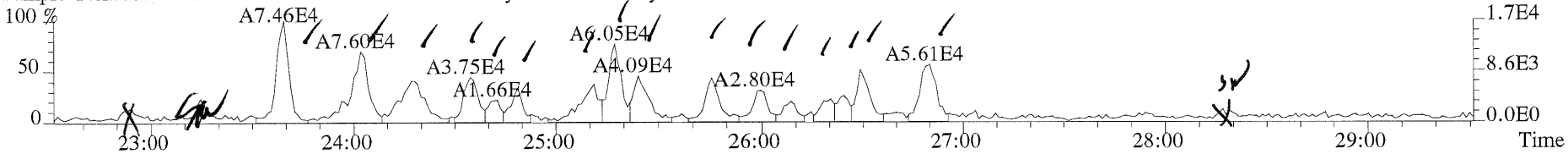
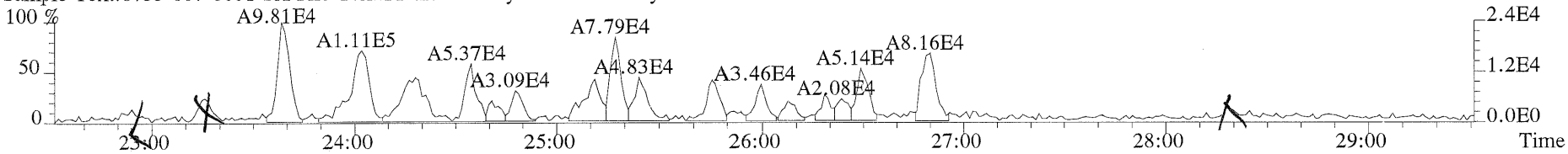
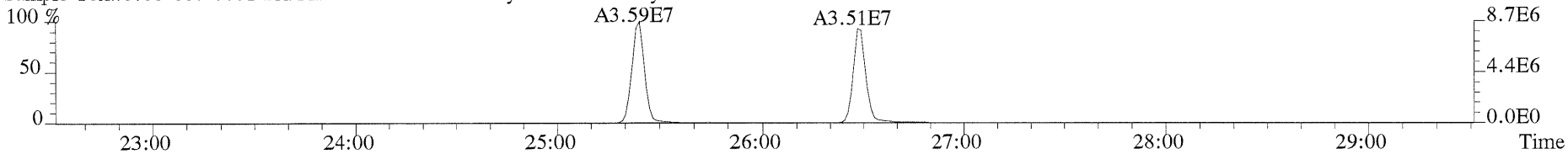
File:10MAY11M #1-426 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



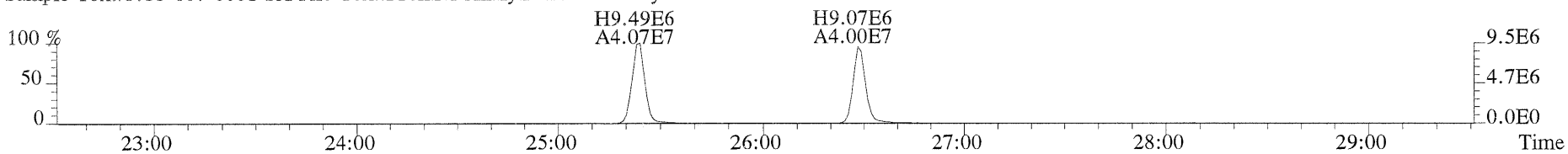
File:10MAY11M #1-426 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



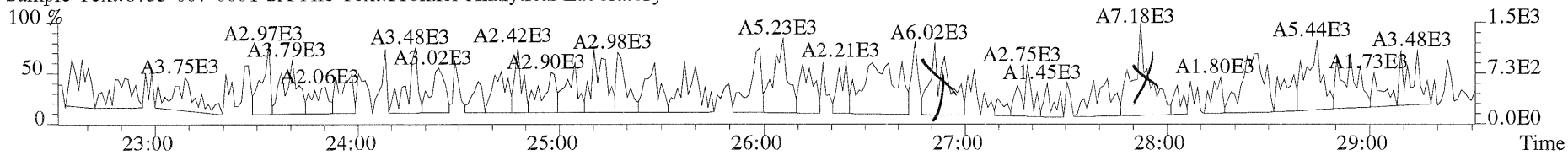
File:10MAY11M #1-426 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



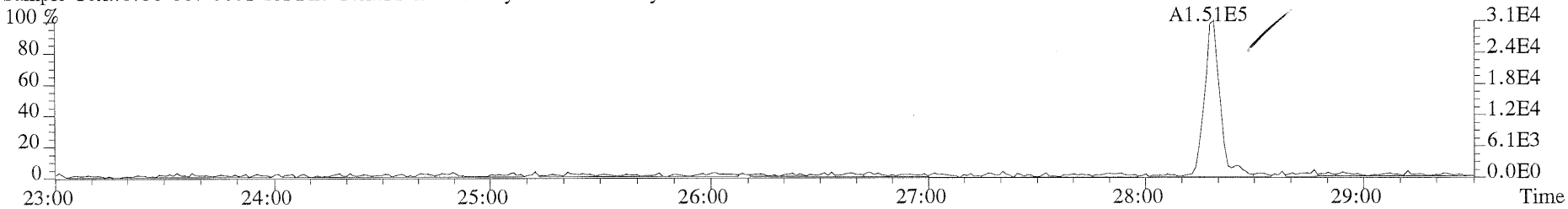
File:10MAY11M #1-426 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



