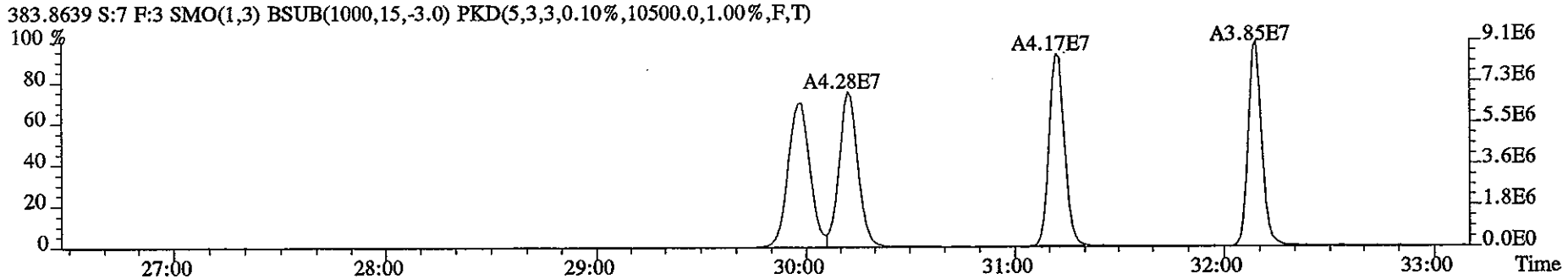
369.8919 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4564.0,1.00%,F,T)

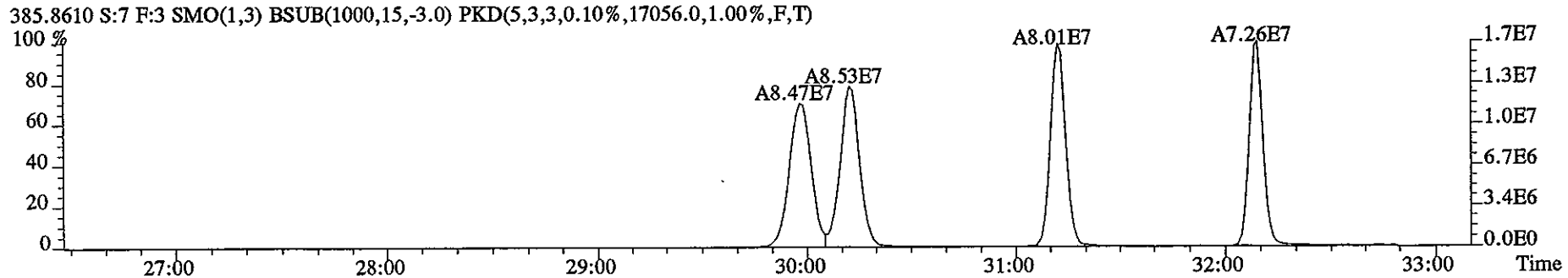


File:09DE051D5 #1-451 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN



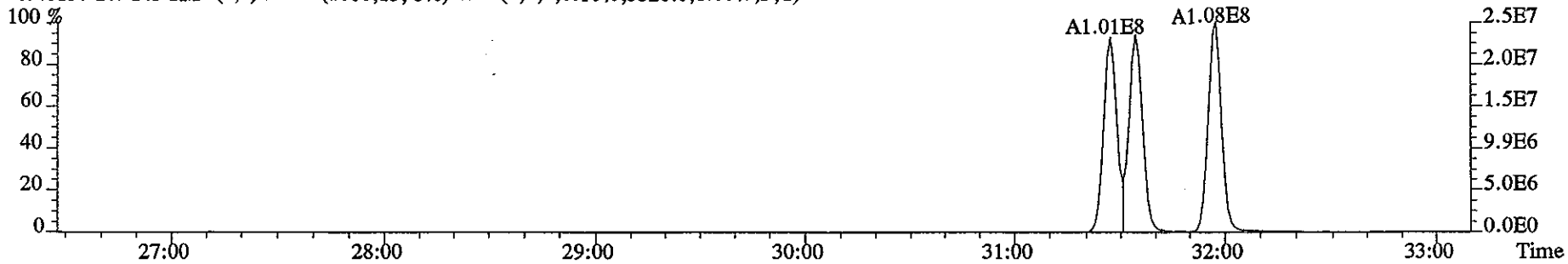




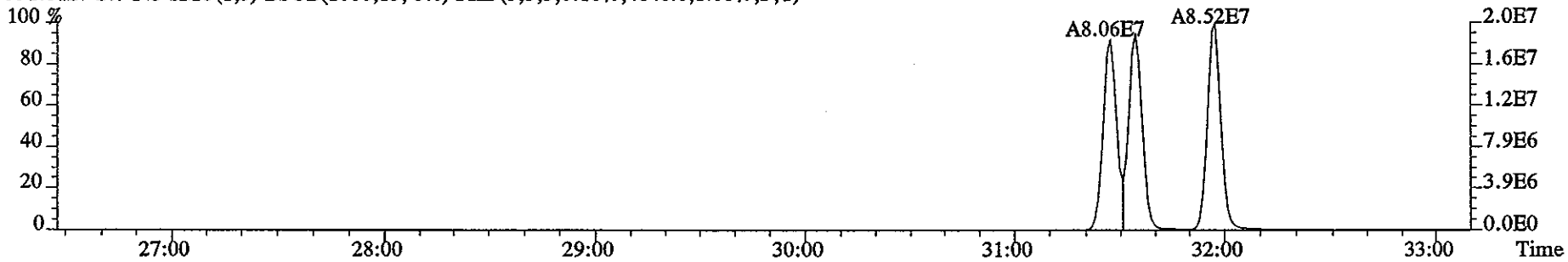


File:09DE051D5 #1-451 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN

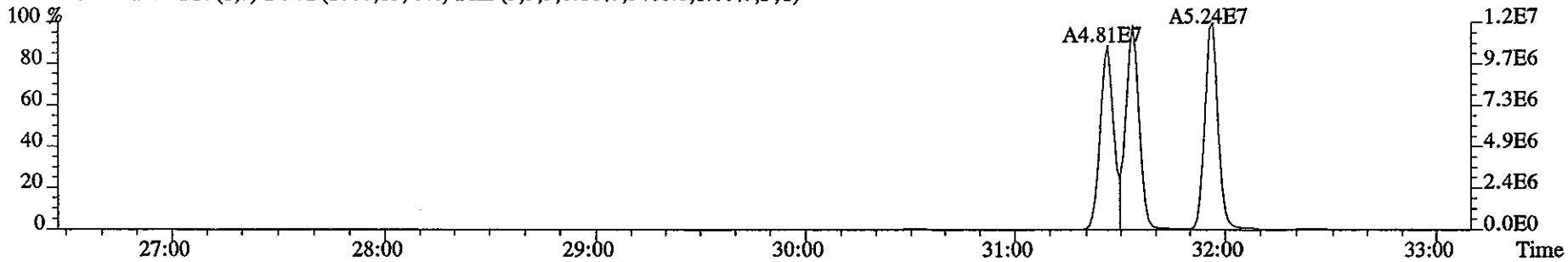
389.8157 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3520.0,1.00%,F,T)



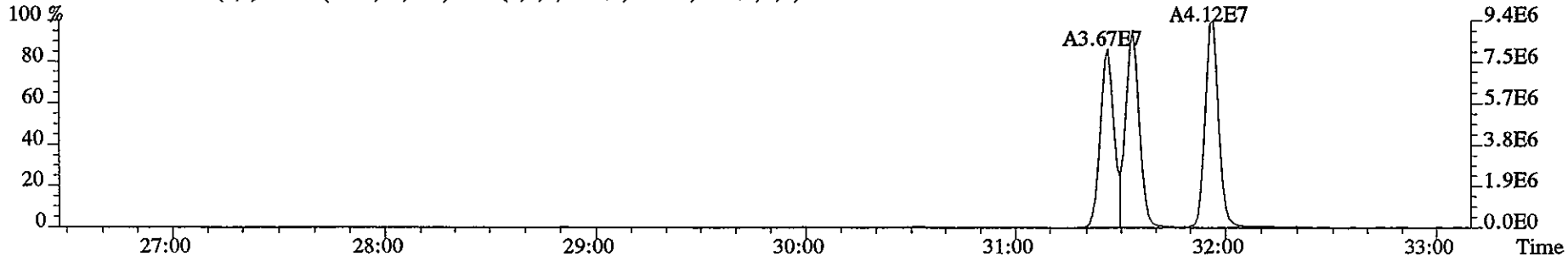
391.8127 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4840.0,1.00%,F,T)



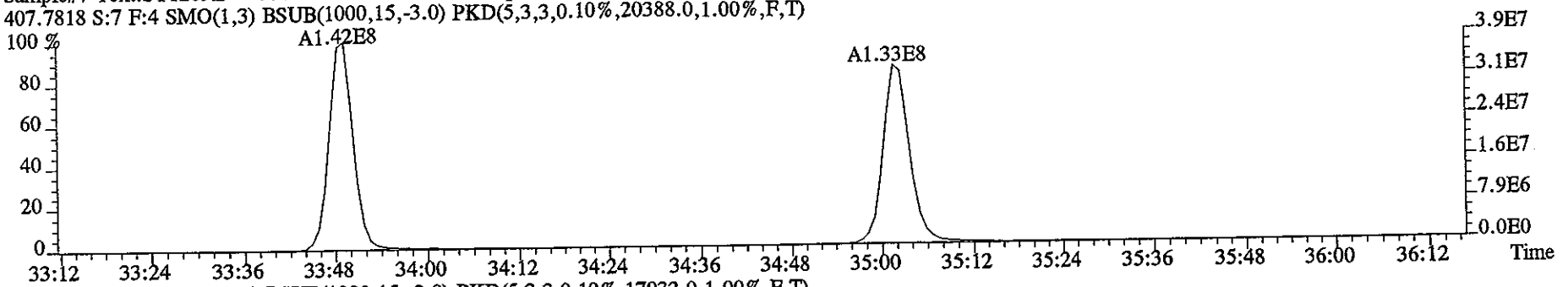
401.8559 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5468.0,1.00%,F,T)

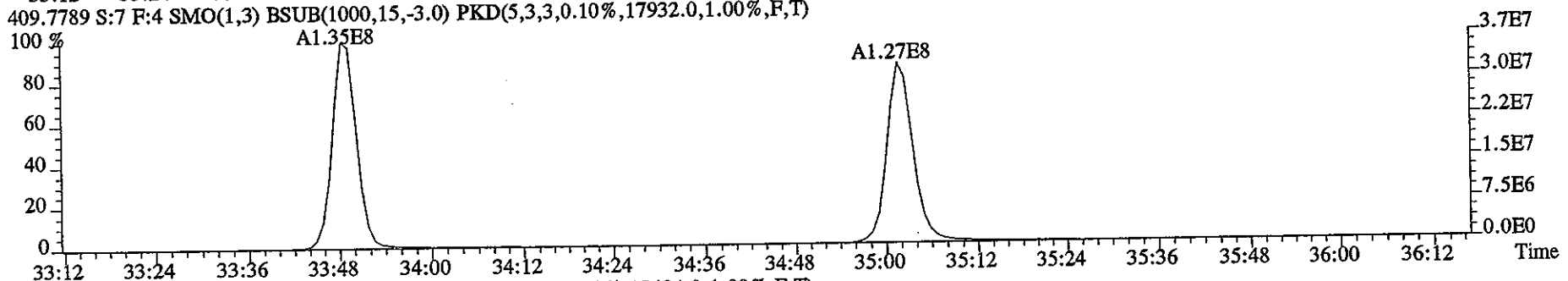


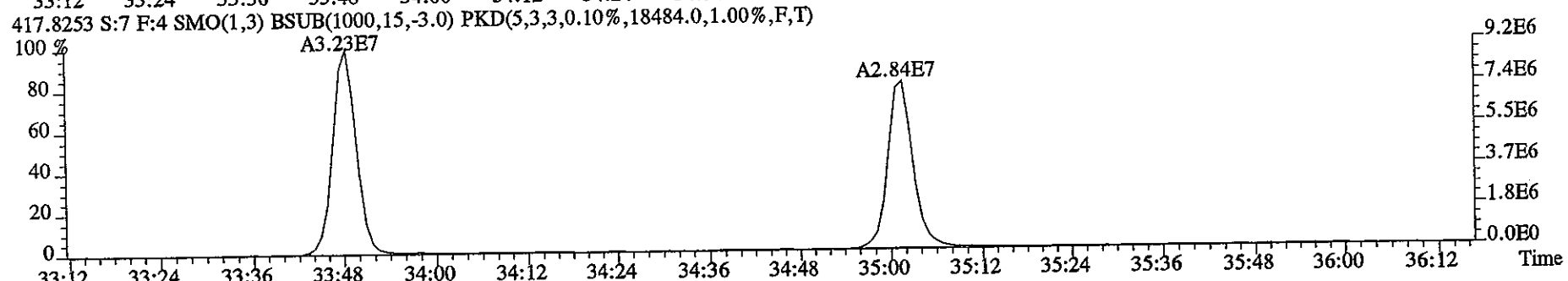
403.8529 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5924.0,1.00%,F,T)

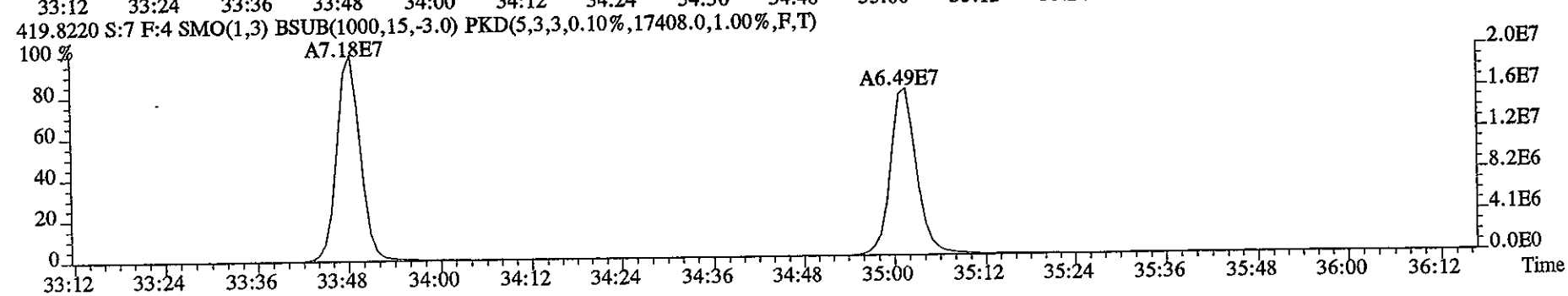


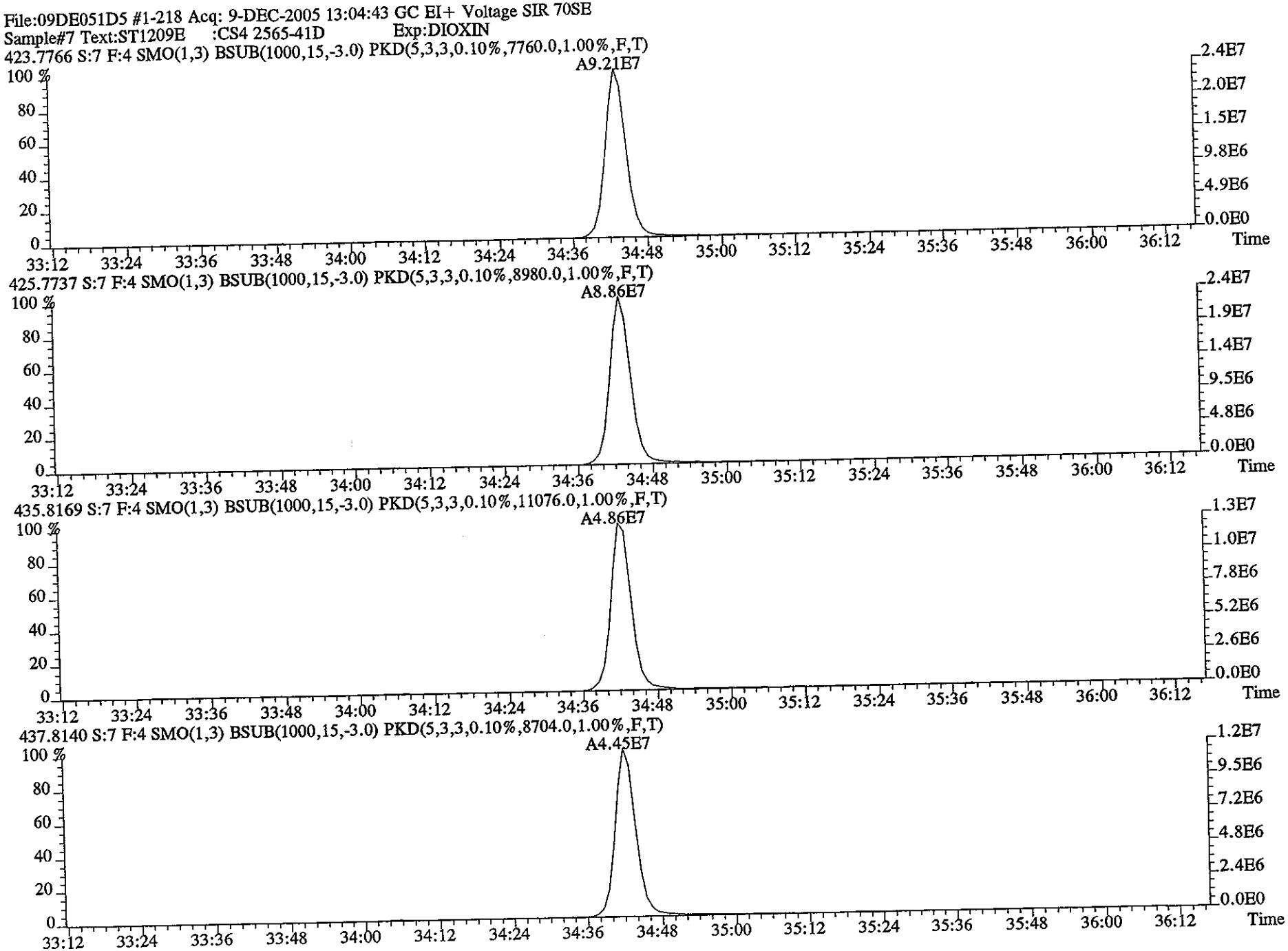
File:09DE051D5 #1-218 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN



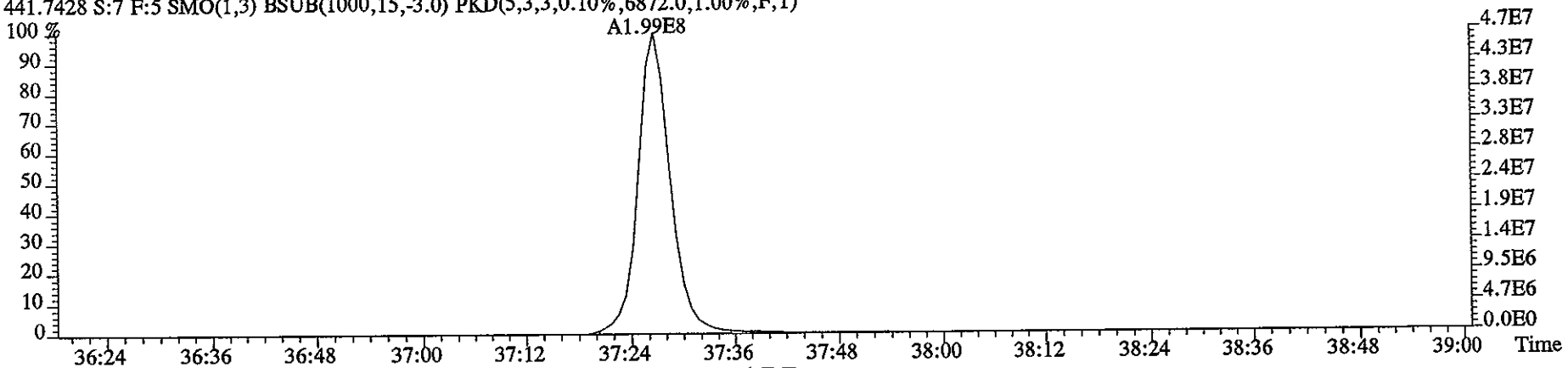




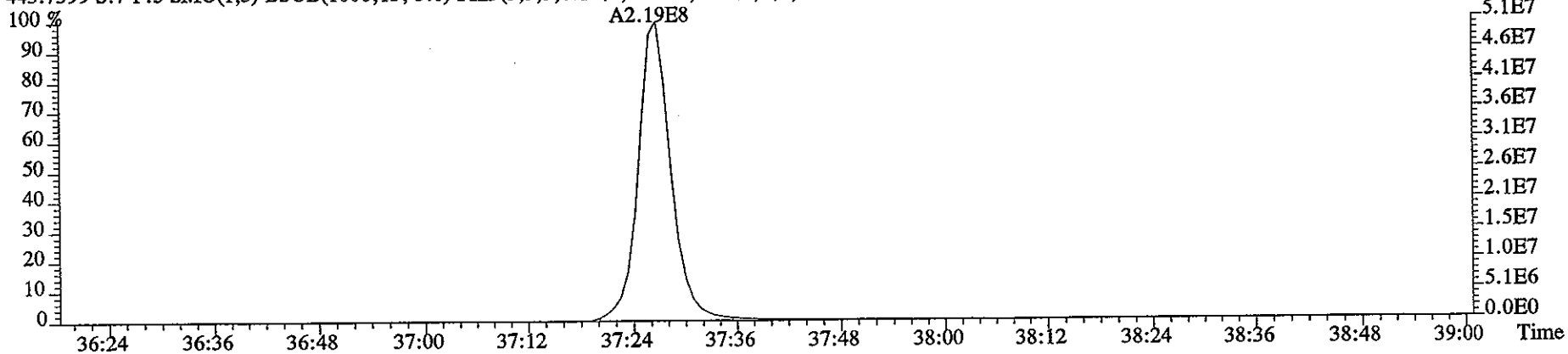




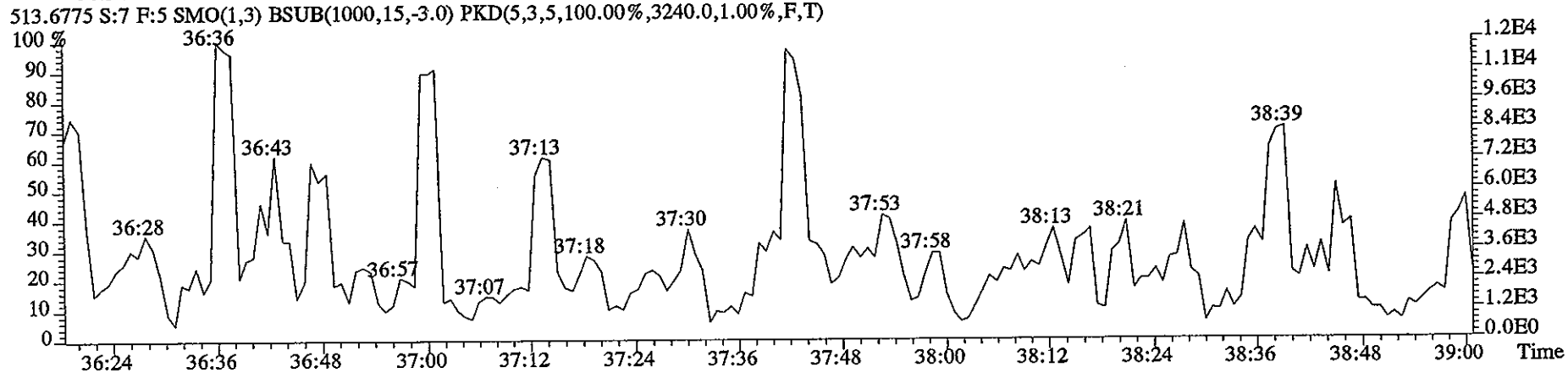
File:09DE051D5 #1-196 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
441.7428 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6872.0,1.00%,F,T)



443.7399 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9984.0,1.00%,F,T)

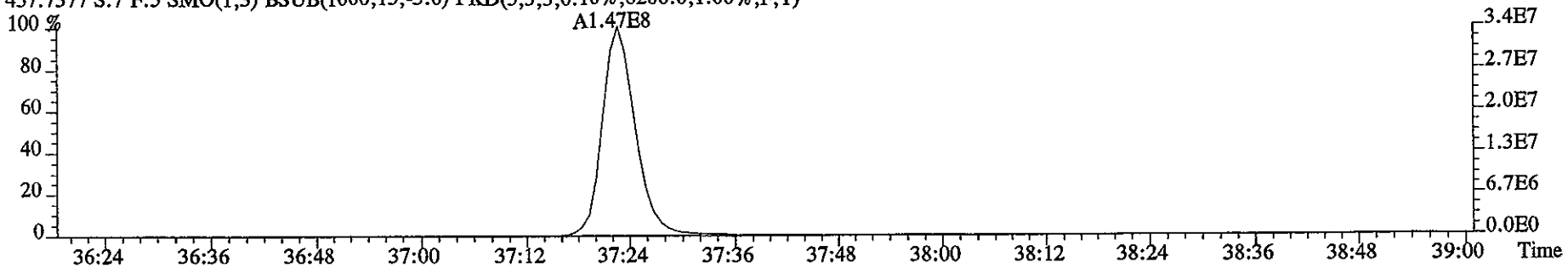


513.6775 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,3240.0,1.00%,F,T)

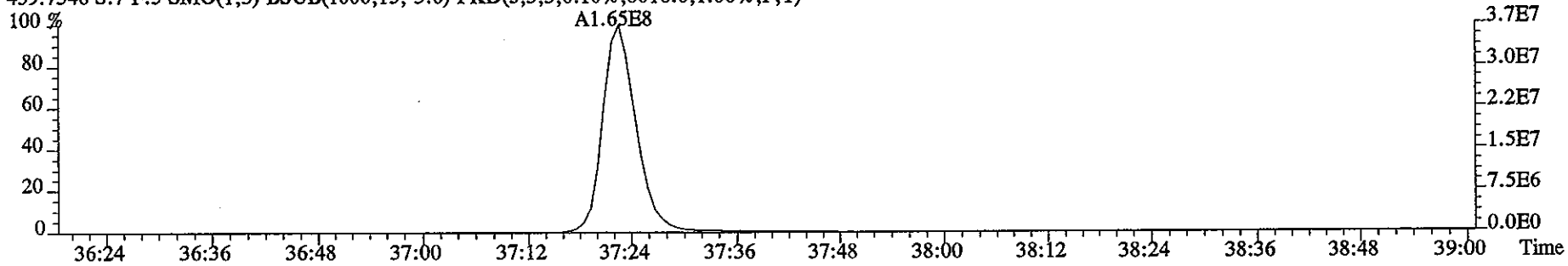


File:09DE051D5 #1-196 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN

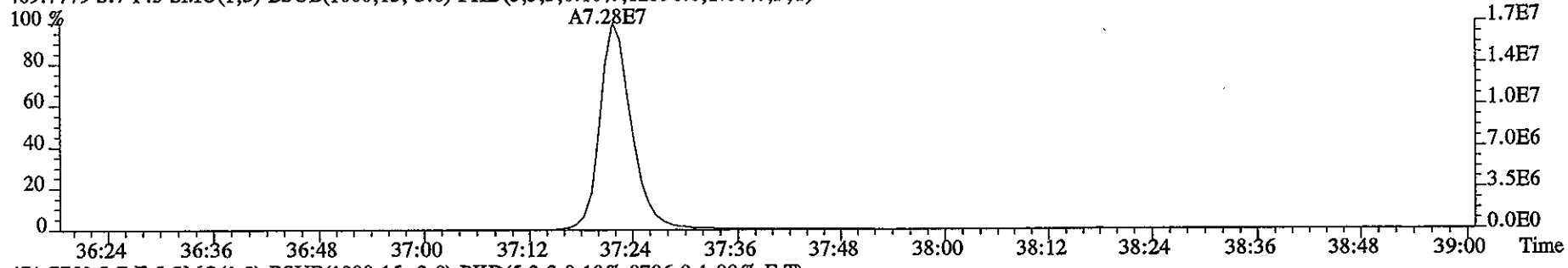
457.7377 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8200.0,1.00%,F,T)



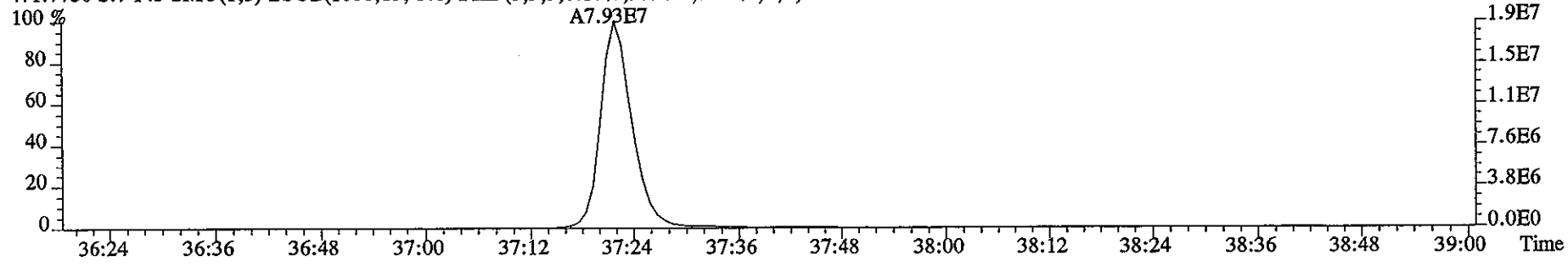
459.7348 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8016.0,1.00%,F,T)



469.7779 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12596.0,1.00%,F,T)

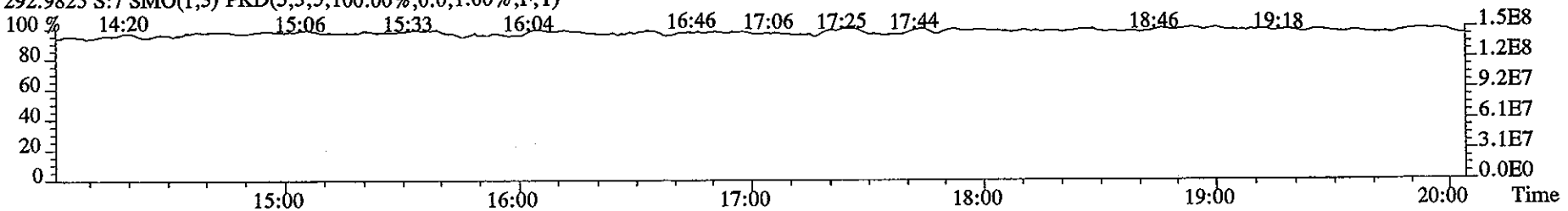


471.7750 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9796.0,1.00%,F,T)

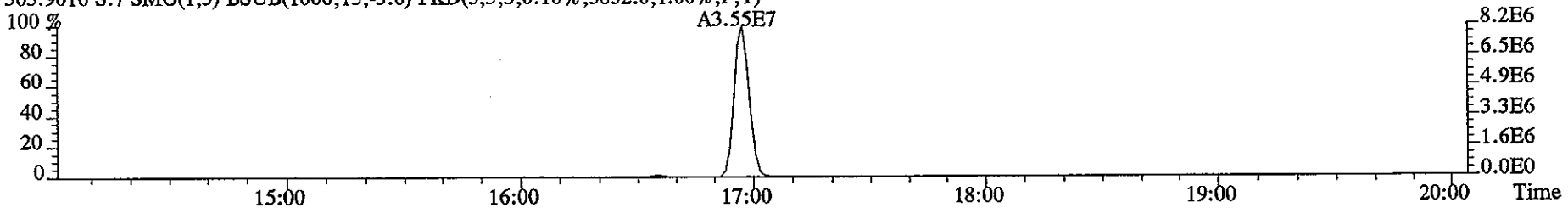


File:09DE051D5 #1-329 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN

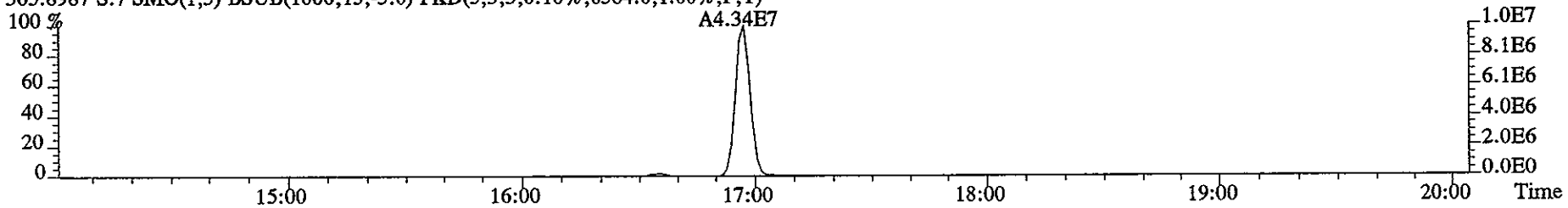
292.9825 S:7 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



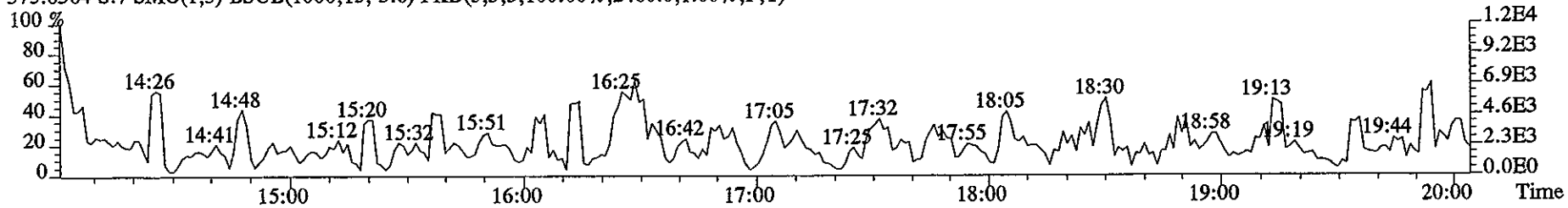
303.9016 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5852.0,1.00%,F,T)



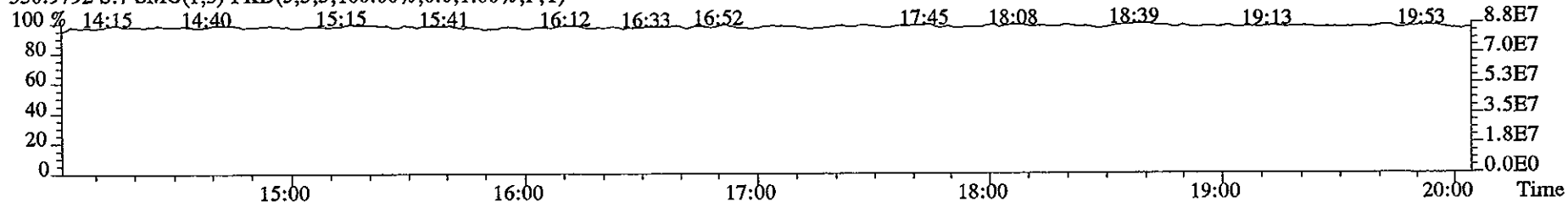
305.8987 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6384.0,1.00%,F,T)

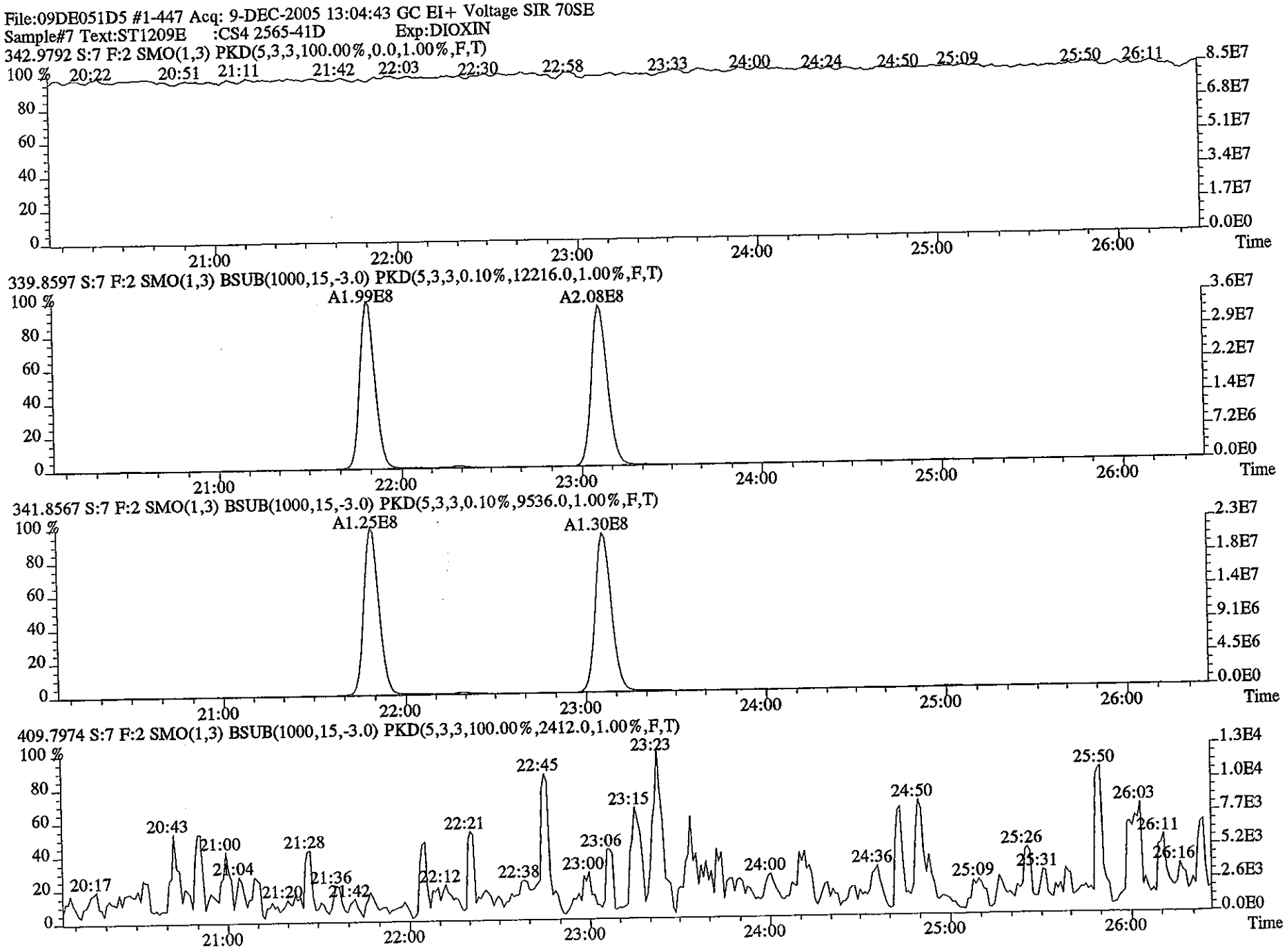


375.8364 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2460.0,1.00%,F,T)



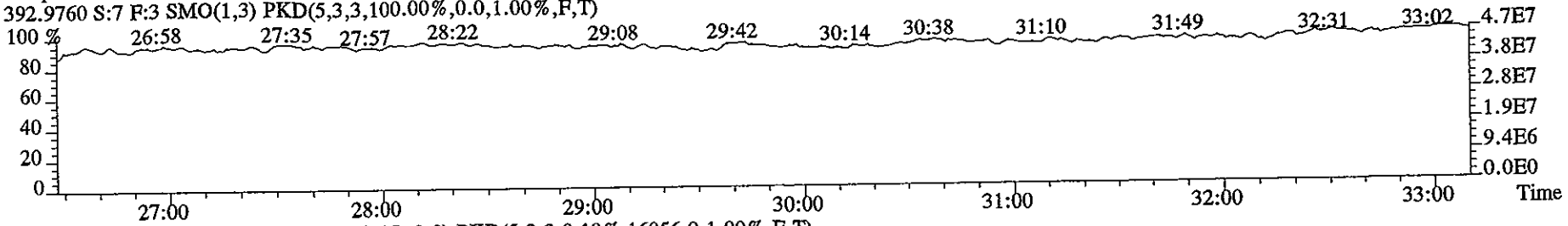
330.9792 S:7 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



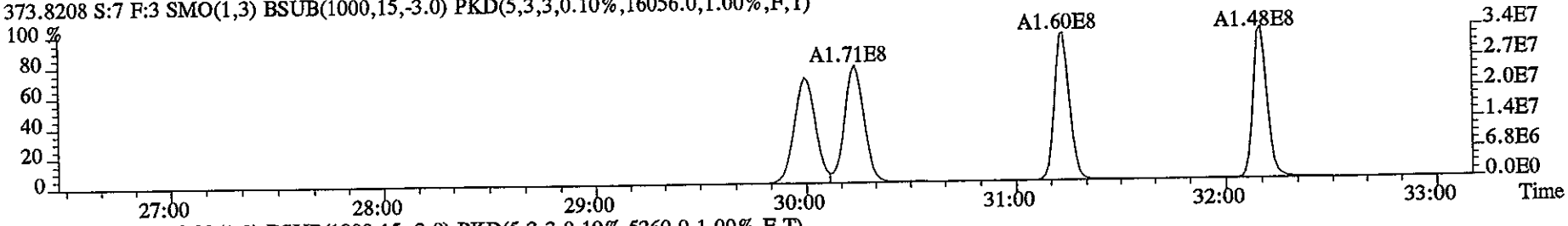

File:09DE051D5 #1-447 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
342.9792 S:7 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)
339.8597 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12216.0,1.00%,F,T)
A1.99E8
A2.08E8
341.8567 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9536.0,1.00%,F,T)
A1.25E8
A1.30E8
409.7974 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2412.0,1.00%,F,T)
Time

File:09DE051D5 #1-451 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN

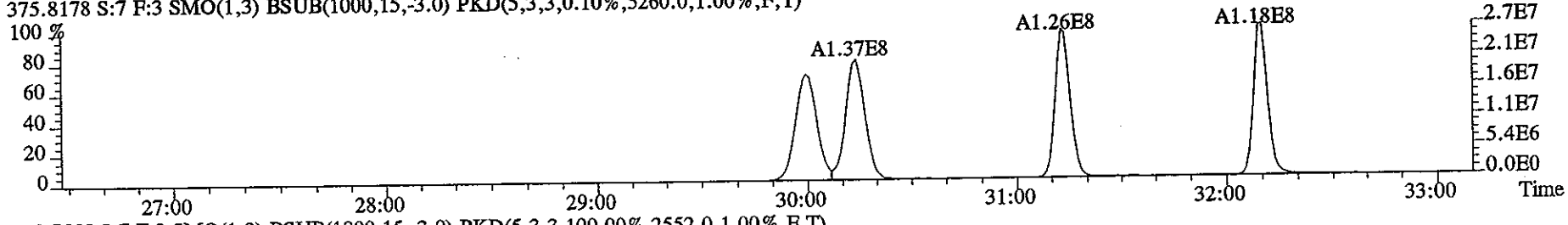
392.9760 S:7 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



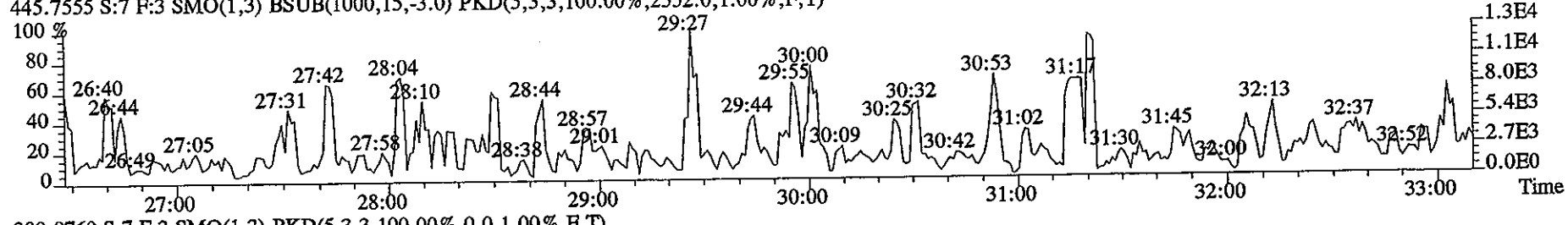
373.8208 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16056.0,1.00%,F,T)



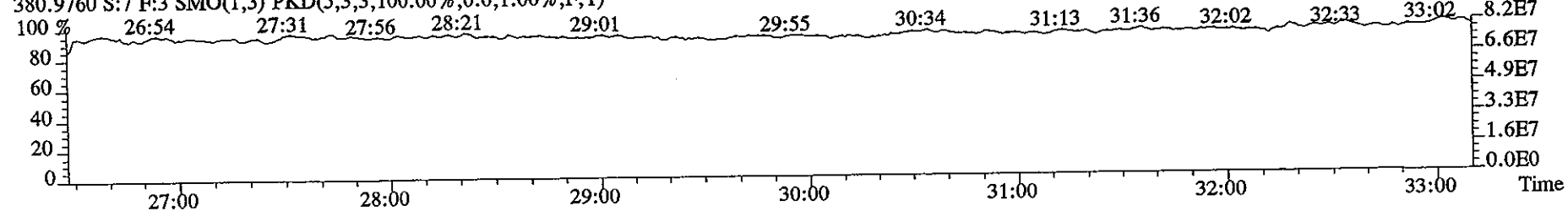
375.8178 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5260.0,1.00%,F,T)

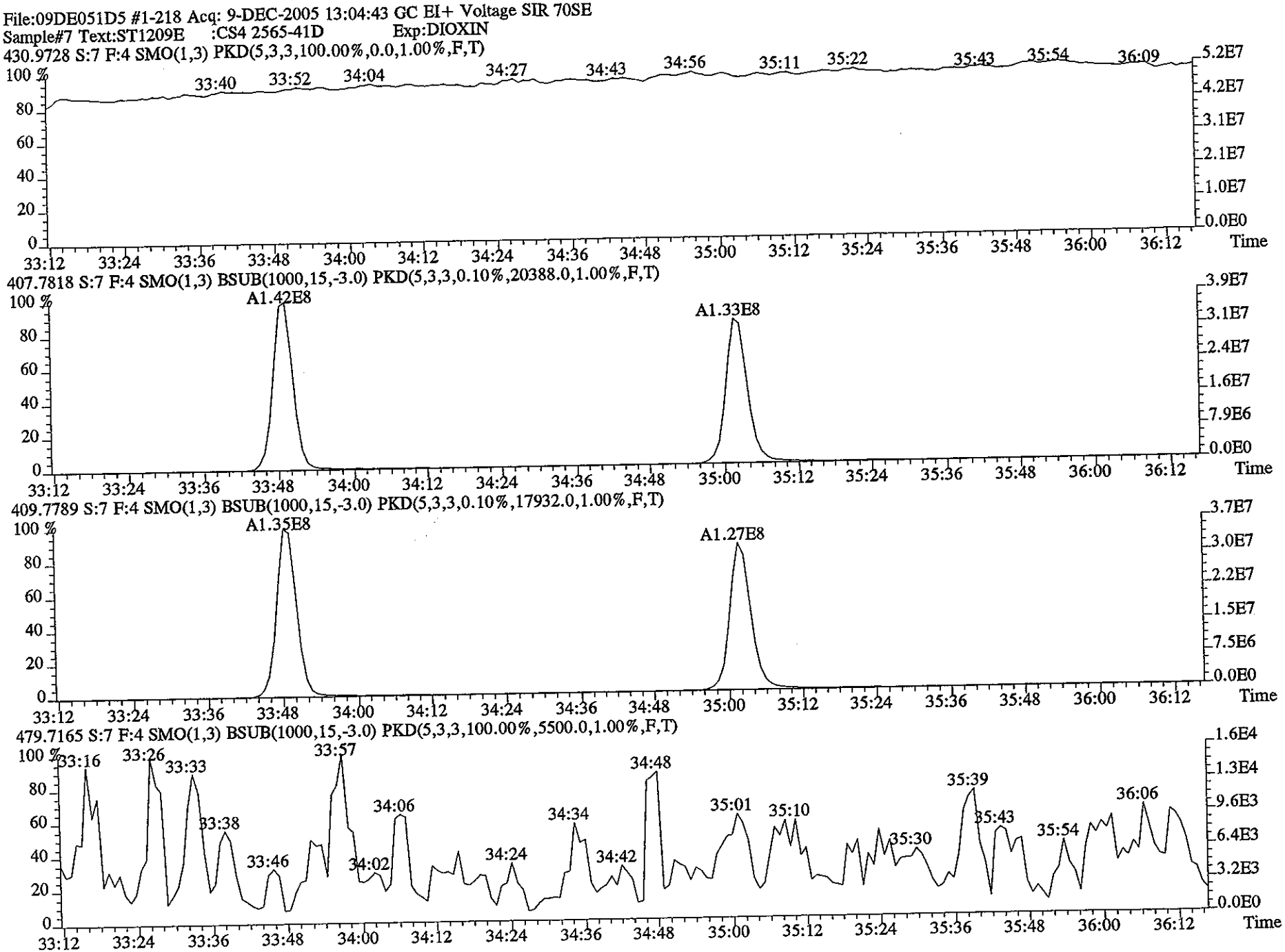


445.7555 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2552.0,1.00%,F,T)

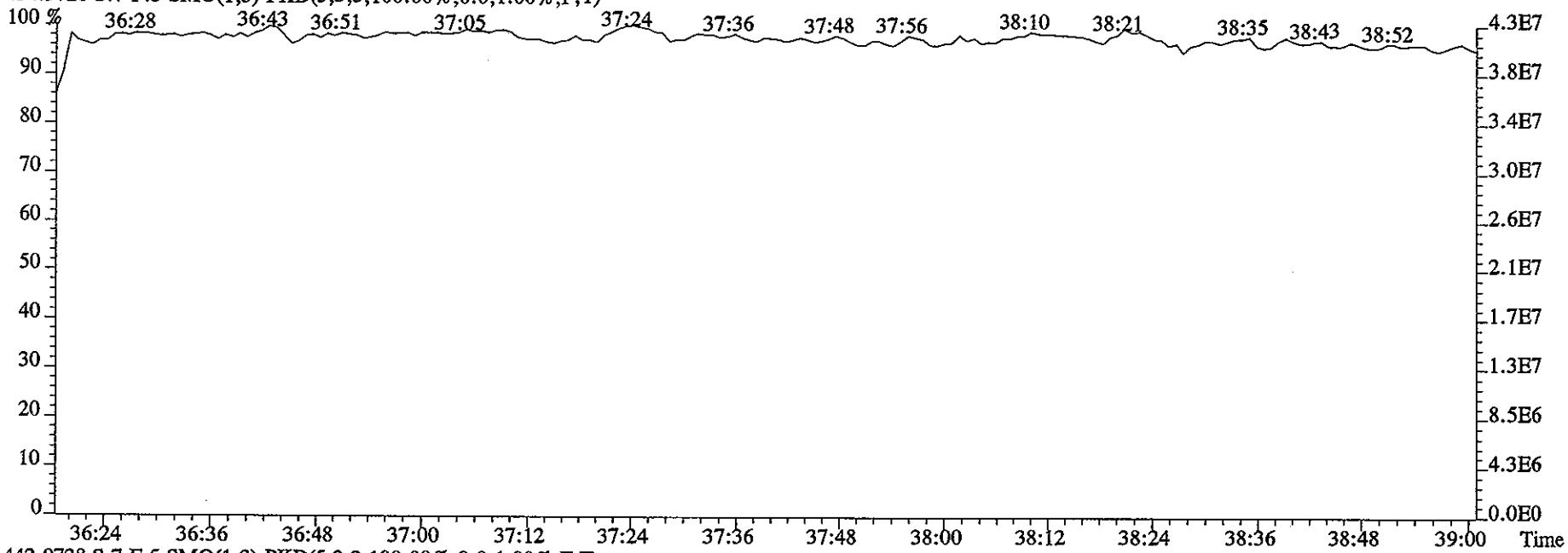


380.9760 S:7 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

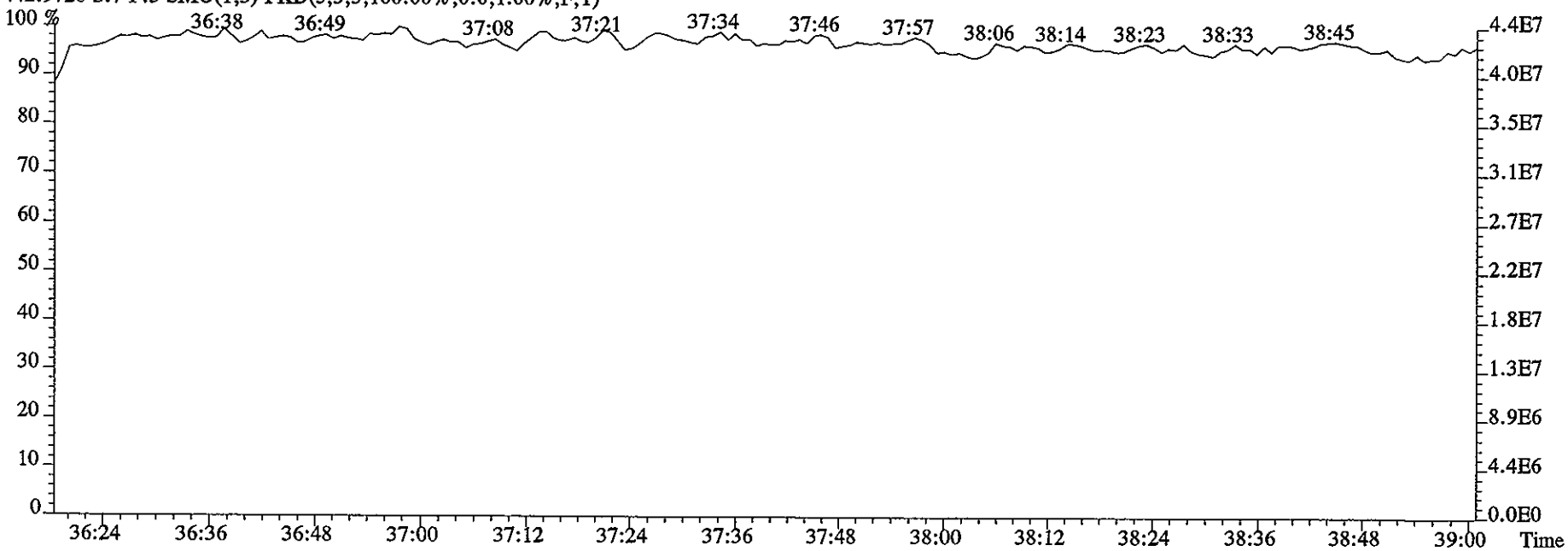



File:09DE051D5 #1-218 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
430.9728 S:7 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)
407.7818 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20388.0,1.00%,F,T)
A1.42E8
A1.33E8
409.7789 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17932.0,1.00%,F,T)
A1.35E8
A1.27E8
479.7165 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5500.0,1.00%,F,T)
Time

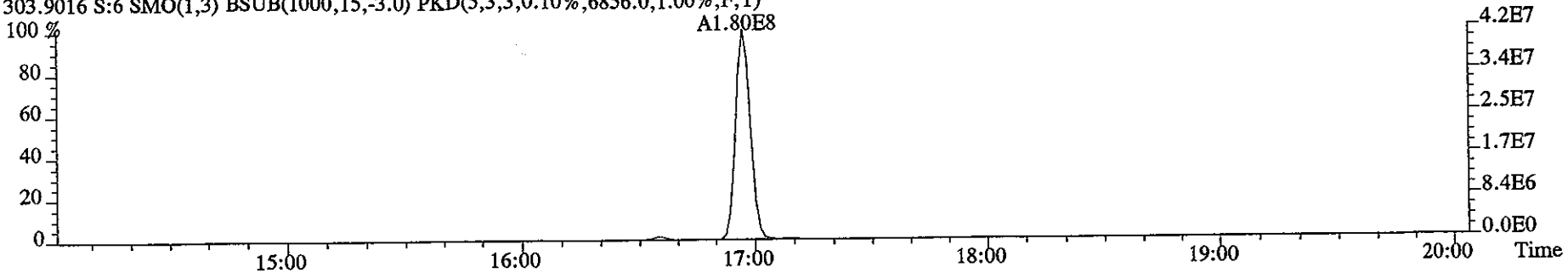
File:09DE051D5 #1-196 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
454.9728 S:7 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



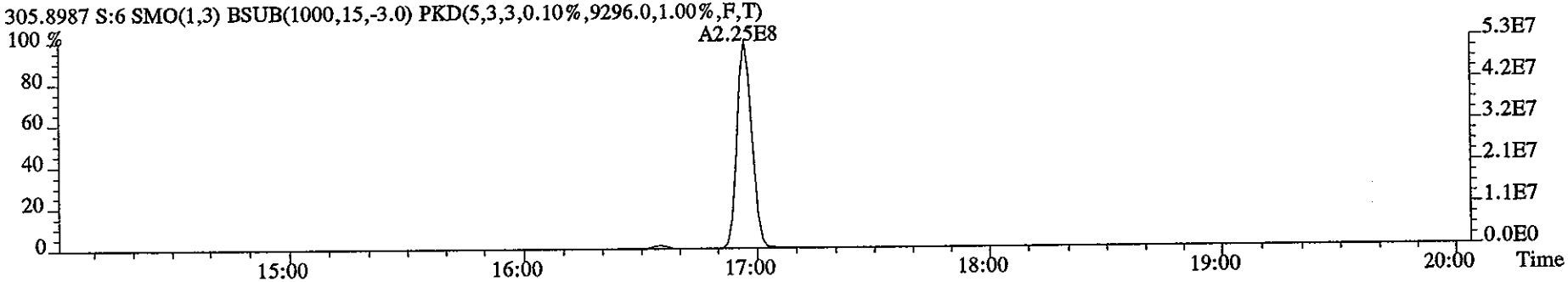
442.9728 S:7 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



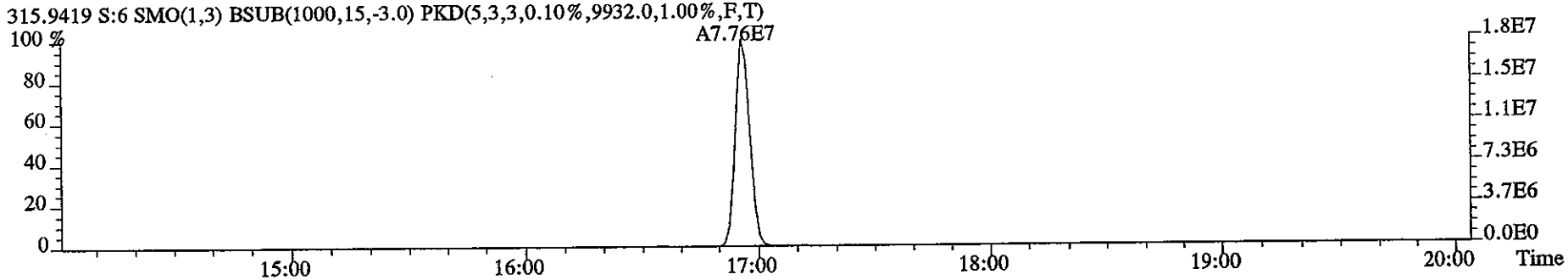
File:09DE051D5 #1-329 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
303.9016 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6856.0,1.00%,F,T)



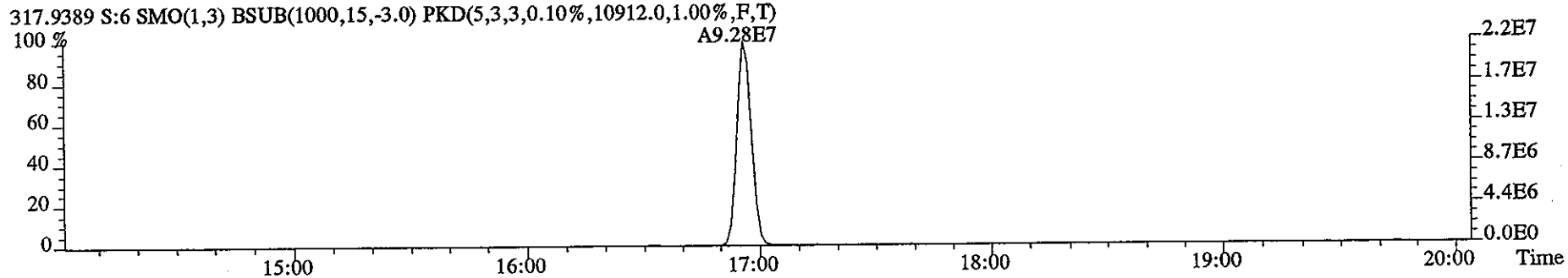
305.8987 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9296.0,1.00%,F,T)



315.9419 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9932.0,1.00%,F,T)

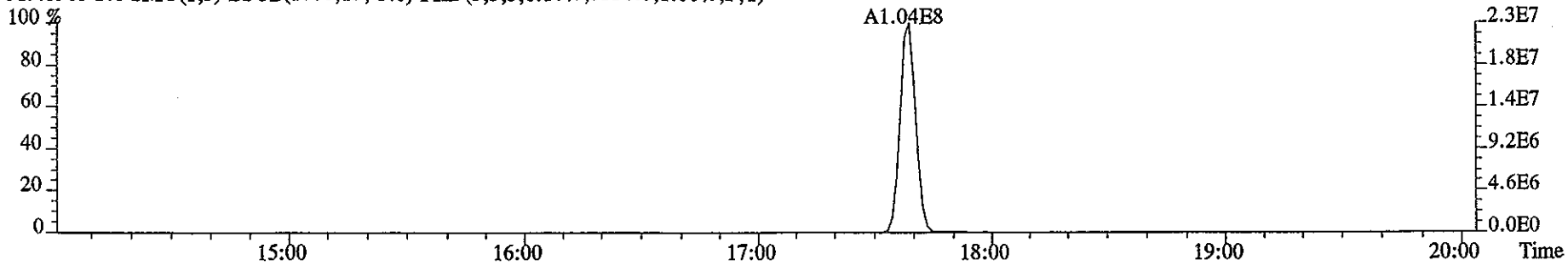


317.9389 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10912.0,1.00%,F,T)

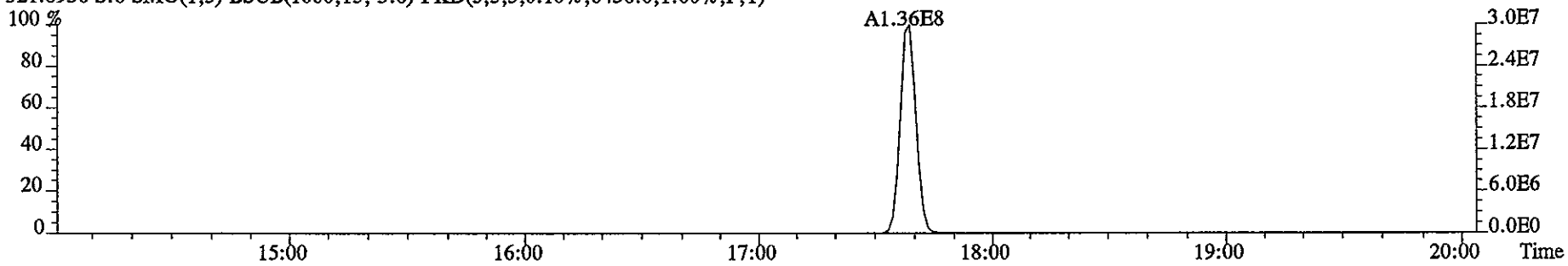


File:09DE051D5 #1-329 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN

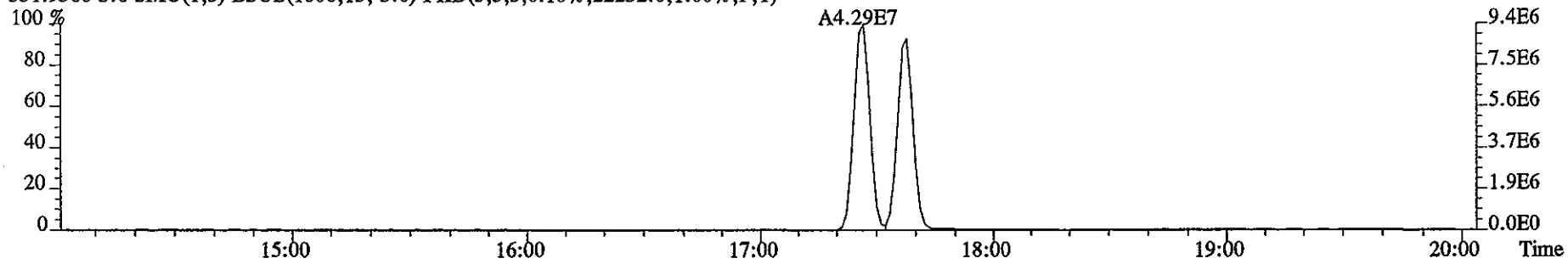
319.8965 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5536.0,1.00%,F,T)



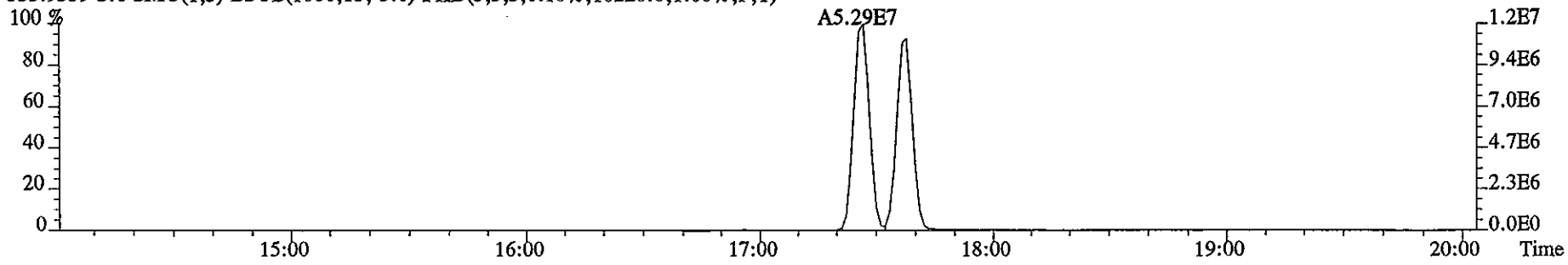
321.8936 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6436.0,1.00%,F,T)



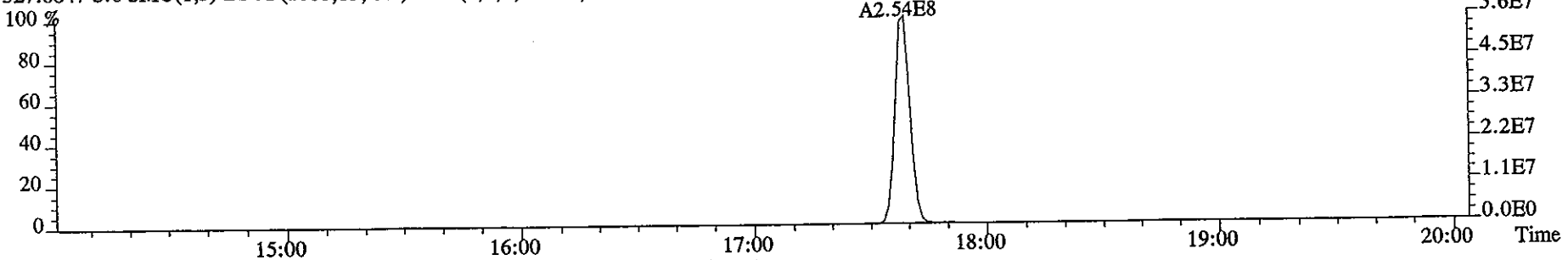
331.9368 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,22232.0,1.00%,F,T)



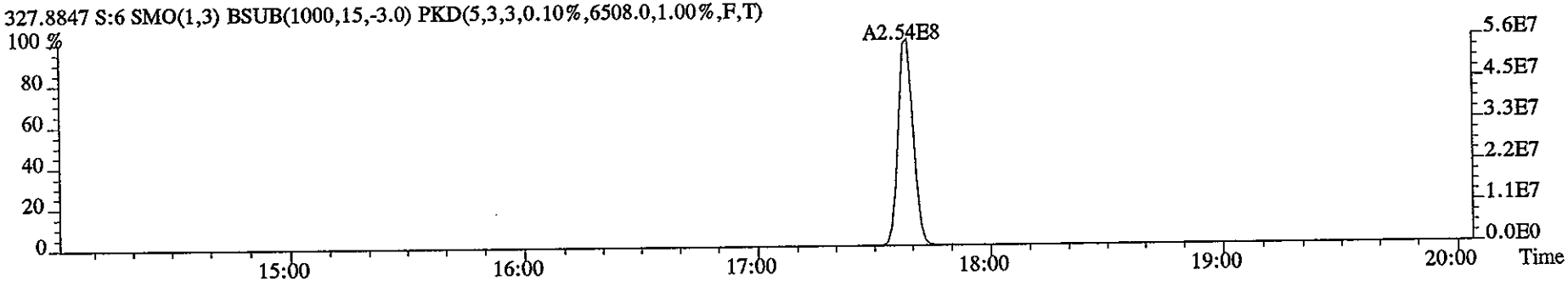
333.9339 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10220.0,1.00%,F,T)



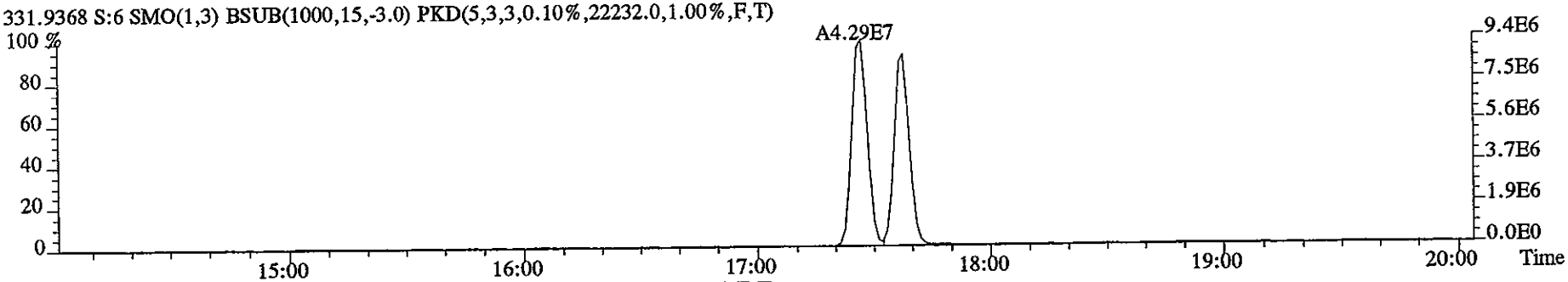
File:09DE051D5 #1-329 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
327.8847 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6508.0,1.00%,F,T)



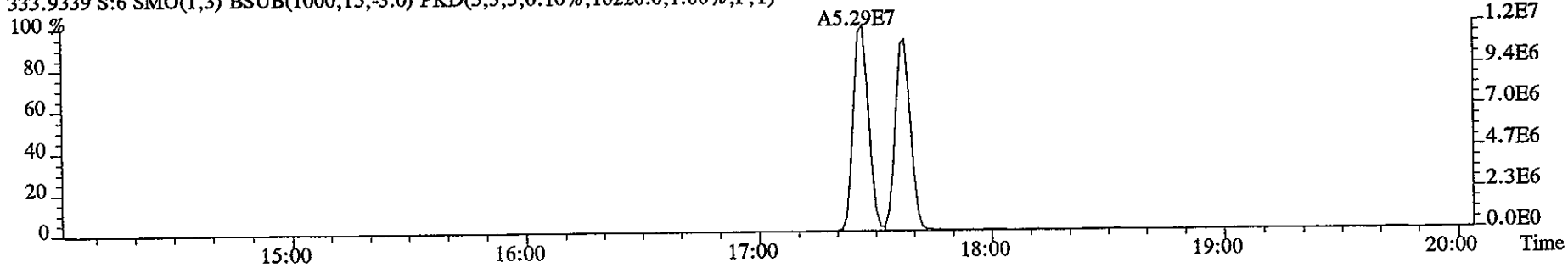
327.8847 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6508.0,1.00%,F,T)



331.9368 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,22232.0,1.00%,F,T)

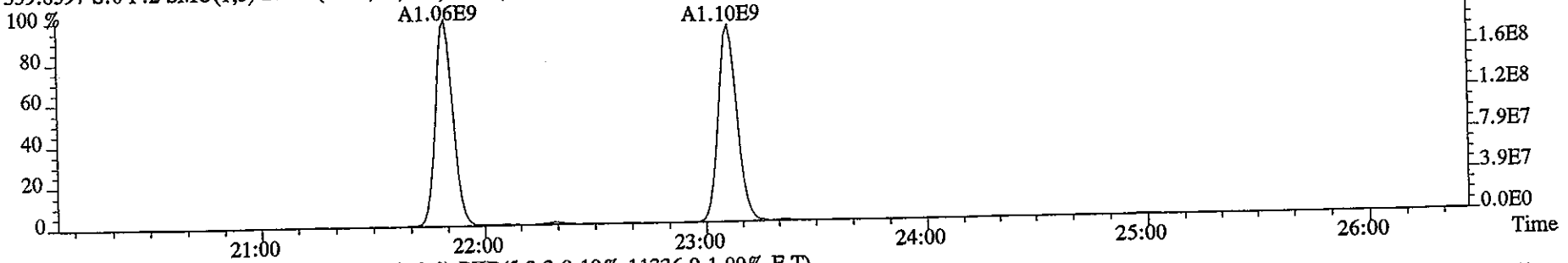


333.9339 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10220.0,1.00%,F,T)

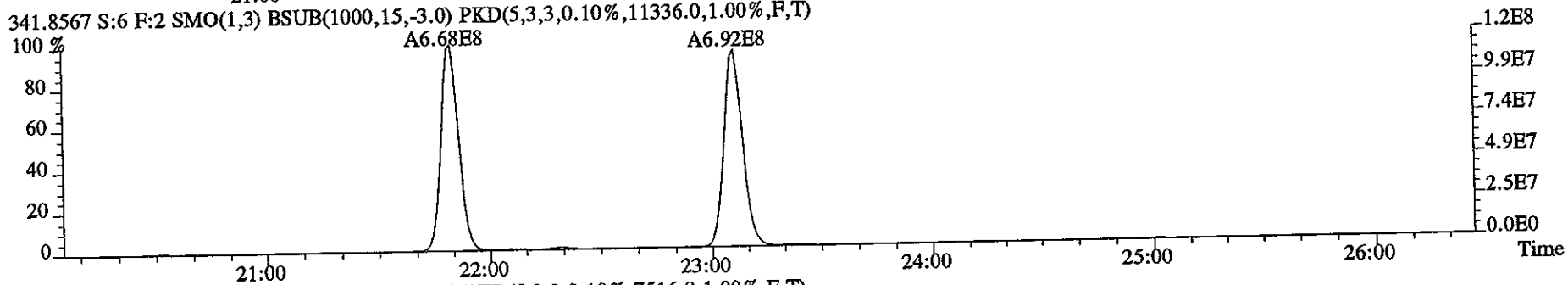


File:09DE051D5 #1-448 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN

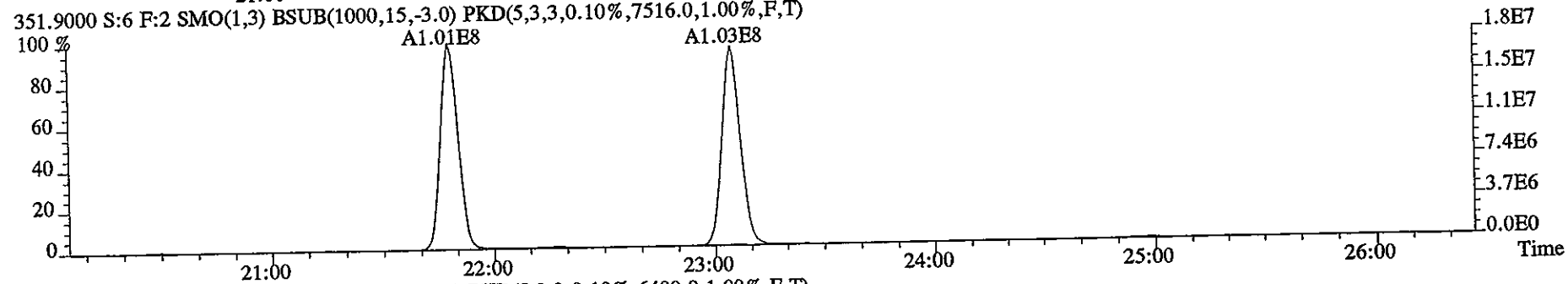
339.8597 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9824.0,1.00%,F,T)



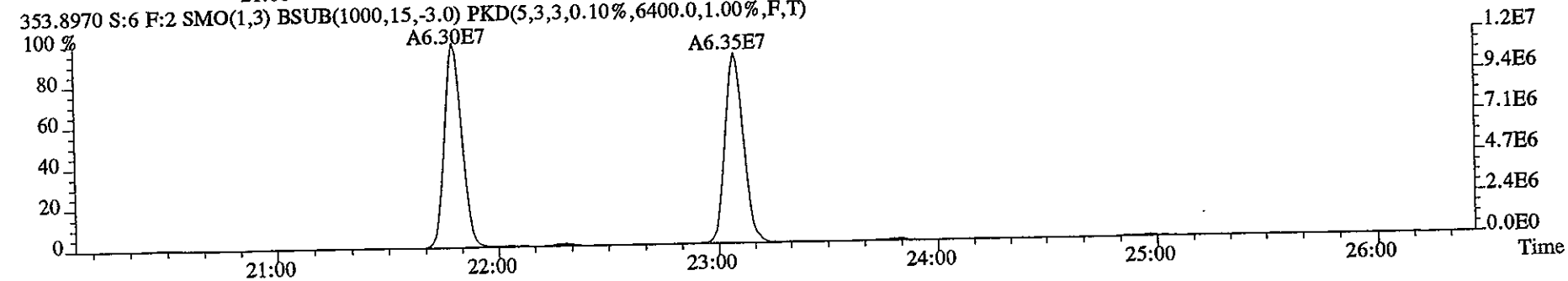
341.8567 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11336.0,1.00%,F,T)



351.9000 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7516.0,1.00%,F,T)

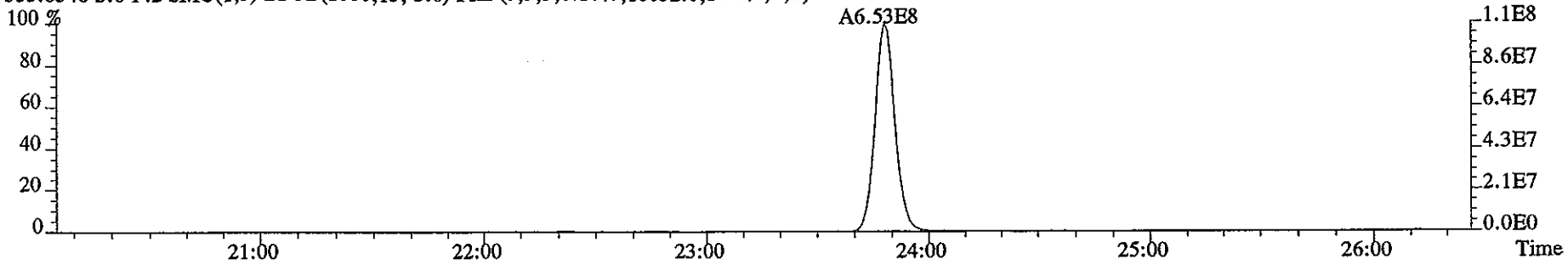


353.8970 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6400.0,1.00%,F,T)

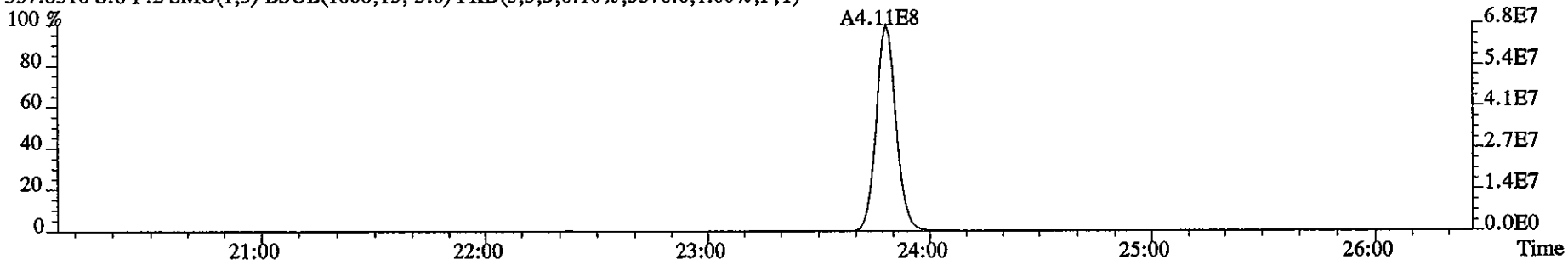


File:09DE051D5 #1-448 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN

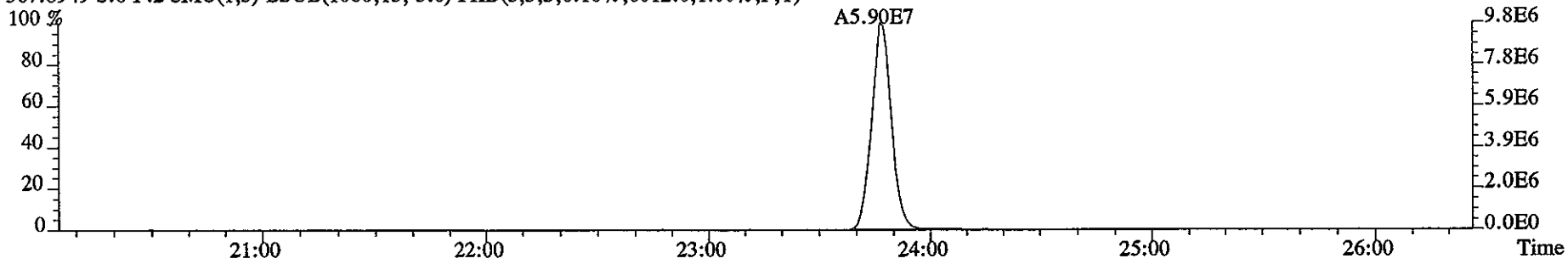
355.8546 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10032.0,1.00%,F,T)



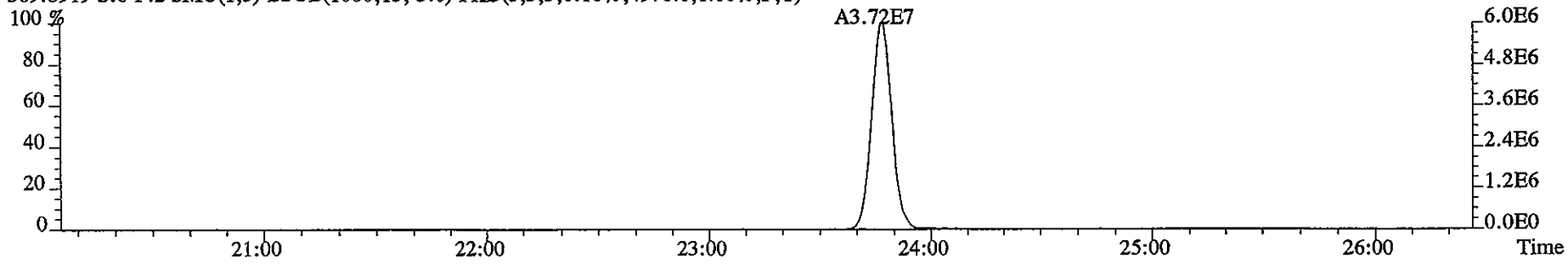
357.8516 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3576.0,1.00%,F,T)



367.8949 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8012.0,1.00%,F,T)

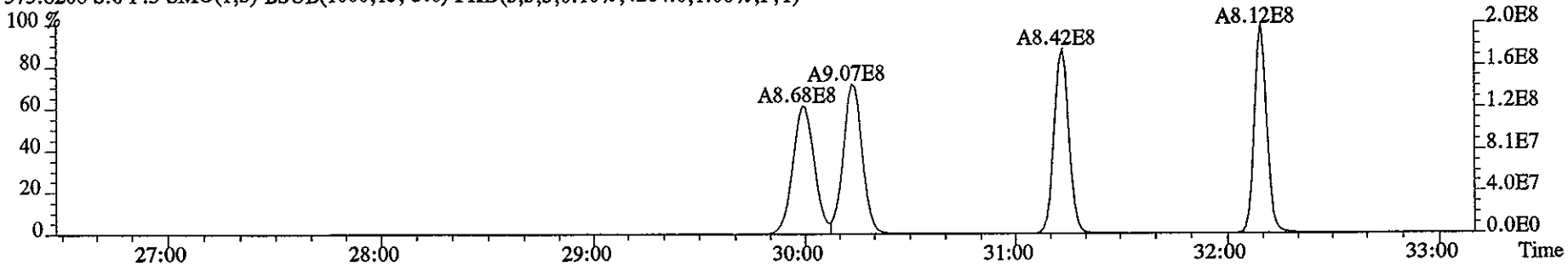


369.8919 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4976.0,1.00%,F,T)

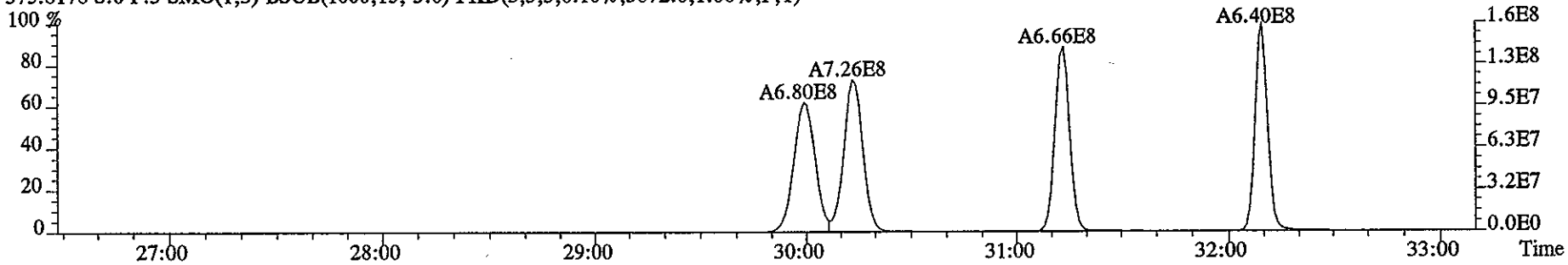


File:09DE051D5 #1-450 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN

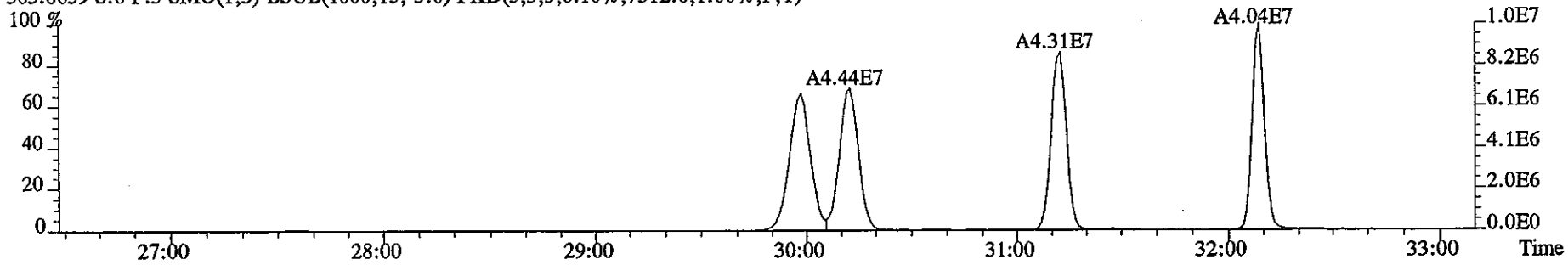
373.8208 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4264.0,1.00%,F,T)



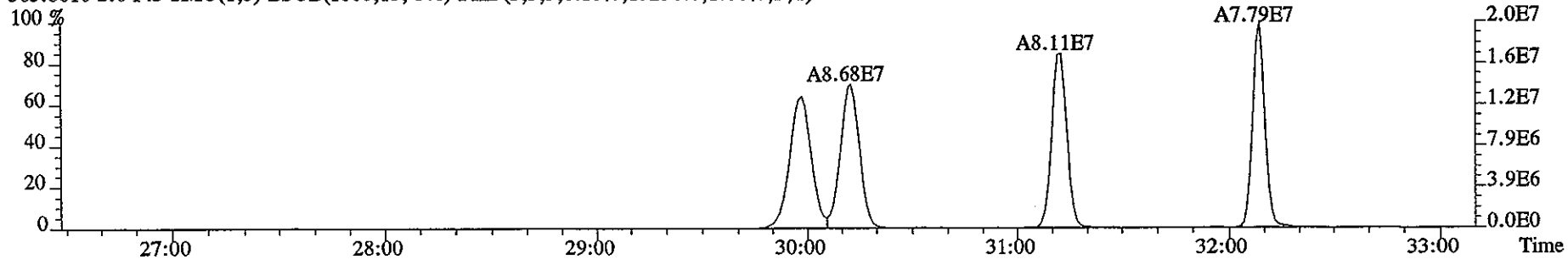
375.8178 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3872.0,1.00%,F,T)



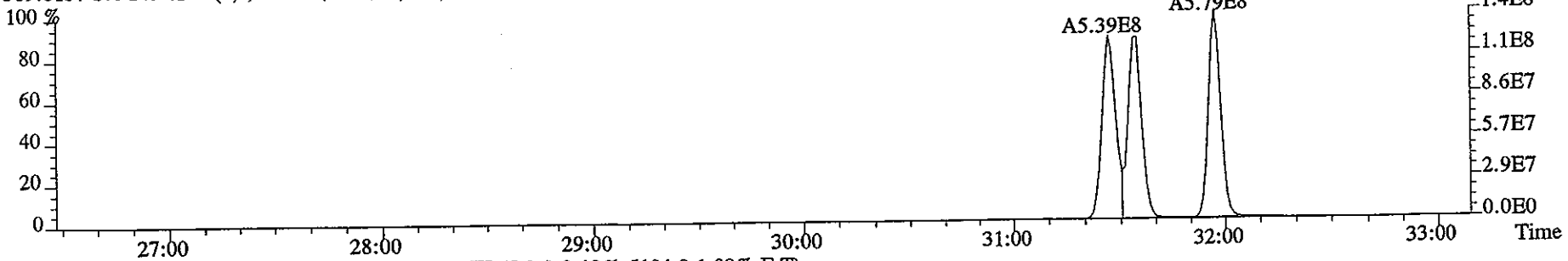
383.8639 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7512.0,1.00%,F,T)



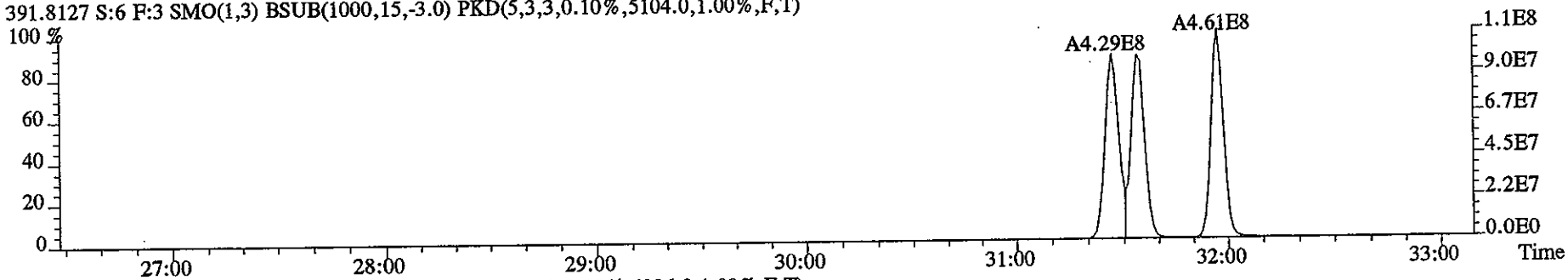
385.8610 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15236.0,1.00%,F,T)



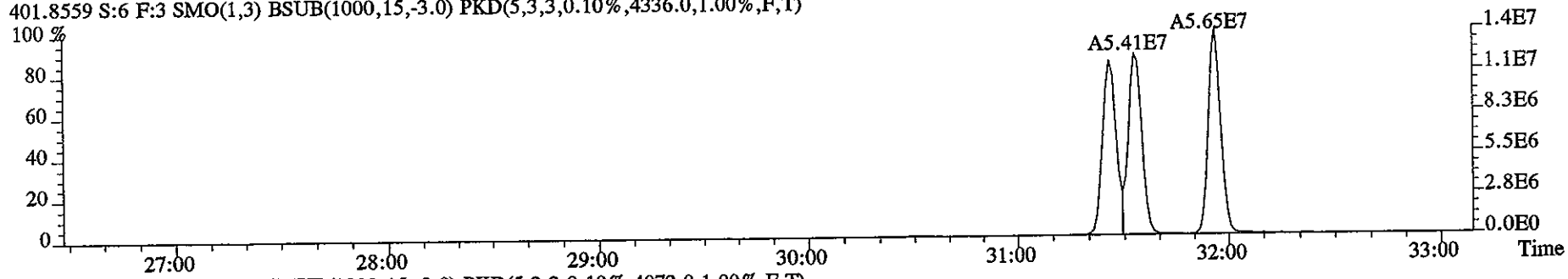
File:09DE051D5 #1-450 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
389.8157 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3956.0,1.00%,F,T)



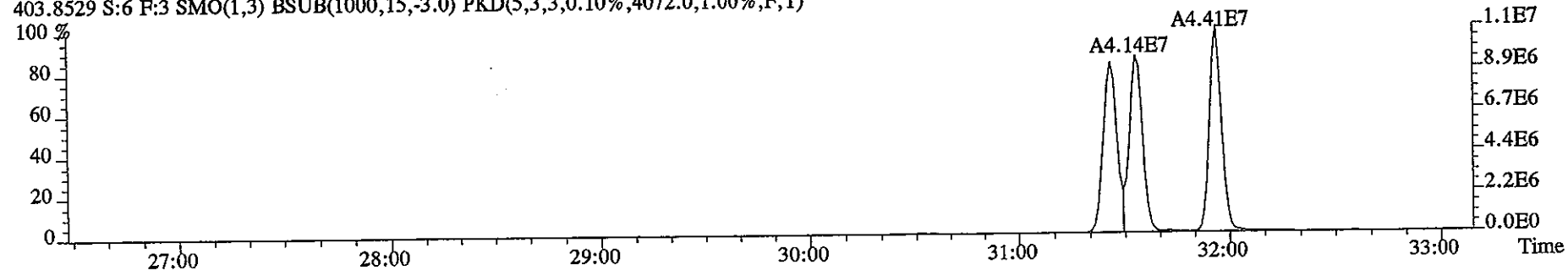
391.8127 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5104.0,1.00%,F,T)



401.8559 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4336.0,1.00%,F,T)

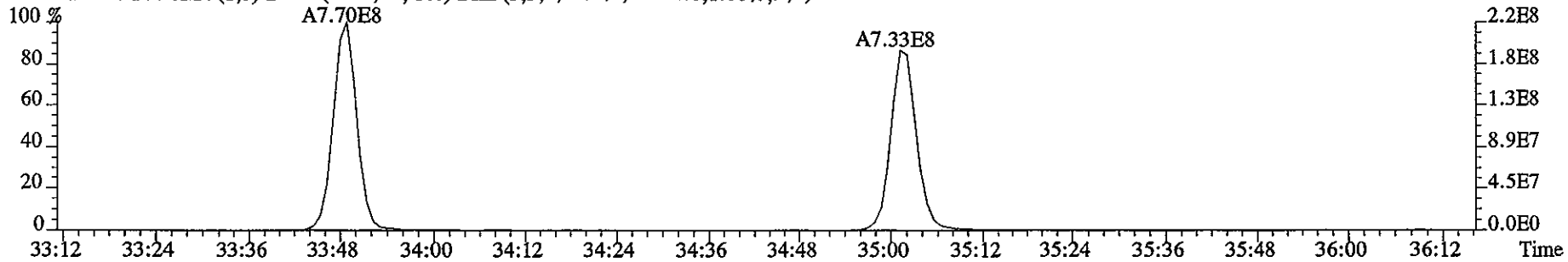


403.8529 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4072.0,1.00%,F,T)

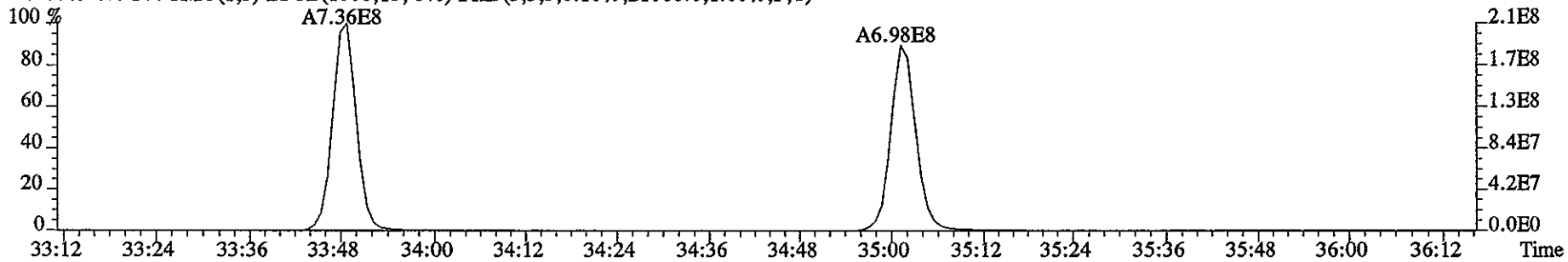


File:09DE051D5 #1-218 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN

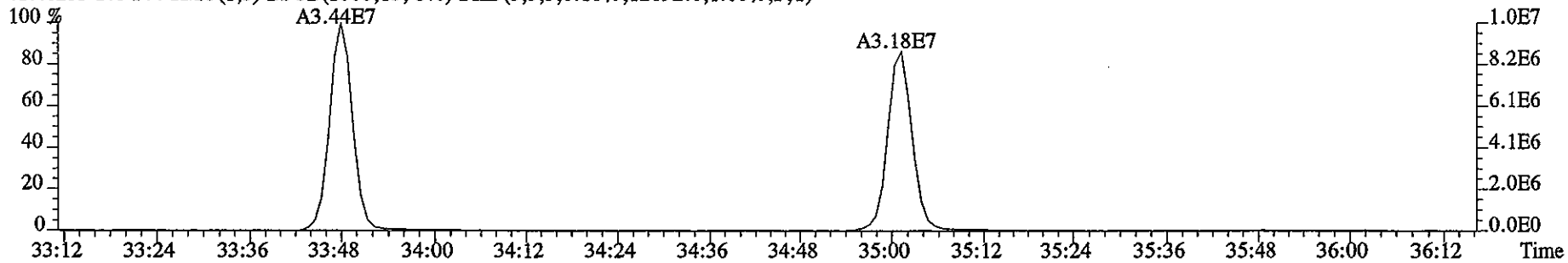
407.7818 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,29744.0,1.00%,F,T)



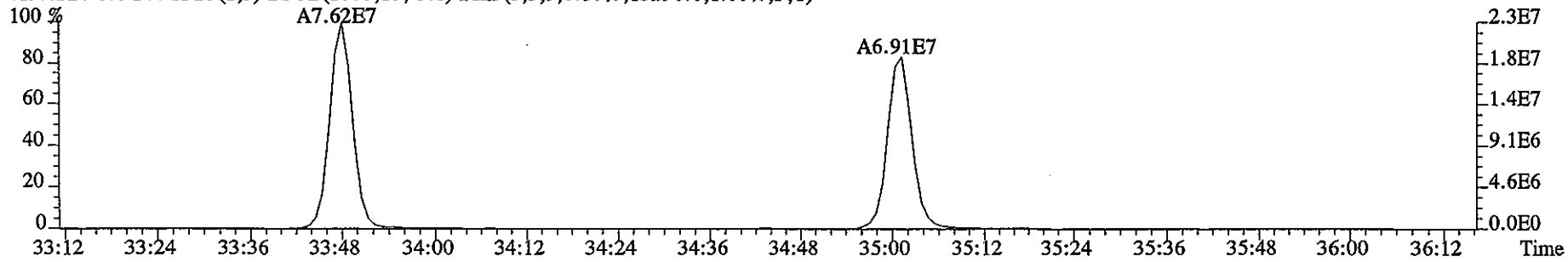
409.7789 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21068.0,1.00%,F,T)



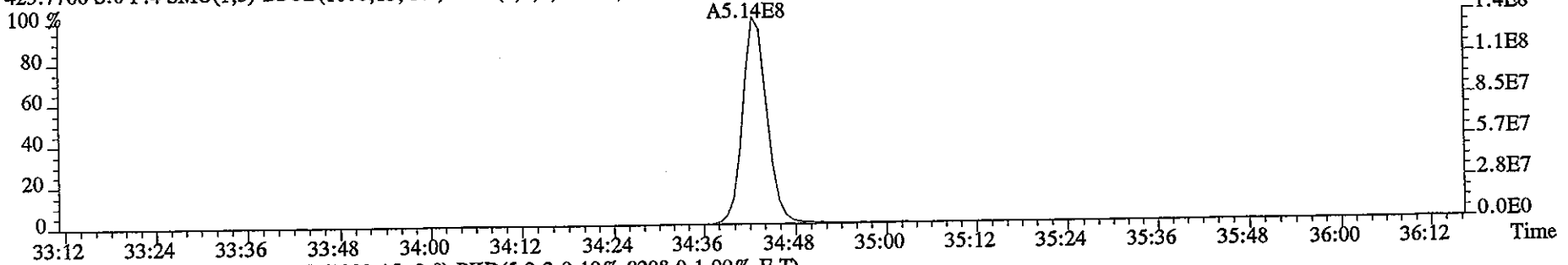
417.8253 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12692.0,1.00%,F,T)



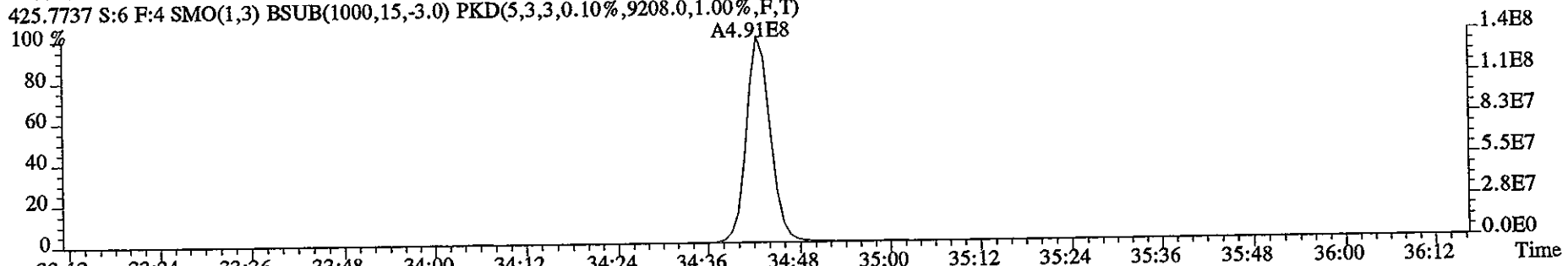
419.8220 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15296.0,1.00%,F,T)



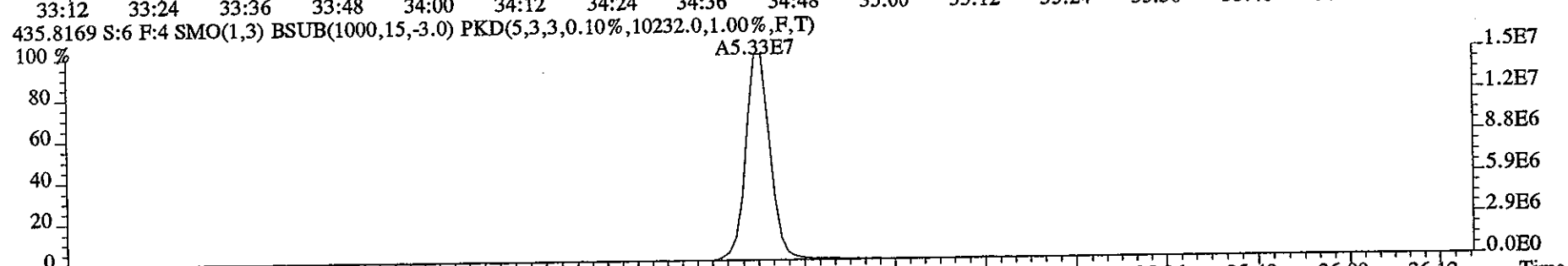
File:09DE051D5 #1-218 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
423.7766 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14816.0,1.00%,F,T)



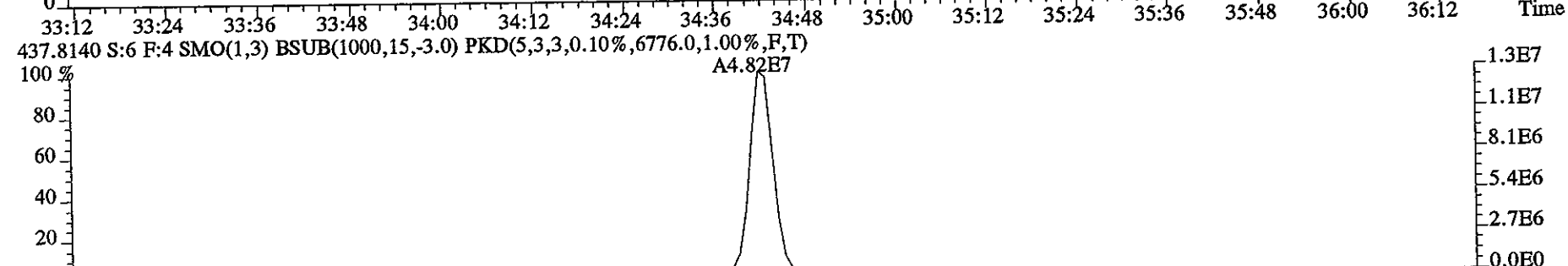
425.7737 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9208.0,1.00%,F,T)



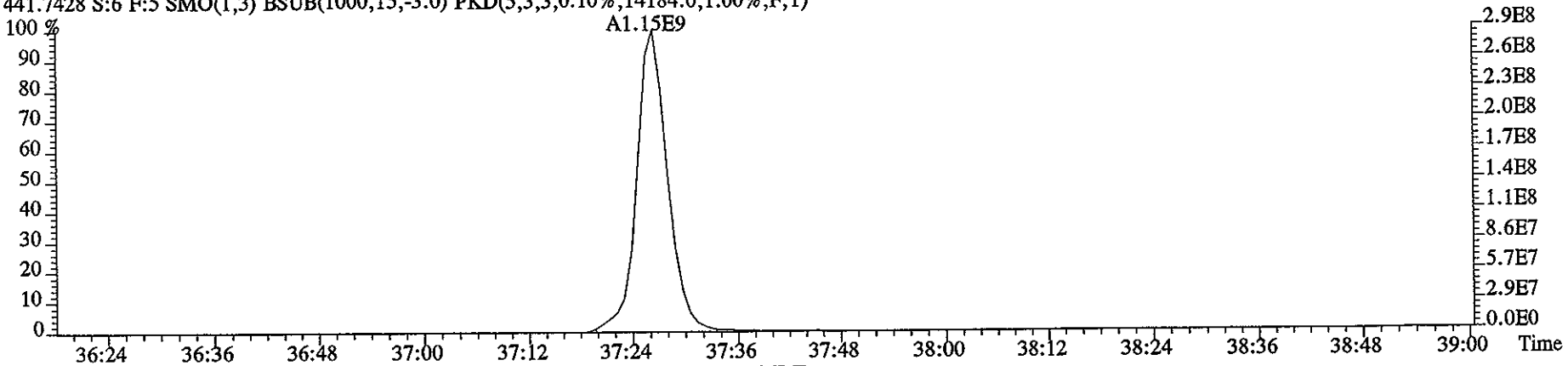
435.8169 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10232.0,1.00%,F,T)



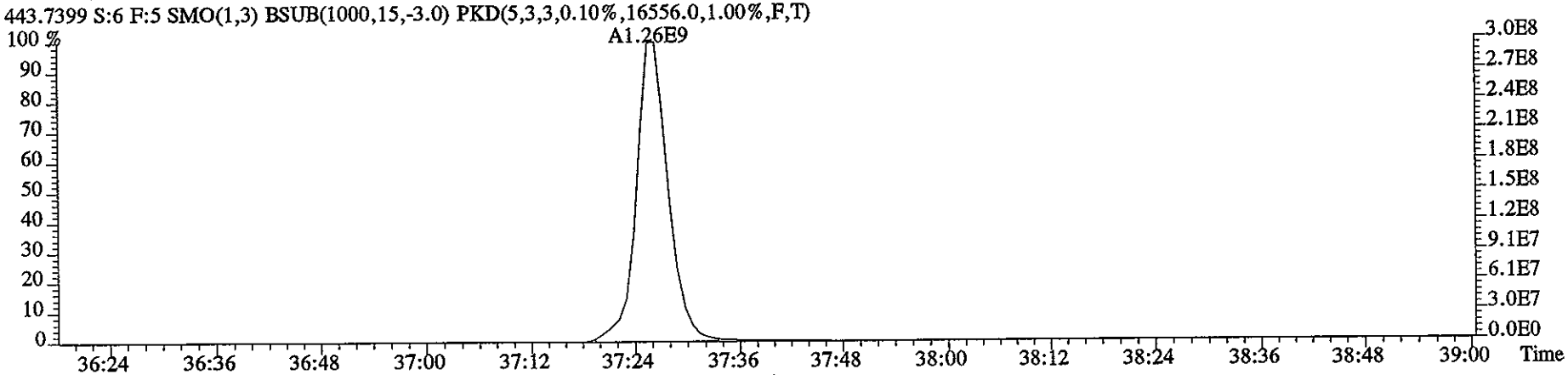
437.8140 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6776.0,1.00%,F,T)



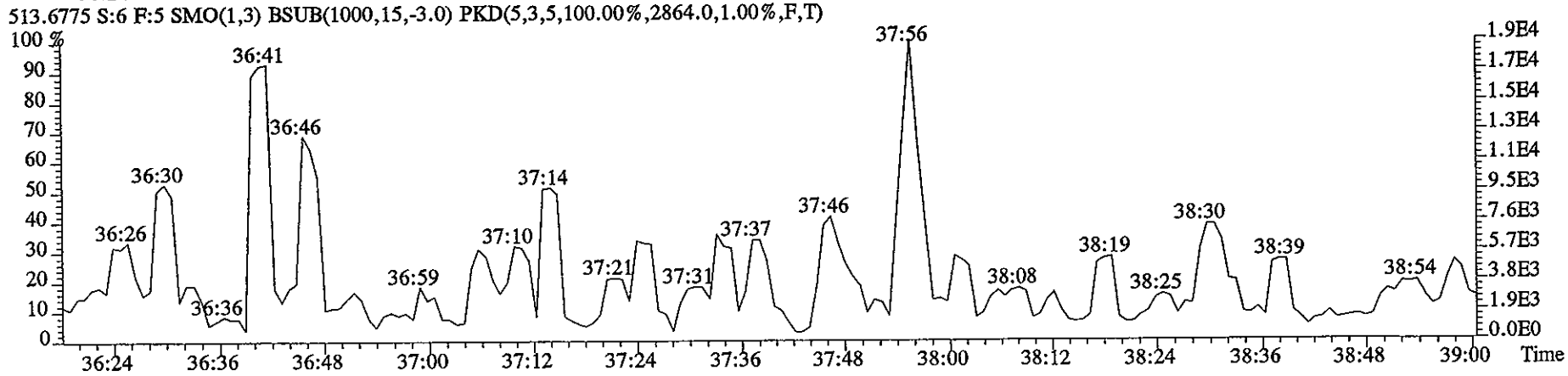
File:09DE051D5 #1-196 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
441.7428 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14184.0,1.00%,F,T)



443.7399 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16556.0,1.00%,F,T)

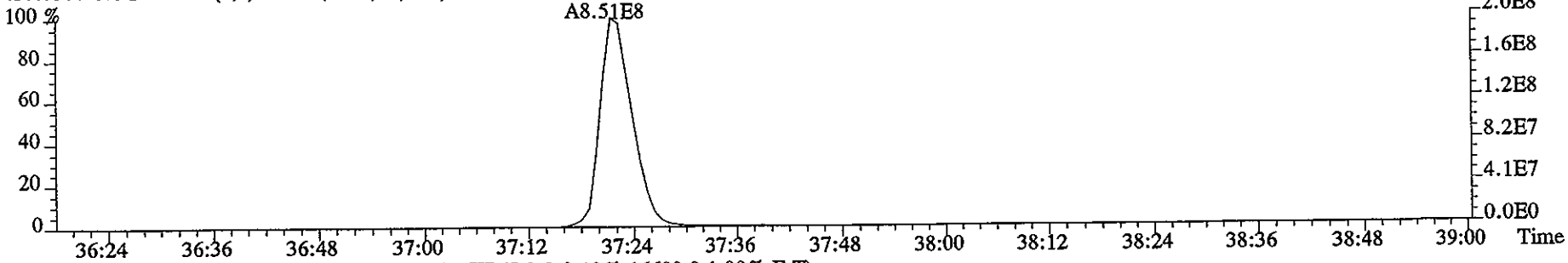


513.6775 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2864.0,1.00%,F,T)

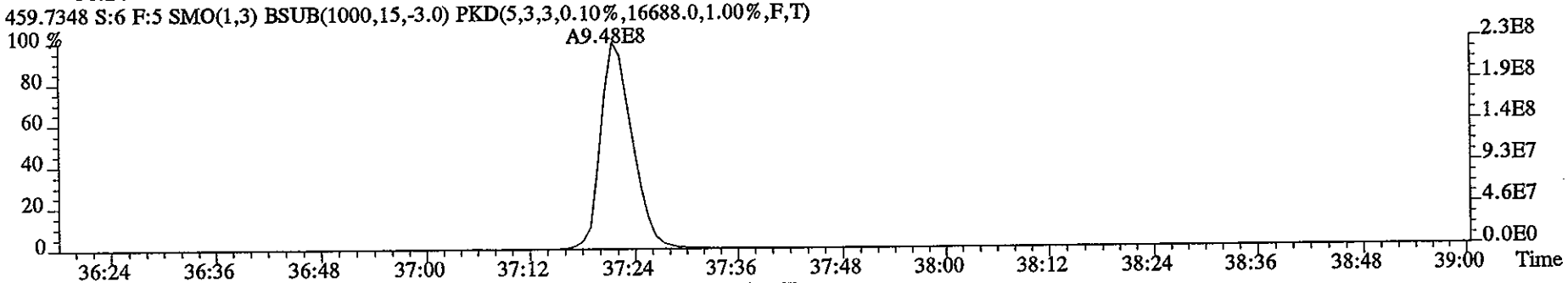


File:09DE051D5 #1-196 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN

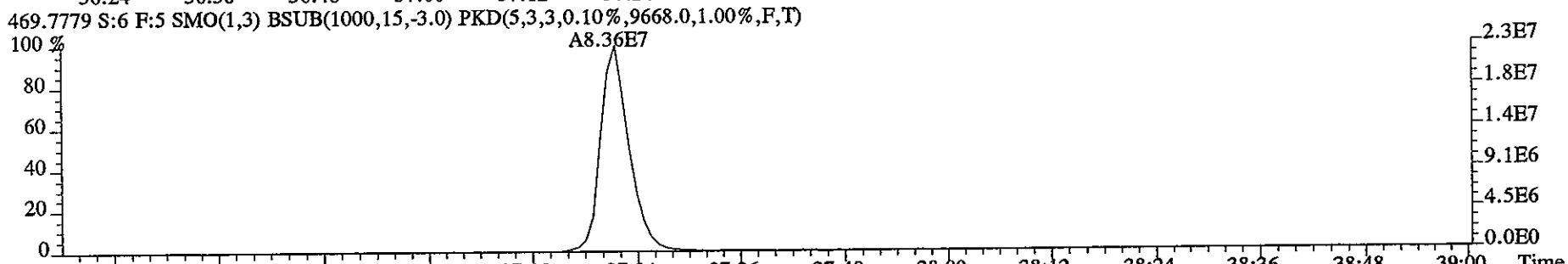
457.7377 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18396.0,1.00%,F,T)



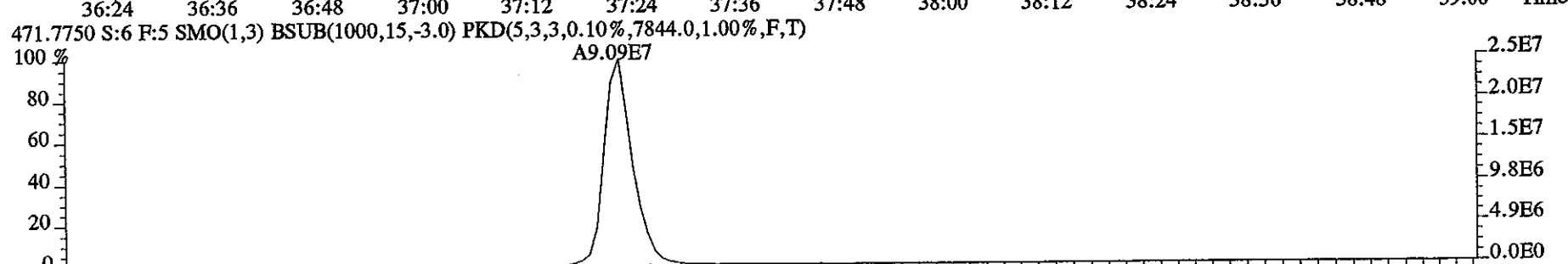
459.7348 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16688.0,1.00%,F,T)



469.7779 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9668.0,1.00%,F,T)

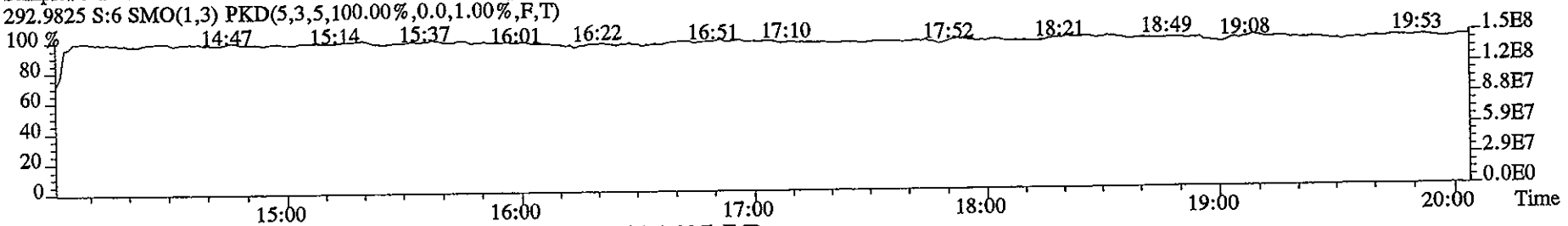


471.7750 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7844.0,1.00%,F,T)

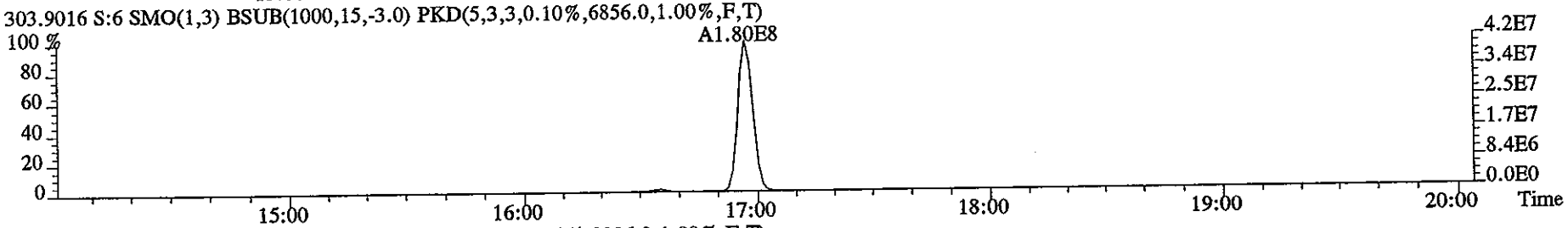


File:09DE051D5 #1-329 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN

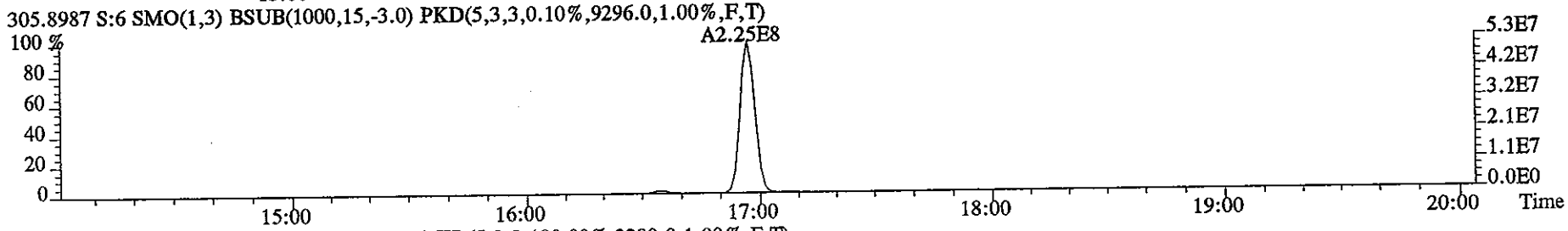
292.9825 S:6 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



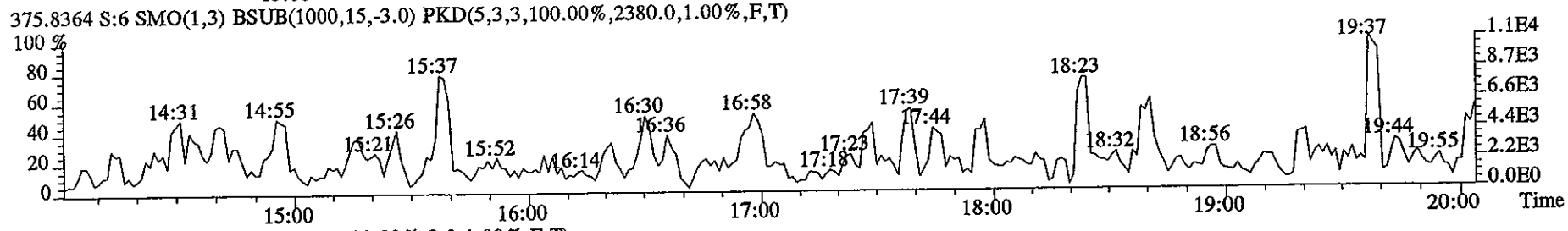
303.9016 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6856.0,1.00%,F,T)



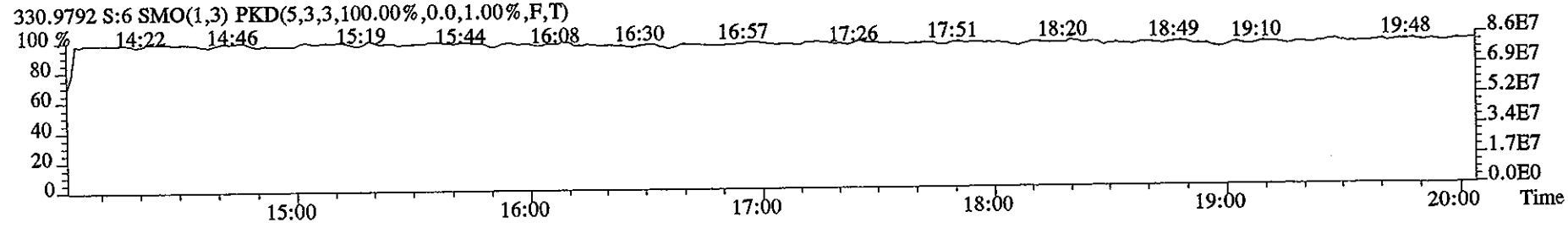
305.8987 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9296.0,1.00%,F,T)



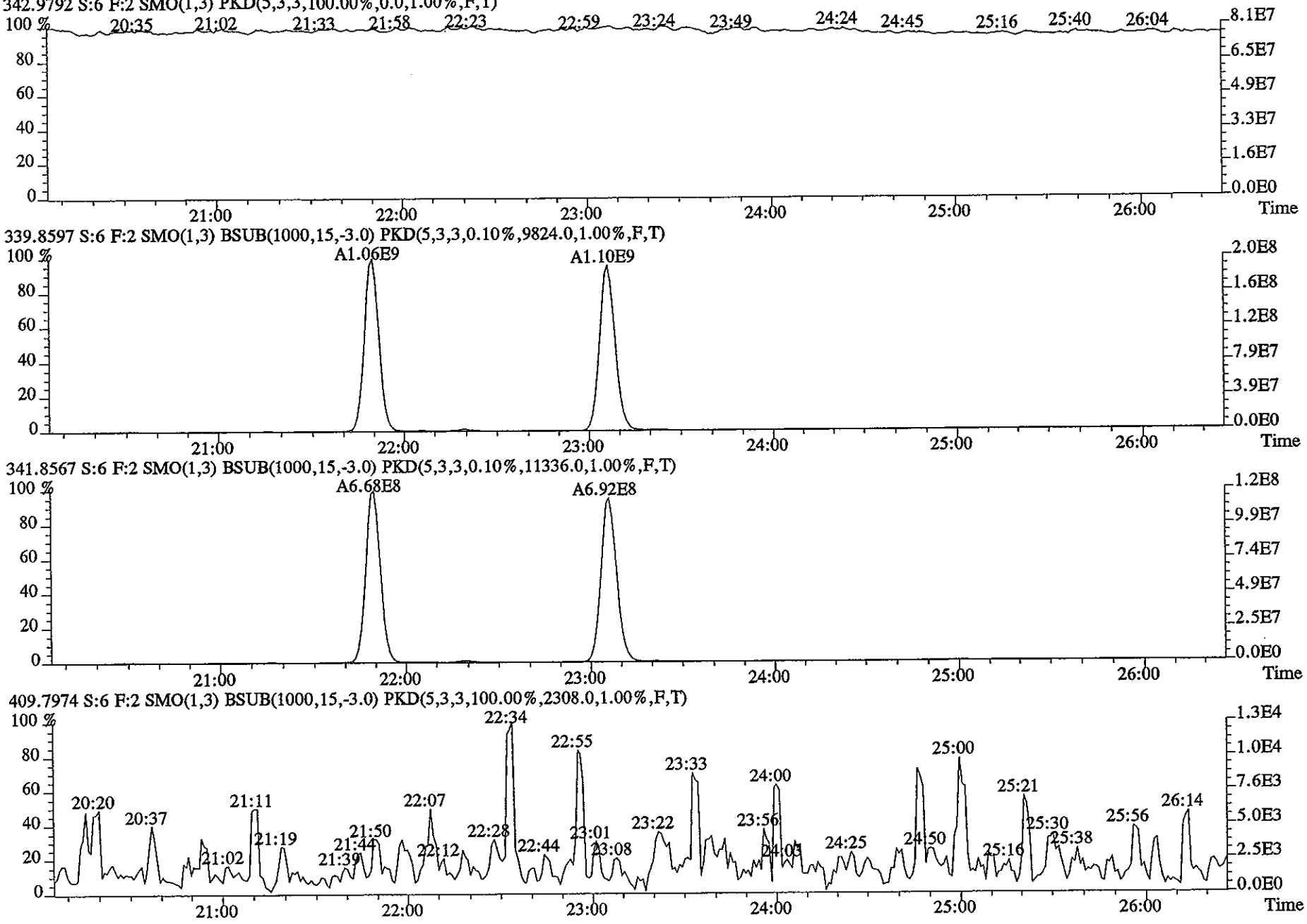
375.8364 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2380.0,1.00%,F,T)



330.9792 S:6 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

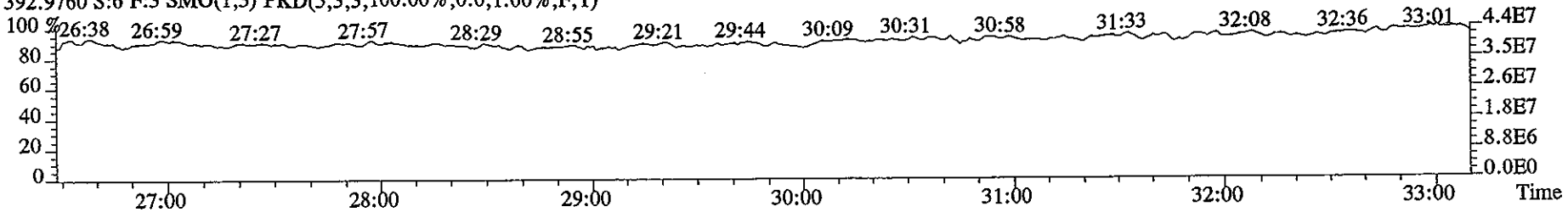


File:09DE051D5 #1-448 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN

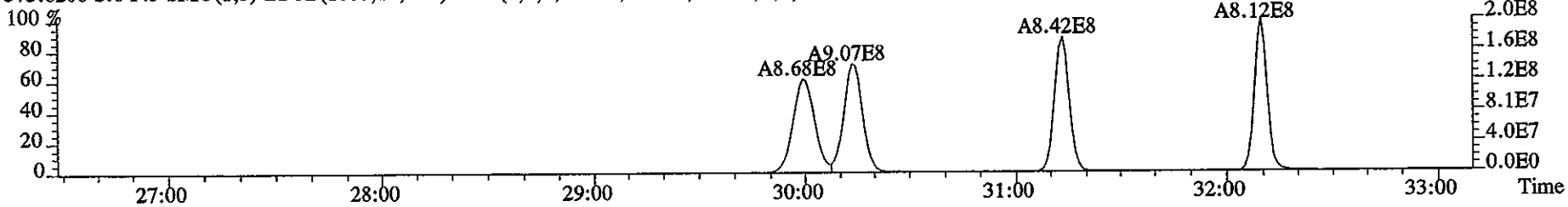


File:09DE051D5 #1-450 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN

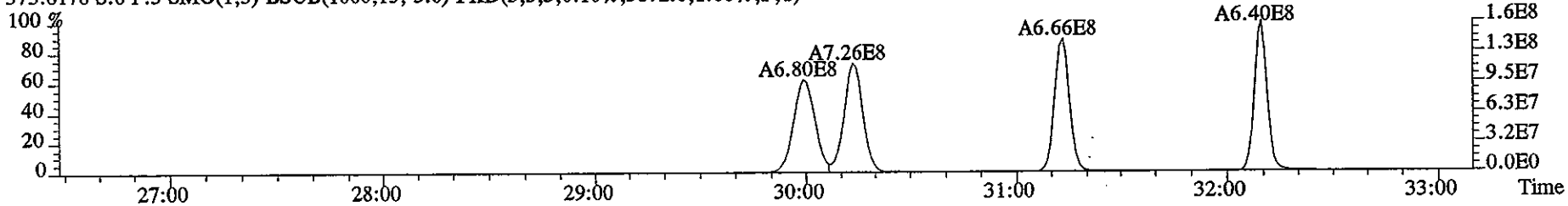
392.9760 S:6 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



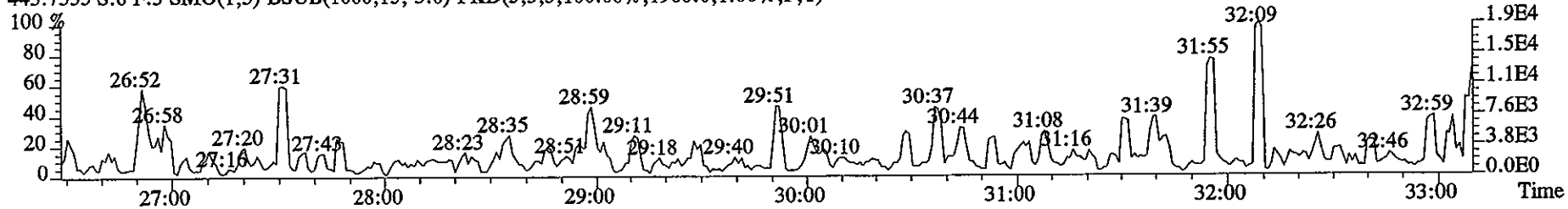
373.8208 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4264.0,1.00%,F,T)



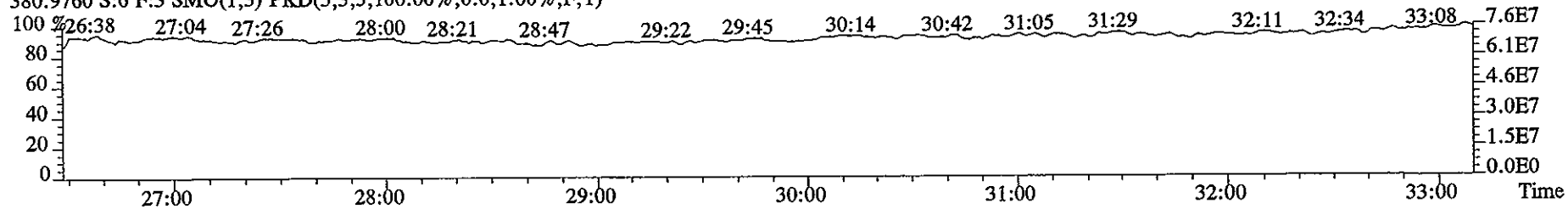
375.8178 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3872.0,1.00%,F,T)



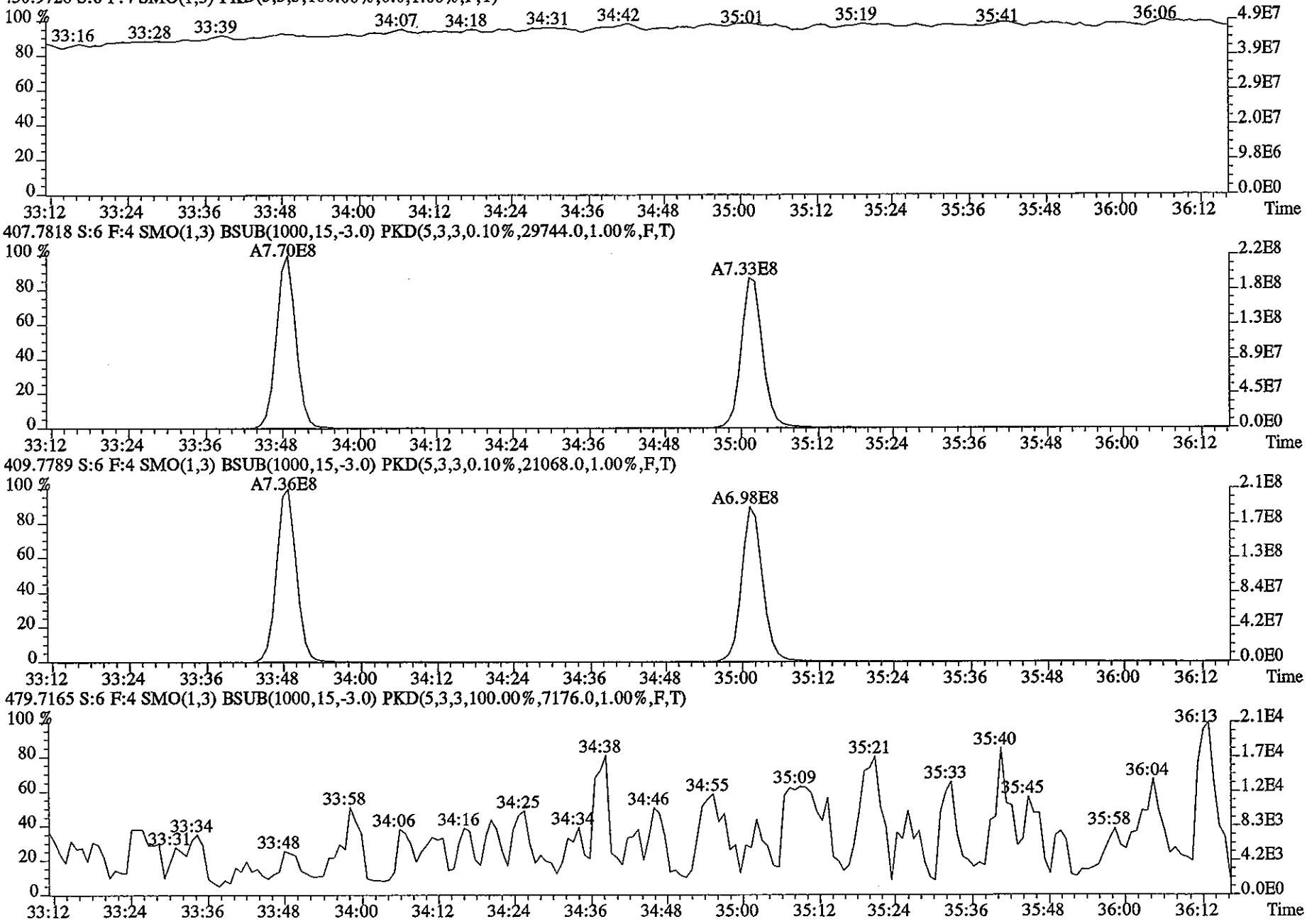
445.7555 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1960.0,1.00%,F,T)



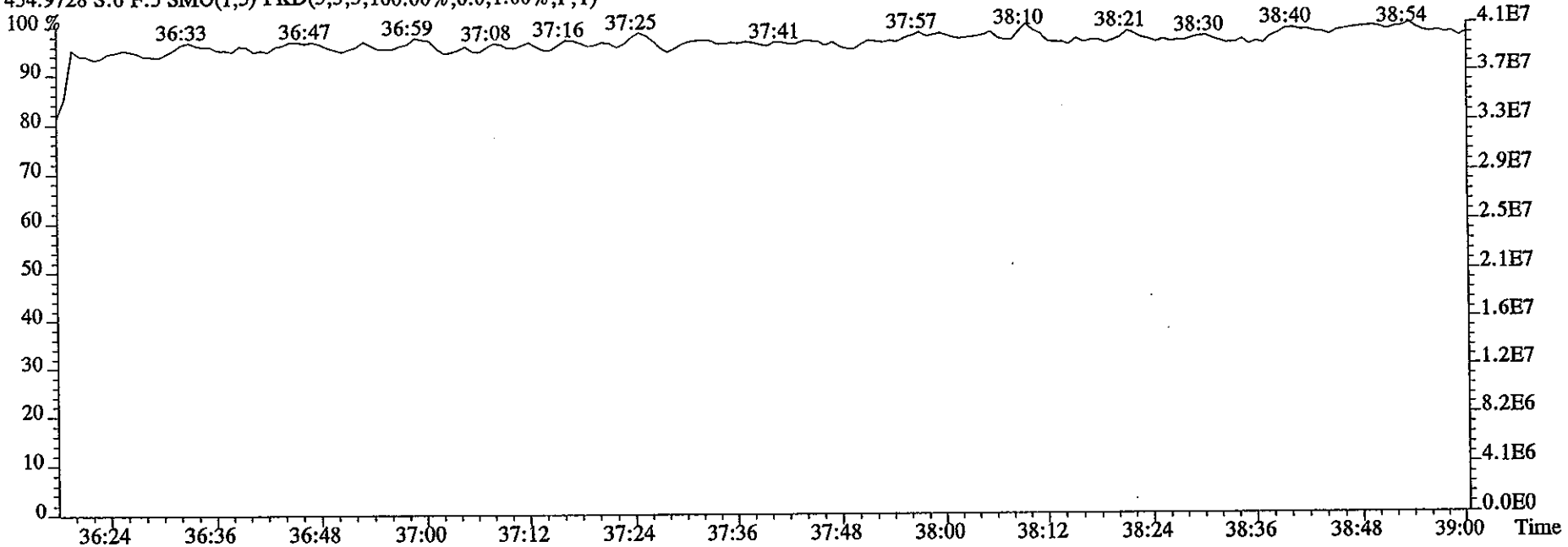
380.9760 S:6 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



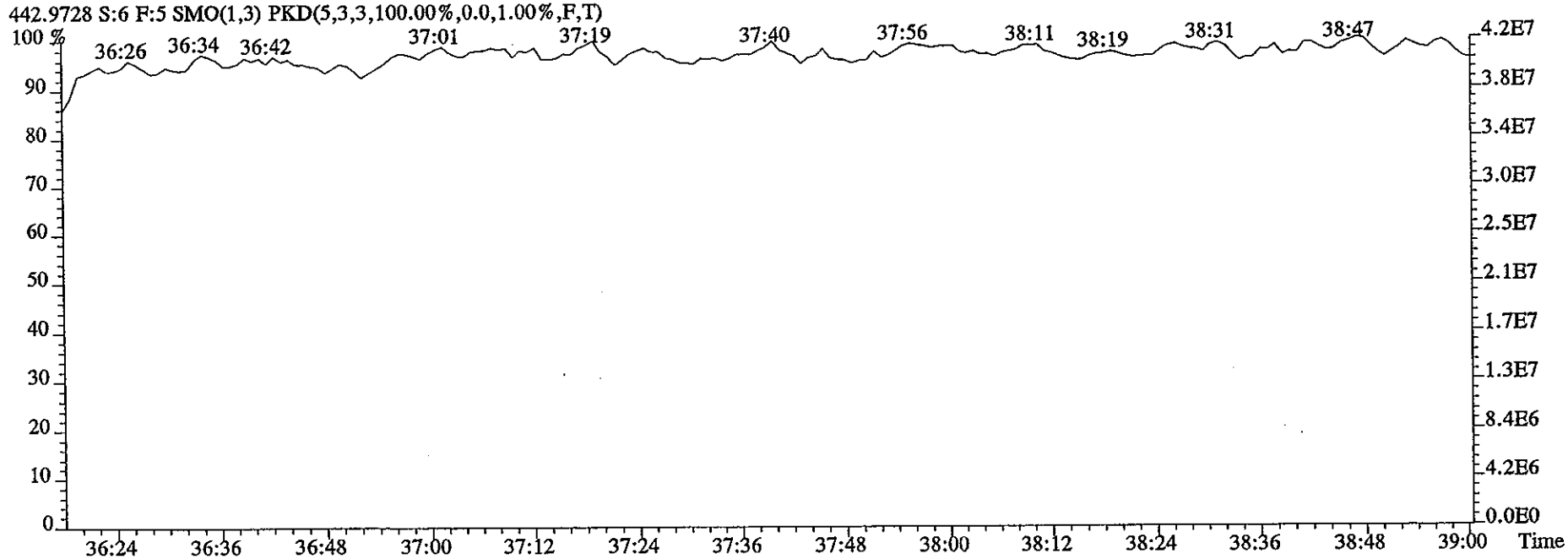
File:09DE051D5 #1-218 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN



File:09DE051D5 #1-196 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
454.9728 S:6 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:6 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

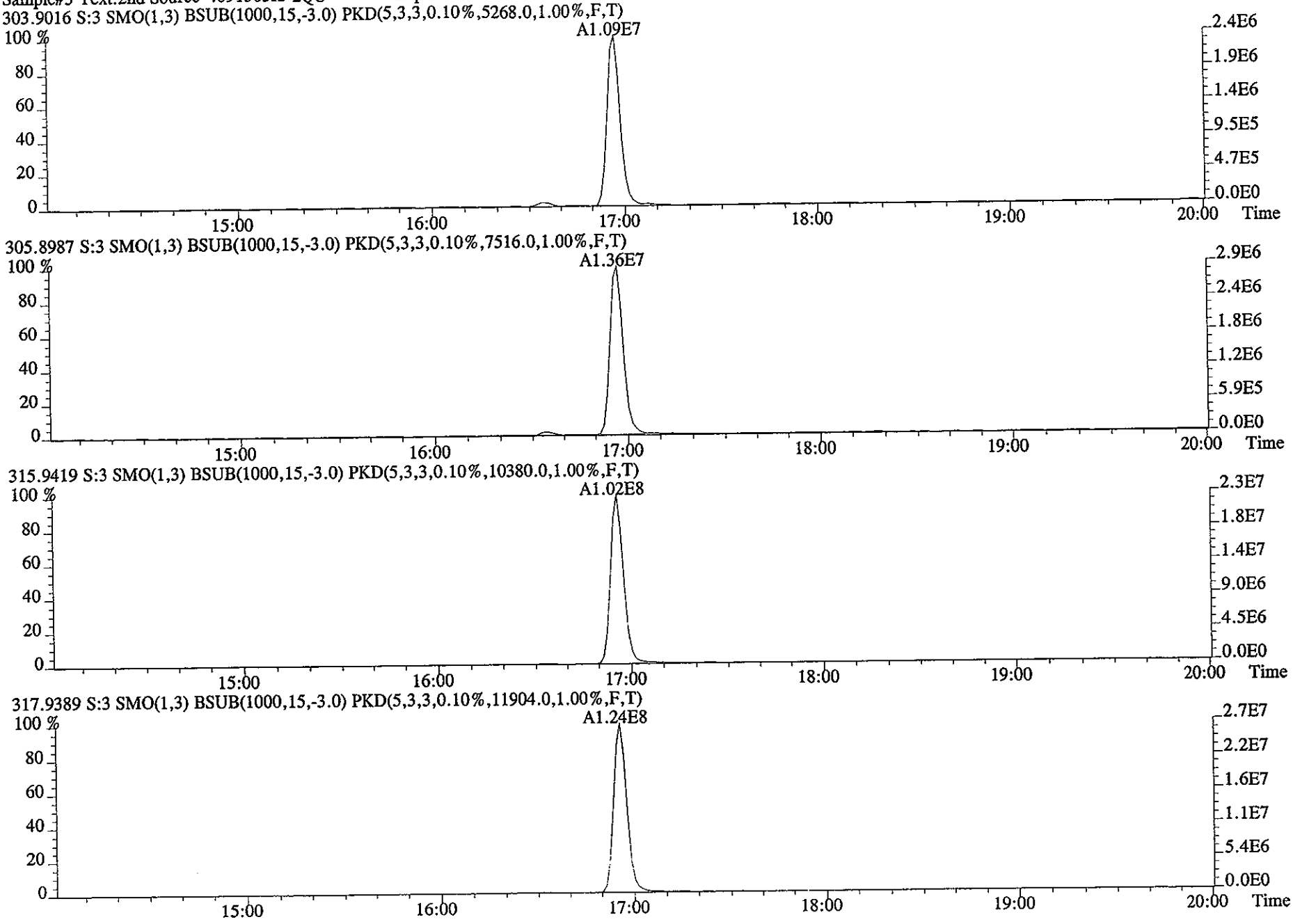


Run text: 2nd Source Sample text: 2nd Source :091305IS-2QC
Run #7 Filename: 12DE051D5 S: 3 I: 1 Results: 12DE051D51613
Acquired: 12-DEC-05 10:06:43 Processed: 13-DEC-05 08:24:43
Run: 12DE051D5 Analyte: 1613 Cal: 16131209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 1.000000SAMP

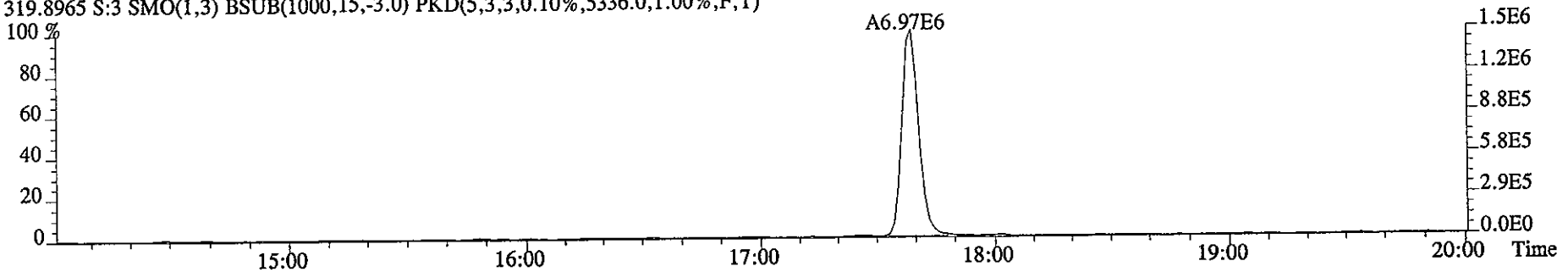
Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	132167100	0.82	y	17:26	-	126.31	-	6.3	n
13C-2,3,7,8-TCDF	226231000	0.82	y	16:56	1.68	2034.35	2.83	101.7	n
2,3,7,8-TCDF	24515000	0.80	y	16:57	1.16	186.38	1.33	-	n
Total TCDF	25076878	0.97	n	16:35	1.16	190.65	1.33	-	n
13C-2,3,7,8-TCDD	112896400	0.81	y	17:38	0.90	1906.42	7.27	95.3	n
2,3,7,8-TCDD	15328450	0.83	y	17:39	1.32	205.35	2.10	-	n
Total TCDD	15328450	0.83	y	17:39	1.32	205.35	2.10	-	n
37Cl-2,3,7,8-TCDD	189209	1.00	y	17:39	2.44	1.17	0.93	0.1	n
13C-1,2,3,7,8-PeCDF	196795700	1.61	y	21:51	1.54	1927.60	3.18	96.4	n
1,2,3,7,8-PeCDF	109106300	1.60	y	21:51	1.00	1104.03	3.38	-	n
13C-2,3,4,7,8-PeCDF	189391300	1.62	y	23:07	1.55	1847.35	3.17	92.4	n
2,3,4,7,8-PeCDF	107669000	1.62	y	23:09	1.05	1088.04	3.58	-	n
Total F2 PeCDF	218986919	1.52	y	20:34	1.02	2214.42	3.48	-	n
Total F1 PeCDF	70694	0.52	n	15:09	1.02	0.71	1.51	-	n
13C-1,2,3,7,8-PeCDD	123572400	1.65	y	23:50	0.91	2046.01	3.11	102.3	n
1,2,3,7,8-PeCDD	65378400	1.58	y	23:52	1.04	1014.11	4.01	-	n
Total PeCDD	65415653	1.58	y	23:52	1.04	1014.69	4.01	-	n
13C-1,2,3,7,8,9-HxCDD	129344400	1.28	y	31:58	-	134.37	-	-	n
13C-1,2,3,4,7,8-HxCDF	144066600	0.52	y	30:01	1.38	1610.64	2.86	80.5	n
1,2,3,4,7,8-HxCDF	99602300	1.26	y	30:02	1.11	1245.07	2.46	-	n
13C-1,2,3,6,7,8-HxCDF	162837800	0.52	y	30:15	1.34	1876.71	2.95	93.8	n
1,2,3,6,7,8-HxCDF	102914700	1.28	y	30:17	1.18	1075.75	1.95	-	n
13C-2,3,4,6,7,8-HxCDF	154880300	0.52	y	31:14	1.27	1879.51	3.11	94.0	n
2,3,4,6,7,8-HxCDF	94250500	1.28	y	31:15	1.15	1053.82	1.58	-	n
13C-1,2,3,7,8,9-HxCDF	141903700	0.52	y	32:10	1.18	1855.49	3.35	92.8	n
1,2,3,7,8,9-HxCDF	87091200	1.28	y	32:11	1.19	1030.72	1.61	-	n
Total HxCDF	383858700	1.26	y	30:02	1.16	4405.37	1.90	-	n
13C-1,2,3,4,7,8-HxCDD	99045400	1.28	y	31:27	0.91	1681.91	2.91	84.1	n
1,2,3,4,7,8-HxCDD	55403300	1.38	y	31:29	1.00	1115.23	2.99	-	n
13C-1,2,3,6,7,8-HxCDD	124797100	1.27	y	31:34	0.96	2015.01	2.77	100.8	n
1,2,3,6,7,8-HxCDD	61814200	1.21	y	31:36	1.00	989.19	2.78	-	n
1,2,3,7,8,9-HxCDD	62248600	1.29	y	31:58	1.07	1039.34	2.69	-	n
Total HxCDD	180073237	3.42	n	31:14	1.02	3154.35	2.81	-	n
13C-1,2,3,4,6,7,8-HpCDF	136277700	0.45	y	33:49	1.13	1865.62	12.69	93.3	n
1,2,3,4,6,7,8-HpCDF	98438300	1.05	y	33:50	1.31	1102.23	3.73	-	n
13C-1,2,3,4,7,8,9-HpCDF	112583400	0.44	y	35:03	1.00	1739.11	14.32	87.0	n
1,2,3,4,7,8,9-HpCDF	82927800	1.05	y	35:03	1.34	1097.55	5.18	-	n
Total HpCDF	181366100	1.05	y	33:50	1.33	2199.78	4.39	-	n
13C-1,2,3,4,6,7,8-HpCDD	116164200	1.06	y	34:43	1.00	1799.70	5.62	90.0	n

1,2,3,4,6,7,8-HpCDD	58459700	1.04	y	34:44	0.95	1061.21	3.56	-	n
Total HpCDD	58843619	3.12	n	33:48	0.95	1068.18	3.56	-	n
13C-OCDD	194089800	0.92	y	37:23	0.81	3708.04	7.95	92.7	n
OCDF	134926100	0.91	y	37:28	1.32	2108.71	4.90	-	n
OCDD	103259400	0.89	y	37:23	1.00	2117.74	3.04	-	n

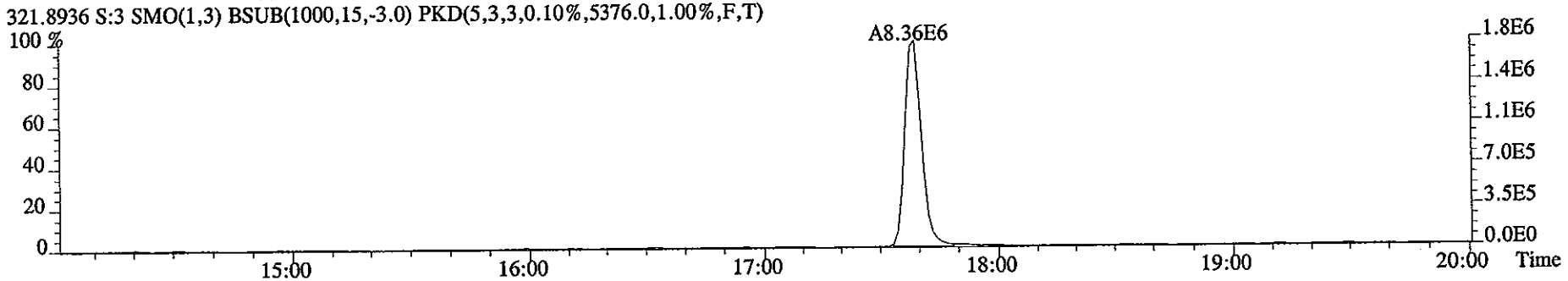
File:12DE051D5 #1-326 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN



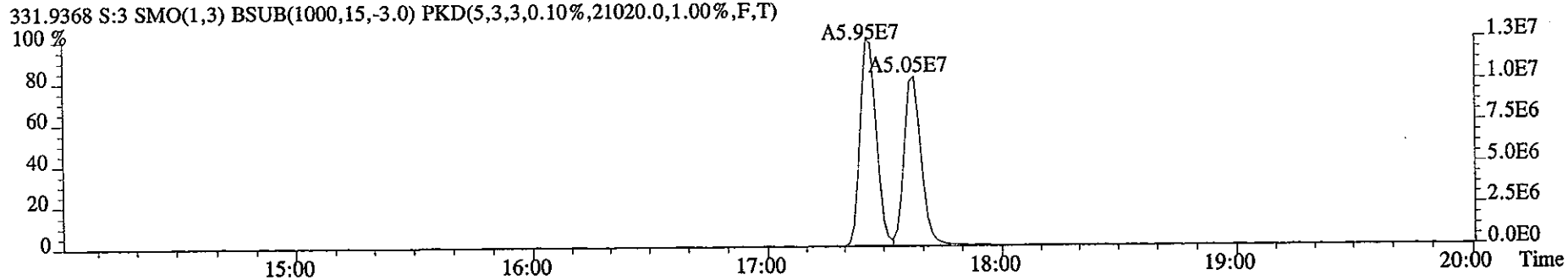
File:12DE051D5 #1-326 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
319.8965 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5336.0,1.00%,F,T)



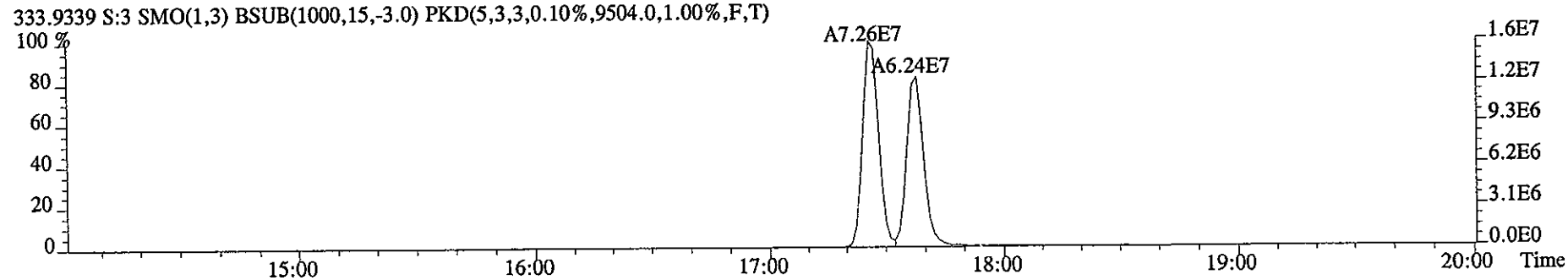
321.8936 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5376.0,1.00%,F,T)



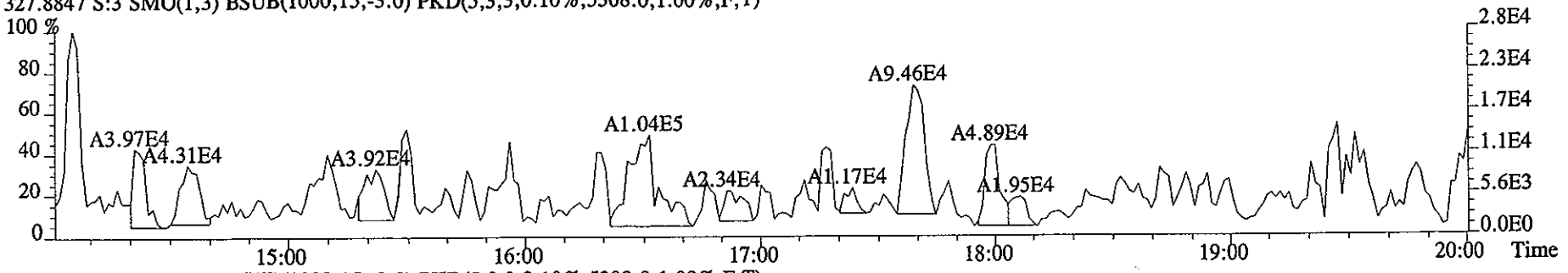
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21020.0,1.00%,F,T)



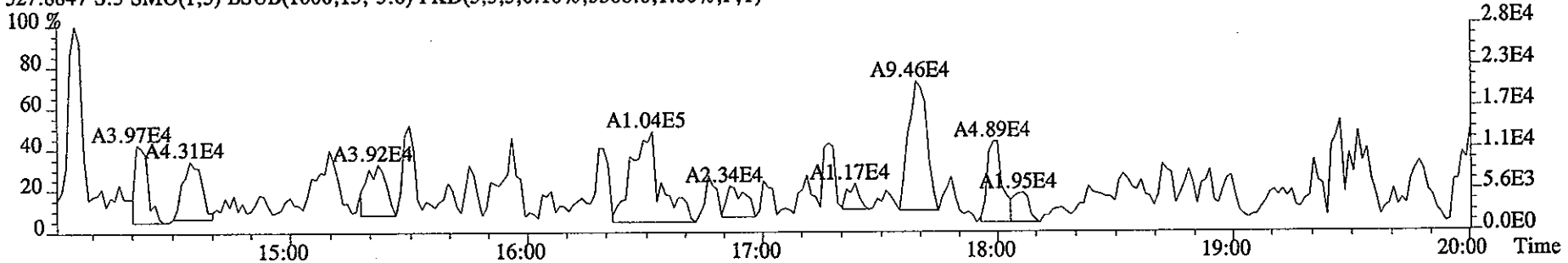
333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9504.0,1.00%,F,T)



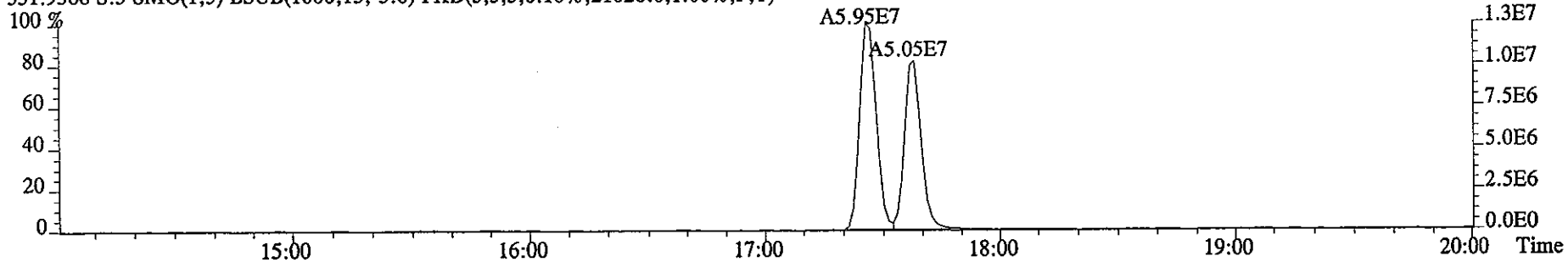
File:12DE051D5 #1-326 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5308.0,1.00%,F,T)



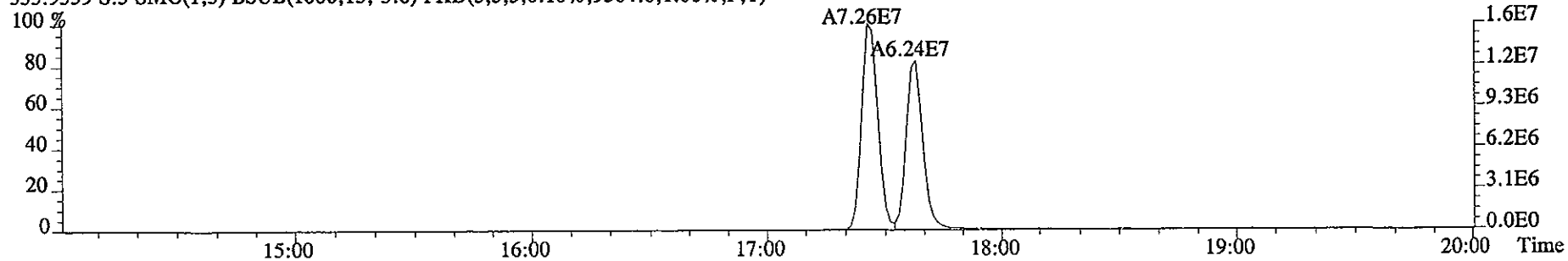
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5308.0,1.00%,F,T)



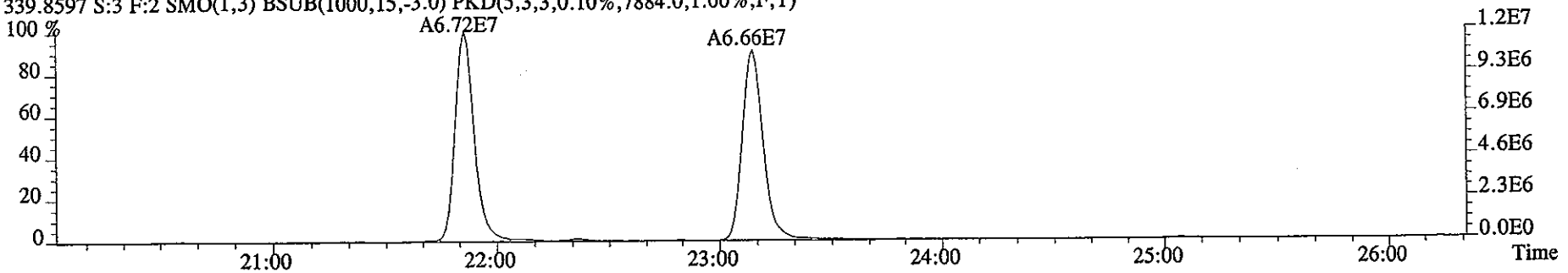
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21020.0,1.00%,F,T)



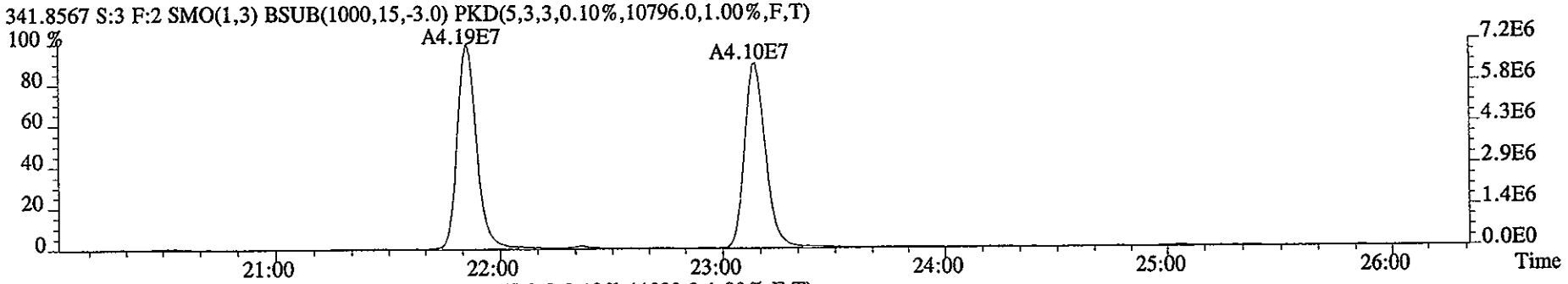
333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9504.0,1.00%,F,T)



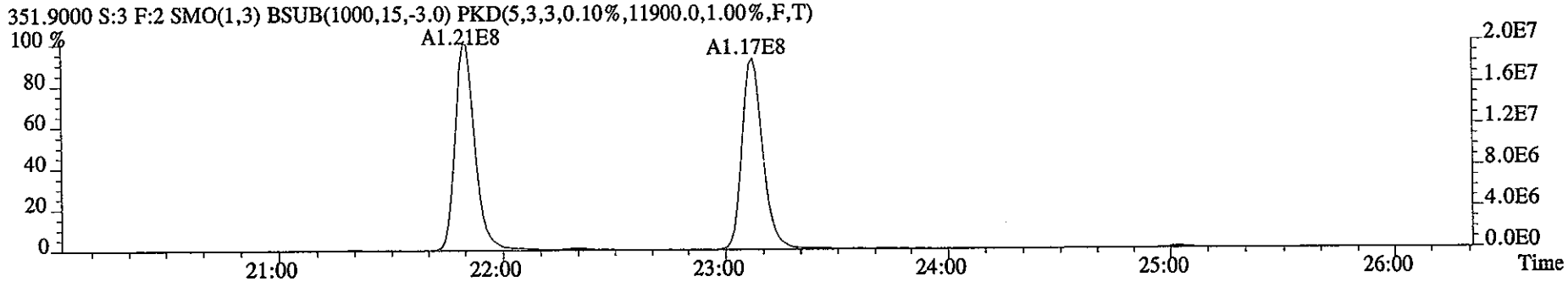
File:12DE051D5 #1-445 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7884.0,1.00%,F,T)



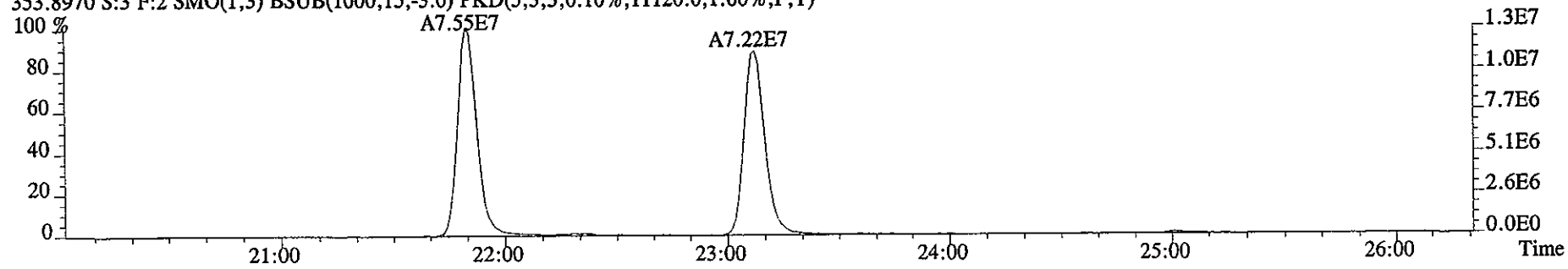
341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10796.0,1.00%,F,T)



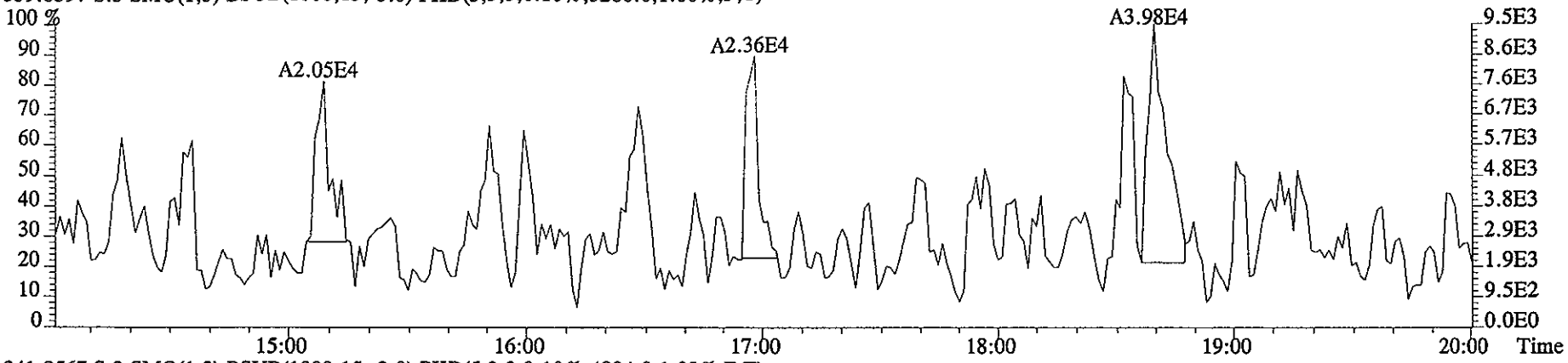
351.9000 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11900.0,1.00%,F,T)



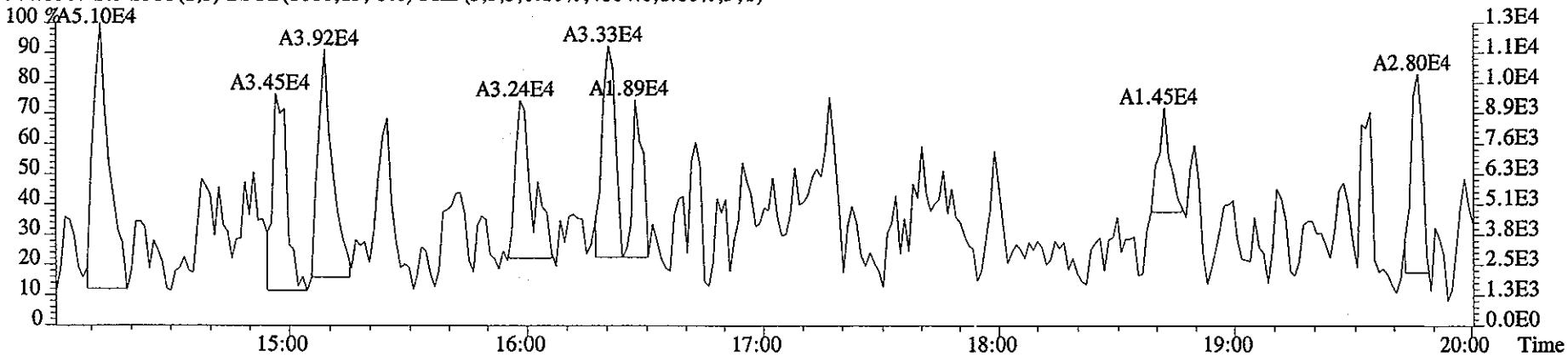
353.8970 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11120.0,1.00%,F,T)



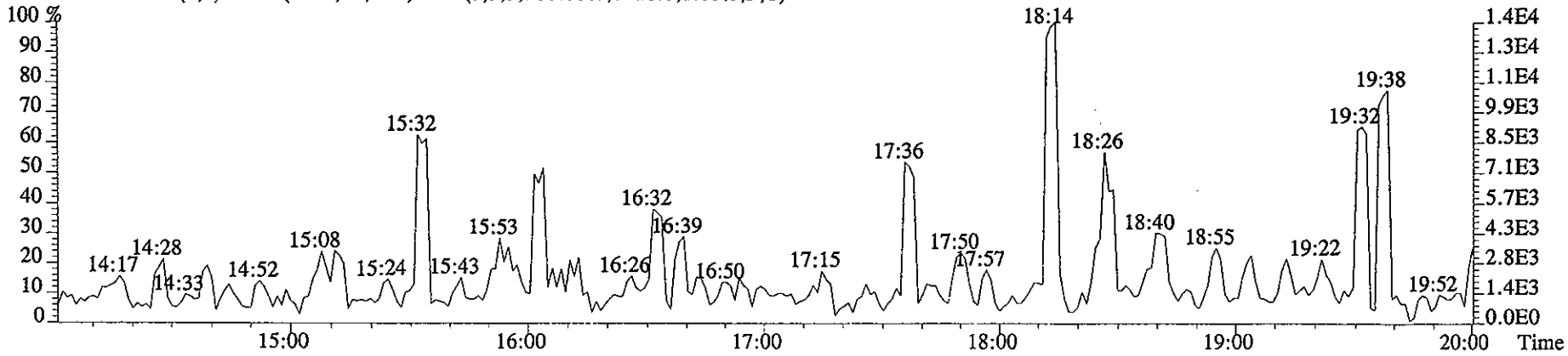
File:12DE051D5 #1-326 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
339.8597 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3280.0,1.00%,F,T)



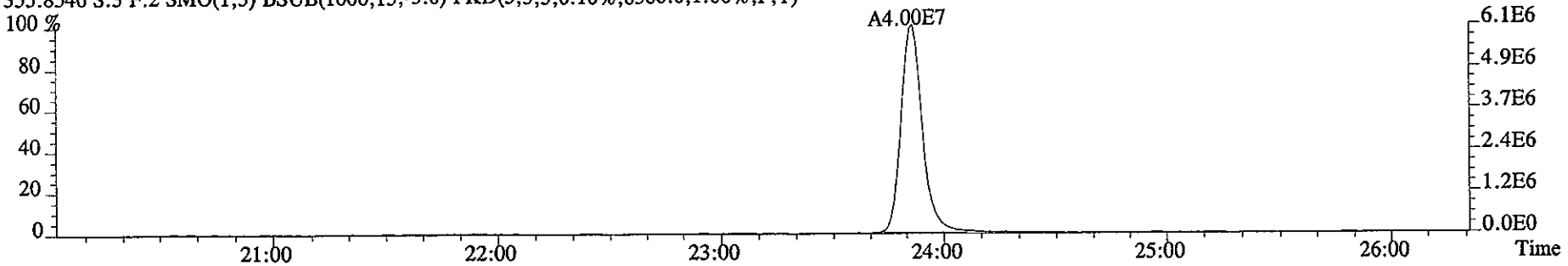
341.8567 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4804.0,1.00%,F,T)



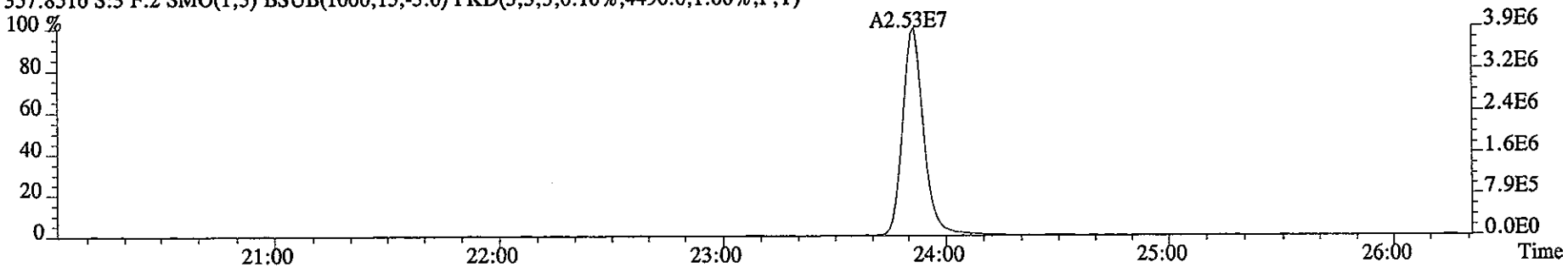
409.7974 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1728.0,1.00%,F,T)



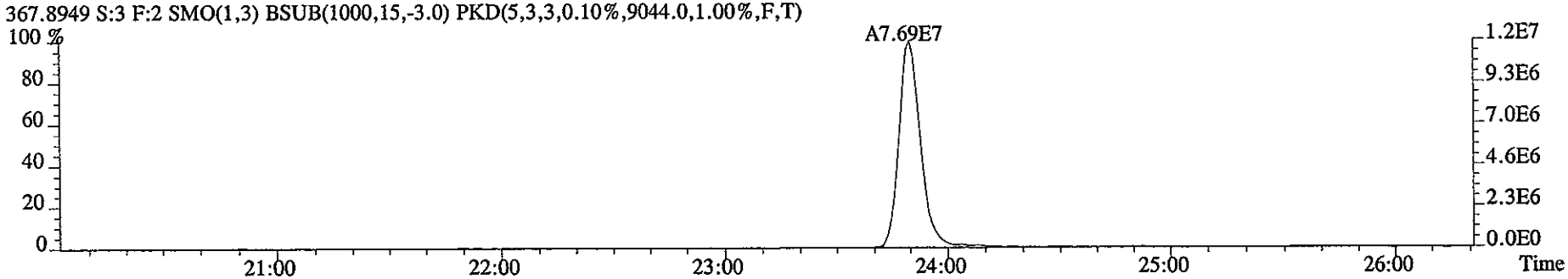
File:12DE051D5 #1-445 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
355.8546 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8388.0,1.00%,F,T)



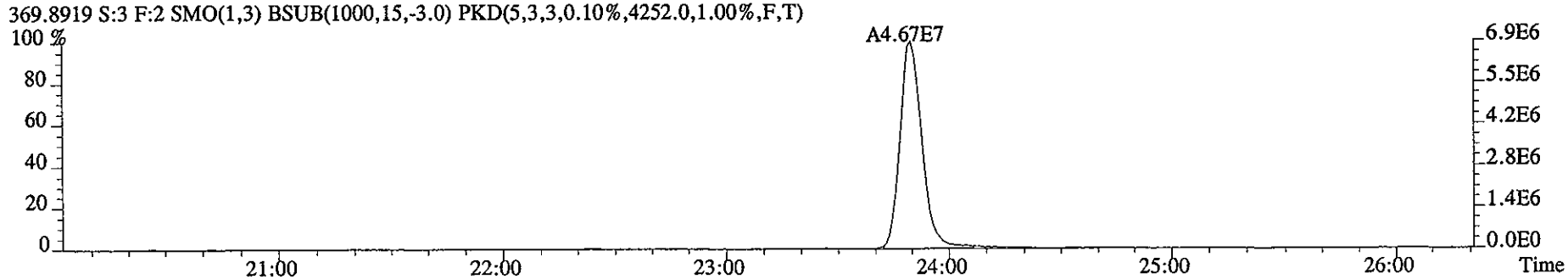
357.8516 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4496.0,1.00%,F,T)



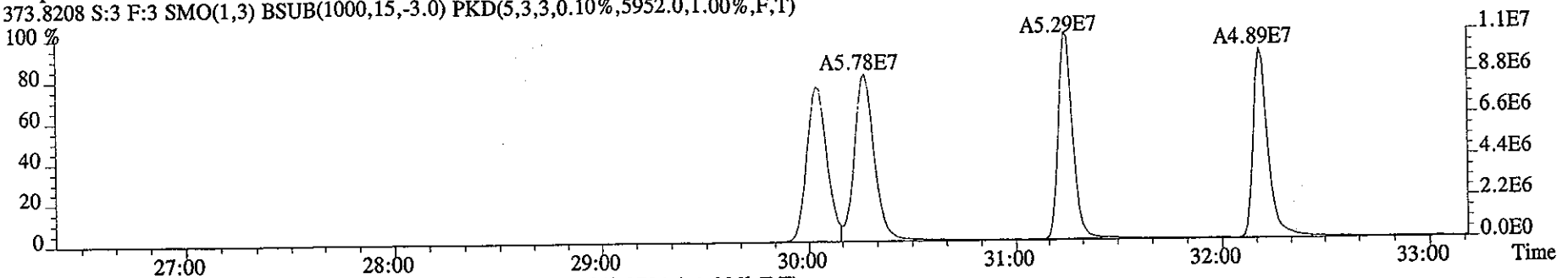
367.8949 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9044.0,1.00%,F,T)

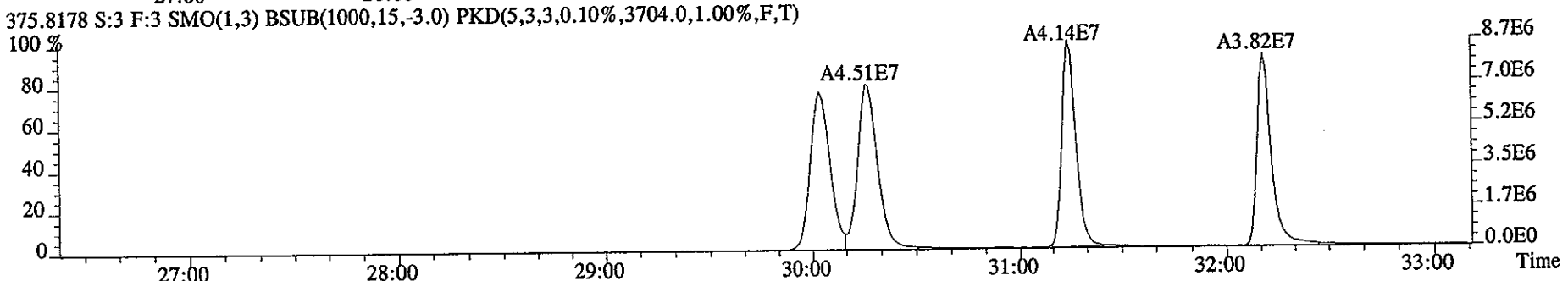


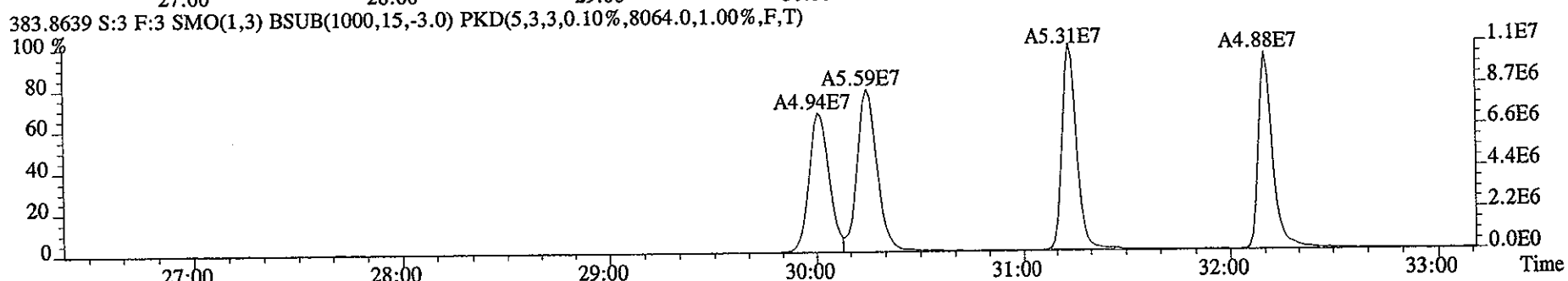
369.8919 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4252.0,1.00%,F,T)

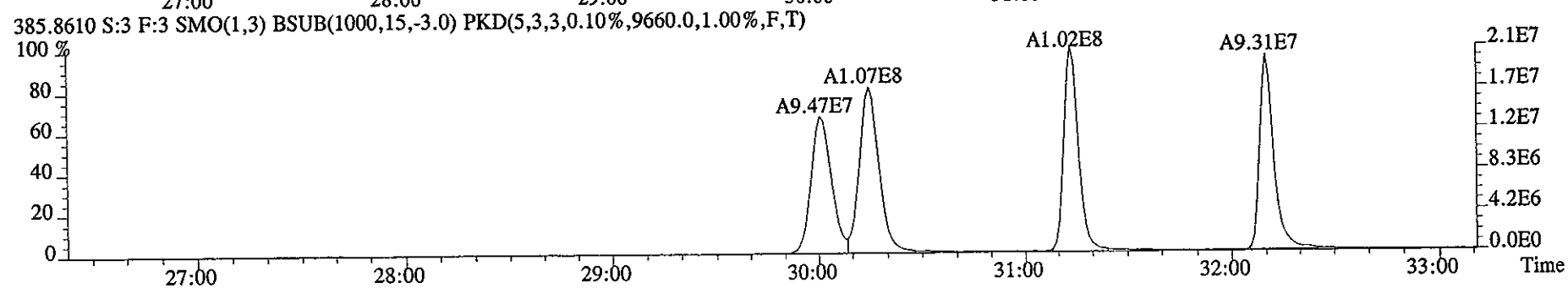


File:12DE051D5 #1-458 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN

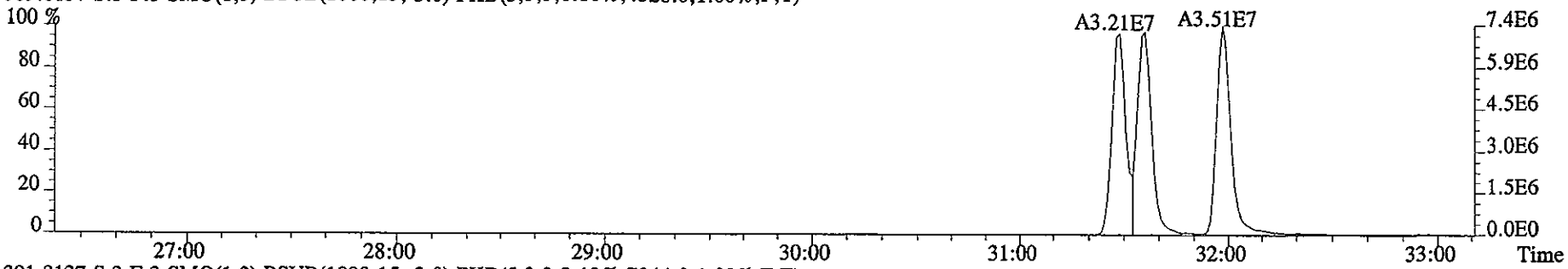




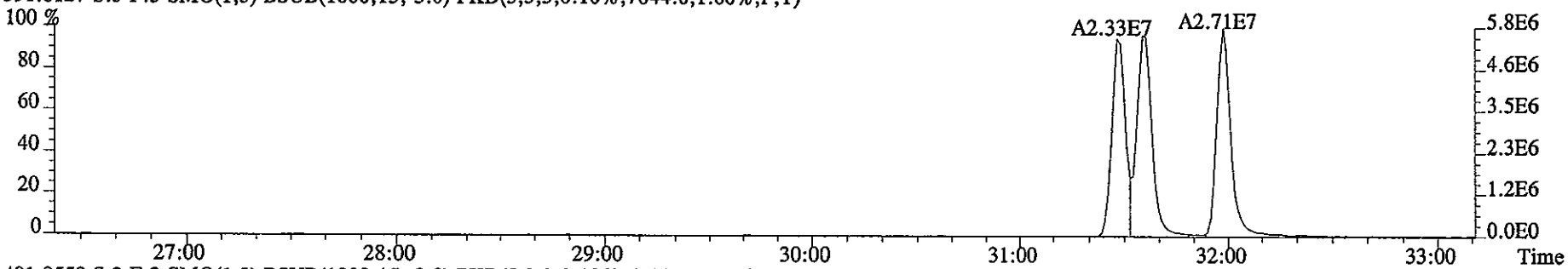




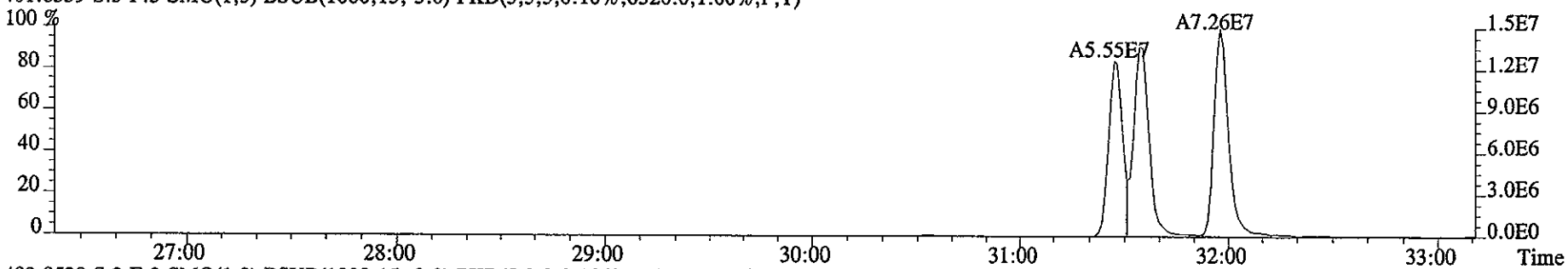
File:12DE051D5 #1-458 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
389.8157 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4328.0,1.00%,F,T)



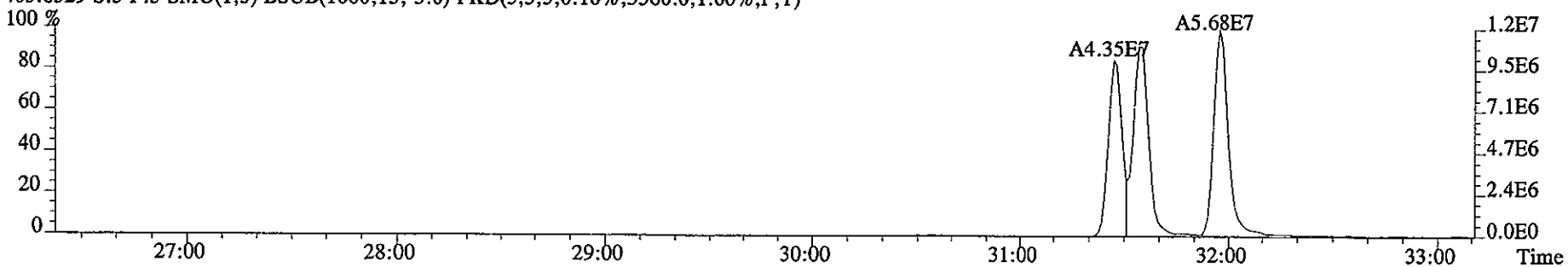
391.8127 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7044.0,1.00%,F,T)



401.8559 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6320.0,1.00%,F,T)

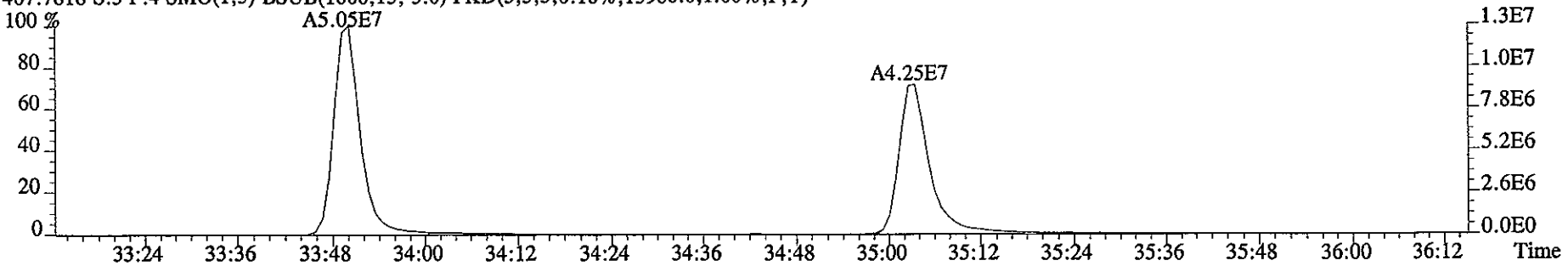


403.8529 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5560.0,1.00%,F,T)

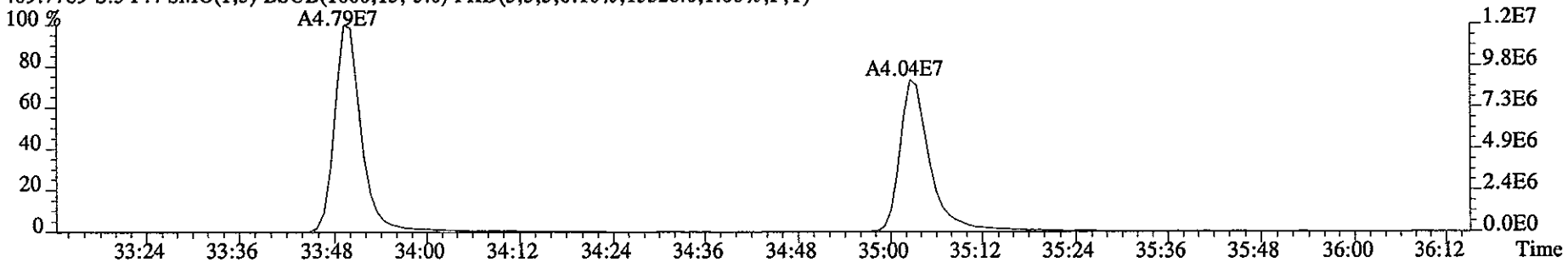


File:12DE051D5 #1-215 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN

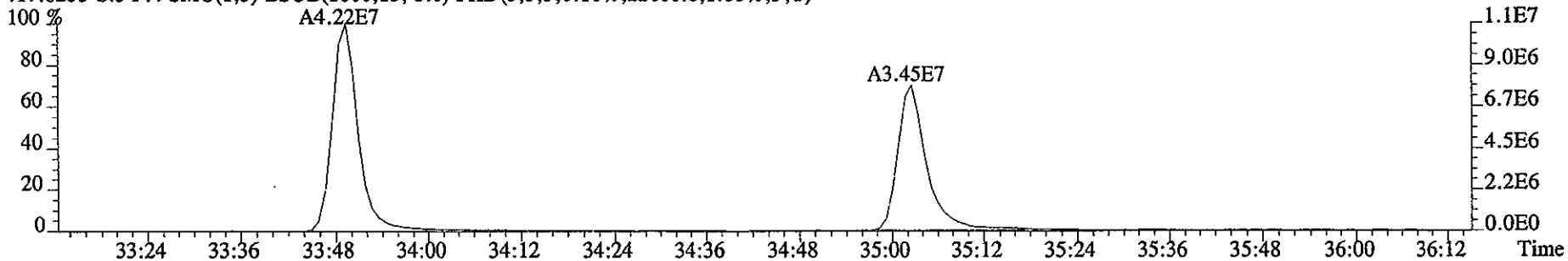
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13980.0,1.00%,F,T)



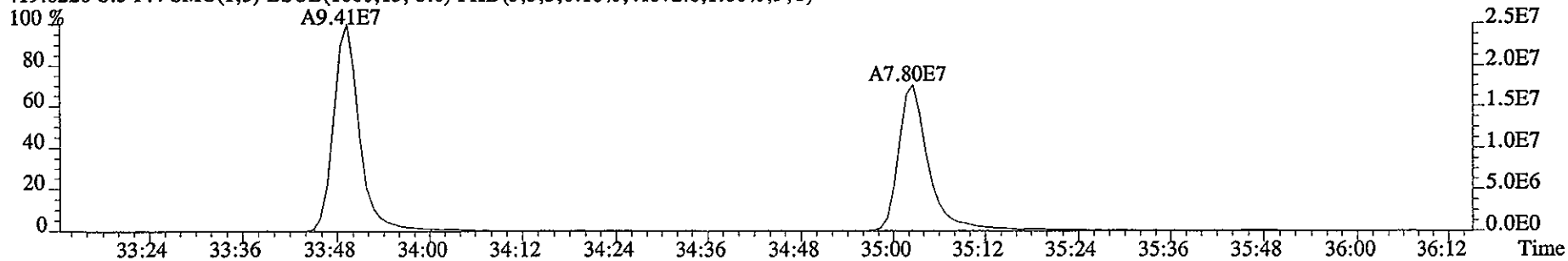
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15528.0,1.00%,F,T)



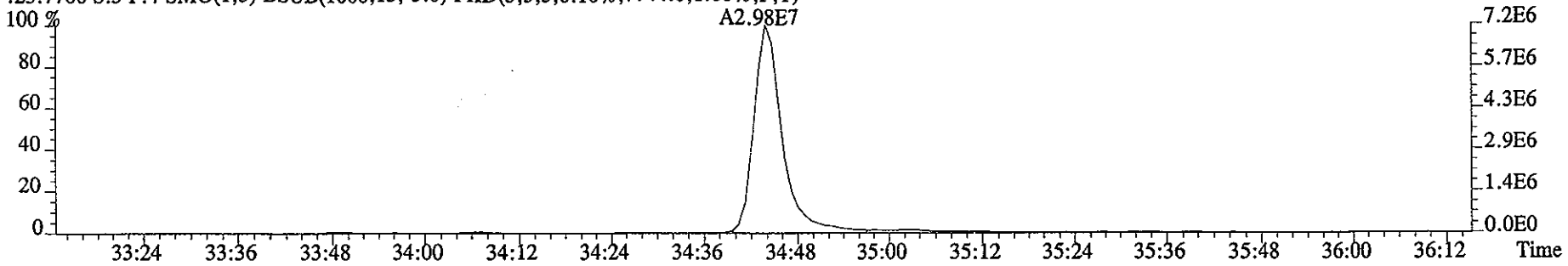
417.8253 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,22608.0,1.00%,F,T)

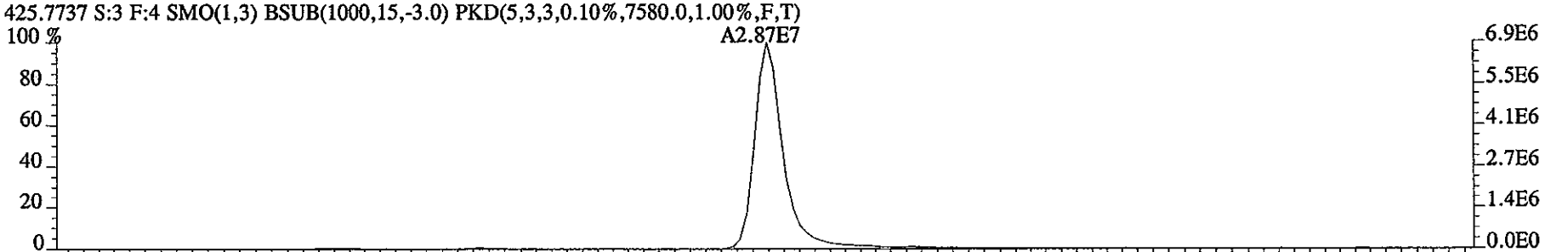


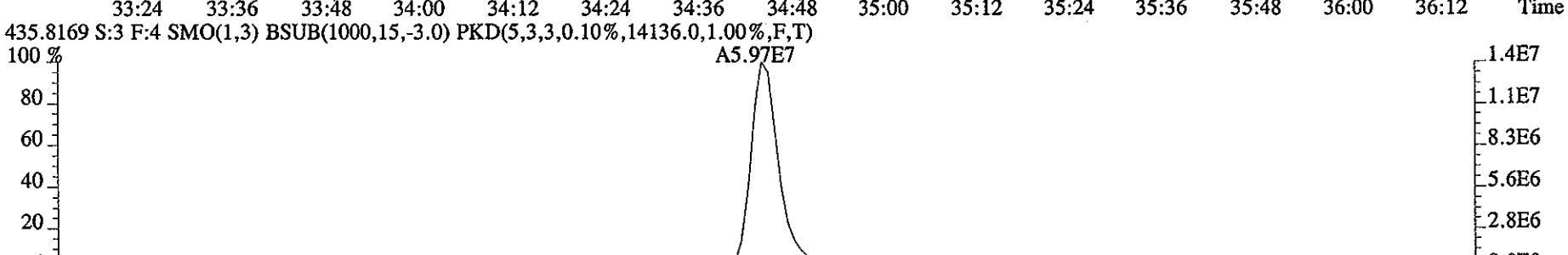
419.8220 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,41572.0,1.00%,F,T)

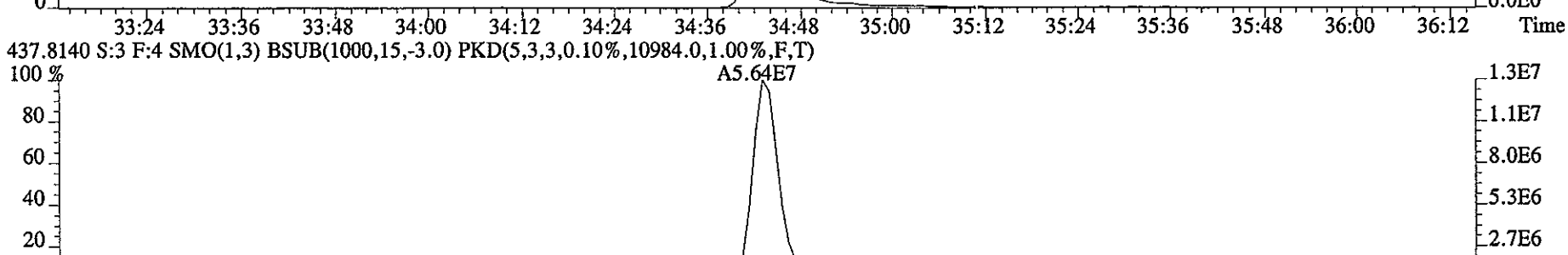


File:12DE051D5 #1-215 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN

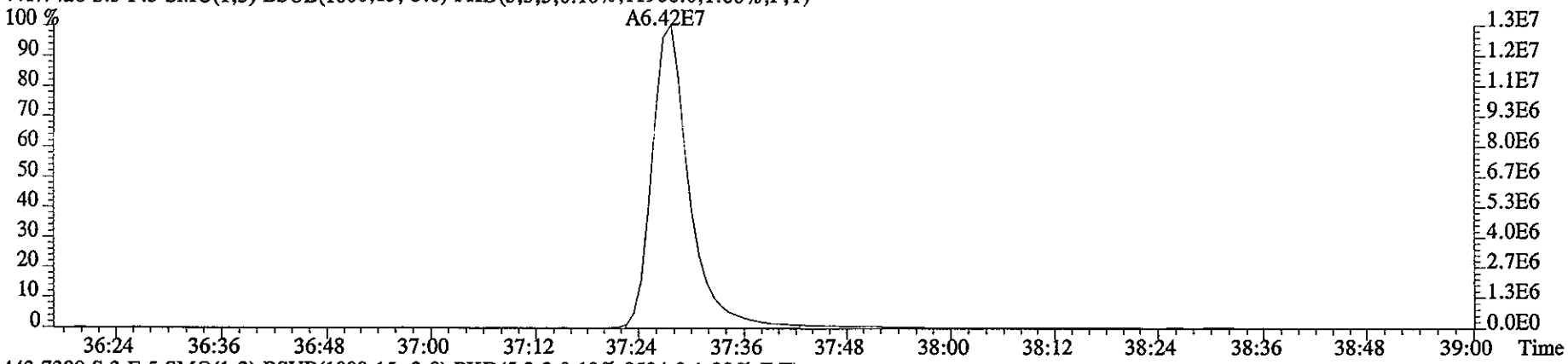




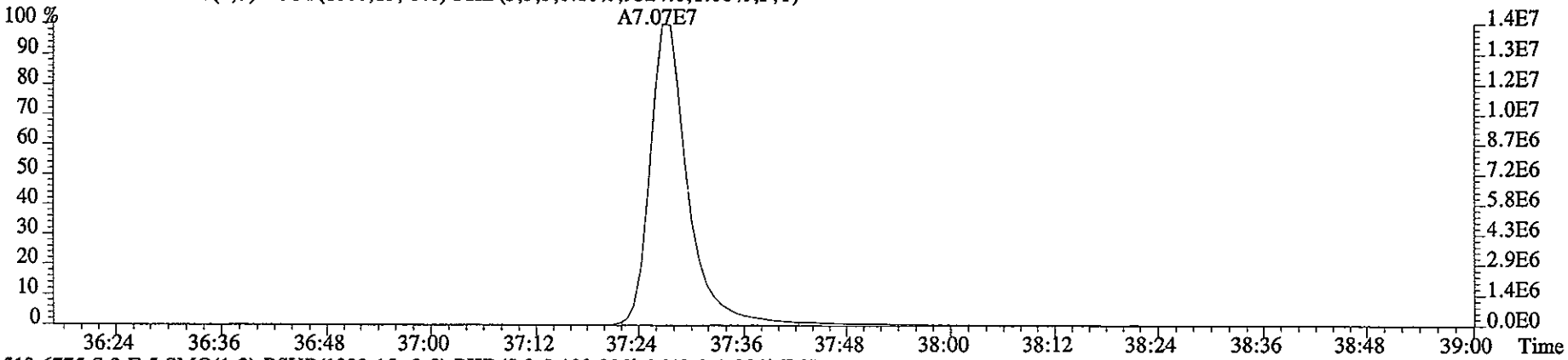




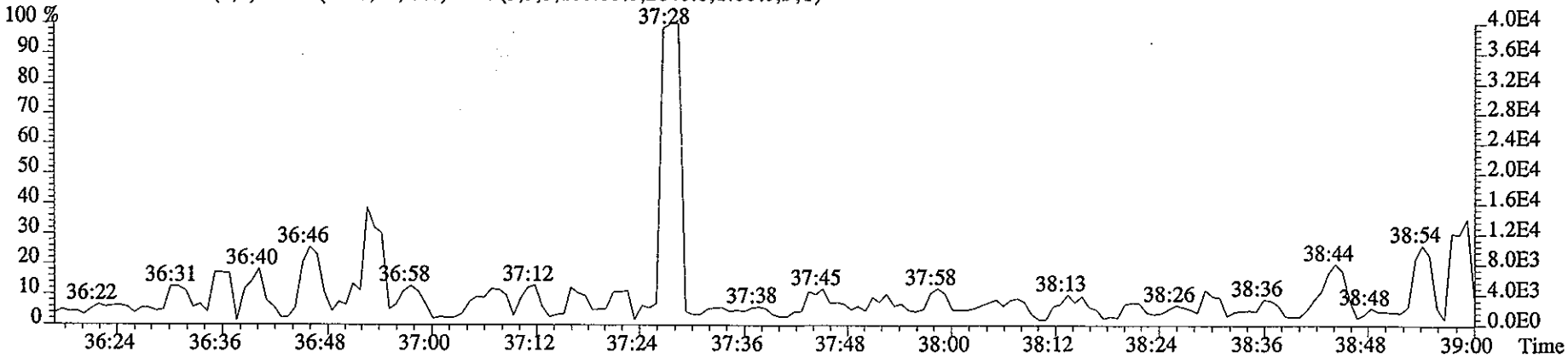
File:12DE051D5 #1-197 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
441.7428 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11908.0,1.00%,F,T)



443.7399 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9524.0,1.00%,F,T)

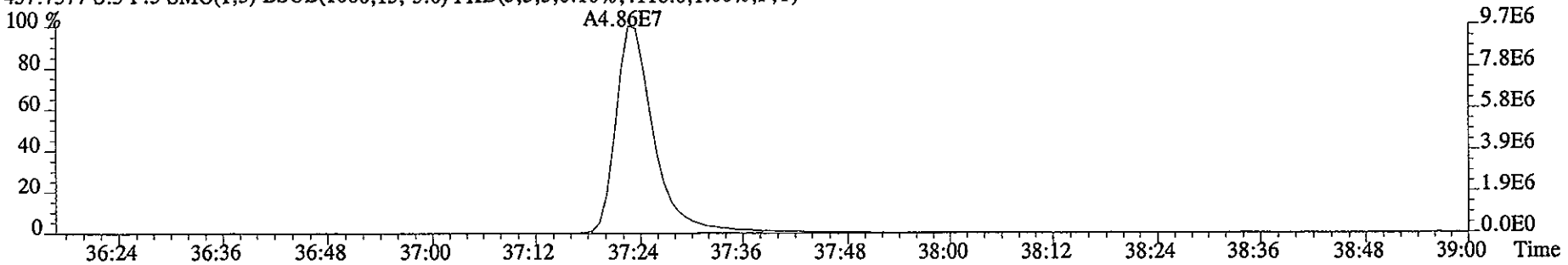


513.6775 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2640.0,1.00%,F,T)

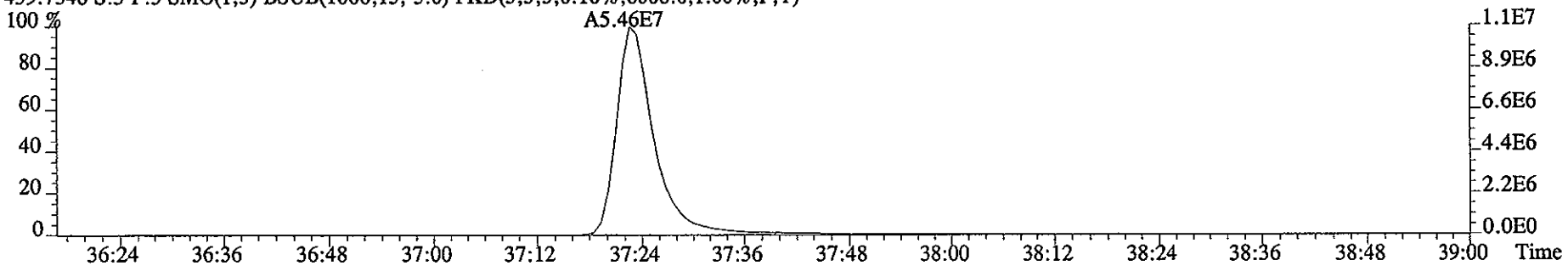


File:12DE051D5 #1-197 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN

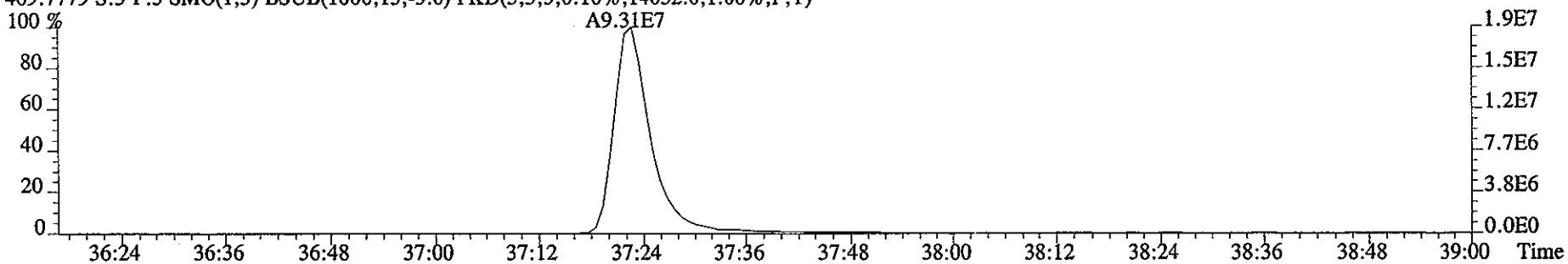
457.7377 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4116.0,1.00%,F,T)



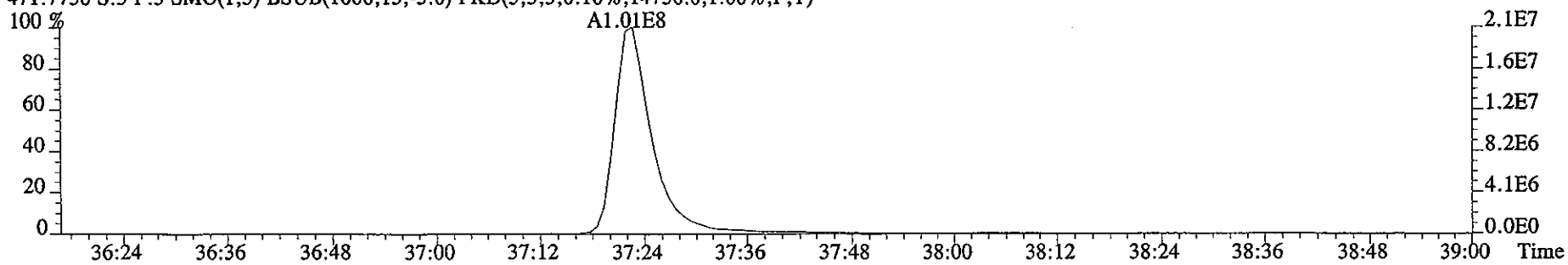
459.7348 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6008.0,1.00%,F,T)



469.7779 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14052.0,1.00%,F,T)

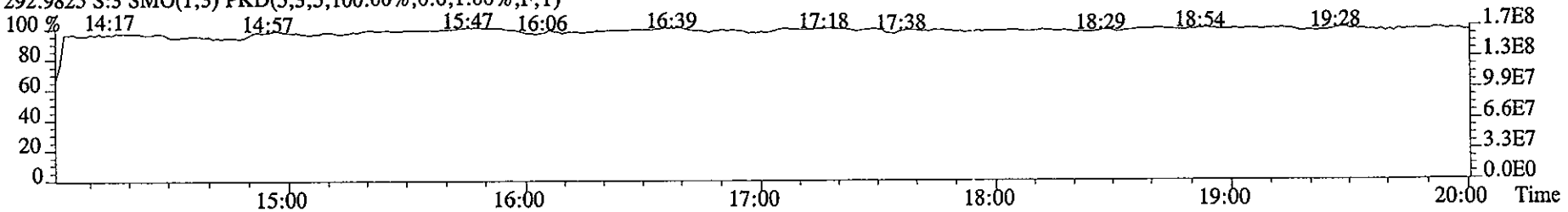


471.7750 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14756.0,1.00%,F,T)

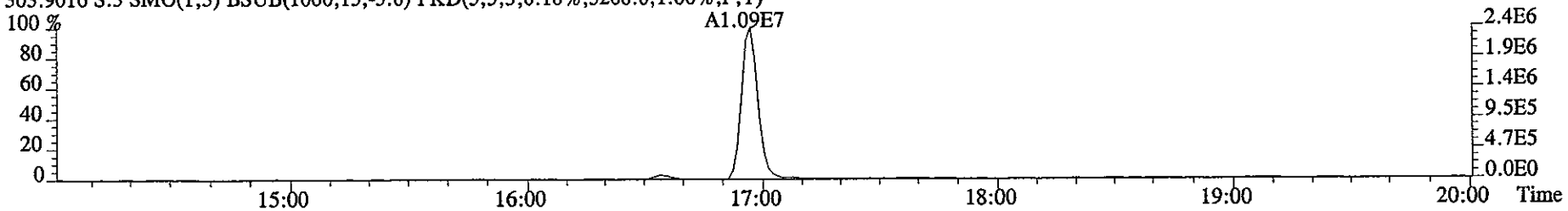


File:12DE051D5 #1-326 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN

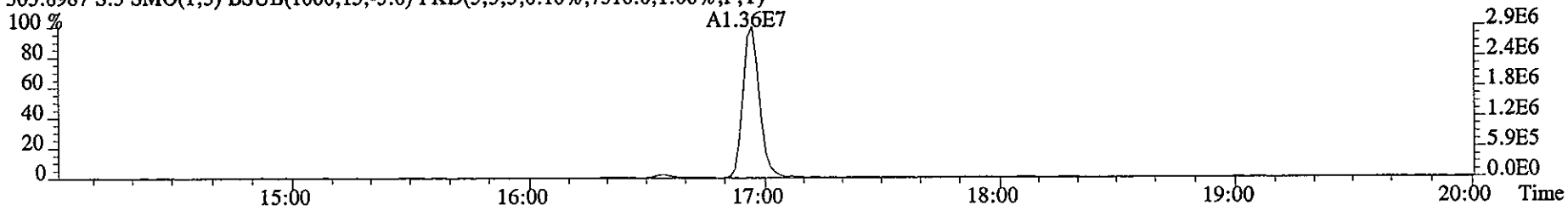
292.9825 S:3 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



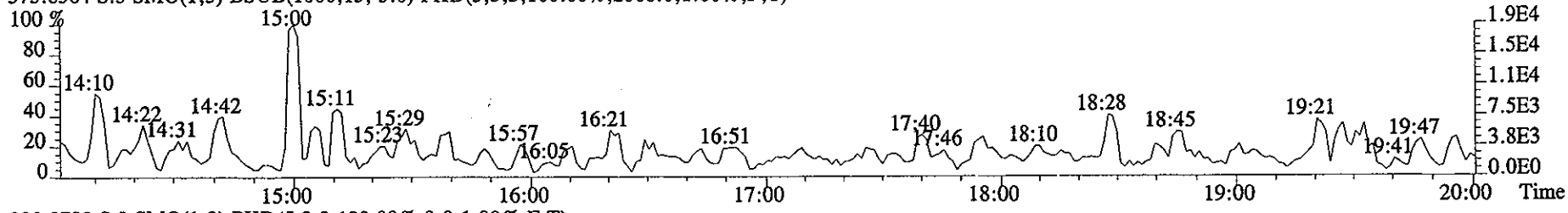
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5268.0,1.00%,F,T)



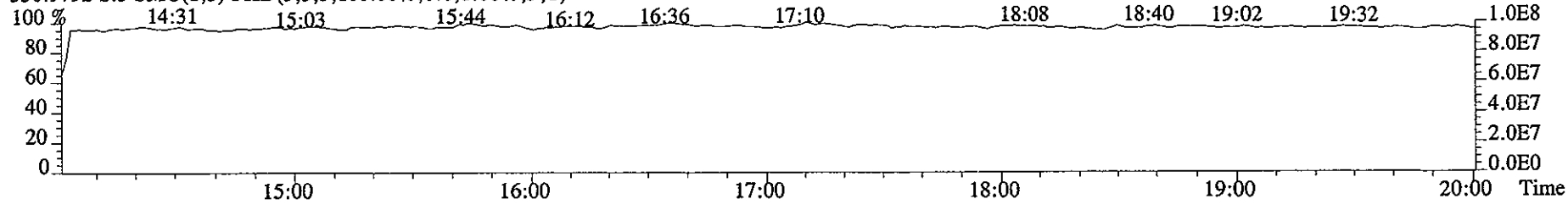
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7516.0,1.00%,F,T)



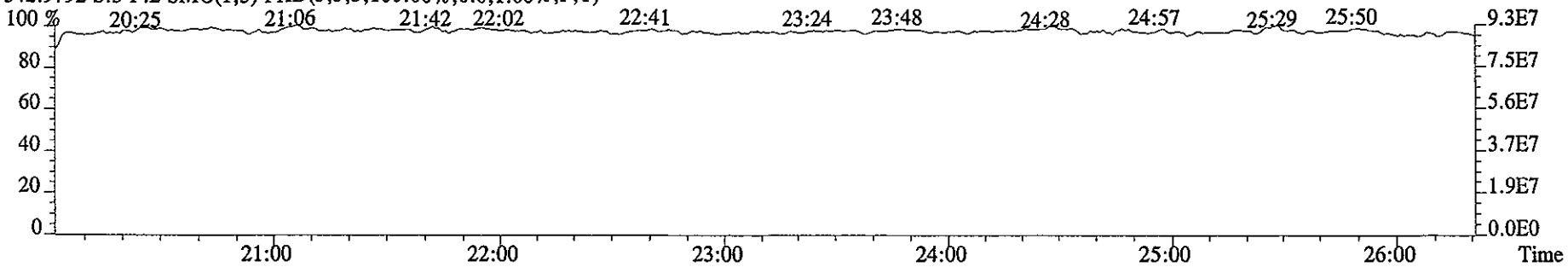
375.8364 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2868.0,1.00%,F,T)



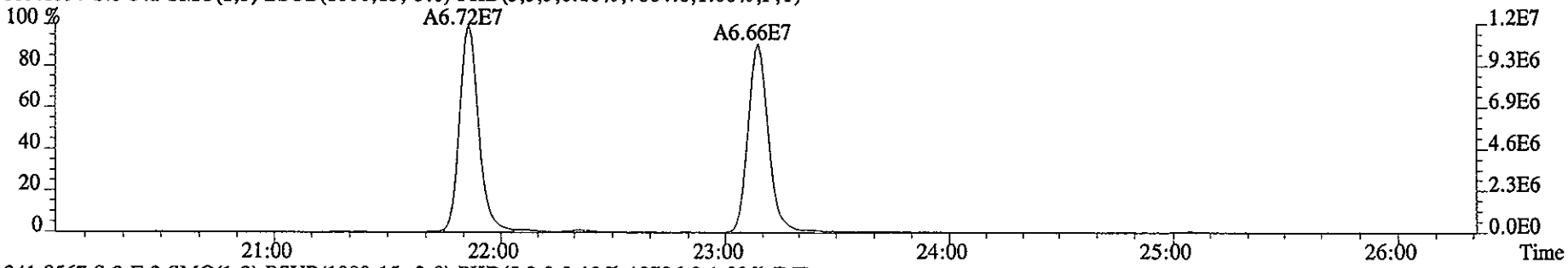
330.9792 S:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



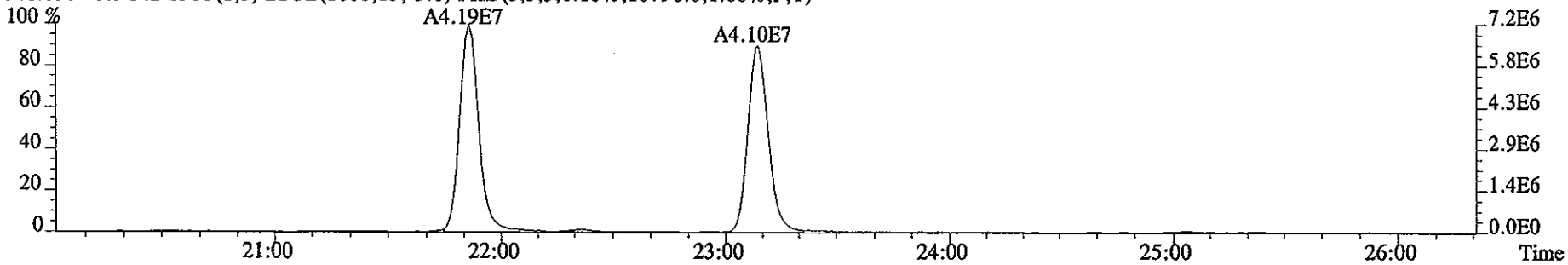
File:12DE051D5 #1-445 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
342.9792 S:3 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



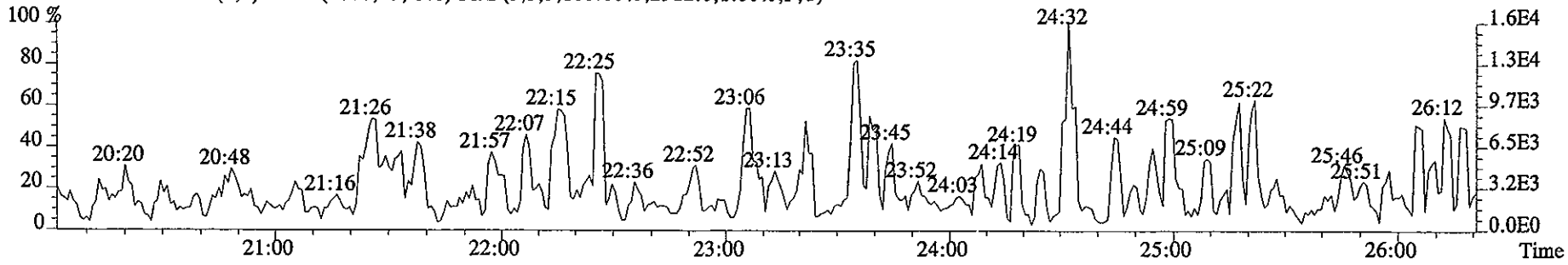
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7884.0,1.00%,F,T)



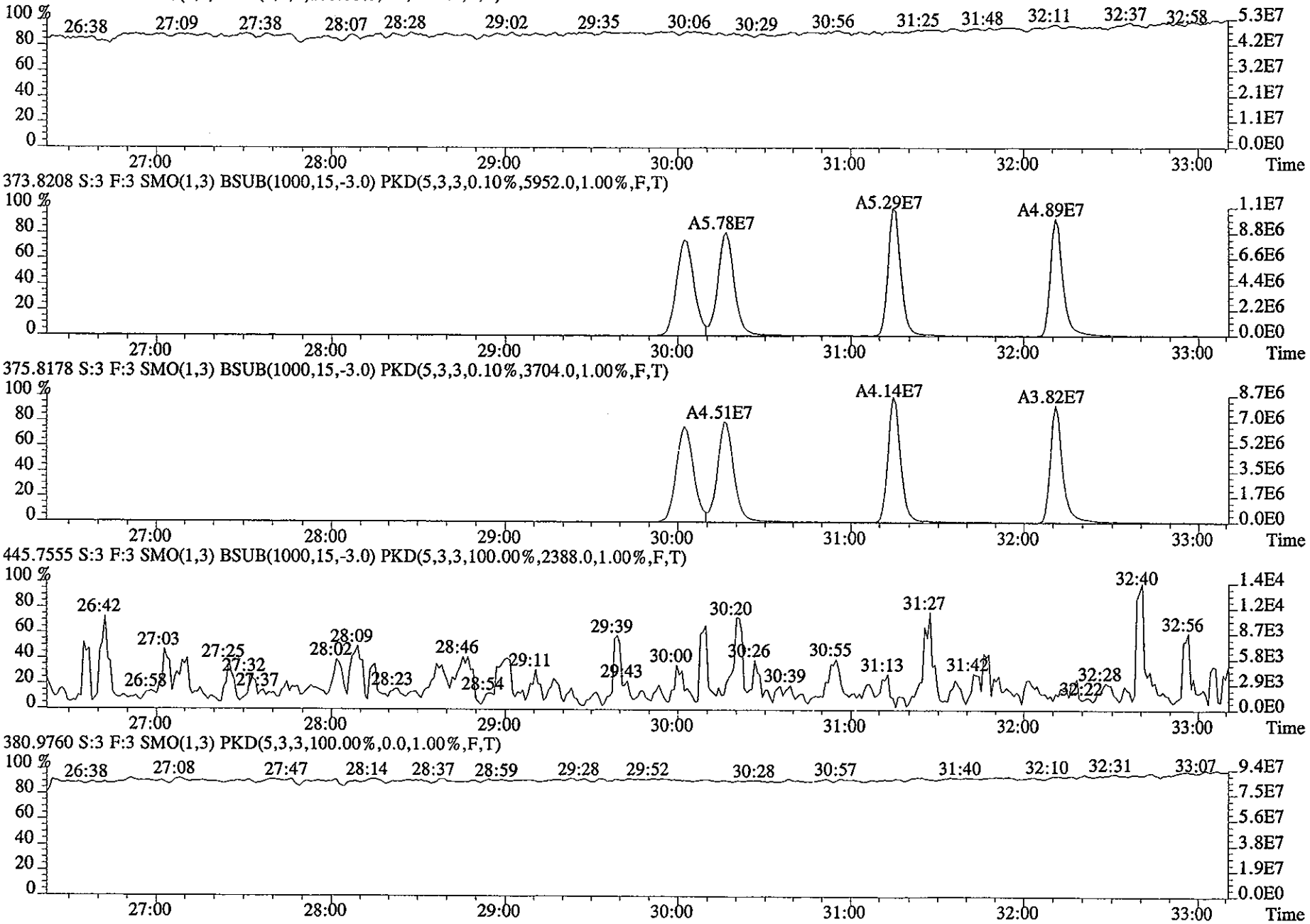
341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10796.0,1.00%,F,T)



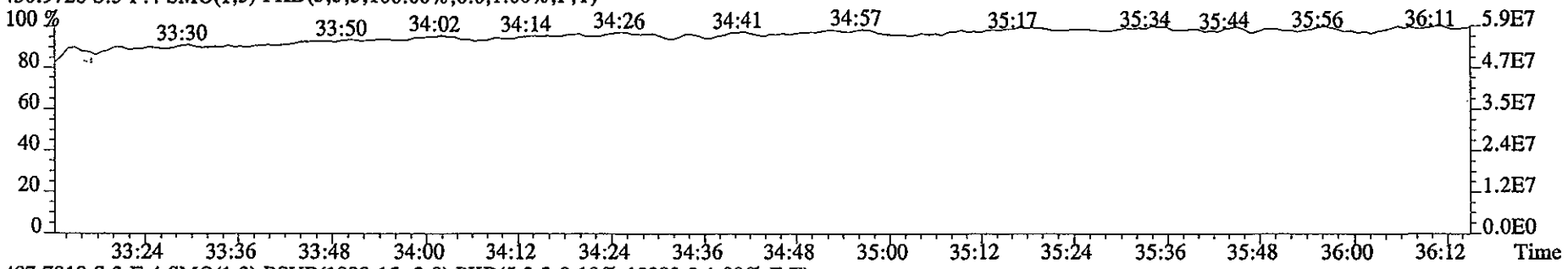
409.7974 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2912.0,1.00%,F,T)



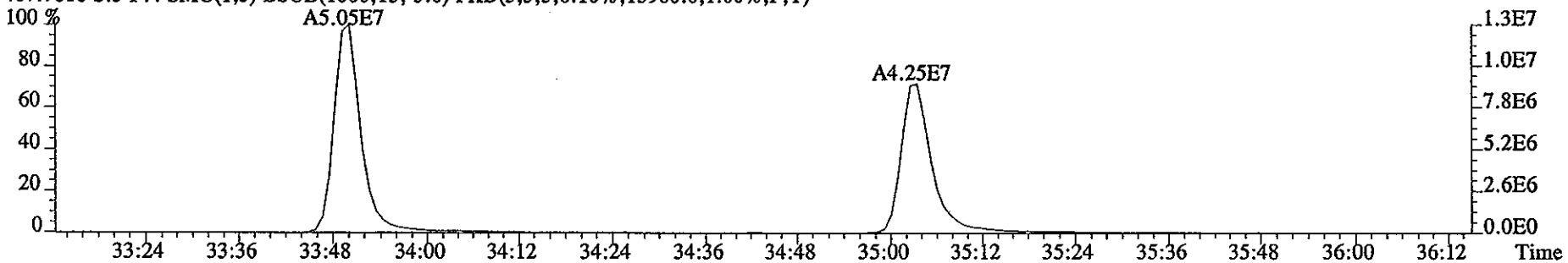
File:12DE051D5 #1-458 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN



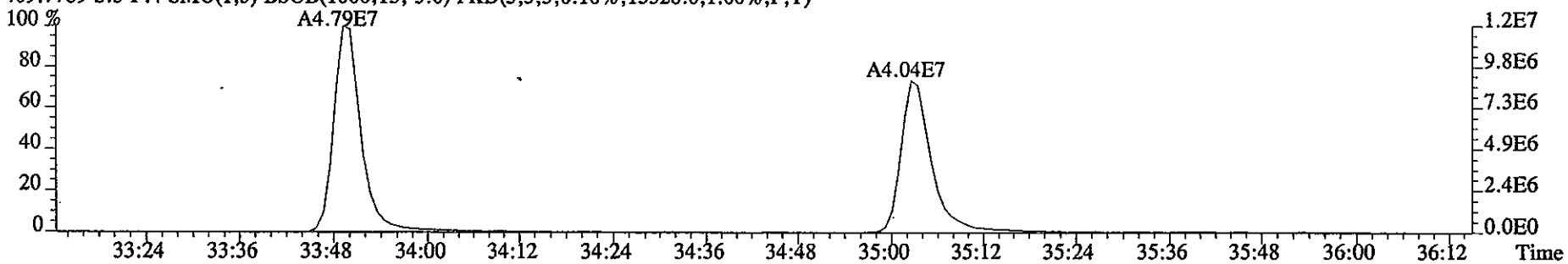
File:12DE051D5 #1-215 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
430.9728 S:3 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



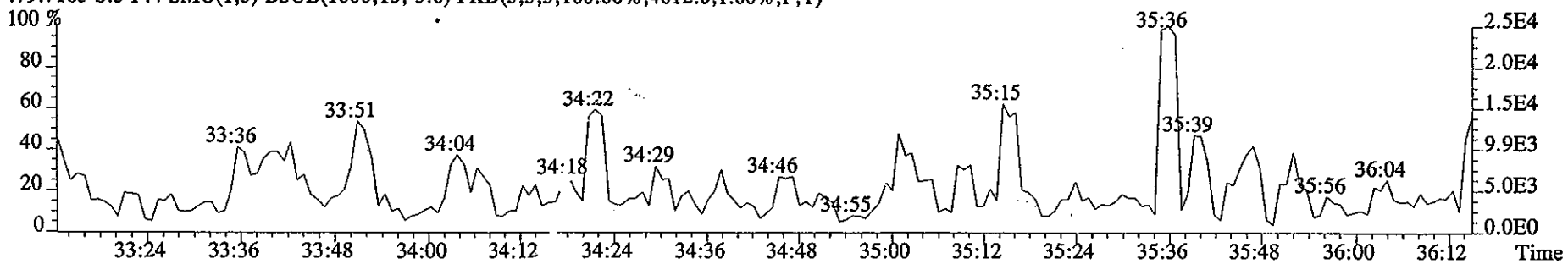
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13980.0,1.00%,F,T)



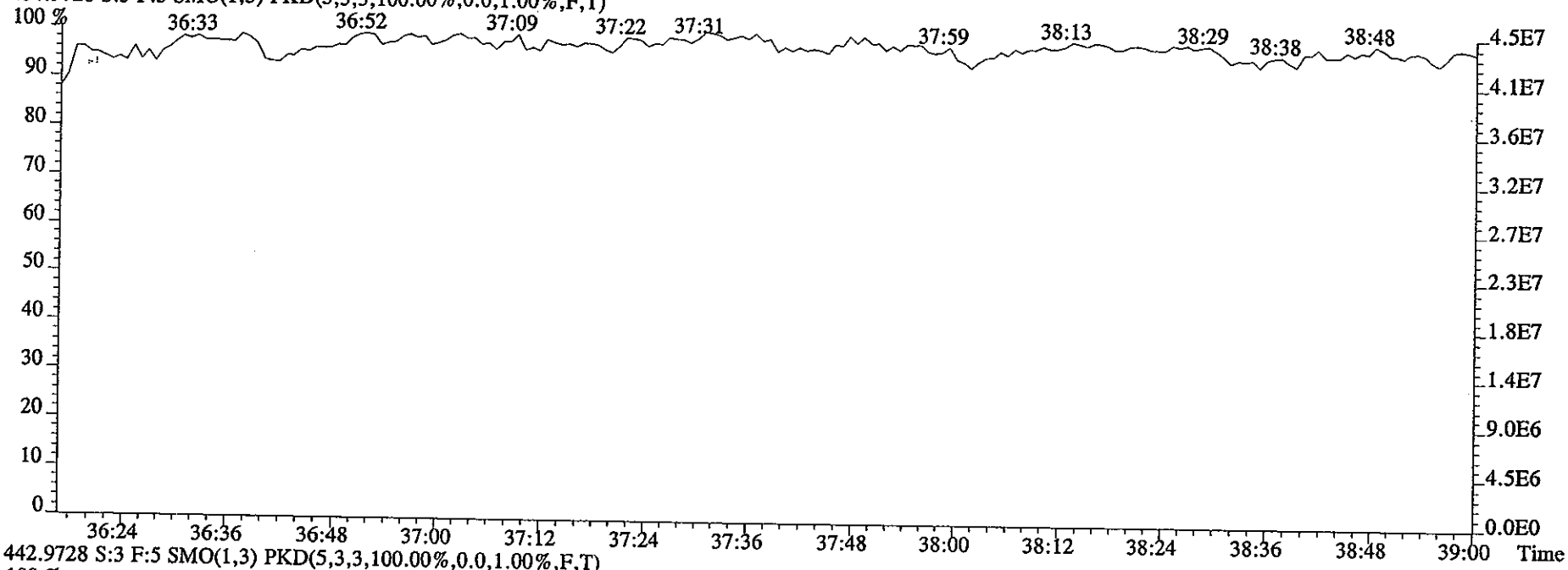
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15528.0,1.00%,F,T)



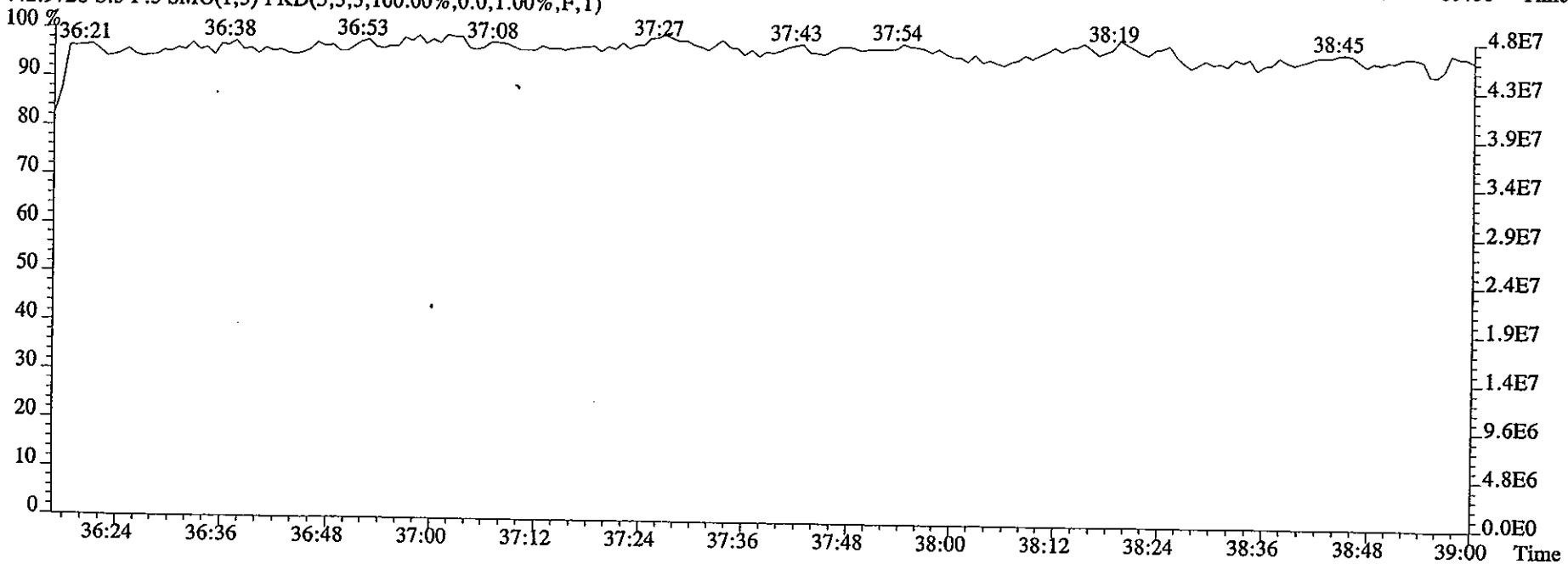
479.7165 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4612.0,1.00%,F,T)



File:12DE051D5 #1-197 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
454.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



SEVERN TRENT SERVICES

Initial Calibration Checklist

High Resolution

ICAL ID (8290,1613,T09,23,0023A,TETRAS) 122905805

Method ID 8290,1613B,T09,23,0023A,TETRAS(1613B,551)

Column ID DB5 **Instrument ID** 805

STD ID's ST1229(_,A,B,C,D) **STD Solution** 2565-41(A,B,C,D,E)

Multiplier Setting 333V

Analyzed By A.M. **Date Analyzed** 12/29/05

Prepared By M.G, A.M **Date Prepared** 1/3/06

Reviewed By JRB **Date Reviewed** 1/3/06

ANALYSIS OF ICAL	INITIATED	REVIEWED
Curve summary present?	✓	✓
Hardcopies of chromatograms for CS1-CS5 present?	✓	✓
Copy of log-file present?	✓	✓
Static resolution check present?	✓	✓
Target file RT's correct?	✓	✓
%RSD within method-specified limits?*	✓	✓
Signal-to-noise criteria met?*	✓	✓
Isotopic ratios within limits?	✓	✓
High point free of saturation?	✓	✓
Are chromatographic windows correct?	✓	✓
Manual reintegration's checked and hardcopies included?	NA	NA

COMMENTS:

*Method 8290: %RSD ≤ 20% for natives, ≤ 30% for labeled analytes; S/N ≥ 10
Method 1613A: %CV≤ 35% (See Table 7, Method 1613A); S/N ≥ 10
Method 23: %RSD ≤ values specified in Table 5, Method 23; S/N > 2.5
PAH: %RSD ≤ 30% for natives and labeled compounds; S/N ≥ 10
PCB: %RSD ≤ 20% for natives, ≤ 40% for labeled compounds; S/N ≥ 2.5
NCASI 551: %RSD ≤ 20% for natives and labeled compounds; ≥ 5
DBD/DBF: %RSD≤30% for natives, ≤40% for labeled analytes; S/N≥10

Run: 29DE058D5IC_11 Analyte: 8290 Cal: 82901229058D5

ST1229 :CS1 2565-41A ST1229A :CS2 2565-41B ST1229B :CS3 2565-41C
ST1229C :CS4 2565-41D ST1229D :CS5 2565-41E

Name	Mean	S. D.	%RSD	29DE058D5 S1 RRF1	29DE058D5 S2 RRF2	29DE058D5 S3 RRF3	29DE058D5 S4 RRF4	29DE058D5 S5 RRF5
13C-1,2,3,4-TCDD	-	-	- %	-	-	-	-	-
13C-2,3,7,8-TCDF	1.555	0.026	1.69 %	1.59	1.54	1.55	1.52	1.57
2,3,7,8-TCDF	1.000	0.058	5.83 %	1.10	0.97	0.96	0.98	0.99
Total TCDF	1.000	0.058	5.83 %	1.10	0.97	0.96	0.98	0.99
13C-2,3,7,8-TCDD	0.922	0.012	1.32 %	0.91	0.92	0.94	0.91	0.93
2,3,7,8-TCDD	1.280	0.059	4.58 %	1.38	1.25	1.25	1.24	1.27
Total TCDD	1.280	0.059	4.58 %	1.38	1.25	1.25	1.24	1.27
37Cl-2,3,7,8-TCDD	2.419	0.132	5.47 %	2.63	2.35	2.40	2.28	2.43
13C-1,2,3,7,8-PeCDF	1.340	0.038	2.85 %	1.31	1.30	1.40	1.33	1.35
1,2,3,7,8-PeCDF	0.951	0.046	4.79 %	1.03	0.94	0.92	0.93	0.93
2,3,4,7,8-PeCDF	0.998	0.021	2.08 %	1.01	1.00	0.96	1.00	1.02
Total F2 PeCDF	0.974	0.029	2.99 %	1.02	0.97	0.94	0.96	0.97
Total F1 PeCDF	0.974	0.029	2.99 %	1.02	0.97	0.94	0.96	0.97
13C-1,2,3,7,8-PeCDD	0.884	0.046	5.23 %	0.83	0.85	0.94	0.91	0.89
1,2,3,7,8-PeCDD	1.019	0.052	5.11 %	1.11	1.02	0.97	1.00	1.01
Total PeCDD	1.019	0.052	5.11 %	1.11	1.02	0.97	1.00	1.01
13C-1,2,3,7,8,9-HxCDD	-	-	- %	-	-	-	-	-
13C-1,2,3,4,7,8-HxCDF	1.117	0.079	7.08 %	1.01	1.07	1.20	1.12	1.19
1,2,3,4,7,8-HxCDF	1.085	0.050	4.57 %	1.16	1.09	1.04	1.09	1.05
1,2,3,6,7,8-HxCDF	1.202	0.081	6.72 %	1.33	1.24	1.15	1.17	1.12
2,3,4,6,7,8-HxCDF	1.093	0.085	7.75 %	1.24	1.08	1.04	1.08	1.02
1,2,3,7,8,9-HxCDF	1.044	0.093	8.87 %	1.20	1.05	0.99	1.02	0.96
Total HxCDF	1.106	0.076	6.87 %	1.23	1.11	1.06	1.09	1.04
13C-1,2,3,6,7,8-HxCDD	0.958	0.025	2.58 %	0.94	0.99	0.96	0.97	0.93
1,2,3,4,7,8-HxCDD	0.873	0.055	6.27 %	0.90	0.79	0.88	0.86	0.94

1,2,3,6,7,8-HxCDD	0.966	0.036	3.77 %	1.03	0.93	0.96	0.95	0.95
1,2,3,7,8,9-HxCDD	1.000	0.032	3.17 %	1.03	0.95	1.01	0.99	1.02
Total HxCDD	0.946	0.037	3.91 %	0.99	0.89	0.95	0.93	0.97
13C-1,2,3,4,6,7,8-HpCDF	0.939	0.038	4.07 %	0.95	0.94	0.98	0.94	0.88
1,2,3,4,6,7,8-HpCDF	1.308	0.032	2.43 %	1.36	1.30	1.30	1.28	1.29
1,2,3,4,7,8,9-HpCDF	1.159	0.030	2.57 %	1.20	1.14	1.17	1.16	1.12
Total HpCDF	1.234	0.028	2.30 %	1.28	1.22	1.24	1.22	1.21
13C-1,2,3,4,6,7,8-HpCDD	0.869	0.047	5.44 %	0.88	0.89	0.91	0.87	0.79
1,2,3,4,6,7,8-HpCDD	0.944	0.034	3.63 %	1.00	0.91	0.94	0.94	0.93
Total HpCDD	0.944	0.034	3.63 %	1.00	0.91	0.94	0.94	0.93
13C-OCDD	0.740	0.050	6.71 %	0.73	0.75	0.80	0.75	0.66
OCDF	1.208	0.015	1.21 %	1.21	1.19	1.19	1.22	1.23
OCDD	0.976	0.031	3.22 %	1.03	0.96	0.96	0.96	0.96

Run #1 Filename 29DE058D5 S: 1 I: 1
Acquired: 29-DEC-05 17:01:23 Processed: 29-DEC-05 20:32:20
Run: 29DE058D5IC┐ Analyte: 8290 Cal: 82901229058D5
Comments:
Sample text: ST1229 :CS1 2565-41A

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	76668600	0.80	y	17:54	-	100.00	n
13C-2,3,7,8-TCDF	122034800	0.81	y	17:22	1.59	100.00	n
2,3,7,8-TCDF	673215	0.82	y	17:23	1.10	0.50	n
Total TCDF	-	-	n	-	1.10	0.50	n
13C-2,3,7,8-TCDD	69932600	0.80	y	18:05	0.91	100.00	n
2,3,7,8-TCDD	483659	0.82	y	18:06	1.38	0.50	n
Total TCDD	-	-	n	-	1.38	0.50	n
37Cl-2,3,7,8-TCDD	1009028	1.00	y	18:06	2.63	0.50	n
13C-1,2,3,7,8-PeCDF	100688800	1.59	y	22:26	1.31	100.00	n
1,2,3,7,8-PeCDF	2598210	1.52	y	22:28	1.03	2.50	n
2,3,4,7,8-PeCDF	2549112	1.58	y	23:48	1.01	2.50	n
Total F2 PeCDF	-	-	n	-	1.02	5.00	n
Total F1 PeCDF	-	-	n	-	1.02	5.00	n
13C-1,2,3,7,8-PeCDD	63314200	1.59	y	24:30	0.83	100.00	n
1,2,3,7,8-PeCDD	1751067	1.62	y	24:32	1.11	2.50	n
Total PeCDD	-	-	n	-	1.11	2.50	n
13C-1,2,3,7,8,9-HxCDD	77177500	1.28	y	32:17	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	78232900	0.52	y	30:37	1.01	100.00	n
1,2,3,4,7,8-HxCDF	2276770	1.30	y	30:38	1.16	2.50	n
1,2,3,6,7,8-HxCDF	2592150	1.21	y	30:48	1.33	2.50	n
2,3,4,6,7,8-HxCDF	2419480	1.19	y	31:38	1.24	2.50	n
1,2,3,7,8,9-HxCDF	2343590	1.19	y	32:29	1.20	2.50	n
Total HxCDF	-	-	n	-	1.23	10.00	n
13C-1,2,3,6,7,8-HxCDD	72214500	1.26	y	31:55	0.94	100.00	n
1,2,3,4,7,8-HxCDD	1629228	1.21	y	31:50	0.90	2.50	n
1,2,3,6,7,8-HxCDD	1854880	1.28	y	31:57	1.03	2.50	n
1,2,3,7,8,9-HxCDD	1862487	1.14	y	32:17	1.03	2.50	n
Total HxCDD	-	-	n	-	0.99	7.50	n
13C-1,2,3,4,6,7,8-HpCDF	73295300	0.45	y	34:03	0.95	100.00	n
1,2,3,4,6,7,8-HpCDF	2497350	1.05	y	34:04	1.36	2.50	n
1,2,3,4,7,8,9-HpCDF	2191590	0.99	y	35:18	1.20	2.50	n
Total HpCDF	-	-	n	-	1.28	5.00	n
13C-1,2,3,4,6,7,8-HpCDD	67823900	1.05	y	34:57	0.88	100.00	n
1,2,3,4,6,7,8-HpCDD	1698612	1.05	y	34:57	1.00	2.50	n
Total HpCDD	-	-	n	-	1.00	2.50	n
13C-OCDD	113271400	0.90	y	37:37	0.73	200.00	n
OCDF	3440020	0.92	y	37:43	1.21	5.00	n

OCDD	2923480	0.87	y	37:37	1.03	5.00	n

Run #2 Filename 29DE058D5 S: 2 I: 1
Acquired: 29-DEC-05 17:43:12 Processed: 29-DEC-05 20:32:21
Run: 29DE058D5IC┐ Analyte: 8290 Cal: 82901229058D5
Comments:
Sample text: ST1229A :CS2 2565-41B

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	70645000	0.80	y	17:52	-	100.00	n
13C-2,3,7,8-TCDF	109036500	0.80	y	17:21	1.54	100.00	n
2,3,7,8-TCDF	2113413	0.74	y	17:21	0.97	2.00	n
Total TCDF	-	-	n	-	0.97	2.00	n
13C-2,3,7,8-TCDD	64728000	0.79	y	18:03	0.92	100.00	n
2,3,7,8-TCDD	1623669	0.78	y	18:05	1.25	2.00	n
Total TCDD	-	-	n	-	1.25	2.00	n
37Cl-2,3,7,8-TCDD	3318300	1.00	y	18:05	2.35	2.00	n
13C-1,2,3,7,8-PeCDF	92039700	1.57	y	22:23	1.30	100.00	n
1,2,3,7,8-PeCDF	8611340	1.63	y	22:25	0.94	10.00	n
2,3,4,7,8-PeCDF	9189070	1.55	y	23:45	1.00	10.00	n
Total F2 PeCDF	-	-	n	-	0.97	20.00	n
Total F1 PeCDF	-	-	n	-	0.97	20.00	n
13C-1,2,3,7,8-PeCDD	60221800	1.59	y	24:27	0.85	100.00	n
1,2,3,7,8-PeCDD	6132060	1.57	y	24:29	1.02	10.00	n
Total PeCDD	-	-	n	-	1.02	10.00	n
13C-1,2,3,7,8,9-HxCDD	71268200	1.25	y	32:15	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	75932700	0.53	y	30:35	1.07	100.00	n
1,2,3,4,7,8-HxCDF	8254720	1.29	y	30:36	1.09	10.00	n
1,2,3,6,7,8-HxCDF	9394750	1.21	y	30:47	1.24	10.00	n
2,3,4,6,7,8-HxCDF	8204890	1.26	y	31:37	1.08	10.00	n
1,2,3,7,8,9-HxCDF	7951030	1.23	y	32:28	1.05	10.00	n
Total HxCDF	-	-	n	-	1.11	40.00	n
13C-1,2,3,6,7,8-HxCDD	70411700	1.26	y	31:54	0.99	100.00	n
1,2,3,4,7,8-HxCDD	5565650	1.36	y	31:49	0.79	10.00	n
1,2,3,6,7,8-HxCDD	6556860	1.18	y	31:55	0.93	10.00	n
1,2,3,7,8,9-HxCDD	6700400	1.29	y	32:17	0.95	10.00	n
Total HxCDD	-	-	n	-	0.89	30.00	n
13C-1,2,3,4,6,7,8-HpCDF	67003700	0.45	y	34:02	0.94	100.00	n
1,2,3,4,6,7,8-HpCDF	8696860	1.05	y	34:03	1.30	10.00	n
1,2,3,4,7,8,9-HpCDF	7661300	1.05	y	35:17	1.14	10.00	n
Total HpCDF	-	-	n	-	1.22	20.00	n
13C-1,2,3,4,6,7,8-HpCDD	63782800	1.05	y	34:56	0.89	100.00	n
1,2,3,4,6,7,8-HpCDD	5804770	1.04	y	34:57	0.91	10.00	n
Total HpCDD	-	-	n	-	0.91	10.00	n
13C-OCDD	106537900	0.90	y	37:36	0.75	200.00	n
OCDF	12702240	0.92	y	37:42	1.19	20.00	n
OCDD	10280690	0.91	y	37:37	0.96	20.00	n

Run #3 Filename 29DE058D5 S: 3 I: 1
Acquired: 29-DEC-05 18:25:02 Processed: 29-DEC-05 20:32:22
Run: 29DE058D5IC┐ Analyte: 8290 Cal: 82901229058D5
Comments:
Sample text: ST1229B :CS3 2565-41C

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	74162600	0.81	y	17:52	-	100.00	n
13C-2,3,7,8-TCDF	114633700	0.80	y	17:21	1.55	100.00	n
2,3,7,8-TCDF	11033640	0.76	y	17:22	0.96	10.00	n
Total TCDF	-	-	n	-	0.96	10.00	n
13C-2,3,7,8-TCDD	69550300	0.79	y	18:03	0.94	100.00	n
2,3,7,8-TCDD	8684920	0.79	y	18:04	1.25	10.00	n
Total TCDD	-	-	n	-	1.25	10.00	n
37Cl-2,3,7,8-TCDD	17770160	1.00	y	18:04	2.40	10.00	n
13C-1,2,3,7,8-PeCDF	103728800	1.60	y	22:23	1.40	100.00	n
1,2,3,7,8-PeCDF	47951800	1.57	y	22:25	0.92	50.00	n
2,3,4,7,8-PeCDF	49960000	1.56	y	23:45	0.96	50.00	n
Total F2 PeCDF	-	-	n	-	0.94	100.00	n
Total F1 PeCDF	-	-	n	-	0.94	100.00	n
13C-1,2,3,7,8-PeCDD	69807600	1.56	y	24:27	0.94	100.00	n
1,2,3,7,8-PeCDD	33770200	1.55	y	24:29	0.97	50.00	n
Total PeCDD	-	-	n	-	0.97	50.00	n
13C-1,2,3,7,8,9-HxCDD	74441600	1.26	y	32:15	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	89165200	0.52	y	30:34	1.20	100.00	n
1,2,3,4,7,8-HxCDF	46335500	1.28	y	30:35	1.04	50.00	n
1,2,3,6,7,8-HxCDF	51490600	1.23	y	30:47	1.15	50.00	n
2,3,4,6,7,8-HxCDF	46320300	1.25	y	31:37	1.04	50.00	n
1,2,3,7,8,9-HxCDF	44129200	1.24	y	32:28	0.99	50.00	n
Total HxCDF	-	-	n	-	1.06	200.00	n
13C-1,2,3,6,7,8-HxCDD	71782500	1.25	y	31:54	0.96	100.00	n
1,2,3,4,7,8-HxCDD	31557400	1.24	y	31:49	0.88	50.00	n
1,2,3,6,7,8-HxCDD	34566800	1.26	y	31:55	0.96	50.00	n
1,2,3,7,8,9-HxCDD	36258300	1.24	y	32:16	1.01	50.00	n
Total HxCDD	-	-	n	-	0.95	150.00	n
13C-1,2,3,4,6,7,8-HpCDF	73187400	0.46	y	34:01	0.98	100.00	n
1,2,3,4,6,7,8-HpCDF	47722000	1.05	y	34:02	1.30	50.00	n
1,2,3,4,7,8,9-HpCDF	42997000	1.04	y	35:17	1.17	50.00	n
Total HpCDF	-	-	n	-	1.24	100.00	n
13C-1,2,3,4,6,7,8-HpCDD	67682300	1.04	y	34:56	0.91	100.00	n
1,2,3,4,6,7,8-HpCDD	31781500	1.04	y	34:57	0.94	50.00	n
Total HpCDD	-	-	n	-	0.94	50.00	n
13C-OCDD	119314400	0.89	y	37:35	0.80	200.00	n
OCDF	71222100	0.91	y	37:42	1.19	100.00	n
OCDD	57408400	0.89	y	37:36	0.96	100.00	n

Run #4 Filename 29DE058D5 S: 4 I: 1
Acquired: 29-DEC-05 19:06:52 Processed: 29-DEC-05 20:32:23
Run: 29DE058D5IC¶ Analyte: 8290 Cal: 82901229058D5
Comments:
Sample text: ST1229C :CS4 2565-41D

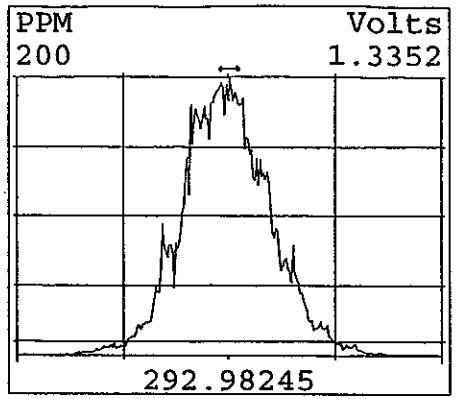
Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	77187800	0.80	y	17:52	-	100.00	n
13C-2,3,7,8-TCDF	117666000	0.79	y	17:21	1.52	100.00	n
2,3,7,8-TCDF	46140600	0.78	y	17:21	0.98	40.00	n
Total TCDF	-	-	n	-	0.98	40.00	n
13C-2,3,7,8-TCDD	70410100	0.80	y	18:03	0.91	100.00	n
2,3,7,8-TCDD	35011100	0.80	y	18:04	1.24	40.00	n
Total TCDD	-	-	n	-	1.24	40.00	n
37Cl-2,3,7,8-TCDD	70447800	1.00	y	18:04	2.28	40.00	n
13C-1,2,3,7,8-PeCDF	102746900	1.58	y	22:22	1.33	100.00	n
1,2,3,7,8-PeCDF	191157800	1.57	y	22:24	0.93	200.00	n
2,3,4,7,8-PeCDF	205189500	1.56	y	23:44	1.00	200.00	n
Total F2 PeCDF	-	-	n	-	0.96	400.00	n
Total F1 PeCDF	-	-	n	-	0.96	400.00	n
13C-1,2,3,7,8-PeCDD	70526500	1.57	y	24:26	0.91	100.00	n
1,2,3,7,8-PeCDD	140911700	1.58	y	24:28	1.00	200.00	n
Total PeCDD	-	-	n	-	1.00	200.00	n
13C-1,2,3,7,8,9-HxCDD	76083800	1.26	y	32:15	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	85106200	0.52	y	30:34	1.12	100.00	n
1,2,3,4,7,8-HxCDF	185059800	1.25	y	30:35	1.09	200.00	n
1,2,3,6,7,8-HxCDF	199521000	1.25	y	30:46	1.17	200.00	n
2,3,4,6,7,8-HxCDF	184173000	1.24	y	31:36	1.08	200.00	n
1,2,3,7,8,9-HxCDF	174174900	1.24	y	32:27	1.02	200.00	n
Total HxCDF	-	-	n	-	1.09	800.00	n
13C-1,2,3,6,7,8-HxCDD	73896000	1.25	y	31:54	0.97	100.00	n
1,2,3,4,7,8-HxCDD	126546900	1.24	y	31:48	0.86	200.00	n
1,2,3,6,7,8-HxCDD	141005600	1.27	y	31:55	0.95	200.00	n
1,2,3,7,8,9-HxCDD	145684000	1.24	y	32:16	0.99	200.00	n
Total HxCDD	-	-	n	-	0.93	600.00	n
13C-1,2,3,4,6,7,8-HpCDF	71712300	0.44	y	34:02	0.94	100.00	n
1,2,3,4,6,7,8-HpCDF	183872300	1.05	y	34:03	1.28	200.00	n
1,2,3,4,7,8,9-HpCDF	167013900	1.03	y	35:16	1.16	200.00	n
Total HpCDF	-	-	n	-	1.22	400.00	n
13C-1,2,3,4,6,7,8-HpCDD	66470900	1.04	y	34:55	0.87	100.00	n
1,2,3,4,6,7,8-HpCDD	124432900	1.04	y	34:56	0.94	200.00	n
Total HpCDD	-	-	n	-	0.94	200.00	n
13C-OCDD	114837200	0.89	y	37:36	0.75	200.00	n
OCDF	279218000	0.91	y	37:42	1.22	400.00	n
OCDD	221027000	0.89	y	37:36	0.96	400.00	n

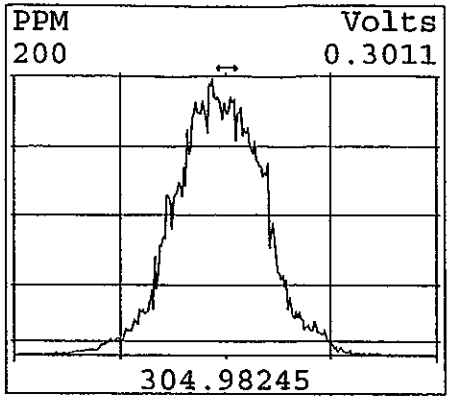
Run #5 Filename 29DE058D5 S: 5 I: 1
Acquired: 29-DEC-05 19:48:43 Processed: 29-DEC-05 20:32:24
Run: 29DE058D5IC¶ Analyte: 8290 Cal: 82901229058D5
Comments:
Sample text: ST1229D :CS5 2565-41E

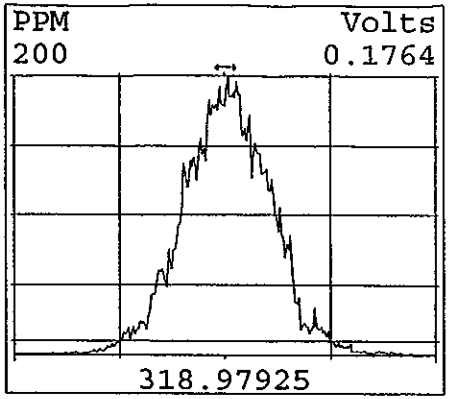
Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	62766700	0.80	y	17:53	-	100.00	n
13C-2,3,7,8-TCDF	98624100	0.79	y	17:22	1.57	100.00	n
2,3,7,8-TCDF	194470100	0.77	y	17:23	0.99	200.00	n
Total TCDF	-	-	n	-	0.99	200.00	n
13C-2,3,7,8-TCDD	58549800	0.80	y	18:05	0.93	100.00	n
2,3,7,8-TCDD	148854700	0.77	y	18:06	1.27	200.00	n
Total TCDD	-	-	n	-	1.27	200.00	n
37Cl-2,3,7,8-TCDD	305666000	1.00	y	18:06	2.43	200.00	n
13C-1,2,3,7,8-PeCDF	85024700	1.58	y	22:26	1.35	100.00	n
1,2,3,7,8-PeCDF	793047000	1.58	y	22:26	0.93	1000.00	n
2,3,4,7,8-PeCDF	863326000	1.57	y	23:47	1.02	1000.00	n
Total F2 PeCDF	-	-	n	-	0.97	2000.00	n
Total F1 PeCDF	-	-	n	-	0.97	2000.00	n
13C-1,2,3,7,8-PeCDD	55723900	1.60	y	24:29	0.89	100.00	n
1,2,3,7,8-PeCDD	560267000	1.58	y	24:31	1.01	1000.00	n
Total PeCDD	-	-	n	-	1.01	1000.00	n
13C-1,2,3,7,8,9-HxCDD	59277100	1.26	y	32:15	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	70464000	0.53	y	30:35	1.19	100.00	n
1,2,3,4,7,8-HxCDF	737459000	1.24	y	30:37	1.05	1000.00	n
1,2,3,6,7,8-HxCDF	790032000	1.25	y	30:48	1.12	1000.00	n
2,3,4,6,7,8-HxCDF	721534000	1.24	y	31:38	1.02	1000.00	n
1,2,3,7,8,9-HxCDF	676147000	1.27	y	32:29	0.96	1000.00	n
Total HxCDF	-	-	n	-	1.04	4000.00	n
13C-1,2,3,6,7,8-HxCDD	55073700	1.26	y	31:55	0.93	100.00	n
1,2,3,4,7,8-HxCDD	515470000	1.24	y	31:49	0.94	1000.00	n
1,2,3,6,7,8-HxCDD	524842000	1.26	y	31:56	0.95	1000.00	n
1,2,3,7,8,9-HxCDD	561226000	1.24	y	32:16	1.02	1000.00	n
Total HxCDD	-	-	n	-	0.97	3000.00	n
13C-1,2,3,4,6,7,8-HpCDF	52026100	0.45	y	34:02	0.88	100.00	n
1,2,3,4,6,7,8-HpCDF	672277000	1.04	y	34:03	1.29	1000.00	n
1,2,3,4,7,8,9-HpCDF	581890000	1.04	y	35:16	1.12	1000.00	n
Total HpCDF	-	-	n	-	1.21	2000.00	n
13C-1,2,3,4,6,7,8-HpCDD	46719900	1.05	y	34:56	0.79	100.00	n
1,2,3,4,6,7,8-HpCDD	436082000	1.04	y	34:57	0.93	1000.00	n
Total HpCDD	-	-	n	-	0.93	1000.00	n
13C-OCDD	78711900	0.91	y	37:36	0.66	200.00	n
OCDF	964556000	0.91	y	37:43	1.23	2000.00	n
OCDD	755032000	0.89	y	37:36	0.96	2000.00	n

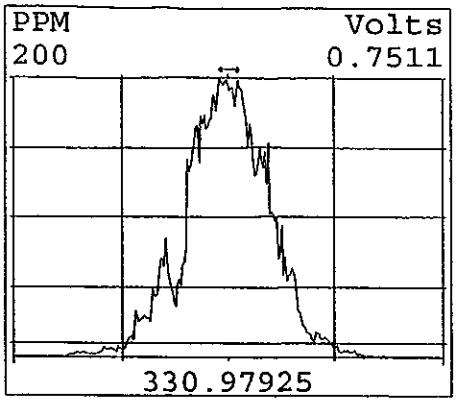
Data file	Smp	Work Order	Sample ID	FV-uL	Method/Matrix	Box	Size	U
29DE058D5	1	ST1229	CS1 2565-41A				1.000	
29DE058D5	2	ST1229A	CS2 2565-41B				1.000	
29DE058D5	3	ST1229B	CS3 2565-41C				1.000	
29DE058D5	4	ST1229C	CS4 2565-41D				1.000	
29DE058D5	5	ST1229D	CS5 2565-41E				1.000	
29DE058D5	6	SB1229	Solvent Blank C-14				1.000	
29DE058D5	7	ST1229E	2nd Source 2565-65	20			1.000	
29DE058D5	8	CP1229	DB-5 CPSM 2565-47				1.000	
29DE058D5	9						1.000	
29DE058D5	10						1.000	
29DE058D5	11						1.000	
29DE058D5	12						1.000	
29DE058D5	13						1.000	
29DE058D5	14		AM 12/29/05				1.000	
29DE058D5	15						1.000	

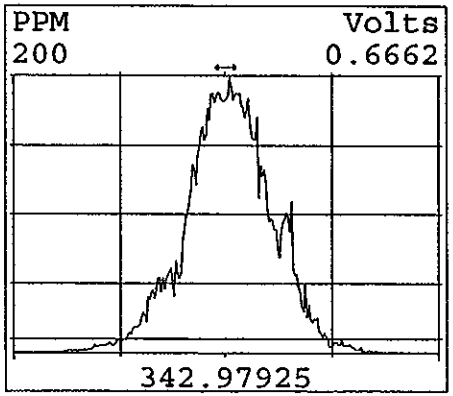
Peak Locate Examination:29-DEC-2005:16:51 File:29DE058D5
Experiment:DIOXIN Function:1 Reference:PFK

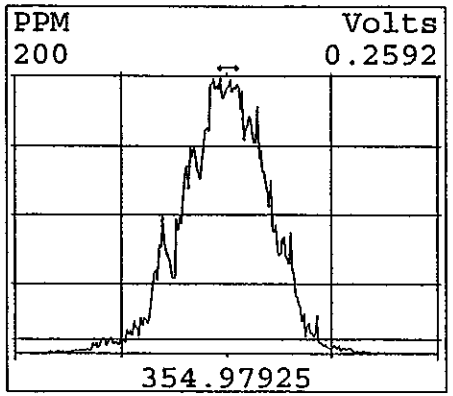


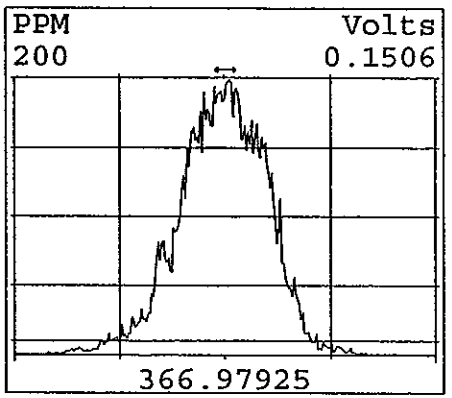


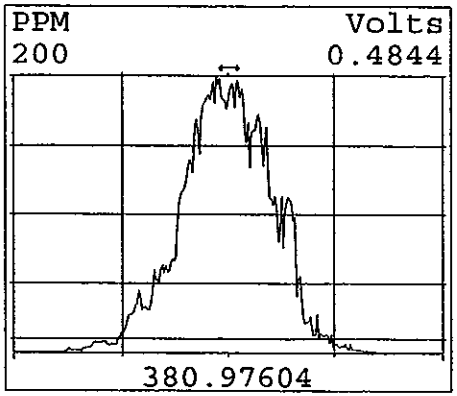


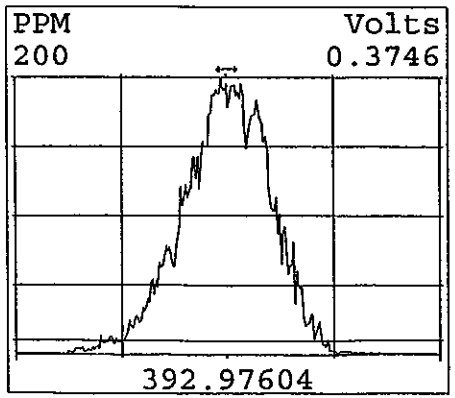


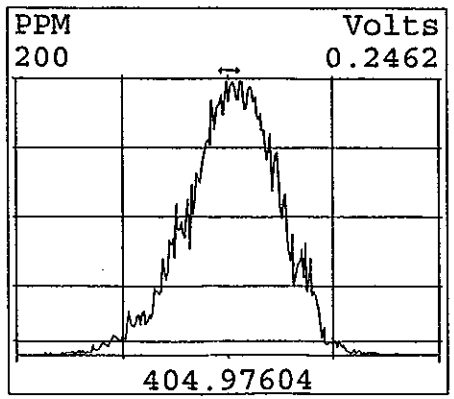


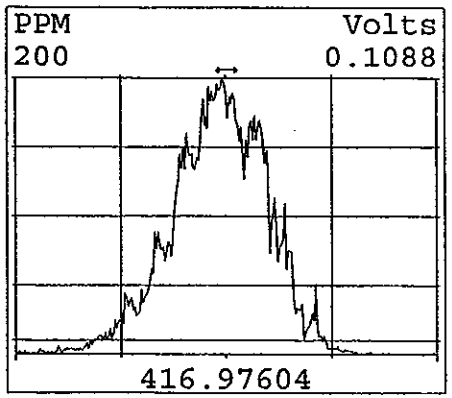




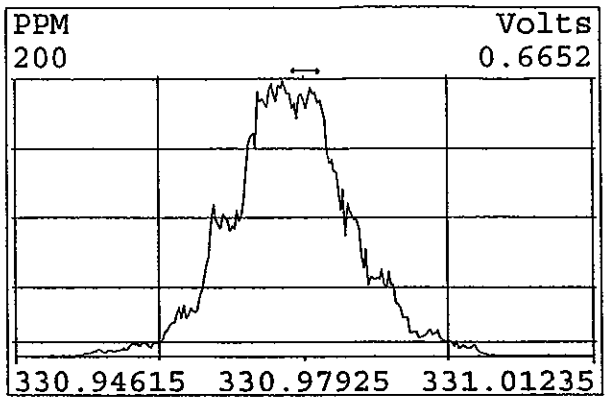


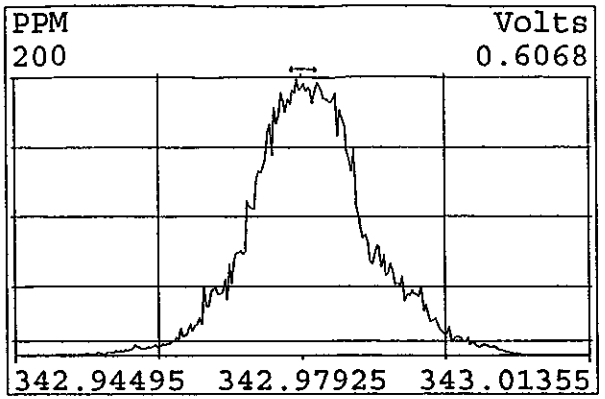


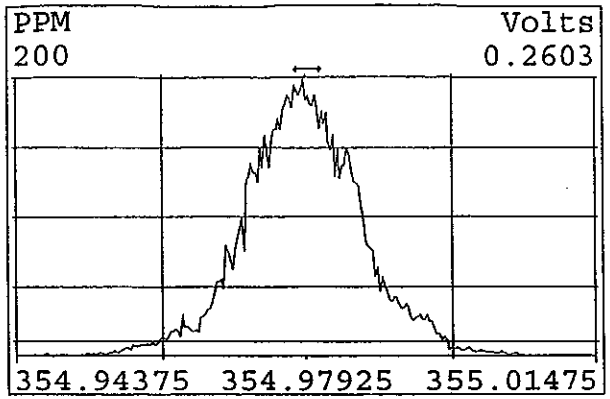


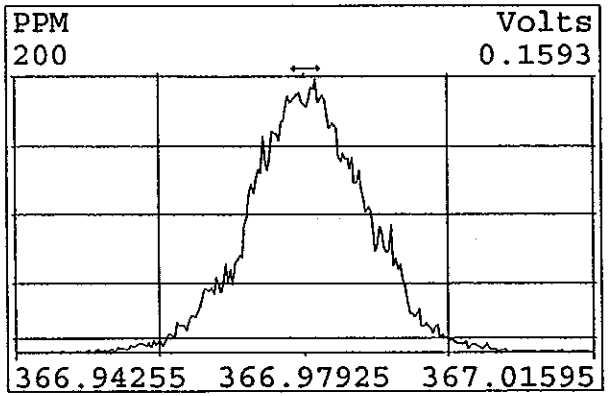


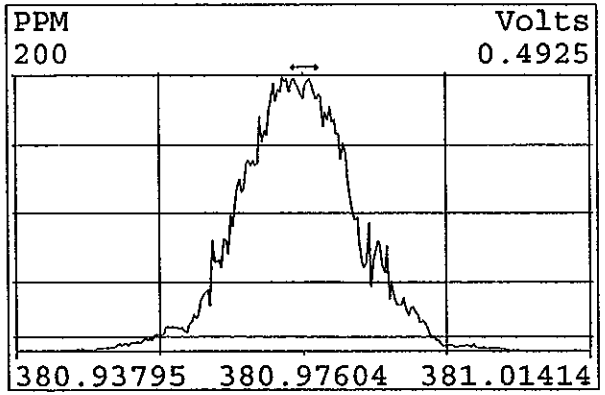
Peak Locate Examination:29-DEC-2005:16:53 File:29DE058D5
Experiment:DIOXIN Function:2 Reference:PFK

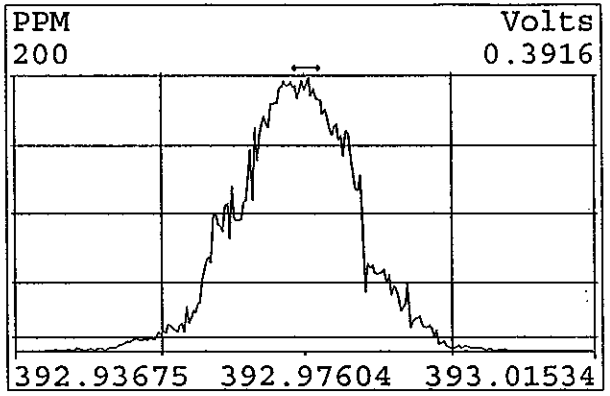


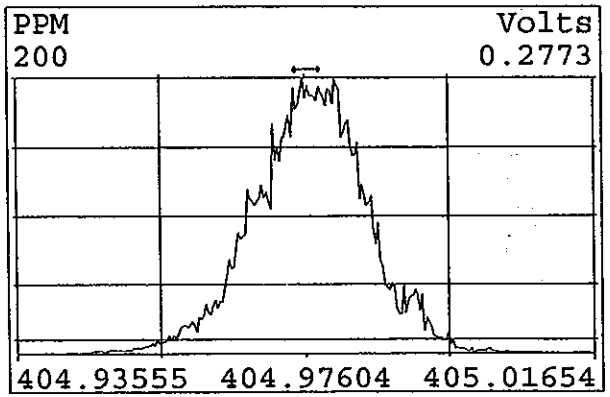


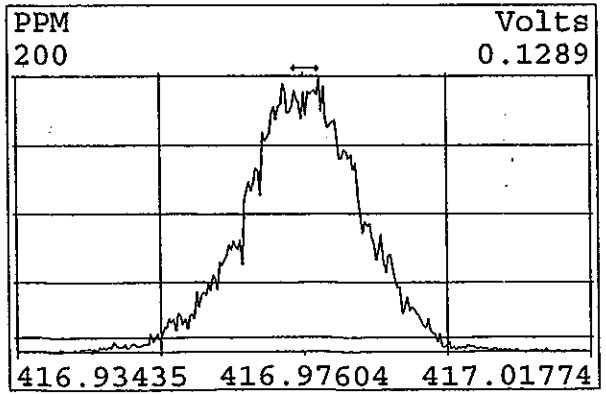




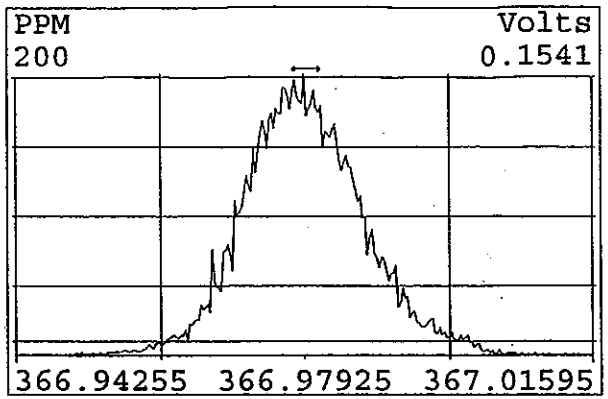


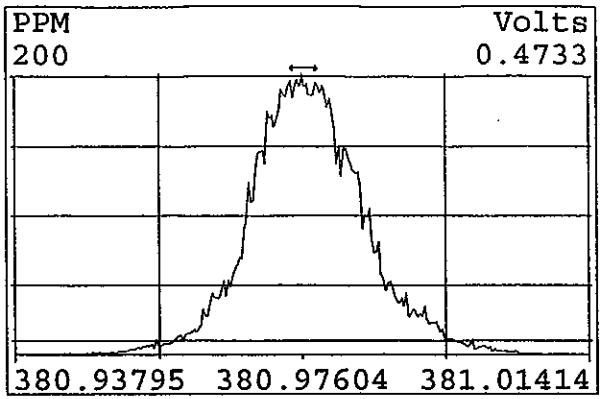


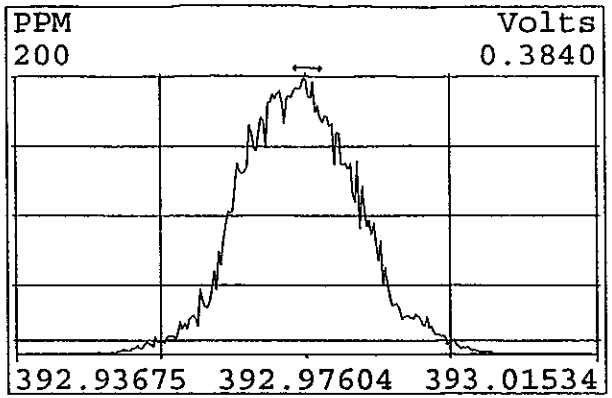


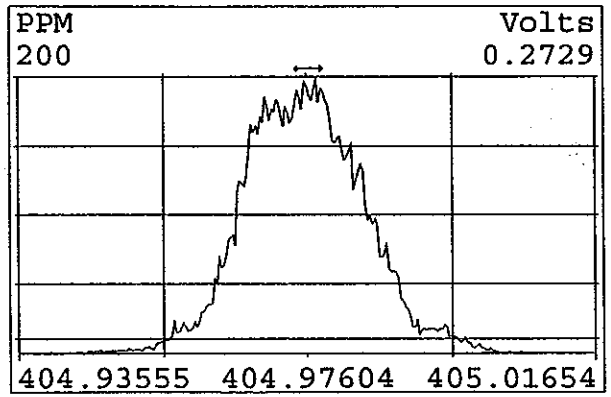


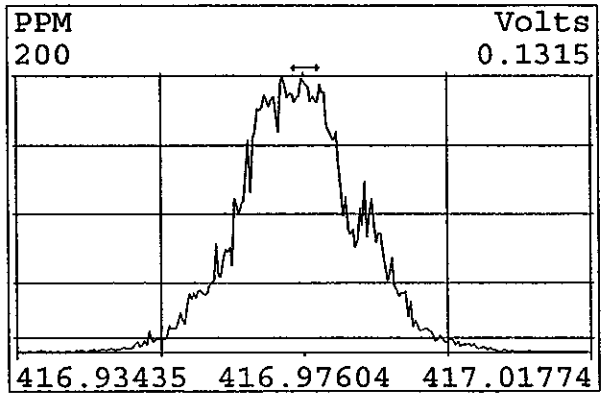
Peak Locate Examination:29-DEC-2005:16:55 File:29DE058D5
Experiment:DIOXIN Function:3 Reference:PFK

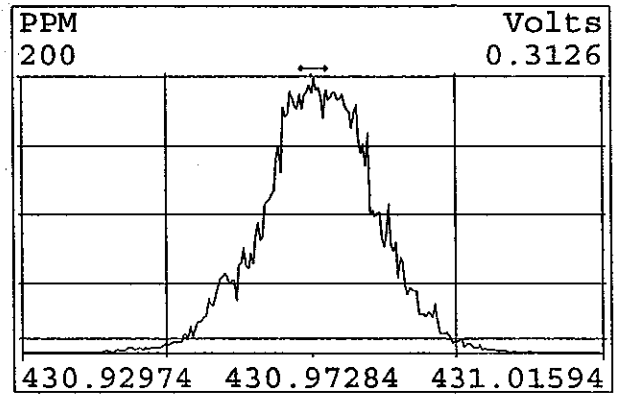


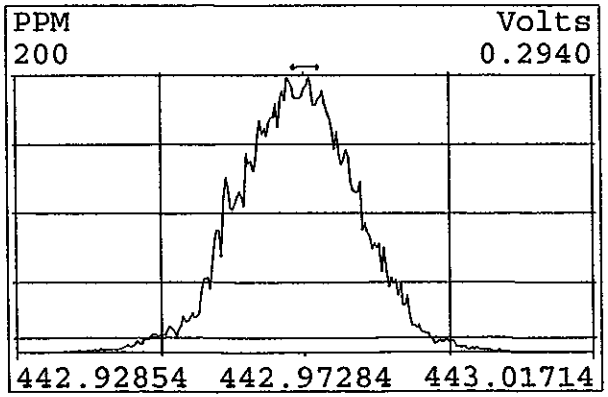


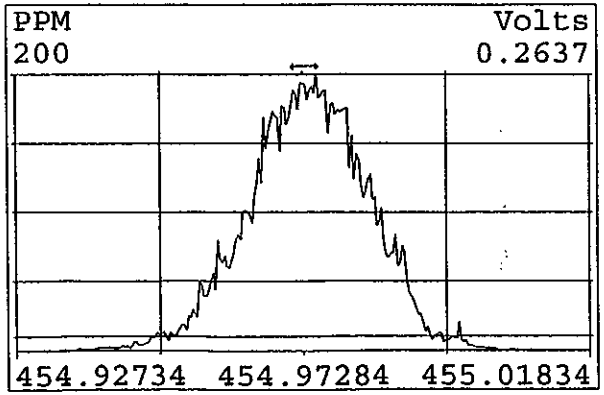




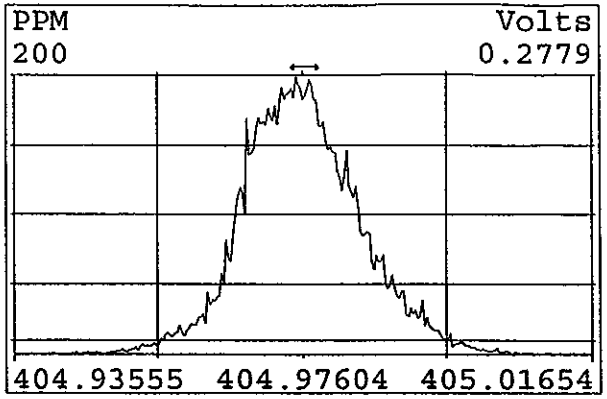


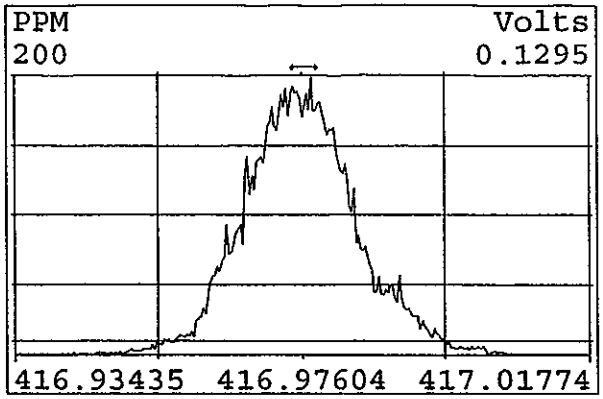


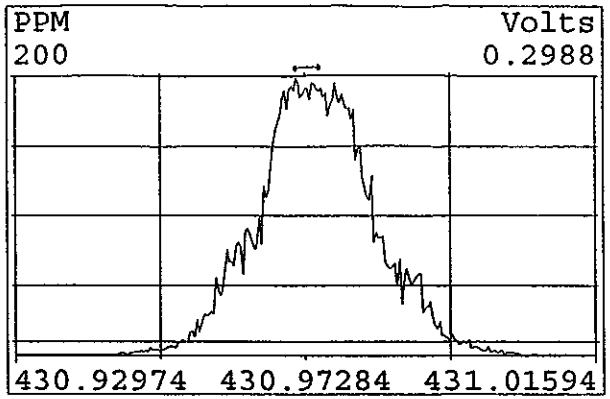


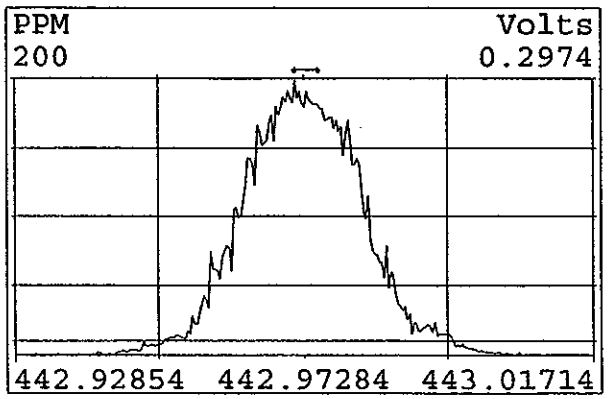


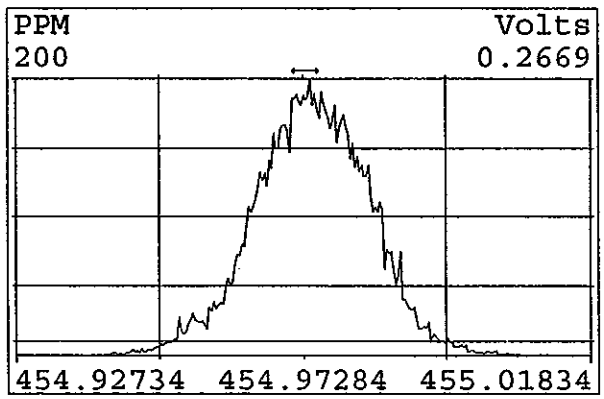
Peak Locate Examination:29-DEC-2005:16:58 File:29DE058D5
Experiment:DIOXIN Function:4 Reference:PFK

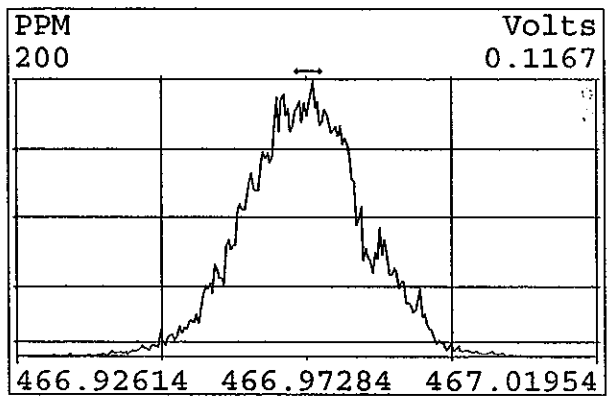


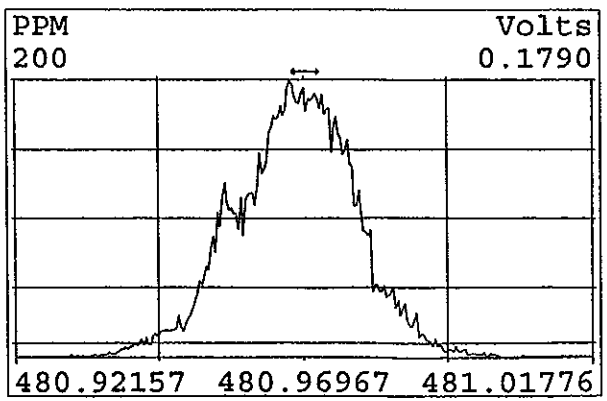




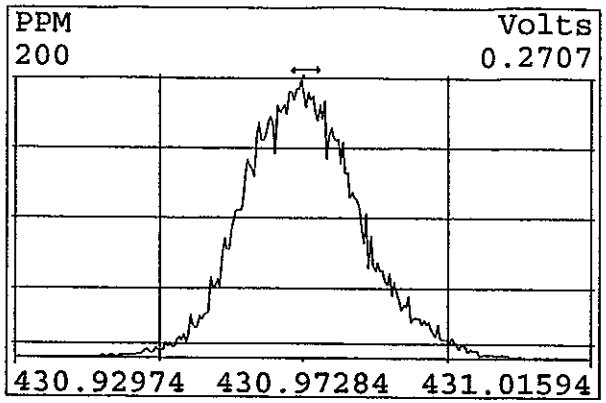


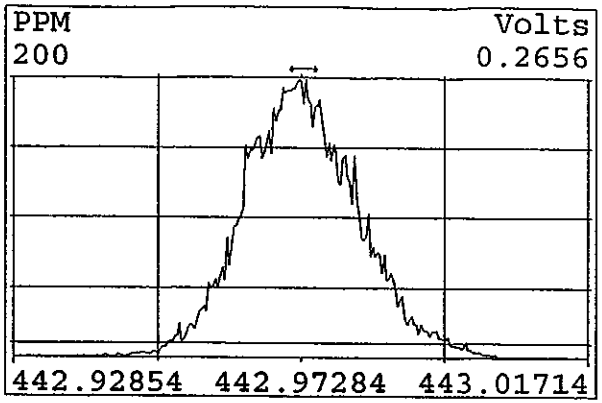


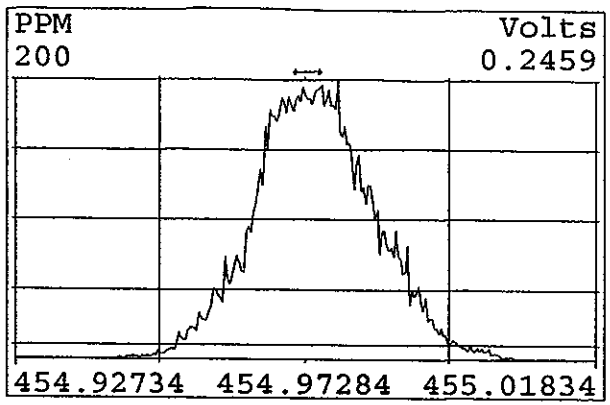


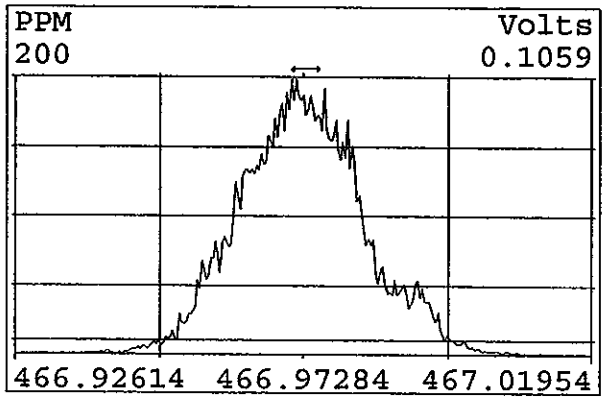


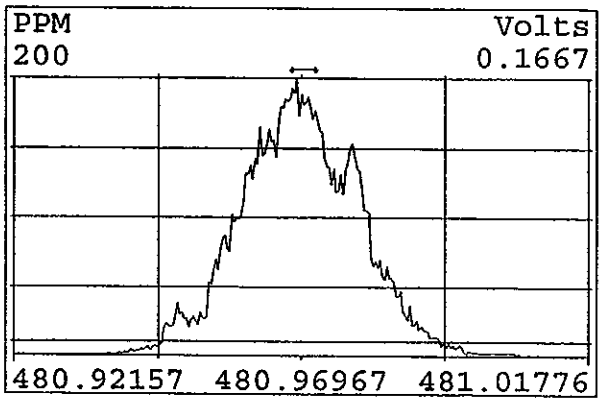
Peak Locate Examination:29-DEC-2005:17:00 File:29DE058D5
Experiment:DIOXIN Function:5 Reference:PFK

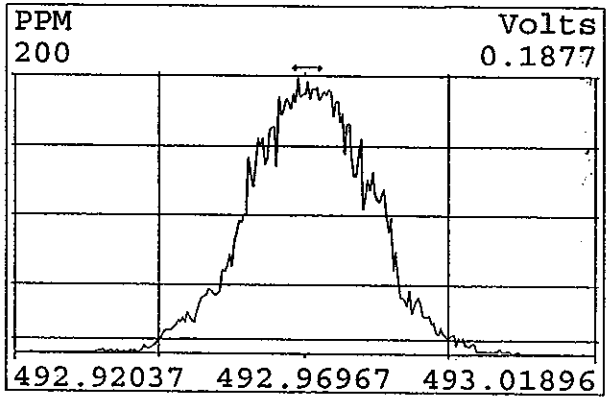


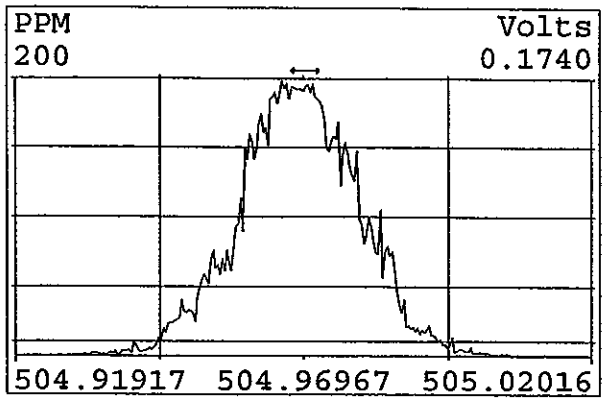


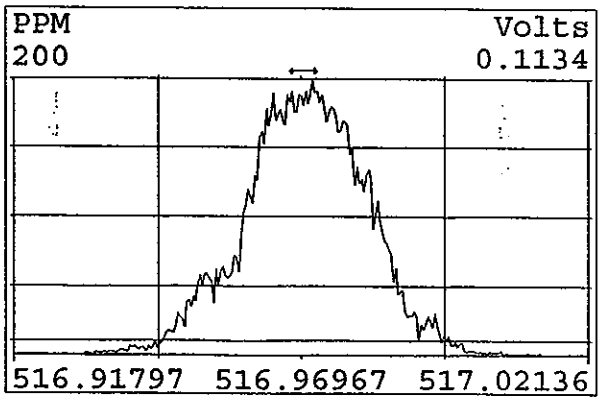




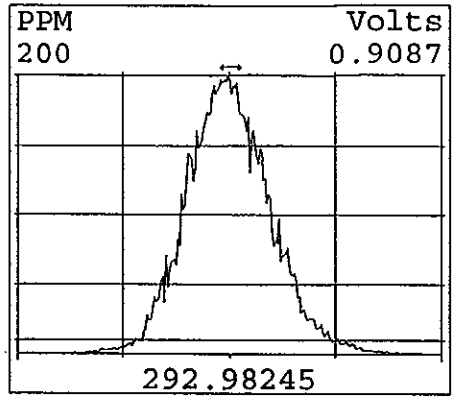


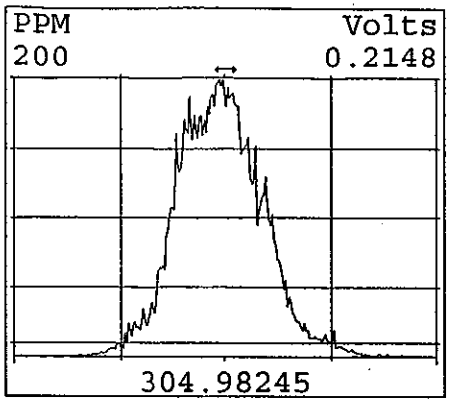


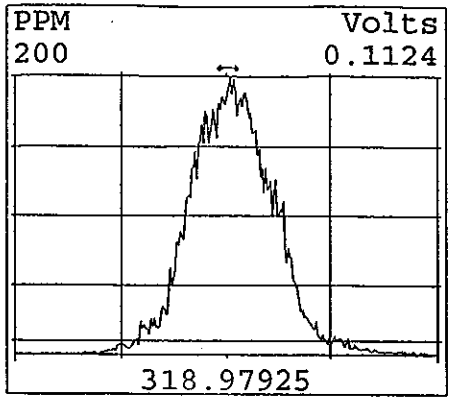


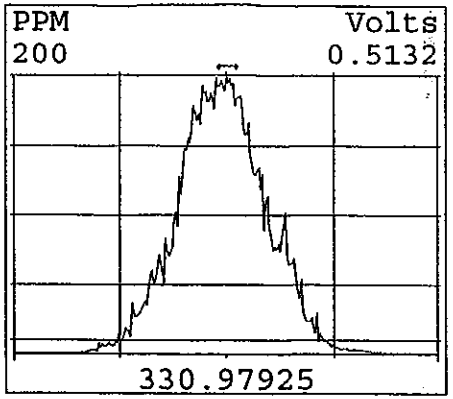


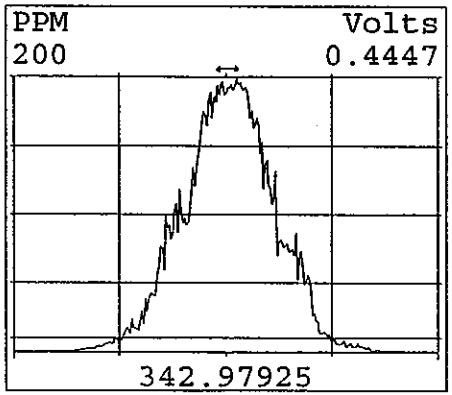
Peak Locate Examination:29-DEC-2005:23:22 File:RESCHK29DE058D5
Experiment:DIOXIN Function:1 Reference:PFK

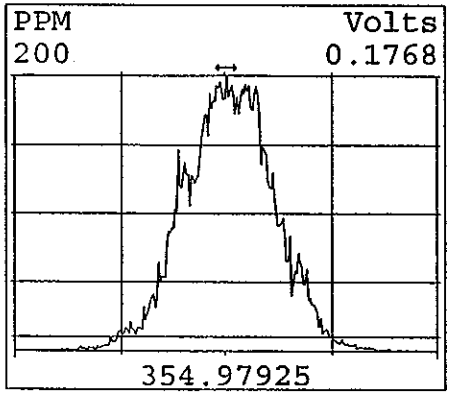


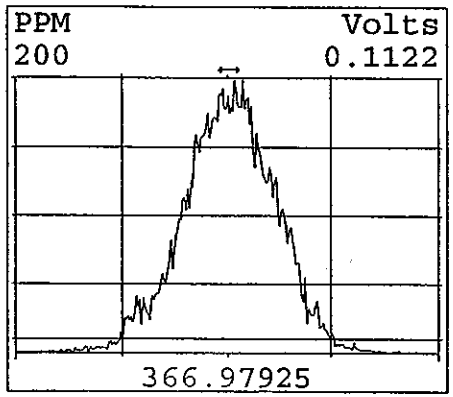


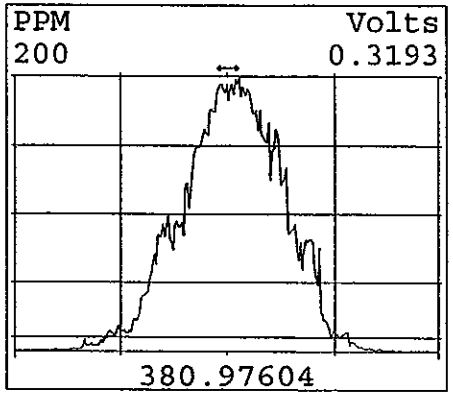


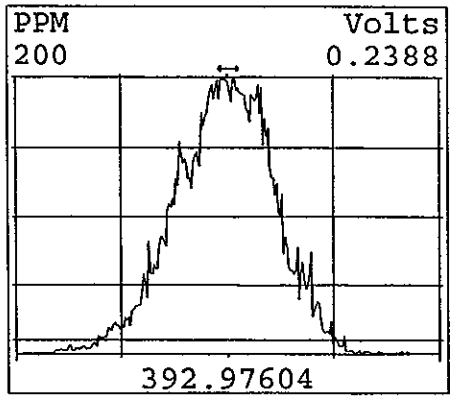


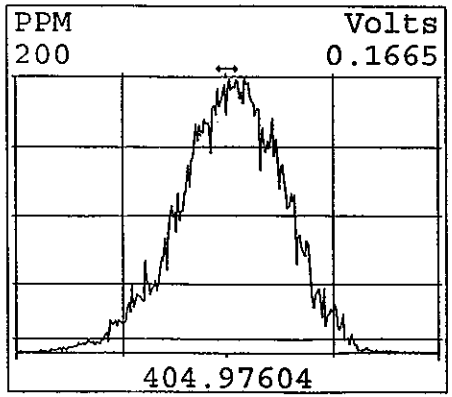


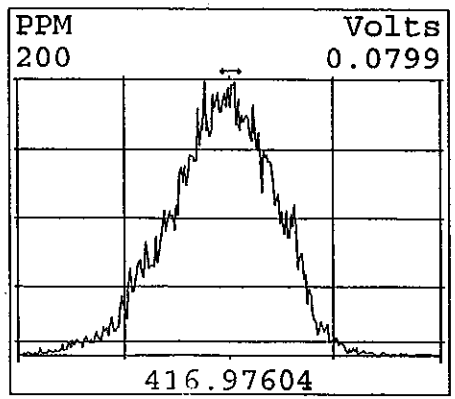




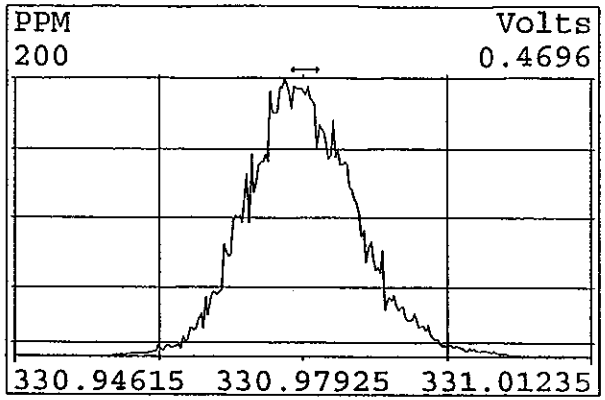


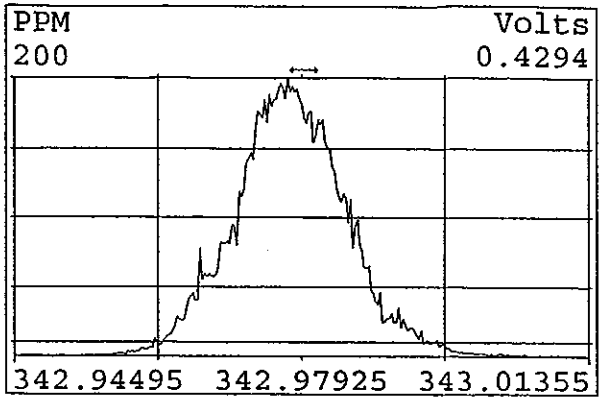


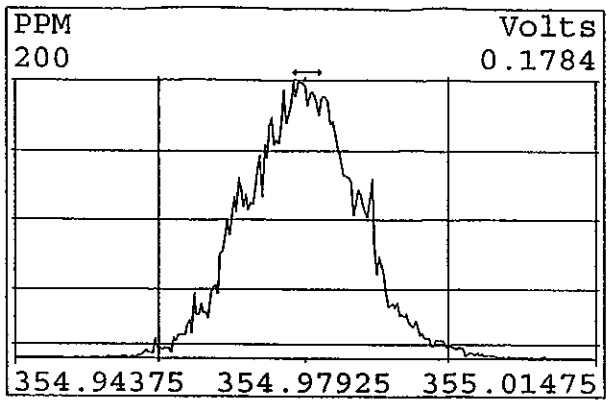


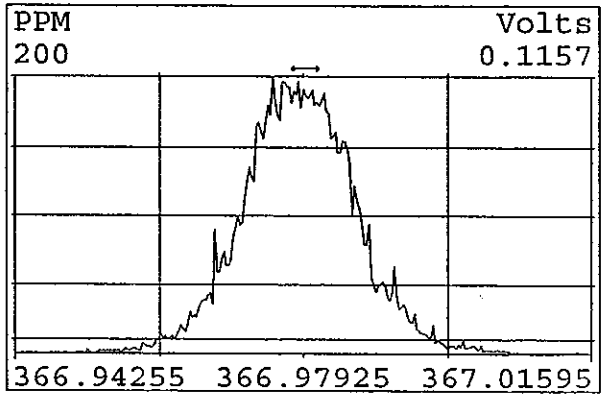


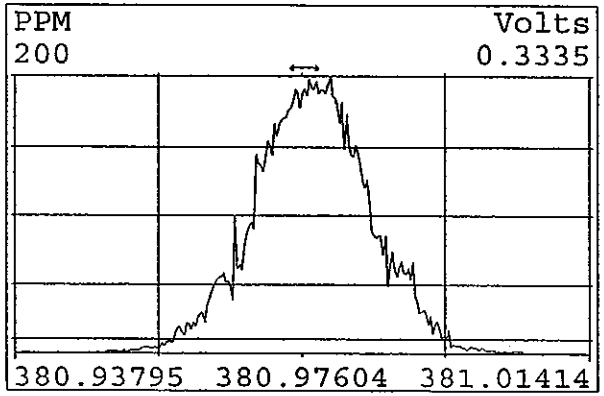
Peak Locate Examination:29-DEC-2005:23:25 File:RESCHK29DE058D5
Experiment:DIOXIN Function:2 Reference:PFK

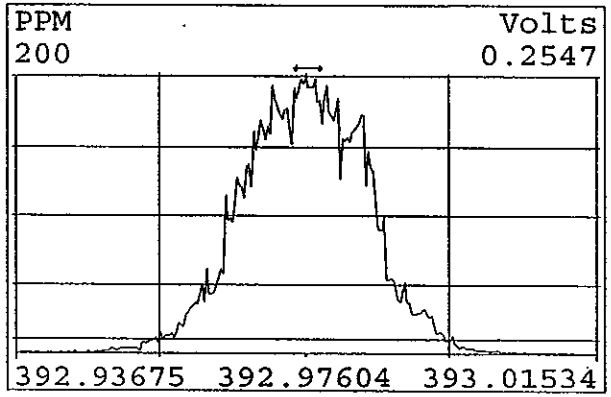


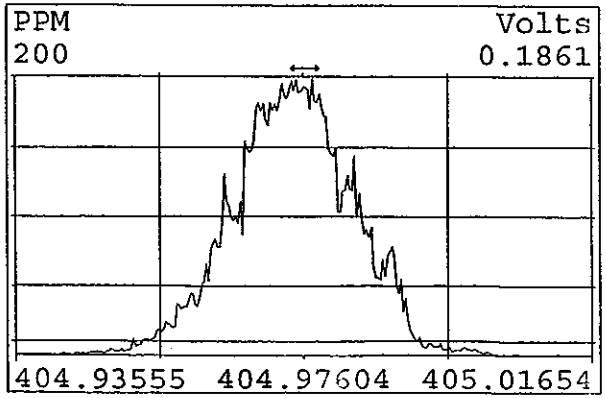


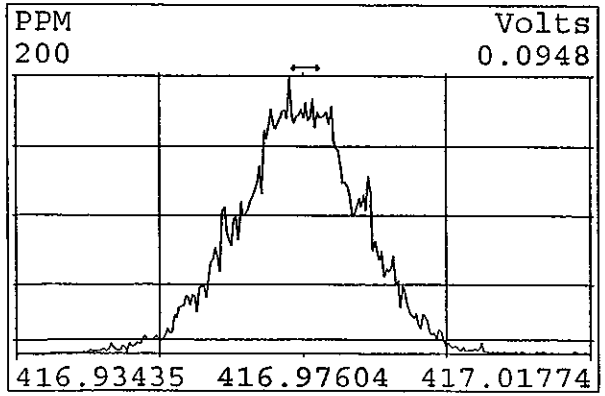




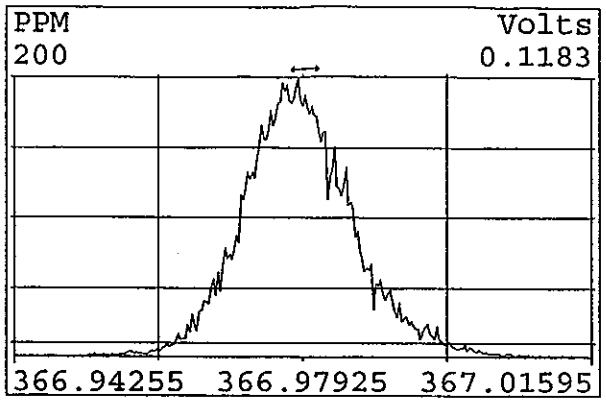


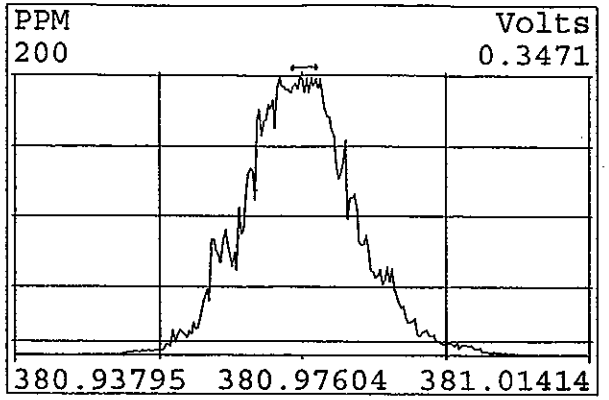


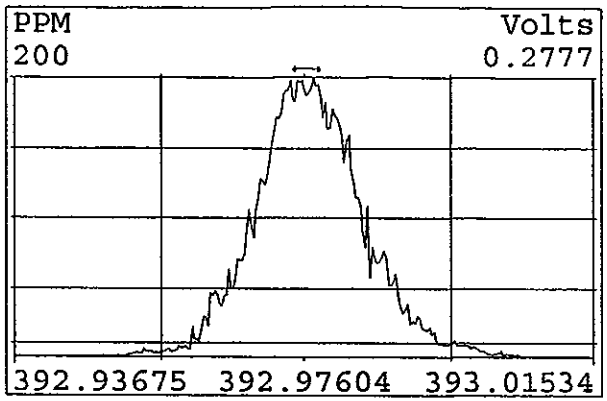


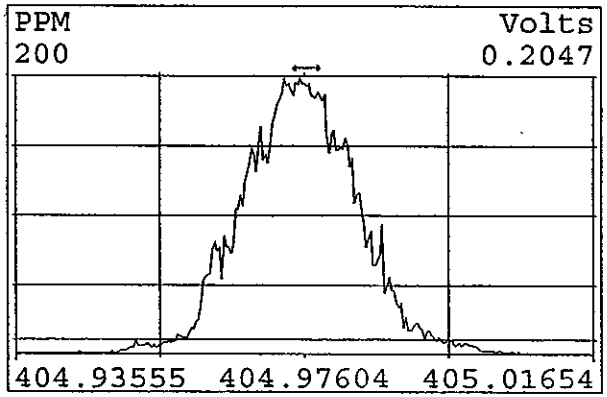


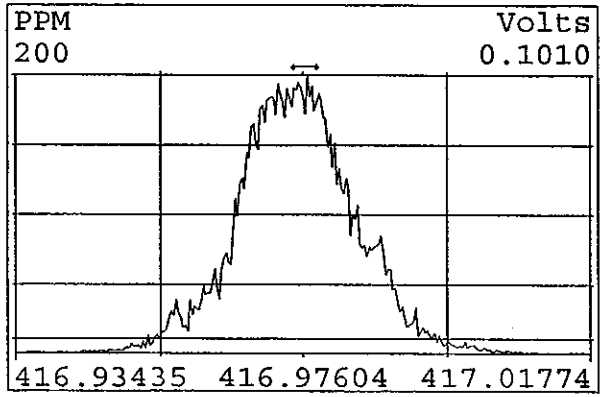
Peak Locate Examination:29-DEC-2005:23:26 File:RESCHK29DE058D5
Experiment:DIOXIN Function:3 Reference:PFK

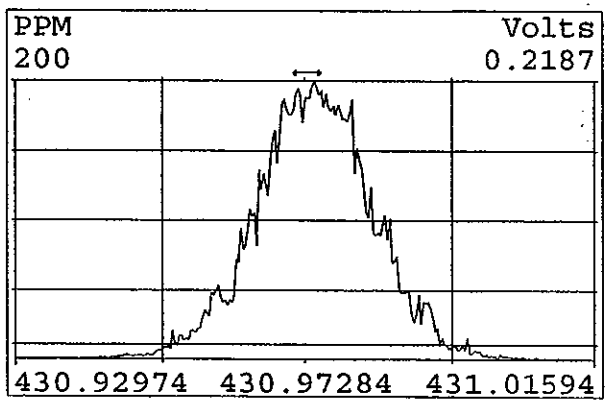


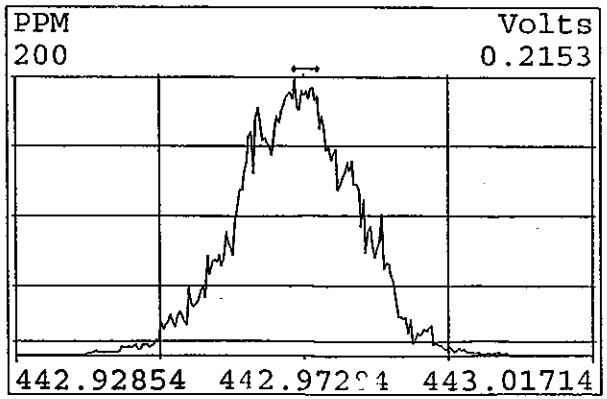


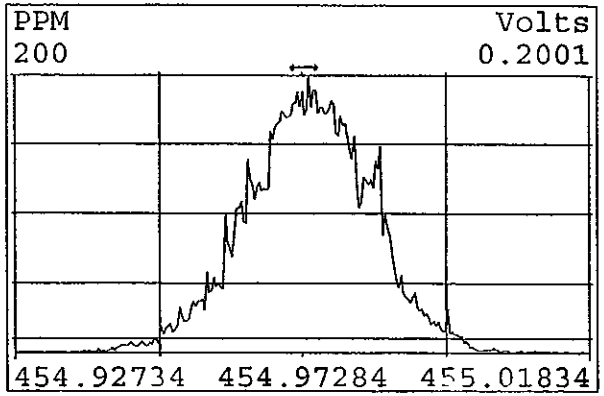




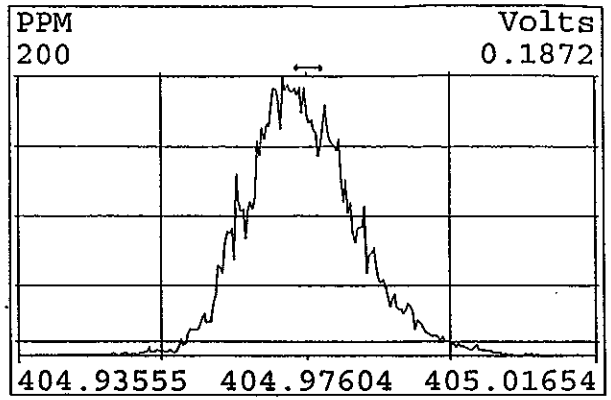


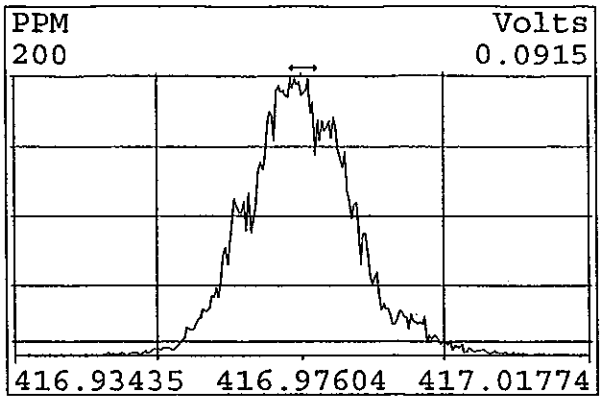


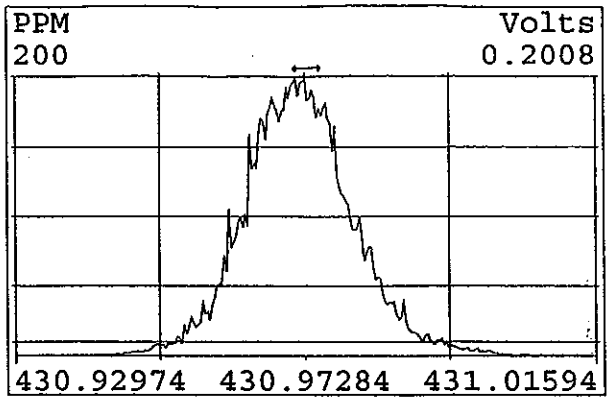


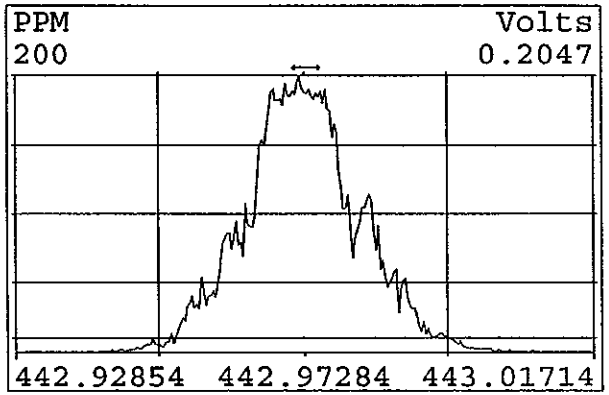


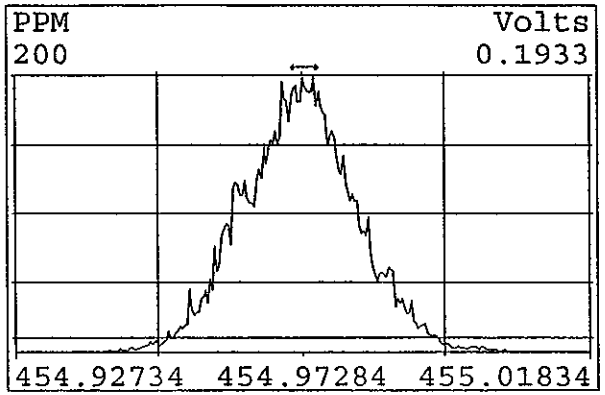
Peak Locate Examination:29-DEC-2005:23:29 File:RESCHK29DE058D5
Experiment:DIOXIN Function:4 Reference:PFK

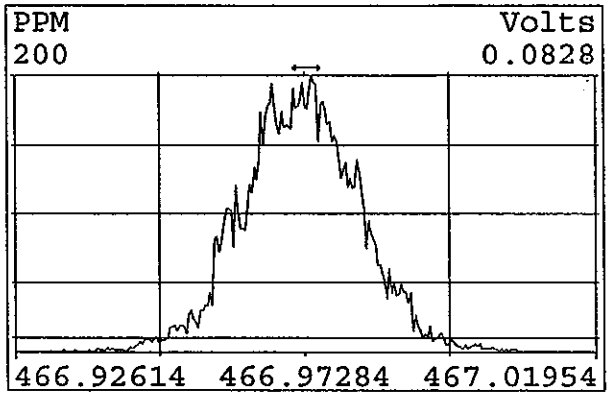


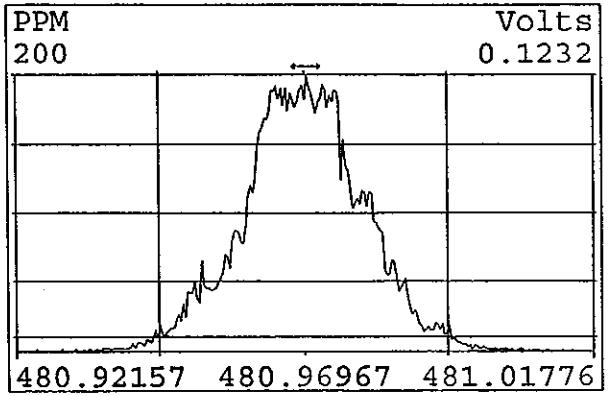




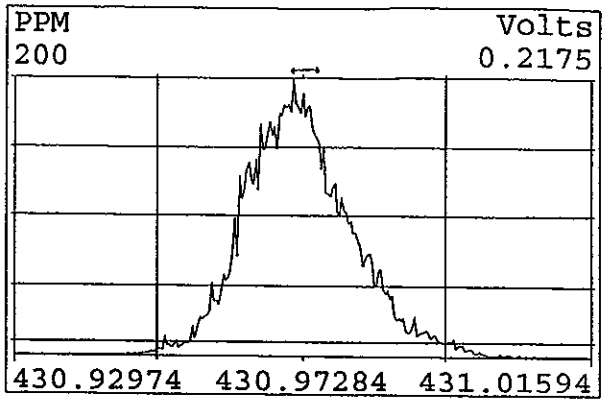


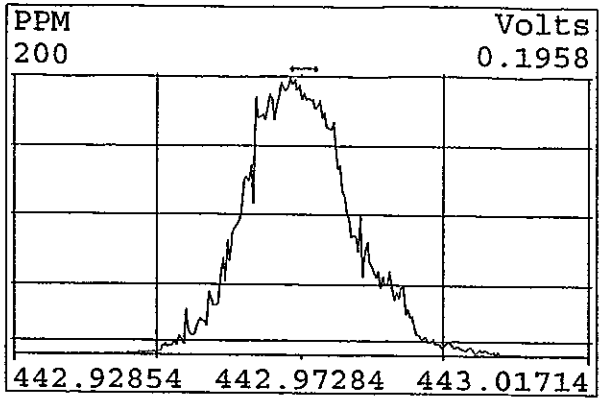


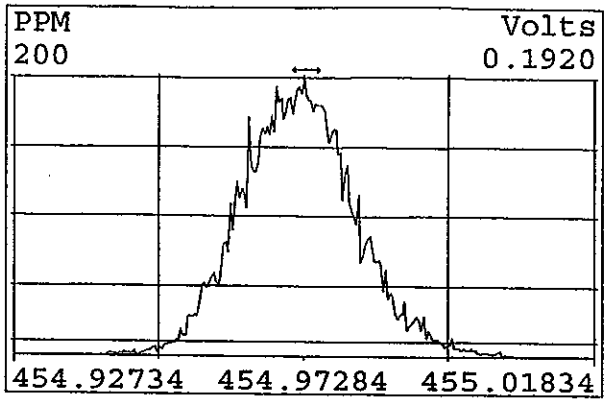


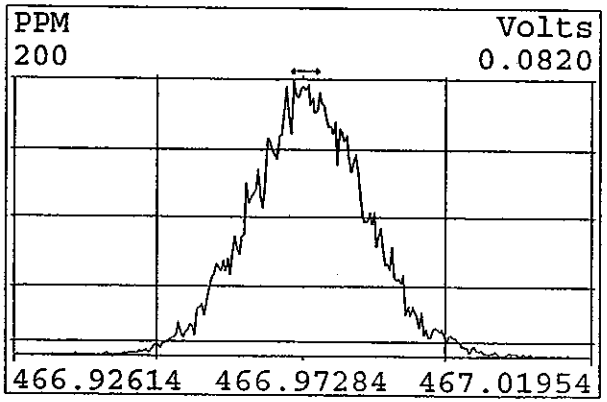


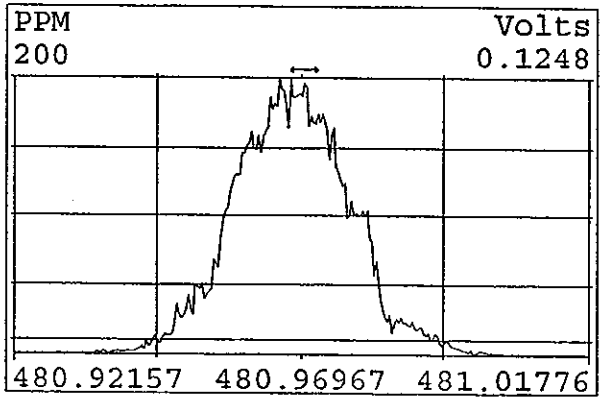
Peak Locate Examination:29-DEC-2005:23:30 File:RESCHK29DE058D5
Experiment:DIOXIN Function:5 Reference:PFK

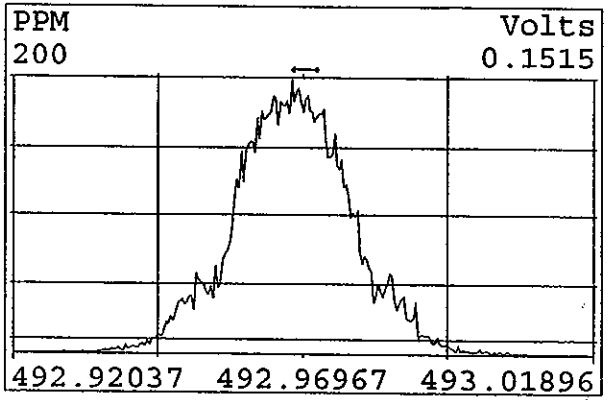


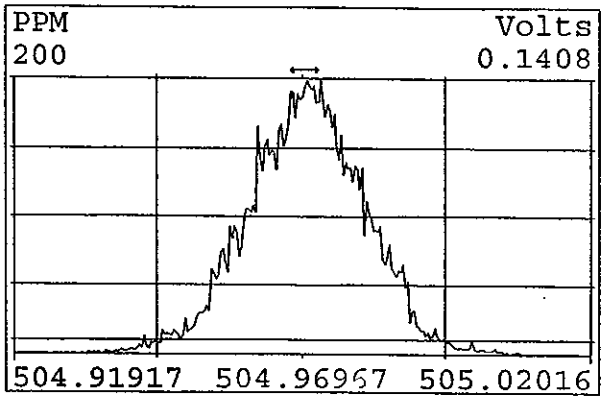


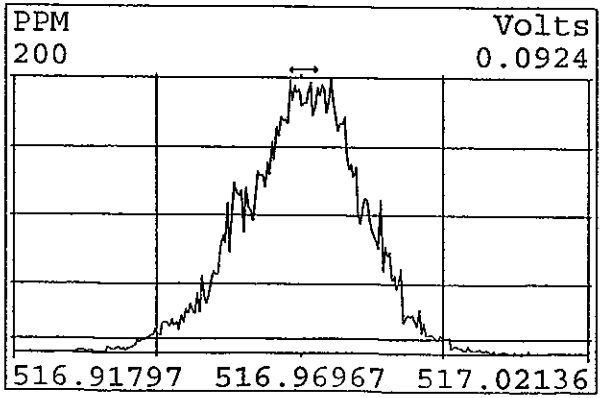






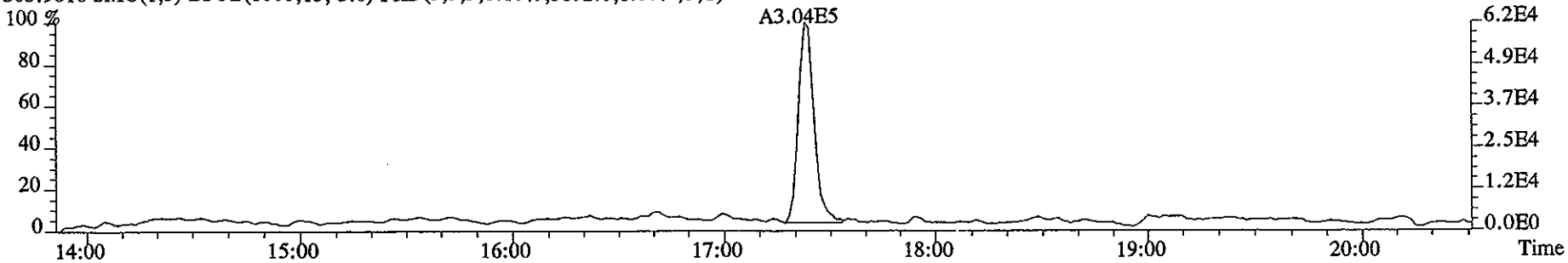




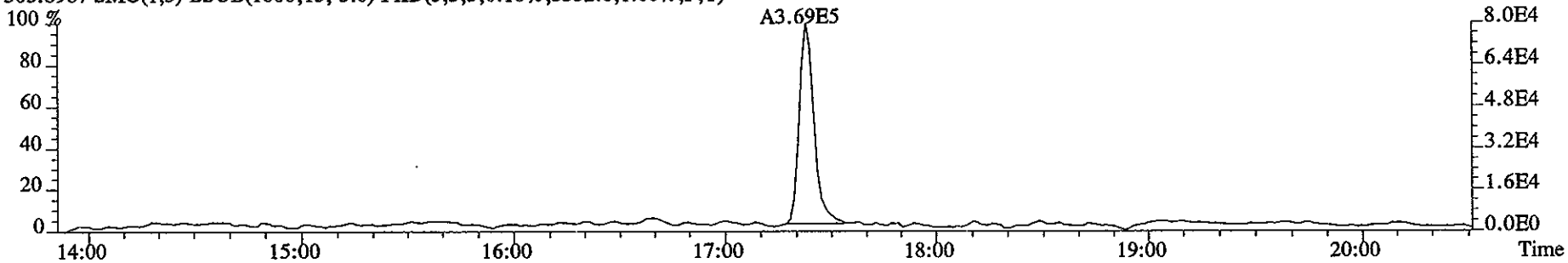


File:29DE058D5 #1-362 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN

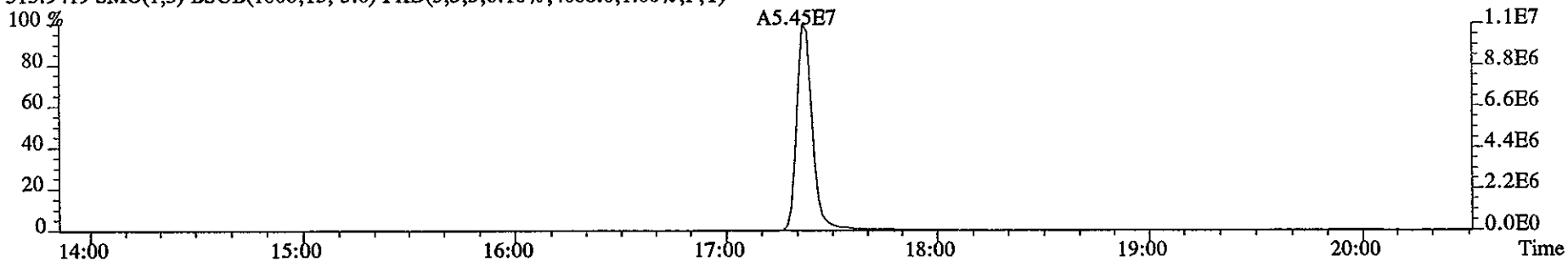
303.9016 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3892.0,1.00%,F,T)



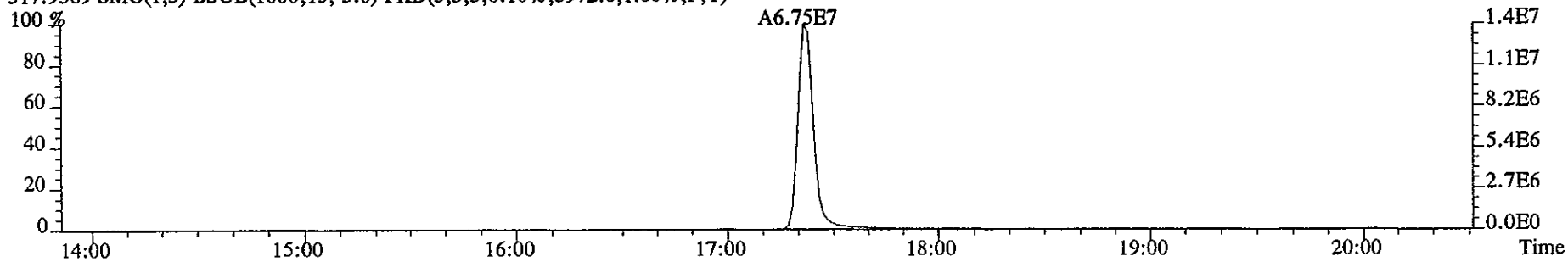
305.8987 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3352.0,1.00%,F,T)



315.9419 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4088.0,1.00%,F,T)

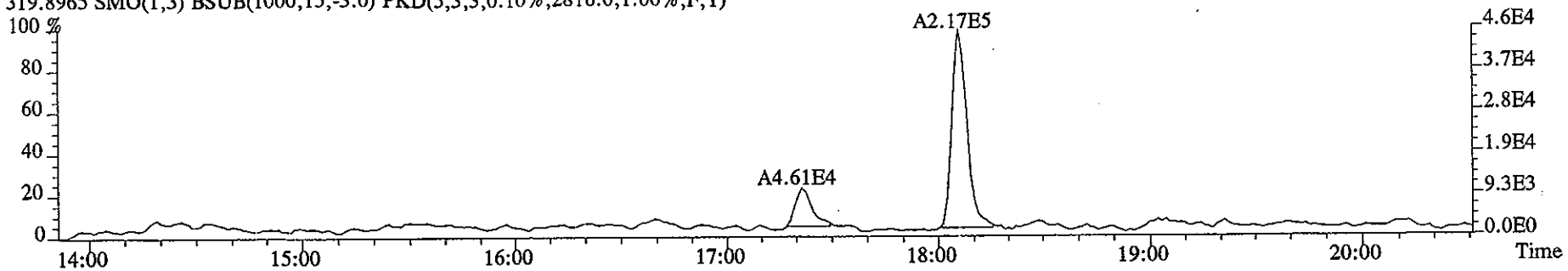


317.9389 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5972.0,1.00%,F,T)

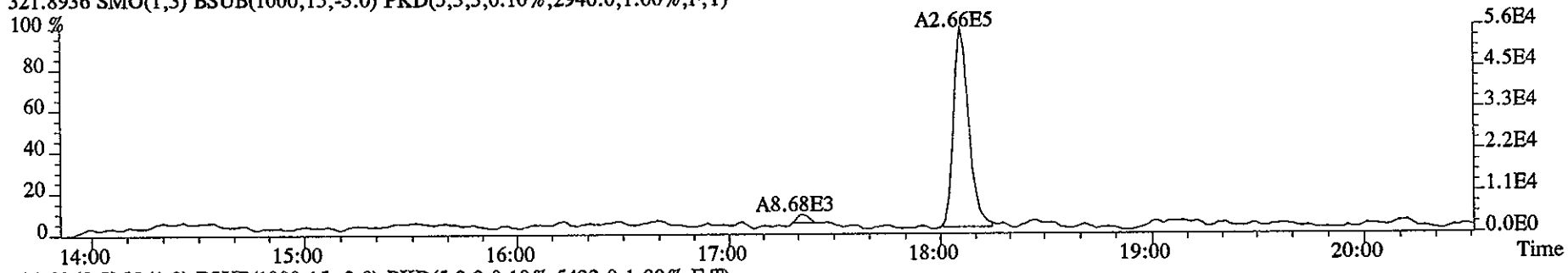


File:29DE058D5 #1-362 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN

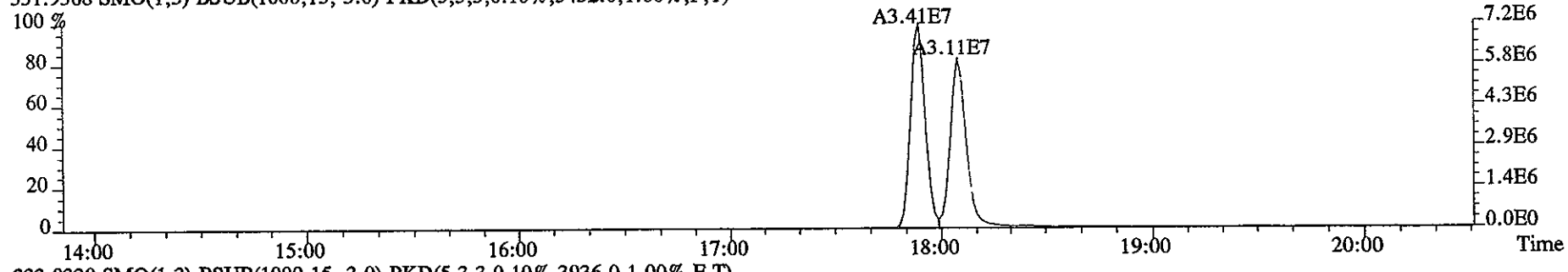
319.8965 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2816.0,1.00%,F,T)



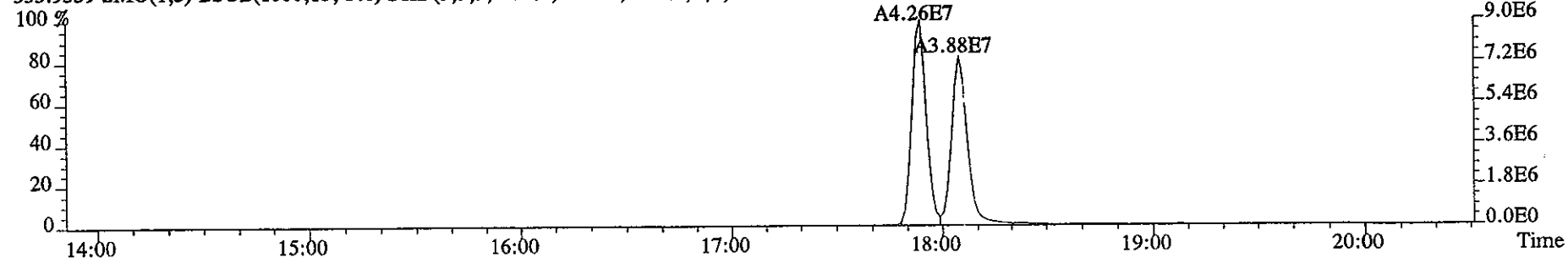
321.8936 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2940.0,1.00%,F,T)



331.9368 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5432.0,1.00%,F,T)

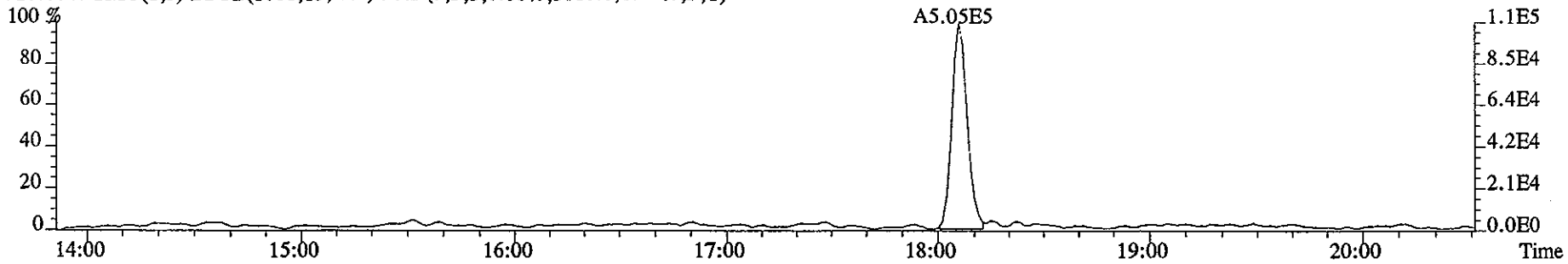


333.9339 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3936.0,1.00%,F,T)

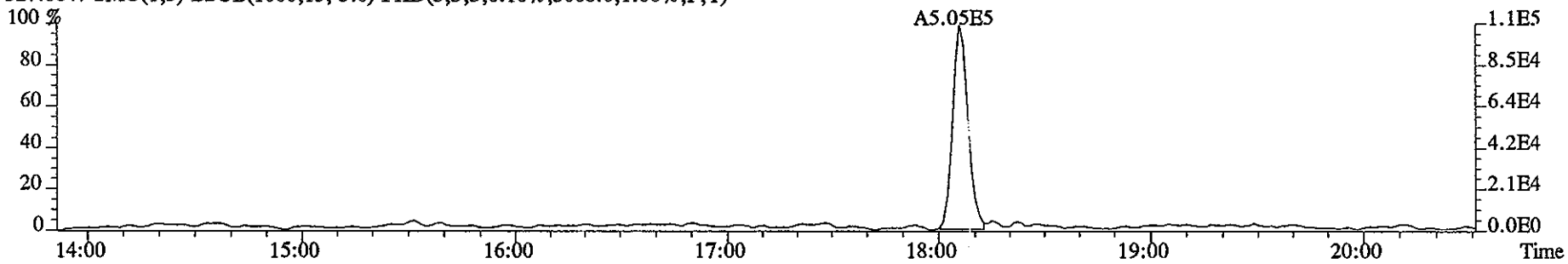


File:29DE058D5 #1-362 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN

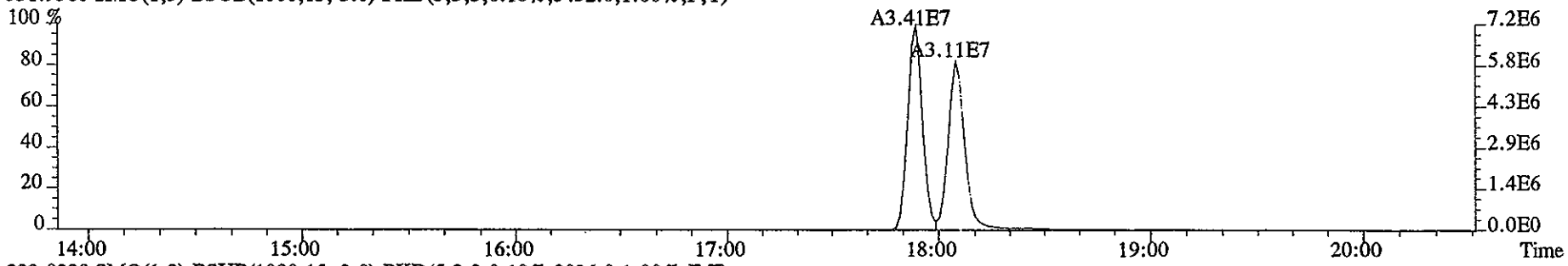
327.8847 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3068.0,1.00%,F,T)



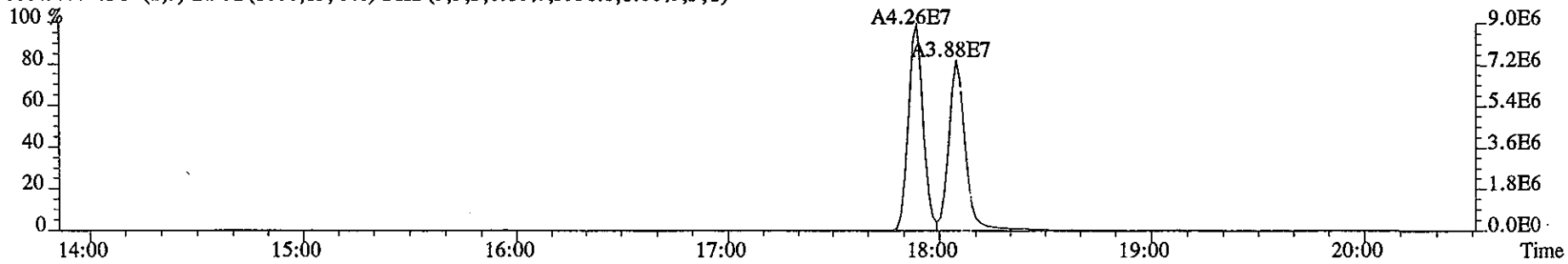
327.8847 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3068.0,1.00%,F,T)



331.9368 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5432.0,1.00%,F,T)

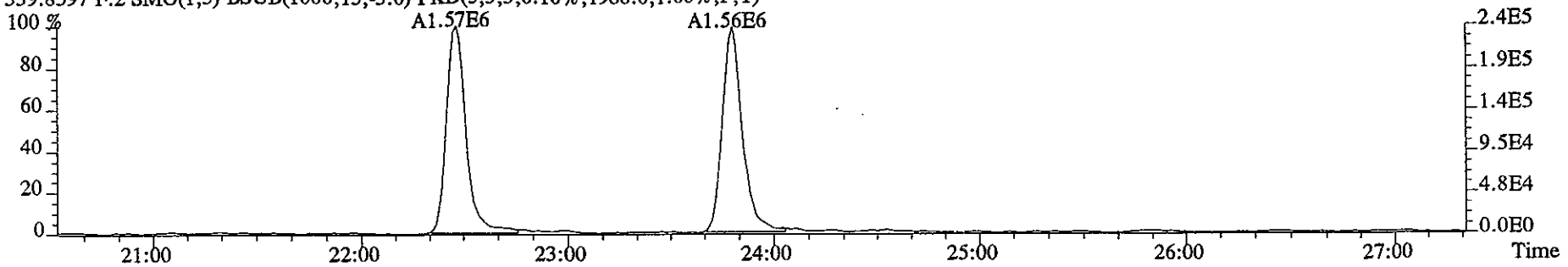


333.9339 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3936.0,1.00%,F,T)

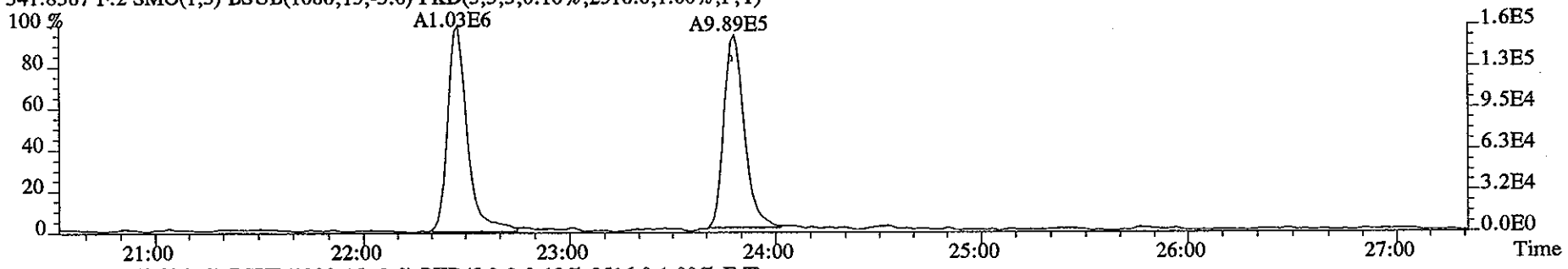


File:29DE058D5 #1-479 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN

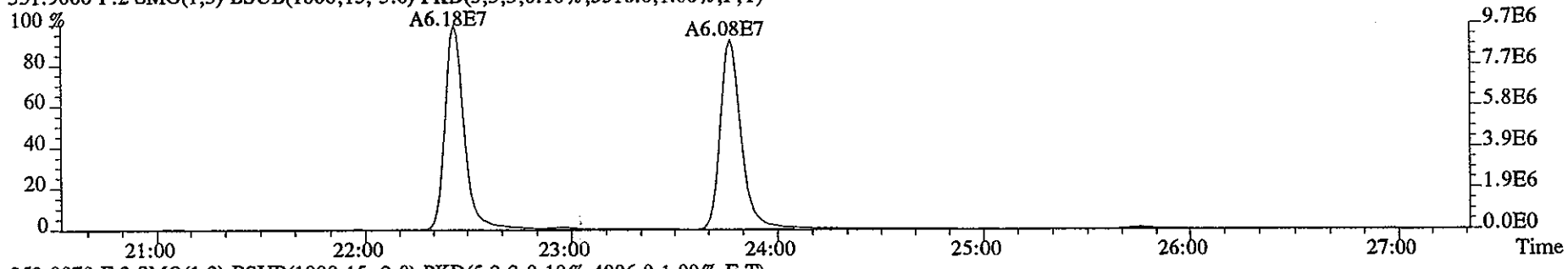
339.8597 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1988.0,1.00%,F,T)



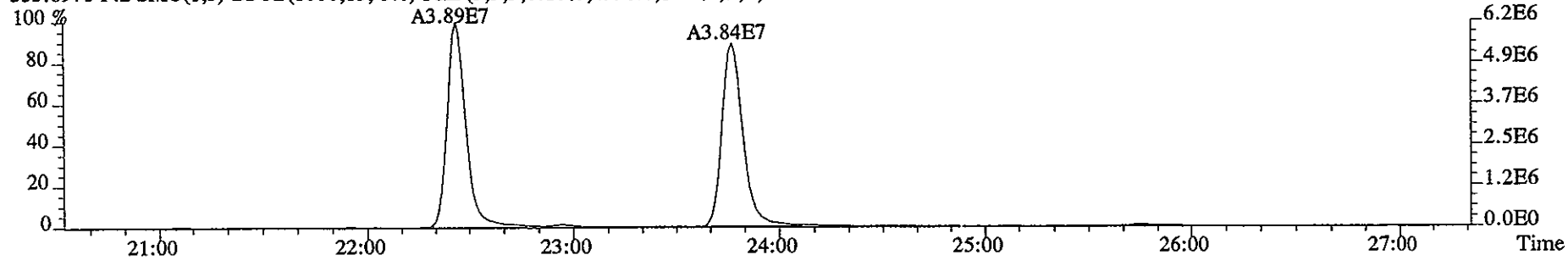
341.8567 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2516.0,1.00%,F,T)



351.9000 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3516.0,1.00%,F,T)

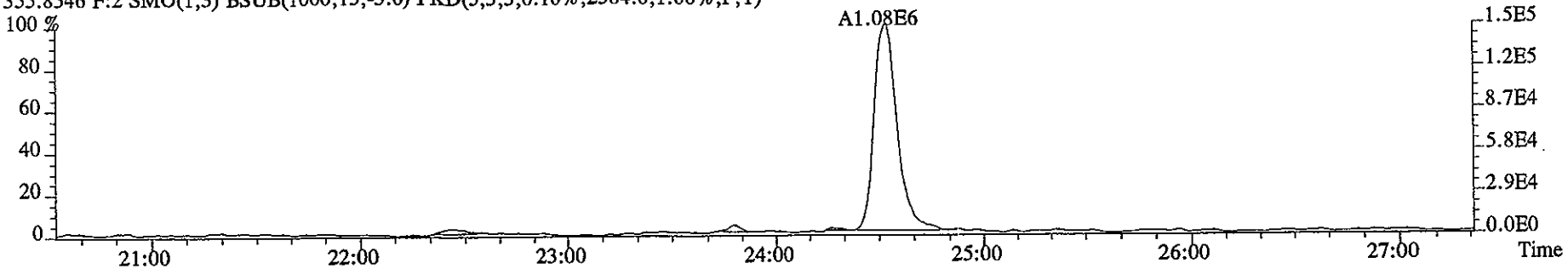


353.8970 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4996.0,1.00%,F,T)

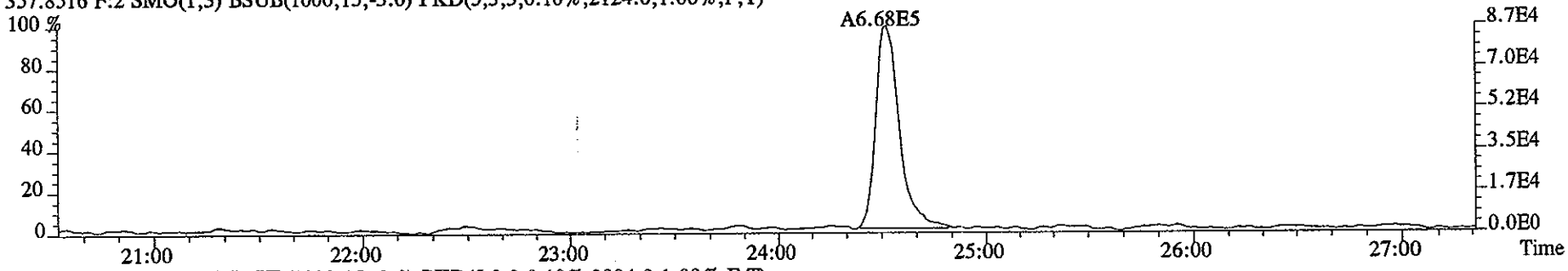


File:29DE058D5 #1-479 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN

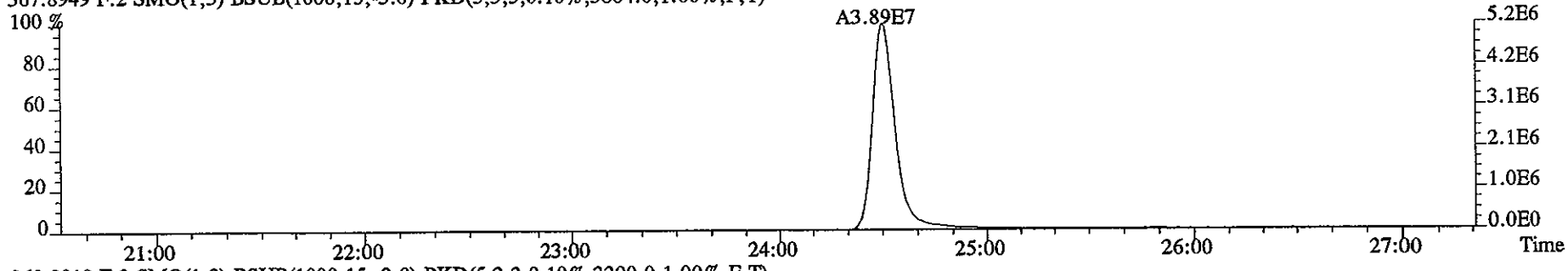
355.8546 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2564.0,1.00%,F,T)



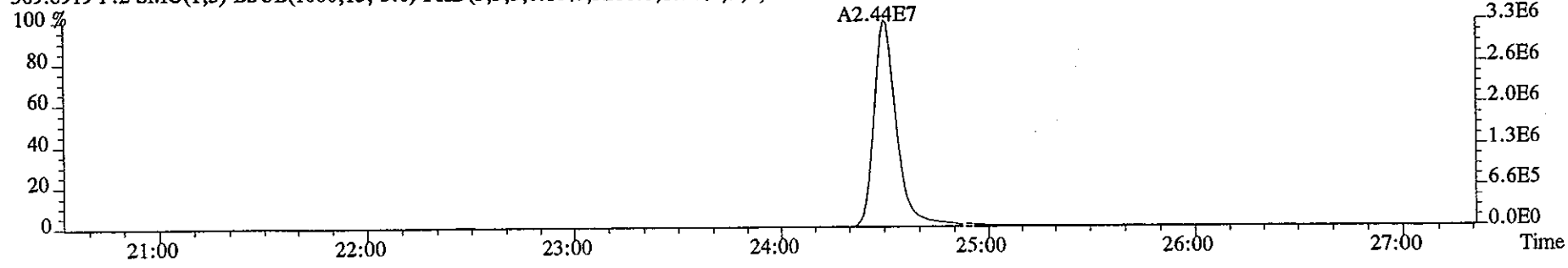
357.8516 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2124.0,1.00%,F,T)



367.8949 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3804.0,1.00%,F,T)

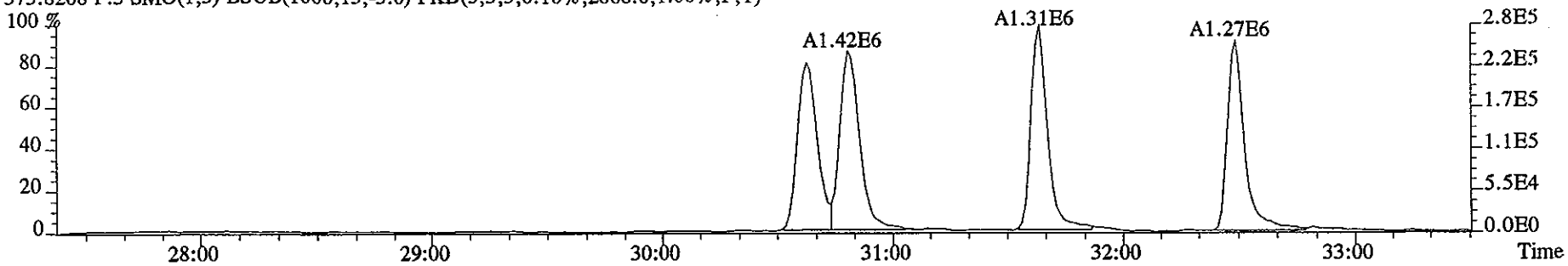


369.8919 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3200.0,1.00%,F,T)

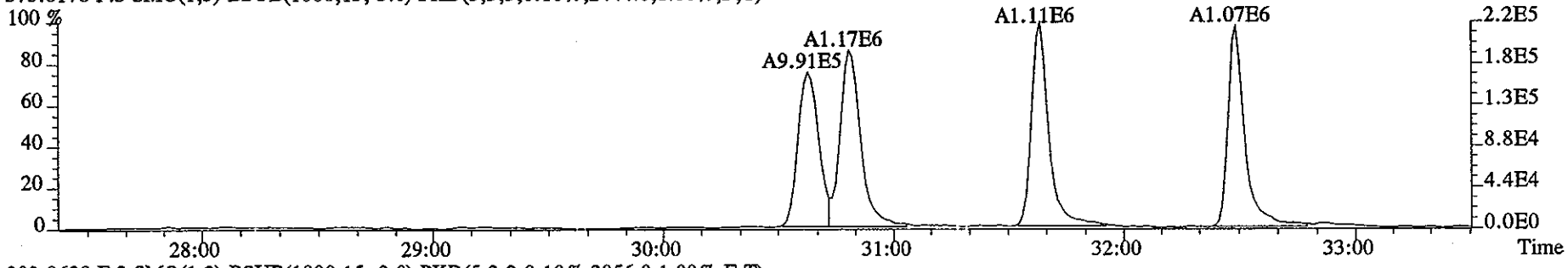


File:29DE058D5 #1-412 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN

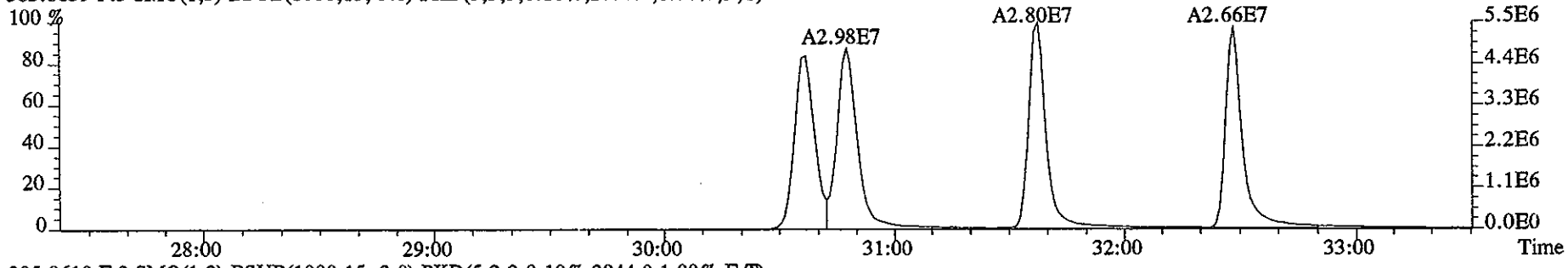
373.8208 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2868.0,1.00%,F,T)



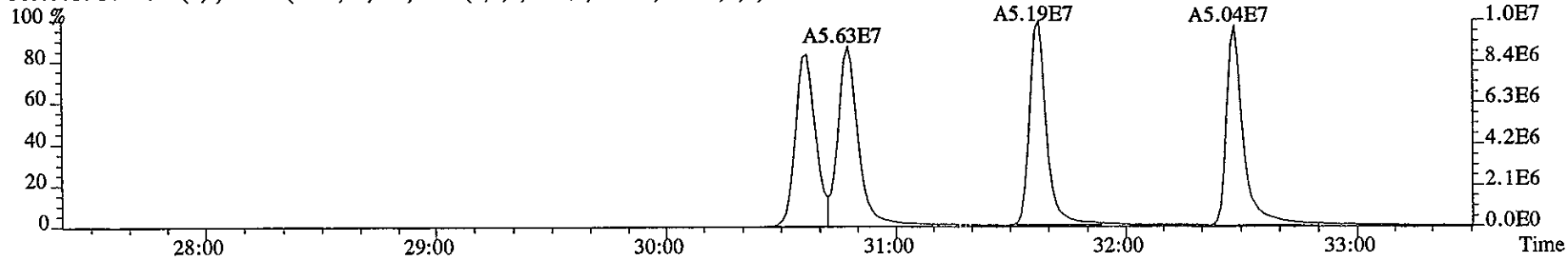
375.8178 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2444.0,1.00%,F,T)



383.8639 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2856.0,1.00%,F,T)

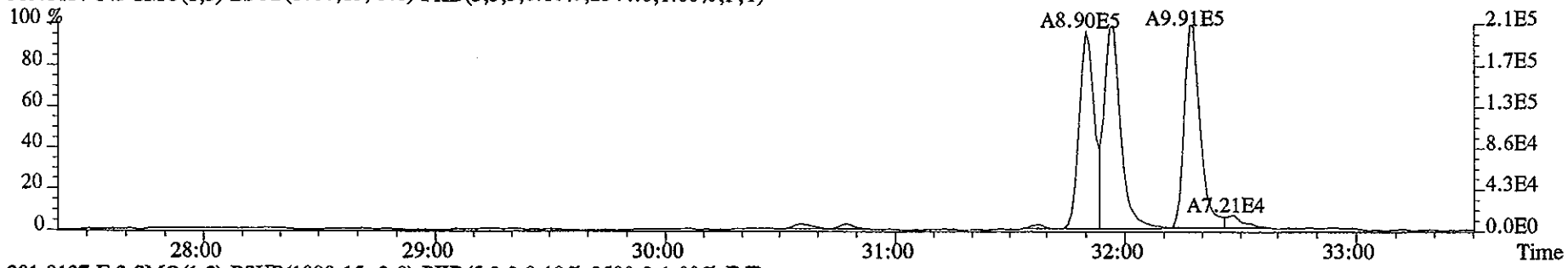


385.8610 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2944.0,1.00%,F,T)

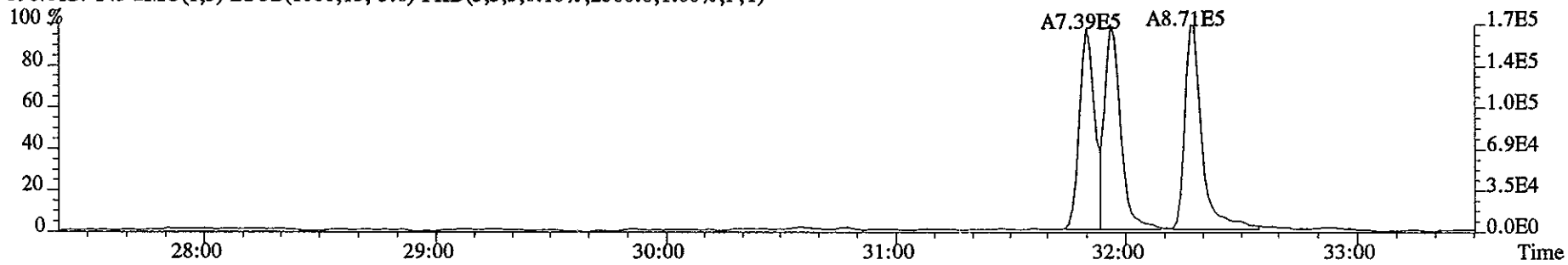


File:29DE058D5 #1-412 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN

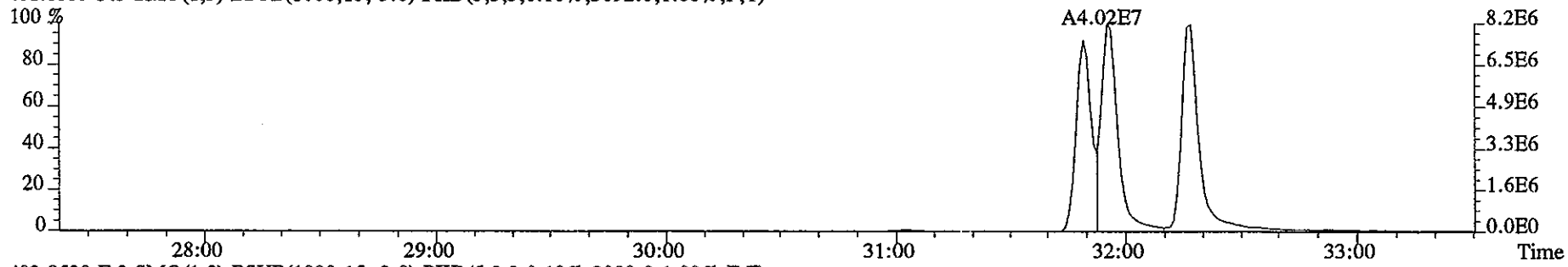
389.8157 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2344.0,1.00%,F,T)



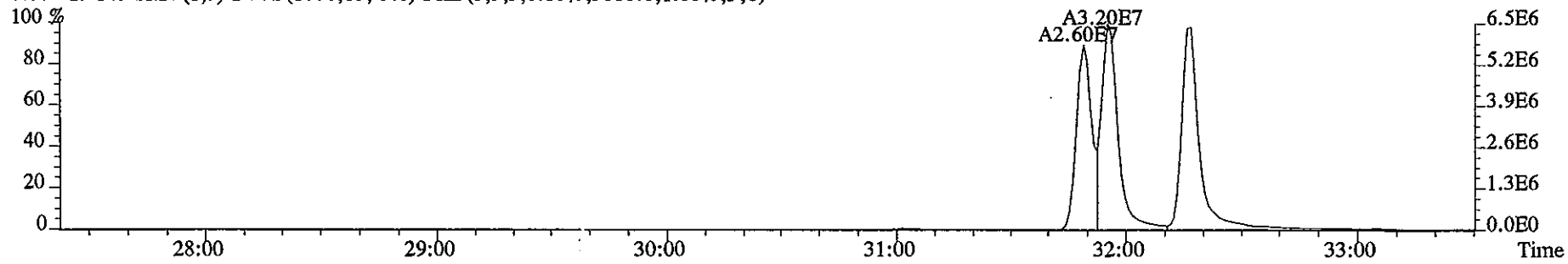
391.8127 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2500.0,1.00%,F,T)



401.8559 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3092.0,1.00%,F,T)

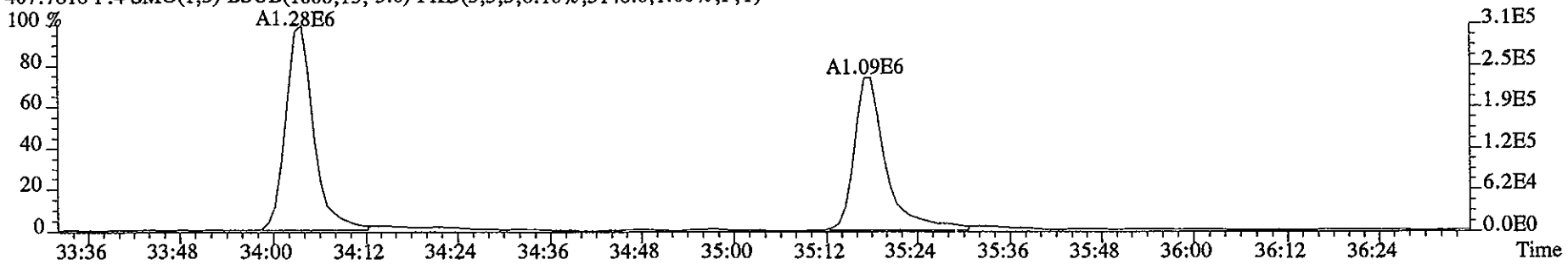


403.8529 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3080.0,1.00%,F,T)

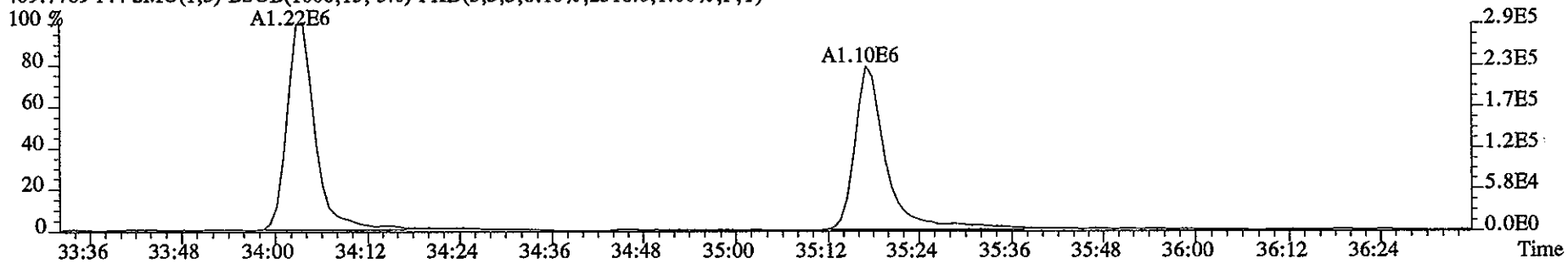


File:29DE058D5 #1-216 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN

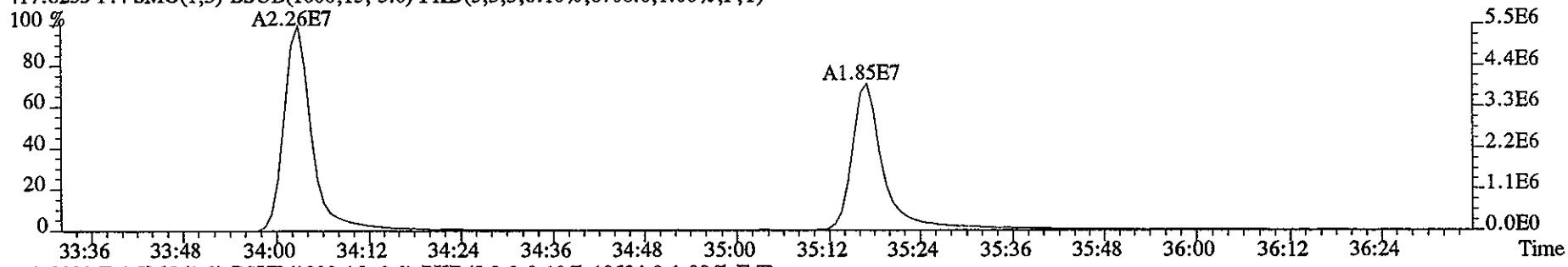
407.7818 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3148.0,1.00%,F,T)



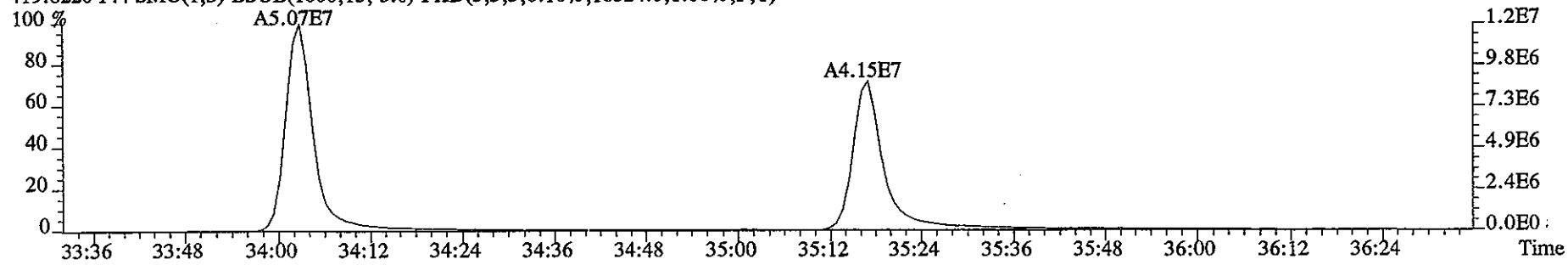
409.7789 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2316.0,1.00%,F,T)



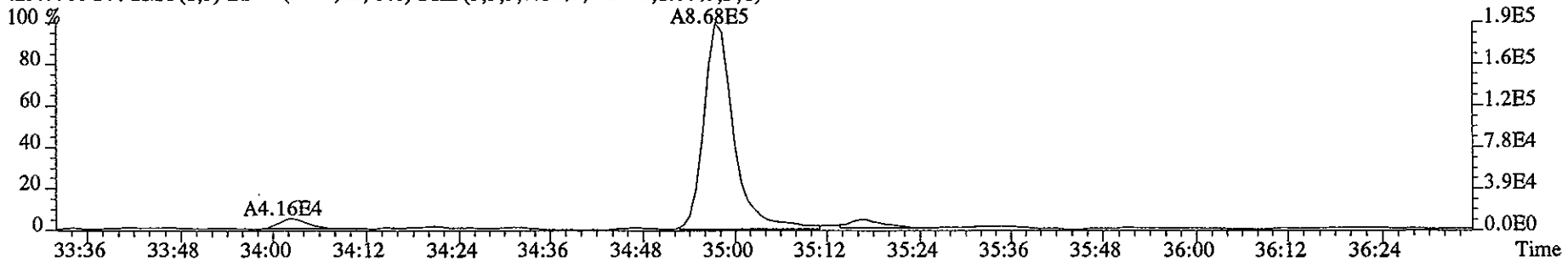
417.8253 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8708.0,1.00%,F,T)

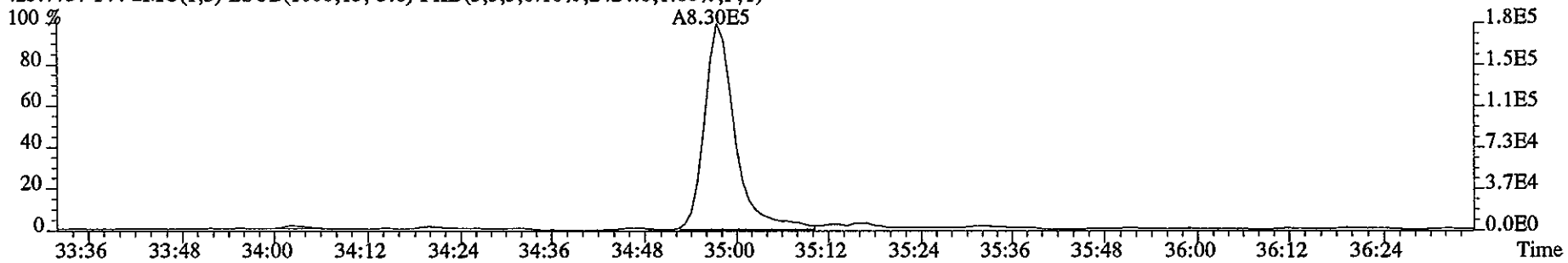


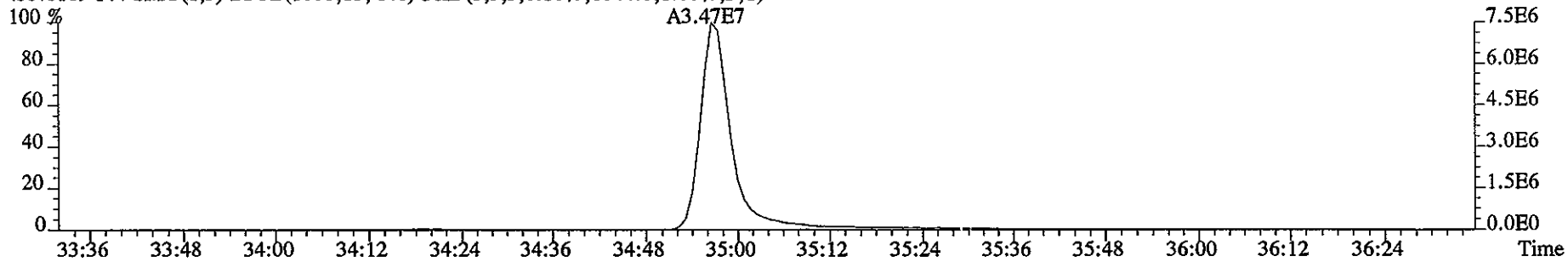
419.8220 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18524.0,1.00%,F,T)

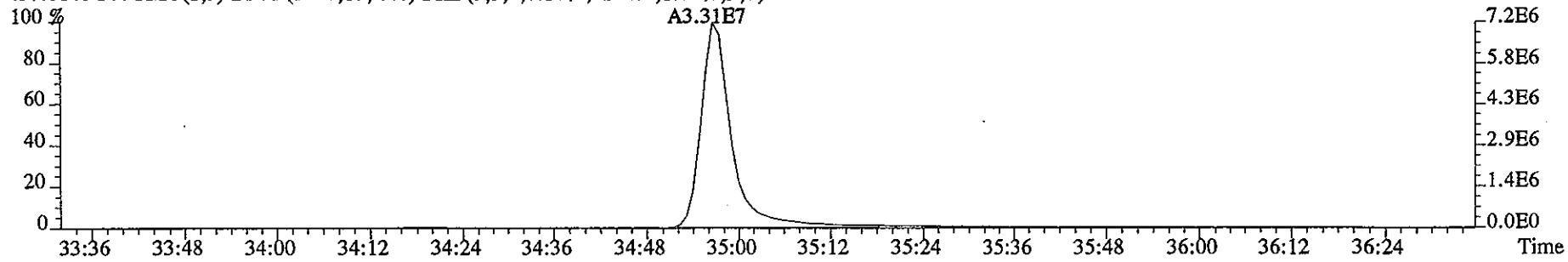


File:29DE058D5 #1-216 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN

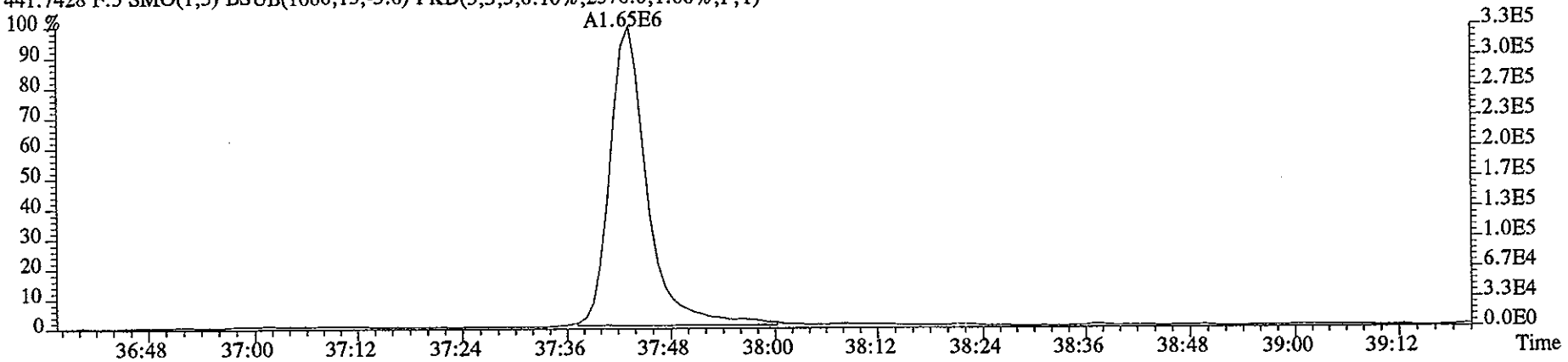




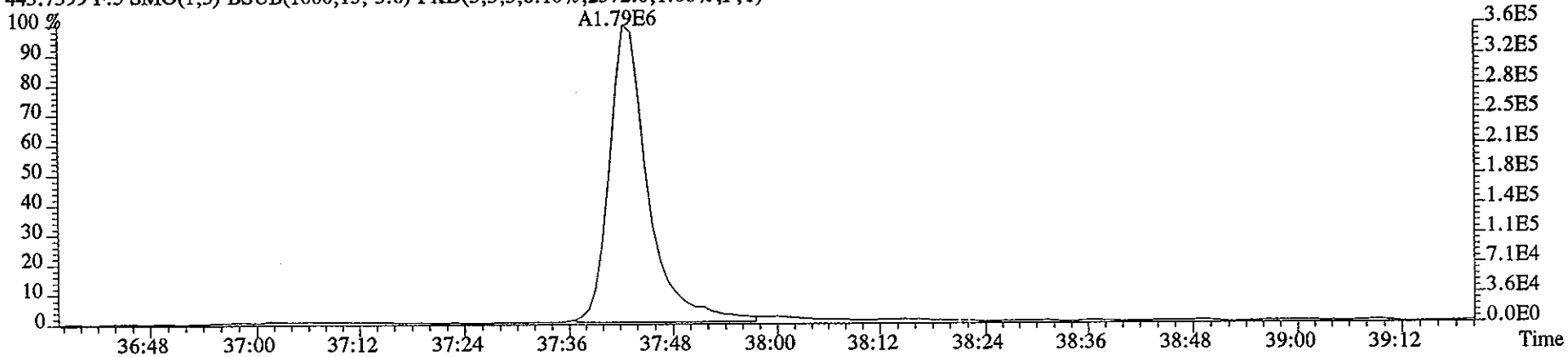




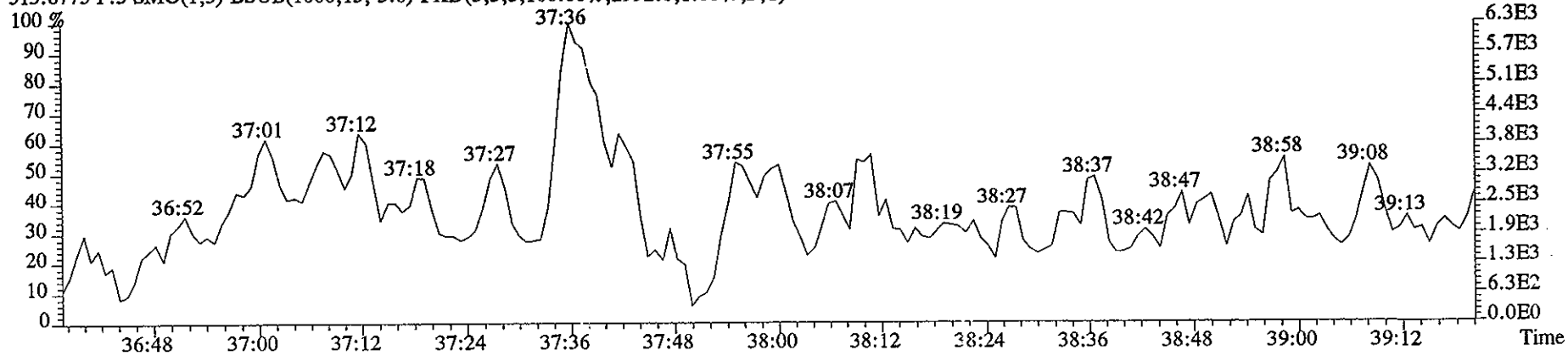
File:29DE058D5 #1-196 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN
441.7428 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2576.0,1.00%,F,T)



443.7399 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2372.0,1.00%,F,T)

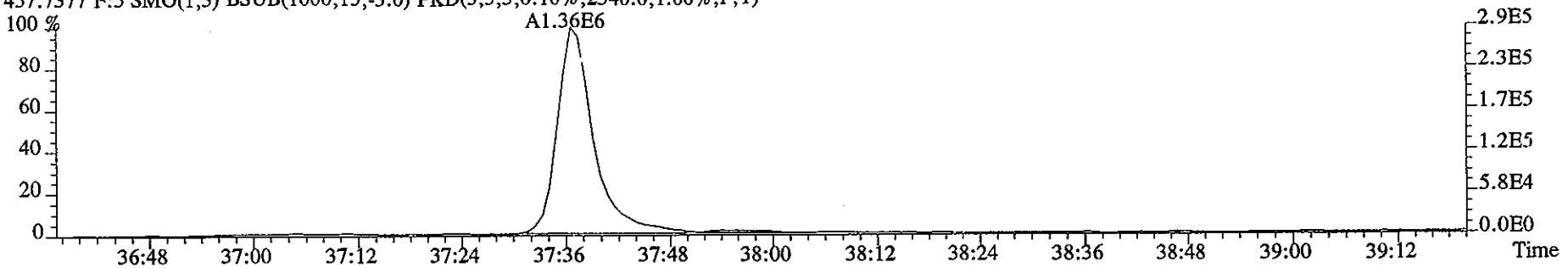


513.6775 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2992.0,1.00%,F,T)

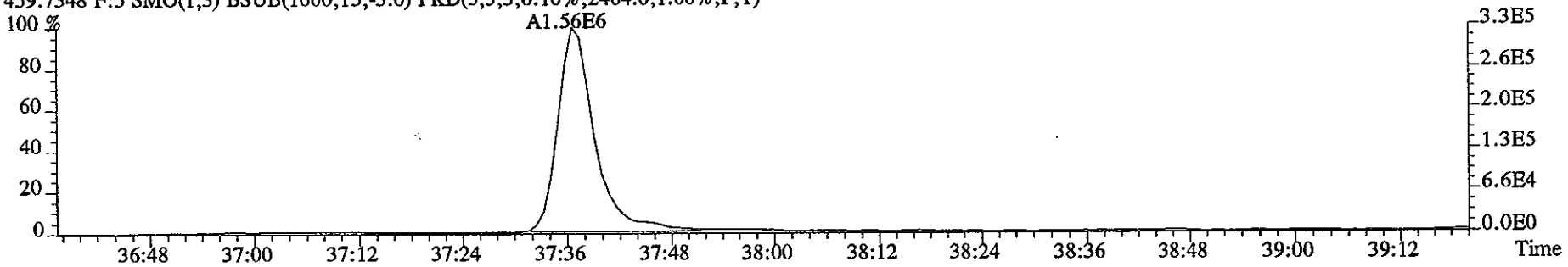


File:29DE058D5 #1-196 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN

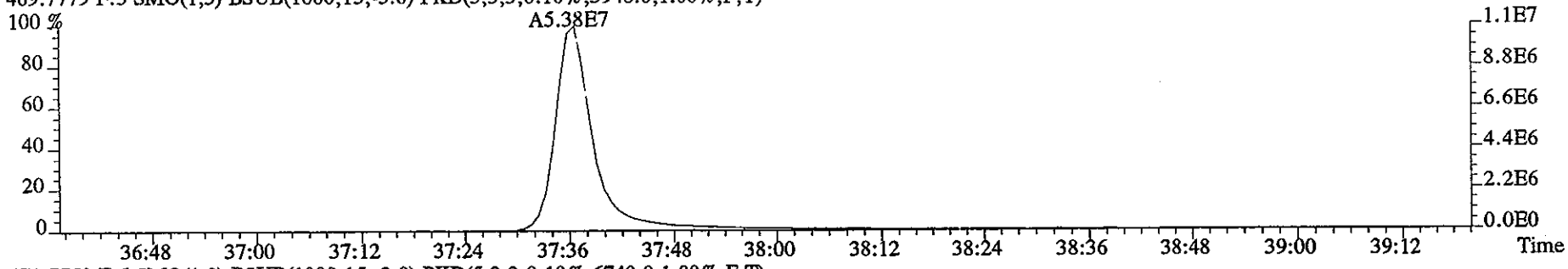
457.7377 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2340.0,1.00%,F,T)



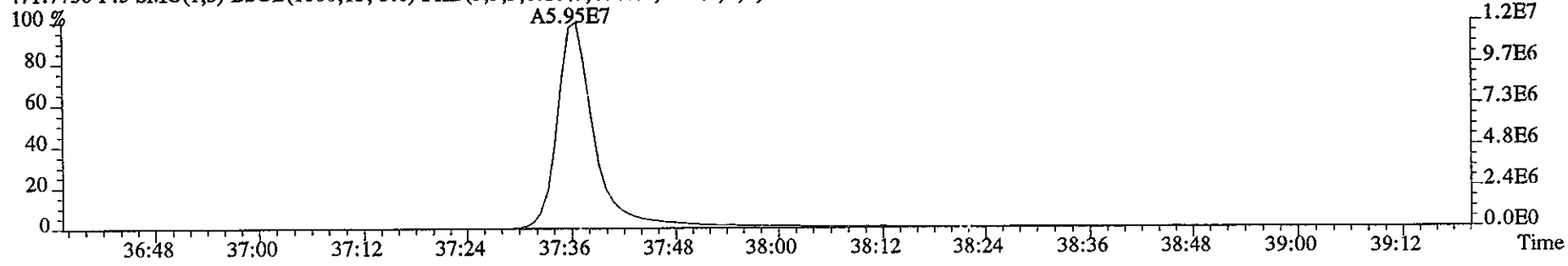
459.7348 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2464.0,1.00%,F,T)



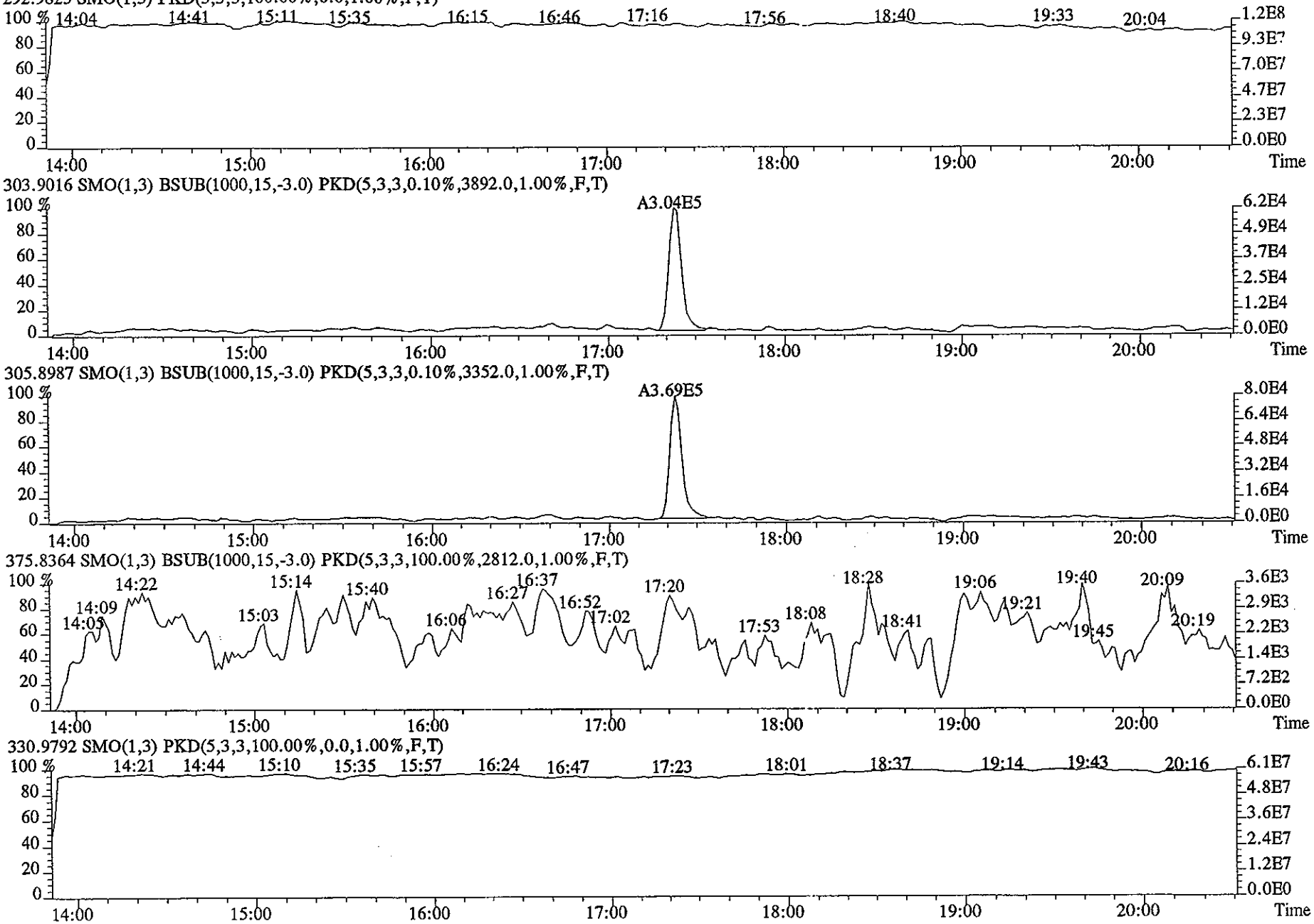
469.7779 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3948.0,1.00%,F,T)



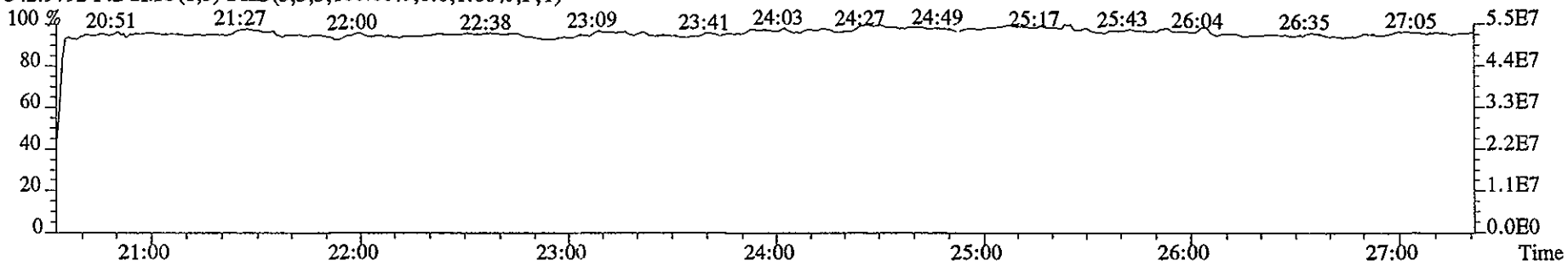
471.7750 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6740.0,1.00%,F,T)



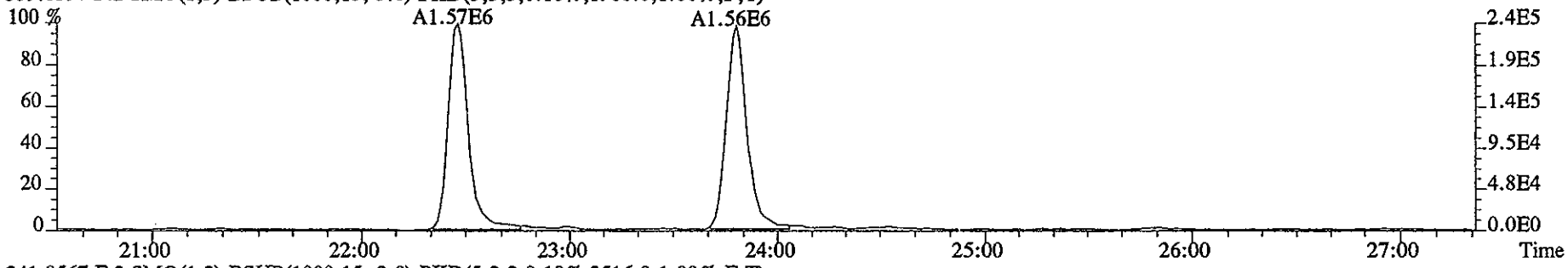
File:29DE058D5 #1-362 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN



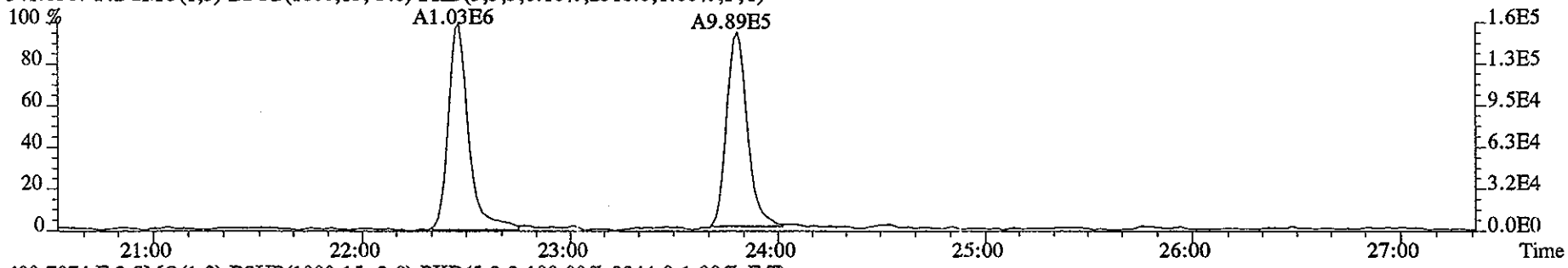
File:29DE058D5 #1-479 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN
342.9792 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



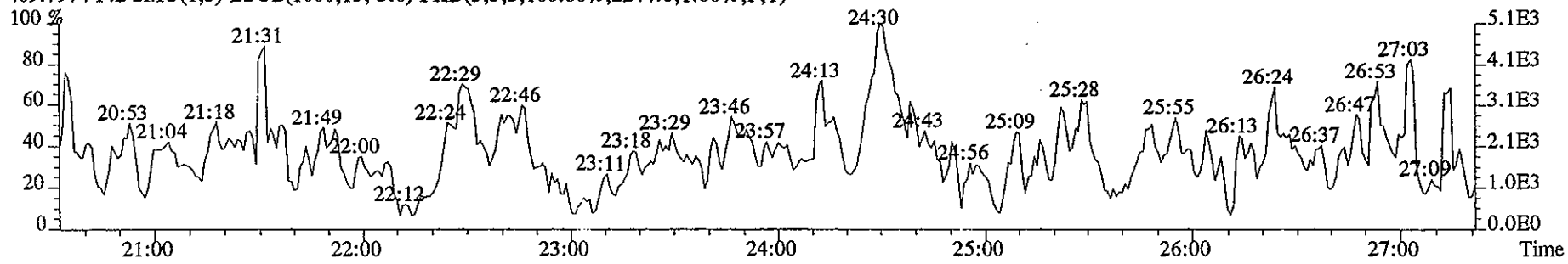
339.8597 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1988.0,1.00%,F,T)



341.8567 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2516.0,1.00%,F,T)

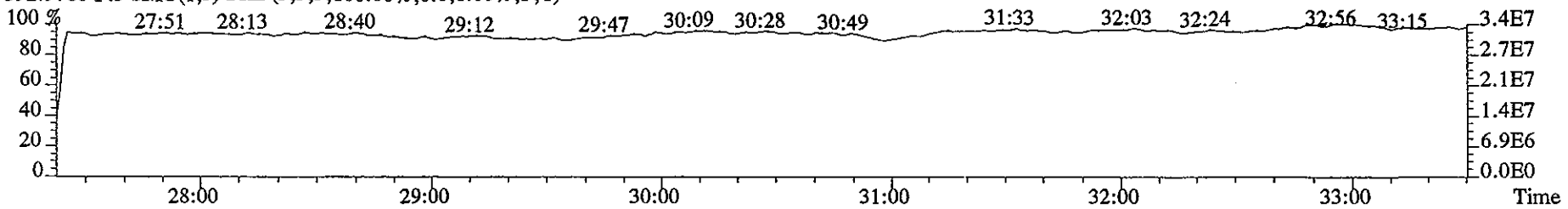


409.7974 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2244.0,1.00%,F,T)

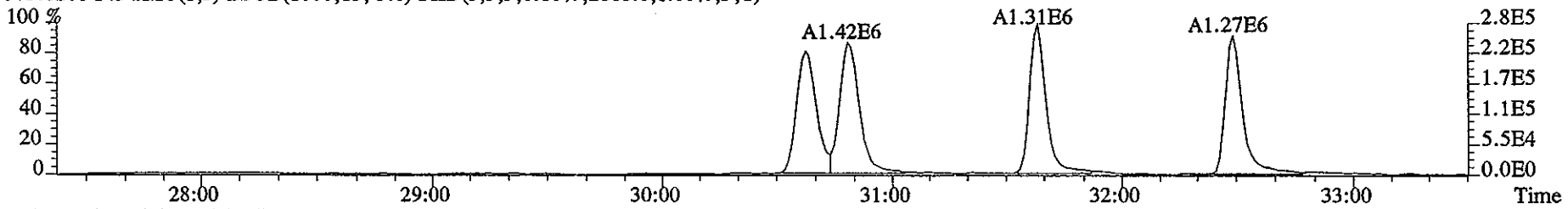


File:29DE058D5 #1-412 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN

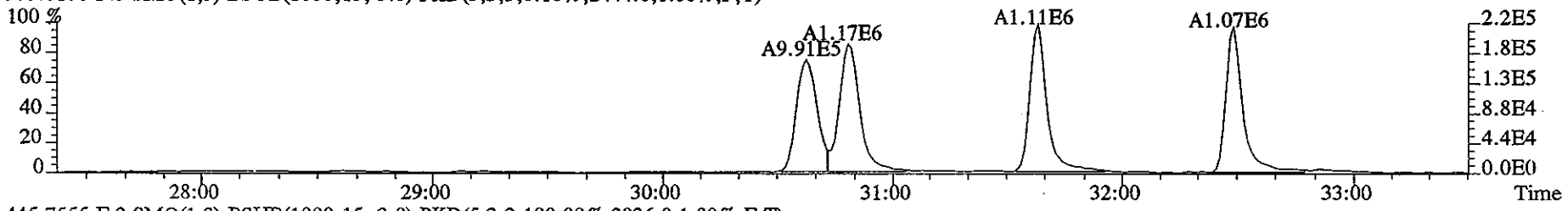
392.9760 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



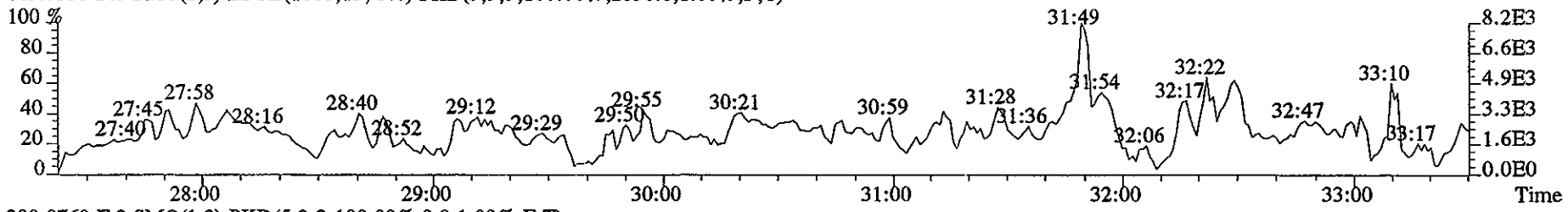
373.8208 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2868.0,1.00%,F,T)



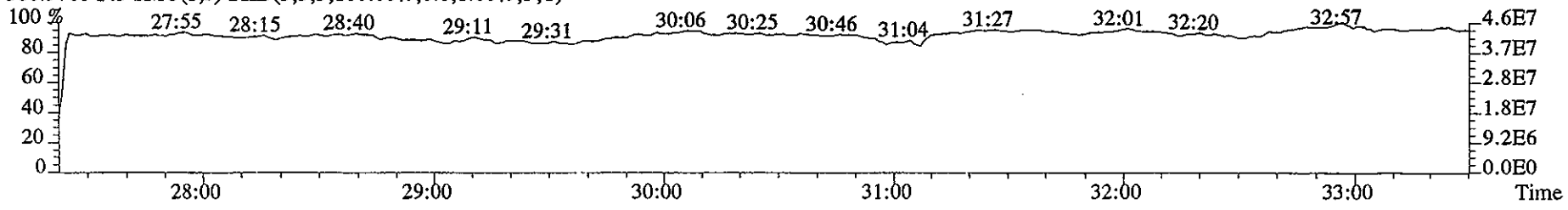
375.8178 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2444.0,1.00%,F,T)



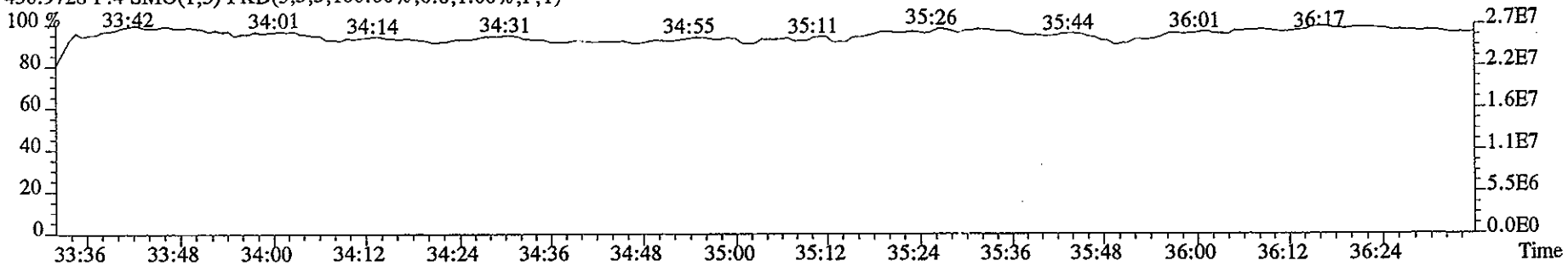
445.7555 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2836.0,1.00%,F,T)

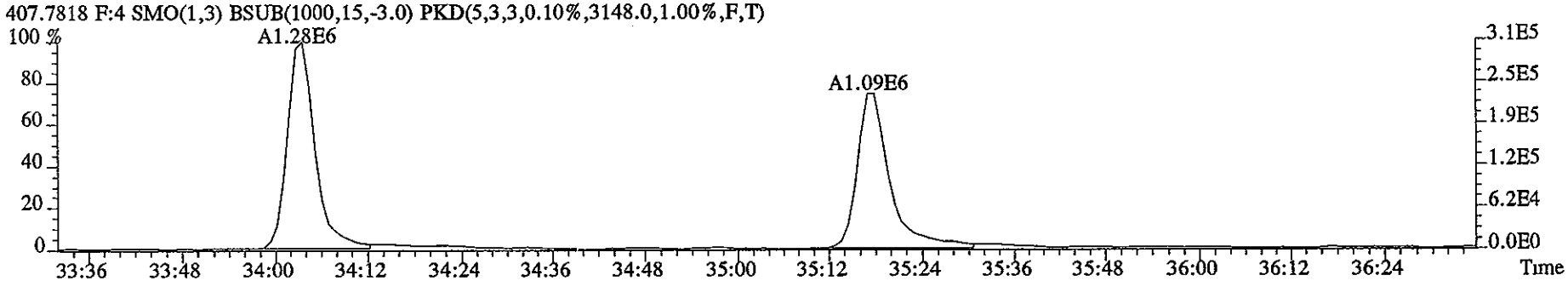


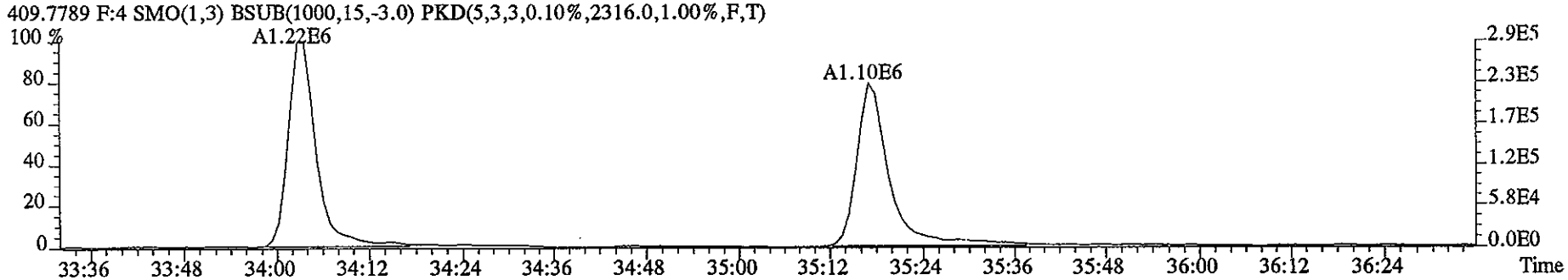
380.9760 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

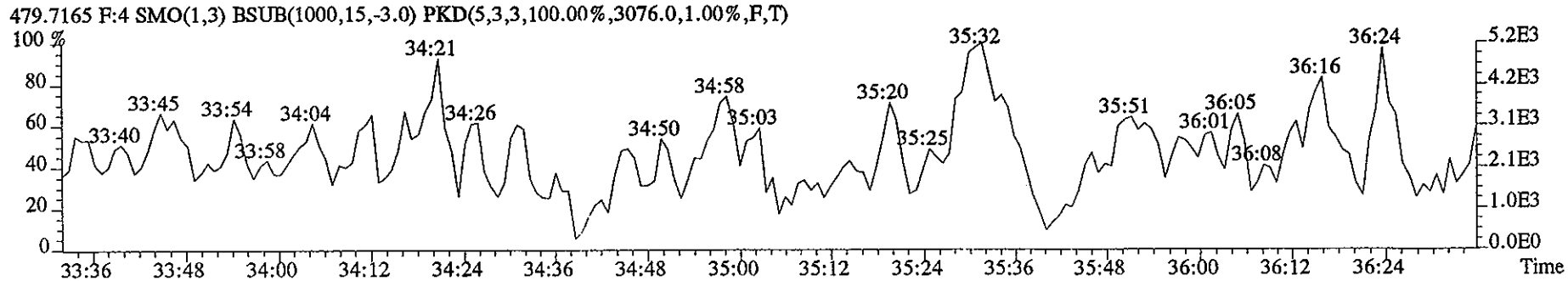


File:29DE058D5 #1-216 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN

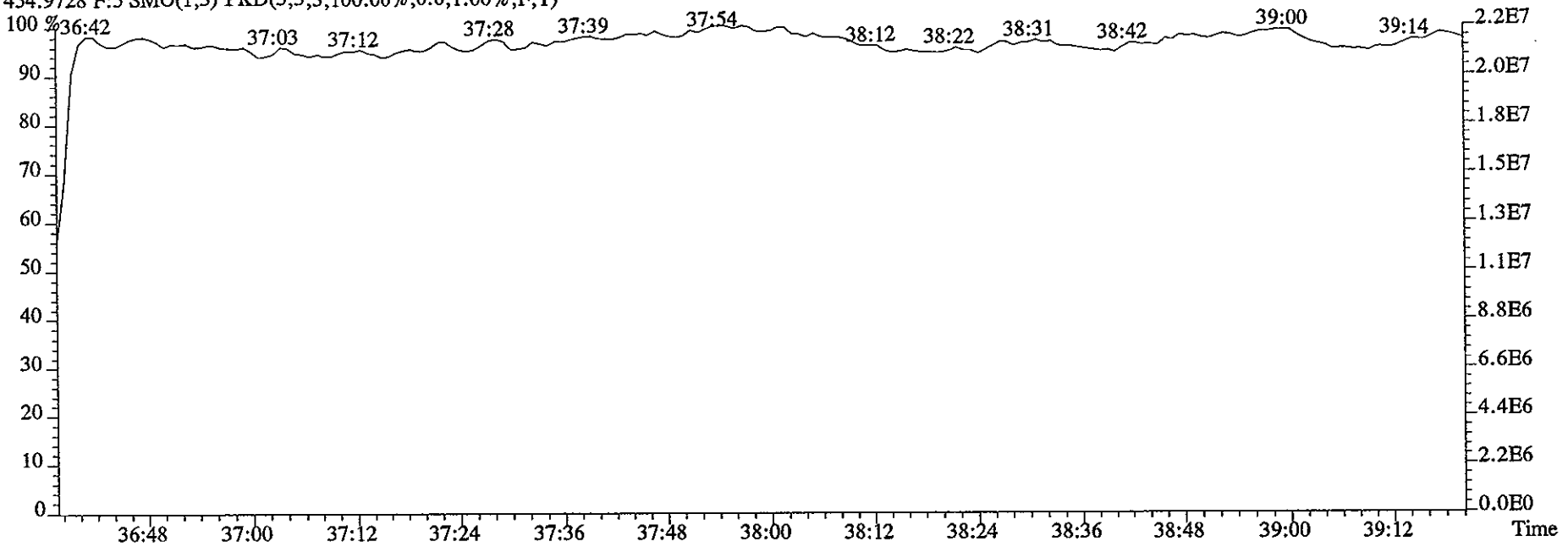




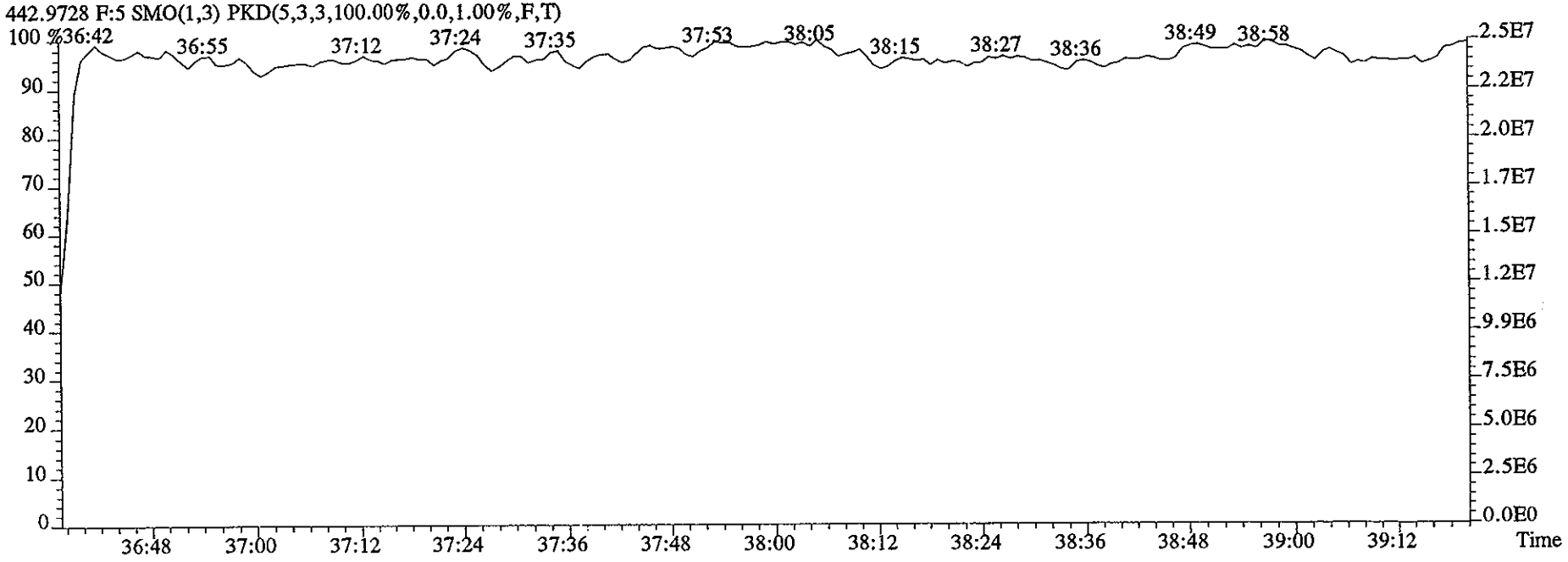




File:29DE058D5 #1-196 Acq:29-DEC-2005 17:01:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 Text:ST1229 :CS1 2565-41A Exp:DIOXIN
454.9728 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

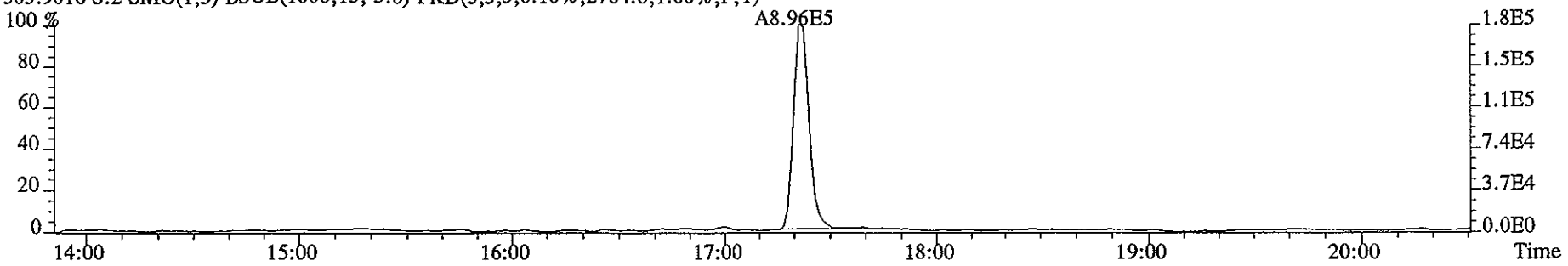


442.9728 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

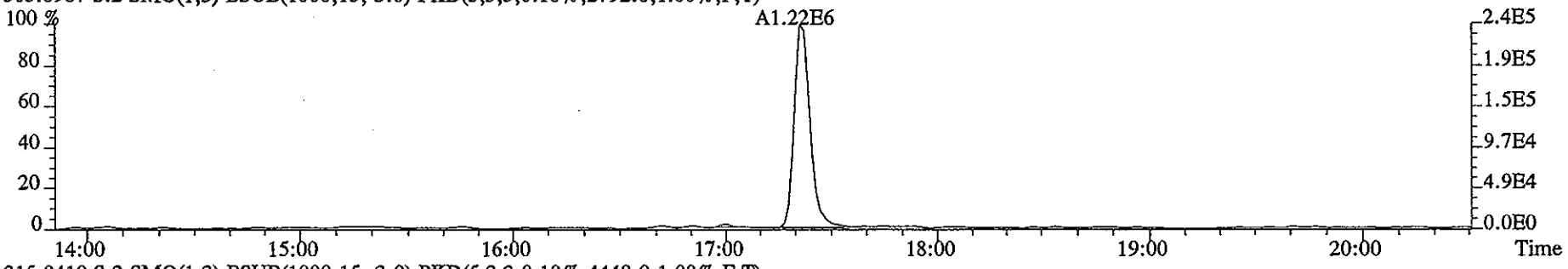


File:29DE058D5 #1-362 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN

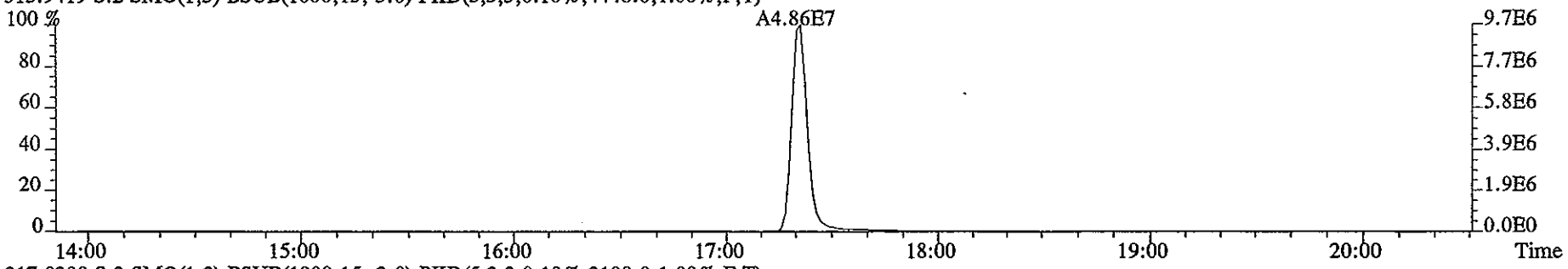
303.9016 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2764.0,1.00%,F,T)



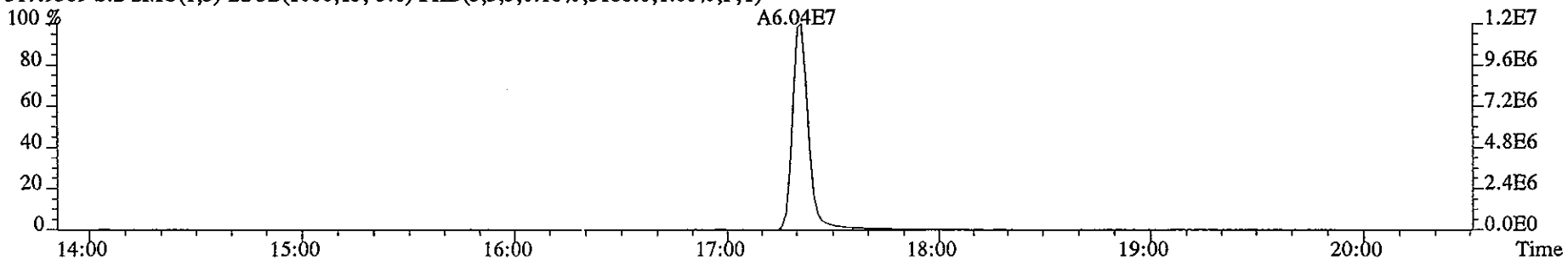
305.8987 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2792.0,1.00%,F,T)



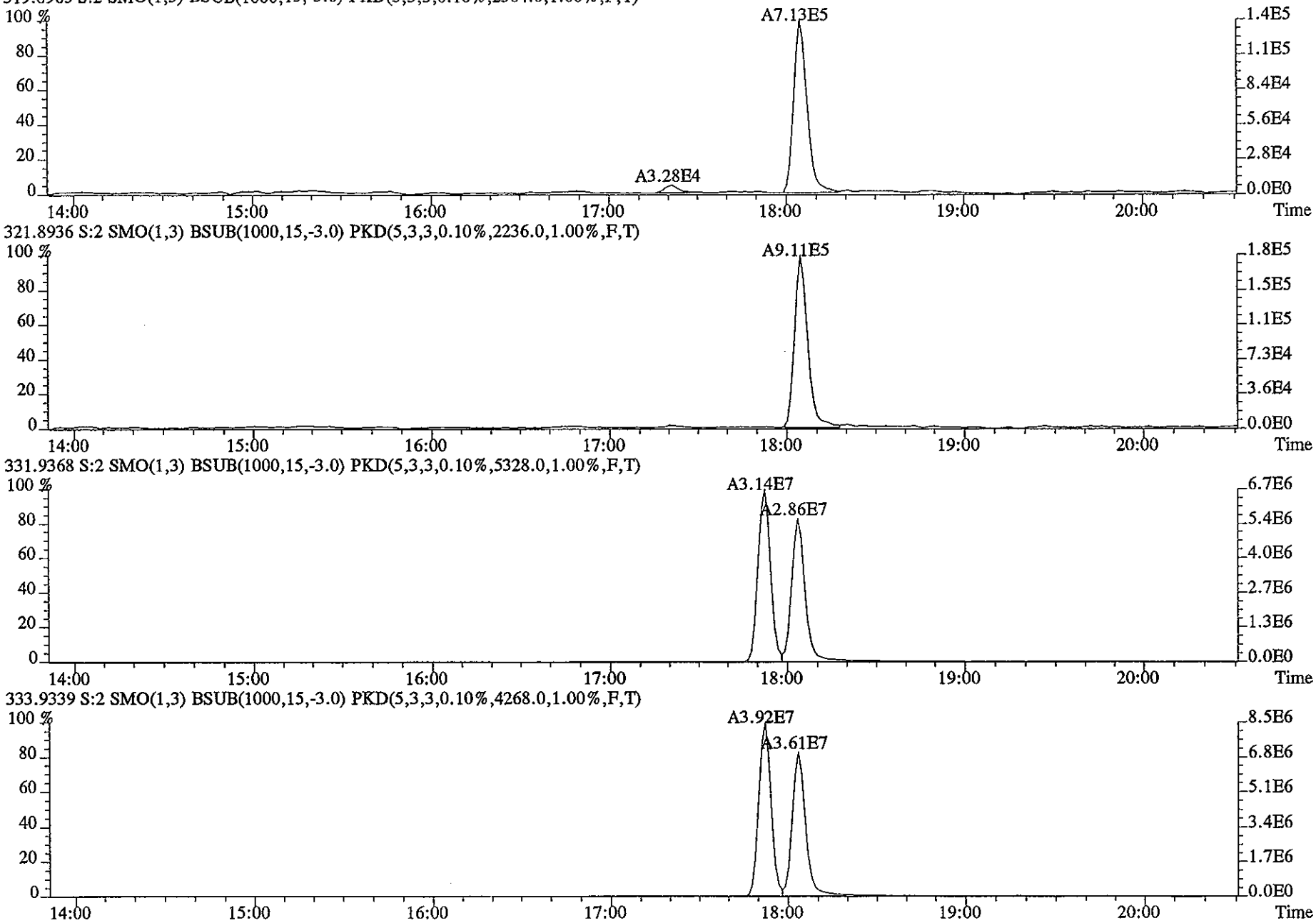
315.9419 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4448.0,1.00%,F,T)



317.9389 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3188.0,1.00%,F,T)

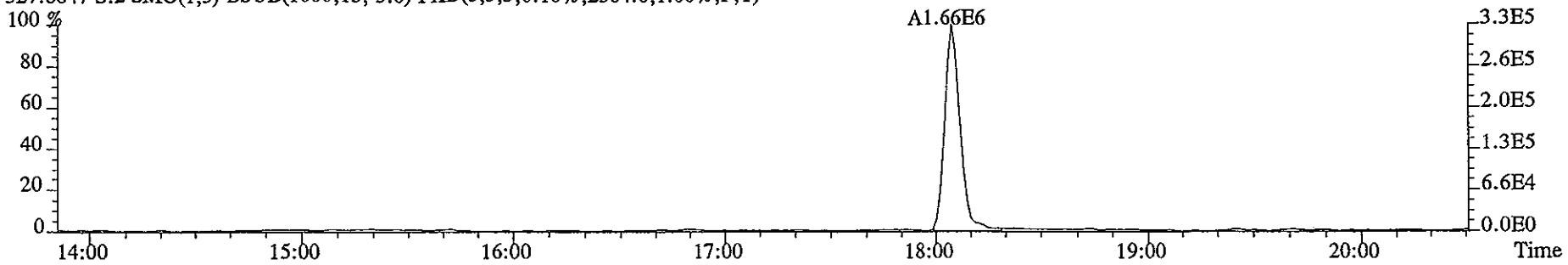


File:29DE058D5 #1-362 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN

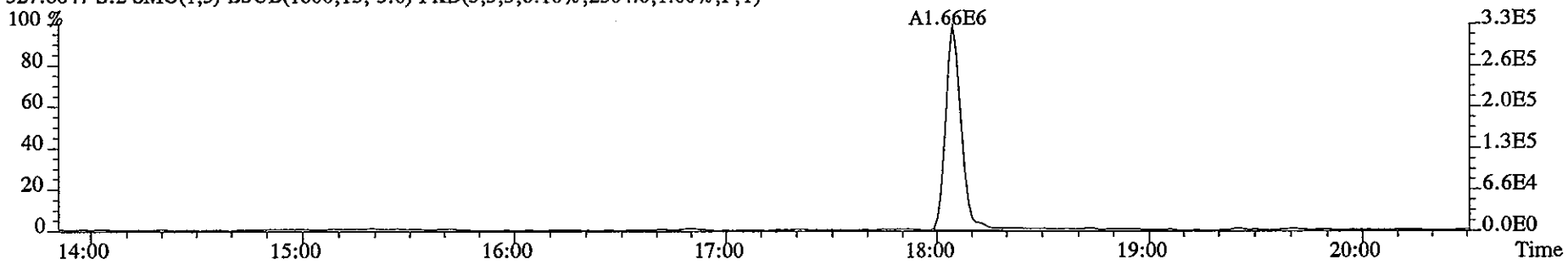


File:29DE058D5 #1-362 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN

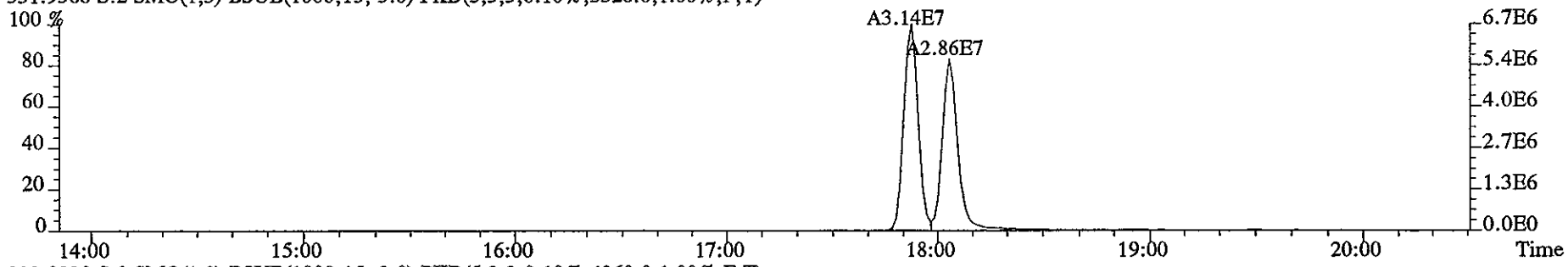
327.8847 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2504.0,1.00%,F,T)



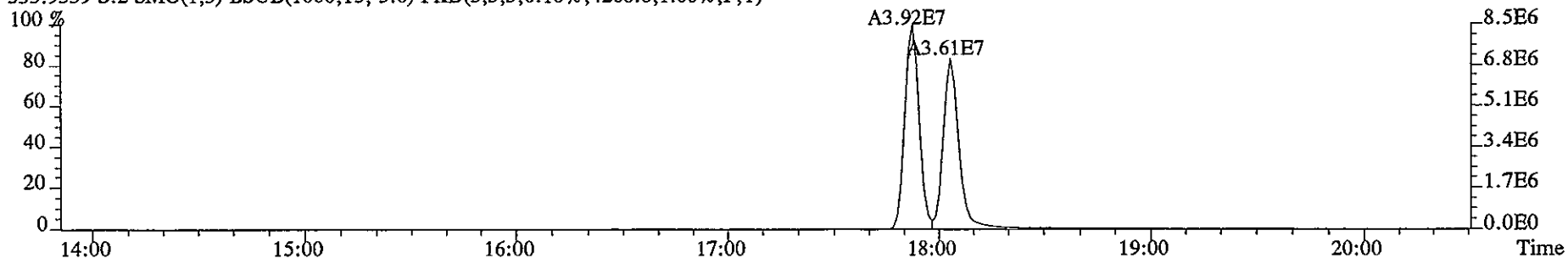
327.8847 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2504.0,1.00%,F,T)