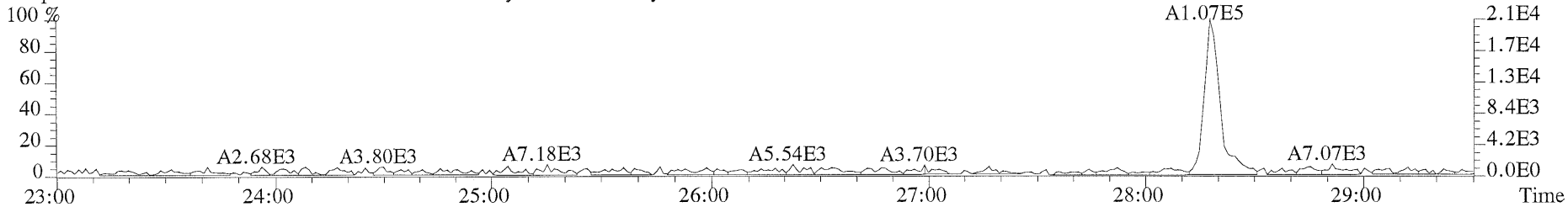
File:10MAY11M #1-426 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



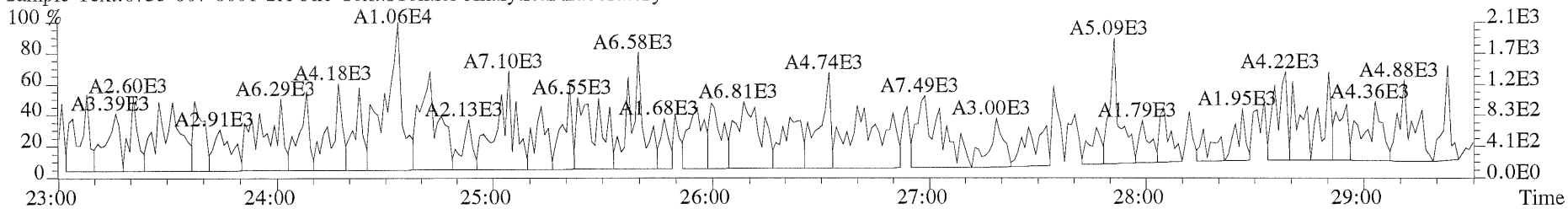
File:10MAY11M #1-426 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



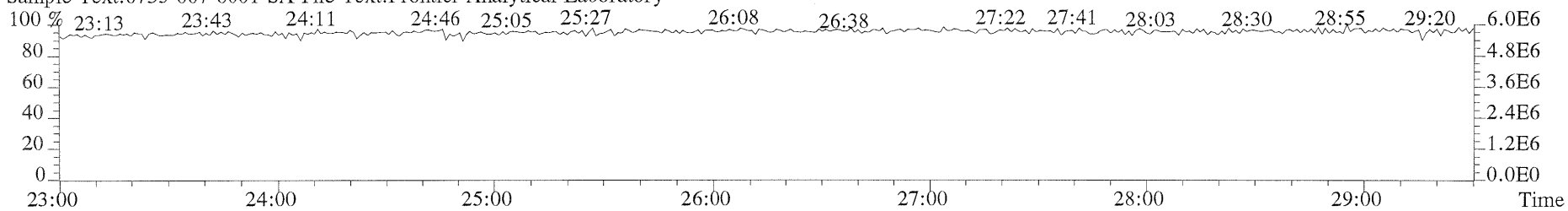
File:10MAY11M #1-426 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



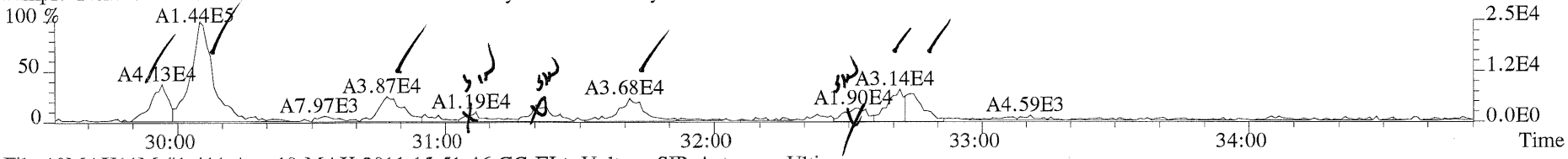
File:10MAY11M #1-426 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



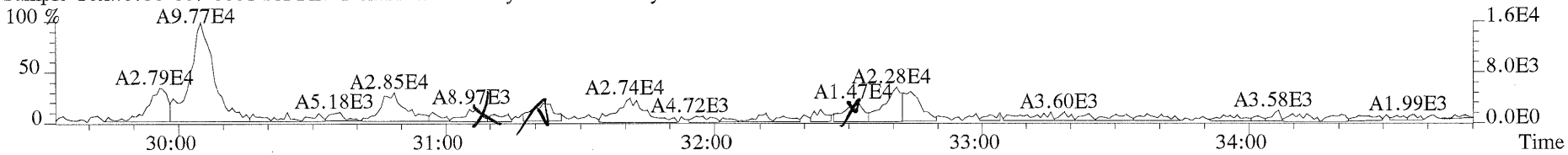
File:10MAY11M #1-426 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:7 Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



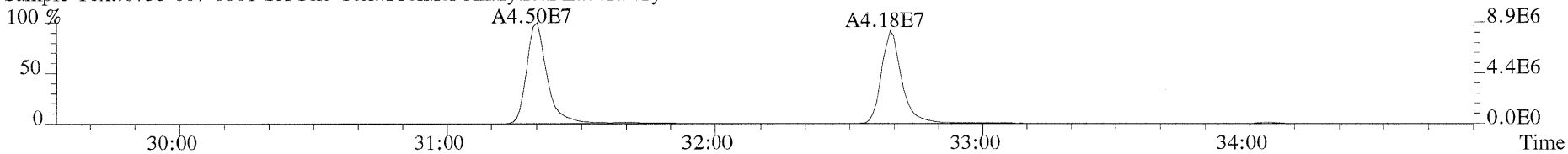
File:10MAY11M #1-411 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



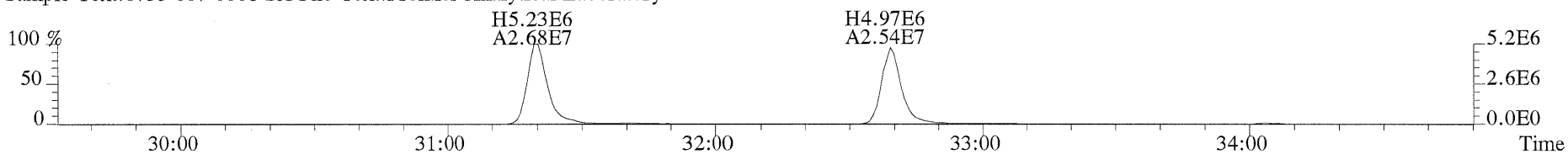
File:10MAY11M #1-411 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



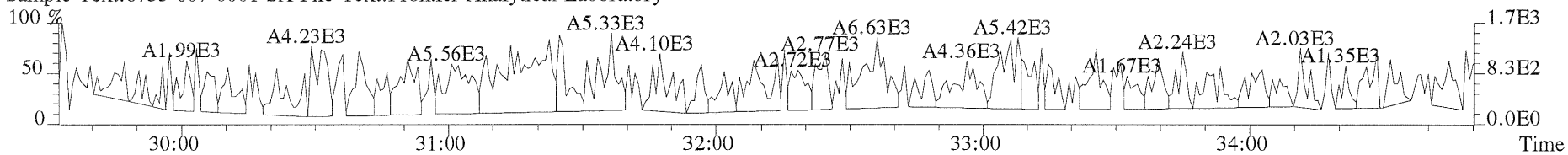
File:10MAY11M #1-411 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



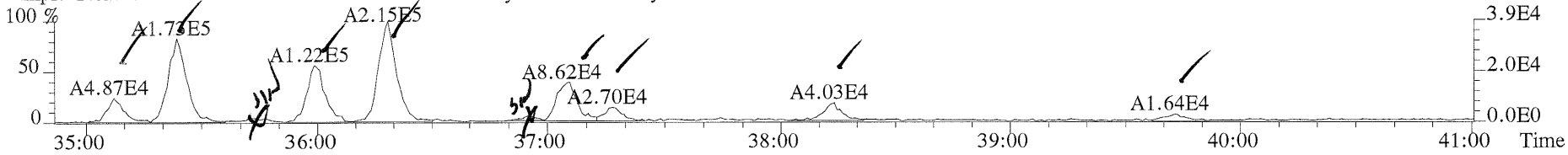
File:10MAY11M #1-411 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



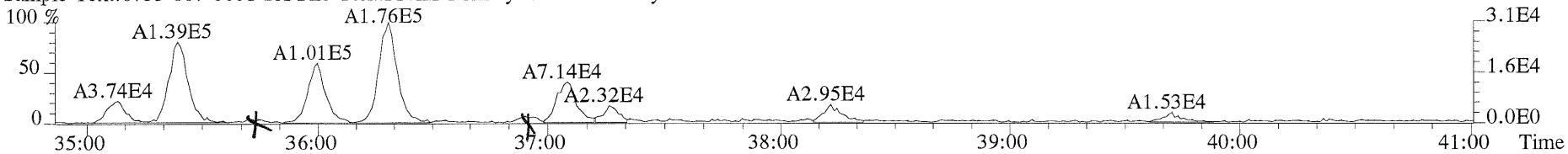
File:10MAY11M #1-411 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