331.9368 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5328.0,1.00%,F,T)

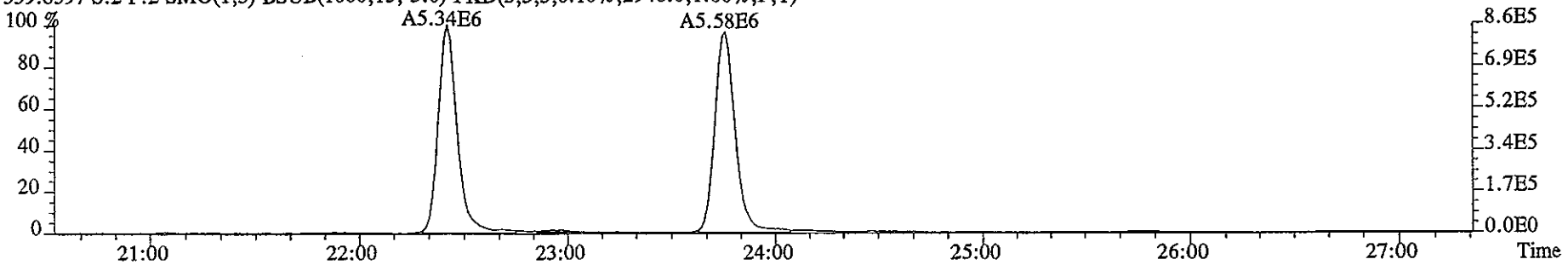


333.9339 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4268.0,1.00%,F,T)

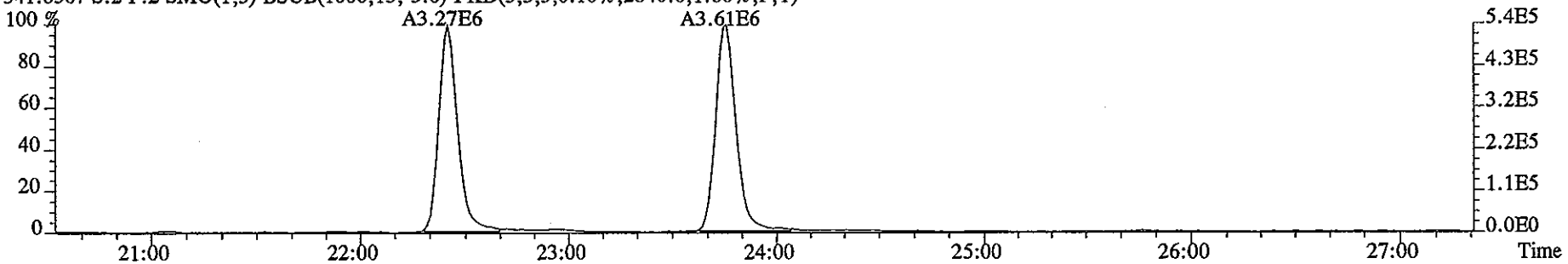


File:29DE058D5 #1-479 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN

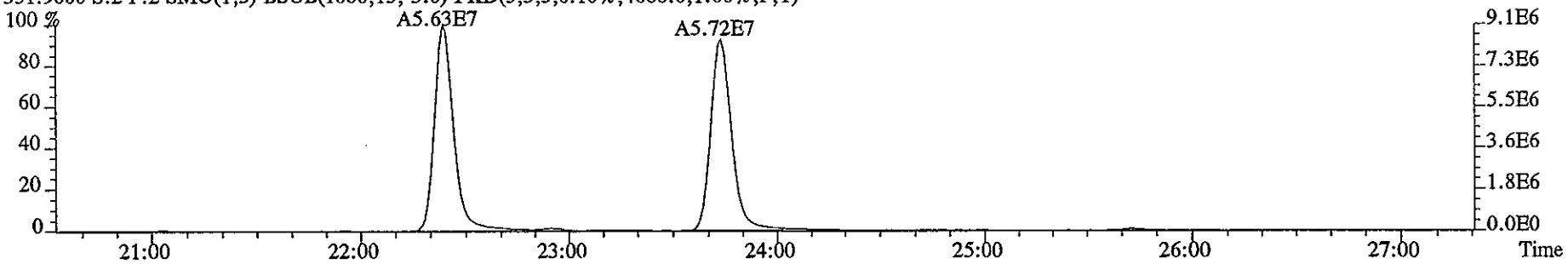
339.8597 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2948.0,1.00%,F,T)



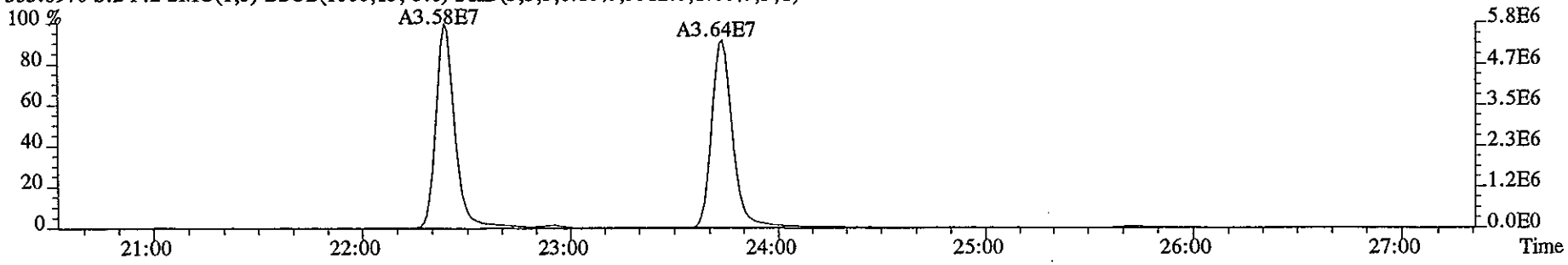
341.8567 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2840.0,1.00%,F,T)



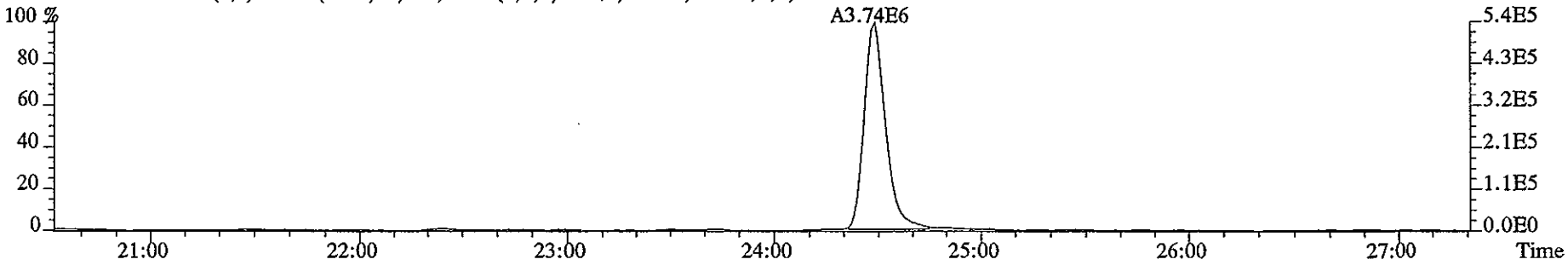
351.9000 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4688.0,1.00%,F,T)



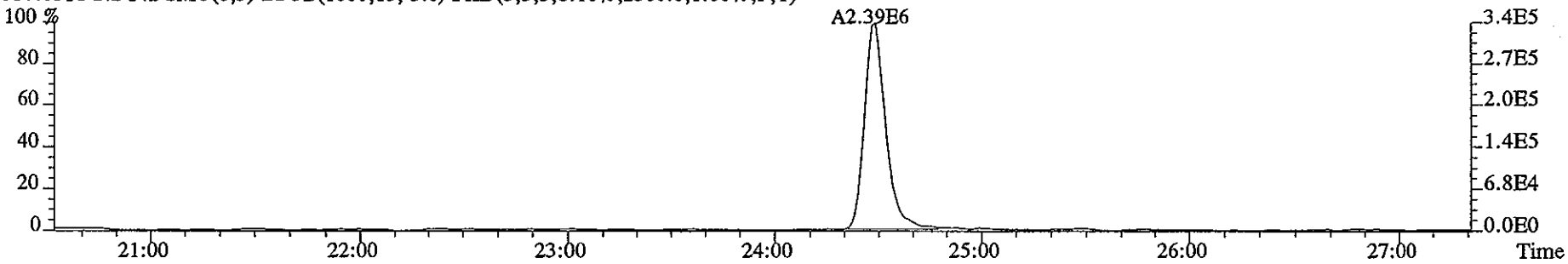
353.8970 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3512.0,1.00%,F,T)



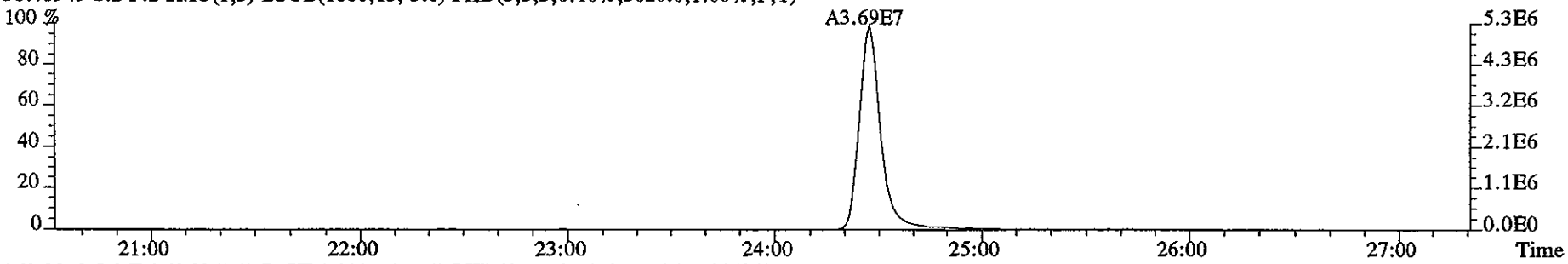
File:29DE058D5 #1-479 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN
355.8546 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2776.0,1.00%,F,T)



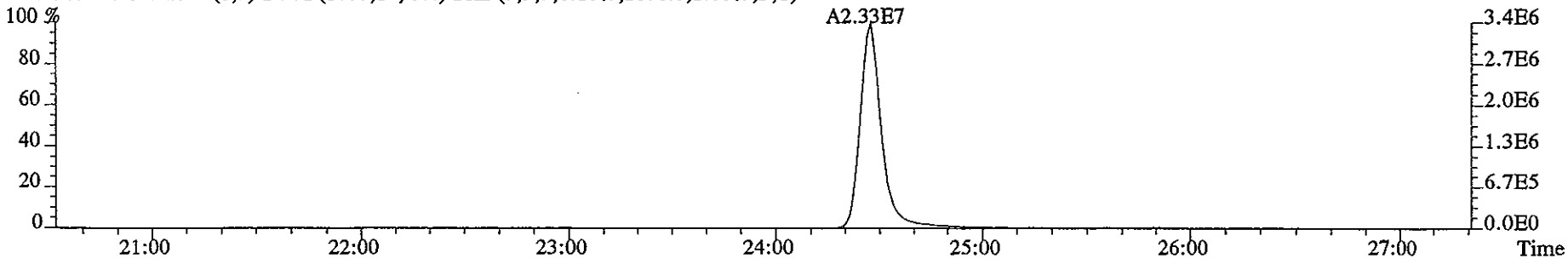
357.8516 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2300.0,1.00%,F,T)



367.8949 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3020.0,1.00%,F,T)

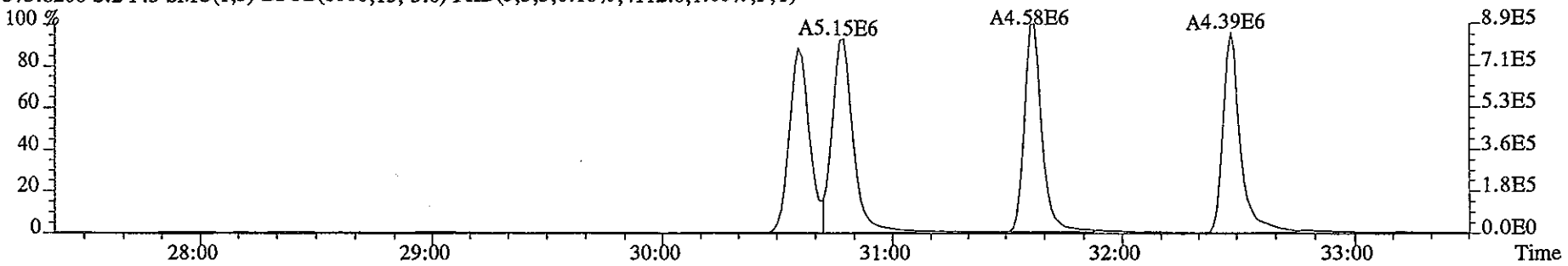


369.8919 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2876.0,1.00%,F,T)

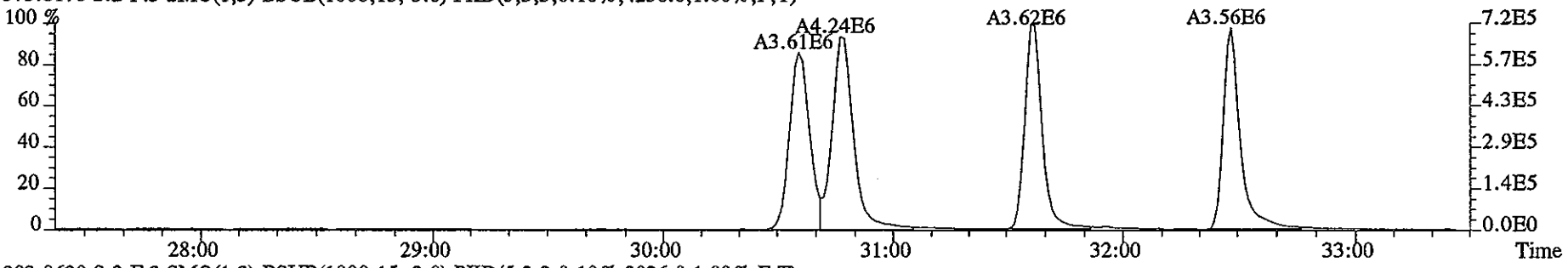


File:29DE058D5 #1-412 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN

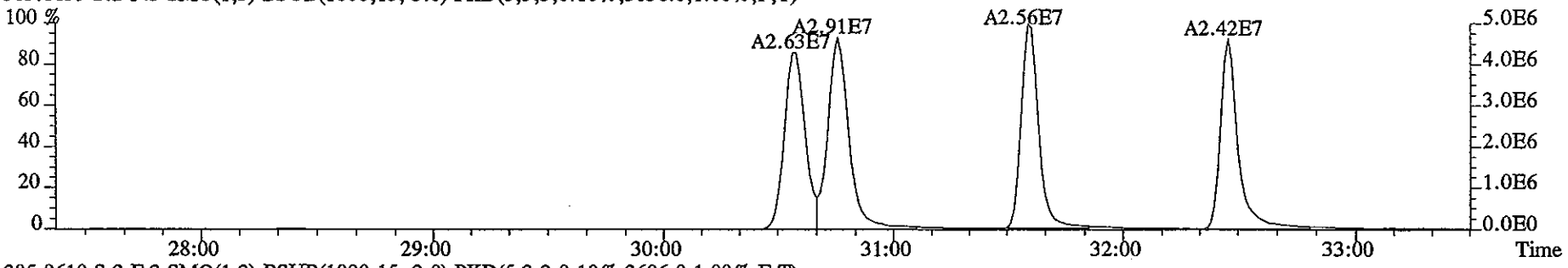
373.8208 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4112.0,1.00%,F,T)



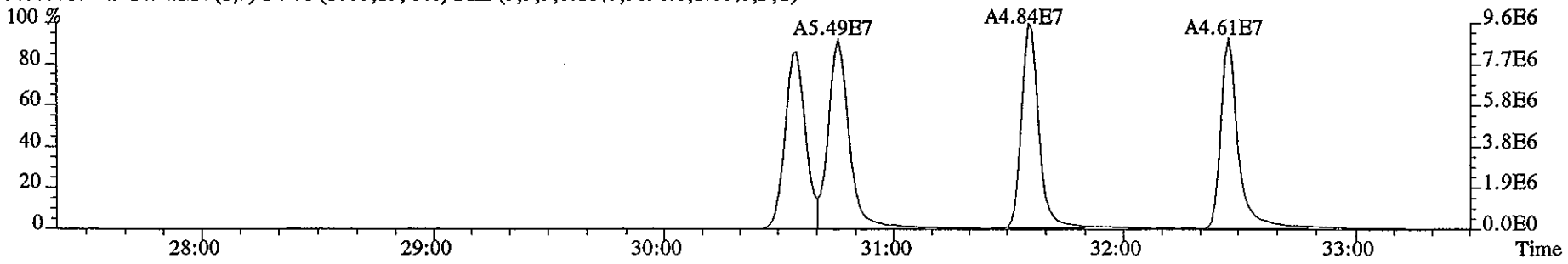
375.8178 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4256.0,1.00%,F,T)



383.8639 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3036.0,1.00%,F,T)

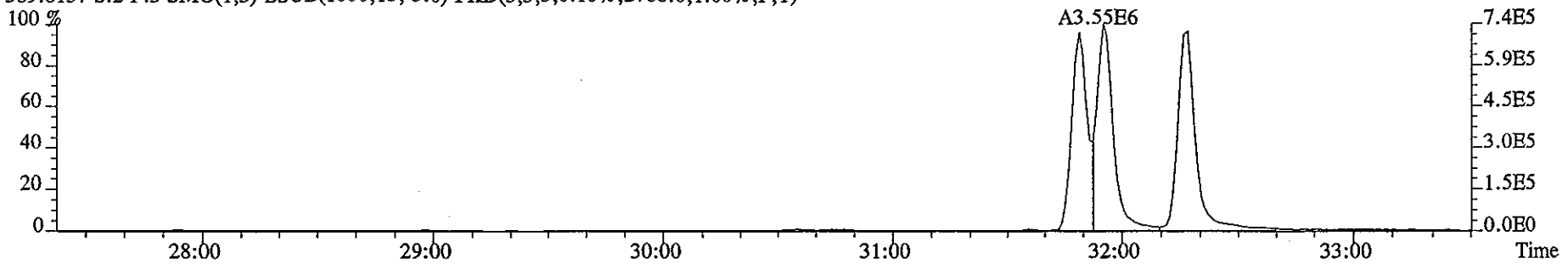


385.8610 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3696.0,1.00%,F,T)

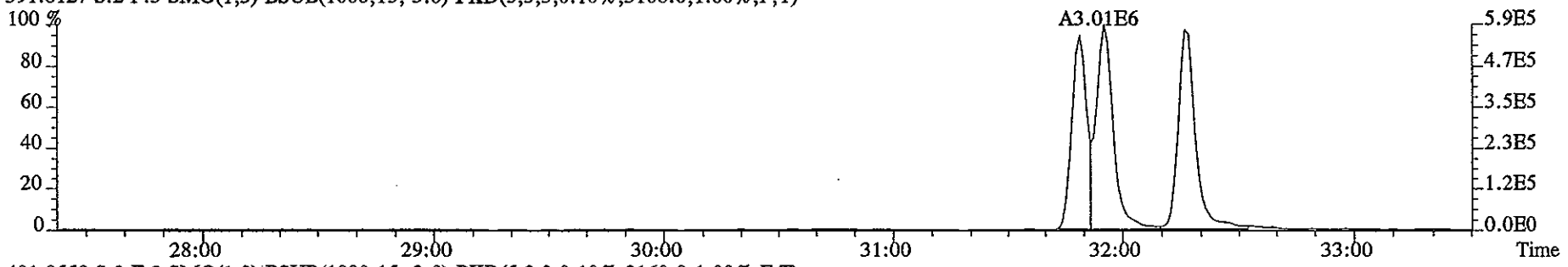


File:29DE058D5 #1-412 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN

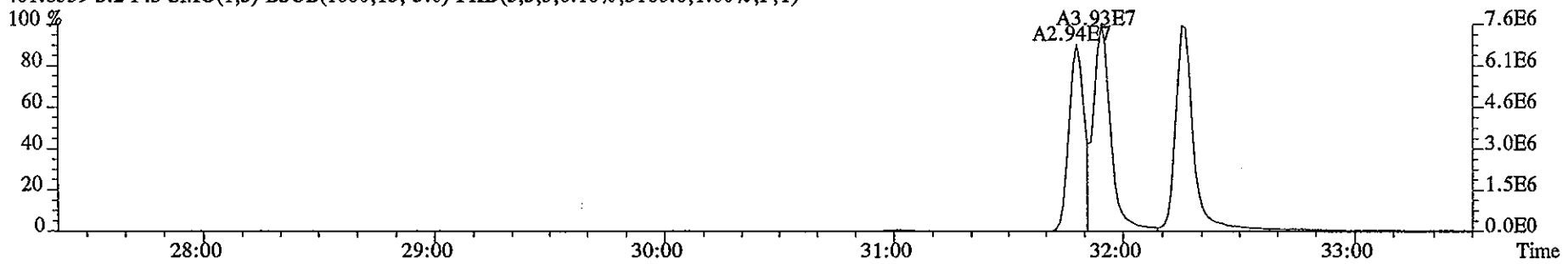
389.8157 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2788.0,1.00%,F,T)



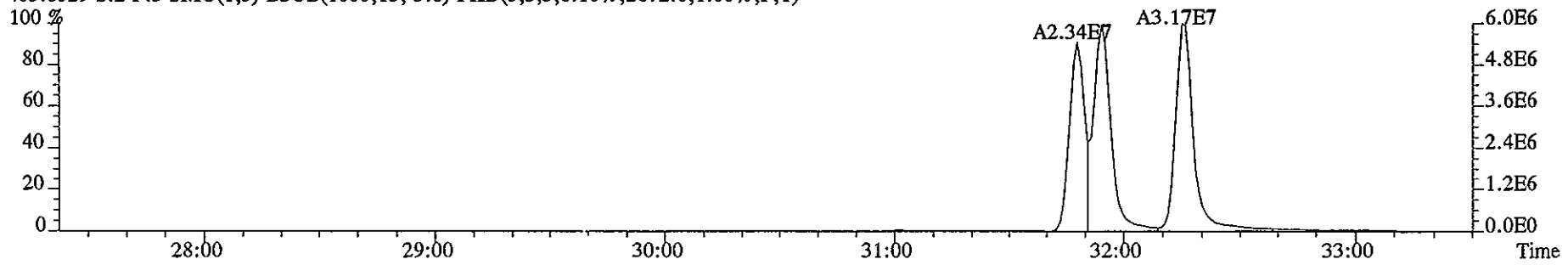
391.8127 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3108.0,1.00%,F,T)



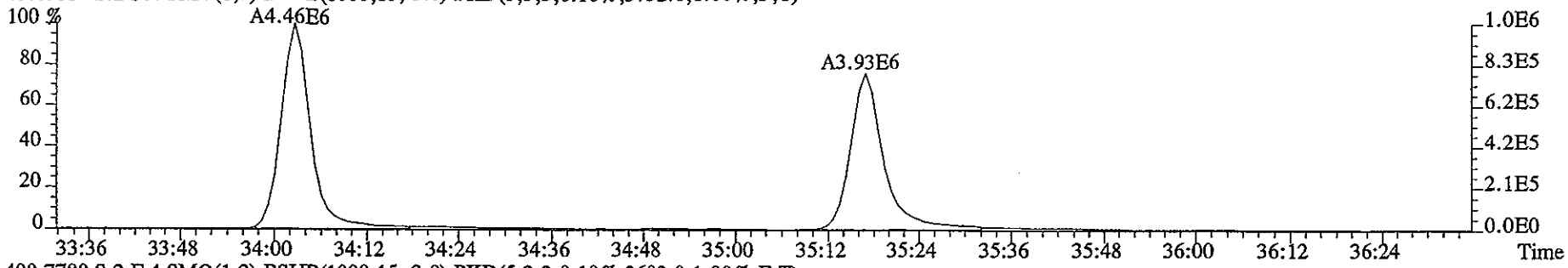
401.8559 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3160.0,1.00%,F,T)

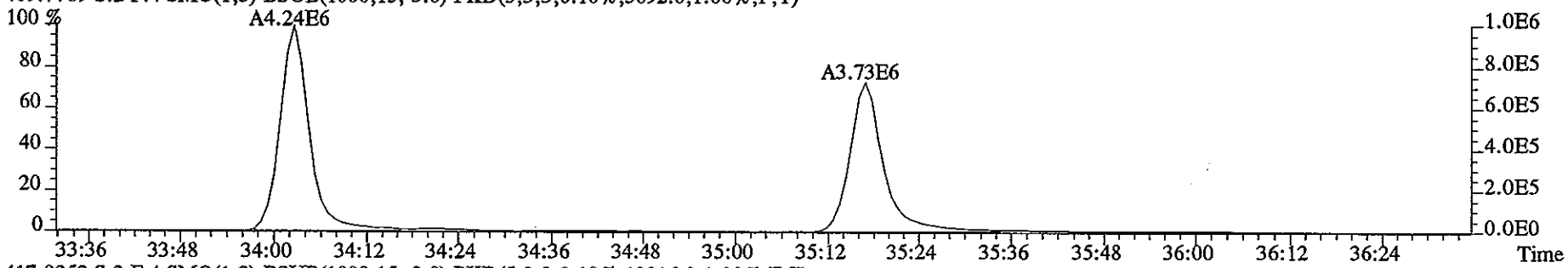


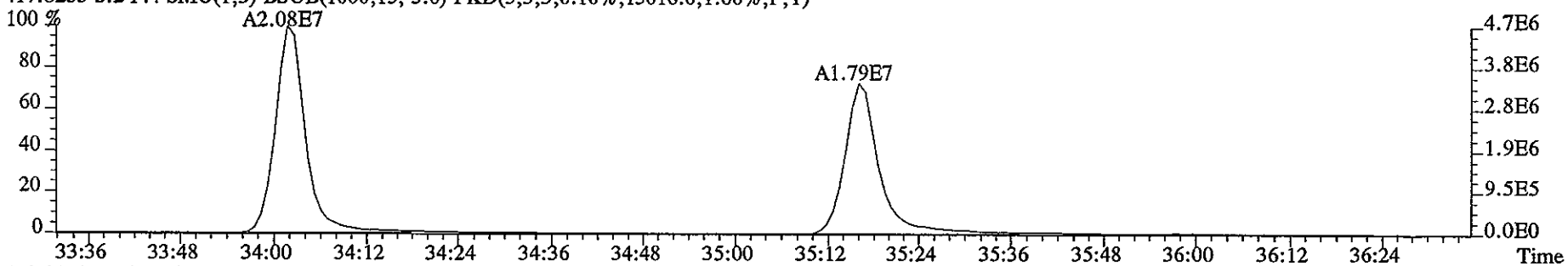
403.8529 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2672.0,1.00%,F,T)

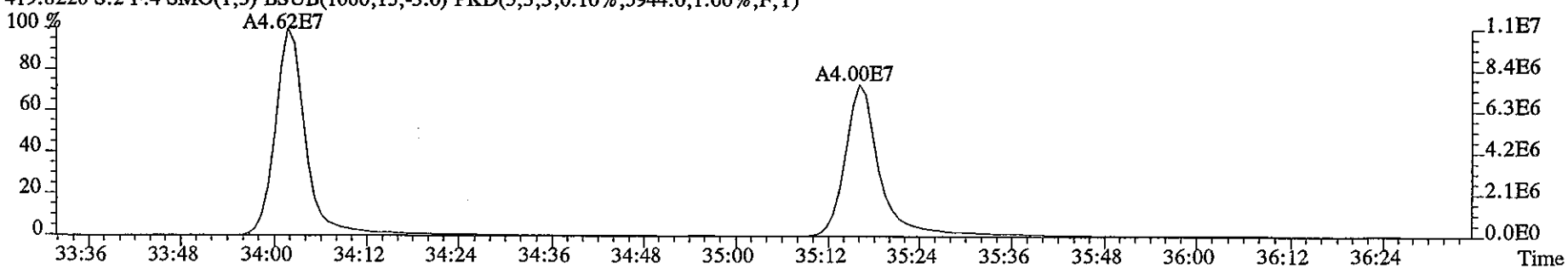


File:29DE058D5 #1-216 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN



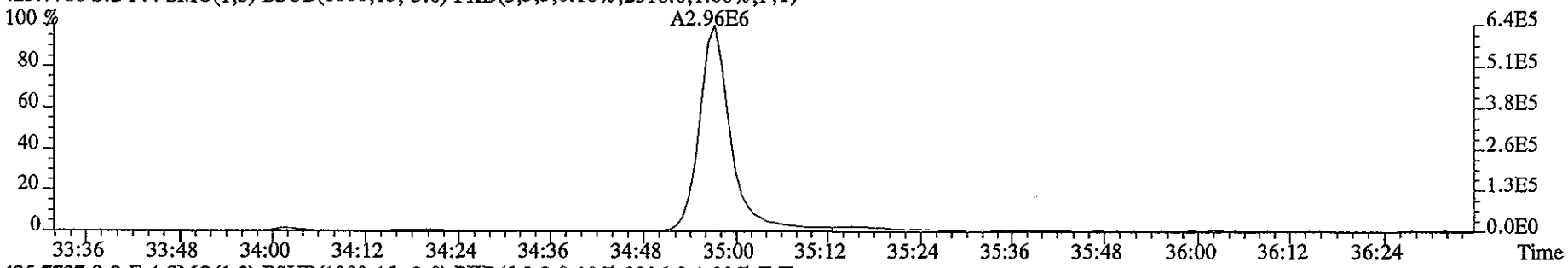




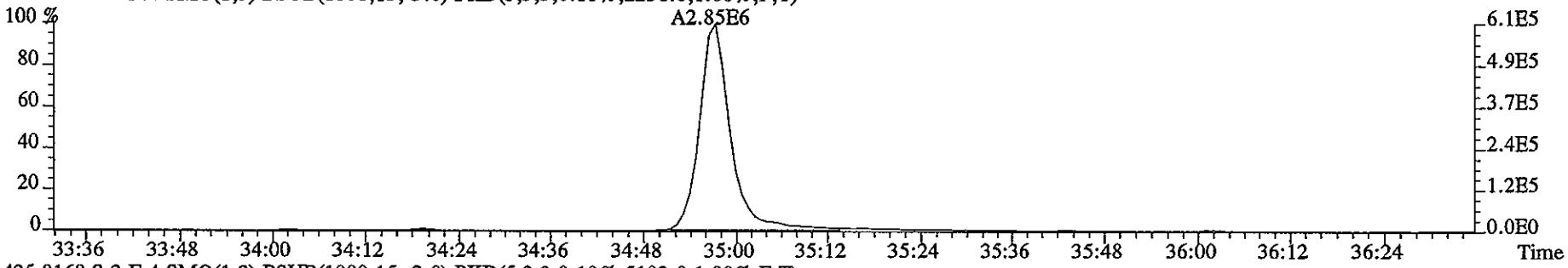


File:29DE058D5 #1-216 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN

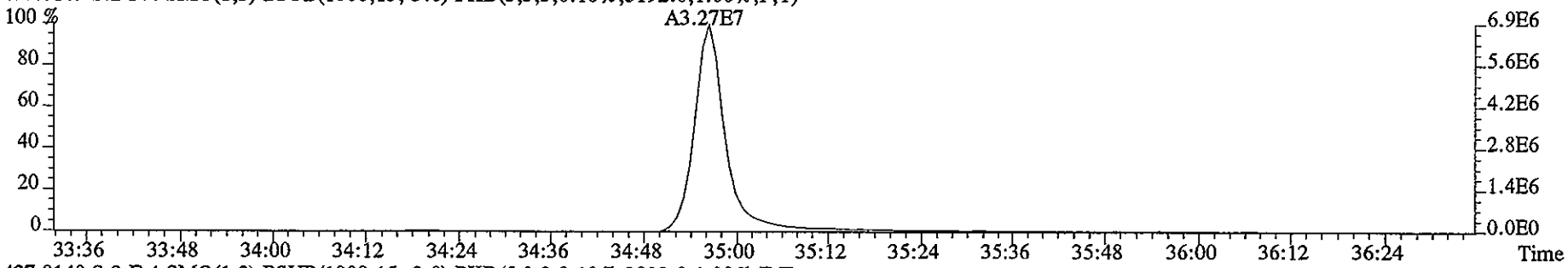
423.7766 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2516.0,1.00%,F,T)



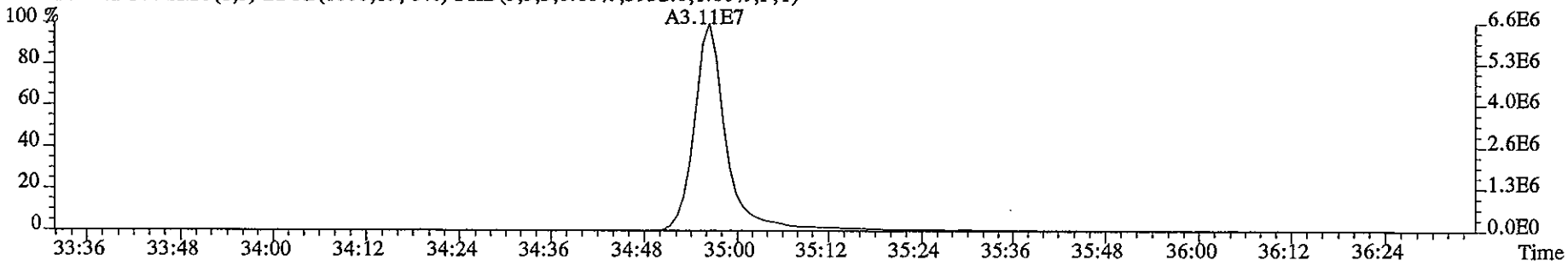
425.7737 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2236.0,1.00%,F,T)



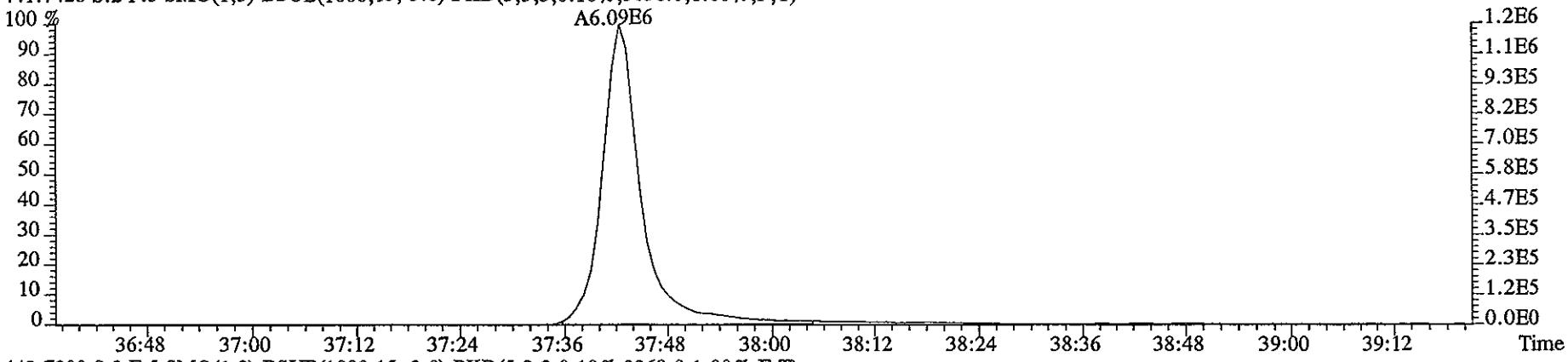
435.8169 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5192.0,1.00%,F,T)



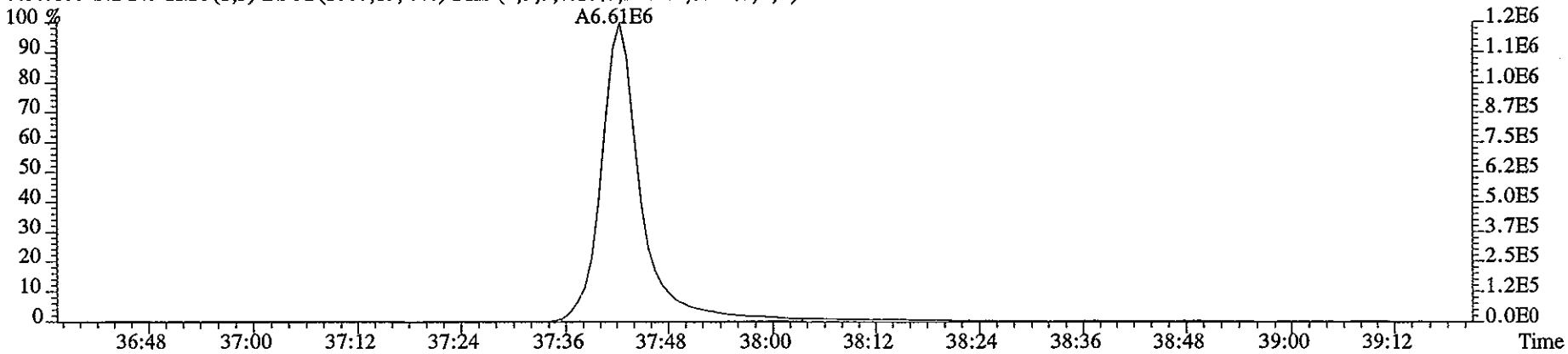
437.8140 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3932.0,1.00%,F,T)



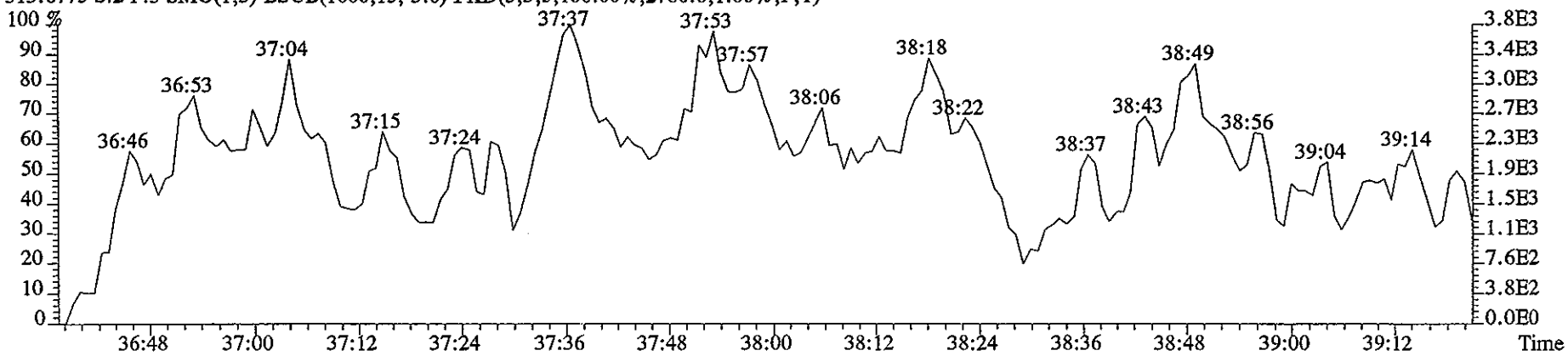
File:29DE058D5 #1-197 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN
441.7428 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3036.0,1.00%,F,T)



443.7399 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2368.0,1.00%,F,T)

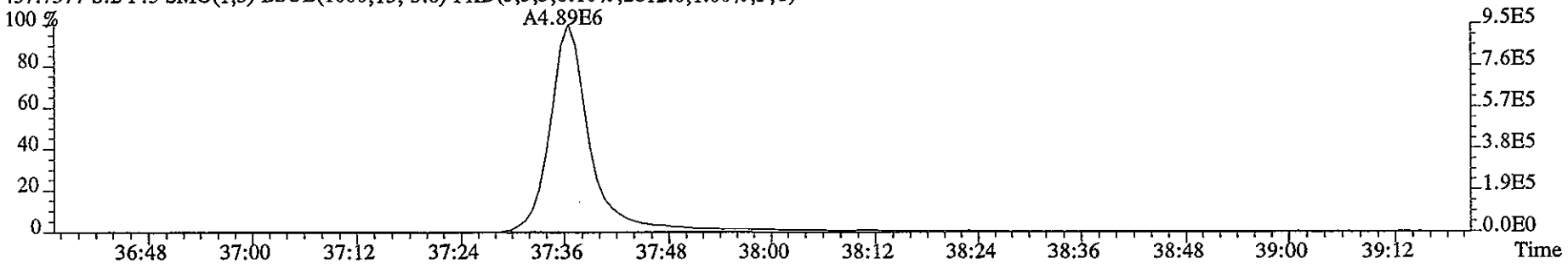


513.6775 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2780.0,1.00%,F,T)

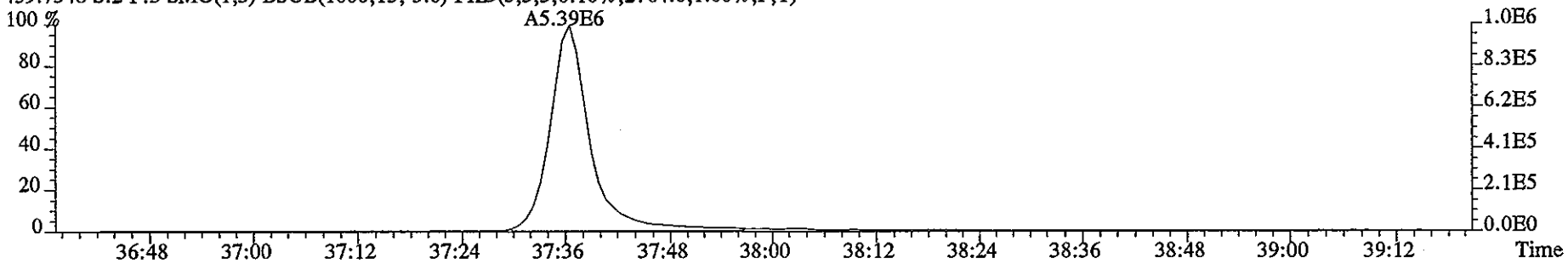


File:29DE058D5 #1-197 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN

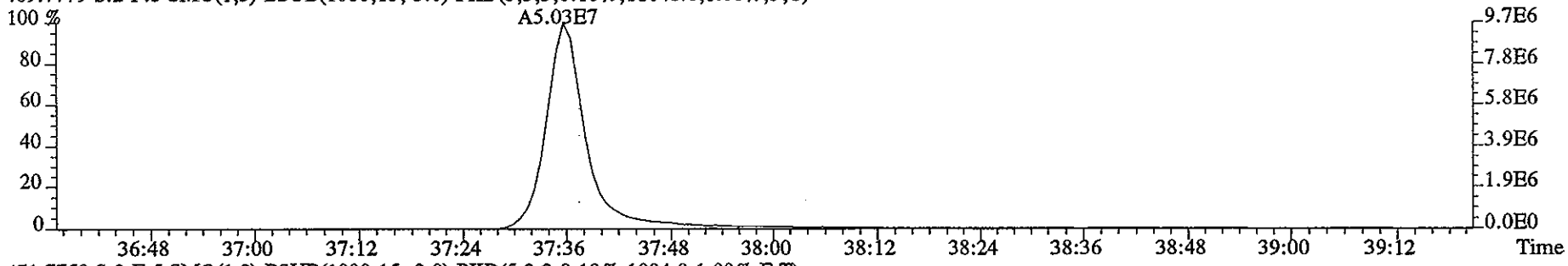
457.7377 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2812.0,1.00%,F,T)



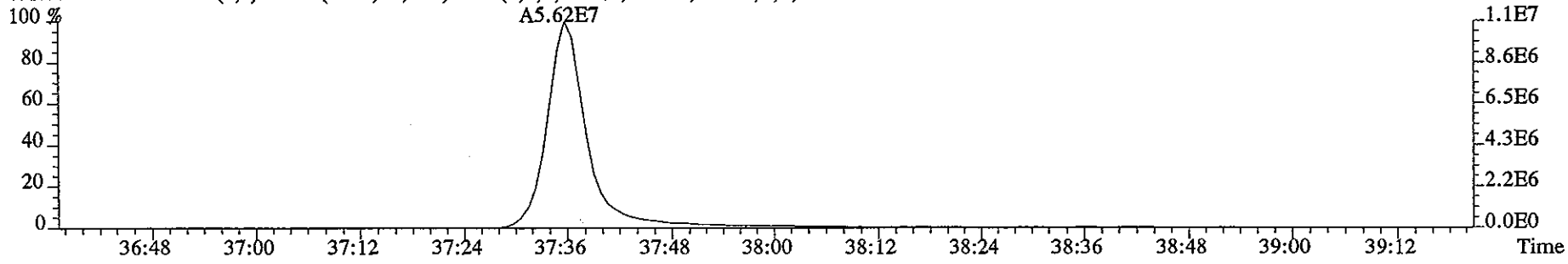
459.7348 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2764.0,1.00%,F,T)



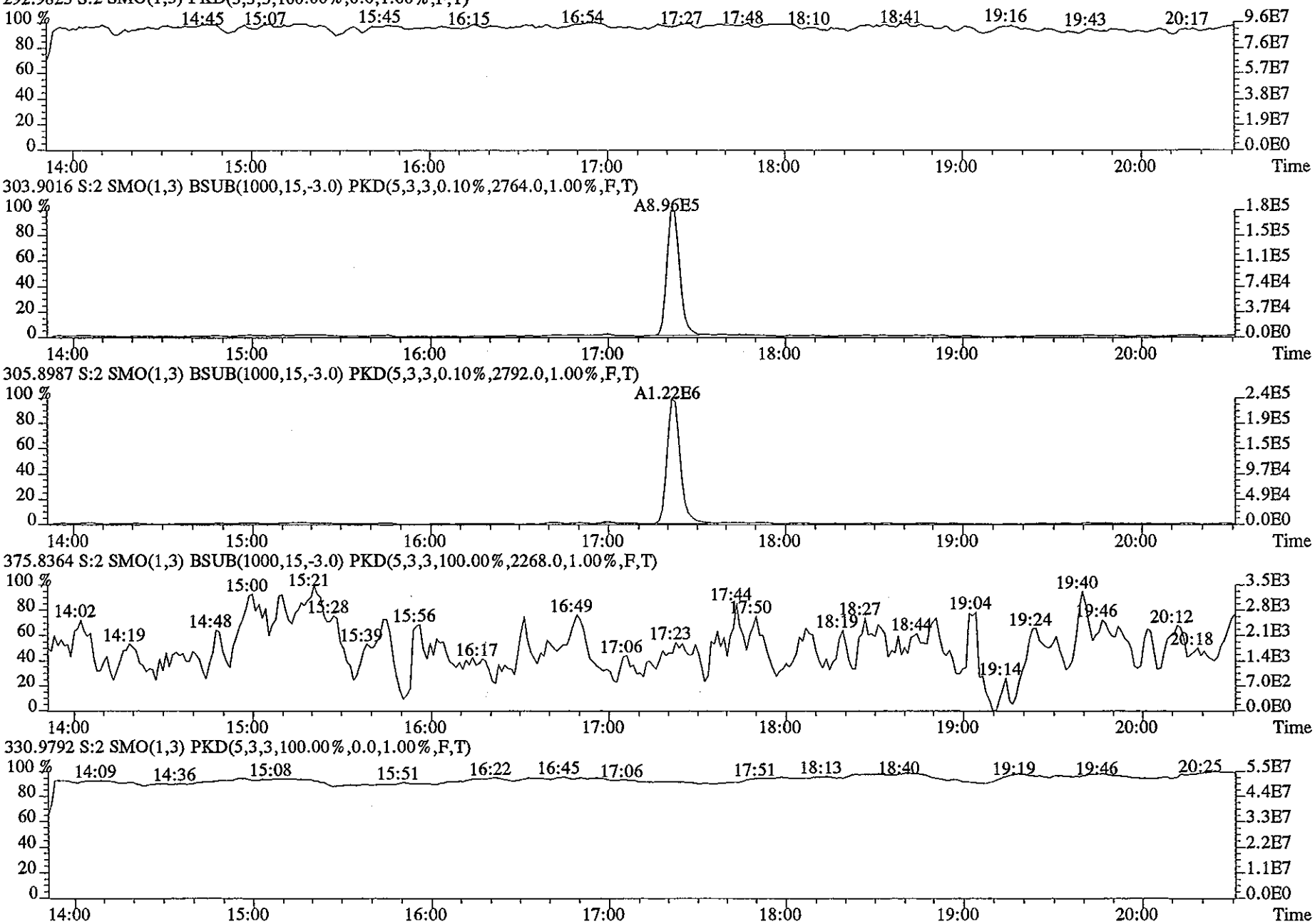
469.7779 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11048.0,1.00%,F,T)



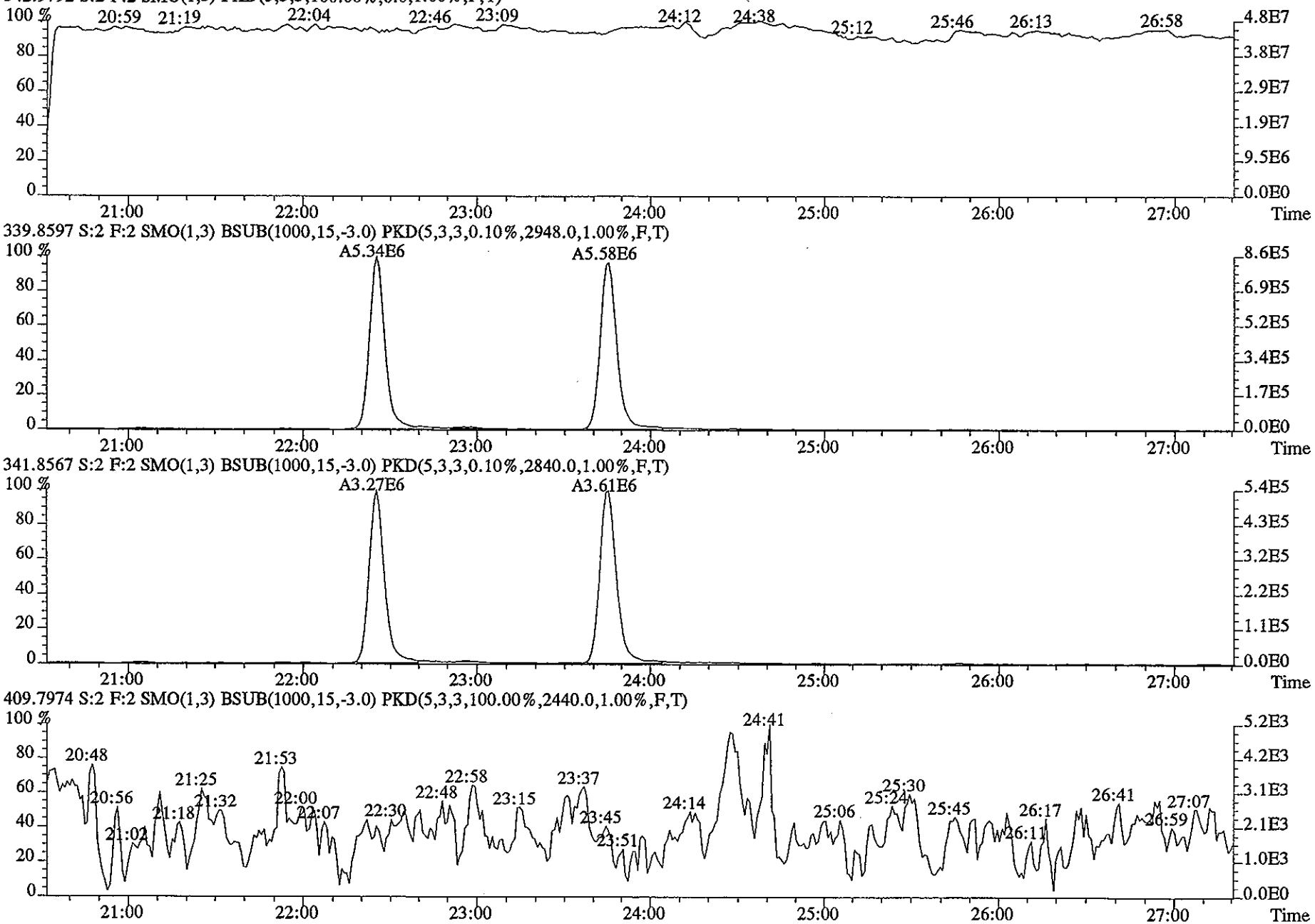
471.7750 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1904.0,1.00%,F,T)



File:29DE058D5 #1-362 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN

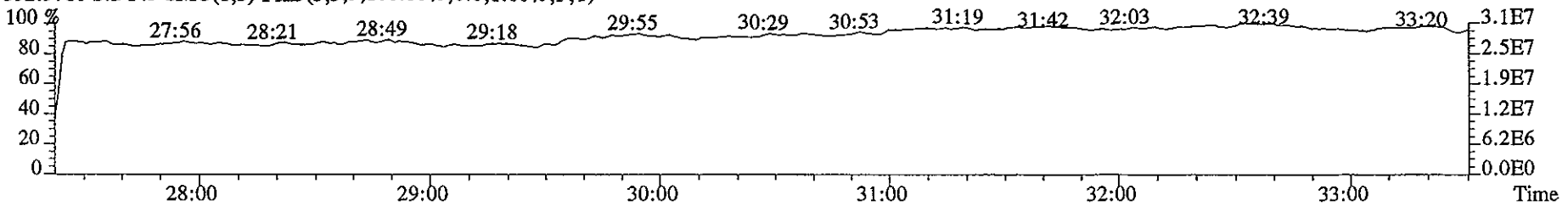


File:29DE058D5 #1-479 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN

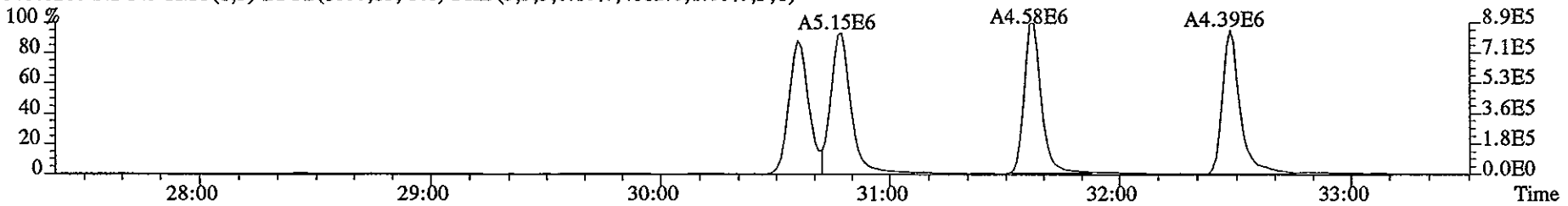


File:29DE058D5 #1-412 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN

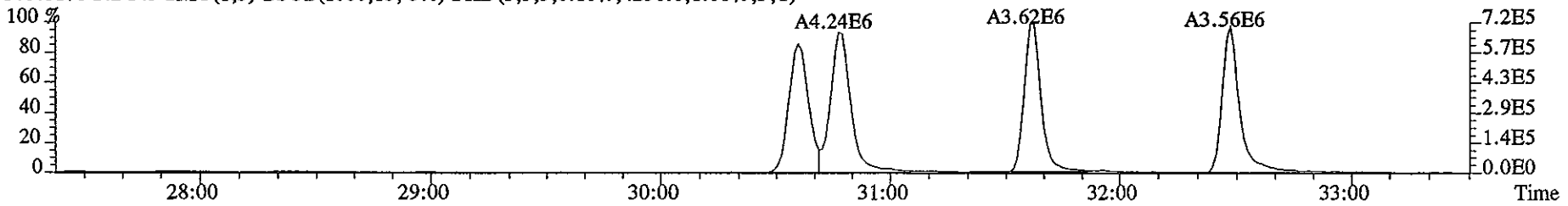
392.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



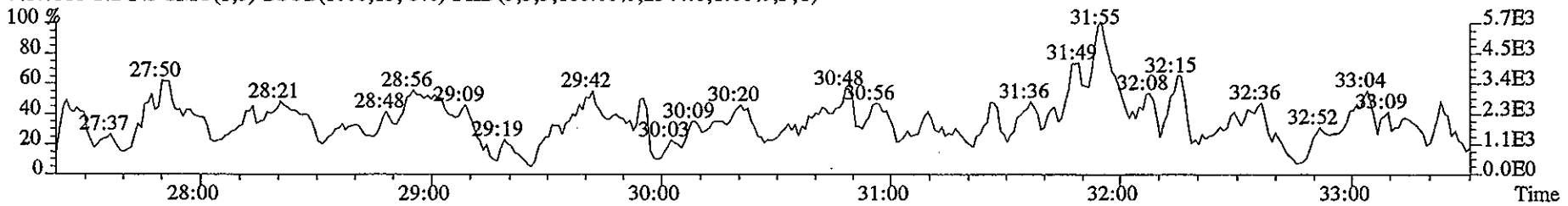
373.8208 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4112.0,1.00%,F,T)



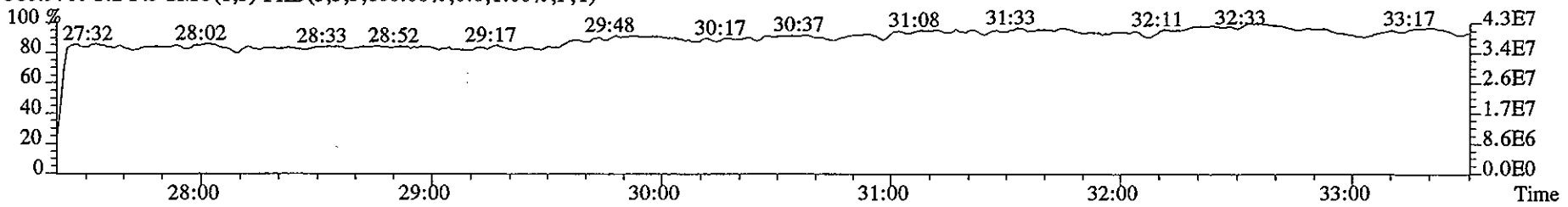
375.8178 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4256.0,1.00%,F,T)



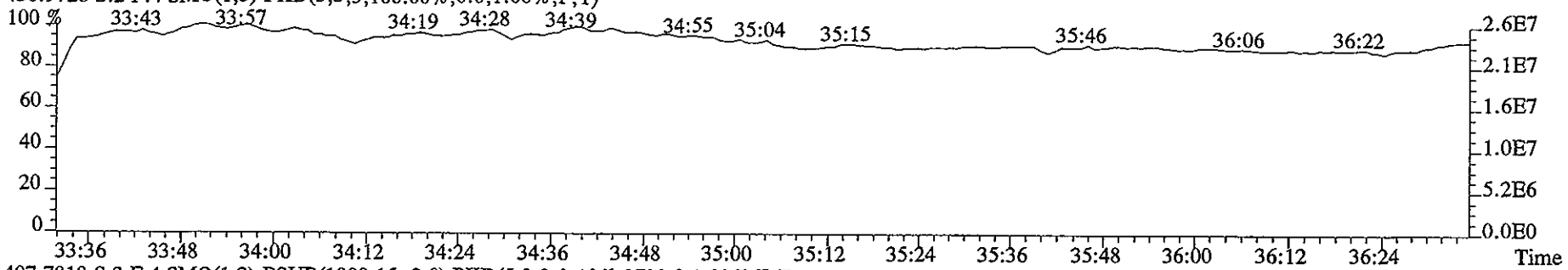
445.7555 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2544.0,1.00%,F,T)

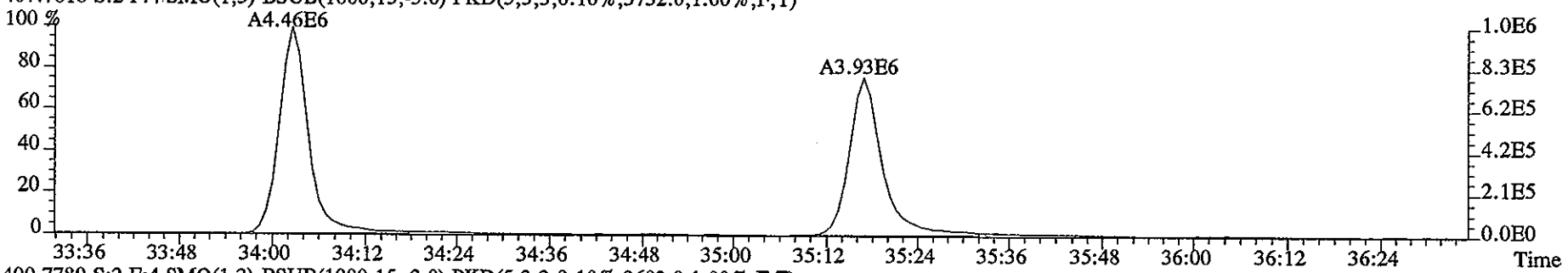


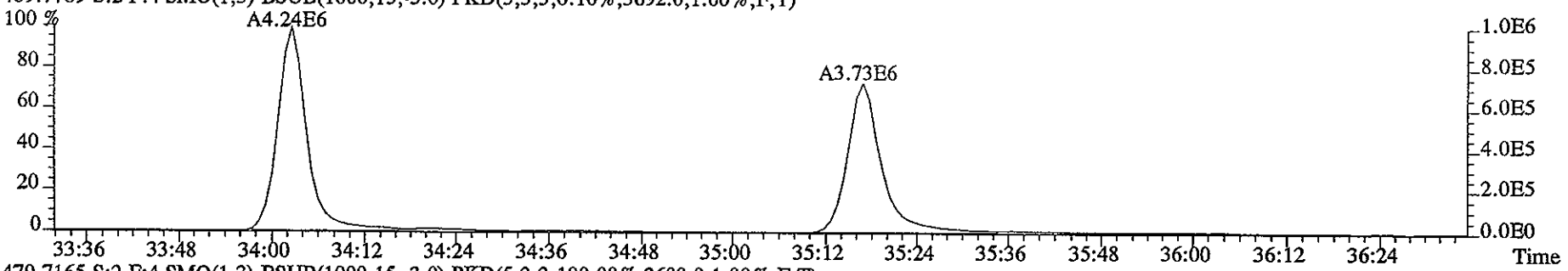
380.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

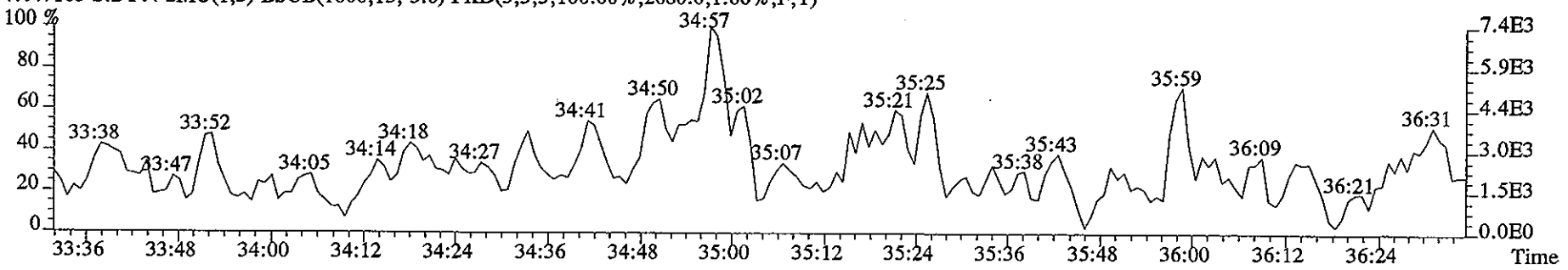


File:29DE058D5 #1-216 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN

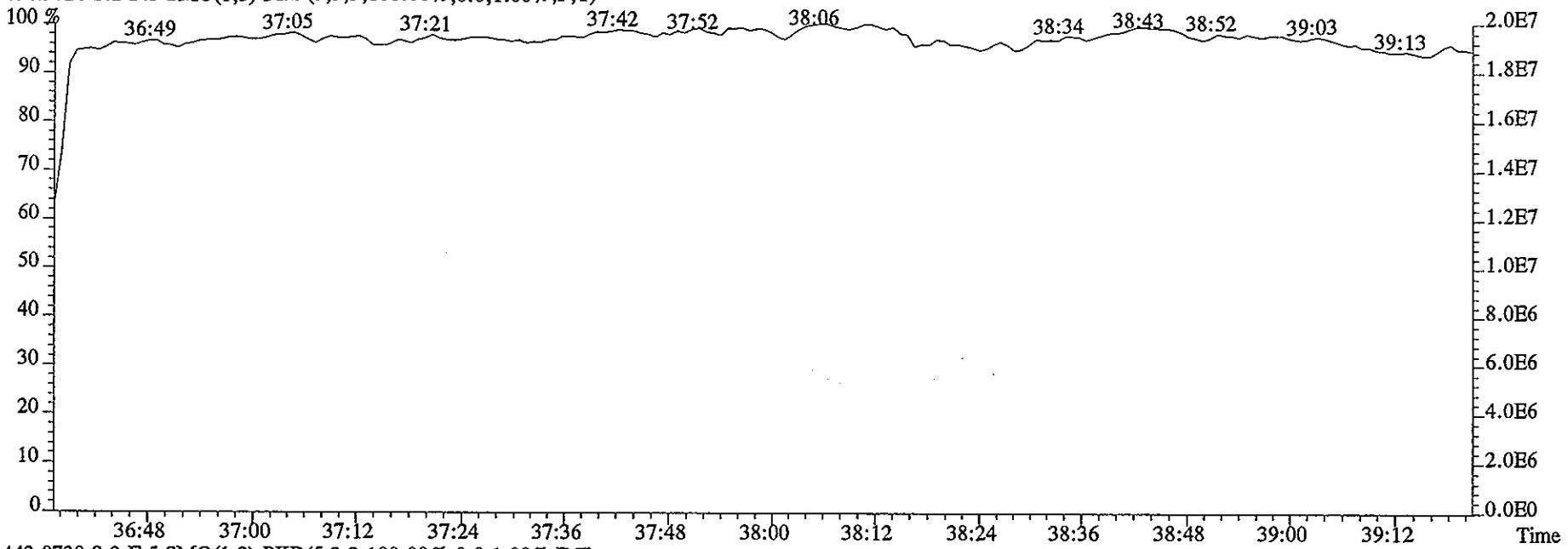




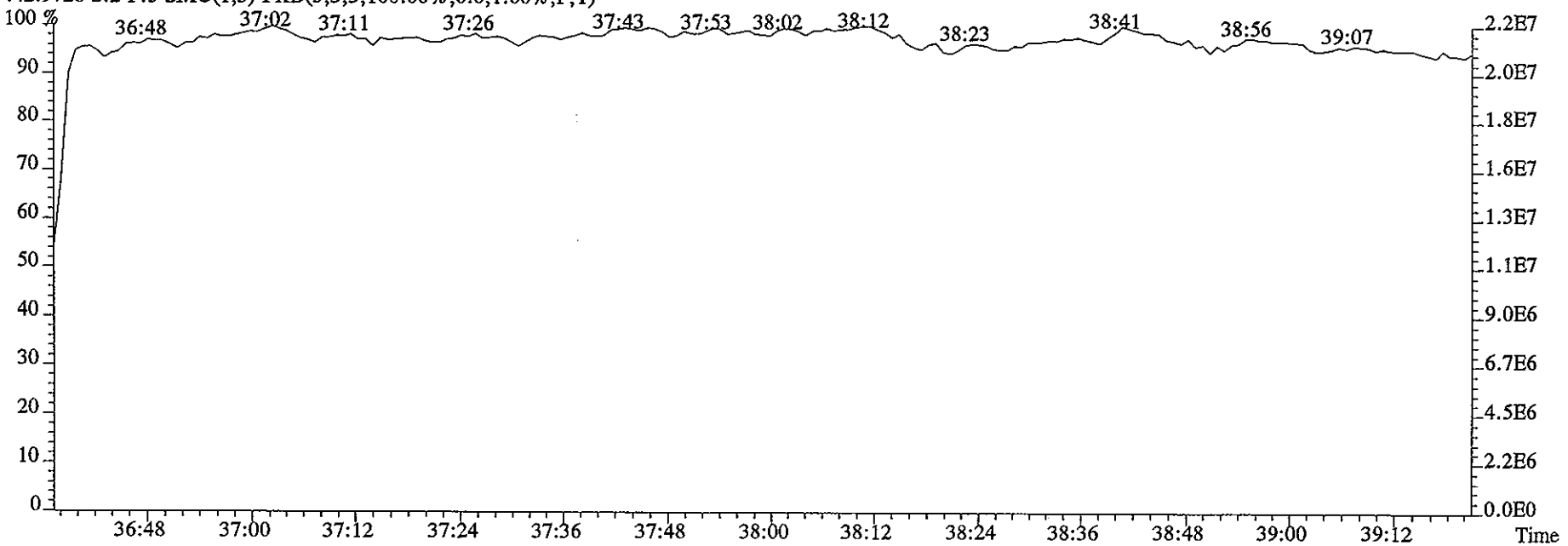




File:29DE058D5 #1-197 Acq:29-DEC-2005 17:43:12 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 Text:ST1229A :CS2 2565-41B Exp:DIOXIN
454.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

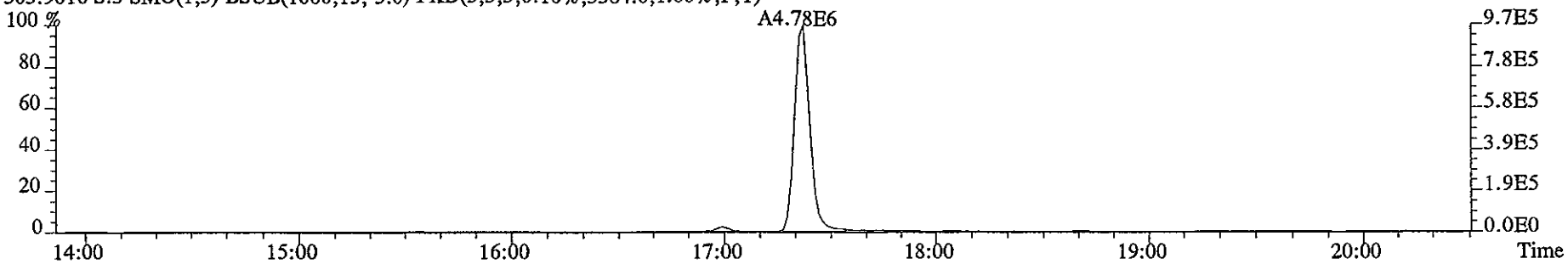


442.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

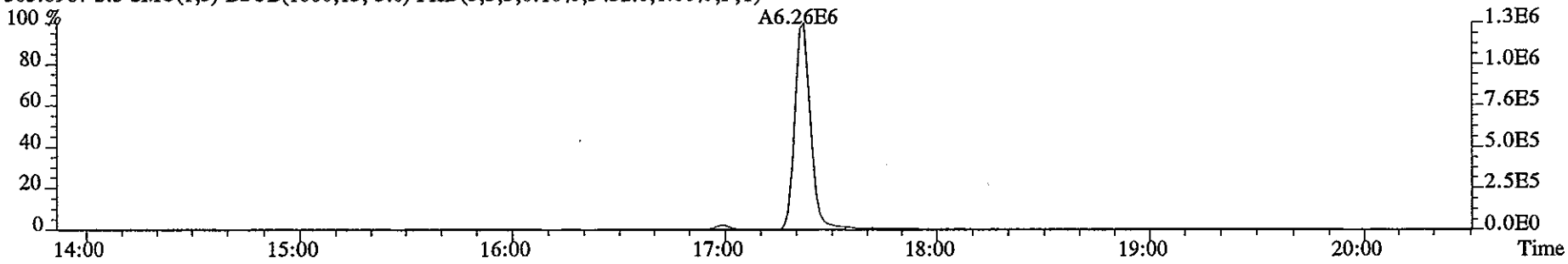


File:29DE058D5 #1-361 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN

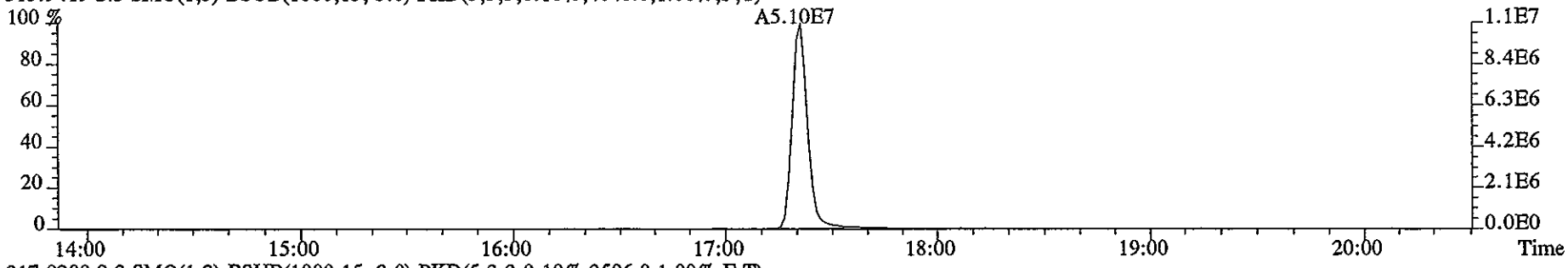
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3384.0,1.00%,F,T)



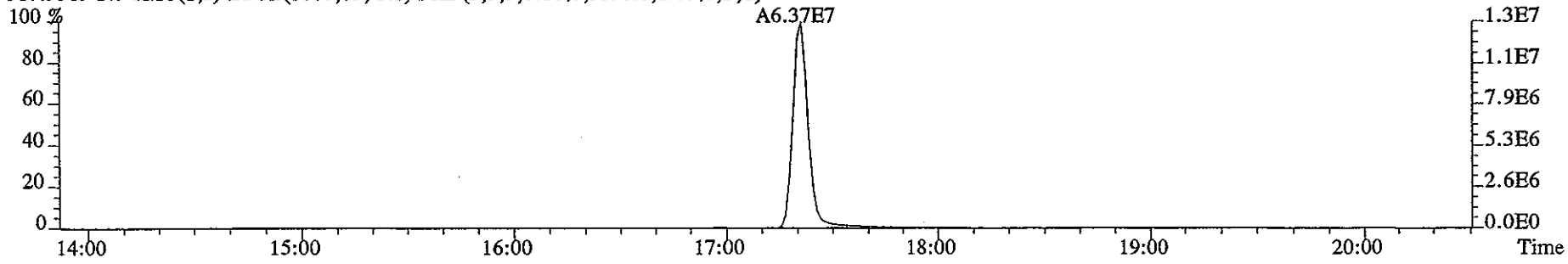
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3432.0,1.00%,F,T)



315.9419 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4048.0,1.00%,F,T)

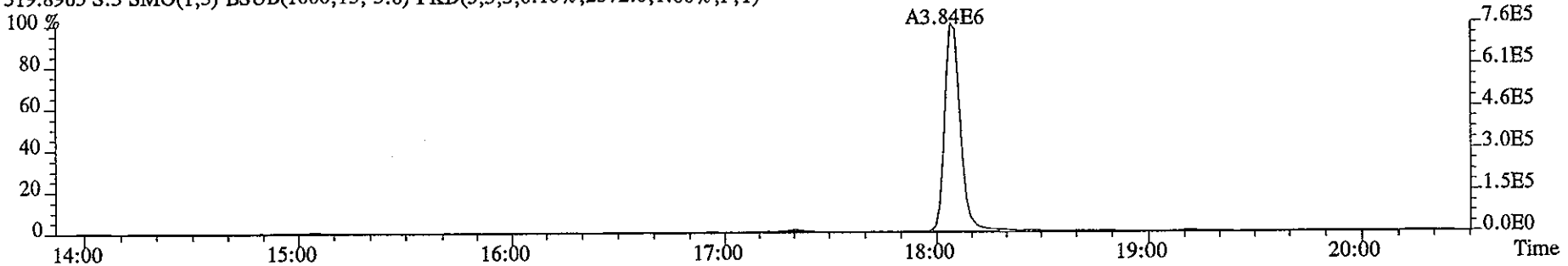


317.9389 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3596.0,1.00%,F,T)

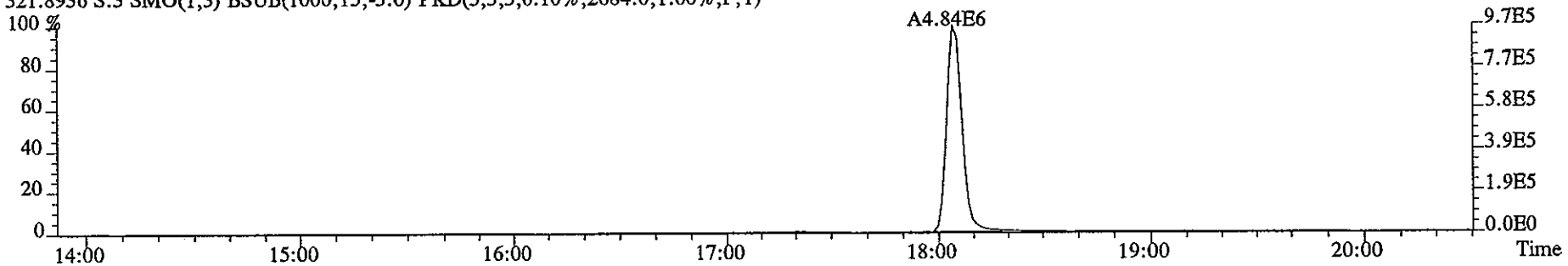


File:29DE058D5 #1-361 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN

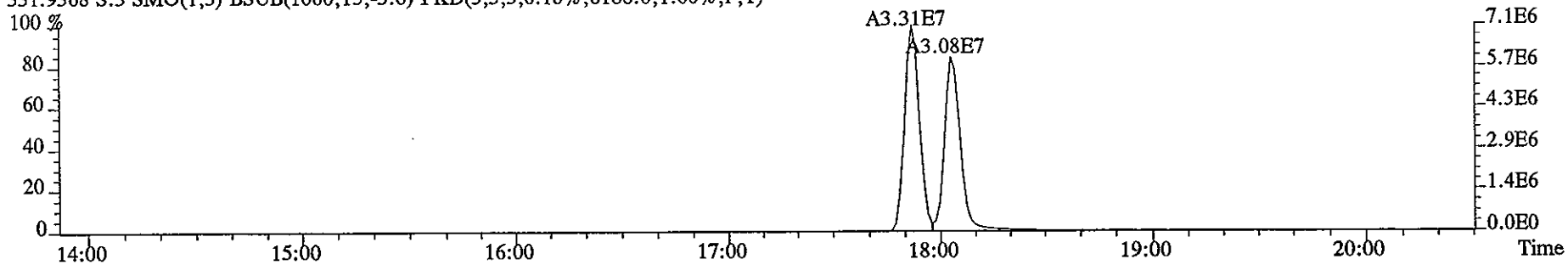
319.8965 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2572.0,1.00%,F,T)



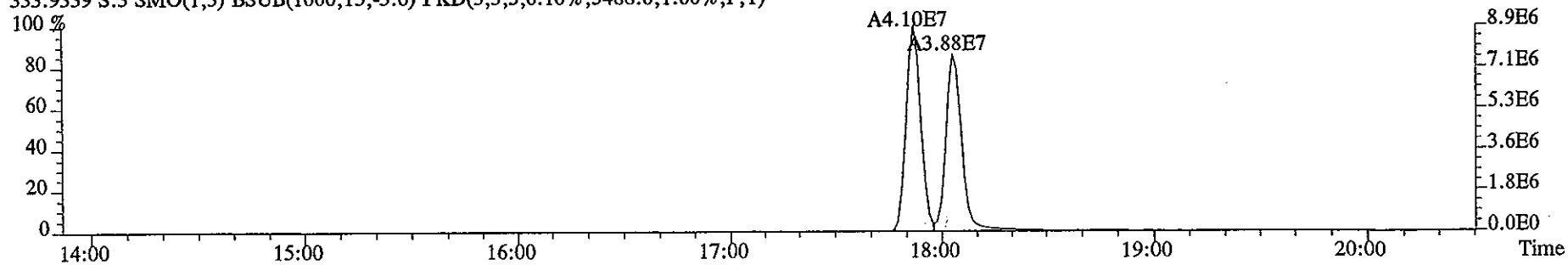
321.8936 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2684.0,1.00%,F,T)



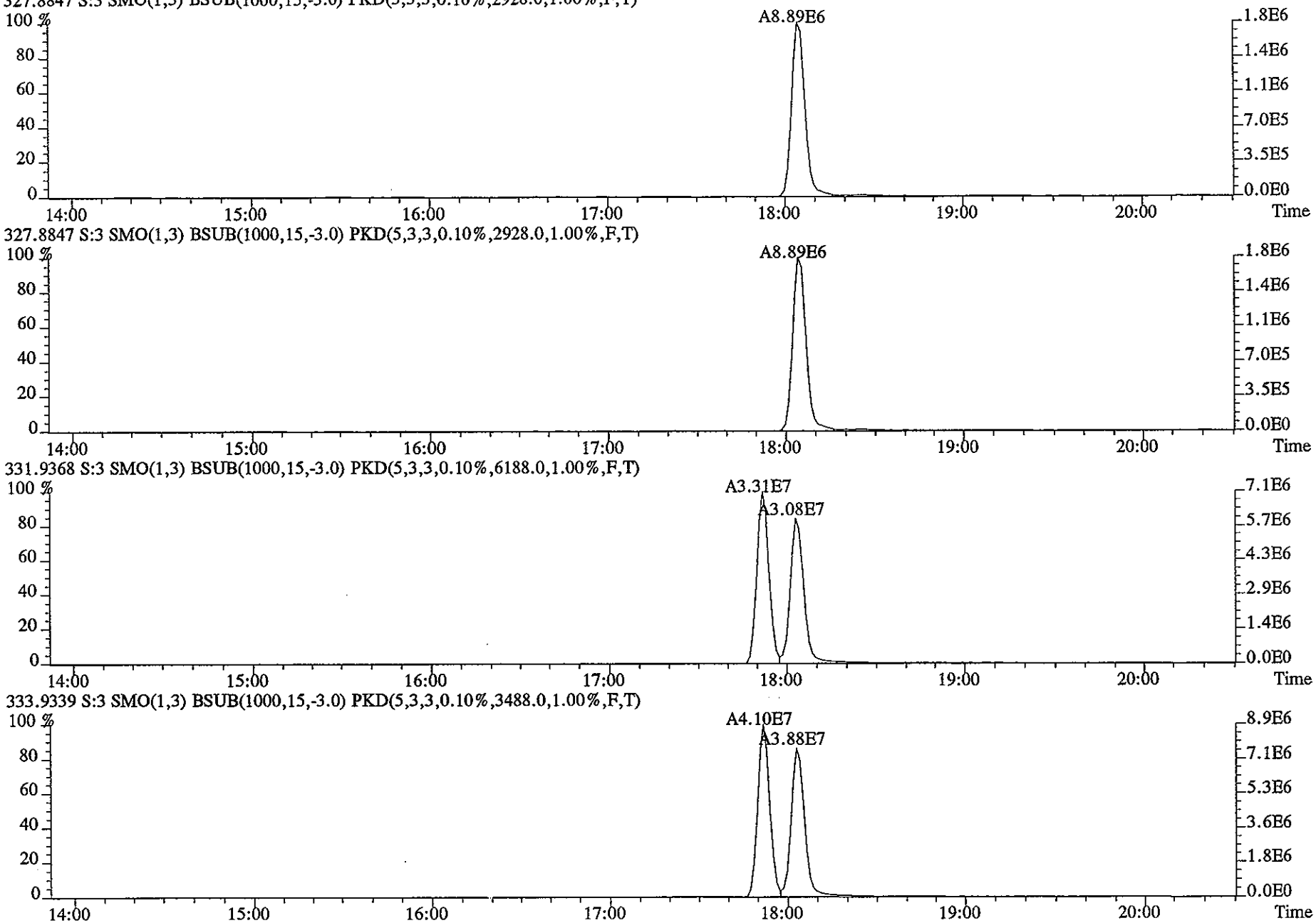
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6188.0,1.00%,F,T)



333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3488.0,1.00%,F,T)

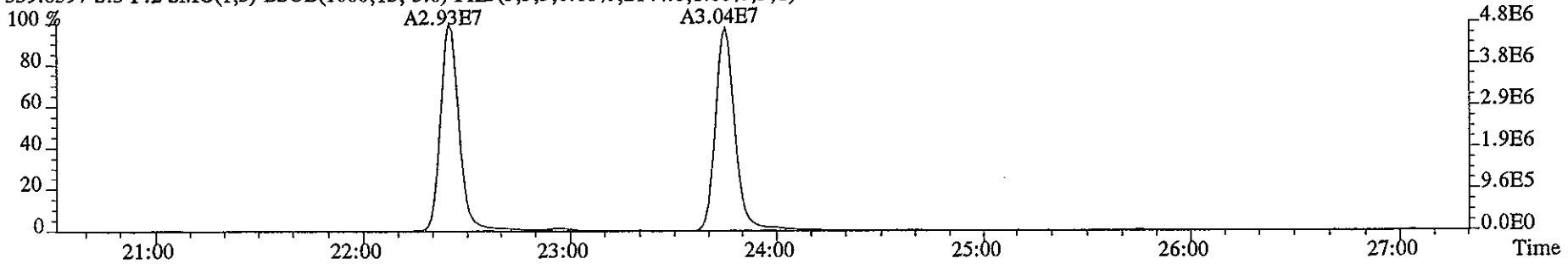


File:29DE058D5 #1-361 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN

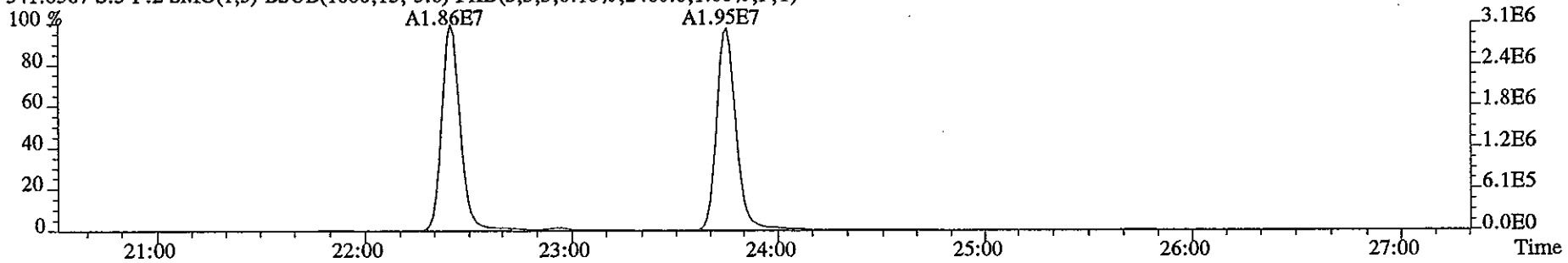


File:29DE058D5 #1-479 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN

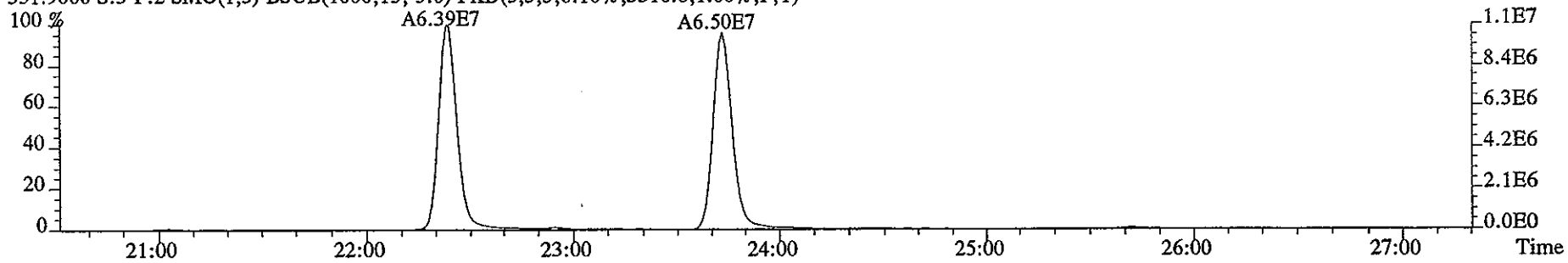
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2144.0,1.00%,F,T)



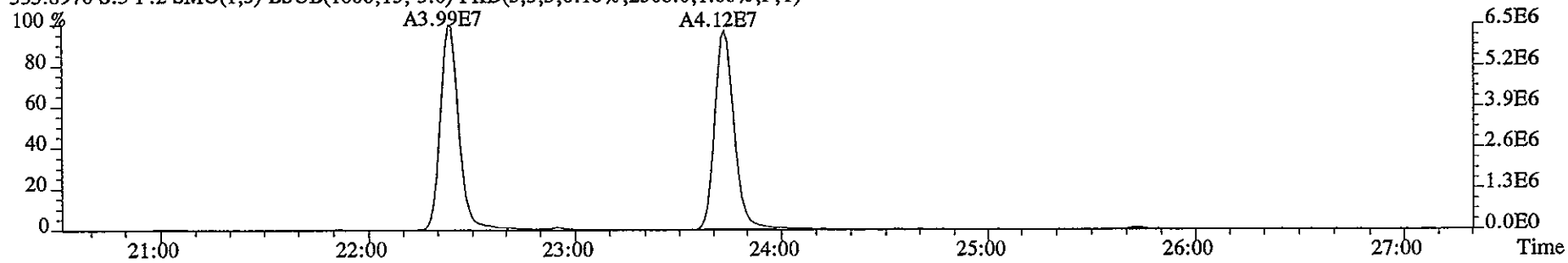
341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2460.0,1.00%,F,T)



351.9000 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3316.0,1.00%,F,T)

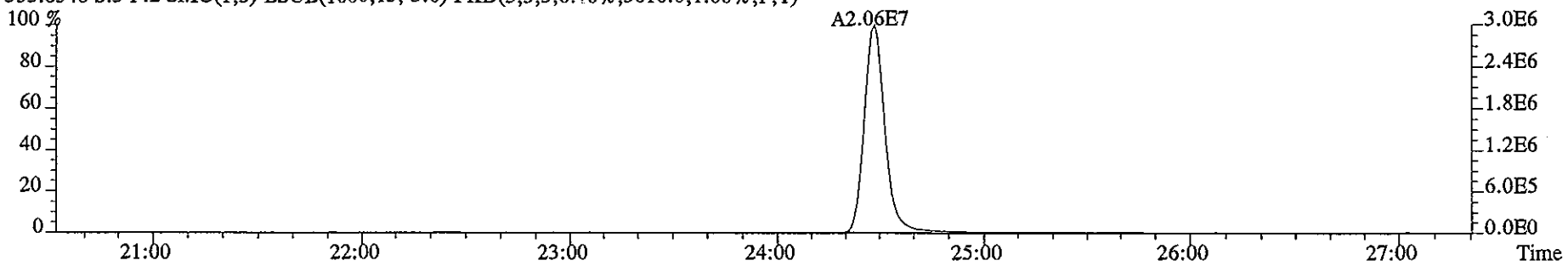


353.8970 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2308.0,1.00%,F,T)

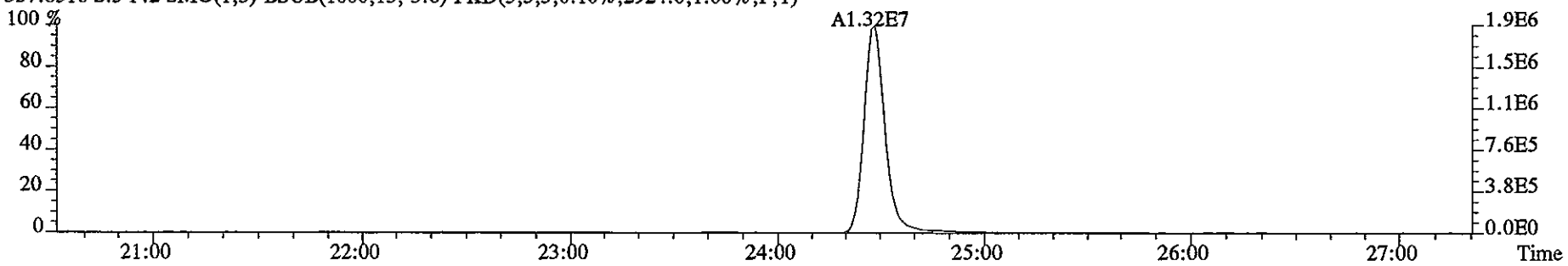


File:29DE058D5 #1-479 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN

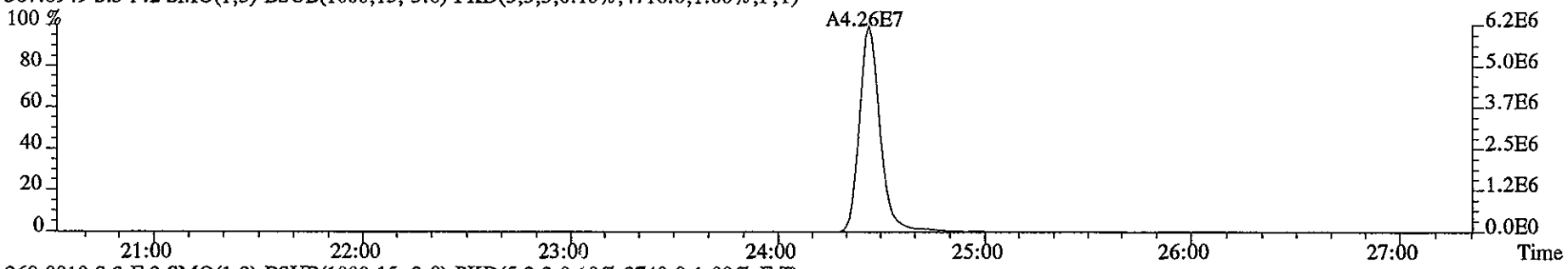
355.8546 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3616.0,1.00%,F,T)



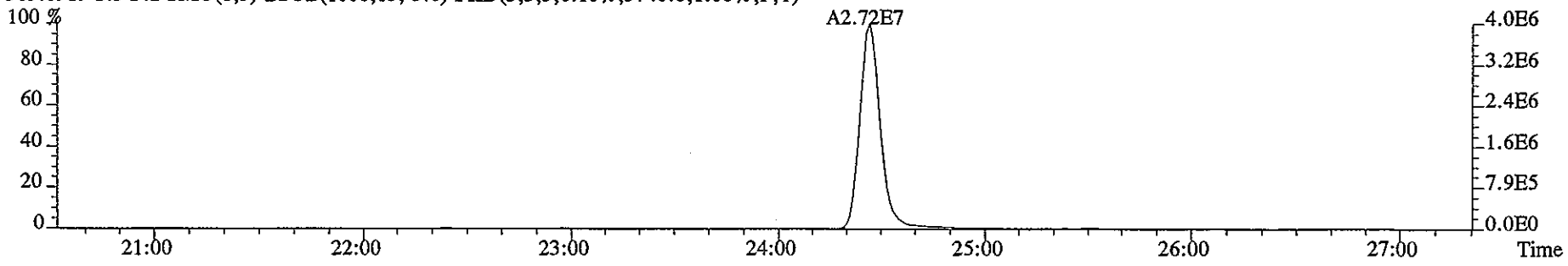
357.8516 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2924.0,1.00%,F,T)



367.8949 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4716.0,1.00%,F,T)

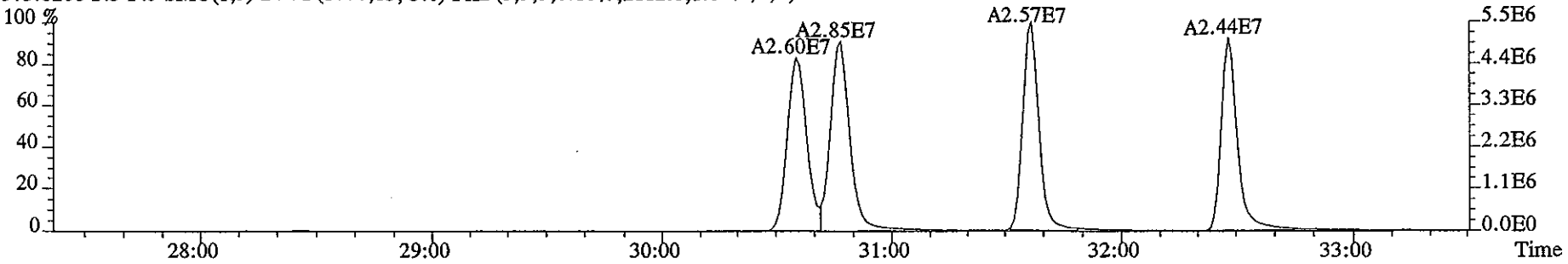


369.8919 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3740.0,1.00%,F,T)

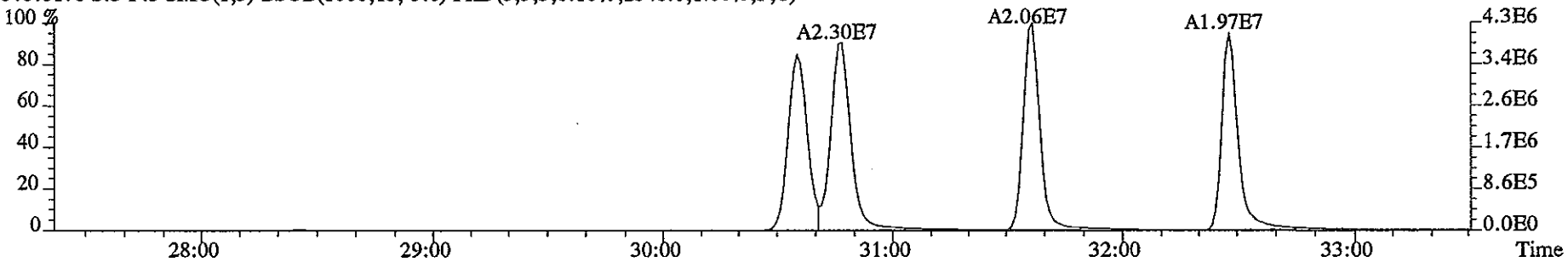


File:29DE058D5 #1-413 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN

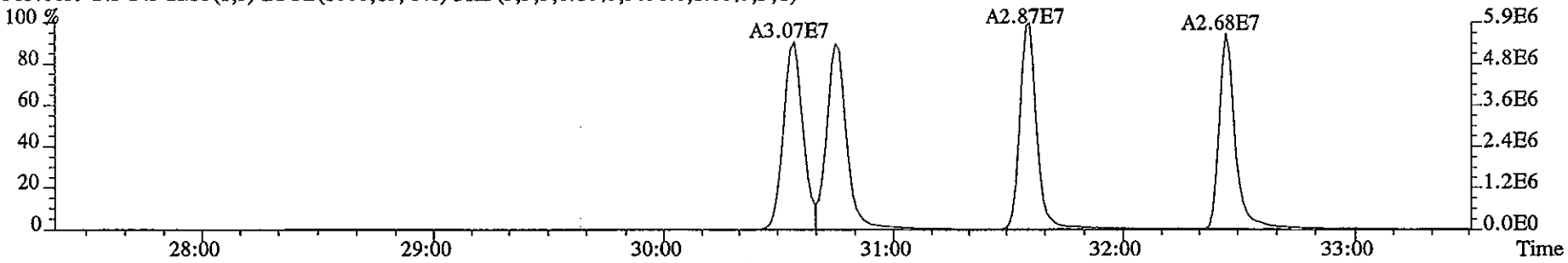
373.8208 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2112.0,1.00%,F,T)



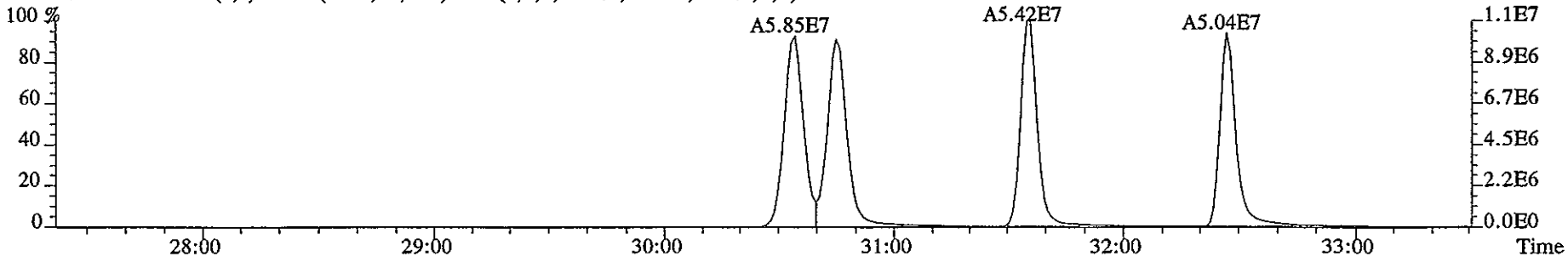
375.8178 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2548.0,1.00%,F,T)



383.8639 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3036.0,1.00%,F,T)

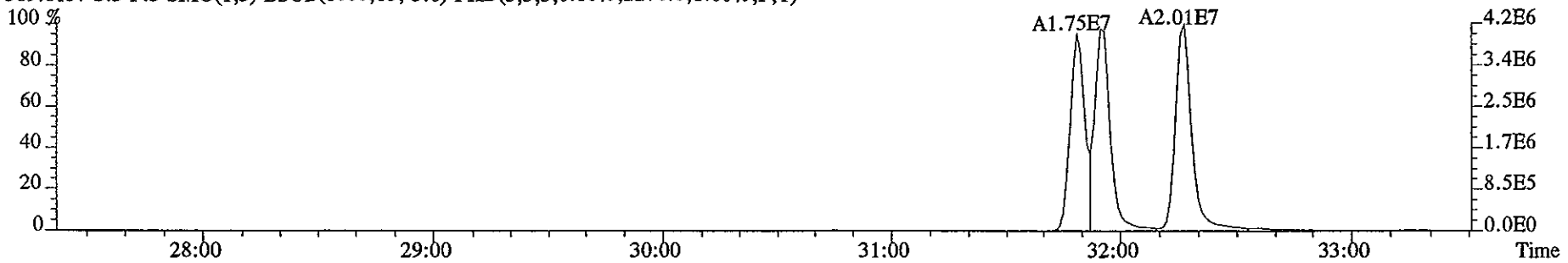


385.8610 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3260.0,1.00%,F,T)

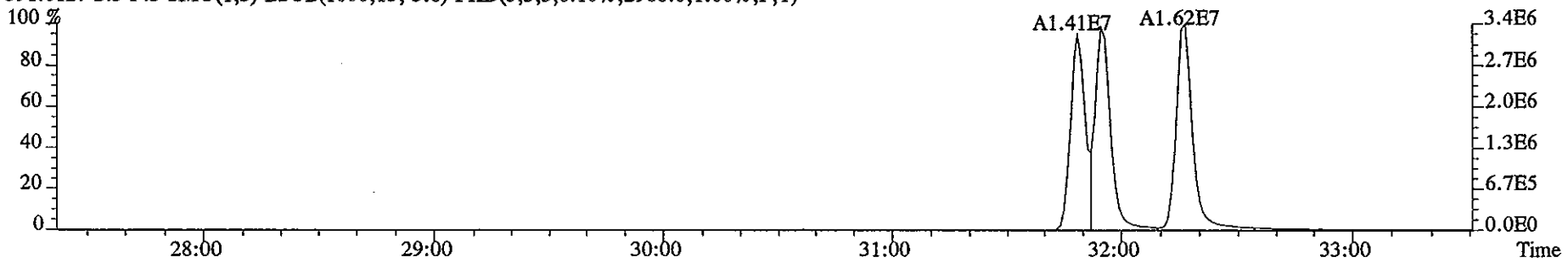


File:29DE058D5 #1-413 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN

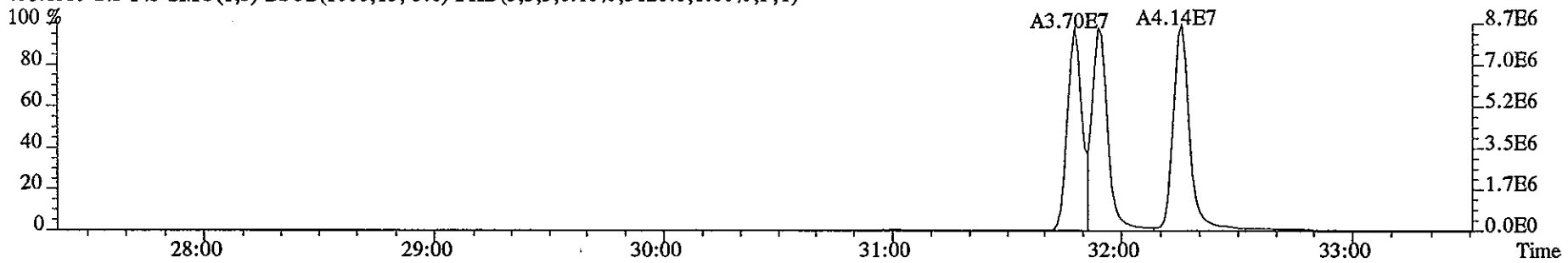
389.8157 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2276.0,1.00%,F,T)



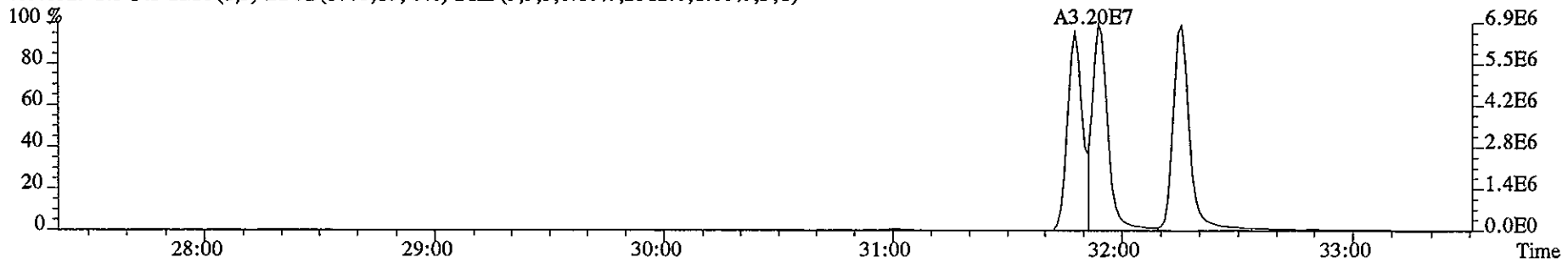
391.8127 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2968.0,1.00%,F,T)



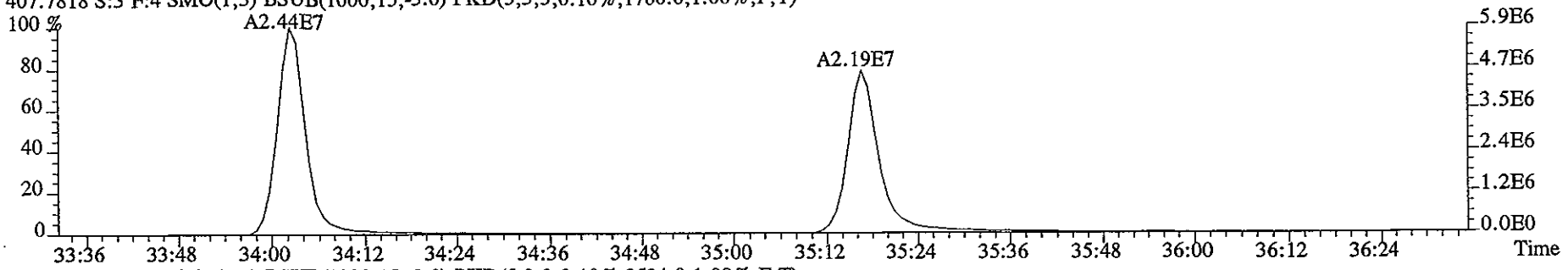
401.8559 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3120.0,1.00%,F,T)

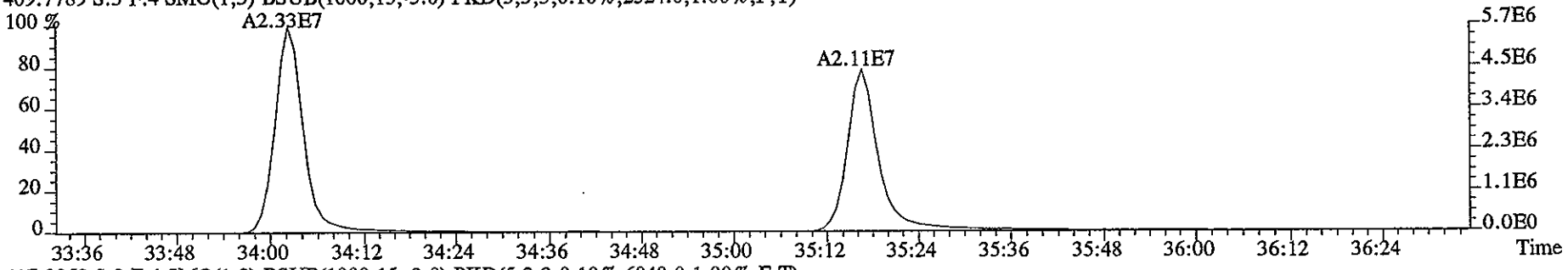


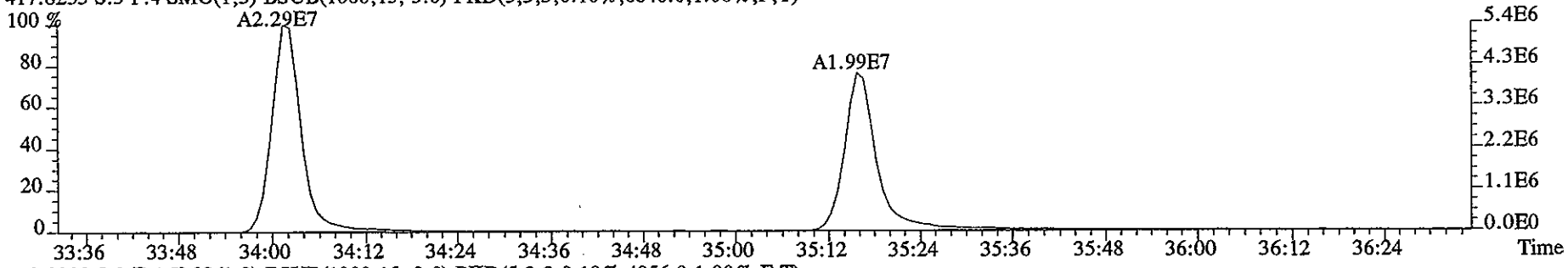
403.8529 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2512.0,1.00%,F,T)

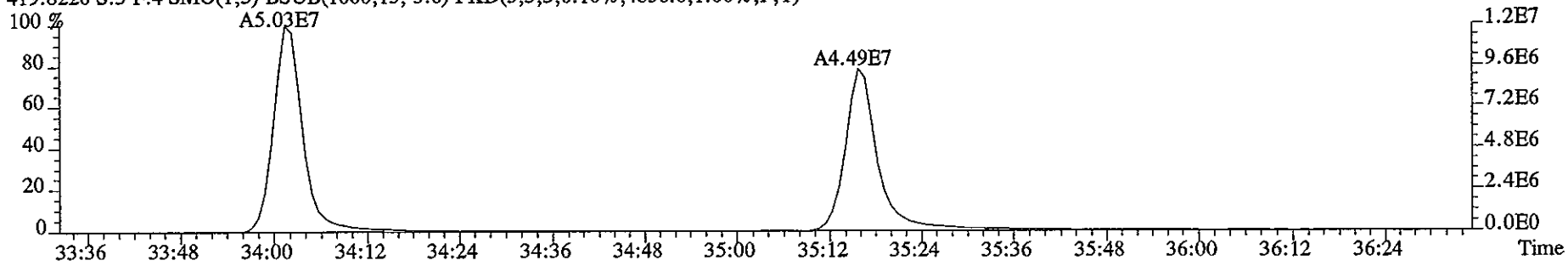


File:29DE058D5 #1-215 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN

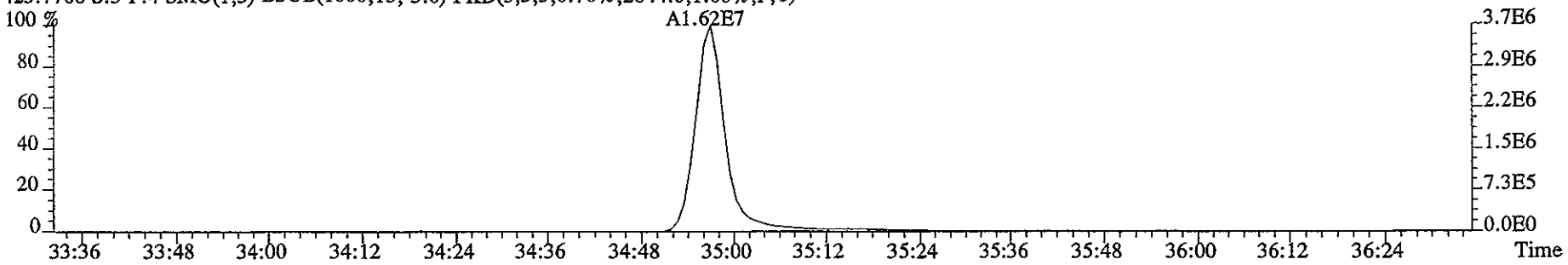




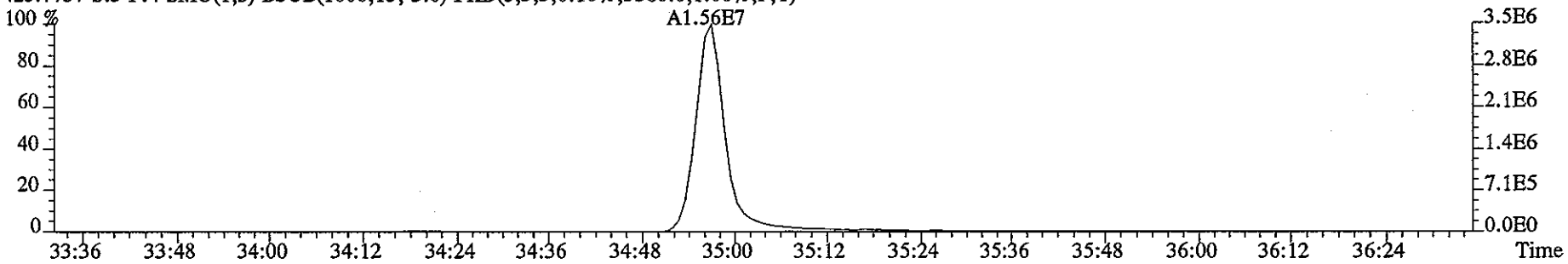




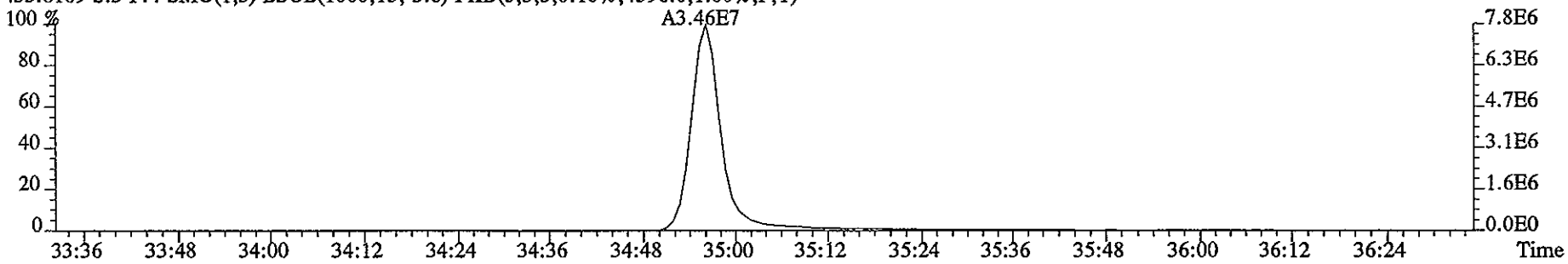
File:29DE058D5 #1-215 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN
423.7766 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2844.0,1.00%,F,T)



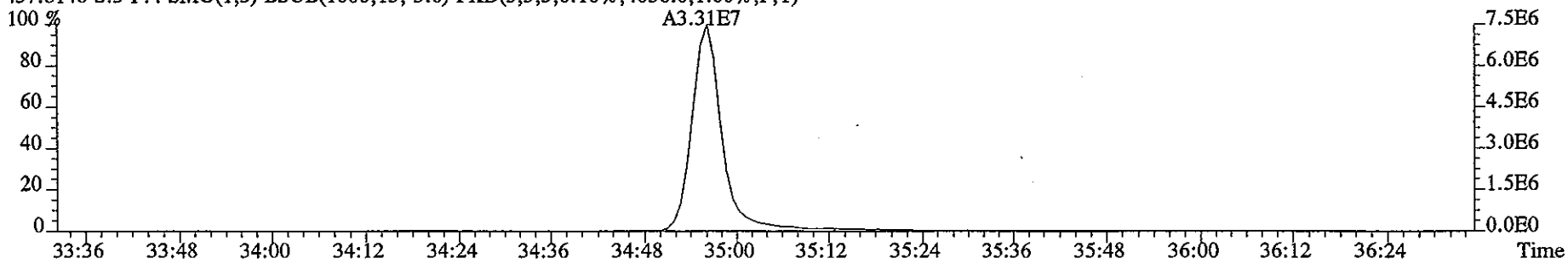
425.7737 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3560.0,1.00%,F,T)



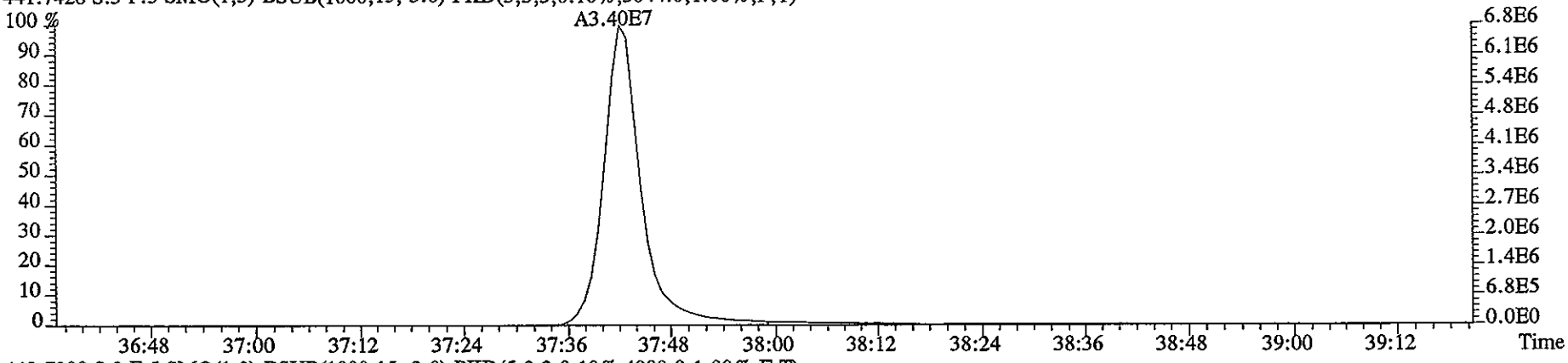
435.8169 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4596.0,1.00%,F,T)



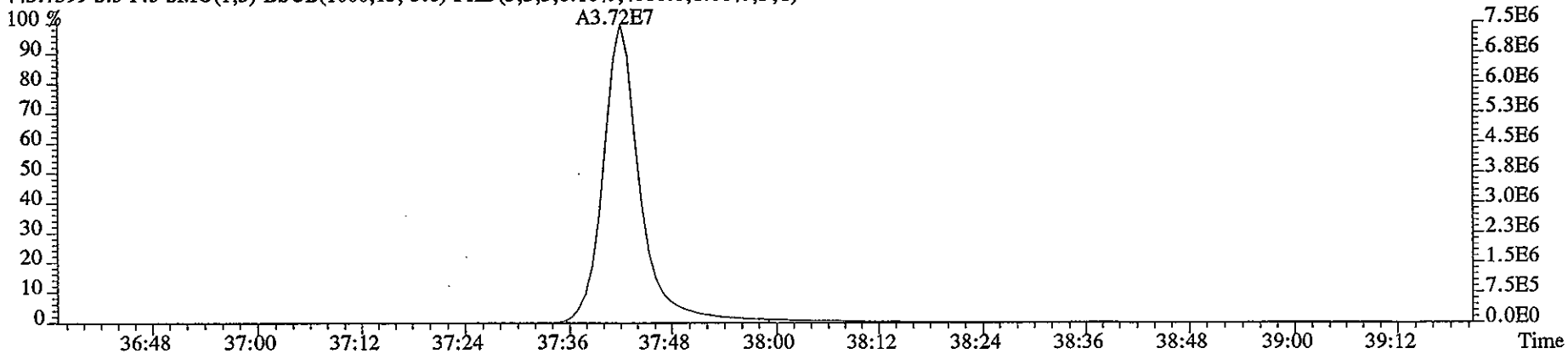
437.8140 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4056.0,1.00%,F,T)



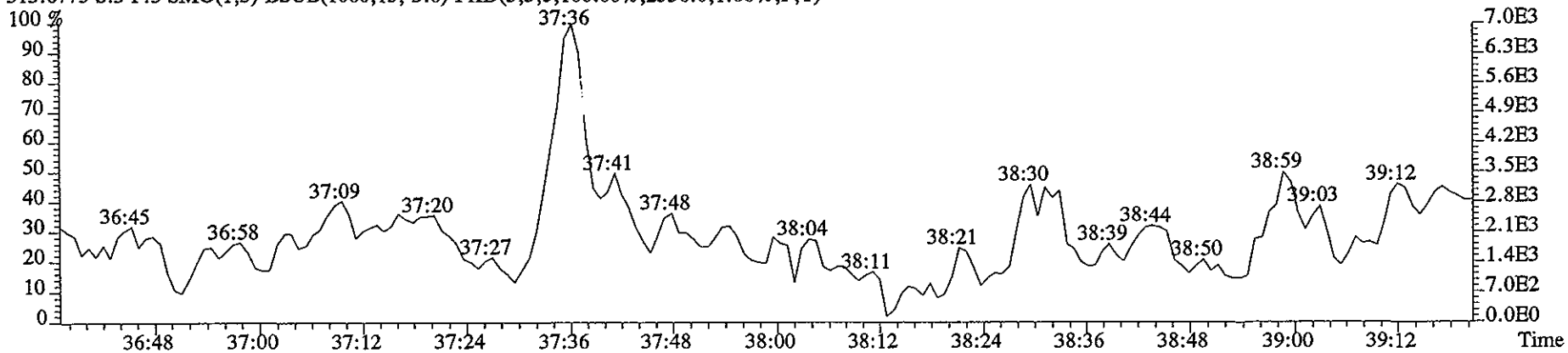
File:29DE058D5 #1-197 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN
441.7428 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3044.0,1.00%,F,T)



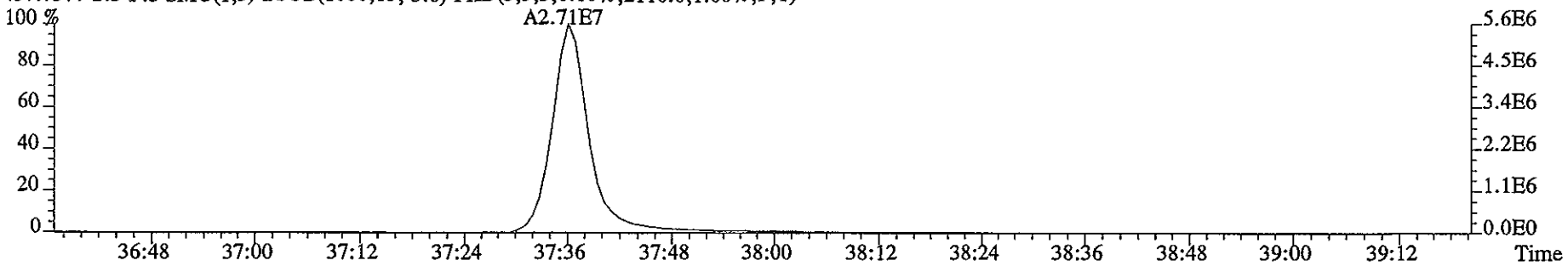
443.7399 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4080.0,1.00%,F,T)



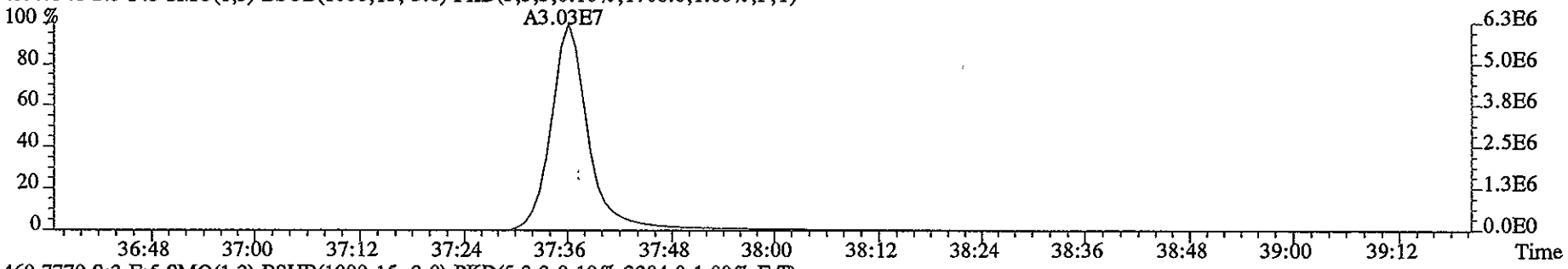
513.6775 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2336.0,1.00%,F,T)



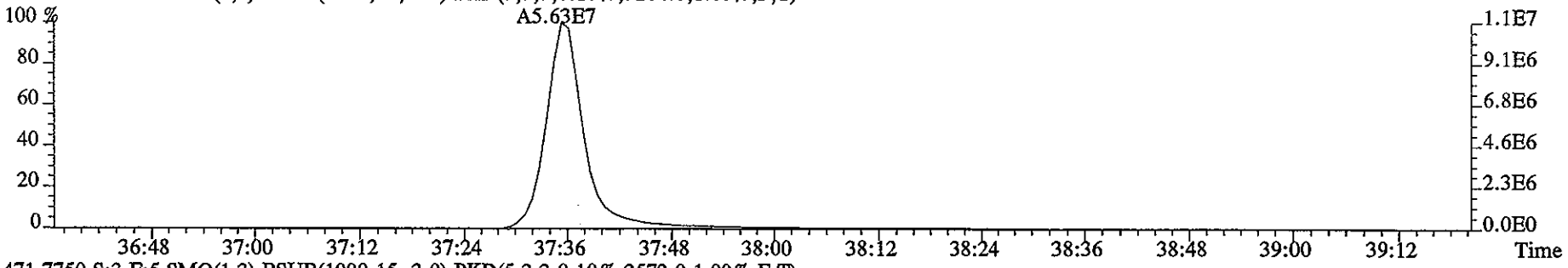
File:29DE058D5 #1-197 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN
457.7377 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2116.0,1.00%,F,T)



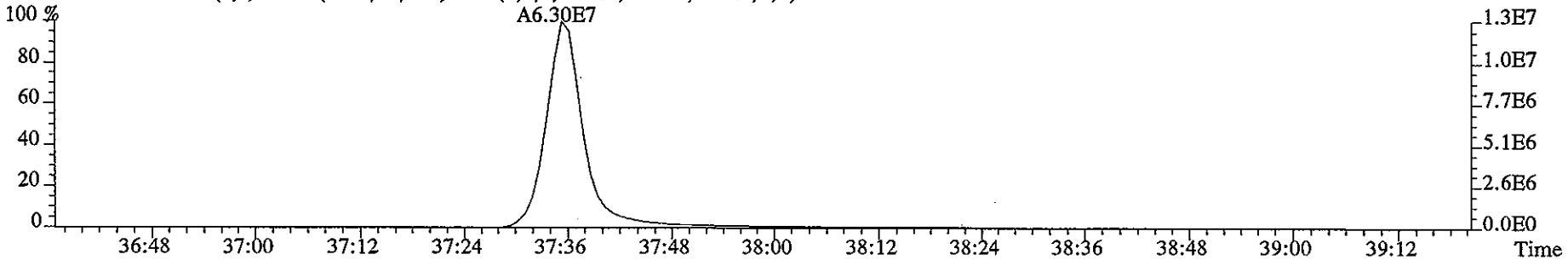
459.7348 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1708.0,1.00%,F,T)



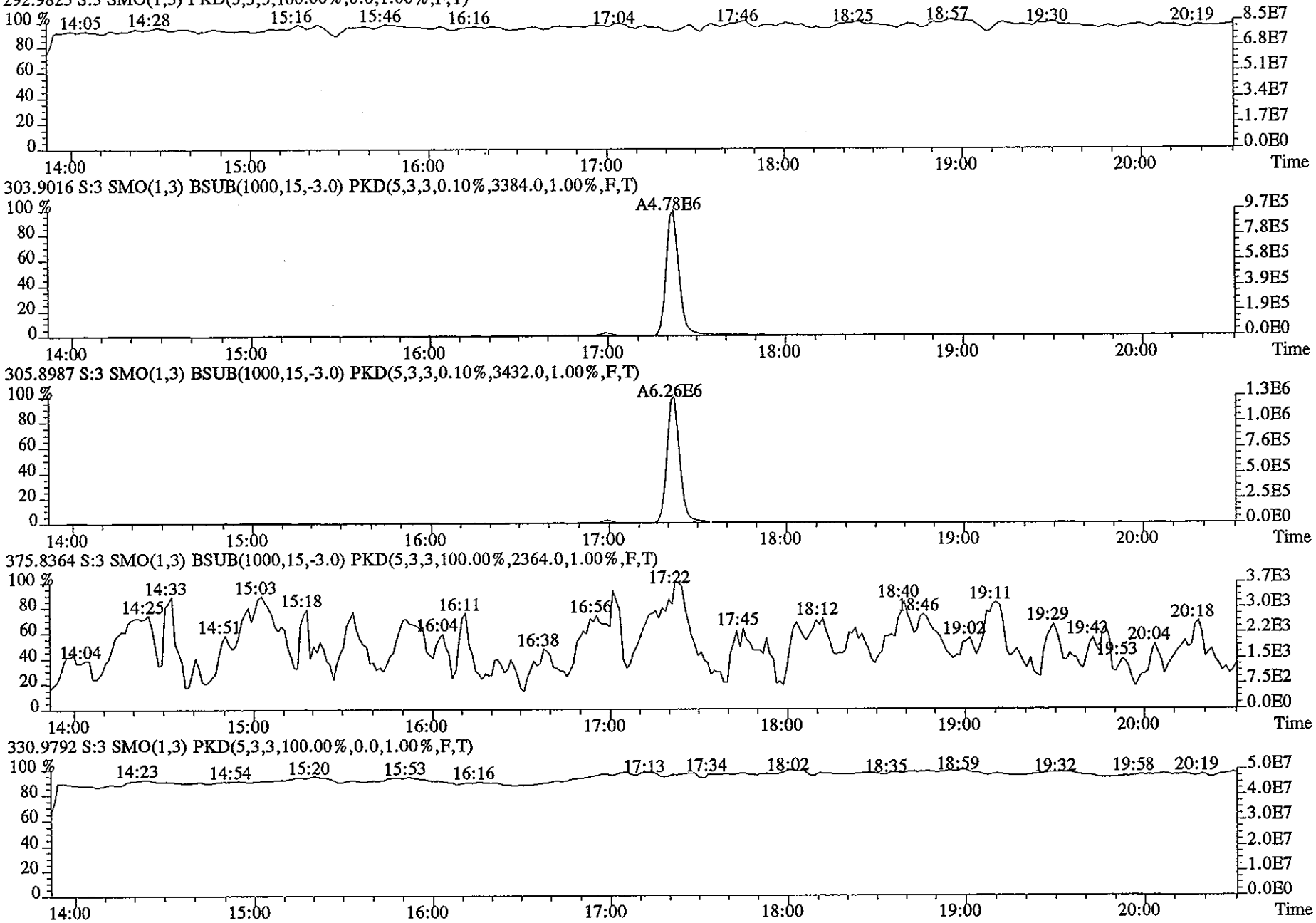
469.7779 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3284.0,1.00%,F,T)



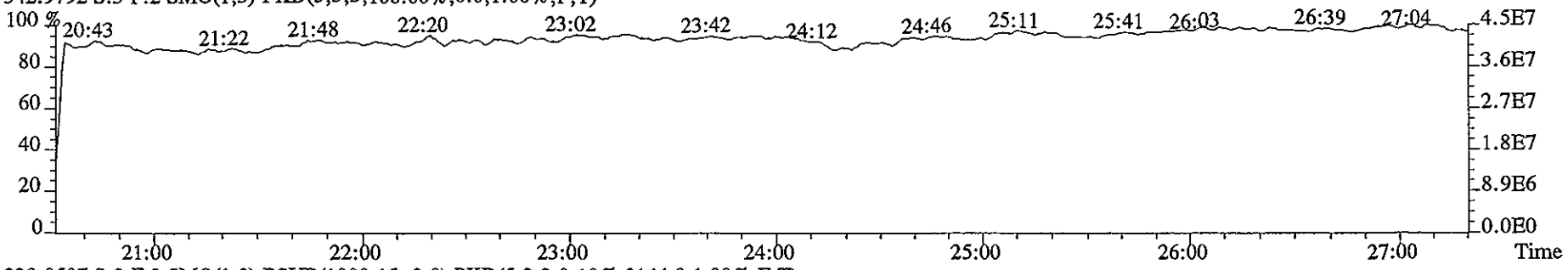
471.7750 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2572.0,1.00%,F,T)



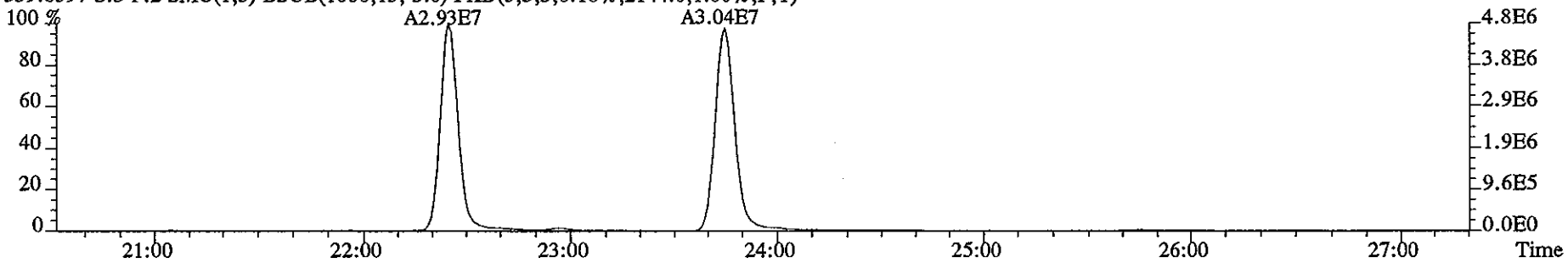
File:29DE058D5 #1-361 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN



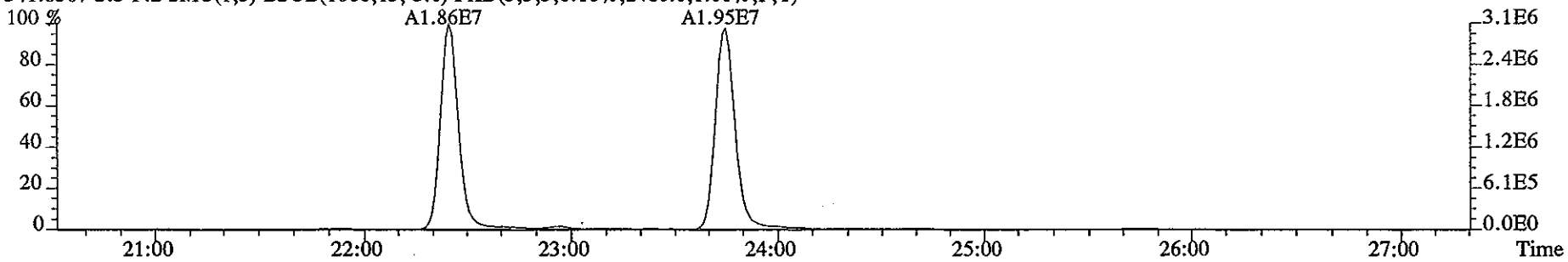
File:29DE058D5 #1-479 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN
342.9792 S:3 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



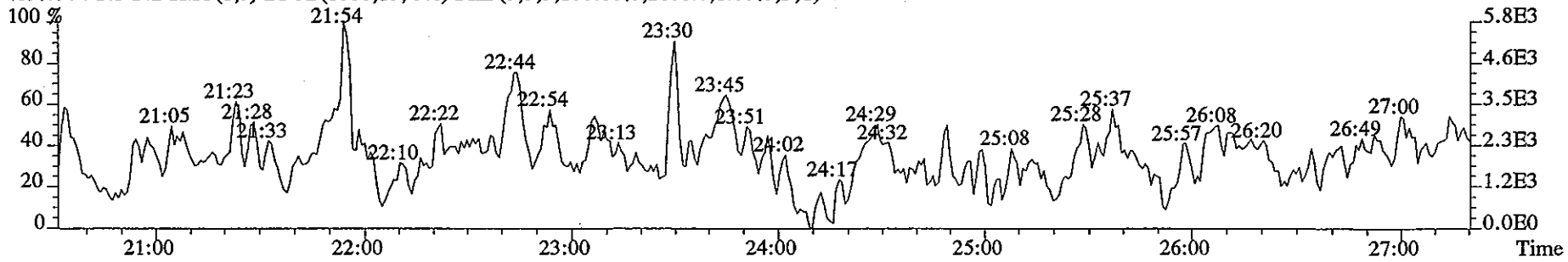
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2144.0,1.00%,F,T)



341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2460.0,1.00%,F,T)

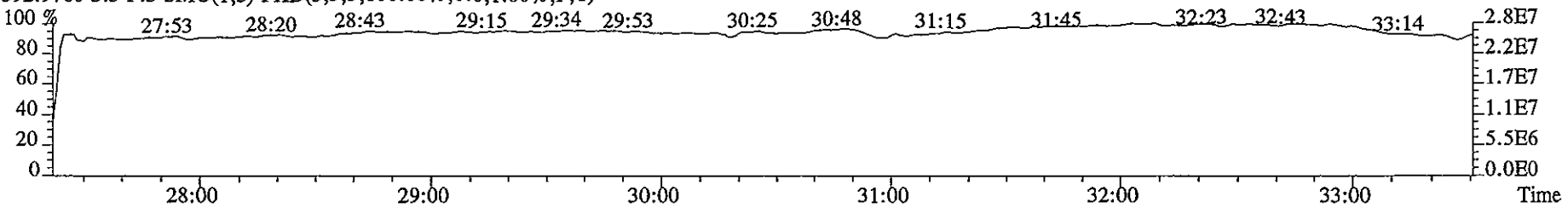


409.7974 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2608.0,1.00%,F,T)

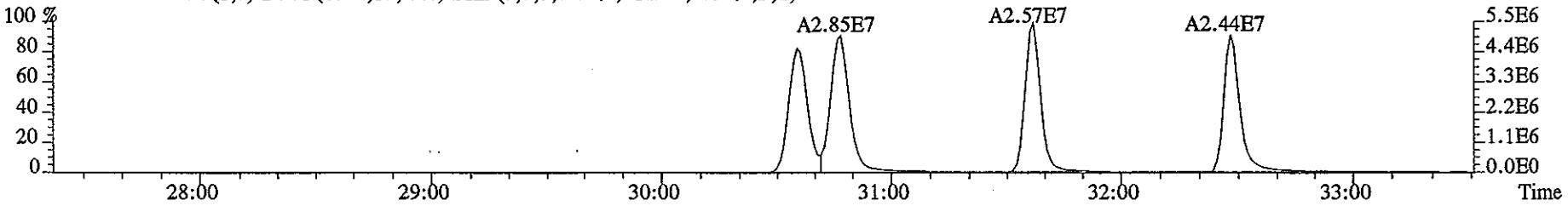


File:29DE058D5 #1-413 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN

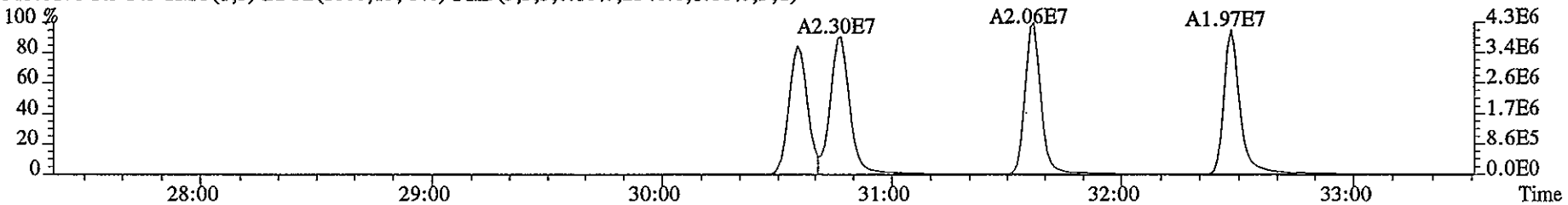
392.9760 S:3 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



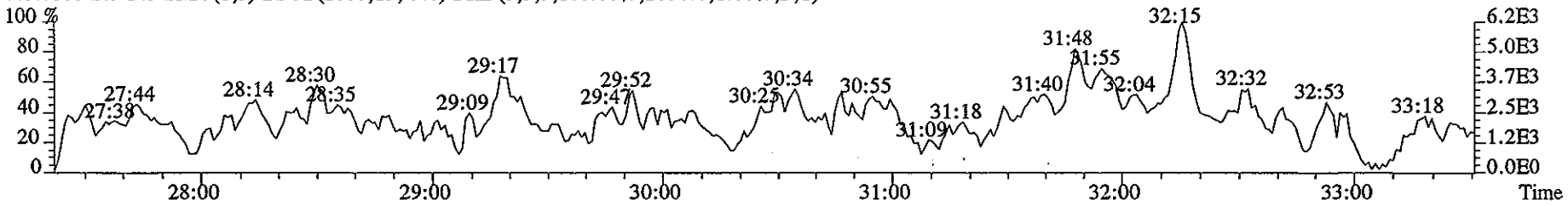
373.8208 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2112.0,1.00%,F,T)



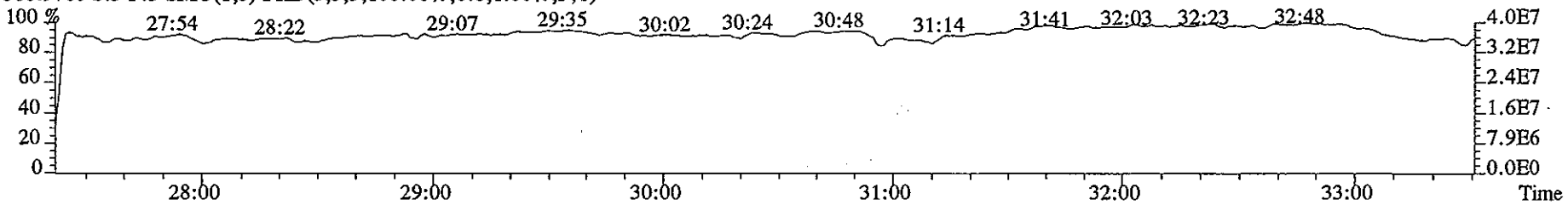
375.8178 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2548.0,1.00%,F,T)



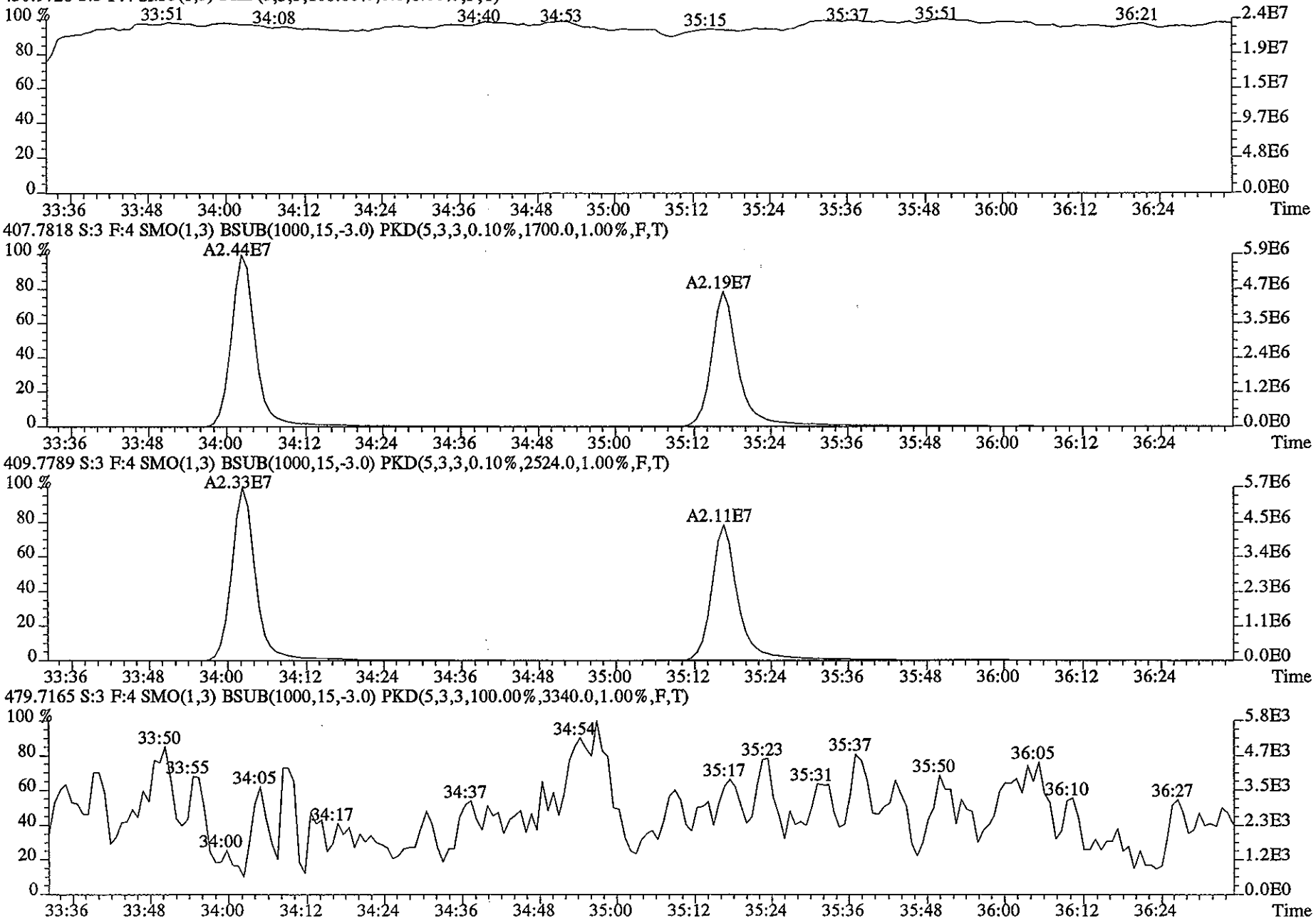
445.7555 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2856.0,1.00%,F,T)



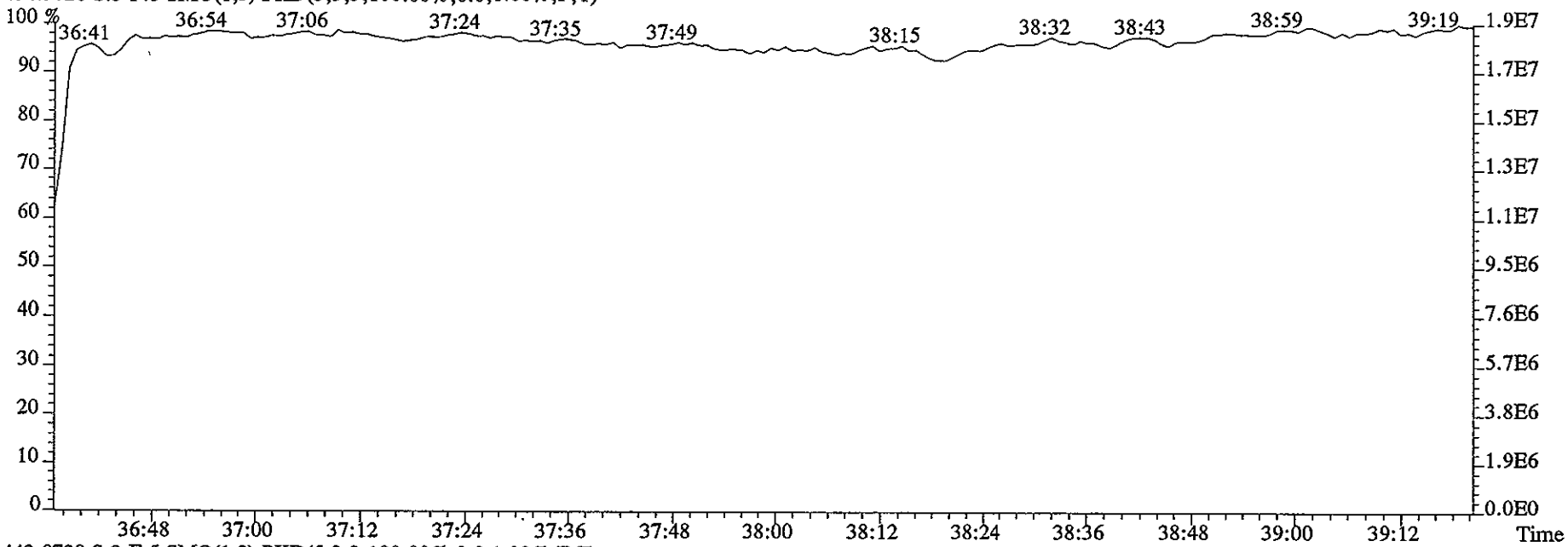
380.9760 S:3 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



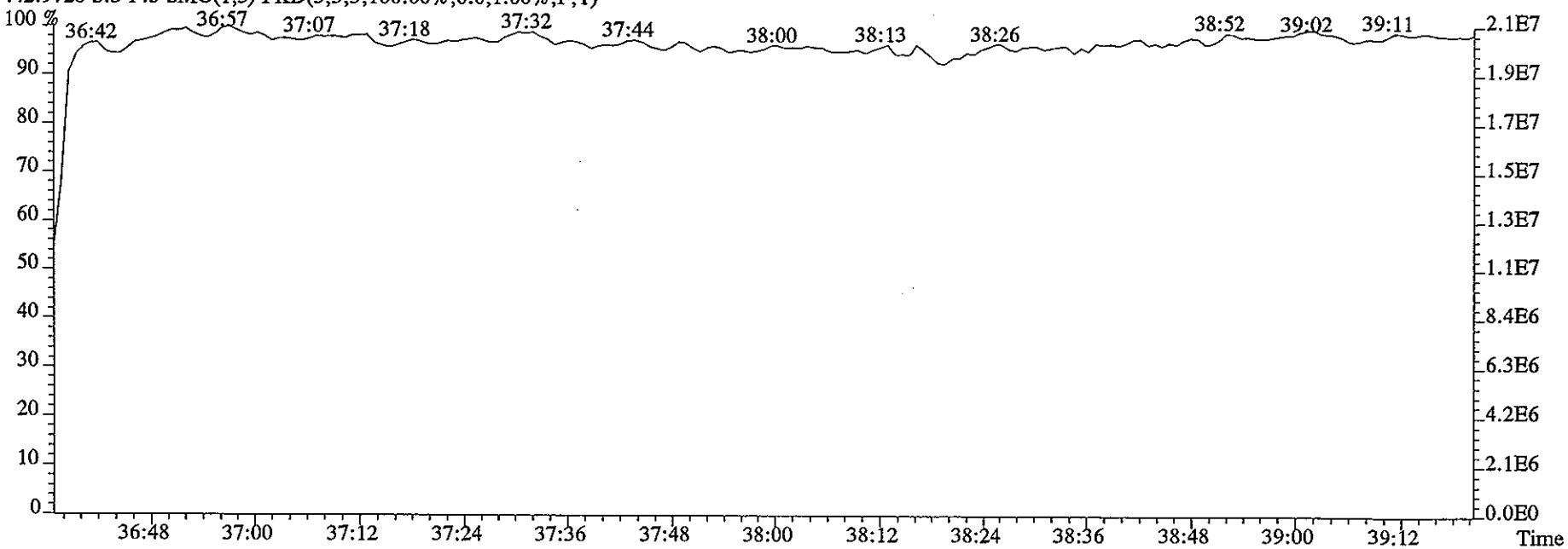
File:29DE058D5 #1-215 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN



File:29DE058D5 #1-197 Acq:29-DEC-2005 18:25:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Text:ST1229B :CS3 2565-41C Exp:DIOXIN
454.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

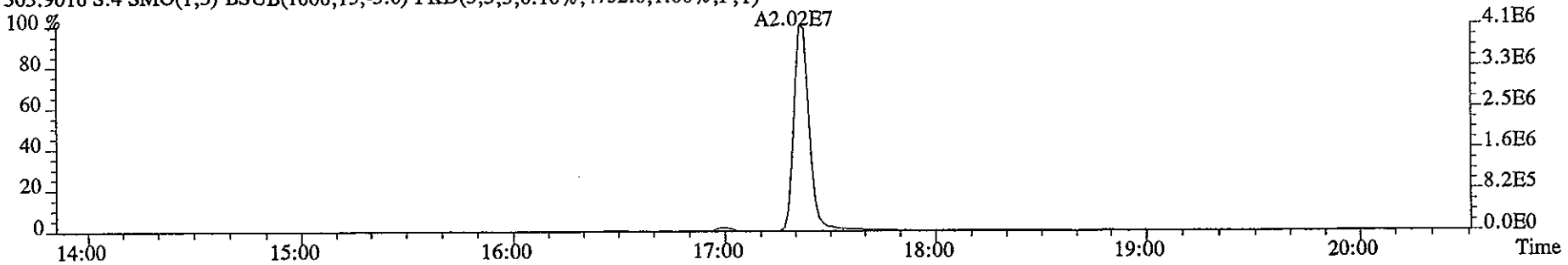


442.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

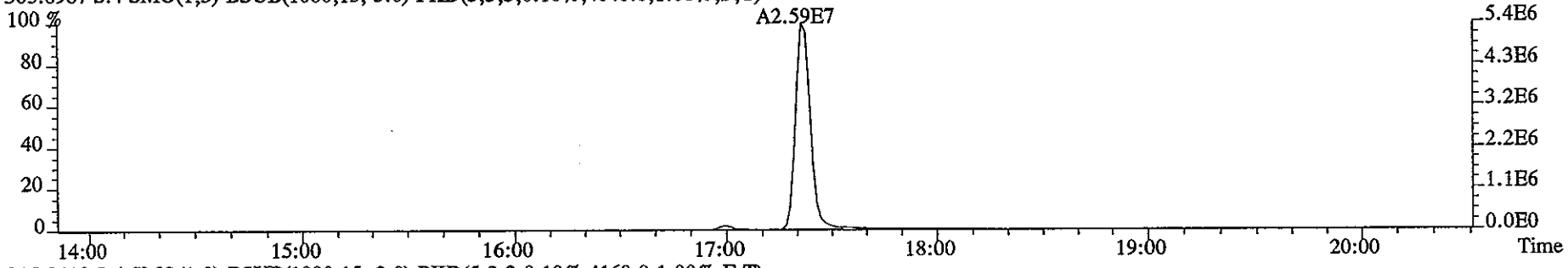


File:29DE058D5 #1-362 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN

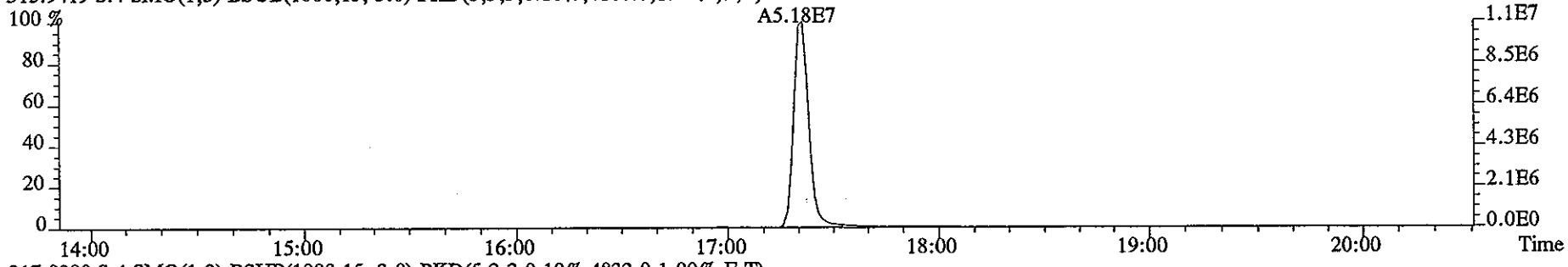
303.9016 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4752.0,1.00%,F,T)



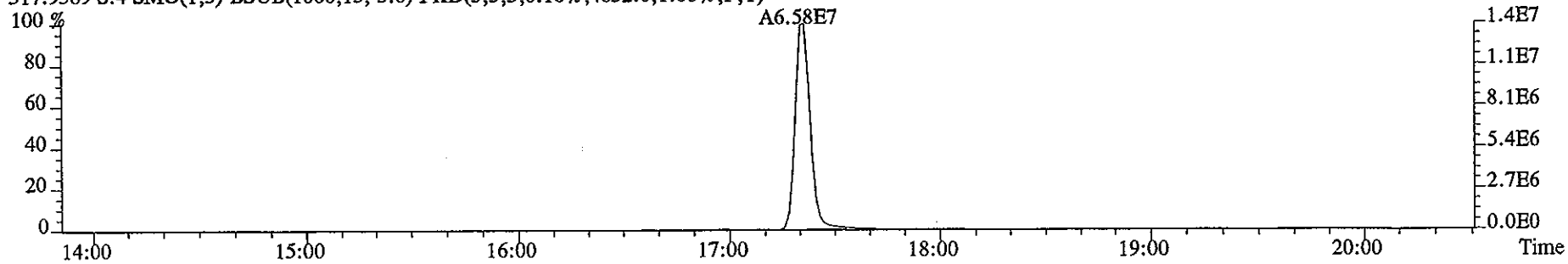
305.8987 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4040.0,1.00%,F,T)



315.9419 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4168.0,1.00%,F,T)

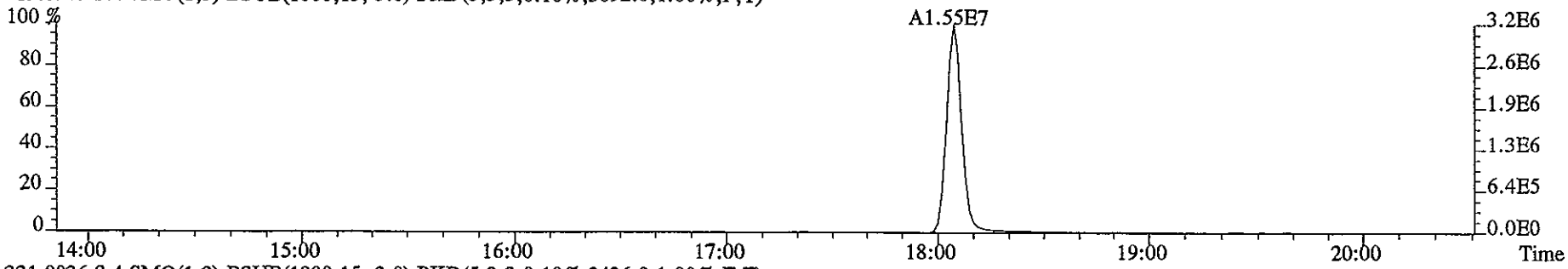


317.9389 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4832.0,1.00%,F,T)

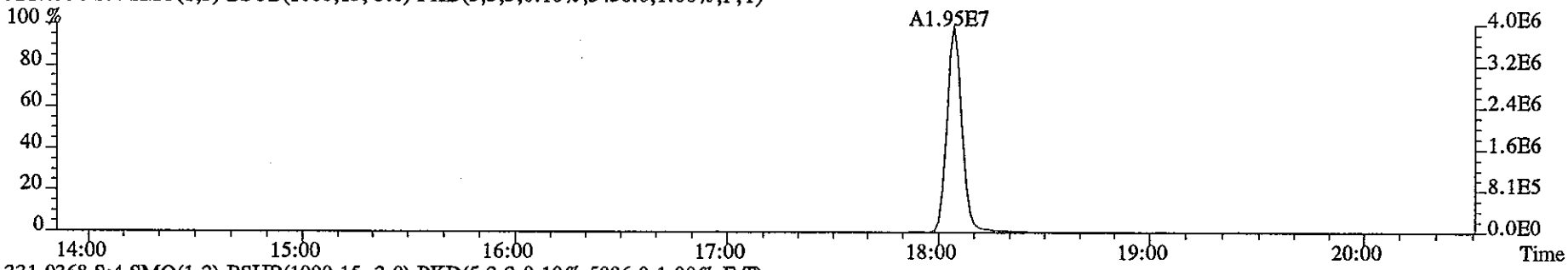


File:29DE058D5 #1-362 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN

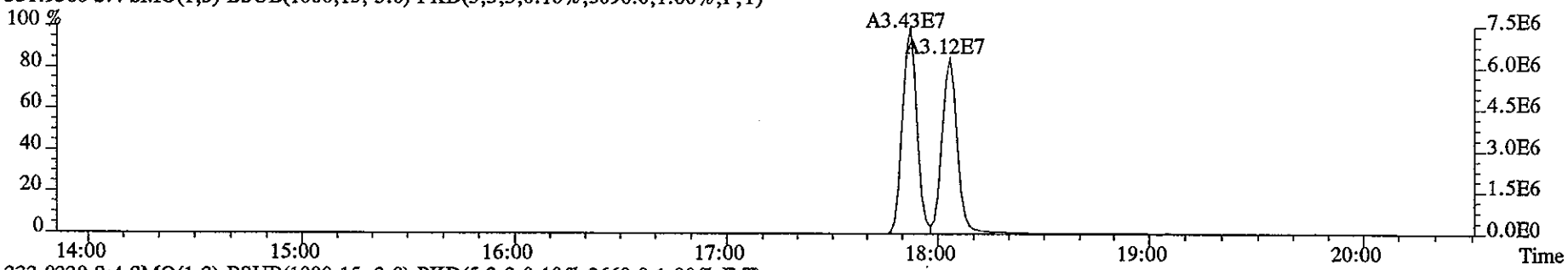
319.8965 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3892.0,1.00%,F,T)



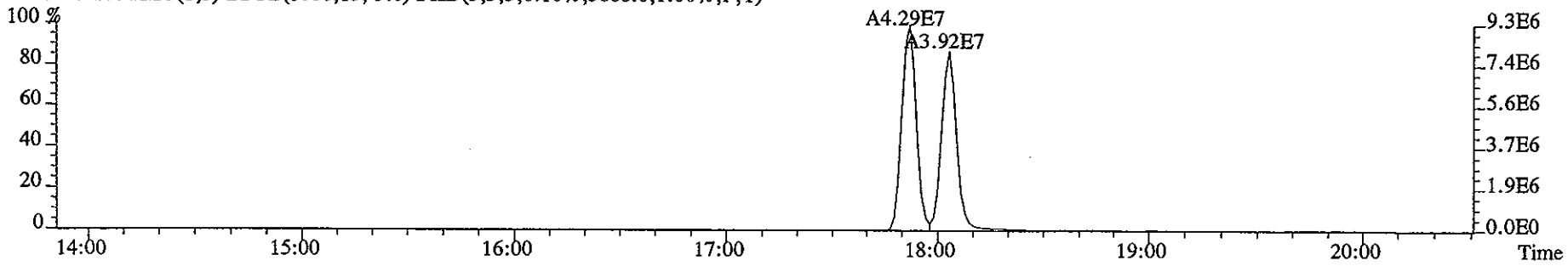
321.8936 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3436.0,1.00%,F,T)



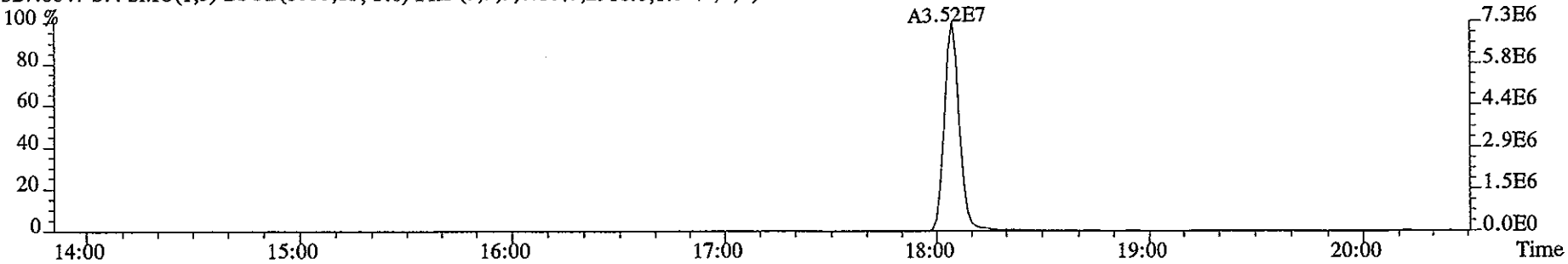
331.9368 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5096.0,1.00%,F,T)



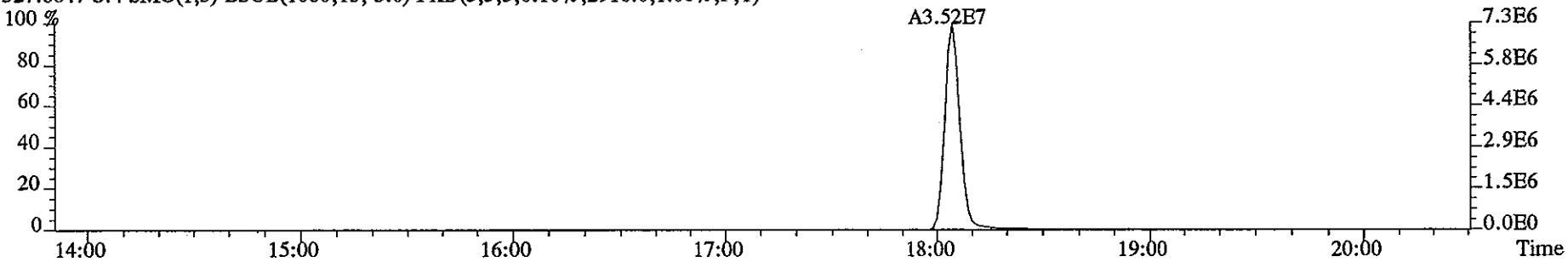
333.9339 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3668.0,1.00%,F,T)



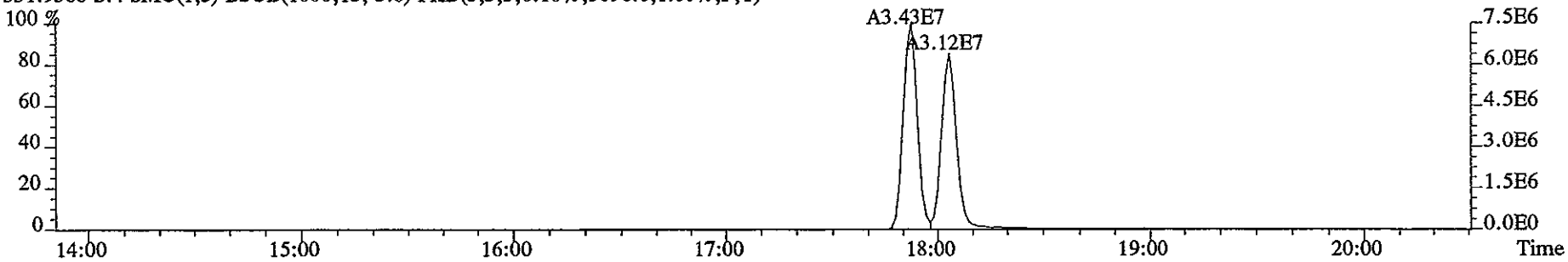
File:29DE058D5 #1-362 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN
327.8847 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2916.0,1.00%,F,T)



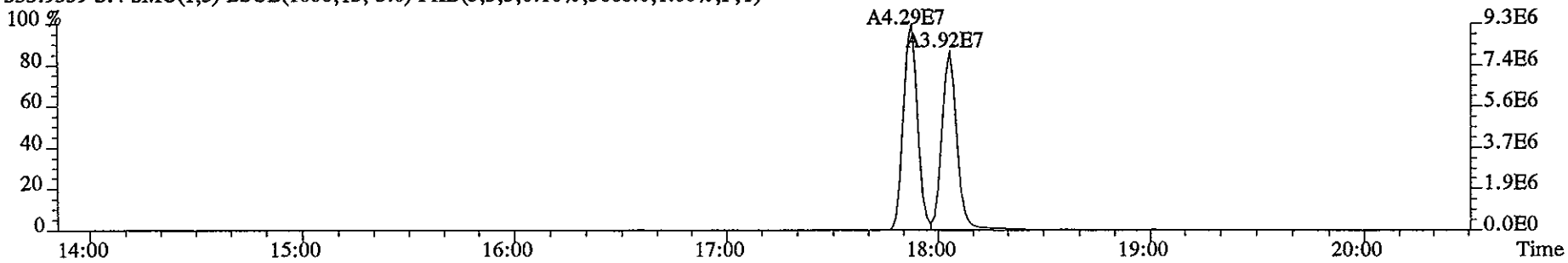
327.8847 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2916.0,1.00%,F,T)



331.9368 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5096.0,1.00%,F,T)

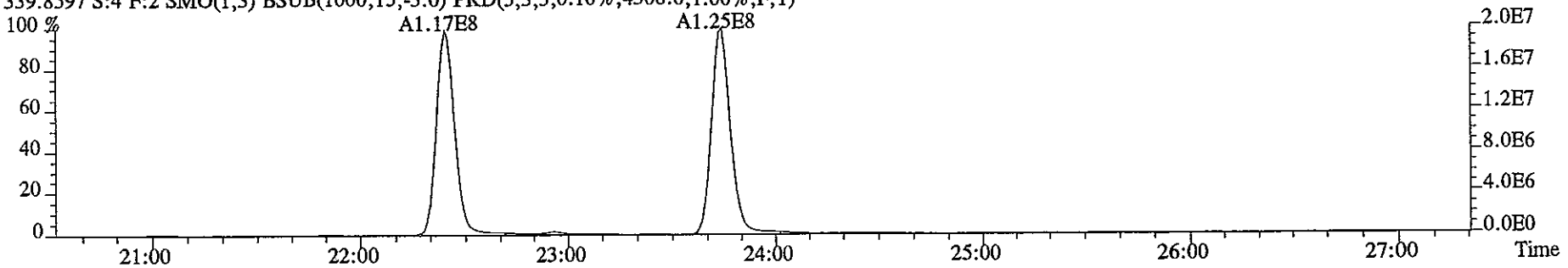


333.9339 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3668.0,1.00%,F,T)

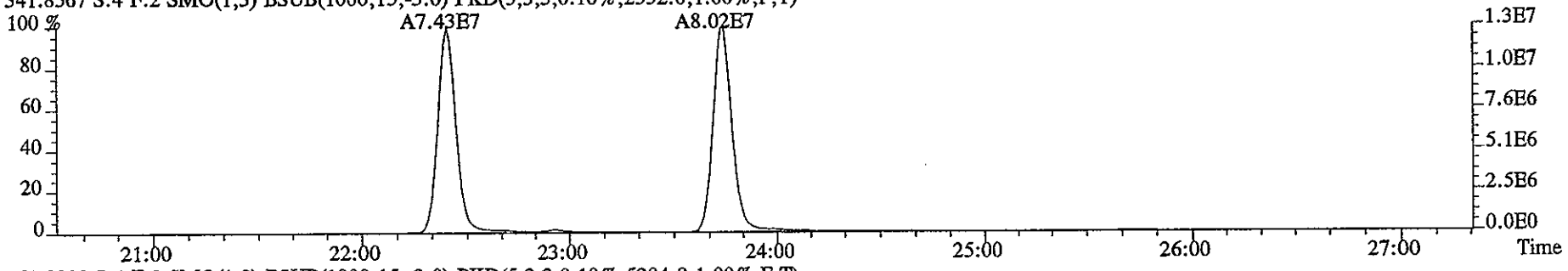


File:29DE058D5 #1-479 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN

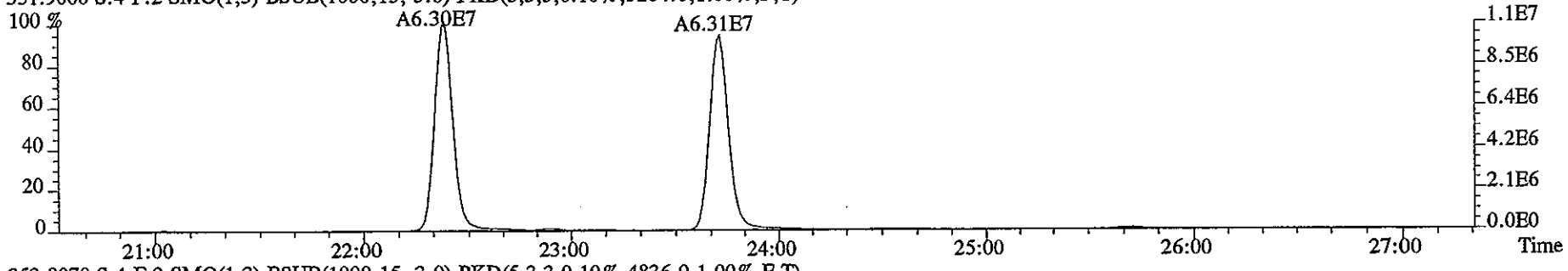
339.8597 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4308.0,1.00%,F,T)



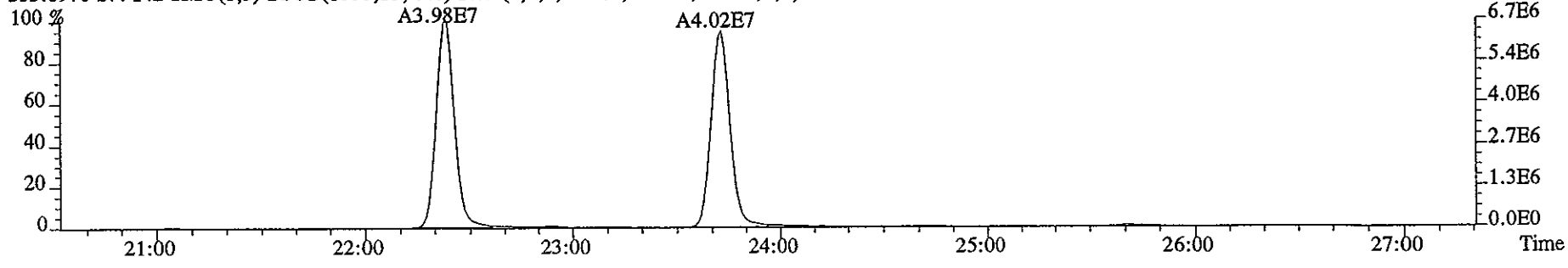
341.8567 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2552.0,1.00%,F,T)



351.9000 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5204.0,1.00%,F,T)

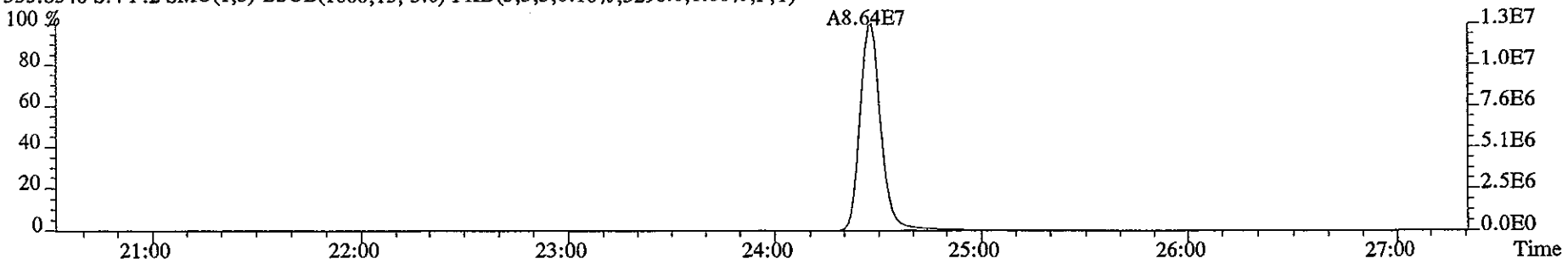


353.8970 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4836.0,1.00%,F,T)

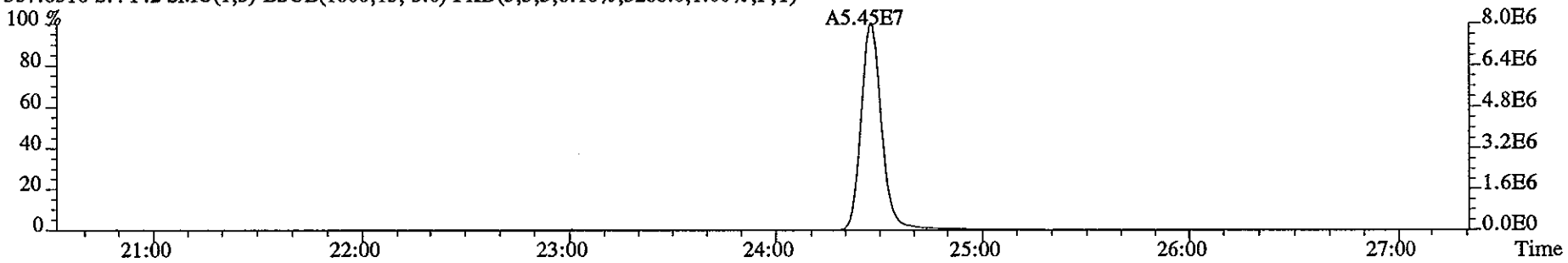


File:29DE058D5 #1-479 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN

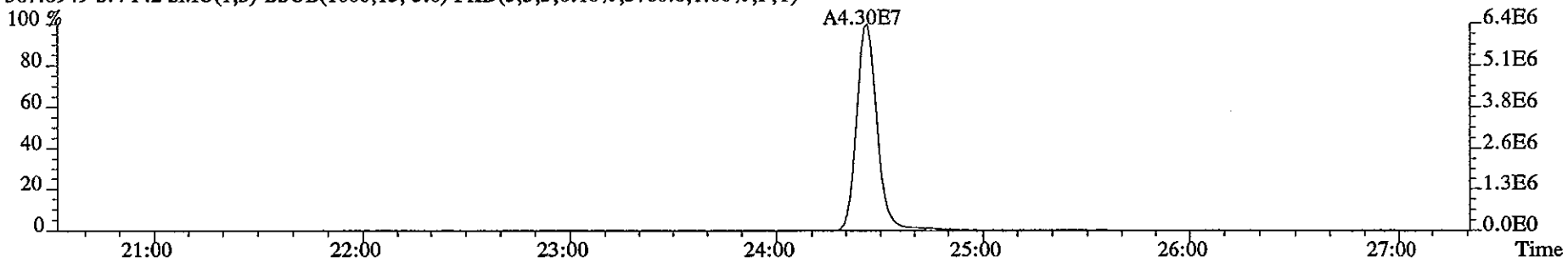
355.8546 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3296.0,1.00%,F,T)



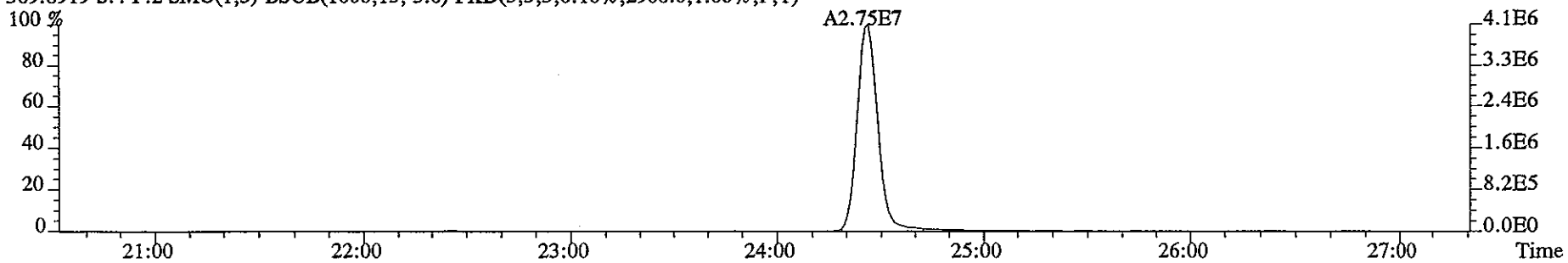
357.8516 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3288.0,1.00%,F,T)



367.8949 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3780.0,1.00%,F,T)

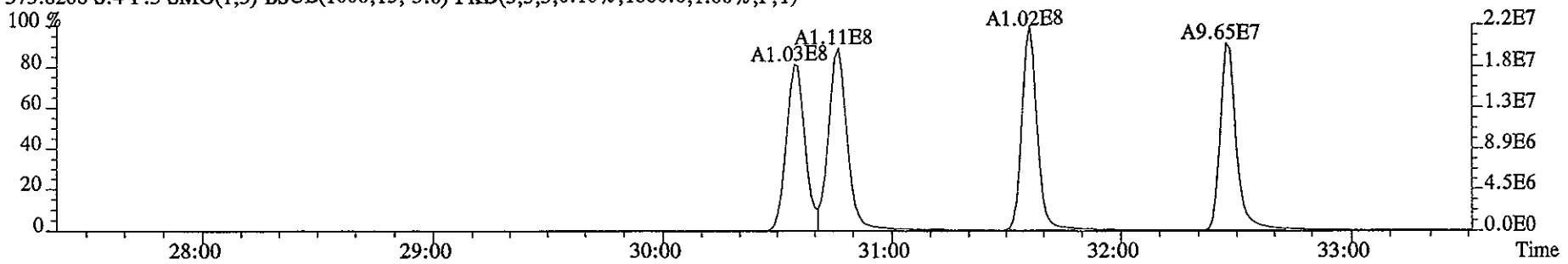


369.8919 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2908.0,1.00%,F,T)

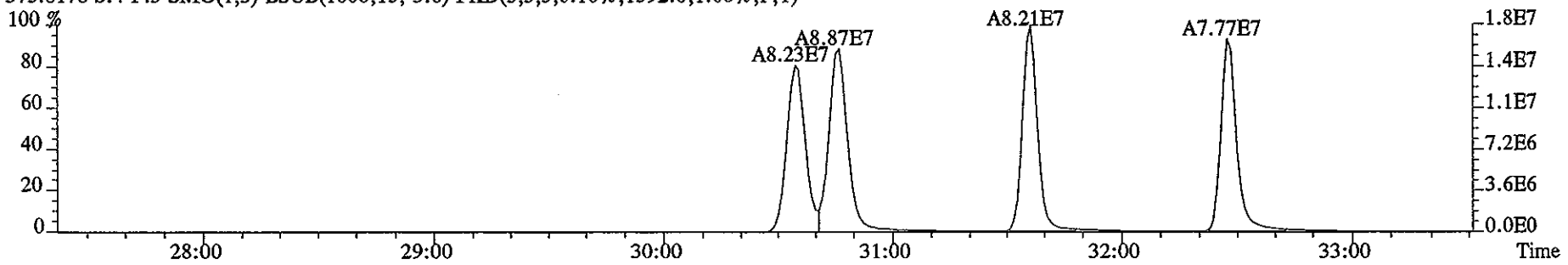


File:29DE058D5 #1-413 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN

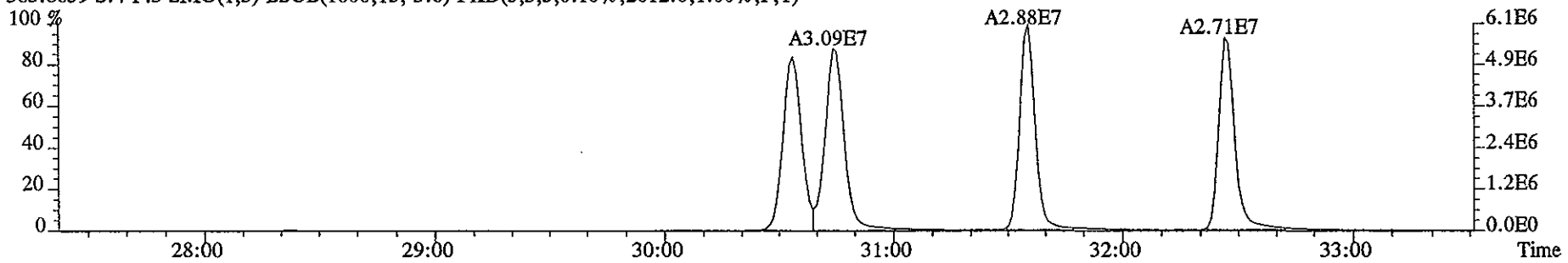
373.8208 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1880.0,1.00%,F,T)



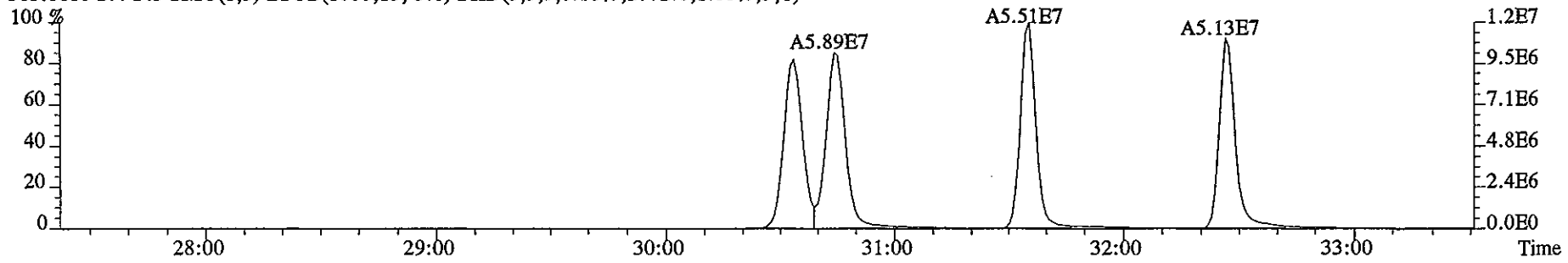
375.8178 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1592.0,1.00%,F,T)



383.8639 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2612.0,1.00%,F,T)

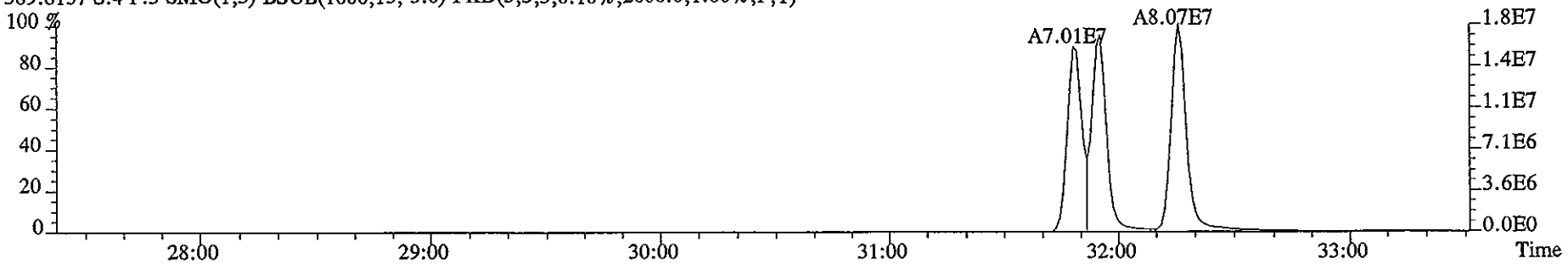


385.8610 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2772.0,1.00%,F,T)

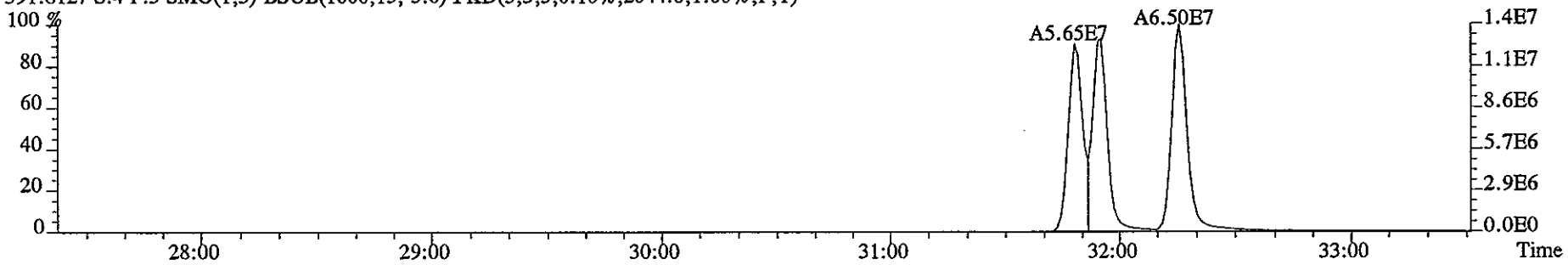


File:29DE058D5 #1-413 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN

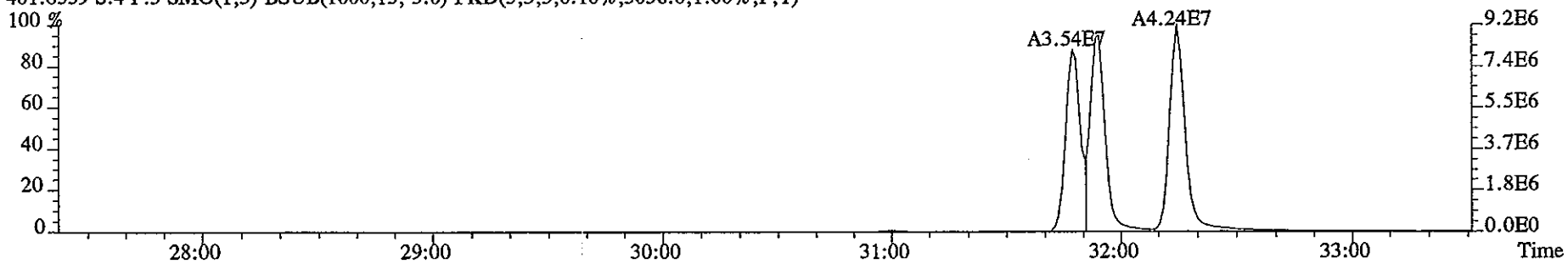
389.8157 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2600.0,1.00%,F,T)



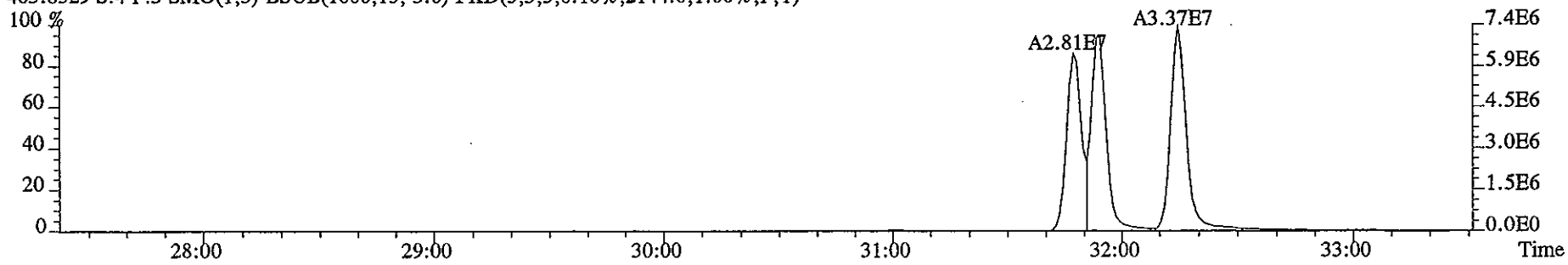
391.8127 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2044.0,1.00%,F,T)



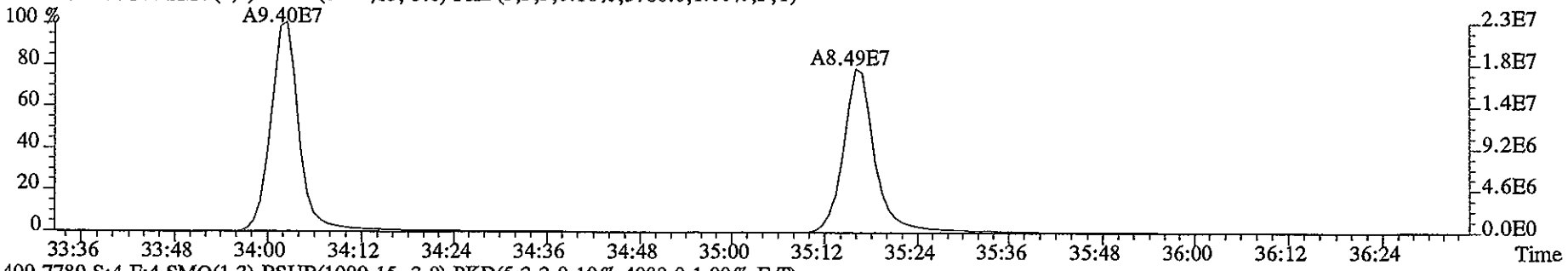
401.8559 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3036.0,1.00%,F,T)

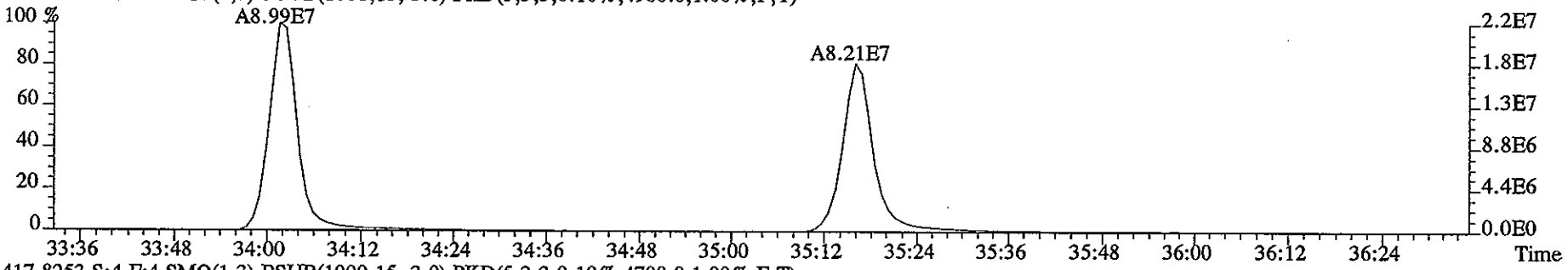


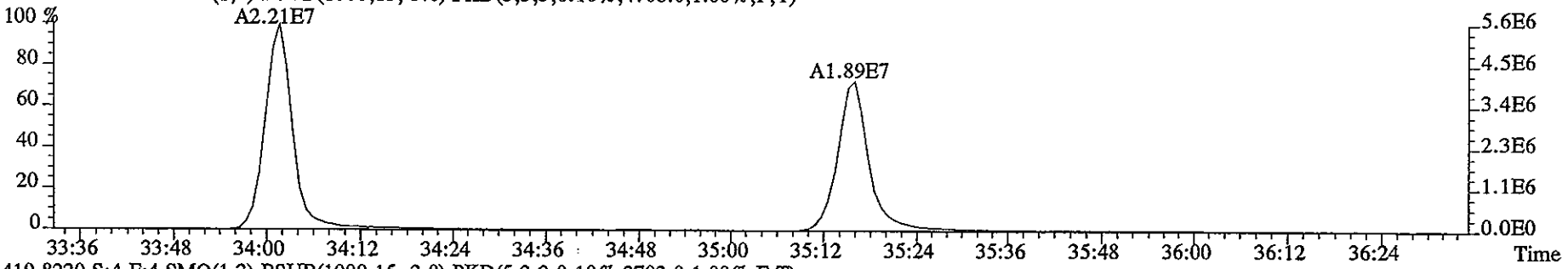
403.8529 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2144.0,1.00%,F,T)

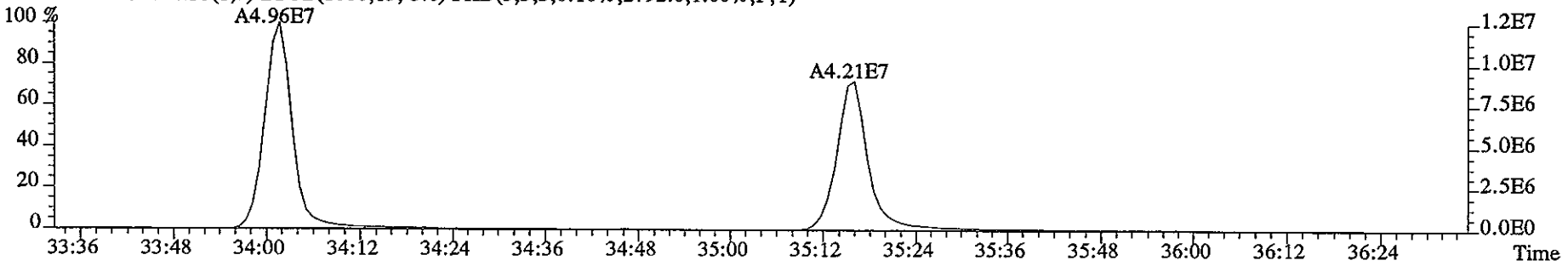


File:29DE058D5 #1-215 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN



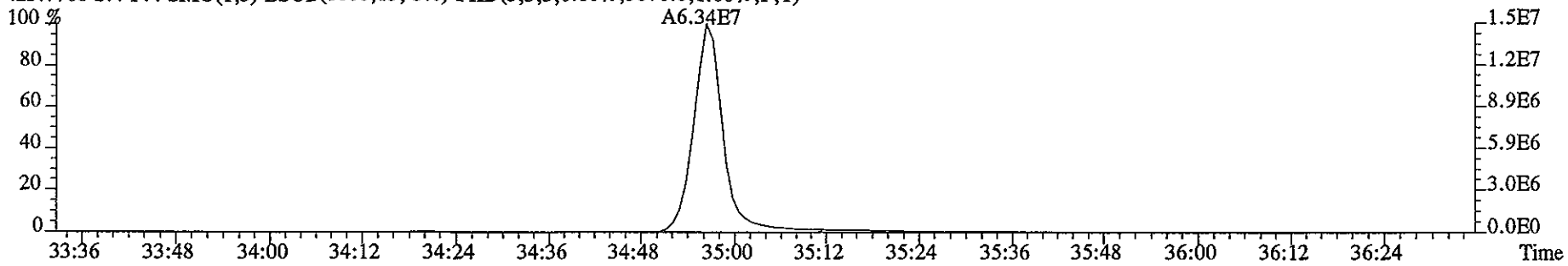




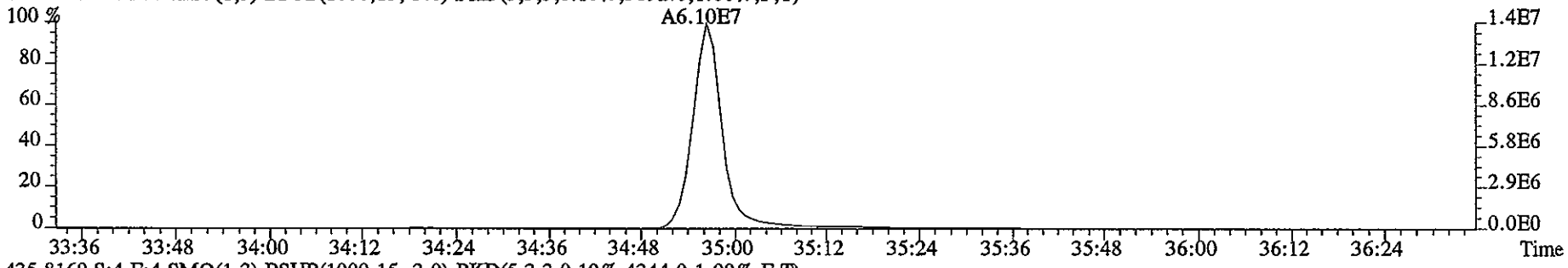


File:29DE058D5 #1-215 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN

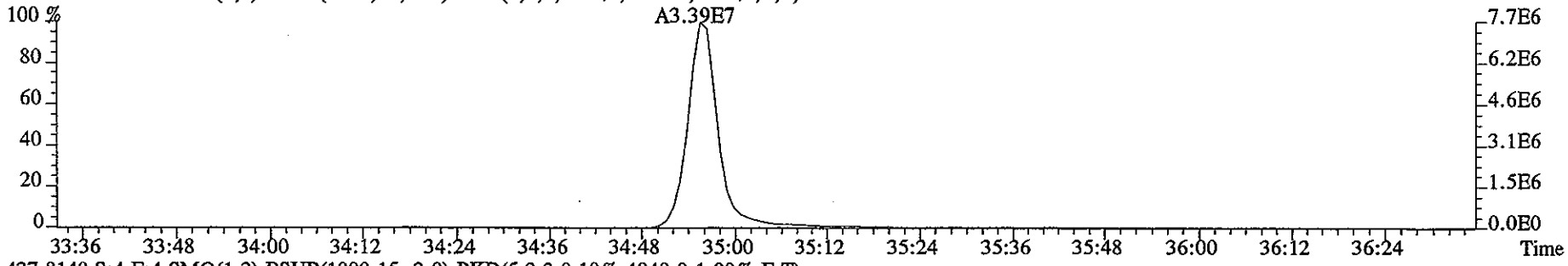
423.7766 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5076.0,1.00%,F,T)



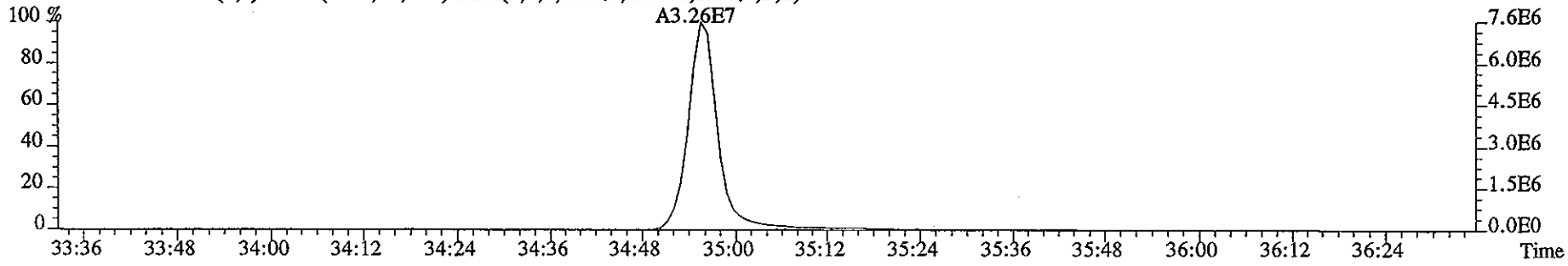
425.7737 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3892.0,1.00%,F,T)



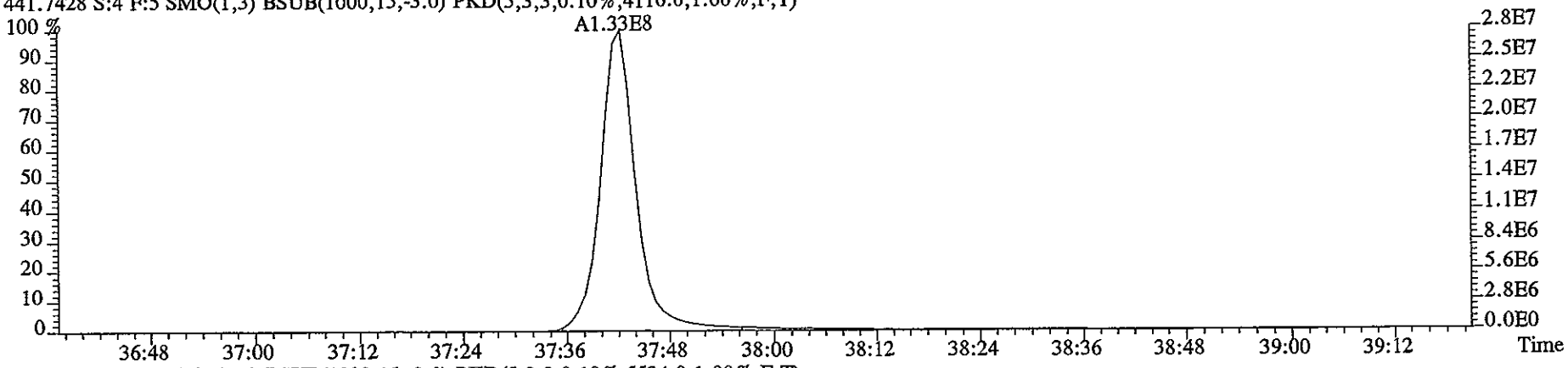
435.8169 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4344.0,1.00%,F,T)



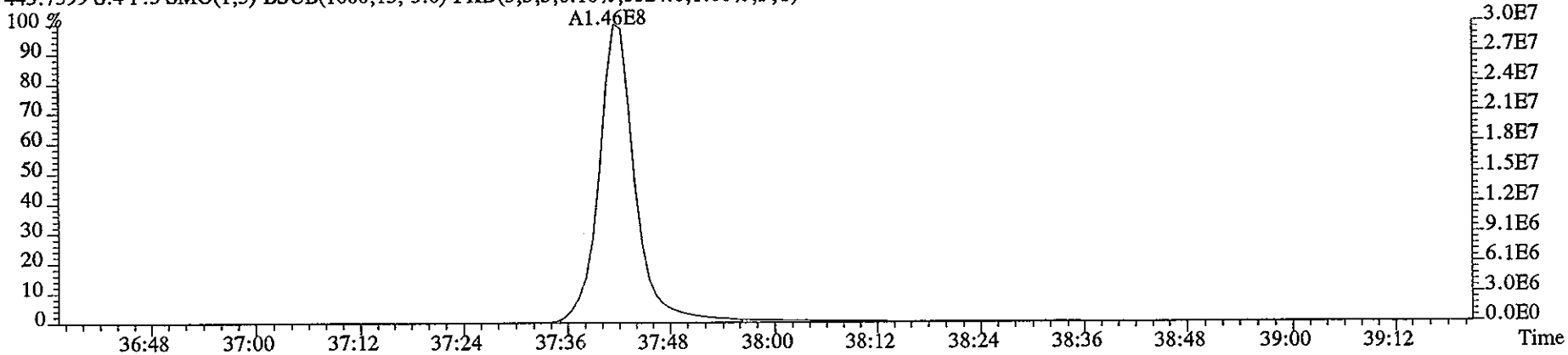
437.8140 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4948.0,1.00%,F,T)



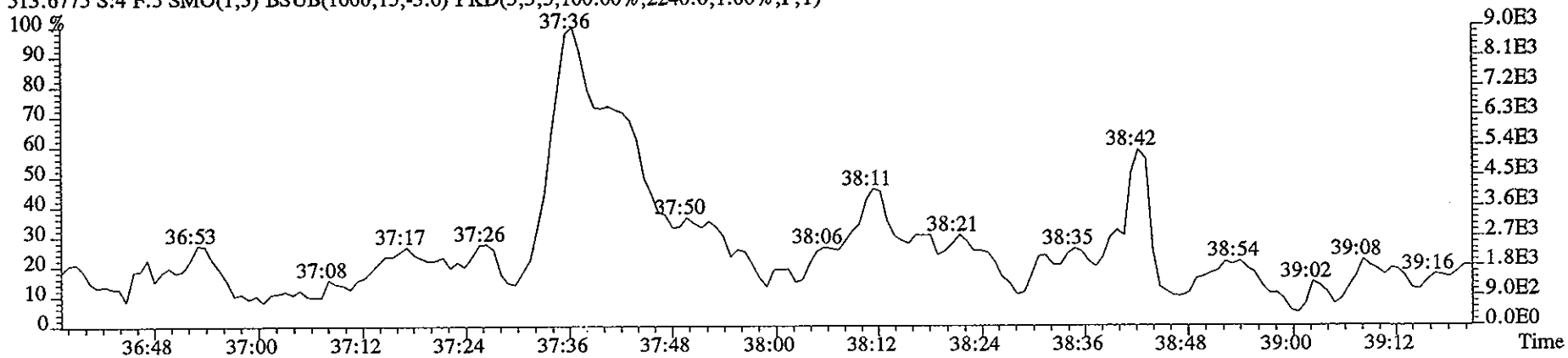
File:29DE058D5 #1-197 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN
441.7428 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4116.0,1.00%,F,T)



443.7399 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5524.0,1.00%,F,T)

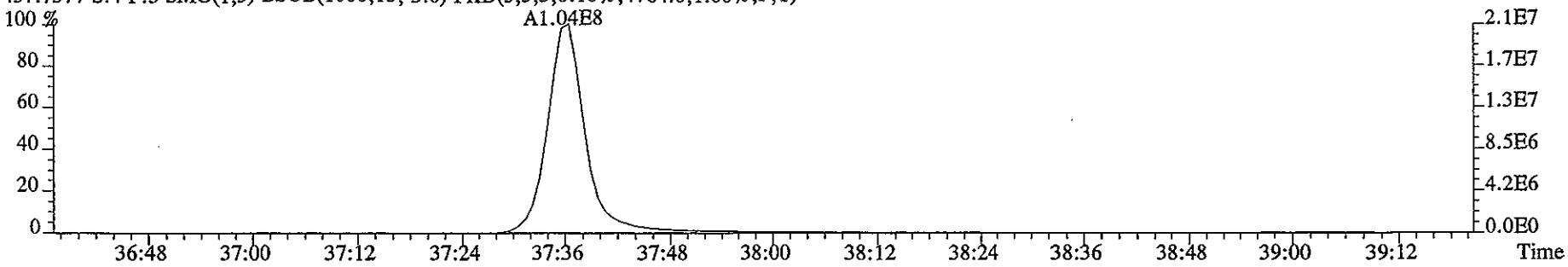


513.6775 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2240.0,1.00%,F,T)

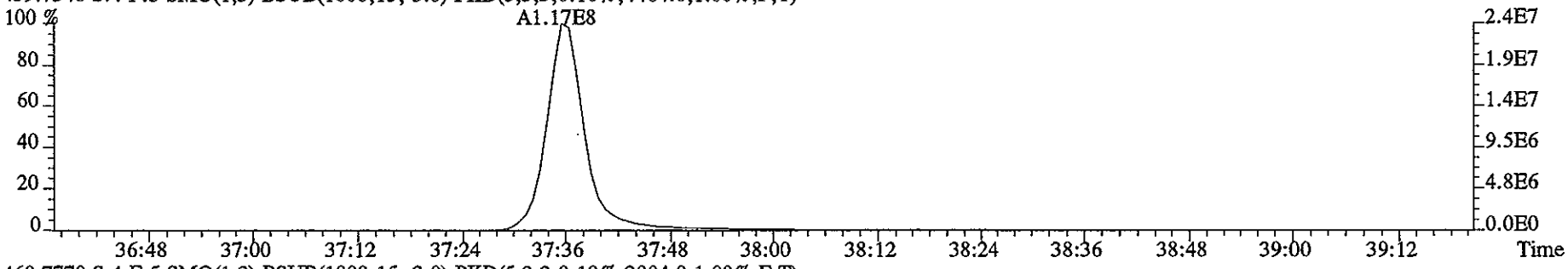


File:29DE058D5 #1-197 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN

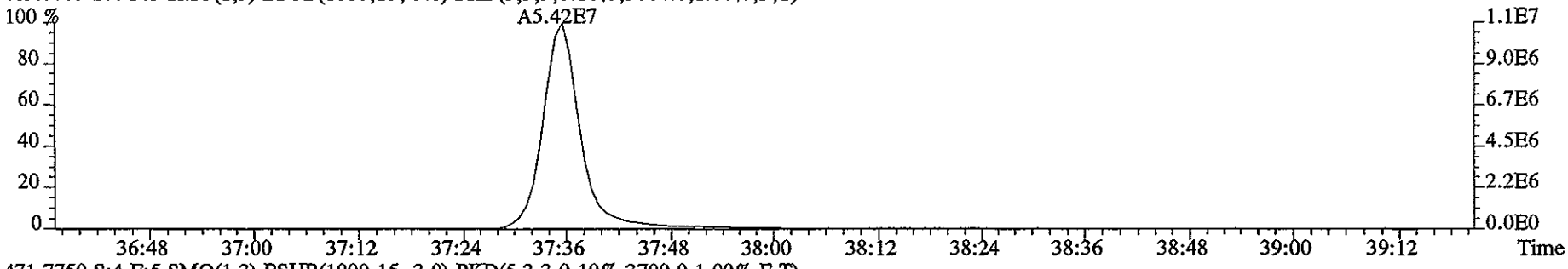
457.7377 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4764.0,1.00%,F,T)



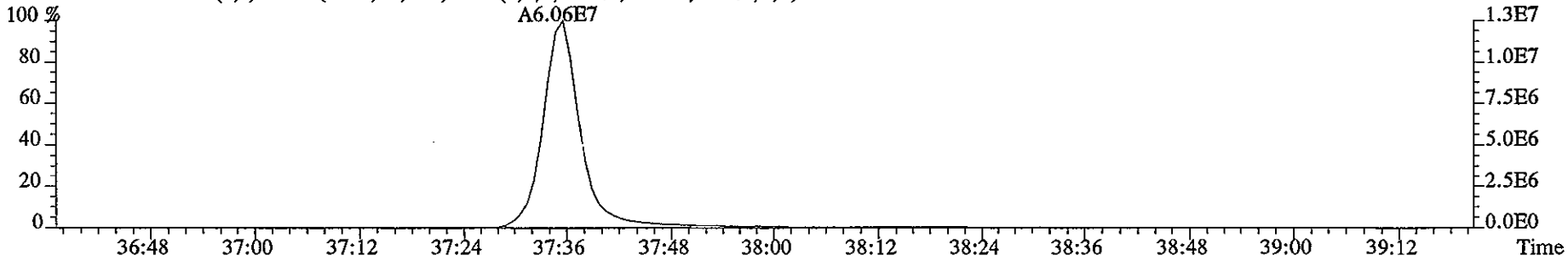
459.7348 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4464.0,1.00%,F,T)



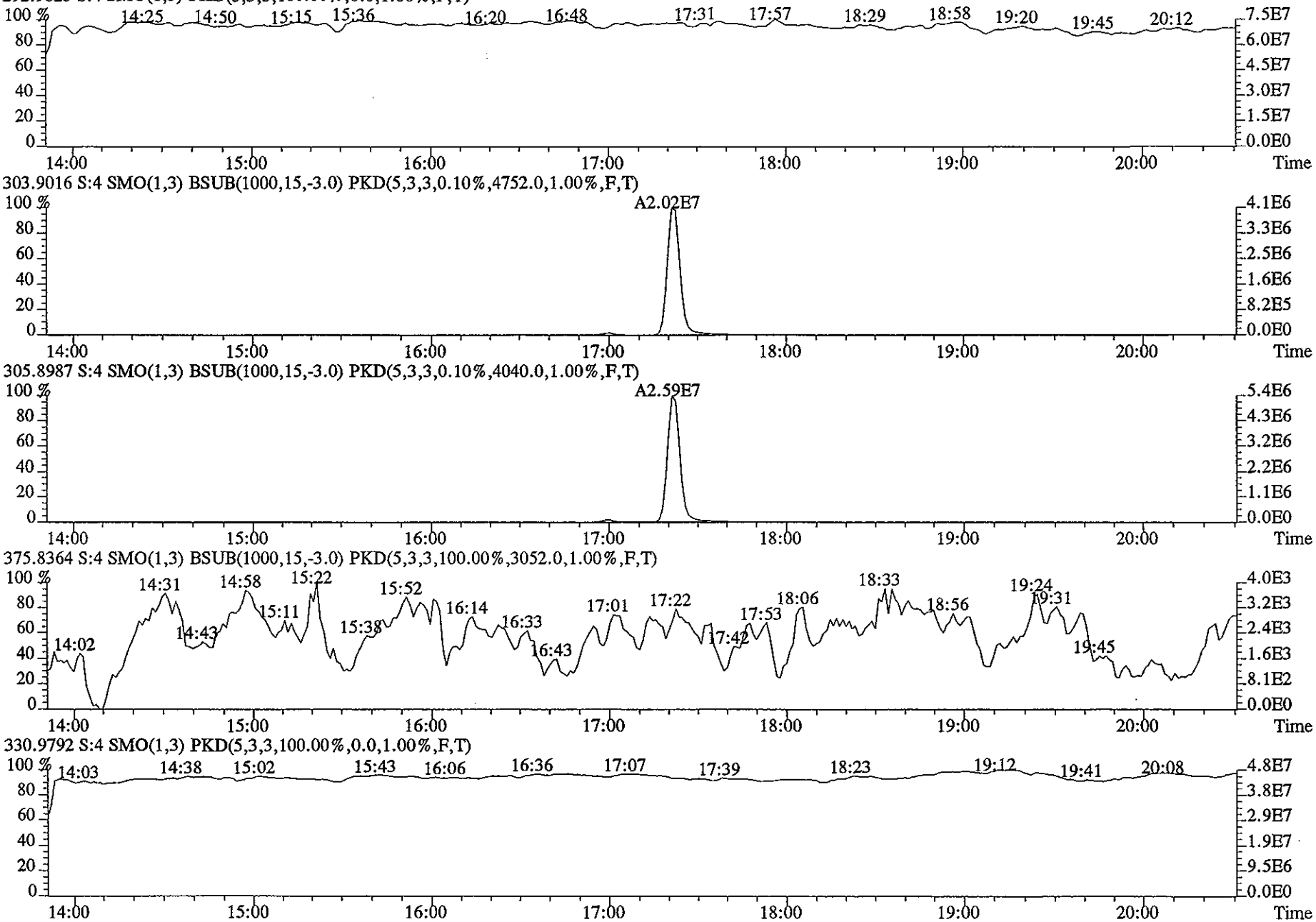
469.7779 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3004.0,1.00%,F,T)



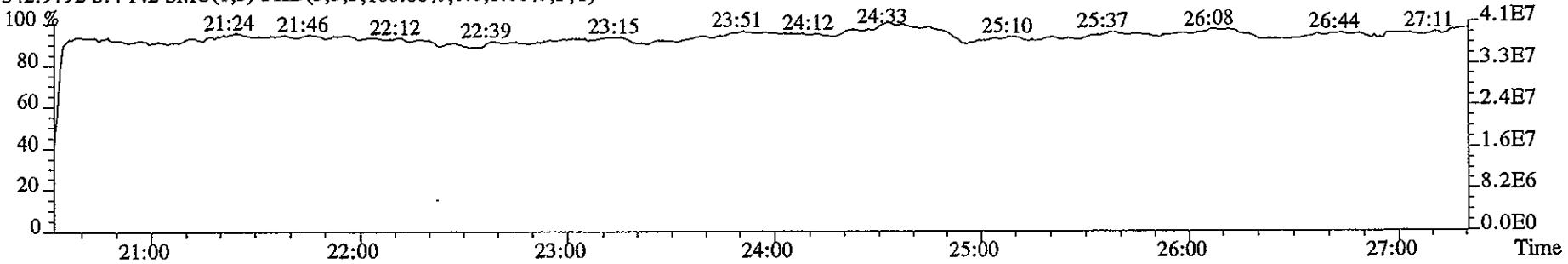
471.7750 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3700.0,1.00%,F,T)



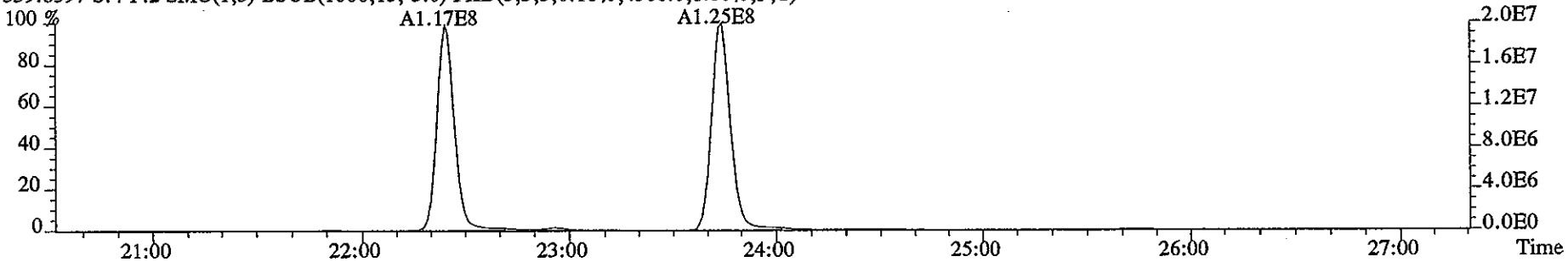
File:29DE058D5 #1-362 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN



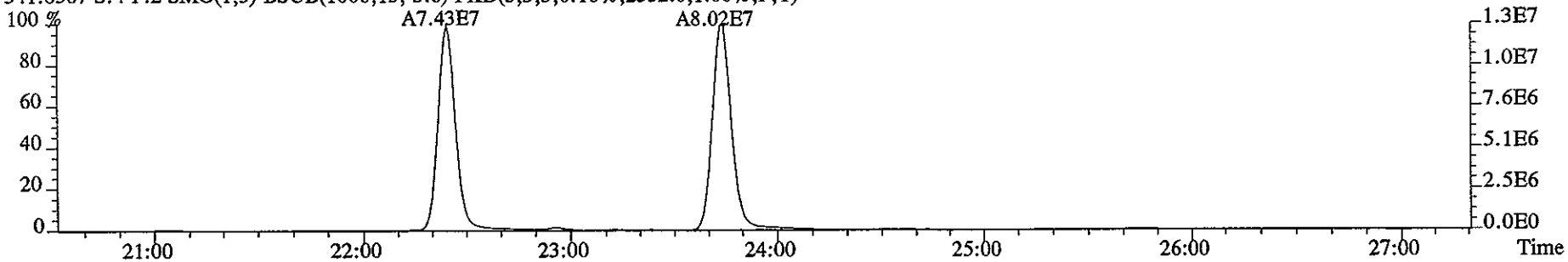
File:29DE058D5 #1-479 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN
342.9792 S:4 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



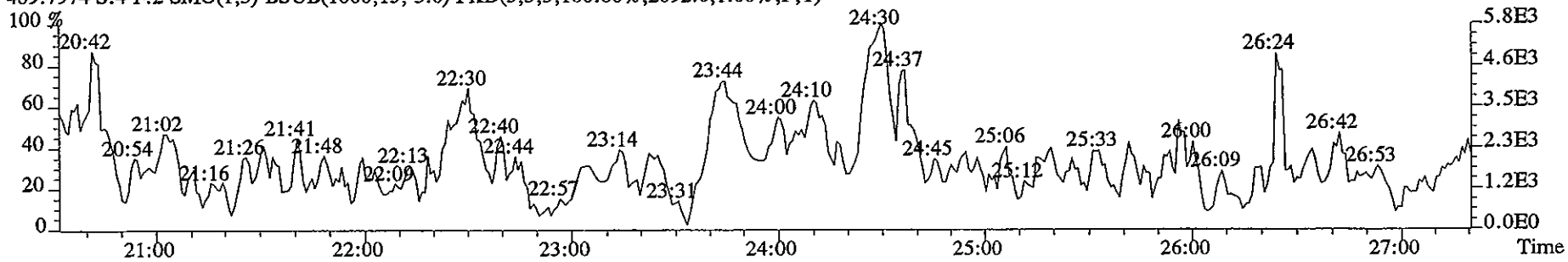
339.8597 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4308.0,1.00%,F,T)



341.8567 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2552.0,1.00%,F,T)

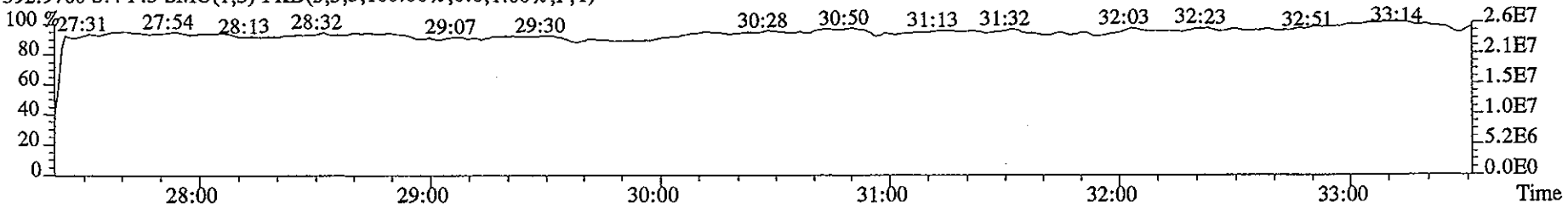


409.7974 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2092.0,1.00%,F,T)

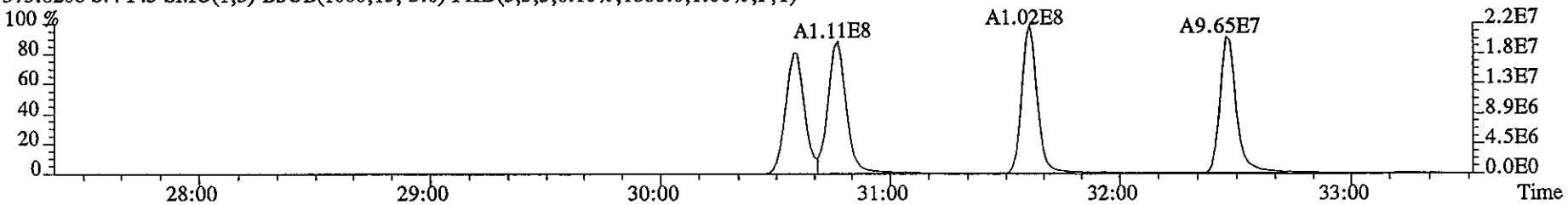


File:29DE058D5 #1-413 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN

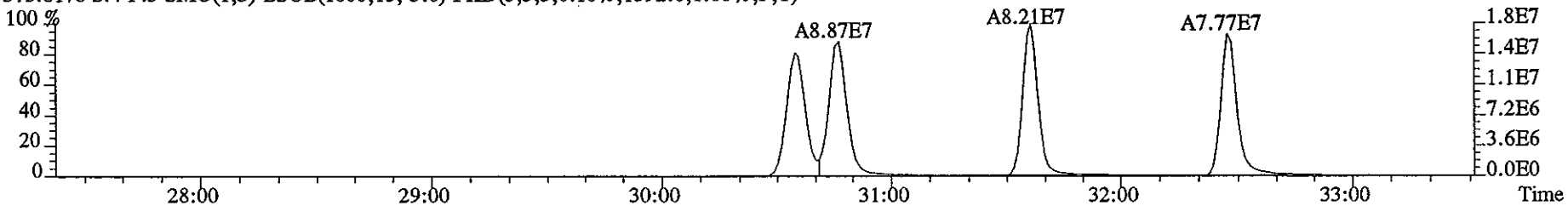
392.9760 S:4 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



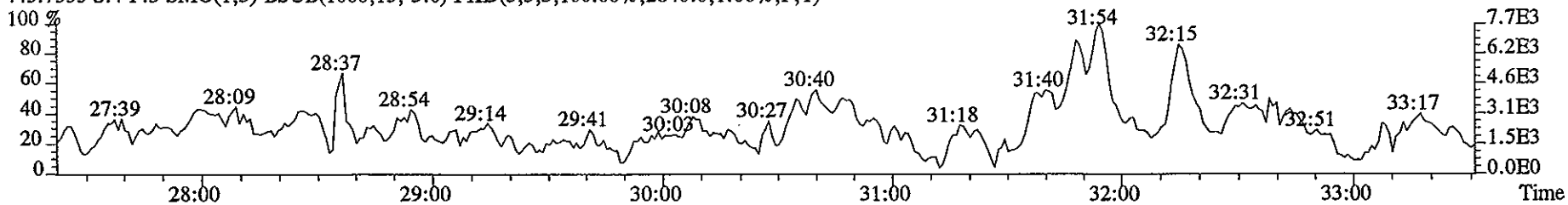
373.8208 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1880.0,1.00%,F,T)



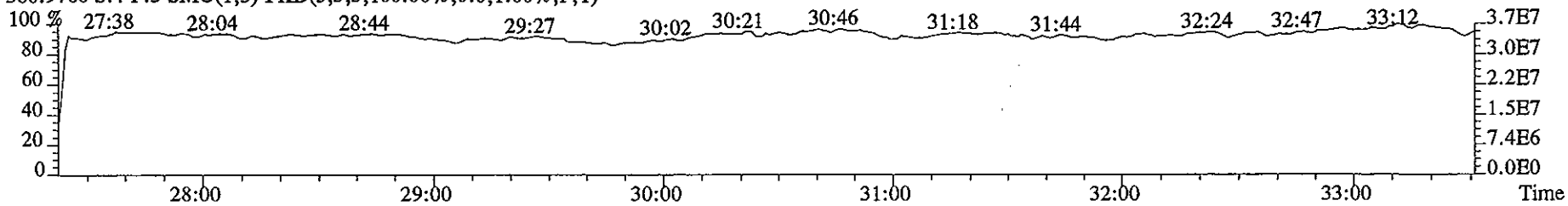
375.8178 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1592.0,1.00%,F,T)



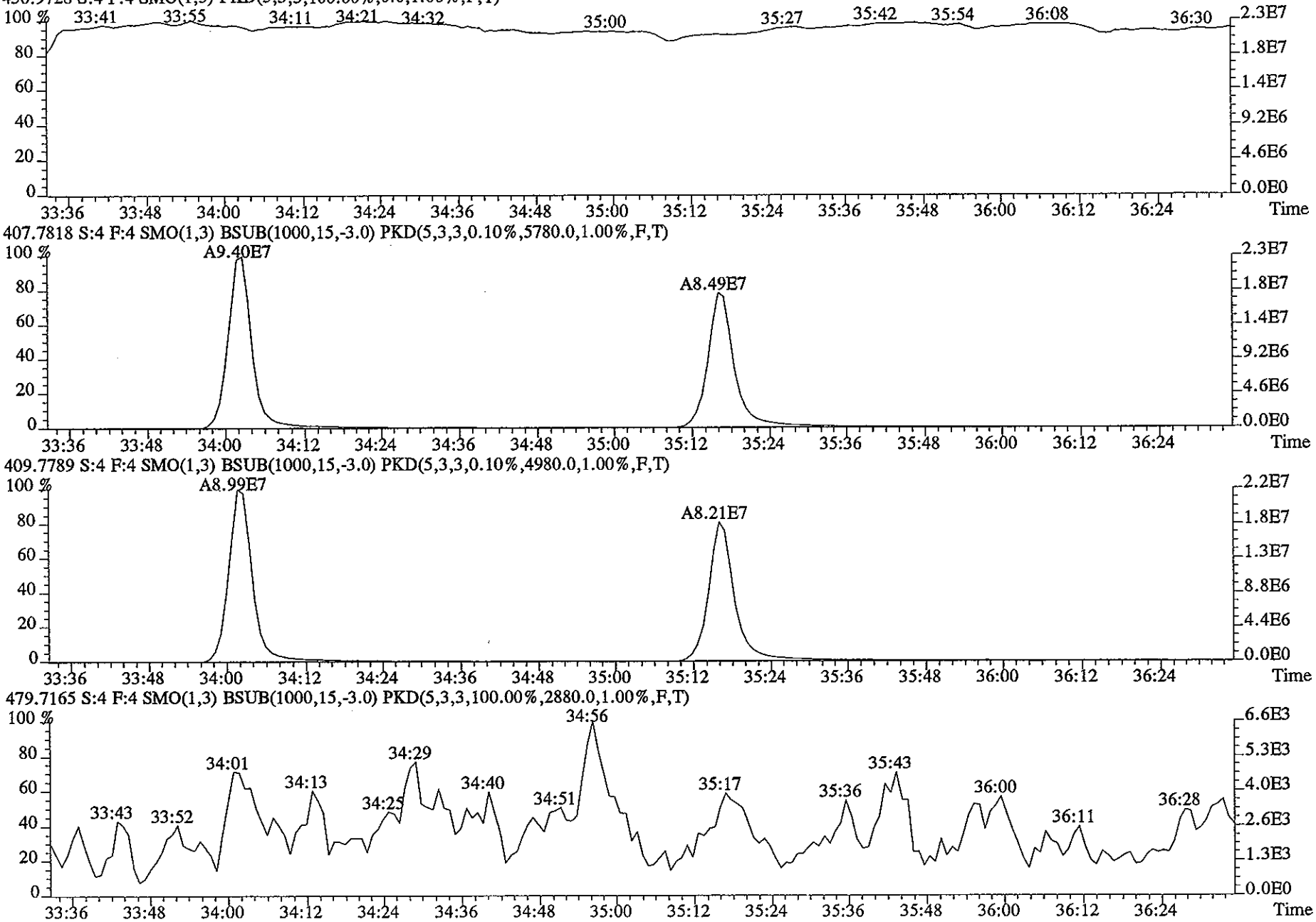
445.7555 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2840.0,1.00%,F,T)



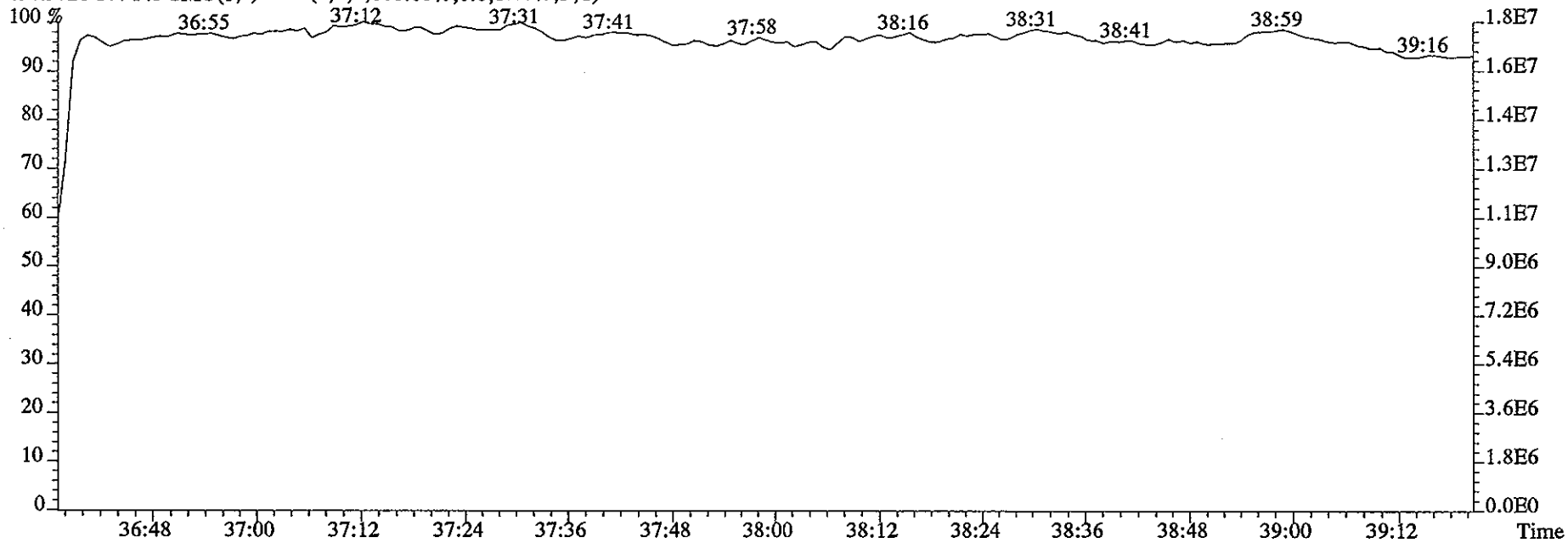
380.9760 S:4 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



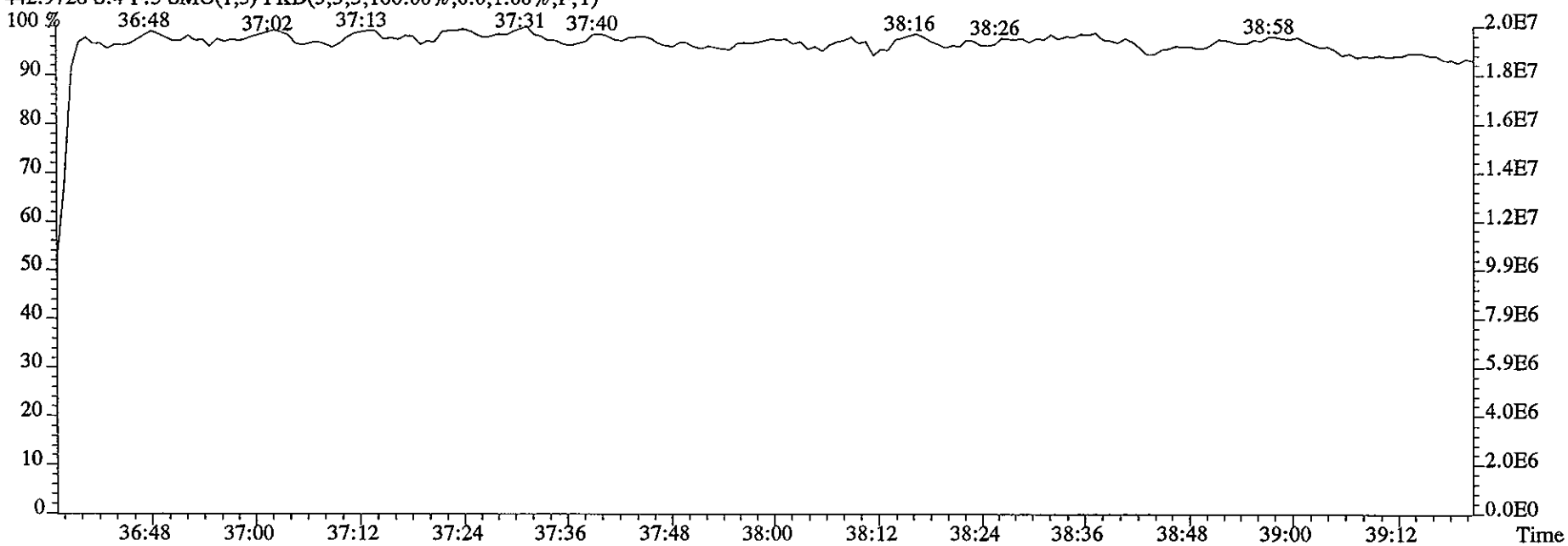
File:29DE058D5 #1-215 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN



File:29DE058D5 #1-197 Acq:29-DEC-2005 19:06:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 Text:ST1229C :CS4 2565-41D Exp:DIOXIN
454.9728 S:4 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

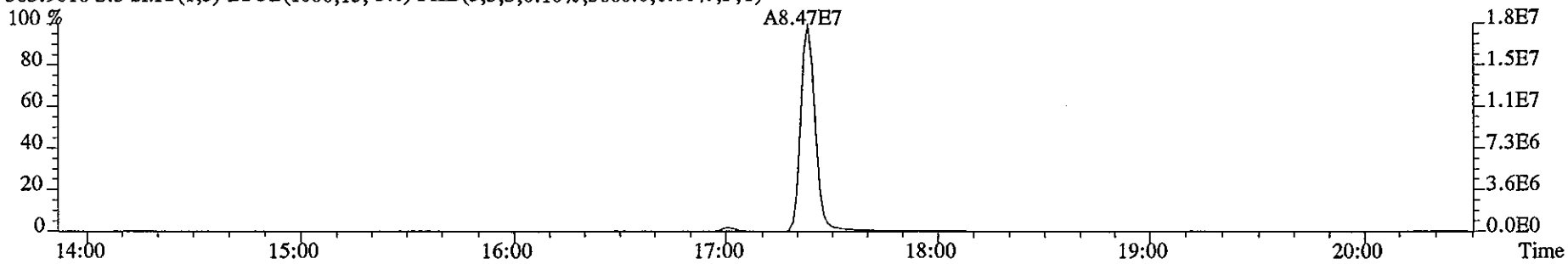


442.9728 S:4 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

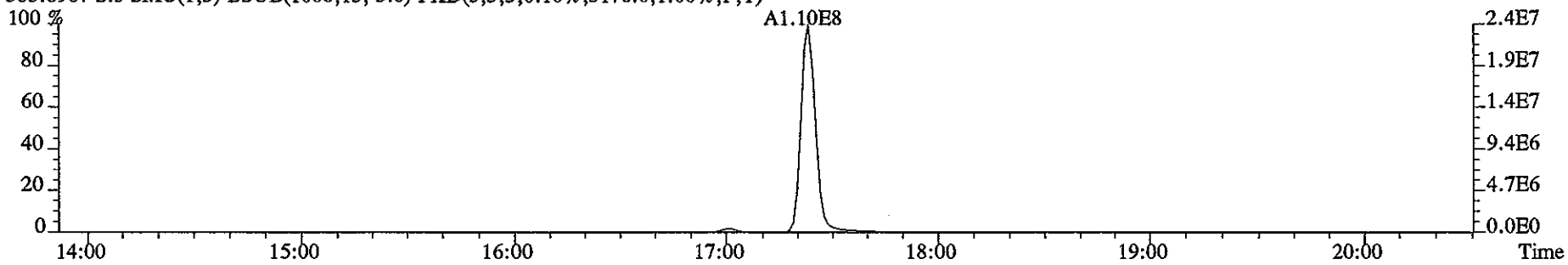


File:29DE058D5 #1-361 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN

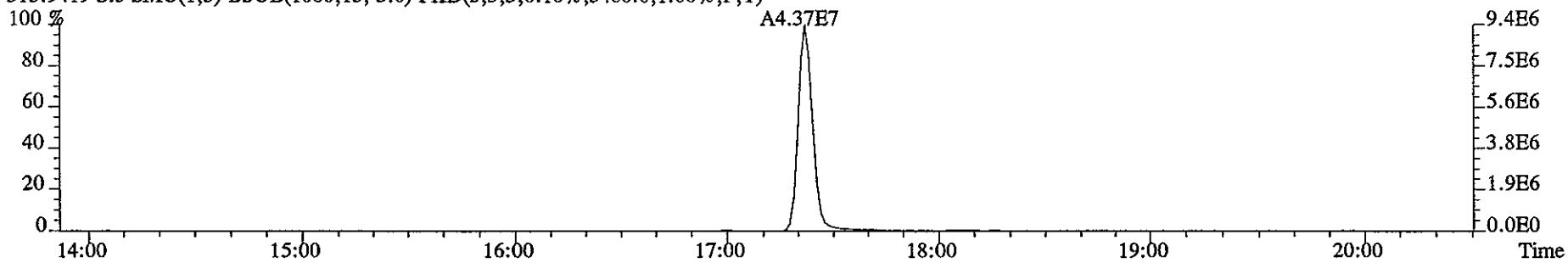
303.9016 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3660.0,1.00%,F,T)



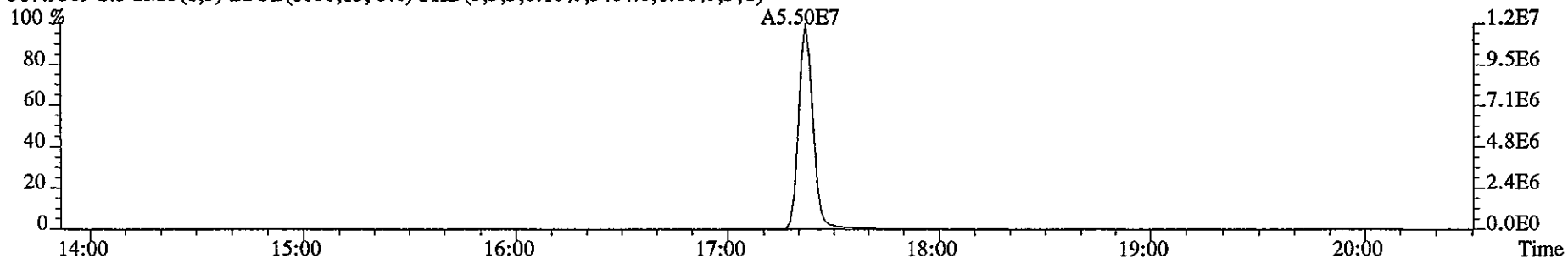
305.8987 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3176.0,1.00%,F,T)



315.9419 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3480.0,1.00%,F,T)

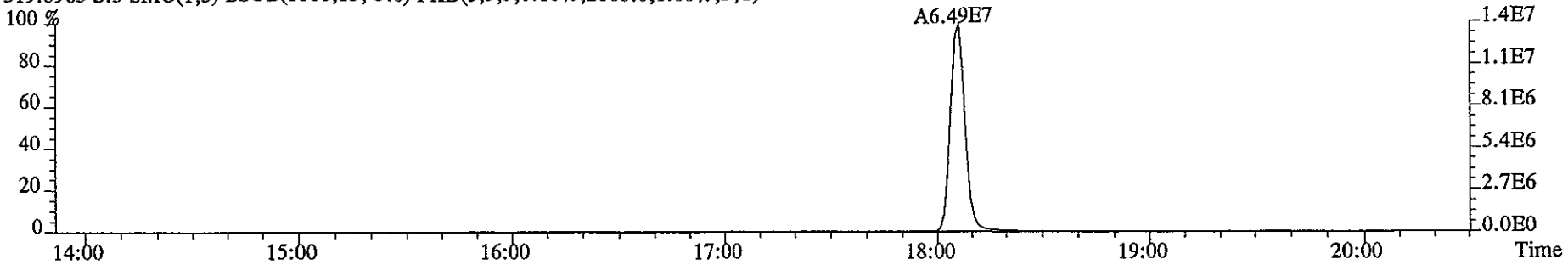


317.9389 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3484.0,1.00%,F,T)

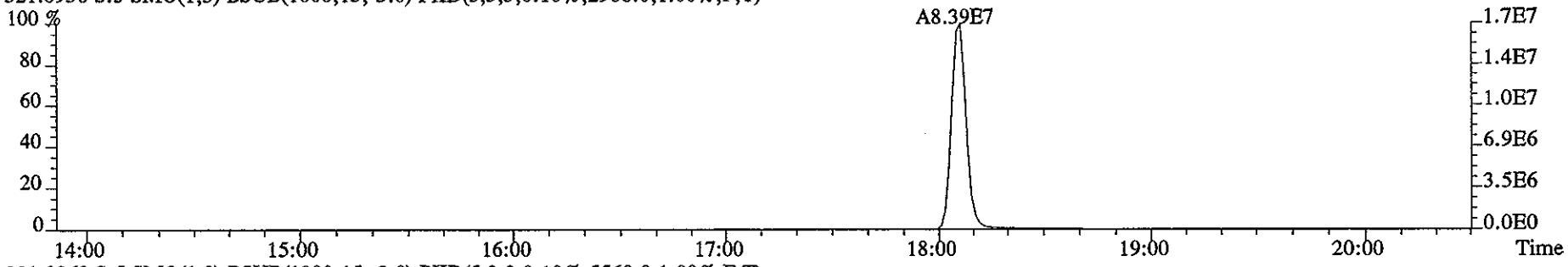


File:29DE058D5 #1-361 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN

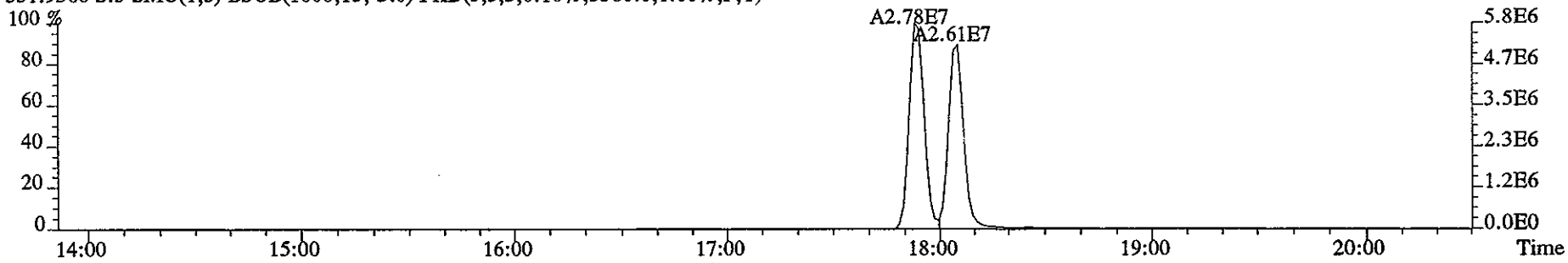
319.8965 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2868.0,1.00%,F,T)



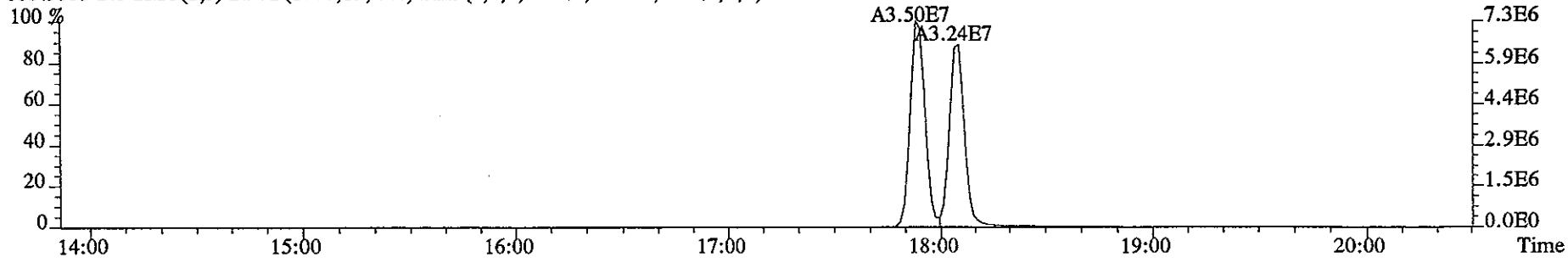
321.8936 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2908.0,1.00%,F,T)



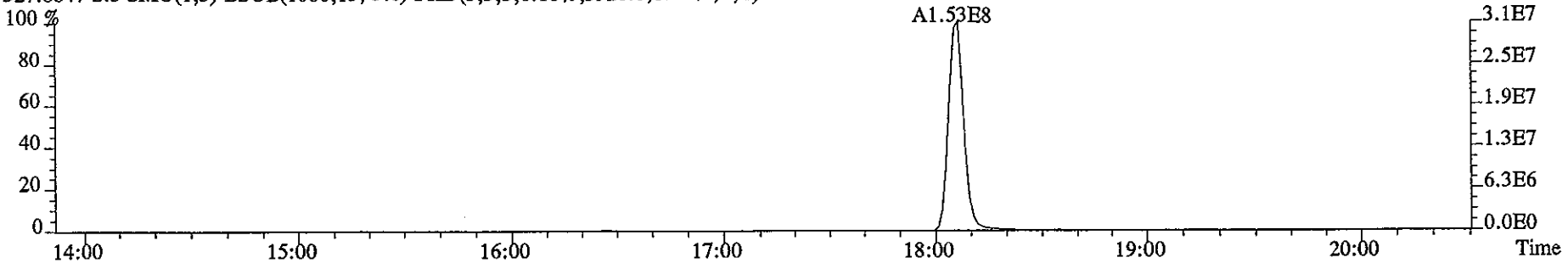
331.9368 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5560.0,1.00%,F,T)



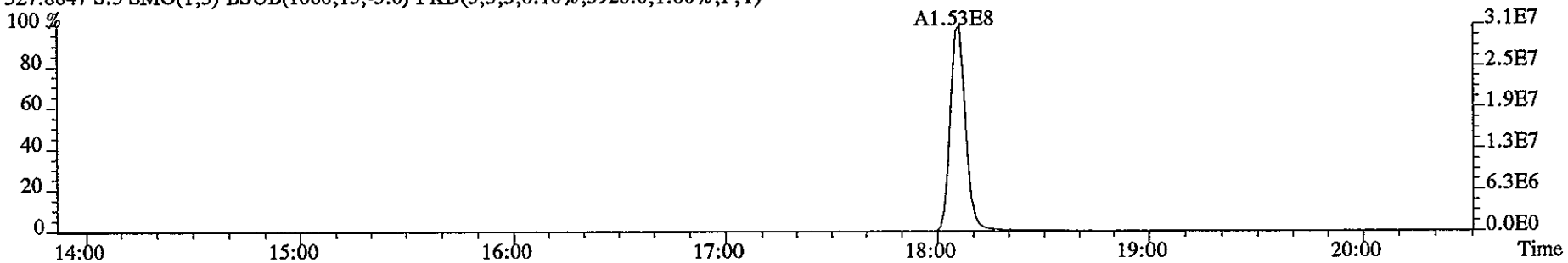
333.9339 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3268.0,1.00%,F,T)



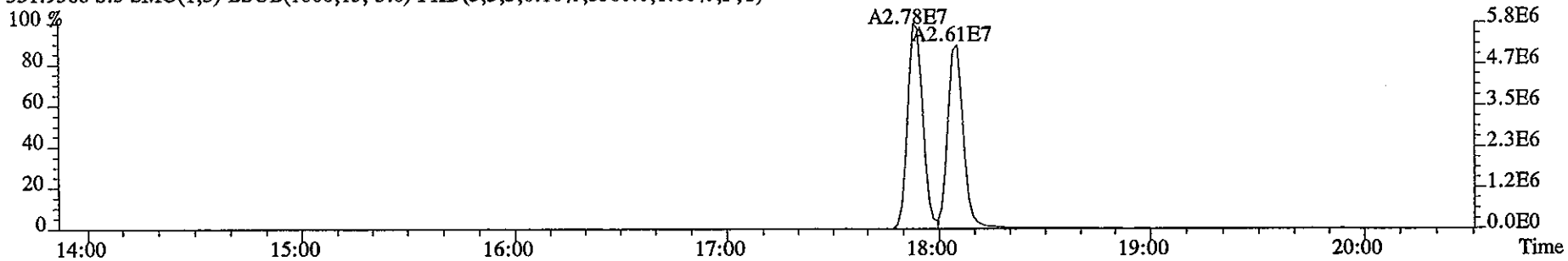
File:29DE058D5 #1-361 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN
327.8847 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3920.0,1.00%,F,T)



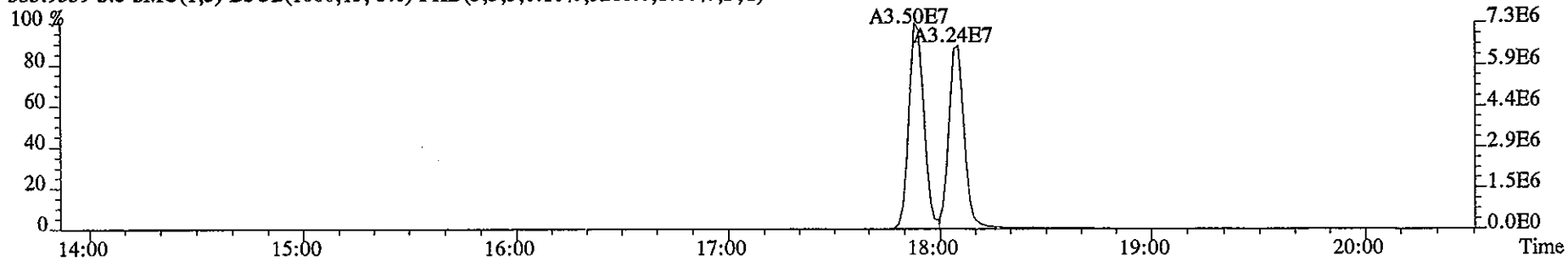
327.8847 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3920.0,1.00%,F,T)



331.9368 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5560.0,1.00%,F,T)

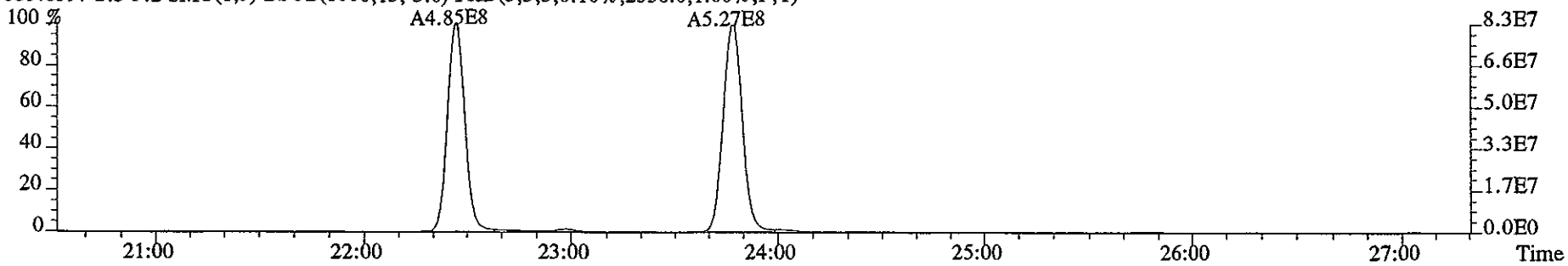


333.9339 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3268.0,1.00%,F,T)

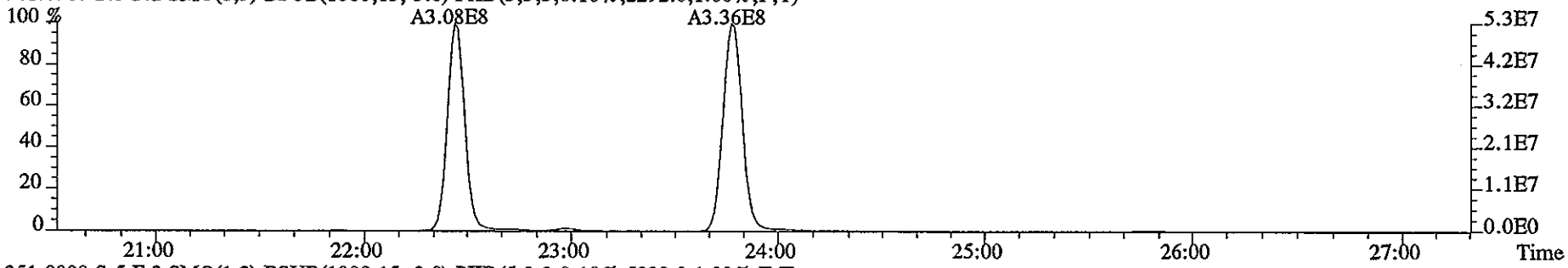


File:29DE058D5 #1-479 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN

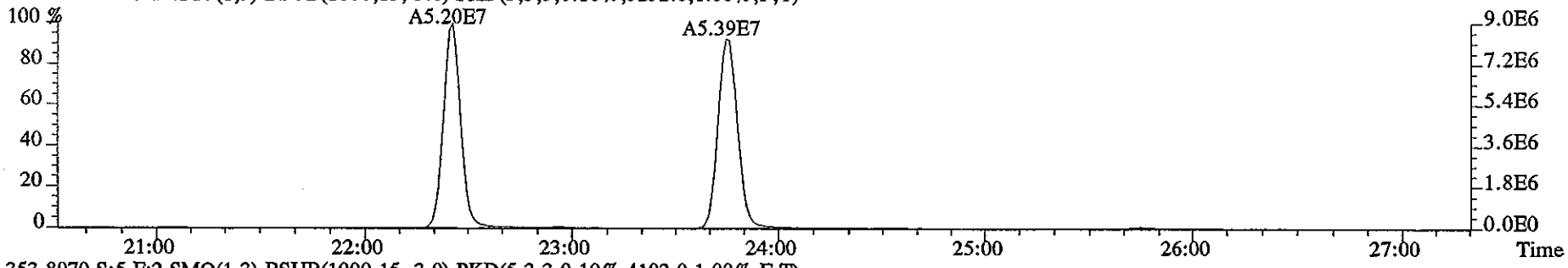
339.8597 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2556.0,1.00%,F,T)



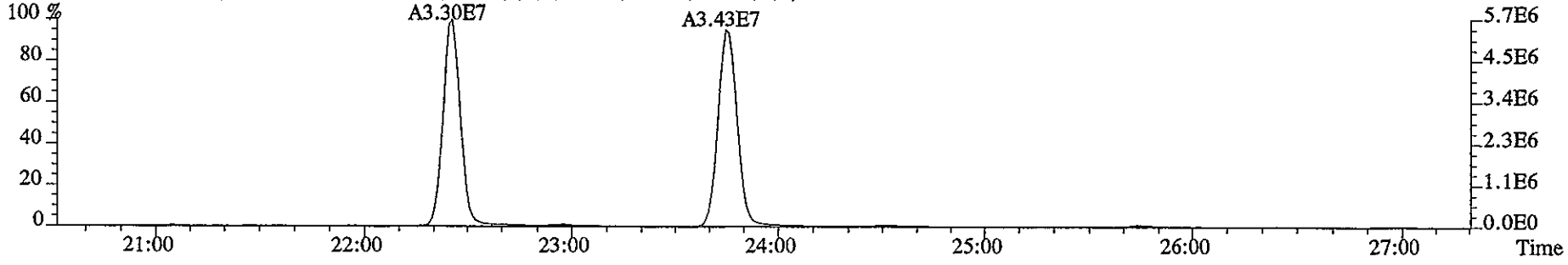
341.8567 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2292.0,1.00%,F,T)



351.9000 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5232.0,1.00%,F,T)

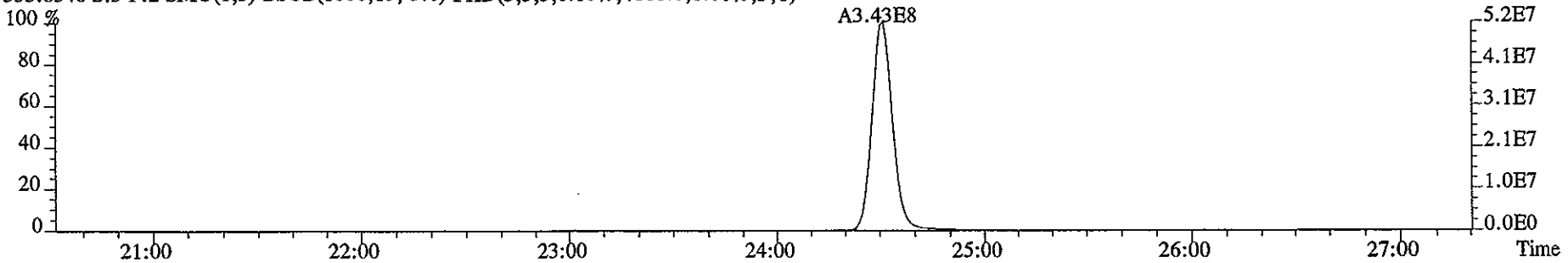


353.8970 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4192.0,1.00%,F,T)

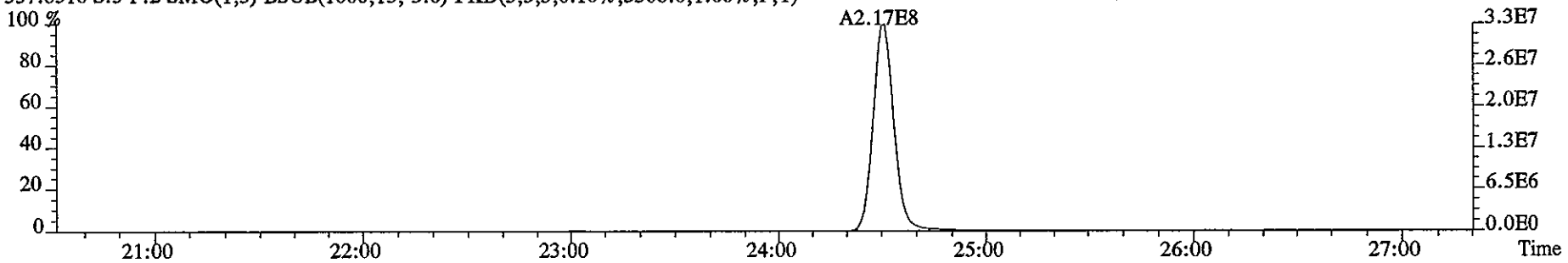


File:29DE058D5 #1-479 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN

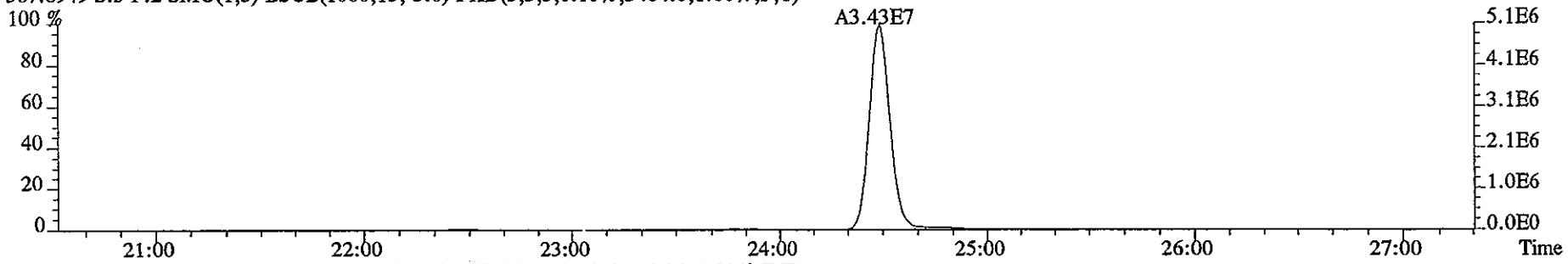
355.8546 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4668.0,1.00%,F,T)



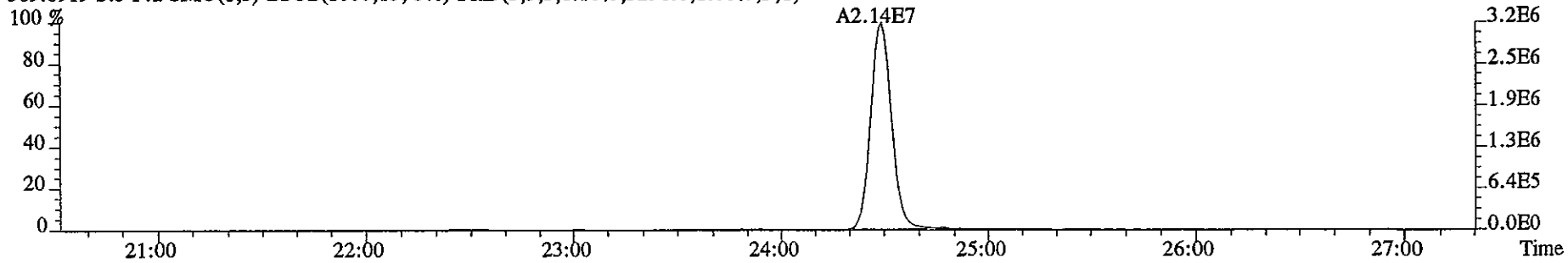
357.8516 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3308.0,1.00%,F,T)



367.8949 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3404.0,1.00%,F,T)

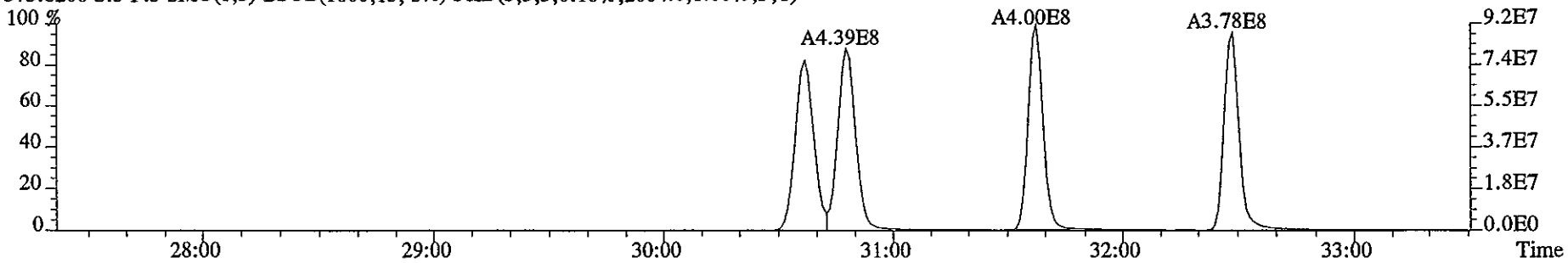


369.8919 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3296.0,1.00%,F,T)

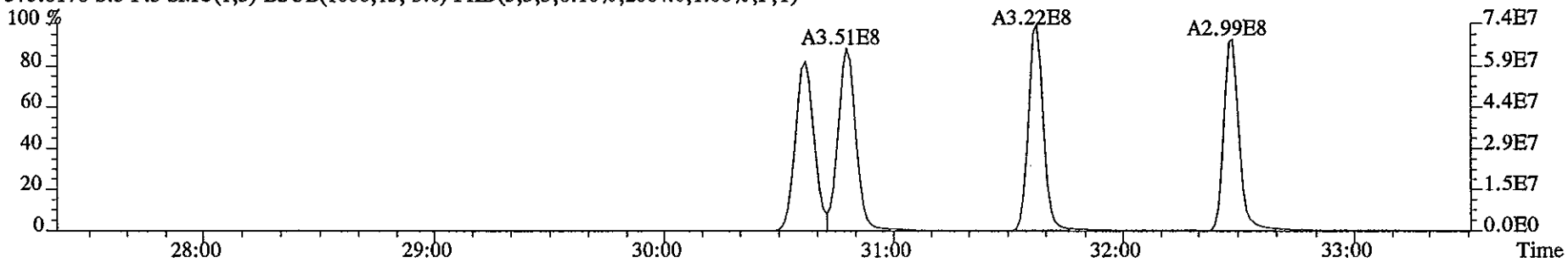


File:29DE058D5 #1-413 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN

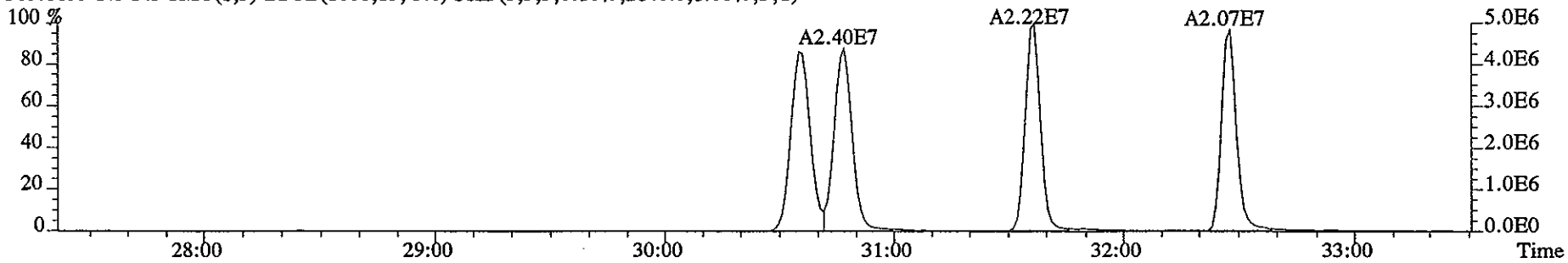
373.8208 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2004.0,1.00%,F,T)



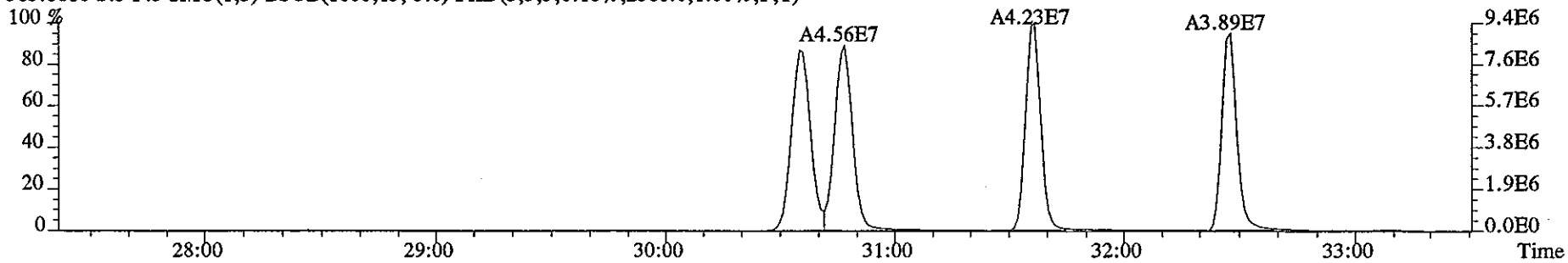
375.8178 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2064.0,1.00%,F,T)



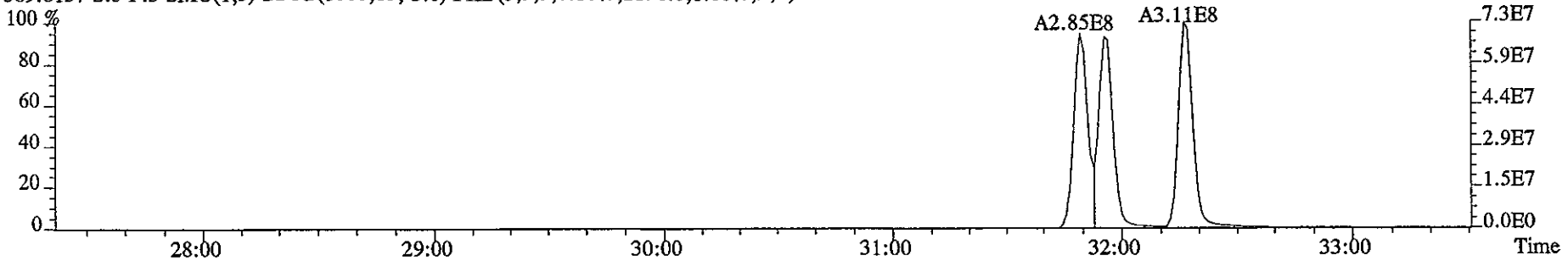
383.8639 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2140.0,1.00%,F,T)



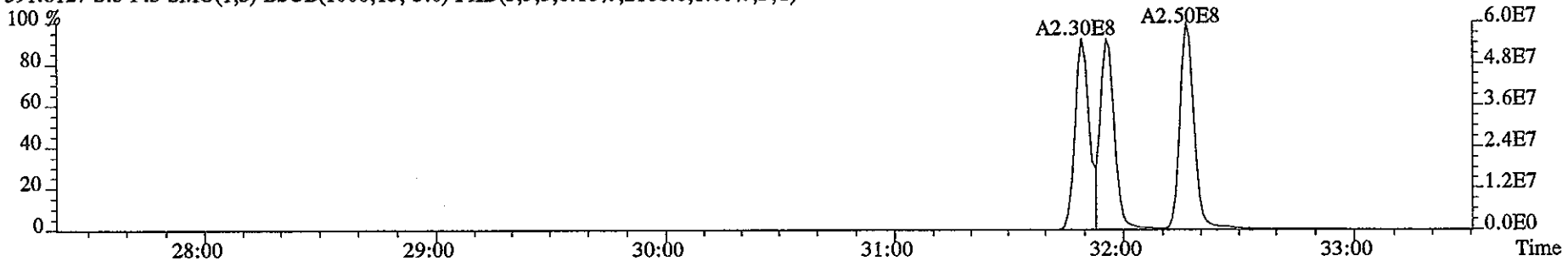
385.8610 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2560.0,1.00%,F,T)



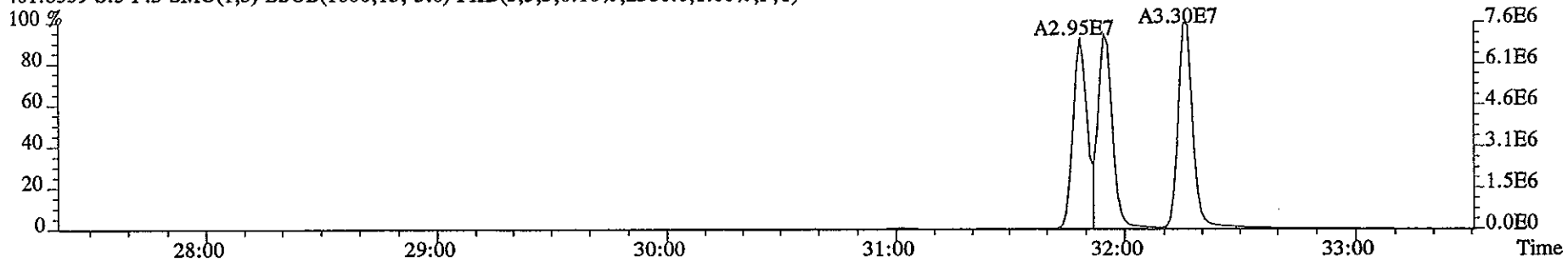
File:29DE058D5 #1-413 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN
389.8157 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2196.0,1.00%,F,T)



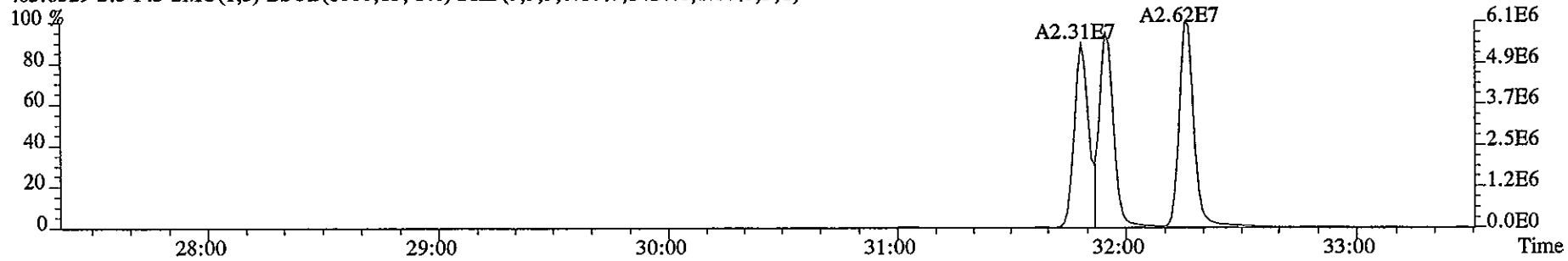
391.8127 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2188.0,1.00%,F,T)



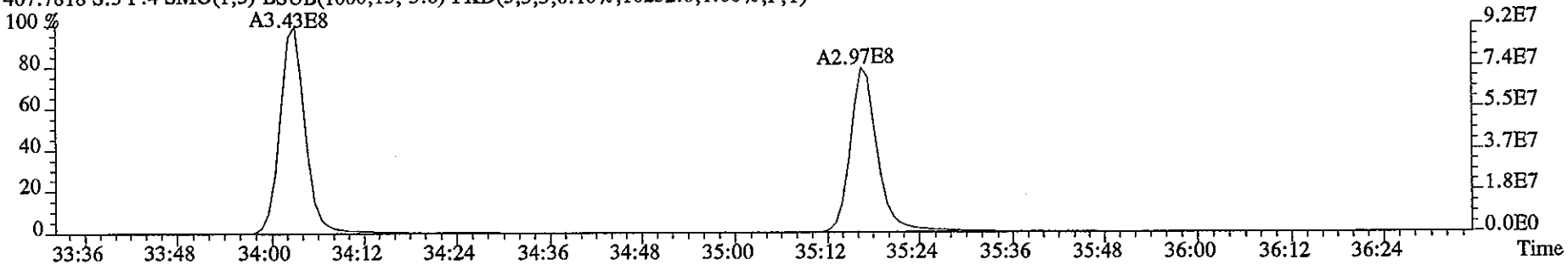
401.8559 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2380.0,1.00%,F,T)



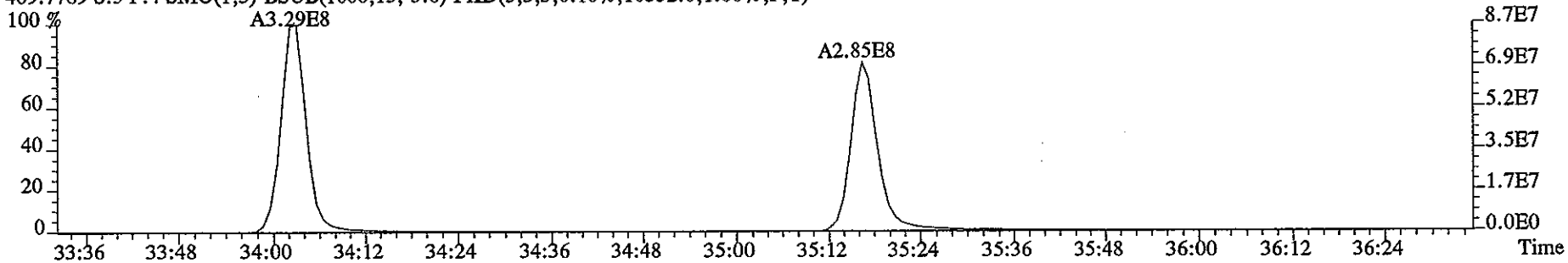
403.8529 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2420.0,1.00%,F,T)



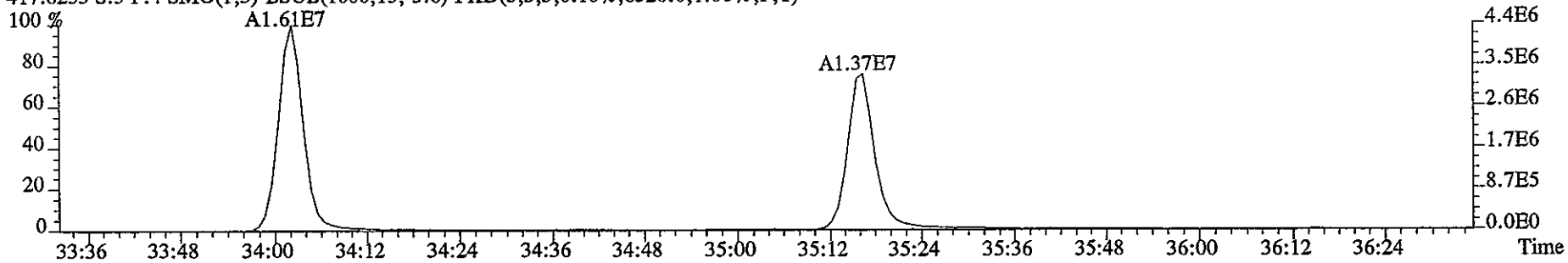
File:29DE058D5 #1-215 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN
407.7818 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10252.0,1.00%,F,T)



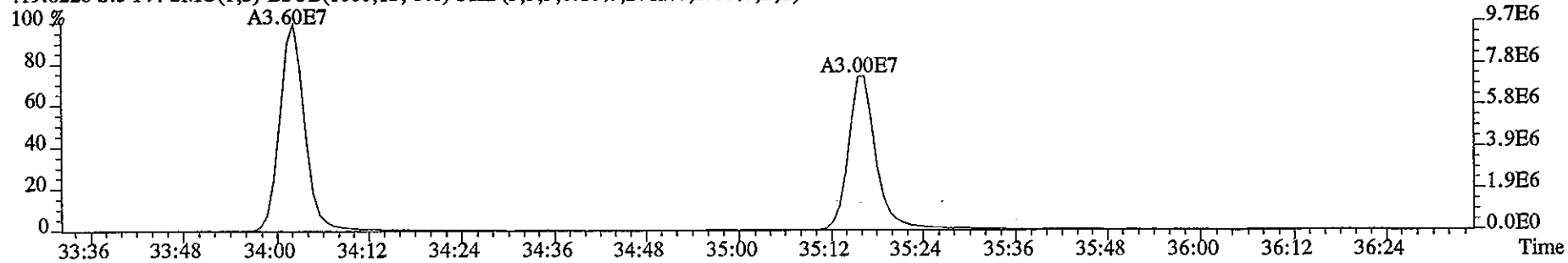
409.7789 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10552.0,1.00%,F,T)



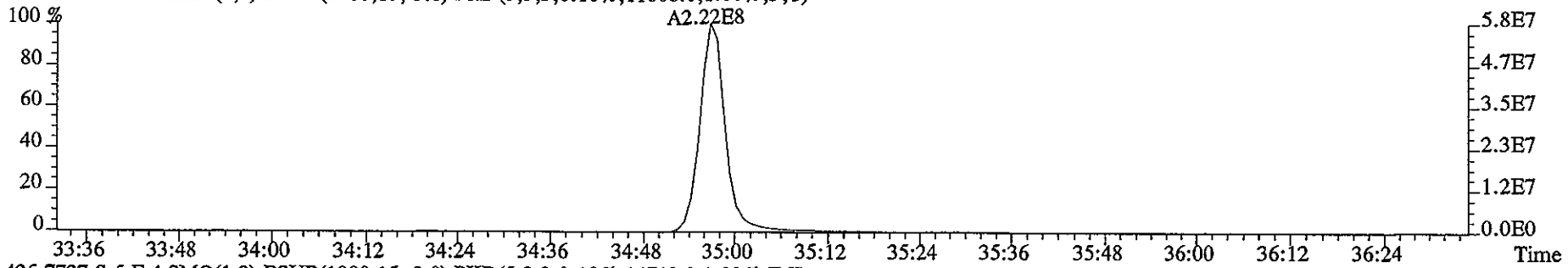
417.8253 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6320.0,1.00%,F,T)



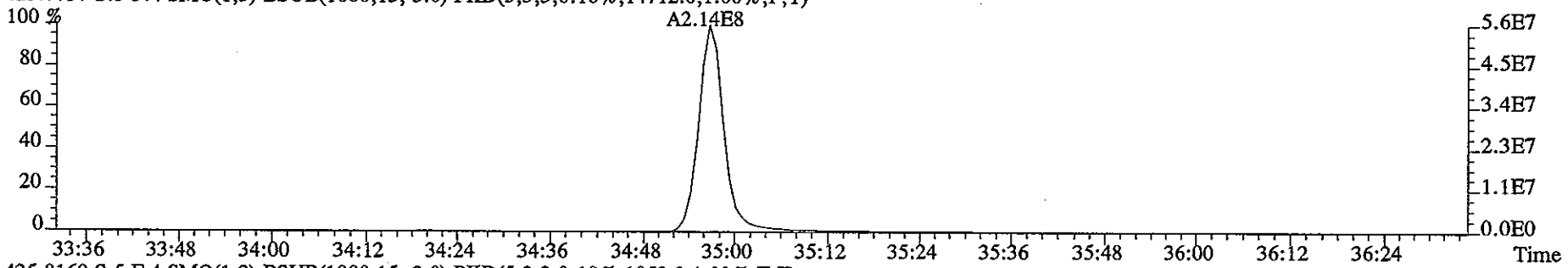
419.8220 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2712.0,1.00%,F,T)



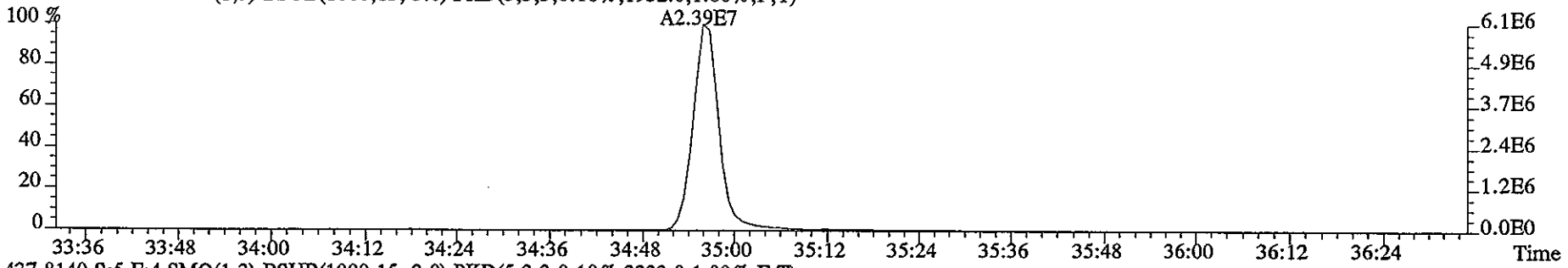
File:29DE058D5 #1-215 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN
423.7766 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11008.0,1.00%,F,T)



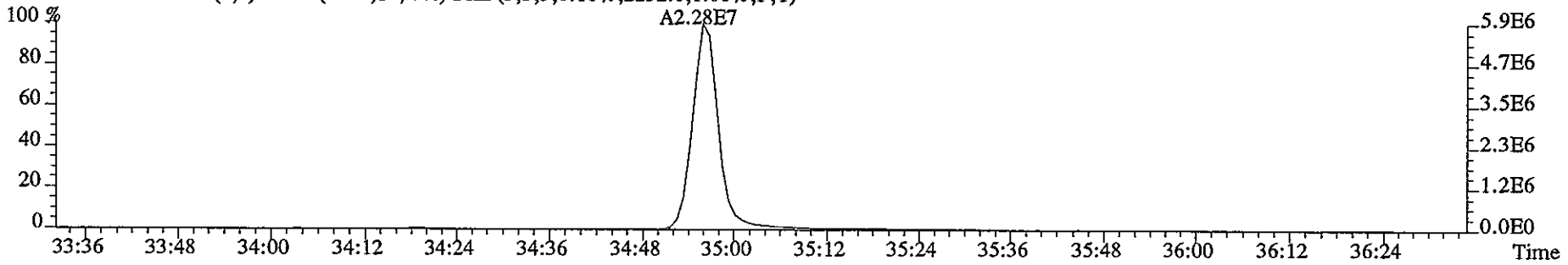
425.7737 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14712.0,1.00%,F,T)



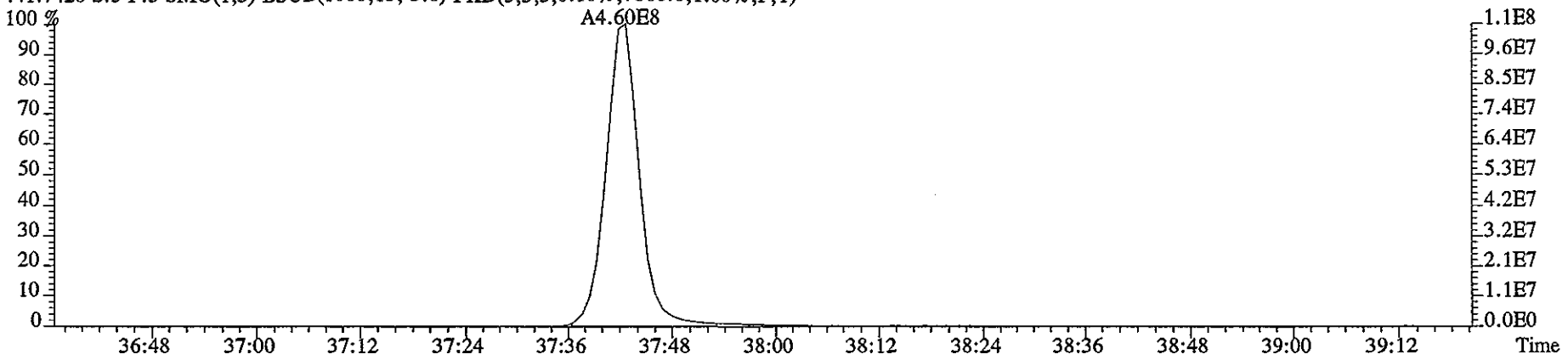
435.8169 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1952.0,1.00%,F,T)



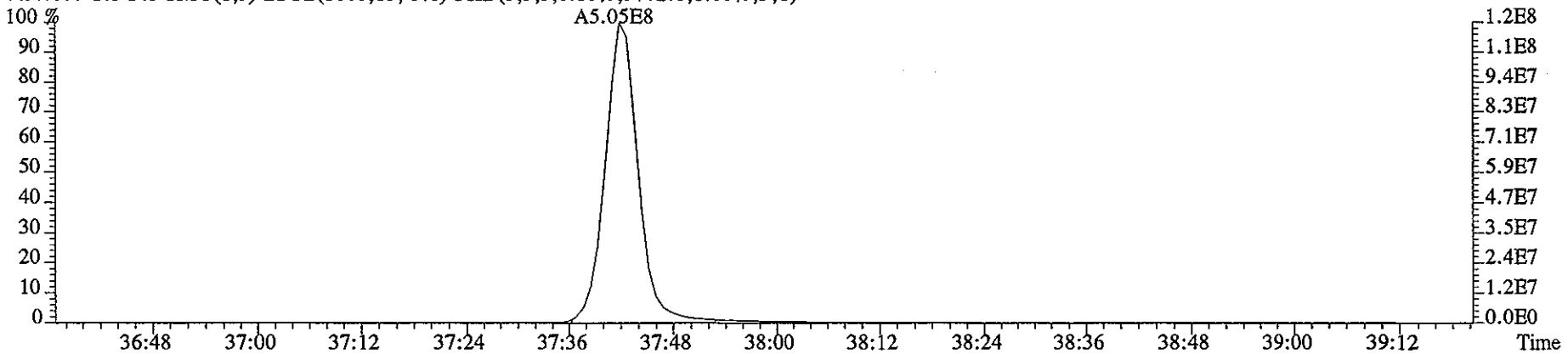
437.8140 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2232.0,1.00%,F,T)



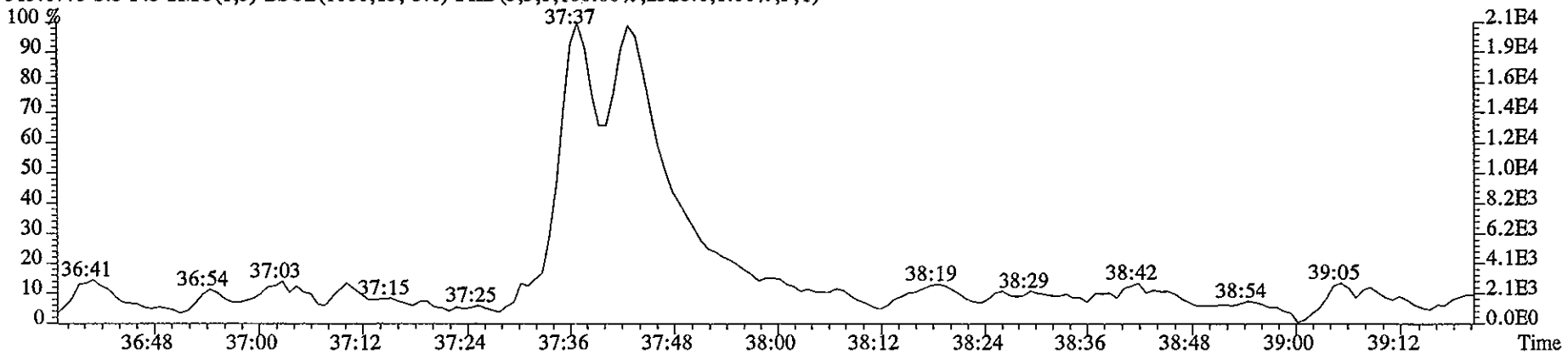
File:29DE058D5 #1-197 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN
441.7428 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7868.0,1.00%,F,T)



443.7399 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9772.0,1.00%,F,T)

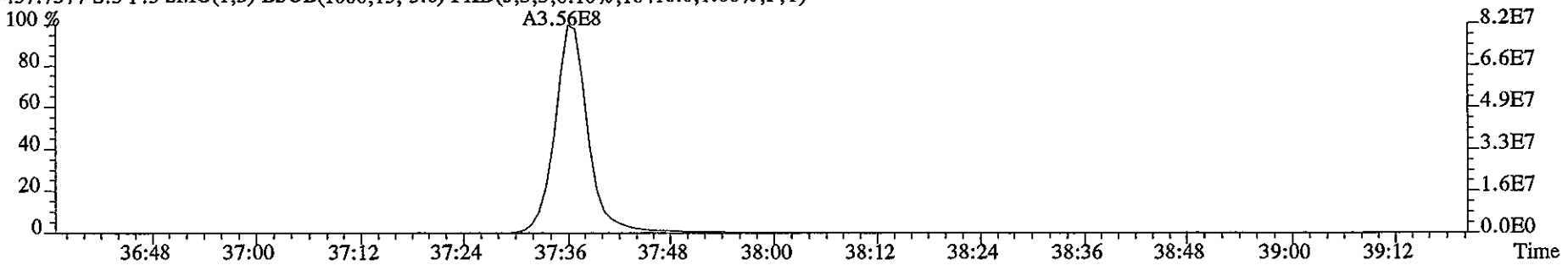


513.6775 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2328.0,1.00%,F,T)

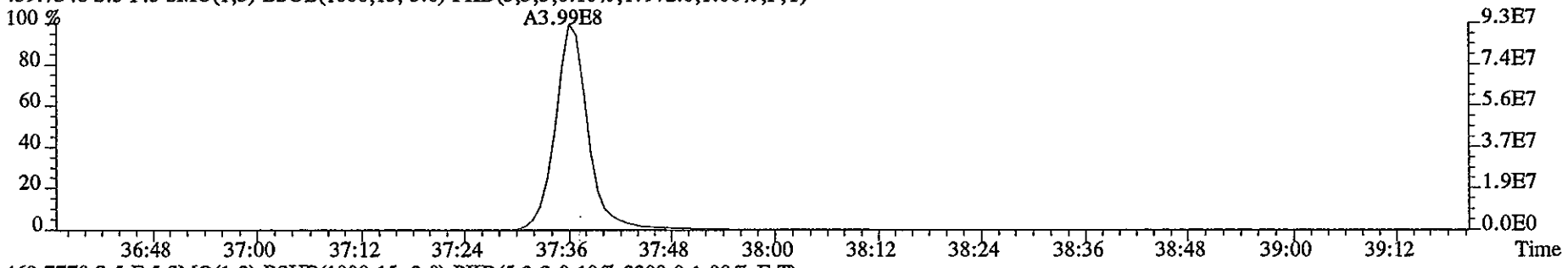


File:29DE058D5 #1-197 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN

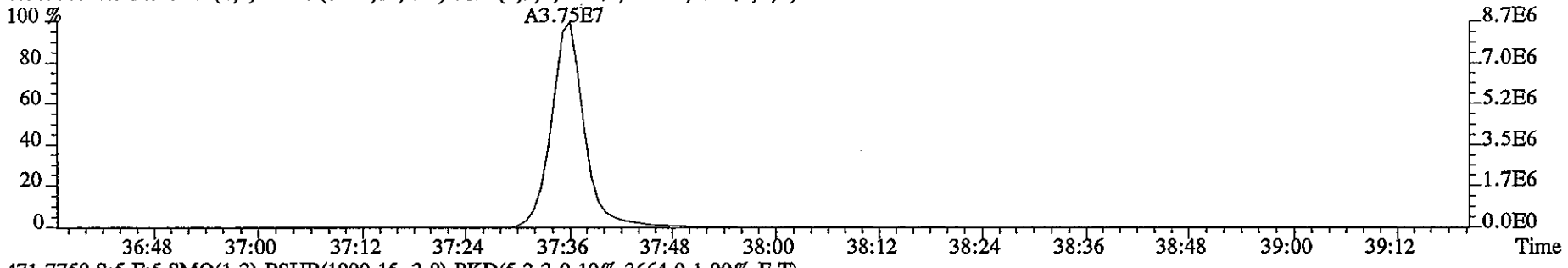
457.7377 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10416.0,1.00%,F,T)



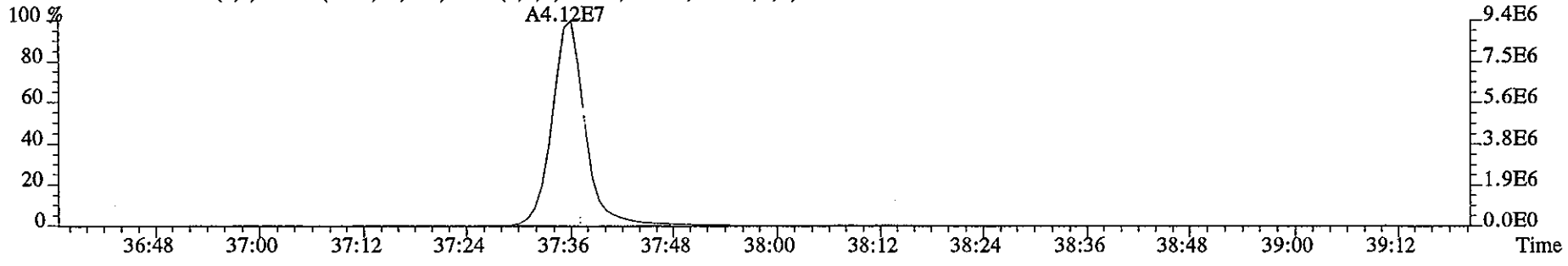
459.7348 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17972.0,1.00%,F,T)



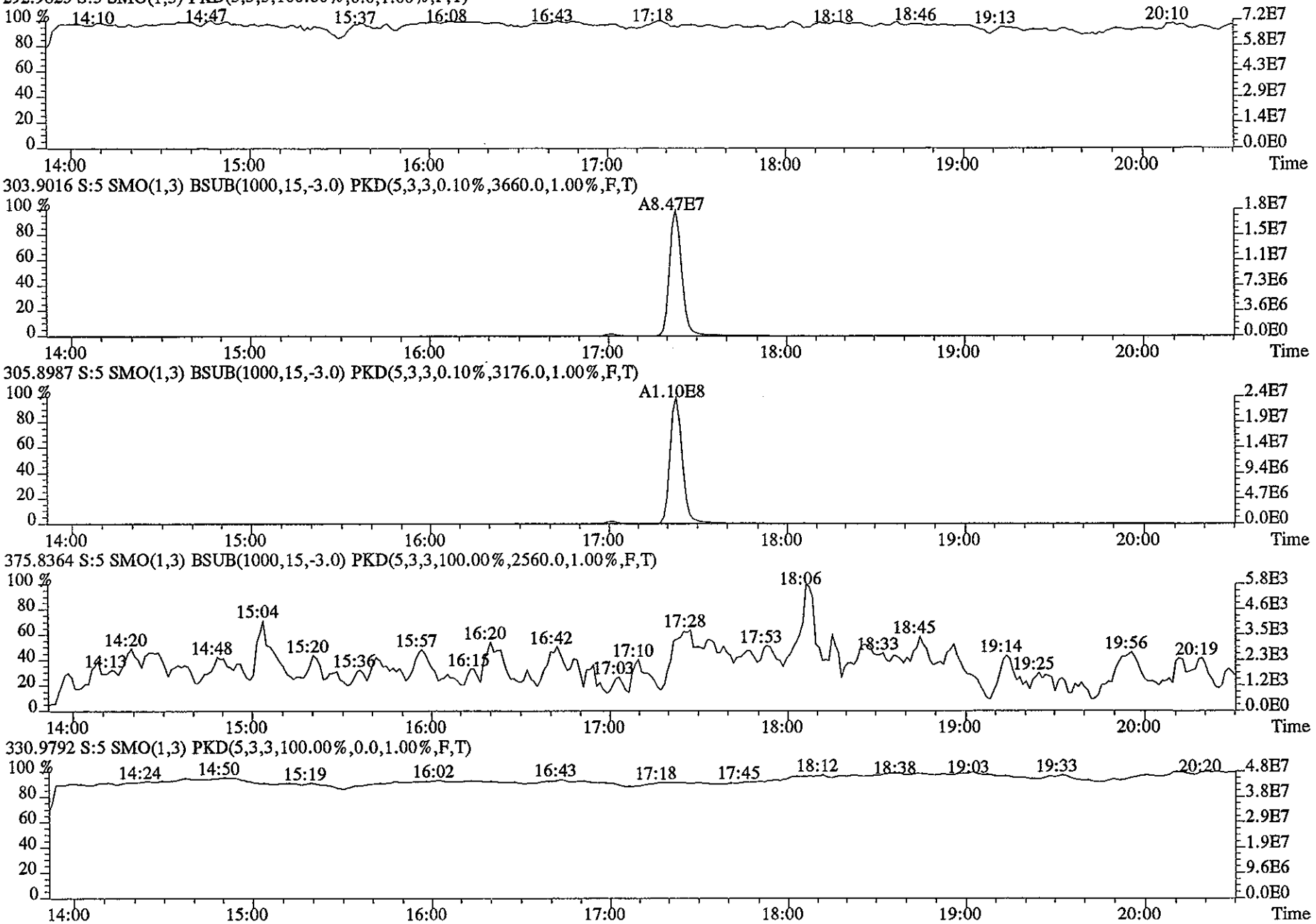
469.7779 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3308.0,1.00%,F,T)



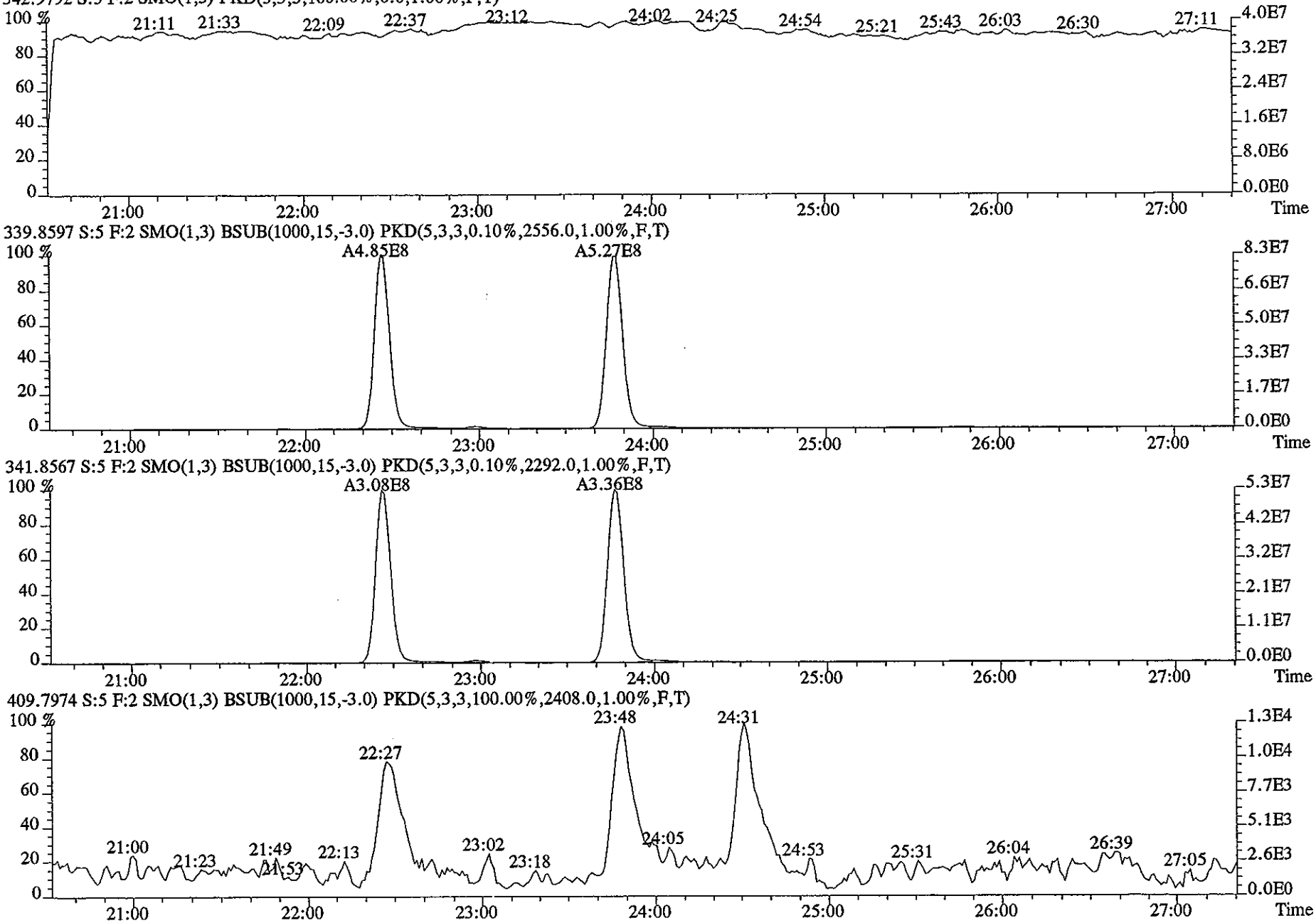
471.7750 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3664.0,1.00%,F,T)



File:29DE058D5 #1-361 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN

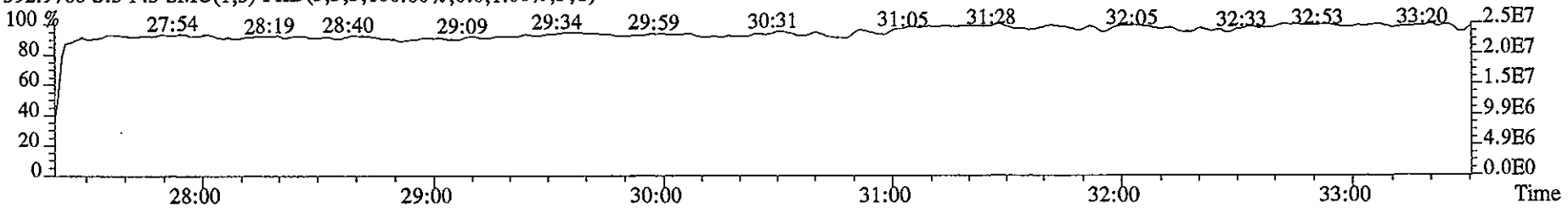


File:29DE058D5 #1-479 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN

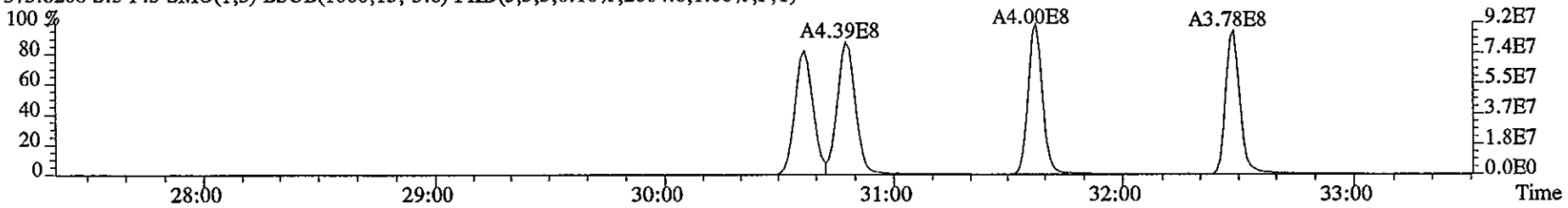


File:29DE058D5 #1-413 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN

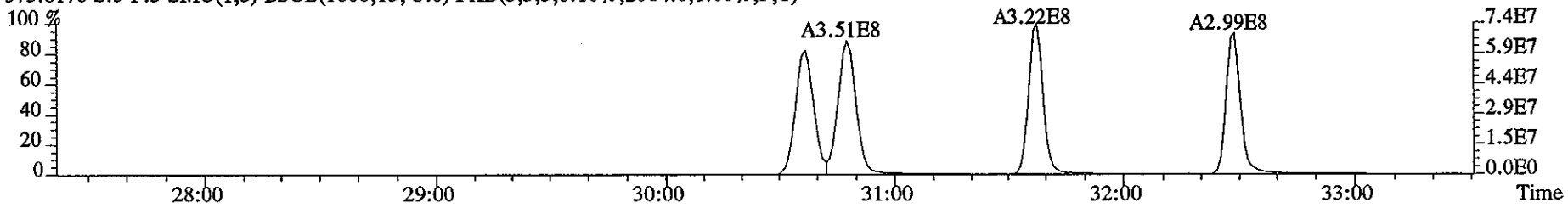
392.9760 S:5 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



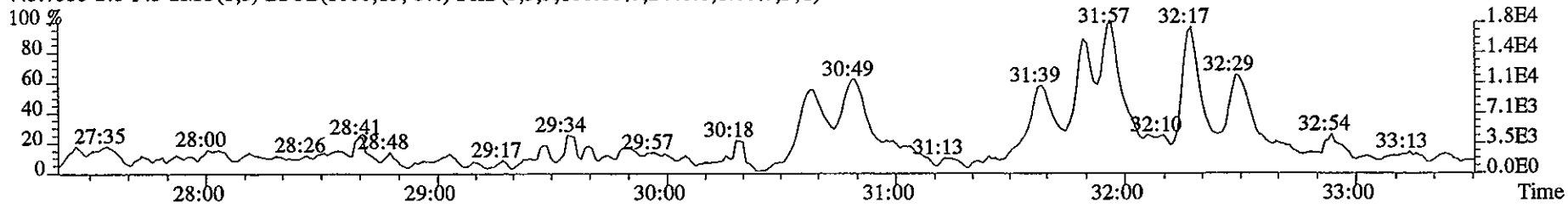
373.8208 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2004.0,1.00%,F,T)



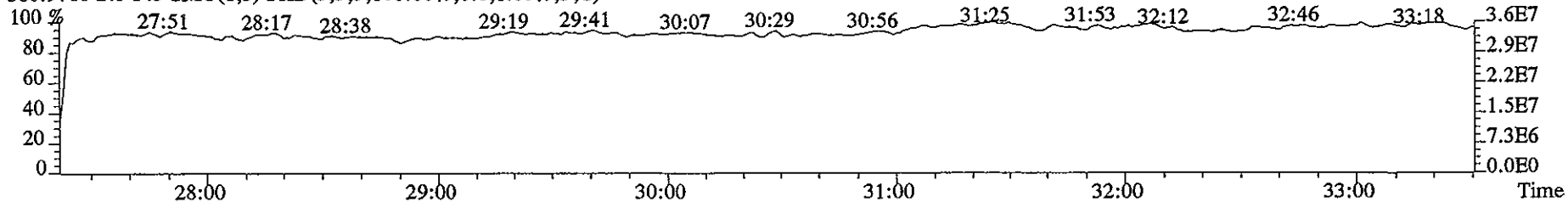
375.8178 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2064.0,1.00%,F,T)



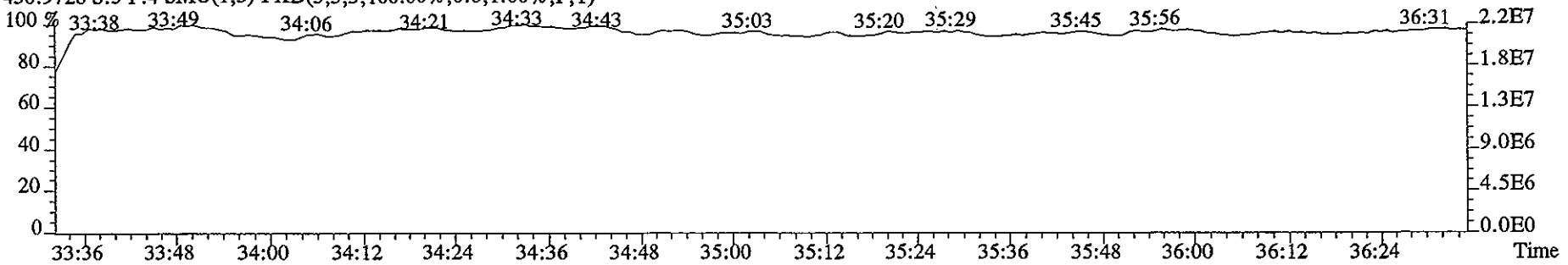
445.7555 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2448.0,1.00%,F,T)

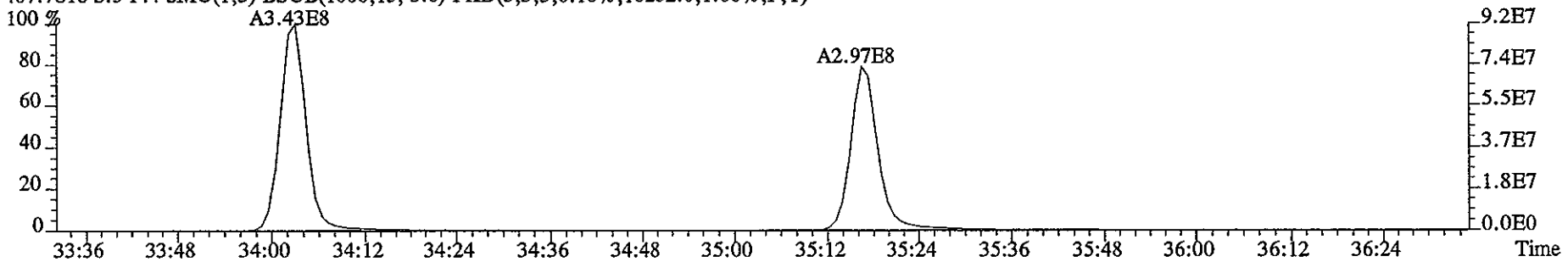


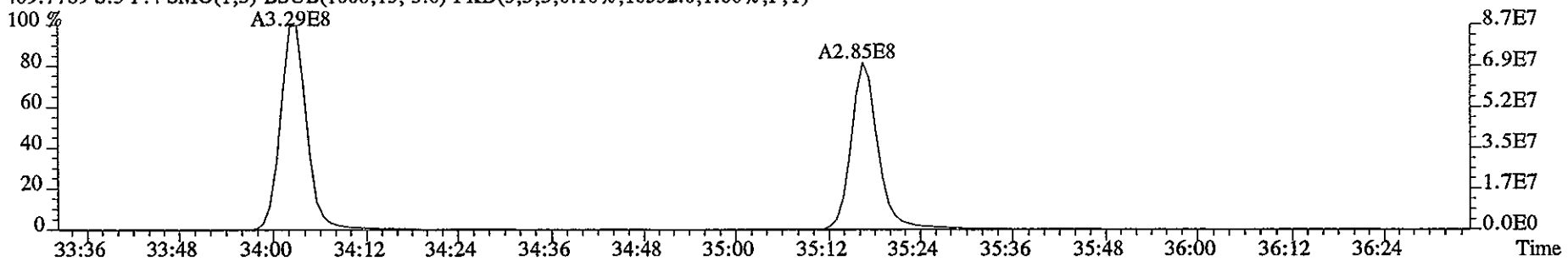
380.9760 S:5 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

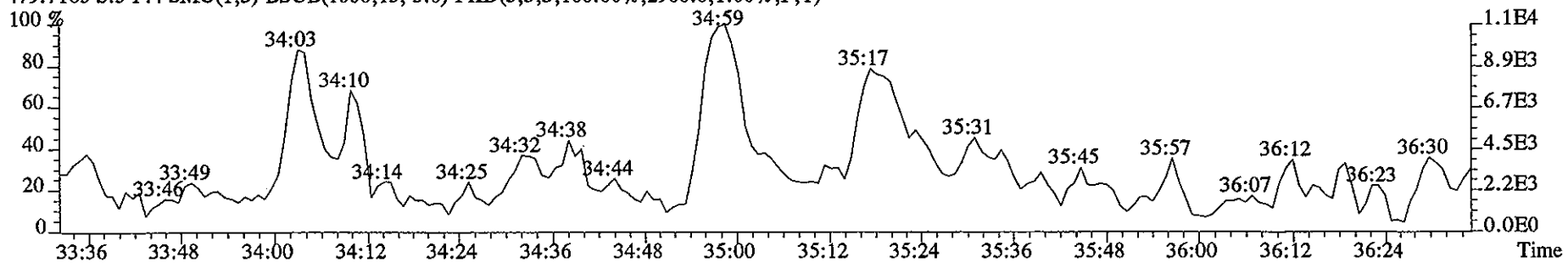


File:29DE058D5 #1-215 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN

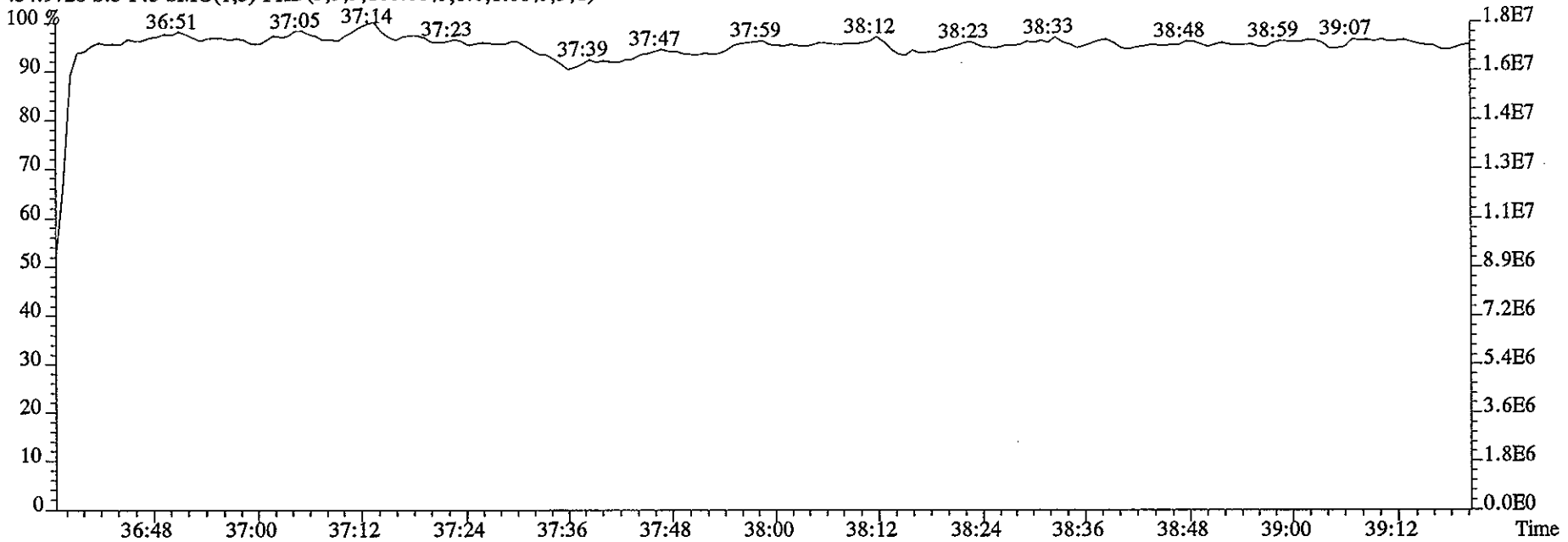




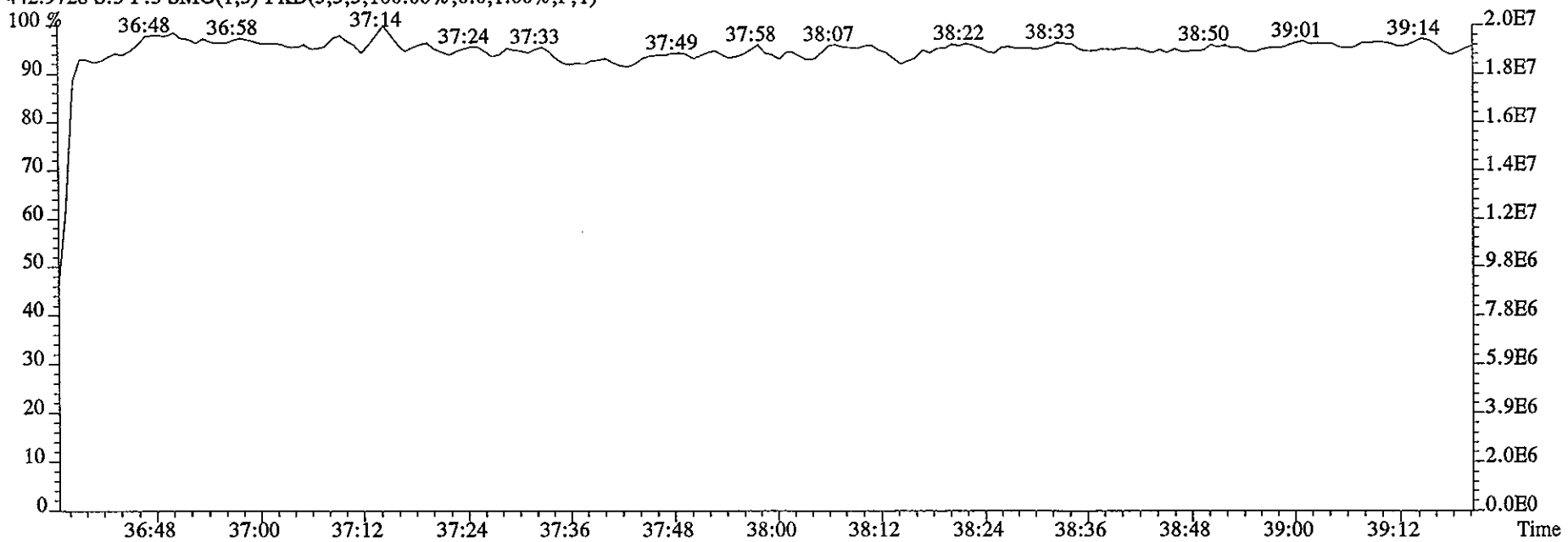




File:29DE058D5 #1-197 Acq:29-DEC-2005 19:48:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 Text:ST1229D :CS5 2565-41E Exp:DIOXIN
454.9728 S:5 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:5 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



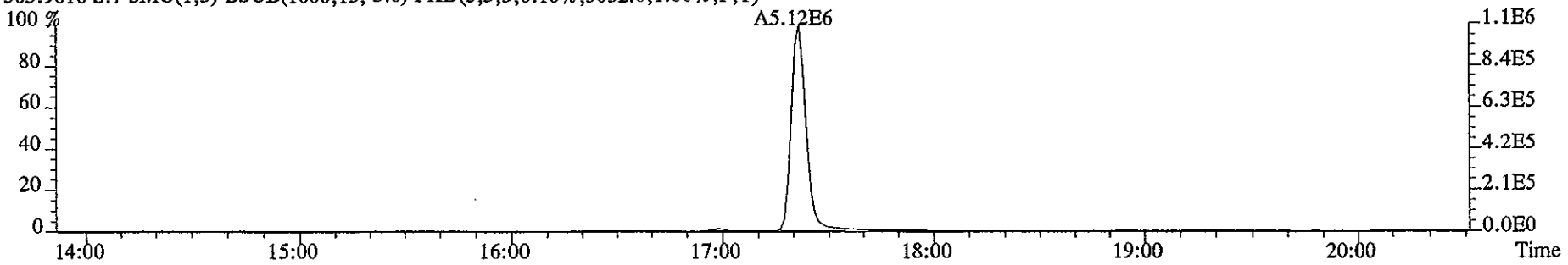
Run text: ST1229E Sample text: ST1229E :2nd Source 2565-65
Run #6 Filename: 29DE058D5 S: 7 I: 1 Results: 29DE058D58290
Acquired: 29-DEC-05 21:12:23 Processed: 29-DEC-05 21:55:24
Run: 29DE058D5 Analyte: 8290 Cal: 82901229058D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 1.000000

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	68660500	0.79	y	17:52	-	94.98	-	-	n
13C-2,3,7,8-TCDF	110691600	0.79	y	17:21	1.56	2073.10	2.28	103.7	n
2,3,7,8-TCDF	11927140	0.75	y	17:22	1.00	215.45	1.59	-	n
Total TCDF	12090411	0.71	y	17:00	1.00	218.40	1.59	-	n
13C-2,3,7,8-TCDD	67026300	0.80	y	18:03	0.92	2117.02	4.04	105.9	n
2,3,7,8-TCDD	8768750	0.77	y	18:05	1.28	204.40	2.09	-	n
Total TCDD	8768750	0.77	y	18:05	1.28	204.40	2.09	-	n
37Cl-2,3,7,8-TCDD	83285	1.00	y	18:06	2.42	1.00	0.83	0.1	n
13C-1,2,3,7,8-PeCDF	97223600	1.59	y	22:24	1.34	2113.26	2.83	105.7	n
1,2,3,7,8-PeCDF	26388600	1.58	y	22:25	0.95	570.78	2.44	-	n
2,3,4,7,8-PeCDF	25678600	1.55	y	23:45	1.00	529.48	2.33	-	n
Total F2 PeCDF	52416344	1.87	n	21:04	0.97	1107.63	2.38	-	n
Total F1 PeCDF	*	*	n	NotFnd	0.97	*	2.13	-	n
13C-1,2,3,7,8-PeCDD	66712600	1.61	y	24:27	0.88	2197.74	2.83	109.9	n
1,2,3,7,8-PeCDD	17606010	1.57	y	24:29	1.02	517.83	3.18	-	n
Total PeCDD	17606010	1.57	y	24:29	1.02	517.83	3.18	-	n
13C-1,2,3,7,8,9-HxCDD	67630300	1.25	y	32:16	-	94.39	-	-	n
13C-1,2,3,4,7,8-HxCDF	75169300	0.52	y	30:35	1.12	1990.38	1.80	99.5	n
1,2,3,4,7,8-HxCDF	24876000	1.24	y	30:36	1.08	610.09	1.78	-	n
1,2,3,6,7,8-HxCDF	27458300	1.24	y	30:47	1.20	607.70	1.61	-	n
2,3,4,6,7,8-HxCDF	24539700	1.25	y	31:38	1.09	597.63	1.77	-	n
1,2,3,7,8,9-HxCDF	23008600	1.25	y	32:29	1.04	586.60	1.85	-	n
Total HxCDF	99934966	1.24	y	30:36	1.11	2403.28	1.75	-	n
13C-1,2,3,6,7,8-HxCDD	73667500	1.26	y	31:55	0.96	2274.86	3.40	113.7	n
1,2,3,4,7,8-HxCDD	16860480	1.25	y	31:49	0.87	524.41	2.92	-	n
1,2,3,6,7,8-HxCDD	19532900	1.27	y	31:55	0.97	549.10	2.64	-	n
1,2,3,7,8,9-HxCDD	19141620	1.25	y	32:17	1.00	519.86	2.55	-	n
Total HxCDD	55535000	1.25	y	31:49	0.95	1593.37	2.70	-	n
13C-1,2,3,4,6,7,8-HpCDF	72759300	0.44	y	34:02	0.94	2292.32	7.20	114.6	n
1,2,3,4,6,7,8-HpCDF	26046500	1.03	y	34:03	1.31	547.44	2.09	-	n
1,2,3,4,7,8,9-HpCDF	23059100	1.04	y	35:17	1.16	546.67	2.36	-	n
Total HpCDF	49306403	1.03	y	34:03	1.23	1098.58	2.22	-	n
13C-1,2,3,4,6,7,8-HpCDD	65426000	1.06	y	34:57	0.87	2226.59	5.21	111.3	n
1,2,3,4,6,7,8-HpCDD	17611580	1.03	y	34:57	0.94	570.26	1.74	-	n
Total HpCDD	17686729	3.34	n	34:02	0.94	572.69	1.74	-	n
13C-OCDD	109692800	0.90	y	37:36	0.74	4382.12	6.33	109.6	n

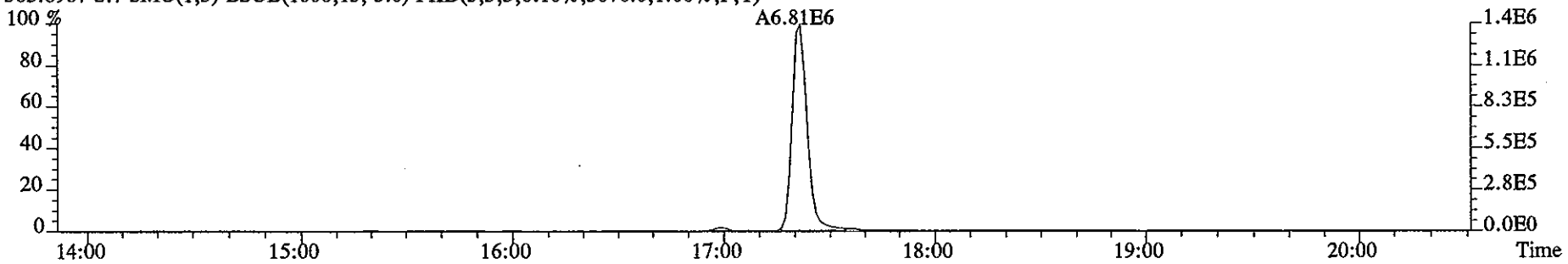
OCDF	36137100	0.92	y	37:43	1.21	1090.49	3.32	-	n
OCDD	29386400	0.90	y	37:37	0.98	1097.66	4.04	-	n

File:29DE058D5 #1-362 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN

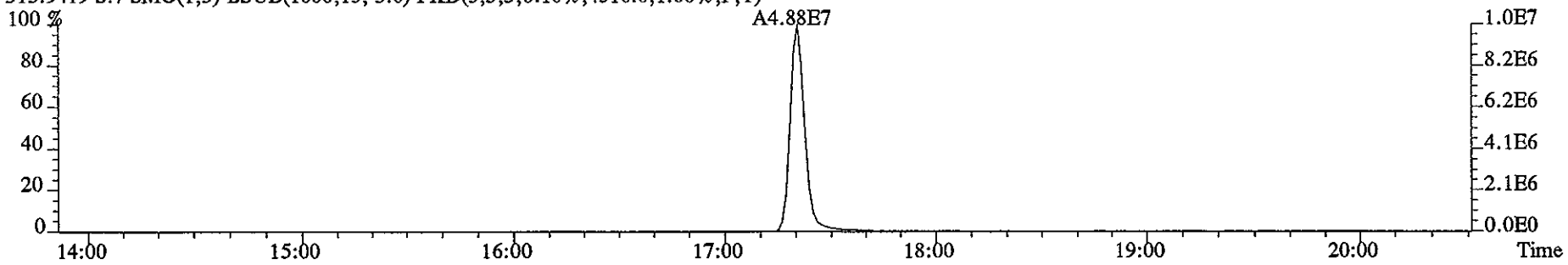
303.9016 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3052.0,1.00%,F,T)



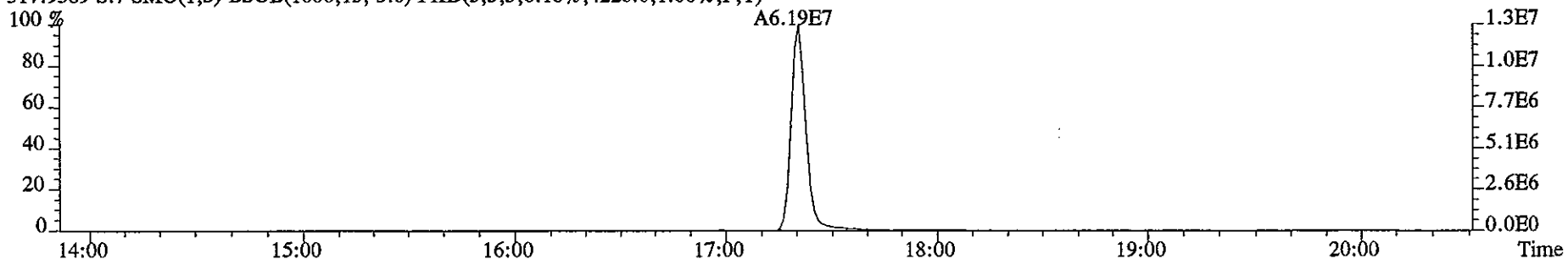
305.8987 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3076.0,1.00%,F,T)



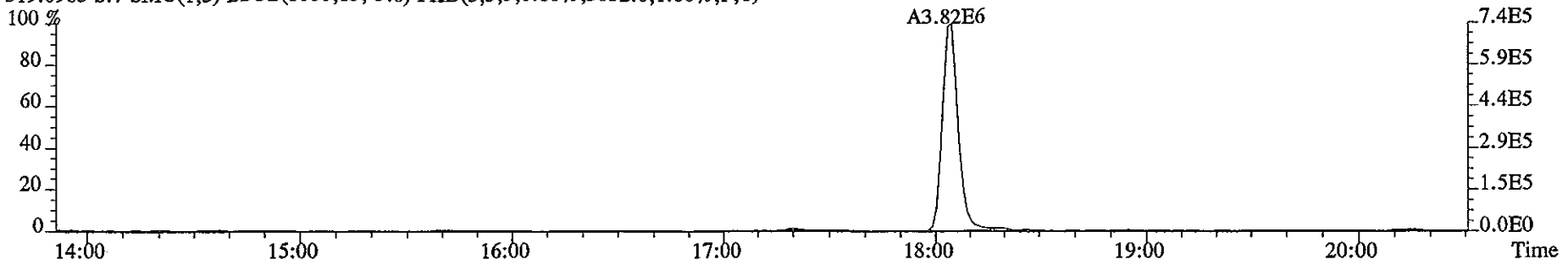
315.9419 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4516.0,1.00%,F,T)

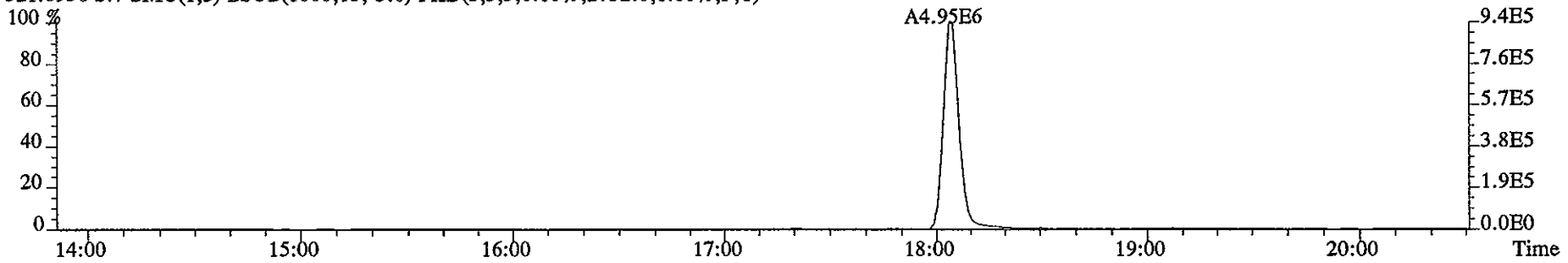


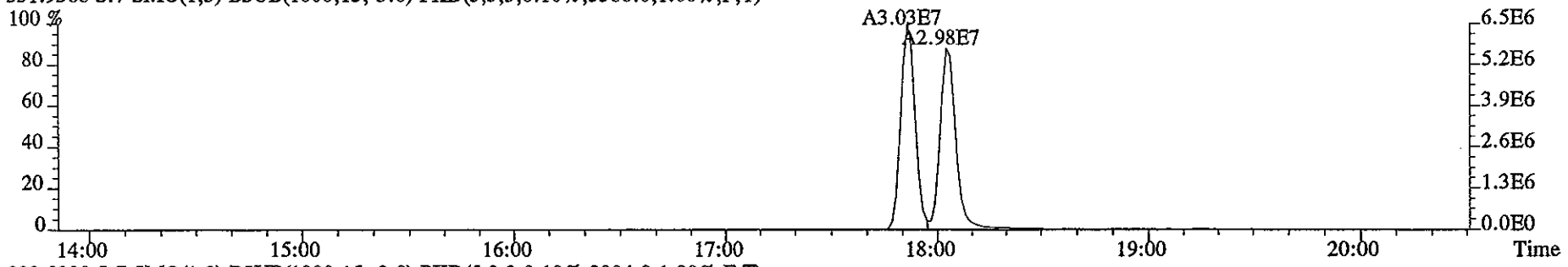
317.9389 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4228.0,1.00%,F,T)

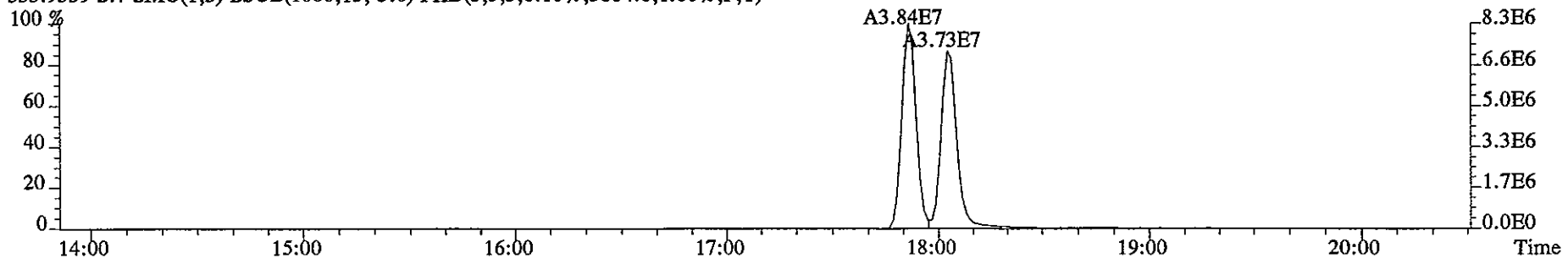


File:29DE058D5 #1-362 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN



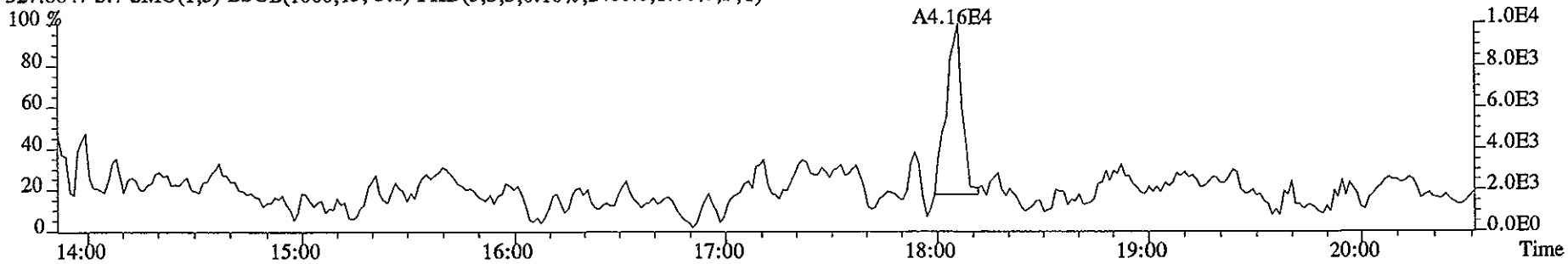




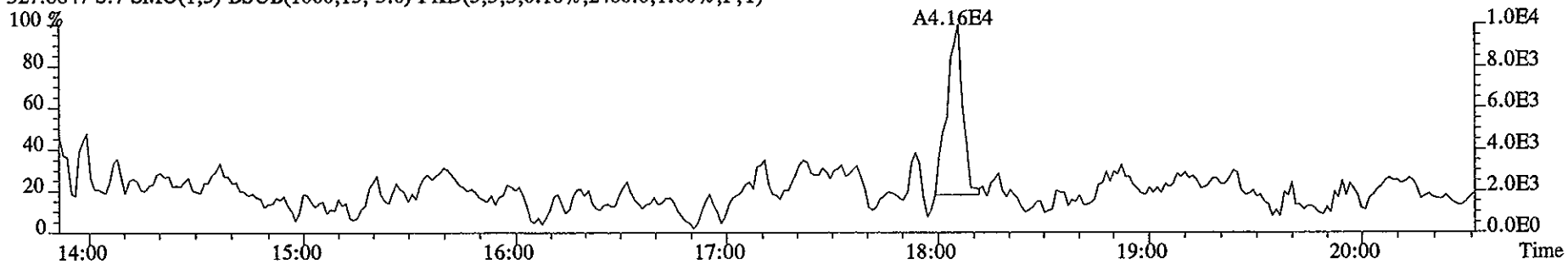


File:29DE058D5 #1-362 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN

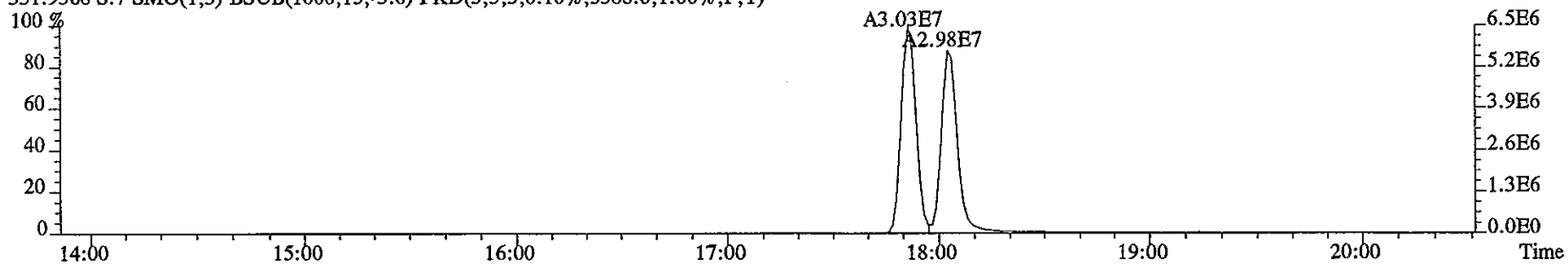
327.8847 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2480.0,1.00%,F,T)



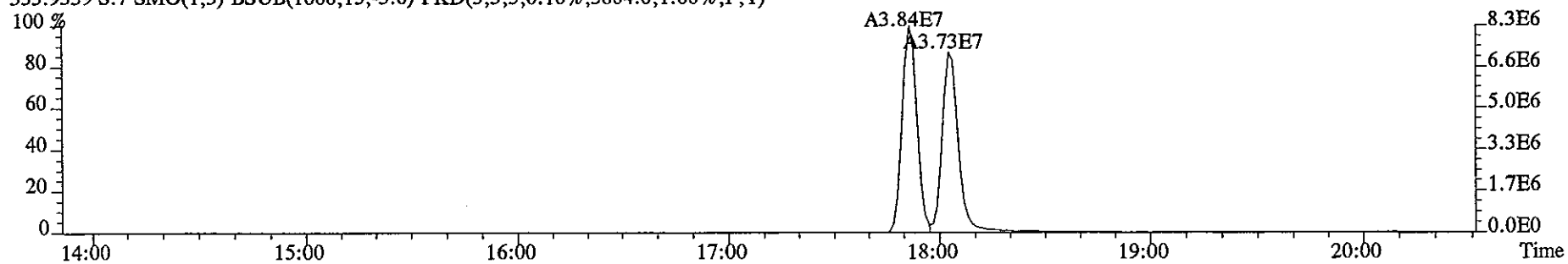
327.8847 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2480.0,1.00%,F,T)



331.9368 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5388.0,1.00%,F,T)

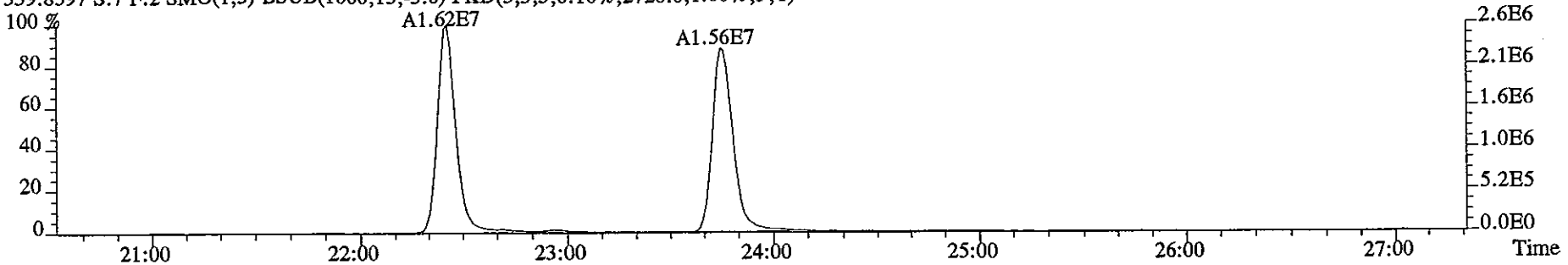


333.9339 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3804.0,1.00%,F,T)

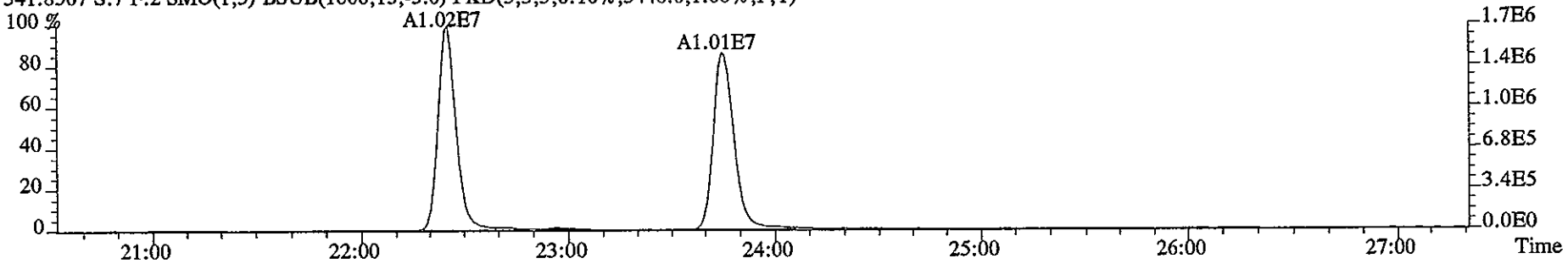


File:29DE058D5 #1-479 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN

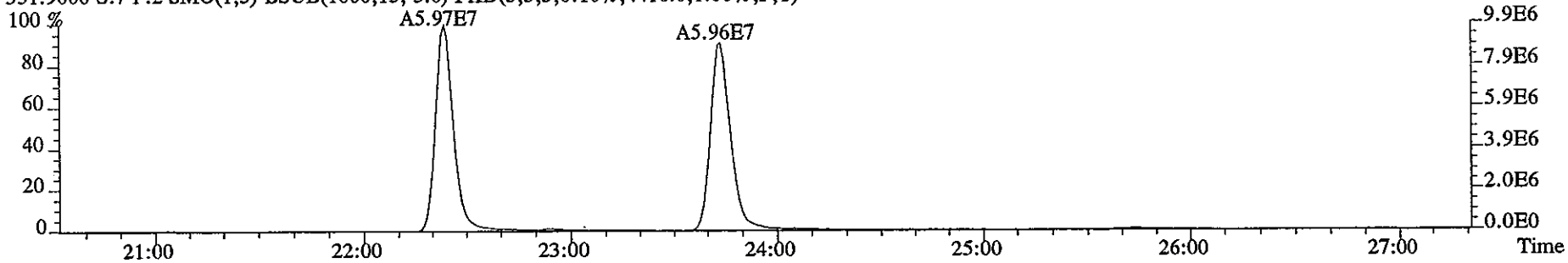
339.8597 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2728.0,1.00%,F,T)



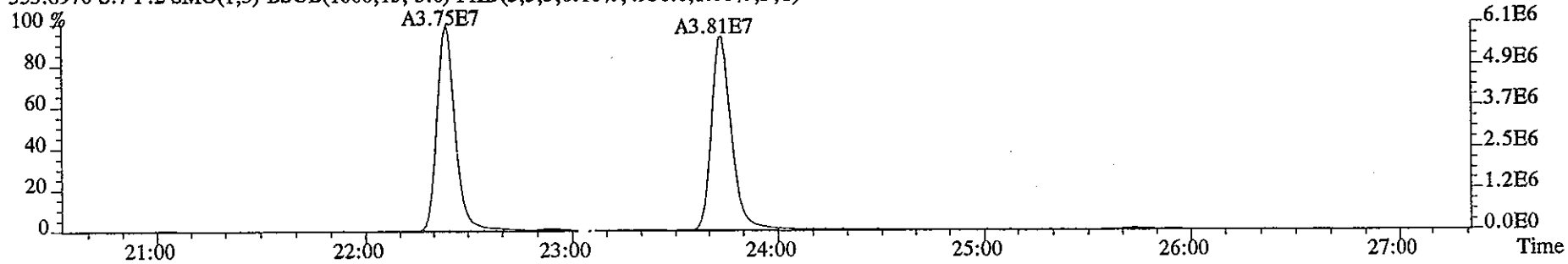
341.8567 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3448.0,1.00%,F,T)



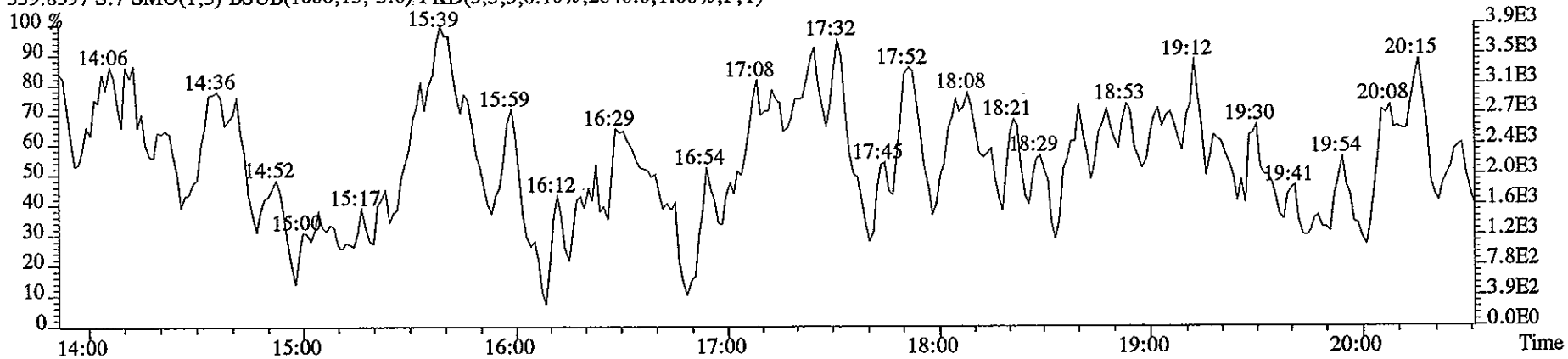
351.9000 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4416.0,1.00%,F,T)



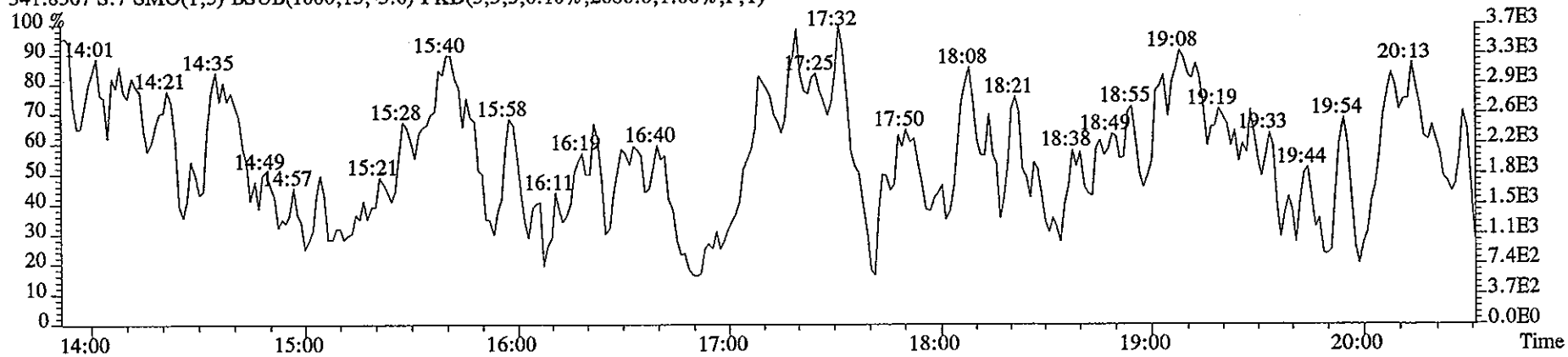
353.8970 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4936.0,1.00%,F,T)



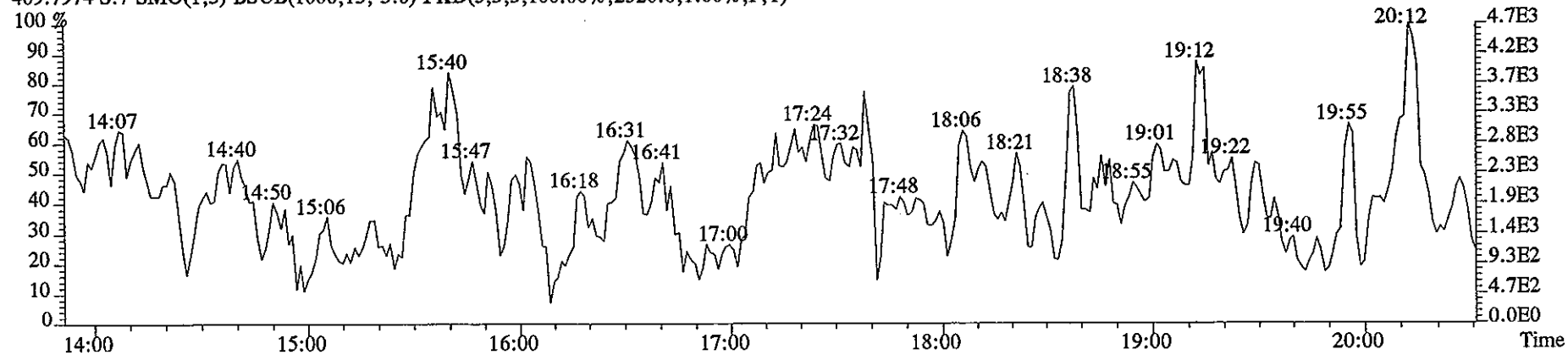
File:29DE058D5 #1-362 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN
339.8597 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2840.0,1.00%,F,T)



341.8567 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2680.0,1.00%,F,T)

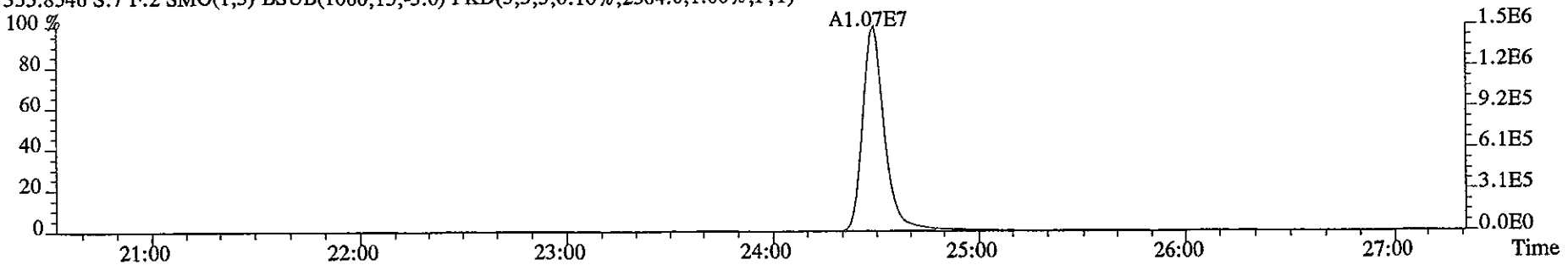


409.7974 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2520.0,1.00%,F,T)

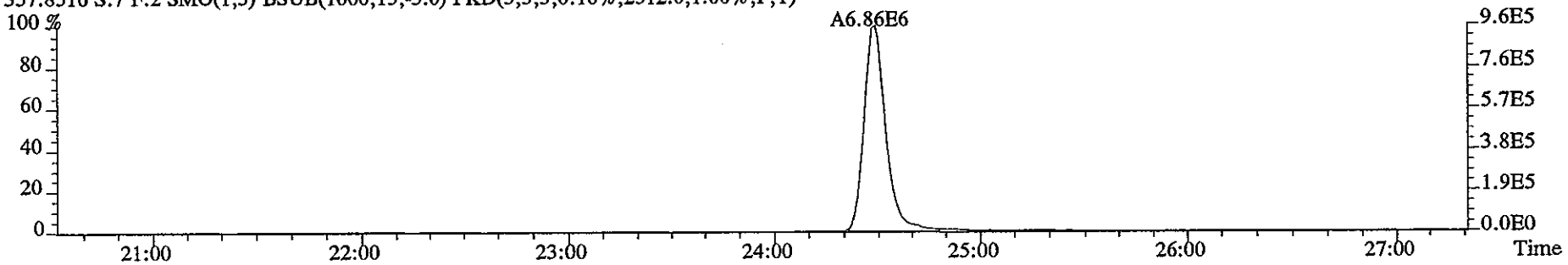


File:29DE058D5 #1-479 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN

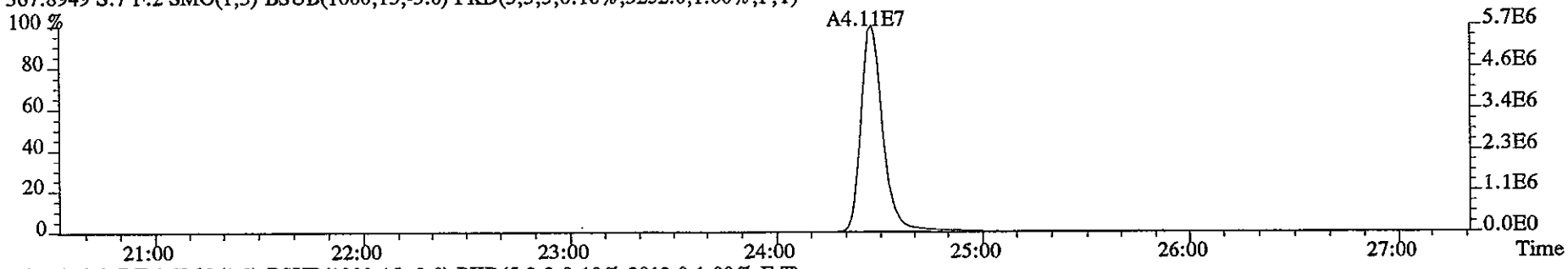
355.8546 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2504.0,1.00%,F,T)



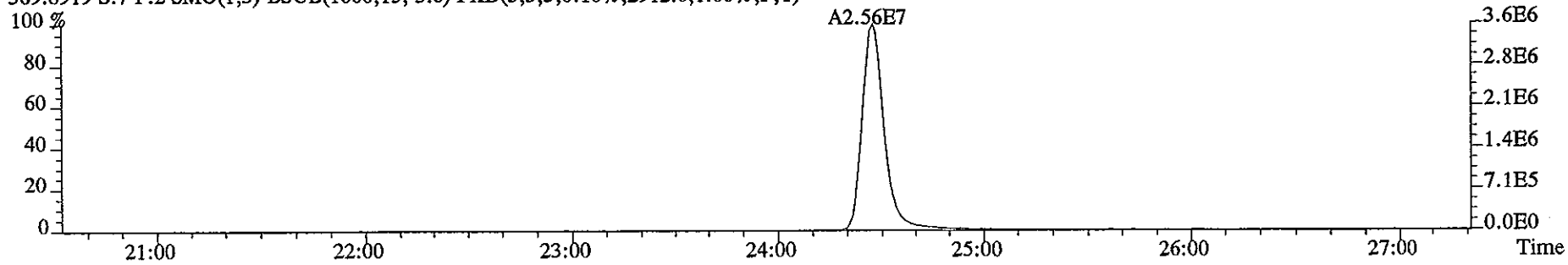
357.8516 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2512.0,1.00%,F,T)



367.8949 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3252.0,1.00%,F,T)

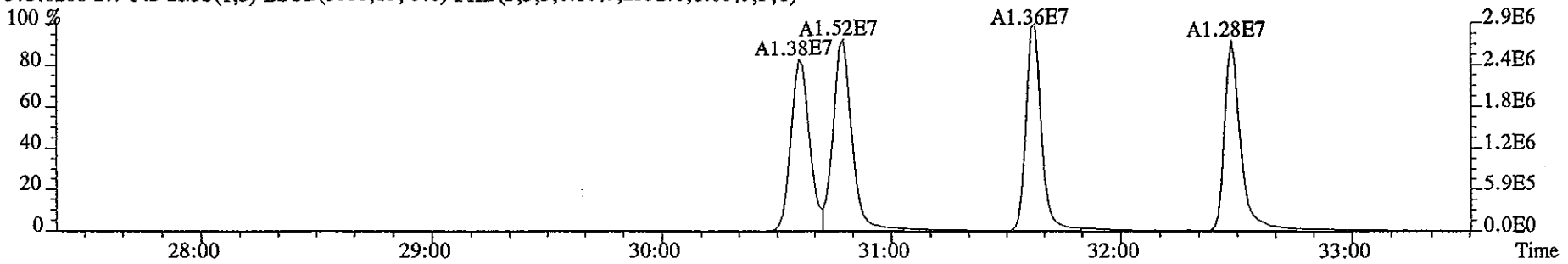


369.8919 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2912.0,1.00%,F,T)

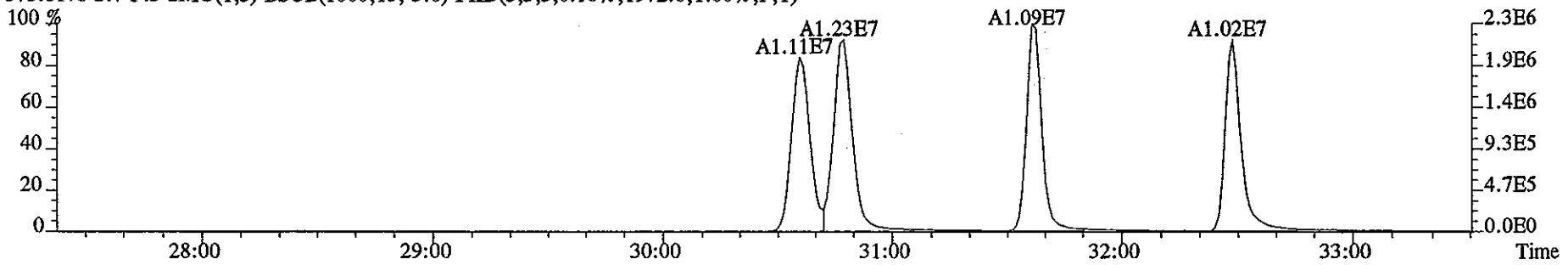


File:29DE058D5 #1-412 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN

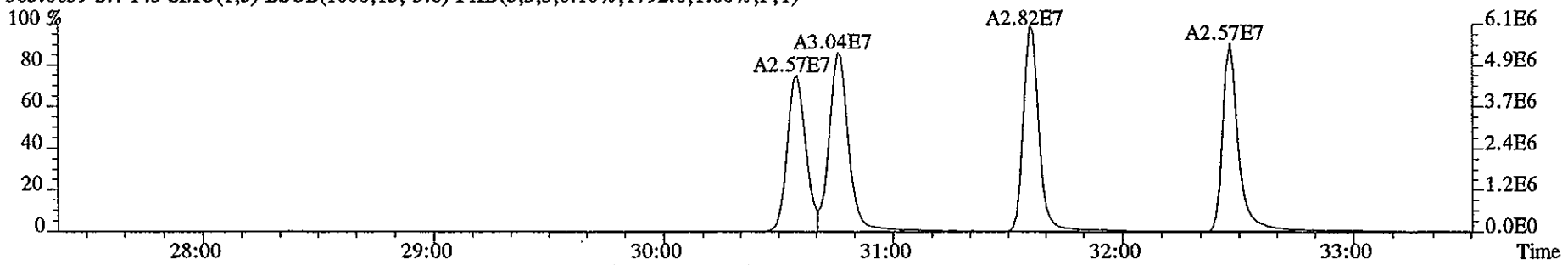
373.8208 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2332.0,1.00%,F,T)



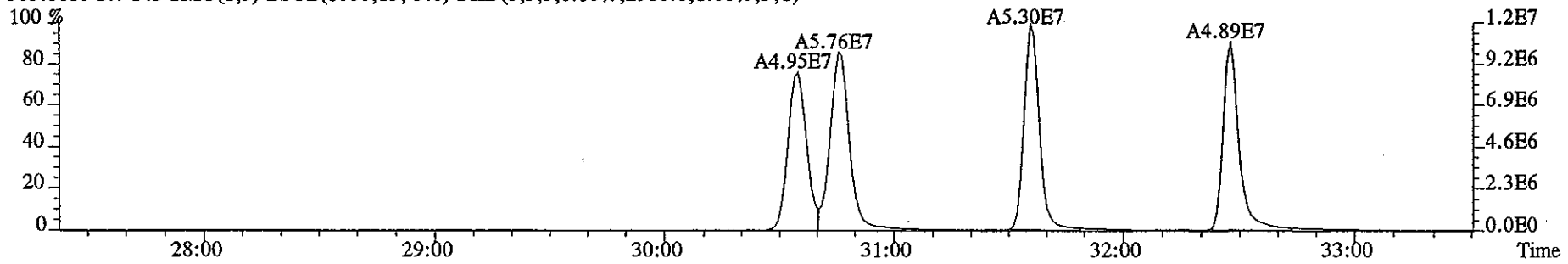
375.8178 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1972.0,1.00%,F,T)



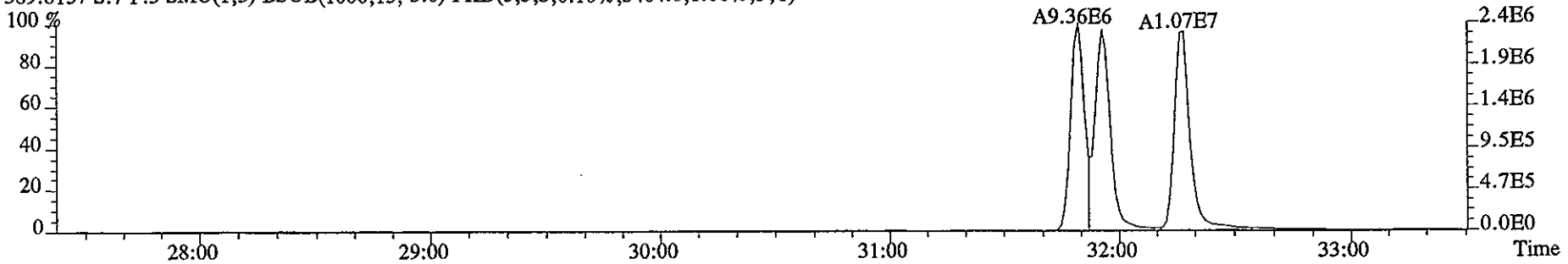
383.8639 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1792.0,1.00%,F,T)

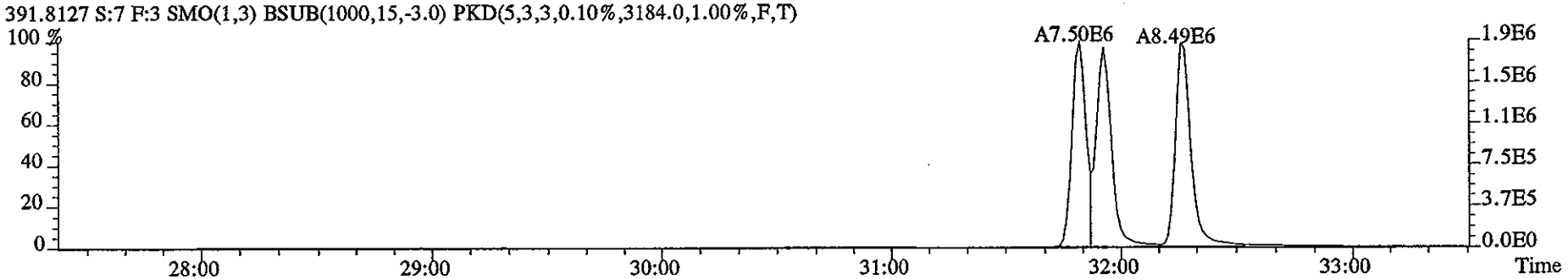


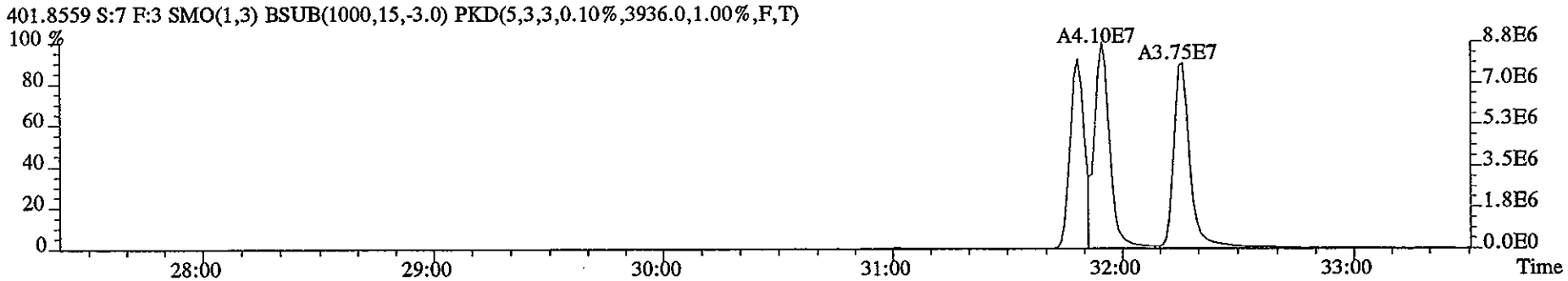
385.8610 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2980.0,1.00%,F,T)

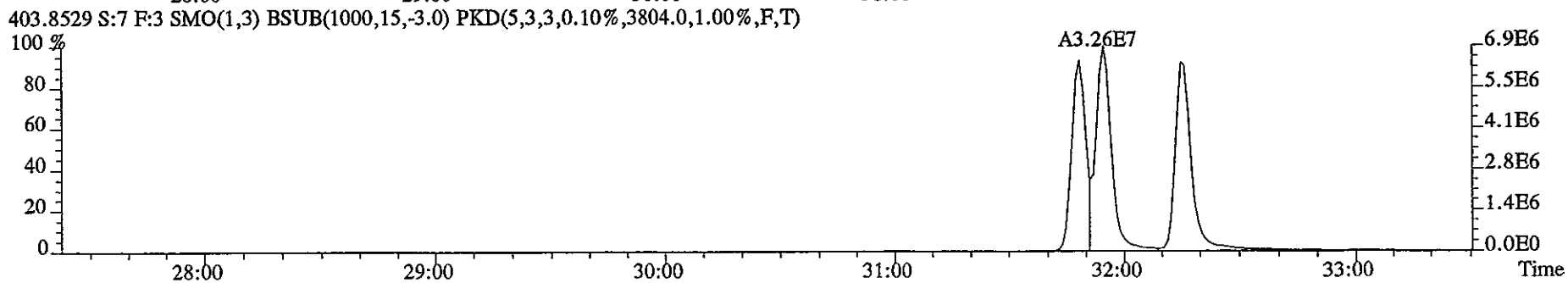


File:29DE058D5 #1-412 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN

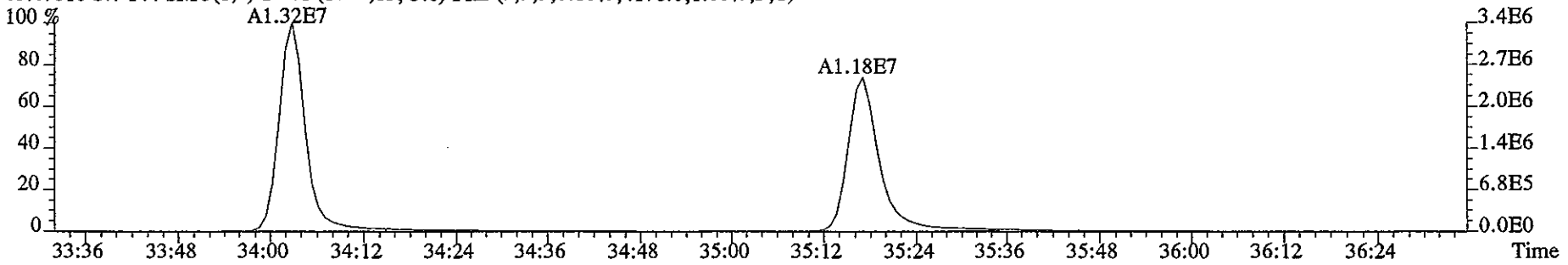


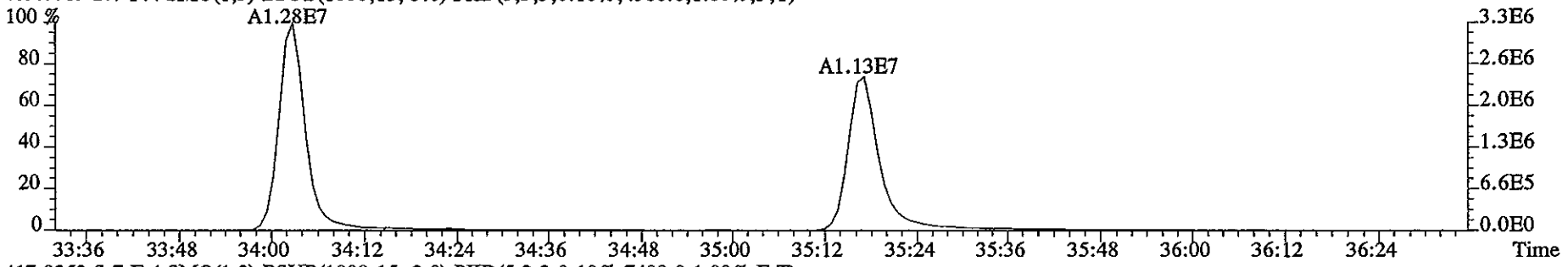


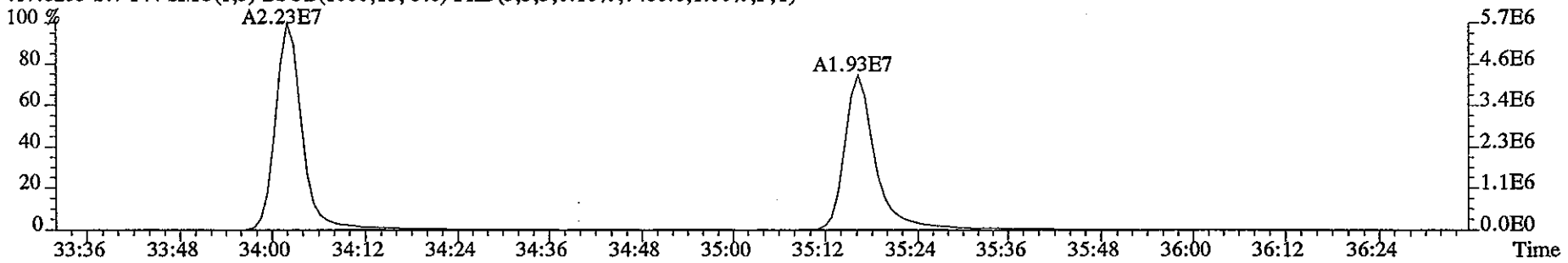


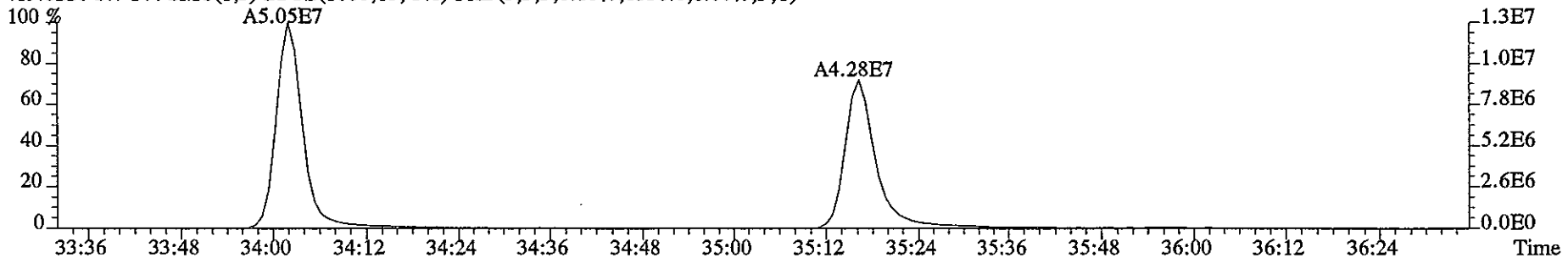


File:29DE058D5 #1-216 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN



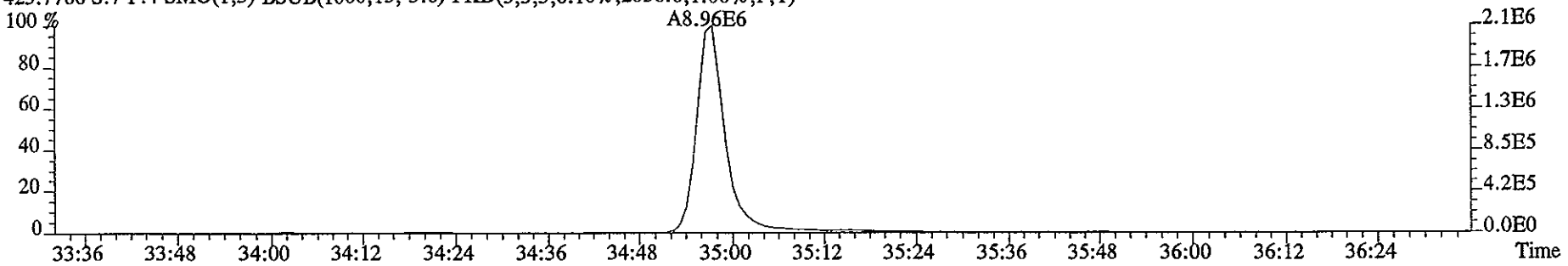




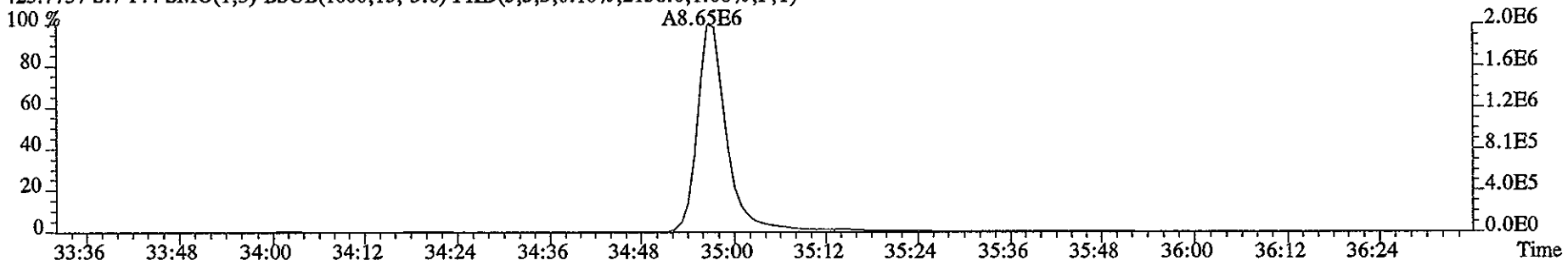


File:29DE058D5 #1-216 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN

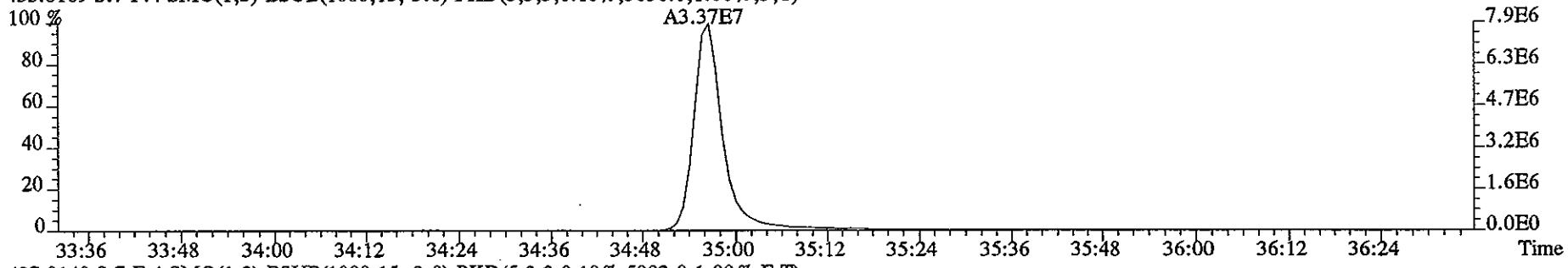
423.7766 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2056.0,1.00%,F,T)



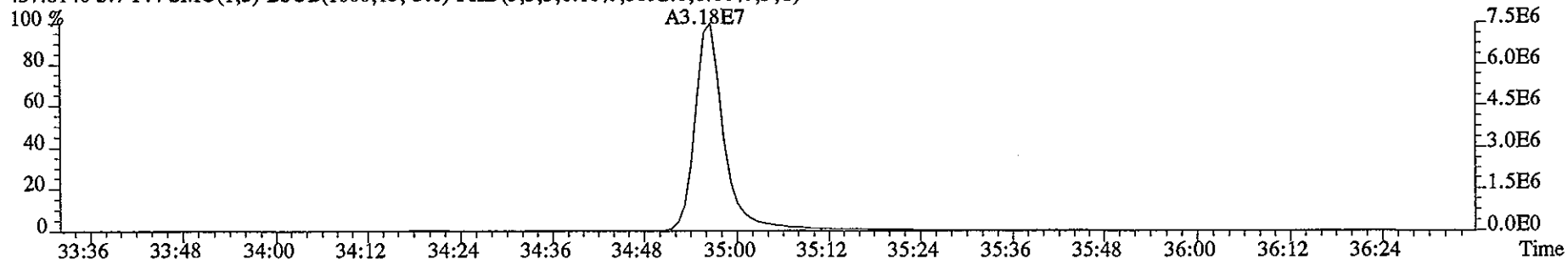
425.7737 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2156.0,1.00%,F,T)



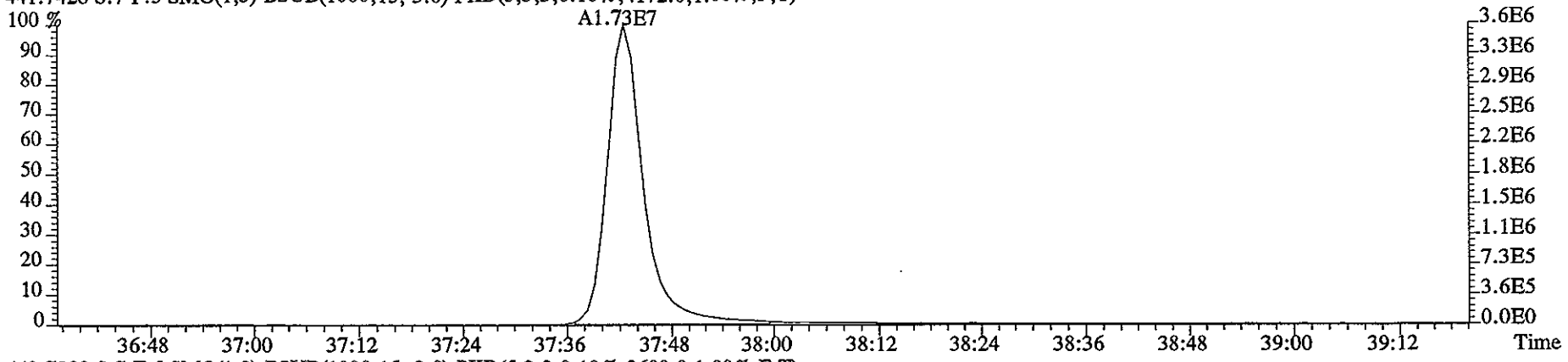
435.8169 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5656.0,1.00%,F,T)



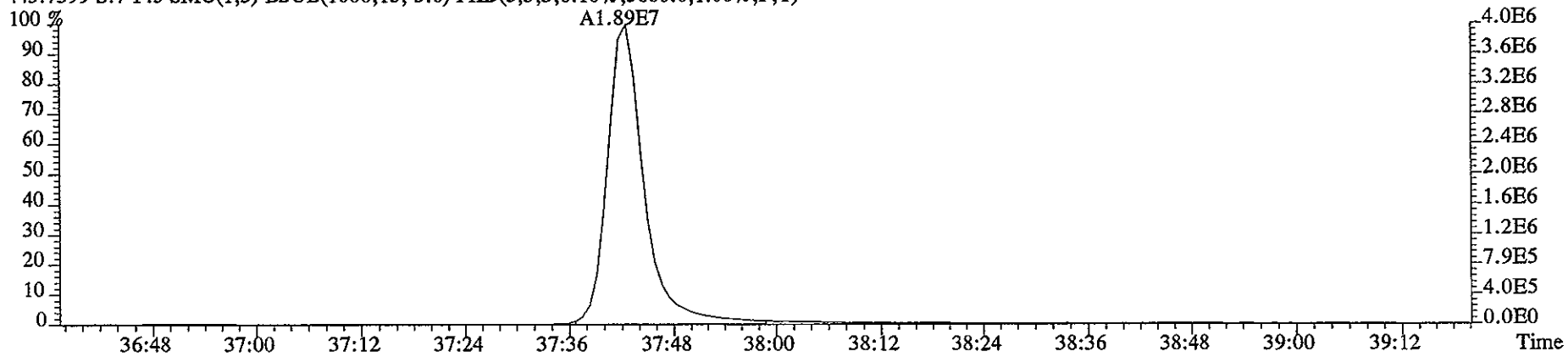
437.8140 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5092.0,1.00%,F,T)



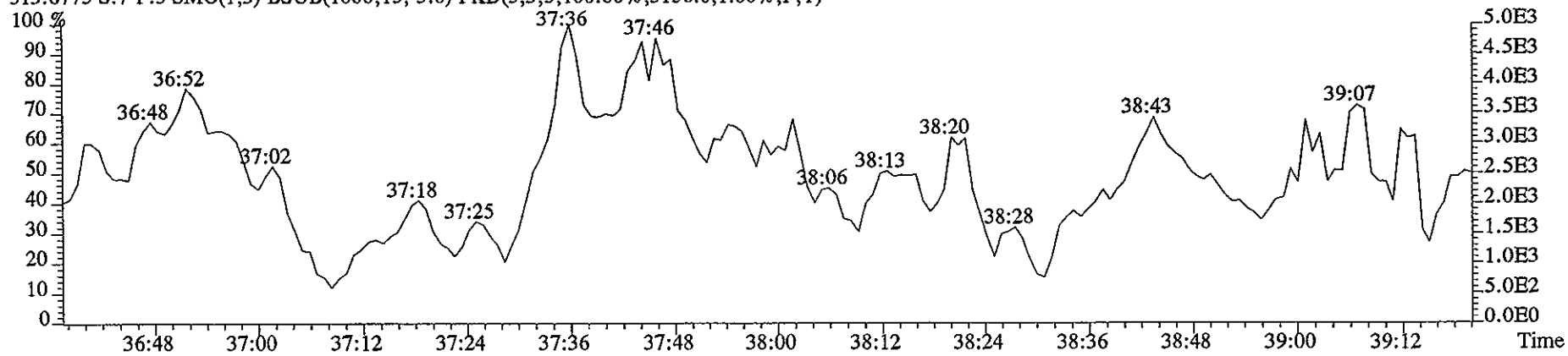
File:29DE058D5 #1-196 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN
441.7428 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4172.0,1.00%,F,T)



443.7399 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3680.0,1.00%,F,T)

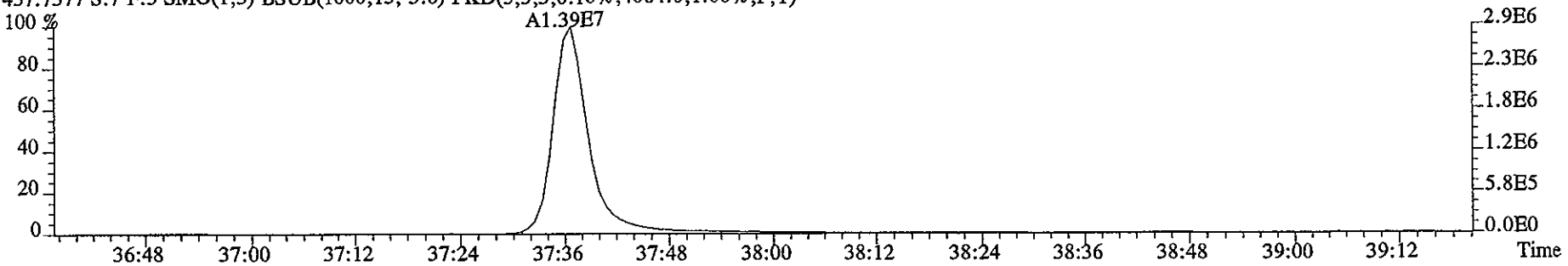


513.6775 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,3156.0,1.00%,F,T)

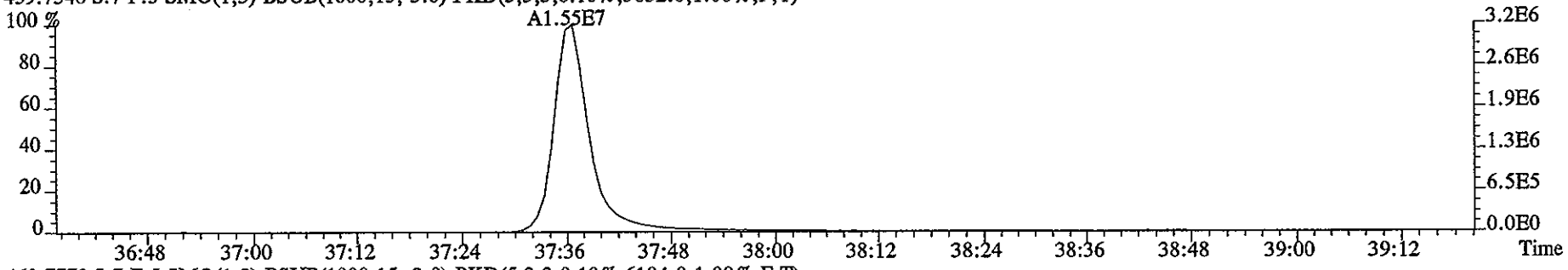


File:29DE058D5 #1-196 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN

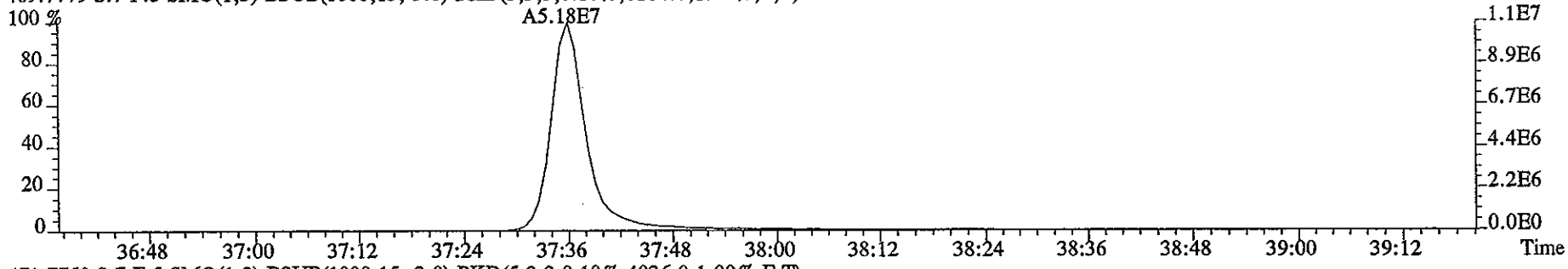
457.7377 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4064.0,1.00%,F,T)



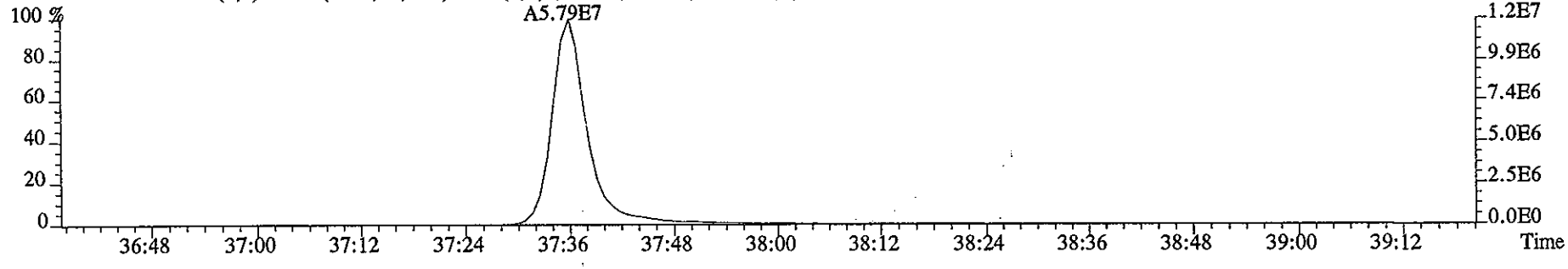
459.7348 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3652.0,1.00%,F,T)



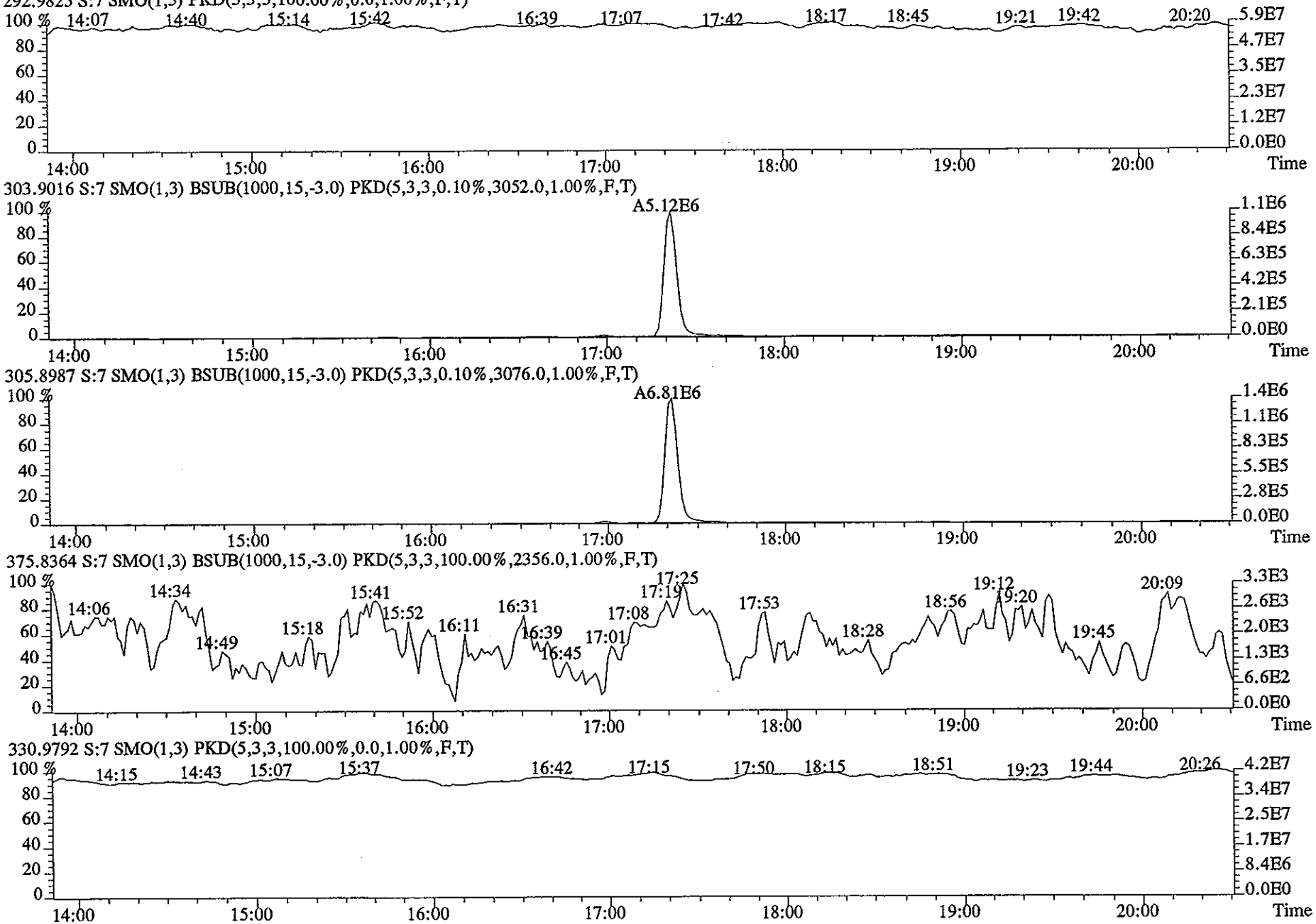
469.7779 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6184.0,1.00%,F,T)



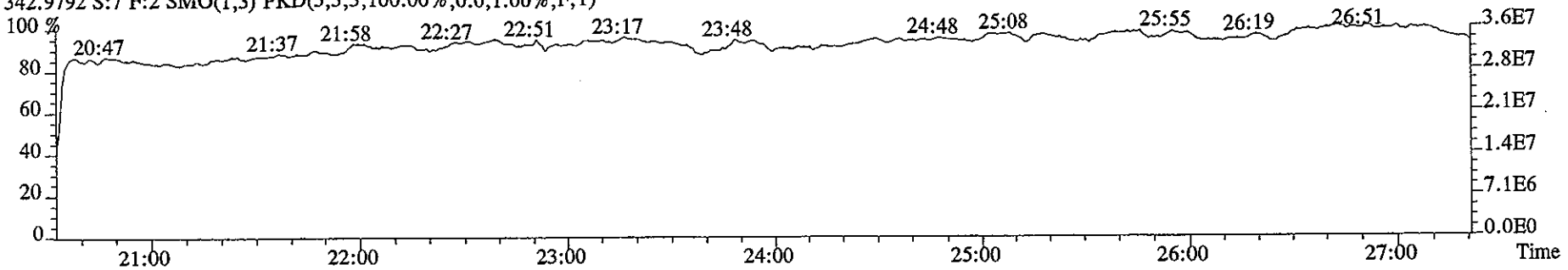
471.7750 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4936.0,1.00%,F,T)



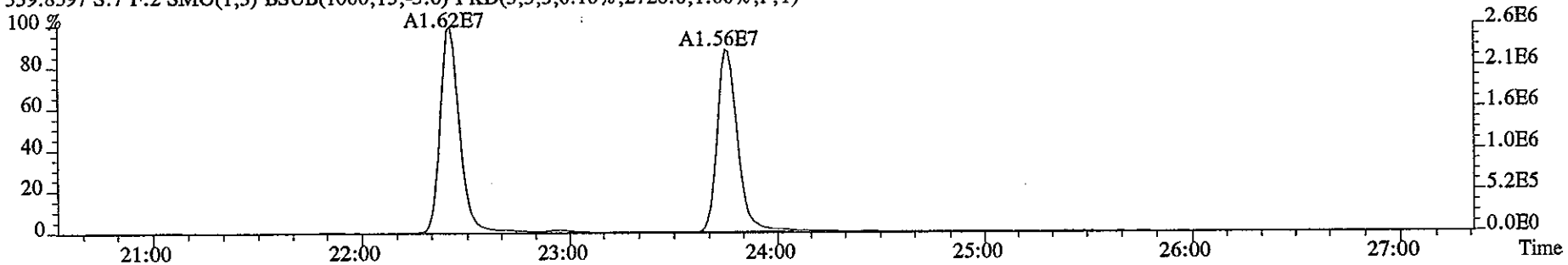
File:29DE058D5 #1-362 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN



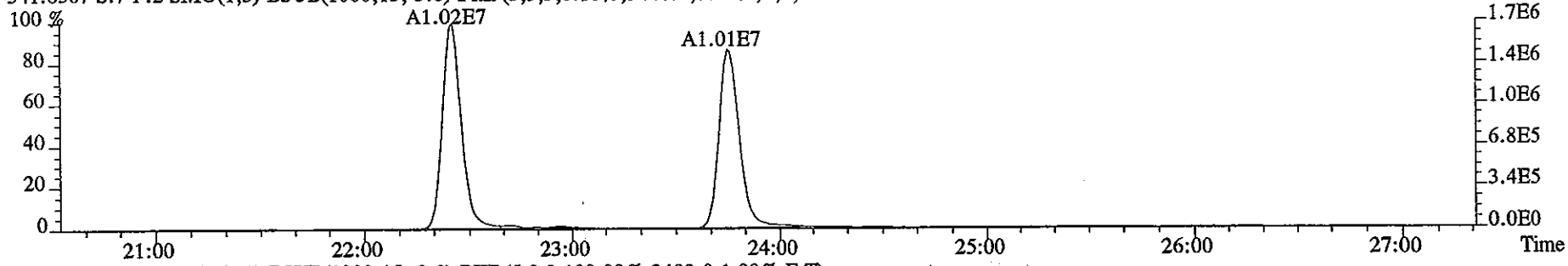
File:29DE058D5 #1-479 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN
342.9792 S:7 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



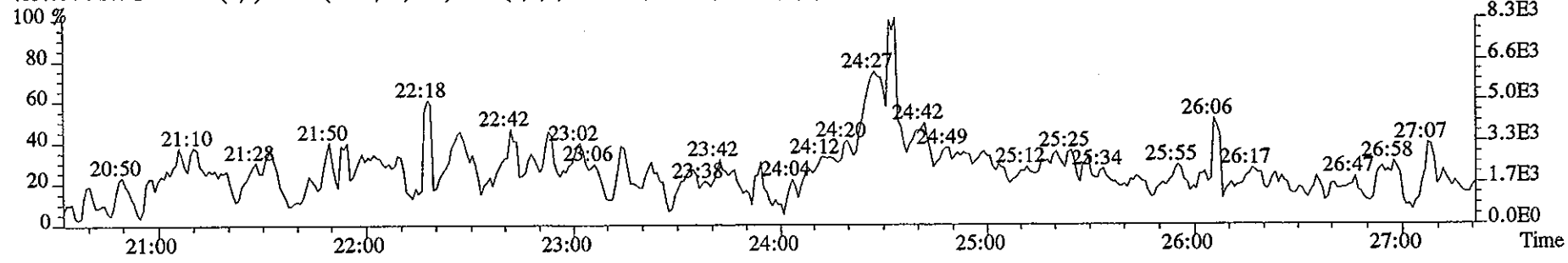
339.8597 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2728.0,1.00%,F,T)



341.8567 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3448.0,1.00%,F,T)

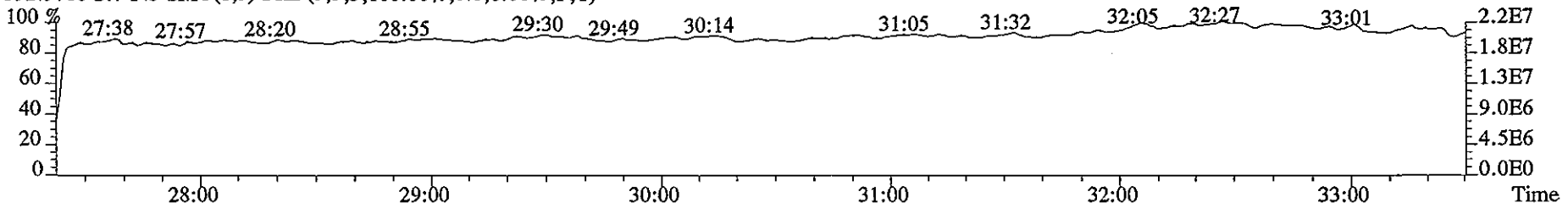


409.7974 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2492.0,1.00%,F,T)

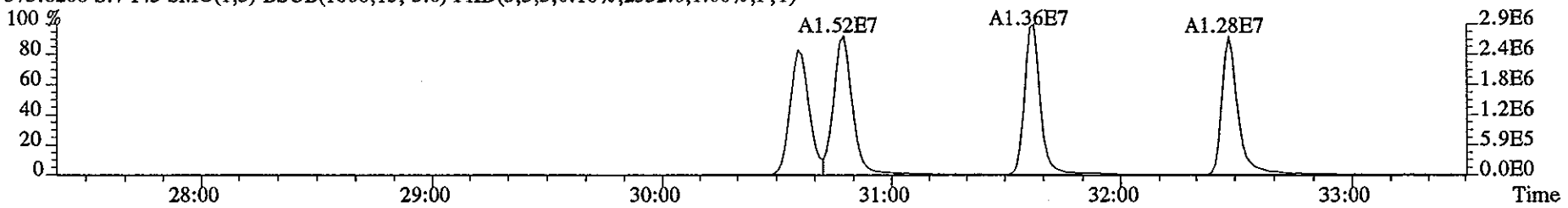


File:29DE058D5 #1-412 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN

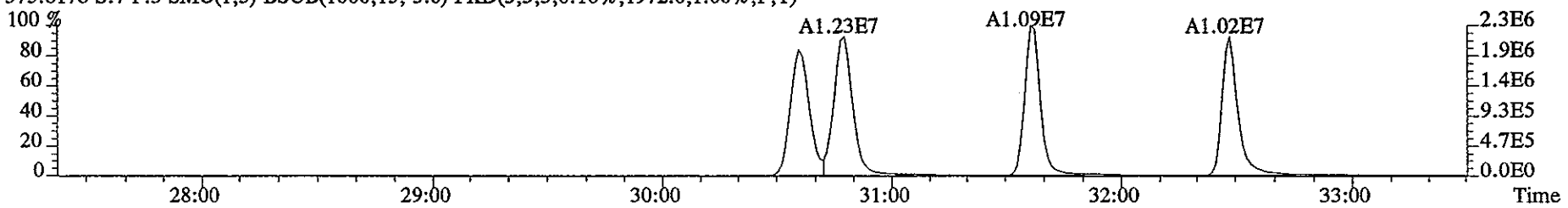
392.9760 S:7 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



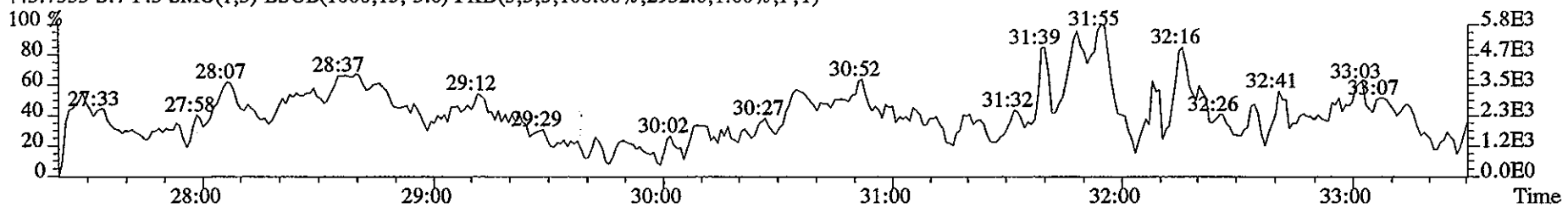
373.8208 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2332.0,1.00%,F,T)



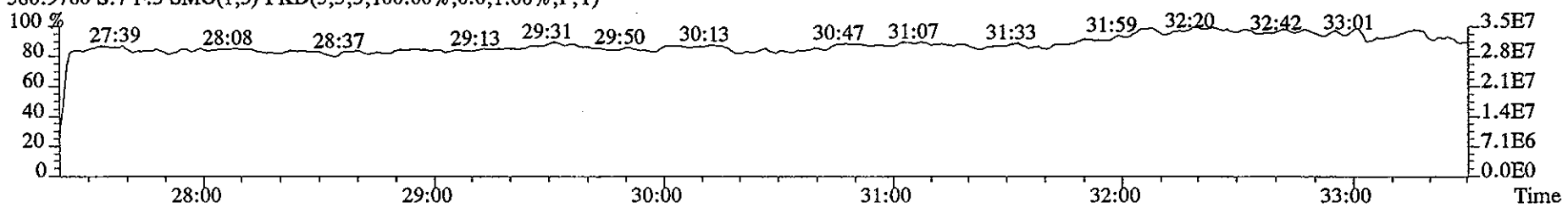
375.8178 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1972.0,1.00%,F,T)



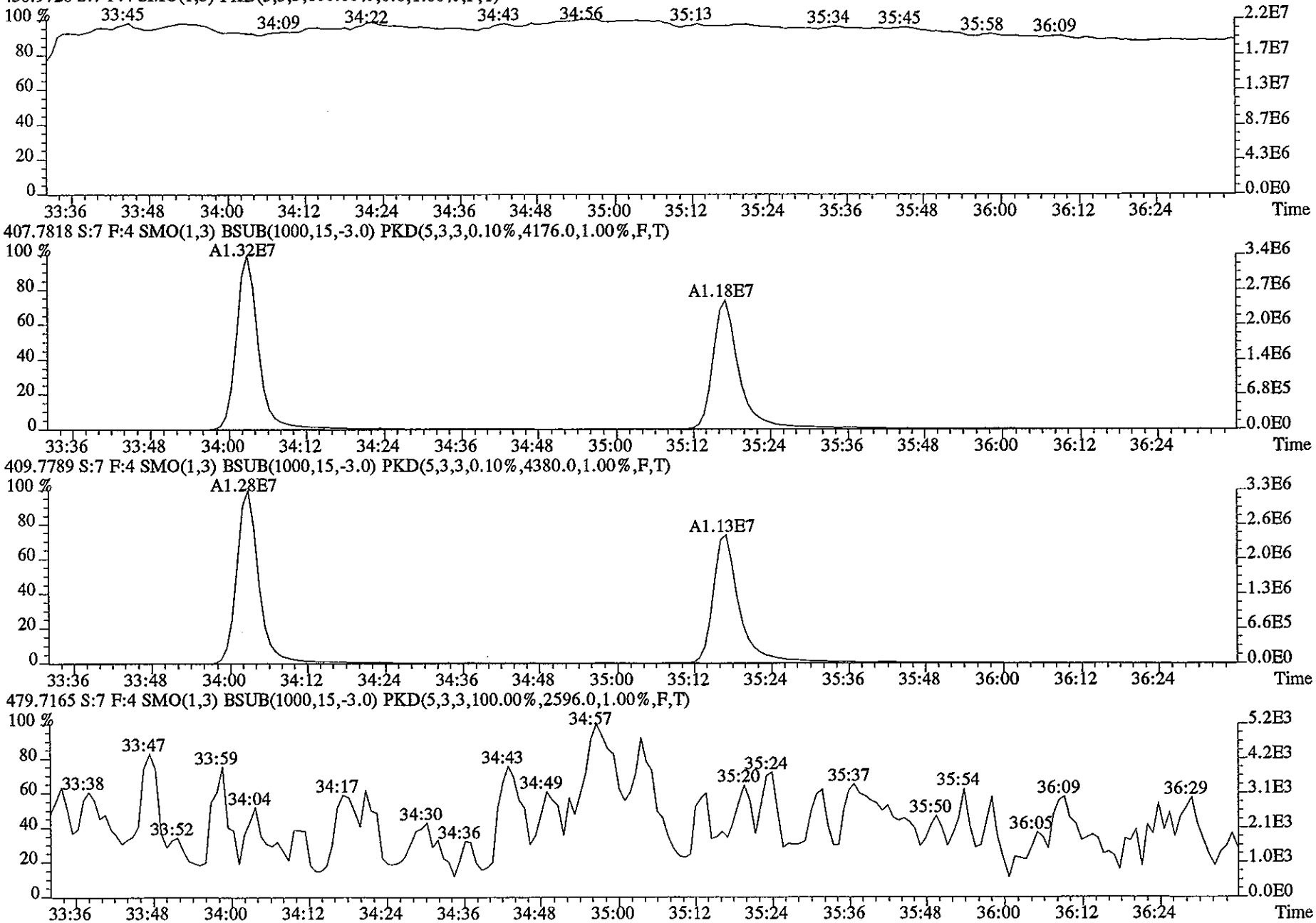
445.7555 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2932.0,1.00%,F,T)



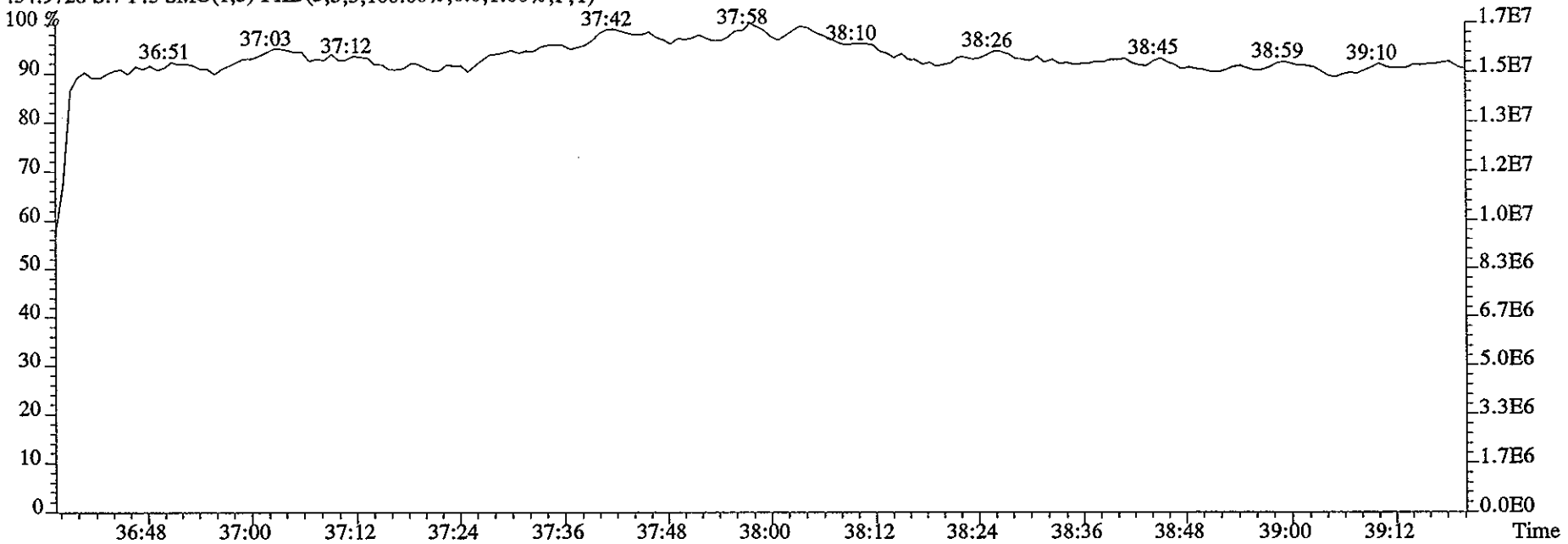
380.9760 S:7 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



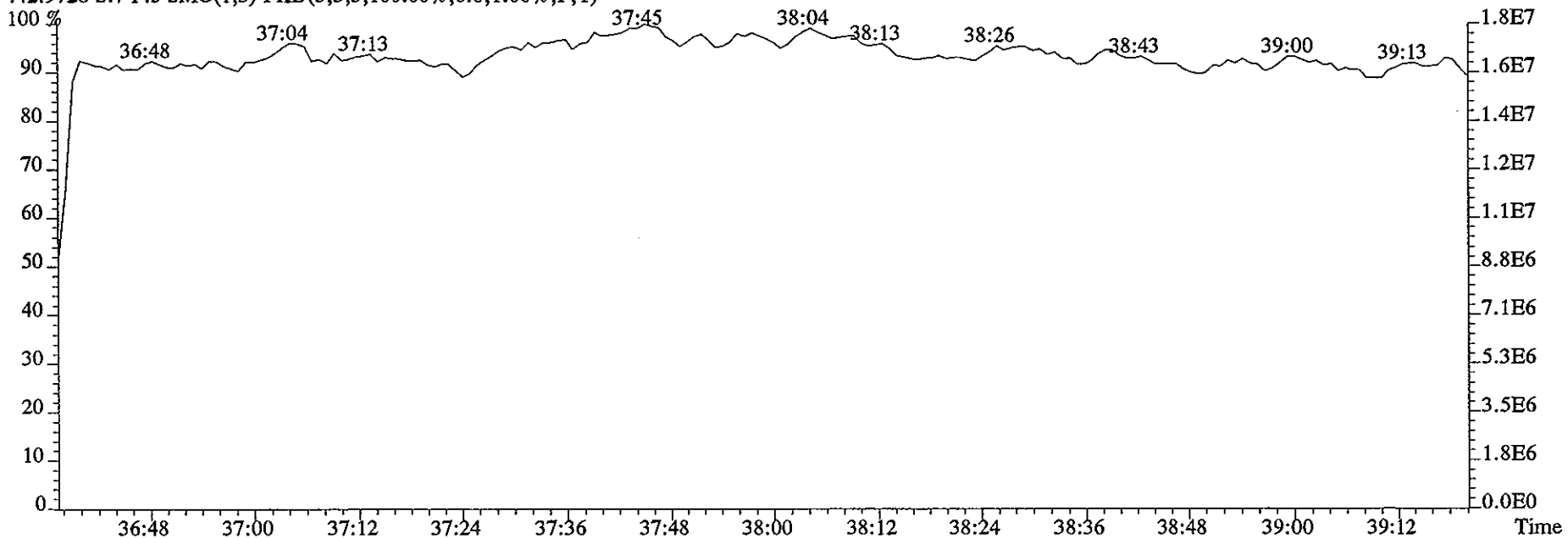
File:29DE058D5 #1-216 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN



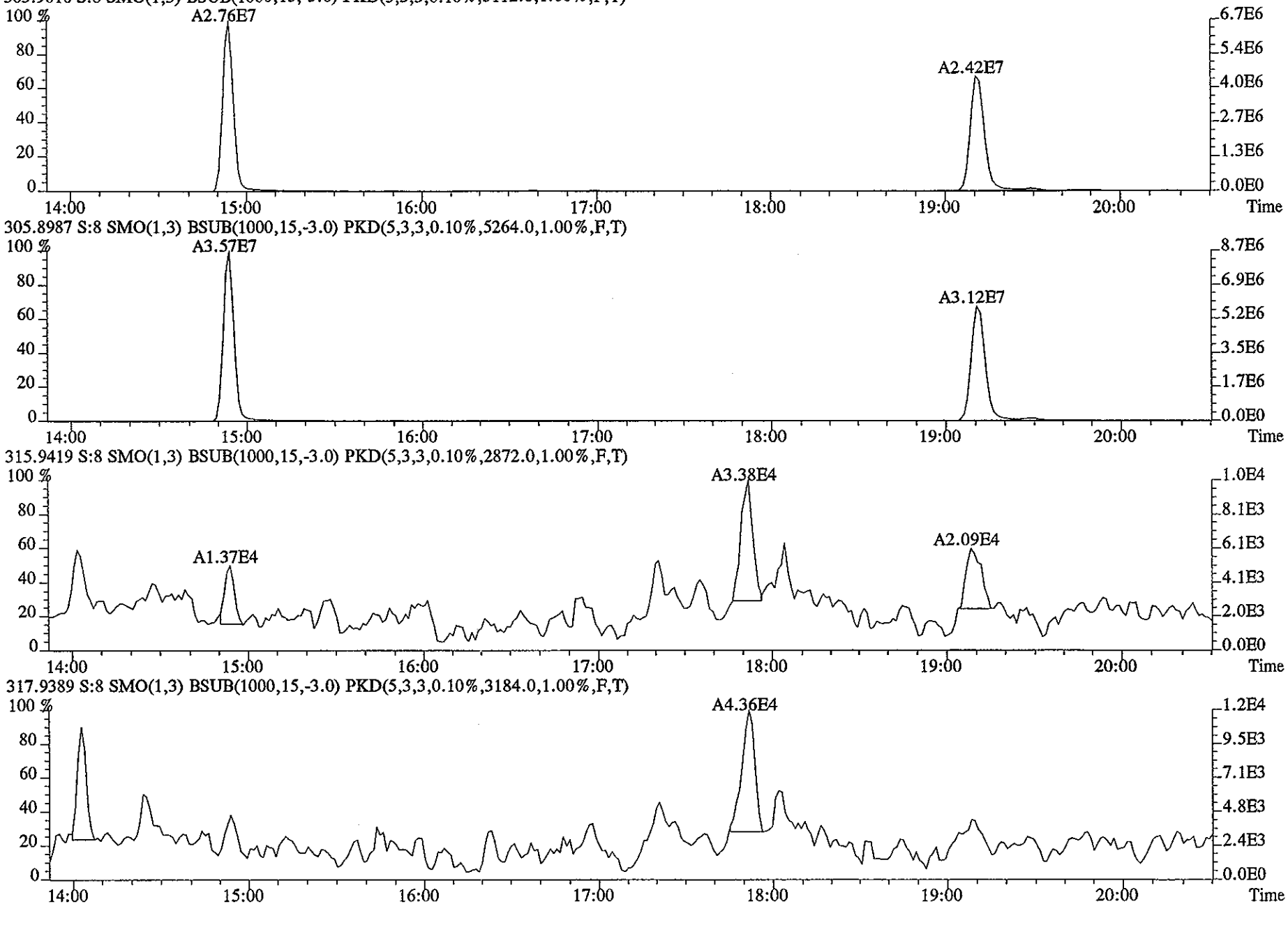
File:29DE058D5 #1-196 Acq:29-DEC-2005 21:12:23 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 Text:ST1229E :2nd Source 2565-65 Exp:DIOXIN
454.9728 S:7 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



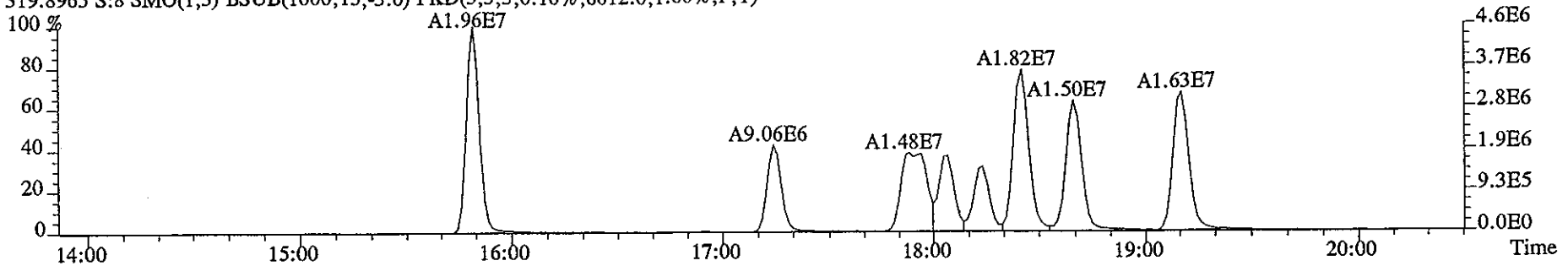
442.9728 S:7 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

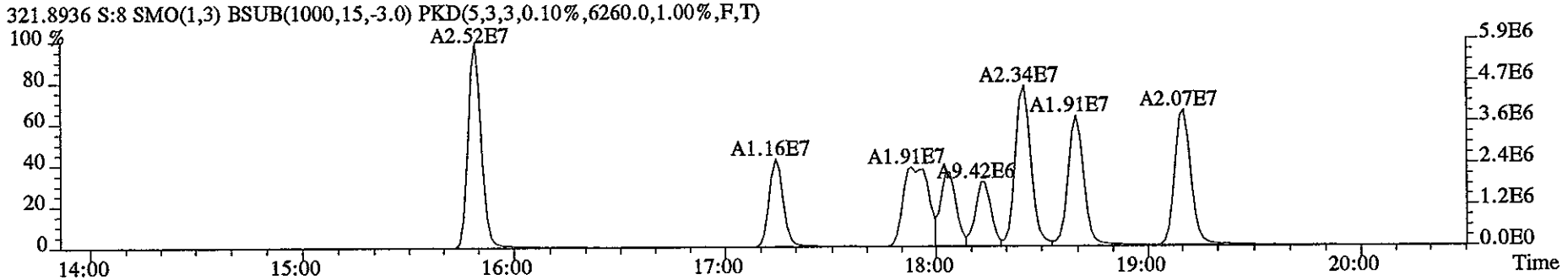


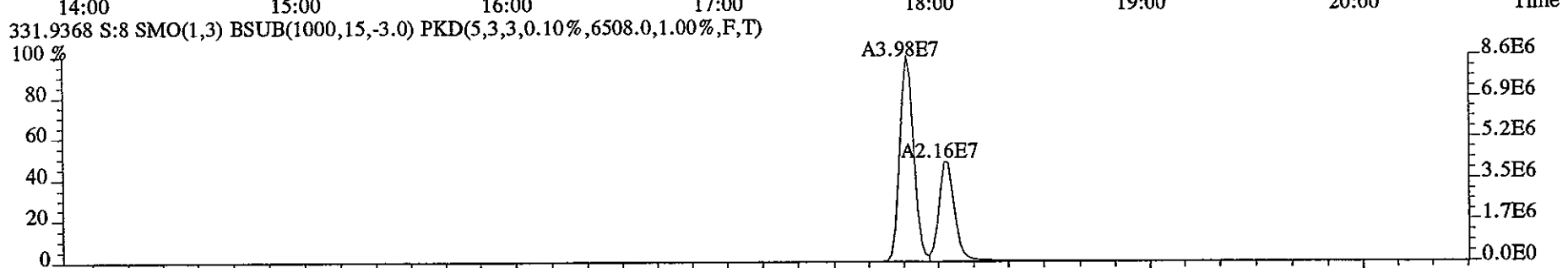
File:29DE058D5 #1-361 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN

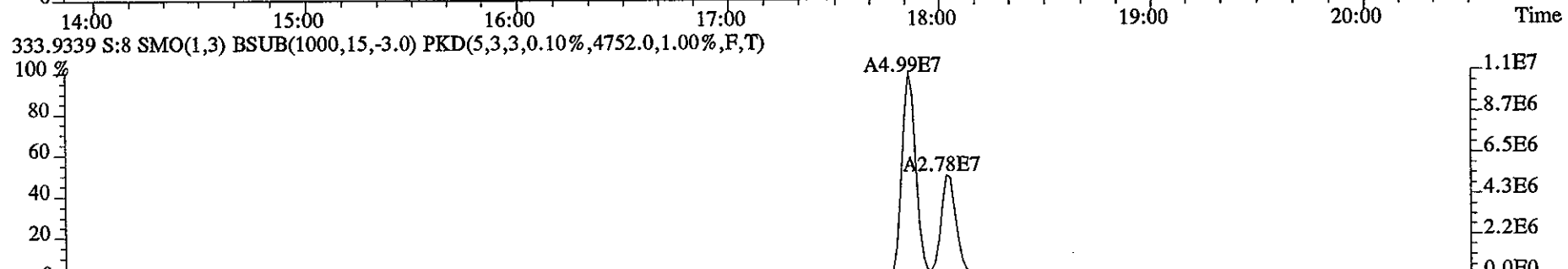


File:29DE058D5 #1-361 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN

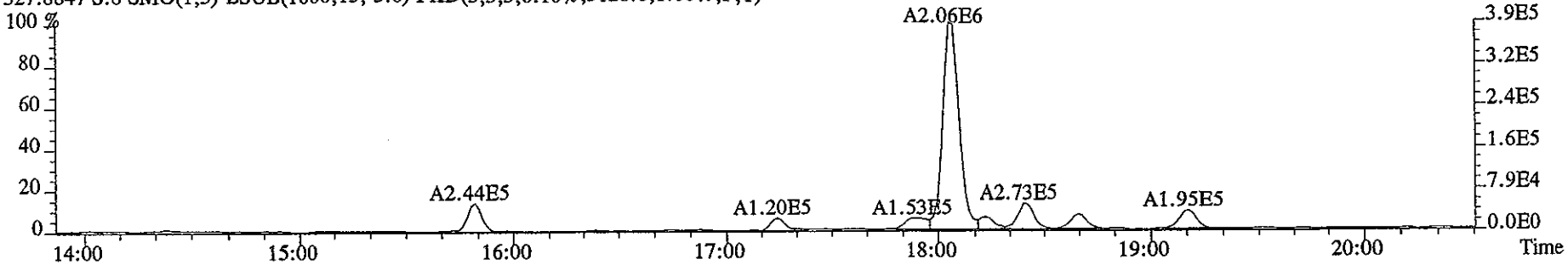




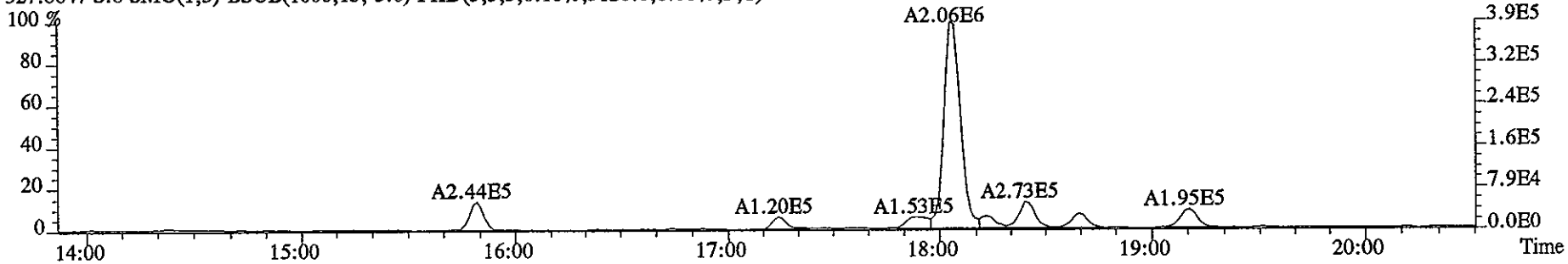




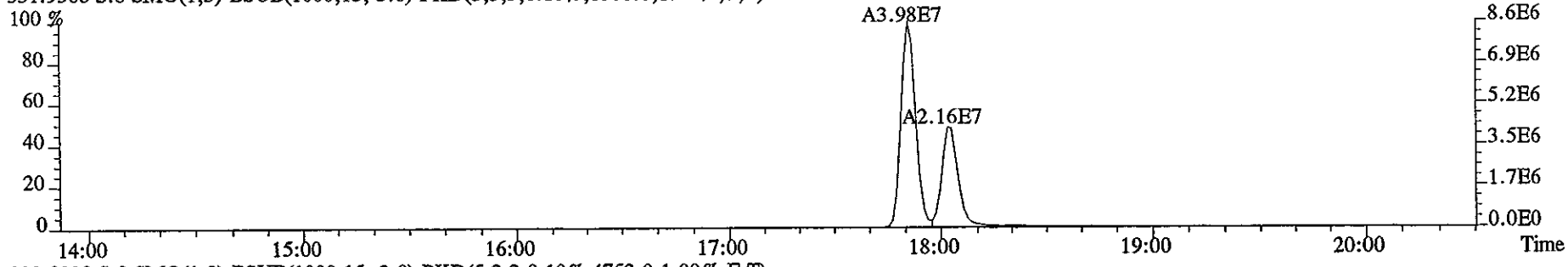
File:29DE058D5 #1-361 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN
327.8847 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3128.0,1.00%,F,T)