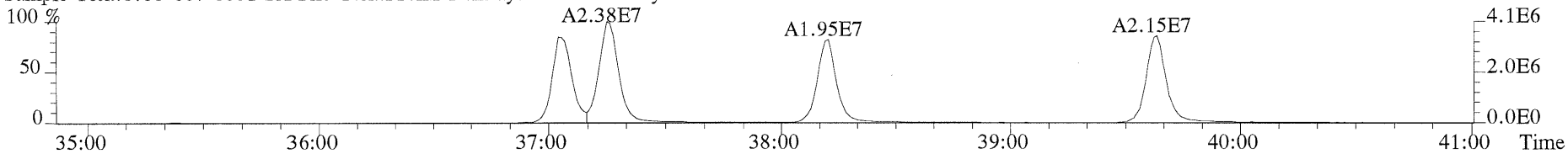
File:10MAY11M #1-477 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



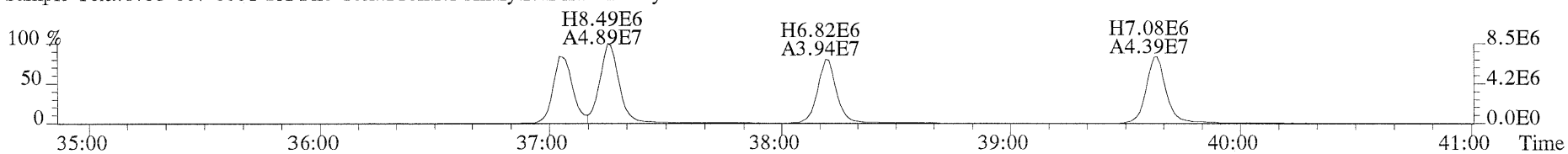
File:10MAY11M #1-477 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



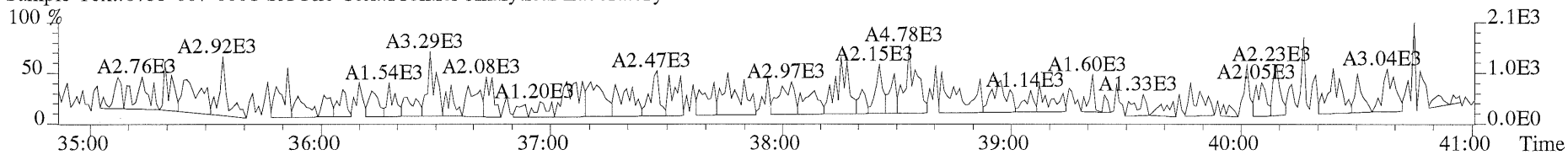
File:10MAY11M #1-477 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



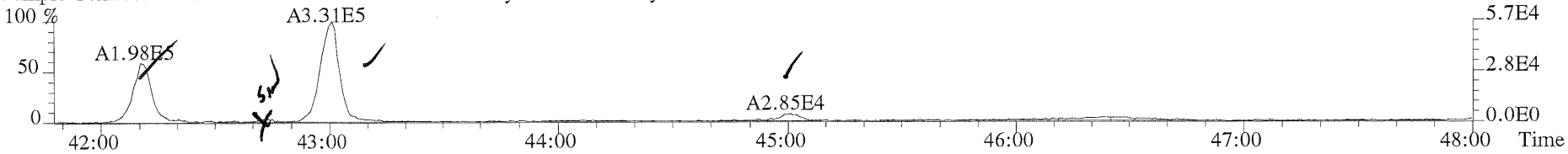
File:10MAY11M #1-477 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



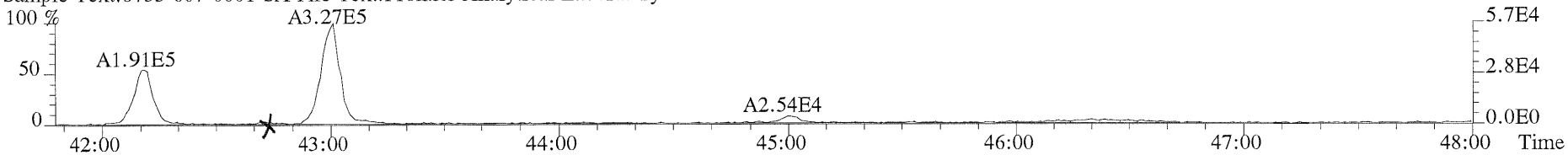
File:10MAY11M #1-477 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



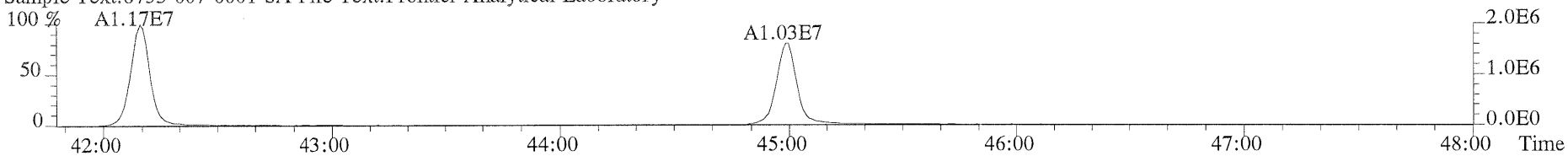
File:10MAY11M #1-541 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