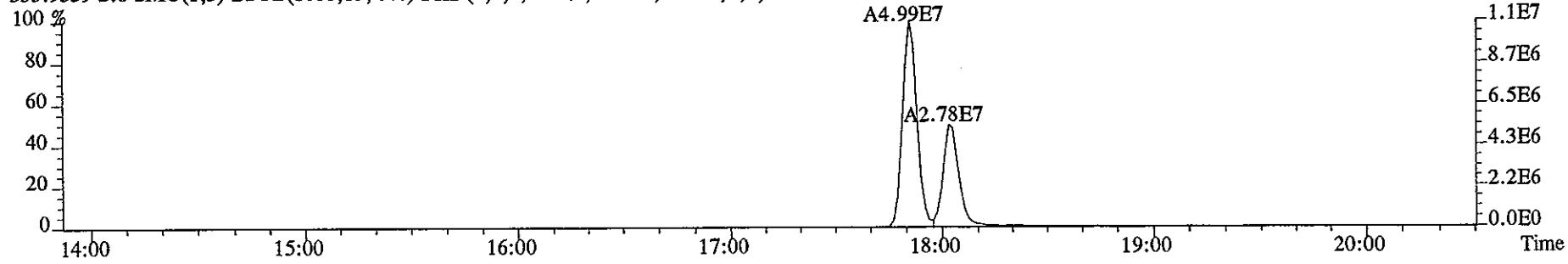
327.8847 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3128.0,1.00%,F,T)



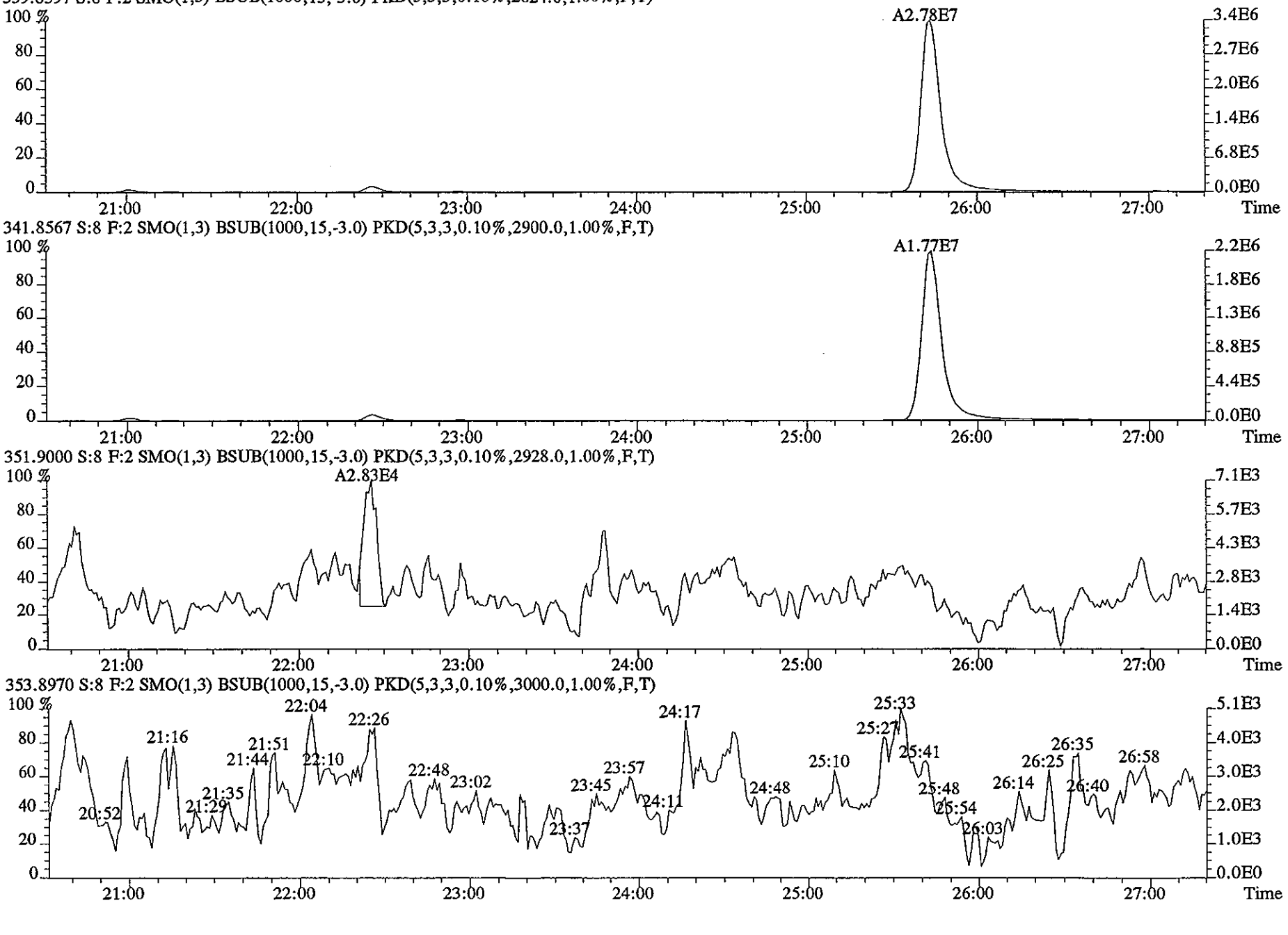
331.9368 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6508.0,1.00%,F,T)



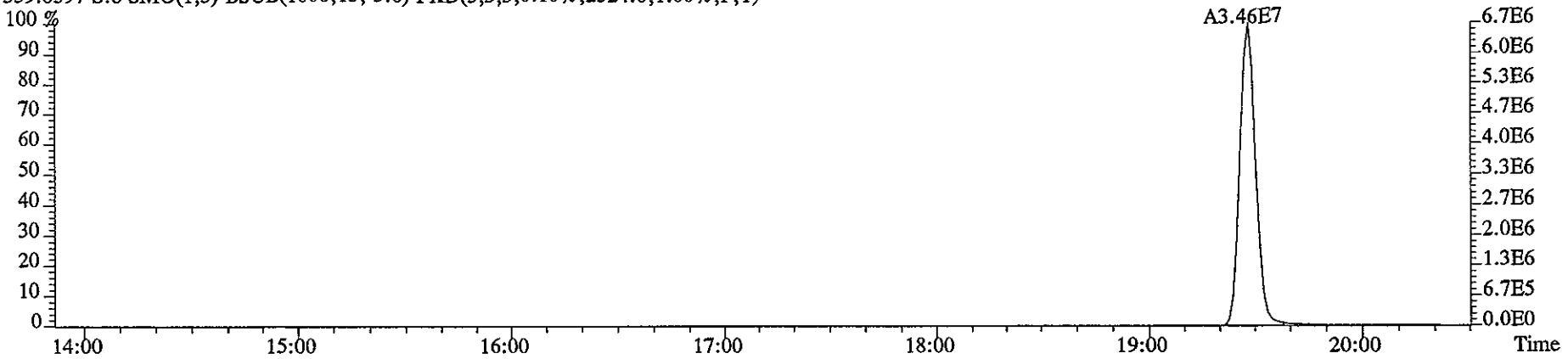
333.9339 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4752.0,1.00%,F,T)



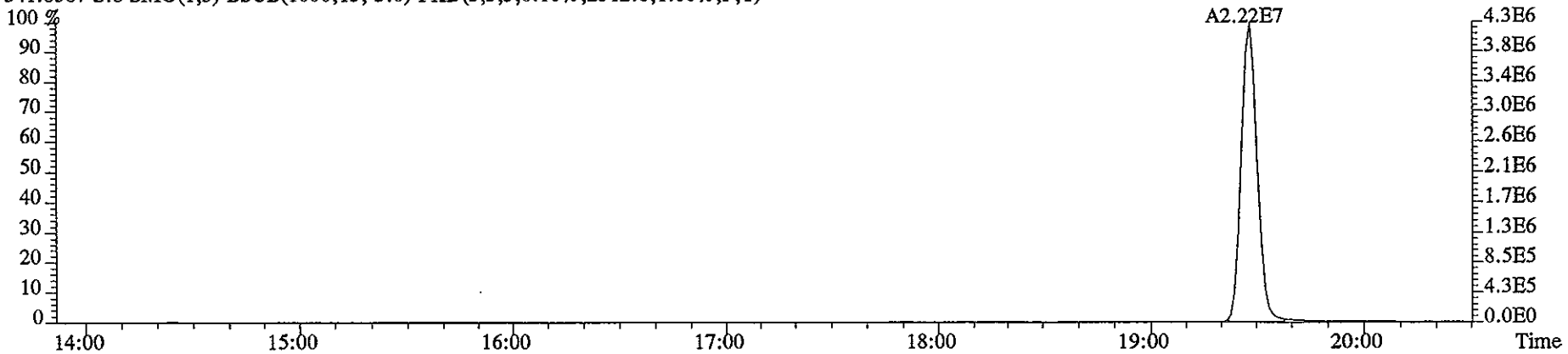
File:29DE058D5 #1-479 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN



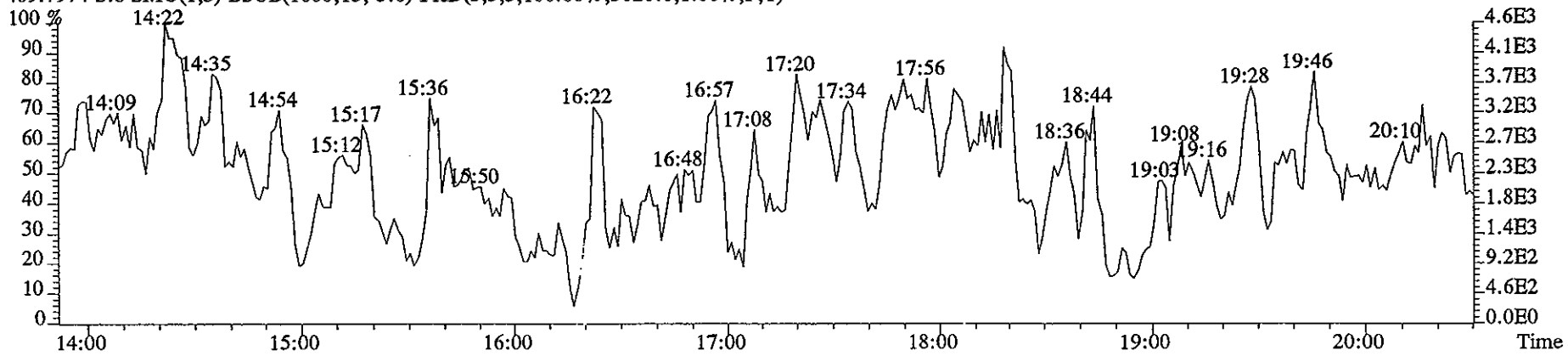
File:29DE058D5 #1-361 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN
339.8597 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2524.0,1.00%,F,T)



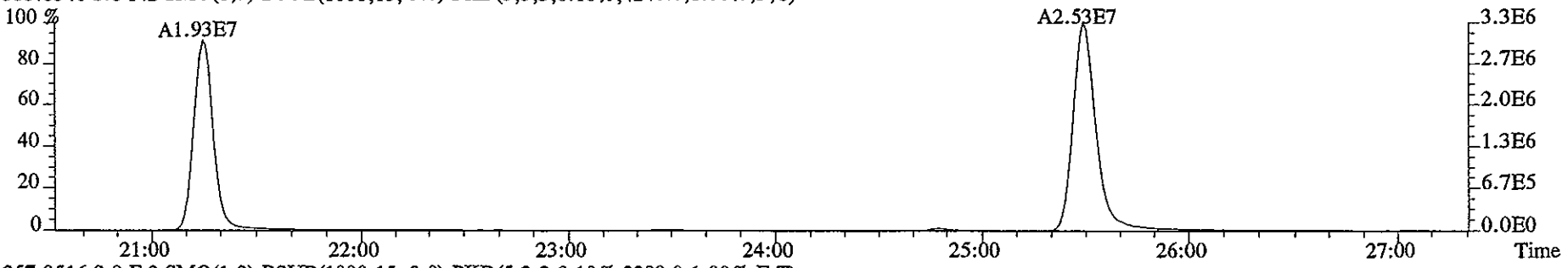
341.8567 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2512.0,1.00%,F,T)

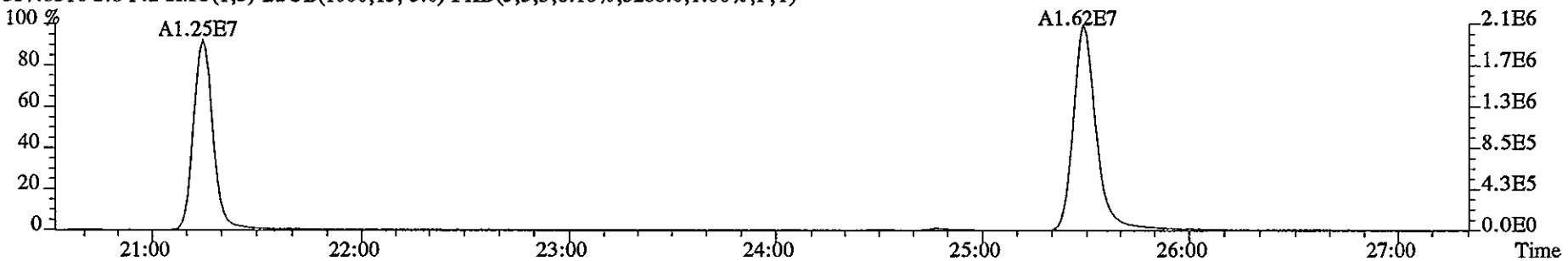


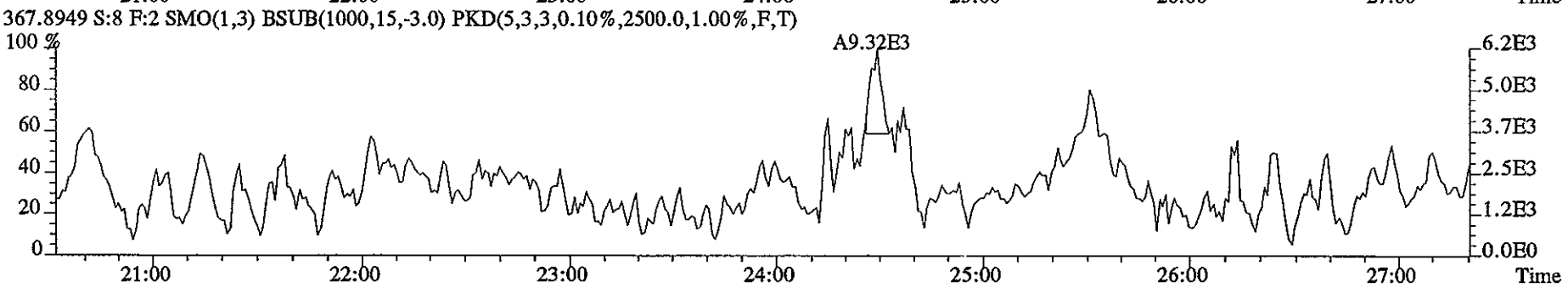
409.7974 S:8 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3020.0,1.00%,F,T)

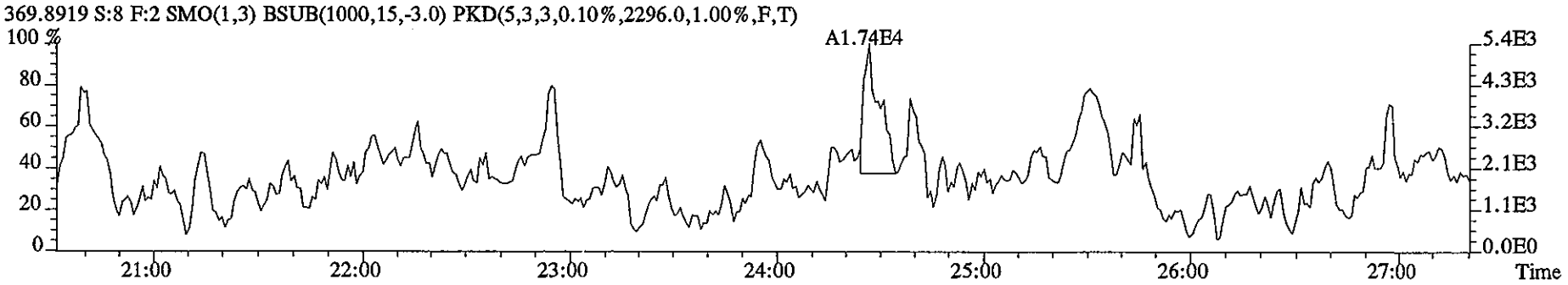


File:29DE058D5 #1-479 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN

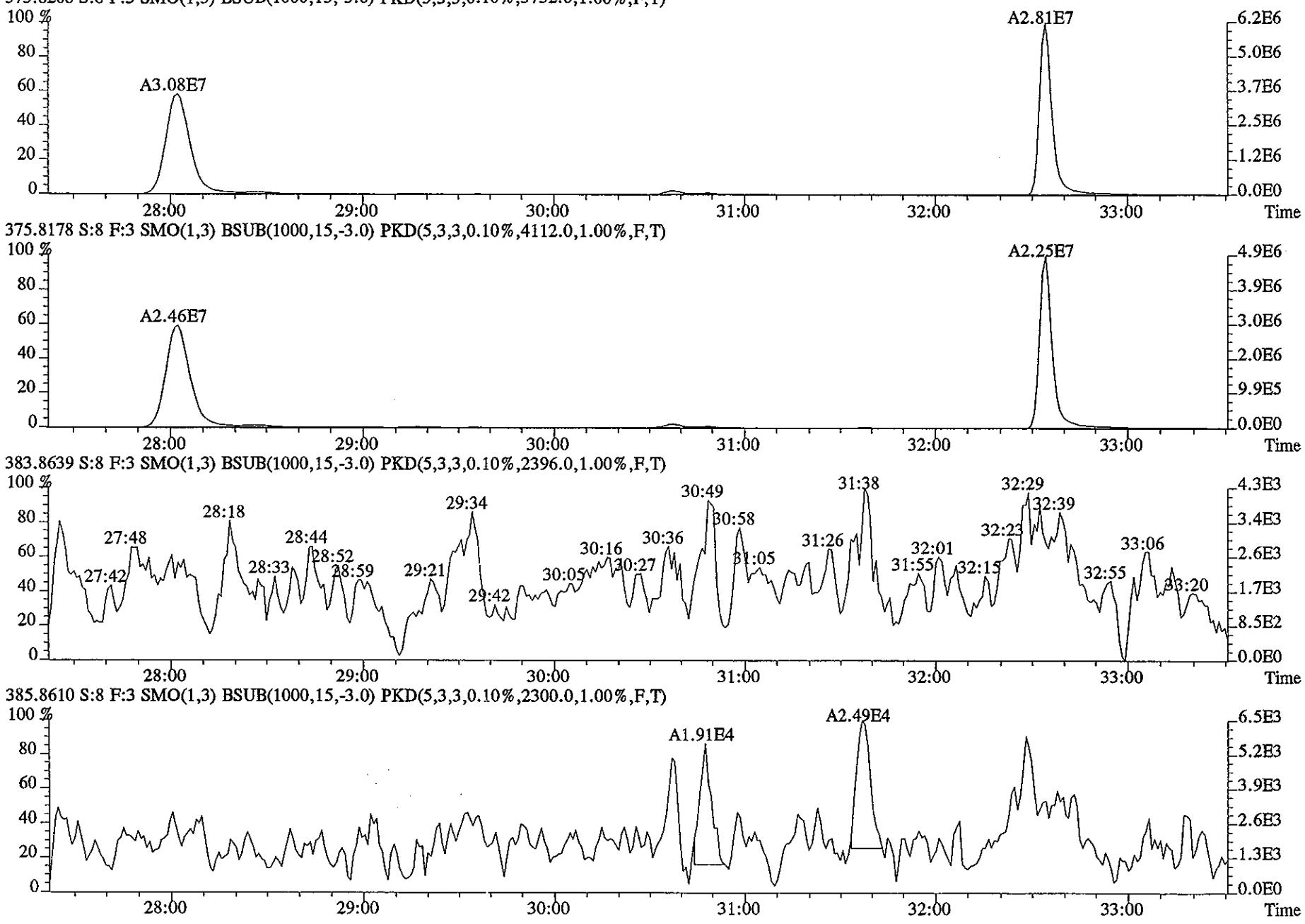




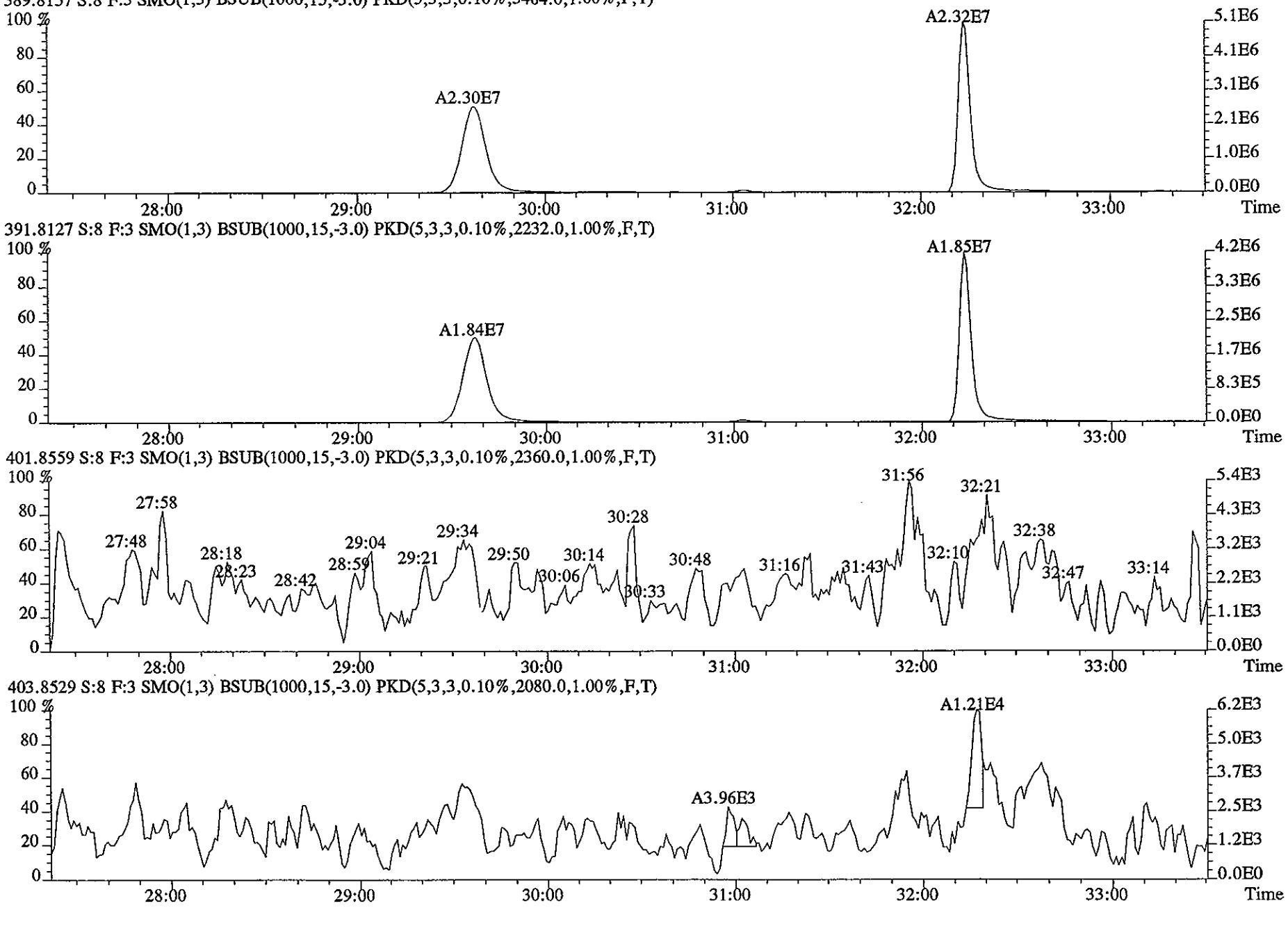




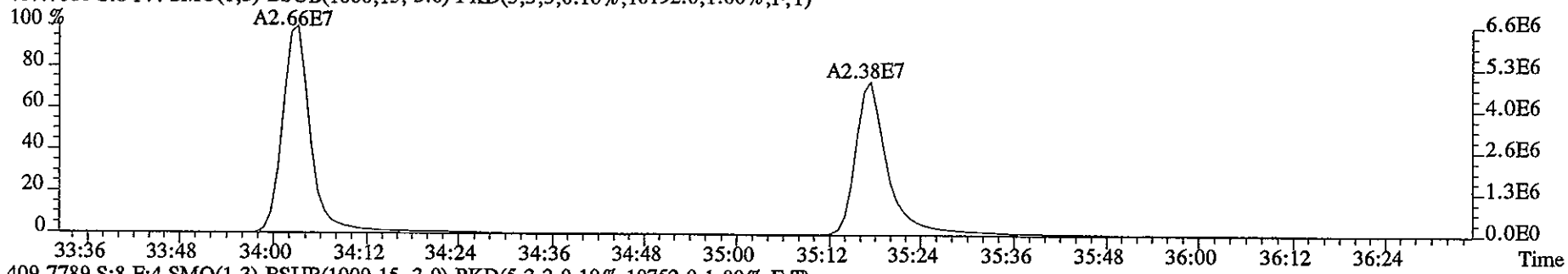
File:29DE058D5 #1-413 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN

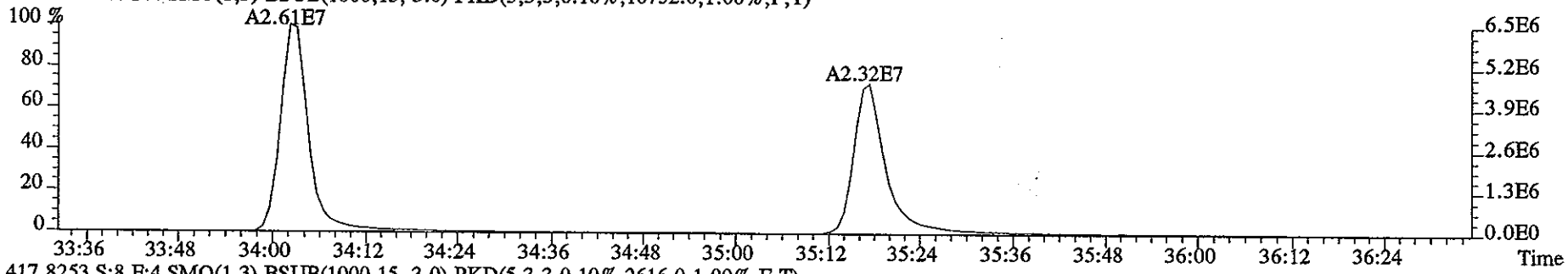


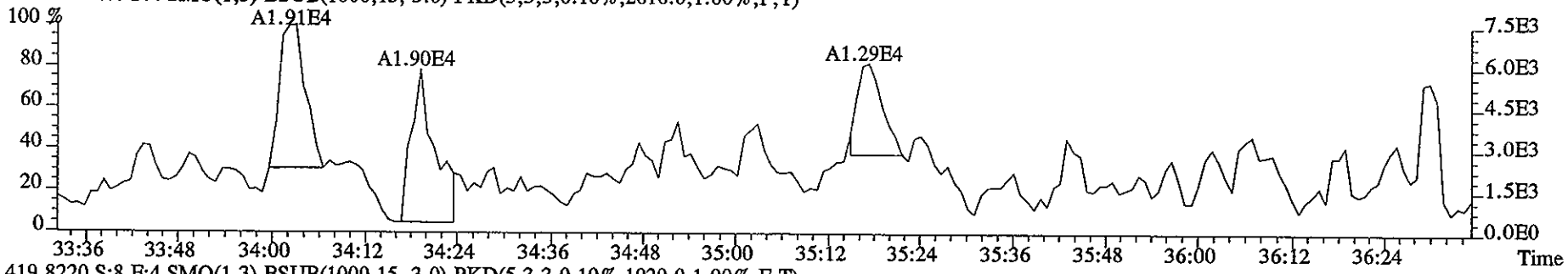
File:29DE058D5 #1-413 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN

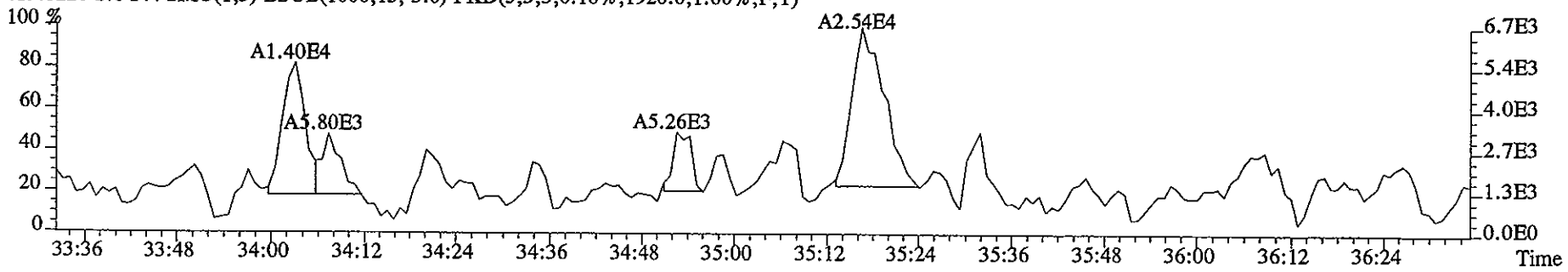


File:29DE058D5 #1-215 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN

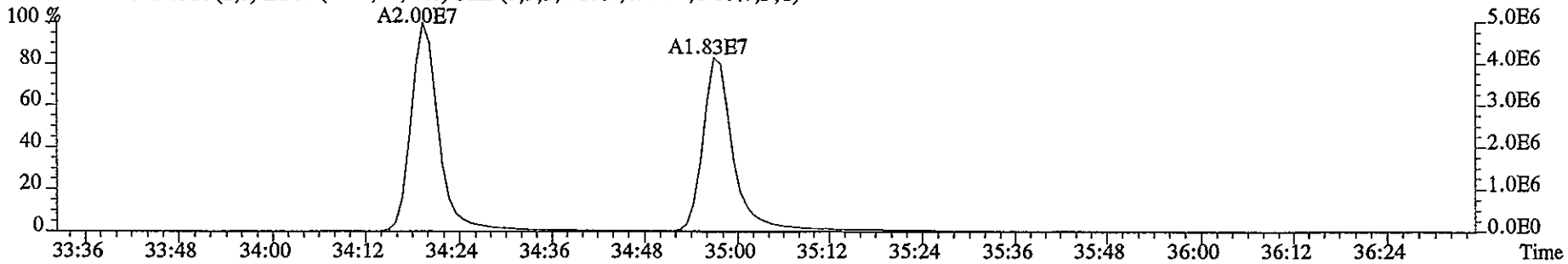




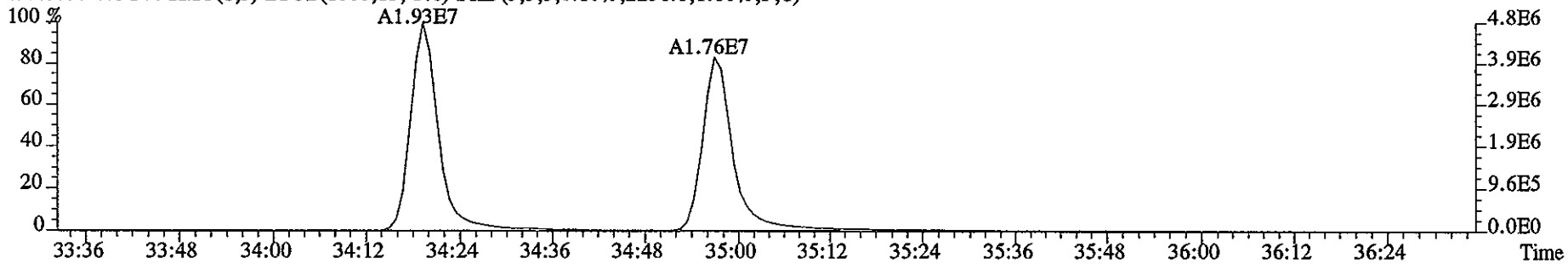




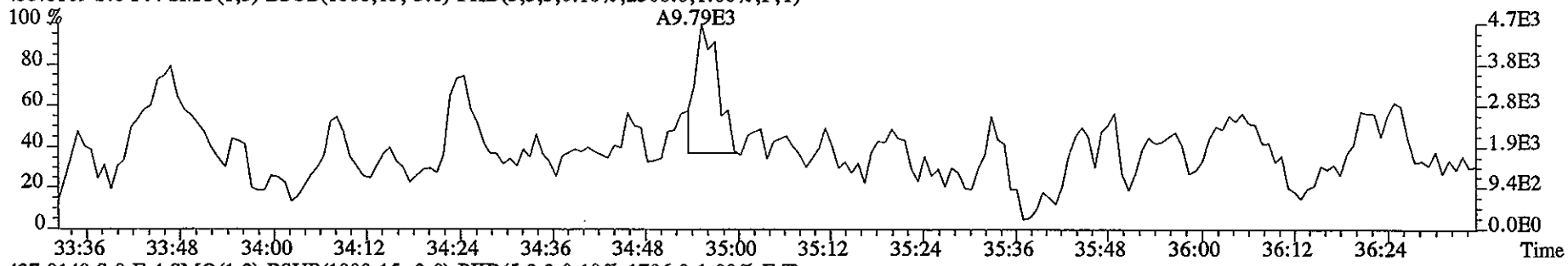
File:29DE058D5 #1-215 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN
423.7766 S:8 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1992.0,1.00%,F,T)



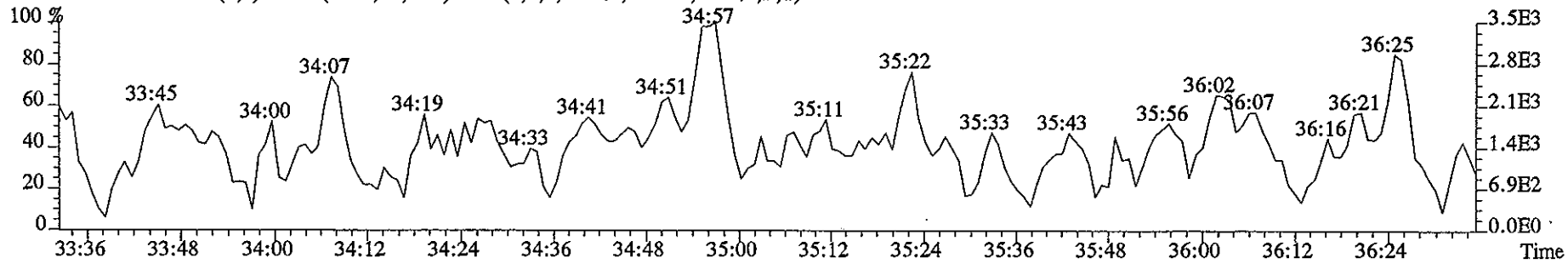
425.7737 S:8 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2256.0,1.00%,F,T)



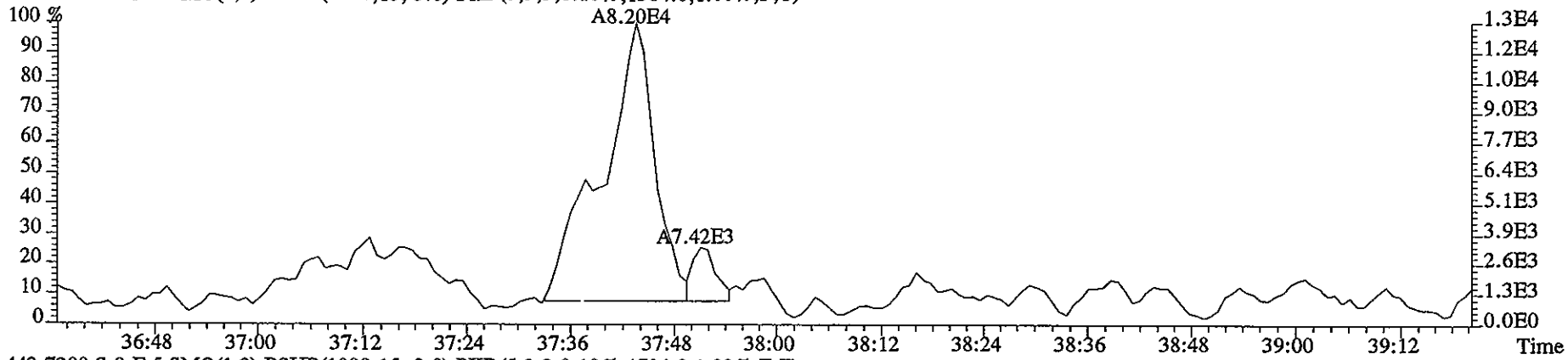
435.8169 S:8 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2308.0,1.00%,F,T)



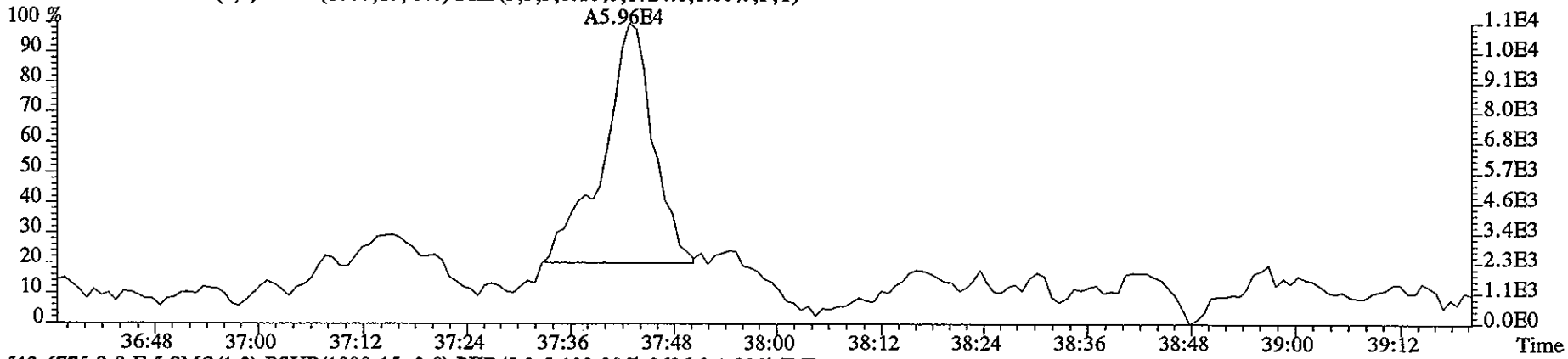
437.8140 S:8 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1796.0,1.00%,F,T)



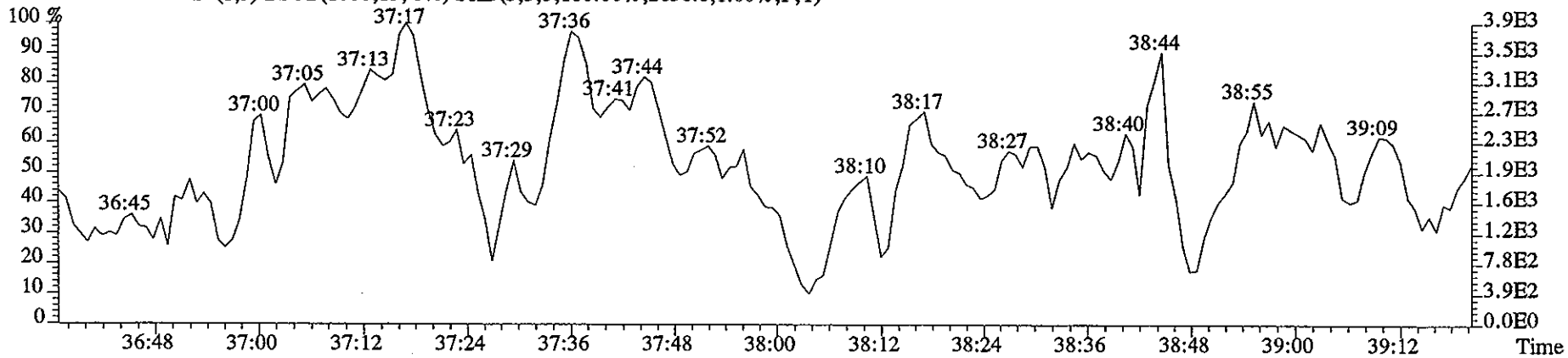
File:29DE058D5 #1-197 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN
441.7428 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1384.0,1.00%,F,T)



443.7399 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1724.0,1.00%,F,T)

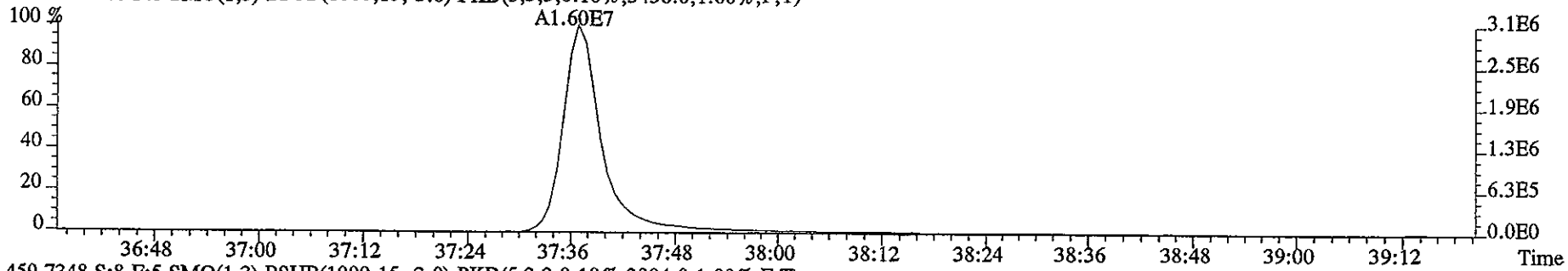


513.6775 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2636.0,1.00%,F,T)

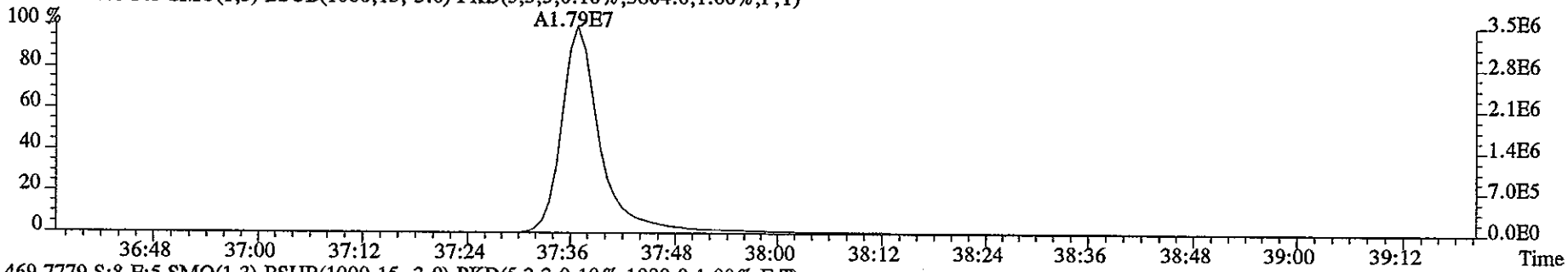


File:29DE058D5 #1-197 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN

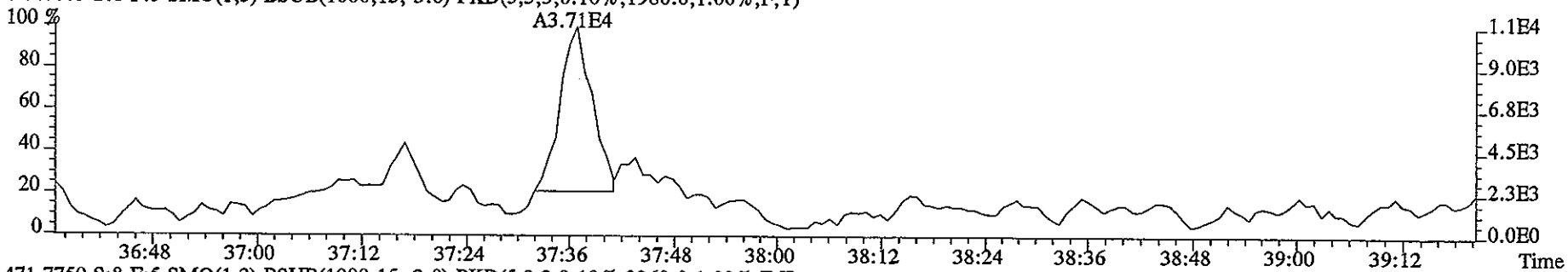
457.7377 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3436.0,1.00%,F,T)



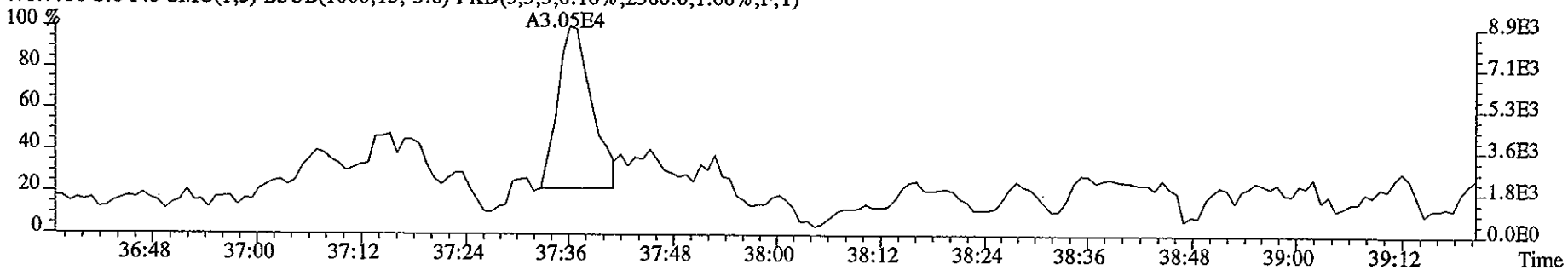
459.7348 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3804.0,1.00%,F,T)



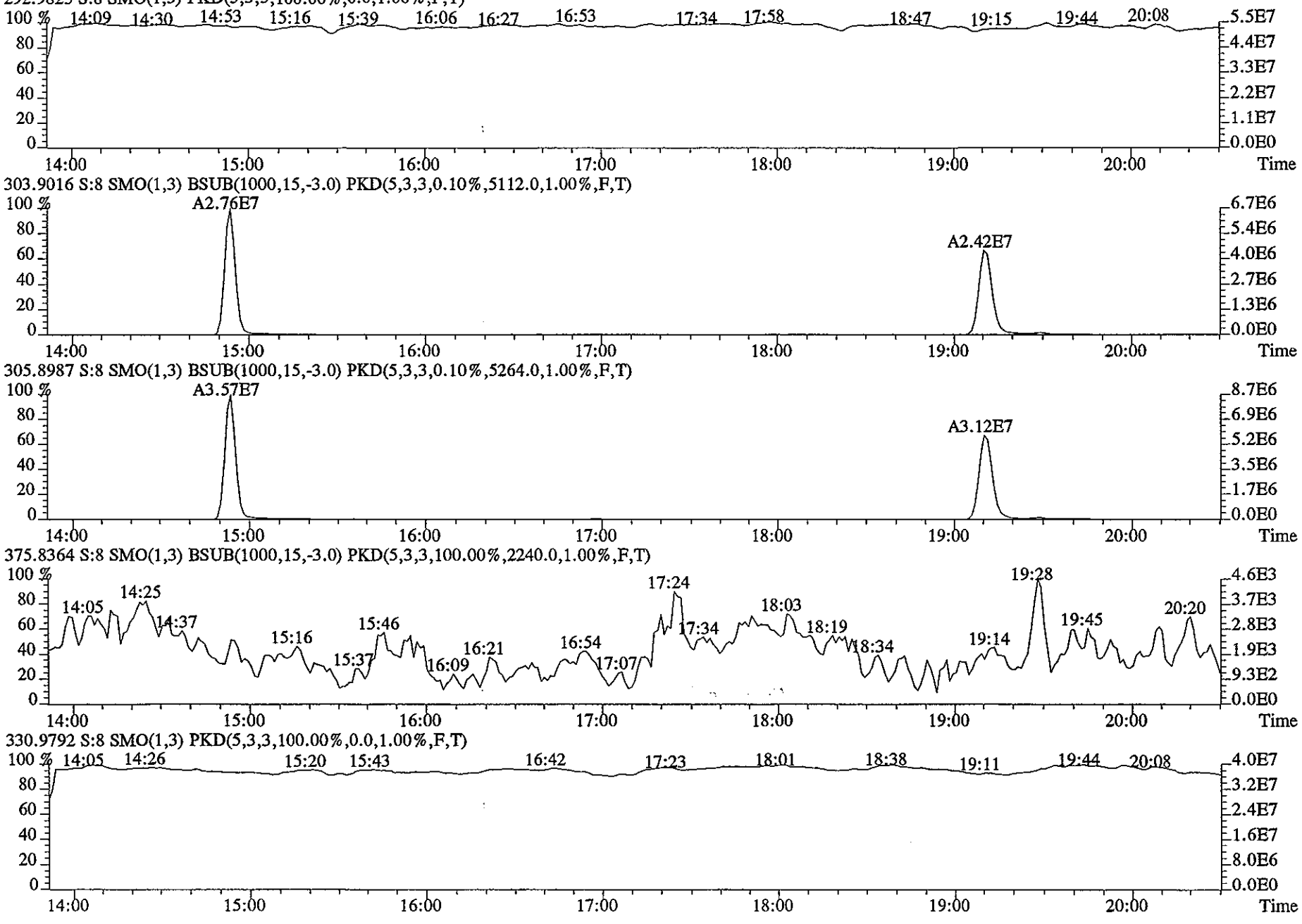
469.7779 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,1980.0,1.00%,F,T)



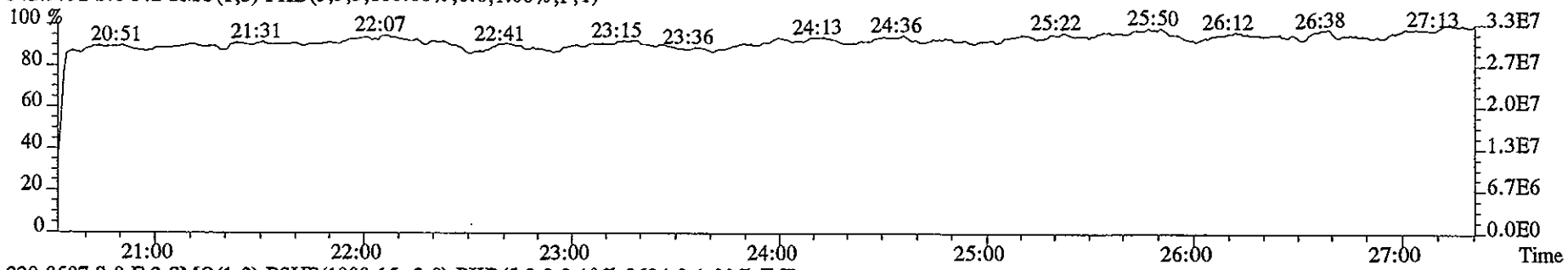
471.7750 S:8 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2360.0,1.00%,F,T)



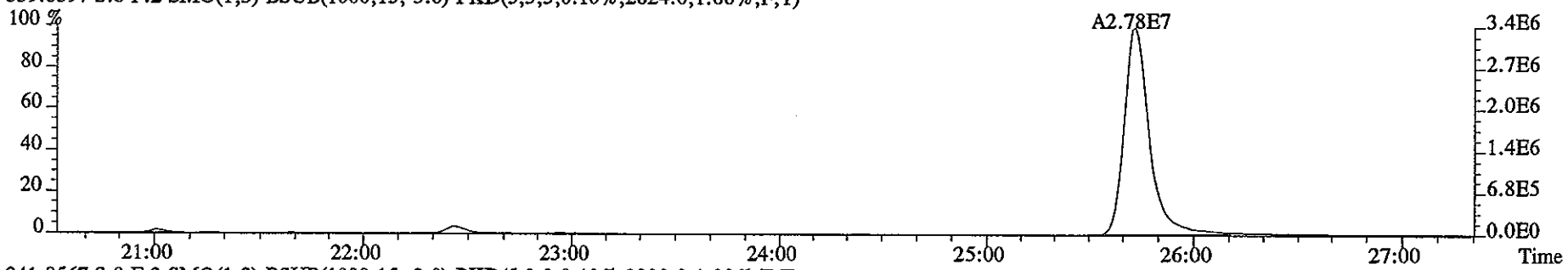
File:29DE058D5 #1-361 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN



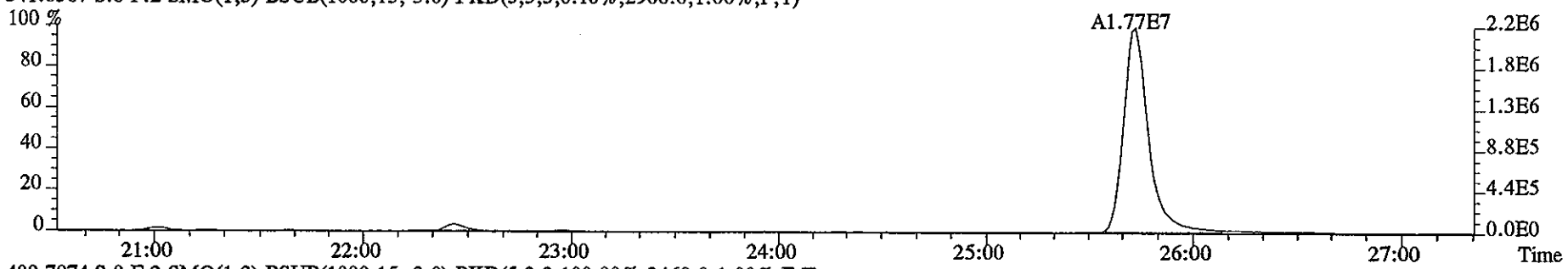
File:29DE058D5 #1-479 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN
342.9792 S:8 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



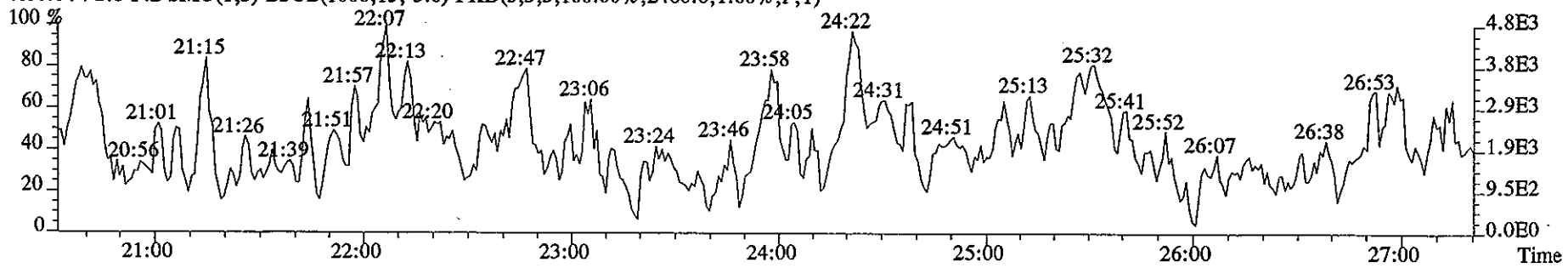
339.8597 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2624.0,1.00%,F,T)



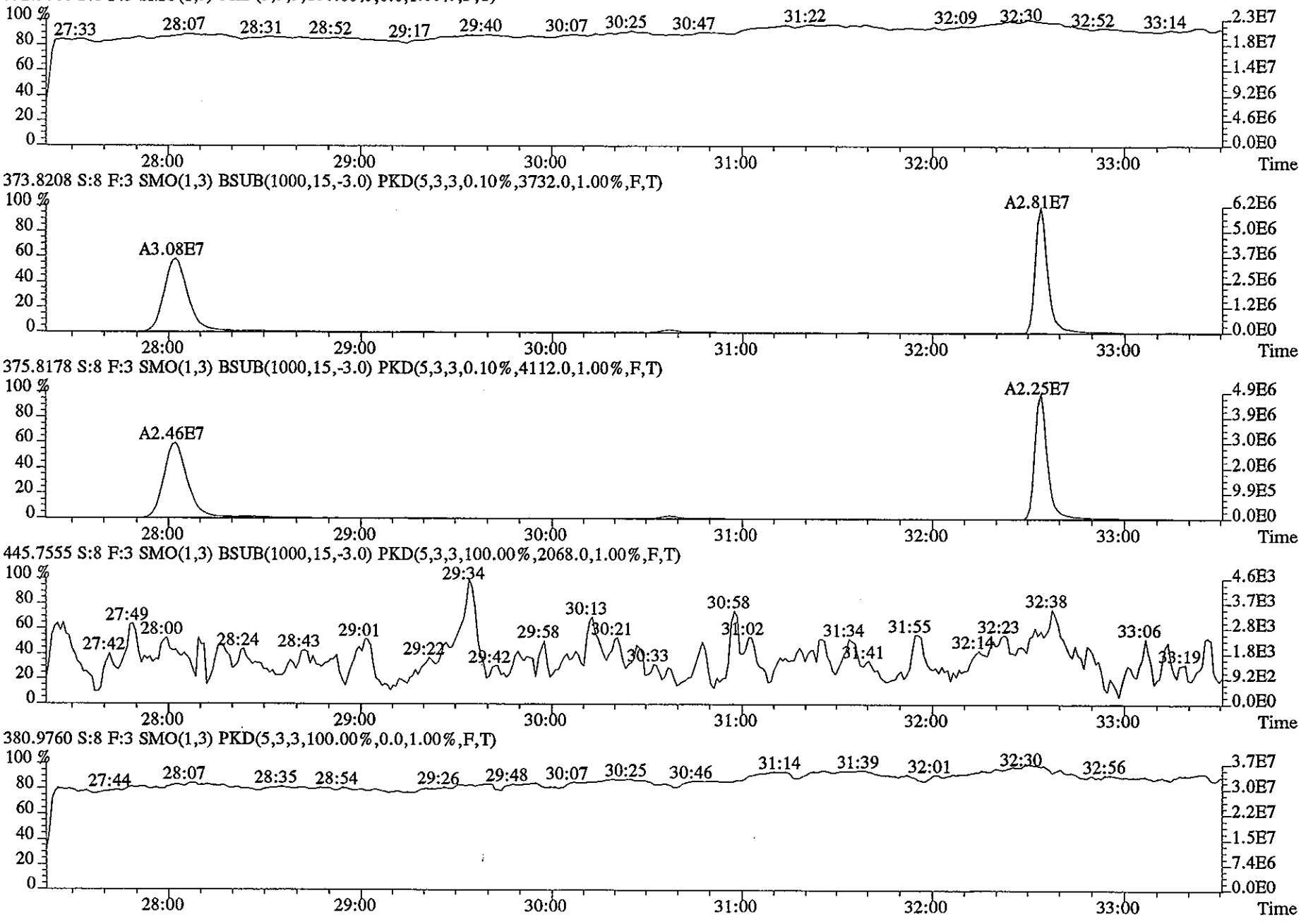
341.8567 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2900.0,1.00%,F,T)



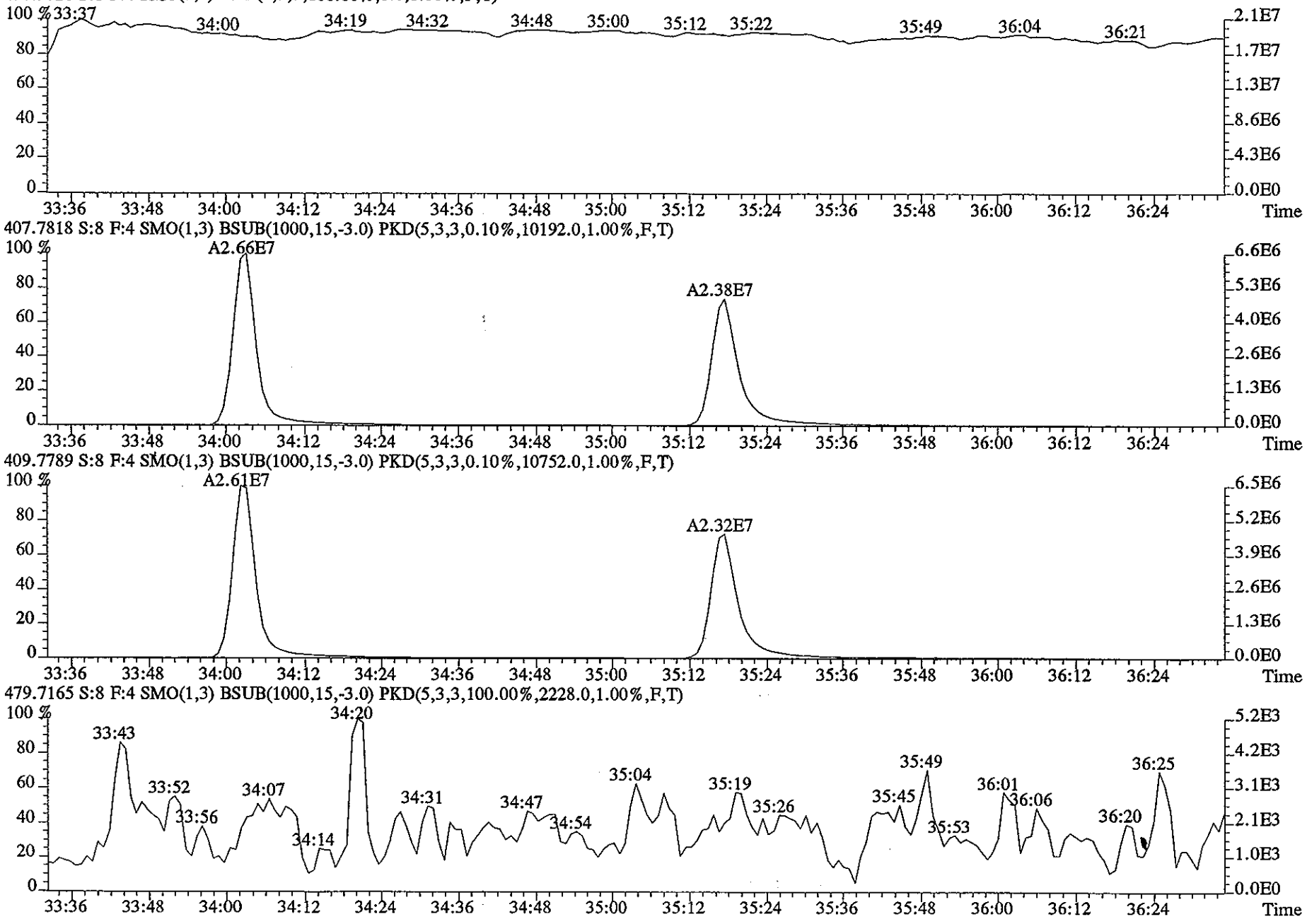
409.7974 S:8 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2460.0,1.00%,F,T)



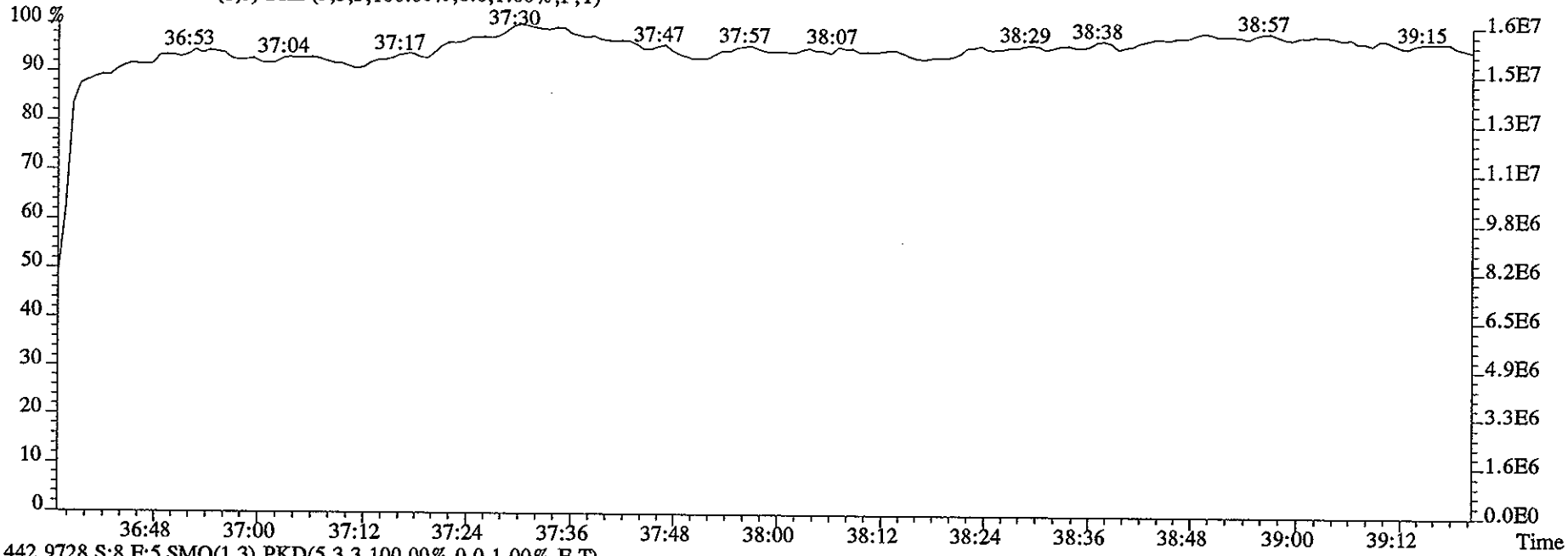
File:29DE058D5 #1-413 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN



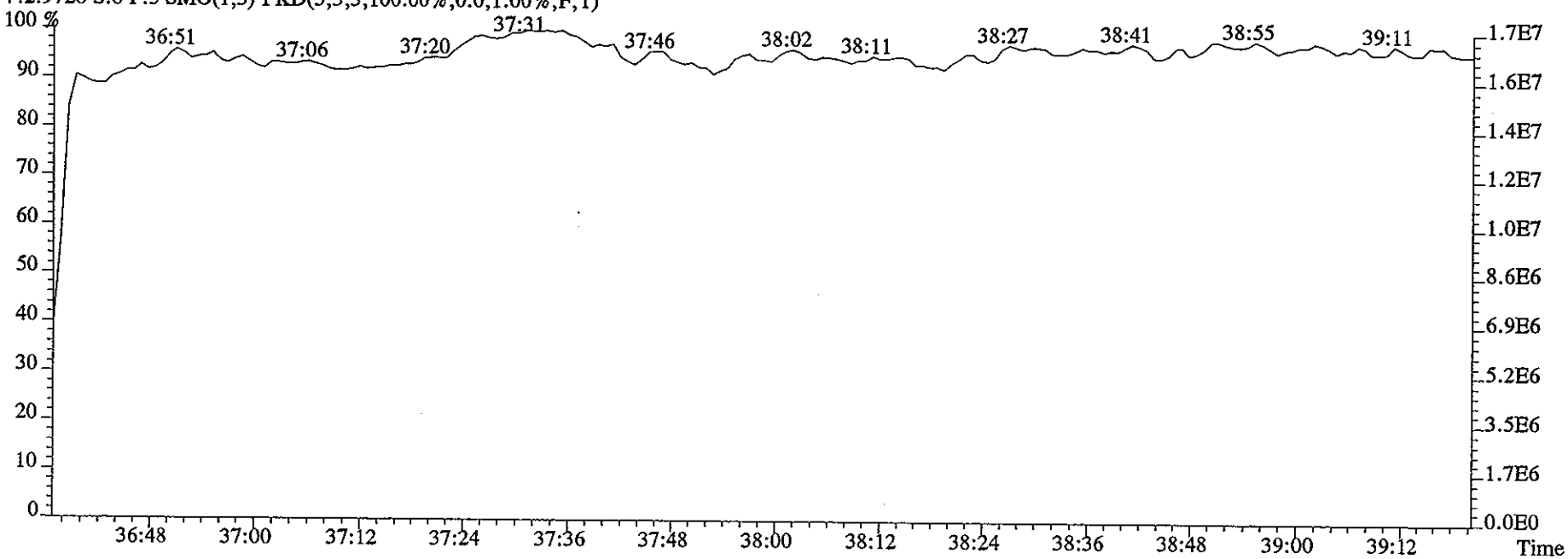
File:29DE058D5 #1-215 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN



File:29DE058D5 #1-197 Acq:29-DEC-2005 21:54:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 Text:CP1229 :DB-5 CPSM 2565-47 Exp:DIOXIN
454.9728 S:8 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:8 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



SEVERN TRENT SERVICES

Initial Calibration Checklist

High Resolution

ICAL ID (DB225, DB225A/R) 091505702

Method ID 8290, 1613B, 1613B(TETRAS), 551, T09, 23, 0023A

Column ID DB225

Instrument ID 702

STD ID's ST0916(J, I, H, L, K)

STD Solution 2565-41(A→E)

Multiplier Setting 480V

Analyzed By M.G.

Date Analyzed 9/16/05

Prepared By M.G.

Date Prepared 9/19/05

Reviewed By JCW

Date Reviewed 09/19/05

ANALYSIS OR ICAL	INITIATED	REVIEWED
Curve summary present?	✓	✓
Hardcopies of chromatograms for CS1-CS5 present?	✓	✓
Copy of log-file present?	✓	✓
Static resolution check present?	✓	✓
Target file RT's correct?	✓	✓
%RSD within method-specified limits?*	✓	✓
Signal-to-noise criteria met?*	✓	✓
Isotopic ratios within limits?	✓	✓
High point free of saturation?	✓	✓
Are chromatographic windows correct?	✓	✓
Manual reintegration's checked and hardcopies included?	NA	NA

COMMENTS:

*Method 8290: %RSD ≤ 20% for natives, ≤ 30% for labeled analytes; S/N ≥ 10
Method 1613A: %CV≤ 35% (See Table 7, Method 1613A); S/N ≥ 10
Method 23: %RSD ≤ values specified in Table 5, Method 23; S/N > 2.5
PAH: %RSD ≤ 30% for natives and labeled compounds; S/N ≥ 10
PCB: %RSD ≤ 20% for natives, ≤ 40% for labeled compounds; S/N ≥ 2.5
NCASI 551: %RSD ≤ 20% for natives and labeled compounds; ≥ 5
DBD/DBF: %RSD≤30% for natives, ≤40% for labeled analytes; S/N≥10

Run: 15SE057D2 Analyte: DB225 Cal: DB2250915057D2

ST0916J :CS1 2565-41A ST0916I :CS2 2565-41B ST0916H :CS3 2565-41C
ST0916L :CS4 2565-41D ST0916K :CS5 2565-41E

Name	Mean	S. D.	%RSD	16SE057D2 S12 RRF1	16SE057D2 S11 RRF2	16SE057D2 S10 RRF3	16SE057D2 S14 RRF4	16SE057D2 S13 RRF5
13C-1,2,3,4-TCDD	-	-	- %	-	-	-	-	-
13C-2,3,7,8-TCDF	1.495	0.059	3.95 %	1.47	1.46	1.49	1.60	1.46
2,3,7,8-TCDF	0.919	0.111	12.1 %	0.96	0.76	0.85	1.00	1.02
13C-2,3,7,8-TCDD	0.808	0.058	7.16 %	0.85	0.75	0.82	0.87	0.75
2,3,7,8-TCDD	1.232	0.157	12.7 %	1.20	1.09	1.13	1.25	1.49
37Cl-2,3,7,8-TCDD	1.963	0.297	15.1 %	1.65	1.65	2.04	2.23	2.24

Run #1 Filename 16SE057D2 S: 12 I: 1
Acquired: 16-SEP-05 14:56:56 Processed: 16-SEP-05 16:42:52
Run: 15SE057D2 Analyte: DB225 Cal: DB2250915057D2
Comments:
Sample text: ST0916J :CS1 2565-41A

Name	Resp	RA	RT	RRF		Mod?
13C-1,2,3,4-TCDD	193383000	0.77 y	11:30	-	100.00	n
13C-2,3,7,8-TCDF	284712000	0.82 y	12:24	1.47	100.00	n
2,3,7,8-TCDF	1371958	0.81 y	12:25	0.96	0.50	n
13C-2,3,7,8-TCDD	163841800	0.80 y	11:17	0.85	100.00	n
2,3,7,8-TCDD	983391	0.81 y	11:19	1.20	0.50	n
37Cl-2,3,7,8-TCDD	1595324	1.00 y	11:18	1.65	0.50	n

Run #2 Filename 16SE057D2 S: 11 I: 1
Acquired: 16-SEP-05 14:20:31 Processed: 16-SEP-05 16:42:53
Run: 15SE057D2 Analyte: DB225 Cal: DB2250915057D2
Comments:
Sample text: ST0916I :CS2 2565-41B

Name	Resp	RA	RT	RRF		Mod?
13C-1,2,3,4-TCDD	192618400	0.78 y	11:30	-	100.00	n
13C-2,3,7,8-TCDF	281261000	0.80 y	12:24	1.46	100.00	n
2,3,7,8-TCDF	4286880	0.77 y	12:26	0.76	2.00	n
13C-2,3,7,8-TCDD	143853000	0.84 y	11:17	0.75	100.00	n
2,3,7,8-TCDD	3138800	0.73 y	11:18	1.09	2.00	n
37Cl-2,3,7,8-TCDD	6357520	1.00 y	11:18	1.65	2.00	n

Run #3 Filename 16SE057D2 S: 10 I: 1
Acquired: 16-SEP-05 13:44:08 Processed: 16-SEP-05 16:42:54
Run: 15SE057D2 Analyte: DB225 Cal: DB2250915057D2
Comments: 4800V
Sample text: ST0916H :CS3 2565-41C

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	204851700	0.78	y	11:30	-	100.00	n
13C-2,3,7,8-TCDF	304633000	0.83	y	12:25	1.49	100.00	n
2,3,7,8-TCDF	25776400	0.75	y	12:26	0.85	10.00	n
13C-2,3,7,8-TCDD	168358800	0.83	y	11:17	0.82	100.00	n
2,3,7,8-TCDD	18999240	0.77	y	11:18	1.13	10.00	n
37Cl-2,3,7,8-TCDD	41823000	1.00	y	11:18	2.04	10.00	n

Run #4 Filename 16SE057D2 S: 14 I: 1
Acquired: 16-SEP-05 16:26:30 Processed: 16-SEP-05 16:42:54
Run: 15SE057D2 Analyte: DB225 Cal: DB2250915057D2
Comments:
Sample text: ST0916L :CS4 2565-41D

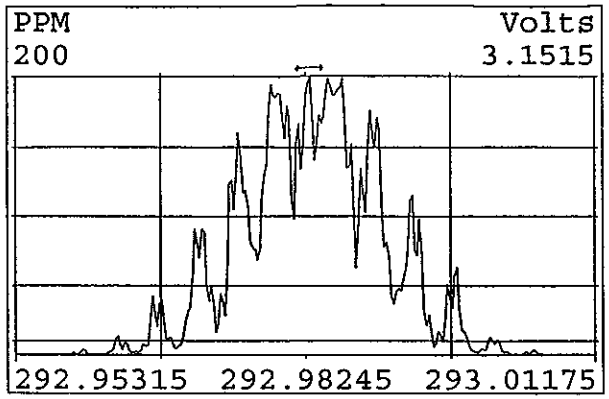
Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	186510300	0.78	y	11:32	-	100.00	n
13C-2,3,7,8-TCDF	298191000	0.80	y	12:27	1.60	100.00	n
2,3,7,8-TCDF	119515500	0.78	y	12:28	1.00	40.00	n
13C-2,3,7,8-TCDD	162979700	0.81	y	11:19	0.87	100.00	n
2,3,7,8-TCDD	81522000	0.77	y	11:20	1.25	40.00	n
37Cl-2,3,7,8-TCDD	166542400	1.00	y	11:20	2.23	40.00	n

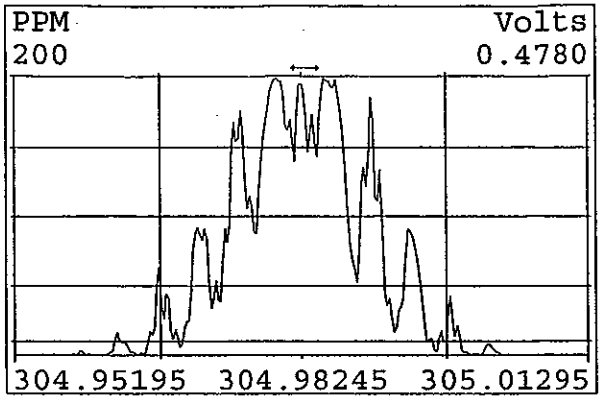
Run #5 Filename 16SE057D2 S: 13 I: 1
Acquired: 16-SEP-05 15:33:20 Processed: 16-SEP-05 16:42:55
Run: 15SE057D2 Analyte: DB225 Cal: DB2250915057D2
Comments:
Sample text: ST0916K :CS5 2565-41E

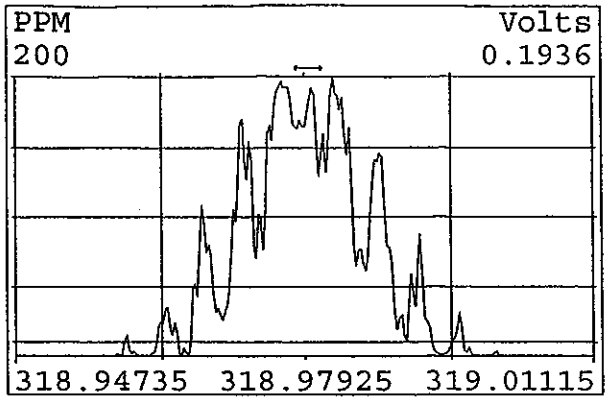
Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	198916000	0.81	y	11:30	-	100.00	n
13C-2,3,7,8-TCDF	289878000	0.79	y	12:24	1.46	100.00	n
2,3,7,8-TCDF	591895000	0.79	y	12:26	1.02	200.00	n
13C-2,3,7,8-TCDD	148854800	0.83	y	11:17	0.75	100.00	n
2,3,7,8-TCDD	443354000	0.80	y	11:18	1.49	200.00	n
37Cl-2,3,7,8-TCDD	892084000	1.00	y	11:18	2.24	200.00	n

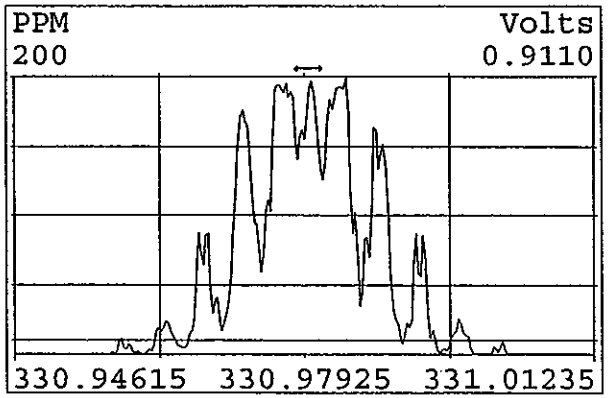
Data file	Smp	Work Order	Sample ID	FV-uL	Method/Matrix	Box	Size	U
16SE057D2	1	CP0916	DB-5 CPSM 2565-21		4500V		1.000	
16SE057D2	2	ST0916	CS3 2565-41C				1.000	
16SE057D2	3	ST0916A	CS2 2565-41B				1.000	
16SE057D2	4	ST0916B	CS1 2565-41A				1.000	
16SE057D2	5	ST0916C	CS5 2565-41E				1.000	
16SE057D2	6	ST0916D	CS4 2565-41D				1.000	
16SE057D2	7	ST0916E	CS2 2565-41B				1.000	
16SE057D2	8	ST0916F	CS3 2565-41C		4000V		1.000	
16SE057D2	9	ST0916G	CS2 2565-41B				1.000	
16SE057D2	10	ST0916H	CS3 2565-41C -		4800V		1.000	
16SE057D2	11	ST0916I	CS2 2565-41B				1.000	
16SE057D2	12	ST0916J	CS1 2565-41A				1.000	
16SE057D2	13	ST0916K	CS5 2565-41E				1.000	
16SE057D2	14	ST0916L	CS4 2565-41D -				1.000	
16SE057D2	15	2nd Source	091305IS-2QC	20	1613B/8290		1.000	SAMP
16SE057D2	16						1.000	
16SE057D2	17						1.000	
16SE057D2	18						1.000	
16SE057D2	19		MG 09/16/05				1.000	

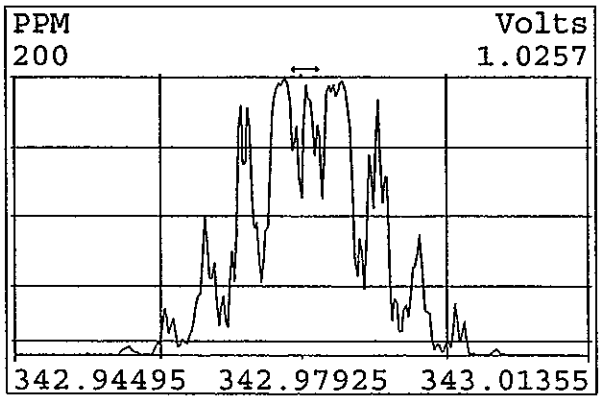
Peak Locate Examination:16-SEP-2005:08:16 File:16SE057D2
Experiment:DB225 Function:1 Reference:PFK

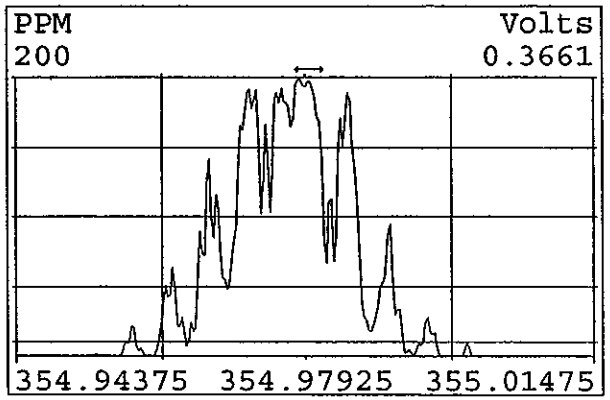


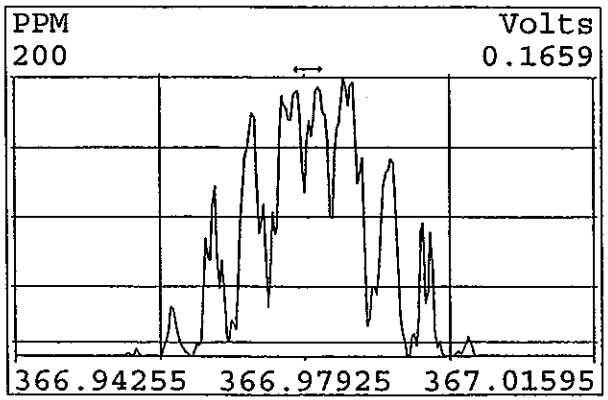


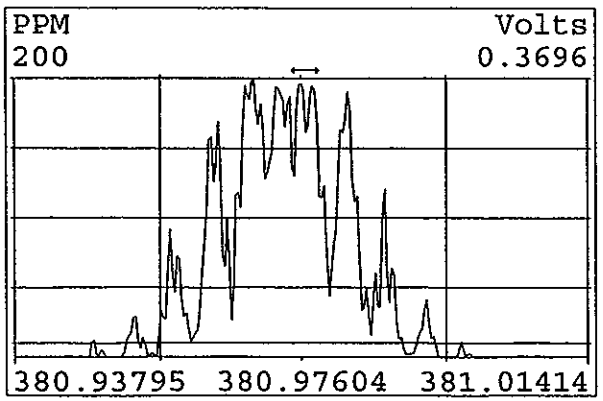




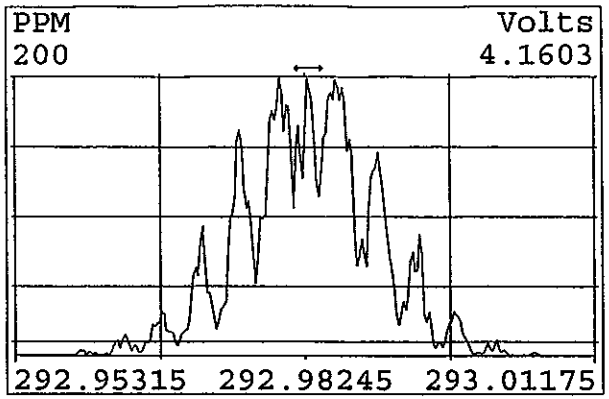


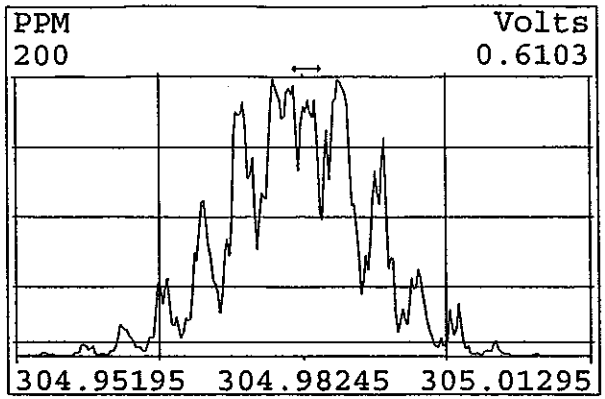


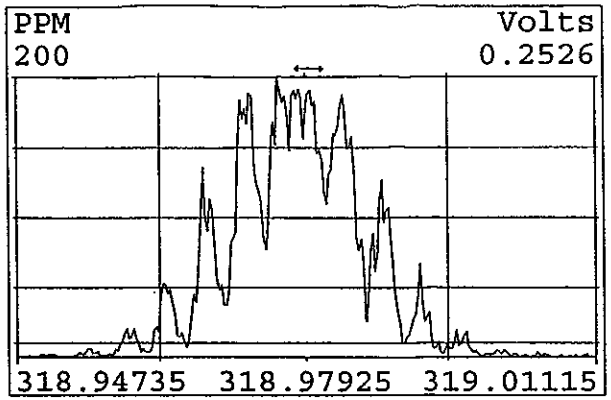


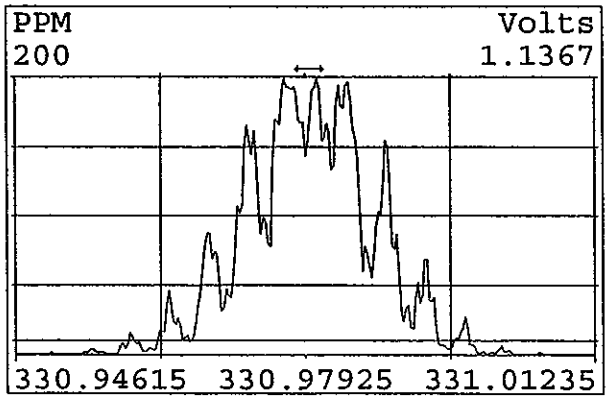


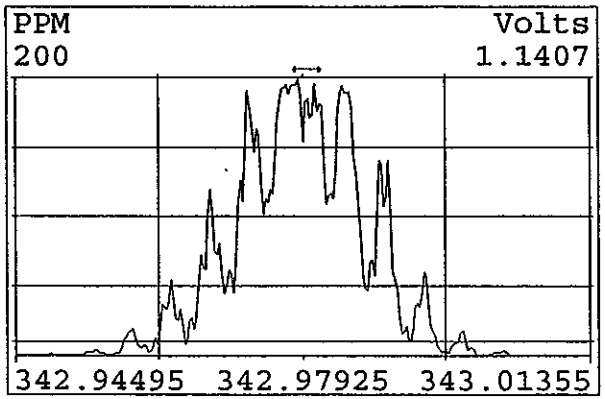
Peak Locate Examination:16-SEP-2005:17:56 File:RESCHK16SE057D2
Experiment:DB225 Function:1 Reference:PFK

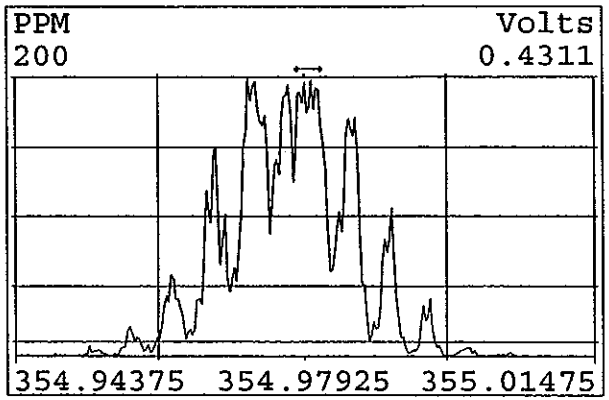


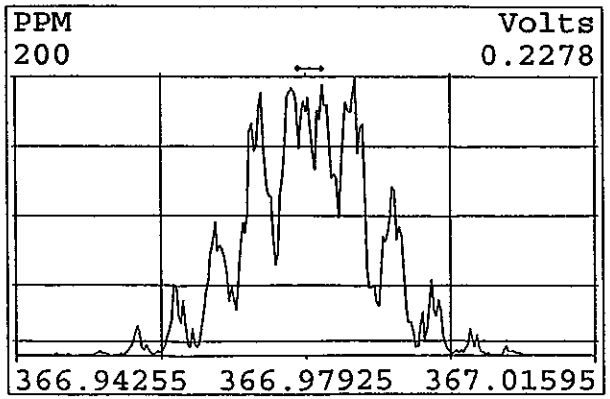


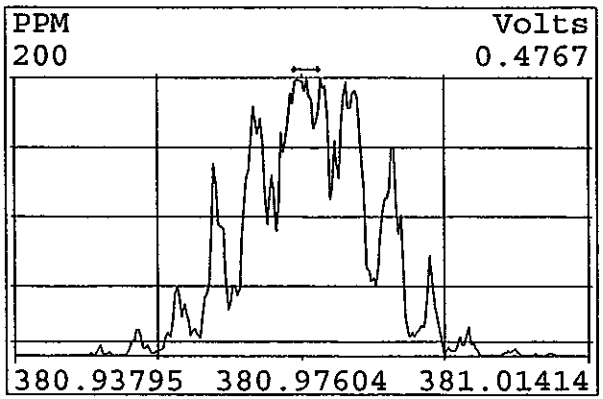




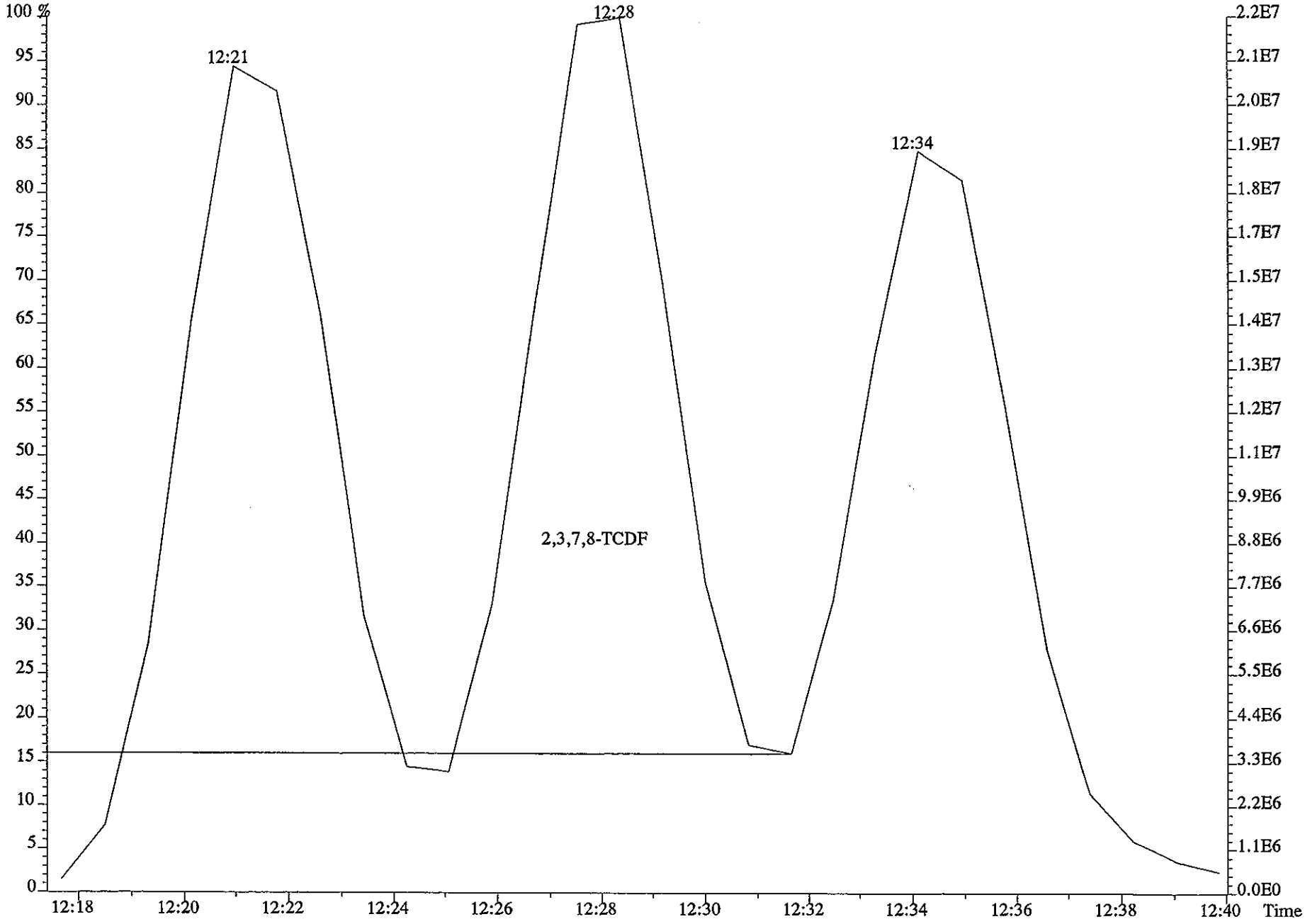




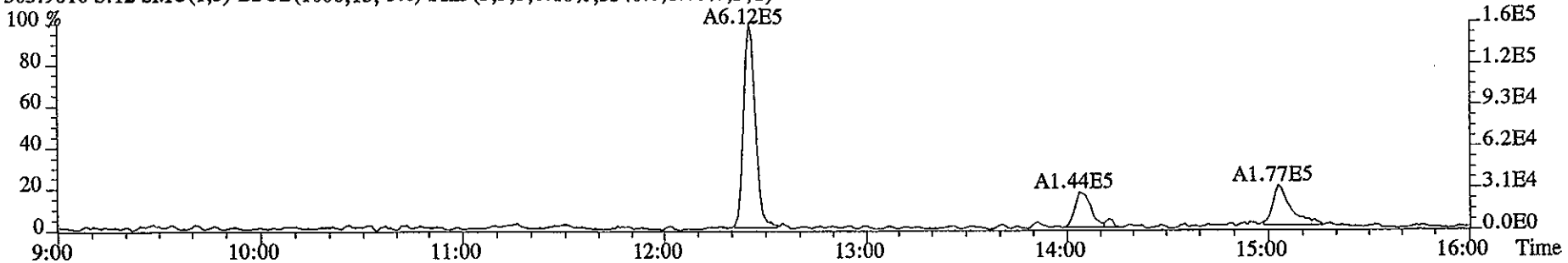




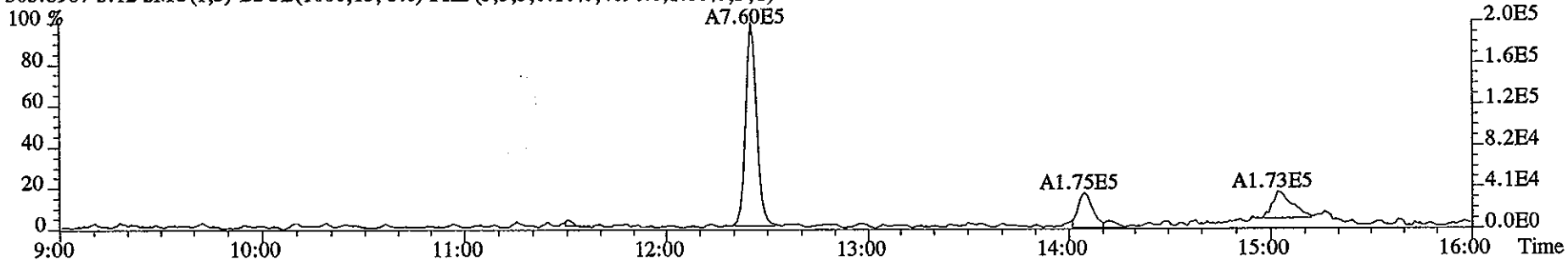
File:16SE057D2 #1-1168 Acq:16-SEP-2005 08:16:30 GC EI+ Voltage SIR 70S
Sample#1 Text:CP0916 :DB-5 CPSM 2565-21 Exp:DB225
305.8987



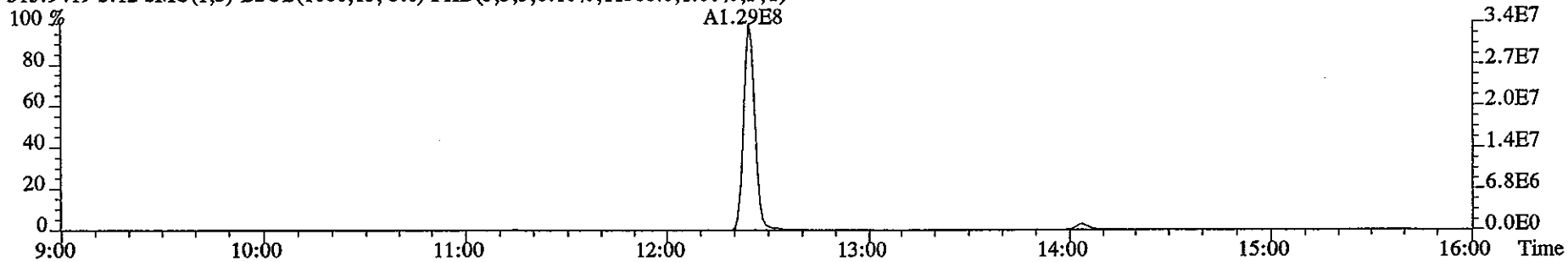
File:16SE057D2 #1-1168 Acq:16-SEP-2005 14:56:56 GC EI+ Voltage SIR 70S
Sample#12 Text:ST0916J :CS1 2565-41A Exp:DB225
303.9016 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3340.0,1.00%,F,T)



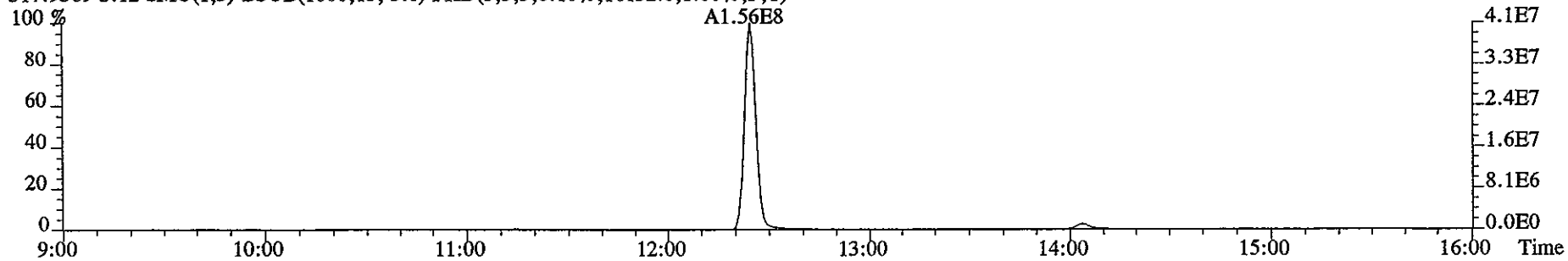
305.8987 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4696.0,1.00%,F,T)



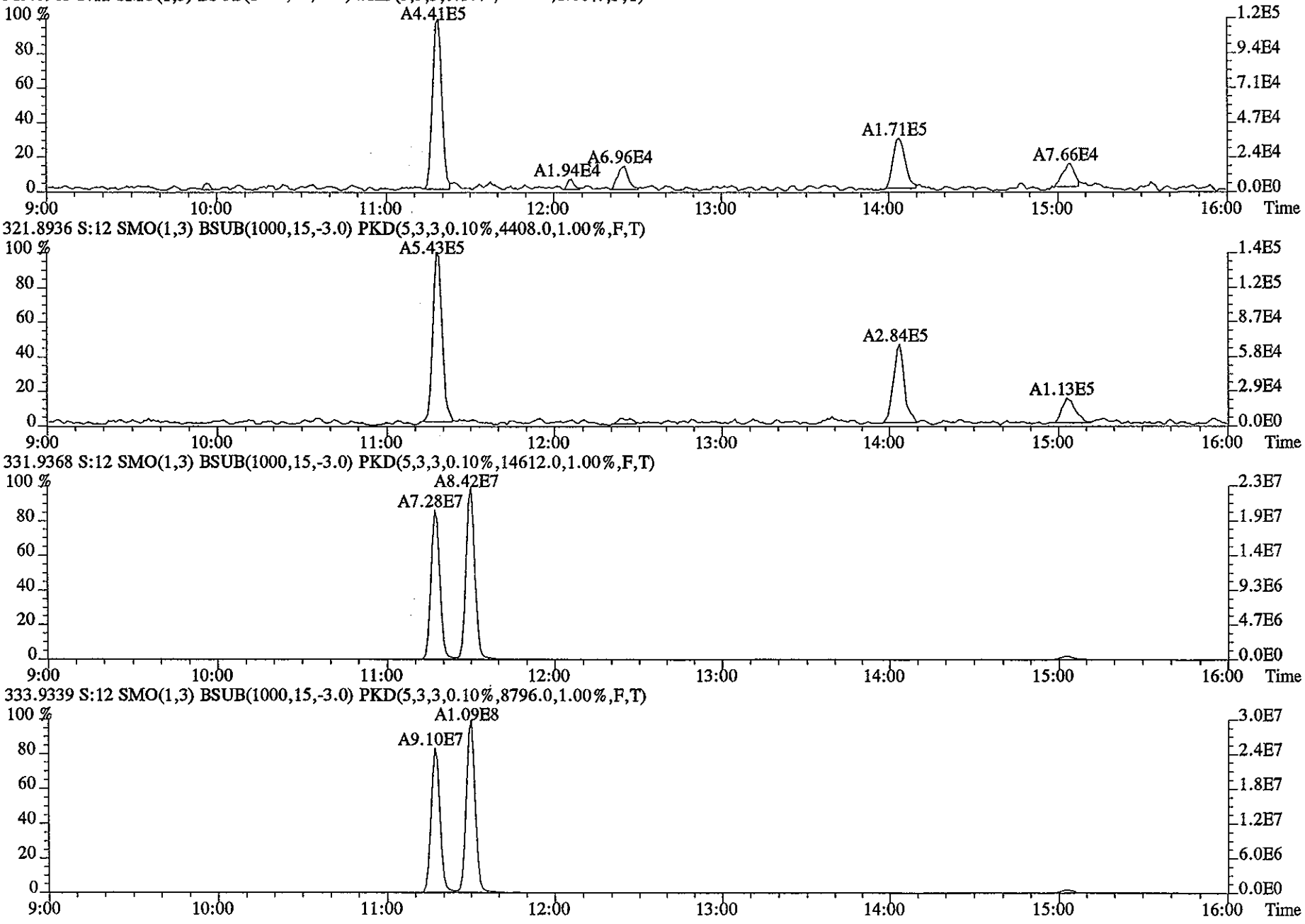
315.9419 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11388.0,1.00%,F,T)



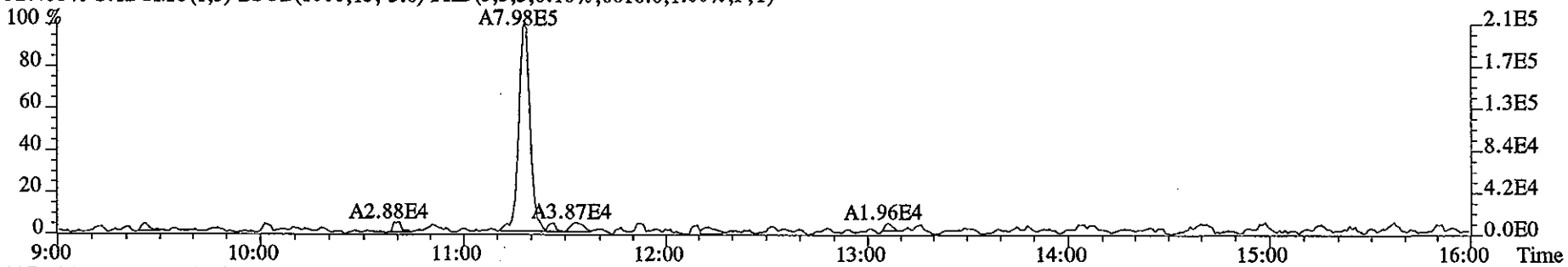
317.9389 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16132.0,1.00%,F,T)



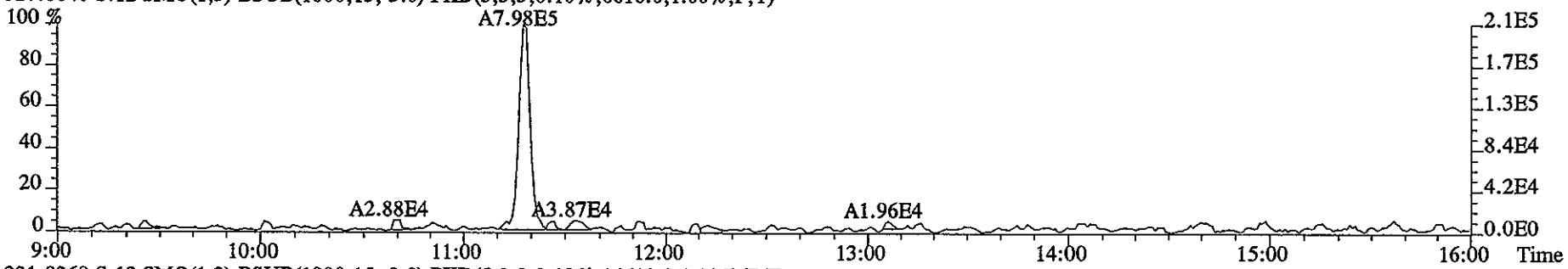
File:16SE057D2 #1-1168 Acq:16-SEP-2005 14:56:56 GC EI+ Voltage SIR 70S
Sample#12 Text:ST0916J :CS1 2565-41A Exp:DB225



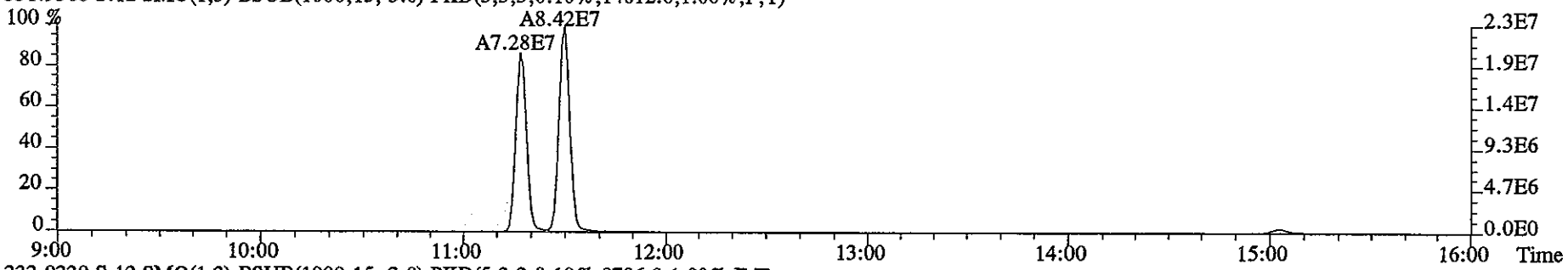
File:16SE057D2 #1-1168 Acq:16-SEP-2005 14:56:56 GC EI+ Voltage SIR 70S
Sample#12 Text:ST0916J :CS1 2565-41A Exp:DB225
327.8840 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6616.0,1.00%,F,T)



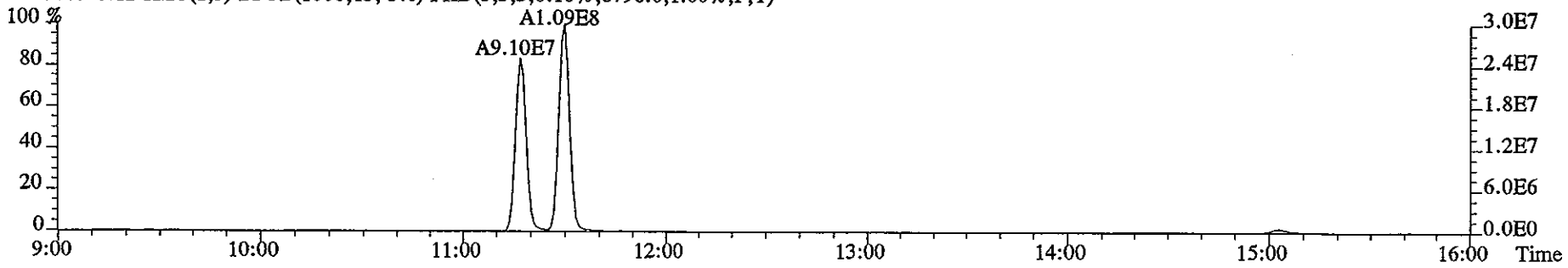
327.8840 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6616.0,1.00%,F,T)



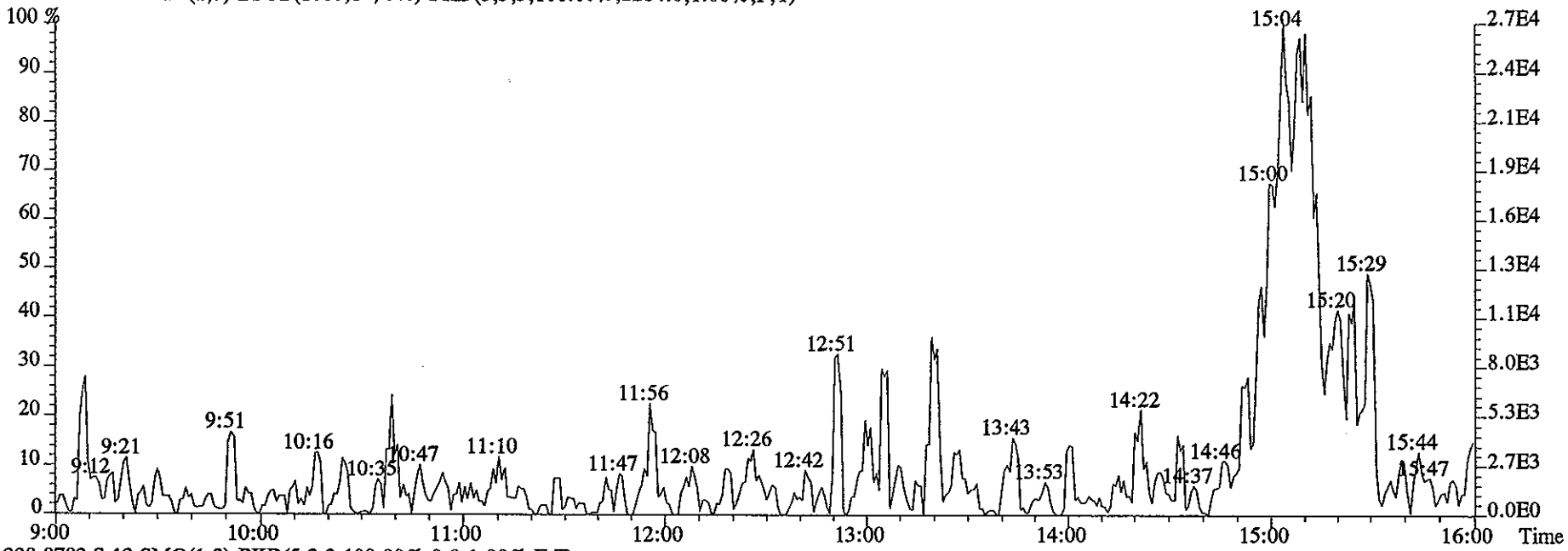
331.9368 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14612.0,1.00%,F,T)



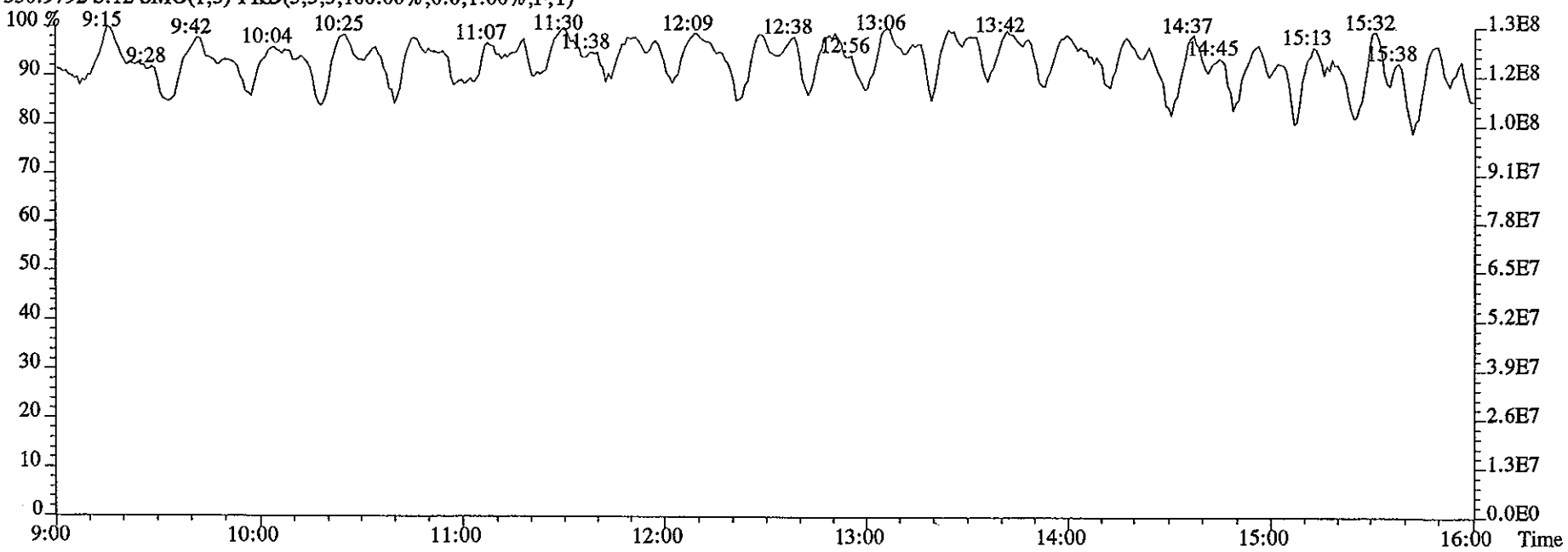
333.9339 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8796.0,1.00%,F,T)



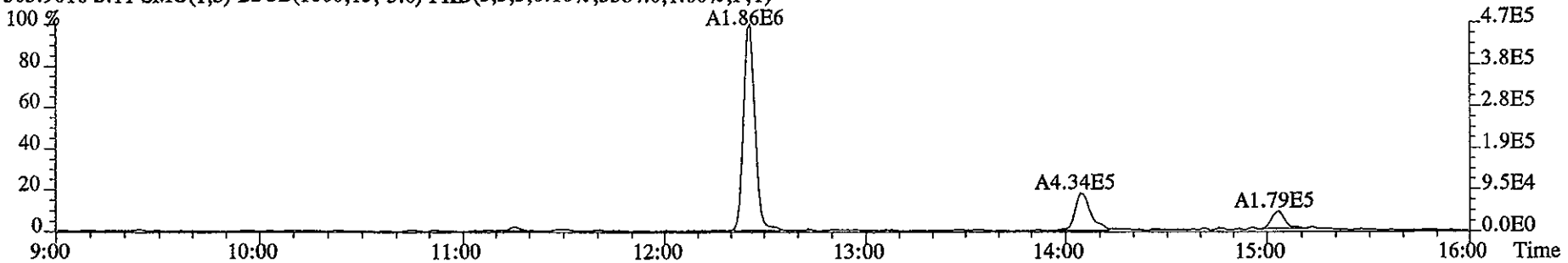
File:16SE057D2 #1-1168 Acq:16-SEP-2005 14:56:56 GC EI+ Voltage SIR 70S
Sample#12 Text:ST0916J :CS1 2565-41A Exp:DB225
375.8364 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2284.0,1.00%,F,T)



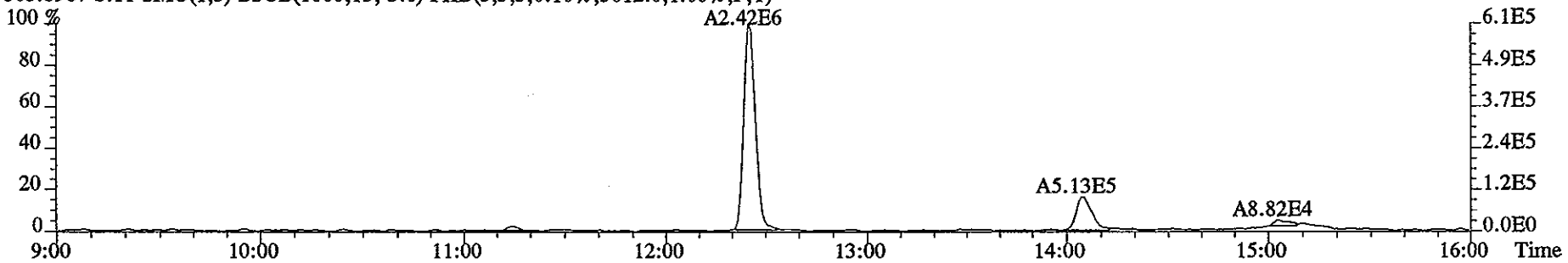
330.9792 S:12 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



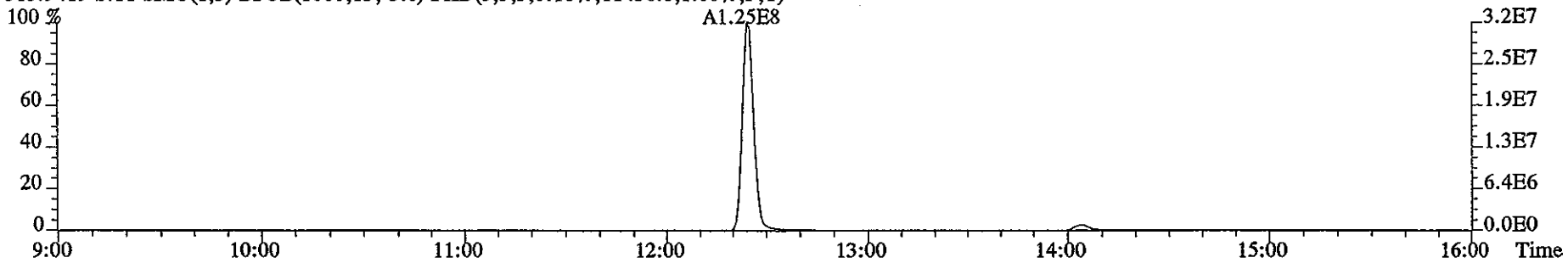
File:16SE057D2 #1-1168 Acq:16-SEP-2005 14:20:31 GC EI+ Voltage SIR 70S
Sample#11 Text:ST0916I :CS2 2565-41B Exp:DB225
303.9016 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3584.0,1.00%,F,T)



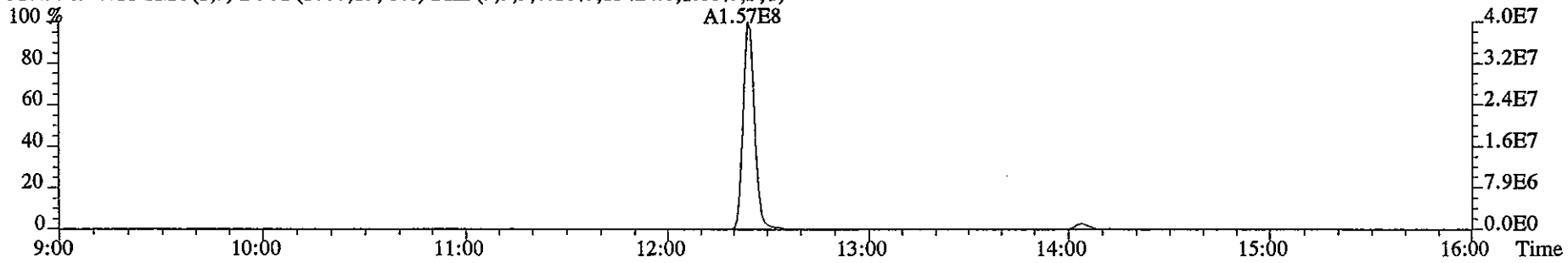
305.8987 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5012.0,1.00%,F,T)



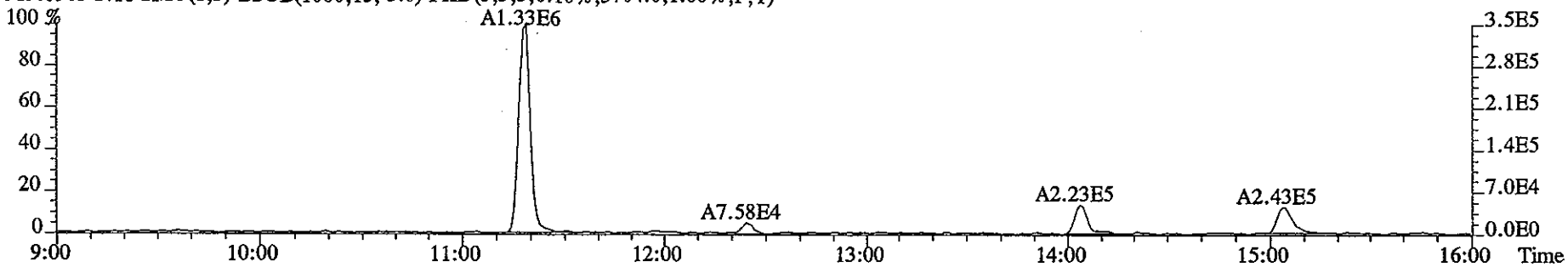
315.9419 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11456.0,1.00%,F,T)



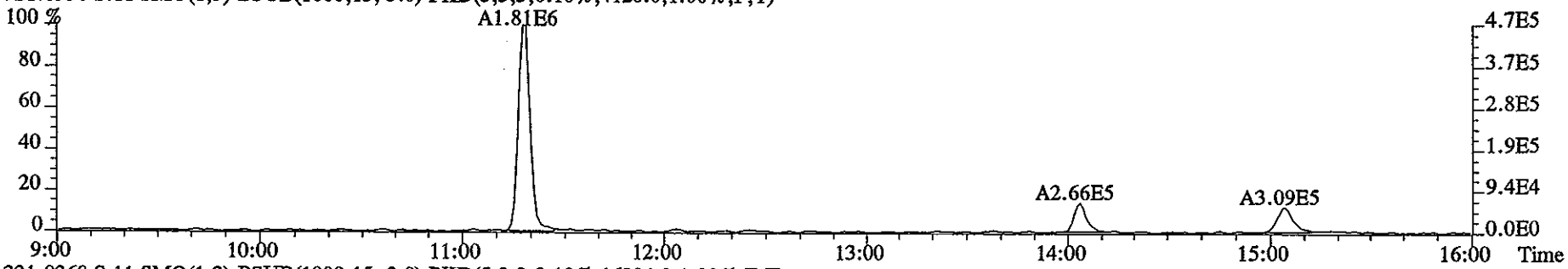
317.9389 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15424.0,1.00%,F,T)



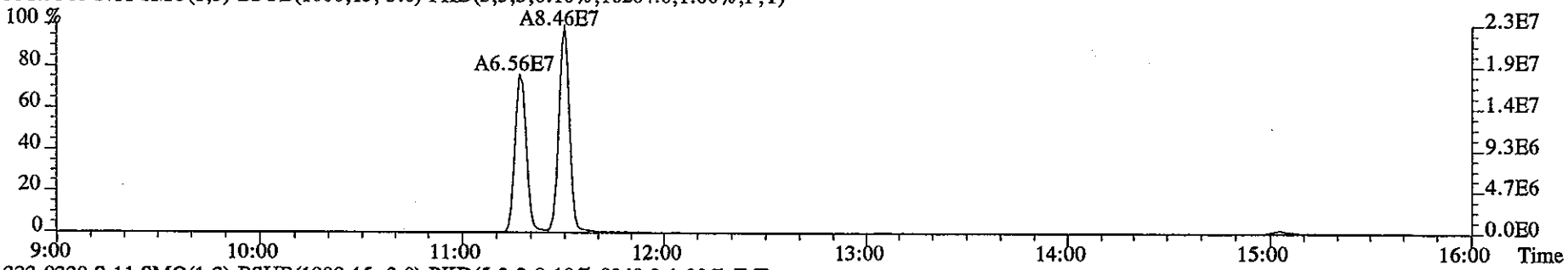
File:16SE057D2 #1-1168 Acq:16-SEP-2005 14:20:31 GC EI+ Voltage SIR 70S
Sample#11 Text:ST0916I :CS2 2565-41B Exp:DB225
319.8965 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3704.0,1.00%,F,T)



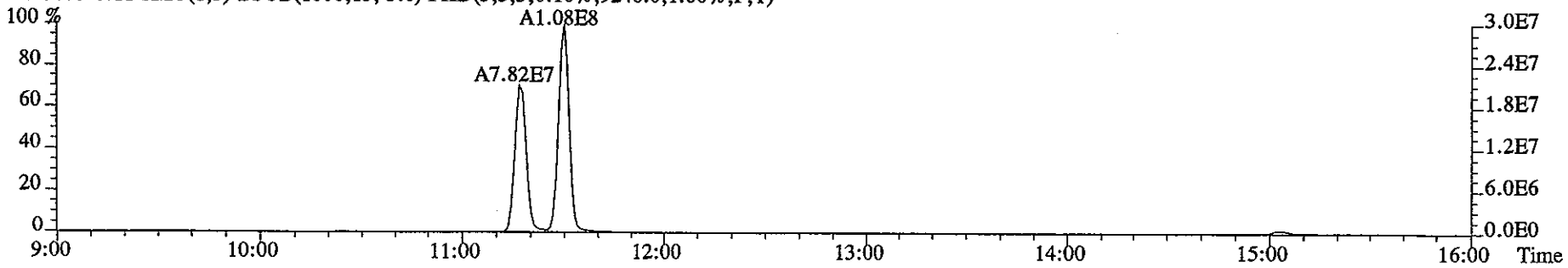
321.8936 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4120.0,1.00%,F,T)



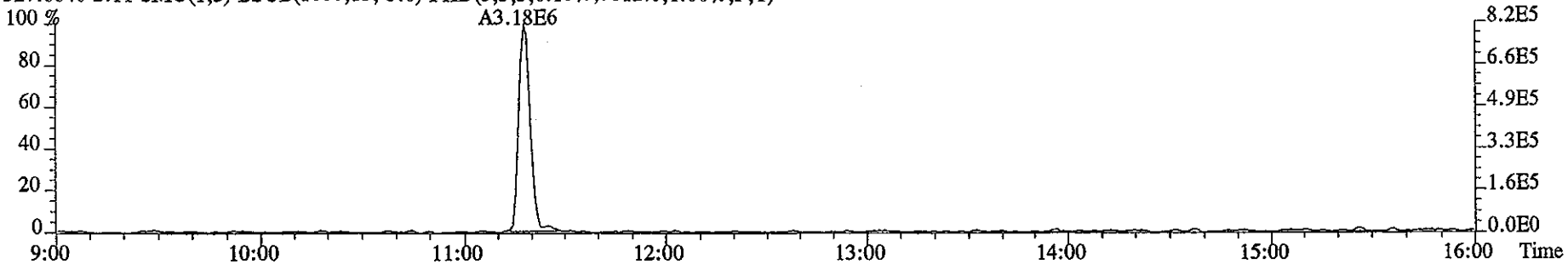
331.9368 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16284.0,1.00%,F,T)



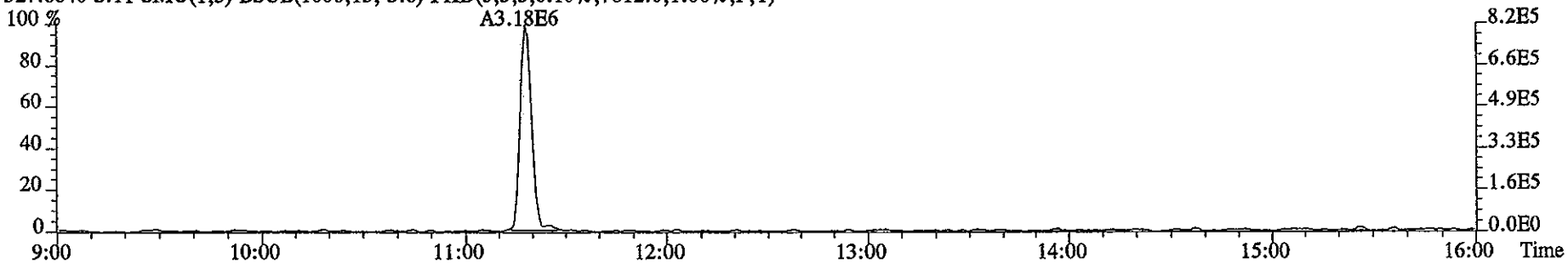
333.9339 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9248.0,1.00%,F,T)



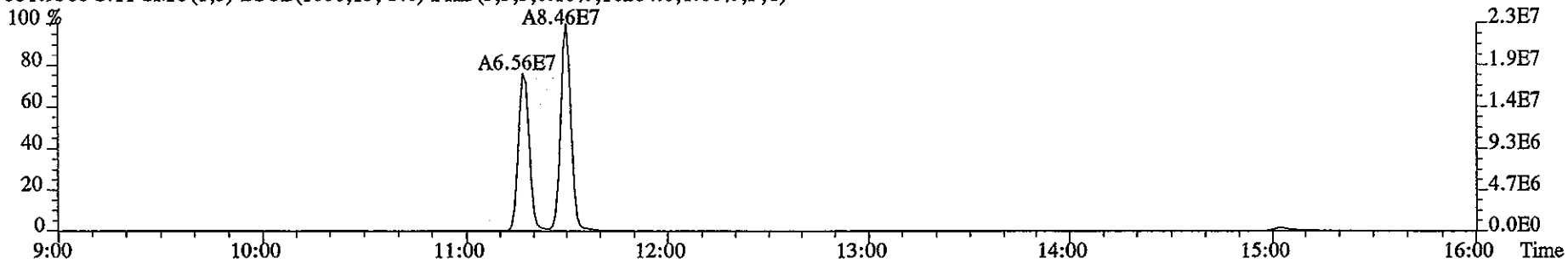
File:16SE057D2 #1-1168 Acq:16-SEP-2005 14:20:31 GC EI+ Voltage SIR 70S
Sample#11 Text:ST0916I :CS2 2565-41B Exp:DB225
327.8840 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7812.0,1.00%,F,T)



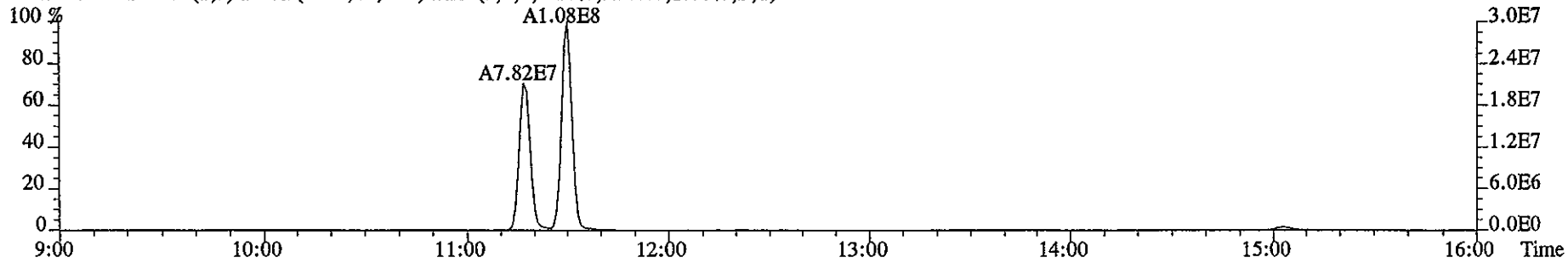
327.8840 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7812.0,1.00%,F,T)



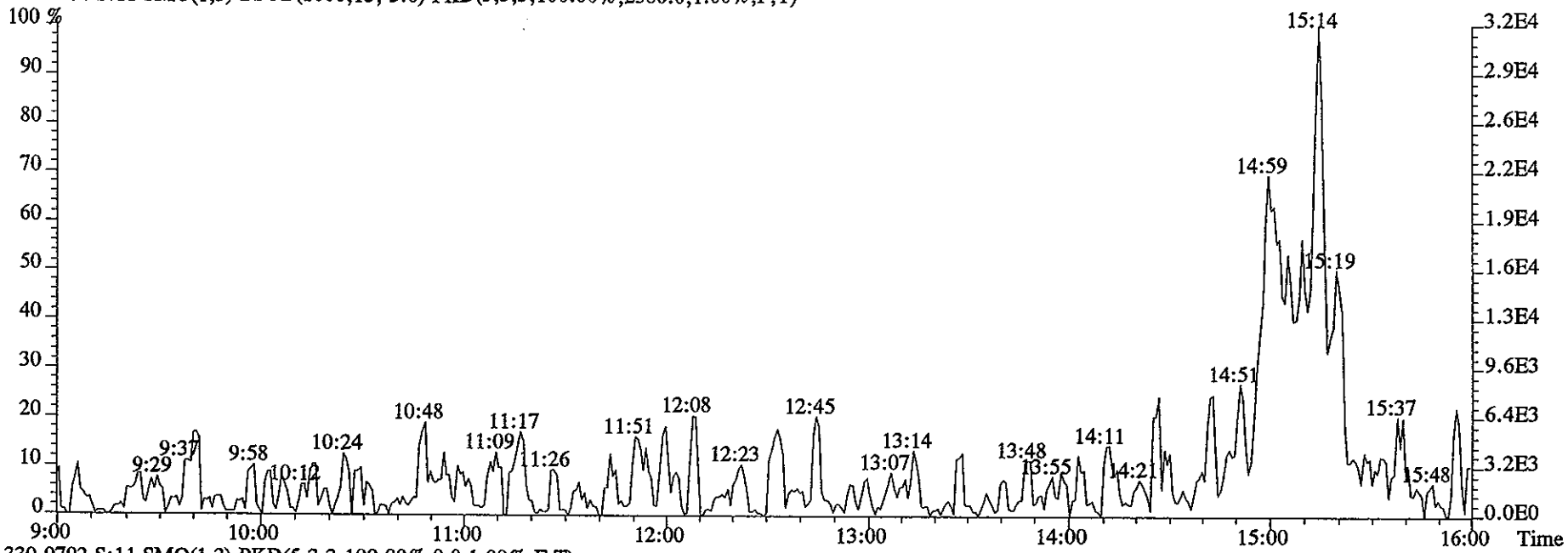
331.9368 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16284.0,1.00%,F,T)



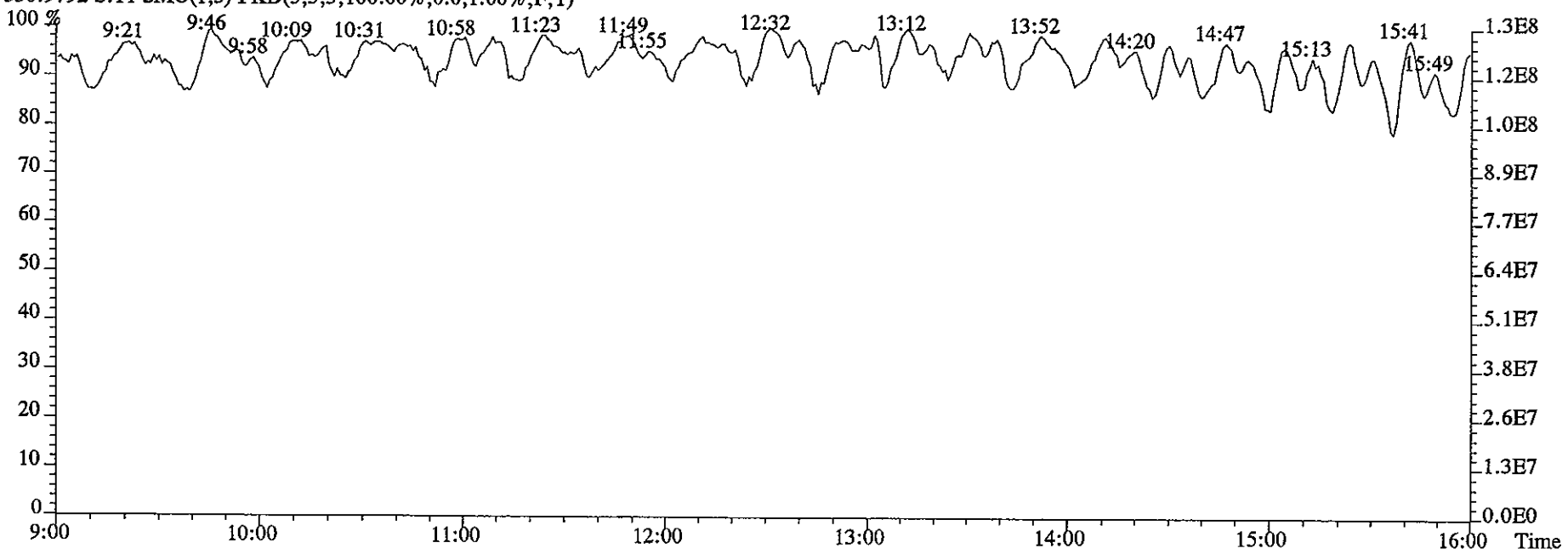
333.9339 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9248.0,1.00%,F,T)



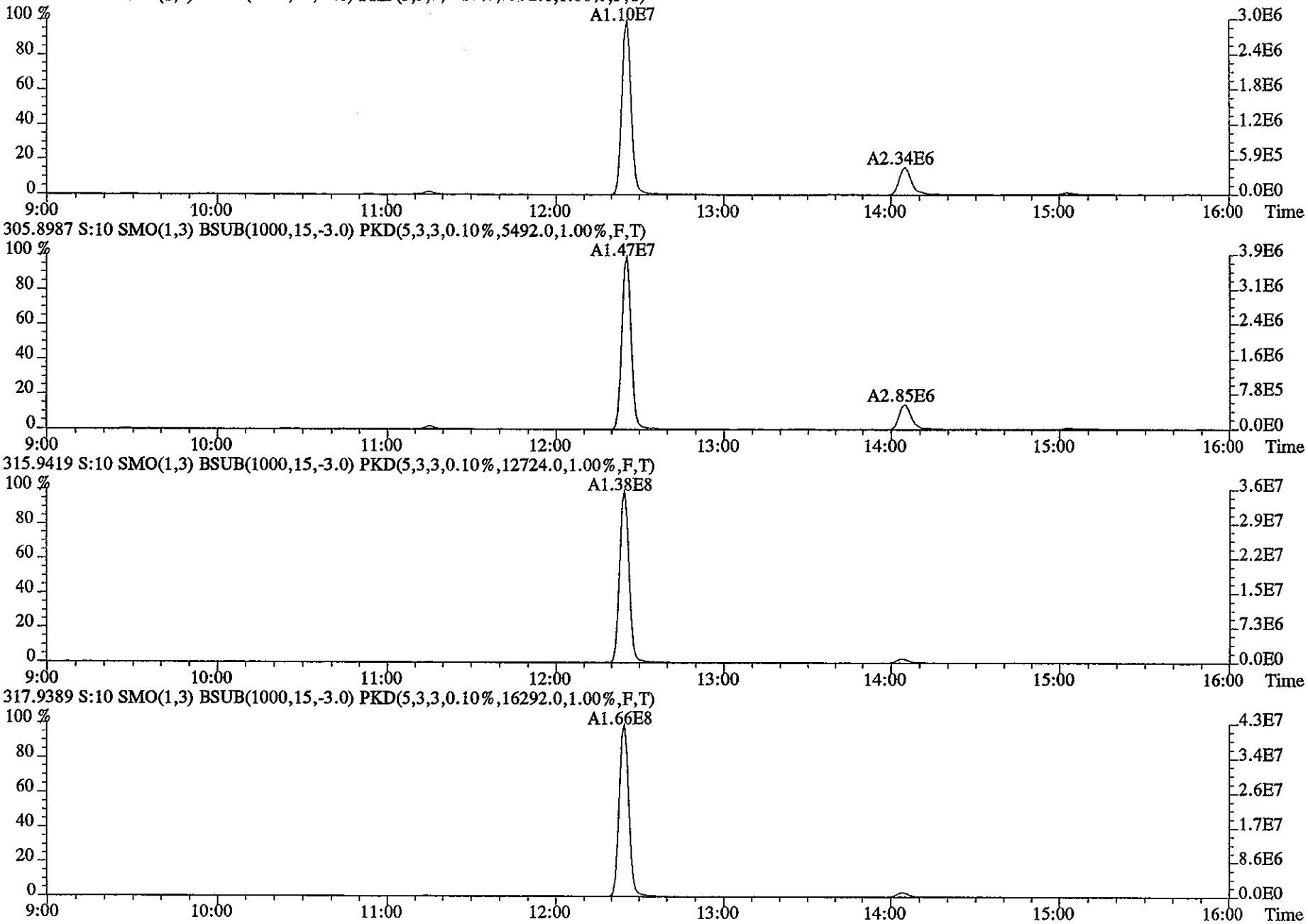
File:16SE057D2 #1-1168 Acq:16-SEP-2005 14:20:31 GC EI+ Voltage SIR 70S
Sample#11 Text:ST0916I :CS2 2565-41B Exp:DB225
375.8364 S:11 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2580.0,1.00%,F,T)



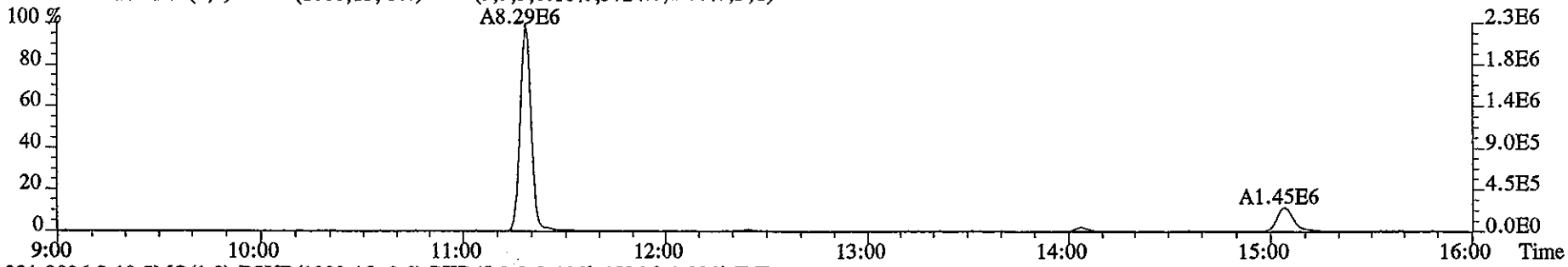
330.9792 S:11 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



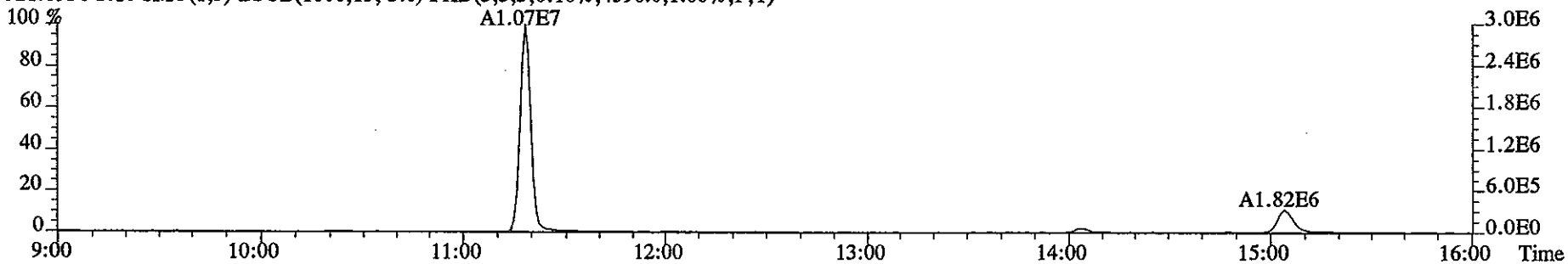
File:16SE057D2 #1-1169 Acq:16-SEP-2005 13:44:08 GC EI+ Voltage SIR 70S
Sample#10 Text:ST0916H :CS3 2565-41C Exp:DB225



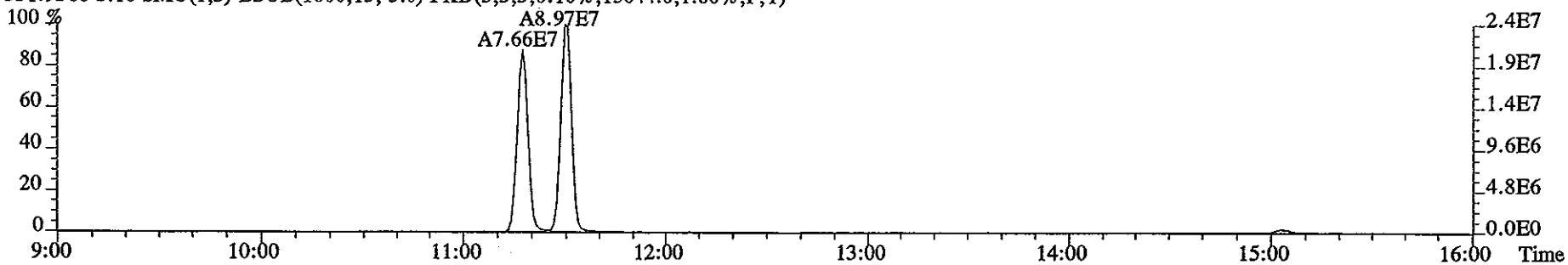
File:16SE057D2 #1-1169 Acq:16-SEP-2005 13:44:08 GC EI+ Voltage SIR 70S
Sample#10 Text:ST0916H :CS3 2565-41C Exp:DB225
319.8965 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3724.0,1.00%,F,T)



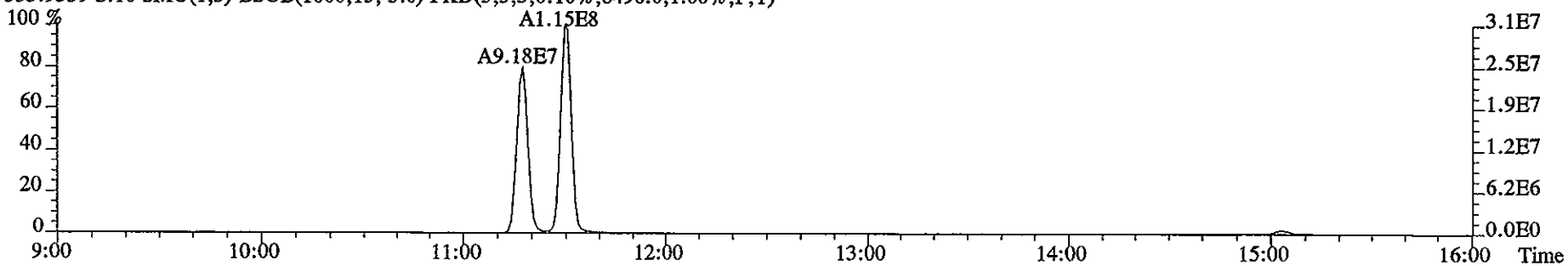
321.8936 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4596.0,1.00%,F,T)



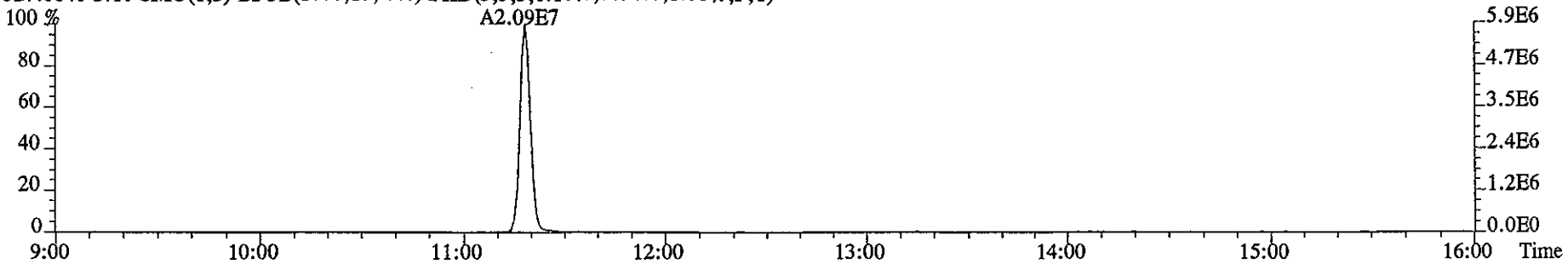
331.9368 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15044.0,1.00%,F,T)



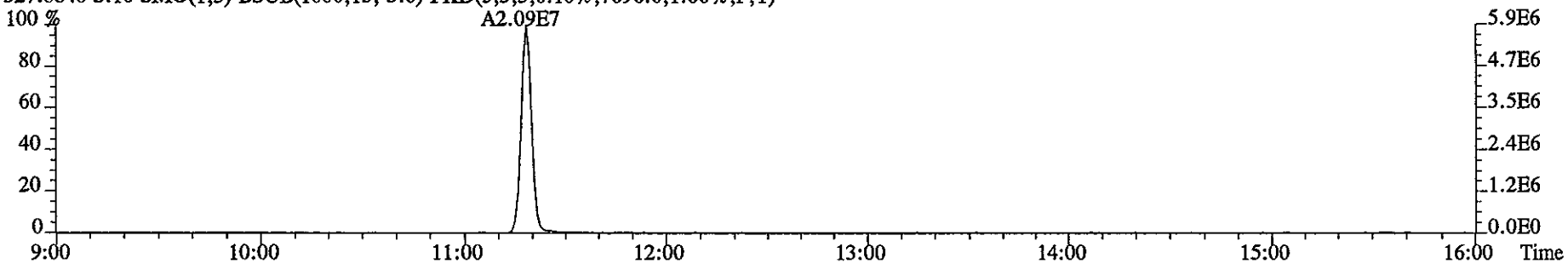
333.9339 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8496.0,1.00%,F,T)



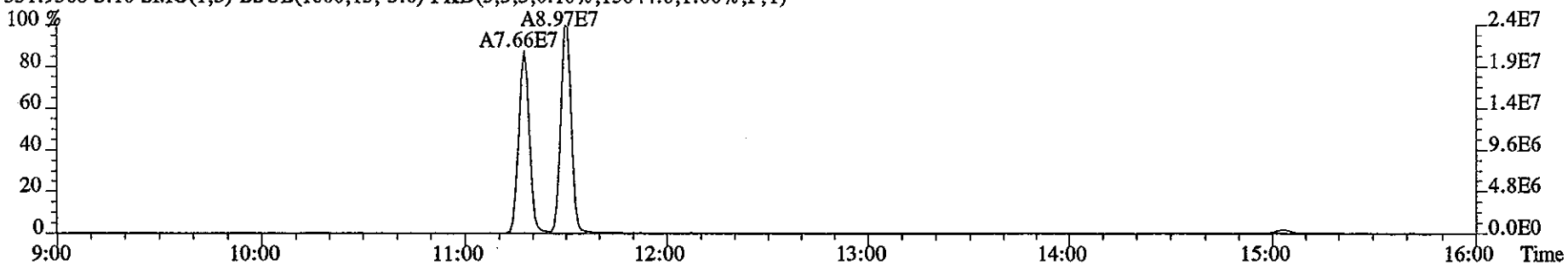
File:16SE057D2 #1-1169 Acq:16-SEP-2005 13:44:08 GC EI+ Voltage SIR 70S
Sample#10 Text:ST0916H :CS3 2565-41C Exp:DB225
327.8840 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7696.0,1.00%,F,T)



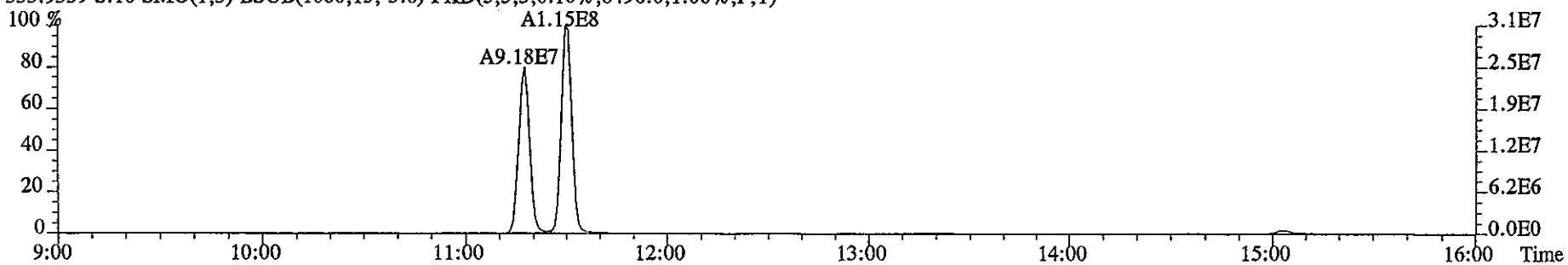
327.8840 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7696.0,1.00%,F,T)



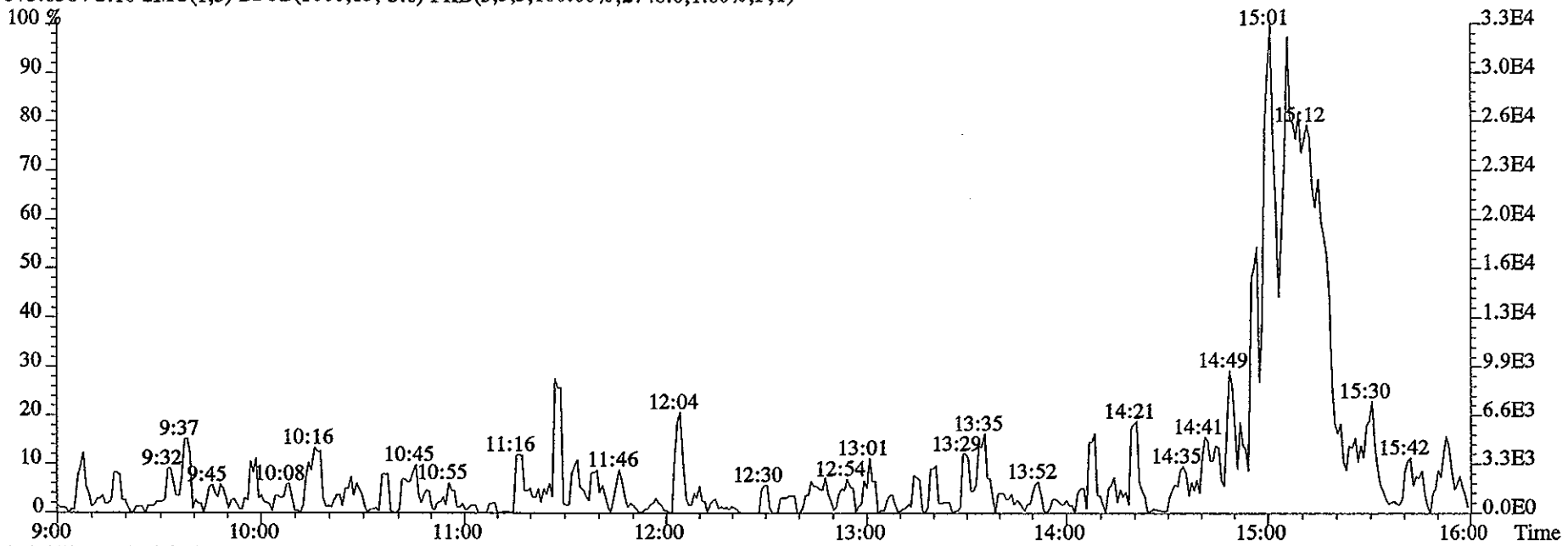
331.9368 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15044.0,1.00%,F,T)



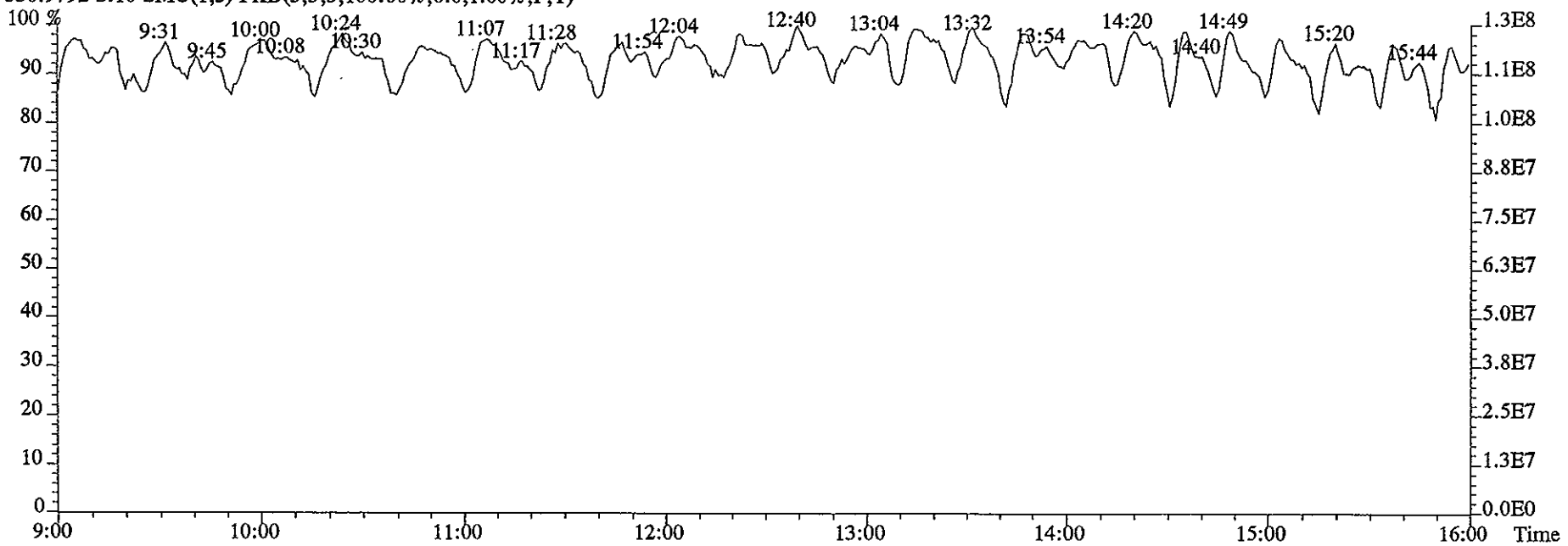
333.9339 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8496.0,1.00%,F,T)



File:16SE057D2 #1-1169 Acq:16-SEP-2005 13:44:08 GC EI+ Voltage SIR 70S
Sample#10 Text:ST0916H :CS3 2565-41C Exp:DB225
375.8364 S:10 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2748.0,1.00%,F,T)

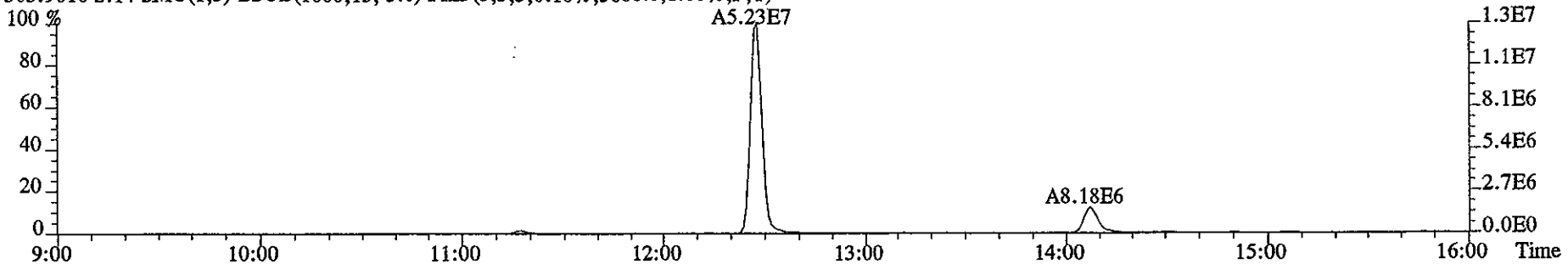


330.9792 S:10 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

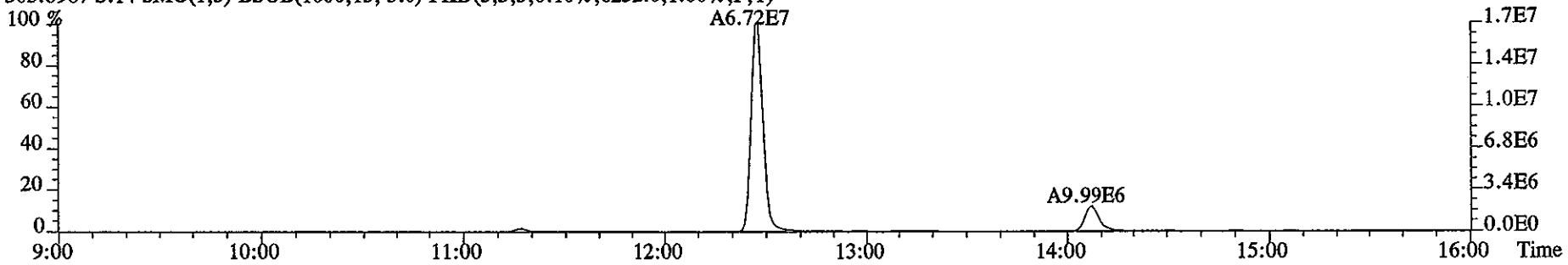


File:16SE057D2 #1-1048 Acq:16-SEP-2005 16:26:30 GC EI+ Voltage SIR 70S
Sample#14 Text:ST0916L :CS4 2565-41D Exp:DB225

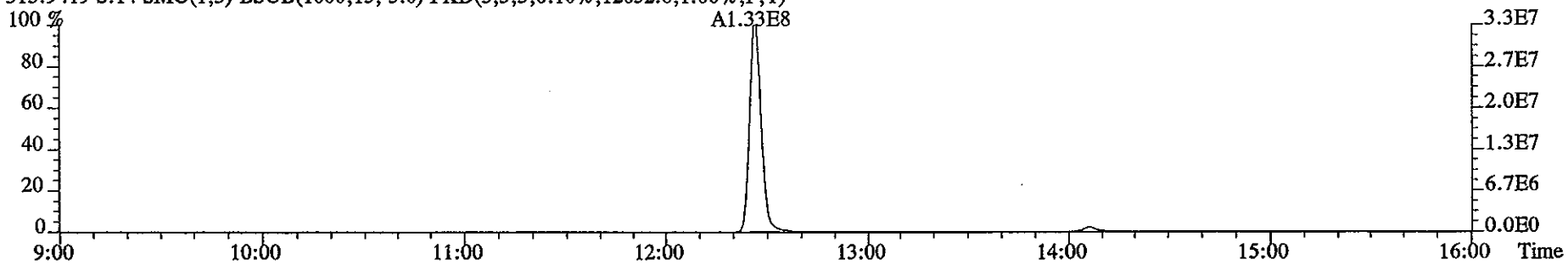
303.9016 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5608.0,1.00%,F,T)



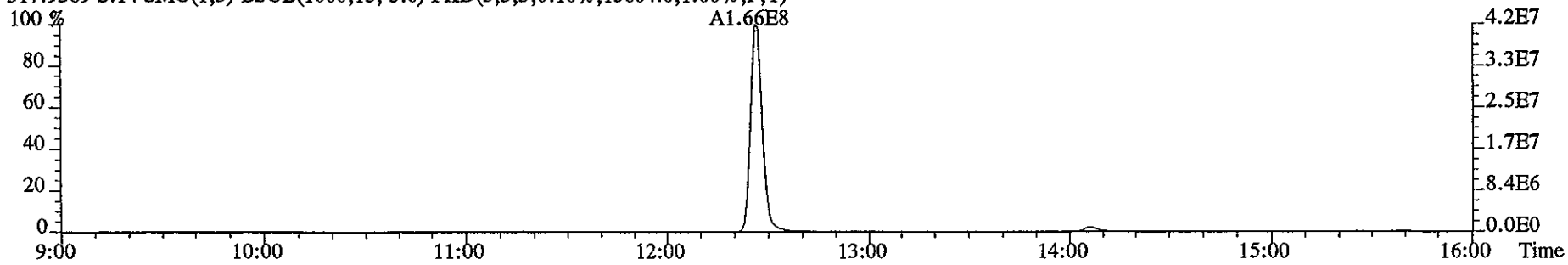
305.8987 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6232.0,1.00%,F,T)



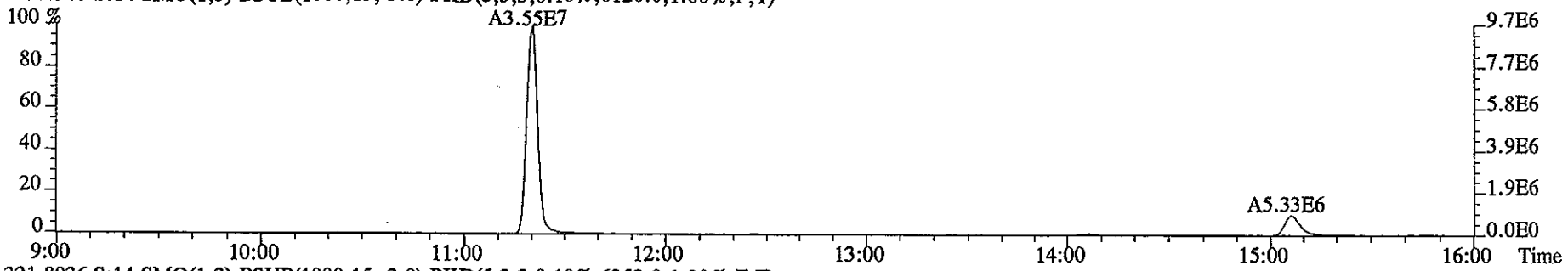
315.9419 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12652.0,1.00%,F,T)



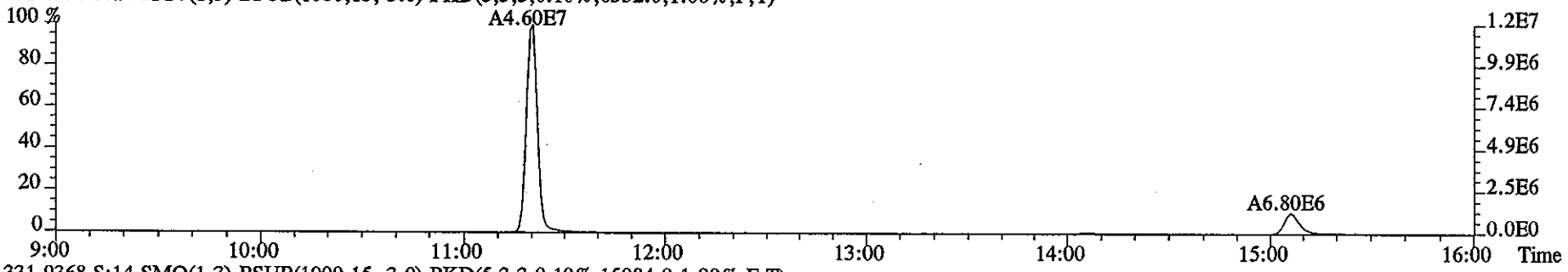
317.9389 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15604.0,1.00%,F,T)



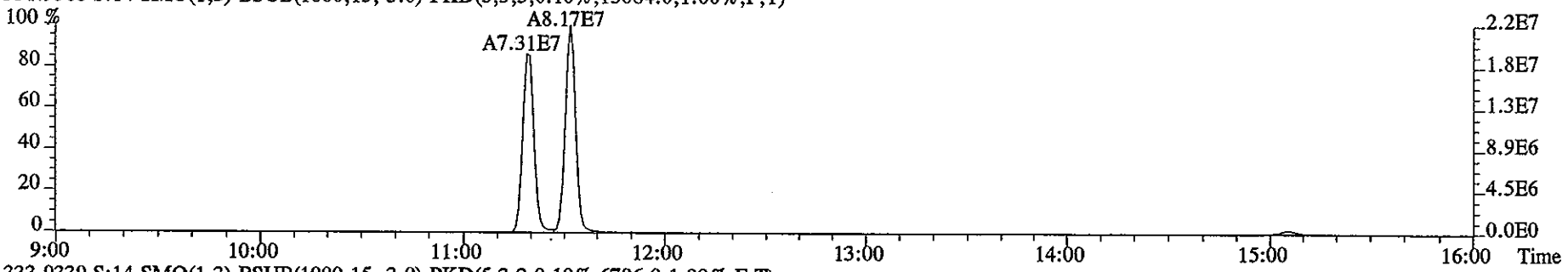
File:16SE057D2 #1-1052 Acq:16-SEP-2005 16:26:30 GC EI+ Voltage SIR 70S
Sample#14 Text:ST0916L :CS4 2565-41D Exp:DB225
319.8965 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6120.0,1.00%,F,T)



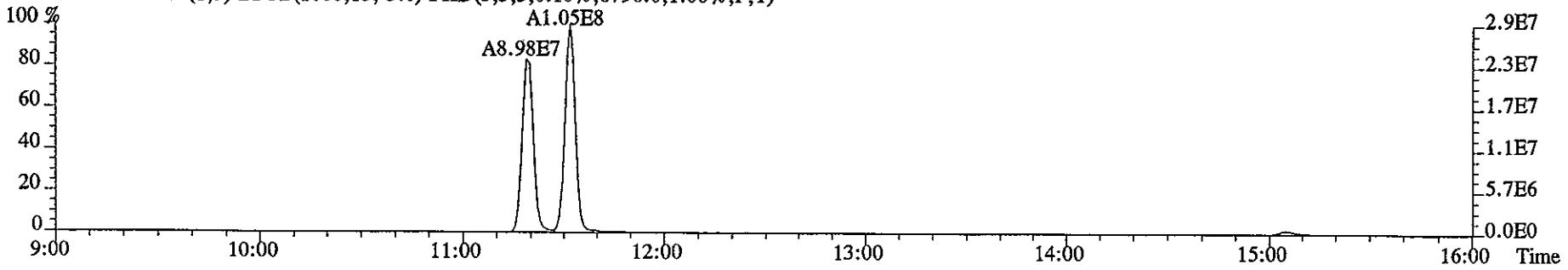
321.8936 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6352.0,1.00%,F,T)



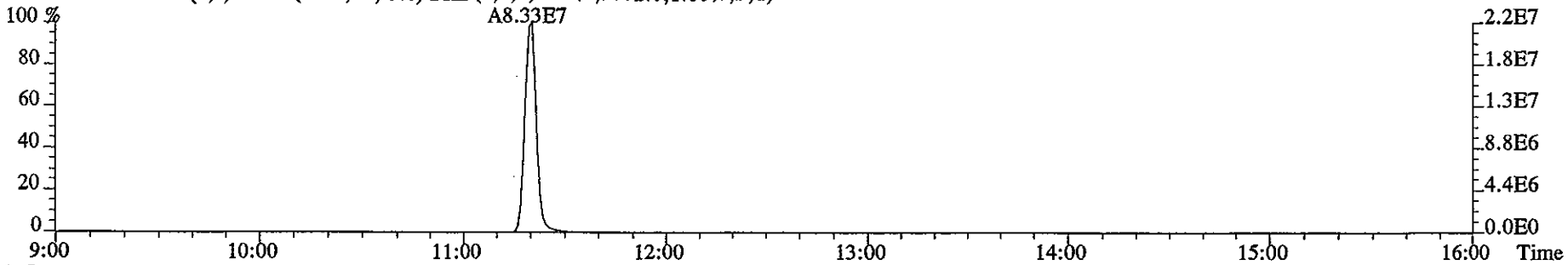
331.9368 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15084.0,1.00%,F,T)



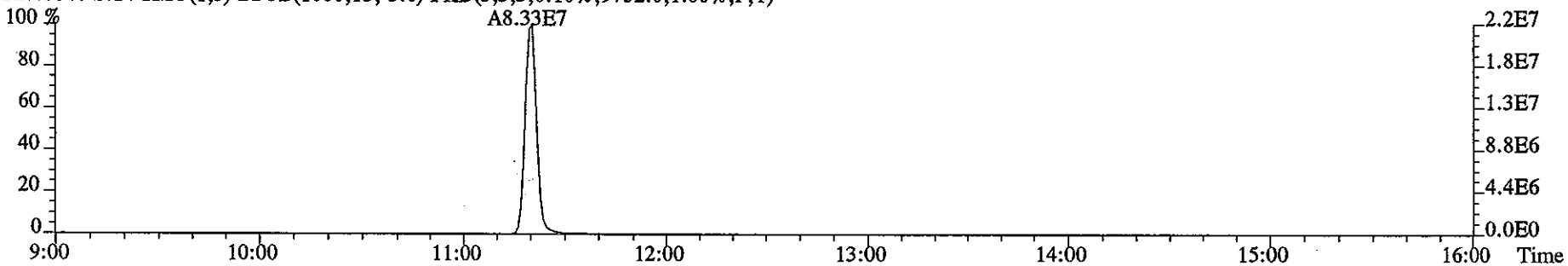
333.9339 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6796.0,1.00%,F,T)



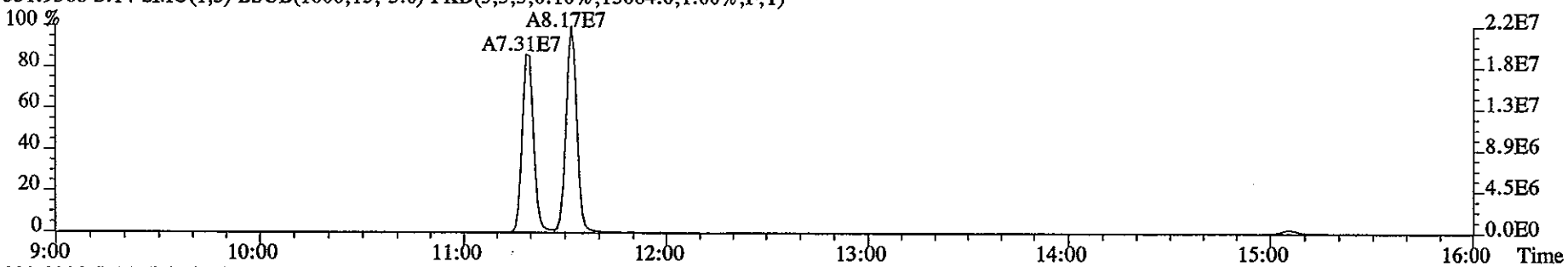
File:16SE057D2 #1-1056 Acq:16-SEP-2005 16:26:30 GC EI+ Voltage SIR 70S
Sample#14 Text:ST0916L :CS4 2565-41D Exp:DB225
327.8840 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9752.0,1.00%,F,T)



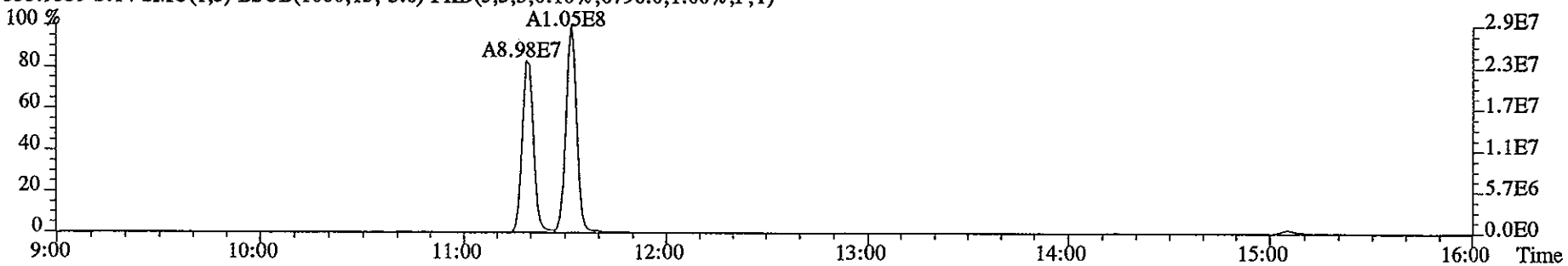
327.8840 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9752.0,1.00%,F,T)



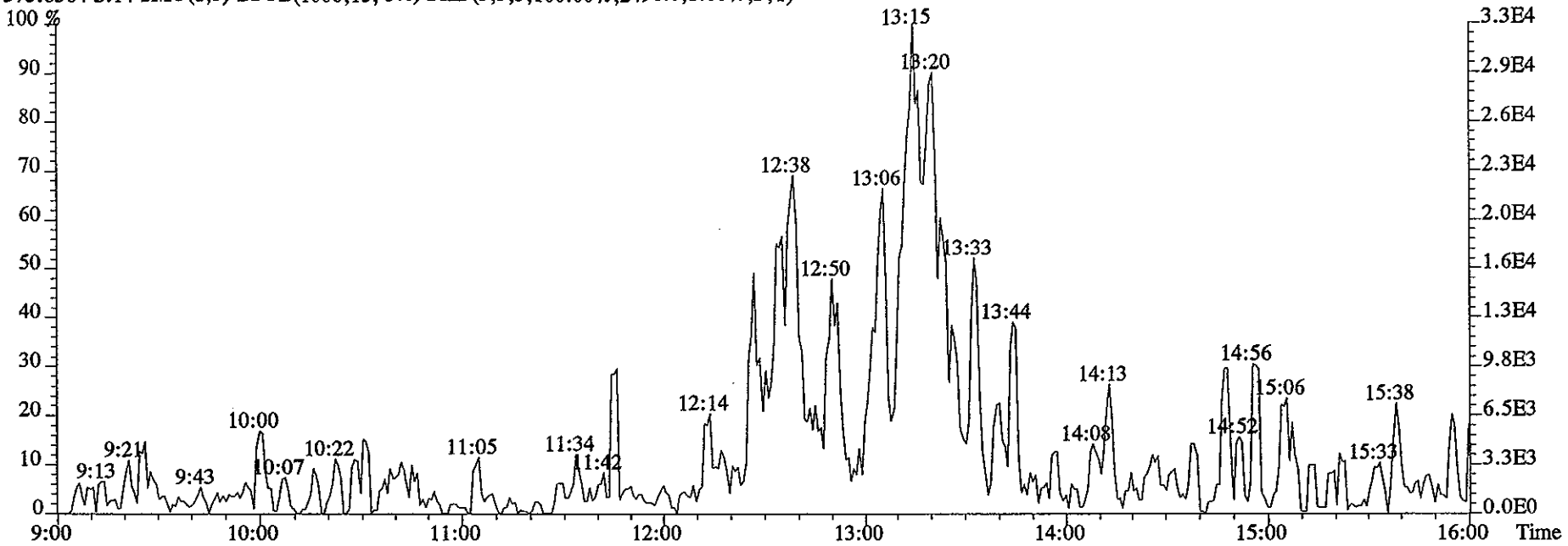
331.9368 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15084.0,1.00%,F,T)



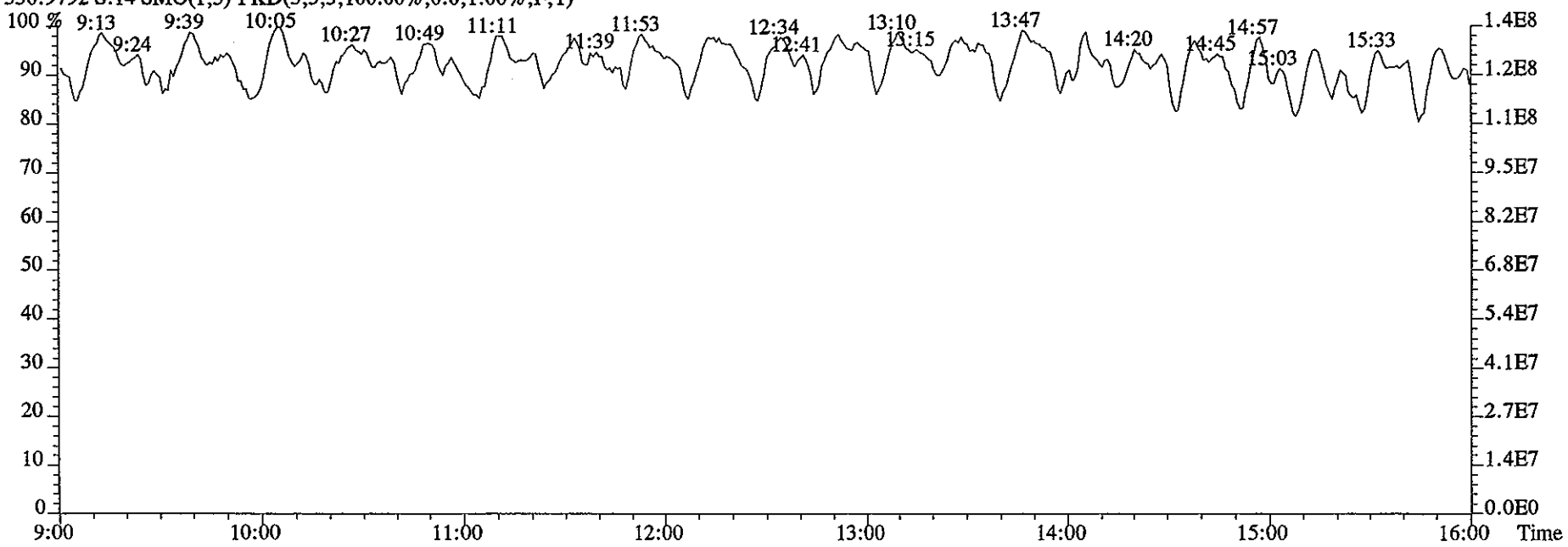
333.9339 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6796.0,1.00%,F,T)



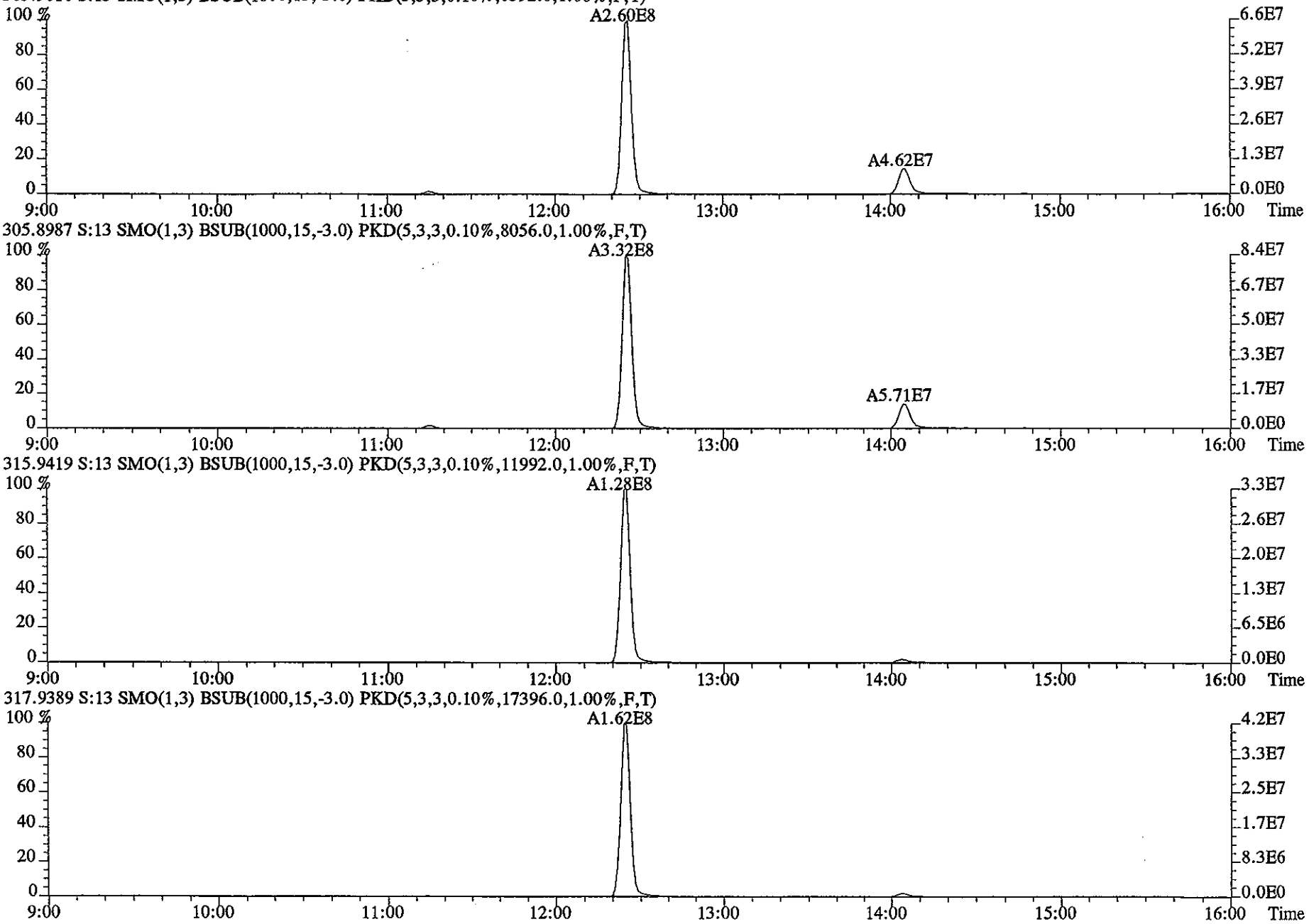
File:16SE057D2 #1-1060 Acq:16-SEP-2005 16:26:30 GC EI+ Voltage SIR 70S
Sample#14 Text:ST0916L :CS4 2565-41D Exp:DB225
375.8364 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2496.0,1.00%,F,T)



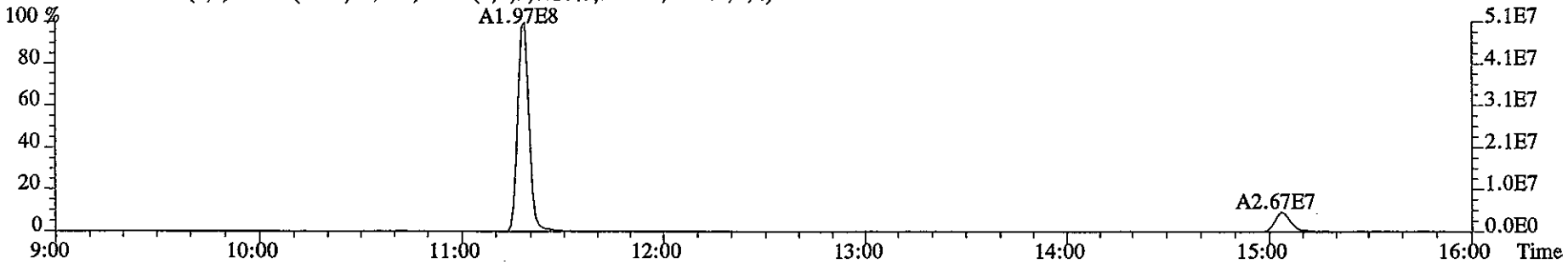
330.9792 S:14 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



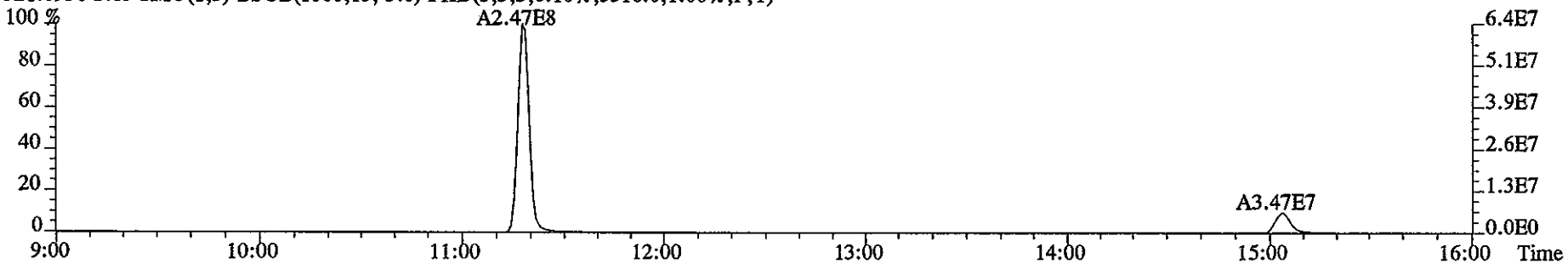
File:16SE057D2 #1-1168 Acq:16-SEP-2005 15:33:20 GC EI+ Voltage SIR 70S
Sample#13 Text:ST0916K :CS5 2565-41E Exp:DB225



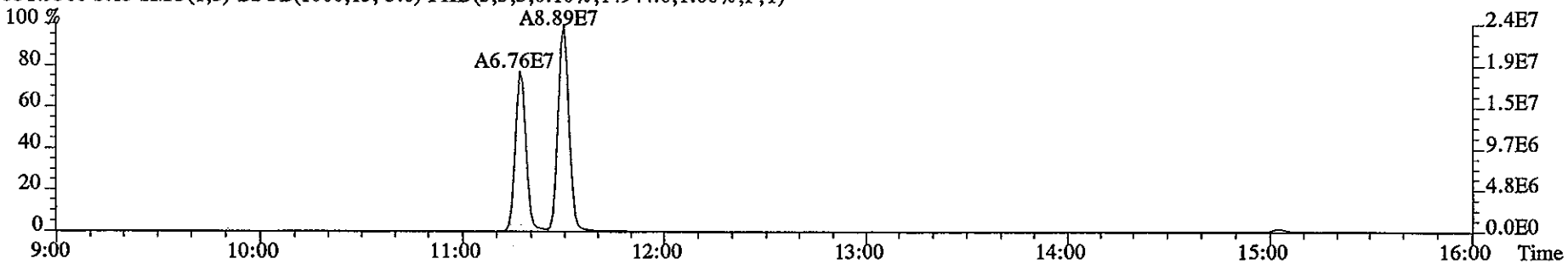
File:16SE057D2 #1-1168 Acq:16-SEP-2005 15:33:20 GC EI+ Voltage SIR 70S
Sample#13 Text:ST0916K :CS5 2565-41E Exp:DB225
319.8965 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5344.0,1.00%,F,T)



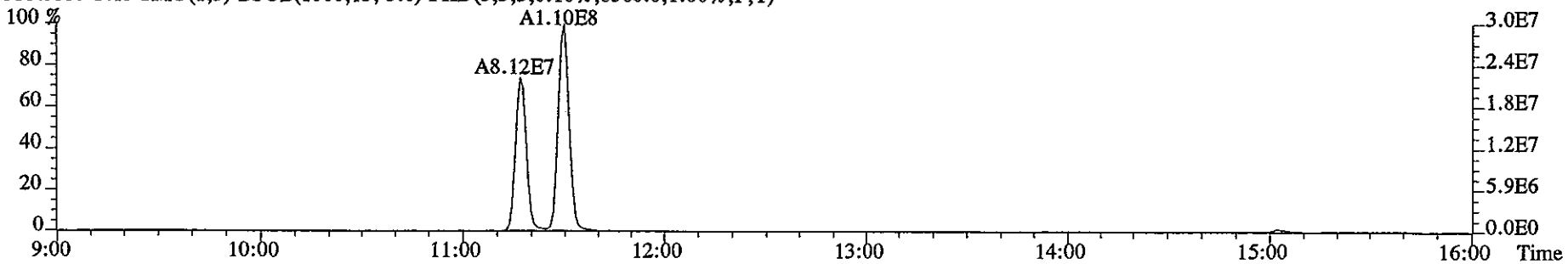
321.8936 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5516.0,1.00%,F,T)



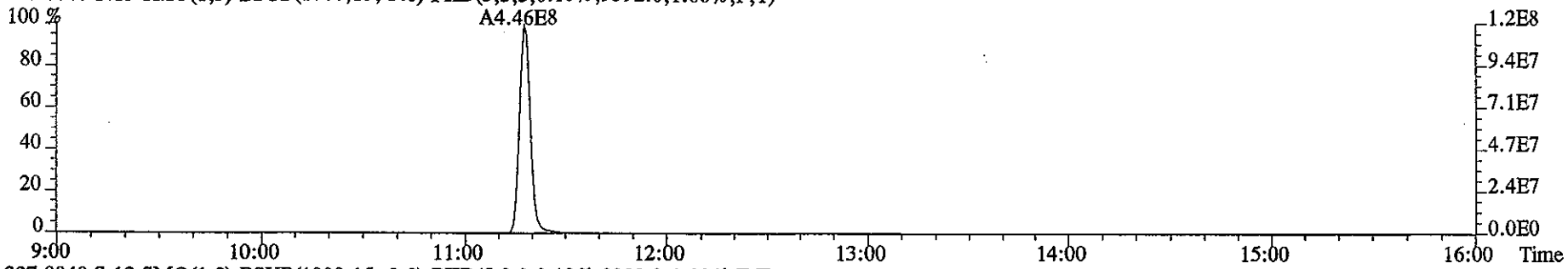
331.9368 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14944.0,1.00%,F,T)



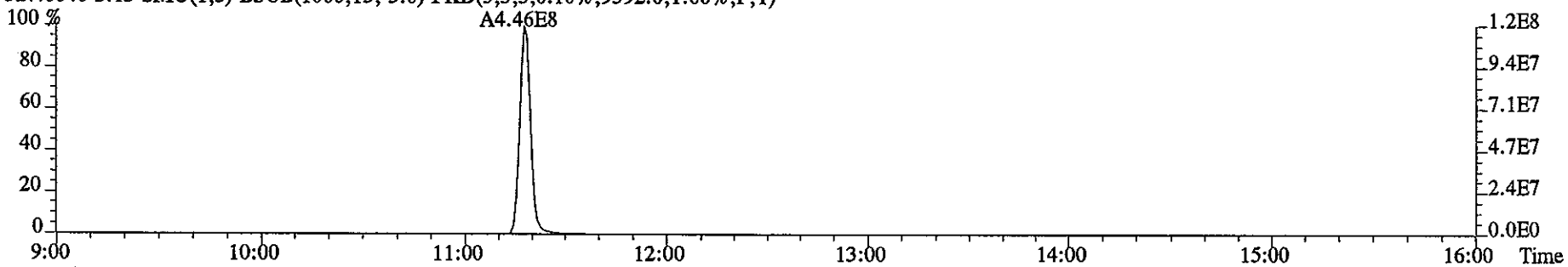
333.9339 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8560.0,1.00%,F,T)



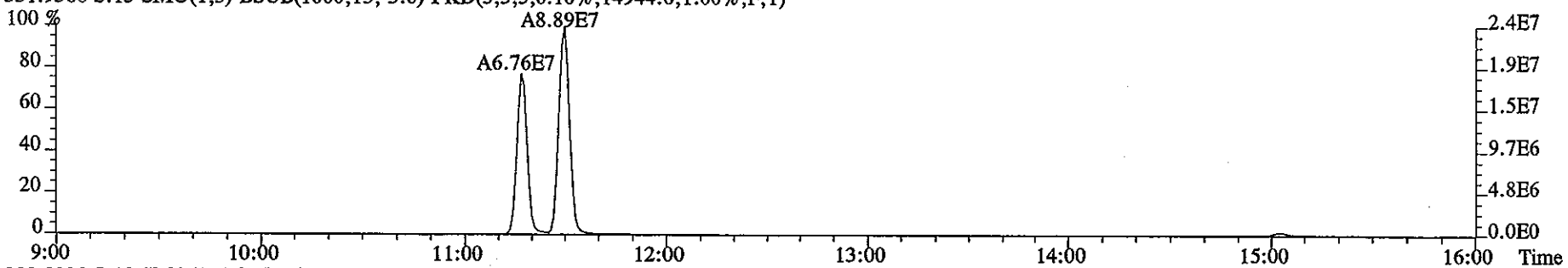
File:16SE057D2 #1-1168 Acq:16-SEP-2005 15:33:20 GC EI+ Voltage SIR 70S
Sample#13 Text:ST0916K :CS5 2565-41E Exp:DB225
327.8840 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9392.0,1.00%,F,T)



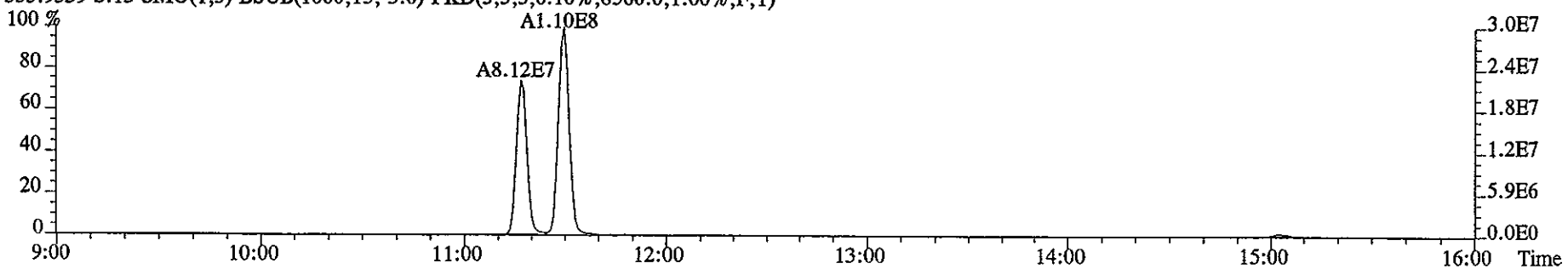
327.8840 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9392.0,1.00%,F,T)



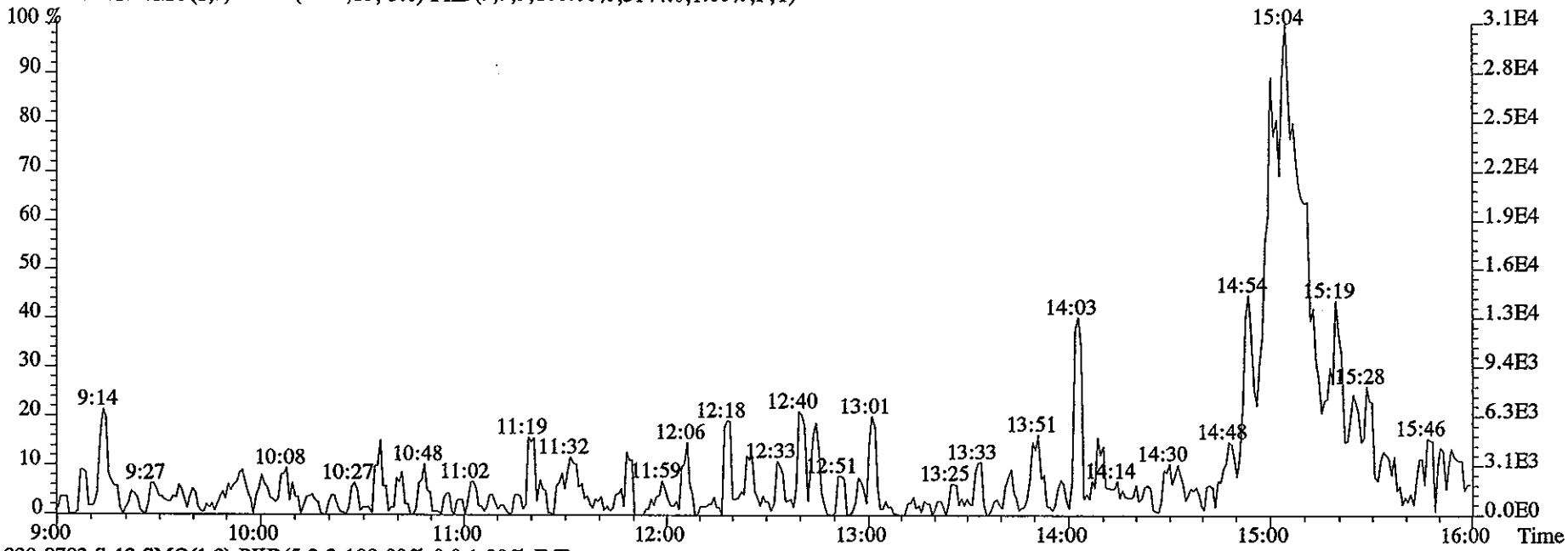
331.9368 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14944.0,1.00%,F,T)



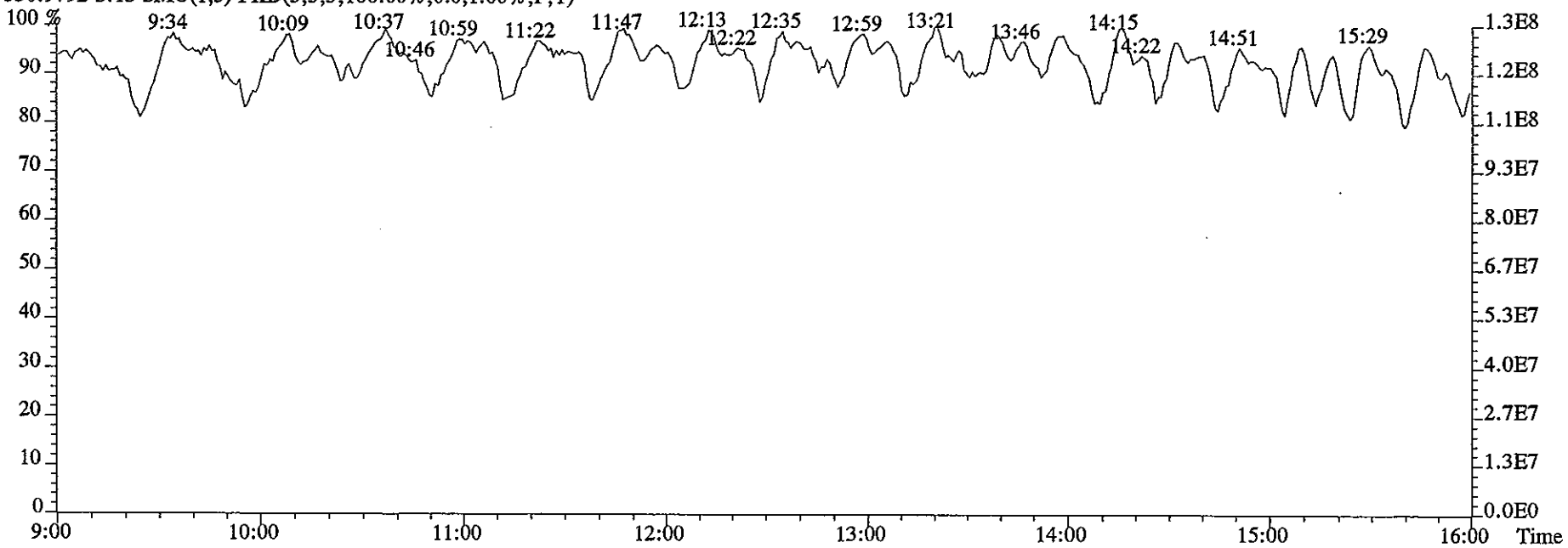
333.9339 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8560.0,1.00%,F,T)



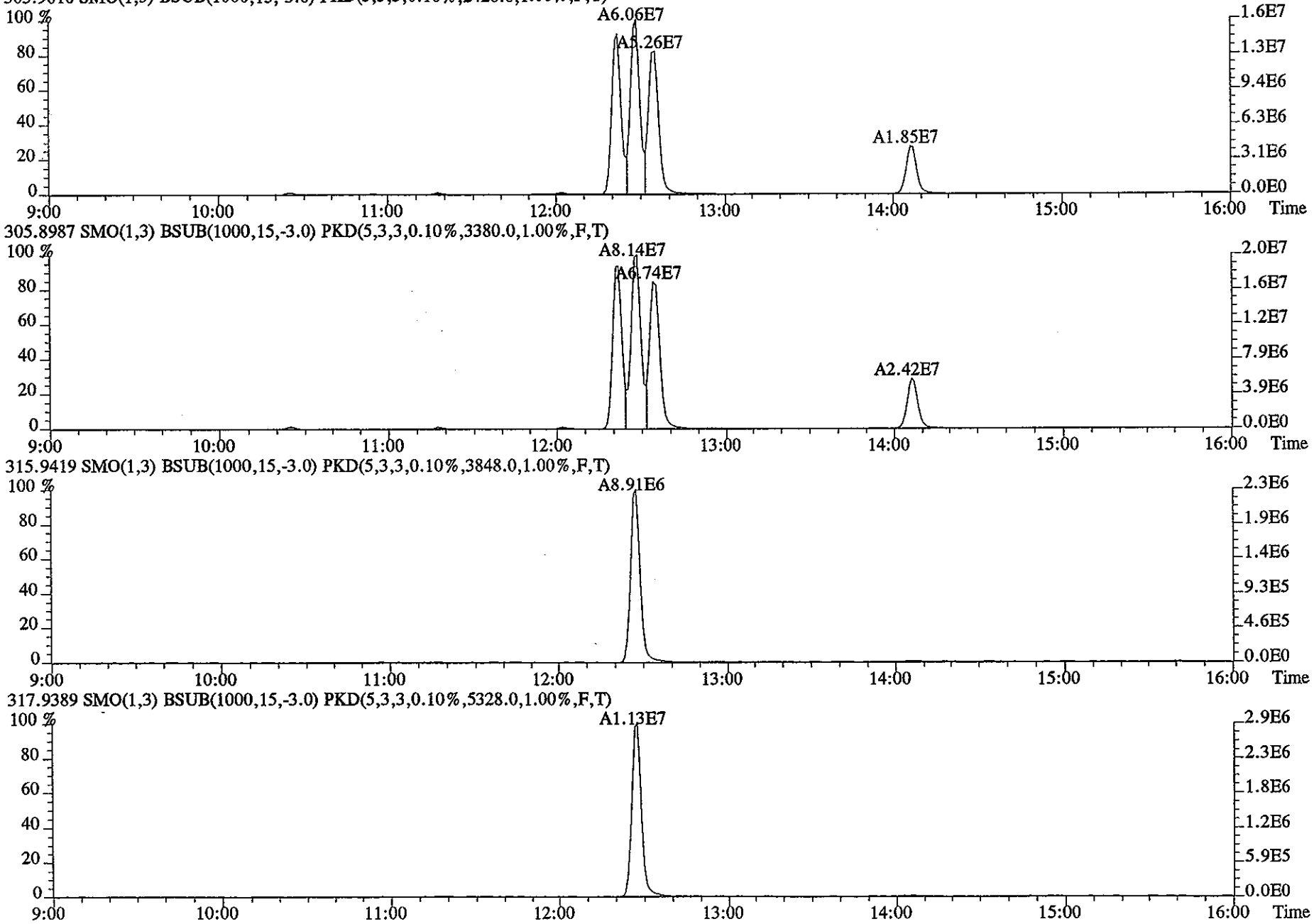
File:16SE057D2 #1-1168 Acq:16-SEP-2005 15:33:20 GC EI+ Voltage SIR 70S
Sample#13 Text:ST0916K :CS5 2565-41E Exp:DB225
375.8364 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3144.0,1.00%,F,T)



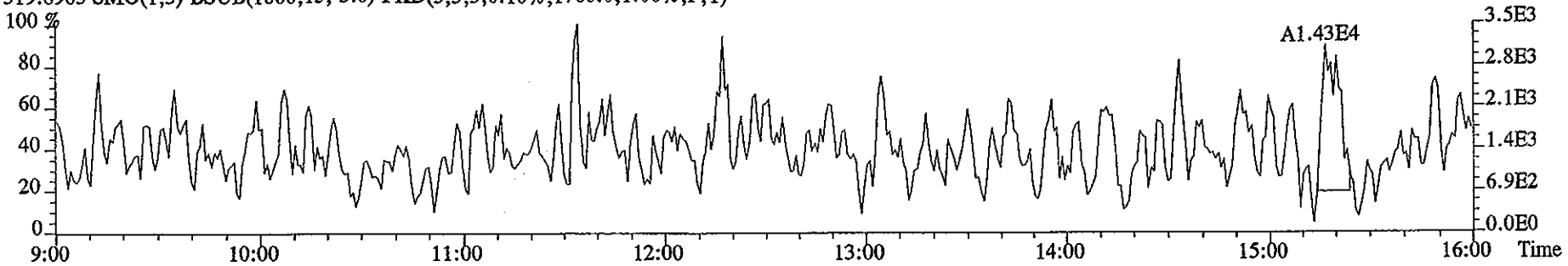
330.9792 S:13 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

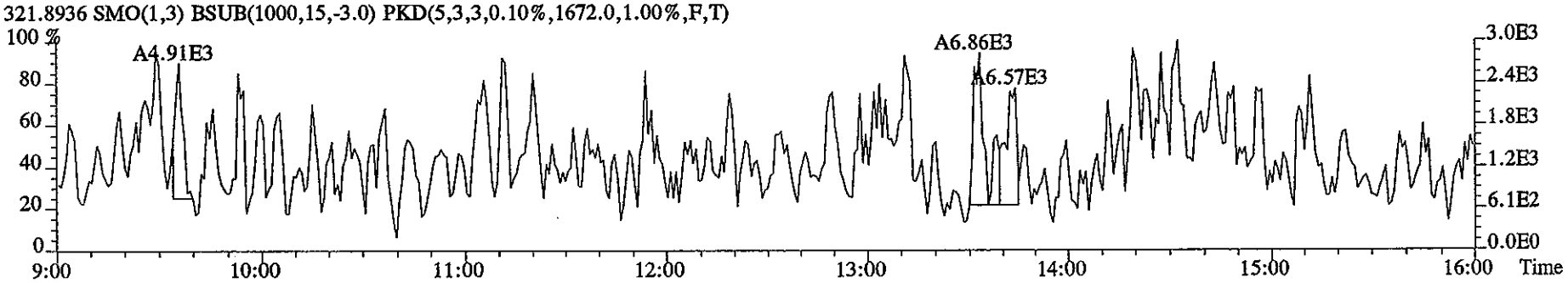


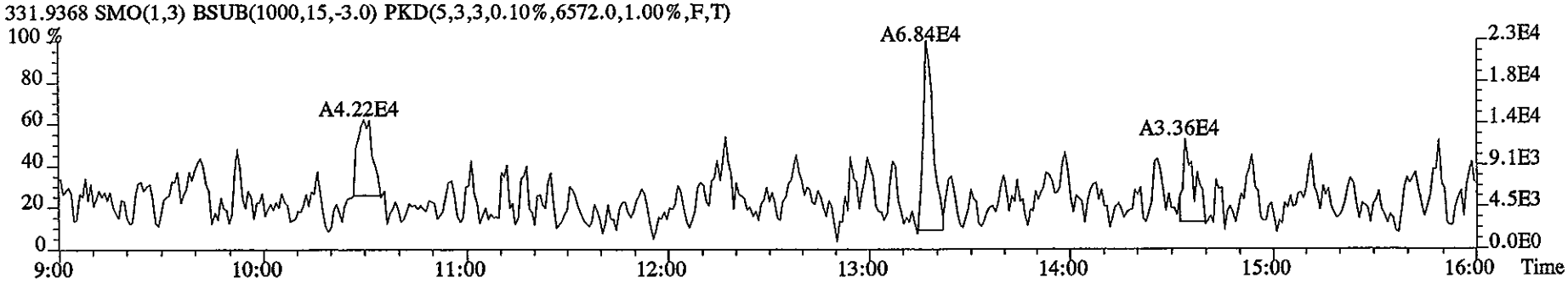
File:16SE057D2 #1-1168 Acq:16-SEP-2005 08:16:30 GC EI+ Voltage SIR 70S
Sample#1 Text:CP0916 :DB-5 CPSM 2565-21 Exp:DB225

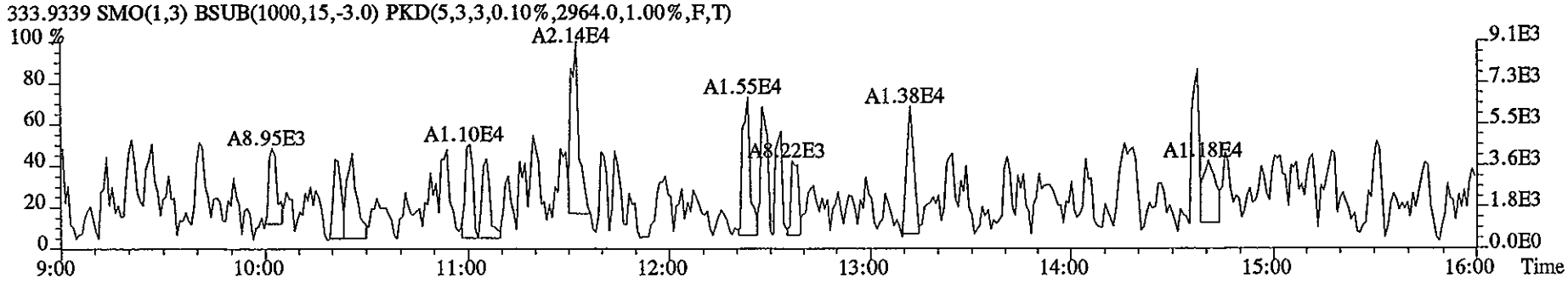


File:16SE057D2 #1-1168 Acq:16-SEP-2005 08:16:30 GC EI+ Voltage SIR 70S
Sample#1 Text:CP0916 :DB-5 CPSM 2565-21 Exp:DB225



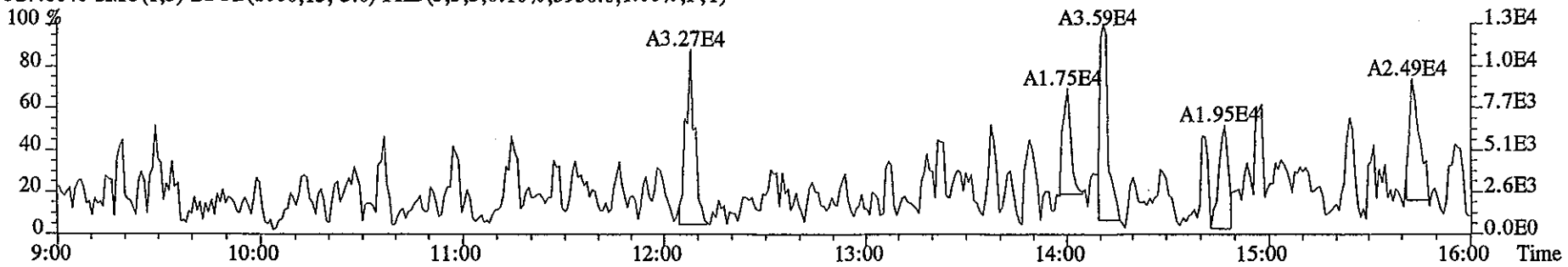




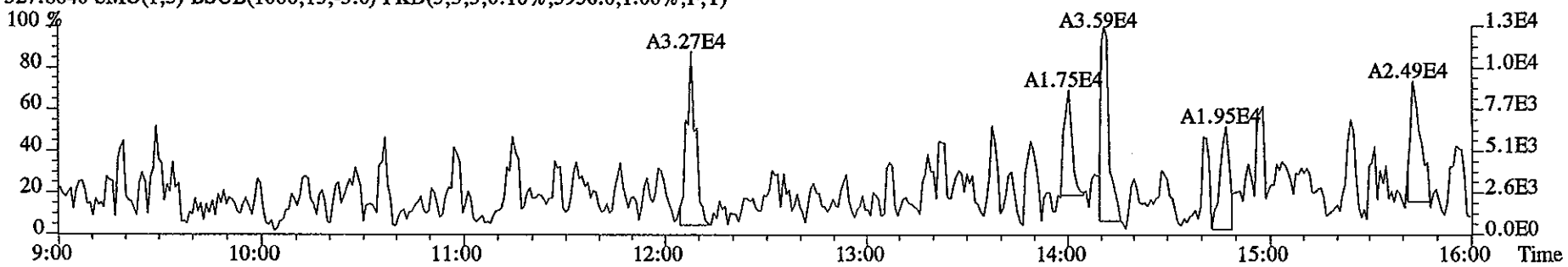


File:16SE057D2 #1-1168 Acq:16-SEP-2005 08:16:30 GC EI+ Voltage SIR 70S
Sample#1 Text:CP0916 :DB-5 CPSM 2565-21 Exp:DB225

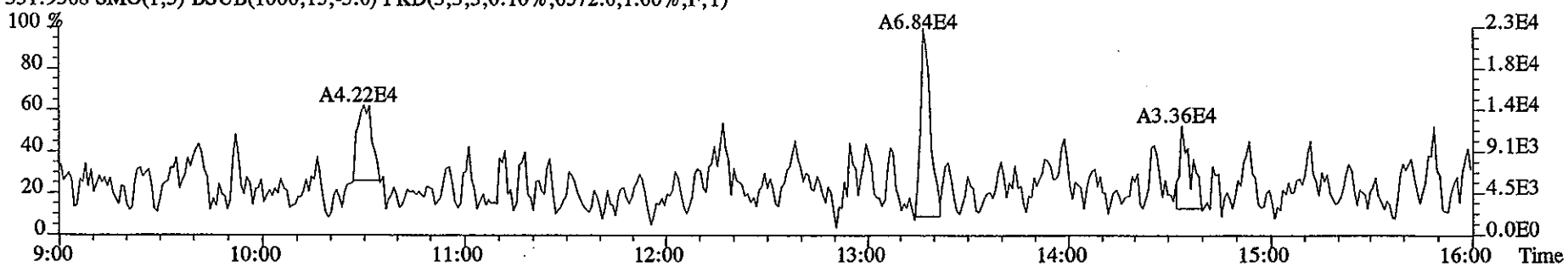
327.8840 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3956.0,1.00%,F,T)



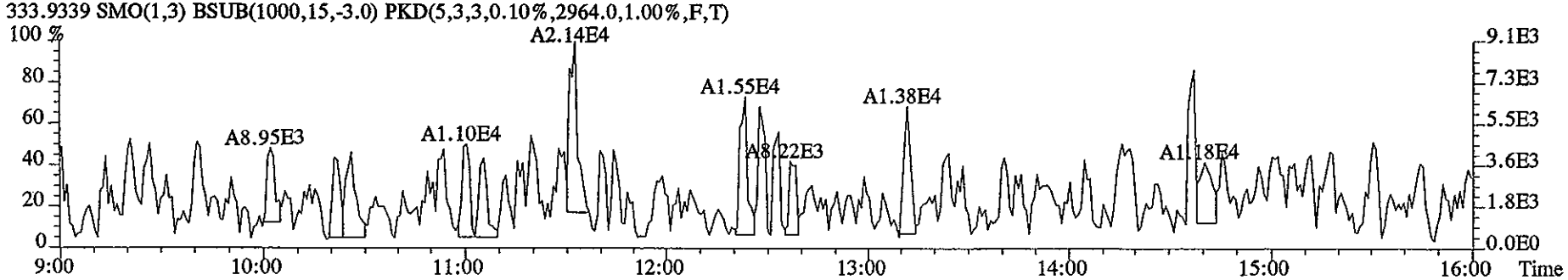
327.8840 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3956.0,1.00%,F,T)

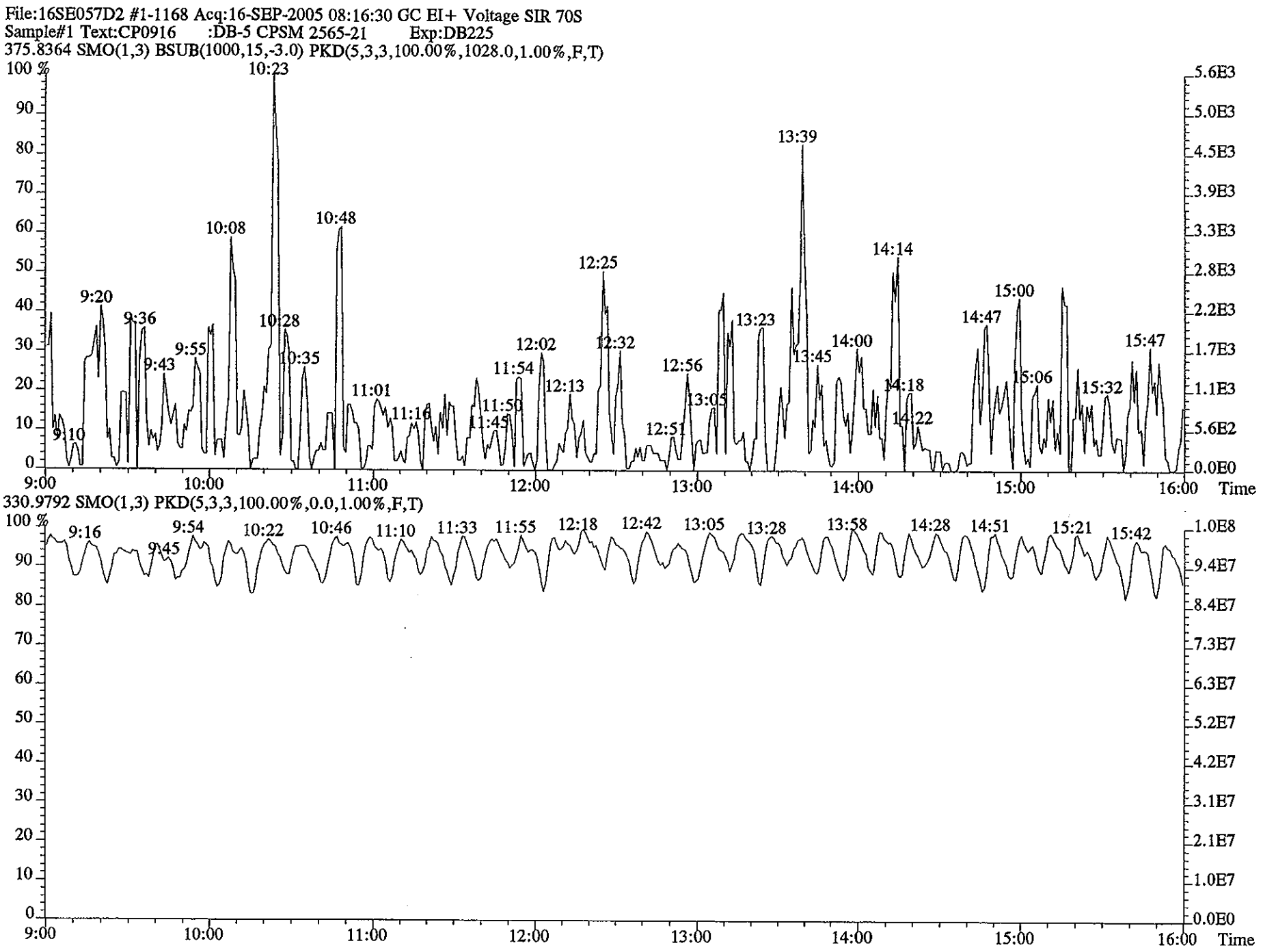


331.9368 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6572.0,1.00%,F,T)



333.9339 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,2964.0,1.00%,F,T)





Sample Extraction/Preparation Log Copies and Checklists

DCS is only required when a client requests one or a MS/SD is requested and limited sample size is available.

G5L300272

IN

Please Circle Extraction Type if used:
Soxhlet / Soxhtherm / DI TCLP

	Ext. 1	Ext. 2
Extraction time on:		
Extraction time off:		

Dioxins/Furans, HRGC/HRMS (8290)

Sample #	Suff	Sugg. Sample Size	Actual Sample Size	Soxhlet Extraction Init/Date	Option C (Acid/Base) Init/Date	IFB Init/Date	D2 Init/Date	* Final Volume Init/Date	Init/Date	Init/Date	Init/Date
MB		10.0	10.0			T.L 1/6/06					
LCS			↓								
DCS											
1			10.0								
2			10.0				1-6-06 BDH				
3			10.0								
4			10.0								
5			10.0								
6			10.0								
8			10.0								
9			10.0								
10			10.0								
11			10.0								
14			10.0								
15			10.0								

All Samples I.S. ID Added Vol./Conc.	1.0ml/ 2726-2	By:	BDH	Witness:	NOA	Date:	JAN 05 2006
LCS/DCS/MS/SD N.S. ID Added Vol./Conc.		By:		Witness:		Date:	
All Samples CRS/Surr ID Added Vol./Conc.	1.0mL 2565-66	By:	BDH	Witness:	T.L	Date:	JAN 06 2006
All Samples R.S. ID Added Vol./Conc.	20ul/2565-22	By:	BDH	Witness:	NOA	Date:	JAN 09 2006

Comments (Including Dilution at FV information):

QC Lot ID: G5L270154-1MB, LCS

Batch: 6005466

Extraction Solvents Used: Toluene

Solvent Lot #: BDH 1-5-06 ~~B3345~~ B42330

Associated Samples:	Batch:	Method:

*Note: Final Volume column is used when the analyst who performed the addition of the Recovery Standard is different than the individual who concentrated the sample to the final volume. Also, if the final volume is different than the volume of Recovery Standard added, please denote in this column as well.

STL Sacramento
Data Checklist
High Resolution and Low Resolution Analyses

SEVERN TRENT SERVICES

Lot ID #: G5L300272 Method ID: Dioxins/Furans, HRGC/HRMS (8290)

Sample # 1 - 6, 8 - 11, 14, 15

(For Internal COC requests only)

Date Delivered to Inst.: _____ Delivered By: _____ Delivered To: _____

	DB-5	DB-225
Data Analyst:	[signature] 11/18/06	[signature] 11/18/06
Date initiated:		
Reviewer:	[signature] 01/20/06	[signature] 01/20/06
Date reviewed:		

QA/QC verification:	Initiated DB-5	Reviewed DB-5	Initiated DB-225 (High Res Only)	Reviewed DB-225 (High Res Only)
-Daily standard package(s) present?	✓	✓	✓	✓
-Method Blank present?	✓	✓	NA	NA
-LCS/DCS copy present and meets native recovery criteria?	✓	✓	NA	NA
-Internal standard recoveries within limits?*	✓	✓	✓	✓
-Ion ratios within + 15% of theoretical values?	✓	✓	✓	✓
-Other QC (Dup,MS,SD) within specs?**	NA	NA	NA	NA

Sample Analysis:	Initiated DB-5	Reviewed DB-5	Initiated DB-225 (High Res Only)	Reviewed DB-225 (High Res Only)
-Correct sample aliquot used?	✓	✓	✓	✓
-All raw data present?	✓	✓	✓	✓
-Standard target DL's used? If RL's are used specify: _____	✓	✓	✓	✓
-DL's below TDL / LCL (please circle)?	✓	✓	✓	✓
-All positives reported at levels greater than method blank DL's?	✓	✓	✓	✓
-Correct RRF's used for method?	✓	✓	✓	✓
-Internal standard amounts correct for method?	✓	✓	✓	✓
-Target analytes are not saturated?	✓	✓	✓	✓
-Dilution/splitting of extract taken into account?	NA	NA	NA	NA
-Have dilution calculations been verified?	NA	NA	NA	NA
-Has a manual calculation for the sequence(s) been verified?	✓	✓	✓	✓
-Are retention times (RT) correct?	✓	✓	✓	✓
-Manual integrations checked?	✓	✓	✓	NA

Comments: (Use other side if necessary)

DCNA

* Recovery limits:		**RPD limits:
NCASI 551:	40-120%***	50%
Method 8290:	40-135%***	20%
Method 1613:	25-150%***	50%
Method 23:	40-130%***(Cl4-Cl6), 25-130%(Cl7-8), 70-130%(surr.)	50%
CARB 428:	40-120%***	50%
CARB 429:	50-150%***	50%
PCBs:	25-150%***	50%
DBD/DBF	20-150%***	
Method 8280:	40-120%***	
DFLM01.0:	25-150%***	

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 1/05/06
Time: 18:34:27

LEV 1	LEV 2		LEV 1	LEV 2	
_	_	Blank	_	_	Weights/Volumes
_	_	Check	_	_	Spike & Surrogate Worksheet
_	_	MS/MSD	_	_	Vial contains correct volume
			_	_	Labels, greenbars, worksheets
			_	_	computer batch: correct & all match
			_	_	Anomalies to Extraction Method

_ Expanded Deliverable
_ COC Completed
_ Bench Sheet Copied
_ Package Submitted to AnalyticalGroup
_ Bench Sheet Copied per COC

Extractionist: _____
_____
_____
Concentrationist: _____
_____

****
* *
* **QC BATCH: 6005466** *
* *
****

PREP DATE: 1/05/06 15:00
COMP DATE: 1/06/06 15:00

Reviewer/Date: _____ / 0/00/00

Dioxins/Furans, HRGC/HRMS (8290)
SOXHLET (NOMINAL)

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
1/27/06	1/16/06	G5L300272-001 **HT1V2-1-AC**	D	4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	1.0ML 2726-02
COMMENTS:															
1/27/06	1/16/06	G5L300272-002 **HT1V9-1-AC**	D	4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	1.0ML 2726-02
COMMENTS:															
1/27/06	1/16/06	G5L300272-003 **HT1WF-1-AC**	D	4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	1.0ML 2726-02
COMMENTS:															
1/27/06	1/16/06	G5L300272-004 **HT1WH-1-AC**	D	4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	1.0ML 2726-02
COMMENTS:															
1/27/06	1/16/06	G5L300272-005 **HT1WK-1-AC**	D	4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	1.0ML 2726-02
COMMENTS:															
1/27/06	1/16/06	G5L300272-006 **HT1WL-1-AC**	D	4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	1.0ML 2726-02
COMMENTS:															
1/27/06	1/16/06	G5L300272-008 **HT1WP-1-AC**	D	4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	1.0ML 2726-02
COMMENTS:															

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 1/05/06
Time: 18:34:27

QC BATCH: 6005466

PREP DATE: 1/05/06 15:00
COMP DATE: 1/06/06 15:00

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH"S INIT	PH"S ADJ1	PH"S ADJ2	SOLVENTS EXTRACTION	SOLVENTS VOL	SOLVENTS EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
1/27/06	1/16/06	G5L300272-009 **HT1WR-1-AC**	D	4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	1.0ML 2726-02
COMMENTS:															
1/27/06	1/16/06	G5L300272-010 **HT1WT-1-AC**	D	4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	1.0ML 2726-02
COMMENTS:															
1/27/06	1/16/06	G5L300272-011 **HT1WW-1-AC**	D	4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	1.0ML 2726-02
COMMENTS:															
1/27/06	1/16/06	G5L300272-014 **HT1W1-1-AC**	D	4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	1.0ML 2726-02
COMMENTS:															
1/27/06	1/16/06	G5L300272-015 **HT1W3-1-AC**	D	4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	1.0ML 2726-02
COMMENTS:															
1/27/06	0/00/00	G6A050000-466 **HT6X2-1-AA**B		4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	1.0ML 2726-02
COMMENTS:															
1/27/06	0/00/00	G6A050000-466 **HT6X2-1-AC**C		4W	IN	SOLID	**10.00g** 20.00uL	NA	NA	NA	TOLUENE	300.0	C14	100.0	50UL 2565-39 1.0ML 2726-02
COMMENTS:															

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD

NUMBER OF WORK ORDERS IN BATCH: 14

SEVERN TRENT SERVICES

% Moisture/Solid Worksheet

QCBATCH: 6005442

Analyzed by: romerod

Report created: 1/6/06 1:54:06 PM

Lot ID	WorkOrder	Pan Tare	Sample Wet Wt	Sample Dry Wt	Wt Diff (Water)	Percent Water	Percent Solid	Reporting Limit	Foot Note	Date Time
G5L300272-1	HT1V21AA	1.01	11.36	2.85	8.51	82.22	17.78			1/6/06 1:51:25 PM
G5L300272-1	HT1V21AD	1.01	6.21	1.84	4.37	84.04	15.96	0.1		1/6/06 1:51:32 PM
G5L300272-2	HT1V91AA	1.00	12.11	9.41	2.70	24.30	75.70			1/6/06 1:51:38 PM
G5L300272-3	HT1WF1AA	1.02	10.72	2.41	8.31	85.67	14.33			1/6/06 1:51:45 PM
G5L300272-4	HT1WH1AA	1.02	13.70	6.63	7.07	55.76	44.24			1/6/06 1:51:51 PM
G5L300272-5	HT1WK1AA	1.03	17.43	9.95	7.48	45.61	54.39			1/6/06 1:51:57 PM
G5L300272-6	HT1WL1AA	1.01	12.93	7.10	5.83	48.91	51.09			1/6/06 1:52:17 PM
G5L300272-8	HT1WP1AA	1.01	25.21	24.98	0.23	0.95	99.05			1/6/06 1:52:24 PM
G5L300272-9	HT1WR1AA	1.02	9.89	8.65	1.24	13.98	86.02			1/6/06 1:52:30 PM
G5L300272-10	HT1WT1AA	1.02	7.57	5.22	2.35	35.88	64.12			1/6/06 1:52:37 PM
G5L300272-11	HT1WW1AA	1.03	11.68	11.06	0.62	5.82	94.18			1/6/06 1:52:44 PM
G5L300272-14	HT1W11AA	1.05	9.72	8.32	1.40	16.15	83.85			1/6/06 1:52:50 PM
G5L300272-15	HT1W31AA	1.04	7.20	6.01	1.19	19.32	80.68			1/6/06 1:52:57 PM
G6A040214-1	HT4G01AC	1.04	6.62	6.20	0.42	7.53	92.47	0.1		1/6/06 1:53:03 PM
G6A040214-2	HT4G81AC	1.01	5.91	5.63	0.28	5.71	94.29	0.1		1/6/06 1:53:10 PM
G6A040257-1	HT4RJ1AA	1.03	6.08	2.80	3.28	64.95	35.05	0.1		1/6/06 1:53:16 PM
G6A040259-1	HT4R61AA	1.03	12.05	11.44	0.61	5.54	94.46	0.1		1/6/06 1:53:23 PM
G6A040259-2	HT4TX1AA	1.01	15.19	12.84	2.35	16.57	83.43	0.1		1/6/06 1:53:30 PM
G6A040259-3	HT4T01AA	1.02	9.04	8.02	1.02	12.72	87.28	0.1		1/6/06 1:53:44 PM
G6A040259-4	HT4T21AA	1.03	9.27	8.38	0.89	10.80	89.20	0.1		1/6/06 1:53:51 PM
G6A040259-5	HT4T31AA	1.02	14.45	12.77	1.68	12.51	87.49	0.1		1/6/06 1:53:58 PM

All weights are in grams.
Sample weights (wet & dry) include the weight (tare) of the sample pan.
Wt. Diff. = sample wet weight (+ tare) - sample dry weight (+ tare).
% Water = (Wt. Diff/(sample wet weight - pan tare))*100
% Solid = 100 - percent Water

WATER, 8290, Dioxins/Furans

Raw Data Package

Run/Batch Data

Includes (as applicable):

runlogs

continuing calibration standards

interference/performance check standards

continuing calibration blanks

method blanks

lcs

ms/sd

sample raw data

ms tune data

Run text: HVA2T-1-AA Sample text: HVA2T-1-AA :G6A090000-371B
Run #17 Filename: 10JA061D5 S: 14 I: 1 Results: 10JA061D58290
Acquired: 10-JAN-06 18:36:50 Processed: 11-JAN-06 08:09:31
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 1.000000L

Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	68958900	0.82	y	16:58	-	65.90		-	-	n
13C-2,3,7,8-TCDF	91066300	0.80	y	16:30	1.68	1569.51		5.17	78.5	n
2,3,7,8-TCDF	*	*	n	NotFnd	1.16	*		3.13	-	n
Total TCDF	*	*	n	NotFnd	1.16	*		3.13	-	n
13C-2,3,7,8-TCDD	51918700	0.82	y	17:08	0.90	1680.33		10.30	84.0	n
2,3,7,8-TCDD	*	*	n	NotFnd	1.32	*		4.96	-	n
Total TCDD	*	*	n	NotFnd	1.32	*		4.96	-	n
37Cl-2,3,7,8-TCDD	56200600	1.00	y	17:09	2.44	666.82		3.11	83.4	n
13C-1,2,3,7,8-PeCDF	77625700	1.58	y	21:07	1.54	1457.27		5.71	72.9	n
1,2,3,7,8-PeCDF	*	*	n	NotFnd	1.00	*		5.33	-	n
2,3,4,7,8-PeCDF	*	*	n	NotFnd	1.05	*		5.10	-	n
Total F2 PeCDF	156892	0.95	n	22:55	1.03	~~3.94~~	5.33	~~5.21~~	-	n
Total F1 PeCDF	224030	0.69	n	14:47	1.03	~~5.62~~		~~4.49~~	-	n
13C-1,2,3,7,8-PeCDD	52868800	1.67	y	23:00	0.91	1677.72		6.65	83.9	n
1,2,3,7,8-PeCDD	*	*	n	NotFnd	1.04	*		6.60	-	n
Total PeCDD	126239	1.64	y	22:52	1.04	~~4.58~~		6.60	-	n
13C-1,2,3,7,8,9-HxCDD	54935500	1.26	y	31:28	-	57.07		-	-	n
13C-1,2,3,4,7,8-HxCDF	55952700	0.53	y	28:56	1.38	1472.82		13.02	73.6	n
1,2,3,4,7,8-HxCDF	*	*	n	NotFnd	1.11	*		11.57	-	n
1,2,3,6,7,8-HxCDF	*	*	n	NotFnd	1.14	*		11.27	-	n
2,3,4,6,7,8-HxCDF	*	*	n	NotFnd	1.06	*		12.08	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.02	*		12.62	-	n
Total HxCDF	*	*	n	NotFnd	1.08	*	12.62	~~11.86~~	-	n
13C-1,2,3,6,7,8-HxCDD	42488300	1.26	y	31:01	0.96	1615.24		11.13	80.8	n
1,2,3,4,7,8-HxCDD	*	*	n	NotFnd	0.95	*		10.08	-	n
1,2,3,6,7,8-HxCDD	*	*	n	NotFnd	1.00	*		9.60	-	n
1,2,3,7,8,9-HxCDD	*	*	n	NotFnd	1.04	*		9.21	-	n
Total HxCDD	*	*	n	NotFnd	1.00	*	10.08	~~9.62~~	-	n
13C-1,2,3,4,6,7,8-HpCDF	43876000	0.45	y	33:27	1.13	1414.23		20.22	70.7	n
1,2,3,4,6,7,8-HpCDF	*	*	n	NotFnd	1.31	*		6.29	-	n
1,2,3,4,7,8,9-HpCDF	*	*	n	NotFnd	1.19	*		6.92	-	n
Total HpCDF	109427	0.84	n	32:58	1.25	~~3.99~~	6.92	~~6.59~~	-	n
13C-1,2,3,4,6,7,8-HpCDD	40475900	1.08	y	34:19	1.00	1476.45		15.28	73.8	n
1,2,3,4,6,7,8-HpCDD	*	*	n	NotFnd	0.95	*		8.17	-	n
Total HpCDD	383685	0.56	n	32:58	0.95	~~19.99~~		8.17	-	n
13C-OCDD	60435900	0.87	y	36:53	0.81	~~2718.51~~ 3414 D61		14.83	86.1 ~~68.0~~	n
OCDF	*	*	n	NotFnd	1.32	*		9.86	-	n
OCDD	*	*	n	NotFnd	1.00	*		10.13	-	n

Run Text: HVA2T-1-AA Sample text: HVA2T-1-AA :G6A090000-371B

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:0
Run: 17 File: 10JA061D5 S:14 Acq:10-JAN-06 18:36:50
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D¶

Amount:	* of which	* named and	*	unnamed
Conc:	* of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF¶	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HVA2T-1-AA Sample text: HVA2T-1-AA :G6A090000-371B

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:0
Run: 17 File: 10JA061D5 S:14 Acq:10-JAN-06 18:36:50
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D¶

Amount:	* of which	* named and	*	unnamed
Conc:	* of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF¶	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HVA2T-1-AA Sample text: HVA2T-1-AA :G6A090000-371B

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:1
Run: 17 File: 10JA061D5 S:14 Acq:10-JAN-06 18:36:50
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D¶

Amount:	3.94 of which	* named and	3.94	unnamed
Conc:	3.94 of which	* named and	3.94	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	22:55	0.95	n	3.94	95366	3.3	y	n
						100542	2.7	n	n

Run Text: HVA2T-1-AA Sample text: HVA2T-1-AA :G6A090000-371B

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:2
Run: 17 File: 10JA061D5 S:14 Acq:10-JAN-06 18:36:50
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	5.62 of which	* named and	5.62	unnamed		
Conc:	5.62 of which	* named and	5.62	unnamed		

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:47	0.69	n	2.89	69908	3.5	y	n
						101763	3.6	y	n
	2	18:10	0.64	n	2.74	66268	3.5	y	n
						104308	3.0	y	n

Run Text: HVA2T-1-AA Sample text: HVA2T-1-AA :G6A090000-371B

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:1
Run: 17 File: 10JA061D5 S:14 Acq:10-JAN-06 18:36:50
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	4.58 of which	* named and	4.58	unnamed		
Conc:	4.58 of which	* named and	4.58	unnamed		

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	22:52	1.64	y	4.58	78465	2.7	n	n
						47774	2.6	n	n

Run Text: HVA2T-1-AA Sample text: HVA2T-1-AA :G6A090000-371B

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:0
Run: 17 File: 10JA061D5 S:14 Acq:10-JAN-06 18:36:50
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	* of which	* named and	*	unnamed
Conc:	* of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HVA2T-1-AA Sample text: HVA2T-1-AA :G6A090000-371B

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:0
Run: 17 File: 10JA061D5 S:14 Acq:10-JAN-06 18:36:50
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	* of which	* named and	*	unnamed
Conc:	* of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HVA2T-1-AA Sample text: HVA2T-1-AA :G6A090000-371B

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:1
Run: 17 File: 10JA061D5 S:14 Acq:10-JAN-06 18:36:50
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	3.99 of which	* named and	3.99	unnamed
Conc:	3.99 of which	* named and	3.99	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	32:58	0.84	n	3.99	55786	1.7	n	n
						66675	2.2	n	n

Run Text: HVA2T-1-AA Sample text: HVA2T-1-AA :G6A090000-371B

Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:3
Run: 17 File: 10JA061D5 S:14 Acq:10-JAN-06 18:36:50
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	19.99 of which	* named and	19.99	unnamed
Conc:	19.99 of which	* named and	19.99	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	32:58	0.56	n	2.81	27535	1.2	n	n
						49144	2.8	n	n
	2	33:27	2.39	n	5.12	115045	4.2	y	n
						48150	2.7	n	n
	3	34:39	1.77	n	12.06	200778	5.1	y	n
						113455	5.0	y	n

Run Text: HR66J-2-AA Sample text: HR66J-2-AA :C5L150252-5RX

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:0
Run: 18 File: 10JA061D5 S:15 Acq:10-JAN-06 19:18:30
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	* of which	* named and	*	unnamed
Conc:	* of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HR66J-2-AA Sample text: HR66J-2-AA :C5L150252-5RX

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:1
Run: 18 File: 10JA061D5 S:15 Acq:10-JAN-06 19:18:30
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	* of which	* named and	*	unnamed
Conc:	* of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	16:28	4.68	n	*	348614	9.7	y	n
						74547	1.9	n	n

Run Text: HR66J-2-AA Sample text: HR66J-2-AA :C5L150252-5RX

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:1
Run: 18 File: 10JA061D5 S:15 Acq:10-JAN-06 19:18:30
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	* of which	* named and	*	unnamed
Conc:	* of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	22:53	0.71	n	*	50864	1.9	n	n
						71235	1.7	n	n

Run Text: HR66J-2-AA Sample text: HR66J-2-AA :C5L150252-5RX

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:2
Run: 18 File: 10JA061D5 S:15 Acq:10-JAN-06 19:18:30
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	* of which		* named and		* unnamed				
Conc:	* of which		* named and		* unnamed				

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:48	0.70	n	*	45144	1.6	n	n
						64258	2.3	n	n
	2	18:09	0.58	n	*	39924	1.6	n	n
						68492	2.0	n	n

Run Text: HR66J-2-AA Sample text: HR66J-2-AA :C5L150252-5RX

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:0
Run: 18 File: 10JA061D5 S:15 Acq:10-JAN-06 19:18:30
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	* of which		* named and		* unnamed				
Conc:	* of which		* named and		* unnamed				

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HR66J-2-AA Sample text: HR66J-2-AA :C5L150252-5RX

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:0
Run: 18 File: 10JA061D5 S:15 Acq:10-JAN-06 19:18:30
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	* of which		* named and		* unnamed				
Conc:	* of which		* named and		* unnamed				

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HR66J-2-AA Sample text: HR66J-2-AA :C5L150252-5RX

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:2
Run: 18 File: 10JA061D5 S:15 Acq:10-JAN-06 19:18:30
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	5.62 of which	* named and	5.62	unnamed	
Conc:	5.84 of which	* named and	5.84	unnamed	

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	29:16	1.07	y	3.95	44017	1.4	n	n
						41046	1.5	n	n
	2	31:40	5.27	n	1.90	96102	2.5	n	n
						18252	0.8	n	n

Run Text: HR66J-2-AA Sample text: HR66J-2-AA :C5L150252-5RX

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:1
Run: 18 File: 10JA061D5 S:15 Acq:10-JAN-06 19:18:30
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

Amount:	1.99 of which	1.99 named and	*	unnamed
Conc:	2.07 of which	2.07 named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,7,8,9-HpCDF	1	34:34	1.00	y	2.07	26794	1.1	n	n
						26859	1.8	n	n

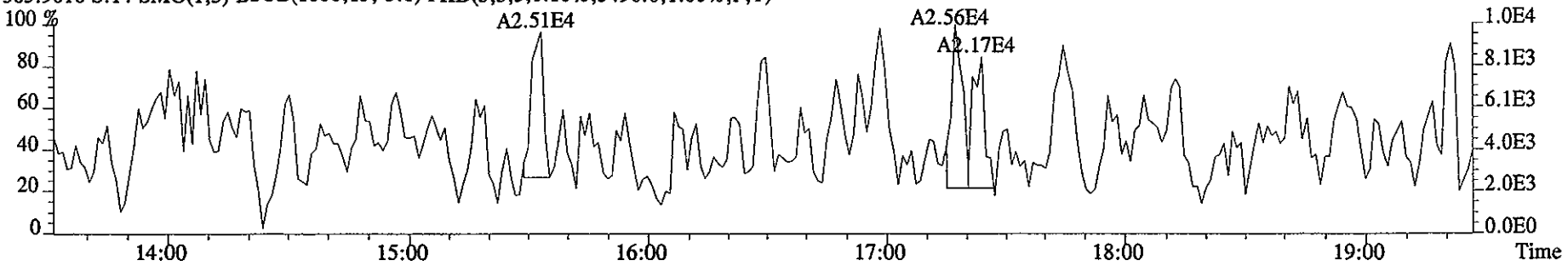
Run Text: HR66J-2-AA Sample text: HR66J-2-AA :C5L150252-5RX

Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:2
Run: 18 File: 10JA061D5 S:15 Acq:10-JAN-06 19:18:30
Tables: Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D

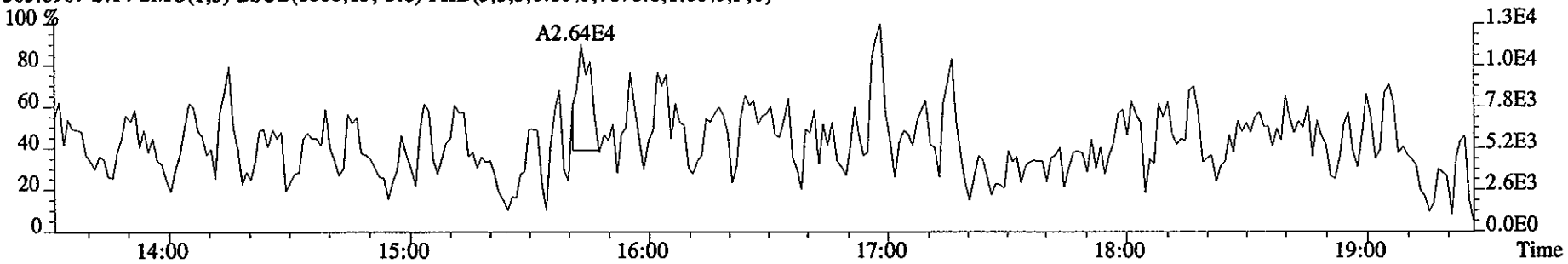
Amount:	11.46 of which	* named and	11.46	unnamed	
Conc:	11.92 of which	* named and	11.92	unnamed	

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:28	2.46	n	4.95	113528	4.6	y	n
						46225	2.4	n	n
	2	34:38	3.18	n	6.97	207017	5.2	y	n
						65092	2.4	n	n

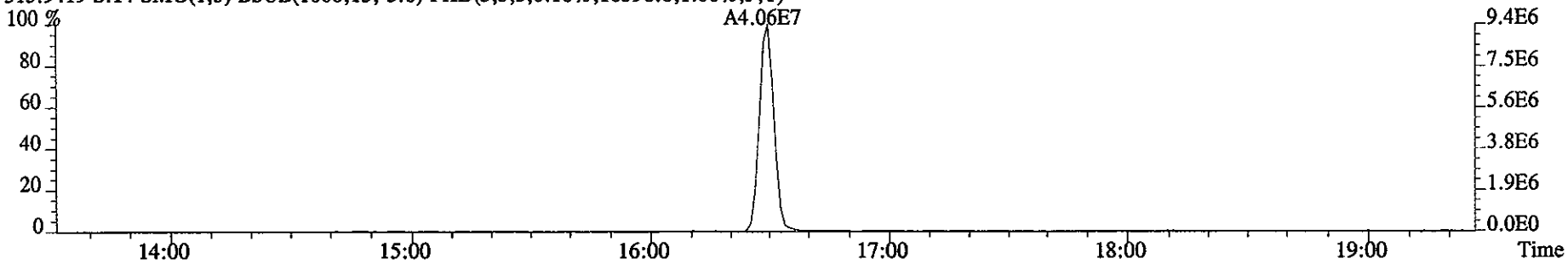
File:10JA061D5 #1-322 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN
303.9016 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5496.0,1.00%,F,T)



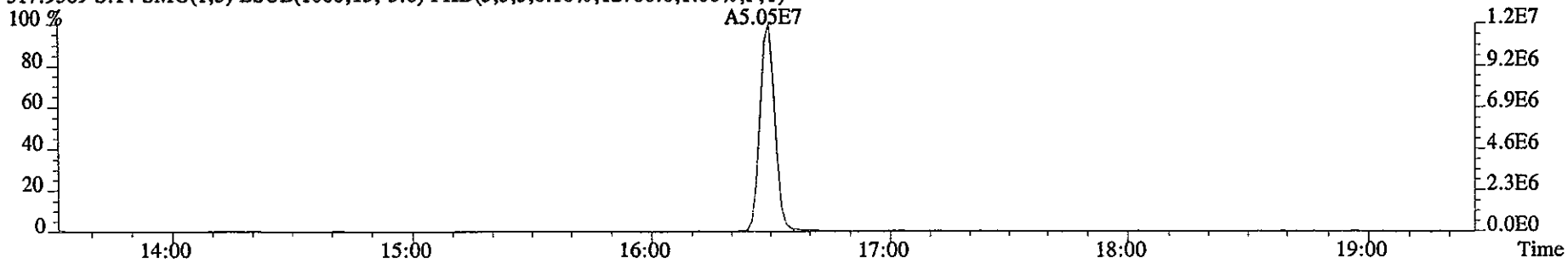
305.8987 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7176.0,1.00%,F,T)



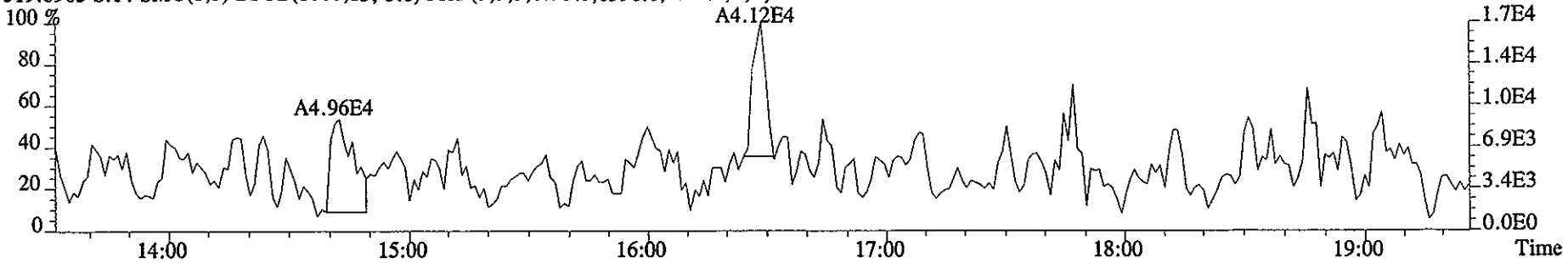
315.9419 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10396.0,1.00%,F,T)



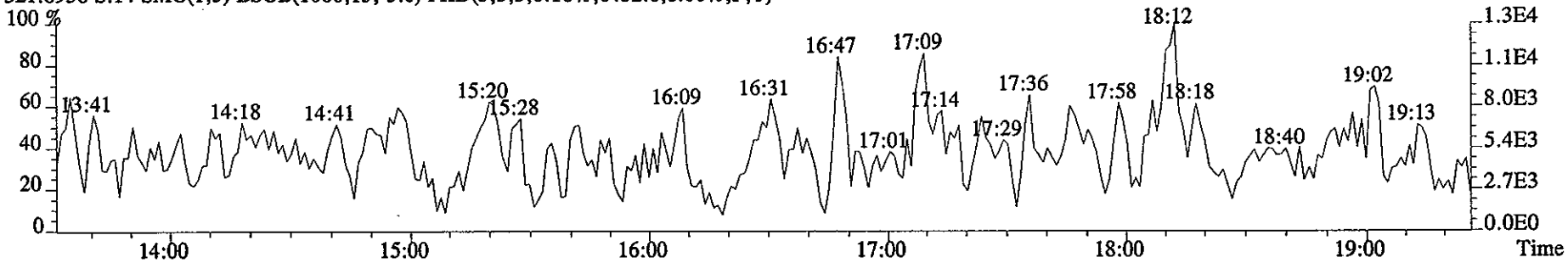
317.9389 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12700.0,1.00%,F,T)



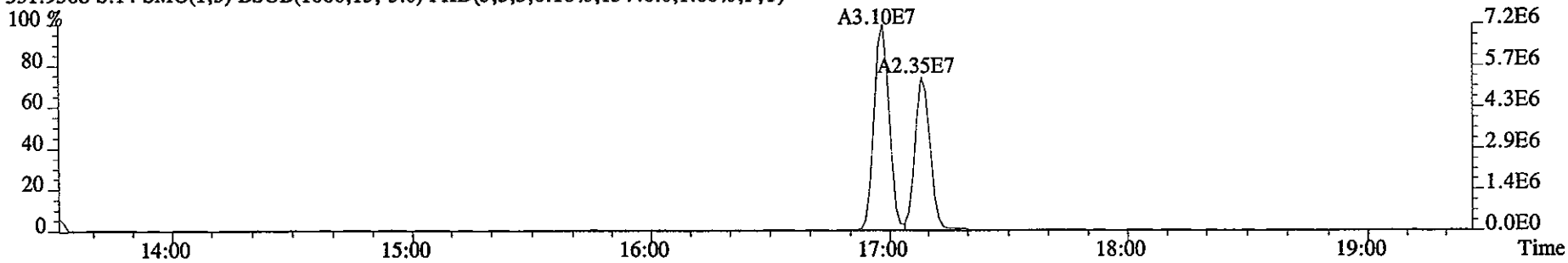
File:10JA061D5 #1-322 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN
319.8965 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6396.0,1.00%,F,T)



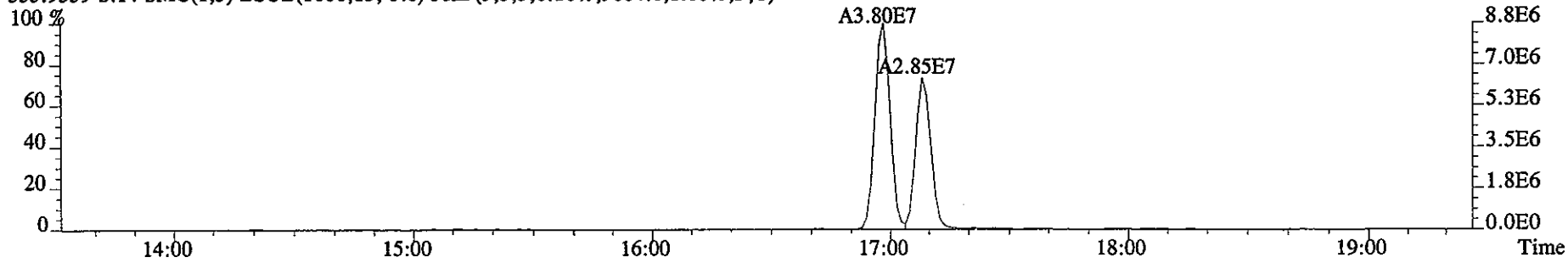
321.8936 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6452.0,1.00%,F,T)



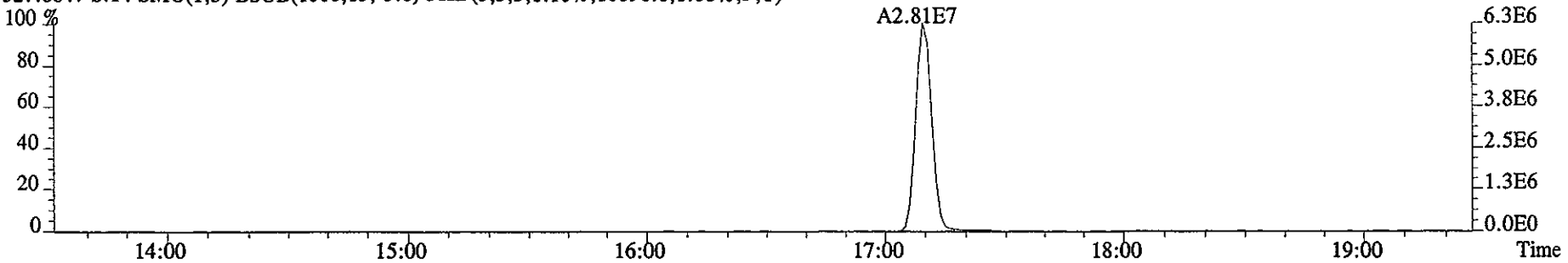
331.9368 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15440.0,1.00%,F,T)



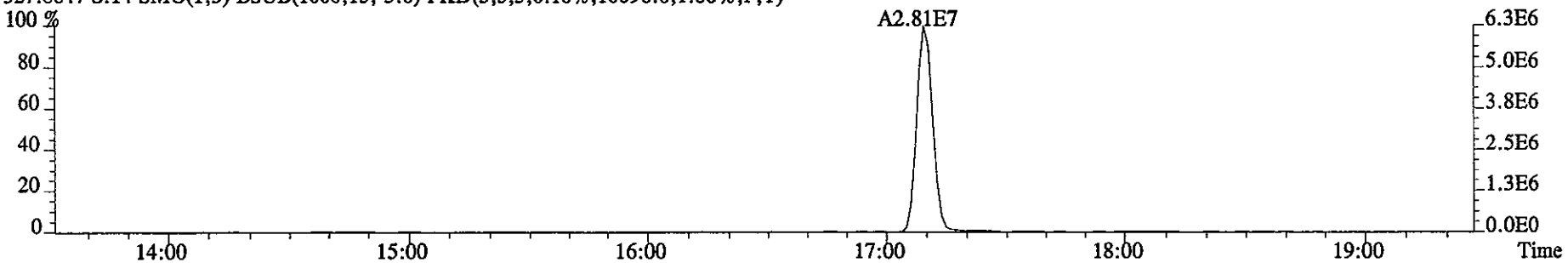
333.9339 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9084.0,1.00%,F,T)



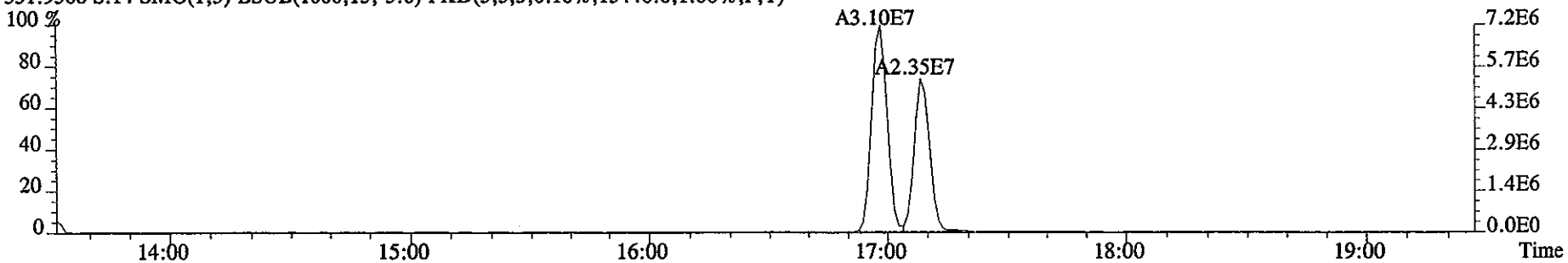
File:10JA061D5 #1-322 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN
327.8847 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10096.0,1.00%,F,T)



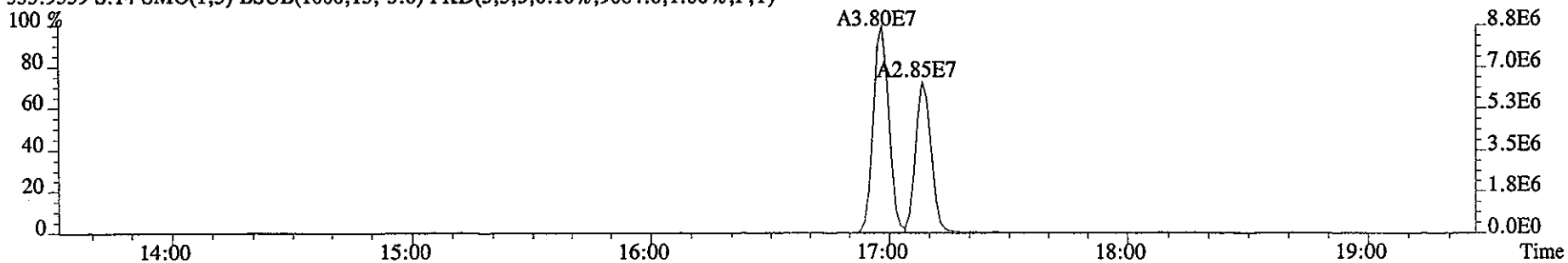
327.8847 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10096.0,1.00%,F,T)



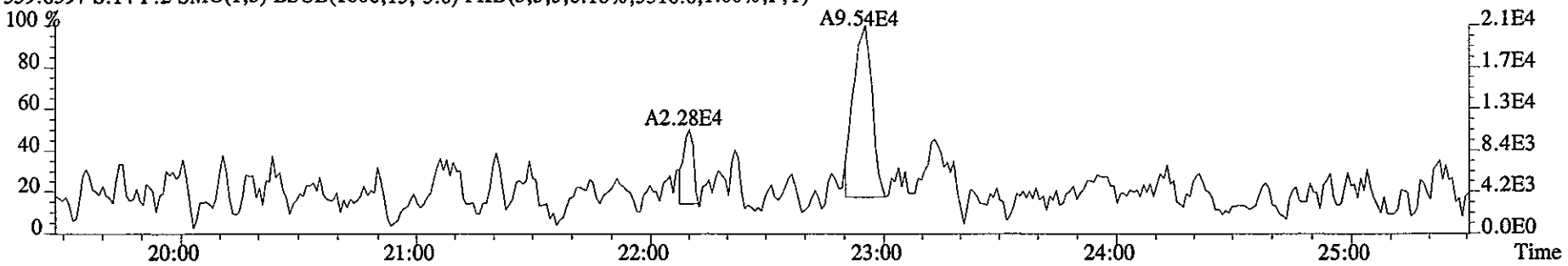
331.9368 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15440.0,1.00%,F,T)

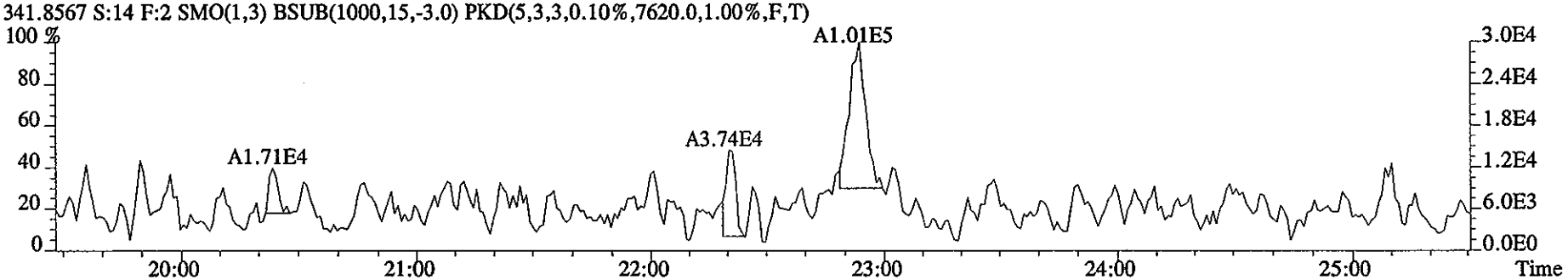


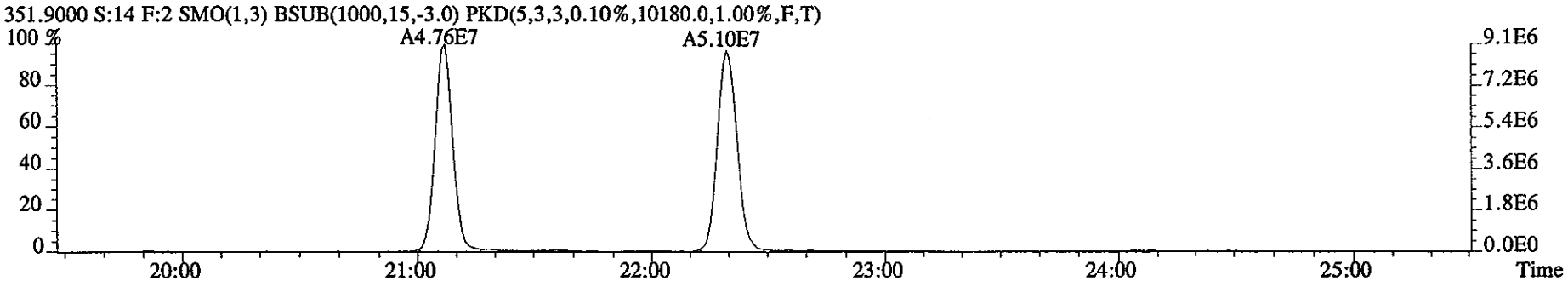
333.9339 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9084.0,1.00%,F,T)

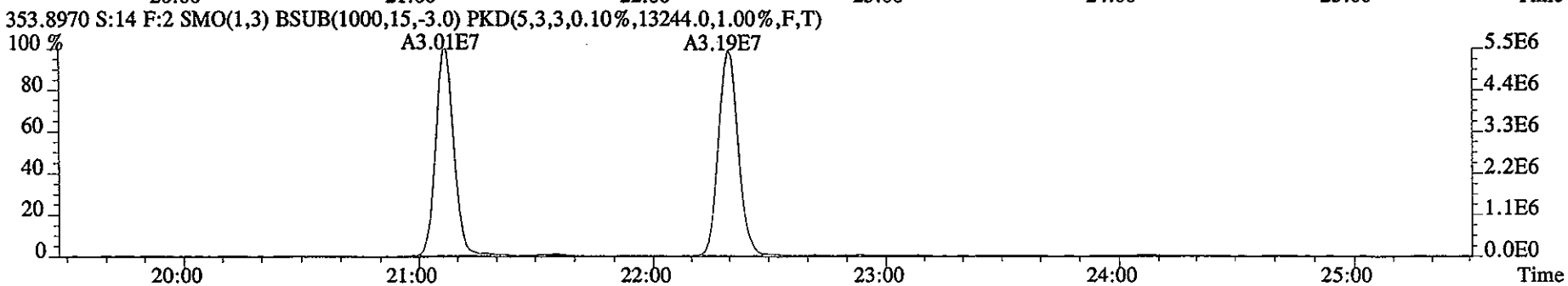


File:10JA061D5 #1-426 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN

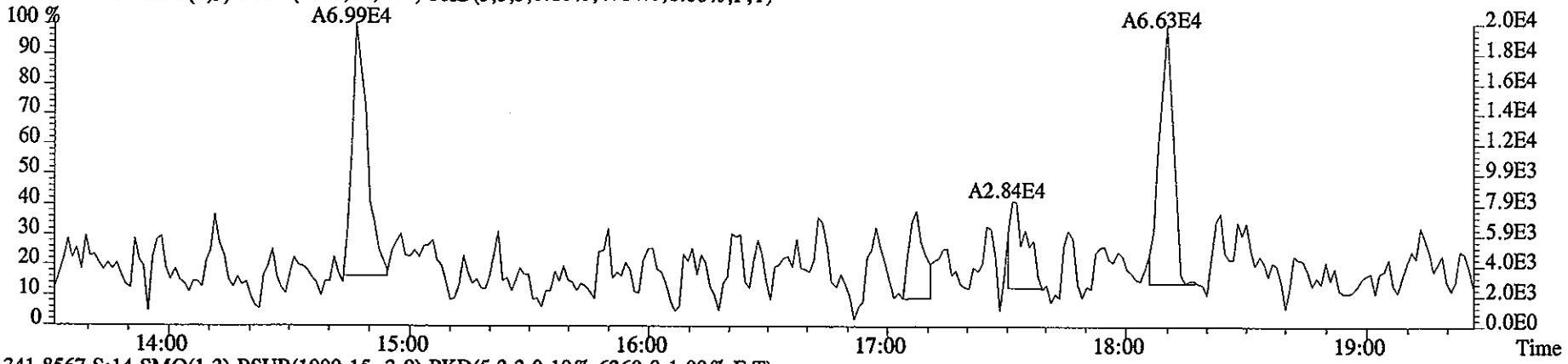




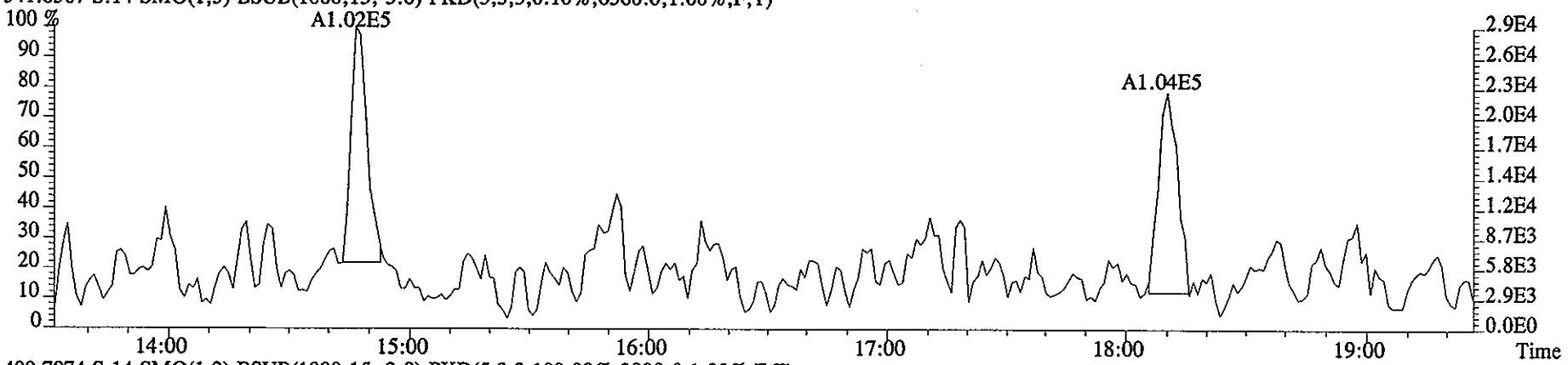




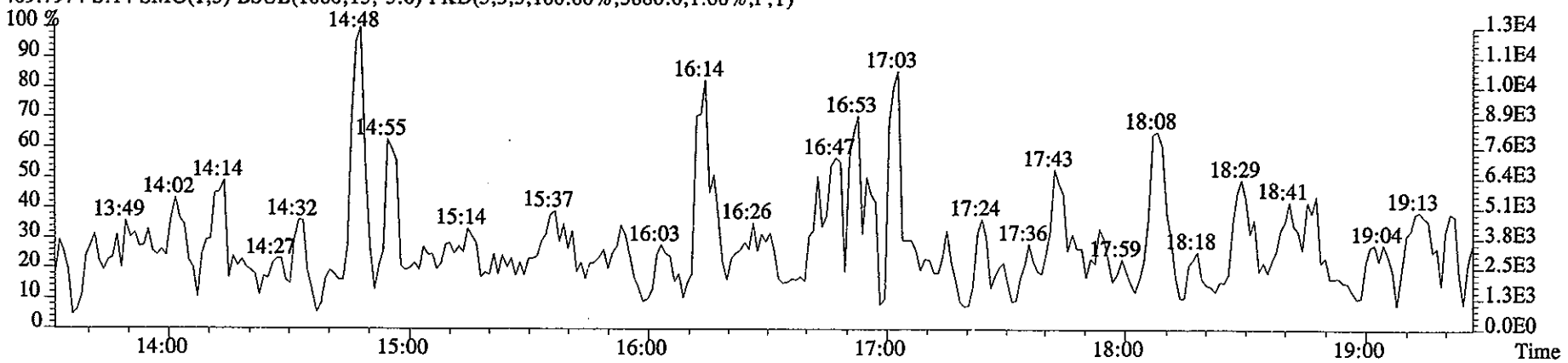
File:10JA061D5 #1-322 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN
339.8597 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4784.0,1.00%,F,T)



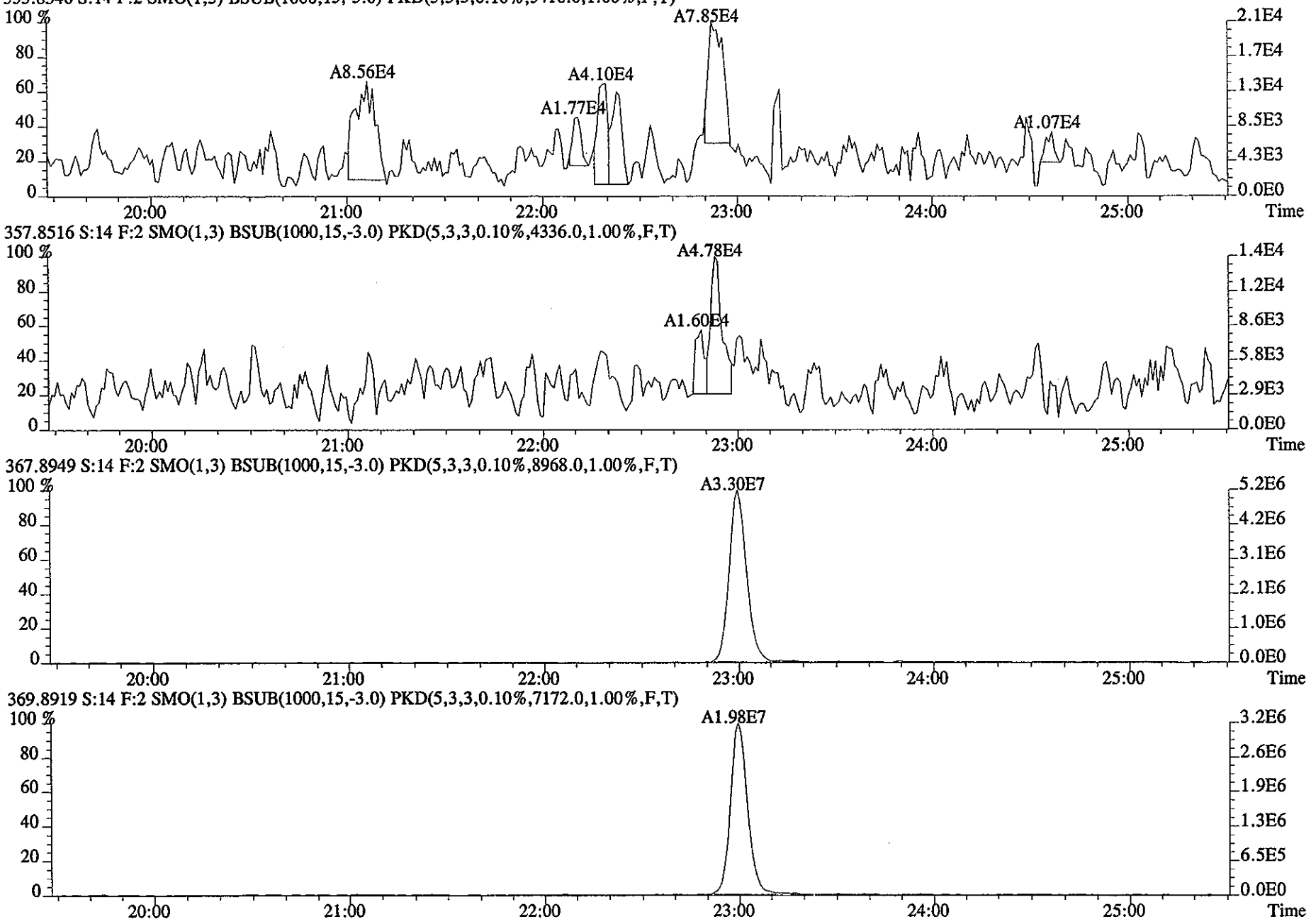
341.8567 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6360.0,1.00%,F,T)



409.7974 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3880.0,1.00%,F,T)

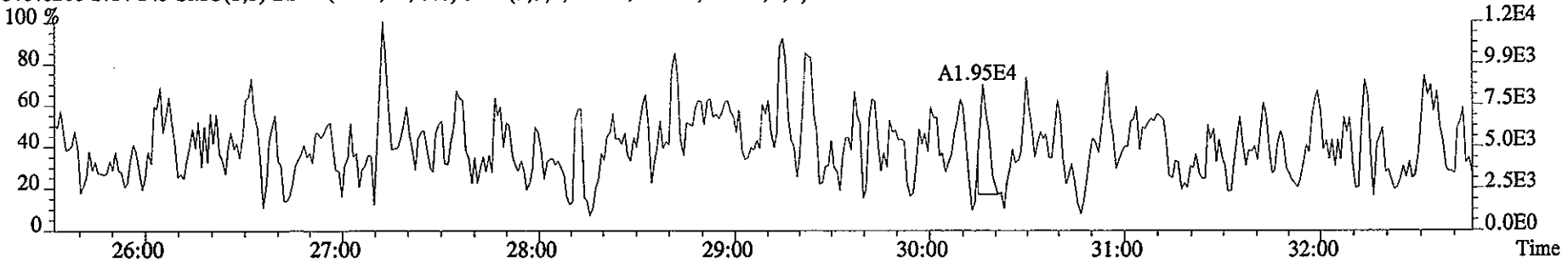


File:10JA061D5 #1-426 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN

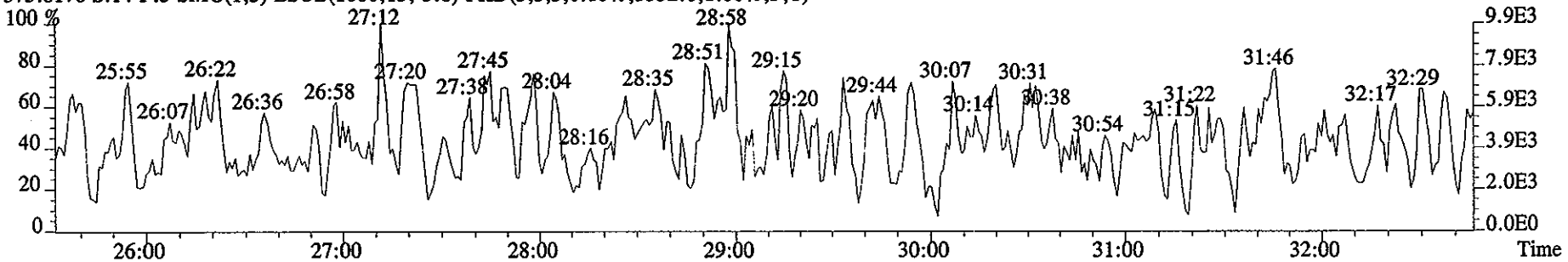


File:10JA061D5 #1-486 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN

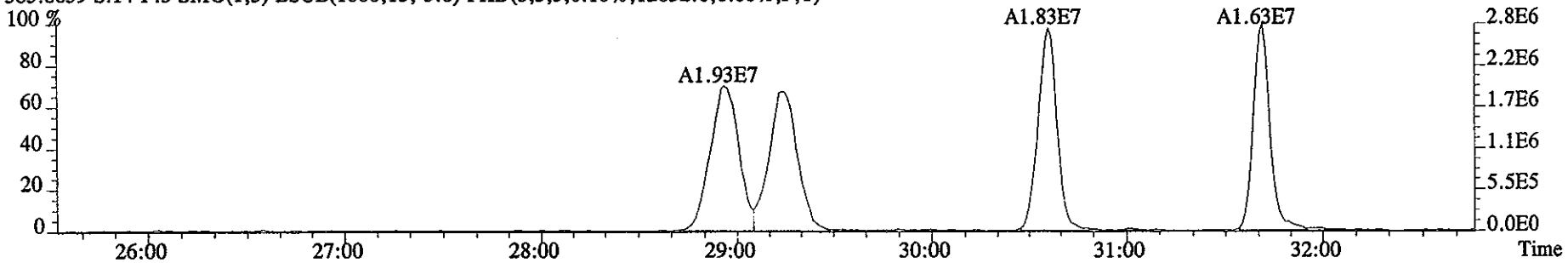
373.8208 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6436.0,1.00%,F,T)



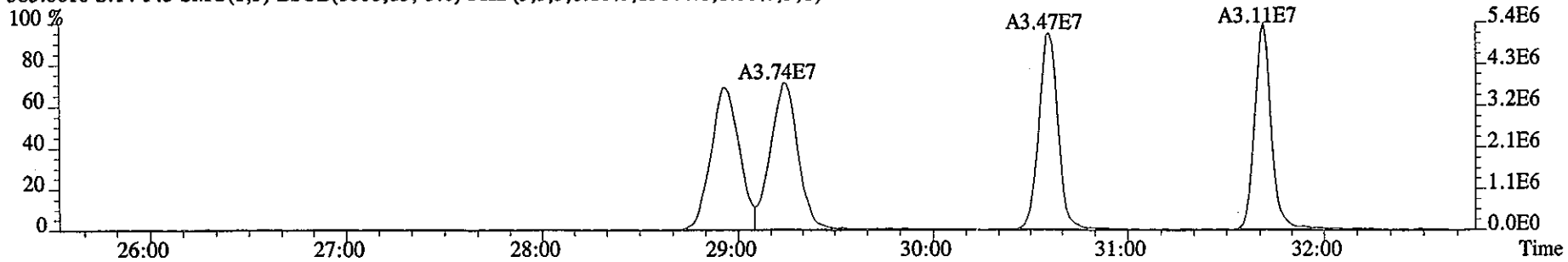
375.8178 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5532.0,1.00%,F,T)



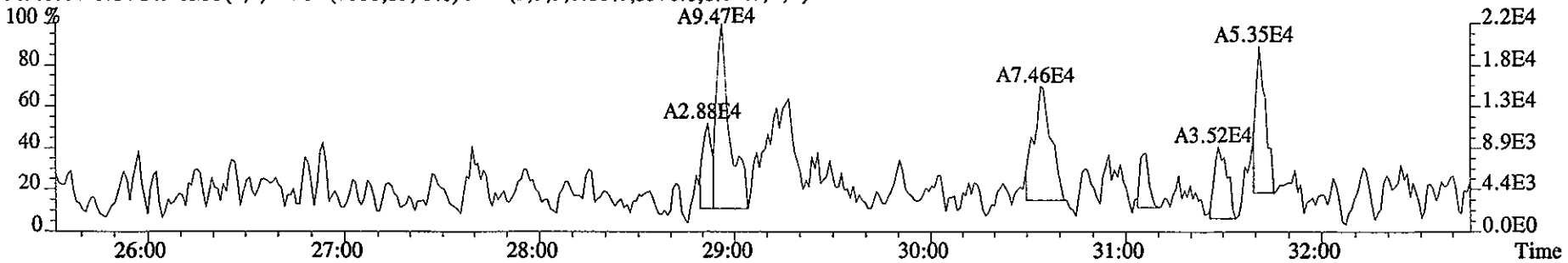
383.8639 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12652.0,1.00%,F,T)



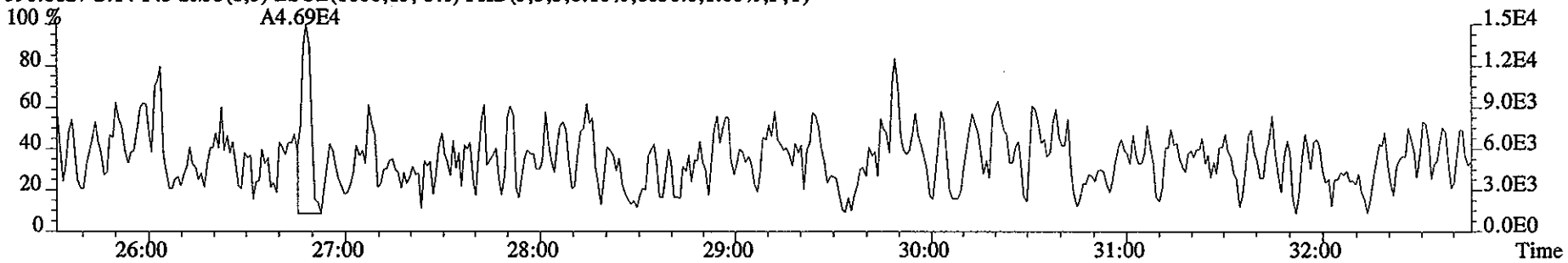
385.8610 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15644.0,1.00%,F,T)



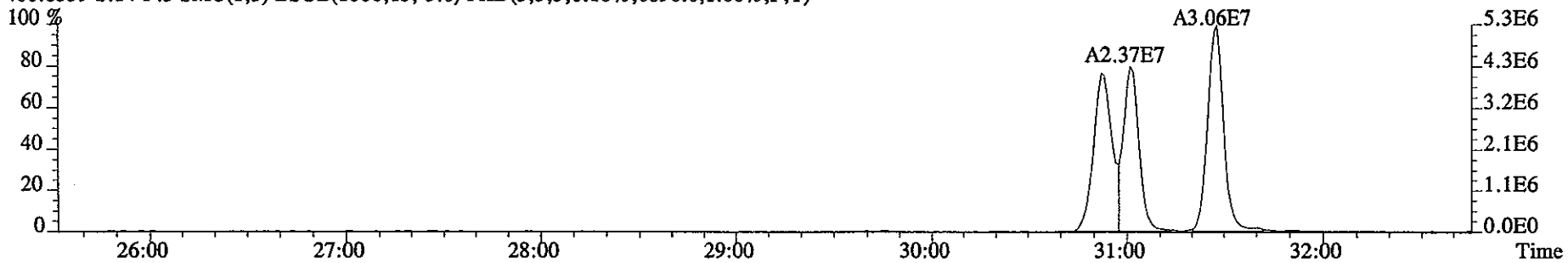
File:10JA061D5 #1-486 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN
389.8157 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5376.0,1.00%,F,T)



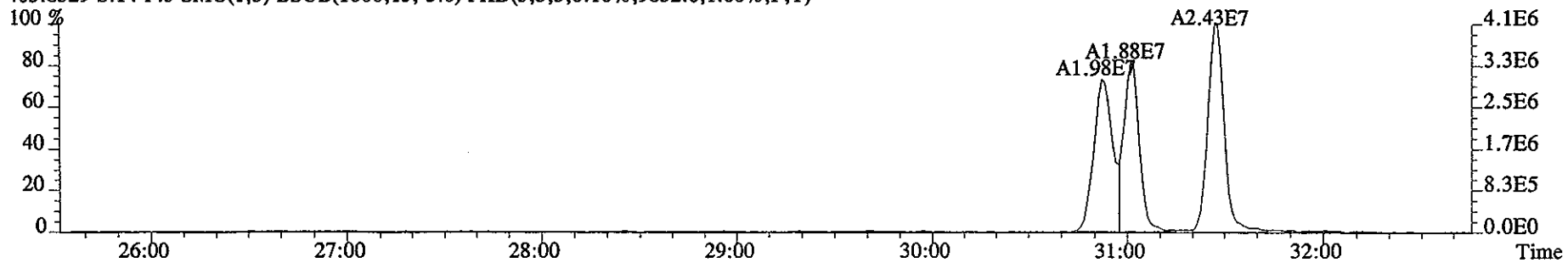
391.8127 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6836.0,1.00%,F,T)



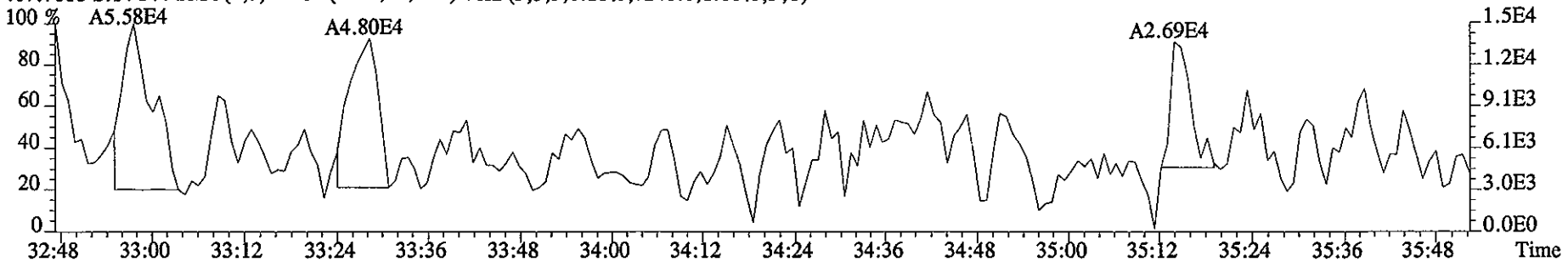
401.8559 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6896.0,1.00%,F,T)

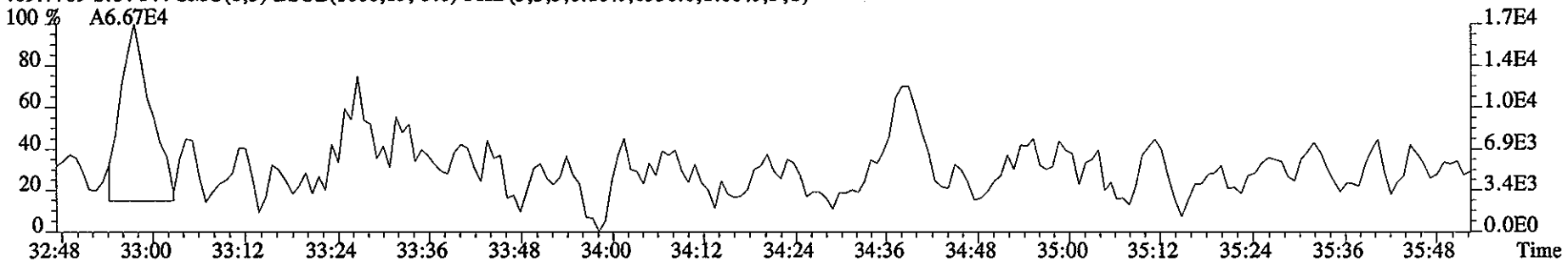


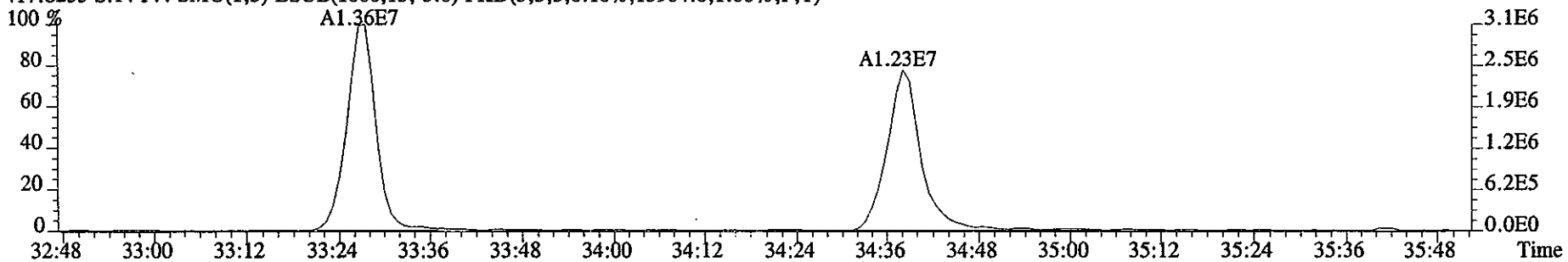
403.8529 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9852.0,1.00%,F,T)

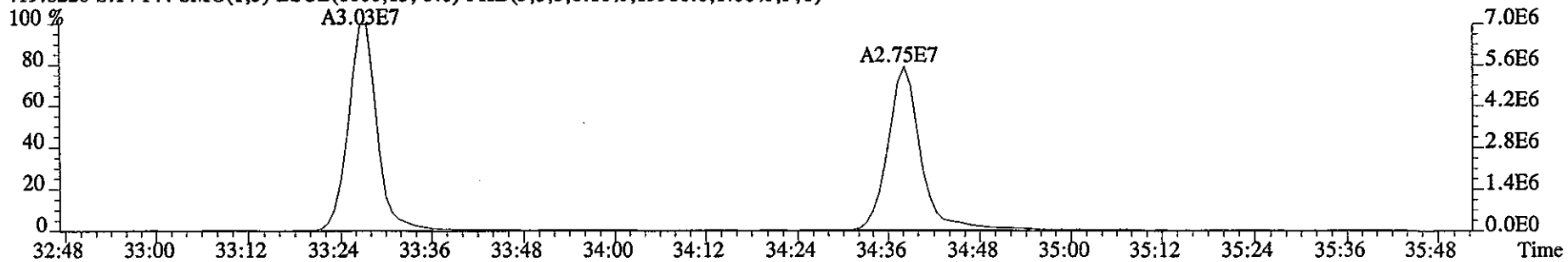


File:10JA061D5 #1-218 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN

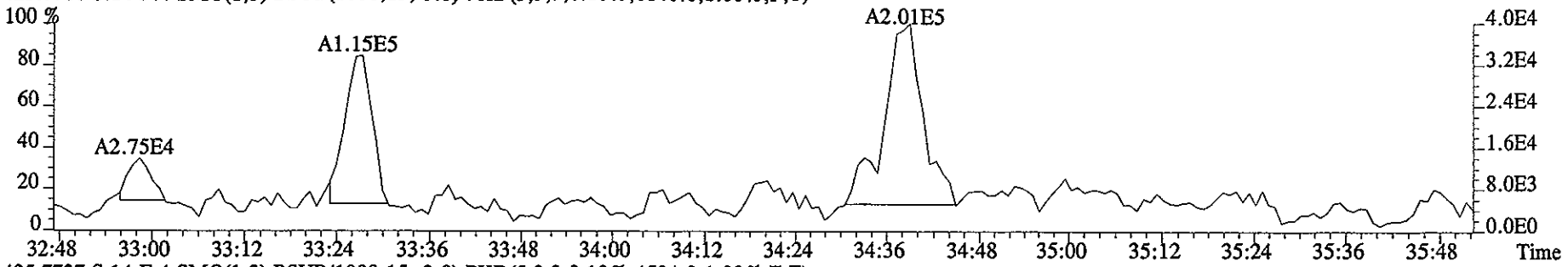




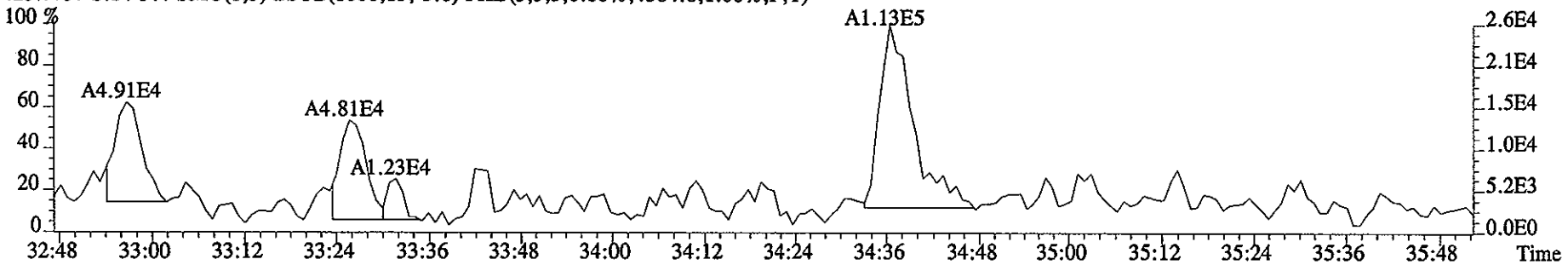




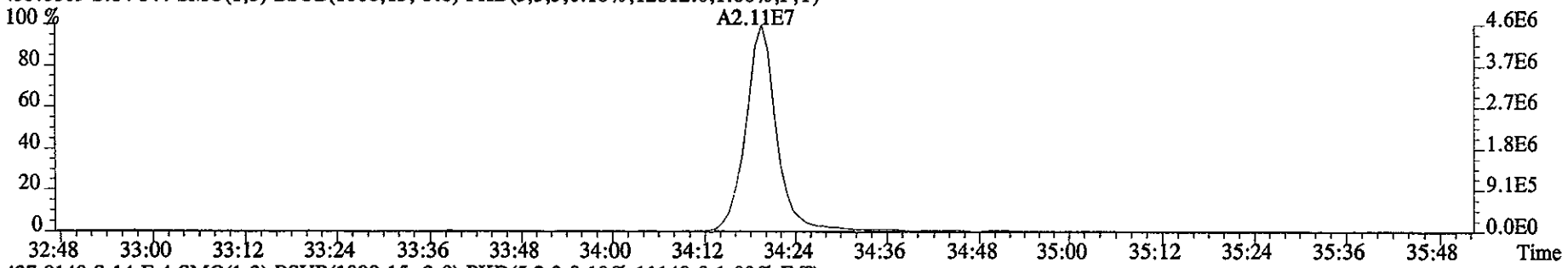
File:10JA061D5 #1-218 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN
423.7766 S:14 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6840.0,1.00%,F,T)



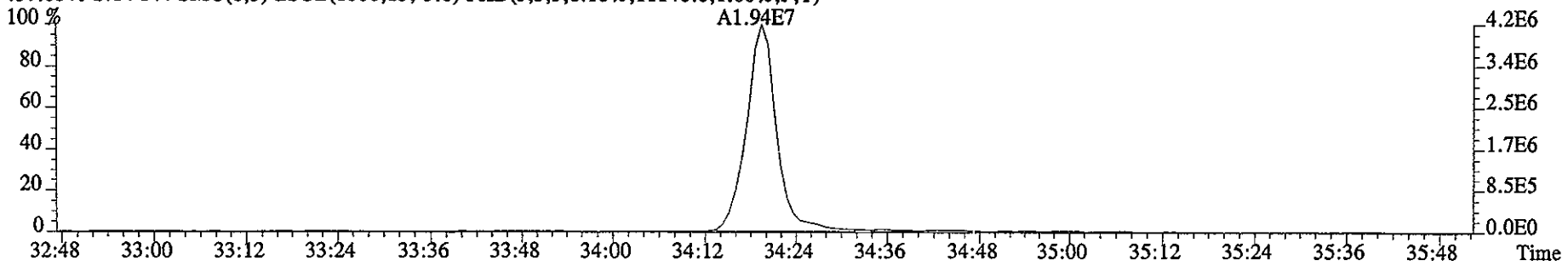
425.7737 S:14 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4504.0,1.00%,F,T)



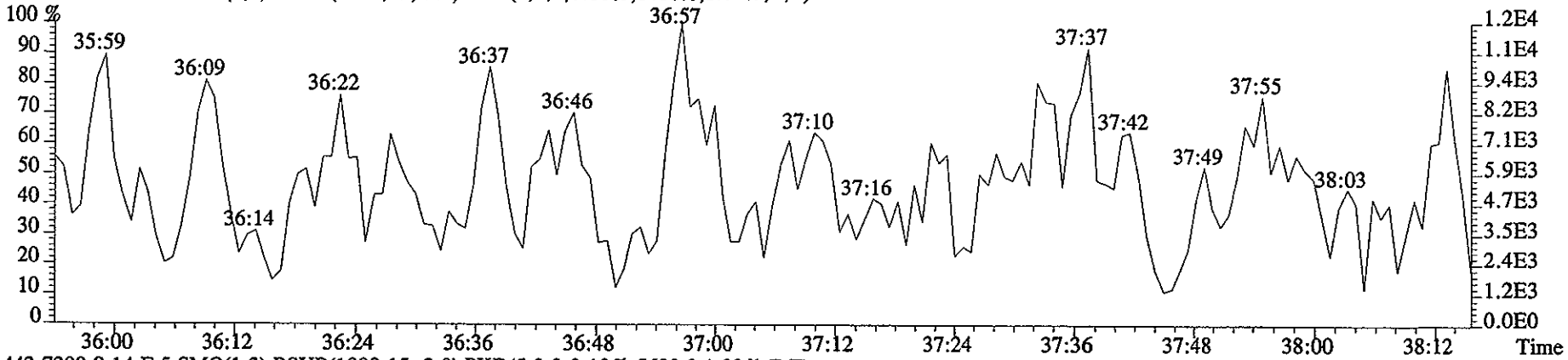
435.8169 S:14 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12812.0,1.00%,F,T)



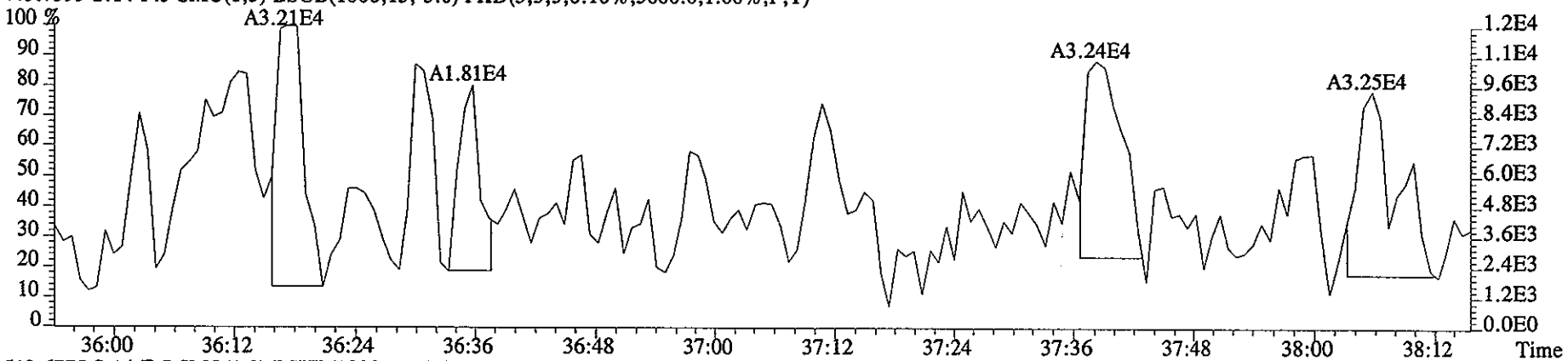
437.8140 S:14 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11140.0,1.00%,F,T)



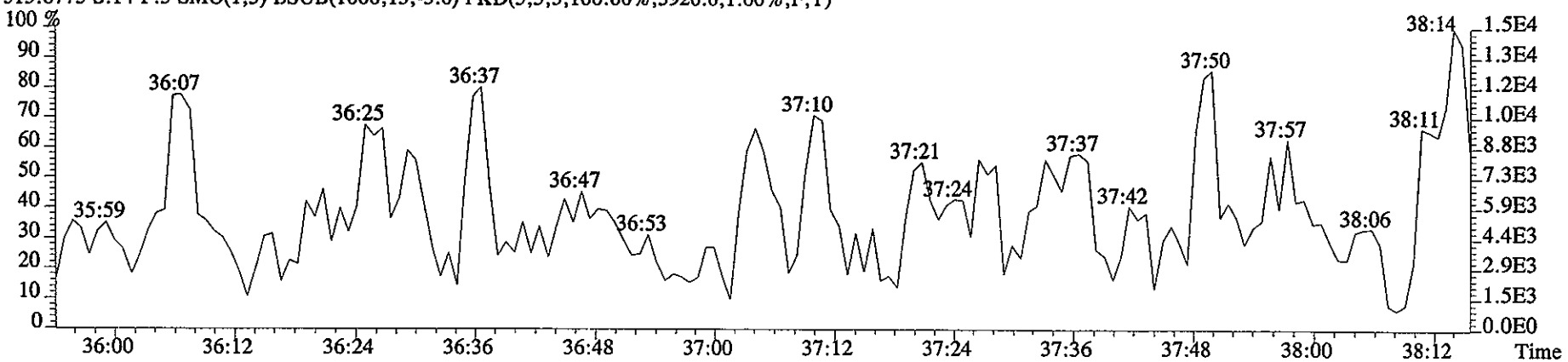
File:10JA061D5 #1-171 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN
441.7428 S:14 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6408.0,1.00%,F,T)



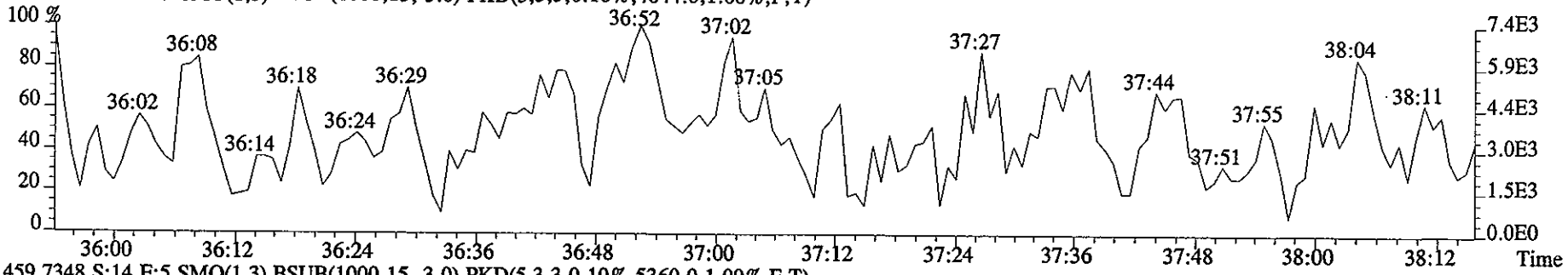
443.7399 S:14 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5600.0,1.00%,F,T)



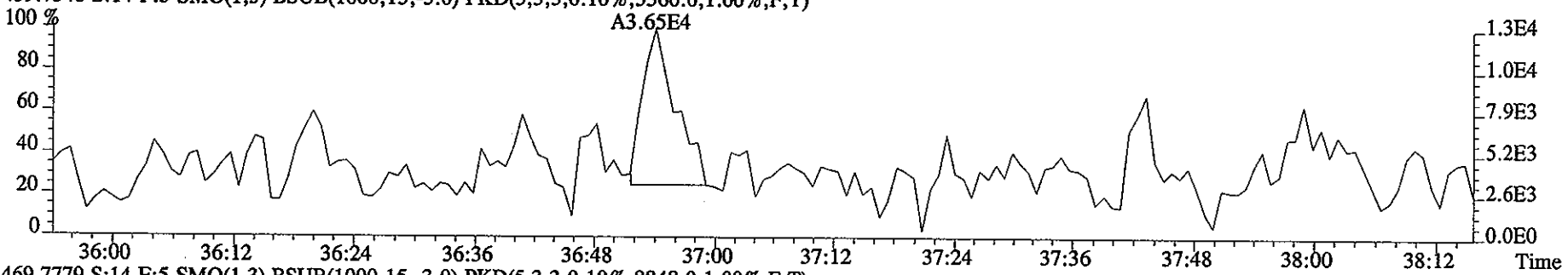
513.6775 S:14 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,5920.0,1.00%,F,T)



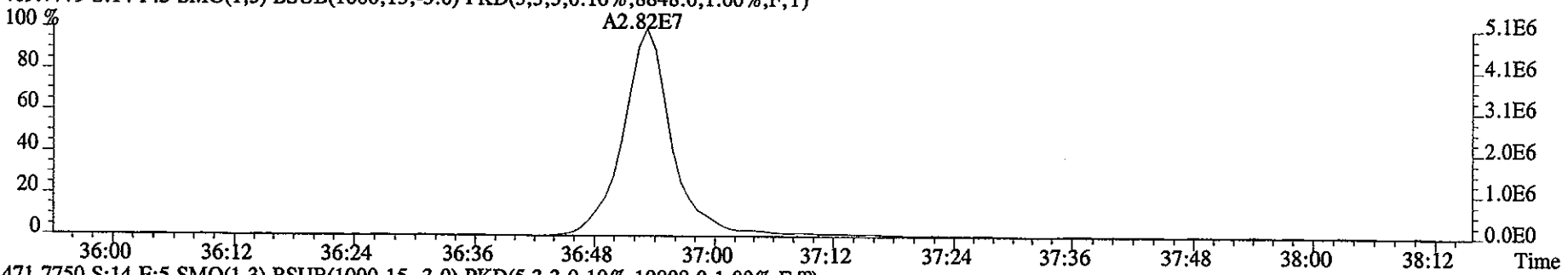
File:10JA061D5 #1-171 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN
457.7377 S:14 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4044.0,1.00%,F,T)



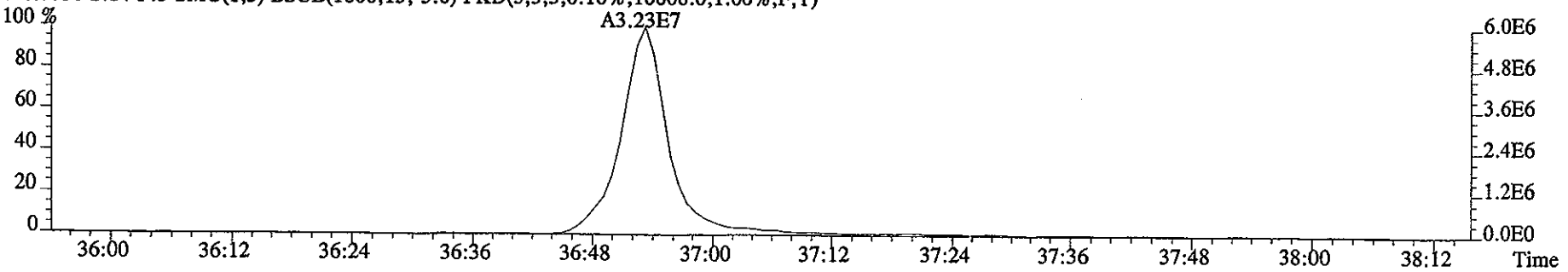
459.7348 S:14 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5360.0,1.00%,F,T)



469.7779 S:14 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8848.0,1.00%,F,T)

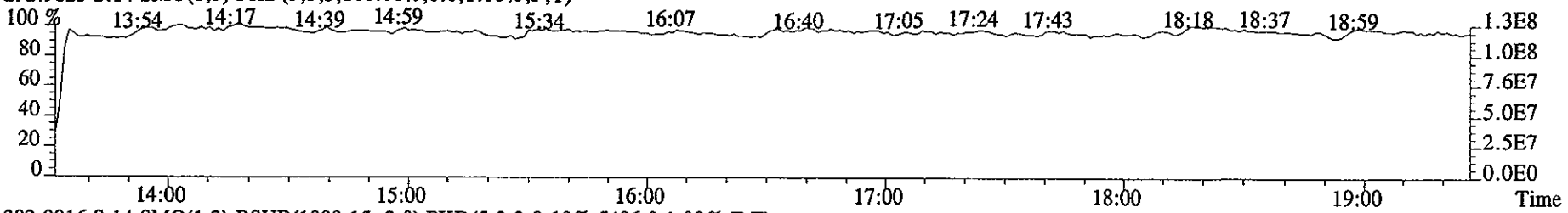


471.7750 S:14 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10008.0,1.00%,F,T)

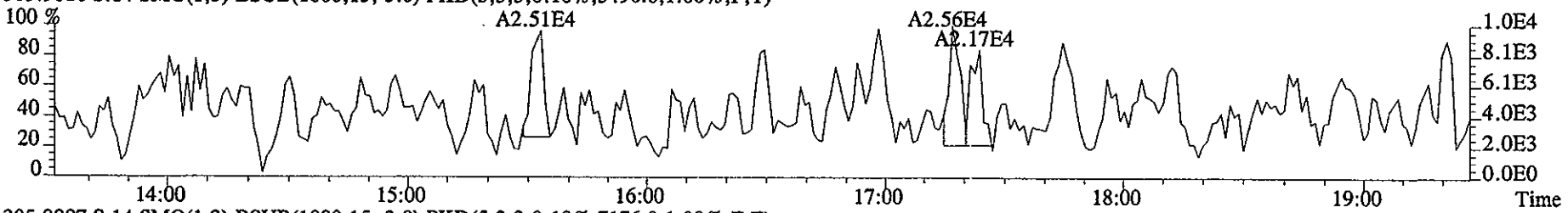


File:10JA061D5 #1-322 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN

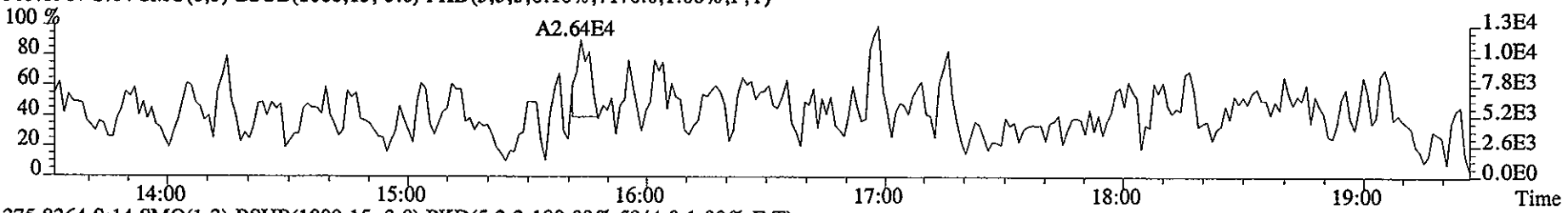
292.9825 S:14 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



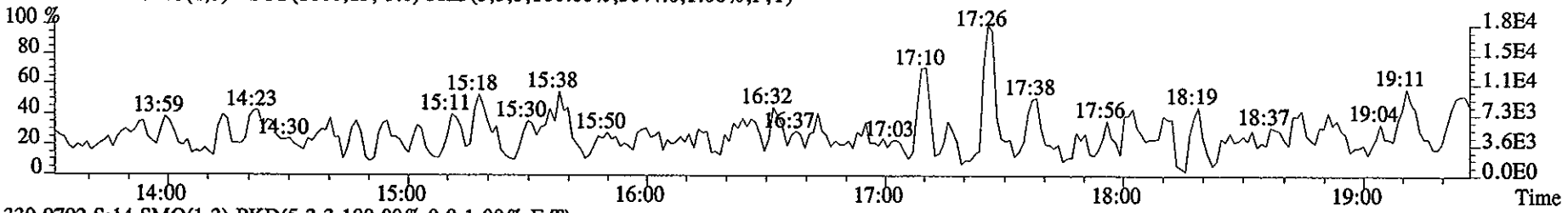
303.9016 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5496.0,1.00%,F,T)



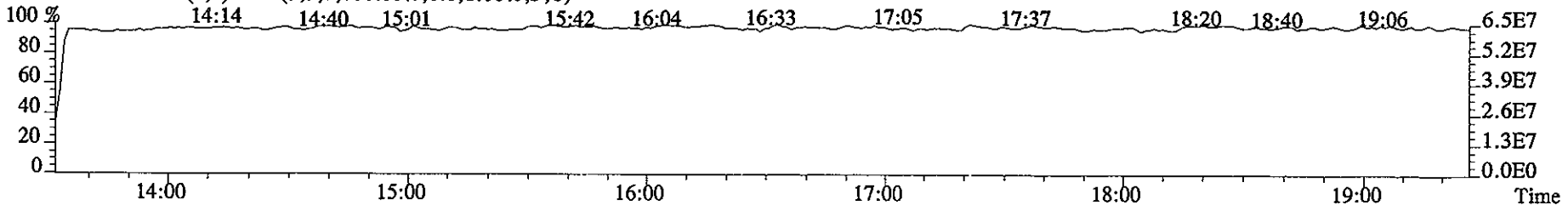
305.8987 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7176.0,1.00%,F,T)

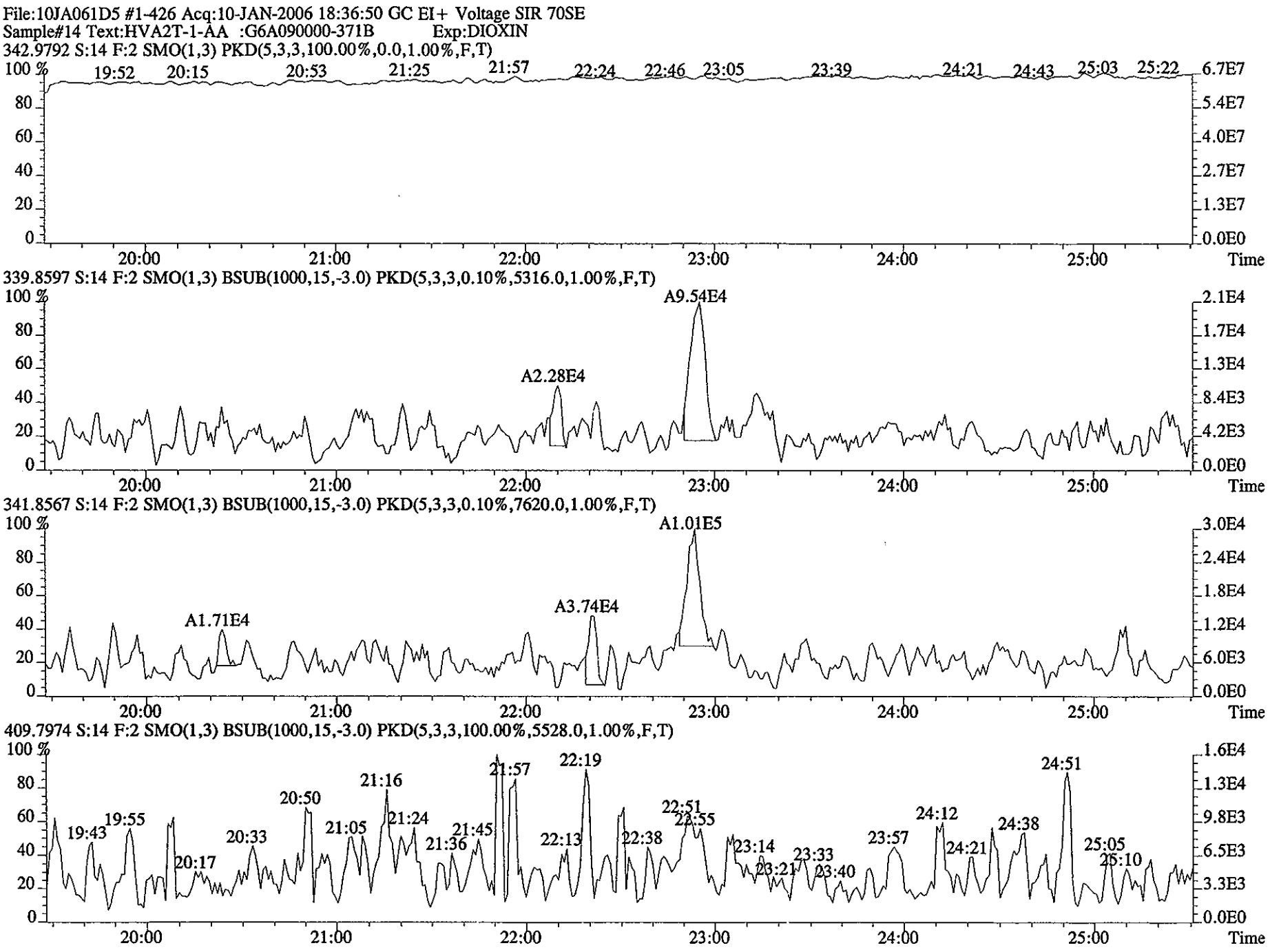


375.8364 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5844.0,1.00%,F,T)



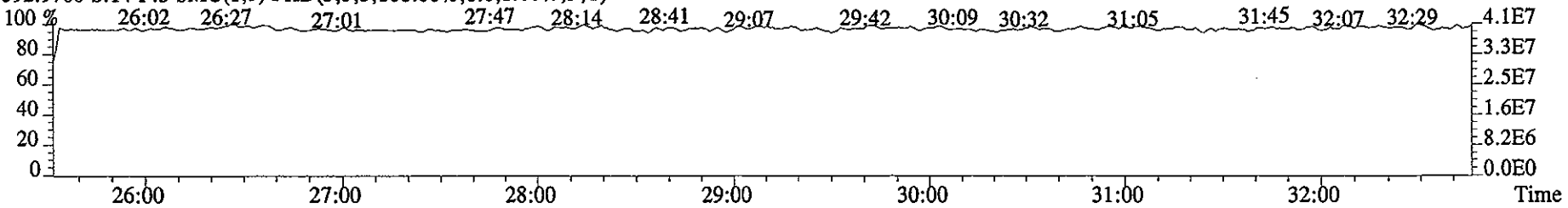
330.9792 S:14 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



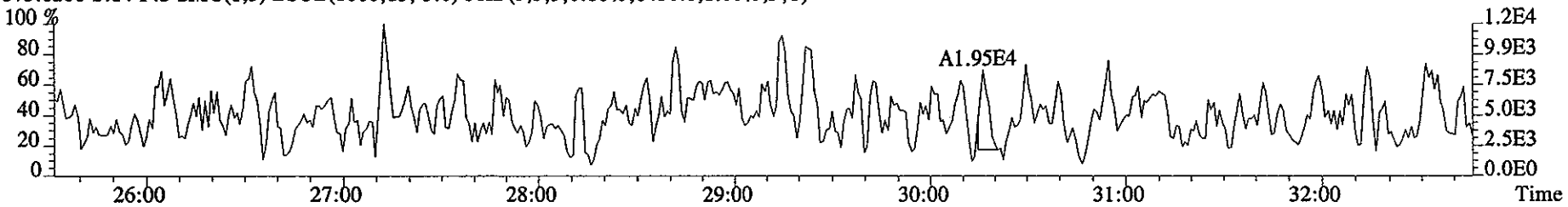


File:10JA061D5 #1-486 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN

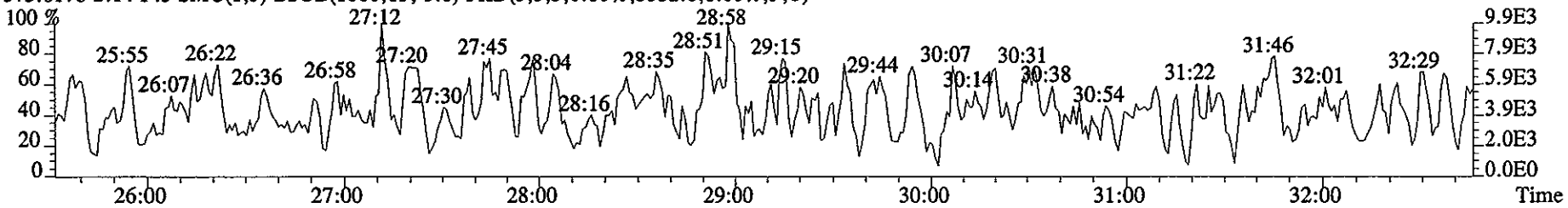
392.9760 S:14 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



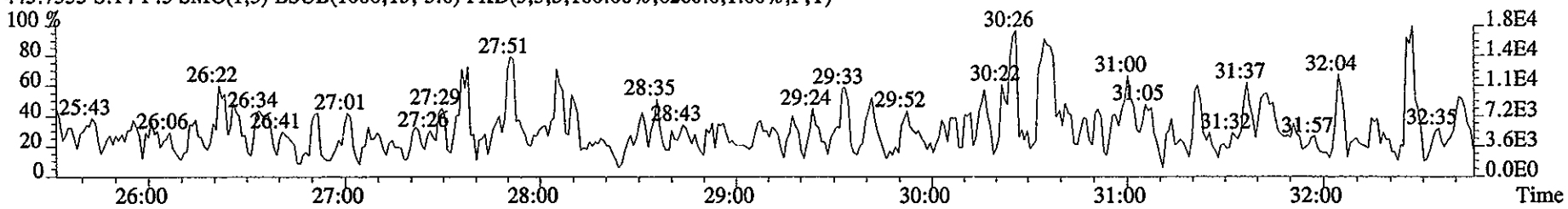
373.8208 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6436.0,1.00%,F,T)



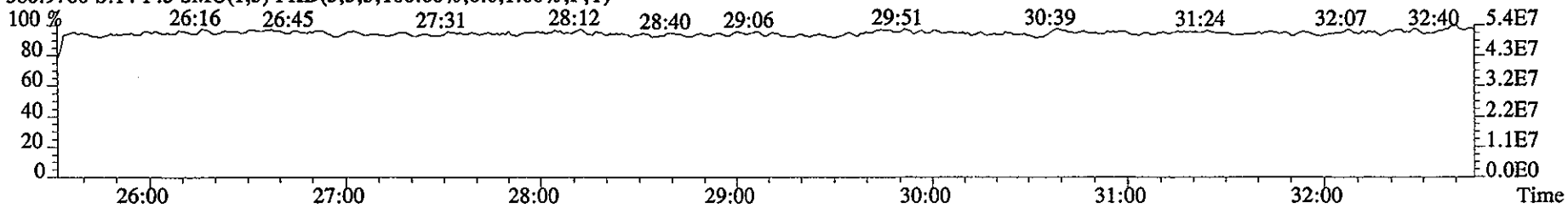
375.8178 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5532.0,1.00%,F,T)



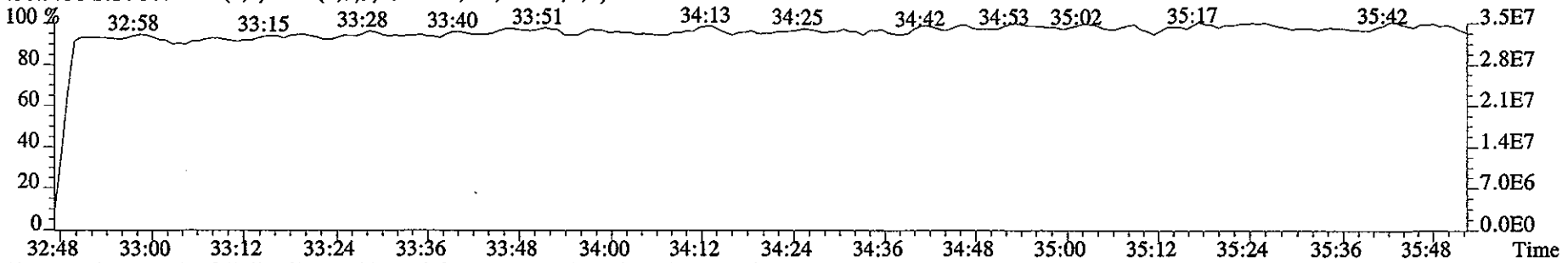
445.7555 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6260.0,1.00%,F,T)



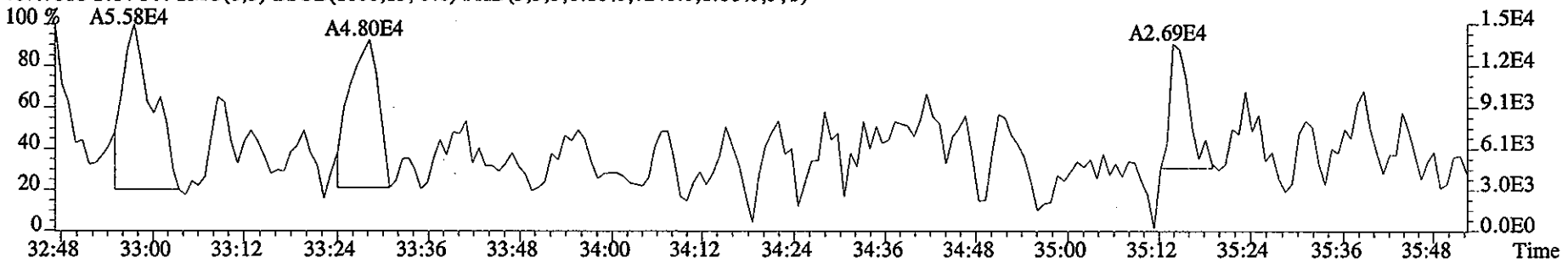
380.9760 S:14 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



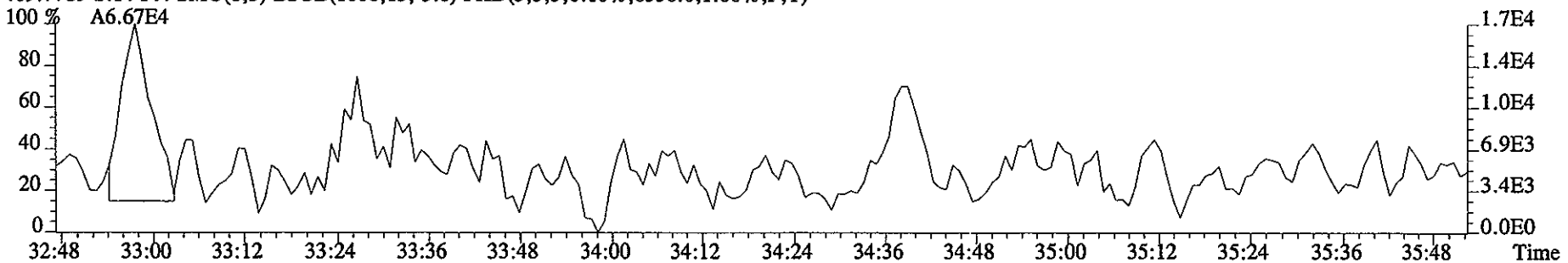
File:10JA061D5 #1-218 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN
430.9728 S:14 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



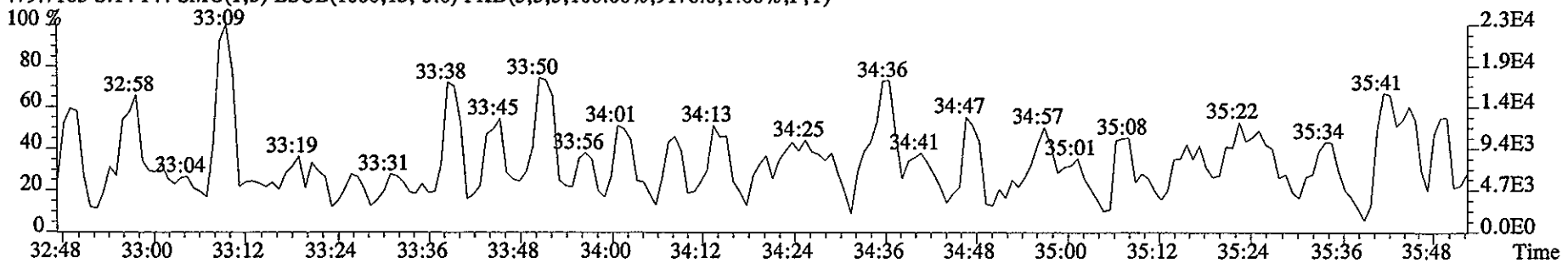
407.7818 S:14 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7248.0,1.00%,F,T)



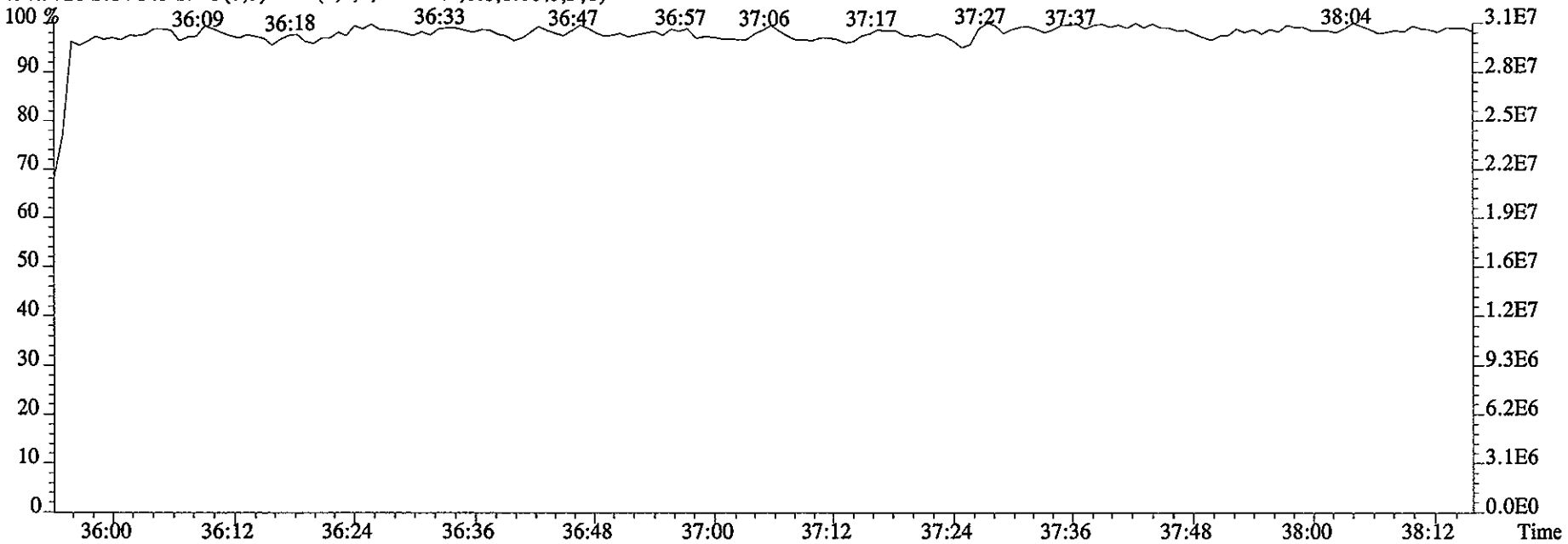
409.7789 S:14 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6536.0,1.00%,F,T)



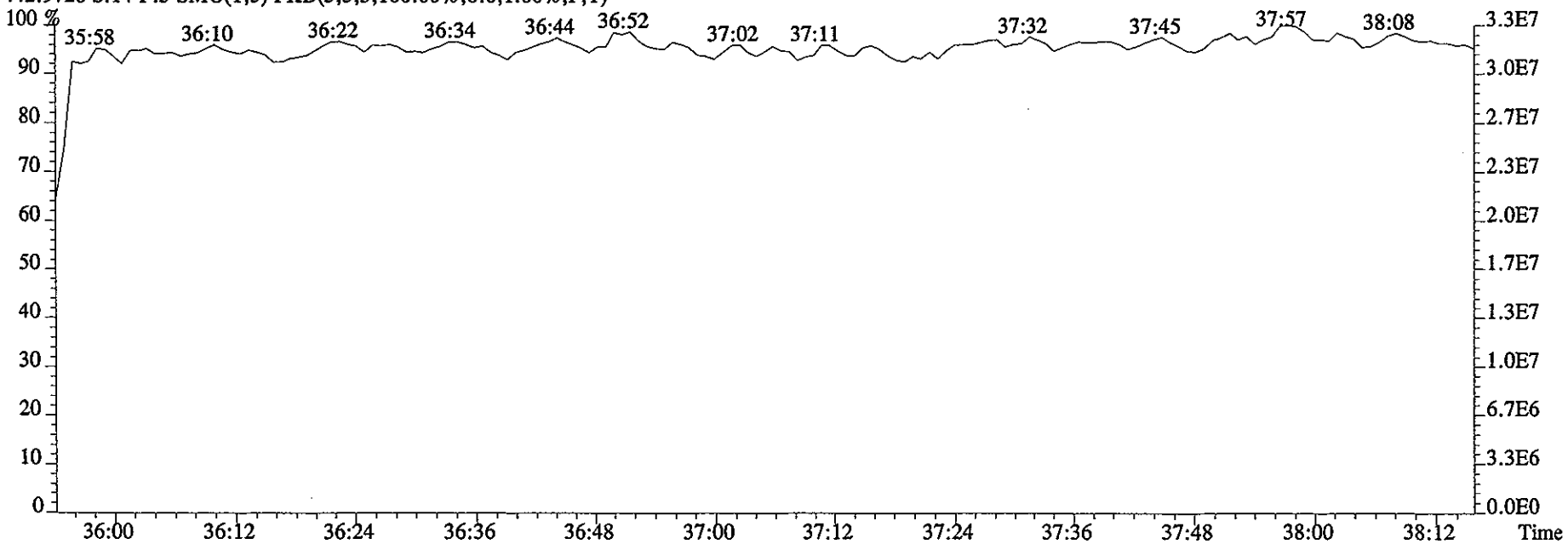
479.7165 S:14 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,9176.0,1.00%,F,T)



File:10JA061D5 #1-171 Acq:10-JAN-2006 18:36:50 GC EI+ Voltage SIR 70SE
Sample#14 Text:HVA2T-1-AA :G6A090000-371B Exp:DIOXIN
454.9728 S:14 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



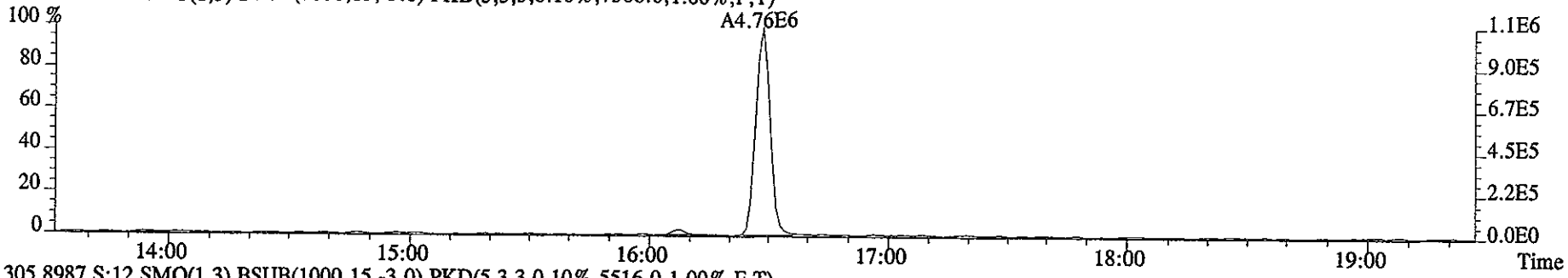
442.9728 S:14 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



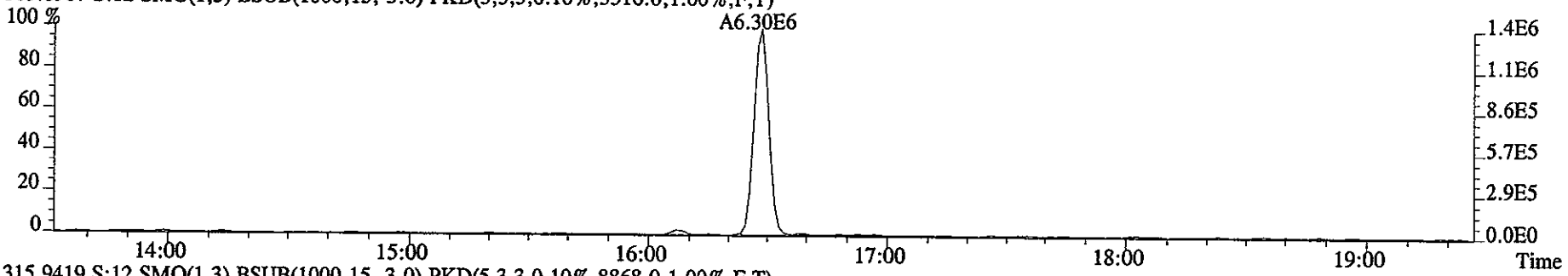
Run text: HVA2T-1-AC Sample text: HVA2T-1-AC :G6A090000-371C
Run #15 Filename: 10JA061D5 S: 12 I: 1 Results: 10JA061D58290
Acquired: 10-JAN-06 17:13:31 Processed: 11-JAN-06 08:09:26
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 1.000000L

Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	76473700	0.81	y	16:56	-	73.09		-	-	n
13C-2,3,7,8-TCDF	101533800	0.80	y	16:28	1.68	1577.96		4.00	78.9	n
2,3,7,8-TCDF	11060860	0.75	y	16:29	1.16	187.37	✓	2.75	-	n
Total TCDF	11399218	0.80	y	13:54	1.16	193.10		2.75	-	n
13C-2,3,7,8-TCDD	57541000	0.81	y	17:07	0.90	1679.29		9.87	84.0	n
2,3,7,8-TCDD	8088410	0.81	y	17:08	1.32	212.60	✓	4.16	-	n
Total TCDD	8158744	2.45	n	16:28	1.32	214.45		4.16	-	n
37Cl-2,3,7,8-TCDD	58343600	1.00	y	17:08	2.44	624.22		3.18	78.0	n
13C-1,2,3,7,8-PeCDF	86163400	1.56	y	21:06	1.54	1458.59		3.94	72.9	n
1,2,3,7,8-PeCDF	44567000	1.53	y	21:07	1.00	1030.00	✓	6.01	-	n
2,3,4,7,8-PeCDF	44008100	1.56	y	22:21	1.05	974.05	✓	5.76	-	n
Total F2 PeCDF	90054253	1.53	y	21:07	1.03	2037.50		5.88	-	n
Total F1 PeCDF	257511	0.91	n	14:46	1.03	5.82		3.89	-	n
13C-1,2,3,7,8-PeCDD	56737900	1.63	y	23:00	0.91	1623.57		6.10	81.2	n
1,2,3,7,8-PeCDD	31606800	1.62	y	23:01	1.04	1067.78	✓	7.93	-	n
Total PeCDD	31731379	1.26	n	21:05	1.04	1071.99		7.93	-	n
13C-1,2,3,7,8,9-HxCDD	60904900	1.27	y	31:28	-	63.27		-	-	n
13C-1,2,3,4,7,8-HxCDF	61313300	0.54	y	28:56	1.38	1455.74		8.31	72.8	n
1,2,3,4,7,8-HxCDF	38232500	1.24	y	28:58	1.11	1122.97	✓	13.28	-	n
1,2,3,6,7,8-HxCDF	38846300	1.23	y	29:17	1.14	1111.50	✓	12.93	-	n
2,3,4,6,7,8-HxCDF	35236600	1.23	y	30:37	1.06	1080.21	✓	13.86	-	n
1,2,3,7,8,9-HxCDF	34238200	1.26	y	31:42	~~1.02~~ 0.82	~~1096.66~~	✓ 1364.14	14.48	-	n
Total HxCDF	146553600	1.24	y	28:58	1.08	4411.33		13.61	-	n
13C-1,2,3,6,7,8-HxCDD	51777800	1.29	y	31:01	0.96	1775.47		9.06	88.8	n
1,2,3,4,7,8-HxCDD	25599800	1.21	y	30:54	0.95	1036.73	✓	9.93	-	n
1,2,3,6,7,8-HxCDD	26532500	1.28	y	31:03	1.00	1023.36	✓	9.46	-	n
1,2,3,7,8,9-HxCDD	28161600	1.23	y	31:29	1.04	1042.07	✓	9.07	-	n
Total HxCDD	80293900	1.21	y	30:54	1.00	3102.16		9.47	-	n
13C-1,2,3,4,6,7,8-HpCDF	50883000	0.46	y	33:27	1.13	1479.33		15.35	74.0	n
1,2,3,4,6,7,8-HpCDF	36063400	1.03	y	33:28	1.31	1081.50	✓	5.69	-	n
1,2,3,4,7,8,9-HpCDF	33316500	1.02	y	34:39	1.19	1099.95	✓	6.27	-	n
Total HpCDF	69431239	1.03	y	33:28	1.25	2183.07		5.97	-	n
13C-1,2,3,4,6,7,8-HpCDD	48705700	1.05	y	34:20	1.00	1602.52		11.13	80.1	n
1,2,3,4,6,7,8-HpCDD	24719700	1.00	y	34:20	0.95	1070.24	✓	8.92	-	n
Total HpCDD	25335644	3.60	n	33:27	0.95	1096.91		8.92	-	n
13C-OCDD	72729100	0.91	y	36:53	~~0.81~~ 0.64	~~2950.83~~ 3734.64	✓	14.76	~~73.8~~ 93.4	n
OCDF	46861600	0.91	y	36:59	1.32	1954.48	✓	7.81	-	n
OCDD	39122300	0.88	y	36:53	1.00	2141.22	✓	12.59	-	n

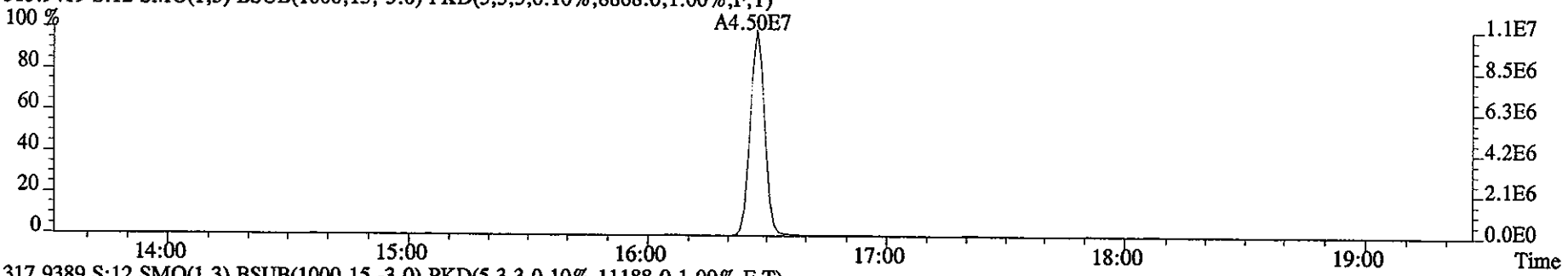
File:10JA061D5 #1-322 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN
303.9016 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7308.0,1.00%,F,T)



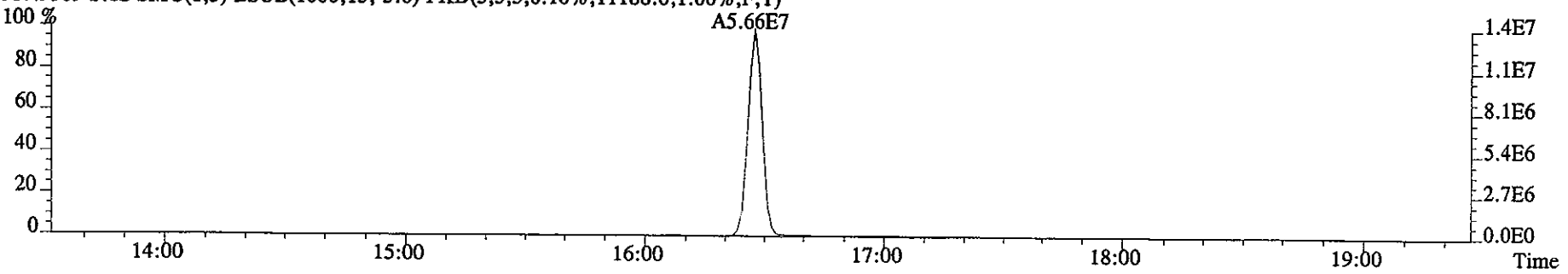
305.8987 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5516.0,1.00%,F,T)



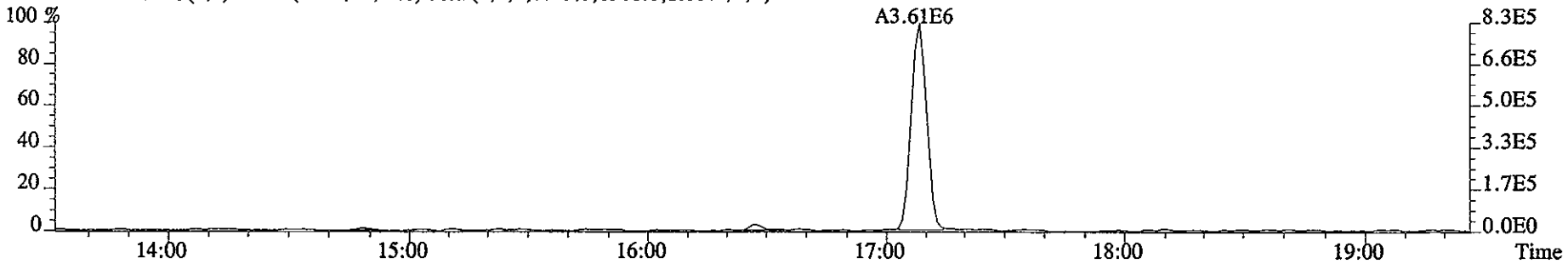
315.9419 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8868.0,1.00%,F,T)



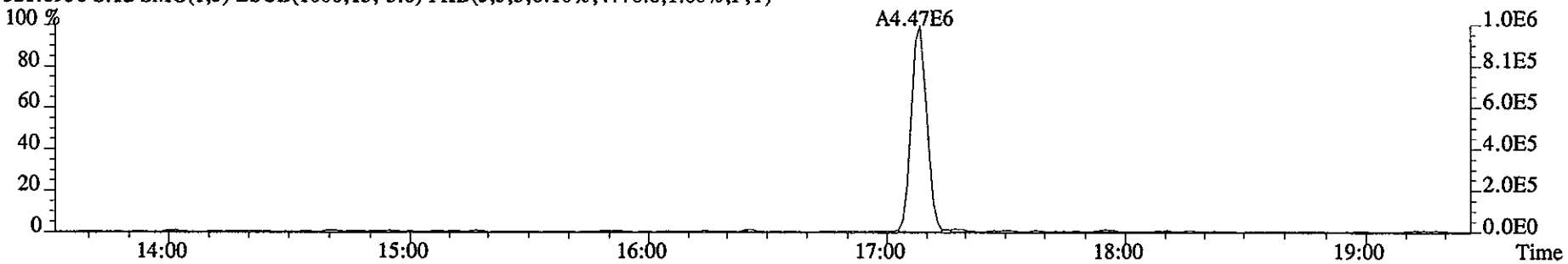
317.9389 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11188.0,1.00%,F,T)



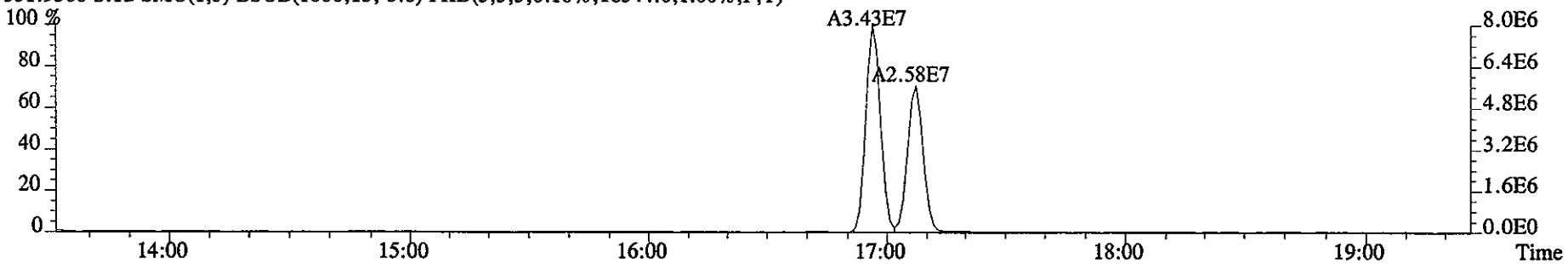
File:10JA061D5 #1-322 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN
319.8965 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6968.0,1.00%,F,T)



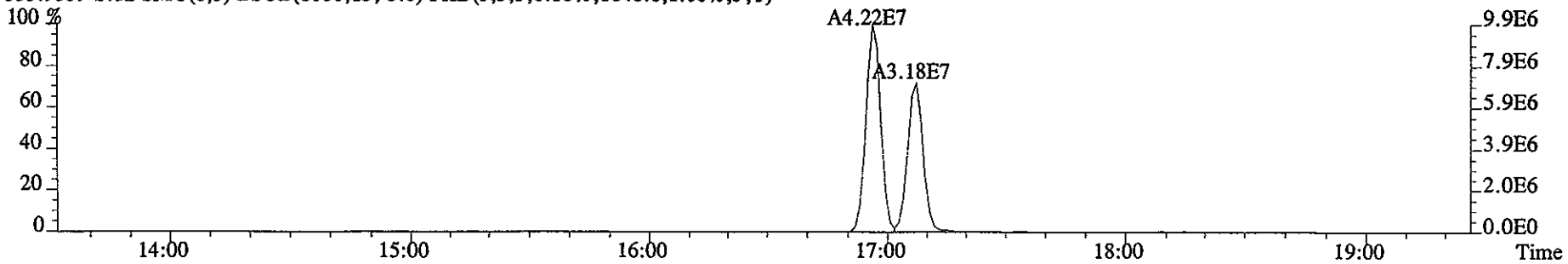
321.8936 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4776.0,1.00%,F,T)



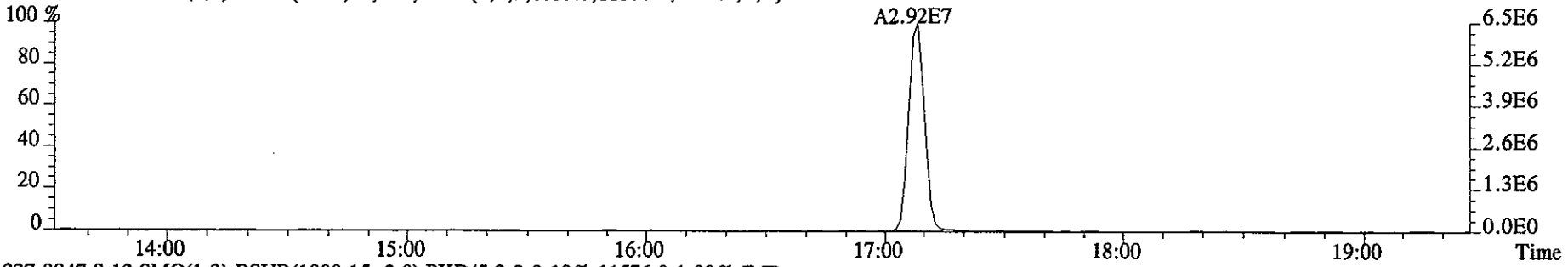
331.9368 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18344.0,1.00%,F,T)



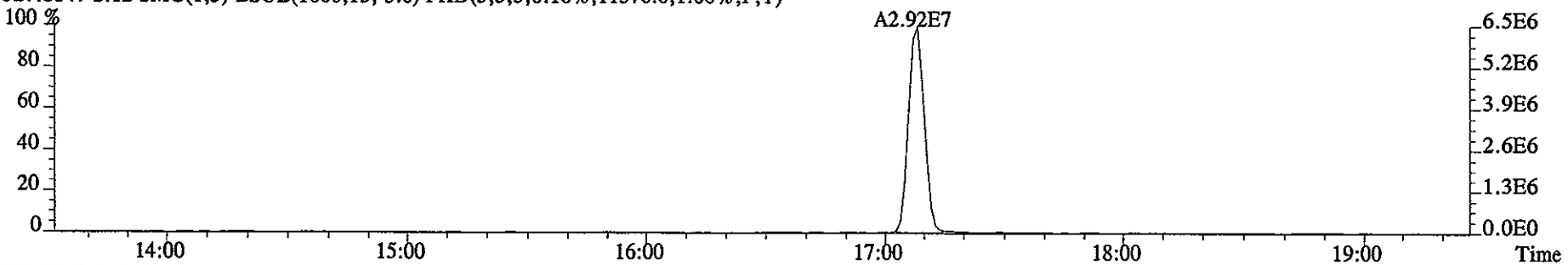
333.9339 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8048.0,1.00%,F,T)



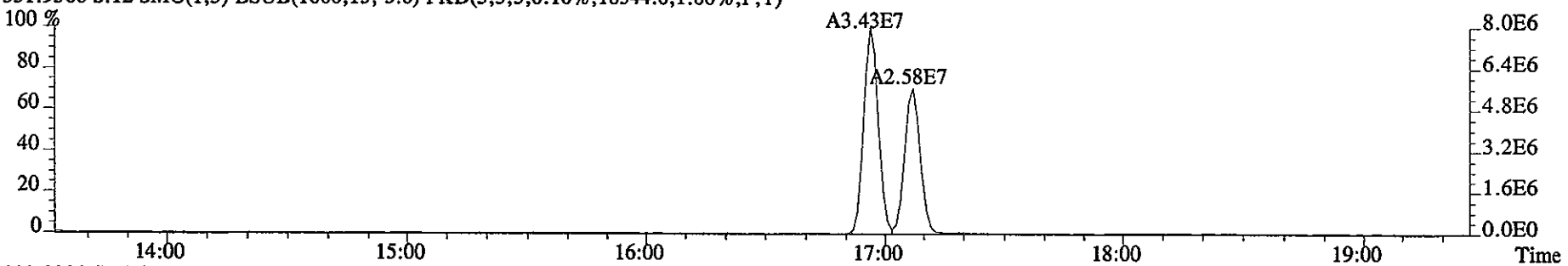
File:10JA061D5 #1-322 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN
327.8847 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11576.0,1.00%,F,T)



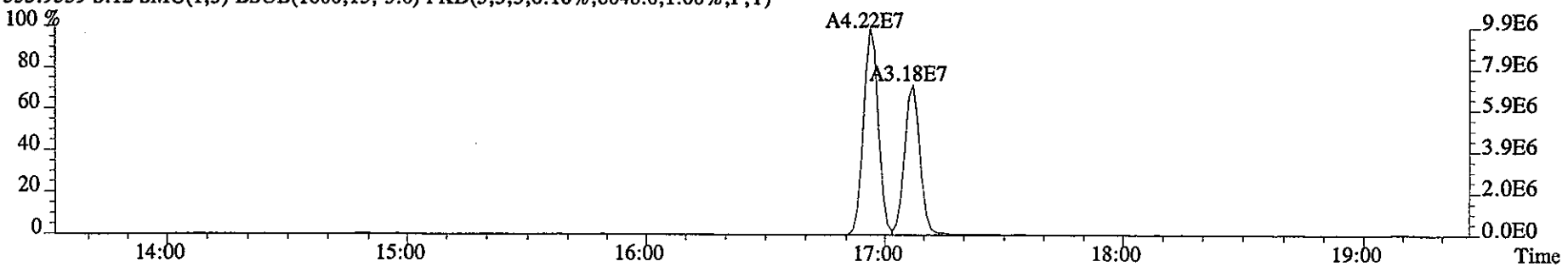
327.8847 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11576.0,1.00%,F,T)



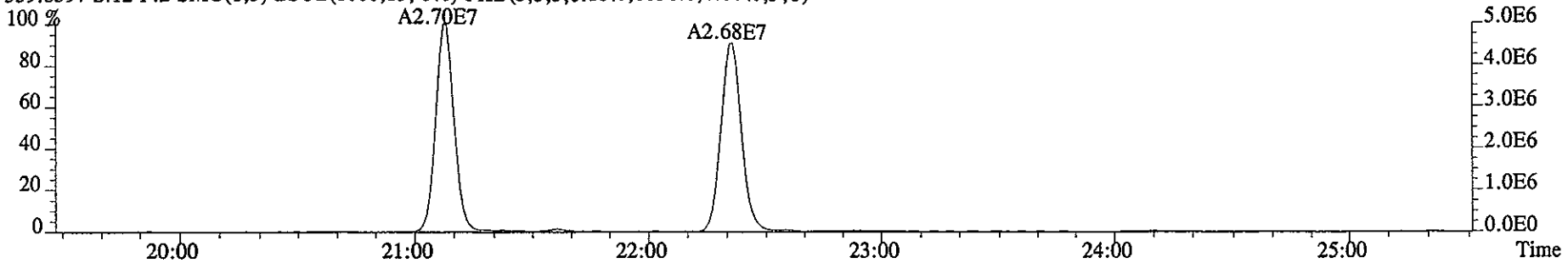
331.9368 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18344.0,1.00%,F,T)



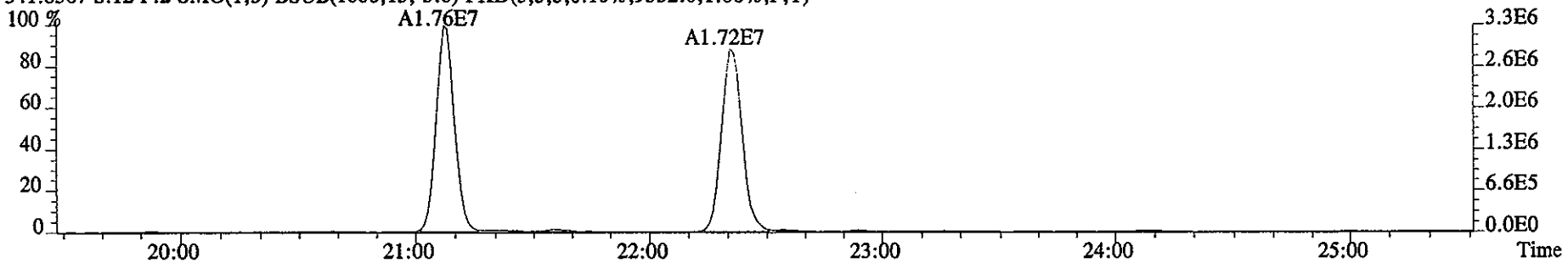
333.9339 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8048.0,1.00%,F,T)



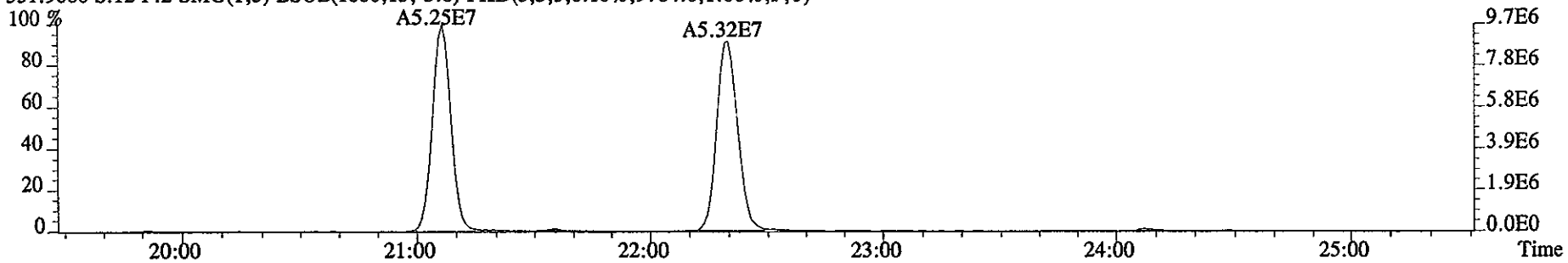
File:10JA061D5 #1-426 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN
339.8597 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6636.0,1.00%,F,T)



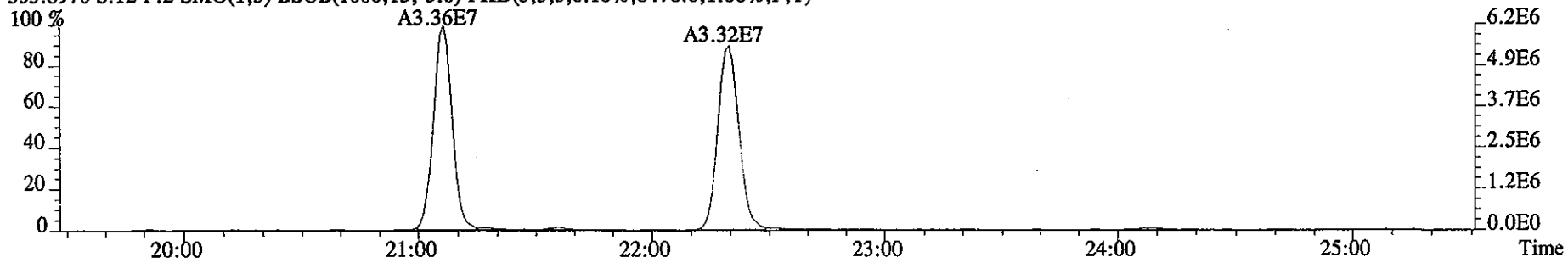
341.8567 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9332.0,1.00%,F,T)



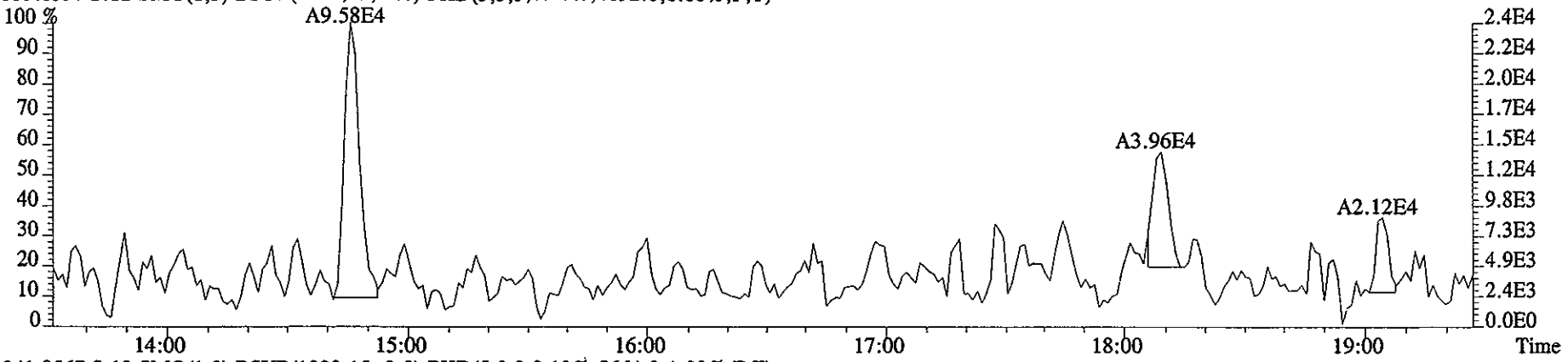
351.9000 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9704.0,1.00%,F,T)



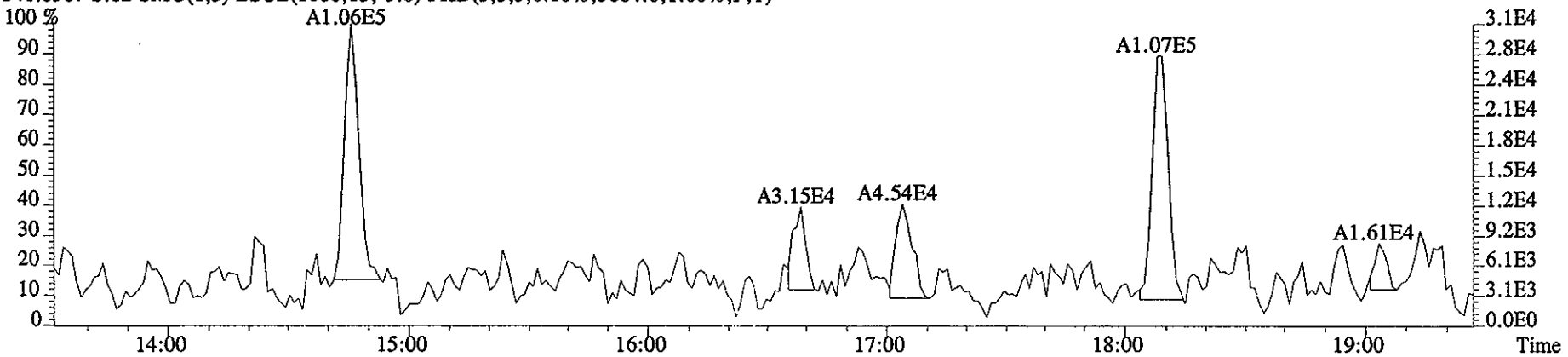
353.8970 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8476.0,1.00%,F,T)



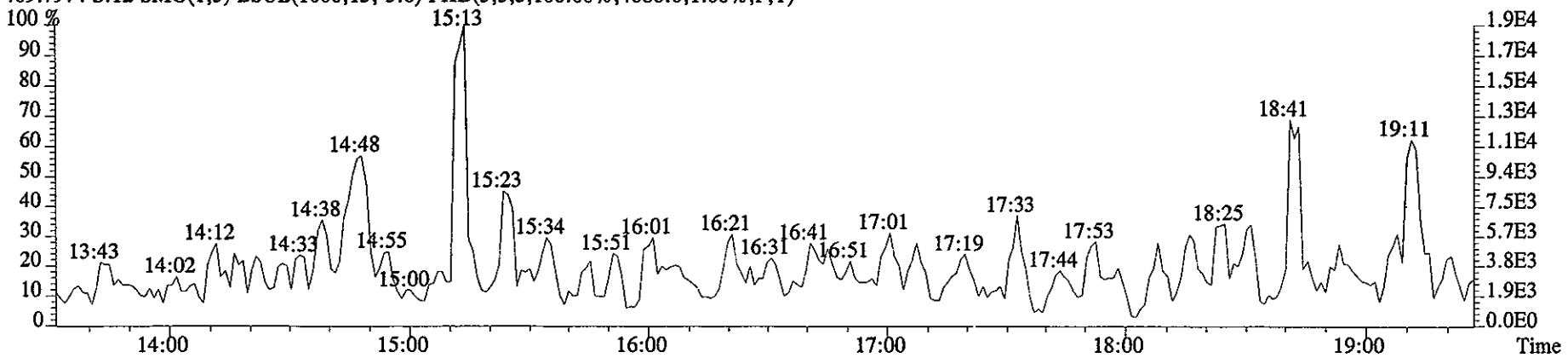
File:10JA061D5 #1-322 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN
339.8597 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4892.0,1.00%,F,T)



341.8567 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5664.0,1.00%,F,T)

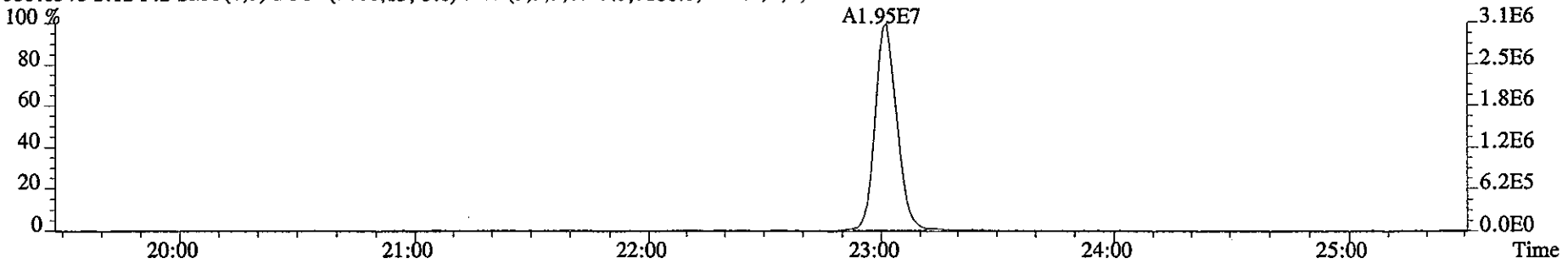


409.7974 S:12 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4088.0,1.00%,F,T)

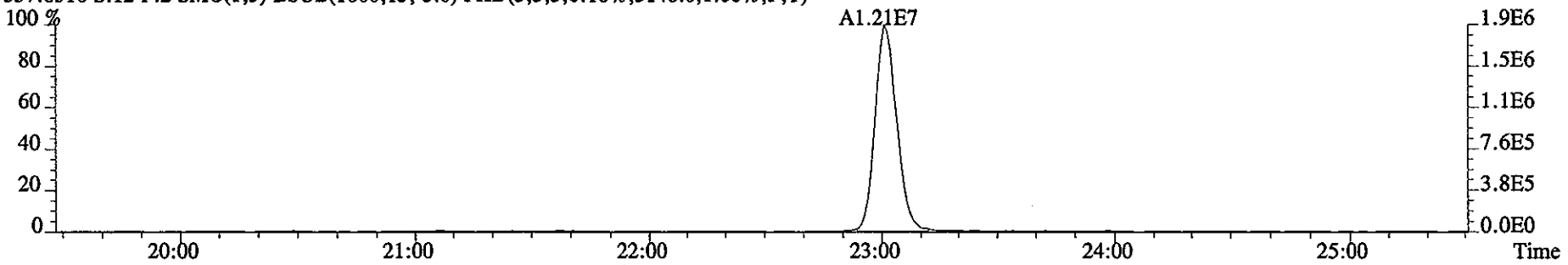


File:10JA061D5 #1-426 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN

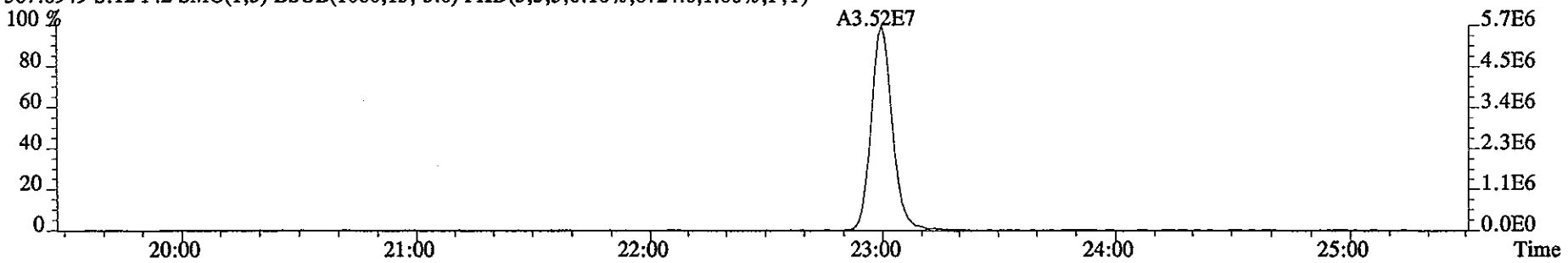
355.8546 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7180.0,1.00%,F,T)



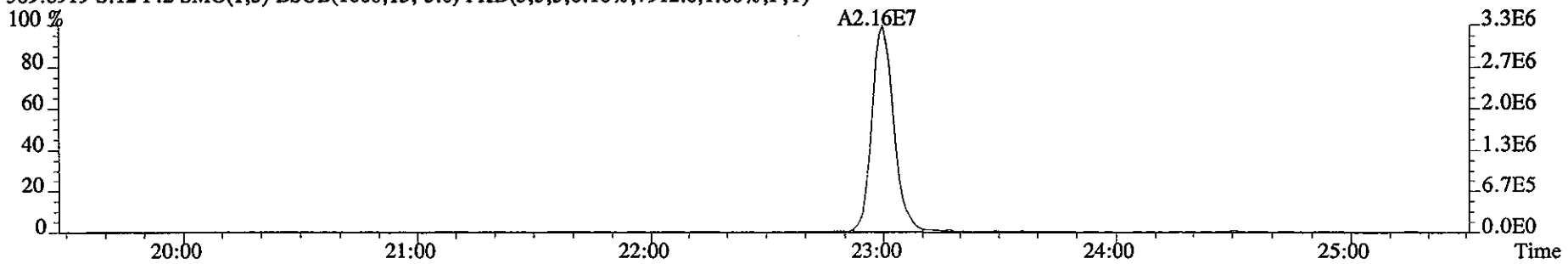
357.8516 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5148.0,1.00%,F,T)



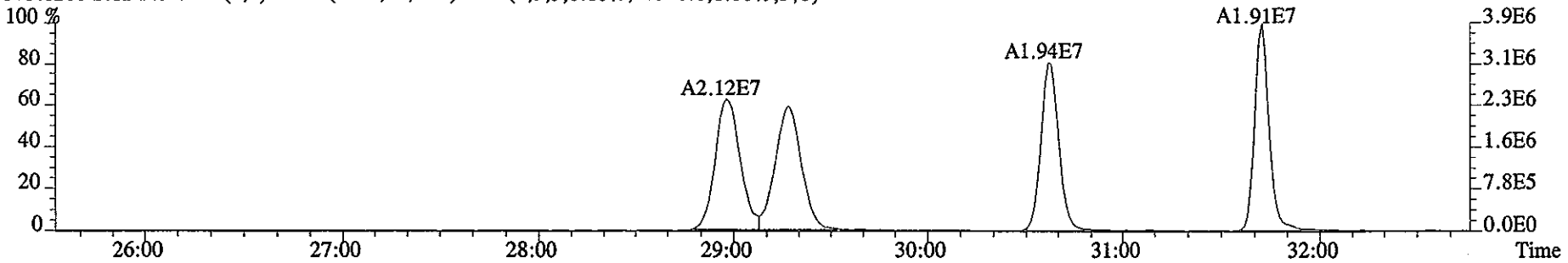
367.8949 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8724.0,1.00%,F,T)



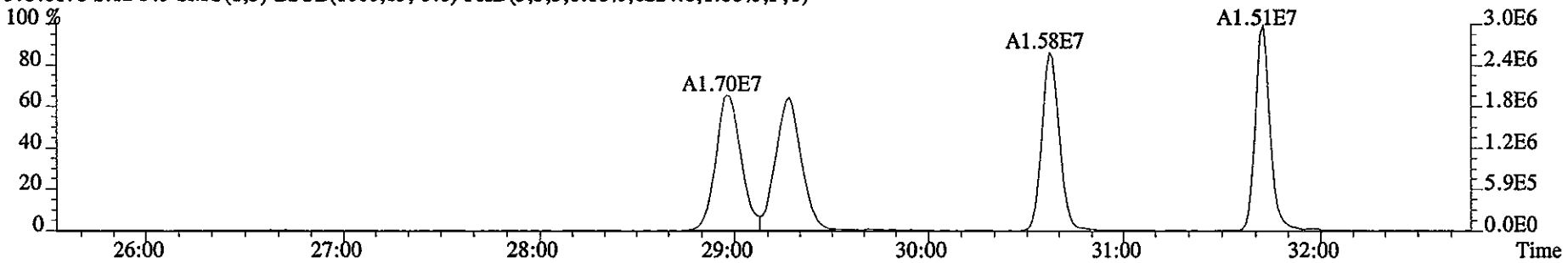
369.8919 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7912.0,1.00%,F,T)



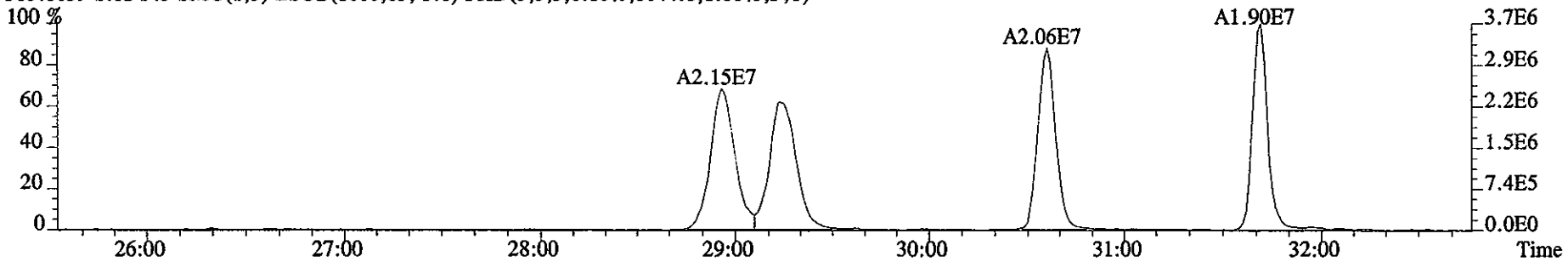
File:10JA061D5 #1-486 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN
373.8208 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11316.0,1.00%,F,T)



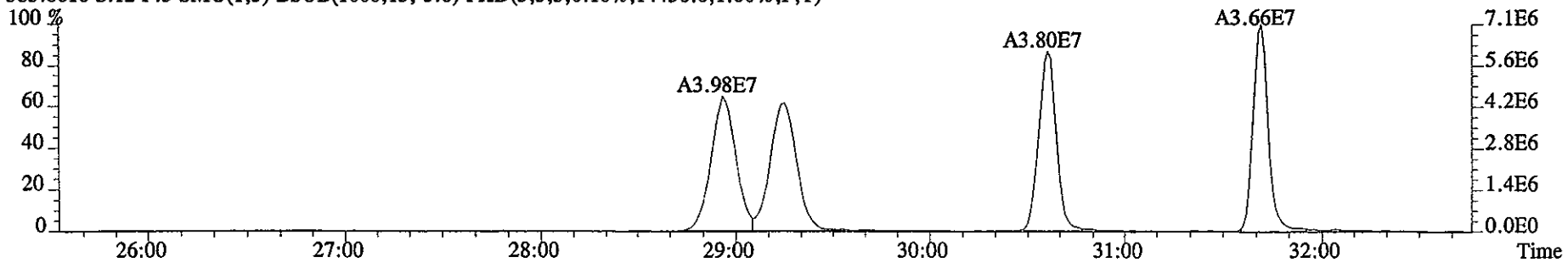
375.8178 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6224.0,1.00%,F,T)



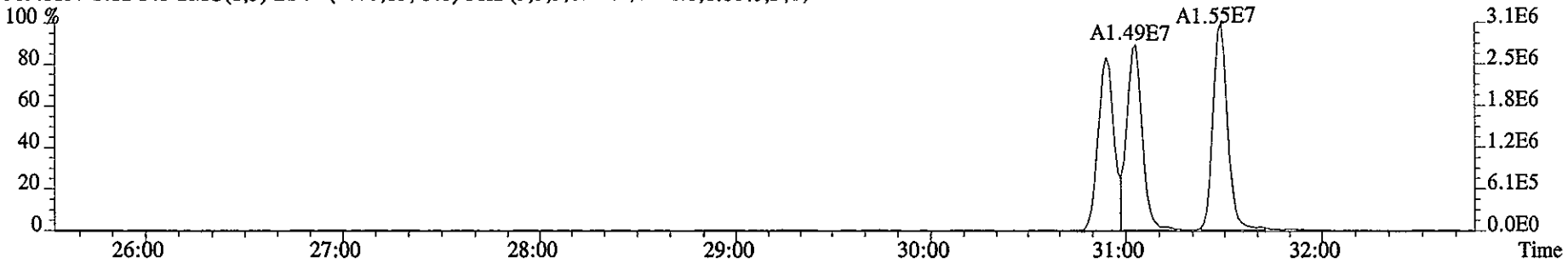
383.8639 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8044.0,1.00%,F,T)



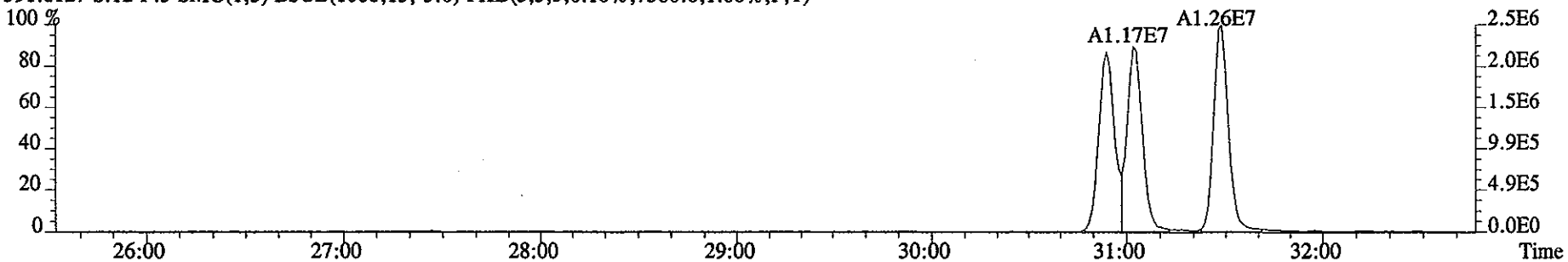
385.8610 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14436.0,1.00%,F,T)



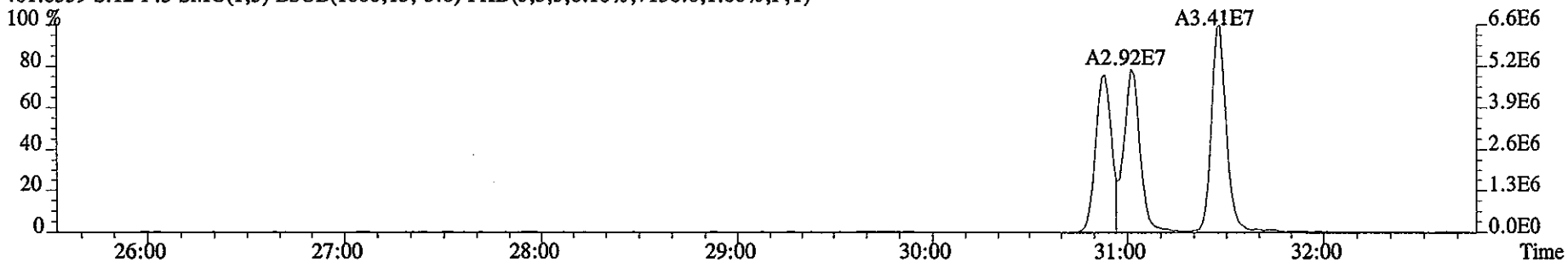
File:10JA061D5 #1-486 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN
389.8157 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6912.0,1.00%,F,T)



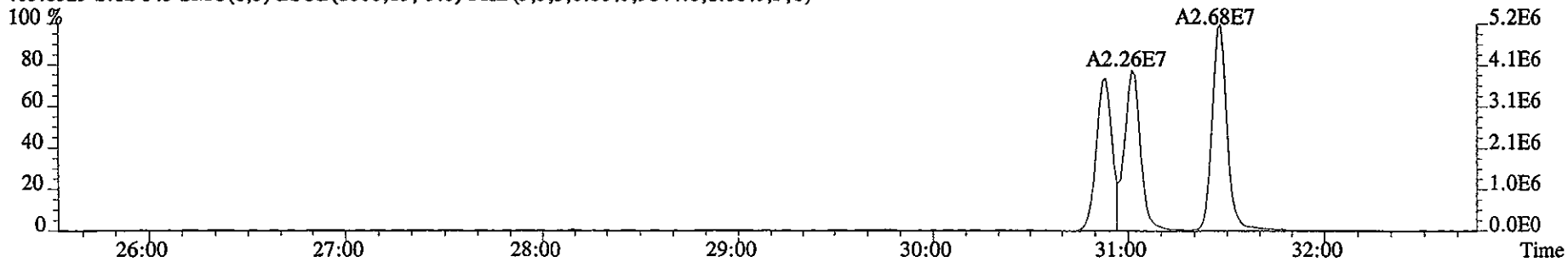
391.8127 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7580.0,1.00%,F,T)



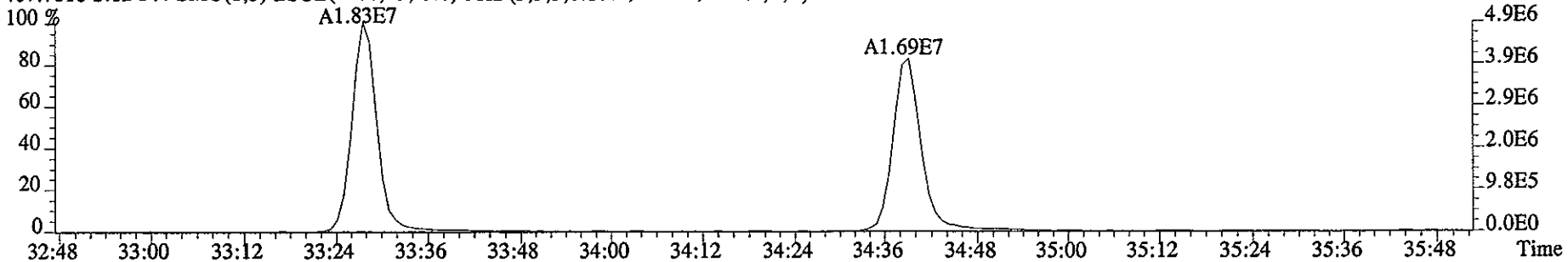
401.8559 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7136.0,1.00%,F,T)



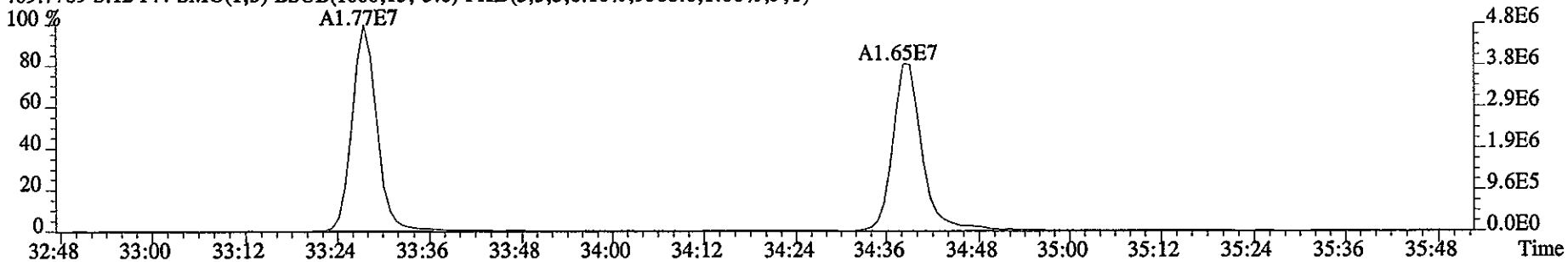
403.8529 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9844.0,1.00%,F,T)



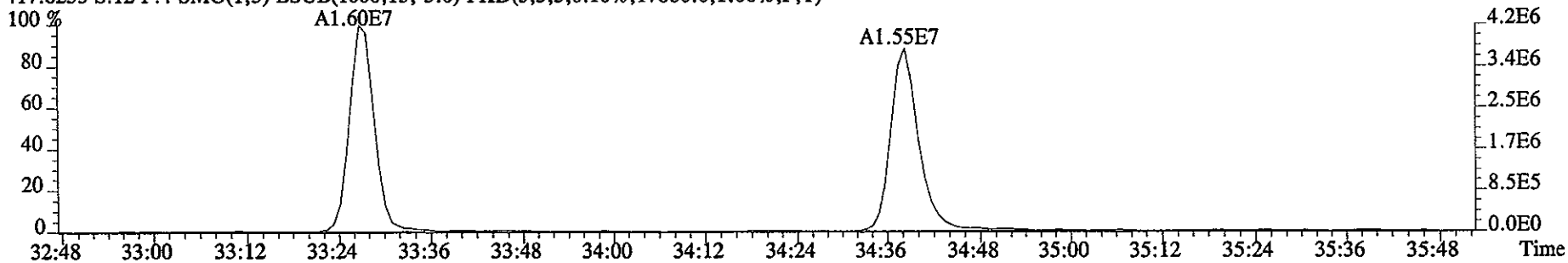
File:10JA061D5 #1-218 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN
407.7818 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7396.0,1.00%,F,T)



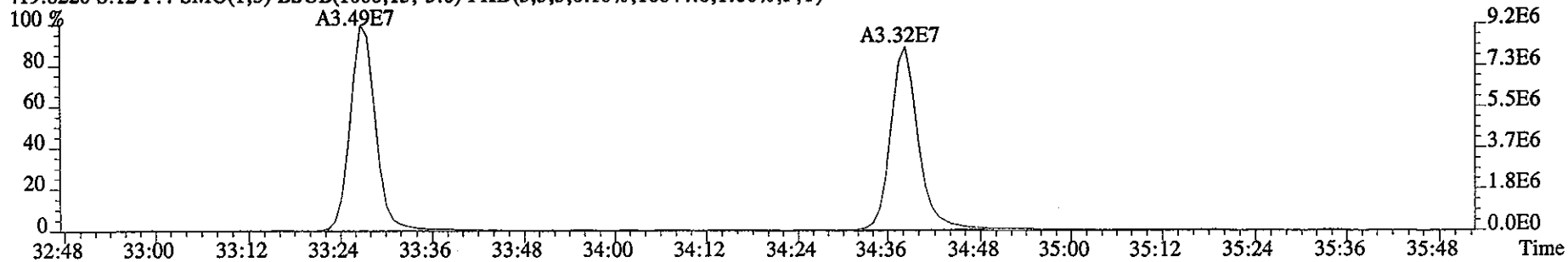
409.7789 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9308.0,1.00%,F,T)



417.8253 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17880.0,1.00%,F,T)

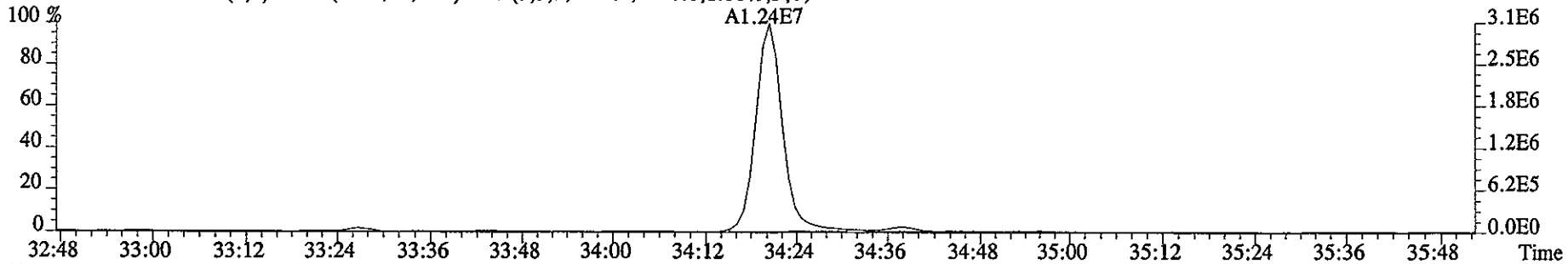


419.8220 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16044.0,1.00%,F,T)

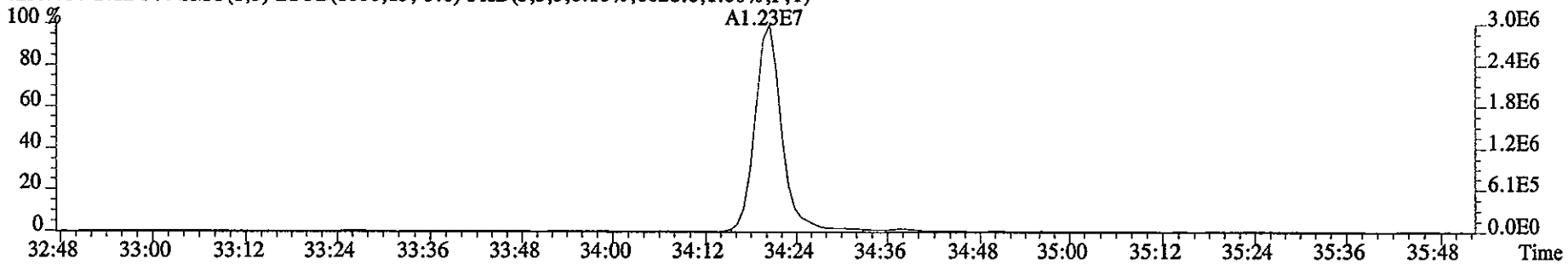


File:10JA061D5 #1-218 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN

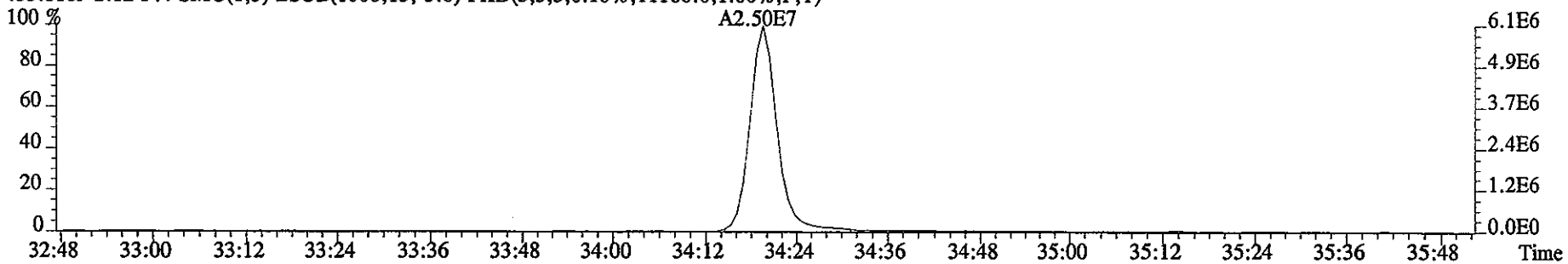
423.7766 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8648.0,1.00%,F,T)



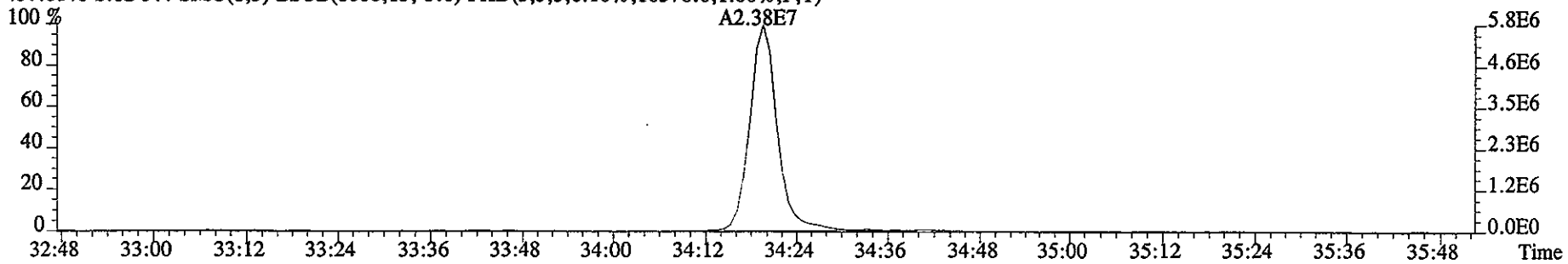
425.7737 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8028.0,1.00%,F,T)



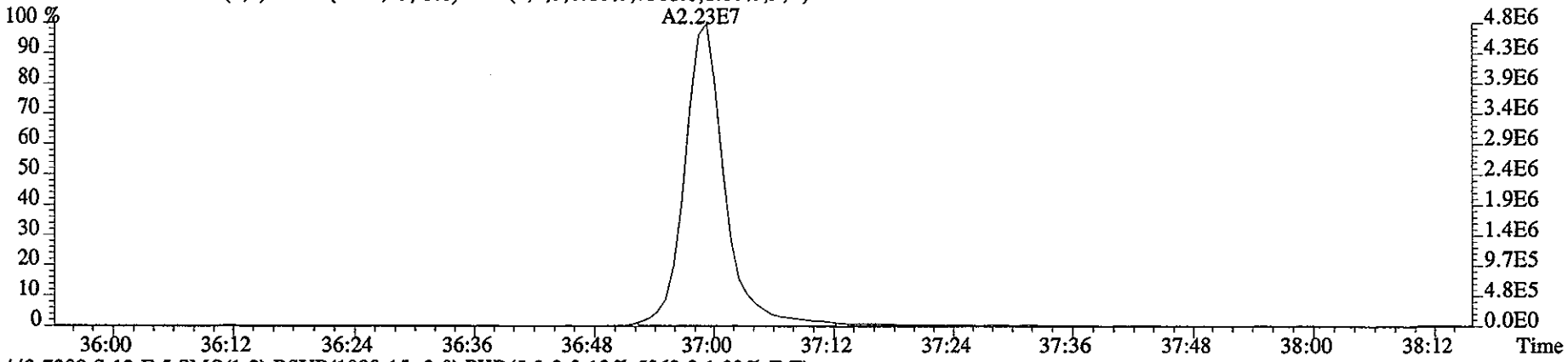
435.8169 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11160.0,1.00%,F,T)



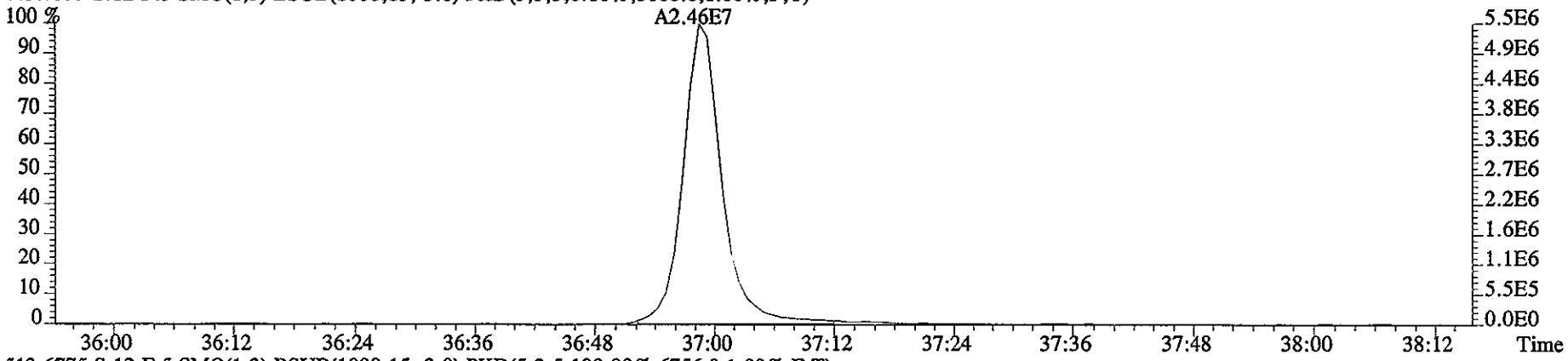
437.8140 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10576.0,1.00%,F,T)



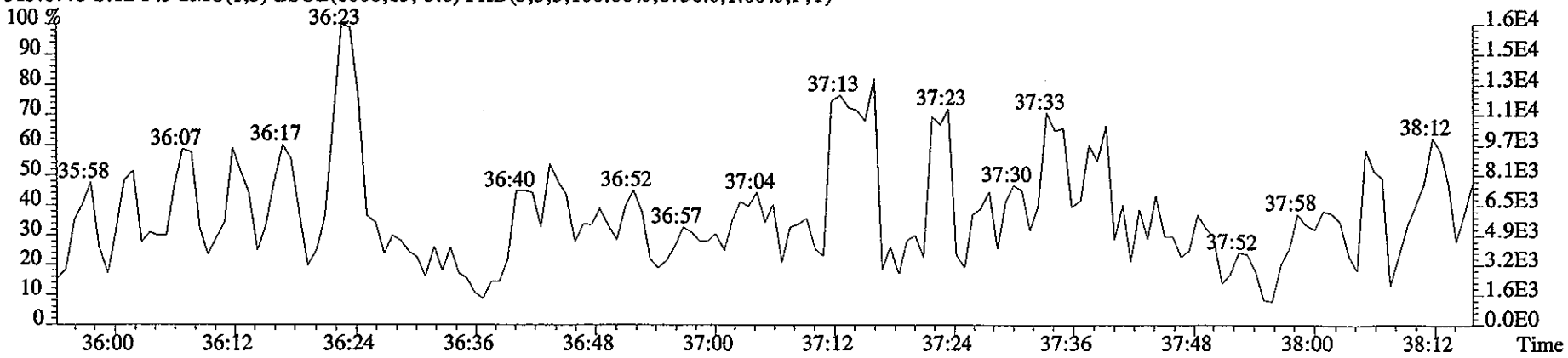
File:10JA061D5 #1-171 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN
441.7428 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7568.0,1.00%,F,T)



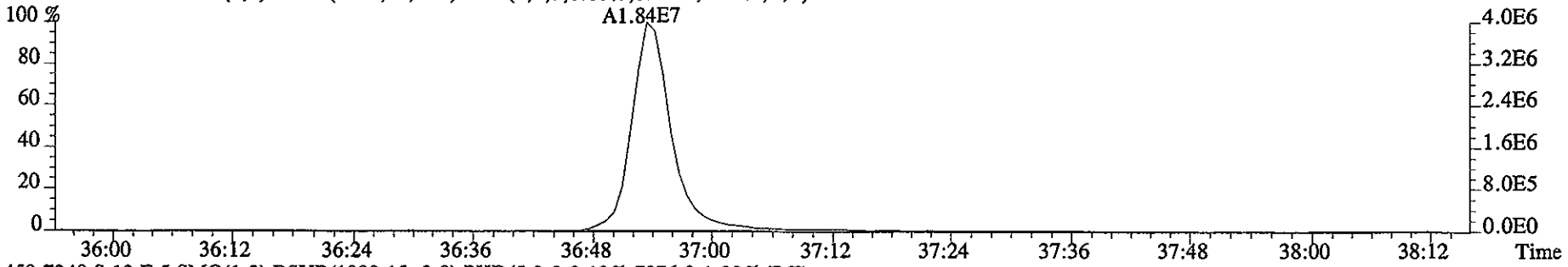
443.7399 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5860.0,1.00%,F,T)



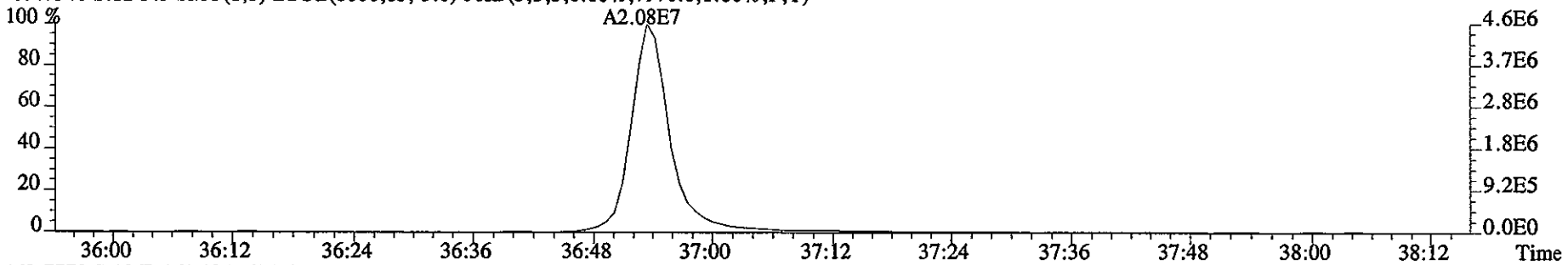
513.6775 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,6756.0,1.00%,F,T)



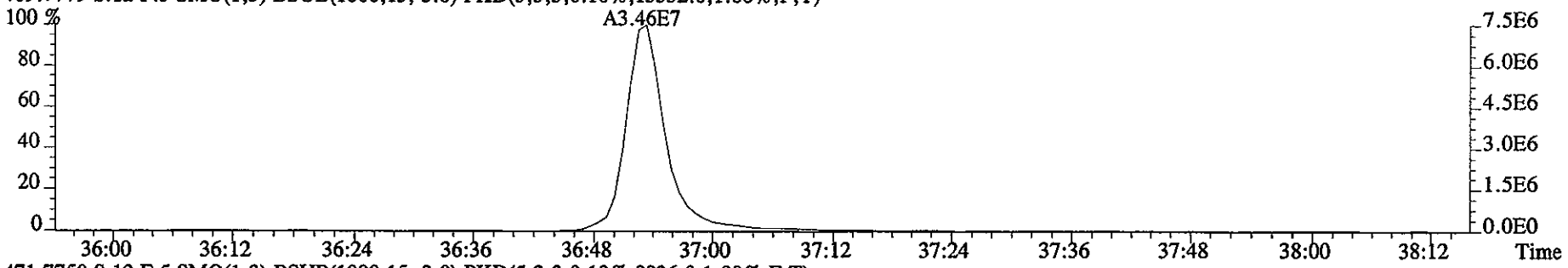
File:10JA061D5 #1-171 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN
457.7377 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8524.0,1.00%,F,T)



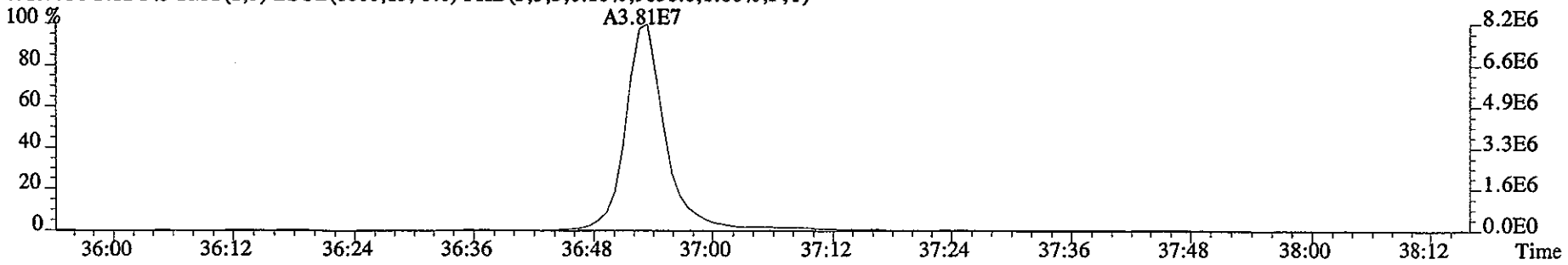
459.7348 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7976.0,1.00%,F,T)



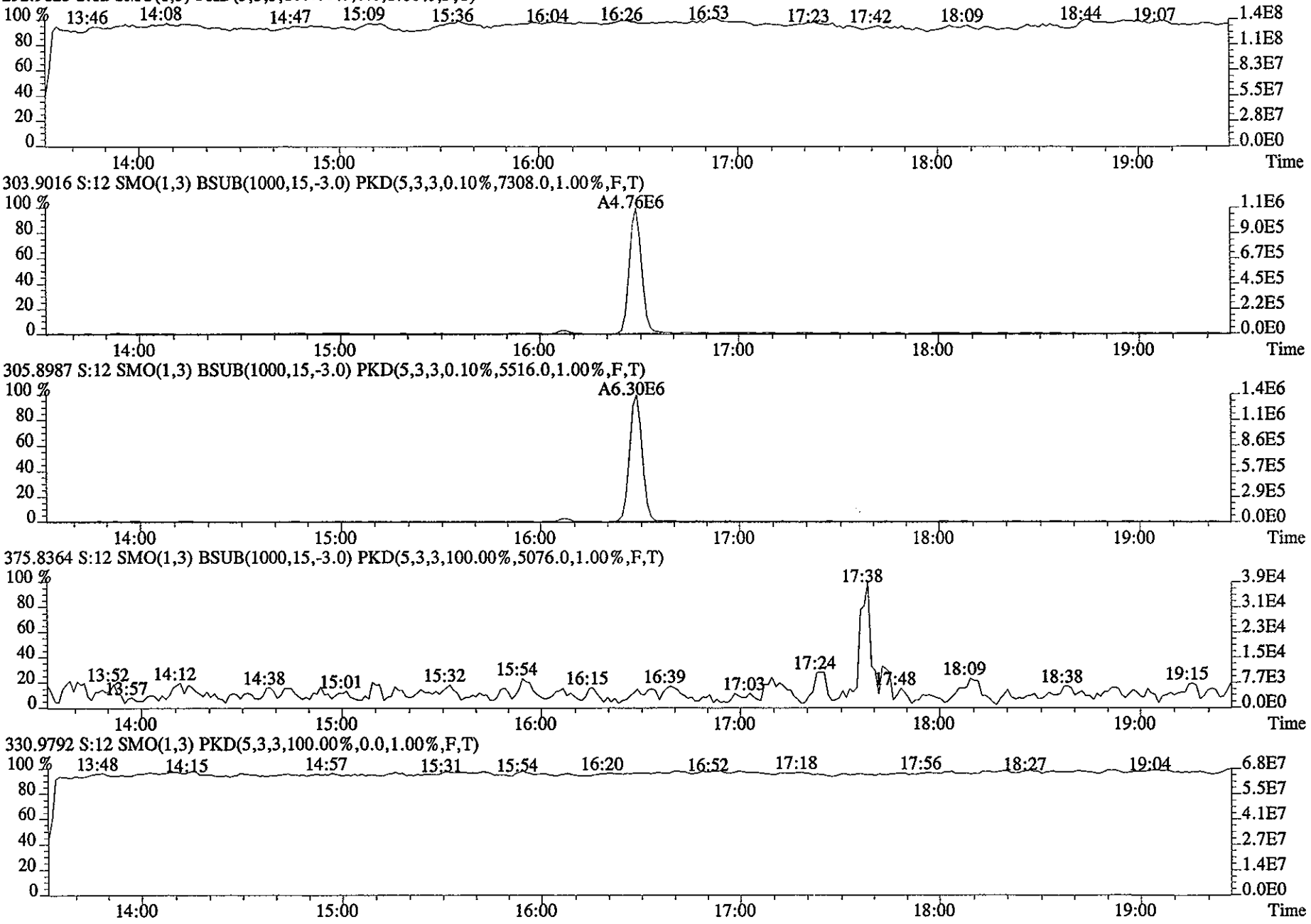
469.7779 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13532.0,1.00%,F,T)



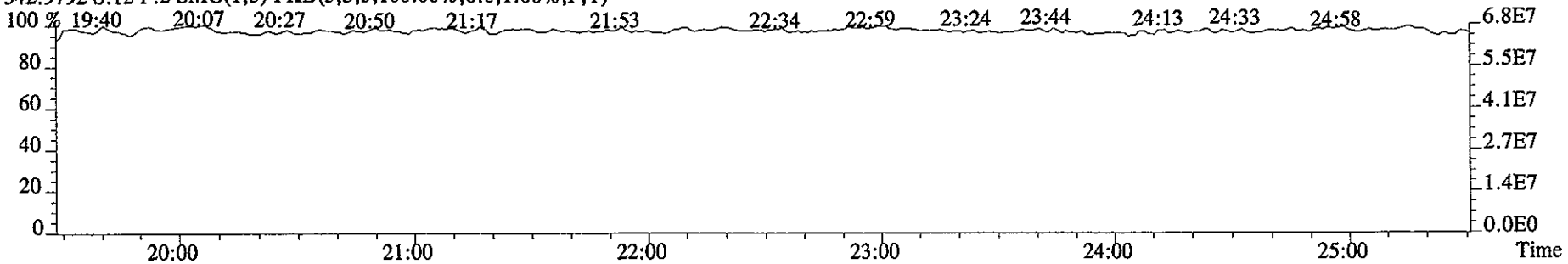
471.7750 S:12 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9836.0,1.00%,F,T)



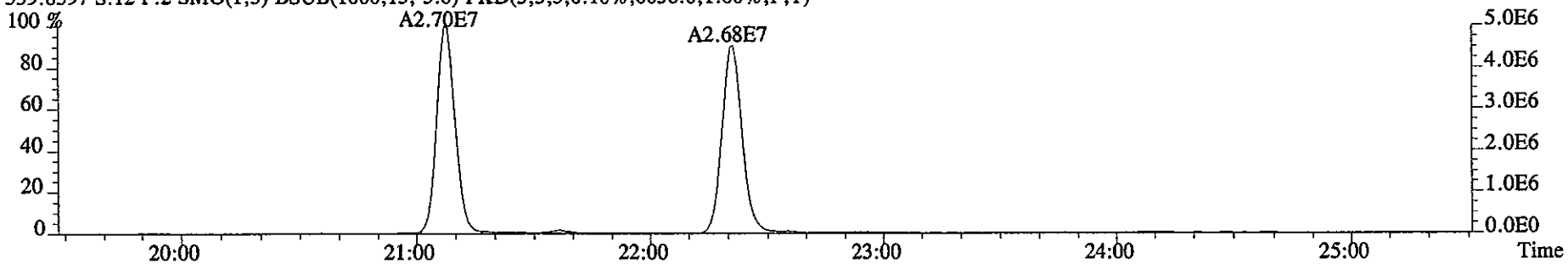
File:10JA061D5 #1-322 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN



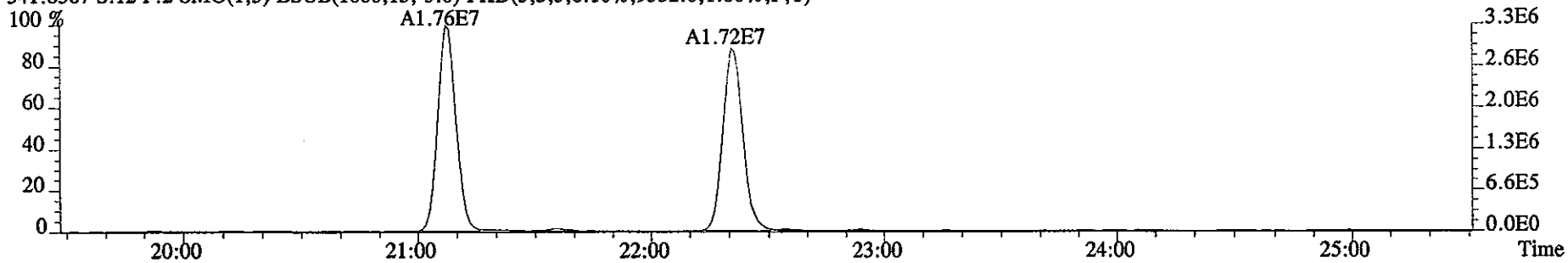
File:10JA061D5 #1-426 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN
342.9792 S:12 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



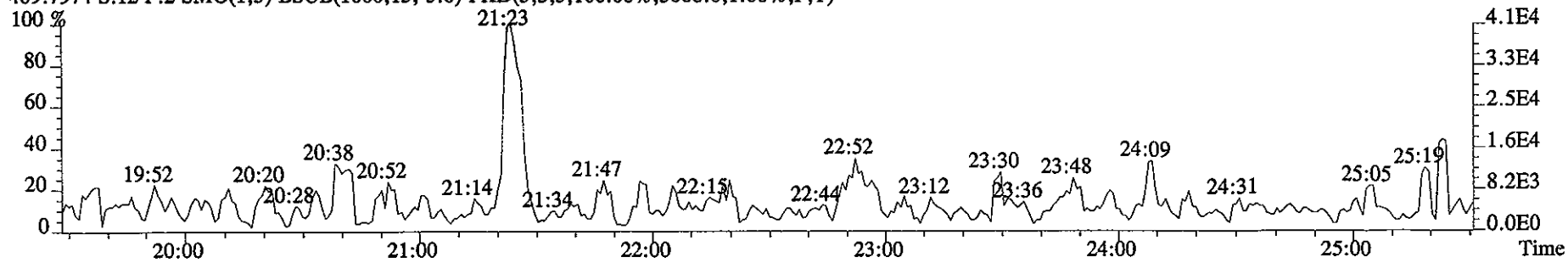
339.8597 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6636.0,1.00%,F,T)



341.8567 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9332.0,1.00%,F,T)

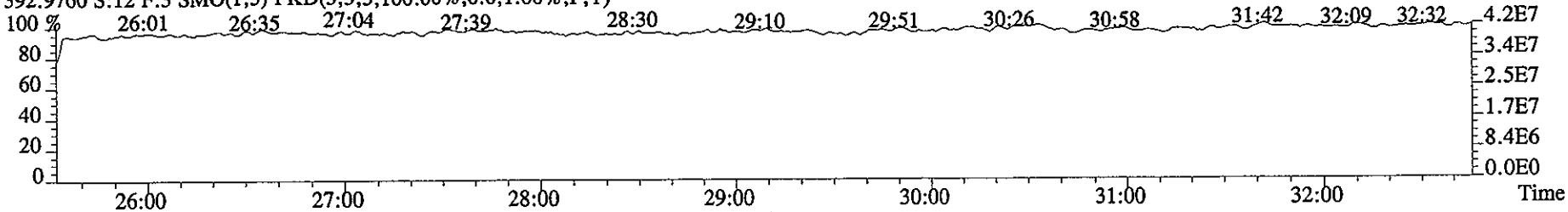


409.7974 S:12 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5088.0,1.00%,F,T)

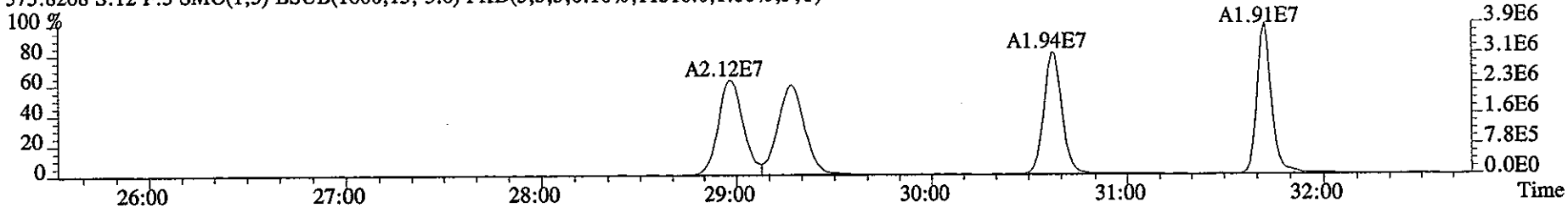


File:10JA061D5 #1-486 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN

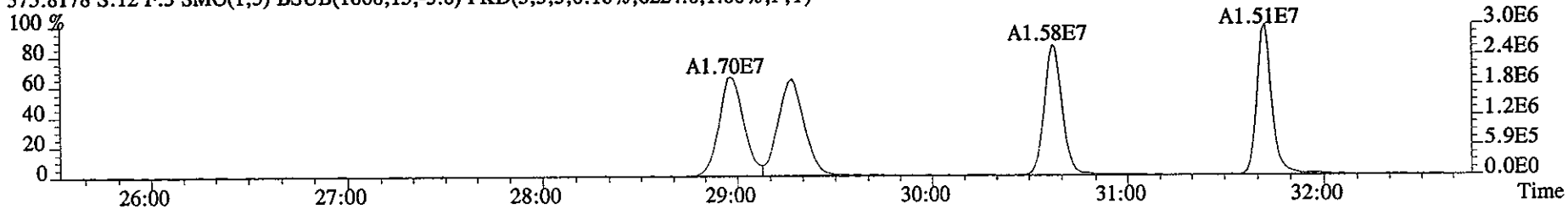
392.9760 S:12 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



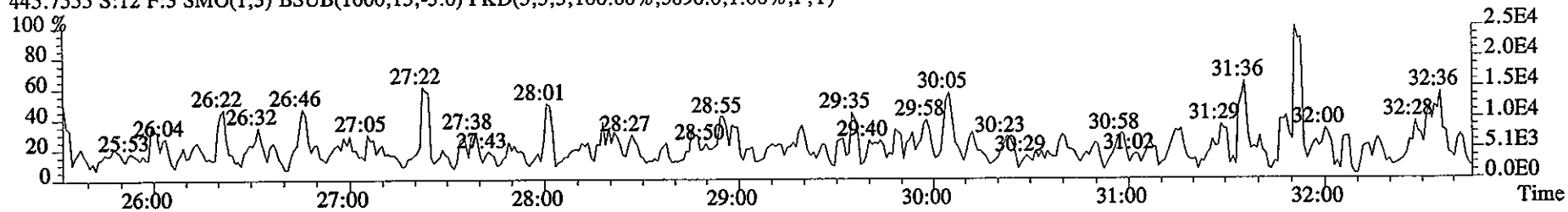
373.8208 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11316.0,1.00%,F,T)



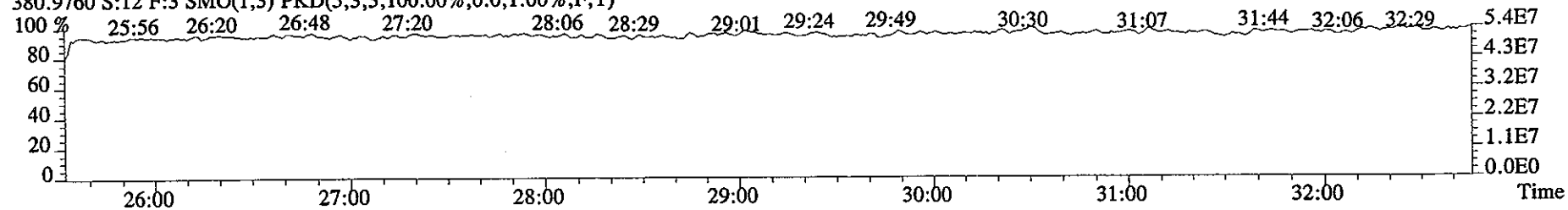
375.8178 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6224.0,1.00%,F,T)



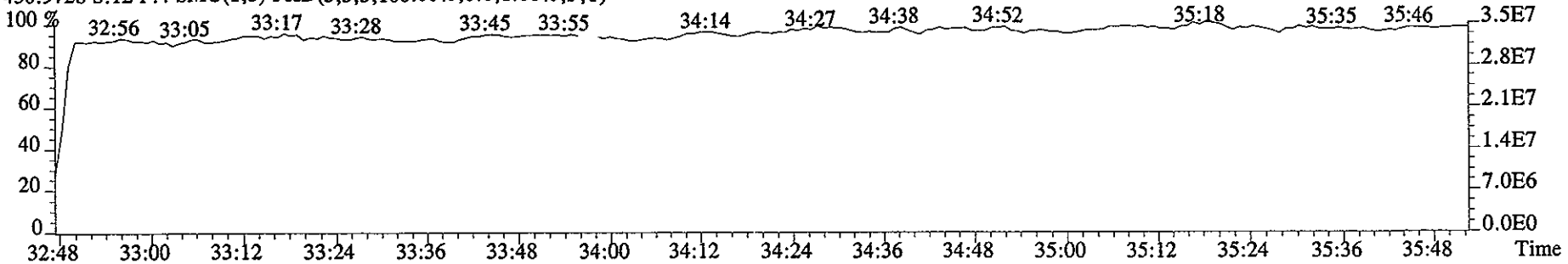
445.7555 S:12 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5896.0,1.00%,F,T)



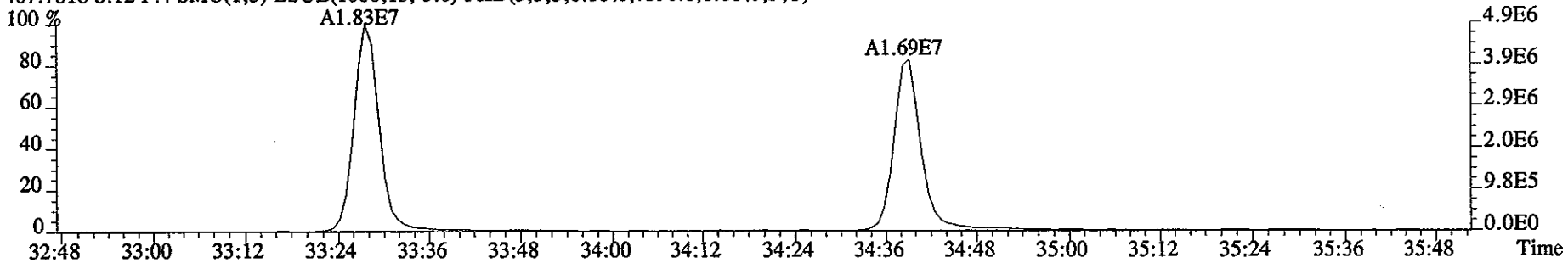
380.9760 S:12 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



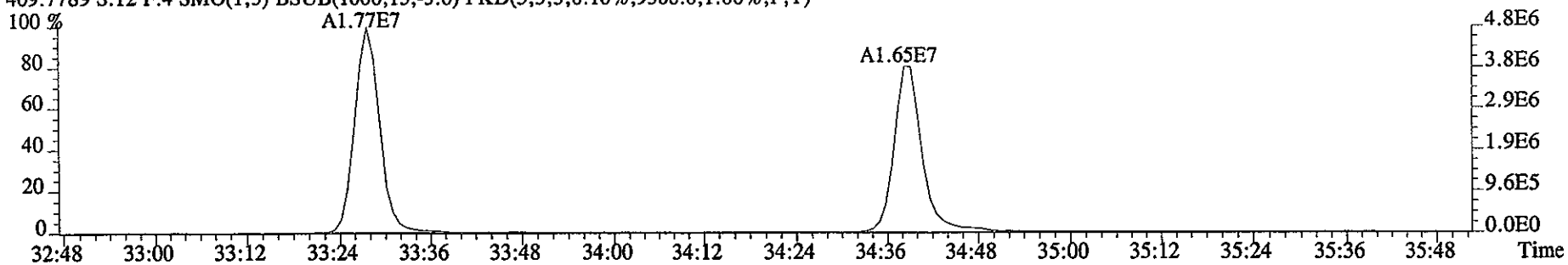
File:10JA061D5 #1-218 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN
430.9728 S:12 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



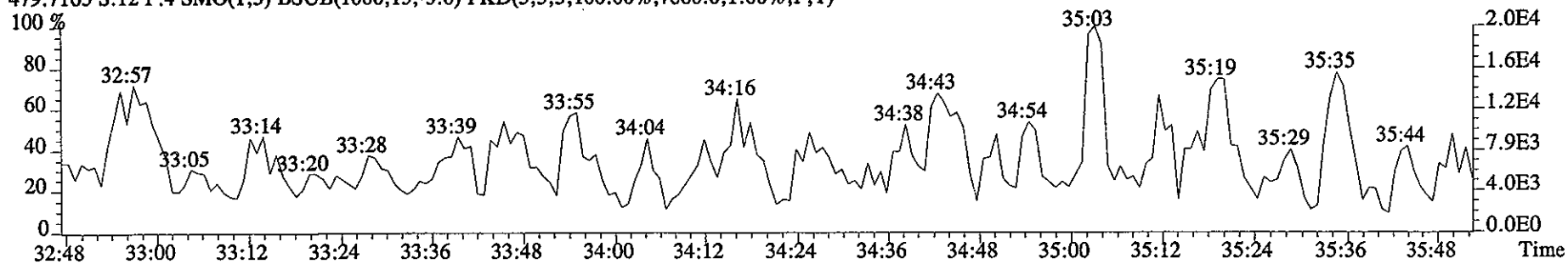
407.7818 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7396.0,1.00%,F,T)



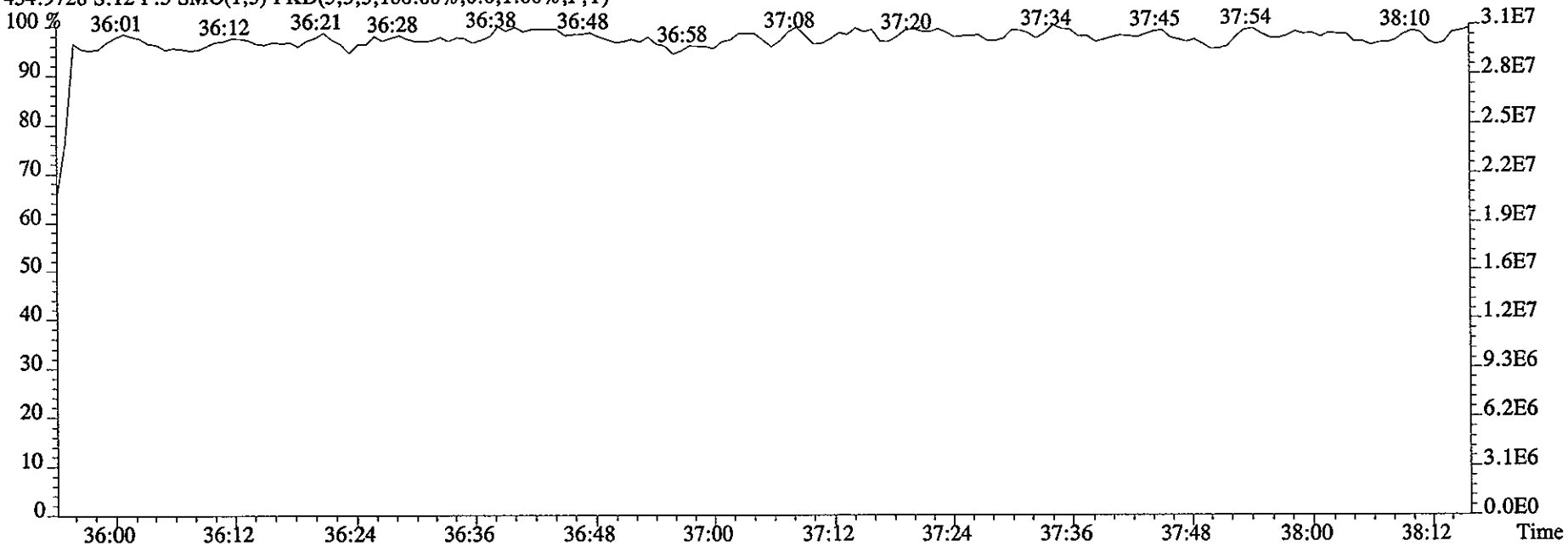
409.7789 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9308.0,1.00%,F,T)



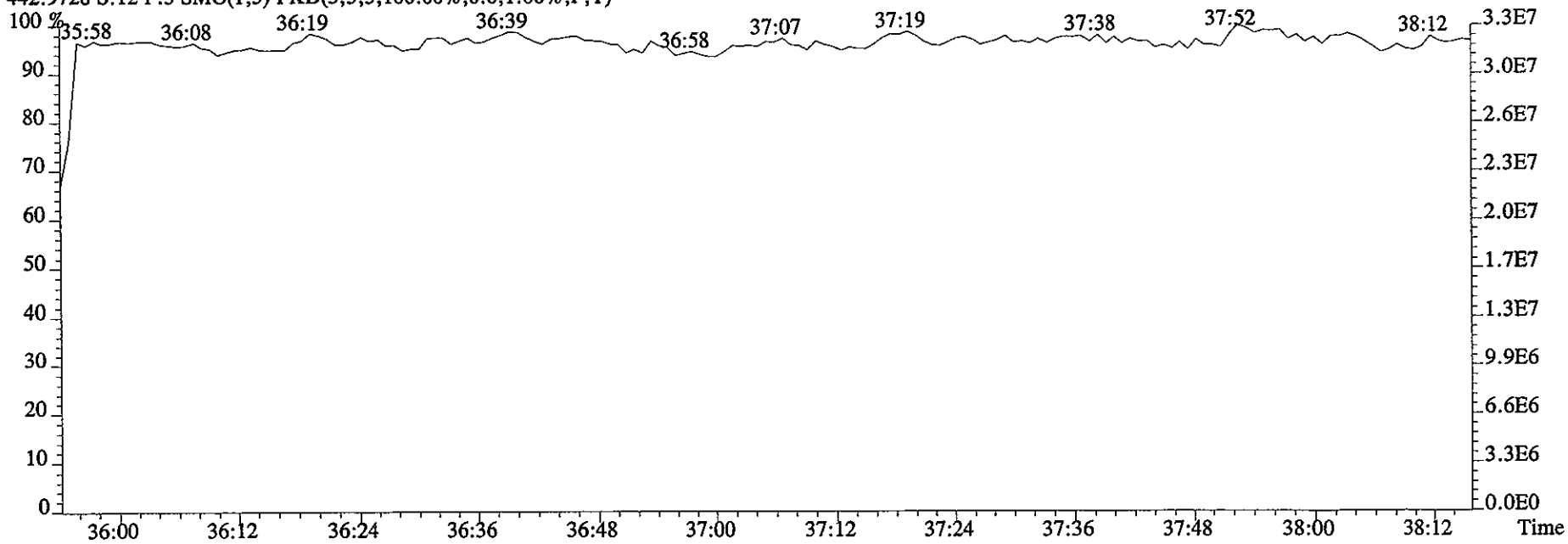
479.7165 S:12 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7880.0,1.00%,F,T)



File:10JA061D5 #1-171 Acq:10-JAN-2006 17:13:31 GC EI+ Voltage SIR 70SE
Sample#12 Text:HVA2T-1-AC :G6A090000-371C Exp:DIOXIN
454.9728 S:12 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



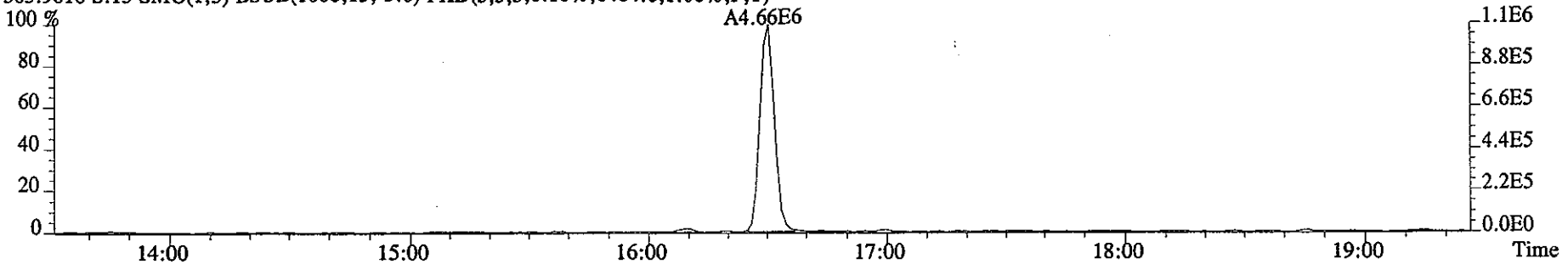
442.9728 S:12 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



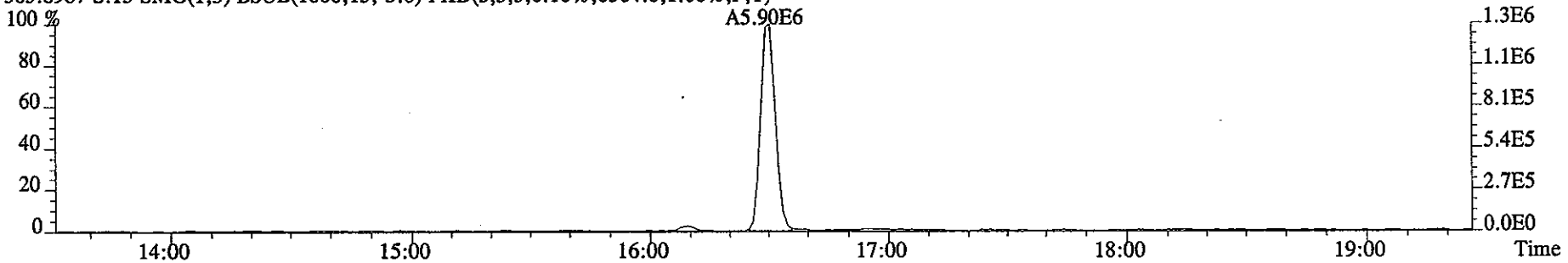
Run text: HVA2T-1-AD Sample text: HVA2T-1-AD :G6A090000-371L
Run #16 Filename: 10JA061D5 S: 13 I: 1 Results: 10JA061D58290
Acquired: 10-JAN-06 17:55:11 Processed: 11-JAN-06 08:09:29
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 1.000000L

Name	Resp	RA		RT	RRF	Conc		EDL	Rec	M
13C-1,2,3,4-TCDD	72419000	0.83	y	16:58	-	69.21		-	-	n
13C-2,3,7,8-TCDF	95724000	0.82	y	16:29	1.68	1570.96		4.45	78.5	n
2,3,7,8-TCDF	10560300	0.79	y	16:30	1.16	189.75	✓	2.97	-	n
Total TCDF	10744147	0.59	n	16:09	1.16	193.05		2.97	-	n
13C-2,3,7,8-TCDD	52331700	0.83	y	17:08	0.90	1612.78		10.45	80.6	n
2,3,7,8-TCDD	7756320	0.83	y	17:09	1.32	224.17	✓	4.38	-	n
Total TCDD	7835094	1.49	n	16:29	1.32	226.44		4.38	-	n
37Cl-2,3,7,8-TCDD	54420400	1.00	y	17:09	2.44	614.85		2.58	76.9	n
13C-1,2,3,7,8-PeCDF	80023500	1.58	y	21:07	1.54	1430.50		5.18	71.5	n
1,2,3,7,8-PeCDF	40913400	1.54	y	21:09	1.00	1018.11	✓	6.20	-	n
2,3,4,7,8-PeCDF	41121100	1.56	y	22:22	1.05	979.99	✓	5.94	-	n
Total F2 PeCDF	82629992	1.54	y	21:09	1.03	2012.60		6.06	-	n
Total F1 PeCDF	163512	0.39	n	14:48	1.03	3.98		4.51	-	n
13C-1,2,3,7,8-PeCDD	52277400	1.55	y	22:59	0.91	1579.69		6.48	79.0	n
1,2,3,7,8-PeCDD	28726200	1.56	y	23:01	1.04	1053.27	✓	7.73	-	n
Total PeCDD	28822688	1.56	y	23:01	1.04	1056.80		7.73	-	n
13C-1,2,3,7,8,9-HxCDD	54741900	1.29	y	31:28	-	56.87		-	-	n
13C-1,2,3,4,7,8-HxCDF	57128500	0.54	y	28:58	1.38	1509.09		11.83	75.5	n
1,2,3,4,7,8-HxCDF	34578100	1.29	y	28:58	1.11	1090.03	✓	12.16	-	n
1,2,3,6,7,8-HxCDF	35918000	1.24	y	29:17	1.14	1103.00	✓	11.85	-	n
2,3,4,6,7,8-HxCDF	32787700	1.24	y	30:38	1.06	1078.76	✓	12.70	-	n
1,2,3,7,8,9-HxCDF	31099200	1.22	y	31:42	1.02 0.82	~~1069.08~~ ✓ 1278.6		13.26	-	n
Total HxCDF	134383000	1.29	y	28:58	1.08	4340.87		12.47	-	n
13C-1,2,3,6,7,8-HxCDD	44384400	1.27	y	31:02	0.96	1693.29		10.62	84.7	n
1,2,3,4,7,8-HxCDD	23047300	1.27	y	30:54	0.95	1088.84	✓	10.69	-	n
1,2,3,6,7,8-HxCDD	23674000	1.26	y	31:03	1.00	1065.21	✓	10.18	-	n
1,2,3,7,8,9-HxCDD	24962600	1.29	y	31:28	1.04	1077.56	✓	9.77	-	n
Total HxCDD	71683900	1.27	y	30:54	1.00	3231.61		10.20	-	n
13C-1,2,3,4,6,7,8-HpCDF	45752000	0.43	y	33:27	1.13	1479.91		22.68	74.0	n
1,2,3,4,6,7,8-HpCDF	31386300	1.02	y	33:28	1.31	1046.80	✓	6.88	-	n
1,2,3,4,7,8,9-HpCDF	29642900	1.06	y	34:39	1.19	1088.42	✓	7.58	-	n
Total HpCDF	61029200	1.02	y	33:28	1.25	2135.22		7.21	-	n
13C-1,2,3,4,6,7,8-HpCDD	43583900	1.05	y	34:19	1.00	1595.45		14.29	79.8	n
1,2,3,4,6,7,8-HpCDD	22486400	1.01	y	34:20	0.95	1087.96	✓	8.39	-	n
Total HpCDD	22897124	2.80	n	33:27	0.95	1107.83		8.39	-	n
13C-OCDD	62667900	0.90	y	36:53	0.81 0.64	~~2828.88~~ 3580.30		15.66	~~70.7~~ 89.5	n
OCDF	43023300	0.90	y	36:59	1.32	2082.48	✓	11.74	-	n
OCDD	34866400	0.89	y	36:54	1.00	2214.66	✓	11.77	-	n

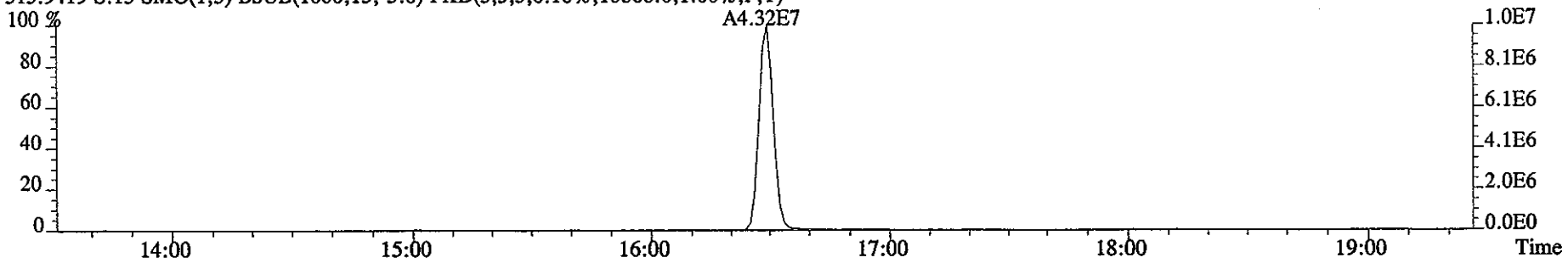
File:10JA061D5 #1-322 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
303.9016 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6484.0,1.00%,F,T)



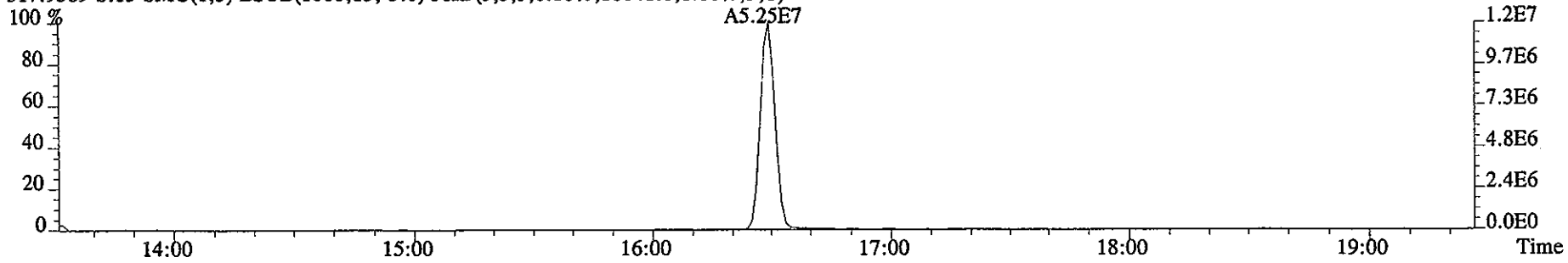
305.8987 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6364.0,1.00%,F,T)



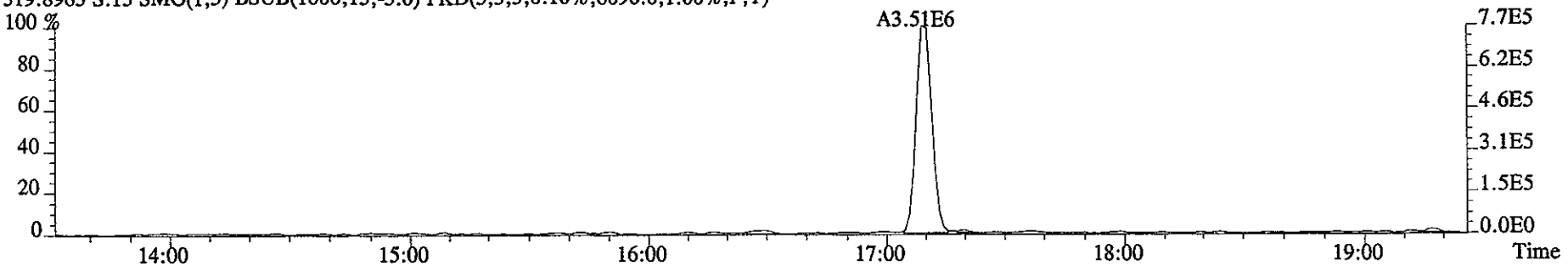
315.9419 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10868.0,1.00%,F,T)

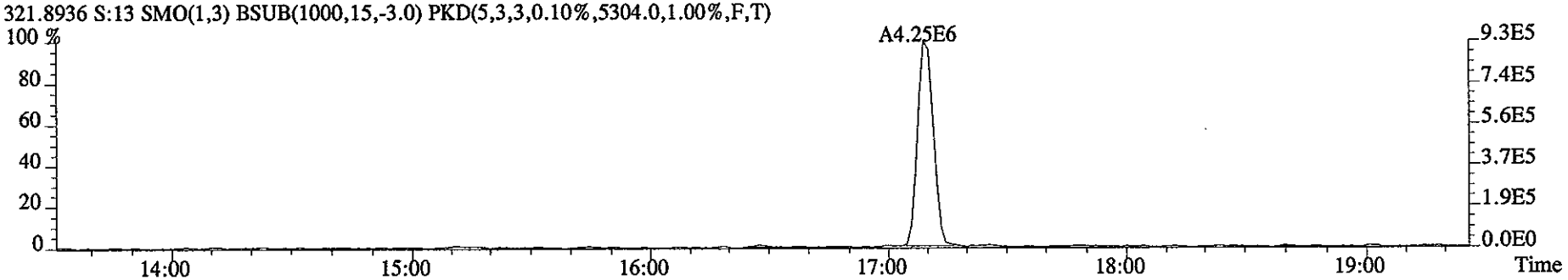


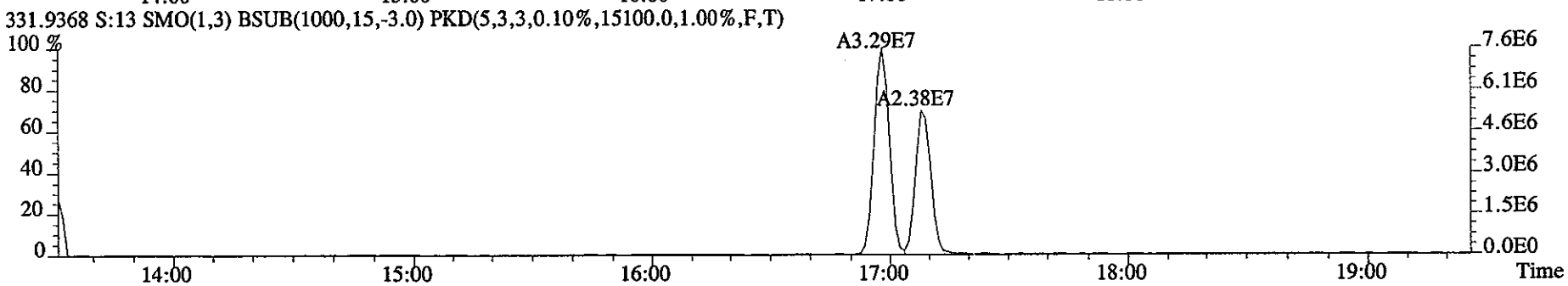
317.9389 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10048.0,1.00%,F,T)

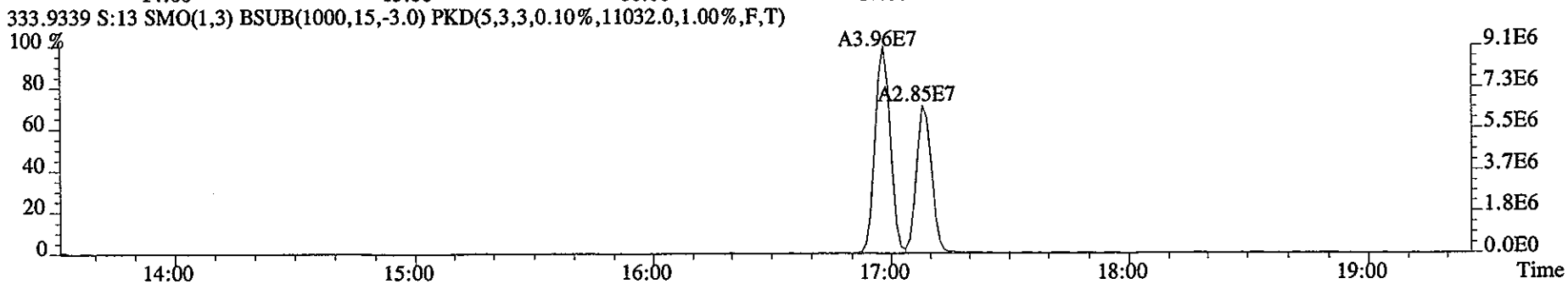


File:10JA061D5 #1-322 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN

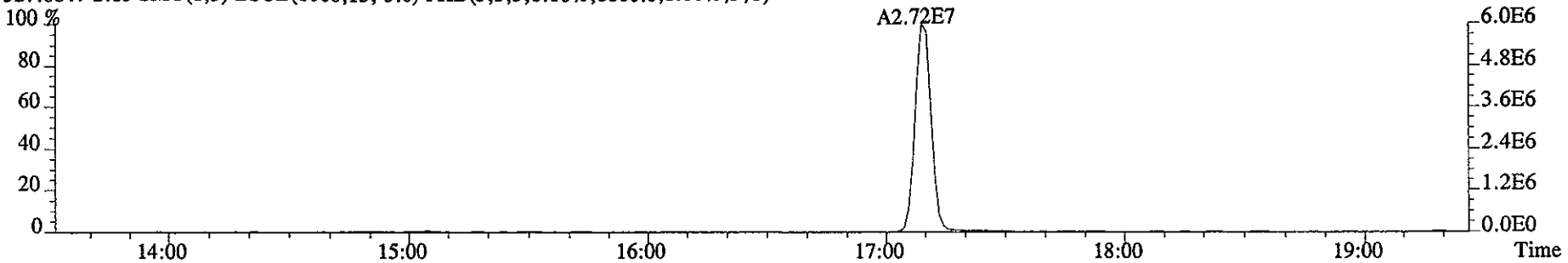




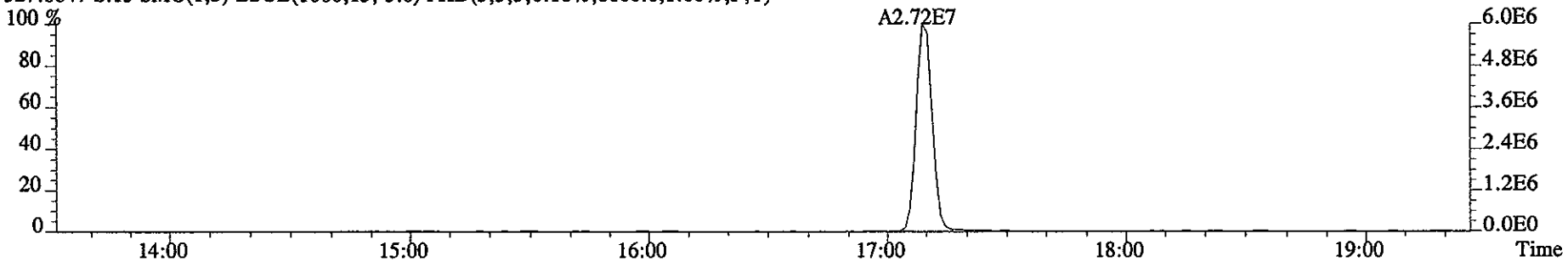




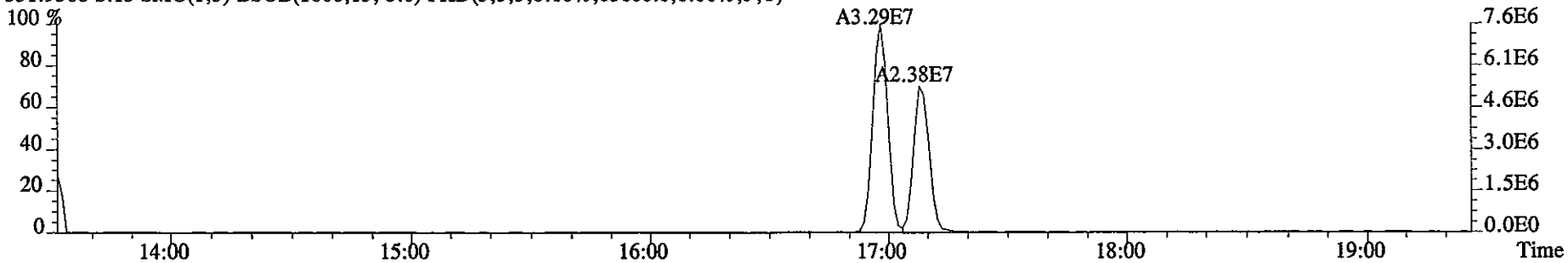
File:10JA061D5 #1-322 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
327.8847 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8800.0,1.00%,F,T)



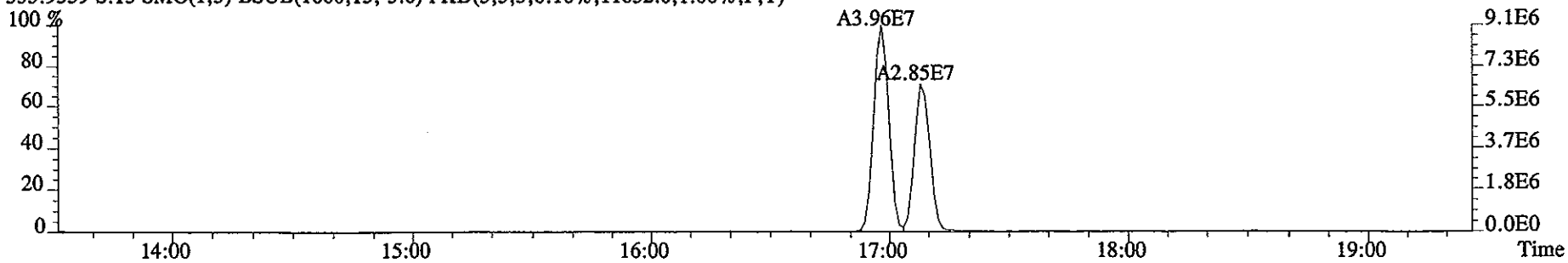
327.8847 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8800.0,1.00%,F,T)



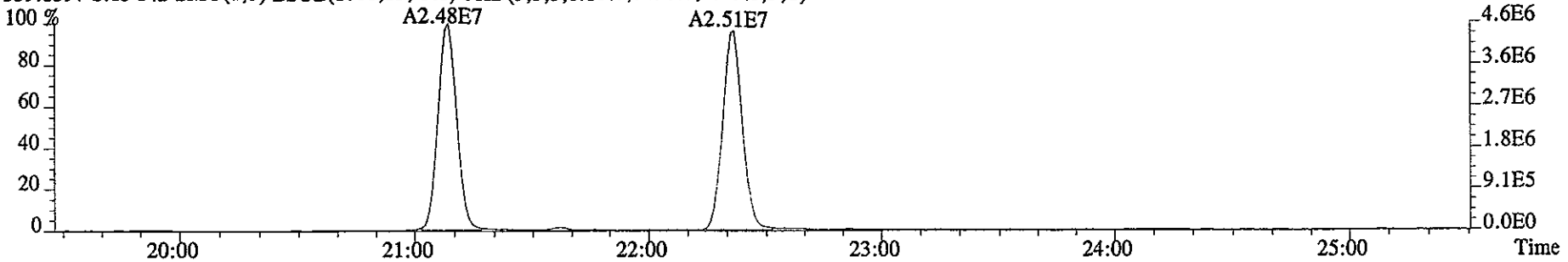
331.9368 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15100.0,1.00%,F,T)



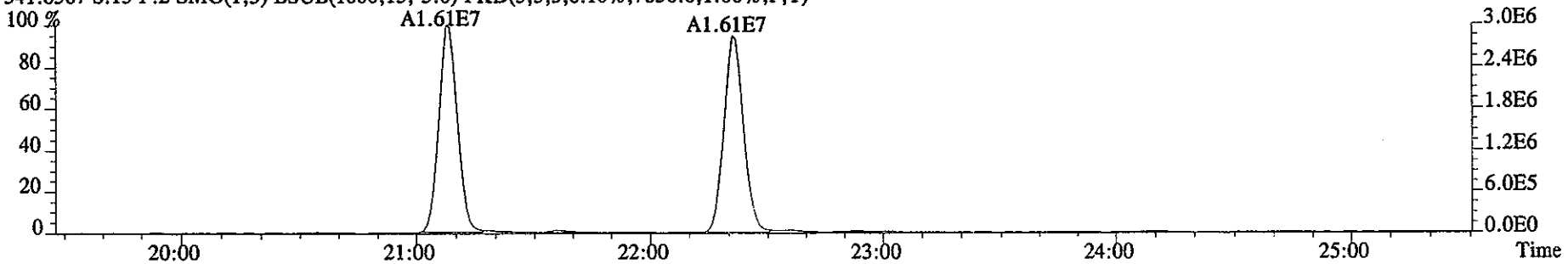
333.9339 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11032.0,1.00%,F,T)



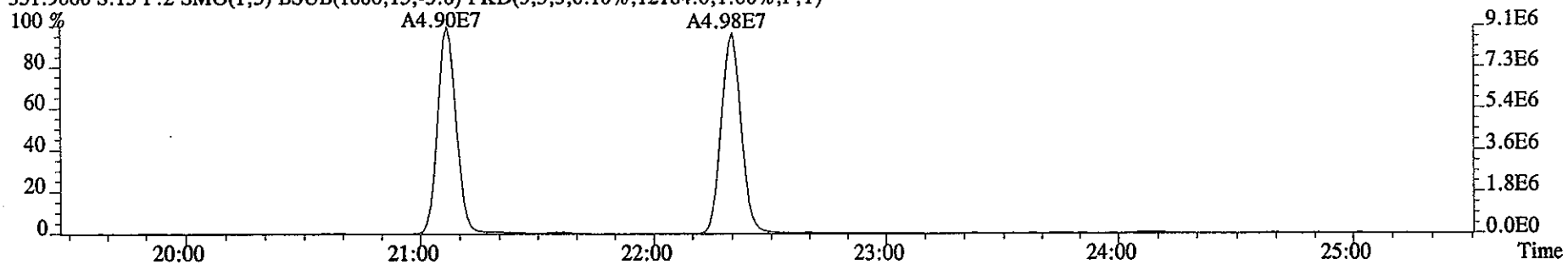
File:10JA061D5 #1-426 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
339.8597 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7420.0,1.00%,F,T)



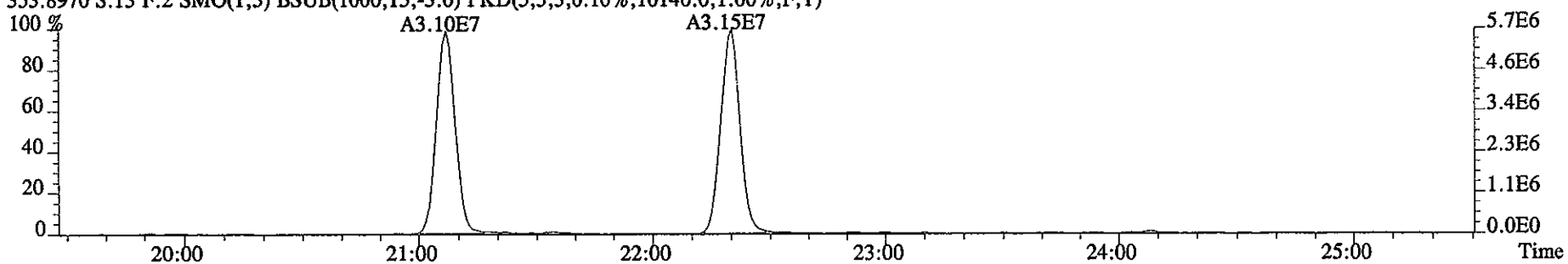
341.8567 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7856.0,1.00%,F,T)



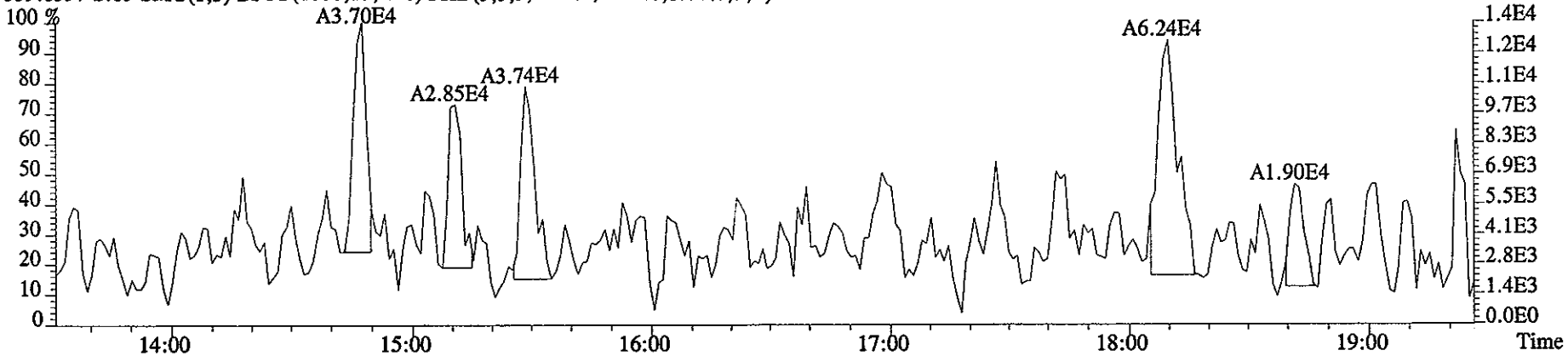
351.9000 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12184.0,1.00%,F,T)



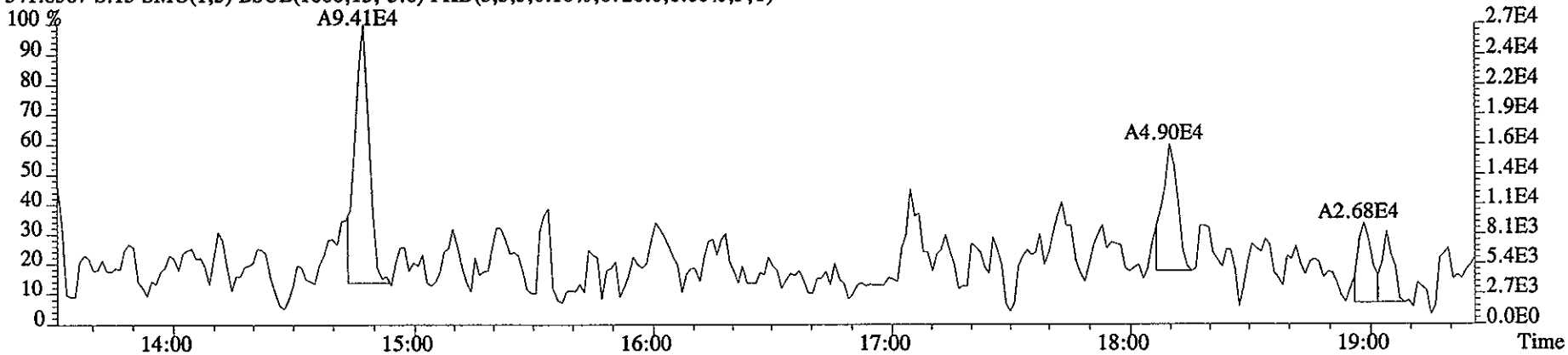
353.8970 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10140.0,1.00%,F,T)



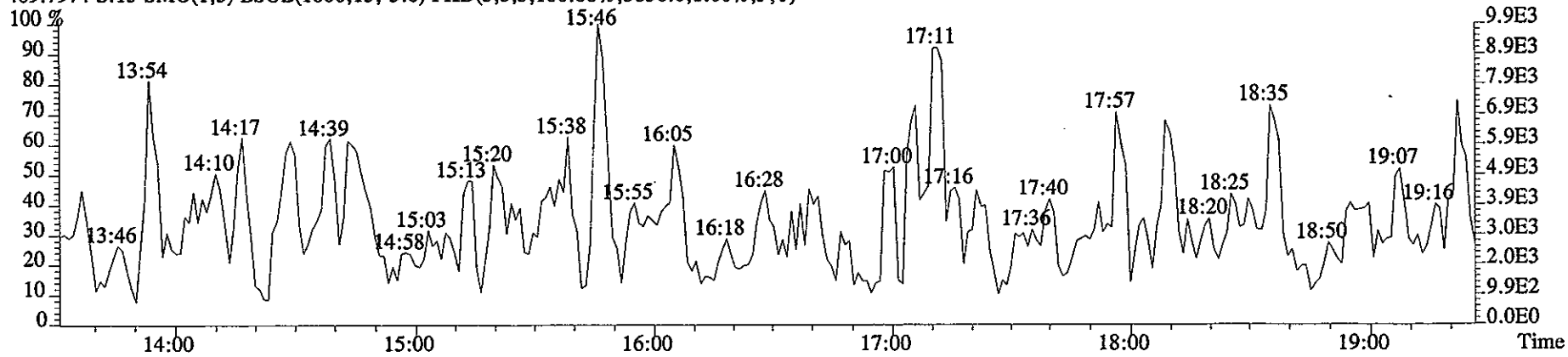
File:10JA061D5 #1-322 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
339.8597 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4648.0,1.00%,F,T)



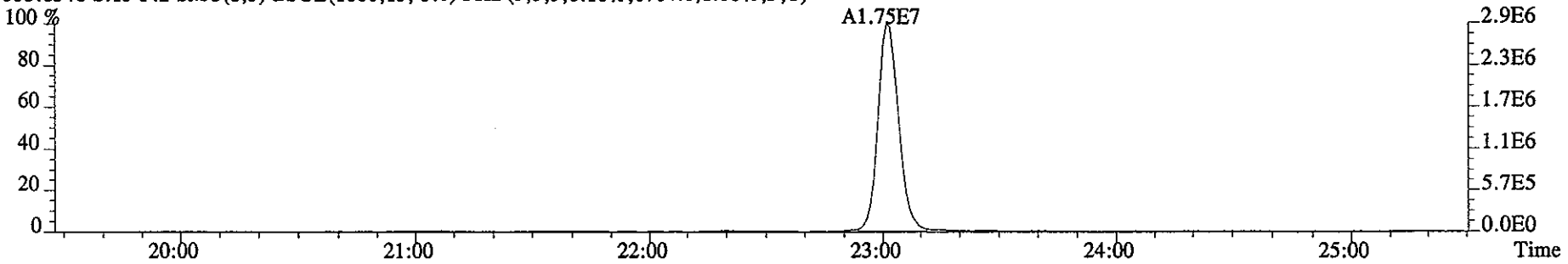
341.8567 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6720.0,1.00%,F,T)



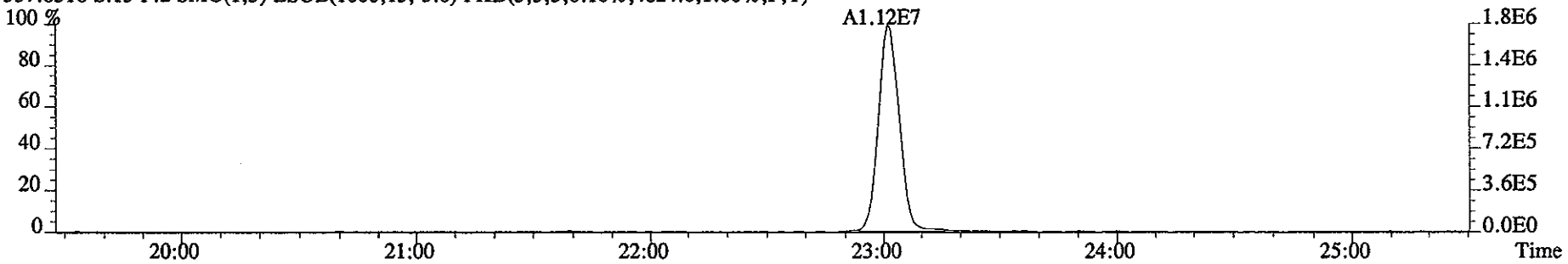
409.7974 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3856.0,1.00%,F,T)



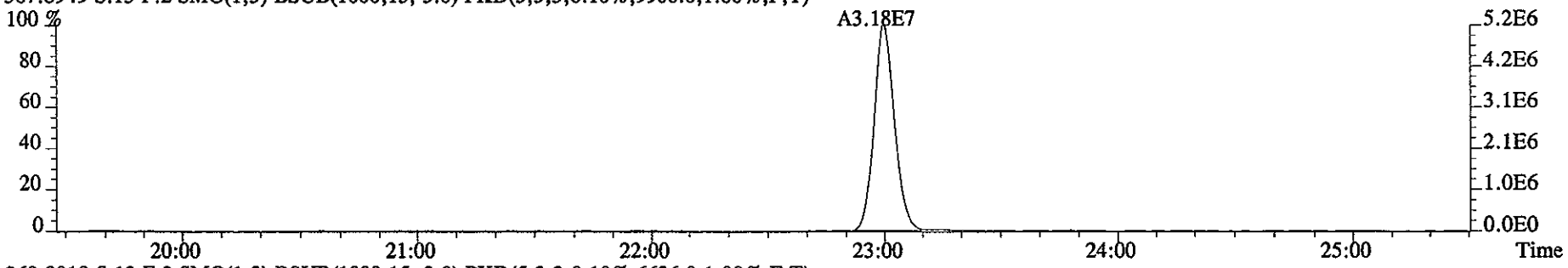
File:10JA061D5 #1-426 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
355.8546 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6764.0,1.00%,F,T)



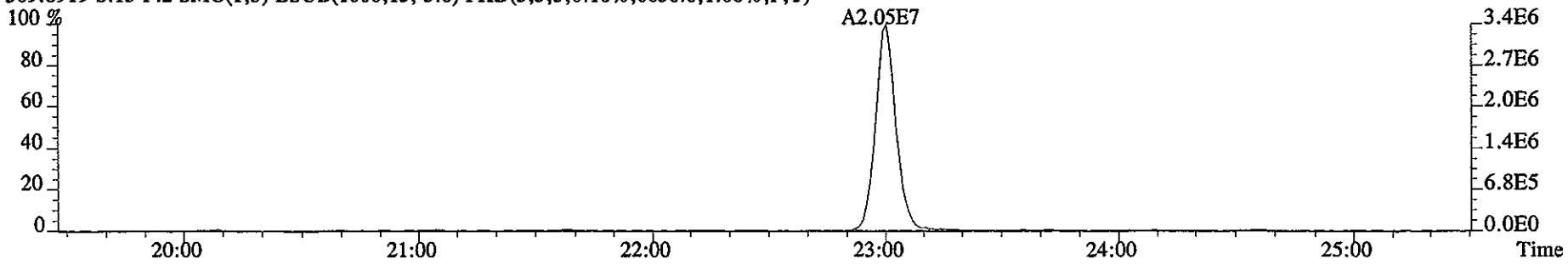
357.8516 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4824.0,1.00%,F,T)



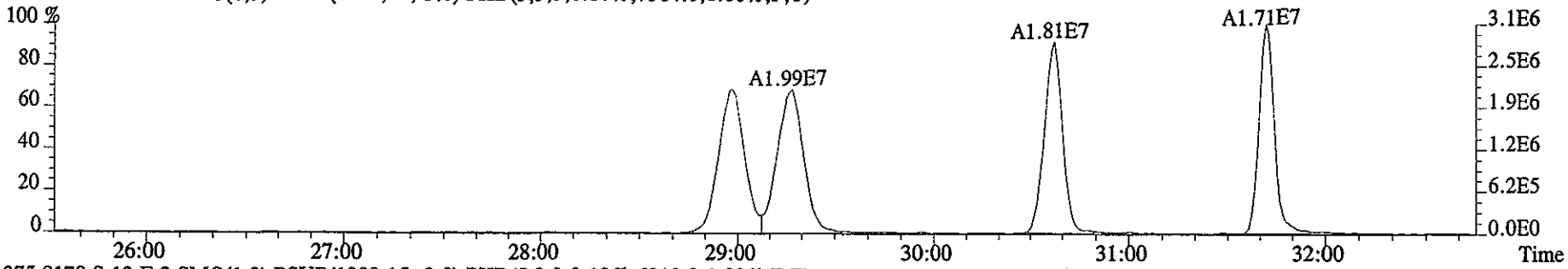
367.8949 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9900.0,1.00%,F,T)



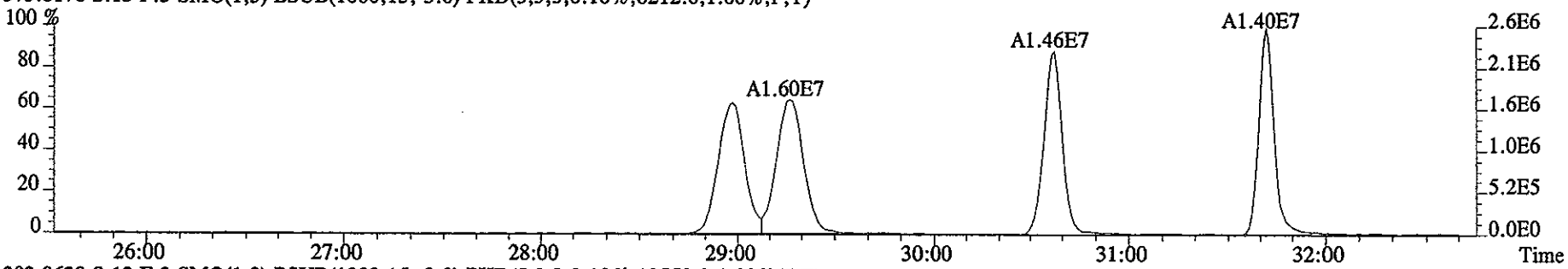
369.8919 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6636.0,1.00%,F,T)



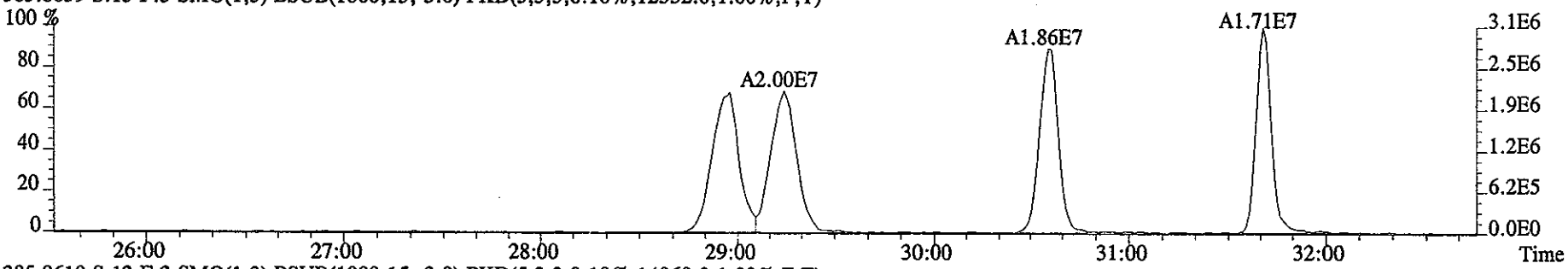
File:10JA061D5 #1-486 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
373.8208 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7564.0,1.00%,F,T)



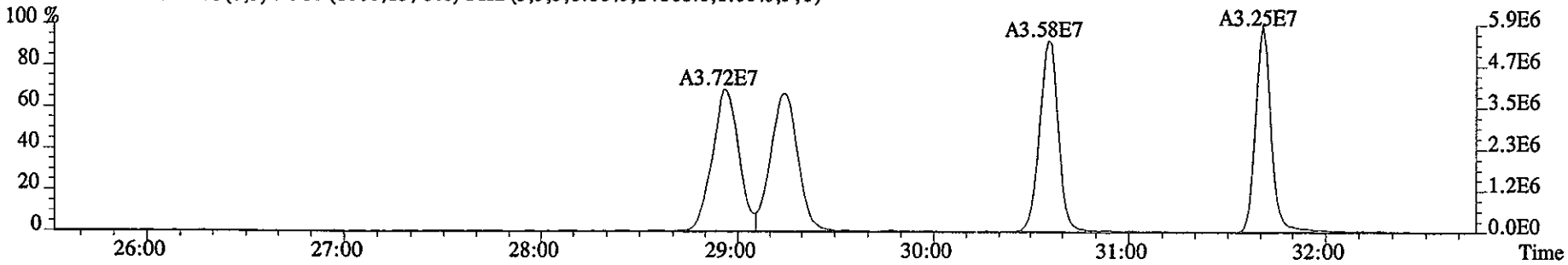
375.8178 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6212.0,1.00%,F,T)



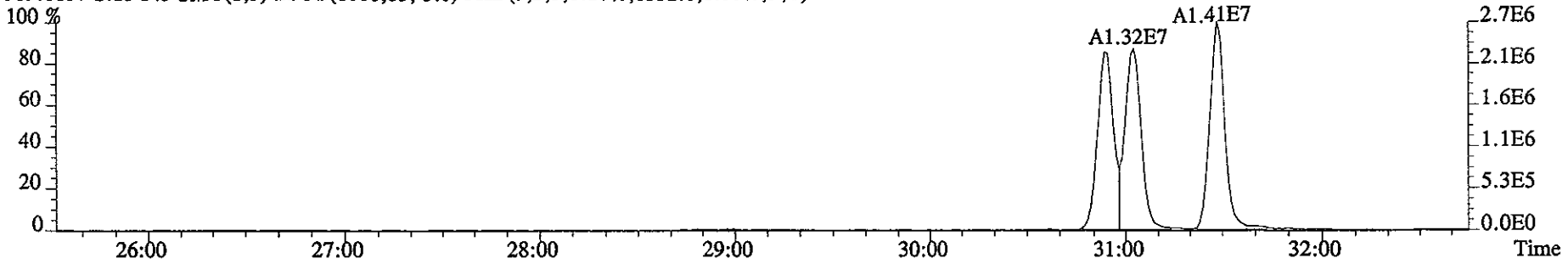
383.8639 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12552.0,1.00%,F,T)



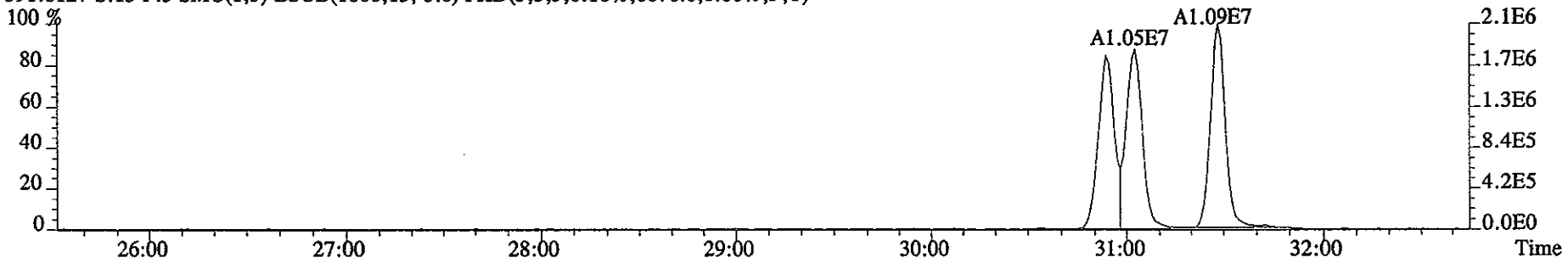
385.8610 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14868.0,1.00%,F,T)



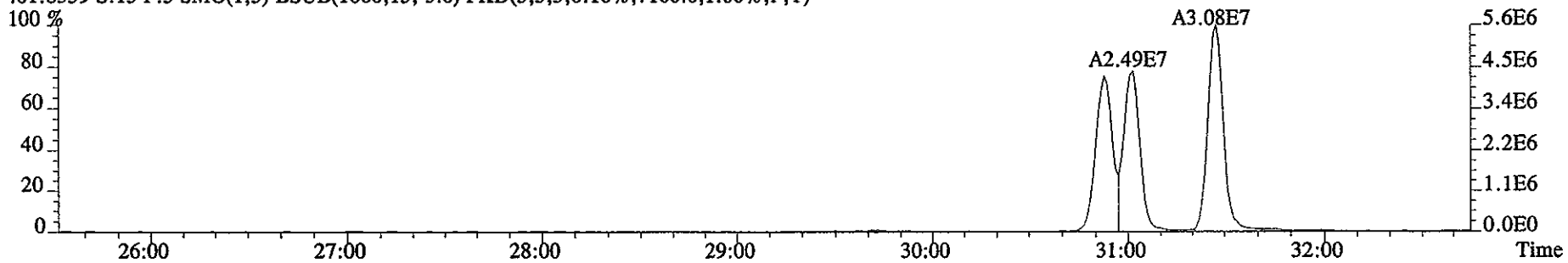
File:10JA061D5 #1-486 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
389.8157 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6532.0,1.00%,F,T)



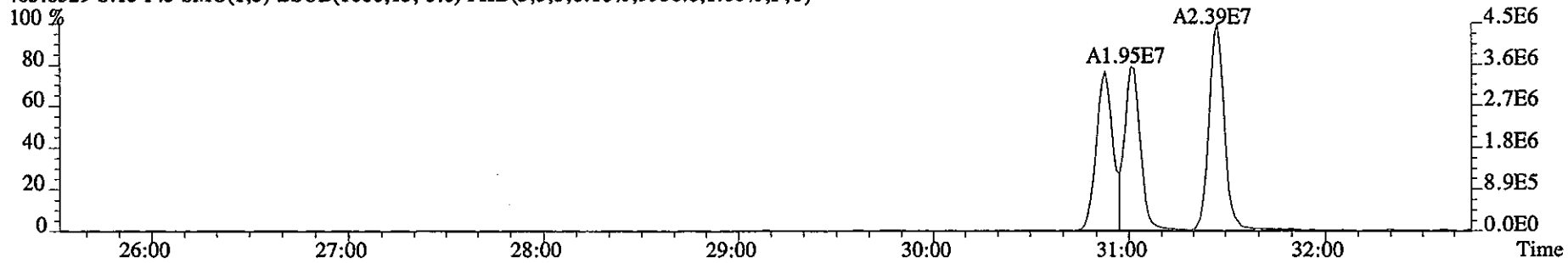
391.8127 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6676.0,1.00%,F,T)



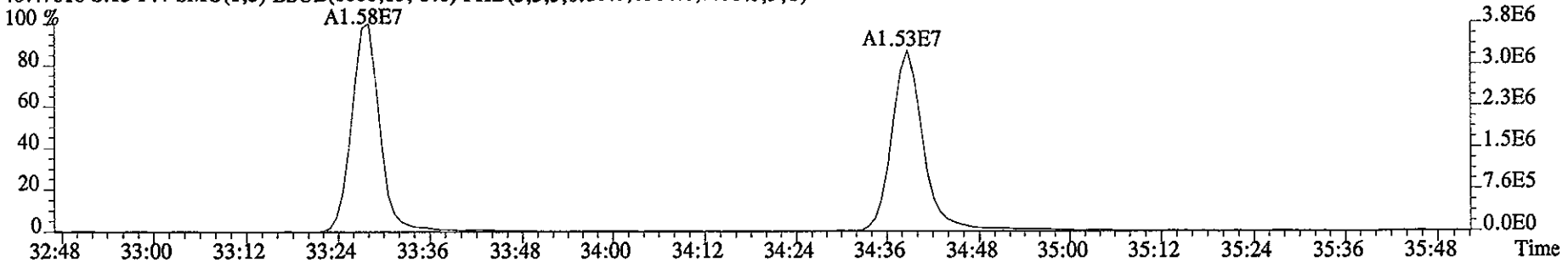
401.8559 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7100.0,1.00%,F,T)



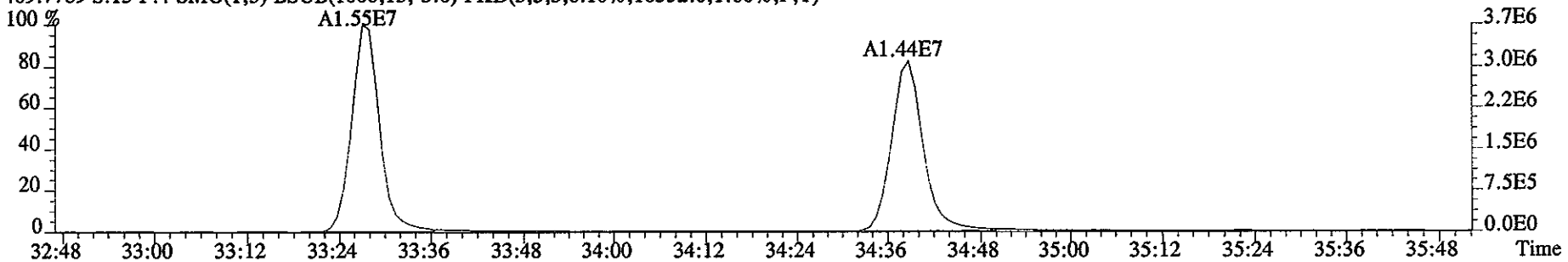
403.8529 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9936.0,1.00%,F,T)



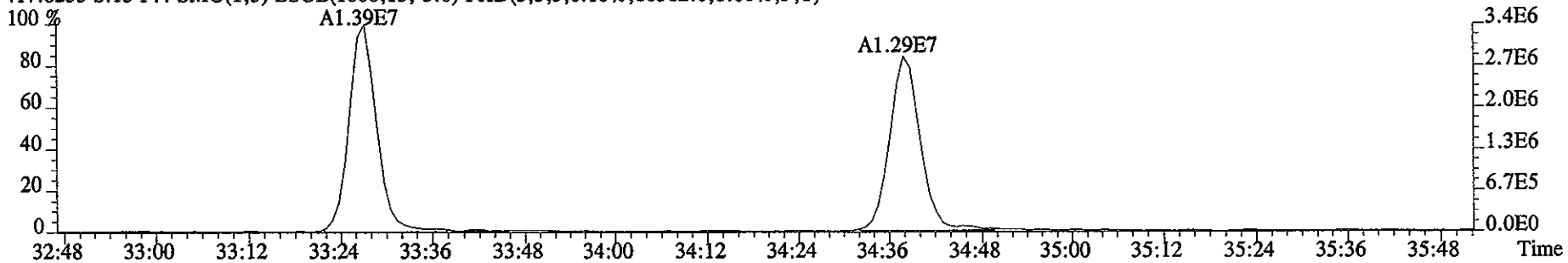
File:10JA061D5 #1-218 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
407.7818 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6384.0,1.00%,F,T)



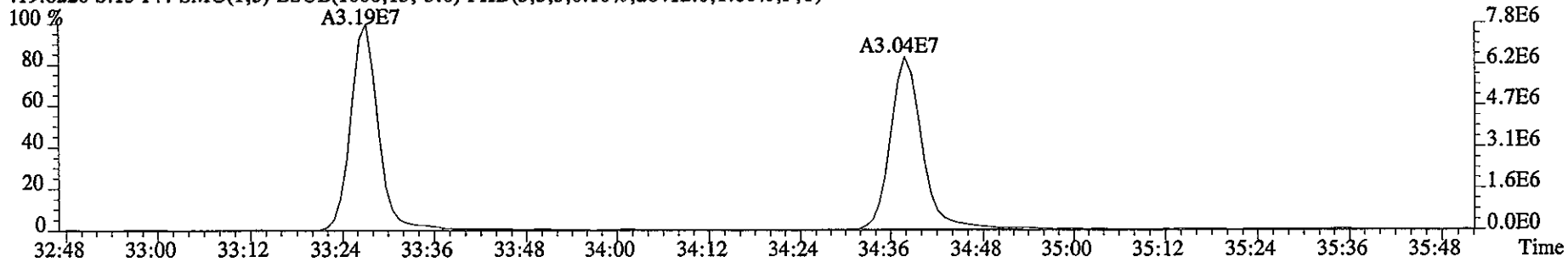
409.7789 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10332.0,1.00%,F,T)



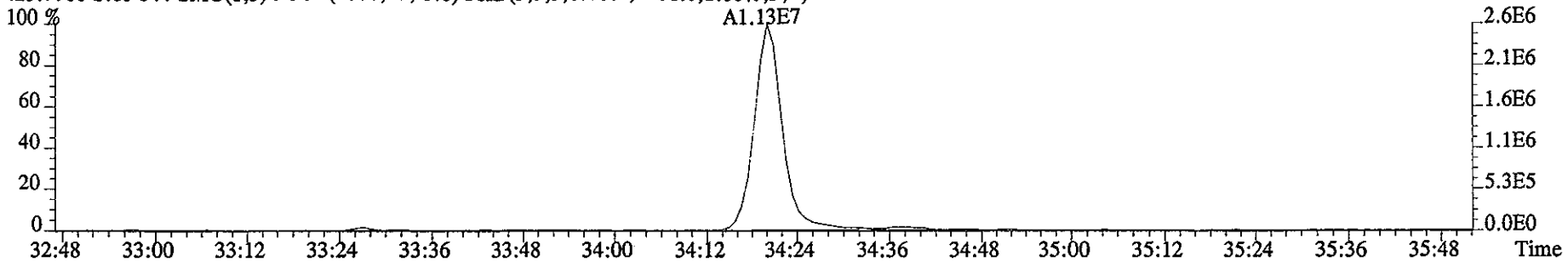
417.8253 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16512.0,1.00%,F,T)



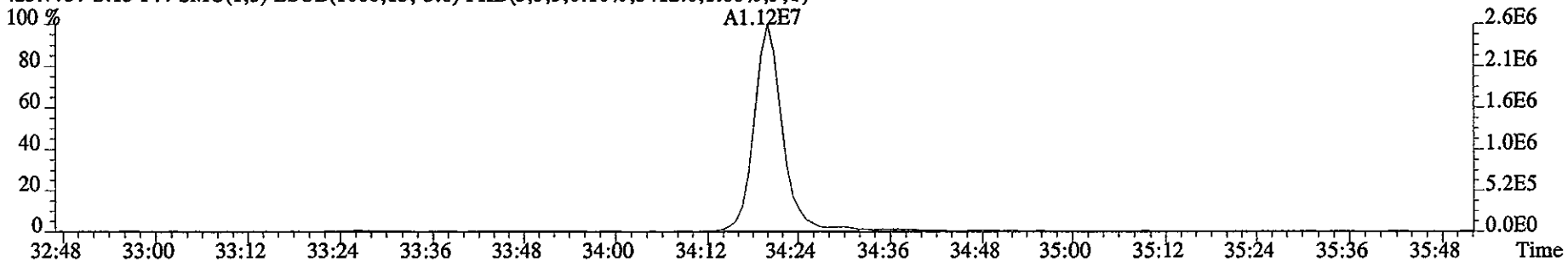
419.8220 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,26412.0,1.00%,F,T)



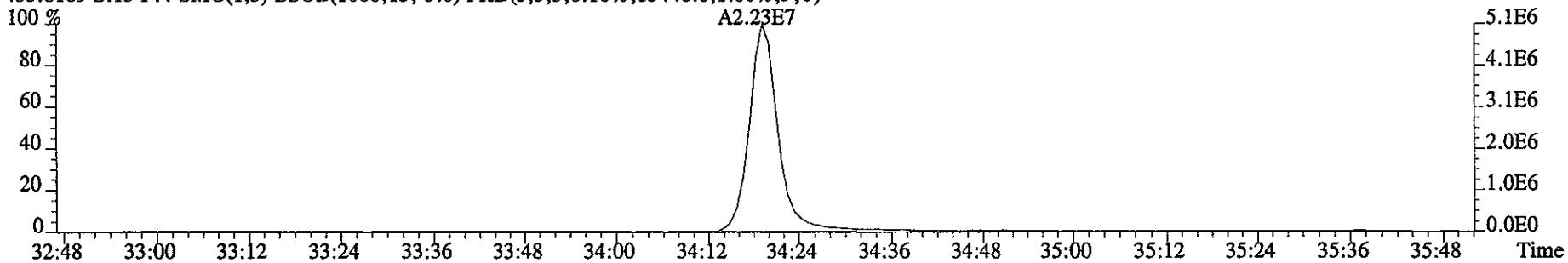
File:10JA061D5 #1-218 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
423.7766 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7868.0,1.00%,F,T)



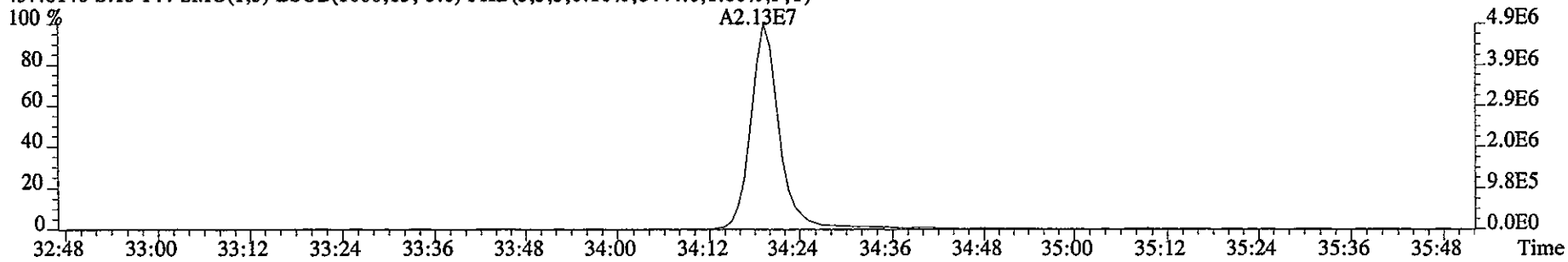
425.7737 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5412.0,1.00%,F,T)



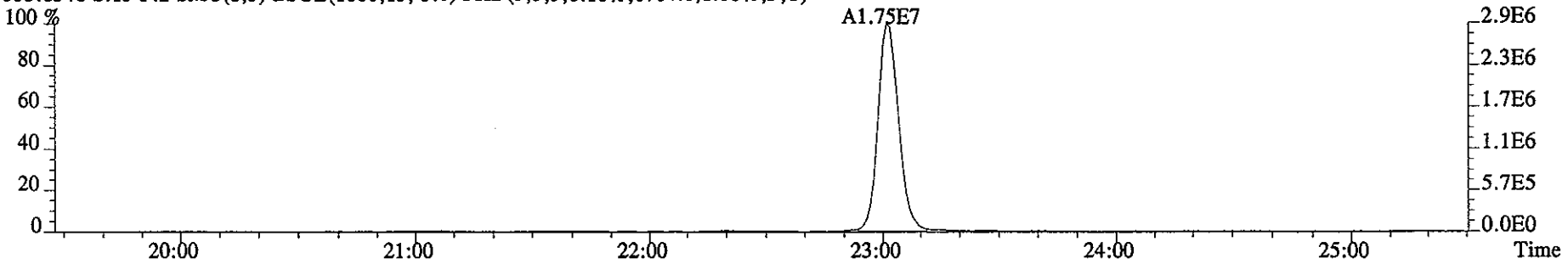
435.8169 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15448.0,1.00%,F,T)



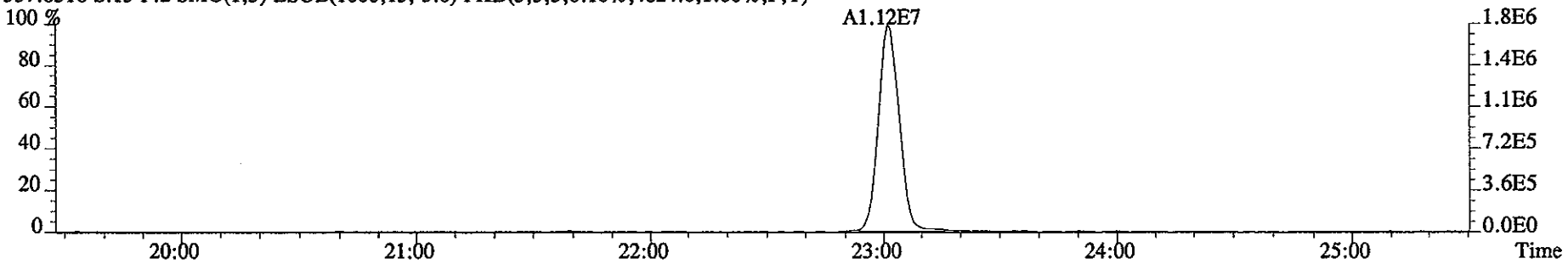
437.8140 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8444.0,1.00%,F,T)



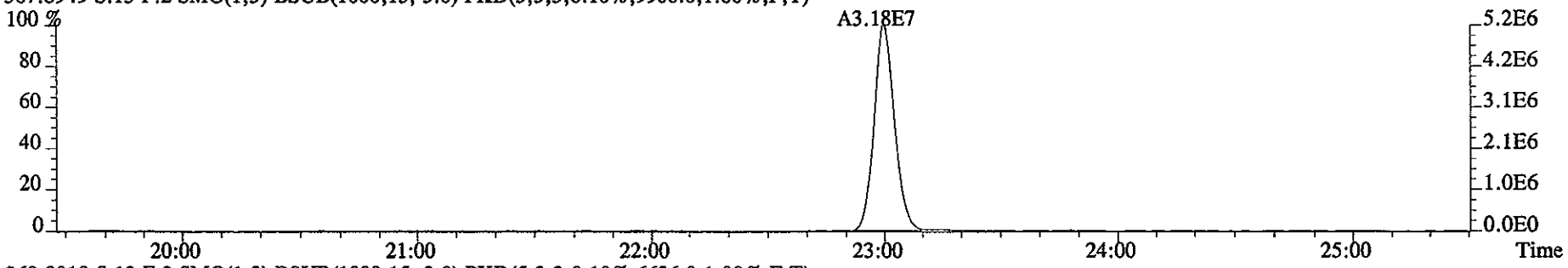
File:10JA061D5 #1-426 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
355.8546 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6764.0,1.00%,F,T)



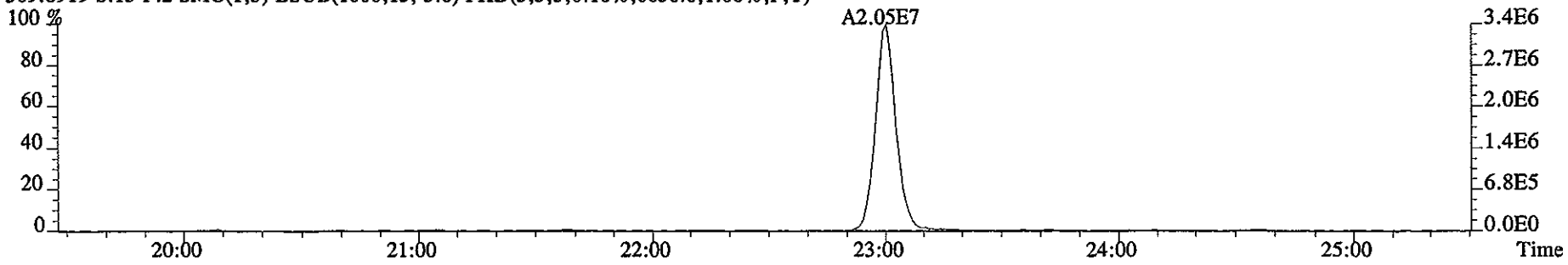
357.8516 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4824.0,1.00%,F,T)



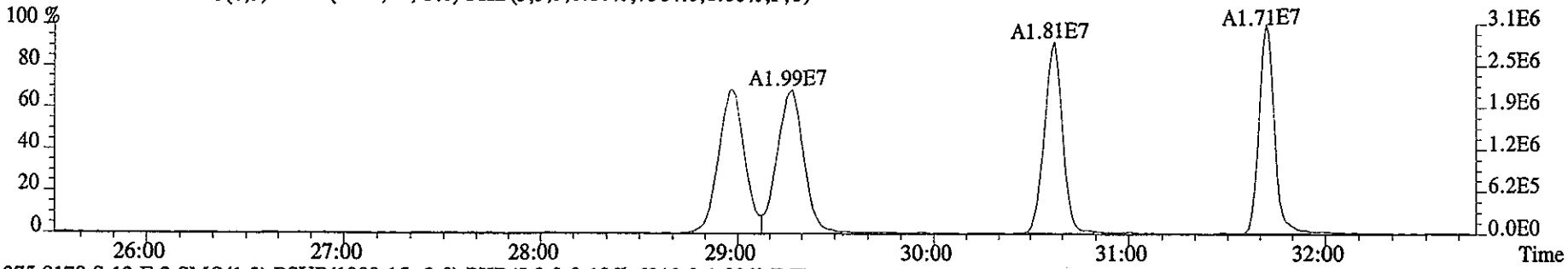
367.8949 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9900.0,1.00%,F,T)



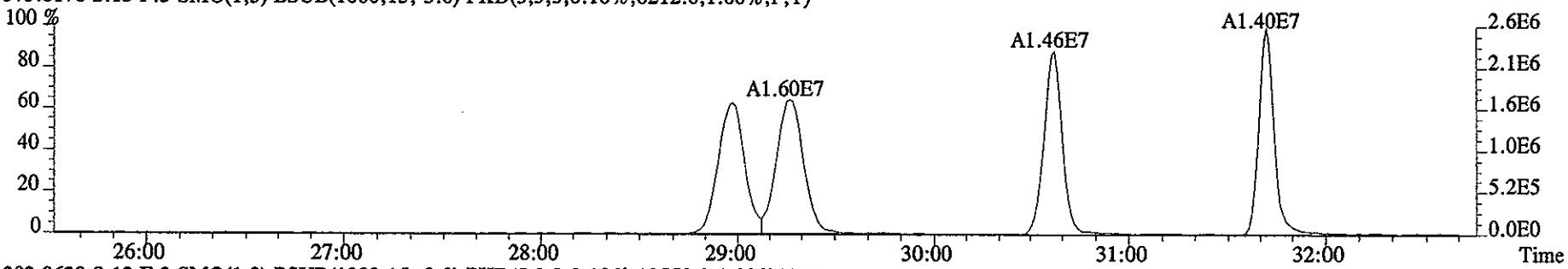
369.8919 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6636.0,1.00%,F,T)



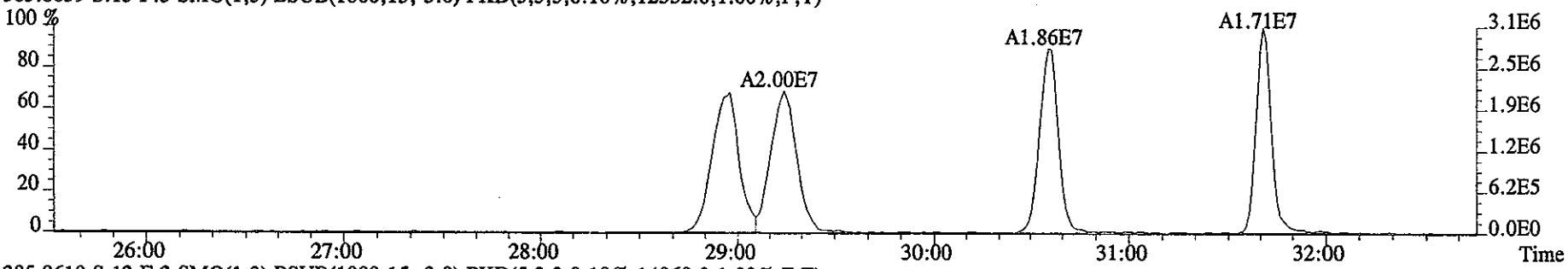
File:10JA061D5 #1-486 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
373.8208 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7564.0,1.00%,F,T)



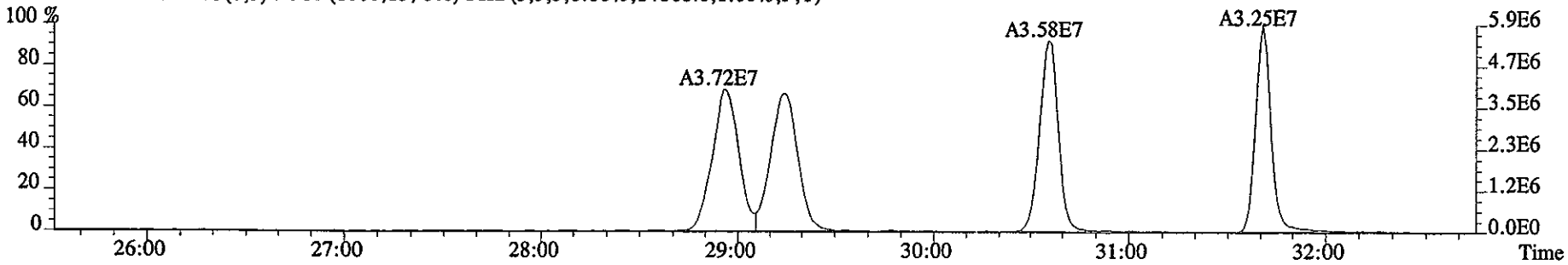
375.8178 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6212.0,1.00%,F,T)



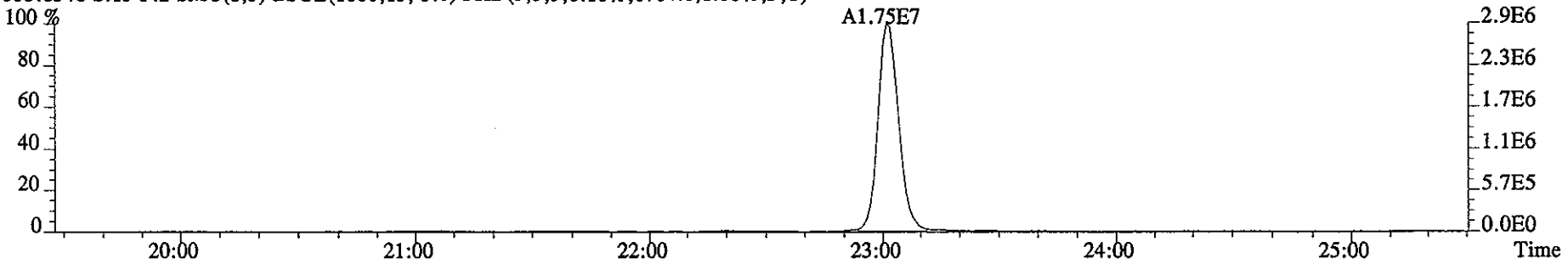
383.8639 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12552.0,1.00%,F,T)



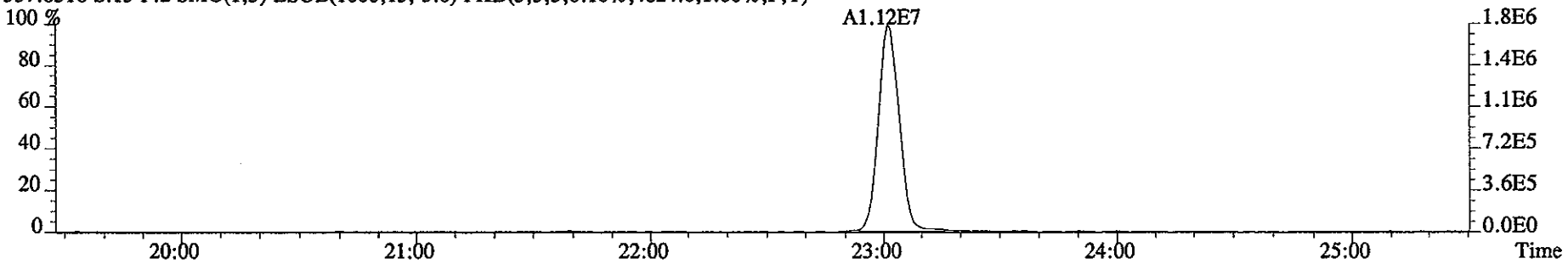
385.8610 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14868.0,1.00%,F,T)



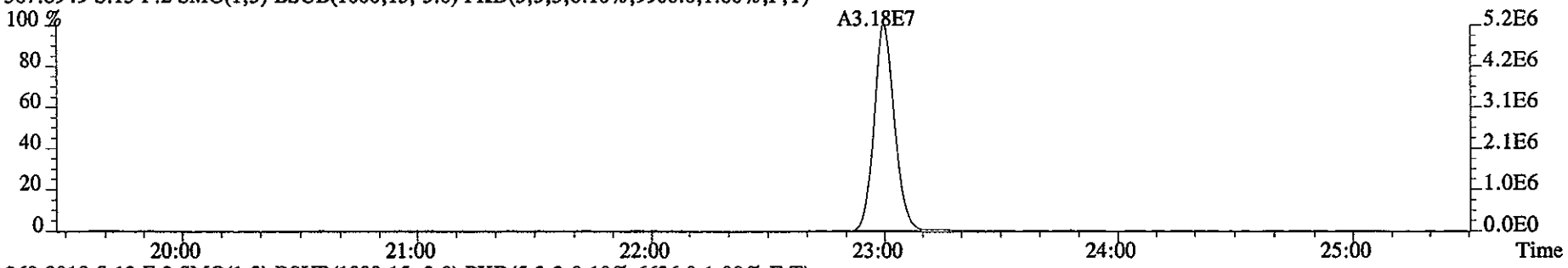
File:10JA061D5 #1-426 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
355.8546 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6764.0,1.00%,F,T)



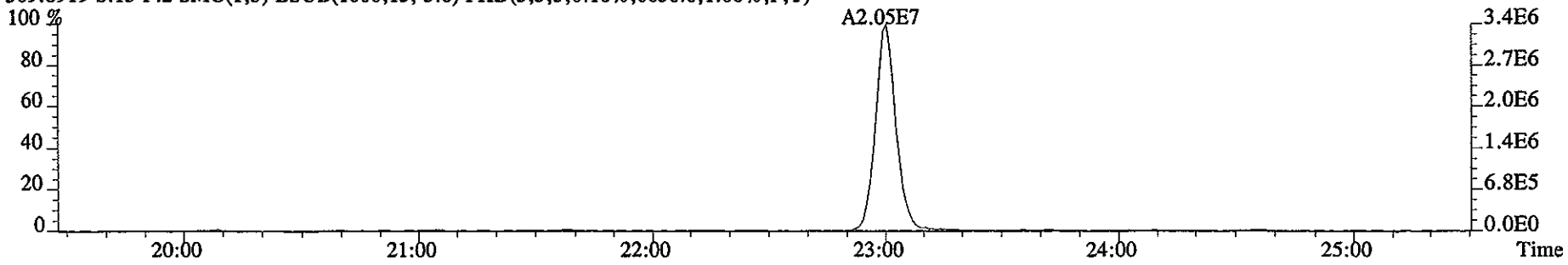
357.8516 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4824.0,1.00%,F,T)



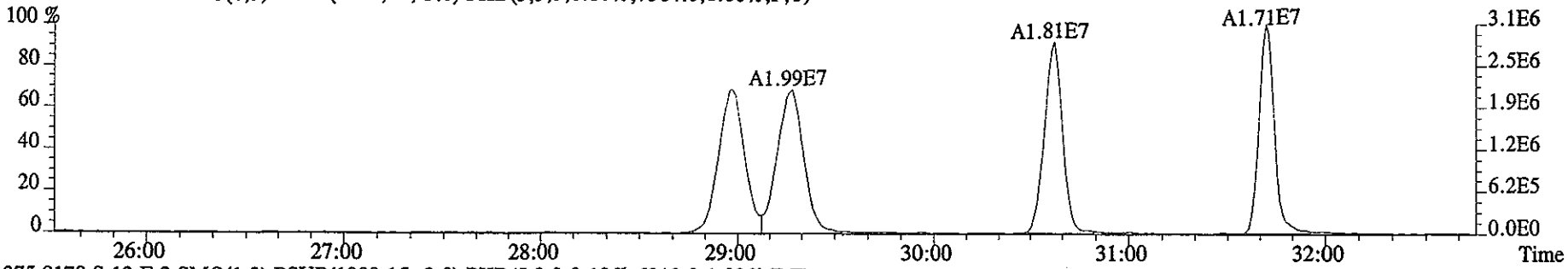
367.8949 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9900.0,1.00%,F,T)



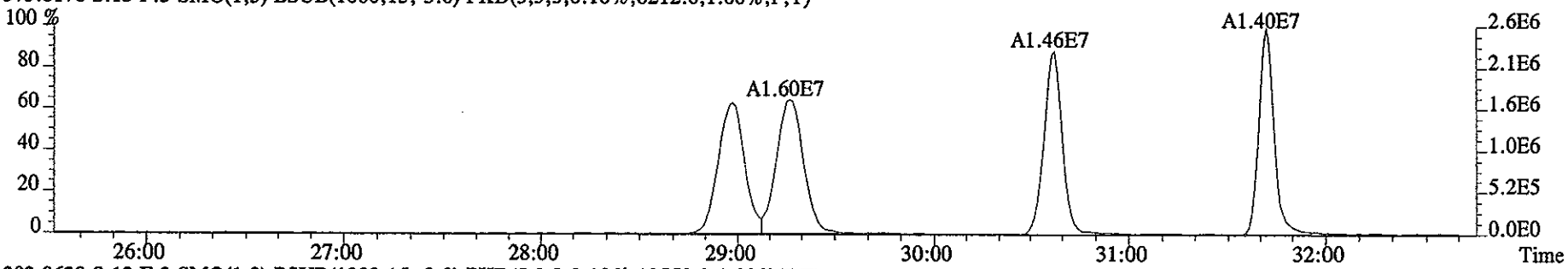
369.8919 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6636.0,1.00%,F,T)



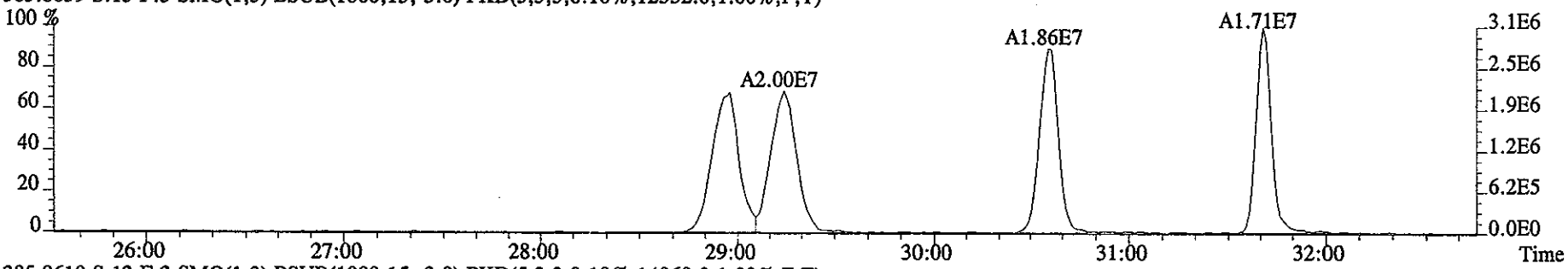
File:10JA061D5 #1-486 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
373.8208 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7564.0,1.00%,F,T)



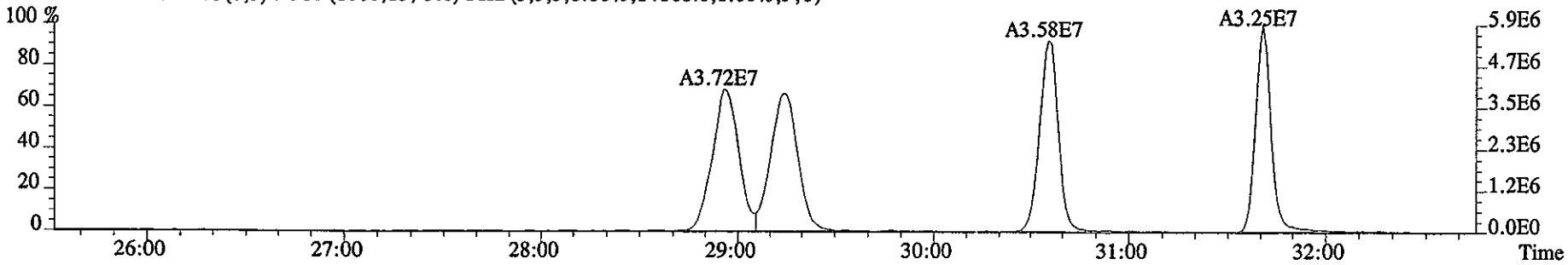
375.8178 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6212.0,1.00%,F,T)



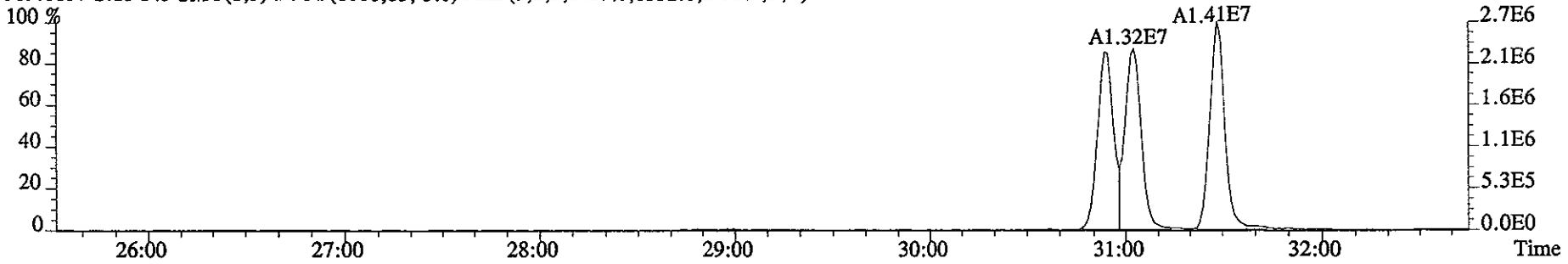
383.8639 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12552.0,1.00%,F,T)



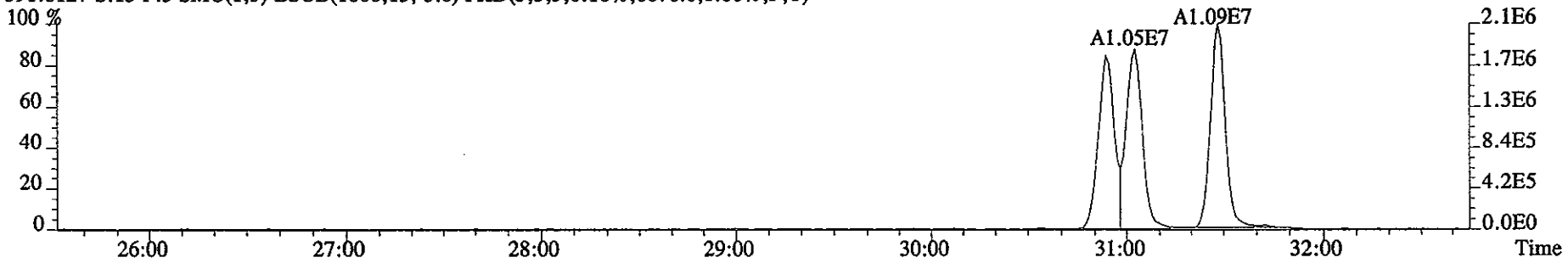
385.8610 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14868.0,1.00%,F,T)



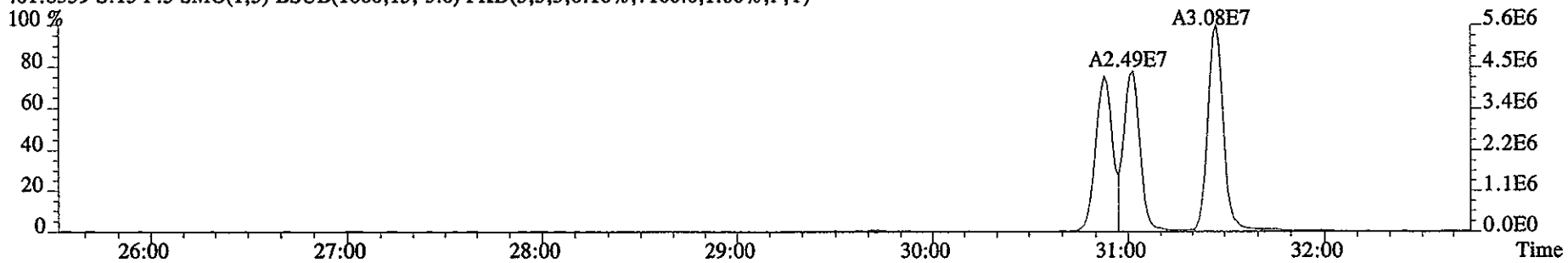
File:10JA061D5 #1-486 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
389.8157 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6532.0,1.00%,F,T)



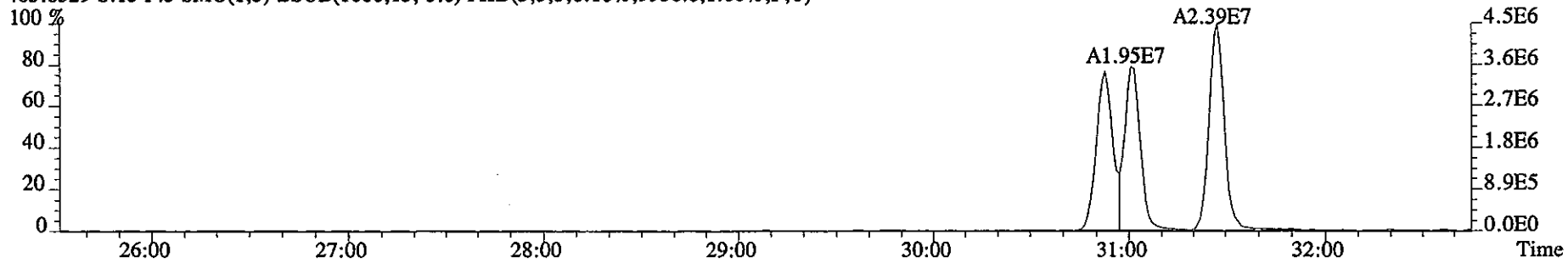
391.8127 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6676.0,1.00%,F,T)



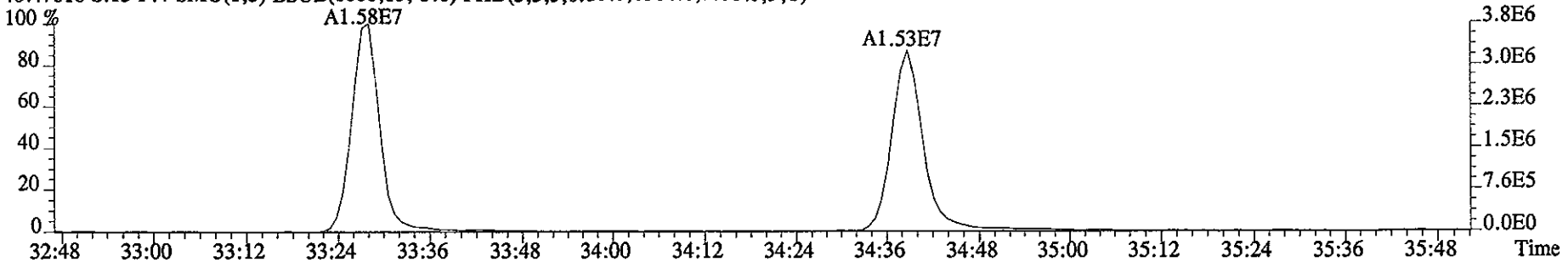
401.8559 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7100.0,1.00%,F,T)



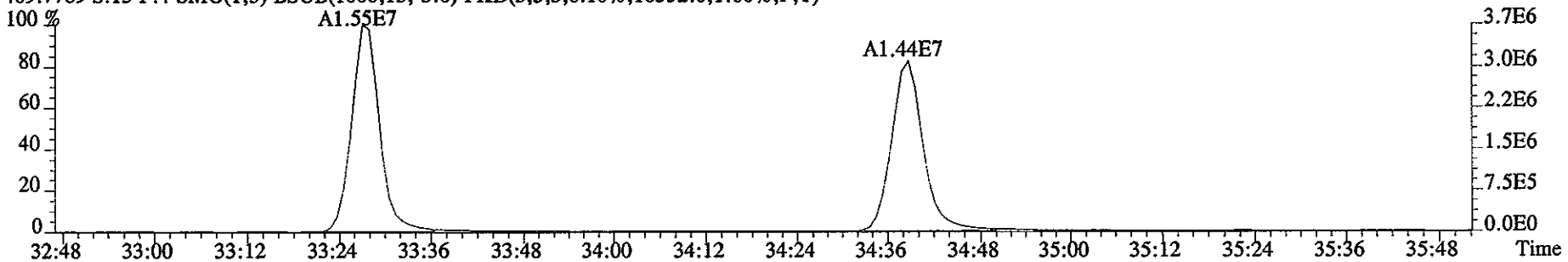
403.8529 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9936.0,1.00%,F,T)



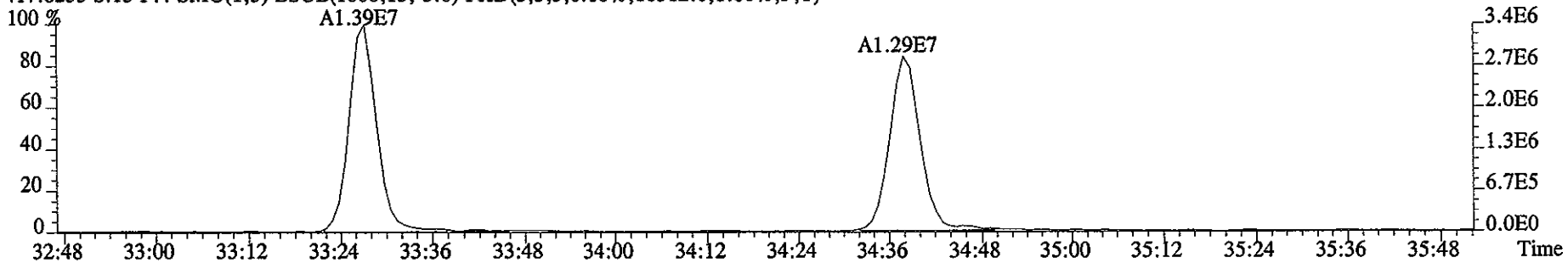
File:10JA061D5 #1-218 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
407.7818 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6384.0,1.00%,F,T)



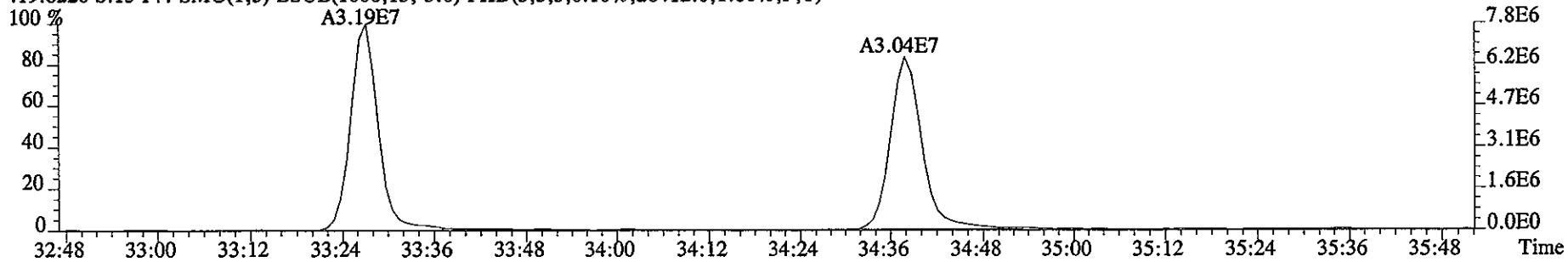
409.7789 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10332.0,1.00%,F,T)



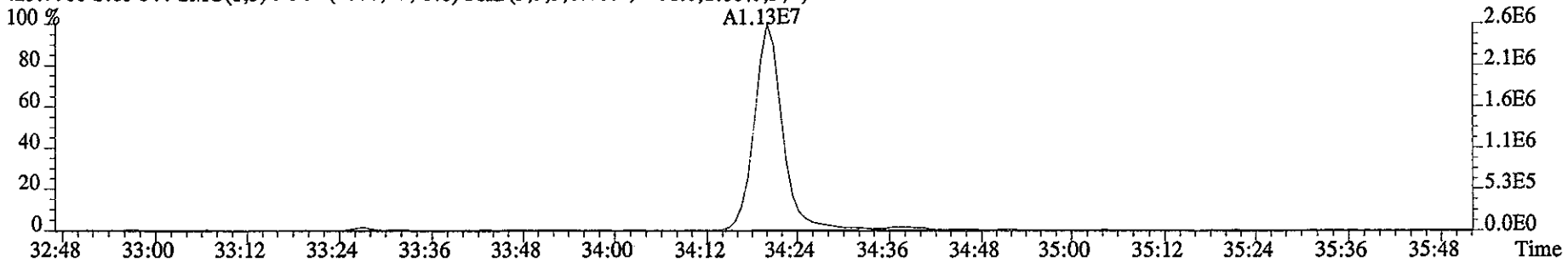
417.8253 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16512.0,1.00%,F,T)



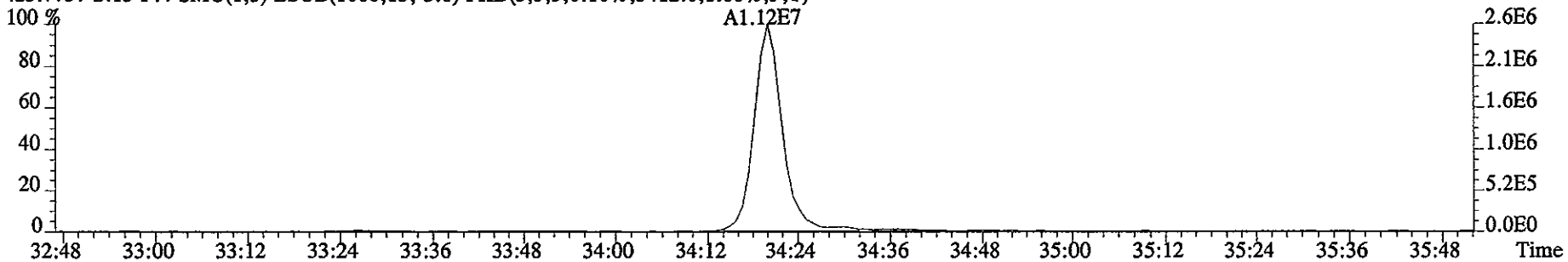
419.8220 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,26412.0,1.00%,F,T)



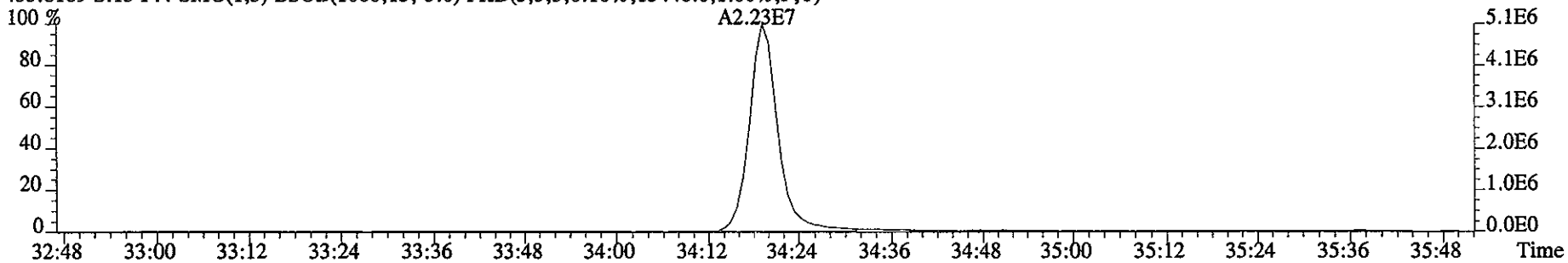
File:10JA061D5 #1-218 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
423.7766 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7868.0,1.00%,F,T)



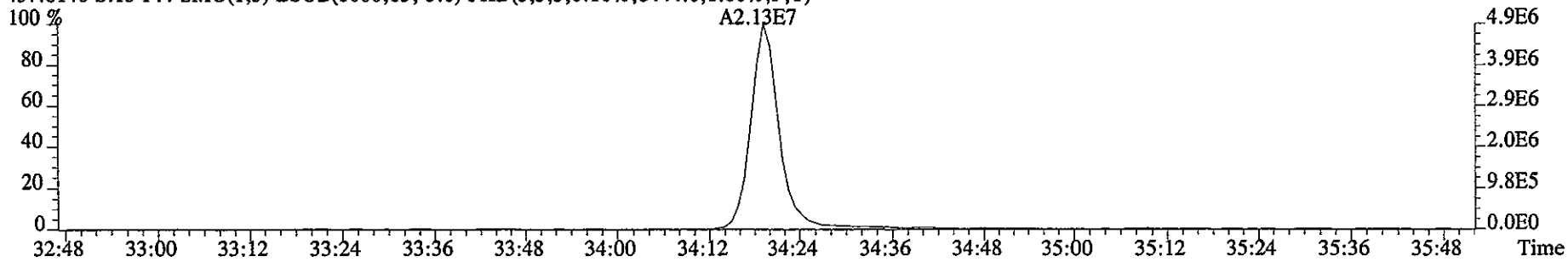
425.7737 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5412.0,1.00%,F,T)



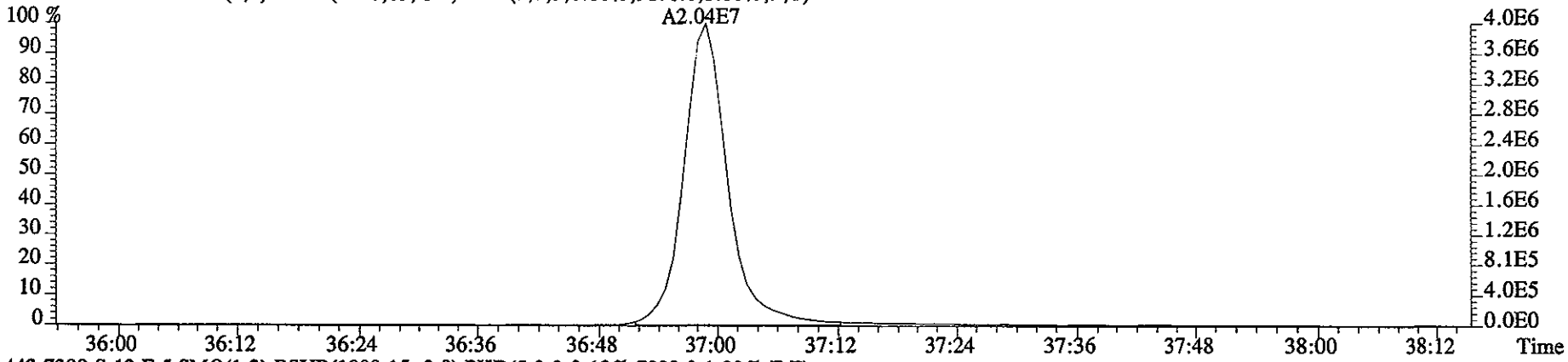
435.8169 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15448.0,1.00%,F,T)



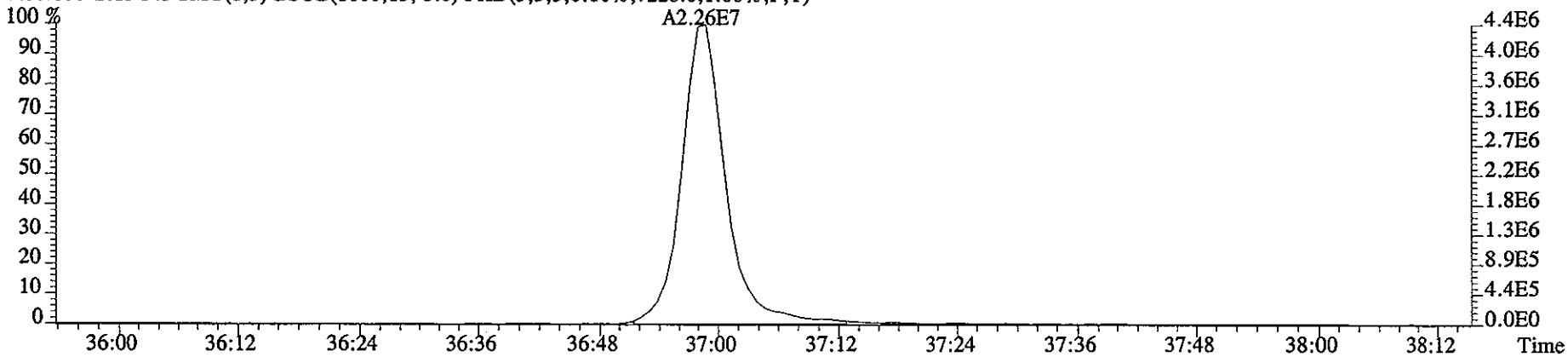
437.8140 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8444.0,1.00%,F,T)



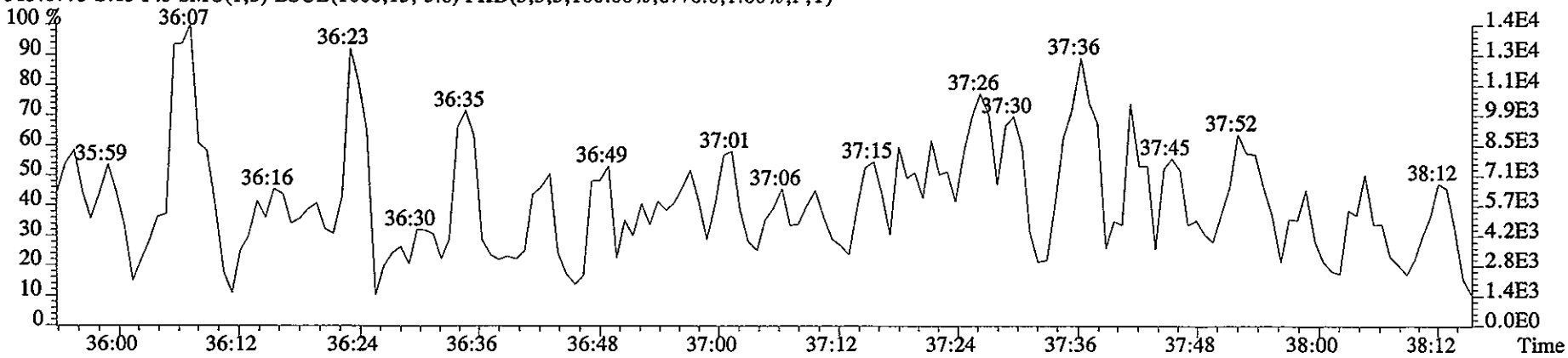
File:10JA061D5 #1-171 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
441.7428 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9176.0,1.00%,F,T)



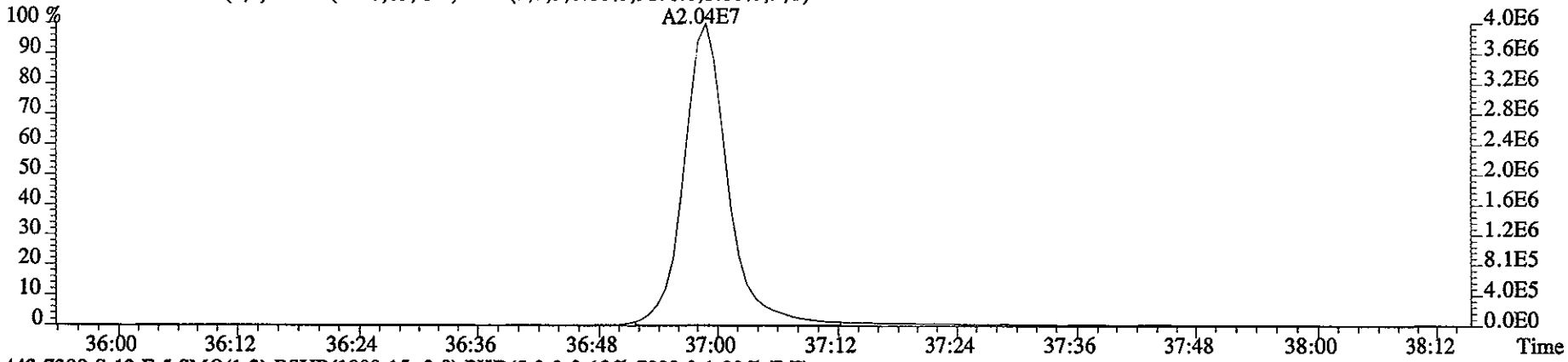
443.7399 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7228.0,1.00%,F,T)



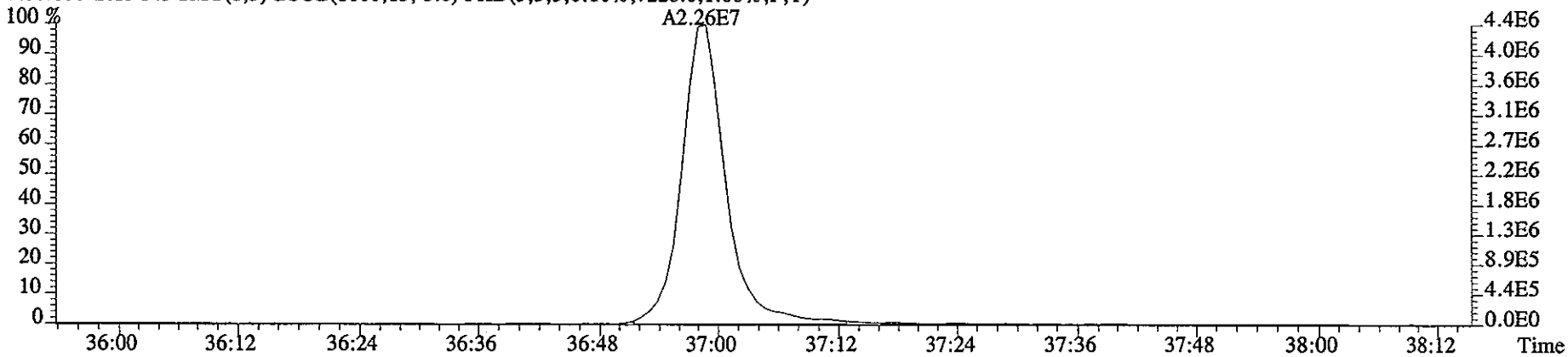
513.6775 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,6776.0,1.00%,F,T)



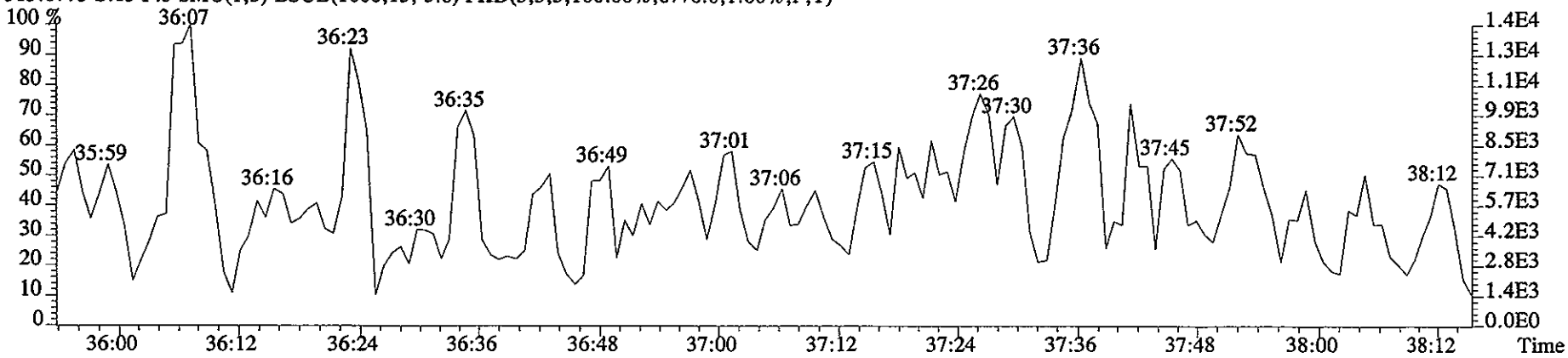
File:10JA061D5 #1-171 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
441.7428 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9176.0,1.00%,F,T)



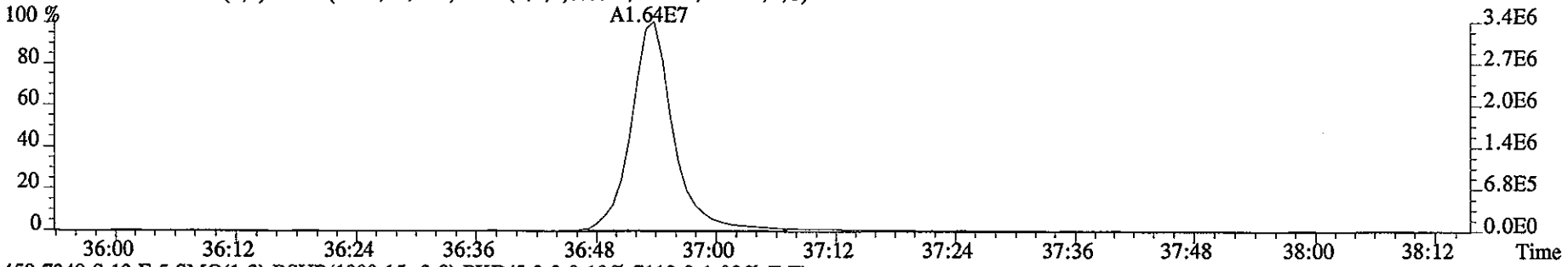
443.7399 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7228.0,1.00%,F,T)



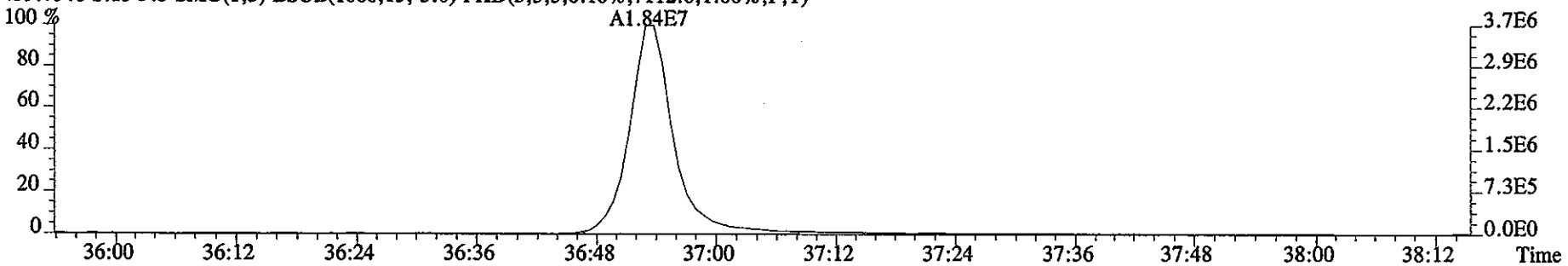
513.6775 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,6776.0,1.00%,F,T)



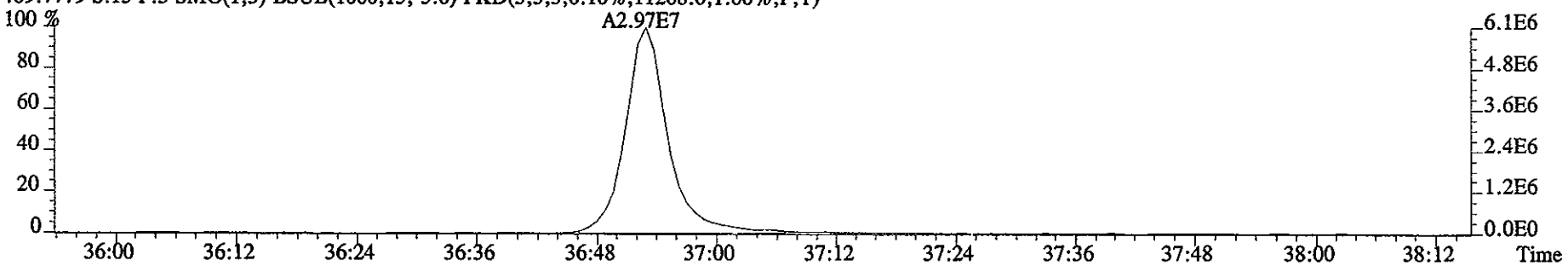
File:10JA061D5 #1-171 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
457.7377 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5424.0,1.00%,F,T)



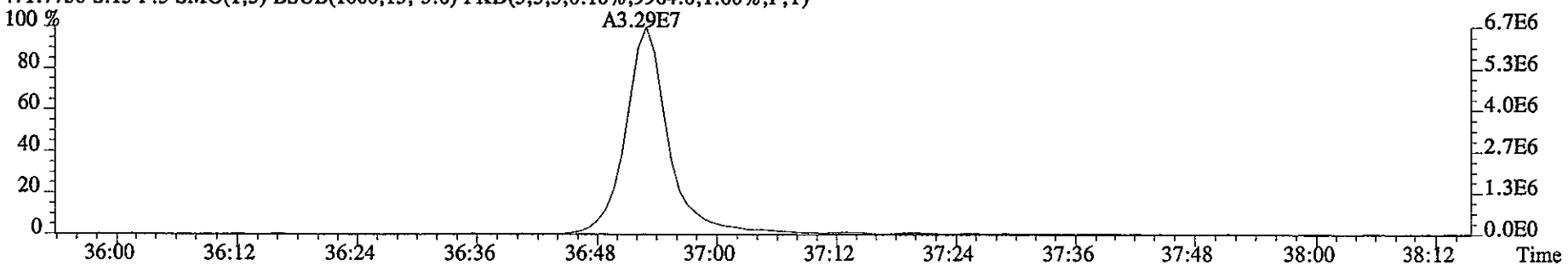
459.7348 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7112.0,1.00%,F,T)



469.7779 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11268.0,1.00%,F,T)

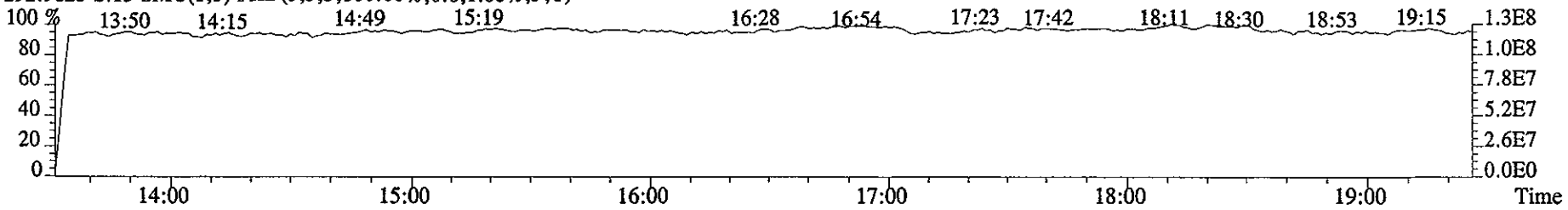


471.7750 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9964.0,1.00%,F,T)

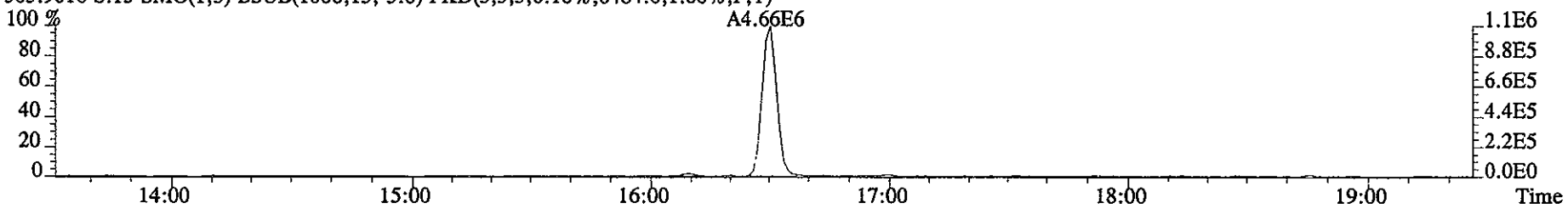


File:10JA061D5 #1-322 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN

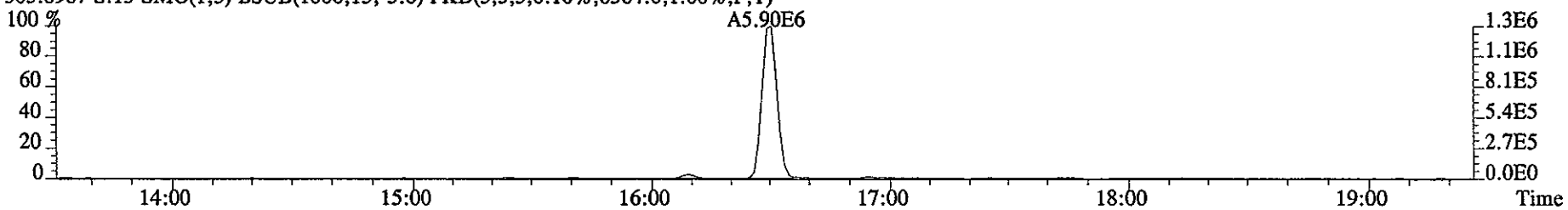
292.9825 S:13 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



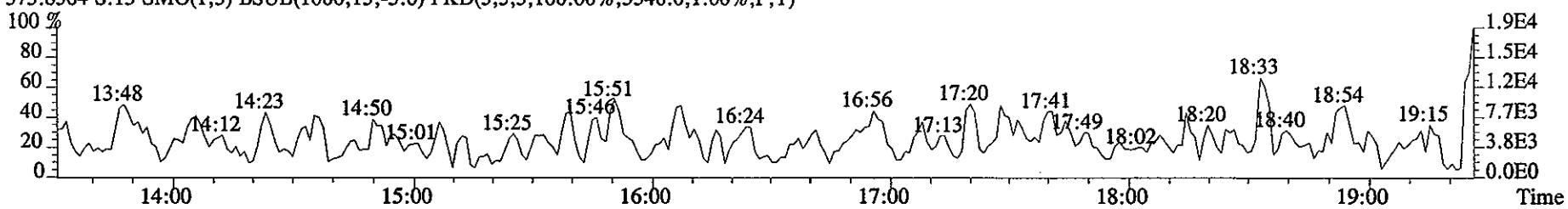
303.9016 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6484.0,1.00%,F,T)



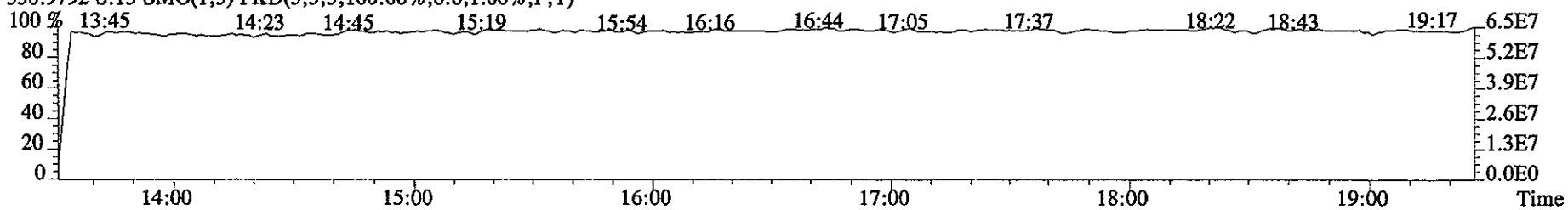
305.8987 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6364.0,1.00%,F,T)



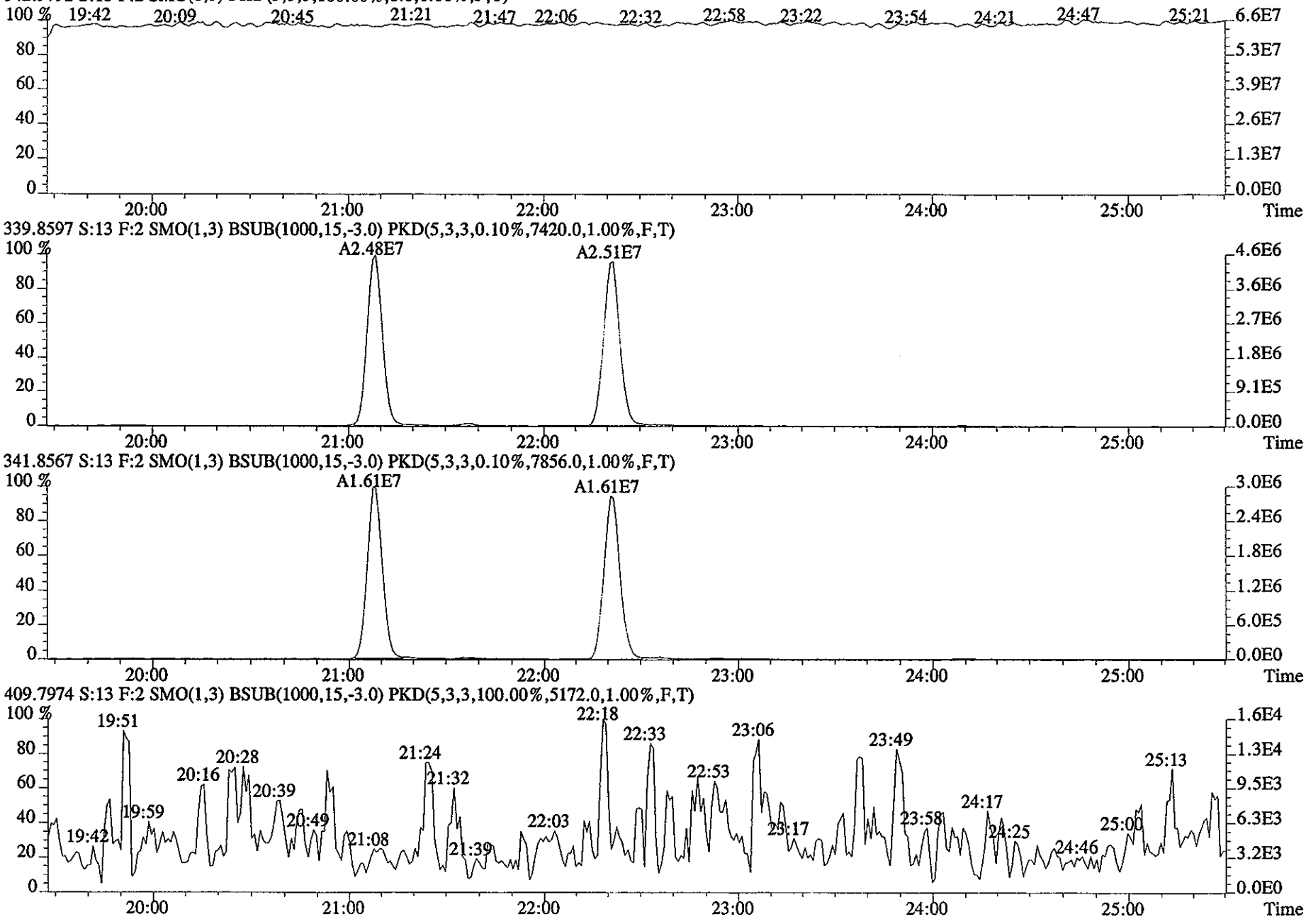
375.8364 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5548.0,1.00%,F,T)



330.9792 S:13 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

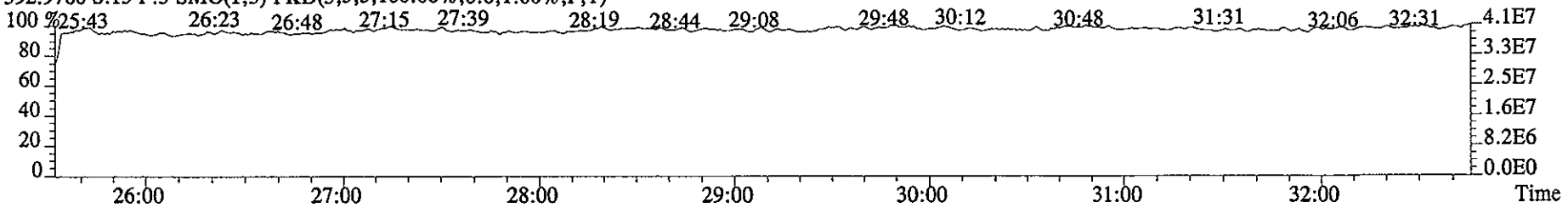


File:10JA061D5 #1-426 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN

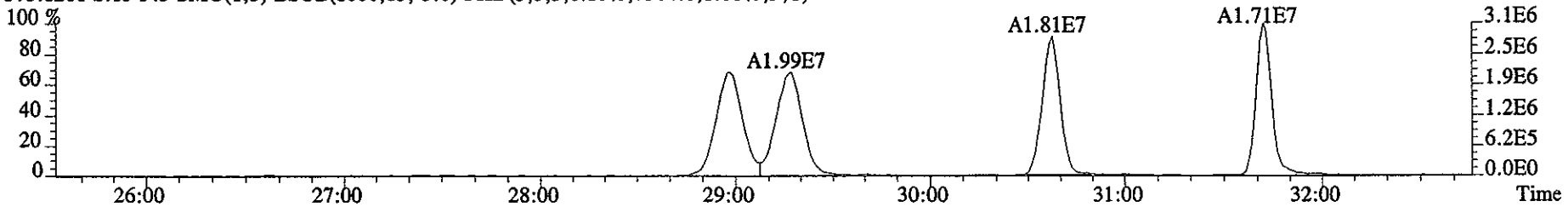


File:10JA061D5 #1-486 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN

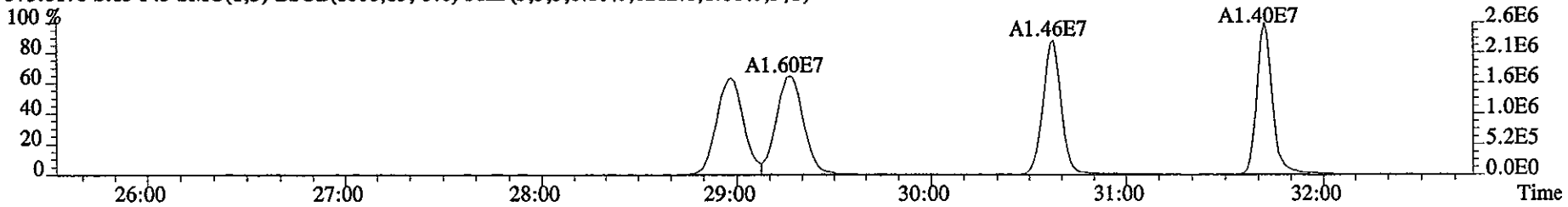
392.9760 S:13 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



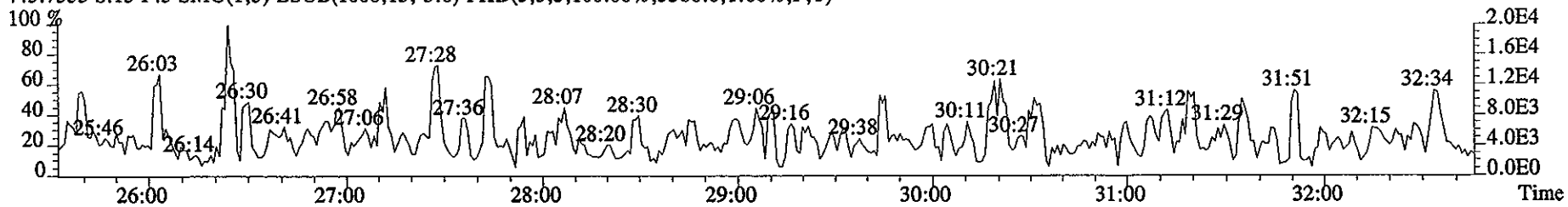
373.8208 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7564.0,1.00%,F,T)



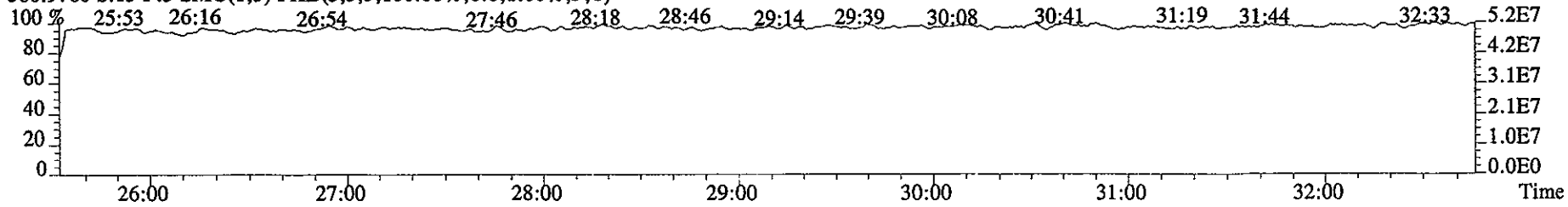
375.8178 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6212.0,1.00%,F,T)



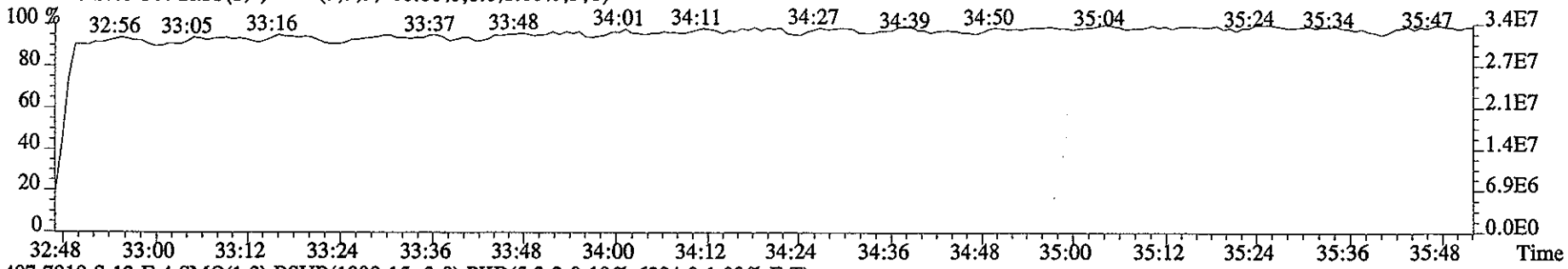
445.7555 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5588.0,1.00%,F,T)



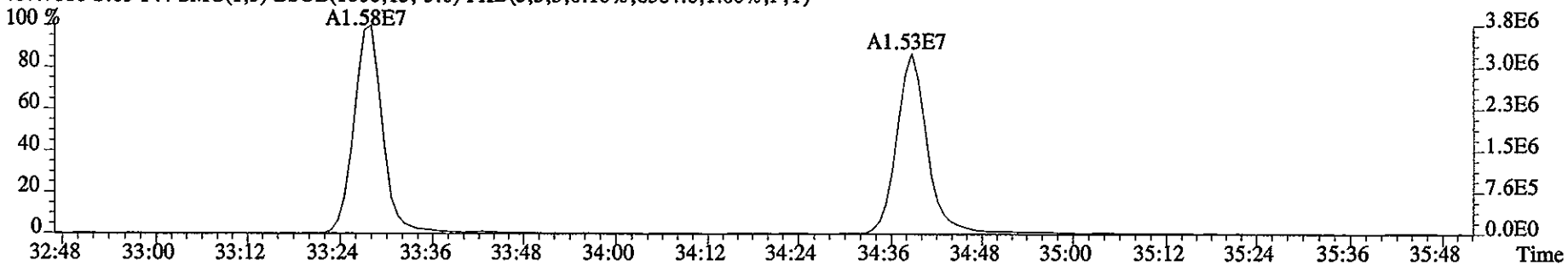
380.9760 S:13 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



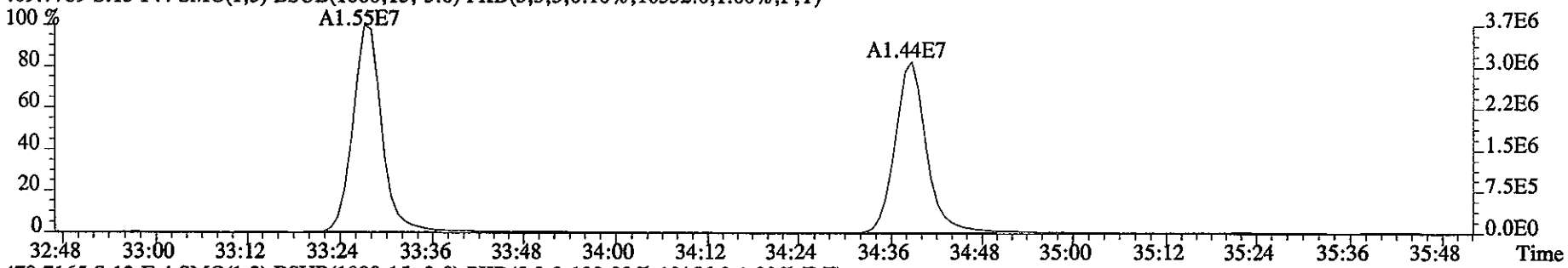
File:10JA061D5 #1-218 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
430.9728 S:13 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



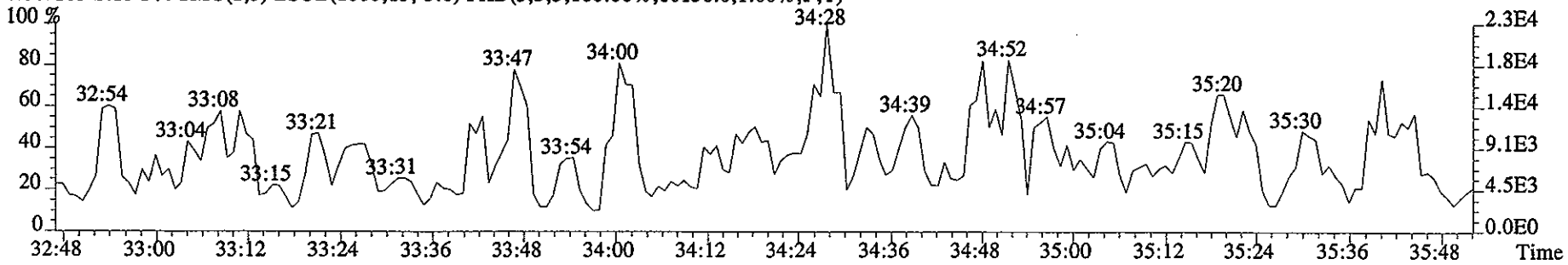
407.7818 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6384.0,1.00%,F,T)



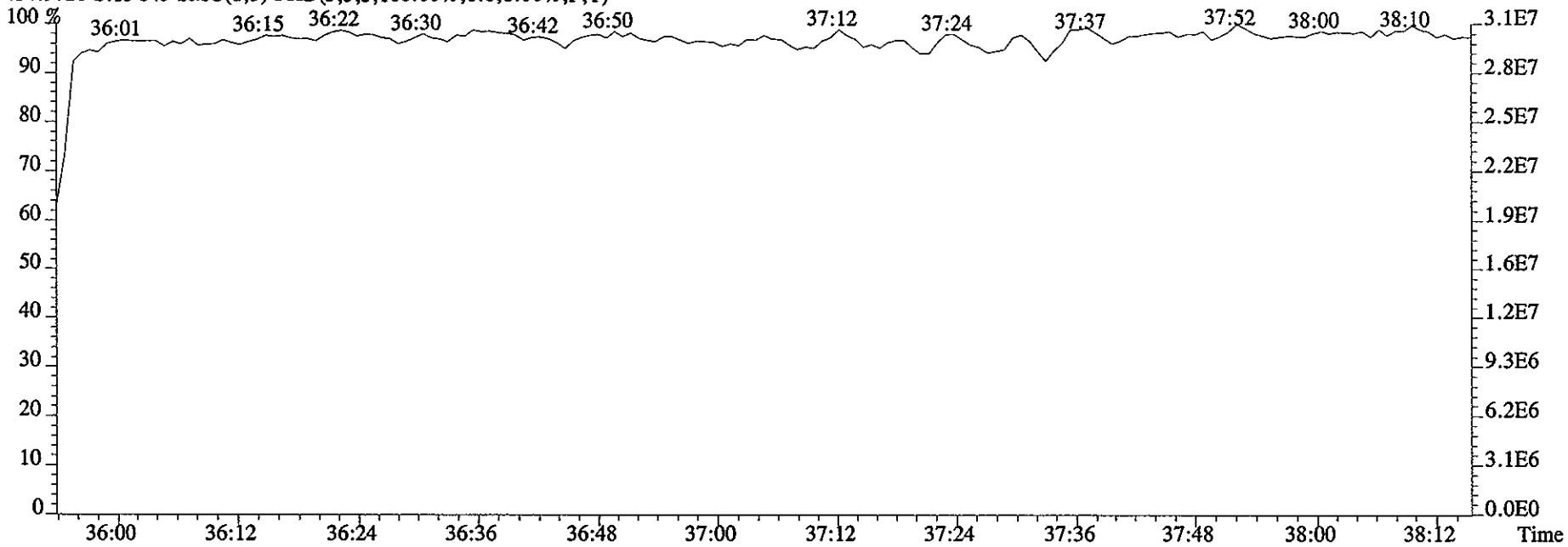
409.7789 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10332.0,1.00%,F,T)



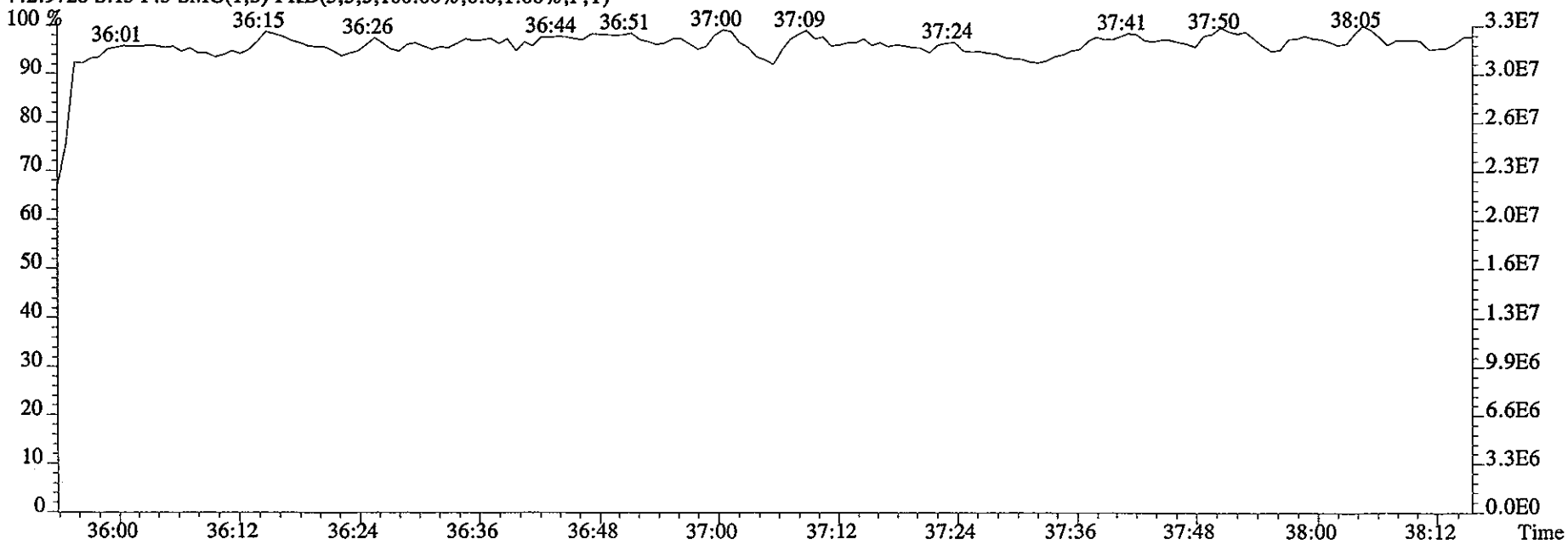
479.7165 S:13 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,10156.0,1.00%,F,T)



File:10JA061D5 #1-171 Acq:10-JAN-2006 17:55:11 GC EI+ Voltage SIR 70SE
Sample#13 Text:HVA2T-1-AD :G6A090000-371L Exp:DIOXIN
454.9728 S:13 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:13 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1WM-1-AA Sample text: HT1WM-1-AA :G5L300272-7
Run #11 Filename: 11JA061D5 S: 13 I: 1 Results: 11ja061d58290
Acquired: 11-JAN-06 17:03:49 Processed: 11-JAN-06 20:06:11
Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 1.00 L

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	81422000	0.84	y	16:55	-	77.88	-	-	n
13C-2,3,7,8-TCDF	103300500	0.80	y	16:26	1.68	1509.08	3.91	75.4	n
2,3,7,8-TCDF	*	*	n	NotFnd	1.16	*	2.75	-	n
Total TCDF	*	*	n	NotFnd	1.16	*	2.75	-	n
13C-2,3,7,8-TCDD	61190700	0.79	y	17:06	0.90	1678.66	9.64	83.9	n
2,3,7,8-TCDD	*	*	n	NotFnd	1.32	*	3.68	-	n
Total TCDD	37498	2.09	n	16:26	1.32	~~0.93~~	3.68	-	n
37Cl-2,3,7,8-TCDD	61560800	1.00	y	17:07	2.44	619.12	2.01	77.3	n
13C-1,2,3,7,8-PeCDF	86409800	1.55	y	21:04	1.54	1375.00	5.06	68.7	n
1,2,3,7,8-PeCDF	*	*	n	NotFnd	1.00	*	4.69	-	n
2,3,4,7,8-PeCDF	*	*	n	NotFnd	1.05	*	4.49	-	n
Total F2 PeCDF	100954	0.31	n	22:50	1.03	~~2.28~~	~~4.58~~	-	n
Total F1 PeCDF	306804	0.83	n	14:45	1.03	~~6.92~~	~~3.77~~ 4.69.	-	n
13C-1,2,3,7,8-PeCDD	57003600	1.56	y	22:56	0.91	1533.30	6.09	76.6	n
1,2,3,7,8-PeCDD	*	*	n	NotFnd	1.04	*	7.01	-	n
Total PeCDD	236979	2.17	n	22:50	1.04	7.98 DL	7.01	-	n
13C-1,2,3,7,8,9-HxCDD	58687700	1.27	y	31:25	-	61.02	-	-	n
13C-1,2,3,4,7,8-HxCDF	58320000	0.53	y	28:52	1.38	1438.17	13.23	71.8	n
1,2,3,4,7,8-HxCDF	*	*	n	NotFnd	1.11	*	9.75	-	n
1,2,3,6,7,8-HxCDF	*	*	n	NotFnd	1.14	*	9.50	-	n
2,3,4,6,7,8-HxCDF	*	*	n	NotFnd	1.06	*	10.18	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.02	*	10.64	-	n
Total HxCDF	*	*	n	NotFnd	1.08	*	~~10.00~~ 10.64.	-	n
13C-1,2,3,6,7,8-HxCDD	46249400	1.26	y	30:58	0.96	1647.16	11.50	82.3	n
1,2,3,4,7,8-HxCDD	*	*	n	NotFnd	0.95	*	10.13	-	n
1,2,3,6,7,8-HxCDD	*	*	n	NotFnd	1.00	*	9.65	-	n
1,2,3,7,8,9-HxCDD	*	*	n	NotFnd	1.04	*	9.26	-	n
Total HxCDD	*	*	n	NotFnd	1.00	*	~~9.67~~ 10.13	-	n
13C-1,2,3,4,6,7,8-HpCDF	42163100	0.46	y	33:26	1.13	1273.17	17.90	63.6	n
1,2,3,4,6,7,8-HpCDF	*	*	n	NotFnd	1.31	*	5.90	-	n
1,2,3,4,7,8,9-HpCDF	49400	0.25	n	34:38	1.19	~~1.97~~	6.49	-	n
Total HpCDF	49400	0.25	n	34:38	1.25	~~1.97~~	~~6.18~~ 6.49.	-	n
13C-1,2,3,4,6,7,8-HpCDD	39702600	1.07	y	34:18	1.00	1356.77	13.34	67.8	n
1,2,3,4,6,7,8-HpCDD	*	*	n	NotFnd	0.95	*	7.97	-	n
Total HpCDD	415452	1.08	y	32:56	0.95	~~22.08~~	7.97	-	n
13C-OCDD	55535100	0.90	y	36:52	0.81	2340.27	19.75	58.5	n

OCDF	*	* n NotFnd 1.32	*	13.45	-	n
OCDD	*	* n NotFnd 1.00	*	12.28	-	n

Run text: HT1WM-1-AA Sample text: HT1WM-1-AA :G5L300272-7
Run #11 Filename: 11JA061D5 S: 13 I: 1 Results: 11JA061D58290
Acquired: 11-JAN-06 17:03:49 Processed: 11-JAN-06 20:06:11
Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 0.999180L

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	81422000	0.84	y	16:55	-	77.88	-	-	n
13C-2,3,7,8-TCDF	103300500	0.80	y	16:26	1.68	1509.08	3.91	75.4	n
2,3,7,8-TCDF	*	*	n	NotFnd	1.16	*	2.75	-	n
Total TCDF	*	*	n	NotFnd	1.16	*	2.75	-	n
13C-2,3,7,8-TCDD	61190700	0.79	y	17:06	0.90	1678.66	9.64	83.9	n
2,3,7,8-TCDD	*	*	n	NotFnd	1.32	*	3.68	-	n
Total TCDD	37498	2.09	n	16:26	1.32	~~0.93~~	3.68	-	n
37Cl-2,3,7,8-TCDD	61560800	1.00	y	17:07	2.44	619.12	2.01	77.3	n
13C-1,2,3,7,8-PeCDF	86409800	1.55	y	21:04	1.54	1375.00	5.06	68.7	n
1,2,3,7,8-PeCDF	*	*	n	NotFnd	1.00	*	4.69	-	n
2,3,4,7,8-PeCDF	*	*	n	NotFnd	1.05	*	4.49	-	n
Total F2 PeCDF	100954	0.31	n	22:50	1.03	~~2.28~~	~~4.58~~	-	n
Total F1 PeCDF	306804	0.83	n	14:45	1.03	~~6.92~~	~~3.77~~ 4.69.	-	n
13C-1,2,3,7,8-PeCDD	*	*	n	NotFnd	0.91	*	6.09	*	n
1,2,3,7,8-PeCDD	*	*	n	NotFnd	1.04	*	*	-	n
Total PeCDD	236979	2.17	n	22:50	1.04	*	*	-	n
13C-1,2,3,7,8,9-HxCDD	58687700	1.27	y	31:25	-	61.02	-	-	n
13C-1,2,3,4,7,8-HxCDF	58320000	0.53	y	28:52	1.38	1438.17	13.23	71.8	n
1,2,3,4,7,8-HxCDF	*	*	n	NotFnd	1.11	*	9.75	-	n
1,2,3,6,7,8-HxCDF	*	*	n	NotFnd	1.14	*	9.50	-	n
2,3,4,6,7,8-HxCDF	*	*	n	NotFnd	1.06	*	10.18	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.02	*	10.64	-	n
Total HxCDF	*	*	n	NotFnd	1.08	*	~~10.00~~ 10.64.	-	n
13C-1,2,3,6,7,8-HxCDD	46249400	1.26	y	30:58	0.96	1647.16	11.50	82.3	n
1,2,3,4,7,8-HxCDD	*	*	n	NotFnd	0.95	*	10.13	-	n
1,2,3,6,7,8-HxCDD	*	*	n	NotFnd	1.00	*	9.65	-	n
1,2,3,7,8,9-HxCDD	*	*	n	NotFnd	1.04	*	9.26	-	n
Total HxCDD	*	*	n	NotFnd	1.00	*	~~9.67~~ 10.13	-	n
13C-1,2,3,4,6,7,8-HpCDF	42163100	0.46	y	33:26	1.13	1273.17	17.90	63.6	n
1,2,3,4,6,7,8-HpCDF	*	*	n	NotFnd	1.31	*	5.90	-	n
1,2,3,4,7,8,9-HpCDF	49400	0.25	n	34:38	1.19	~~1.97~~	6.49	-	n
Total HpCDF	49400	0.25	n	34:38	1.25	~~1.97~~	~~6.18~~ 6.49.	-	n
13C-1,2,3,4,6,7,8-HpCDD	39702600	1.07	y	34:18	1.00	1356.77	13.34	67.8	n
1,2,3,4,6,7,8-HpCDD	*	*	n	NotFnd	0.95	*	7.97	-	n
Total HpCDD	415452	1.08	y	32:56	0.95	22.08	7.97	-	n
13C-OCDD	55535100	0.90	y	36:52	0.81	2340.27	19.75	58.5	n

OCDF	*	* n NotFnd 1.32	*	13.45	-	n
OCDD	*	* n NotFnd 1.00	*	12.28	-	n

Run Text: HT1WM-1-AA Sample text: HT1WM-1-AA :G5L300272-7

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:0
Run: 11 File: 11JA061D5 S:13 Acq:11-JAN-06 17:03:49
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

Amount:	* of which	* named and	*	unnamed
Conc:	* of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	NotF	*	n	*	*	*	n	n	
						*	*	n	n	

Run Text: HT1WM-1-AA Sample text: HT1WM-1-AA :G5L300272-7

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:1
Run: 11 File: 11JA061D5 S:13 Acq:11-JAN-06 17:03:49
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

Amount:	0.93 of which	* named and	0.93	unnamed
Conc:	0.93 of which	* named and	0.93	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	16:26	2.09	n	0.93	44240	1.9	n	n	
						21185	0.9	n	n	

Run Text: HT1WM-1-AA Sample text: HT1WM-1-AA :G5L300272-7

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:1
Run: 11 File: 11JA061D5 S:13 Acq:11-JAN-06 17:03:49
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

Amount:	2.28 of which	* named and	2.28	unnamed
Conc:	2.28 of which	* named and	2.28	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	22:50	0.31	n	2.28	61364	2.2	n	n	
						195772	3.2	y	n	

Run Text: HT1WM-1-AA Sample text: HT1WM-1-AA :G5L300272-7

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:2
Run: 11 File: 11JA061D5 S:13 Acq:11-JAN-06 17:03:49
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D¶

Amount:	6.92	of which	*	named and	6.92	unnamed
Conc:	6.92	of which	*	named and	6.92	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	14:45	0.83	n	3.80	102405	6.1	y	n
						123991	3.6	y	n
	2	18:07	0.62	n	3.12	84084	4.4	y	n
						135317	4.3	y	n

Run Text: HT1WM-1-AA Sample text: HT1WM-1-AA :G5L300272-7

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:1
Run: 11 File: 11JA061D5 S:13 Acq:11-JAN-06 17:03:49
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D¶

Amount:	*	of which	*	named and	*	unnamed
Conc:	*	of which	*	named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	22:50	2.17	n	*	202039	4.0	y	n
						92933	2.8	n	n

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Run Text: HT1WM-1-AA Sample text: HT1WM-1-AA :G5L300272-7

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:0
Run: 11 File: 11JA061D5 S:13 Acq:11-JAN-06 17:03:49
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D¶

Amount:	*	of which	*	named and	*	unnamed
Conc:	*	of which	*	named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF¶	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HT1WM-1-AA Sample text: HT1WM-1-AA :G5L300272-7

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:1
Run: 11 File: 11JA061D5 S:13 Acq:11-JAN-06 17:03:49
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11ja061d

Amount:	7.97	of which	* named and	7.97	unnamed
Conc:	7.98	of which	* named and	7.98	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	22:50	2.17	n	7.98	202039	4.0	y	n
						92933	2.8	n	n

60950 3.6 y n

Run Text: HT1WM-1-AA Sample text: HT1WM-1-AA :G5L300272-7

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:0
Run: 11 File: 11JA061D5 S:13 Acq:11-JAN-06 17:03:49
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

Amount:	* of which	* named and	*	unnamed
Conc:	* of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HT1WM-1-AA Sample text: HT1WM-1-AA :G5L300272-7

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:1
Run: 11 File: 11JA061D5 S:13 Acq:11-JAN-06 17:03:49
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

Amount:	1.97 of which	1.97 named and	*	unnamed
Conc:	1.97 of which	1.97 named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
1,2,3,4,7,8,9-HpCDF	1	34:38	0.25	n	1.97	25184	1.1	n	n
						99798	2.5	n	n

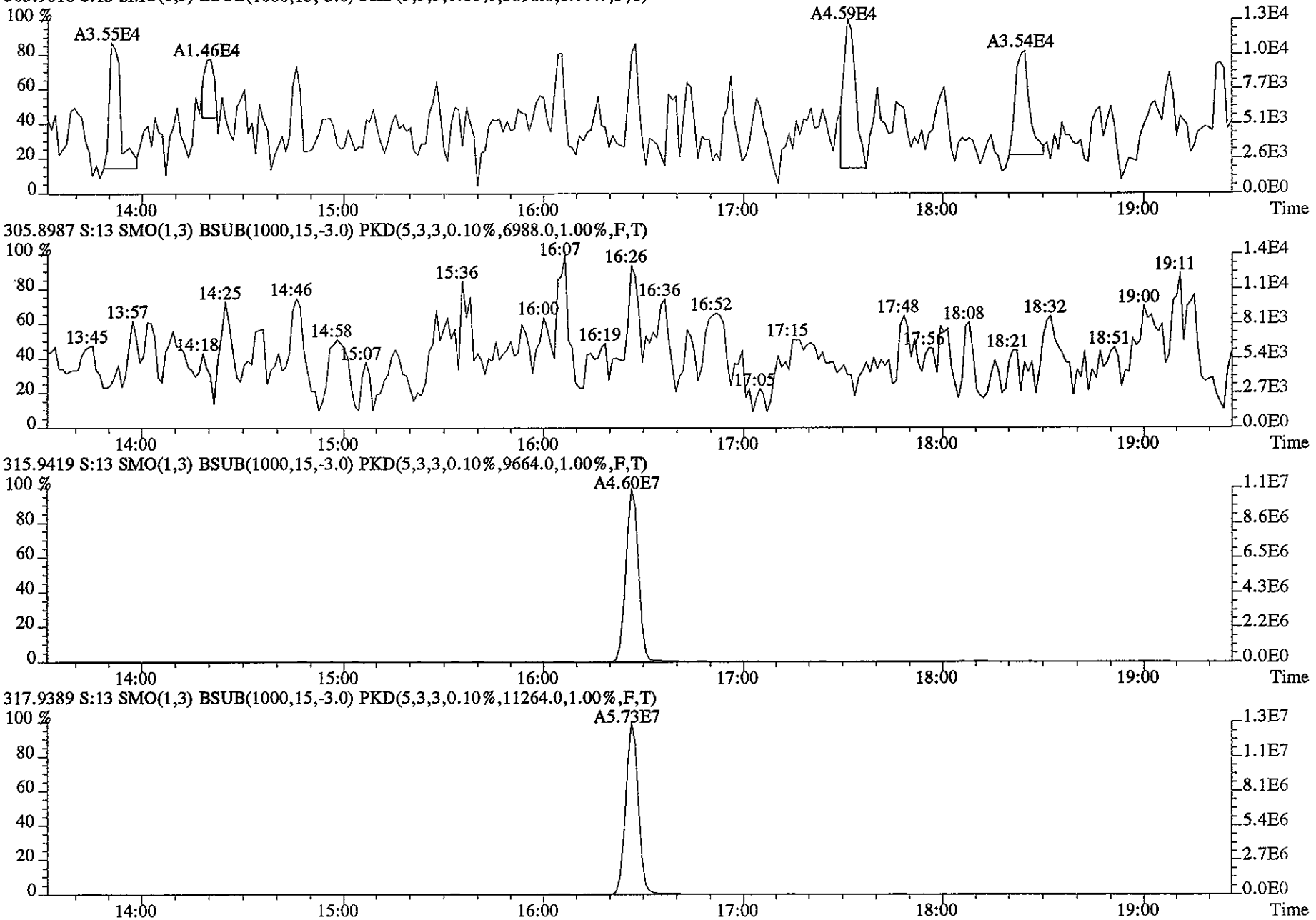
Run Text: HT1WM-1-AA Sample text: HT1WM-1-AA :G5L300272-7

Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:4
Run: 11 File: 11JA061D5 S:13 Acq:11-JAN-06 17:03:49
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

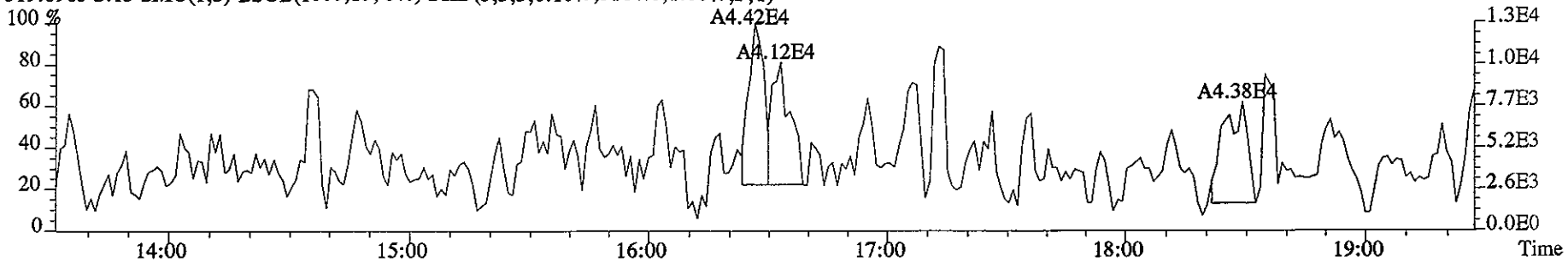
Amount:	22.07 of which	* named and	22.07	unnamed
Conc:	22.08 of which	* named and	22.08	unnamed

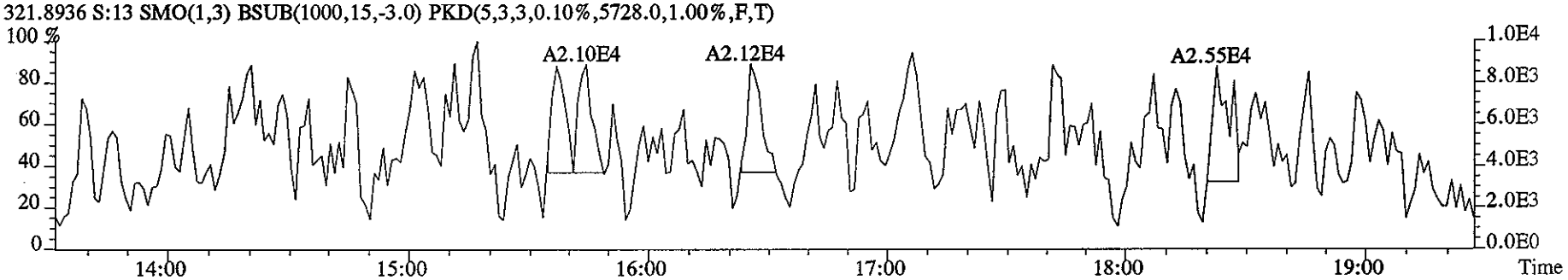
Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	32:56	1.08	y	6.28	61209	2.8	n	n
						56891	3.1	y	n
	2	33:04	1.26	n	2.57	29879	0.6	n	n
						23728	1.3	n	n
	3	33:25	1.70	n	6.62	104114	3.5	y	n
						61082	3.0	y	n
	4	34:37	2.75	n	6.61	167520	5.2	y	n

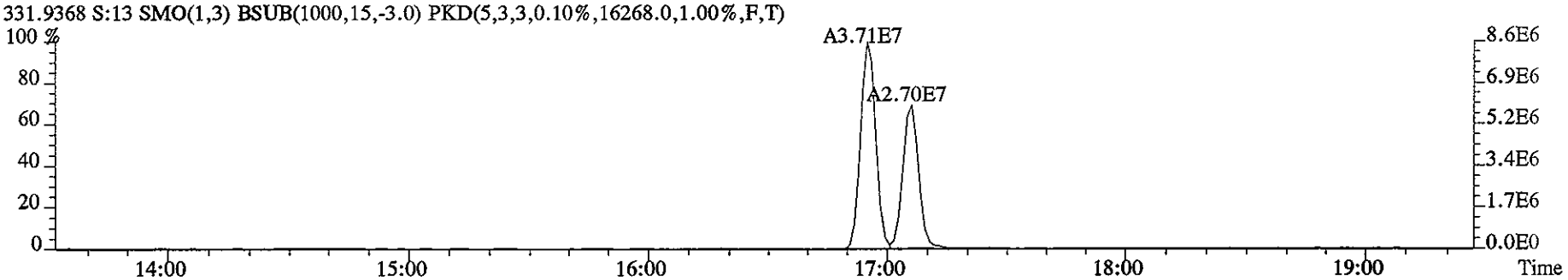
File:11JA061D5 #1-322 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN

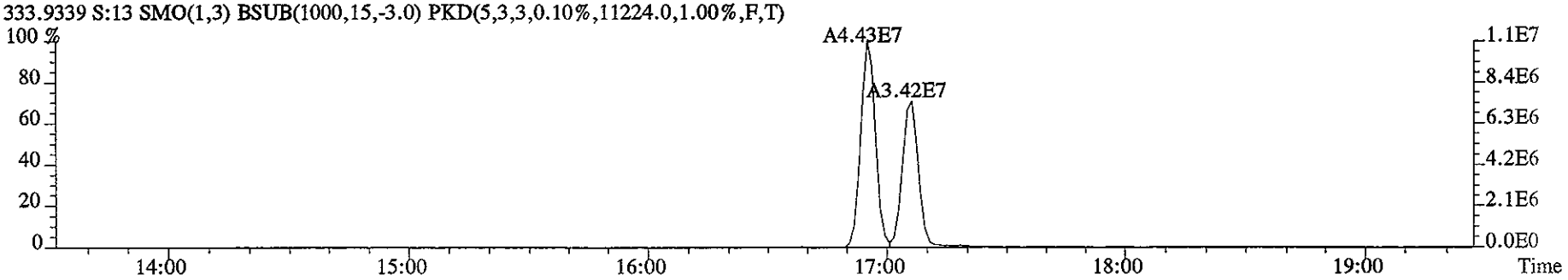


File:11JA061D5 #1-322 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN

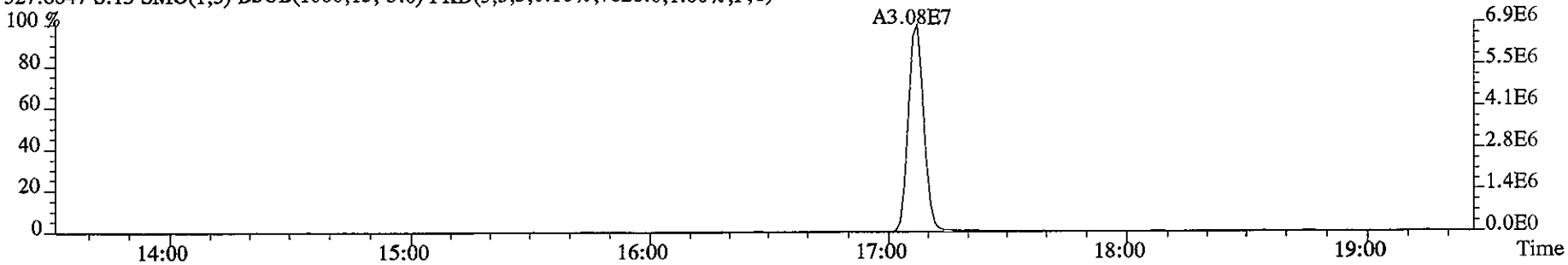




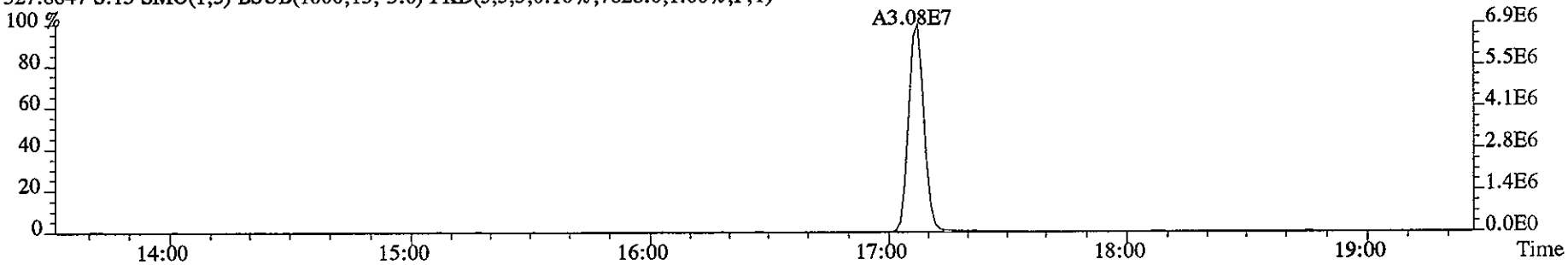




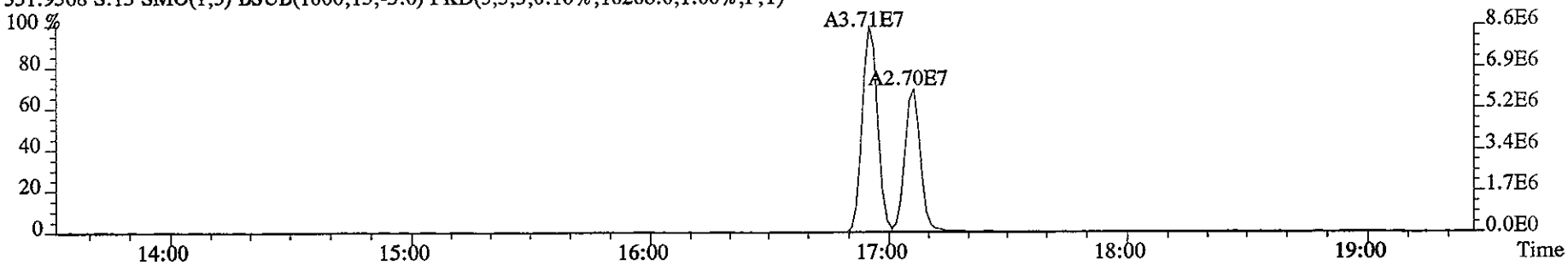
File:11JA061D5 #1-322 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN
327.8847 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7828.0,1.00%,F,T)



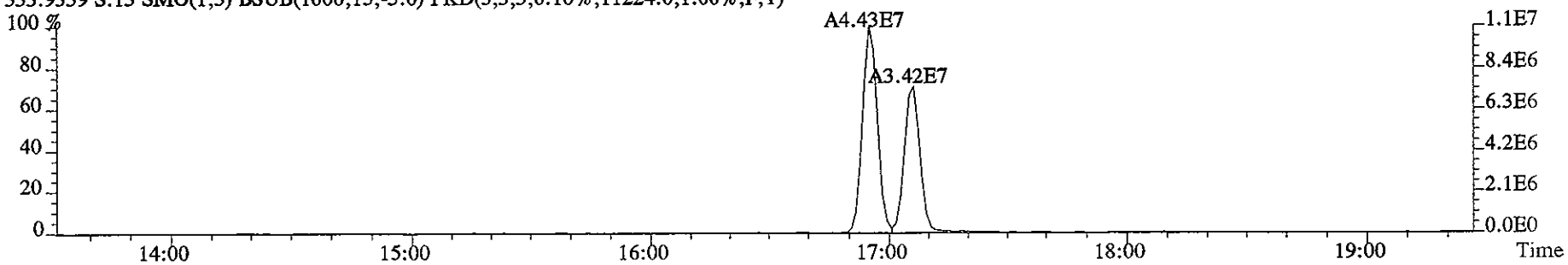
327.8847 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7828.0,1.00%,F,T)



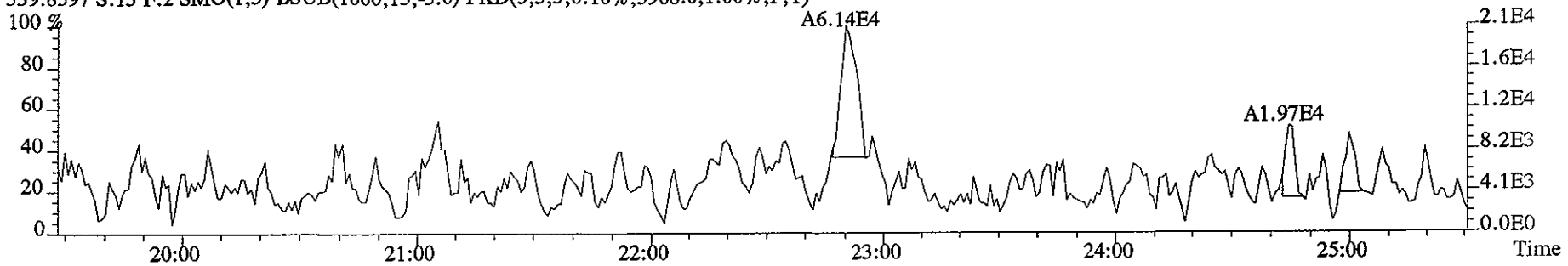
331.9368 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16268.0,1.00%,F,T)

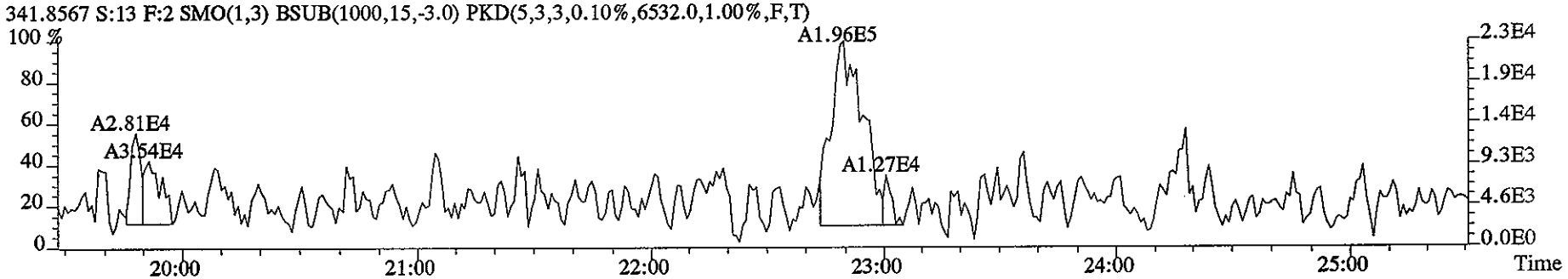


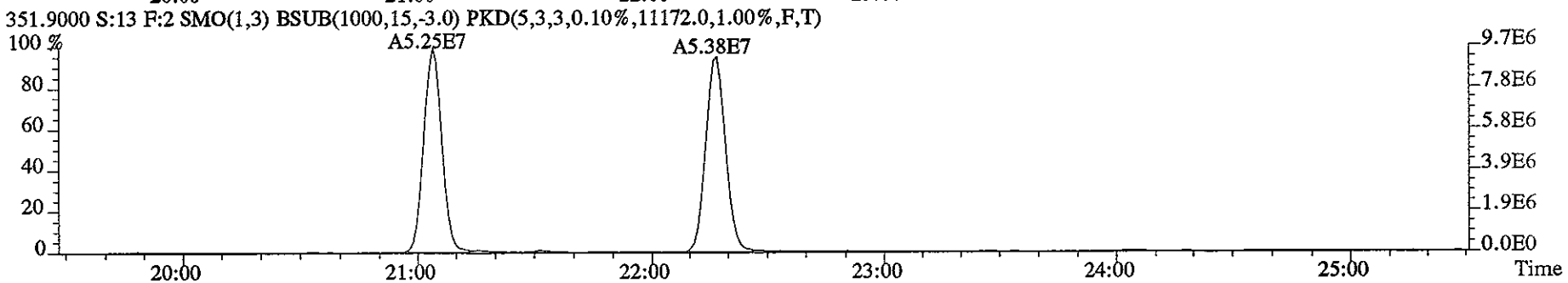
333.9339 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11224.0,1.00%,F,T)

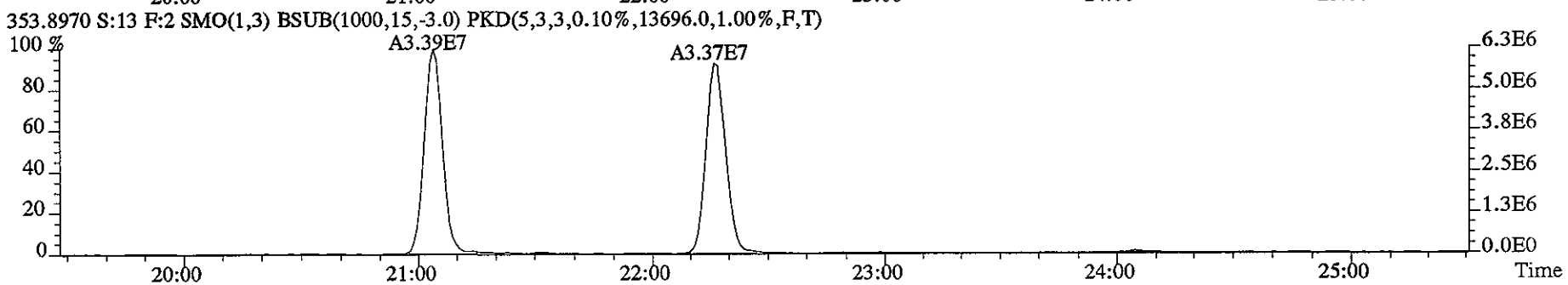


File:11JA061D5 #1-426 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN

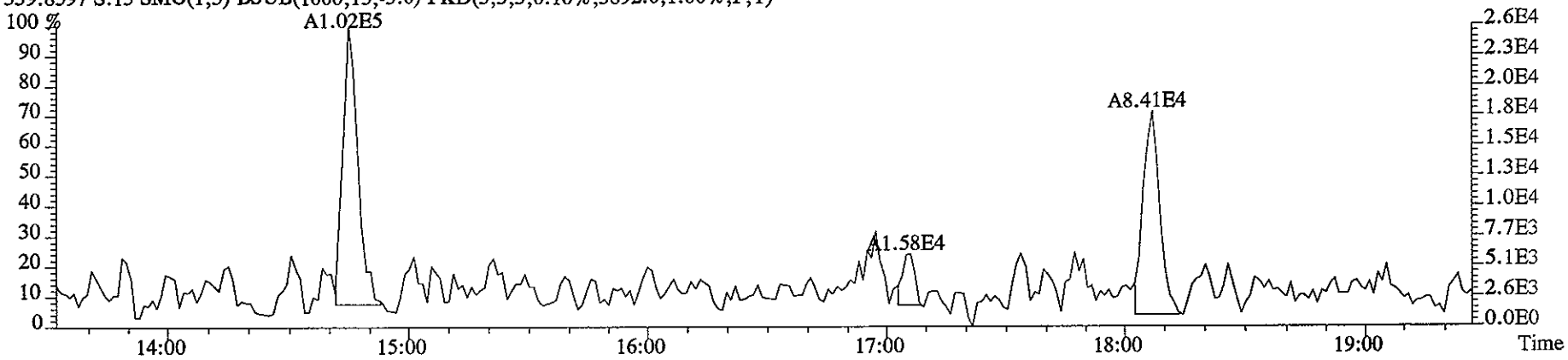




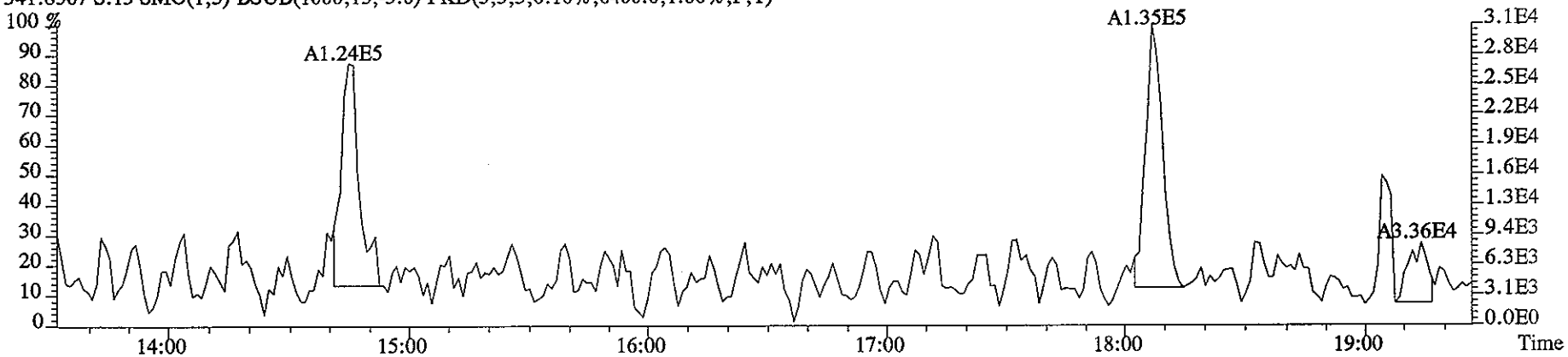




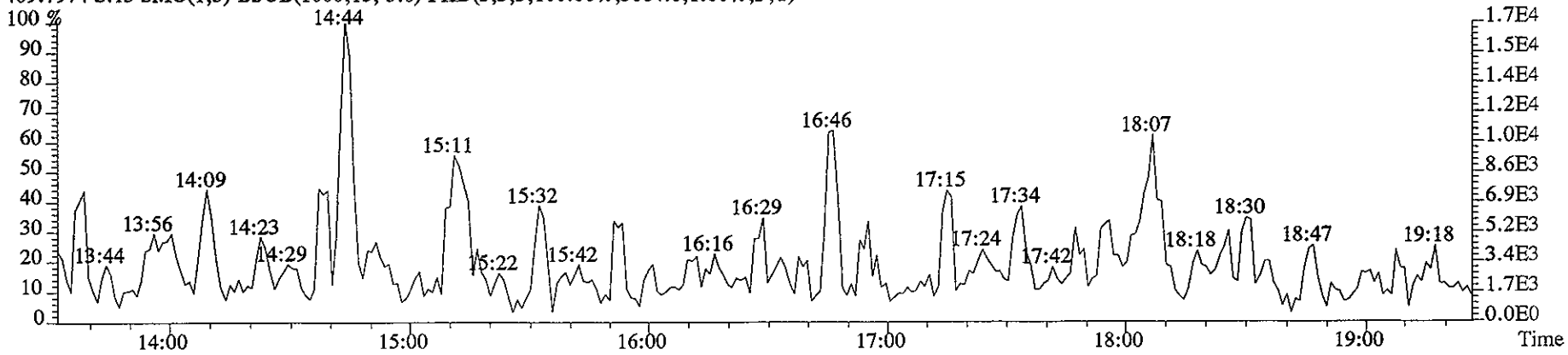
File:11JA061D5 #1-322 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN
339.8597 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3892.0,1.00%,F,T)



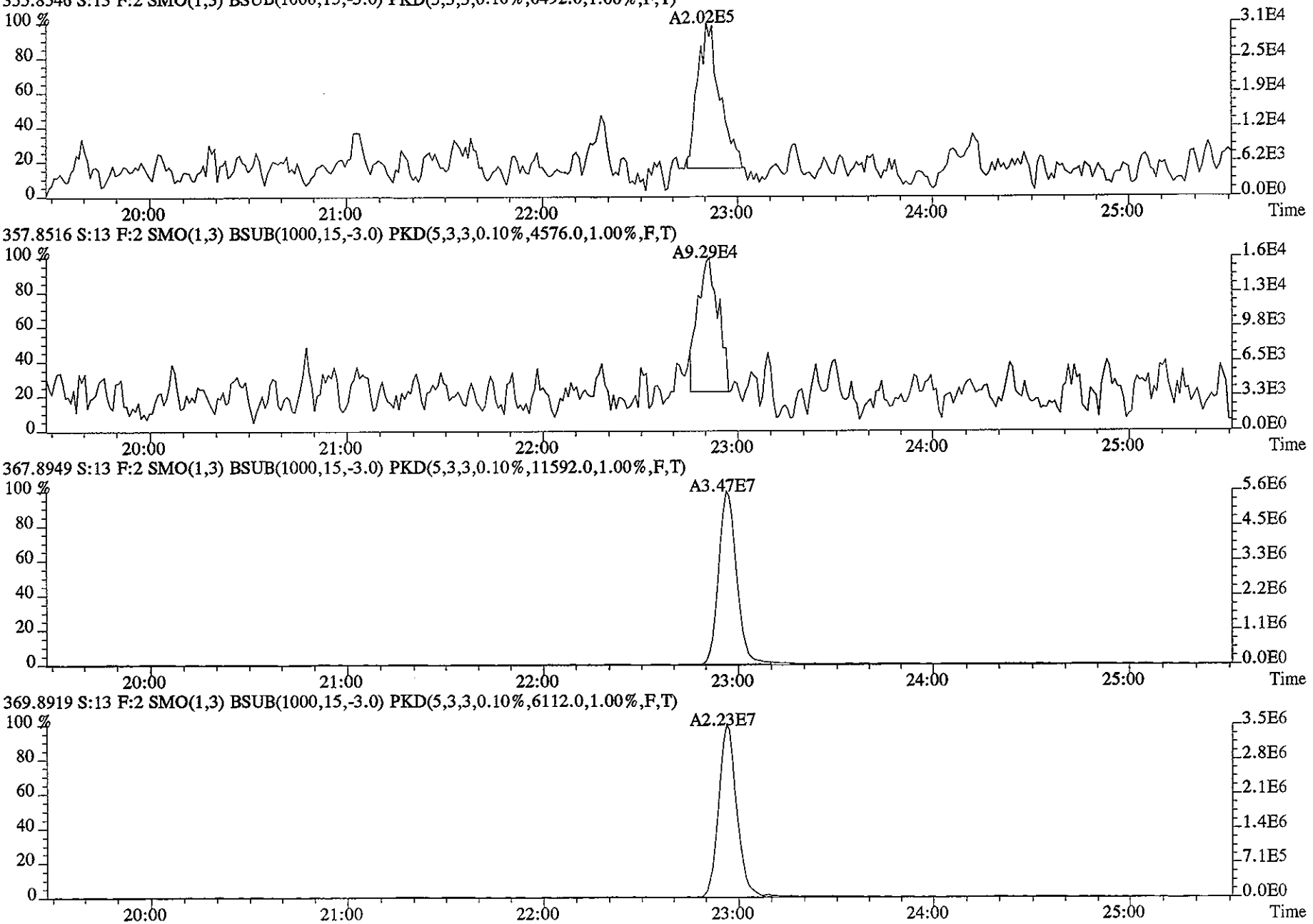
341.8567 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6400.0,1.00%,F,T)



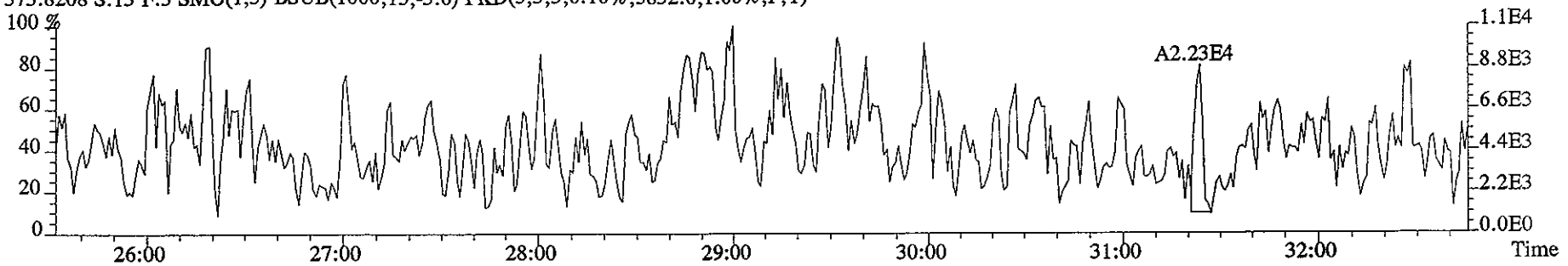
409.7974 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3064.0,1.00%,F,T)

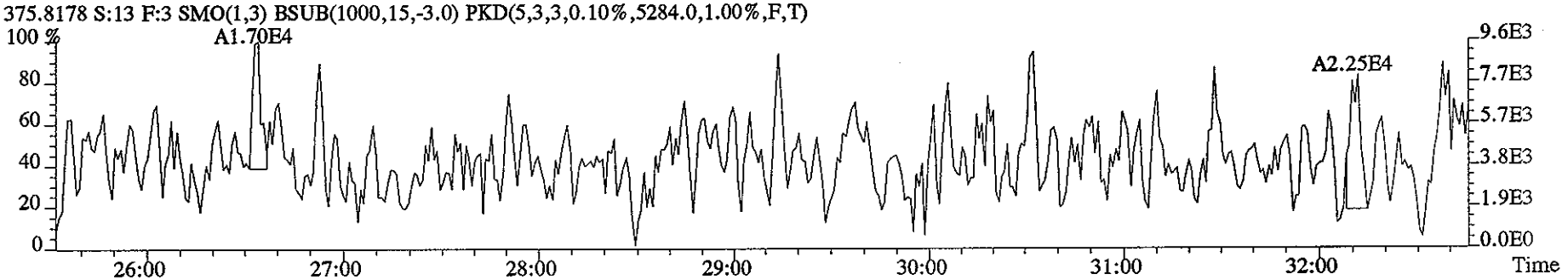


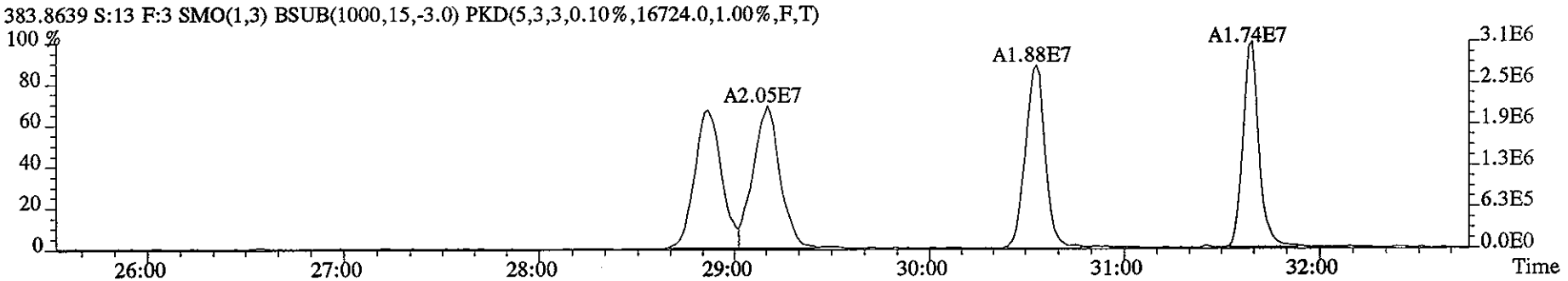
File:11JA061D5 #1-426 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN

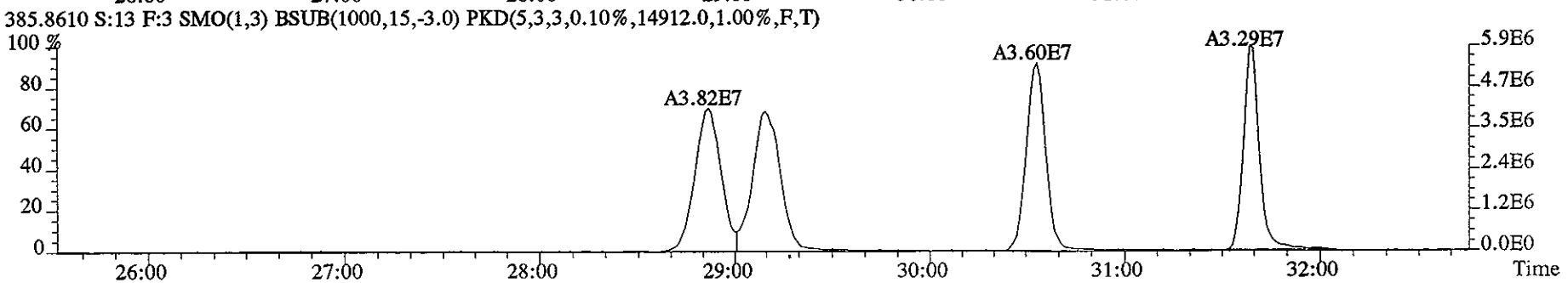


File:11JA061D5 #1-486 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN

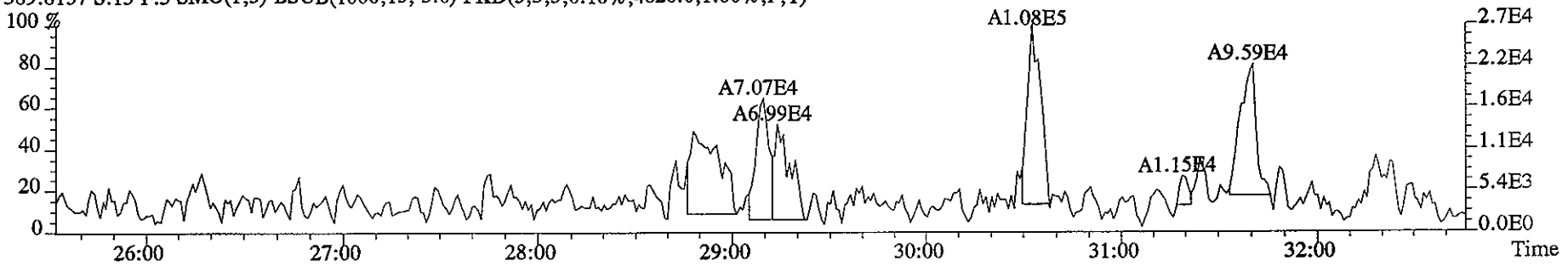


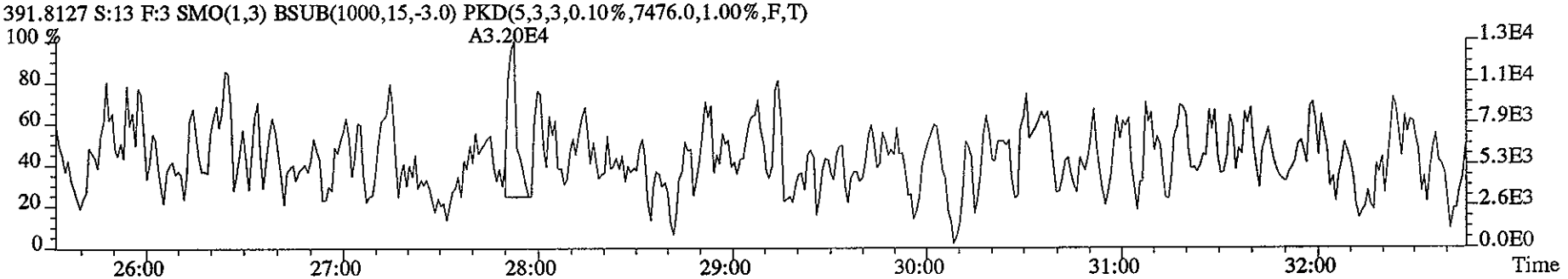


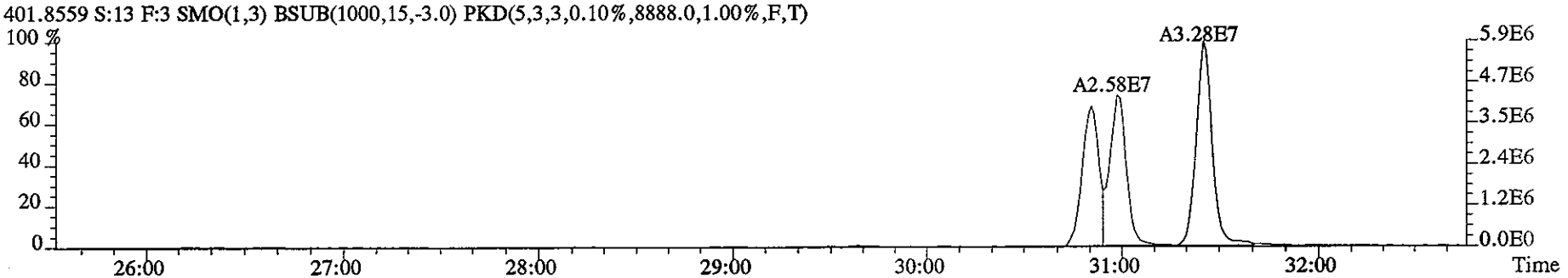


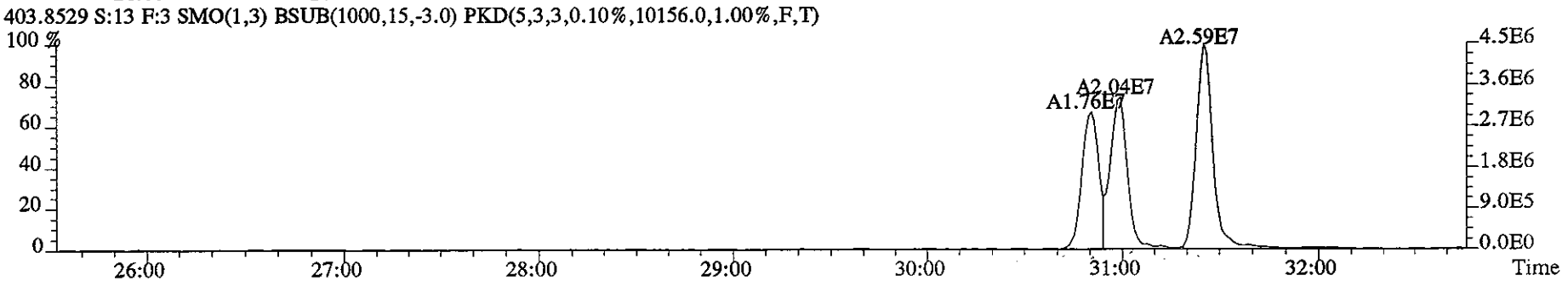


File:11JA061D5 #1-486 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN

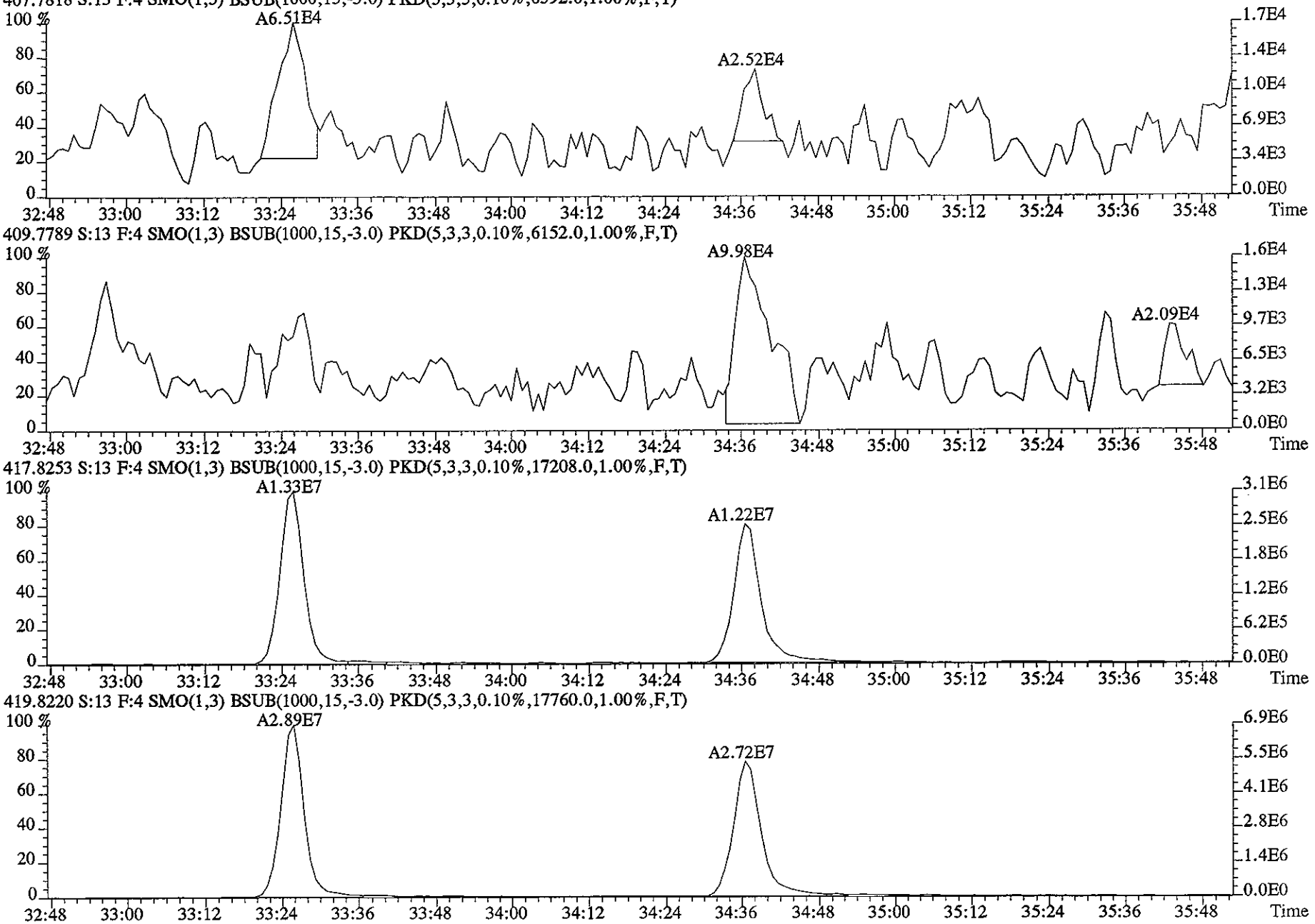




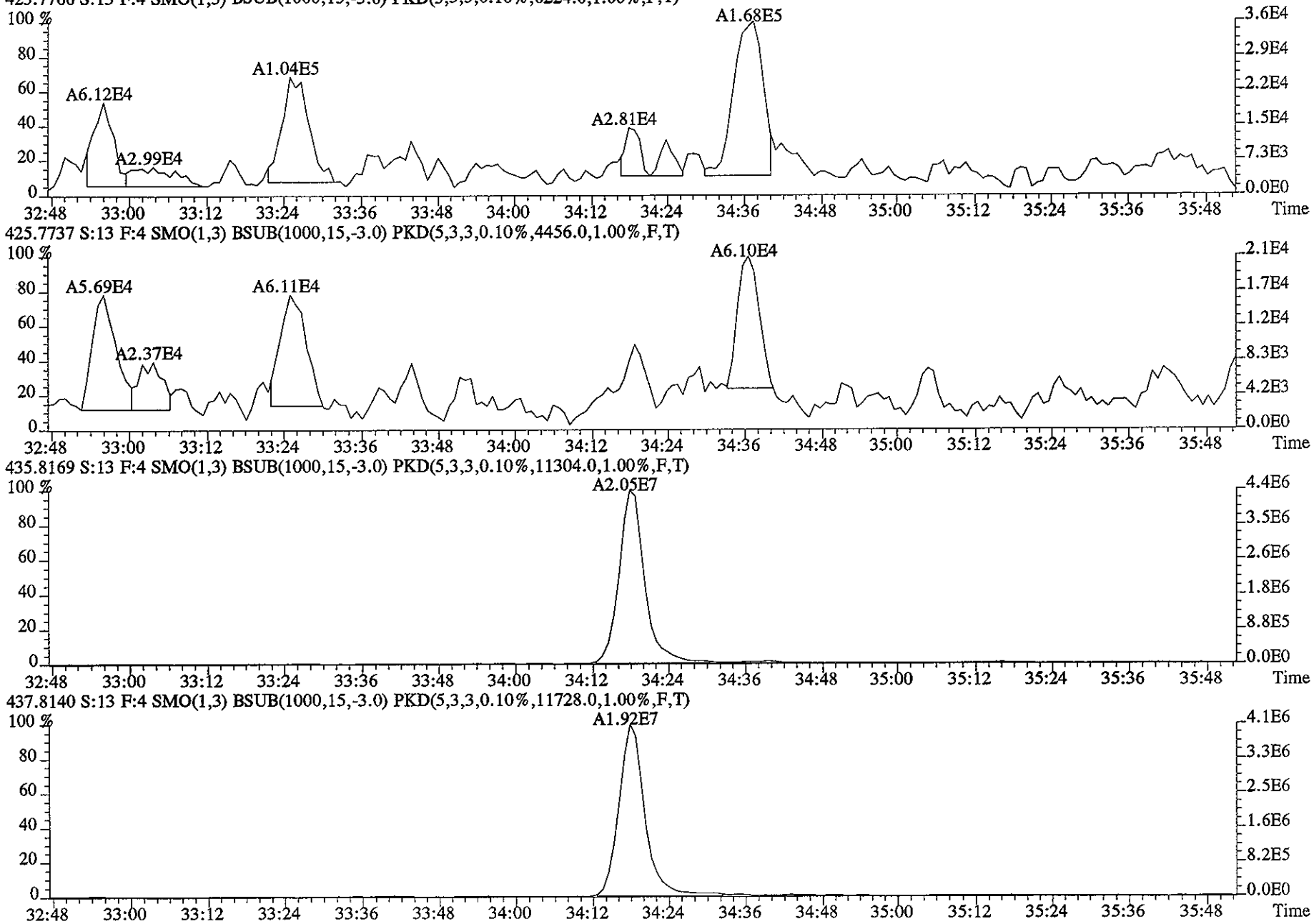




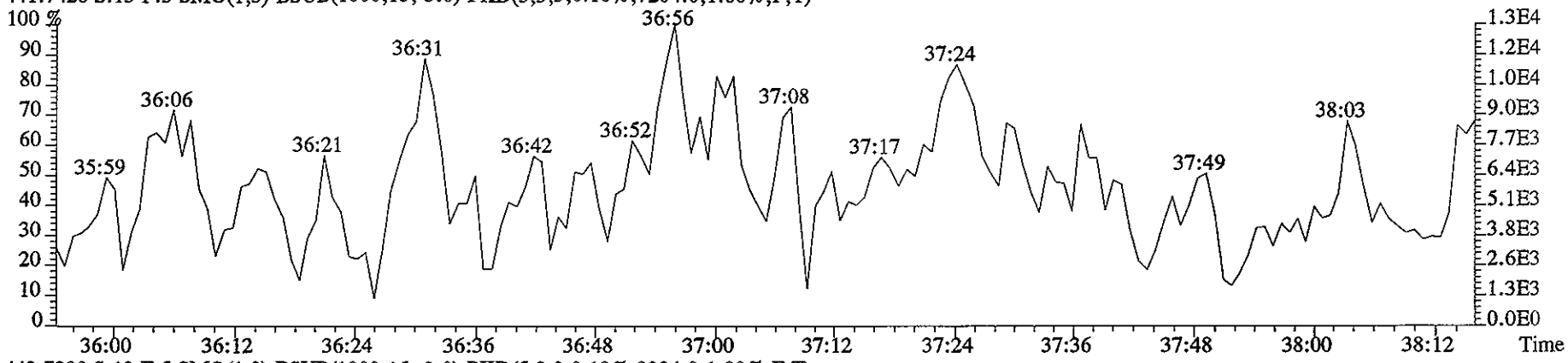
File:11JA061D5 #1-218 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN



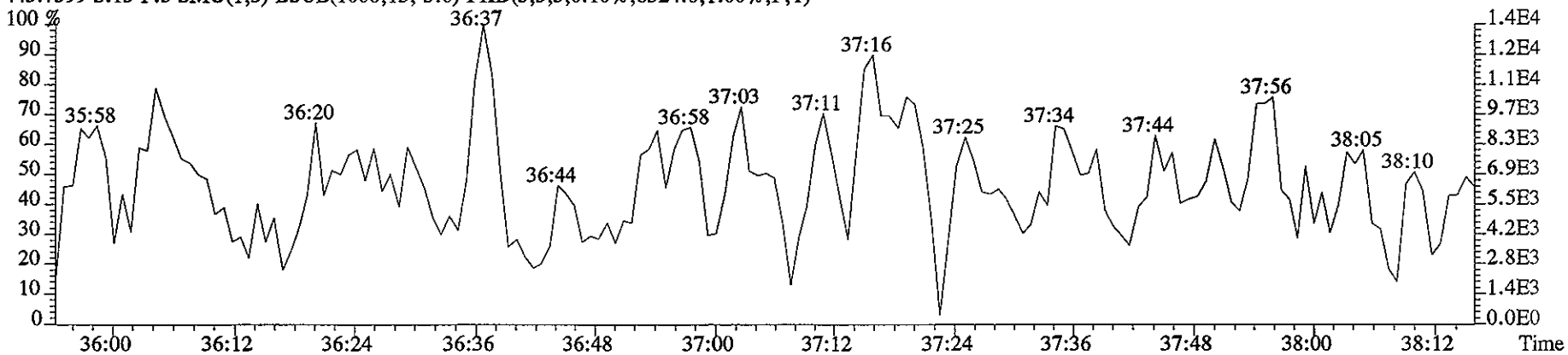
File:11JA061D5 #1-218 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN



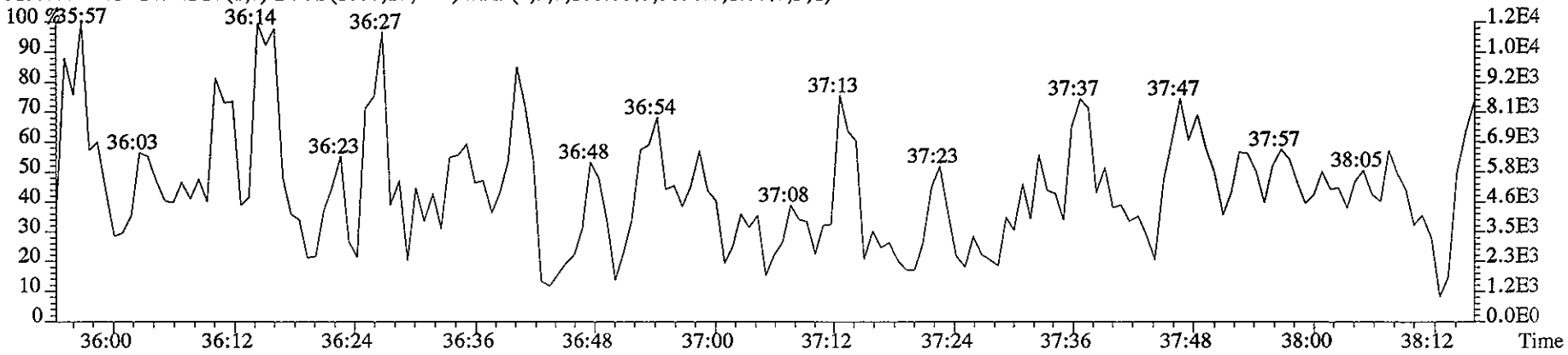
File:11JA061D5 #1-171 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN
441.7428 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7204.0,1.00%,F,T)



443.7399 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8324.0,1.00%,F,T)

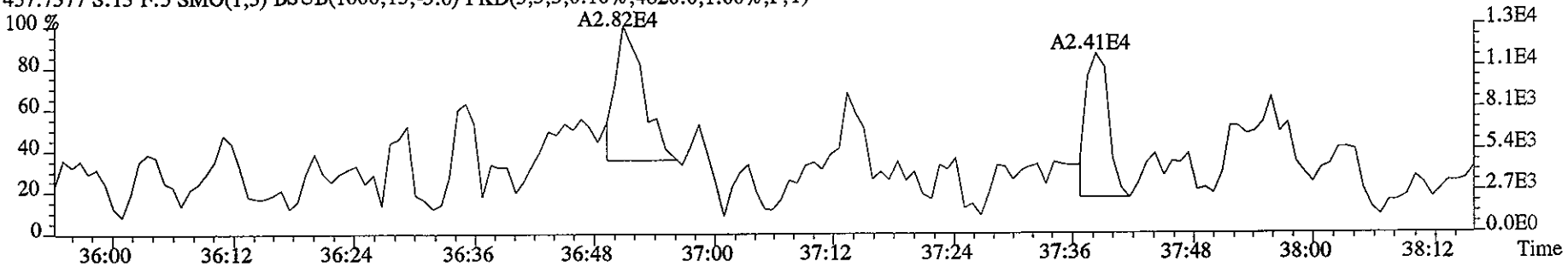


513.6775 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,5856.0,1.00%,F,T)

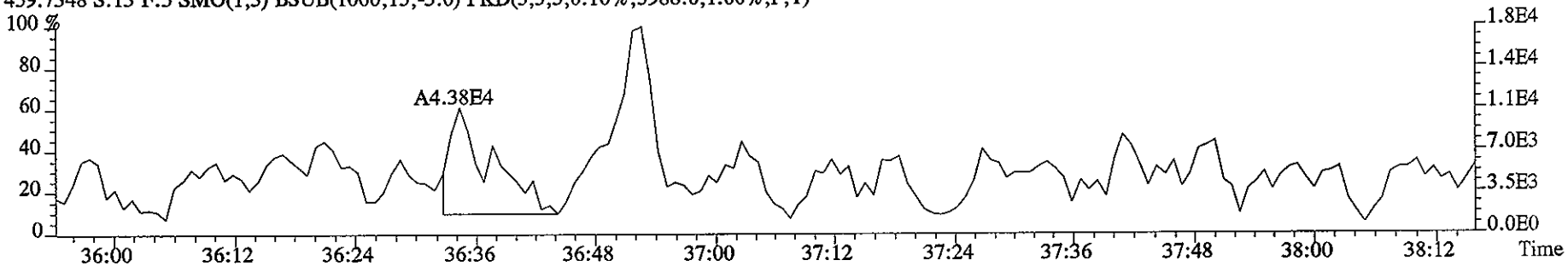


File:11JA061D5 #1-171 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN

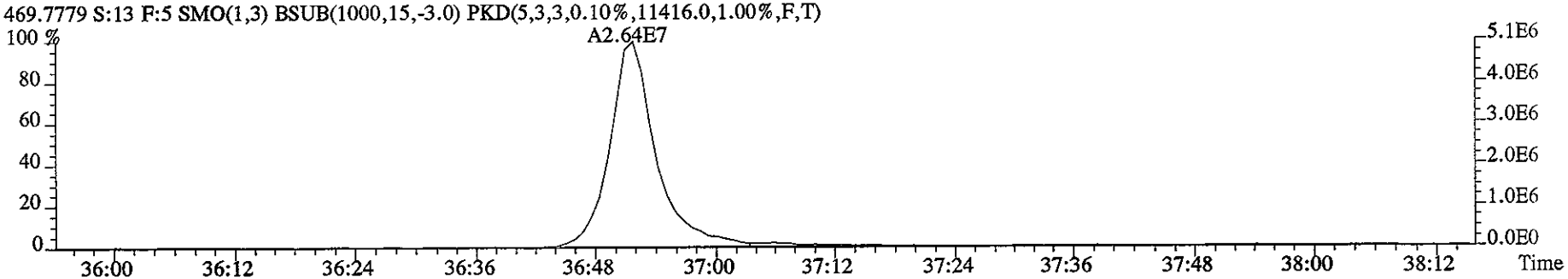
457.7377 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4820.0,1.00%,F,T)



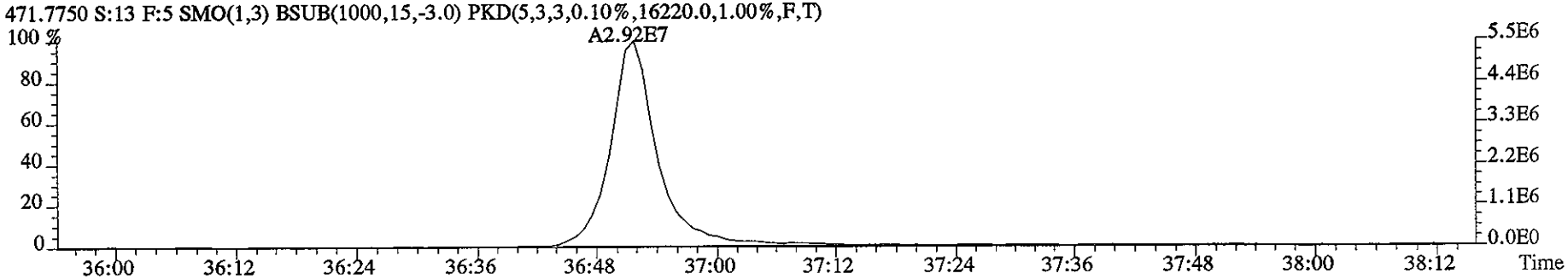
459.7348 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5988.0,1.00%,F,T)



469.7779 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11416.0,1.00%,F,T)

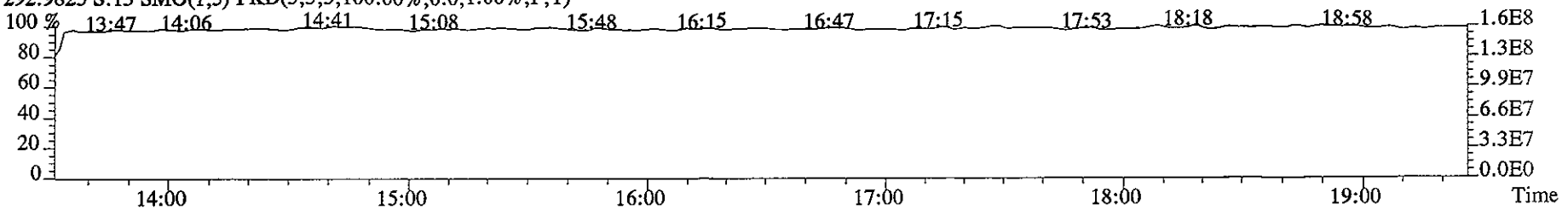


471.7750 S:13 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16220.0,1.00%,F,T)

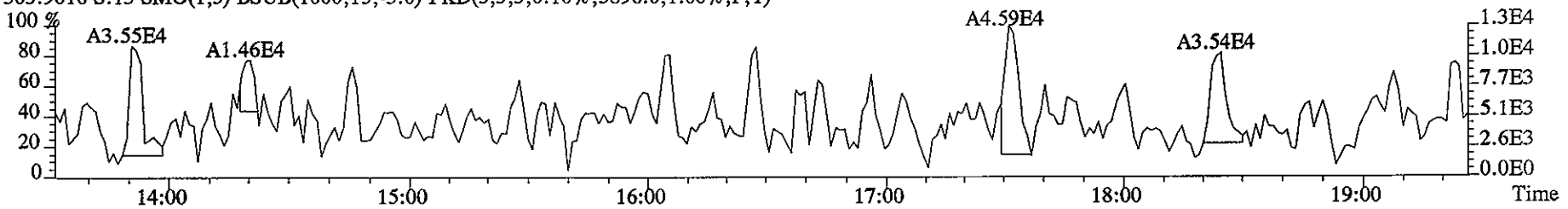


File:11JA061D5 #1-322 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN

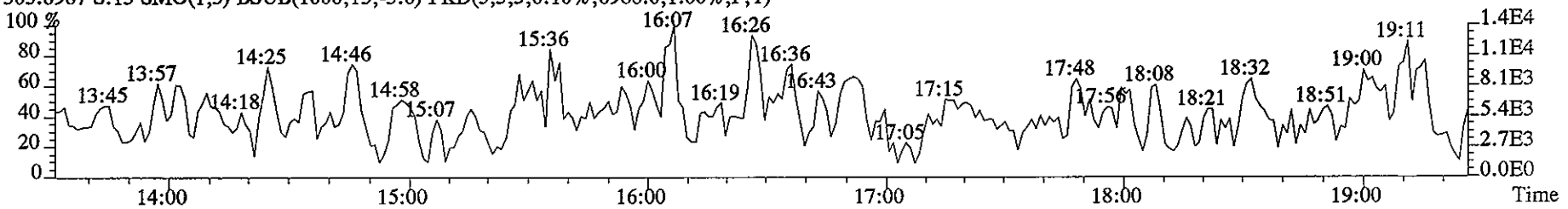
292.9825 S:13 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



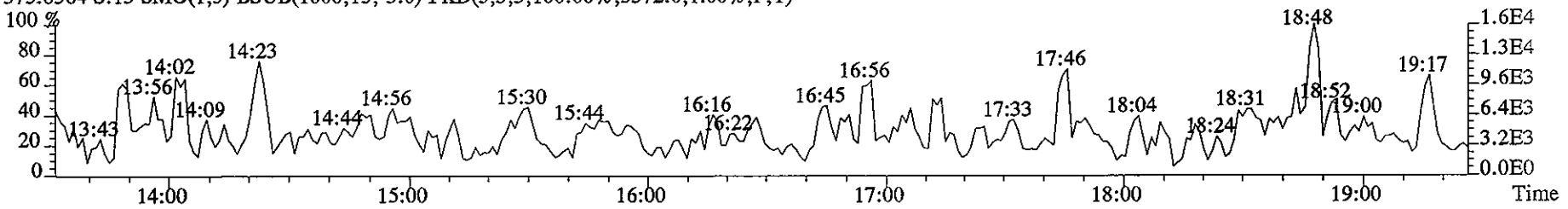
303.9016 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5896.0,1.00%,F,T)



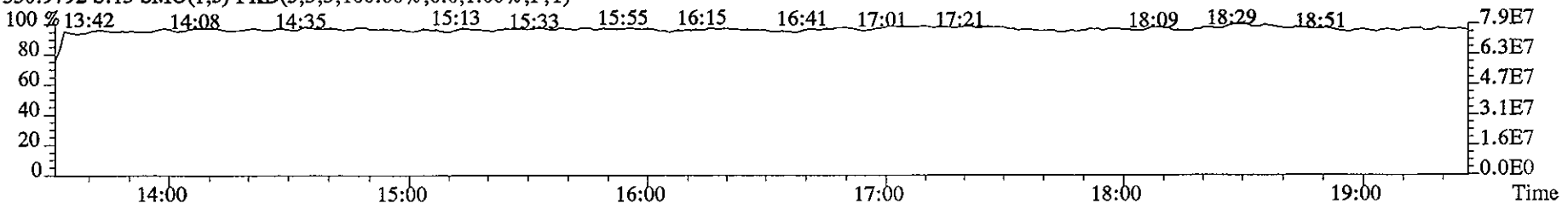
305.8987 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6988.0,1.00%,F,T)



375.8364 S:13 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5372.0,1.00%,F,T)

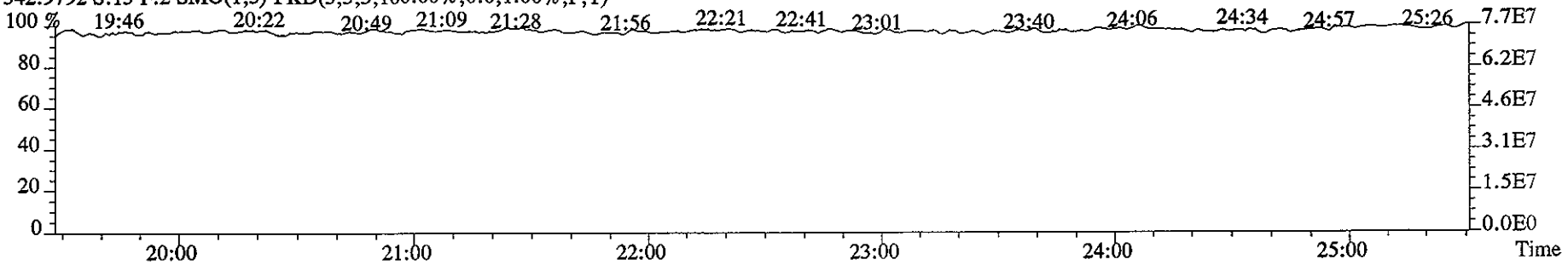


330.9792 S:13 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

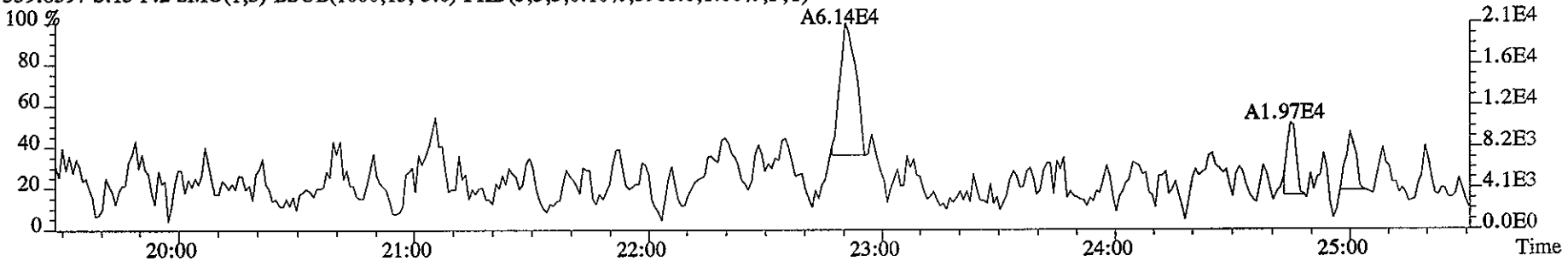


File:11JA061D5 #1-426 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN

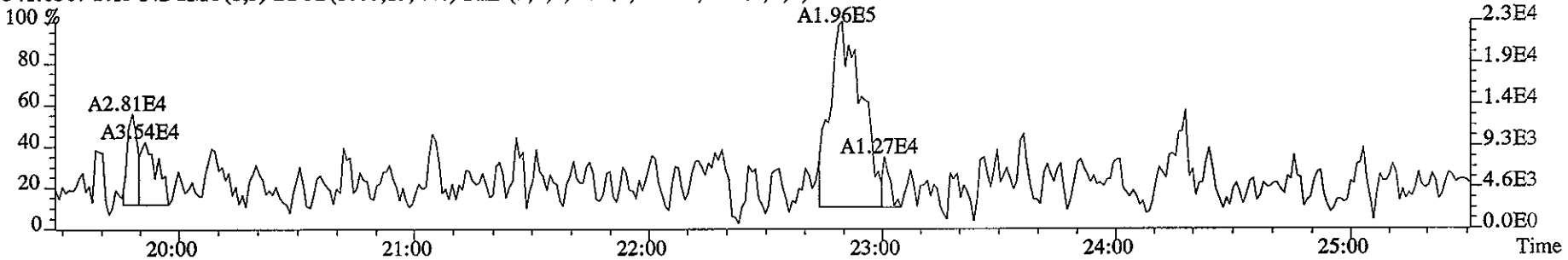
342.9792 S:13 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



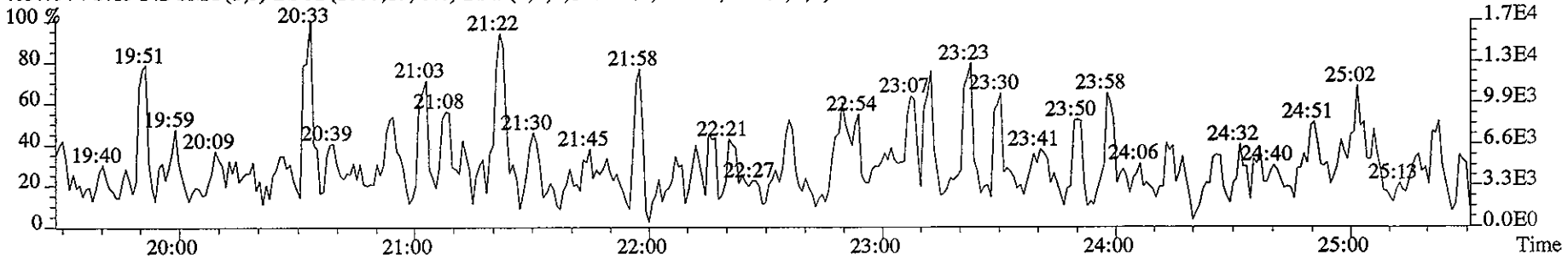
339.8597 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5968.0,1.00%,F,T)



341.8567 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6532.0,1.00%,F,T)

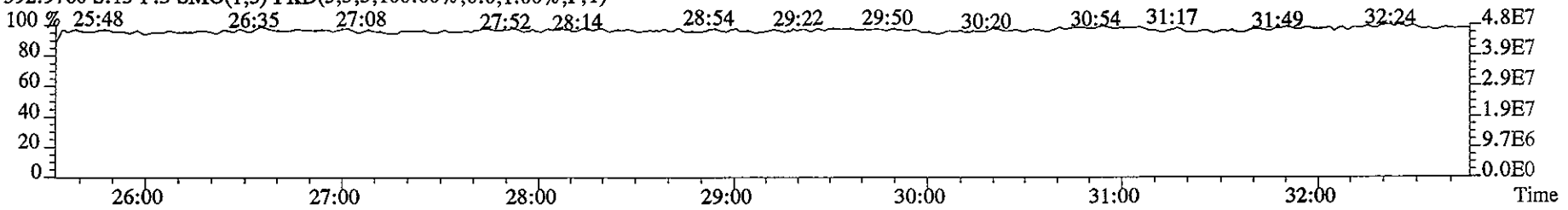


409.7974 S:13 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5324.0,1.00%,F,T)

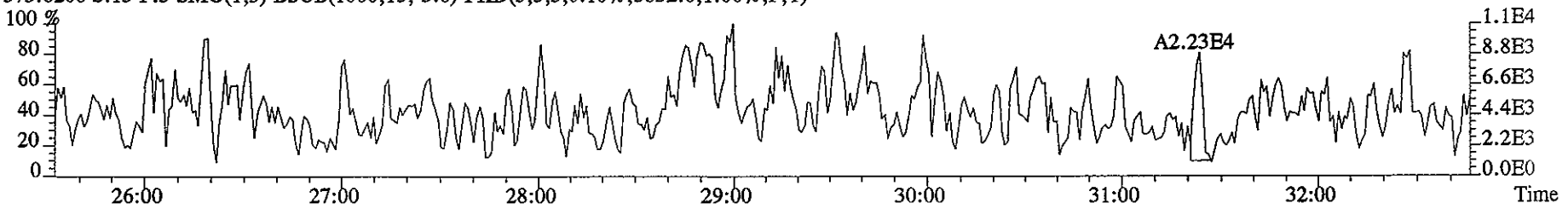


File:11JA061D5 #1-486 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN

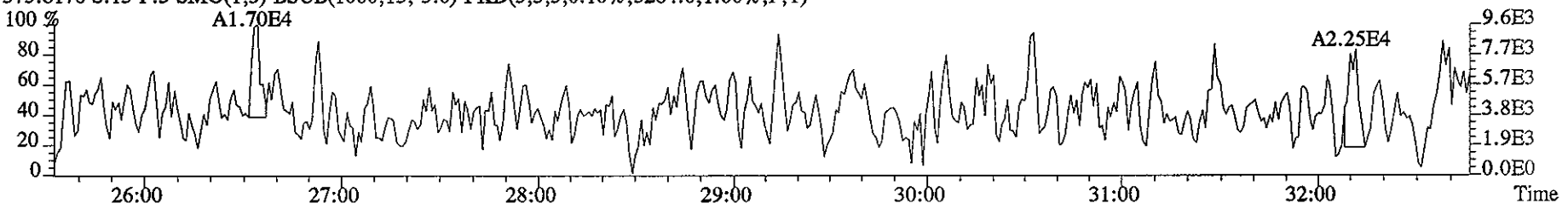
392.9760 S:13 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



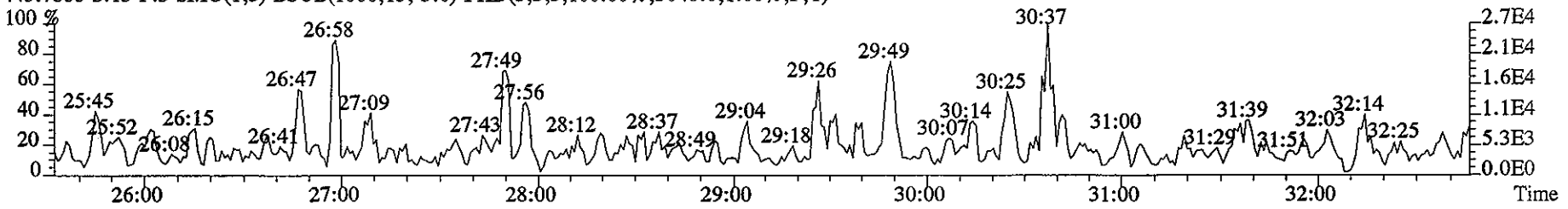
373.8208 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5832.0,1.00%,F,T)



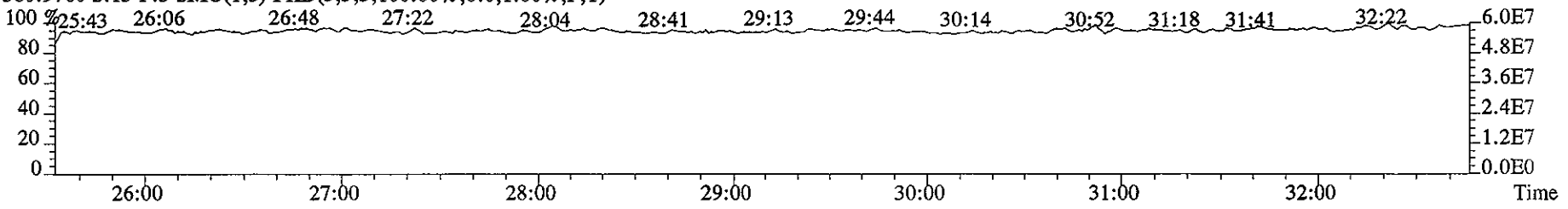
375.8178 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5284.0,1.00%,F,T)



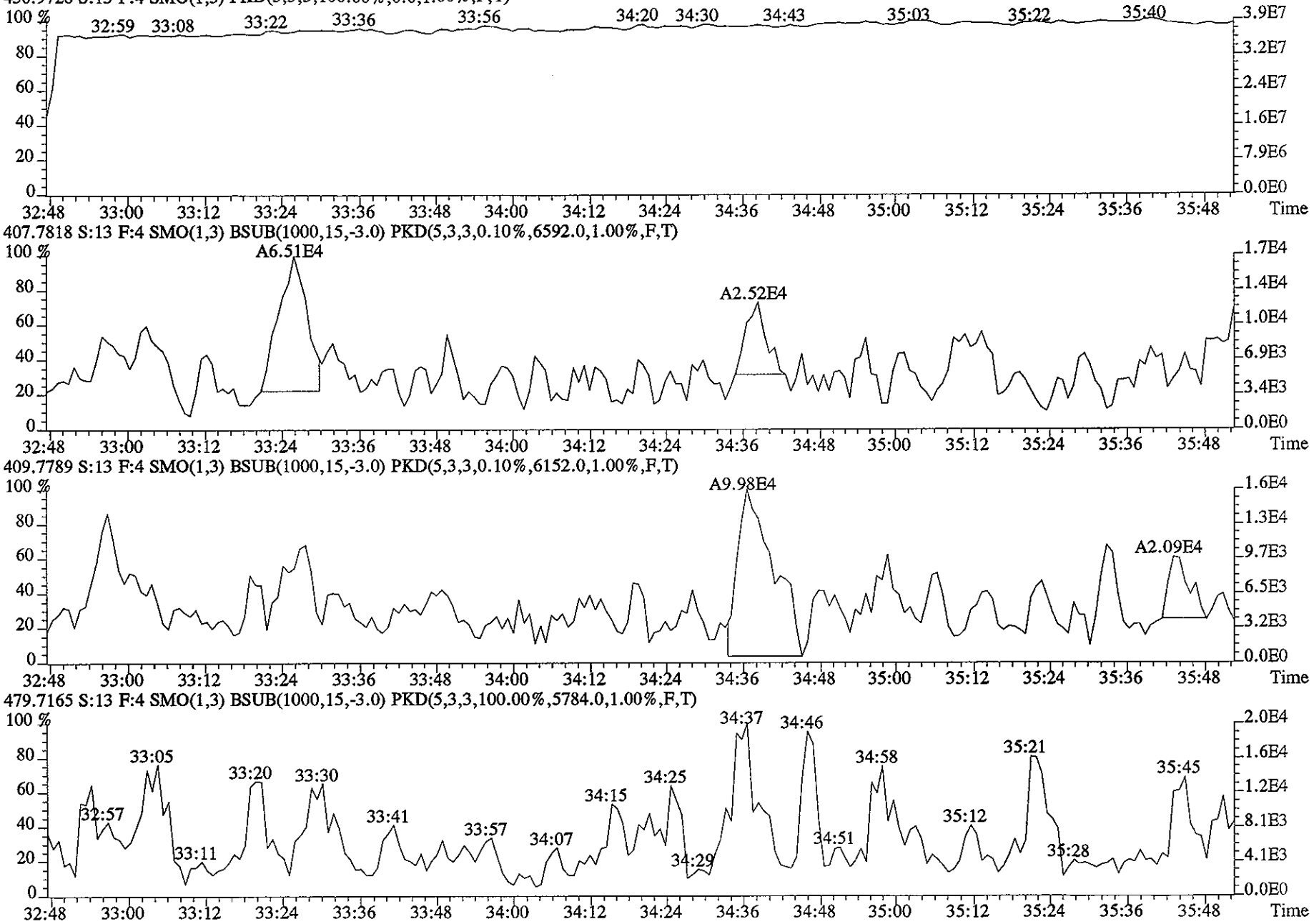
445.7555 S:13 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5040.0,1.00%,F,T)



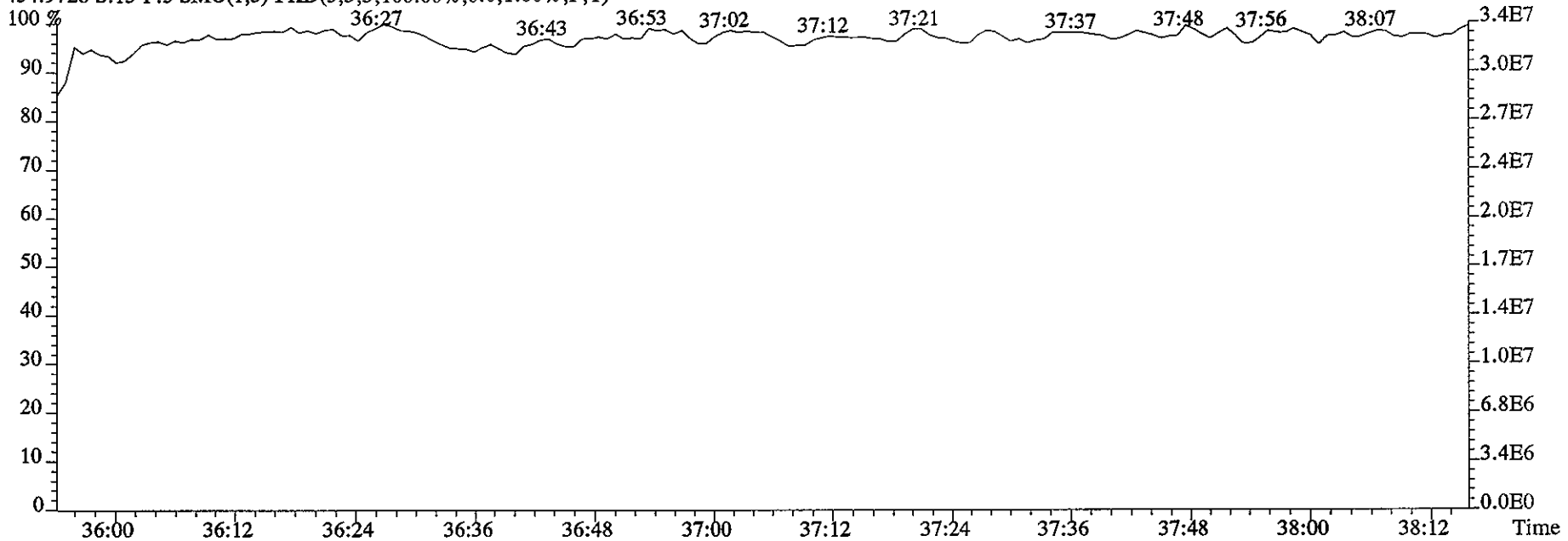
380.9760 S:13 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



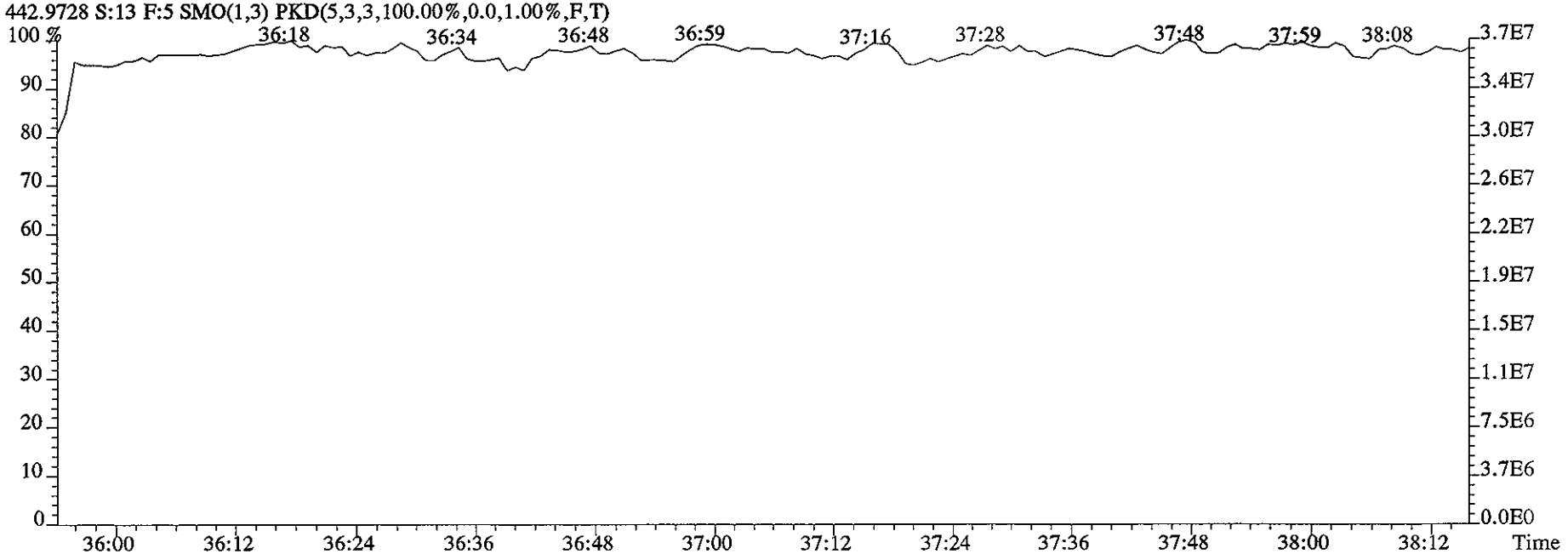
File:11JA061D5 #1-218 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN



File:11JA061D5 #1-171 Acq:11-JAN-2006 17:03:49 GC EI+ Voltage SIR 70SE
Sample#13 Text:HT1WM-1-AA :G5L300272-7 Exp:DIOXIN
454.9728 S:13 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:13 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Run text: HT1W0-1-AA Sample text: HT1W0-1-AA :G5L300272-13
Run #12 Filename: 11JA061D5 S: 14 I: 1 Results: 11ja061d58290
Acquired: 11-JAN-06 17:45:29 Processed: 11-JAN-06 20:06:13
Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 1.02 L

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	78994100	0.81	y	16:56	-	73.89	-	-	n
13C-2,3,7,8-TCDF	110940800	0.79	y	16:28	1.68	1633.77	4.54	83.5	n
2,3,7,8-TCDF	53796	1.57	n	16:29	1.16	~~0.82~~	2.07	-	n
Total TCDF	53796	1.57	n	16:29	1.16	~~0.82~~	2.07	-	n
13C-2,3,7,8-TCDD	61627100	0.85	y	17:07	0.90	1704.26	10.03	87.1	n
2,3,7,8-TCDD	*	*	n	NotFnd	1.32	*	3.74	-	n
Total TCDD	*	*	n	NotFnd	1.32	*	3.74	-	n
37Cl-2,3,7,8-TCDD	63500200	1.00	y	17:08	2.44	643.78	2.39	82.2	n
13C-1,2,3,7,8-PeCDF	89278600	1.57	y	21:06	1.54	1432.10	4.58	73.2	n
1,2,3,7,8-PeCDF	*	*	n	NotFnd	1.00	*	4.43	-	n
2,3,4,7,8-PeCDF	*	*	n	NotFnd	1.05	*	4.24	-	n
Total F2 PeCDF	136102	0.75	n	19:43	1.03	~~2.91~~	~~4.33~~	-	n
Total F1 PeCDF	204662	0.64	n	14:46	1.03	~~4.37~~	~~3.52~~ 4.43	-	n
13C-1,2,3,7,8-PeCDD	59710300	1.59	y	22:58	0.91	1619.06	5.60	82.7	n
1,2,3,7,8-PeCDD	*	*	n	NotFnd	1.04	*	6.00	-	n
Total PeCDD	76454	1.85	n	21:05	1.04	~~2.40~~	6.00	-	n
13C-1,2,3,7,8,9-HxCDD	55871800	1.32	y	31:26	-	56.81	-	-	n
13C-1,2,3,4,7,8-HxCDF	61051300	0.52	y	28:54	1.38	1546.62	12.54	79.0	n
1,2,3,4,7,8-HxCDF	*	*	n	NotFnd	1.11	*	9.07	-	n
1,2,3,6,7,8-HxCDF	*	*	n	NotFnd	1.14	*	8.84	-	n
2,3,4,6,7,8-HxCDF	*	*	n	NotFnd	1.06	*	9.47	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.02	*	9.89	-	n
Total HxCDF	*	*	n	NotFnd	1.08	*	~~9.30~~ 9.89	-	n
13C-1,2,3,6,7,8-HxCDD	46794100	1.22	y	31:00	0.96	1712.05	11.44	87.5	n
1,2,3,4,7,8-HxCDD	*	*	n	NotFnd	0.95	*	9.33	-	n
1,2,3,6,7,8-HxCDD	*	*	n	NotFnd	1.00	*	8.89	-	n
1,2,3,7,8,9-HxCDD	*	*	n	NotFnd	1.04	*	8.53	-	n
Total HxCDD	*	*	n	NotFnd	1.00	*	~~8.91~~ 9.33	-	n
13C-1,2,3,4,6,7,8-HpCDF	45622400	0.46	y	33:26	1.13	1415.24	15.22	72.3	n
1,2,3,4,6,7,8-HpCDF	*	*	n	NotFnd	1.31	*	4.82	-	n
1,2,3,4,7,8,9-HpCDF	*	*	n	NotFnd	1.19	*	5.31	-	n
Total HpCDF	49188	0.72	n	32:55	1.25	~~1.69~~	~~5.06~~ 5.31	-	n
13C-1,2,3,4,6,7,8-HpCDD	41296800	1.05	y	34:19	1.00	1449.77	12.63	74.1	n
1,2,3,4,6,7,8-HpCDD	*	*	n	NotFnd	0.95	*	8.97	-	n
Total HpCDD	257405	3.05	n	33:26	0.95	~~12.07~~	8.97	-	n
13C-OCDD	59154700	0.94	y	36:53	0.81	2560.84	15.19	65.4	n

OCDF	*	* n NotFnd 1.32	*	11.07	-	n
OCDD	*	* n NotFnd 1.00	*	11.41	-	n

Run text: HT1W0-1-AA Sample text: HT1W0-1-AA :G5L300272-13
Run #12 Filename: 11JA061D5 S: 14 I: 1 Results: 11JA061D58290
Acquired: 11-JAN-06 17:45:29 Processed: 11-JAN-06 20:06:13
Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 1.021650L

Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	78994100	0.81	y	16:56	-	73.89	-	-	n
13C-2,3,7,8-TCDF	110940800	0.79	y	16:28	1.68	1633.77	4.54	83.5	n
2,3,7,8-TCDF	53796	1.57	n	16:29	1.16	0.82	2.07	-	n
Total TCDF	53796	1.57	n	16:29	1.16	0.82	2.07	-	n
13C-2,3,7,8-TCDD	61627100	0.85	y	17:07	0.90	1704.26	10.03	87.1	n
2,3,7,8-TCDD	*	*	n	NotFnd	1.32	*	3.74	-	n
Total TCDD	*	*	n	NotFnd	1.32	*	3.74	-	n
37Cl-2,3,7,8-TCDD	63500200	1.00	y	17:08	2.44	643.78	2.39	82.2	n
13C-1,2,3,7,8-PeCDF	89278600	1.57	y	21:06	1.54	1432.10	4.58	73.2	n
1,2,3,7,8-PeCDF	*	*	n	NotFnd	1.00	*	4.43	-	n
2,3,4,7,8-PeCDF	*	*	n	NotFnd	1.05	*	4.24	-	n
Total F2 PeCDF	136102	0.75	n	19:43	1.03	2.91	4.33	-	n
Total F1 PeCDF	204662	0.64	n	14:46	1.03	4.37	3.52	-	n
13C-1,2,3,7,8-PeCDD	*	*	n	NotFnd	0.91	*	5.60	*	n
1,2,3,7,8-PeCDD	*	*	n	NotFnd	1.04	*	*	-	n
Total PeCDD	76454	1.85	n	21:05	1.04	*	*	-	n
13C-1,2,3,7,8,9-HxCDD	55871800	1.32	y	31:26	-	56.81	-	-	n
13C-1,2,3,4,7,8-HxCDF	61051300	0.52	y	28:54	1.38	1546.62	12.54	79.0	n
1,2,3,4,7,8-HxCDF	*	*	n	NotFnd	1.11	*	9.07	-	n
1,2,3,6,7,8-HxCDF	*	*	n	NotFnd	1.14	*	8.84	-	n
2,3,4,6,7,8-HxCDF	*	*	n	NotFnd	1.06	*	9.47	-	n
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.02	*	9.89	-	n
Total HxCDF	*	*	n	NotFnd	1.08	*	9.30	-	n
13C-1,2,3,6,7,8-HxCDD	46794100	1.22	y	31:00	0.96	1712.05	11.44	87.5	n
1,2,3,4,7,8-HxCDD	*	*	n	NotFnd	0.95	*	9.33	-	n
1,2,3,6,7,8-HxCDD	*	*	n	NotFnd	1.00	*	8.89	-	n
1,2,3,7,8,9-HxCDD	*	*	n	NotFnd	1.04	*	8.53	-	n
Total HxCDD	*	*	n	NotFnd	1.00	*	8.91	-	n
13C-1,2,3,4,6,7,8-HpCDF	45622400	0.46	y	33:26	1.13	1415.24	15.22	72.3	n
1,2,3,4,6,7,8-HpCDF	*	*	n	NotFnd	1.31	*	4.82	-	n
1,2,3,4,7,8,9-HpCDF	*	*	n	NotFnd	1.19	*	5.31	-	n
Total HpCDF	49188	0.72	n	32:55	1.25	1.69	5.06	-	n
13C-1,2,3,4,6,7,8-HpCDD	41296800	1.05	y	34:19	1.00	1449.77	12.63	74.1	n
1,2,3,4,6,7,8-HpCDD	*	*	n	NotFnd	0.95	*	8.97	-	n
Total HpCDD	257405	3.05	n	33:26	0.95	12.87	8.97	-	n
13C-OCDD	59154700	0.94	y	36:53	0.81	2560.84	15.19	65.4	n

OCDF	*	* n NotFnd 1.32	*	11.07	-	n
OCDD	*	* n NotFnd 1.00	*	11.41	-	n

Run Text: HT1W0-1-AA Sample text: HT1W0-1-AA :G5L300272-13

Name: Total TCDF F:1 Mass: 303.902 305.899 Mod? no #Hom:1
Run: 12 File: 11JA061D5 S:14 Acq:11-JAN-06 17:45:29
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

Amount:	0.83 of which	0.83 named and	*	unnamed
Conc:	0.82 of which	0.82 named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
2,3,7,8-TCDF	1	16:29	1.57	n	0.82	47844	2.2	n	n
						30393	1.4	n	n

Run Text: HT1W0-1-AA Sample text: HT1W0-1-AA :G5L300272-13

Name: Total TCDD F:1 Mass: 319.897 321.894 Mod? no #Hom:0
Run: 12 File: 11JA061D5 S:14 Acq:11-JAN-06 17:45:29
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

Amount:	* of which	* named and	*	unnamed
Conc:	* of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HT1W0-1-AA Sample text: HT1W0-1-AA :G5L300272-13

Name: Total F2 PeCDF F:2 Mass: 339.860 341.857 Mod? no #Hom:2
Run: 12 File: 11JA061D5 S:14 Acq:11-JAN-06 17:45:29
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

Amount:	2.97 of which	* named and	2.97	unnamed
Conc:	2.91 of which	* named and	2.91	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	19:43	0.75	n	0.62	17716	0.9	n	n
						23656	1.2	n	n
	2	22:54	0.40	n	2.28	65012	2.2	n	n
						161558	2.9	n	n

Run Text: HT1W0-1-AA Sample text: HT1W0-1-AA :G5L300272-13

Name: Total F1 PeCDF F:1 Mass: 339.860 341.857 Mod? no #Hom:2
Run: 12 File: 11JA061D5 S:14 Acq:11-JAN-06 17:45:29
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

Amount:	4.47 of which	* named and	4.47	unnamed
Conc:	4.37 of which	* named and	4.37	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	14:46	0.64	n	2.21	62853	3.4	y	n	
						97450	4.2	y	n	
	2	18:09	0.60	n	2.16	61549	3.1	y	n	
						102105	3.0	y	n	

Run Text: HT1W0-1-AA Sample text: HT1W0-1-AA :G5L300272-13

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:1
Run: 12 File: 11JA061D5 S:14 Acq:11-JAN-06 17:45:29
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

Amount:	* of which	* named and	*	unnamed
Conc:	* of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	21:05	1.85	n	*	55489	1.9	n	n	
						29982	1.5	n	n	

Run Text: HT1W0-1-AA Sample text: HT1W0-1-AA :G5L300272-13

Name: Total HxCDF F:3 Mass: 373.821 375.818 Mod? no #Hom:0
Run: 12 File: 11JA061D5 S:14 Acq:11-JAN-06 17:45:29
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

Amount:	* of which	* named and	*	unnamed
Conc:	* of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	NotF	*	n	*	*	*	n	n	
						*	*	n	n	

Run Text: HT1W0-1-AA Sample text: HT1W0-1-AA :G5L300272-13

Name: Total PeCDD F:2 Mass: 355.855 357.852 Mod? no #Hom:1
Run: 12 File: 11JA061D5 S:14 Acq:11-JAN-06 17:45:29
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 8290120905lD5 Results: 11ja061d

Amount:	2.45 of which	* named and	2.45	unnamed
Conc:	2.40 of which	* named and	2.40	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?	
	1	21:05	1.85	n	2.40	55489	1.9	n	n	SA
						29982	1.5	n	n	

Run Text: HT1W0-1-AA Sample text: HT1W0-1-AA :G5L300272-13

Name: Total HxCDD F:3 Mass: 389.816 391.813 Mod? no #Hom:0
Run: 12 File: 11JA061D5 S:14 Acq:11-JAN-06 17:45:29
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

Amount:	* of which	* named and	*	unnamed
Conc:	* of which	* named and	*	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	NotF	*	n	*	*	*	n	n
						*	*	n	n

Run Text: HT1W0-1-AA Sample text: HT1W0-1-AA :G5L300272-13

Name: Total HpCDF F:4 Mass: 407.782 409.779 Mod? no #Hom:1
Run: 12 File: 11JA061D5 S:14 Acq:11-JAN-06 17:45:29
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

Amount:	1.72 of which	* named and	1.72	unnamed
Conc:	1.69 of which	* named and	1.69	unnamed

Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	32:55	0.72	n	1.69	25076	1.6	n	n
						34736	1.6	n	n

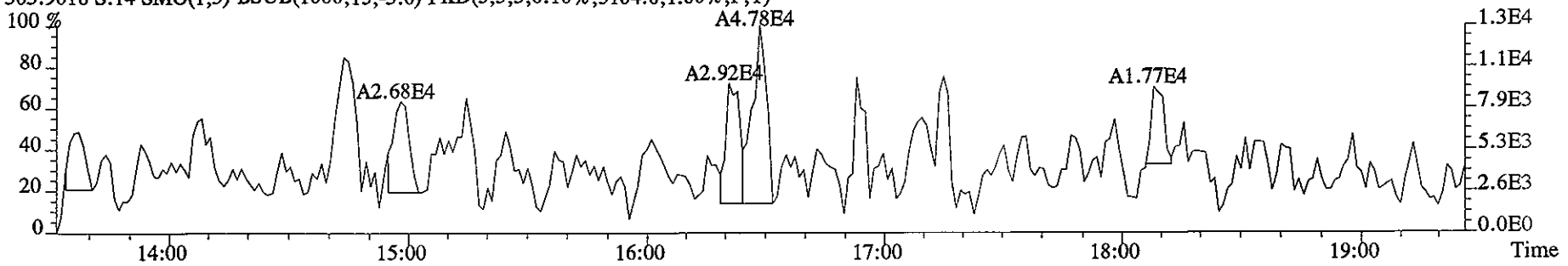
Run Text: HT1W0-1-AA Sample text: HT1W0-1-AA :G5L300272-13

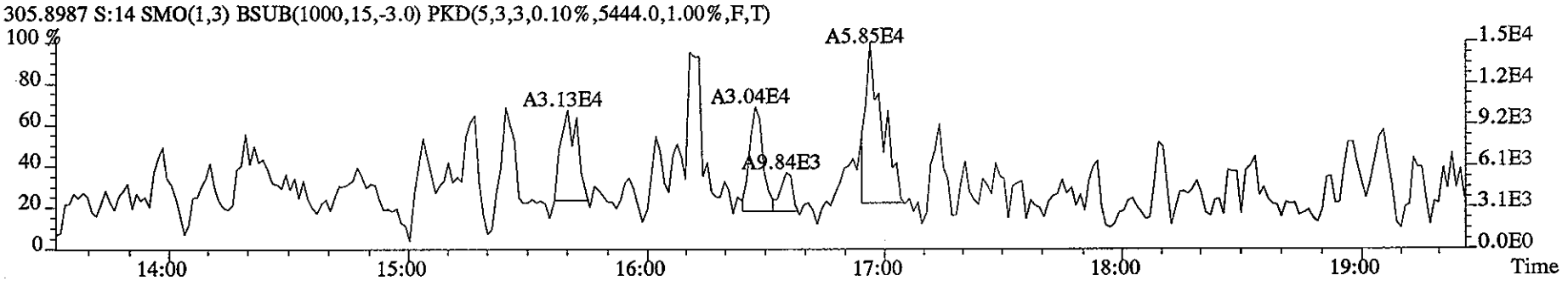
Name: Total HpCDD F:4 Mass: 423.777 425.774 Mod? no #Hom:3
Run: 12 File: 11JA061D5 S:14 Acq:11-JAN-06 17:45:29
Tables: Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D

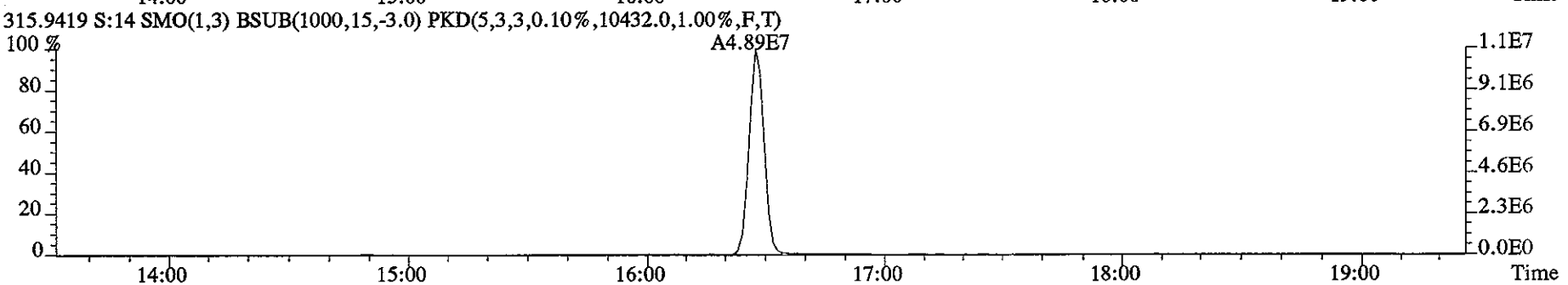
Amount:	13.14 of which	* named and	13.14	unnamed
Conc:	12.87 of which	* named and	12.87	unnamed

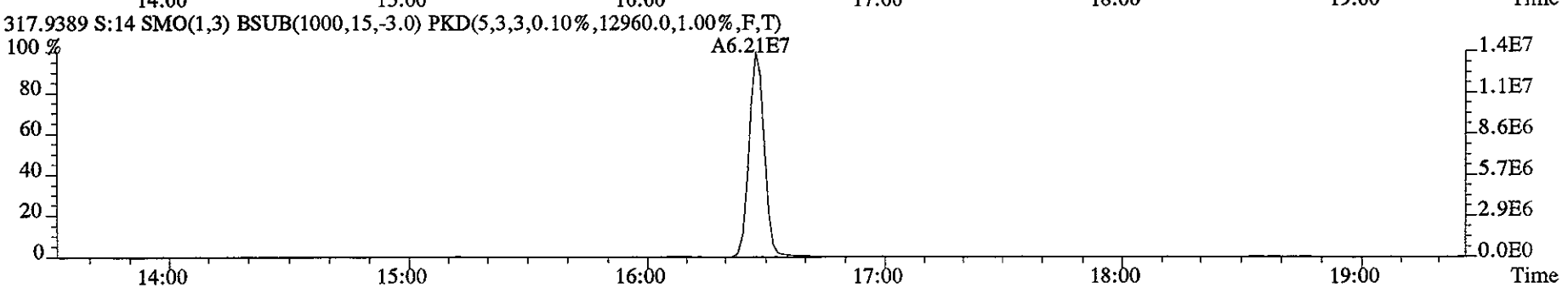
Name	#	R.T.	Ratio		Conc.	Area	S/N	>?	Mod?
	1	33:26	3.05	n	3.76	112596	5.1	y	n
						36886	1.4	n	n
	2	33:33	1.79	n	1.09	19130	1.1	n	n
						10693	0.6	n	n
	3	34:38	1.67	n	8.01	131040	4.8	y	n
						78599	2.8	n	n

File:11JA061D5 #1-322 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN

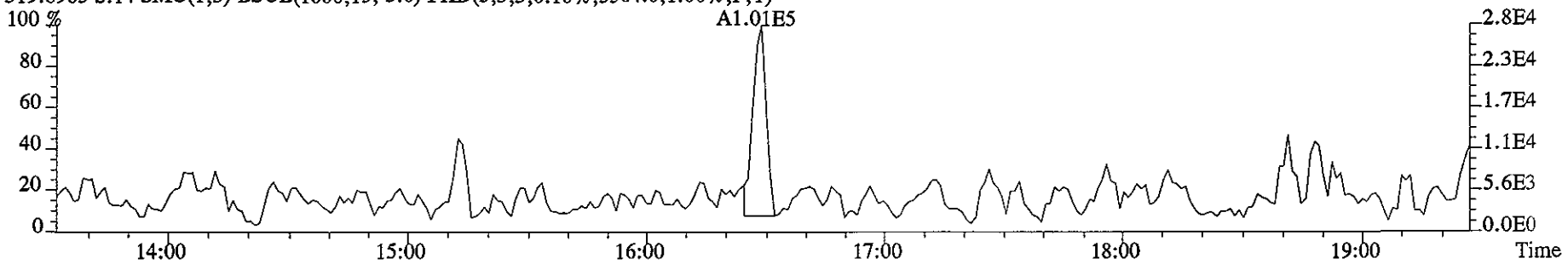


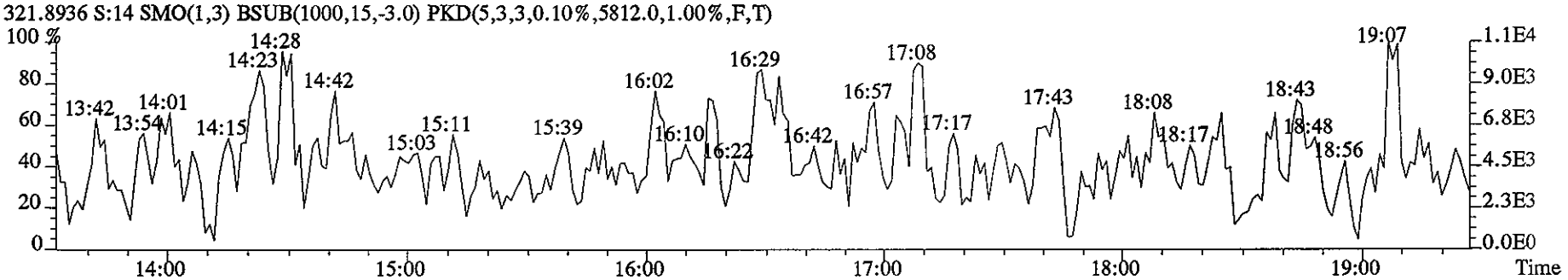


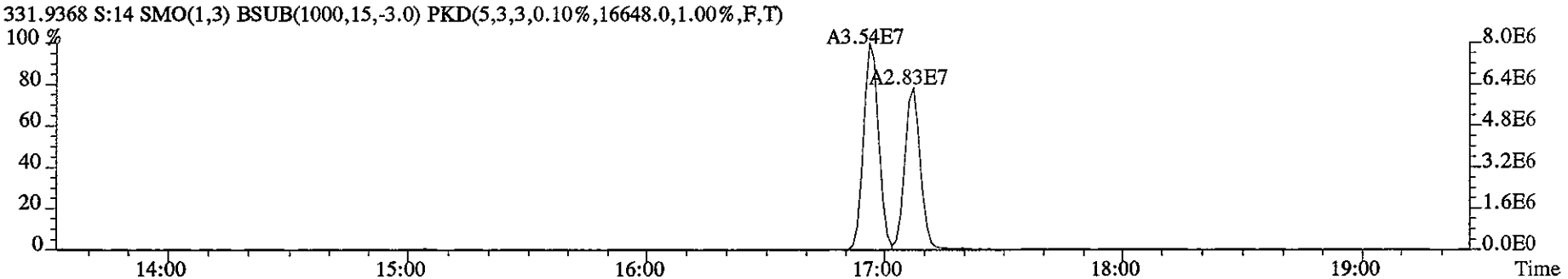


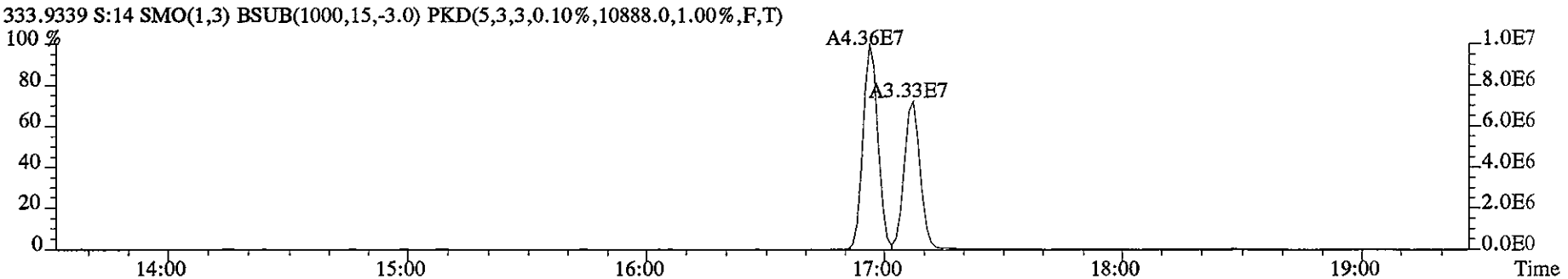


File:11JA061D5 #1-322 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN

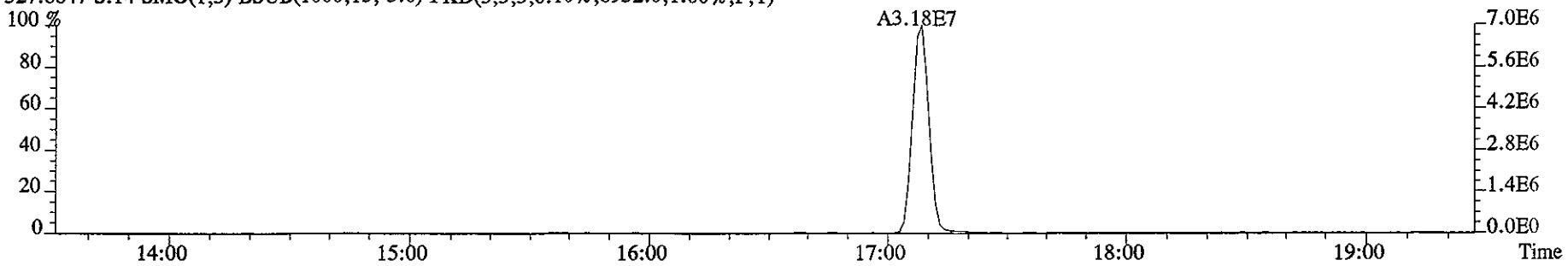




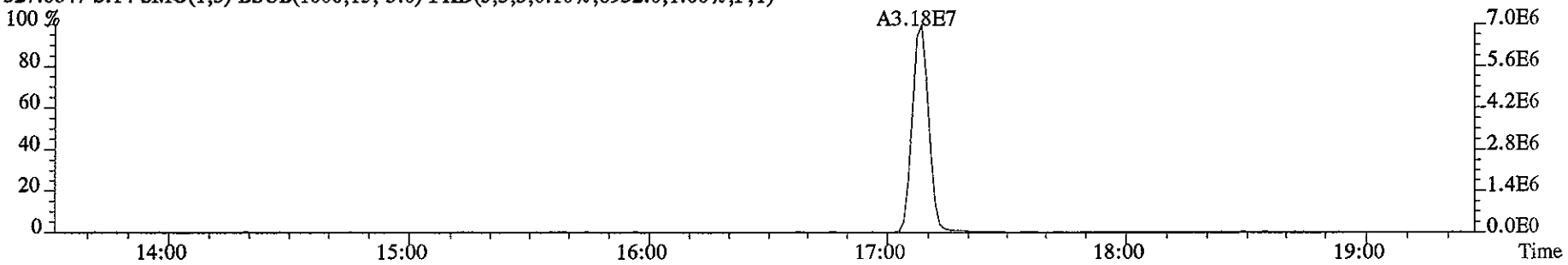




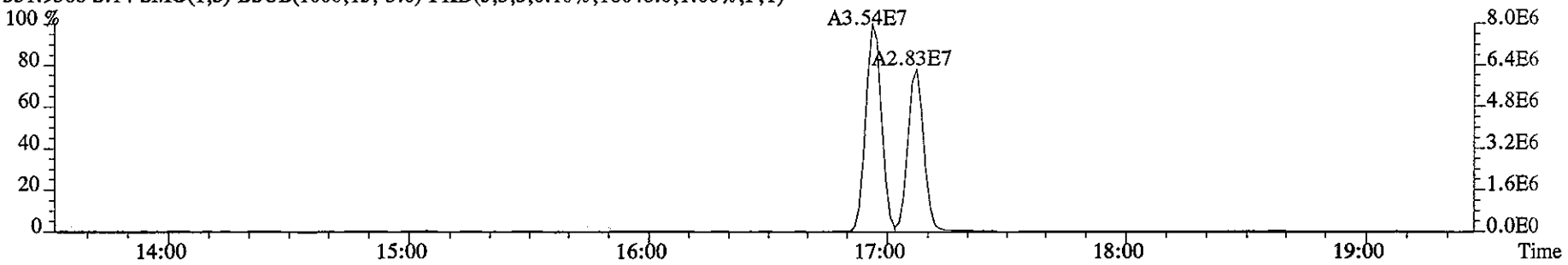
File:11JA061D5 #1-322 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN
327.8847 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8932.0,1.00%,F,T)



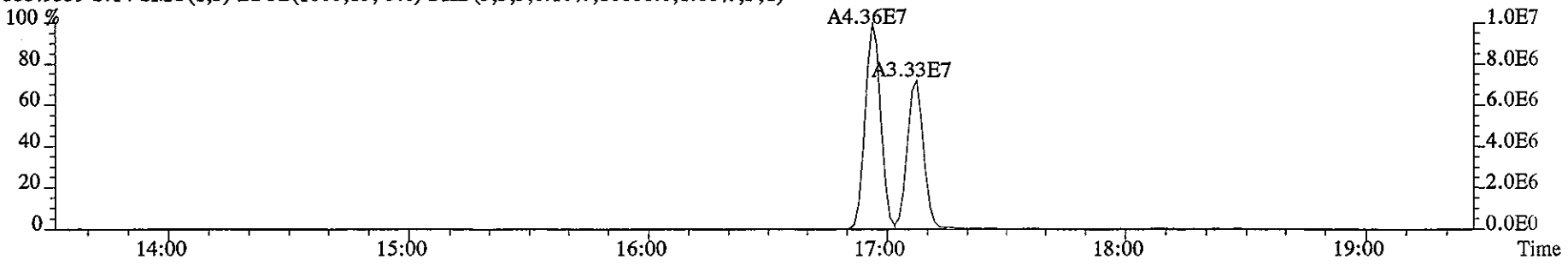
327.8847 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8932.0,1.00%,F,T)



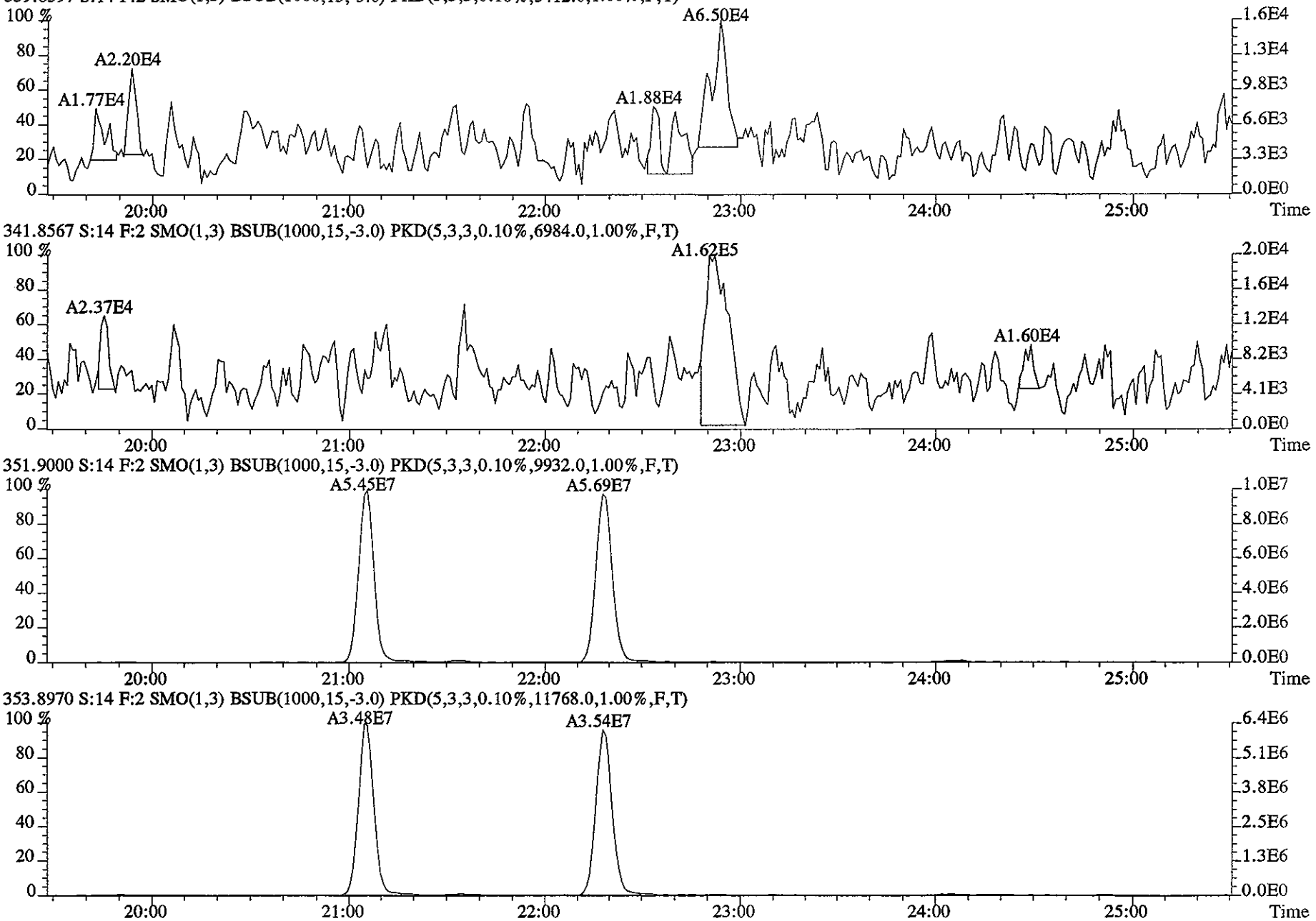
331.9368 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16648.0,1.00%,F,T)



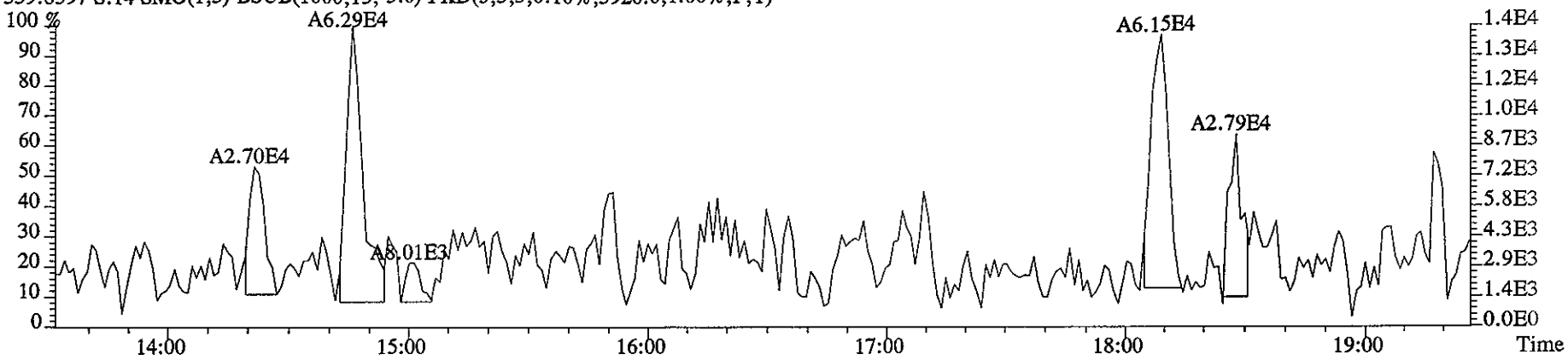
333.9339 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10888.0,1.00%,F,T)



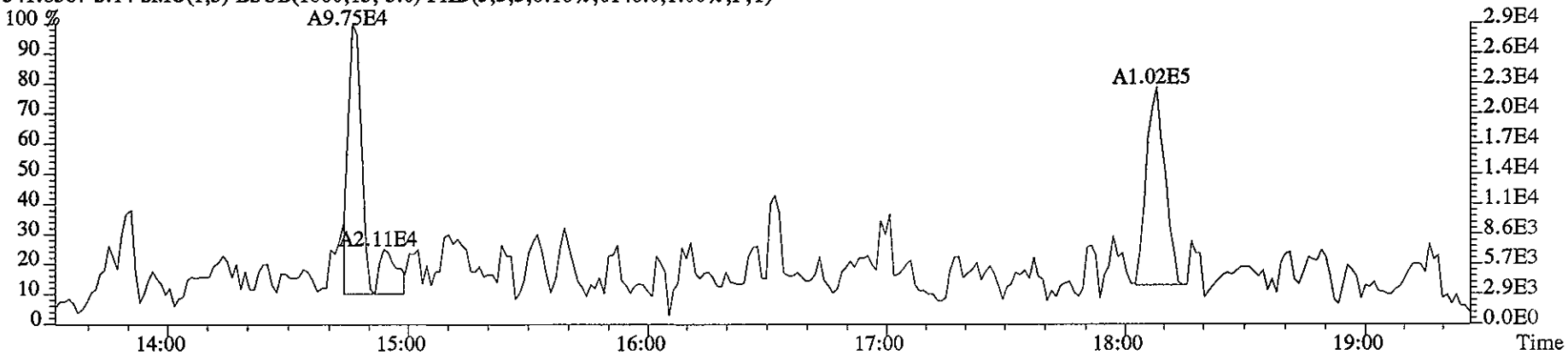
File:11JA061D5 #1-426 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN



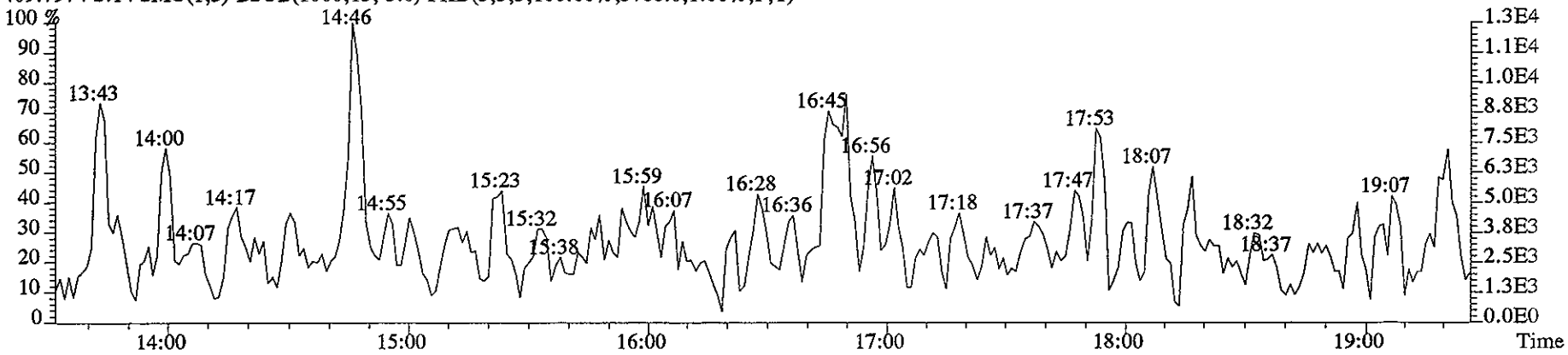
File:11JA061D5 #1-322 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN
339.8597 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3920.0,1.00%,F,T)



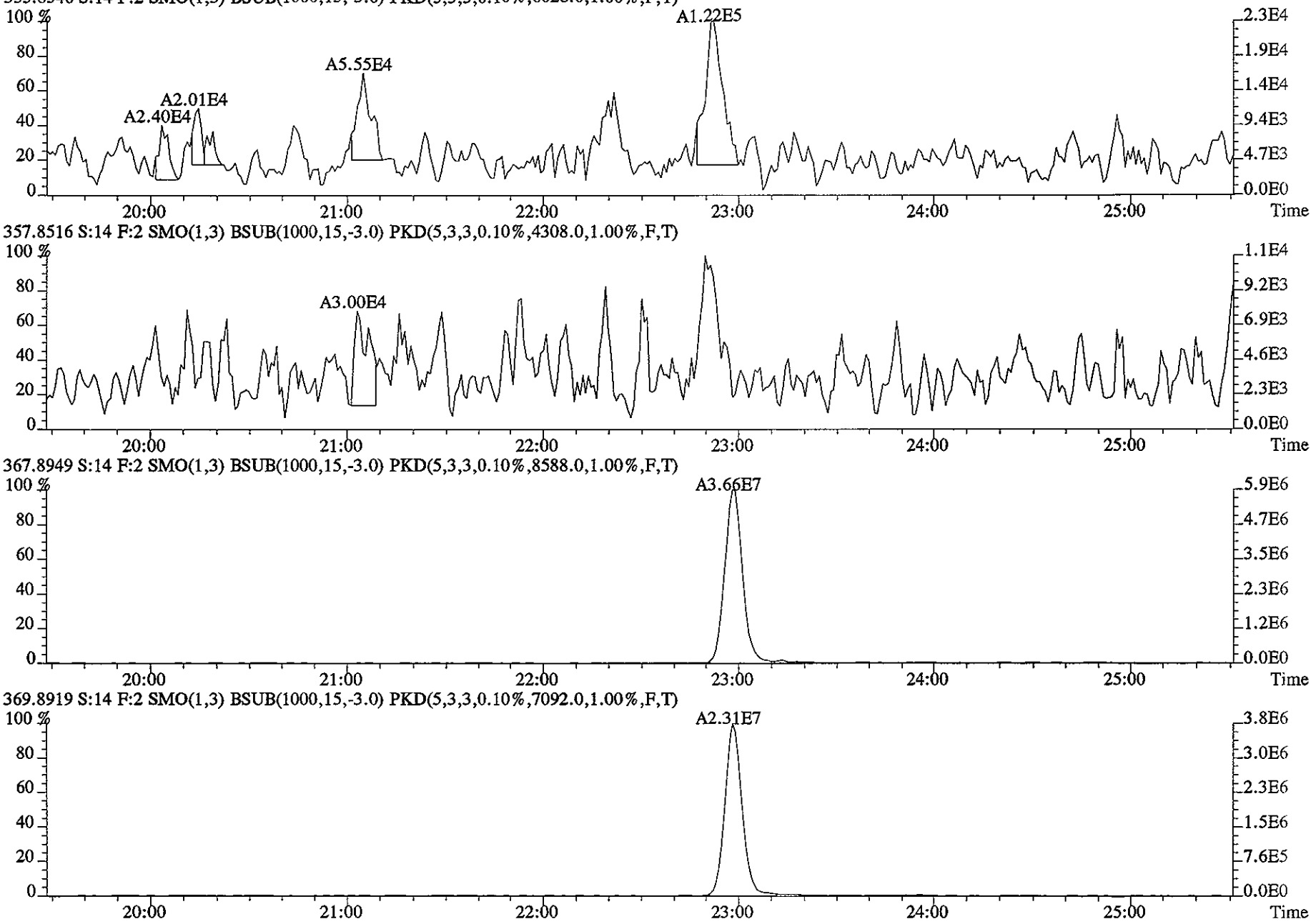
341.8567 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6148.0,1.00%,F,T)



409.7974 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3788.0,1.00%,F,T)

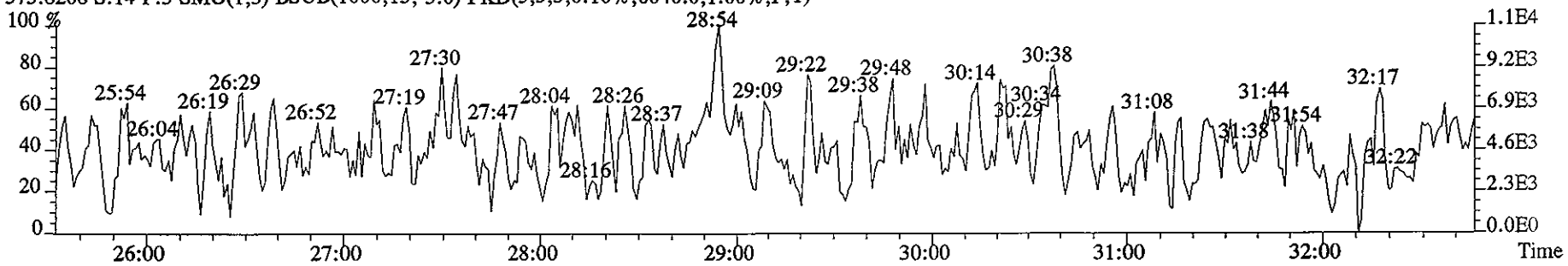


File:11JA061D5 #1-426 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN

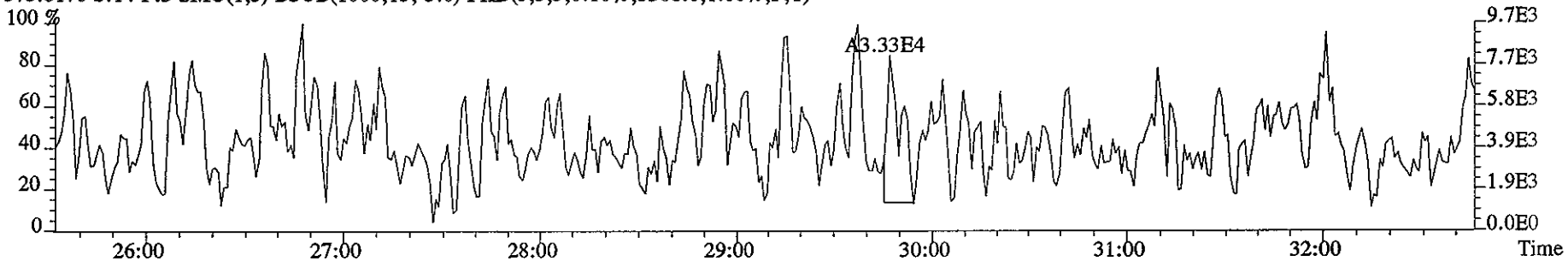


File:11JA061D5 #1-486 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN

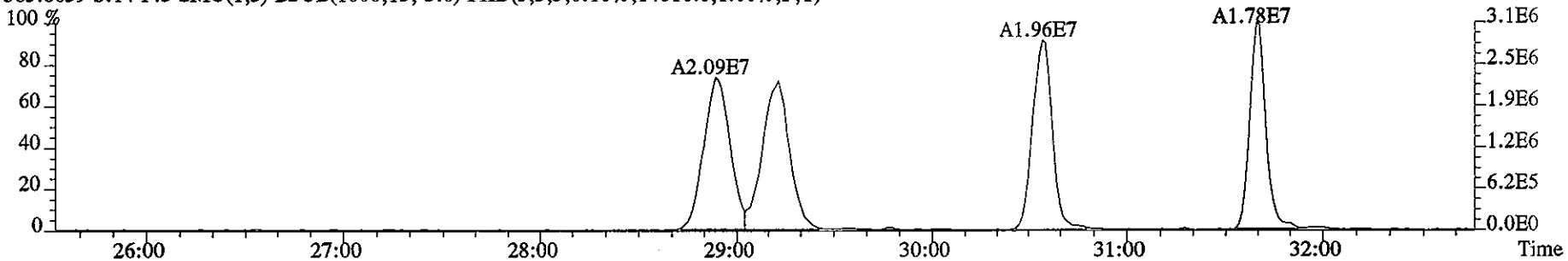
373.8208 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6040.0,1.00%,F,T)



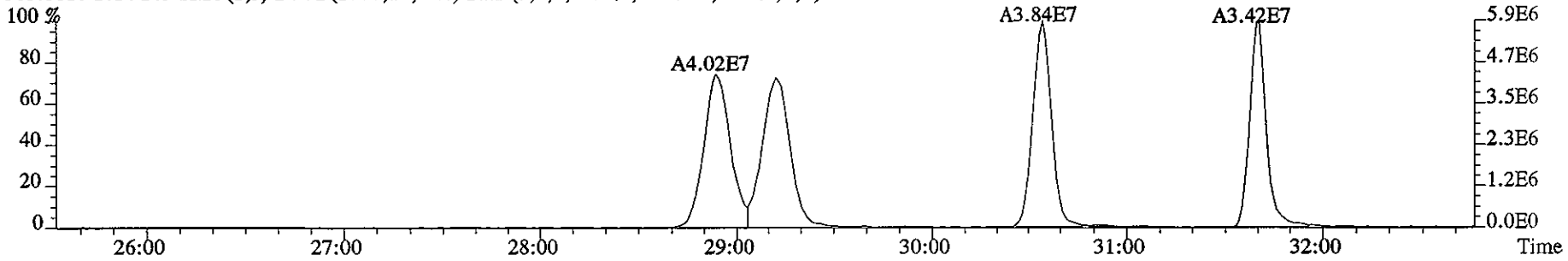
375.8178 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5308.0,1.00%,F,T)



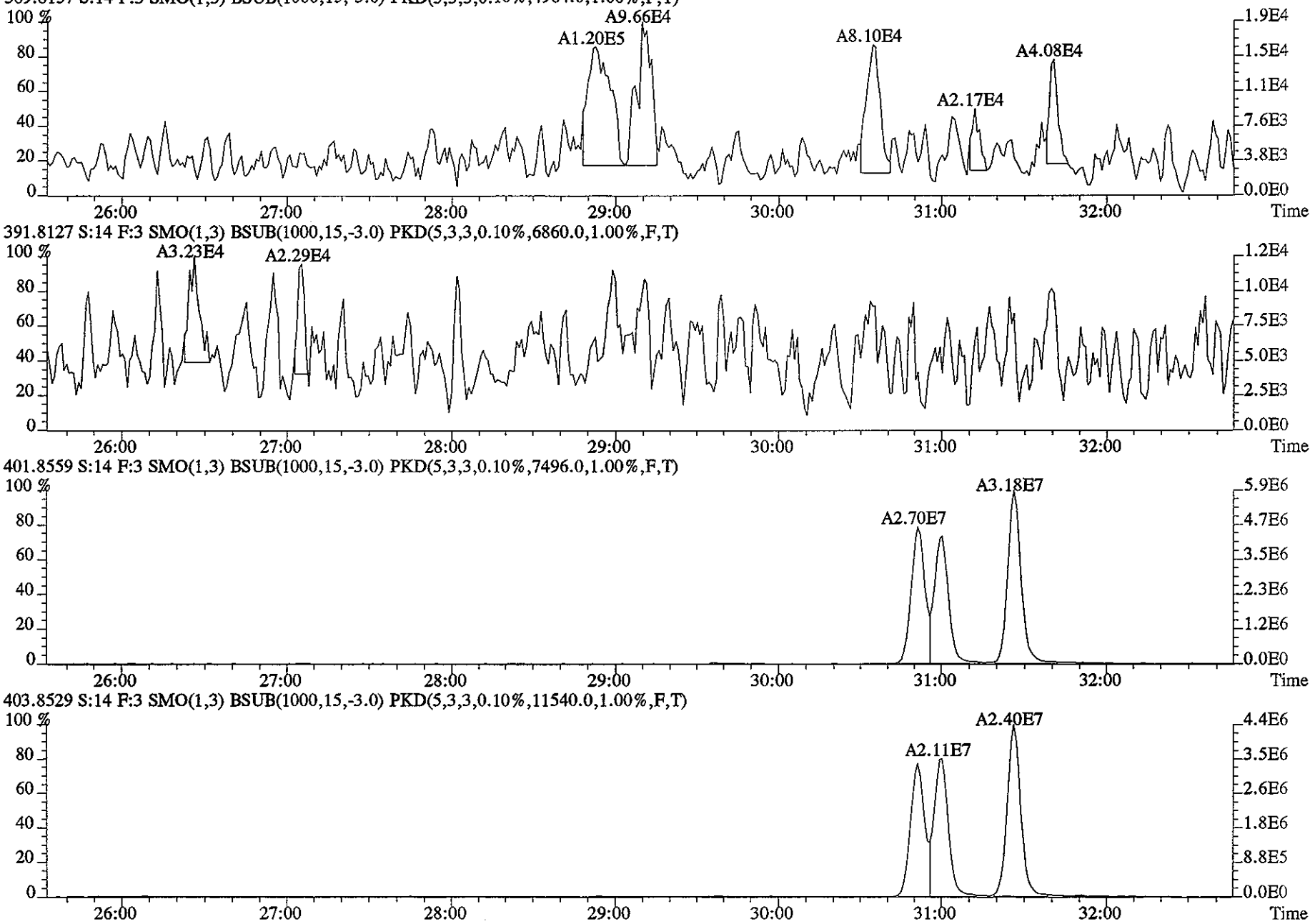
383.8639 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14016.0,1.00%,F,T)



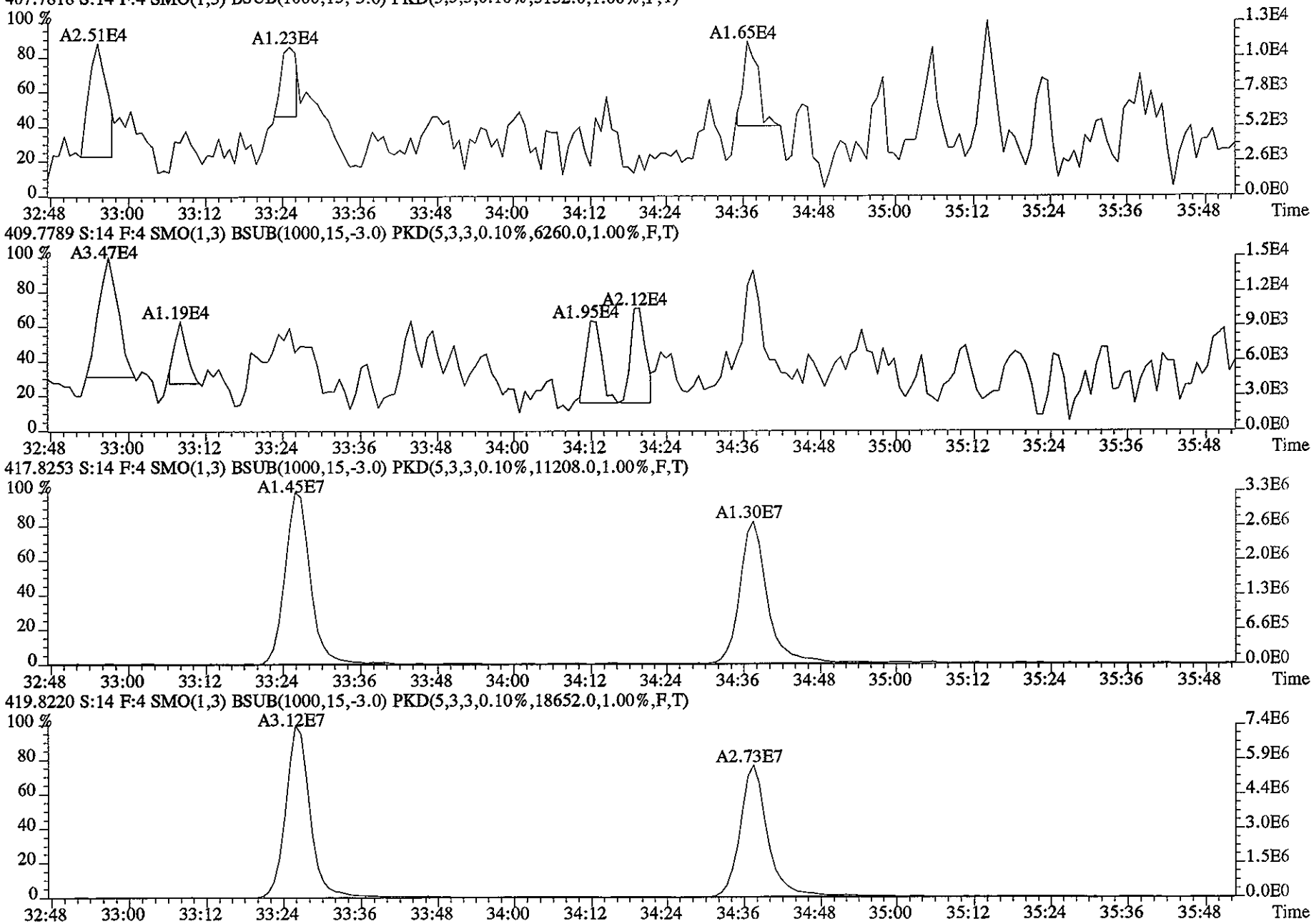
385.8610 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16112.0,1.00%,F,T)



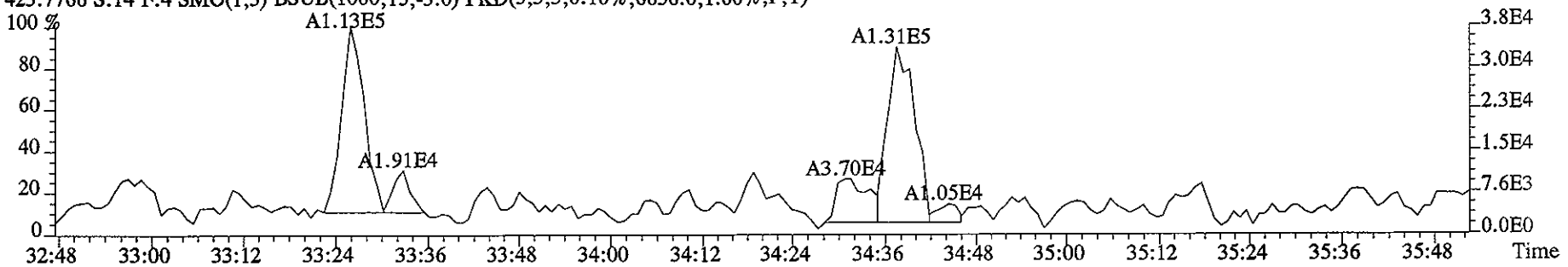
File:11JA061D5 #1-486 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN



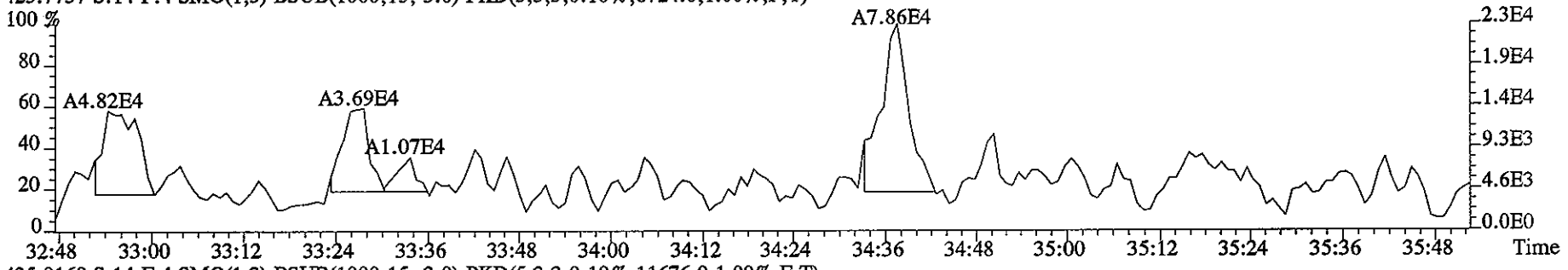
File:11JA061D5 #1-218 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN



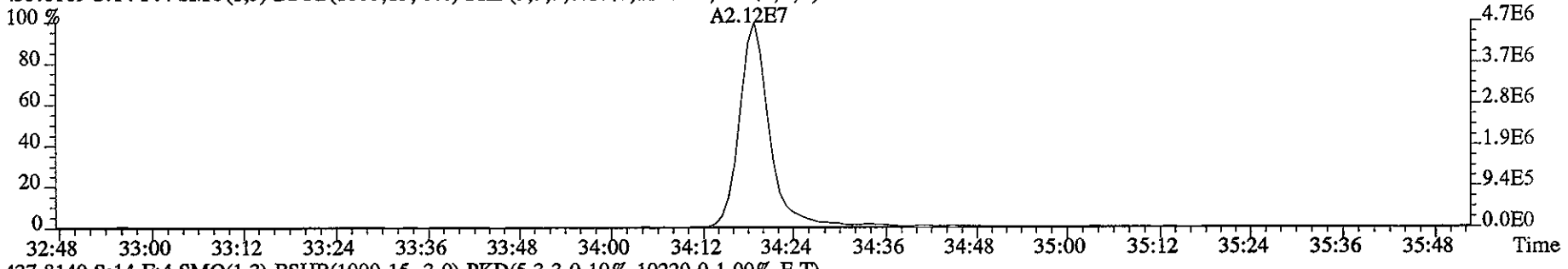
File:11JA061D5 #1-218 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN
423.7766 S:14 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6656.0,1.00%,F,T)



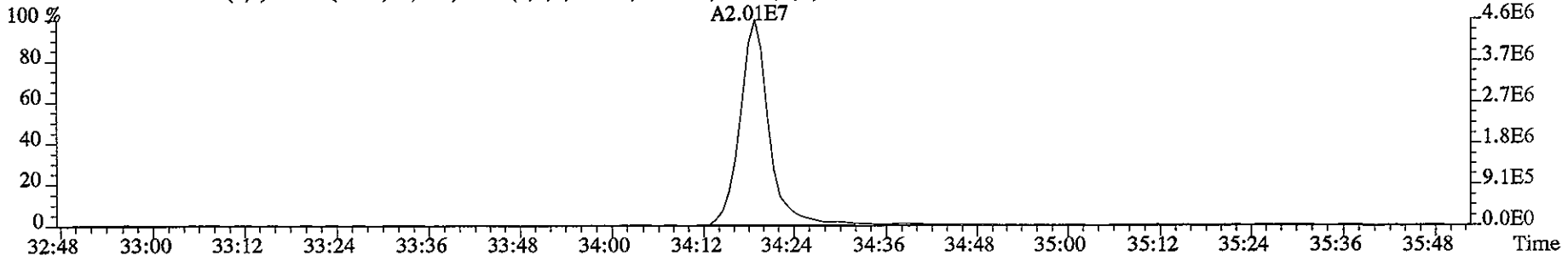
425.7737 S:14 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6724.0,1.00%,F,T)



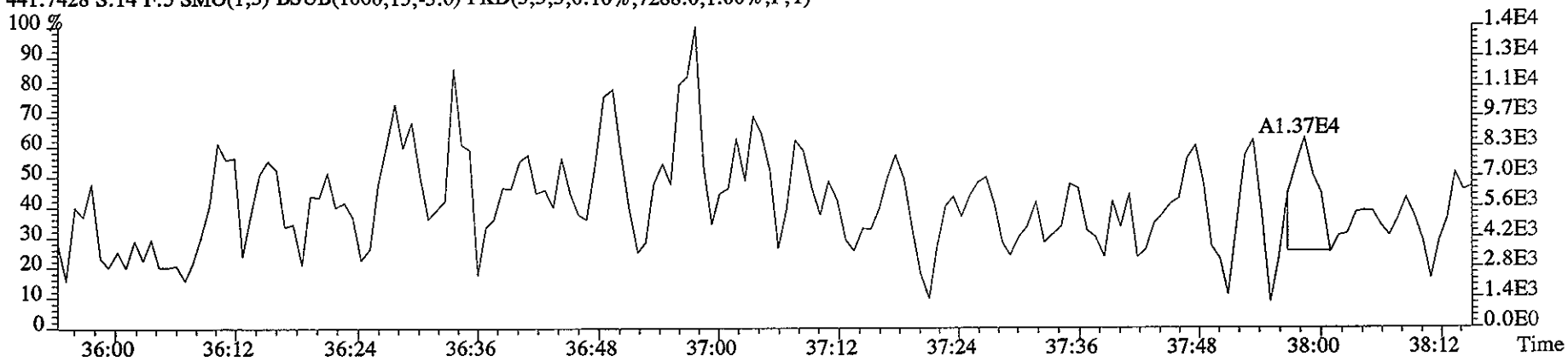
435.8169 S:14 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11676.0,1.00%,F,T)



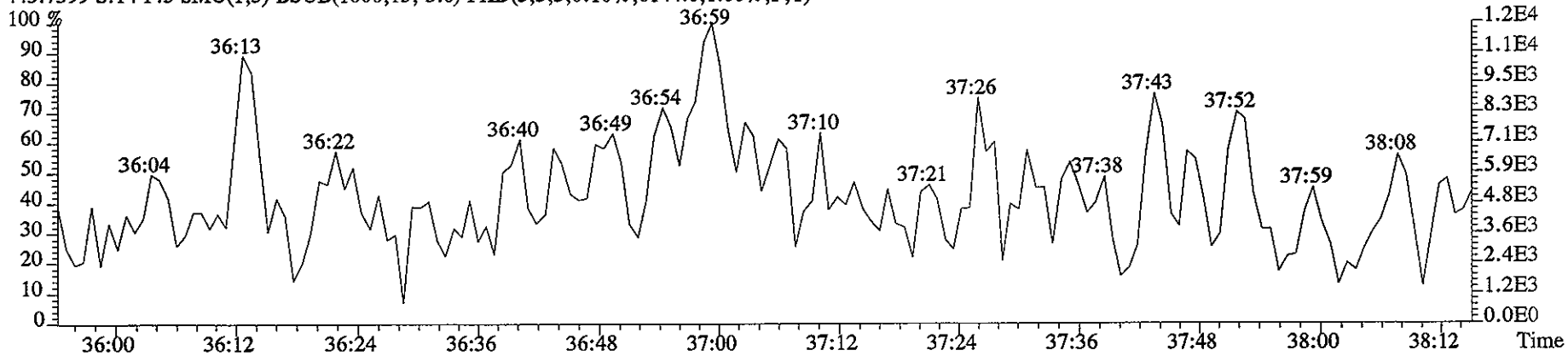
437.8140 S:14 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10220.0,1.00%,F,T)



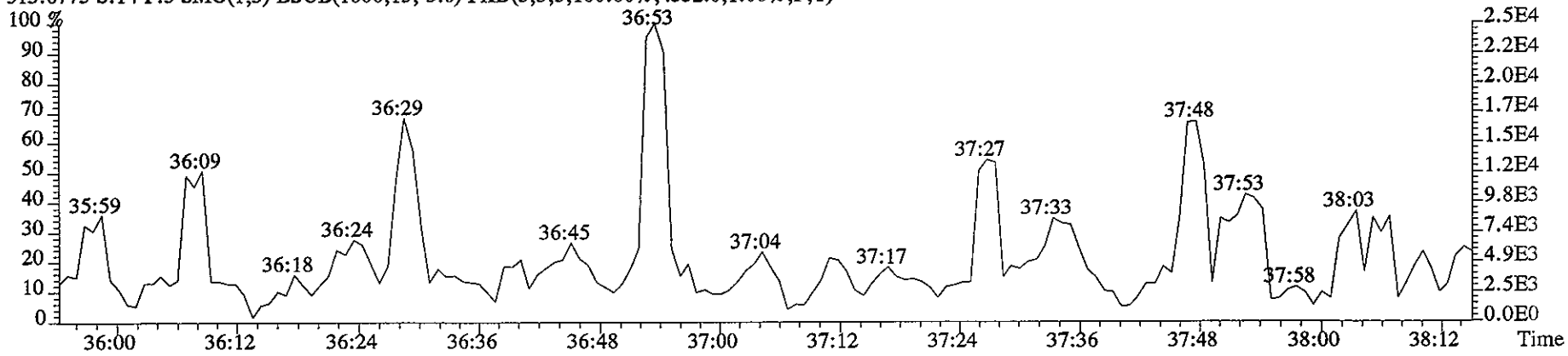
File:11JA061D5 #1-170 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN
441.7428 S:14 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7288.0,1.00%,F,T)



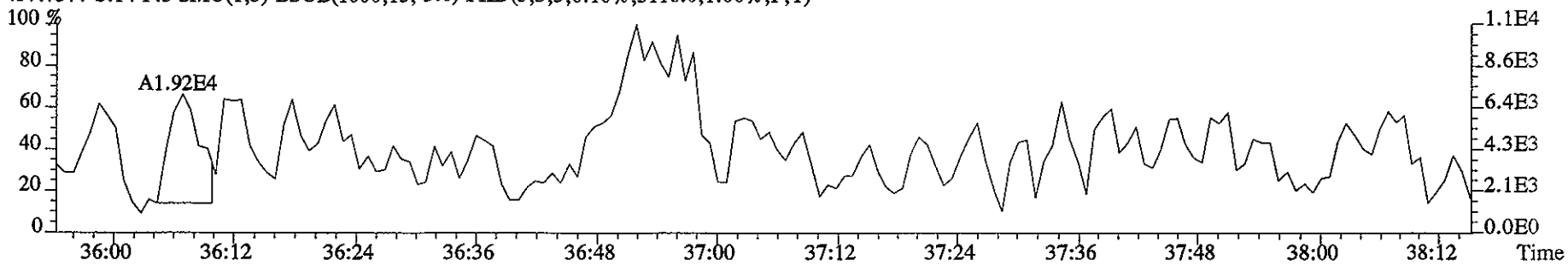
443.7399 S:14 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6144.0,1.00%,F,T)

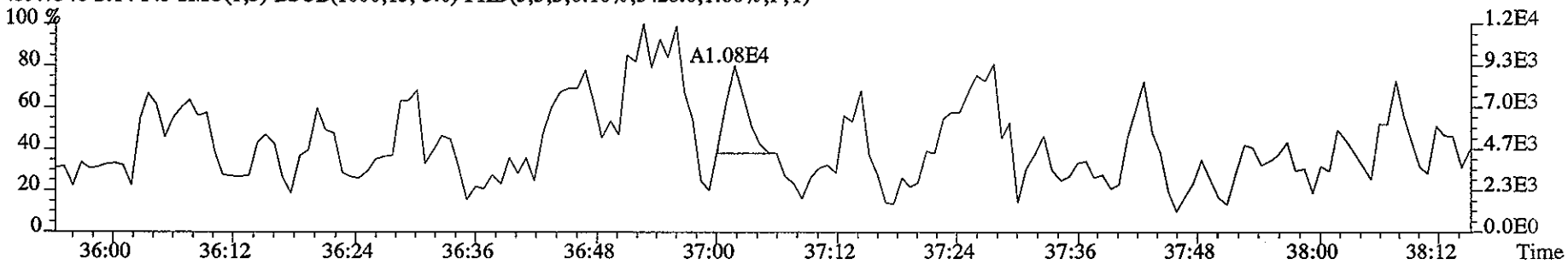


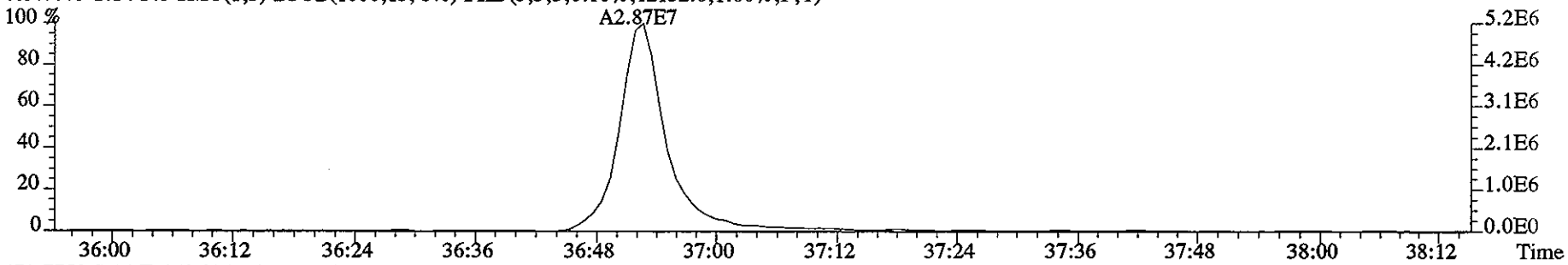
513.6775 S:14 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,4332.0,1.00%,F,T)

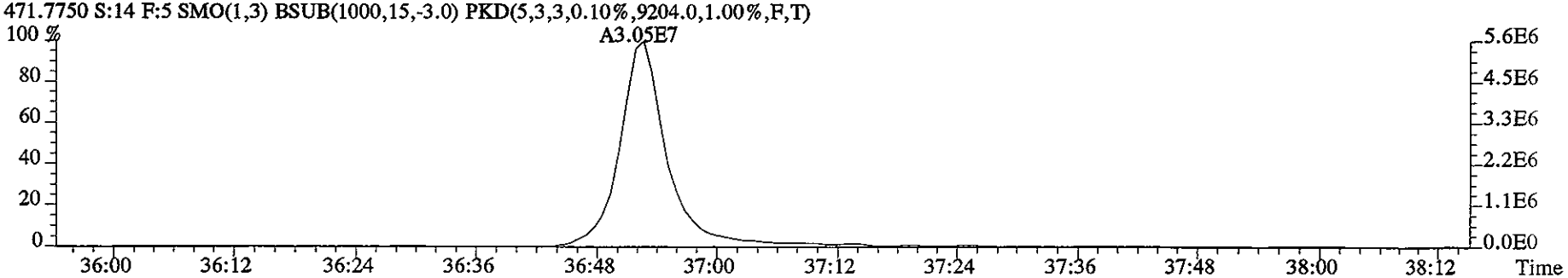


File:11JA061D5 #1-170 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN



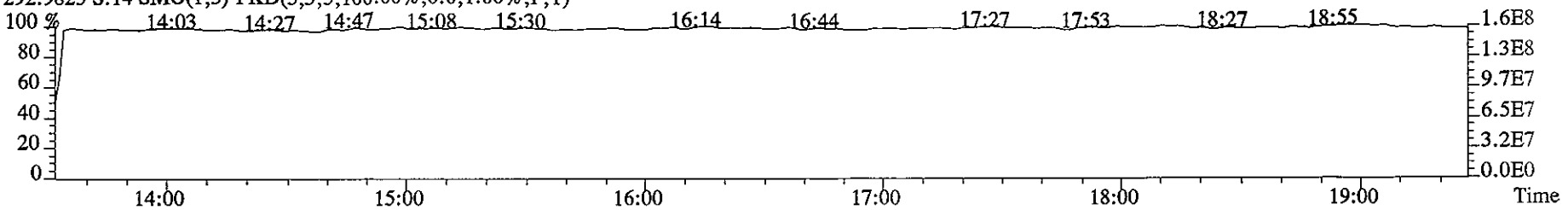




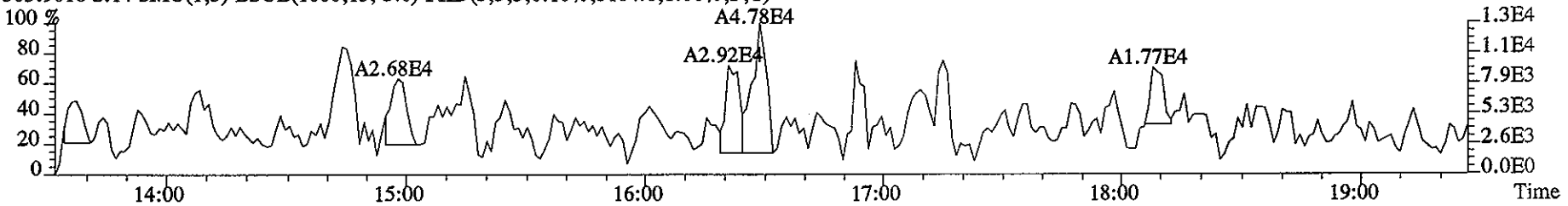


File:11JA061D5 #1-322 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN

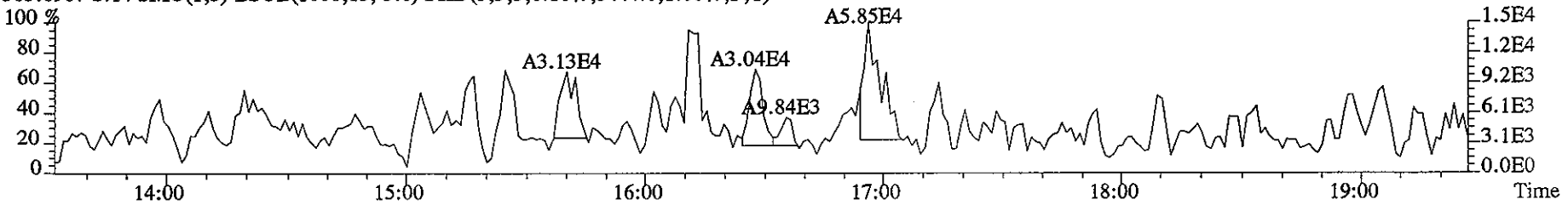
292.9825 S:14 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



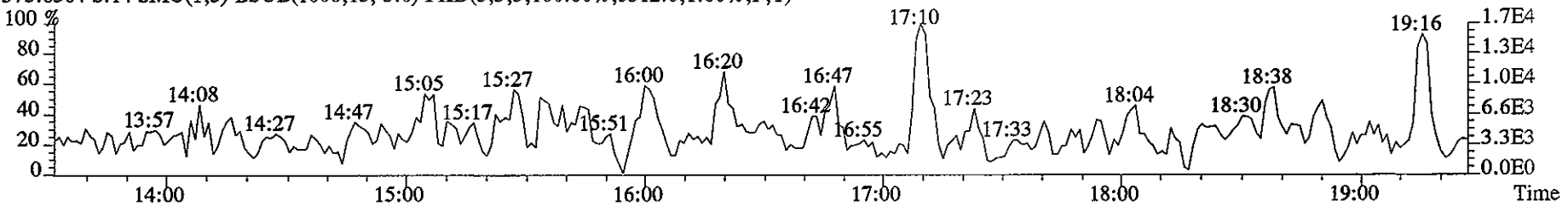
303.9016 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5104.0,1.00%,F,T)



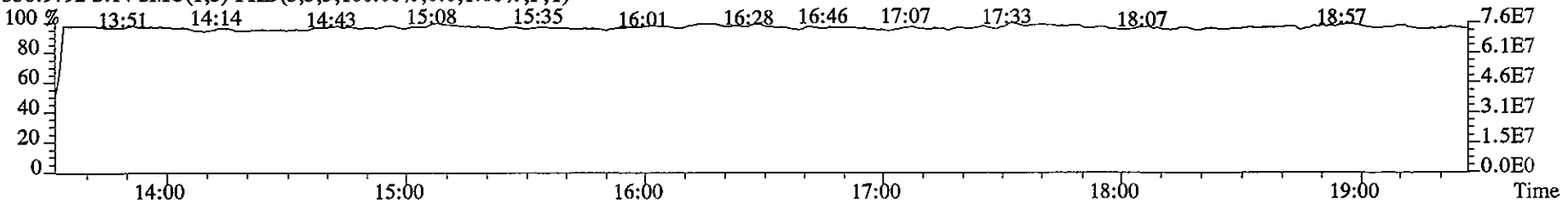
305.8987 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5444.0,1.00%,F,T)



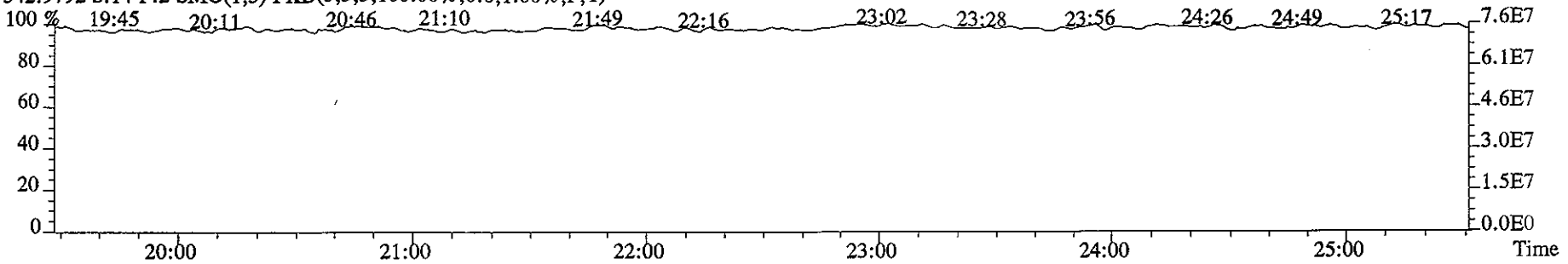
375.8364 S:14 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5312.0,1.00%,F,T)



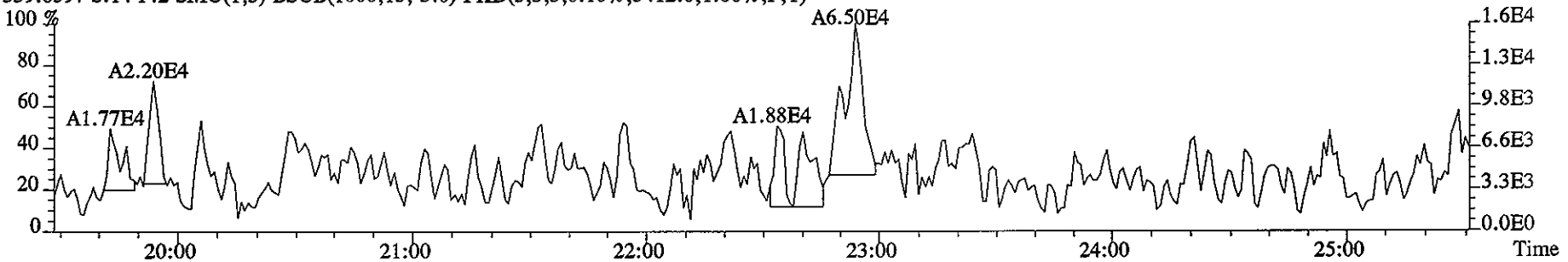
330.9792 S:14 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



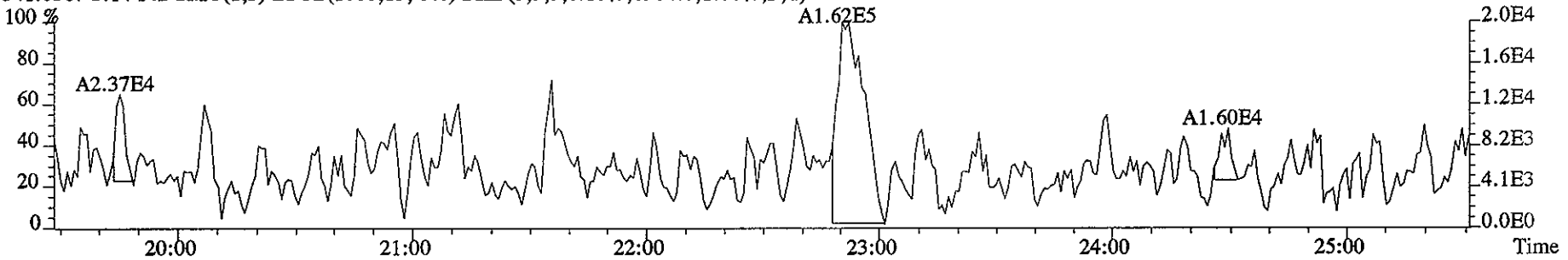
File:11JA061D5 #1-426 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN
342.9792 S:14 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



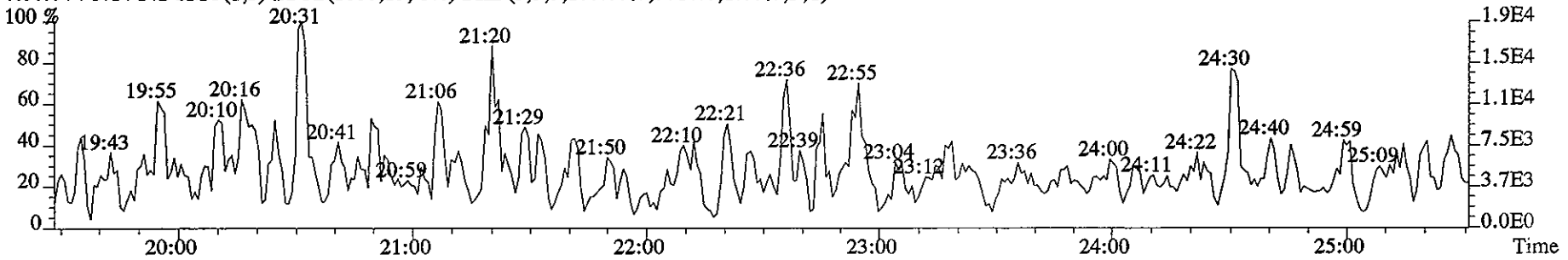
339.8597 S:14 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5412.0,1.00%,F,T)



341.8567 S:14 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6984.0,1.00%,F,T)

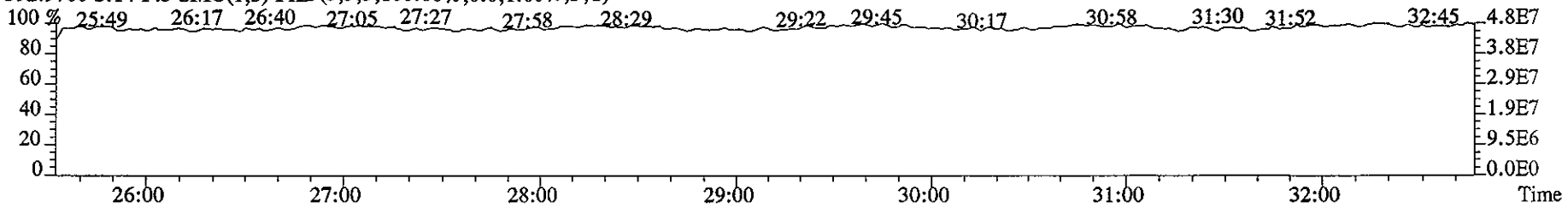


409.7974 S:14 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5716.0,1.00%,F,T)

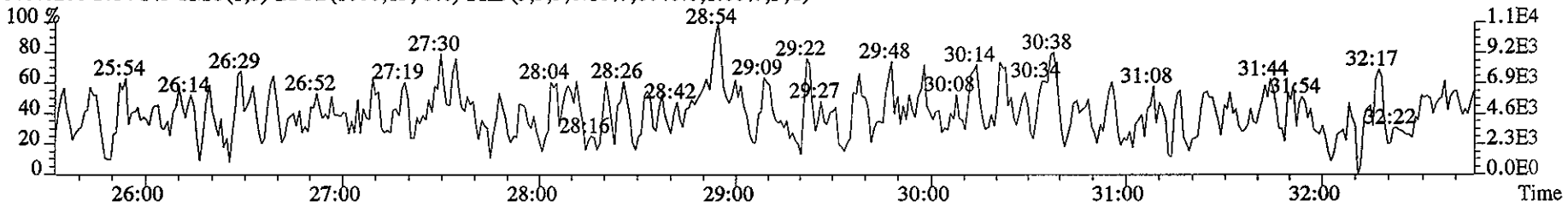


File:11JA061D5 #1-486 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN

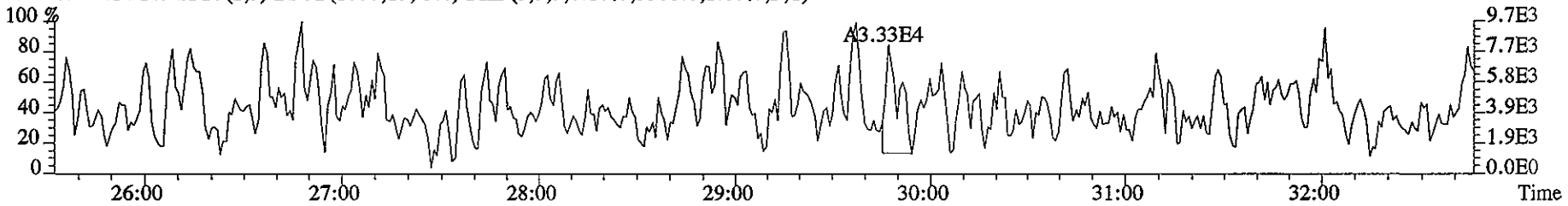
392.9760 S:14 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



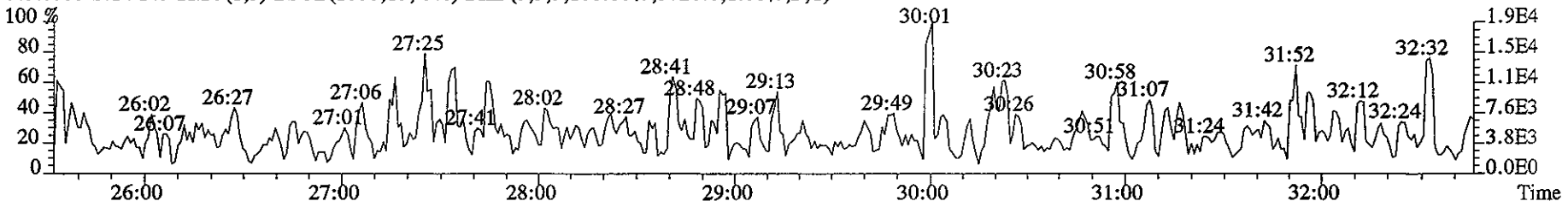
373.8208 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6040.0,1.00%,F,T)



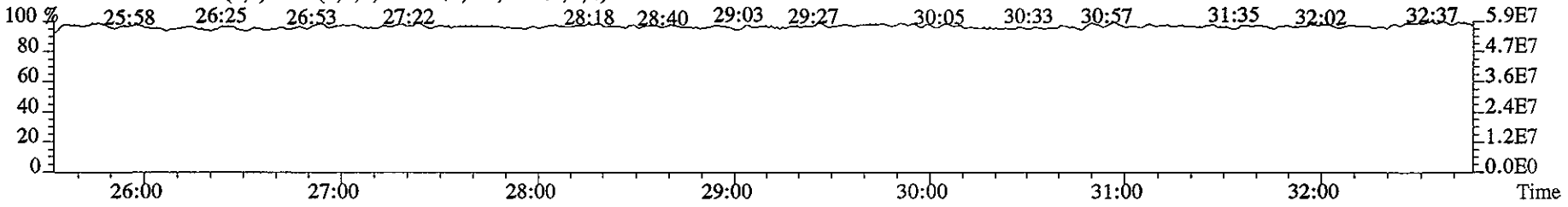
375.8178 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5308.0,1.00%,F,T)



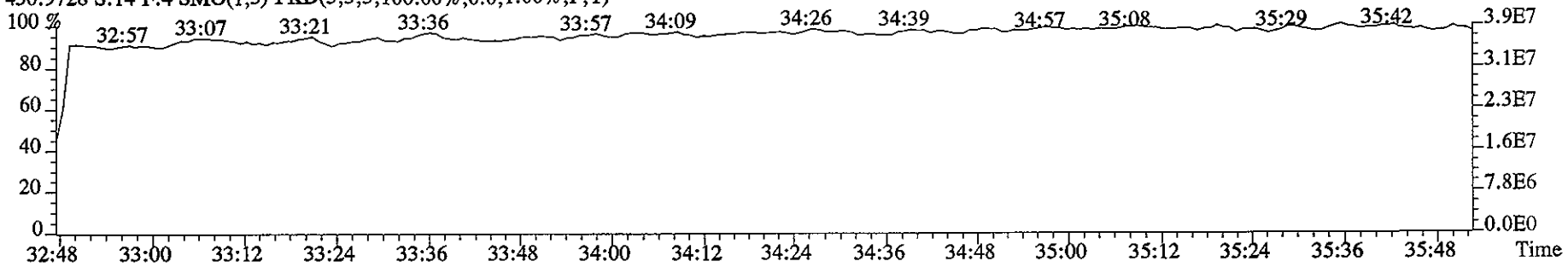
445.7555 S:14 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5720.0,1.00%,F,T)

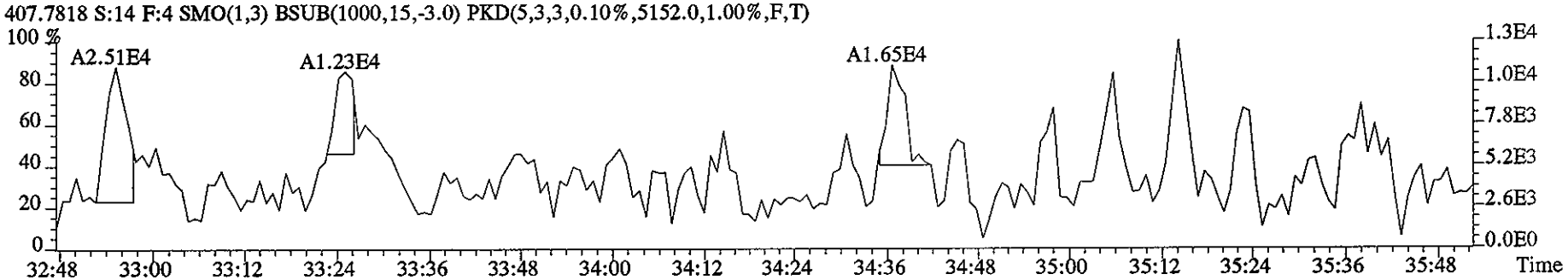


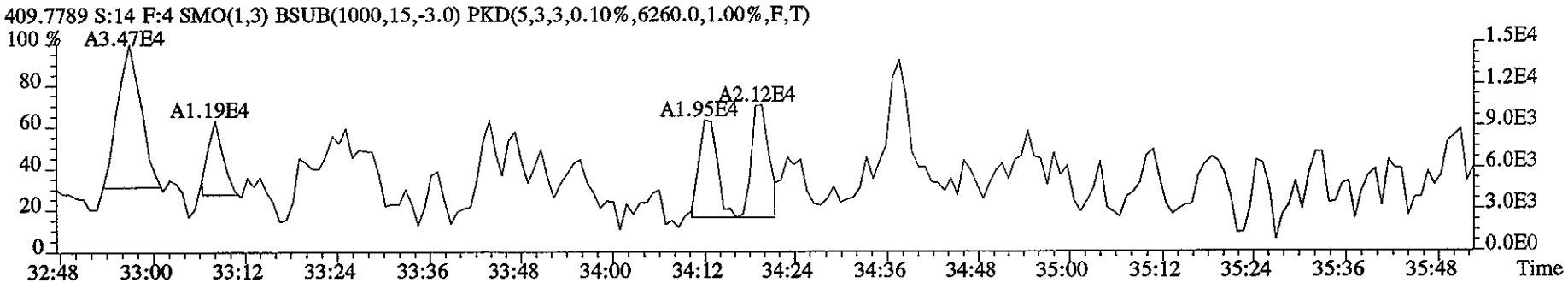
380.9760 S:14 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

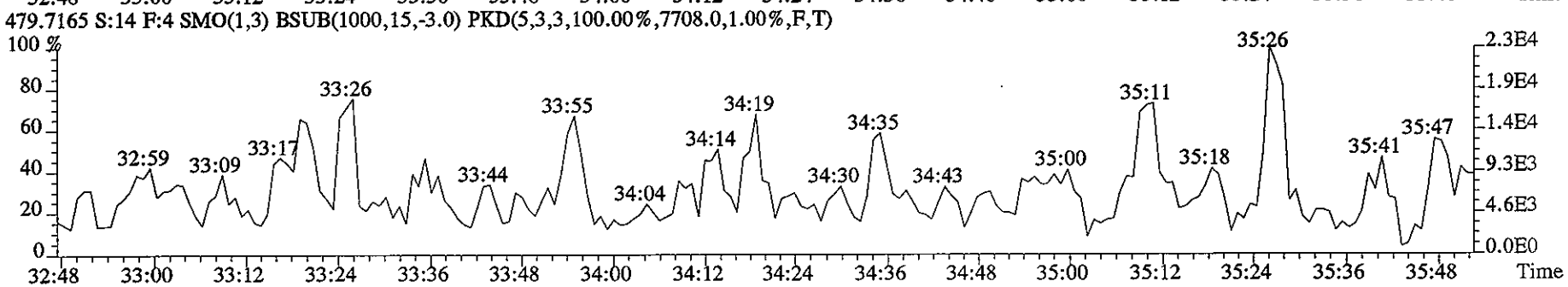


File:11JA061D5 #1-218 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN

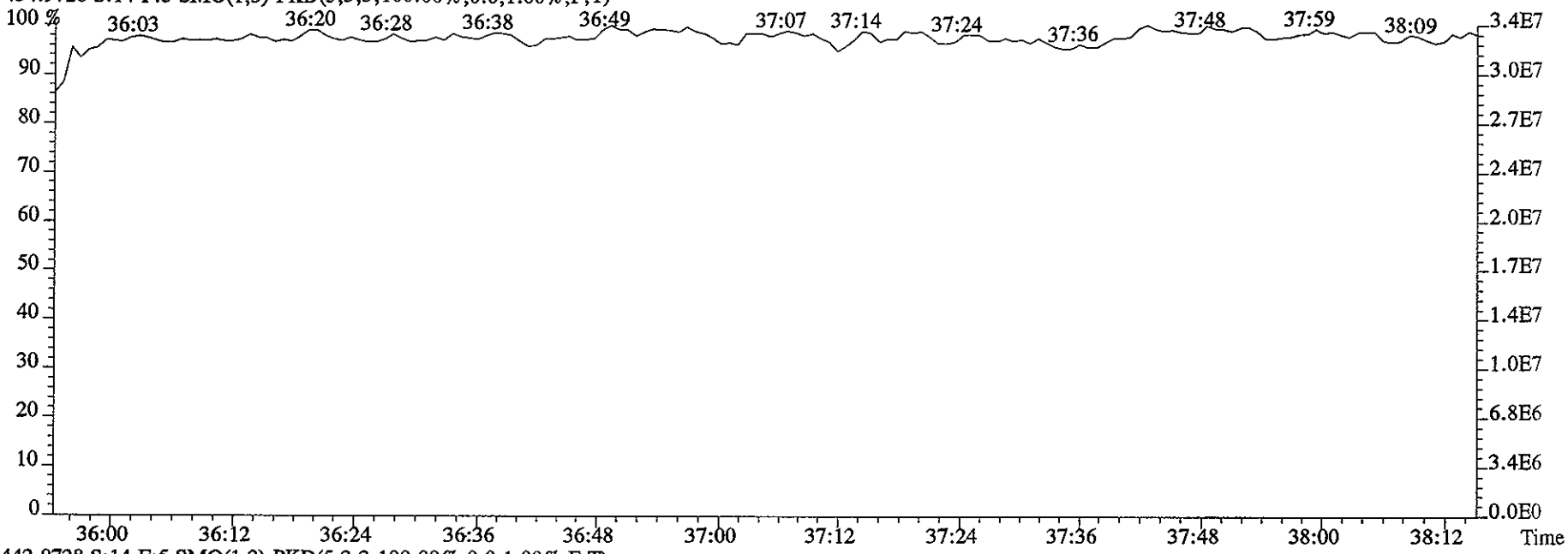




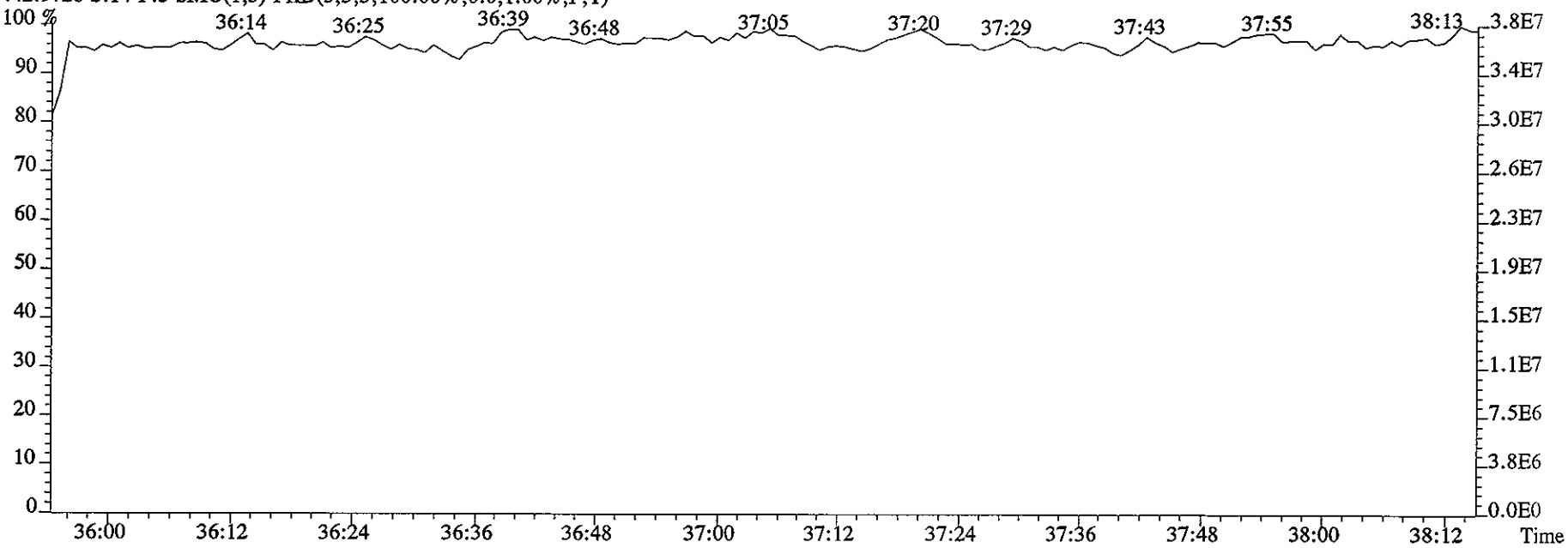




File:11JA061D5 #1-170 Acq:11-JAN-2006 17:45:29 GC EI+ Voltage SIR 70SE
Sample#14 Text:HT1W0-1-AA :G5L300272-13 Exp:DIOXIN
454.9728 S:14 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:14 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



SEVERN TRENT STL

STL SACRAMENTO
Daily Standard Checklist
High Resolution Mass Spectrometry

Method ID 8290 **Associated ICAL** 8290120905 1D5

Column ID DB5 **Instrument ID** 1D5

STD ID STD110 **STD Solution** 2565-41C

Analyzed by STD110, STD111 **Date Analyzed** 1/10/06, 1/11/06

Std. Pkg. By M.G. **Date Std. Pkg. Assembled** 1/12/06

Std. Pkg. Reviewed By SMA **Date Std. Pkg. Reviewed** 1/12/06

DAILY STANDARD PACKAGE	INITIATED	REVIEWED
Standard, CPSM, and Solvent Blank present?	✓	✓
Copy of log-file and Beginning Static Resolution present?	✓	✓
CPSM blow up present?	✓	✓
Curve Summary present?	✓	✓
Summary of Method criteria present or documented below?	✓	✓
Daily standard within method specified limits?*	✓(1)	✓(1)
Analyte retention times correct?	✓	✓
Isotopic ratios within limits?	✓	✓
CPSM valley ≤ method specified limits?**	✓	✓
Are chromatographic windows correct?	✓	✓
Samples analyzed within 12 hrs of daily standard?	✓	✓
Manual reintegration's checked and hardcopies included?	NA	NA
Ending Standard and Ending Static Resolutions present?	✓(2)	✓(2)

COMMENTS: (1) -22.8 % dev. for 1,2,3,7,8,9-HxCDF in ending standard, ∴ use ave. RRF of 0.82. -31.6% dev. for 13C-OCDD in ending standard, ∴ use ave. RRF of 0.64. NCM #07-52762
(2) Ending standard acquired after recalibrating but not retuning.

* Method 8290: (beginning) +/- 20% from curve RRFs for native analytes, +/- 30% from curve RRFs for labeled compounds.
Method 8290: (ending) +/- 25% from curve RRFs for native analytes, +/- 35% from curve RRFs for labeled compounds.
Method 8290 (GB): +/- 30% from curve RRFs for native analytes.
Method 23: See Method 23 Daily Standard Criteria, Table 5.
Method 1613A/1613B: See Method 1613A, Method 1613B or Method 1613B Tetras Daily Standard Criteria,
PAH: +/- 30% from curve RRFs for native and labeled compounds.
PCB: +/- 30% or 40% (analyte dependent) from curve RRFs for native, +/- 50% from curve RRFs for labeled compounds.
NCASI 551: +/-20% from curve RRFs for native and labeled compounds.
DBD/DBF: +/-30% from curve RRFs for native analytes; +/- 40% from curve RRFs for labeled compounds.

** Method 23 CPSM Criteria: 25% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and the closest eluters normalized at the smallest peak height of the three peaks (with the 2378 peak being the middle peak).
551/1613A/1613B/8290 CPSM Criteria: 25% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and its closest eluters normalized to the 2378 peak.
GB CPSM Criteria: 30% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and its closest eluters normalized to the 2378 peak.

QA-231 TSJ 04/02

Run text: ST0110 File text: ST0110 :CS3 2565-41C
Run #6 Filename 10JA061D5 S: 1 I: 1
Acquired: 10-JAN-06 09:33:16 Processed: 10-JAN-06 16:04:15
Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 10JA061D58290

Name	Resp	RA		RT	RRF	Amount	Dev'n	Mod?
13C-1,2,3,4-TCDD	58232100	0.79	y	16:53	-	100.00	-	n
13C-2,3,7,8-TCDF	93981400	0.79	y	16:23	1.61	100.00	-4.1	n
2,3,7,8-TCDF	9428070	0.76	y	16:24	1.00	10.00	-13.7	n
Total TCDF	9617543	0.82	y	16:03	1.00	10.00	-13.7	n
13C-2,3,7,8-TCDD	51481700	0.82	y	17:03	0.88	100.00	-1.3	n
2,3,7,8-TCDD	7093220	0.78	y	17:04	1.38	10.00	4.2	n
Total TCDD	7093220	0.78	y	17:04	1.38	10.00	4.2	n
37Cl-2,3,7,8-TCDD	14019820	1.00	y	17:04	2.41	10.00	-1.5	n
13C-1,2,3,7,8-PeCDF	73434500	1.61	y	21:04	1.26	100.00	-18.4	n
1,2,3,7,8-PeCDF	34541700	1.55	y	21:06	0.94	50.00	-6.3	n
2,3,4,7,8-PeCDF	35145700	1.52	y	22:20	0.96	50.00	-8.7	n
Total F2 PeCDF	70302117	1.00	n	19:49	0.95	100.00	-7.6	n
Total F1 PeCDF	*	*	n	NotFnd	0.95	100.00	-7.6	n
13C-1,2,3,7,8-PeCDD	51167500	1.58	y	22:59	0.88	100.00	-3.9	n
1,2,3,7,8-PeCDD	24446260	1.57	y	23:00	0.96	50.00	-8.4	n
Total PeCDD	24446260	1.57	y	23:00	0.96	50.00	-8.4	n
13C-1,2,3,7,8,9-HxCDD	37954900	1.24	y	31:26	-	100.00	-	n
13C-1,2,3,4,7,8-HxCDF	52580200	0.52	y	28:54	1.39	100.00	0.2	n
1,2,3,4,7,8-HxCDF	26275900	1.23	y	28:55	1.00	50.00	-10.0	n
1,2,3,6,7,8-HxCDF	27718100	1.23	y	29:14	1.05	50.00	-7.5	n
2,3,4,6,7,8-HxCDF	24155400	1.29	y	30:35	0.92	50.00	-13.7	n
1,2,3,7,8,9-HxCDF	22342230	1.24	y	31:41	0.85	50.00	-16.6	n
Total HxCDF	100491630	1.23	y	28:55	0.96	200.00	-11.8	n
13C-1,2,3,6,7,8-HxCDD	40585000	1.29	y	31:00	1.07	100.00	11.7	n
1,2,3,4,7,8-HxCDD	17456640	1.25	y	30:52	0.86	50.00	-9.8	n
1,2,3,6,7,8-HxCDD	19458960	1.19	y	31:01	0.96	50.00	-4.2	n
1,2,3,7,8,9-HxCDD	18702350	1.33	y	31:27	0.92	50.00	-11.7	n
Total HxCDD	55617950	1.25	y	30:52	0.91	150.00	-8.6	n
13C-1,2,3,4,6,7,8-HpCDF	39112700	0.45	y	33:26	1.03	100.00	-8.8	n
1,2,3,4,6,7,8-HpCDF	24330700	1.05	y	33:27	1.24	50.00	-5.1	n
1,2,3,4,7,8,9-HpCDF	21123700	1.09	y	34:38	1.08	50.00	-9.3	n
Total HpCDF	45629520	1.05	y	33:27	1.16	100.00	-7.1	n
13C-1,2,3,4,6,7,8-HpCDD	35241400	1.04	y	34:18	0.93	100.00	-7.0	n
1,2,3,4,6,7,8-HpCDD	16695450	1.04	y	34:19	0.95	50.00	-0.1	n
Total HpCDD	17124714	1.72	n	33:26	0.95	50.00	-0.1	n
13C-OCDD	55132400	0.89	y	36:51	0.73	200.00	-10.3	n
OCDF	32662800	0.92	y	36:57	1.18	100.00	-10.1	n
OCDD	26798300	0.88	y	36:52	0.97	100.00	-3.3	n

Run text: ST0111 File text: ST0111 :CS3 2565-41C
Run #6 Filename 11JA061D5 S: 1 I: 1
Acquired: 11-JAN-06 08:41:06 Processed: 11-JAN-06 20:29:18
Run: 11JA061D5 Analyte: TO9 Cal: TO91209051D5 Results: 11JA061D5TO9

Name	Resp	RA		RT	RRF	Amount	Dev'n	Mod?
13C-1,2,3,4-TCDD	78486200	0.82	y	16:54	-	100.00	-	n
13C-2,3,7,8-TCDF	127741300	0.79	y	16:26	1.63	100.00	-3.3	n
2,3,7,8-TCDF	12590960	0.75	y	16:27	0.99	10.00	-15.2	n
Total TCDF	12807048	0.86	y	16:06	0.99	10.00	-15.2	n
13C-2,3,7,8-TCDD	69473300	0.79	y	17:05	0.89	100.00	-1.2	n
2,3,7,8-TCDD	9175820	0.77	y	17:07	1.32	10.00	-0.1	n
Total TCDD	9197010	0.77	y	17:07	1.32	10.00	-0.1	n
37Cl-2,3,7,8-TCDD	18543880	1.00	y	17:07	2.67	10.00	-2.1	n
13C-1,2,3,7,8-PeCDF	95426100	1.54	y	21:07	1.22	100.00	-21.3	n
1,2,3,7,8-PeCDF	43555700	1.57	y	21:08	0.91	50.00	-9.1	n
2,3,4,7,8-PeCDF	43716900	1.49	y	22:22	0.92	50.00	-12.6	n
Total F2 PeCDF	87852471	1.57	y	21:08	0.91	100.00	-10.9	n
Total F1 PeCDF	*	*	n	NotFnd	0.91	100.00	-10.9	n
13C-1,2,3,7,8-PeCDD	61836500	1.57	y	23:01	0.79	100.00	-13.8	n
1,2,3,7,8-PeCDD	30059700	1.55	y	23:03	0.97	50.00	-6.8	n
Total PeCDD	30240094	1.57	y	21:07	0.97	50.00	-6.8	n
13C-1,2,3,7,8,9-HxCDD	47413500	1.26	y	31:28	-	100.00	-	n
13C-1,2,3,4,7,8-HxCDF	66558000	0.51	y	28:57	1.40	100.00	1.5	n
1,2,3,4,7,8-HxCDF	32494300	1.25	y	28:59	0.98	50.00	-12.1	n
1,2,3,6,7,8-HxCDF	33960700	1.24	y	29:18	1.02	50.00	-10.5	n
2,3,4,6,7,8-HxCDF	29321500	1.25	y	30:37	0.88	50.00	-17.2	n
1,2,3,7,8,9-HxCDF	26167300	1.24	y	31:43	0.79	50.00	-22.8	n
Total HxCDF	121992689	3.49	n	26:39	0.92	200.00	-15.4	n
13C-1,2,3,6,7,8-HxCDD	47017800	1.20	y	31:02	0.99	100.00	3.6	n
1,2,3,4,7,8-HxCDD	20916430	1.27	y	30:54	0.89	50.00	-6.7	n
1,2,3,6,7,8-HxCDD	22719230	1.27	y	31:03	0.97	50.00	-3.5	n
1,2,3,7,8,9-HxCDD	22567370	1.31	y	31:29	0.96	50.00	-8.0	n
Total HxCDD	66203030	1.27	y	30:54	0.94	150.00	-6.1	n
13C-1,2,3,4,6,7,8-HpCDF	39967200	0.47	y	33:27	0.84	100.00	-25.4	n
1,2,3,4,6,7,8-HpCDF	25022000	1.03	y	33:28	1.25	50.00	-4.5	n
1,2,3,4,7,8,9-HpCDF	21105100	1.03	y	34:39	1.06	50.00	-11.3	n
Total HpCDF	46127100	1.03	y	33:28	1.15	100.00	-7.7	n
13C-1,2,3,4,6,7,8-HpCDD	35870400	1.02	y	34:19	0.76	100.00	-24.2	n
1,2,3,4,6,7,8-HpCDD	17052110	1.00	y	34:20	0.95	50.00	0.2	n
Total HpCDD	17117133	4.33	n	33:27	0.95	50.00	0.2	n
13C-OCDD	52512900	0.92	y	36:53	0.55	200.00	-31.6	n
OCDF	31090200	0.90	y	36:59	1.18	100.00	-10.2	n
OCDD	25914500	0.91	y	36:54	0.99	100.00	-1.8	n

$\bar{x}=0.82$

$\bar{x}=0.64$

Data file	Smp	Work Order	Sample ID	FV-uL	Method/Matrix	Box	Size	U
10JA061D5	1	ST0110	CS3 2565-41C				1.000	
10JA061D5	2	CP0110	DB-5 CPSM 2565-47				1.000	
10JA061D5	3	SB0110	Solvent Blank C-14				1.000	
10JA061D5	4	HT1WK-1-AC	G5L300272-5	20	8290/SOLID	26	10.000	g
10JA061D5	5	HT1WL-1-AC	G5L300272-6	20	8290/SOLID		10.000	g
10JA061D5	6	HT1WP-1-AC	G5L300272-8	20	8290/SOLID		10.000	g
10JA061D5	7	HT1WR-1-AC	G5L300272-9	20	8290/SOLID		10.000	g
10JA061D5	8	HT1WT-1-AC	G5L300272-10	20	8290/SOLID		10.000	g
10JA061D5	9	HT1WW-1-AC	G5L300272-11	20	8290/SOLID		10.000	g
10JA061D5	10	HT1W1-1-AC	G5L300272-14	20	8290/SOLID		10.000	g
10JA061D5	11	HT1W3-1-AC	G5L300272-15	20	8290/SOLID		10.000	g
10JA061D5	12	HVA2T-1-AC	G6A090000-371C	20	8290/WATER		1.000	L
10JA061D5	13	HVA2T-1-AD	G6A090000-371L	20	8290/WATER		1.000	L
10JA061D5	14	HVA2T-1-AA	G6A090000-371B	20	8290/WATER		1.000	L
10JA061D5	15	HR66J-2-AA	C5L150252-5RX	20	8290/WATER		0.961	L
10JA061D5	16	HR66J-1-AE	C5L150252-5S	20	8290/WATER		0.966	L
10JA061D5	17	HR66J-1-AF	C5L150252-5D	20	8290/WATER		1.024	L
10JA061D5	18	SB0110A	Solvent Blank C-14				1.000	
10JA061D5	19	I.S. QC	011006IS-1QC	20	8290/1613B	QC41	1.000	SAMP
10JA061D5	20	CP0110A	DB-5 CPSM 2565-47				1.000	
10JA061D5	21	ST0110A	CS3 2565-41C – lost lock in Function #1				1.000	
10JA061D5	22	SB0110B	Solvent Blank C-14				1.000	
JA061D5	23	HTTP4-1-AC	(5x)G5L270154-2	20	1613B/SOLID	26	10.000	g
10JA061D5	24	HT1WM-1-AA	G5L300272-7	20	8290/WATER		0.999	L
10JA061D5	25	HT1W0-1-AA	G5L300272-13	20	8290/WATER		1.022	L
10JA061D5	26	HVCN0-1-AC	G6A100000-175C	20	1613B/WATER		1.000	L
10JA061D5	27	HVCN0-1-AA	G6A100000-175B	20	1613B/WATER		1.000	L
10JA061D5	28	HTME2-1-AA	G5L220153-1	20	1613B/WATER		1.058	L
10JA061D5	29	HTME5-1-AA	G5L220153-2	20	1613B/WATER		0.935	L
10JA061D5	30	HTME7-1-AA	G5L220153-3	20	1613B/WATER		0.944	L
10JA061D5	31	HTME9-1-AA	G5L220153-5	20	1613B/WATER		0.944	L
10JA061D5	32	SB0110C	Solvent Blank C-14				1.000	
10JA061D5	33	ST0110B	CS3 2565-41C				1.000	
10JA061D5	34						1.000	
10JA061D5	35						1.000	
10JA061D5	36						1.000	
10JA061D5	37		MG 01/10/06				1.000	

Data file	Smp	Work Order	Sample ID	FV-uL	Method/Matrix	Box	Size	U
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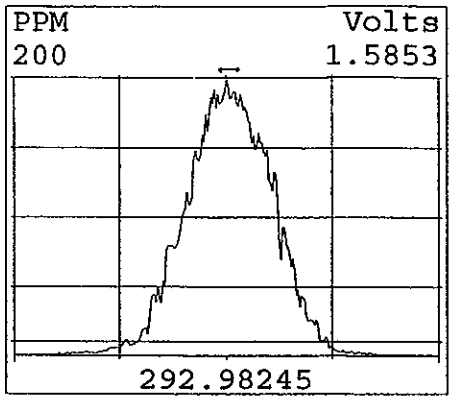
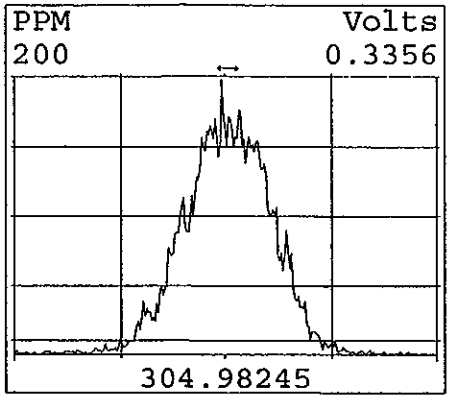
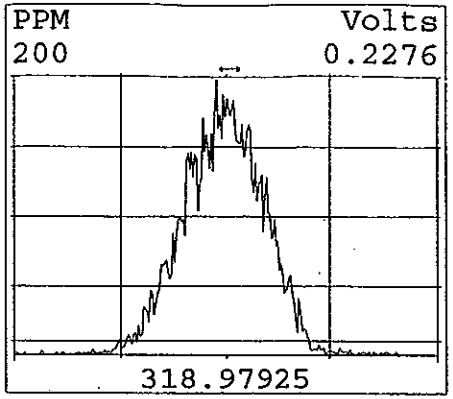
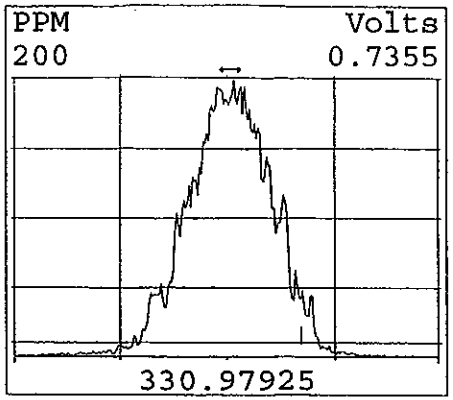
11JA061D5	2						1.000	
11JA061D5	3						1.000	
11JA061D5	4						1.000	
11JA061D5	5		MG 01/11/06				1.000	

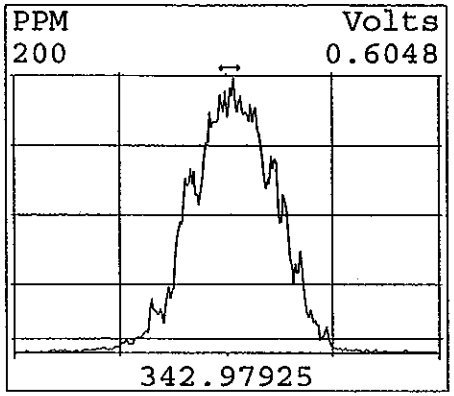
Peak Locate Examination:10-JAN-2006:09:30 File:10JA061D5
Experiment:DIOXIN Function:1 Reference:PFK

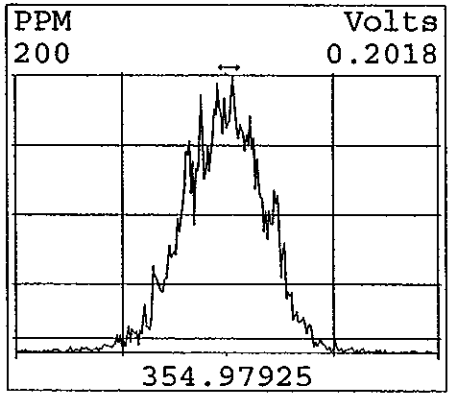


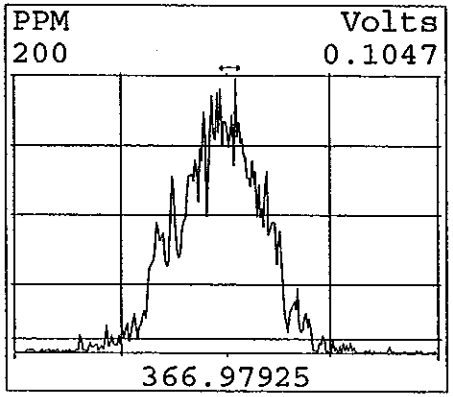


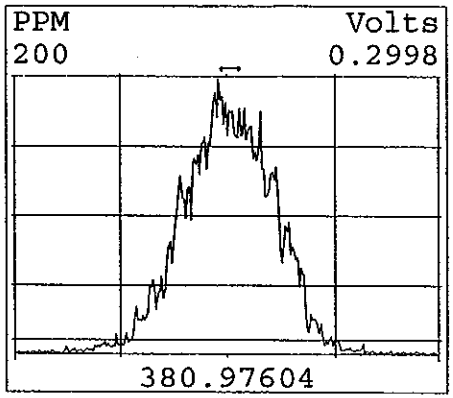


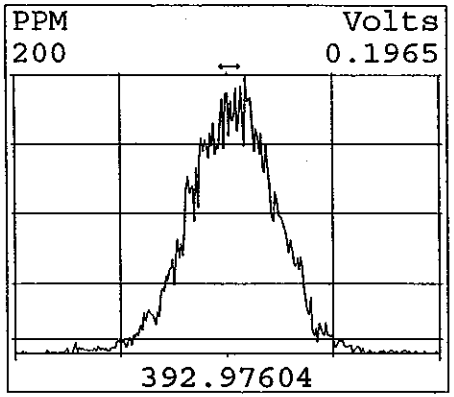


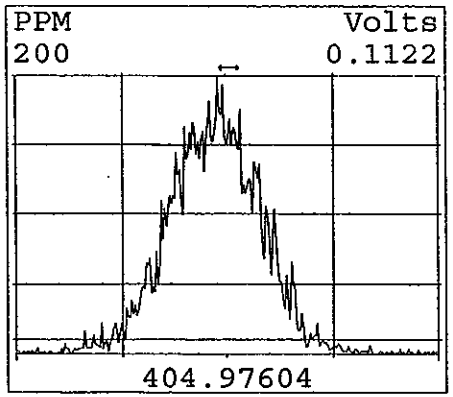


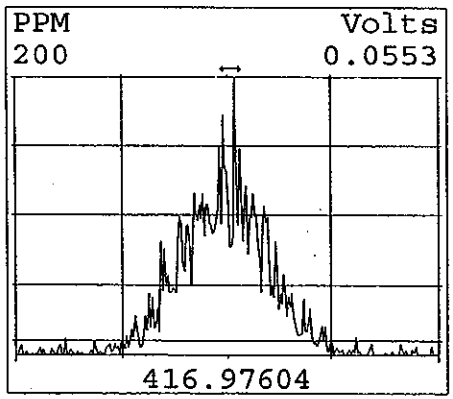




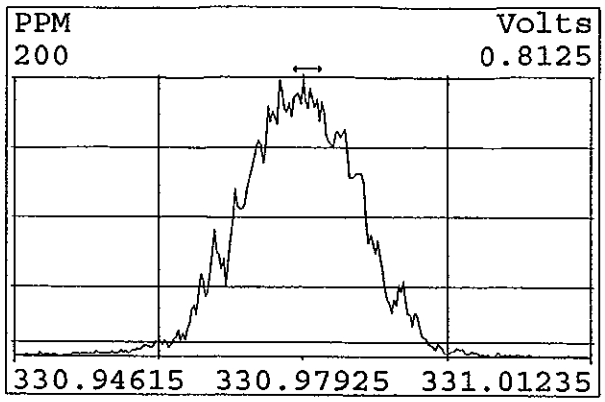


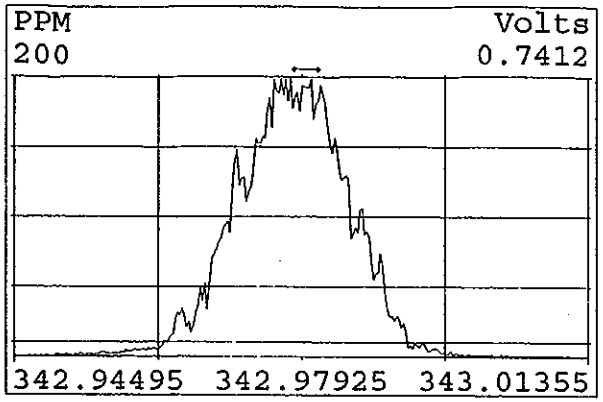


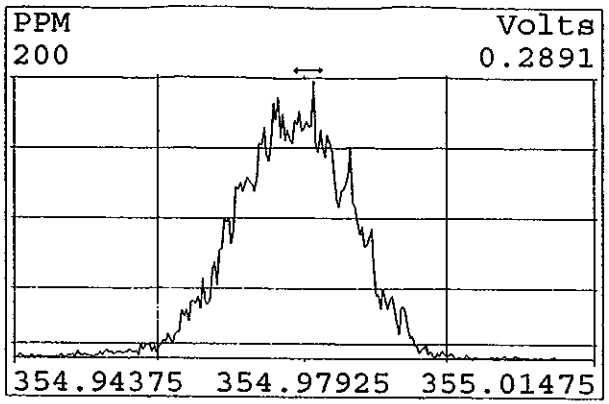


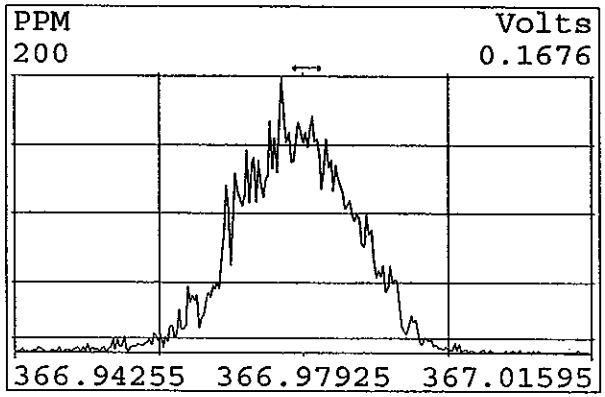


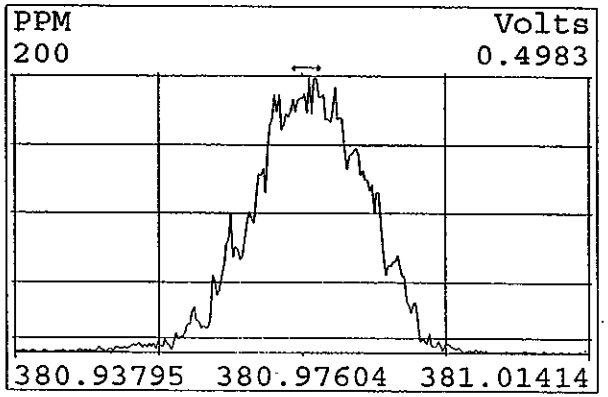
Peak Locate Examination:10-JAN-2006:09:31 File:10JA061D5
Experiment:DIOXIN Function:2 Reference:PFK

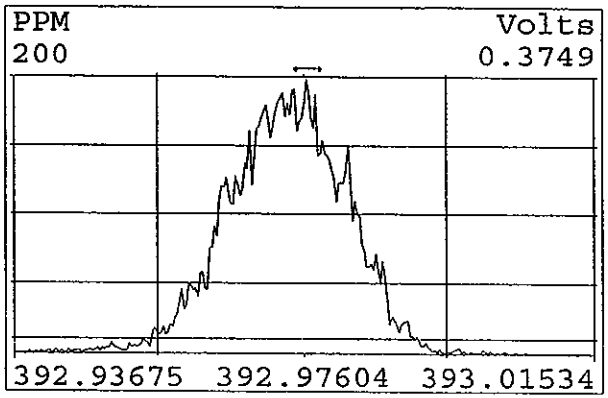


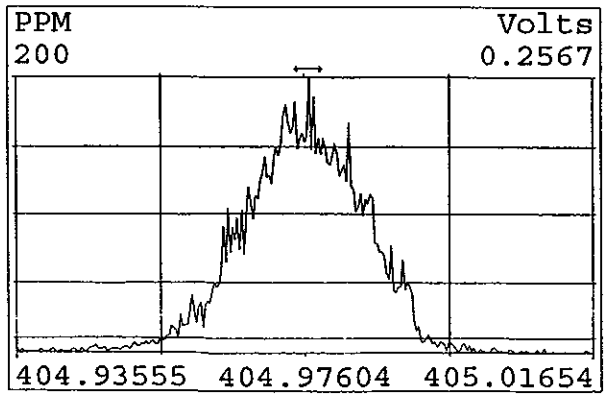


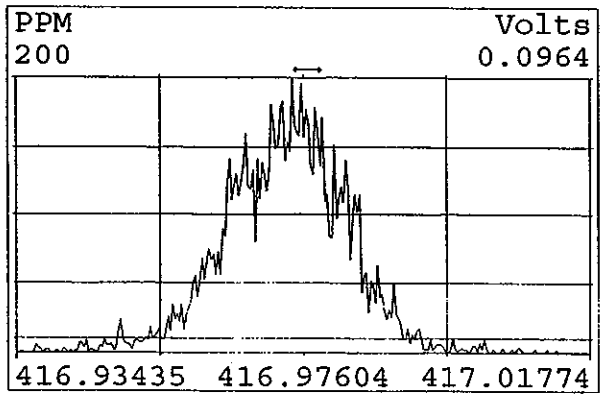




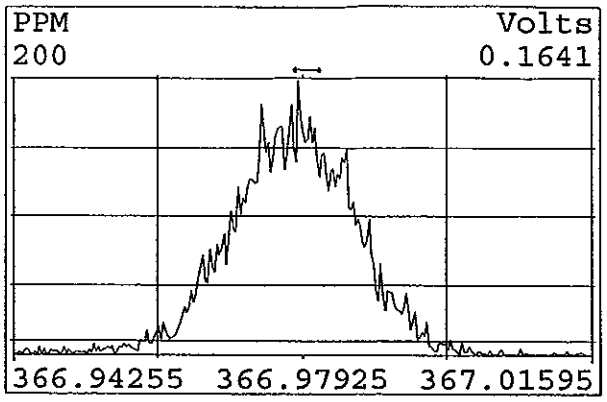


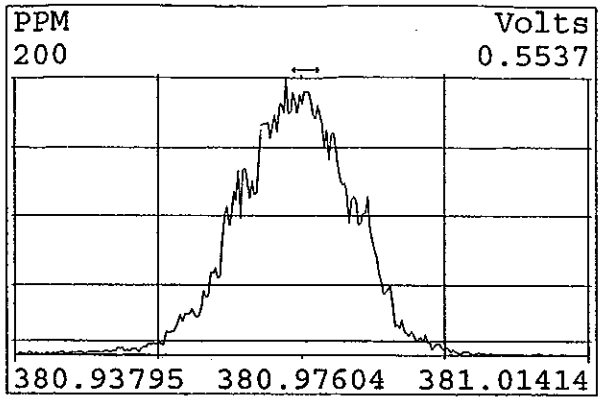


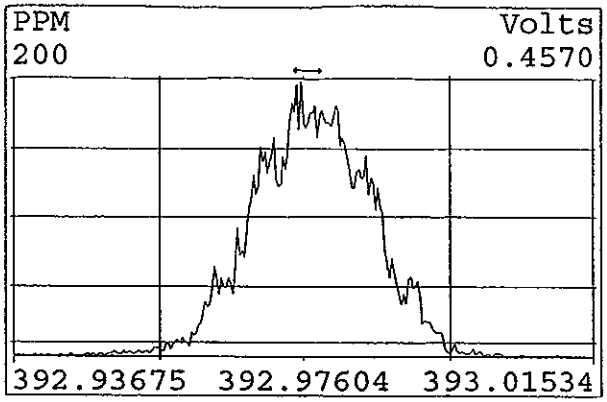


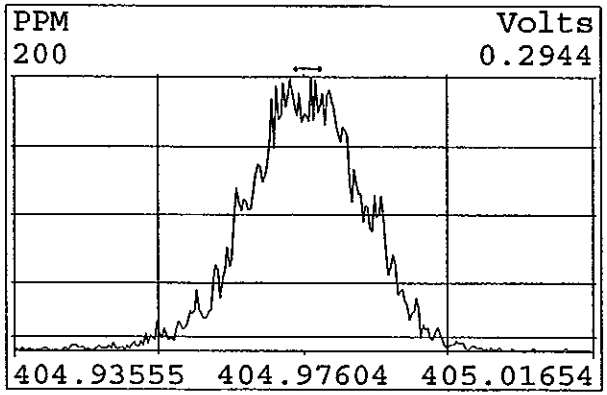


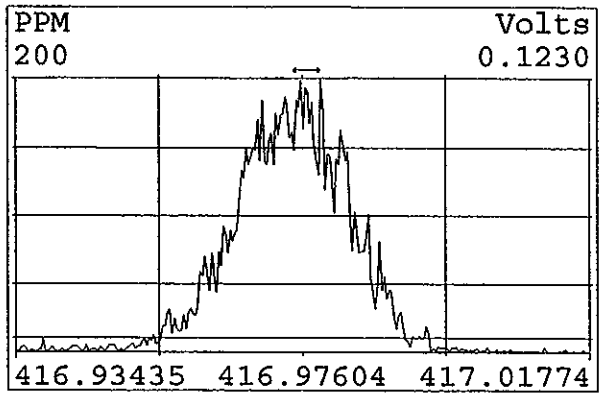
Peak Locate Examination:10-JAN-2006:09:31 File:10JA061D5
Experiment:DIOXIN Function:3 Reference:PFK

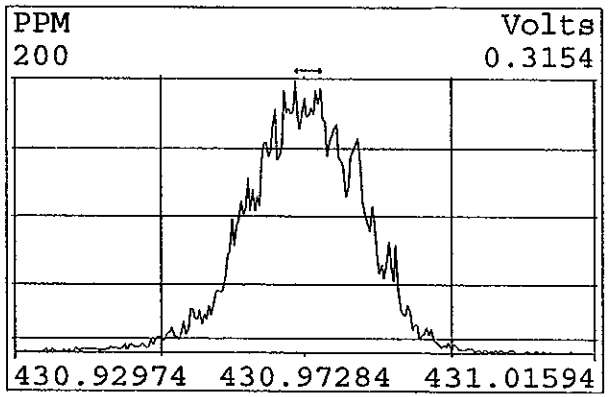


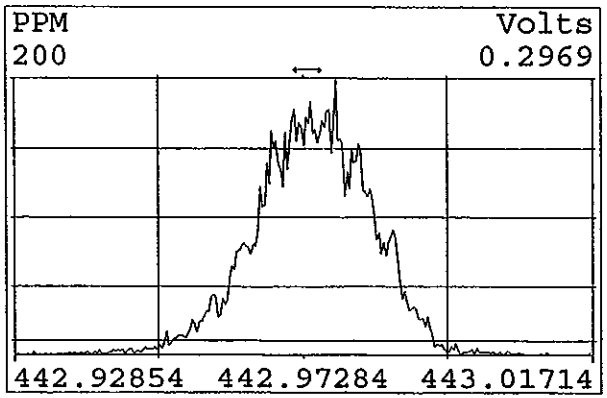


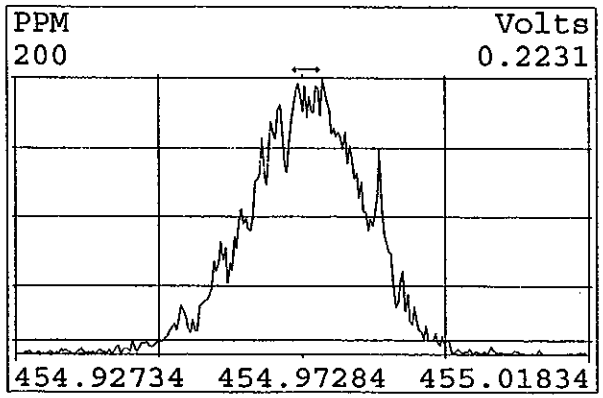




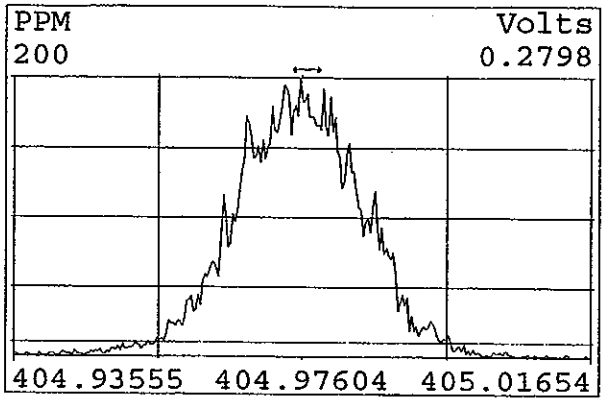


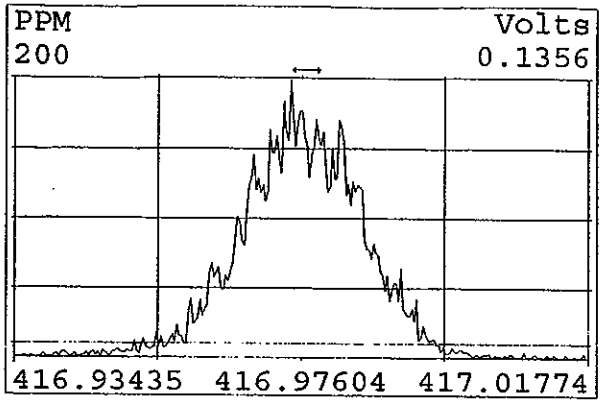


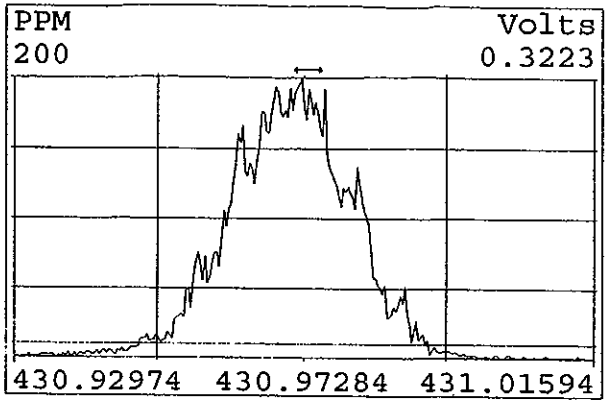


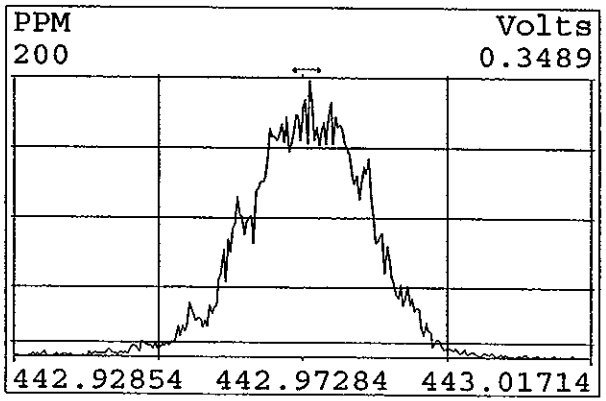


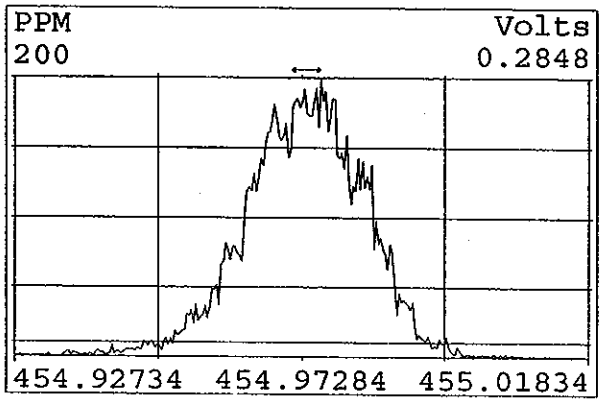
Peak Locate Examination:10-JAN-2006:09:32 File:10JA061D5
Experiment:DIOXIN Function:4 Reference:PFK

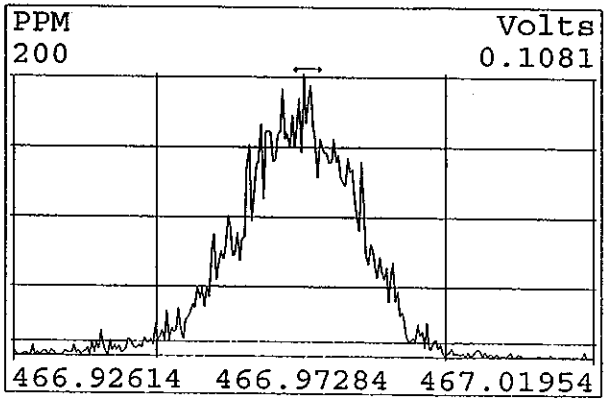


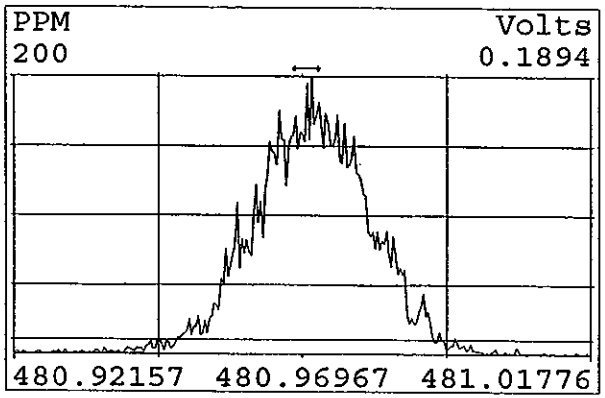




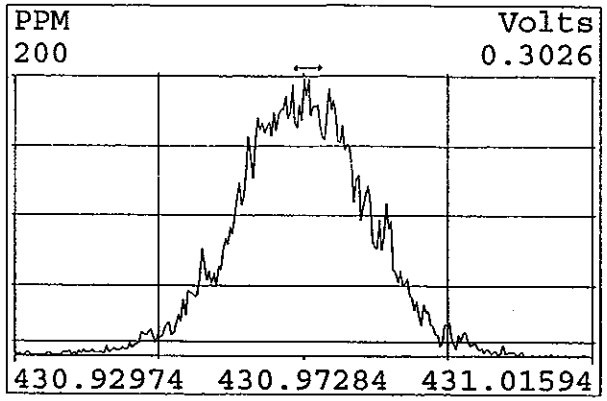


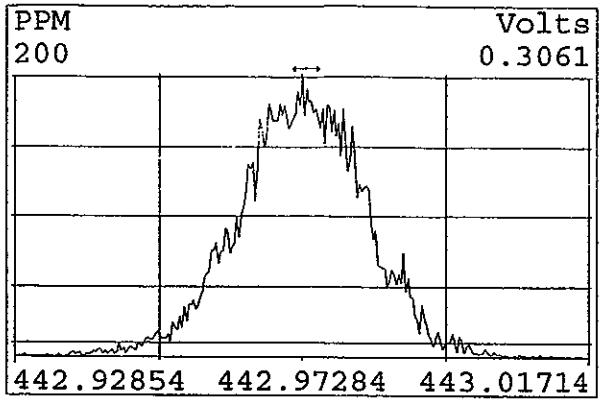


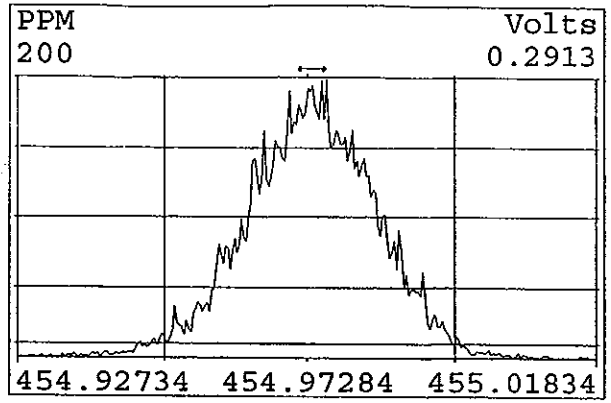


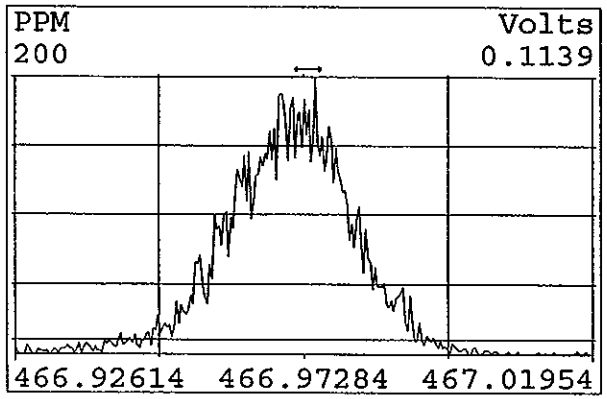


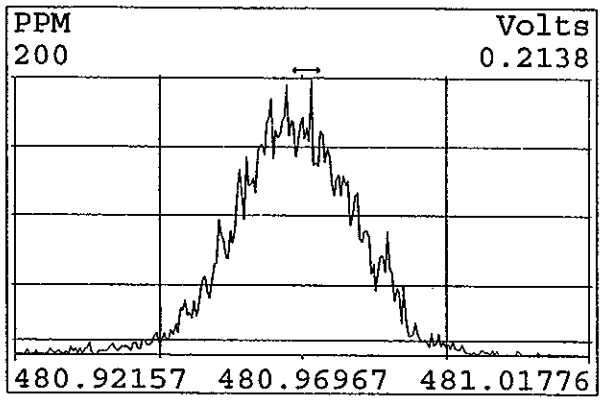
Peak Locate Examination:10-JAN-2006:09:32 File:10JA061D5
Experiment:DIOXIN Function:5 Reference:PFK

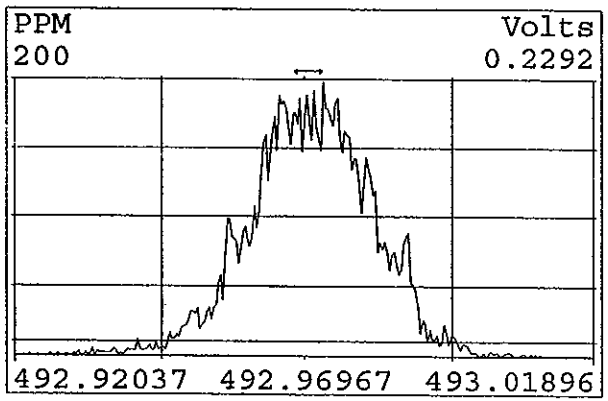


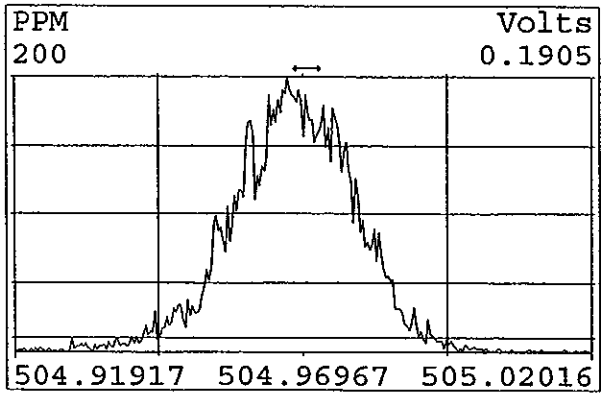


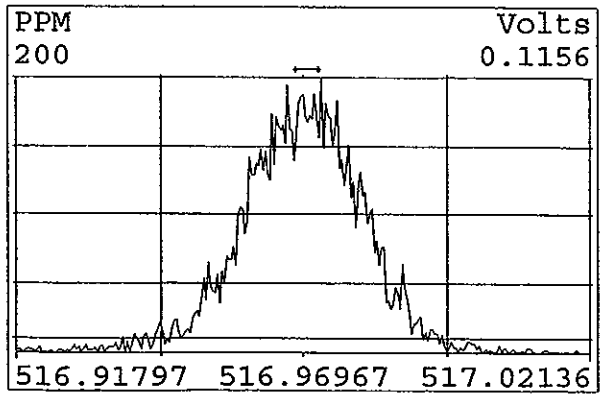




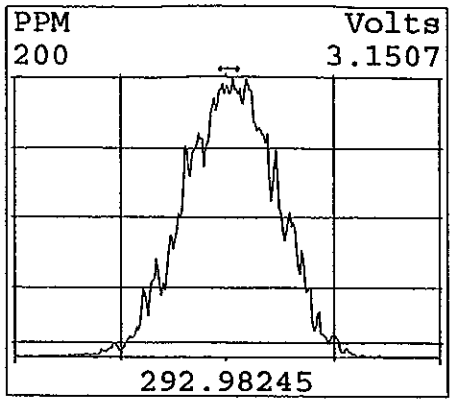


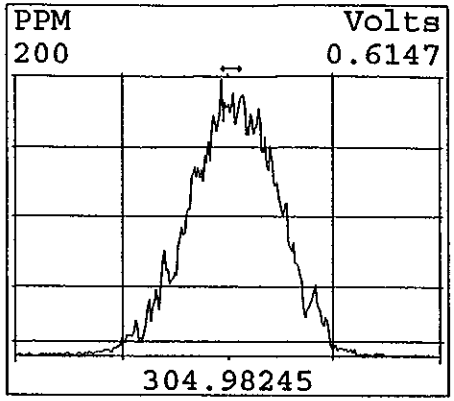


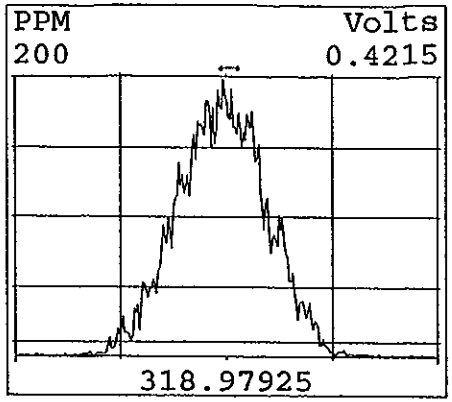


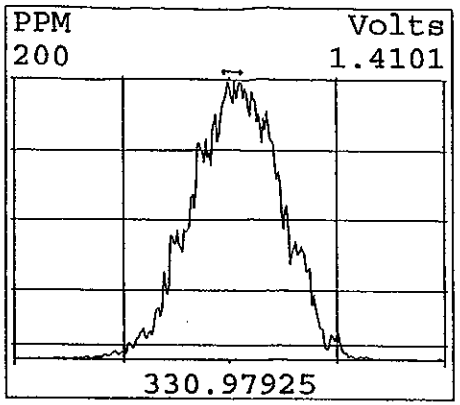


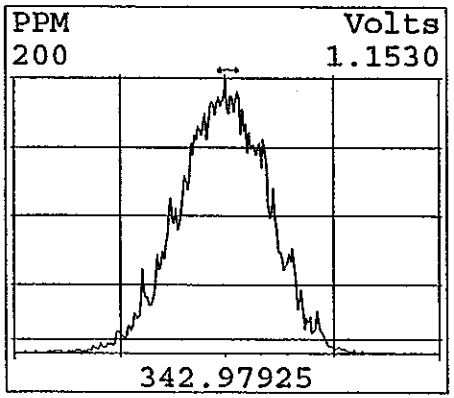
Peak Locate Examination:11-JAN-2006:08:38 File:11JA061D5 + ENDRESCHK
Experiment:DIOXIN Function:1 Reference:PFK

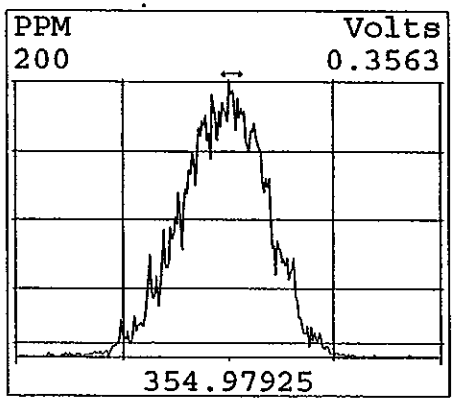


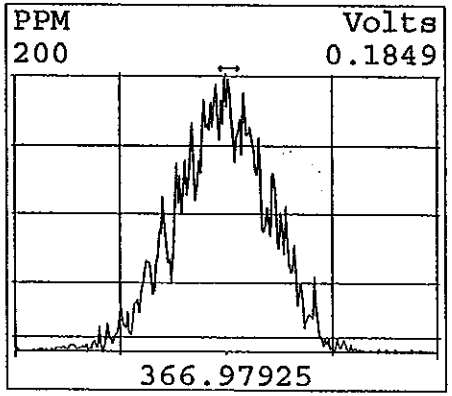


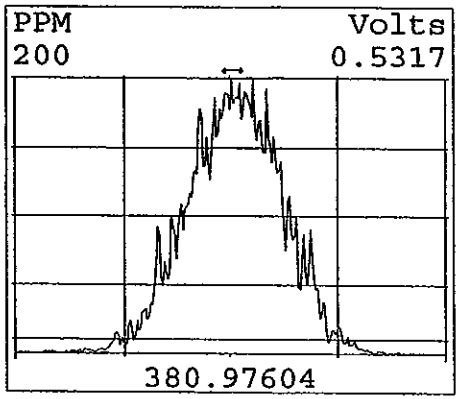


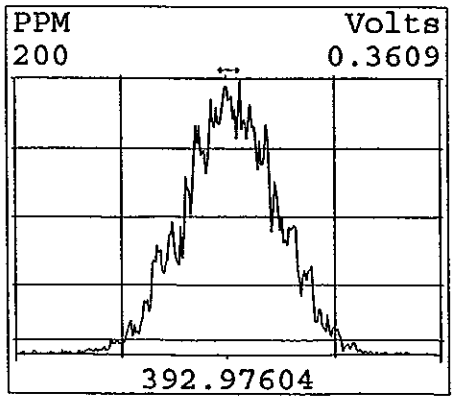


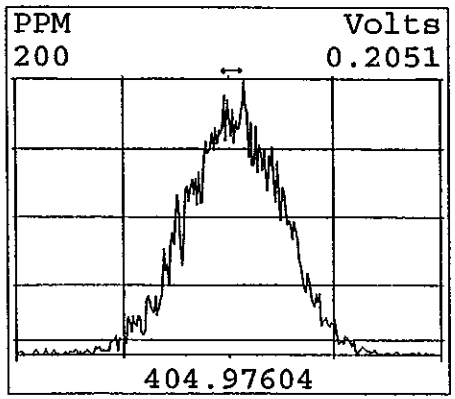


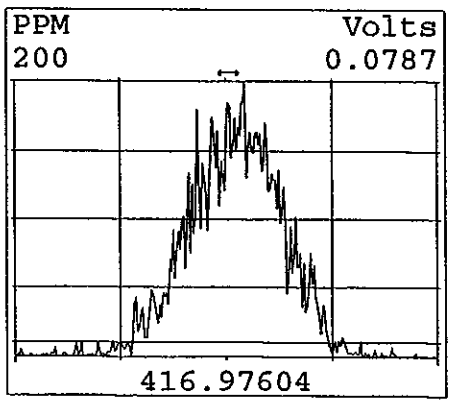




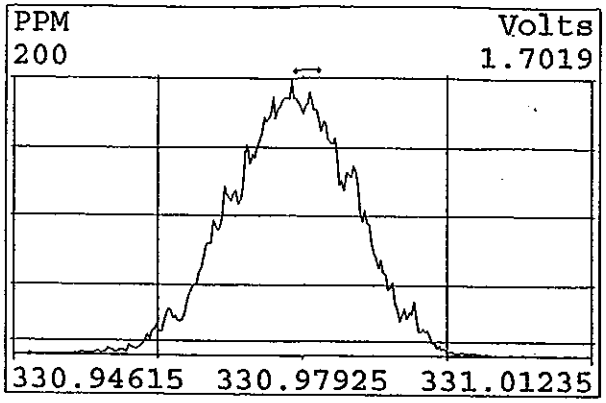


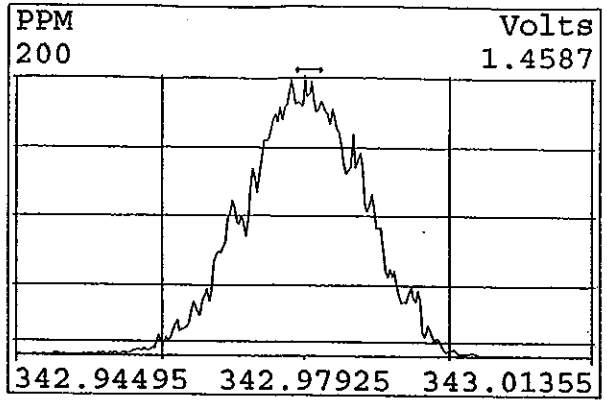


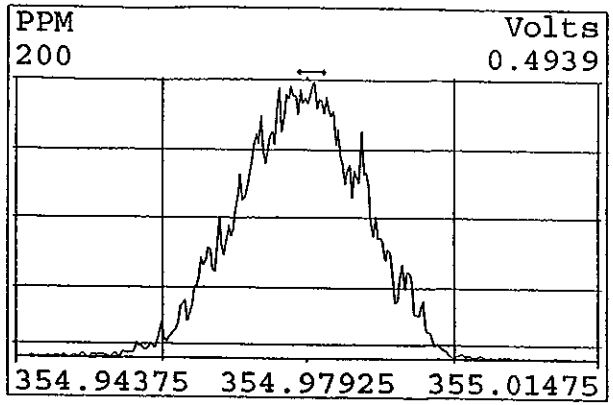


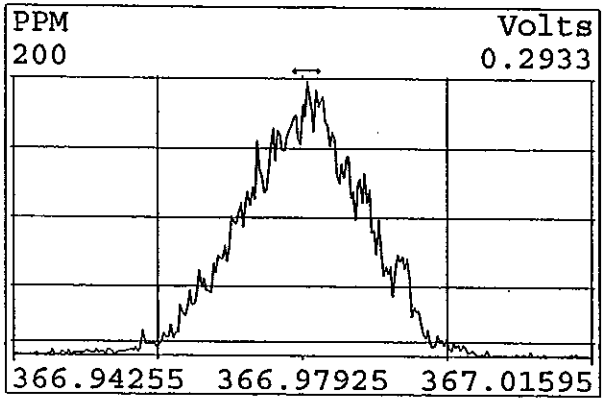


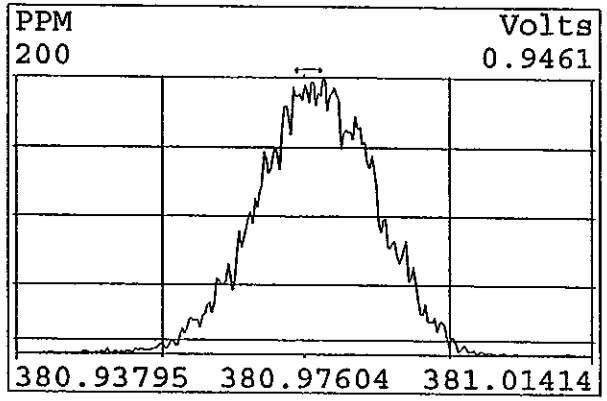
Peak Locate Examination:11-JAN-2006:08:39 File:11JA061D5 + ENDRES CHK
Experiment:DIOXIN Function:2 Reference:PFK

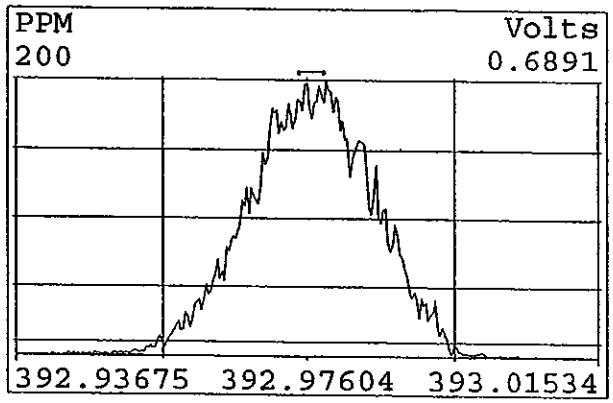


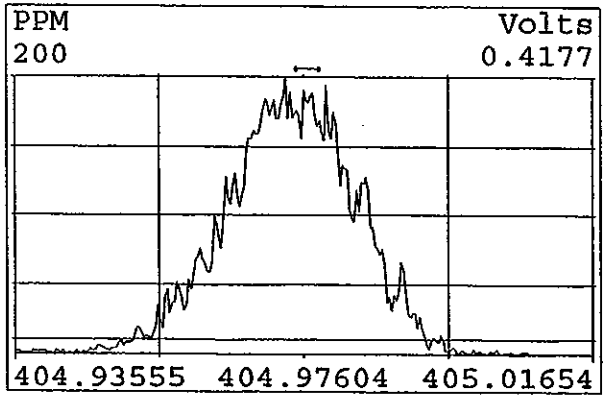


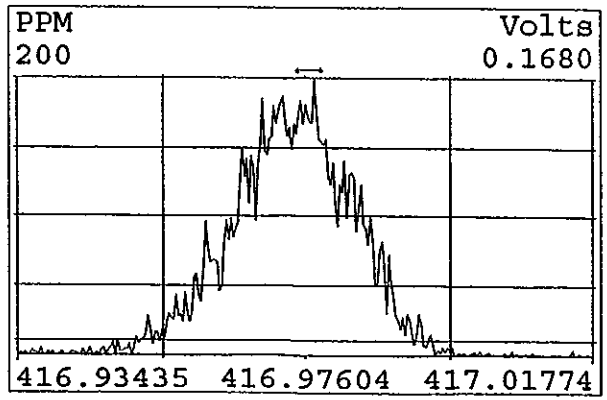




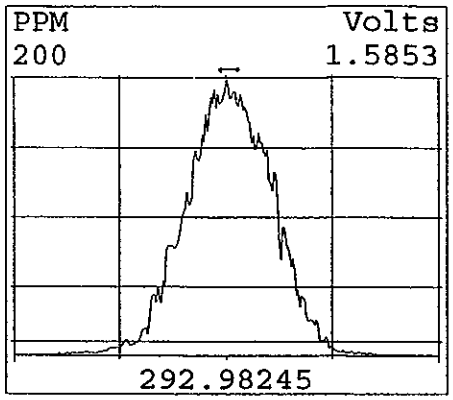


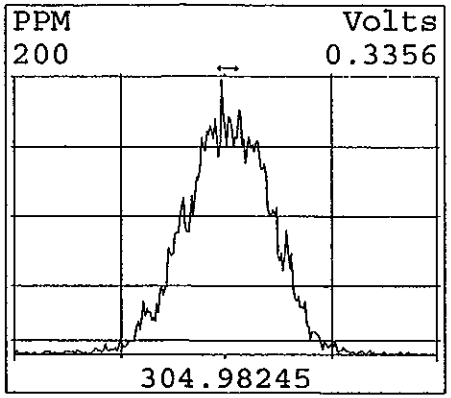


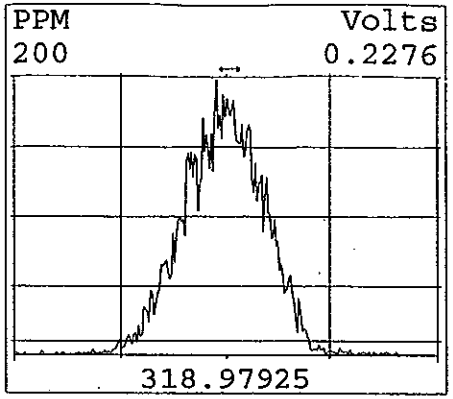


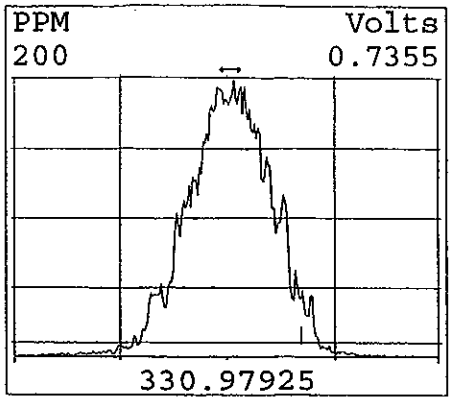


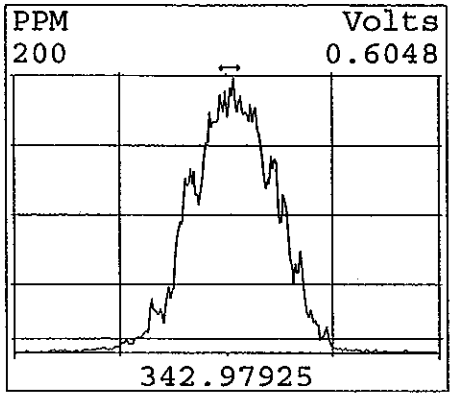
Peak Locate Examination:10-JAN-2006:09:30 File:10JA061D5
Experiment:DIOXIN Function:1 Reference:PFK

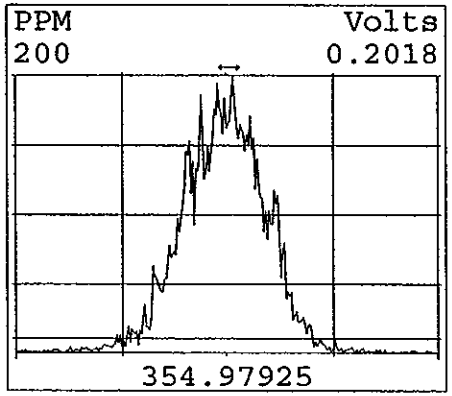


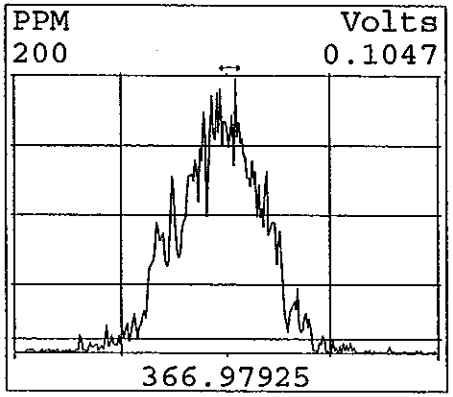


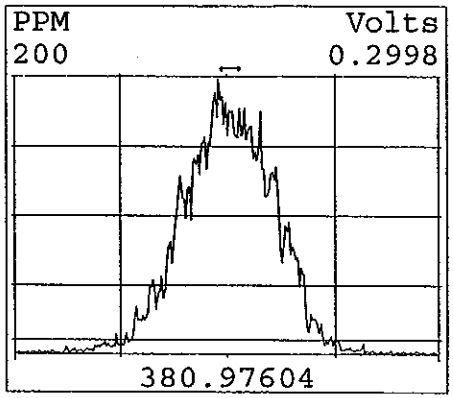


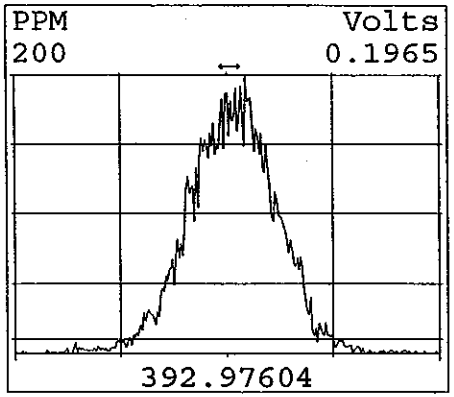


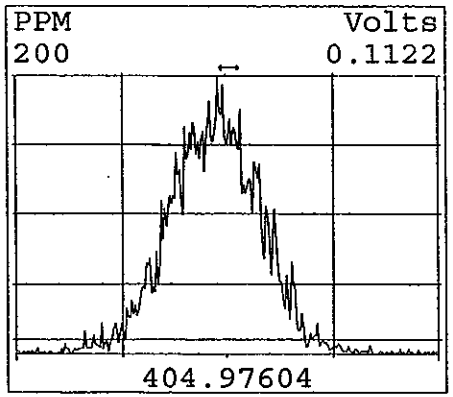


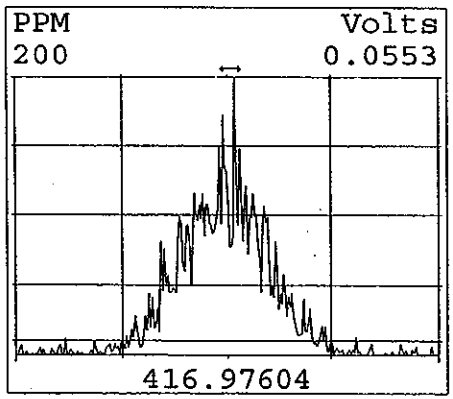




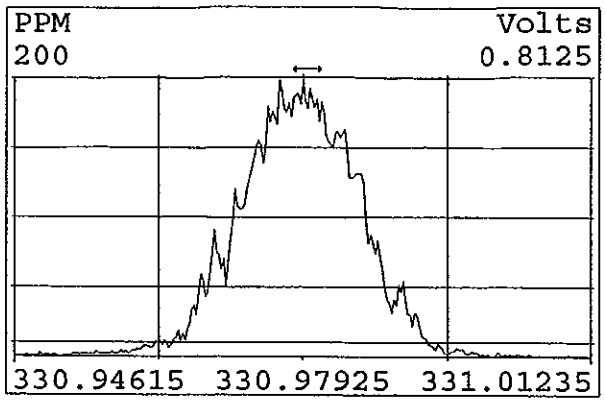


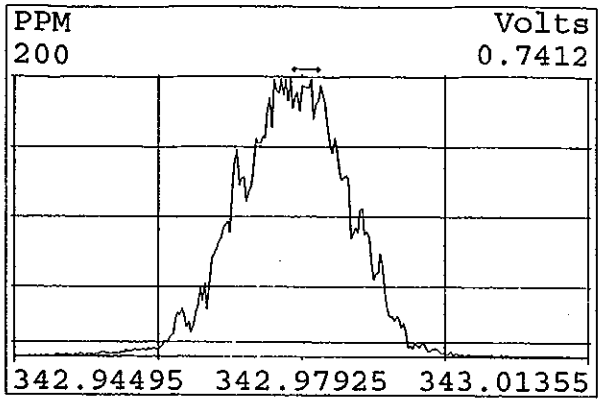


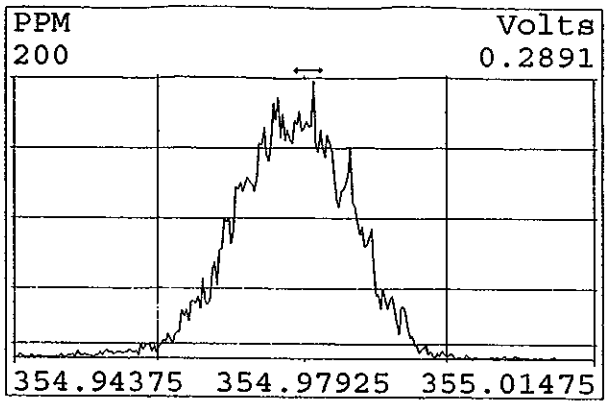


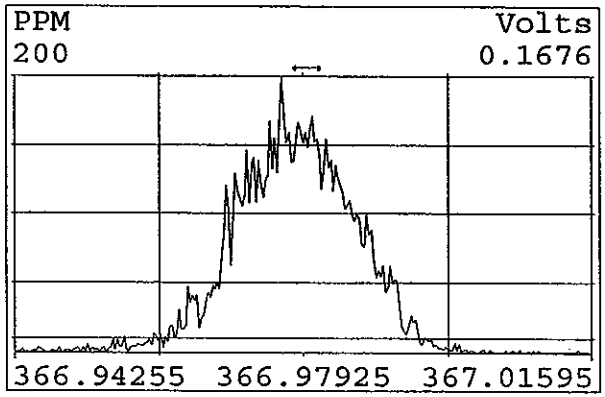


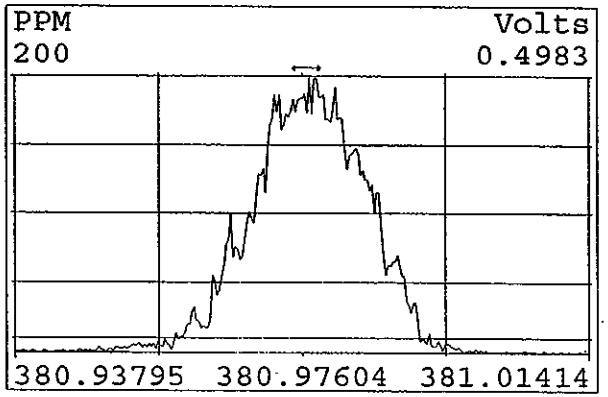
Peak Locate Examination:10-JAN-2006:09:31 File:10JA061D5
Experiment:DIOXIN Function:2 Reference:PFK

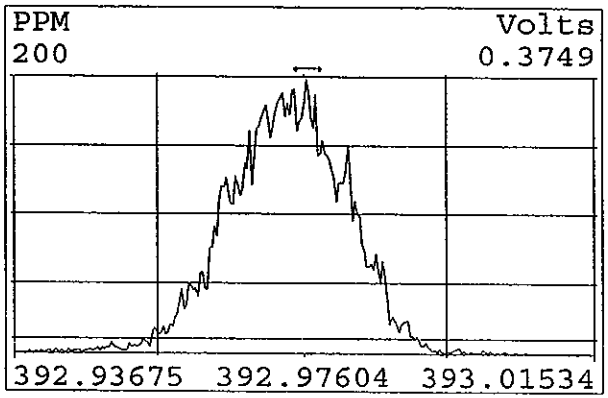


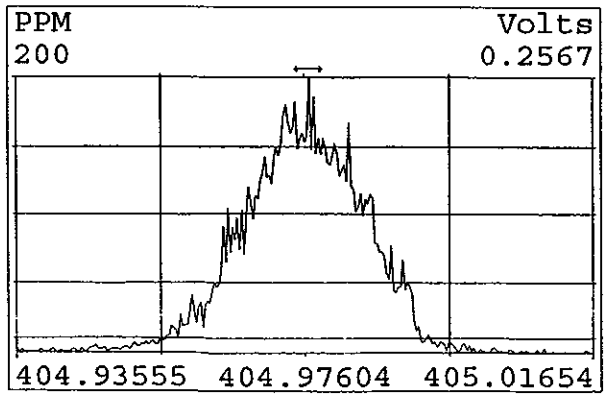


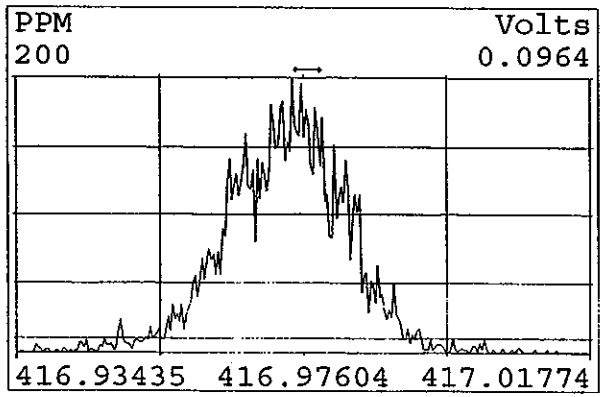




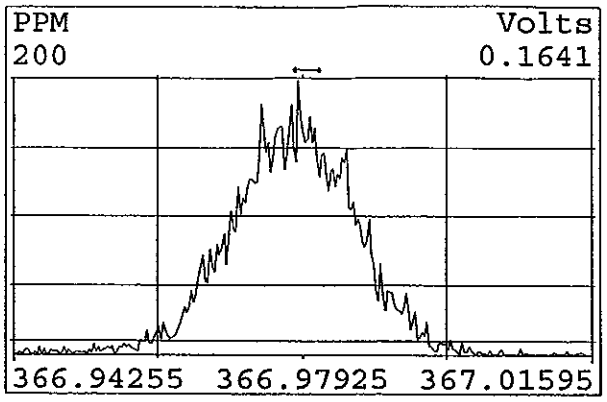


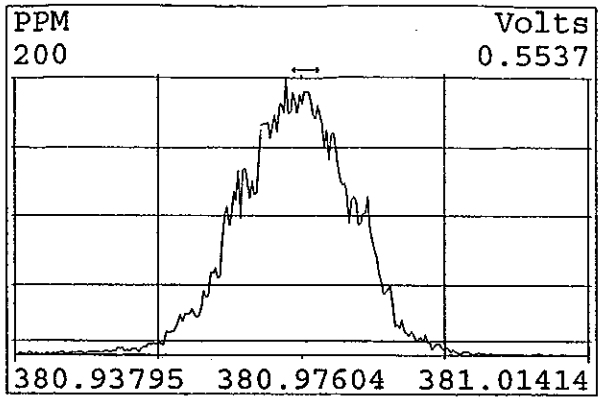


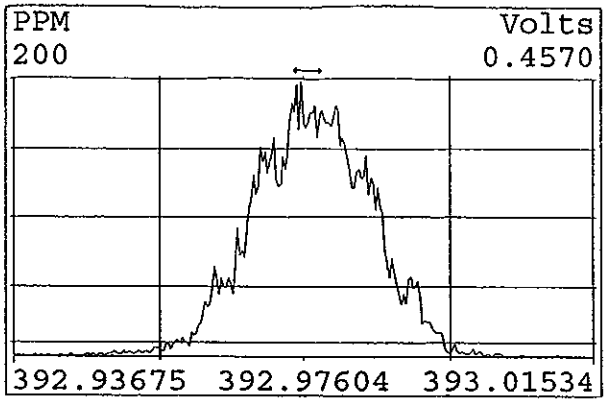


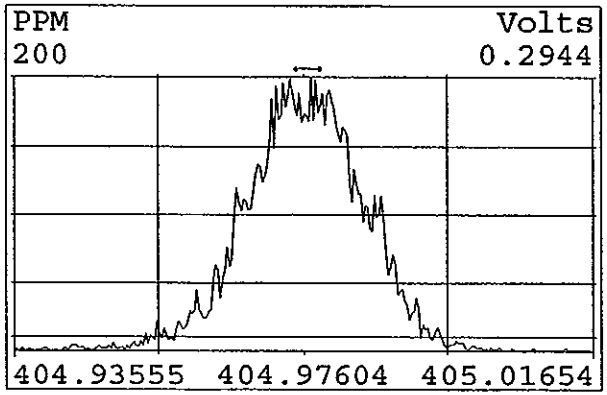


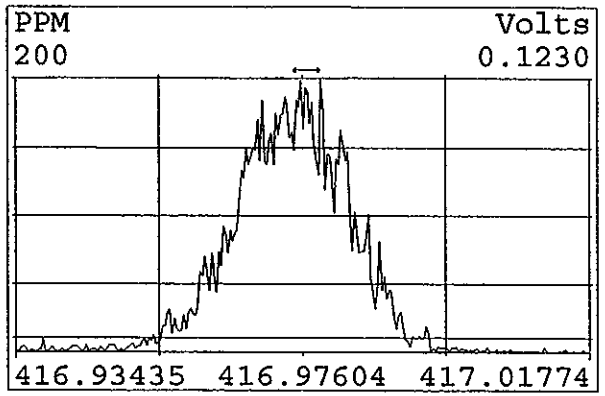
Peak Locate Examination:10-JAN-2006:09:31 File:10JA061D5
Experiment:DIOXIN Function:3 Reference:PFK

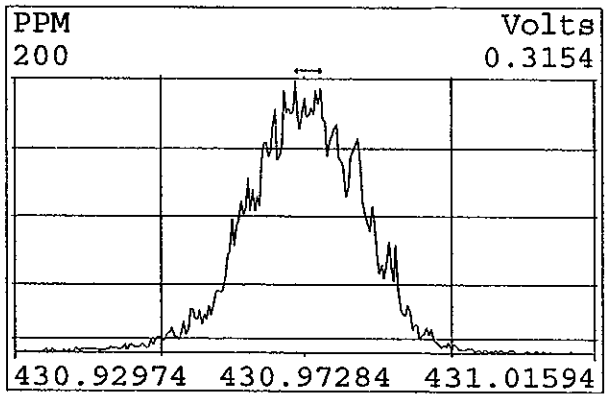


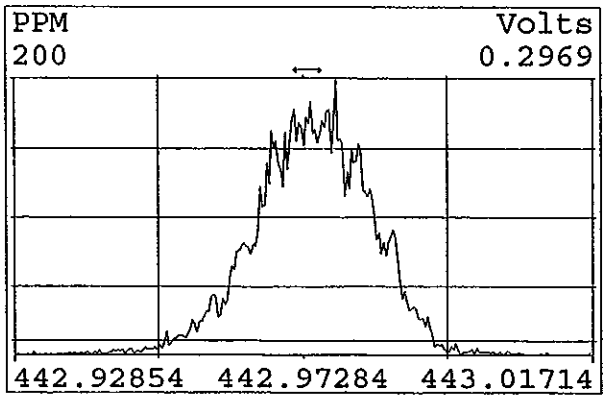


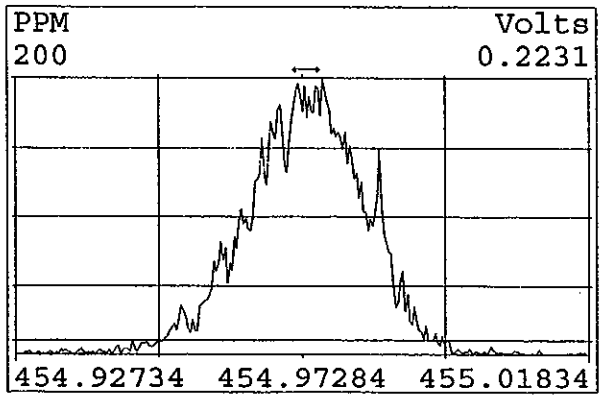




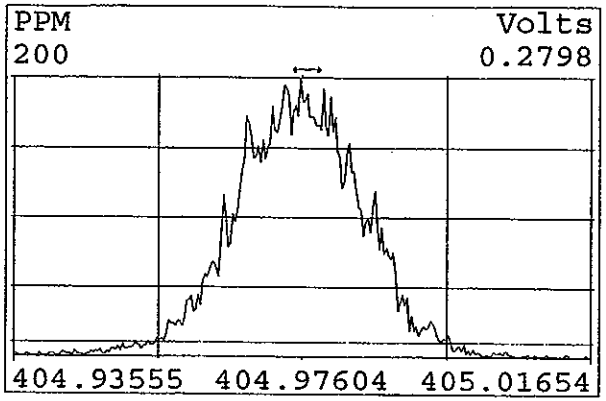


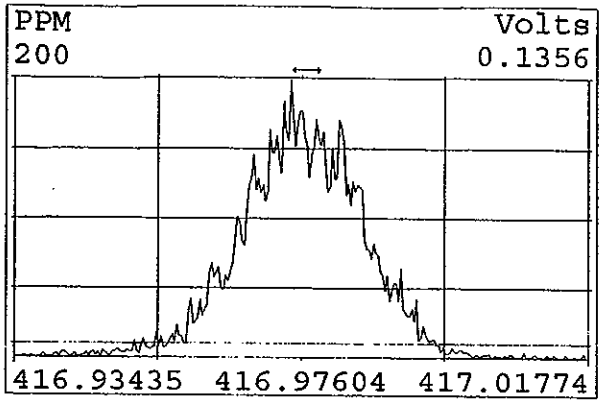


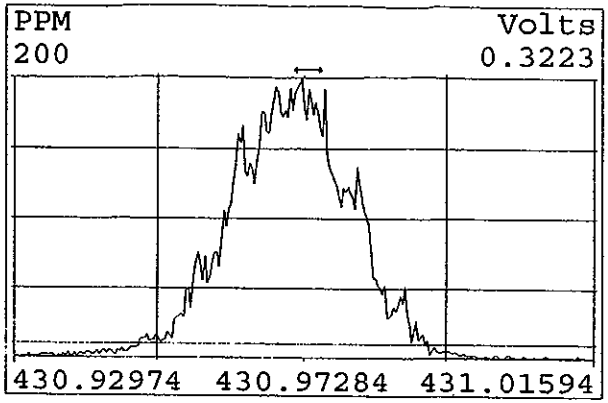


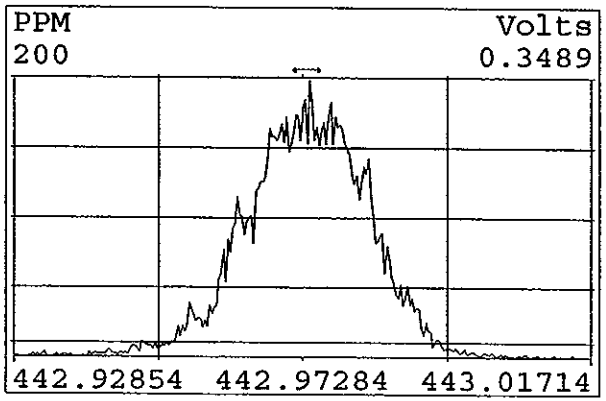


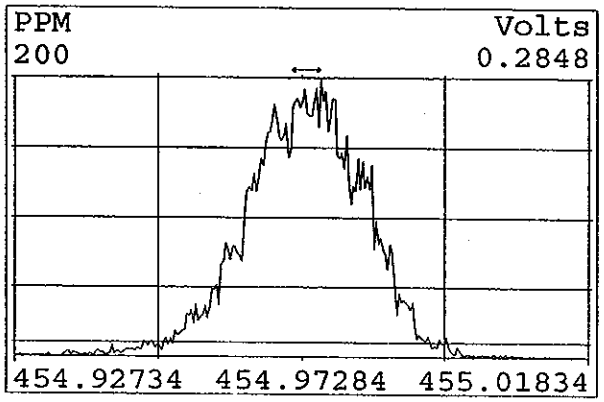
Peak Locate Examination:10-JAN-2006:09:32 File:10JA061D5
Experiment:DIOXIN Function:4 Reference:PFK