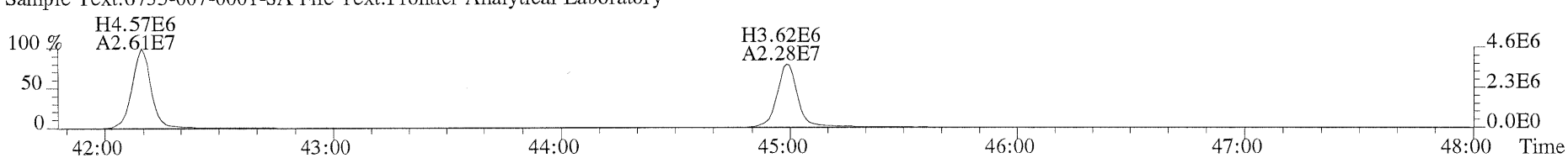
File:10MAY11M #1-541 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



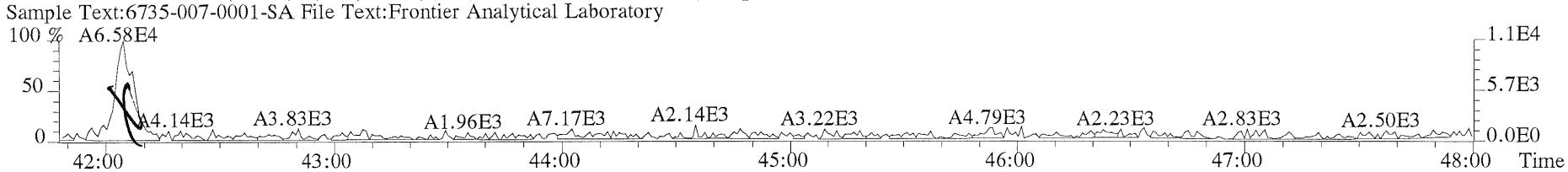
File:10MAY11M #1-541 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



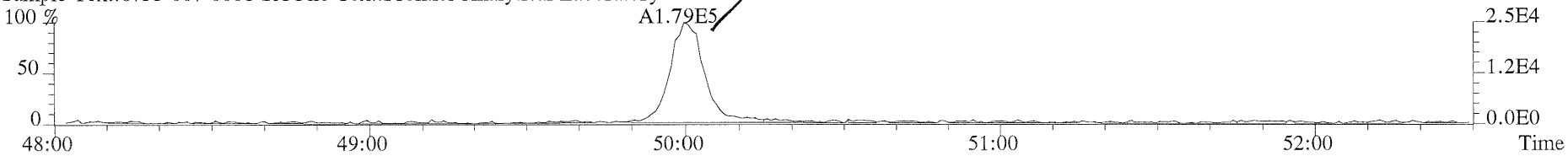
File:10MAY11M #1-541 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



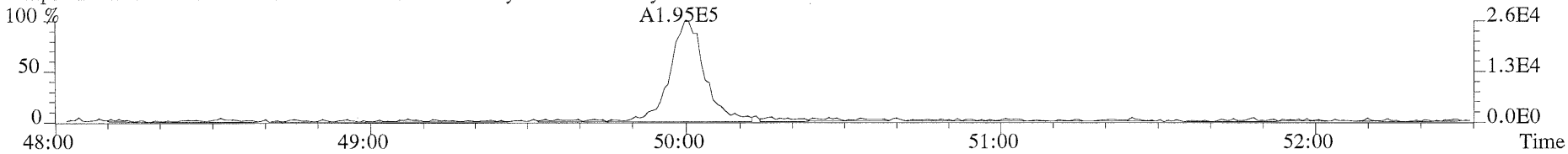
File:10MAY11M #1-541 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



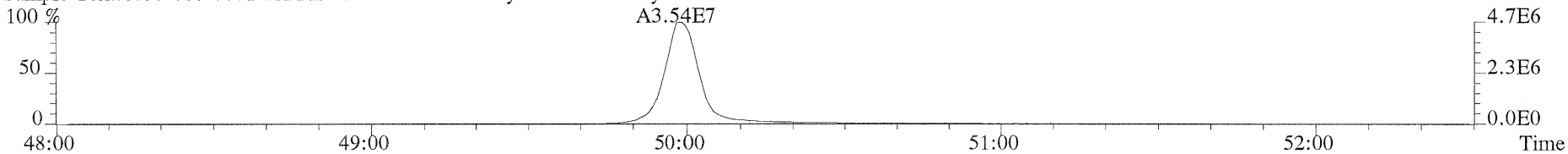
File:10MAY11M #1-347 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