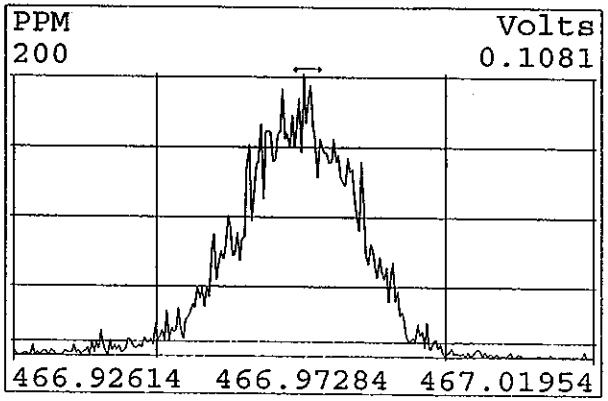


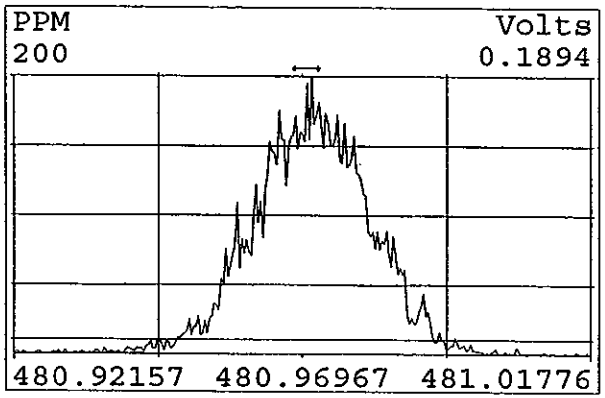




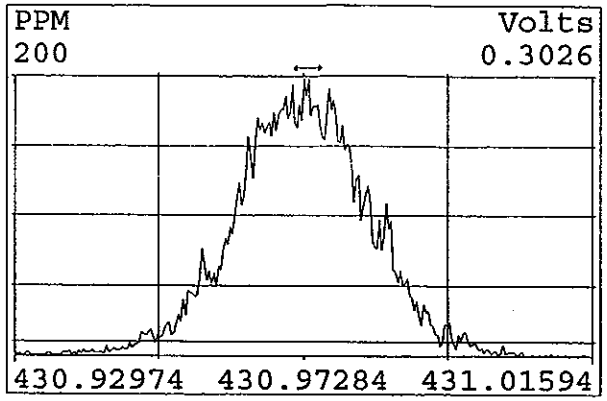


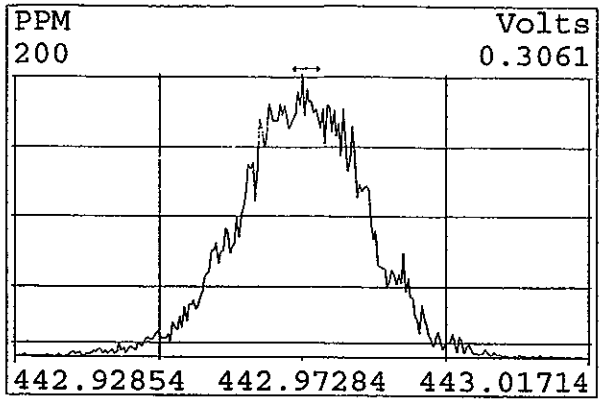


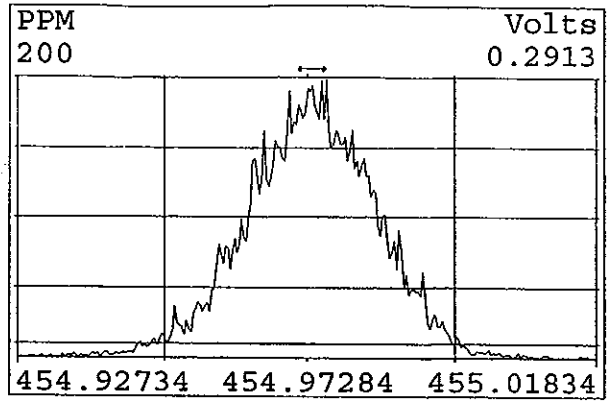


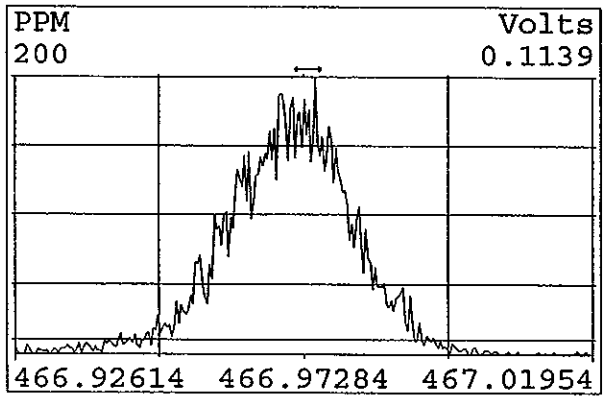


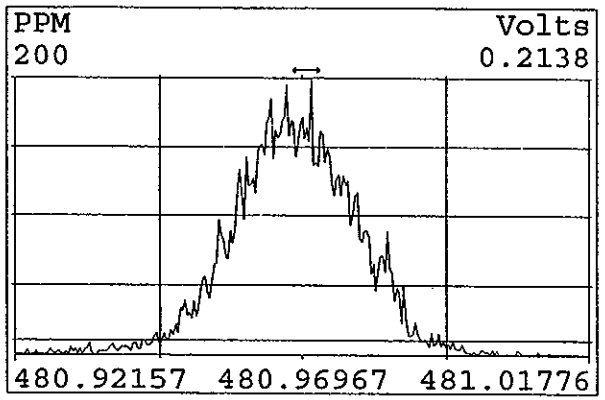
Peak Locate Examination:10-JAN-2006:09:32 File:10JA061D5
Experiment:DIOXIN Function:5 Reference:PFK

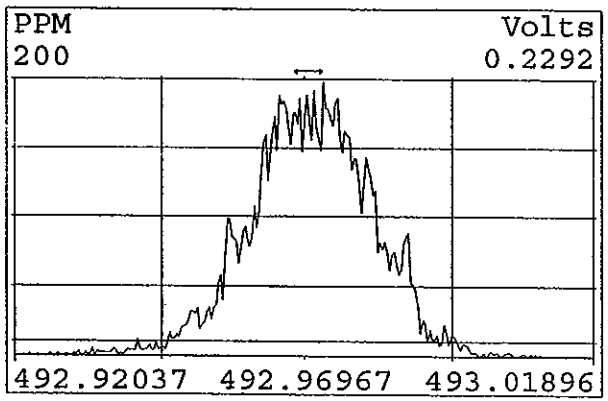


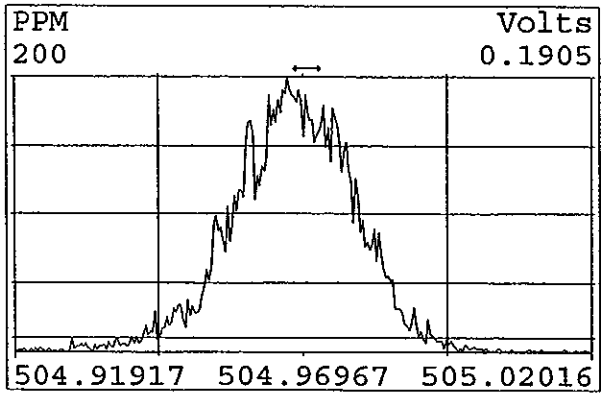


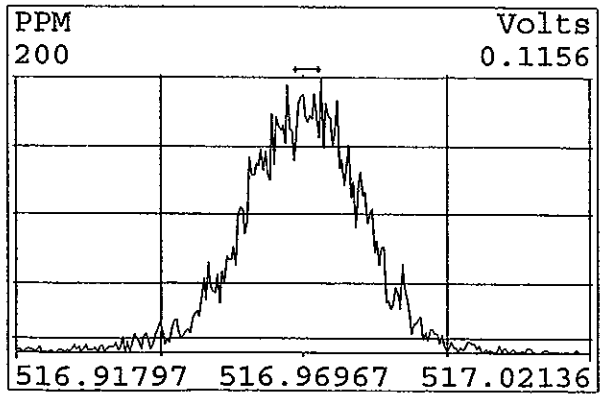




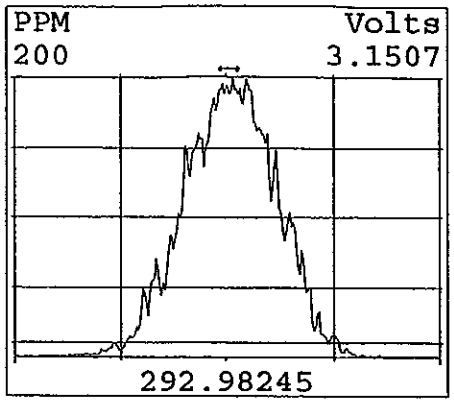


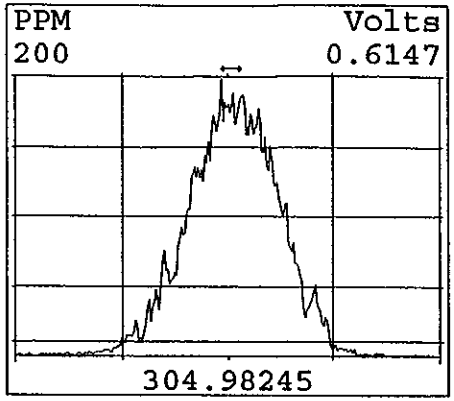


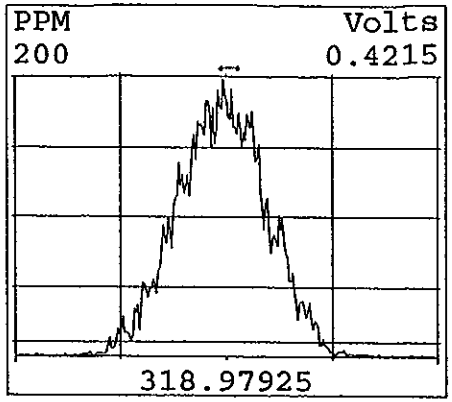


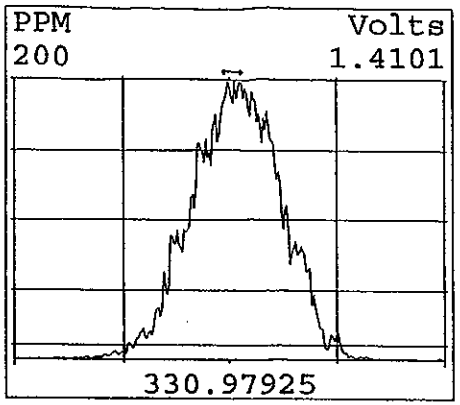


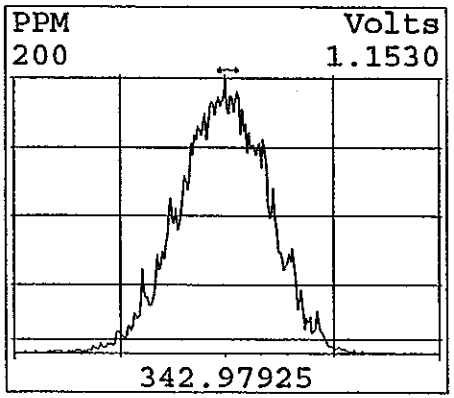
Peak Locate Examination:11-JAN-2006:08:38 File:11JA061D5 + ENDRESCHK
Experiment:DIOXIN Function:1 Reference:PFK

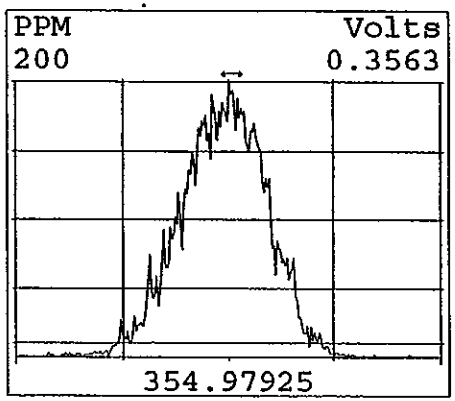


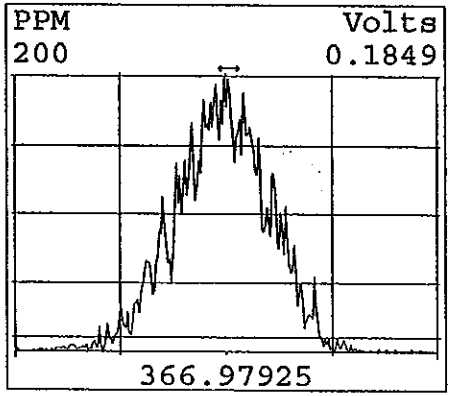


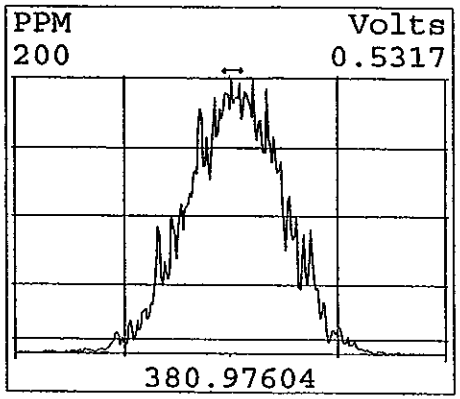


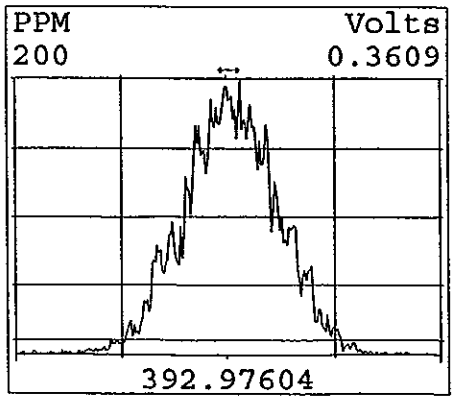


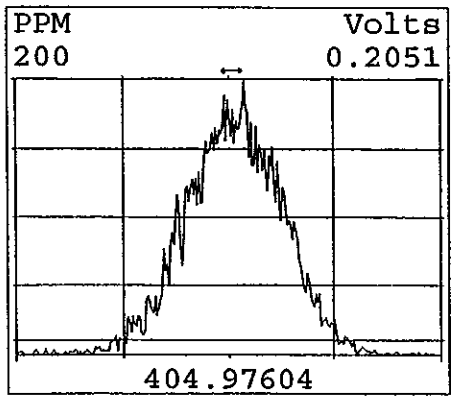


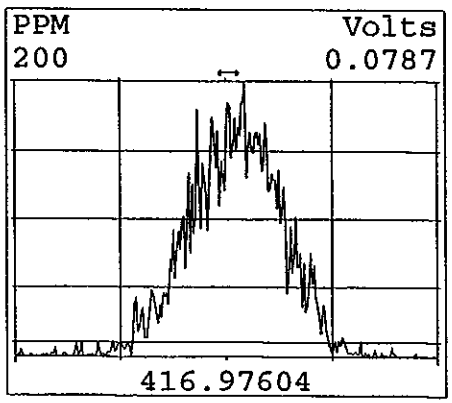




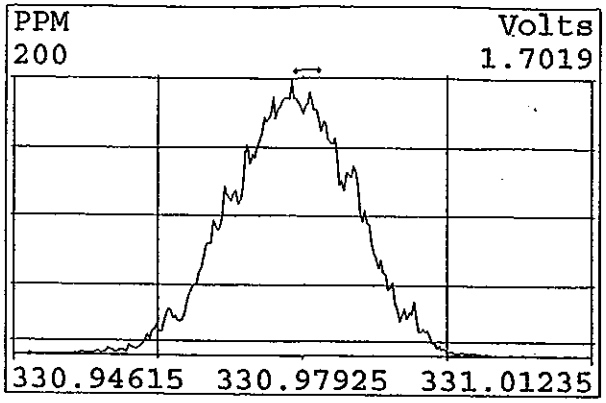


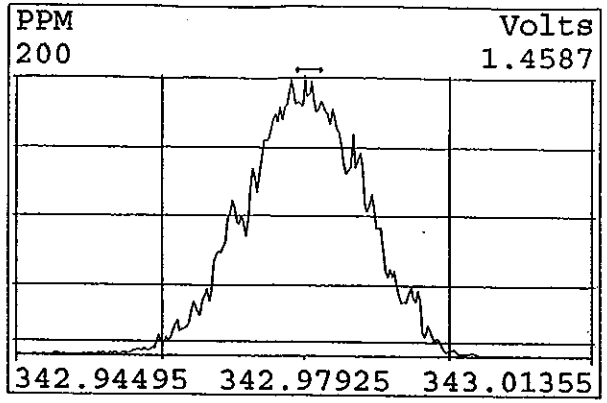


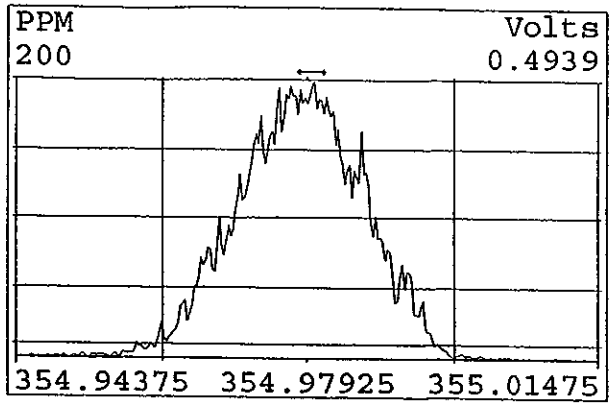


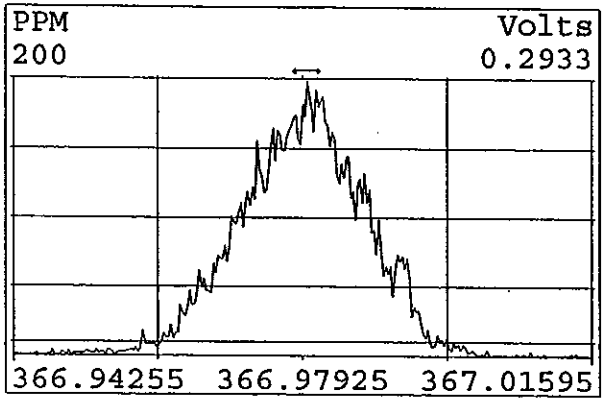


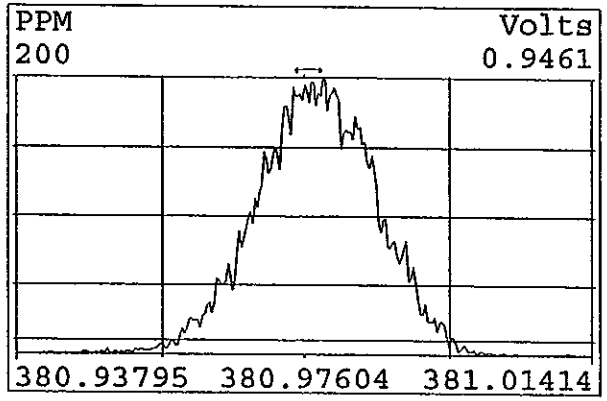
Peak Locate Examination:11-JAN-2006:08:39 File:11JA061D5 + ENDRES CHK
Experiment:DIOXIN Function:2 Reference:PFK

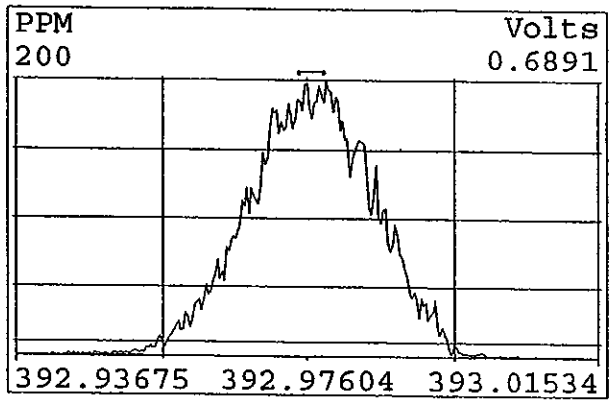


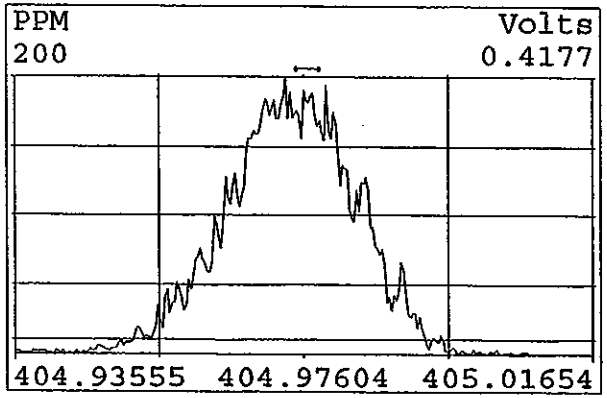


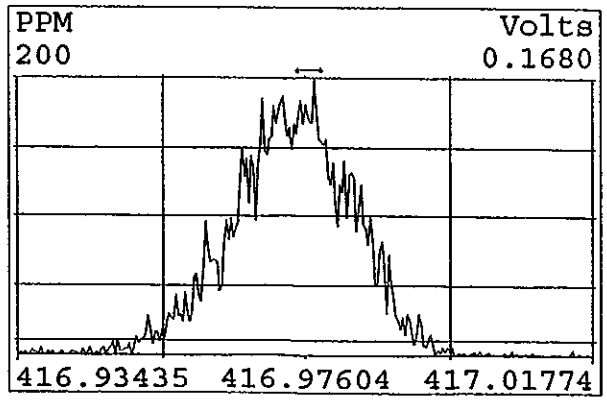




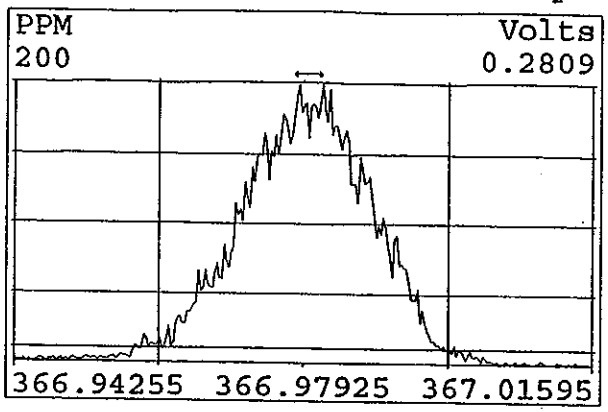


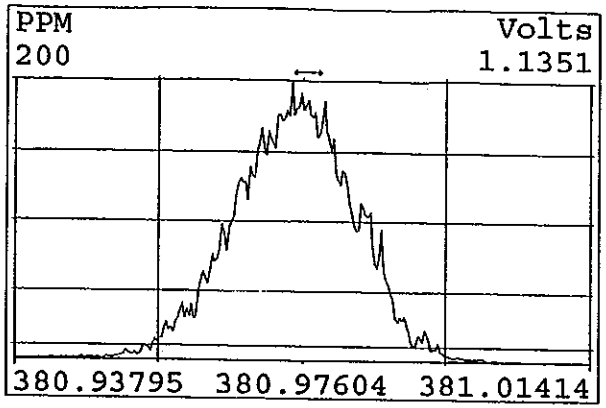


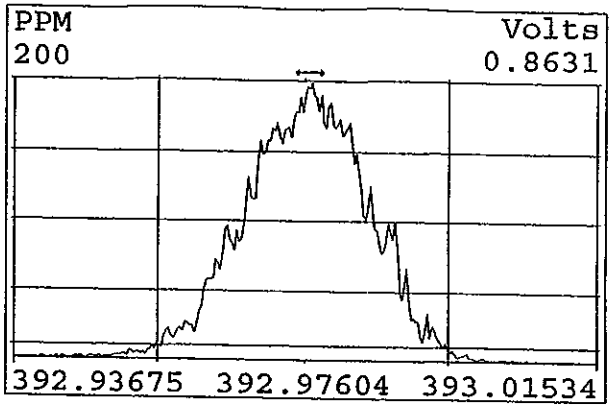


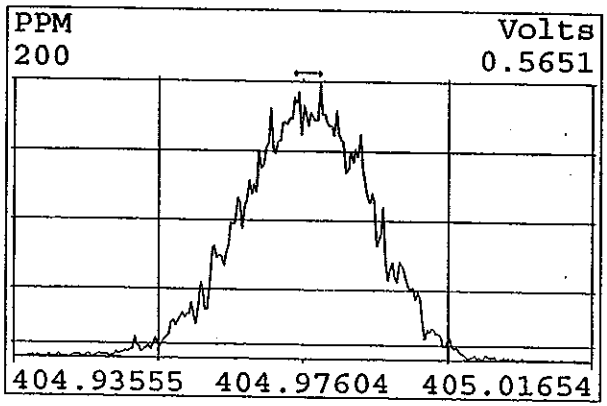


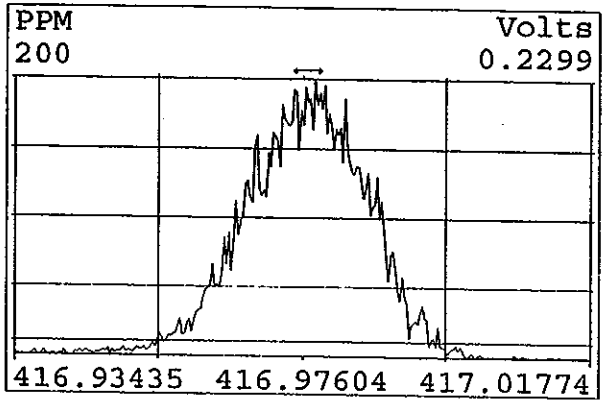
Peak Locate Examination:11-JAN-2006:08:39 File:11JA061D5 † ENDRESCHK
Experiment:DIOXIN Function:3 Reference:PFK

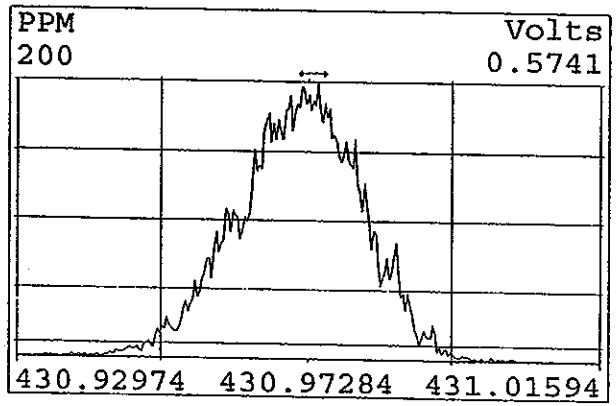


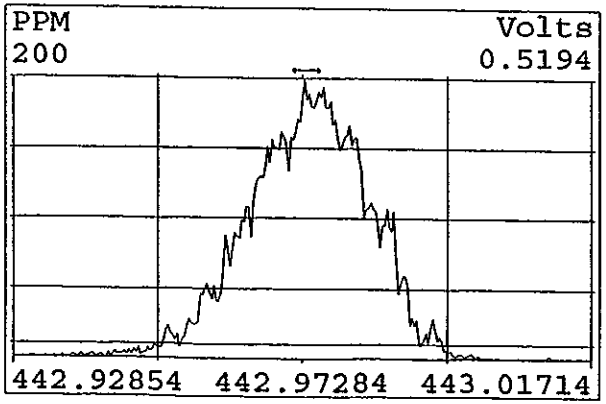


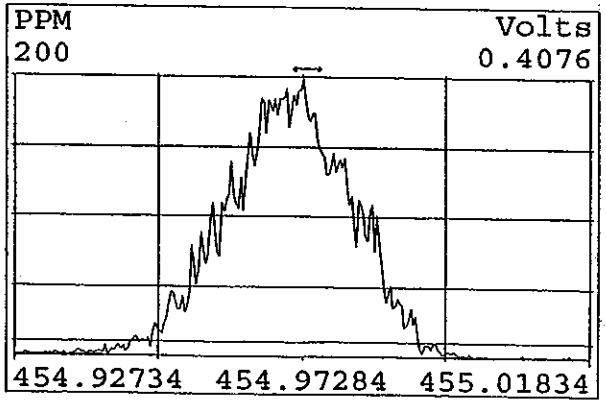




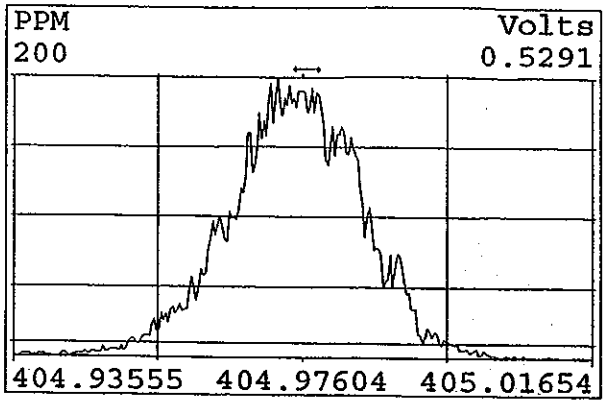


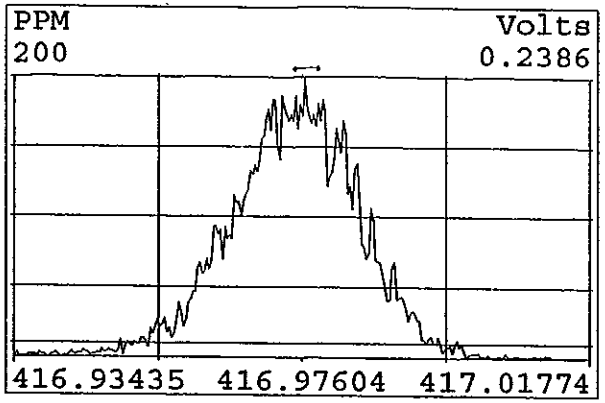


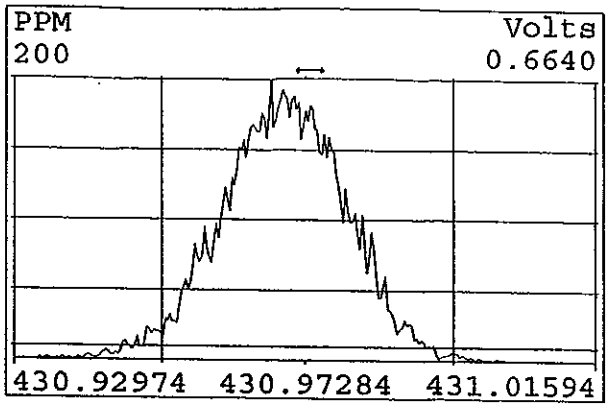


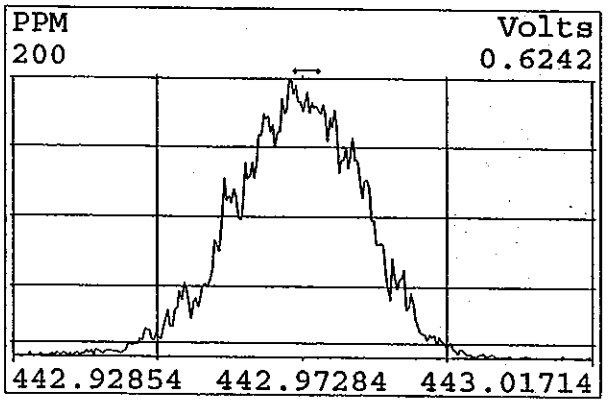


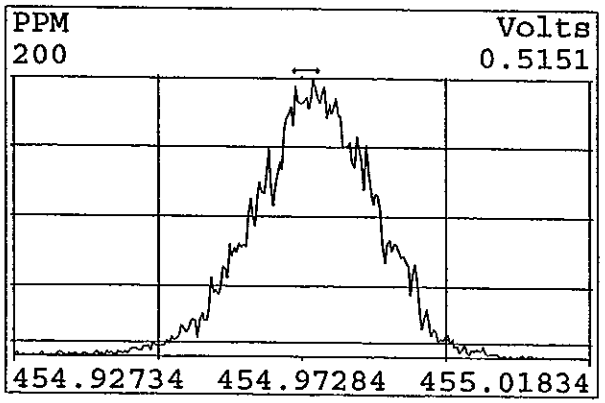
Peak Locate Examination:11-JAN-2006:08:40 File:11JA061D5 + ENDRESCHK
Experiment:DIOXIN Function:4 Reference:PFK

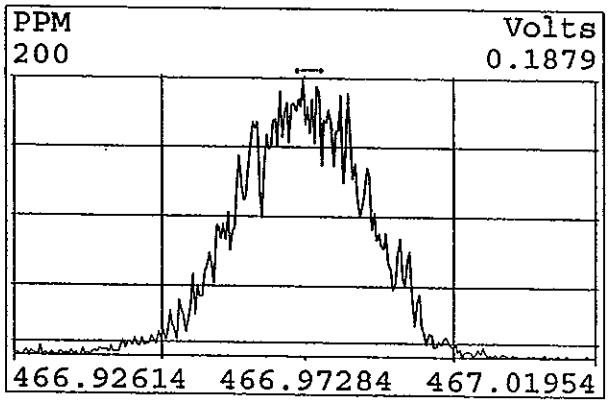


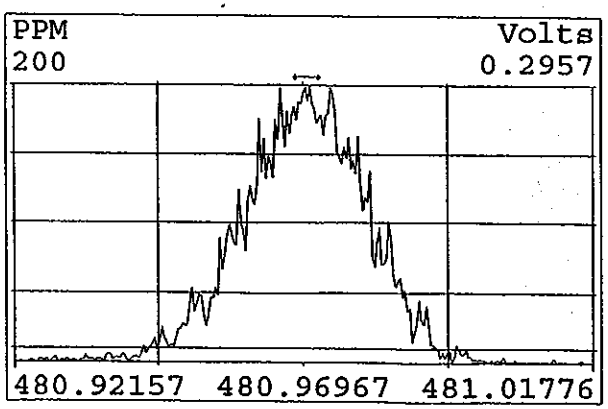




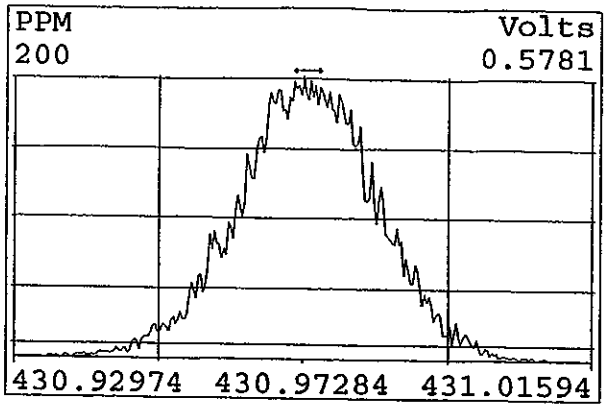


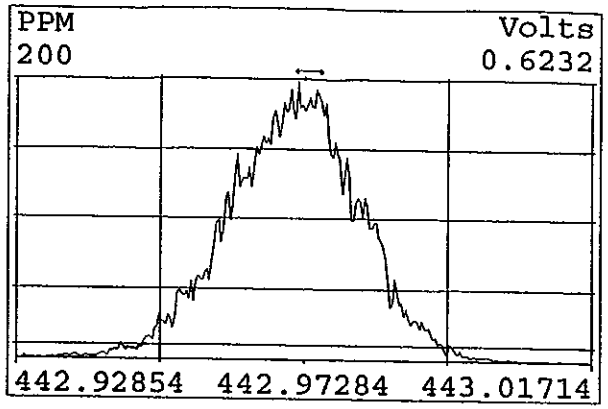


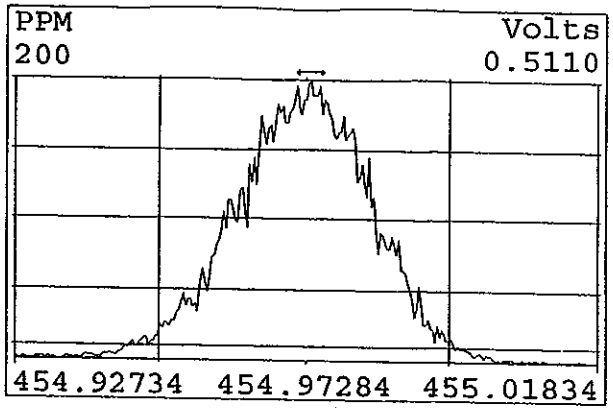


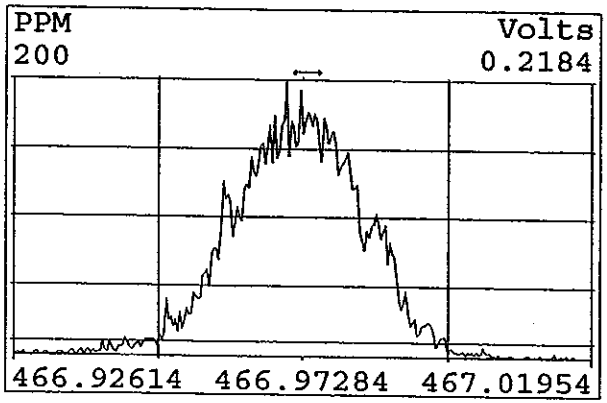


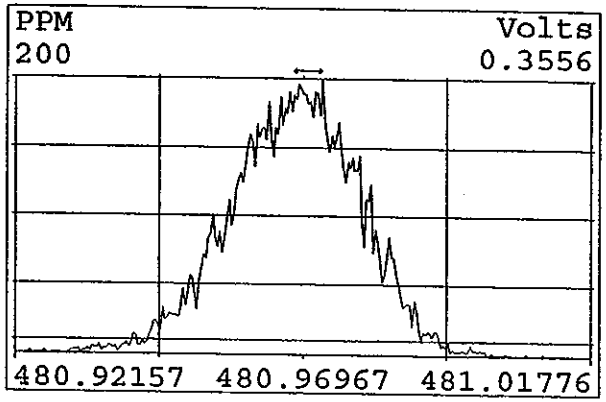
Peak Locate Examination:11-JAN-2006:08:40 File:11JA061D5 + ENDRESCHK
Experiment:DIOXIN Function:5 Reference:PFK

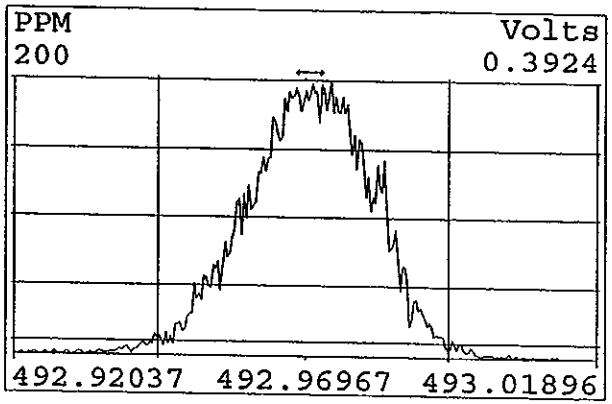


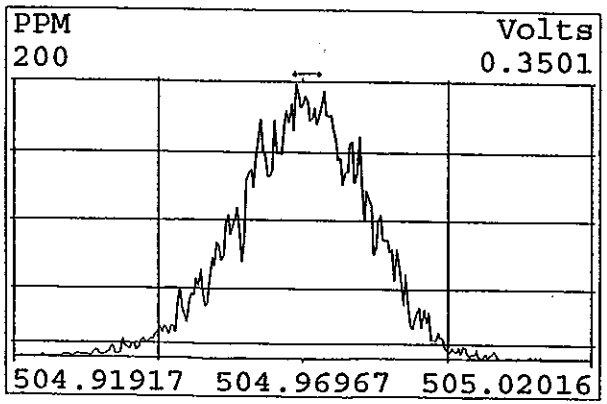


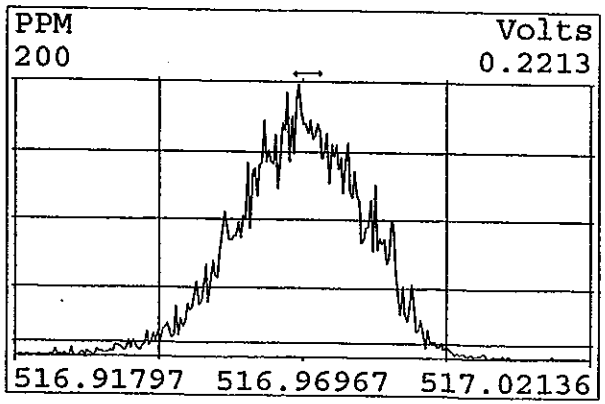




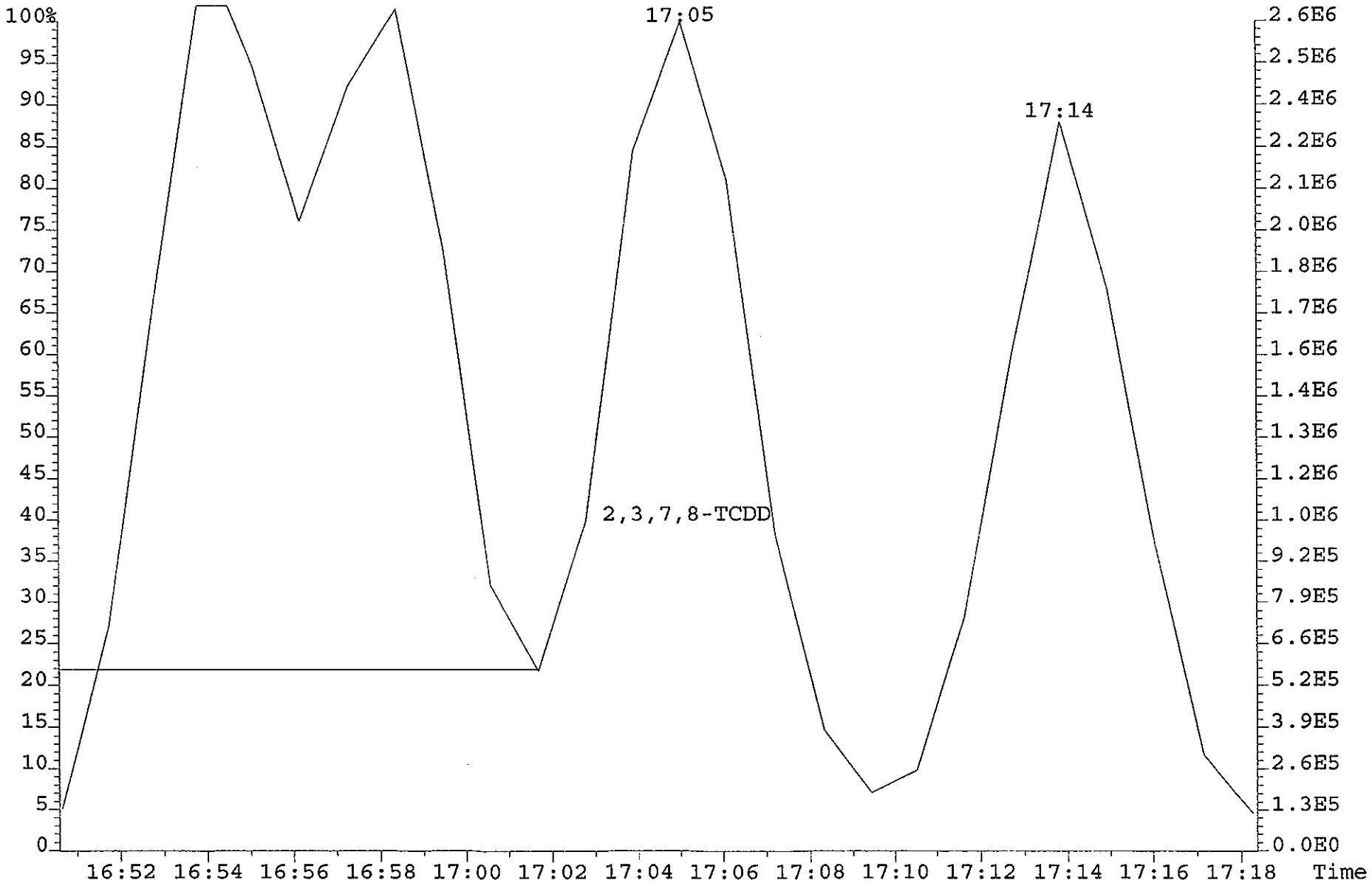








File:10JA061D5 #1-321 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
321.8936 S:2 BSUB(128,15,-3.0) Exp:DIOXIN Noise:3165



Run: 10JA061D5 Analyte: 8290 Cal: 82901209051D5

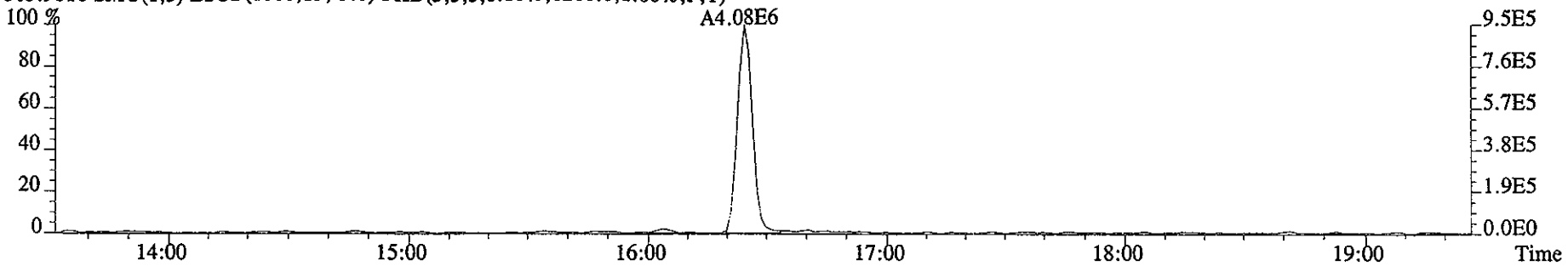
ST1209C :CS1 2565-41A ST1209B :CS2 2565-41B ST1209A :CS3 2565-41C
ST1209E :CS4 2565-41D ST1209D :CS5 2565-41E

Name	Mean	S. D.	%RSD	09DE051D5 S5 RRF1	09DE051D5 S4 RRF2	09DE051D5 S3 RRF3	09DE051D5 S7 RRF4	09DE051D5 S6 RRF5
13C-1,2,3,4-TCDD	-	-	- %	-	-	-	-	-
13C-2,3,7,8-TCDF	1.683	0.069	4.08 %	1.70	1.59	1.65	1.70	1.78
2,3,7,8-TCDF	1.163	0.061	5.21 %	1.25	1.14	1.08	1.16	1.19
Total TCDF	1.163	0.061	5.21 %	1.25	1.14	1.08	1.16	1.19
13C-2,3,7,8-TCDD	0.896	0.024	2.67 %	0.89	0.86	0.89	0.90	0.93
2,3,7,8-TCDD	1.322	0.124	9.40 %	1.53	1.22	1.25	1.27	1.34
Total TCDD	1.322	0.124	9.40 %	1.53	1.22	1.25	1.27	1.34
37Cl-2,3,7,8-TCDD	2.444	0.304	12.5 %	2.85	2.08	2.30	2.34	2.65
13C-1,2,3,7,8-PeCDF	1.545	0.096	6.25 %	1.48	1.48	1.49	1.56	1.71
1,2,3,7,8-PeCDF	1.004	0.042	4.18 %	0.97	0.96	1.00	1.04	1.06
2,3,4,7,8-PeCDF	1.049	0.040	3.79 %	1.03	1.00	1.04	1.08	1.10
Total F2 PeCDF	1.027	0.041	3.96 %	1.00	0.98	1.02	1.06	1.08
Total F1 PeCDF	1.027	0.041	3.96 %	1.00	0.98	1.02	1.06	1.08
13C-1,2,3,7,8-PeCDD	0.914	0.059	6.48 %	0.86	0.90	0.86	0.94	1.00
1,2,3,7,8-PeCDD	1.043	0.053	5.10 %	1.03	0.97	1.04	1.08	1.11
Total PeCDD	1.043	0.053	5.10 %	1.03	0.97	1.04	1.08	1.11
13C-1,2,3,7,8,9-HxCDD	-	-	- %	-	-	-	-	-
13C-1,2,3,4,7,8-HxCDF	1.383	0.030	2.19 %	1.38	1.37	1.42	1.39	1.34
1,2,3,4,7,8-HxCDF	1.111	0.044	3.97 %	1.14	1.05	1.07	1.14	1.15
1,2,3,6,7,8-HxCDF	1.140	0.060	5.24 %	1.15	1.07	1.09	1.18	1.21
2,3,4,6,7,8-HxCDF	1.064	0.044	4.11 %	1.06	1.01	1.04	1.10	1.12
1,2,3,7,8,9-HxCDF	1.018	0.052	5.07 %	1.06	0.96	0.98	1.02	1.07
Total HxCDF	1.083	0.048	4.45 %	1.10	1.02	1.04	1.11	1.14
13C-1,2,3,6,7,8-HxCDD	0.958	0.009	0.978¶	0.96	0.95	0.95	0.97	0.95
1,2,3,4,7,8-HxCDD	0.954	0.065	6.76 %	0.88	0.89	0.99	1.00	1.01

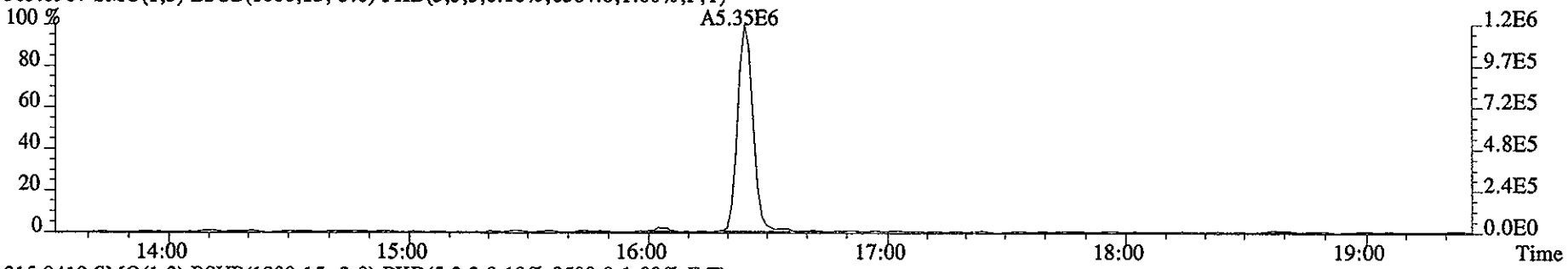
1,2,3,6,7,8-HxCDD	1.001	0.041	4.06 %	0.97	0.95	1.01	1.02	1.05
1,2,3,7,8,9-HxCDD	1.044	0.047	4.53 %	1.04	0.97	1.06	1.06	1.09
Total HxCDD	1.000	0.049	4.87 %	0.96	0.93	1.02	1.03	1.05
13C-1,2,3,4,6,7,8-HpCDF	1.129	0.027	2.35 %	1.14	1.13	1.17	1.11	1.10
1,2,3,4,6,7,8-HpCDF	1.311	0.041	3.09 %	1.29	1.25	1.32	1.33	1.36
1,2,3,4,7,8,9-HpCDF	1.191	0.085	7.13 %	1.10	1.11	1.20	1.25	1.29
Total HpCDF	1.251	0.061	4.92 %	1.20	1.18	1.26	1.29	1.33
13C-1,2,3,4,6,7,8-HpCDD	0.998	0.006	0.597	0.99	0.99	1.00	0.99	1.01
1,2,3,4,6,7,8-HpCDD	0.948	0.044	4.69 %	0.90	0.90	0.98	0.97	0.99
Total HpCDD	0.948	0.044	4.69 %	0.90	0.90	0.98	0.97	0.99
13C-OCDD	0.809	0.045	5.59 %	0.81	0.74	0.82	0.81	0.87
OCDF	1.319	0.064	4.87 %	1.29	1.23	1.32	1.37	1.38
OCDD	1.005	0.034	3.40 %	1.03	0.95	0.99	1.03	1.03

File:10JA061D5 #1-322 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN

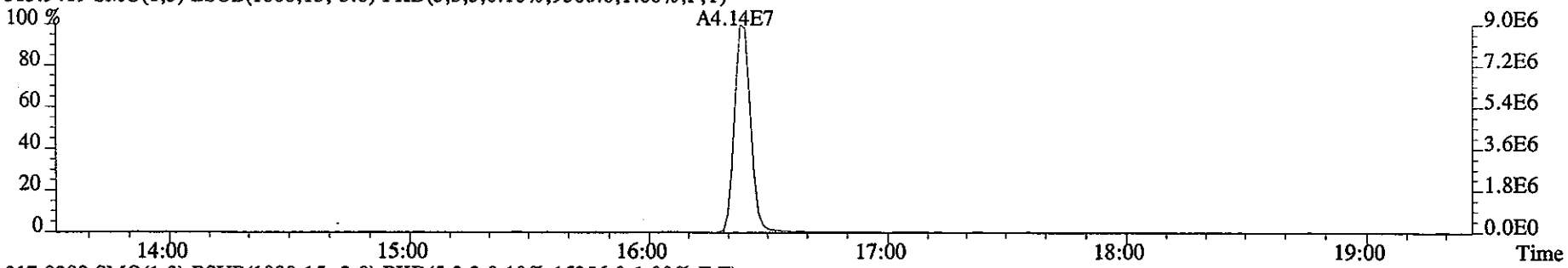
303.9016 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6260.0,1.00%,F,T)



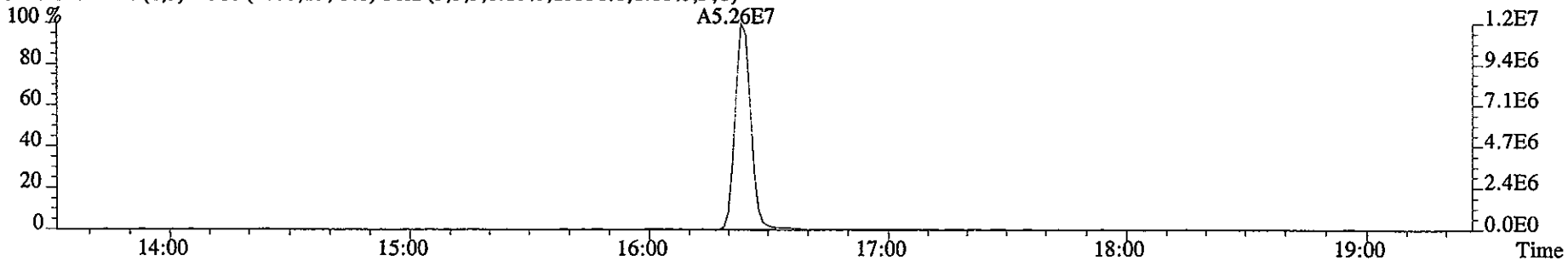
305.8987 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6584.0,1.00%,F,T)



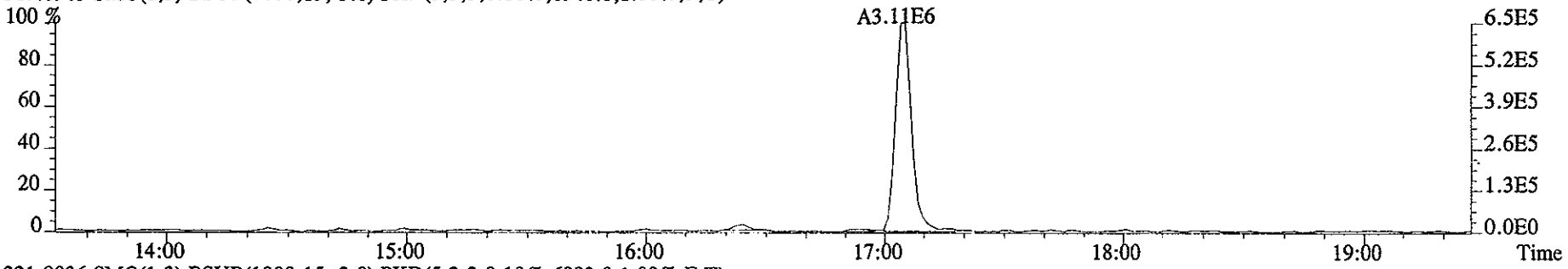
315.9419 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9500.0,1.00%,F,T)



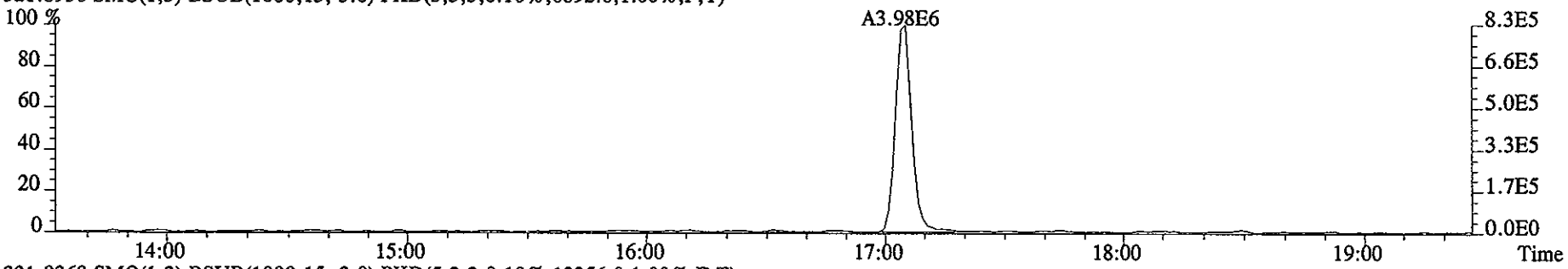
317.9389 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15356.0,1.00%,F,T)



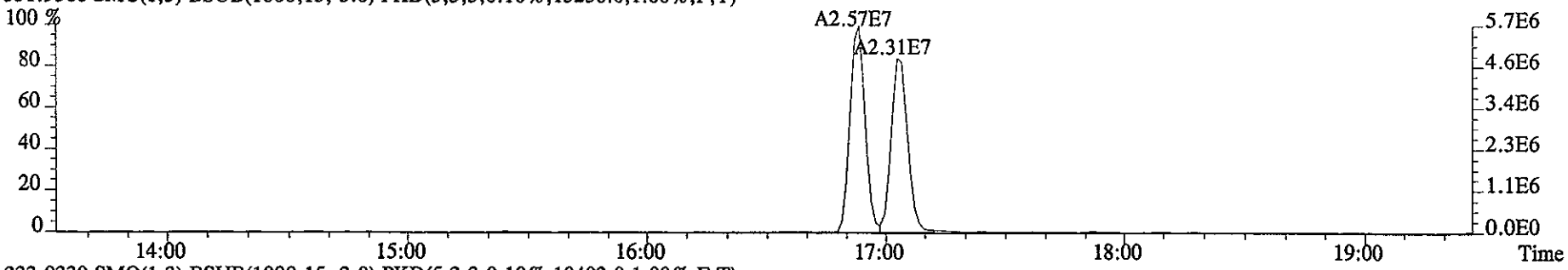
File:10JA061D5 #1-322 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
319.8965 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6940.0,1.00%,F,T)



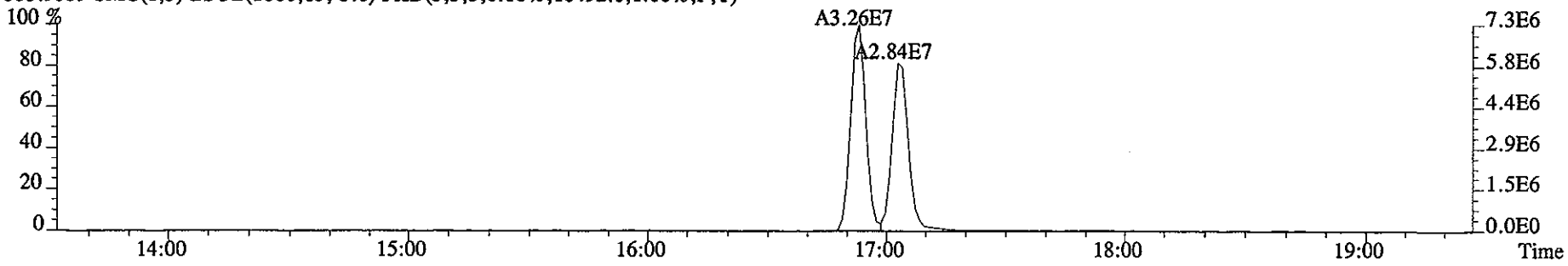
321.8936 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6892.0,1.00%,F,T)



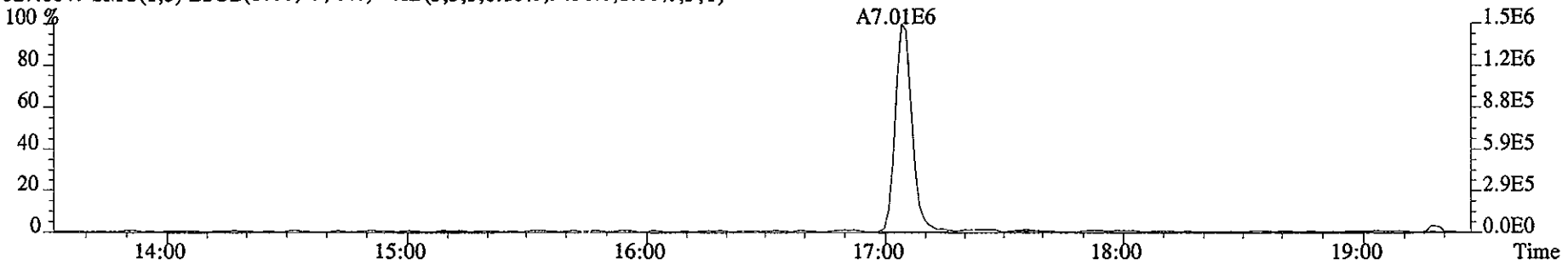
331.9368 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13256.0,1.00%,F,T)



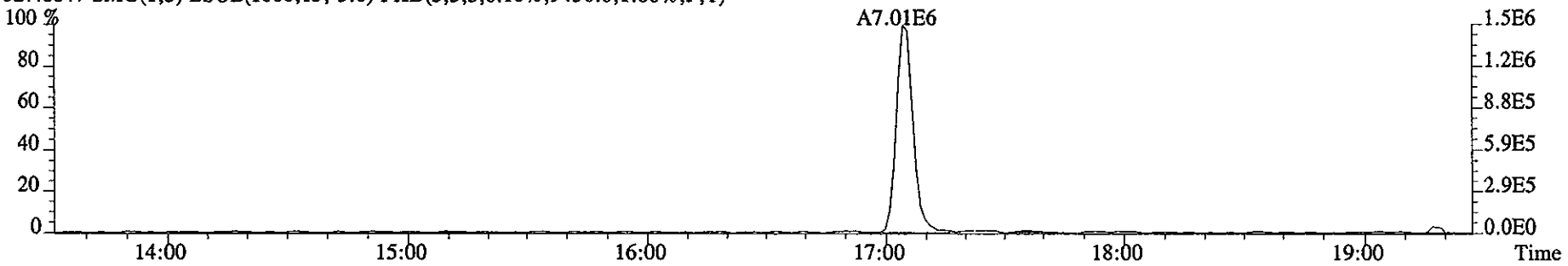
333.9339 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10492.0,1.00%,F,T)



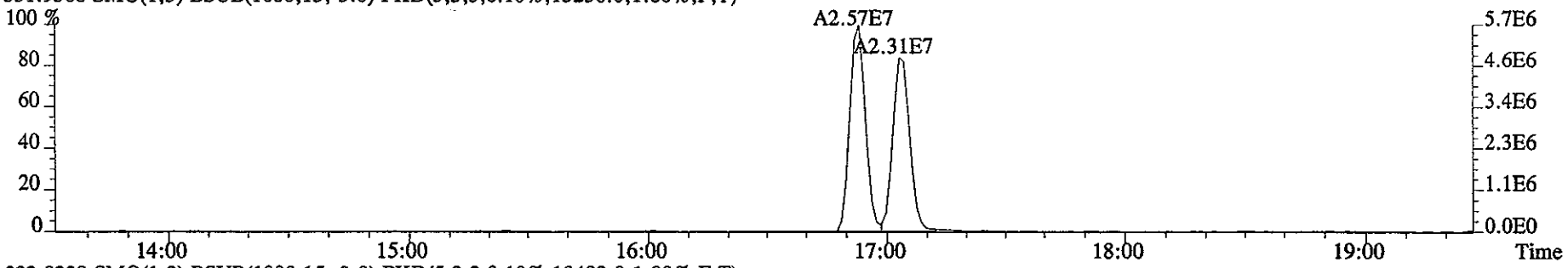
File:10JA061D5 #1-322 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
327.8847 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9436.0,1.00%,F,T)



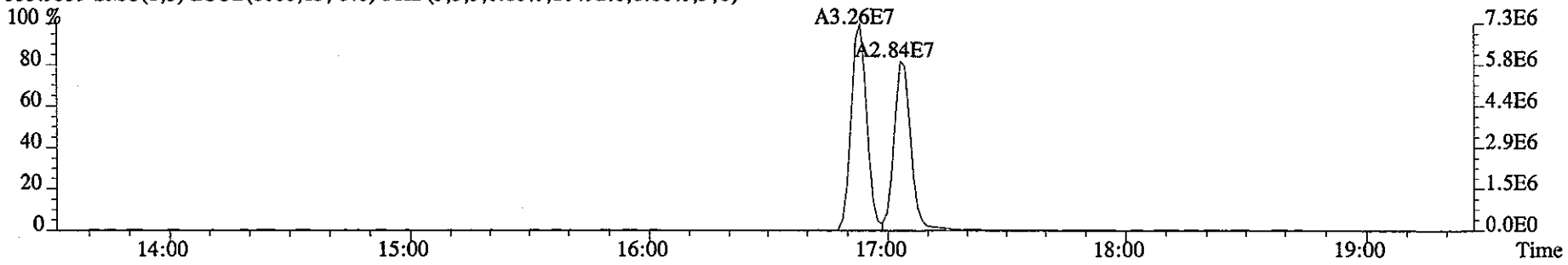
327.8847 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9436.0,1.00%,F,T)



331.9368 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13256.0,1.00%,F,T)

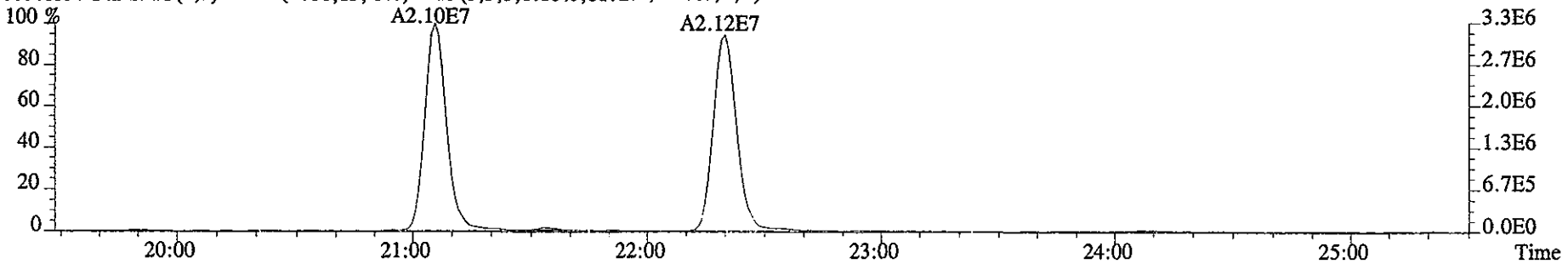


333.9339 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10492.0,1.00%,F,T)

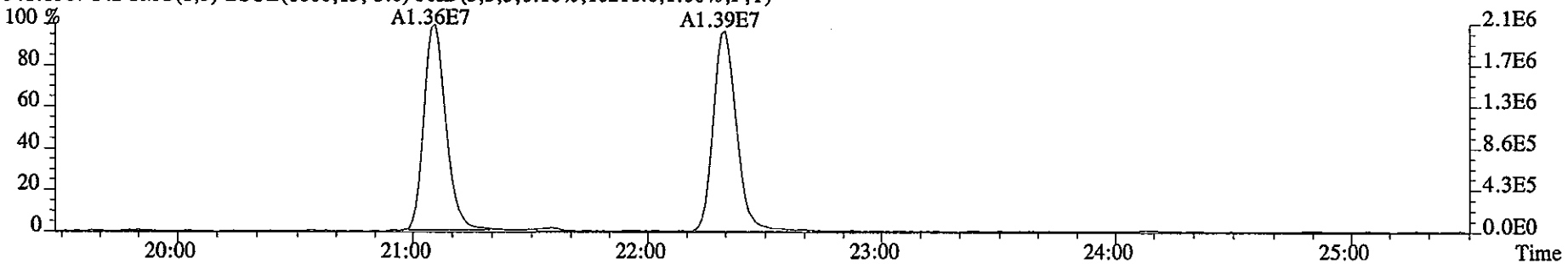


File:10JA061D5 #1-425 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN

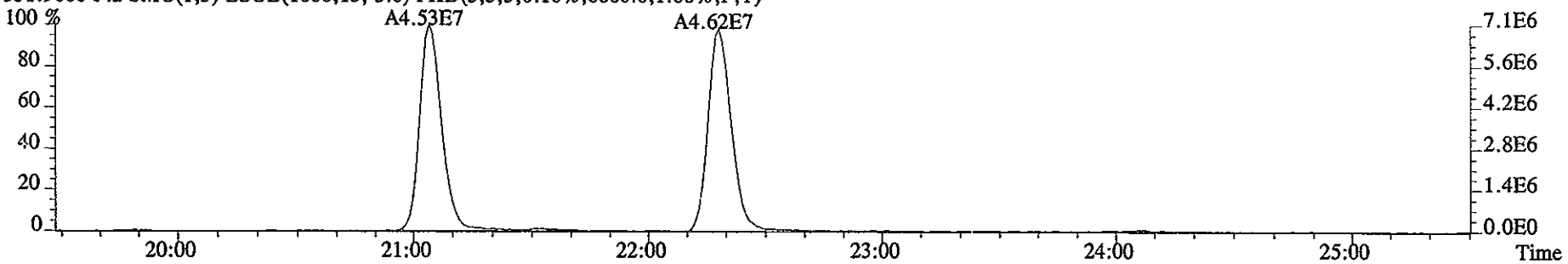
339.8597 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8172.0,1.00%,F,T)



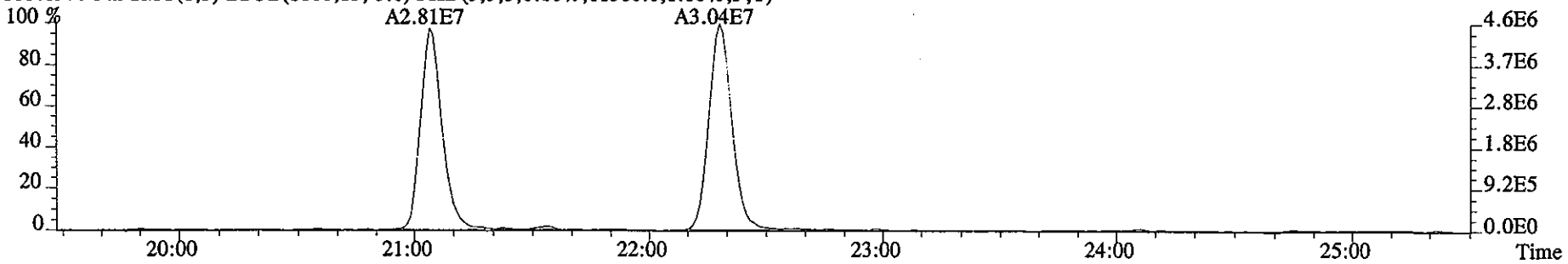
341.8567 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10216.0,1.00%,F,T)



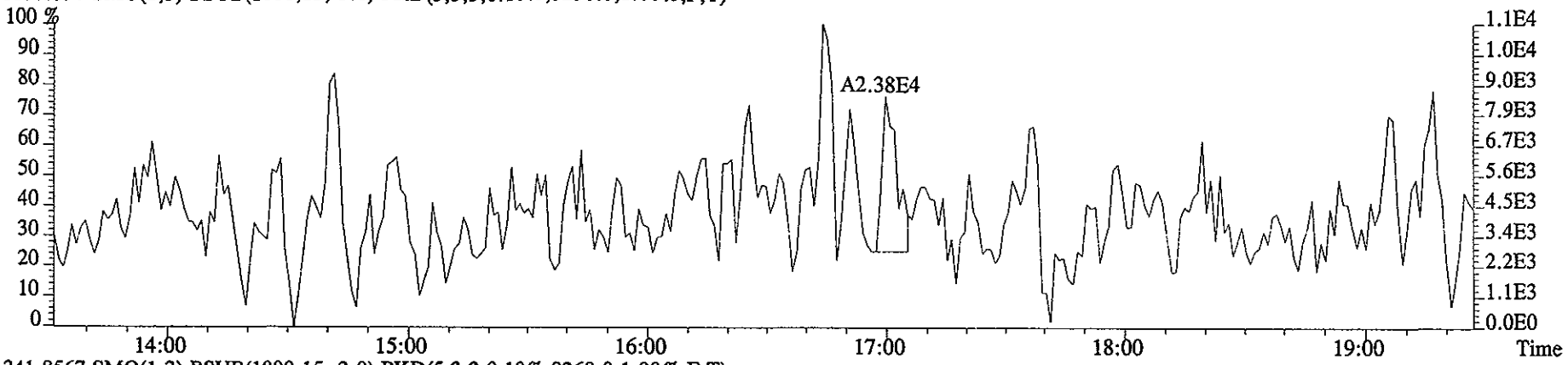
351.9000 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8860.0,1.00%,F,T)



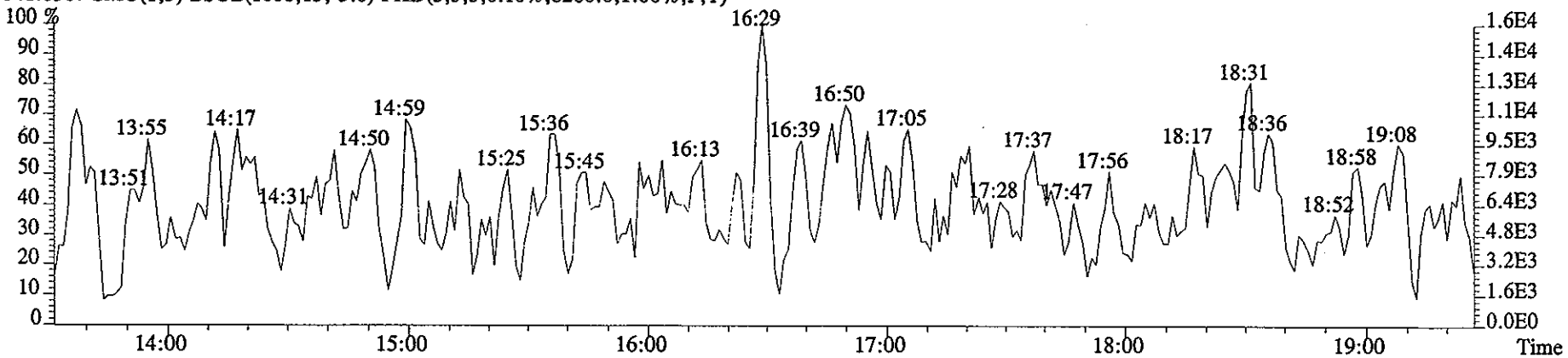
353.8970 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11560.0,1.00%,F,T)



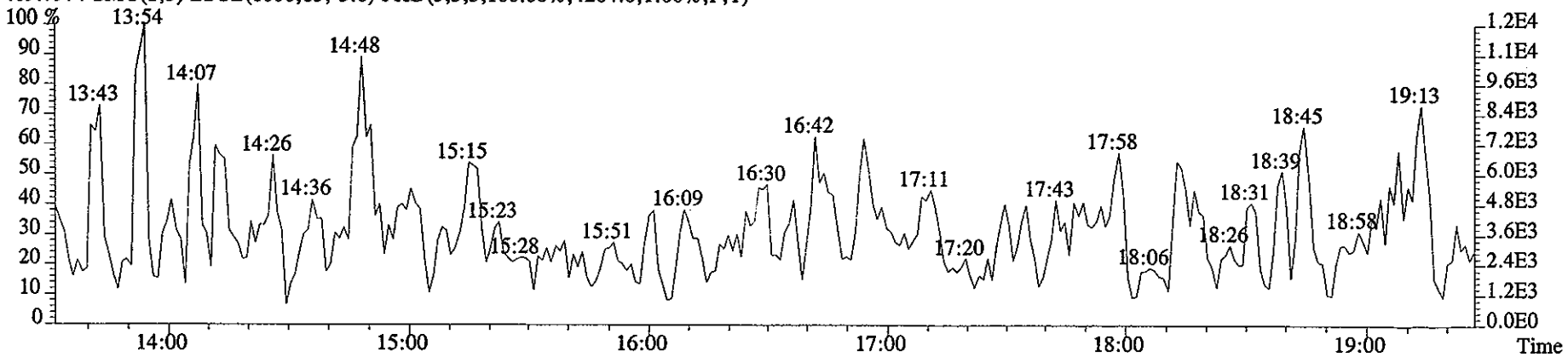
File:10JA061D5 #1-322 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
339.8597 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5256.0,1.00%,F,T)



341.8567 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8260.0,1.00%,F,T)

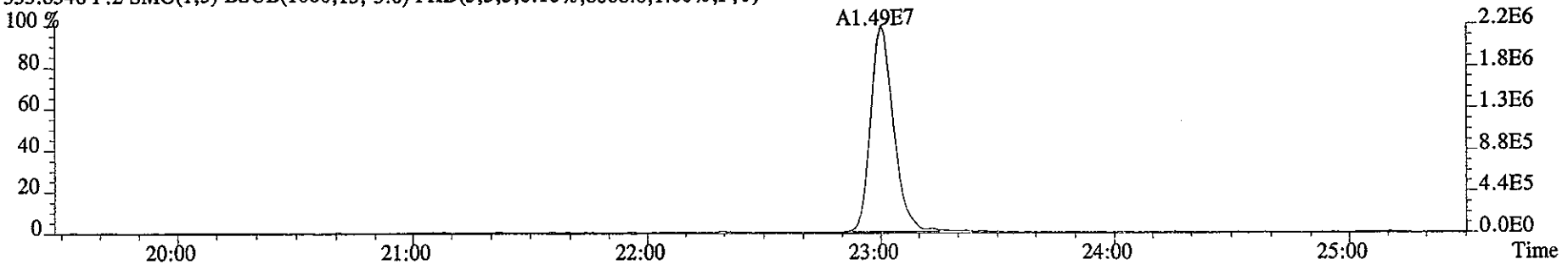


409.7974 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4204.0,1.00%,F,T)

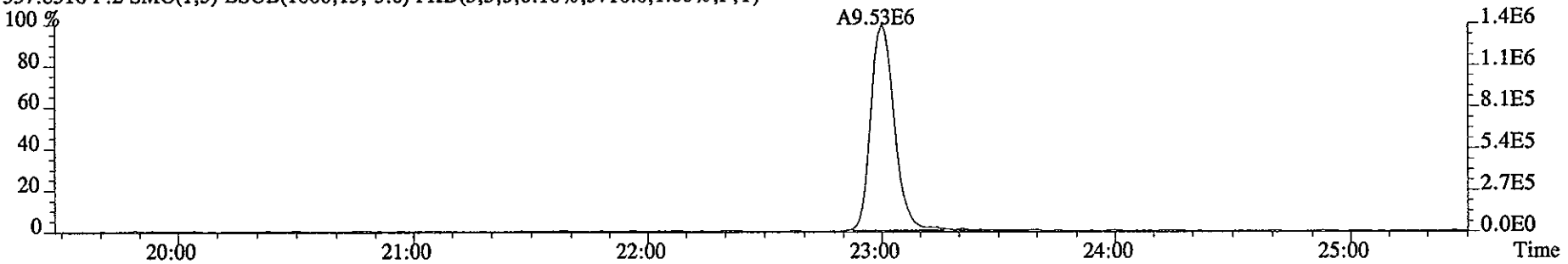


File:10JA061D5 #1-425 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN

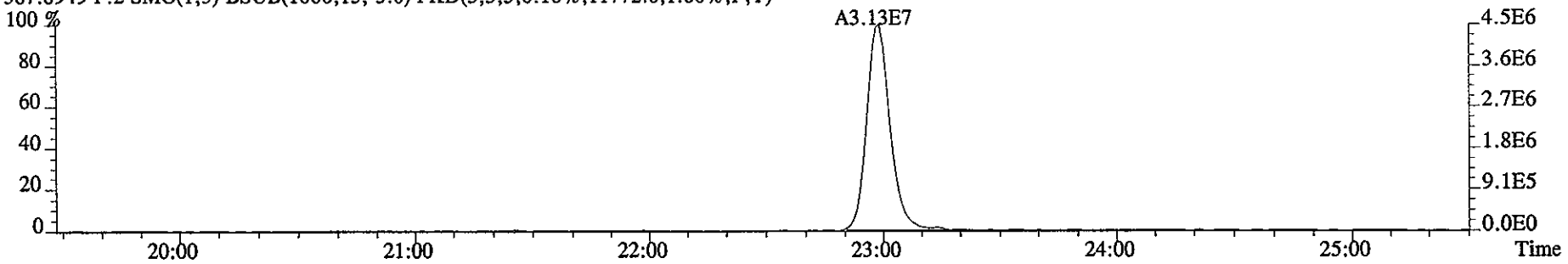
355.8546 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8008.0,1.00%,F,T)



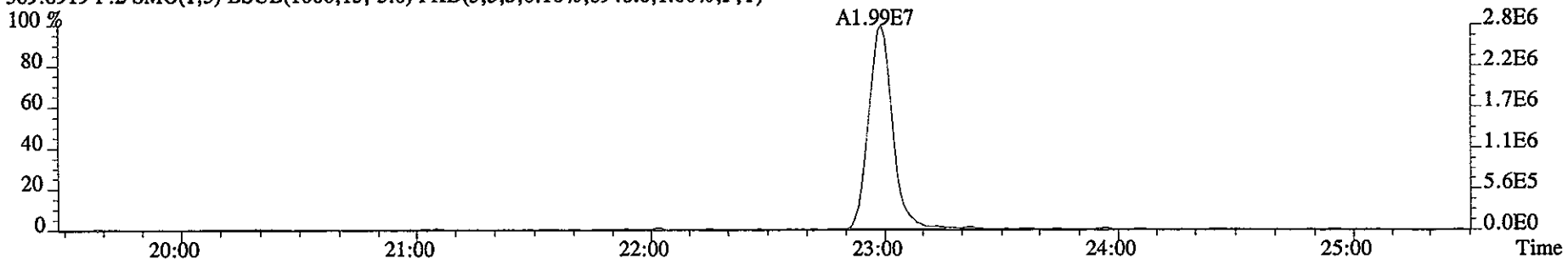
357.8516 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5716.0,1.00%,F,T)



367.8949 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11772.0,1.00%,F,T)

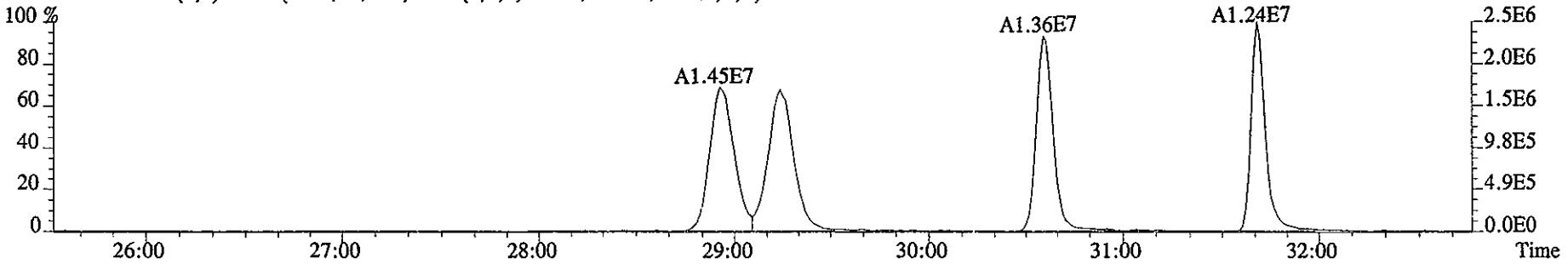


369.8919 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8948.0,1.00%,F,T)

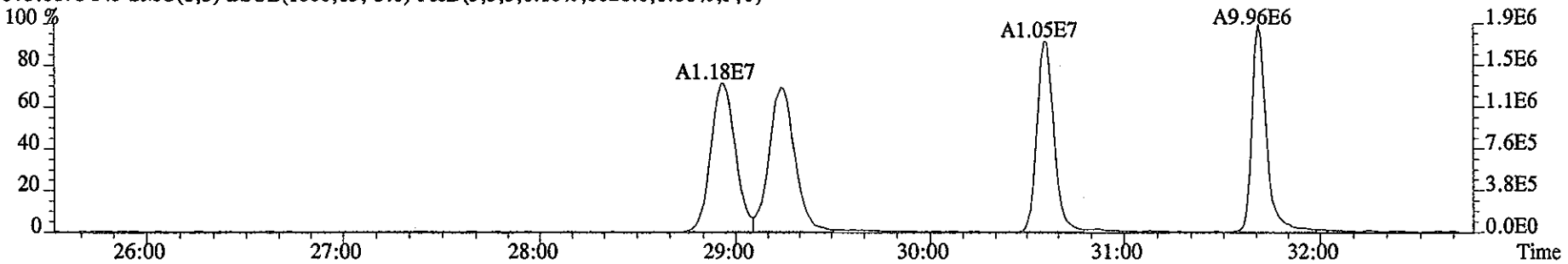


File:10JA061D5 #1-487 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN

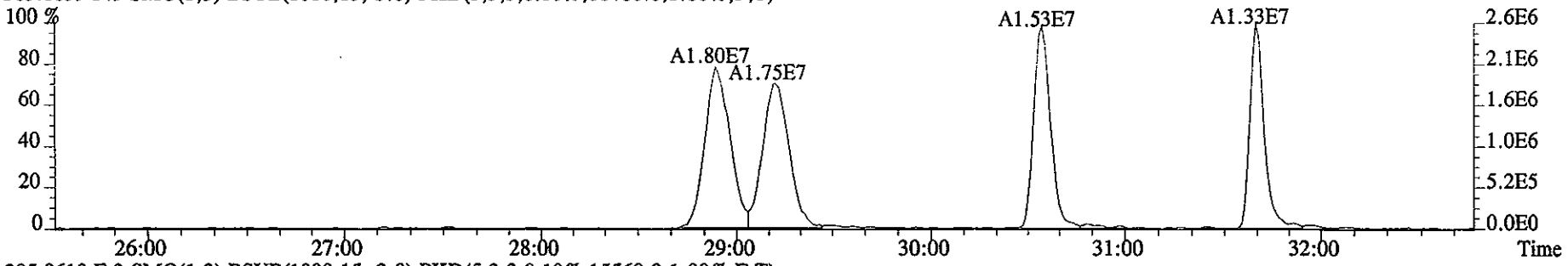
373.8208 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9088.0,1.00%,F,T)



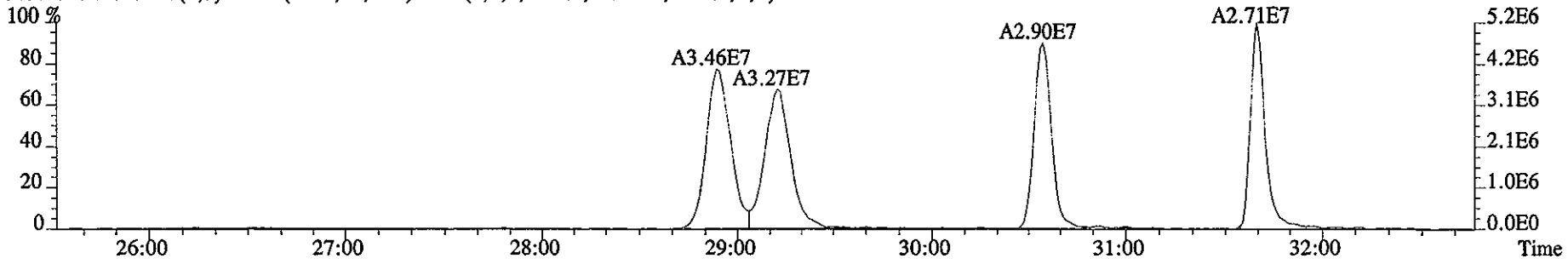
375.8178 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8020.0,1.00%,F,T)



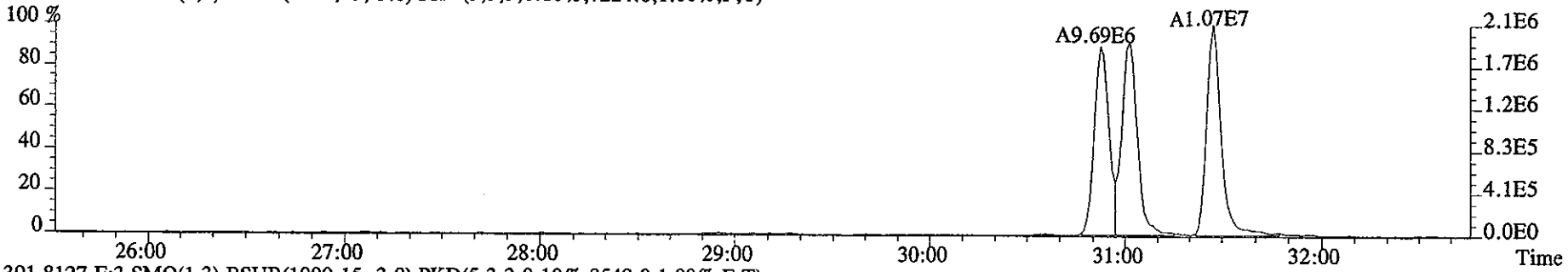
383.8639 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11488.0,1.00%,F,T)



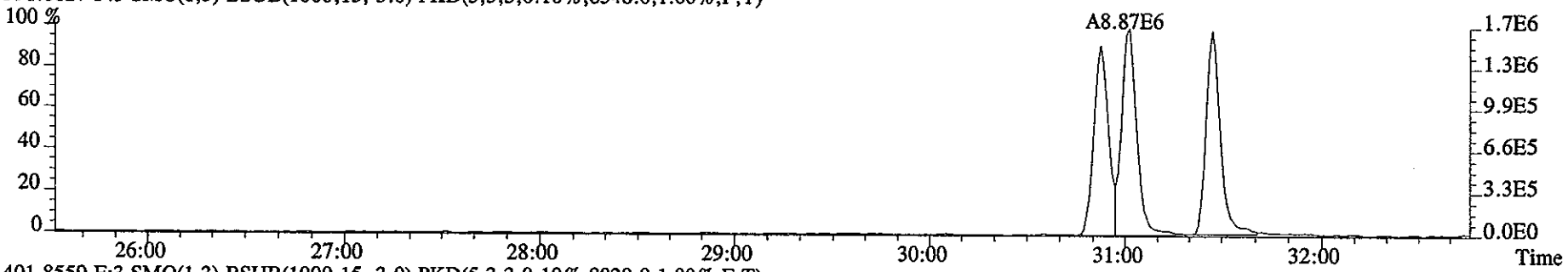
385.8610 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15568.0,1.00%,F,T)



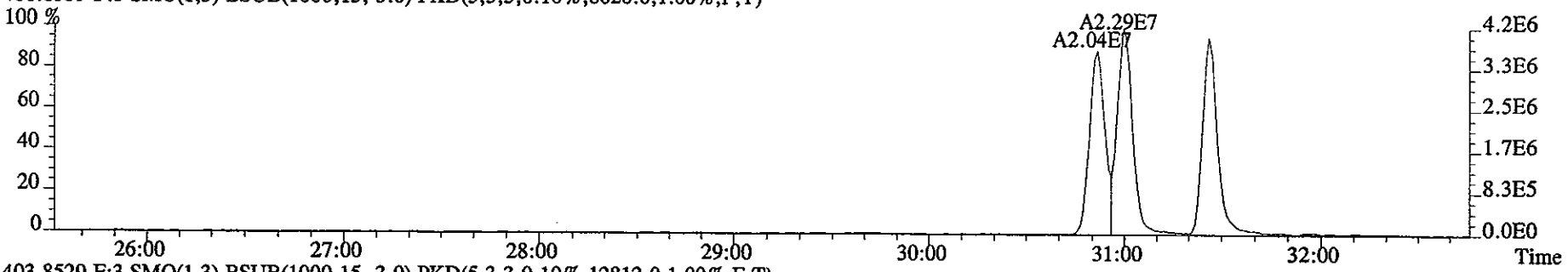
File:10JA061D5 #1-487 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
389.8157 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7224.0,1.00%,F,T)



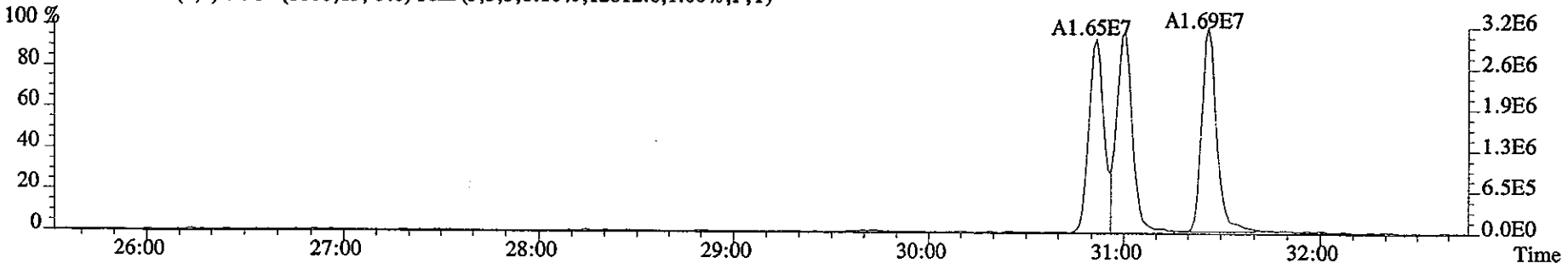
391.8127 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8548.0,1.00%,F,T)



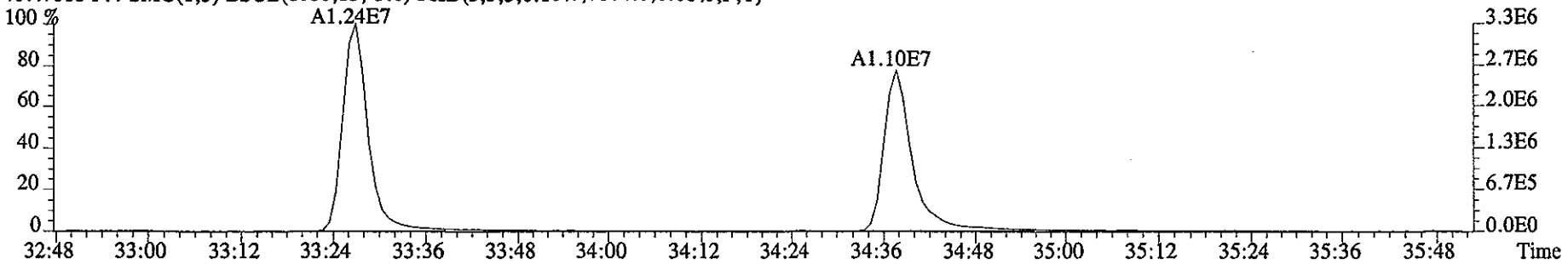
401.8559 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8020.0,1.00%,F,T)

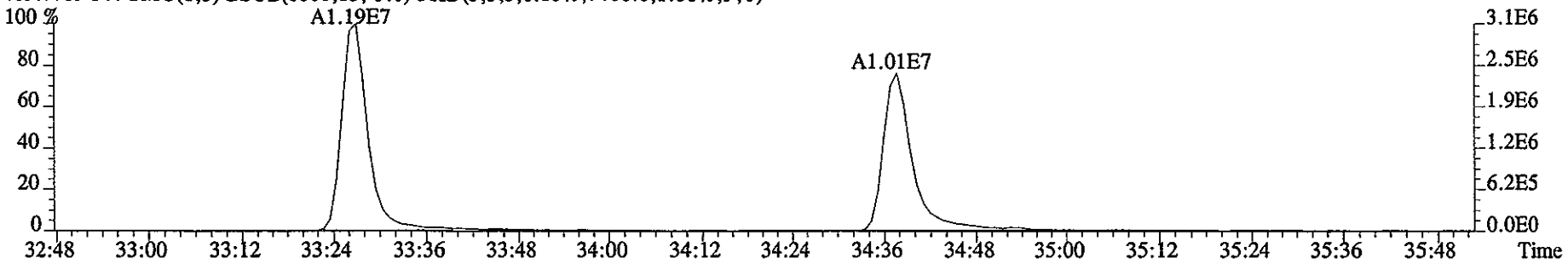


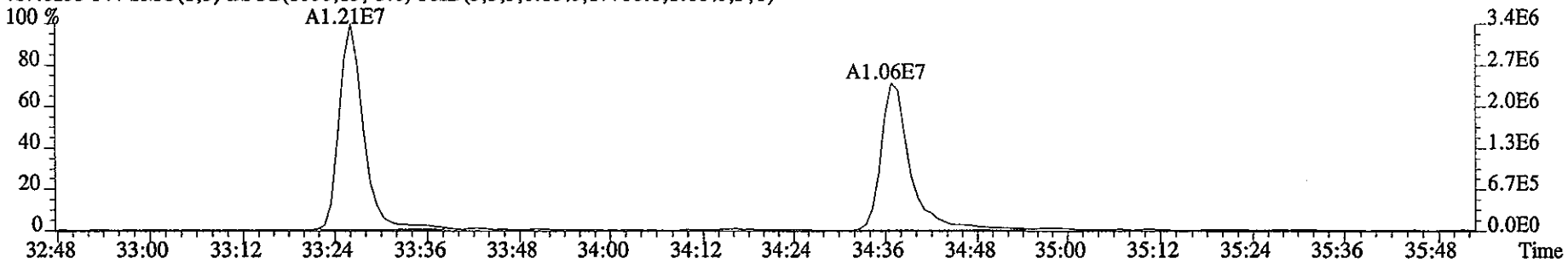
403.8529 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12812.0,1.00%,F,T)

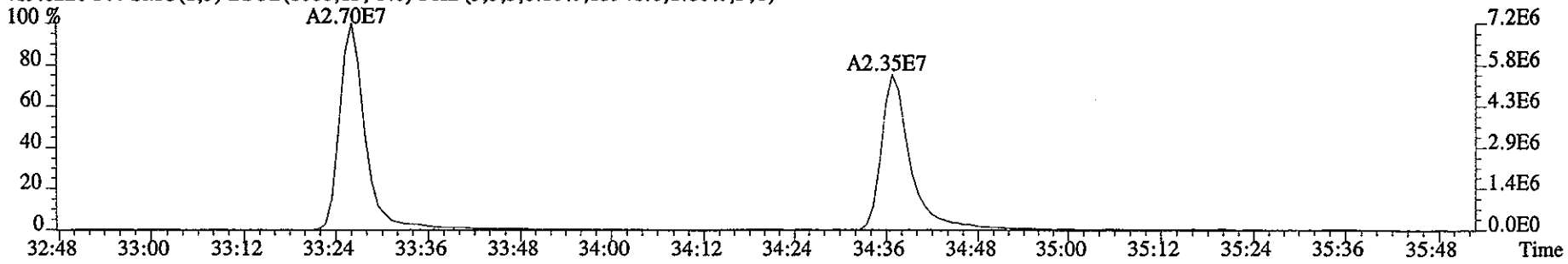


File:10JA061D5 #1-218 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN

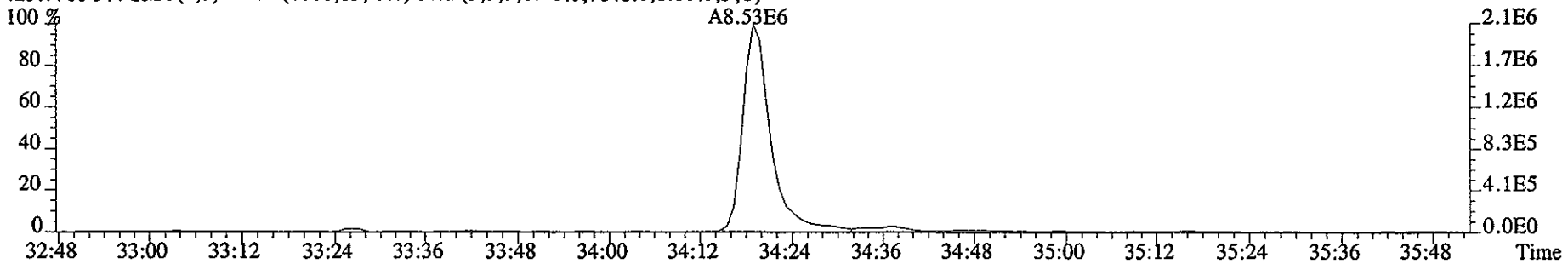


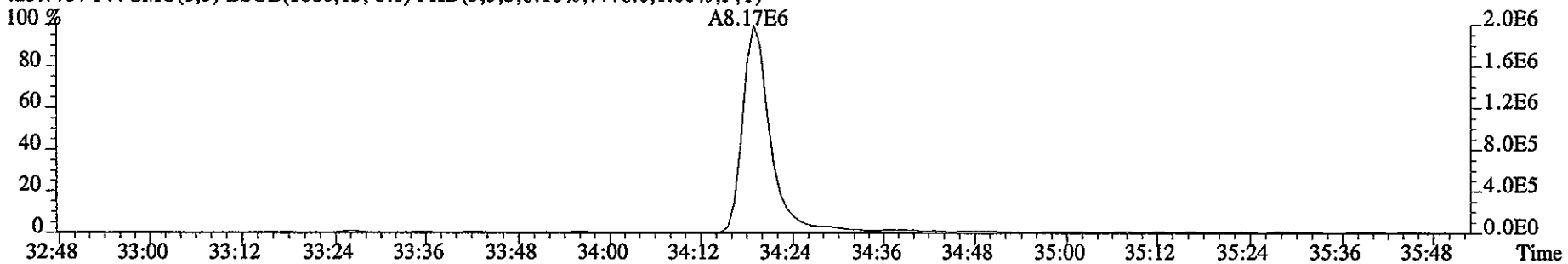


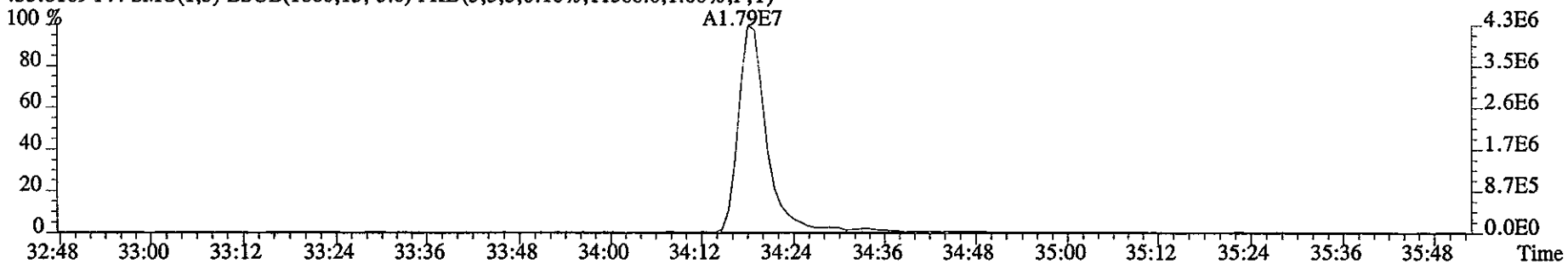


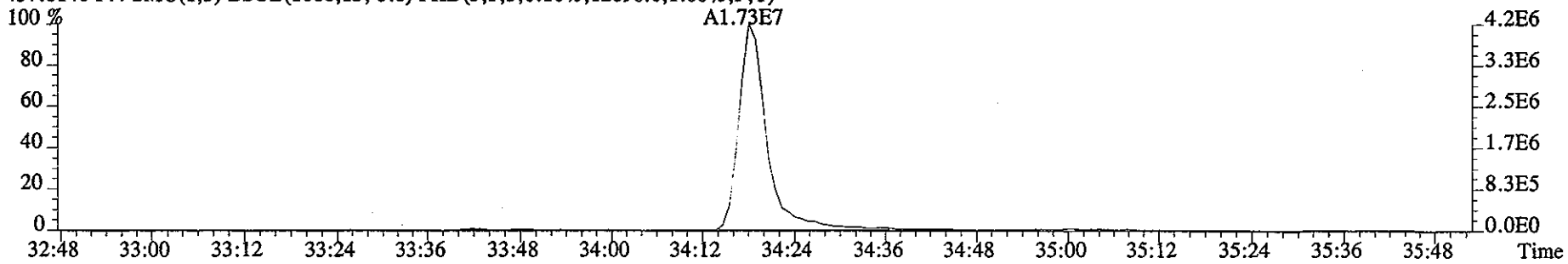


File:10JA061D5 #1-218 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN

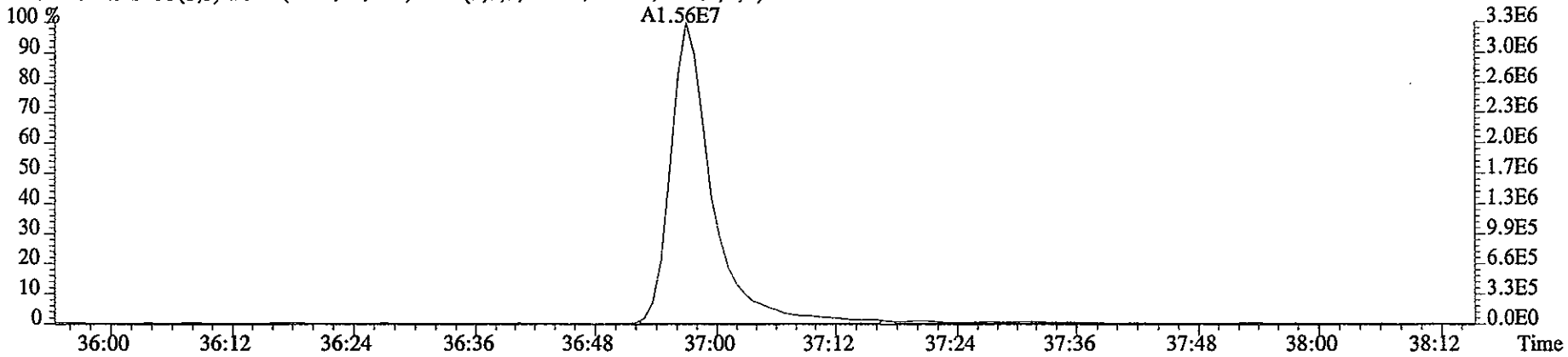




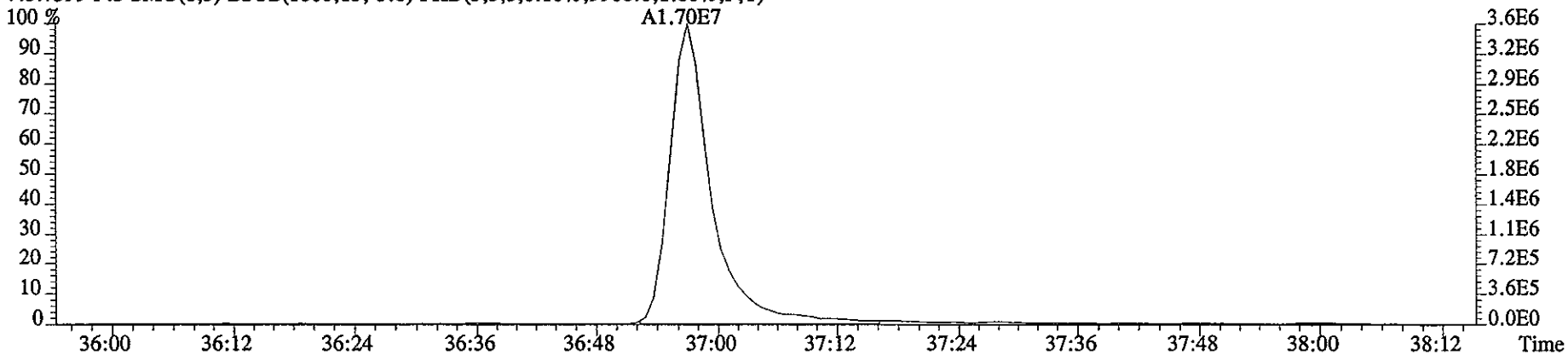




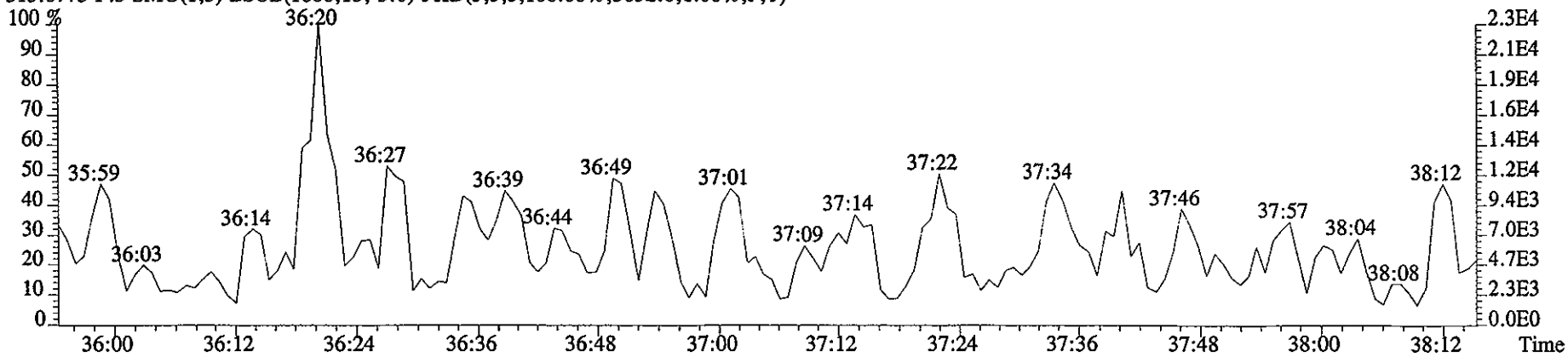
File:10JA061D5 #1-170 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
441.7428 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9304.0,1.00%,F,T)



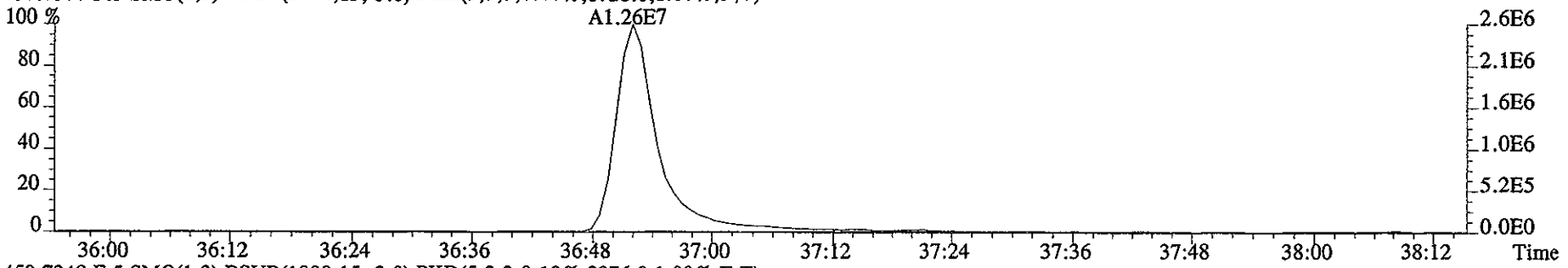
443.7399 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9900.0,1.00%,F,T)



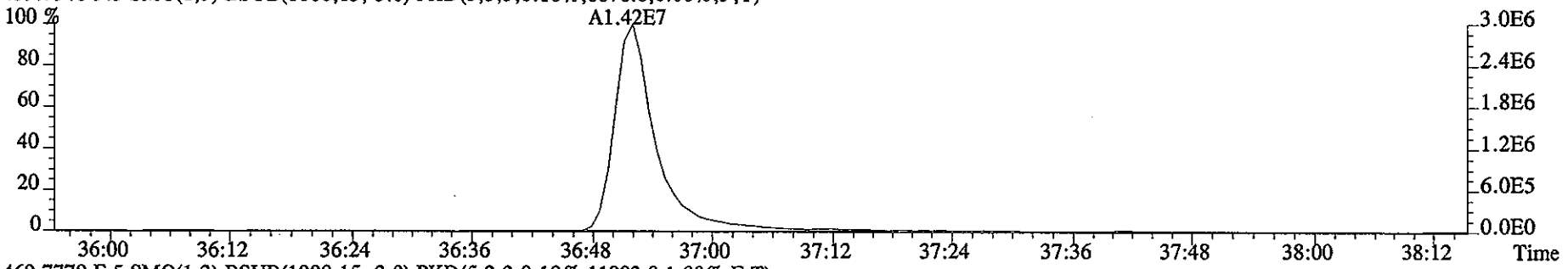
513.6775 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,5652.0,1.00%,F,T)



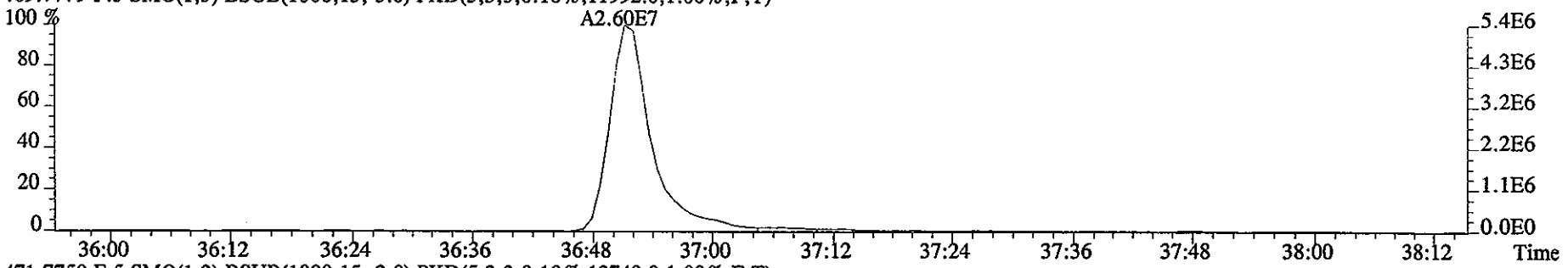
File:10JA061D5 #1-170 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
457.7377 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8728.0,1.00%,F,T)



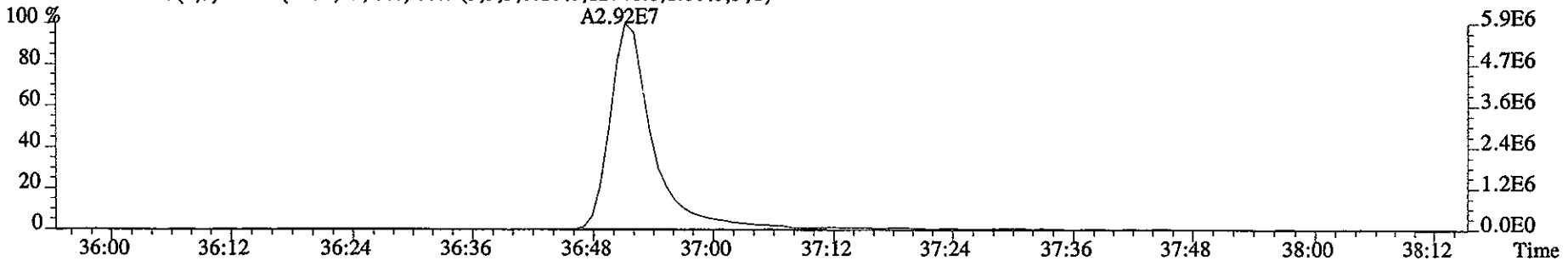
459.7348 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8876.0,1.00%,F,T)



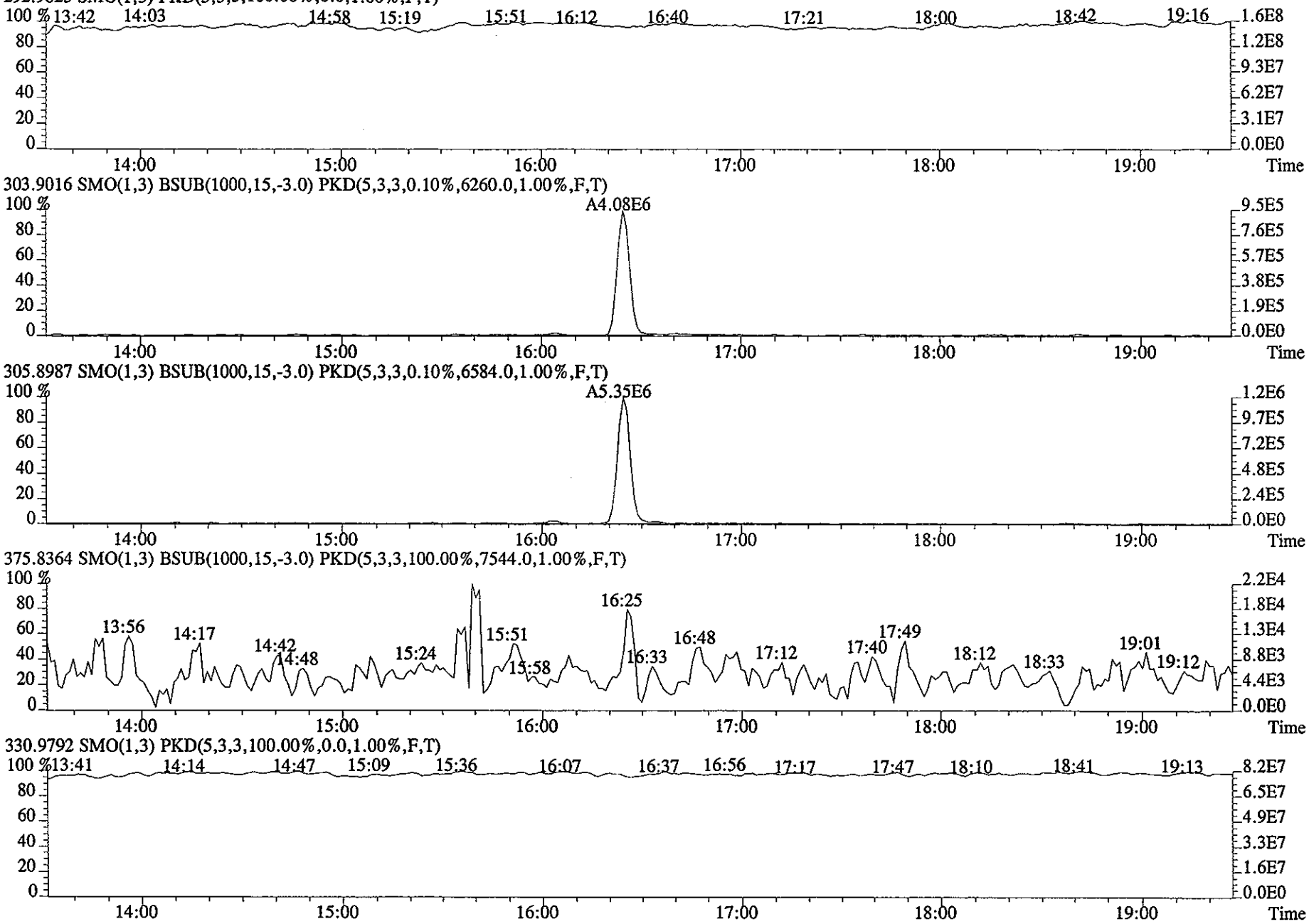
469.7779 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11992.0,1.00%,F,T)



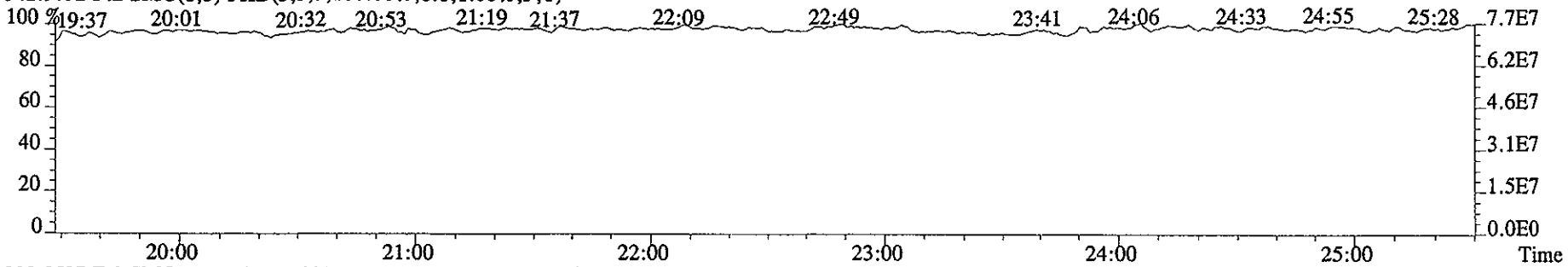
471.7750 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12748.0,1.00%,F,T)



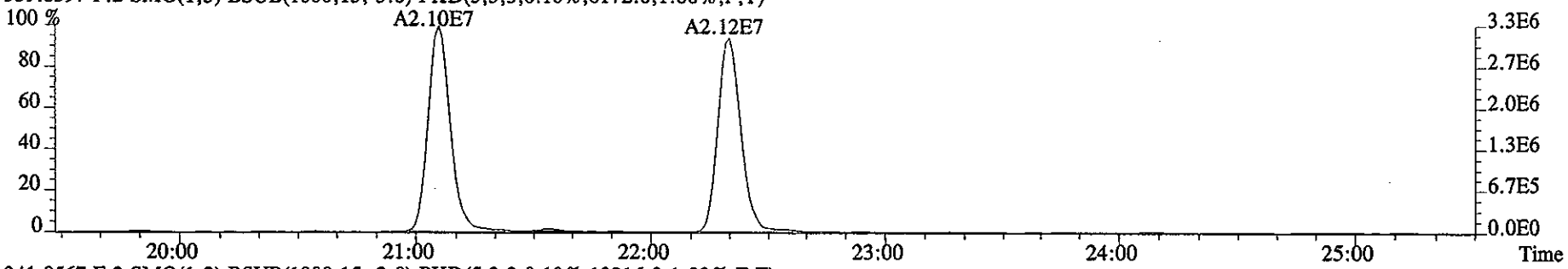
File:10JA061D5 #1-322 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN



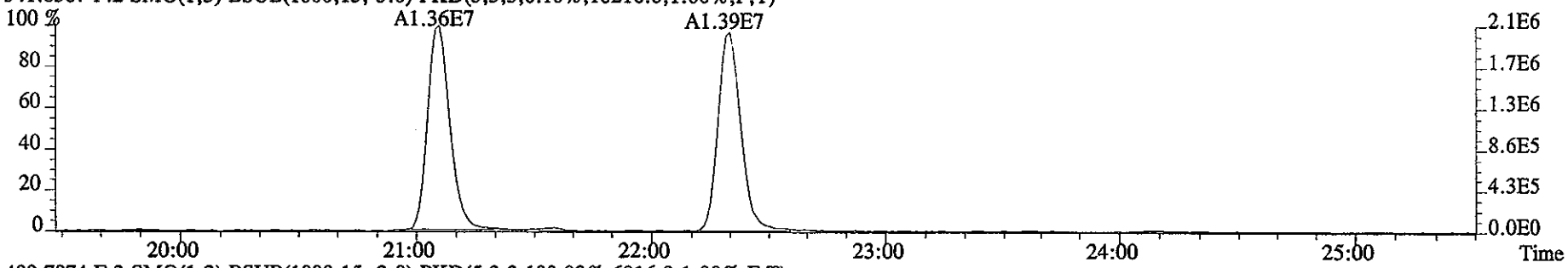
File:10JA061D5 #1-425 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
342.9792 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



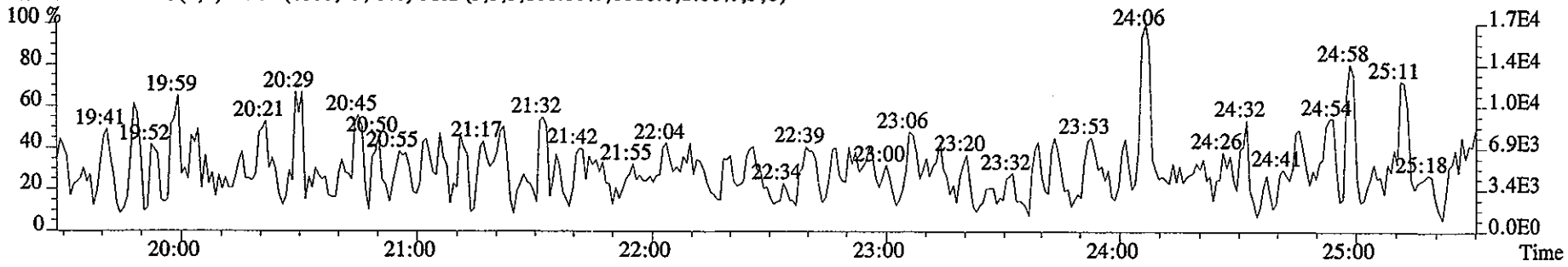
339.8597 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8172.0,1.00%,F,T)



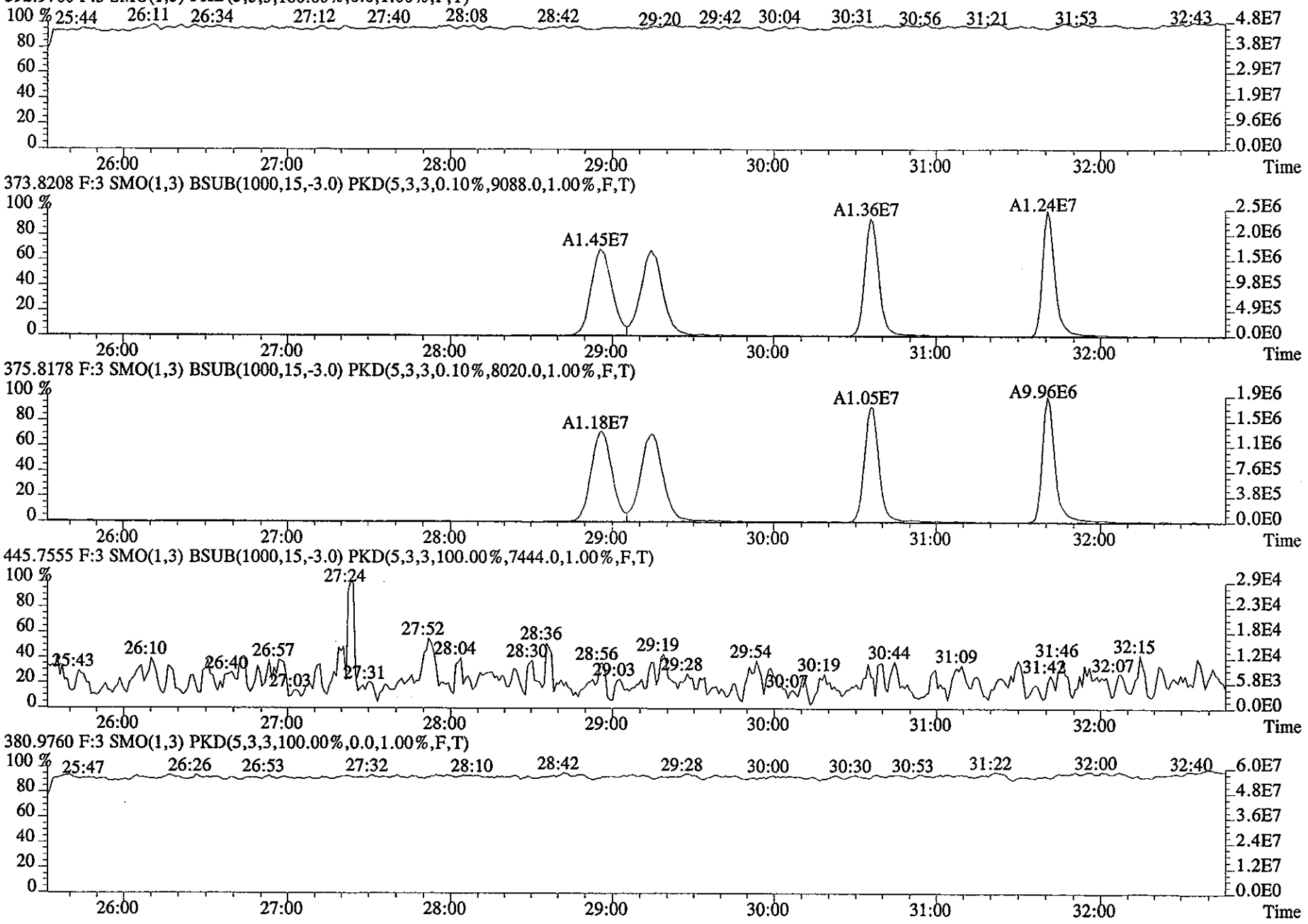
341.8567 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10216.0,1.00%,F,T)



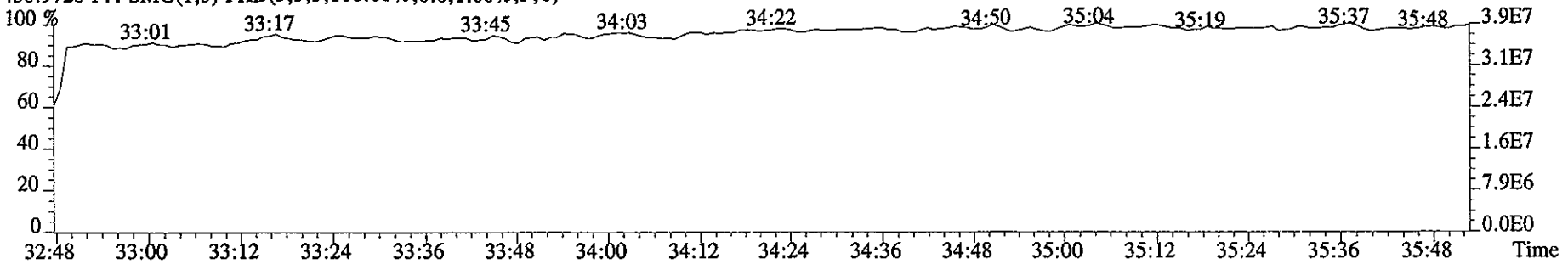
409.7974 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6016.0,1.00%,F,T)



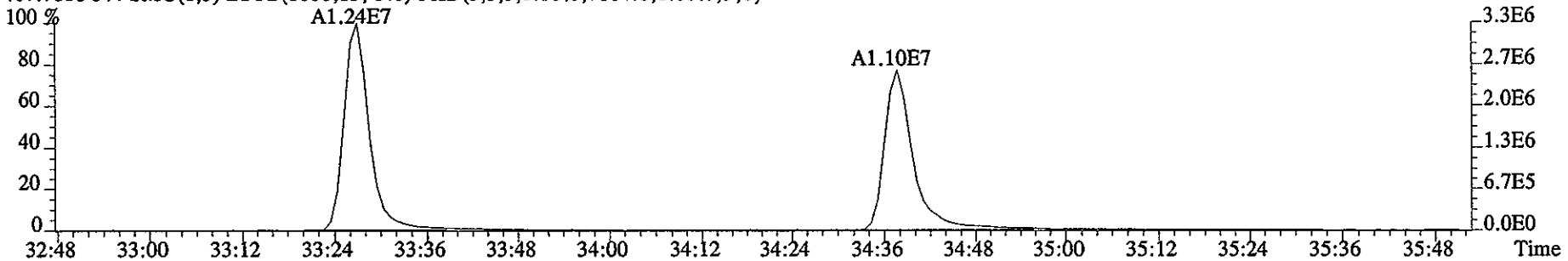
File:10JA061D5 #1-487 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN



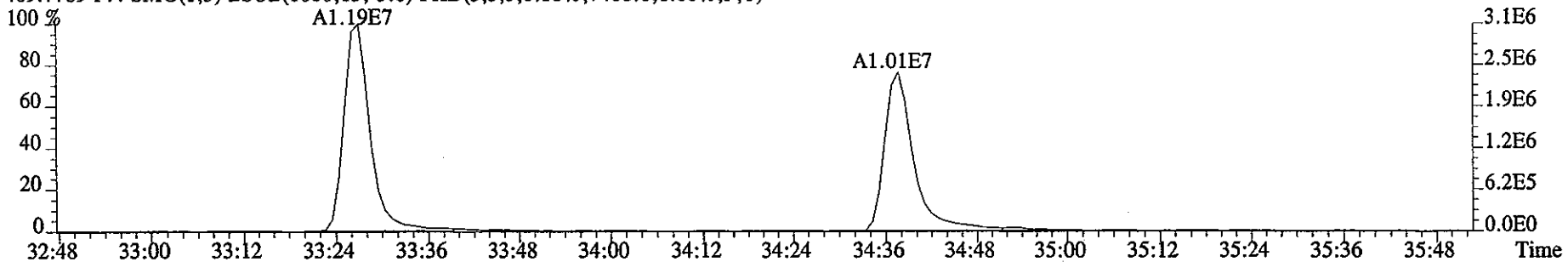
File:10JA061D5 #1-218 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
430.9728 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



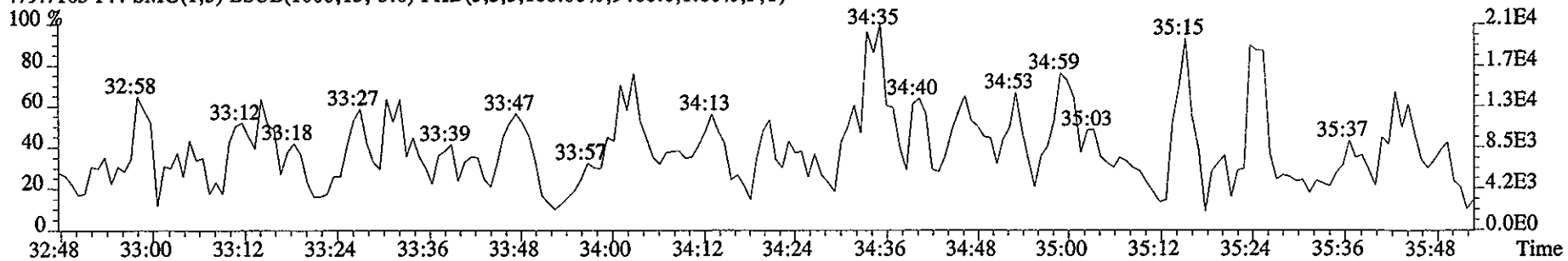
407.7818 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7804.0,1.00%,F,T)



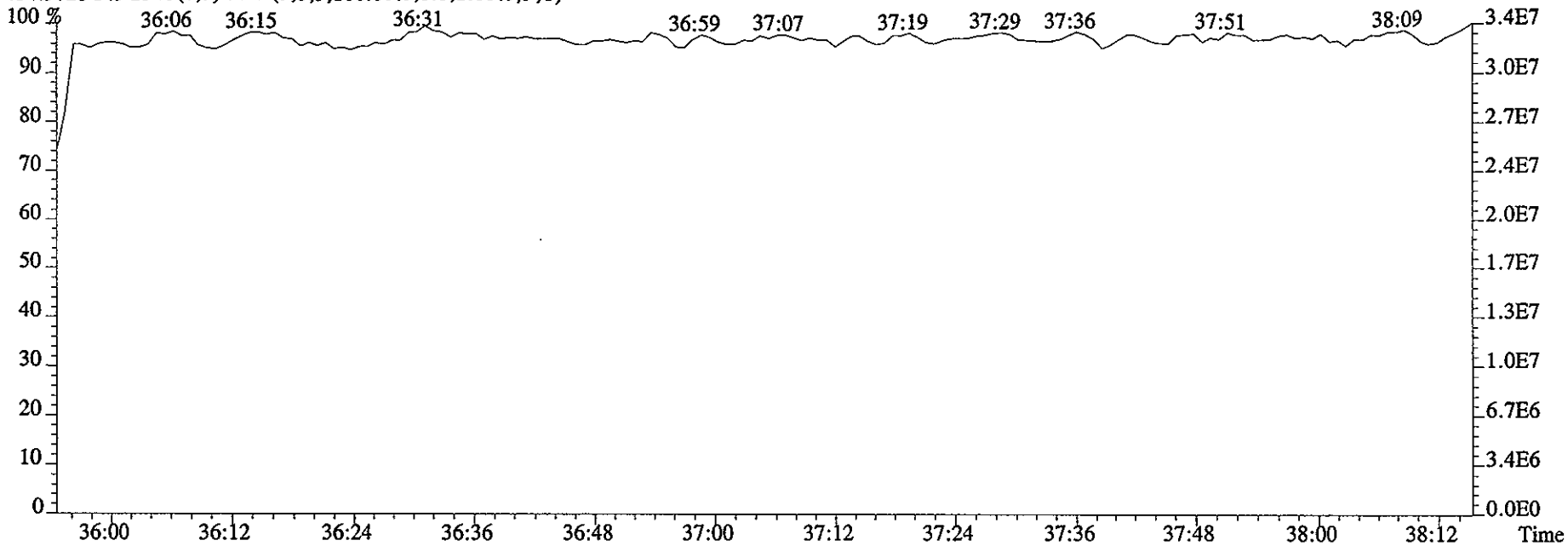
409.7789 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7400.0,1.00%,F,T)



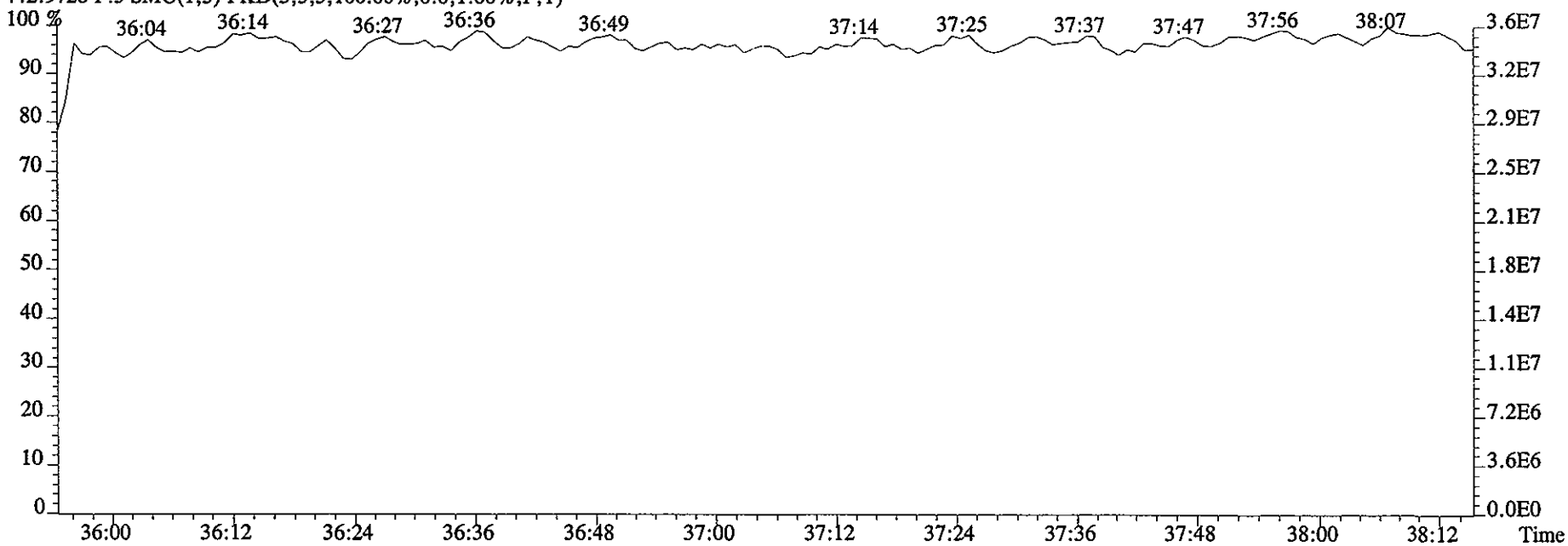
479.7165 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,9460.0,1.00%,F,T)



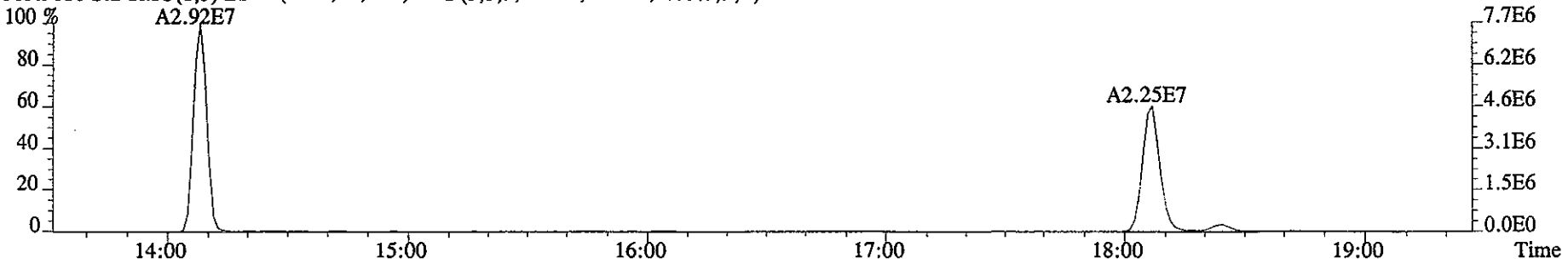
File:10JA061D5 #1-170 Acq:10-JAN-2006 09:33:16 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0110 :CS3 2565-41C Exp:DIOXIN
454.9728 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



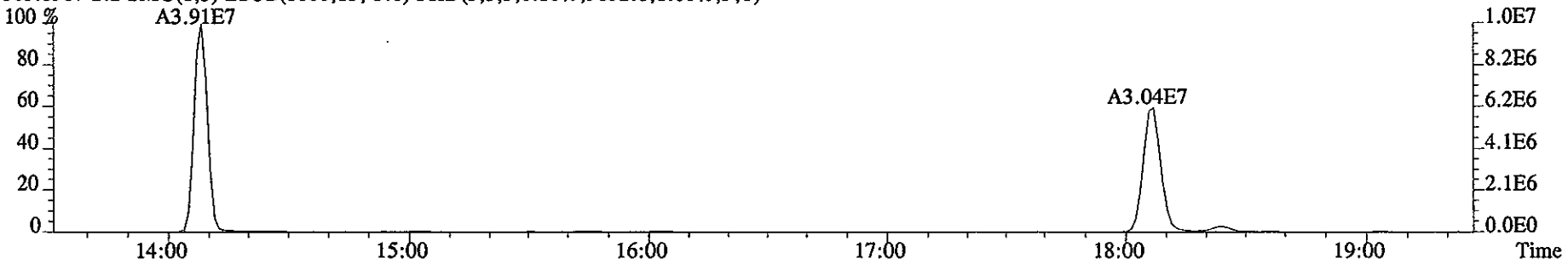
442.9728 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



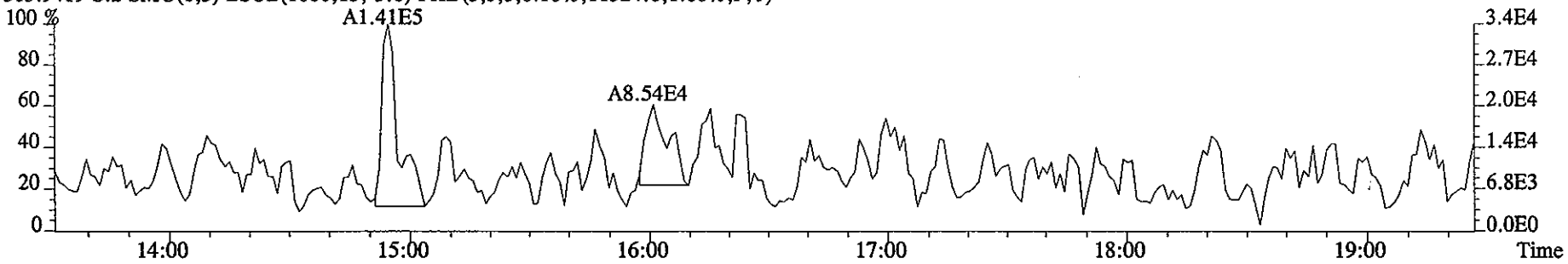
File:10JA061D5 #1-322 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
303.9016 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6748.0,1.00%,F,T)



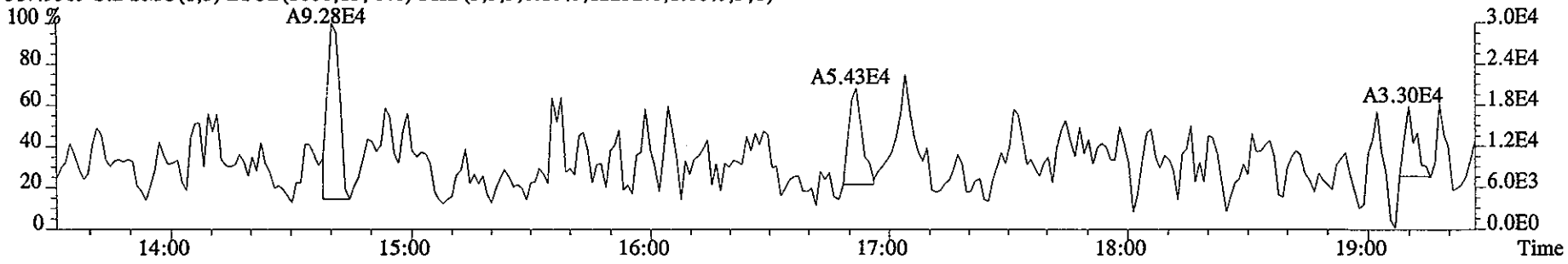
305.8987 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9632.0,1.00%,F,T)



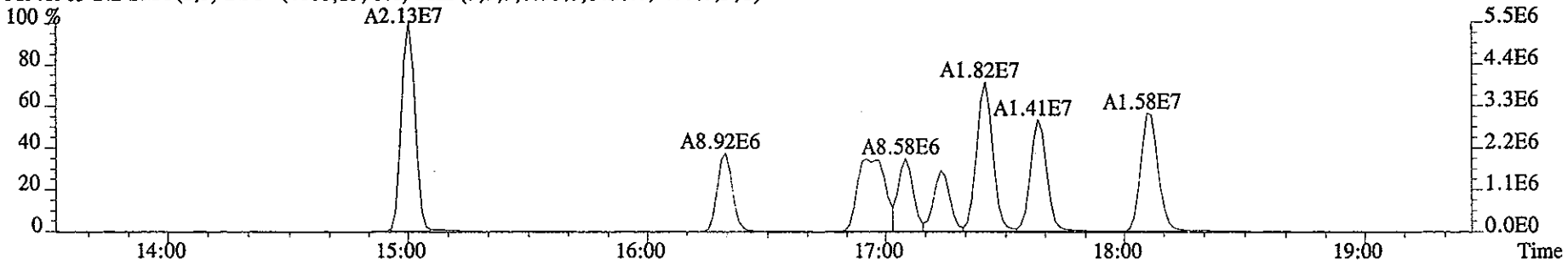
315.9419 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11524.0,1.00%,F,T)



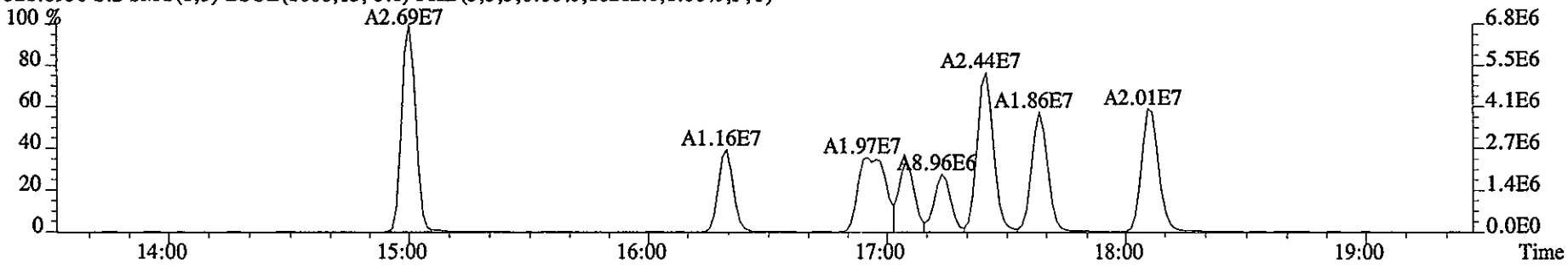
317.9389 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12232.0,1.00%,F,T)



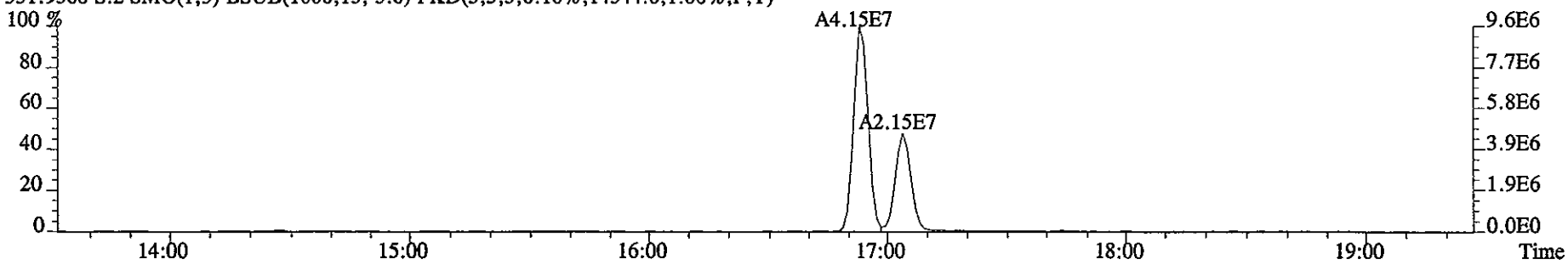
File:10JA061D5 #1-322 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
319.8965 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8428.0,1.00%,F,T)



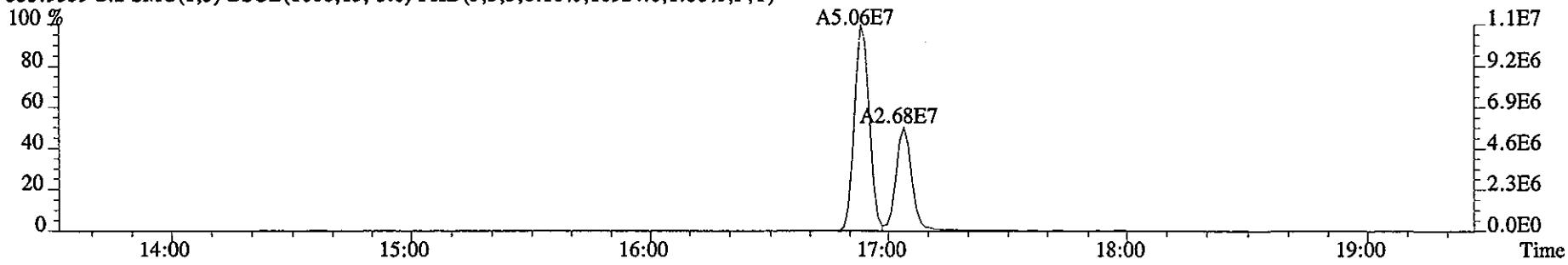
321.8936 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10212.0,1.00%,F,T)



331.9368 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14544.0,1.00%,F,T)

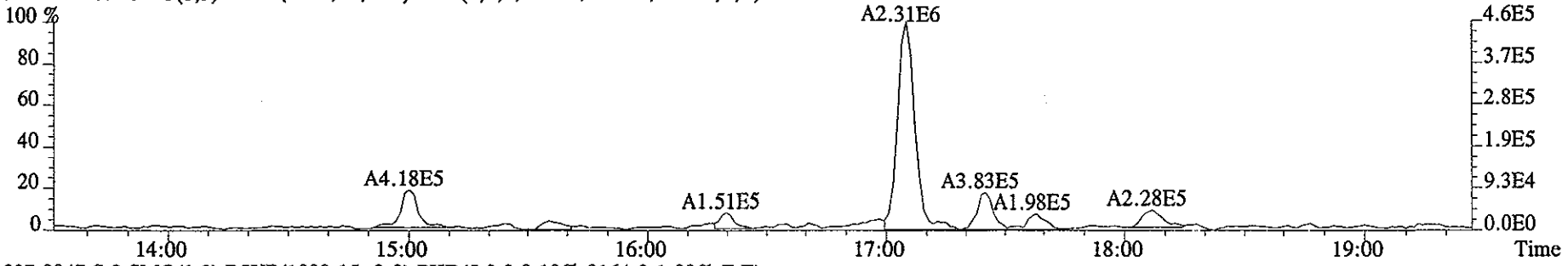


333.9339 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10924.0,1.00%,F,T)

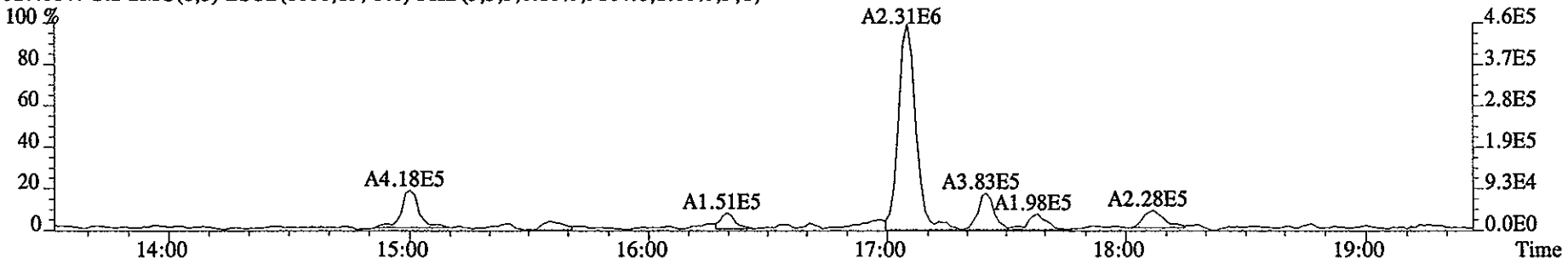


File:10JA061D5 #1-322 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

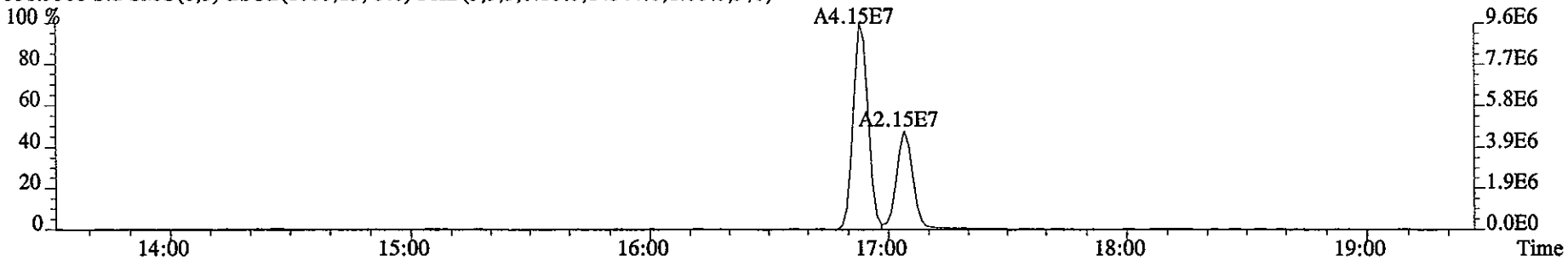
327.8847 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9164.0,1.00%,F,T)



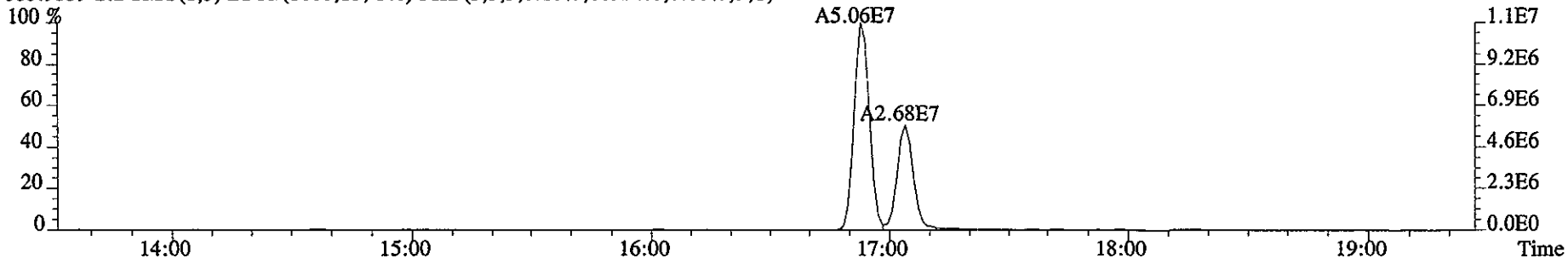
327.8847 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9164.0,1.00%,F,T)



331.9368 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14544.0,1.00%,F,T)

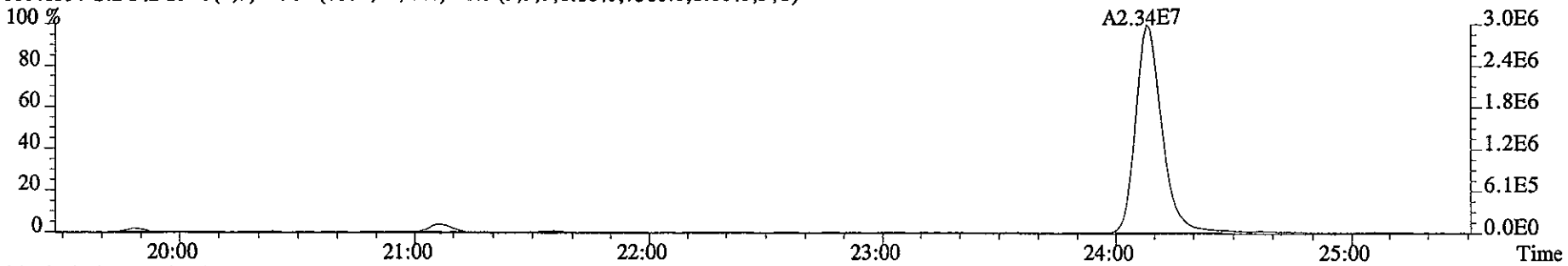


333.9339 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10924.0,1.00%,F,T)

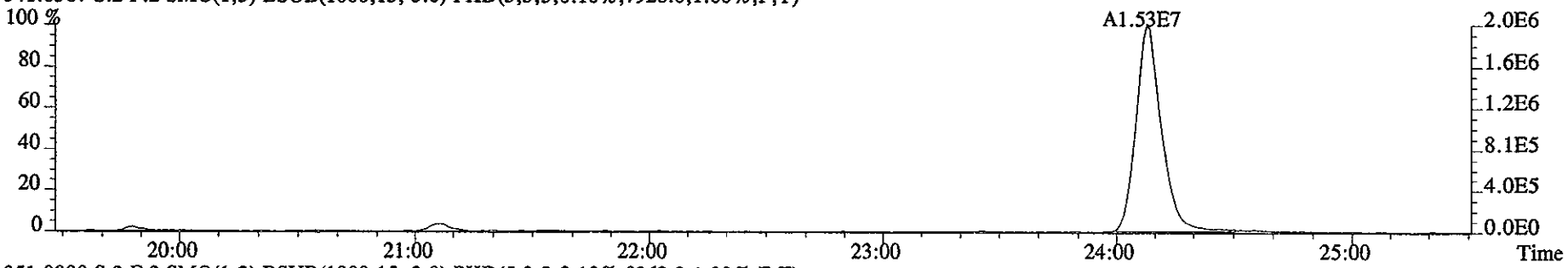


File:10JA061D5 #1-426 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

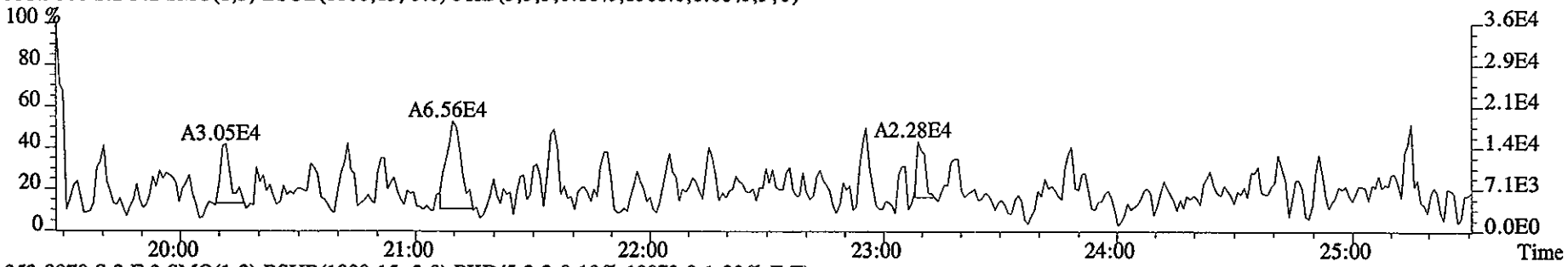
339.8597 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7360.0,1.00%,F,T)



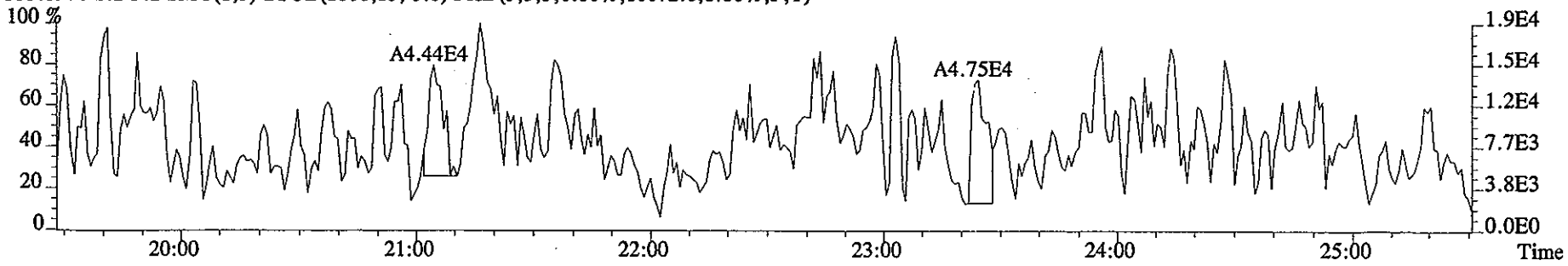
341.8567 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7928.0,1.00%,F,T)



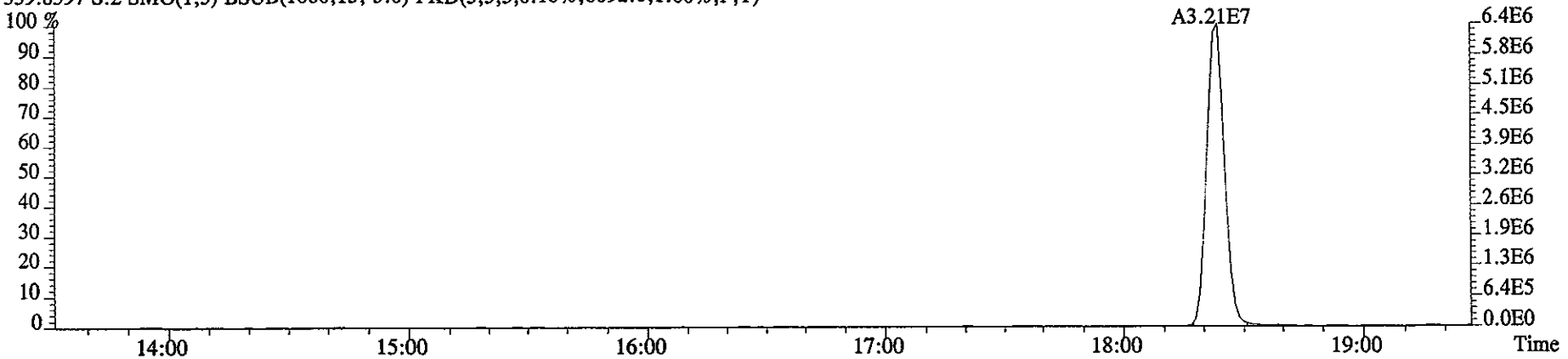
351.9000 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8368.0,1.00%,F,T)



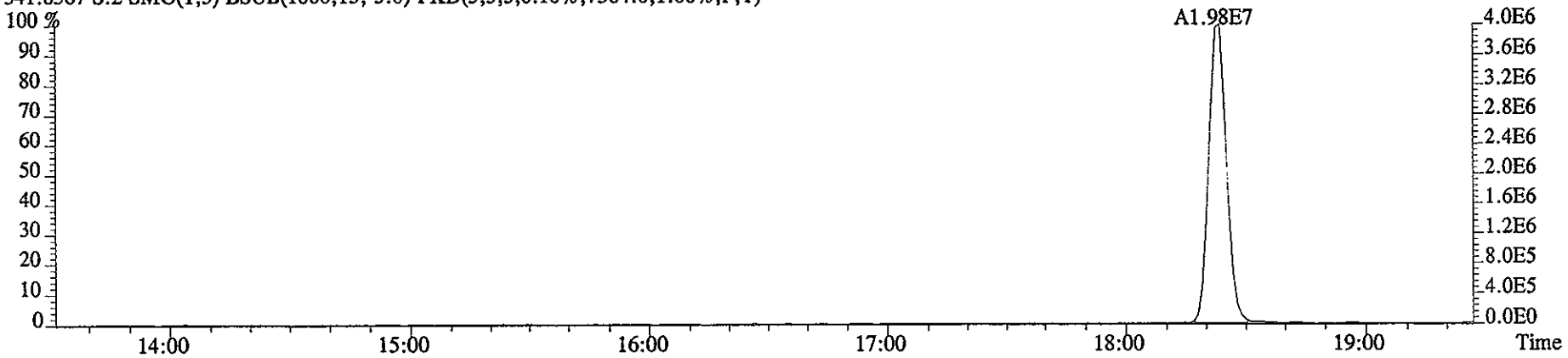
353.8970 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10072.0,1.00%,F,T)



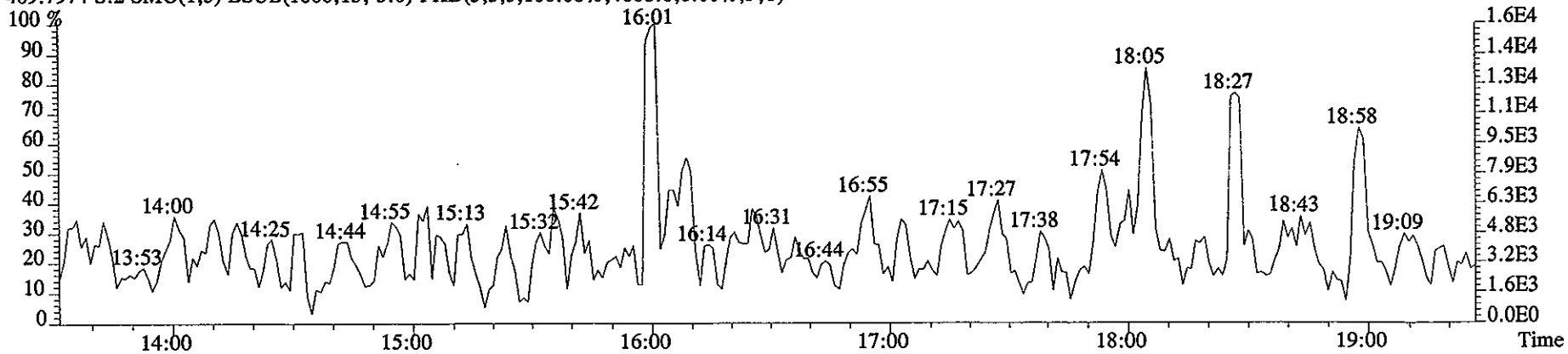
File:10JA061D5 #1-322 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
339.8597 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6092.0,1.00%,F,T)



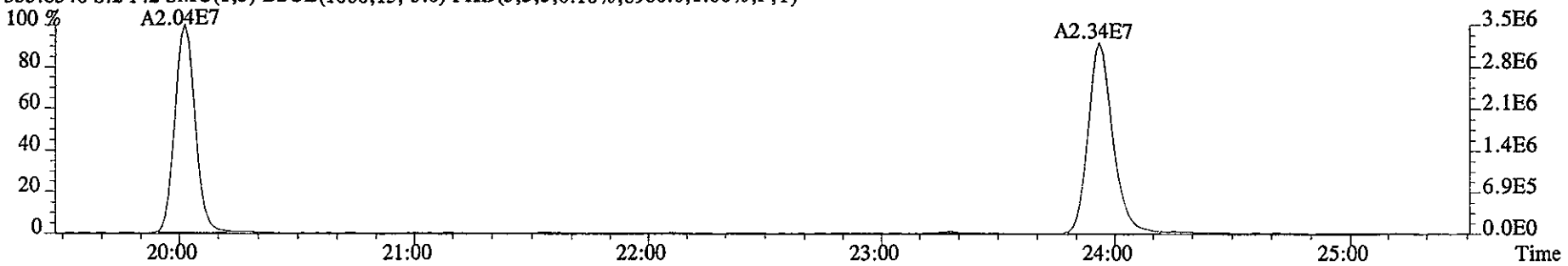
341.8567 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7384.0,1.00%,F,T)

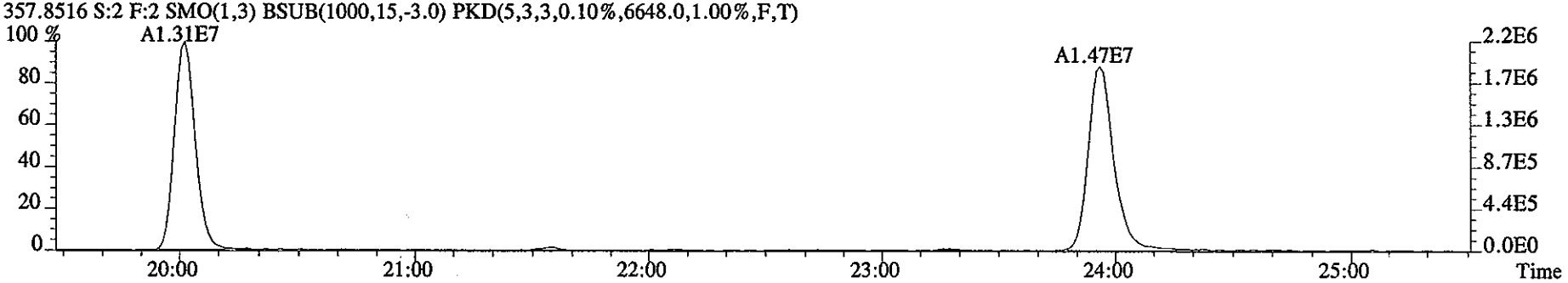


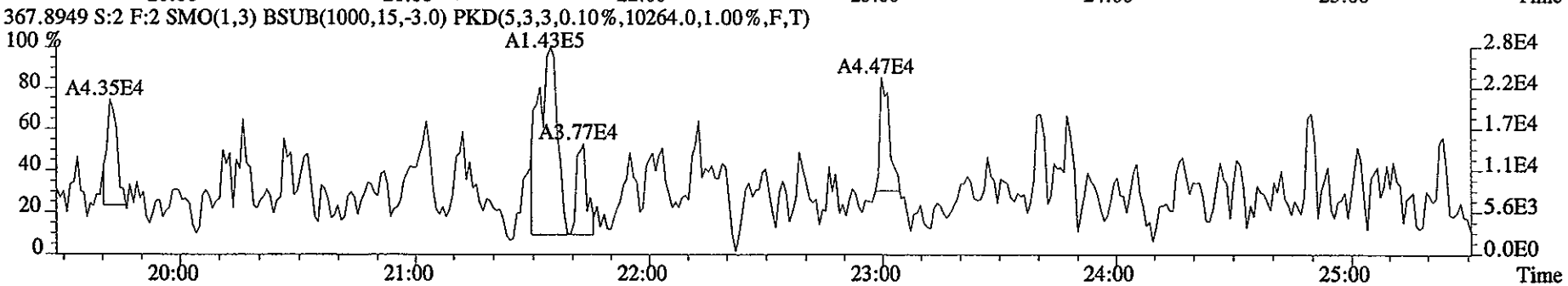
409.7974 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4668.0,1.00%,F,T)

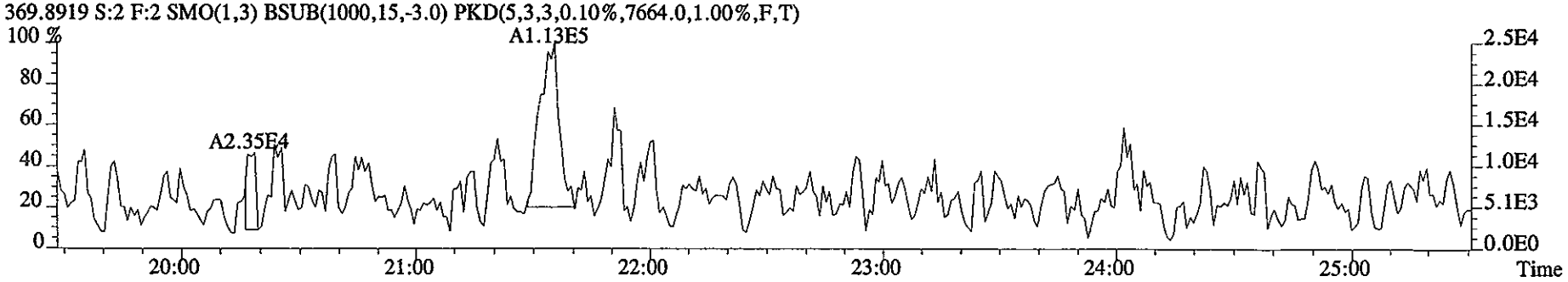


File:10JA061D5 #1-426 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN



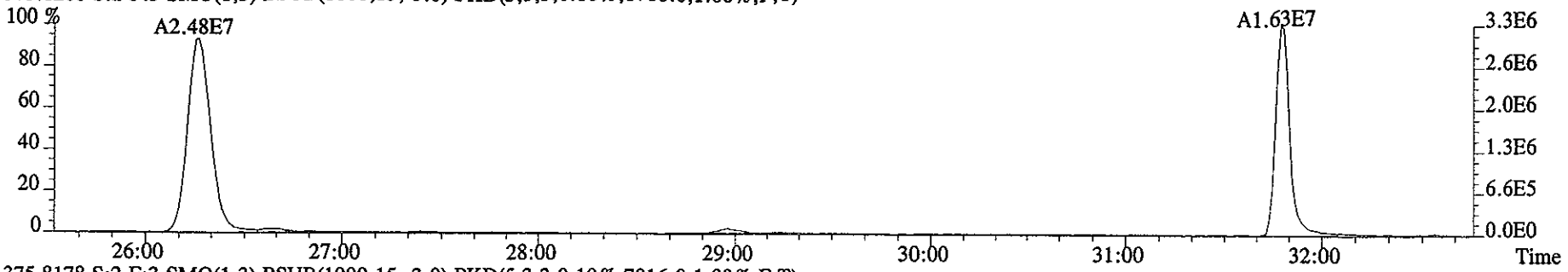




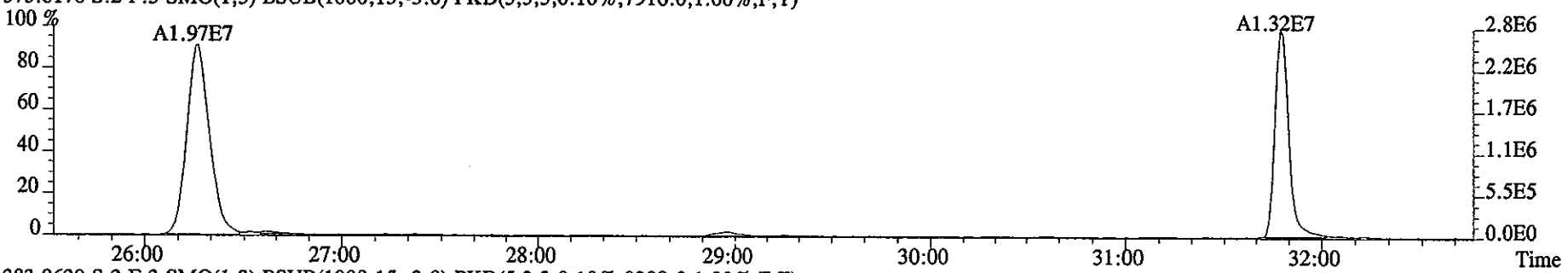


File:10JA061D5 #1-486 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

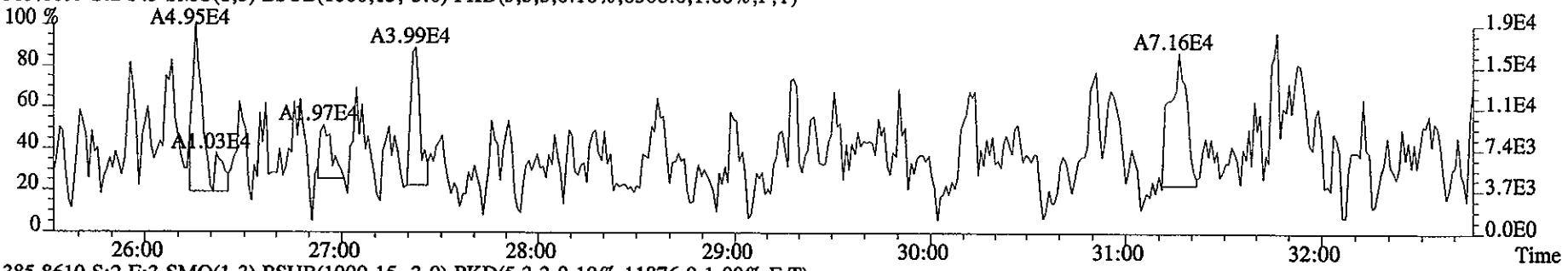
373.8208 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8780.0,1.00%,F,T)



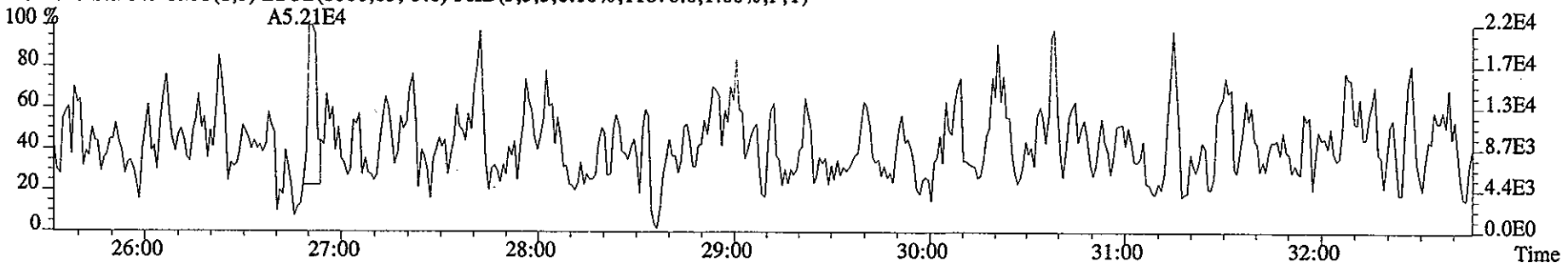
375.8178 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7916.0,1.00%,F,T)



383.8639 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8308.0,1.00%,F,T)

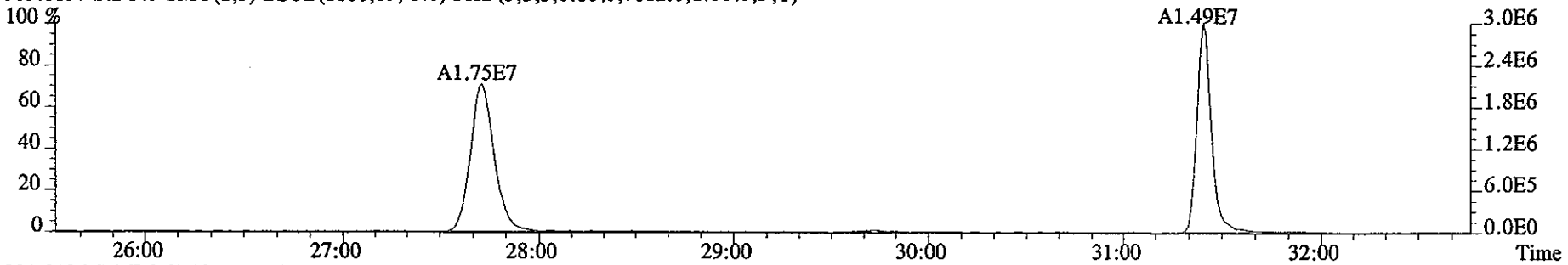


385.8610 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11876.0,1.00%,F,T)

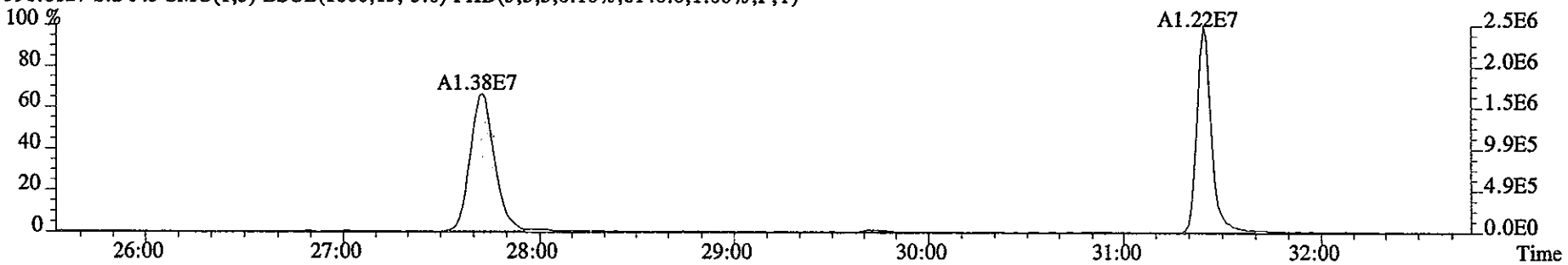


File:10JA061D5 #1-486 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

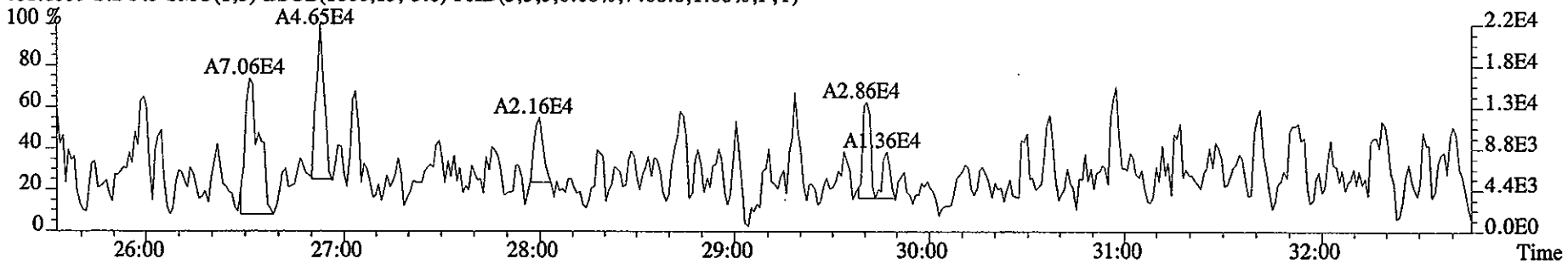
389.8157 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7812.0,1.00%,F,T)



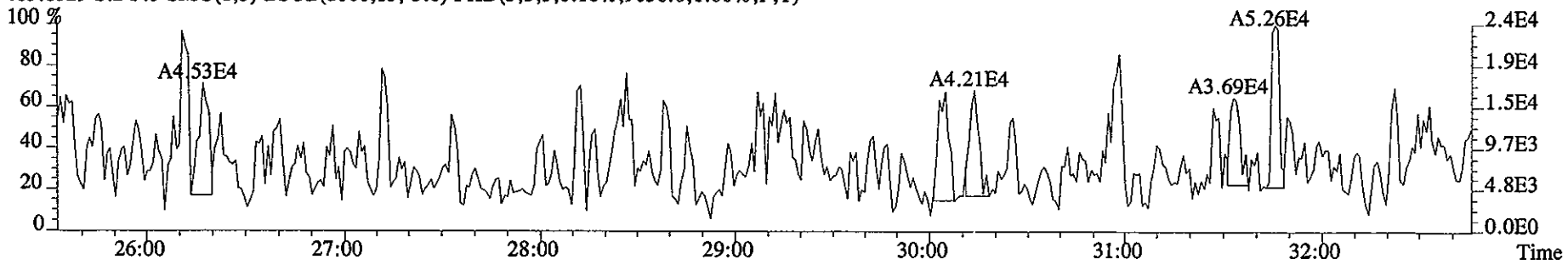
391.8127 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8140.0,1.00%,F,T)



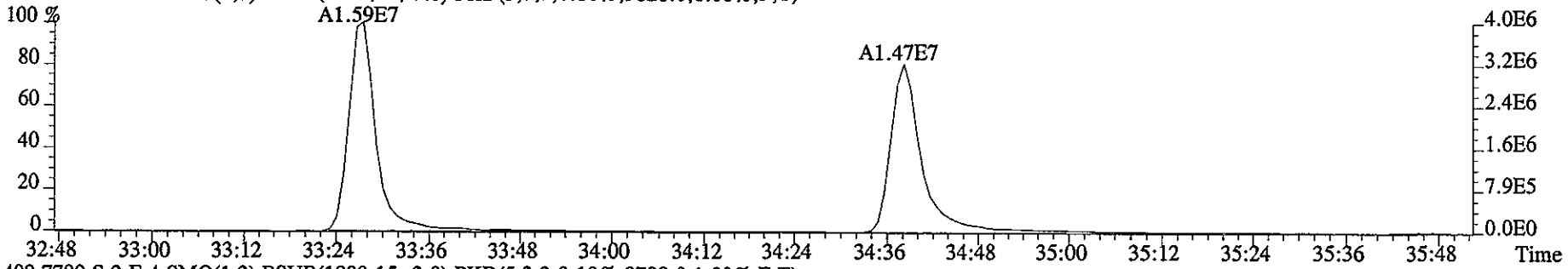
401.8559 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7408.0,1.00%,F,T)



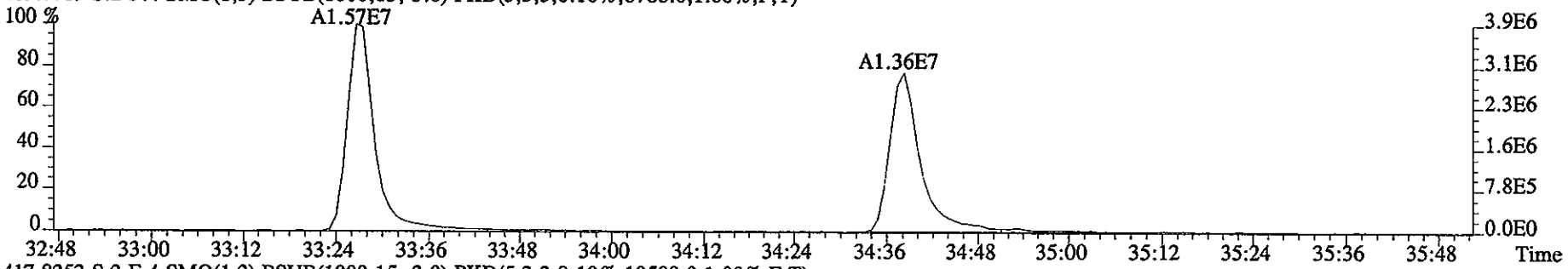
403.8529 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9036.0,1.00%,F,T)



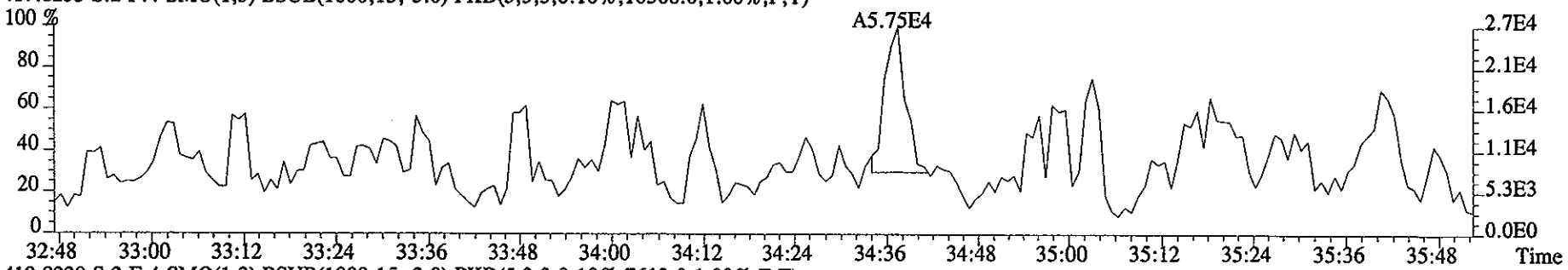
File:10JA061D5 #1-218 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
407.7818 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9828.0,1.00%,F,T)



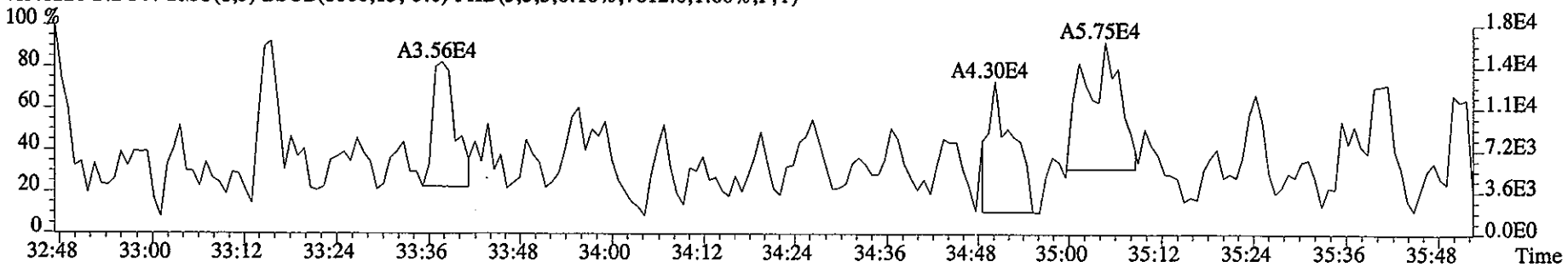
409.7789 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8788.0,1.00%,F,T)



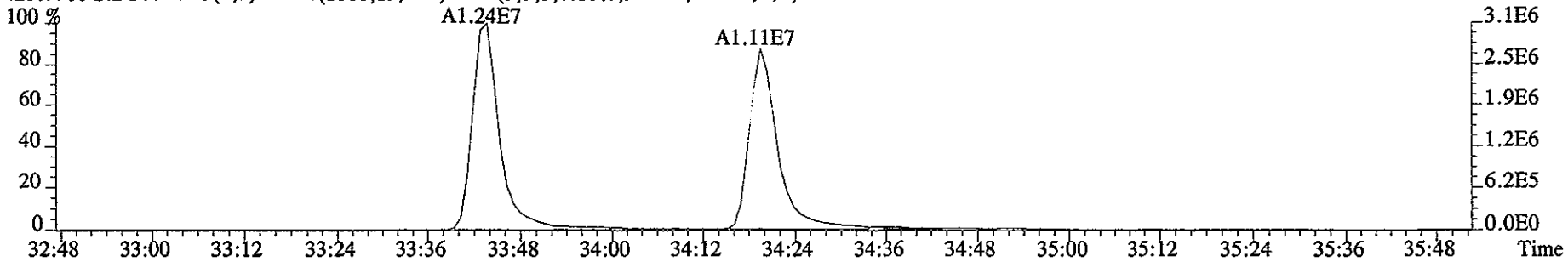
417.8253 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10508.0,1.00%,F,T)



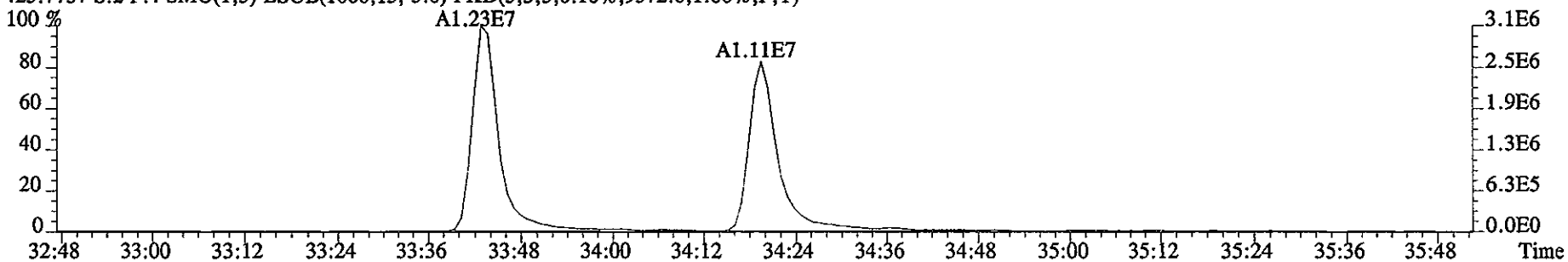
419.8220 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7612.0,1.00%,F,T)



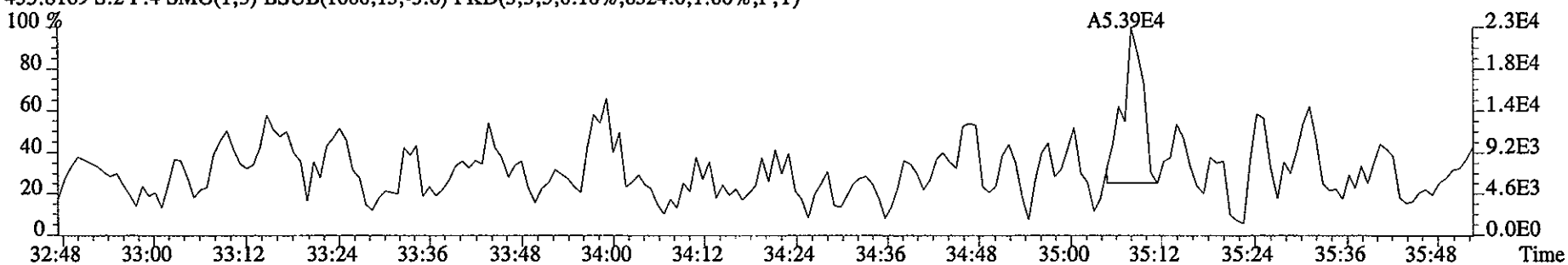
File:10JA061D5 #1-218 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
423.7766 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9160.0,1.00%,F,T)



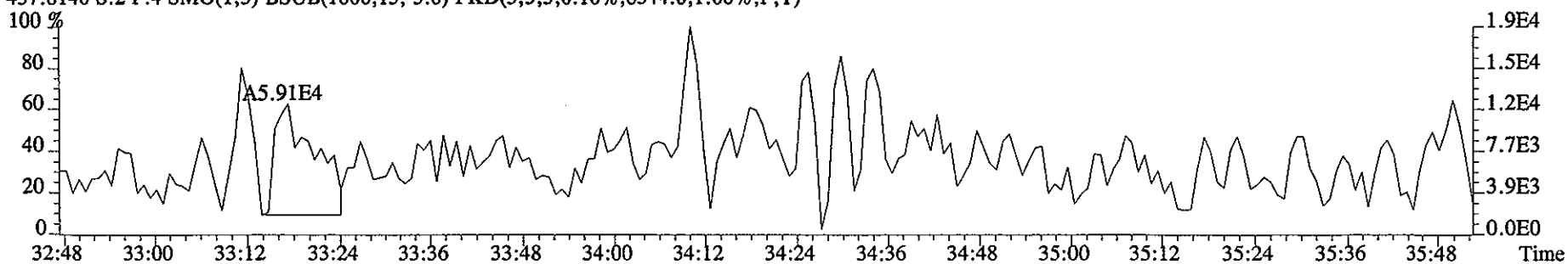
425.7737 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9372.0,1.00%,F,T)



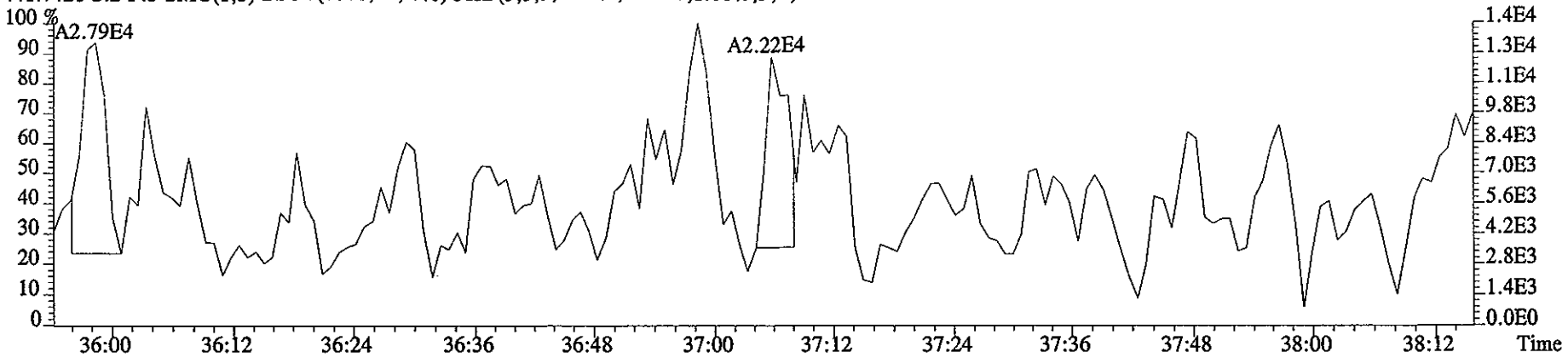
435.8169 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8524.0,1.00%,F,T)



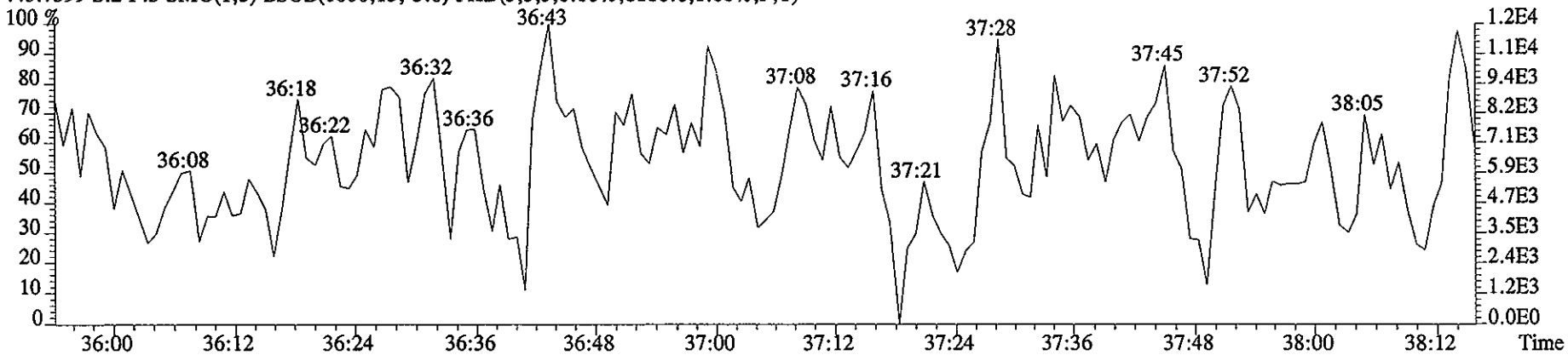
437.8140 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8544.0,1.00%,F,T)



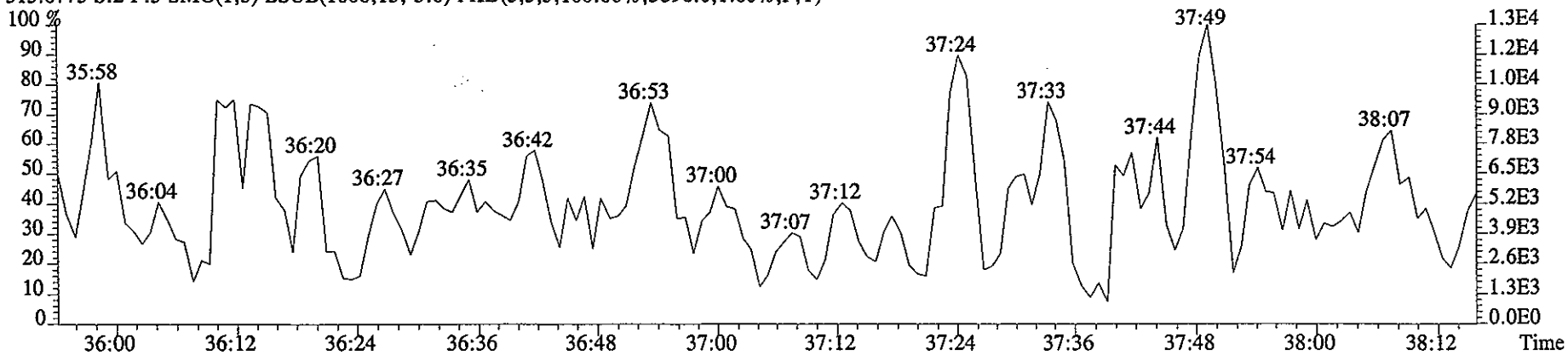
File:10JA061D5 #1-171 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
441.7428 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6728.0,1.00%,F,T)



443.7399 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8180.0,1.00%,F,T)

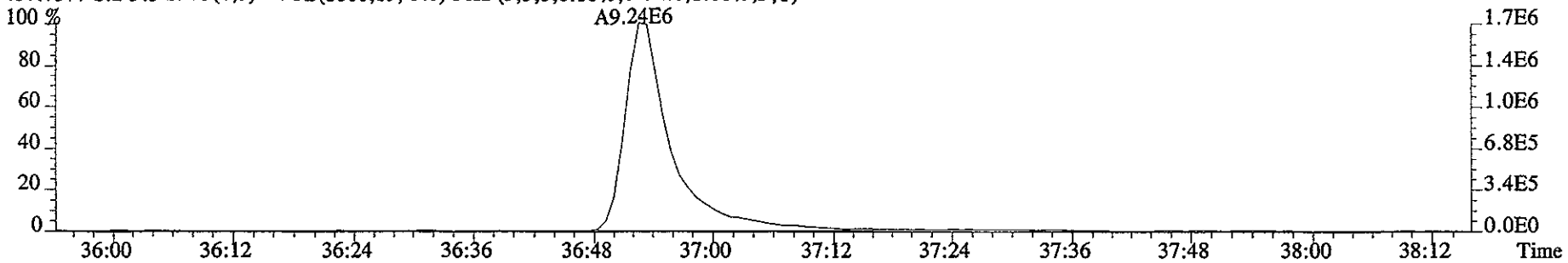


513.6775 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,5896.0,1.00%,F,T)

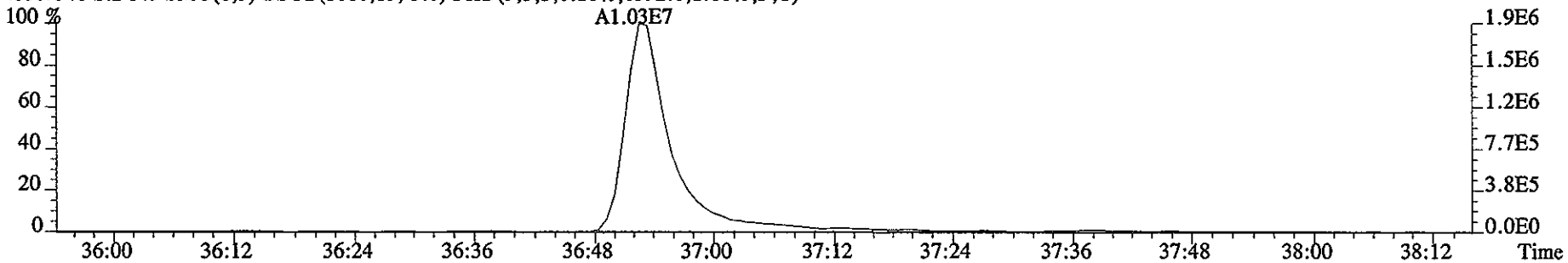


File:10JA061D5 #1-171 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

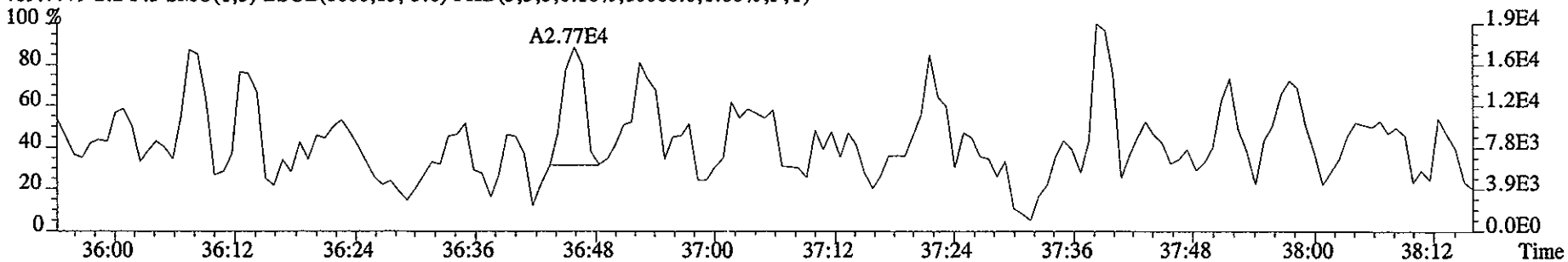
457.7377 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6792.0,1.00%,F,T)



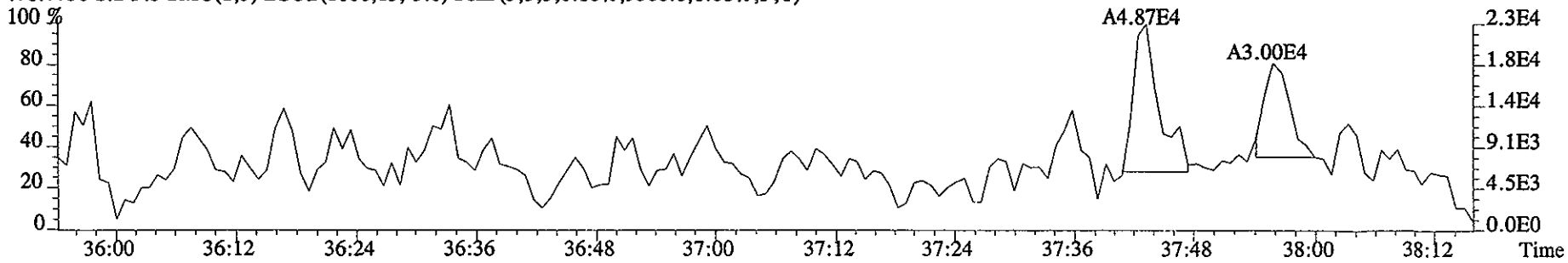
459.7348 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6592.0,1.00%,F,T)



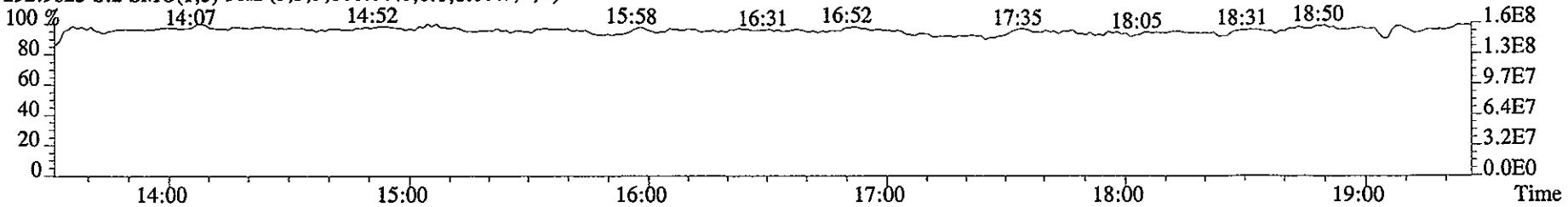
469.7779 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10068.0,1.00%,F,T)

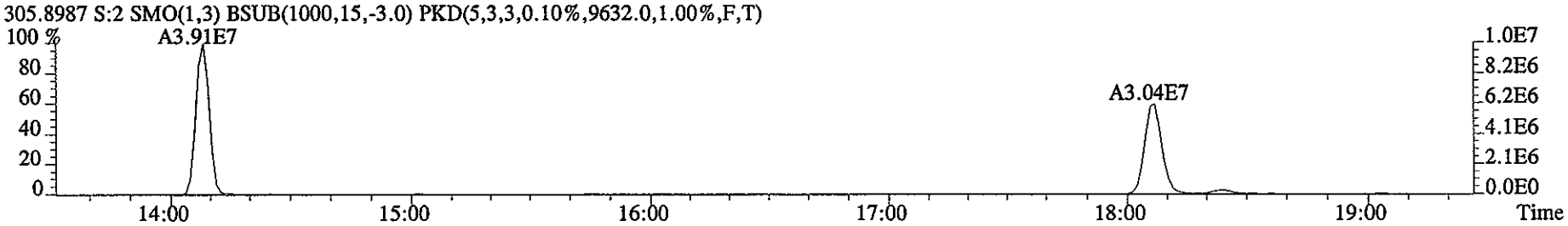


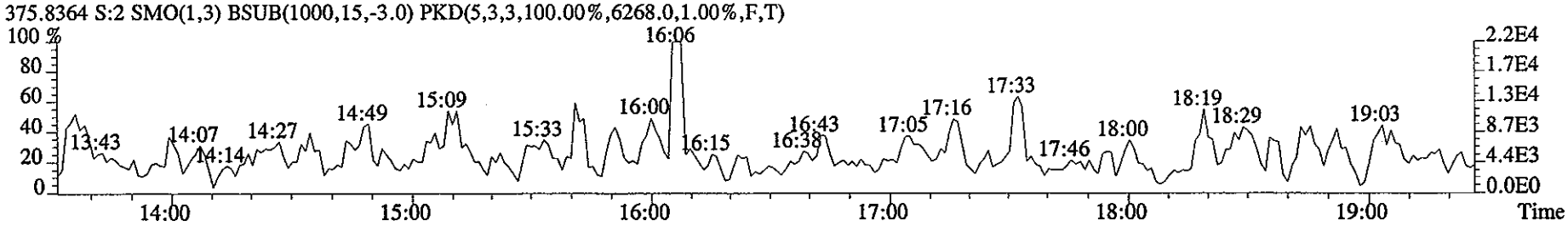
471.7750 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9316.0,1.00%,F,T)

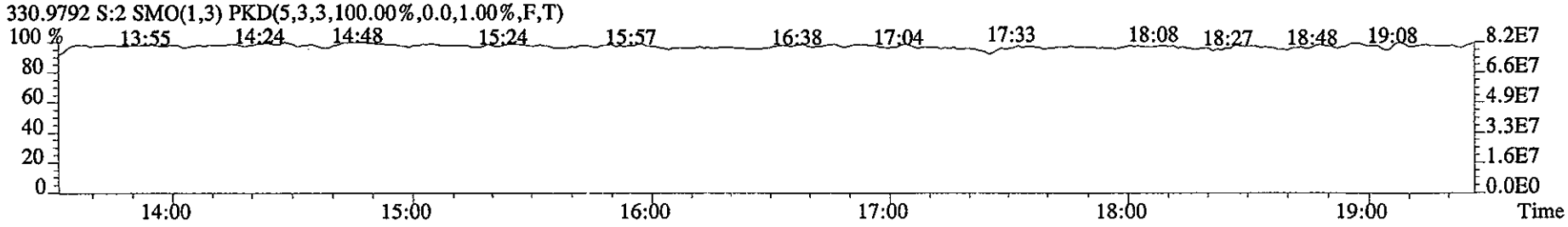


File:10JA061D5 #1-322 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

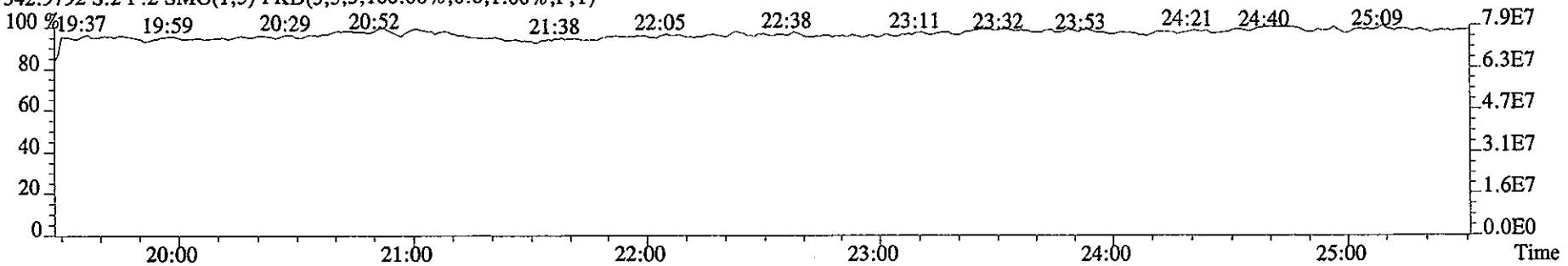




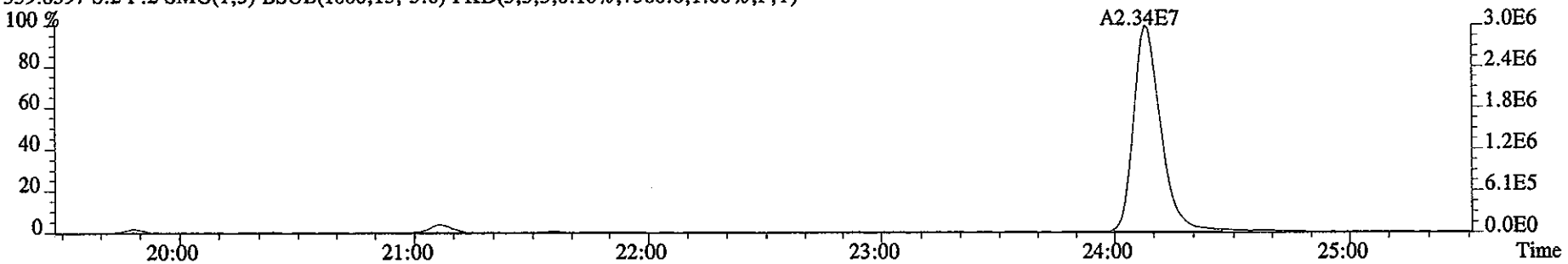




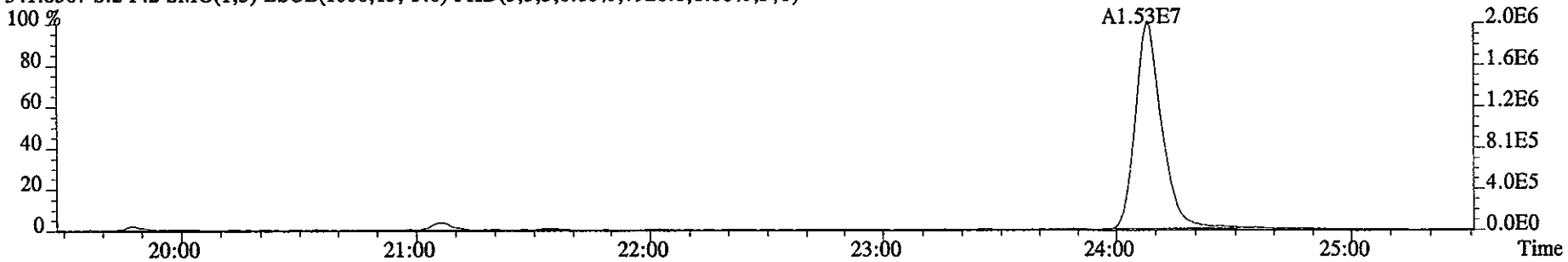
File:10JA061D5 #1-426 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
342.9792 S:2 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



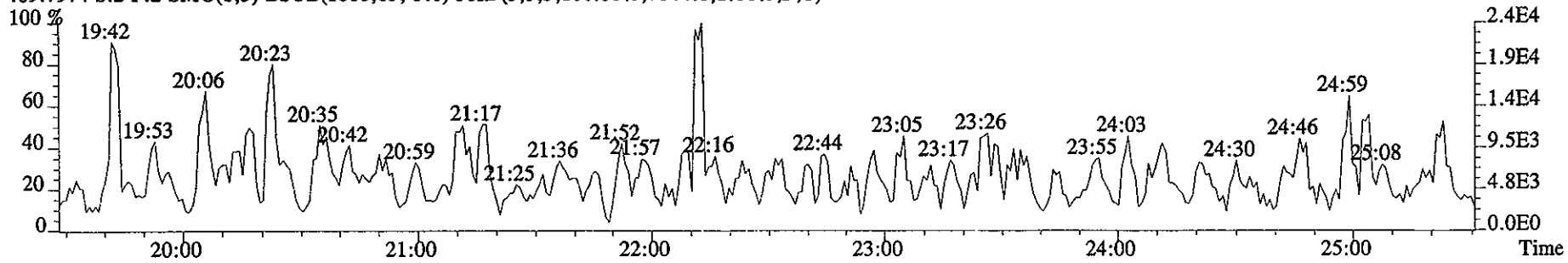
339.8597 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7360.0,1.00%,F,T)



341.8567 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7928.0,1.00%,F,T)

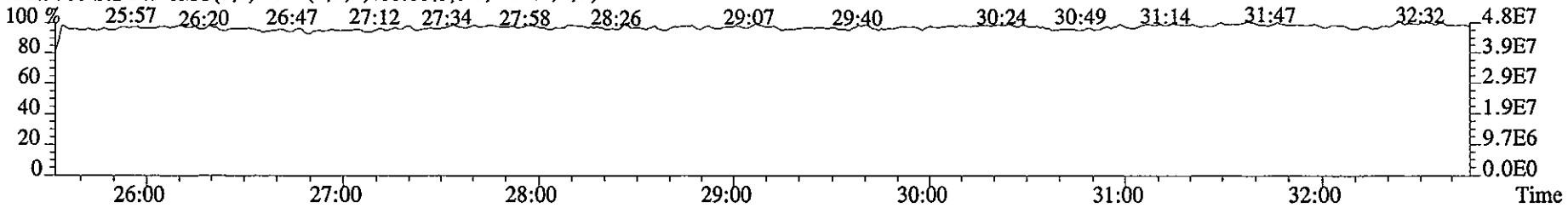


409.7974 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7044.0,1.00%,F,T)

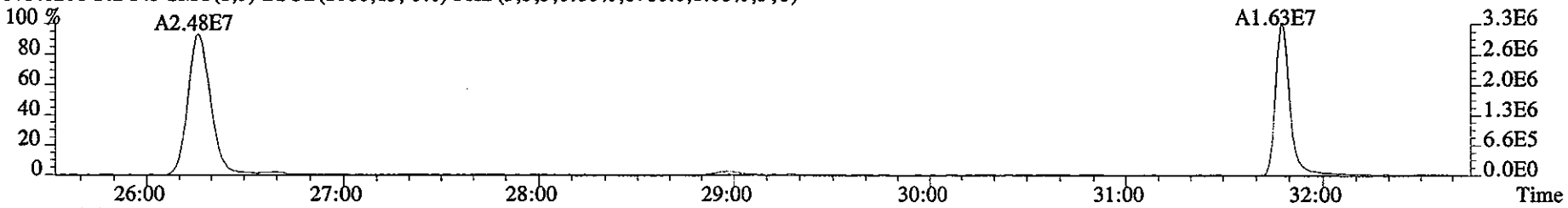


File:10JA061D5 #1-486 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN

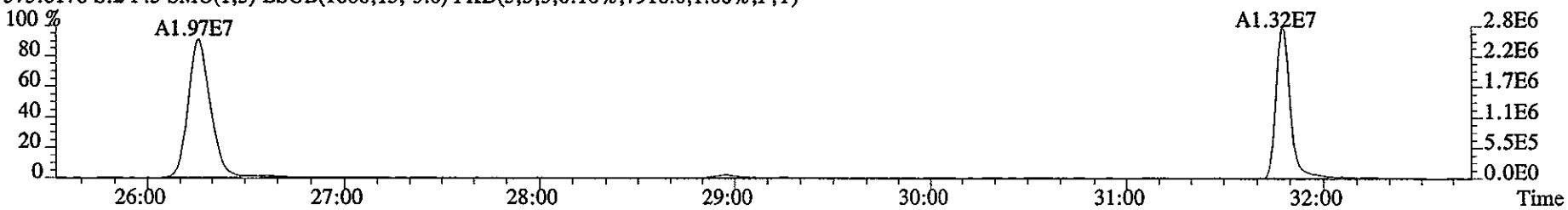
392.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



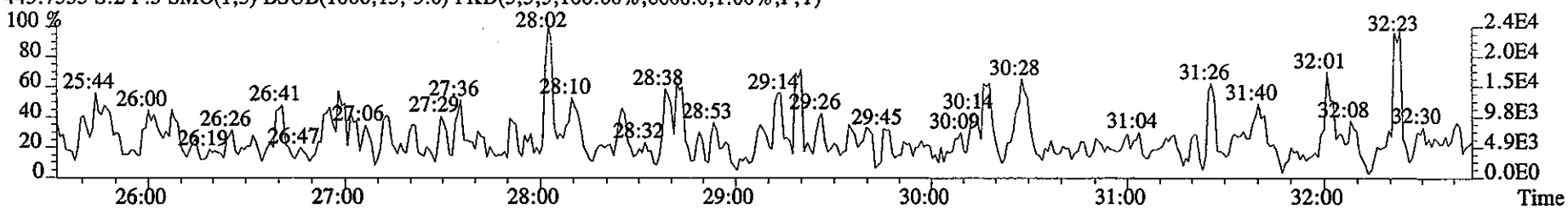
373.8208 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8780.0,1.00%,F,T)



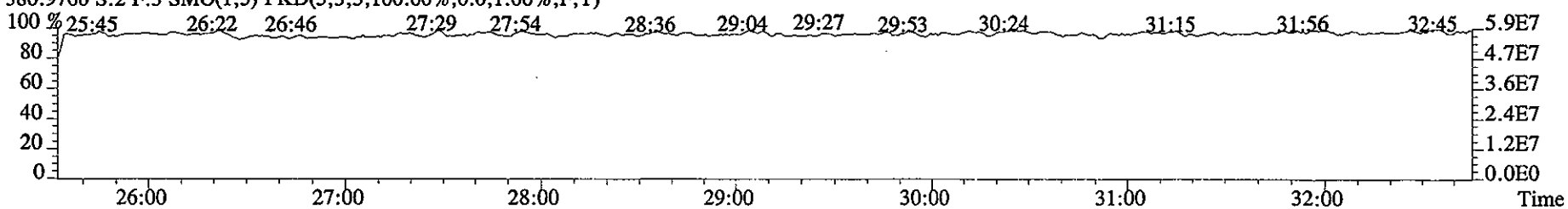
375.8178 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7916.0,1.00%,F,T)



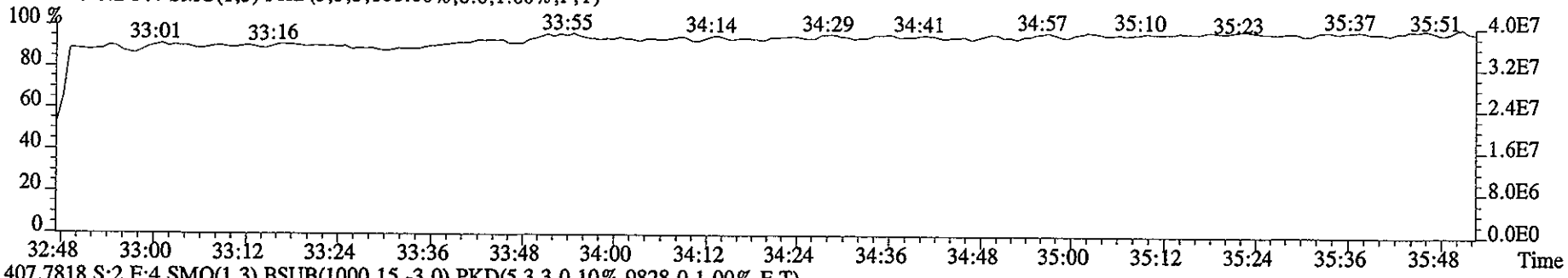
445.7555 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6608.0,1.00%,F,T)



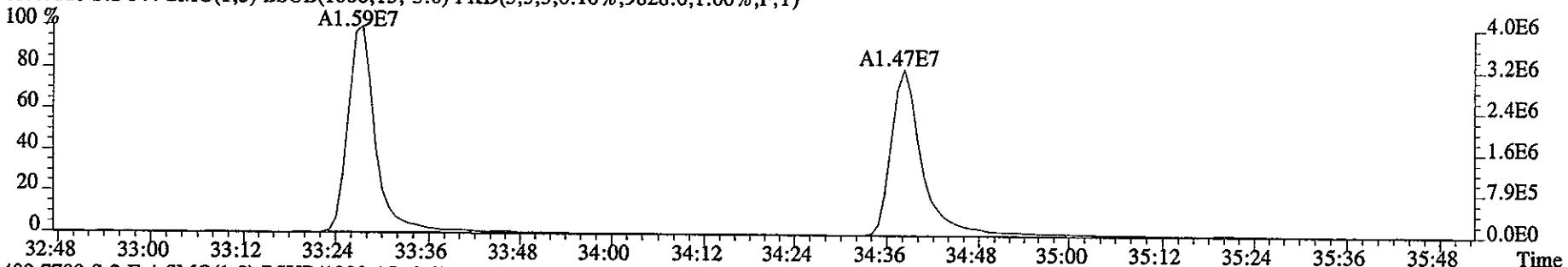
380.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



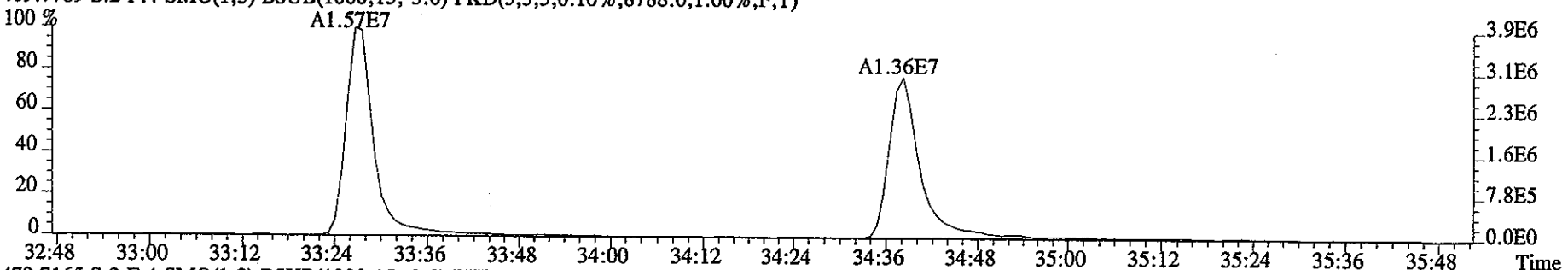
File:10JA061D5 #1-218 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
430.9728 S:2 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



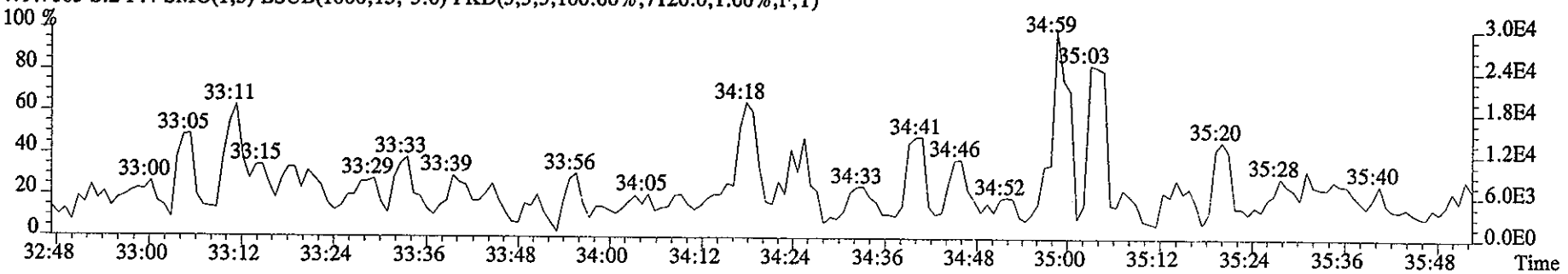
407.7818 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9828.0,1.00%,F,T)



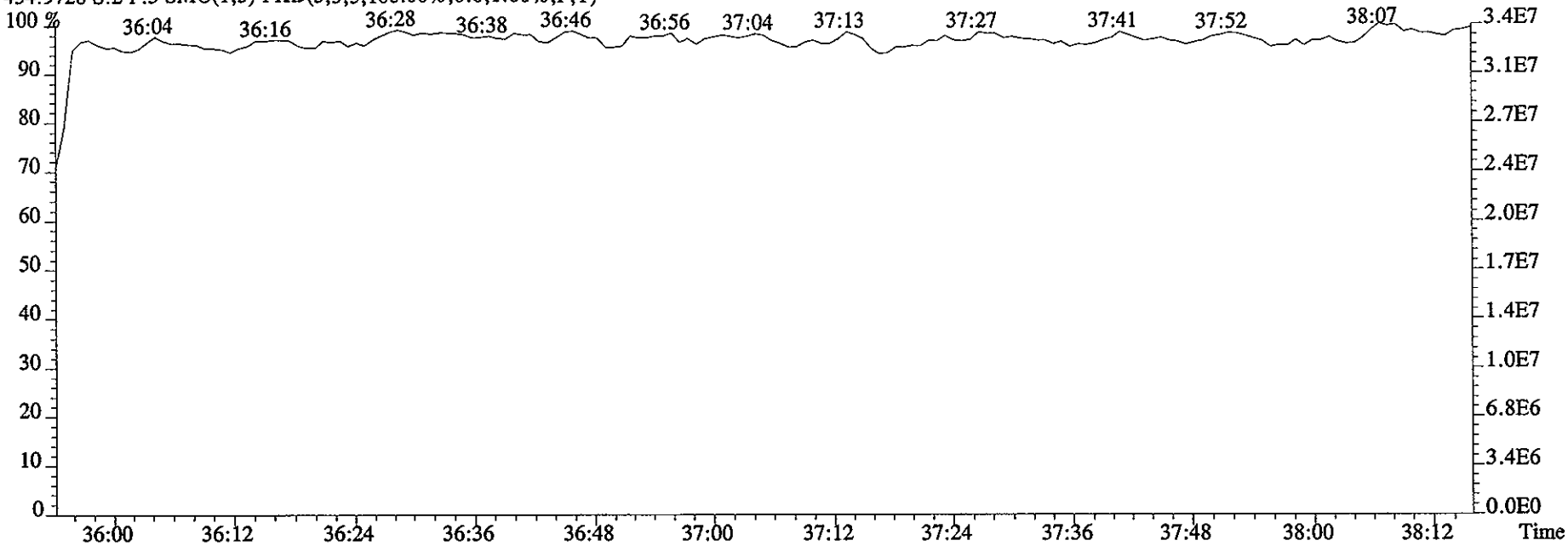
409.7789 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8788.0,1.00%,F,T)



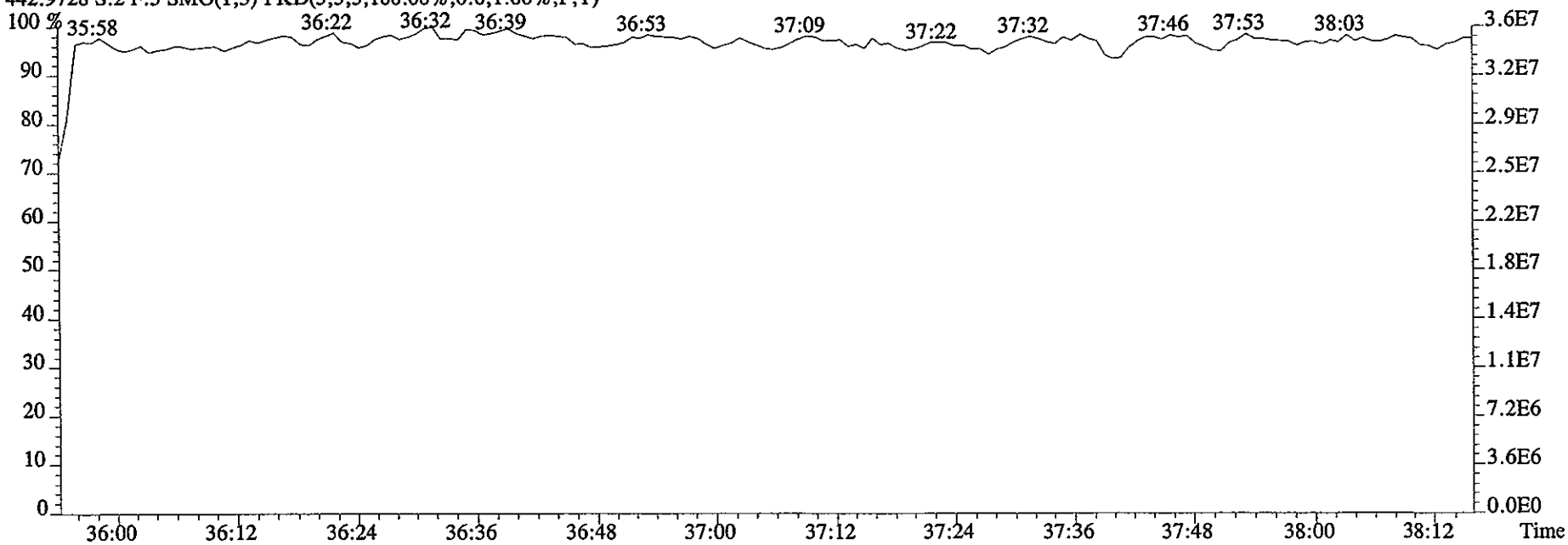
479.7165 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7120.0,1.00%,F,T)



File:10JA061D5 #1-171 Acq:10-JAN-2006 10:16:54 GC EI+ Voltage SIR 70SE
Sample#2 Text:CP0110 :DB-5 CPSM 2565-47 Exp:DIOXIN
454.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

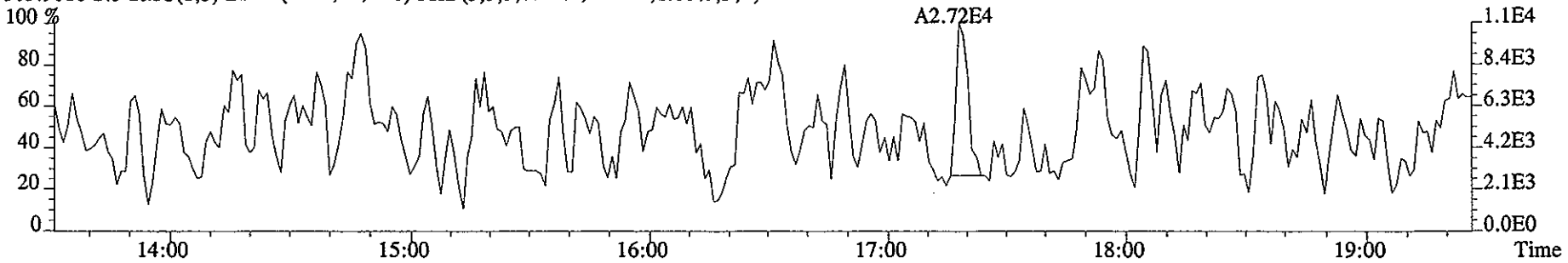


442.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

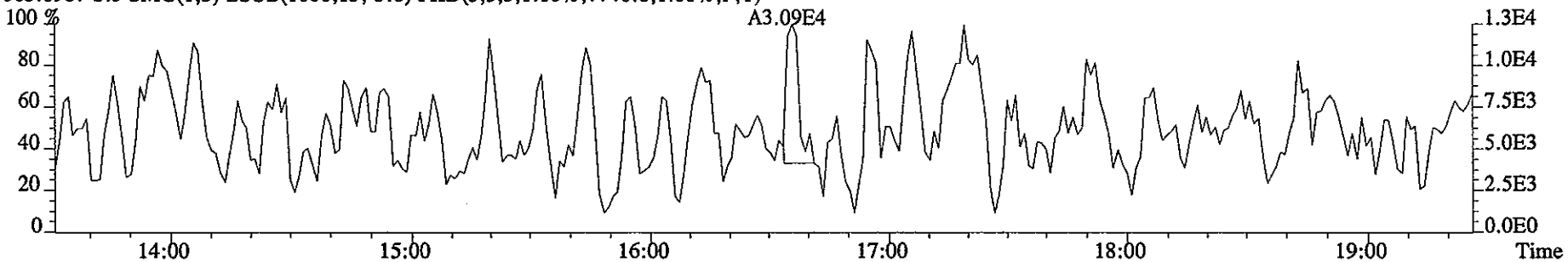


File:10JA061D5 #1-322 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

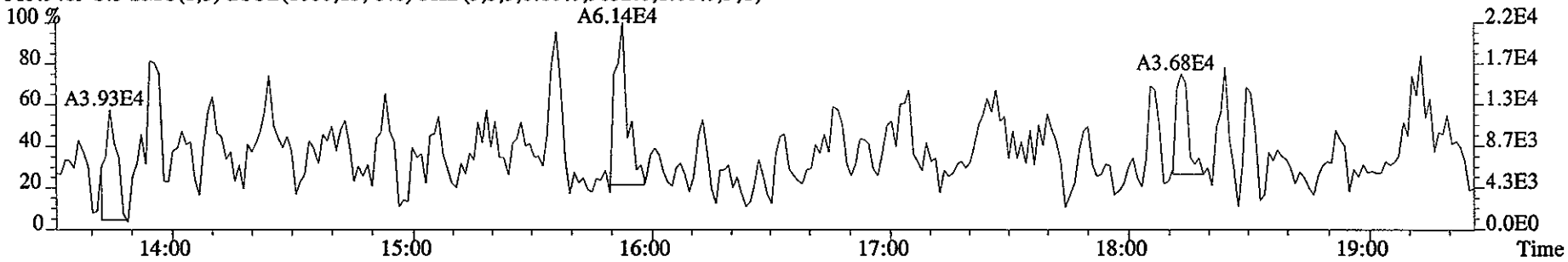
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6576.0,1.00%,F,T)



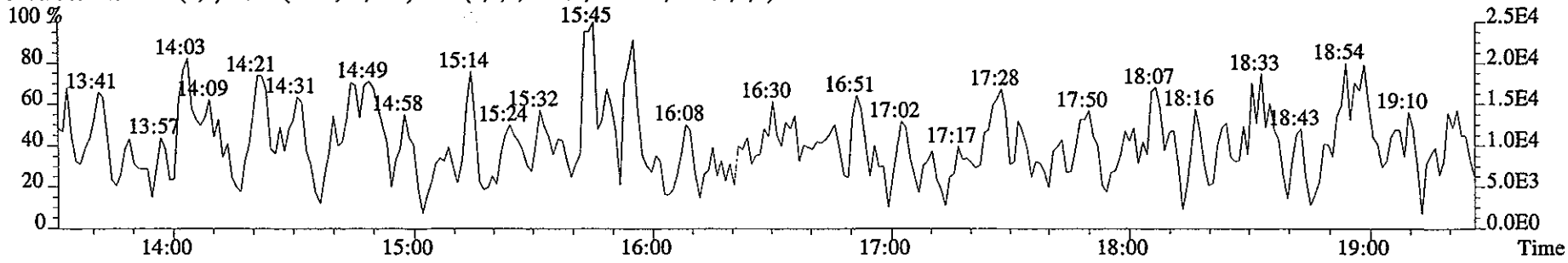
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7740.0,1.00%,F,T)



315.9419 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9632.0,1.00%,F,T)

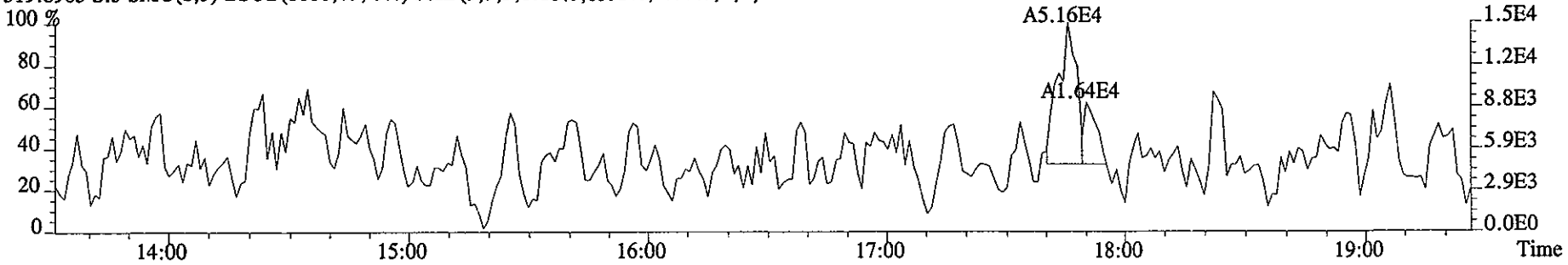


317.9389 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12572.0,1.00%,F,T)

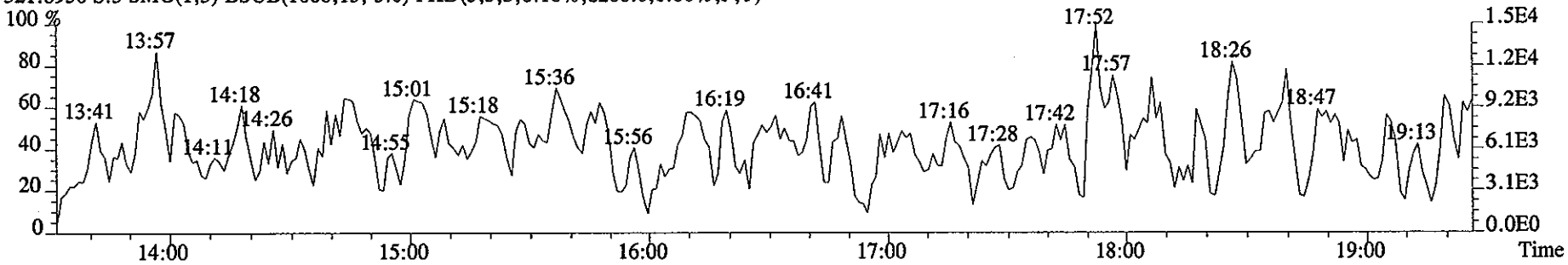


File:10JA061D5 #1-322 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

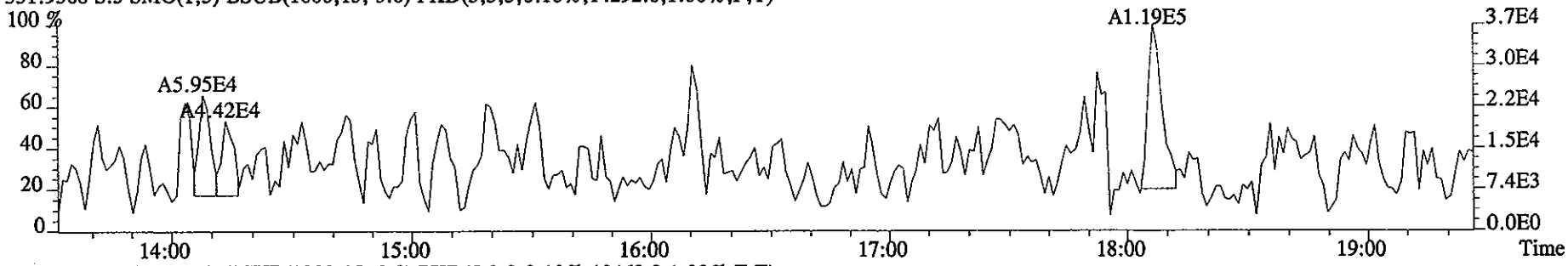
319.8965 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6592.0,1.00%,F,T)



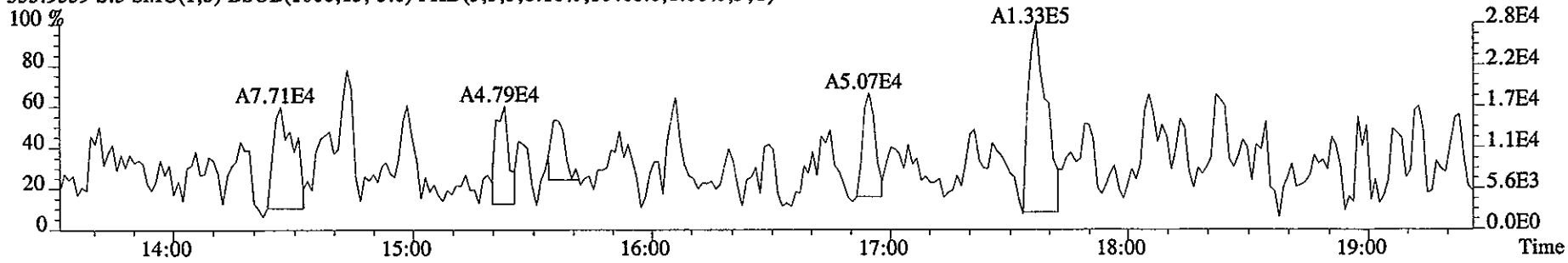
321.8936 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8280.0,1.00%,F,T)



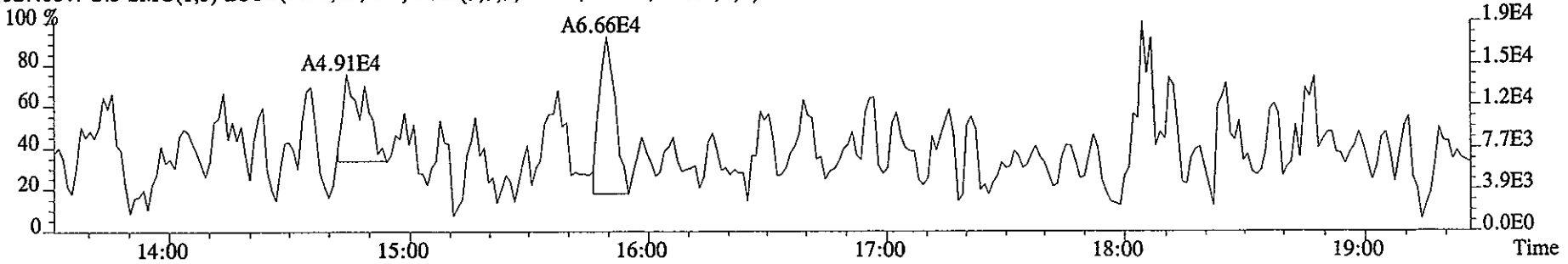
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14292.0,1.00%,F,T)



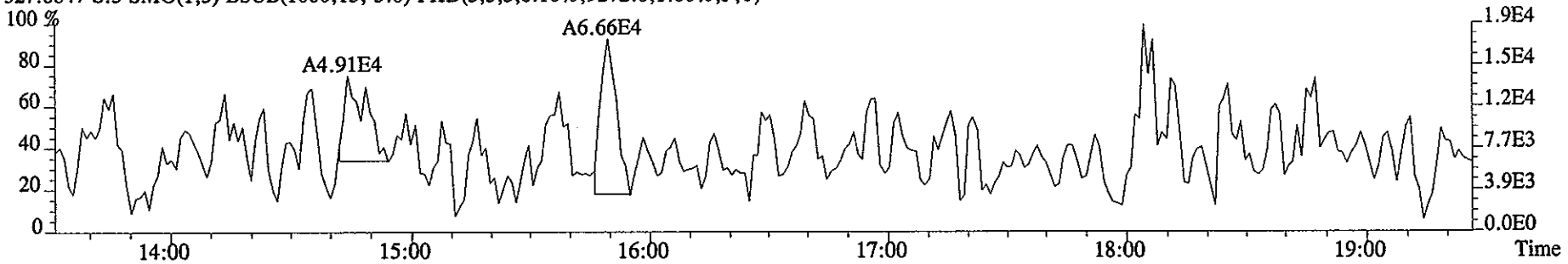
333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10468.0,1.00%,F,T)



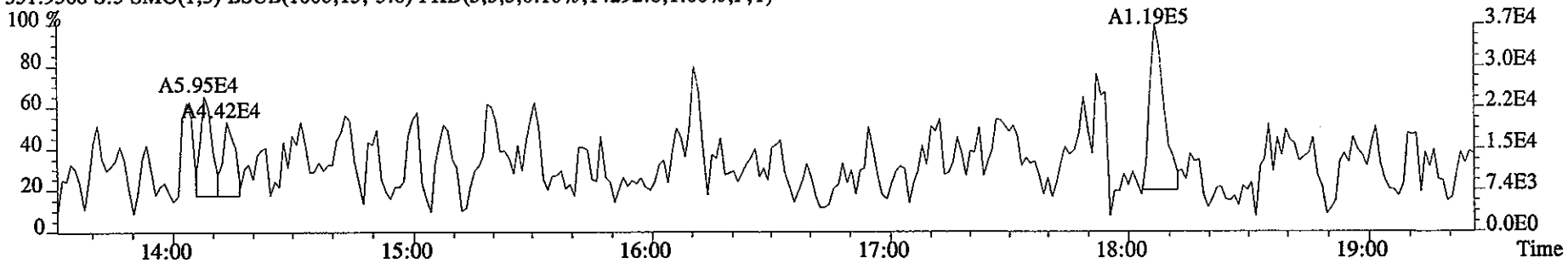
File:10JA061D5 #1-322 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9272.0,1.00%,F,T)



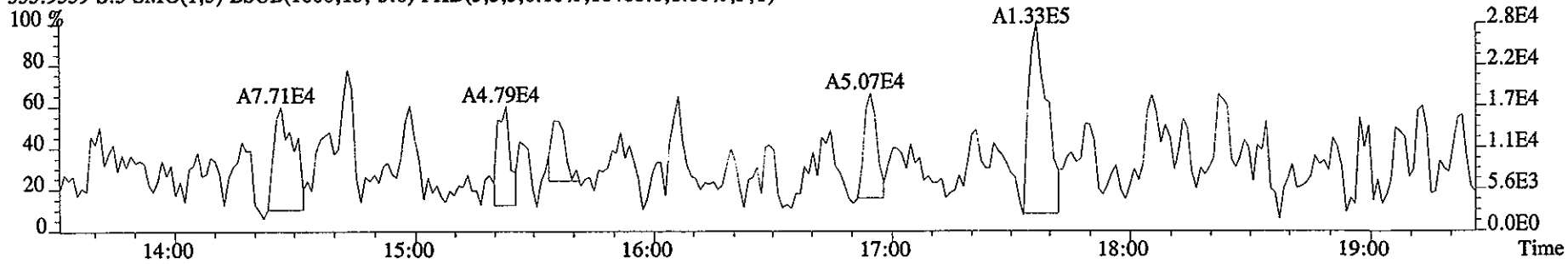
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9272.0,1.00%,F,T)



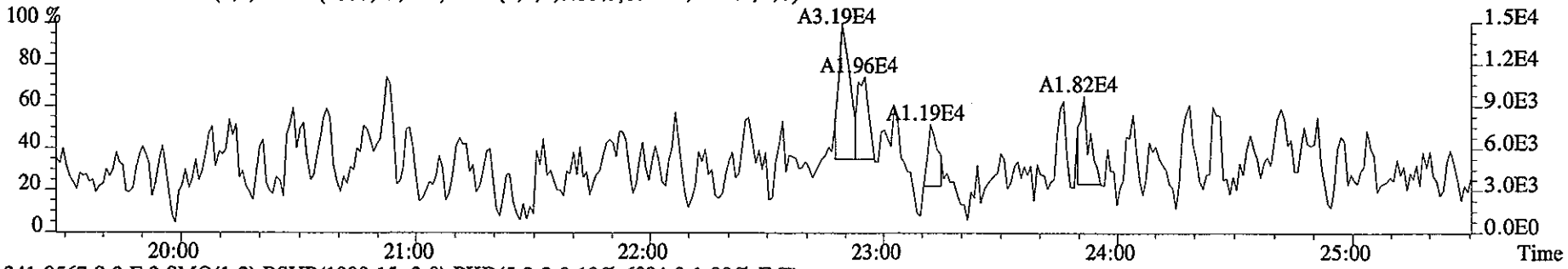
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14292.0,1.00%,F,T)



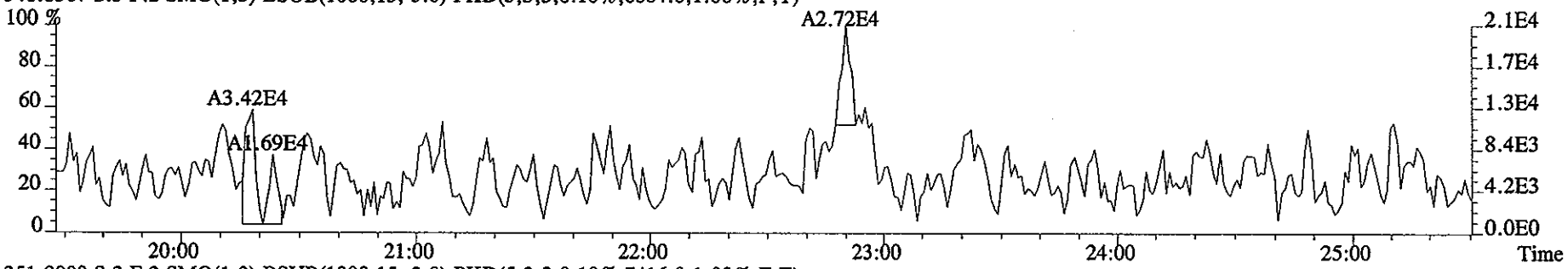
333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10468.0,1.00%,F,T)



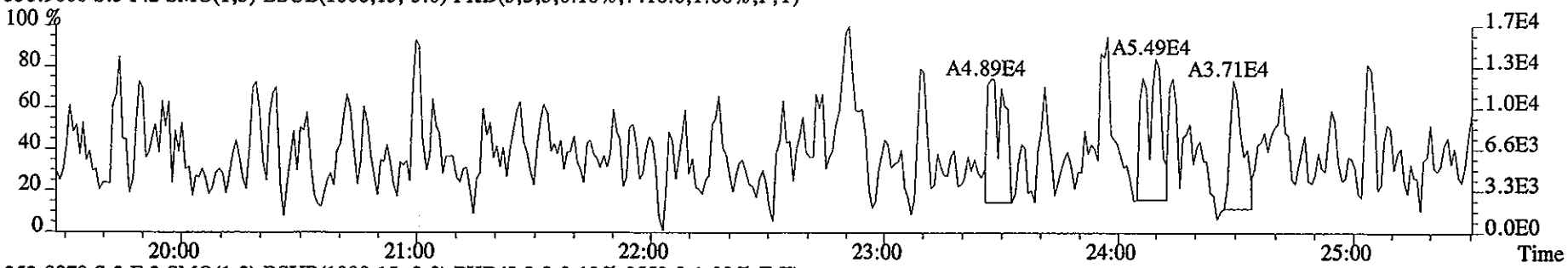
File:10JA061D5 #1-426 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6056.0,1.00%,F,T)



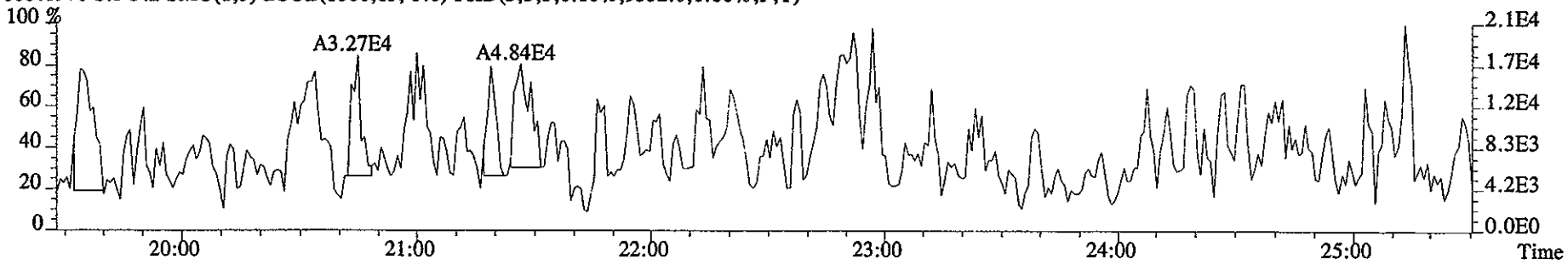
341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6884.0,1.00%,F,T)



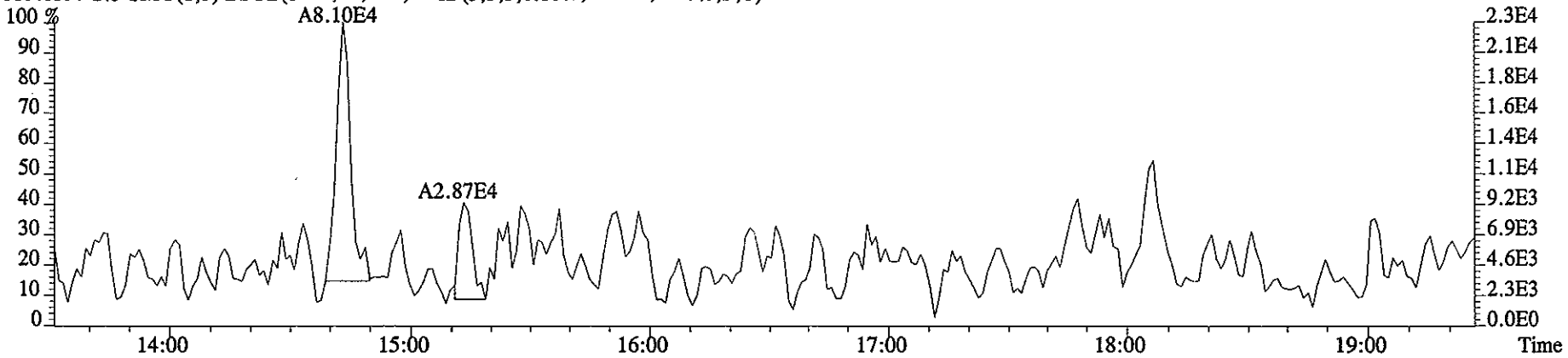
351.9000 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7416.0,1.00%,F,T)



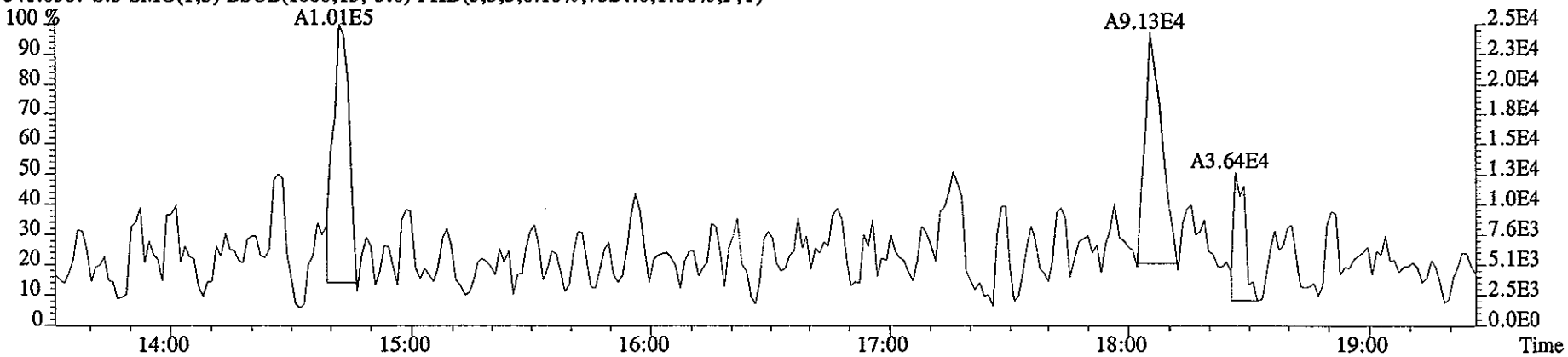
353.8970 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9552.0,1.00%,F,T)



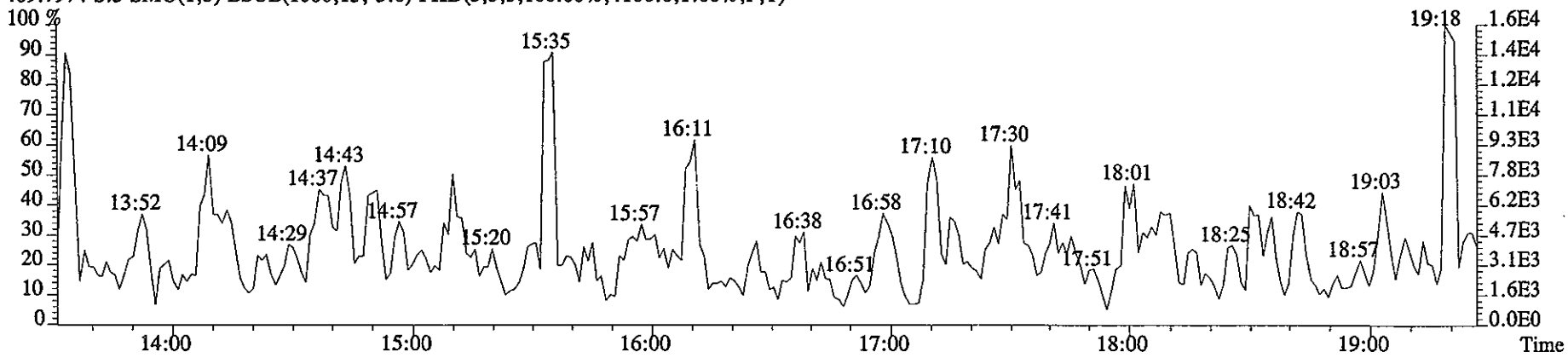
File:10JA061D5 #1-322 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
339.8597 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5868.0,1.00%,F,T)



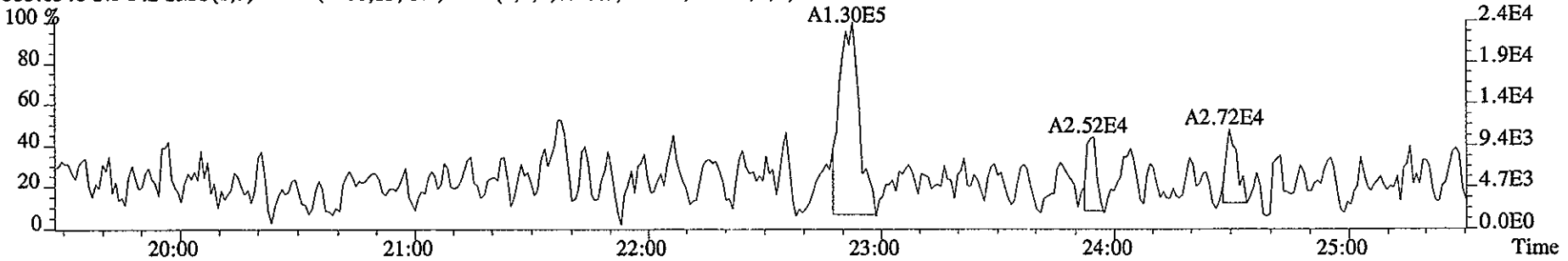
341.8567 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7324.0,1.00%,F,T)



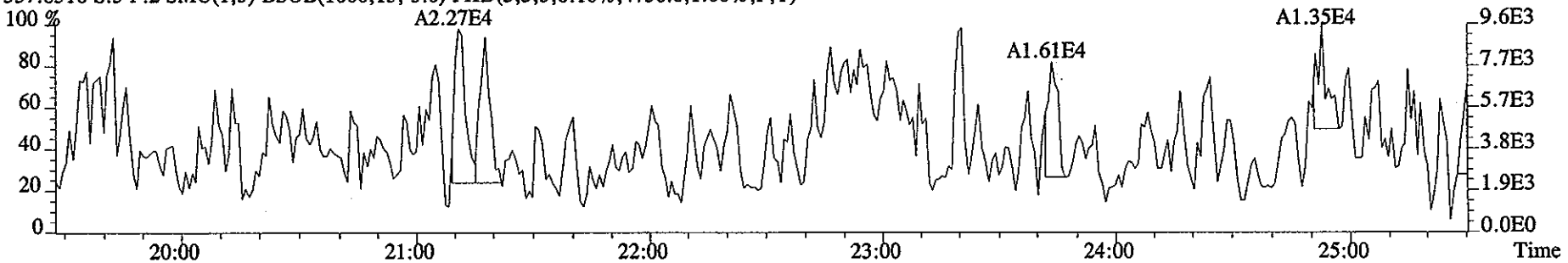
409.7974 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4100.0,1.00%,F,T)



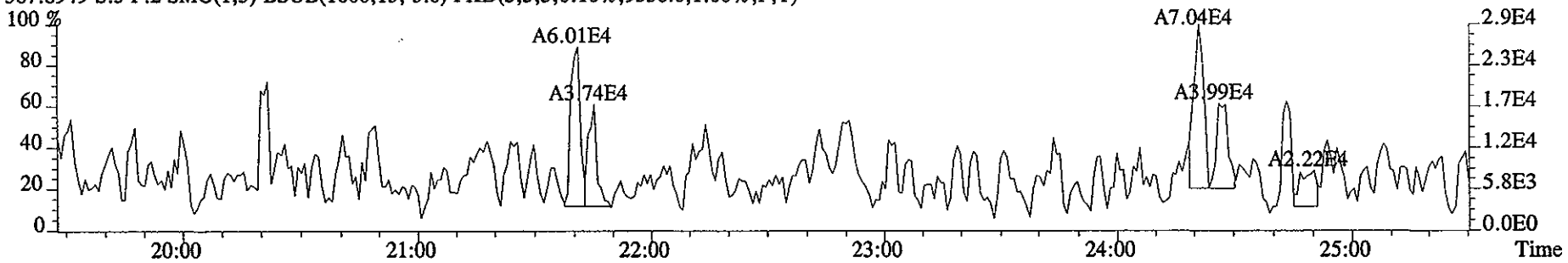
File:10JA061D5 #1-426 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
355.8546 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6808.0,1.00%,F,T)



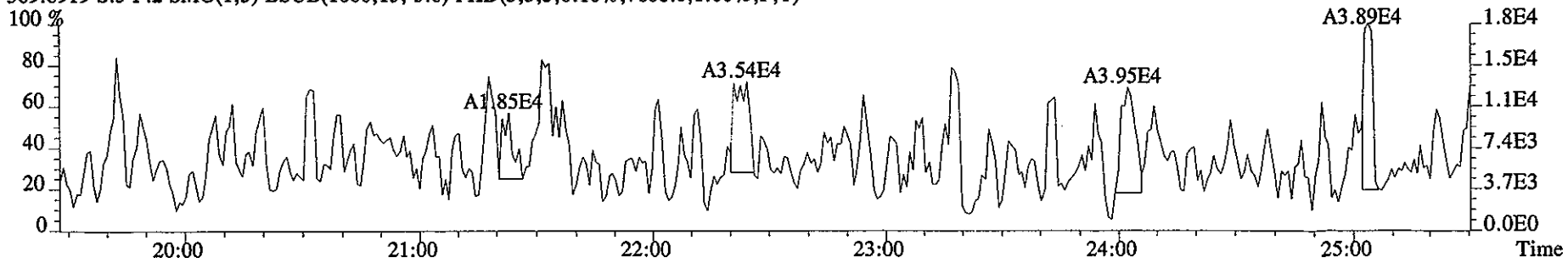
357.8516 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4756.0,1.00%,F,T)



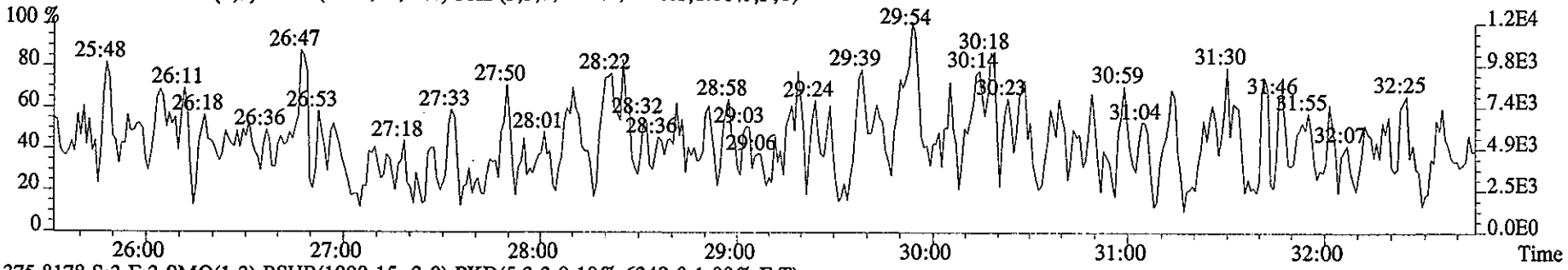
367.8949 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9356.0,1.00%,F,T)



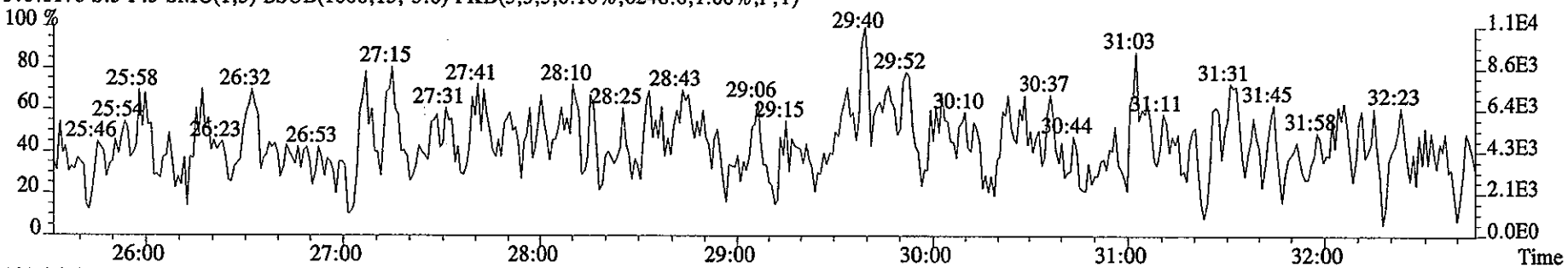
369.8919 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7608.0,1.00%,F,T)



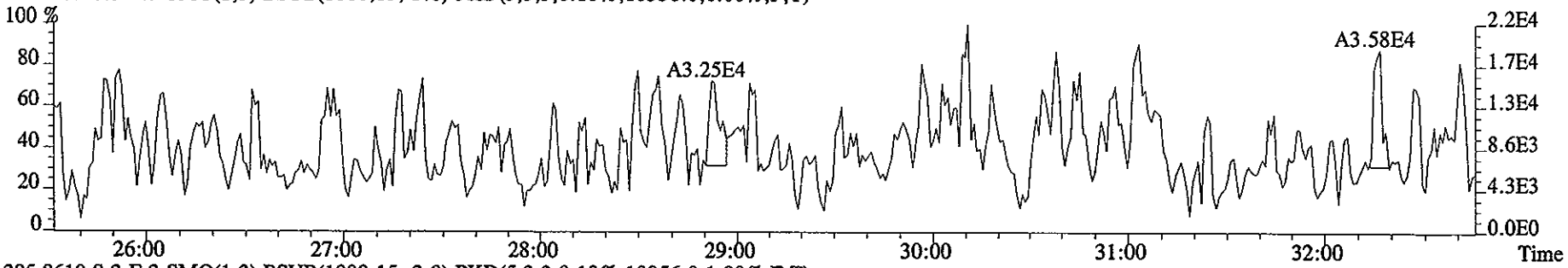
File:10JA061D5 #1-486 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
373.8208 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6680.0,1.00%,F,T)



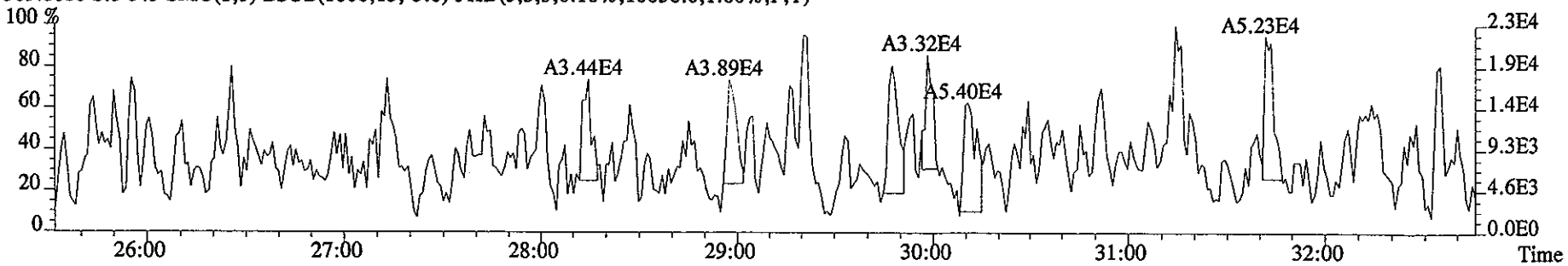
375.8178 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6248.0,1.00%,F,T)



383.8639 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10336.0,1.00%,F,T)

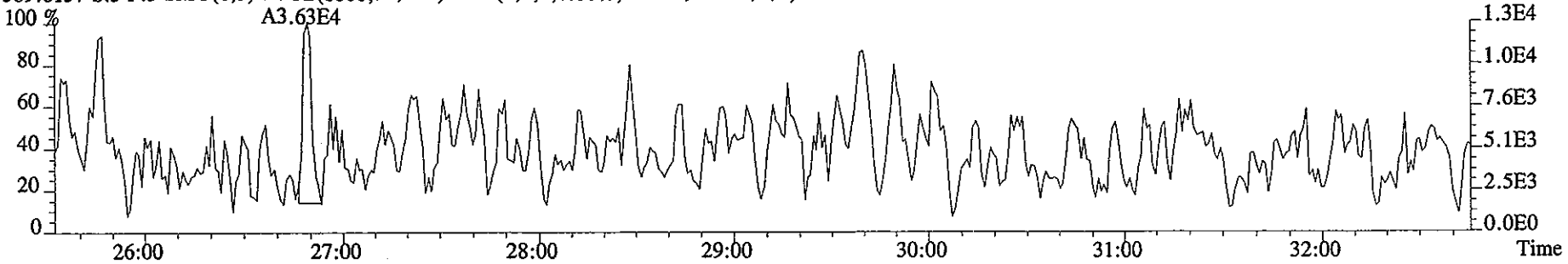


385.8610 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10056.0,1.00%,F,T)

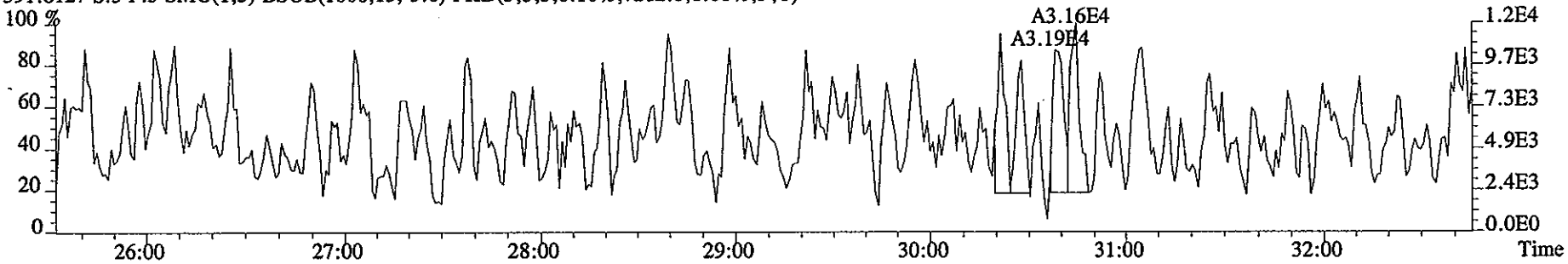


File:10JA061D5 #1-486 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

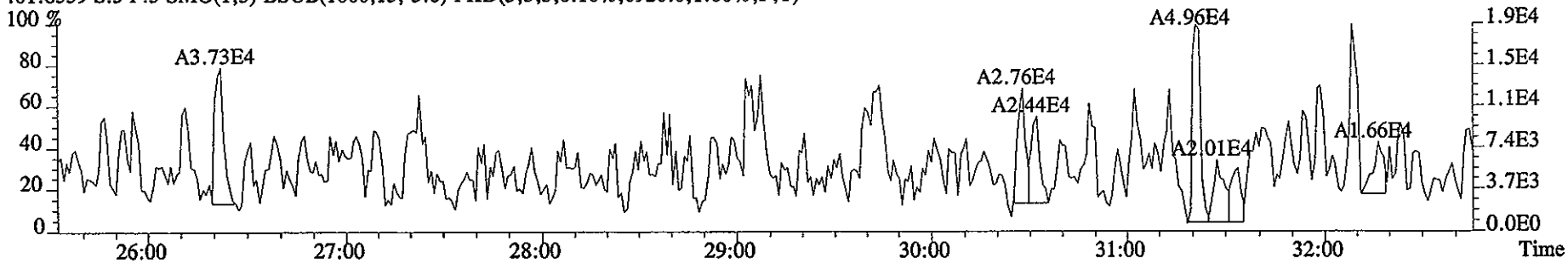
389.8157 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6264.0,1.00%,F,T)



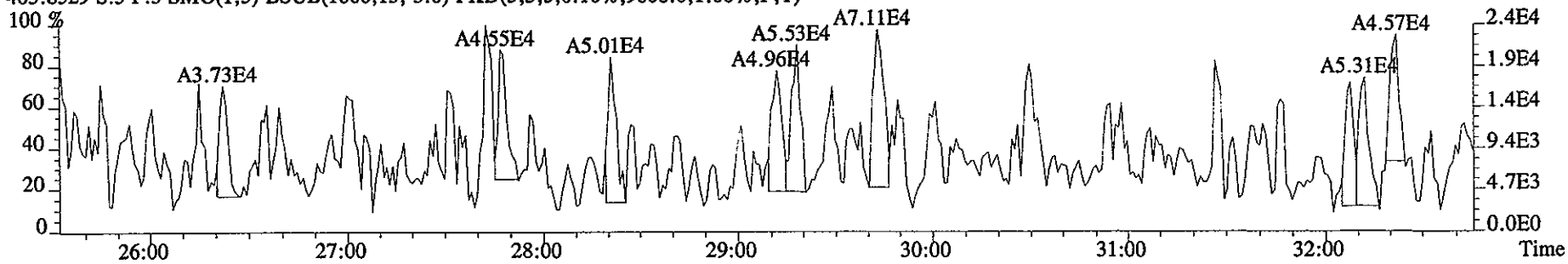
391.8127 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7212.0,1.00%,F,T)



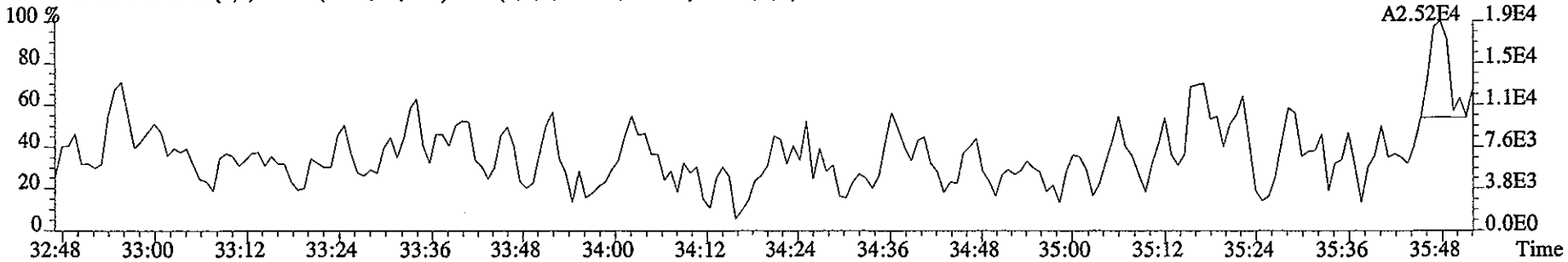
401.8559 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6920.0,1.00%,F,T)



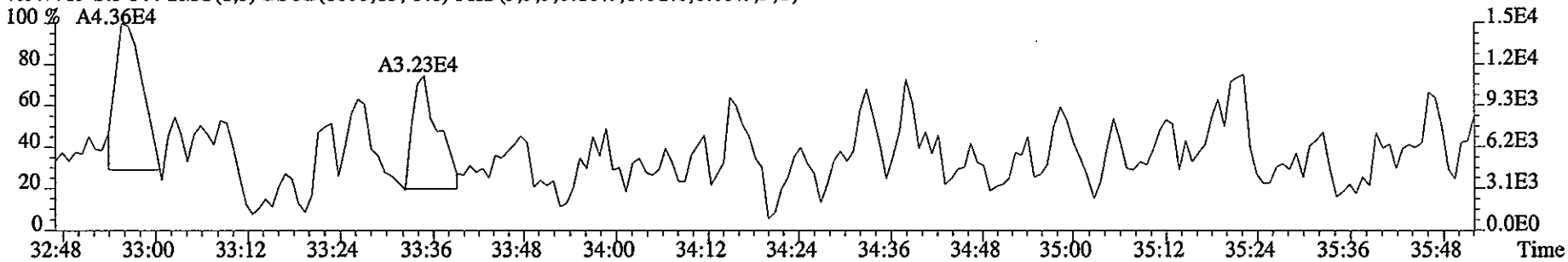
403.8529 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9808.0,1.00%,F,T)



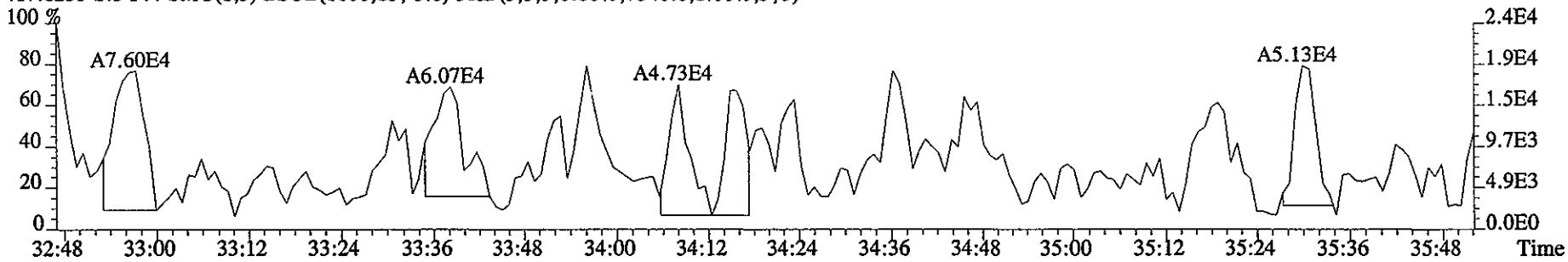
File:10JA061D5 #1-218 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8588.0,1.00%,F,T)



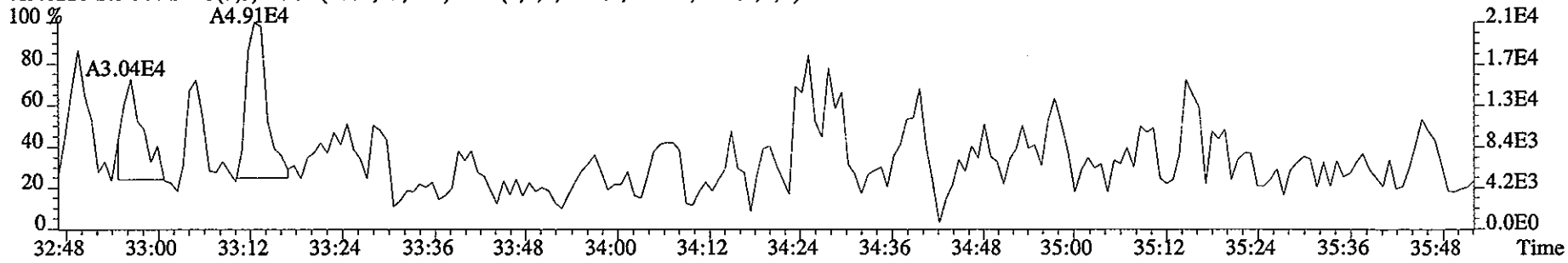
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6792.0,1.00%,F,T)



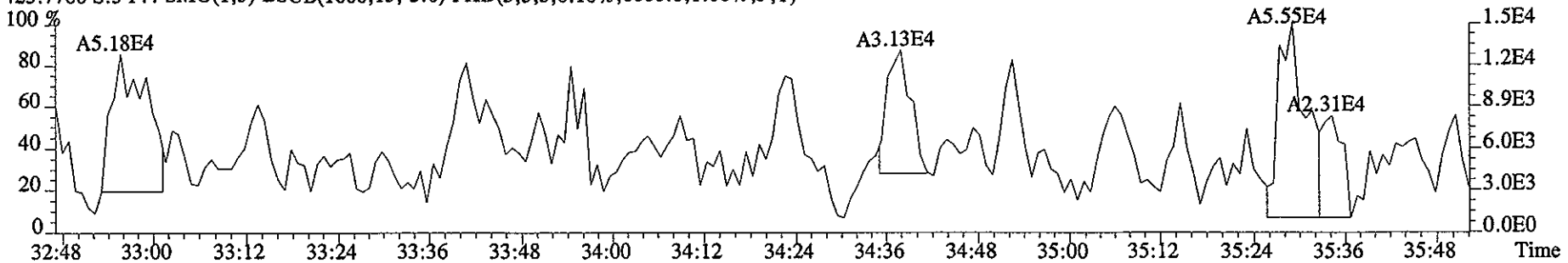
417.8253 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7340.0,1.00%,F,T)



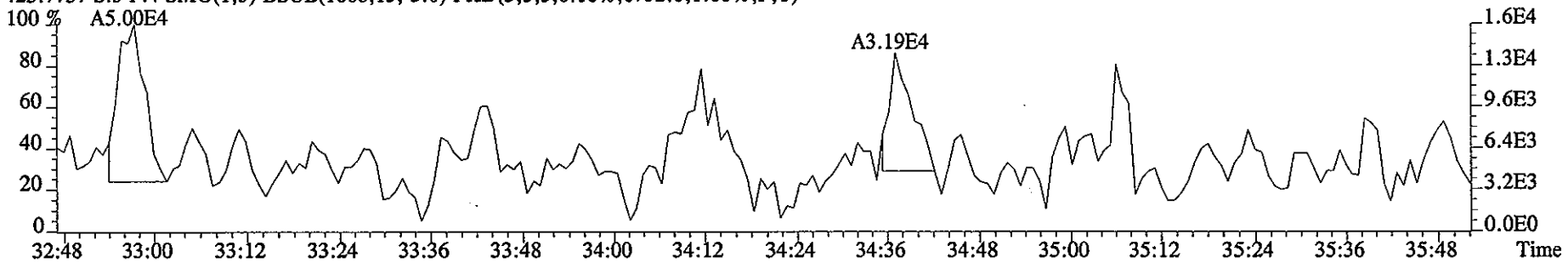
419.8220 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8076.0,1.00%,F,T)



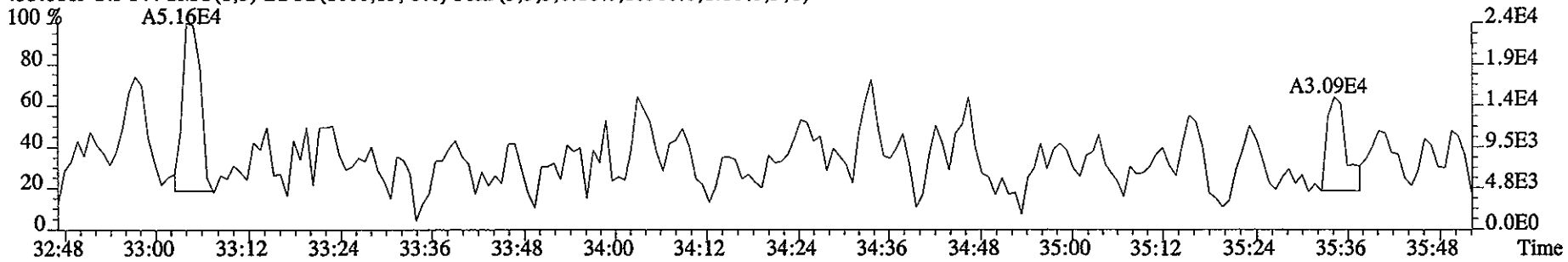
File:10JA061D5 #1-218 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
423.7766 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6800.0,1.00%,F,T)



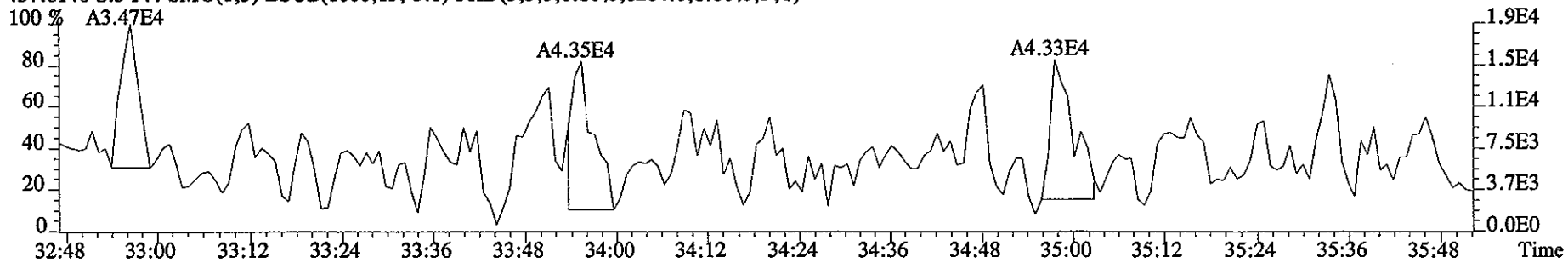
425.7737 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6752.0,1.00%,F,T)



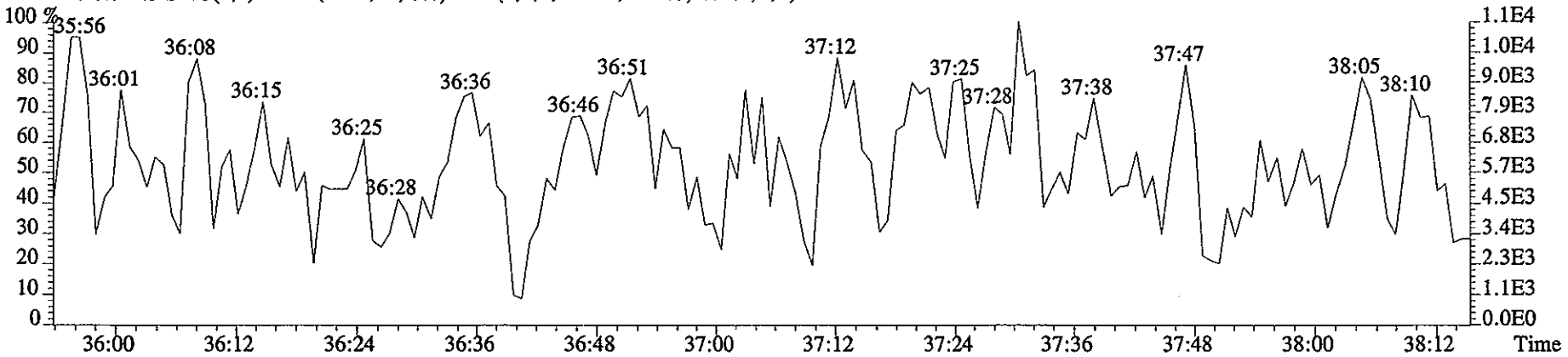
435.8169 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10300.0,1.00%,F,T)



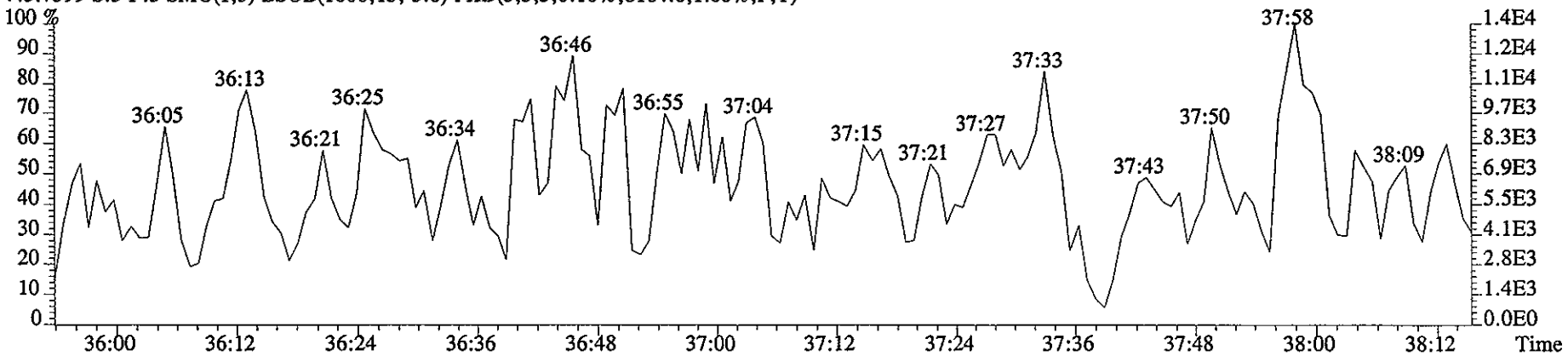
437.8140 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8204.0,1.00%,F,T)



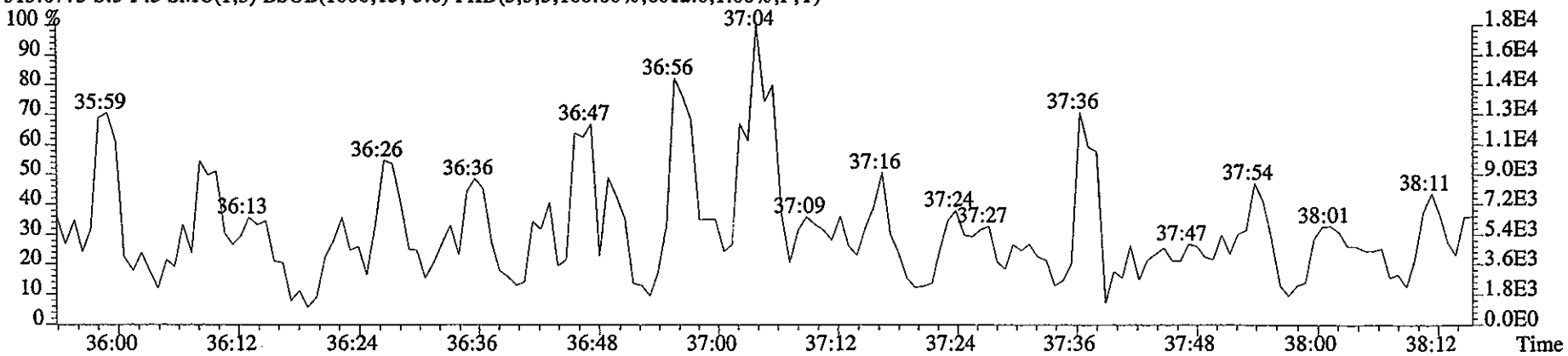
File:10JA061D5 #1-171 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
441.7428 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7888.0,1.00%,F,T)



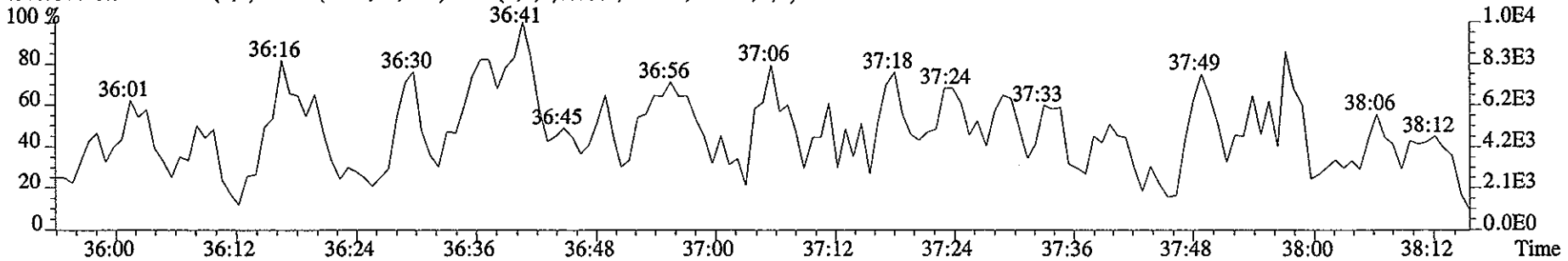
443.7399 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8164.0,1.00%,F,T)



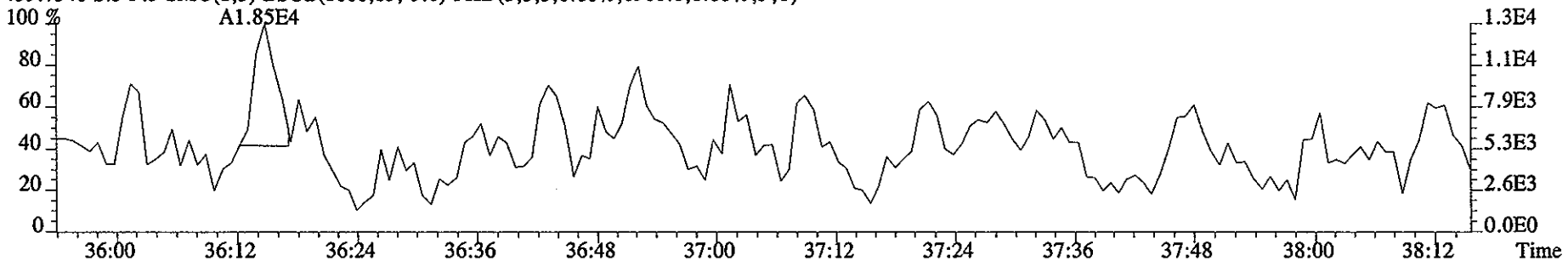
513.6775 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,6012.0,1.00%,F,T)



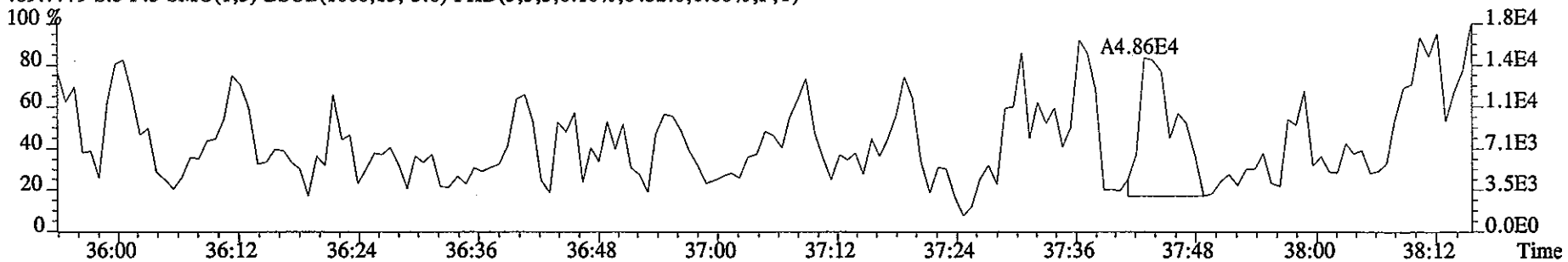
File:10JA061D5 #1-171 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
457.7377 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6060.0,1.00%,F,T)



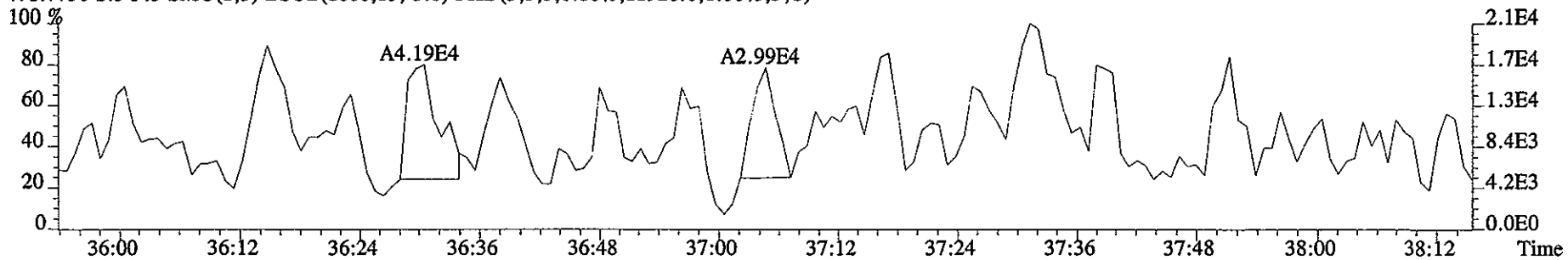
459.7348 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6900.0,1.00%,F,T)



469.7779 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8432.0,1.00%,F,T)

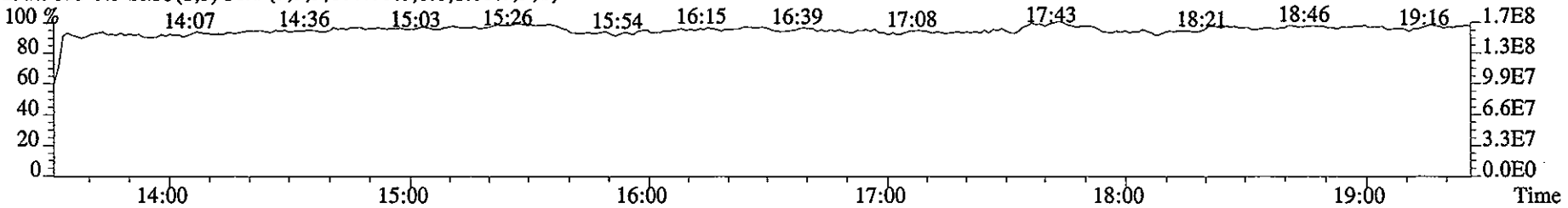


471.7750 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11920.0,1.00%,F,T)

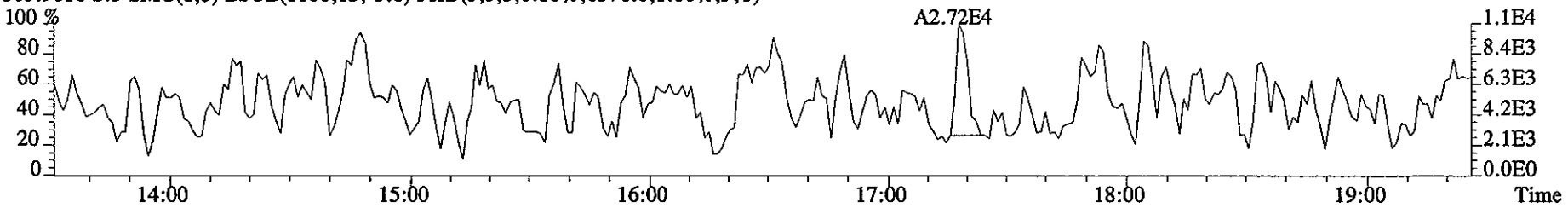


File:10JA061D5 #1-322 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

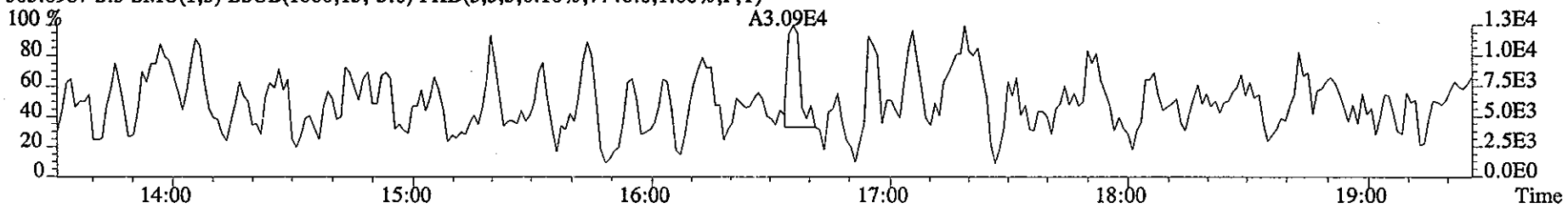
292.9825 S:3 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



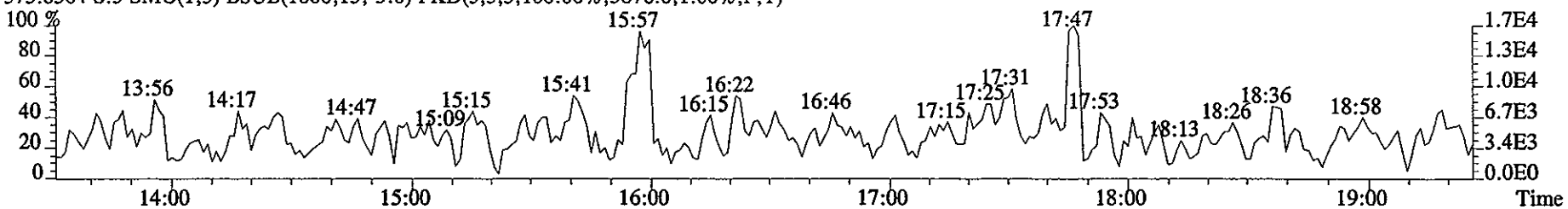
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6576.0,1.00%,F,T)



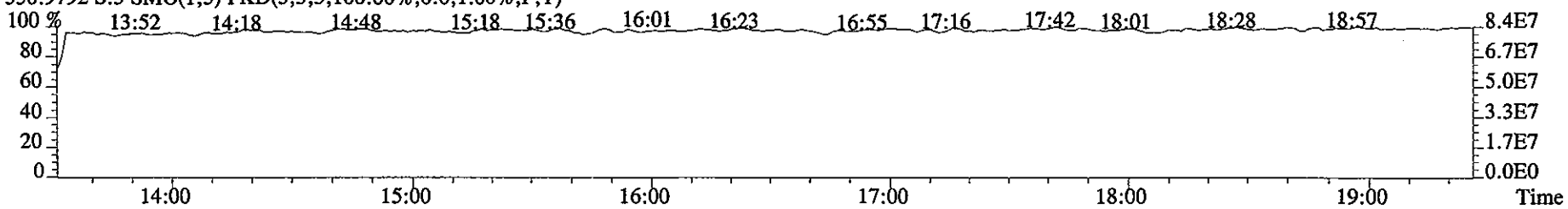
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7740.0,1.00%,F,T)



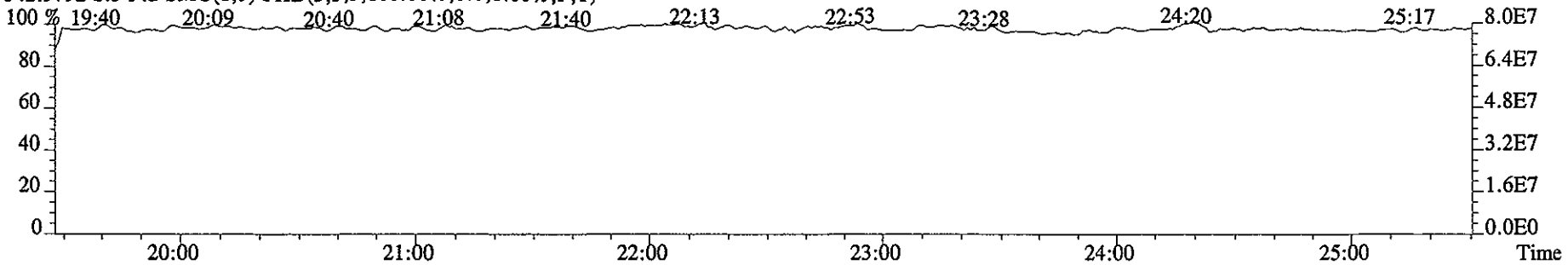
375.8364 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5876.0,1.00%,F,T)



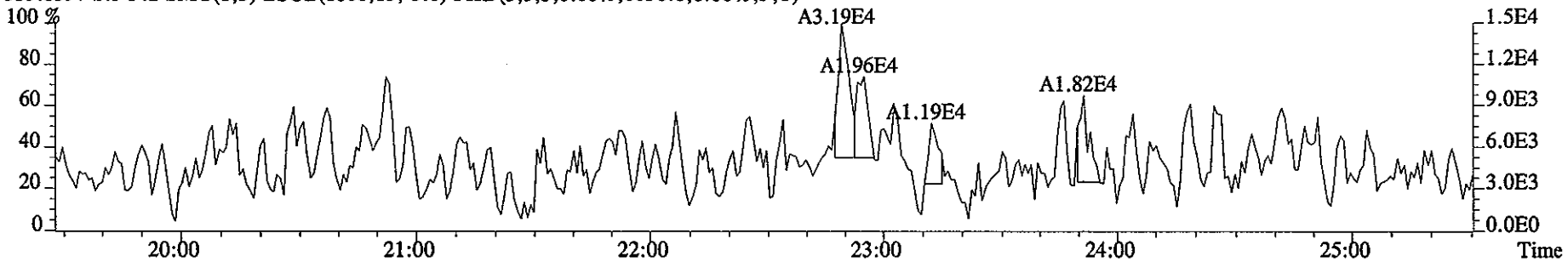
330.9792 S:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



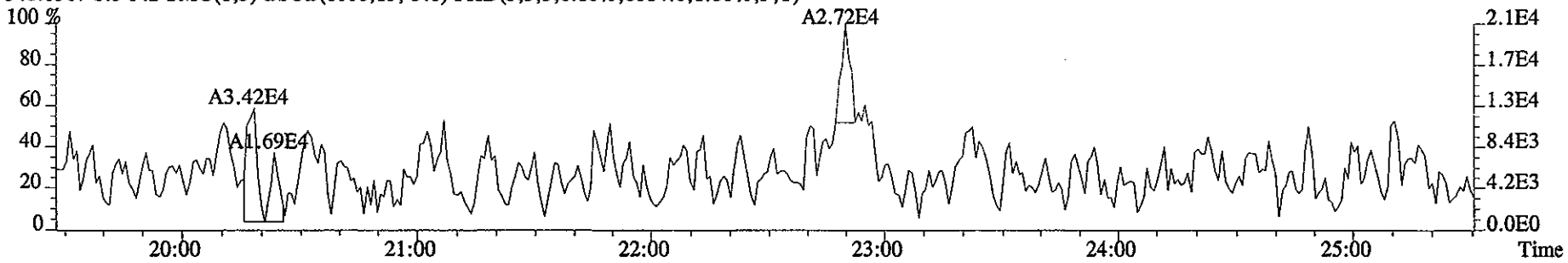
File:10JA061D5 #1-426 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
342.9792 S:3 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



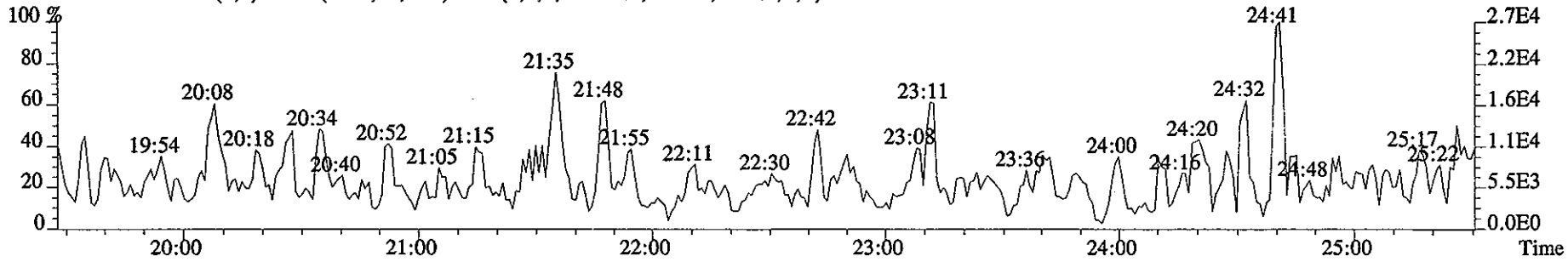
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6056.0,1.00%,F,T)



341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6884.0,1.00%,F,T)

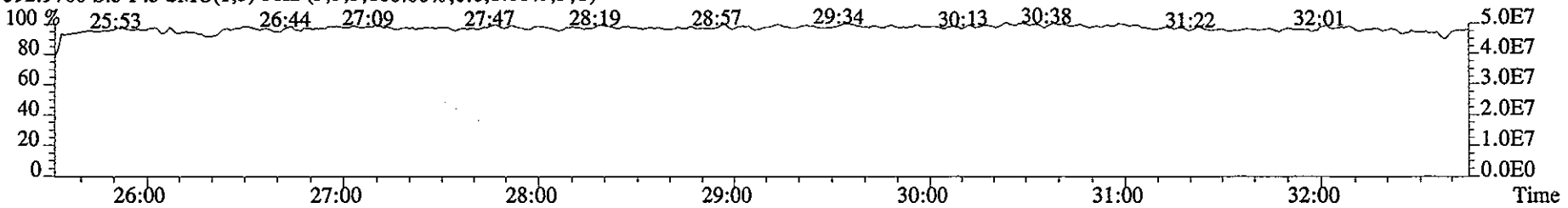


409.7974 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7068.0,1.00%,F,T)

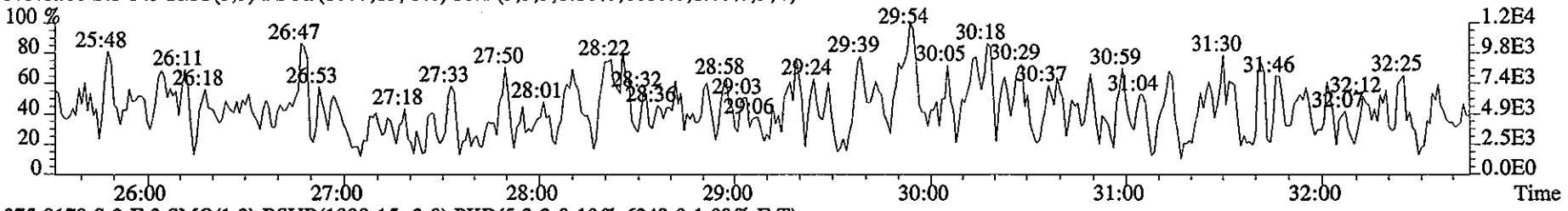


File:10JA061D5 #1-486 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN

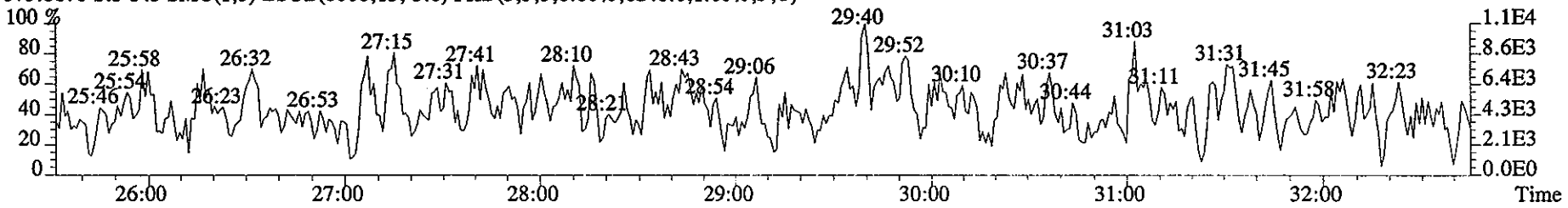
392.9760 S:3 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



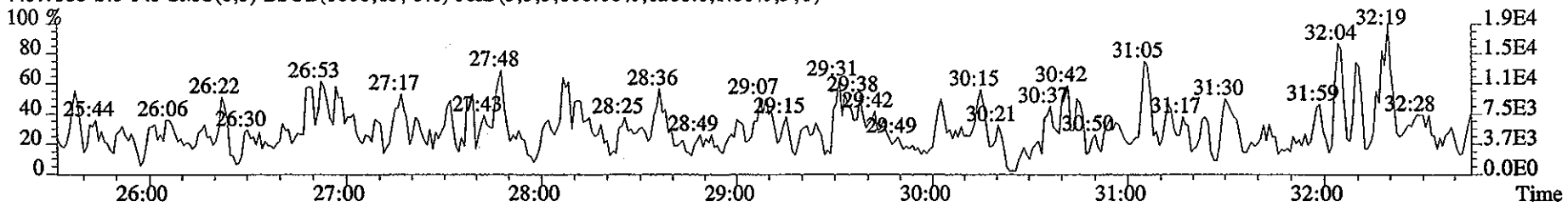
373.8208 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6680.0,1.00%,F,T)



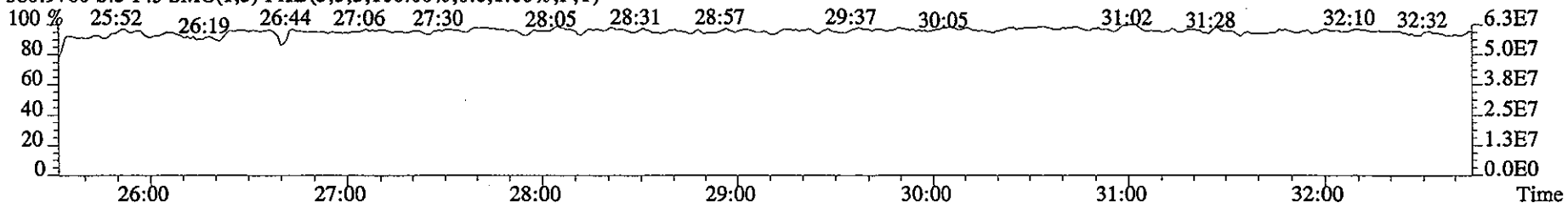
375.8178 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6248.0,1.00%,F,T)



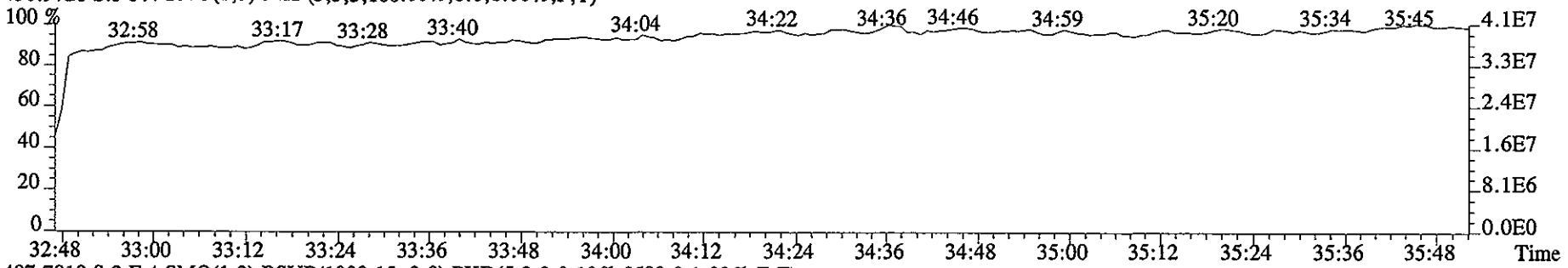
445.7555 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6288.0,1.00%,F,T)



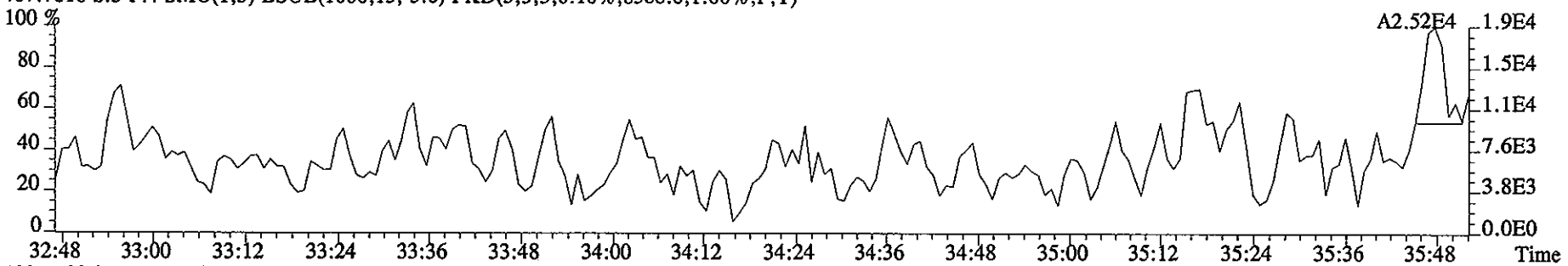
380.9760 S:3 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



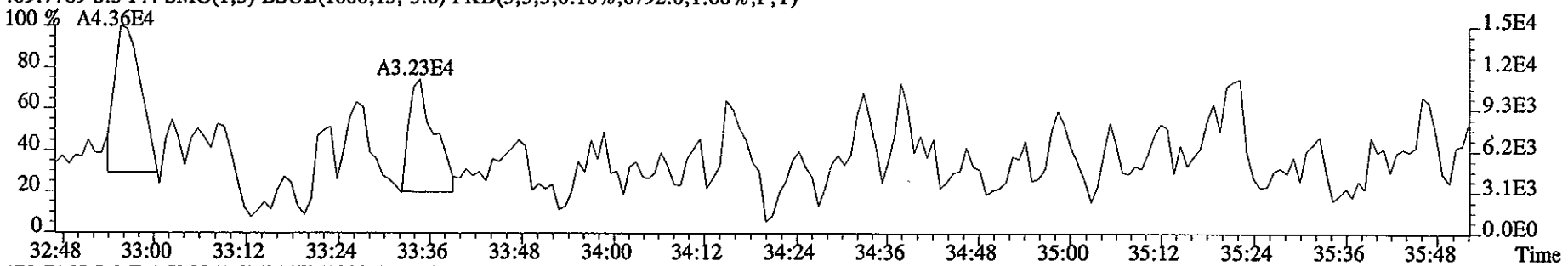
File:10JA061D5 #1-218 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
430.9728 S:3 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



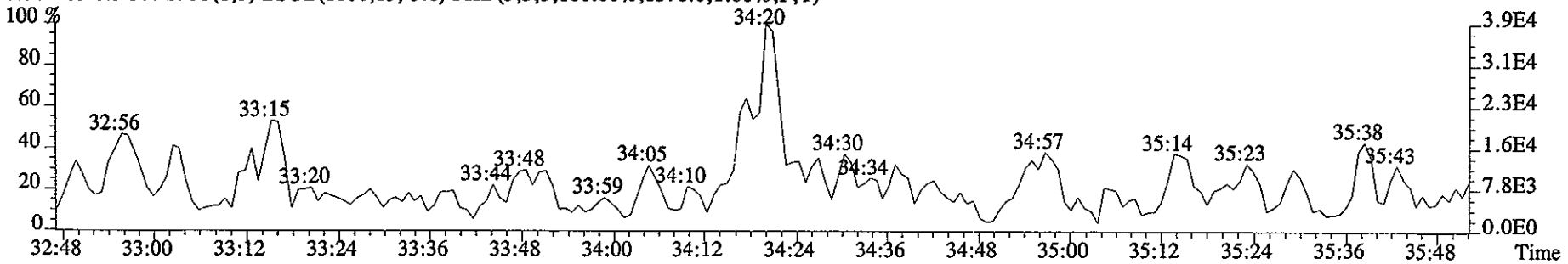
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8588.0,1.00%,F,T)



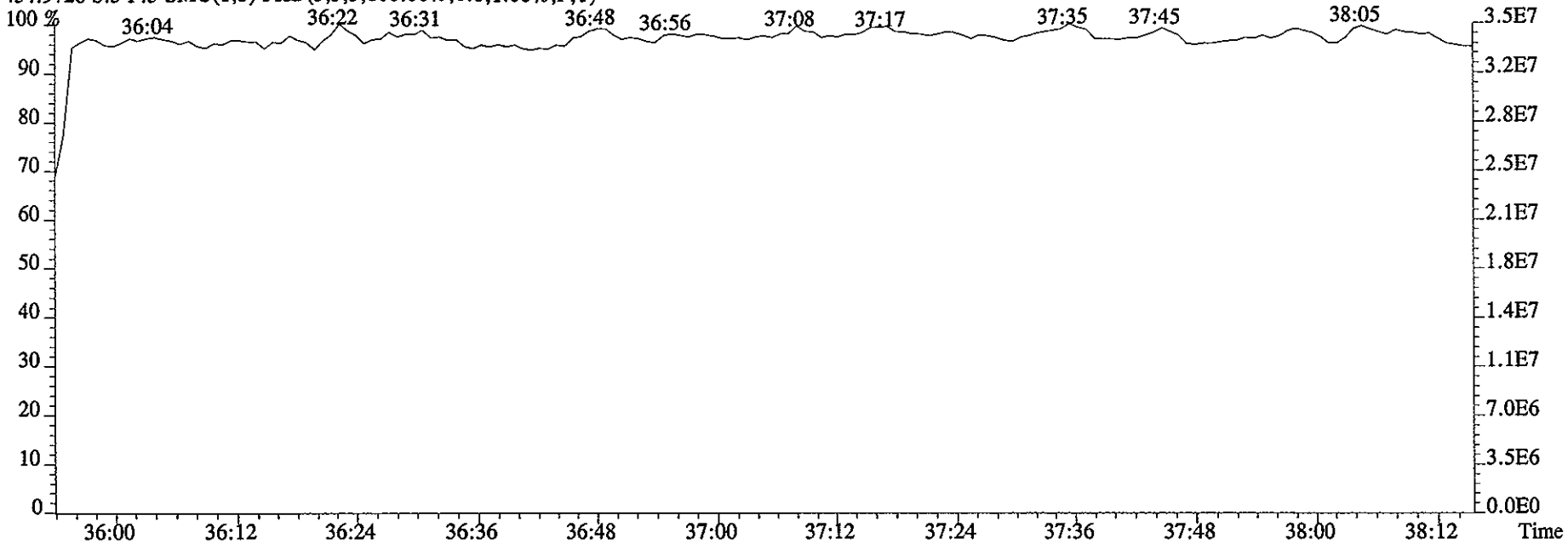
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6792.0,1.00%,F,T)



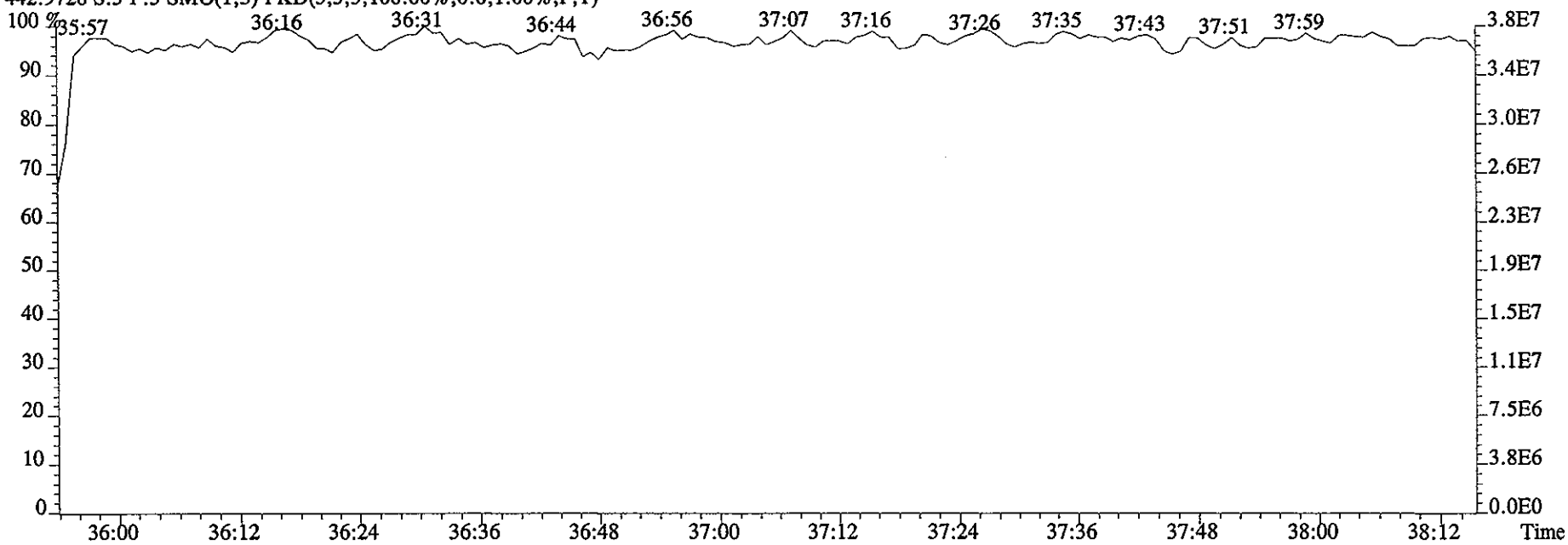
479.7165 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,8376.0,1.00%,F,T)



File:10JA061D5 #1-171 Acq:10-JAN-2006 10:58:34 GC EI+ Voltage SIR 70SE
Sample#3 Text:SB0110 :Solvent Blank C-14 Exp:DIOXIN
454.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

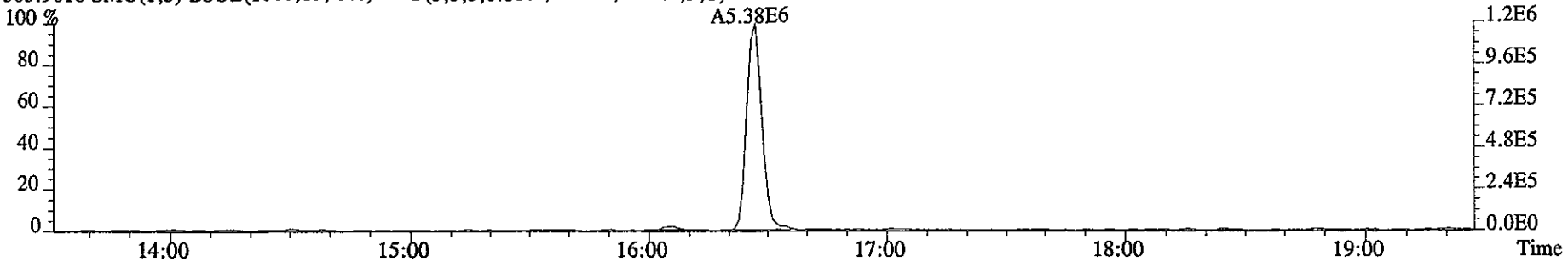


442.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

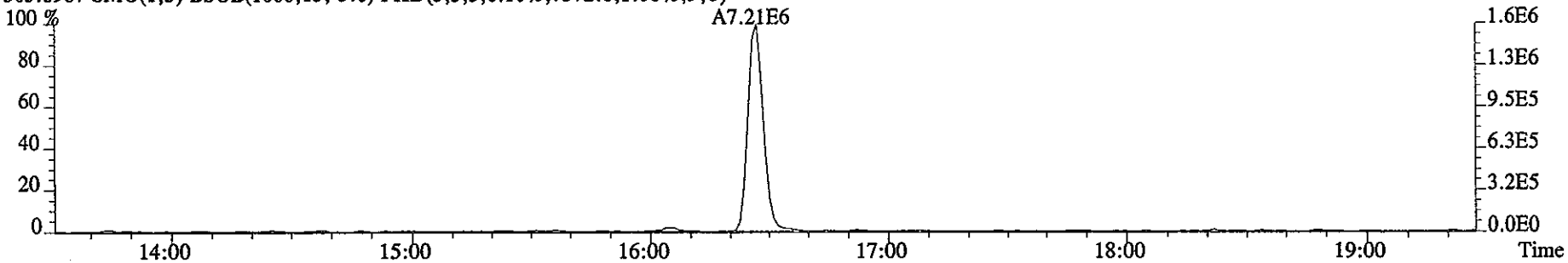


File:11JA061D5 #1-323 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN

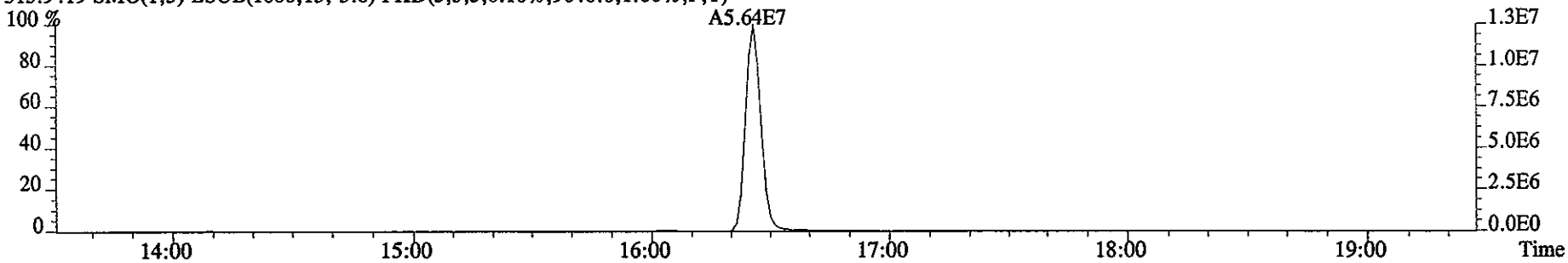
303.9016 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7592.0,1.00%,F,T)



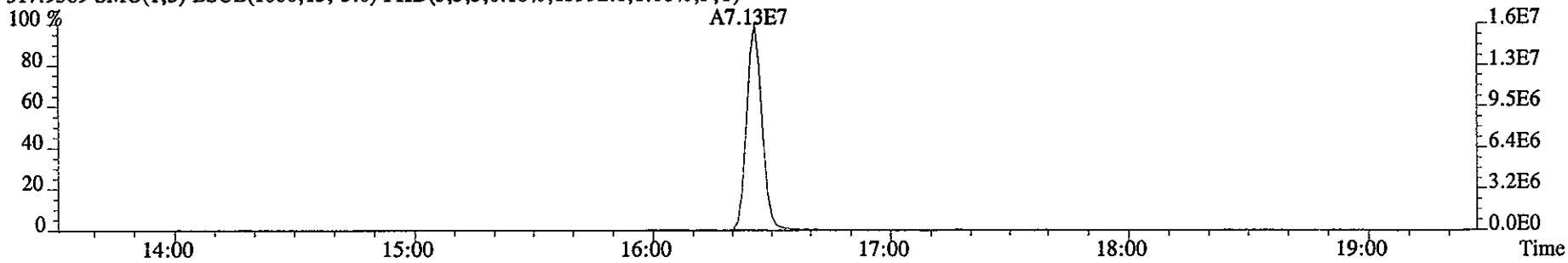
305.8987 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7372.0,1.00%,F,T)



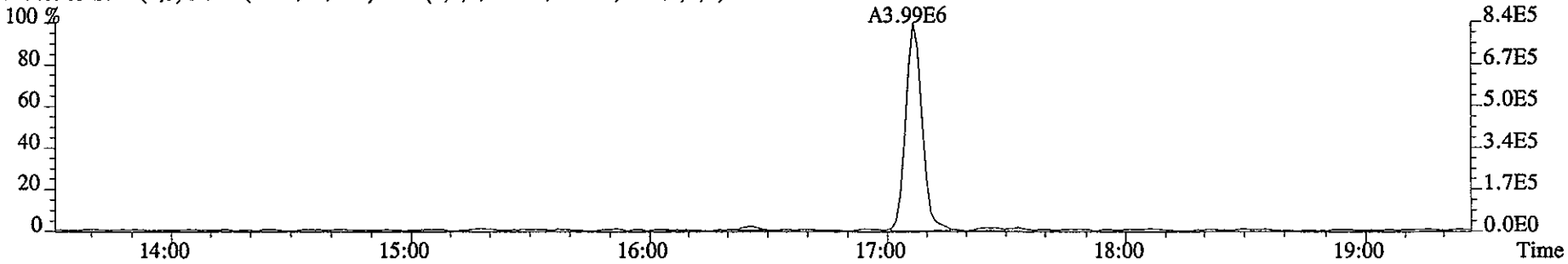
315.9419 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9640.0,1.00%,F,T)



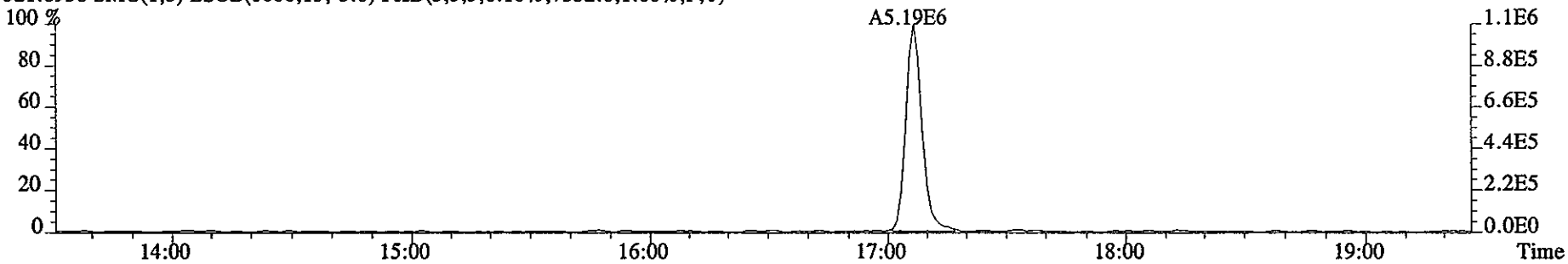
317.9389 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13992.0,1.00%,F,T)



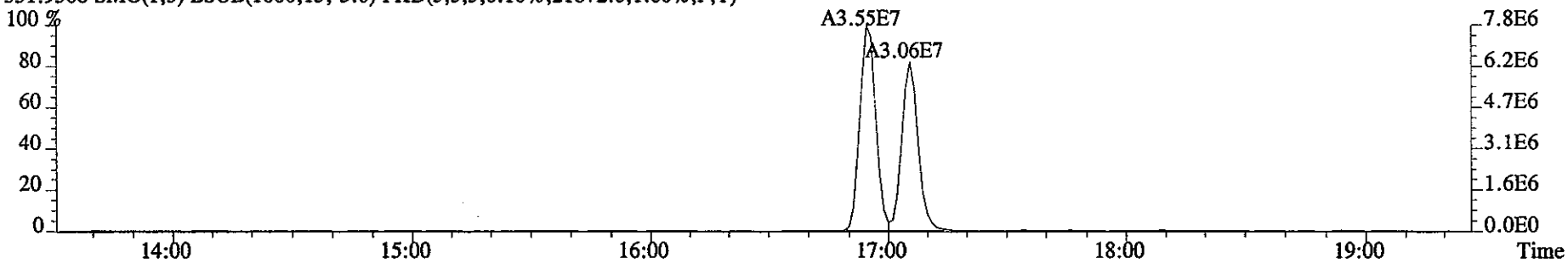
File:11JA061D5 #1-323 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
319.8965 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7540.0,1.00%,F,T)



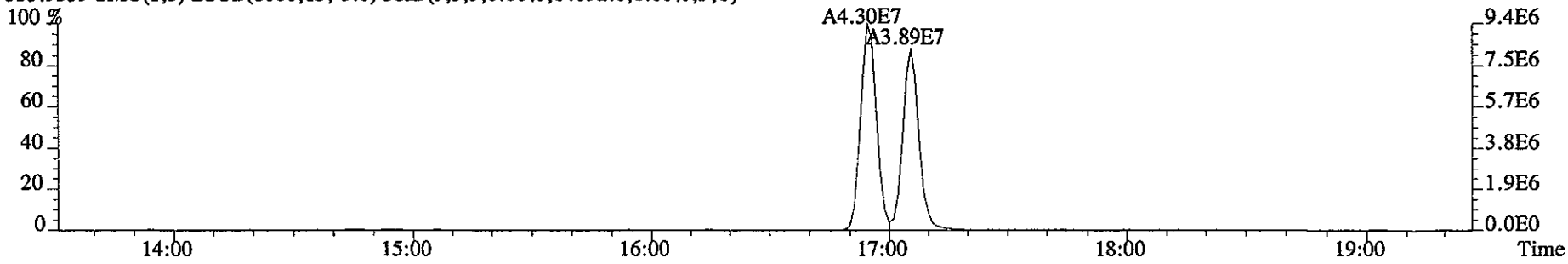
321.8936 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7352.0,1.00%,F,T)



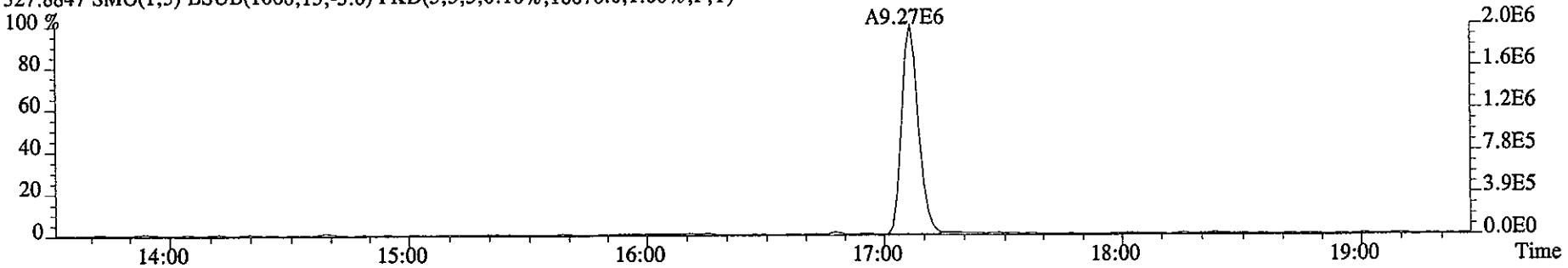
331.9368 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21872.0,1.00%,F,T)



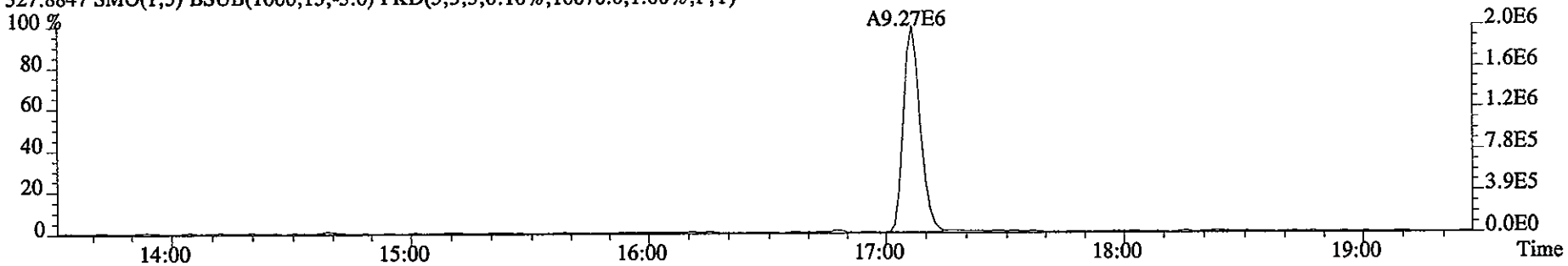
333.9339 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14092.0,1.00%,F,T)



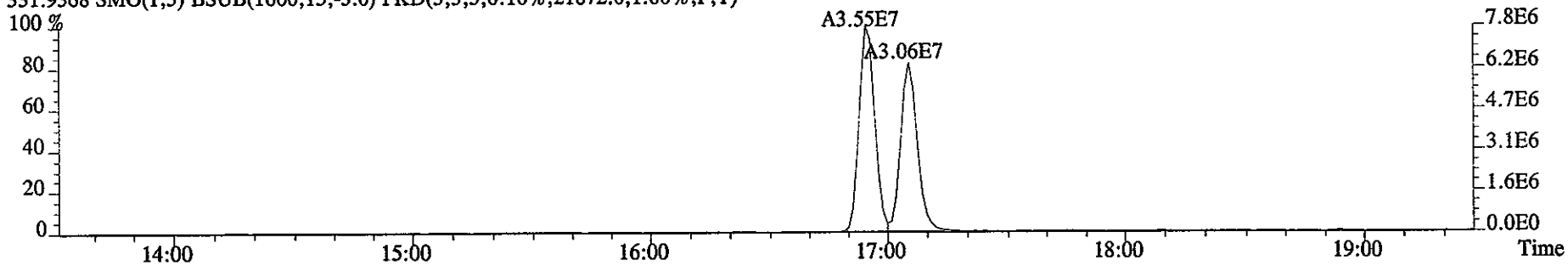
File:11JA061D5 #1-323 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
327.8847 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10076.0,1.00%,F,T)



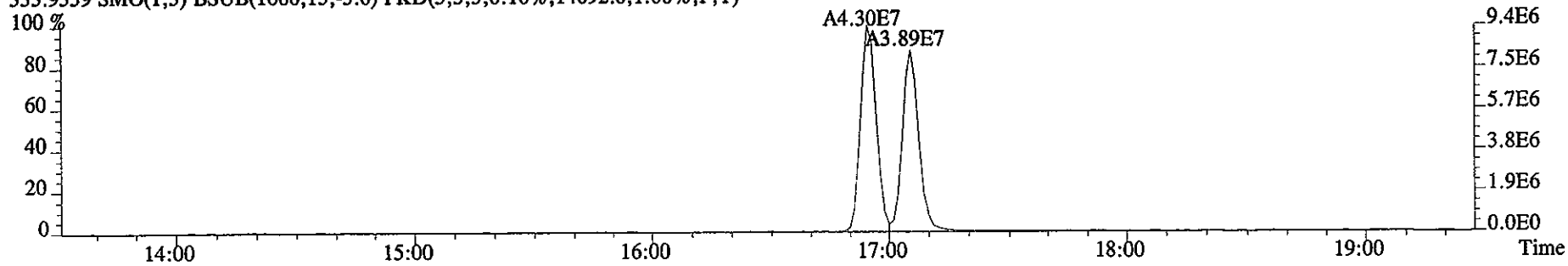
327.8847 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10076.0,1.00%,F,T)



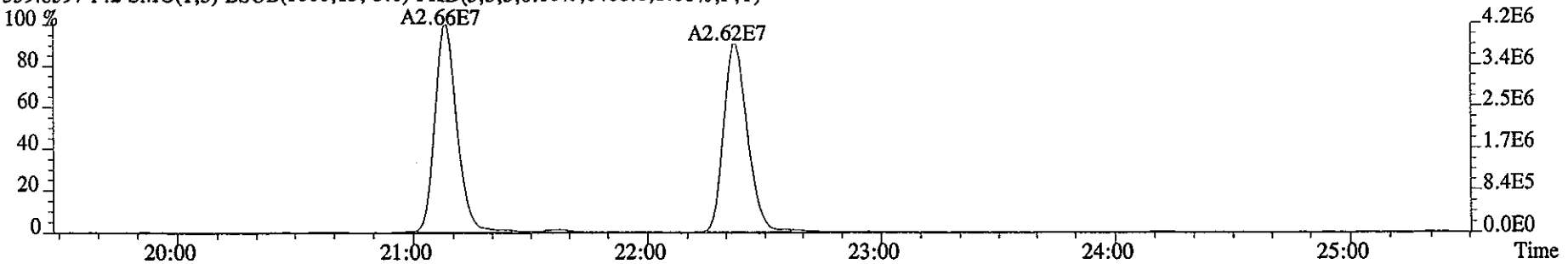
331.9368 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21872.0,1.00%,F,T)



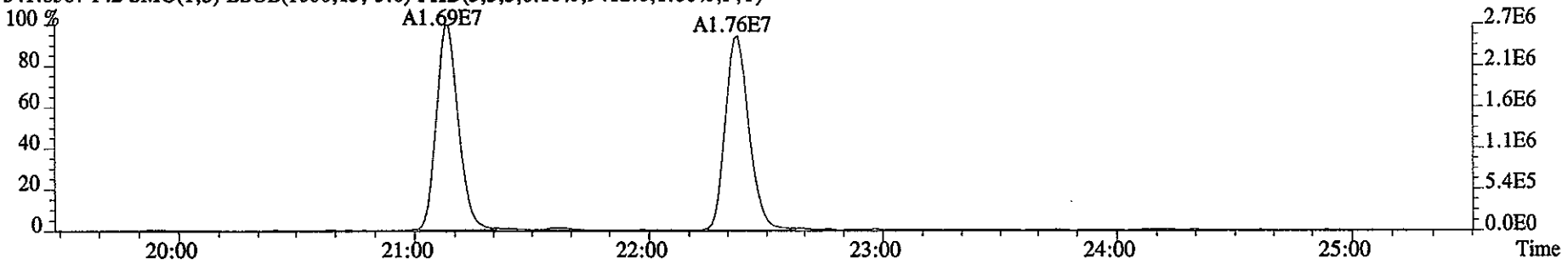
333.9339 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14092.0,1.00%,F,T)



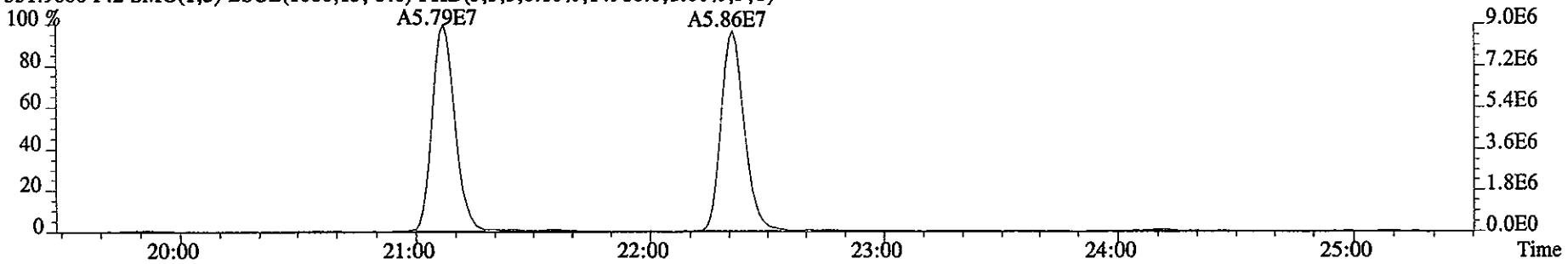
File:11JA061D5 #1-425 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
339.8597 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8468.0,1.00%,F,T)



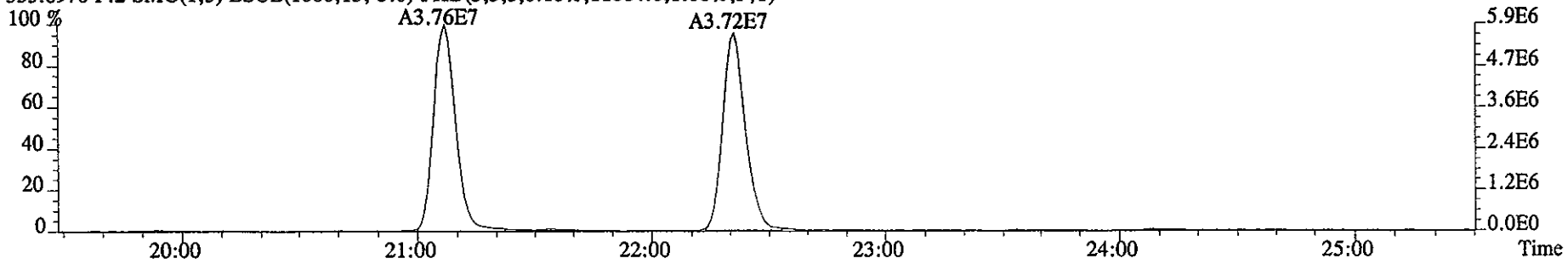
341.8567 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9412.0,1.00%,F,T)



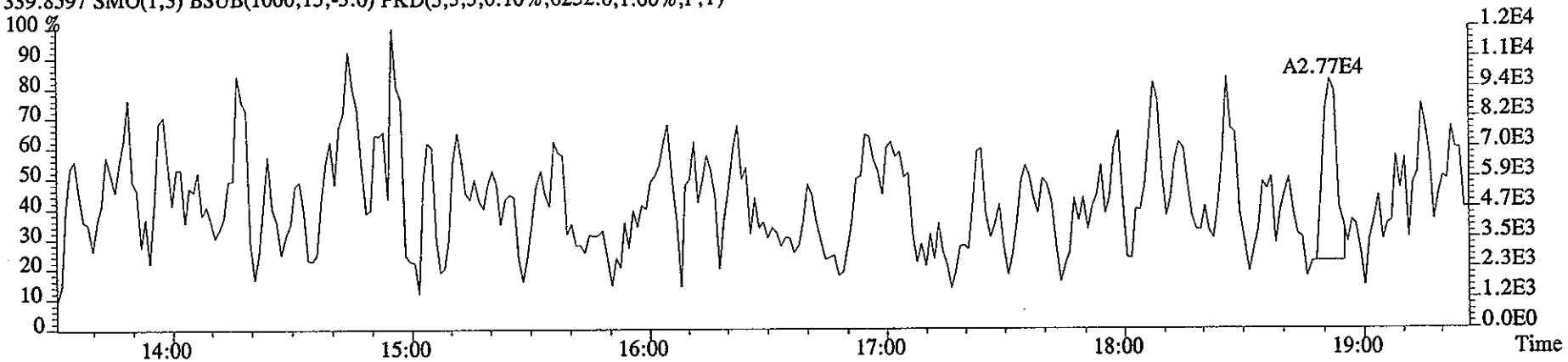
351.9000 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14916.0,1.00%,F,T)



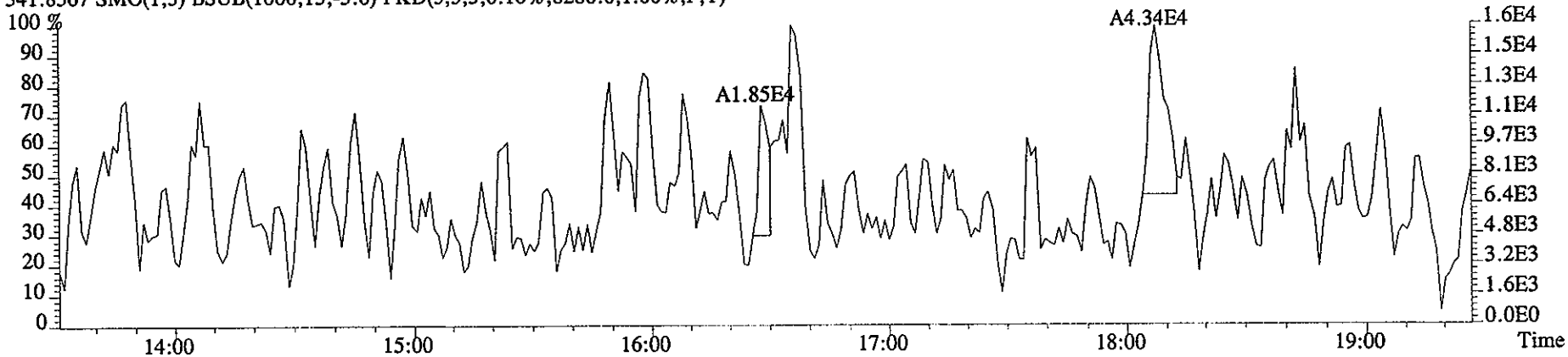
353.8970 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11064.0,1.00%,F,T)



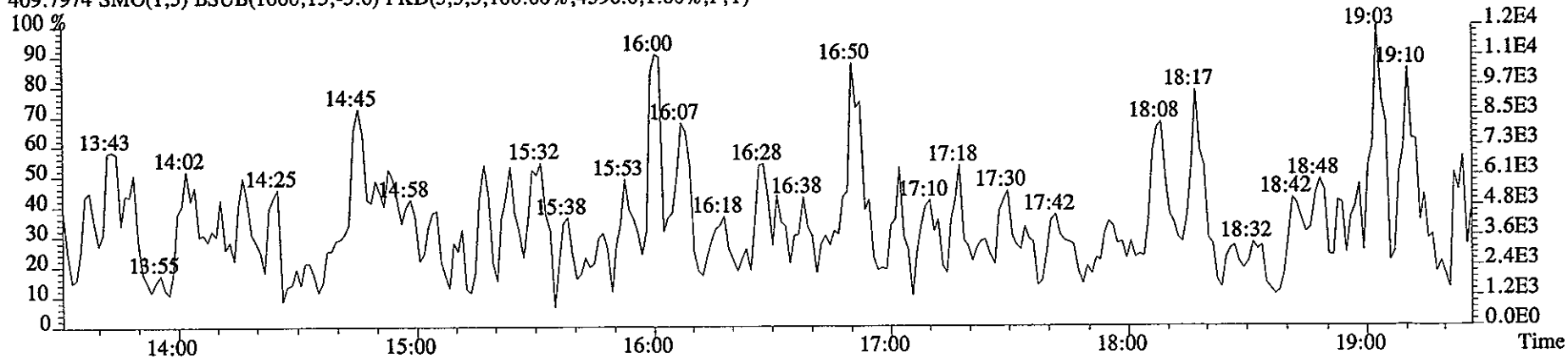
File:11JA061D5 #1-323 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
339.8597 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6252.0,1.00%,F,T)



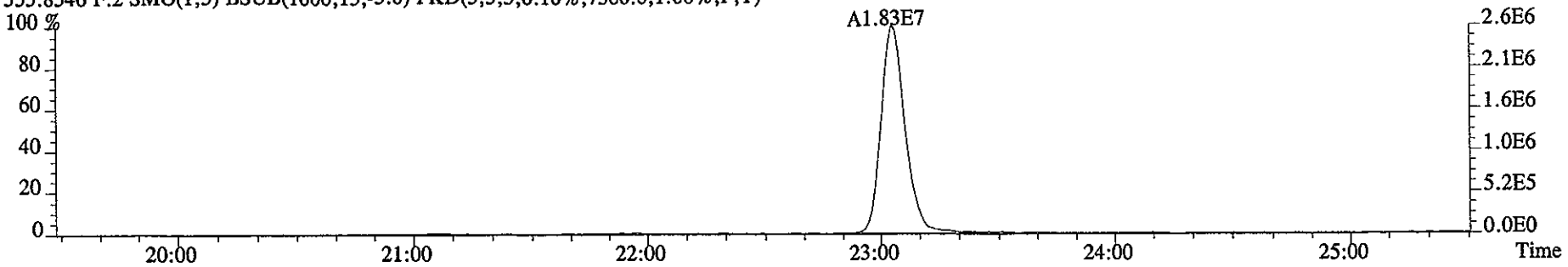
341.8567 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8280.0,1.00%,F,T)



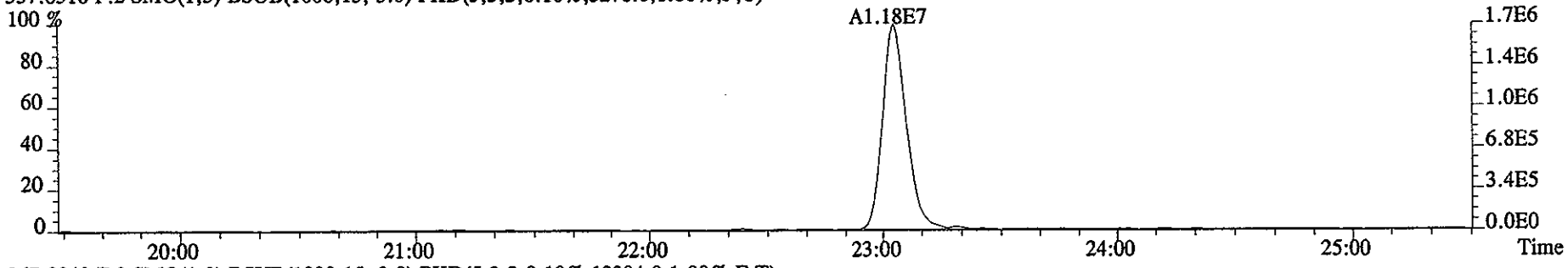
409.7974 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4596.0,1.00%,F,T)



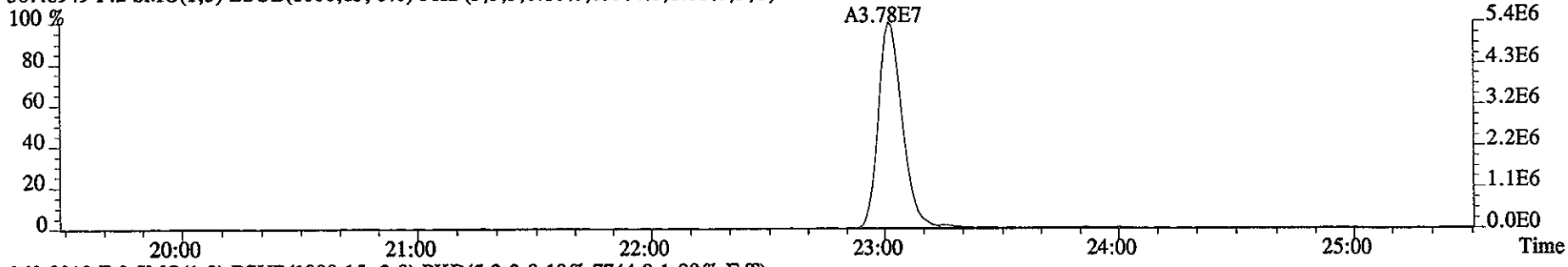
File:11JA061D5 #1-425 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
355.8546 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7580.0,1.00%,F,T)



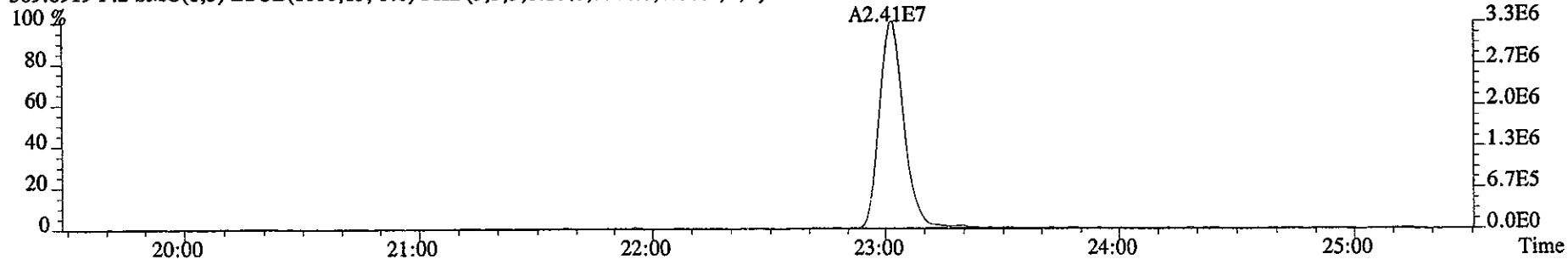
357.8516 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5276.0,1.00%,F,T)



367.8949 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13304.0,1.00%,F,T)

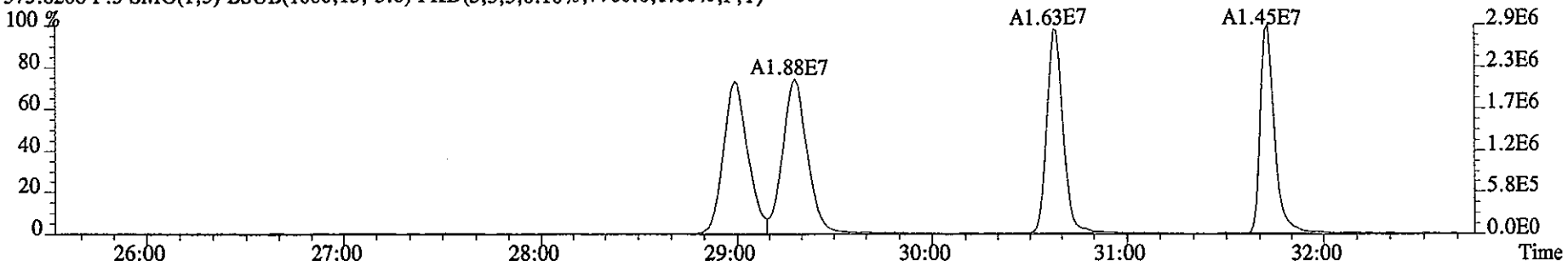


369.8919 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7744.0,1.00%,F,T)

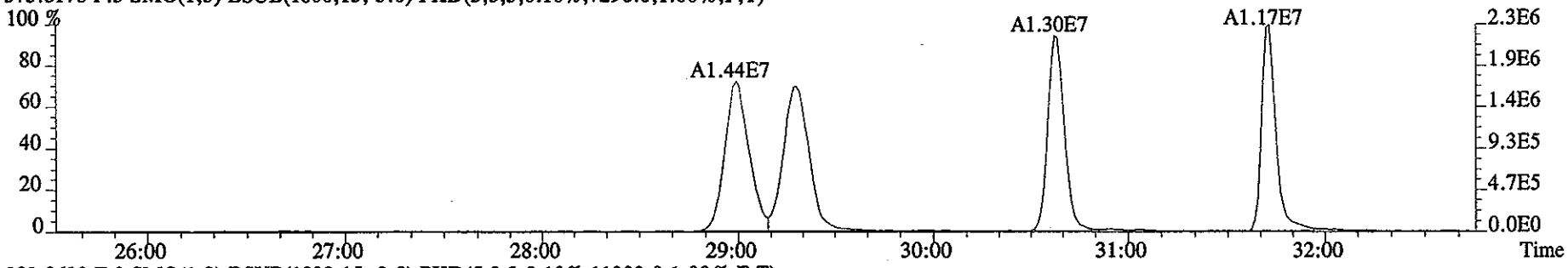


File:11JA061D5 #1-486 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN

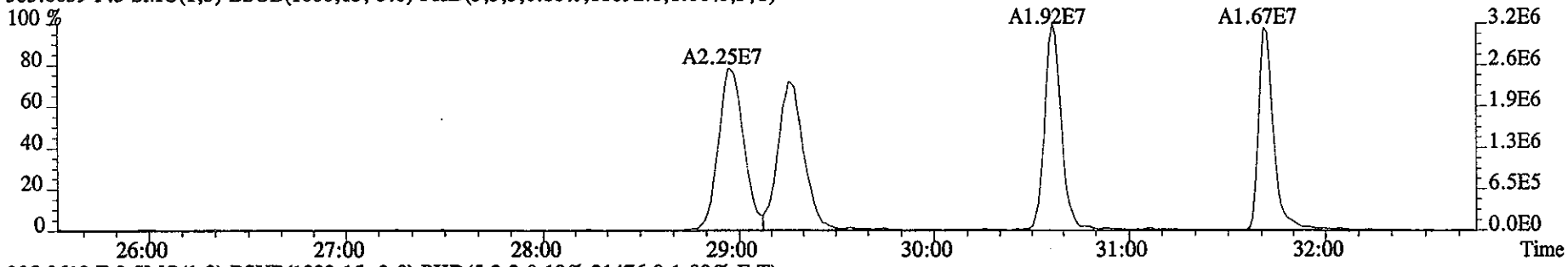
373.8208 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7760.0,1.00%,F,T)



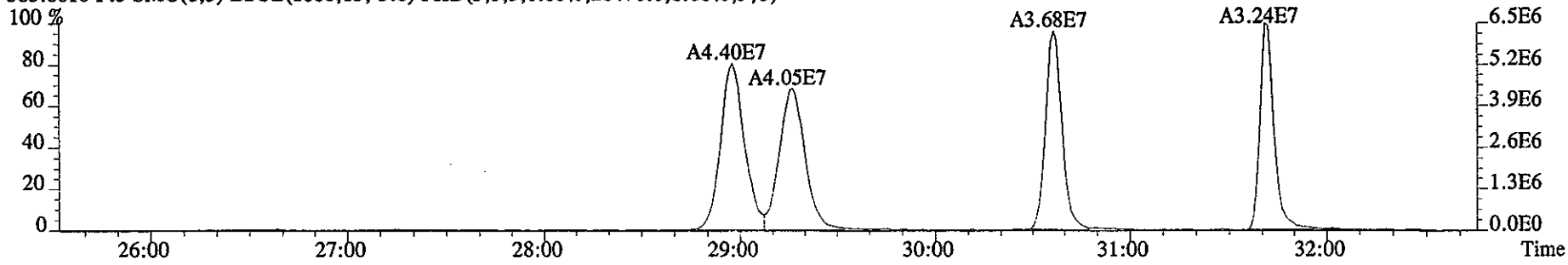
375.8178 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7296.0,1.00%,F,T)



383.8639 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11092.0,1.00%,F,T)

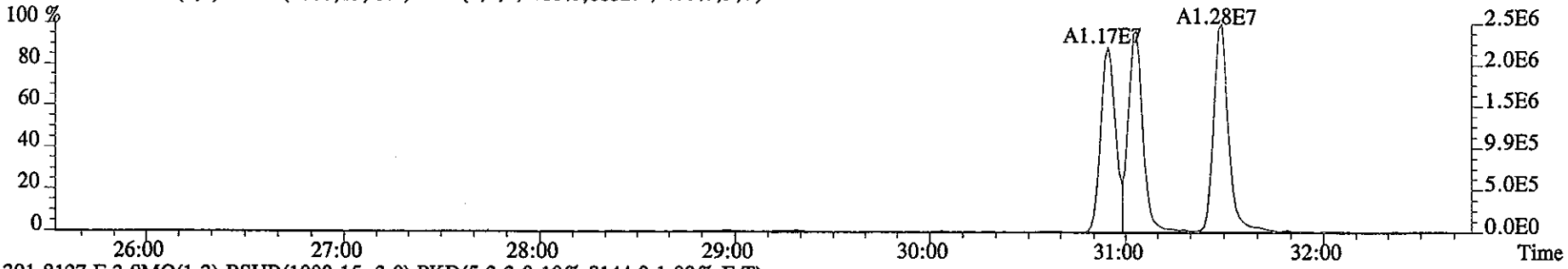


385.8610 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21476.0,1.00%,F,T)

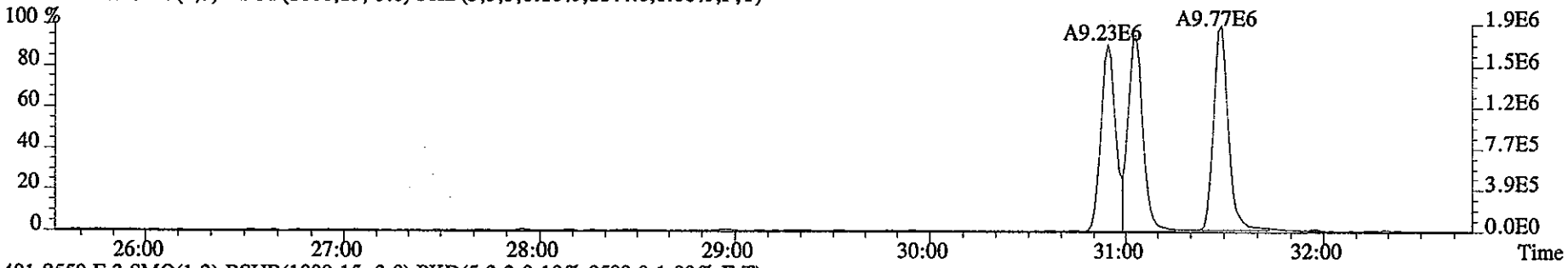


File:11JA061D5 #1-486 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN

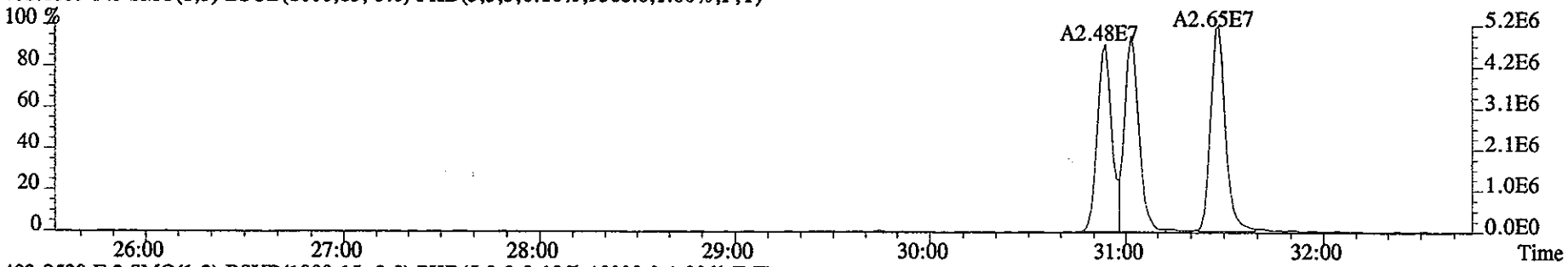
389.8157 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6832.0,1.00%,F,T)



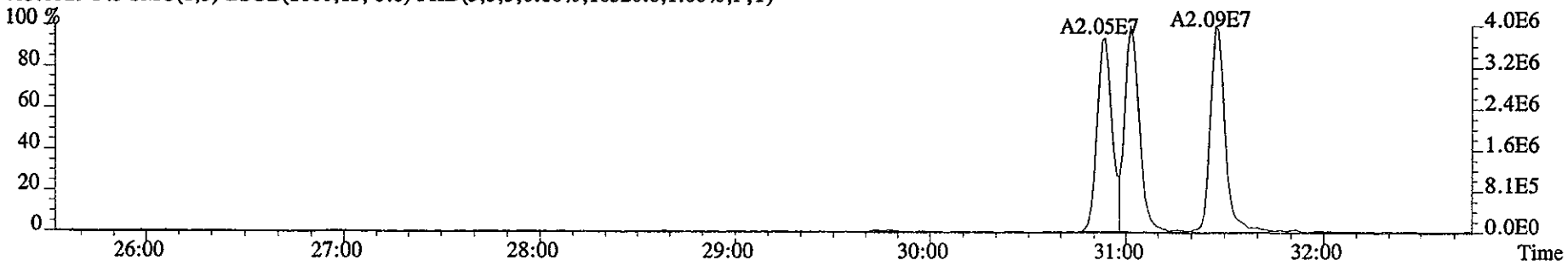
391.8127 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8144.0,1.00%,F,T)



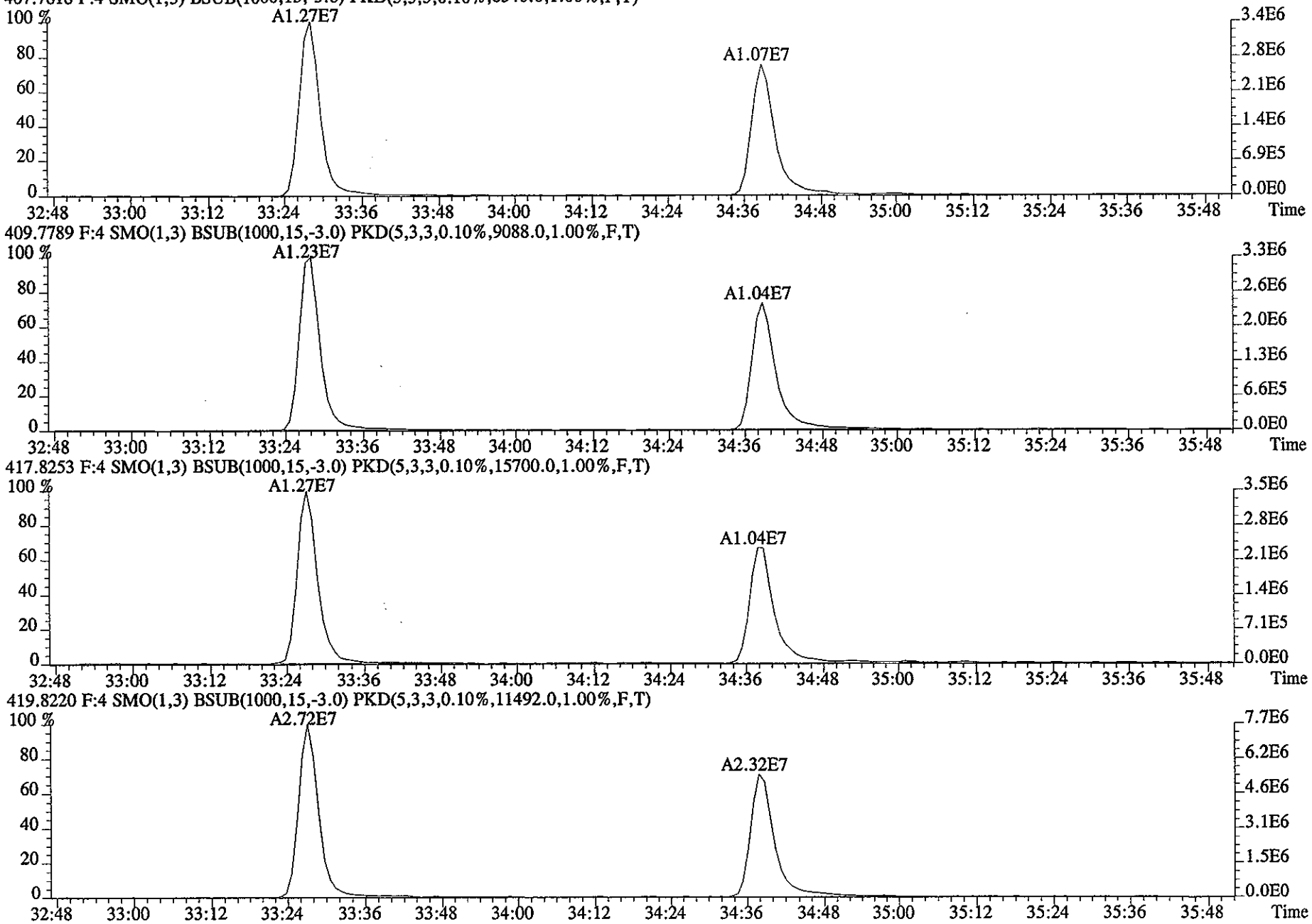
401.8559 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9588.0,1.00%,F,T)



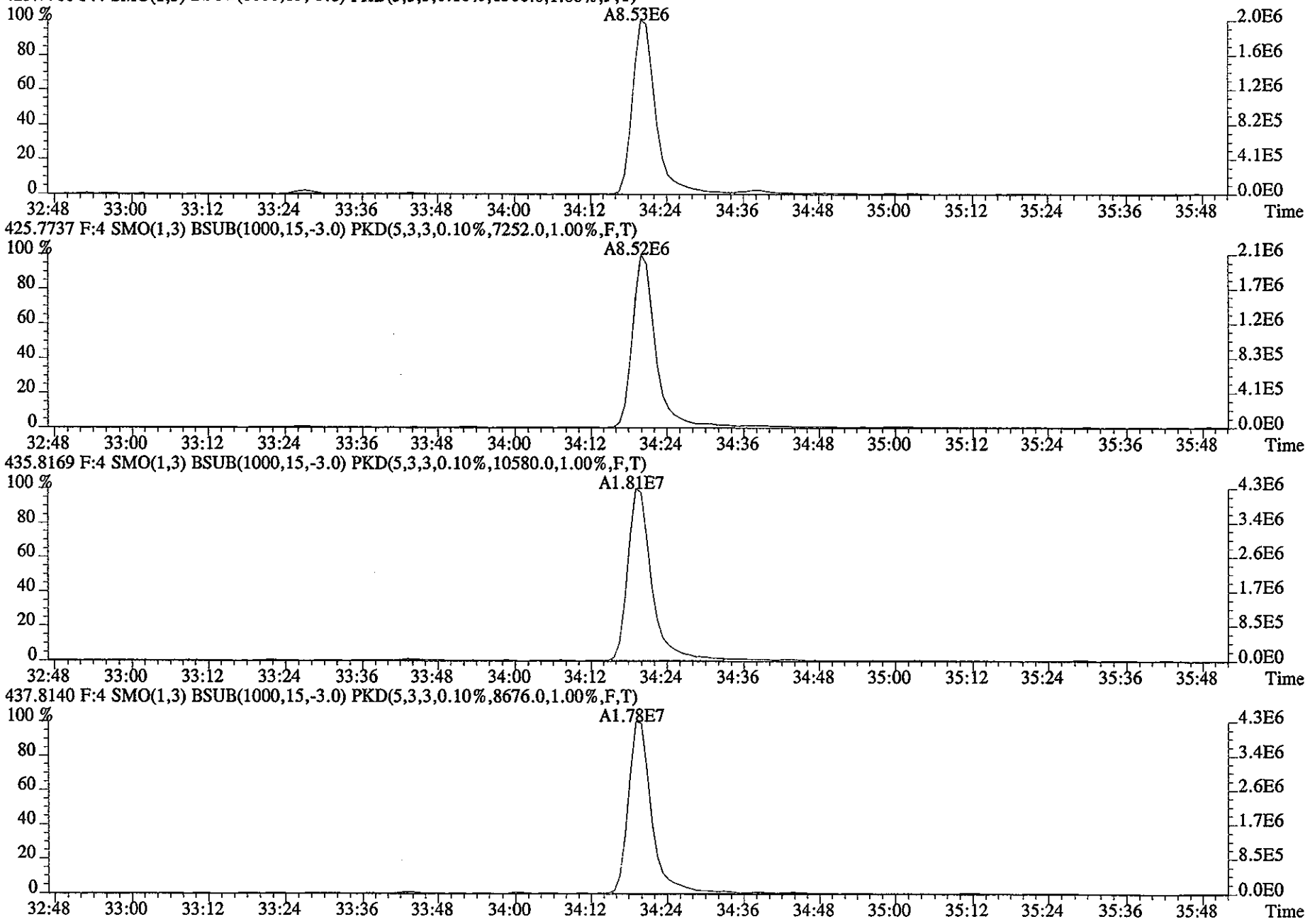
403.8529 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10320.0,1.00%,F,T)



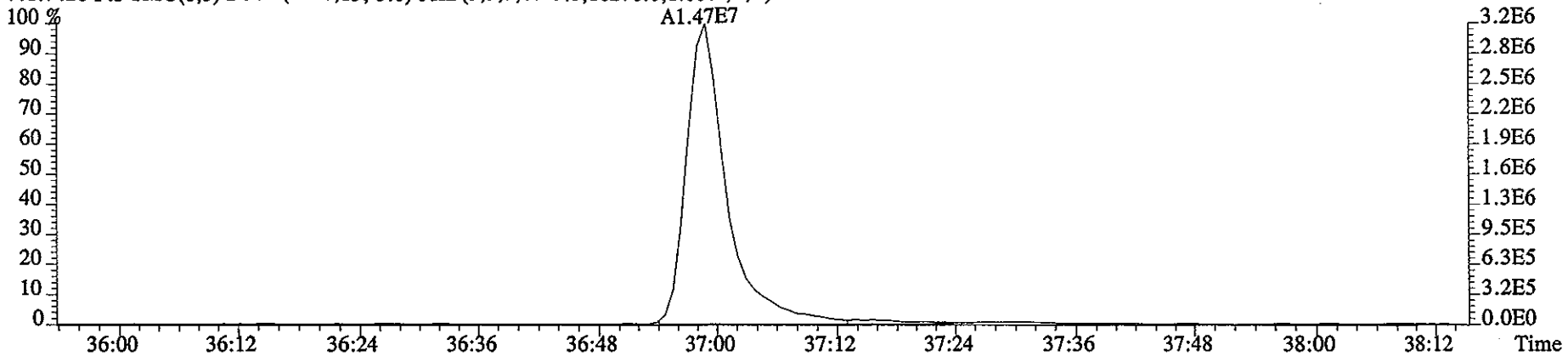
File:11JA061D5 #1-218 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN



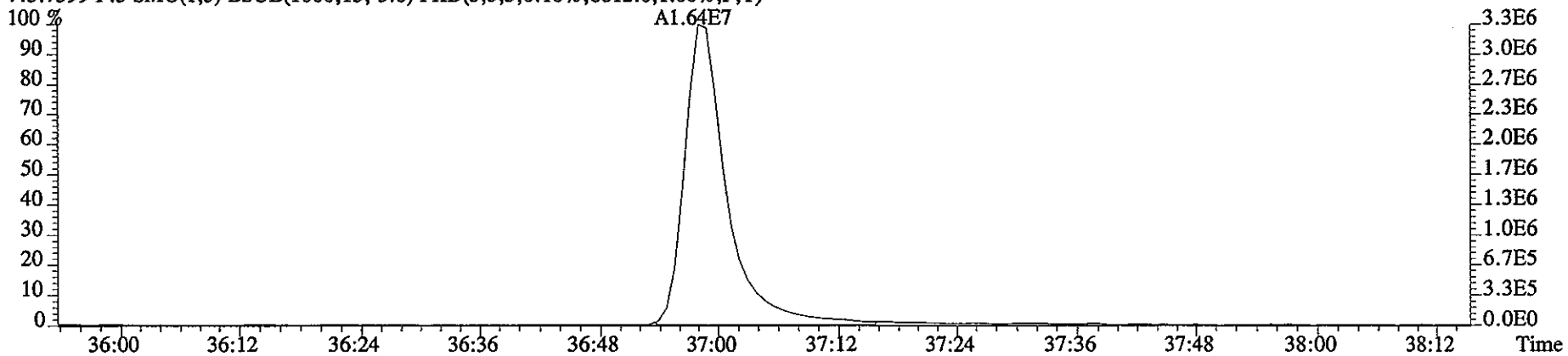
File:11JA061D5 #1-218 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN



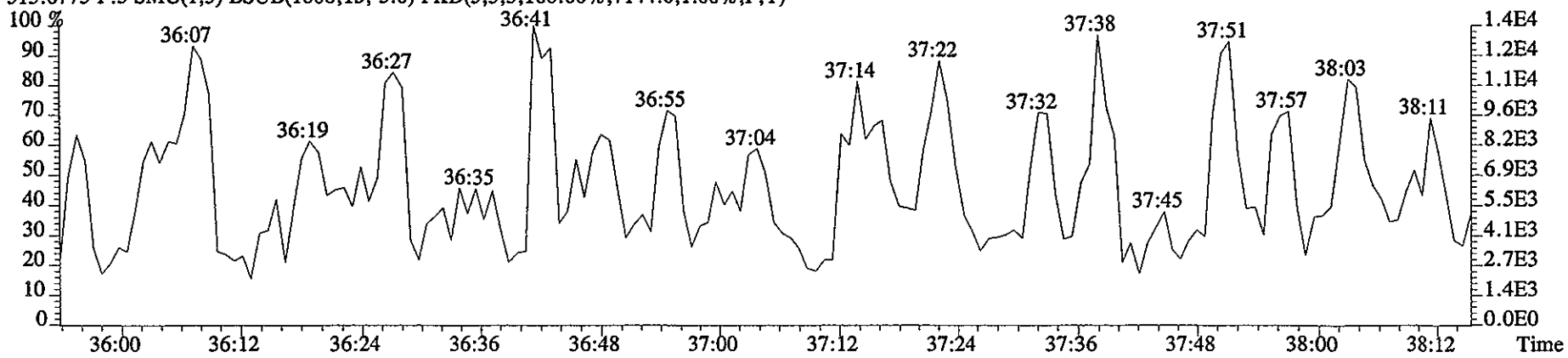
File:11JA061D5 #1-171 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
441.7428 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10276.0,1.00%,F,T)



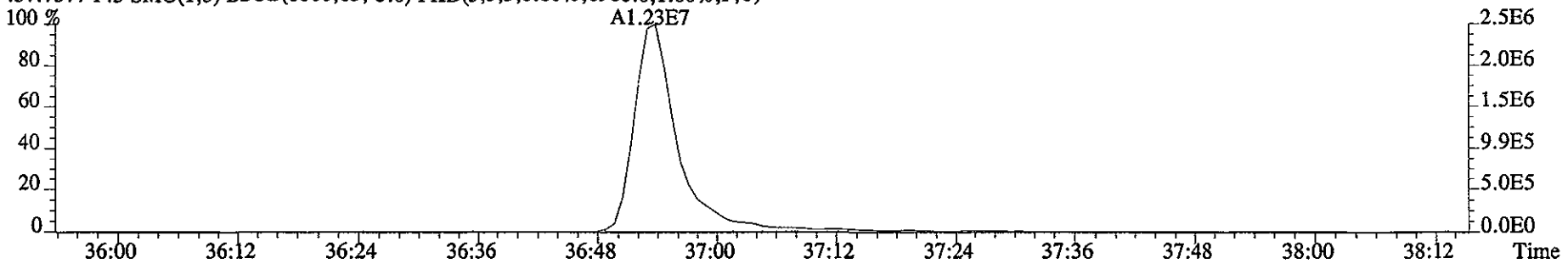
443.7399 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8812.0,1.00%,F,T)



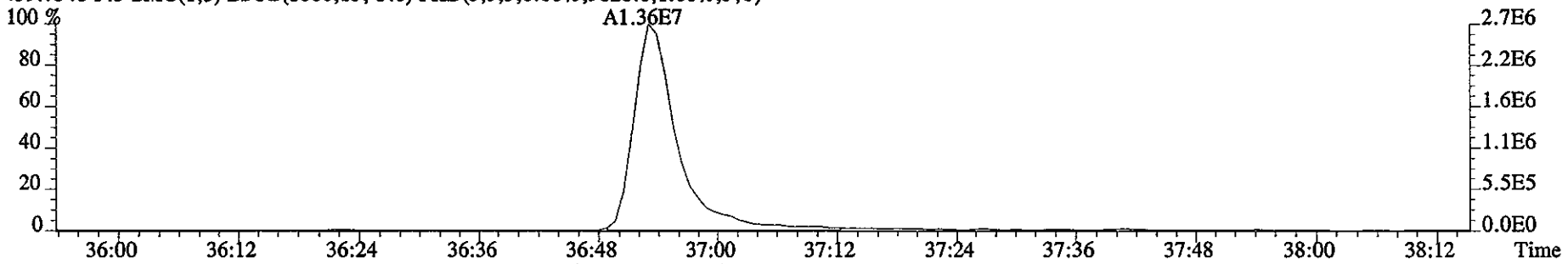
513.6775 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,7144.0,1.00%,F,T)



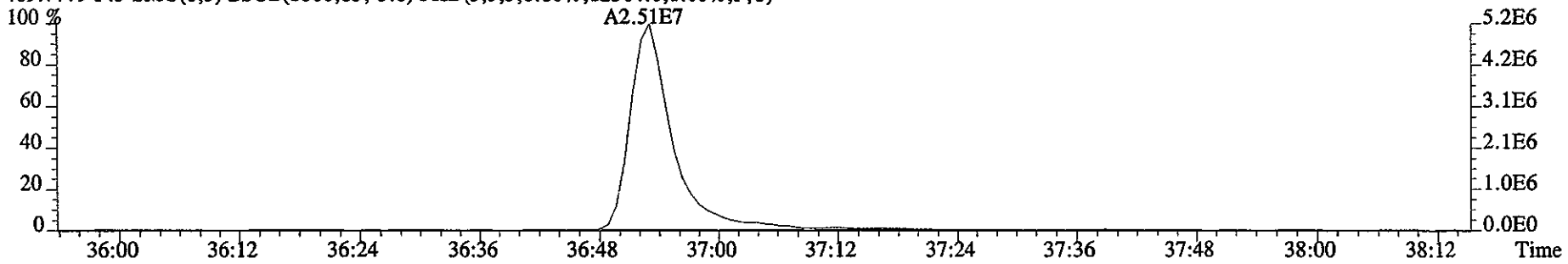
File:11JA061D5 #1-171 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
457.7377 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6960.0,1.00%,F,T)



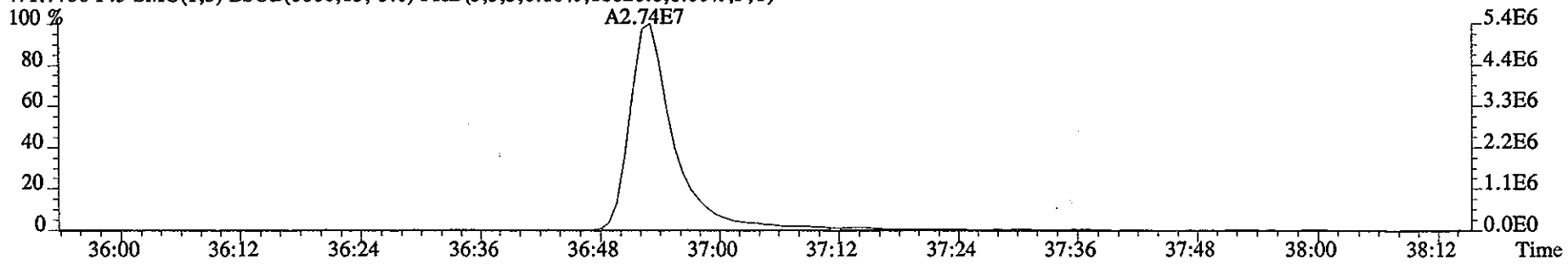
459.7348 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9828.0,1.00%,F,T)



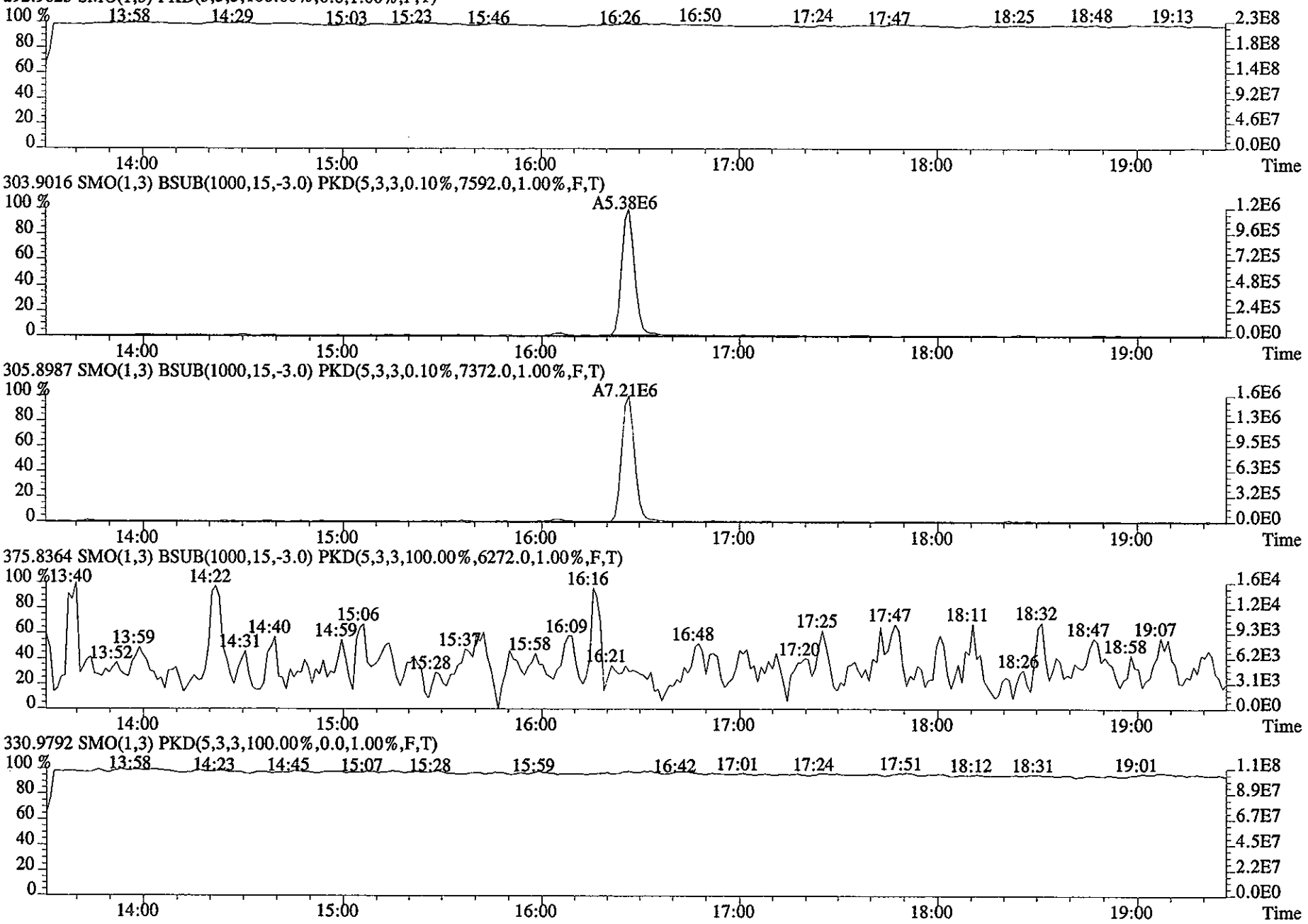
469.7779 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12364.0,1.00%,F,T)



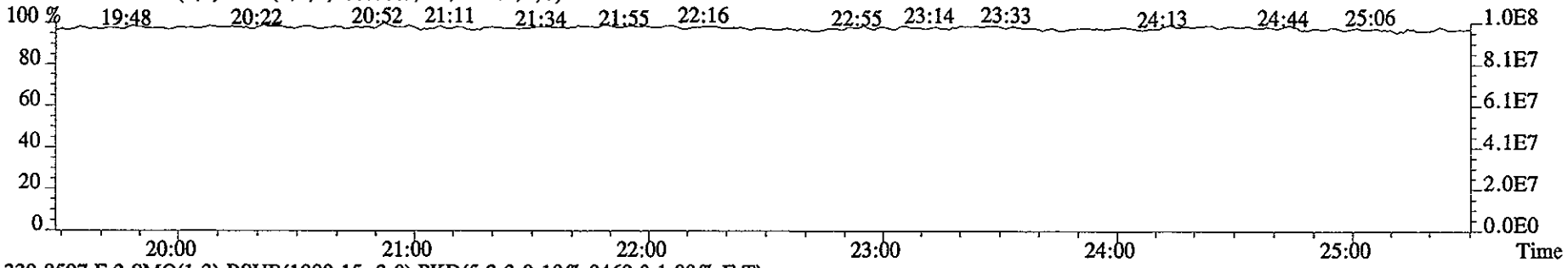
471.7750 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11020.0,1.00%,F,T)



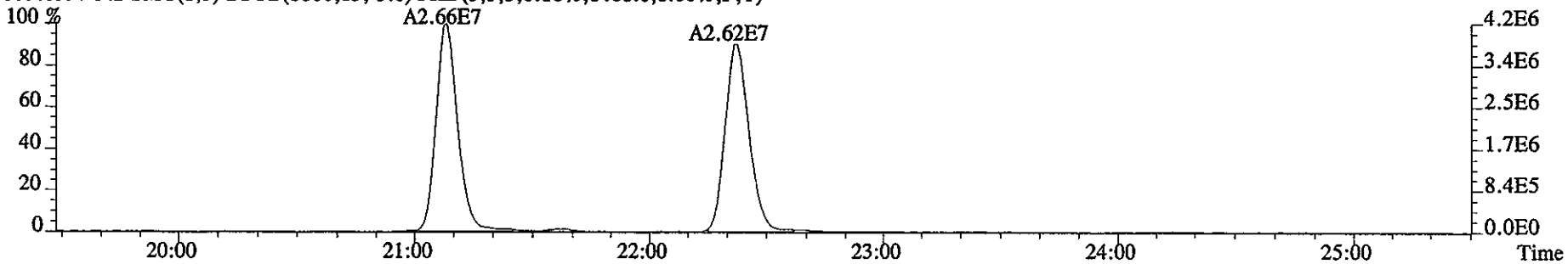
File:11JA061D5 #1-323 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN



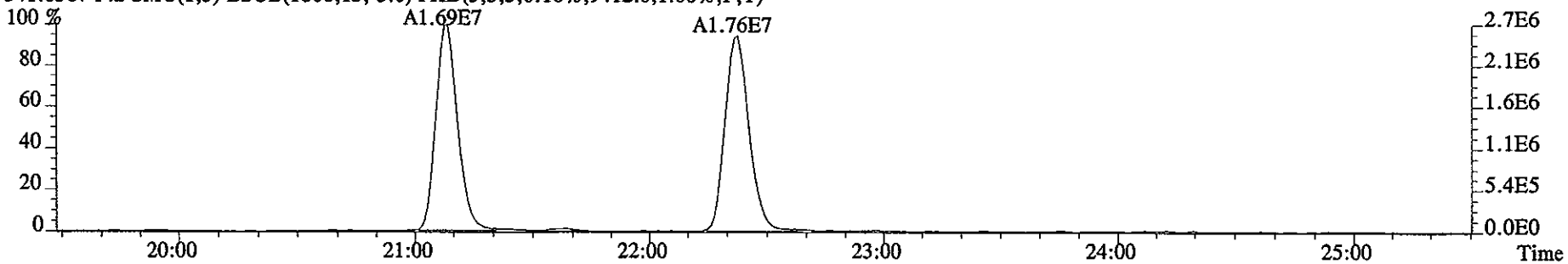
File:11JA061D5 #1-425 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
342.9792 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



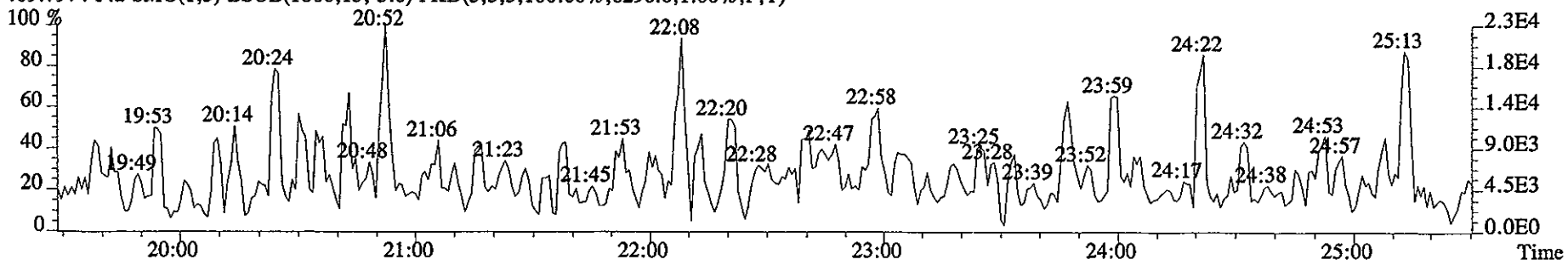
339.8597 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8468.0,1.00%,F,T)



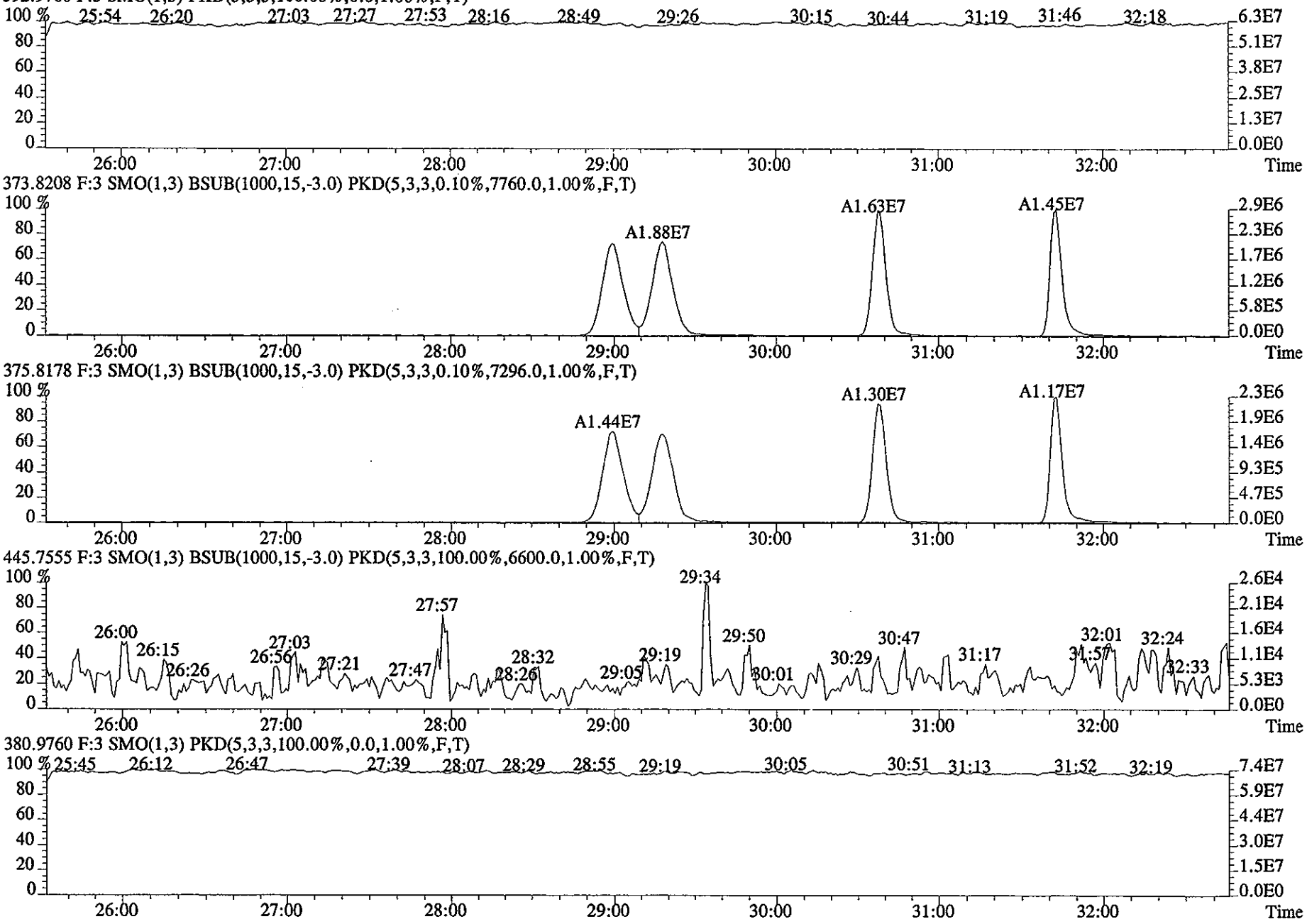
341.8567 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9412.0,1.00%,F,T)



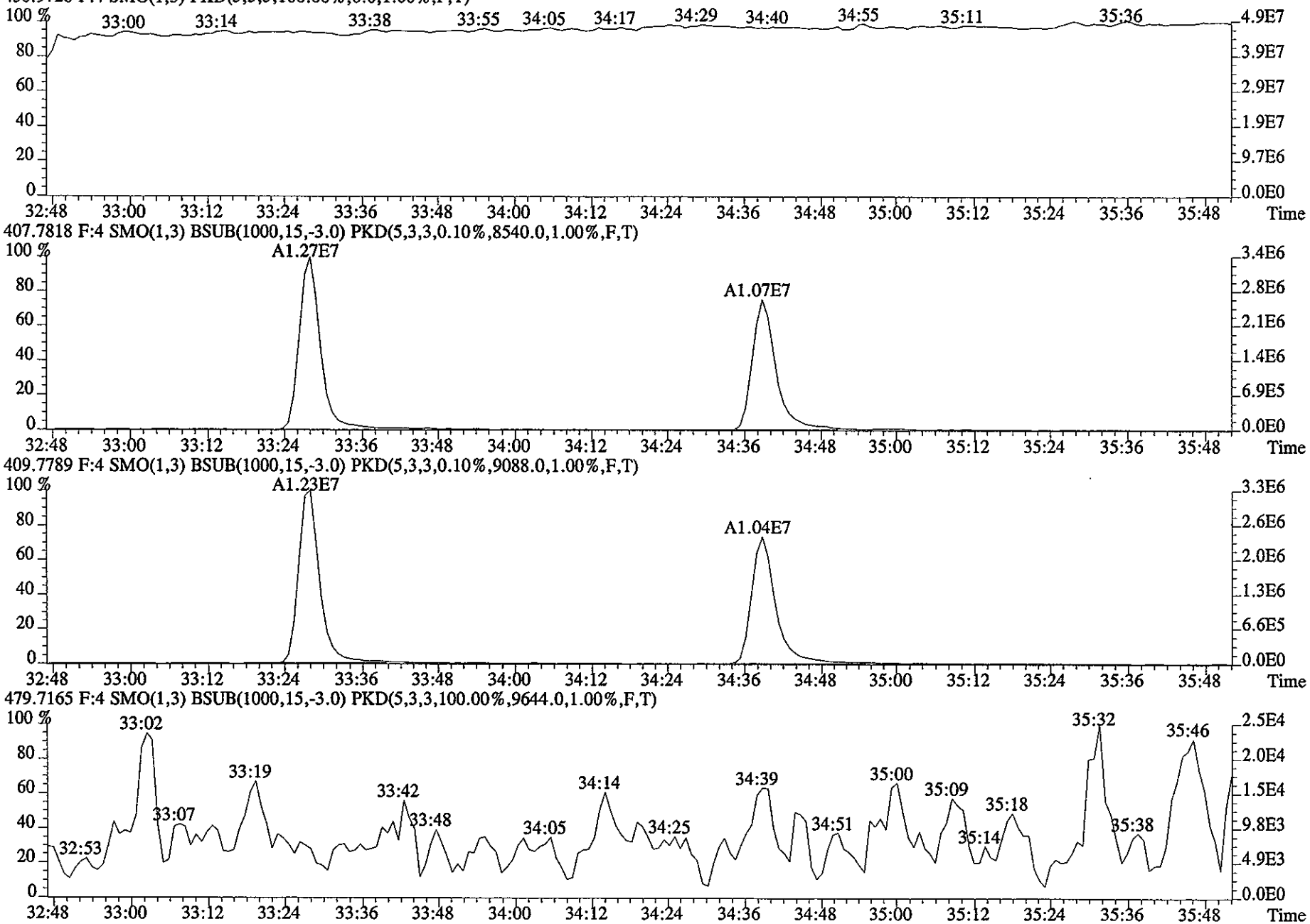
409.7974 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6296.0,1.00%,F,T)



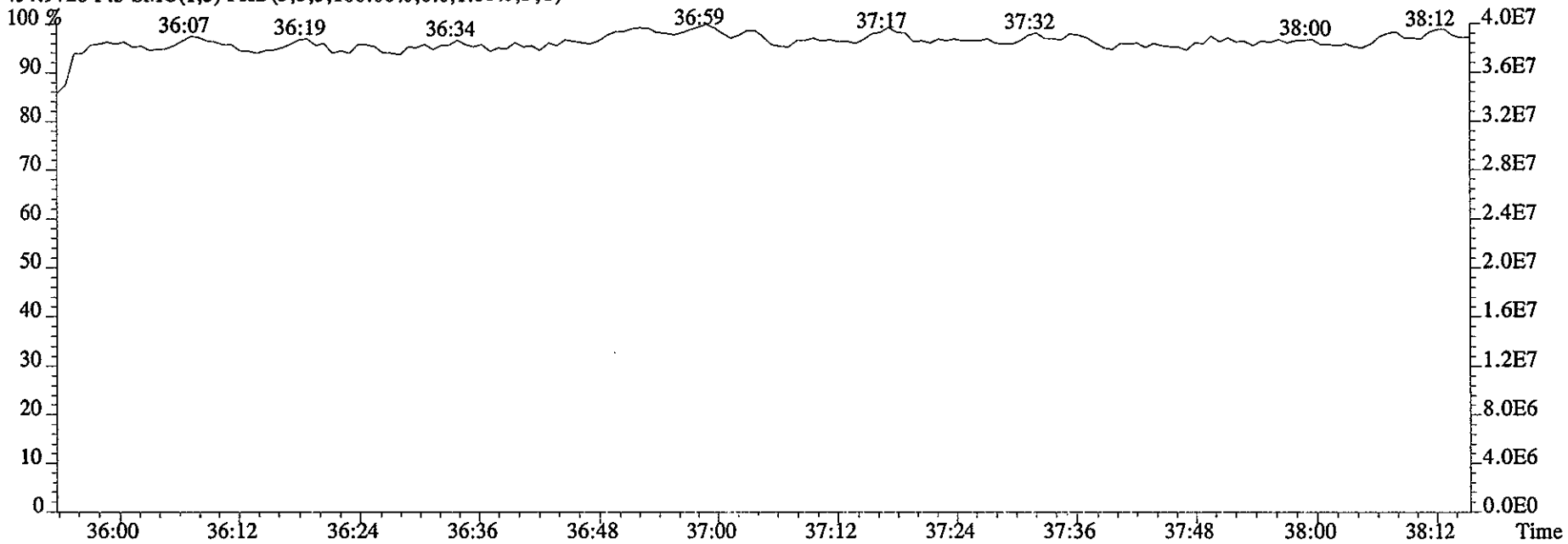
File:11JA061D5 #1-486 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN



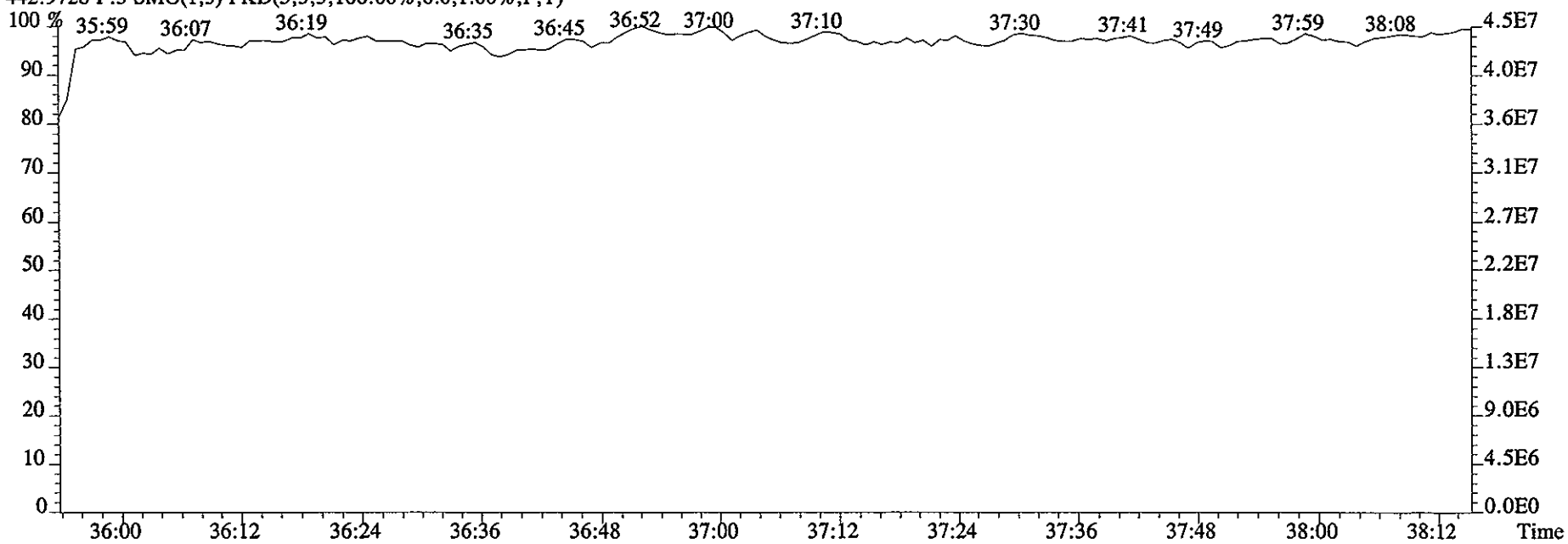
File:11JA061D5 #1-218 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN



File:11JA061D5 #1-171 Acq:11-JAN-2006 08:41:06 GC EI+ Voltage SIR 70SE
Sample#1 Text:ST0111 :CS3 2565-41C Exp:DIOXIN
454.9728 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



SEVERN TRENT STL

STL SACRAMENTO
Daily Standard Checklist
High Resolution Mass Spectrometry

Method ID 8290 **Associated ICAL** 8290120905105

Column ID DB5 **Instrument ID** 105

STD ID ST0111A, ST0111B **STD Solution** 2565-41C

Analyzed by M.G. **Date Analyzed** 1/11/06

Std. Pkg. By M.G. **Date Std. Pkg. Assembled** 1/13/06

Std. Pkg. Reviewed By JC **Date Std. Pkg. Reviewed** 01/13/06

DAILY STANDARD PACKAGE	INITIATED	REVIEWED
Standard, CPSM, and Solvent Blank present?	✓	✓
Copy of log-file and Beginning Static Resolution present?	✓	✓
CPSM blow up present?	✓	✓
Curve Summary present?	✓	✓
Summary of Method criteria present or documented below?	✓	✓
Daily standard within method specified limits?*	✓	✓
Analyte retention times correct?	✓	✓
Isotopic ratios within limits?	✓	✓
CPSM valley ≤ method specified limits?**	✓	✓
Are chromatographic windows correct?	✓	✓
Samples analyzed within 12 hrs of daily standard?	✓	
Manual reintegration's checked and hardcopies included?	NA	NA
Ending Standard and Ending Static Resolutions present?	✓	✓

COMMENTS:

* Method 8290: (beginning) +/- 20% from curve RRFs for native analytes, +/- 30% from curve RRFs for labeled compounds.
Method 8290: (ending) +/- 25% from curve RRFs for native analytes, +/- 35% from curve RRFs for labeled compounds.
Method 8290 (GB): +/- 30% from curve RRFs for native analytes.
Method 23: See Method 23 Daily Standard Criteria, Table 5.
Method 1613A/1613B: See Method 1613A, Method 1613B or Method 1613B Tetras Daily Standard Criteria,
PAH: +/- 30% from curve RRFs for native and labeled compounds.
PCB: +/- 30% or 40% (analyte dependent) from curve RRFs for native, +/- 50% from curve RRFs for labeled compounds.
NCASI 551: +/-20% from curve RRFs for native and labeled compounds.
DBD/DBF: +/-30% from curve RRFs for native analytes; +/- 40% from curve RRFs for labeled compounds.

** Method 23 CPSM Criteria: 25% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and the closest eluters normalized at the smallest peak height of the three peaks (with the 2378 peak being the middle peak).
551/1613A/1613B/8290 CPSM Criteria: 25% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and its closest eluters normalized to the 2378 peak.
GB CPSM Criteria: 30% valley between 2378 TCDF (DB-225)/TCDD (DB-5) and its closest eluters normalized to the 2378 peak.