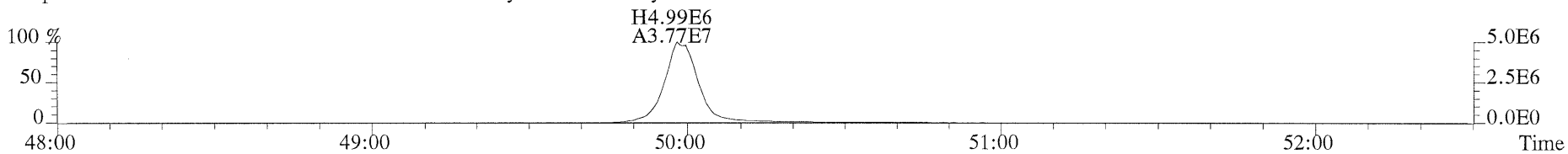
File:10MAY11M #1-347 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



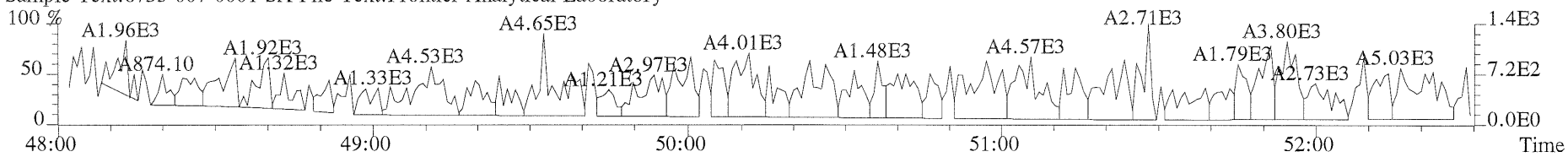
File:10MAY11M #1-347 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-347 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-347 Acq:10-MAY-2011 15:51:46 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-007-0001-SA File Text:Frontier Analytical Laboratory



FAL ID: 6735-008-0001-SA Filename: 10MAY11M Sam:12 Acquired: 10-MAY-11 20:28:29 ICal: PCDDFAL3-3-7-11
Client ID: DMA-TP4-0-1.5-042011 ConCal: ST051011M1 EndCal: ST051011M2
Results: 6735 GC Column: DB5 Amount: 4.990 ✓ NATO 1989 Tox: 57.6 WHO 1998 Tox: 61.0 WHO 2005 Tox: ~~59.8~~ 64.5 DJN 5/12/11

Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	2.96e+05	0.78 y	27:15	1.13	5.61		2.50	-	-	*
1,2,3,7,8-PeCDD	4.56e+05	1.51 y	33:08	1.02	9.00		2.50	-	-	*
1,2,3,4,7,8-HxCDD	1.17e+06	1.28 y	38:29	1.45	18.2		2.50	-	-	*
1,2,3,6,7,8-HxCDD	3.96e+06	1.29 y	38:40	1.45	72.5		2.50	-	-	*
1,2,3,7,8,9-HxCDD	2.11e+06	1.24 y	39:06	1.47	35.1		2.50	-	-	*
1,2,3,4,6,7,8-HpCDD	1.09e+08	0.91 y	44:07	1.30	1820		2.50	-	-	*
OCDD	*	* n	NotFnd	1.45	16,800 *	*	2.50	-	-	*
2,3,7,8-TCDF	7.55e+05	0.67 y	26:29	1.15	8.41 5.48 DOD05	F	2.50	-	-	*
1,2,3,7,8-PeCDF	3.19e+05	1.48 y	31:23	0.89	4.44	J	2.50	-	-	*
2,3,4,7,8-PeCDF	4.93e+05	1.52 y	32:42	0.89	7.17		2.50	-	-	*
1,2,3,4,7,8-HxCDF	2.25e+06	1.25 y	37:06	1.01	27.5		2.50	-	-	*
1,2,3,6,7,8-HxCDF	1.13e+06	1.27 y	37:18	0.89	13.7		2.50	-	-	*
2,3,4,6,7,8-HxCDF	1.60e+06	1.23 y	38:15	1.02	20.4		2.50	-	-	*
1,2,3,7,8,9-HxCDF	3.07e+05	1.08 y	39:44	1.10	3.41	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDF	2.84e+07	1.07 y	42:13	1.48	412		2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	1.49e+06	1.04 y	45:02	1.43	23.1		2.50	-	-	*
OCDF	5.58e+07	0.91 y	50:03	0.84	1150		2.50	-	-	*
										Rec
13C-2,3,7,8-TCDD	1.86e+07	0.79 y	27:14	1.03	394					98.4
13C-1,2,3,7,8-PeCDD	2.00e+07	1.75 y	33:06	1.01	431					107
13C-1,2,3,4,7,8-HxCDD	1.77e+07	1.25 y	38:29	1.19	342					85.2
13C-1,2,3,6,7,8-HxCDD	1.51e+07	1.25 y	38:39	0.94	369					92.0
13C-1,2,3,4,6,7,8-HpCDD	1.83e+07	1.05 y	44:06	0.83	509					127
13C-OCDD	*	* n	NotFnd	0.61	*	*				* 113 ✓
13C-2,3,7,8-TCDF	3.14e+07	0.86 y	26:27	0.98	424					106
13C-1,2,3,7,8-PeCDF	3.25e+07	1.66 y	31:22	0.83	520					130
13C-2,3,4,7,8-PeCDF	3.09e+07	1.68 y	32:41	0.80	509					127
13C-1,2,3,4,7,8-HxCDF	3.25e+07	0.49 y	37:05	1.84	405					101
13C-1,2,3,6,7,8-HxCDF	3.73e+07	0.49 y	37:17	2.29	373					93.1
13C-2,3,4,6,7,8-HxCDF	3.09e+07	0.49 y	38:13	1.86	381					95.1
13C-1,2,3,7,8,9-HxCDF	3.27e+07	0.50 y	39:39	1.98	378					94.3
13C-1,2,3,4,6,7,8-HpCDF	1.86e+07	0.47 y	42:11	0.99	433					108
13C-1,2,3,4,7,8,9-HpCDF	1.81e+07	0.45 y	45:01	0.77	541					135
13C-OCDF	4.59e+07	0.95 y	50:01	1.17	904					113
37Cl-2,3,7,8-TCDD	5.45e+06		27:15	0.73	162					101
13C-1,2,3,4-TCDD	1.84e+07	0.79 y	26:39	-	9.71					
13C-1,2,3,4-TCDF	3.02e+07	0.88 y	25:21	-	8.42					
13C-1,2,3,7,8,9-HxCDD	1.75e+07	1.25 y	39:05	-	14.1					

						Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	2.49e+06		24:12	1.13	47.3	2.50	-	-	*		14
Total Penta-Dioxins	9.10e+06		30:07	1.02	180	2.50	-	-	*		10
Total Hexa-Dioxins	3.44e+07		36:02	1.46	582	2.50	-	-	*		8
Total Hepta-Dioxins	2.06e+08		42:44	1.30	3470	2.50	-	-	*		2
Total Tetra-Furans	1.19e+07		23:11	1.15	133	2.50	-	-	*		18
1st Fn. Tot Penta-Furans	3.29e+06		28:19	0.89	46.8	2.50	-	-	*	PeCDF	1
Total Penta-Furans	7.21e+06		29:57	0.89	103	2.50	-	-	*	~~140~~ DJN 150	11
Total Hexa-Furans	3.49e+07		35:09	1.00	421	2.50	-	-	*		11
Total Hepta-Furans	8.91e+07		42:13	1.46	1320	2.50	-	-	*		4

5/12/11

Analyst: _____ Date: 5/12/11

Totals class: Total Tetra-Dioxins Entry #: 38

Run: 26 File: 10MAY11M S: 12 I: 1 F: 1
Acquired: 10-MAY-11 20:28:29

Total Concentration: 47.3 Unnamed Concentration: 41.647

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
24:12	2.32e+05	3.00e+05	0.77	y	5.32e+05	10.1	
24:29	2.16e+05	2.83e+05	0.76	y	5.00e+05	9.47	
24:49	7.75e+04	9.30e+04	0.83	y	1.71e+05	3.23	
25:26	3.32e+04	4.24e+04	0.78	y	7.56e+04	1.43	
25:36	7.04e+04	9.66e+04	0.73	y	1.67e+05	3.17	
25:47	1.18e+05	1.49e+05	0.79	y	2.68e+05	5.08	
25:57	3.34e+04	4.26e+04	0.78	y	7.61e+04	1.44	
26:09	1.94e+04	2.53e+04	0.77	y	4.47e+04	0.848	
26:18	3.06e+04	4.15e+04	0.74	y	7.20e+04	1.37	
26:40	4.79e+04	5.89e+04	0.81	y	1.07e+05	2.02	
27:00	3.76e+04	5.53e+04	0.68	y	9.29e+04	1.76	
27:15	1.29e+05	1.67e+05	0.78	y	2.96e+05	5.61	2,3,7,8-TCDD
27:33	2.16e+04	3.17e+04	0.68	y	5.33e+04	1.01	
27:58	1.70e+04	2.15e+04	0.79	y	3.85e+04	0.730	

Totals class: Total Penta-Dioxins Entry #: 39

Run: 26 File: 10MAY11M S: 12 I: 1 F: 2
Acquired: 10-MAY-11 20:28:29

Total Concentration: 180 Unnamed Concentration: 170.556

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:07	3.46e+06	2.24e+06	1.54	y	5.71e+06	113	
30:45	1.50e+05	9.00e+04	1.66	y	2.40e+05	4.73	
31:23	3.83e+05	2.56e+05	1.49	y	6.39e+05	12.6	
31:36	5.38e+05	3.49e+05	1.54	y	8.88e+05	17.5	
31:44	2.39e+05	1.57e+05	1.52	y	3.96e+05	7.82	
32:01	2.46e+05	1.65e+05	1.49	y	4.11e+05	8.10	
32:30	1.01e+05	6.48e+04	1.56	y	1.66e+05	3.27	
33:08	2.75e+05	1.81e+05	1.51	y	4.56e+05	9.00	1,2,3,7,8-PeCDD
33:14	5.87e+04	3.59e+04	1.63	y	9.46e+04	1.87	
33:43	6.39e+04	3.87e+04	1.65	y	1.03e+05	2.03	