QA-231 TSJ 04/02

Run text: ST0111A
Run #7 Filename 11JA061D5 S: 2
Acquired: 11-JAN-06 09:22:44
Run: 11JA061D5 Analyte: 8290

File text: ST0111A :CS3 2565-41C
I: 1
Processed: 11-JAN-06 15:26:16
Cal: 82901209051D5 Results: 11JA061D58290

Name	Resp	RA	RT	RRF	Amount	Dev'n	Mod?
13C-1,2,3,4-TCDD	87790800	0.82 y	16:52	-	100.00	-	n
13C-2,3,7,8-TCDF	144177600	0.78 y	16:23	1.64	100.00	-2.4	n
2,3,7,8-TCDF	13986210	0.76 y	16:24	0.97	10.00	-16.6	n
Total TCDF	14274832	0.84 y	16:02	0.97	10.00	-16.6	n
13C-2,3,7,8-TCDD	80639400	0.80 y	17:03	0.92	100.00	2.5	n
2,3,7,8-TCDD	10518670	0.80 y	17:04	1.30	10.00	-1.4	n
Total TCDD	10651120	4.26 n	16:24	1.30	10.00	-1.4	n
37Cl-2,3,7,8-TCDD	20871800	1.00 y	17:04	2.38	10.00	-2.7	n
13C-1,2,3,7,8-PeCDF	117321500	1.59 y	21:02	1.34	100.00	-13.5	n
1,2,3,7,8-PeCDF	53229200	1.60 y	21:04	0.91	50.00	-9.7	n
2,3,4,7,8-PeCDF	54918400	1.59 y	22:17	0.94	50.00	-10.7	n
Total F2 PeCDF	109019236	2.05 n	19:49	0.92	100.00	-10.2	n
Total F1 PeCDF	*	* n	NotFnd	0.92	100.00	-10.2	n
13C-1,2,3,7,8-PeCDD	79933600	1.60 y	22:57	0.91	100.00	-0.4	n
1,2,3,7,8-PeCDD	38579600	1.57 y	22:58	0.97	50.00	-7.5	n
Total PeCDD	38579600	1.57 y	22:58	0.97	50.00	-7.5	n
13C-1,2,3,7,8,9-HxCDD	69870800	1.27 y	31:26	-	100.00	-	n
13C-1,2,3,4,7,8-HxCDF	90924800	0.52 y	28:53	1.30	100.00	-5.9	n
1,2,3,4,7,8-HxCDF	44955500	1.24 y	28:55	0.99	50.00	-11.0	n
1,2,3,6,7,8-HxCDF	47716800	1.23 y	29:13	1.05	50.00	-7.9	n
2,3,4,6,7,8-HxCDF	42077600	1.25 y	30:36	0.93	50.00	-13.0	n
1,2,3,7,8,9-HxCDF	38750000	1.21 y	31:41	0.85	50.00	-16.3	n
Total HxCDF	173499900	1.24 y	28:55	0.95	200.00	-11.9	n
13C-1,2,3,6,7,8-HxCDD	70757400	1.27 y	31:00	1.01	100.00	5.7	n
1,2,3,4,7,8-HxCDD	30597800	1.26 y	30:52	0.86	50.00	-9.3	n
1,2,3,6,7,8-HxCDD	33046600	1.27 y	31:01	0.93	50.00	-6.7	n
1,2,3,7,8,9-HxCDD	33297800	1.30 y	31:27	0.94	50.00	-9.8	n
Total HxCDD	96942200	1.26 y	30:52	0.91	150.00	-8.6	n
13C-1,2,3,4,6,7,8-HpCDF	62422000	0.45 y	33:26	0.89	100.00	-20.9	n
1,2,3,4,6,7,8-HpCDF	39258400	1.03 y	33:27	1.26	50.00	-4.0	n
1,2,3,4,7,8,9-HpCDF	35169100	1.04 y	34:38	1.13	50.00	-5.4	n
Total HpCDF	74427500	1.03 y	33:27	1.19	100.00	-4.7	n
13C-1,2,3,4,6,7,8-HpCDD	58702400	1.06 y	34:19	0.84	100.00	-15.8	n
1,2,3,4,6,7,8-HpCDD	28054800	1.01 y	34:20	0.96	50.00	0.8	n
Total HpCDD	28538312	3.51 n	33:25	0.96	50.00	0.8	n
13C-OCDD	94311900	0.92 y	36:52	0.67	200.00	-16.6	n
OCDF	55664400	0.91 y	36:58	1.18	100.00	-10.5	n
OCDD	45922500	0.89 y	36:53	0.97	100.00	-3.1	n

Run text: ST0111B File text: ST0111B :CS3 2565-41C
Run #16 Filename 11JA061D5 S: 22 I: 1
Acquired: 11-JAN-06 23:18:51 Processed: 12-JAN-06 08:09:30
Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5 Results: 11JA061D58290

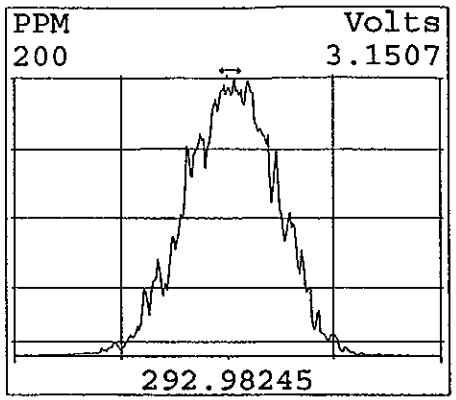
Name	Resp	RA		RT	RRF	Amount	Dev'n	Mod?
13C-1,2,3,4-TCDD	89613700	0.80	y	16:56	-	100.00	-	n
13C-2,3,7,8-TCDF	141667200	0.80	y	16:28	1.58	100.00	-6.1	n
2,3,7,8-TCDF	14095210	0.74	y	16:29	0.99	10.00	-14.4	n
Total TCDF	14406267	0.75	y	16:08	0.99	10.00	-14.4	n
13C-2,3,7,8-TCDD	80167500	0.81	y	17:07	0.89	100.00	-0.2	n
2,3,7,8-TCDD	10847980	0.75	y	17:09	1.35	10.00	2.3	n
Total TCDD	10847980	0.75	y	17:09	1.35	10.00	2.3	n
37Cl-2,3,7,8-TCDD	20948400	1.00	y	17:09	2.34	10.00	-4.4	n
13C-1,2,3,7,8-PeCDF	116464900	1.60	y	21:05	1.30	100.00	-15.9	n
1,2,3,7,8-PeCDF	54830700	1.54	y	21:07	0.94	50.00	-6.2	n
2,3,4,7,8-PeCDF	55941100	1.52	y	22:20	0.96	50.00	-8.4	n
Total F2 PeCDF	112380085	2.52	n	19:52	0.95	100.00	-7.3	n
Total F1 PeCDF	210187	1.61	y	14:47	0.95	100.00	-7.3	n
13C-1,2,3,7,8-PeCDD	77379600	1.56	y	22:58	0.86	100.00	-5.5	n
1,2,3,7,8-PeCDD	37868900	1.57	y	23:00	0.98	50.00	-6.2	n
Total PeCDD	38043534	1.57	y	23:00	0.98	50.00	-6.2	n
13C-1,2,3,7,8,9-HxCDD	63594000	1.27	y	31:26	-	100.00	-	n
13C-1,2,3,4,7,8-HxCDF	88837500	0.51	y	28:54	1.40	100.00	1.0	n
1,2,3,4,7,8-HxCDF	43322700	1.24	y	28:55	0.98	50.00	-12.2	n
1,2,3,6,7,8-HxCDF	44834600	1.22	y	29:14	1.01	50.00	-11.5	n
2,3,4,6,7,8-HxCDF	39623500	1.21	y	30:35	0.89	50.00	-16.2	n
1,2,3,7,8,9-HxCDF	36067600	1.26	y	31:41	0.81	50.00	-20.3	n
Total HxCDF	163848400	1.24	y	28:55	0.92	200.00	-14.9	n
13C-1,2,3,6,7,8-HxCDD	63318100	1.21	y	31:00	1.00	100.00	4.0	n
1,2,3,4,7,8-HxCDD	29393200	1.31	y	30:52	0.93	50.00	-2.7	n
1,2,3,6,7,8-HxCDD	29956900	1.25	y	31:01	0.95	50.00	-5.5	n
1,2,3,7,8,9-HxCDD	31614100	1.24	y	31:27	1.00	50.00	-4.3	n
Total HxCDD	90964200	1.31	y	30:52	0.96	150.00	-4.2	n
13C-1,2,3,4,6,7,8-HpCDF	57714900	0.47	y	33:26	0.91	100.00	-19.6	n
1,2,3,4,6,7,8-HpCDF	36216400	1.04	y	33:27	1.26	50.00	-4.2	n
1,2,3,4,7,8,9-HpCDF	31942600	1.05	y	34:38	1.11	50.00	-7.0	n
Total HpCDF	68159000	1.04	y	33:27	1.18	100.00	-5.6	n
13C-1,2,3,4,6,7,8-HpCDD	55617000	1.05	y	34:19	0.87	100.00	-12.4	n
1,2,3,4,6,7,8-HpCDD	25802600	1.01	y	34:20	0.93	50.00	-2.2	n
Total HpCDD	26297387	2.88	n	33:26	0.93	50.00	-2.2	n
13C-OCDD	79225800	0.94	y	36:52	0.62	200.00	-23.0	n
OCDF	46133800	0.90	y	36:58	1.16	100.00	-11.7	n
OCDD	38461800	0.91	y	36:53	0.97	100.00	-3.4	n

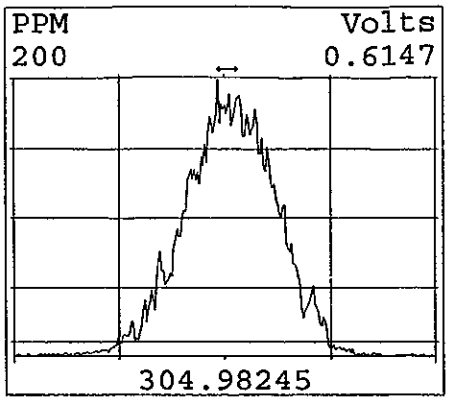
Data file	Smp	Work Order	Sample ID	FV-uL	Method/Matrix	Box	Size	U
11JA061D5	1	ST0111	CS3 2565-41C				1.000	
11JA061D5	2	ST0111A	CS3 2565-41C				1.000	
11JA061D5	3	CP0111	DB-5 CPSM 2565-47				1.000	
11JA061D5	4	SB0111	Solvent Blank C-14				1.000	
11JA061D5	5	HR66J-2-AA	C5L150252-5RX	20	8290/WATER	26	0.961	L
11JA061D5	6	HR66J-1-AE	C5L150252-5S	20	8290/WATER		0.966	L
11JA061D5	7	HR66J-1-AF	C5L150252-5D	20	8290/WATER		1.024	L
11JA061D5	8	HVEGW-1-AC	G6A050000-208C	10	TO-9/AIR	22	0.500	Sam
11JA061D5	9	HVEGW-1-AD	G6A050000-208L	10	TO-9/AIR		0.500	Sam
11JA061D5	10	HVEGW-1-AA	G6A050000-208B	10	TO-9/AIR		0.500	Sam
11JA061D5	11	HT2GK-1-AC	G5L310130-3	10	TO-9/AIR		0.500	Sam
11JA061D5	12	HT2GL-1-AC	G5L310130-4	10	TO-9/AIR		0.500	Sam
11JA061D5	13	HT1WM-1-AA	G5L300272-7	20	8290/WATER	26	0.999	L
11JA061D5	14	HT1W0-1-AA	G5L300272-13	20	8290/WATER		1.022	L
11JA061D5	15	HT6FP-1-AA	G6A050263-1	20	8290/SOLID		10.000	g
11JA061D5	16	HT6FP-1-AD	G6A050263-1S	20	8290/SOLID		10.000	g
11JA061D5	17	HT6FP-1-AE	G6A050263-1D	20	8290/SOLID		10.000	g
11JA061D5	18	HTTP4-1-AC	(5x)G5L270154-2	20	1613B/SOLID		10.000	g
11JA061D5	19	SB0111A	Solvent Blank C-14				1.000	
11JA061D5	20	I.S. QC	011006IS-1QC	20	1613B/8290	QC41	1.000	SAMP
11JA061D5	21	CP0111A	DB-5 CPSM 2565-47				1.000	
11JA061D5	22	ST0111B	CS3 2565-41C				1.000	
11JA061D5	23	SB0111B	Solvent Blank C-14				1.000	
11JA061D5	24	HVC6C-1-AA	G6A100000-235B	20	23/AIR	25	0.500	Sam
11JA061D5	25	HVC6C-1-AC	G6A100000-235C	20	23/AIR		0.500	Sam
11JA061D5	26	HVC6C-1-AD	G6A100000-235L	20	23/AIR		0.500	Sam
11JA061D5	27	HTN05-1-AA	G5L220330-1	20	23/AIR		0.500	Sam
11JA061D5	28	HTN1G-1-AA	G5L220330-2	20	23/AIR		0.500	Sam
11JA061D5	29	HTN1H-1-AA	G5L220330-3	20	23/AIR		0.500	Sam
11JA061D5	30	HVA4M-1-AC	G6A090000-397C	20	8290/SOLID	26	10.000	g
11JA061D5	31	HVA4M-1-AA	G6A090000-397B	20	8290/SOLID		10.000	g
11JA061D5	32	HT24H-1-C1	A6A030158-2	20	8290/SOLID		10.000	g
11JA061D5	33	HVAKE-1-AC	G6A090000-208C	10	TO-9/AIR		0.667	Sam
11JA061D5	34	HVAKE-1-AA	G6A090000-208B	10	TO-9/AIR		0.667	Sam
11JA061D5	35	HT6E7-1-AA	G6A050259-1	10	TO-9/AIR		0.667	Sam
11JA061D5	36	HT6E9-1-AA	G6A050259-2	10	TO-9/AIR		0.667	Sam
11JA061D5	37	HT4G0-1-AA	G6A040214-1	20	8290/SOLID		10.000	g
11JA061D5	38	HT4G8-1-AA	G6A040214-2	20	8290/SOLID		10.000	g
11JA061D5	39	SB0111C	Solvent Blank C-14				1.000	
11JA061D5	40	CP0111B	DB-5 CPSM 2565-47				1.000	
11JA061D5	41	ST0111C	CS3 2565-41C				1.000	
11JA061D5	42	SB0111D	Solvent Blank C-14				1.000	
11JA061D5	43	HT1XK-1-AA	G5L300277-1	20	1613B(T)/WATER	27	1.027	L
11JA061D5	44	HT1XV-1-AA	G5L300279-1	20	1613B(T)/WATER		1.044	L
11JA061D5	45	ST0111D	CS3 2565-41C				1.000	
11JA061D5	46	SB0111E	Solvent Blank C-14				1.000	
11JA061D5	47	HVCN0-1-AA	G6A100000-175B	20	1613B/WATER	26	1.000	L
11JA061D5	48	HVCN0-1-AC	G6A100000-175C	20	1613B/WATER		1.000	L
11JA061D5	49	HTME2-1-AA	G5L220153-1	20	1613B/WATER		1.058	L
11JA061D5	50	HTME5-1-AA	G5L220153-2	20	1613B/WATER		0.935	L
11JA061D5	51	HTME7-1-AA	G5L220153-3	20	1613B/WATER		0.944	L
11JA061D5	52	HTME9-1-AA	G5L220153-5	20	1613B/WATER		0.944	L
11JA061D5	53	HVA4M-1-AA	G6A050161-1	20	8290/SOLID		10.000	g

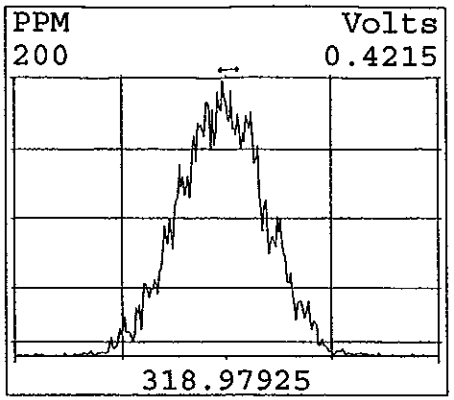
11JA061D5	54	HT6FP-1-AD	(20x)G6A050263-1S	20	8290/SOLID	10.000 g
11JA061D5	55	HT6FP-1-AA	(20x)G6A050263-1	20	8290/SOLID	10.000 g
11JA061D5	56	SB0111F	Solvent Blank C-14			1.000
TA061D5	57	ST0111E	CS3 2565-41C			1.000
JA061D5	58					1.000
11JA061D5	59					1.000
11JA061D5	60					1.000
11JA061D5	61		MG 01/11/06			1.000

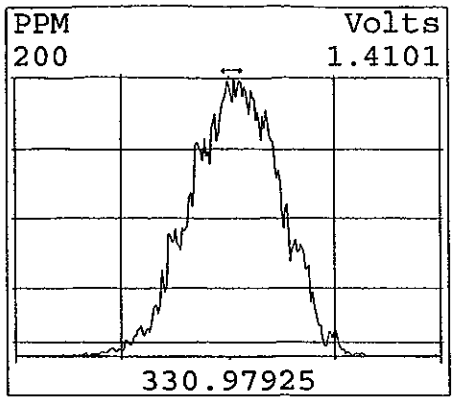
Logfile checked
01-13-06
SMA

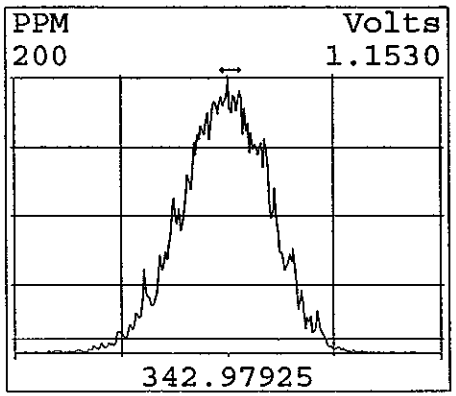
Peak Locate Examination:11-JAN-2006:08:38 File:11JA061D5
Experiment:DIOXIN Function:1 Reference:PFK

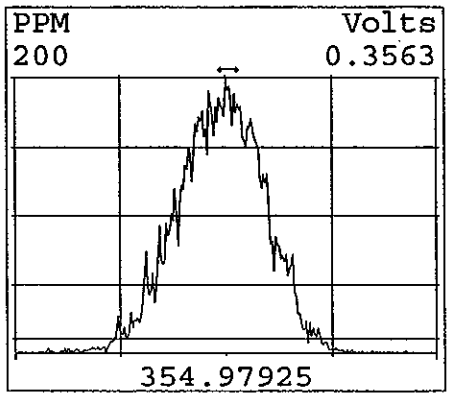


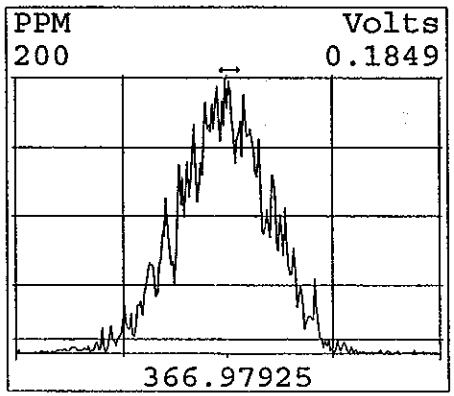


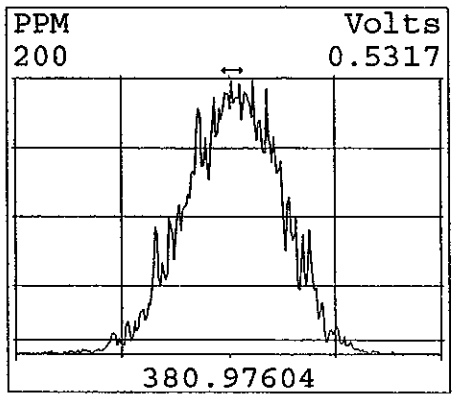


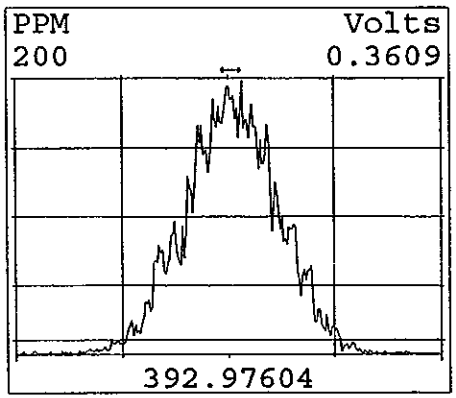


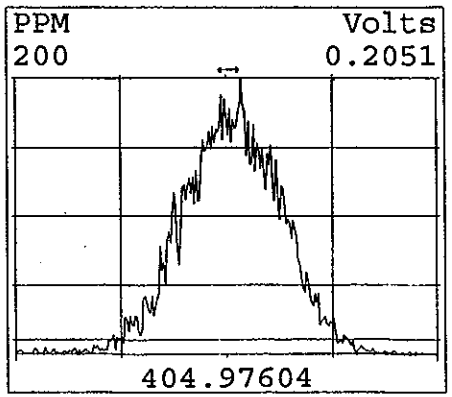


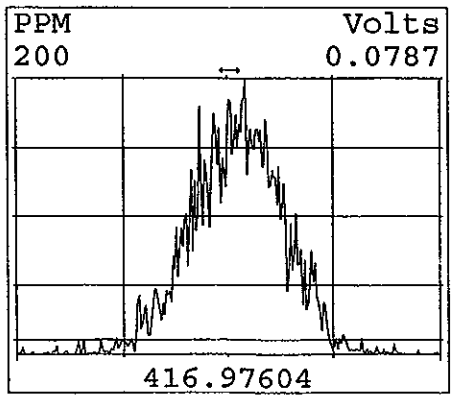




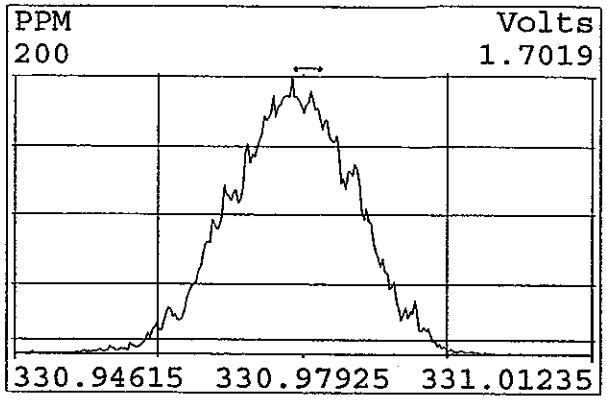


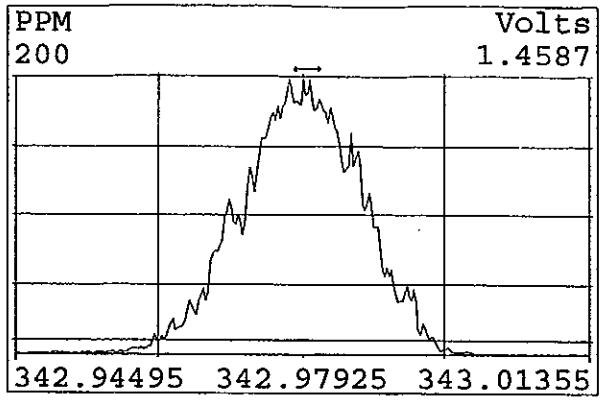


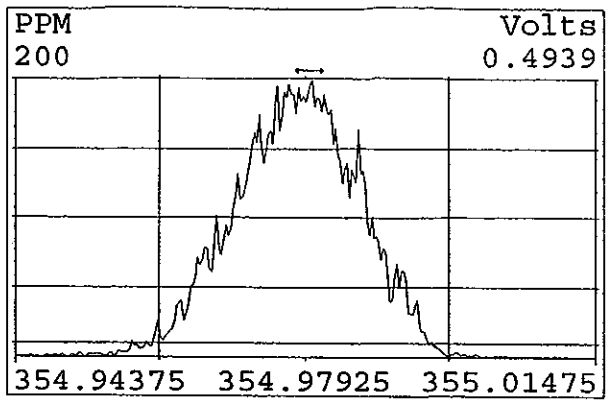


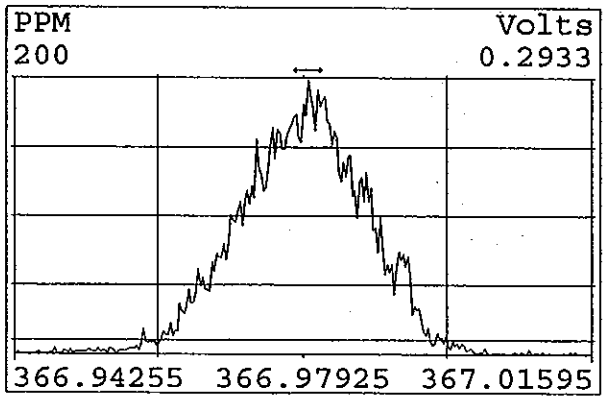


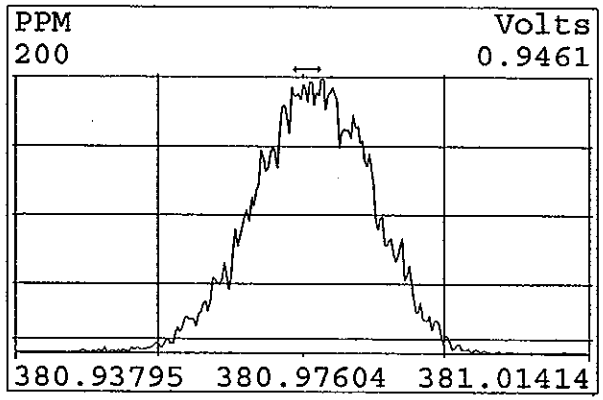
Peak Locate Examination:11-JAN-2006:08:39 File:11JA061D5
Experiment:DIOXIN Function:2 Reference:PFK

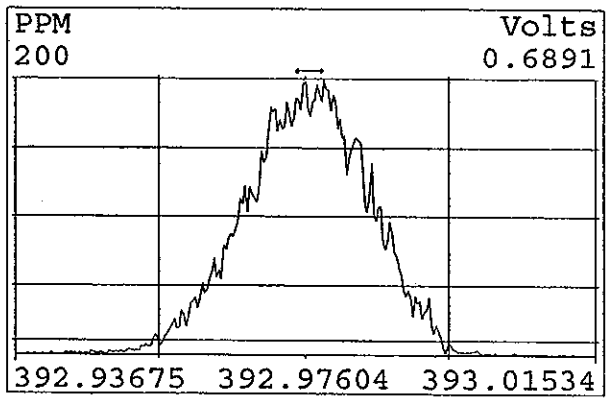


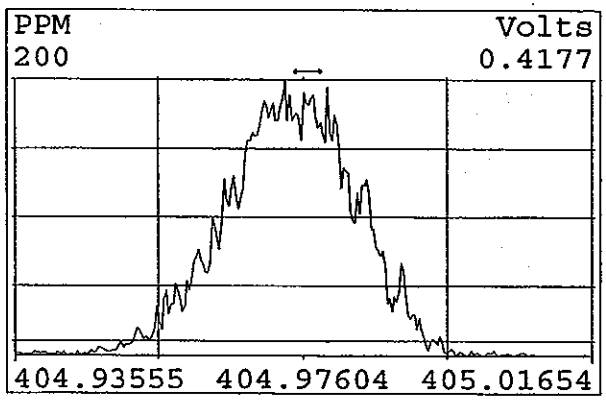


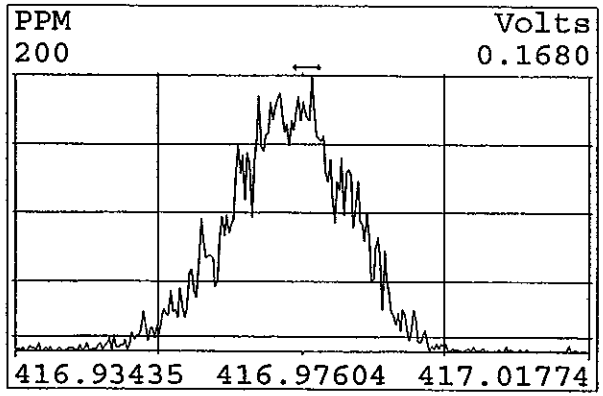




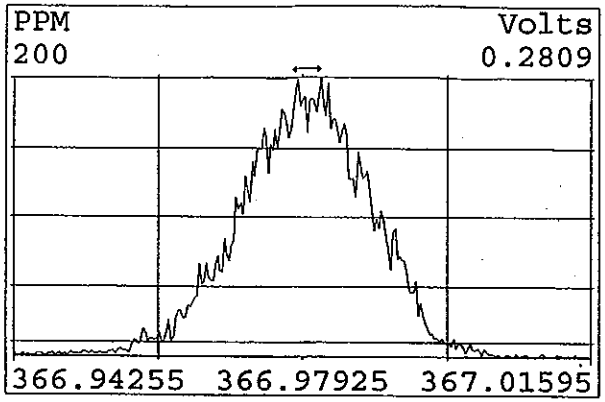


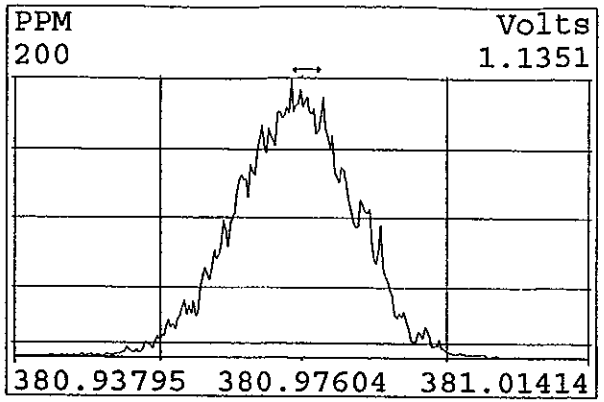


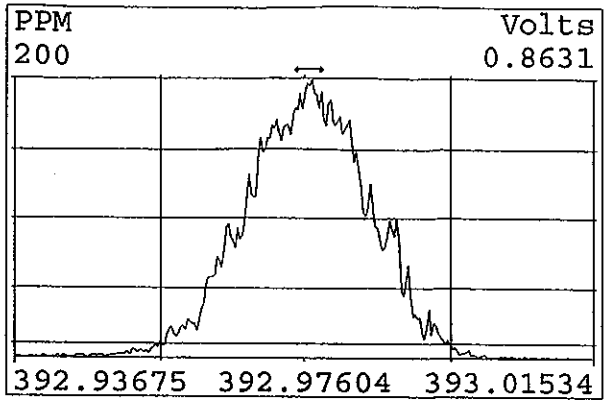


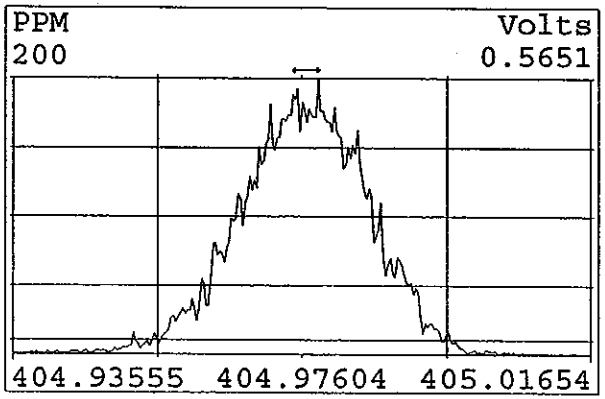


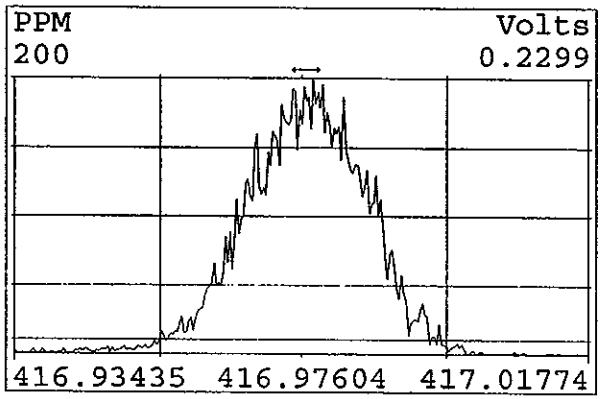
Peak Locate Examination:11-JAN-2006:08:39 File:11JA061D5
Experiment:DIOXIN Function:3 Reference:PFK

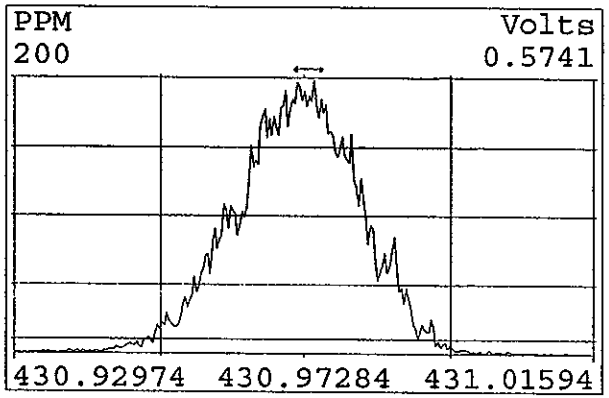


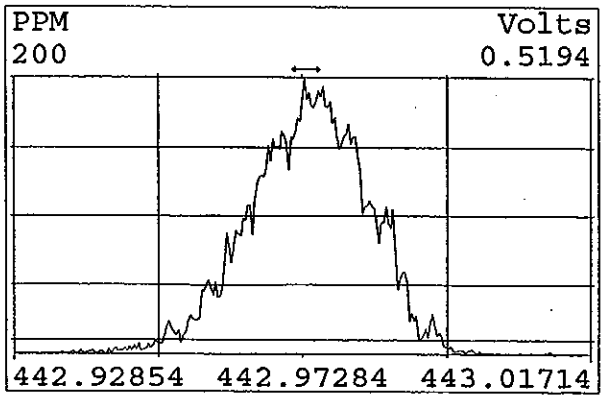


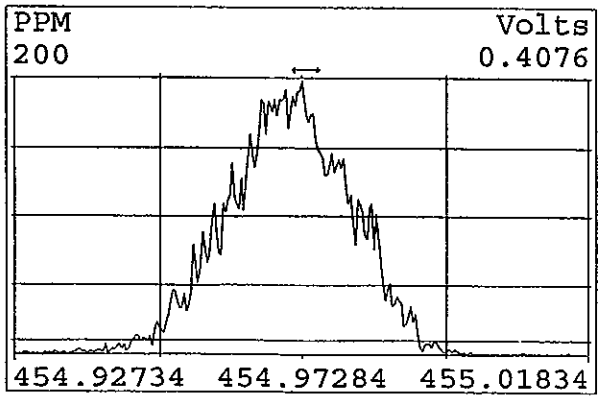




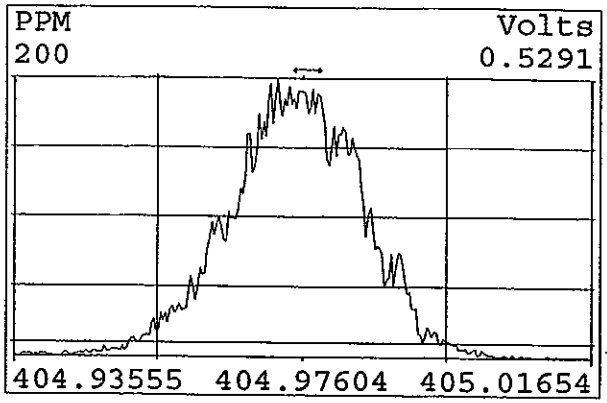


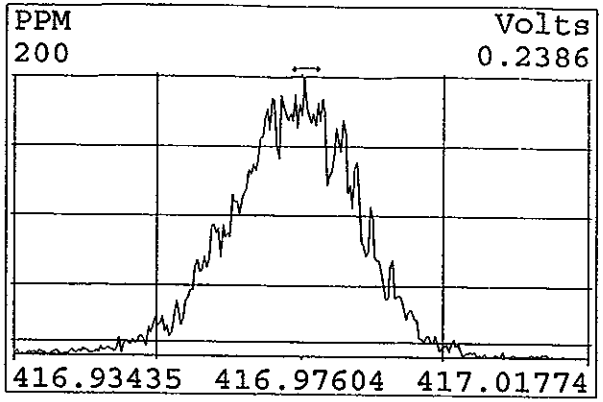


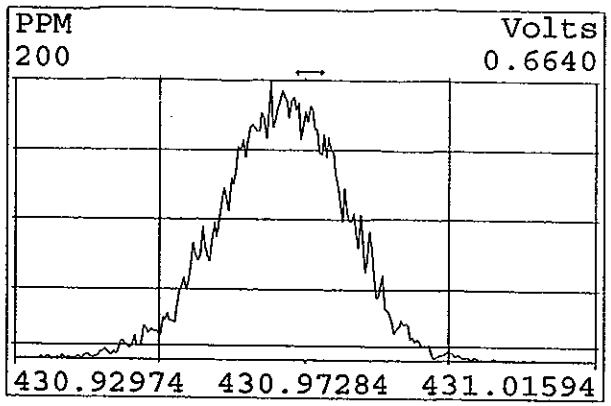


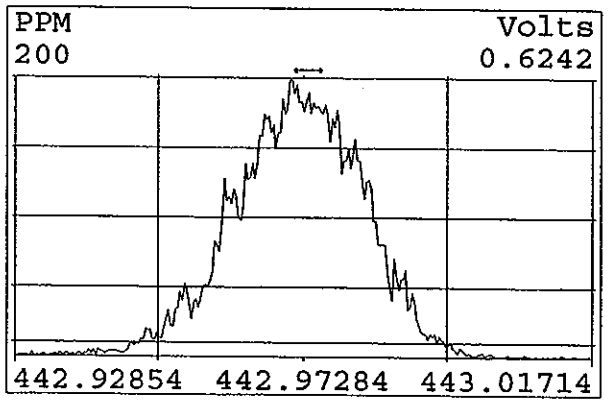


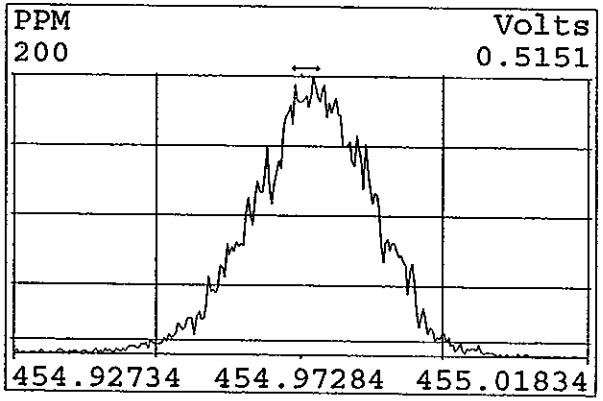
Peak Locate Examination:11-JAN-2006:08:40 File:11JA061D5
Experiment:DIOXIN Function:4 Reference:PFK

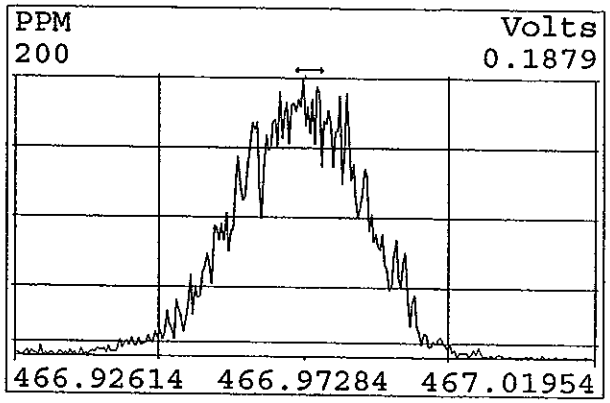


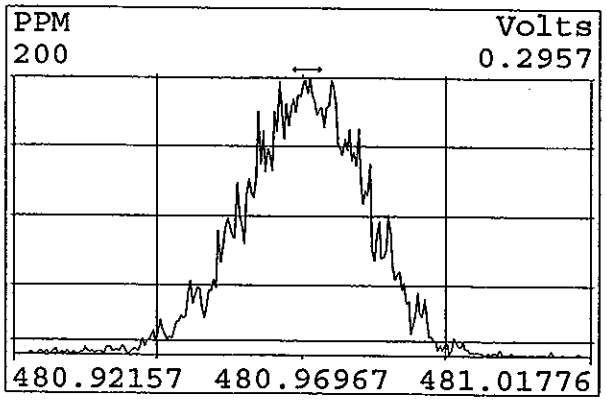




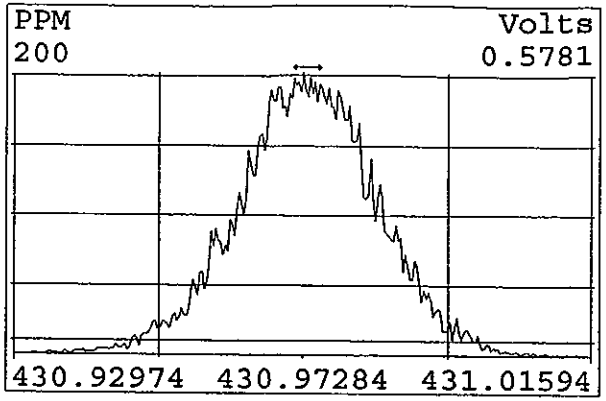


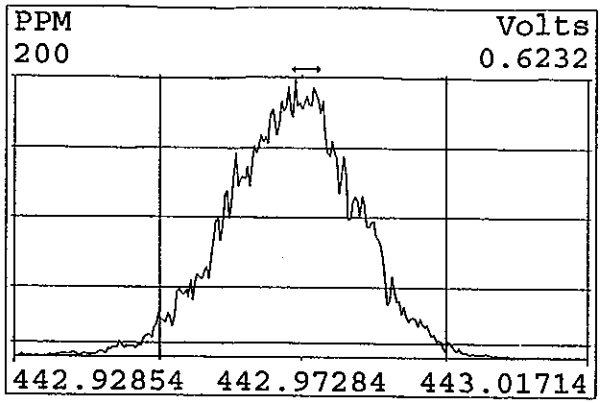


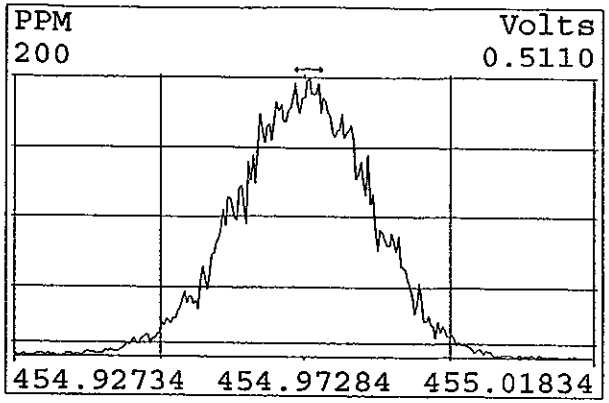


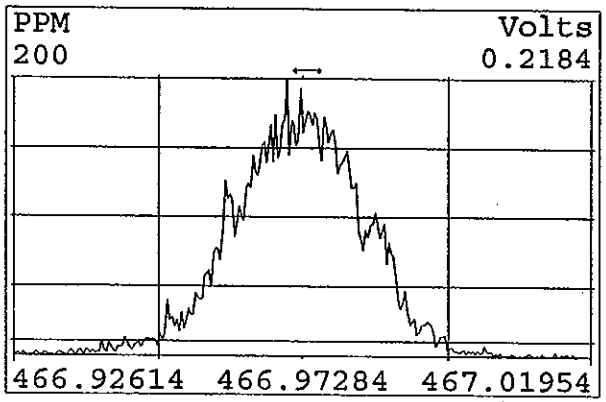


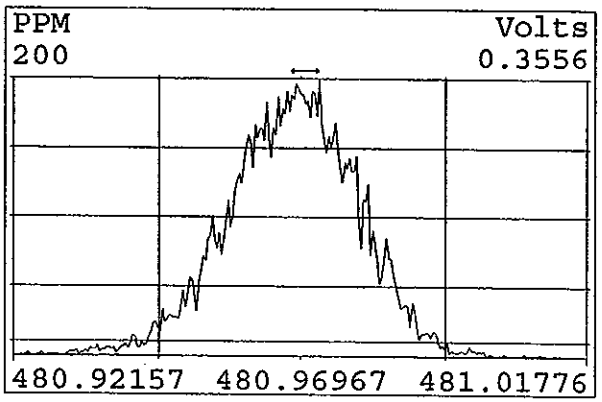
Peak Locate Examination:11-JAN-2006:08:40 File:11JA061D5
Experiment:DIOXIN Function:5 Reference:PFK

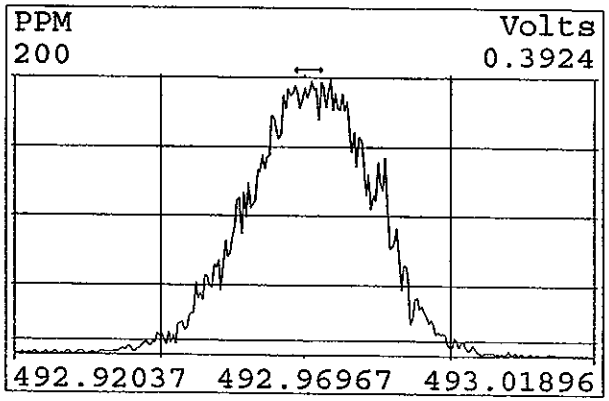


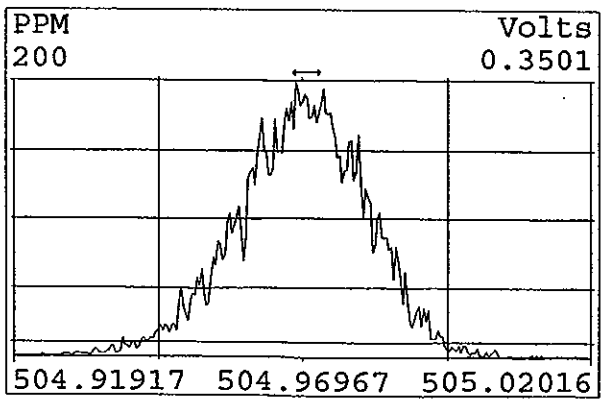


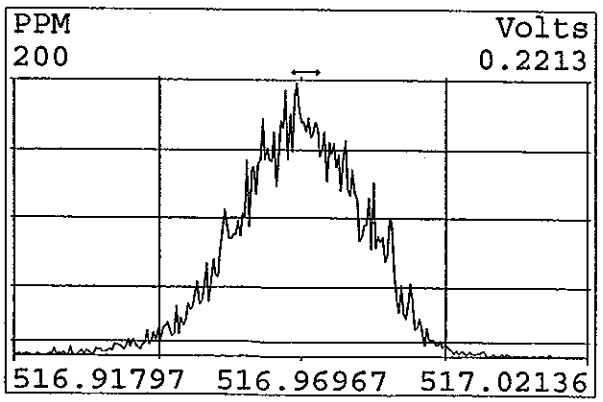




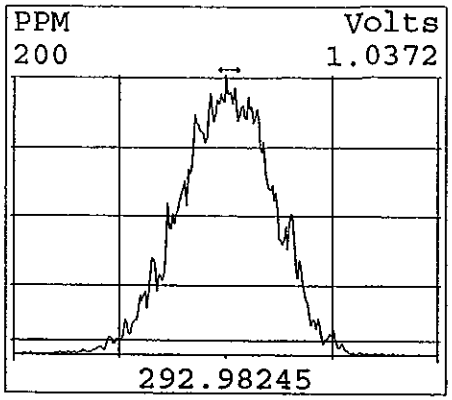


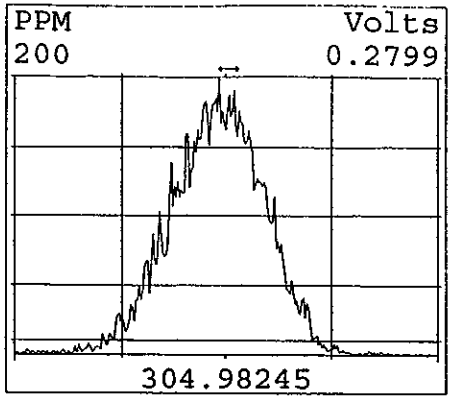


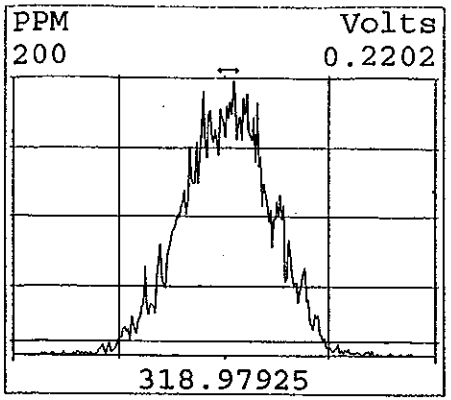


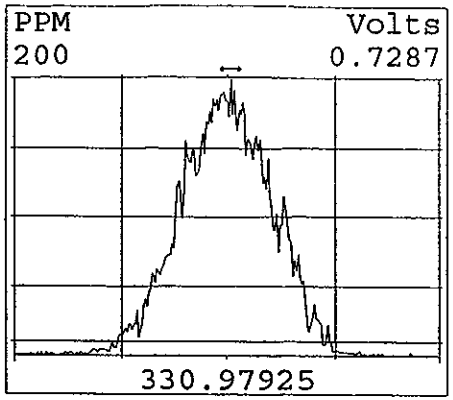


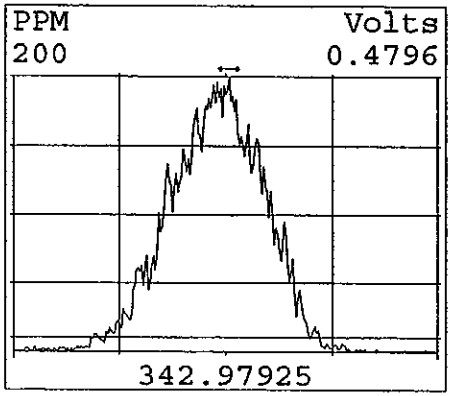
Peak Locate Examination:13-JAN-2006:00:31 File:RESCHK11JA061D5
Experiment:DIOXIN Function:1 Reference:PFK

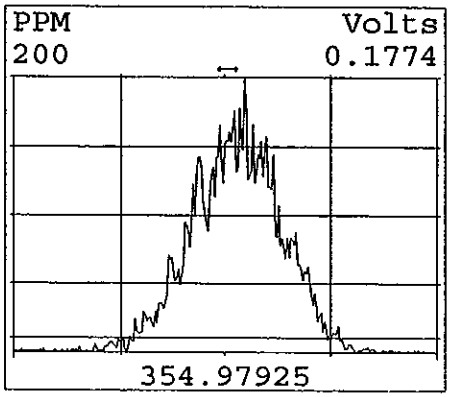


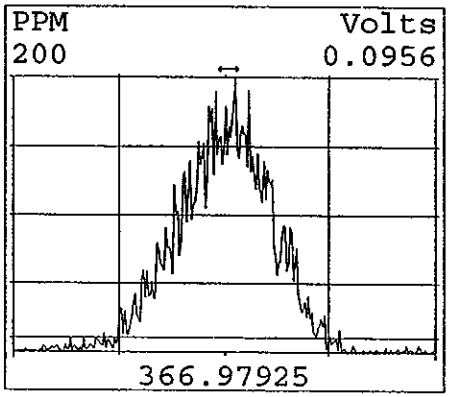


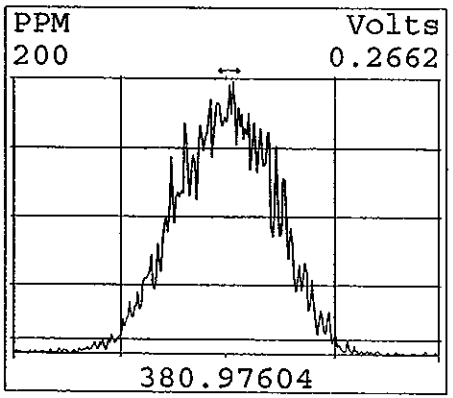


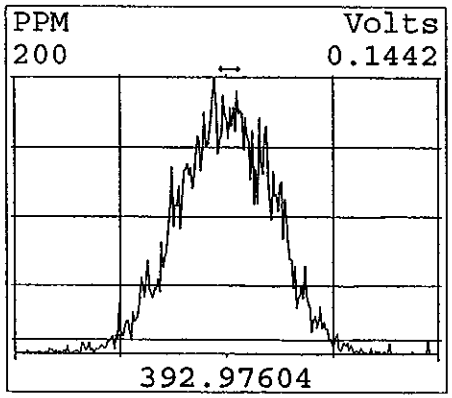


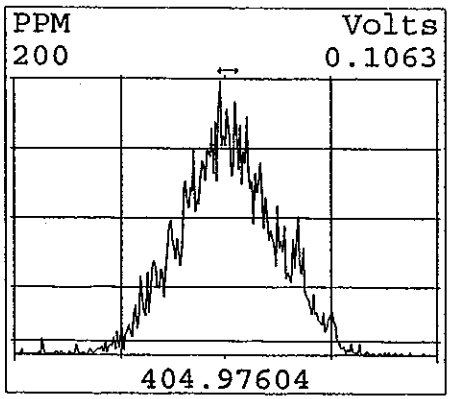


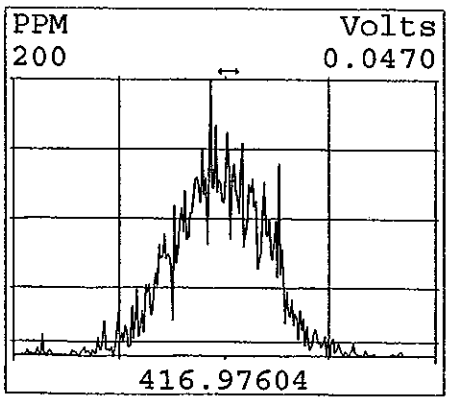




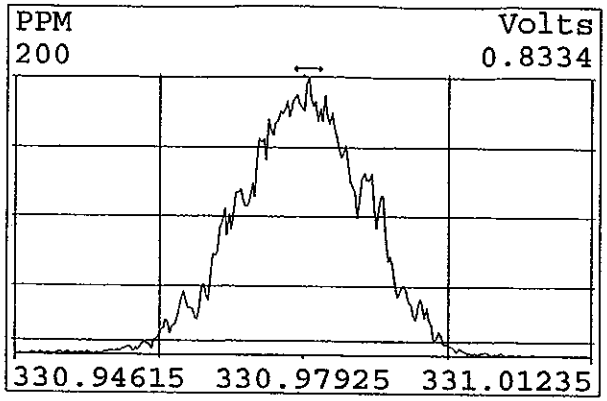


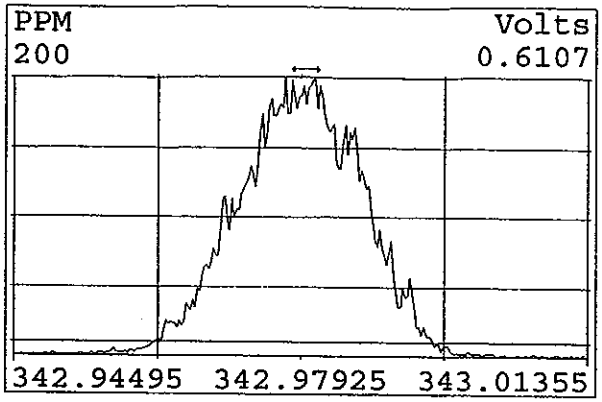


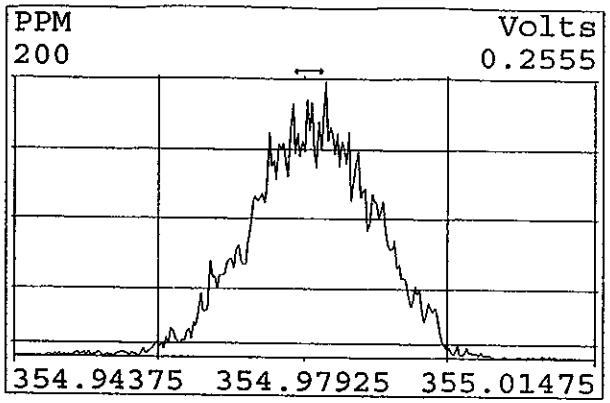


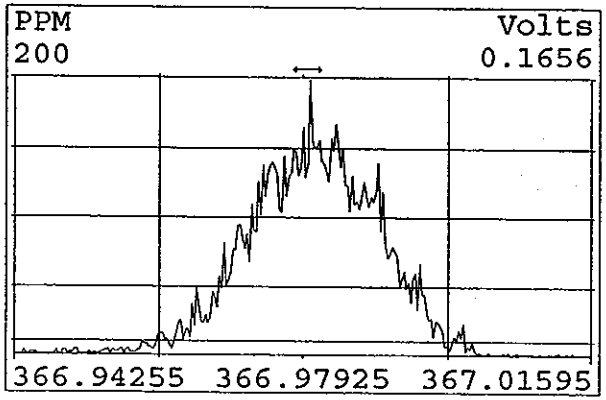


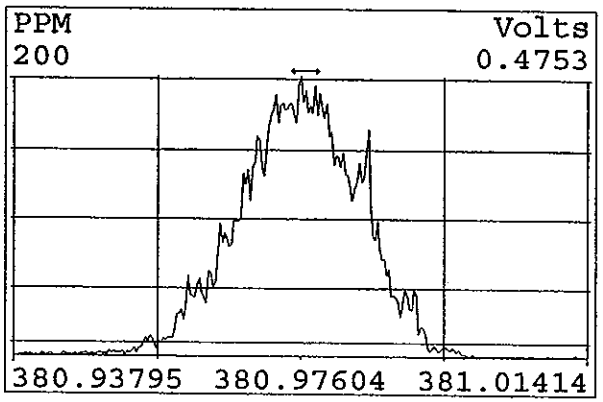
Peak Locate Examination:13-JAN-2006:00:32 File:RESCHK11JA061D5
Experiment:DIOXIN Function:2 Reference:PFK

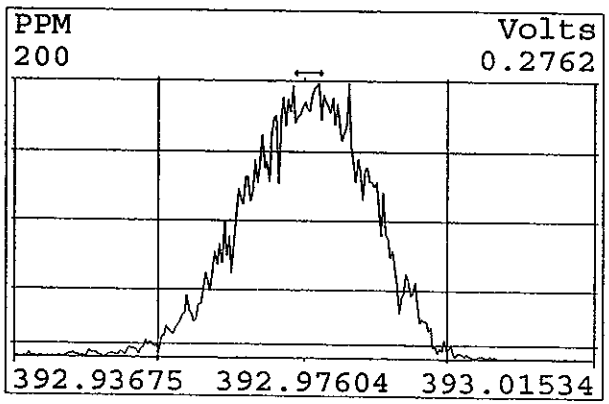


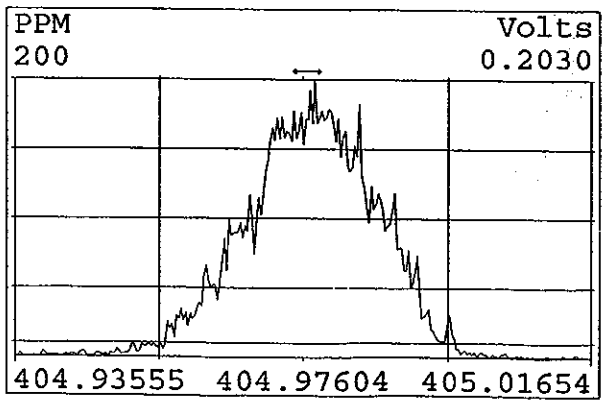


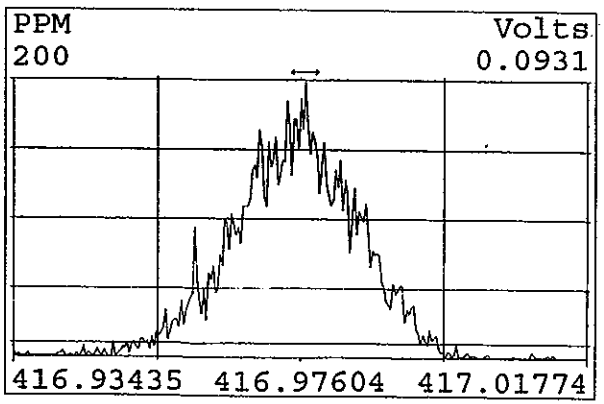




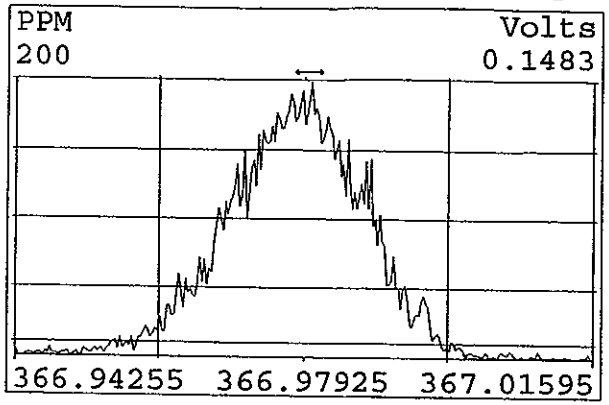


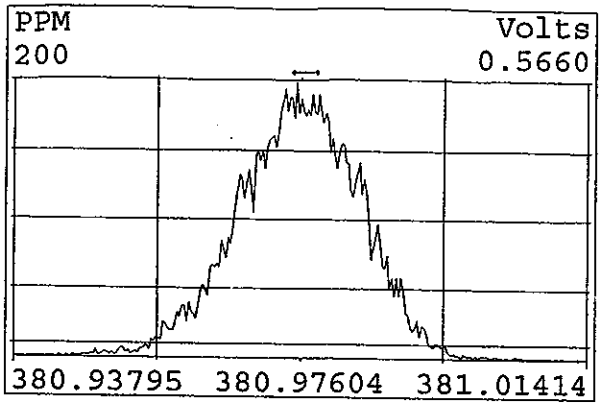


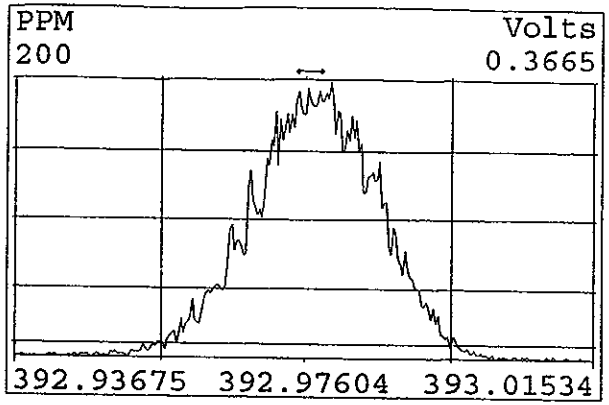


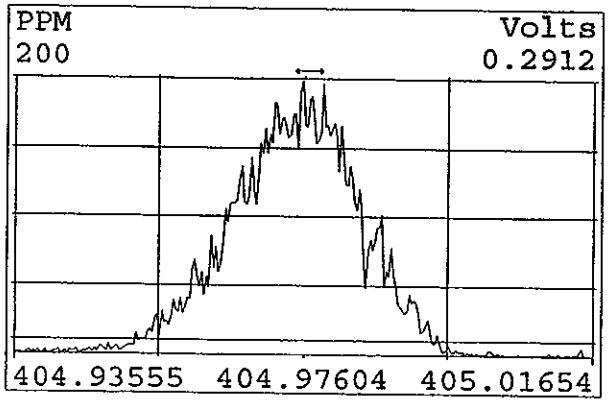


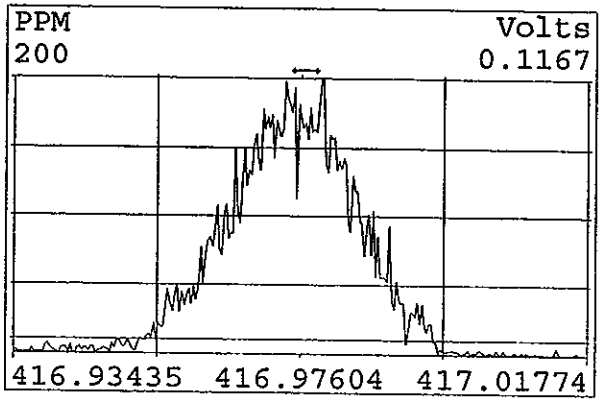
Peak Locate Examination:13-JAN-2006:00:33 File:RESCHK11JA061D5
Experiment:DIOXIN Function:3 Reference:PFK

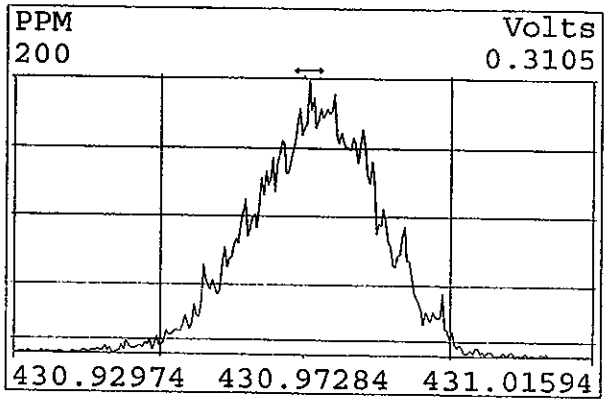


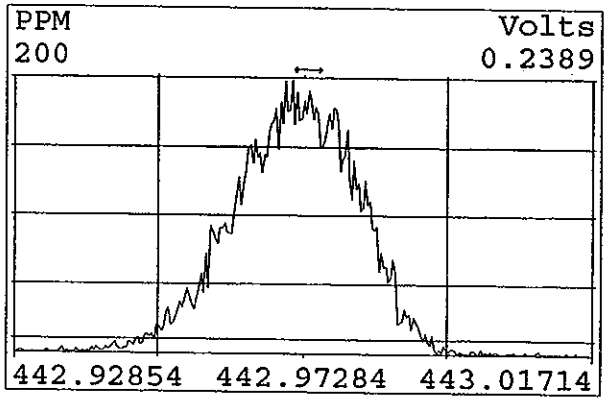


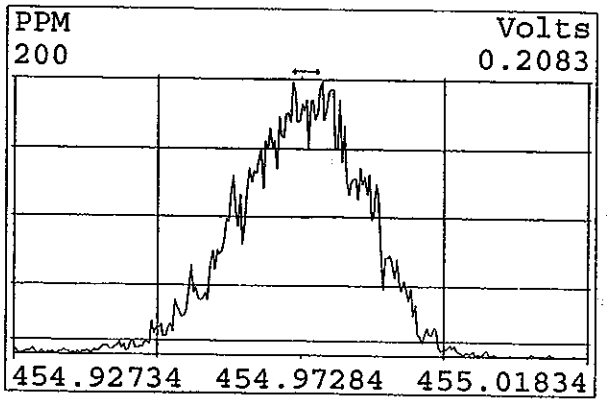




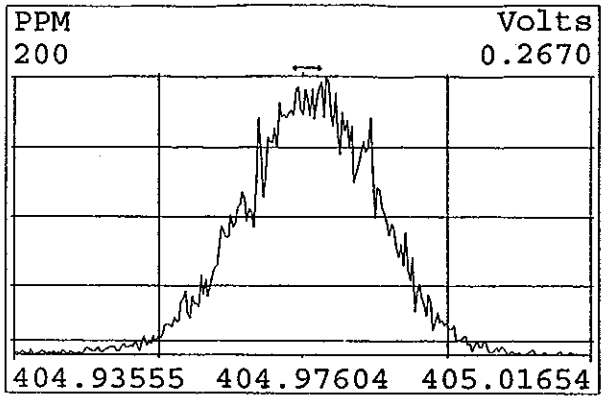


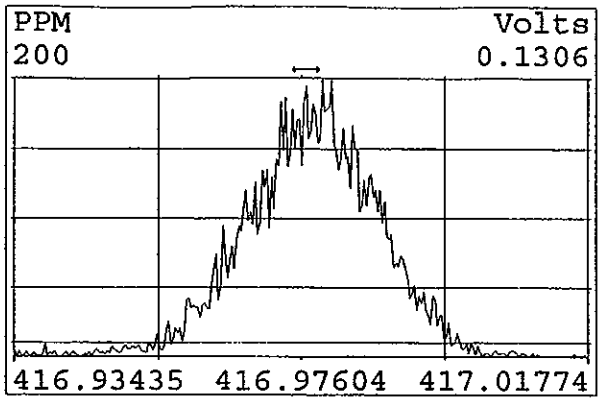


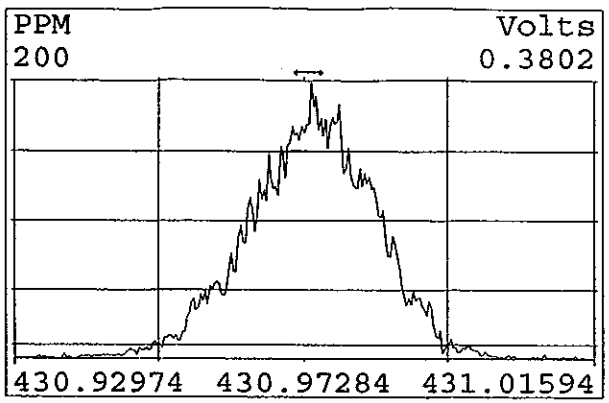


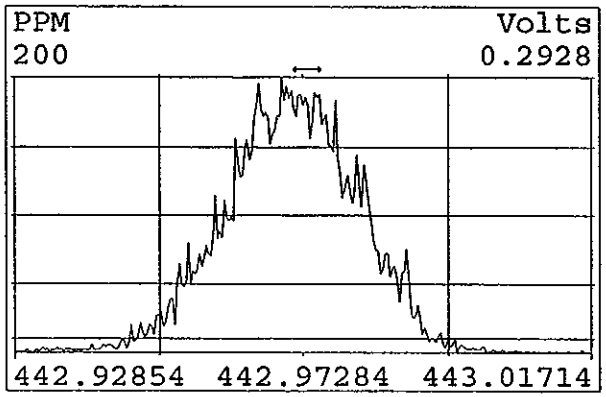


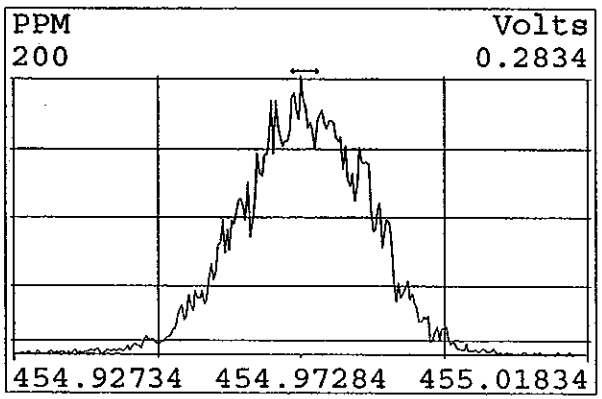
Peak Locate Examination:13-JAN-2006:00:34 File:RESCHK11JA061D5
Experiment:DIOXIN Function:4 Reference:PFK

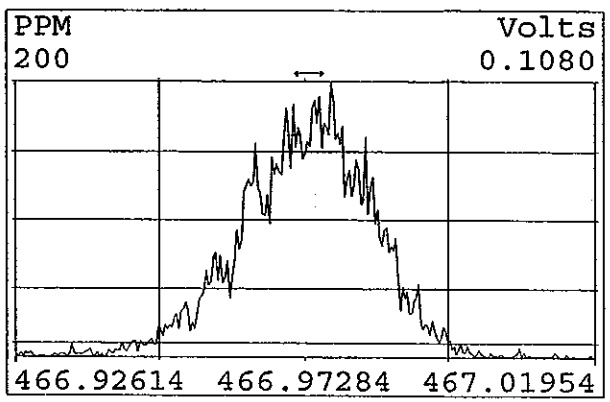


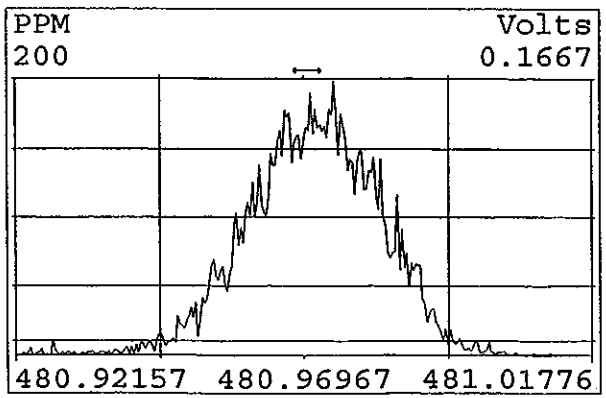




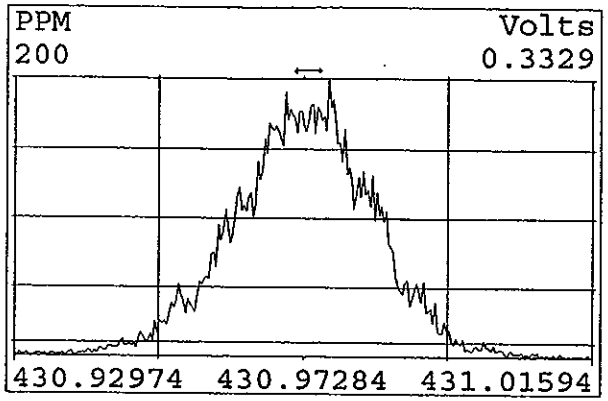


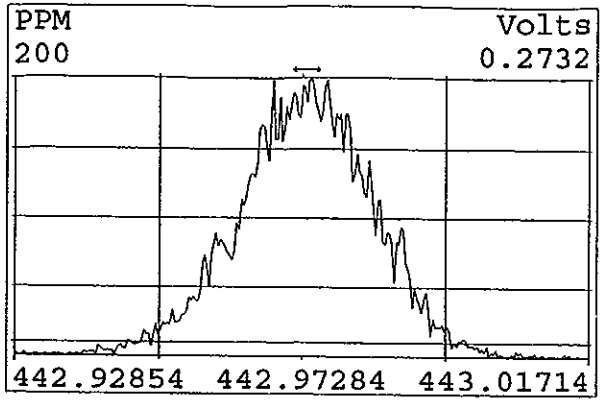


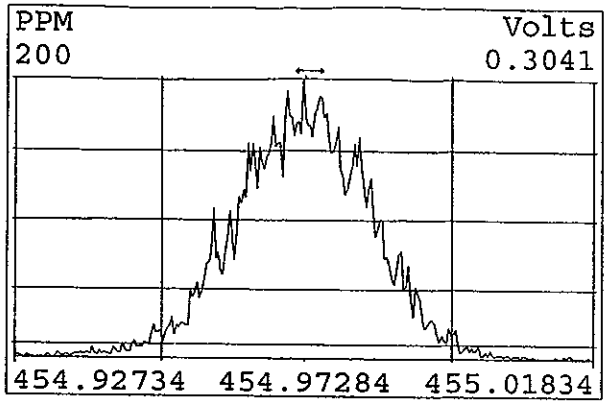


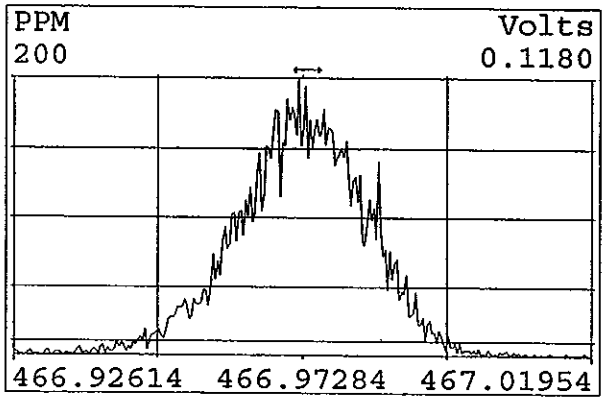


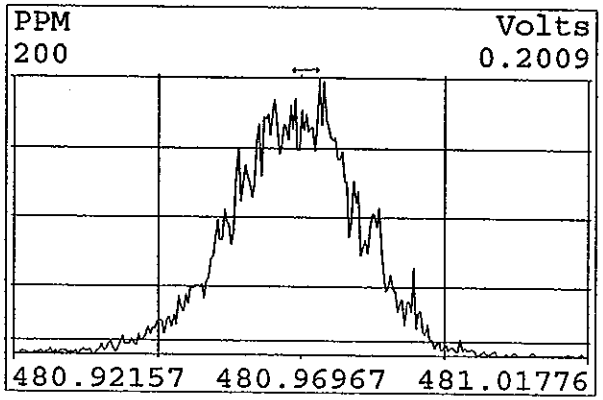
Peak Locate Examination:13-JAN-2006:00:36 File:RESCHK11JA061D5
Experiment:DIOXIN Function:5 Reference:PFK

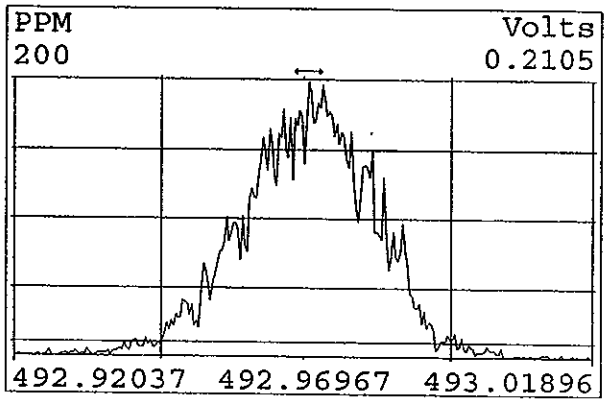


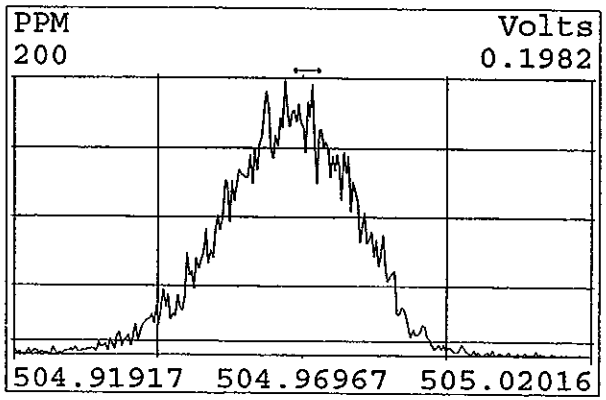


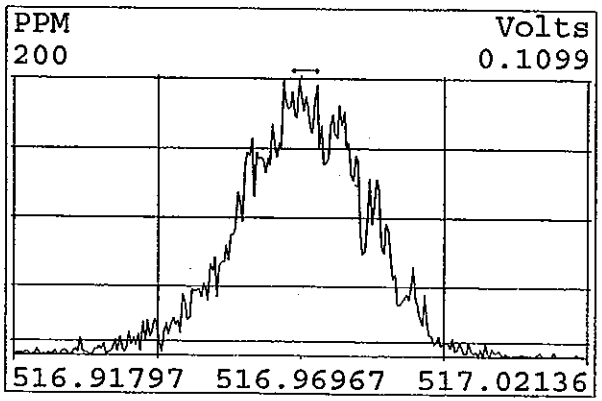




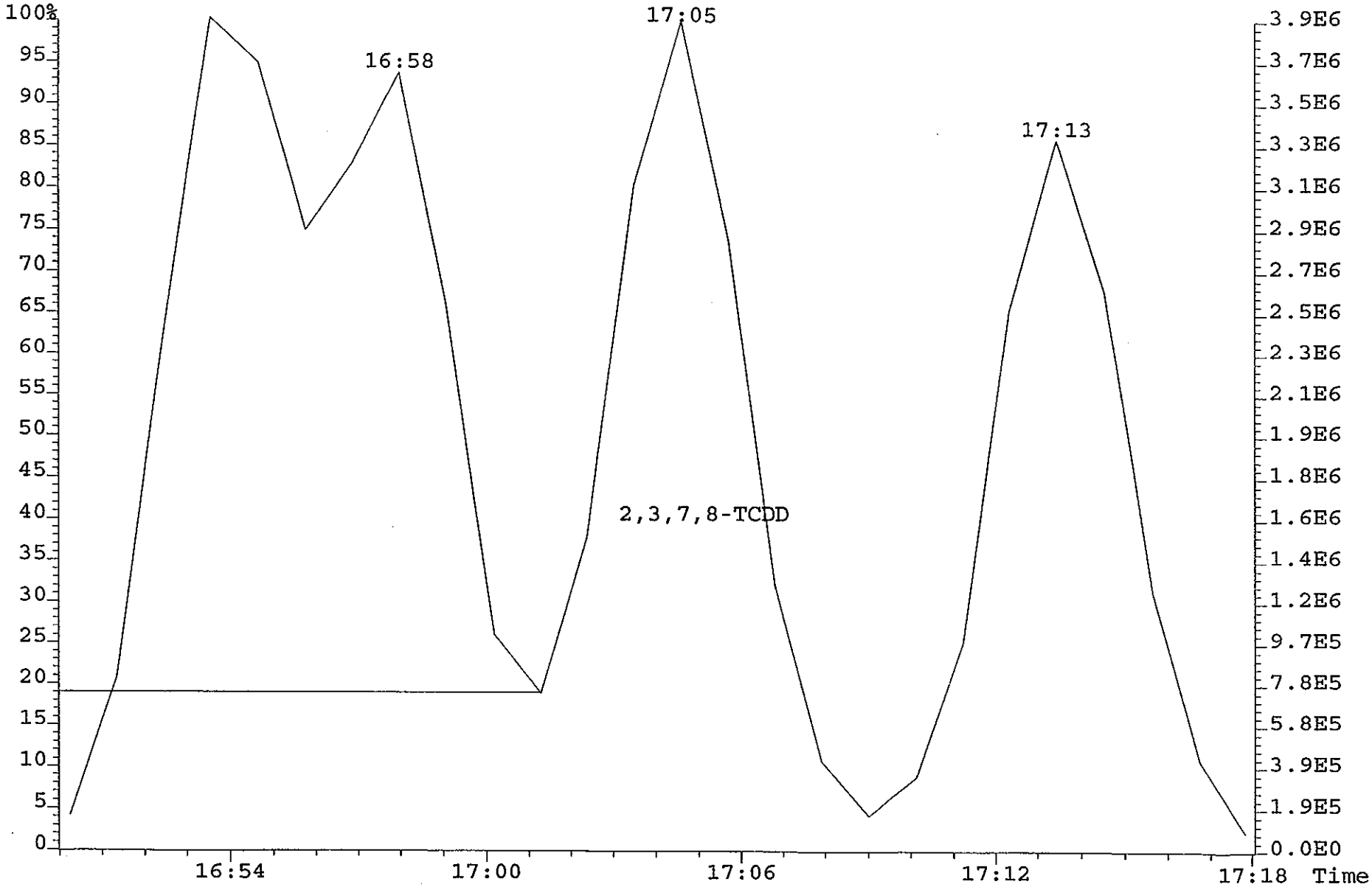








File:11JA061D5 #1-322 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
321.8936 S:3 BSUB(128,15,-3.0) Exp:DIOXIN Noise:2631



Run: 11JA061D5 Analyte: 8290 Cal: 82901209051D5

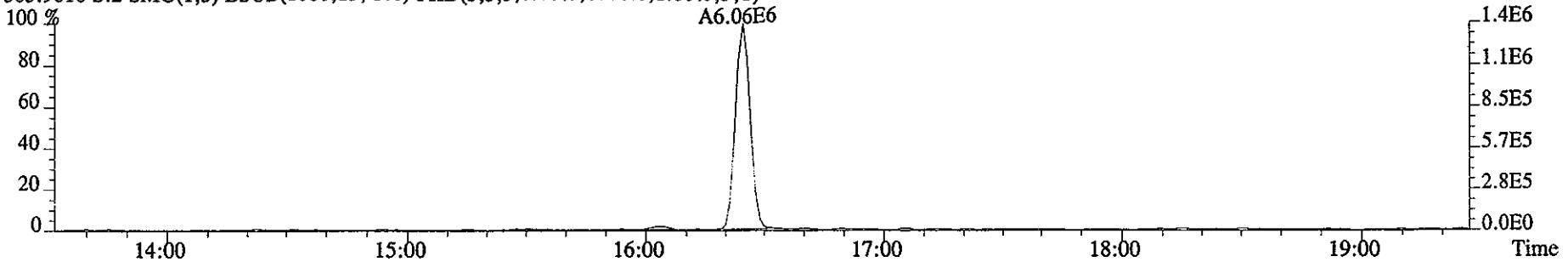
ST1209C :CS1 2565-41A ST1209B :CS2 2565-41B ST1209A :CS3 2565-41C
ST1209E :CS4 2565-41D ST1209D :CS5 2565-41E

Name	Mean	S. D.	%RSD	09DE051D5 S5 RRF1	09DE051D5 S4 RRF2	09DE051D5 S3 RRF3	09DE051D5 S7 RRF4	09DE051D5 S6 RRF5
13C-1,2,3,4-TCDD	-	-	- %	-	-	-	-	-
13C-2,3,7,8-TCDF	1.683	0.069	4.08 %	1.70	1.59	1.65	1.70	1.78
2,3,7,8-TCDF	1.163	0.061	5.21 %	1.25	1.14	1.08	1.16	1.19
Total TCDF	1.163	0.061	5.21 %	1.25	1.14	1.08	1.16	1.19
13C-2,3,7,8-TCDD	0.896	0.024	2.67 %	0.89	0.86	0.89	0.90	0.93
2,3,7,8-TCDD	1.322	0.124	9.40 %	1.53	1.22	1.25	1.27	1.34
Total TCDD	1.322	0.124	9.40 %	1.53	1.22	1.25	1.27	1.34
37Cl-2,3,7,8-TCDD	2.444	0.304	12.5 %	2.85	2.08	2.30	2.34	2.65
13C-1,2,3,7,8-PeCDF	1.545	0.096	6.25 %	1.48	1.48	1.49	1.56	1.71
1,2,3,7,8-PeCDF	1.004	0.042	4.18 %	0.97	0.96	1.00	1.04	1.06
2,3,4,7,8-PeCDF	1.049	0.040	3.79 %	1.03	1.00	1.04	1.08	1.10
Total F2 PeCDF	1.027	0.041	3.96 %	1.00	0.98	1.02	1.06	1.08
Total F1 PeCDF	1.027	0.041	3.96 %	1.00	0.98	1.02	1.06	1.08
13C-1,2,3,7,8-PeCDD	0.914	0.059	6.48 %	0.86	0.90	0.86	0.94	1.00
1,2,3,7,8-PeCDD	1.043	0.053	5.10 %	1.03	0.97	1.04	1.08	1.11
Total PeCDD	1.043	0.053	5.10 %	1.03	0.97	1.04	1.08	1.11
13C-1,2,3,7,8,9-HxCDD	-	-	- %	-	-	-	-	-
13C-1,2,3,4,7,8-HxCDF	1.383	0.030	2.19 %	1.38	1.37	1.42	1.39	1.34
1,2,3,4,7,8-HxCDF	1.111	0.044	3.97 %	1.14	1.05	1.07	1.14	1.15
1,2,3,6,7,8-HxCDF	1.140	0.060	5.24 %	1.15	1.07	1.09	1.18	1.21
2,3,4,6,7,8-HxCDF	1.064	0.044	4.11 %	1.06	1.01	1.04	1.10	1.12
1,2,3,7,8,9-HxCDF	1.018	0.052	5.07 %	1.06	0.96	0.98	1.02	1.07
Total HxCDF	1.083	0.048	4.45 %	1.10	1.02	1.04	1.11	1.14
13C-1,2,3,6,7,8-HxCDD	0.958	0.009	0.978	0.96	0.95	0.95	0.97	0.95
1,2,3,4,7,8-HxCDD	0.954	0.065	6.76 %	0.88	0.89	0.99	1.00	1.01

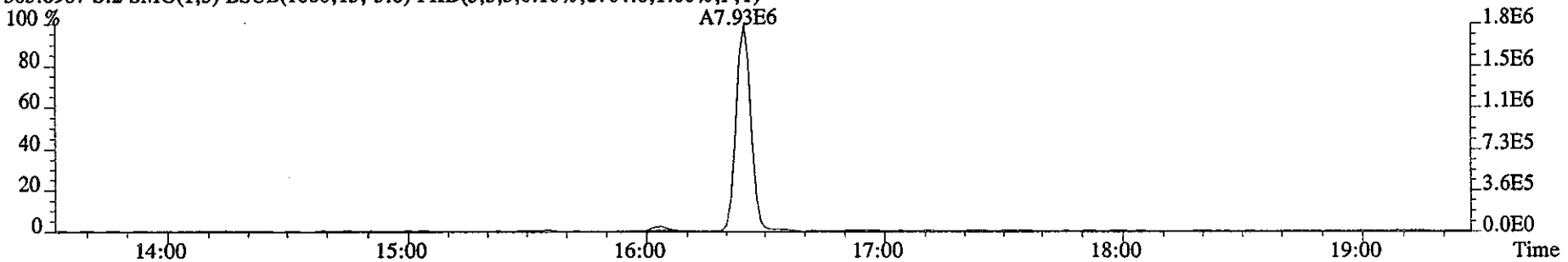
1,2,3,6,7,8-HxCDD	1.001	0.041	4.06 %	0.97	0.95	1.01	1.02	1.05
1,2,3,7,8,9-HxCDD	1.044	0.047	4.53 %	1.04	0.97	1.06	1.06	1.09
Total HxCDD	1.000	0.049	4.87 %	0.96	0.93	1.02	1.03	1.05
13C-1,2,3,4,6,7,8-HpCDF	1.129	0.027	2.35 %	1.14	1.13	1.17	1.11	1.10
1,2,3,4,6,7,8-HpCDF	1.311	0.041	3.09 %	1.29	1.25	1.32	1.33	1.36
1,2,3,4,7,8,9-HpCDF	1.191	0.085	7.13 %	1.10	1.11	1.20	1.25	1.29
Total HpCDF	1.251	0.061	4.92 %	1.20	1.18	1.26	1.29	1.33
13C-1,2,3,4,6,7,8-HpCDD	0.998	0.006	0.597	0.99	0.99	1.00	0.99	1.01
1,2,3,4,6,7,8-HpCDD	0.948	0.044	4.69 %	0.90	0.90	0.98	0.97	0.99
Total HpCDD	0.948	0.044	4.69 %	0.90	0.90	0.98	0.97	0.99
13C-OCDD	0.809	0.045	5.59 %	0.81	0.74	0.82	0.81	0.87
OCDF	1.319	0.064	4.87 %	1.29	1.23	1.32	1.37	1.38
OCDD	1.005	0.034	3.40 %	1.03	0.95	0.99	1.03	1.03

File:11JA061D5 #1-322 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN

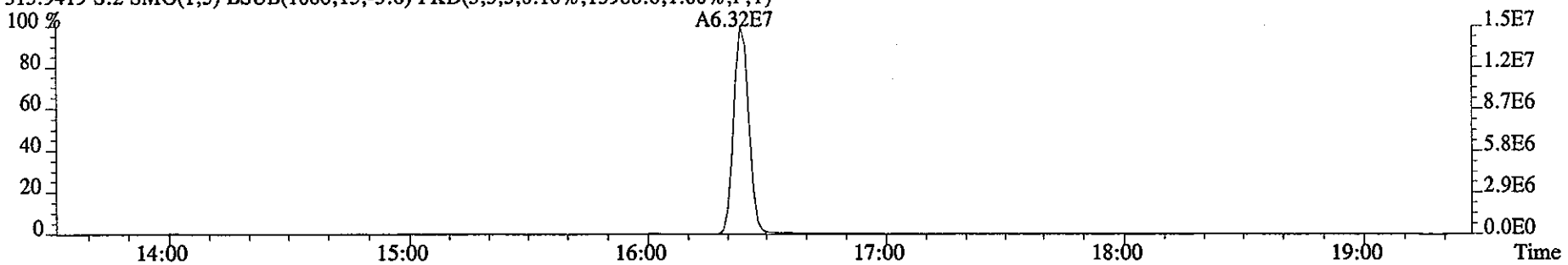
303.9016 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6716.0,1.00%,F,T)



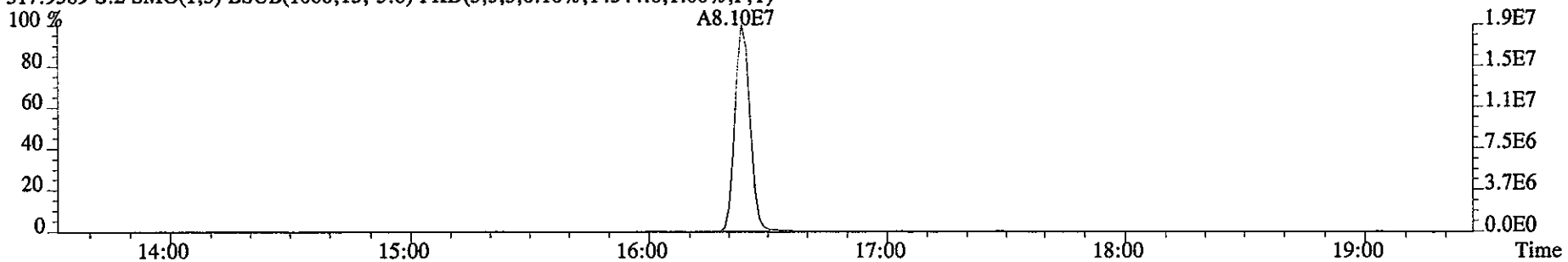
305.8987 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8764.0,1.00%,F,T)



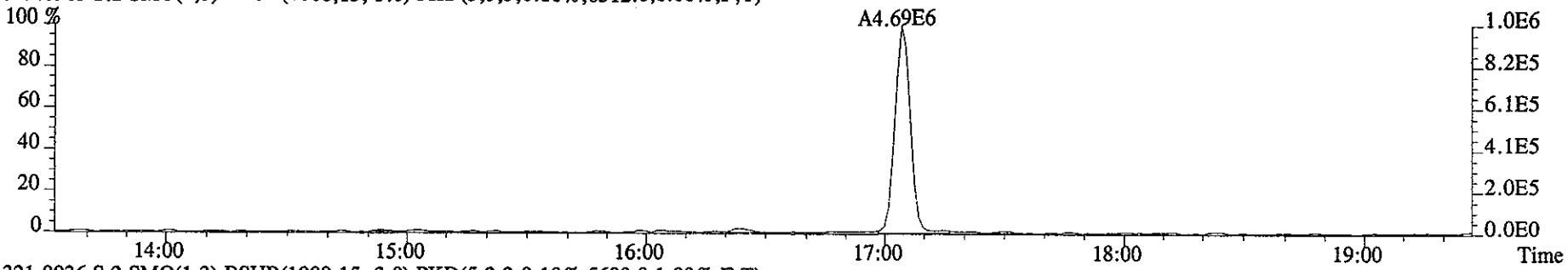
315.9419 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13988.0,1.00%,F,T)



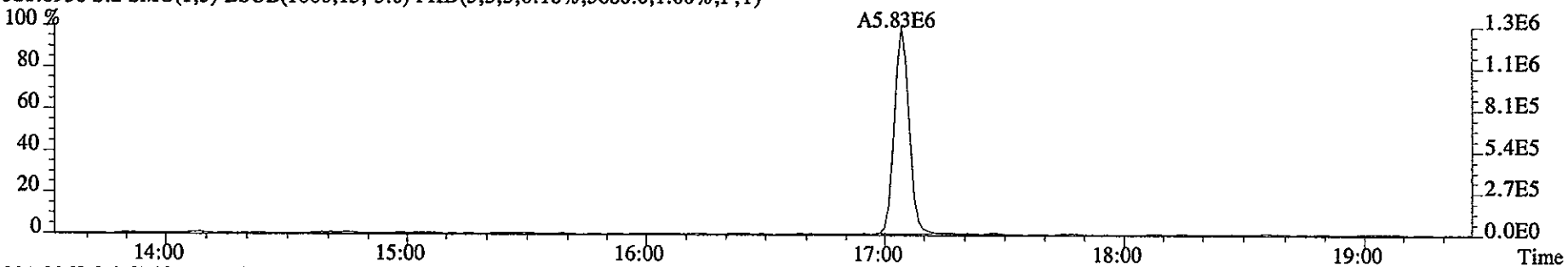
317.9389 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14344.0,1.00%,F,T)



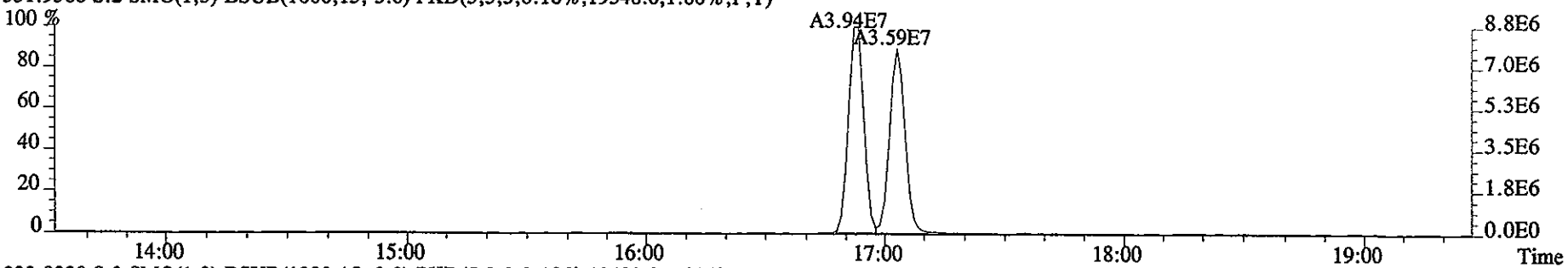
File:11JA061D5 #1-322 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN
319.8965 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6312.0,1.00%,F,T)



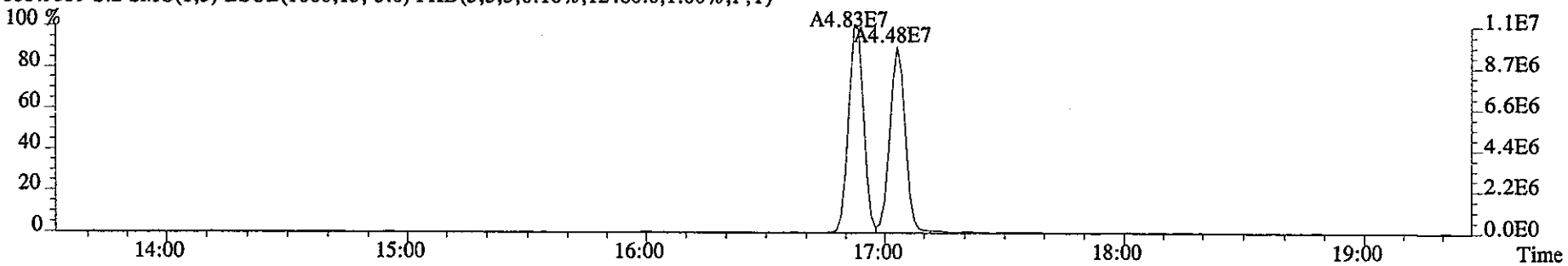
321.8936 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5680.0,1.00%,F,T)



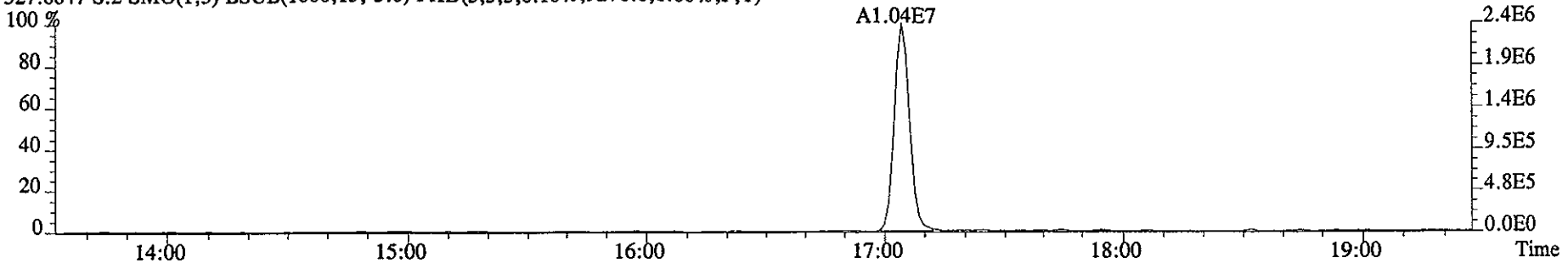
331.9368 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19548.0,1.00%,F,T)



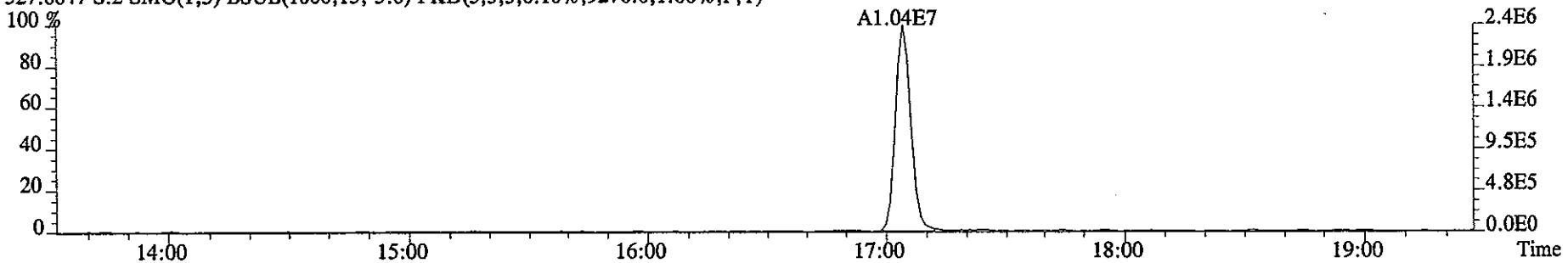
333.9339 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12480.0,1.00%,F,T)



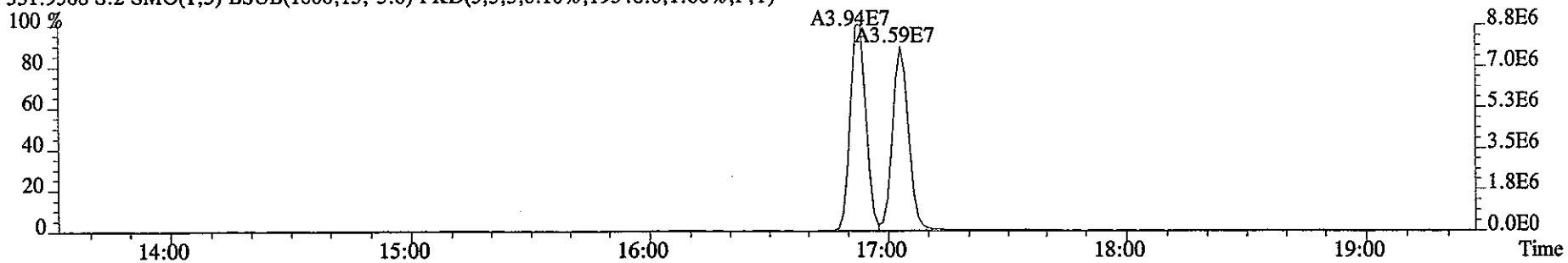
File:11JA061D5 #1-322 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN
327.8847 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9276.0,1.00%,F,T)



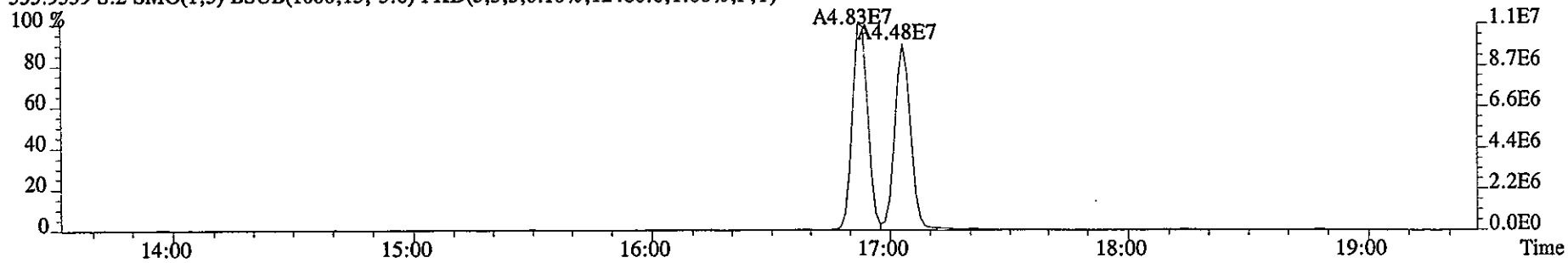
327.8847 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9276.0,1.00%,F,T)



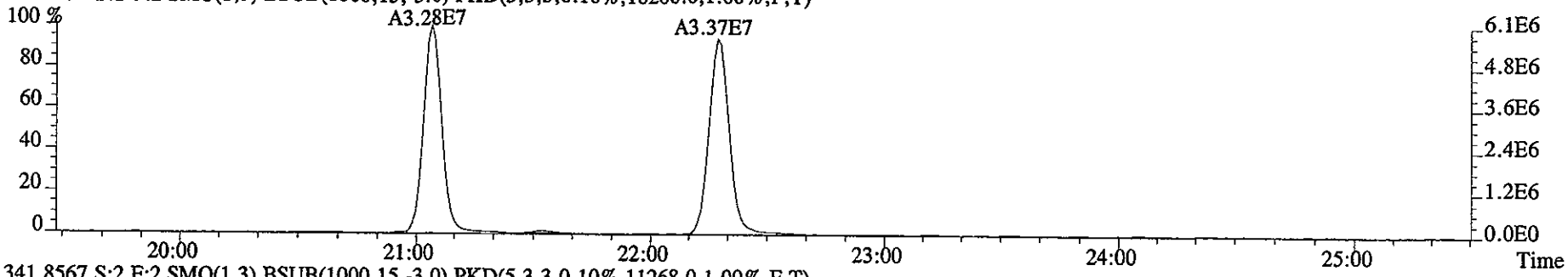
331.9368 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19548.0,1.00%,F,T)



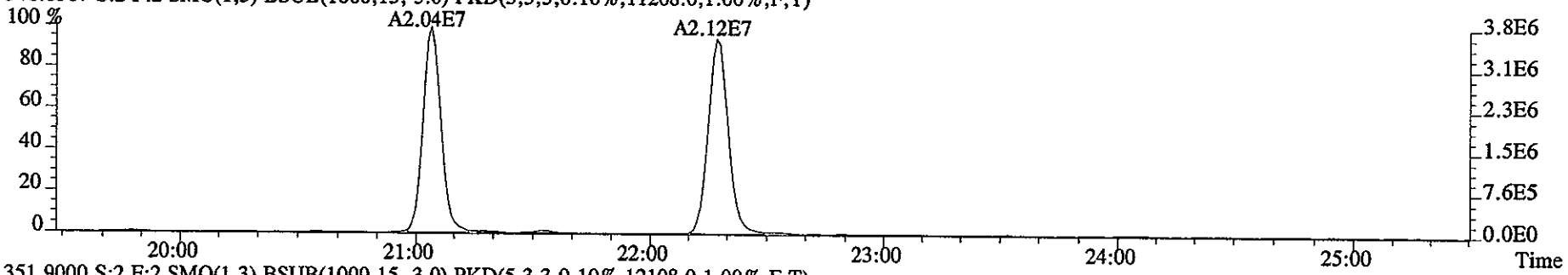
333.9339 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12480.0,1.00%,F,T)



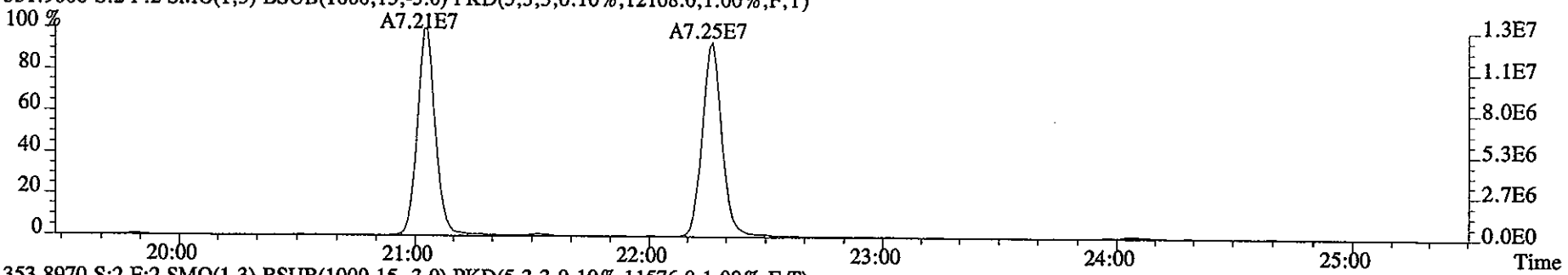
File:11JA061D5 #1-425 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN
339.8597 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10200.0,1.00%,F,T)



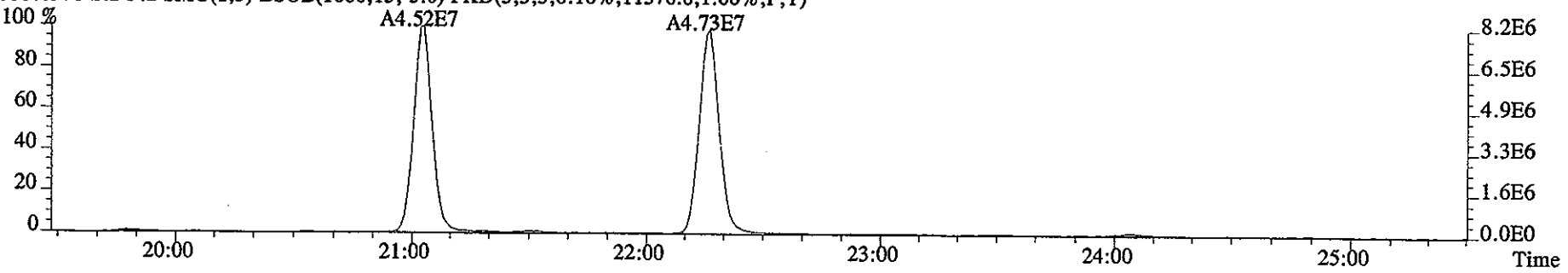
341.8567 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11268.0,1.00%,F,T)



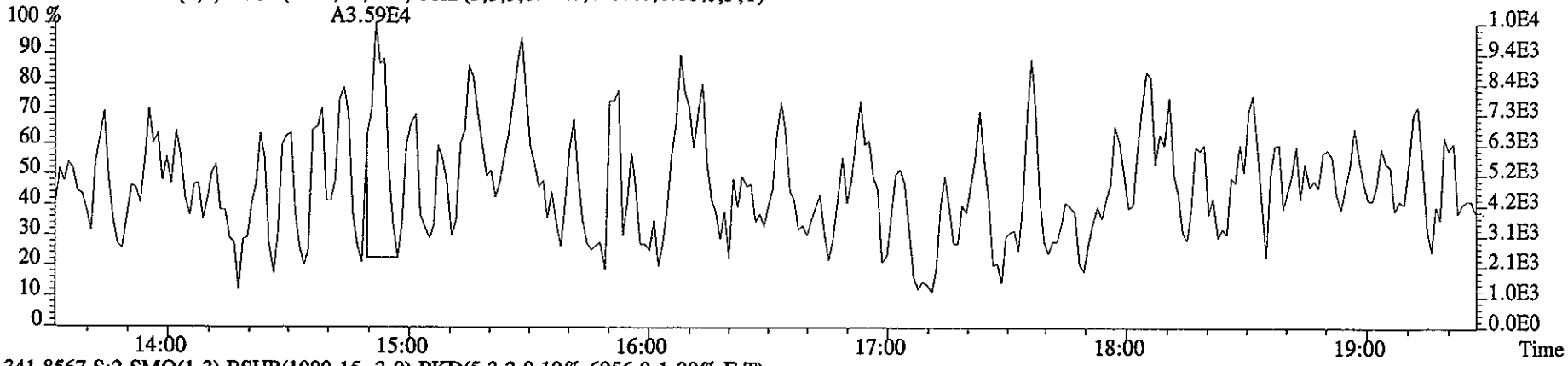
351.9000 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12108.0,1.00%,F,T)



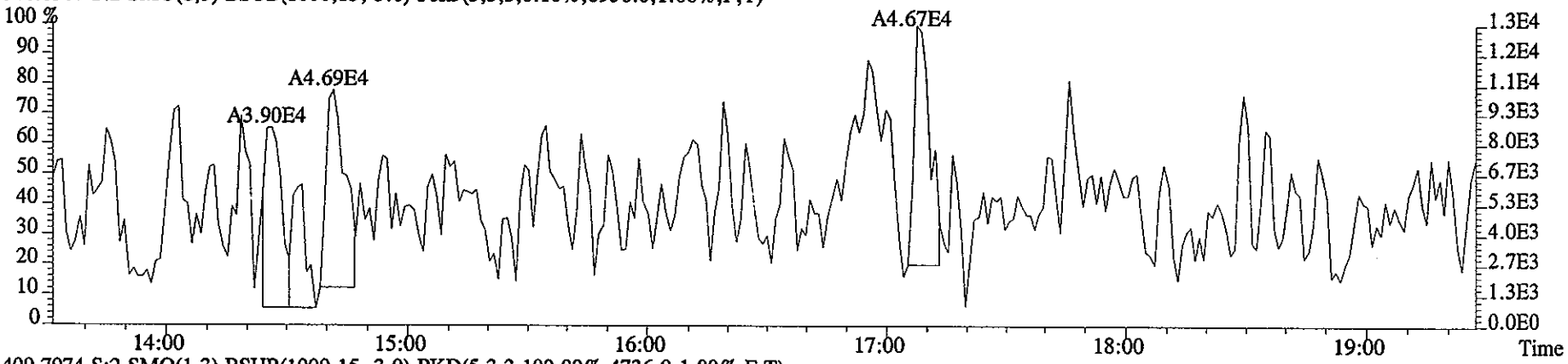
353.8970 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11576.0,1.00%,F,T)



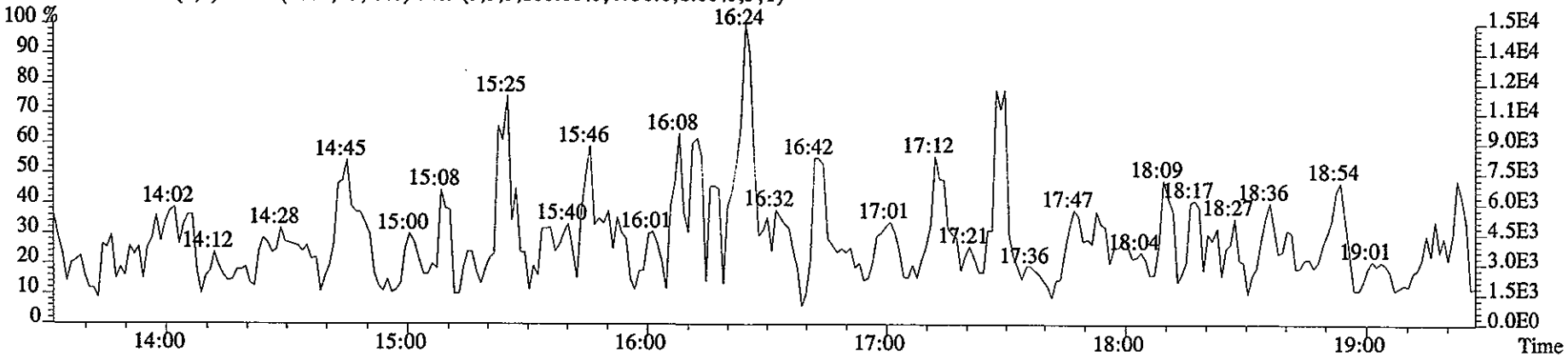
File:11JA061D5 #1-322 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN
339.8597 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6232.0,1.00%,F,T)



341.8567 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6956.0,1.00%,F,T)

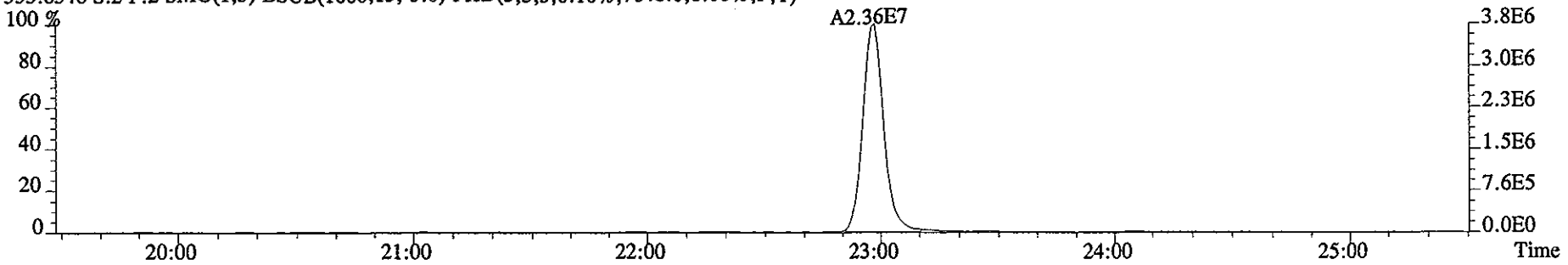


409.7974 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4736.0,1.00%,F,T)

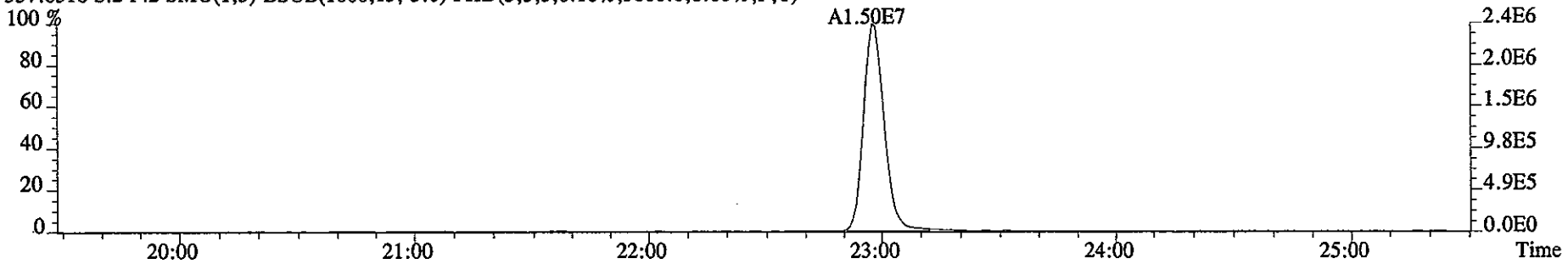


File:11JA061D5 #1-425 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN

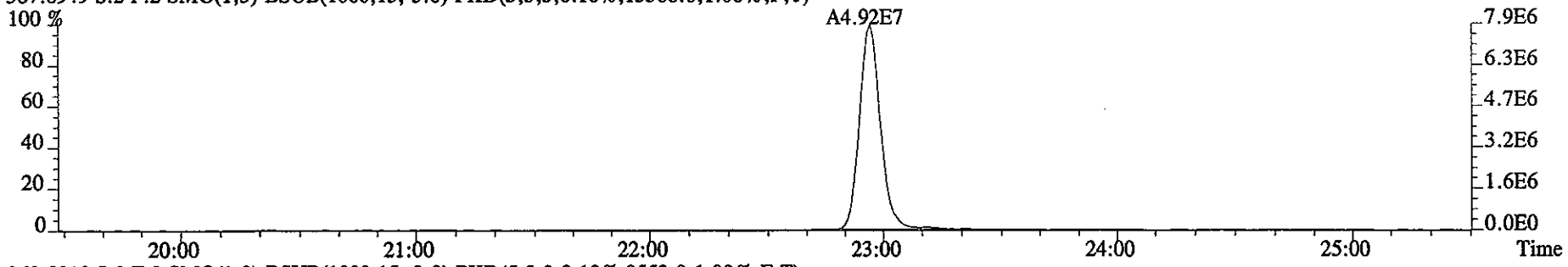
355.8546 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7648.0,1.00%,F,T)



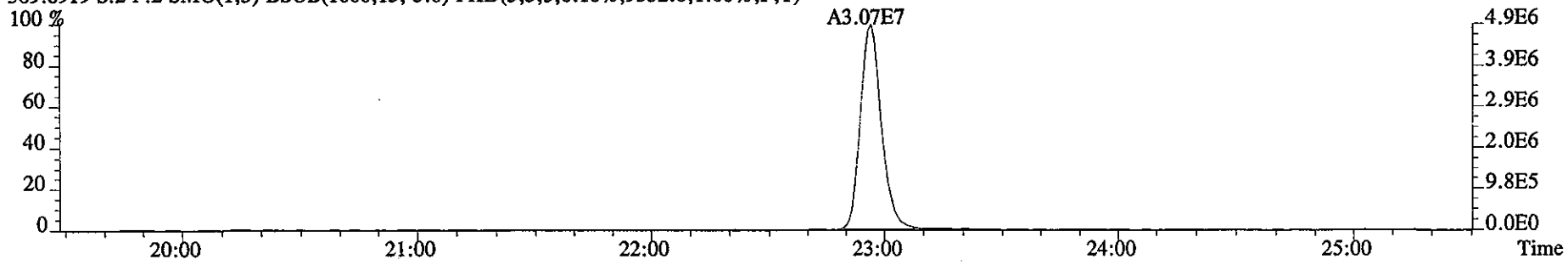
357.8516 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5880.0,1.00%,F,T)



367.8949 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13568.0,1.00%,F,T)

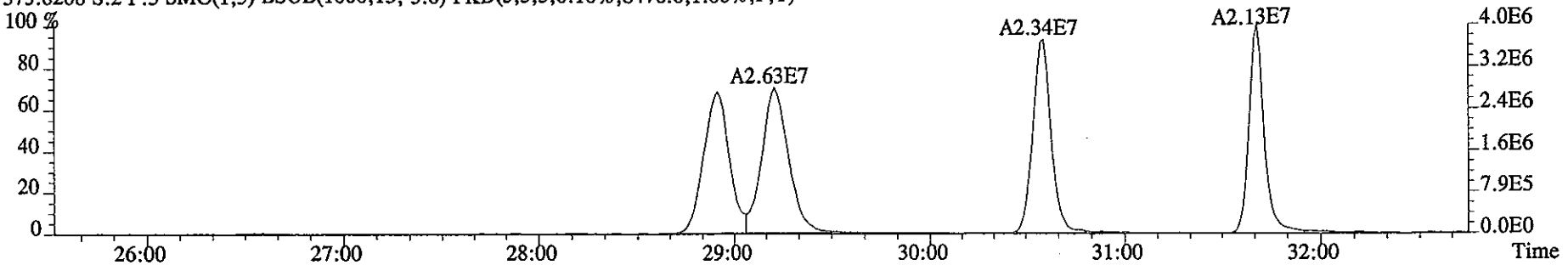


369.8919 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9552.0,1.00%,F,T)

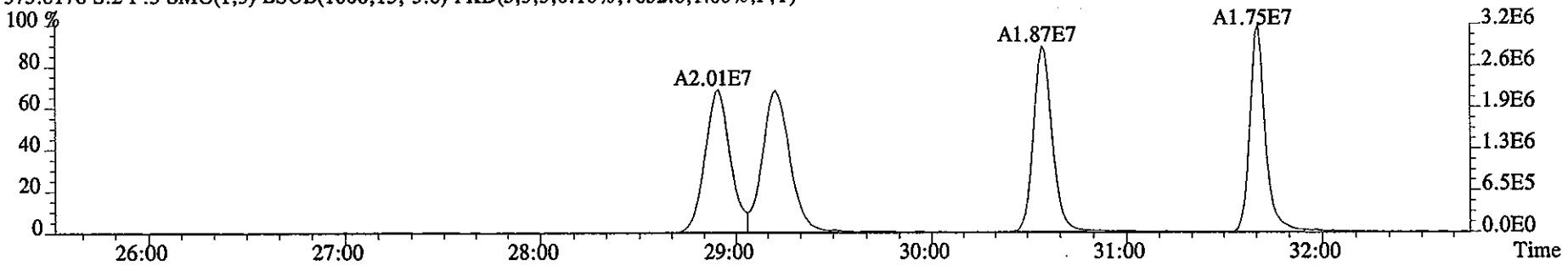


File:11JA061D5 #1-486 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN

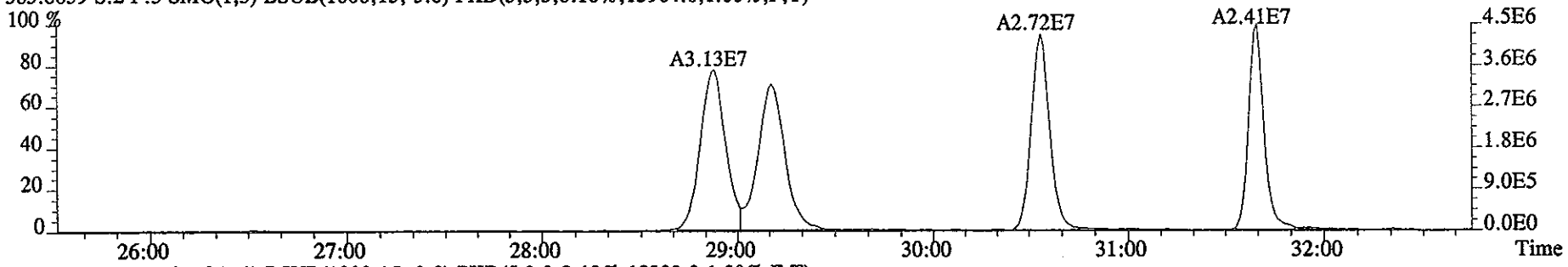
373.8208 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8476.0,1.00%,F,T)



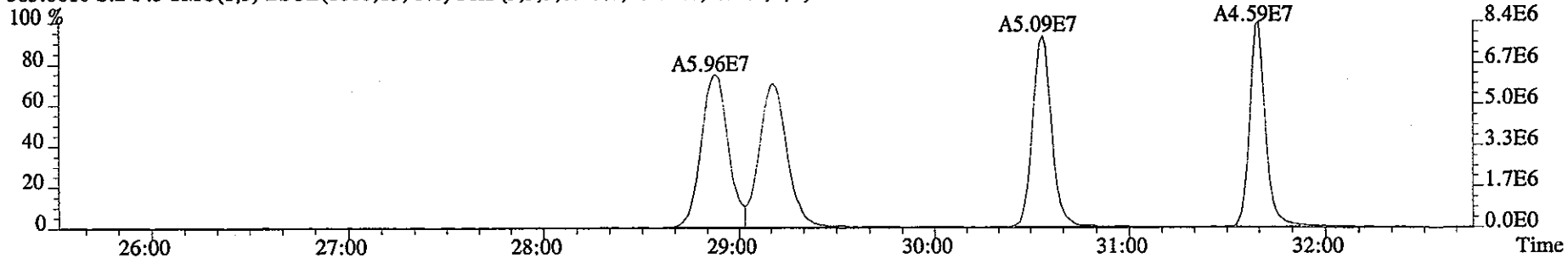
375.8178 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7652.0,1.00%,F,T)



383.8639 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15964.0,1.00%,F,T)

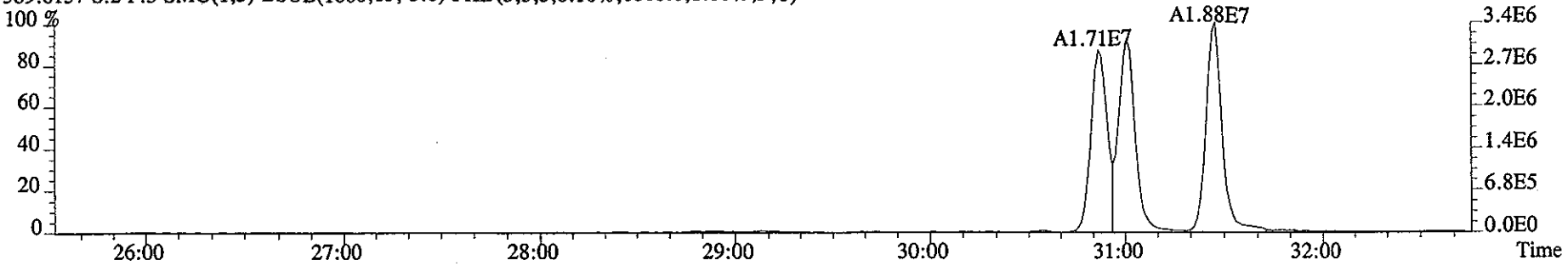


385.8610 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18292.0,1.00%,F,T)

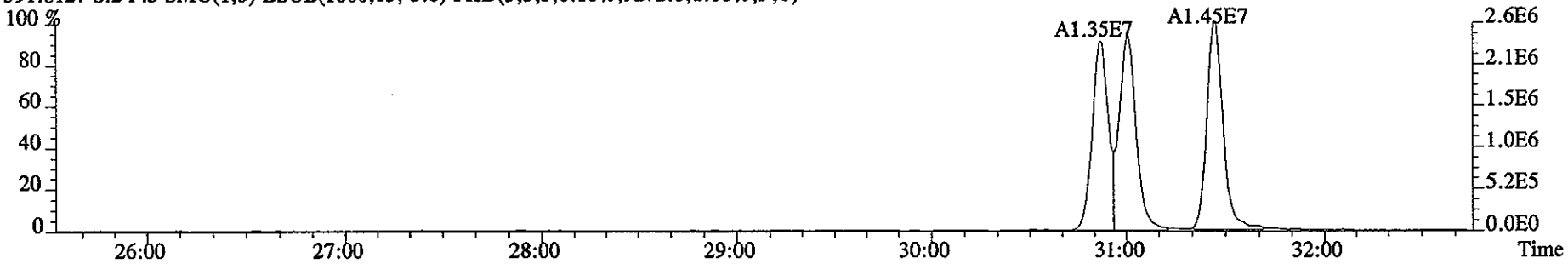


File:11JA061D5 #1-486 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN

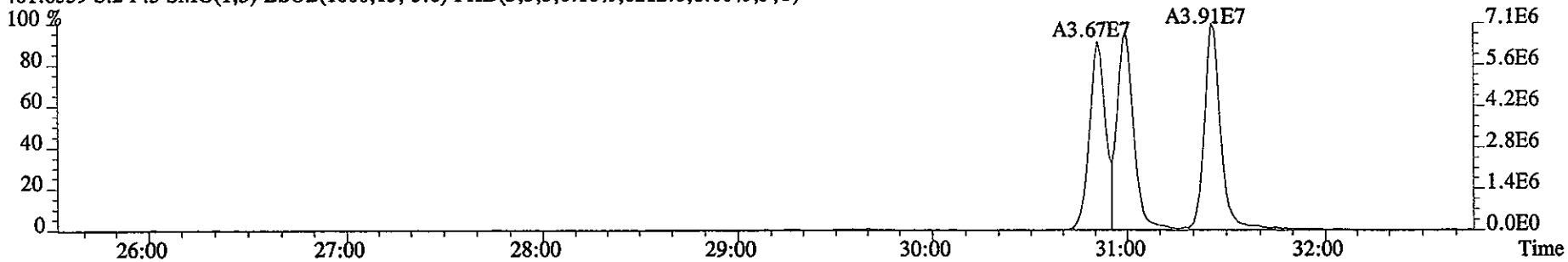
389.8157 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6860.0,1.00%,F,T)



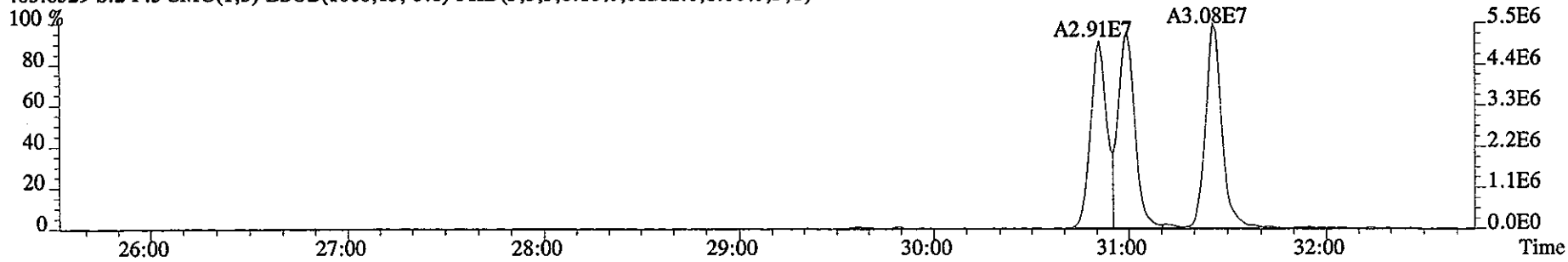
391.8127 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9272.0,1.00%,F,T)



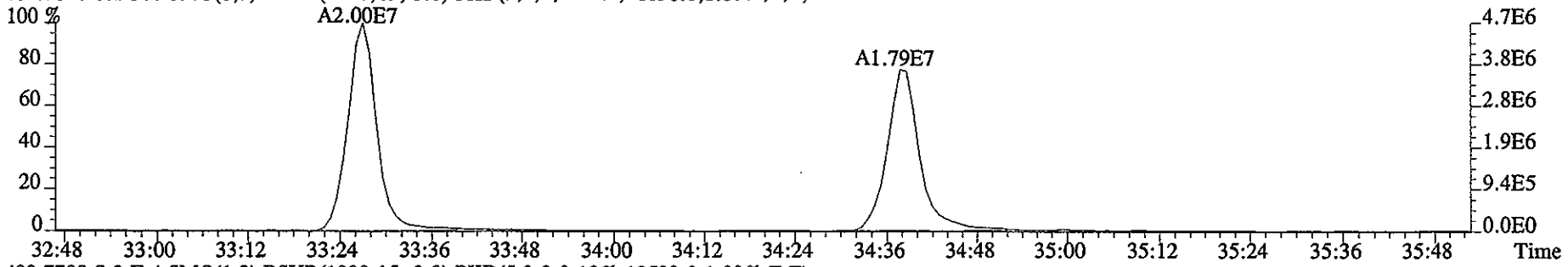
401.8559 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8212.0,1.00%,F,T)



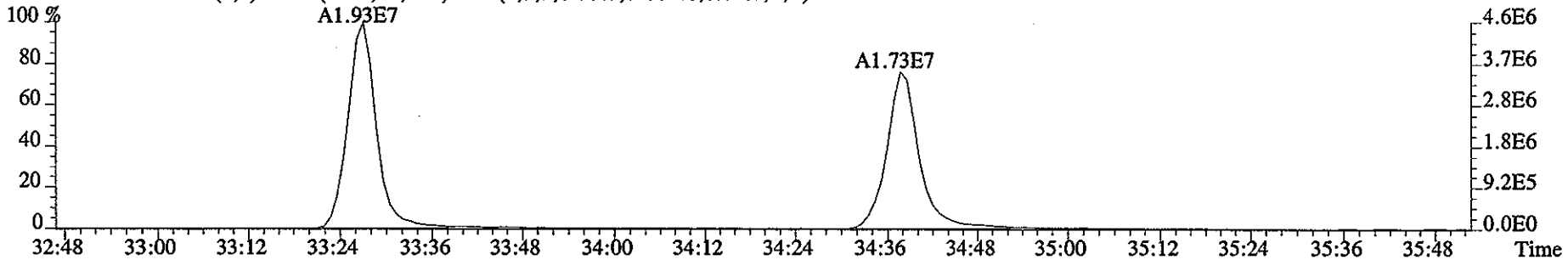
403.8529 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11212.0,1.00%,F,T)



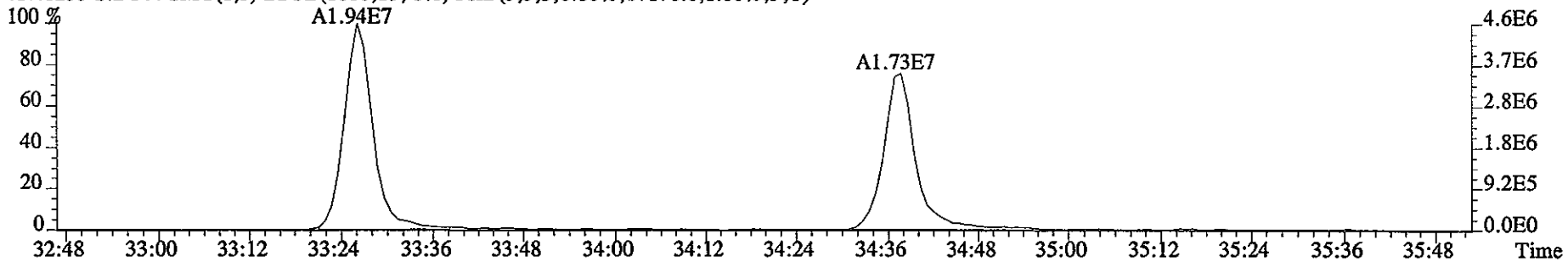
File:11JA061D5 #1-219 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN
407.7818 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11896.0,1.00%,F,T)



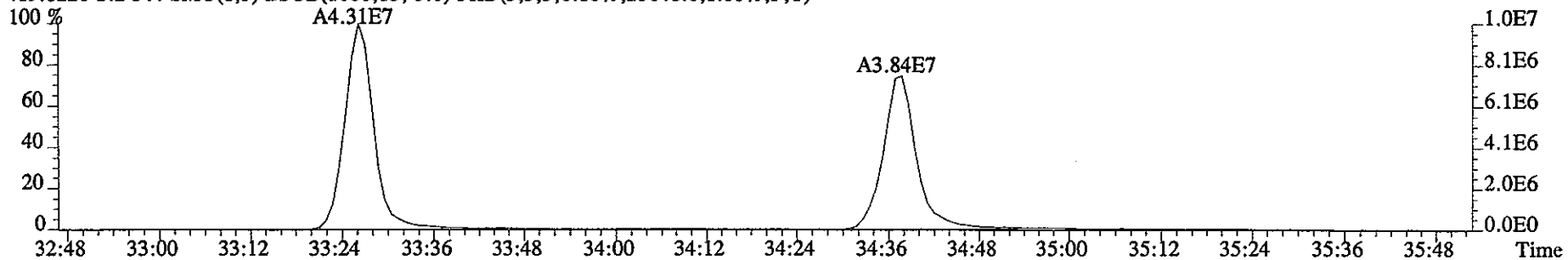
409.7789 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12532.0,1.00%,F,T)



417.8253 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17176.0,1.00%,F,T)

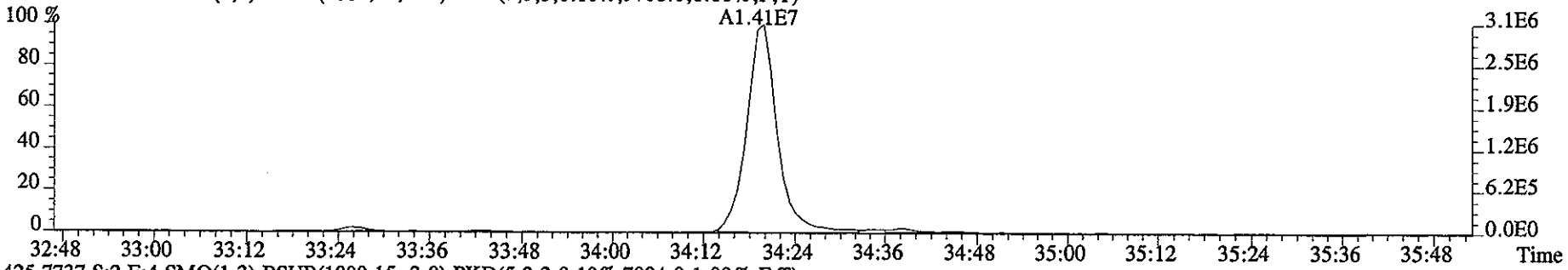


419.8220 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,23048.0,1.00%,F,T)

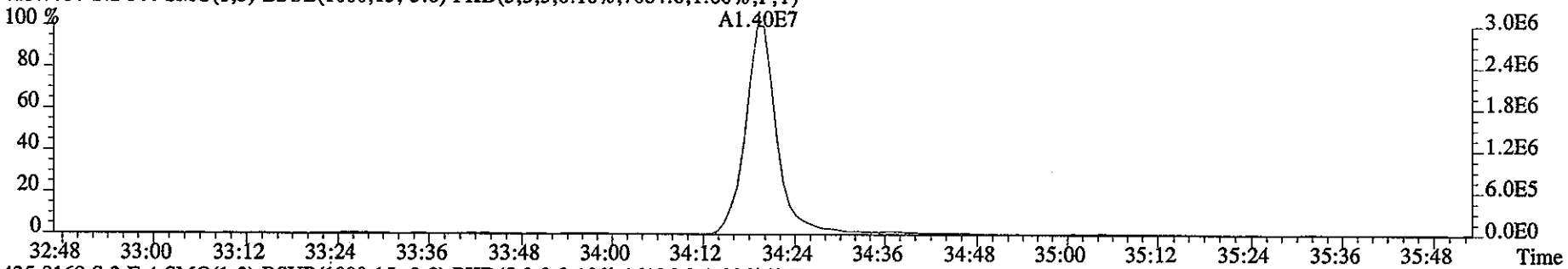


File:11JA061D5 #1-219 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN

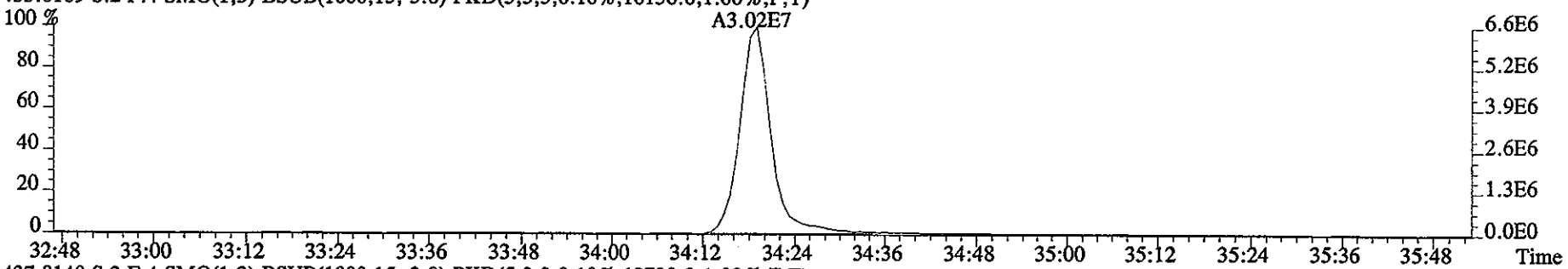
423.7766 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9708.0,1.00%,F,T)



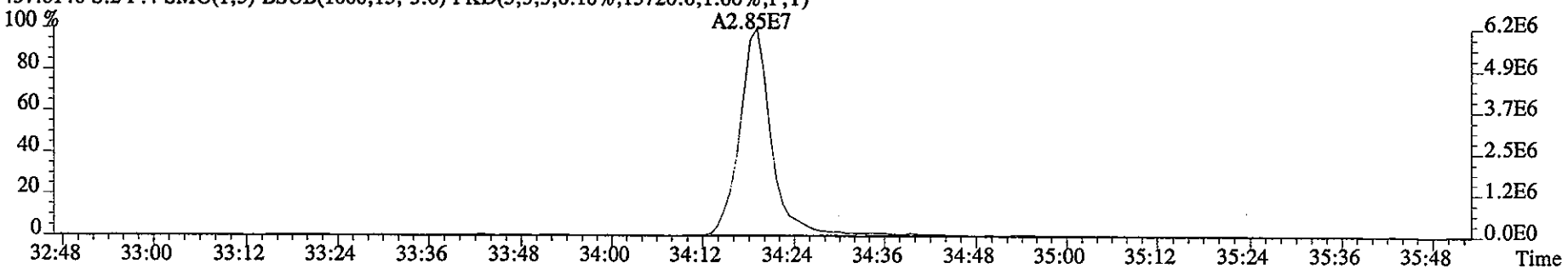
425.7737 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7084.0,1.00%,F,T)



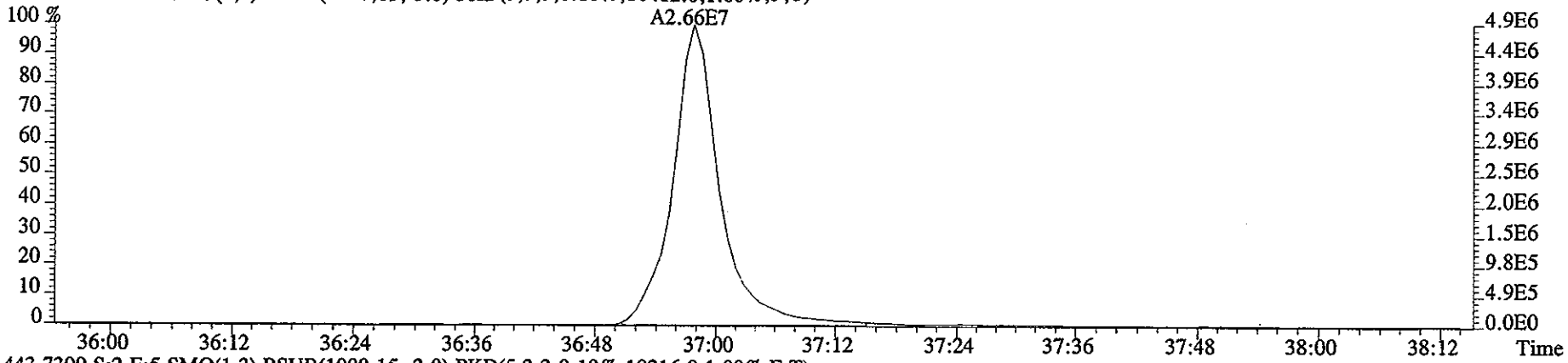
435.8169 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16136.0,1.00%,F,T)



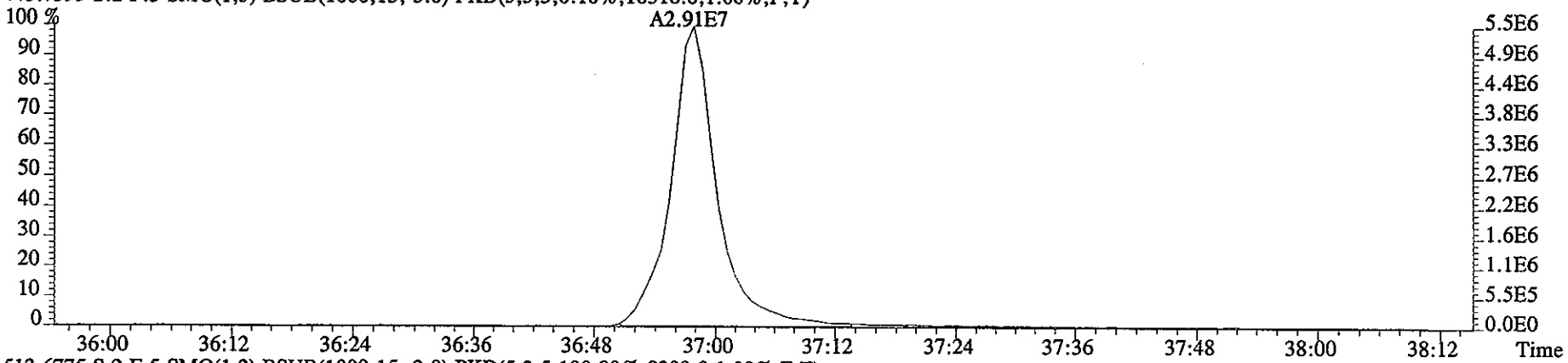
437.8140 S:2 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13720.0,1.00%,F,T)



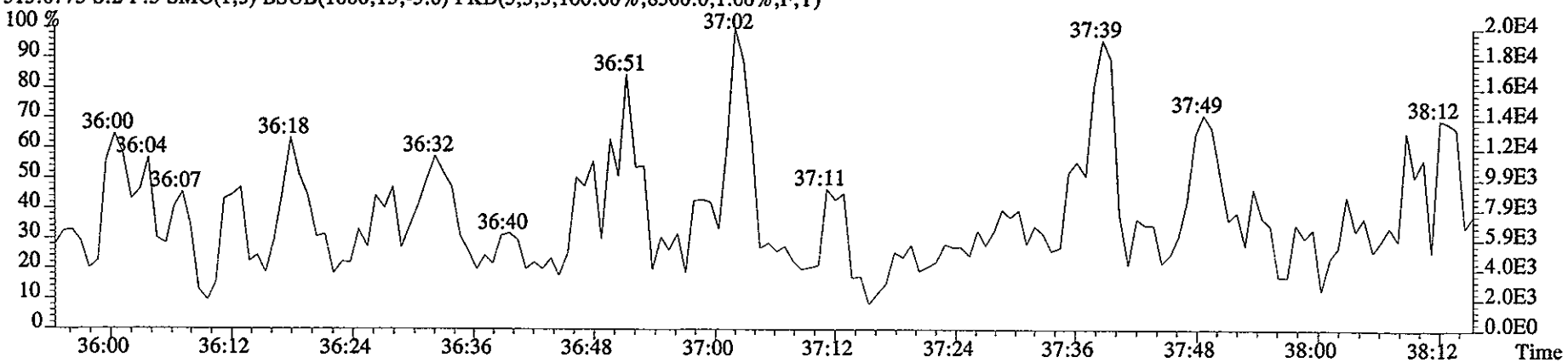
File:11JA061D5 #1-170 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN
441.7428 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10412.0,1.00%,F,T)



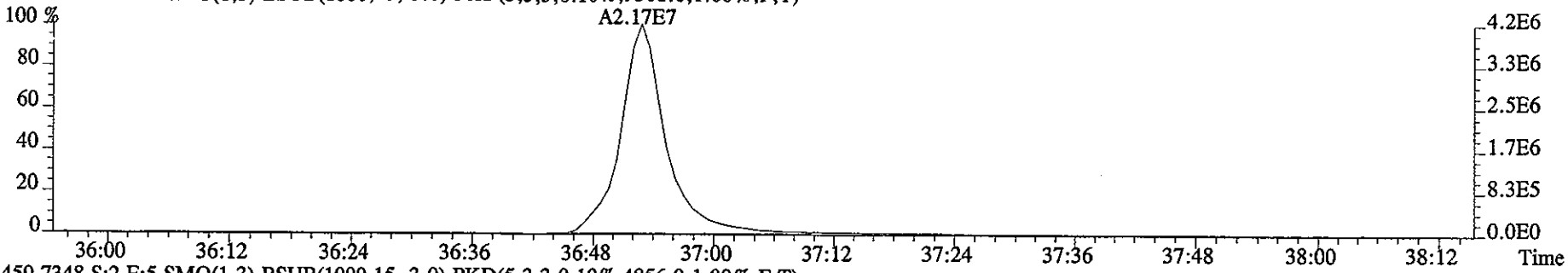
443.7399 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10316.0,1.00%,F,T)



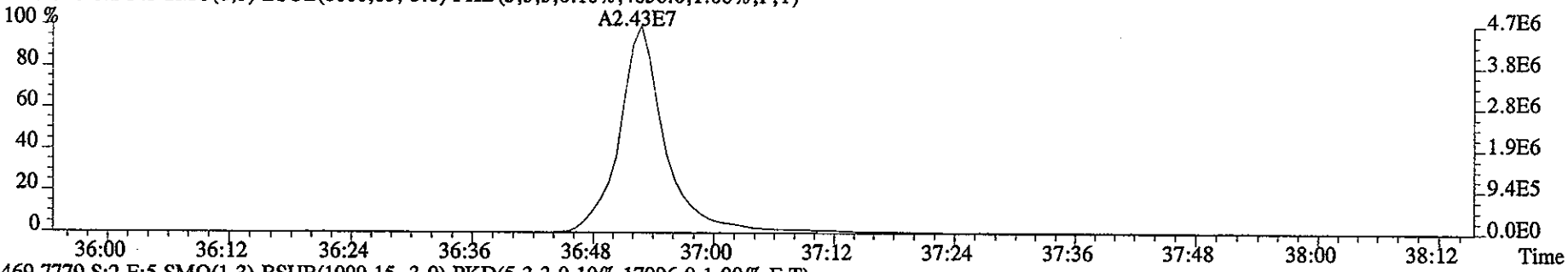
513.6775 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,8300.0,1.00%,F,T)



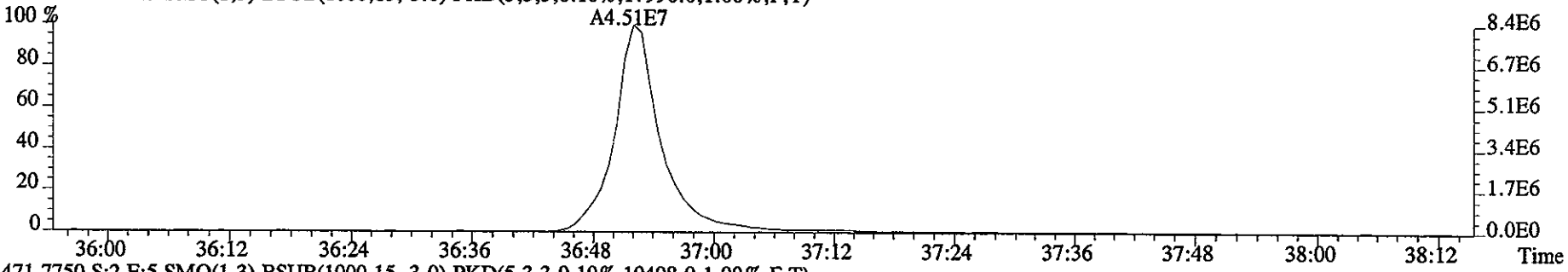
File:11JA061D5 #1-170 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN
457.7377 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9308.0,1.00%,F,T)



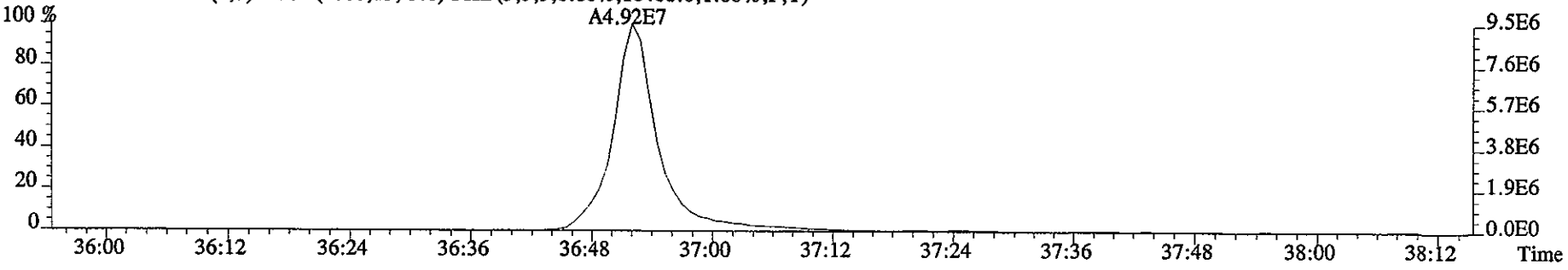
459.7348 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4856.0,1.00%,F,T)



469.7779 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17996.0,1.00%,F,T)

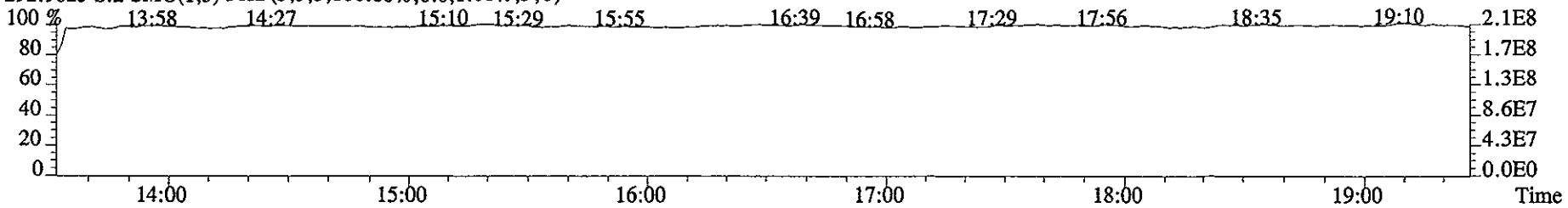


471.7750 S:2 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10408.0,1.00%,F,T)

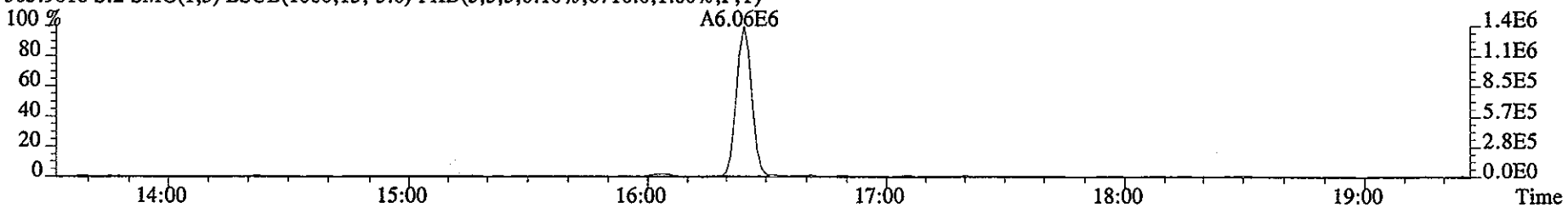


File:11JA061D5 #1-322 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN

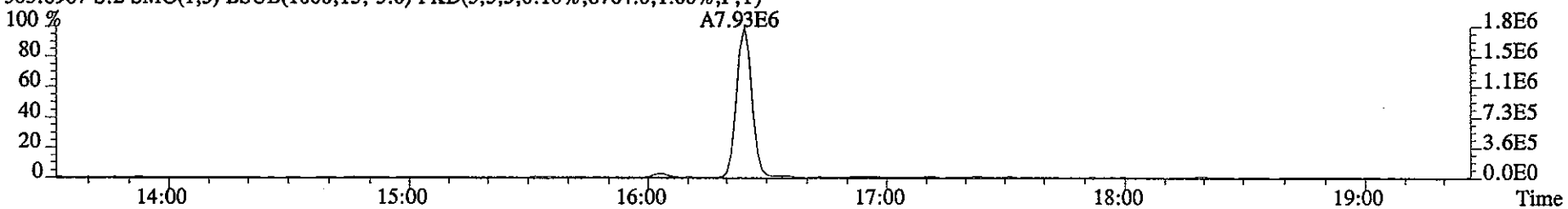
292.9825 S:2 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



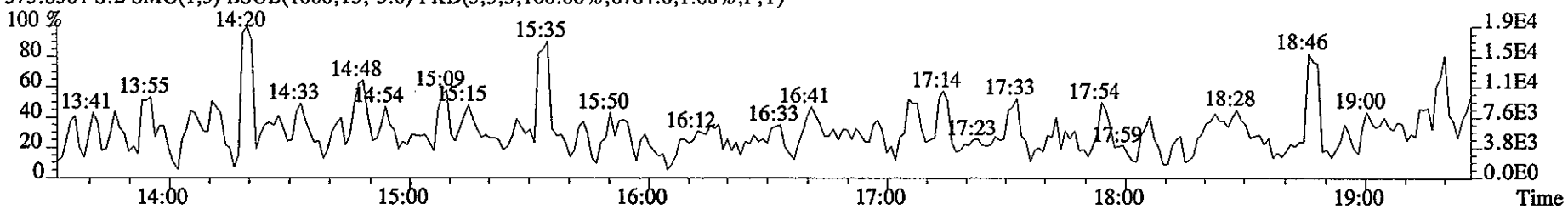
303.9016 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6716.0,1.00%,F,T)



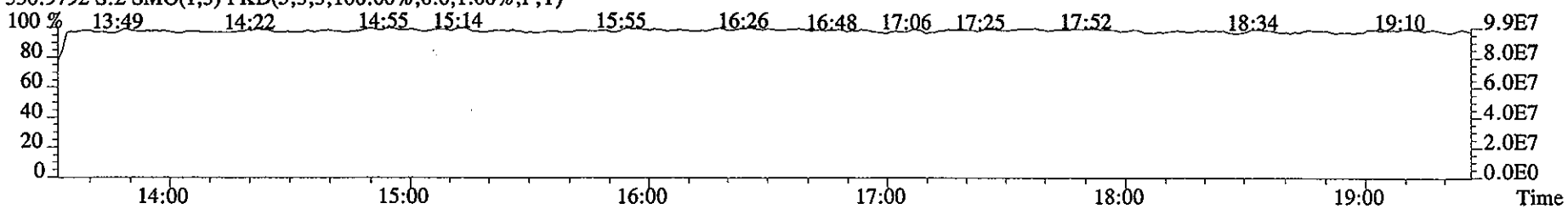
305.8987 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8764.0,1.00%,F,T)



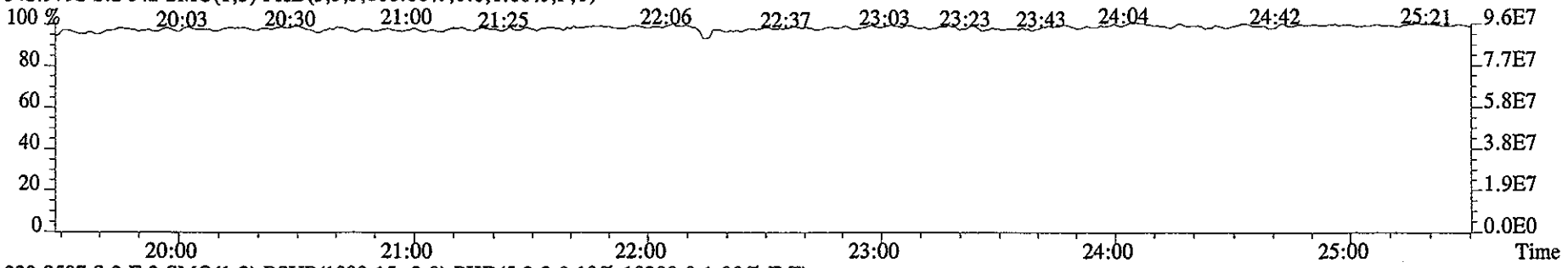
375.8364 S:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6784.0,1.00%,F,T)



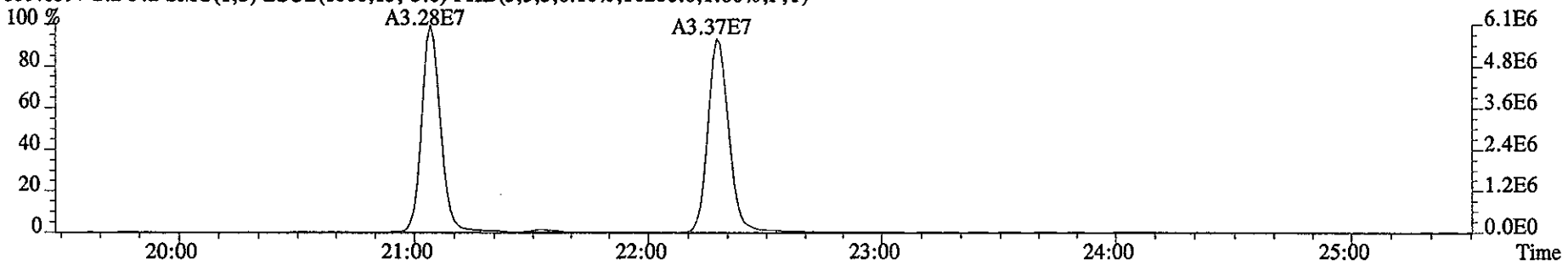
330.9792 S:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



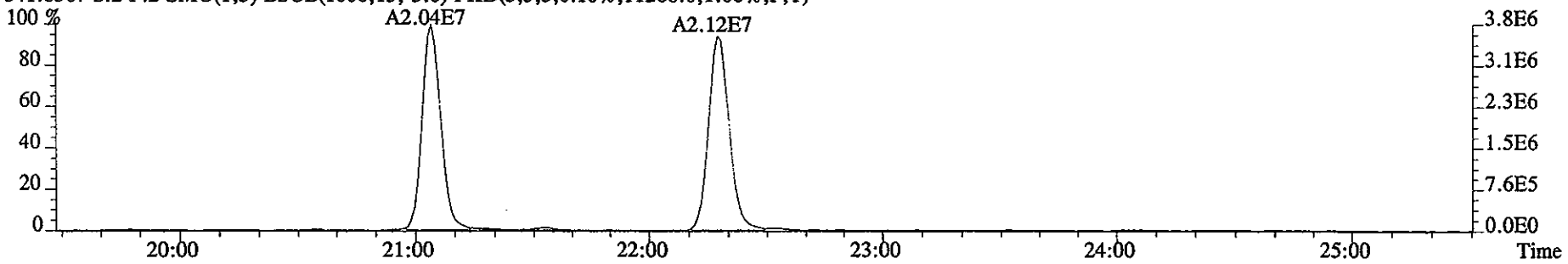
File:11JA061D5 #1-425 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN
342.9792 S:2 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



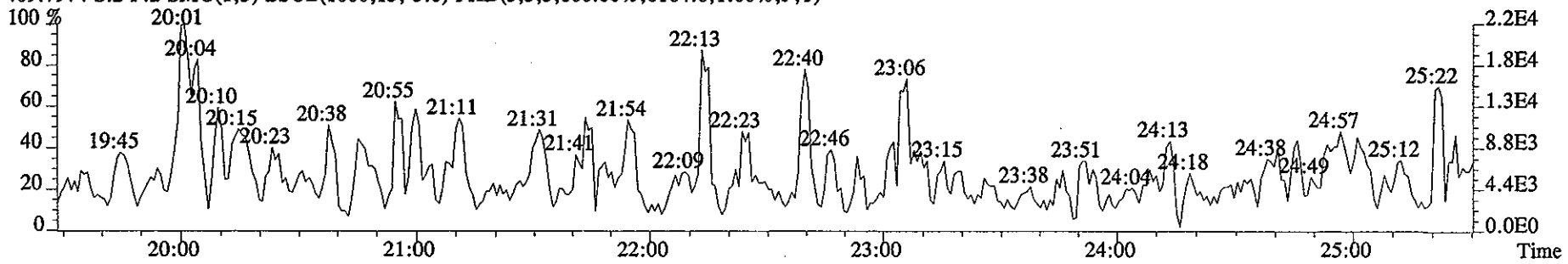
339.8597 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10200.0,1.00%,F,T)



341.8567 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11268.0,1.00%,F,T)

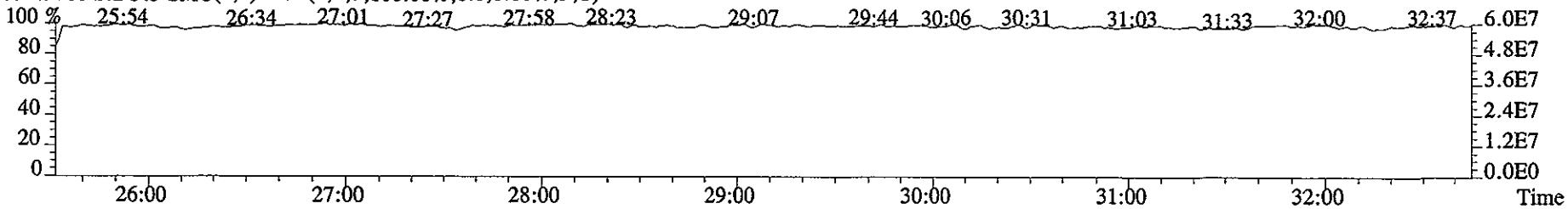


409.7974 S:2 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6164.0,1.00%,F,T)

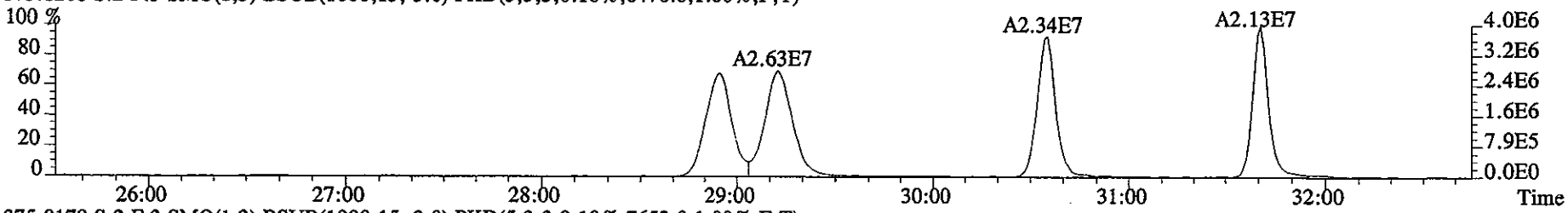


File:11JA061D5 #1-486 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN

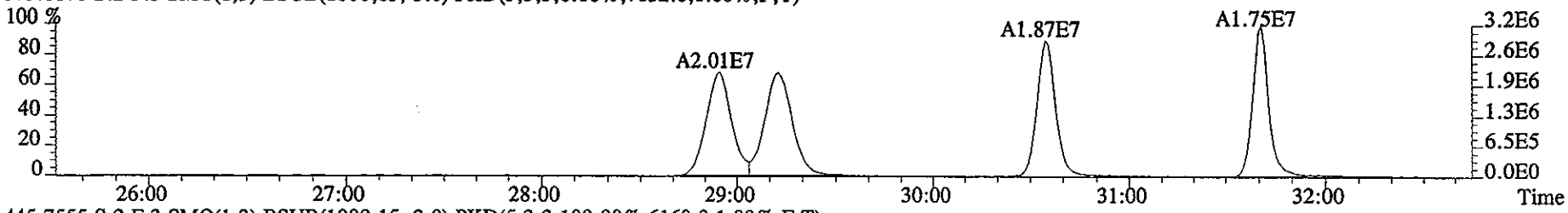
392.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



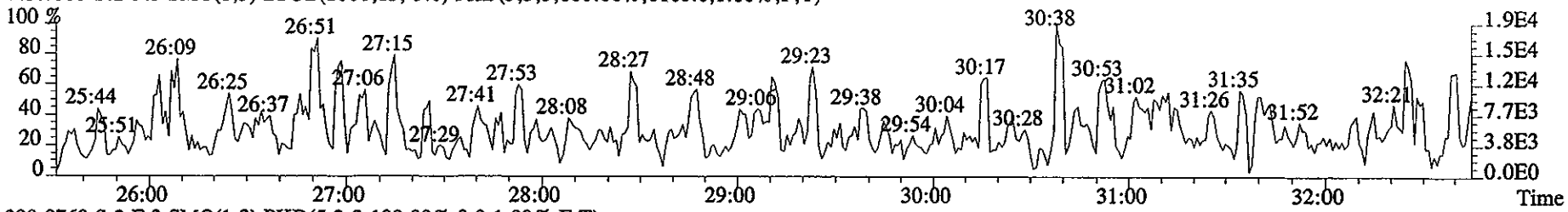
373.8208 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8476.0,1.00%,F,T)



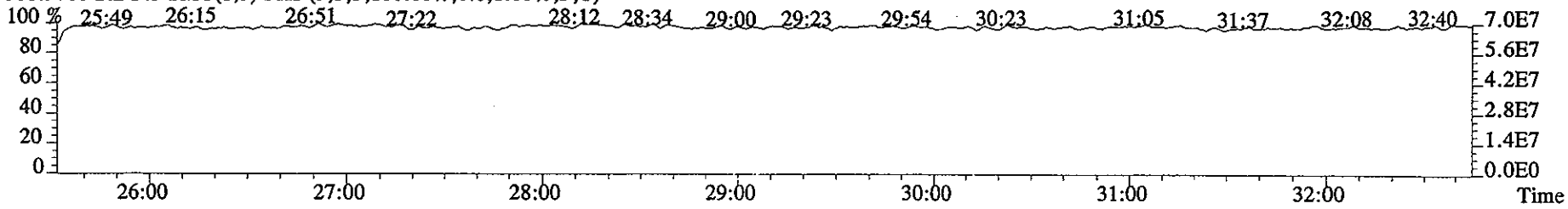
375.8178 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7652.0,1.00%,F,T)



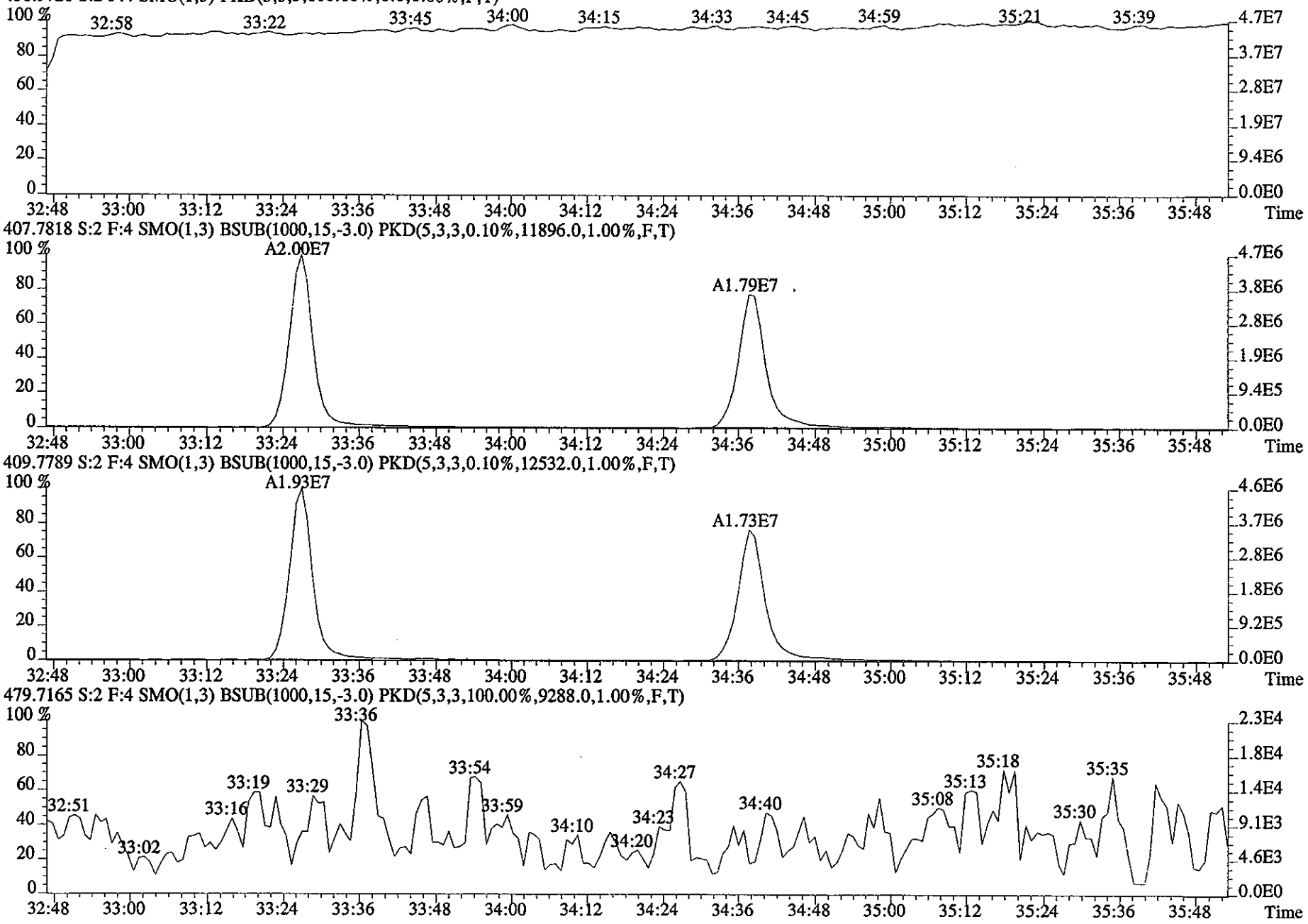
445.7555 S:2 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6160.0,1.00%,F,T)



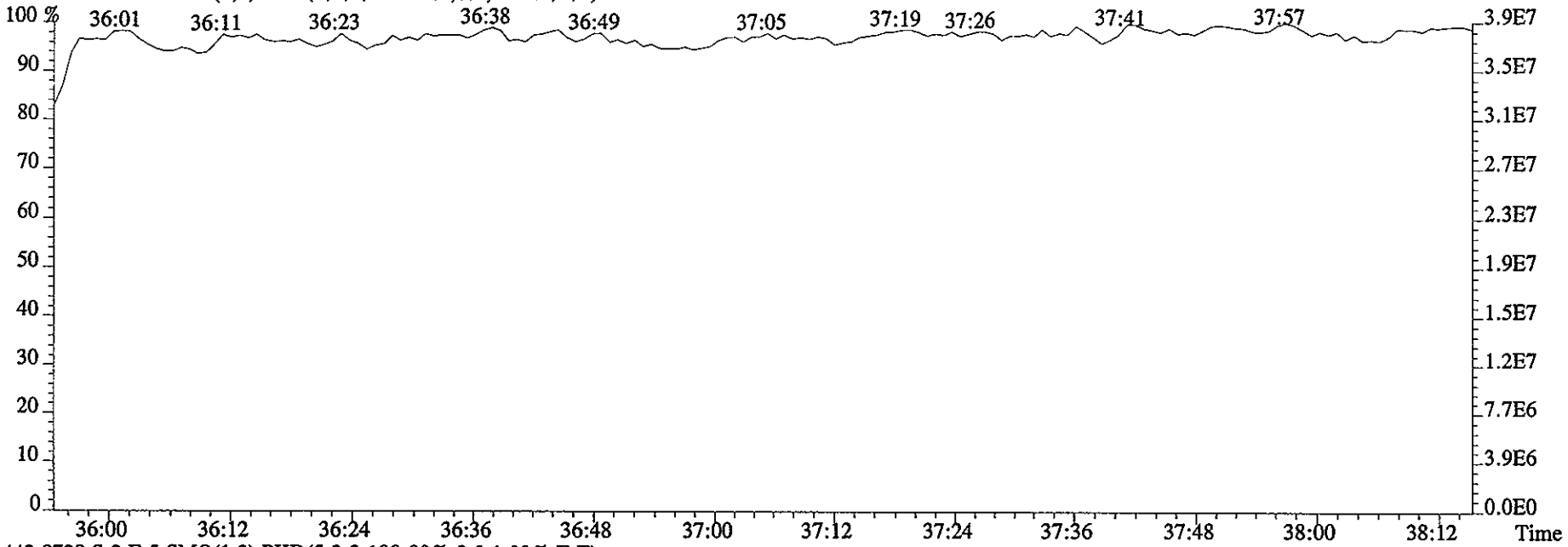
380.9760 S:2 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



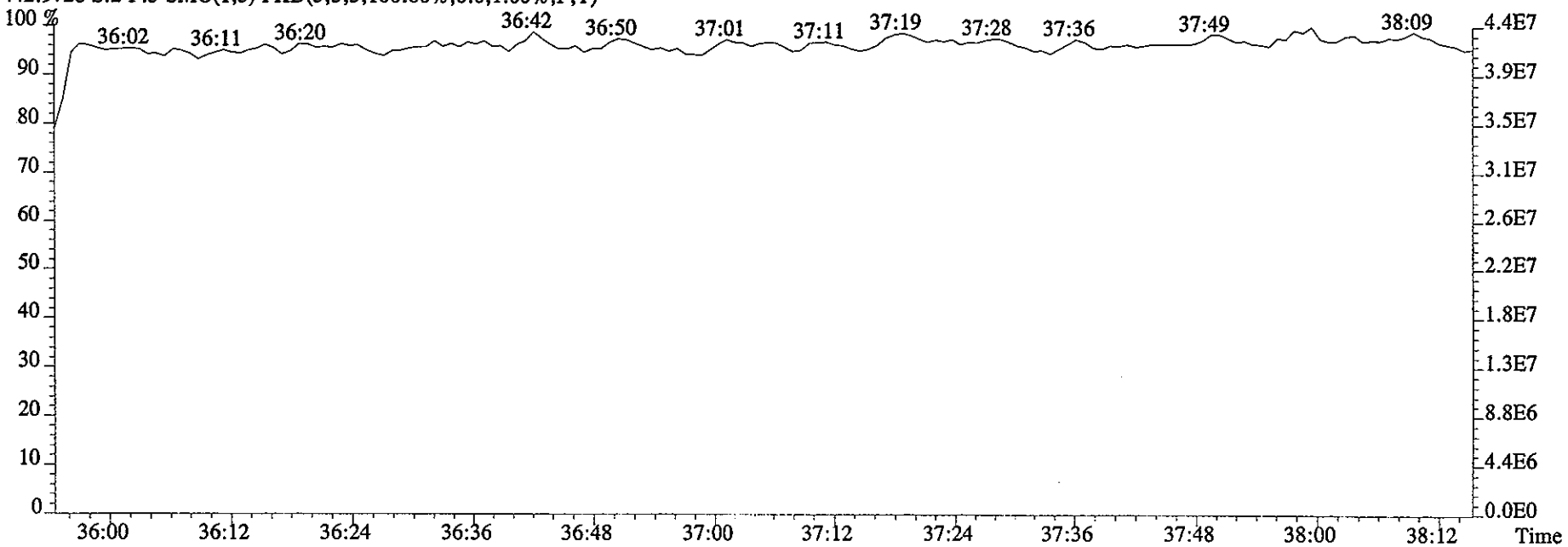
File:11JA061D5 #1-219 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN



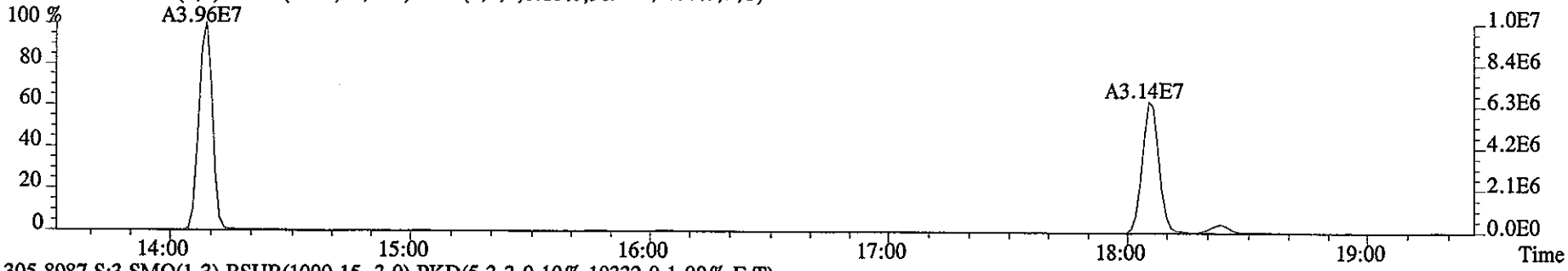
File:11JA061D5 #1-170 Acq:11-JAN-2006 09:22:44 GC EI+ Voltage SIR 70SE
Sample#2 Text:ST0111A :CS3 2565-41C Exp:DIOXIN
454.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



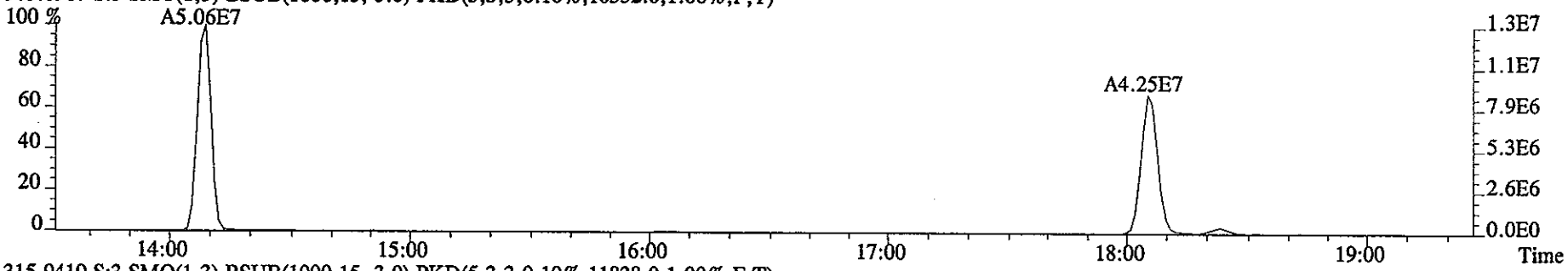
442.9728 S:2 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



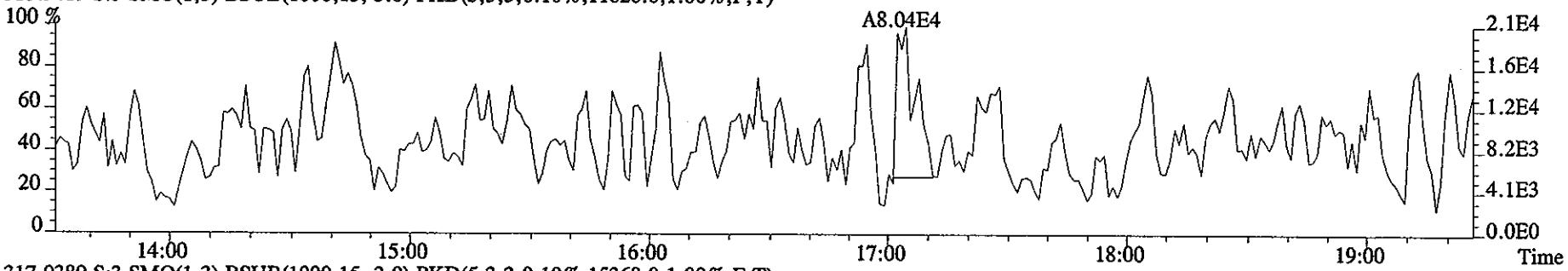
File:11JA061D5 #1-322 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9628.0,1.00%,F,T)



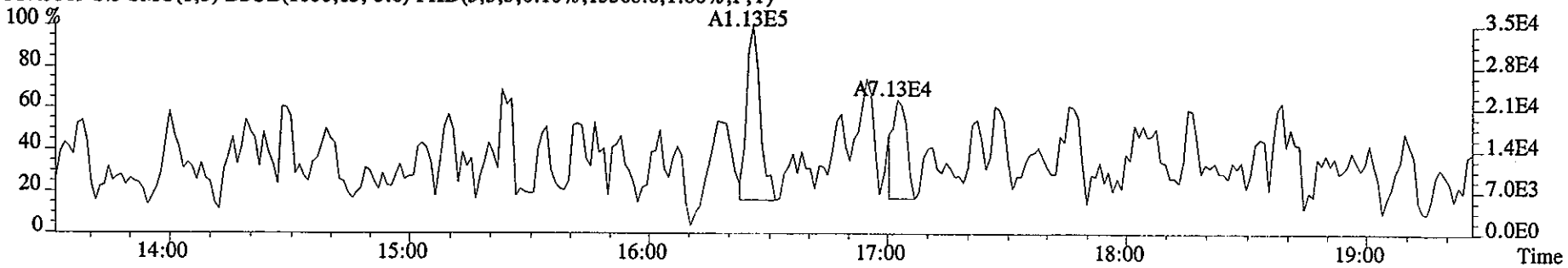
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10332.0,1.00%,F,T)



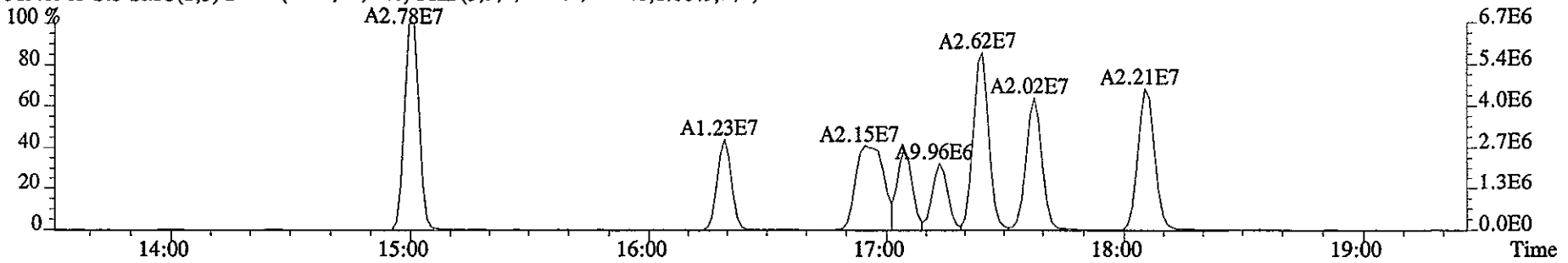
315.9419 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11828.0,1.00%,F,T)



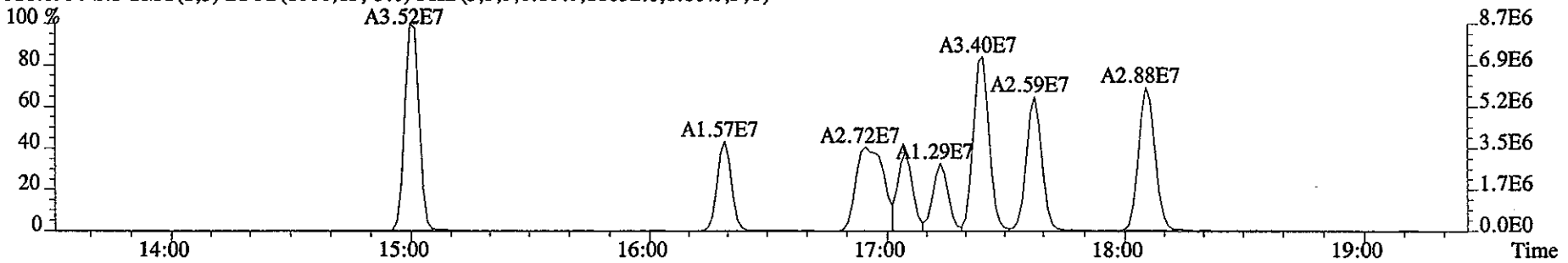
317.9389 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15368.0,1.00%,F,T)



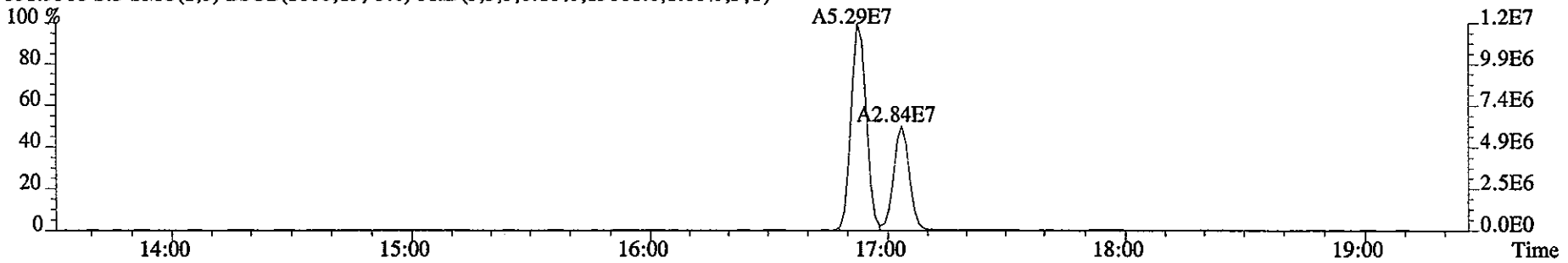
File:11JA061D5 #1-322 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN
319.8965 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8032.0,1.00%,F,T)



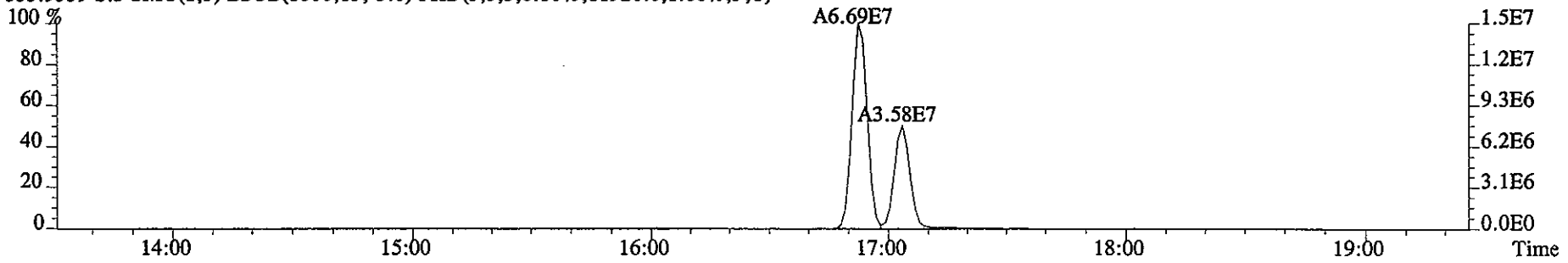
321.8936 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11052.0,1.00%,F,T)



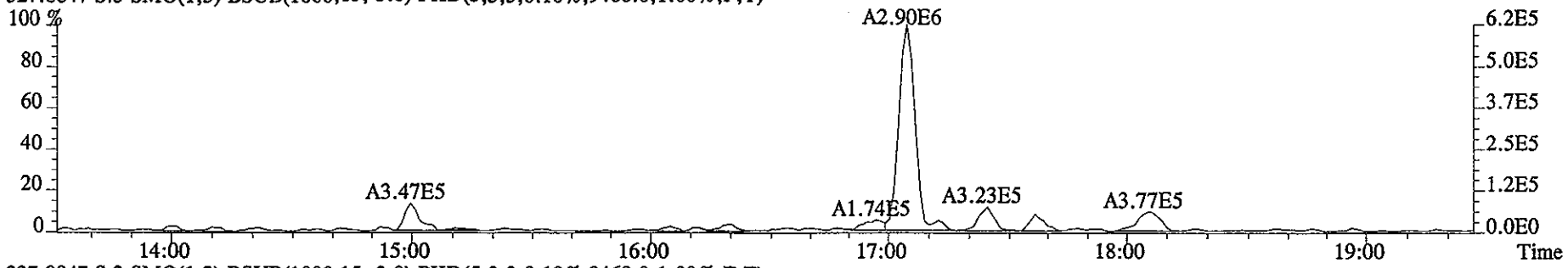
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19068.0,1.00%,F,T)



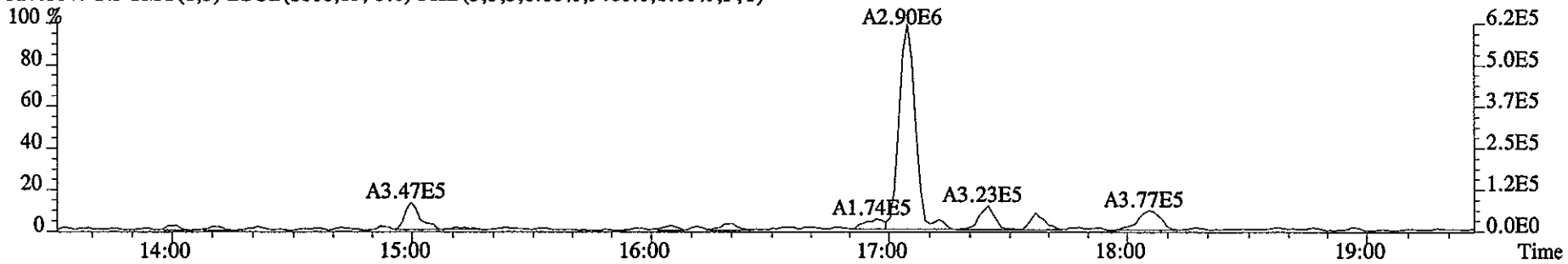
333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11920.0,1.00%,F,T)



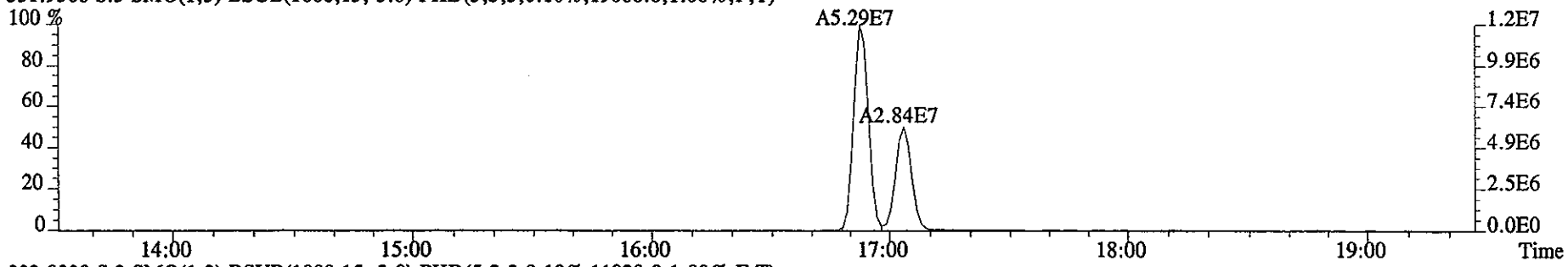
File:11JA061D5 #1-322 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9468.0,1.00%,F,T)



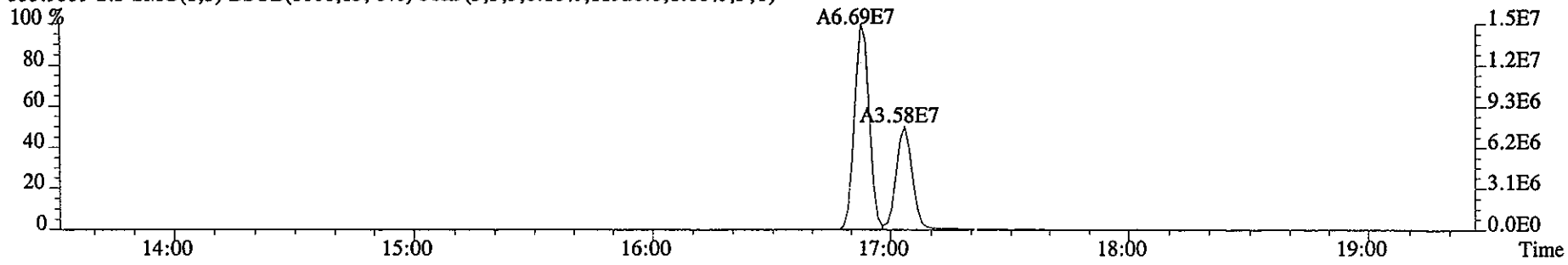
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9468.0,1.00%,F,T)



331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19068.0,1.00%,F,T)

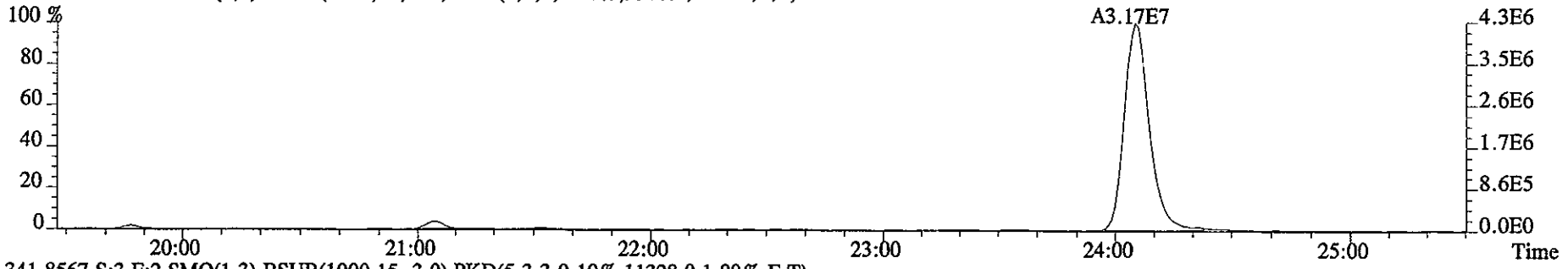


333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11920.0,1.00%,F,T)

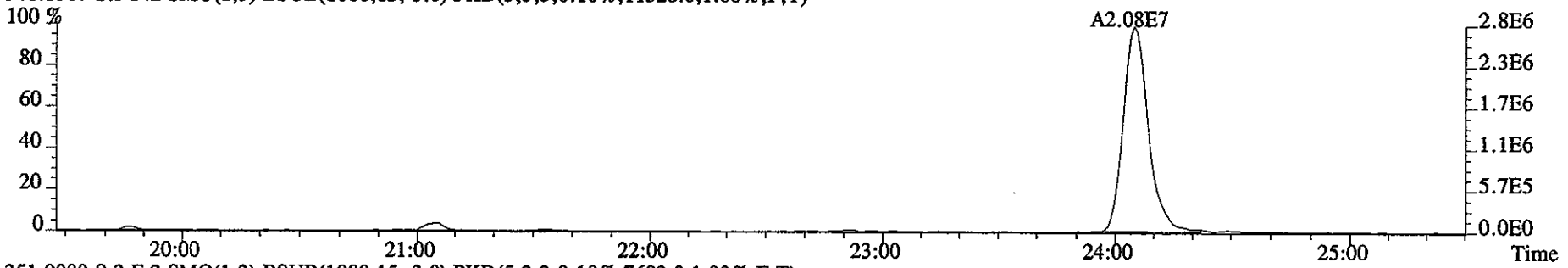


File:11JA061D5 #1-426 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN

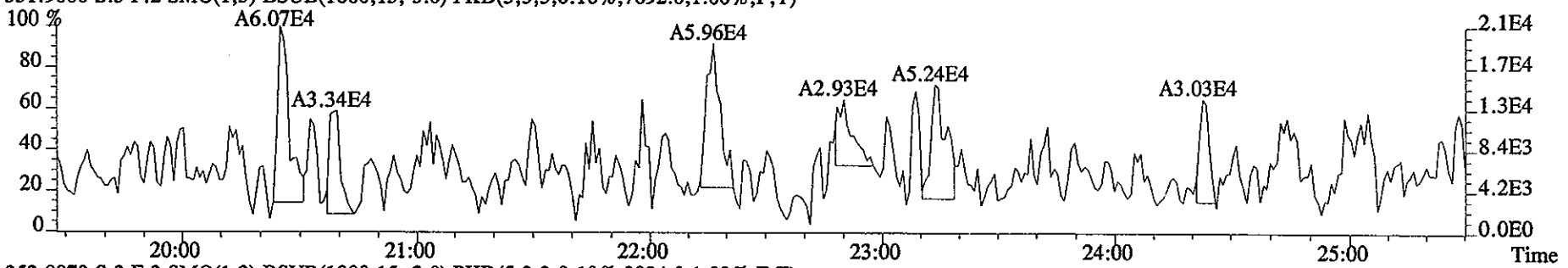
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9316.0,1.00%,F,T)



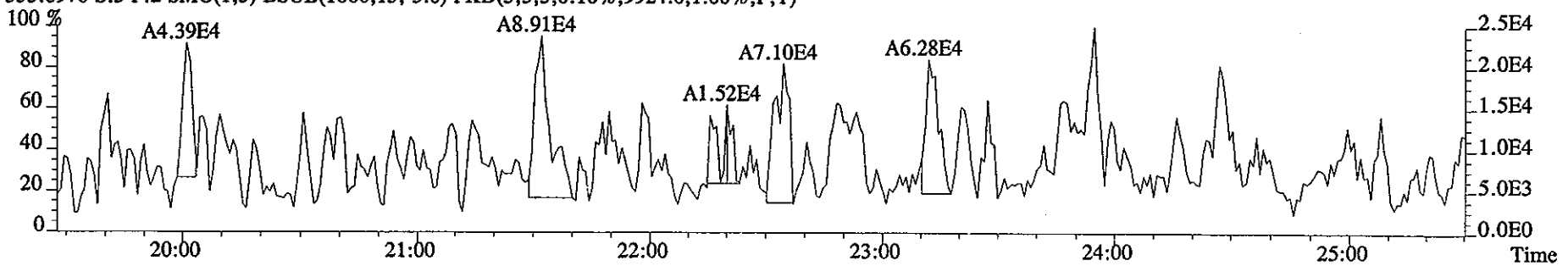
341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11328.0,1.00%,F,T)



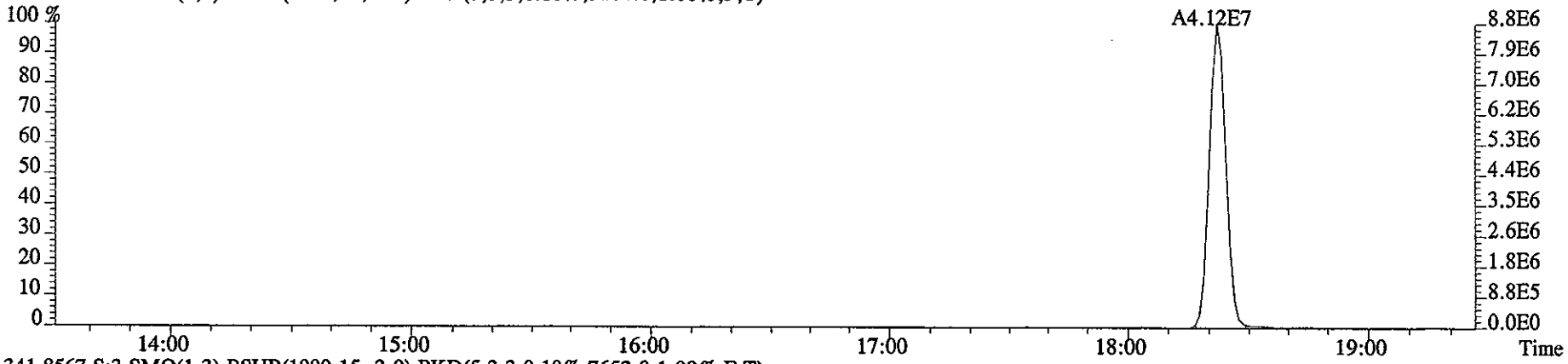
351.9000 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7692.0,1.00%,F,T)



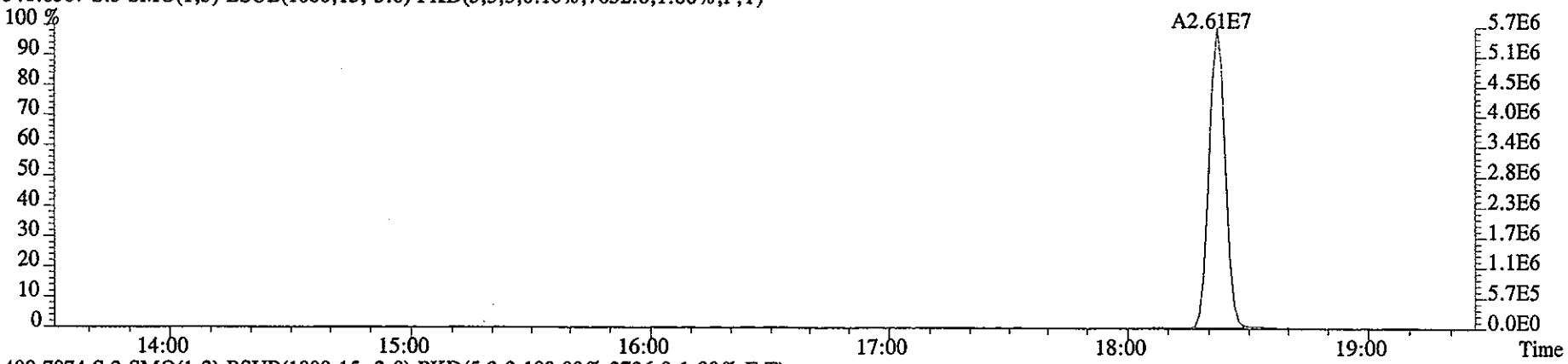
353.8970 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9924.0,1.00%,F,T)



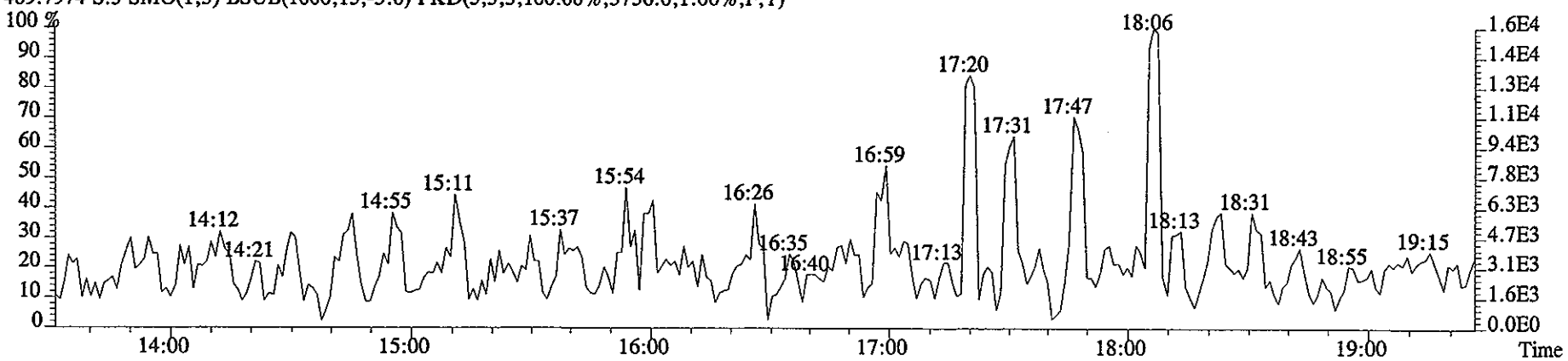
File:11JA061D5 #1-322 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN
339.8597 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5164.0,1.00%,F,T)



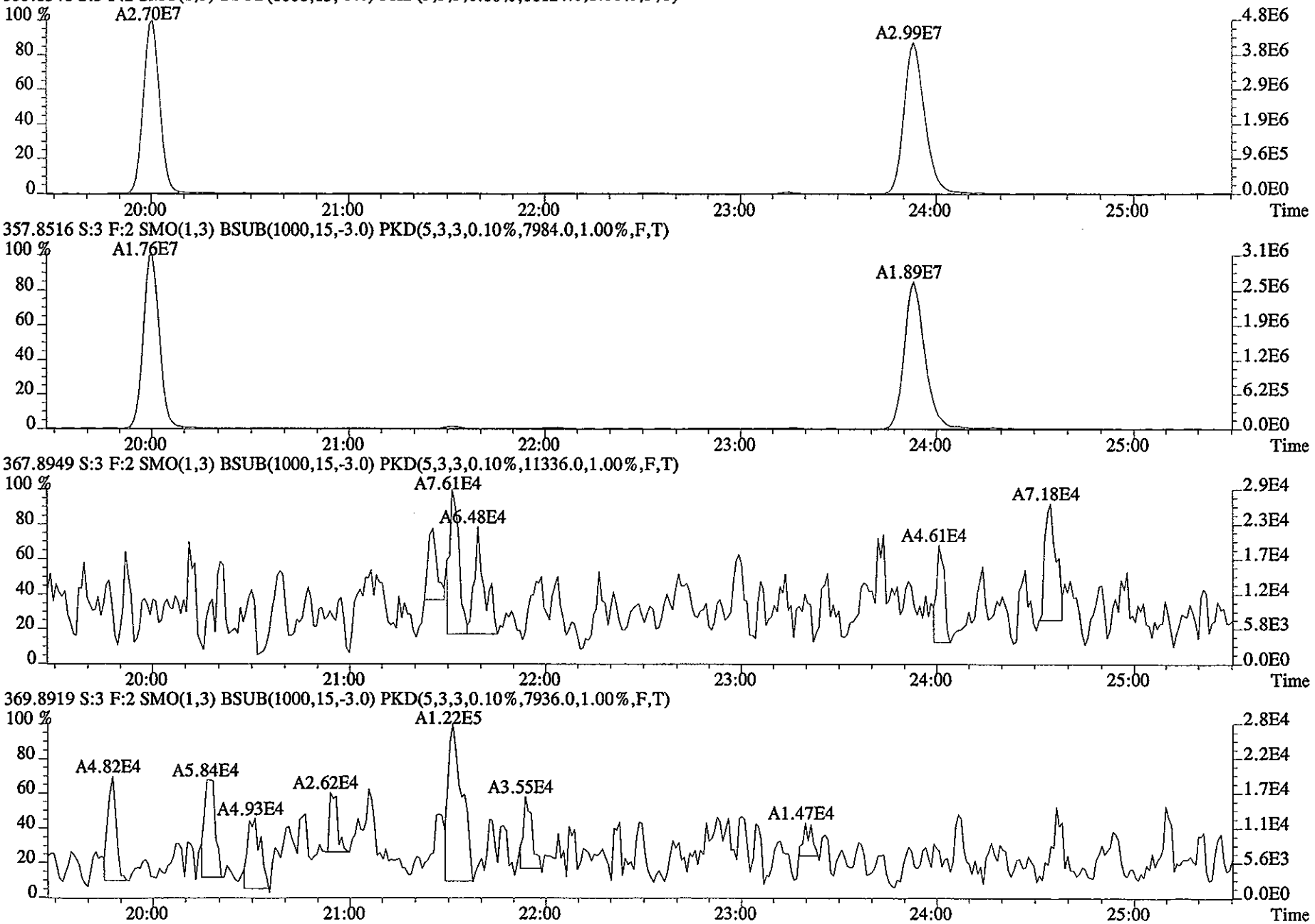
341.8567 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7652.0,1.00%,F,T)



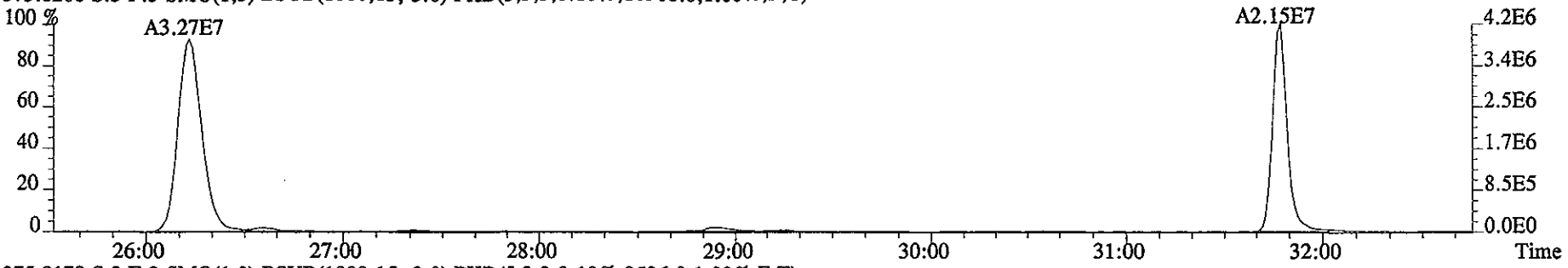
409.7974 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3736.0,1.00%,F,T)



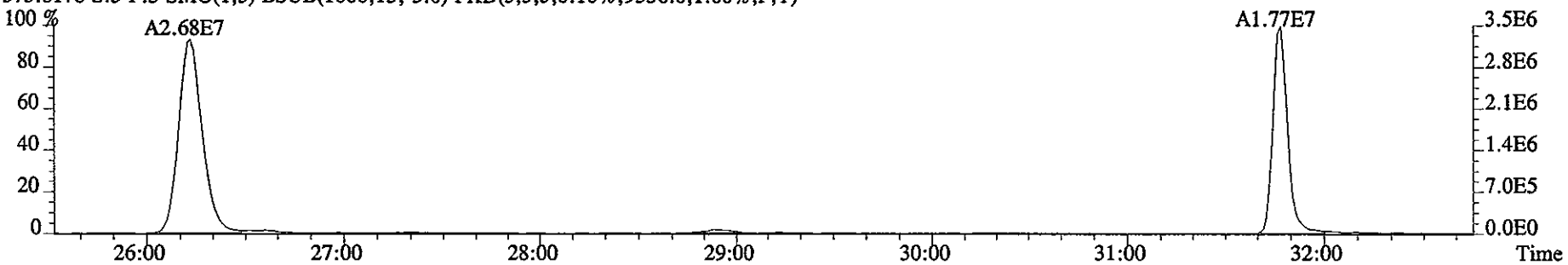
File:11JA061D5 #1-426 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN



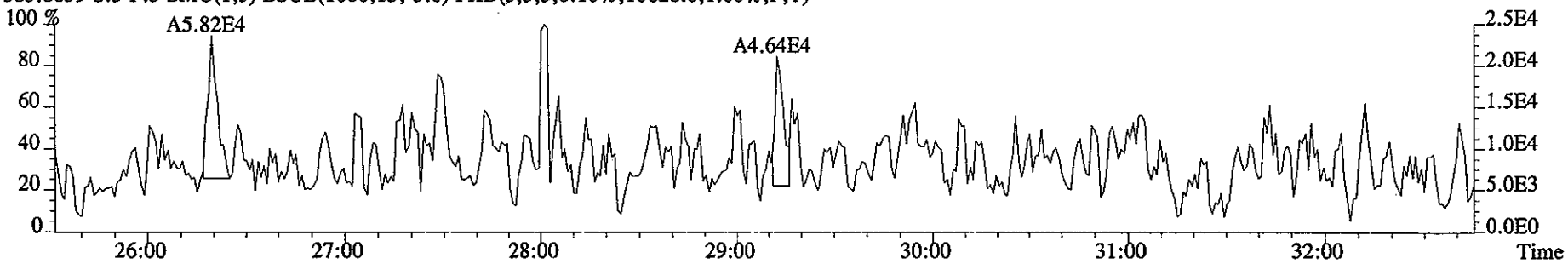
File:11JA061D5 #1-486 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN
373.8208 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10908.0,1.00%,F,T)



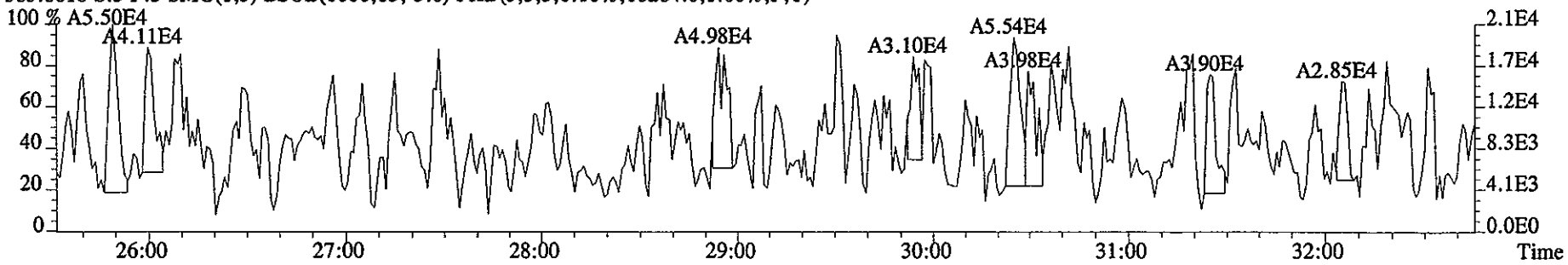
375.8178 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9536.0,1.00%,F,T)



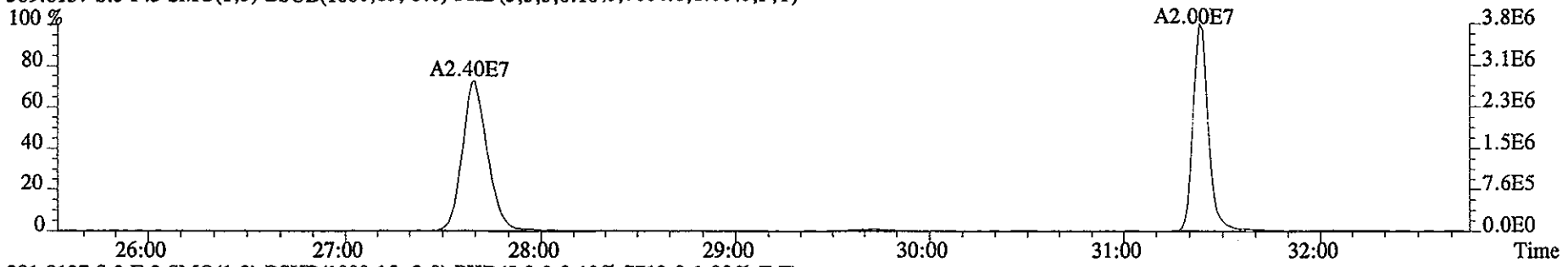
383.8639 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10628.0,1.00%,F,T)

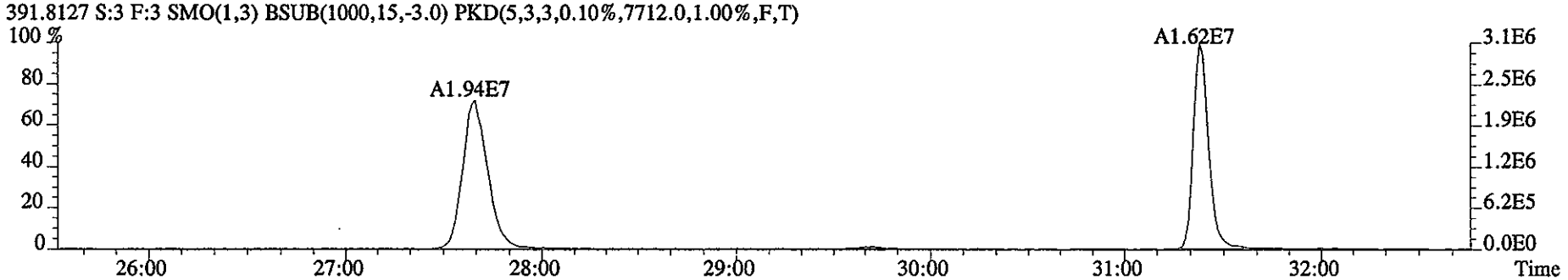


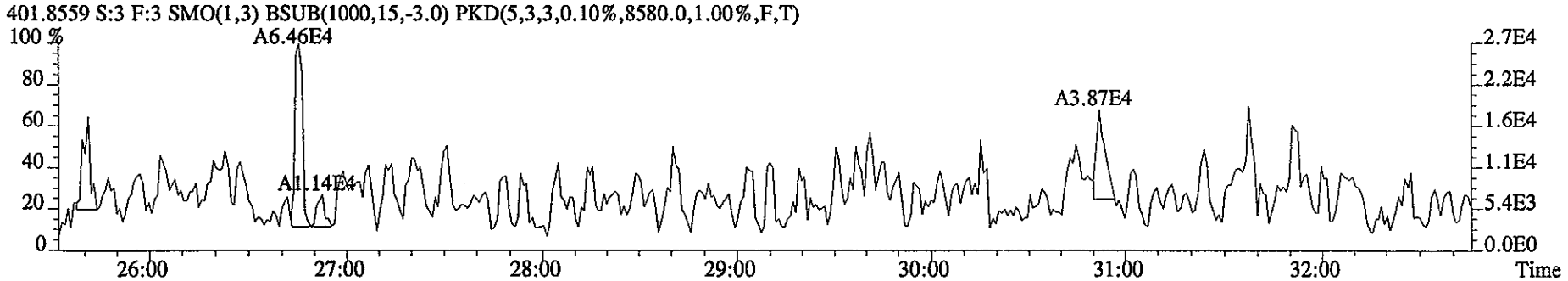
385.8610 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10284.0,1.00%,F,T)

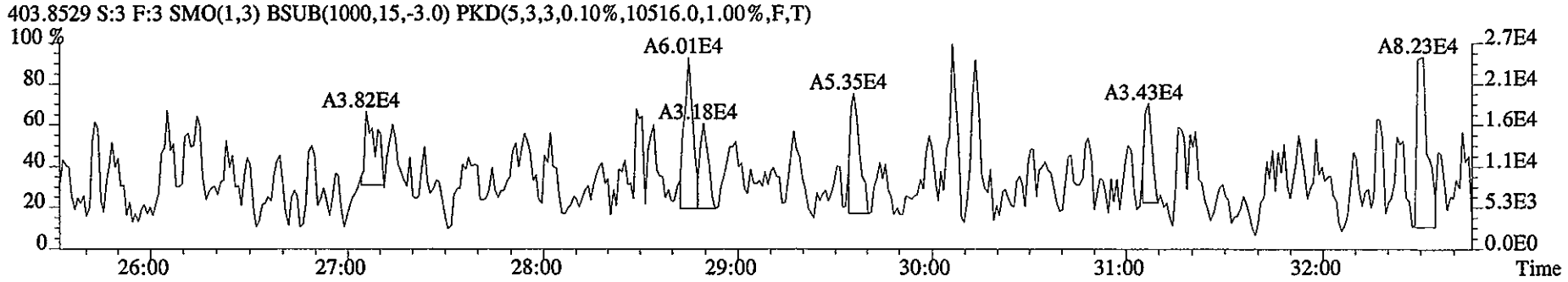


File:11JA061D5 #1-486 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN

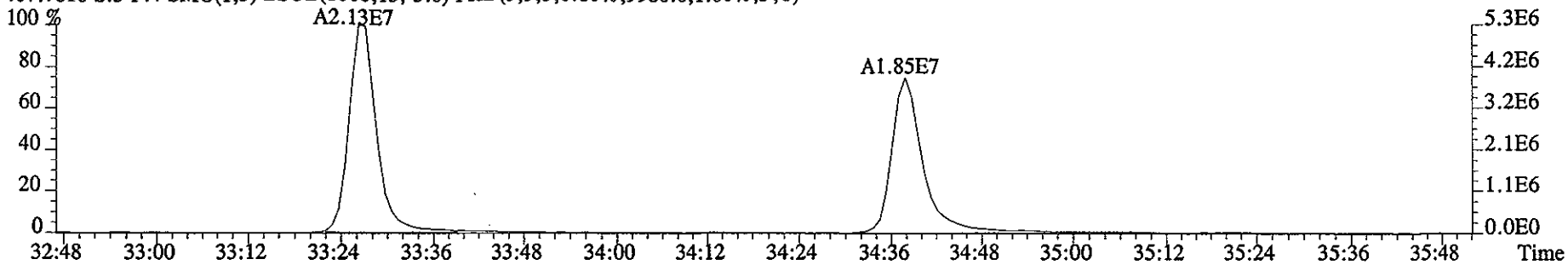




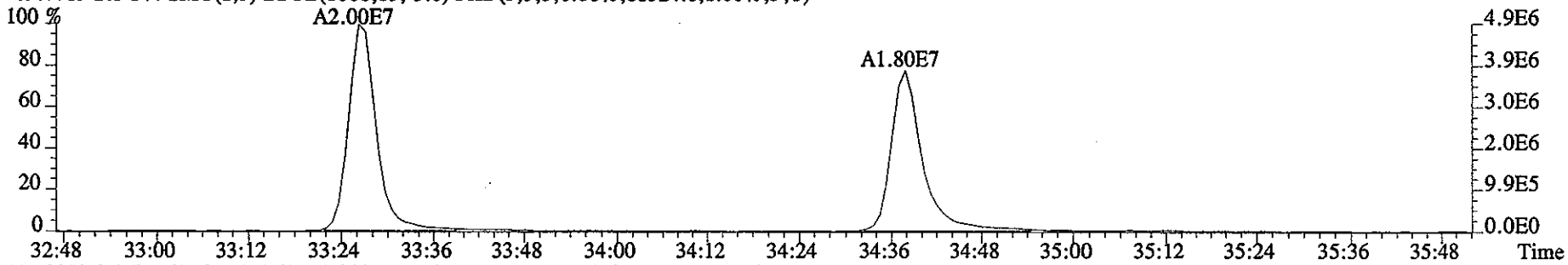




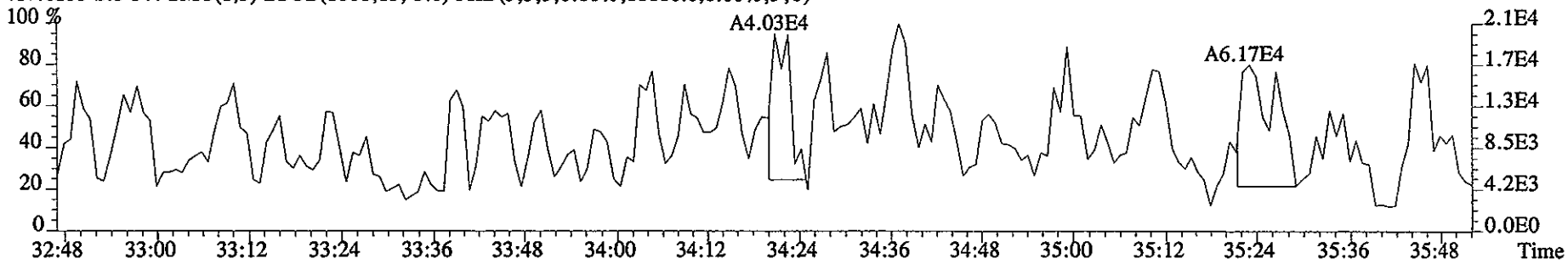
File:11JA061D5 #1-218 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9980.0,1.00%,F,T)



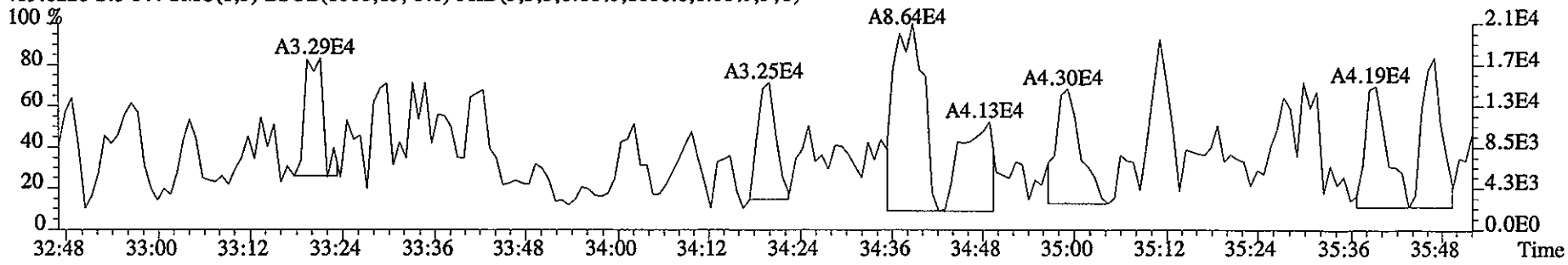
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11524.0,1.00%,F,T)



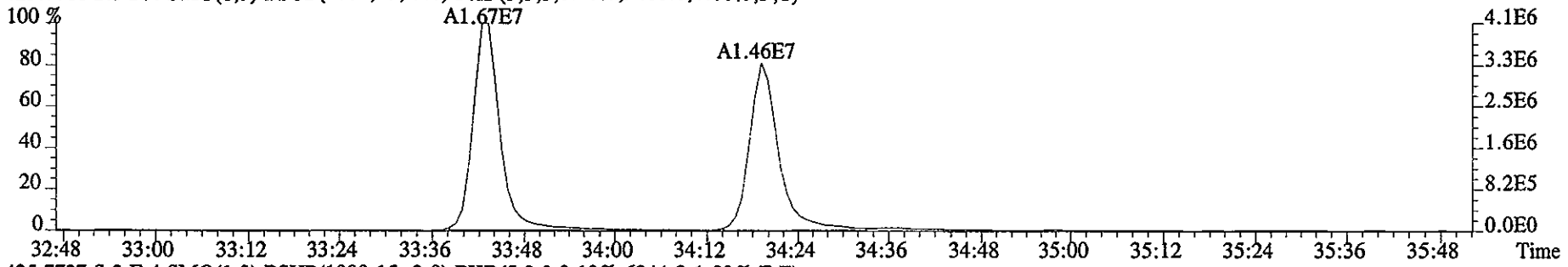
417.8253 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11116.0,1.00%,F,T)



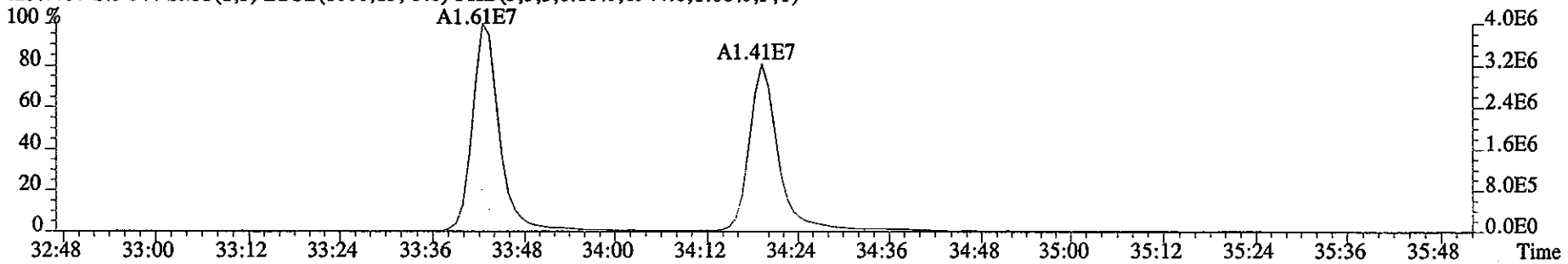
419.8220 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8016.0,1.00%,F,T)



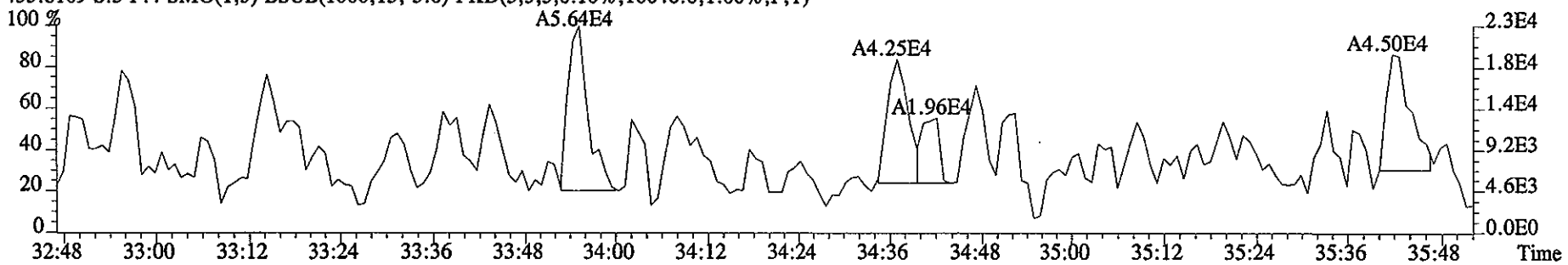
File:11JA061D5 #1-218 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN
423.7766 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9468.0,1.00%,F,T)



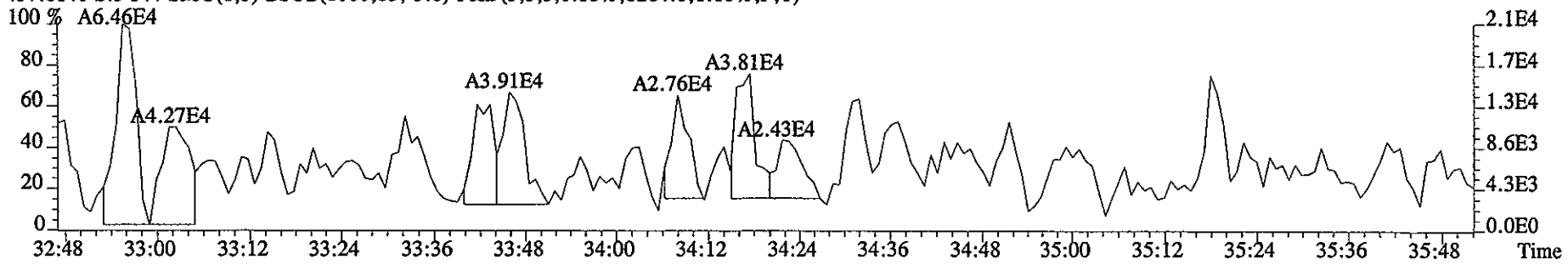
425.7737 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6944.0,1.00%,F,T)



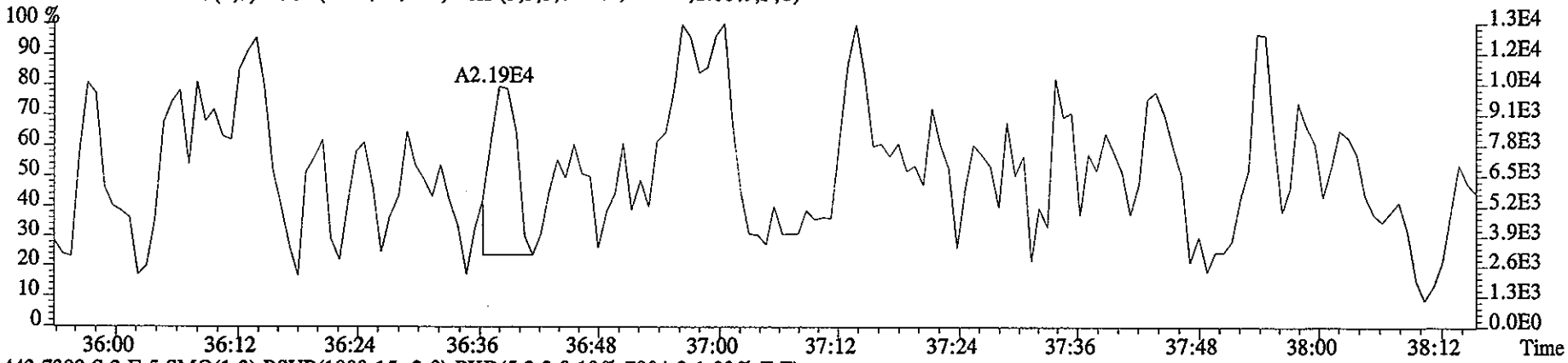
435.8169 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10040.0,1.00%,F,T)



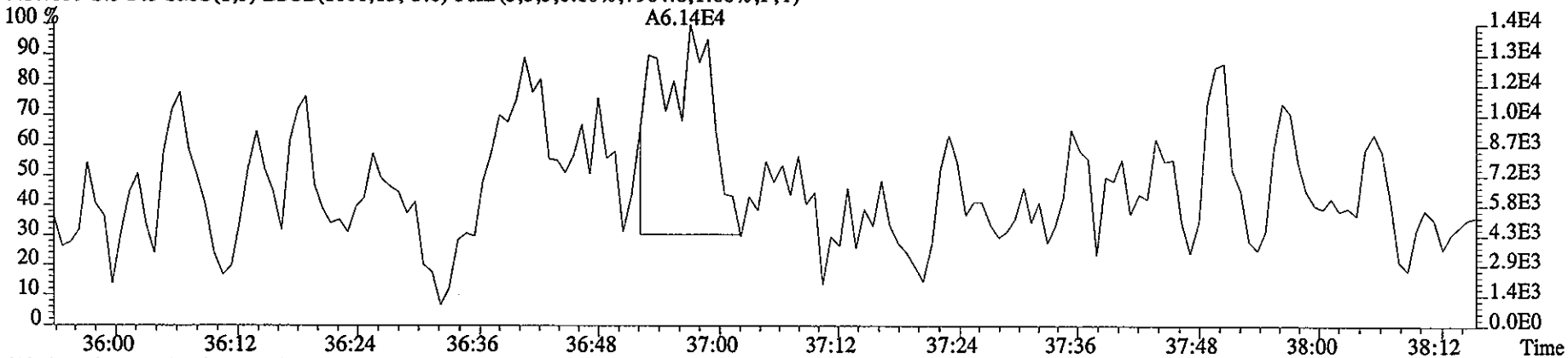
437.8140 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8264.0,1.00%,F,T)



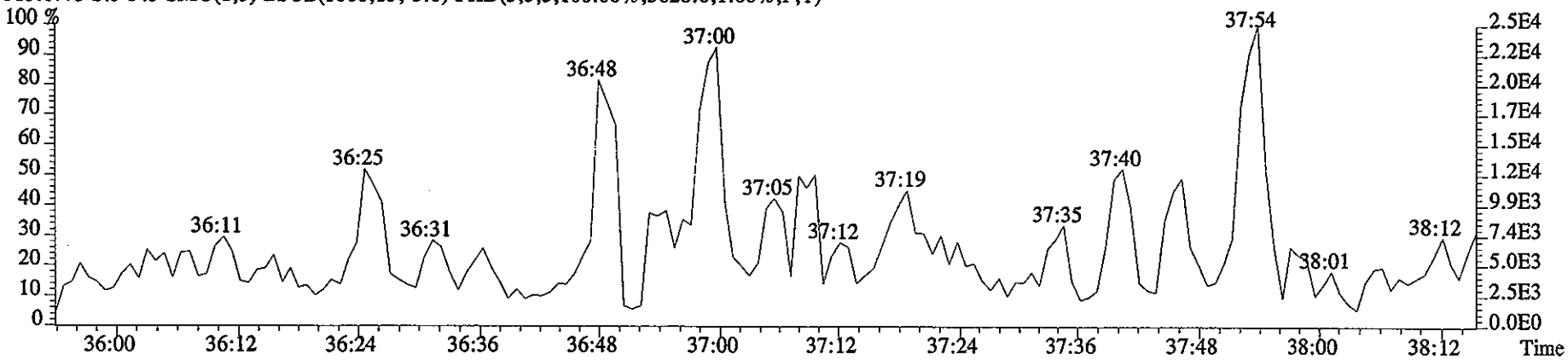
File:11JA061D5 #1-171 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN
441.7428 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7736.0,1.00%,F,T)



443.7399 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7904.0,1.00%,F,T)

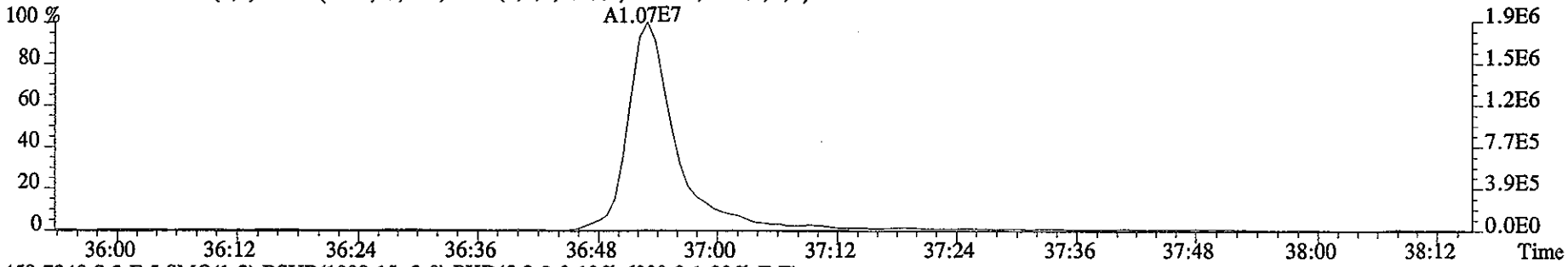


513.6775 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,5628.0,1.00%,F,T)

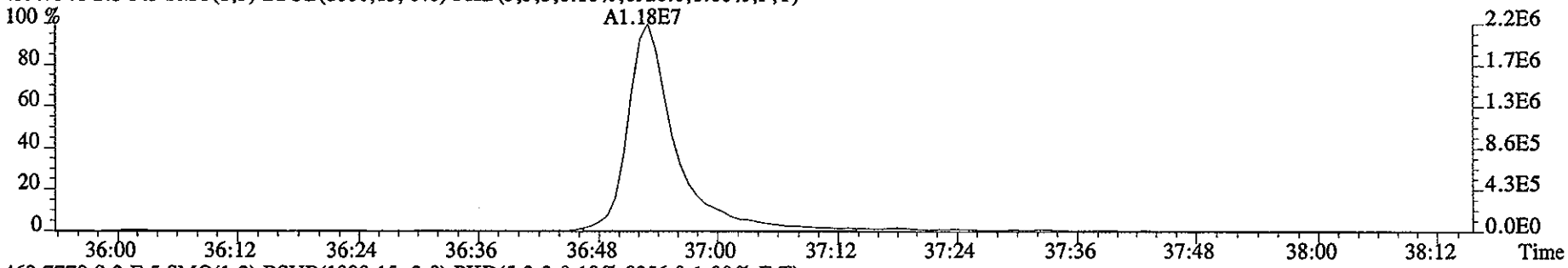


File:11JA061D5 #1-171 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN

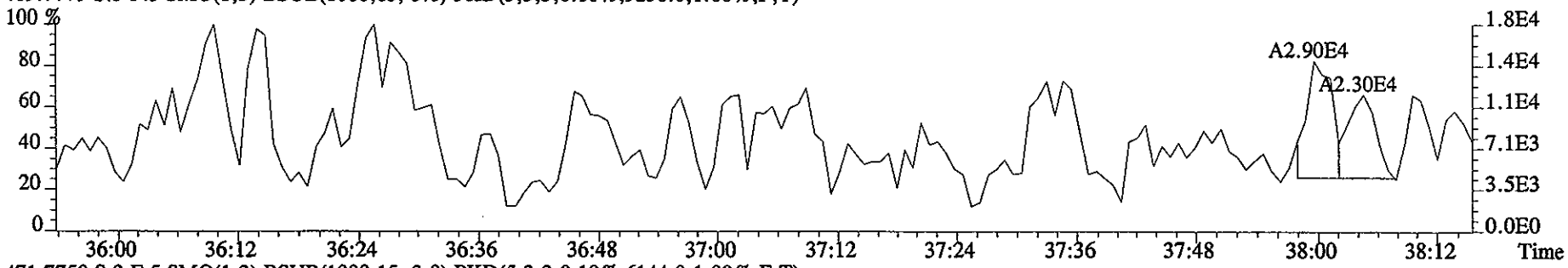
457.7377 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12040.0,1.00%,F,T)



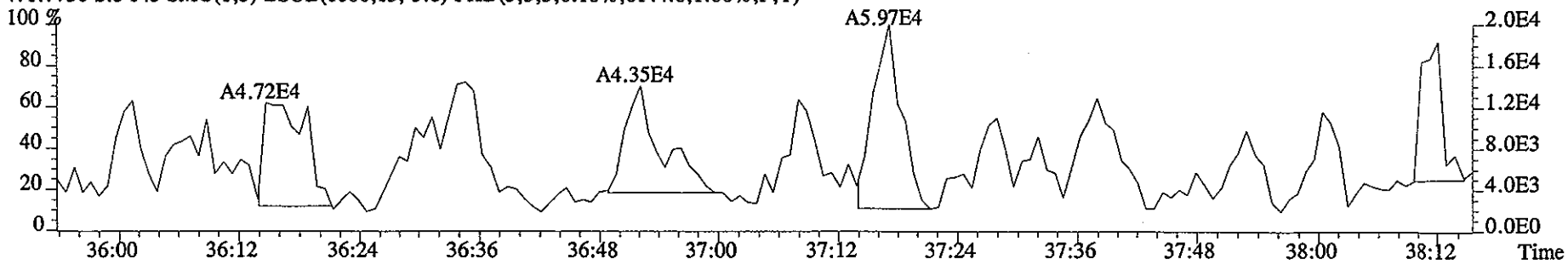
459.7348 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6920.0,1.00%,F,T)



469.7779 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9256.0,1.00%,F,T)

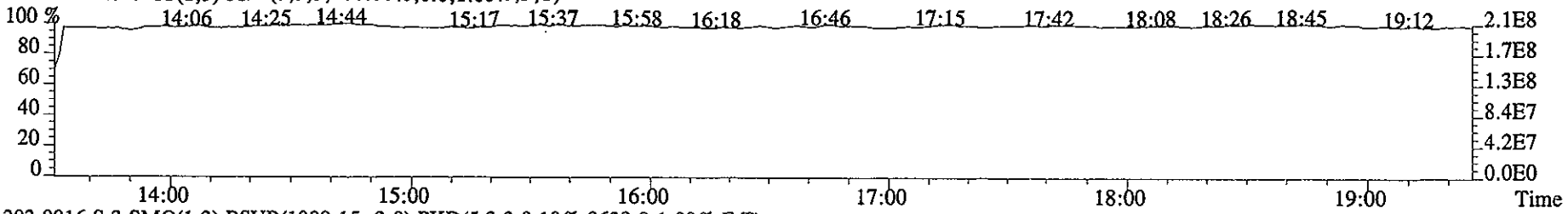


471.7750 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6144.0,1.00%,F,T)

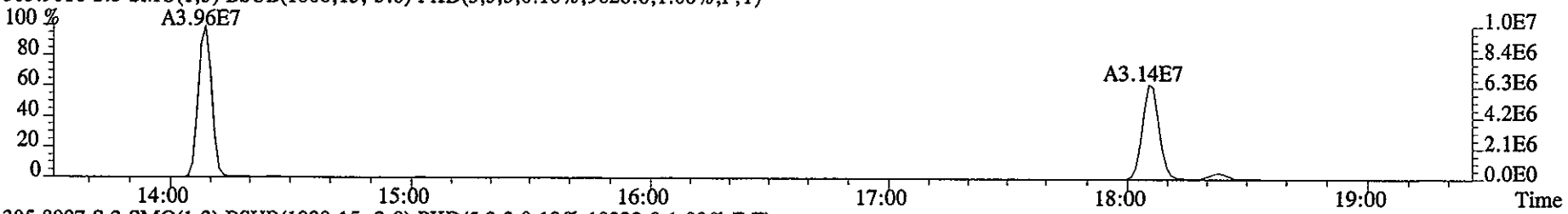


File:11JA061D5 #1-322 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN

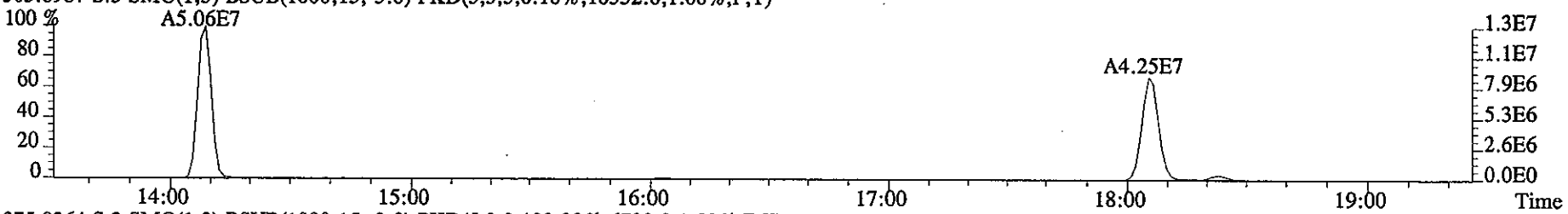
292.9825 S:3 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



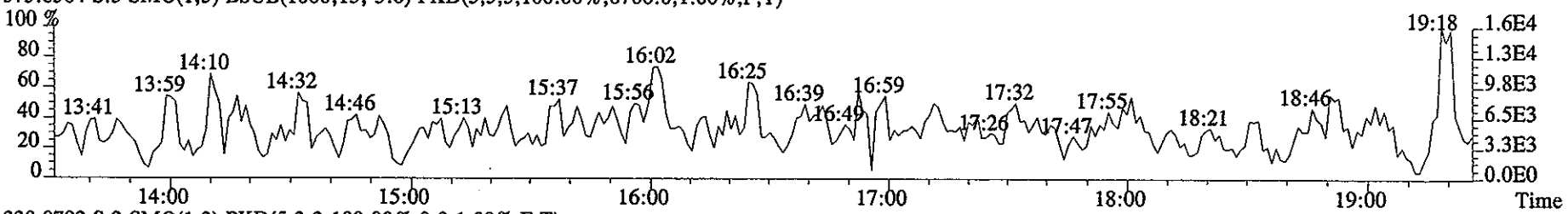
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9628.0,1.00%,F,T)



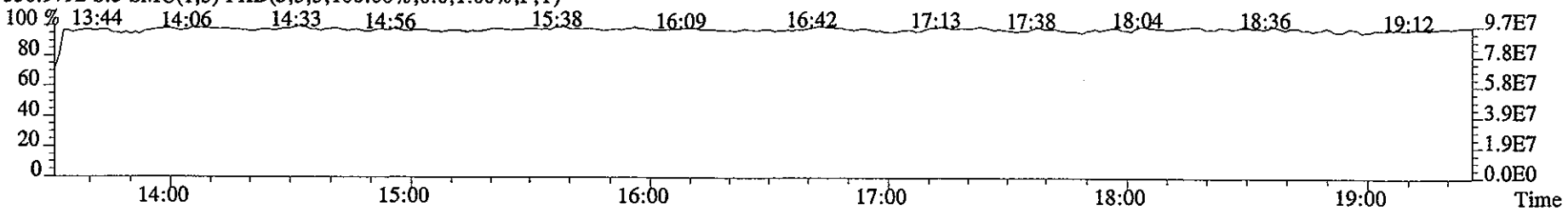
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10332.0,1.00%,F,T)



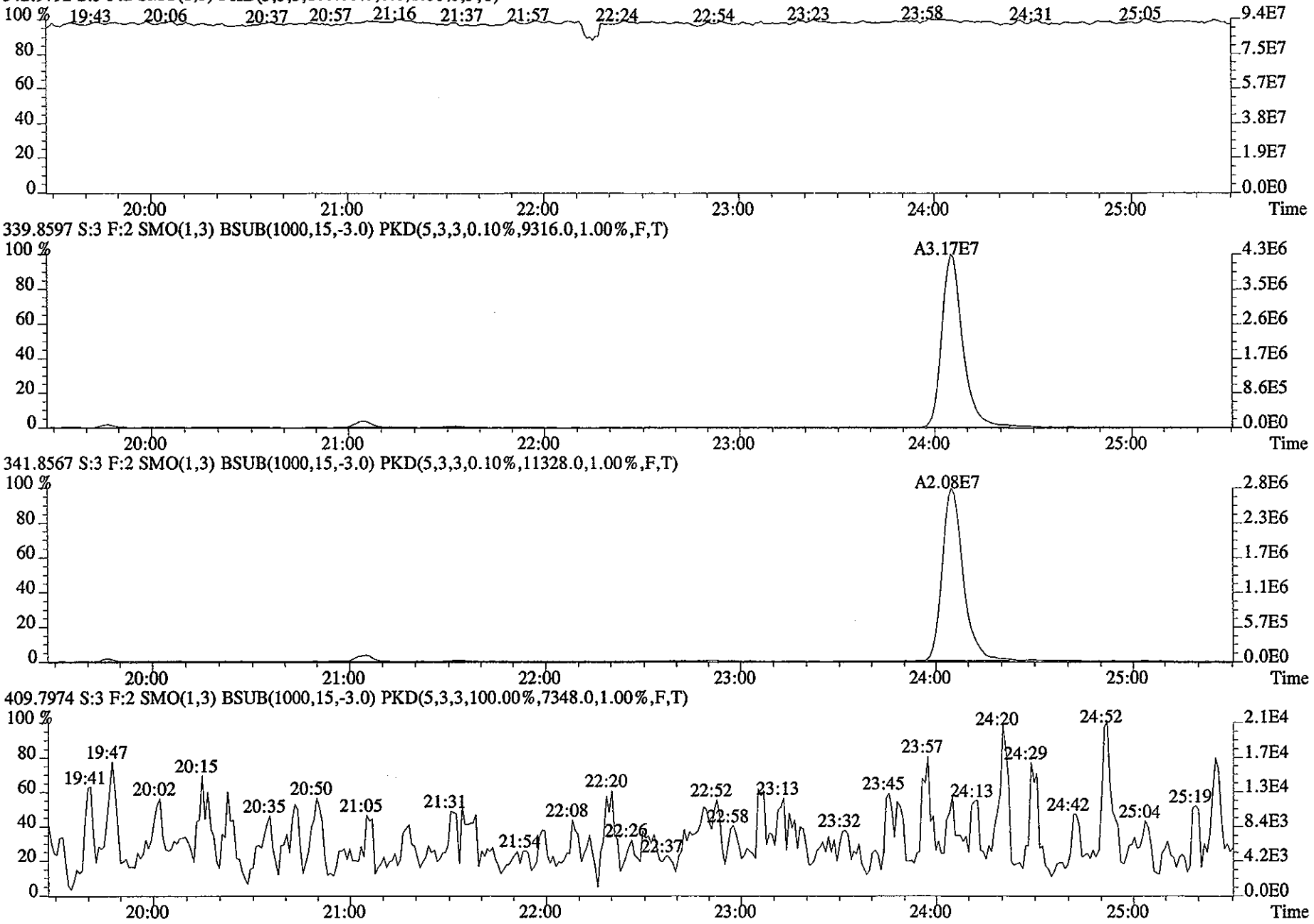
375.8364 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6700.0,1.00%,F,T)



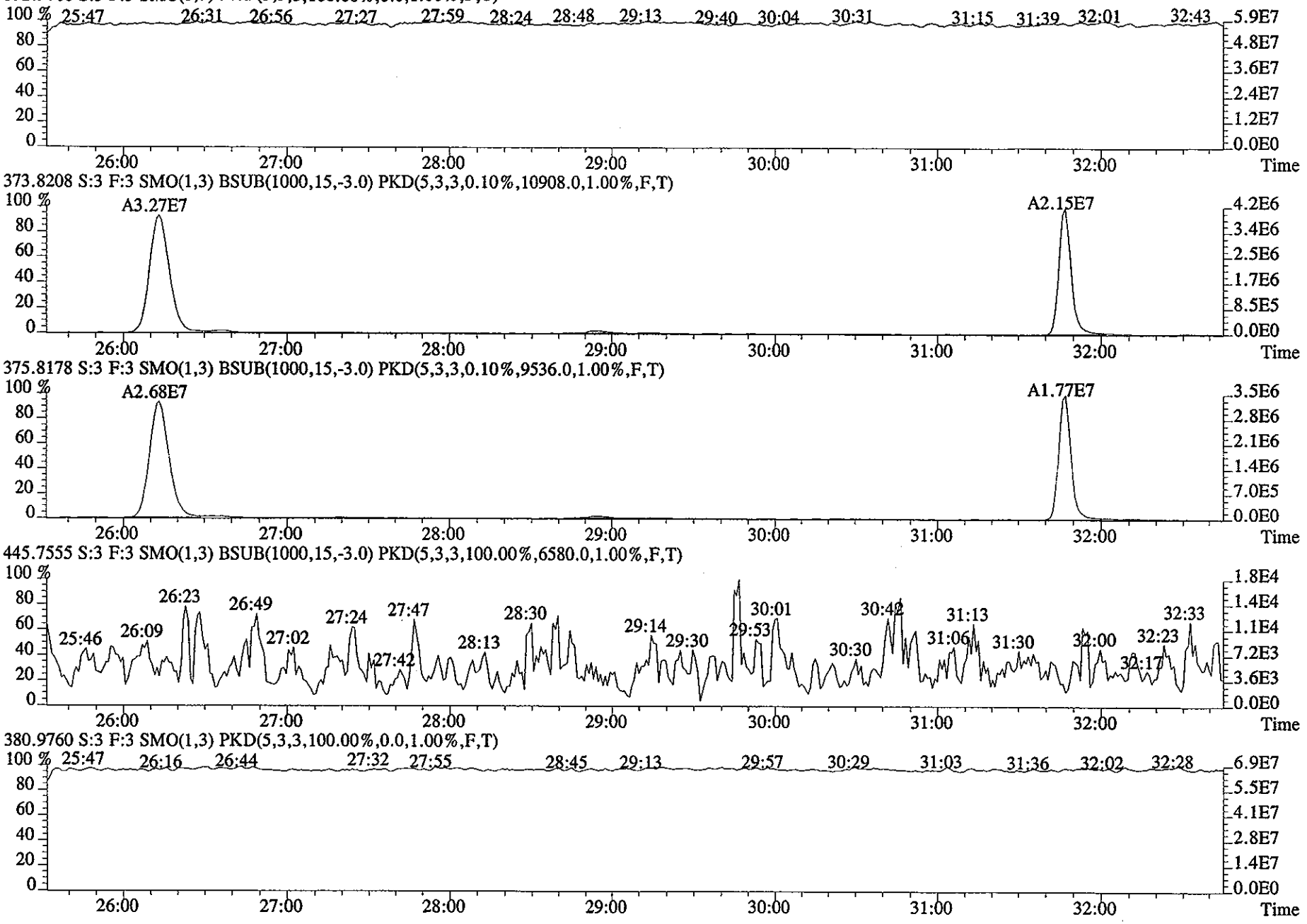
330.9792 S:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



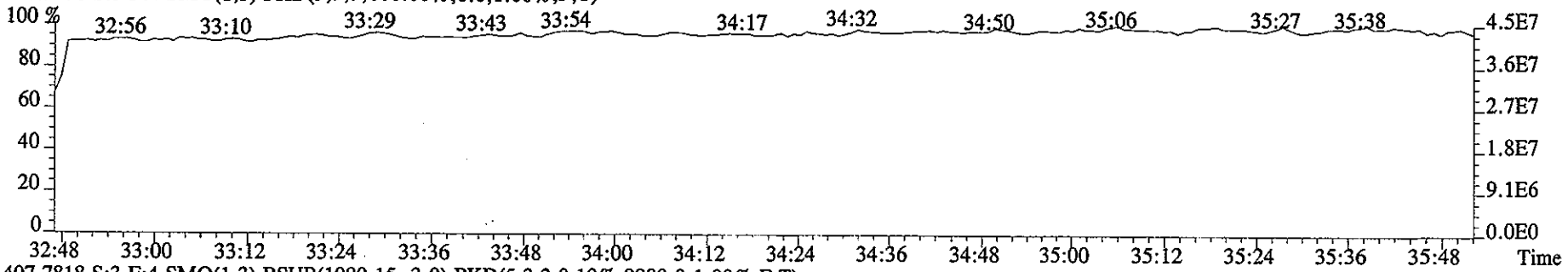
File:11JA061D5 #1-426 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN



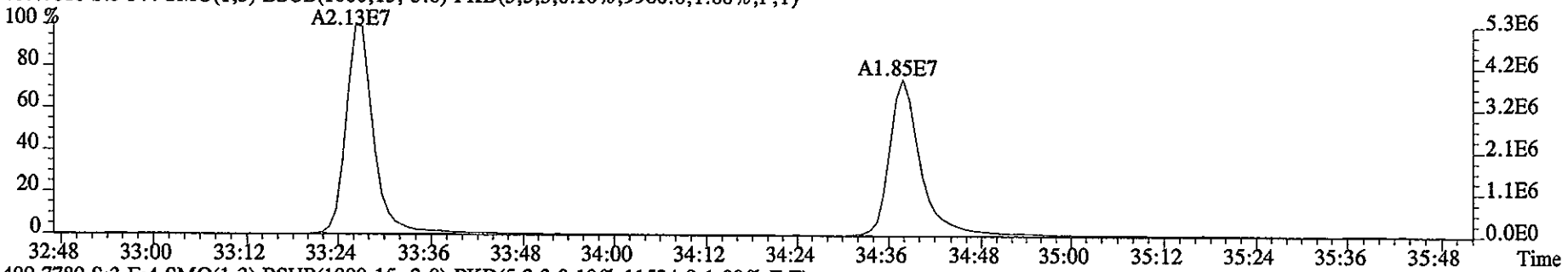
File:11JA061D5 #1-486 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN



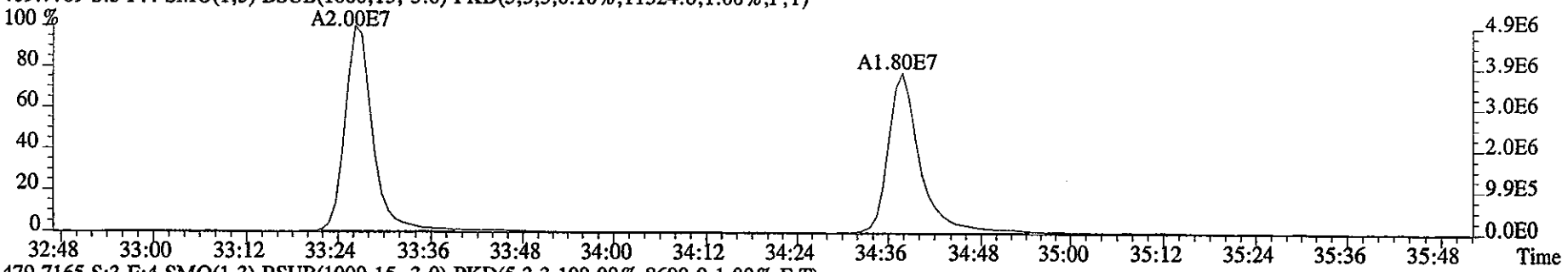
File:11JA061D5 #1-218 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN
430.9728 S:3 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



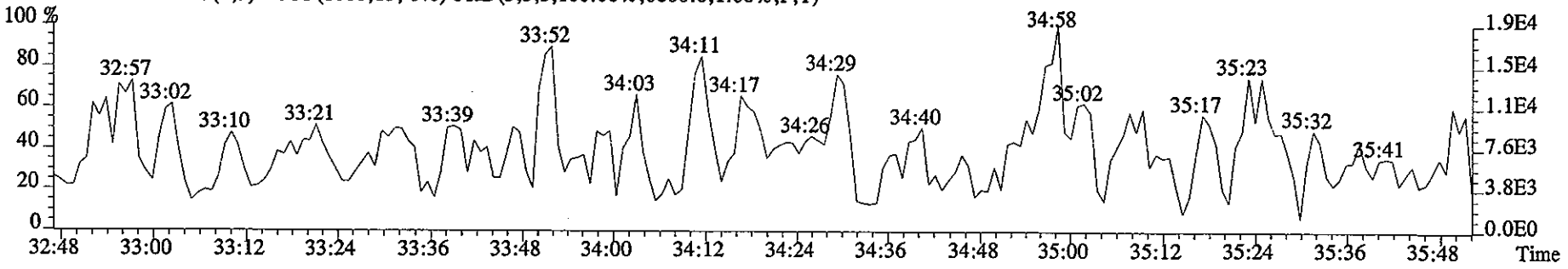
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9980.0,1.00%,F,T)



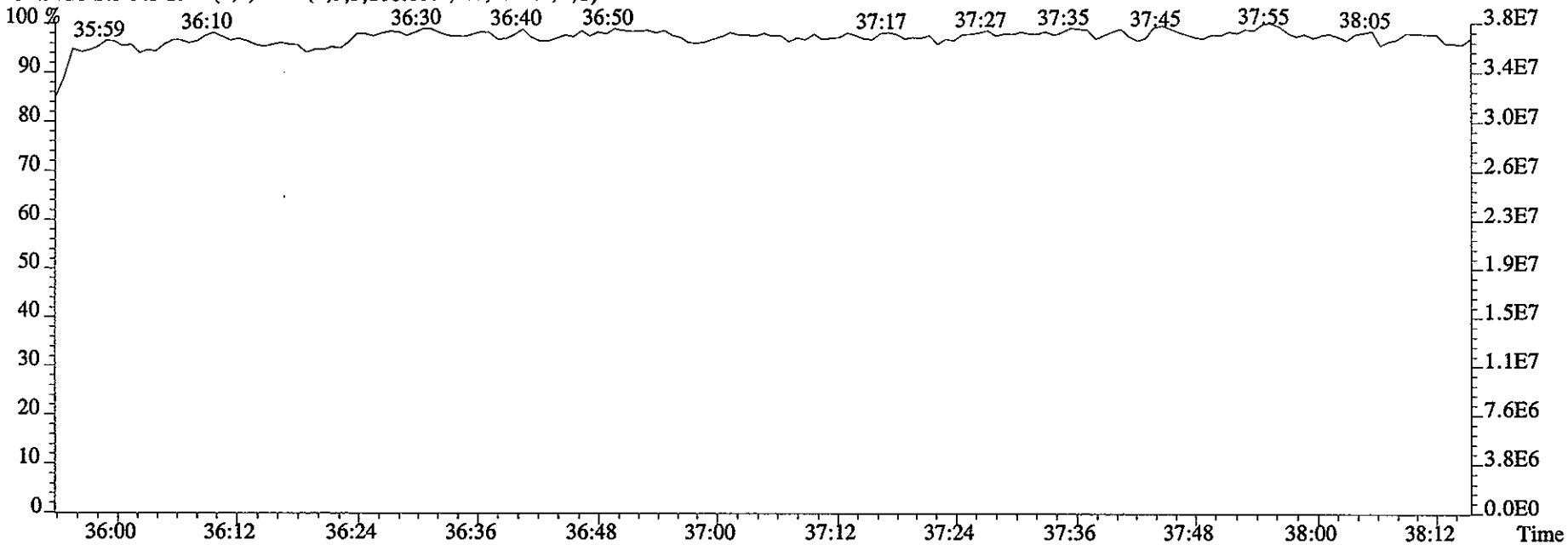
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11524.0,1.00%,F,T)



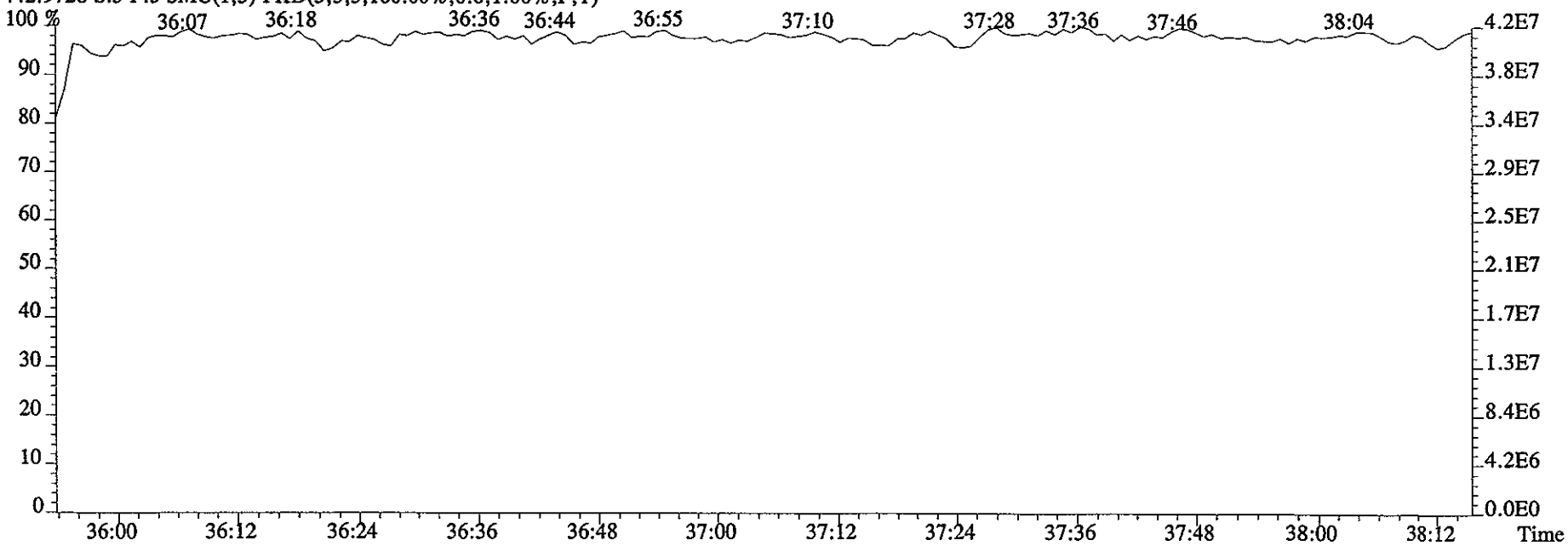
479.7165 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,8600.0,1.00%,F,T)



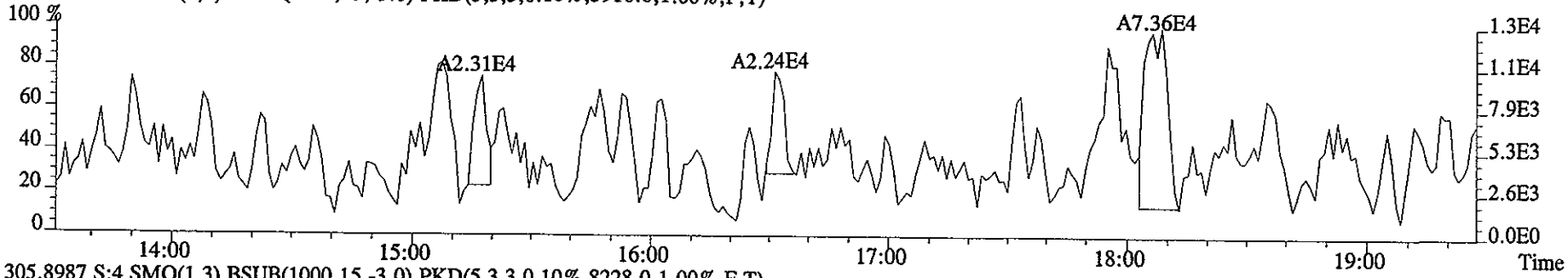
File:11JA061D5 #1-171 Acq:11-JAN-2006 10:04:24 GC EI+ Voltage SIR 70SE
Sample#3 Text:CP0111 :DB-5 CPSM 2565-47 Exp:DIOXIN
454.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



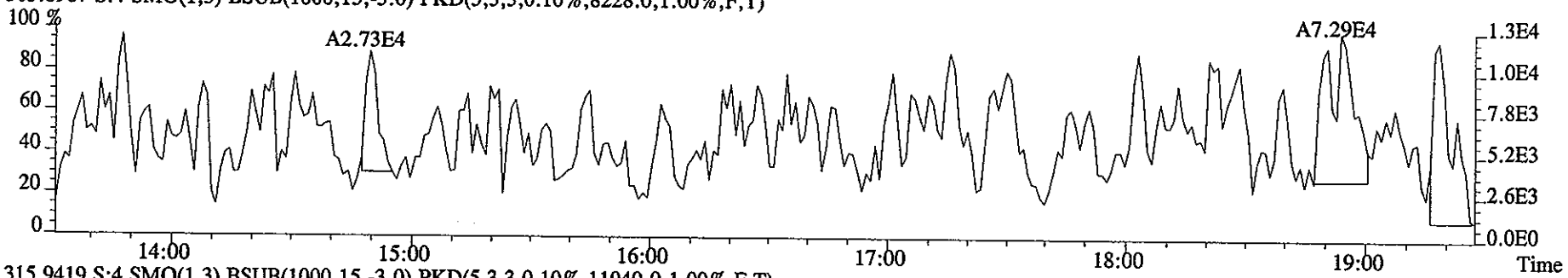
442.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



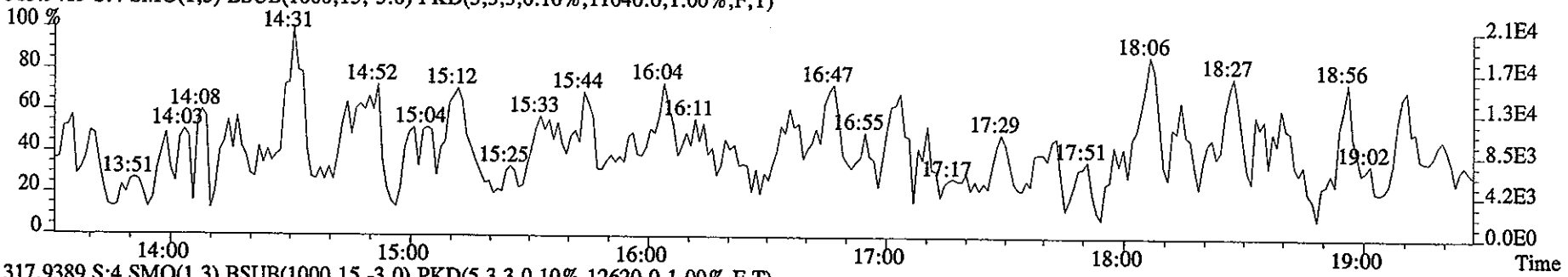
File:11JA061D5 #1-323 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN
303.9016 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5916.0,1.00%,F,T)



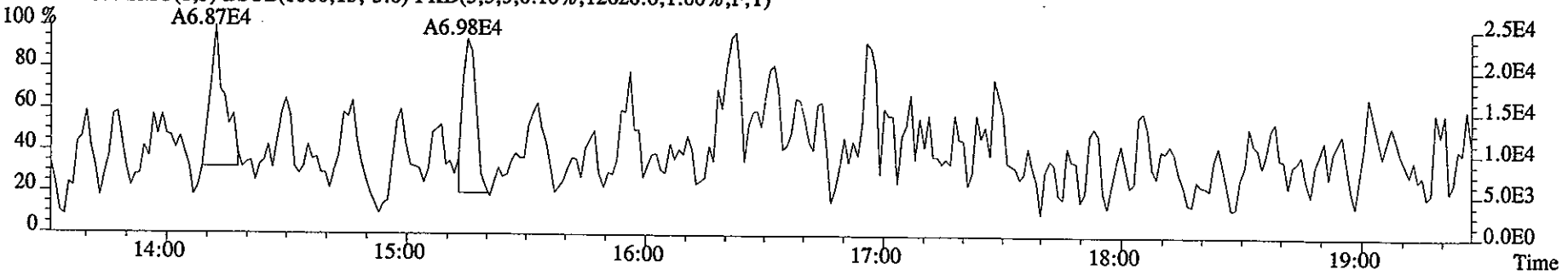
305.8987 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8228.0,1.00%,F,T)



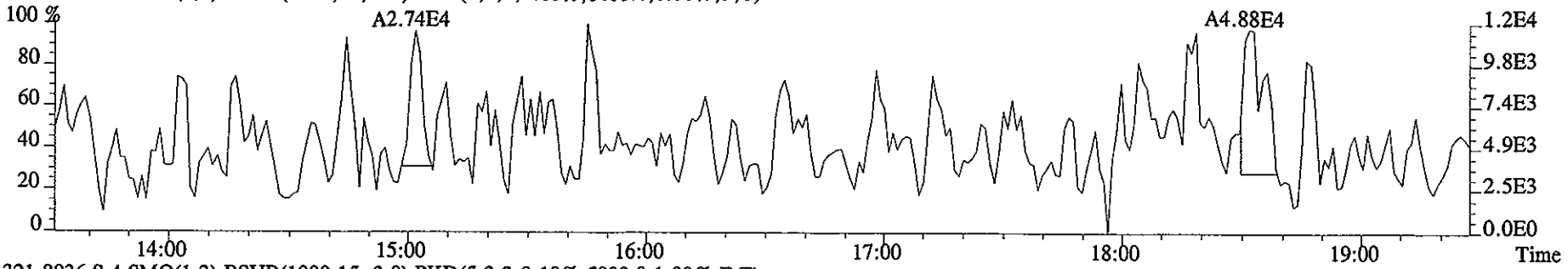
315.9419 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11040.0,1.00%,F,T)



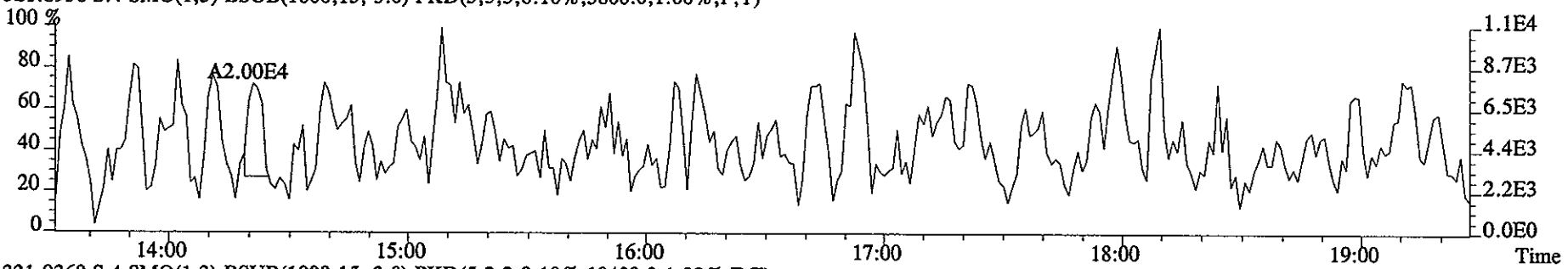
317.9389 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12620.0,1.00%,F,T)



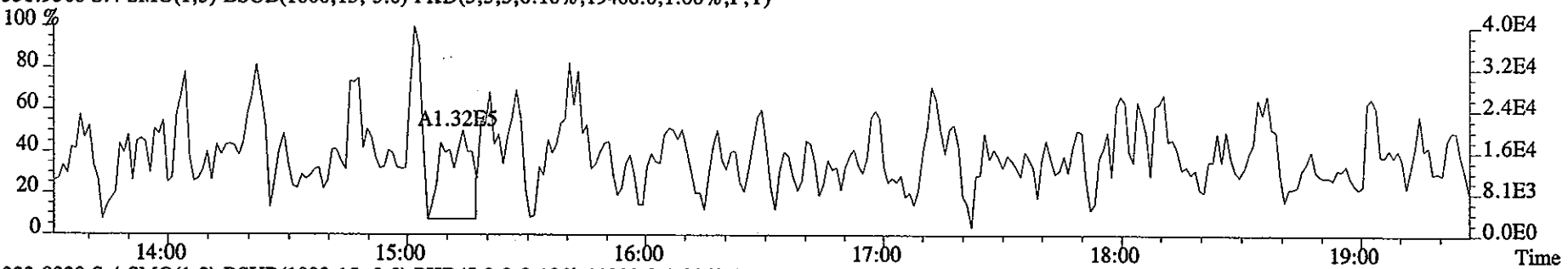
File:11JA061D5 #1-323 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN
319.8965 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6408.0,1.00%,F,T)



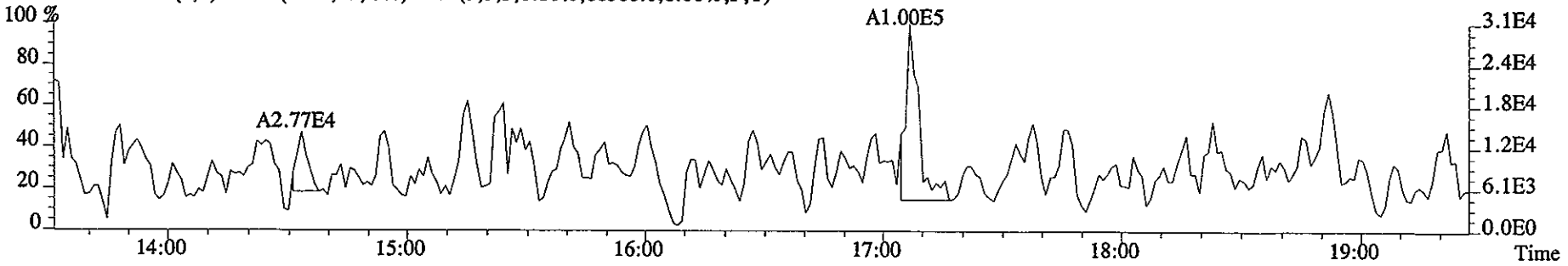
321.8936 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5800.0,1.00%,F,T)



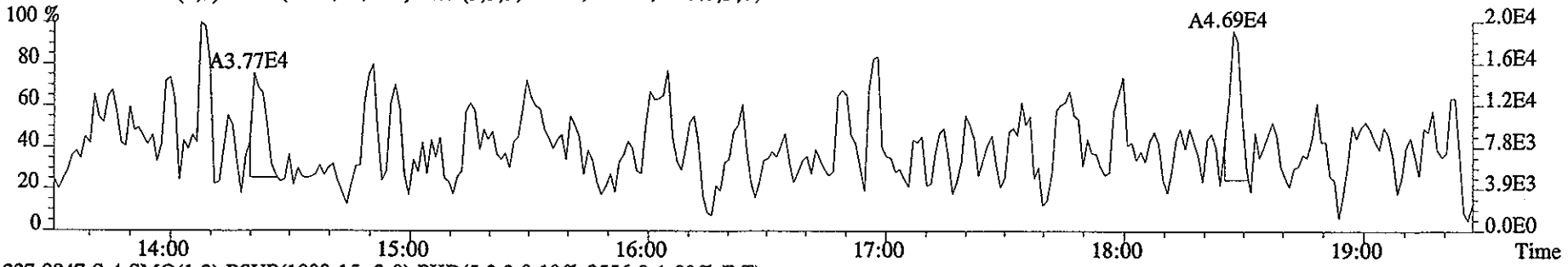
331.9368 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19408.0,1.00%,F,T)



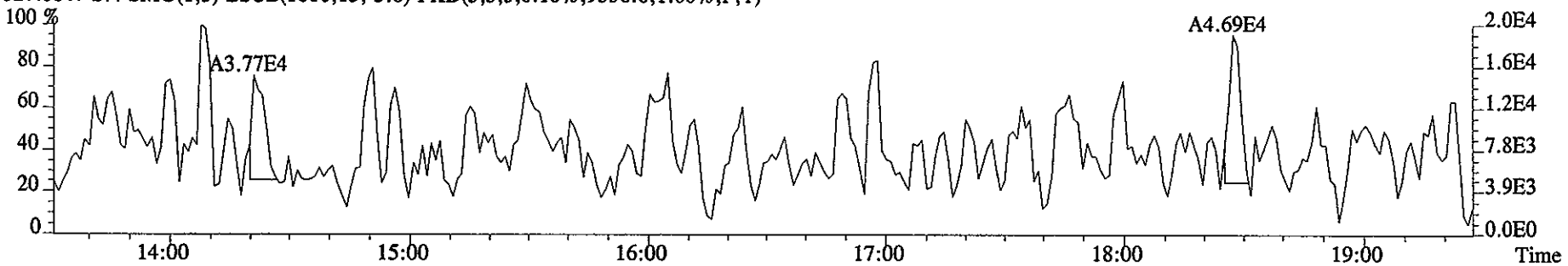
333.9339 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11308.0,1.00%,F,T)



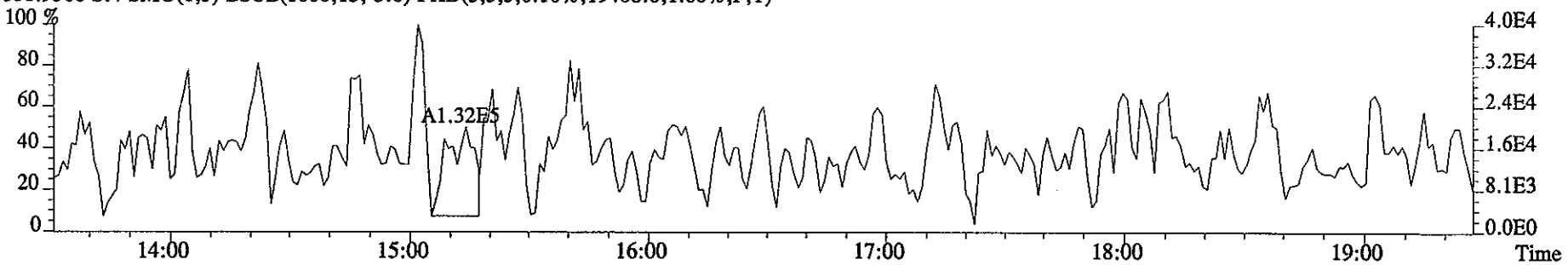
File:11JA061D5 #1-323 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN
327.8847 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9556.0,1.00%,F,T)



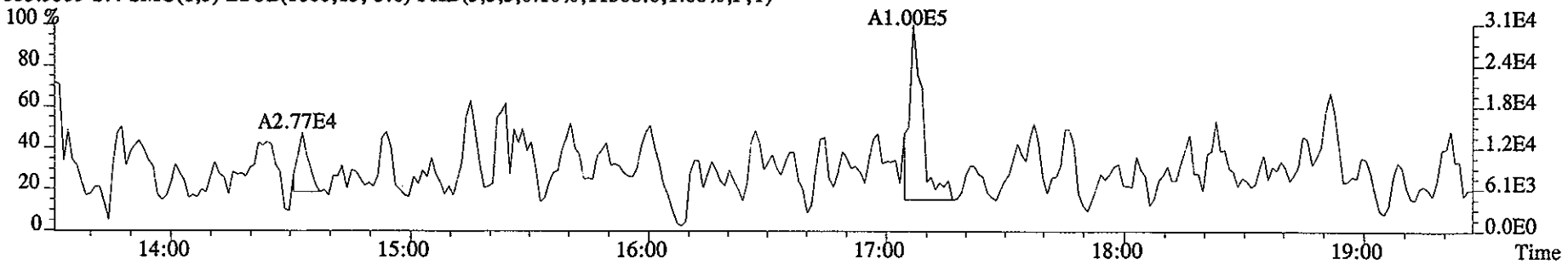
327.8847 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9556.0,1.00%,F,T)



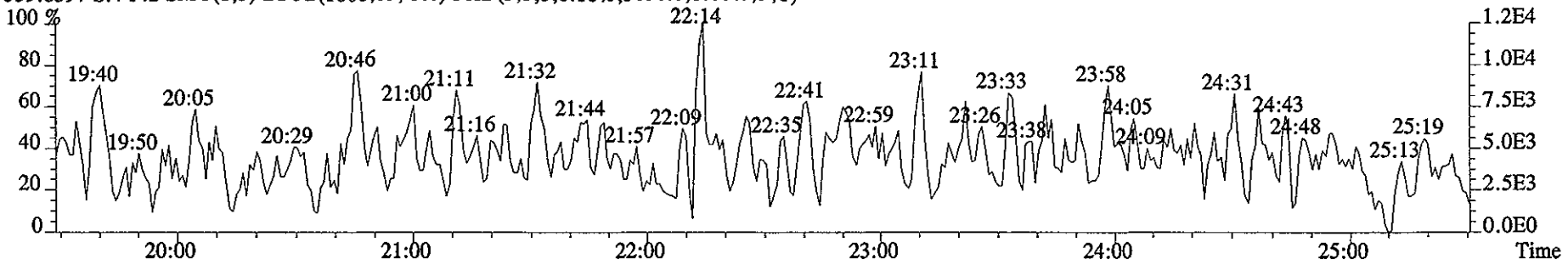
331.9368 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,19408.0,1.00%,F,T)



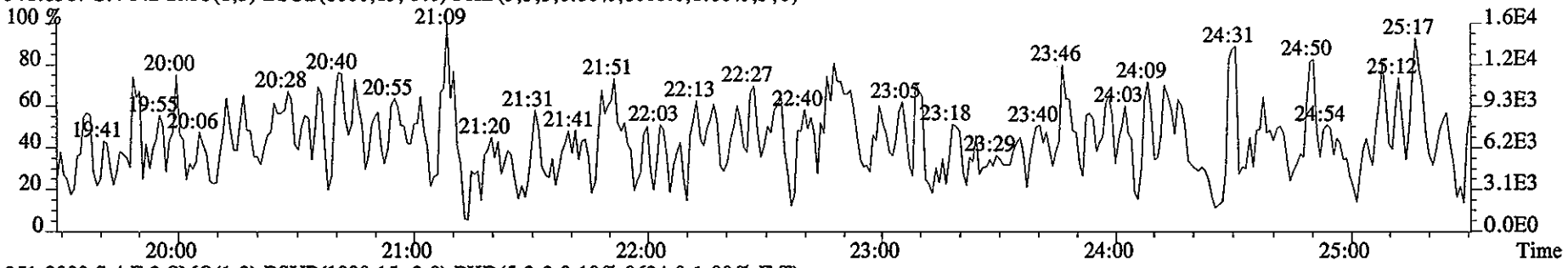
333.9339 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11308.0,1.00%,F,T)



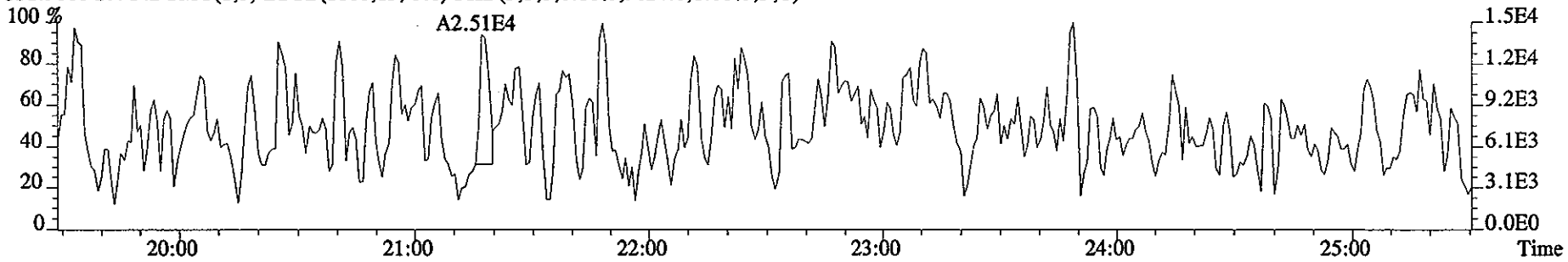
File:11JA061D5 #1-425 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN
339.8597 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5636.0,1.00%,F,T)



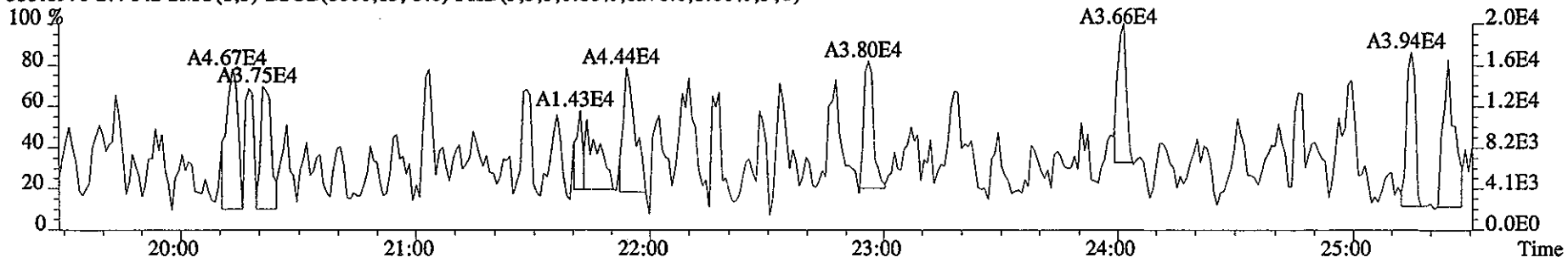
341.8567 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8608.0,1.00%,F,T)



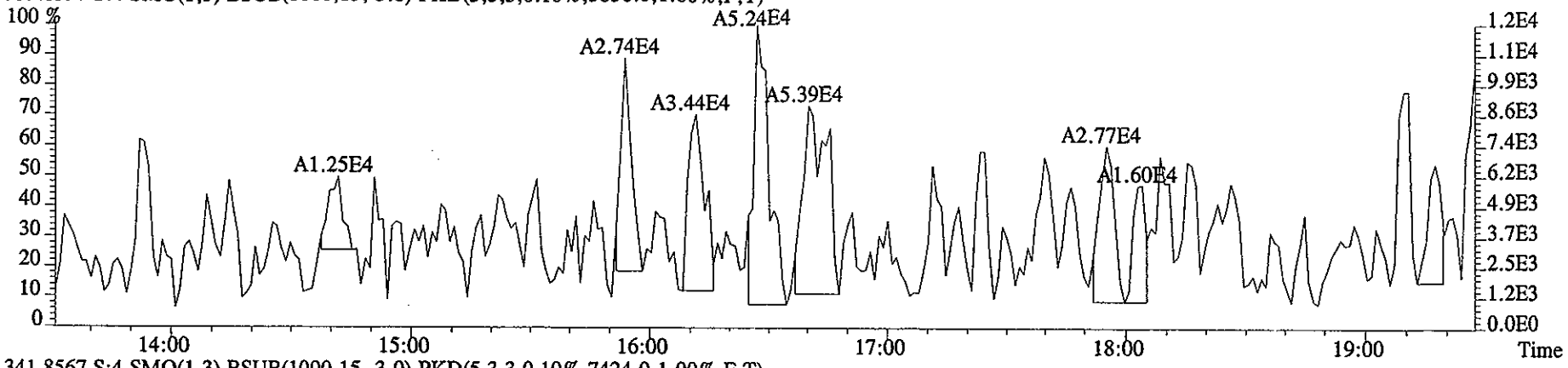
351.9000 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9624.0,1.00%,F,T)



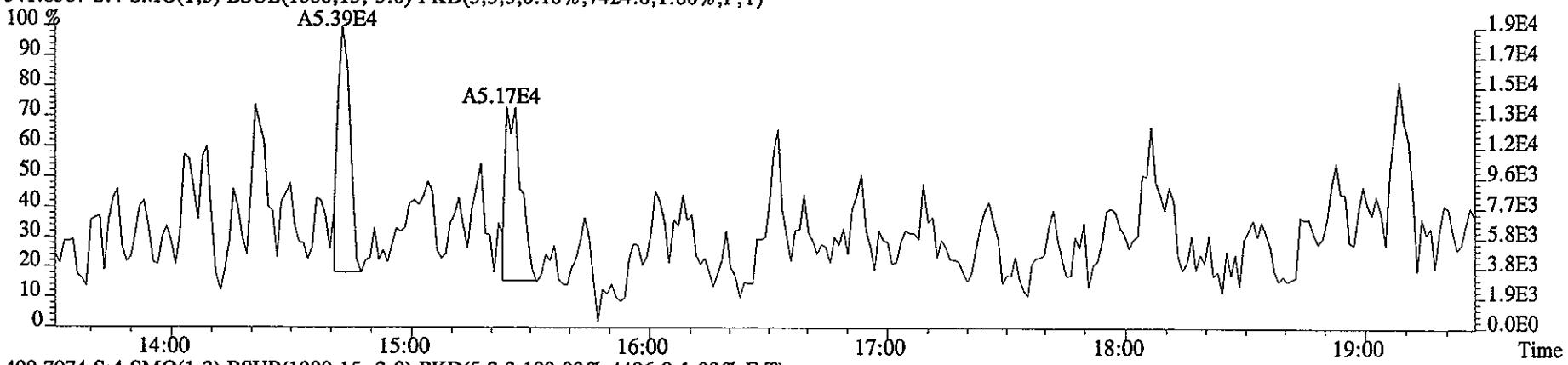
353.8970 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8276.0,1.00%,F,T)



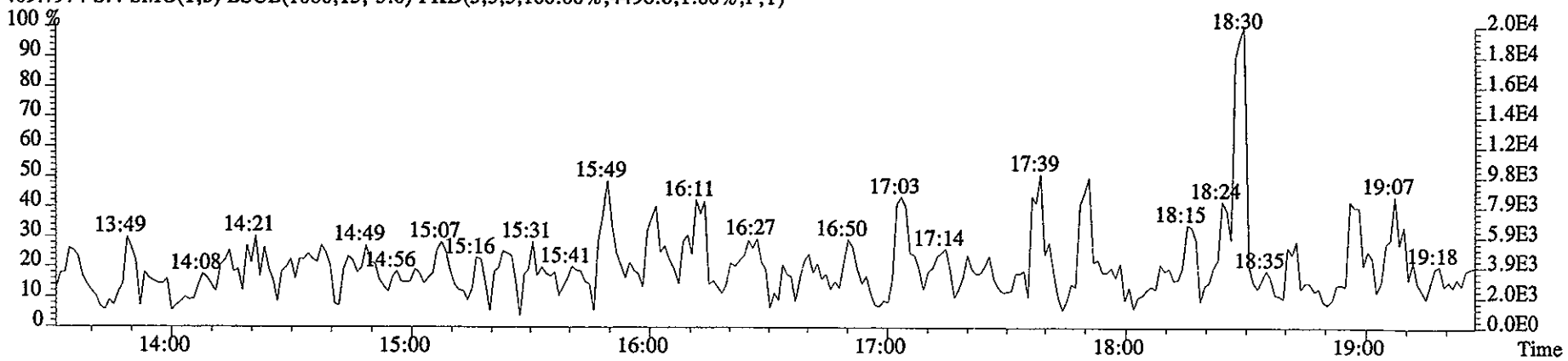
File:11JA061D5 #1-323 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN
339.8597 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3836.0,1.00%,F,T)



341.8567 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7424.0,1.00%,F,T)

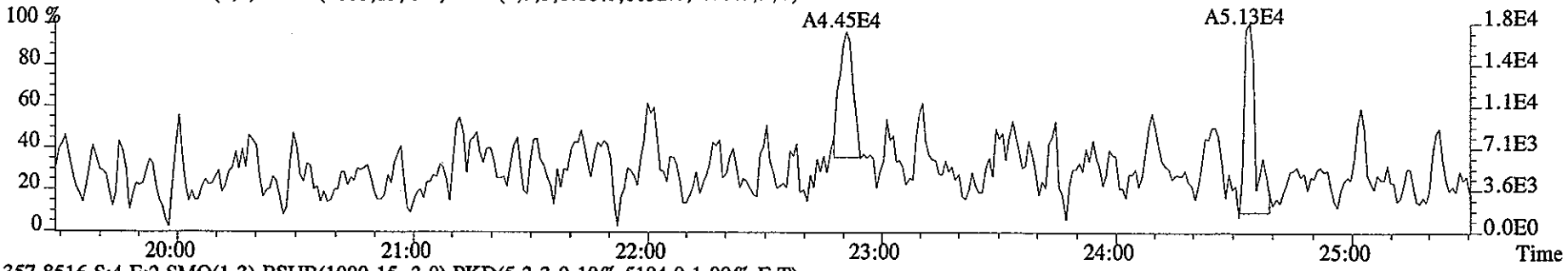


409.7974 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4496.0,1.00%,F,T)

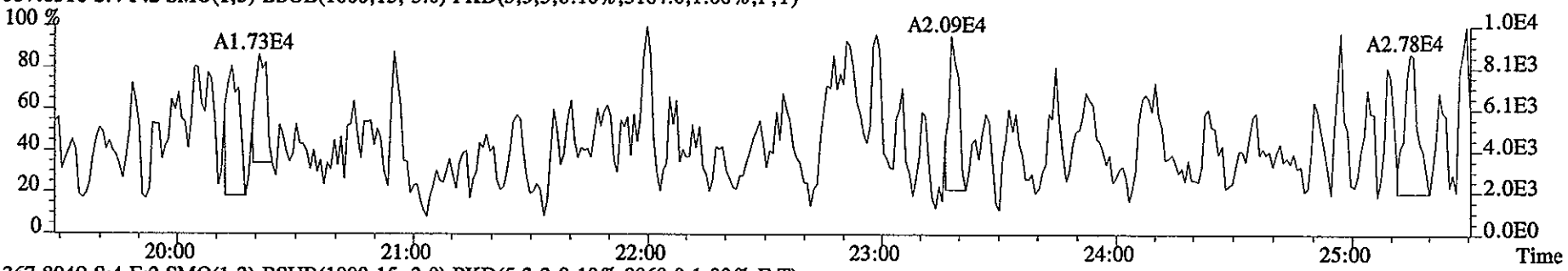


File:11JA061D5 #1-425 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN

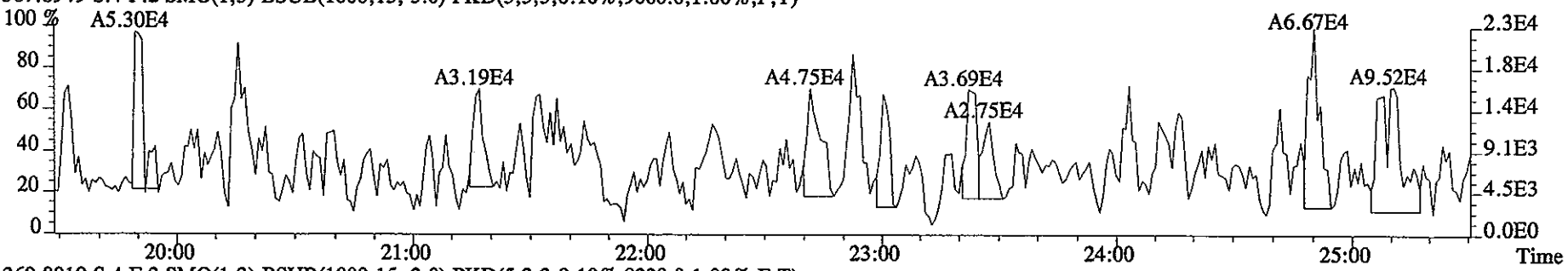
355.8546 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6632.0,1.00%,F,T)



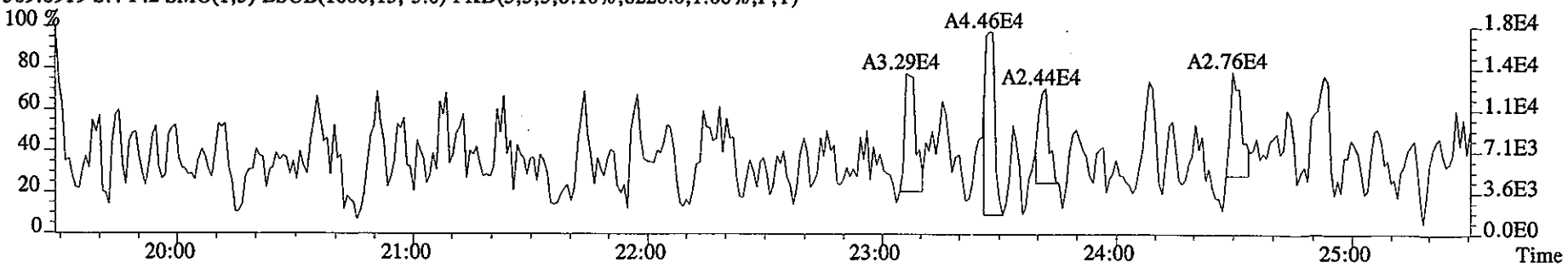
357.8516 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5184.0,1.00%,F,T)



367.8949 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9060.0,1.00%,F,T)

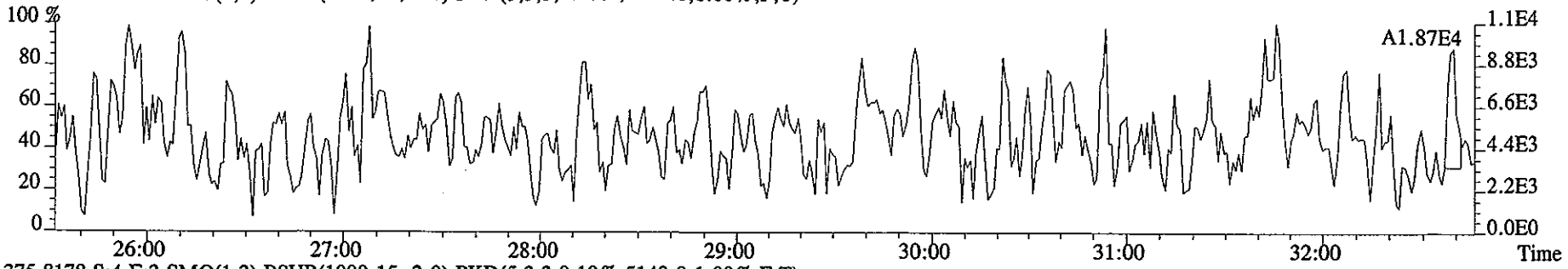


369.8919 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8228.0,1.00%,F,T)

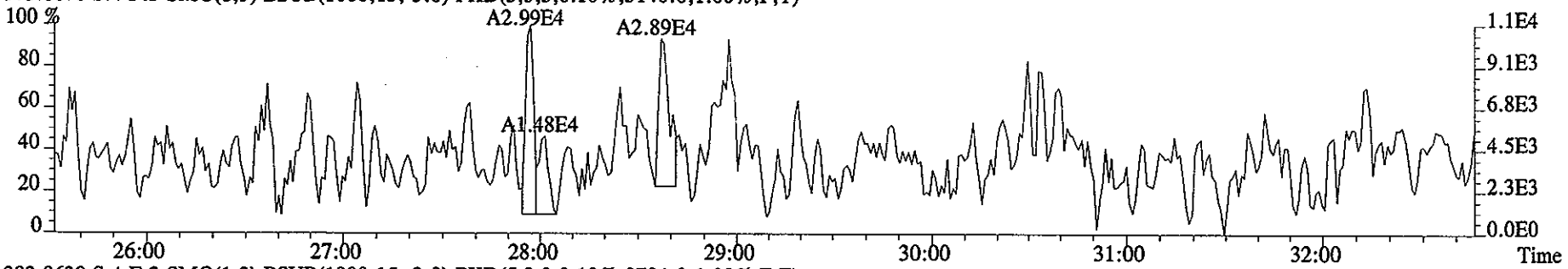


File:11JA061D5 #1-486 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN

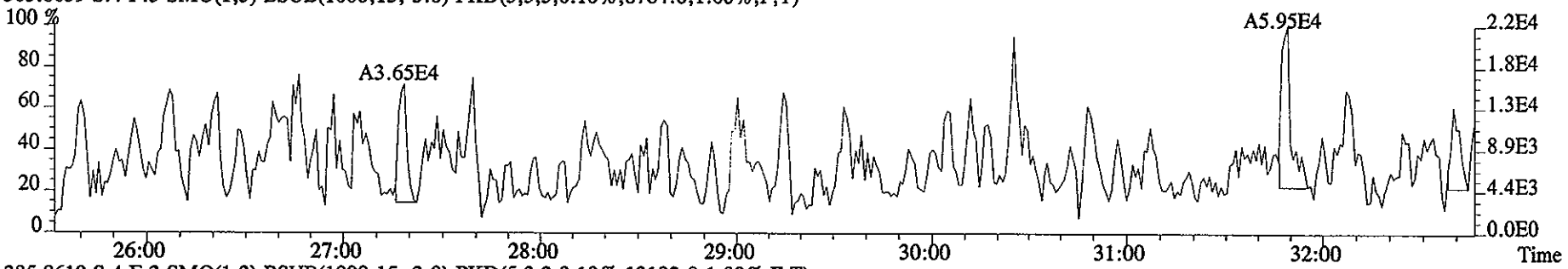
373.8208 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6444.0,1.00%,F,T)



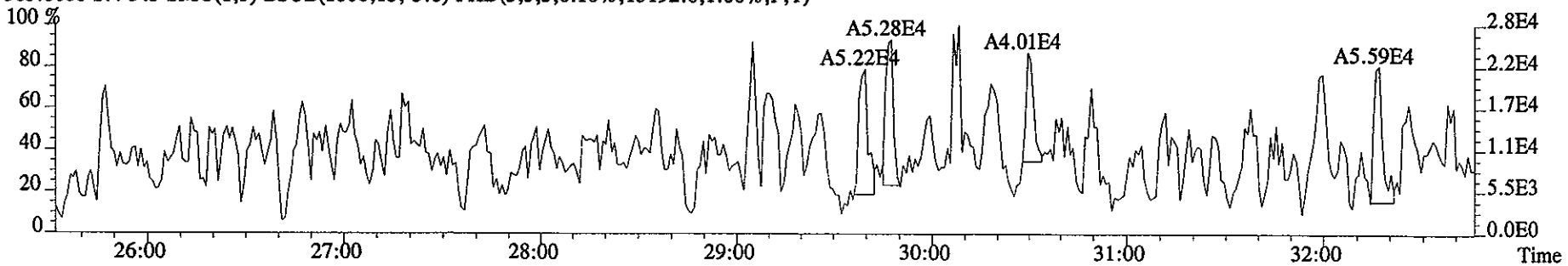
375.8178 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5140.0,1.00%,F,T)



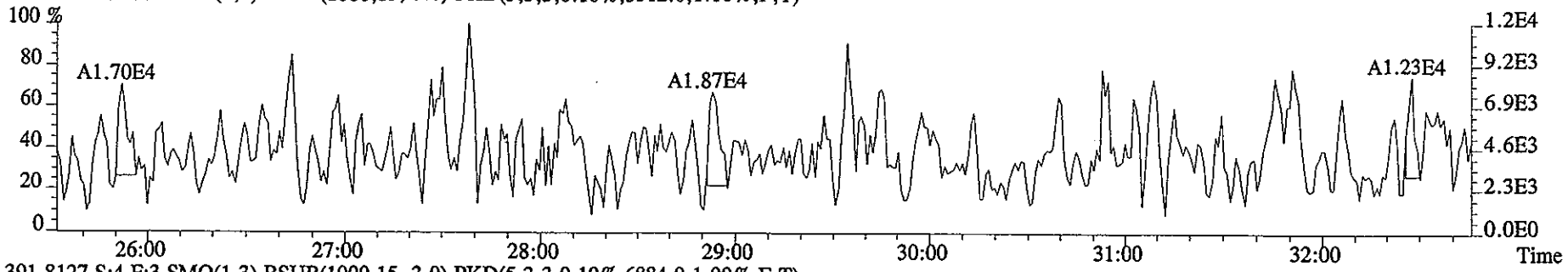
383.8639 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8784.0,1.00%,F,T)

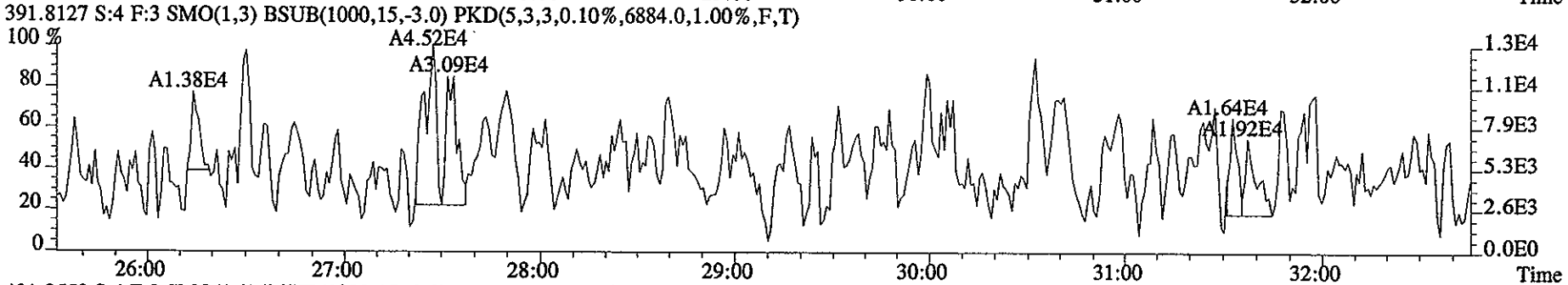


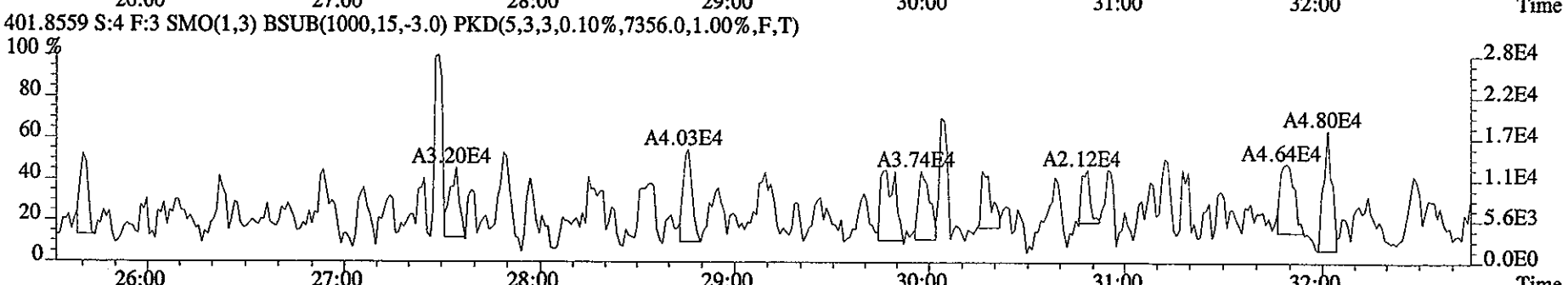
385.8610 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13192.0,1.00%,F,T)

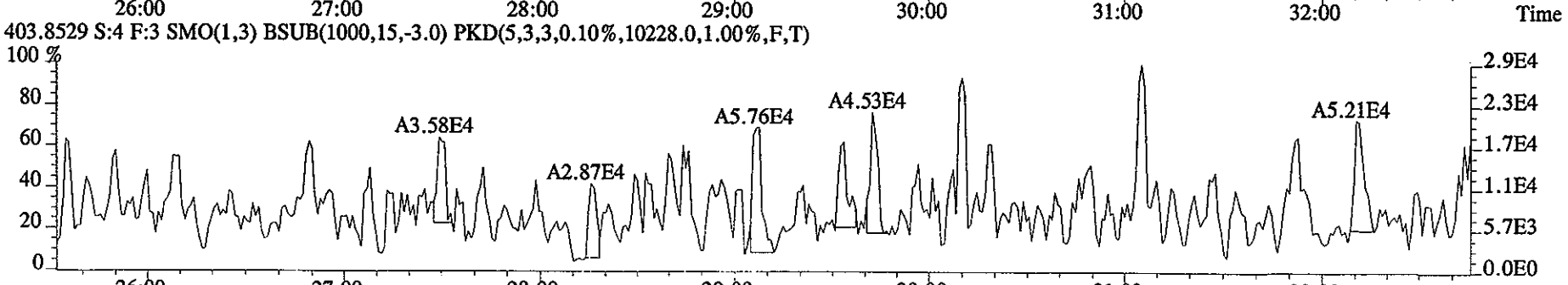


File:11JA061D5 #1-486 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN



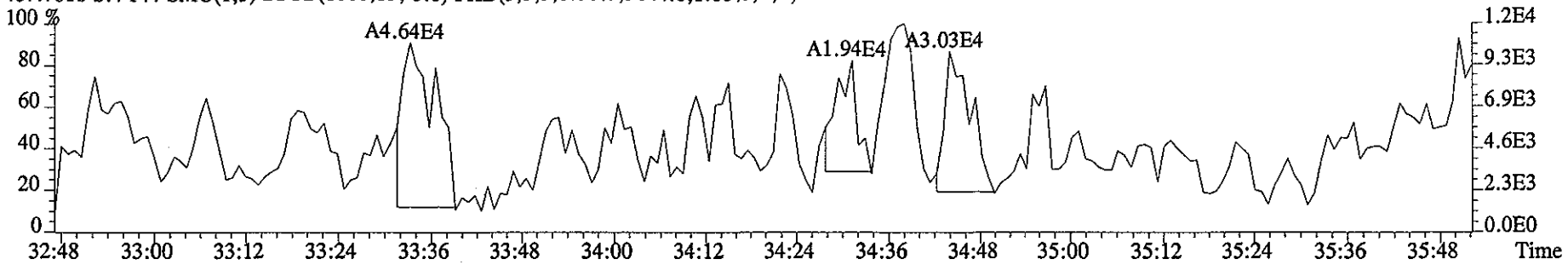




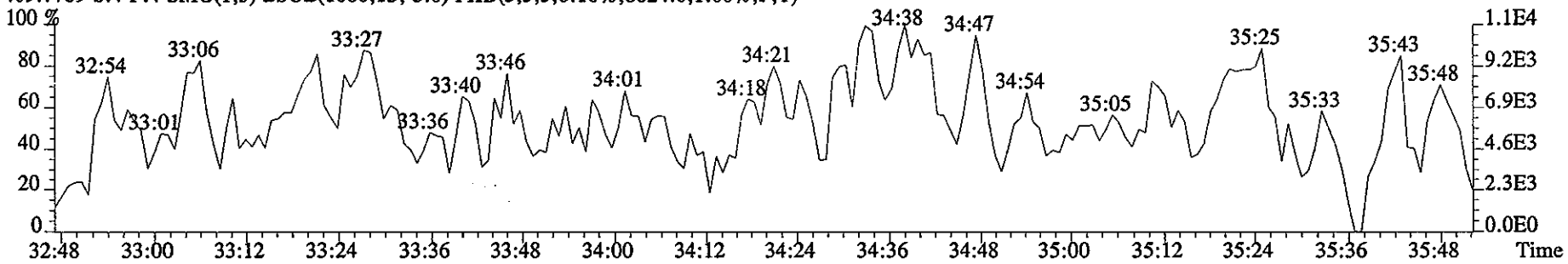


File:11JA061D5 #1-218 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN

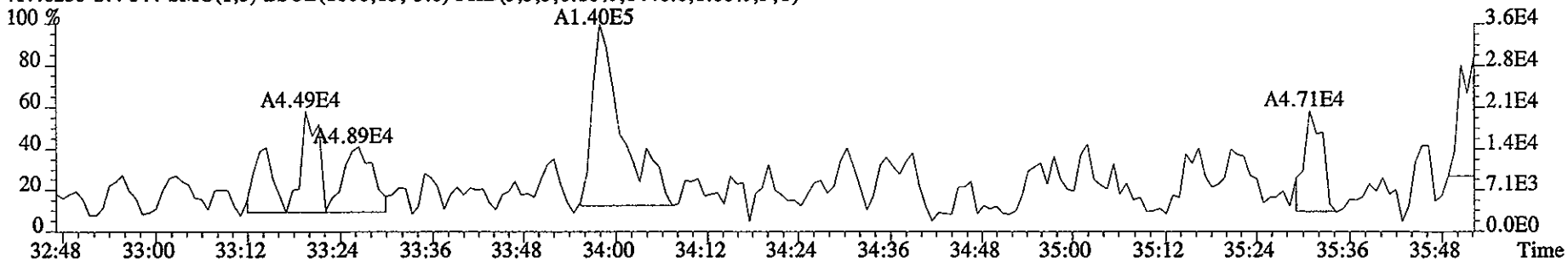
407.7818 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5644.0,1.00%,F,T)



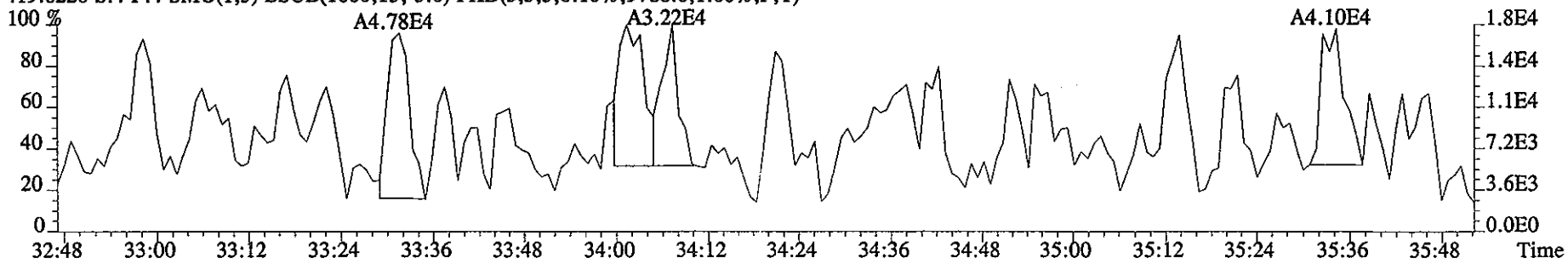
409.7789 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8024.0,1.00%,F,T)



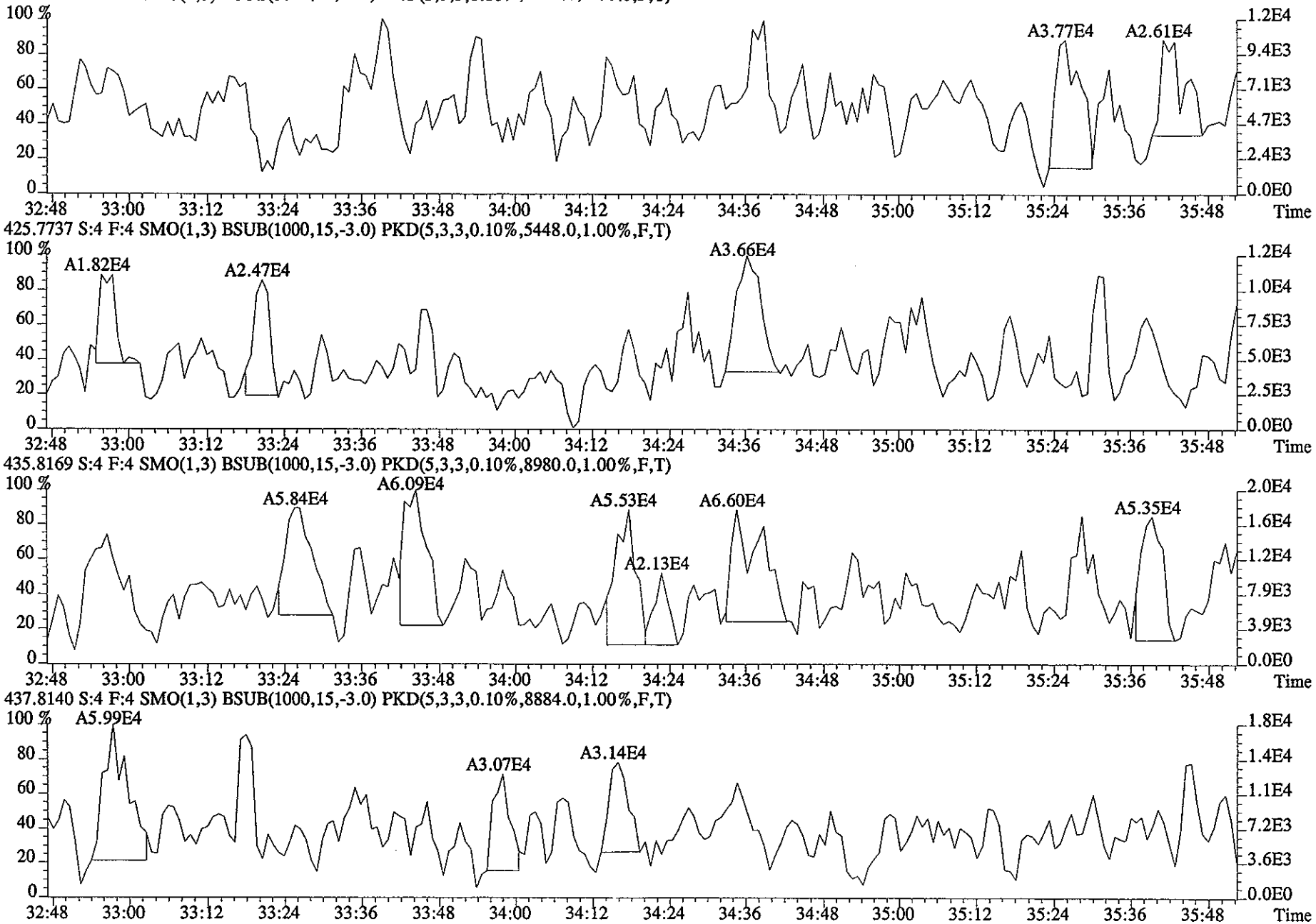
417.8253 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8440.0,1.00%,F,T)



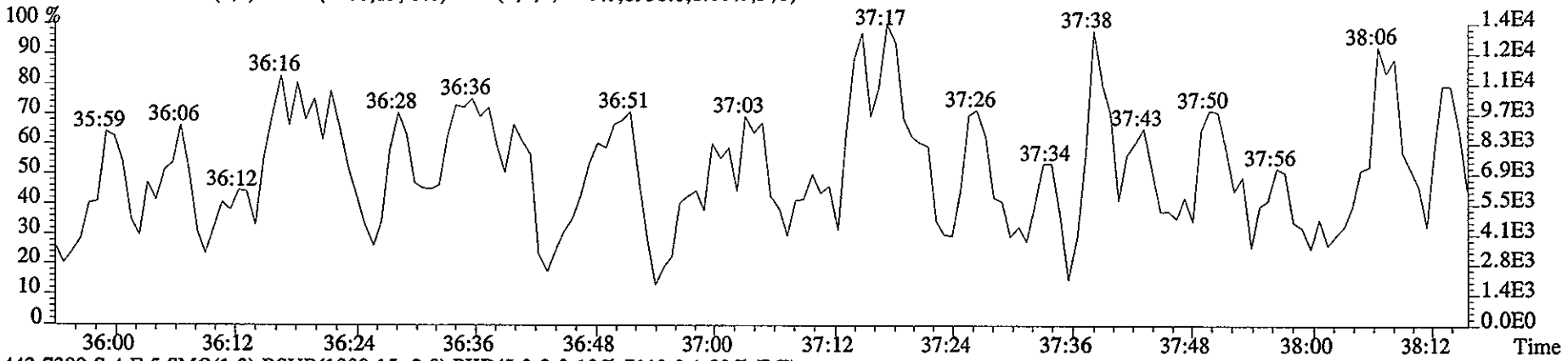
419.8220 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9788.0,1.00%,F,T)



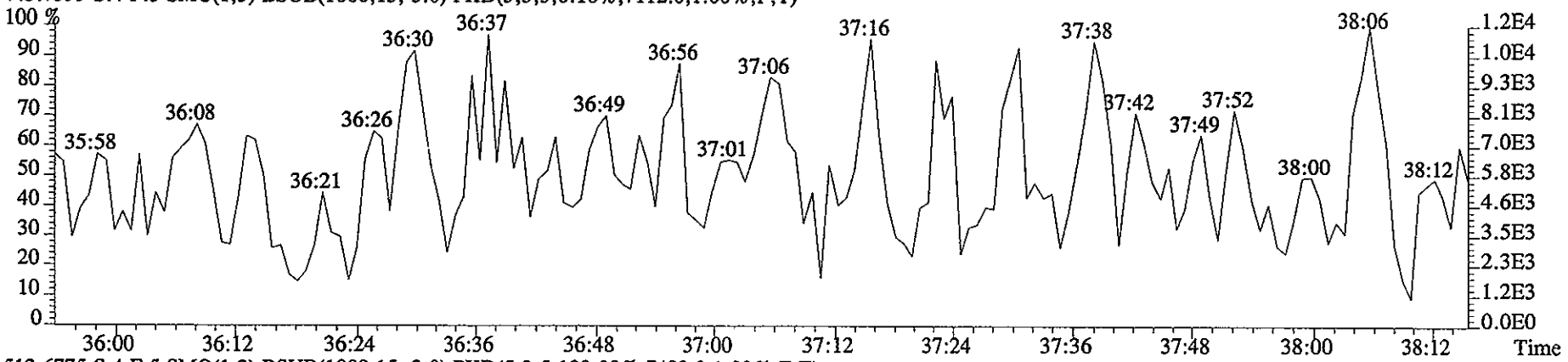
File:11JA061D5 #1-218 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN



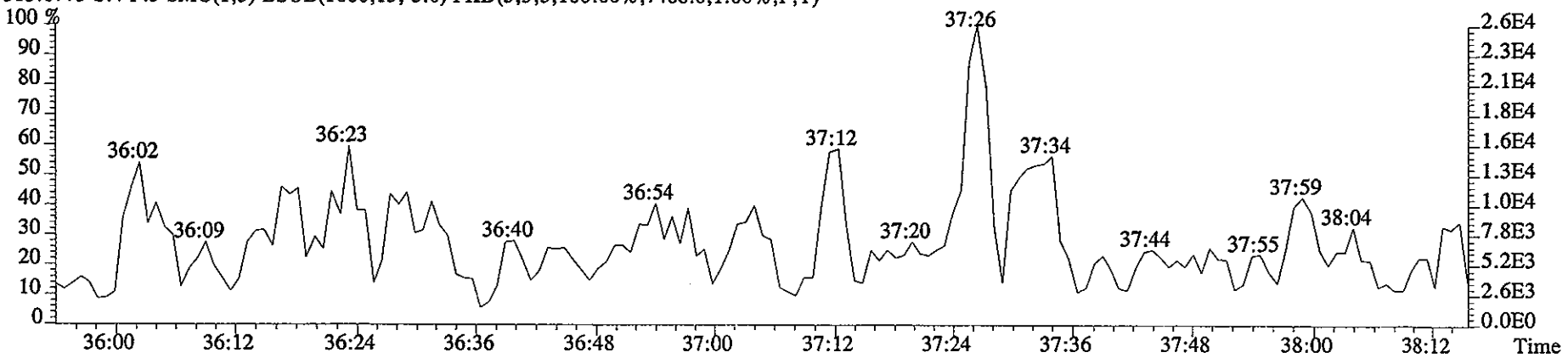
File:11JA061D5 #1-171 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN
441.7428 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8936.0,1.00%,F,T)



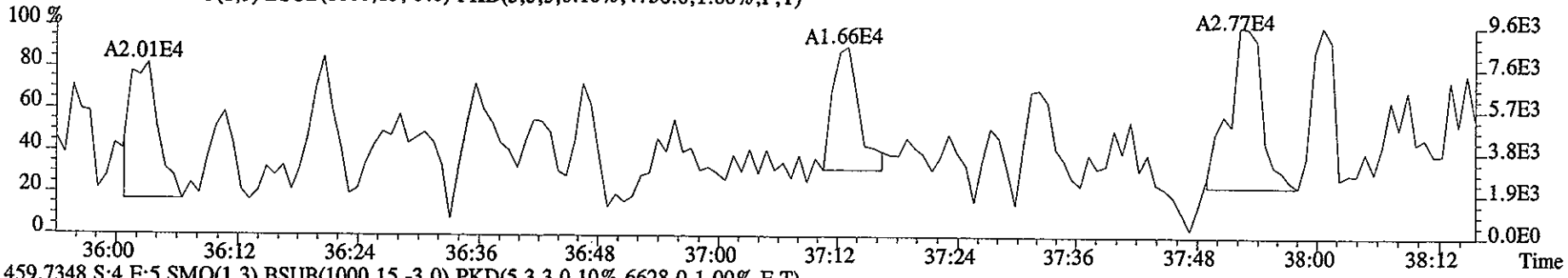
443.7399 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7112.0,1.00%,F,T)



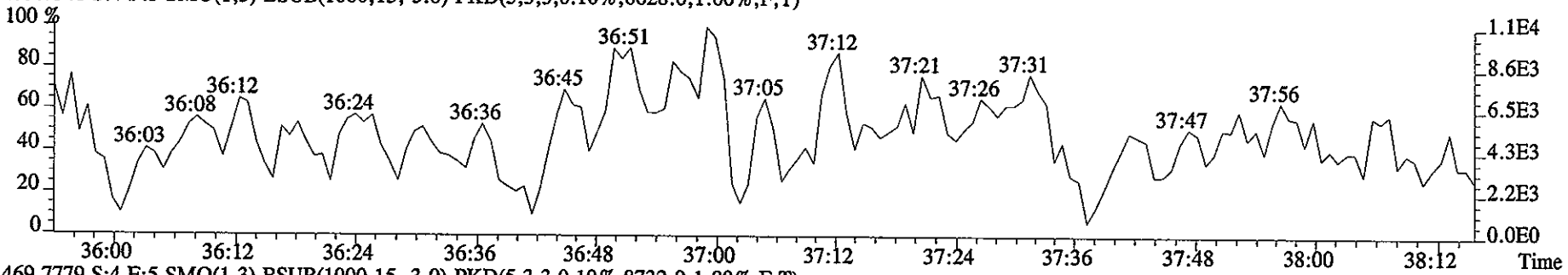
513.6775 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,7488.0,1.00%,F,T)



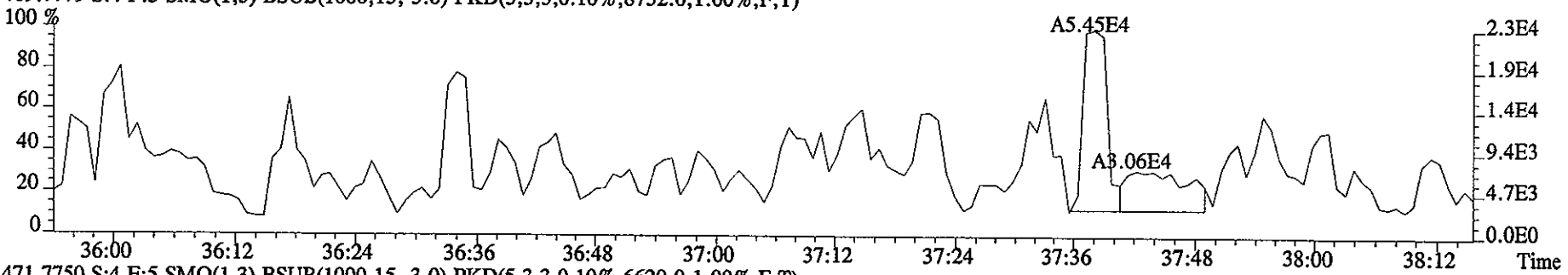
File:11JA061D5 #1-171 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN
457.7377 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4756.0,1.00%,F,T)



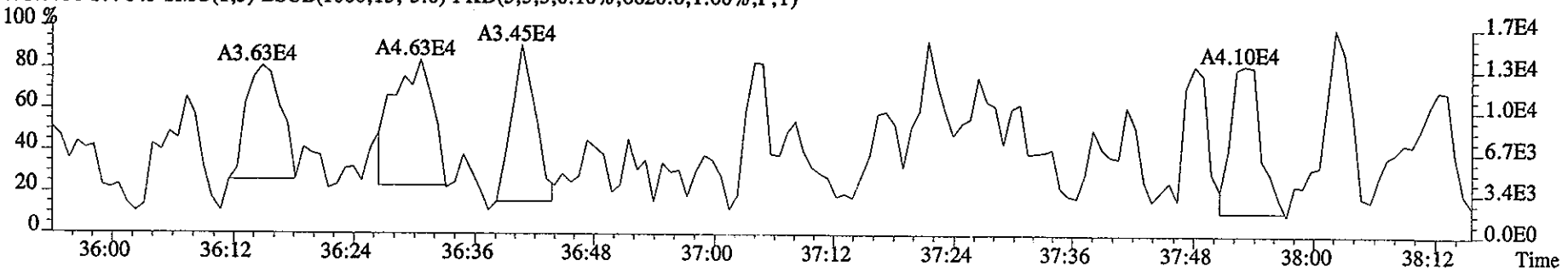
459.7348 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6628.0,1.00%,F,T)



469.7779 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8732.0,1.00%,F,T)

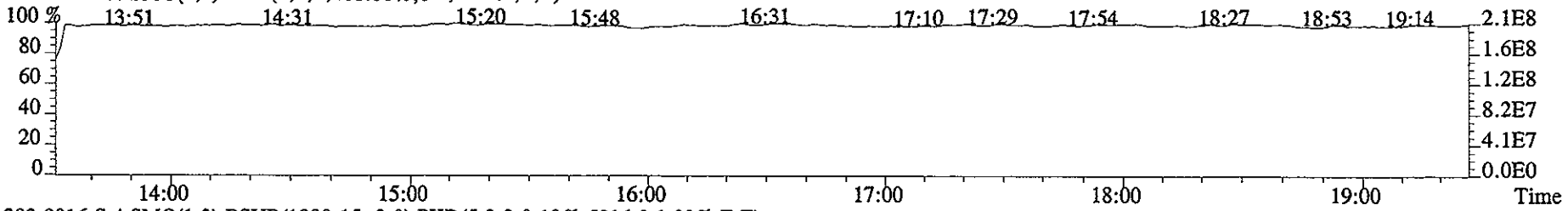


471.7750 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6620.0,1.00%,F,T)

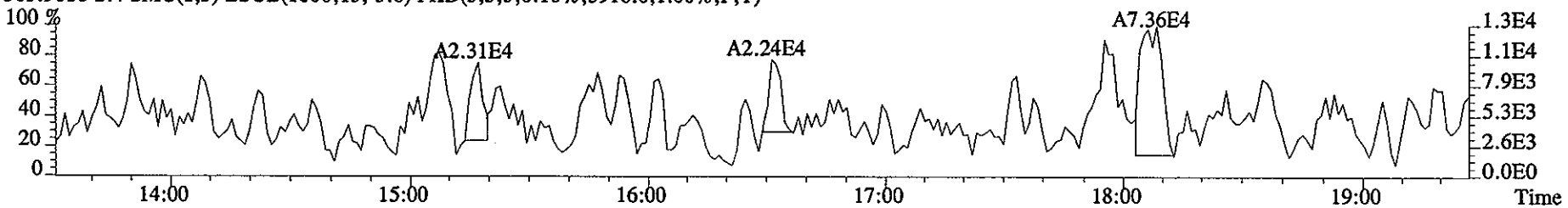


File:11JA061D5 #1-323 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN

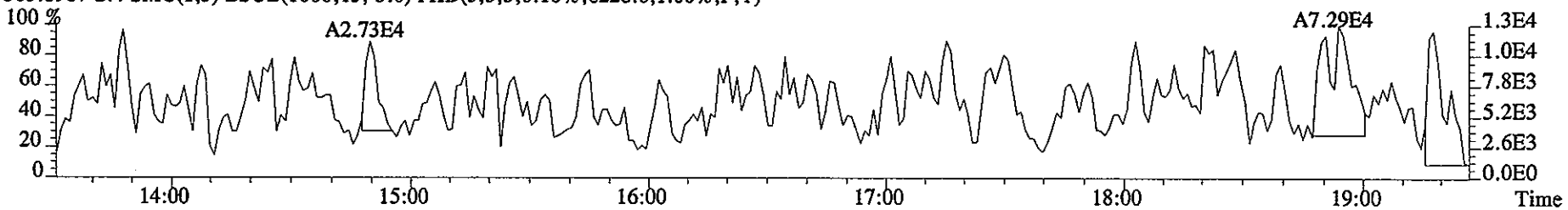
292.9825 S:4 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



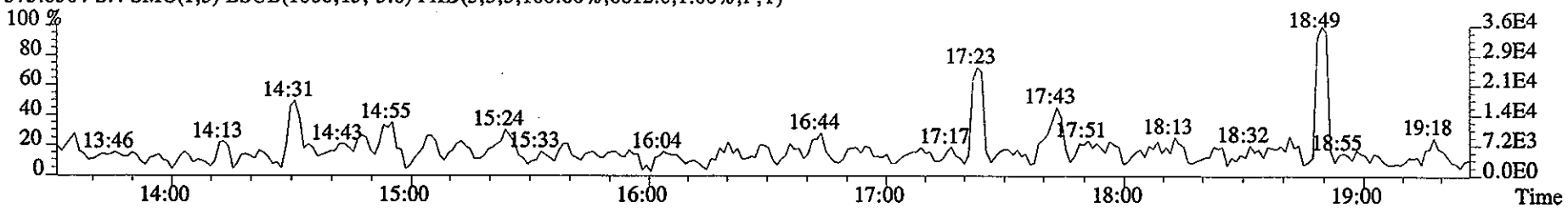
303.9016 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5916.0,1.00%,F,T)



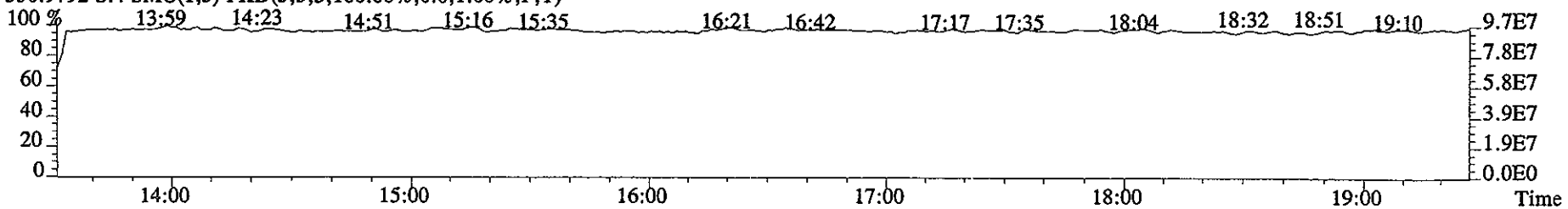
305.8987 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8228.0,1.00%,F,T)



375.8364 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6612.0,1.00%,F,T)

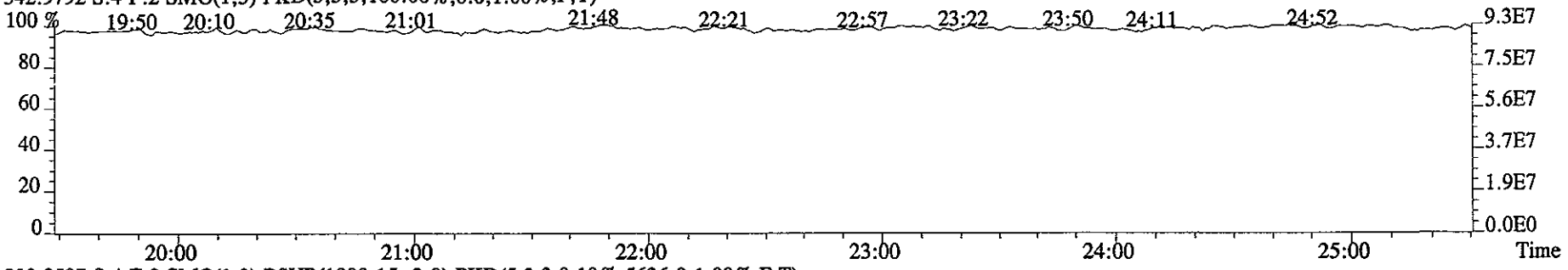


330.9792 S:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

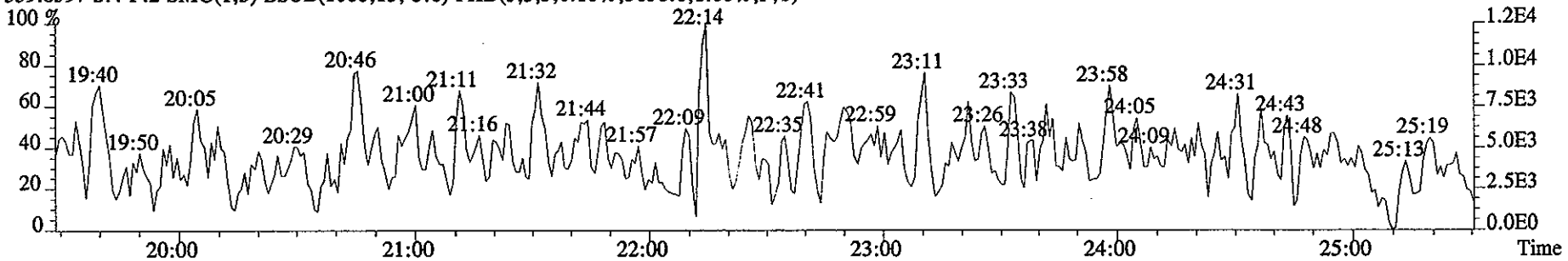


File:11JA061D5 #1-425 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN

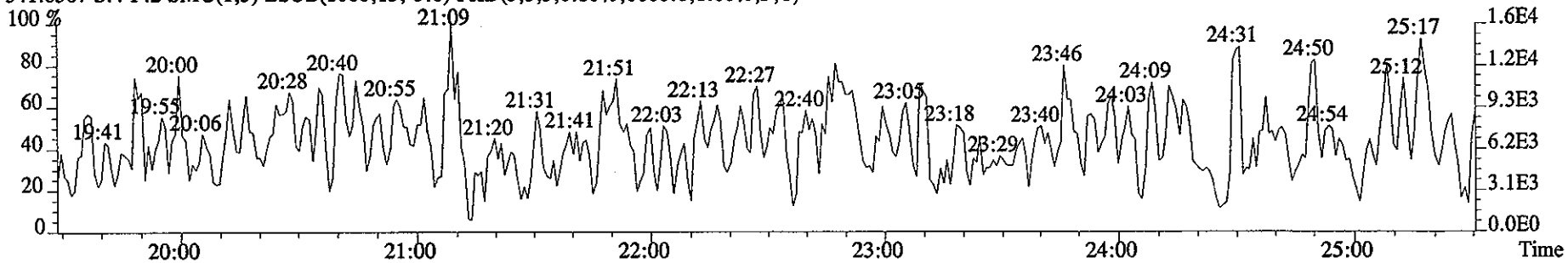
342.9792 S:4 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



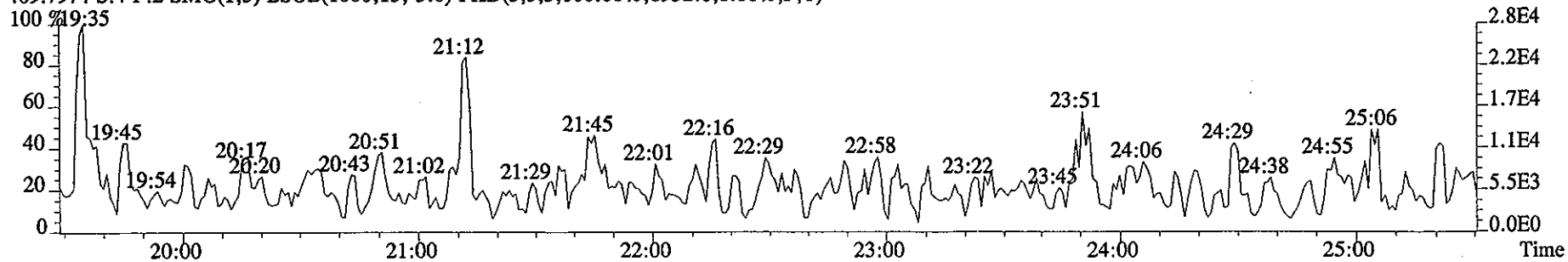
339.8597 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5636.0,1.00%,F,T)



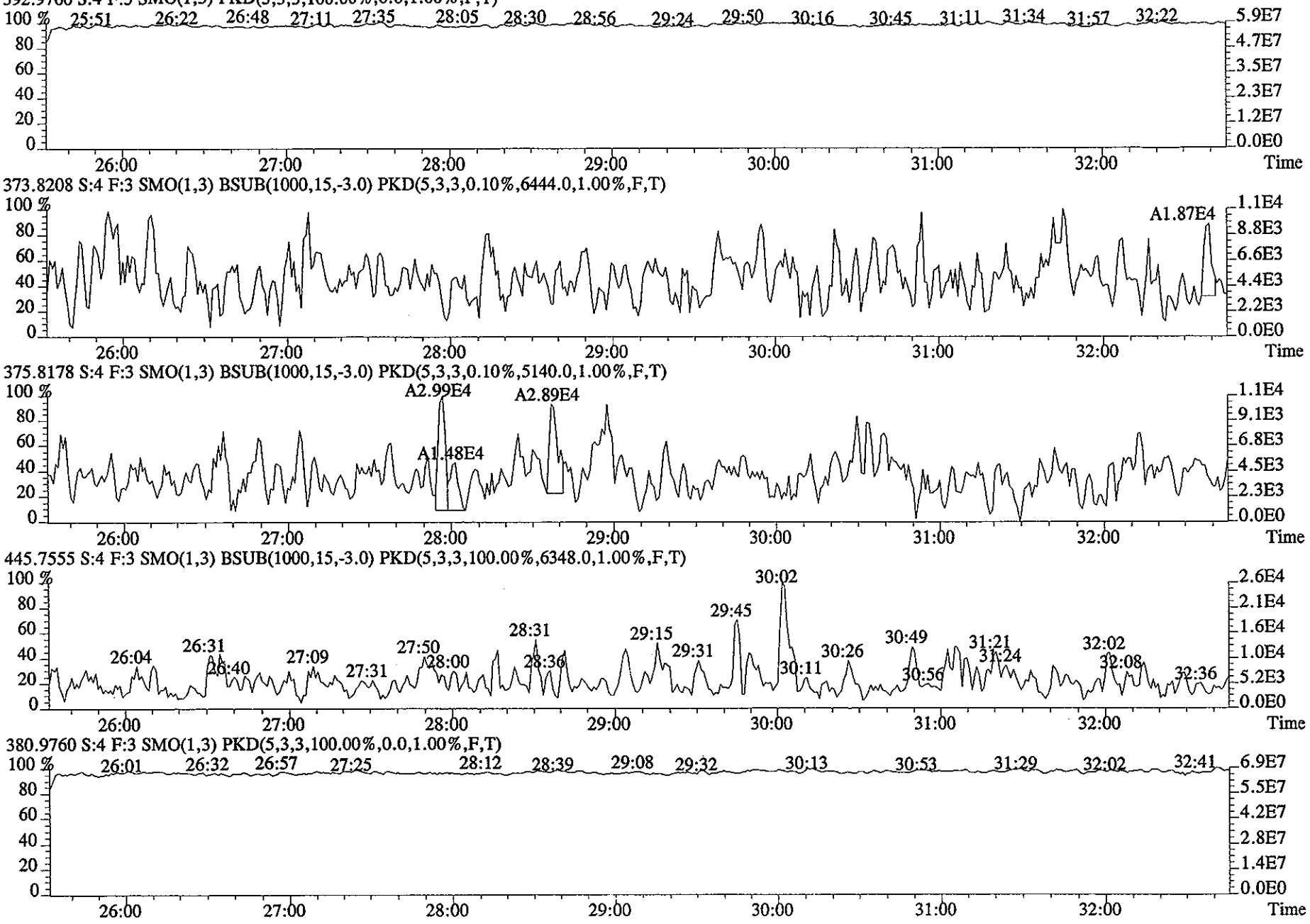
341.8567 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8608.0,1.00%,F,T)



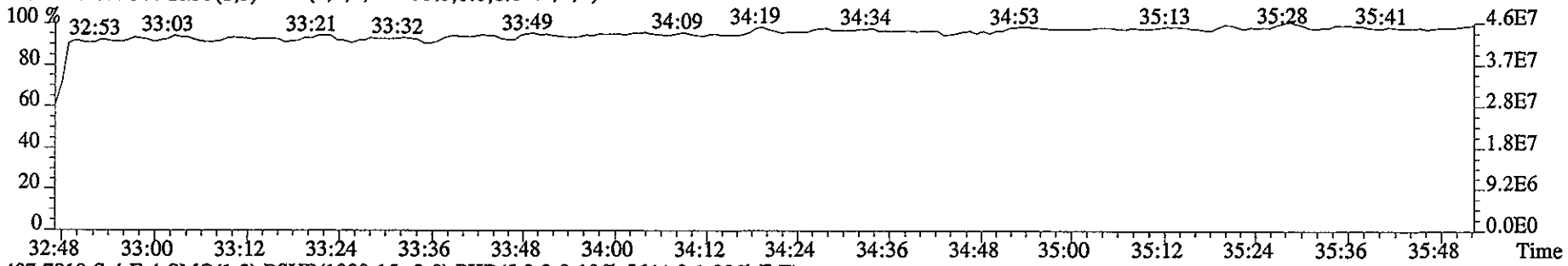
409.7974 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6952.0,1.00%,F,T)



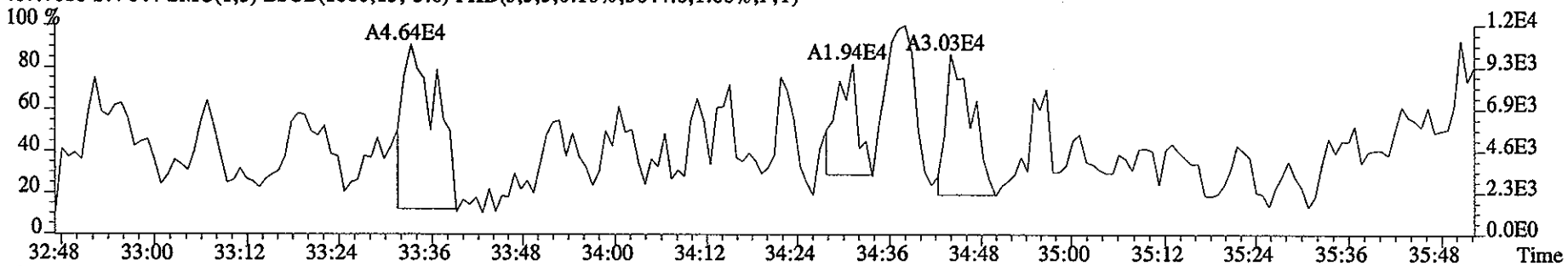
File:11JA061D5 #1-486 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN



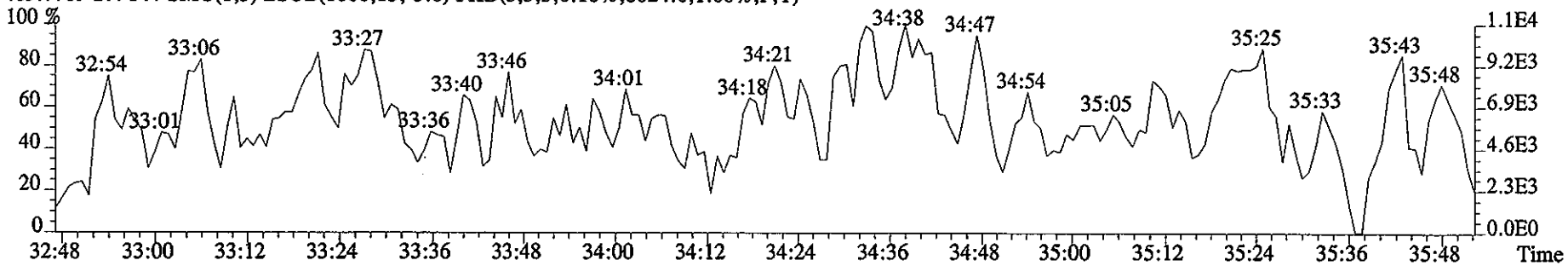
File:11JA061D5 #1-218 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN
430.9728 S:4 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



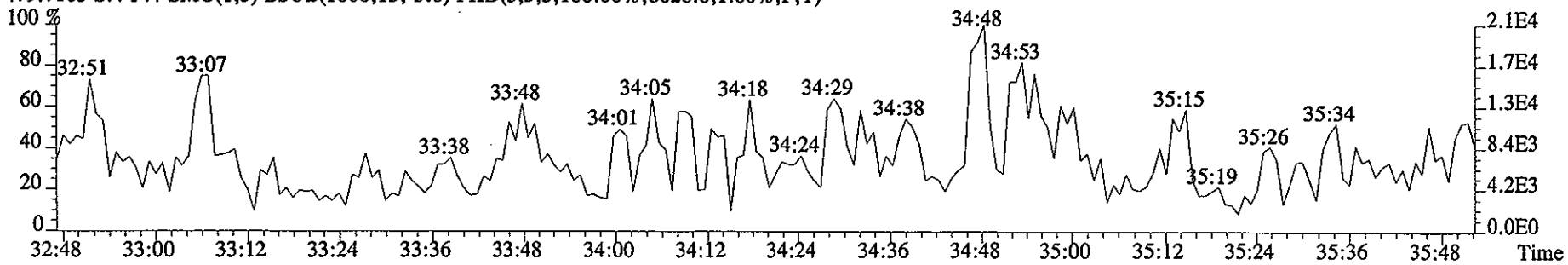
407.7818 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5644.0,1.00%,F,T)



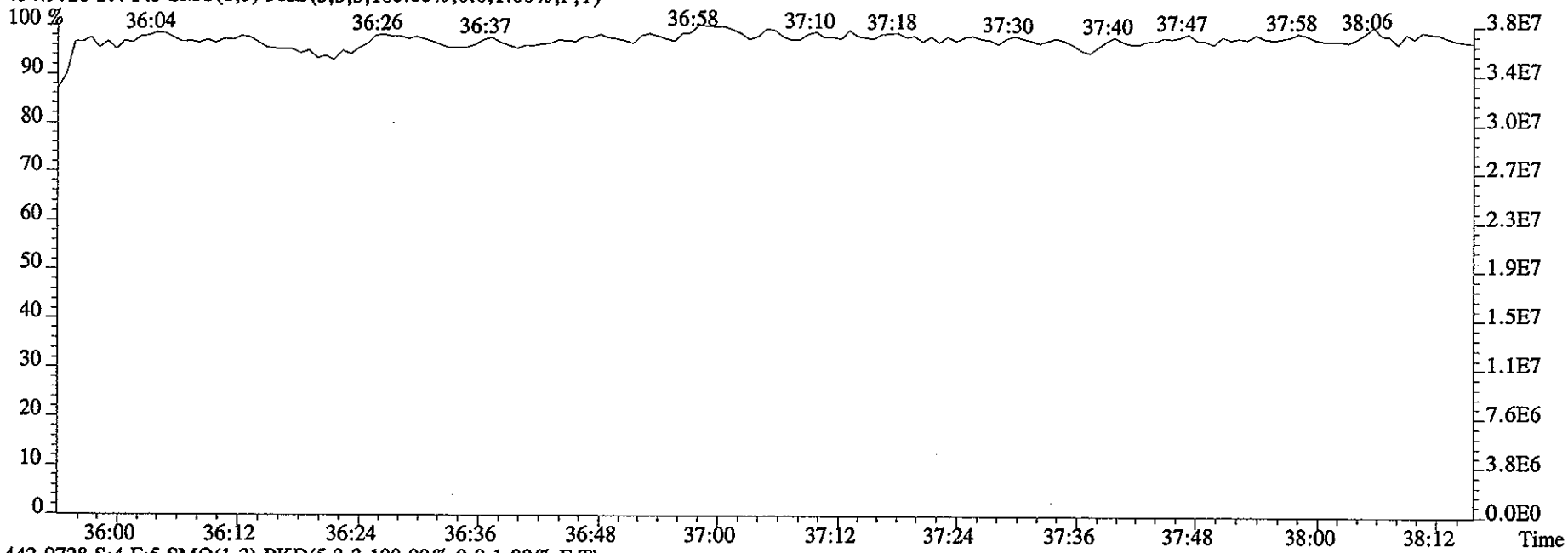
409.7789 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8024.0,1.00%,F,T)



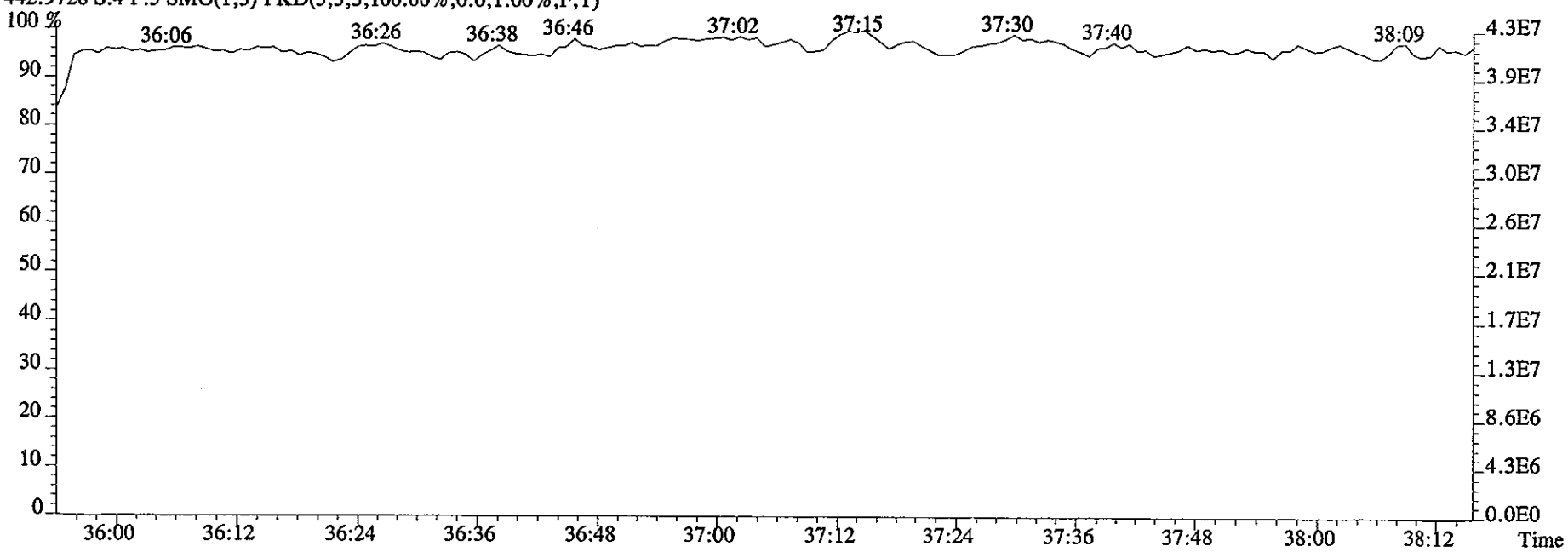
479.7165 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,8028.0,1.00%,F,T)



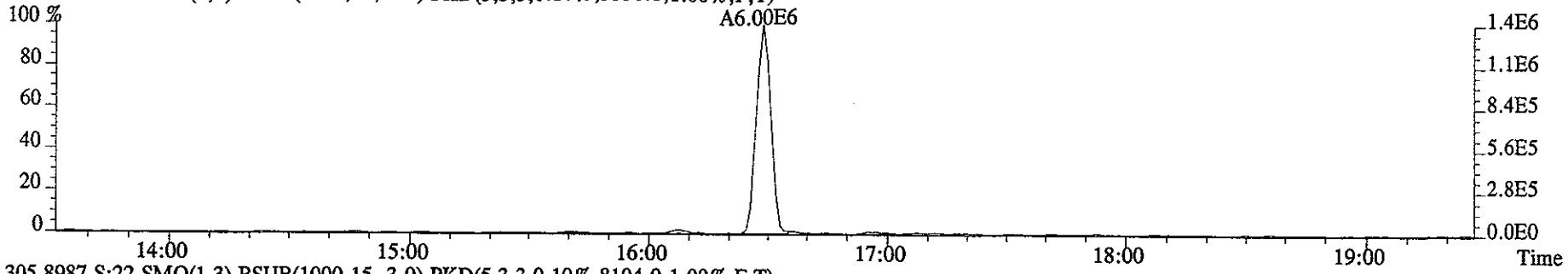
File:11JA061D5 #1-171 Acq:11-JAN-2006 10:46:03 GC EI+ Voltage SIR 70SE
Sample#4 Text:SB0111 :Solvent Blank C-14 Exp:DIOXIN
454.9728 S:4 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



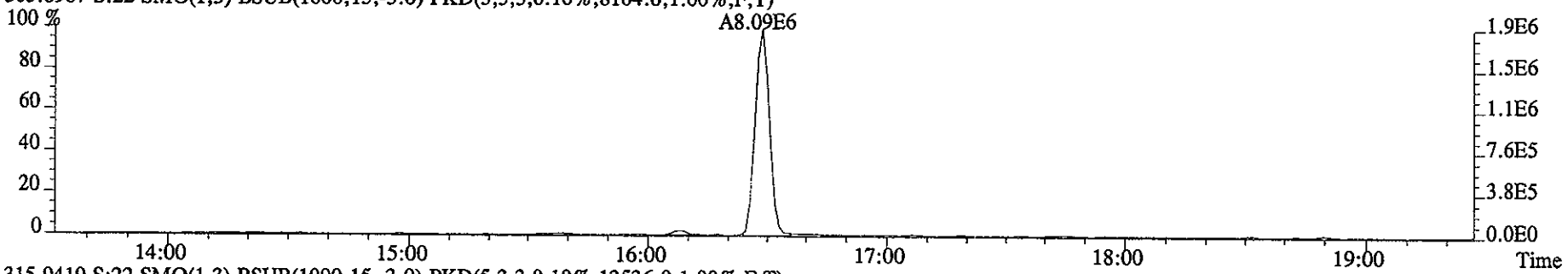
442.9728 S:4 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



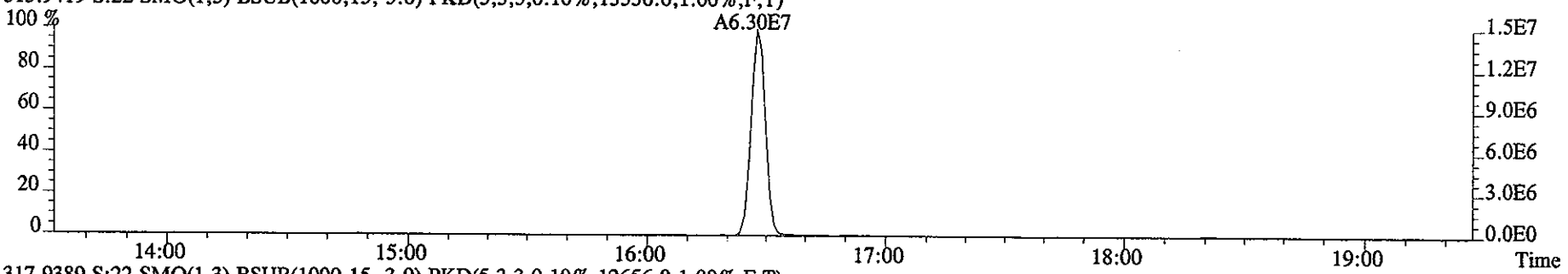
File:11JA061D5 #1-322 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
303.9016 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5336.0,1.00%,F,T)



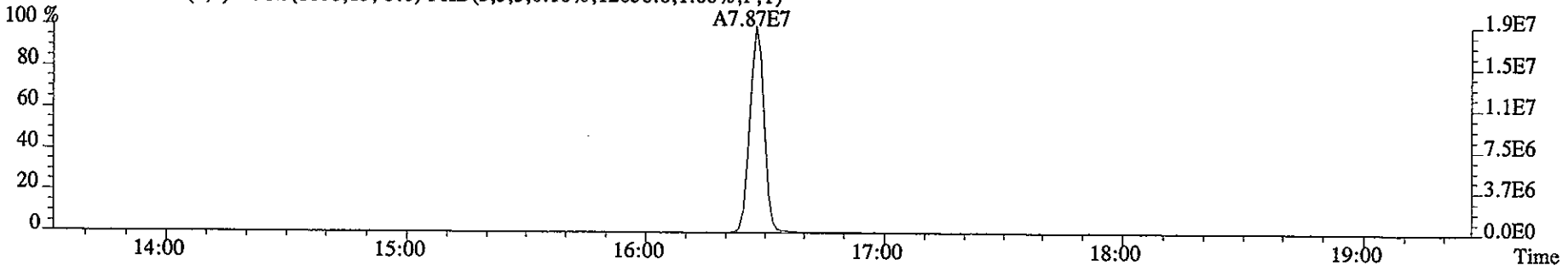
305.8987 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8104.0,1.00%,F,T)



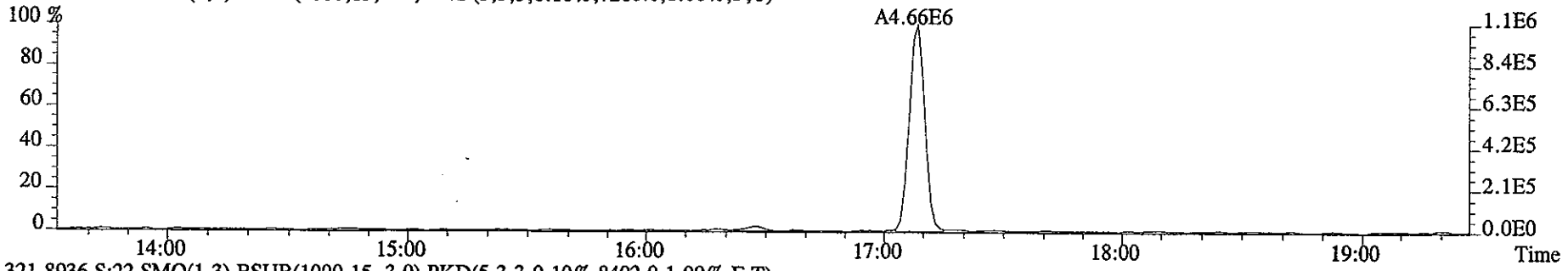
315.9419 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13536.0,1.00%,F,T)



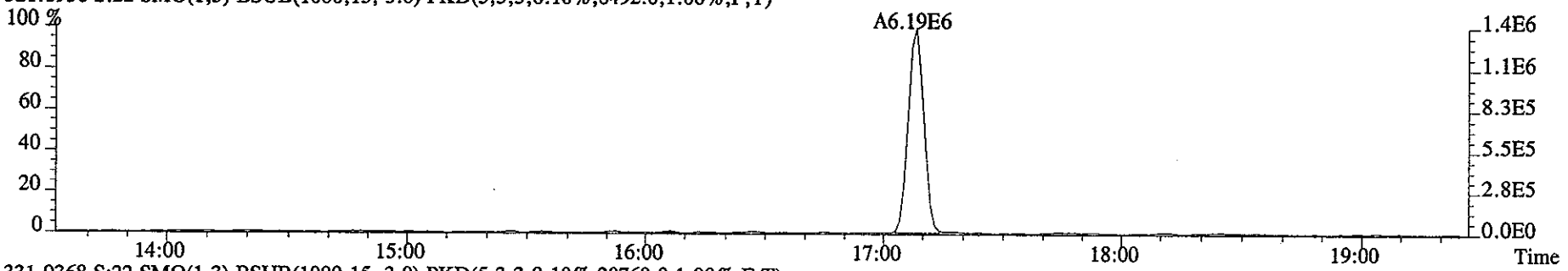
317.9389 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12656.0,1.00%,F,T)



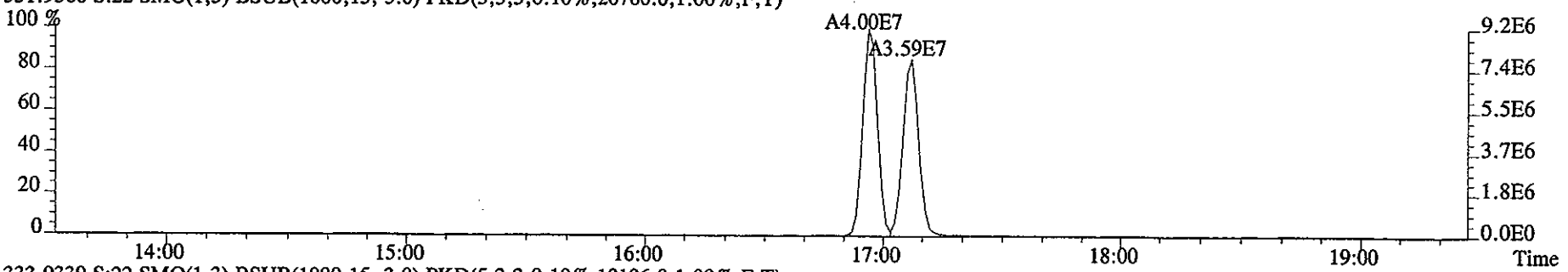
File:11JA061D5 #1-322 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
319.8965 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7260.0,1.00%,F,T)



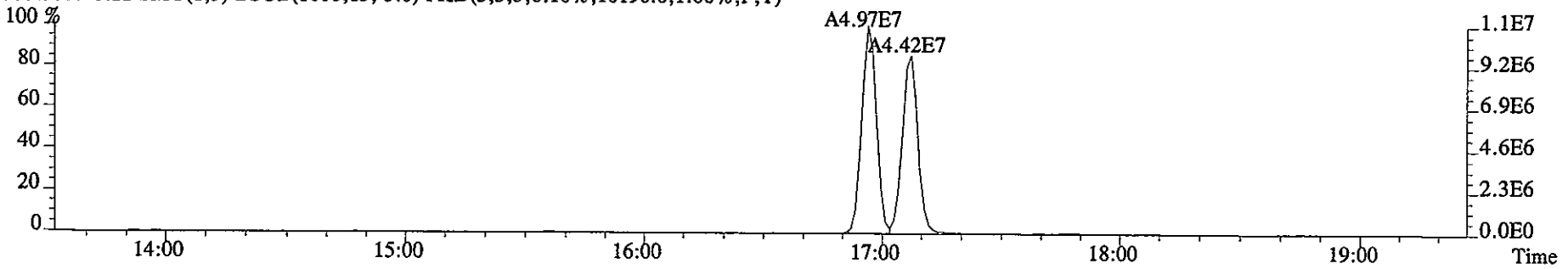
321.8936 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8492.0,1.00%,F,T)



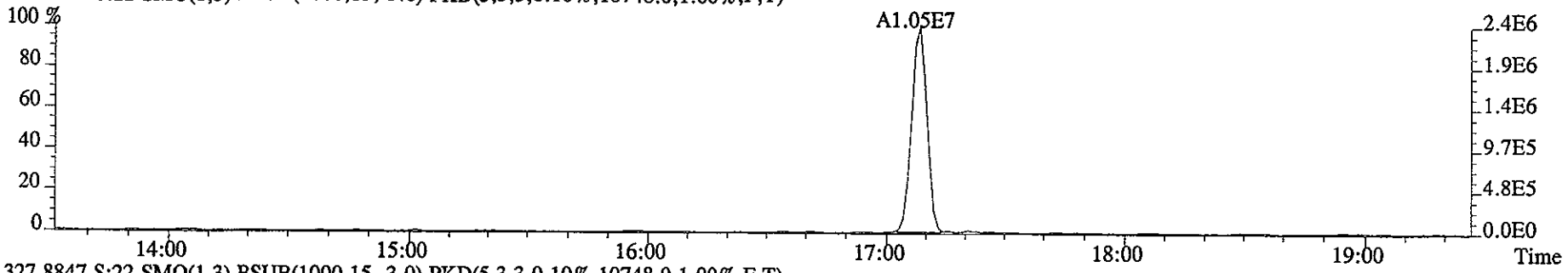
331.9368 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20760.0,1.00%,F,T)



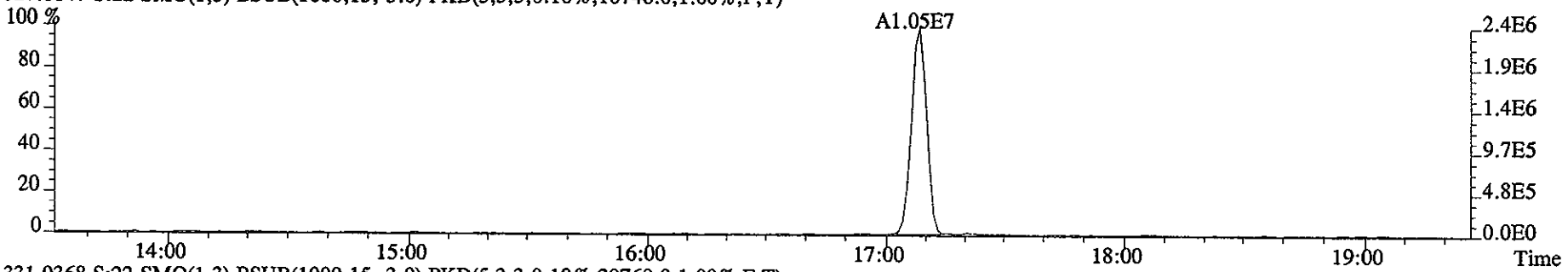
333.9339 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10196.0,1.00%,F,T)



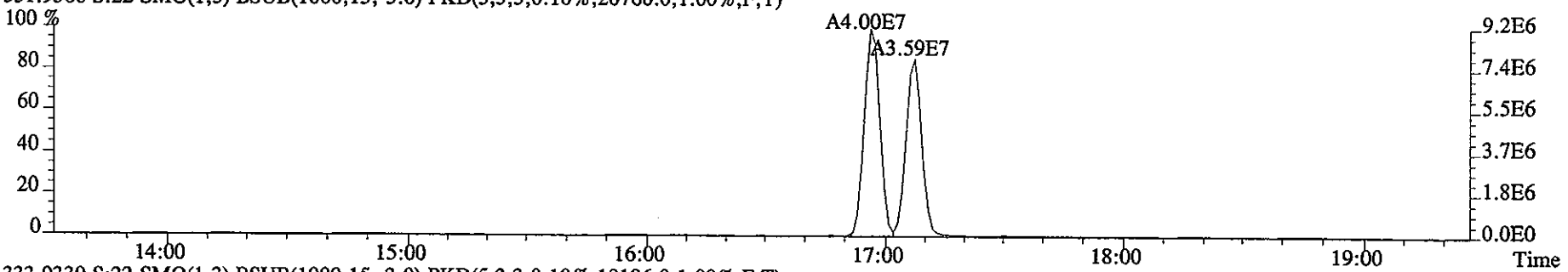
File:11JA061D5 #1-322 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
327.8847 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10748.0,1.00%,F,T)



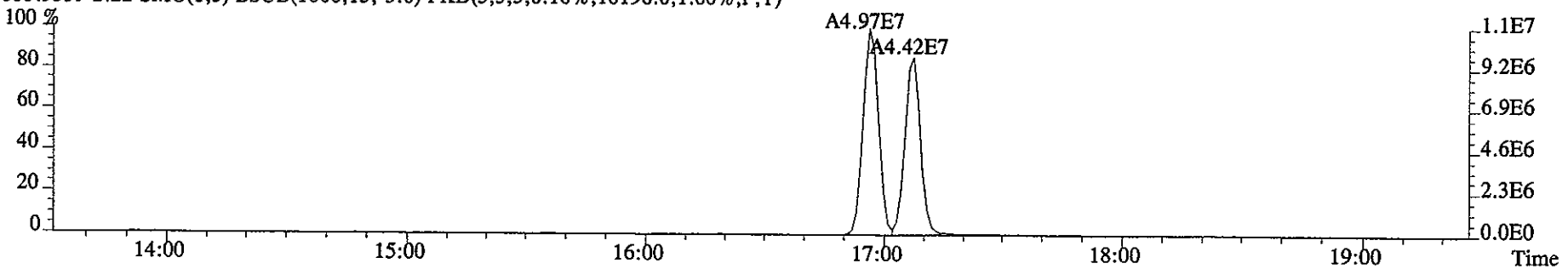
327.8847 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10748.0,1.00%,F,T)



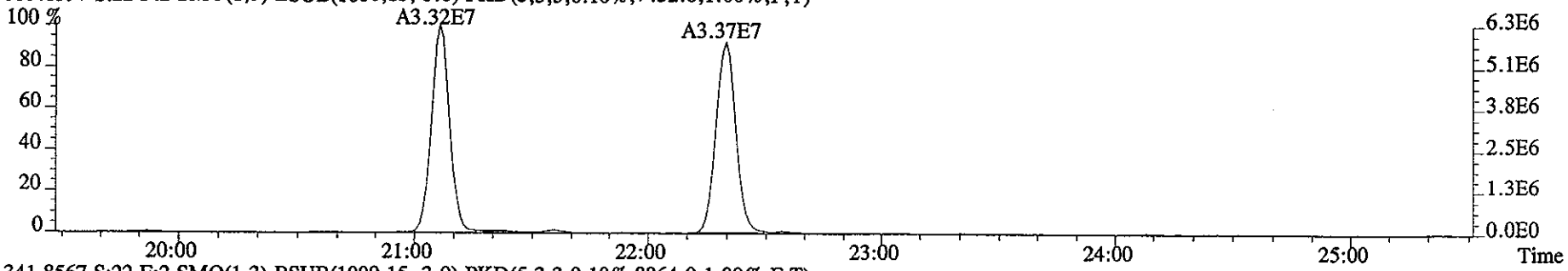
331.9368 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20760.0,1.00%,F,T)



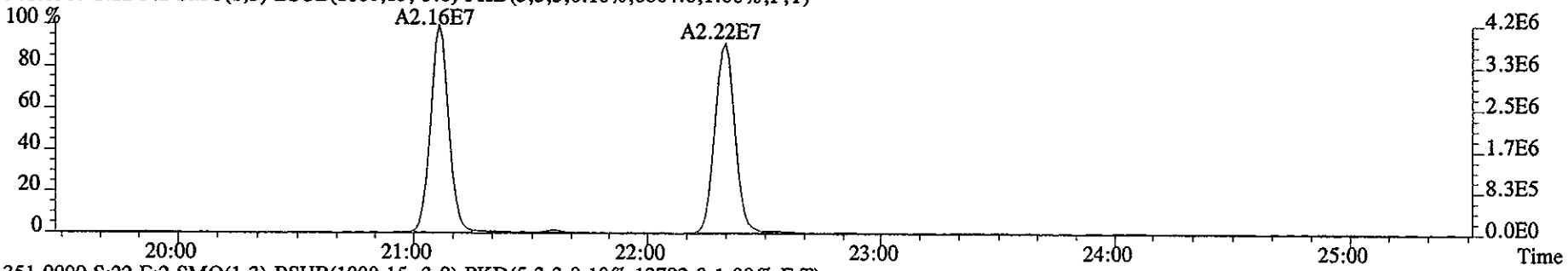
333.9339 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10196.0,1.00%,F,T)



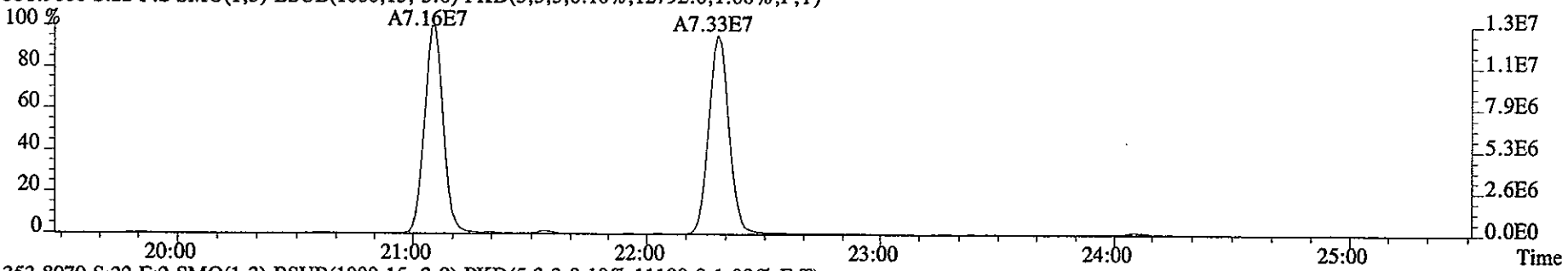
File:11JA061D5 #1-426 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
339.8597 S:22 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7452.0,1.00%,F,T)



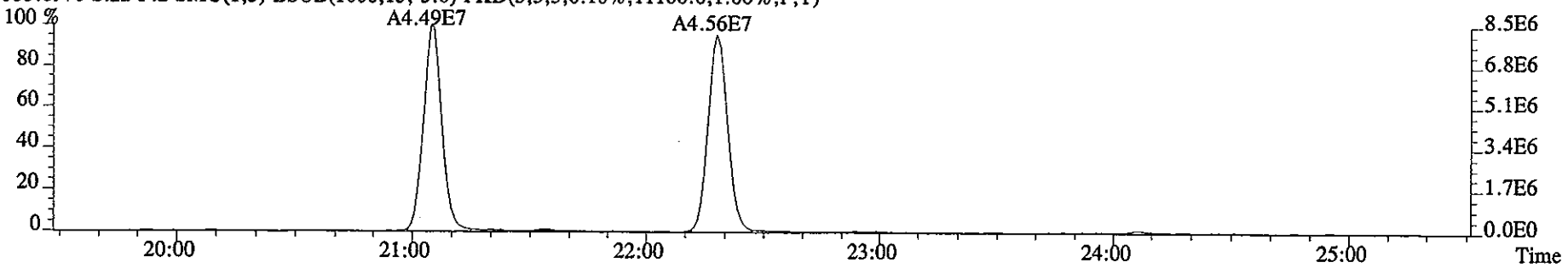
341.8567 S:22 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8864.0,1.00%,F,T)



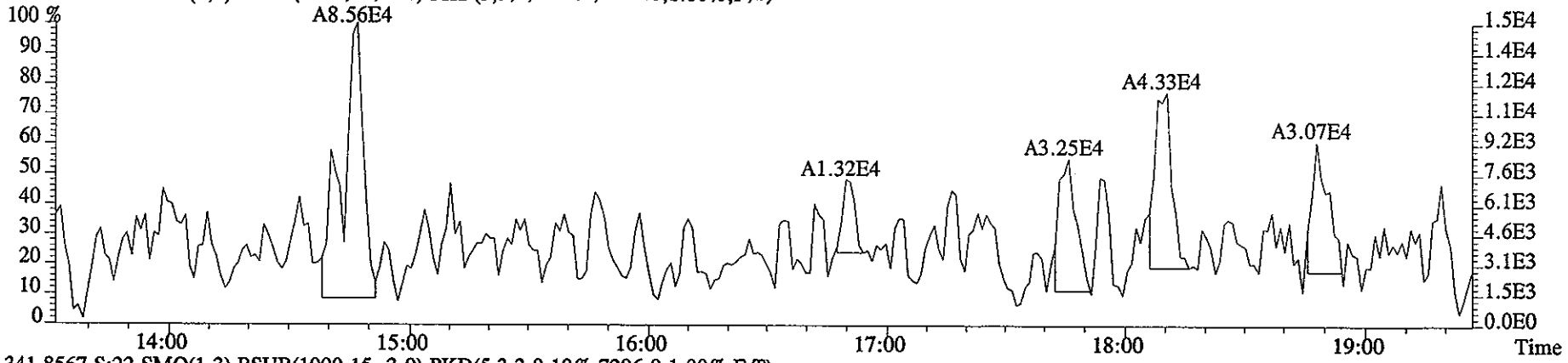
351.9000 S:22 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12792.0,1.00%,F,T)



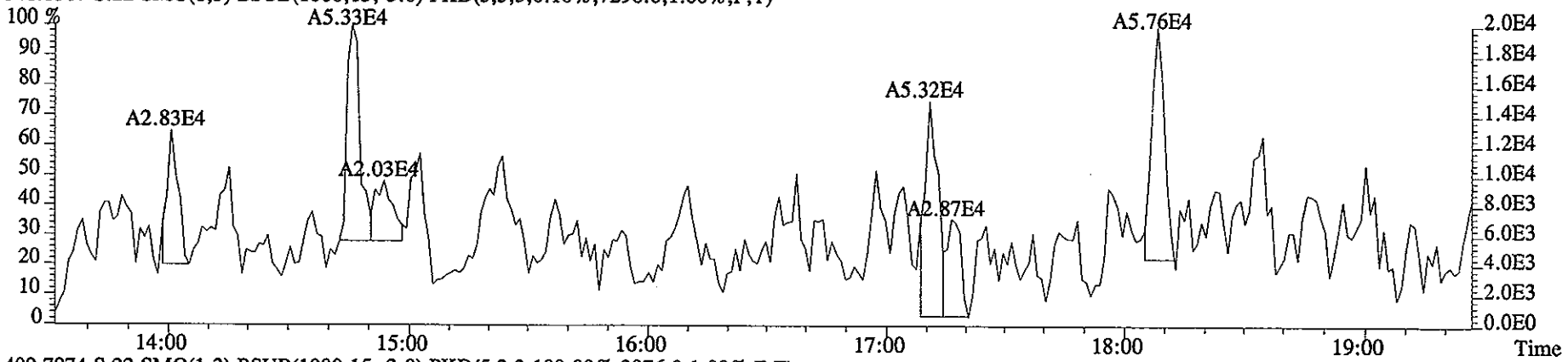
353.8970 S:22 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11100.0,1.00%,F,T)



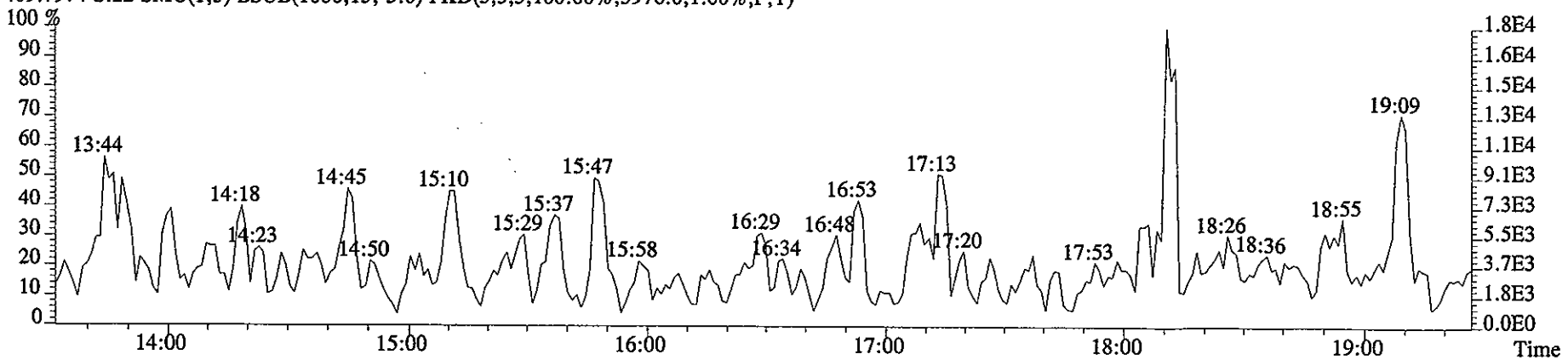
File:11JA061D5 #1-322 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
339.8597 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4920.0,1.00%,F,T)



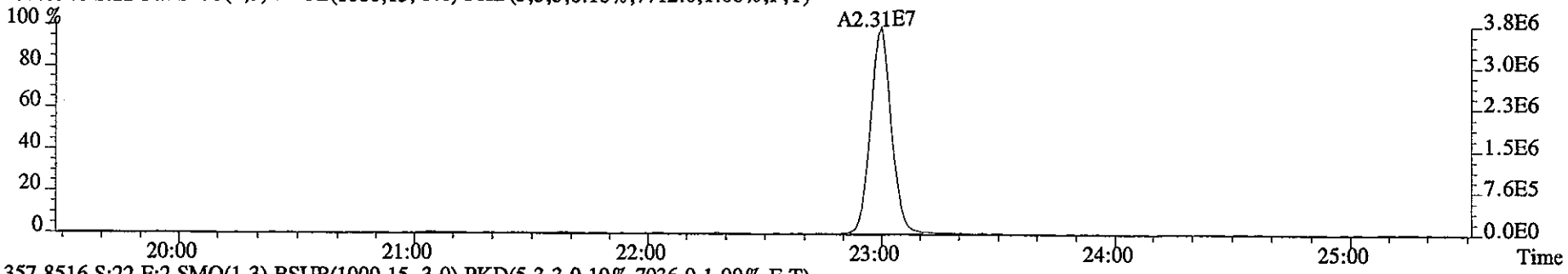
341.8567 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7296.0,1.00%,F,T)



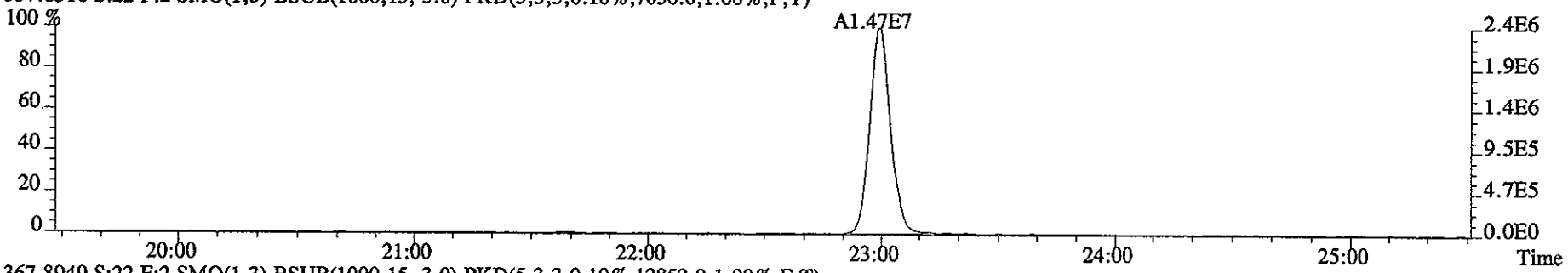
409.7974 S:22 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3976.0,1.00%,F,T)



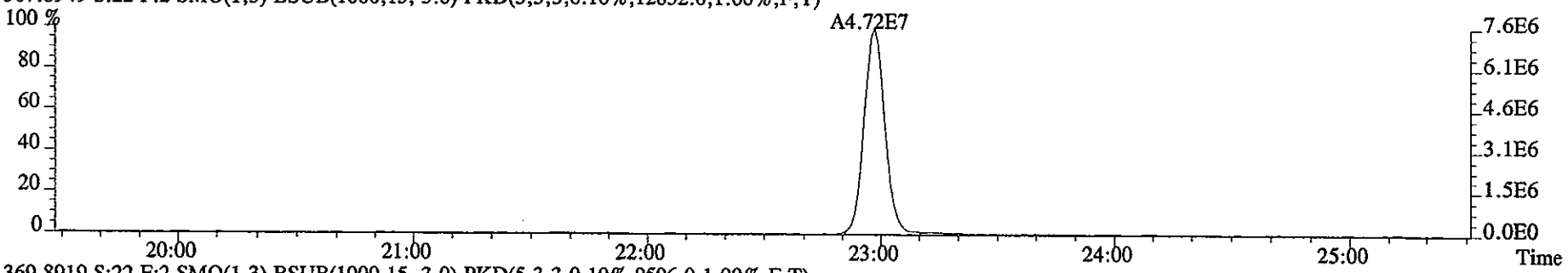
File:11JA061D5 #1-426 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
355.8546 S:22 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7712.0,1.00%,F,T)



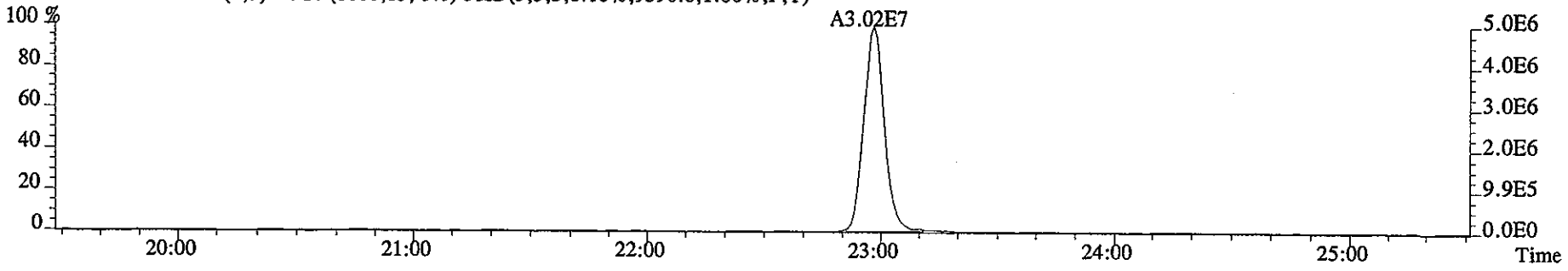
357.8516 S:22 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7036.0,1.00%,F,T)



367.8949 S:22 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12852.0,1.00%,F,T)

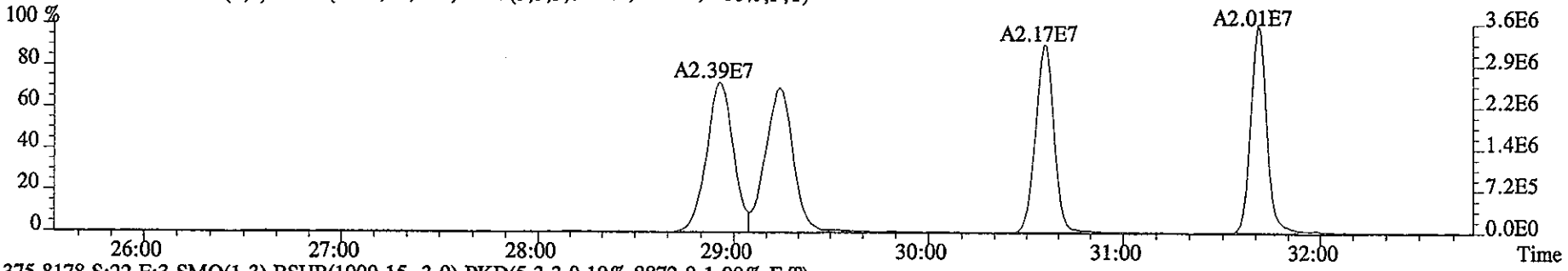


369.8919 S:22 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9596.0,1.00%,F,T)

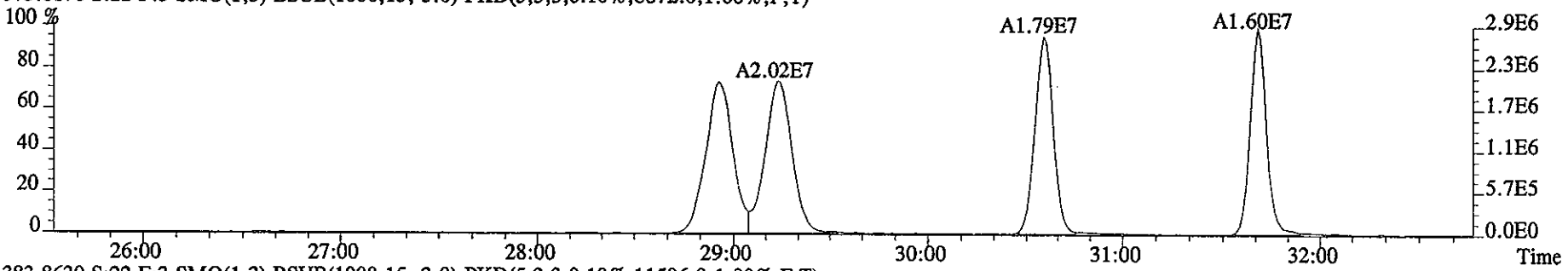


File:11JA061D5 #1-486 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN

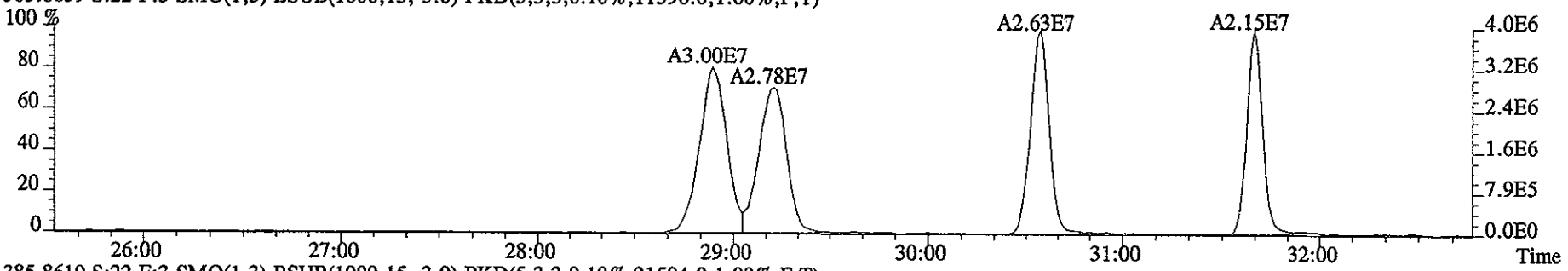
373.8208 S:22 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8868.0,1.00%,F,T)



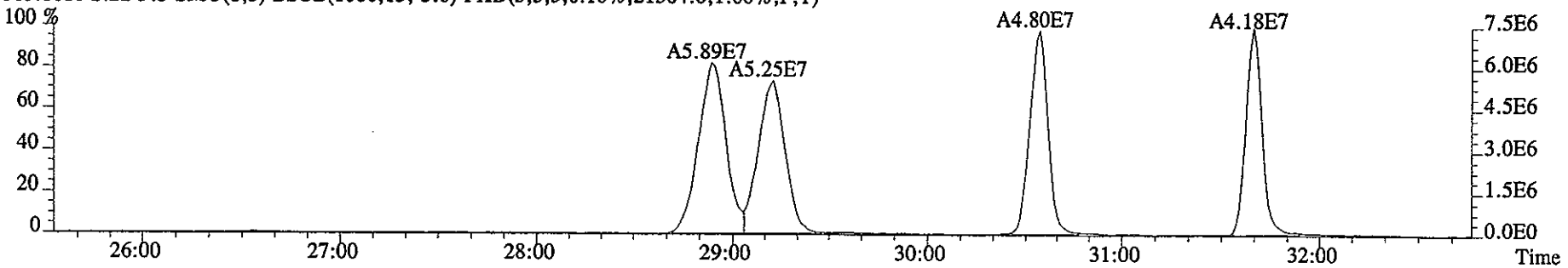
375.8178 S:22 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8872.0,1.00%,F,T)



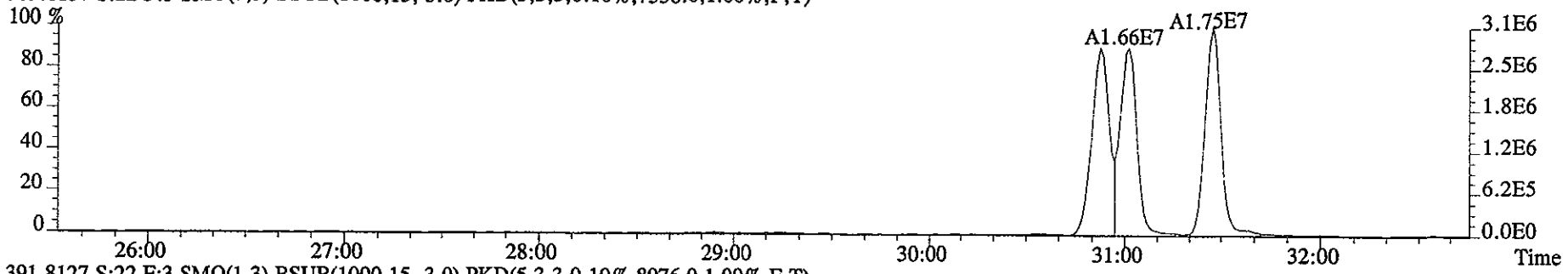
383.8639 S:22 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11596.0,1.00%,F,T)



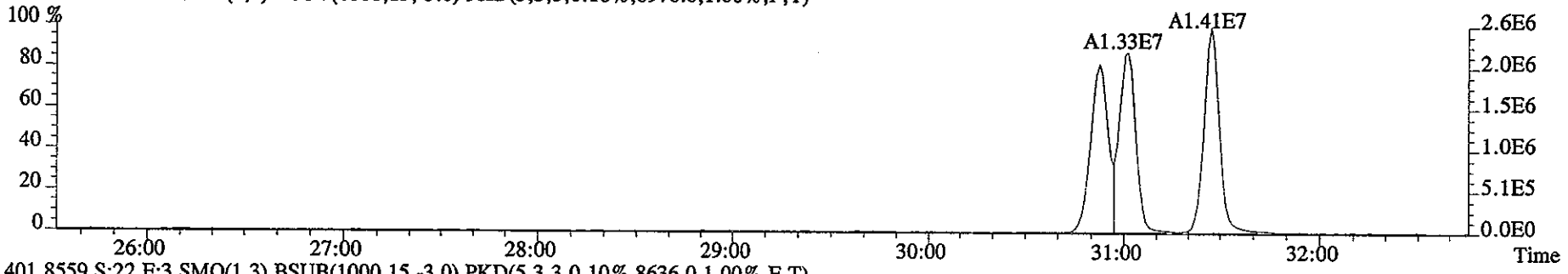
385.8610 S:22 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21504.0,1.00%,F,T)



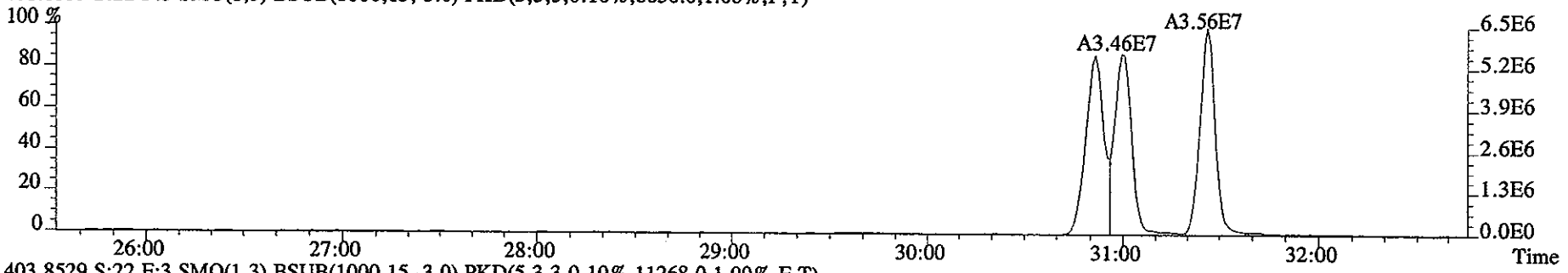
File:11JA061D5 #1-486 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
389.8157 S:22 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7556.0,1.00%,F,T)



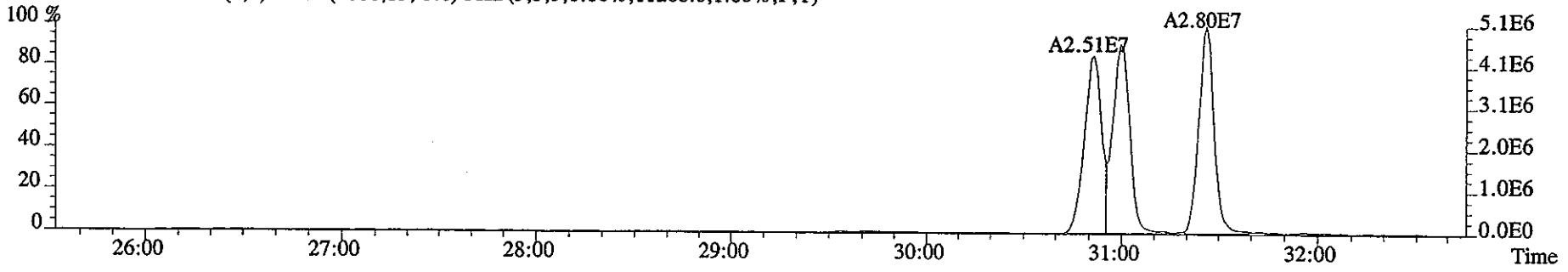
391.8127 S:22 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8976.0,1.00%,F,T)



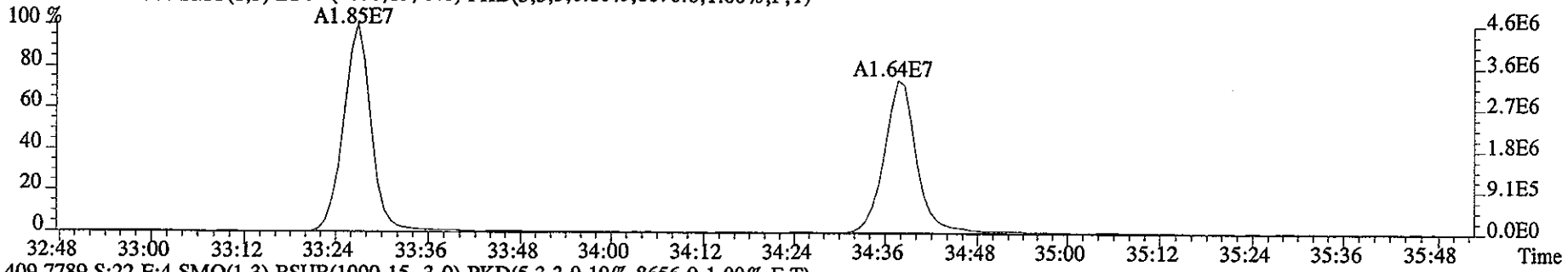
401.8559 S:22 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8636.0,1.00%,F,T)



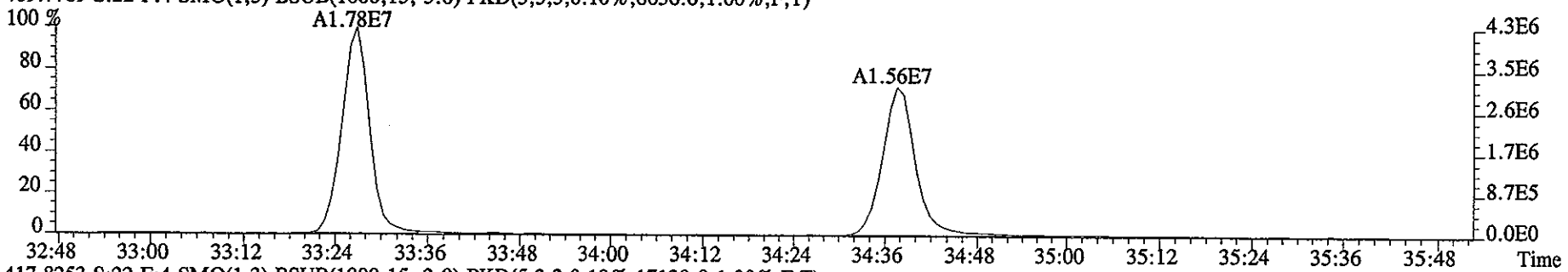
403.8529 S:22 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11268.0,1.00%,F,T)



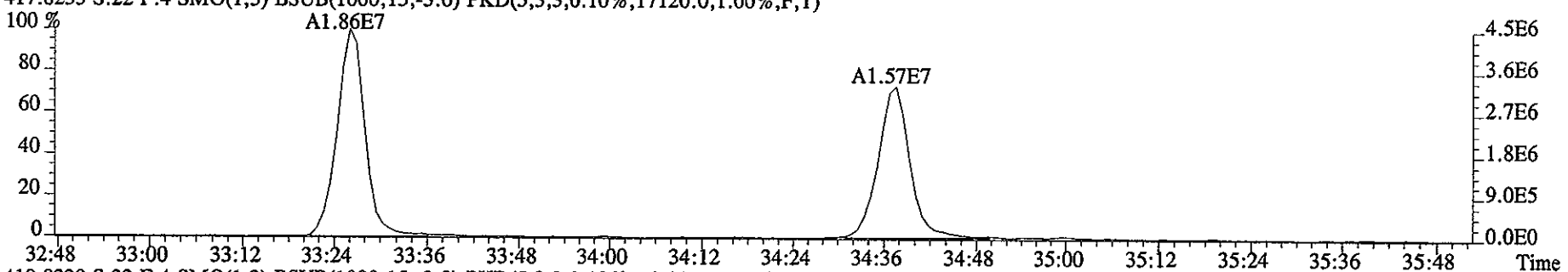
File:11JA061D5 #1-218 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
407.7818 S:22 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8876.0,1.00%,F,T)



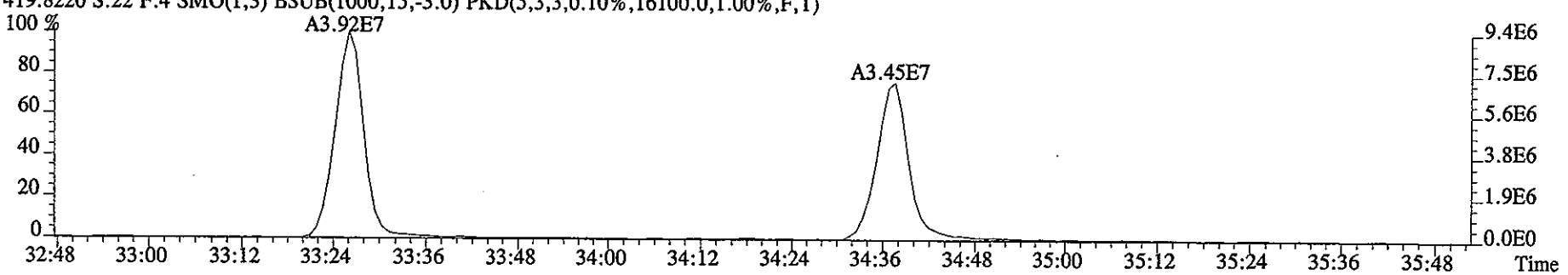
409.7789 S:22 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8656.0,1.00%,F,T)



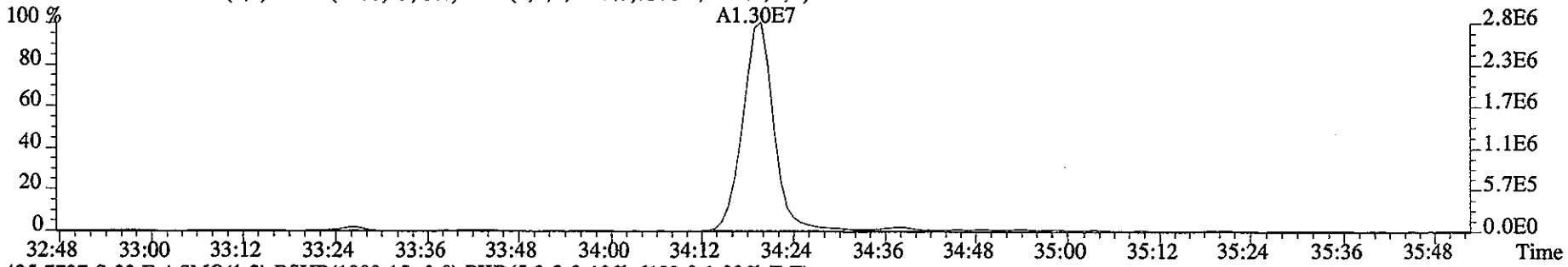
417.8253 S:22 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17120.0,1.00%,F,T)



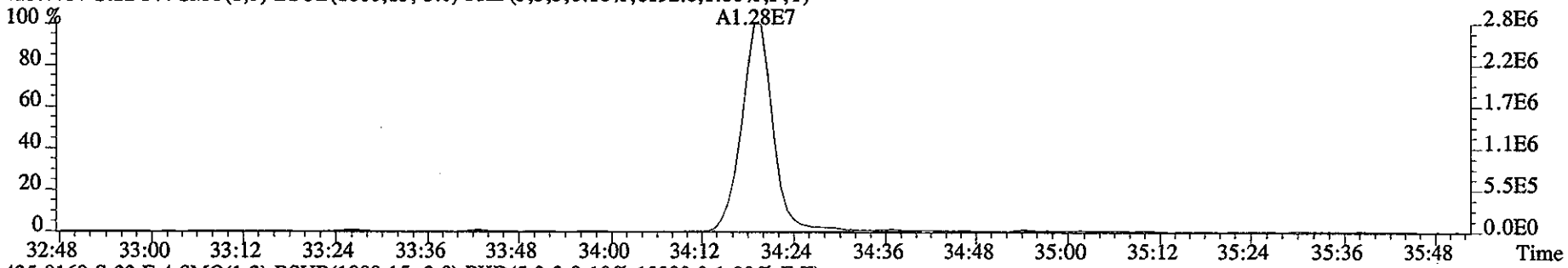
419.8220 S:22 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16100.0,1.00%,F,T)



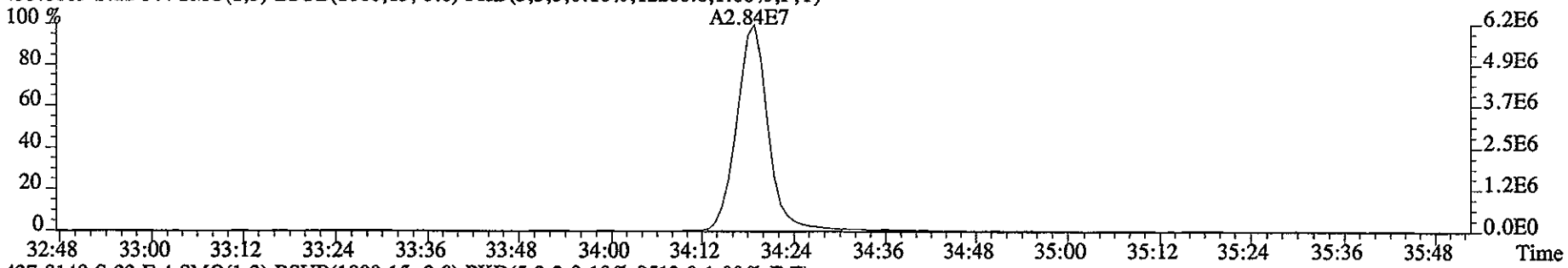
File:11JA061D5 #1-218 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
423.7766 S:22 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7376.0,1.00%,F,T)



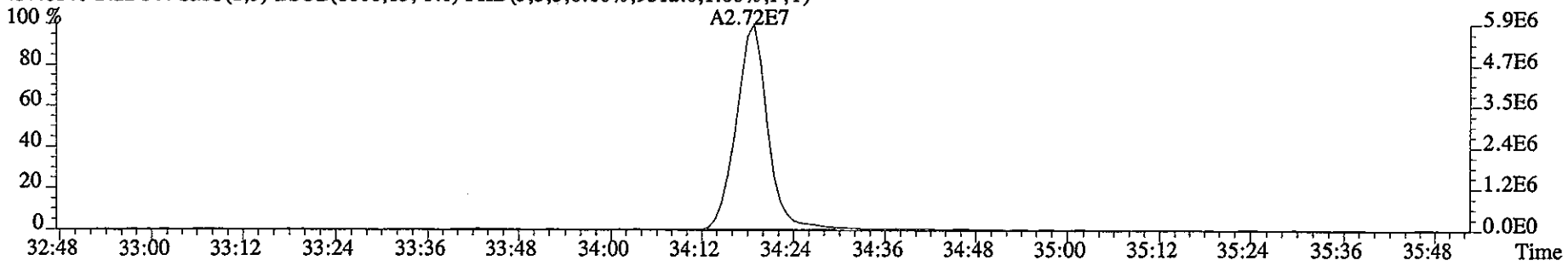
425.7737 S:22 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6192.0,1.00%,F,T)



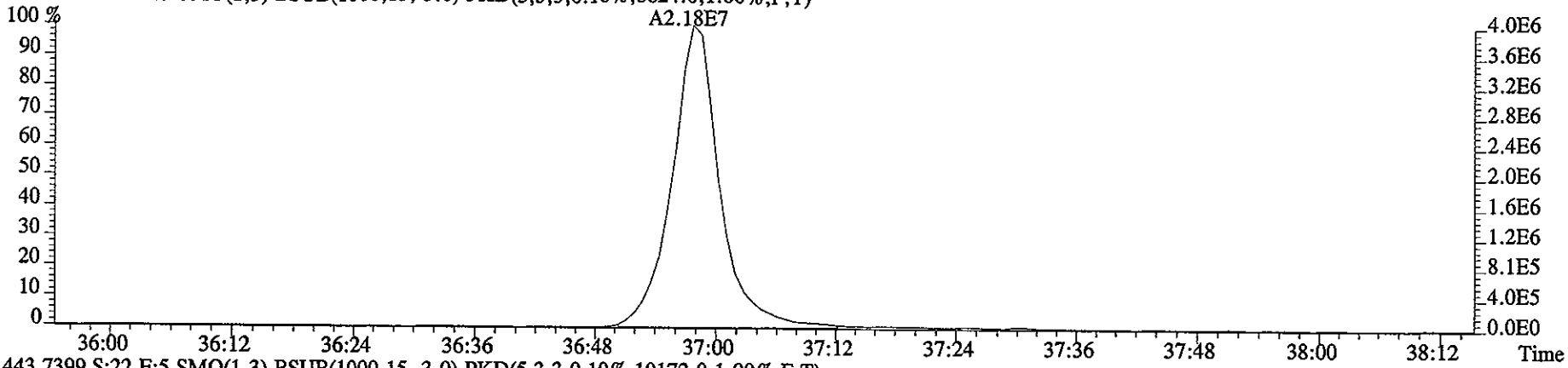
435.8169 S:22 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12280.0,1.00%,F,T)



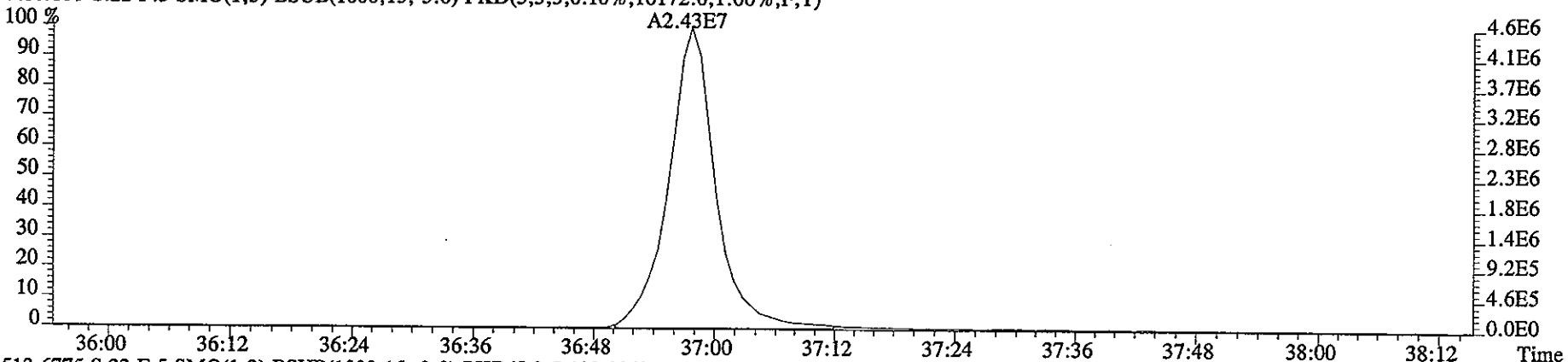
437.8140 S:22 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9512.0,1.00%,F,T)



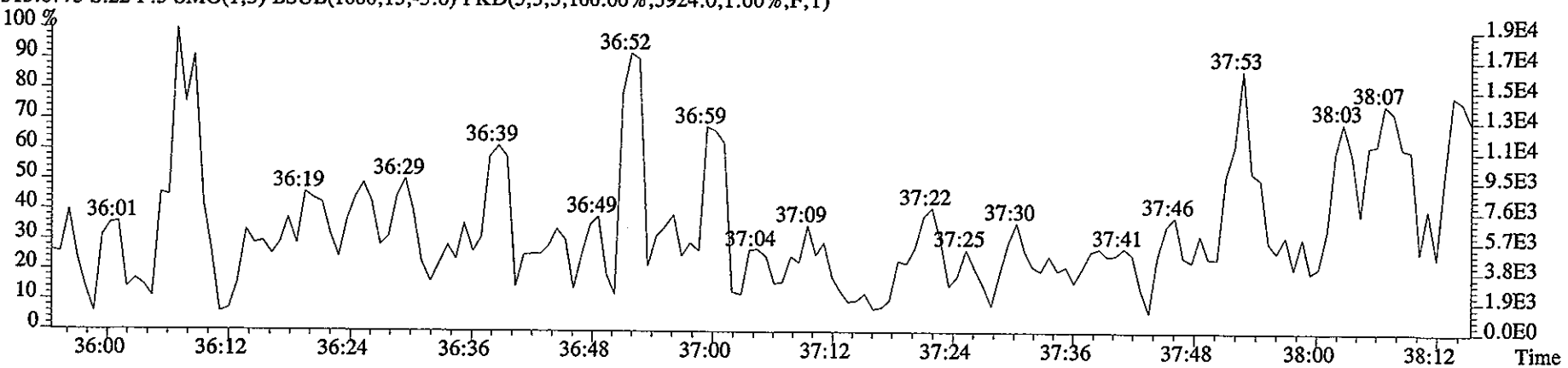
File:11JA061D5 #1-170 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
441.7428 S:22 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8624.0,1.00%,F,T)



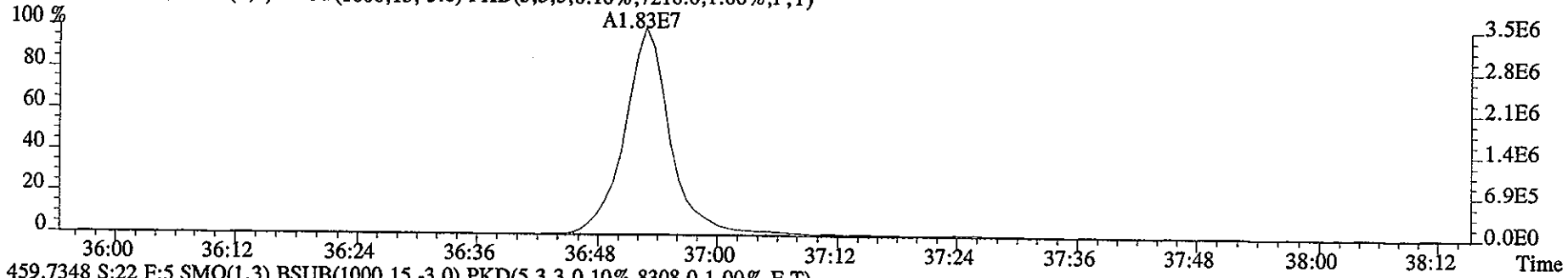
443.7399 S:22 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10172.0,1.00%,F,T)



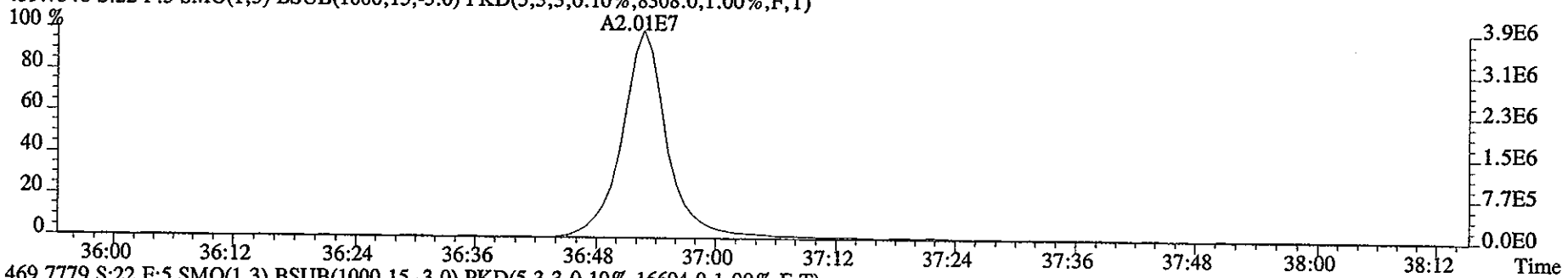
513.6775 S:22 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,5924.0,1.00%,F,T)



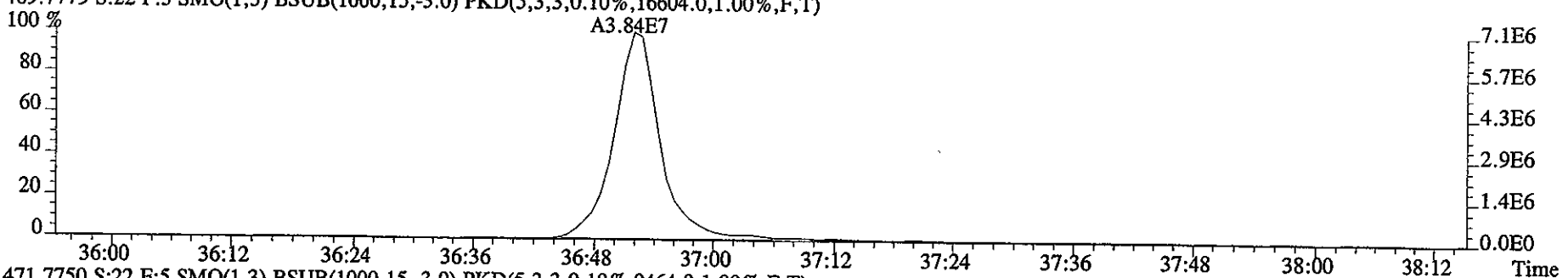
File:11JA061D5 #1-170 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
457.7377 S:22 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7216.0,1.00%,F,T)



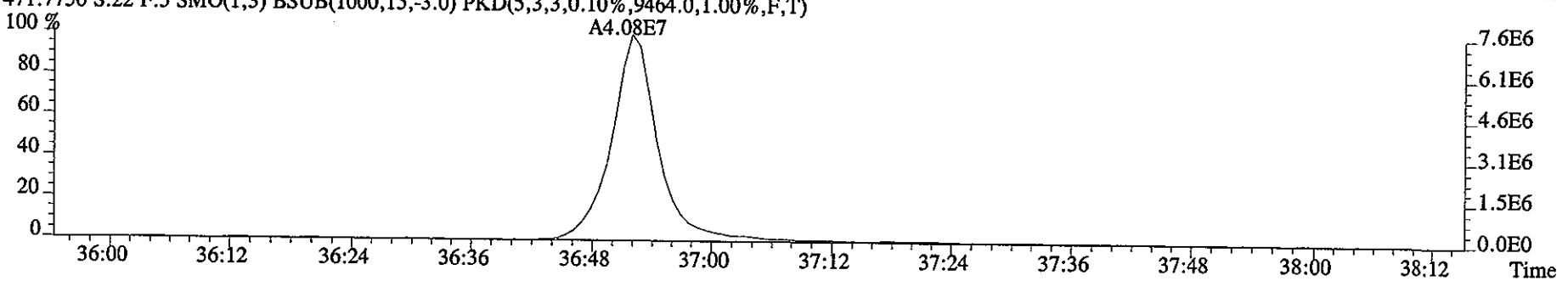
459.7348 S:22 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8308.0,1.00%,F,T)



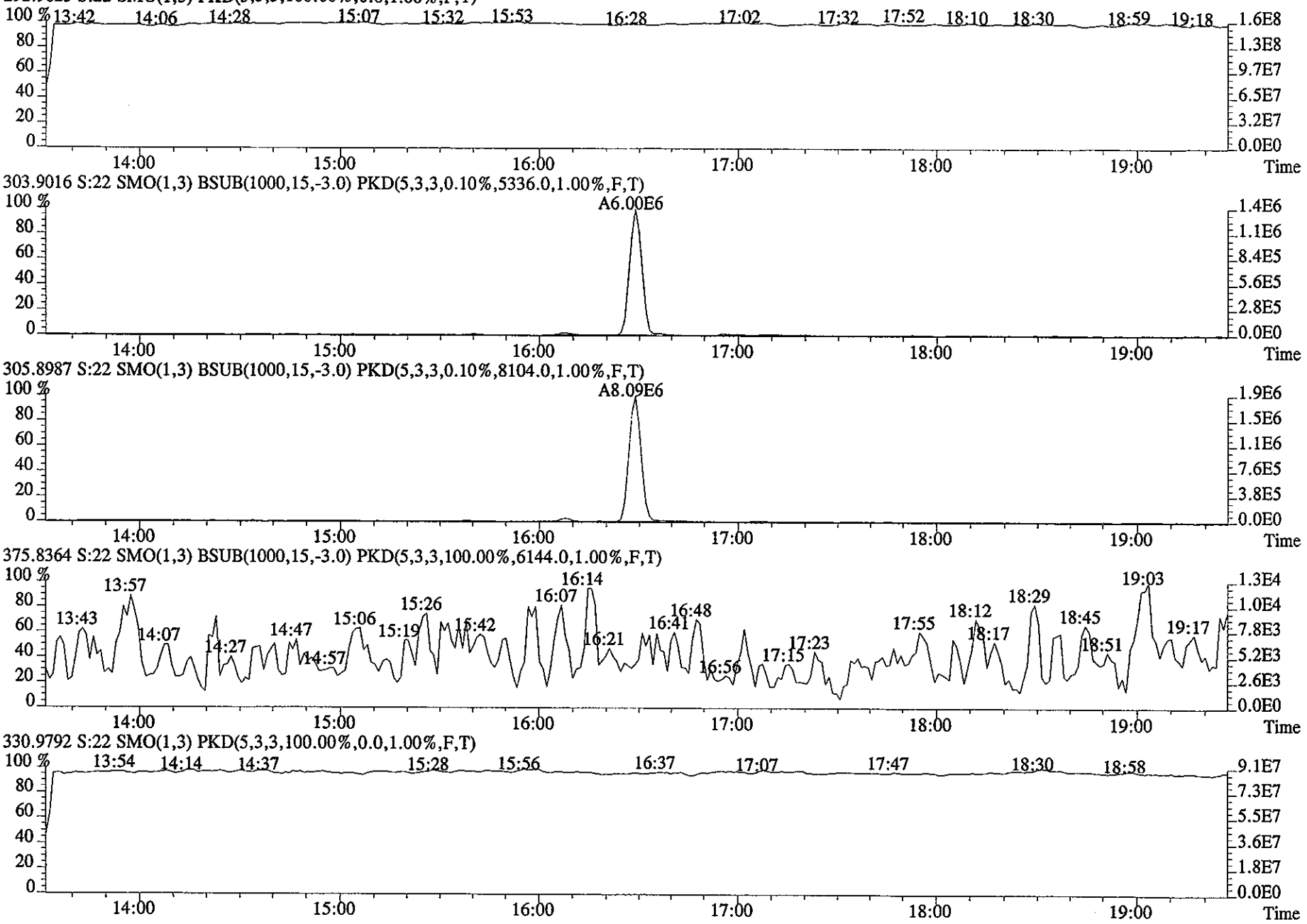
469.7779 S:22 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16604.0,1.00%,F,T)



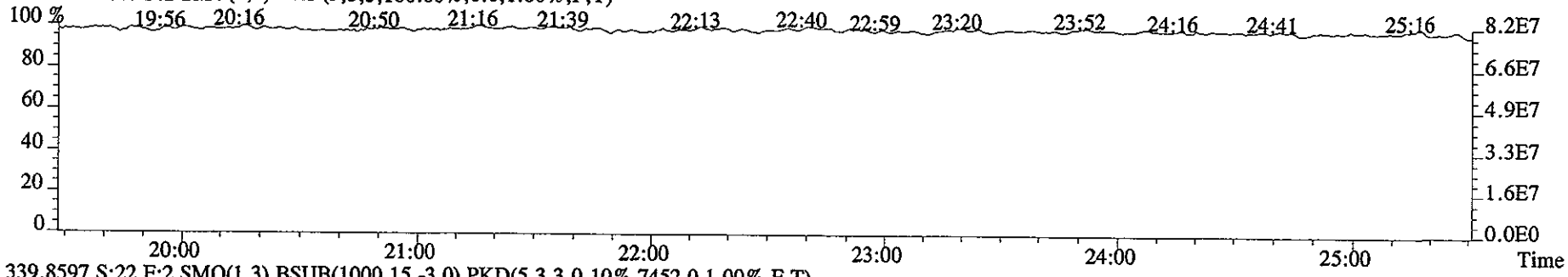
471.7750 S:22 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9464.0,1.00%,F,T)



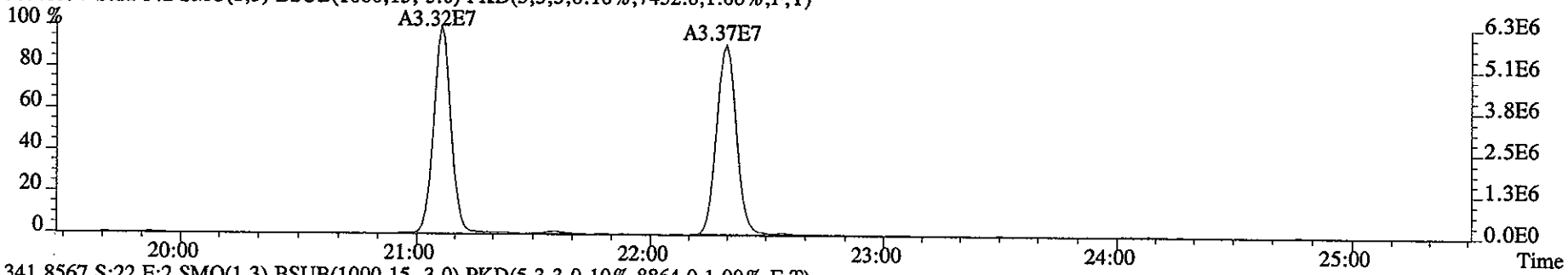
File:11JA061D5 #1-322 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN



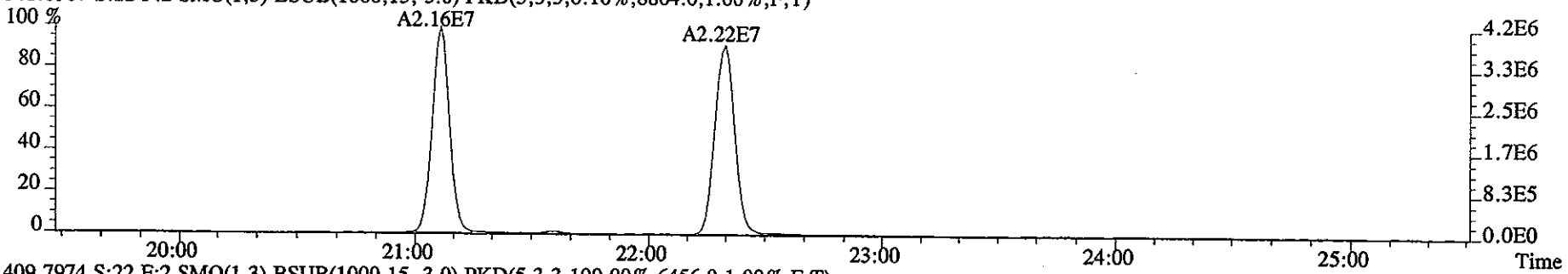
File:11JA061D5 #1-426 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
342.9792 S:22 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



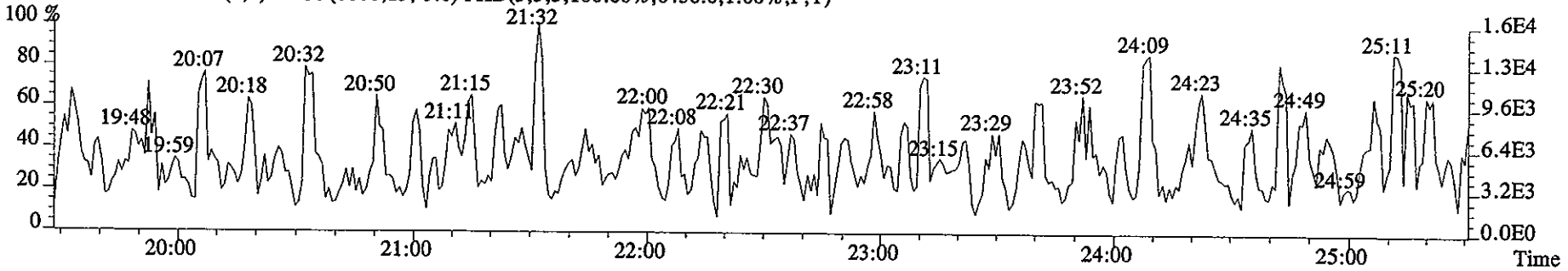
339.8597 S:22 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7452.0,1.00%,F,T)



341.8567 S:22 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8864.0,1.00%,F,T)

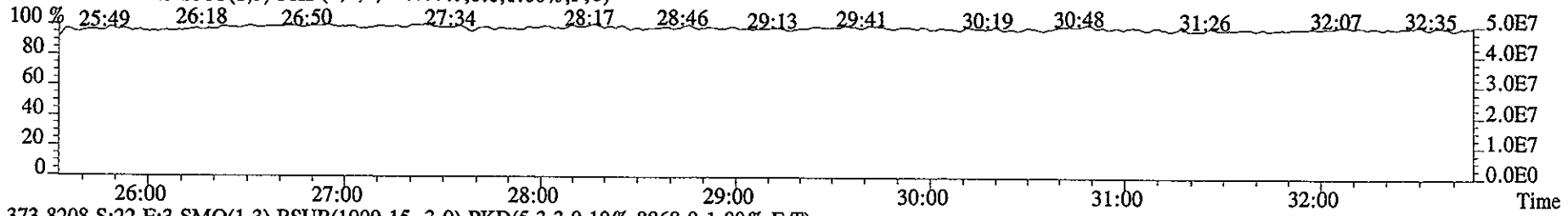


409.7974 S:22 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6456.0,1.00%,F,T)

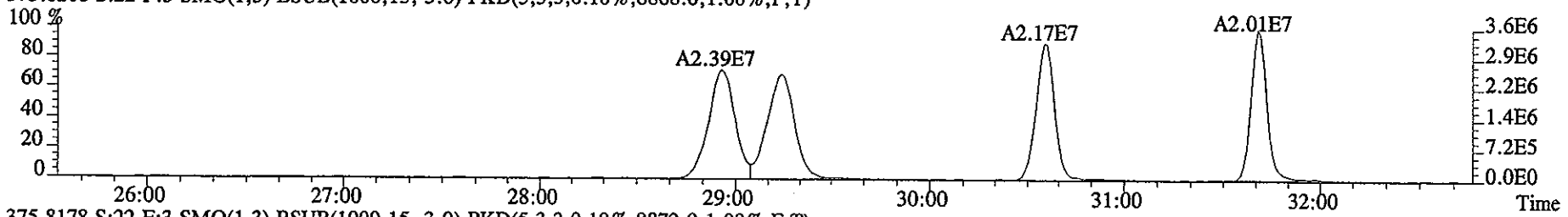


File:11JA061D5 #1-486 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN

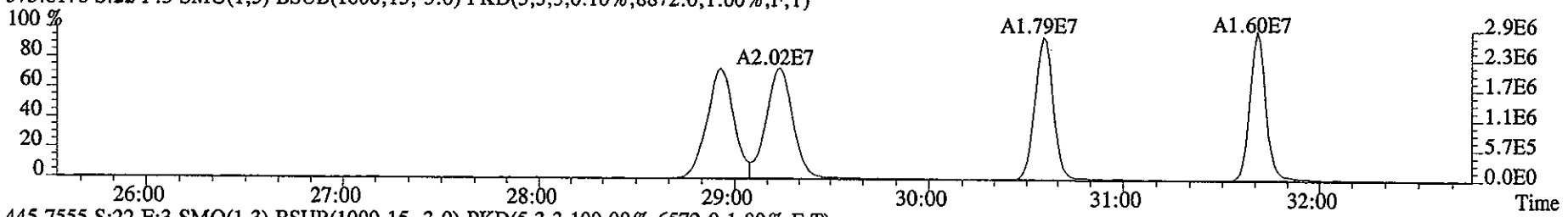
392.9760 S:22 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



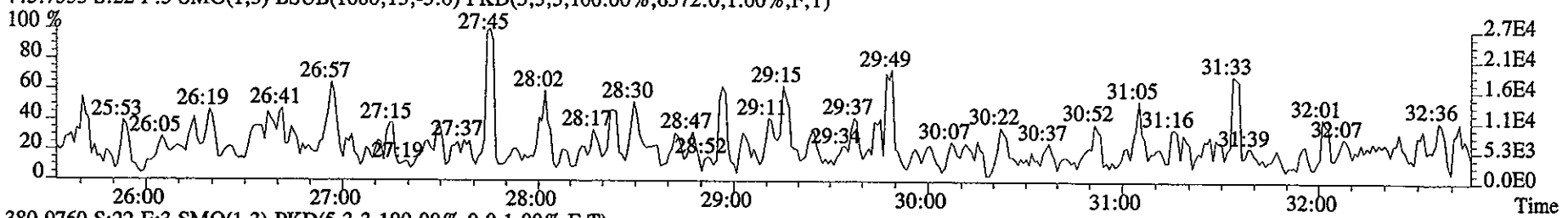
373.8208 S:22 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8868.0,1.00%,F,T)



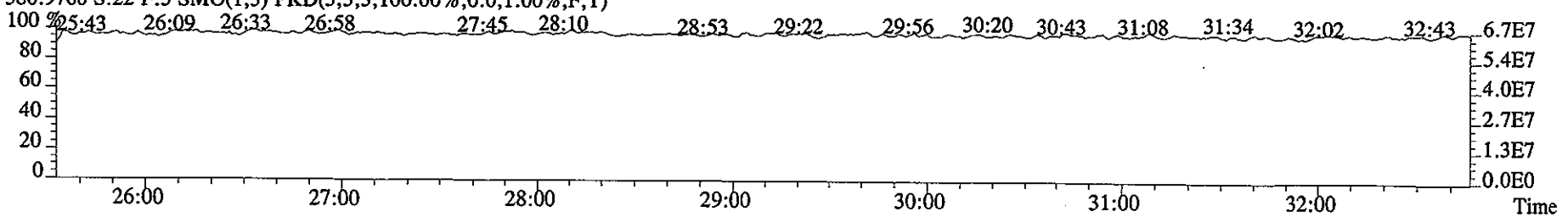
375.8178 S:22 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8872.0,1.00%,F,T)



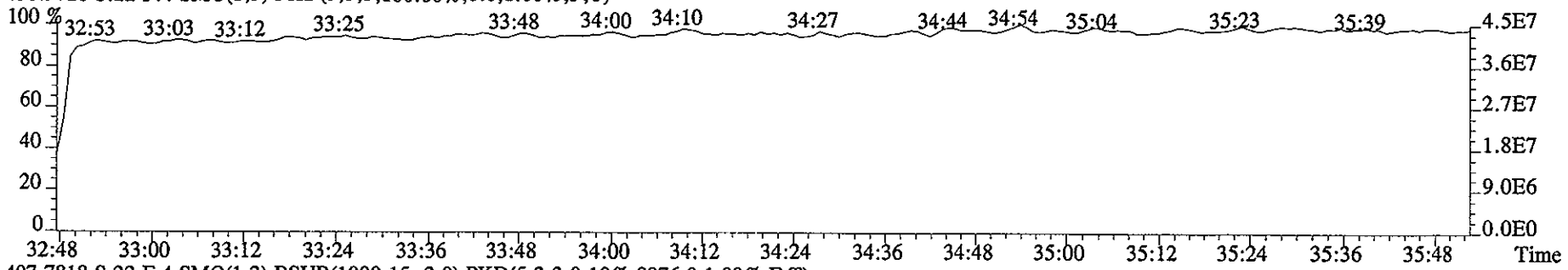
445.7555 S:22 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,6572.0,1.00%,F,T)



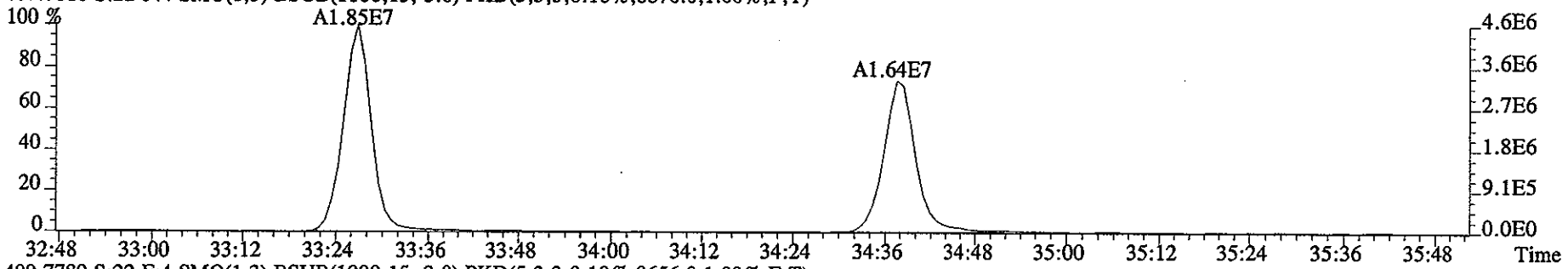
380.9760 S:22 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



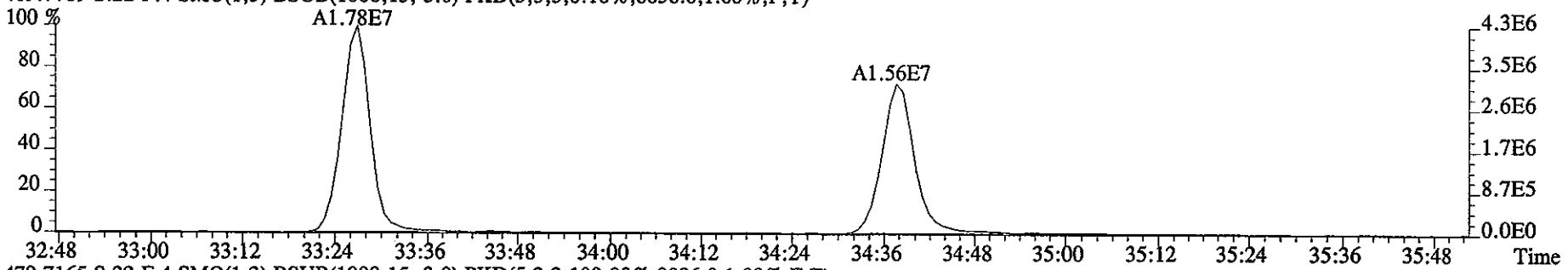
File:11JA061D5 #1-218 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
430.9728 S:22 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



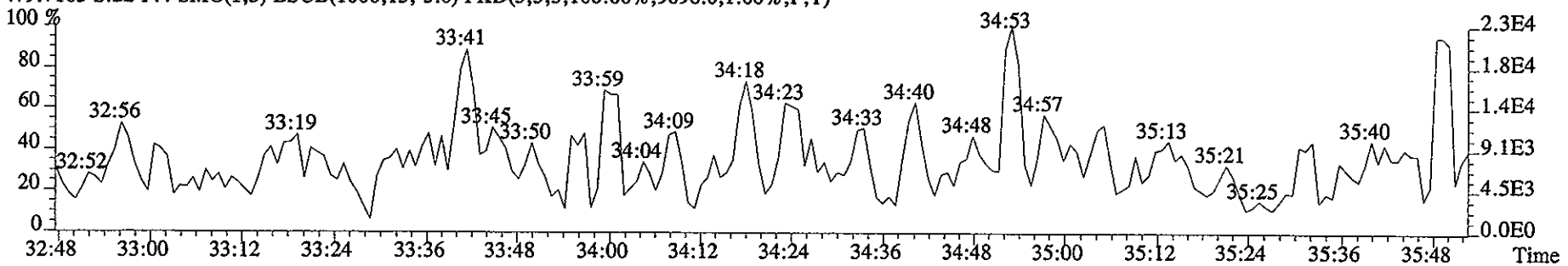
407.7818 S:22 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8876.0,1.00%,F,T)



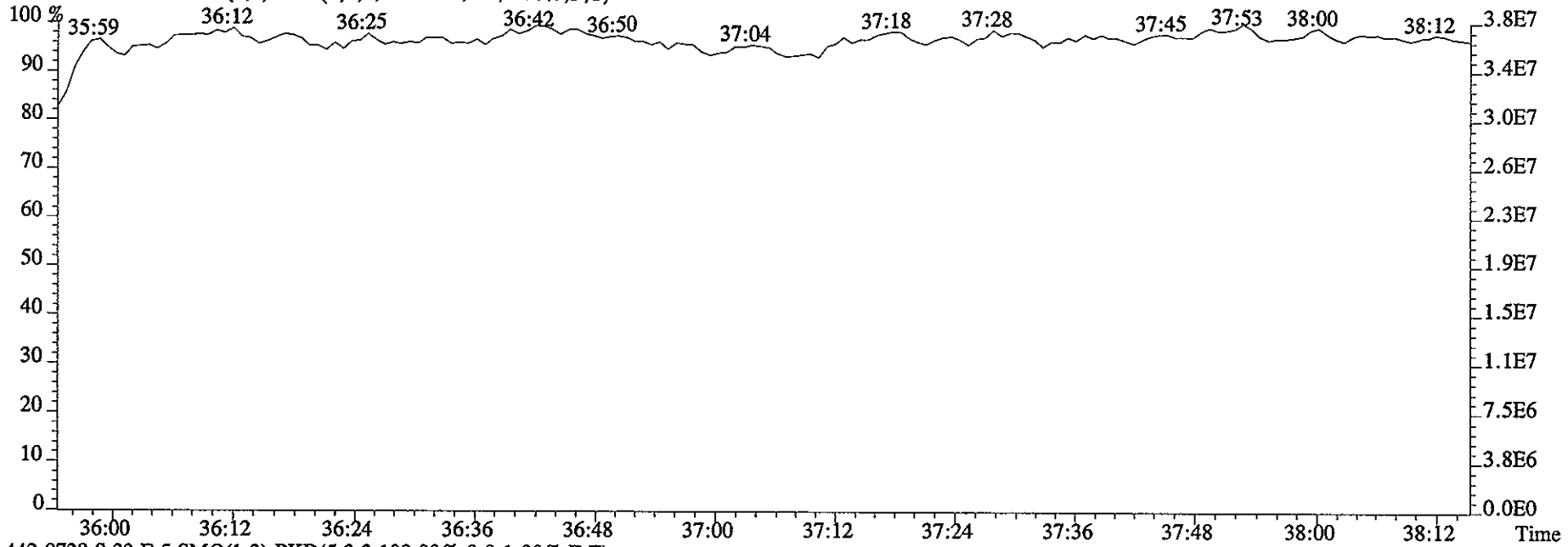
409.7789 S:22 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8656.0,1.00%,F,T)



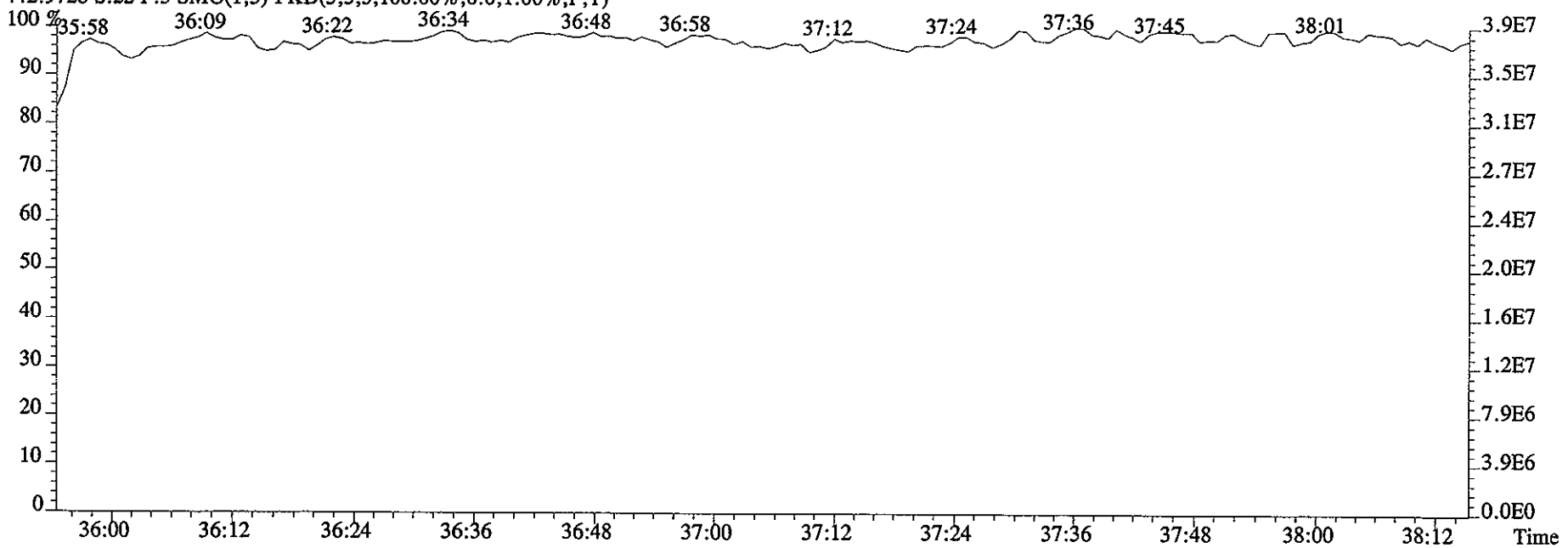
479.7165 S:22 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,9096.0,1.00%,F,T)



File:11JA061D5 #1-170 Acq:11-JAN-2006 23:18:51 GC EI+ Voltage SIR 70SE
Sample#22 Text:ST0111B :CS3 2565-41C Exp:DIOXIN
454.9728 S:22 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:22 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Initial Calibration

Includes (as applicable):

runlog

standard raw data

statistical summary

ms tune data

SEVERN TRENT SERVICES

Initial Calibration Checklist

High Resolution

ICAL ID (1613, 23, 0023A, TO9, 8290, TETRAS) 120905105

Method ID 1613B, 23, 0023A, TO9, 8290, TETRAS (1613B, 551)

Column ID DB5 **Instrument ID** 105

STD ID's ST1209(C,B,A,E,D) **STD Solution** 2565-41 (A→E)

Multiplier Setting 340V

Analyzed By M.G. **Date Analyzed** 12/9/05

Prepared By M.G. **Date Prepared** 12/12/05

Reviewed By SMA **Date Reviewed** 12/12/05

ANALYSIS OF ICAL	INITIATED	REVIEWED
Curve summary present?	✓	✓
Hardcopies of chromatograms for CS1-CS5 present?	✓	✓
Copy of log-file present?	✓	✓
Static resolution check present?	✓	✓
Target file RT's correct?	✓	✓
%RSD within method-specified limits?*	✓	✓
Signal-to-noise criteria met?*	✓	✓
Isotopic ratios within limits?	✓	✓
High point free of saturation?	✓	✓
Are chromatographic windows correct?	✓	✓
Manual reintegration's checked and hardcopies included?	NA	NA

COMMENTS:

*Method 8290: %RSD ≤ 20% for natives, ≤ 30% for labeled analytes; S/N ≥ 10
Method 1613A: %CV≤ 35% (See Table 7, Method 1613A); S/N ≥ 10
Method 23: %RSD ≤ values specified in Table 5, Method 23; S/N > 2.5
PAH: %RSD ≤ 30% for natives and labeled compounds; S/N ≥ 10
PCB: %RSD ≤ 20% for natives, ≤ 40% for labeled compounds; S/N ≥ 2.5
NCASI 551: %RSD ≤ 20% for natives and labeled compounds; ≥ 5
DBD/DBF: %RSD≤30% for natives, ≤40% for labeled analytes; S/N≥10

QA-384 DW 05/03

Run: 09DE051D5IC¶ Analyte: 8290 Cal: 82901209051D5

ST1209C :CS1 2565-41A ST1209B :CS2 2565-41B ST1209A :CS3 2565-41C
ST1209E :CS4 2565-41D ST1209D :CS5 2565-41E

Name	Mean	S. D.	%RSD	09DE051D5 S5 RRF1	09DE051D5 S4 RRF2	09DE051D5 S3 RRF3	09DE051D5 S7 RRF4	09DE051D5 S6 RRF5
13C-1,2,3,4-TCDD	-	-	- %	-	-	-	-	-
13C-2,3,7,8-TCDF	1.683	0.069	4.08 %	1.70	1.59	1.65	1.70	1.78
2,3,7,8-TCDF	1.163	0.061	5.21 %	1.25	1.14	1.08	1.16	1.19
Total TCDF	1.163	0.061	5.21 %	1.25	1.14	1.08	1.16	1.19
13C-2,3,7,8-TCDD	0.896	0.024	2.67 %	0.89	0.86	0.89	0.90	0.93
2,3,7,8-TCDD	1.322	0.124	9.40 %	1.53	1.22	1.25	1.27	1.34
Total TCDD	1.322	0.124	9.40 %	1.53	1.22	1.25	1.27	1.34
37Cl-2,3,7,8-TCDD	2.444	0.304	12.5 %	2.85	2.08	2.30	2.34	2.65
13C-1,2,3,7,8-PeCDF	1.545	0.096	6.25 %	1.48	1.48	1.49	1.56	1.71
1,2,3,7,8-PeCDF	1.004	0.042	4.18 %	0.97	0.96	1.00	1.04	1.06
2,3,4,7,8-PeCDF	1.049	0.040	3.79 %	1.03	1.00	1.04	1.08	1.10
Total F2 PeCDF	1.027	0.041	3.96 %	1.00	0.98	1.02	1.06	1.08
Total F1 PeCDF	1.027	0.041	3.96 %	1.00	0.98	1.02	1.06	1.08
13C-1,2,3,7,8-PeCDD	0.914	0.059	6.48 %	0.86	0.90	0.86	0.94	1.00
1,2,3,7,8-PeCDD	1.043	0.053	5.10 %	1.03	0.97	1.04	1.08	1.11
Total PeCDD	1.043	0.053	5.10 %	1.03	0.97	1.04	1.08	1.11
13C-1,2,3,7,8,9-HxCDD	-	-	- %	-	-	-	-	-
13C-1,2,3,4,7,8-HxCDF	1.383	0.030	2.19 %	1.38	1.37	1.42	1.39	1.34
1,2,3,4,7,8-HxCDF	1.111	0.044	3.97 %	1.14	1.05	1.07	1.14	1.15
1,2,3,6,7,8-HxCDF	1.140	0.060	5.24 %	1.15	1.07	1.09	1.18	1.21
2,3,4,6,7,8-HxCDF	1.064	0.044	4.11 %	1.06	1.01	1.04	1.10	1.12
1,2,3,7,8,9-HxCDF	1.018	0.052	5.07 %	1.06	0.96	0.98	1.02	1.07
Total HxCDF	1.083	0.048	4.45 %	1.10	1.02	1.04	1.11	1.14
13C-1,2,3,6,7,8-HxCDD	0.958	0.009	0.978¶	0.96	0.95	0.95	0.97	0.95
1,2,3,4,7,8-HxCDD	0.954	0.065	6.76 %	0.88	0.89	0.99	1.00	1.01

1,2,3,6,7,8-HxCDD	1.001	0.041	4.06 %	0.97	0.95	1.01	1.02	1.05
1,2,3,7,8,9-HxCDD	1.044	0.047	4.53 %	1.04	0.97	1.06	1.06	1.09
Total HxCDD	1.000	0.049	4.87 %	0.96	0.93	1.02	1.03	1.05
3C-1,2,3,4,6,7,8-HpCDF	1.129	0.027	2.35 %	1.14	1.13	1.17	1.11	1.10
1,2,3,4,6,7,8-HpCDF	1.311	0.041	3.09 %	1.29	1.25	1.32	1.33	1.36
1,2,3,4,7,8,9-HpCDF	1.191	0.085	7.13 %	1.10	1.11	1.20	1.25	1.29
Total HpCDF	1.251	0.061	4.92 %	1.20	1.18	1.26	1.29	1.33
3C-1,2,3,4,6,7,8-HpCDD	0.998	0.006	0.597 %	0.99	0.99	1.00	0.99	1.01
1,2,3,4,6,7,8-HpCDD	0.948	0.044	4.69 %	0.90	0.90	0.98	0.97	0.99
Total HpCDD	0.948	0.044	4.69 %	0.90	0.90	0.98	0.97	0.99
13C-OCDD	0.809	0.045	5.59 %	0.81	0.74	0.82	0.81	0.87
OCDF	1.319	0.064	4.87 %	1.29	1.23	1.32	1.37	1.38
OCDD	1.005	0.034	3.40 %	1.03	0.95	0.99	1.03	1.03

Run #1 Filename 09DE051D5 S: 5 I: 1
Acquired: 9-DEC-05 11:41:21 Processed: 9-DEC-05 18:10:33
Run: 09DE051D5IC¶ Analyte: 8290 Cal: 82901209051D5
Comments:

Sample text: ST1209C :CS1 2565-41A

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	93682600	0.79	y	17:26	-	100.00	n
13C-2,3,7,8-TCDF	158807400	0.82	y	16:56	1.70	100.00	n
2,3,7,8-TCDF	989453	0.72	y	16:57	1.25	0.50	n
Total TCDF	-	-	n	-	1.25	0.50	n
13C-2,3,7,8-TCDD	83444300	0.80	y	17:37	0.89	100.00	n
2,3,7,8-TCDD	638008	0.68	y	17:38	1.53	0.50	n
Total TCDD	-	-	n	-	1.53	0.50	n
37Cl-2,3,7,8-TCDD	1334704	1.00	y	17:38	2.85	0.50	n
13C-1,2,3,7,8-PeCDF	139047200	1.63	y	21:48	1.48	100.00	n
1,2,3,7,8-PeCDF	3387570	1.65	y	21:49	0.97	2.50	n
2,3,4,7,8-PeCDF	3587020	1.52	y	23:06	1.03	2.50	n
Total F2 PeCDF	-	-	n	-	1.00	5.00	n
Total F1 PeCDF	-	-	n	-	1.00	5.00	n
13C-1,2,3,7,8-PeCDD	80862400	1.65	y	23:47	0.86	100.00	n
1,2,3,7,8-PeCDD	2075419	1.67	y	23:49	1.03	2.50	n
Total PeCDD	-	-	n	-	1.03	2.50	n
13C-1,2,3,7,8,9-HxCDD	81008200	1.28	y	31:56	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	112043600	0.53	y	29:59	1.38	100.00	n
1,2,3,4,7,8-HxCDF	3196940	1.33	y	30:00	1.14	2.50	n
1,2,3,6,7,8-HxCDF	3225520	1.36	y	30:15	1.15	2.50	n
2,3,4,6,7,8-HxCDF	2968830	1.27	y	31:14	1.06	2.50	n
1,2,3,7,8,9-HxCDF	2977740	1.29	y	32:10	1.06	2.50	n
Total HxCDF	-	-	n	-	1.10	10.00	n
13C-1,2,3,6,7,8-HxCDD	78012400	1.30	y	31:33	0.96	100.00	n
1,2,3,4,7,8-HxCDD	1717080	1.21	y	31:28	0.88	2.50	n
1,2,3,6,7,8-HxCDD	1896807	1.17	y	31:34	0.97	2.50	n
1,2,3,7,8,9-HxCDD	2030360	1.37	y	31:57	1.04	2.50	n
Total HxCDD	-	-	n	-	0.96	7.50	n
13C-1,2,3,4,6,7,8-HpCDF	92384200	0.45	y	33:48	1.14	100.00	n
1,2,3,4,6,7,8-HpCDF	2985380	0.92	y	33:49	1.29	2.50	n
1,2,3,4,7,8,9-HpCDF	2536500	1.03	y	35:02	1.10	2.50	n
Total HpCDF	-	-	n	-	1.20	5.00	n
13C-1,2,3,4,6,7,8-HpCDD	80543400	1.08	y	34:43	0.99	100.00	n
1,2,3,4,6,7,8-HpCDD	1812920	1.10	y	34:44	0.90	2.50	n
Total HpCDD	-	-	n	-	0.90	2.50	n
13C-OCDD	130429600	0.90	y	37:22	0.81	200.00	n
OCDF	4209020	0.92	y	37:27	1.29	5.00	n

OCDD	3345810	0.89	y	37:23	1.03	5.00	n

Run #2 Filename 09DE051D5 S: 4 I: 1
Acquired: 9-DEC-05 10:59:40 Processed: 9-DEC-05 18:10:34
Run: 09DE051D5IC┐ Analyte: 8290 Cal: 82901209051D5
Comments:

Sample text: ST1209B :CS2 2565-41B

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	124233200	0.83	y	17:26	-	100.00	n
13C-2,3,7,8-TCDF	197698200	0.84	y	16:55	1.59	100.00	n
2,3,7,8-TCDF	4503050	0.82	y	16:57	1.14	2.00	n
Total TCDF	-	-	n	-	1.14	2.00	n
13C-2,3,7,8-TCDD	107358900	0.81	y	17:37	0.86	100.00	n
2,3,7,8-TCDD	2621470	0.78	y	17:39	1.22	2.00	n
Total TCDD	-	-	n	-	1.22	2.00	n
37Cl-2,3,7,8-TCDD	5161440	1.00	y	17:39	2.08	2.00	n
13C-1,2,3,7,8-PeCDF	184260700	1.58	y	21:48	1.48	100.00	n
1,2,3,7,8-PeCDF	17600040	1.61	y	21:49	0.96	10.00	n
2,3,4,7,8-PeCDF	18352800	1.62	y	23:06	1.00	10.00	n
Total F2 PeCDF	-	-	n	-	0.98	20.00	n
Total F1 PeCDF	-	-	n	-	0.98	20.00	n
13C-1,2,3,7,8-PeCDD	111972000	1.63	y	23:47	0.90	100.00	n
1,2,3,7,8-PeCDD	10817460	1.66	y	23:49	0.97	10.00	n
Total PeCDD	-	-	n	-	0.97	10.00	n
13C-1,2,3,7,8,9-HxCDD	108404000	1.29	y	31:57	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	148722900	0.53	y	29:58	1.37	100.00	n
1,2,3,4,7,8-HxCDF	15677500	1.33	y	30:00	1.05	10.00	n
1,2,3,6,7,8-HxCDF	15842670	1.23	y	30:14	1.07	10.00	n
2,3,4,6,7,8-HxCDF	15005410	1.32	y	31:14	1.01	10.00	n
1,2,3,7,8,9-HxCDF	14239890	1.27	y	32:10	0.96	10.00	n
Total HxCDF	-	-	n	-	1.02	40.00	n
13C-1,2,3,6,7,8-HxCDD	103215700	1.30	y	31:34	0.95	100.00	n
1,2,3,4,7,8-HxCDD	9157150	1.25	y	31:27	0.89	10.00	n
1,2,3,6,7,8-HxCDD	9801750	1.23	y	31:34	0.95	10.00	n
1,2,3,7,8,9-HxCDD	9960570	1.19	y	31:58	0.97	10.00	n
Total HxCDD	-	-	n	-	0.93	30.00	n
13C-1,2,3,4,6,7,8-HpCDF	122130000	0.45	y	33:48	1.13	100.00	n
1,2,3,4,6,7,8-HpCDF	15310290	1.04	y	33:49	1.25	10.00	n
1,2,3,4,7,8,9-HpCDF	13599140	1.05	y	35:03	1.11	10.00	n
Total HpCDF	-	-	n	-	1.18	20.00	n
13C-1,2,3,4,6,7,8-HpCDD	107792700	1.08	y	34:42	0.99	100.00	n
1,2,3,4,6,7,8-HpCDD	9704500	1.01	y	34:43	0.90	10.00	n
Total HpCDD	-	-	n	-	0.90	10.00	n
13C-OCDD	160629700	0.92	y	37:23	0.74	200.00	n
OCDF	19684580	0.90	y	37:28	1.23	20.00	n
OCDD	15274490	0.87	y	37:24	0.95	20.00	n

Run #3 Filename 09DE051D5 S: 3 I: 1
Acquired: 9-DEC-05 10:17:59 Processed: 9-DEC-05 18:10:35
Run: 09DE051D5IC┐ Analyte: 8290 Cal: 82901209051D5
Comments:
Sample text: ST1209A :CS3 2565-41C

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	109003100	0.83	y	17:27	-	100.00	n
13C-2,3,7,8-TCDF	180083500	0.84	y	16:56	1.65	100.00	n
2,3,7,8-TCDF	19492510	0.78	y	16:57	1.08	10.00	n
Total TCDF	-	-	n	-	1.08	10.00	n
13C-2,3,7,8-TCDD	97331100	0.81	y	17:36	0.89	100.00	n
2,3,7,8-TCDD	12175800	0.81	y	17:39	1.25	10.00	n
Total TCDD	-	-	n	-	1.25	10.00	n
37Cl-2,3,7,8-TCDD	25092800	1.00	y	17:39	2.30	10.00	n
13C-1,2,3,7,8-PeCDF	162491000	1.64	y	21:48	1.49	100.00	n
1,2,3,7,8-PeCDF	81243100	1.61	y	21:49	1.00	50.00	n
2,3,4,7,8-PeCDF	84506200	1.63	y	23:06	1.04	50.00	n
Total F2 PeCDF	-	-	n	-	1.02	100.00	n
Total F1 PeCDF	-	-	n	-	1.02	100.00	n
13C-1,2,3,7,8-PeCDD	94075700	1.66	y	23:47	0.86	100.00	n
1,2,3,7,8-PeCDD	48958700	1.66	y	23:48	1.04	50.00	n
Total PeCDD	-	-	n	-	1.04	50.00	n
13C-1,2,3,7,8,9-HxCDD	97743700	1.31	y	31:56	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	139260800	0.53	y	29:58	1.42	100.00	n
1,2,3,4,7,8-HxCDF	74608100	1.27	y	30:00	1.07	50.00	n
1,2,3,6,7,8-HxCDF	76165300	1.28	y	30:14	1.09	50.00	n
2,3,4,6,7,8-HxCDF	72226000	1.27	y	31:13	1.04	50.00	n
1,2,3,7,8,9-HxCDF	67971800	1.28	y	32:09	0.98	50.00	n
Total HxCDF	-	-	n	-	1.04	200.00	n
13C-1,2,3,6,7,8-HxCDD	93094000	1.29	y	31:34	0.95	100.00	n
1,2,3,4,7,8-HxCDD	46035500	1.29	y	31:27	0.99	50.00	n
1,2,3,6,7,8-HxCDD	47233500	1.27	y	31:35	1.01	50.00	n
1,2,3,7,8,9-HxCDD	49472700	1.29	y	31:57	1.06	50.00	n
Total HxCDD	-	-	n	-	1.02	150.00	n
13C-1,2,3,4,6,7,8-HpCDF	114184000	0.44	y	33:48	1.17	100.00	n
1,2,3,4,6,7,8-HpCDF	75133500	1.06	y	33:49	1.32	50.00	n
1,2,3,4,7,8,9-HpCDF	68318200	1.06	y	35:02	1.20	50.00	n
Total HpCDF	-	-	n	-	1.26	100.00	n
13C-1,2,3,4,6,7,8-HpCDD	97669700	1.05	y	34:42	1.00	100.00	n
1,2,3,4,6,7,8-HpCDD	47819200	1.05	y	34:43	0.98	50.00	n
Total HpCDD	-	-	n	-	0.98	50.00	n
13C-OCDD	160460400	0.91	y	37:22	0.82	200.00	n
OCDF	106023800	0.90	y	37:27	1.32	100.00	n
OCDD	79492900	0.90	y	37:23	0.99	100.00	n

Run #4 Filename 09DE051D5 S: 7 I: 1
Acquired: 9-DEC-05 13:04:43 Processed: 9-DEC-05 18:10:37
Run: 09DE051D5IC┐ Analyte: 8290 Cal: 82901209051D5
Comments:
Sample text: ST1209E :CS4 2565-41D

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	100435400	0.83	y	17:26	-	100.00	n
13C-2,3,7,8-TCDF	170420600	0.83	y	16:56	1.70	100.00	n
2,3,7,8-TCDF	78925000	0.82	y	16:57	1.16	40.00	n
Total TCDF	-	-	n	-	1.16	40.00	n
13C-2,3,7,8-TCDD	90608800	0.82	y	17:37	0.90	100.00	n
2,3,7,8-TCDD	45883200	0.77	y	17:38	1.27	40.00	n
Total TCDD	-	-	n	-	1.27	40.00	n
37Cl-2,3,7,8-TCDD	94198800	1.00	y	17:38	2.34	40.00	n
13C-1,2,3,7,8-PeCDF	156517500	1.61	y	21:48	1.56	100.00	n
1,2,3,7,8-PeCDF	324037000	1.60	y	21:49	1.04	200.00	n
2,3,4,7,8-PeCDF	338046000	1.59	y	23:06	1.08	200.00	n
Total F2 PeCDF	-	-	n	-	1.06	400.00	n
Total F1 PeCDF	-	-	n	-	1.06	400.00	n
13C-1,2,3,7,8-PeCDD	94233900	1.60	y	23:47	0.94	100.00	n
1,2,3,7,8-PeCDD	203143400	1.62	y	23:48	1.08	200.00	n
Total PeCDD	-	-	n	-	1.08	200.00	n
13C-1,2,3,7,8,9-HxCDD	93552700	1.27	y	31:57	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	130371800	0.54	y	29:58	1.39	100.00	n
1,2,3,4,7,8-HxCDF	296988000	1.26	y	30:00	1.14	200.00	n
1,2,3,6,7,8-HxCDF	307674000	1.25	y	30:14	1.18	200.00	n
2,3,4,6,7,8-HxCDF	286093000	1.28	y	31:14	1.10	200.00	n
1,2,3,7,8,9-HxCDF	266055000	1.26	y	32:10	1.02	200.00	n
Total HxCDF	-	-	n	-	1.11	800.00	n
13C-1,2,3,6,7,8-HxCDD	90888900	1.31	y	31:33	0.97	100.00	n
1,2,3,4,7,8-HxCDD	181618400	1.25	y	31:27	1.00	200.00	n
1,2,3,6,7,8-HxCDD	184895400	1.26	y	31:34	1.02	200.00	n
1,2,3,7,8,9-HxCDD	192930800	1.26	y	31:57	1.06	200.00	n
Total HxCDD	-	-	n	-	1.03	600.00	n
13C-1,2,3,4,6,7,8-HpCDF	104139000	0.45	y	33:48	1.11	100.00	n
1,2,3,4,6,7,8-HpCDF	276884000	1.05	y	33:49	1.33	200.00	n
1,2,3,4,7,8,9-HpCDF	260244000	1.05	y	35:02	1.25	200.00	n
Total HpCDF	-	-	n	-	1.29	400.00	n
13C-1,2,3,4,6,7,8-HpCDD	93027100	1.09	y	34:42	0.99	100.00	n
1,2,3,4,6,7,8-HpCDD	180715800	1.04	y	34:43	0.97	200.00	n
Total HpCDD	-	-	n	-	0.97	200.00	n
13C-OCDD	152110800	0.92	y	37:22	0.81	200.00	n
OCDF	417538000	0.91	y	37:27	1.37	400.00	n
OCDD	312072000	0.89	y	37:23	1.03	400.00	n

Run #5 Filename 09DE051D5 S: 6 I: 1
Acquired: 9-DEC-05 12:23:02 Processed: 9-DEC-05 18:10:39
Run: 09DE051D5IC¶ Analyte: 8290 Cal: 82901209051D5
Comments:
Sample text: ST1209D :CS5 2565-41E

Name	Resp	RA		RT	RRF		Mod?
13C-1,2,3,4-TCDD	95821500	0.81	y	17:27	-	100.00	n
13C-2,3,7,8-TCDF	170427500	0.84	y	16:56	1.78	100.00	n
2,3,7,8-TCDF	405215000	0.80	y	16:57	1.19	200.00	n
Total TCDF	-	-	n	-	1.19	200.00	n
13C-2,3,7,8-TCDD	89177000	0.79	y	17:38	0.93	100.00	n
2,3,7,8-TCDD	239845000	0.76	y	17:39	1.34	200.00	n
Total TCDD	-	-	n	-	1.34	200.00	n
37Cl-2,3,7,8-TCDD	507560000	1.00	y	17:39	2.65	200.00	n
13C-1,2,3,7,8-PeCDF	163671700	1.60	y	21:48	1.71	100.00	n
1,2,3,7,8-PeCDF	1729901000	1.59	y	21:50	1.06	1000.00	n
2,3,4,7,8-PeCDF	1793231000	1.59	y	23:06	1.10	1000.00	n
Total F2 PeCDF	-	-	n	-	1.08	2000.00	n
Total F1 PeCDF	-	-	n	-	1.08	2000.00	n
13C-1,2,3,7,8-PeCDD	96200400	1.59	y	23:46	1.00	100.00	n
1,2,3,7,8-PeCDD	1063622000	1.59	y	23:48	1.11	1000.00	n
Total PeCDD	-	-	n	-	1.11	1000.00	n
13C-1,2,3,7,8,9-HxCDD	100602000	1.28	y	31:56	-	100.00	n
13C-1,2,3,4,7,8-HxCDF	135011300	0.52	y	29:58	1.34	100.00	n
1,2,3,4,7,8-HxCDF	1548364000	1.28	y	29:59	1.15	1000.00	n
1,2,3,6,7,8-HxCDF	1632990000	1.25	y	30:14	1.21	1000.00	n
2,3,4,6,7,8-HxCDF	1507967000	1.27	y	31:13	1.12	1000.00	n
1,2,3,7,8,9-HxCDF	1451204000	1.27	y	32:10	1.07	1000.00	n
Total HxCDF	-	-	n	-	1.14	4000.00	n
13C-1,2,3,6,7,8-HxCDD	95487200	1.31	y	31:33	0.95	100.00	n
1,2,3,4,7,8-HxCDD	967528000	1.26	y	31:27	1.01	1000.00	n
1,2,3,6,7,8-HxCDD	1005688000	1.28	y	31:34	1.05	1000.00	n
1,2,3,7,8,9-HxCDD	1039949000	1.26	y	31:57	1.09	1000.00	n
Total HxCDD	-	-	n	-	1.05	3000.00	n
13C-1,2,3,4,6,7,8-HpCDF	110568800	0.45	y	33:48	1.10	100.00	n
1,2,3,4,6,7,8-HpCDF	1505728000	1.05	y	33:49	1.36	1000.00	n
1,2,3,4,7,8,9-HpCDF	1431653000	1.05	y	35:01	1.29	1000.00	n
Total HpCDF	-	-	n	-	1.33	2000.00	n
13C-1,2,3,4,6,7,8-HpCDD	101408400	1.11	y	34:43	1.01	100.00	n
1,2,3,4,6,7,8-HpCDD	1005043000	1.05	y	34:43	0.99	1000.00	n
Total HpCDD	-	-	n	-	0.99	1000.00	n
13C-OCDD	174460000	0.92	y	37:21	0.87	200.00	n
OCDF	2412980000	0.91	y	37:26	1.38	2000.00	n
OCDD	1798299000	0.90	y	37:21	1.03	2000.00	n

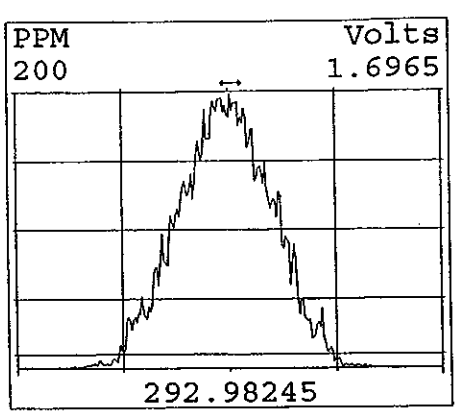
Data file	Smp	Work Order	Sample ID	FV-uL	Method/Matrix	Box	Size	U
09DE051D5	1	ST1209	CS3 2565-41C				1.000	
09DE051D5	2	CP1209	DB-5 CPSM 2565-47				1.000	
09DE051D5	3	ST1209A	CS3 2565-41C				1.000	
09DE051D5	4	ST1209B	CS2 2565-41B				1.000	
09DE051D5	5	ST1209C	CS1 2565-41A				1.000	
09DE051D5	6	ST1209D	CS5 2565-41E				1.000	
09DE051D5	7	ST1209E	CS4 2565-41D				1.000	
09DE051D5	8	ST1209F	CS3 2565-41C				1.000	
09DE051D5	9	SB1209	Solvent Blank C-14				1.000	
09DE051D5	10	HPQWP-2-AC	G5K090359-1RX	20	8290/SOLID	13	10.000	g
09DE051D5	11	HPQWP-1-AD	G5K090359-1S	20	8290/SOLID		10.000	g
09DE051D5	12	HPQWP-1-AE	G5K090359-1D	20	8290/SOLID		10.000	g
09DE051D5	13	HPQWX-2-AC	G5K090359-2RX	20	8290/SOLID		10.000	g
09DE051D5	14	HPQW9-2-AC	G5K090359-3RX	20	8290/SOLID		10.000	g
09DE051D5	15	ST1209G	CS3 2565-41C				1.000	
09DE051D5	16						1.000	
09DE051D5	17						1.000	
09DE051D5	18						1.000	
09DE051D5	19						1.000	
09DE051D5	20						1.000	
09DE051D5	21						1.000	
09DE051D5	22						1.000	
DE051D5	23		MG 12/09/05				1.000	
DE051D5	24						1.000	

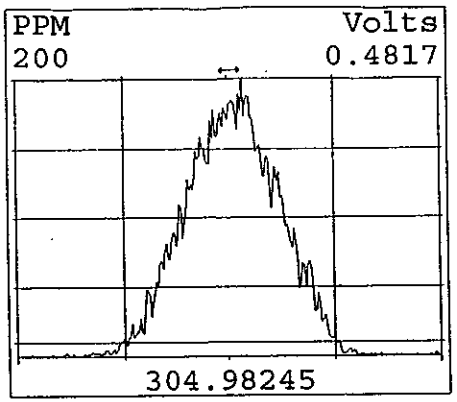
2nd Source Run Log

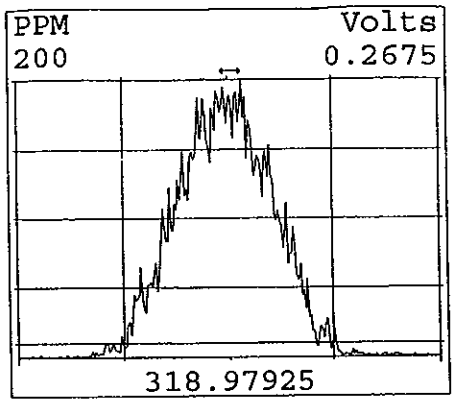
Data file	Smp	Work Order	Sample ID	FV-uL	Method/Matrix	Box	Size	U
12DE051D5	1	ST1212	CS3 2565-41C				1.000	
12DE051D5	2	ST1212A	CS3 2565-41C				1.000	
12DE051D5	3	2nd Source	091305IS-2QC — 2nd Source	20	8290/1613B		1.000	SAMP
12DE051D5	4	CP1212	DB-5 CPSM 2565-47				1.000	
12DE051D5	5	SB1212	Solvent Blank C-14				1.000	
12DE051D5	6	IS QC	120605IS-1QC	20	8290/1613B	QC40	1.000	SAMP
12DE051D5	7	HRMXR-1-AC	G5L080000-193C	20	8290/1613B	15	10.000	g
12DE051D5	8	HRMXR-1-AA	G5L080000-193B	20	8290/1613B		10.000	g
12DE051D5	9	HQXJM-1-AC	G5K250125-16	20	8290/SOLID		10.000	g
12DE051D5	10	HQXJQ-1-AC	G5K250125-18	20	8290/SOLID		10.000	g
12DE051D5	11	HQXJP-1-AC	G5K250125-17	20	8290/SOLID		10.000	g
12DE051D5	12	HQXJX-1-AC	G5K250125-19	20	8290/SOLID		10.000	g
12DE051D5	13	HQXJ2-1-AC	G5K250125-20	20	8290/SOLID		10.000	g
12DE051D5	14	HQXJ3-1-AC	G5K250125-21	20	8290/SOLID		10.000	g
12DE051D5	15	HQX6C-1-AC	G5K250170-1	20	8290/SOLID		10.000	g
12DE051D5	16	HRFR8-1-AA	G5L020313-21	20	8290/SOLID		10.000	g
12DE051D5	17	HRFTA-1-AC	G5L020313-22	20	8290/SOLID		10.000	g
12DE051D5	18	HRFTC-1-AC	G5L020313-23	20	8290/SOLID		10.000	g
12DE051D5	19	SB1212A	Solvent Blank C-14				1.000	
12DE051D5	20	Native QC	121205Nat-1QC	20	8290/1613B	QC41	1.000	SAMP
12DE051D5	21	CP1212A	DB-5 CPSM 2565-47				1.000	
12DE051D5	22	ST1212B	CS3 2565-41C				1.000	
12DE051D5	23	SB1212B	Solvent Blank C-14				1.000	
12DE051D5	24	HQX7T-1-AC	G5K250174-1	20	8290/SOLID	15	10.000	g
12DE051D5	25	HQX7V-1-AC	G5K250174-2	20	8290/SOLID		10.000	g
12DE051D5	26	HRG91-1-AA	G5L060258-1	20	8290/SOLID		10.000	g
12DE051D5	27	HRG99-1-AA	G5L060258-2	20	8290/SOLID		10.000	g
12DE051D5	28	HRHAA-1-AA	G5L060258-3	20	8290/SOLID		10.000	g
12DE051D5	29	HRHAA-1-AD	G5L060258-3S	20	8290/SOLID		10.000	g
12DE051D5	30	HRHAA-1-AE	G5L060258-3D	20	8290/SOLID		10.000	g
12DE051D5	31	HRHAE-1-AA	G5L060258-4	20	8290/SOLID		10.000	g
12DE051D5	32	HRHAF-1-AA	G5L060258-5	20	8290/SOLID		10.000	g
12DE051D5	33	HRHAG-1-AA	G5L060258-6	20	8290/SOLID		10.000	g
12DE051D5	34	HRHAH-1-AA	G5L060258-7	20	8290/SOLID		10.000	g
12DE051D5	35	HRHAK-1-AA	G5L060258-8	20	8290/SOLID		10.000	g
12DE051D5	36	HRHAN-1-AA	G5L060258-9	20	8290/SOLID		10.000	g
12DE051D5	37	HRHAN-1-AD	G5L060258-9S	20	8290/SOLID		10.000	g
12DE051D5	38	HRHAN-1-AE	G5L060258-9D	20	8290/SOLID		10.000	g
12DE051D5	39	SB1212C	Solvent Blank C-14				1.000	
12DE051D5	40	CP1212B	DB-5 CPSM 2565-47				1.000	
12DE051D5	41	ST1212C	CS3 2565-41C				1.000	
12DE051D5	42	SB1212D	Solvent Blank C-14				1.000	
12DE051D5	43	HRRL7-1-AA	G5L090000-273B	20	8290/SOLID	15	10.000	g
12DE051D5	44	HRRL7-1-AC	G5L090000-273C	20	8290/SOLID		10.000	g
12DE051D5	45	HRHAQ-1-AA	G5L060258-10	20	8290/SOLID		10.000	g
12DE051D5	46	HRHAR-1-AA	G5L060258-11	20	8290/SOLID		10.000	g
12DE051D5	47	HRHAV-1-AA	G5L060258-12	20	8290/SOLID		10.000	g
12DE051D5	48	HR1VR-1-AC	G5L130000-371C	20	TO9/AIR	16	0.167	SAMP
12DE051D5	49	HR1VR-1-AA	G5L130000-371B	20	TO9/AIR		0.167	SAMP
12DE051D5	50	HQE4X-2-AA	G5K170264-1RX	20	TO9/AIR		0.167	SAMP
12DE051D5	51	HQE46-2-AA	G5K170264-2RX	20	TO9/AIR		0.167	SAMP
12DE051D5	52	HQRTW-1-A8	G5K220334-2	20	8290/LEACHATE	15	1.002	L
12DE051D5	53	HQRX8-1-AK	G5K220334-3	20	8290/LEACHATE		1.004	L

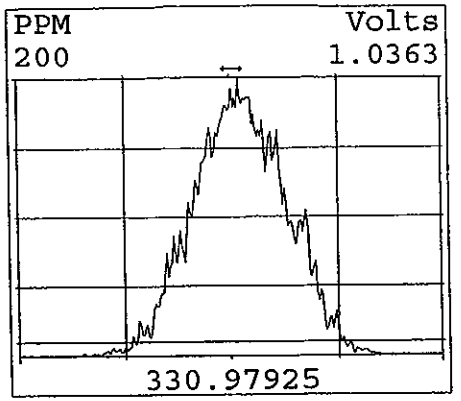
12DE051D5	54	HQRX9-1-AK	G5K220334-4	20	8290/LEACHATE		1.036	L
12DE051D5	55	HQR0A-1-AK	G5K220334-5	20	8290/LEACHATE		0.999	L
12DE051D5	56	HQR0C-1-AK	G5K220334-6	20	8290/LEACHATE		1.015	L
12DE051D5	57	HQR0D-1-AK	G5K220334-7	20	8290/LEACHATE		1.006	L
DE051D5	58	SB1212E	Solvent Blank C-14				1.000	
12DE051D5	59	CP1212C	DB-5 CPSM 2565-47				1.000	
12DE051D5	60	ST1212D	CS3 2565-41C				1.000	
12DE051D5	61	SB1212F	Solvent Blank C-14				1.000	
12DE051D5	62	HRXEN-1-AA	G5L120000-303B	20	8290/LEACHATE	15	1.000	L
12DE051D5	63	HRXEN-1-AC	G5L120000-303C	20	8290/LEACHATE		1.000	L
12DE051D5	64	HRXEN-1-AD	G5L120000-303L	20	8290/LEACHATE		1.000	L
12DE051D5	65	HQR0G-1-AK	G5K220334-9	20	8290/LEACHATE		0.988	L
12DE051D5	66	HQR0H-1-AK	G5K220334-10	20	8290/LEACHATE		0.999	L
12DE051D5	67	HQR0K-1-AK	G5K220334-11	20	8290/LEACHATE		1.005	L
12DE051D5	68	HQR0L-1-AK	G5K220334-12	20	8290/LEACHATE		1.015	L
12DE051D5	69	HQR0N-1-AK	G5K220334-14	20	8290/LEACHATE		0.904	L
12DE051D5	70	HQR0P-1-AK	G5K220334-15	20	8290/LEACHATE		1.004	L
12DE051D5	71	HQR0Q-1-AK	G5K220334-16	20	8290/LEACHATE		0.974	L
12DE051D5	72	HQR0R-1-AK	G5K220334-17	20	8290/LEACHATE		0.992	L
12DE051D5	73	HQR0T-1-AK	G5K220334-18	20	8290/LEACHATE		0.964	L
12DE051D5	74	HQR0V-1-AK	G5K220334-19	20	8290/LEACHATE	16	1.019	L
12DE051D5	75	HP31F-1-AC	G5K120175-3 RI	20	1613B/SOLID		10.000	g
12DE051D5	76	HP31E-1-AC	(20x)G5K120175-2	20	1613B/SOLID		10.000	g
12DE051D5	77	SB1212G	Solvent Blank C-14				1.000	
12DE051D5	78	ST1212E	CS3 2565-41C				1.000	
12DE051D5	79						1.000	
12DE051D5	80						1.000	
12DE051D5	81						1.000	
12DE051D5	82		MG 12/12/05				1.000	

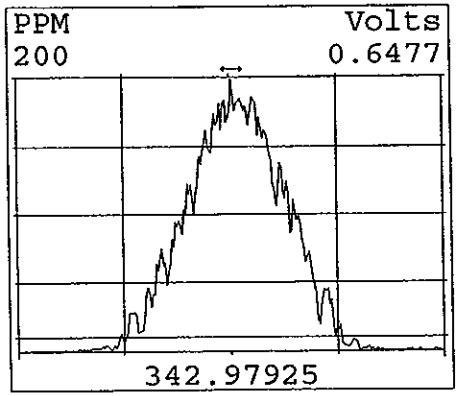
Peak Locate Examination: 9-DEC-2005:08:39 File:09DE051D5
Experiment:DIOXIN Function:1 Reference:PFK

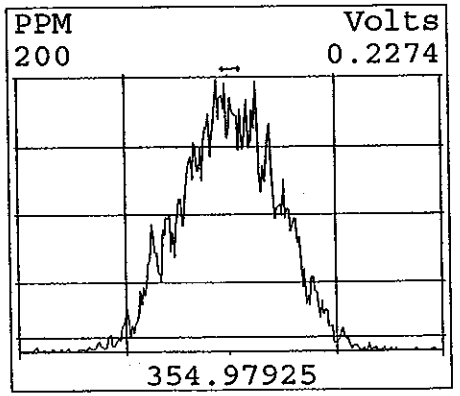


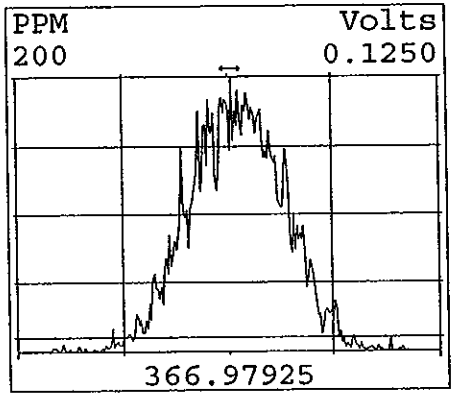


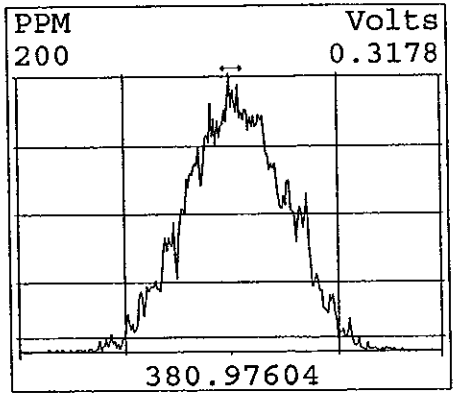


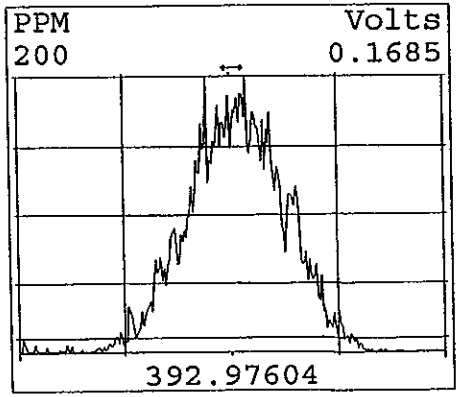


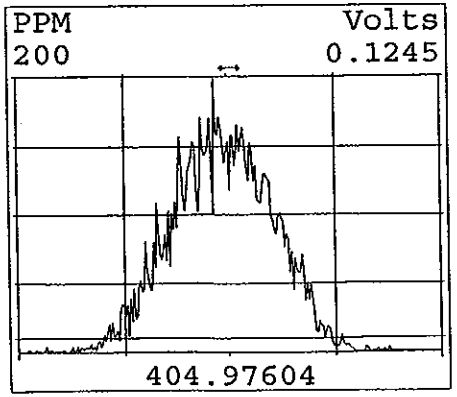


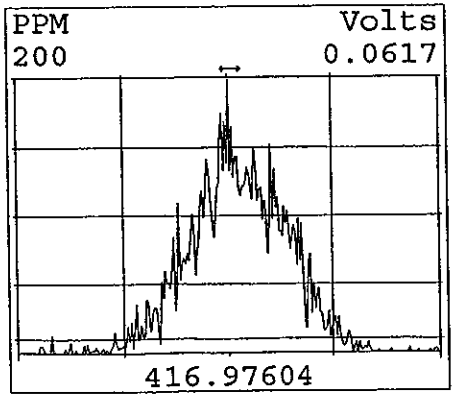




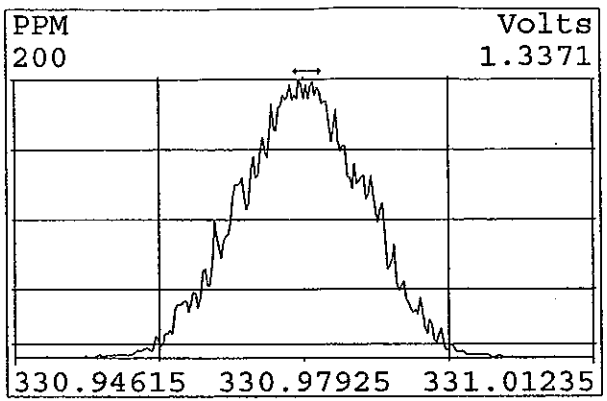


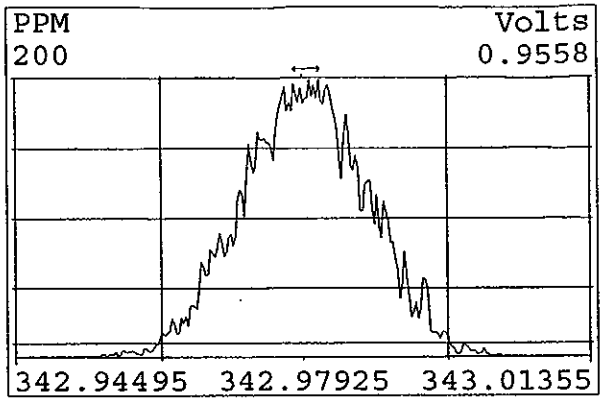


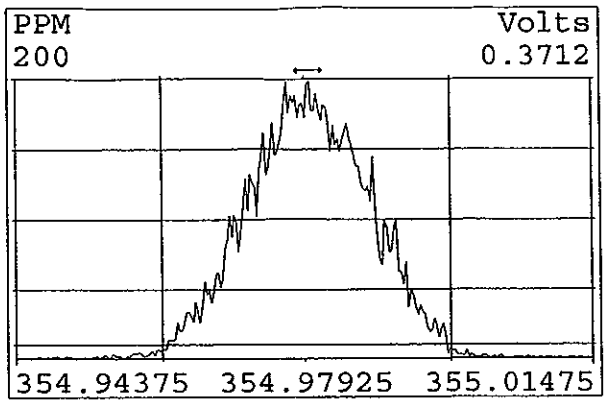


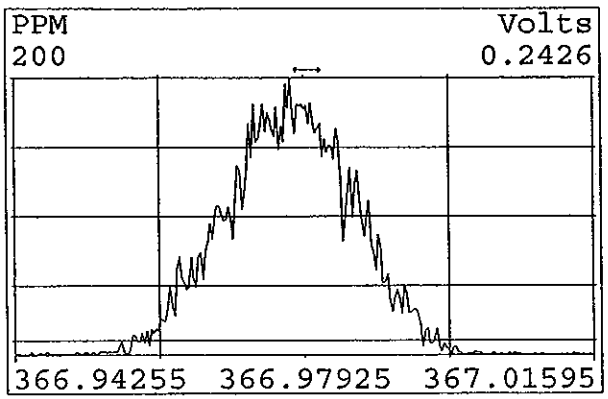


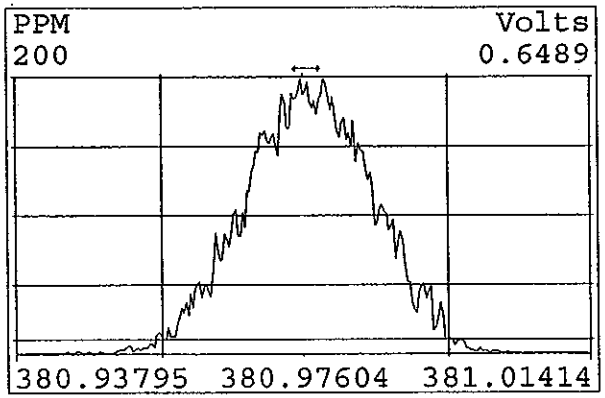
Peak Locate Examination: 9-DEC-2005:08:39 File:09DE051D5
Experiment:DIOXIN Function:2 Reference:PFK

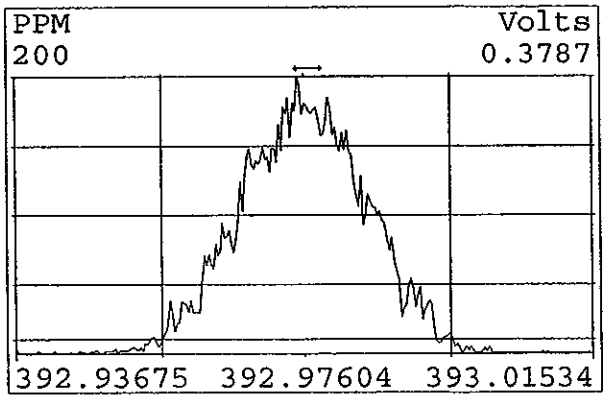


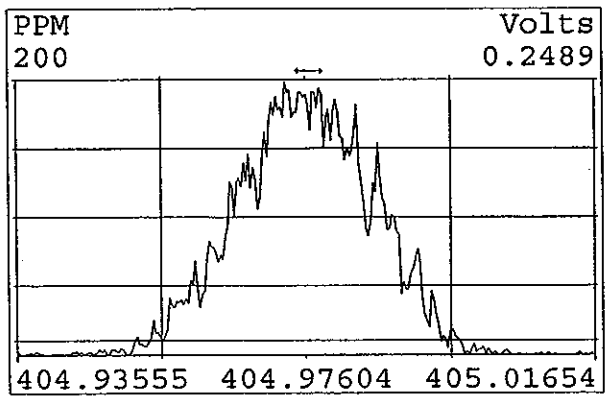


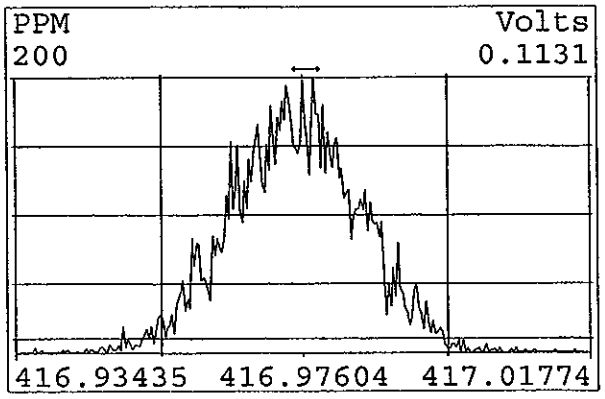




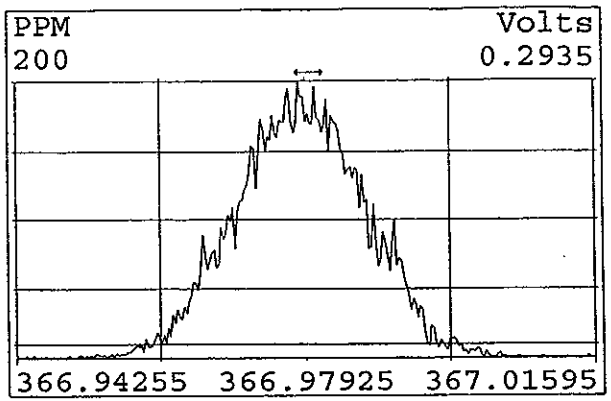


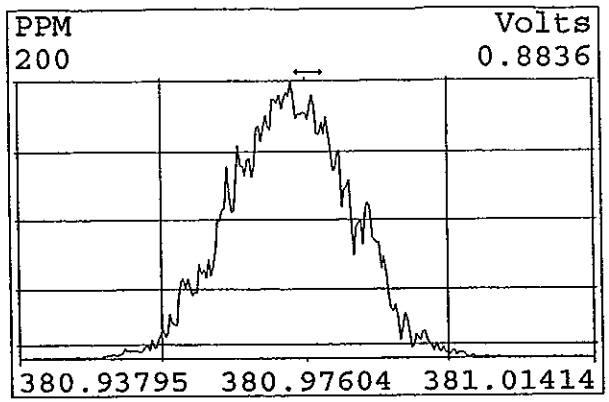


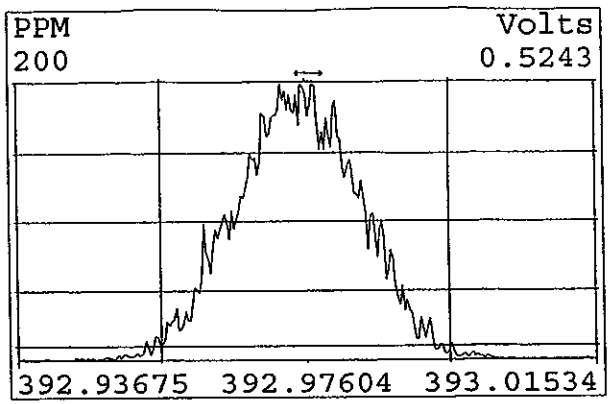


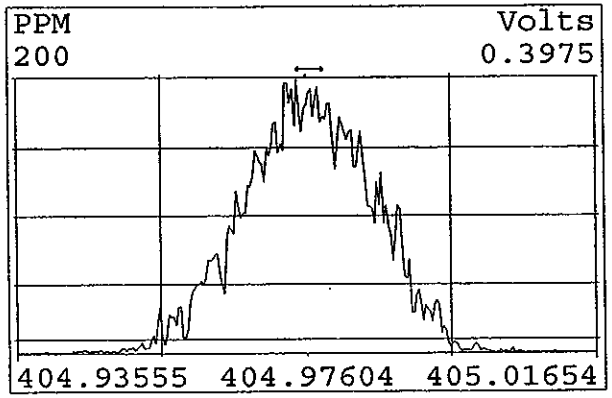


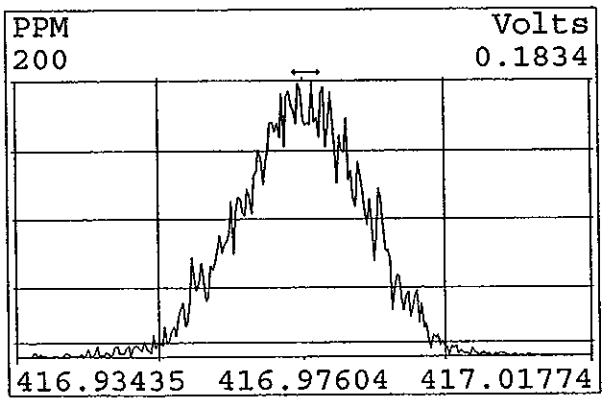
Peak Locate Examination: 9-DEC-2005:08:40 File:09DE051D5
Experiment:DIOXIN Function:3 Reference:PFK

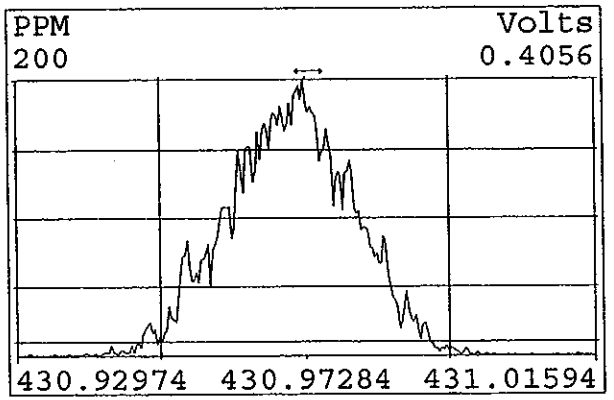


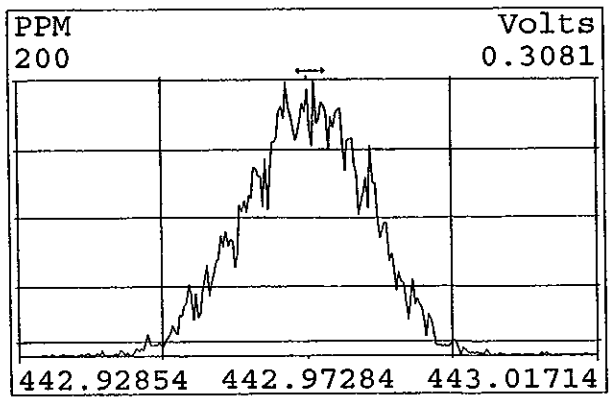


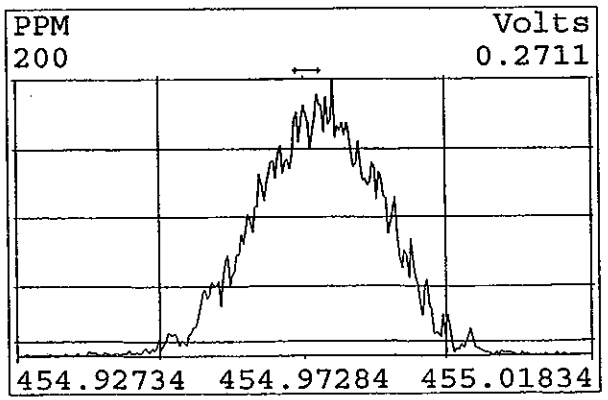




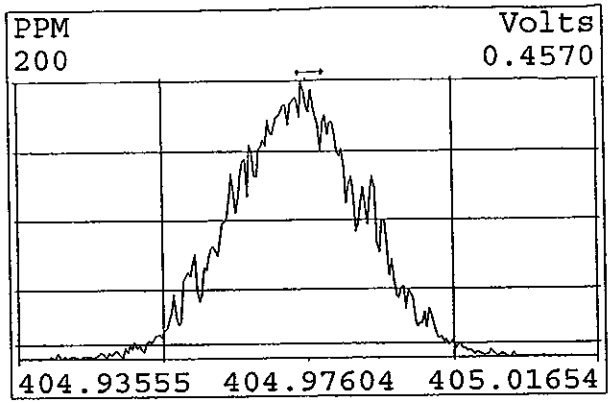


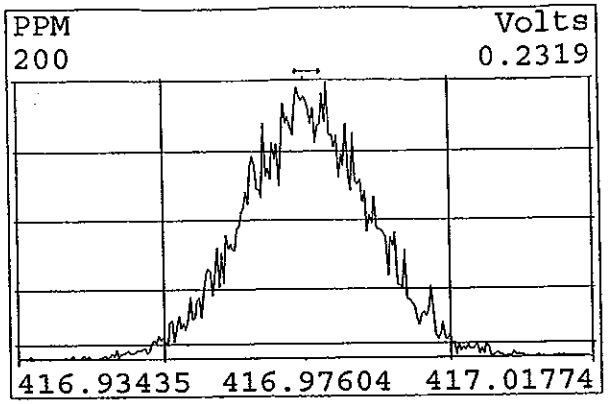


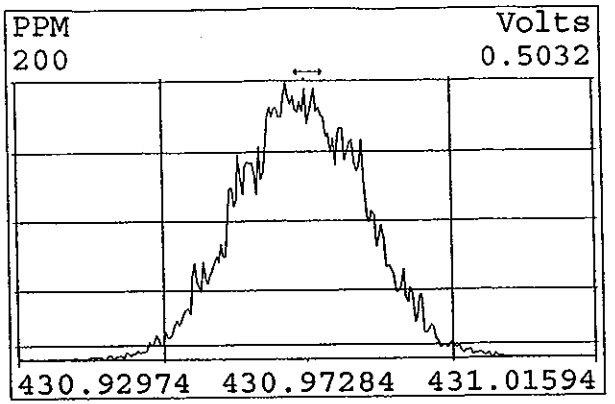


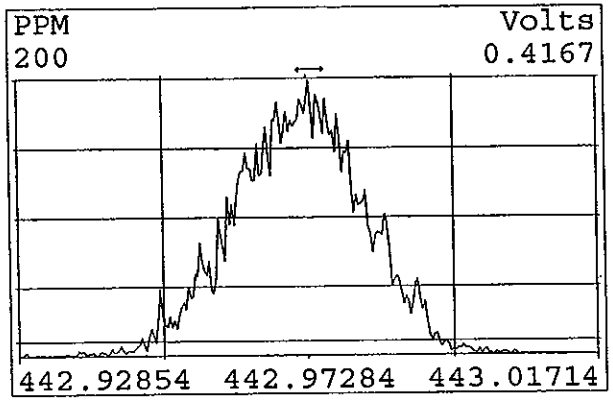


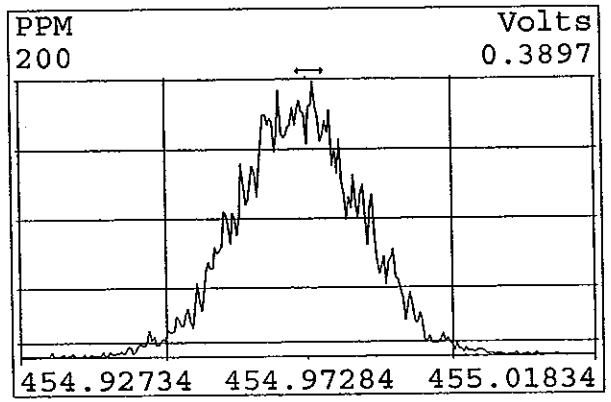
Peak Locate Examination: 9-DEC-2005:08:40 File:09DE051D5
Experiment:DIOXIN Function:4 Reference:PFK

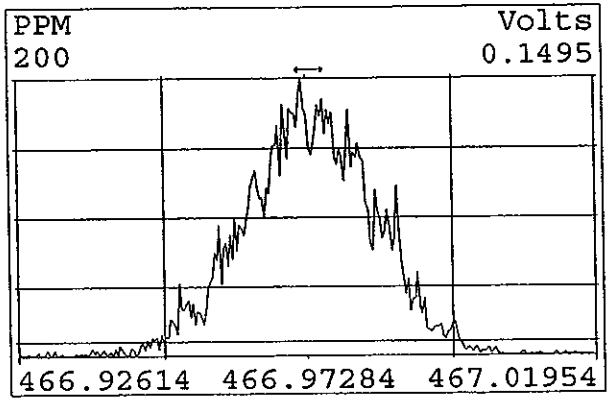


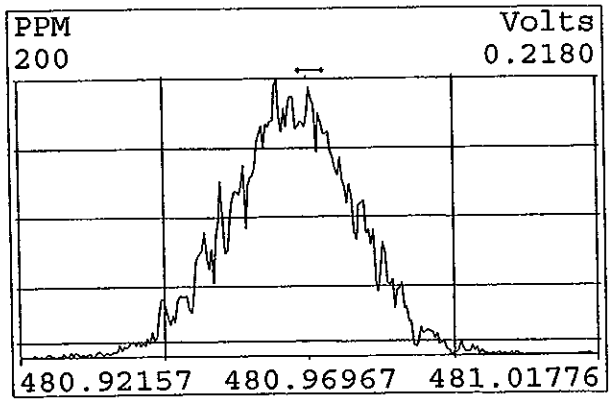




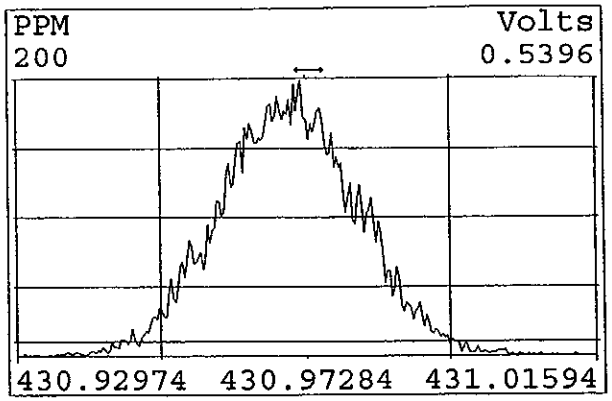


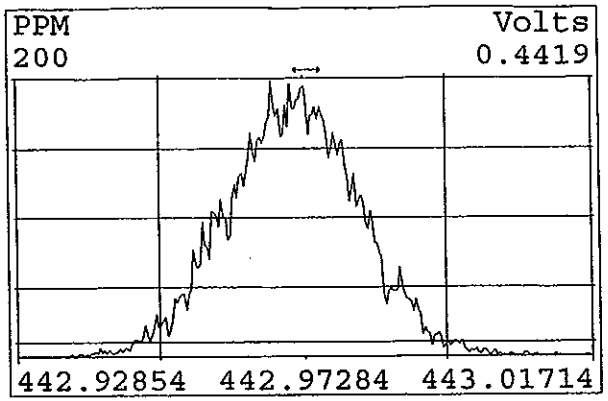


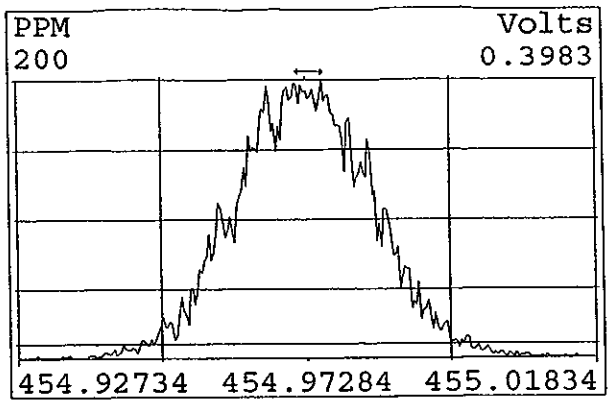


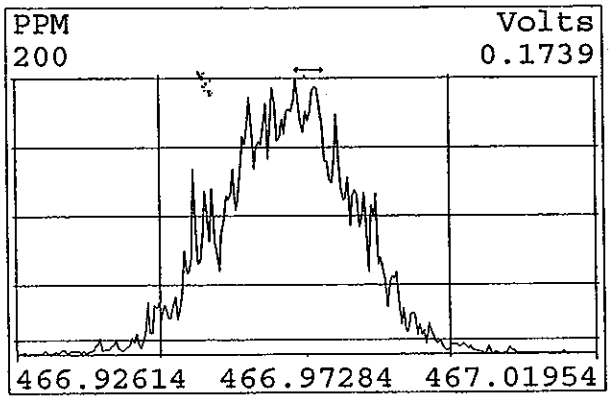


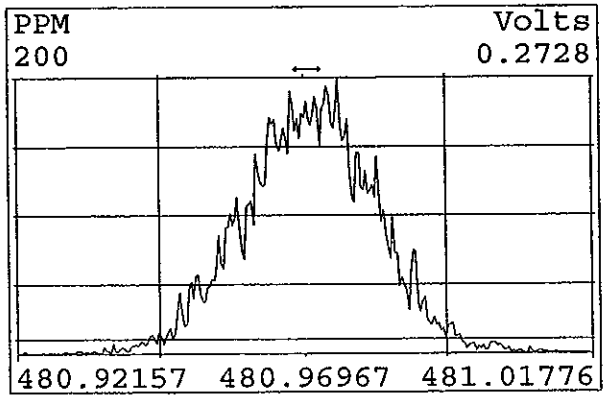
Peak Locate Examination: 9-DEC-2005:08:41 File:09DE051D5
Experiment:DIOXIN Function:5 Reference:PFK

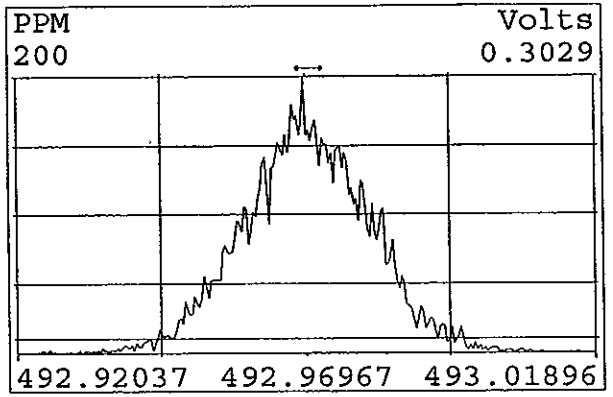


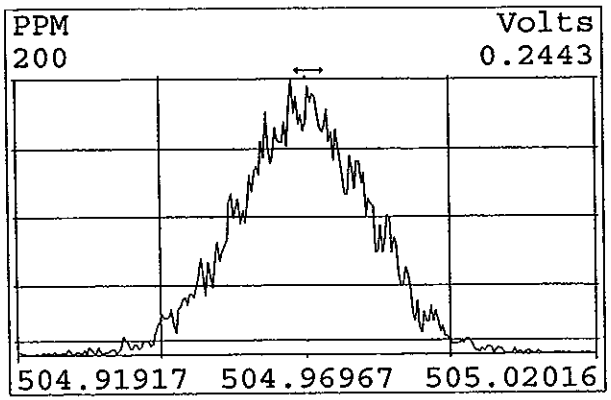


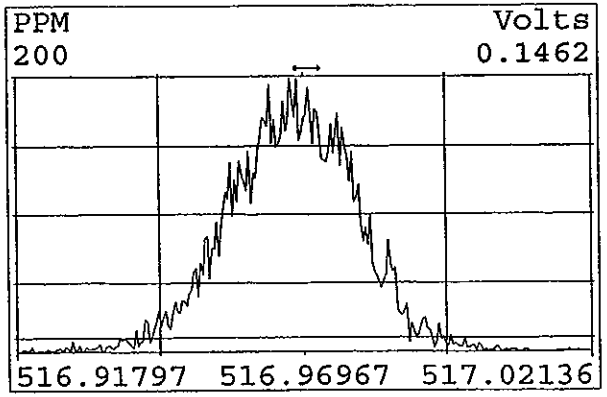




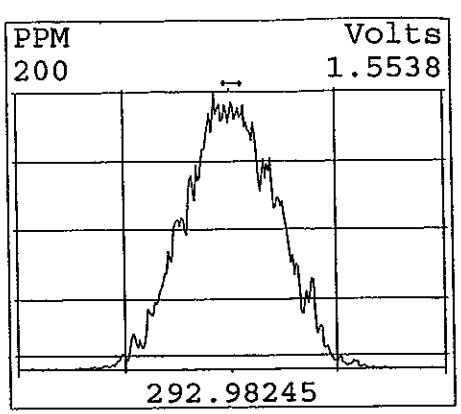


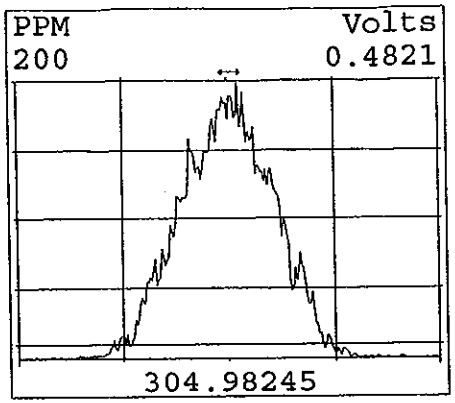


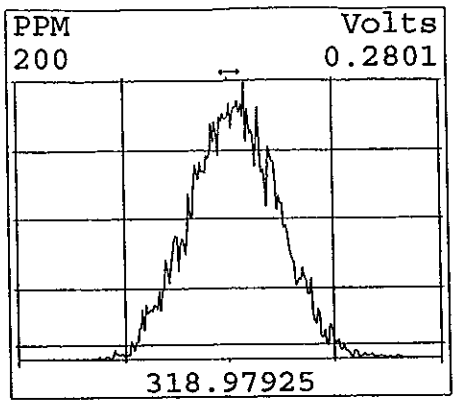


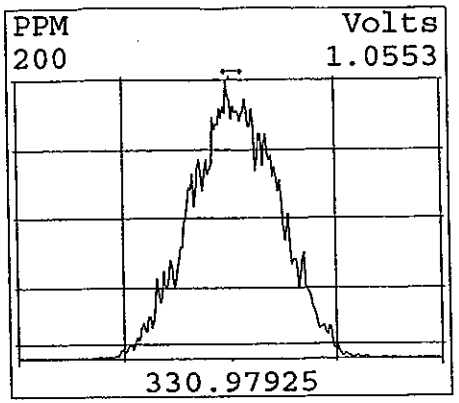


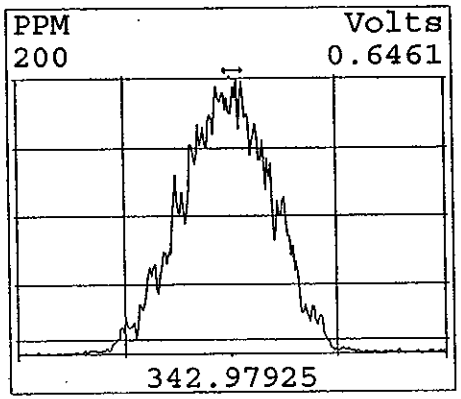
Peak Locate Examination: 9-DEC-2005:19:27 File:RESCHK09DE051D5
Experiment:DIOXIN Function:1 Reference:PFK

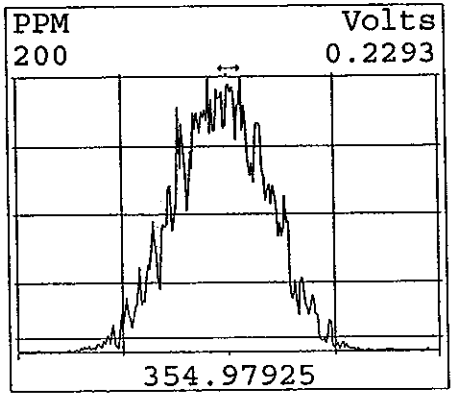


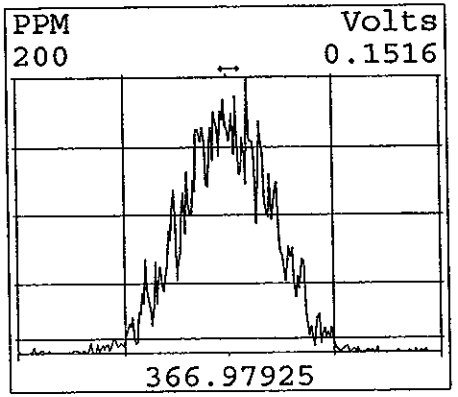


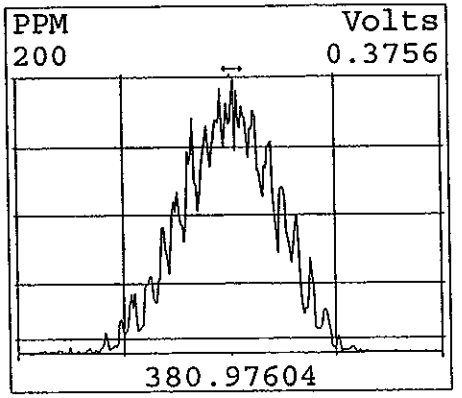


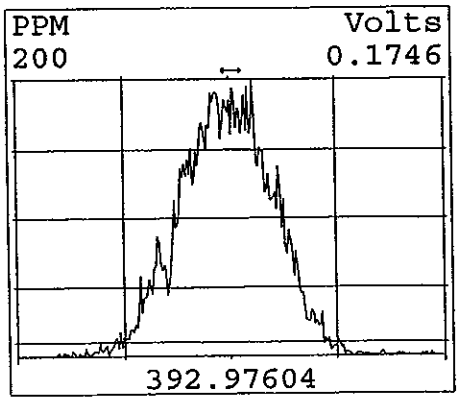


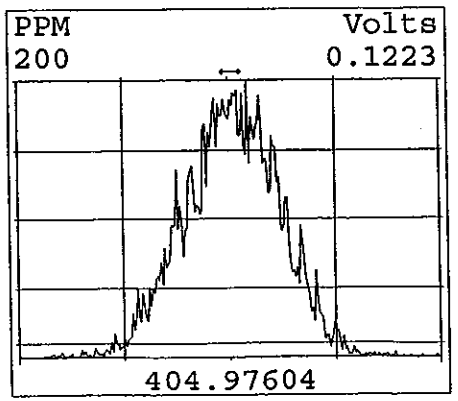


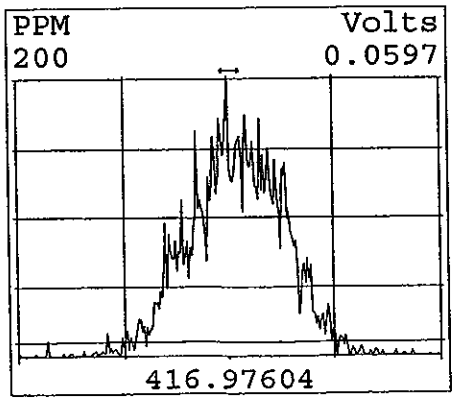




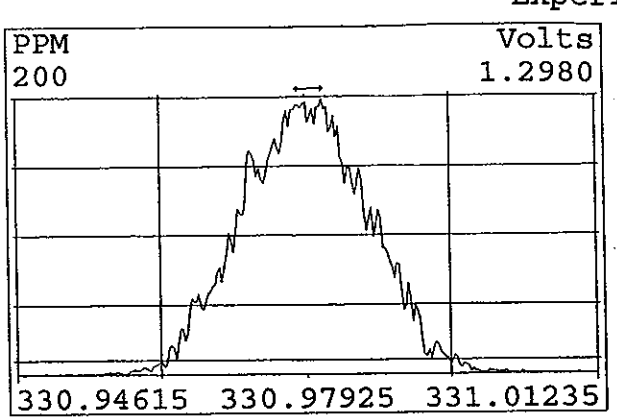


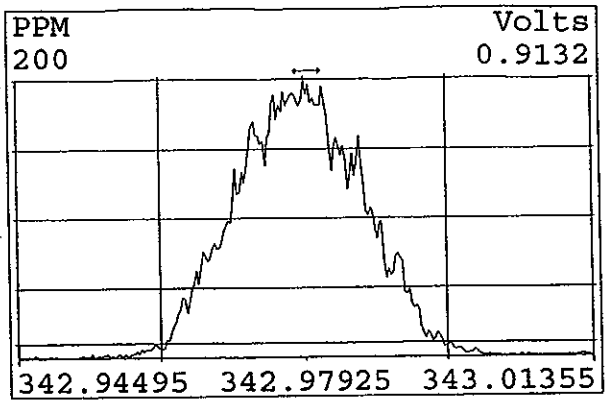


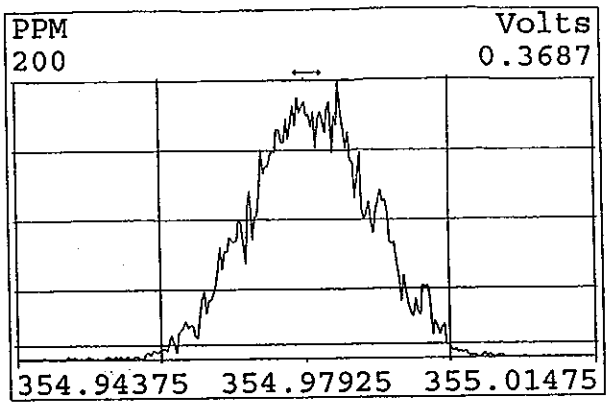


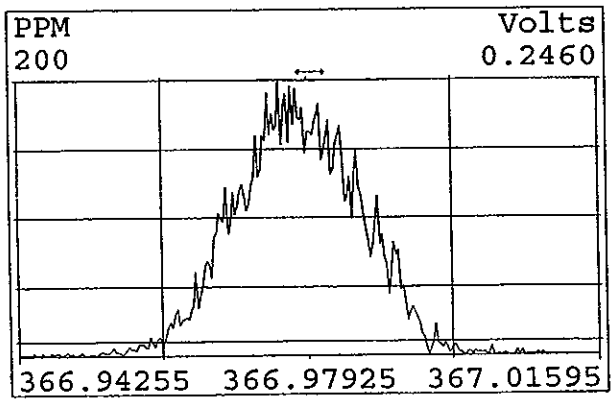


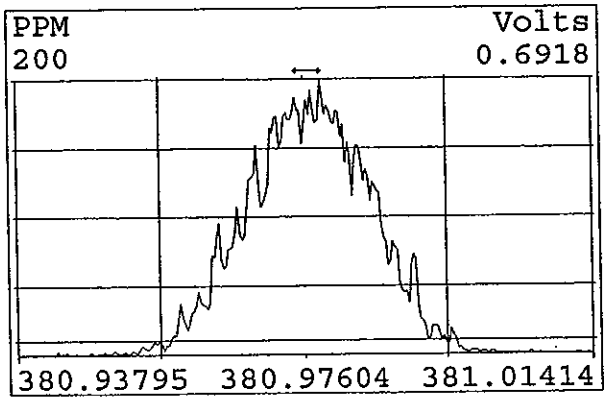
Peak Locate Examination: 9-DEC-2005:19:29 File:RESCHK09DE051D5
Experiment:DIOXIN Function:2 Reference:PFK

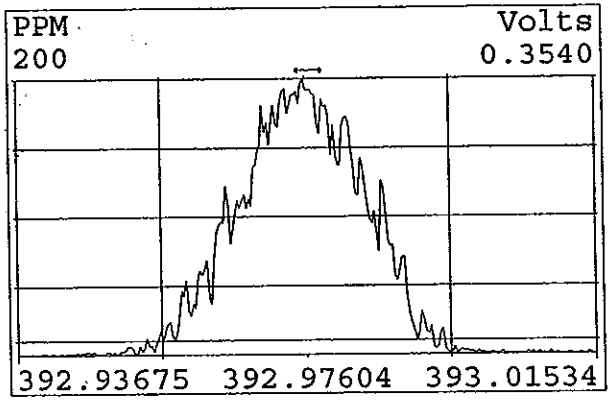


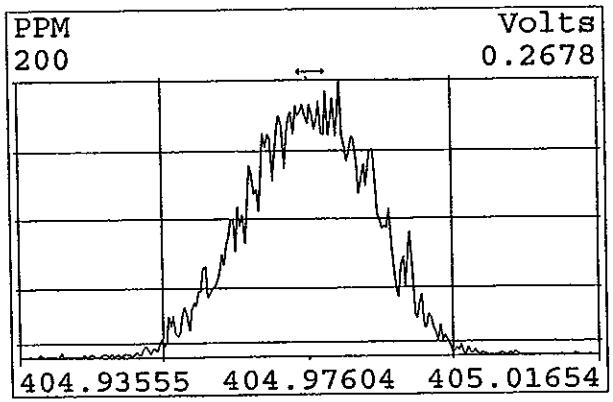


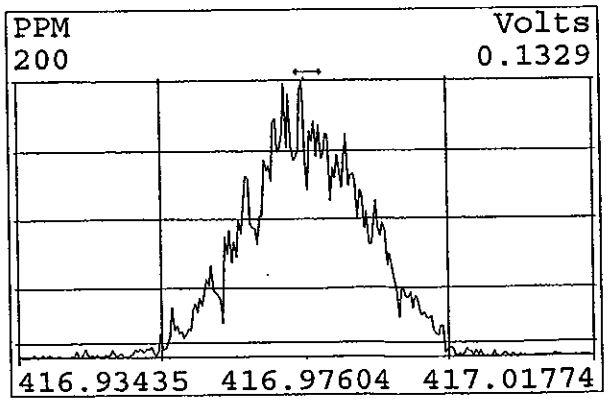




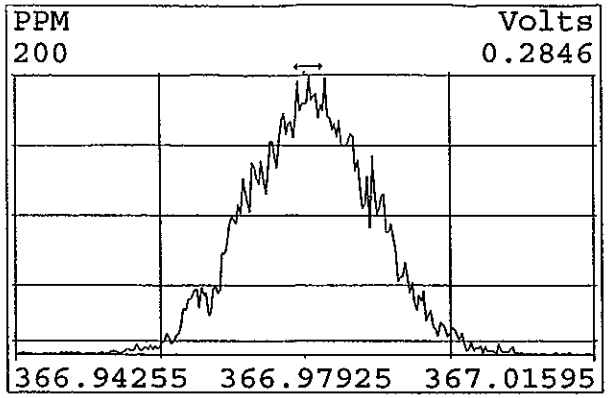


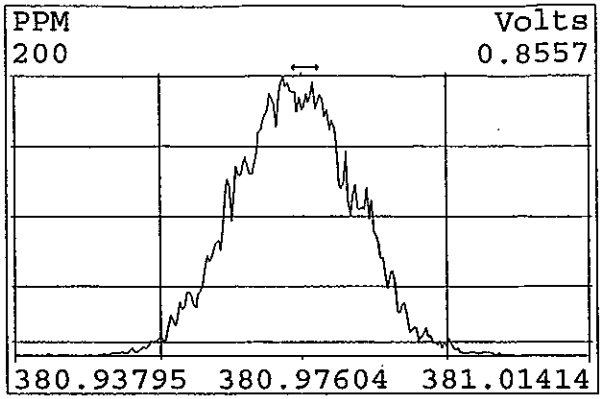


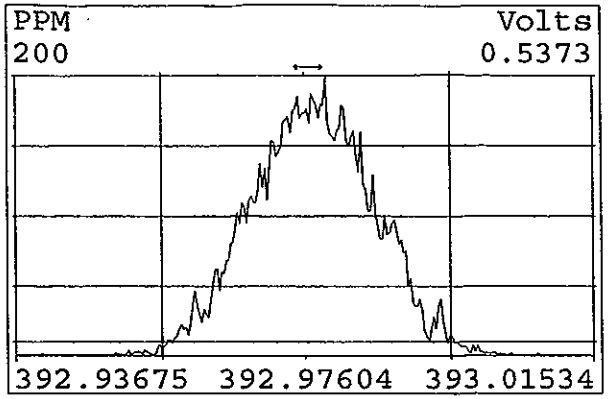


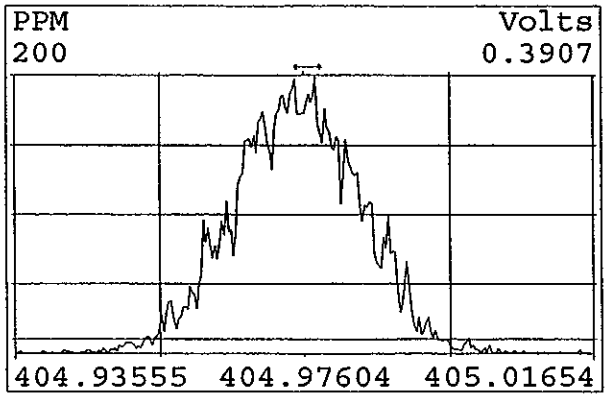


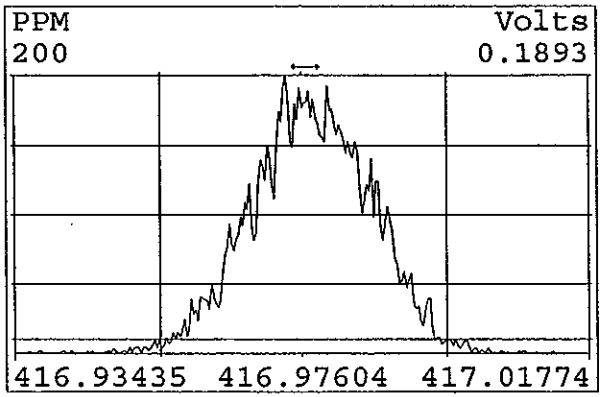
Peak Locate Examination: 9-DEC-2005:19:31 File:RESCHK09DE051D5
Experiment:DIOXIN Function:3 Reference:PFK

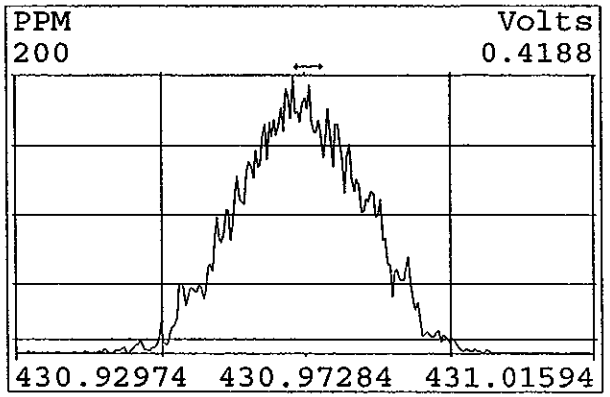


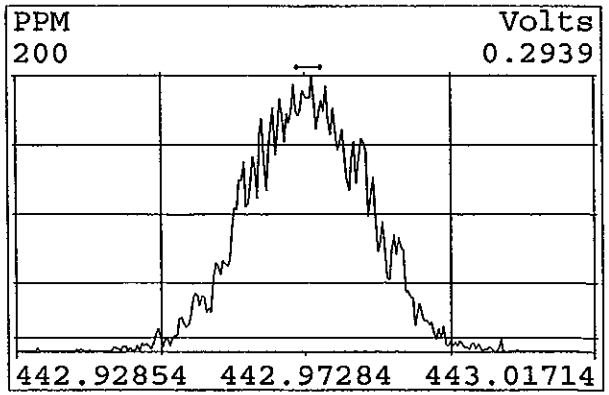


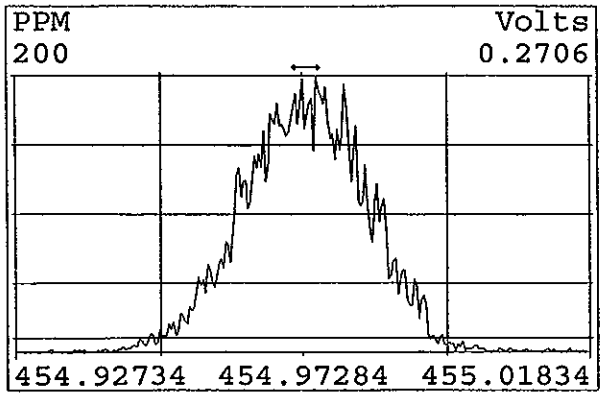




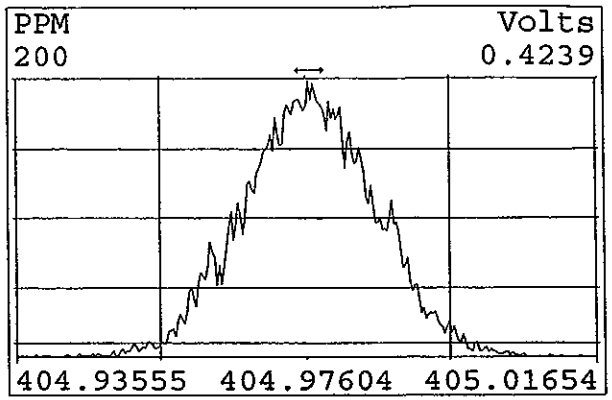


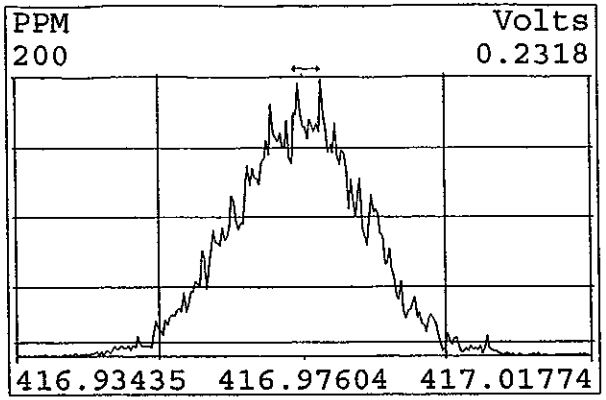


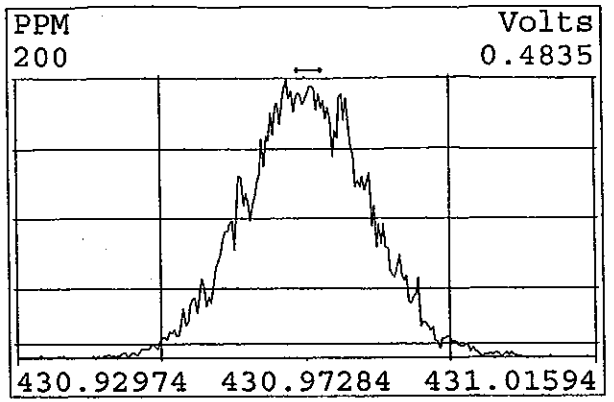


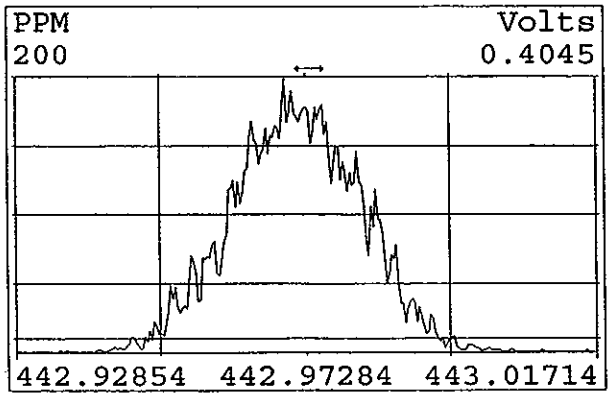


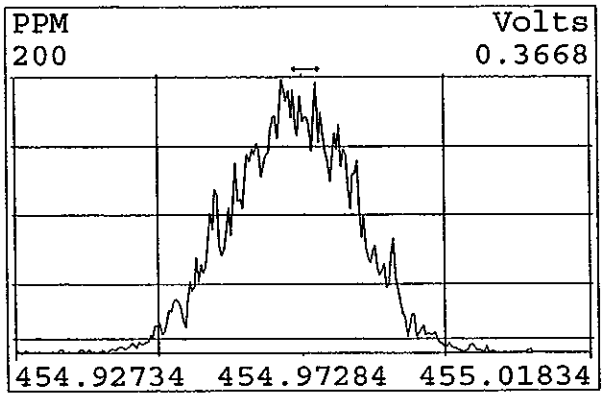
Peak Locate Examination: 9-DEC-2005:19:32 File:RESCHK09DE051D5
Experiment:DIOXIN Function:4 Reference:PFK

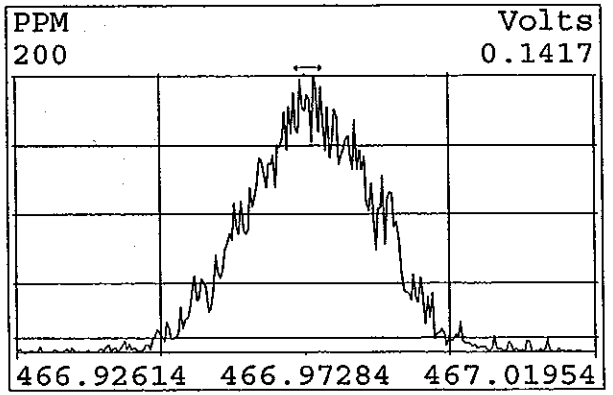


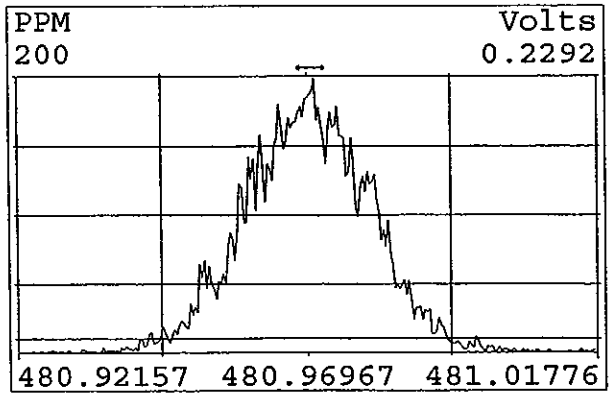




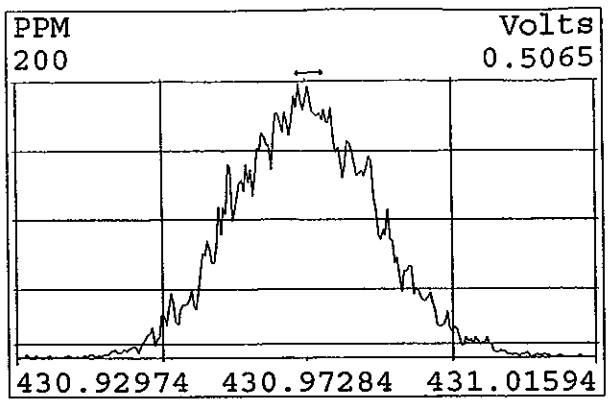


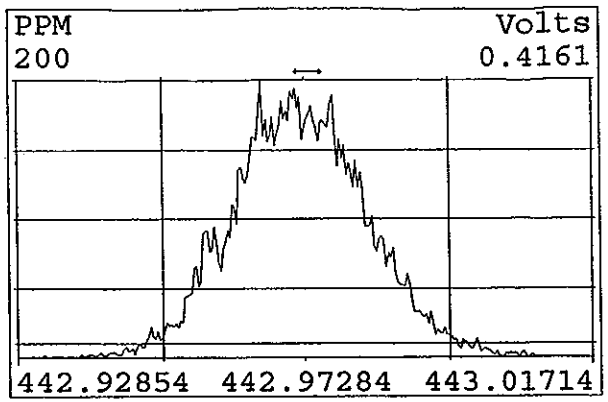


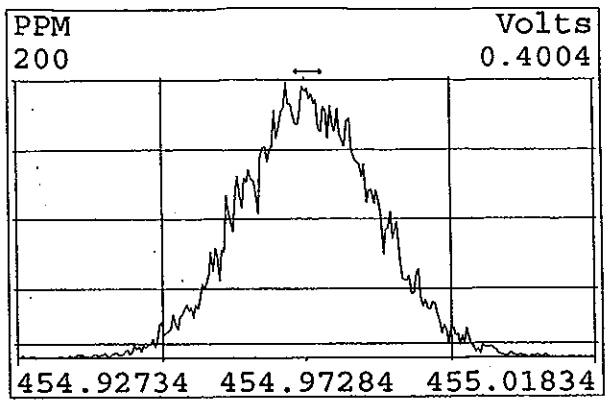


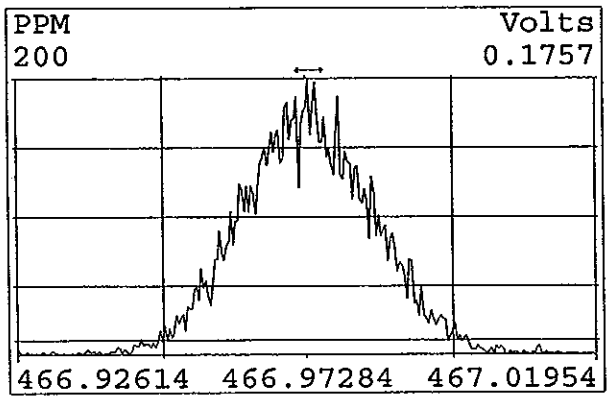


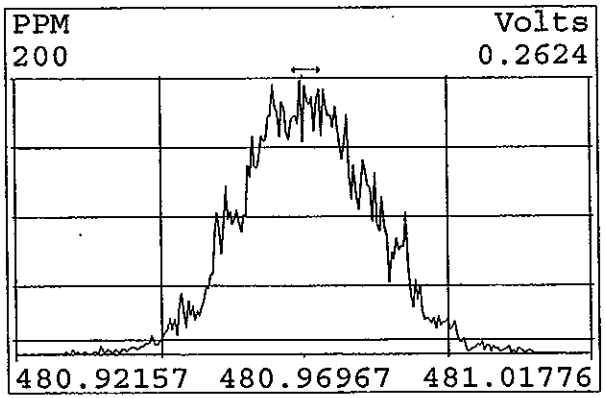
Peak Locate Examination: 9-DEC-2005:19:34 File:RESCHK09DE051D5
Experiment:DIOXIN Function:5 Reference:PFK

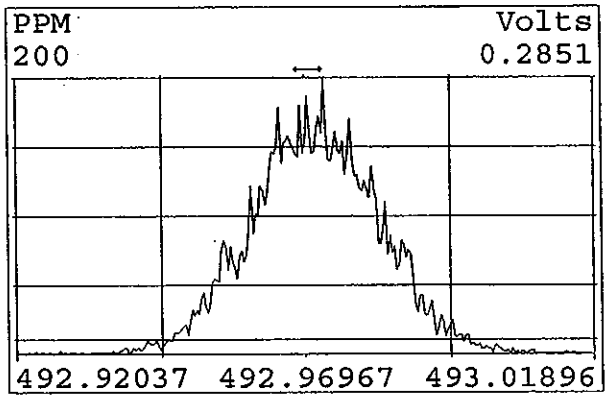


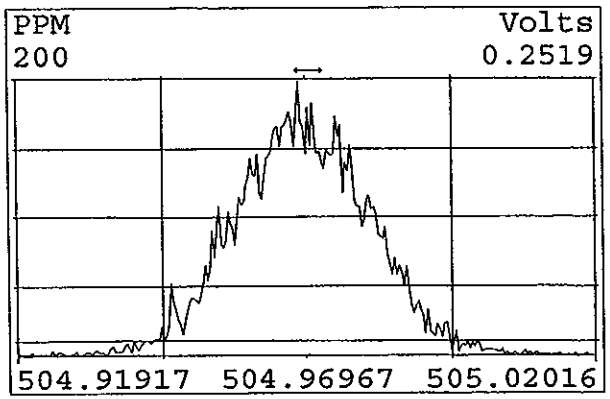


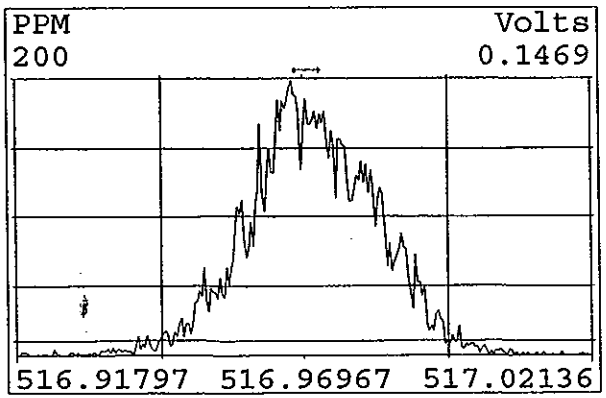




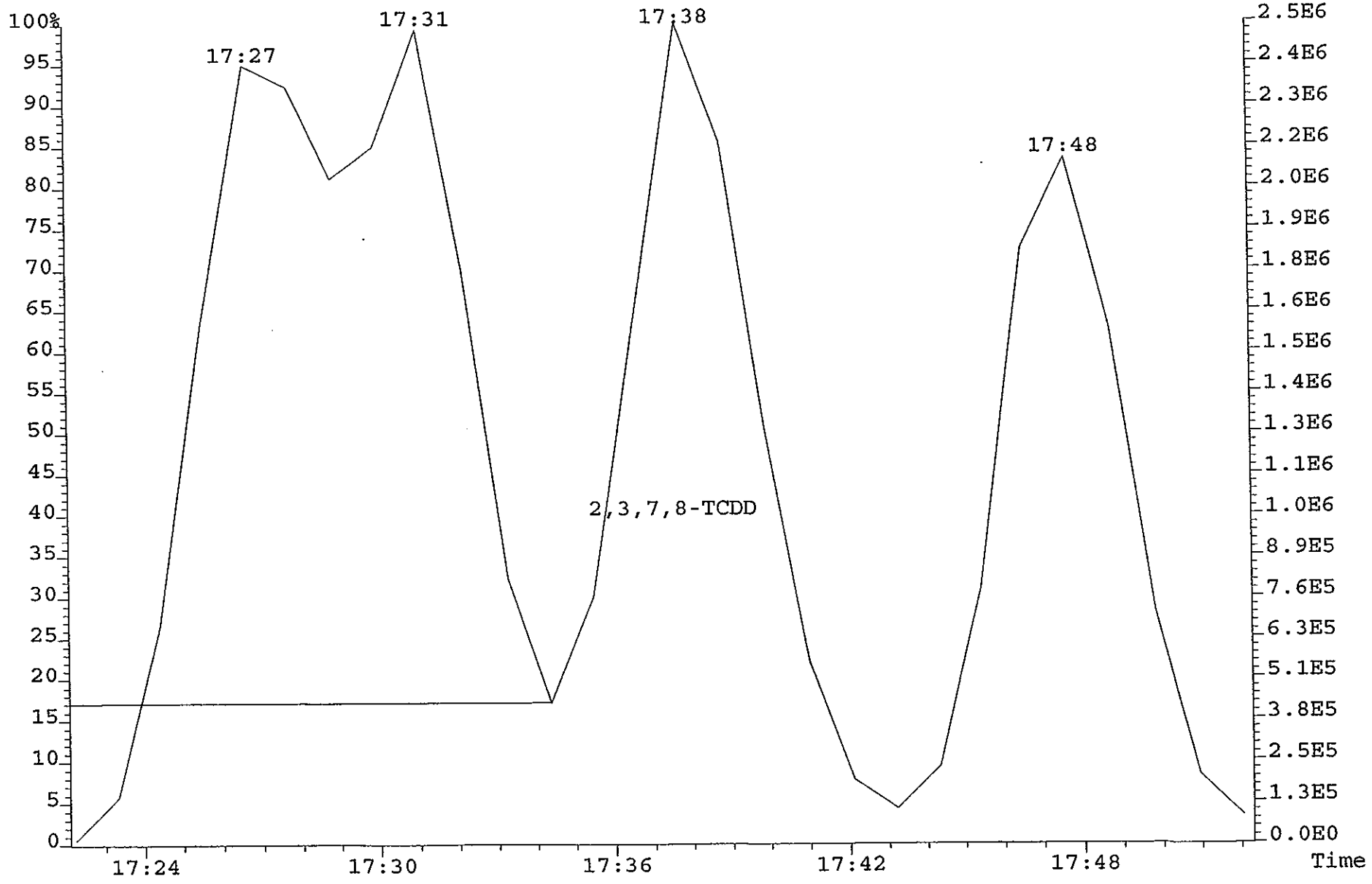




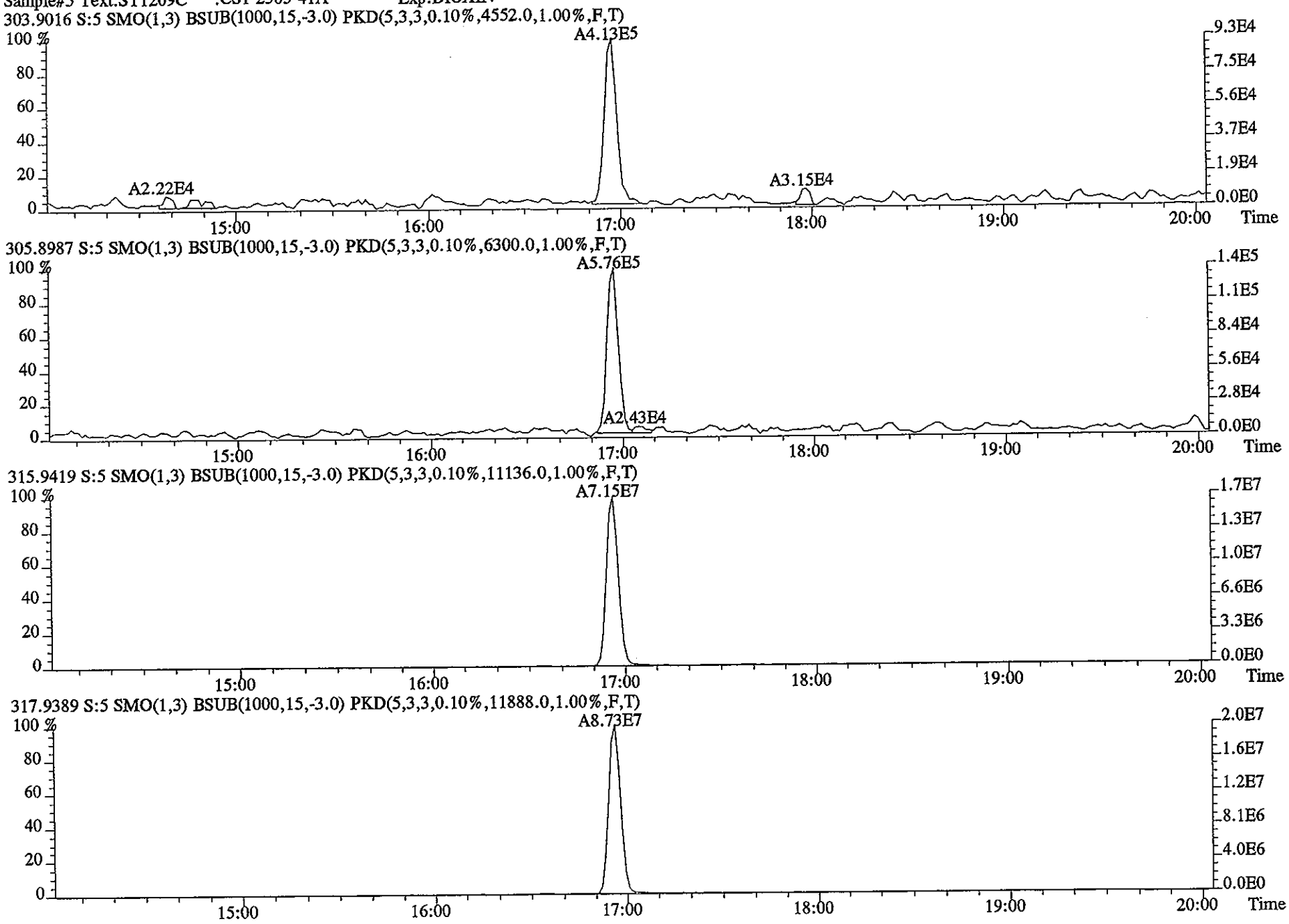




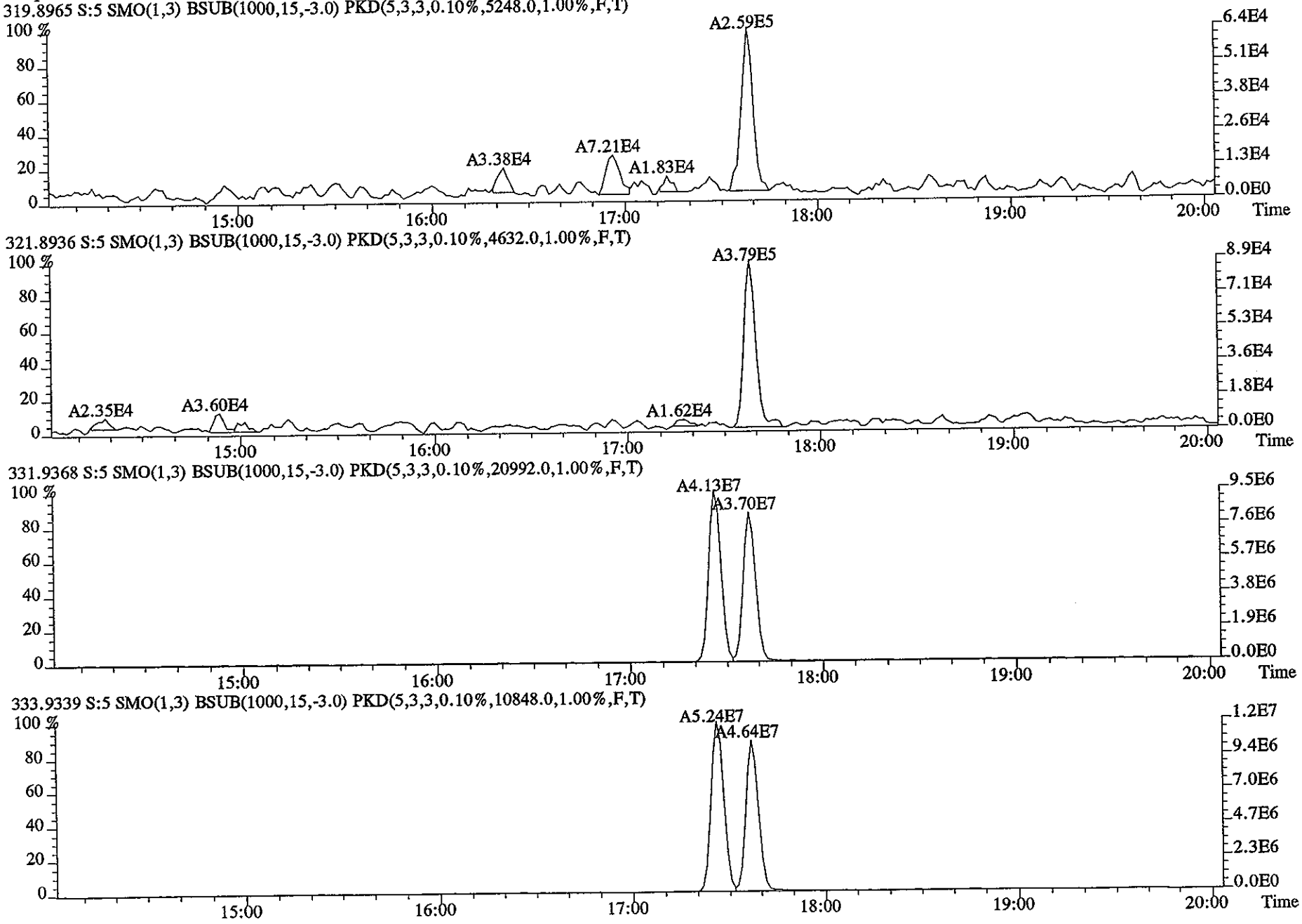
File:09DE051D5 #1-329 Acq: 9-DEC-2005 09:36:19 GC EI+ Voltage SIR 70SE
321.8936 S:2 BSUB(128,15,-3.0) Exp:DIOXIN Noise:1854



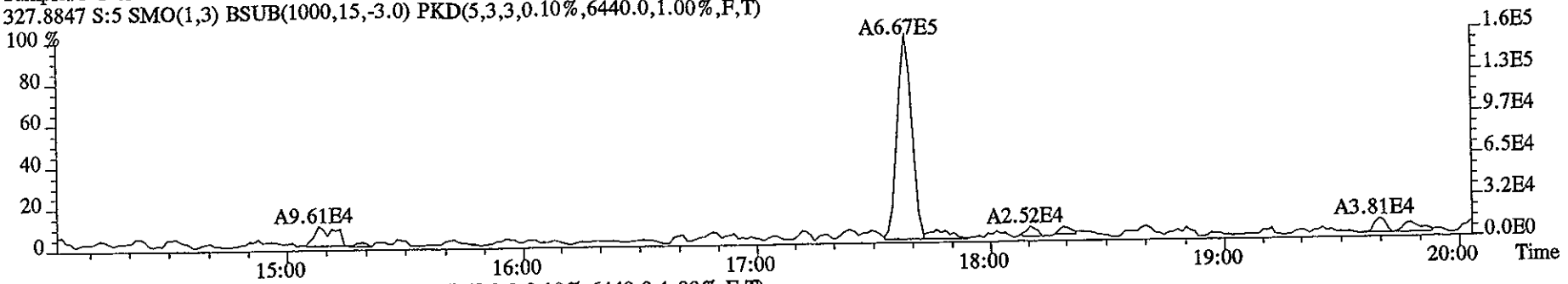
File:09DE051D5 #1-328 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN



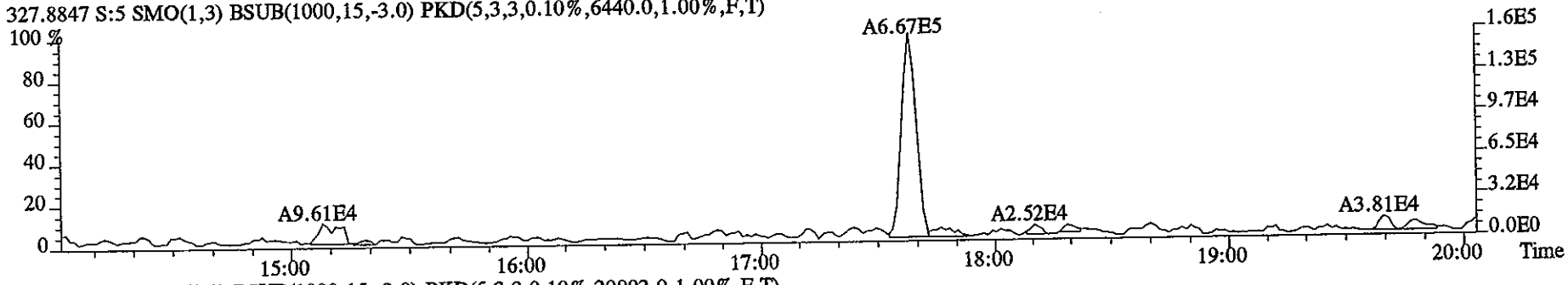
File:09DE051D5 #1-328 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN



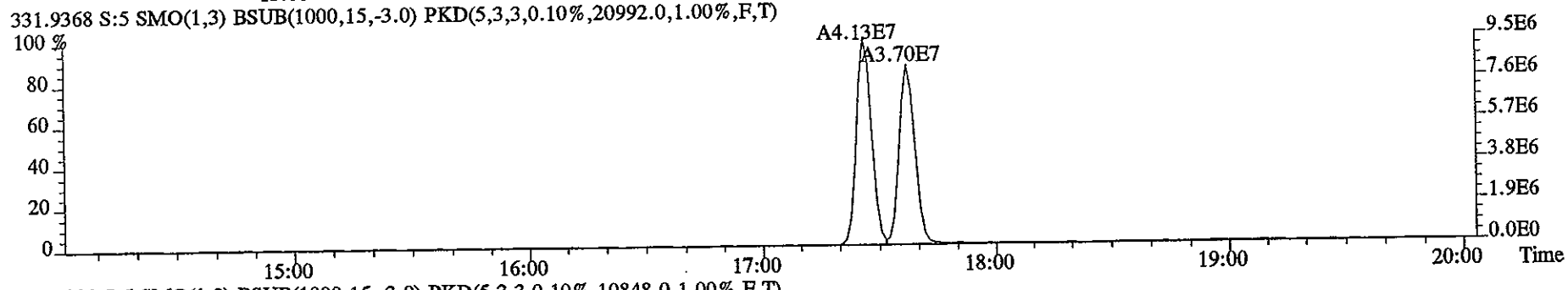
File:09DE051D5 #1-328 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
327.8847 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6440.0,1.00%,F,T)



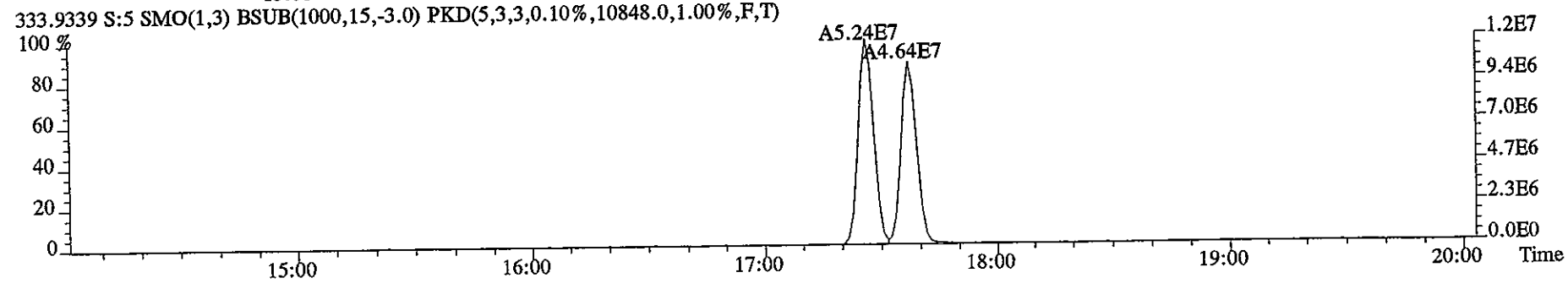
327.8847 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6440.0,1.00%,F,T)



331.9368 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20992.0,1.00%,F,T)

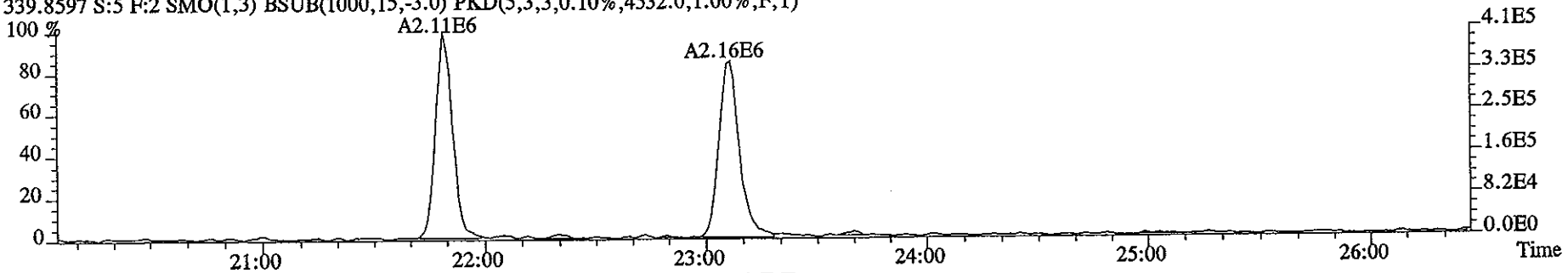


333.9339 S:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10848.0,1.00%,F,T)

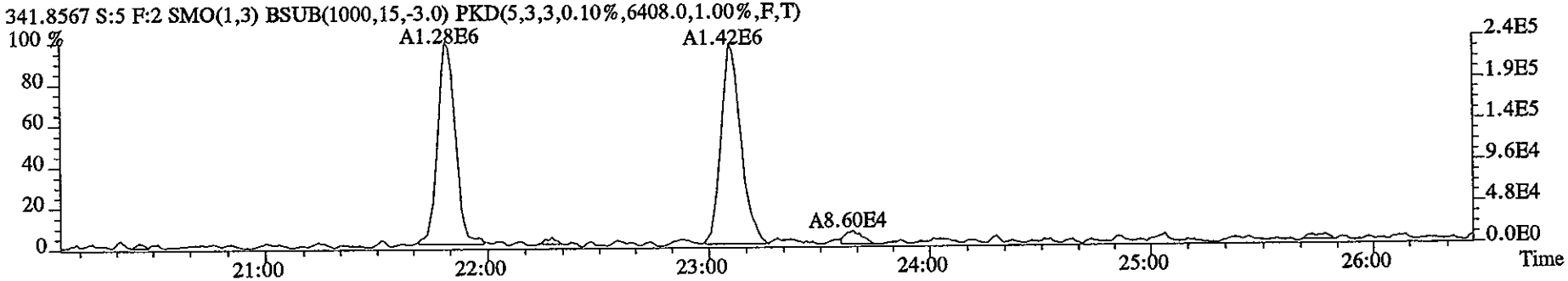


File:09DE051D5 #1-449 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN

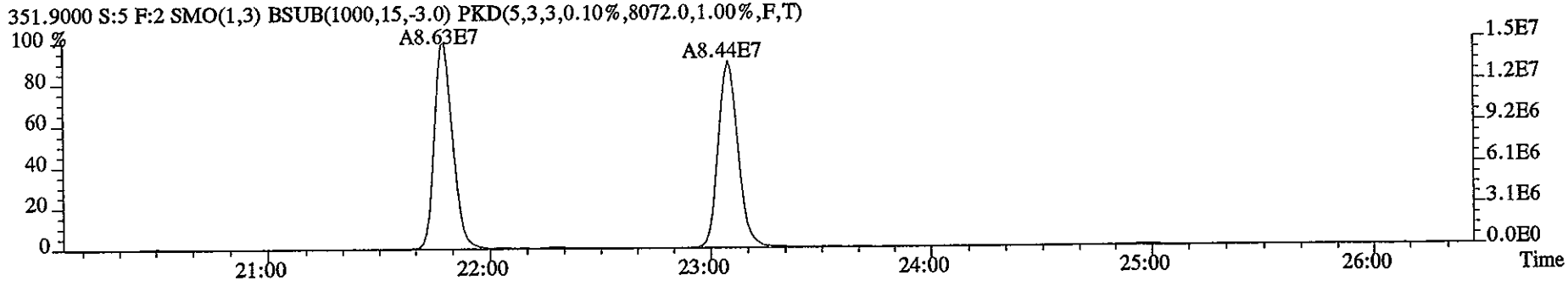
339.8597 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4532.0,1.00%,F,T)



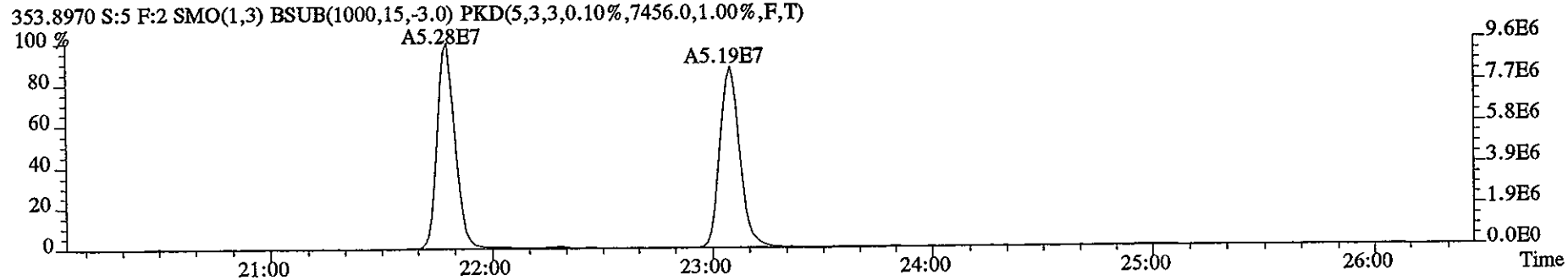
341.8567 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6408.0,1.00%,F,T)



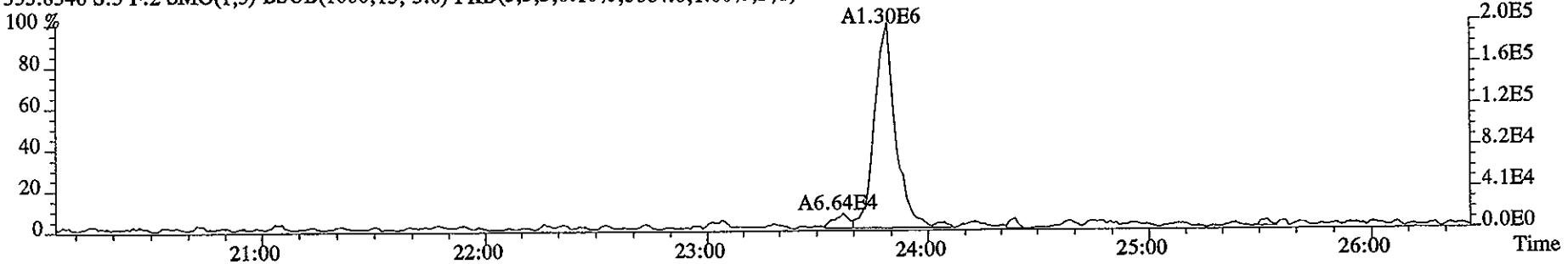
351.9000 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8072.0,1.00%,F,T)

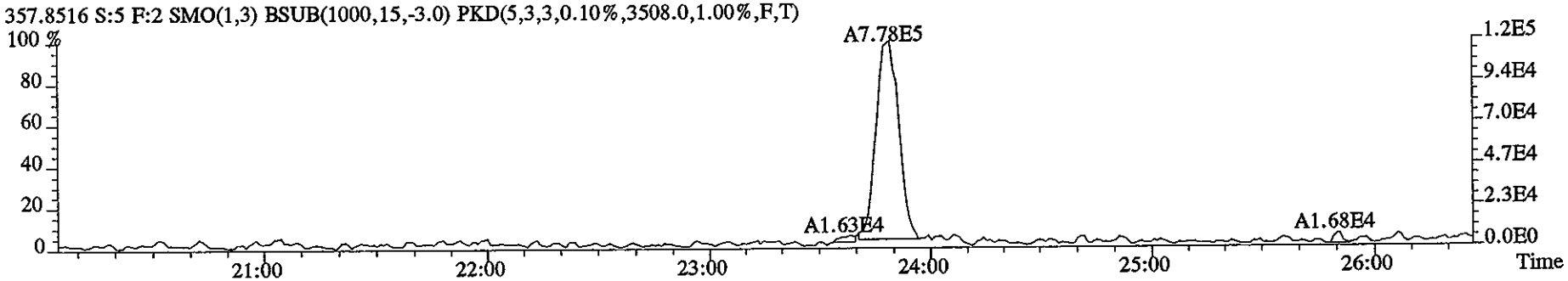


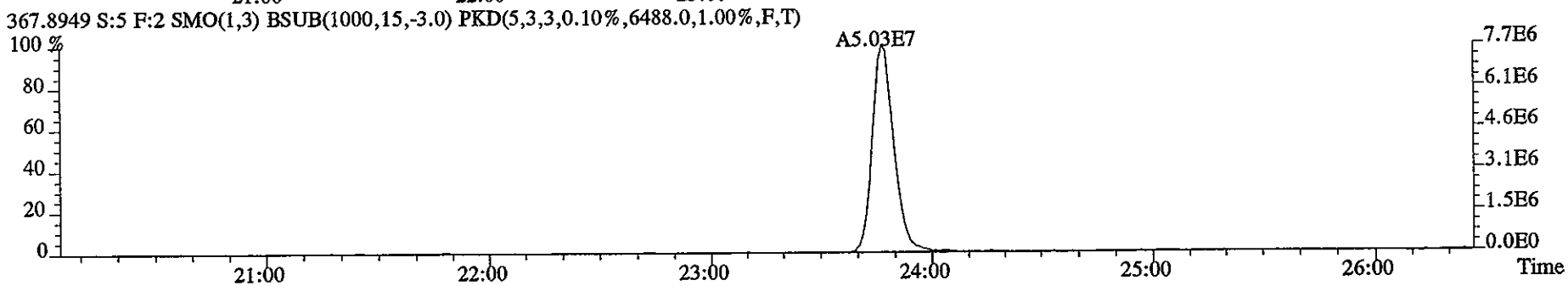
353.8970 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7456.0,1.00%,F,T)

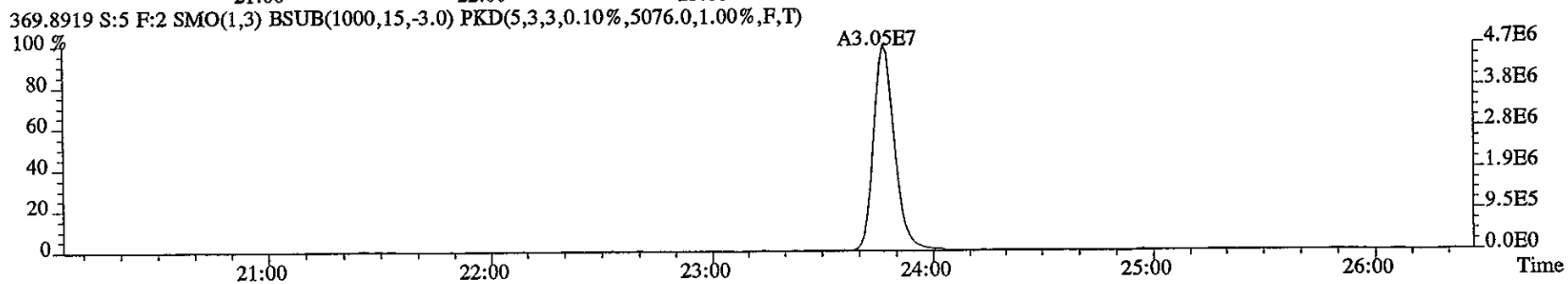


File:09DE051D5 #1-449 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN

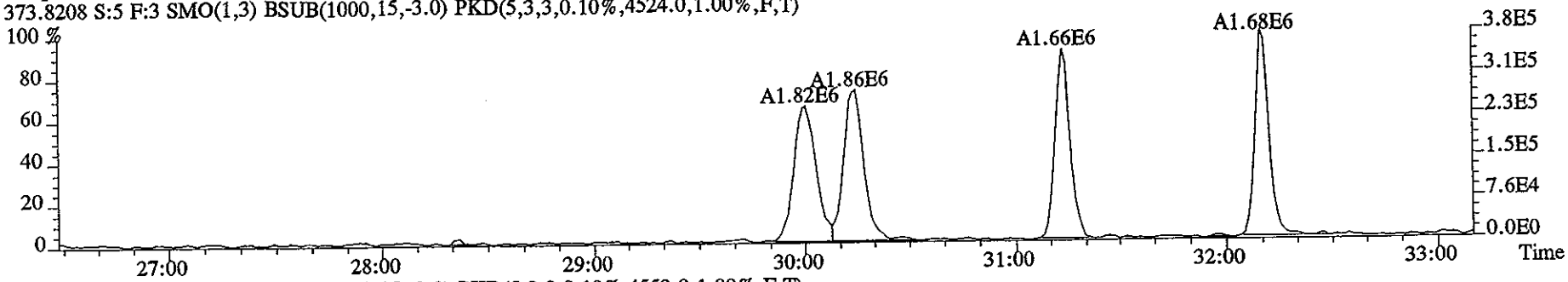




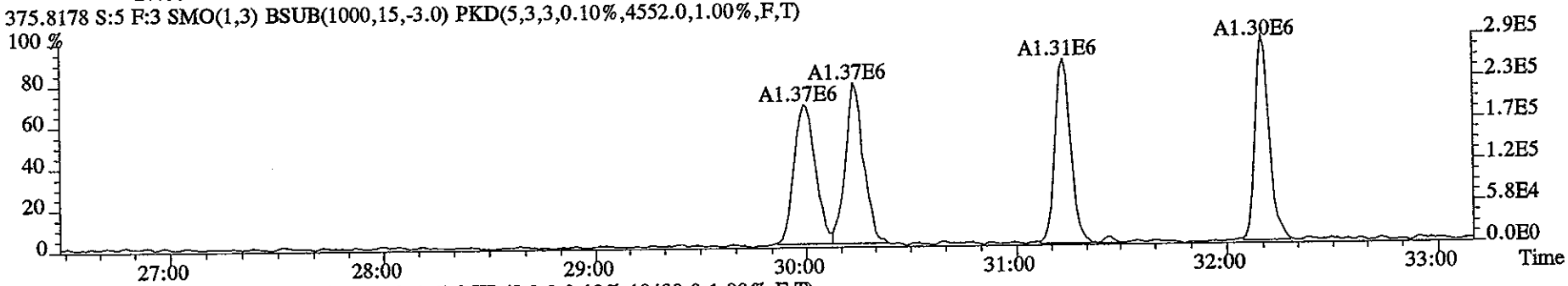




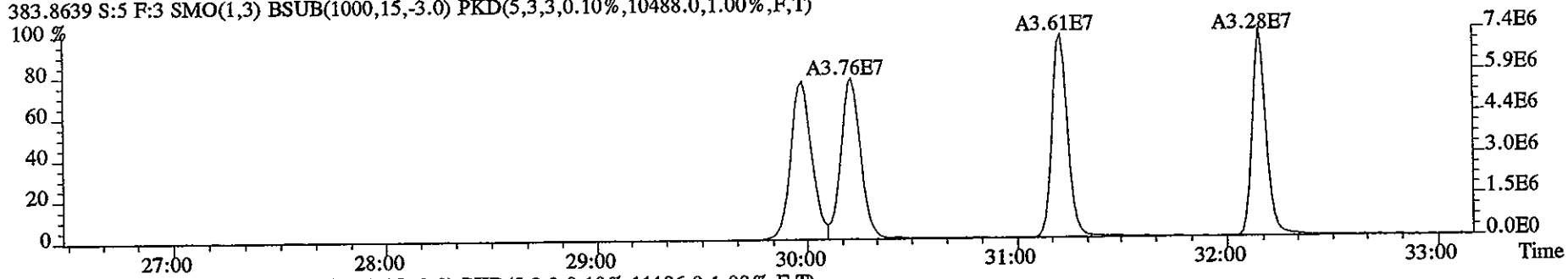
File:09DE051D5 #1-450 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
373.8208 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4524.0,1.00%,F,T)



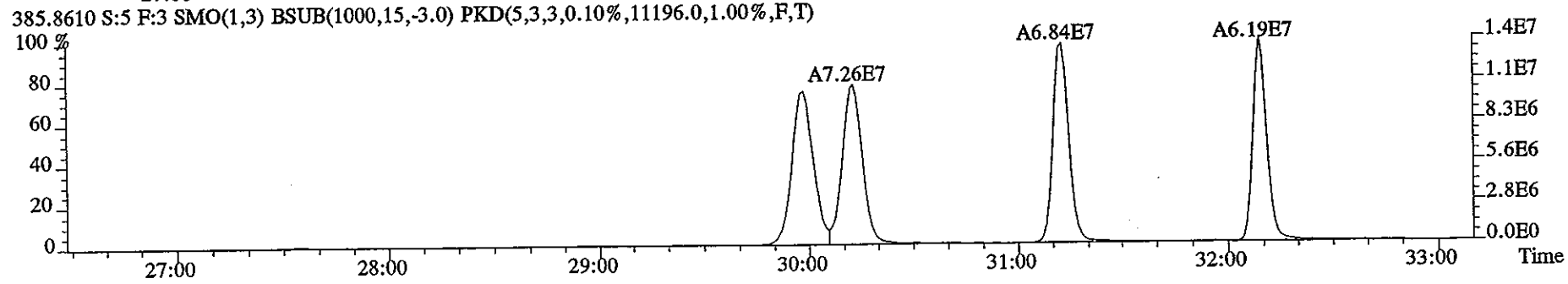
375.8178 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4552.0,1.00%,F,T)



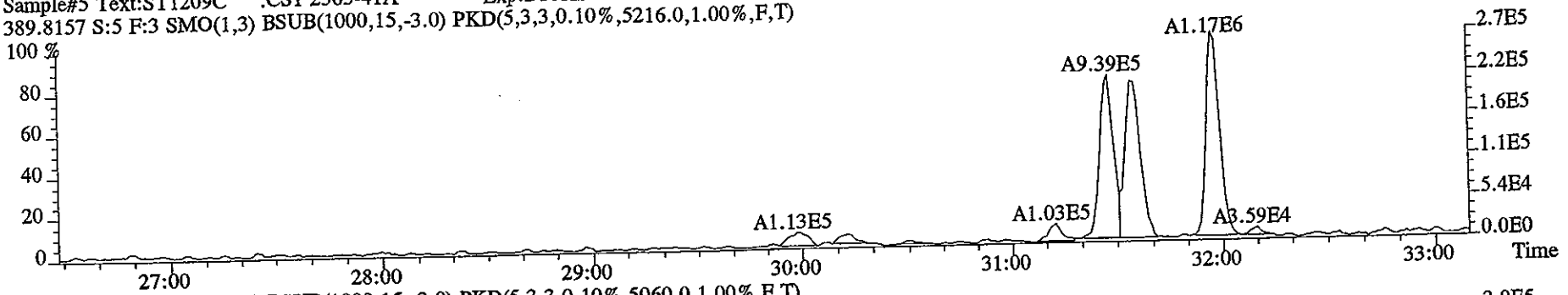
383.8639 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10488.0,1.00%,F,T)



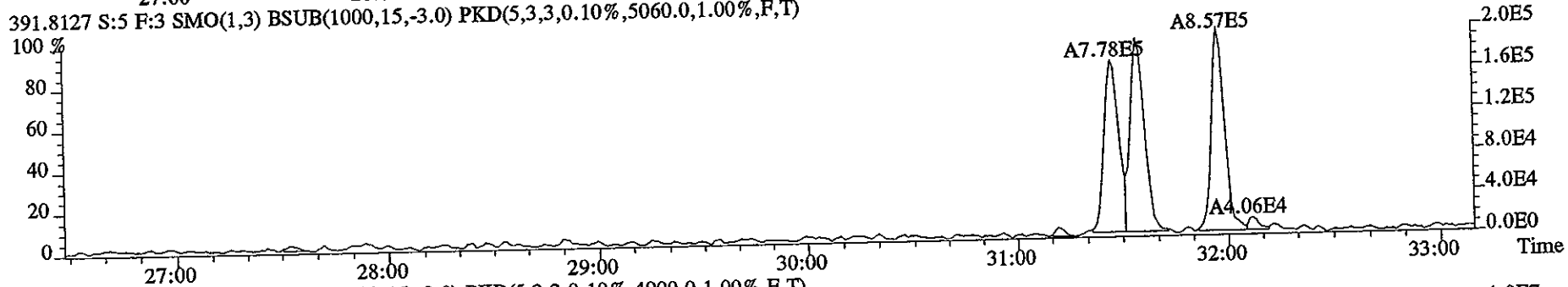
385.8610 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11196.0,1.00%,F,T)



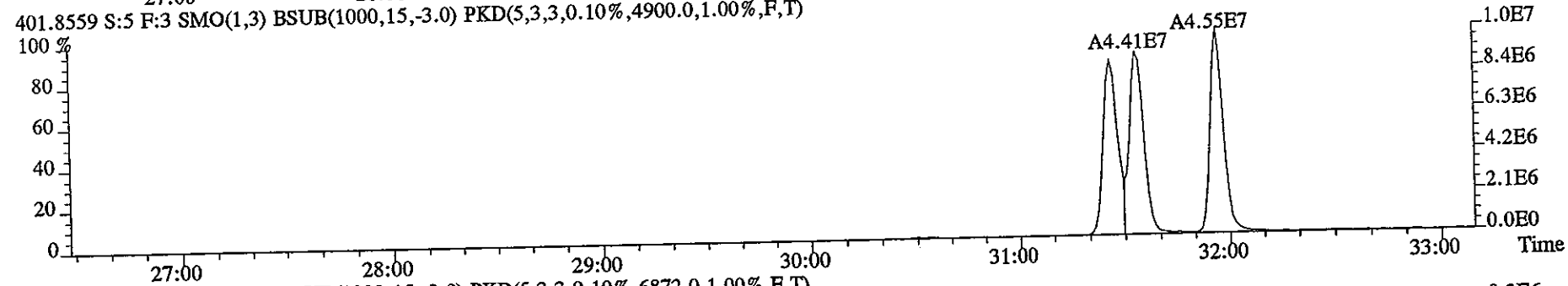
File:09DE051D5 #1-450 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
389.8157 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5216.0,1.00%,F,T)



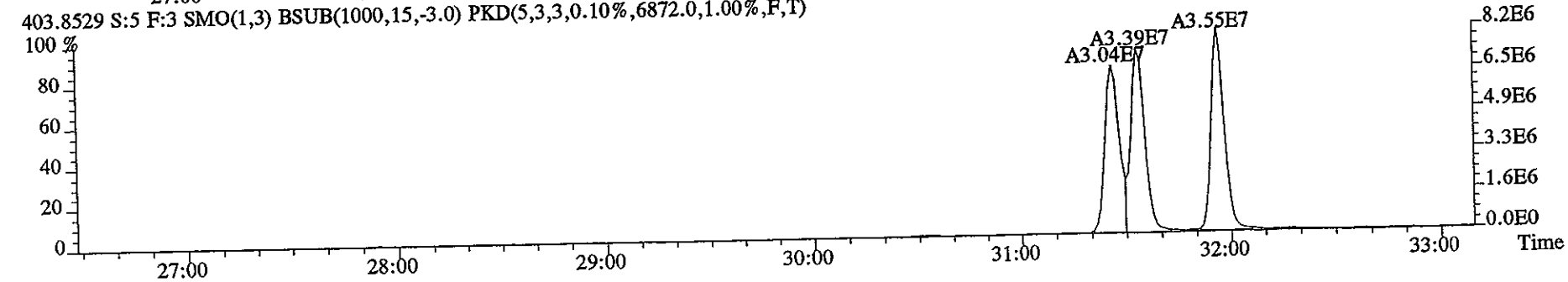
391.8127 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5060.0,1.00%,F,T)



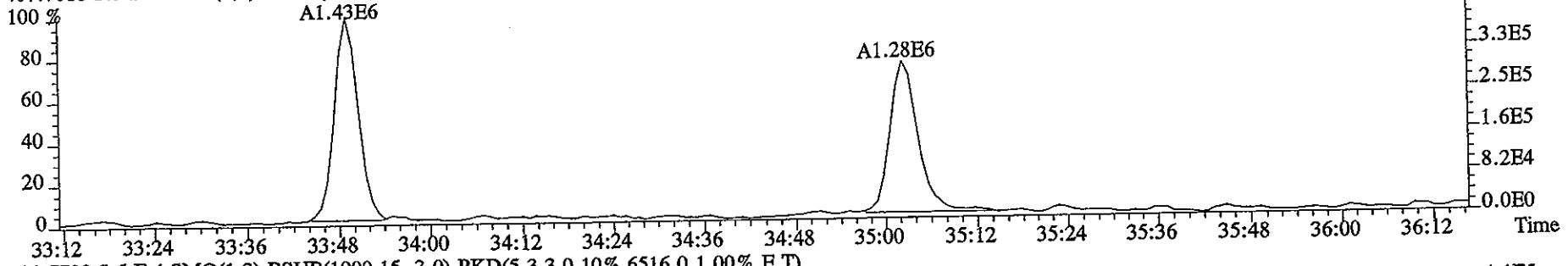
401.8559 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4900.0,1.00%,F,T)



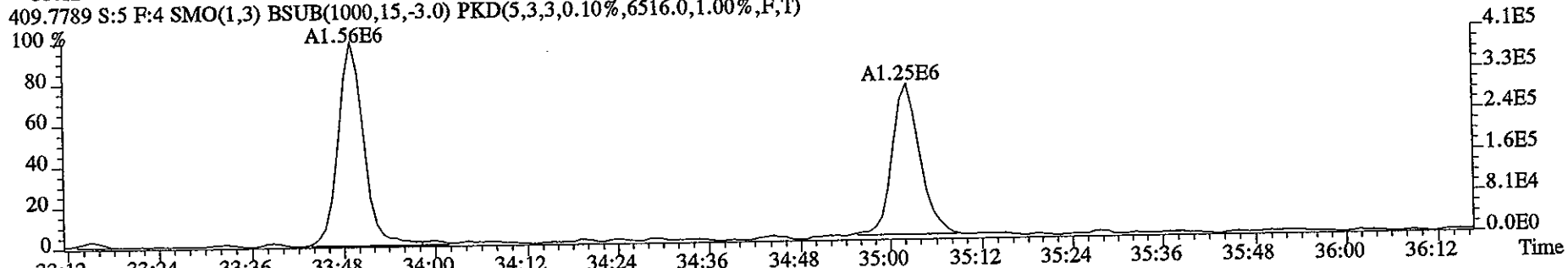
403.8529 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6872.0,1.00%,F,T)



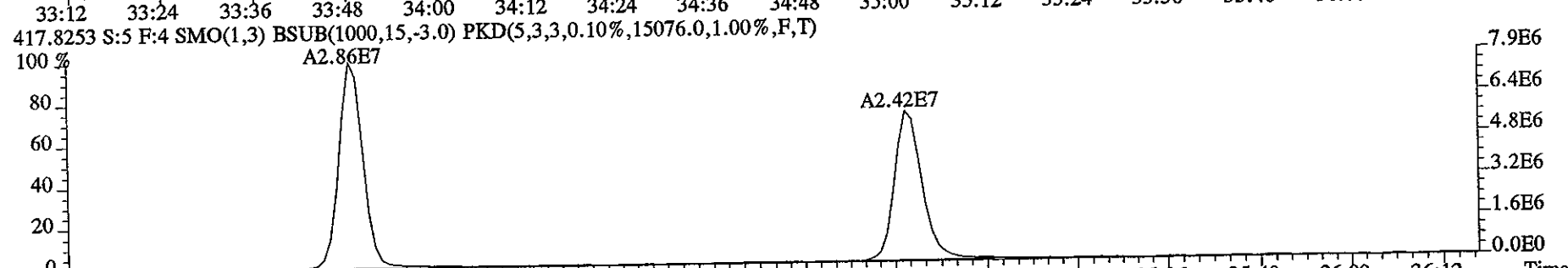
File:09DE051D5 #1-218 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
407.7818 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12100.0,1.00%,F,T)



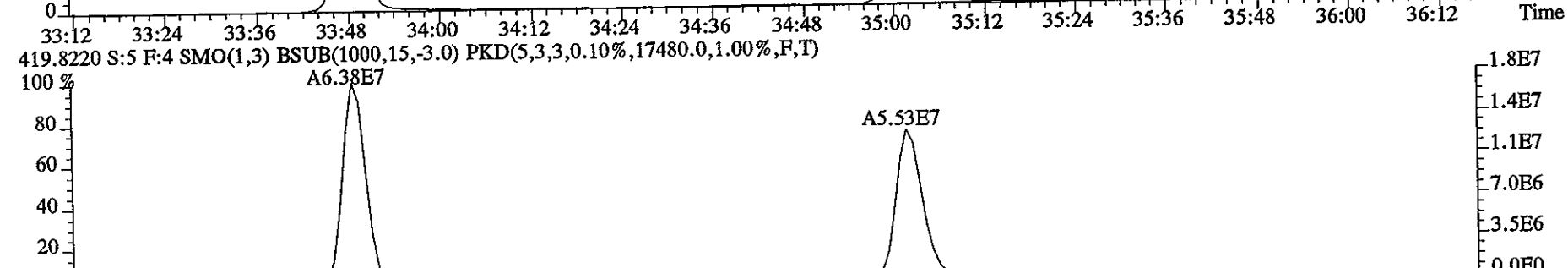
409.7789 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6516.0,1.00%,F,T)



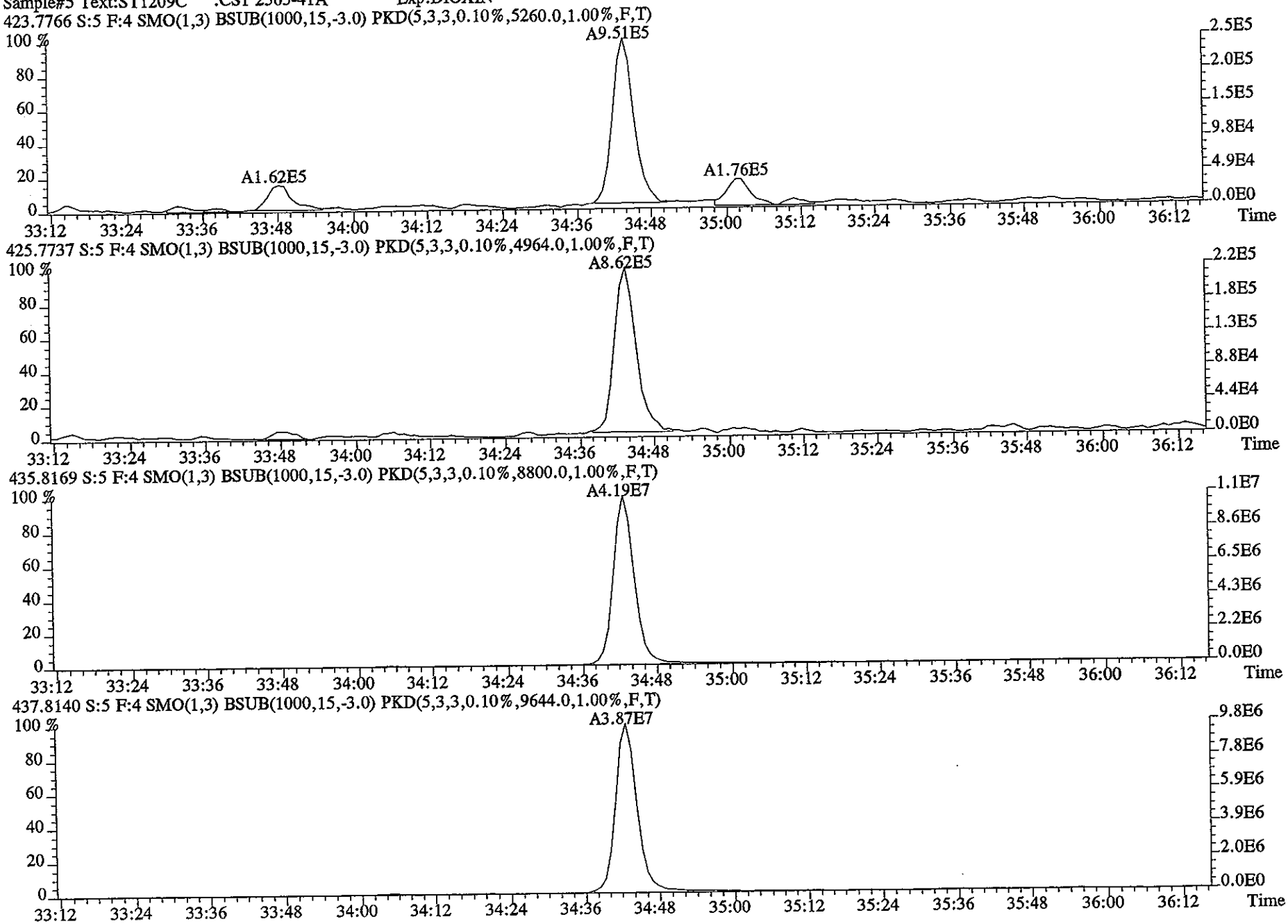
417.8253 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15076.0,1.00%,F,T)



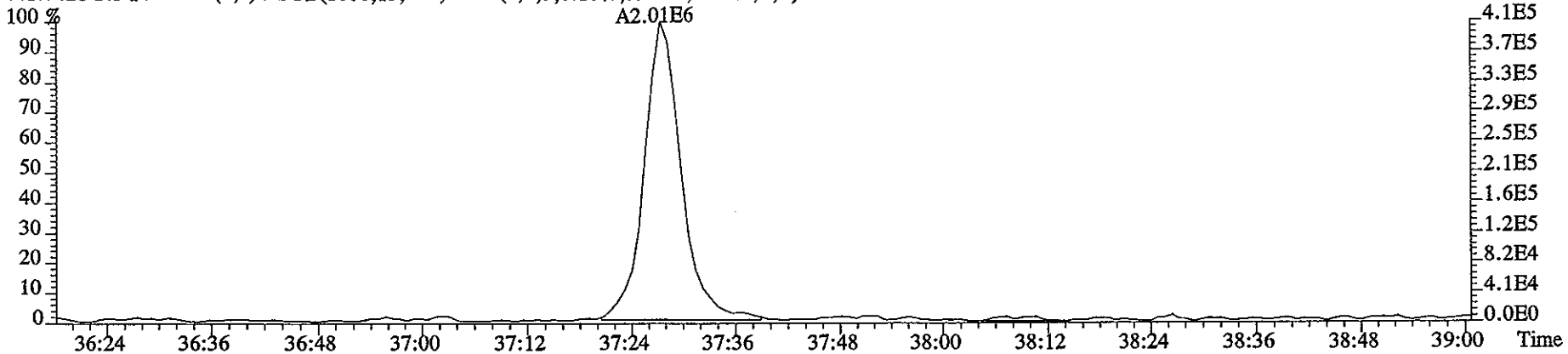
419.8220 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17480.0,1.00%,F,T)



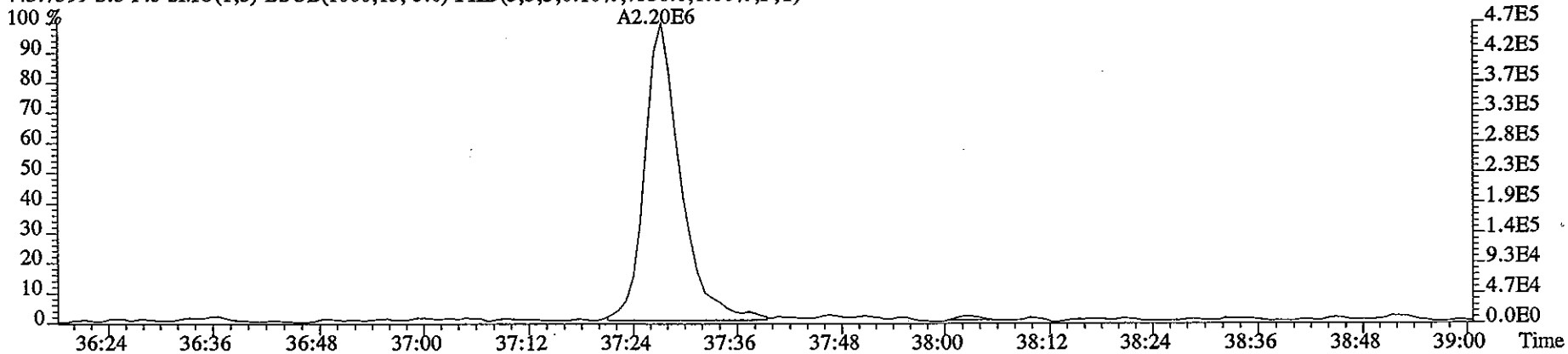
File:09DE051D5 #1-218 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN



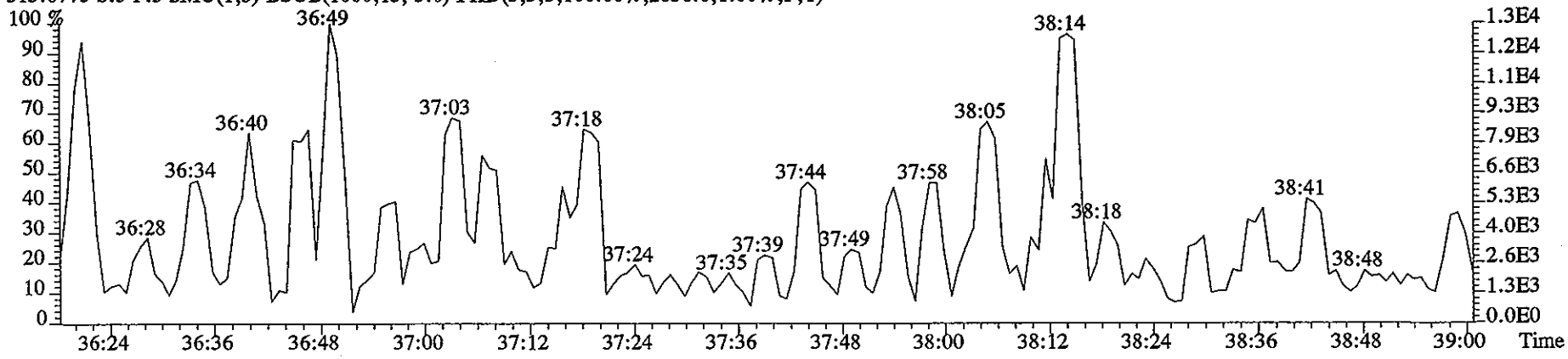
File:09DE051D5 #1-196 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
441.7428 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5924.0,1.00%,F,T)



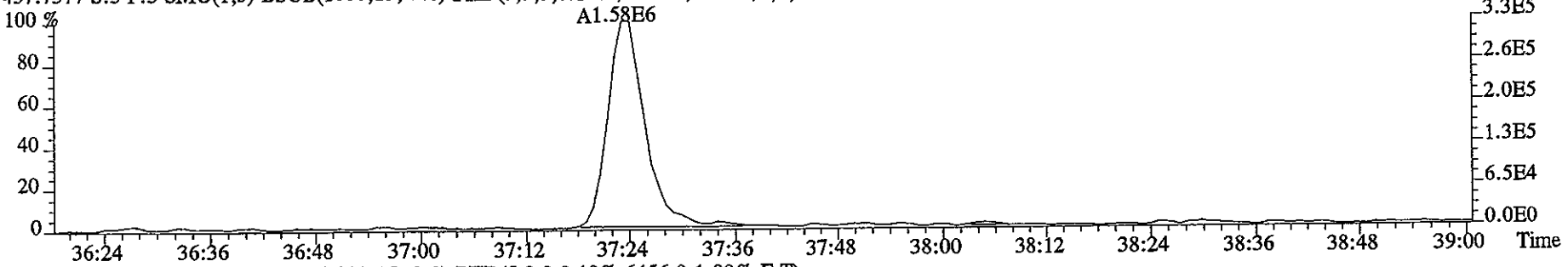
443.7399 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7536.0,1.00%,F,T)



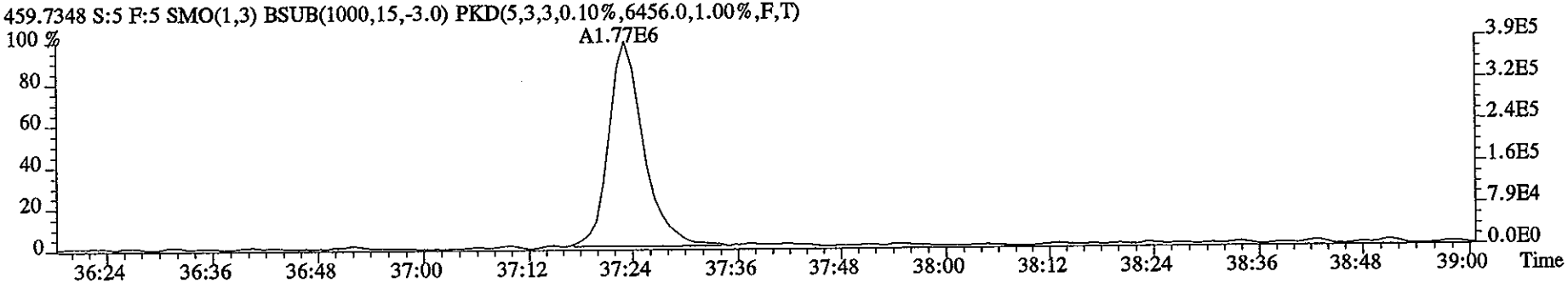
513.6775 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2856.0,1.00%,F,T)



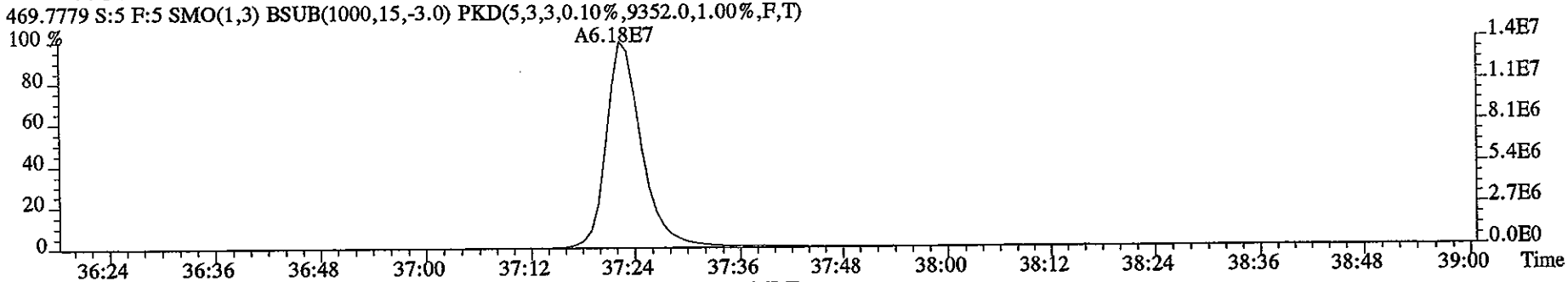
File:09DE051D5 #1-196 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
457.7377 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5060.0,1.00%,F,T)



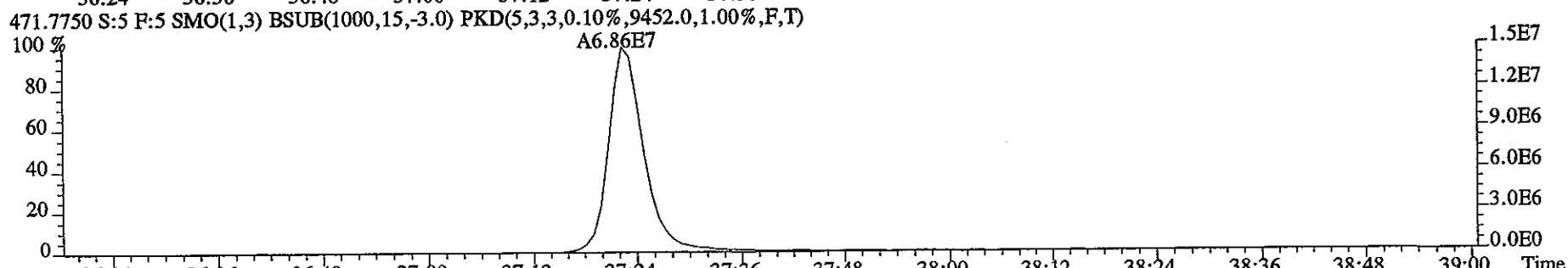
459.7348 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6456.0,1.00%,F,T)



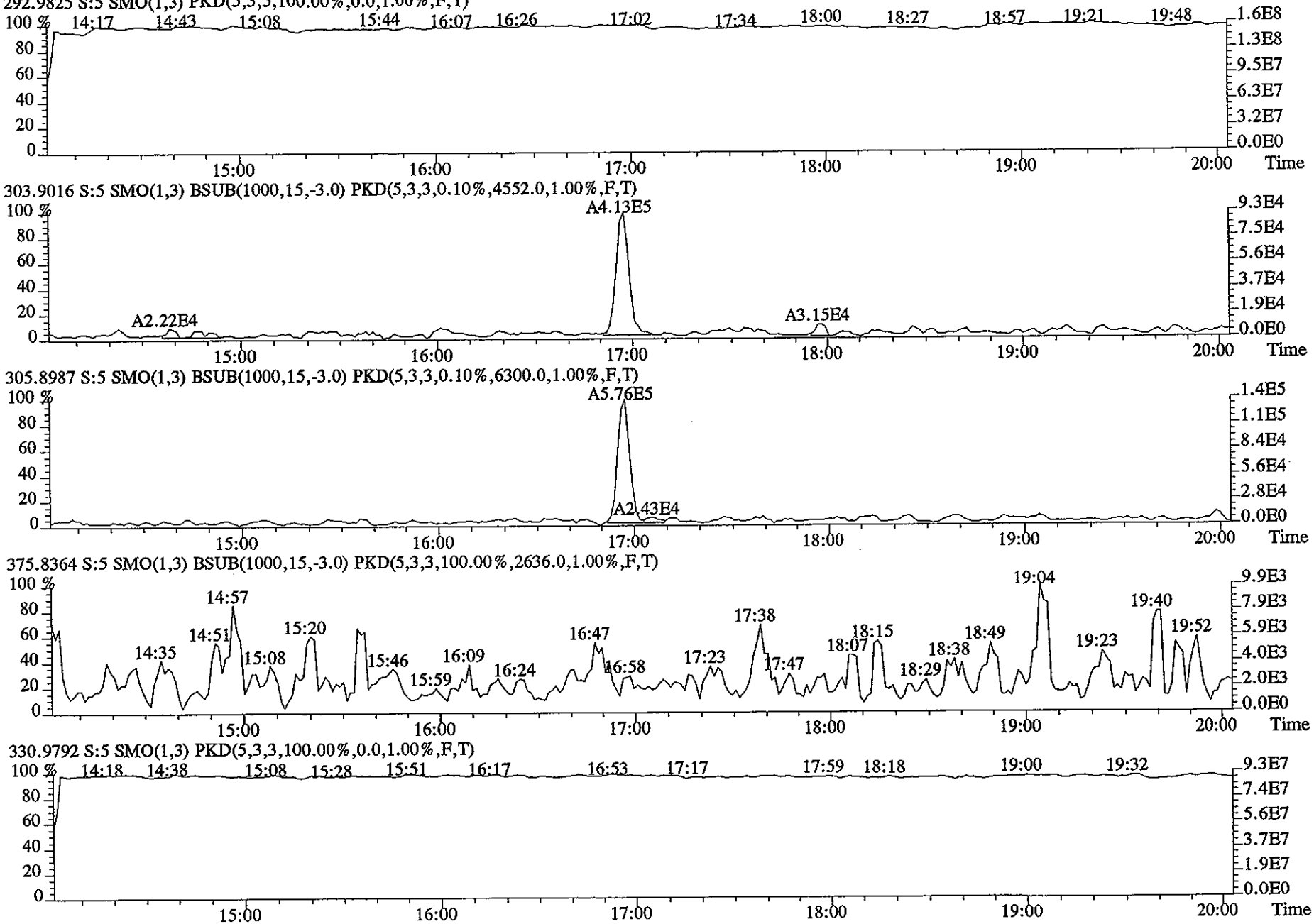
469.7779 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9352.0,1.00%,F,T)



471.7750 S:5 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9452.0,1.00%,F,T)

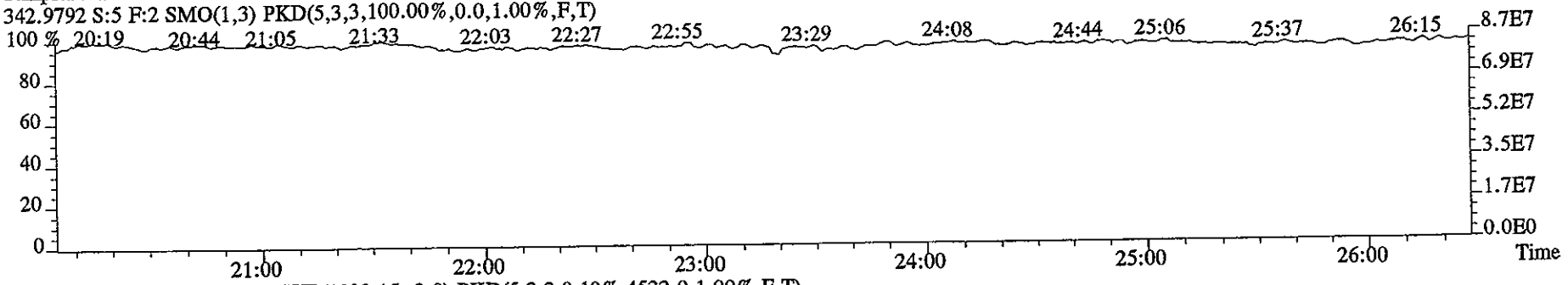


File:09DE051D5 #1-328 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN

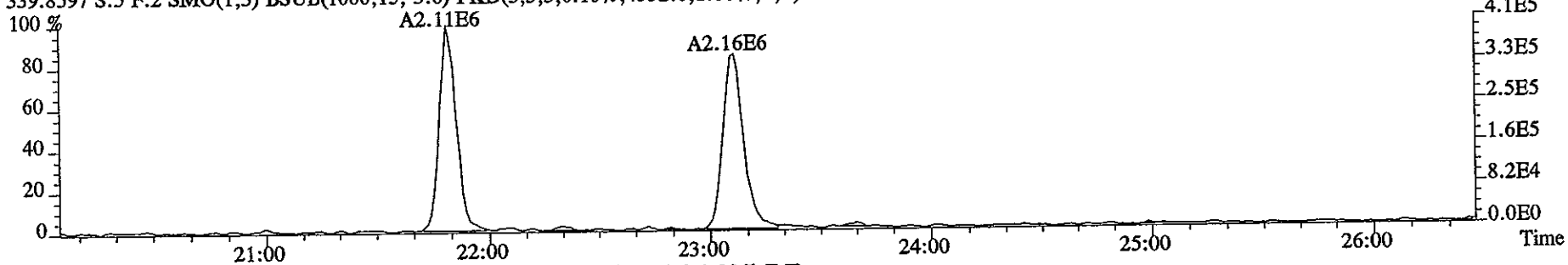


File:09DE051D5 #1-449 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN

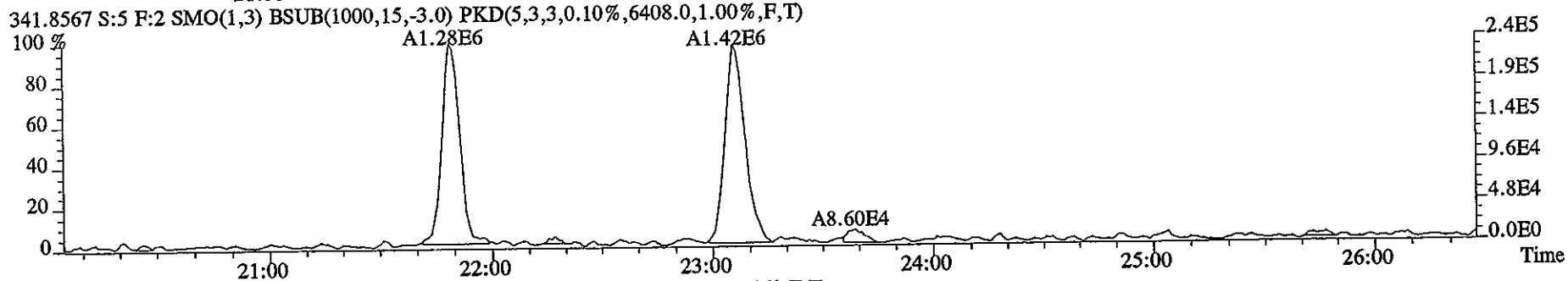
342.9792 S:5 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



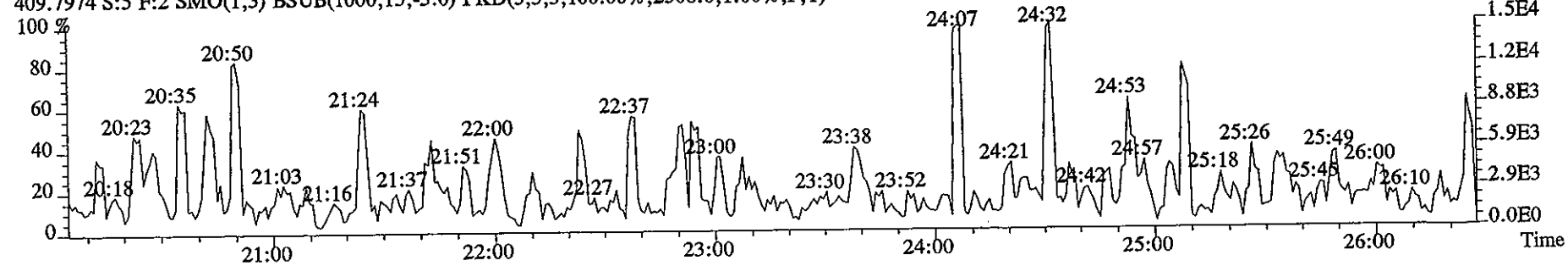
339.8597 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4532.0,1.00%,F,T)



341.8567 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6408.0,1.00%,F,T)

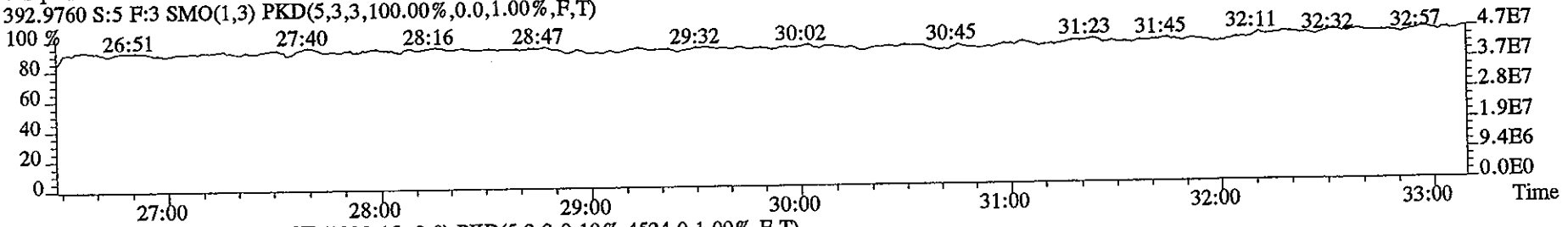


409.7974 S:5 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2508.0,1.00%,F,T)

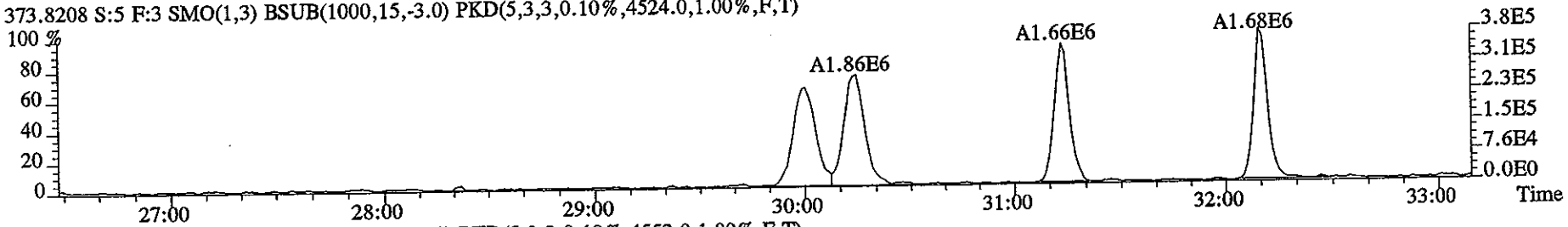


File:09DE051D5 #1-450 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN

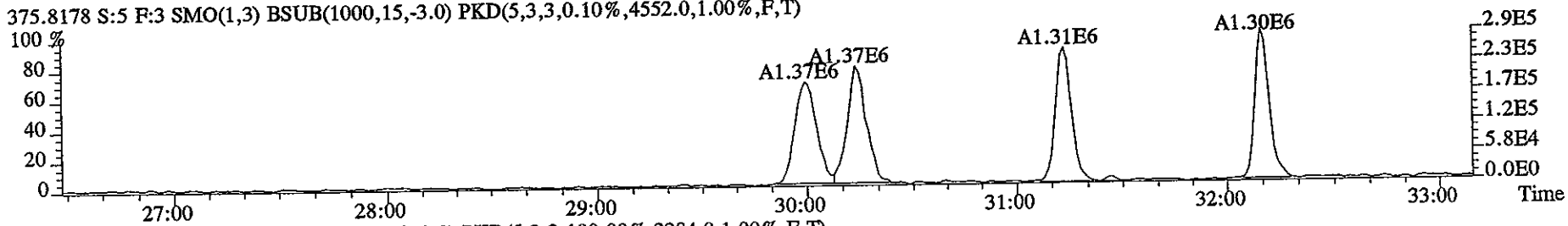
392.9760 S:5 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



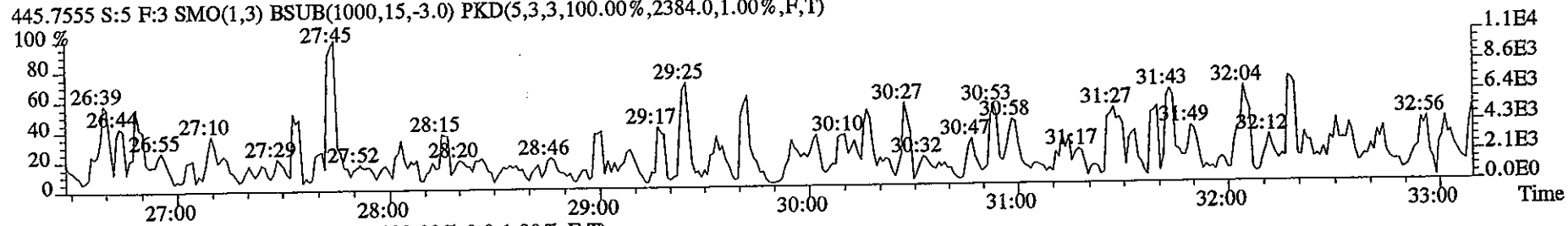
373.8208 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4524.0,1.00%,F,T)



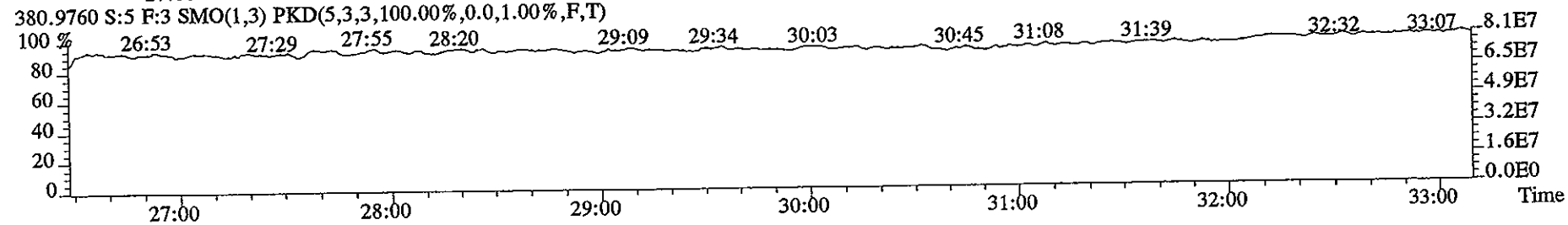
375.8178 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4552.0,1.00%,F,T)



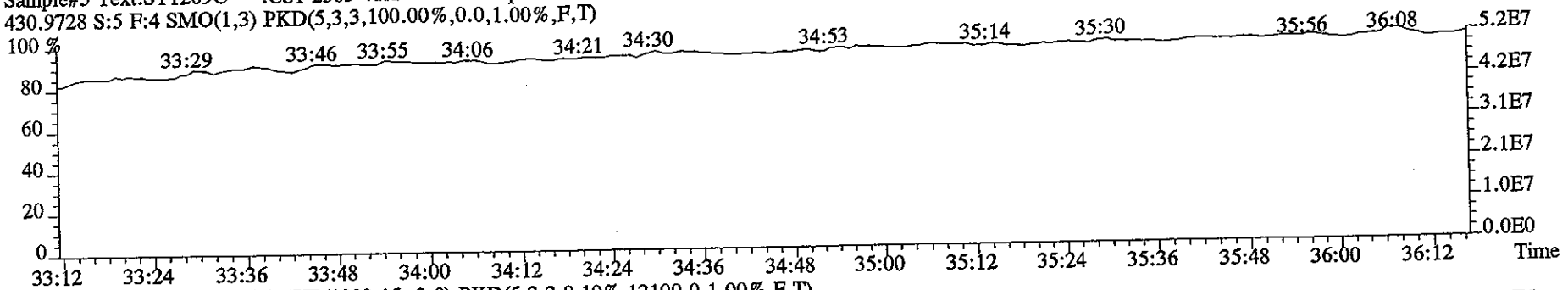
445.7555 S:5 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2384.0,1.00%,F,T)



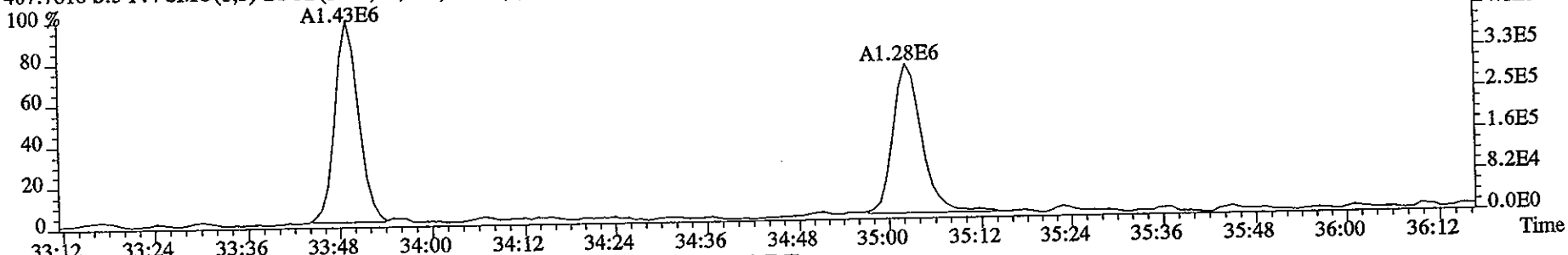
380.9760 S:5 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



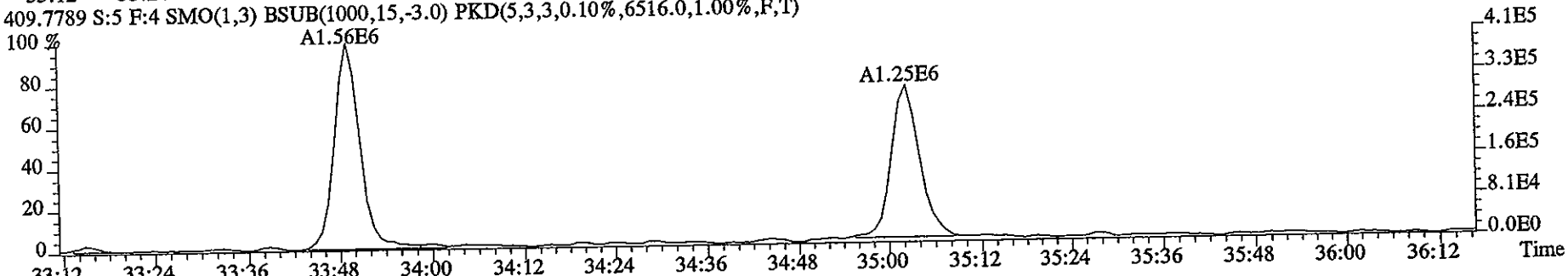
File:09DE051D5 #1-218 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
430.9728 S:5 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



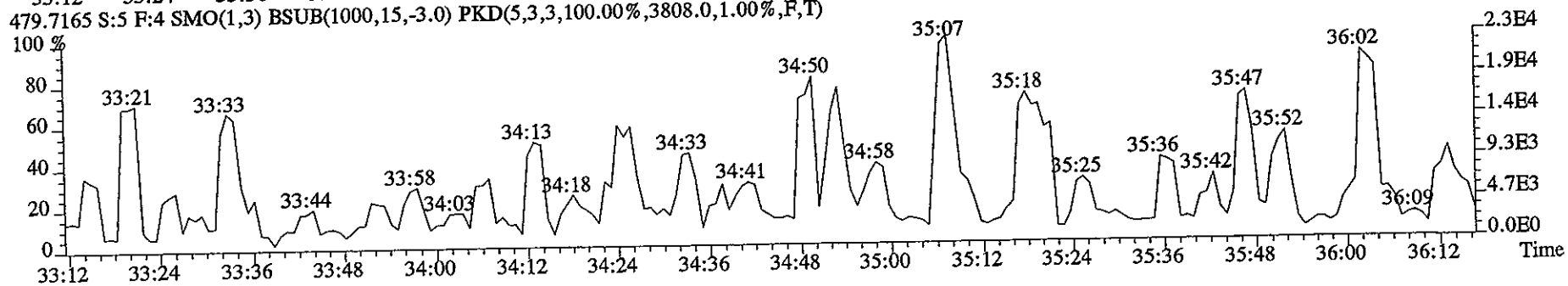
407.7818 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12100.0,1.00%,F,T)



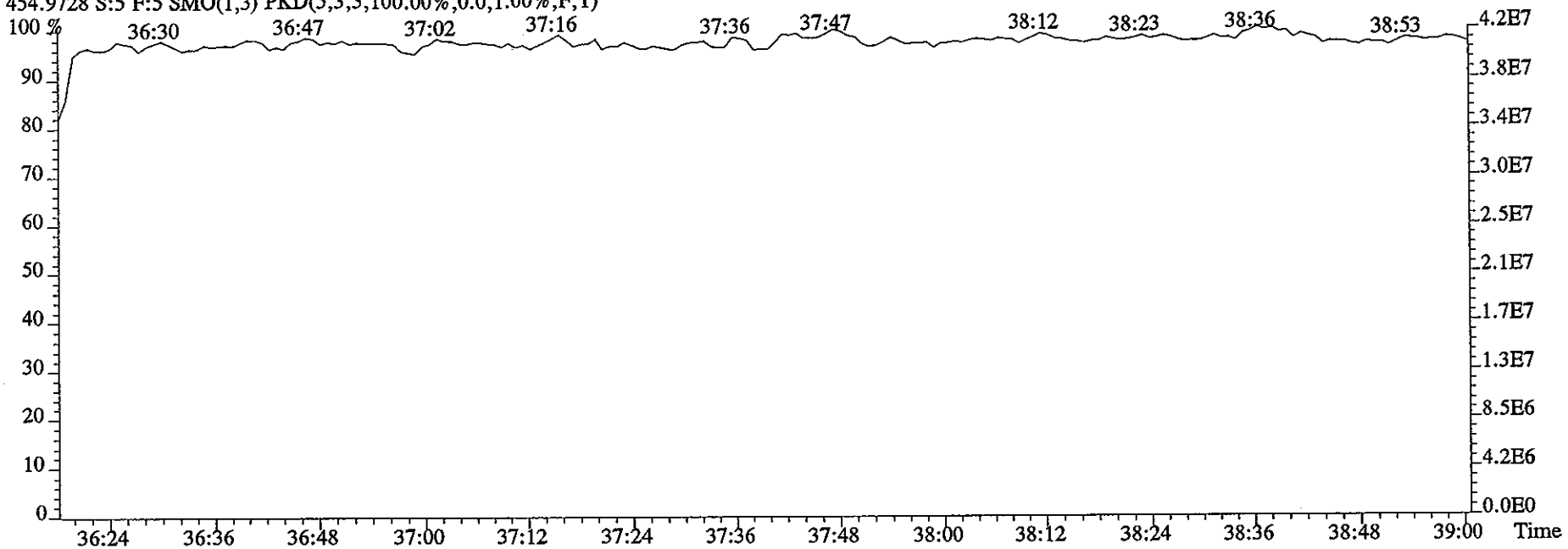
409.7789 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6516.0,1.00%,F,T)



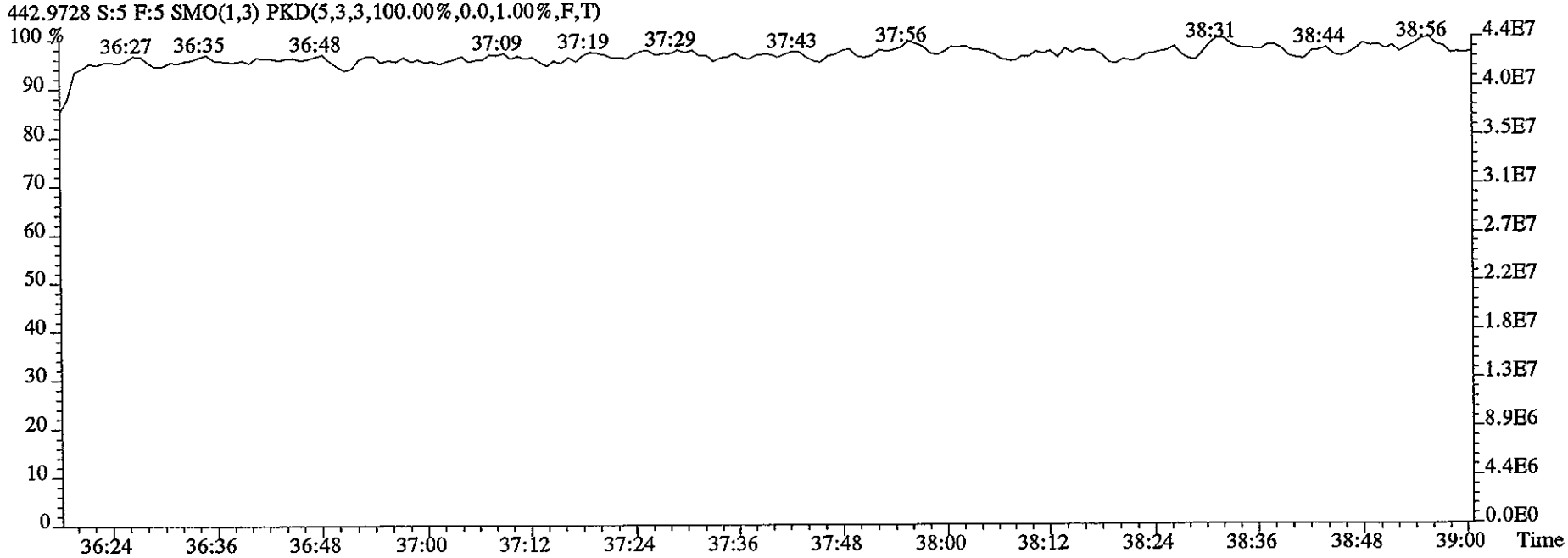
479.7165 S:5 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3808.0,1.00%,F,T)



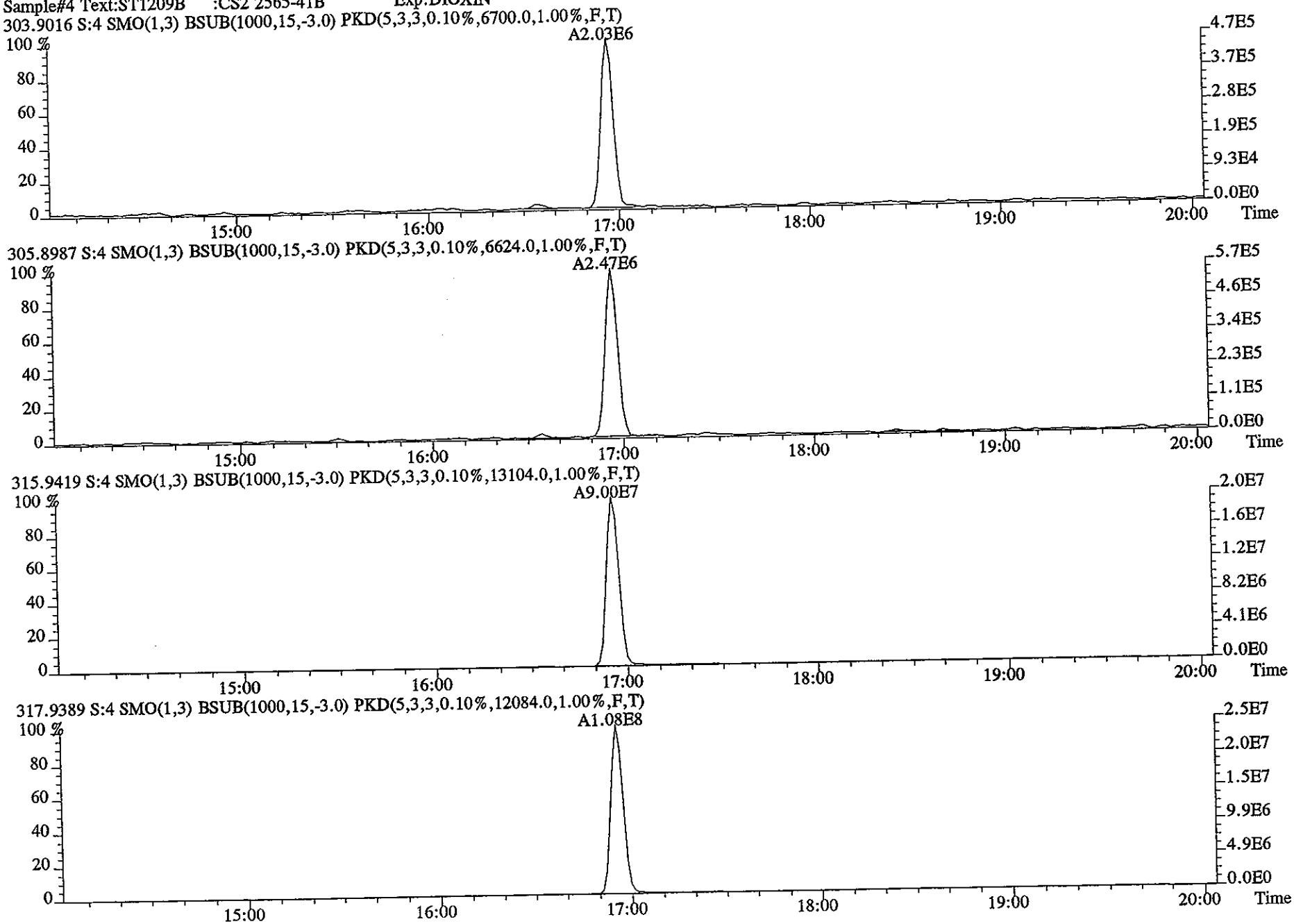
File:09DE051D5 #1-196 Acq: 9-DEC-2005 11:41:21 GC EI+ Voltage SIR 70SE
Sample#5 Text:ST1209C :CS1 2565-41A Exp:DIOXIN
454.9728 S:5 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:5 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

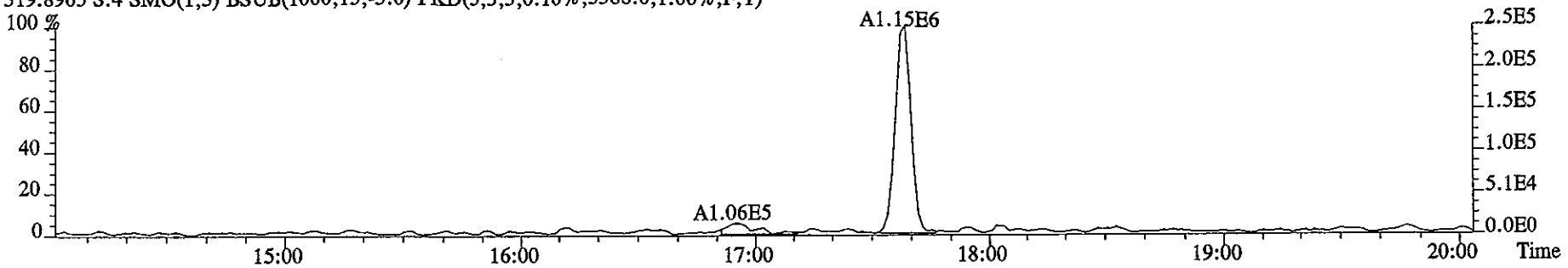


File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN

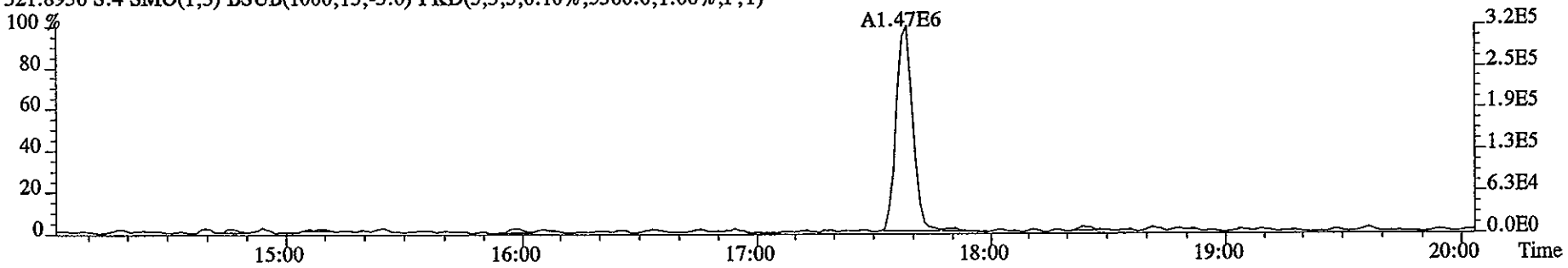


File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN

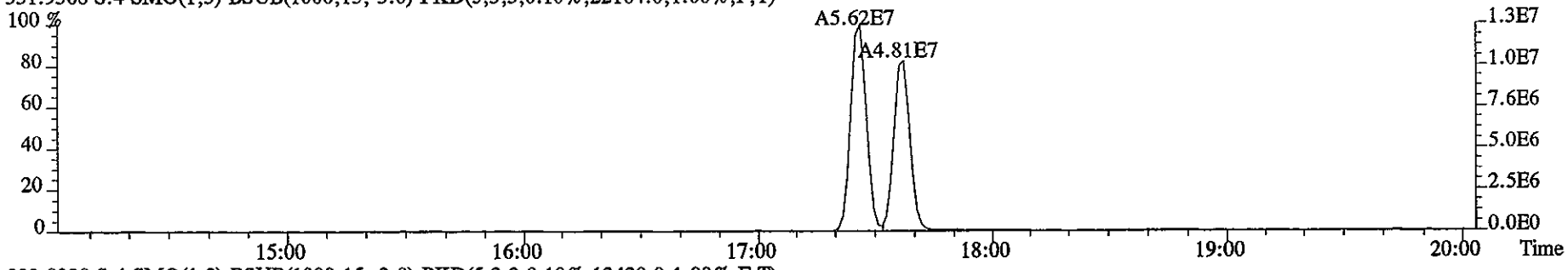
319.8965 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5388.0,1.00%,F,T)



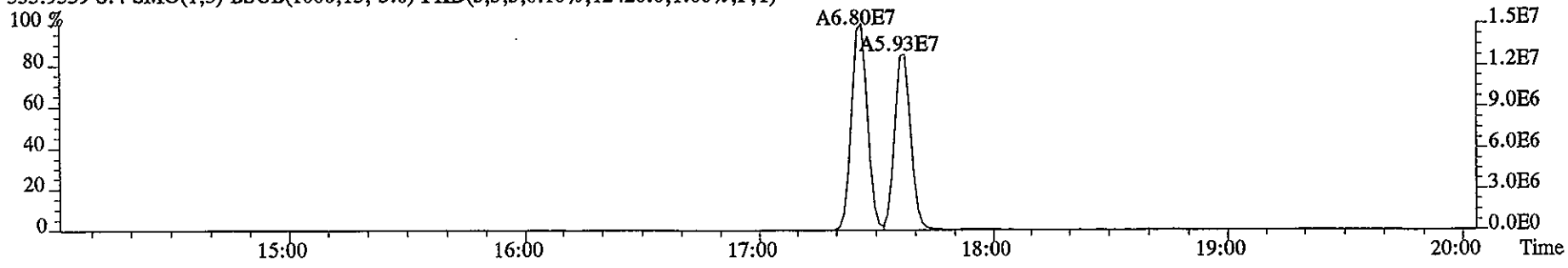
321.8936 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5360.0,1.00%,F,T)

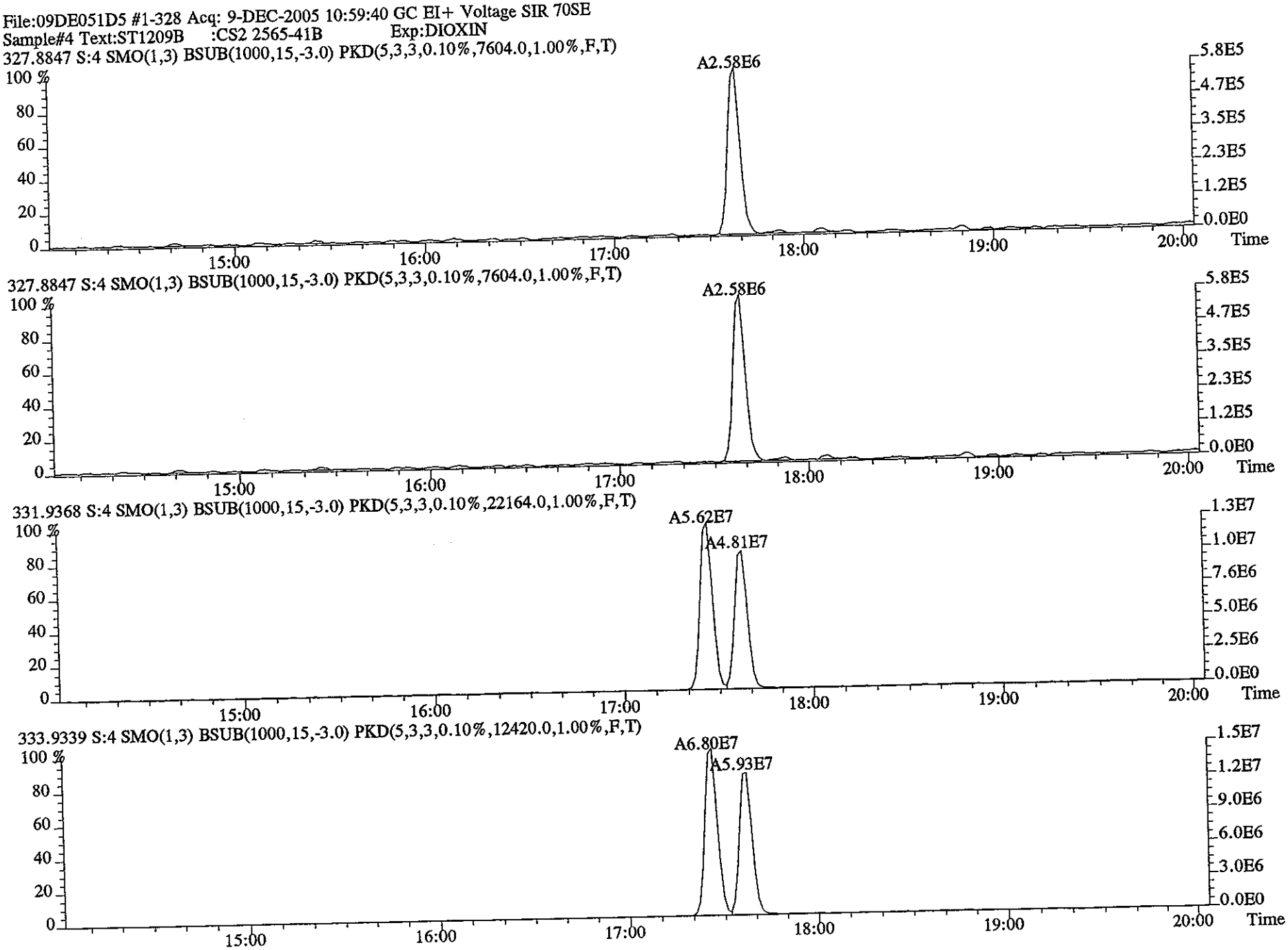


331.9368 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,22164.0,1.00%,F,T)

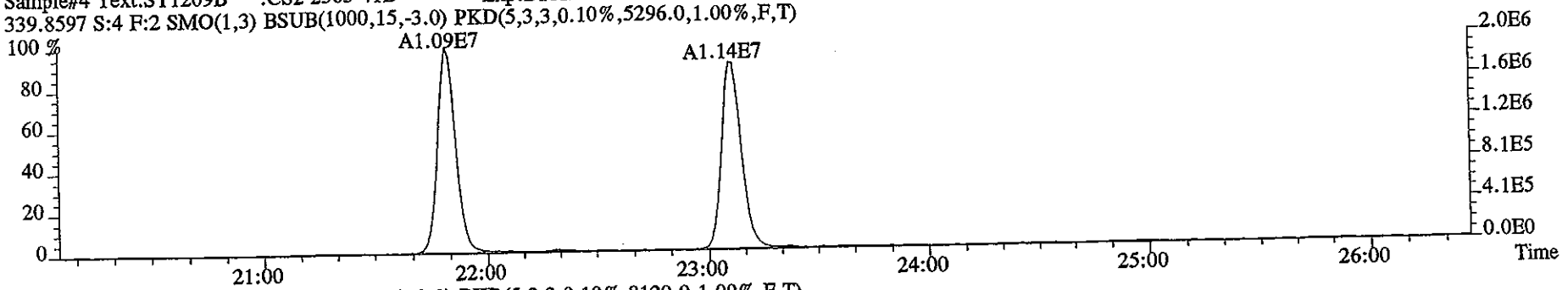


333.9339 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12420.0,1.00%,F,T)

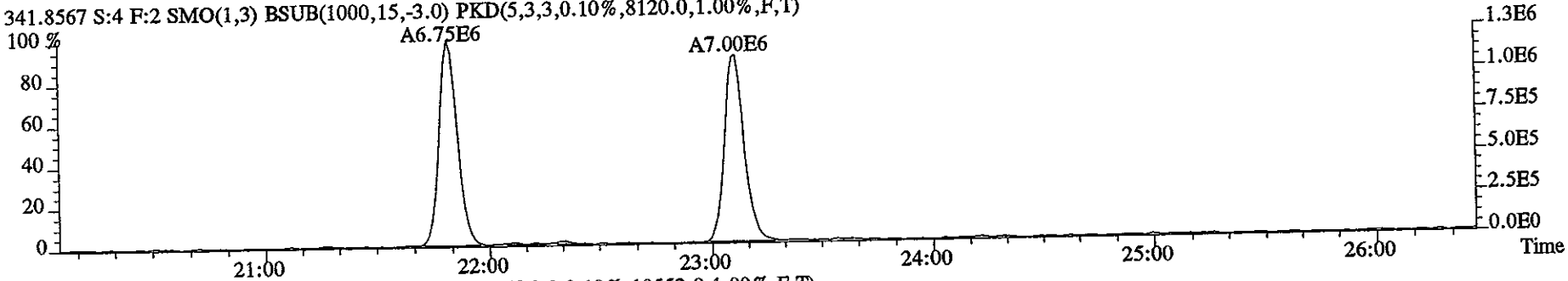



File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
327.8847 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7604.0,1.00%,F,T)
A2.58E6
5.8E5
4.7E5
3.5E5
2.3E5
1.2E5
0.0E0
100 %
80
60
40
20
0
15:00
16:00
17:00
18:00
19:00
20:00
Time
327.8847 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7604.0,1.00%,F,T)
A2.58E6
331.9368 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,22164.0,1.00%,F,T)
A5.62E7
A4.81E7
1.3E7
1.0E7
7.6E6
5.0E6
2.5E6
333.9339 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12420.0,1.00%,F,T)
A6.80E7
A5.93E7
1.5E7
1.2E7
9.0E6
6.0E6
3.0E6

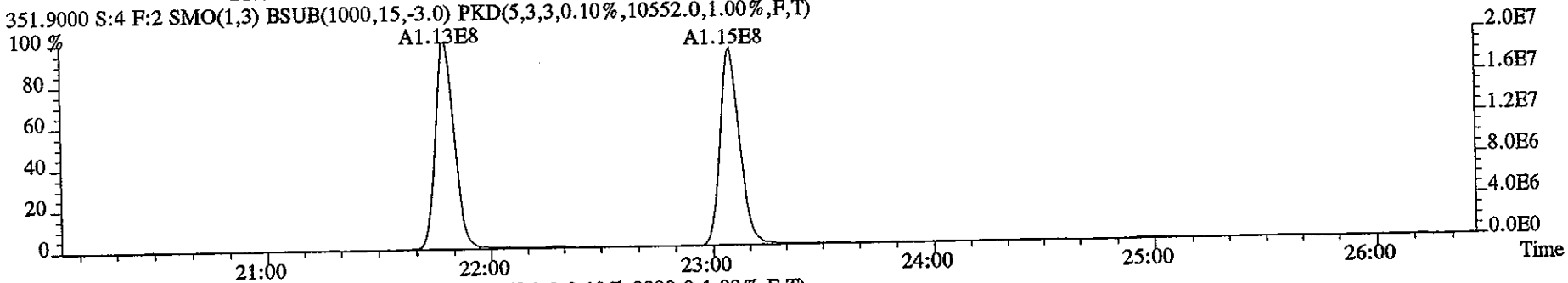
File:09DE051D5 #1-448 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
339.8597 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5296.0,1.00%,F,T)



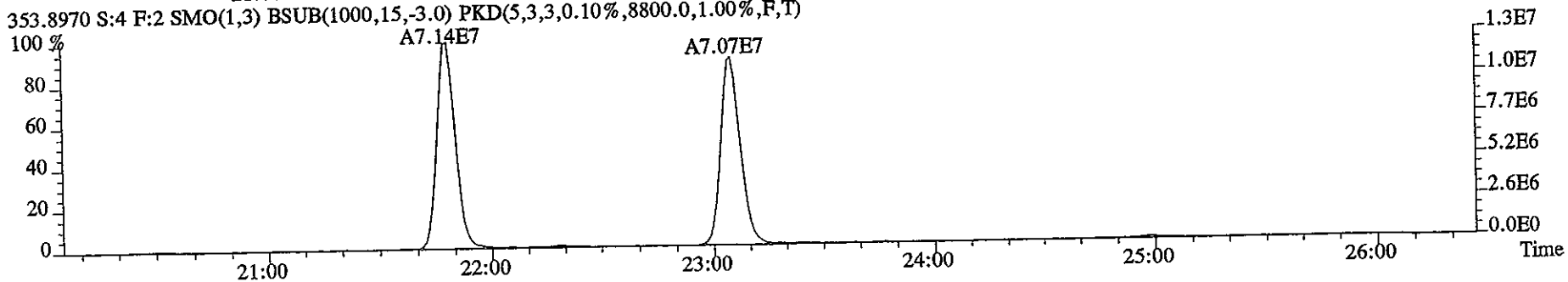
341.8567 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8120.0,1.00%,F,T)

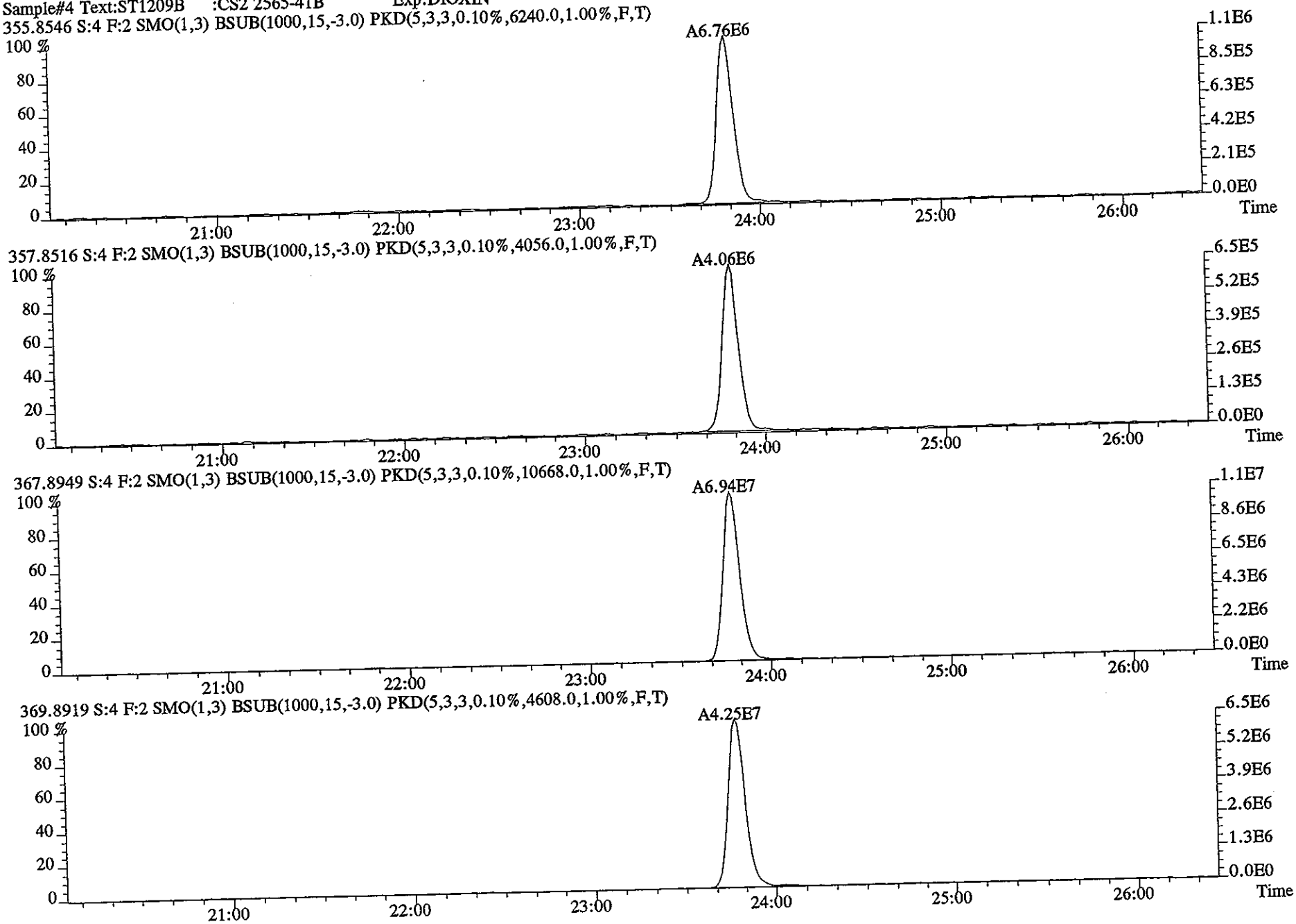


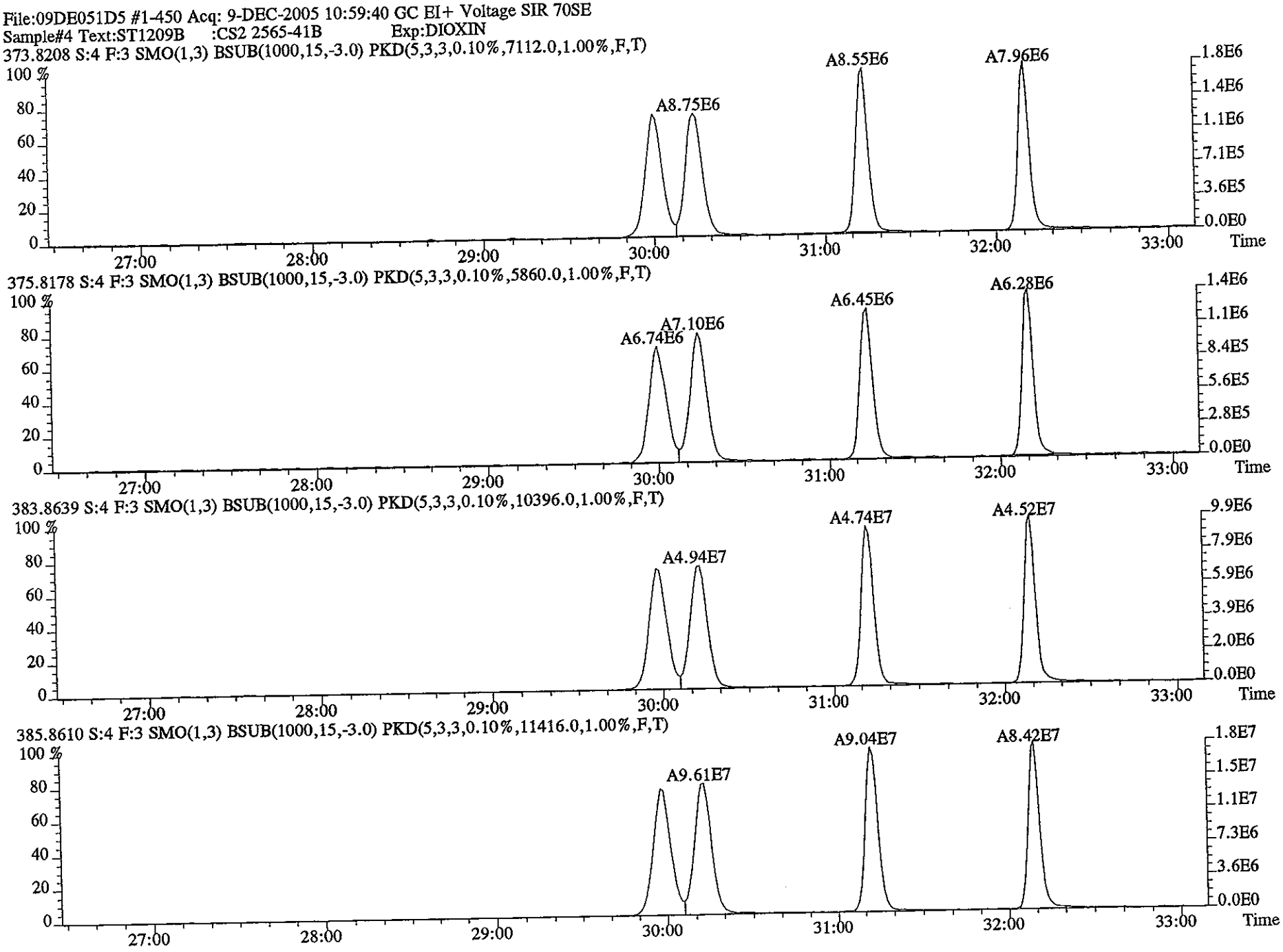
351.9000 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10552.0,1.00%,F,T)



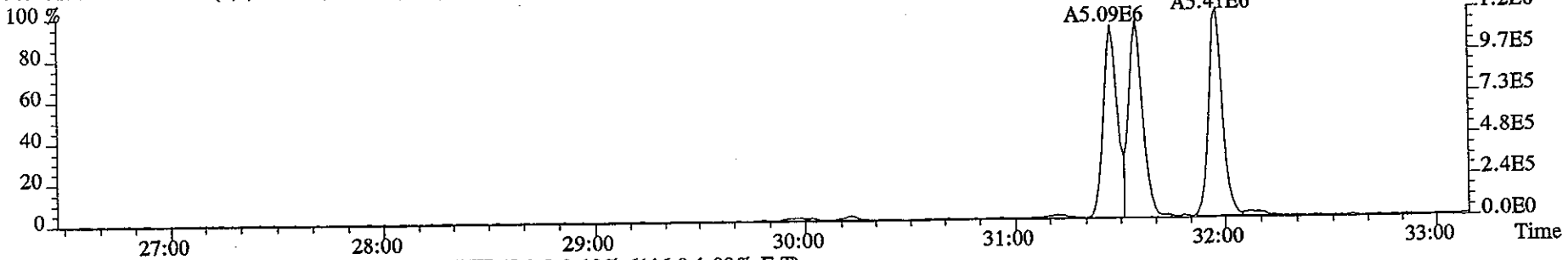
353.8970 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8800.0,1.00%,F,T)



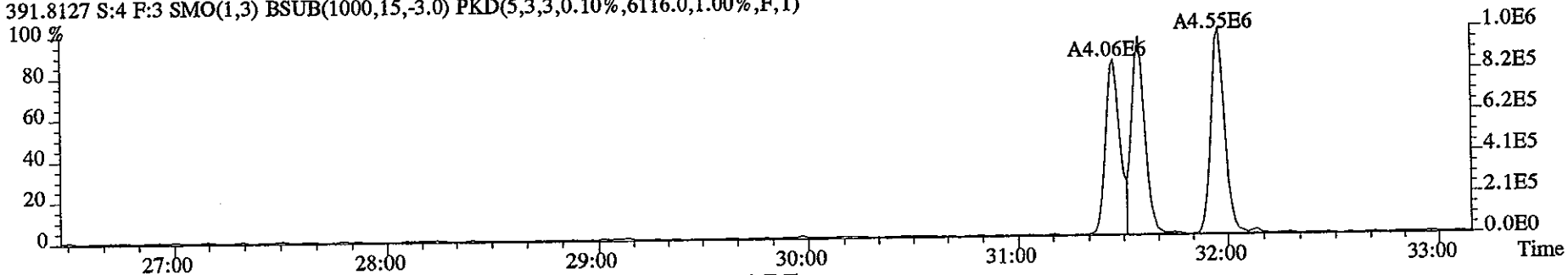

File:09DE051D5 #1-448 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
355.8546 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6240.0,1.00%,F,T)
A6.76E6
357.8516 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4056.0,1.00%,F,T)
A4.06E6
367.8949 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10668.0,1.00%,F,T)
A6.94E7
369.8919 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4608.0,1.00%,F,T)
A4.25E7
100 %
80
60
40
20
0
21:00
22:00
23:00
24:00
25:00
26:00
Time
1.1E6
8.5E5
6.3E5
4.2E5
2.1E5
0.0E0
6.5E5
5.2E5
3.9E5
2.6E5
1.3E5
1.1E7
8.6E6
6.5E6
4.3E6
2.2E6
6.5E6
5.2E6
3.9E6
2.6E6
1.3E6



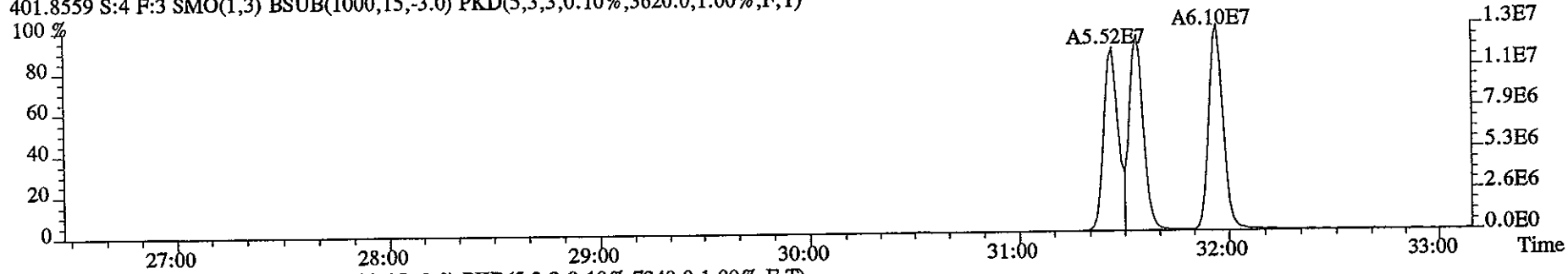
File:09DE051D5 #1-450 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
389.8157 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5248.0,1.00%,F,T)



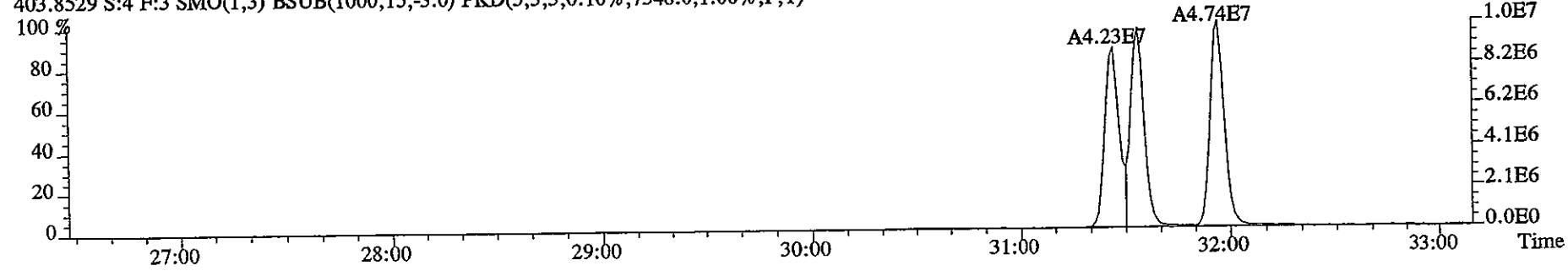
391.8127 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6116.0,1.00%,F,T)



401.8559 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3620.0,1.00%,F,T)

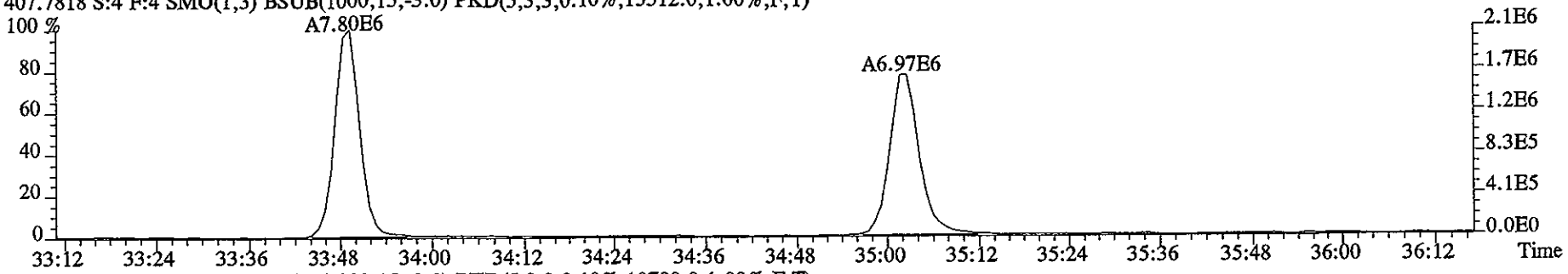


403.8529 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7348.0,1.00%,F,T)

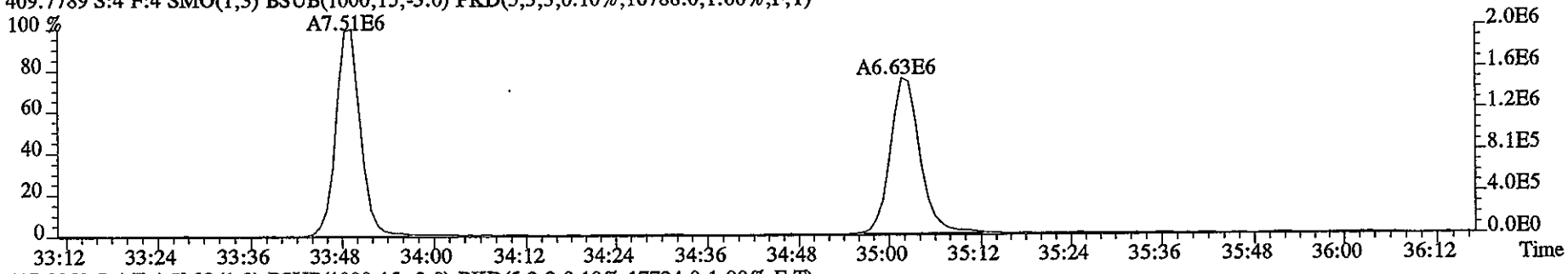


File:09DE051D5 #1-219 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN

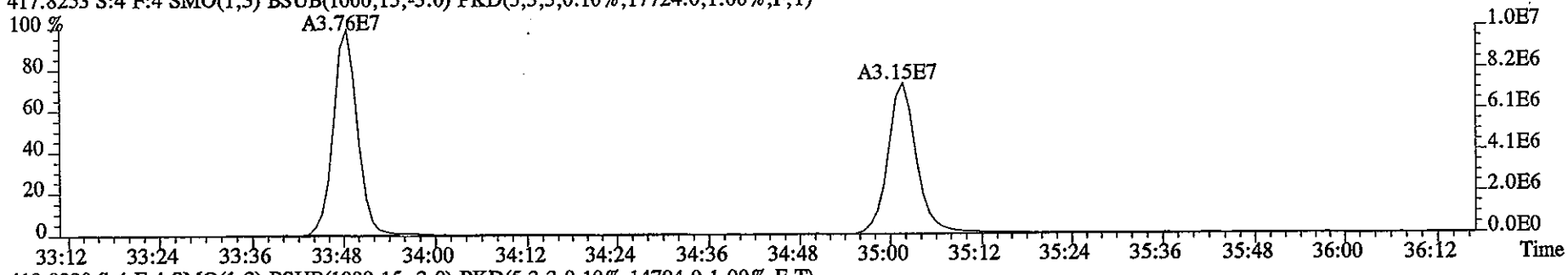
407.7818 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15512.0,1.00%,F,T)



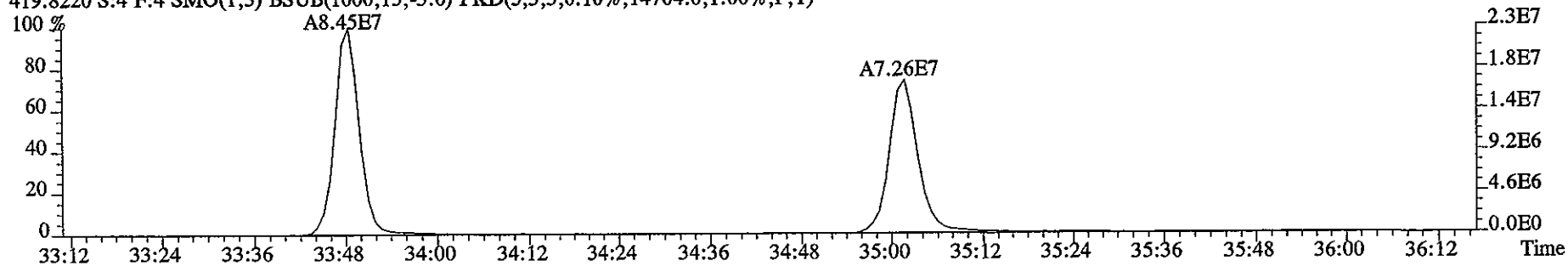
409.7789 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10788.0,1.00%,F,T)



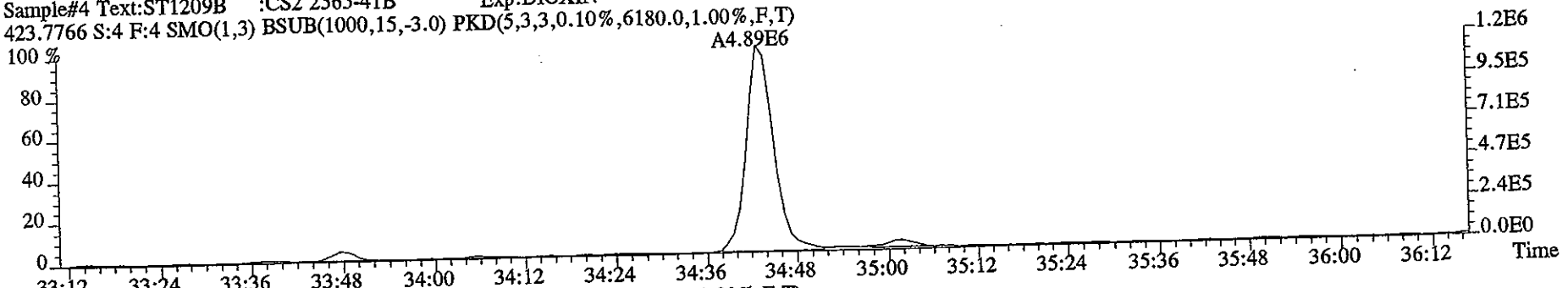
417.8253 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17724.0,1.00%,F,T)



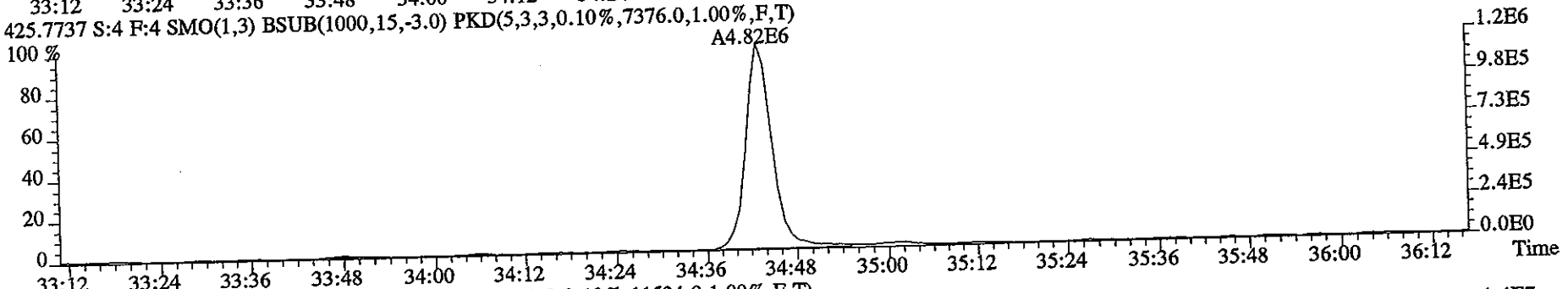
419.8220 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14704.0,1.00%,F,T)



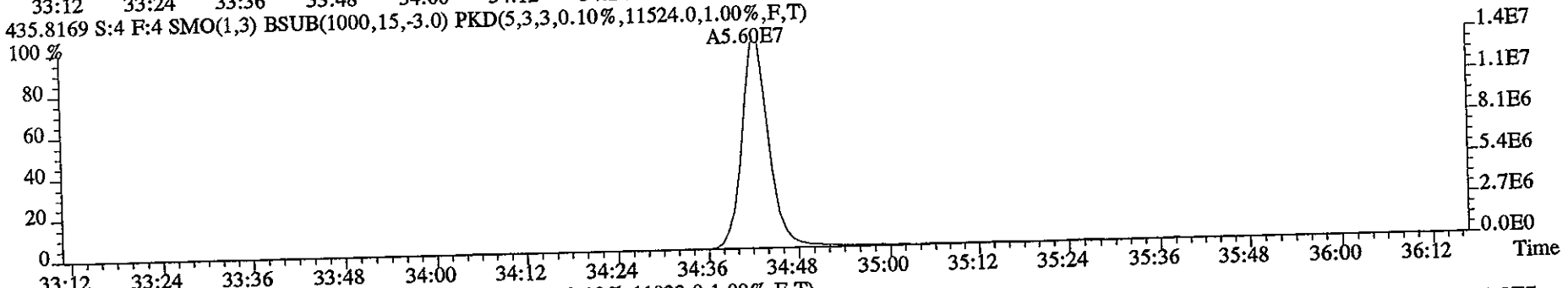
File:09DE051D5 #1-219 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
423.7766 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6180.0,1.00%,F,T)



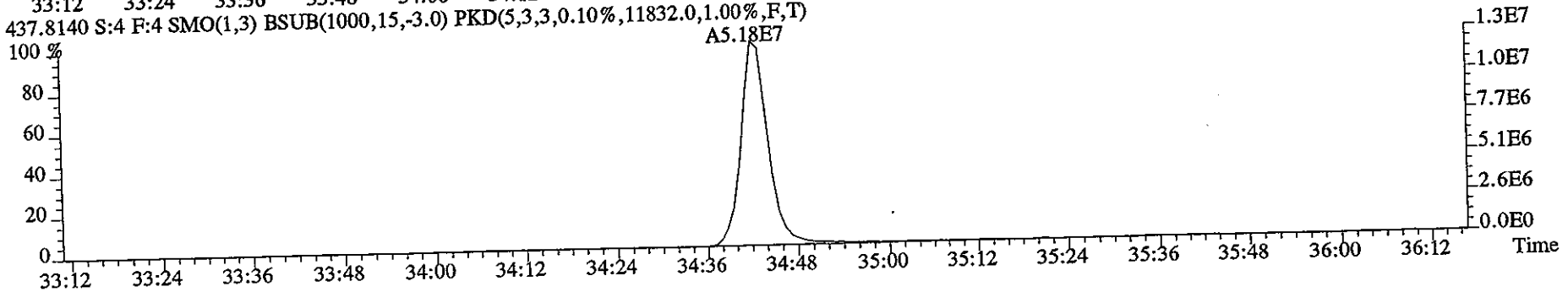
425.7737 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7376.0,1.00%,F,T)



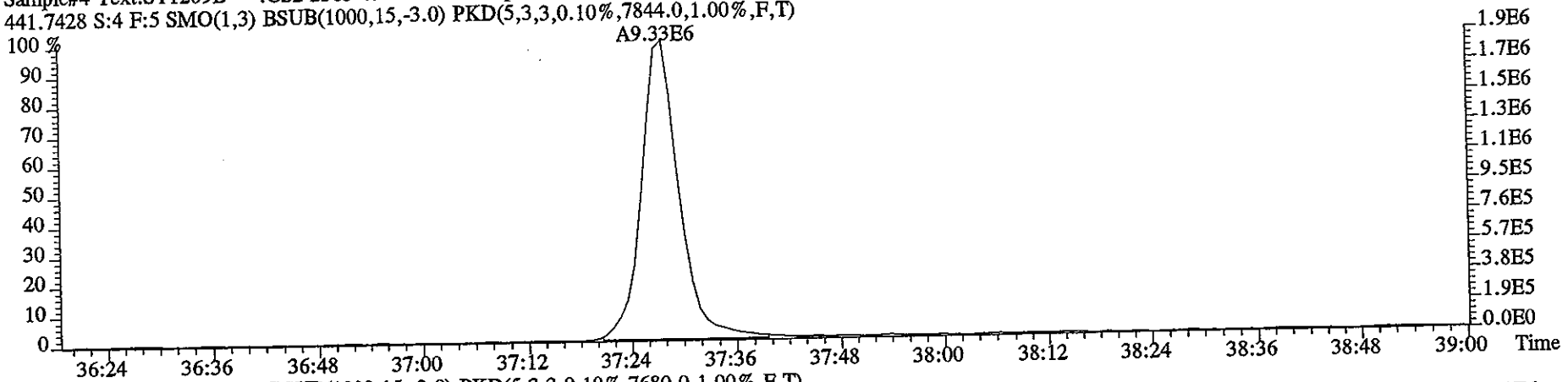
435.8169 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11524.0,1.00%,F,T)



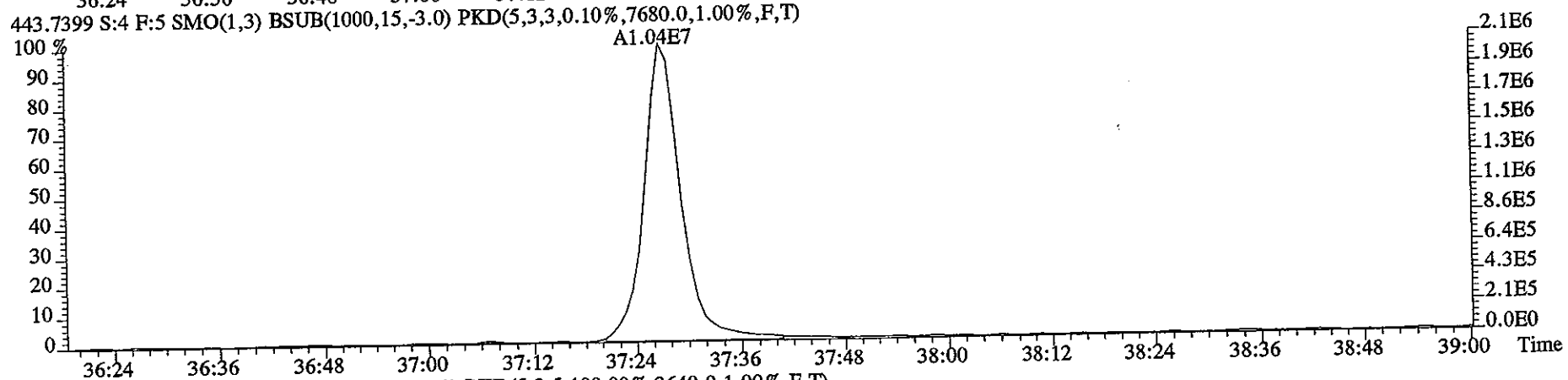
437.8140 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11832.0,1.00%,F,T)



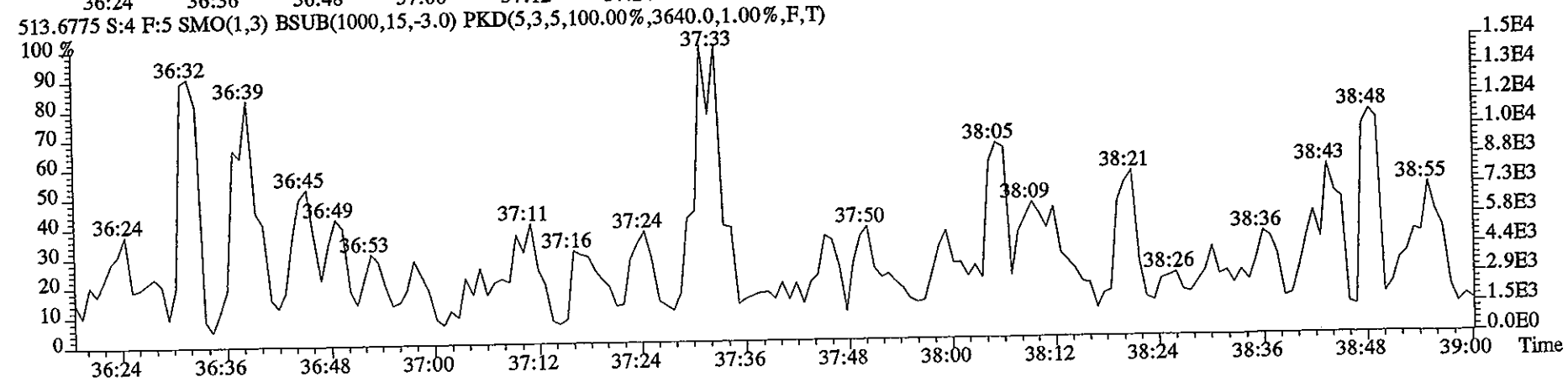
File:09DE051D5 #1-195 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
441.7428 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7844.0,1.00%,F,T)



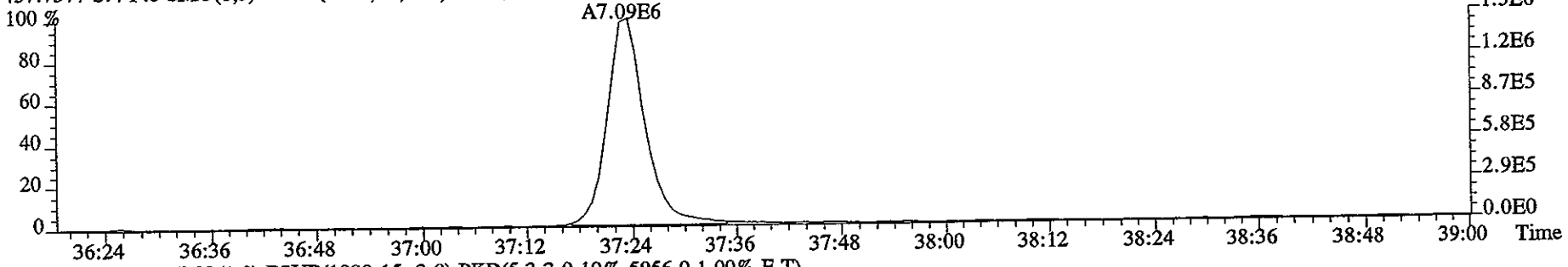
443.7399 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7680.0,1.00%,F,T)



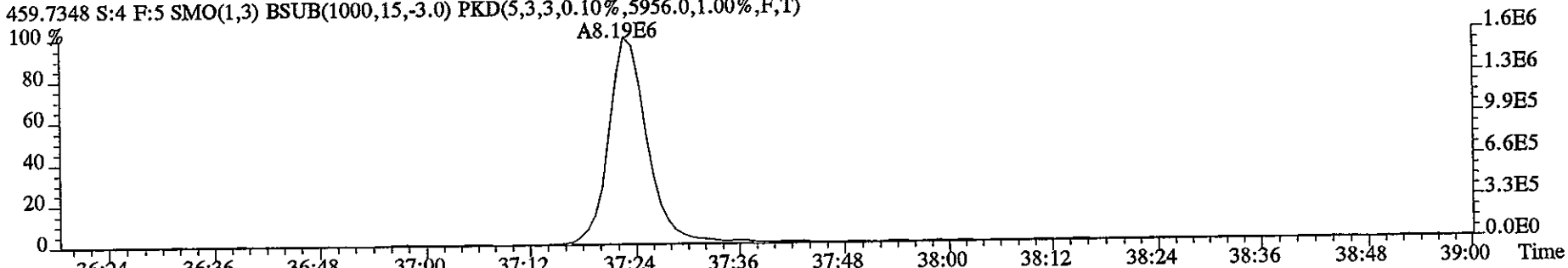
513.6775 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,3640.0,1.00%,F,T)



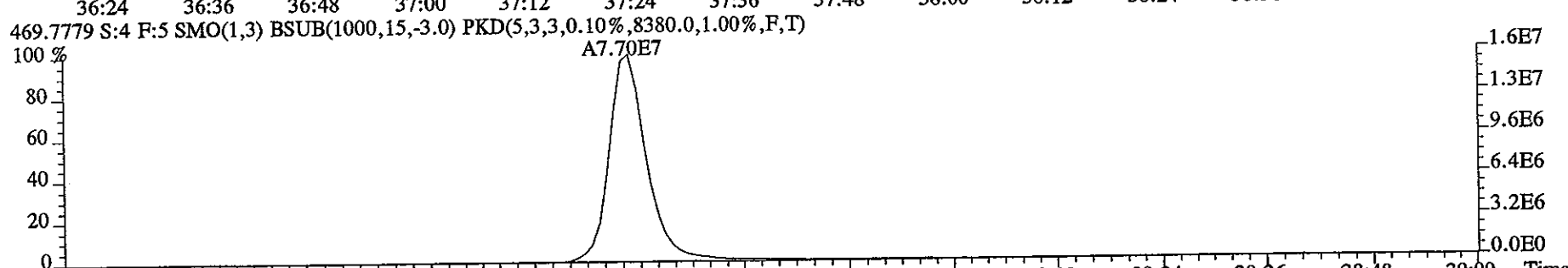
File:09DE051D5 #1-195 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
457.7377 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7212.0,1.00%,F,T)



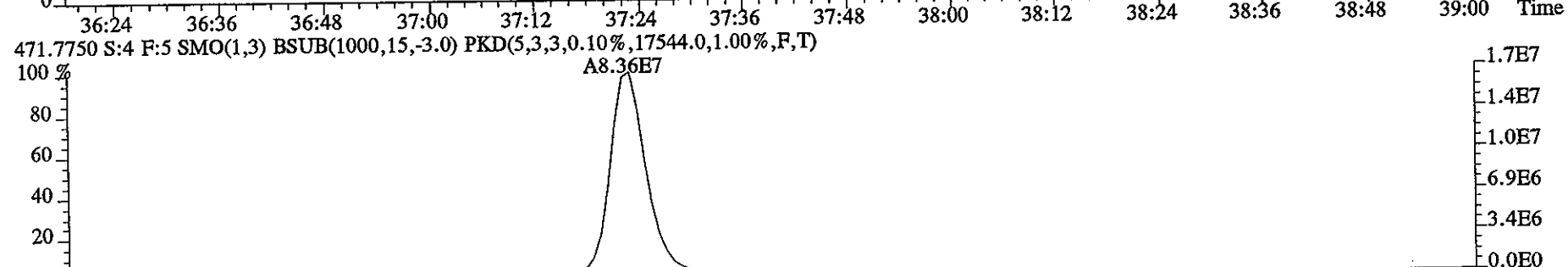
459.7348 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5956.0,1.00%,F,T)



469.7779 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8380.0,1.00%,F,T)

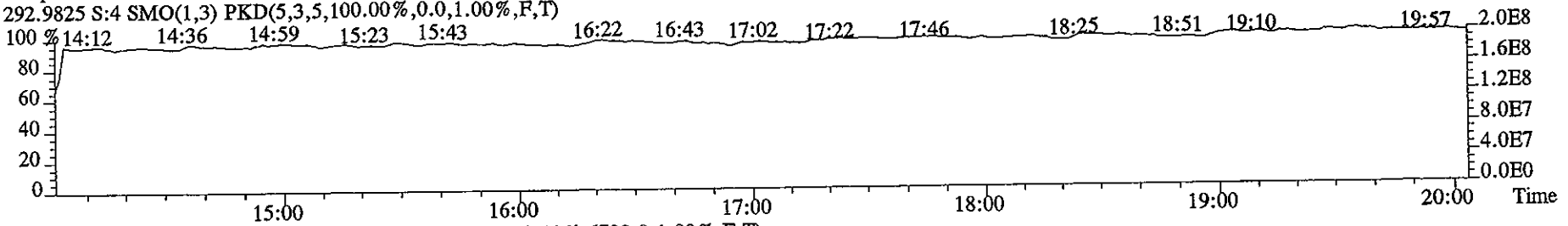


471.7750 S:4 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17544.0,1.00%,F,T)

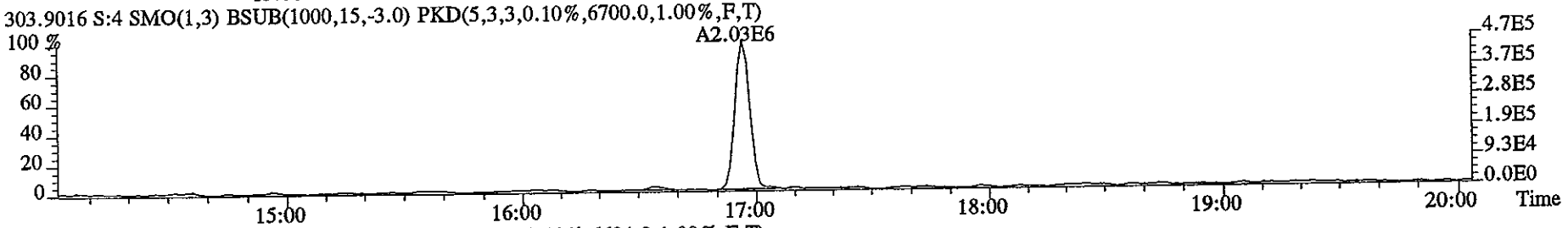


File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN

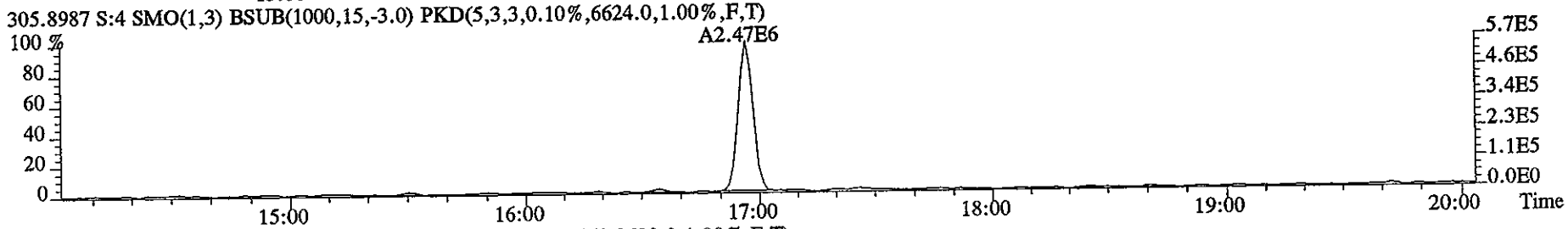
292.9825 S:4 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



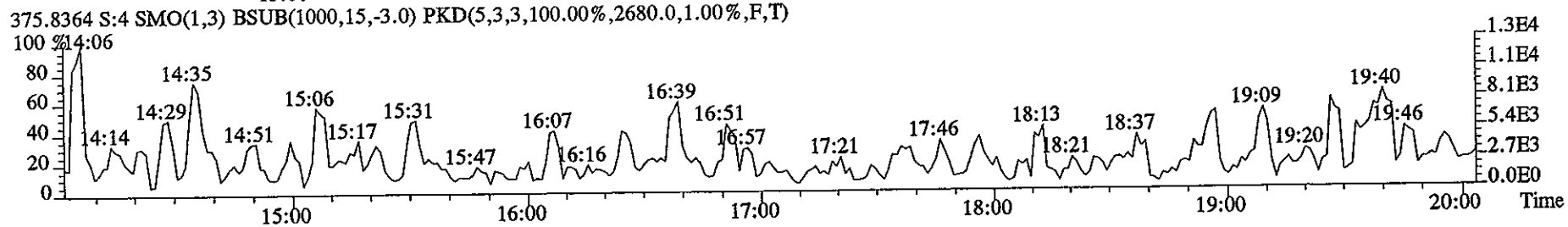
303.9016 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6700.0,1.00%,F,T)



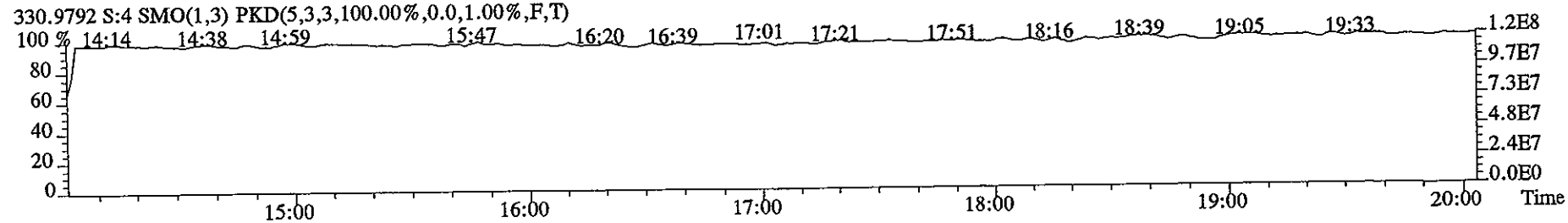
305.8987 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6624.0,1.00%,F,T)



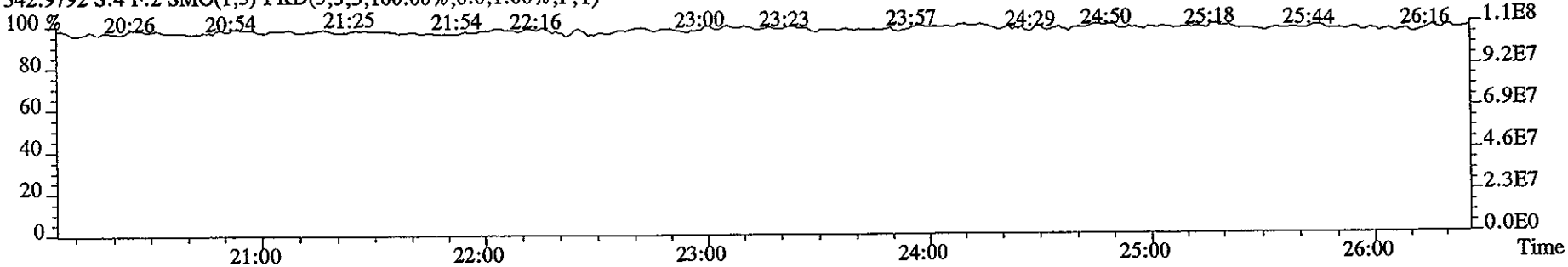
375.8364 S:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2680.0,1.00%,F,T)



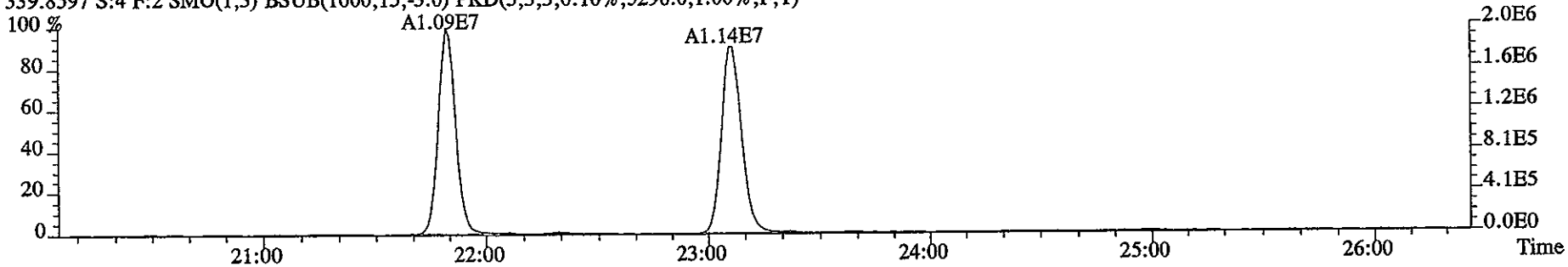
330.9792 S:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



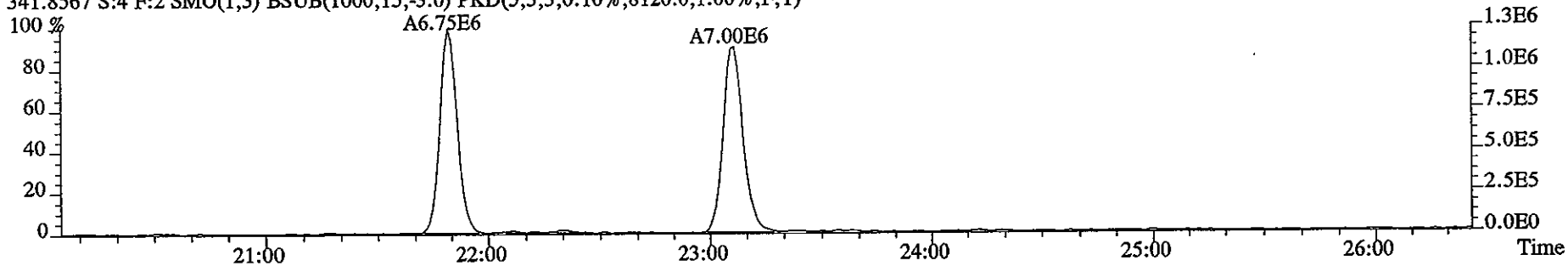
File:09DE051D5 #1-448 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
342.9792 S:4 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



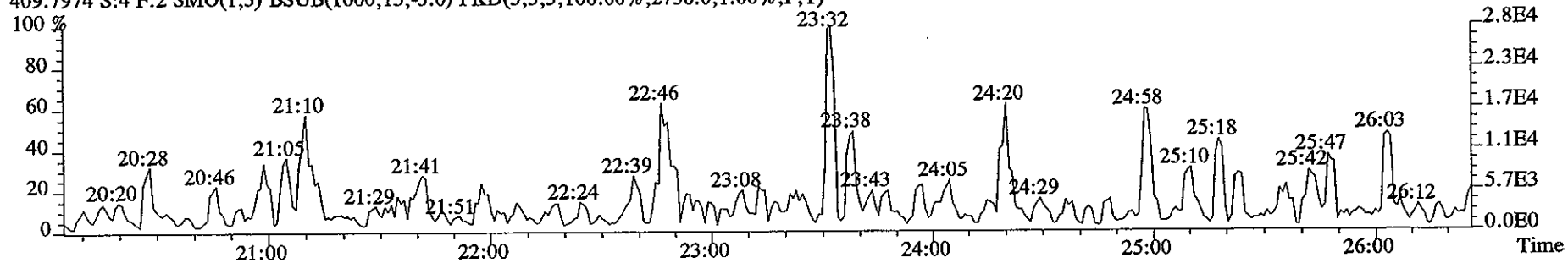
339.8597 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5296.0,1.00%,F,T)



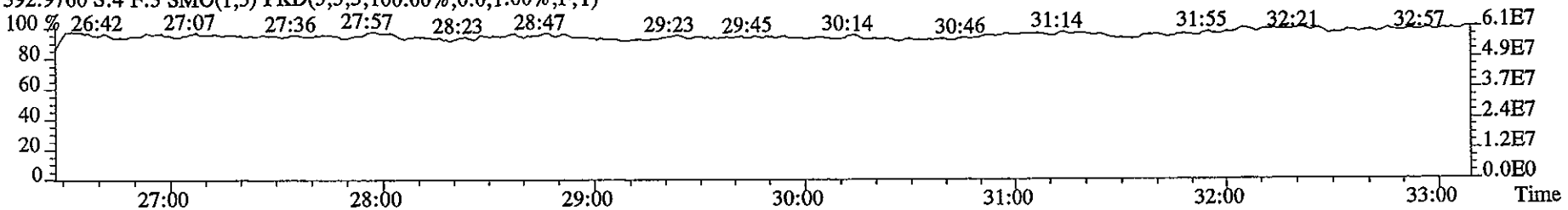
341.8567 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8120.0,1.00%,F,T)



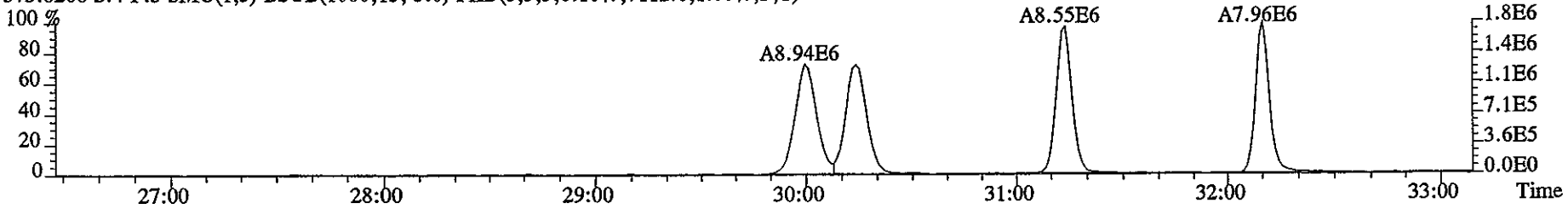
409.7974 S:4 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2756.0,1.00%,F,T)



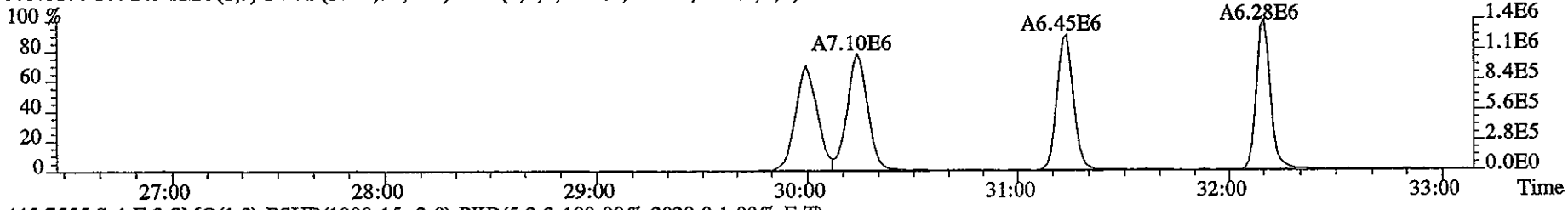
File:09DE051D5 #1-450 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
392.9760 S:4 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



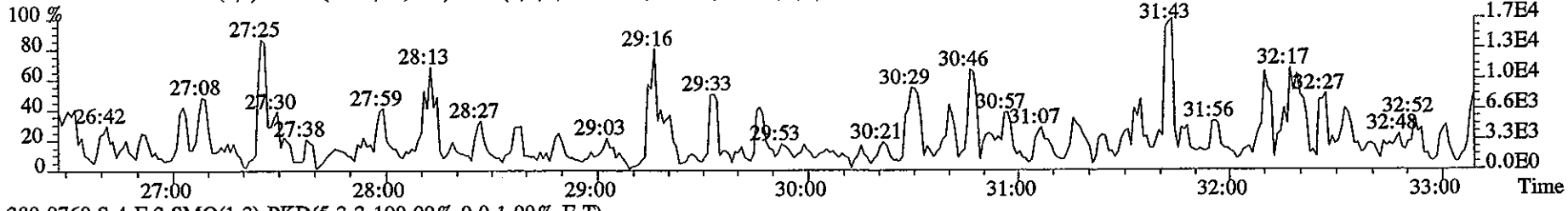
373.8208 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7112.0,1.00%,F,T)



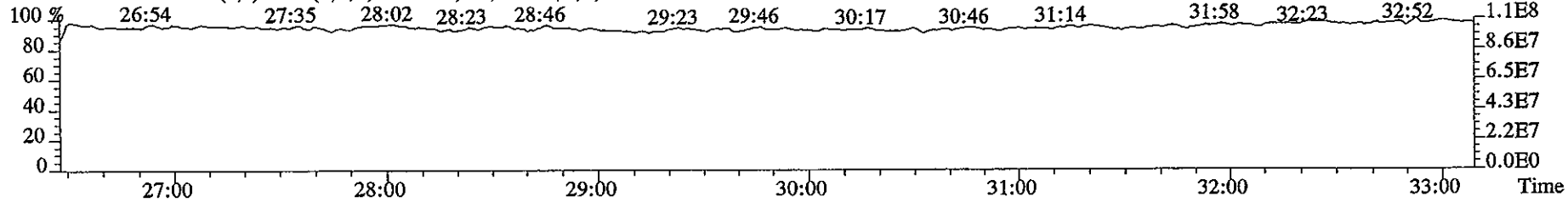
375.8178 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5860.0,1.00%,F,T)



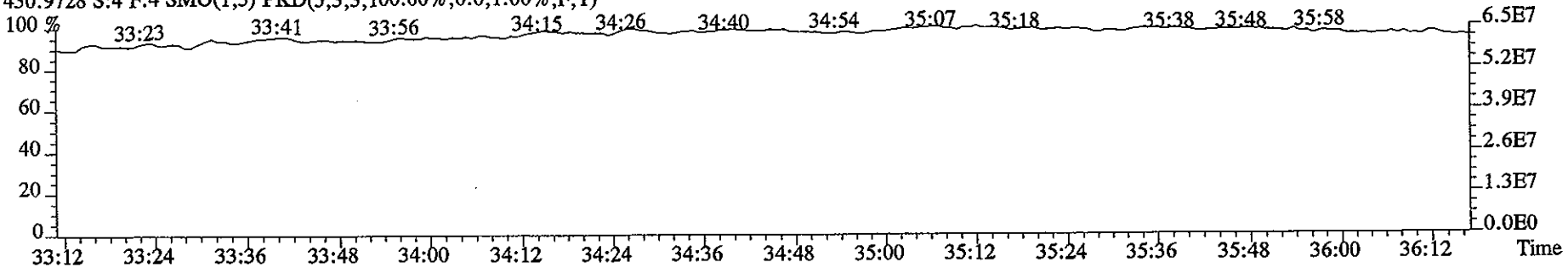
445.7555 S:4 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2928.0,1.00%,F,T)



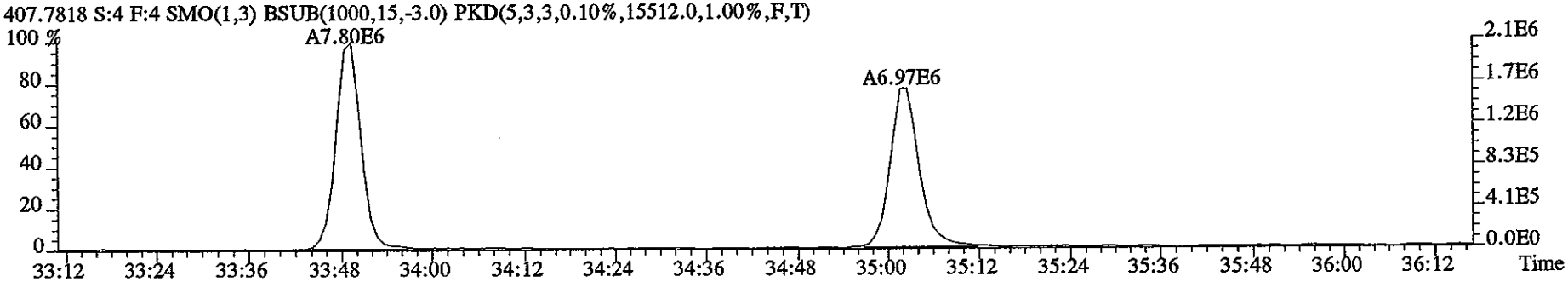
380.9760 S:4 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



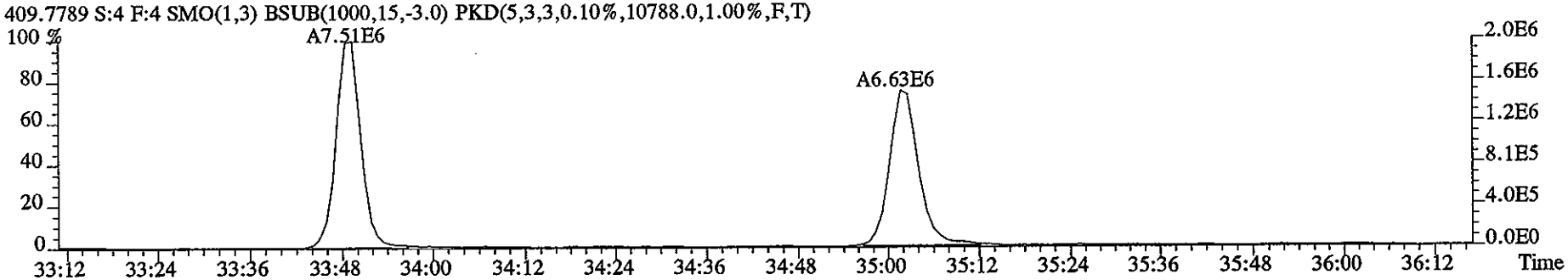
File:09DE051D5 #1-219 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
430.9728 S:4 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



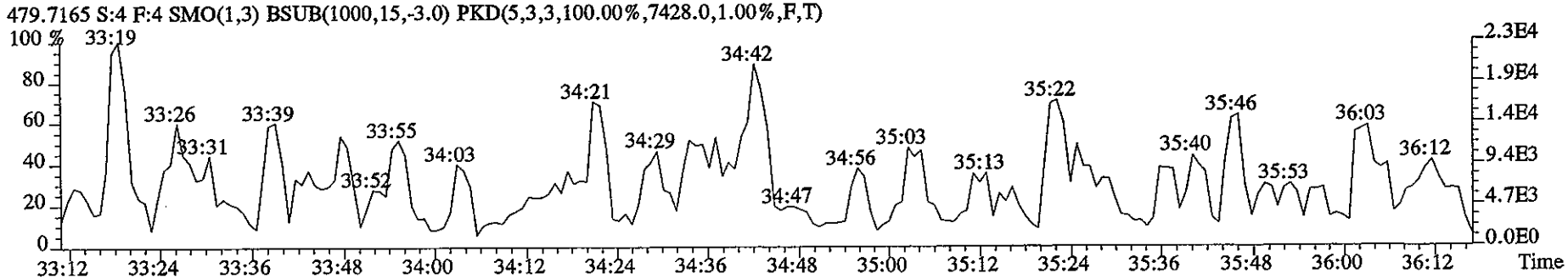
407.7818 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15512.0,1.00%,F,T)



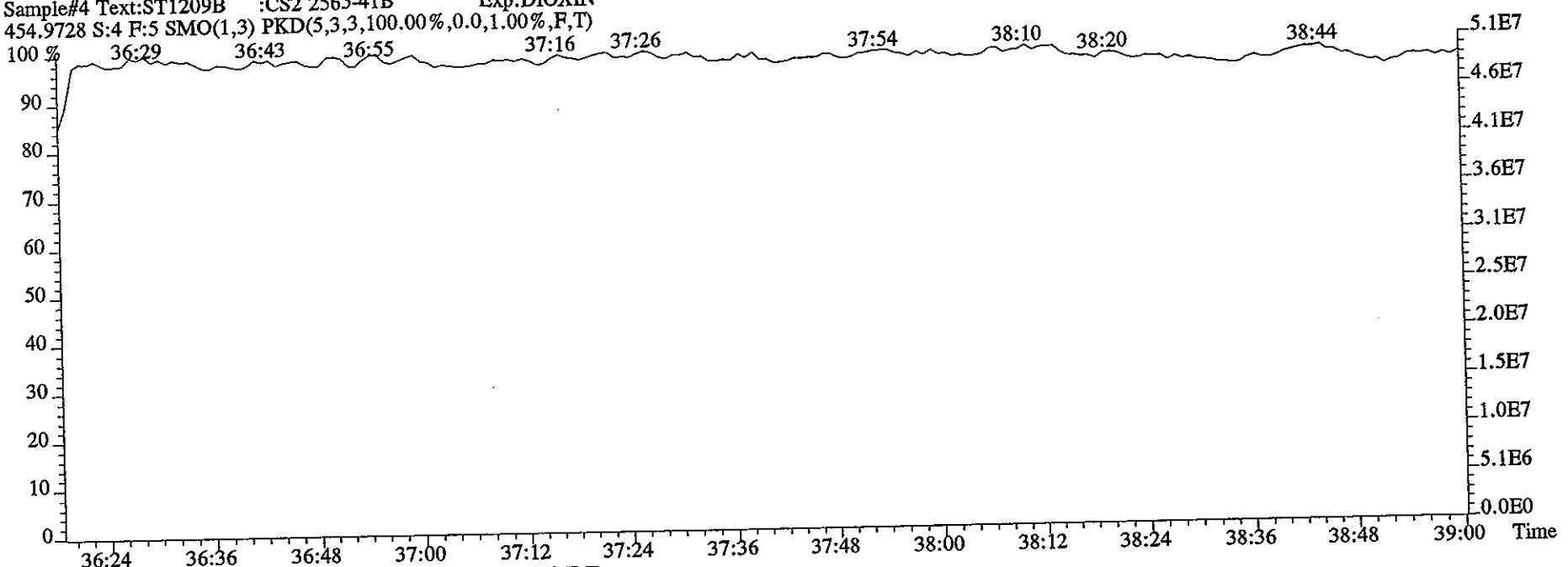
409.7789 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10788.0,1.00%,F,T)



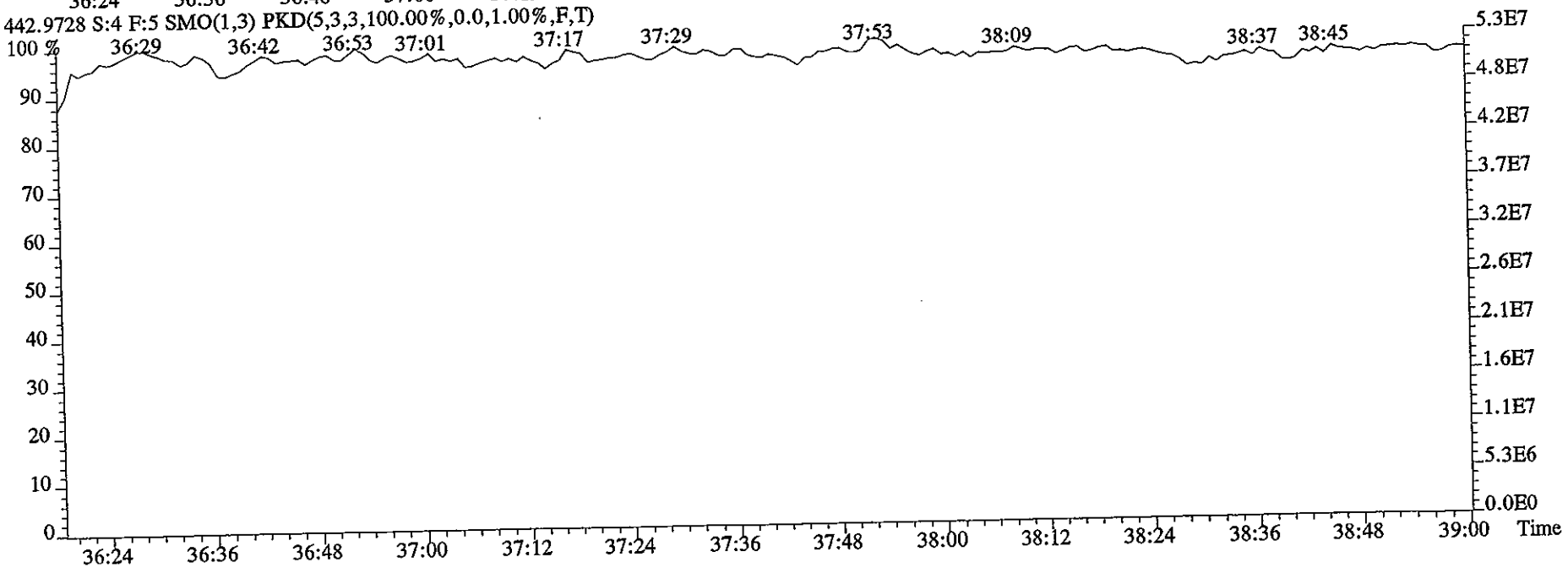
479.7165 S:4 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7428.0,1.00%,F,T)



File:09DE051D5 #1-195 Acq: 9-DEC-2005 10:59:40 GC EI+ Voltage SIR 70SE
Sample#4 Text:ST1209B :CS2 2565-41B Exp:DIOXIN
454.9728 S:4 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

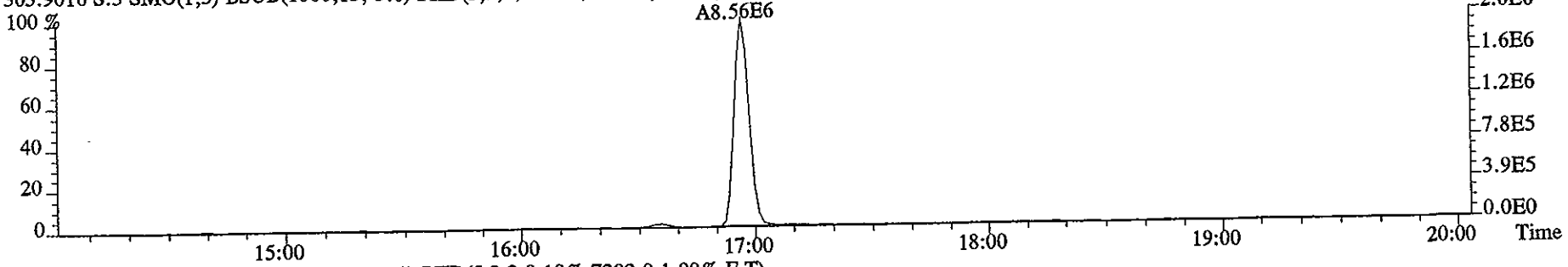


442.9728 S:4 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

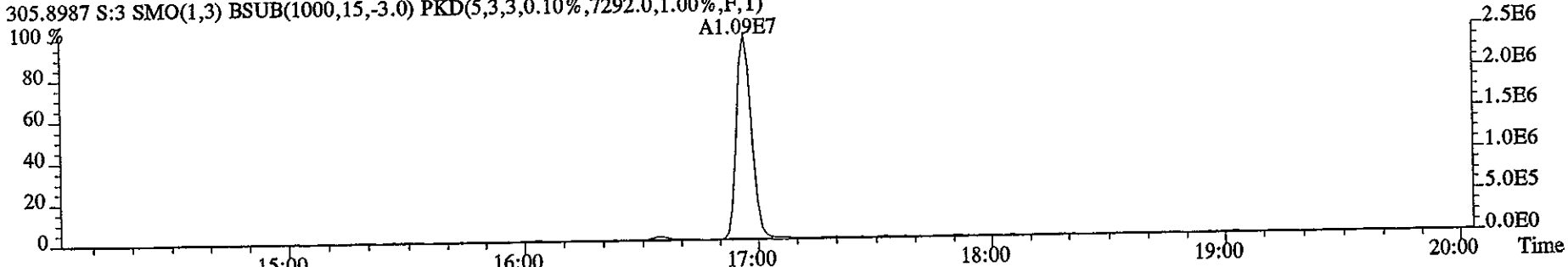


File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN

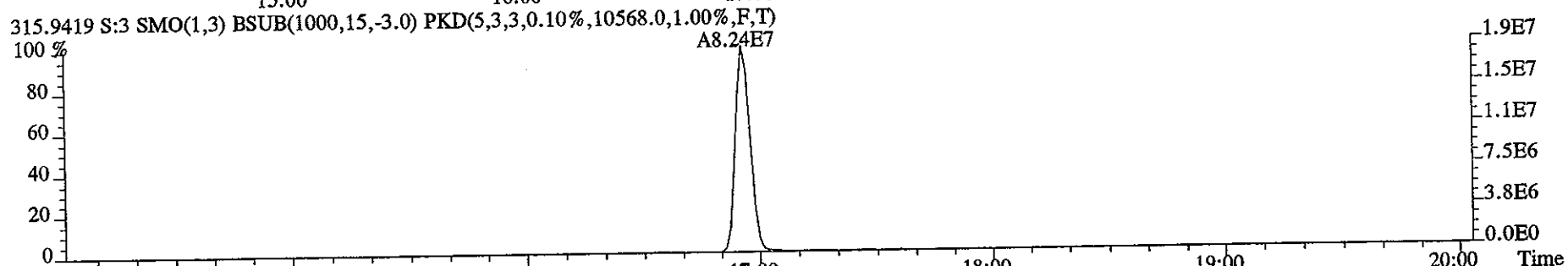
303.9016 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5676.0,1.00%,F,T)



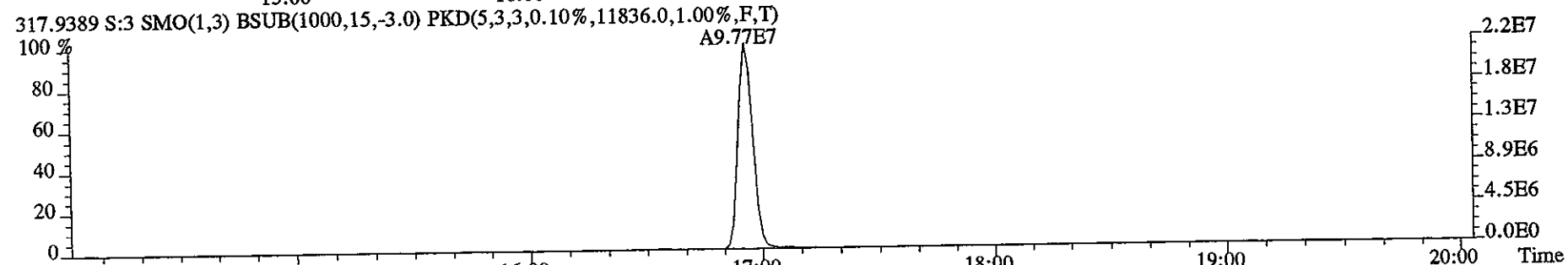
305.8987 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7292.0,1.00%,F,T)



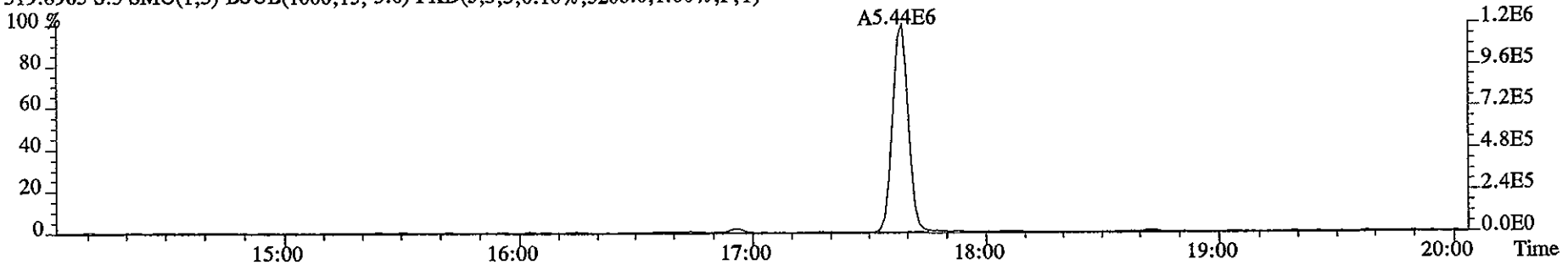
315.9419 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10568.0,1.00%,F,T)



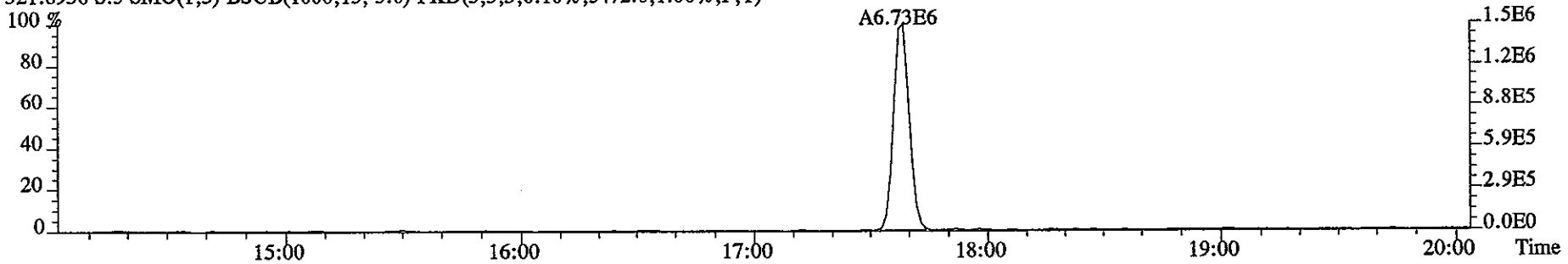
317.9389 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11836.0,1.00%,F,T)



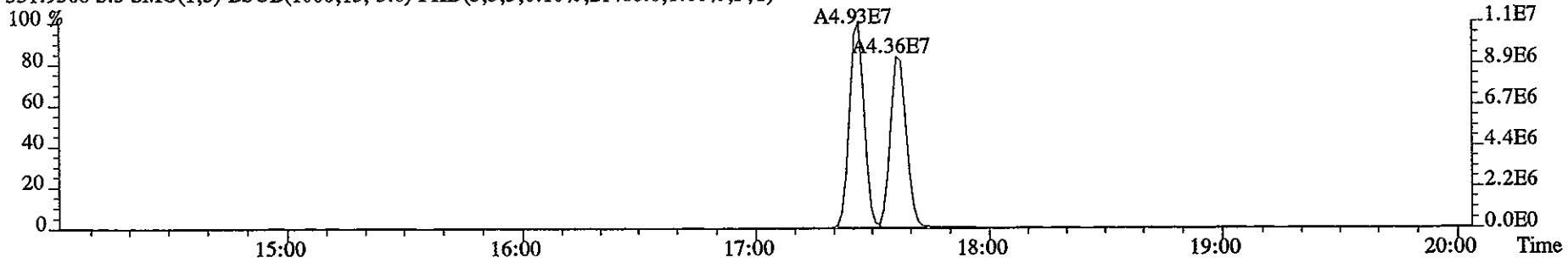
File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
319.8965 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5208.0,1.00%,F,T)



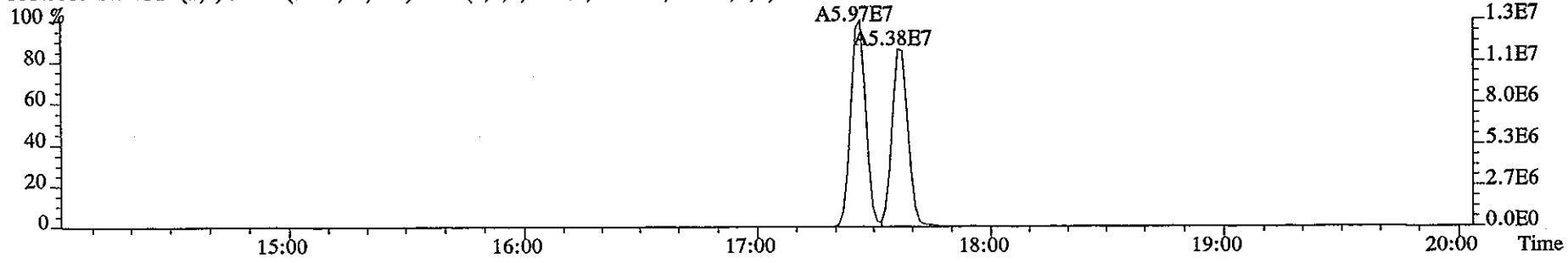
321.8936 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5472.0,1.00%,F,T)



331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21468.0,1.00%,F,T)

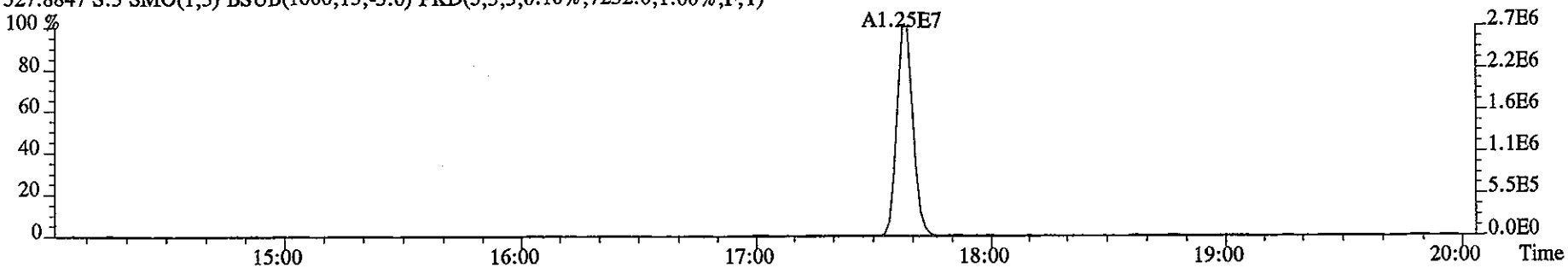


333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14292.0,1.00%,F,T)

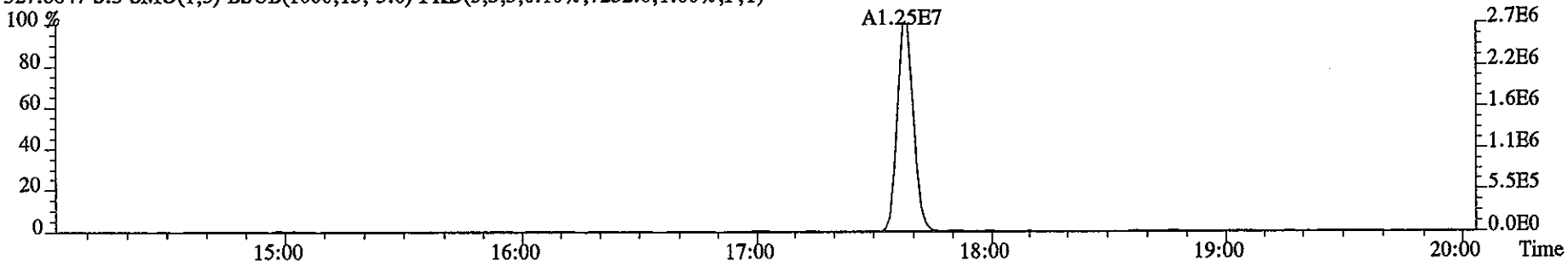


File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN

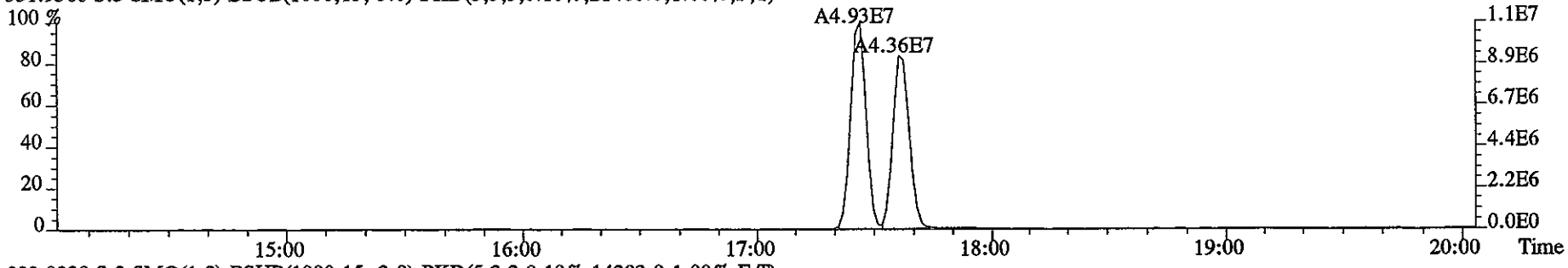
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7232.0,1.00%,F,T)



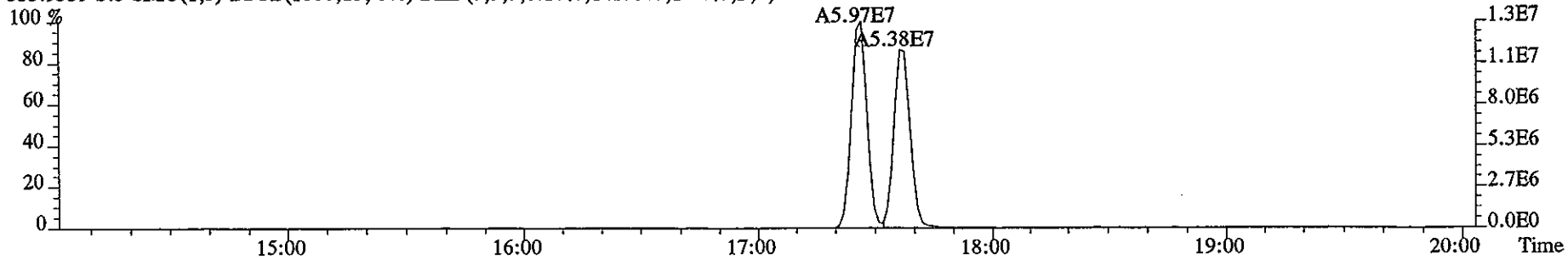
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7232.0,1.00%,F,T)



331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21468.0,1.00%,F,T)

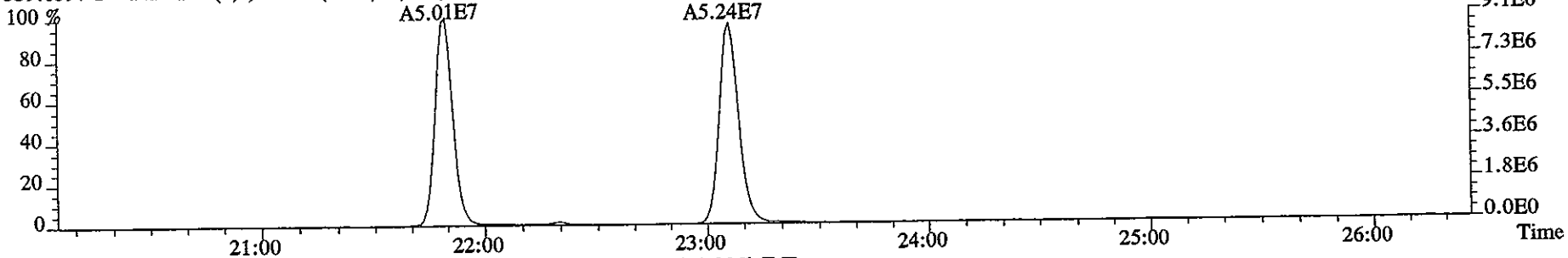


333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14292.0,1.00%,F,T)

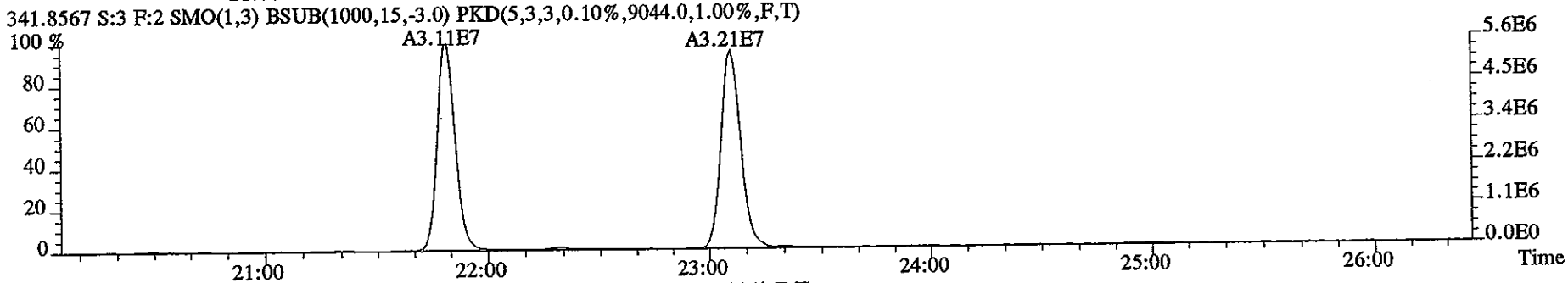


File:09DE051D5 #1-448 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN

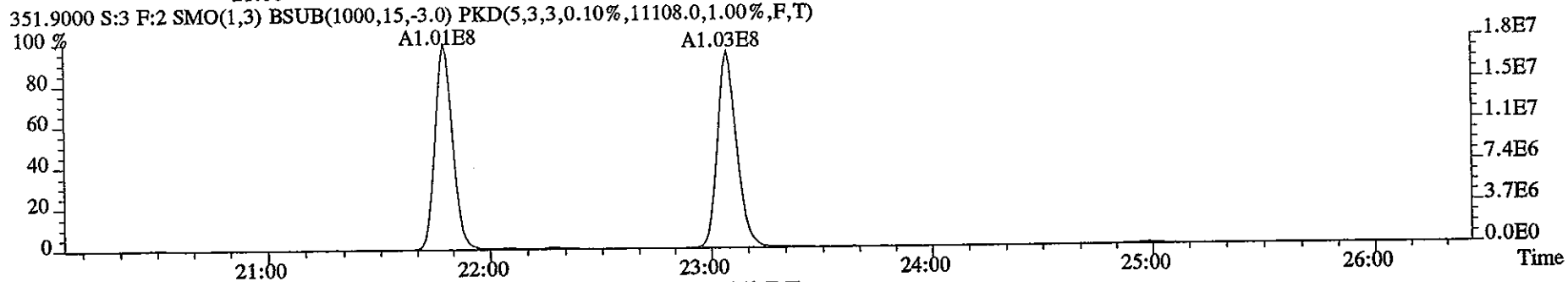
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5240.0,1.00%,F,T)



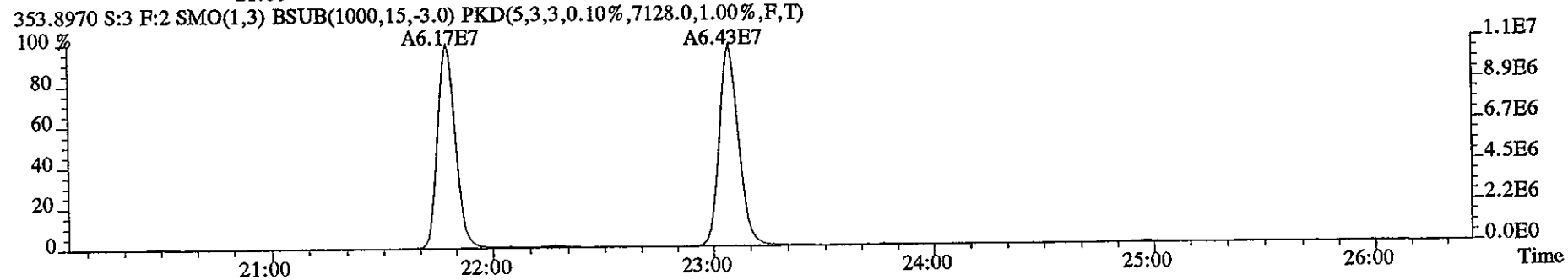
341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9044.0,1.00%,F,T)



351.9000 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11108.0,1.00%,F,T)

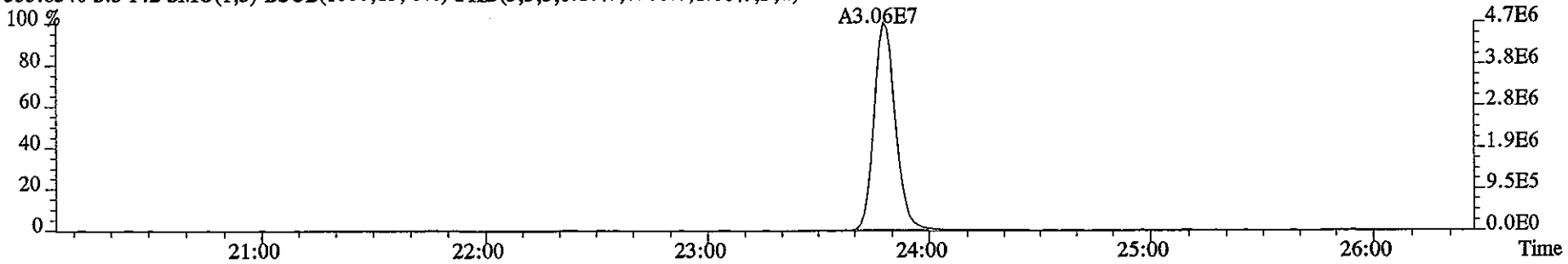


353.8970 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7128.0,1.00%,F,T)

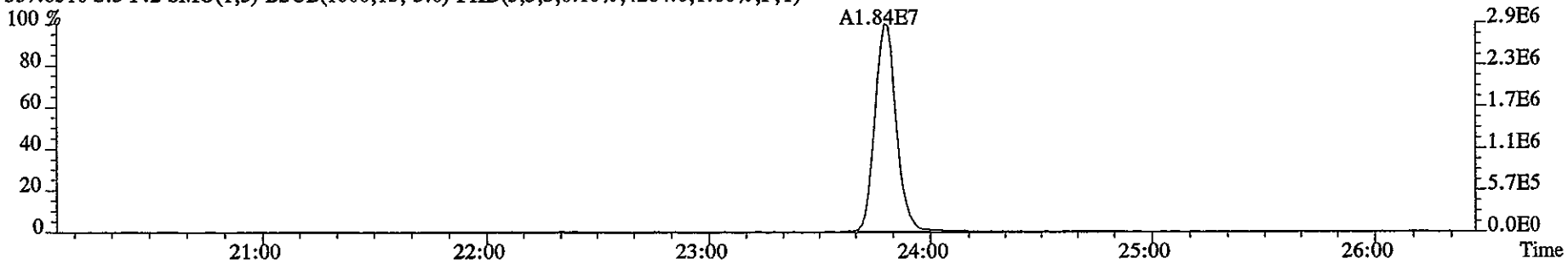


File:09DE051D5 #1-448 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN

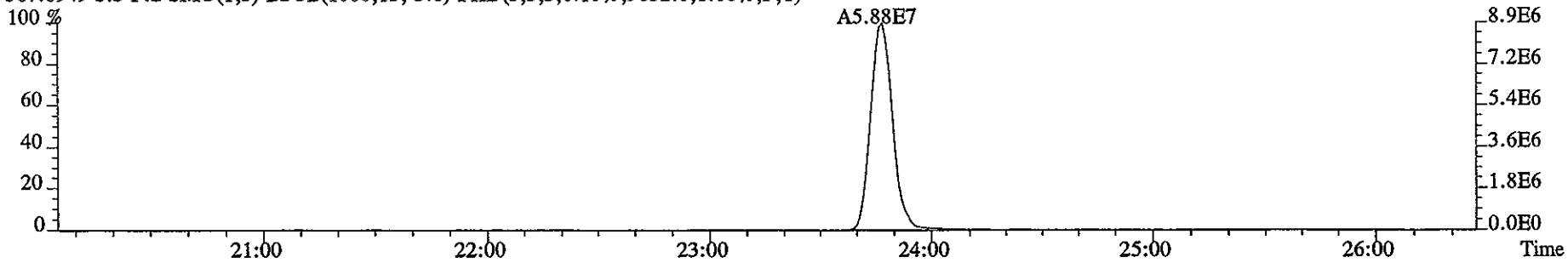
355.8546 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6308.0,1.00%,F,T)



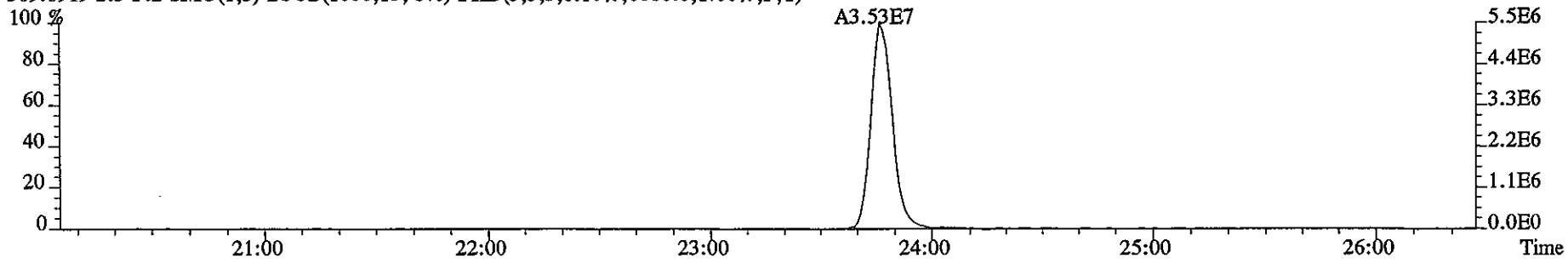
357.8516 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4284.0,1.00%,F,T)



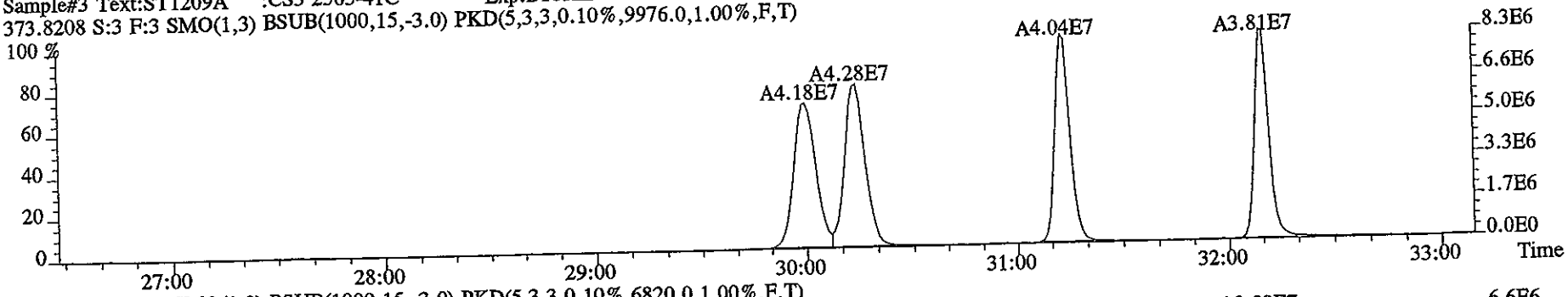
367.8949 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9832.0,1.00%,F,T)



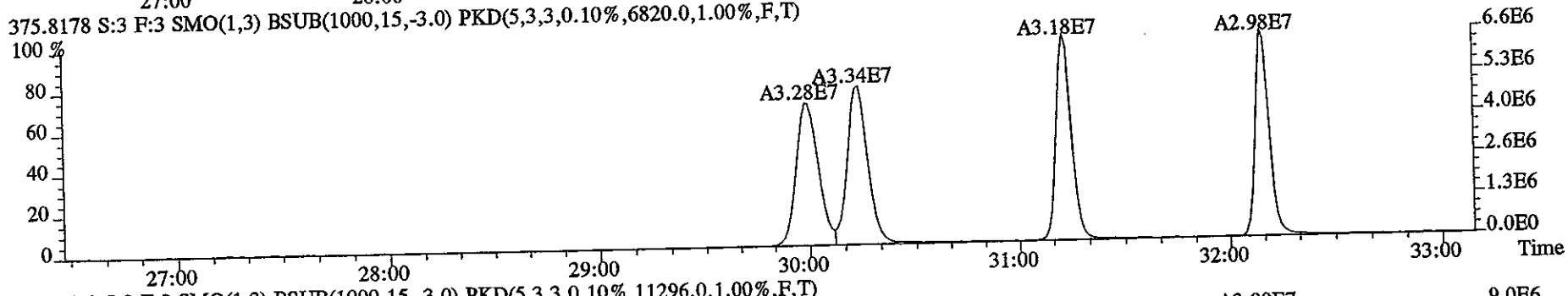
369.8919 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6080.0,1.00%,F,T)



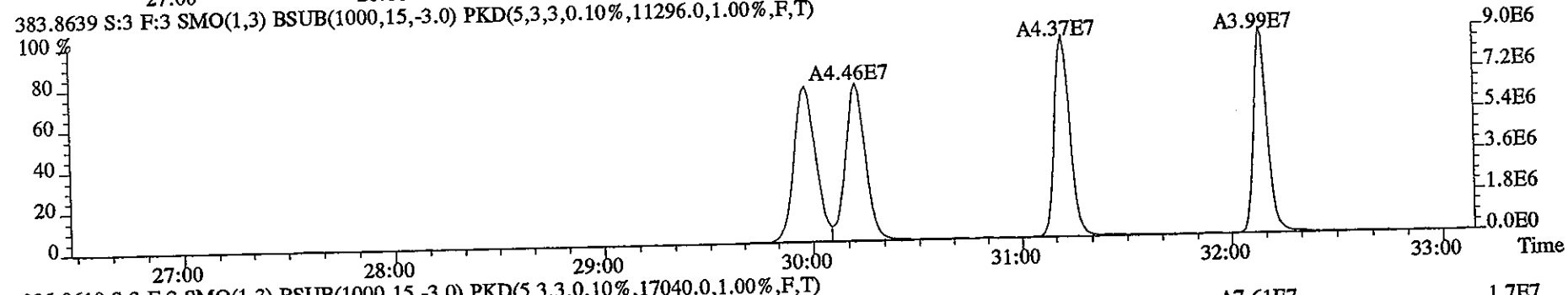
File:09DE051D5 #1-450 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
373.8208 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9976.0,1.00%,F,T)



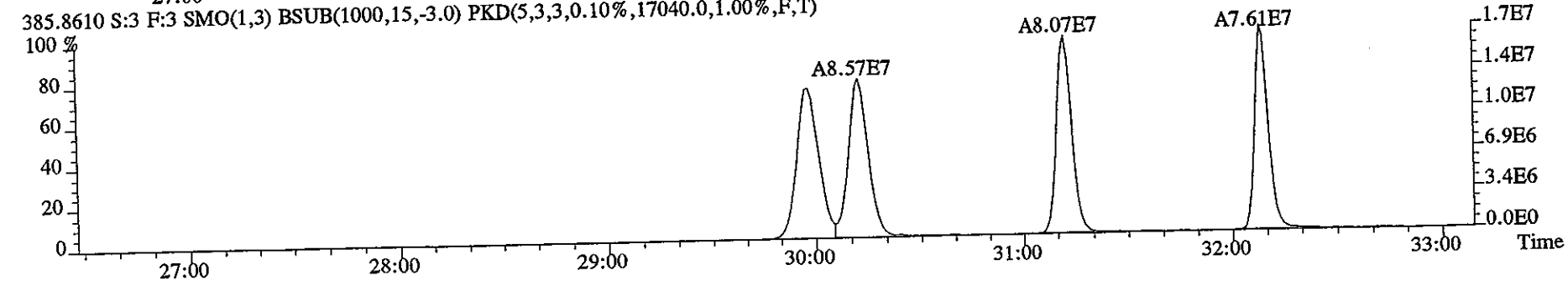
375.8178 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6820.0,1.00%,F,T)



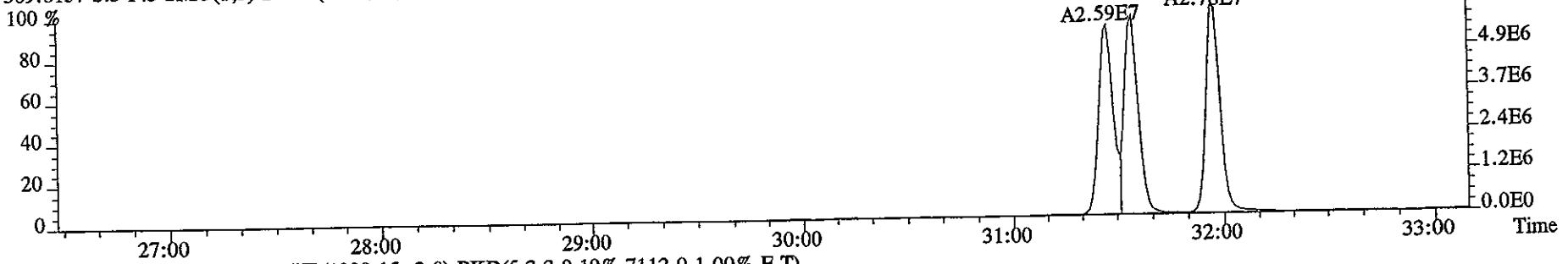
383.8639 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11296.0,1.00%,F,T)



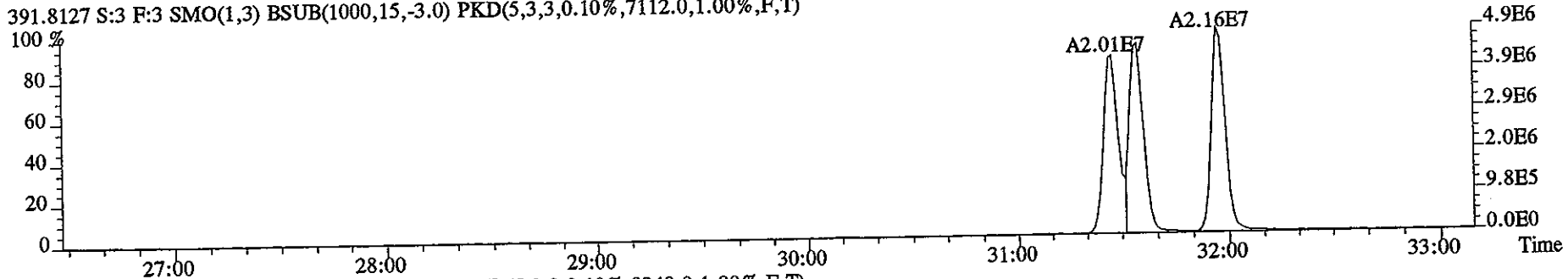
385.8610 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17040.0,1.00%,F,T)



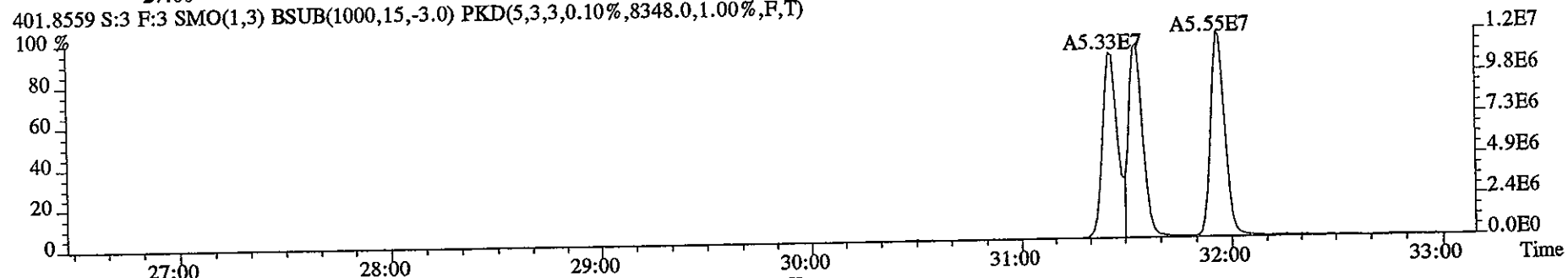
File:09DE051D5 #1-450 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
389.8157 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5096.0,1.00%,F,T)



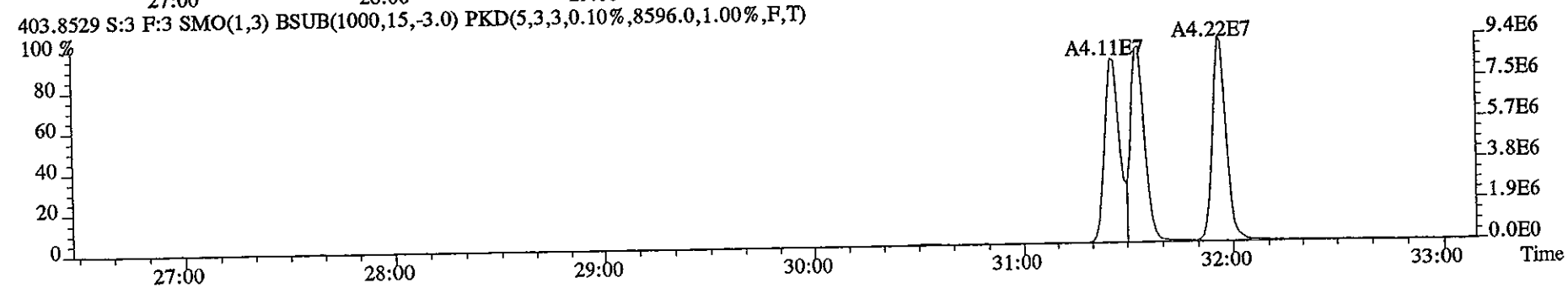
391.8127 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7112.0,1.00%,F,T)



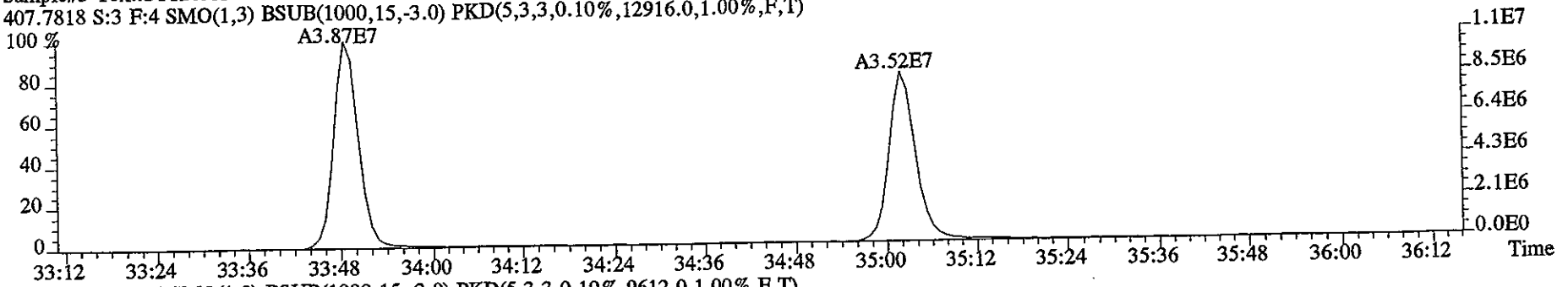
401.8559 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8348.0,1.00%,F,T)



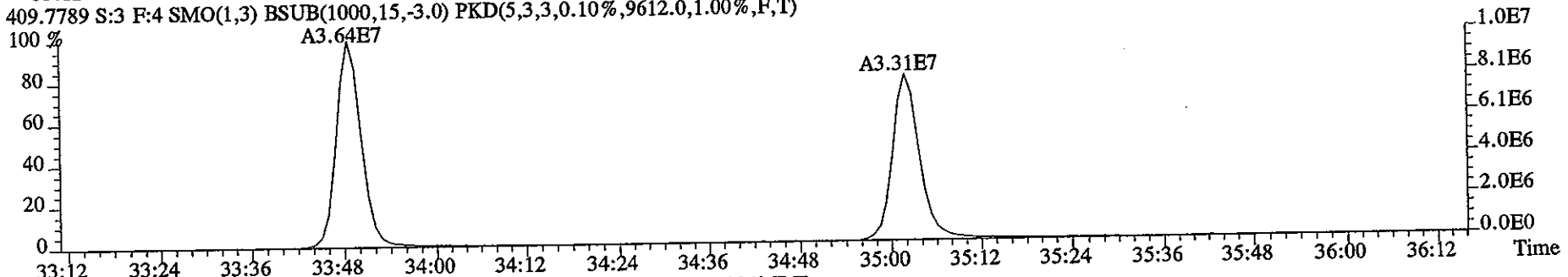
403.8529 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8596.0,1.00%,F,T)



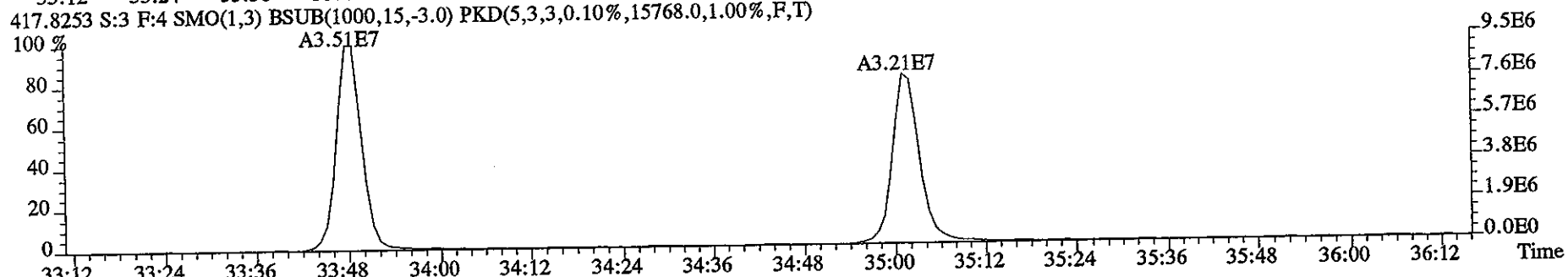
File:09DE051D5 #1-218 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12916.0,1.00%,F,T)



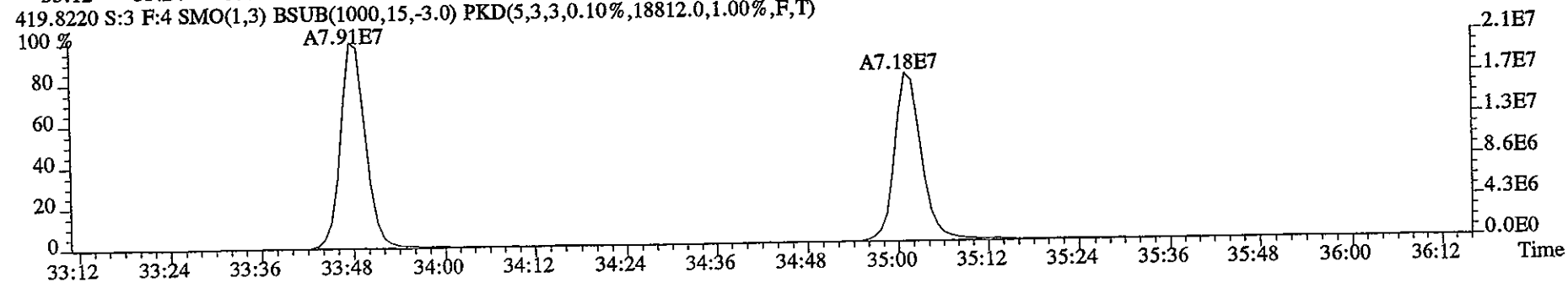
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9612.0,1.00%,F,T)



417.8253 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15768.0,1.00%,F,T)

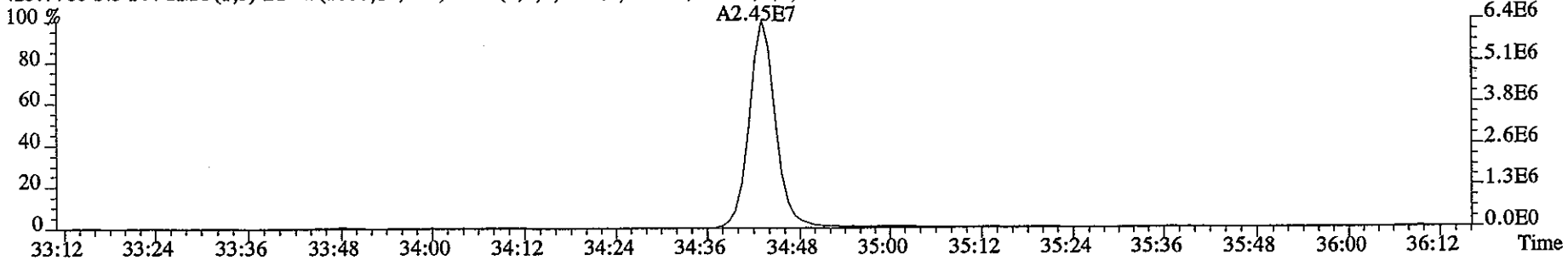


419.8220 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18812.0,1.00%,F,T)

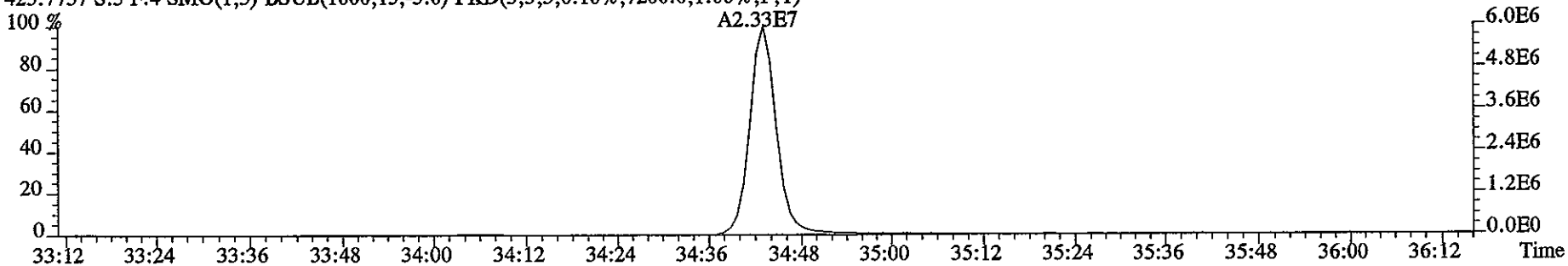


File:09DE051D5 #1-218 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN

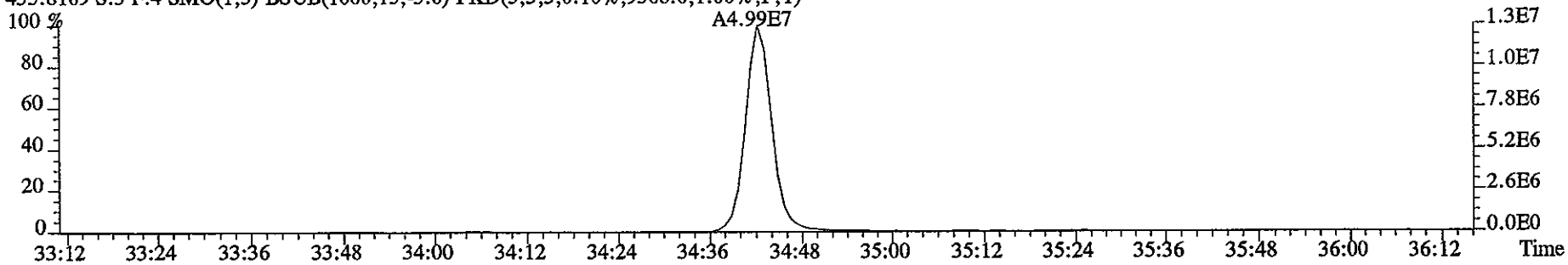
423.7766 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8600.0,1.00%,F,T)



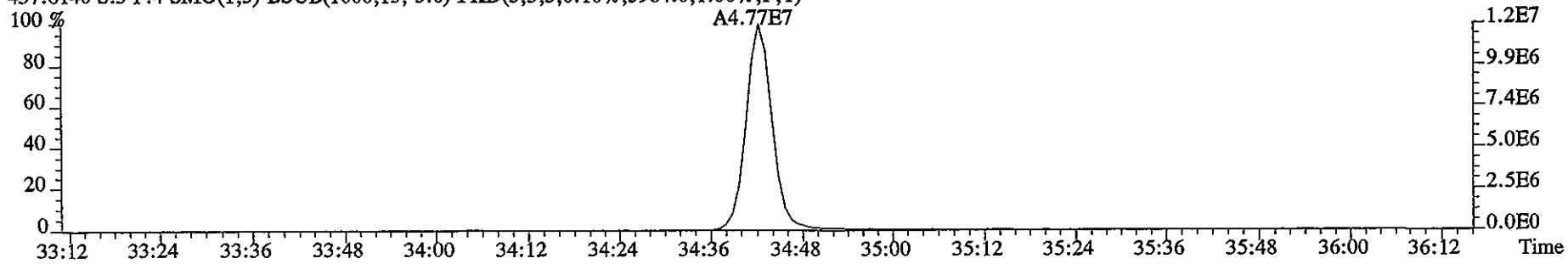
425.7737 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7200.0,1.00%,F,T)



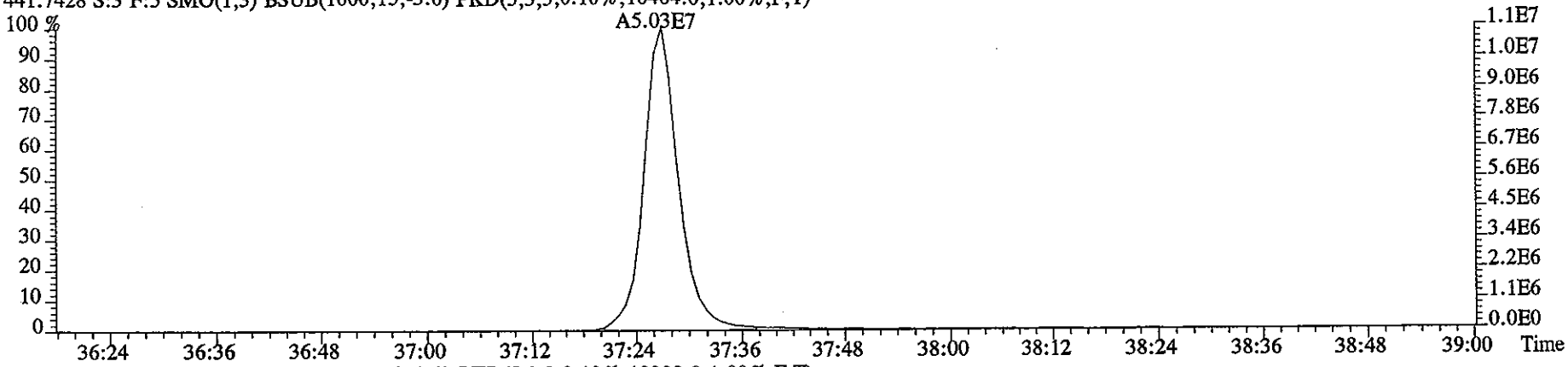
435.8169 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9368.0,1.00%,F,T)



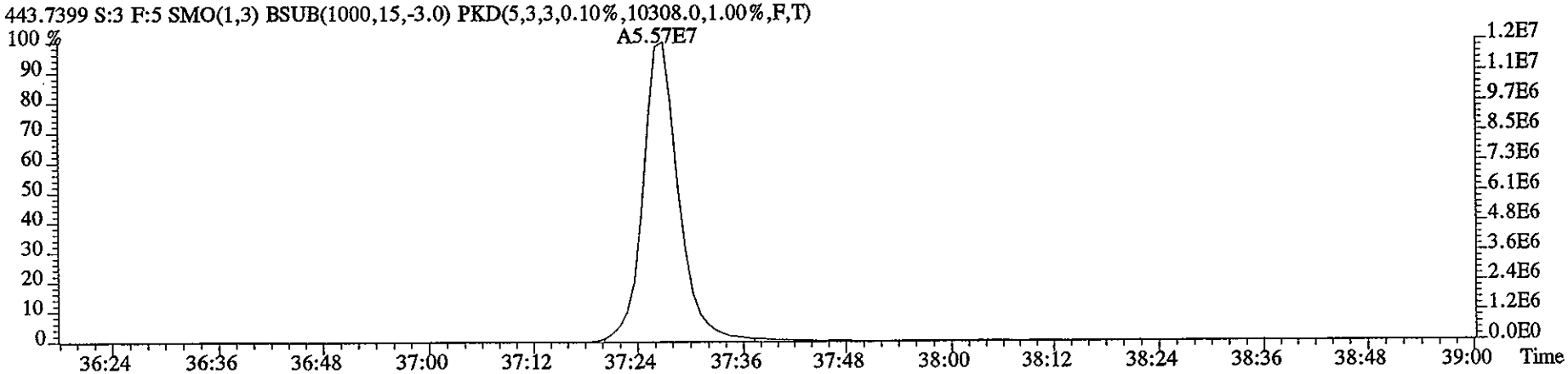
437.8140 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5984.0,1.00%,F,T)



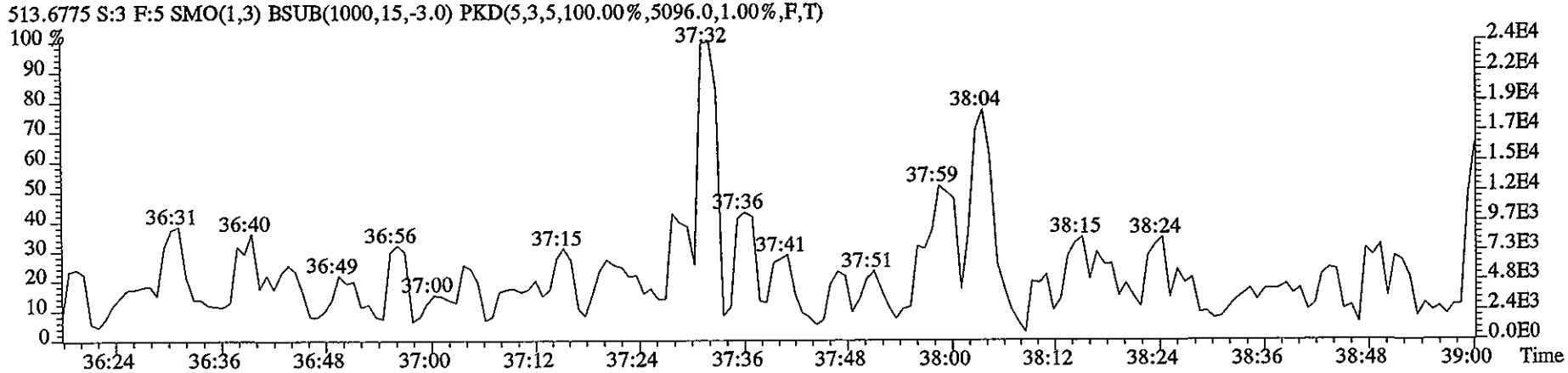
File:09DE051D5 #1-196 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
441.7428 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10464.0,1.00%,F,T)



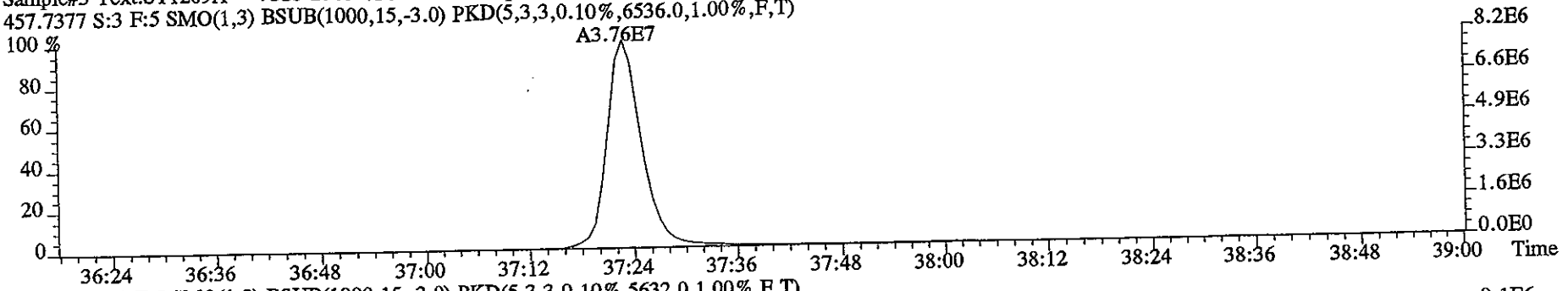
443.7399 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10308.0,1.00%,F,T)



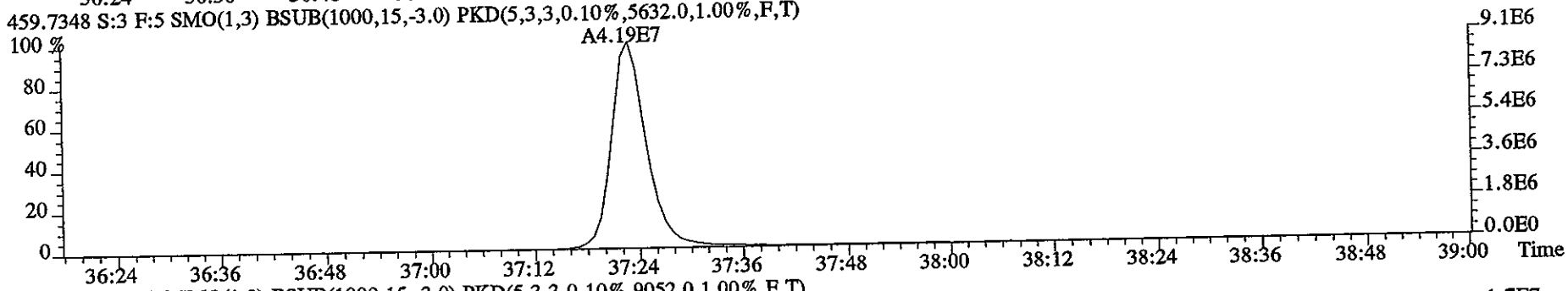
513.6775 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,5096.0,1.00%,F,T)



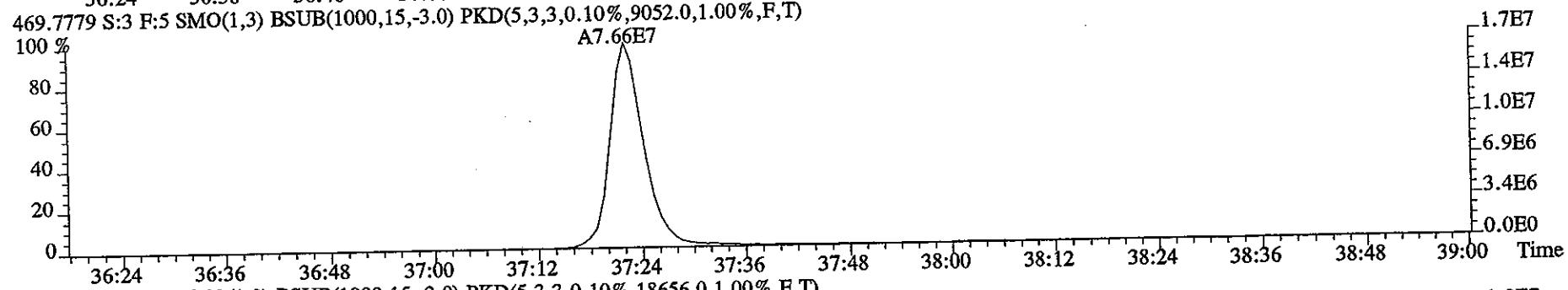
File:09DE051D5 #1-196 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
457.7377 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6536.0,1.00%,F,T)



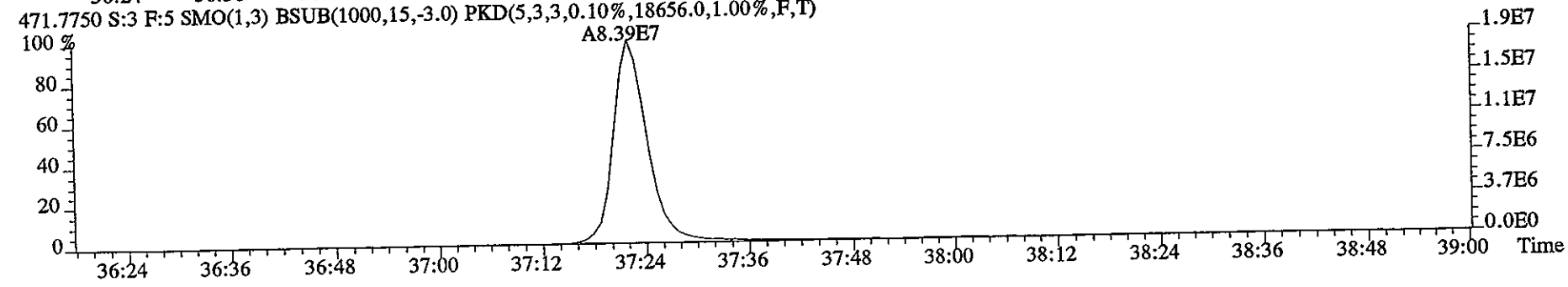
459.7348 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5632.0,1.00%,F,T)



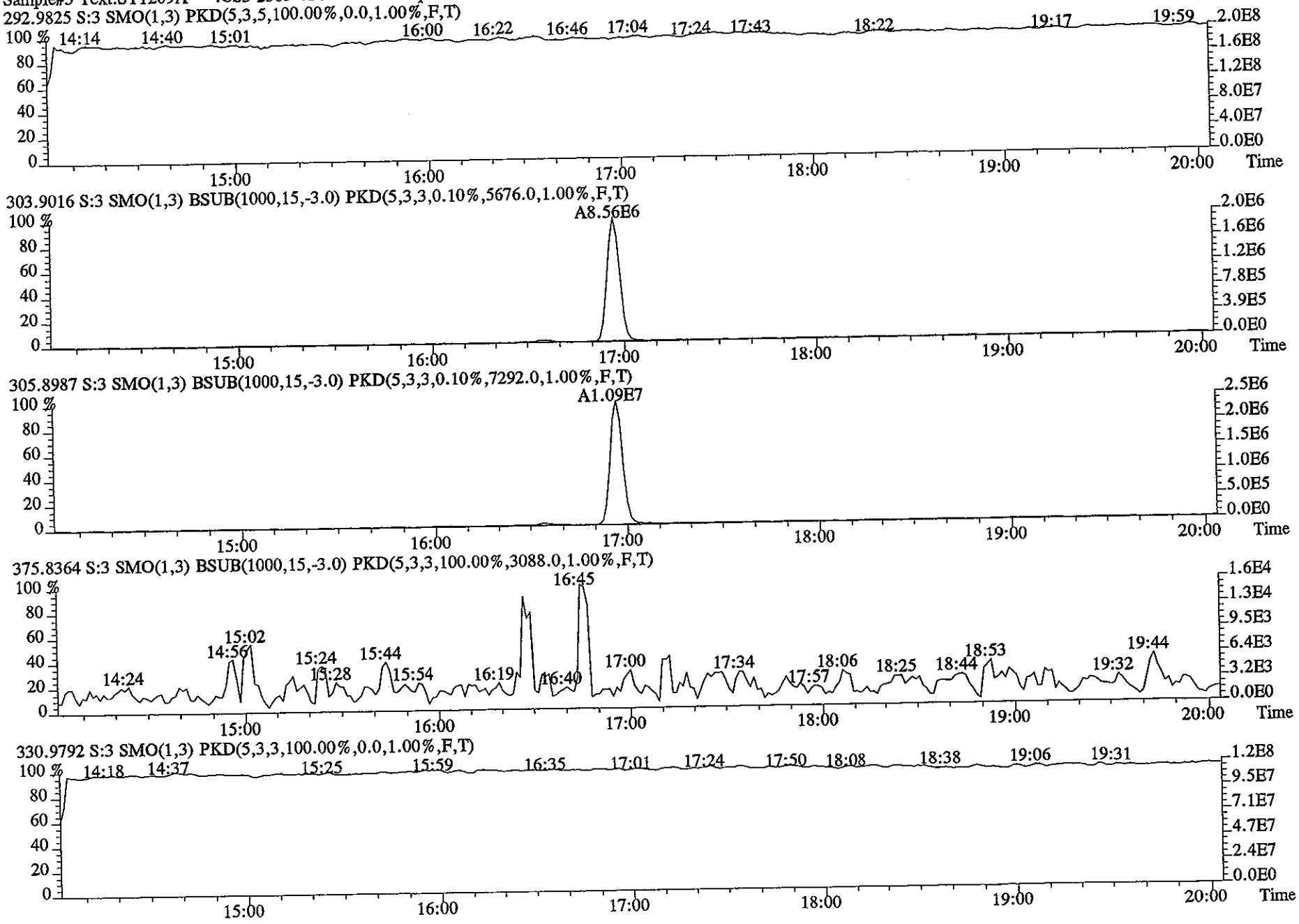
469.7779 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9052.0,1.00%,F,T)



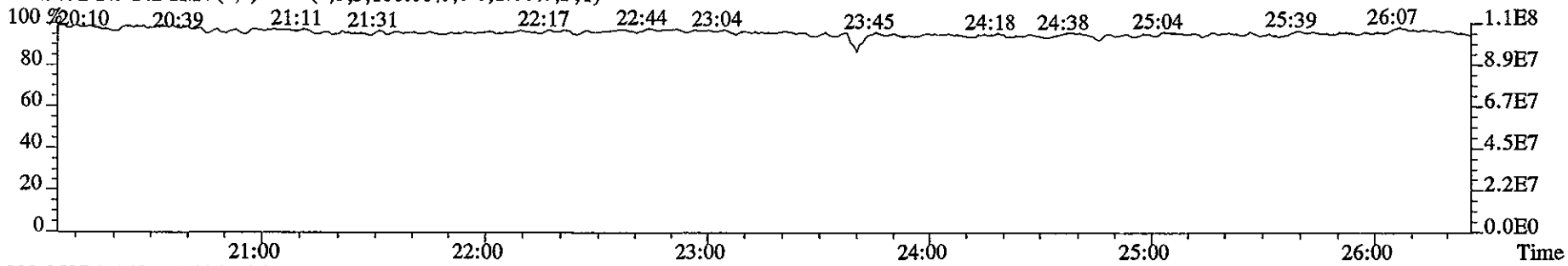
471.7750 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18656.0,1.00%,F,T)



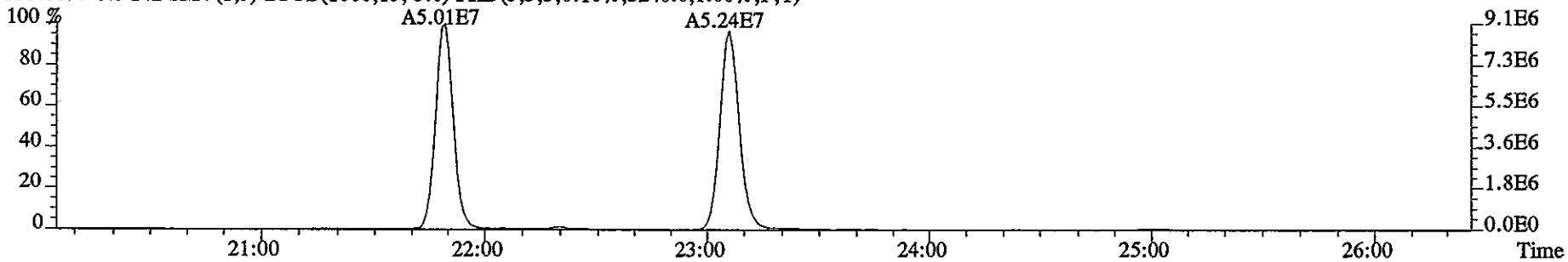
File:09DE051D5 #1-328 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN



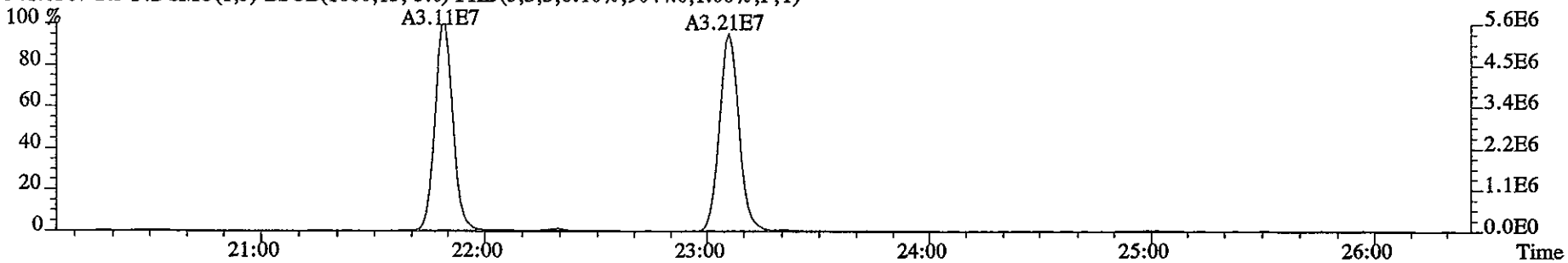
File:09DE051D5 #1-448 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
342.9792 S:3 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



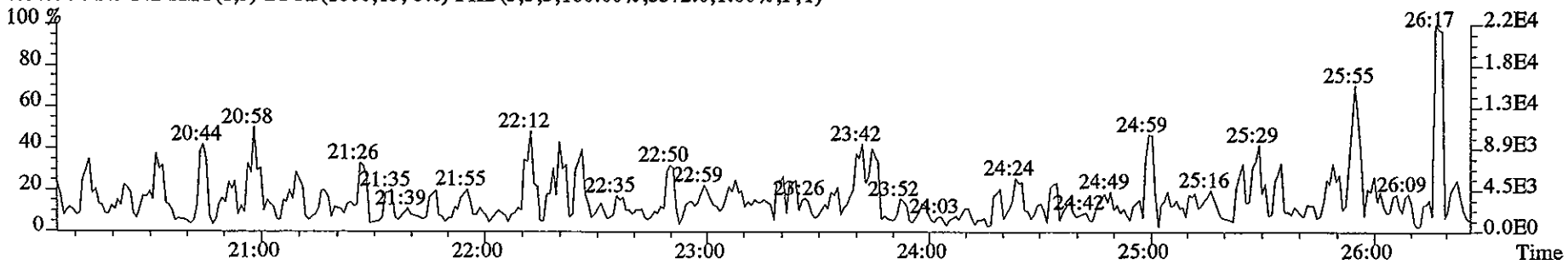
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5240.0,1.00%,F,T)



341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9044.0,1.00%,F,T)

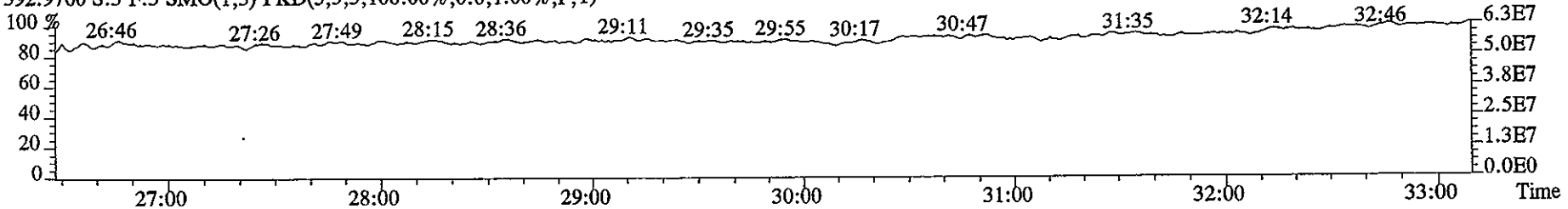


409.7974 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,3372.0,1.00%,F,T)

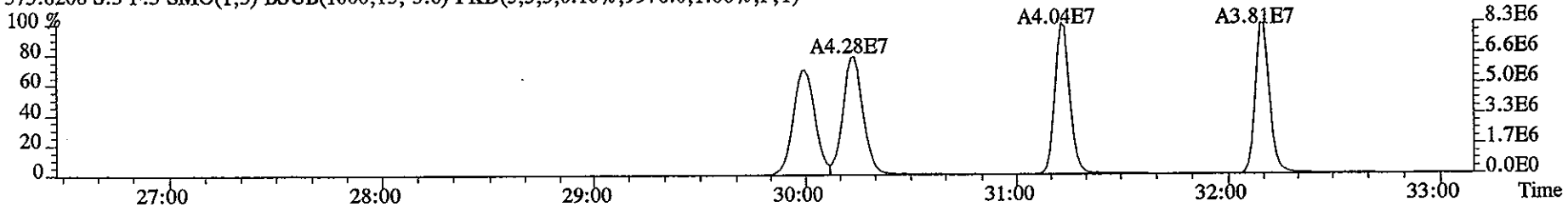


File:09DE051D5 #1-450 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN

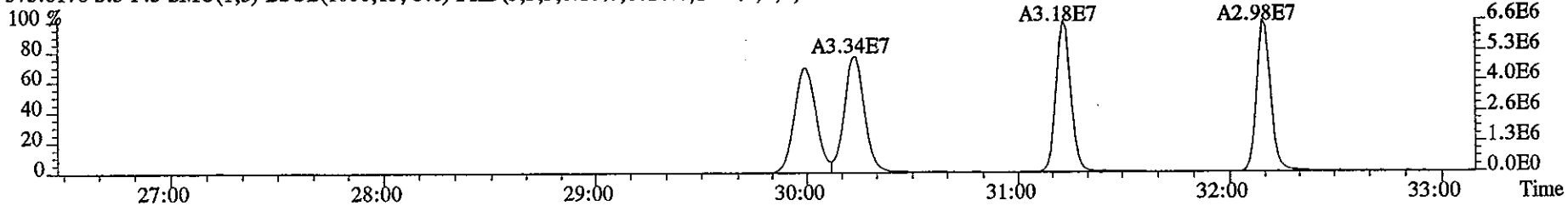
392.9760 S:3 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



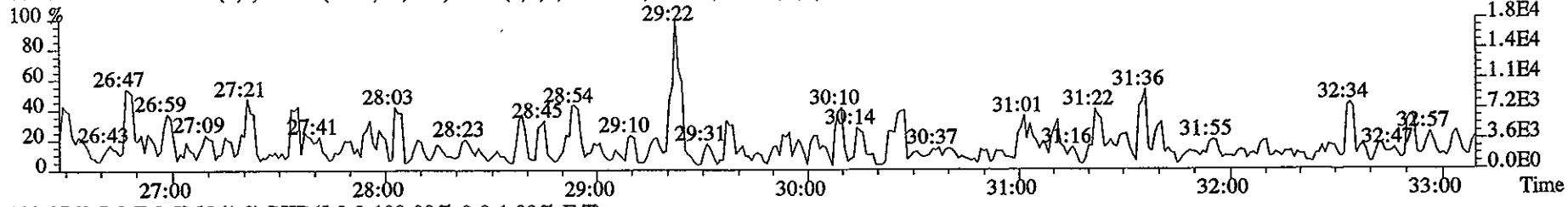
373.8208 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9976.0,1.00%,F,T)



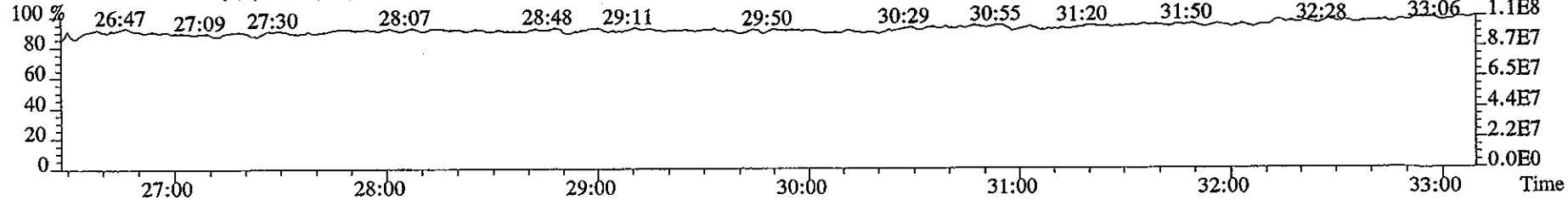
375.8178 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6820.0,1.00%,F,T)



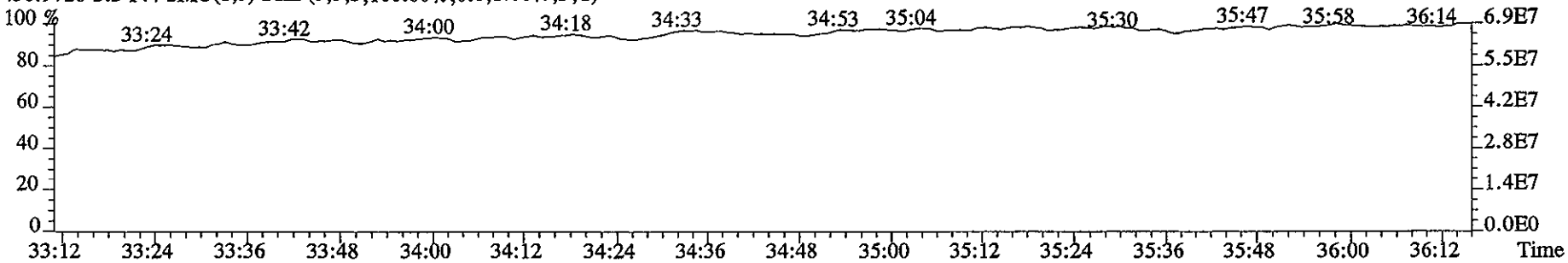
445.7555 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2456.0,1.00%,F,T)



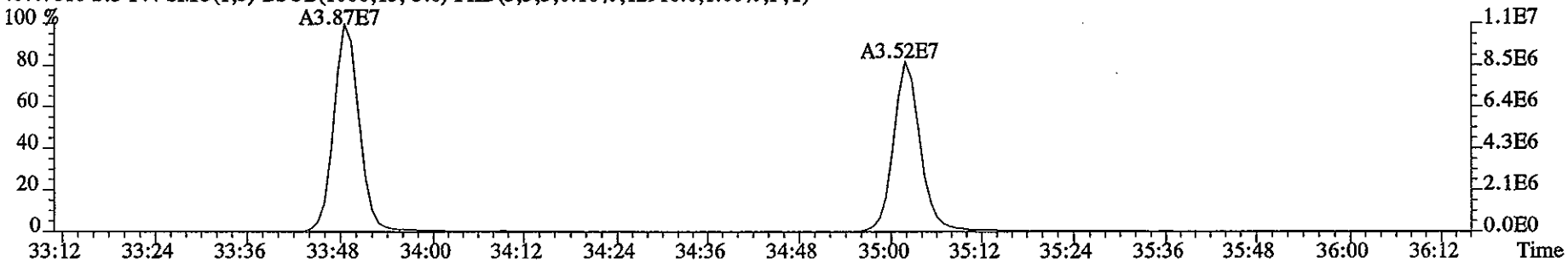
380.9760 S:3 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



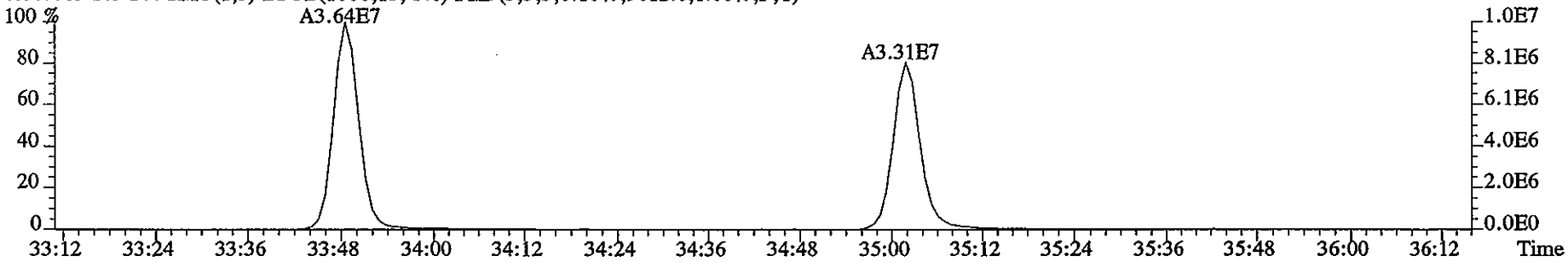
File:09DE051D5 #1-218 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
430.9728 S:3 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



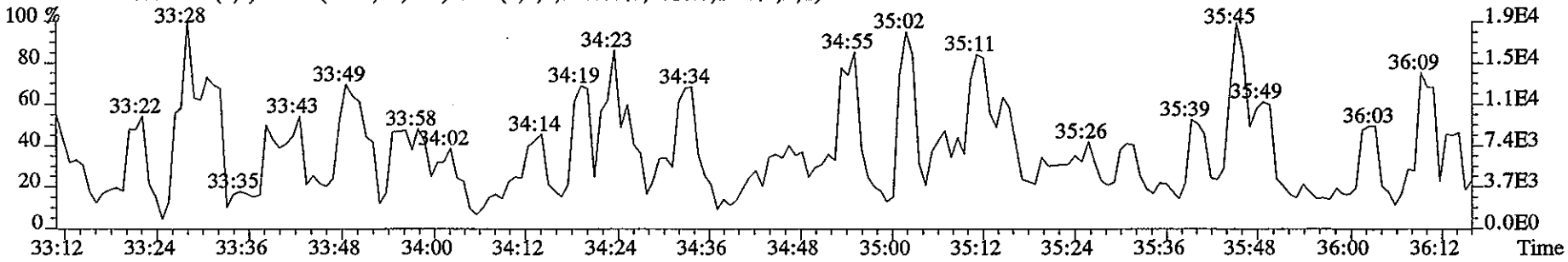
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12916.0,1.00%,F,T)



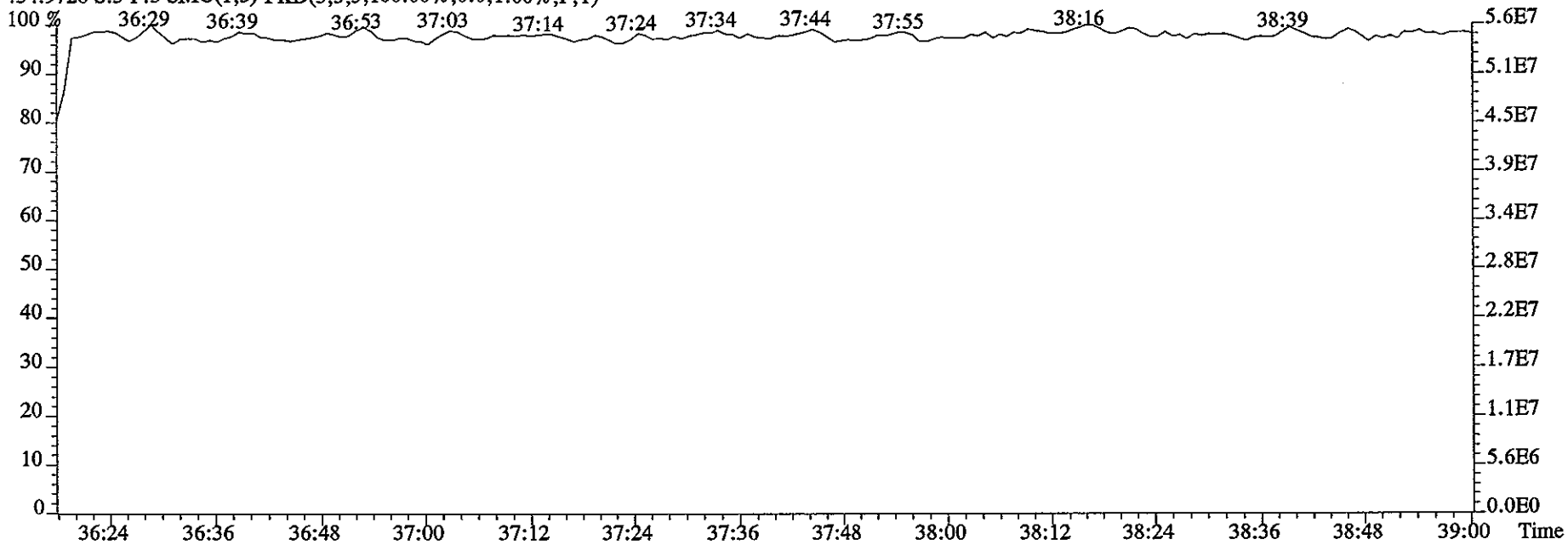
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9612.0,1.00%,F,T)



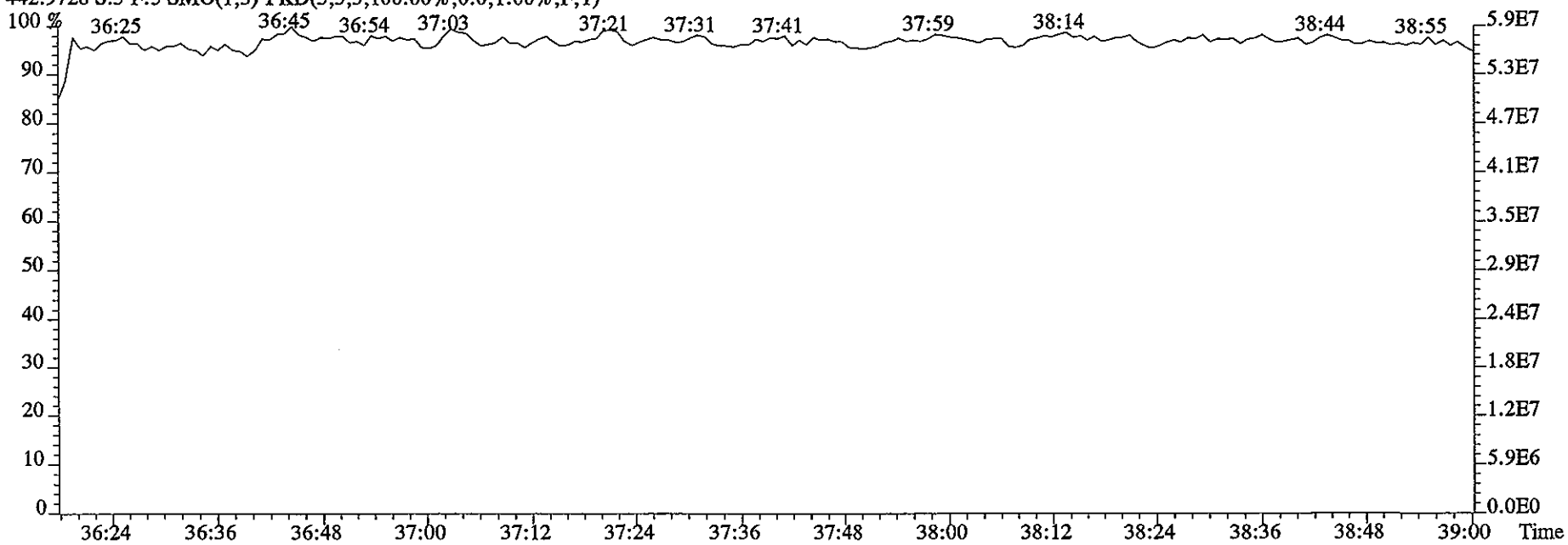
479.7165 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5816.0,1.00%,F,T)



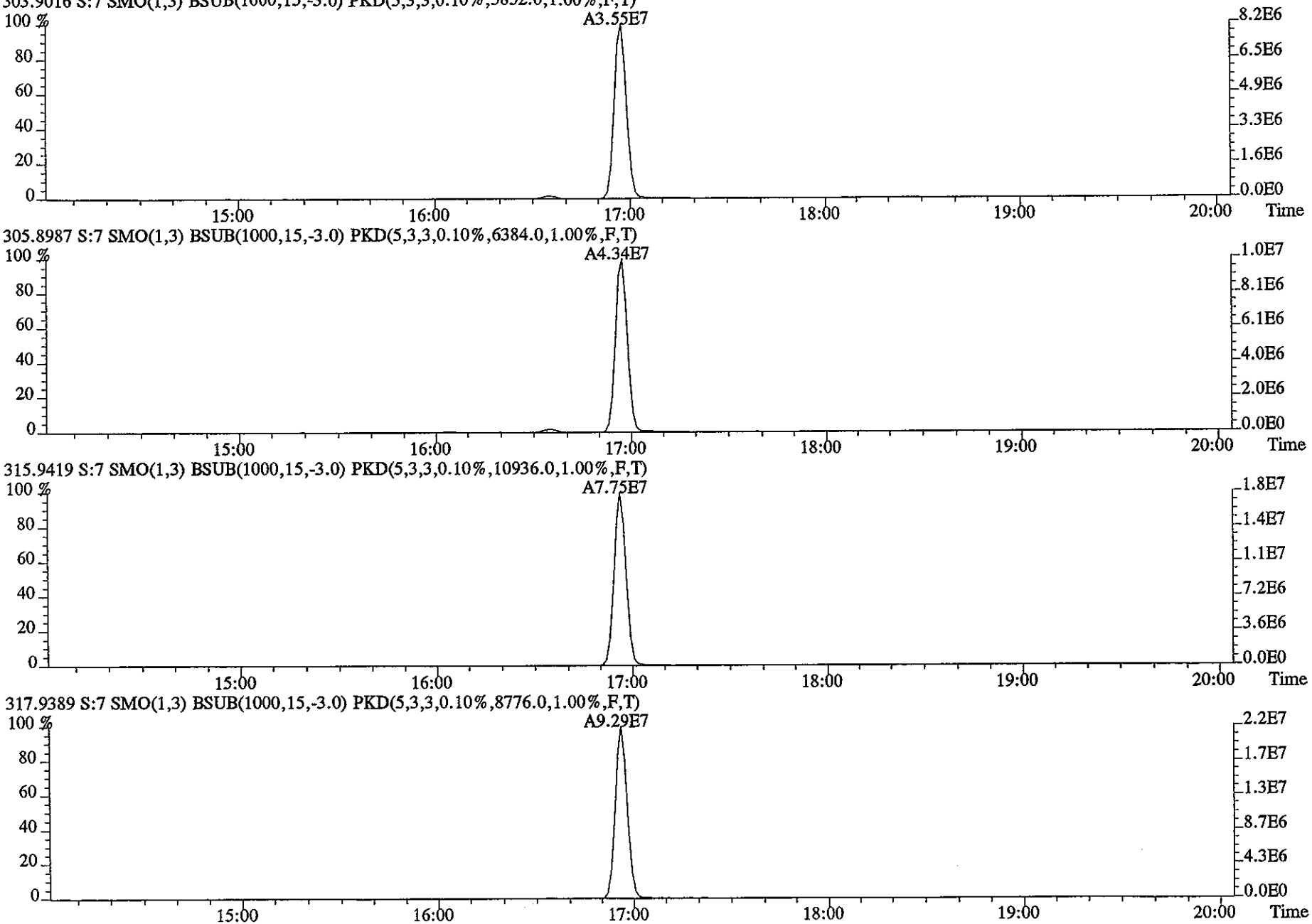
File:09DE051D5 #1-196 Acq: 9-DEC-2005 10:17:59 GC EI+ Voltage SIR 70SE
Sample#3 Text:ST1209A :CS3 2565-41C Exp:DIOXIN
454.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



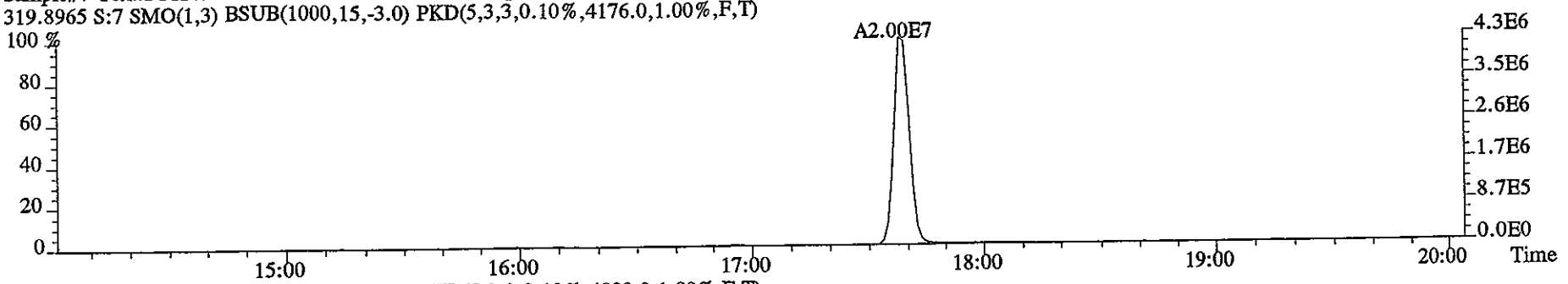
442.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

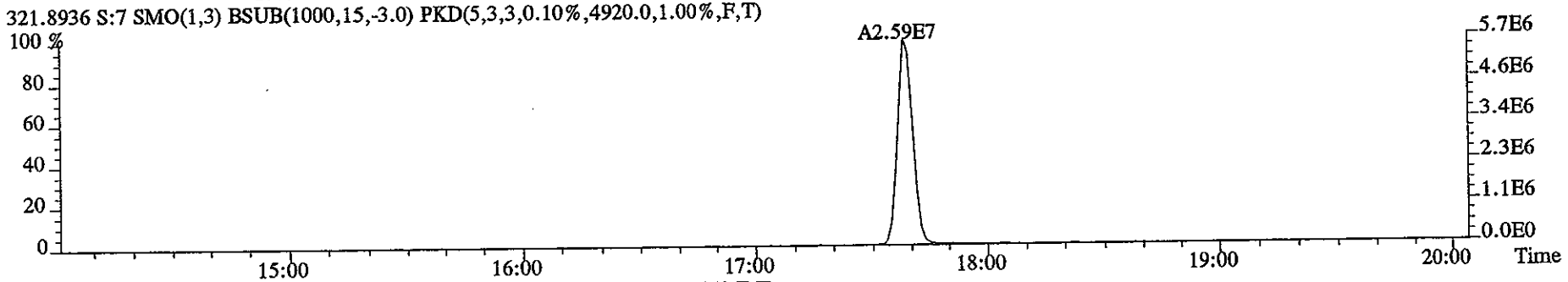


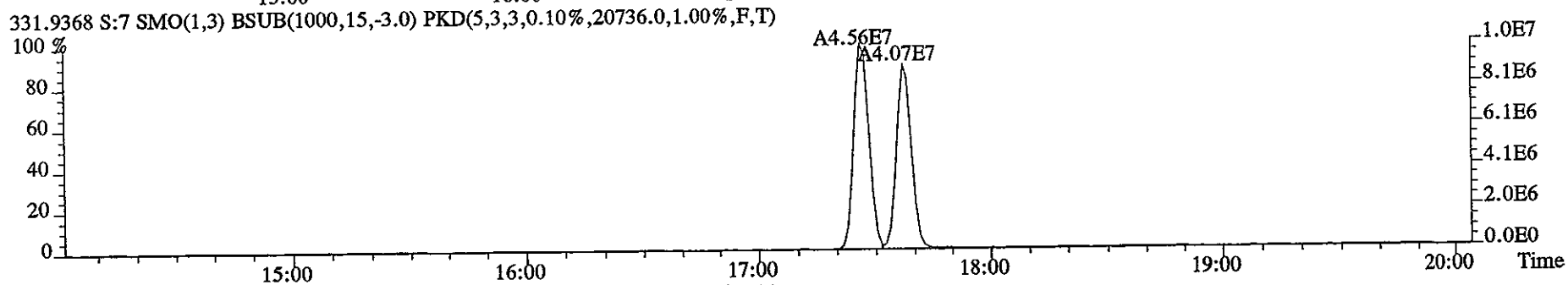
File:09DE051D5 #1-329 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN

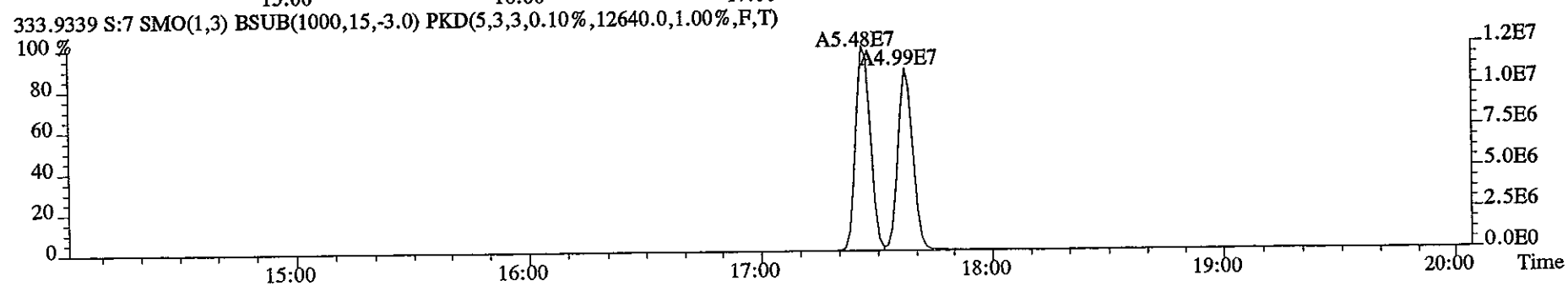


File:09DE051D5 #1-329 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN

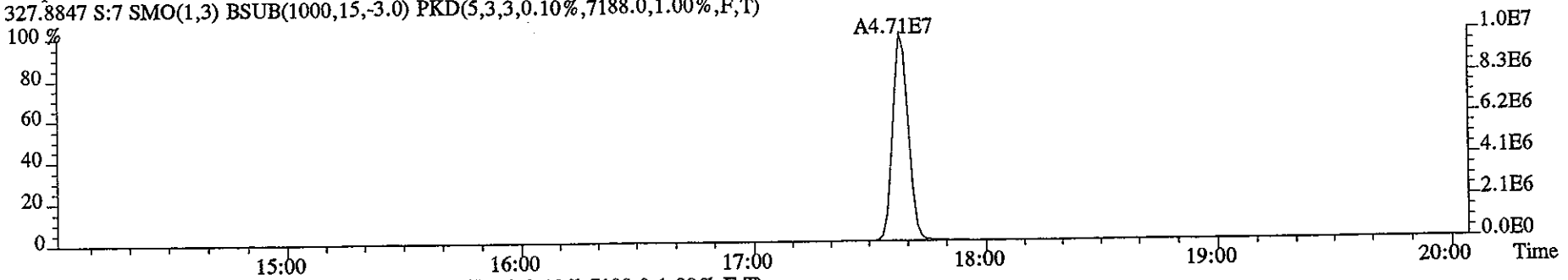




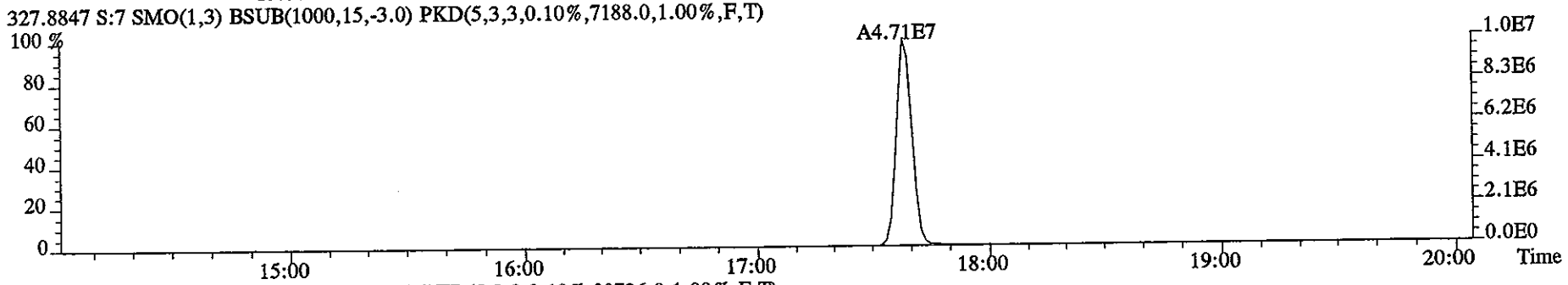




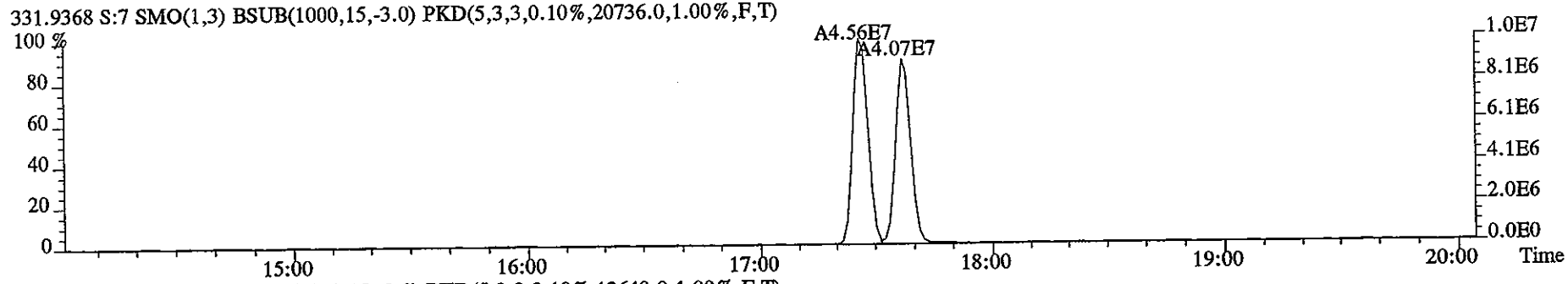
File:09DE051D5 #1-329 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
327.8847 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7188.0,1.00%,F,T)



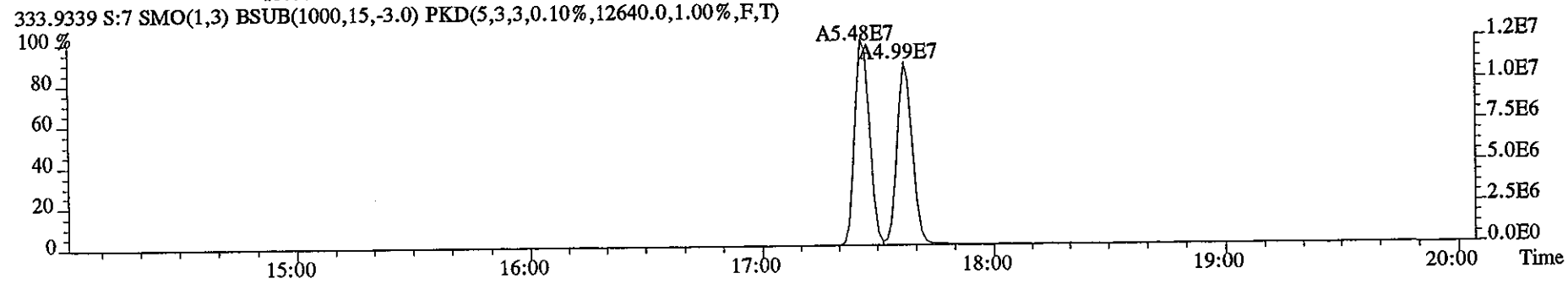
327.8847 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7188.0,1.00%,F,T)



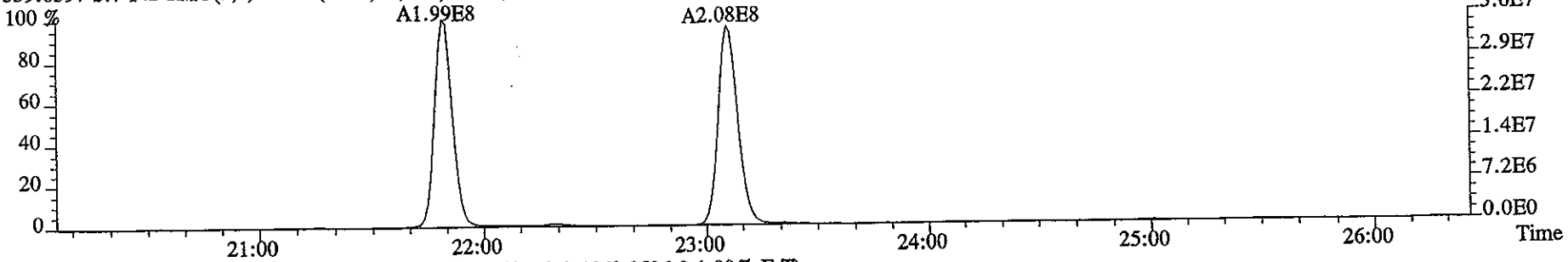
331.9368 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20736.0,1.00%,F,T)



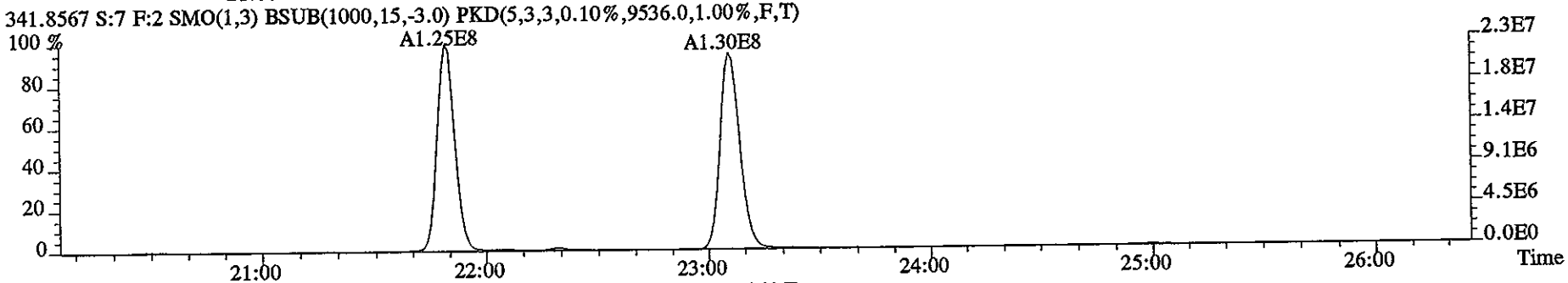
333.9339 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12640.0,1.00%,F,T)



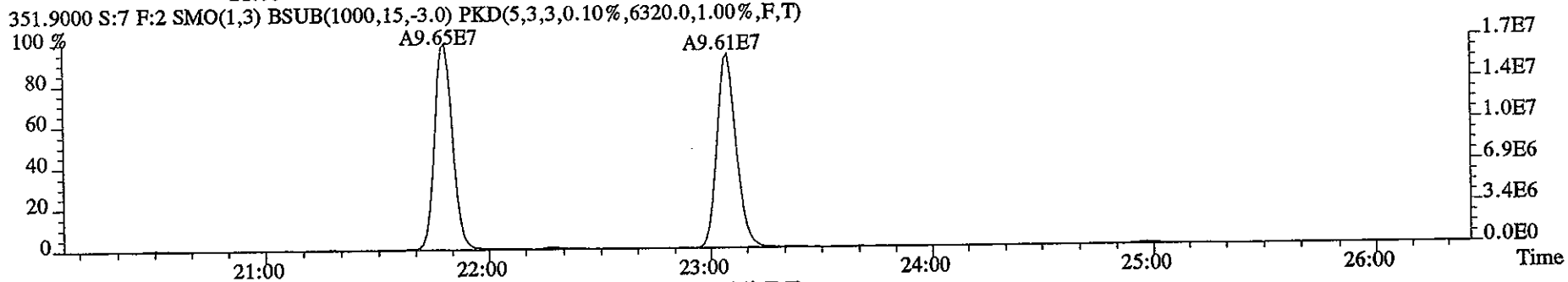
File:09DE051D5 #1-447 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
339.8597 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12216.0,1.00%,F,T)



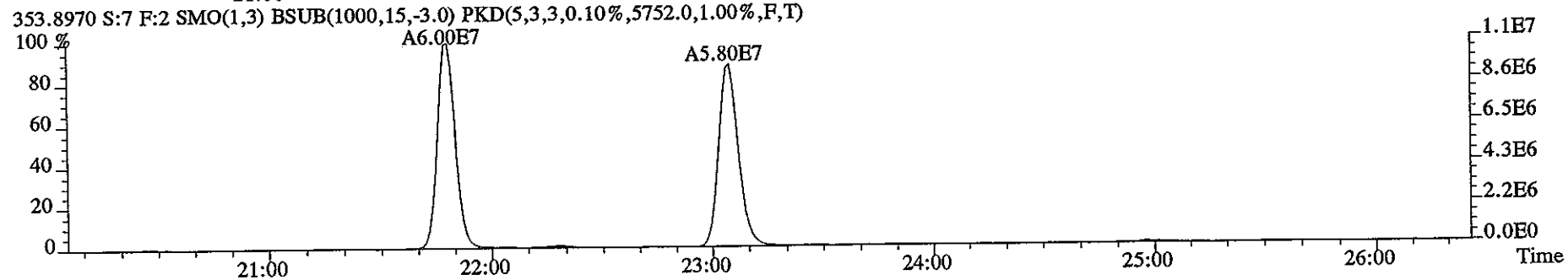
341.8567 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9536.0,1.00%,F,T)



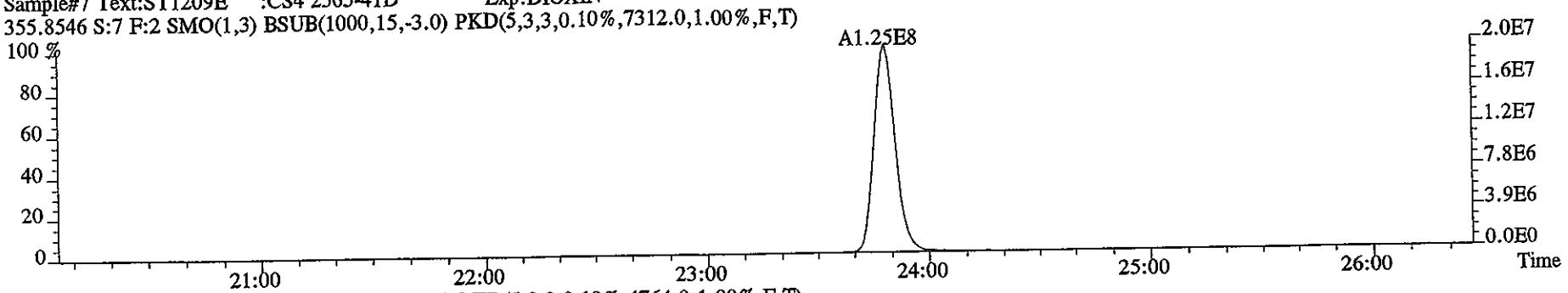
351.9000 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6320.0,1.00%,F,T)

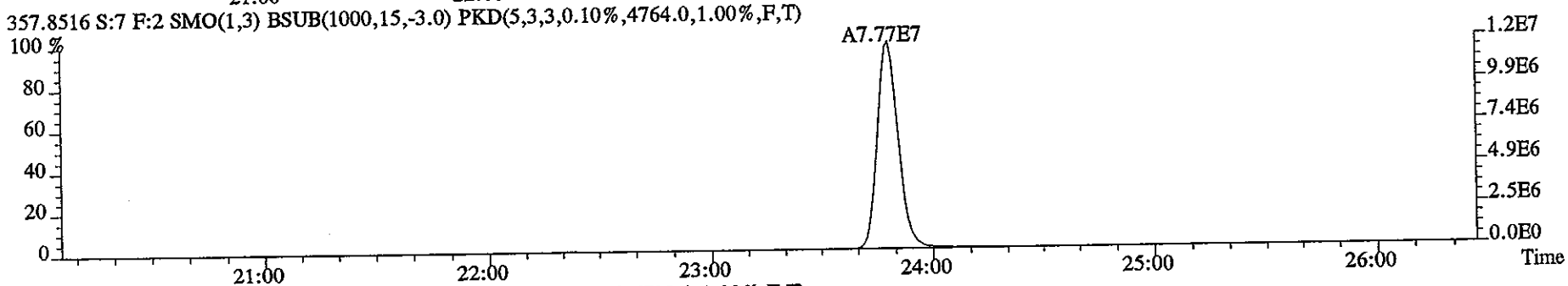


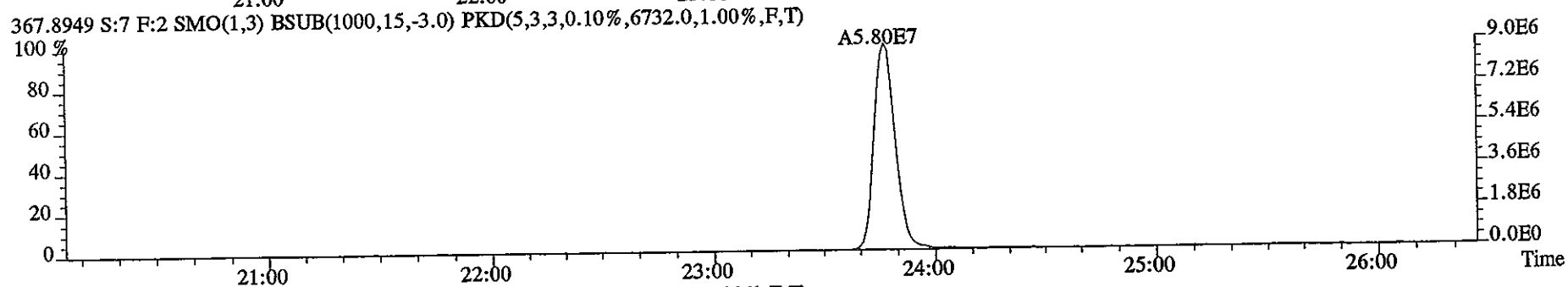
353.8970 S:7 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5752.0,1.00%,F,T)

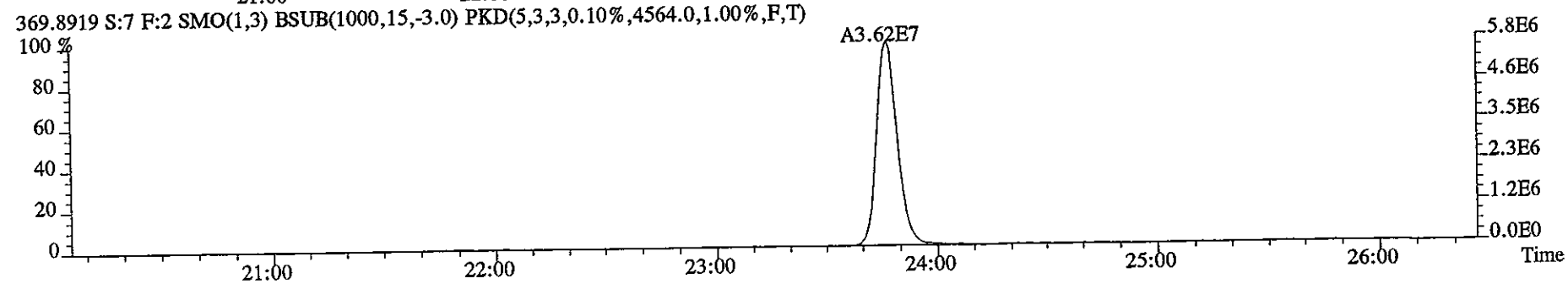


File:09DE051D5 #1-447 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN



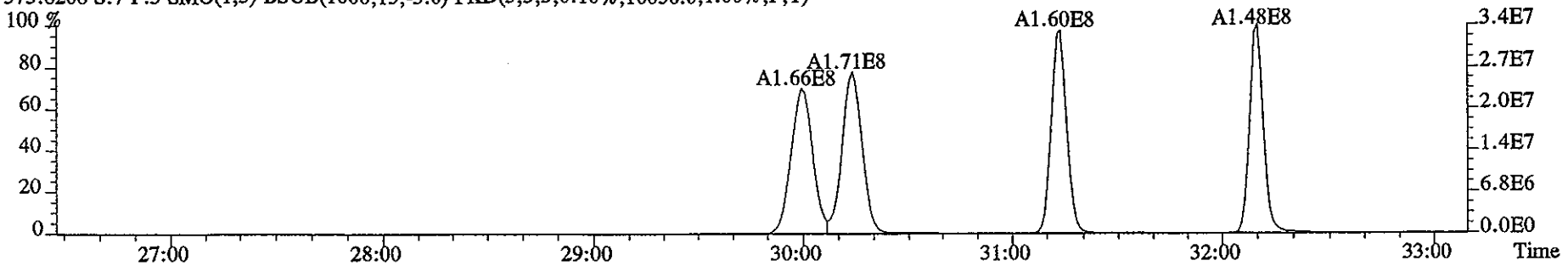




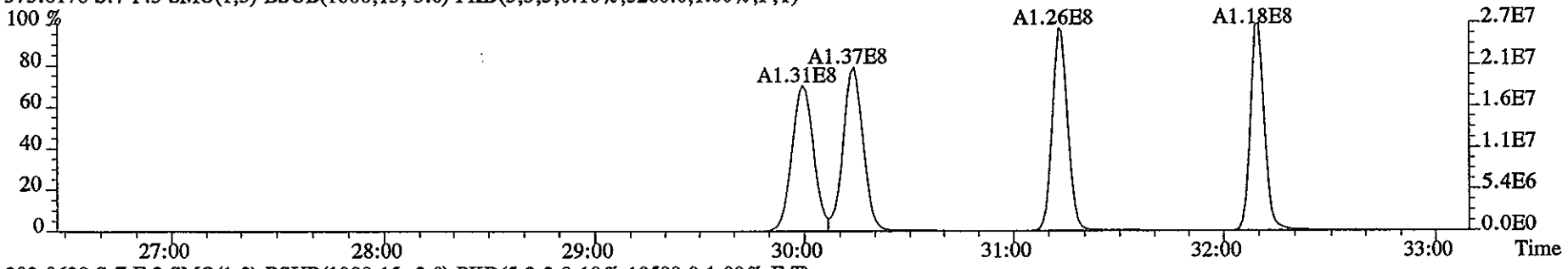


File:09DE051D5 #1-451 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN

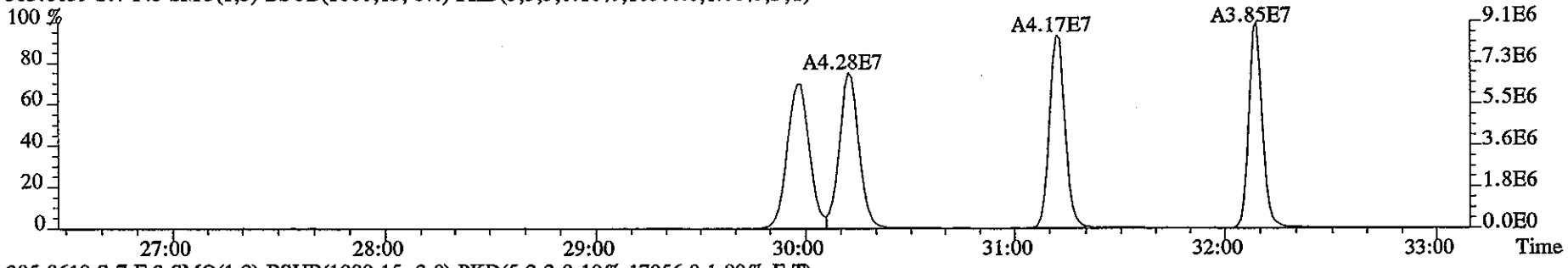
373.8208 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16056.0,1.00%,F,T)



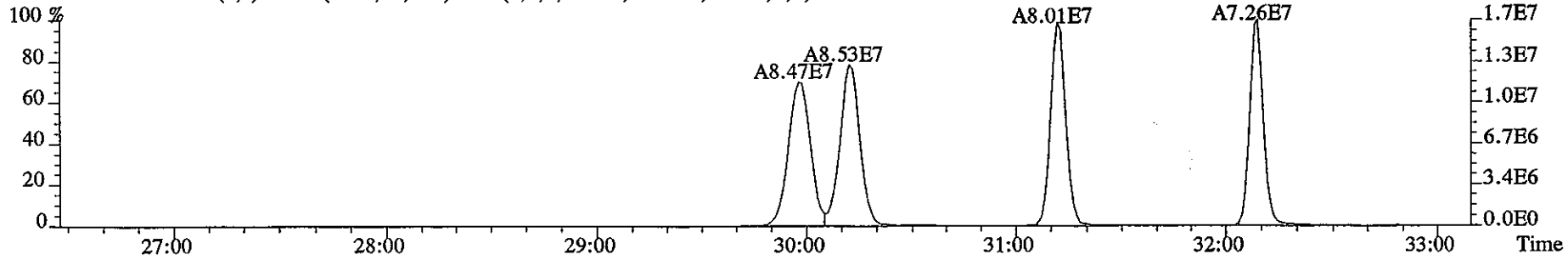
375.8178 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5260.0,1.00%,F,T)



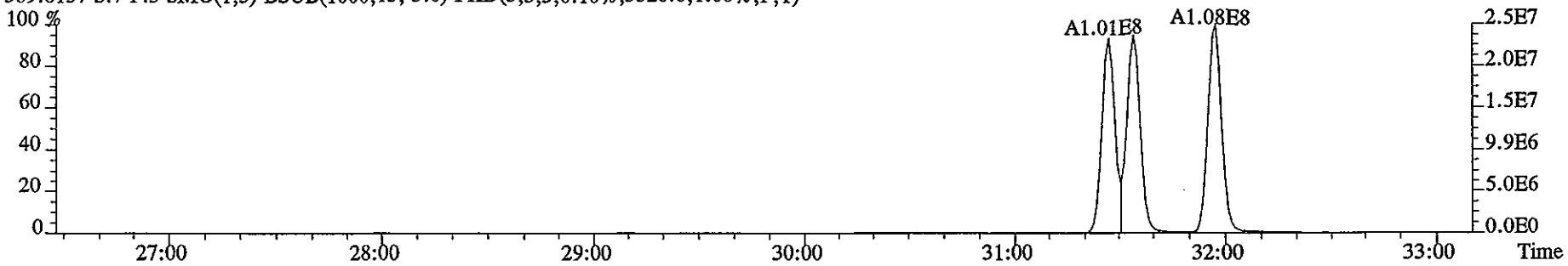
383.8639 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10500.0,1.00%,F,T)



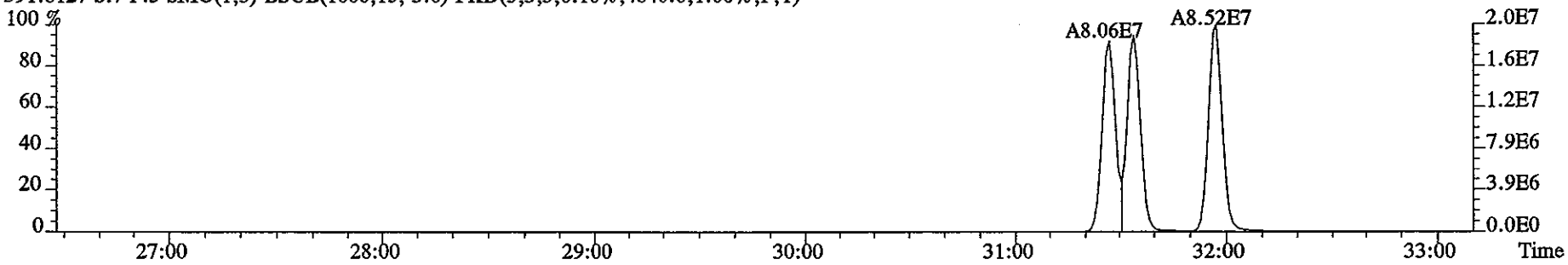
385.8610 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17056.0,1.00%,F,T)



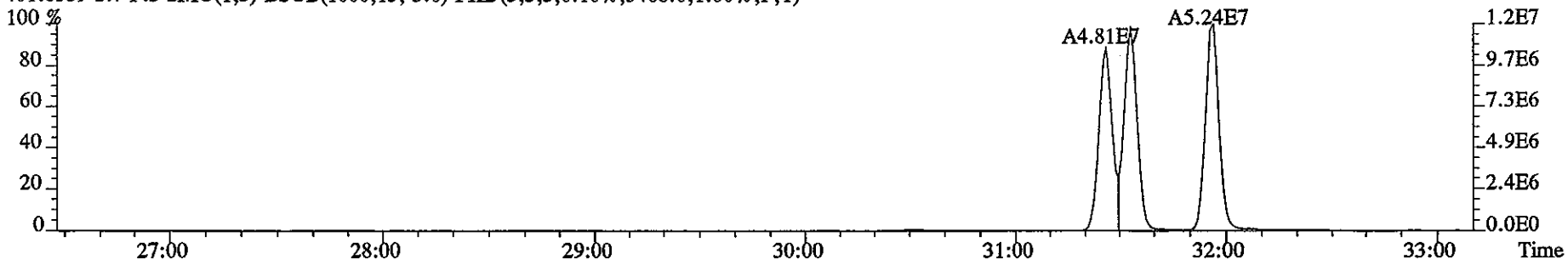
File:09DE051D5 #1-451 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
389.8157 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3520.0,1.00%,F,T)



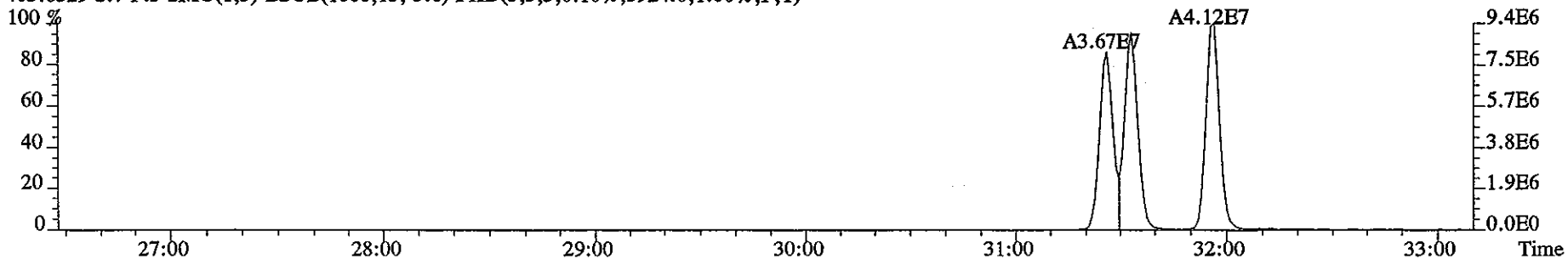
391.8127 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4840.0,1.00%,F,T)



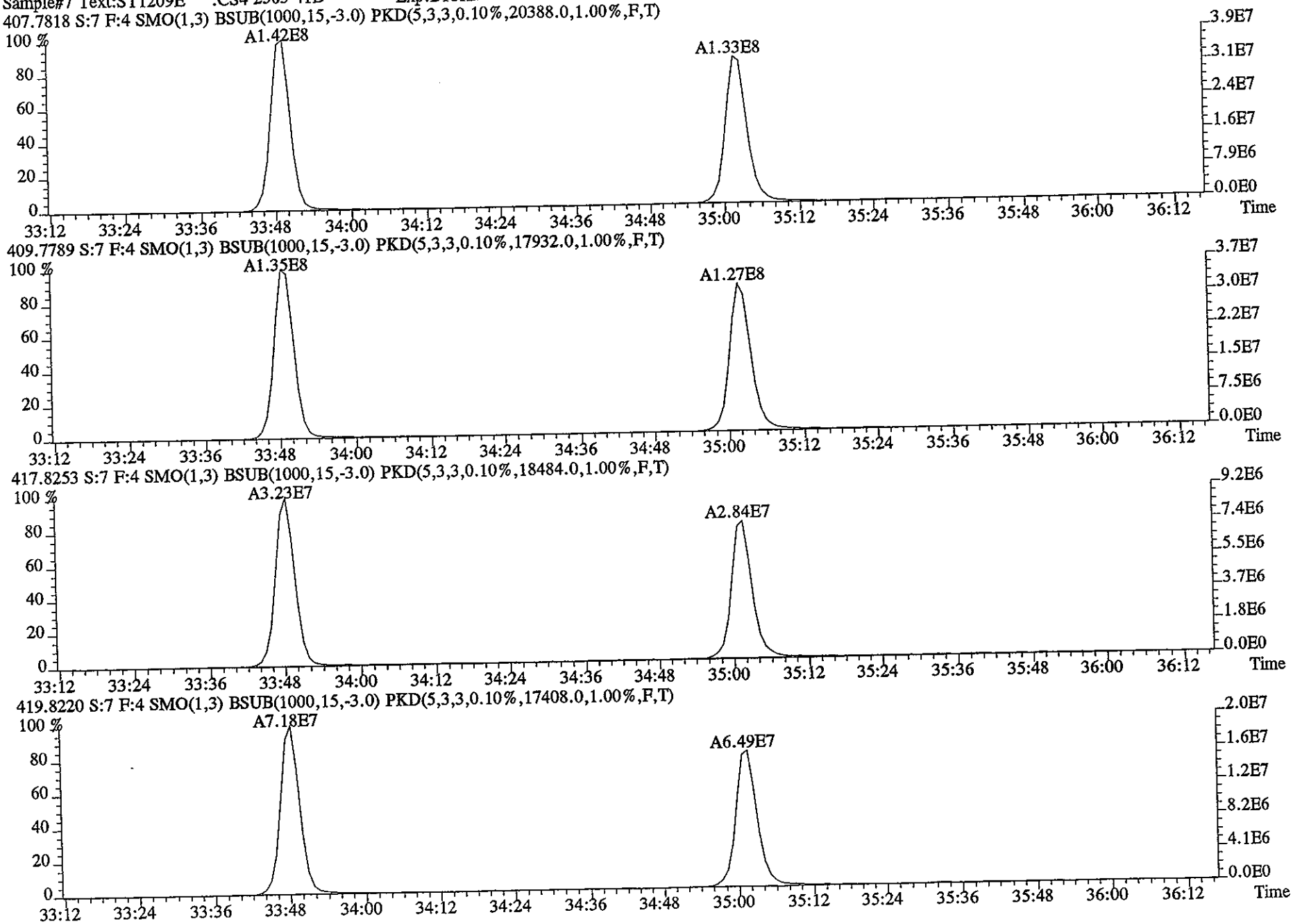
401.8559 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5468.0,1.00%,F,T)



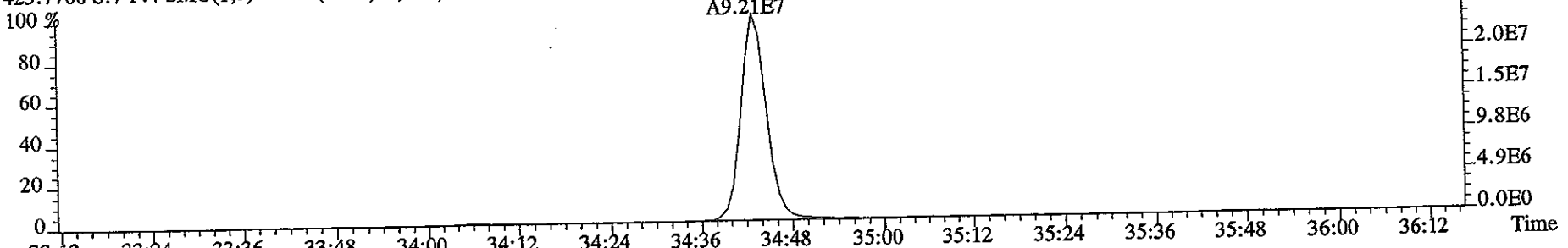
403.8529 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5924.0,1.00%,F,T)



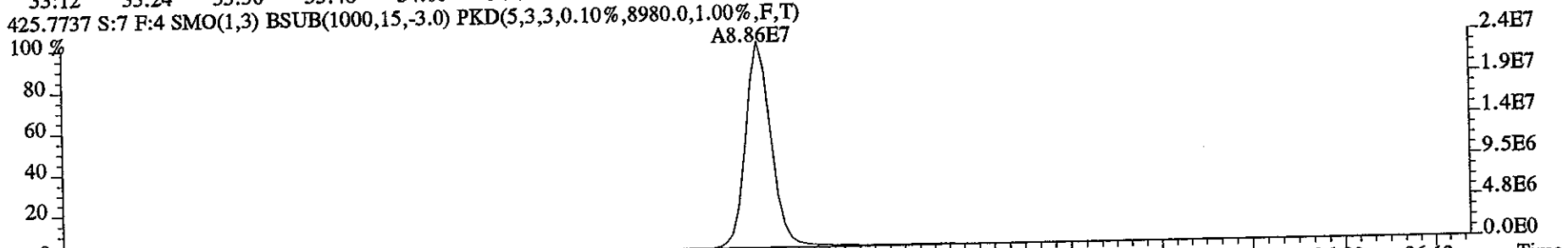
File:09DE051D5 #1-218 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN



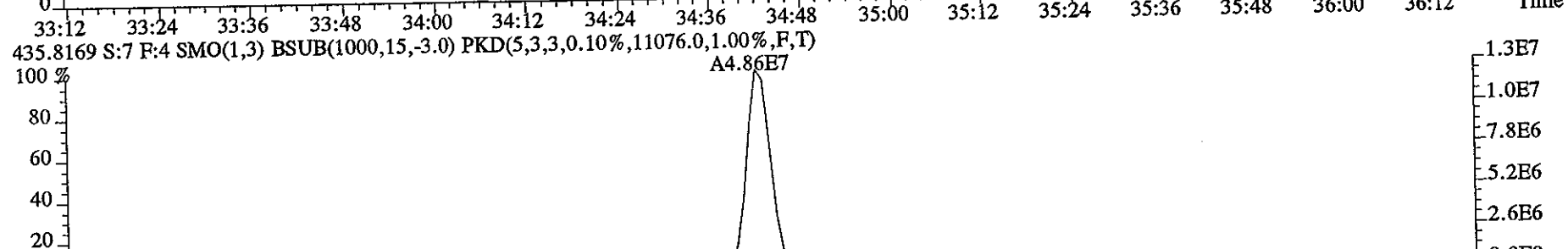
File:09DE051D5 #1-218 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
423.7766 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7760.0,1.00%,F,T)



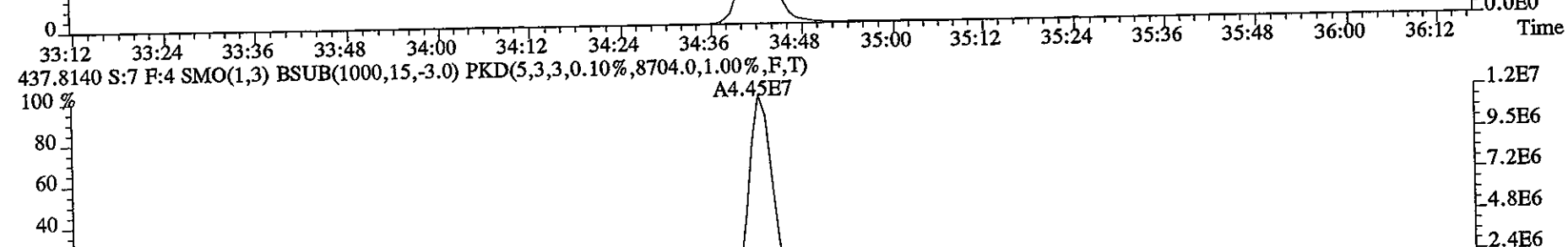
425.7737 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8980.0,1.00%,F,T)



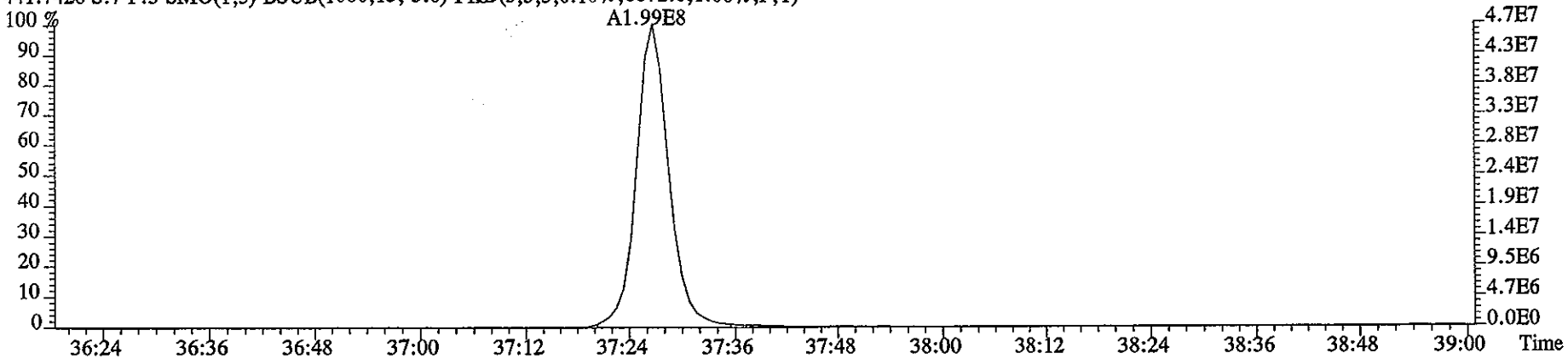
435.8169 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11076.0,1.00%,F,T)



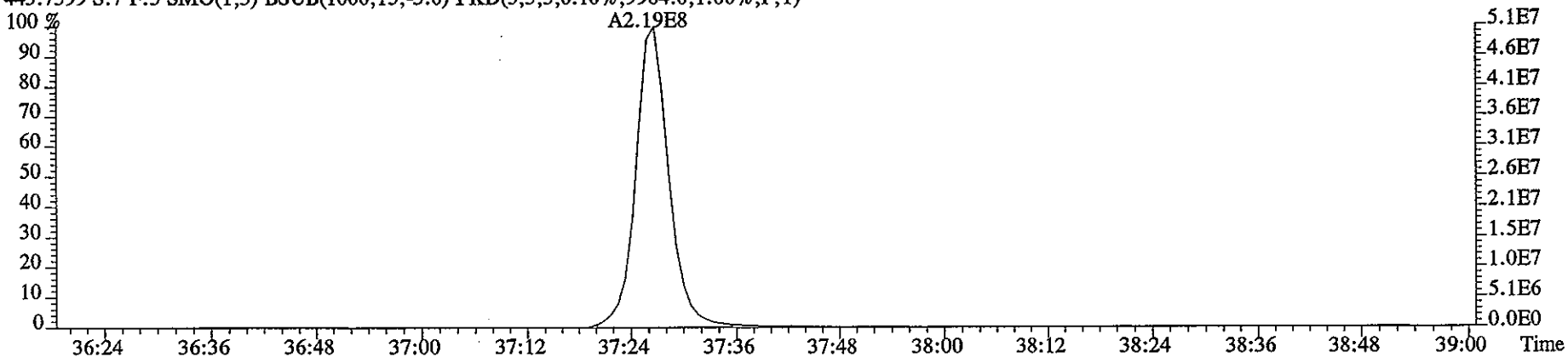
437.8140 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8704.0,1.00%,F,T)



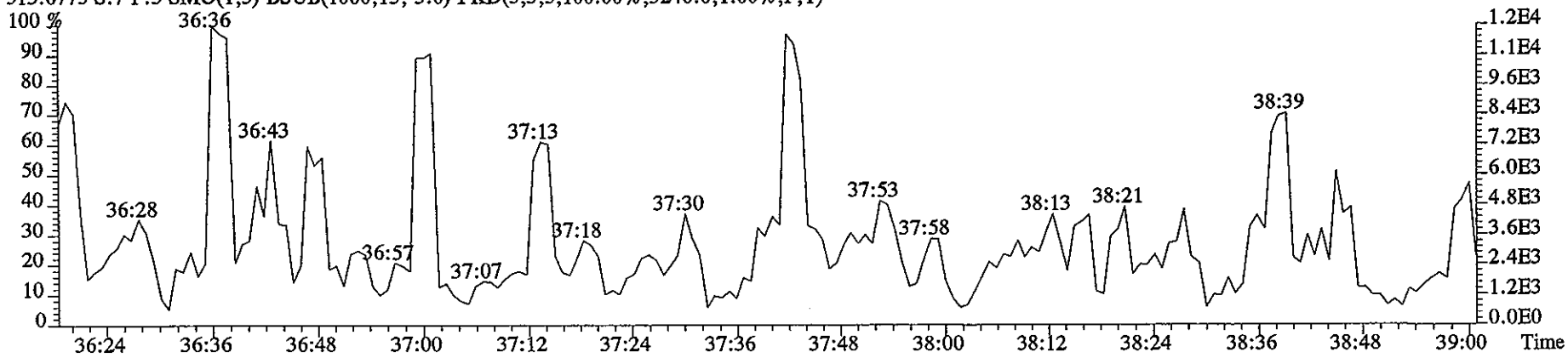
File:09DE051D5 #1-196 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
441.7428 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6872.0,1.00%,F,T)



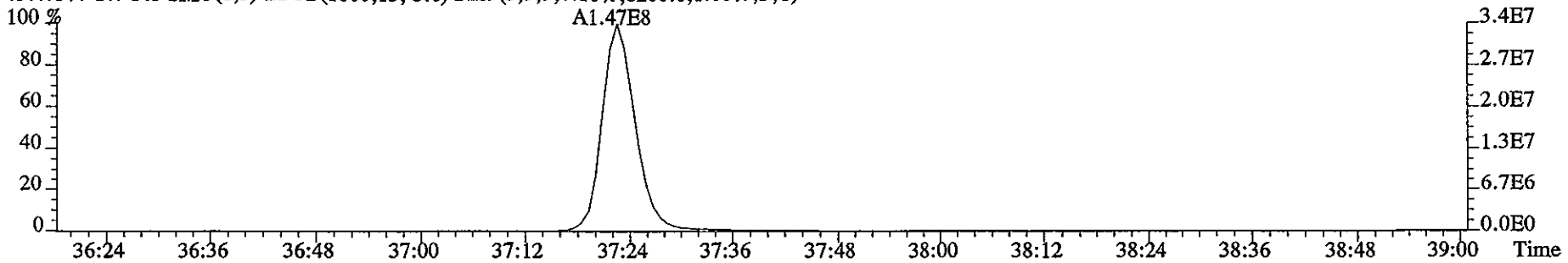
443.7399 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9984.0,1.00%,F,T)



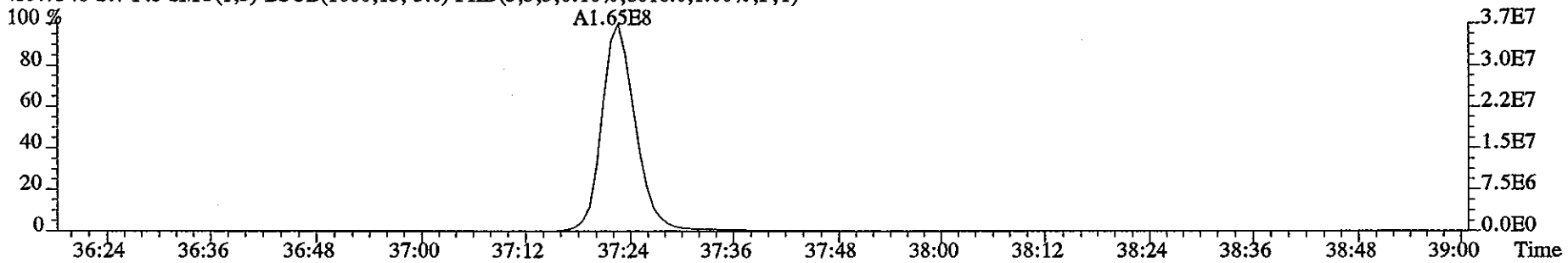
513.6775 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,3240.0,1.00%,F,T)



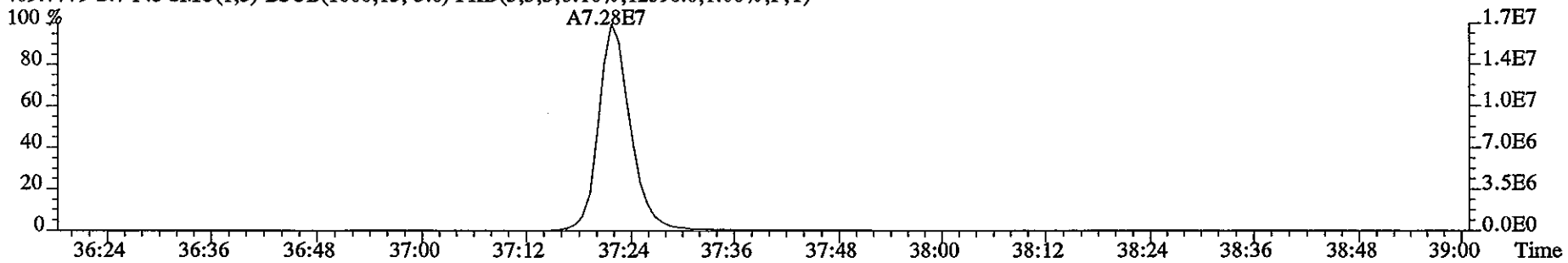
File:09DE051D5 #1-196 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
457.7377 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8200.0,1.00%,F,T)



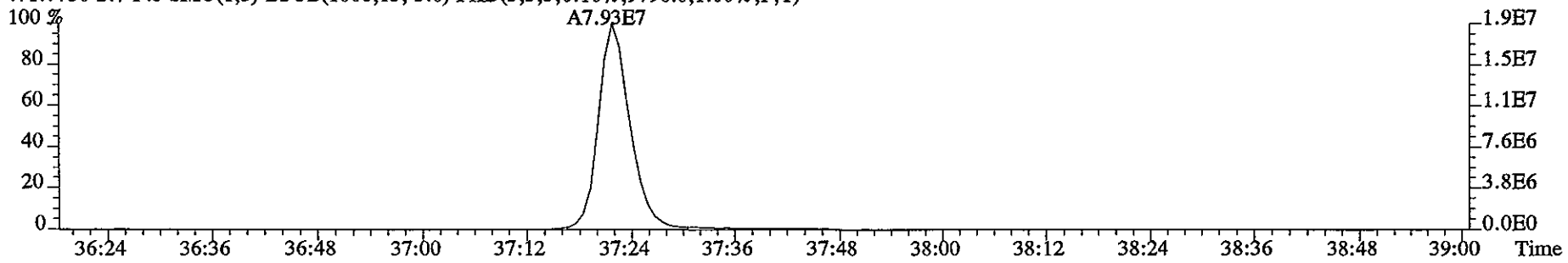
459.7348 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8016.0,1.00%,F,T)



469.7779 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12596.0,1.00%,F,T)

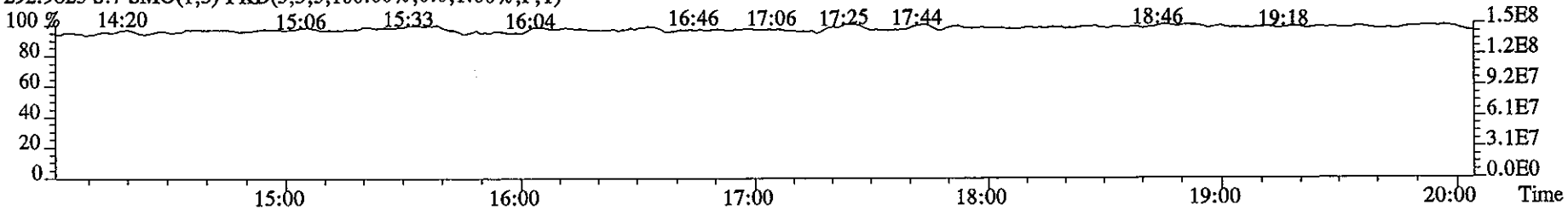


471.7750 S:7 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9796.0,1.00%,F,T)

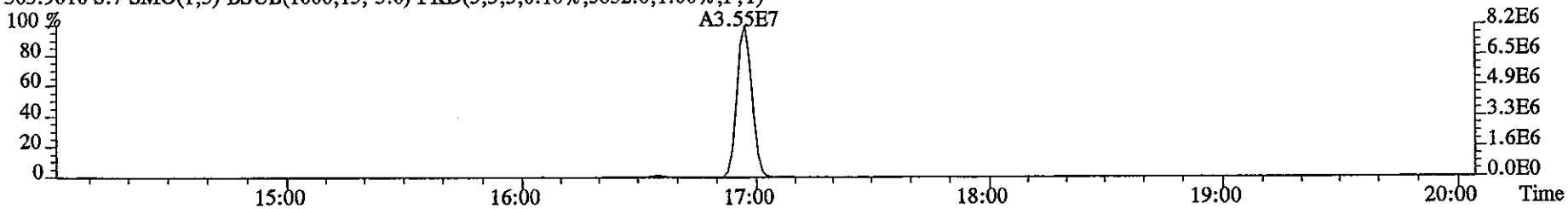


File:09DE051D5 #1-329 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN

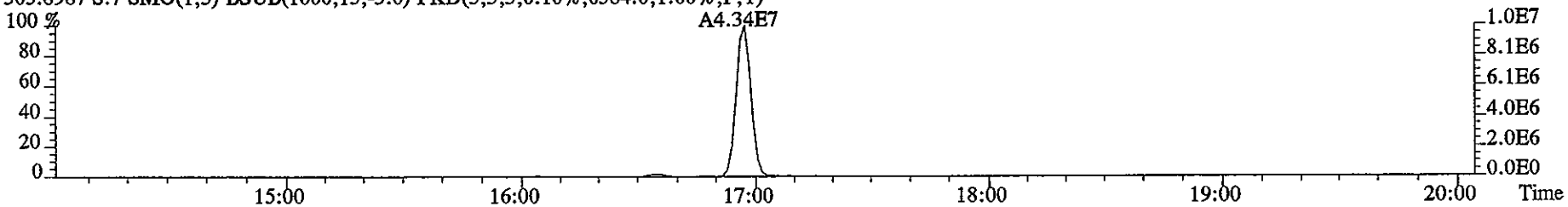
292.9825 S:7 SMO(1,3) PKD(5,3,5,100.00%,0.0,1.00%,F,T)



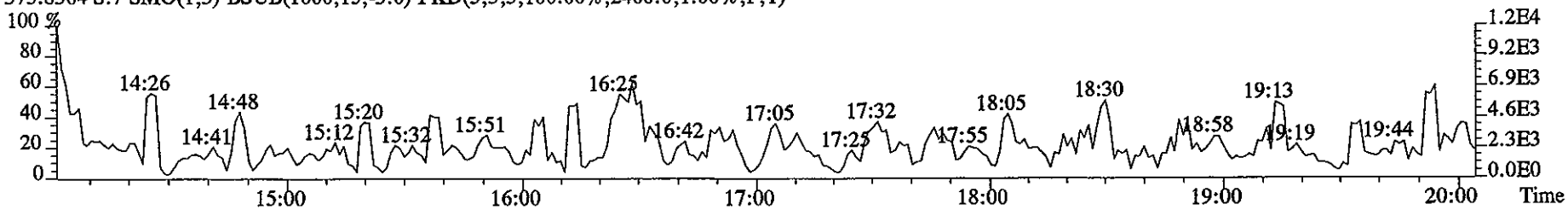
303.9016 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5852.0,1.00%,F,T)



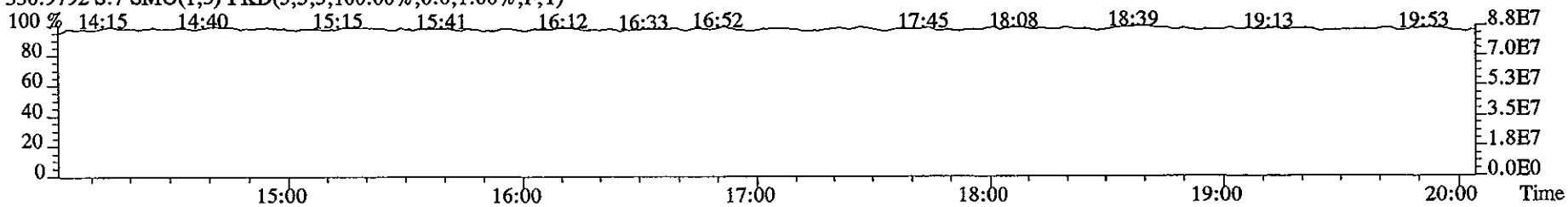
305.8987 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6384.0,1.00%,F,T)



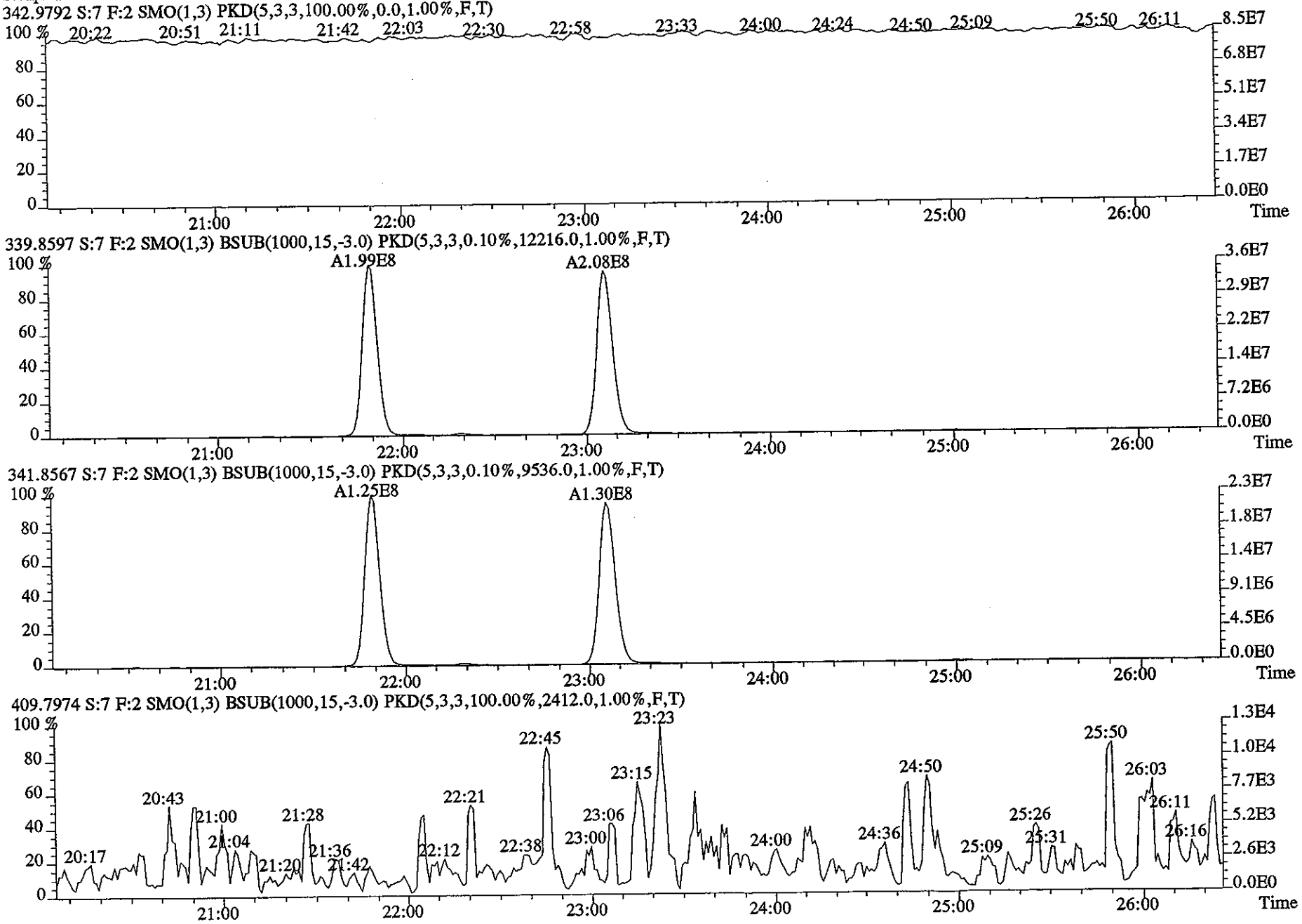
375.8364 S:7 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2460.0,1.00%,F,T)



330.9792 S:7 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

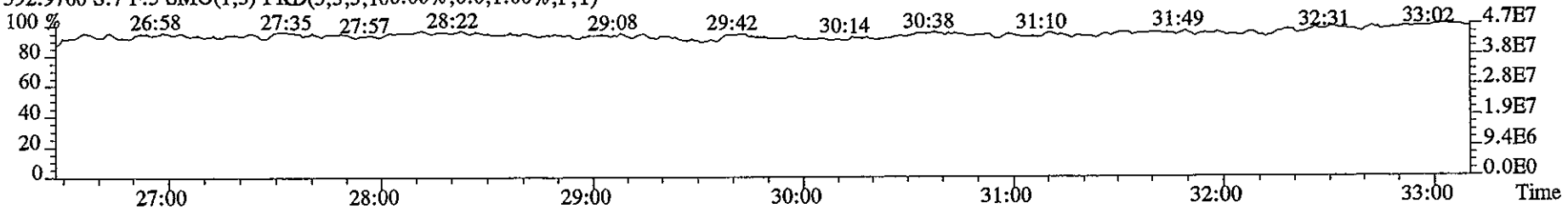


File:09DE051D5 #1-447 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN

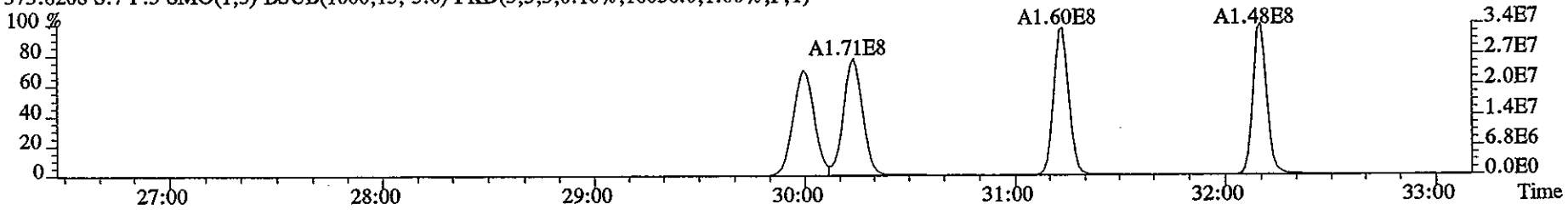


File:09DE051D5 #1-451 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN

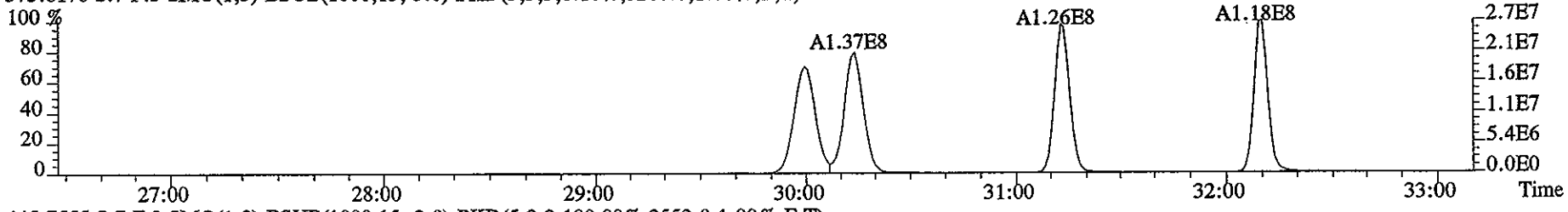
392.9760 S:7 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



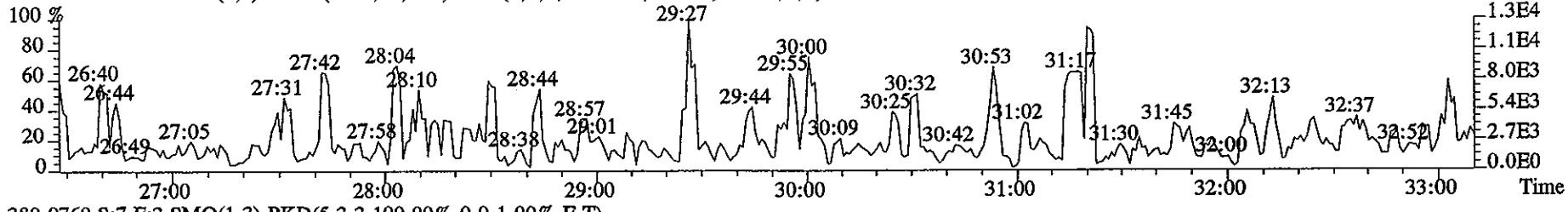
373.8208 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16056.0,1.00%,F,T)



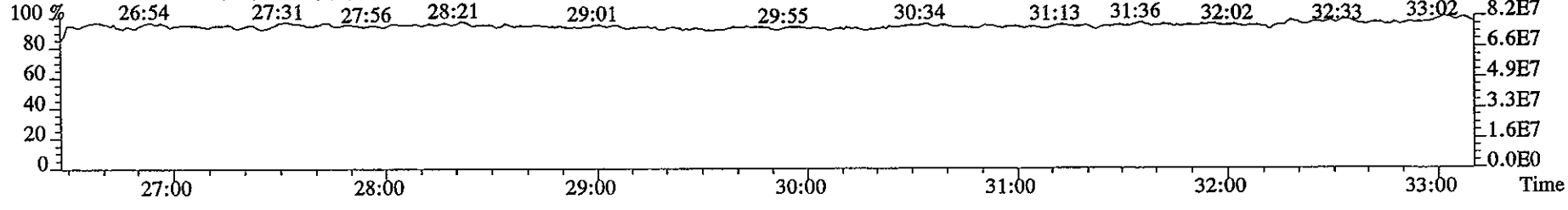
375.8178 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5260.0,1.00%,F,T)



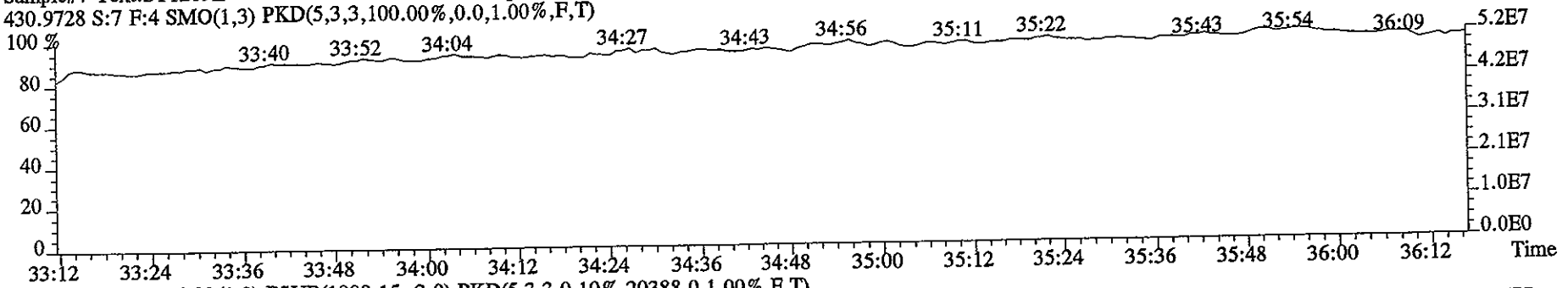
445.7555 S:7 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2552.0,1.00%,F,T)



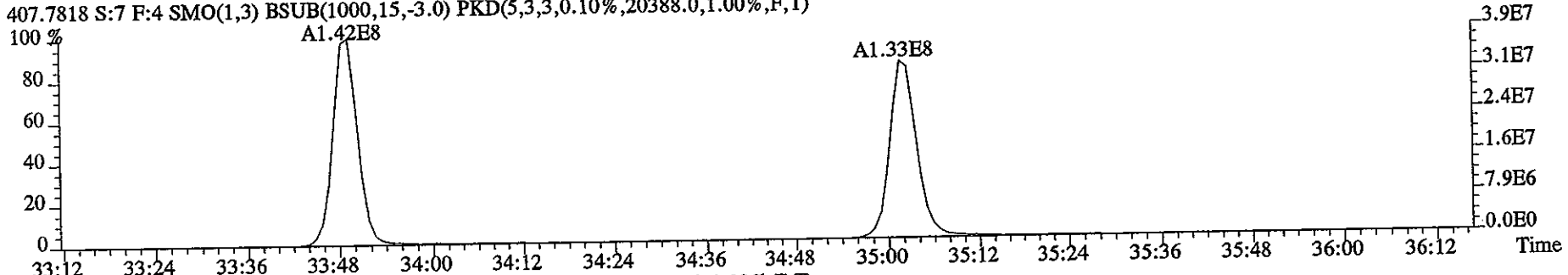
380.9760 S:7 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



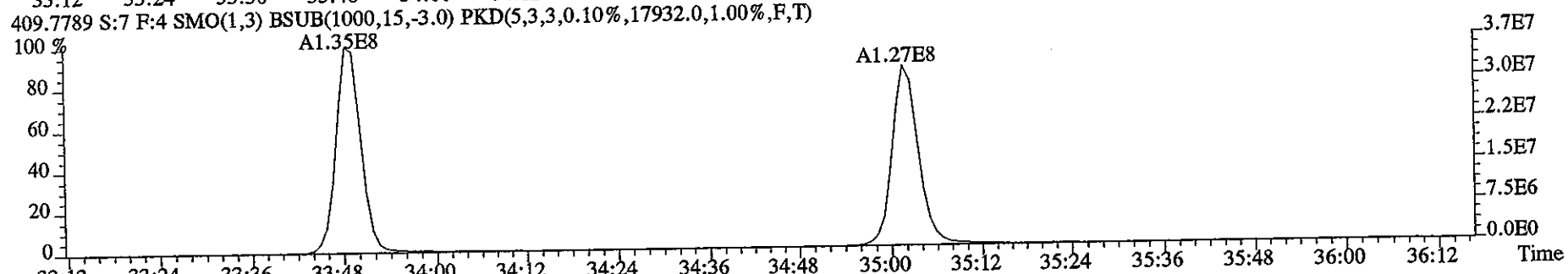
File:09DE051D5 #1-218 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
430.9728 S:7 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



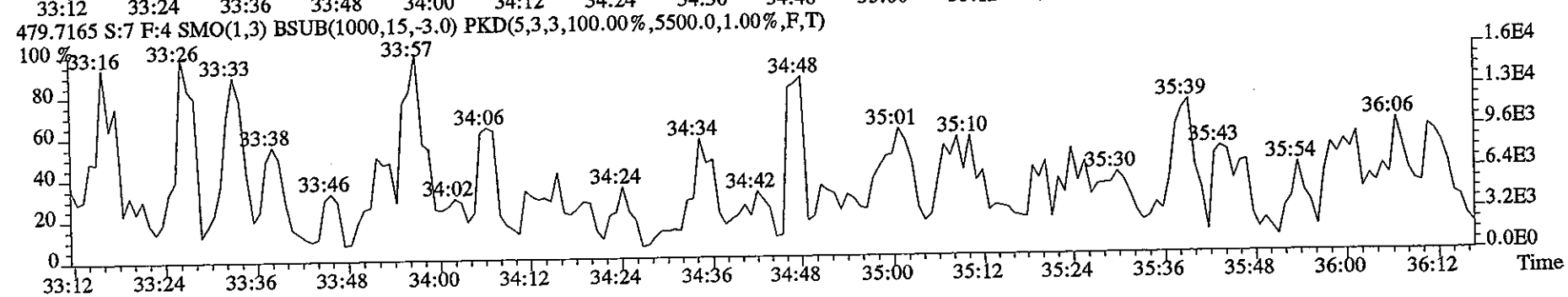
407.7818 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,20388.0,1.00%,F,T)



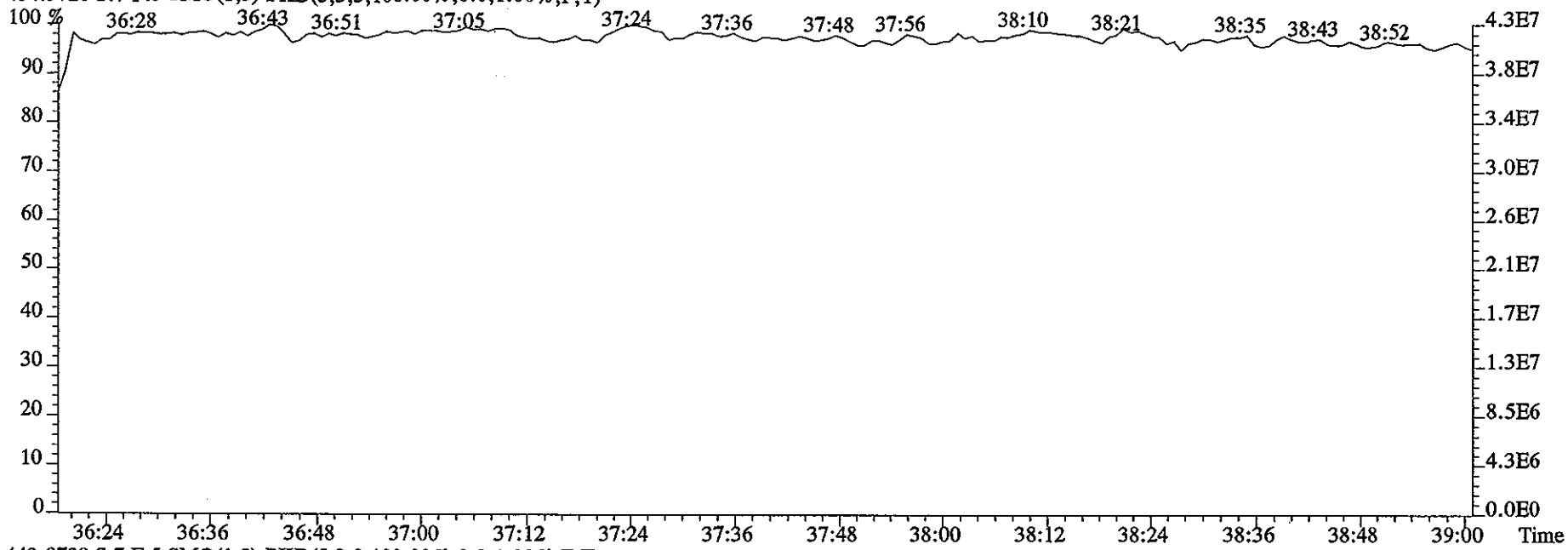
409.7789 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,17932.0,1.00%,F,T)



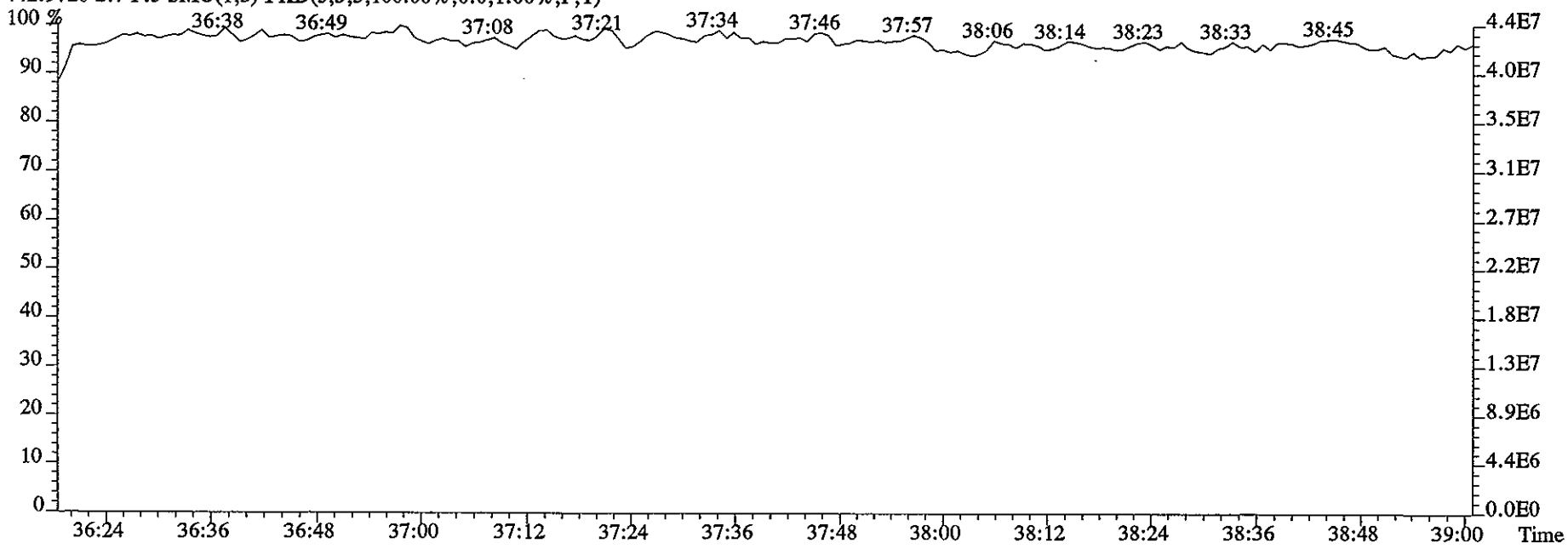
479.7165 S:7 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,5500.0,1.00%,F,T)



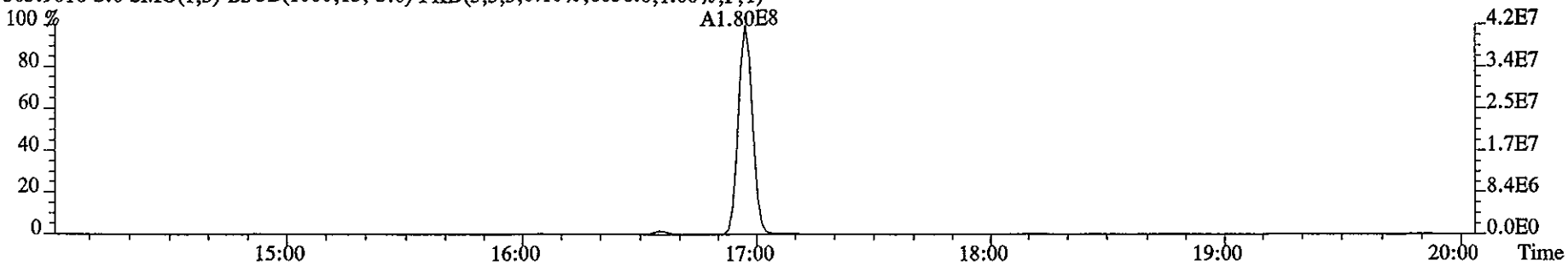
File:09DE051D5 #1-196 Acq: 9-DEC-2005 13:04:43 GC EI+ Voltage SIR 70SE
Sample#7 Text:ST1209E :CS4 2565-41D Exp:DIOXIN
454.9728 S:7 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



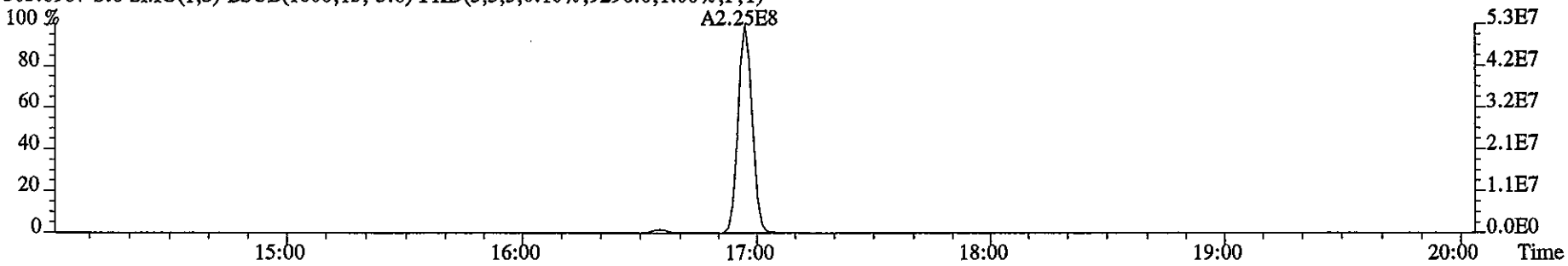
442.9728 S:7 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



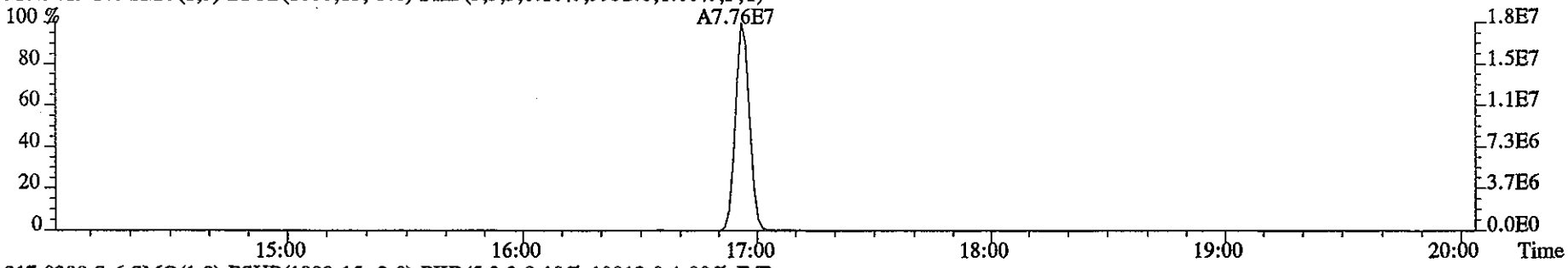
File:09DE051D5 #1-329 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
303.9016 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6856.0,1.00%,F,T)



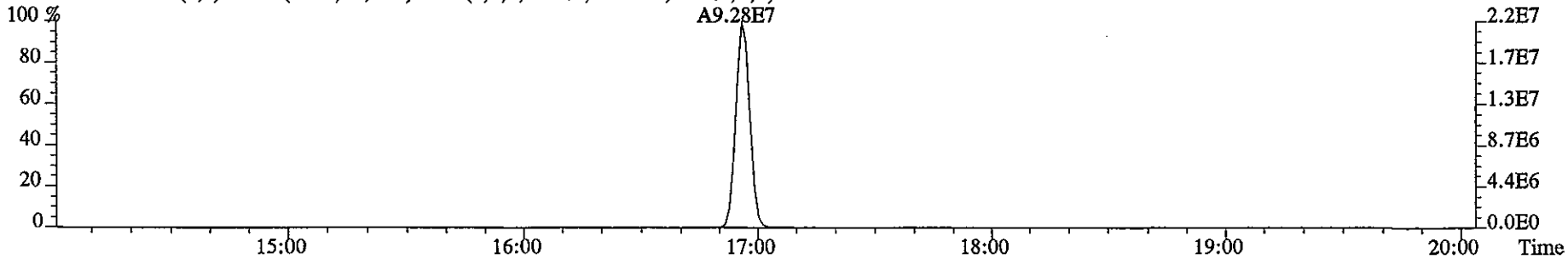
305.8987 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9296.0,1.00%,F,T)



315.9419 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9932.0,1.00%,F,T)

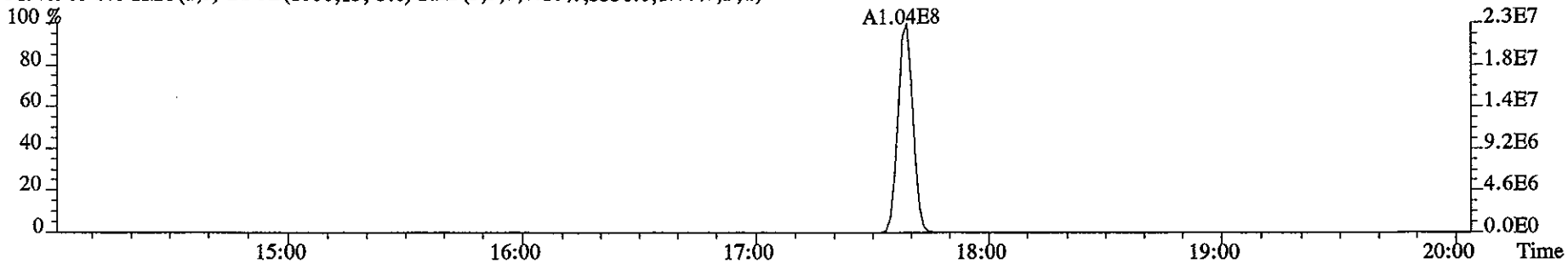


317.9389 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10912.0,1.00%,F,T)

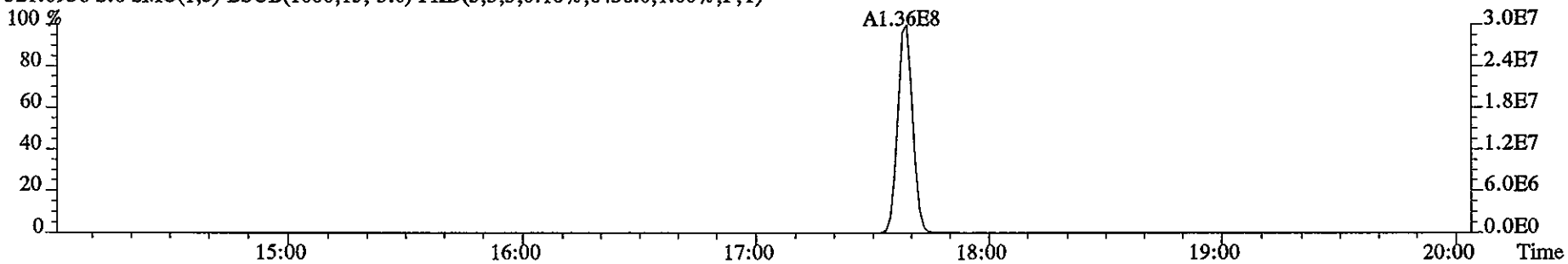


File:09DE051D5 #1-329 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN

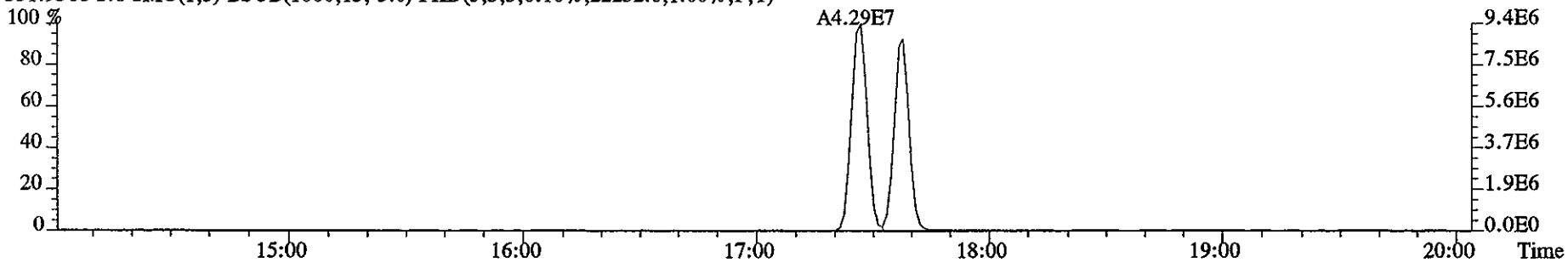
319.8965 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5536.0,1.00%,F,T)



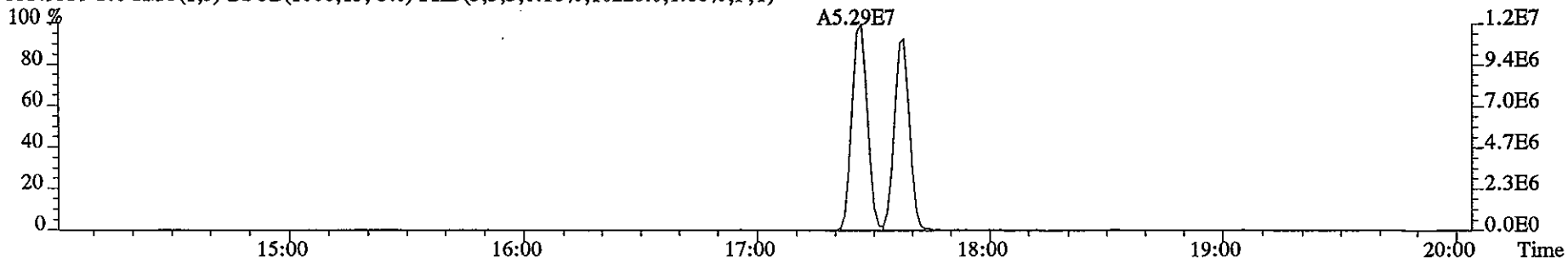
321.8936 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6436.0,1.00%,F,T)



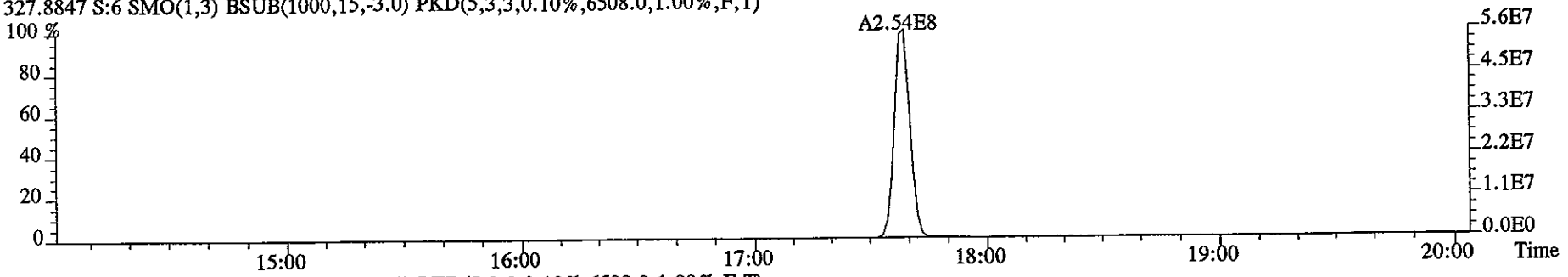
331.9368 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,22232.0,1.00%,F,T)



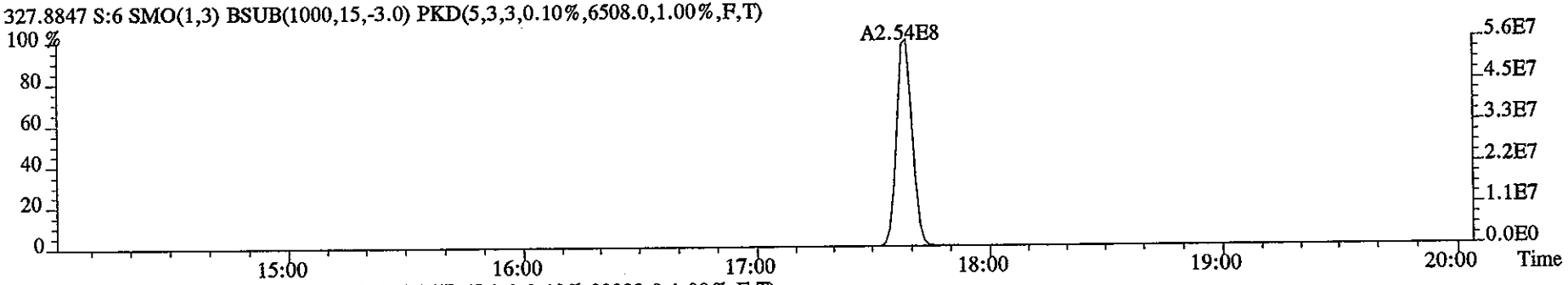
333.9339 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10220.0,1.00%,F,T)



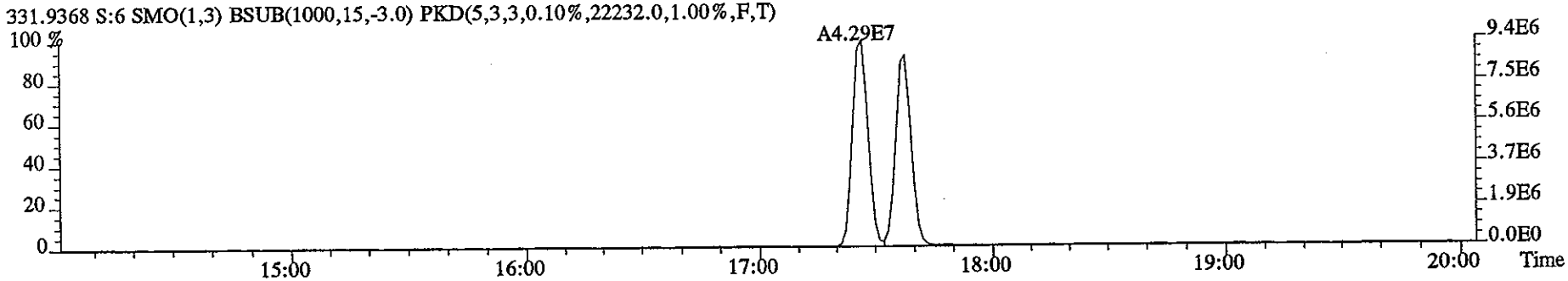
File:09DE051D5 #1-329 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
327.8847 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6508.0,1.00%,F,T)



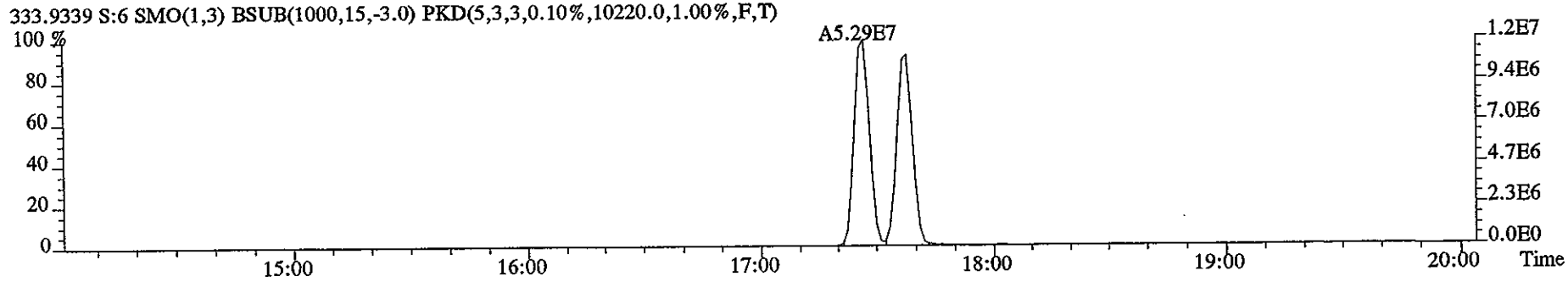
327.8847 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6508.0,1.00%,F,T)



331.9368 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,22232.0,1.00%,F,T)

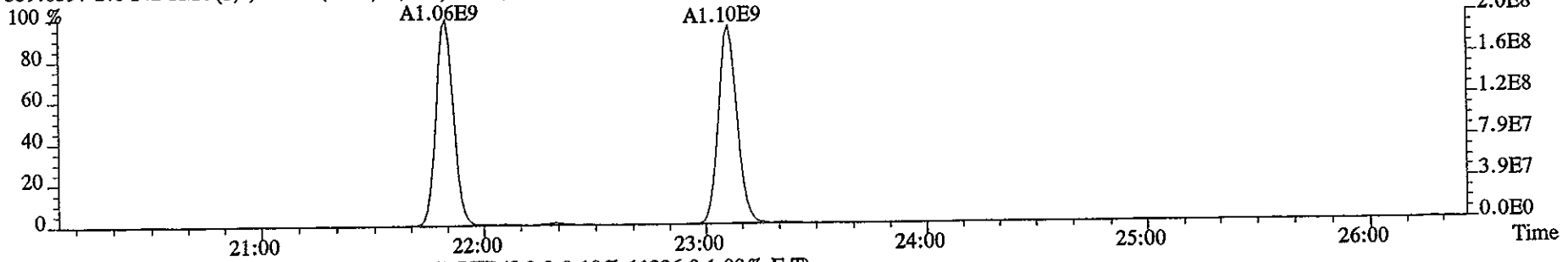


333.9339 S:6 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10220.0,1.00%,F,T)

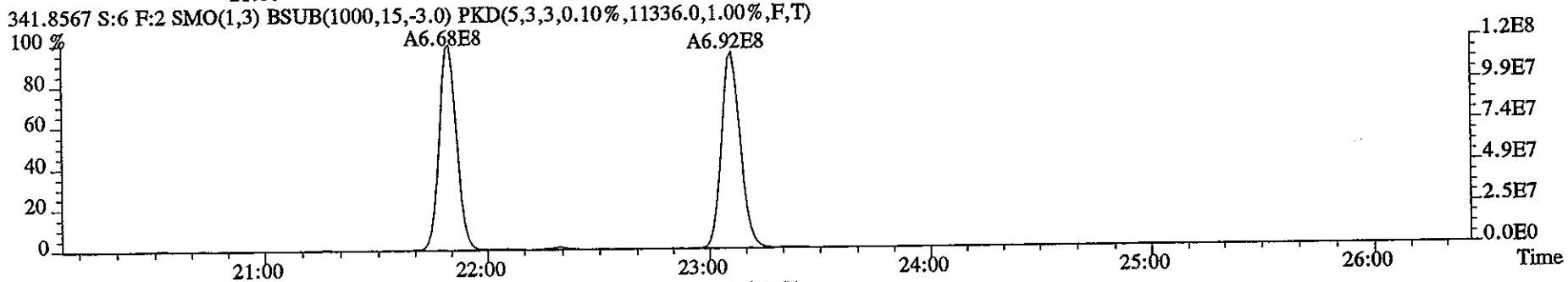


File:09DE051D5 #1-448 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN

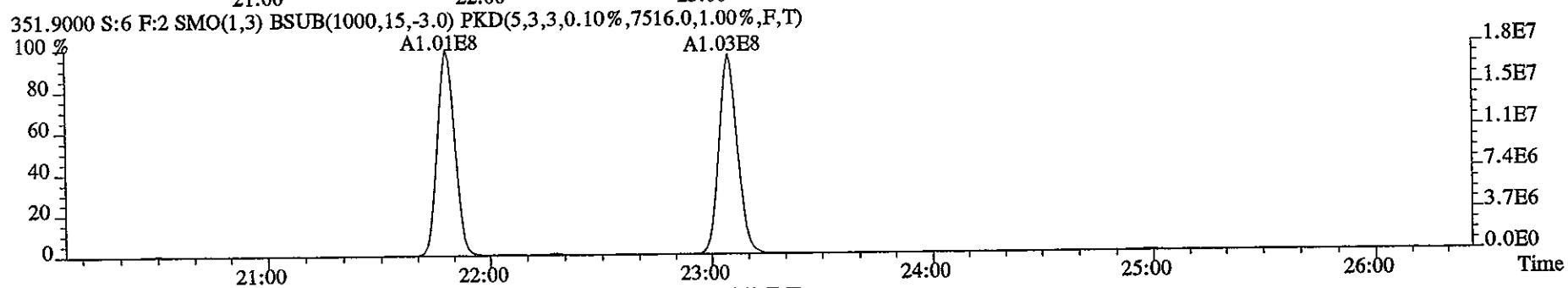
339.8597 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9824.0,1.00%,F,T)



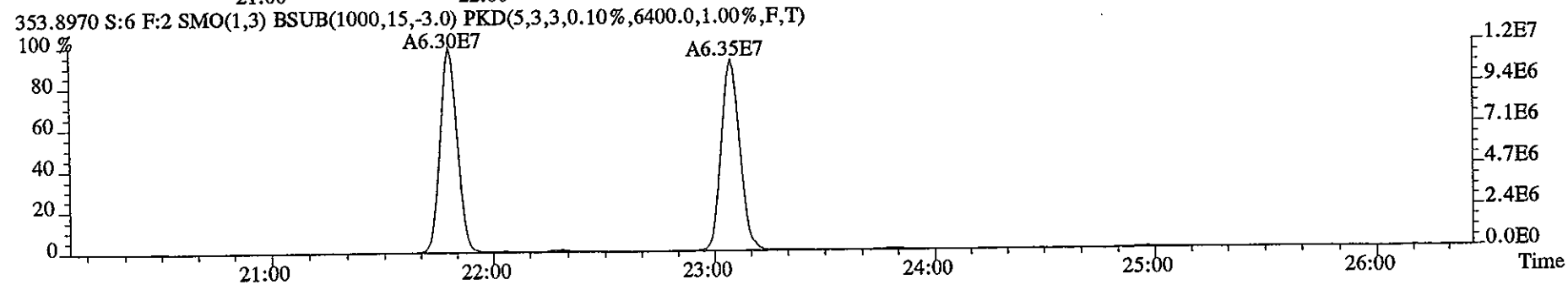
341.8567 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11336.0,1.00%,F,T)



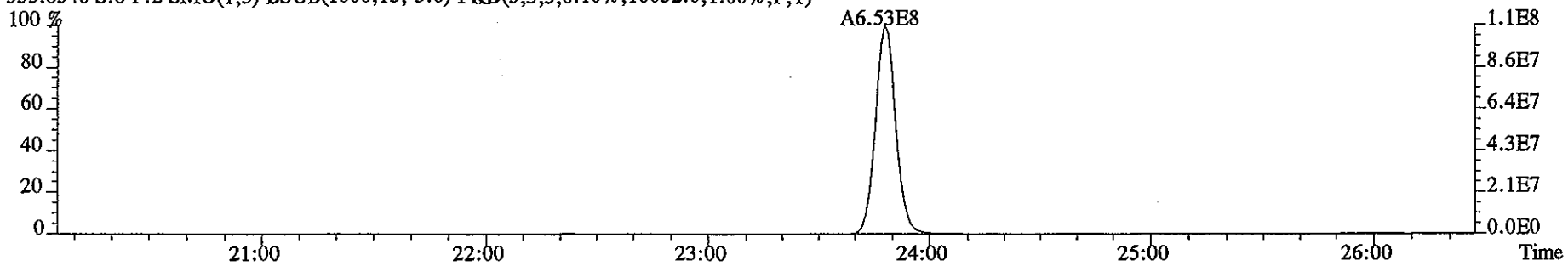
351.9000 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7516.0,1.00%,F,T)



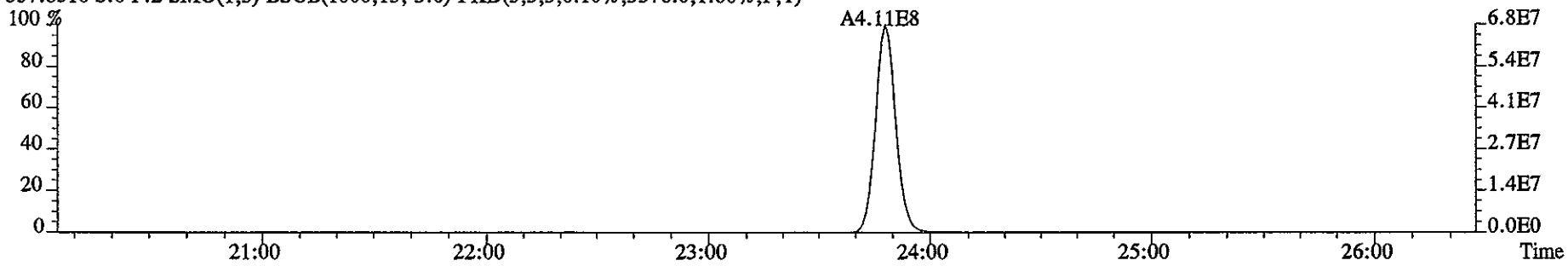
353.8970 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6400.0,1.00%,F,T)



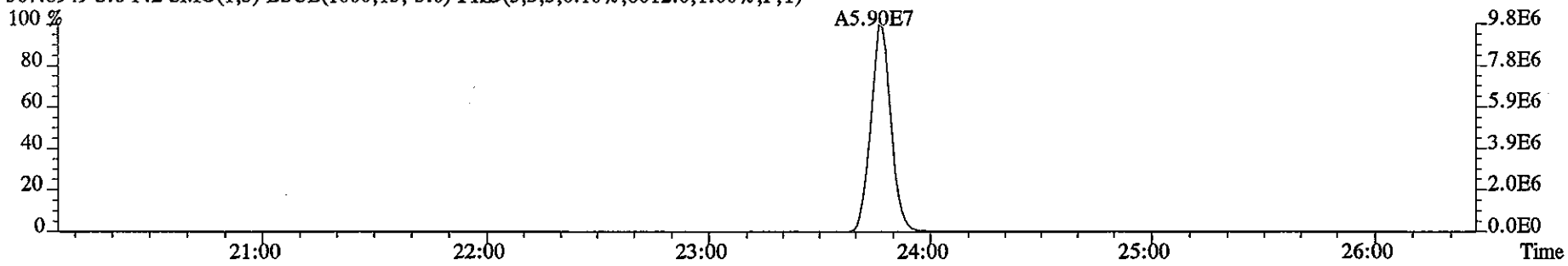
File:09DE051D5 #1-448 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
355.8546 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10032.0,1.00%,F,T)



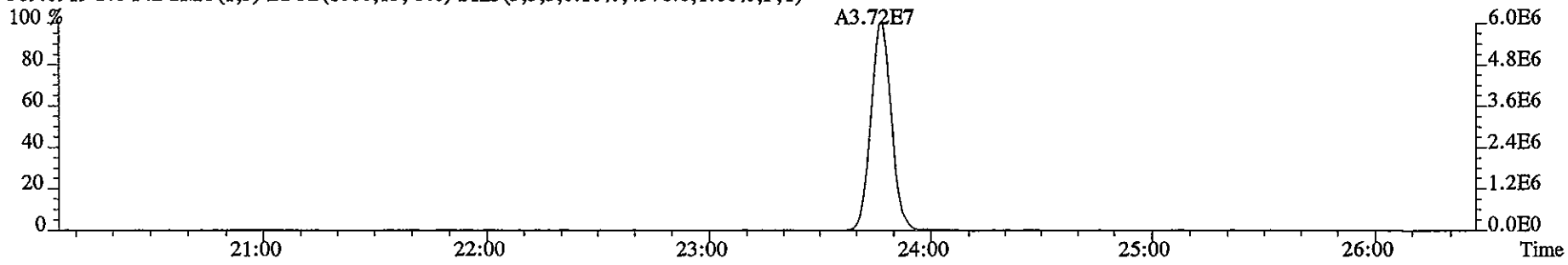
357.8516 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3576.0,1.00%,F,T)



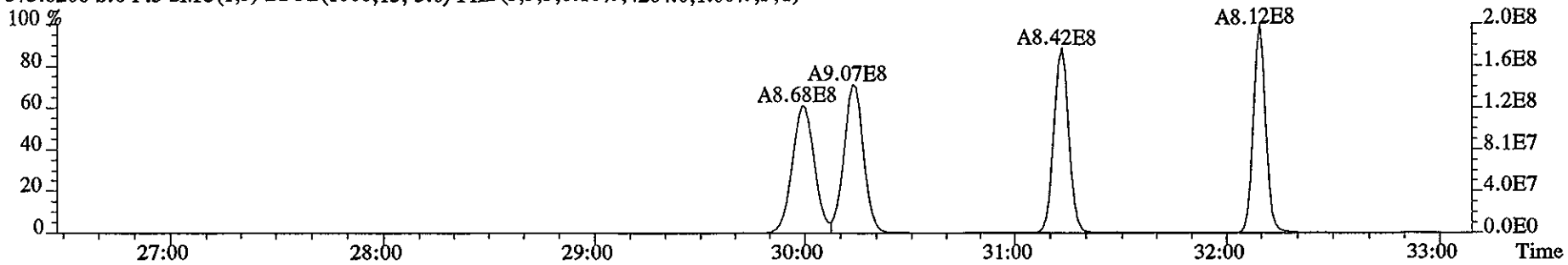
367.8949 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8012.0,1.00%,F,T)



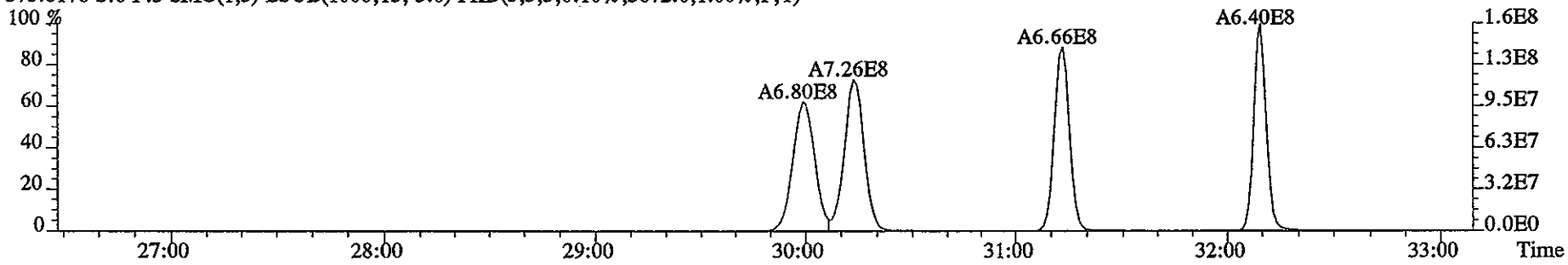
369.8919 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4976.0,1.00%,F,T)



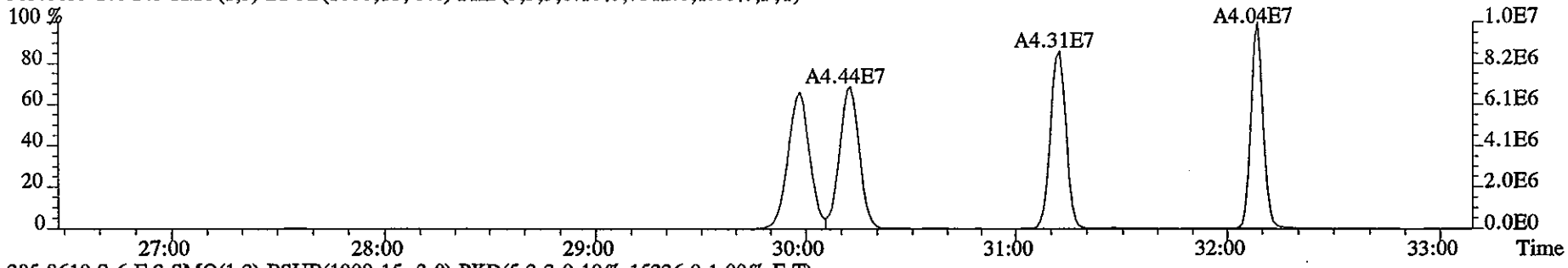
File:09DE051D5 #1-450 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
373.8208 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4264.0,1.00%,F,T)



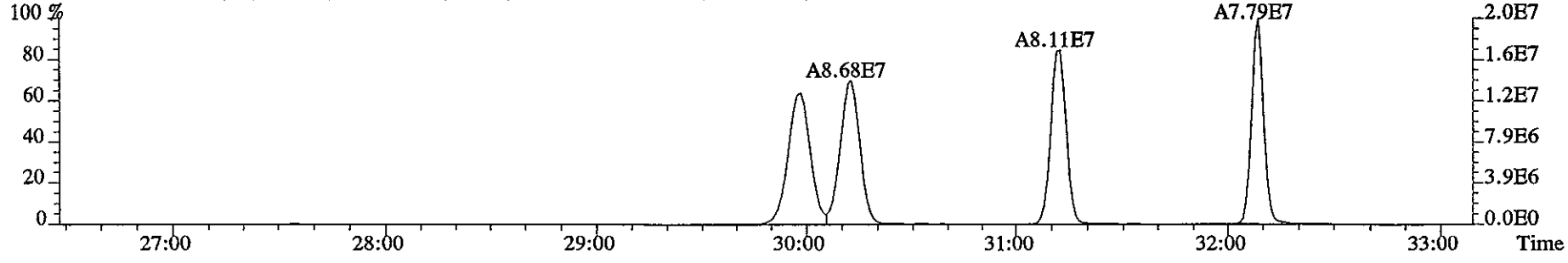
375.8178 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3872.0,1.00%,F,T)



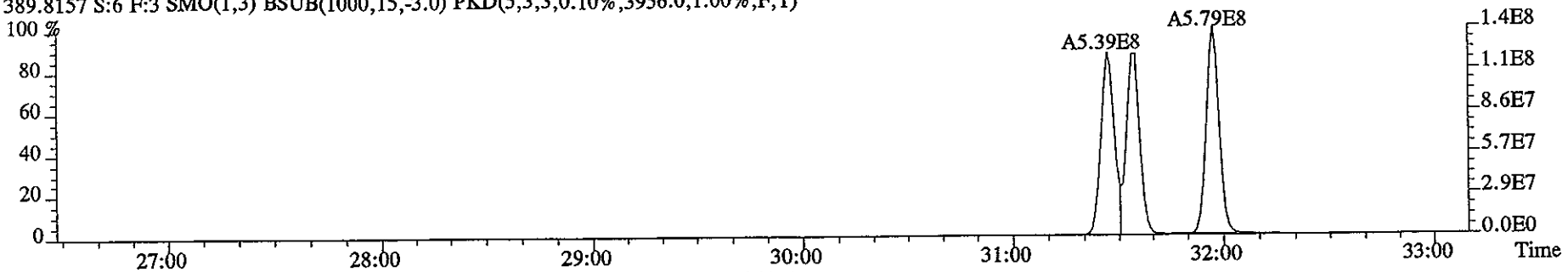
383.8639 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7512.0,1.00%,F,T)



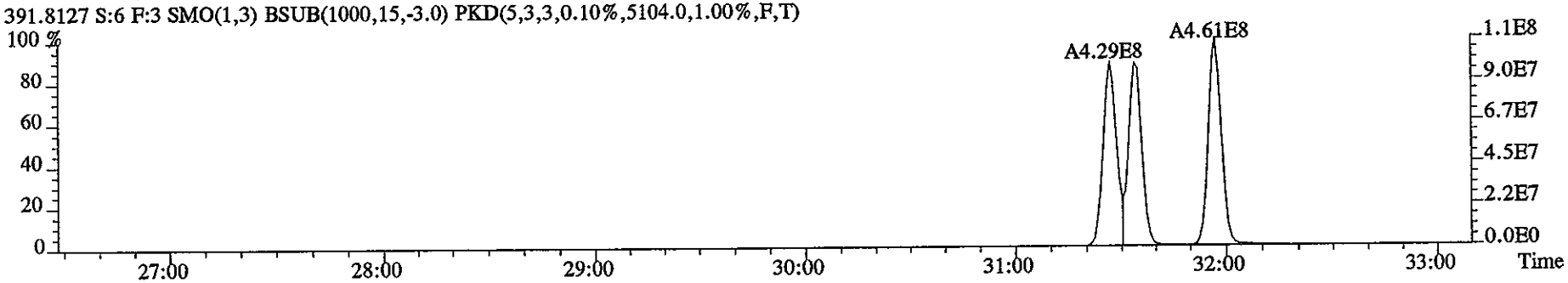
385.8610 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15236.0,1.00%,F,T)



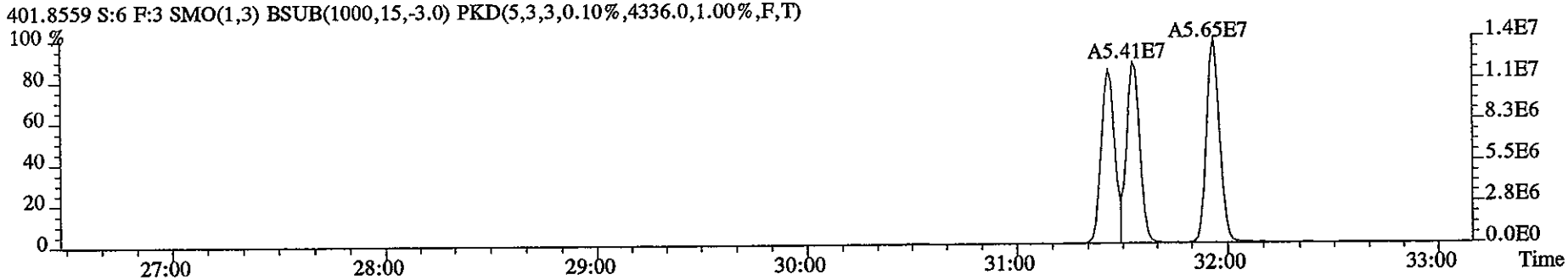
File:09DE051D5 #1-450 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
389.8157 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3956.0,1.00%,F,T)



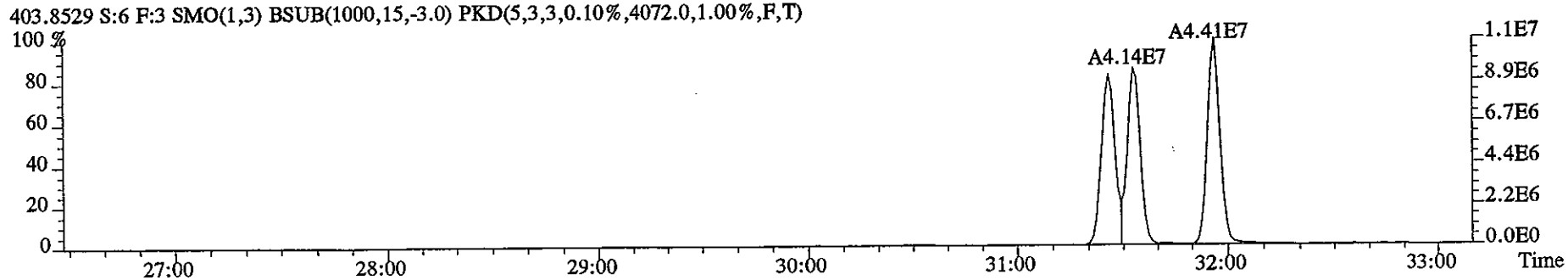
391.8127 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5104.0,1.00%,F,T)



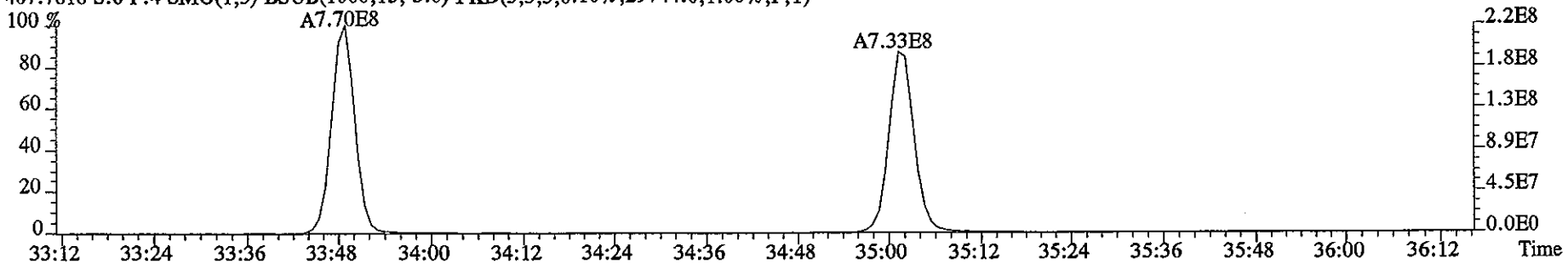
401.8559 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4336.0,1.00%,F,T)



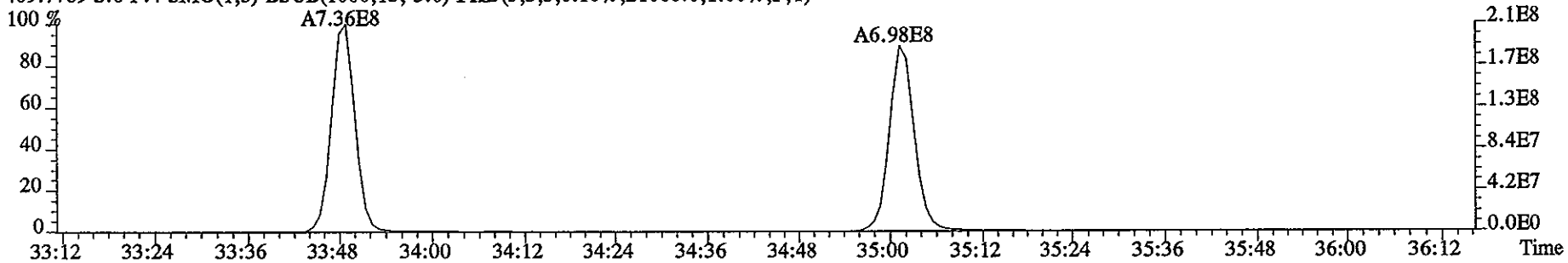
403.8529 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4072.0,1.00%,F,T)



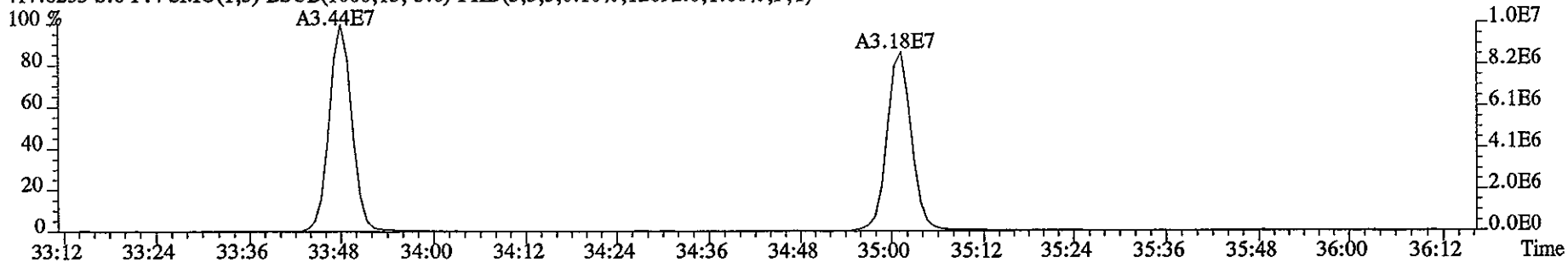
File:09DE051D5 #1-218 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
407.7818 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,29744.0,1.00%,F,T)



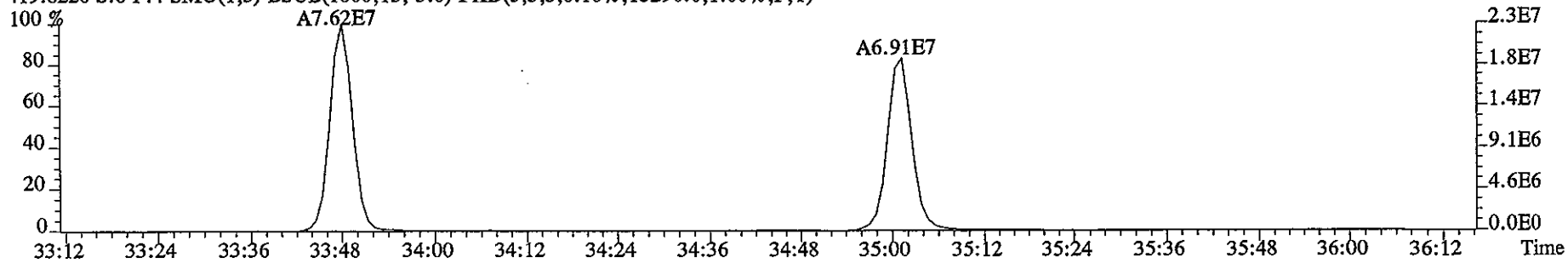
409.7789 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21068.0,1.00%,F,T)



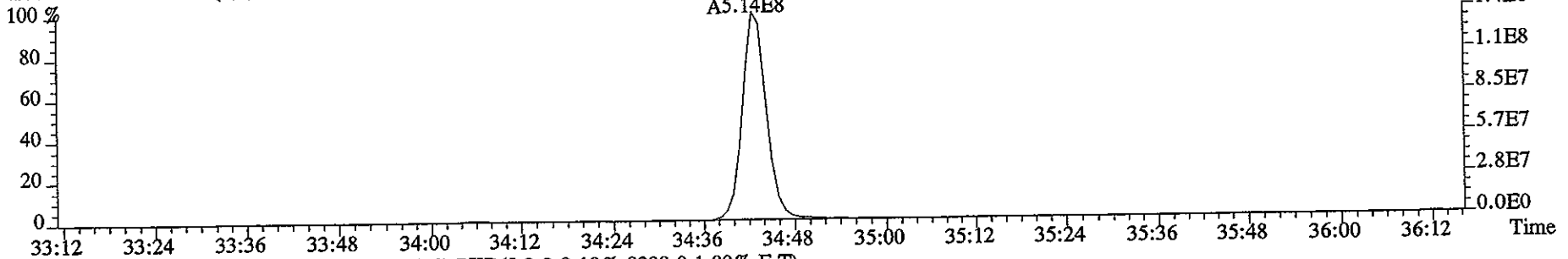
417.8253 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,12692.0,1.00%,F,T)



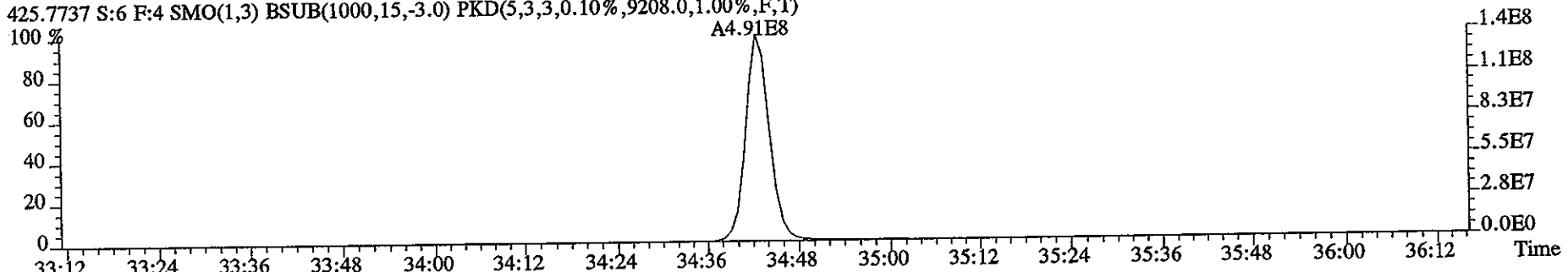
419.8220 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15296.0,1.00%,F,T)



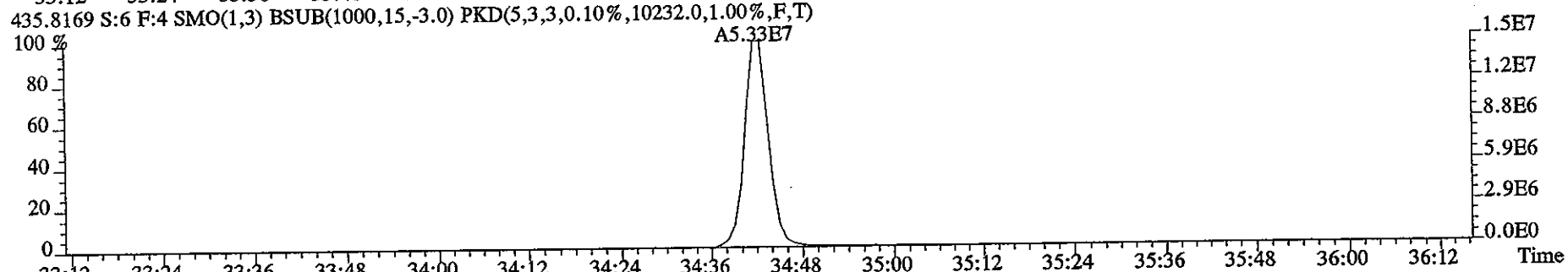
File:09DE051D5 #1-218 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
423.7766 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14816.0,1.00%,F,T)



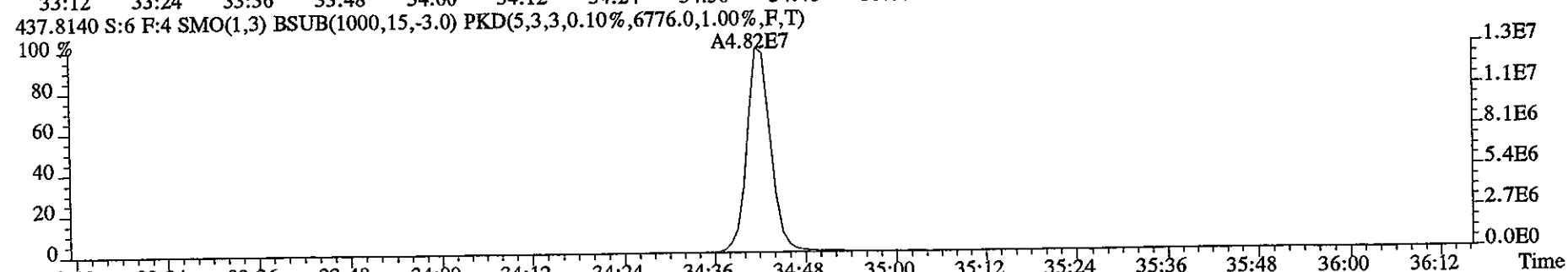
425.7737 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9208.0,1.00%,F,T)



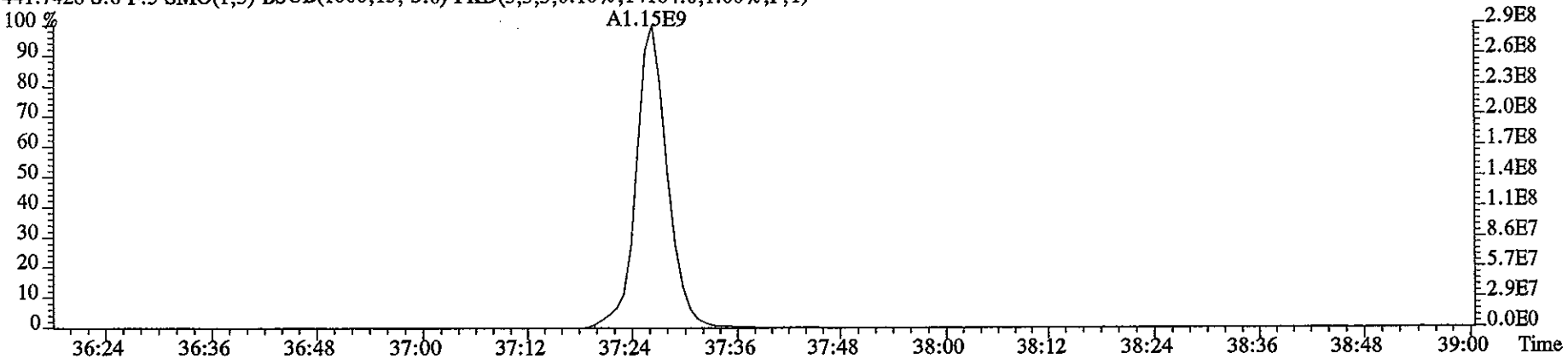
435.8169 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10232.0,1.00%,F,T)



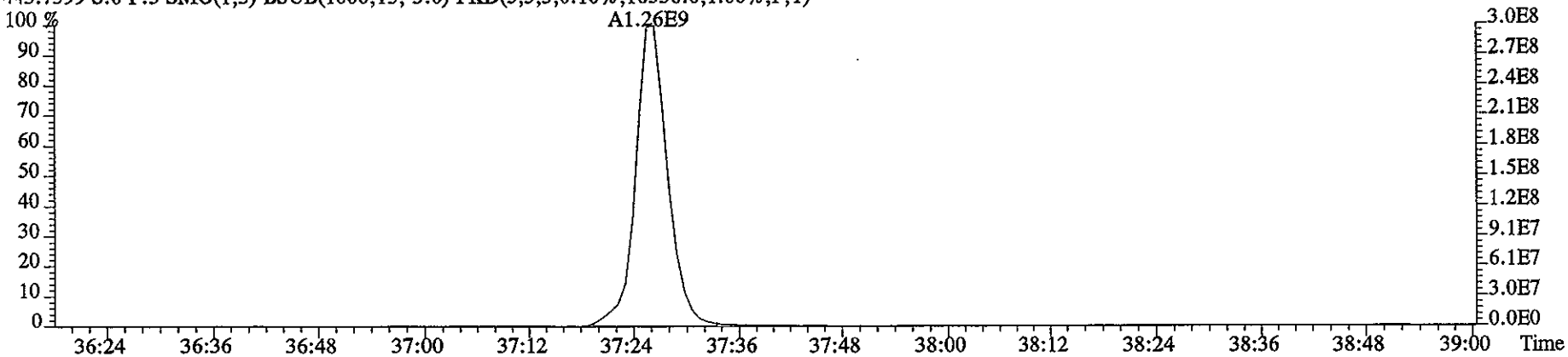
437.8140 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6776.0,1.00%,F,T)



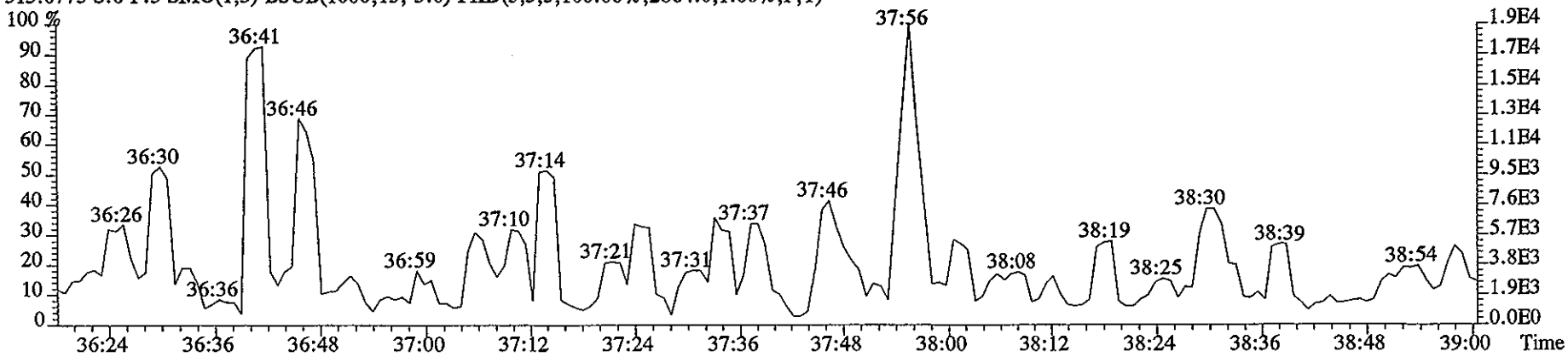
File:09DE051D5 #1-196 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
441.7428 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14184.0,1.00%,F,T)



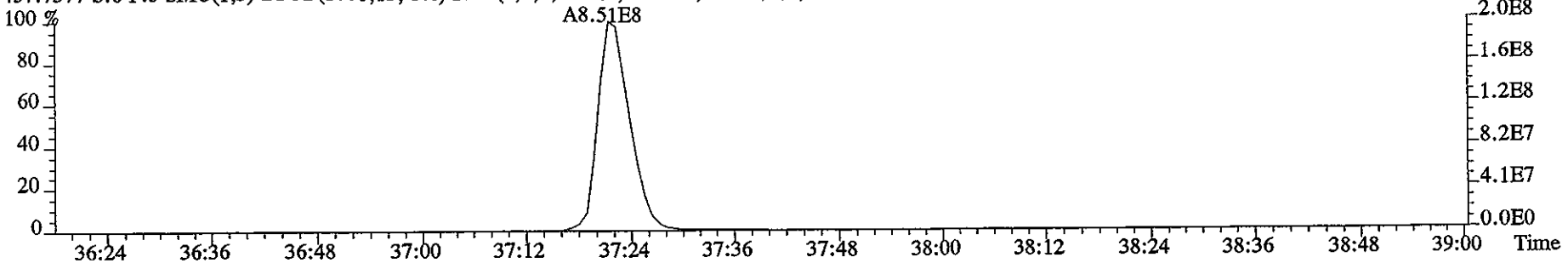
443.7399 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16556.0,1.00%,F,T)



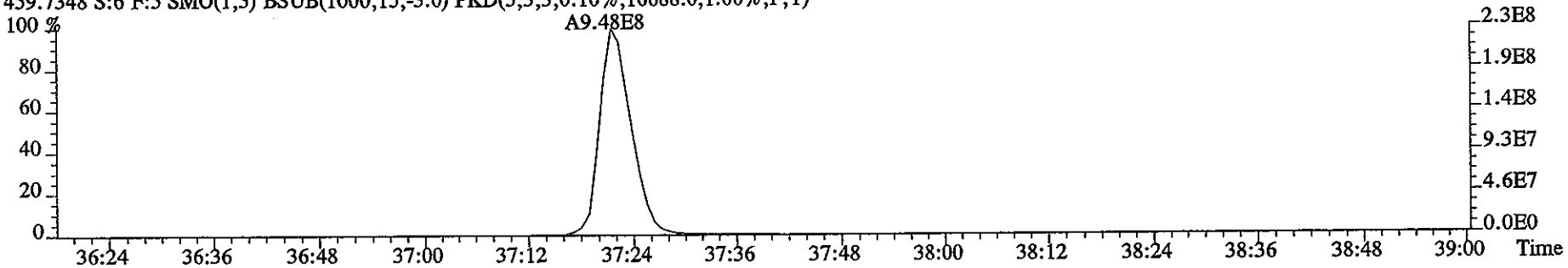
513.6775 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2864.0,1.00%,F,T)



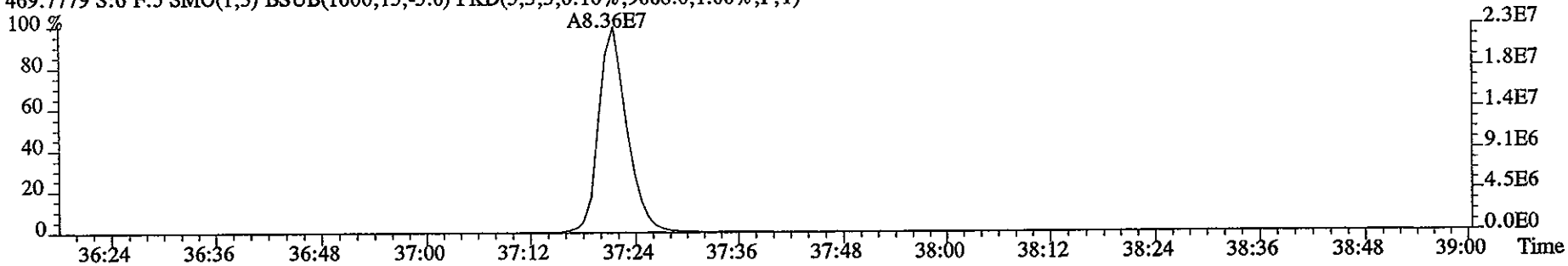
File:09DE051D5 #1-196 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
457.7377 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,18396.0,1.00%,F,T)



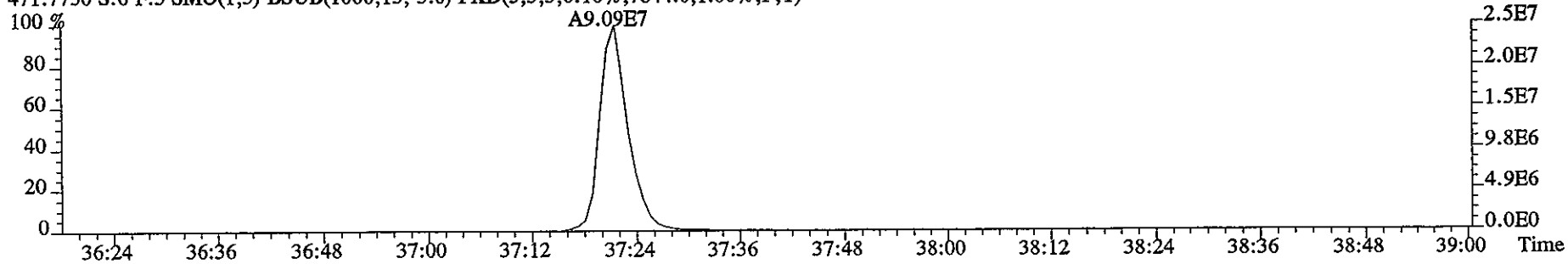
459.7348 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,16688.0,1.00%,F,T)



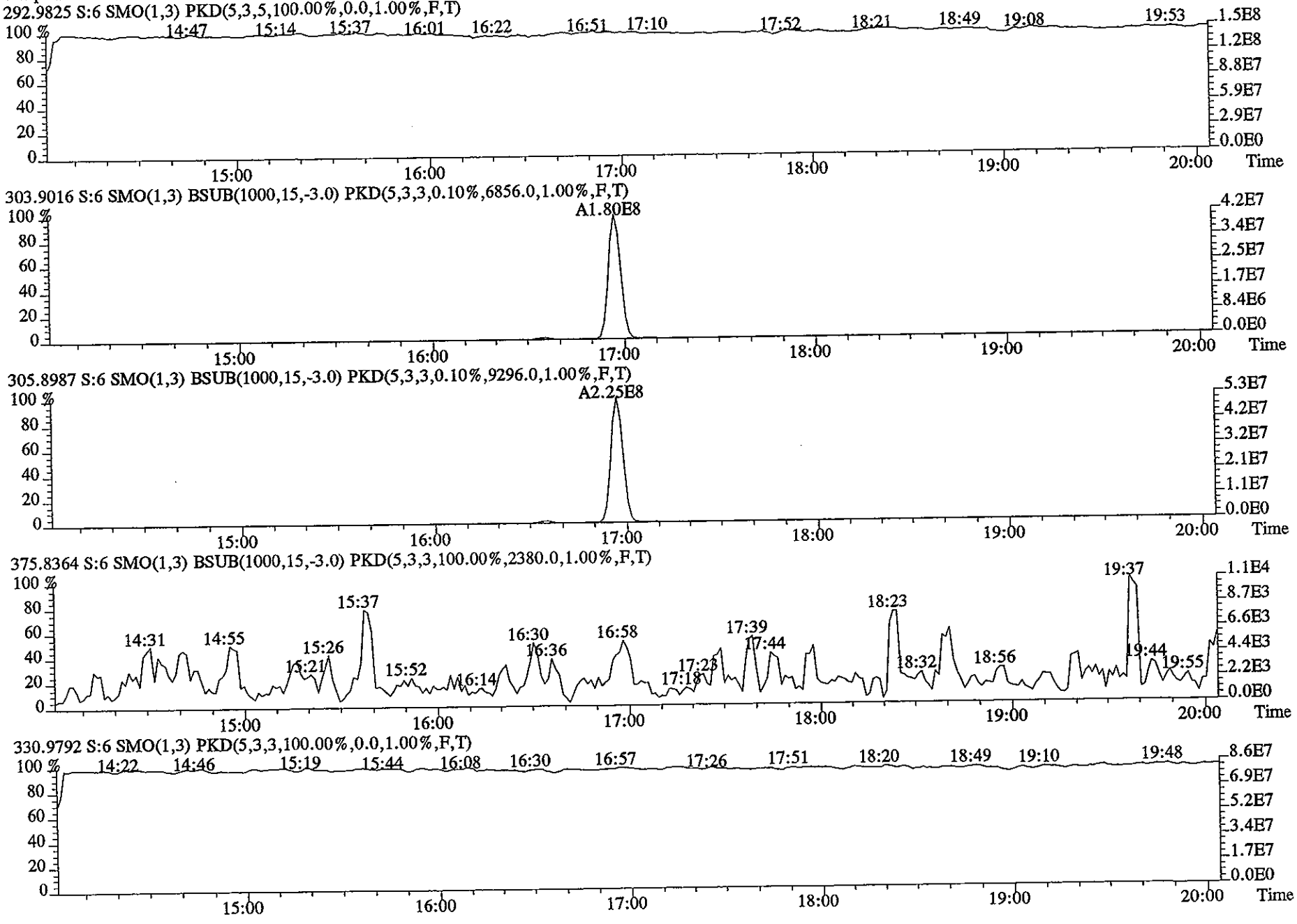
469.7779 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9668.0,1.00%,F,T)



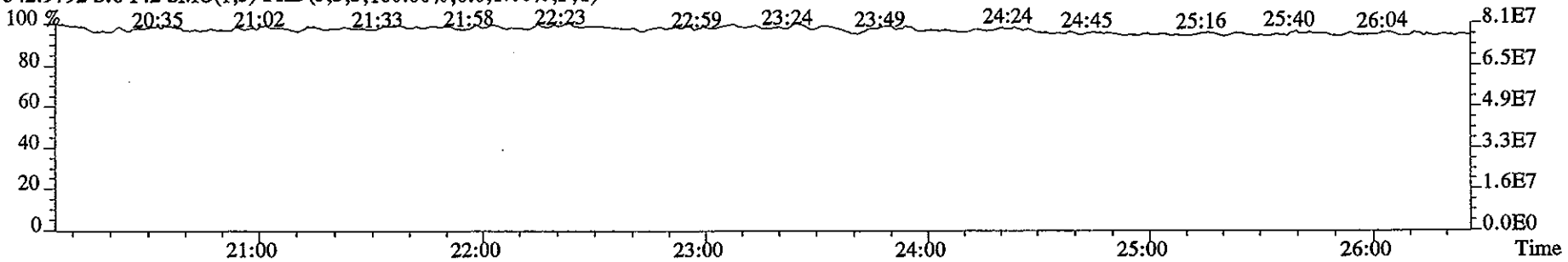
471.7750 S:6 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7844.0,1.00%,F,T)



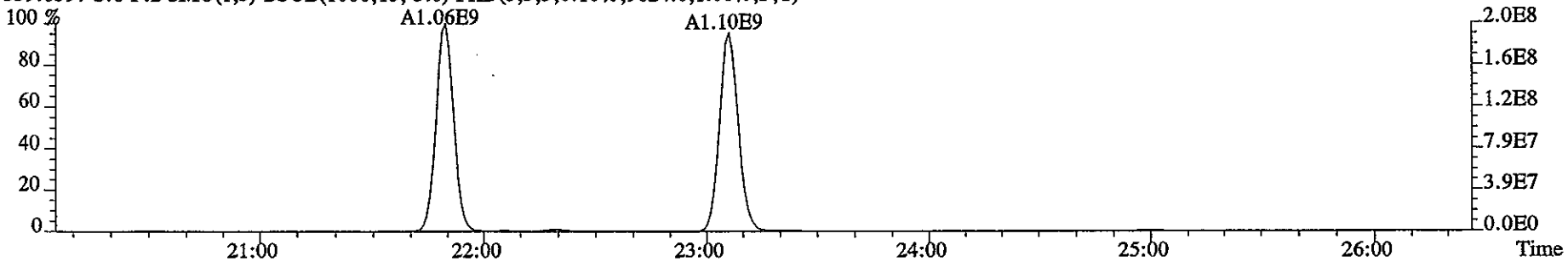
File:09DE051D5 #1-329 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN



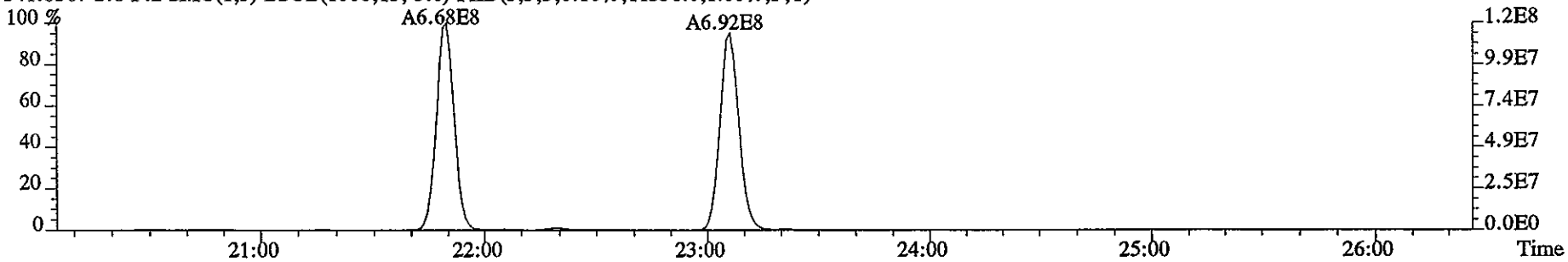
File:09DE051D5 #1-448 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
342.9792 S:6 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



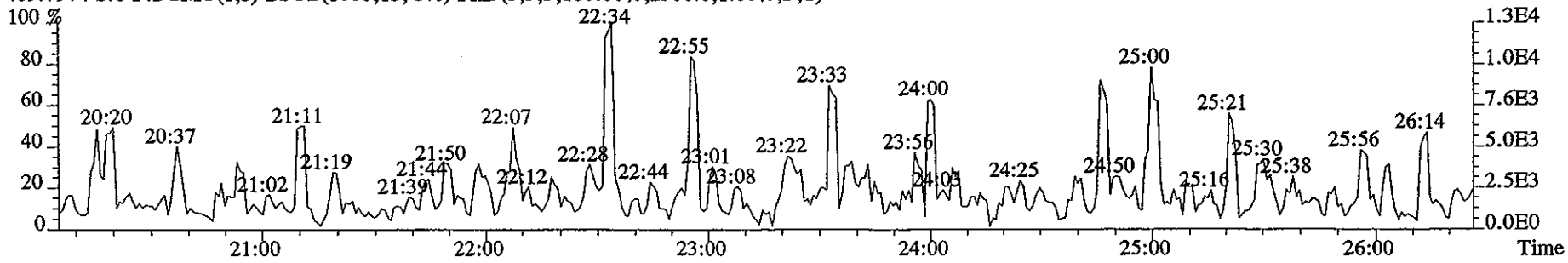
339.8597 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9824.0,1.00%,F,T)



341.8567 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11336.0,1.00%,F,T)

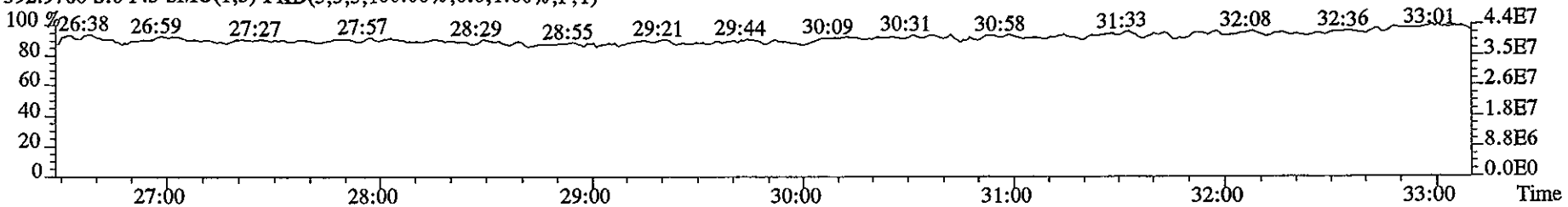


409.7974 S:6 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2308.0,1.00%,F,T)

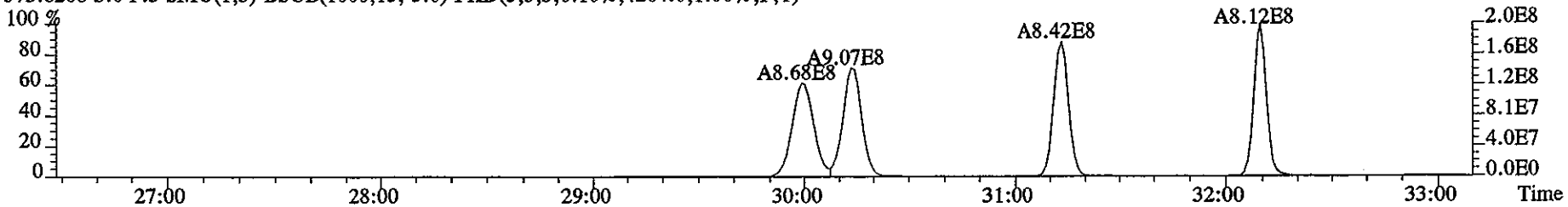


File:09DE051D5 #1-450 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN

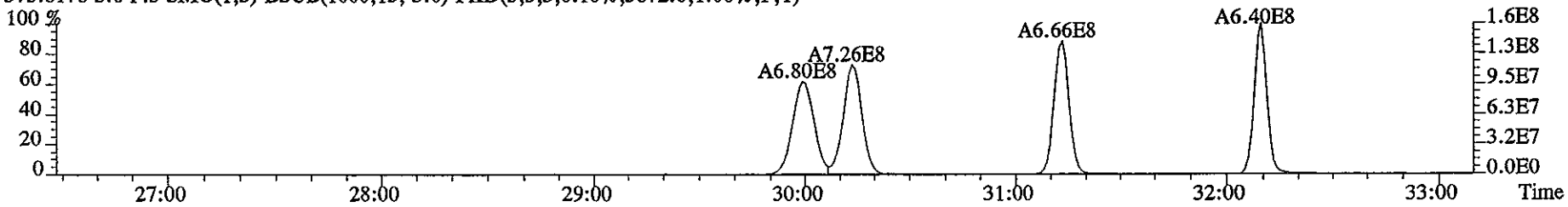
392.9760 S:6 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



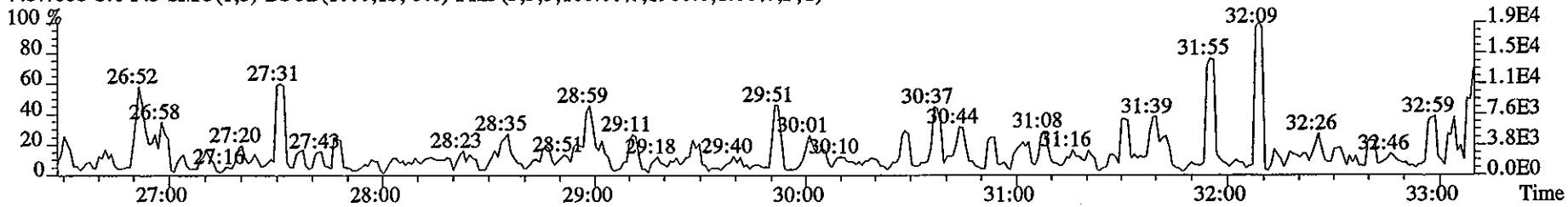
373.8208 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4264.0,1.00%,F,T)



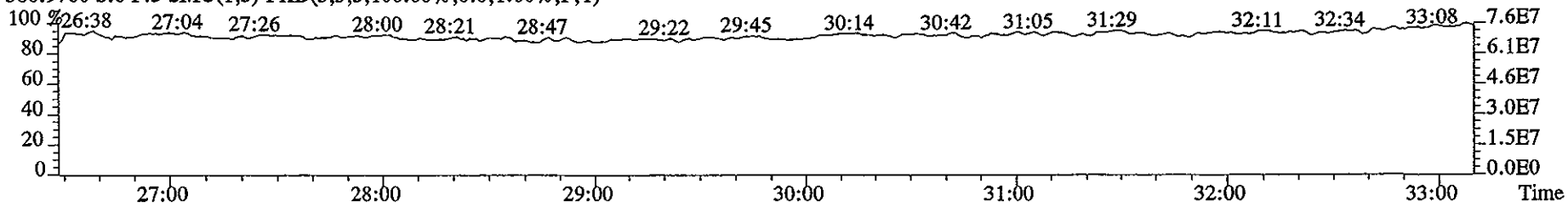
375.8178 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3872.0,1.00%,F,T)



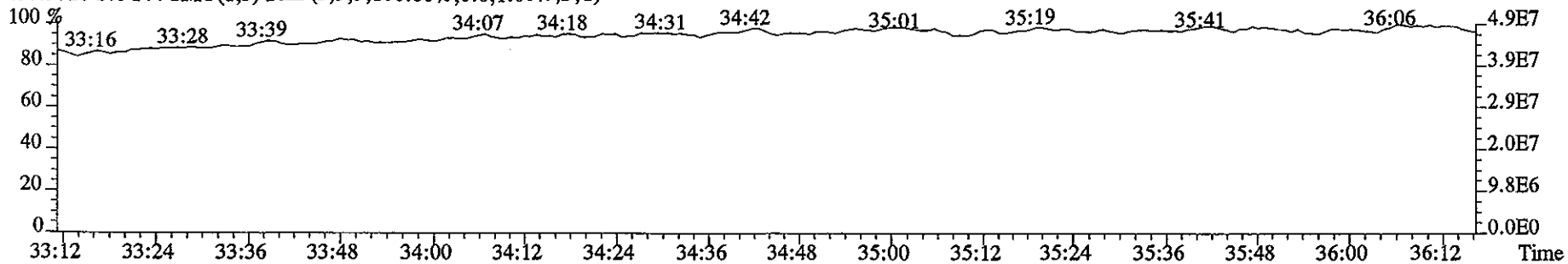
445.7555 S:6 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1960.0,1.00%,F,T)



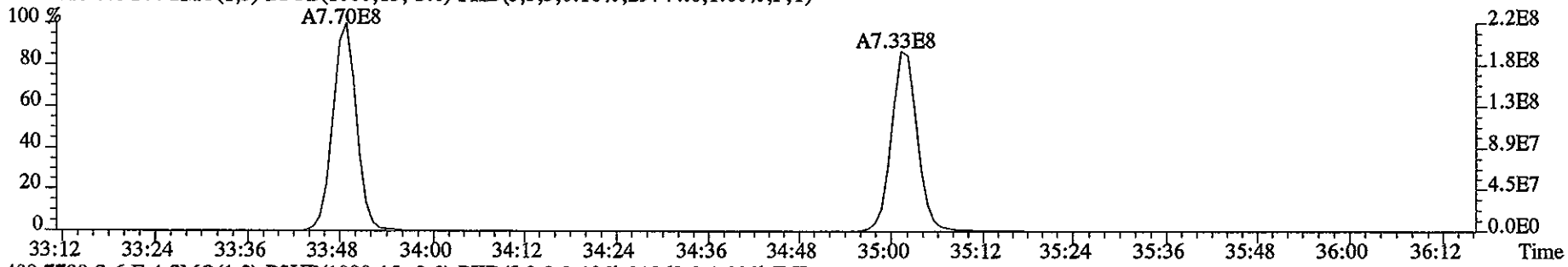
380.9760 S:6 F:3 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



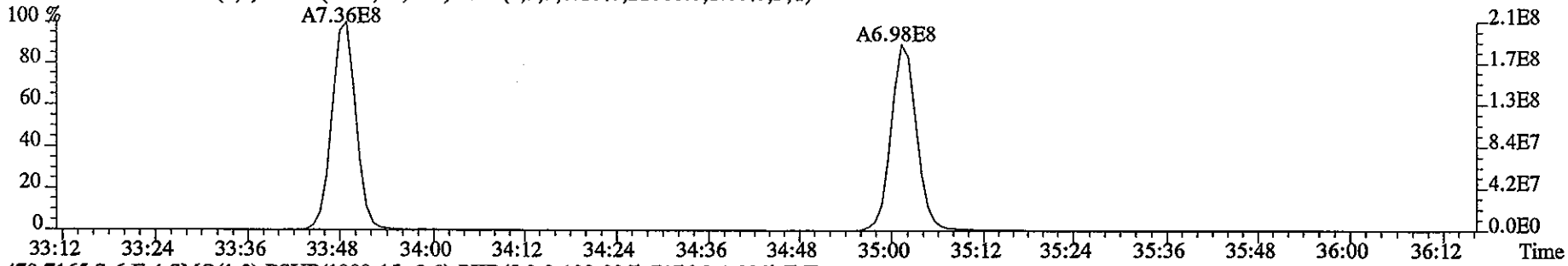
File:09DE051D5 #1-218 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
430.9728 S:6 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



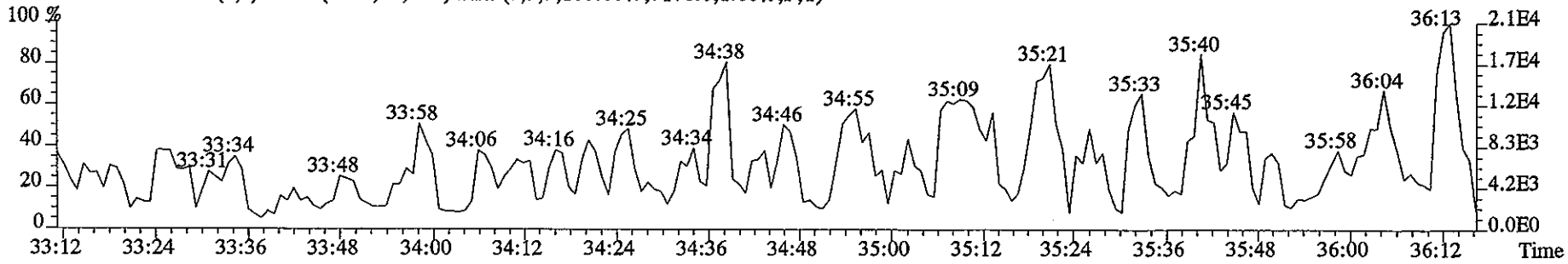
407.7818 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,29744.0,1.00%,F,T)



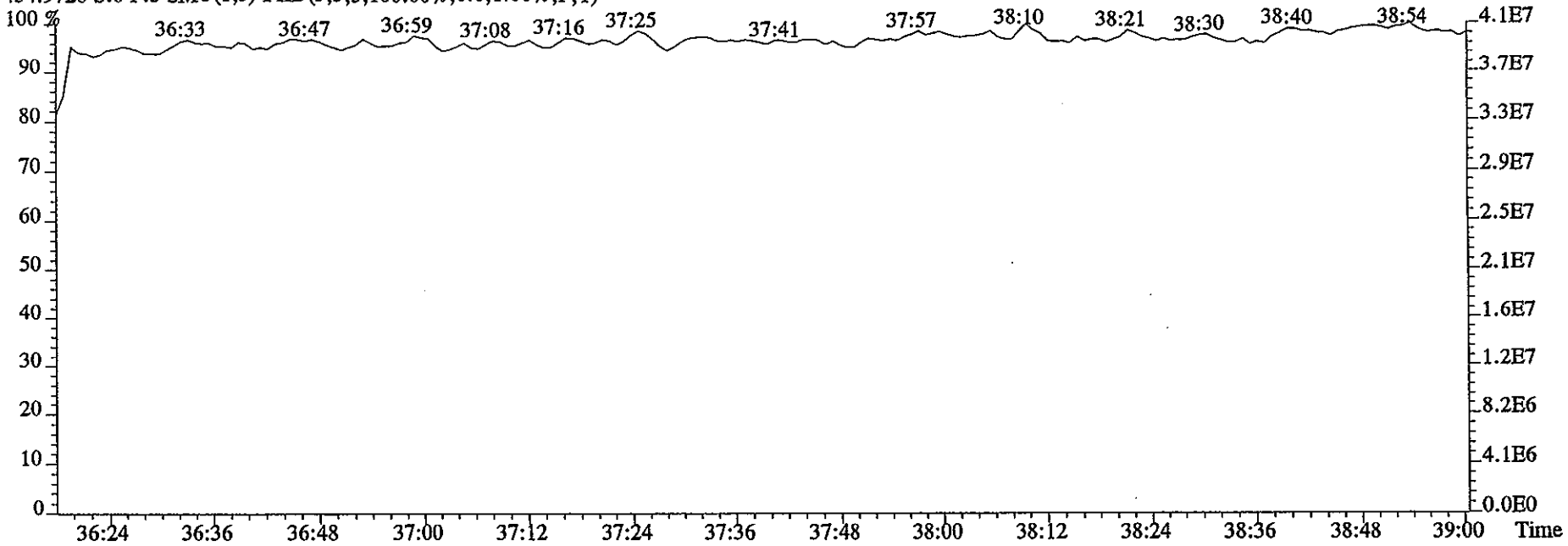
409.7789 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21068.0,1.00%,F,T)



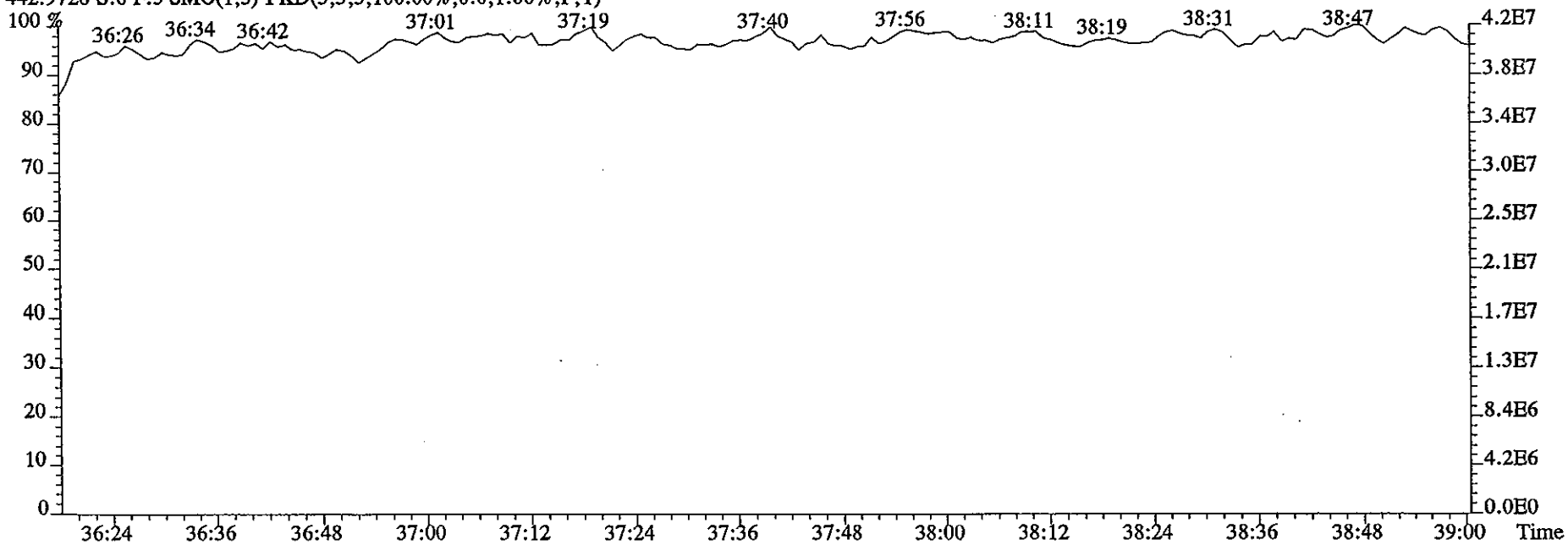
479.7165 S:6 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,7176.0,1.00%,F,T)



File:09DE051D5 #1-196 Acq: 9-DEC-2005 12:23:02 GC EI+ Voltage SIR 70SE
Sample#6 Text:ST1209D :CS5 2565-41E Exp:DIOXIN
454.9728 S:6 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:6 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)

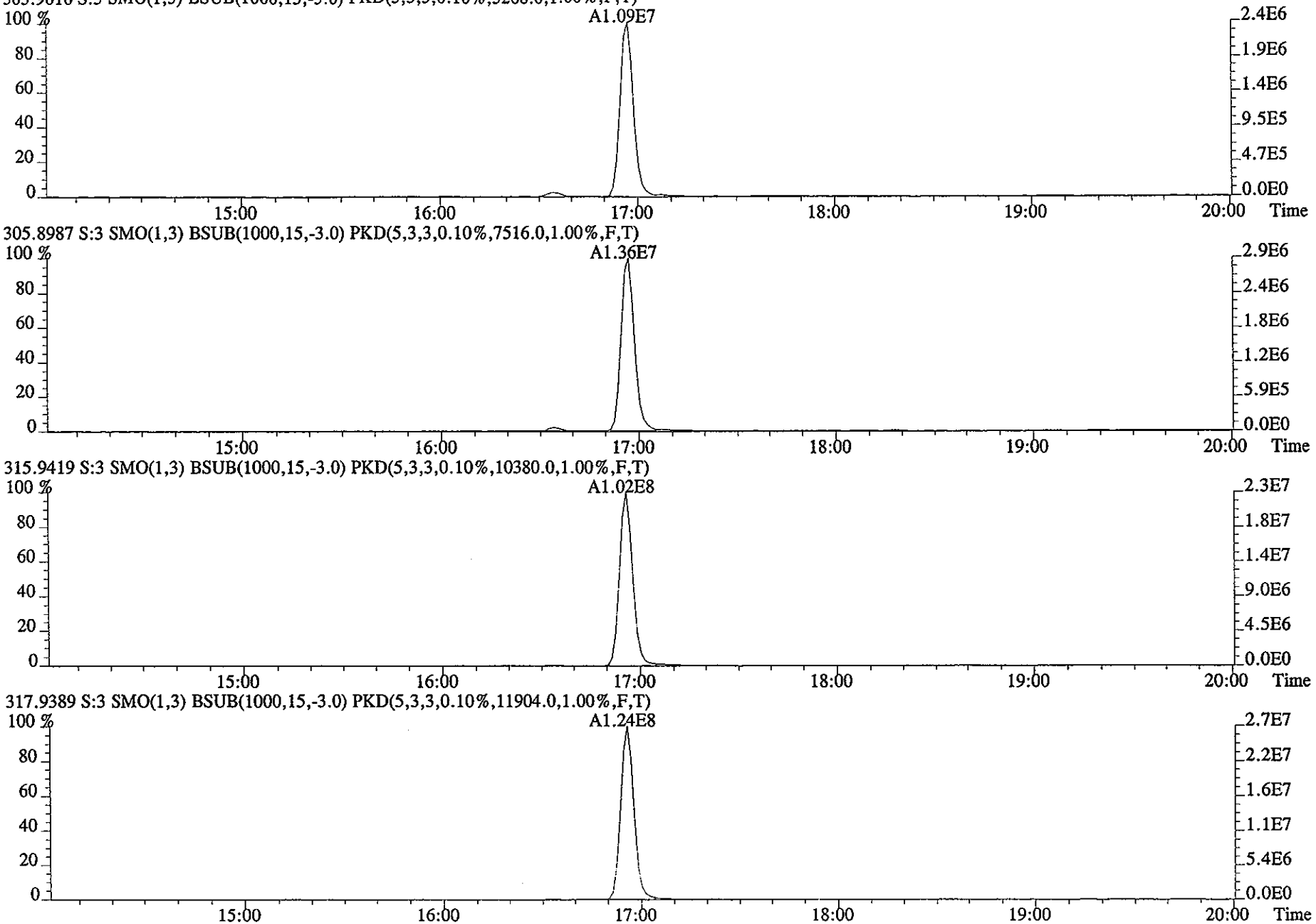


Run text: 2nd Source Sample text: 2nd Source :091305IS-2QC
Run #7 Filename: 12DE051D5 S: 3 I: 1 Results: 12DE051D51613
Acquired: 12-DEC-05 10:06:43 Processed: 13-DEC-05 08:24:43
Run: 12DE051D5 Analyte: 1613 Cal: 16131209051D5
Factor 1: 1600.000 Factor 2: 20.000 Sample size: 1.000000SAMP

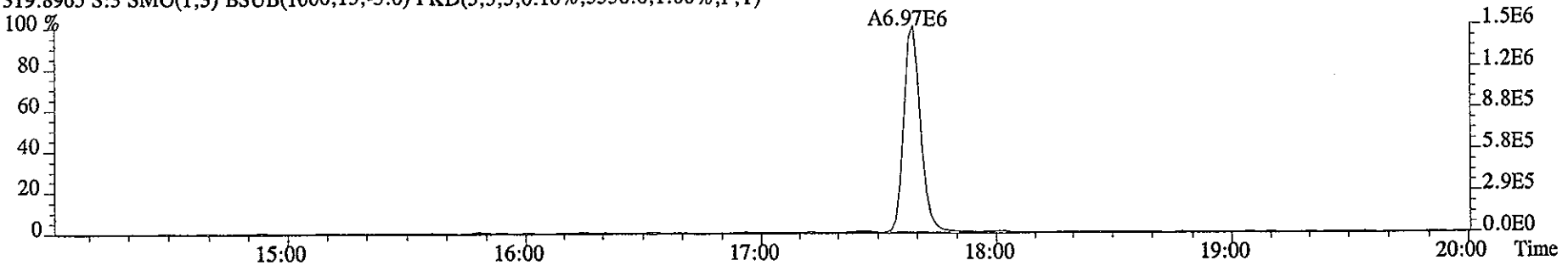
Name	Resp	RA		RT	RRF	Conc	EDL	Rec	M
13C-1,2,3,4-TCDD	132167100	0.82	y	17:26	-	126.31	-	6.3	n
13C-2,3,7,8-TCDF	226231000	0.82	y	16:56	1.68	2034.35	2.83	101.7	n
2,3,7,8-TCDF	24515000	0.80	y	16:57	1.16	186.38	1.33	-	n
Total TCDF	25076878	0.97	n	16:35	1.16	190.65	1.33	-	n
13C-2,3,7,8-TCDD	112896400	0.81	y	17:38	0.90	1906.42	7.27	95.3	n
2,3,7,8-TCDD	15328450	0.83	y	17:39	1.32	205.35	2.10	-	n
Total TCDD	15328450	0.83	y	17:39	1.32	205.35	2.10	-	n
37Cl-2,3,7,8-TCDD	189209	1.00	y	17:39	2.44	1.17	0.93	0.1	n
13C-1,2,3,7,8-PeCDF	196795700	1.61	y	21:51	1.54	1927.60	3.18	96.4	n
1,2,3,7,8-PeCDF	109106300	1.60	y	21:51	1.00	1104.03	3.38	-	n
13C-2,3,4,7,8-PeCDF	189391300	1.62	y	23:07	1.55	1847.35	3.17	92.4	n
2,3,4,7,8-PeCDF	107669000	1.62	y	23:09	1.05	1088.04	3.58	-	n
Total F2 PeCDF	218986919	1.52	y	20:34	1.02	2214.42	3.48	-	n
Total F1 PeCDF	70694	0.52	n	15:09	1.02	0.71	1.51	-	n
13C-1,2,3,7,8-PeCDD	123572400	1.65	y	23:50	0.91	2046.01	3.11	102.3	n
1,2,3,7,8-PeCDD	65378400	1.58	y	23:52	1.04	1014.11	4.01	-	n
Total PeCDD	65415653	1.58	y	23:52	1.04	1014.69	4.01	-	n
13C-1,2,3,7,8,9-HxCDD	129344400	1.28	y	31:58	-	134.37	-	-	n
13C-1,2,3,4,7,8-HxCDF	144066600	0.52	y	30:01	1.38	1610.64	2.86	80.5	n
1,2,3,4,7,8-HxCDF	99602300	1.26	y	30:02	1.11	1245.07	2.46	-	n
13C-1,2,3,6,7,8-HxCDF	162837800	0.52	y	30:15	1.34	1876.71	2.95	93.8	n
1,2,3,6,7,8-HxCDF	102914700	1.28	y	30:17	1.18	1075.75	1.95	-	n
13C-2,3,4,6,7,8-HxCDF	154880300	0.52	y	31:14	1.27	1879.51	3.11	94.0	n
2,3,4,6,7,8-HxCDF	94250500	1.28	y	31:15	1.15	1053.82	1.58	-	n
13C-1,2,3,7,8,9-HxCDF	141903700	0.52	y	32:10	1.18	1855.49	3.35	92.8	n
1,2,3,7,8,9-HxCDF	87091200	1.28	y	32:11	1.19	1030.72	1.61	-	n
Total HxCDF	383858700	1.26	y	30:02	1.16	4405.37	1.90	-	n
13C-1,2,3,4,7,8-HxCDD	99045400	1.28	y	31:27	0.91	1681.91	2.91	84.1	n
1,2,3,4,7,8-HxCDD	55403300	1.38	y	31:29	1.00	1115.23	2.99	-	n
13C-1,2,3,6,7,8-HxCDD	124797100	1.27	y	31:34	0.96	2015.01	2.77	100.8	n
1,2,3,6,7,8-HxCDD	61814200	1.21	y	31:36	1.00	989.19	2.78	-	n
1,2,3,7,8,9-HxCDD	62248600	1.29	y	31:58	1.07	1039.34	2.69	-	n
Total HxCDD	180073237	3.42	n	31:14	1.02	3154.35	2.81	-	n
13C-1,2,3,4,6,7,8-HpCDF	136277700	0.45	y	33:49	1.13	1865.62	12.69	93.3	n
1,2,3,4,6,7,8-HpCDF	98438300	1.05	y	33:50	1.31	1102.23	3.73	-	n
13C-1,2,3,4,7,8,9-HpCDF	112583400	0.44	y	35:03	1.00	1739.11	14.32	87.0	n
1,2,3,4,7,8,9-HpCDF	82927800	1.05	y	35:03	1.34	1097.55	5.18	-	n
Total HpCDF	181366100	1.05	y	33:50	1.33	2199.78	4.39	-	n
13C-1,2,3,4,6,7,8-HpCDD	116164200	1.06	y	34:43	1.00	1799.70	5.62	90.0	n

1,2,3,4,6,7,8-HpCDD	58459700	1.04	y	34:44	0.95	1061.21	3.56	-	n
Total HpCDD	58843619	3.12	n	33:48	0.95	1068.18	3.56	-	n
13C-OCDD	194089800	0.92	y	37:23	0.81	3708.04	7.95	92.7	n
OCDF	134926100	0.91	y	37:28	1.32	2108.71	4.90	-	n
OCDD	103259400	0.89	y	37:23	1.00	2117.74	3.04	-	n

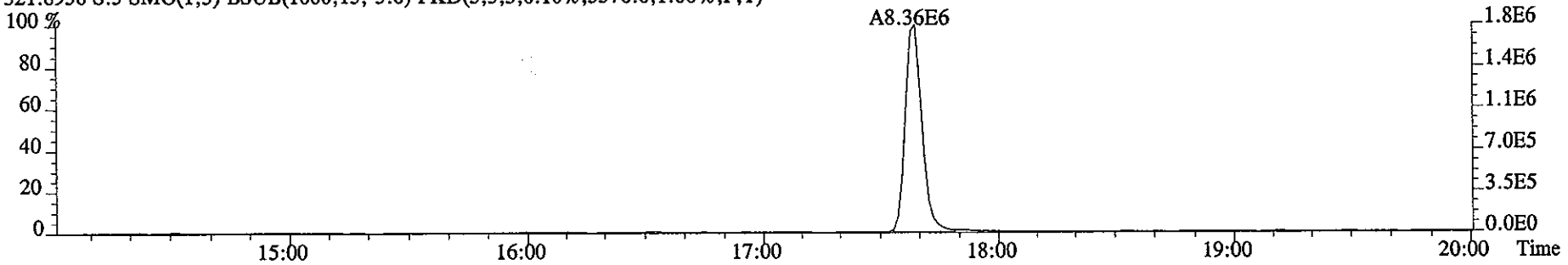
File:12DE051D5 #1-326 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN



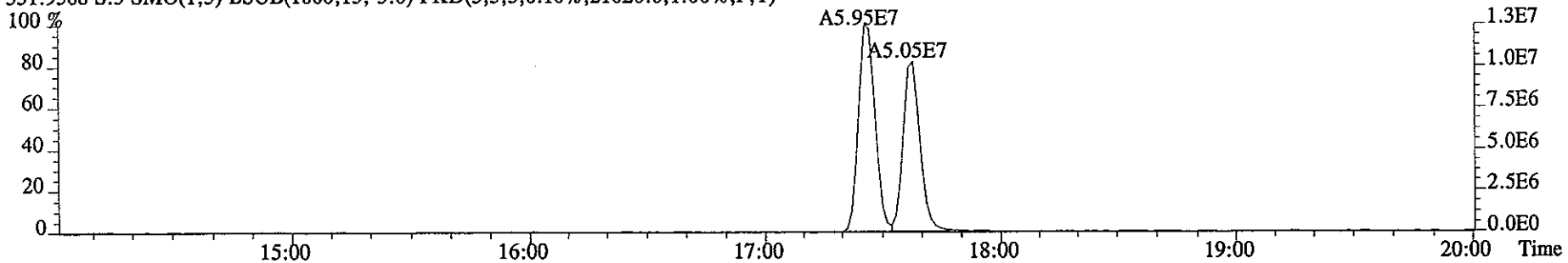
File:12DE051D5 #1-326 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
319.8965 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5336.0,1.00%,F,T)



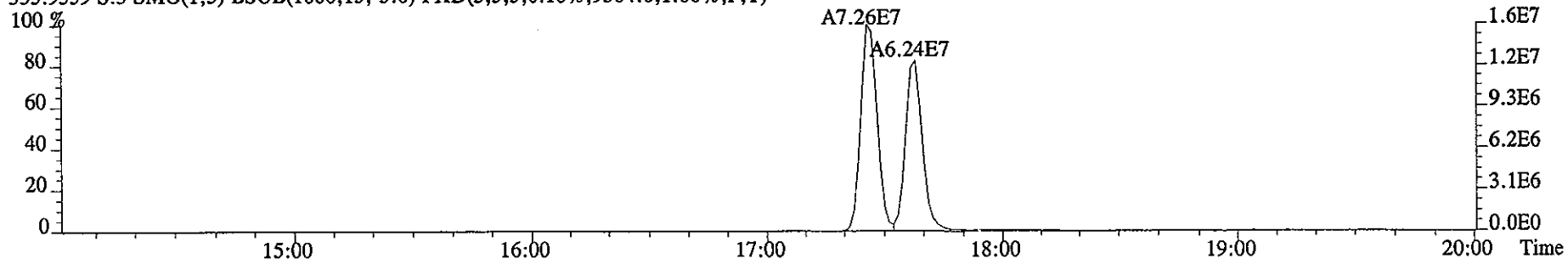
321.8936 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5376.0,1.00%,F,T)



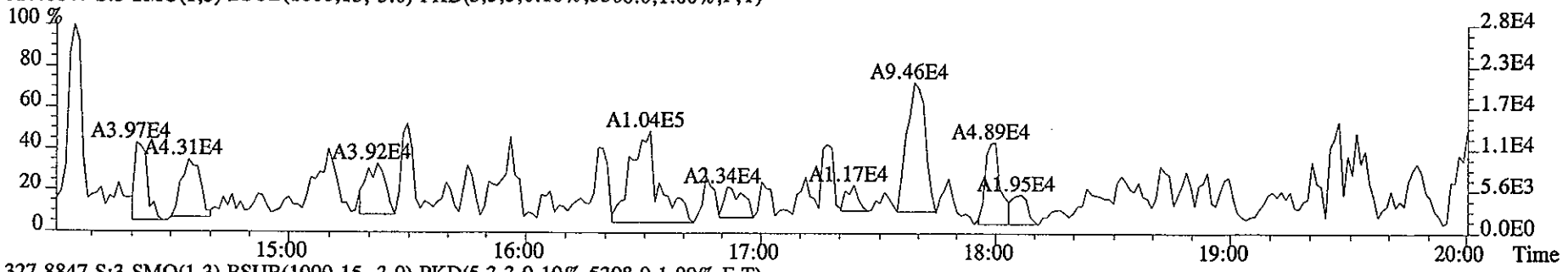
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21020.0,1.00%,F,T)



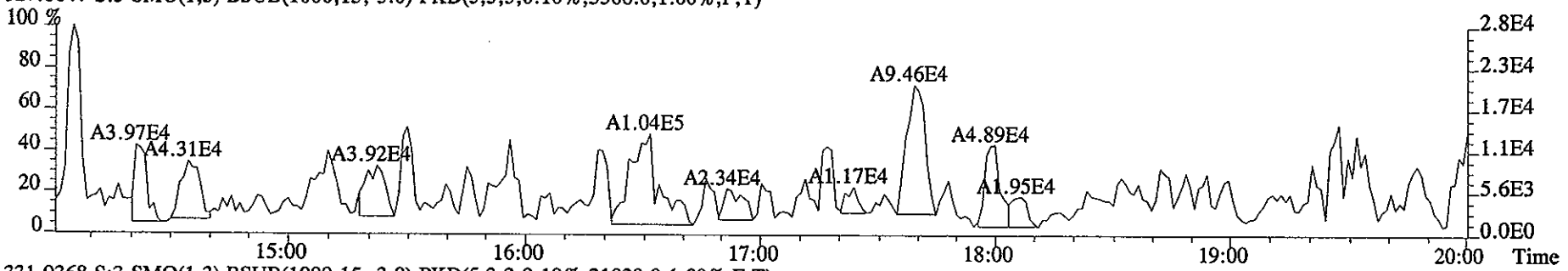
333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9504.0,1.00%,F,T)



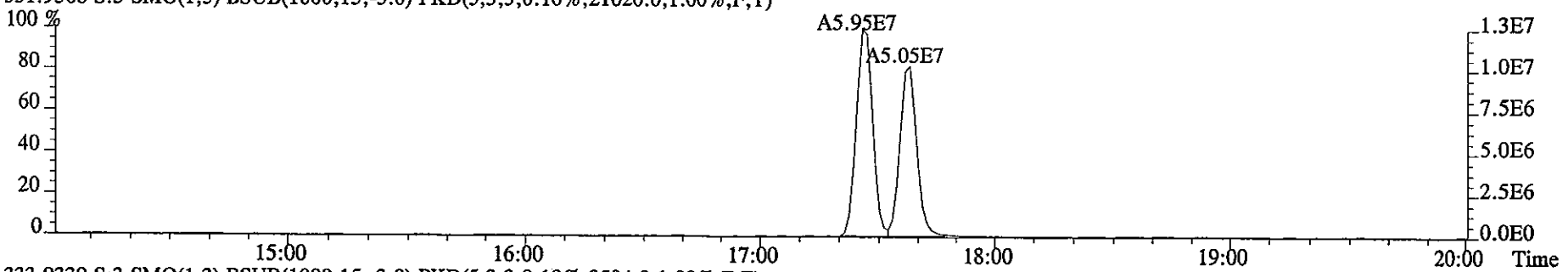
File:12DE051D5 #1-326 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5308.0,1.00%,F,T)



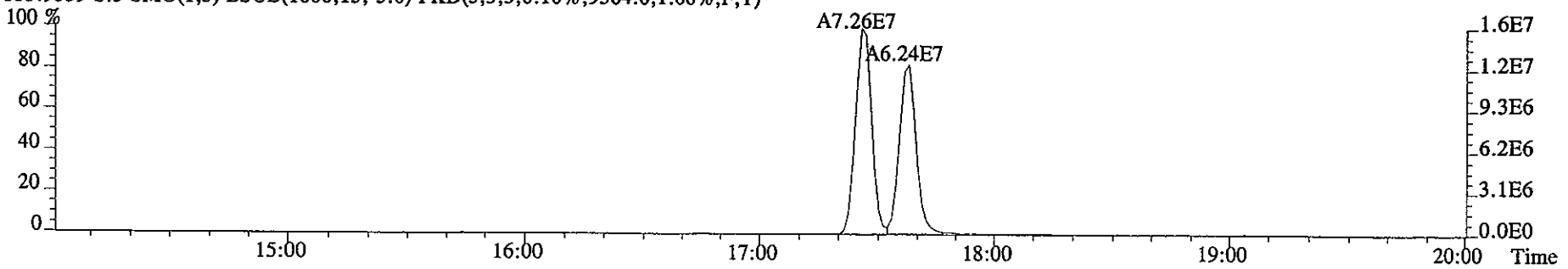
327.8847 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5308.0,1.00%,F,T)



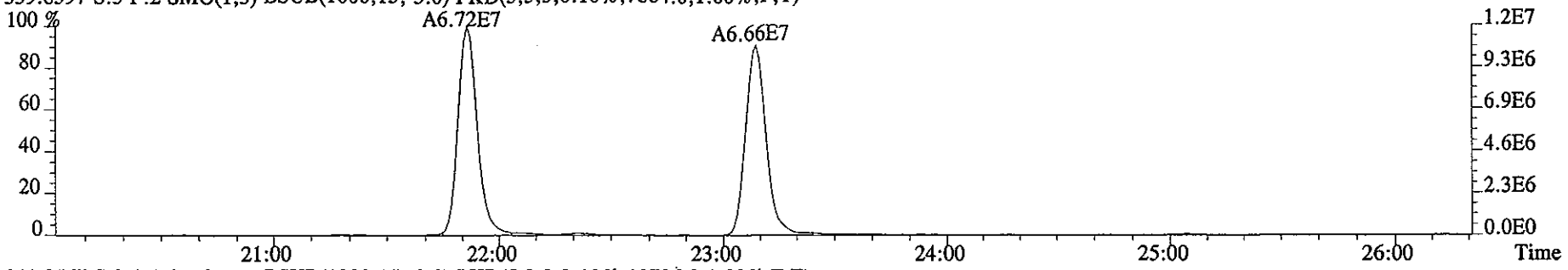
331.9368 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,21020.0,1.00%,F,T)



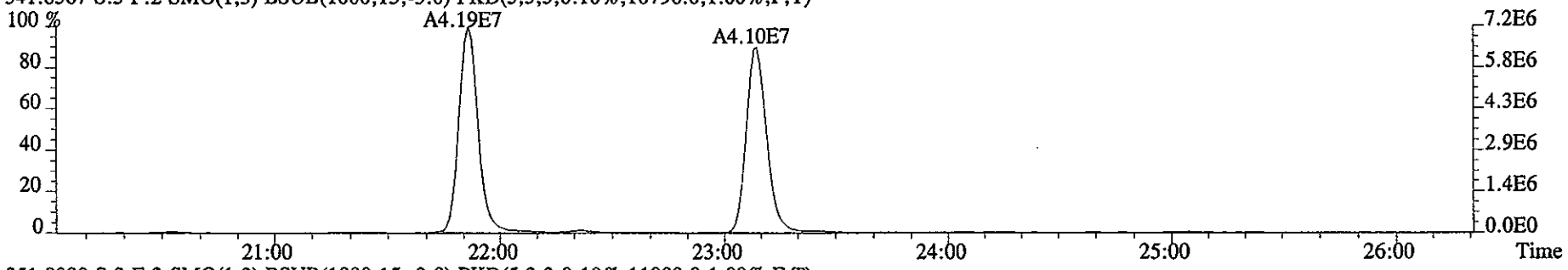
333.9339 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9504.0,1.00%,F,T)



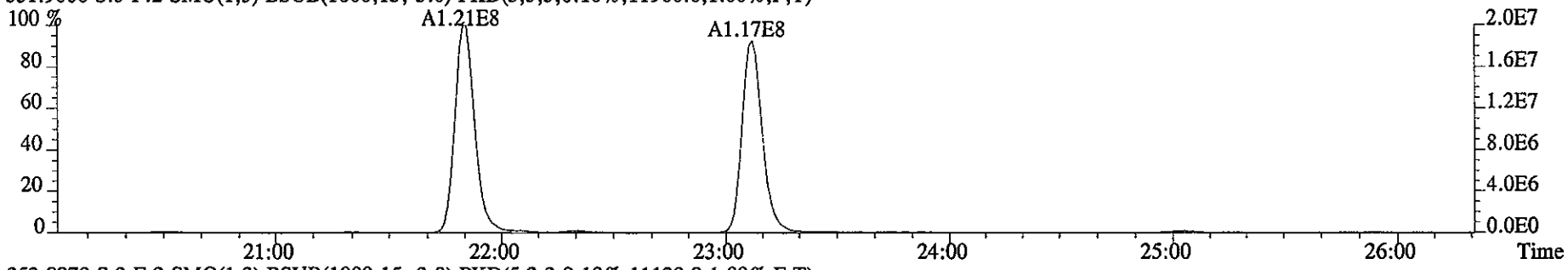
File:12DE051D5 #1-445 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7884.0,1.00%,F,T)



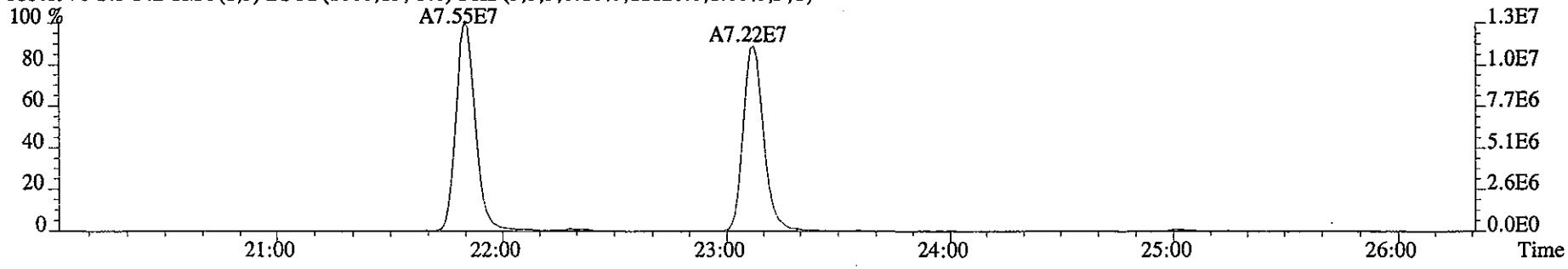
341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10796.0,1.00%,F,T)



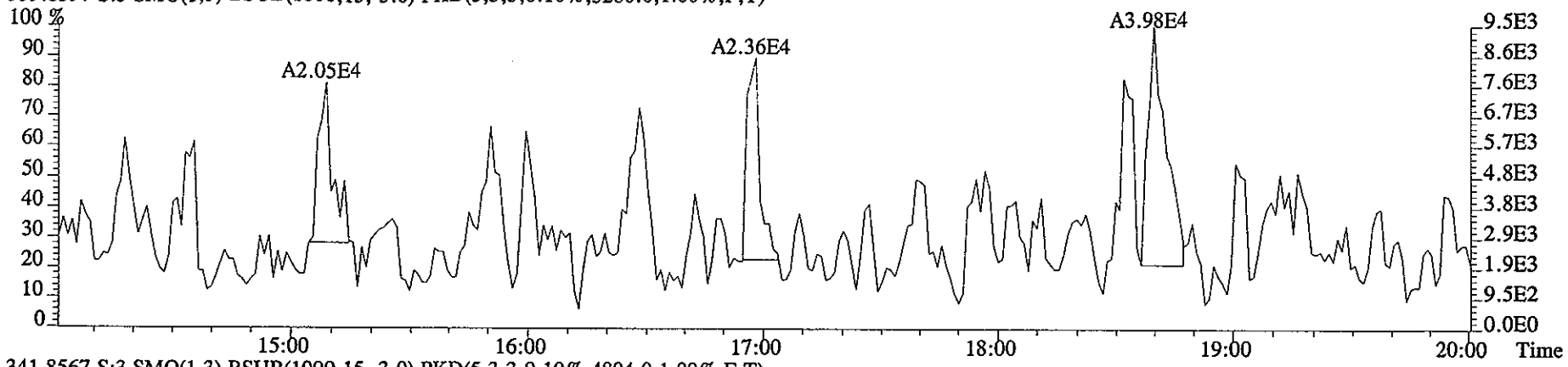
351.9000 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11900.0,1.00%,F,T)



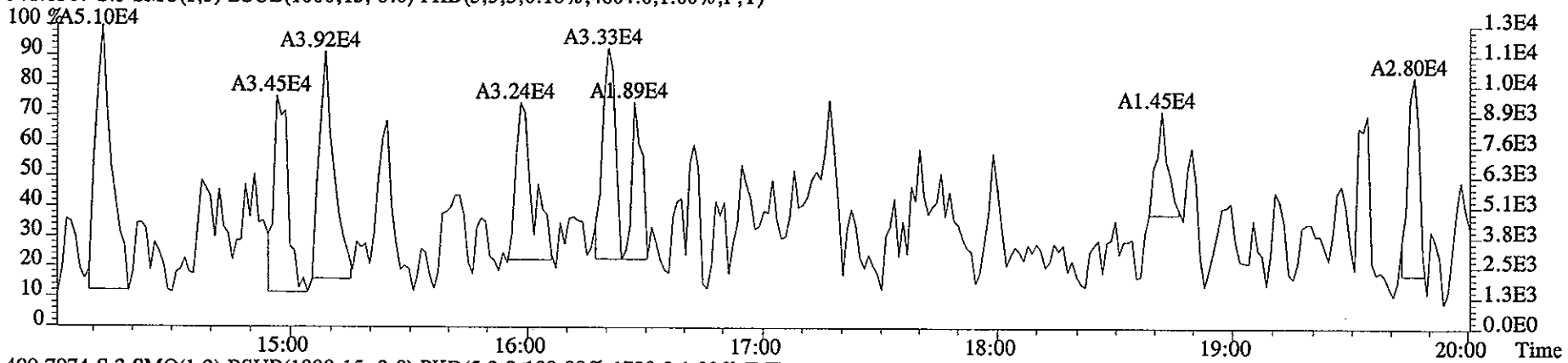
353.8970 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11120.0,1.00%,F,T)



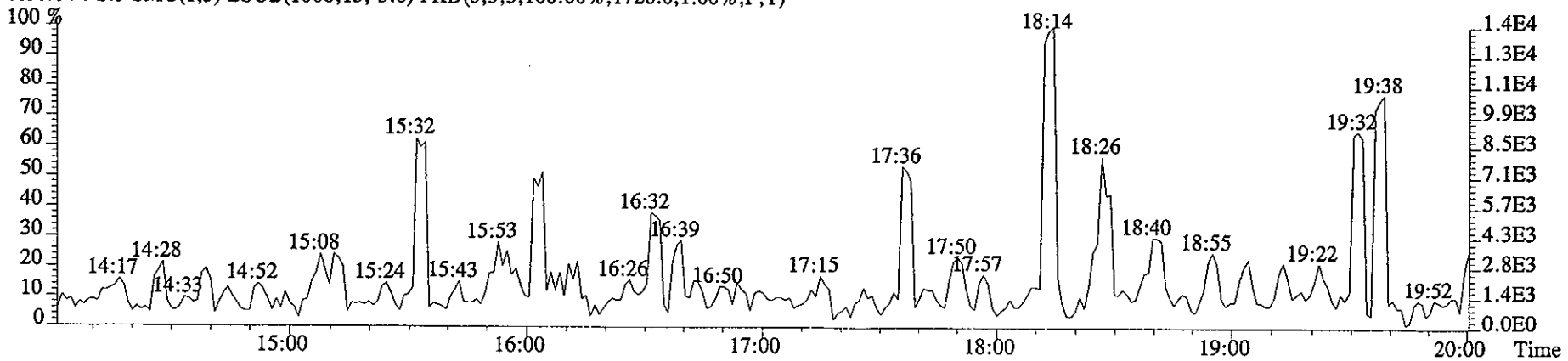
File:12DE051D5 #1-326 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
339.8597 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3280.0,1.00%,F,T)



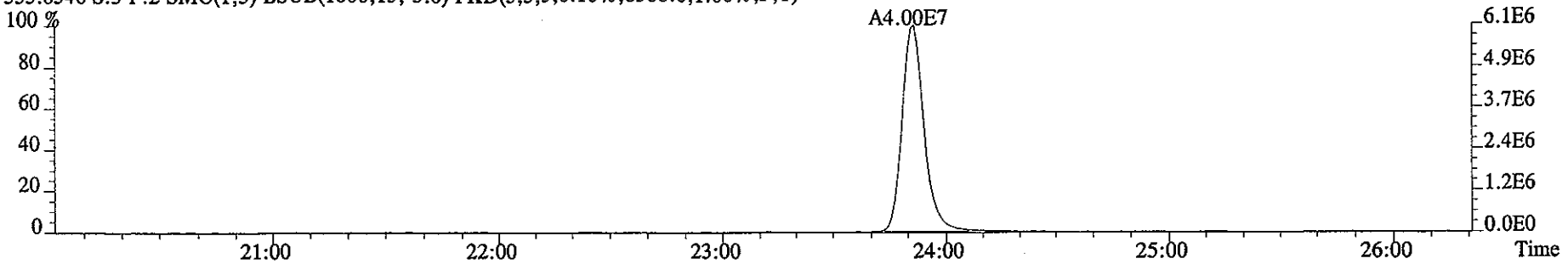
341.8567 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4804.0,1.00%,F,T)



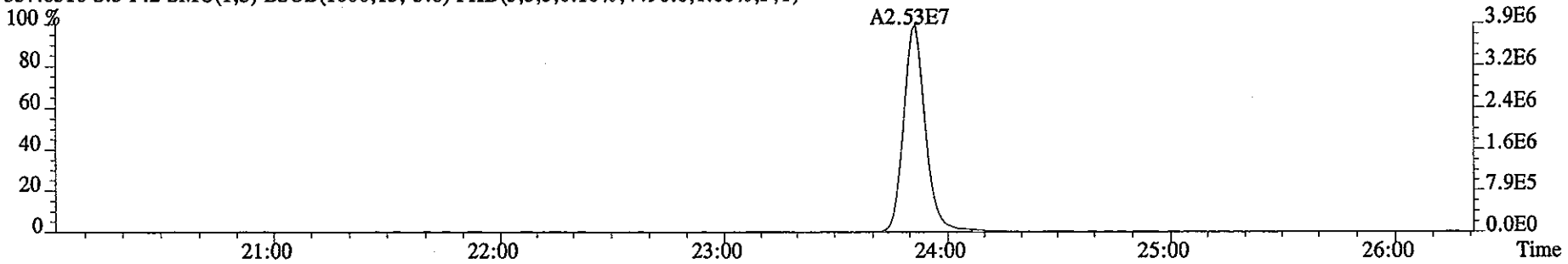
409.7974 S:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,1728.0,1.00%,F,T)



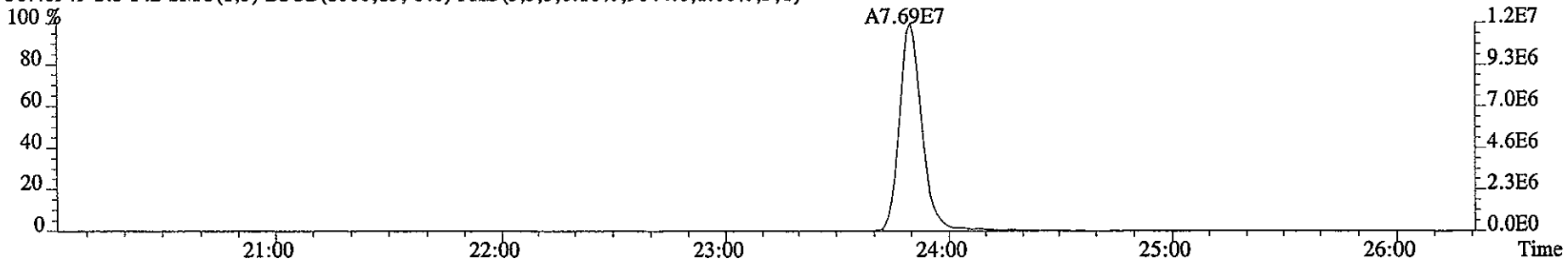
File:12DE051D5 #1-445 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
355.8546 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8388.0,1.00%,F,T)



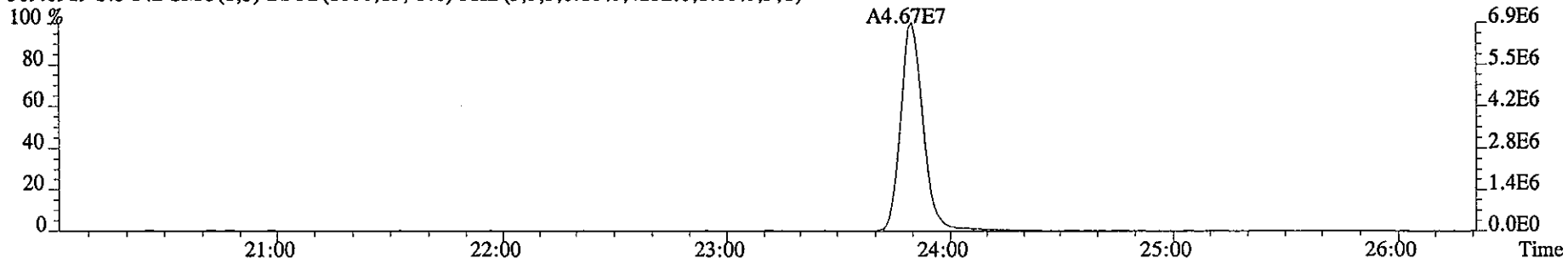
357.8516 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4496.0,1.00%,F,T)



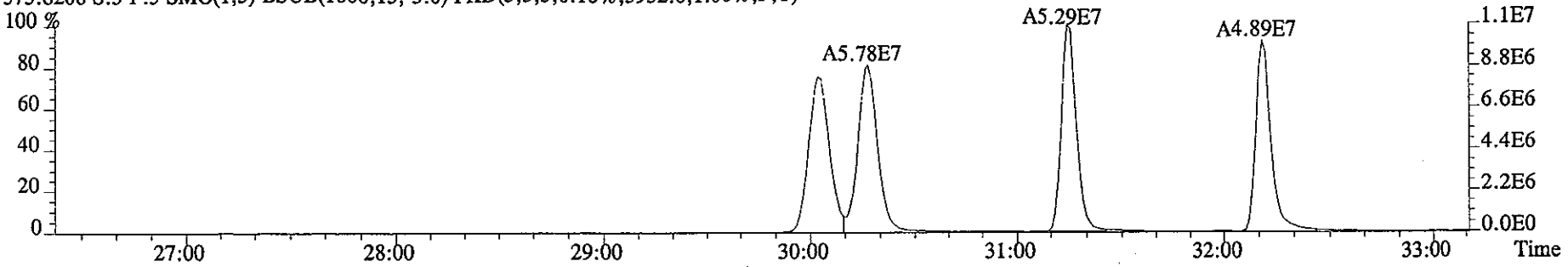
367.8949 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9044.0,1.00%,F,T)



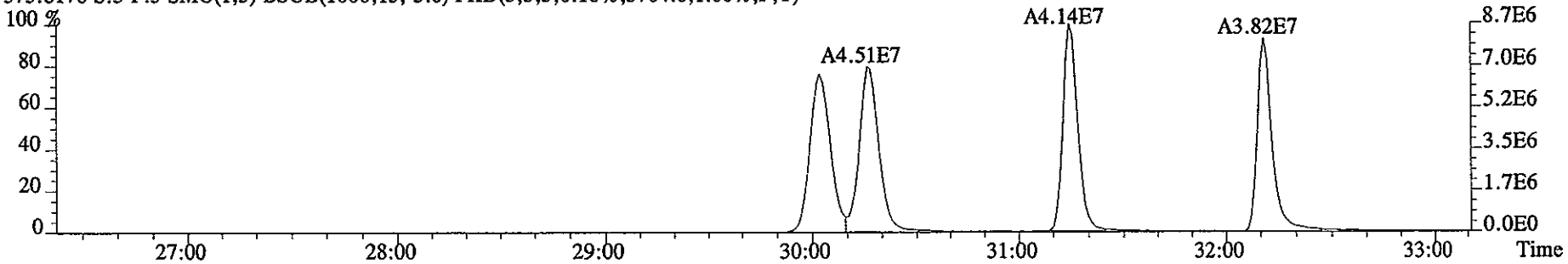
369.8919 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4252.0,1.00%,F,T)



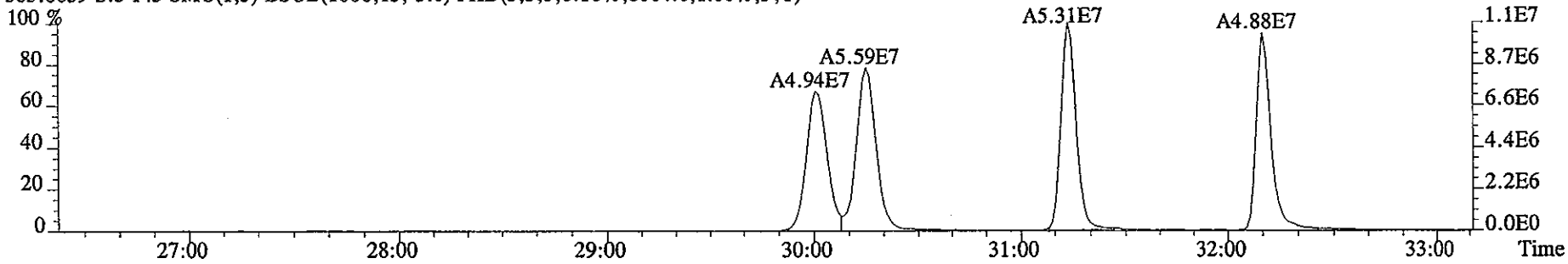
File:12DE051D5 #1-458 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
373.8208 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5952.0,1.00%,F,T)



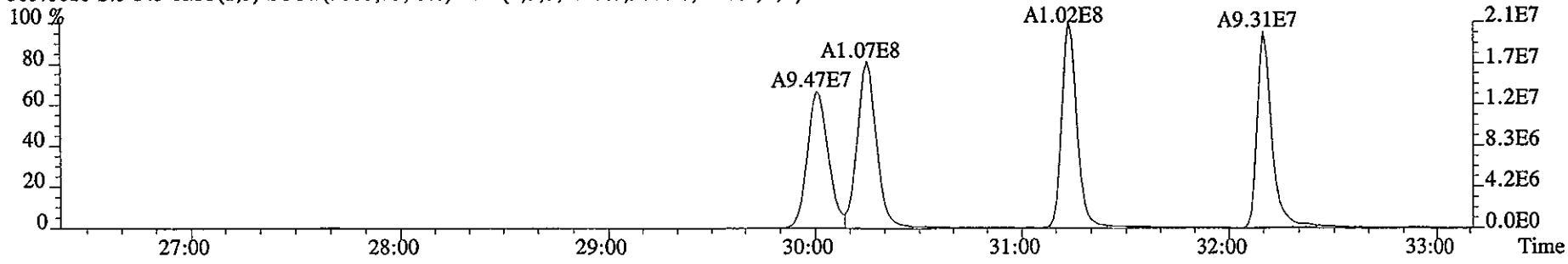
375.8178 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,3704.0,1.00%,F,T)



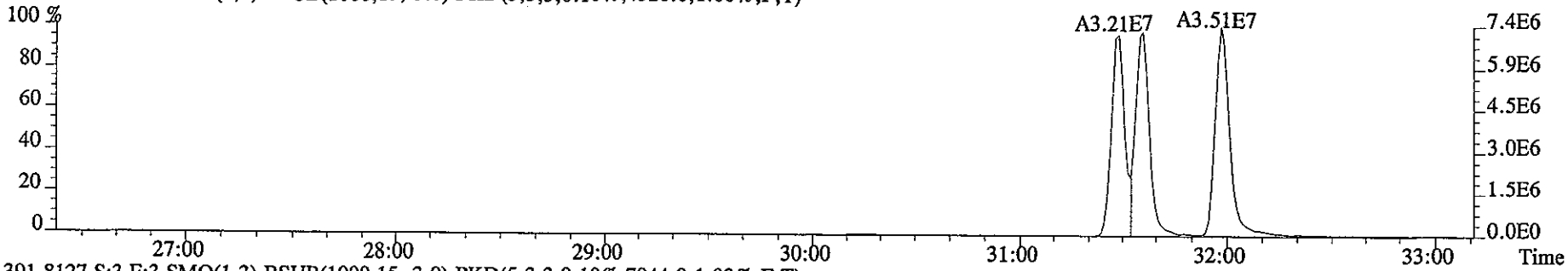
383.8639 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,8064.0,1.00%,F,T)



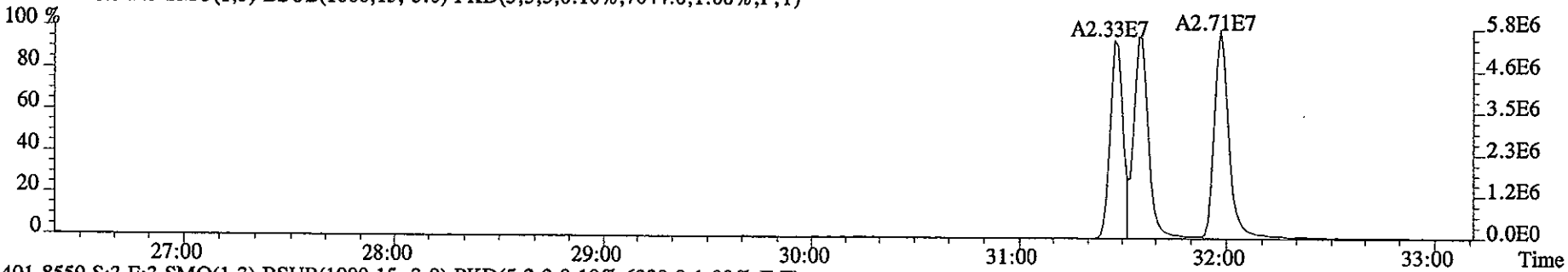
385.8610 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9660.0,1.00%,F,T)



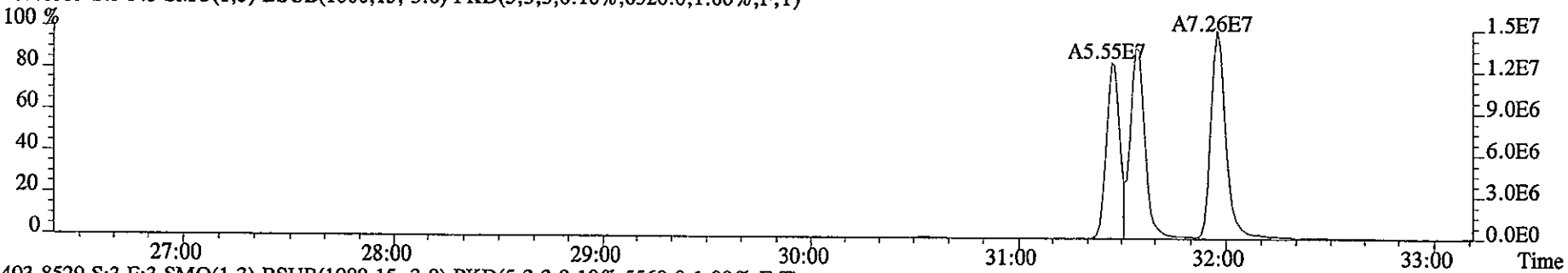
File:12DE051D5 #1-458 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
389.8157 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4328.0,1.00%,F,T)



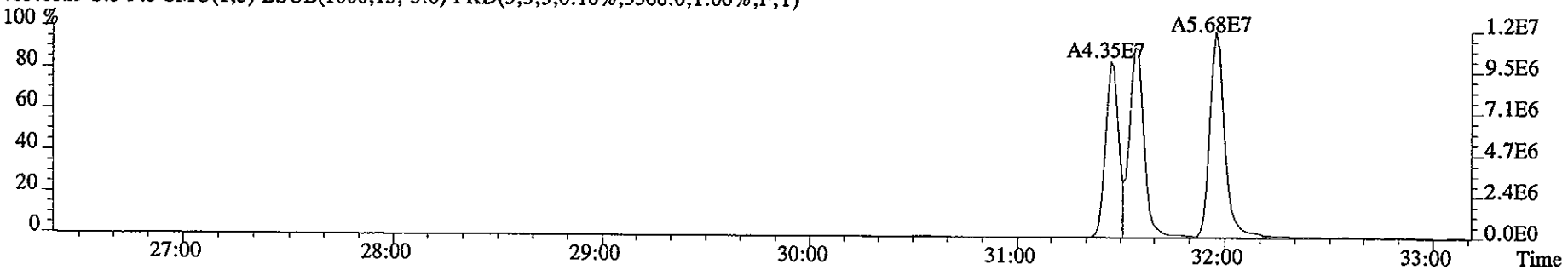
391.8127 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7044.0,1.00%,F,T)



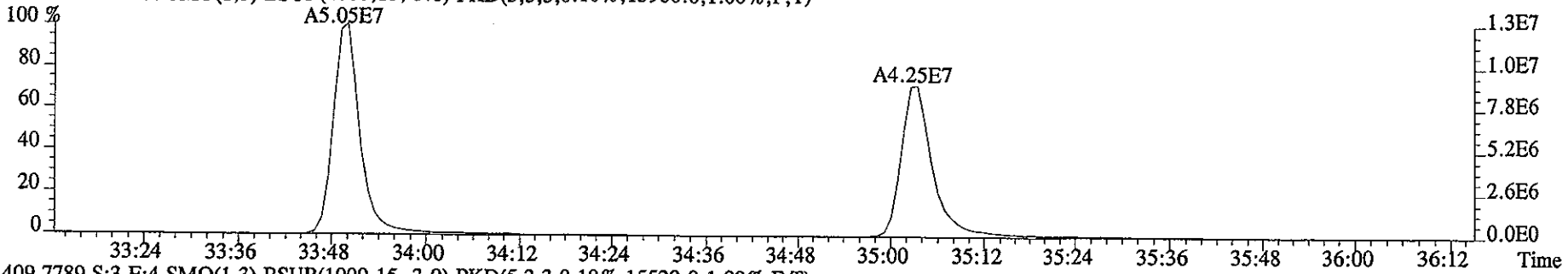
401.8559 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6320.0,1.00%,F,T)



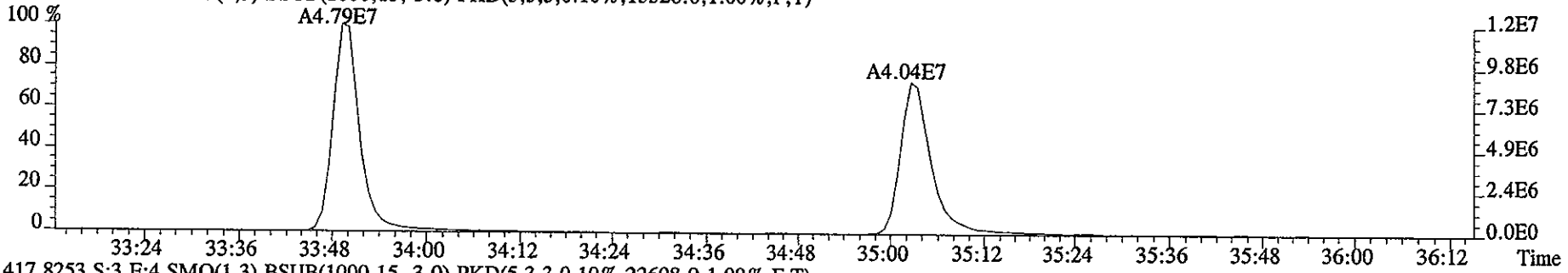
403.8529 S:3 F:3 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,5560.0,1.00%,F,T)



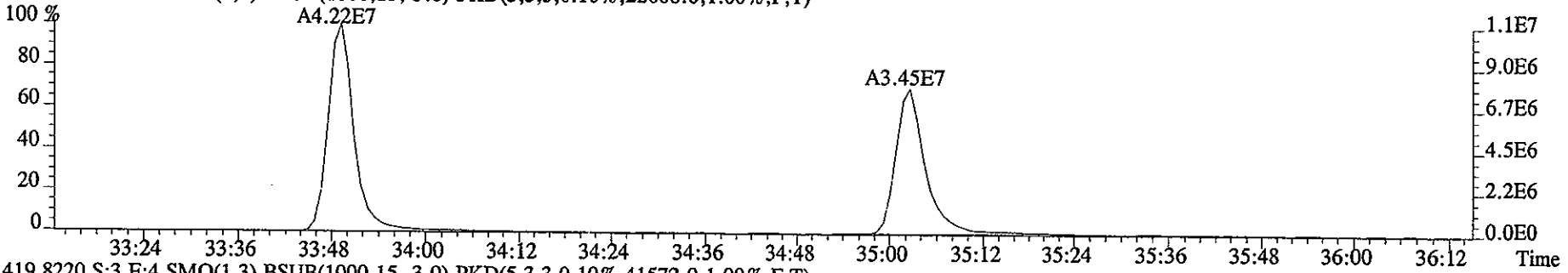
File:12DE051D5 #1-215 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13980.0,1.00%,F,T)



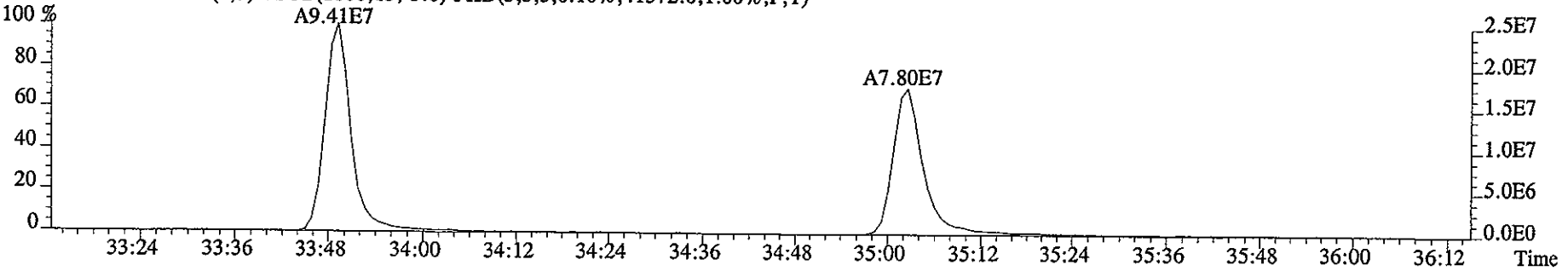
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15528.0,1.00%,F,T)



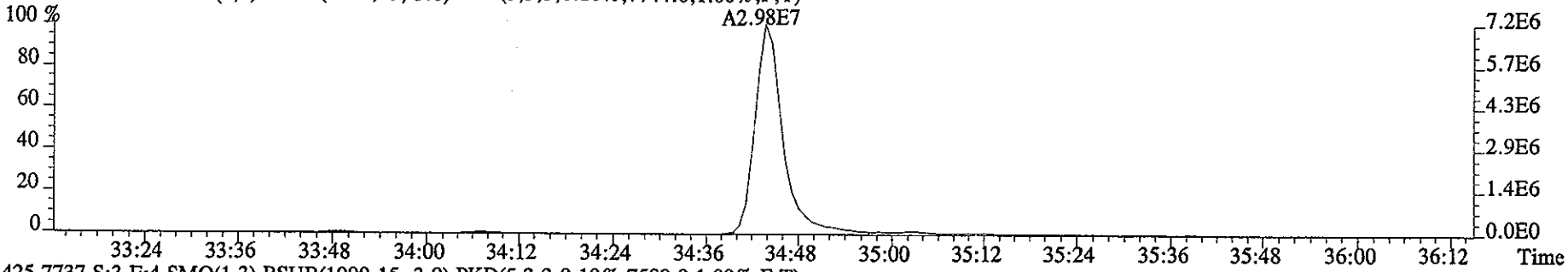
417.8253 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,22608.0,1.00%,F,T)



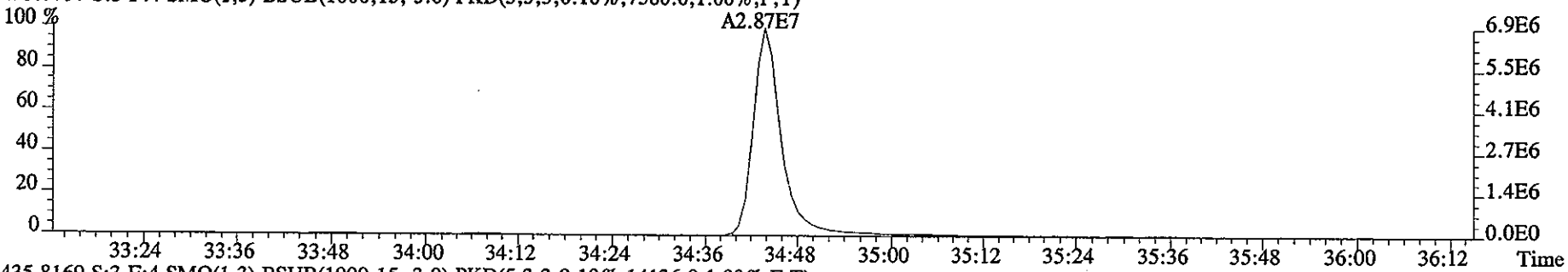
419.8220 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,41572.0,1.00%,F,T)



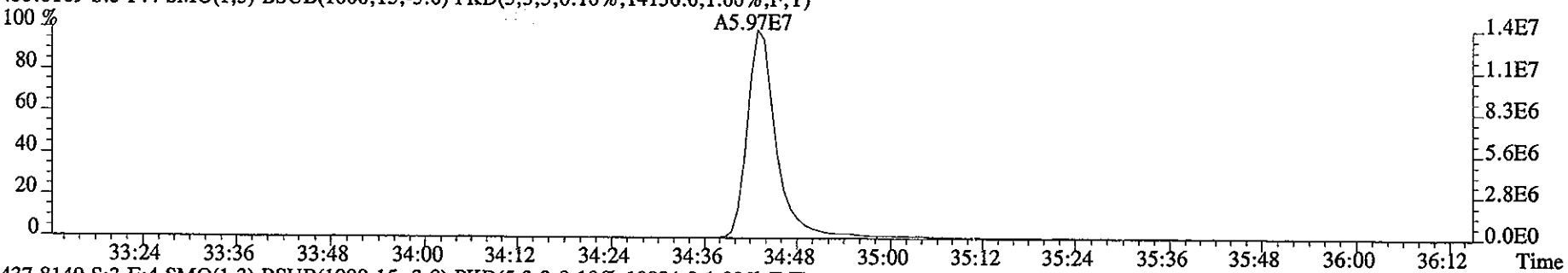
File:12DE051D5 #1-215 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
423.7766 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7744.0,1.00%,F,T)



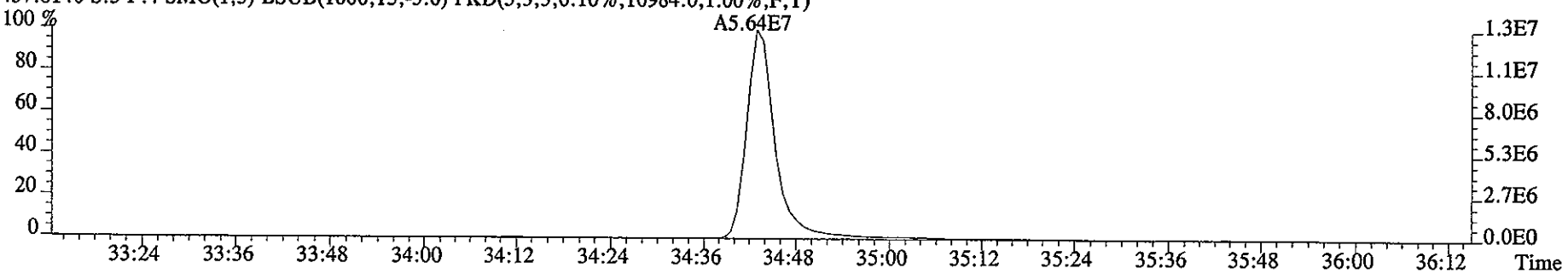
425.7737 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7580.0,1.00%,F,T)



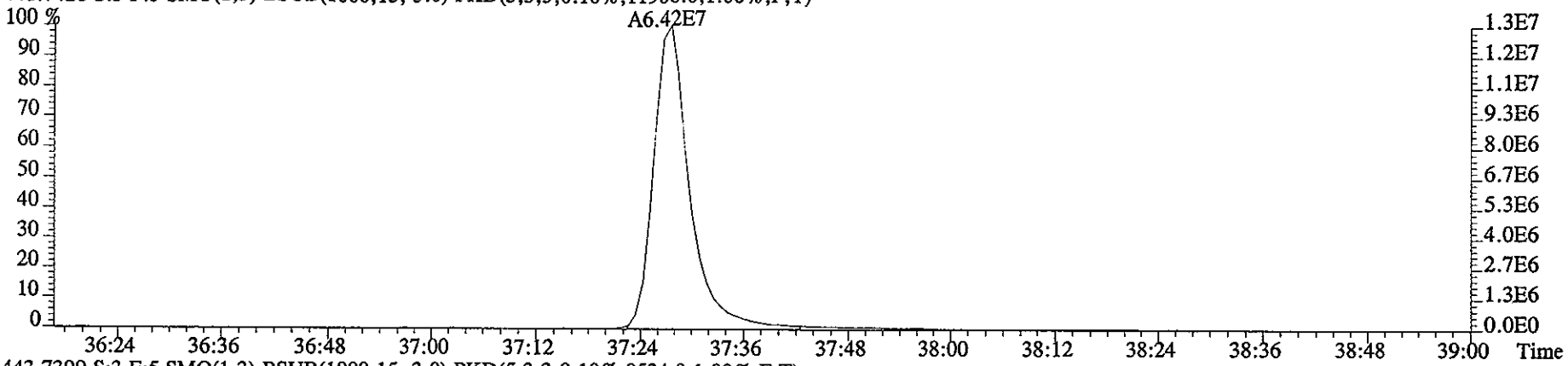
435.8169 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14136.0,1.00%,F,T)



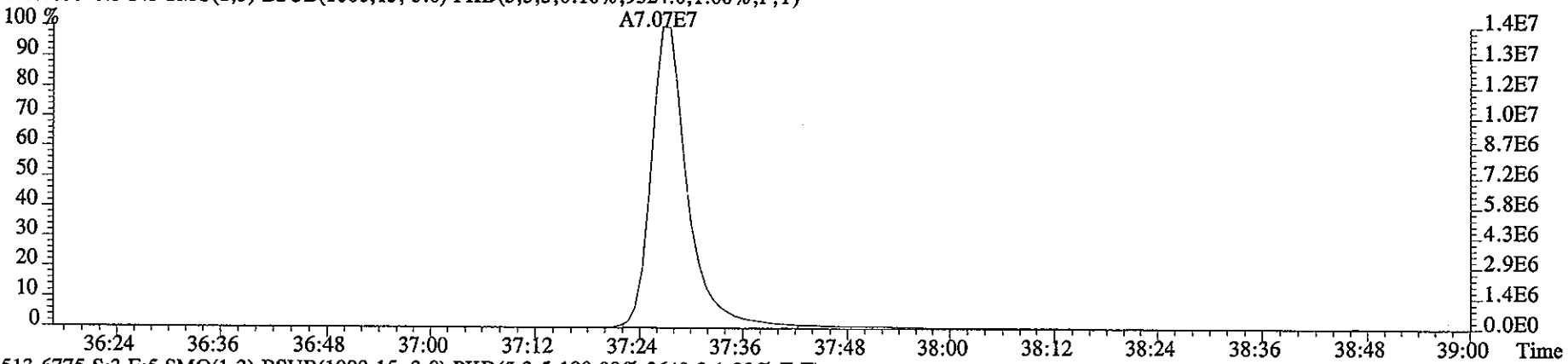
437.8140 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10984.0,1.00%,F,T)



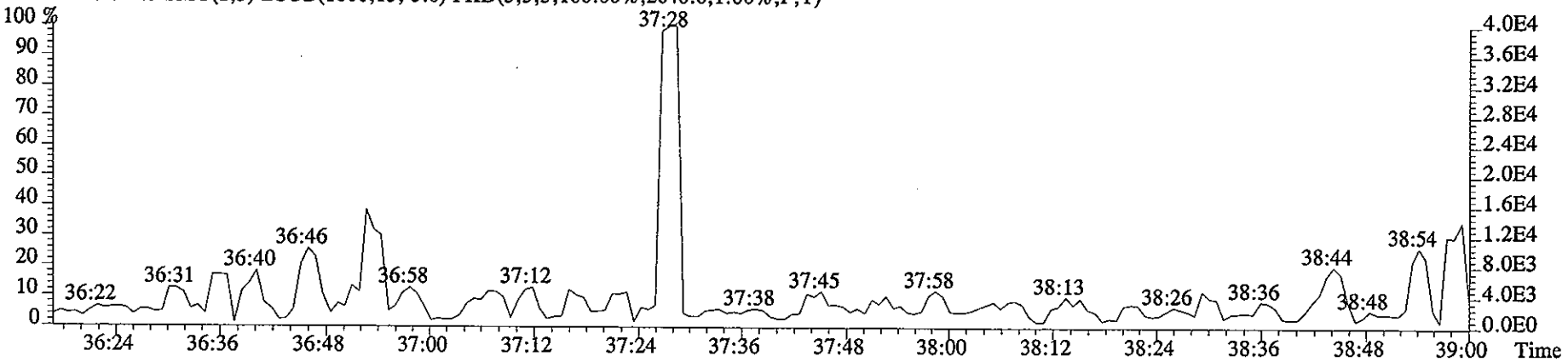
File:12DE051D5 #1-197 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
441.7428 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,11908.0,1.00%,F,T)



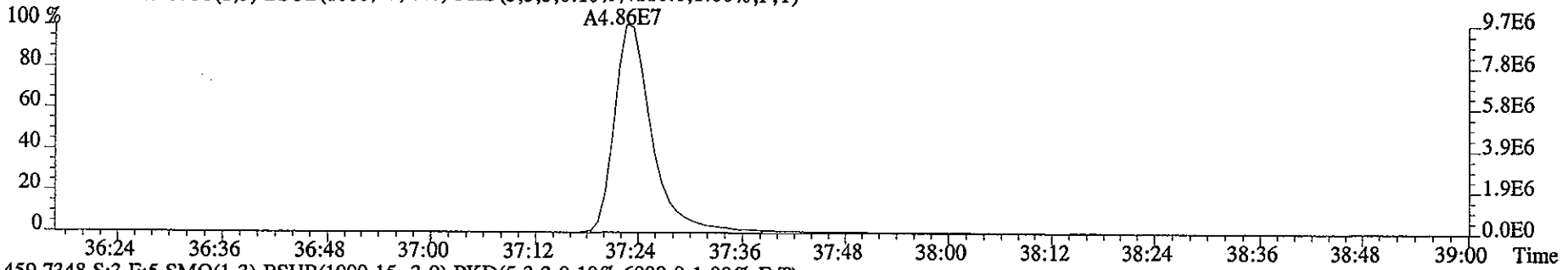
443.7399 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,9524.0,1.00%,F,T)



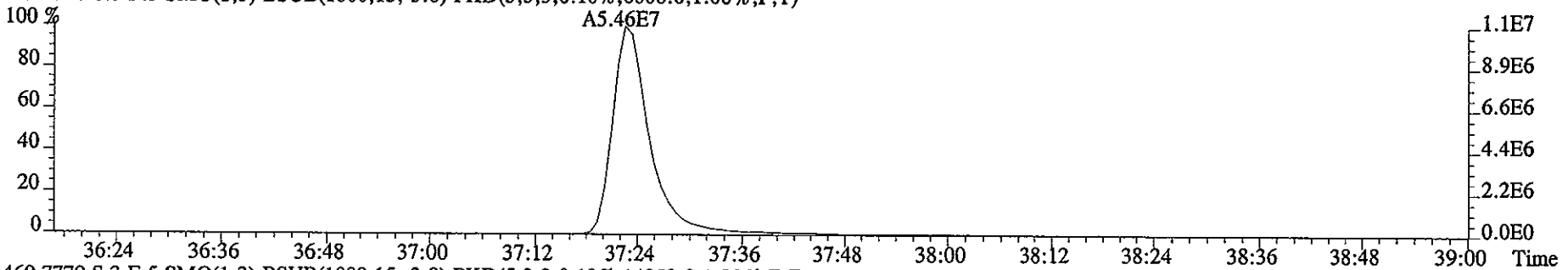
513.6775 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,5,100.00%,2640.0,1.00%,F,T)



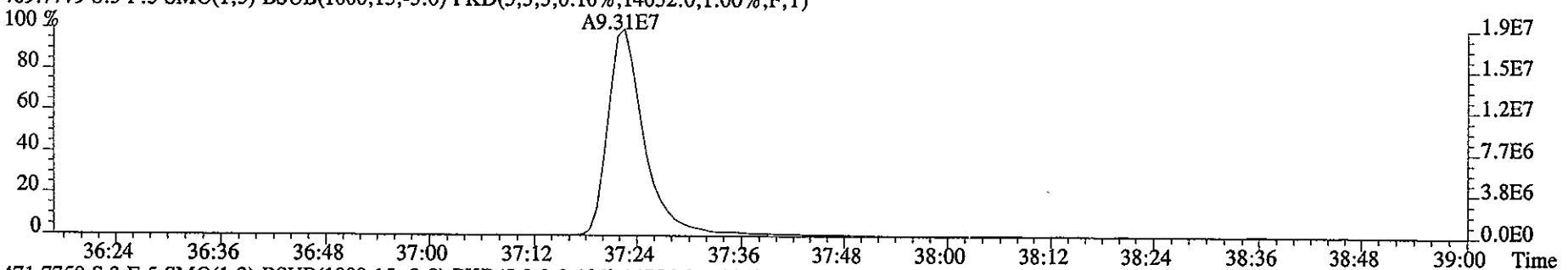
File:12DE051D5 #1-197 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
457.7377 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,4116.0,1.00%,F,T)



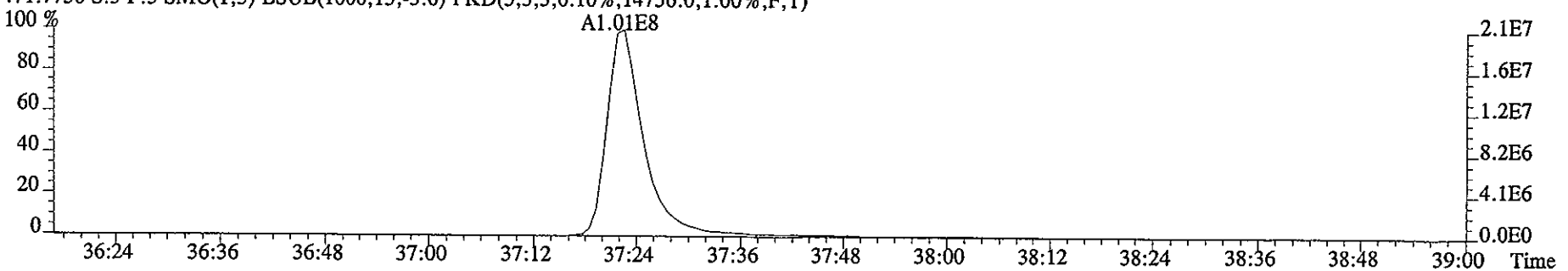
459.7348 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,6008.0,1.00%,F,T)



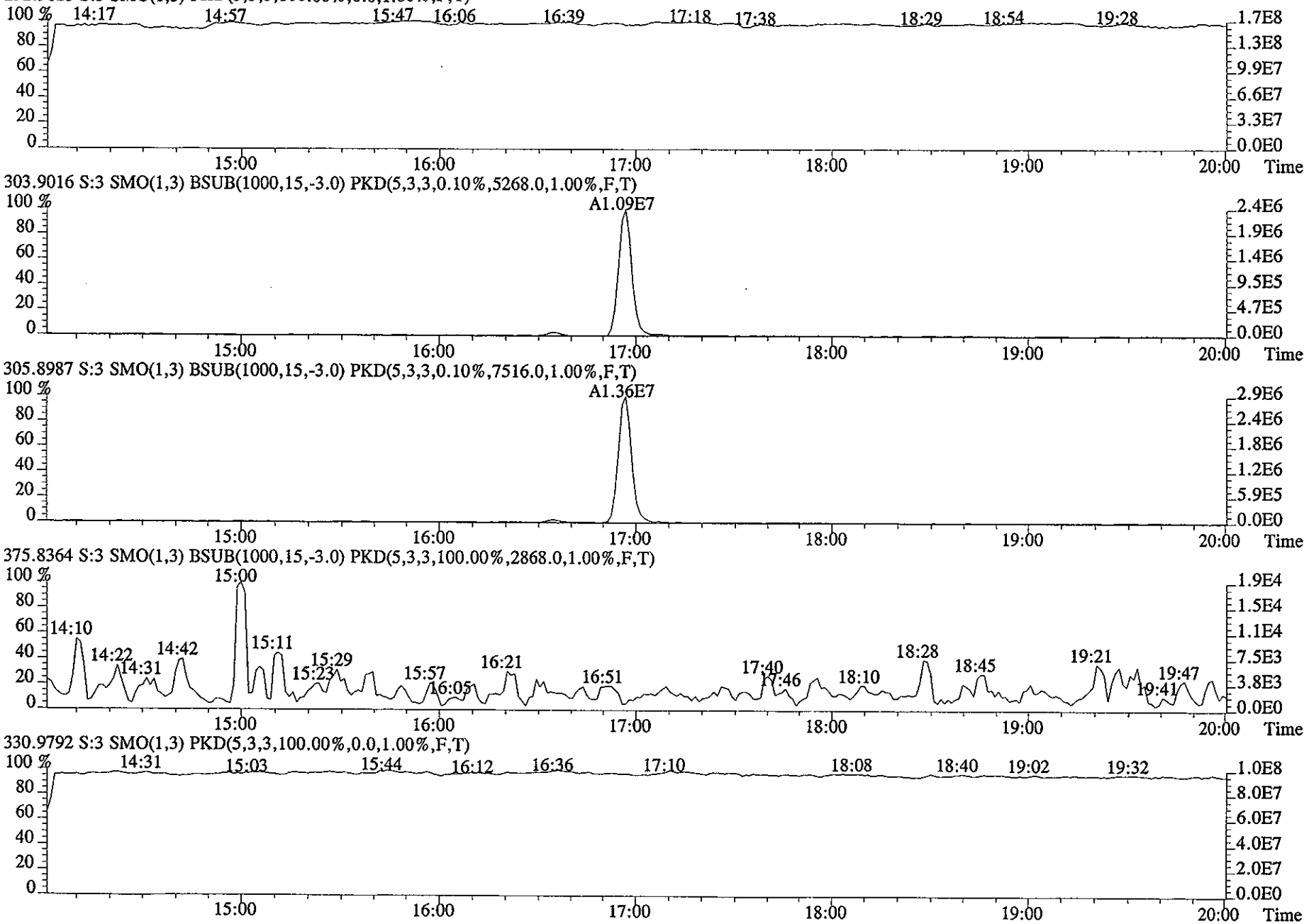
469.7779 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14052.0,1.00%,F,T)



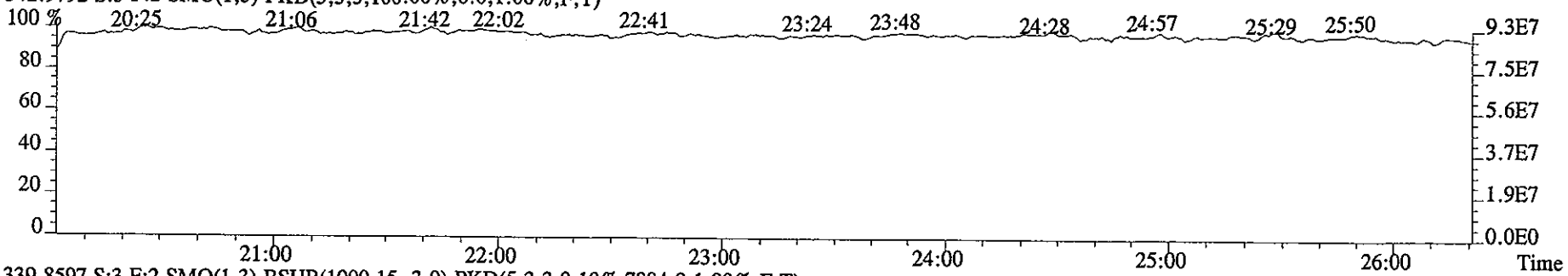
471.7750 S:3 F:5 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,14756.0,1.00%,F,T)



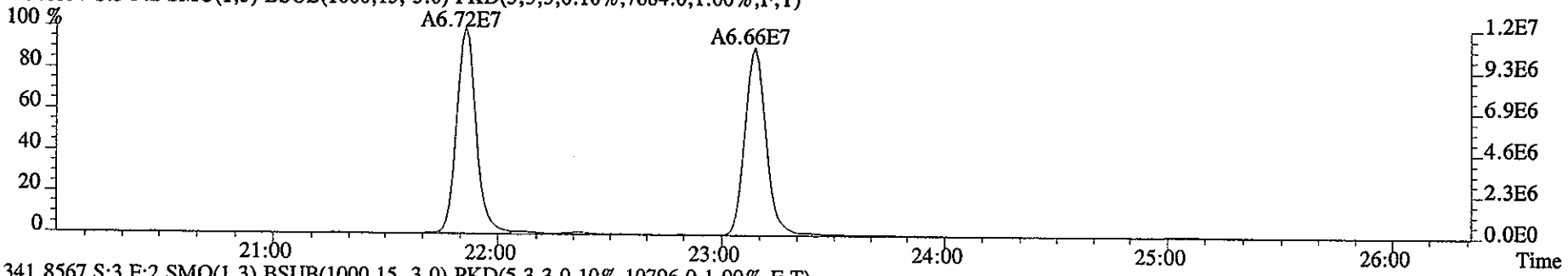
File:12DE051D5 #1-326 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN



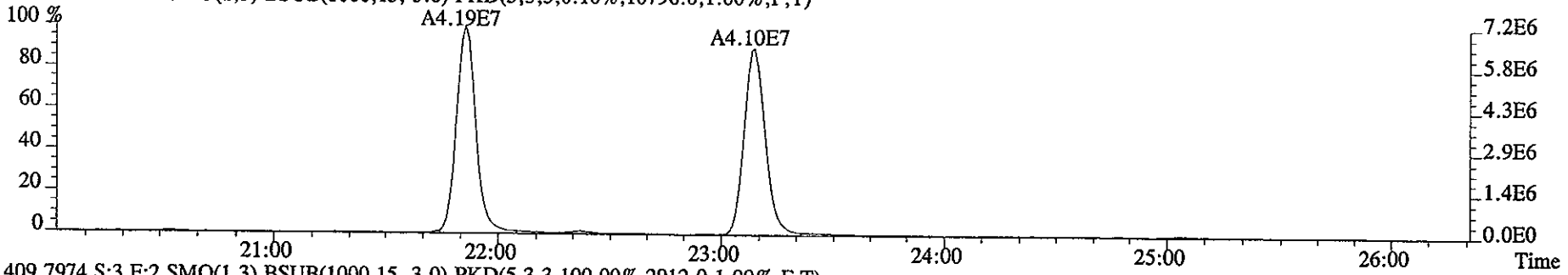
File:12DE051D5 #1-445 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
342.9792 S:3 F:2 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



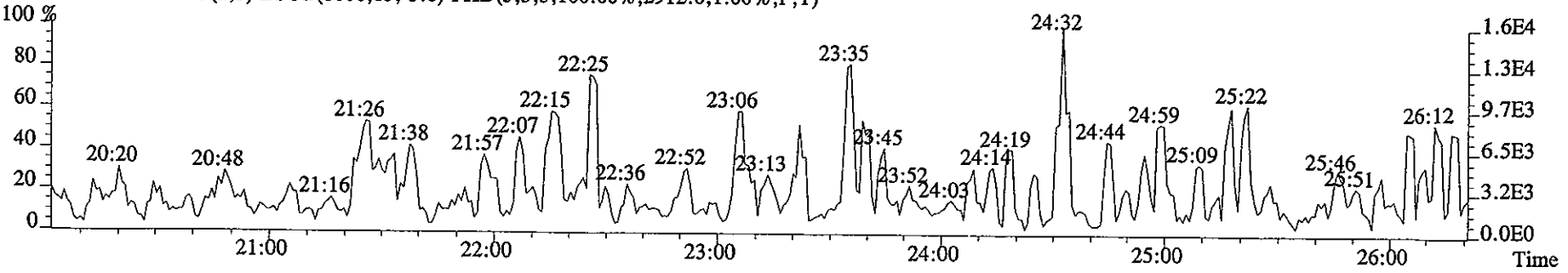
339.8597 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,7884.0,1.00%,F,T)



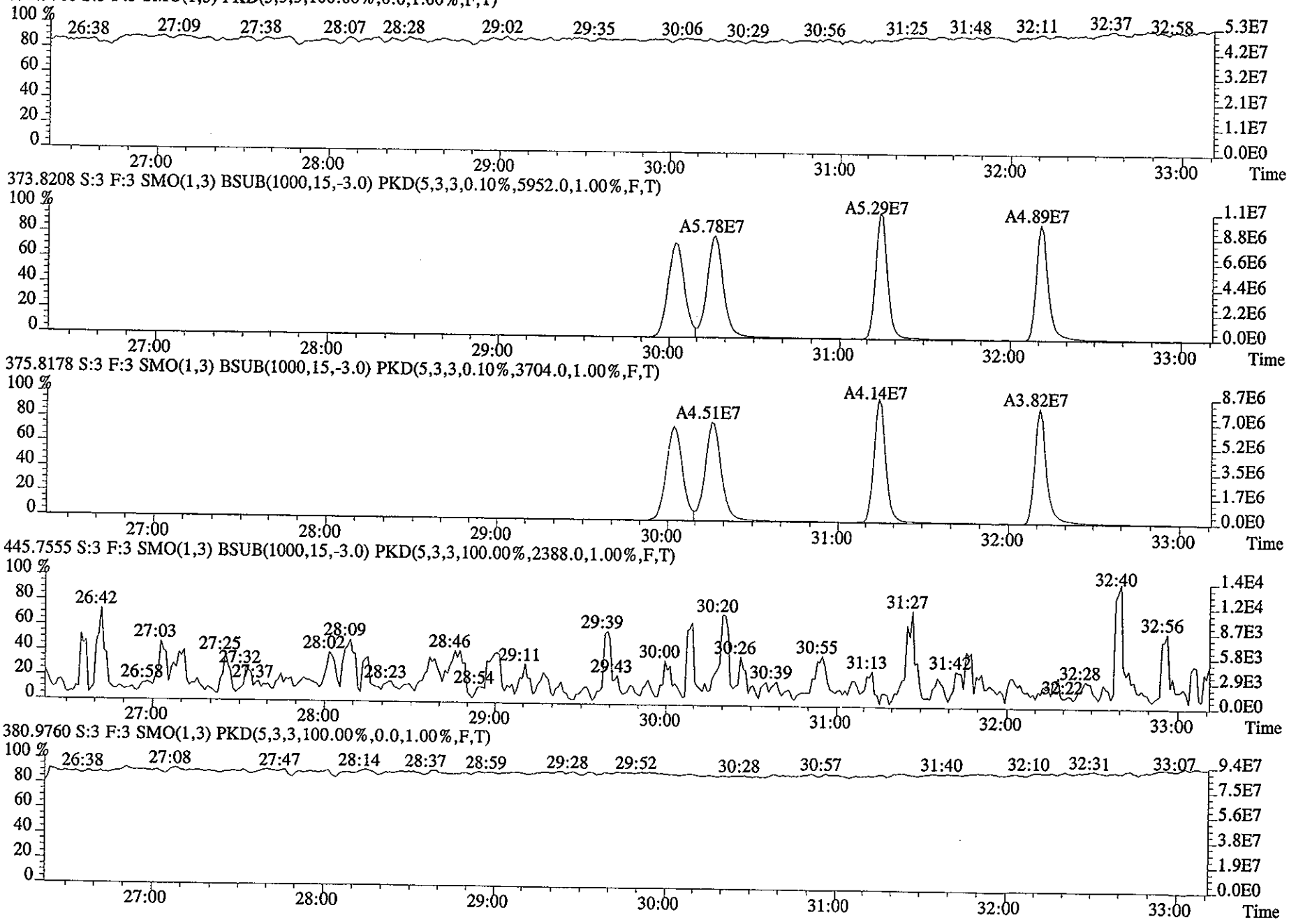
341.8567 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,10796.0,1.00%,F,T)



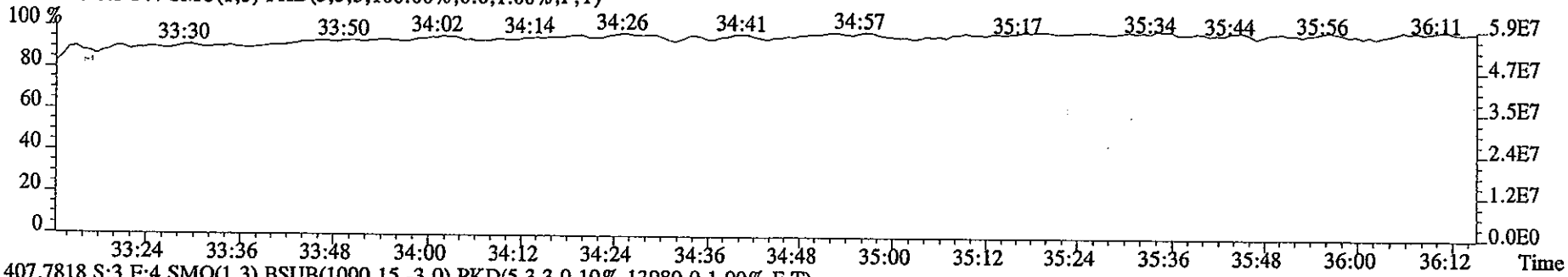
409.7974 S:3 F:2 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,2912.0,1.00%,F,T)



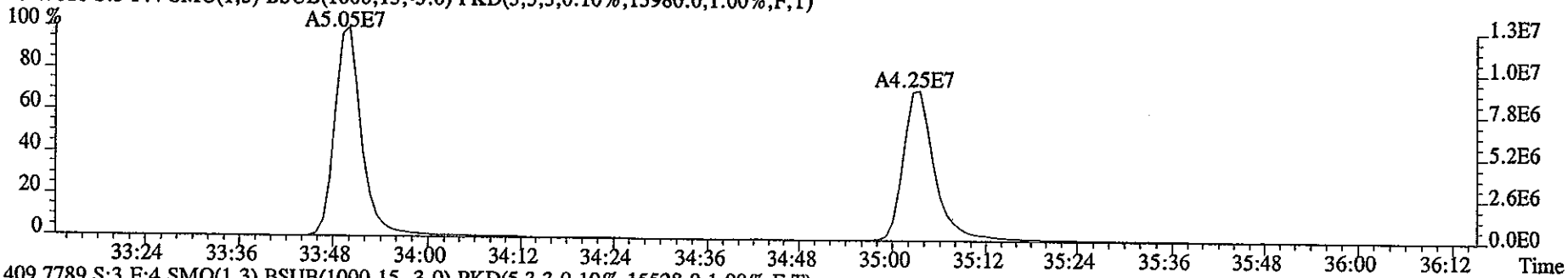
File:12DE051D5 #1-458 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN



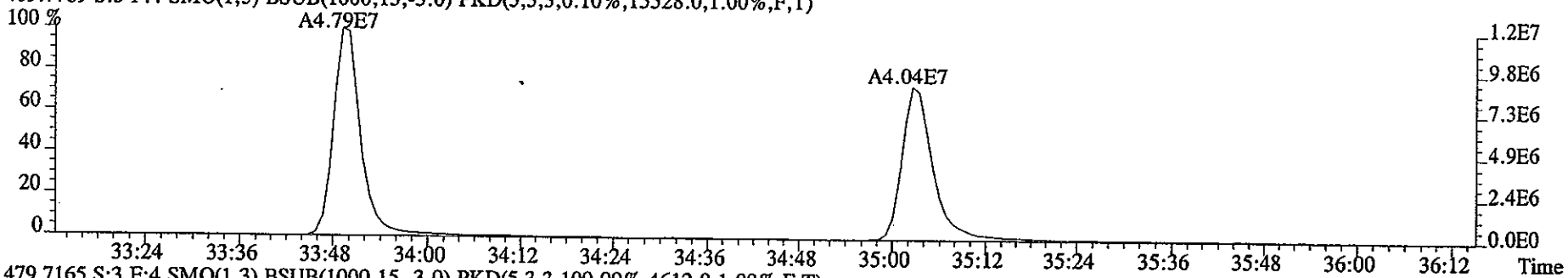
File:12DE051D5 #1-215 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
430.9728 S:3 F:4 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



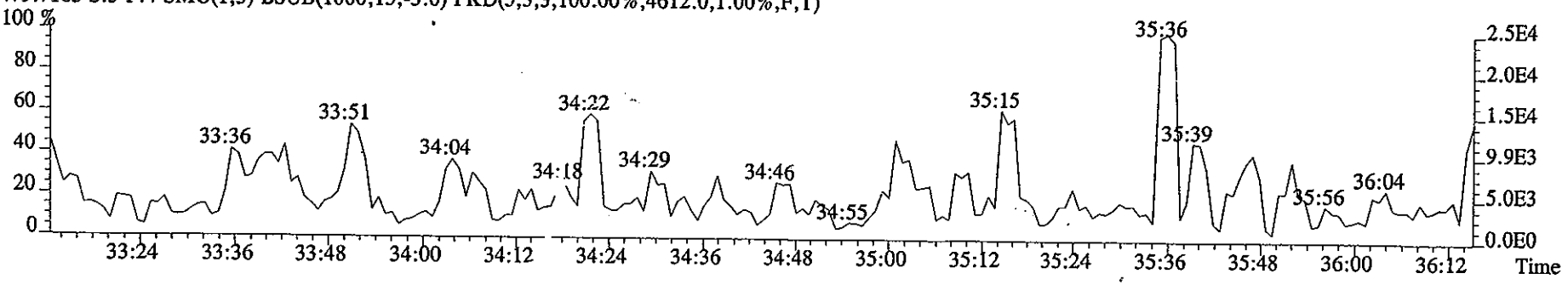
407.7818 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,13980.0,1.00%,F,T)



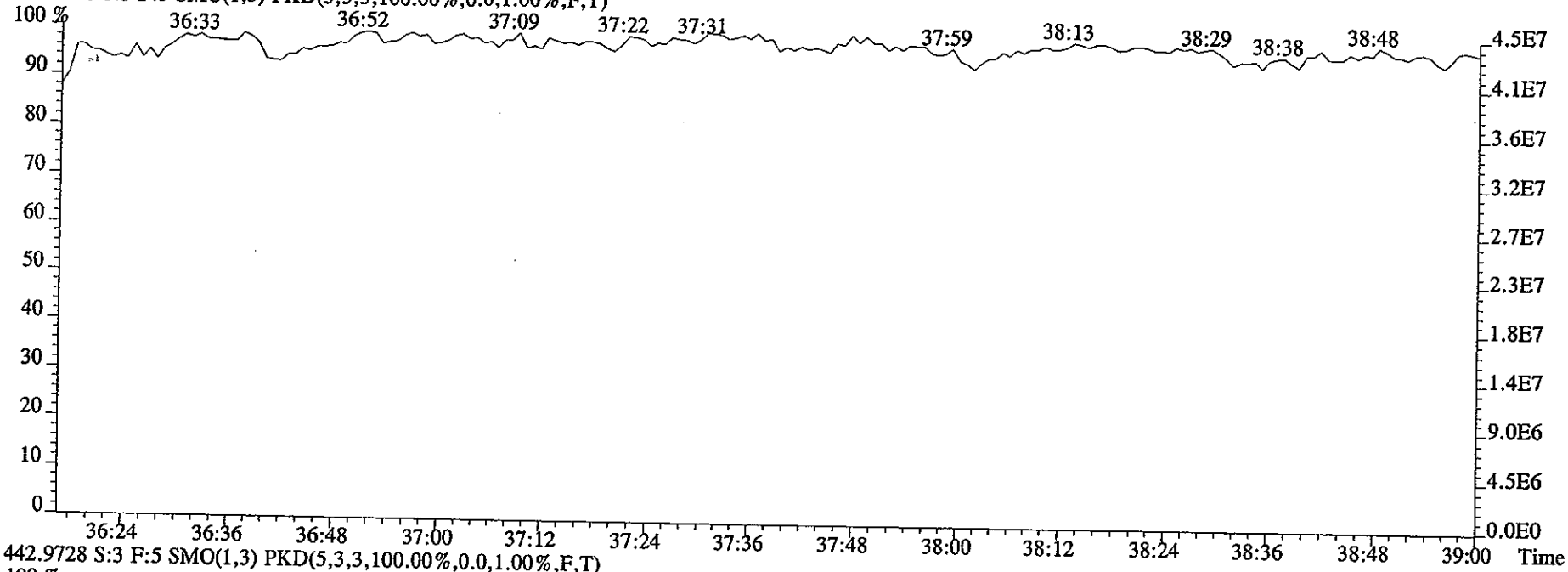
409.7789 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,0.10%,15528.0,1.00%,F,T)



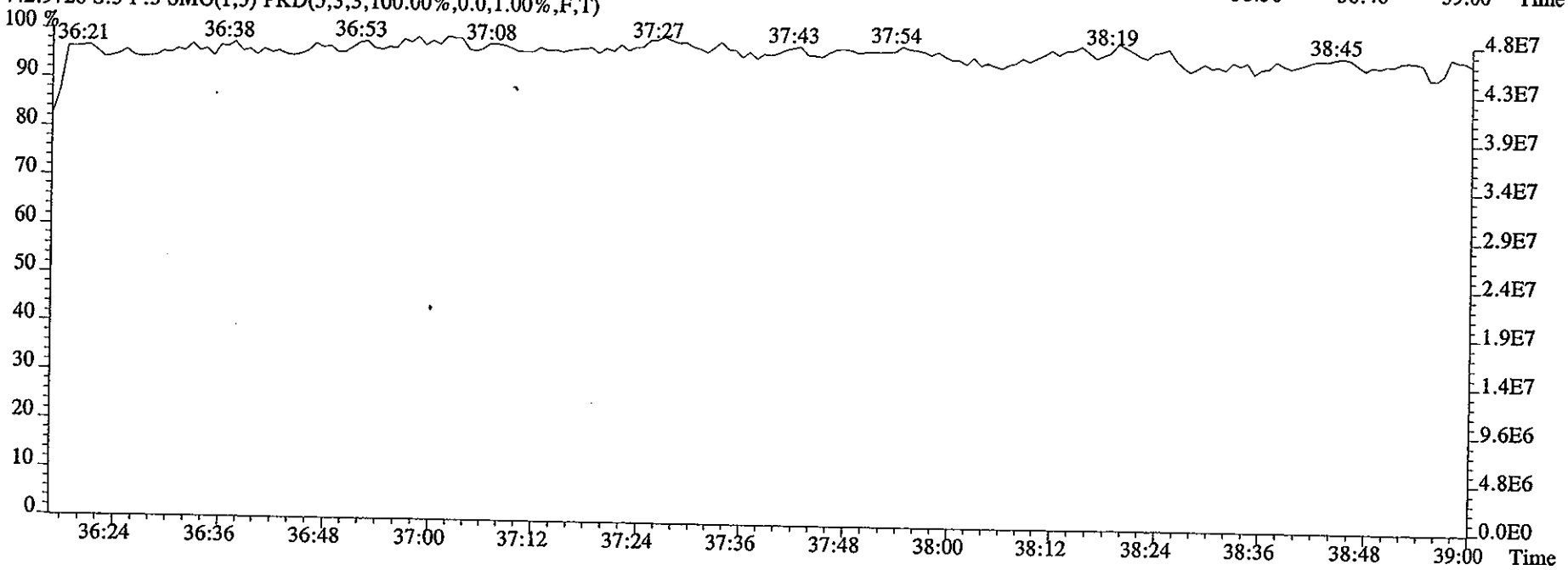
479.7165 S:3 F:4 SMO(1,3) BSUB(1000,15,-3.0) PKD(5,3,3,100.00%,4612.0,1.00%,F,T)



File:12DE051D5 #1-197 Acq:12-DEC-2005 10:06:43 GC EI+ Voltage SIR 70SE
Sample#3 Text:2nd Source :091305IS-2QC Exp:DIOXIN
454.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



442.9728 S:3 F:5 SMO(1,3) PKD(5,3,3,100.00%,0.0,1.00%,F,T)



Sample Extraction/Preparation Log Copies and Checklists

DCS is only required when a client requests one or a MS/SD is requested and limited sample size is available.

G5L300272

IN

Please Circle Extraction Type if used:
Soxhlet / Soxhtherm / DI TCLP

	Ext. 1	Ext. 2
Extraction time on:		
Extraction time off:		

Dioxins/Furans, HRGC/HRMS (8290)

Sample #	Suff	Sugg. Sample Size	Actual Sample Size	613 Extraction Init/Date	Option C (Acid/Base) Init/Date	IFB Init/Date	D2 Init/Date	* Final Volume Init/Date	Init/Date	Init/Date	Init/Date
MB			5g 1/9/06			TL 1/10/06					
LCS			5g	SDB 1/9/06							
DCS											
7			999.18								
13			1021.65								

All Samples I.S. ID Added Vol./Conc.	2726-02 IS 1.0ml	By:	SDB	Witness:		Date:	1/9/06
LCS/DCS/MS/SD N.S. ID Added Vol./Conc.	—	By:	—	Witness:	—	Date:	—
All Samples CRS/Surr ID Added Vol./Conc.	1.0 mL 2565-66	By:	T.L	Witness:		Date:	JAN 10 2006
All Samples R.S. ID Added Vol./Conc.	20ul/2565-22	By:	BDH	Witness:	NOA	Date:	JAN 10 2006

Comments (Including Dilution at FV information):

QC Lot ID: None

Batch: 600637

Extraction Solvents Used:	Solvent Lot #:
DCM	B38E07

Associated Samples:	Batch:	Method:

*Note: Final Volume column is used when the analyst who performed the addition of the Recovery Standard is different than the individual who concentrated the sample to the final volume. Also, if the final volume is different than the volume of Recovery Standard added, please denote in this column as well.

SEVERN TRENT SERVICES

STL Sacramento
Data Checklist
High Resolution and Low Resolution Analyses

Lot ID #: G5L300272 Method ID: Dioxins/Furans, HRGC/HRMS (8290)

Sample # 7, 13

(For Internal COC requests only)

Date Delivered to Inst.: ________ Delivered By: ________ Delivered To: ________

	DB-5	DB-225
Data Analyst:	JH	
Date initiated:	1.13.06	
Reviewer:	JC	
Date reviewed:	01/16/06	

QA/QC verification:	Initiated DB-5	Reviewed DB-5	Initiated DB-225 (High Res Only)	Reviewed DB-225 (High Res Only)
-Daily standard package(s) present?	✓ (1)	✓		
-Method Blank present?	✓	✓		
-LCS/DCS copy present and meets native recovery criteria?	✓	✓		
-Internal standard recoveries within limits?*	✓	✓		
-Ion ratios within + 15% of theoretical values?	✓	✓		
-Other QC (Dup,MS,SD) within specs?**	NA	NA		

Sample Analysis:	Initiated DB-5	Reviewed DB-5	Initiated DB-225 (High Res Only)	Reviewed DB-225 (High Res Only)
-Correct sample aliquot used?	✓	✓		
-All raw data present?	✓	✓		
-Standard target DL's used? If RL's are used specify:________	✓	✓		
-DL's below TDL / LCL (please circle)?	✓	✓		
-All positives reported at levels greater than method blank DL's?	NA	NA		
-Correct RRF's used for method?	✓	✓		
-Internal standard amounts correct for method?	✓	✓		
-Target analytes are not saturated?	✓	✓		
-Dilution/splitting of extract taken into account?	NA	NA		
-Have dilution calculations been verified?	✓	NA		
-Has a manual calculation for the sequence(s) been verified?	✓	✓		
-Are retention times (RT) correct?	✓	✓		
-Manual integrations checked?	NA	NA		

N/A JH 1.13.06

Comments: (Use other side if necessary)

(1) N/MD 7-S2762

* Recovery limits:		**RPD limits:
NCASI 551:	40-120%***	50%
Method 8290:	40-135%***	20%
Method 1613:	25-150%***	50%
Method 23:	40-130%***(Cl4-Cl6), 25-130%(Cl7-8), 70-130%(surr.)	50%
CARB 428:	40-120%***	50%
CARB 429:	50-150%***	50%
PCBs:	25-150%***	50%
DBD/DBF	20-150%***	
Method 8280:	40-120%***	
DFLM01.0:	25-150%***	
Method 1614	25-150%***	

Weight Difference WORKSHEET

Batch Id: 060109

Created date: 1/9/06 2:31:13 PM
Created By: BARMBYS
Test Date: 1/9/06

Initial WT Date:
SOP:
SOP Rev: 0

Sample Id:	Initial Weight	Weight after rinse	Weight Diff	Comments:
C5L150252-5	1459.60	498.34	961.26	
5-MS	1465.70	499.33	966.37	
5-MSD	1522.30	498.69	1023.61	
G5L300233-1	1554.80	499.74	1055.06	
G5L300272-7	1498.00	498.82	999.18	
-13	1521.10	499.45	1021.65	

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 1/16/06
Time: 19:14:23

LEV 1	LEV 2		LEV 1	LEV 2	
Y		Blank	Y		Weights/Volumes
Y		Check	Y		Spike & Surrogate Worksheet
Y		MS/MSD	Y		Vial contains correct volume
			Y		Labels, greenbars, worksheets
					computer batch: correct & all match
					Anomalies to Extraction Method

_ Expanded Deliverable
_ COC Completed
_ Bench Sheet Copied
_ Package Submitted to AnalyticalGroup
_ Bench Sheet Copied per COC

Extractionist: 007562 Scott Barmby

Concentrationist:

QC BATCH: 6009371

PREP DATE: 1/09/06 8:00
COMP DATE: 1/10/06 15:00

Reviewer/Date: BARMBYS / 1/09/06

Dioxins/Furans, HRGC/HRMS (8290)
LIQ/LIQ, SEP FUNNEL (PAH,P/P,TPH,Dioxin) - Nominal

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
1/13/06	1/09/06	C5L150252-005 **HR66J-1-AE**S	M	09	IN	WATER	**966.37mL** 20.00uL	NA	NA	NA	DCM	300.0		.0	2565-39 DAILY NATIVE 50U 2726-02 DAILY IS 1.0ML
COMMENTS:															
1/13/06	1/09/06	C5L150252-005 **HR66J-1-AF**D	M	09	IN	WATER	**1023.61mL** 20.00uL	NA	NA	NA	DCM	300.0		.0	2565-39 DAILY NATIVE 50U 2726-02 DAILY IS 1.0ML
COMMENTS:															
1/13/06	1/09/06	C5L150252-005 **HR66J-2-AA**		09	IN	WATER	**961.26mL** 20.00uL	NA	NA	NA	DCM	300.0		.0	2726-02 DAILY IS 1.0ML
COMMENTS:															
1/27/06	1/16/06	G5L300272-007 **HT1WM-1-AA**	D	09	IN	WATER	**999.18mL** 20.00uL	NA	NA	NA	DCM	300.0		.0	2726-02 DAILY IS 1.0ML
COMMENTS:															
1/27/06	1/16/06	G5L300272-013 **HT1W0-1-AA**	D	09	IN	WATER	**1021.65mL** 20.00uL	NA	NA	NA	DCM	300.0		.0	2726-02 DAILY IS 1.0ML
COMMENTS:															
1/13/06	0/00/00	G6A090000-371 **HVA2T-1-AA**B		09	IN	WATER	**1000mL** 20.00uL	NA	NA	NA	DCM	300.0		.0	2726-02 DAILY IS 1.0ML
COMMENTS:															
1/13/06	0/00/00	G6A090000-371 **HVA2T-1-A**CC		09	IN	WATER	**1000mL** 20.00uL	NA	NA	NA	DCM	300.0		.0	2565-39 DAILY NATIVE 50U 2726-02 DAILY IS 1.0ML
COMMENTS:															

RQC058

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Run Date: 1/16/06
Time: 19:14:23

QC BATCH: 6009371

PREP DATE: 1/09/06 8:00
COMP DATE: 1/10/06 15:00

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
1/13/06	0/00/00	G6A090000-371 **HVA2T-1-ADL**	R	09	IN	WATER	**1000mL** 20.00uL	NA	NA	NA	DCM	300.0		.0	2565-39 DAILY NATIVE 50U 2726-02 DAILY IS 1.0ML

COMMENTS:

EXTRACTED:010906SDB, S/S:SDB, S/W:JB,
DCM:B38E07

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD

NUMBER OF WORK ORDERS IN BATCH: 8

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

ANALYTICAL DATA REPORT

Report Number: E512E71
Project: 20051057.A10/Gorham

prepared for:

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Received Date: 12/29/2005
Report Date: 3/10/2006

Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246), CT (PH-0465), MA (M-CT008)
ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246)

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E512E71
Client: Fuss & O'Neill
Project: 20051057.A10/Gorham

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory received eight samples from Fuss & O'Neill on 12/29/2005. The samples were analyzed from the following list of analyses:

Cyanide, Total, by 9012 in GW/SW
9012[9012]
PCB's by 8082 in GW/SW
8082[3500]
Semivolatiles by 8270C for GW/SW
8270C[3500]
Trace Priority Pollutant (13) Metals in Soil
6010B[3000], 7471[7471]
Volatiles by 8260B in GW/SW
8260B
Mercury by 7471 in SW
Moisture, Percent
Pesticides by 8081A in GW/SW
8081A[3500]
TPH by 8100M
8100[8100]
Trace Priority Pollutant (13) Metals in Water
6010B[3000], 7470A[245.1]

Variances:

SDG:

None reported.

Method:

None reported.

QA/QC:

Sample 1A, 699051228-06, Pesticides by 8081A: One surrogate spike was outside quality control limits for the sample on the confirmation column , due to matrix interference. Both surrogates were within limits for the primary column.

Sample 1A, 699051228-06, Trace Metals by 6010B: The batch matrix spike/ matrix spike duplicate recoveries for Cr, Cu, and Ni were outside of the established control limits due to matrix interference. The associated LCS recoveries were within the established quality control limits.

Sample 2A, 699051228-07, PCB's by 8082: One surrogate spike was outside quality control limits for the sample on the confirmation column , due to matrix interference. Both surrogates were within limits for the primary column.

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Report No: E512E71
Client: Fuss & O'Neill
Project: 20051057.A10/Gorham

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY (continued)

QA/QC (continued):

Sample 3A, 699051228-08, Semivolatiles by SW-846 8270C: One internal standard was outside quality control limits for the sample due to matrix interference.

Sample 4A, 699051228-09, Semivolatiles by SW-846 8270C: One internal standard was outside quality control limits for the sample due to matrix interference.

Sample 5A, 699051228-10, Semivolatiles by SW-846 8270C: Two internal standard areas were outside quality control limits for the sample due to matrix interference.

Sample 6A, 699051228-11, Semivolatiles by SW-846 8270C: Two internal standard areas were outside quality control limits for the sample due to matrix interference.

Sample 7C, 699051228-12, Pesticides by 8081A: One compound recovery for the matrix spike/ matrix spike duplicate was outside of the established control limits due to matrix interference. The associated LCS recoveries were within the established quality control limits.

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E71
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(1) 699051228-06							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	2.3	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	ND	2.0	mg/kg	01/09/06	11:42	BSZ	
Arsenic	32	2.0	mg/kg	01/09/06	11:42	BSZ	
Barium	69	2.0	mg/kg	01/09/06	11:42	BSZ	
Beryllium	3.5	0.20	mg/kg	01/09/06	11:42	BSZ	
Cadmium	3.2	0.41	mg/kg	01/09/06	11:42	BSZ	
Chromium	59	2.0	mg/kg	01/09/06	11:42	BSZ	
Copper	1500	4.1	mg/kg	01/09/06	11:42	BSZ	2
Lead	140	0.82	mg/kg	01/09/06	11:42	BSZ	
Nickel	810	2.0	mg/kg	01/09/06	11:42	BSZ	
Selenium	ND	2.0	mg/kg	01/09/06	11:42	BSZ	
Silver	24	0.41	mg/kg	01/09/06	11:42	BSZ	
Thallium	ND	1.0	mg/kg	01/09/06	11:42	BSZ	
Zinc	1200	2.0	mg/kg	01/09/06	11:42	BSZ	
Mercury by SW-846 7471 in SW	0.20	0.091	mg/kg	01/04/06		AM	
(2) 699051228-07							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.60	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	ND	0.54	mg/kg	01/09/06	11:47	BSZ	
Arsenic	3.8	0.54	mg/kg	01/09/06	11:47	BSZ	
Barium	19	0.54	mg/kg	01/09/06	11:47	BSZ	
Beryllium	0.075	0.054	mg/kg	01/09/06	11:47	BSZ	
Cadmium	0.14	0.11	mg/kg	01/09/06	11:47	BSZ	
Chromium	4.8	0.54	mg/kg	01/09/06	11:47	BSZ	
Copper	19	0.54	mg/kg	01/09/06	11:47	BSZ	
Lead	23	0.22	mg/kg	01/09/06	11:47	BSZ	
Nickel	10	0.54	mg/kg	01/09/06	11:47	BSZ	
Selenium	ND	0.54	mg/kg	01/09/06	11:47	BSZ	
Silver	2.9	0.11	mg/kg	01/09/06	11:47	BSZ	
Thallium	ND	0.27	mg/kg	01/09/06	11:47	BSZ	
Zinc	34	0.54	mg/kg	01/09/06	11:47	BSZ	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E71
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(2) 699051228-07 (continued)							
Date Collected: 12/28/2005 Matrix: Solid							
Mercury by SW-846 7471 in SW	0.031	0.024	mg/kg	01/04/06		AM	
(3) 699051228-08							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	3.0	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	ND	2.7	mg/kg	01/09/06	11:53	BSZ	
Arsenic	45	2.7	mg/kg	01/09/06	11:53	BSZ	
Barium	250	2.7	mg/kg	01/09/06	11:53	BSZ	
Beryllium	1.4	0.27	mg/kg	01/09/06	11:53	BSZ	
Cadmium	4.1	0.55	mg/kg	01/09/06	11:53	BSZ	
Chromium	100	2.7	mg/kg	01/09/06	11:53	BSZ	
Copper	740	2.7	mg/kg	01/09/06	11:53	BSZ	
Lead	590	1.1	mg/kg	01/09/06	11:53	BSZ	
Nickel	120	2.7	mg/kg	01/09/06	11:53	BSZ	
Selenium	ND	2.7	mg/kg	01/09/06	11:53	BSZ	
Silver	95	0.55	mg/kg	01/09/06	11:53	BSZ	
Thallium	ND	1.4	mg/kg	01/09/06	11:53	BSZ	
Zinc	770	2.7	mg/kg	01/09/06	11:53	BSZ	
Mercury by SW-846 7471 in SW	1.3	0.12	mg/kg	01/04/06		AM	
(4) 699051228-09							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.98	mg/kg	01/06/06		DDD	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E71
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(4) 699051228-09 (continued)							
Date Collected: 12/28/2005 Matrix: Solid							
Trace Metals by 6010B							
Antimony	1.6	0.88	mg/kg	01/09/06	11:58	BSZ	
Arsenic	12	0.88	mg/kg	01/09/06	11:58	BSZ	
Barium	76	0.88	mg/kg	01/09/06	11:58	BSZ	
Beryllium	0.46	0.088	mg/kg	01/09/06	11:58	BSZ	
Cadmium	0.91	0.18	mg/kg	01/09/06	11:58	BSZ	
Chromium	12	0.88	mg/kg	01/09/06	11:58	BSZ	
Copper	180	0.88	mg/kg	01/09/06	11:58	BSZ	
Lead	140	0.35	mg/kg	01/09/06	11:58	BSZ	
Nickel	20	0.88	mg/kg	01/09/06	11:58	BSZ	
Selenium	1.8	0.88	mg/kg	01/09/06	11:58	BSZ	
Silver	15	0.18	mg/kg	01/09/06	11:58	BSZ	
Thallium	ND	0.44	mg/kg	01/09/06	11:58	BSZ	
Zinc	200	0.88	mg/kg	01/09/06	11:58	BSZ	
Mercury by SW-846 7471 in SW	0.087	0.039	mg/kg	01/04/06		AM	
(5) 699051228-10							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	1.3	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	2.7	1.2	mg/kg	01/09/06	12:04	BSZ	
Arsenic	19	1.2	mg/kg	01/09/06	12:04	BSZ	
Barium	190	1.2	mg/kg	01/09/06	12:04	BSZ	
Beryllium	1.1	0.12	mg/kg	01/09/06	12:04	BSZ	
Cadmium	1.8	0.23	mg/kg	01/09/06	12:04	BSZ	
Chromium	71	1.2	mg/kg	01/09/06	12:04	BSZ	
Copper	1200	2.3	mg/kg	01/09/06	12:04	BSZ	2
Lead	340	0.47	mg/kg	01/09/06	12:04	BSZ	
Nickel	48	1.2	mg/kg	01/09/06	12:04	BSZ	
Selenium	3.2	1.2	mg/kg	01/09/06	12:04	BSZ	
Silver	120	0.23	mg/kg	01/09/06	12:04	BSZ	
Thallium	ND	0.58	mg/kg	01/09/06	12:04	BSZ	
Zinc	570	1.2	mg/kg	01/09/06	12:04	BSZ	
Mercury by SW-846 7471 in SW	0.30	0.052	mg/kg	01/04/06		AM	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E71
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(6) 699051228-11							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.0099	mg/kg	01/06/06	13:29	DDD	
Trace Metals by 6010B							
Antimony	1.5	0.89	mg/kg	01/09/06	12:09	BSZ	
Arsenic	14	0.89	mg/kg	01/09/06	12:09	BSZ	
Barium	130	0.89	mg/kg	01/09/06	12:09	BSZ	
Beryllium	0.71	0.089	mg/kg	01/09/06	12:09	BSZ	
Cadmium	1.2	0.18	mg/kg	01/09/06	12:09	BSZ	
Chromium	52	0.89	mg/kg	01/09/06	12:09	BSZ	
Copper	830	1.8	mg/kg	01/09/06	12:09	BSZ	2
Lead	250	0.36	mg/kg	01/09/06	12:09	BSZ	
Nickel	32	0.89	mg/kg	01/09/06	12:09	BSZ	
Selenium	3.3	0.89	mg/kg	01/09/06	12:09	BSZ	
Silver	120	0.18	mg/kg	01/09/06	12:09	BSZ	
Thallium	ND	0.44	mg/kg	01/09/06	12:09	BSZ	
Zinc	410	0.89	mg/kg	01/09/06	12:09	BSZ	
Mercury by SW-846 7471 in SW	0.20	0.040	mg/kg	01/04/06		AM	
(7) 699051228-12							
Date Collected: 12/28/2005 Matrix: Aqueous							
Cyanide, Total, by SW-846 9012	ND	0.010	mg/L	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	ND	0.010	mg/L	01/09/06		BSZ	
Arsenic	ND	0.010	mg/L	01/09/06		BSZ	
Barium	ND	0.010	mg/L	01/09/06		BSZ	
Beryllium	ND	0.0010	mg/L	01/09/06		BSZ	
Cadmium	ND	0.0020	mg/L	01/09/06		BSZ	
Chromium	ND	0.010	mg/L	01/09/06		BSZ	
Copper	0.011	0.010	mg/L	01/09/06		BSZ	
Lead	ND	0.0040	mg/L	01/09/06		BSZ	
Nickel	ND	0.010	mg/L	01/09/06		BSZ	
Selenium	ND	0.010	mg/L	01/09/06		BSZ	
Silver	ND	0.0020	mg/L	01/09/06		BSZ	
Thallium	ND	0.0050	mg/L	01/09/06		BSZ	
Zinc	0.018	0.010	mg/L	01/09/06		BSZ	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E71
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed	By	Dilution
(7) 699051228-12 (continued)						
Date Collected: 12/28/2005 Matrix: Aqueous						
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	01/03/06	AM	

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/03/06 By: GP
Method: 8260B
QC Batch#: 42103
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: M26975.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	4600
107-13-1	Acrylonitrile	ND	5700
71-43-2	Benzene	ND	1100
108-86-1	Bromobenzene	ND	1100
74-97-5	Bromochloromethane	ND	1100
75-27-4	Bromodichloromethane	ND	1100
75-25-2	Bromoform	ND	1100
74-83-9	Bromomethane	ND	2300
78-93-3	2-Butanone (MEK)	ND	2300
104-51-8	n-Butylbenzene	ND	1100
135-98-8	sec-Butylbenzene	ND	1100
98-06-6	tert-Butylbenzene	ND	1100
75-15-0	Carbon disulfide	ND	1100
56-23-5	Carbon tetrachloride	ND	1100
108-90-7	Chlorobenzene	ND	1100
75-00-3	Chloroethane	ND	2300
67-66-3	Chloroform	ND	1100
74-87-3	Chloromethane	ND	2300
95-49-8	2-Chlorotoluene	ND	1100
106-43-4	4-Chlorotoluene	ND	1100
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	1100
124-48-1	Dibromochloromethane	ND	1100
106-93-4	1,2-Dibromoethane (EDB)	ND	1100
74-95-3	Dibromomethane	ND	1100
95-50-1	1,2-Dichlorobenzene	ND	1100
541-73-1	1,3-Dichlorobenzene	ND	1100
106-46-7	1,4-Dichlorobenzene	ND	1100
75-71-8	Dichlorodifluoromethane	ND	2300
75-34-3	1,1-Dichloroethane	ND	1100
107-06-2	1,2-Dichloroethane	ND	1100
75-35-4	1,1-Dichloroethene	ND	1100
156-59-2	cis-1,2-Dichloroethene	ND	1100
156-60-5	trans-1,2-Dichloroethene	ND	1100
78-87-5	1,2-Dichloropropane	ND	1100
142-28-9	1,3-Dichloropropane	ND	1100
590-20-7	2,2-Dichloropropane	ND	1100
563-58-6	1,1-Dichloropropene	ND	1100
10061-01-5	cis-1,3-Dichloropropene	ND	1100
10061-02-6	trans-1,3-Dichloropropene	ND	1100
100-41-4	Ethylbenzene	ND	1100
87-68-3	Hexachlorobutadiene	ND	1100

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/03/06 By: GP
Method: 8260B
QC Batch#: 42103
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: M26975.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	2300
98-82-8	Isopropylbenzene	ND	1100
99-87-6	4-Isopropyltoluene	ND	1100
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1100
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2300
75-09-2	Methylene chloride	ND	1100
91-20-3	Naphthalene	ND	1100
103-65-1	n-Propylbenzene	ND	1100
100-42-5	Styrene	ND	1100
96-18-4	1,2,3-Trichloropropane	ND	1100
630-20-6	1,1,1,2-Tetrachloroethane	ND	1100
79-34-5	1,1,2,2-Tetrachloroethane	ND	1100
127-18-4	Tetrachloroethene (PCE)	ND	1100
108-88-3	Toluene	ND	1100
87-61-6	1,2,3-Trichlorobenzene	ND	1100
120-82-1	1,2,4-Trichlorobenzene	ND	1100
71-55-6	1,1,1-Trichloroethane	1300	1100
79-00-5	1,1,2-Trichloroethane	ND	1100
79-01-6	Trichloroethene (TCE)	5600	1100
75-69-4	Trichlorofluoromethane	ND	2300
95-63-6	1,2,4-Trimethylbenzene	ND	1100
108-67-8	1,3,5-Trimethylbenzene	ND	1100
75-01-4	Vinyl chloride	ND	2300
95-47-6	o-Xylene	ND	1100
	m,p-Xylenes	ND	1100

Surrogate	Recovery	Limits
Bromofluorobenzene	97%	78%-111%
Dibromofluoromethane	96%	86%-110%
1,2-Dichloroethane-d4	89%	85%-111%
Toluene-d8	103%	91%-110%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/03/06 By: GP
Method: 8260B
QC Batch#: 42101
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume:
Dilution Factor: 2
Soil Extract Volume:
Lab Data File: F27661.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	48
107-13-1	Acrylonitrile	ND	60
71-43-2	Benzene	ND	12
108-86-1	Bromobenzene	ND	12
74-97-5	Bromochloromethane	ND	12
75-27-4	Bromodichloromethane	ND	12
75-25-2	Bromoform	ND	12
74-83-9	Bromomethane	ND	24
78-93-3	2-Butanone (MEK)	ND	24
104-51-8	n-Butylbenzene	ND	12
135-98-8	sec-Butylbenzene	ND	12
98-06-6	tert-Butylbenzene	ND	12
75-15-0	Carbon disulfide	ND	12
56-23-5	Carbon tetrachloride	ND	12
108-90-7	Chlorobenzene	ND	12
75-00-3	Chloroethane	ND	24
67-66-3	Chloroform	ND	12
74-87-3	Chloromethane	ND	24
95-49-8	2-Chlorotoluene	ND	12
106-43-4	4-Chlorotoluene	ND	12
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	12
124-48-1	Dibromochloromethane	ND	12
106-93-4	1,2-Dibromoethane (EDB)	ND	12
74-95-3	Dibromomethane	ND	12
95-50-1	1,2-Dichlorobenzene	ND	12
541-73-1	1,3-Dichlorobenzene	ND	12
106-46-7	1,4-Dichlorobenzene	ND	12
75-71-8	Dichlorodifluoromethane	ND	24
75-34-3	1,1-Dichloroethane	ND	12
107-06-2	1,2-Dichloroethane	ND	12
75-35-4	1,1-Dichloroethene	14	12
156-59-2	cis-1,2-Dichloroethene	16	12
156-60-5	trans-1,2-Dichloroethene	ND	12
78-87-5	1,2-Dichloropropane	ND	12
142-28-9	1,3-Dichloropropane	ND	12
590-20-7	2,2-Dichloropropane	ND	12
563-58-6	1,1-Dichloropropene	ND	12
10061-01-5	cis-1,3-Dichloropropene	ND	12
10061-02-6	trans-1,3-Dichloropropene	ND	12
100-41-4	Ethylbenzene	ND	12
87-68-3	Hexachlorobutadiene	ND	12

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/03/06 By: GP
Method: 8260B
QC Batch#: 42101
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume:
Dilution Factor: 2
Soil Extract Volume:
Lab Data File: F27661.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	24
98-82-8	Isopropylbenzene	ND	12
99-87-6	4-Isopropyltoluene	ND	12
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	12
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	24
75-09-2	Methylene chloride	ND	12
91-20-3	Naphthalene	ND	12
103-65-1	n-Propylbenzene	ND	12
100-42-5	Styrene	ND	12
96-18-4	1,2,3-Trichloropropane	ND	12
630-20-6	1,1,1,2-Tetrachloroethane	ND	12
79-34-5	1,1,2,2-Tetrachloroethane	ND	12
127-18-4	Tetrachloroethene (PCE)	ND	12
108-88-3	Toluene	ND	12
87-61-6	1,2,3-Trichlorobenzene	ND	12
120-82-1	1,2,4-Trichlorobenzene	ND	12
71-55-6	1,1,1-Trichloroethane	300	12
79-00-5	1,1,2-Trichloroethane	ND	12
79-01-6	Trichloroethene (TCE)	210	12
75-69-4	Trichlorofluoromethane	ND	24
95-63-6	1,2,4-Trimethylbenzene	ND	12
108-67-8	1,3,5-Trimethylbenzene	ND	12
75-01-4	Vinyl chloride	ND	24
95-47-6	o-Xylene	ND	12
	m,p-Xylenes	ND	12

Surrogate	Recovery	Limits
Bromofluorobenzene	89%	78%-111%
Dibromofluoromethane	98%	86%-110%
1,2-Dichloroethane-d4	90%	85%-111%
Toluene-d8	99%	91%-110%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/03/06 By: GP
Method: 8260B
QC Batch#: 42101
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume:
Dilution Factor: 5
Soil Extract Volume:
Lab Data File: F27662.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	870	610
107-13-1	Acrylonitrile	ND	760
71-43-2	Benzene	ND	150
108-86-1	Bromobenzene	ND	150
74-97-5	Bromochloromethane	ND	150
75-27-4	Bromodichloromethane	ND	150
75-25-2	Bromoform	ND	150
74-83-9	Bromomethane	ND	300
78-93-3	2-Butanone (MEK)	ND	300
104-51-8	n-Butylbenzene	ND	150
135-98-8	sec-Butylbenzene	ND	150
98-06-6	tert-Butylbenzene	ND	150
75-15-0	Carbon disulfide	ND	150
56-23-5	Carbon tetrachloride	ND	150
108-90-7	Chlorobenzene	ND	150
75-00-3	Chloroethane	ND	300
67-66-3	Chloroform	ND	150
74-87-3	Chloromethane	ND	300
95-49-8	2-Chlorotoluene	ND	150
106-43-4	4-Chlorotoluene	ND	150
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	150
124-48-1	Dibromochloromethane	ND	150
106-93-4	1,2-Dibromoethane (EDB)	ND	150
74-95-3	Dibromomethane	ND	150
95-50-1	1,2-Dichlorobenzene	ND	150
541-73-1	1,3-Dichlorobenzene	ND	150
106-46-7	1,4-Dichlorobenzene	ND	150
75-71-8	Dichlorodifluoromethane	ND	300
75-34-3	1,1-Dichloroethane	1400	150
107-06-2	1,2-Dichloroethane	ND	150
75-35-4	1,1-Dichloroethene	ND	150
156-59-2	cis-1,2-Dichloroethene	420	150
156-60-5	trans-1,2-Dichloroethene	ND	150
78-87-5	1,2-Dichloropropane	ND	150
142-28-9	1,3-Dichloropropane	ND	150
590-20-7	2,2-Dichloropropane	ND	150
563-58-6	1,1-Dichloropropene	ND	150
10061-01-5	cis-1,3-Dichloropropene	ND	150
10061-02-6	trans-1,3-Dichloropropene	ND	150
100-41-4	Ethylbenzene	ND	150
87-68-3	Hexachlorobutadiene	ND	150

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/03/06 By: GP
Method: 8260B
QC Batch#: 42101
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume:
Dilution Factor: 5
Soil Extract Volume:
Lab Data File: F27662.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	300
98-82-8	Isopropylbenzene	ND	150
99-87-6	4-Isopropyltoluene	ND	150
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	150
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	300
75-09-2	Methylene chloride	ND	150
91-20-3	Naphthalene	ND	150
103-65-1	n-Propylbenzene	ND	150
100-42-5	Styrene	ND	150
96-18-4	1,2,3-Trichloropropane	ND	150
630-20-6	1,1,1,2-Tetrachloroethane	ND	150
79-34-5	1,1,2,2-Tetrachloroethane	ND	150
127-18-4	Tetrachloroethene (PCE)	ND	150
108-88-3	Toluene	ND	150
87-61-6	1,2,3-Trichlorobenzene	ND	150
120-82-1	1,2,4-Trichlorobenzene	ND	150
71-55-6	1,1,1-Trichloroethane	ND	150
79-00-5	1,1,2-Trichloroethane	ND	150
79-01-6	Trichloroethene (TCE)	ND	150
75-69-4	Trichlorofluoromethane	ND	300
95-63-6	1,2,4-Trimethylbenzene	ND	150
108-67-8	1,3,5-Trimethylbenzene	ND	150
75-01-4	Vinyl chloride	5000	300
95-47-6	o-Xylene	ND	150
	m,p-Xylenes	ND	150

Surrogate	Recovery	Limits
Bromofluorobenzene	89%	78%-111%
Dibromofluoromethane	102%	86%-110%
1,2-Dichloroethane-d4	93%	85%-111%
Toluene-d8	104%	91%-110%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/11/06 By: GP
Method: 8260B
QC Batch#: 42278
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: F27726.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	39
107-13-1	Acrylonitrile	ND	49
71-43-2	Benzene	ND	9.8
108-86-1	Bromobenzene	ND	9.8
74-97-5	Bromochloromethane	ND	9.8
75-27-4	Bromodichloromethane	ND	9.8
75-25-2	Bromoform	ND	9.8
74-83-9	Bromomethane	ND	20
78-93-3	2-Butanone (MEK)	ND	20
104-51-8	n-Butylbenzene	ND	9.8
135-98-8	sec-Butylbenzene	ND	9.8
98-06-6	tert-Butylbenzene	ND	9.8
75-15-0	Carbon disulfide	ND	9.8
56-23-5	Carbon tetrachloride	ND	9.8
108-90-7	Chlorobenzene	ND	9.8
75-00-3	Chloroethane	ND	20
67-66-3	Chloroform	ND	9.8
74-87-3	Chloromethane	ND	20
95-49-8	2-Chlorotoluene	ND	9.8
106-43-4	4-Chlorotoluene	ND	9.8
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	9.8
124-48-1	Dibromochloromethane	ND	9.8
106-93-4	1,2-Dibromoethane (EDB)	ND	9.8
74-95-3	Dibromomethane	ND	9.8
95-50-1	1,2-Dichlorobenzene	ND	9.8
541-73-1	1,3-Dichlorobenzene	ND	9.8
106-46-7	1,4-Dichlorobenzene	ND	9.8
75-71-8	Dichlorodifluoromethane	ND	20
75-34-3	1,1-Dichloroethane	ND	9.8
107-06-2	1,2-Dichloroethane	ND	9.8
75-35-4	1,1-Dichloroethene	ND	9.8
156-59-2	cis-1,2-Dichloroethene	ND	9.8
156-60-5	trans-1,2-Dichloroethene	ND	9.8
78-87-5	1,2-Dichloropropane	ND	9.8
142-28-9	1,3-Dichloropropane	ND	9.8
590-20-7	2,2-Dichloropropane	ND	9.8
563-58-6	1,1-Dichloropropene	ND	9.8
10061-01-5	cis-1,3-Dichloropropene	ND	9.8
10061-02-6	trans-1,3-Dichloropropene	ND	9.8
100-41-4	Ethylbenzene	ND	9.8
87-68-3	Hexachlorobutadiene	ND	9.8

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/11/06 By: GP
Method: 8260B
QC Batch#: 42278
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: F27726.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	20
98-82-8	Isopropylbenzene	ND	9.8
99-87-6	4-Isopropyltoluene	ND	9.8
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	9.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	20
75-09-2	Methylene chloride	ND	9.8
91-20-3	Naphthalene	ND	9.8
103-65-1	n-Propylbenzene	ND	9.8
100-42-5	Styrene	ND	9.8
96-18-4	1,2,3-Trichloropropane	ND	9.8
630-20-6	1,1,1,2-Tetrachloroethane	ND	9.8
79-34-5	1,1,2,2-Tetrachloroethane	ND	9.8
127-18-4	Tetrachloroethene (PCE)	ND	9.8
108-88-3	Toluene	ND	9.8
87-61-6	1,2,3-Trichlorobenzene	ND	9.8
120-82-1	1,2,4-Trichlorobenzene	ND	9.8
71-55-6	1,1,1-Trichloroethane	ND	9.8
79-00-5	1,1,2-Trichloroethane	ND	9.8
79-01-6	Trichloroethene (TCE)	ND	9.8
75-69-4	Trichlorofluoromethane	ND	20
95-63-6	1,2,4-Trimethylbenzene	ND	9.8
108-67-8	1,3,5-Trimethylbenzene	ND	9.8
75-01-4	Vinyl chloride	ND	20
95-47-6	o-Xylene	ND	9.8
	m,p-Xylenes	ND	9.8

Surrogate	Recovery	Limits
Bromofluorobenzene	89%	78%-111%
Dibromofluoromethane	98%	86%-110%
1,2-Dichloroethane-d4	96%	85%-111%
Toluene-d8	107%	91%-110%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/11/06 By: GP
Method: 8260B
QC Batch#: 42278
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: F27727.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	52
107-13-1	Acrylonitrile	ND	65
71-43-2	Benzene	ND	13
108-86-1	Bromobenzene	ND	13
74-97-5	Bromochloromethane	ND	13
75-27-4	Bromodichloromethane	ND	13
75-25-2	Bromoform	ND	13
74-83-9	Bromomethane	ND	26
78-93-3	2-Butanone (MEK)	ND	26
104-51-8	n-Butylbenzene	ND	13
135-98-8	sec-Butylbenzene	ND	13
98-06-6	tert-Butylbenzene	ND	13
75-15-0	Carbon disulfide	ND	13
56-23-5	Carbon tetrachloride	ND	13
108-90-7	Chlorobenzene	ND	13
75-00-3	Chloroethane	ND	26
67-66-3	Chloroform	ND	13
74-87-3	Chloromethane	ND	26
95-49-8	2-Chlorotoluene	ND	13
106-43-4	4-Chlorotoluene	ND	13
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	13
124-48-1	Dibromochloromethane	ND	13
106-93-4	1,2-Dibromoethane (EDB)	ND	13
74-95-3	Dibromomethane	ND	13
95-50-1	1,2-Dichlorobenzene	ND	13
541-73-1	1,3-Dichlorobenzene	ND	13
106-46-7	1,4-Dichlorobenzene	ND	13
75-71-8	Dichlorodifluoromethane	ND	26
75-34-3	1,1-Dichloroethane	ND	13
107-06-2	1,2-Dichloroethane	ND	13
75-35-4	1,1-Dichloroethene	ND	13
156-59-2	cis-1,2-Dichloroethene	ND	13
156-60-5	trans-1,2-Dichloroethene	ND	13
78-87-5	1,2-Dichloropropane	ND	13
142-28-9	1,3-Dichloropropane	ND	13
590-20-7	2,2-Dichloropropane	ND	13
563-58-6	1,1-Dichloropropene	ND	13
10061-01-5	cis-1,3-Dichloropropene	ND	13
10061-02-6	trans-1,3-Dichloropropene	ND	13
100-41-4	Ethylbenzene	ND	13
87-68-3	Hexachlorobutadiene	ND	13

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/11/06 By: GP
Method: 8260B
QC Batch#: 42278
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: F27727.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	26
98-82-8	Isopropylbenzene	ND	13
99-87-6	4-Isopropyltoluene	ND	13
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	13
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	26
75-09-2	Methylene chloride	ND	13
91-20-3	Naphthalene	ND	13
103-65-1	n-Propylbenzene	ND	13
100-42-5	Styrene	ND	13
96-18-4	1,2,3-Trichloropropane	ND	13
630-20-6	1,1,1,2-Tetrachloroethane	ND	13
79-34-5	1,1,2,2-Tetrachloroethane	ND	13
127-18-4	Tetrachloroethene (PCE)	ND	13
108-88-3	Toluene	ND	13
87-61-6	1,2,3-Trichlorobenzene	ND	13
120-82-1	1,2,4-Trichlorobenzene	ND	13
71-55-6	1,1,1-Trichloroethane	ND	13
79-00-5	1,1,2-Trichloroethane	ND	13
79-01-6	Trichloroethene (TCE)	ND	13
75-69-4	Trichlorofluoromethane	ND	26
95-63-6	1,2,4-Trimethylbenzene	ND	13
108-67-8	1,3,5-Trimethylbenzene	ND	13
75-01-4	Vinyl chloride	ND	26
95-47-6	o-Xylene	ND	13
	m,p-Xylenes	ND	13

Surrogate	Recovery	Limits
Bromofluorobenzene	90%	78%-111%
Dibromofluoromethane	99%	86%-110%
1,2-Dichloroethane-d4	95%	85%-111%
Toluene-d8	106%	91%-110%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/11/06 By: GP
Method: 8260B
QC Batch#: 42278
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: F27728.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	42
107-13-1	Acrylonitrile	ND	49
71-43-2	Benzene	ND	9.9
108-86-1	Bromobenzene	ND	9.9
74-97-5	Bromochloromethane	ND	9.9
75-27-4	Bromodichloromethane	ND	9.9
75-25-2	Bromoform	ND	9.9
74-83-9	Bromomethane	ND	20
78-93-3	2-Butanone (MEK)	ND	20
104-51-8	n-Butylbenzene	ND	9.9
135-98-8	sec-Butylbenzene	ND	9.9
98-06-6	tert-Butylbenzene	ND	9.9
75-15-0	Carbon disulfide	ND	9.9
56-23-5	Carbon tetrachloride	ND	9.9
108-90-7	Chlorobenzene	ND	9.9
75-00-3	Chloroethane	ND	20
67-66-3	Chloroform	ND	9.9
74-87-3	Chloromethane	ND	20
95-49-8	2-Chlorotoluene	ND	9.9
106-43-4	4-Chlorotoluene	ND	9.9
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	9.9
124-48-1	Dibromochloromethane	ND	9.9
106-93-4	1,2-Dibromoethane (EDB)	ND	9.9
74-95-3	Dibromomethane	ND	9.9
95-50-1	1,2-Dichlorobenzene	ND	9.9
541-73-1	1,3-Dichlorobenzene	ND	9.9
106-46-7	1,4-Dichlorobenzene	ND	9.9
75-71-8	Dichlorodifluoromethane	ND	20
75-34-3	1,1-Dichloroethane	ND	9.9
107-06-2	1,2-Dichloroethane	ND	9.9
75-35-4	1,1-Dichloroethene	ND	9.9
156-59-2	cis-1,2-Dichloroethene	ND	9.9
156-60-5	trans-1,2-Dichloroethene	ND	9.9
78-87-5	1,2-Dichloropropane	ND	9.9
142-28-9	1,3-Dichloropropane	ND	9.9
590-20-7	2,2-Dichloropropane	ND	9.9
563-58-6	1,1-Dichloropropene	ND	9.9
10061-01-5	cis-1,3-Dichloropropene	ND	9.9
10061-02-6	trans-1,3-Dichloropropene	ND	9.9
100-41-4	Ethylbenzene	ND	9.9
87-68-3	Hexachlorobutadiene	ND	9.9

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 01/11/06 By: GP
Method: 8260B
QC Batch#: 42278
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: F27728.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	20
98-82-8	Isopropylbenzene	ND	9.9
99-87-6	4-Isopropyltoluene	ND	9.9
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	9.9
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	20
75-09-2	Methylene chloride	ND	9.9
91-20-3	Naphthalene	ND	9.9
103-65-1	n-Propylbenzene	ND	9.9
100-42-5	Styrene	ND	9.9
96-18-4	1,2,3-Trichloropropane	ND	9.9
630-20-6	1,1,1,2-Tetrachloroethane	ND	9.9
79-34-5	1,1,2,2-Tetrachloroethane	ND	9.9
127-18-4	Tetrachloroethene (PCE)	ND	9.9
108-88-3	Toluene	ND	9.9
87-61-6	1,2,3-Trichlorobenzene	ND	9.9
120-82-1	1,2,4-Trichlorobenzene	ND	9.9
71-55-6	1,1,1-Trichloroethane	ND	9.9
79-00-5	1,1,2-Trichloroethane	ND	9.9
79-01-6	Trichloroethene (TCE)	ND	9.9
75-69-4	Trichlorofluoromethane	ND	20
95-63-6	1,2,4-Trimethylbenzene	ND	9.9
108-67-8	1,3,5-Trimethylbenzene	ND	9.9
75-01-4	Vinyl chloride	ND	20
95-47-6	o-Xylene	ND	9.9
	m,p-Xylenes	ND	9.9

Surrogate	Recovery	Limits
Bromofluorobenzene	94%	78%-111%
Dibromofluoromethane	98%	86%-110%
1,2-Dichloroethane-d4	94%	85%-111%
Toluene-d8	102%	91%-110%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 12/30/05 By: GP
Method: 8260B
QC Batch#: 42056
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M26953.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	20
107-13-1	Acrylonitrile	ND	25
71-43-2	Benzene	ND	5.0
108-86-1	Bromobenzene	ND	5.0
74-97-5	Bromochloromethane	ND	5.0
75-27-4	Bromodichloromethane	ND	5.0
75-25-2	Bromoform	ND	5.0
74-83-9	Bromomethane	ND	5.0
78-93-3	2-Butanone (MEK)	ND	10
104-51-8	n-Butylbenzene	ND	5.0
135-98-8	sec-Butylbenzene	ND	5.0
98-06-6	tert-Butylbenzene	ND	5.0
75-15-0	Carbon disulfide	ND	5.0
56-23-5	Carbon tetrachloride	ND	5.0
108-90-7	Chlorobenzene	ND	5.0
75-00-3	Chloroethane	ND	5.0
67-66-3	Chloroform	ND	5.0
74-87-3	Chloromethane	ND	5.0
95-49-8	2-Chlorotoluene	ND	5.0
106-43-4	4-Chlorotoluene	ND	5.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	5.0
74-95-3	Dibromomethane	ND	5.0
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
75-71-8	Dichlorodifluoromethane	ND	5.0
75-34-3	1,1-Dichloroethane	ND	5.0
107-06-2	1,2-Dichloroethane	ND	5.0
75-35-4	1,1-Dichloroethene	ND	5.0
156-59-2	cis-1,2-Dichloroethene	ND	5.0
156-60-5	trans-1,2-Dichloroethene	ND	5.0
78-87-5	1,2-Dichloropropane	ND	5.0
142-28-9	1,3-Dichloropropane	ND	5.0
590-20-7	2,2-Dichloropropane	ND	5.0
563-58-6	1,1-Dichloropropene	ND	5.0
10061-01-5	cis-1,3-Dichloropropene	ND	5.0
10061-02-6	trans-1,3-Dichloropropene	ND	5.0
100-41-4	Ethylbenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	5.0

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 12/30/05 By: GP
Method: 8260B
QC Batch#: 42056
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M26953.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	10
98-82-8	Isopropylbenzene	ND	5.0
99-87-6	4-Isopropyltoluene	ND	5.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	5.0
103-65-1	n-Propylbenzene	ND	5.0
100-42-5	Styrene	ND	5.0
96-18-4	1,2,3-Trichloropropane	ND	5.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	ND	5.0
108-88-3	Toluene	ND	5.0
87-61-6	1,2,3-Trichlorobenzene	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0
71-55-6	1,1,1-Trichloroethane	ND	5.0
79-00-5	1,1,2-Trichloroethane	ND	5.0
79-01-6	Trichloroethene (TCE)	ND	5.0
75-69-4	Trichlorofluoromethane	ND	5.0
95-63-6	1,2,4-Trimethylbenzene	ND	5.0
108-67-8	1,3,5-Trimethylbenzene	ND	5.0
75-01-4	Vinyl chloride	ND	5.0
95-47-6	o-Xylene	ND	5.0
	m,p-Xylenes	ND	5.0

Surrogate	Recovery	Limits
Bromofluorobenzene	97%	87%-109%
Dibromofluoromethane	100%	89%-111%
1,2-Dichloroethane-d4	93%	86%-118%
Toluene-d8	98%	90%-108%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 8

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 12/30/05 By: GP
Method: 8260B
QC Batch#: 42056
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-14

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M26952.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	20
107-13-1	Acrylonitrile	ND	25
71-43-2	Benzene	ND	5.0
108-86-1	Bromobenzene	ND	5.0
74-97-5	Bromochloromethane	ND	5.0
75-27-4	Bromodichloromethane	ND	5.0
75-25-2	Bromoform	ND	5.0
74-83-9	Bromomethane	ND	5.0
78-93-3	2-Butanone (MEK)	ND	10
104-51-8	n-Butylbenzene	ND	5.0
135-98-8	sec-Butylbenzene	ND	5.0
98-06-6	tert-Butylbenzene	ND	5.0
75-15-0	Carbon disulfide	ND	5.0
56-23-5	Carbon tetrachloride	ND	5.0
108-90-7	Chlorobenzene	ND	5.0
75-00-3	Chloroethane	ND	5.0
67-66-3	Chloroform	ND	5.0
74-87-3	Chloromethane	ND	5.0
95-49-8	2-Chlorotoluene	ND	5.0
106-43-4	4-Chlorotoluene	ND	5.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	5.0
74-95-3	Dibromomethane	ND	5.0
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
75-71-8	Dichlorodifluoromethane	ND	5.0
75-34-3	1,1-Dichloroethane	ND	5.0
107-06-2	1,2-Dichloroethane	ND	5.0
75-35-4	1,1-Dichloroethene	ND	5.0
156-59-2	cis-1,2-Dichloroethene	ND	5.0
156-60-5	trans-1,2-Dichloroethene	ND	5.0
78-87-5	1,2-Dichloropropane	ND	5.0
142-28-9	1,3-Dichloropropane	ND	5.0
590-20-7	2,2-Dichloropropane	ND	5.0
563-58-6	1,1-Dichloropropene	ND	5.0
10061-01-5	cis-1,3-Dichloropropene	ND	5.0
10061-02-6	trans-1,3-Dichloropropene	ND	5.0
100-41-4	Ethylbenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	5.0

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 8 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: By:
Date Analyzed: 12/30/05 By: GP
Method: 8260B
QC Batch#: 42056
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-14

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M26952.D

CAS No.	Parameter	Result	DL
591-78-6	2-Hexanone	ND	10
98-82-8	Isopropylbenzene	ND	5.0
99-87-6	4-Isopropyltoluene	ND	5.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	5.0
103-65-1	n-Propylbenzene	ND	5.0
100-42-5	Styrene	ND	5.0
96-18-4	1,2,3-Trichloropropane	ND	5.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	ND	5.0
108-88-3	Toluene	ND	5.0
87-61-6	1,2,3-Trichlorobenzene	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0
71-55-6	1,1,1-Trichloroethane	ND	5.0
79-00-5	1,1,2-Trichloroethane	ND	5.0
79-01-6	Trichloroethene (TCE)	ND	5.0
75-69-4	Trichlorofluoromethane	ND	5.0
95-63-6	1,2,4-Trimethylbenzene	ND	5.0
108-67-8	1,3,5-Trimethylbenzene	ND	5.0
75-01-4	Vinyl chloride	ND	5.0
95-47-6	o-Xylene	ND	5.0
	m,p-Xylenes	ND	5.0

Surrogate	Recovery	Limits
Bromofluorobenzene	97%	87%-109%
Dibromofluoromethane	99%	89%-111%
1,2-Dichloroethane-d4	93%	86%-118%
Toluene-d8	98%	90%-108%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/04/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume: 30.13 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010402F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	30
11104-28-2	Aroclor 1221	ND	30
11141-16-5	Aroclor 1232	ND	30
53469-21-9	Aroclor 1242	ND	30
12672-29-6	Aroclor 1248	ND	30
11097-69-1	Aroclor 1254	ND	30
11096-82-5	Aroclor 1260	ND	30

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	41%	17%-129%
Decachlorobiphenyl	23%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume: 30.13 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010610F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	3.0
319-84-6	alpha-BHC	ND	3.0
319-85-7	beta-BHC	ND	3.0
319-86-8	delta-BHC	ND	3.0
59-89-9	gamma-BHC (Lindane)	ND	3.0
5103-71-9	alpha-Chlordane	ND	3.0
5103-74-2	gamma-Chlordane	ND	3.0
72-54-8	4,4'-DDD	ND	3.0
72-55-9	4,4'-DDE	ND	3.0
50-29-3	4,4'-DDT	ND	3.0
60-57-1	Dieldrin	ND	3.0
33213-65-9	Endosulfan II	ND	3.0
7421-93-4	Endrin aldehyde	ND	3.0
959-98-8	Endosulfan I	ND	3.0
1031-07-8	Endosulfan sulfate	ND	3.0
72-20-8	Endrin	ND	3.0
53494-70-5	Endrin ketone	ND	3.0
76-44-8	Heptachlor	ND	3.0
1024-57-3	Heptachlor epoxide	ND	3.0
72-43-5	Methoxychlor	ND	3.0
8001-35-2	Toxaphene	ND	150

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	11%	10%-135%
Decachlorobiphenyl	11%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/03/06 By: TW
Method: 8100
QC Batch#: 42127
Units: mg/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume: 10.71 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: 6010310.D

Result	DL
Sample chromatogram shows a petroleum hydrocarbon pattern in the C16 to C36 alkane range. The total petroleum hydrocarbon concentration was determined utilizing a motor oil petroleum hydrocarbon standard, which most closely matches the petroleum hydrocarbon pattern for the submitted sample. The total petroleum hydrocarbon concentration is determined to be 740.	43

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume: 30.7 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15272.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	740
83-32-9	Acenaphthene	ND	30
208-96-8	Acenaphthylene	ND	30
62-53-3	Aniline	ND	1500
120-12-7	Anthracene	40	30
56-55-3	Benzo[a]anthracene	160	30
50-32-8	Benzo[a]pyrene	150	30
205-99-2	Benzo[b]fluoranthene	250	30
191-24-2	Benzo[g,h,i]perylene	88	30
207-08-9	Benzo[k]fluoranthene	110	30
65-85-0	Benzoic acid	ND	3700
100-51-6	Benzyl alcohol	ND	1500
85-68-7	Benzyl butyl phthalate	ND	740
111-91-1	Bis(2-chloroethoxy)methane	ND	740
111-44-4	Bis(2-chloroethyl)ether	ND	740
108-60-1	Bis(2-chloroisopropyl)ether	ND	1500
117-81-7	Bis(2-ethylhexyl)phthalate	ND	740
101-55-3	4-Bromophenyl phenyl ether	ND	740
59-50-7	4-Chloro-3-methylphenol	ND	740
106-47-8	4-Chloroaniline	ND	1500
91-58-7	2-Chloronaphthalene	ND	740
95-57-8	2-Chlorophenol	ND	740
7005-72-3	4-Chlorophenyl phenyl ether	ND	740
218-01-9	Chrysene	240	30
53-70-3	Dibenz[a,h]anthracene	ND	30
84-74-2	Di-n-butyl phthalate	ND	740
117-84-0	Di-n-octyl phthalate	ND	740
132-64-9	Dibenzofuran	ND	1500
95-50-1	1,2-Dichlorobenzene	ND	740
541-73-1	1,3-Dichlorobenzene	ND	740
106-46-7	1,4-Dichlorobenzene	ND	740
91-94-1	3,3-Dichlorobenzidine	ND	740
120-83-2	2,4-Dichlorophenol	ND	740
84-66-2	Diethyl phthalate	ND	740
131-11-3	Dimethyl phthalate	ND	740
105-67-9	2,4-Dimethylphenol	ND	740
51-28-5	2,4-Dinitrophenol	ND	740
121-14-2	2,4-Dinitrotoluene	ND	740
606-20-2	2,6-Dinitrotoluene	ND	740
206-44-0	Fluoranthene	450	30
86-73-7	Fluorene	36	30

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 1 (continued)

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-06

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Matrix: Solid
Percent Moisture: 78.1
Sample Weight/Volume: 30.7 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15272.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	740
87-68-3	Hexachlorobutadiene	ND	740
77-47-4	Hexachlorocyclopentadiene	ND	740
67-72-1	Hexachloroethane	ND	740
193-39-5	Indeno[1,2,3-cd]pyrene	ND	30
78-59-1	Isophorone	ND	740
534-52-1	2-Methyl-4,6-dinitrophenol	ND	740
91-57-6	2-Methylnaphthalene	ND	740
95-48-7	2-Methylphenol	ND	740
	3- & 4-Methylphenols	ND	740
91-20-3	Naphthalene	ND	30
88-74-4	2-Nitroaniline	ND	1500
99-09-2	3-Nitroaniline	ND	1500
100-01-6	4-Nitroaniline	ND	1500
98-95-3	Nitrobenzene	ND	740
88-75-5	2-Nitrophenol	ND	740
100-02-1	4-Nitrophenol	ND	740
621-64-7	N-Nitrosodi-n-propylamine	ND	740
62-75-9	N-Nitrosodimethylamine	ND	740
86-30-6	N-Nitrosodiphenylamine	ND	740
87-86-5	Pentachlorophenol	ND	1500
85-01-8	Phenanthrene	230	30
108-95-2	Phenol	ND	740
129-00-0	Pyrene	450	30
95-95-4	2,4,5-Trichlorophenol	ND	740
88-06-2	2,4,6-Trichlorophenol	ND	740
120-82-1	1,2,4-Trichlorobenzene	ND	740

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	79%	20%-117%
2-Fluorobiphenyl	72%	35%-118%
2-Fluorophenol	78%	24%-115%
4-Terphenyl-d14	93%	47%-135%
Nitrobenzene-d5	65%	39%-100%
Phenol-d6	72%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume: 29.98 g
Dilution Factor: 2
Extract Volume: 2
Lab Data File: 4010618F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	16
11104-28-2	Aroclor 1221	ND	16
11141-16-5	Aroclor 1232	ND	16
53469-21-9	Aroclor 1242	ND	16
12672-29-6	Aroclor 1248	ND	16
11097-69-1	Aroclor 1254	ND	16
11096-82-5	Aroclor 1260	ND	16

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	112%	17%-129%
Decachlorobiphenyl	102%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume: 29.98 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010611F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.81
319-84-6	alpha-BHC	ND	0.81
319-85-7	beta-BHC	ND	0.81
319-86-8	delta-BHC	ND	0.81
59-89-9	gamma-BHC (Lindane)	ND	0.81
5103-71-9	alpha-Chlordane	ND	0.81
5103-74-2	gamma-Chlordane	ND	0.81
72-54-8	4,4'-DDD	ND	0.81
72-55-9	4,4'-DDE	ND	0.81
50-29-3	4,4'-DDT	ND	0.81
60-57-1	Dieldrin	ND	0.81
33213-65-9	Endosulfan II	ND	0.81
7421-93-4	Endrin aldehyde	ND	0.81
959-98-8	Endosulfan I	ND	0.81
1031-07-8	Endosulfan sulfate	ND	0.81
72-20-8	Endrin	ND	0.81
53494-70-5	Endrin ketone	ND	0.81
76-44-8	Heptachlor	ND	0.81
1024-57-3	Heptachlor epoxide	ND	0.81
72-43-5	Methoxychlor	ND	0.81
8001-35-2	Toxaphene	ND	40

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	44%	10%-135%
Decachlorobiphenyl	27%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/03/06 By: TW
Method: 8100
QC Batch#: 42127
Units: mg/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume: 10 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: 6010311.D

Result	DL
Sample chromatogram shows a petroleum hydrocarbon pattern in the C16 to C36 alkane range. The total petroleum hydrocarbon concentration was determined utilizing a motor oil petroleum hydrocarbon standard, which most closely matches the petroleum hydrocarbon pattern for the submitted sample. The total petroleum hydrocarbon concentration is determined to be 370.	12

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume: 30.77 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15273.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	200
83-32-9	Acenaphthene	24	7.9
208-96-8	Acenaphthylene	ND	7.9
62-53-3	Aniline	ND	390
120-12-7	Anthracene	79	7.9
56-55-3	Benzo[a]anthracene	150	7.9
50-32-8	Benzo[a]pyrene	120	7.9
205-99-2	Benzo[b]fluoranthene	170	7.9
191-24-2	Benzo[g,h,i]perylene	46	7.9
207-08-9	Benzo[k]fluoranthene	65	7.9
65-85-0	Benzoic acid	ND	980
100-51-6	Benzyl alcohol	ND	390
85-68-7	Benzyl butyl phthalate	ND	200
111-91-1	Bis(2-chloroethoxy)methane	ND	200
111-44-4	Bis(2-chloroethyl)ether	ND	200
108-60-1	Bis(2-chloroisopropyl)ether	ND	390
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200
101-55-3	4-Bromophenyl phenyl ether	ND	200
59-50-7	4-Chloro-3-methylphenol	ND	200
106-47-8	4-Chloroaniline	ND	390
91-58-7	2-Chloronaphthalene	ND	200
95-57-8	2-Chlorophenol	ND	200
7005-72-3	4-Chlorophenyl phenyl ether	ND	200
218-01-9	Chrysene	160	7.9
53-70-3	Dibenz[a,h]anthracene	ND	7.9
84-74-2	Di-n-butyl phthalate	ND	200
117-84-0	Di-n-octyl phthalate	ND	200
132-64-9	Dibenzofuran	ND	390
95-50-1	1,2-Dichlorobenzene	ND	200
541-73-1	1,3-Dichlorobenzene	ND	200
106-46-7	1,4-Dichlorobenzene	ND	200
91-94-1	3,3-Dichlorobenzidine	ND	200
120-83-2	2,4-Dichlorophenol	ND	200
84-66-2	Diethyl phthalate	ND	200
131-11-3	Dimethyl phthalate	ND	200
105-67-9	2,4-Dimethylphenol	ND	200
51-28-5	2,4-Dinitrophenol	ND	200
121-14-2	2,4-Dinitrotoluene	ND	200
606-20-2	2,6-Dinitrotoluene	ND	200
206-44-0	Fluoranthene	390	7.9
86-73-7	Fluorene	25	7.9

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 2 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-07

Matrix: Solid
Percent Moisture: 17.4
Sample Weight/Volume: 30.77 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15273.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	200
87-68-3	Hexachlorobutadiene	ND	200
77-47-4	Hexachlorocyclopentadiene	ND	200
67-72-1	Hexachloroethane	ND	200
193-39-5	Indeno[1,2,3-cd]pyrene	46	7.9
78-59-1	Isophorone	ND	200
534-52-1	2-Methyl-4,6-dinitrophenol	ND	200
91-57-6	2-Methylnaphthalene	ND	200
95-48-7	2-Methylphenol	ND	200
	3- & 4-Methylphenols	ND	200
91-20-3	Naphthalene	45	7.9
88-74-4	2-Nitroaniline	ND	390
99-09-2	3-Nitroaniline	ND	390
100-01-6	4-Nitroaniline	ND	390
98-95-3	Nitrobenzene	ND	200
88-75-5	2-Nitrophenol	ND	200
100-02-1	4-Nitrophenol	ND	200
621-64-7	N-Nitrosodi-n-propylamine	ND	200
62-75-9	N-Nitrosodimethylamine	ND	200
86-30-6	N-Nitrosodiphenylamine	ND	200
87-86-5	Pentachlorophenol	ND	390
85-01-8	Phenanthrene	410	7.9
108-95-2	Phenol	ND	200
129-00-0	Pyrene	400	7.9
95-95-4	2,4,5-Trichlorophenol	ND	200
88-06-2	2,4,6-Trichlorophenol	ND	200
120-82-1	1,2,4-Trichlorobenzene	ND	200

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	75%	20%-117%
2-Fluorobiphenyl	68%	35%-118%
2-Fluorophenol	66%	24%-115%
4-Terphenyl-d14	90%	47%-135%
Nitrobenzene-d5	57%	39%-100%
Phenol-d6	61%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/04/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume: 30.21 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010403F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	40
11104-28-2	Aroclor 1221	ND	40
11141-16-5	Aroclor 1232	ND	40
53469-21-9	Aroclor 1242	ND	40
12672-29-6	Aroclor 1248	ND	40
11097-69-1	Aroclor 1254	ND	40
11096-82-5	Aroclor 1260	ND	40

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	73%	17%-129%
Decachlorobiphenyl	57%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume: 30.21 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010612F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	4.0
319-84-6	alpha-BHC	ND	4.0
319-85-7	beta-BHC	ND	4.0
319-86-8	delta-BHC	ND	4.0
59-89-9	gamma-BHC (Lindane)	ND	4.0
5103-71-9	alpha-Chlordane	ND	4.0
5103-74-2	gamma-Chlordane	ND	4.0
72-54-8	4,4'-DDD	ND	4.0
72-55-9	4,4'-DDE	ND	4.0
50-29-3	4,4'-DDT	ND	4.0
60-57-1	Dieldrin	ND	4.0
33213-65-9	Endosulfan II	ND	4.0
7421-93-4	Endrin aldehyde	ND	4.0
959-98-8	Endosulfan I	ND	4.0
1031-07-8	Endosulfan sulfate	ND	4.0
72-20-8	Endrin	ND	4.0
53494-70-5	Endrin ketone	ND	4.0
76-44-8	Heptachlor	ND	4.0
1024-57-3	Heptachlor epoxide	ND	4.0
72-43-5	Methoxychlor	ND	4.0
8001-35-2	Toxaphene	ND	200

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	38%	10%-135%
Decachlorobiphenyl	26%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/03/06 By: TW
Method: 8100
QC Batch#: 42127
Units: mg/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume: 10 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: 6010312.D

Result	DL
Sample chromatogram shows a petroleum hydrocarbon pattern in the C16 to C36 alkane range. The total petroleum hydrocarbon concentration was determined utilizing a motor oil petroleum hydrocarbon standard, which most closely matches the petroleum hydrocarbon pattern for the submitted sample. The total petroleum hydrocarbon concentration is determined to be 1700.	61

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume: 30.91 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15274.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	990
83-32-9	Acenaphthene	ND	39
208-96-8	Acenaphthylene	ND	39
62-53-3	Aniline	ND	2000
120-12-7	Anthracene	110	39
56-55-3	Benzo[a]anthracene	290	39
50-32-8	Benzo[a]pyrene	240	39
205-99-2	Benzo[b]fluoranthene	340	39
191-24-2	Benzo[g,h,i]perylene	110	39
207-08-9	Benzo[k]fluoranthene	180	39
65-85-0	Benzoic acid	ND	4900
100-51-6	Benzyl alcohol	ND	2000
85-68-7	Benzyl butyl phthalate	ND	990
111-91-1	Bis(2-chloroethoxy)methane	ND	990
111-44-4	Bis(2-chloroethyl)ether	ND	990
108-60-1	Bis(2-chloroisopropyl)ether	ND	2000
117-81-7	Bis(2-ethylhexyl)phthalate	ND	990
101-55-3	4-Bromophenyl phenyl ether	ND	990
59-50-7	4-Chloro-3-methylphenol	ND	990
106-47-8	4-Chloroaniline	ND	2000
91-58-7	2-Chloronaphthalene	ND	990
95-57-8	2-Chlorophenol	ND	990
7005-72-3	4-Chlorophenyl phenyl ether	ND	990
218-01-9	Chrysene	430	39
53-70-3	Dibenz[a,h]anthracene	ND	39
84-74-2	Di-n-butyl phthalate	1100	990
117-84-0	Di-n-octyl phthalate	ND	990
132-64-9	Dibenzofuran	ND	2000
95-50-1	1,2-Dichlorobenzene	ND	990
541-73-1	1,3-Dichlorobenzene	ND	990
106-46-7	1,4-Dichlorobenzene	ND	990
91-94-1	3,3-Dichlorobenzidine	ND	990
120-83-2	2,4-Dichlorophenol	ND	990
84-66-2	Diethyl phthalate	ND	990
131-11-3	Dimethyl phthalate	ND	990
105-67-9	2,4-Dimethylphenol	ND	990
51-28-5	2,4-Dinitrophenol	ND	990
121-14-2	2,4-Dinitrotoluene	ND	990
606-20-2	2,6-Dinitrotoluene	ND	990
206-44-0	Fluoranthene	710	39
86-73-7	Fluorene	81	39

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 3 (continued)

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-08

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Matrix: Solid
Percent Moisture: 83.6
Sample Weight/Volume: 30.91 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15274.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	990
87-68-3	Hexachlorobutadiene	ND	990
77-47-4	Hexachlorocyclopentadiene	ND	990
67-72-1	Hexachloroethane	ND	990
193-39-5	Indeno[1,2,3-cd]pyrene	110	39
78-59-1	Isophorone	ND	990
534-52-1	2-Methyl-4,6-dinitrophenol	ND	990
91-57-6	2-Methylnaphthalene	ND	990
95-48-7	2-Methylphenol	ND	990
	3- & 4-Methylphenols	ND	990
91-20-3	Naphthalene	ND	39
88-74-4	2-Nitroaniline	ND	2000
99-09-2	3-Nitroaniline	ND	2000
100-01-6	4-Nitroaniline	ND	2000
98-95-3	Nitrobenzene	ND	990
88-75-5	2-Nitrophenol	ND	990
100-02-1	4-Nitrophenol	ND	990
621-64-7	N-Nitrosodi-n-propylamine	ND	990
62-75-9	N-Nitrosodimethylamine	ND	990
86-30-6	N-Nitrosodiphenylamine	ND	990
87-86-5	Pentachlorophenol	ND	2000
85-01-8	Phenanthrene	480	39
108-95-2	Phenol	ND	990
129-00-0	Pyrene	760	39
95-95-4	2,4,5-Trichlorophenol	ND	990
88-06-2	2,4,6-Trichlorophenol	ND	990
120-82-1	1,2,4-Trichlorobenzene	ND	990

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	82%	20%-117%
2-Fluorobiphenyl	68%	35%-118%
2-Fluorophenol	78%	24%-115%
4-Terphenyl-d14	95%	47%-135%
Nitrobenzene-d5	66%	39%-100%
Phenol-d6	75%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume: 29.92 g
Dilution Factor: 5
Extract Volume: 2
Lab Data File: 4010615F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	66
11104-28-2	Aroclor 1221	ND	66
11141-16-5	Aroclor 1232	ND	66
53469-21-9	Aroclor 1242	ND	66
12672-29-6	Aroclor 1248	ND	66
11097-69-1	Aroclor 1254	ND	66
11096-82-5	Aroclor 1260	ND	66

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	110%	17%-129%
Decachlorobiphenyl	75%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume: 29.92 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010613F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	1.3
319-84-6	alpha-BHC	ND	1.3
319-85-7	beta-BHC	ND	1.3
319-86-8	delta-BHC	ND	1.3
59-89-9	gamma-BHC (Lindane)	ND	1.3
5103-71-9	alpha-Chlordane	ND	1.3
5103-74-2	gamma-Chlordane	ND	1.3
72-54-8	4,4'-DDD	ND	1.3
72-55-9	4,4'-DDE	ND	1.3
50-29-3	4,4'-DDT	ND	1.3
60-57-1	Dieldrin	ND	1.3
33213-65-9	Endosulfan II	ND	1.3
7421-93-4	Endrin aldehyde	ND	1.3
959-98-8	Endosulfan I	ND	1.3
1031-07-8	Endosulfan sulfate	ND	1.3
72-20-8	Endrin	ND	1.3
53494-70-5	Endrin ketone	ND	1.3
76-44-8	Heptachlor	ND	1.3
1024-57-3	Heptachlor epoxide	ND	1.3
72-43-5	Methoxychlor	ND	1.3
8001-35-2	Toxaphene	ND	66

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	43%	10%-135%
Decachlorobiphenyl	20%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/04/06 By: TW
Method: 8100
QC Batch#: 42129
Units: mg/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume: 10.16 g
Dilution Factor: 4
Extract Volume: 1
Lab Data File: 6010420.D

Result	DL
Sample chromatogram shows a petroleum hydrocarbon pattern in the C16 to C36 alkane range. The total petroleum hydrocarbon concentration was determined utilizing a motor oil petroleum hydrocarbon standard, which most closely matches the petroleum hydrocarbon pattern for the submitted sample. The total petroleum hydrocarbon concentration is determined to be 2600.	77

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume: 29.91 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15275.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	330
83-32-9	Acenaphthene	260	13
208-96-8	Acenaphthylene	26	13
62-53-3	Aniline	ND	660
120-12-7	Anthracene	360	13
56-55-3	Benzo[a]anthracene	690	13
50-32-8	Benzo[a]pyrene	590	13
205-99-2	Benzo[b]fluoranthene	860	13
191-24-2	Benzo[g,h,i]perylene	260	13
207-08-9	Benzo[k]fluoranthene	250	13
65-85-0	Benzoic acid	ND	1600
100-51-6	Benzyl alcohol	ND	660
85-68-7	Benzyl butyl phthalate	ND	330
111-91-1	Bis(2-chloroethoxy)methane	ND	330
111-44-4	Bis(2-chloroethyl)ether	ND	330
108-60-1	Bis(2-chloroisopropyl)ether	ND	660
117-81-7	Bis(2-ethylhexyl)phthalate	ND	330
101-55-3	4-Bromophenyl phenyl ether	ND	330
59-50-7	4-Chloro-3-methylphenol	ND	330
106-47-8	4-Chloroaniline	ND	660
91-58-7	2-Chloronaphthalene	ND	330
95-57-8	2-Chlorophenol	ND	330
7005-72-3	4-Chlorophenyl phenyl ether	ND	330
218-01-9	Chrysene	840	13
53-70-3	Dibenz[a,h]anthracene	ND	13
84-74-2	Di-n-butyl phthalate	ND	330
117-84-0	Di-n-octyl phthalate	ND	330
132-64-9	Dibenzofuran	ND	660
95-50-1	1,2-Dichlorobenzene	ND	330
541-73-1	1,3-Dichlorobenzene	ND	330
106-46-7	1,4-Dichlorobenzene	ND	330
91-94-1	3,3-Dichlorobenzidine	ND	330
120-83-2	2,4-Dichlorophenol	ND	330
84-66-2	Diethyl phthalate	ND	330
131-11-3	Dimethyl phthalate	ND	330
105-67-9	2,4-Dimethylphenol	ND	330
51-28-5	2,4-Dinitrophenol	ND	330
121-14-2	2,4-Dinitrotoluene	ND	330
606-20-2	2,6-Dinitrotoluene	ND	330
206-44-0	Fluoranthene	1600	13
86-73-7	Fluorene	22	13

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 4 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-09

Matrix: Solid
Percent Moisture: 49.0
Sample Weight/Volume: 29.91 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15275.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	330
87-68-3	Hexachlorobutadiene	ND	330
77-47-4	Hexachlorocyclopentadiene	ND	330
67-72-1	Hexachloroethane	ND	330
193-39-5	Indeno[1,2,3-cd]pyrene	220	13
78-59-1	Isophorone	ND	330
534-52-1	2-Methyl-4,6-dinitrophenol	ND	330
91-57-6	2-Methylnaphthalene	ND	330
95-48-7	2-Methylphenol	ND	330
	3- & 4-Methylphenols	ND	330
91-20-3	Naphthalene	280	13
88-74-4	2-Nitroaniline	ND	660
99-09-2	3-Nitroaniline	ND	660
100-01-6	4-Nitroaniline	ND	660
98-95-3	Nitrobenzene	ND	330
88-75-5	2-Nitrophenol	ND	330
100-02-1	4-Nitrophenol	ND	330
621-64-7	N-Nitrosodi-n-propylamine	ND	330
62-75-9	N-Nitrosodimethylamine	ND	330
86-30-6	N-Nitrosodiphenylamine	ND	330
87-86-5	Pentachlorophenol	ND	660
85-01-8	Phenanthrene	2100	13
108-95-2	Phenol	ND	330
129-00-0	Pyrene	2300	13
95-95-4	2,4,5-Trichlorophenol	ND	330
88-06-2	2,4,6-Trichlorophenol	ND	330
120-82-1	1,2,4-Trichlorobenzene	ND	330

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	75%	20%-117%
2-Fluorobiphenyl	73%	35%-118%
2-Fluorophenol	76%	24%-115%
4-Terphenyl-d14	98%	47%-135%
Nitrobenzene-d5	66%	39%-100%
Phenol-d6	70%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume: 30.05 g
Dilution Factor: 2
Extract Volume: 2
Lab Data File: 4010620F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	34
11104-28-2	Aroclor 1221	ND	34
11141-16-5	Aroclor 1232	ND	34
53469-21-9	Aroclor 1242	ND	34
12672-29-6	Aroclor 1248	ND	34
11097-69-1	Aroclor 1254	ND	34
11096-82-5	Aroclor 1260	ND	34

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	96%	17%-129%
Decachlorobiphenyl	92%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume: 30.05 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010614F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	1.7
319-84-6	alpha-BHC	ND	1.7
319-85-7	beta-BHC	ND	1.7
319-86-8	delta-BHC	ND	1.7
59-89-9	gamma-BHC (Lindane)	ND	1.7
5103-71-9	alpha-Chlordane	ND	1.7
5103-74-2	gamma-Chlordane	ND	1.7
72-54-8	4,4'-DDD	ND	1.7
72-55-9	4,4'-DDE	ND	1.7
50-29-3	4,4'-DDT	ND	1.7
60-57-1	Dieldrin	ND	1.7
33213-65-9	Endosulfan II	ND	1.7
7421-93-4	Endrin aldehyde	ND	1.7
959-98-8	Endosulfan I	ND	1.7
1031-07-8	Endosulfan sulfate	ND	1.7
72-20-8	Endrin	ND	1.7
53494-70-5	Endrin ketone	ND	1.7
76-44-8	Heptachlor	ND	1.7
1024-57-3	Heptachlor epoxide	ND	1.7
72-43-5	Methoxychlor	ND	1.7
8001-35-2	Toxaphene	ND	86

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	28%	10%-135%
Decachlorobiphenyl	26%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/03/06 By: TW
Method: 8100
QC Batch#: 42127
Units: mg/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume: 10.04 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: 6010314.D

Result	DL
Sample chromatogram shows a petroleum hydrocarbon pattern in the C16 to C36 alkane range. The total petroleum hydrocarbon concentration was determined utilizing a motor oil petroleum hydrocarbon standard, which most closely matches the petroleum hydrocarbon pattern for the submitted sample. The total petroleum hydrocarbon concentration is determined to be 1900.	26

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume: 29.41 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15276.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	440
83-32-9	Acenaphthene	250	18
208-96-8	Acenaphthylene	70	18
62-53-3	Aniline	ND	880
120-12-7	Anthracene	830	18
56-55-3	Benzo[a]anthracene	2000	18
50-32-8	Benzo[a]pyrene	1800	18
205-99-2	Benzo[b]fluoranthene	2900	18
191-24-2	Benzo[g,h,i]perylene	730	18
207-08-9	Benzo[k]fluoranthene	970	18
65-85-0	Benzoic acid	ND	2200
100-51-6	Benzyl alcohol	ND	880
85-68-7	Benzyl butyl phthalate	ND	440
111-91-1	Bis(2-chloroethoxy)methane	ND	440
111-44-4	Bis(2-chloroethyl)ether	ND	440
108-60-1	Bis(2-chloroisopropyl)ether	ND	880
117-81-7	Bis(2-ethylhexyl)phthalate	ND	440
101-55-3	4-Bromophenyl phenyl ether	ND	440
59-50-7	4-Chloro-3-methylphenol	ND	440
106-47-8	4-Chloroaniline	ND	880
91-58-7	2-Chloronaphthalene	ND	440
95-57-8	2-Chlorophenol	ND	440
7005-72-3	4-Chlorophenyl phenyl ether	ND	440
218-01-9	Chrysene	2400	18
53-70-3	Dibenz[a,h]anthracene	220	18
84-74-2	Di-n-butyl phthalate	480	440
117-84-0	Di-n-octyl phthalate	ND	440
132-64-9	Dibenzofuran	ND	880
95-50-1	1,2-Dichlorobenzene	ND	440
541-73-1	1,3-Dichlorobenzene	ND	440
106-46-7	1,4-Dichlorobenzene	ND	440
91-94-1	3,3-Dichlorobenzidine	ND	440
120-83-2	2,4-Dichlorophenol	ND	440
84-66-2	Diethyl phthalate	ND	440
131-11-3	Dimethyl phthalate	ND	440
105-67-9	2,4-Dimethylphenol	ND	440
51-28-5	2,4-Dinitrophenol	ND	440
121-14-2	2,4-Dinitrotoluene	ND	440
606-20-2	2,6-Dinitrotoluene	ND	440
206-44-0	Fluoranthene	4300	18
86-73-7	Fluorene	ND	18

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 5 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-10

Matrix: Solid
Percent Moisture: 61.5
Sample Weight/Volume: 29.41 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15276.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	440
87-68-3	Hexachlorobutadiene	ND	440
77-47-4	Hexachlorocyclopentadiene	ND	440
67-72-1	Hexachloroethane	ND	440
193-39-5	Indeno[1,2,3-cd]pyrene	740	18
78-59-1	Isophorone	ND	440
534-52-1	2-Methyl-4,6-dinitrophenol	ND	440
91-57-6	2-Methylnaphthalene	ND	440
95-48-7	2-Methylphenol	ND	440
	3- & 4-Methylphenols	ND	440
91-20-3	Naphthalene	210	18
88-74-4	2-Nitroaniline	ND	880
99-09-2	3-Nitroaniline	ND	880
100-01-6	4-Nitroaniline	ND	880
98-95-3	Nitrobenzene	ND	440
88-75-5	2-Nitrophenol	ND	440
100-02-1	4-Nitrophenol	ND	440
621-64-7	N-Nitrosodi-n-propylamine	ND	440
62-75-9	N-Nitrosodimethylamine	ND	440
86-30-6	N-Nitrosodiphenylamine	ND	440
87-86-5	Pentachlorophenol	ND	880
85-01-8	Phenanthrene	4000	18
108-95-2	Phenol	ND	440
129-00-0	Pyrene	5300	18
95-95-4	2,4,5-Trichlorophenol	ND	440
88-06-2	2,4,6-Trichlorophenol	ND	440
120-82-1	1,2,4-Trichlorobenzene	ND	440

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	76%	20%-117%
2-Fluorobiphenyl	62%	35%-118%
2-Fluorophenol	66%	24%-115%
4-Terphenyl-d14	108%	47%-135%
Nitrobenzene-d5	52%	39%-100%
Phenol-d6	62%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 30.28 g
Dilution Factor: 2
Extract Volume: 2
Lab Data File: 4010621F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	26
11104-28-2	Aroclor 1221	ND	26
11141-16-5	Aroclor 1232	ND	26
53469-21-9	Aroclor 1242	ND	26
12672-29-6	Aroclor 1248	ND	26
11097-69-1	Aroclor 1254	ND	26
11096-82-5	Aroclor 1260	ND	26

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	70%	17%-129%
Decachlorobiphenyl	74%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 30.28 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010615F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	1.3
319-84-6	alpha-BHC	ND	1.3
319-85-7	beta-BHC	ND	1.3
319-86-8	delta-BHC	ND	1.3
59-89-9	gamma-BHC (Lindane)	ND	1.3
5103-71-9	alpha-Chlordane	ND	1.3
5103-74-2	gamma-Chlordane	ND	1.3
72-54-8	4,4'-DDD	ND	1.3
72-55-9	4,4'-DDE	ND	1.3
50-29-3	4,4'-DDT	ND	1.3
60-57-1	Dieldrin	ND	1.3
33213-65-9	Endosulfan II	ND	1.3
7421-93-4	Endrin aldehyde	ND	1.3
959-98-8	Endosulfan I	ND	1.3
1031-07-8	Endosulfan sulfate	ND	1.3
72-20-8	Endrin	ND	1.3
53494-70-5	Endrin ketone	ND	1.3
76-44-8	Heptachlor	ND	1.3
1024-57-3	Heptachlor epoxide	ND	1.3
72-43-5	Methoxychlor	ND	1.3
8001-35-2	Toxaphene	ND	65

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	33%	10%-135%
Decachlorobiphenyl	34%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/03/06 By: TW
Method: 8100
QC Batch#: 42127
Units: mg/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 10.15 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: 6010315.D

Result	DL
Sample chromatogram shows a petroleum hydrocarbon pattern in the C16 to C36 alkane range. The total petroleum hydrocarbon concentration was determined utilizing a motor oil petroleum hydrocarbon standard, which most closely matches the petroleum hydrocarbon pattern for the submitted sample. The total petroleum hydrocarbon concentration is determined to be 1300.	19

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 30.02 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15277.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	330
83-32-9	Acenaphthene	59	13
208-96-8	Acenaphthylene	300	13
62-53-3	Aniline	ND	660
120-12-7	Anthracene	1000	13
56-55-3	Benzo[a]anthracene	1800	13
50-32-8	Benzo[a]pyrene	1700	13
205-99-2	Benzo[b]fluoranthene	2300	13
191-24-2	Benzo[g,h,i]perylene	620	13
207-08-9	Benzo[k]fluoranthene	930	13
65-85-0	Benzoic acid	ND	1600
100-51-6	Benzyl alcohol	ND	660
85-68-7	Benzyl butyl phthalate	ND	330
111-91-1	Bis(2-chloroethoxy)methane	ND	330
111-44-4	Bis(2-chloroethyl)ether	ND	330
108-60-1	Bis(2-chloroisopropyl)ether	ND	660
117-81-7	Bis(2-ethylhexyl)phthalate	ND	330
101-55-3	4-Bromophenyl phenyl ether	ND	330
59-50-7	4-Chloro-3-methylphenol	ND	330
106-47-8	4-Chloroaniline	ND	660
91-58-7	2-Chloronaphthalene	ND	330
95-57-8	2-Chlorophenol	ND	330
7005-72-3	4-Chlorophenyl phenyl ether	ND	330
218-01-9	Chrysene	2200	13
53-70-3	Dibenz[a,h]anthracene	130	13
84-74-2	Di-n-butyl phthalate	ND	330
117-84-0	Di-n-octyl phthalate	ND	330
132-64-9	Dibenzofuran	ND	660
95-50-1	1,2-Dichlorobenzene	ND	330
541-73-1	1,3-Dichlorobenzene	ND	330
106-46-7	1,4-Dichlorobenzene	ND	330
91-94-1	3,3-Dichlorobenzidine	ND	330
120-83-2	2,4-Dichlorophenol	ND	330
84-66-2	Diethyl phthalate	ND	330
131-11-3	Dimethyl phthalate	ND	330
105-67-9	2,4-Dimethylphenol	ND	330
51-28-5	2,4-Dinitrophenol	ND	330
121-14-2	2,4-Dinitrotoluene	ND	330
606-20-2	2,6-Dinitrotoluene	ND	330
206-44-0	Fluoranthene	ND	13
86-73-7	Fluorene	ND	13

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 6 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-11

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 30.02 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15277.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	330
87-68-3	Hexachlorobutadiene	ND	330
77-47-4	Hexachlorocyclopentadiene	ND	330
67-72-1	Hexachloroethane	ND	330
193-39-5	Indeno[1,2,3-cd]pyrene	30	13
78-59-1	Isophorone	ND	330
534-52-1	2-Methyl-4,6-dinitrophenol	ND	330
91-57-6	2-Methylnaphthalene	ND	330
95-48-7	2-Methylphenol	ND	330
	3- & 4-Methylphenols	ND	330
91-20-3	Naphthalene	240	13
88-74-4	2-Nitroaniline	ND	660
99-09-2	3-Nitroaniline	ND	660
100-01-6	4-Nitroaniline	ND	660
98-95-3	Nitrobenzene	ND	330
88-75-5	2-Nitrophenol	ND	330
100-02-1	4-Nitrophenol	ND	330
621-64-7	N-Nitrosodi-n-propylamine	ND	330
62-75-9	N-Nitrosodimethylamine	ND	330
86-30-6	N-Nitrosodiphenylamine	ND	330
87-86-5	Pentachlorophenol	ND	660
85-01-8	Phenanthrene	4200	13
108-95-2	Phenol	ND	330
129-00-0	Pyrene	5300	13
95-95-4	2,4,5-Trichlorophenol	ND	330
88-06-2	2,4,6-Trichlorophenol	ND	330
120-82-1	1,2,4-Trichlorobenzene	ND	330

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	80%	20%-117%
2-Fluorobiphenyl	65%	35%-118%
2-Fluorophenol	59%	24%-115%
4-Terphenyl-d14	107%	47%-135%
Nitrobenzene-d5	48%	39%-100%
Phenol-d6	59%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: MP
Date Analyzed: 01/09/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010325F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	0.20
11104-28-2	Aroclor 1221	ND	0.20
11141-16-5	Aroclor 1232	ND	0.20
53469-21-9	Aroclor 1242	ND	0.20
12672-29-6	Aroclor 1248	ND	0.20
11097-69-1	Aroclor 1254	ND	0.20
11096-82-5	Aroclor 1260	ND	0.20

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	83%	18%-127%
Decachlorobiphenyl	85%	14%-118%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/05/06 By: MP
Method: 8081A
QC Batch#: 42184
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010507F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.020
319-84-6	alpha-BHC	ND	0.020
319-85-7	beta-BHC	ND	0.020
319-86-8	delta-BHC	ND	0.020
59-89-9	gamma-BHC (Lindane)	ND	0.020
5103-71-9	alpha-Chlordane	ND	0.020
5103-74-2	gamma-Chlordane	ND	0.020
72-54-8	4,4'-DDD	ND	0.020
72-55-9	4,4'-DDE	ND	0.020
50-29-3	4,4'-DDT	ND	0.020
60-57-1	Dieldrin	ND	0.020
33213-65-9	Endosulfan II	ND	0.020
7421-93-4	Endrin aldehyde	ND	0.020
959-98-8	Endosulfan I	ND	0.020
1031-07-8	Endosulfan sulfate	ND	0.020
72-20-8	Endrin	ND	0.020
53494-70-5	Endrin ketone	ND	0.020
76-44-8	Heptachlor	ND	0.020
1024-57-3	Heptachlor epoxide	ND	0.020
72-43-5	Methoxychlor	ND	0.020
8001-35-2	Toxaphene	ND	1.0

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	116%	11%-121%
Decachlorobiphenyl	96%	9%-119%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: TLW
Date Analyzed: 01/03/06 By: TW
Method: 8100
QC Batch#: 42127
Units: mg/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 1
Lab Data File: 6010306.D

Result	DL
No petroleum hydrocarbon pattern was detected in the submitted sample.	0.10

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: JD
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15269.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	5.0
83-32-9	Acenaphthene	ND	0.20
208-96-8	Acenaphthylene	ND	0.20
62-53-3	Aniline	ND	10
120-12-7	Anthracene	ND	0.20
56-55-3	Benzo[a]anthracene	ND	0.20
50-32-8	Benzo[a]pyrene	ND	0.20
205-99-2	Benzo[b]fluoranthene	ND	0.20
191-24-2	Benzo[g,h,i]perylene	ND	0.20
207-08-9	Benzo[k]fluoranthene	ND	0.20
65-85-0	Benzoic acid	ND	25
100-51-6	Benzyl alcohol	ND	10
85-68-7	Benzyl butyl phthalate	ND	5.0
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0
111-44-4	Bis(2-chloroethyl)ether	ND	5.0
108-60-1	Bis(2-chloroisopropyl)ether	ND	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND	5.0
101-55-3	4-Bromophenyl phenyl ether	ND	5.0
59-50-7	4-Chloro-3-methylphenol	ND	5.0
106-47-8	4-Chloroaniline	ND	10
91-58-7	2-Chloronaphthalene	ND	5.0
95-57-8	2-Chlorophenol	ND	5.0
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0
218-01-9	Chrysene	ND	0.20
53-70-3	Dibenz[a,h]anthracene	ND	0.20
84-74-2	Di-n-butyl phthalate	ND	5.0
117-84-0	Di-n-octyl phthalate	ND	5.0
132-64-9	Dibenzofuran	ND	10
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
91-94-1	3,3-Dichlorobenzidine	ND	5.0
120-83-2	2,4-Dichlorophenol	ND	5.0
84-66-2	Diethyl phthalate	ND	5.0
131-11-3	Dimethyl phthalate	ND	5.0
105-67-9	2,4-Dimethylphenol	ND	5.0
51-28-5	2,4-Dinitrophenol	ND	5.0
121-14-2	2,4-Dinitrotoluene	ND	5.0
606-20-2	2,6-Dinitrotoluene	ND	5.0
206-44-0	Fluoranthene	ND	0.20
86-73-7	Fluorene	ND	0.20

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E71
PL Sample No: 7 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: JD
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 699051228-12

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15269.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	5.0
77-47-4	Hexachlorocyclopentadiene	ND	5.0
67-72-1	Hexachloroethane	ND	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	ND	0.20
78-59-1	Isophorone	ND	5.0
534-52-1	2-Methyl-4,6-dinitrophenol	ND	5.0
91-57-6	2-Methylnaphthalene	ND	5.0
95-48-7	2-Methylphenol	ND	5.0
	3- & 4-Methylphenols	ND	5.0
91-20-3	Naphthalene	ND	0.20
88-74-4	2-Nitroaniline	ND	10
99-09-2	3-Nitroaniline	ND	10
100-01-6	4-Nitroaniline	ND	10
98-95-3	Nitrobenzene	ND	5.0
88-75-5	2-Nitrophenol	ND	5.0
100-02-1	4-Nitrophenol	ND	5.0
621-64-7	N-Nitrosodi-n-propylamine	ND	5.0
62-75-9	N-Nitrosodimethylamine	ND	5.0
86-30-6	N-Nitrosodiphenylamine	ND	5.0
87-86-5	Pentachlorophenol	ND	10
85-01-8	Phenanthrene	ND	0.20
108-95-2	Phenol	ND	5.0
129-00-0	Pyrene	ND	0.20
95-95-4	2,4,5-Trichlorophenol	ND	5.0
88-06-2	2,4,6-Trichlorophenol	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	70%	21%-96%
2-Fluorobiphenyl	81%	20%-90%
2-Fluorophenol	44%	10%-54%
4-Terphenyl-d14	97%	20%-107%
Nitrobenzene-d5	74%	21%-91%
Phenol-d6	25%	10%-43%

APPENDIX B

DATA VALIDATION COMPLETENESS CHECKLIST

FORMER GORHAM PROPERTY AND MASHAPAUG COVE PROJECT SAMPLING MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☐	☐
Groundwater field measurements (if applicable)	☐	☐
Soil sampling field measurements (if applicable)	☐	☐
Sediment sampling field measurements (if applicable)	☐	☐
Surface water sampling field measurements (if applicable)	☐	☐
Low-flow sampling field measurements (if applicable)	☐	☐
Documentation of field activities	☐	☐
Sample numbering and labeling	☐	☐
Chain-of-Custody records	☐	☐
Trip blanks	☐	☐
Duplicate samples	☐	☐
Equipment blanks	☐	☐
Split samples (if any)	☐	☐
2. LABORATORY MEASUREMENTS:		
Trip blanks	☑	☐
Instrument blanks	☑	☐
Laboratory control samples	☑	☐
Duplicates samples	☑	☐
Equipment blanks	☑	☐
Matrix spike/matrix spike duplicates	☑	☐
Analysis type	☑	☐
Chain-of-Custody records	☑	☐
Surrogate recoveries	☑	☐
Sample Project Narratives	☑	☐
Split samples (if any)	☐	☐ N/A

TOTAL: _____ _____

PERCENT COMPLETE: _____ %

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

1. SAMPLING AND FIELD MEASUREMENTS:	YES	NO	COMMENTS
Field measurement calibration records			
pH - ± 0.3 pH units	☐	☐	_____
S.C. - ± 5% of calibration solution, within calibration range?	☐	☐	_____
Temperature - ± 0.5 °C	☐	☐	_____
D.O. - ± 5% of calibration solution	☐	☐	_____
Groundwater field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	_____
Soil sampling field measurements (if applicable)			
OVM - ± 2 ppm	☐	☐	_____
OVA - ± 2 ppm	☐	☐	_____
Sediment sampling field measurements (if applicable)			
Descriptive information recorded?	☐	☐	_____
Surface water sampling field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	_____
Low-flow sampling field measurements (if applicable)			
S.C. - ± 10%	☐	☐	_____
pH - ± 0.2 pH units	☐	☐	_____
Temperature - ± 10%	☐	☐	_____
Turbidity - ±5 NTU	☐	☐	_____
Documentation of field activities			
Site-specific information documented in field notebook?	☐	☐	_____
Field data sheets completed?	☐	☐	_____
Sample numbering and labeling			
Sample numbering conforms to sample I.D. system identified in QAPP?	☐	☐	_____
Chain-of-Custody records			
Chain-of-Custody forms completed?	☐	☐	_____

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

	YES	NO	COMMENTS
Trip blanks			
Trip blanks submitted, one per day?	☐	☐	
Any compounds detected in trip blanks?	☐	☐	
Duplicate samples			
Field duplicates performed, 1/20 samples?	☐	☐	
Duplicates performed on 10% of samples screened for explosives?	☐	☐	
Is percent difference within 30% for all field parameters?	☐	☐	
Equipment blanks			
Equipment blanks submitted, one per sampling day?	☐	☐	
Any compounds detected in equipment blank?	☐	☐	
Split samples (if any)			
Split samples collected?	☐	☐	
Is percent difference within 30% for split samples?	☐	☐	

2. LABORATORY MEASUREMENTS:

Trip blanks			
Trip blanks submitted, one per day?	☑	☐	
Any compounds detected in trip blanks?	☑	☐	
Instrument blanks**	☑	☐	
Laboratory control samples**	☑	☐	
Duplicates samples**	☑	☐	
Equipment blanks**	☑	☐	
Matrix spike/matrix spike duplicates**	☑	☐	see narrative
Analysis type	☑	☐	
Chain-of-Custody records	☑	☐	
Surrogate recoveries**	☑	☐	See narrative
Sample Project Narratives	☑	☐	
Split samples (if any)**	☐	☐	N/A
Most recent EPA WP-PE sample results**	☐	☐	N/A

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Traffic Report	☐	☐	N/A
3.	Volatiles Data	☑	☐	
a.	Sample Data			
	Target Compound List (TCL) Results	☒	☐	
	Reconstructed total ion chromatograms (RIC) for each sample	☒	☐	
	For each sample:			
	Raw spectra and background-subtracted mass spectra of target compounds identified	☒	☐	
	Mass spectra of all reported TICs with three best library matches	☒	☐	
	Percent solids calculations	☒	☐	
b.	Standards Data (all instruments)			
	Initial Calibration Data	☒	☐	
	RICs and Quan Reports for all Standards	☒	☐	
	Continuing Calibration	☒	☐	
	RICs and Quan Reports for all Standards	☒	☐	
	Internal Standard Area Summary	☒	☐	
c.	Raw QC Data			
	Blank Data	☐	☐	
	Matrix Spike Data	☐	☐	
	Matrix Spike Duplicate Data	☐	☐	
4.	Semivolatiles Data			
a.	QC Summary			
	Surrogate Percent Recovery Summary	☒	☐	see variances
	MS/MSD Summary	☒	☐	see variances
	Method Blank Summary	☒	☐	
	Tuning and Mass Calibration	☒	☐	

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☒	☐	
Tentatively Identified Compounds	☐	☒	NO TICS
Reconstructed total ion chromatograms (RIC) for each sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of TCL compounds	☒	☐	
Mass spectra of TICs with 3 best library matches	☐	☒	NO TICS
GPC chromatograms (if GPC performed)	☐	☒	NO GPC
c. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Areas Summary	☒	☐	
Internal Standard Areas Summary	☒	☐	
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☒	☐	
Blank Data	☒	☐	
Matrix Spike Data	☒	☐	
Matrix Spike Duplicate Data	☒	☐	
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☒	☐	
Internal sample & sample extract transfer chain-of custody records	☒	☐	
Screening Records	☒	☐	
All instrument output, including strip charts from screening activities (describe or list)	☒	☐	

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FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

	PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**		
	YES	NO	COMMENTS
6. Chain-of-Custody Records	☑	☐	
Sample Log-in Sheet (Lab & DC1)	☑	☐	
Miscellaneous Shipping/Receiving Records (describe or list)	☐	☐	NA
7. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list) ref. logbooks	☑	☐	
8. Other Records (describe or list)	☐	☐	

9. Comments:

** See laboratory Quality Assurance Plan for limits.

Completed by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

FUSS&O'NEILL

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Inorganic Analysis Data Sheet	☑	☐	
3.	Initial and Continuing Calibration Verification	☑	☐	
4.	CRDL Standard for AA and ICP	☑	☐	
5.	Blanks	☑	☐	
6.	ICP Interference Check Sample	☑	☐	
7.	Spike Sample Recovery	☑	☐	See narrative
8.	Post Digest Spike Sample Recovery	☐	☐	NA
9.	Duplicates	☑	☐	
10.	Laboratory Control Sample	☑	☐	
11.	Standard Addition Results	☐	☐	NA
12.	ICP Serial Dilutions	☑	☐	
13.	Instrument Detection Limits, Quarterly	☑	☐	
4.	ICP Interelement Correction Factors, Annually	☑	☐	
15.	ICP Linear Ranges Quarterly	☑	☐	
16.	Preparation Log	☑	☐	
17.	Analysis Run Log	☑	☐	
18.	ICP Raw Data	☑	☐	
19.	Furnace AA Raw Data	☐	☐	NA
20.	Mercury Raw Data	☑	☐	
21.	Percent Solids Calculations	☑	☐	
22.	Digestion Logs	☑	☐	
23.	EPA Shipping/Receiving Records (List all individual records)	☑	☐	
	Chain-of Custody Records	☑	☐	
	Sample Log-In sheet	☑	☐	LIMS
24.	Miscellaneous Shipping/Receiving Records (List all individual records)	☐	☐	

FUSS & O'NEILL

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

		PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**		
		YES	NO	COMMENTS
25.	Internal Lab Sample Transfer Records and Tracking Sheets (Describe or List)			
	ref. logbook	☑	☐	
		☐	☐	
26.	Internal Original Sample Preparation and analysis Records			
	(Describe or List	☑	☐	
	Preparation Records logbooks	☑	☐	
	Analysis Records hard copy + electronic backup	☑	☐	
	Description	☐	☐	
27.	Other Records (Describe or List)			
		☐	☐	
		☐	☐	
28.	Comments:			

** See laboratory Quality Assurance Plan for limits.

Completed by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

E512E71

Fuss & O'Neill Inc.
consulting engineers
Environmental Field Services

CHAIN-OF-CUSTODY RECORD No. 63143

FUSS & O'NEILL, INC.
146 HARTFORD ROAD
MANCHESTER, CT 06040
(860) 646-2469

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
RIDEM - Gorham Mfg	Providence, RI	20051057.A10	Premier

REPORT TO: See Aprf
INVOICE TO: ↓
P. O. #:

Source Codes: B=Bottom Sediment; L=Lake/Pond/Ocean; LF=Landfill; MW=Monitor Well; O=Outfall; PW=Potable Water; R=River/Stream; RO=Run Off; S=Soil; SG=Sludge; ST=Septic Tank; T=Treatment Facility; W=Well; X= Other, Specify Equipment Blank ; TB = Trip Blank

ITEM NUMBER	SAMPLE NUMBER	SOURCE CODE	CONTAINER NO.	CONTAINER TYPE	CONTAINER SIZE	CONTAINER PRESERV.	ANALYSIS REQUIRED	COMMENTS	TRANSFER NUMBER & CHECK 1	2	3	4
1	699051228 -06	B	4	G	40z	I	See APRF	SCANNED COC	✓	✓		
2	-07											
3	-08											
4	-09											
5	-10											
6	-11	↓	↓	↓	↓	↓						
7	-12	X	1	P	200mL	N/I						
8	-12		1	P	1000mL	S/I						
9	-12		5	A	1000mL	I						
10	-12		2	A	1000mL	O/I						
11	-12	↓	2	V	40mL	H/I						
12	-14	TB	1	↓	↓	↓			↓	↓		

Container Code: P=Plastic; V=VOA Vial; C=Cube; G=Glass; A=Amber Glass; T=Teflon Lid; B=Bacteria Bottle

Preservative Code: I=Iced; F=Filtered; N=Nitric Acid [HNO_3]; H=Hydrochloric Acid [HCl]; S=Sodium Hydroxide [NaOH]; T=Sodium Thiosulfate [$Na_2S_2O_3$]; B=Sodium Bisulfate [$NaHSO_4$]; O=Sulfuric Acid [H_2SO_4]; A=Ascorbic Acid [$C_6H_8O_6$]; X=Other, Specify

Sampler's Signature	Affiliation	Date	Time
[signature]	F&O	12.28.05	1546

ADDITIONAL COMMENTS:
Trip Blank & Equipment Blank Included

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-12	[signature]	F&O RM Fridge	12.28.05	1550
2	1-3	F&O Fridge	[signature]	12/29/05	1045
3	1-12	[signature]	AK [signature]	12-29-05	1045
4	1-12	[signature]	[signature]	12-29-05	1555

F&O 500

Analytical Parameter Request

Project #: **20051057.A10**	Date Sampled: **December 28, 2005**
Project Name: **RIDEM-Gorham Mfg**	Date Submitted: **December 29, 2005**
Laboratory: **Premier Laboratory**	Submittor: **Josh Wilson, F&O**

FUSS & O'NEILL
Disciplines to Deliver

Report To: **Fuss & O'Neill, Inc., Providence, RI**	Attention: **David Foss**

Invoice to: **RIDEM in accordance with laboratory's Master Price Agreement** Mailing Address: **235 Promenade Street** City, State, Zip: **Providence, RI 02908** Special Instructions: **- All samples in this APRF contain SEDIMENT/SOIL samples** **- We request that the laboratory complete the Data Validation Completeness Checklist, attached**	Attention: **Joesph Martella, II** Phone #: **401-222-4700 ext. 7109**

COC #	Sample ID	COC #	Sample ID	COC #	Sample ID
63143	699051228-06	63143	699051228-12		
	-07	↓	↓ -14		
	-08				
	-09				
	-10				
↓	↓ -11				

Comments:

1	Blank(s) included in sample
1	Duplicate(s) included in sample

Requested Parameters

Analyses to be conducted in accordance with QAPP (revision 1.2) dated December 2005. Detection limits have been copied from QAPP and are attached. (Tables 3-2 and 3-3)

ANALYSES	SEDIMENT	SOIL
TPH (8100M)	Yes	No
VOCs (8260)	Yes	No
SVOCs (8270)	Yes	Yes
Priority Pollutant Metals (6010/7470) *	Yes	Yes
Cyanide (9012)	Yes	Yes
Pesticides (8081A)	Yes	Yes
PCBs (8082)	Yes	Yes

* BARIUM Added per DAVEFOSS 1/6/06. RW

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
Antimony	10	820	NE	NE	0.50	0.010
Arsenic	7.0	7.0	NE	NE	0.50	0.010
Beryllium	0.4	1.3	NE	NE	0.05	0.001
Cadmium	39	1,000	NE	NE	0.10	0.002
Chromium, Trivalent	1,400	10,000	NE	NE	0.50	0.010
Chromium, Hexavalent	390	10,000	NE	NE	0.50	0.050
Copper	3,100	10,000	NE	NE	0.50	0.010
Lead	150	500	NE	NE	0.20	0.004
Mercury	23	610	NE	NE	0.02	0.0002
Nickel	1,000	10,000	NE	NE	0.50	0.010
Selenium	390	10,000	NE	NE	0.50	0.010
Thallium	5.5	140	NE	NE	0.25	0.005
Zinc	6,000	10,000	NE	NE	0.50	0.010
Cyanide	200	10,000	NE	NE	0.25	0.01
PCBs	10	10	10.0	NE	0.013	0.0002
Acetone	7,800	10,000	NE	NE	0.02	0.02
Benzene	2.5	200	4.3	0.14	0.005	0.005
Bromodichloromethane	10	92	NE	NE	0.005	0.005
Bromoform	81	720	NE	NE	0.005	0.005
Bromomethane	0.8	2,900	NE	NE	0.005	0.005
Carbon Tetrachloride	1.5	44	5.0	0.07	0.005	0.005
Chlorobenzene	210	10,000	100	3.2	0.005	0.005
Chloroform	1.2	940	NE	NE	0.005	0.005
Dibromochloromethane	7.6	68	NE	NE	0.005	0.005
1,2-Dibromo-3-chloropropane	0.5	4.1	NE	0.002	0.005	0.001
1,1-Dichloroethane	920	10,000	NE	NE	0.005	0.005
1,2-Dichloroethane	0.9	63	2.3	0.11	0.005	0.005
1,1-Dichloroethene	0.2	9.5	0.7	0.007	0.005	0.005
cis-1,2-Dichloroethene	630	10,000	60	2.4	0.005	0.005

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
trans-1,2-Dichloroethene	1,100	10,000	92	2.8	0.005	0.005
1,2-Dichloropropane	1.9	84	70	3.0	0.005	0.005
Ethylbenzene	71	10,000	62	1.6	0.005	0.005
Ethylene dibromide	0.01	0.07	NE	NE	0.005	0.005
Isopropylbenzene	27	10,000	NE	NE	0.005	0.005
Methyl ethyl ketone	10,000	10,000	NE	NE	0.02	0.02
Methyl isobutyl ketone	1,200	10,000	NE	NE	0.02	0.02
Methyl t-butyl ether	390	10,000	100	5.0	0.005	0.005
Methylene chloride	45	760	NE	NE	0.005	0.005
Styrene	13	190	64	2.2	0.005	0.005
1,1,1,2-Tetrachloroethane	2.2	220	NE	NE	0.005	0.005
1,1,2,2-Tetrachloroethane	1.3	29	NE	NE	0.005	0.005
Tetrachloroethene	12	110	4.2	0.15	0.005	0.005
Toluene	190	10,000	54	1.7	0.005	0.005
1,1,1-Trichloroethane	540	10,000	160	3.1	0.005	0.005
1,1,2-Trichloroethane	3.6	100	NE	NE	0.005	0.005
Trichloroethene	13	520	20	0.54	0.005	0.005
Vinyl chloride	0.02	3.0	NE	NE	0.005	0.005
Xylenes (total)	110	10,000	NE	NE	0.005	0.005
Acenaphthene	43	10,000	NE	NE	0.167	0.005
Acenaphthylene	23	10,000	NE	NE	0.167	0.005
Anthracene	35	10,000	NE	NE	0.167	0.005
Benzo(a)anthracene	0.9	7.8	NE	NE	0.167	0.005
Benzo(a)pyrene	0.4	0.8	NE	NE	0.167	0.005
Benzo(b)fluoranthene	0.9	7.8	NE	NE	0.167	0.005
Benzo(g,h,i)perylene	0.8	10,000	NE	NE	0.167	0.005
Benzo(k)fluoranthene	0.9	78	NE	NE	0.167	0.005
1,1-Biphenyl	0.8	10,000	NE	NE	0.167	0.005
bis(2-ethylhexyl)phthalate	46	410	NE	NE	0.167	0.005

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
bis(2-chloroethyl)ether	0.6	5.2	NE	NE	0.167	0.005
bis(2-chloroisopropyl)ether	9.1	82	NE	NE	0.167	0.005
4-chloroaniline	310	8,200	NE	NE	0.167	0.005
2-Chlorophenol	50	10,000	NE	NE	0.167	0.005
Chrysene	0.4	780	NE	NE	0.167	0.005
Dibenzo(a,h)anthracene	0.4	0.8	NE	NE	0.167	0.005
o-Dichlorobenzene	510	10,000	NE	NE	0.167	0.005
m-Dichlorobenzene	430	10,000	NE	NE	0.167	0.005
p-Dichlorobenzene	27	240	NE	NE	0.167	0.005
3,3-Dichlorobenzidine	1.4	13	NE	NE	0.167	0.005
2,4-Dichlorophenol	30	6,100	NE	NE	0.167	0.005
Diethyl phthalate	340	10,000	NE	NE	0.167	0.005
2,4-Dimethyl phenol	1,400	10,000	NE	NE	0.167	0.005
Dimethyl phthalate	1,900	10,000	NE	NE	0.167	0.005
2,4-Dinitrophenol	160	4,100	NE	NE	0.167	0.005
2,4-Dinitrotoluene	0.9	8.4	NE	NE	0.167	0.005
Fluoranthene	20	10,000	NE	NE	0.167	0.005
Fluorene	28	10,000	NE	NE	0.167	0.005
Hexachlorobenzene	0.4	3.6	NE	NE	0.167	0.005
Hexachlorobutadiene	8.2	73	NE	NE	0.167	0.005
Hexachloroethane	46	410	NE	NE	0.167	0.005
Indeno(1,2,3-cd)pyrene	0.9	7.8	NE	NE	0.167	0.005
2-Methylnaphthalene	123	10,000	NE	NE	0.167	0.005
Naphthalene	54	10,000	NE	NE	0.167	0.005
Pentachlorophenol	5.3	48	NE	NE	0.167	0.005
Phenanthrene	40	10,000	NE	NE	0.167	0.005
Phenol	6,000	10,000	NE	NE	0.167	0.005
Pyrene	13	10,000	NE	NE	0.167	0.005
1,2,4-Trichlorobenzene	96	10,000	NE	NE	0.167	0.005

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
2,4,5-Trichlorophenol	330	10,000	NE	NE	0.167	0.005
2,4,6-Trichlorophenol	58	520	NE	NE	0.167	0.005
Aldrin	NE	NE	NE	NE	0.00067*	0.00002
alpha-BHC	NE	NE	NE	NE	0.00067*	0.00002
beta-BHC	NE	NE	NE	NE	0.00067*	0.00002
delta-BHC	NE	NE	NE	NE	0.00067*	0.00002
gamma-BHC (Lindane)	NE	NE	NE	NE	0.00067*	0.00002
alpha-Chlordane	NE	NE	NE	NE	0.00067*	0.00002
gamma-Chlordane	NE	NE	NE	NE	0.00067*	0.00002
4,4'-DDD	NE	NE	NE	NE	0.00067*	0.00002
4,4'-DDE	NE	NE	NE	NE	0.00067*	0.00002
4,4'-DDT	NE	NE	NE	NE	0.00067*	0.00002
Dieldrin	0.04	0.4	NE	NE	0.00067*	0.00002
Endosulfan I	NE	NE	NE	NE	0.00067*	0.00002
Endosulfan II	NE	NE	NE	NE	0.00067*	0.00002
Endosulfan sulfate	NE	NE	NE	NE	0.00067*	0.00002
Endrin	NE	NE	NE	NE	0.00067*	0.00002
Endrin aldehyde	NE	NE	NE	NE	0.00067*	0.00002
Heptachlor	NE	NE	NE	NE	0.00067*	0.00002
Heptachlor epoxide	NE	NE	NE	NE	0.00067*	0.00002
Methoxychlor	NE	NE	NE	NE	0.00067*	0.00002
Toxaphene	NE	NE	NE	NE	0.00067*	0.00002
Total Petroleum Hydrocarbons	500~~NE~~	2500~~NE~~	NE	NE	10	0.100
1,2,3,7,8-PeCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,6,7,8-HxCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,7,8-HxCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,7,8,9-HxCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,6,7,8-HpCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,5,6,7,8-OCDD	NE	NE	NE	NE	0.001	0.0000001

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
2,3,7,8-TCDF	NE	NE	NE	NE	0.0001	0.00000001
1,2,3,7,8-PeCDF	NE	NE	NE	NE	0.0005	0.00000005
2,3,4,7,8-PeCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,6,7,8-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,7,8,9-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,7,8-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
2,3,4,6,7,8-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2.3,4,6,7,8-HpCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,7,8,9-HpCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,5,6,7,8-OCDF	NE	NE	NE	NE	0.001	0.0000001

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
Antimony	mg/Kg	2.0[b]	0.50	1.00
Arsenic	mg/Kg	9.79[a]	1.00	2.00
Beryllium	mg/Kg	NE	0.050	0.10
Cadmium	mg/Kg	0.99[a]	0.20	0.40
Chromium, Trivalent	mg/Kg	43.4[a]	1.00	2.00
Chromium, Hexavalent	mg/Kg	43.4[a]	0.50	1.00
Copper	mg/Kg	31.6[a]	1.00	2.00
Lead	mg/Kg	35.8[a]	0.40	0.80
Mercury	mg/Kg	0.18[a]	0.01	0.02
Nickel	mg/Kg	22.7[a]	1.00	2.00
Selenium	mg/Kg	NE	0.50	1.00
Thallium	mg/Kg	NE	0.25	0.50
Zinc	mg/Kg	121[a]	1.00	2.00
Cyanide	mg/Kg	0.0001[c,g]	0.25	0.50
PCBs	µg/Kg	59.8[b]	13	26
Acetone	µg/Kg	8.7[d]	20	40
Benzene	µg/Kg	57[e]	5	10
Bromodichloromethane	µg/Kg	NE	5	10
Bromoform	µg/Kg	650[d,e]	5	10
Bromomethane	µg/Kg	NE	5	10
Carbon Tetrachloride	µg/Kg	47[d]	5	10
Chlorobenzene	µg/Kg	410[d]	5	10
Chloroform	µg/Kg	22[d]	5	10
Dibromochloromethane	µg/Kg	NE	5	10
1,2-Dibromo-3-chloropropane	µg/Kg	NE	5	10
1,1-Dichloroethane	µg/Kg	27[d]	5	10
1,2-Dichloroethane	µg/Kg	250[d]	5	10
1,1-Dichloroethene	µg/Kg	31[d]	5	10
cis-1,2-Dichloroethene	µg/Kg	400[d]	5	10
trans-1,2-Dichloroethene	µg/Kg	400[d]	5	10
1,2-Dichloropropane	µg/Kg	NE	5	10

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
Ethylbenzene	µg/Kg	NE	5	10
Ethylene dibromide	µg/Kg	NE	5	10
Isopropylbenzene	µg/Kg	NE	5	10
Methyl ethyl ketone	µg/Kg	NE	20	40
Methyl isobutyl ketone	µg/Kg	NE	20	40
Methyl t-butyl ether	µg/Kg	NE	5	10
Methylene chloride	µg/Kg	NE	5	10
Styrene	µg/Kg	NE	5	10
1,1,1,2-Tetrachloroethane	µg/Kg	NE	5	10
1,1,2,2-Tetrachloroethane	µg/Kg	940[e]	5	10
Tetrachloroethene	µg/Kg	410[d]	5	10
Toluene	µg/Kg	50[d]	5	10
1,1,1-Trichloroethane	µg/Kg	30[d]	5	10
1,1,2-Trichloroethane	µg/Kg	1200[d]	5	10
Trichloroethene	µg/Kg	220[d]	5	10
Vinyl chloride	µg/Kg	NE	5	10
Xylenes (total)	µg/Kg	160[d]	5	10
Acenaphthene	µg/Kg	NE	6.7	13.4
Acenaphthylene	µg/Kg	NE	6.7	13.4
Anthracene	µg/Kg	57.2[b]	6.7	13.4
Benzo(a)anthracene	µg/Kg	31.7[f]	6.7	13.4
Benzo(a)pyrene	µg/Kg	31.9[f]	6.7	13.4
Benzo(b)fluoranthene	µg/Kg	NE	6.7	13.4
Benzo(g,h,i)perylene	µg/Kg	170[g]	6.7	13.4
Benzo(k)fluoranthene	µg/Kg	240[g]	6.7	13.4
1,1-Biphenyl	µg/Kg	1100[d,e]	167	334
bis(2-ethylhexyl)phthalate	µg/Kg	89,000[d]	167	334
bis(2-chloroethyl)ether	µg/Kg	NE	167	334
bis(2-chloroisopropyl)ether	µg/Kg	NE	167	334
4-chloroaniline	µg/Kg	NE	167	334
2-Chlorophenol	µg/Kg	NE	167	334

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
Chrysene	µg/Kg	166[a]	6.7	13.4
Dibenzo(a,h)anthracene	µg/Kg	6.22[h]	6.7	13.4
o-Dichlorobenzene	µg/Kg	330[d]	167	334
m-Dichlorobenzene	µg/Kg	1700[d]	167	334
p-Dichlorobenzene	µg/Kg	340[d]	167	334
3,3-Dichlorobenzidine	µg/Kg	NE	167	334
2,4-Dichlorophenol	µg/Kg	NE	167	334
Diethyl phthalate	µg/Kg	600[d]	167	334
2,4-Dimethyl phenol	µg/Kg	NE	167	334
Dimethyl phthalate	µg/Kg	NE	167	334
2,4-Dinitrophenol	µg/Kg	NE	167	334
2,4-Dinitrotoluene	µg/Kg	NE	167	334
Fluoranthene	µg/Kg	423[a]	6.7	13.4
Fluorene	µg/Kg	77.4[a]	6.7	13.4
Hexachlorobenzene	µg/Kg	NE	167	334
Hexachlorobutadiene	µg/Kg	1000[d]	167	334
Hexachloroethane	µg/Kg	NE	167	334
Indeno(1,2,3-cd)pyrene	µg/Kg	200[g]	6.7	13.4
2-Methylnaphthalene	µg/Kg	130[d]	167	334
Naphthalene	µg/Kg	176[a]	6.7	13.4
Pentachlorophenol	µg/Kg	NE	167	334
Phenanthrene	µg/Kg	204[a]	6.7	13.4
Phenol	µg/Kg	NE	167	334
Pyrene	µg/Kg	53[h]	6.7	13.4
1,2,4-Trichlorobenzene	µg/Kg	9200[d]	167	334
2,4,5-Trichlorophenol	µg/Kg	NE	167	334
2,4,6-Trichlorophenol	µg/Kg	NE	167	334
Total Petroleum Hydrocarbons	µg/Kg	NE	10	20
2,3,7,8-TCDD	ng/Kg	NE	1.0	2.0
1,2,3,7,8-PeCDD	µg/Kg	NE	5.0	10
1,2,3,6,7,8-HxCDD	µg/Kg	NE	5.0	10

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
1,2,3,4,7,8-HxCDD	µg/Kg	NE	5.0	10
1,2,3,7,8,9-HxCDD	µg/Kg	NE	5.0	10
1,2,3,4,6,7,8-HpCDD	µg/Kg	NE	5.0	10
1,2,3,4,5,6,7,8-OCDD	µg/Kg	NE	10	20
2,3,7,8-TCDF	µg/Kg	NE	1.0	2.0
1,2,3,7,8-PeCDF	µg/Kg	NE	5.0	10
2,3,4,7,8-PeCDF	µg/Kg	NE	5.0	10
1,2,3,6,7,8-HxCDF	µg/Kg	NE	5.0	10
1,2,3,7,8,9-HxCDF	µg/Kg	NE	5.0	10
1,2,3,4,7,8-HxCDF	µg/Kg	NE	5.0	10
2,3,4,6,7,8-HxCDF	µg/Kg	NE	5.0	10
1,2.3.4.6.7.8-HpCDF	µg/Kg	NE	5.0	10
1,2,3,4,7,8,9-HpCDF	µg/Kg	NE	5.0	10
1,2,3,4,5,6,7,8-OCDF	µg/Kg	NE	10	20

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ANALYTICAL DATA REPORT

Report Number: E512E72
Project: 20051057.A10/Gorham

prepared for:

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Received Date: 12/29/2005
Report Date: 3/10/2006

Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246), CT (PH-0465), MA (M-CT008)
ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246)

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Report No: E512E72
Client: Fuss & O'Neill
Project: 20051057.A10/Gorham

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory received seven samples from Fuss & O'Neill on 12/29/2005. The samples were analyzed from the following list of analyses:

Cyanide, Total, by 9012 in GW/SW
9012[9012]
PCB's by 8082 in GW/SW
8082[3500]
Semivolatiles by 8270C for GW/SW
8270C[3500]
Trace Priority Pollutant (13) Metals in Water
6010B[3000], 7470A[245.1]
Mercury by 7471 in SW
Moisture, Percent
Pesticides by 8081A in GW/SW
8081A[3500]
Trace Priority Pollutant (13) Metals in Soil
6010B[3000], 7471[7471]

Variances:

SDG:

None reported.

Method:

None reported.

QA/QC:

Sample 1, 743051228-01, Semivolatiles by SW-846 8270C: One surrogate spike was outside quality control limits for the sample, due to matrix interference.

Sample 1, 743051228-01, Semivolatiles by SW-846 8270C: Two internal standard areas were outside quality control limits for the sample due to matrix interference.

Sample 2, 743051228-02, PCB's by 8082: One surrogate spike was outside quality control limits for the sample on the confirmation column , due to matrix interference. Both surrogates were within limits for the primary column.

Sample 2, 743051228-02, PCB's by 8082: The detection limits are elevated for the sample due to matrix interference.

Sample 2, 743051228-02, Semivolatiles by SW-846 8270C: One internal standard was outside quality control limits for the sample due to matrix interference.

Premier
Laboratory, LLC

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Report No: E512E72
Client: Fuss & O'Neill
Project: 20051057.A10/Gorham

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY (continued)

QA/QC (continued):

Sample 3, 743051228-03, Semivolatiles by SW-846 8270C: One internal standard was outside quality control limits for the sample due to matrix interference.

Sample 4, 743051228-04, PCB's by 8082: Aroclor 1260 recovery for the matrix spike/ matrix spike duplicate was above the established control limits, and only two peaks were evaluated due to matrix interference. The associated LCS recoveries were within the established quality control limits.

Sample 4, 743051228-04, PCB's by 8082: The detection limits are elevated for the sample due to matrix interference.

Sample 4, 743051228-04, Semivolatiles by SW-846 8270C: Two internal standard areas were outside quality control limits for the sample due to matrix interference.

Sample 4, 743051228-04, Trace Metals by 6010B: The matrix spike/ matrix spike duplicate recoveries for Cr, Cu, and Ni were outside of the established control limits due to matrix interference. The associated LCS recoveries were within the established quality control limits.

Sample 5C, 743051228-16, PCB's by 8082: The detection limits are elevated for the sample due to matrix interference.

Sample 6, 743051228-17, PCB's by 8082: The detection limits are elevated for the sample due to matrix interference.

Sample 6, 743051228-17, Semivolatiles by SW-846 8270C: One surrogate spike was outside quality control limits for the sample, due to matrix interference.

Sample 6, 743051228-17, Semivolatiles by SW-846 8270C: Two internal standard areas were outside quality control limits for the sample due to matrix interference.

Sample 7, 743051228-18, Semivolatiles by SW-846 8270C: Two internal standard areas were outside quality control limits for the sample due to matrix interference.

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E72
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(1) 743051228-01							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.53	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	3.2	0.47	mg/kg	01/09/06	10:54	BSZ	
Arsenic	ND	4.7	mg/kg	01/09/06	10:54	BSZ	10
Barium	380	0.47	mg/kg	01/09/06	10:54	BSZ	
Beryllium	1.4	0.047	mg/kg	01/09/06	10:54	BSZ	
Cadmium	5.7	0.095	mg/kg	01/09/06	10:54	BSZ	
Chromium	92	0.47	mg/kg	01/09/06	10:54	BSZ	
Copper	2200	4.7	mg/kg	01/09/06	10:54	BSZ	10
Lead	14000	9.5	mg/kg	01/09/06	10:54	BSZ	50
Nickel	290	0.47	mg/kg	01/09/06	10:54	BSZ	
Selenium	ND	0.47	mg/kg	01/09/06	10:54	BSZ	
Silver	85	0.095	mg/kg	01/09/06	10:54	BSZ	
Thallium	43	0.24	mg/kg	01/09/06	10:54	BSZ	
Zinc	2100	4.7	mg/kg	01/09/06	10:54	BSZ	10
Mercury by SW-846 7471 in SW	0.034	0.021	mg/kg	01/04/06		AM	
(2) 743051228-02							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.58	mg/kg	01/06/06	13:34	DDD	
Trace Metals by 6010B							
Antimony	3.3	0.52	mg/kg	01/09/06	10:59	BSZ	
Arsenic	6.6	0.52	mg/kg	01/09/06	10:59	BSZ	
Barium	180	0.52	mg/kg	01/09/06	10:59	BSZ	
Beryllium	1.0	0.052	mg/kg	01/09/06	10:59	BSZ	
Cadmium	1.4	0.10	mg/kg	01/09/06	10:59	BSZ	
Chromium	32	0.52	mg/kg	01/09/06	10:59	BSZ	
Copper	410	1.0	mg/kg	01/09/06	10:59	BSZ	2
Lead	390	0.21	mg/kg	01/09/06	10:59	BSZ	
Nickel	390	0.52	mg/kg	01/09/06	10:59	BSZ	
Selenium	ND	0.52	mg/kg	01/09/06	10:59	BSZ	
Silver	110	0.10	mg/kg	01/09/06	10:59	BSZ	
Thallium	ND	0.26	mg/kg	01/09/06	10:59	BSZ	
Zinc	230	0.52	mg/kg	01/09/06	10:59	BSZ	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E72
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(2) 743051228-02 (continued)							
Date Collected: 12/28/2005 Matrix: Solid							
Mercury by SW-846 7471 in SW	1.6	0.046	mg/kg	01/04/06		AM	2
(3) 743051228-03							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.99	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	2.4	0.89	mg/kg	01/09/06	11:25	BSZ	
Arsenic	2.1	0.89	mg/kg	01/09/06	11:25	BSZ	
Barium	510	0.89	mg/kg	01/09/06	11:25	BSZ	
Beryllium	0.56	0.089	mg/kg	01/09/06	11:25	BSZ	
Cadmium	7.8	0.18	mg/kg	01/09/06	11:25	BSZ	
Chromium	64	0.89	mg/kg	01/09/06	11:25	BSZ	
Copper	1200	8.9	mg/kg	01/09/06	11:25	BSZ	10
Lead	2900	3.6	mg/kg	01/09/06	11:25	BSZ	10
Nickel	91	0.89	mg/kg	01/09/06	11:25	BSZ	
Selenium	ND	0.89	mg/kg	01/09/06	11:25	BSZ	
Silver	250	0.18	mg/kg	01/09/06	11:25	BSZ	
Thallium	ND	0.44	mg/kg	01/09/06	11:25	BSZ	
Zinc	1400	1.8	mg/kg	01/09/06	11:25	BSZ	2
Mercury by SW-846 7471 in SW	3.9	0.20	mg/kg	01/04/06		AM	5
(4) 743051228-04							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.54	mg/kg	01/06/06		DDD	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E72
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(4) 743051228-04 (continued)							
Date Collected: 12/28/2005 Matrix: Solid							
Trace Metals by 6010B							
Antimony	ND	0.48	mg/kg	01/09/06	10:31	BSZ	
Arsenic	2.1	0.48	mg/kg	01/09/06	10:31	BSZ	
Barium	18	0.48	mg/kg	01/09/06	10:31	BSZ	
Beryllium	0.21	0.048	mg/kg	01/09/06	10:31	BSZ	
Cadmium	0.18	0.097	mg/kg	01/09/06	10:31	BSZ	
Chromium	23	0.48	mg/kg	01/09/06	10:31	BSZ	
Copper	68	0.48	mg/kg	01/09/06	10:31	BSZ	
Lead	45	0.19	mg/kg	01/09/06	10:31	BSZ	
Nickel	14	0.48	mg/kg	01/09/06	10:31	BSZ	
Selenium	ND	0.48	mg/kg	01/09/06	10:31	BSZ	
Silver	4.3	0.097	mg/kg	01/09/06	10:31	BSZ	
Thallium	ND	0.24	mg/kg	01/09/06	10:31	BSZ	
Zinc	53	0.48	mg/kg	01/09/06	10:31	BSZ	
Mercury by SW-846 7471 in SW	0.060	0.021	mg/kg	01/04/06		AM	
(5) 743051228-16							
Date Collected: 12/28/2005 Matrix: Aqueous							
Cyanide, Total, by SW-846 9012	ND	0.010	mg/L	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	ND	0.010	mg/L	01/09/06		BSZ	
Arsenic	ND	0.010	mg/L	01/09/06		BSZ	
Barium	ND	0.010	mg/L	01/09/06		BSZ	
Beryllium	ND	0.0010	mg/L	01/09/06		BSZ	
Cadmium	ND	0.0020	mg/L	01/09/06		BSZ	
Chromium	ND	0.010	mg/L	01/09/06		BSZ	
Copper	ND	0.010	mg/L	01/09/06		BSZ	
Lead	ND	0.0040	mg/L	01/09/06		BSZ	
Nickel	ND	0.010	mg/L	01/09/06		BSZ	
Selenium	ND	0.010	mg/L	01/09/06		BSZ	
Silver	ND	0.0020	mg/L	01/09/06		BSZ	
Thallium	ND	0.0050	mg/L	01/09/06		BSZ	
Zinc	ND	0.010	mg/L	01/09/06		BSZ	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	01/10/06		AM	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E72
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed		By	Dilution
(6) 743051228-17							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.61	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	4.9	0.55	mg/kg	01/09/06	11:30	BSZ	
Arsenic	11	0.55	mg/kg	01/09/06	11:30	BSZ	
Barium	3000	1.1	mg/kg	01/09/06	11:30	BSZ	2
Beryllium	0.28	0.055	mg/kg	01/09/06	11:30	BSZ	
Cadmium	1.0	0.11	mg/kg	01/09/06	11:30	BSZ	
Chromium	610	1.1	mg/kg	01/09/06	11:30	BSZ	2
Copper	4400	11	mg/kg	01/09/06	11:30	BSZ	20
Lead	160	0.22	mg/kg	01/09/06	11:30	BSZ	
Nickel	180	0.55	mg/kg	01/09/06	11:30	BSZ	
Selenium	ND	0.55	mg/kg	01/09/06	11:30	BSZ	
Silver	140	0.11	mg/kg	01/09/06	11:30	BSZ	
Thallium	ND	0.28	mg/kg	01/09/06	11:30	BSZ	
Zinc	1200	1.1	mg/kg	01/09/06	11:30	BSZ	2
Mercury by SW-846 7471 in SW	0.18	0.024	mg/kg	01/04/06		AM	
(7) 743051228-18							
Date Collected: 12/28/2005 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.63	mg/kg	01/06/06		DDD	
Trace Metals by 6010B							
Antimony	4.8	0.57	mg/kg	01/09/06	11:36	BSZ	
Arsenic	11	0.57	mg/kg	01/09/06	11:36	BSZ	
Barium	2900	1.1	mg/kg	01/09/06	11:36	BSZ	2
Beryllium	0.24	0.057	mg/kg	01/09/06	11:36	BSZ	
Cadmium	0.94	0.11	mg/kg	01/09/06	11:36	BSZ	
Chromium	590	1.1	mg/kg	01/09/06	11:36	BSZ	2
Copper	5200	11	mg/kg	01/09/06	11:36	BSZ	20
Lead	150	0.23	mg/kg	01/09/06	11:36	BSZ	
Nickel	170	0.57	mg/kg	01/09/06	11:36	BSZ	
Selenium	ND	0.57	mg/kg	01/09/06	11:36	BSZ	
Silver	140	0.11	mg/kg	01/09/06	11:36	BSZ	
Thallium	ND	0.28	mg/kg	01/09/06	11:36	BSZ	
Zinc	1100	1.1	mg/kg	01/09/06	11:36	BSZ	2

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E512E72
Date Received: 12/29/2005

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham

Parameter	Result	DL	Units	Completed	By	Dilution
(7) 743051228-18 (continued)						
Date Collected: 12/28/2005 Matrix: Solid						
Mercury by SW-846 7471 in SW	0.20	0.025	mg/kg	01/04/06	AM	

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-01

Matrix: Solid
Percent Moisture: 5.1
Sample Weight/Volume: 30.14 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010338F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	7.0
11104-28-2	Aroclor 1221	ND	7.0
11141-16-5	Aroclor 1232	ND	7.0
53469-21-9	Aroclor 1242	ND	7.0
12672-29-6	Aroclor 1248	ND	7.0
11097-69-1	Aroclor 1254	ND	7.0
11096-82-5	Aroclor 1260	ND	7.0

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	80%	17%-129%
Decachlorobiphenyl	89%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-01

Matrix: Solid
Percent Moisture: 5.1
Sample Weight/Volume: 30.14 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010617F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.70
319-84-6	alpha-BHC	ND	0.70
319-85-7	beta-BHC	ND	0.70
319-86-8	delta-BHC	ND	0.70
59-89-9	gamma-BHC (Lindane)	ND	0.70
5103-71-9	alpha-Chlordane	ND	0.70
5103-74-2	gamma-Chlordane	ND	0.70
72-54-8	4,4'-DDD	ND	0.70
72-55-9	4,4'-DDE	ND	0.70
50-29-3	4,4'-DDT	ND	0.70
60-57-1	Dieldrin	ND	0.70
33213-65-9	Endosulfan II	ND	0.70
7421-93-4	Endrin aldehyde	ND	0.70
959-98-8	Endosulfan I	ND	0.70
1031-07-8	Endosulfan sulfate	ND	0.70
72-20-8	Endrin	ND	0.70
53494-70-5	Endrin ketone	ND	0.70
76-44-8	Heptachlor	ND	0.70
1024-57-3	Heptachlor epoxide	ND	0.70
72-43-5	Methoxychlor	ND	0.70
8001-35-2	Toxaphene	ND	35

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	53%	10%-135%
Decachlorobiphenyl	59%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 1

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-01

Matrix: Solid
Percent Moisture: 5.1
Sample Weight/Volume: 29.98 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15288.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	180
83-32-9	Acenaphthene	41	7.0
208-96-8	Acenaphthylene	10	7.0
62-53-3	Aniline	ND	350
120-12-7	Anthracene	140	7.0
56-55-3	Benzo[a]anthracene	640	7.0
50-32-8	Benzo[a]pyrene	640	7.0
205-99-2	Benzo[b]fluoranthene	1100	7.0
191-24-2	Benzo[g,h,i]perylene	270	7.0
207-08-9	Benzo[k]fluoranthene	320	7.0
65-85-0	Benzoic acid	ND	880
100-51-6	Benzyl alcohol	ND	350
85-68-7	Benzyl butyl phthalate	ND	180
111-91-1	Bis(2-chloroethoxy)methane	ND	180
111-44-4	Bis(2-chloroethyl)ether	ND	180
108-60-1	Bis(2-chloroisopropyl)ether	ND	350
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180
101-55-3	4-Bromophenyl phenyl ether	ND	180
59-50-7	4-Chloro-3-methylphenol	ND	180
106-47-8	4-Chloroaniline	ND	350
91-58-7	2-Chloronaphthalene	ND	180
95-57-8	2-Chlorophenol	ND	180
7005-72-3	4-Chlorophenyl phenyl ether	ND	180
218-01-9	Chrysene	740	7.0
53-70-3	Dibenz[a,h]anthracene	60	7.0
84-74-2	Di-n-butyl phthalate	ND	350
117-84-0	Di-n-octyl phthalate	ND	180
132-64-9	Dibenzofuran	ND	350
95-50-1	1,2-Dichlorobenzene	ND	180
541-73-1	1,3-Dichlorobenzene	ND	180
106-46-7	1,4-Dichlorobenzene	ND	180
91-94-1	3,3-Dichlorobenzidine	ND	180
120-83-2	2,4-Dichlorophenol	ND	180
84-66-2	Diethyl phthalate	ND	180
131-11-3	Dimethyl phthalate	ND	180
105-67-9	2,4-Dimethylphenol	ND	180
51-28-5	2,4-Dinitrophenol	ND	180
121-14-2	2,4-Dinitrotoluene	ND	180
606-20-2	2,6-Dinitrotoluene	ND	180
206-44-0	Fluoranthene	1000	7.0
86-73-7	Fluorene	39	7.0

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 1 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-01

Matrix: Solid
Percent Moisture: 5.1
Sample Weight/Volume: 29.98 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15288.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	180
87-68-3	Hexachlorobutadiene	ND	180
77-47-4	Hexachlorocyclopentadiene	ND	180
67-72-1	Hexachloroethane	ND	180
193-39-5	Indeno[1,2,3-cd]pyrene	240	7.0
78-59-1	Isophorone	ND	180
534-52-1	2-Methyl-4,6-dinitrophenol	ND	180
91-57-6	2-Methylnaphthalene	ND	180
95-48-7	2-Methylphenol	ND	180
	3- & 4-Methylphenols	ND	180
91-20-3	Naphthalene	69	7.0
88-74-4	2-Nitroaniline	ND	350
99-09-2	3-Nitroaniline	ND	350
100-01-6	4-Nitroaniline	ND	350
98-95-3	Nitrobenzene	ND	180
88-75-5	2-Nitrophenol	ND	180
100-02-1	4-Nitrophenol	ND	180
621-64-7	N-Nitrosodi-n-propylamine	ND	180
62-75-9	N-Nitrosodimethylamine	ND	180
86-30-6	N-Nitrosodiphenylamine	ND	180
87-86-5	Pentachlorophenol	ND	350
85-01-8	Phenanthrene	740	7.0
108-95-2	Phenol	ND	180
129-00-0	Pyrene	1600	7.0
95-95-4	2,4,5-Trichlorophenol	ND	180
88-06-2	2,4,6-Trichlorophenol	ND	180
120-82-1	1,2,4-Trichlorobenzene	ND	180

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	79%	20%-117%
2-Fluorobiphenyl	79%	35%-118%
2-Fluorophenol	75%	24%-115%
4-Terphenyl-d14	138%	47%-135%
Nitrobenzene-d5	65%	39%-100%
Phenol-d6	65%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-02

Matrix: Solid
Percent Moisture: 13.1
Sample Weight/Volume: 30.05 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010339F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	7.6
11104-28-2	Aroclor 1221	ND	7.6
11141-16-5	Aroclor 1232	ND	7.6
53469-21-9	Aroclor 1242	ND	7.6
12672-29-6	Aroclor 1248	ND	7.6
11097-69-1	Aroclor 1254	ND	7.6
11096-82-5	Aroclor 1260	ND	7.6

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	69%	17%-129%
Decachlorobiphenyl	117%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-02

Matrix: Solid
Percent Moisture: 13.1
Sample Weight/Volume: 30.05 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010618F.D/8010626F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.76
319-84-6	alpha-BHC	ND	0.76
319-85-7	beta-BHC	ND	0.76
319-86-8	delta-BHC	ND	0.76
59-89-9	gamma-BHC (Lindane)	ND	0.76
5103-71-9	alpha-Chlordane	ND	0.76
5103-74-2	gamma-Chlordane	ND	0.76
72-54-8	4,4'-DDD	ND	0.76
72-55-9	4,4'-DDE	5.3	0.76
50-29-3	4,4'-DDT	22	0.76
60-57-1	Dieldrin	ND	0.76
33213-65-9	Endosulfan II	ND	0.76
7421-93-4	Endrin aldehyde	ND	0.76
959-98-8	Endosulfan I	ND	0.76
1031-07-8	Endosulfan sulfate	ND	0.76
72-20-8	Endrin	ND	0.76
53494-70-5	Endrin ketone	ND	0.76
76-44-8	Heptachlor	ND	0.76
1024-57-3	Heptachlor epoxide	ND	0.76
72-43-5	Methoxychlor	ND	0.76
8001-35-2	Toxaphene	ND	38

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	43%	10%-135%
Decachlorobiphenyl	76%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 2

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/09/06 By: JD
Method: 8270C
QC Batch#: 42223
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-02

Matrix: Solid
Percent Moisture: 13.1
Sample Weight/Volume: 29.36 g
Dilution Factor: 10
Extract Volume: 1
Lab Data File: L15294.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	2000
83-32-9	Acenaphthene	6600	78
208-96-8	Acenaphthylene	130	78
62-53-3	Aniline	ND	3900
120-12-7	Anthracene	9500	78
56-55-3	Benzo[a]anthracene	15000	78
50-32-8	Benzo[a]pyrene	13000	78
205-99-2	Benzo[b]fluoranthene	20000	78
191-24-2	Benzo[g,h,i]perylene	6100	78
207-08-9	Benzo[k]fluoranthene	4800	78
65-85-0	Benzoic acid	ND	9800
100-51-6	Benzyl alcohol	ND	3900
85-68-7	Benzyl butyl phthalate	ND	2000
111-91-1	Bis(2-chloroethoxy)methane	ND	2000
111-44-4	Bis(2-chloroethyl)ether	ND	2000
108-60-1	Bis(2-chloroisopropyl)ether	ND	3900
117-81-7	Bis(2-ethylhexyl)phthalate	ND	2000
101-55-3	4-Bromophenyl phenyl ether	ND	2000
59-50-7	4-Chloro-3-methylphenol	ND	2000
106-47-8	4-Chloroaniline	ND	3900
91-58-7	2-Chloronaphthalene	ND	2000
95-57-8	2-Chlorophenol	ND	2000
7005-72-3	4-Chlorophenyl phenyl ether	ND	2000
218-01-9	Chrysene	14000	78
53-70-3	Dibenz[a,h]anthracene	1300	78
84-74-2	Di-n-butyl phthalate	ND	3900
117-84-0	Di-n-octyl phthalate	ND	2000
132-64-9	Dibenzofuran	ND	3900
95-50-1	1,2-Dichlorobenzene	ND	2000
541-73-1	1,3-Dichlorobenzene	ND	2000
106-46-7	1,4-Dichlorobenzene	ND	2000
91-94-1	3,3-Dichlorobenzidine	ND	2000
120-83-2	2,4-Dichlorophenol	ND	2000
84-66-2	Diethyl phthalate	ND	2000
131-11-3	Dimethyl phthalate	ND	2000
105-67-9	2,4-Dimethylphenol	ND	2000
51-28-5	2,4-Dinitrophenol	ND	2000
121-14-2	2,4-Dinitrotoluene	ND	2000
606-20-2	2,6-Dinitrotoluene	ND	2000
206-44-0	Fluoranthene	34000	78
86-73-7	Fluorene	5500	78

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 2 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/09/06 By: JD
Method: 8270C
QC Batch#: 42223
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-02

Matrix: Solid
Percent Moisture: 13.1
Sample Weight/Volume: 29.36 g
Dilution Factor: 10
Extract Volume: 1
Lab Data File: L15294.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	2000
87-68-3	Hexachlorobutadiene	ND	2000
77-47-4	Hexachlorocyclopentadiene	ND	2000
67-72-1	Hexachloroethane	ND	2000
193-39-5	Indeno[1,2,3-cd]pyrene	5400	78
78-59-1	Isophorone	ND	2000
534-52-1	2-Methyl-4,6-dinitrophenol	ND	2000
91-57-6	2-Methylnaphthalene	2200	2000
95-48-7	2-Methylphenol	ND	2000
	3- & 4-Methylphenols	ND	2000
91-20-3	Naphthalene	7900	2000
88-74-4	2-Nitroaniline	ND	3900
99-09-2	3-Nitroaniline	ND	3900
100-01-6	4-Nitroaniline	ND	3900
98-95-3	Nitrobenzene	ND	2000
88-75-5	2-Nitrophenol	ND	2000
100-02-1	4-Nitrophenol	ND	2000
621-64-7	N-Nitrosodi-n-propylamine	ND	2000
62-75-9	N-Nitrosodimethylamine	ND	2000
86-30-6	N-Nitrosodiphenylamine	ND	2000
87-86-5	Pentachlorophenol	ND	3900
85-01-8	Phenanthrene	36000	78
108-95-2	Phenol	ND	2000
129-00-0	Pyrene	35000	78
95-95-4	2,4,5-Trichlorophenol	ND	2000
88-06-2	2,4,6-Trichlorophenol	ND	2000
120-82-1	1,2,4-Trichlorobenzene	ND	2000

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	56%	20%-117%
2-Fluorobiphenyl	66%	35%-118%
2-Fluorophenol	60%	24%-115%
4-Terphenyl-d14	89%	47%-135%
Nitrobenzene-d5	56%	39%-100%
Phenol-d6	45%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-03

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 29.85 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010340F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	13
11104-28-2	Aroclor 1221	ND	13
11141-16-5	Aroclor 1232	ND	13
53469-21-9	Aroclor 1242	ND	13
12672-29-6	Aroclor 1248	ND	13
11097-69-1	Aroclor 1254	ND	13
11096-82-5	Aroclor 1260	ND	13

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	46%	17%-129%
Decachlorobiphenyl	40%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-03

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 29.85 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010627F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	1.3
319-84-6	alpha-BHC	ND	1.3
319-85-7	beta-BHC	ND	1.3
319-86-8	delta-BHC	ND	1.3
59-89-9	gamma-BHC (Lindane)	ND	1.3
5103-71-9	alpha-Chlordane	ND	1.3
5103-74-2	gamma-Chlordane	ND	1.3
72-54-8	4,4'-DDD	ND	1.3
72-55-9	4,4'-DDE	ND	1.3
50-29-3	4,4'-DDT	ND	1.3
60-57-1	Dieldrin	ND	1.3
33213-65-9	Endosulfan II	ND	1.3
7421-93-4	Endrin aldehyde	ND	1.3
959-98-8	Endosulfan I	ND	1.3
1031-07-8	Endosulfan sulfate	ND	1.3
72-20-8	Endrin	ND	1.3
53494-70-5	Endrin ketone	ND	1.3
76-44-8	Heptachlor	ND	1.3
1024-57-3	Heptachlor epoxide	ND	1.3
72-43-5	Methoxychlor	ND	1.3
8001-35-2	Toxaphene	ND	66

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	32%	10%-135%
Decachlorobiphenyl	31%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 3

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/09/06 By: JD
Method: 8270C
QC Batch#: 42223
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-03

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 29.84 g
Dilution Factor: 5
Extract Volume: 1
Lab Data File: L15293.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	1600
83-32-9	Acenaphthene	880	66
208-96-8	Acenaphthylene	ND	66
62-53-3	Aniline	ND	3300
120-12-7	Anthracene	2000	66
56-55-3	Benzo[a]anthracene	2900	66
50-32-8	Benzo[a]pyrene	2200	66
205-99-2	Benzo[b]fluoranthene	3000	66
191-24-2	Benzo[g,h,i]perylene	1400	66
207-08-9	Benzo[k]fluoranthene	1300	66
65-85-0	Benzoic acid	ND	8300
100-51-6	Benzyl alcohol	ND	3300
85-68-7	Benzyl butyl phthalate	ND	1600
111-91-1	Bis(2-chloroethoxy)methane	ND	1600
111-44-4	Bis(2-chloroethyl)ether	ND	1600
108-60-1	Bis(2-chloroisopropyl)ether	ND	3300
117-81-7	Bis(2-ethylhexyl)phthalate	ND	1600
101-55-3	4-Bromophenyl phenyl ether	ND	1600
59-50-7	4-Chloro-3-methylphenol	ND	1600
106-47-8	4-Chloroaniline	ND	3300
91-58-7	2-Chloronaphthalene	ND	1600
95-57-8	2-Chlorophenol	ND	1600
7005-72-3	4-Chlorophenyl phenyl ether	ND	1600
218-01-9	Chrysene	3000	66
53-70-3	Dibenz[a,h]anthracene	280	66
84-74-2	Di-n-butyl phthalate	ND	3300
117-84-0	Di-n-octyl phthalate	ND	1600
132-64-9	Dibenzofuran	ND	3300
95-50-1	1,2-Dichlorobenzene	ND	1600
541-73-1	1,3-Dichlorobenzene	ND	1600
106-46-7	1,4-Dichlorobenzene	ND	1600
91-94-1	3,3-Dichlorobenzidine	ND	1600
120-83-2	2,4-Dichlorophenol	ND	1600
84-66-2	Diethyl phthalate	ND	1600
131-11-3	Dimethyl phthalate	ND	1600
105-67-9	2,4-Dimethylphenol	ND	1600
51-28-5	2,4-Dinitrophenol	ND	1600
121-14-2	2,4-Dinitrotoluene	ND	1600
606-20-2	2,6-Dinitrotoluene	ND	1600
206-44-0	Fluoranthene	7100	66
86-73-7	Fluorene	1000	66

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 3 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/09/06 By: JD
Method: 8270C
QC Batch#: 42223
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-03

Matrix: Solid
Percent Moisture: 49.4
Sample Weight/Volume: 29.84 g
Dilution Factor: 5
Extract Volume: 1
Lab Data File: L15293.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	1600
87-68-3	Hexachlorobutadiene	ND	1600
77-47-4	Hexachlorocyclopentadiene	ND	1600
67-72-1	Hexachloroethane	ND	1600
193-39-5	Indeno[1,2,3-cd]pyrene	1000	66
78-59-1	Isophorone	ND	1600
534-52-1	2-Methyl-4,6-dinitrophenol	ND	1600
91-57-6	2-Methylnaphthalene	ND	1600
95-48-7	2-Methylphenol	ND	1600
	3- & 4-Methylphenols	ND	1600
91-20-3	Naphthalene	1100	66
88-74-4	2-Nitroaniline	ND	3300
99-09-2	3-Nitroaniline	ND	3300
100-01-6	4-Nitroaniline	ND	3300
98-95-3	Nitrobenzene	ND	1600
88-75-5	2-Nitrophenol	ND	1600
100-02-1	4-Nitrophenol	ND	1600
621-64-7	N-Nitrosodi-n-propylamine	ND	1600
62-75-9	N-Nitrosodimethylamine	ND	1600
86-30-6	N-Nitrosodiphenylamine	ND	1600
87-86-5	Pentachlorophenol	ND	3300
85-01-8	Phenanthrene	9000	66
108-95-2	Phenol	ND	1600
129-00-0	Pyrene	8100	66
95-95-4	2,4,5-Trichlorophenol	ND	1600
88-06-2	2,4,6-Trichlorophenol	ND	1600
120-82-1	1,2,4-Trichlorobenzene	ND	1600

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	46%	20%-117%
2-Fluorobiphenyl	54%	35%-118%
2-Fluorophenol	40%	24%-115%
4-Terphenyl-d14	68%	47%-135%
Nitrobenzene-d5	43%	39%-100%
Phenol-d6	38%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-04

Matrix: Solid
Percent Moisture: 6.9
Sample Weight/Volume: 29.85 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010341F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	7.2
11104-28-2	Aroclor 1221	ND	7.2
11141-16-5	Aroclor 1232	ND	7.2
53469-21-9	Aroclor 1242	ND	7.2
12672-29-6	Aroclor 1248	ND	7.2
11097-69-1	Aroclor 1254	ND	7.2
11096-82-5	Aroclor 1260	ND	7.2

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	72%	17%-129%
Decachlorobiphenyl	86%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-04

Matrix: Solid
Percent Moisture: 6.9
Sample Weight/Volume: 29.85 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010620F.D/8010903F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.72
319-84-6	alpha-BHC	ND	0.72
319-85-7	beta-BHC	ND	0.72
319-86-8	delta-BHC	ND	0.72
59-89-9	gamma-BHC (Lindane)	ND	0.72
5103-71-9	alpha-Chlordane	2.5	0.72
5103-74-2	gamma-Chlordane	1.6	0.72
72-54-8	4,4'-DDD	ND	0.72
72-55-9	4,4'-DDE	29	0.72
50-29-3	4,4'-DDT	69	0.72
60-57-1	Dieldrin	ND	0.72
33213-65-9	Endosulfan II	ND	0.72
7421-93-4	Endrin aldehyde	ND	0.72
959-98-8	Endosulfan I	ND	0.72
1031-07-8	Endosulfan sulfate	ND	0.72
72-20-8	Endrin	ND	0.72
53494-70-5	Endrin ketone	ND	0.72
76-44-8	Heptachlor	ND	0.72
1024-57-3	Heptachlor epoxide	ND	0.72
72-43-5	Methoxychlor	ND	0.72
8001-35-2	Toxaphene	ND	36

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	63%	10%-135%
Decachlorobiphenyl	71%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 4

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-04

Matrix: Solid
Percent Moisture: 6.9
Sample Weight/Volume: 30.17 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15287.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	180
83-32-9	Acenaphthene	10	7.1
208-96-8	Acenaphthylene	27	7.1
62-53-3	Aniline	ND	360
120-12-7	Anthracene	62	7.1
56-55-3	Benzo[a]anthracene	420	7.1
50-32-8	Benzo[a]pyrene	470	7.1
205-99-2	Benzo[b]fluoranthene	680	7.1
191-24-2	Benzo[g,h,i]perylene	220	7.1
207-08-9	Benzo[k]fluoranthene	220	7.1
65-85-0	Benzoic acid	ND	890
100-51-6	Benzyl alcohol	ND	360
85-68-7	Benzyl butyl phthalate	ND	180
111-91-1	Bis(2-chloroethoxy)methane	ND	180
111-44-4	Bis(2-chloroethyl)ether	ND	180
108-60-1	Bis(2-chloroisopropyl)ether	ND	360
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180
101-55-3	4-Bromophenyl phenyl ether	ND	180
59-50-7	4-Chloro-3-methylphenol	ND	180
106-47-8	4-Chloroaniline	ND	360
91-58-7	2-Chloronaphthalene	ND	180
95-57-8	2-Chlorophenol	ND	180
7005-72-3	4-Chlorophenyl phenyl ether	ND	180
218-01-9	Chrysene	440	7.1
53-70-3	Dibenz[a,h]anthracene	62	7.1
84-74-2	Di-n-butyl phthalate	ND	360
117-84-0	Di-n-octyl phthalate	ND	180
132-64-9	Dibenzofuran	ND	360
95-50-1	1,2-Dichlorobenzene	ND	180
541-73-1	1,3-Dichlorobenzene	ND	180
106-46-7	1,4-Dichlorobenzene	ND	180
91-94-1	3,3-Dichlorobenzidine	ND	180
120-83-2	2,4-Dichlorophenol	ND	180
84-66-2	Diethyl phthalate	ND	180
131-11-3	Dimethyl phthalate	ND	180
105-67-9	2,4-Dimethylphenol	ND	180
51-28-5	2,4-Dinitrophenol	ND	180
121-14-2	2,4-Dinitrotoluene	ND	180
606-20-2	2,6-Dinitrotoluene	ND	180
206-44-0	Fluoranthene	700	7.1
86-73-7	Fluorene	14	7.1

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 4 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-04

Matrix: Solid
Percent Moisture: 6.9
Sample Weight/Volume: 30.17 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15287.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	180
87-68-3	Hexachlorobutadiene	ND	180
77-47-4	Hexachlorocyclopentadiene	ND	180
67-72-1	Hexachloroethane	ND	180
193-39-5	Indeno[1,2,3-cd]pyrene	ND	7.1
78-59-1	Isophorone	ND	180
534-52-1	2-Methyl-4,6-dinitrophenol	ND	180
91-57-6	2-Methylnaphthalene	ND	180
95-48-7	2-Methylphenol	ND	180
	3- & 4-Methylphenols	ND	180
91-20-3	Naphthalene	33	7.1
88-74-4	2-Nitroaniline	ND	360
99-09-2	3-Nitroaniline	ND	360
100-01-6	4-Nitroaniline	ND	360
98-95-3	Nitrobenzene	ND	180
88-75-5	2-Nitrophenol	ND	180
100-02-1	4-Nitrophenol	ND	180
621-64-7	N-Nitrosodi-n-propylamine	ND	180
62-75-9	N-Nitrosodimethylamine	ND	180
86-30-6	N-Nitrosodiphenylamine	ND	180
87-86-5	Pentachlorophenol	ND	360
85-01-8	Phenanthrene	240	7.1
108-95-2	Phenol	ND	180
129-00-0	Pyrene	1100	7.1
95-95-4	2,4,5-Trichlorophenol	ND	180
88-06-2	2,4,6-Trichlorophenol	ND	180
120-82-1	1,2,4-Trichlorobenzene	ND	180

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	68%	20%-117%
2-Fluorobiphenyl	75%	35%-118%
2-Fluorophenol	64%	24%-115%
4-Terphenyl-d14	122%	47%-135%
Nitrobenzene-d5	62%	39%-100%
Phenol-d6	58%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-16

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010326F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	0.20
11104-28-2	Aroclor 1221	ND	0.20
11141-16-5	Aroclor 1232	ND	0.20
53469-21-9	Aroclor 1242	ND	0.20
12672-29-6	Aroclor 1248	ND	0.20
11097-69-1	Aroclor 1254	ND	0.20
11096-82-5	Aroclor 1260	ND	0.20

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	97%	18%-127%
Decachlorobiphenyl	95%	14%-118%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/05/06 By: MP
Method: 8081A
QC Batch#: 42184
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-16

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010508F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.020
319-84-6	alpha-BHC	ND	0.020
319-85-7	beta-BHC	ND	0.020
319-86-8	delta-BHC	ND	0.020
59-89-9	gamma-BHC (Lindane)	ND	0.020
5103-71-9	alpha-Chlordane	ND	0.020
5103-74-2	gamma-Chlordane	ND	0.020
72-54-8	4,4'-DDD	ND	0.020
72-55-9	4,4'-DDE	ND	0.020
50-29-3	4,4'-DDT	ND	0.020
60-57-1	Dieldrin	ND	0.020
33213-65-9	Endosulfan II	ND	0.020
7421-93-4	Endrin aldehyde	ND	0.020
959-98-8	Endosulfan I	ND	0.020
1031-07-8	Endosulfan sulfate	ND	0.020
72-20-8	Endrin	ND	0.020
53494-70-5	Endrin ketone	ND	0.020
76-44-8	Heptachlor	ND	0.020
1024-57-3	Heptachlor epoxide	ND	0.020
72-43-5	Methoxychlor	ND	0.020
8001-35-2	Toxaphene	ND	1.0

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	98%	11%-121%
Decachlorobiphenyl	78%	9%-119%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 5

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: JD
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-16

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15271.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	5.0
83-32-9	Acenaphthene	ND	0.20
208-96-8	Acenaphthylene	ND	0.20
62-53-3	Aniline	ND	10
120-12-7	Anthracene	ND	0.20
56-55-3	Benzo[a]anthracene	ND	0.20
50-32-8	Benzo[a]pyrene	ND	0.20
205-99-2	Benzo[b]fluoranthene	ND	0.20
191-24-2	Benzo[g,h,i]perylene	ND	0.20
207-08-9	Benzo[k]fluoranthene	ND	0.20
65-85-0	Benzoic acid	ND	25
100-51-6	Benzyl alcohol	ND	10
85-68-7	Benzyl butyl phthalate	ND	5.0
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0
111-44-4	Bis(2-chloroethyl)ether	ND	5.0
108-60-1	Bis(2-chloroisopropyl)ether	ND	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND	5.0
101-55-3	4-Bromophenyl phenyl ether	ND	5.0
59-50-7	4-Chloro-3-methylphenol	ND	5.0
106-47-8	4-Chloroaniline	ND	10
91-58-7	2-Chloronaphthalene	ND	5.0
95-57-8	2-Chlorophenol	ND	5.0
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0
218-01-9	Chrysene	ND	0.20
53-70-3	Dibenz[a,h]anthracene	ND	0.20
84-74-2	Di-n-butyl phthalate	ND	5.0
117-84-0	Di-n-octyl phthalate	ND	5.0
132-64-9	Dibenzofuran	ND	10
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
91-94-1	3,3-Dichlorobenzidine	ND	5.0
120-83-2	2,4-Dichlorophenol	ND	5.0
84-66-2	Diethyl phthalate	ND	5.0
131-11-3	Dimethyl phthalate	ND	5.0
105-67-9	2,4-Dimethylphenol	ND	5.0
51-28-5	2,4-Dinitrophenol	ND	5.0
121-14-2	2,4-Dinitrotoluene	ND	5.0
606-20-2	2,6-Dinitrotoluene	ND	5.0
206-44-0	Fluoranthene	ND	0.20
86-73-7	Fluorene	ND	0.20

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 5 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/03/06 By: JD
Date Analyzed: 01/05/06 By: JD
Method: 8270C
QC Batch#: 42164
Units: ug/L

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-16

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15271.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	5.0
77-47-4	Hexachlorocyclopentadiene	ND	5.0
67-72-1	Hexachloroethane	ND	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	ND	0.20
78-59-1	Isophorone	ND	5.0
534-52-1	2-Methyl-4,6-dinitrophenol	ND	5.0
91-57-6	2-Methylnaphthalene	ND	5.0
95-48-7	2-Methylphenol	ND	5.0
	3- & 4-Methylphenols	ND	5.0
91-20-3	Naphthalene	ND	0.20
88-74-4	2-Nitroaniline	ND	10
99-09-2	3-Nitroaniline	ND	10
100-01-6	4-Nitroaniline	ND	10
98-95-3	Nitrobenzene	ND	5.0
88-75-5	2-Nitrophenol	ND	5.0
100-02-1	4-Nitrophenol	ND	5.0
621-64-7	N-Nitrosodi-n-propylamine	ND	5.0
62-75-9	N-Nitrosodimethylamine	ND	5.0
86-30-6	N-Nitrosodiphenylamine	ND	5.0
87-86-5	Pentachlorophenol	ND	10
85-01-8	Phenanthrene	ND	0.20
108-95-2	Phenol	ND	5.0
129-00-0	Pyrene	ND	0.20
95-95-4	2,4,5-Trichlorophenol	ND	5.0
88-06-2	2,4,6-Trichlorophenol	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	74%	21%-96%
2-Fluorobiphenyl	87%	20%-90%
2-Fluorophenol	50%	10%-54%
4-Terphenyl-d14	98%	20%-107%
Nitrobenzene-d5	80%	21%-91%
Phenol-d6	31%	10%-43%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-17

Matrix: Solid
Percent Moisture: 18.3
Sample Weight/Volume: 30.02 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010342F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	8.2
11104-28-2	Aroclor 1221	ND	8.2
11141-16-5	Aroclor 1232	ND	8.2
53469-21-9	Aroclor 1242	ND	8.2
12672-29-6	Aroclor 1248	ND	8.2
11097-69-1	Aroclor 1254	ND	8.2
11096-82-5	Aroclor 1260	22	8.2

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	70%	17%-129%
Decachlorobiphenyl	56%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-17

Matrix: Solid
Percent Moisture: 18.3
Sample Weight/Volume: 30.02 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010628F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.82
319-84-6	alpha-BHC	ND	0.82
319-85-7	beta-BHC	ND	0.82
319-86-8	delta-BHC	ND	0.82
59-89-9	gamma-BHC (Lindane)	ND	0.82
5103-71-9	alpha-Chlordane	4.4	0.82
5103-74-2	gamma-Chlordane	4.0	0.82
72-54-8	4,4'-DDD	ND	0.82
72-55-9	4,4'-DDE	2.7	0.82
50-29-3	4,4'-DDT	4.2	0.82
60-57-1	Dieldrin	ND	0.82
33213-65-9	Endosulfan II	ND	0.82
7421-93-4	Endrin aldehyde	ND	0.82
959-98-8	Endosulfan I	ND	0.82
1031-07-8	Endosulfan sulfate	ND	0.82
72-20-8	Endrin	ND	0.82
53494-70-5	Endrin ketone	ND	0.82
76-44-8	Heptachlor	ND	0.82
1024-57-3	Heptachlor epoxide	ND	0.82
72-43-5	Methoxychlor	ND	0.82
8001-35-2	Toxaphene	ND	41

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	49%	10%-135%
Decachlorobiphenyl	41%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 6

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-17

Matrix: Solid
Percent Moisture: 18.3
Sample Weight/Volume: 30.21 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15286.D,L15295.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	200
83-32-9	Acenaphthene	33	8.1
208-96-8	Acenaphthylene	50	8.1
62-53-3	Aniline	ND	400
120-12-7	Anthracene	140	8.1
56-55-3	Benzo[a]anthracene	510	8.1
50-32-8	Benzo[a]pyrene	450	8.1
205-99-2	Benzo[b]fluoranthene	830	8.1
191-24-2	Benzo[g,h,i]perylene	240	8.1
207-08-9	Benzo[k]fluoranthene	220	8.1
65-85-0	Benzoic acid	ND	1000
100-51-6	Benzyl alcohol	ND	400
85-68-7	Benzyl butyl phthalate	ND	200
111-91-1	Bis(2-chloroethoxy)methane	ND	200
111-44-4	Bis(2-chloroethyl)ether	ND	200
108-60-1	Bis(2-chloroisopropyl)ether	ND	400
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200
101-55-3	4-Bromophenyl phenyl ether	ND	200
59-50-7	4-Chloro-3-methylphenol	ND	200
106-47-8	4-Chloroaniline	ND	400
91-58-7	2-Chloronaphthalene	ND	200
95-57-8	2-Chlorophenol	ND	200
7005-72-3	4-Chlorophenyl phenyl ether	ND	200
218-01-9	Chrysene	560	8.1
53-70-3	Dibenz[a,h]anthracene	39	8.1
84-74-2	Di-n-butyl phthalate	36000	400
117-84-0	Di-n-octyl phthalate	ND	200
132-64-9	Dibenzofuran	ND	400
95-50-1	1,2-Dichlorobenzene	ND	200
541-73-1	1,3-Dichlorobenzene	ND	200
106-46-7	1,4-Dichlorobenzene	ND	200
91-94-1	3,3-Dichlorobenzidine	ND	200
120-83-2	2,4-Dichlorophenol	ND	200
84-66-2	Diethyl phthalate	ND	200
131-11-3	Dimethyl phthalate	ND	200
105-67-9	2,4-Dimethylphenol	ND	200
51-28-5	2,4-Dinitrophenol	ND	200
121-14-2	2,4-Dinitrotoluene	ND	200
606-20-2	2,6-Dinitrotoluene	ND	200
206-44-0	Fluoranthene	1000	8.1
86-73-7	Fluorene	49	8.1

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 6 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-17

Matrix: Solid
Percent Moisture: 18.3
Sample Weight/Volume: 30.21 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15286.D,L15295.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	200
87-68-3	Hexachlorobutadiene	ND	200
77-47-4	Hexachlorocyclopentadiene	ND	200
67-72-1	Hexachloroethane	ND	200
193-39-5	Indeno[1,2,3-cd]pyrene	190	8.1
78-59-1	Isophorone	ND	200
534-52-1	2-Methyl-4,6-dinitrophenol	ND	200
91-57-6	2-Methylnaphthalene	ND	200
95-48-7	2-Methylphenol	ND	200
	3- & 4-Methylphenols	ND	200
91-20-3	Naphthalene	49	8.1
88-74-4	2-Nitroaniline	ND	400
99-09-2	3-Nitroaniline	ND	400
100-01-6	4-Nitroaniline	ND	400
98-95-3	Nitrobenzene	ND	200
88-75-5	2-Nitrophenol	ND	200
100-02-1	4-Nitrophenol	ND	200
621-64-7	N-Nitrosodi-n-propylamine	ND	200
62-75-9	N-Nitrosodimethylamine	ND	200
86-30-6	N-Nitrosodiphenylamine	ND	200
87-86-5	Pentachlorophenol	ND	400
85-01-8	Phenanthrene	710	8.1
108-95-2	Phenol	ND	200
129-00-0	Pyrene	1600	8.1
95-95-4	2,4,5-Trichlorophenol	ND	200
88-06-2	2,4,6-Trichlorophenol	ND	200
120-82-1	1,2,4-Trichlorobenzene	ND	200

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	74%	20%-117%
2-Fluorobiphenyl	71%	35%-118%
2-Fluorophenol	67%	24%-115%
4-Terphenyl-d14	138%	47%-135%
Nitrobenzene-d5	60%	39%-100%
Phenol-d6	58%	30%-106%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/03/06 By: MP
Method: 8082
QC Batch#: 42226
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-18

Matrix: Solid
Percent Moisture: 20.9
Sample Weight/Volume: 30 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4010343F.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	8.4
11104-28-2	Aroclor 1221	ND	8.4
11141-16-5	Aroclor 1232	ND	8.4
53469-21-9	Aroclor 1242	ND	8.4
12672-29-6	Aroclor 1248	ND	8.4
11097-69-1	Aroclor 1254	ND	8.4
11096-82-5	Aroclor 1260	23	8.4

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	49%	17%-129%
Decachlorobiphenyl	36%	11%-123%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 12/30/05 By: MP
Date Analyzed: 01/06/06 By: MP
Method: 8081A
QC Batch#: 42214
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-18

Matrix: Solid
Percent Moisture: 20.9
Sample Weight/Volume: 30 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 8010629F.D

CAS No.	Parameter	Result	DL
309-00-2	Aldrin	ND	0.84
319-84-6	alpha-BHC	ND	0.84
319-85-7	beta-BHC	ND	0.84
319-86-8	delta-BHC	ND	0.84
59-89-9	gamma-BHC (Lindane)	ND	0.84
5103-71-9	alpha-Chlordane	2.7	0.84
5103-74-2	gamma-Chlordane	2.8	0.84
72-54-8	4,4'-DDD	ND	0.84
72-55-9	4,4'-DDE	2.3	0.84
50-29-3	4,4'-DDT	3.0	0.84
60-57-1	Dieldrin	ND	0.84
33213-65-9	Endosulfan II	ND	0.84
7421-93-4	Endrin aldehyde	ND	0.84
959-98-8	Endosulfan I	ND	0.84
1031-07-8	Endosulfan sulfate	ND	0.84
72-20-8	Endrin	ND	0.84
53494-70-5	Endrin ketone	ND	0.84
76-44-8	Heptachlor	ND	0.84
1024-57-3	Heptachlor epoxide	ND	0.84
72-43-5	Methoxychlor	ND	0.84
8001-35-2	Toxaphene	ND	42

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	30%	10%-135%
Decachlorobiphenyl	25%	10%-112%

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 7

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-18

Matrix: Solid
Percent Moisture: 20.9
Sample Weight/Volume: 29.96 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15285.D

CAS No.	Parameter	Result	DL
103-33-3	Azobenzene	ND	210
83-32-9	Acenaphthene	20	8.4
208-96-8	Acenaphthylene	37	8.4
62-53-3	Aniline	ND	420
120-12-7	Anthracene	80	8.4
56-55-3	Benzo[a]anthracene	370	8.4
50-32-8	Benzo[a]pyrene	350	8.4
205-99-2	Benzo[b]fluoranthene	570	8.4
191-24-2	Benzo[g,h,i]perylene	180	8.4
207-08-9	Benzo[k]fluoranthene	230	8.4
65-85-0	Benzoic acid	ND	1000
100-51-6	Benzyl alcohol	ND	420
85-68-7	Benzyl butyl phthalate	ND	210
111-91-1	Bis(2-chloroethoxy)methane	ND	210
111-44-4	Bis(2-chloroethyl)ether	ND	210
108-60-1	Bis(2-chloroisopropyl)ether	ND	420
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210
101-55-3	4-Bromophenyl phenyl ether	ND	210
59-50-7	4-Chloro-3-methylphenol	ND	210
106-47-8	4-Chloroaniline	ND	420
91-58-7	2-Chloronaphthalene	ND	210
95-57-8	2-Chlorophenol	ND	210
7005-72-3	4-Chlorophenyl phenyl ether	ND	210
218-01-9	Chrysene	450	8.4
53-70-3	Dibenz[a,h]anthracene	54	8.4
84-74-2	Di-n-butyl phthalate	ND	420
117-84-0	Di-n-octyl phthalate	ND	210
132-64-9	Dibenzofuran	ND	420
95-50-1	1,2-Dichlorobenzene	ND	210
541-73-1	1,3-Dichlorobenzene	ND	210
106-46-7	1,4-Dichlorobenzene	ND	210
91-94-1	3,3-Dichlorobenzidine	ND	210
120-83-2	2,4-Dichlorophenol	ND	210
84-66-2	Diethyl phthalate	ND	210
131-11-3	Dimethyl phthalate	ND	210
105-67-9	2,4-Dimethylphenol	ND	210
51-28-5	2,4-Dinitrophenol	ND	210
121-14-2	2,4-Dinitrotoluene	ND	210
606-20-2	2,6-Dinitrotoluene	ND	210
206-44-0	Fluoranthene	770	8.4
86-73-7	Fluorene	32	8.4

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E512E72
PL Sample No: 7 (continued)

Date Collected: 12/28/2005
Date Received: 12/29/2005
Date Extracted: 01/04/06 By: MM
Date Analyzed: 01/06/06 By: JD
Method: 8270C
QC Batch#: 42215
Units: ug/kg

Customer: Fuss & O'Neill
Location: Providence, RI
Project: 20051057.A10/Gorham
Sample Description: 743051228-18

Matrix: Solid
Percent Moisture: 20.9
Sample Weight/Volume: 29.96 g
Dilution Factor: 1
Extract Volume: 1
Lab Data File: L15285.D

CAS No.	Parameter	Result	DL
118-74-1	Hexachlorobenzene	ND	210
87-68-3	Hexachlorobutadiene	ND	210
77-47-4	Hexachlorocyclopentadiene	ND	210
67-72-1	Hexachloroethane	ND	210
193-39-5	Indeno[1,2,3-cd]pyrene	140	8.4
78-59-1	Isophorone	ND	210
534-52-1	2-Methyl-4,6-dinitrophenol	ND	210
91-57-6	2-Methylnaphthalene	ND	210
95-48-7	2-Methylphenol	ND	210
	3- & 4-Methylphenols	ND	210
91-20-3	Naphthalene	42	8.4
88-74-4	2-Nitroaniline	ND	420
99-09-2	3-Nitroaniline	ND	420
100-01-6	4-Nitroaniline	ND	420
98-95-3	Nitrobenzene	ND	210
88-75-5	2-Nitrophenol	ND	210
100-02-1	4-Nitrophenol	ND	210
621-64-7	N-Nitrosodi-n-propylamine	ND	210
62-75-9	N-Nitrosodimethylamine	ND	210
86-30-6	N-Nitrosodiphenylamine	ND	210
87-86-5	Pentachlorophenol	ND	420
85-01-8	Phenanthrene	480	8.4
108-95-2	Phenol	ND	210
129-00-0	Pyrene	970	8.4
95-95-4	2,4,5-Trichlorophenol	ND	210
88-06-2	2,4,6-Trichlorophenol	ND	210
120-82-1	1,2,4-Trichlorobenzene	ND	210

Surrogate	Recovery	Limits
2,4,6-Tribromophenol	56%	20%-117%
2-Fluorobiphenyl	53%	35%-118%
2-Fluorophenol	44%	24%-115%
4-Terphenyl-d14	90%	47%-135%
Nitrobenzene-d5	41%	39%-100%
Phenol-d6	44%	30%-106%

APPENDIX B

DATA VALIDATION COMPLETENESS CHECKLIST

FORMER GORHAM PROPERTY AND MASHAPAUG COVE PROJECT SAMPLING MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☐	☐
Groundwater field measurements (if applicable)	☐	☐
Soil sampling field measurements (if applicable)	☐	☐
Sediment sampling field measurements (if applicable)	☐	☐
Surface water sampling field measurements (if applicable)	☐	☐
Low-flow sampling field measurements (if applicable)	☐	☐
Documentation of field activities	☐	☐
Sample numbering and labeling	☐	☐
Chain-of-Custody records	☐	☐
Trip blanks	☐	☐
Duplicate samples	☐	☐
Equipment blanks	☐	☐
Split samples (if any)	☐	☐
2. LABORATORY MEASUREMENTS:		
Trip blanks	☑	☐
Instrument blanks	☑	☐
Laboratory control samples	☑	☐
Duplicates samples	☑	☐
Equipment blanks	☑	☐
Matrix spike/matrix spike duplicates	☑	☐
Analysis type	☑	☐
Chain-of-Custody records	☑	☐
Surrogate recoveries	☑	☐
Sample Project Narratives	☑	☐
Split samples (if any)	☐	☐ N/A

TOTAL: _____ _____

PERCENT COMPLETE: _____ %

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

1. SAMPLING AND FIELD MEASUREMENTS:	YES	NO	COMMENTS
Field measurement calibration records			
pH - ± 0.3 pH units	☐	☐	_____
S.C. - ± 5% of calibration solution, within calibration range?	☐	☐	_____
Temperature - ± 0.5 °C	☐	☐	_____
D.O. - ± 5% of calibration solution	☐	☐	_____
Groundwater field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	_____
Soil sampling field measurements (if applicable)			
OVM - ± 2 ppm	☐	☐	_____
OVA - ± 2 ppm	☐	☐	_____
Sediment sampling field measurements (if applicable)			
Descriptive information recorded?	☐	☐	_____
Surface water sampling field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	_____
Low-flow sampling field measurements (if applicable)			
S.C. - ± 10%	☐	☐	_____
pH - ± 0.2 pH units	☐	☐	_____
Temperature - ± 10%	☐	☐	_____
Turbidity - ±5 NTU	☐	☐	_____
Documentation of field activities			
Site-specific information documented in field notebook?	☐	☐	_____
Field data sheets completed?	☐	☐	_____
Sample numbering and labeling			
Sample numbering conforms to sample I.D. system identified in QAPP?	☐	☐	_____
Chain-of-Custody records			
Chain-of-Custody forms completed?	☐	☐	_____

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

	YES	NO	COMMENTS
Trip blanks			
Trip blanks submitted, one per day?	☐	☐	
Any compounds detected in trip blanks?	☐	☐	
Duplicate samples			
Field duplicates performed, 1/20 samples?	☐	☐	
Duplicates performed on 10% of samples screened for explosives?	☐	☐	
Is percent difference within 30% for all field parameters?	☐	☐	
Equipment blanks			
Equipment blanks submitted, one per sampling day?	☐	☐	
Any compounds detected in equipment blank?	☐	☐	
Split samples (if any)			
Split samples collected?	☐	☐	
Is percent difference within 30% for split samples?	☐	☐	

2. LABORATORY MEASUREMENTS:

Trip blanks			
Trip blanks submitted, one per day?	☑	☐	
Any compounds detected in trip blanks?	☑	☐	
Instrument blanks**	☑	☐	
Laboratory control samples**	☑	☐	
Duplicates samples**	☑	☐	
Equipment blanks**	☑	☐	
Matrix spike/matrix spike duplicates**	☑	☐	see narrative
Analysis type	☑	☐	
Chain-of-Custody records	☑	☐	
Surrogate recoveries**	☑	☐	See narrative
Sample Project Narratives	☑	☐	
Split samples (if any)**	☐	☐	N/A
Most recent EPA WP-PE sample results**	☐	☐	N/A

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Traffic Report	☐	☐	N/A
3.	Volatiles Data	☑	☐	
a.	Sample Data			
	Target Compound List (TCL) Results	☒	☐	
	Reconstructed total ion chromatograms (RIC) for each sample	☒	☐	
	For each sample:			
	Raw spectra and background-subtracted mass spectra of target compounds identified	☒	☐	
	Mass spectra of all reported TICs with three best library matches	☒	☐	
	Percent solids calculations	☒	☐	
b.	Standards Data (all instruments)			
	Initial Calibration Data	☒	☐	
	RICs and Quan Reports for all Standards	☒	☐	
	Continuing Calibration	☒	☐	
	RICs and Quan Reports for all Standards	☒	☐	
	Internal Standard Area Summary	☒	☐	
c.	Raw QC Data			
	Blank Data	☐	☐	
	Matrix Spike Data	☐	☐	
	Matrix Spike Duplicate Data	☐	☐	
4.	Semivolatiles Data			
a.	QC Summary			
	Surrogate Percent Recovery Summary	☒	☐	see variances
	MS/MSD Summary	☒	☐	see variances
	Method Blank Summary	☒	☐	
	Tuning and Mass Calibration	☒	☐	

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☒	☐	
Tentatively Identified Compounds	☐	☒	No TICs
Reconstructed total ion chromatograms (RIC) for each sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of TCL compounds	☒	☐	
Mass spectra of TICs with 3 best library matches	☐	☒	No TICs
GPC chromatograms (if GPC performed)	☐	☒	No GPC
c. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Areas Summary	☒	☐	
Internal Standard Areas Summary	☒	☐	
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☒	☐	
Blank Data	☒	☐	
Matrix Spike Data	☒	☐	
Matrix Spike Duplicate Data	☒	☐	
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☒	☐	
Internal sample & sample extract transfer chain-of custody records	☒	☐	
Screening Records	☒	☐	
All instrument output, including strip charts from screening activities (describe or list)	☒	☐	

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

	PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?** YES	NO	COMMENTS
6. Chain-of-Custody Records	☑	☐	
Sample Log-in Sheet (Lab & DC1)	☐	☐	
Miscellaneous Shipping/Receiving Records (describe or list)	☐	☐	
7. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list) ref logbook	☑	☐	
8. Other Records (describe or list)	☐	☐	

9. Comments:

** See laboratory Quality Assurance Plan for limits.

Completed by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Inorganic Analysis Data Sheet	☑	☐	
3.	Initial and Continuing Calibration Verification	☑	☐	
4.	CRDL Standard for AA and ICP	☑	☐	
5.	Blanks	☑	☐	
6.	ICP Interference Check Sample	☑	☐	
7.	Spike Sample Recovery	☑	☐	
8.	Post Digest Spike Sample Recovery	☐	☐	NA
9.	Duplicates	☑	☐	
10.	Laboratory Control Sample	☑	☐	
11.	Standard Addition Results	☐	☐	NA
12.	ICP Serial Dilutions	☑	☐	
13.	Instrument Detection Limits, Quarterly	☑	☐	
14.	ICP Interelement Correction Factors, Annually	☑	☐	
15.	ICP Linear Ranges Quarterly	☑	☐	
16.	Preparation Log	☑	☐	
17.	Analysis Run Log	☑	☐	
18.	ICP Raw Data	☑	☐	
19.	Furnace AA Raw Data	☐	☐	NA
20.	Mercury Raw Data	☑	☐	
21.	Percent Solids Calculations	☑	☐	
22.	Digestion Logs	☑	☐	
23.	EPA Shipping/Receiving Records (List all individual records)	☐	☐	
	Chain-of Custody Records	☑	☐	
	Sample Log-In sheet	☑	☐	LIMS
24.	Miscellaneous Shipping/Receiving Records (List all individual records)	☐	☑	

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

		PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**		
		YES	NO	COMMENTS
25.	Internal Lab Sample Transfer Records and Tracking Sheets (Describe or List)			
	ref. logbook	☑	☐	
		☐	☐	
26.	Internal Original Sample Preparation and analysis Records			
	(Describe or List	☐	☐	
	Preparation Records logbook	☐	☐	
	Analysis Records hard copy to e-copy	☐	☐	
	Description	☐	☐	
27.	Other Records (Describe or List)			
		☐	☐	
		☐	☐	
28.	Comments:			

** See laboratory Quality Assurance Plan for limits.

Completed by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: _____ Robert Stevenson QA Director 1-13-06
(Lab) (Signature) (Printed Name/Title) Date

ES12E72

Fuss & O'Neill Inc.
consulting engineers
Environmental Field Services

CHAIN-OF-CUSTODY RECORD № 60445

FUSS & O'NEILL, INC.
146 HARTFORD ROAD
MANCHESTER, CT 06040
(860) 646-2469

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
RIDEM - Gorham Mfg	Providence, RI	20051057.A10	Premier

REPORT TO: See APRF
INVOICE TO: ↓
P. O. #:

Source Codes: MW=Monitor Well; RO=Run Off; T=Treatment Facility; X= Other, Specify Equipment Blank; B=Bottom Sediment; O=Outfall; S=Soil; W=Well; L=Lake/Pond/Ocean; PW=Potable Water; SG=Sludge; LF=Landfill; R=River/Stream; ST=Septic Tank

SCANNED COC

ITEM NUMBER	SAMPLE NUMBER	SOURCE CODE	CONTAINER NO.	CONTAINER TYPE	CONTAINER SIZE	CONTAINER PRESERV.	ANALYSIS REQUIRED	COMMENTS	TRANSFER NUMBER & CHECK 1	2	3	4
1	743051228-01	S	2	G	4oz	I	See APRF	SS-1001	✓	✓		
2	-02							SS-1002				
3	-03							SS-1003				
4	-04							SS-1004				
5	-05	↓	↓	↓	↓	↓	*HOLD*	SS-1005				
6	-16	X	1	P	250ml	I/N	See APRF	Equipment Blank				
7	-16		1	P	1000 ml	I (CG)						
8	-16	↓	7	A	1000 ml	I		↓				
9	-17	S	2	G	4oz	I		SS-1005				
10	-18	↓	↓	↓	↓	↓	↓		↓	↓		

Container Code: P=Plastic; V=VOA Vial; C=Cube; G=Glass; A=Amber Glass; T=Teflon Lid; B=Bacteria Bottle

Preservative Code: I=Iced; F=Filtered; N=Nitric Acid [HNO_3]; H=Hydrochloric Acid [HCl]; S=Sodium Hydroxide [NaOH]; T=Sodium Thiosulfate [$Na_2S_2O_3$]; B=Sodium Bisulfate [$NaHSO_4$]; O=Sulfuric Acid [H_2SO_4]; A=Ascorbic Acid [$C_6H_8O_6$]; X=Other, Specify

Sampler's Signature	Affiliation	Date	Time
Cindy L Sauer	F+O	12/28/05	1540

ADDITIONAL COMMENTS:
* HOLD sample -05
Equipment Blank included
7.8

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-10	Cindy L Sauer	F+O Fridge	12/28/05	1550
2	1-10	F+O Fridge	[illegible]	12/29/05	1045
3	1-10	[illegible]	PC	12-29-05	1045
4	1-10		[illegible]	12-29-05	1550

F&O 500

Analytical Parameter Request

Project #: **20051057.A10**	Date Sampled: **December 28, 2005**	FUSS & O'NEILL *Disciplines to Deliver*
Project Name: **RIDEM-Gorham Mfg**	Date Submitted: **December 29, 2005**	
Laboratory: **Premier Laboratory**	Submittor: **Josh Wilson, F&O**	

Report To: **Fuss & O'Neill, Inc., Providence, RI**	Attention: **David Foss**

Invoice to: **RIDEM in accordance with laboratory's Master Price Agreement** Mailing Address: **235 Promenade Street** City, State, Zip: **Providence, RI 02908** Special Instructions: **- All samples in this APRF contain SEDIMENT/SOIL samples** **- We request that the laboratory complete the Data Validation Completeness Checklist, attached**	Attention: **Joesph Martella, II** Phone #: **401-222-4700 ext. 7109**

COC #	Sample ID	COC #	Sample ID	COC #	Sample ID
60445	743051228-01	60445	743051228-17		
	-02		-18		
	-03				
	-04				
	-05				
	-16				

Comments:

1	Blank(s) included in sample
1	Duplicate(s) included in sample

Requested Parameters

Analyses to be conducted in accordance with QAPP (revision 1.2) dated December 2005. Detection limits have been copied from QAPP and are attached. (Tables 3-2 and 3-3)

ANALYSES	SEDIMENT	SOIL
TPH (8100M)	Yes	No
VOCs (8260)	Yes	No
SVOCs (8270)	Yes	Yes
Priority Pollutant Metals (6010/7470) *	Yes	Yes
Cyanide (9012)	Yes	Yes
Pesticides (8081A)	Yes	Yes
PCBs (8082)	Yes	Yes

* Barium added per Dave Foss 1/6/06. DJ

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
Antimony	10	820	NE	NE	0.50	0.010
Arsenic	7.0	7.0	NE	NE	0.50	0.010
Beryllium	0.4	1.3	NE	NE	0.05	0.001
Cadmium	39	1,000	NE	NE	0.10	0.002
Chromium, Trivalent	1,400	10,000	NE	NE	0.50	0.010
Chromium, Hexavalent	390	10,000	NE	NE	0.50	0.050
Copper	3,100	10,000	NE	NE	0.50	0.010
Lead	150	500	NE	NE	0.20	0.004
Mercury	23	610	NE	NE	0.02	0.0002
Nickel	1,000	10,000	NE	NE	0.50	0.010
Selenium	390	10,000	NE	NE	0.50	0.010
Thallium	5.5	140	NE	NE	0.25	0.005
Zinc	6,000	10,000	NE	NE	0.50	0.010
Cyanide	200	10,000	NE	NE	0.25	0.01
PCBs	10	10	10.0	NE	0.013	0.0002
Acetone	7,800	10,000	NE	NE	0.02	0.02
Benzene	2.5	200	4.3	0.14	0.005	0.005
Bromodichloromethane	10	92	NE	NE	0.005	0.005
Bromoform	81	720	NE	NE	0.005	0.005
Bromomethane	0.8	2,900	NE	NE	0.005	0.005
Carbon Tetrachloride	1.5	44	5.0	0.07	0.005	0.005
Chlorobenzene	210	10,000	100	3.2	0.005	0.005
Chloroform	1.2	940	NE	NE	0.005	0.005
Dibromochloromethane	7.6	68	NE	NE	0.005	0.005
1,2-Dibromo-3-chloropropane	0.5	4.1	NE	0.002	0.005	0.001
1,1-Dichloroethane	920	10,000	NE	NE	0.005	0.005
1,2-Dichloroethane	0.9	63	2.3	0.11	0.005	0.005
1,1-Dichloroethene	0.2	9.5	0.7	0.007	0.005	0.005
cis-1,2-Dichloroethene	630	10,000	60	2.4	0.005	0.005

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
trans-1,2-Dichloroethene	1,100	10,000	92	2.8	0.005	0.005
1,2-Dichloropropane	1.9	84	70	3.0	0.005	0.005
Ethylbenzene	71	10,000	62	1.6	0.005	0.005
Ethylene dibromide	0.01	0.07	NE	NE	0.005	0.005
Isopropylbenzene	27	10,000	NE	NE	0.005	0.005
Methyl ethyl ketone	10,000	10,000	NE	NE	0.02	0.02
Methyl isobutyl ketone	1,200	10,000	NE	NE	0.02	0.02
Methyl t-butyl ether	390	10,000	100	5.0	0.005	0.005
Methylene chloride	45	760	NE	NE	0.005	0.005
Styrene	13	190	64	2.2	0.005	0.005
1,1,1,2-Tetrachloroethane	2.2	220	NE	NE	0.005	0.005
1,1,2,2-Tetrachloroethane	1.3	29	NE	NE	0.005	0.005
Tetrachloroethene	12	110	4.2	0.15	0.005	0.005
Toluene	190	10,000	54	1.7	0.005	0.005
1,1,1-Trichloroethane	540	10,000	160	3.1	0.005	0.005
1,1,2-Trichloroethane	3.6	100	NE	NE	0.005	0.005
Trichloroethene	13	520	20	0.54	0.005	0.005
Vinyl chloride	0.02	3.0	NE	NE	0.005	0.005
Xylenes (total)	110	10,000	NE	NE	0.005	0.005
Acenaphthene	43	10,000	NE	NE	0.167	0.005
Acenaphthylene	23	10,000	NE	NE	0.167	0.005
Anthracene	35	10,000	NE	NE	0.167	0.005
Benzo(a)anthracene	0.9	7.8	NE	NE	0.167	0.005
Benzo(a)pyrene	0.4	0.8	NE	NE	0.167	0.005
Benzo(b)fluoranthene	0.9	7.8	NE	NE	0.167	0.005
Benzo(g,h,i)perylene	0.8	10,000	NE	NE	0.167	0.005
Benzo(k)fluoranthene	0.9	78	NE	NE	0.167	0.005
1,1-Biphenyl	0.8	10,000	NE	NE	0.167	0.005
bis(2-ethylhexyl)phthalate	46	410	NE	NE	0.167	0.005

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
bis(2-chloroethyl)ether	0.6	5.2	NE	NE	0.167	0.005
bis(2-chloroisopropyl)ether	9.1	82	NE	NE	0.167	0.005
4-chloroaniline	310	8,200	NE	NE	0.167	0.005
2-Chlorophenol	50	10,000	NE	NE	0.167	0.005
Chrysene	0.4	780	NE	NE	0.167	0.005
Dibenzo(a,h)anthracene	0.4	0.8	NE	NE	0.167	0.005
o-Dichlorobenzene	510	10,000	NE	NE	0.167	0.005
m-Dichlorobenzene	430	10,000	NE	NE	0.167	0.005
p-Dichlorobenzene	27	240	NE	NE	0.167	0.005
3,3-Dichlorobenzidine	1.4	13	NE	NE	0.167	0.005
2,4-Dichlorophenol	30	6,100	NE	NE	0.167	0.005
Diethyl phthalate	340	10,000	NE	NE	0.167	0.005
2,4-Dimethyl phenol	1,400	10,000	NE	NE	0.167	0.005
Dimethyl phthalate	1,900	10,000	NE	NE	0.167	0.005
2,4-Dinitrophenol	160	4,100	NE	NE	0.167	0.005
2,4-Dinitrotoluene	0.9	8.4	NE	NE	0.167	0.005
Fluoranthene	20	10,000	NE	NE	0.167	0.005
Fluorene	28	10,000	NE	NE	0.167	0.005
Hexachlorobenzene	0.4	3.6	NE	NE	0.167	0.005
Hexachlorobutadiene	8.2	73	NE	NE	0.167	0.005
Hexachloroethane	46	410	NE	NE	0.167	0.005
Indeno(1,2,3-cd)pyrene	0.9	7.8	NE	NE	0.167	0.005
2-Methylnaphthalene	123	10,000	NE	NE	0.167	0.005
Naphthalene	54	10,000	NE	NE	0.167	0.005
Pentachlorophenol	5.3	48	NE	NE	0.167	0.005
Phenanthrene	40	10,000	NE	NE	0.167	0.005
Phenol	6,000	10,000	NE	NE	0.167	0.005
Pyrene	13	10,000	NE	NE	0.167	0.005
1,2,4-Trichlorobenzene	96	10,000	NE	NE	0.167	0.005

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
2,4,5-Trichlorophenol	330	10,000	NE	NE	0.167	0.005
2,4,6-Trichlorophenol	58	520	NE	NE	0.167	0.005
Aldrin	NE	NE	NE	NE	0.00067*	0.00002
alpha-BHC	NE	NE	NE	NE	0.00067*	0.00002
beta-BHC	NE	NE	NE	NE	0.00067*	0.00002
delta-BHC	NE	NE	NE	NE	0.00067*	0.00002
gamma-BHC (Lindane)	NE	NE	NE	NE	0.00067*	0.00002
alpha-Chlordane	NE	NE	NE	NE	0.00067*	0.00002
gamma-Chlordane	NE	NE	NE	NE	0.00067*	0.00002
4,4'-DDD	NE	NE	NE	NE	0.00067*	0.00002
4,4'-DDE	NE	NE	NE	NE	0.00067*	0.00002
4,4'-DDT	NE	NE	NE	NE	0.00067*	0.00002
Dieldrin	0.04	0.4	NE	NE	0.00067*	0.00002
Endosulfan I	NE	NE	NE	NE	0.00067*	0.00002
Endosulfan II	NE	NE	NE	NE	0.00067*	0.00002
Endosulfan sulfate	NE	NE	NE	NE	0.00067*	0.00002
Endrin	NE	NE	NE	NE	0.00067*	0.00002
Endrin aldehyde	NE	NE	NE	NE	0.00067*	0.00002
Heptachlor	NE	NE	NE	NE	0.00067*	0.00002
Heptachlor epoxide	NE	NE	NE	NE	0.00067*	0.00002
Methoxychlor	NE	NE	NE	NE	0.00067*	0.00002
Toxaphene	NE	NE	NE	NE	0.00067*	0.00002
Total Petroleum Hydrocarbons	500~~NE~~	2500~~NE~~	NE	NE	10	0.100
1,2,3,7,8-PeCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,6,7,8-HxCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,7,8-HxCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,7,8,9-HxCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,6,7,8-HpCDD	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,5,6,7,8-OCDD	NE	NE	NE	NE	0.001	0.0000001

Table 3-2
Summary of Action Levels and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Residential Direct Exposure Criteria (mg/Kg)	Industrial/Commercial Direct Exposure Criteria (mg/Kg)	GB Leachability Criteria (mg/Kg)	GB Groundwater Objectives (mg/L)	Soil Reporting Limits (mg/Kg)	Aqueous Reporting Limits (mg/L)
2,3,7,8-TCDF	NE	NE	NE	NE	0.0001	0.00000001
1,2,3,7,8-PeCDF	NE	NE	NE	NE	0.0005	0.00000005
2,3,4,7,8-PeCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,6,7,8-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,7,8,9-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,7,8-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
2,3,4,6,7,8-HxCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2.3,4,6,7,8-HpCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,7,8,9-HpCDF	NE	NE	NE	NE	0.0005	0.00000005
1,2,3,4,5,6,7,8-OCDF	NE	NE	NE	NE	0.001	0.0000001

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
Antimony	mg/Kg	2.0[b]	0.50	1.00
Arsenic	mg/Kg	9.79[a]	1.00	2.00
Beryllium	mg/Kg	NE	0.050	0.10
Cadmium	mg/Kg	0.99[a]	0.20	0.40
Chromium, Trivalent	mg/Kg	43.4[a]	1.00	2.00
Chromium, Hexavalent	mg/Kg	43.4[a]	0.50	1.00
Copper	mg/Kg	31.6[a]	1.00	2.00
Lead	mg/Kg	35.8[a]	0.40	0.80
Mercury	mg/Kg	0.18[a]	0.01	0.02
Nickel	mg/Kg	22.7[a]	1.00	2.00
Selenium	mg/Kg	NE	0.50	1.00
Thallium	mg/Kg	NE	0.25	0.50
Zinc	mg/Kg	121[a]	1.00	2.00
Cyanide	mg/Kg	0.0001[c,g]	0.25	0.50
PCBs	µg/Kg	59.8[b]	13	26
Acetone	µg/Kg	8.7[d]	20	40
Benzene	µg/Kg	57[e]	5	10
Bromodichloromethane	µg/Kg	NE	5	10
Bromoform	µg/Kg	650[d,e]	5	10
Bromomethane	µg/Kg	NE	5	10
Carbon Tetrachloride	µg/Kg	47[d]	5	10
Chlorobenzene	µg/Kg	410[d]	5	10
Chloroform	µg/Kg	22[d]	5	10
Dibromochloromethane	µg/Kg	NE	5	10
1,2-Dibromo-3-chloropropane	µg/Kg	NE	5	10
1,1-Dichloroethane	µg/Kg	27[d]	5	10
1,2-Dichloroethane	µg/Kg	250[d]	5	10
1,1-Dichloroethene	µg/Kg	31[d]	5	10
cis-1,2-Dichloroethene	µg/Kg	400[d]	5	10
trans-1,2-Dichloroethene	µg/Kg	400[d]	5	10
1,2-Dichloropropane	µg/Kg	NE	5	10

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
Ethylbenzene	µg/Kg	NE	5	10
Ethylene dibromide	µg/Kg	NE	5	10
Isopropylbenzene	µg/Kg	NE	5	10
Methyl ethyl ketone	µg/Kg	NE	20	40
Methyl isobutyl ketone	µg/Kg	NE	20	40
Methyl t-butyl ether	µg/Kg	NE	5	10
Methylene chloride	µg/Kg	NE	5	10
Styrene	µg/Kg	NE	5	10
1,1,1,2-Tetrachloroethane	µg/Kg	NE	5	10
1,1,2,2-Tetrachloroethane	µg/Kg	940[e]	5	10
Tetrachloroethene	µg/Kg	410[d]	5	10
Toluene	µg/Kg	50[d]	5	10
1,1,1-Trichloroethane	µg/Kg	30[d]	5	10
1,1,2-Trichloroethane	µg/Kg	1200[d]	5	10
Trichloroethene	µg/Kg	220[d]	5	10
Vinyl chloride	µg/Kg	NE	5	10
Xylenes (total)	µg/Kg	160[d]	5	10
Acenaphthene	µg/Kg	NE	6.7	13.4
Acenaphthylene	µg/Kg	NE	6.7	13.4
Anthracene	µg/Kg	57.2[b]	6.7	13.4
Benzo(a)anthracene	µg/Kg	31.7[f]	6.7	13.4
Benzo(a)pyrene	µg/Kg	31.9[f]	6.7	13.4
Benzo(b)fluoranthene	µg/Kg	NE	6.7	13.4
Benzo(g,h,i)perylene	µg/Kg	170[g]	6.7	13.4
Benzo(k)fluoranthene	µg/Kg	240[g]	6.7	13.4
1,1-Biphenyl	µg/Kg	1100[d,e]	167	334
bis(2-ethylhexyl)phthalate	µg/Kg	89,000[d]	167	334
bis(2-chloroethyl)ether	µg/Kg	NE	167	334
bis(2-chloroisopropyl)ether	µg/Kg	NE	167	334
4-chloroaniline	µg/Kg	NE	167	334
2-Chlorophenol	µg/Kg	NE	167	334

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
Chrysene	µg/Kg	166[a]	6.7	13.4
Dibenzo(a,h)anthracene	µg/Kg	6.22[h]	6.7	13.4
o-Dichlorobenzene	µg/Kg	330[d]	167	334
m-Dichlorobenzene	µg/Kg	1700[d]	167	334
p-Dichlorobenzene	µg/Kg	340[d]	167	334
3,3-Dichlorobenzidine	µg/Kg	NE	167	334
2,4-Dichlorophenol	µg/Kg	NE	167	334
Diethyl phthalate	µg/Kg	600[d]	167	334
2,4-Dimethyl phenol	µg/Kg	NE	167	334
Dimethyl phthalate	µg/Kg	NE	167	334
2,4-Dinitrophenol	µg/Kg	NE	167	334
2,4-Dinitrotoluene	µg/Kg	NE	167	334
Fluoranthene	µg/Kg	423[a]	6.7	13.4
Fluorene	µg/Kg	77.4[a]	6.7	13.4
Hexachlorobenzene	µg/Kg	NE	167	334
Hexachlorobutadiene	µg/Kg	1000[d]	167	334
Hexachloroethane	µg/Kg	NE	167	334
Indeno(1,2,3-cd)pyrene	µg/Kg	200[g]	6.7	13.4
2-Methylnaphthalene	µg/Kg	130[d]	167	334
Naphthalene	µg/Kg	176[a]	6.7	13.4
Pentachlorophenol	µg/Kg	NE	167	334
Phenanthrene	µg/Kg	204[a]	6.7	13.4
Phenol	µg/Kg	NE	167	334
Pyrene	µg/Kg	53[h]	6.7	13.4
1,2,4-Trichlorobenzene	µg/Kg	9200[d]	167	334
2,4,5-Trichlorophenol	µg/Kg	NE	167	334
2,4,6-Trichlorophenol	µg/Kg	NE	167	334
Total Petroleum Hydrocarbons	µg/Kg	NE	10	20
2,3,7,8-TCDD	ng/Kg	NE	1.0	2.0
1,2,3,7,8-PeCDD	µg/Kg	NE	5.0	10
1,2,3,6,7,8-HxCDD	µg/Kg	NE	5.0	10

Table 3-3
Summary of Sediment Ecological Criteria and Laboratory Reporting Limits
Premier laboratory and Severn Trent Laboratories
Former Gorham Property and Mashapaug Cove

Compound	Units	Ecological Screening Criteria	Final RL (Wet Weight)	Final RL (Dry Weight, assuming 50% solid)
1,2,3,4,7,8-HxCDD	µg/Kg	NE	5.0	10
1,2,3,7,8,9-HxCDD	µg/Kg	NE	5.0	10
1,2,3,4,6,7,8-HpCDD	µg/Kg	NE	5.0	10
1,2,3,4,5,6,7,8-OCDD	µg/Kg	NE	10	20
2,3,7,8-TCDF	µg/Kg	NE	1.0	2.0
1,2,3,7,8-PeCDF	µg/Kg	NE	5.0	10
2,3,4,7,8-PeCDF	µg/Kg	NE	5.0	10
1,2,3,6,7,8-HxCDF	µg/Kg	NE	5.0	10
1,2,3,7,8,9-HxCDF	µg/Kg	NE	5.0	10
1,2,3,4,7,8-HxCDF	µg/Kg	NE	5.0	10
2,3,4,6,7,8-HxCDF	µg/Kg	NE	5.0	10
1,2.3.4.6.7.8-HpCDF	µg/Kg	NE	5.0	10
1,2,3,4,7,8,9-HpCDF	µg/Kg	NE	5.0	10
1,2,3,4,5,6,7,8-OCDF	µg/Kg	NE	10	20

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APPENDIX B

COMPLETED MODIFIED TIER II DATA VALIDATION CHECKLISTS

Modified Tier II
Data Validation Narrative
and Certification

Project: 20051057, RIDEM/Former Gorham Manufacturing Facility

Premier Lab Project Number:	E512E72
Date Samples Received at Laboratory:	12/29/2005
Date of Review:	3/7/2006

Seven soil samples, including a field duplicate, and an aqueous equipment blank were collected and submitted to Premier Laboratory in Dayville, Connecticut. One sample was submitted on hold. The remaining samples were analyzed for cyanide, polychlorinated biphenyls (PCBs), semi-volatile organic compounds (SVOCs), pesticides, and metals. Volatile organic compounds were not constituents of concern; therefore, no trip blank was indicated.

RIDEM was on-site at the time of sampling. They performed metals screening of the soil samples using X-Ray Fluorescence (XRF).

Applicable criteria are the Residential and Industrial/Commercial Direct Exposure Criteria, GB Leachability Criteria, and GB Groundwater Objectives. Reported detection limits were low enough to compare to these criteria.

No target compounds were reported in the equipment blank. Recovery of 4-terphenyl-d14 in two of the SVOC samples was above the allowed laboratory limit, likely due to matrix interferences.

Primary and duplicate sample results were similar. Samples were analyzed within method-specified holding times. Refer to the Case Narrative Summary provided by the laboratory for specific laboratory QA/QC issues. No other deviations from the QAPP are noted.

I certify that the field and laboratory data associated with the above referenced project, to the best of my knowledge with the exceptions noted above, are compliant with the Quality Assurance Project Plan for the Former Gorham Manufacturing Facility, dated December 2005.

Certified by:

Lynne P. Matteson
QA/QC Officer

FORMER GORHAM PROPERTY AND MASHAPAUG COVE PROJECT SAMPLING
MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☑	☐
Groundwater field measurements (if applicable)	☐	☐ N/A
Soil sampling field measurements (if applicable)	☑	☐
Sediment sampling field measurements (if applicable)	☐	☐ N/A
Surface water sampling field measurements (if applicable)	☐	☐ N/A
Low-flow sampling field measurements (if applicable)	☐	☐ N/A
Documentation of field activities	☑	☐
Sample numbering and labeling	☑	☐
Chain-of-Custody records	☑	☐
Trip blanks	☐	☐ N/A
Duplicate samples	☑	☐
Equipment blanks	☑	☐
Split samples (if any)	☐	☐ N/A
2. LABORATORY MEASUREMENTS:		
Trip blanks	☐	☐ N/A
Instrument blanks	☑	☐
Laboratory control samples	☑	☐
Duplicates samples	☑	☐
Equipment blanks	☑	☐
Matrix spike/matrix spike duplicates	☑	☐
Analysis type	☑	☐
Chain-of-Custody records	☑	☐
Surrogate recoveries	☑	☐
Sample Project Narratives	☑	☐
Split samples (if any)	☐	☐ N/A
TOTAL:	16	0

PERCENT COMPLETE: 100 %

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

1. SAMPLING AND FIELD MEASUREMENTS:	YES	NO	COMMENTS
Field measurement calibration records			
~~pH - ± 0.3 pH units~~ OVM	☑	☐	
S.C. - ± 5% of calibration solution, within calibration range?	☐	☐	N/A
Temperature - ± 0.5 °C	☐	☐	↓
D.O. - ± 5% of calibration solution	☐	☐	↓
Groundwater field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	N/A
Soil sampling field measurements (if applicable)			
OVM - ± 2 ppm	☑	☐	
OVA - ± 2 ppm	☐	☐	N/A
Sediment sampling field measurements (if applicable)			
Descriptive information recorded?	☐	☐	N/A
Surface water sampling field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	N/A
Low-flow sampling field measurements (if applicable)			
S.C. - ± 10%	☐	☐	N/A
pH - ± 0.2 pH units	☐	☐	↓
Temperature - ± 10%	☐	☐	↓
Turbidity - ±5 NTU	☐	☐	↓
Documentation of field activities			
Site-specific information documented in field notebook?	☑	☐	
Field data sheets completed?	☑	☐	
Sample numbering and labeling			
Sample numbering conforms to sample I.D. system identified in QAPP?	☑	☐	
Chain-of-Custody records			
Chain-of-Custody forms completed?	☑	☐	

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

	YES	NO	COMMENTS
Trip blanks			
Trip blanks submitted, one per day?	☐	☐	N/A
Any compounds detected in trip blanks?	☐	☐	↓
Duplicate samples			
Field duplicates performed, 1/20 samples?	☑	☐	
Duplicates performed on 10% of samples screened for explosives?	☐	☐	N/A
Is percent difference within 30% for all field parameters?	☑	☐	
Equipment blanks			
Equipment blanks submitted, one per sampling day?	☑	☐	
Any compounds detected in equipment blank?	☐	☑	
Split samples (if any)			
Split samples collected?	☐	☐	N/A
Is percent difference within 30% for split samples?	☐	☐	↓

2. LABORATORY MEASUREMENTS:

Trip blanks			
Trip blanks submitted, one per day?	☐	☐	N/A
Any compounds detected in trip blanks?	☐	☐	↓
Instrument blanks**	☑	☐	
Laboratory control samples**	☑	☐	
Duplicates samples**	☑	☐	
Equipment blanks**	☑	☐	
Matrix spike/matrix spike duplicates**	☑	☐	
Analysis type	☑	☐	
Chain-of-Custody records	☑	☐	
Surrogate recoveries**	☑	☐	
Sample Project Narratives	☑	☐	
Split samples (if any)**	☐	☐	N/A
Most recent EPA WP-PE sample results**	☑	☐	

Modified Tier II
Data Validation Narrative
and Certification

Project: 20051057, RIDEM/Former Gorham Manufacturing Facility

Premier Lab Project Number:	E512E71
Date Samples Received at Laboratory:	12/29/2005
Date of Review:	3/7/2006

Six sediment samples, including a field duplicate, and aqueous trip and equipment blanks were collected and submitted to Premier Laboratory in Dayville, Connecticut. The sediment samples and equipment blank were analyzed for cyanide, polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, and metals. No VOCs were reported in the trip blank.

Results were compared to applicable ecological screening benchmarks as listed in the QAPP. Reported detection limits were generally low enough to compare to these criteria.

The equipment blank reportedly contained trace amounts of copper and zinc. Results reported for the primary and duplicate samples were generally similar. Elevated relative percent differences were calculated for antimony; acenaphthene; and indeno[1,2,3-cd]pyrene. These results were attributed to sample heterogeneity and/or matrix interference.

Samples were analyzed within method-specified holding times. Refer to the Case Narrative Summary provided by the laboratory for specific laboratory QA/QC issues. No other deviations from the QAPP are noted.

I certify that the field and laboratory data associated with the above referenced project, to the best of my knowledge with the exceptions noted above, are compliant with the Quality Assurance Project Plan for the Former Gorham Manufacturing Facility, dated December 2005.

Certified by:

Lynne P. Matteson
QA/QC Officer

FORMER GORHAM PROPERTY AND MASHAPAUG COVE PROJECT SAMPLING MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO	
1. SAMPLING AND FIELD MEASUREMENTS:			
Field measurement calibration records	☑	☐	
Groundwater field measurements (if applicable)	☐	☐	N/A
Soil sampling field measurements (if applicable)	☐	☐	N/A
Sediment sampling field measurements (if applicable)	☑	☐	
Surface water sampling field measurements (if applicable)	☑	☐	
Low-flow sampling field measurements (if applicable)	☐	☐	N/A
Documentation of field activities	☑	☐	
Sample numbering and labeling	☑	☐	
Chain-of-Custody records	☑	☐	
Trip blanks	☑	☐	
Duplicate samples	☑	☐	
Equipment blanks	☑	☐	
Split samples (if any)	☐	☐	N/A
2. LABORATORY MEASUREMENTS:			
Trip blanks	☑	☐	
Instrument blanks	☑	☐	
Laboratory control samples	☑	☐	
Duplicates samples	☑	☐	
Equipment blanks	☑	☐	
Matrix spike/matrix spike duplicates	☑	☐	
Analysis type	☑	☐	
Chain-of-Custody records	☑	☐	
Surrogate recoveries	☑	☐	
Sample Project Narratives	☑	☐	
Split samples (if any)	☐	☐	N/A
TOTAL:	19	0	

PERCENT COMPLETE: 100 %

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

1. SAMPLING AND FIELD MEASUREMENTS:	YES	NO	COMMENTS
Field measurement calibration records			
pH - ± 0.3 pH units	☑	☐	
S.C. - ± 5% of calibration solution, within calibration range?	☑	☐	
Temperature - ± 0.5 °C	☑	☐	
D.O. - ± 5% of calibration solution	☑	☐	
Groundwater field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	N/A
Soil sampling field measurements (if applicable)			
OVM - ± 2 ppm	☐	☐	N/A
OVA - ± 2 ppm	☐	☐	↓
Sediment sampling field measurements (if applicable)			
Descriptive information recorded?	☑	☐	
Surface water sampling field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☑	☐	
Low-flow sampling field measurements (if applicable)			
S.C. - ± 10%	☐	☐	N/A
pH - ± 0.2 pH units	☐	☐	↓
Temperature - ± 10%	☐	☐	↓
Turbidity - ±5 NTU	☐	☐	↓
Documentation of field activities			
Site-specific information documented in field notebook?	☑	☐	
Field data sheets completed?	☑	☐	
Sample numbering and labeling			
Sample numbering conforms to sample I.D. system identified in QAPP?	☑	☐	
Chain-of-Custody records			
Chain-of-Custody forms completed?	☑	☐	

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

	YES	NO	COMMENTS
Trip blanks			
Trip blanks submitted, one per day?	☑	☐	
Any compounds detected in trip blanks?	☐	☑	
Duplicate samples			
Field duplicates performed, 1/20 samples?	☑	☐	
Duplicates performed on 10% of samples screened for explosives?	☐	☐	N/A
Is percent difference within 30% for all field parameters?	☑	☐	
Equipment blanks			
Equipment blanks submitted, one per sampling day?	☑	☐	
Any compounds detected in equipment blank?	☑	☐	Cu 0.011 mg/L Zn 0.018 mg/L
Split samples (if any)			
Split samples collected?	☐	☐	~~N/A~~
Is percent difference within 30% for split samples?	☐	☐	↓

2. LABORATORY MEASUREMENTS:

Trip blanks			
Trip blanks submitted, one per day?	☑	☐	
Any compounds detected in trip blanks?	☐	☑	
Instrument blanks**	☑	☐	
Laboratory control samples**	☑	☐	
Duplicates samples**	☑	☐	
Equipment blanks**	☑	☐	
Matrix spike/matrix spike duplicates**	☑	☐	
Analysis type	☑	☐	
Chain-of-Custody records	☑	☐	
Surrogate recoveries**	☑	☐	
Sample Project Narratives	☑	☐	
Split samples (if any)**	☐	☐	N/A
Most recent EPA WP-PE sample results**	☑	☐	

Modified Tier II
Data Validation Narrative
and Certification

Project: 20051057, RIDEM/Former Gorham Manufacturing Facility

Severn-Trent Lab Project Number:	G5L300272
Date Samples Received at Laboratory:	12/30/2005
Date of Review:	3/9/2006

Fifteen samples; including seven soil, six sediment, and two equipment blanks; were collected and submitted to Severn-Trent Labs (STL) in Sacramento, California for analysis of dioxins and furans. Two of the samples, one soil and one sediment, were field duplicates. One soil sample was submitted on hold. Volatile organic compounds (VOCs) were not analyzed by STL; therefore, no trip blanks were indicated.

Results were compared to applicable ecological screening benchmarks as listed in the QAPP. Reported detection limits were low enough to compare to these criteria.

No target compounds were reported in the equipment blanks. Results reported for the primary and duplicate samples were generally similar. Elevated relative percent differences were calculated for 2,3,7,8-TCDD; total TCDD; 1,2,3,7,8-PeCDD, and total PeCDD in the sediment pair. These results were attributed to sample heterogeneity.

"JA" qualifiers were applied to results for 2,3,7,8-TCDD due to the ion abundance ratio being outside of criteria. This isomer has been positively identified as an estimated quantity due to the quantitation method used.

Samples were analyzed within method-specified holding times. Internal standard recoveries and lab control samples were satisfactory. Refer to the Case Narrative Summary provided by the laboratory for specific laboratory QA/QC issues. No other deviations from the QAPP are noted.

I certify that the field and laboratory data associated with the above referenced project, to the best of my knowledge with the exceptions noted above, are compliant with the Quality Assurance Project Plan for the Former Gorham Manufacturing Facility, dated December 2005.

Certified by:

Lynne P. Matteson
QA/QC Officer

FORMER GORHAM PROPERTY AND MASHAPAUG COVE PROJECT SAMPLING MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☑	☐
Groundwater field measurements (if applicable)	☐	☐ N/A
Soil sampling field measurements (if applicable)	☑	☐
Sediment sampling field measurements (if applicable)	☑	☐
Surface water sampling field measurements (if applicable)	☐	☐ N/A
Low-flow sampling field measurements (if applicable)	☐	☐ N/A
Documentation of field activities	☑	☐
Sample numbering and labeling	☑	☐
Chain-of-Custody records	☑	☐
Trip blanks	☐	☐ N/A
Duplicate samples	☑	☐
Equipment blanks	☑	☐
Split samples (if any)	☐	☐ N/A
2. LABORATORY MEASUREMENTS:		
Trip blanks	☐	☐ N/A
Instrument blanks	☑	☐
Laboratory control samples	☑	☐
Duplicates samples	☑	☐
Equipment blanks	☑	☐
Matrix spike/matrix spike duplicates	☑	☐
Analysis type	☑	☐
Chain-of-Custody records	☑	☐
Surrogate recoveries	☑	☐
Sample Project Narratives	☑	☐
Split samples (if any)	☐	☐ N/A
TOTAL:	17	0

PERCENT COMPLETE: 100 %

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

1. SAMPLING AND FIELD MEASUREMENTS:	YES	NO	COMMENTS
Field measurement calibration records			
pH - ± 0.3 pH units	☑	☐	
S.C. - ± 5% of calibration solution, within calibration range?	☑	☐	
Temperature - ± 0.5 °C	☑	☐	
D.O. - ± 5% of calibration solution	☑	☐	
Groundwater field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	N/A
Soil sampling field measurements (if applicable)			
OVM - ± 2 ppm	☑	☐	
OVA - ± 2 ppm	☐	☐	N/A
Sediment sampling field measurements (if applicable)			
Descriptive information recorded?	☑	☐	
Surface water sampling field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	N/A
Low-flow sampling field measurements (if applicable)			
S.C. - ± 10%	☐	☐	N/A
pH - ± 0.2 pH units	☐	☐	↓
Temperature - ± 10%	☐	☐	↓
Turbidity - ±5 NTU	☐	☐	↓
Documentation of field activities			
Site-specific information documented in field notebook?	☑	☐	
Field data sheets completed?	☑	☐	
Sample numbering and labeling			
Sample numbering conforms to sample I.D. system identified in QAPP?	☑	☐	
Chain-of-Custody records			
Chain-of-Custody forms completed?	☑	☐	

FORMER GORHAM PROPERTY AND MASHAPAUG COVE
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

	YES	NO	COMMENTS
Trip blanks			
Trip blanks submitted, one per day?	☑	☐	N/A
Any compounds detected in trip blanks?	☐	☐	↓
Duplicate samples			
Field duplicates performed, 1/20 samples?	☑	☐	
Duplicates performed on 10% of samples screened for explosives?	☐	☐	N/A
Is percent difference within 30% for all field parameters?	☑	☐	
Equipment blanks			
Equipment blanks submitted, one per sampling day?	☑	☐	
Any compounds detected in equipment blank?	☐	☑	
Split samples (if any)			
Split samples collected?	☐	☐	N/A
Is percent difference within 30% for split samples?	☐	☐	↓

2. LABORATORY MEASUREMENTS:

Trip blanks			
Trip blanks submitted, one per day?	☐	☐	N/A
Any compounds detected in trip blanks?	☐	☐	↓
Instrument blanks**	☑	☐	
Laboratory control samples**	☑	☐	
Duplicates samples**	☑	☐	
Equipment blanks**	☑	☐	
Matrix spike/matrix spike duplicates**	☑	☐	
Analysis type	☑	☐	
Chain-of-Custody records	☑	☐	
Surrogate recoveries**	☑	☐	
Sample Project Narratives	☑	☐	
Split samples (if any)**	☐	☐	N/A
Most recent EPA WP-PE sample results**	☐	☐	N/A