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 26 File: 10MAY11M S: 12 I: 1 F: 3
Acquired: 10-MAY-11 20:28:29

Total Concentration: 582 Unnamed Concentration: 456.181

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
36:02	7.03e+06	5.41e+06	1.30	y	1.24e+07	209	
36:58	9.11e+05	7.34e+05	1.24	y	1.65e+06	27.6	
37:24	6.91e+06	5.32e+06	1.30	y	1.22e+07	205	
37:35	2.80e+05	2.21e+05	1.27	y	5.01e+05	8.41	
38:29	6.55e+05	5.10e+05	1.28	y	1.17e+06	18.2	1,2,3,4,7,8-HxCDD
38:40	2.23e+06	1.73e+06	1.29	y	3.96e+06	72.5	1,2,3,6,7,8-HxCDD
38:57	2.09e+05	1.75e+05	1.20	y	3.84e+05	6.44	
39:06	1.17e+06	9.44e+05	1.24	y	2.11e+06	35.1	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 26 File: 10MAY11M S: 12 I: 1 F: 4
Acquired: 10-MAY-11 20:28:29

Total Concentration: 3470 Unnamed Concentration: 1645.498

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:44	4.70e+07	5.09e+07	0.92 y	9.79e+07	1650	
44:07	5.17e+07	5.68e+07	0.91 y	1.09e+08	1820	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans Entry #: 42

Run: 26 File: 10MAY11M S: 12 I: 1 F: 1
Acquired: 10-MAY-11 20:28:29

Total Concentration: 133 Unnamed Concentration: 124.114

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
23:11	1.40e+05	2.09e+05	0.67	y	3.49e+05	3.89	
23:36	5.52e+05	8.18e+05	0.68	y	1.37e+06	15.2	
23:58	4.37e+05	6.25e+05	0.70	y	1.06e+06	11.8	
24:14	5.83e+05	8.67e+05	0.67	y	1.45e+06	16.1	
24:32	3.33e+05	4.74e+05	0.70	y	8.07e+05	8.98	
24:39	1.25e+05	1.88e+05	0.67	y	3.13e+05	3.48	
24:46	2.11e+05	2.97e+05	0.71	y	5.07e+05	5.65	
25:08	1.94e+05	2.69e+05	0.72	y	4.63e+05	5.15	
25:15	3.74e+05	5.41e+05	0.69	y	9.15e+05	10.2	
25:22	4.30e+05	6.36e+05	0.68	y	1.07e+06	11.9	
25:44	2.11e+05	3.07e+05	0.69	y	5.18e+05	5.77	
25:58	1.10e+05	1.68e+05	0.66	y	2.78e+05	3.10	
26:07	6.80e+04	9.87e+04	0.69	y	1.67e+05	1.85	
26:22	2.99e+05	4.56e+05	0.66	y	7.56e+05	8.41	
26:29	3.03e+05	4.52e+05	0.67	y	7.55e+05	8.41	2,3,7,8-TCDF
26:48	3.29e+05	4.98e+05	0.66	y	8.28e+05	9.21	
27:04	3.60e+04	4.58e+04	0.79	y	8.18e+04	0.910	
28:20	8.86e+04	1.34e+05	0.66	y	2.22e+05	2.47	

Totals class: 1st Fn. Tot Penta-Furans Entry #: 43

Run: 26 File: 10MAY11M S: 12 I: 1 F: 1
Acquired: 10-MAY-11 20:28:29

Total Concentration: 46.8 Unnamed Concentration: 46.825

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
28:19	1.99e+06	1.31e+06	1.52	y	3.29e+06	46.8	

Totals class: Total Penta-Furans Entry #: 44

Run: 26 File: 10MAY11M S: 12 I: 1 F: 2
Acquired: 10-MAY-11 20:28:29

Total Concentration: 103 Unnamed Concentration: 90.912

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
29:57	3.01e+05	2.03e+05	1.48	y	5.05e+05	7.17	
30:08	1.77e+06	1.18e+06	1.50	y	2.94e+06	41.9	
30:35	1.35e+05	1.00e+05	1.35	y	2.35e+05	3.35	
30:49	6.54e+05	4.51e+05	1.45	y	1.10e+06	15.7	
30:57	1.14e+05	8.01e+04	1.42	y	1.94e+05	2.76	
31:08	1.83e+05	1.27e+05	1.45	y	3.10e+05	4.40	
31:23	1.91e+05	1.28e+05	1.48	y	3.19e+05	4.44	1,2,3,7,8-PeCDF
31:44	2.89e+05	1.95e+05	1.48	y	4.84e+05	6.88	
32:34	1.02e+05	6.41e+04	1.59	y	1.66e+05	2.36	
32:42	2.98e+05	1.96e+05	1.52	y	4.93e+05	7.17	2,3,4,7,8-PeCDF
32:45	2.68e+05	1.85e+05	1.44	y	4.53e+05	6.44	

Totals class: Total Hexa-Furans Entry #: 45

Run: 26 File: 10MAY11M S: 12 I: 1 F: 3
Acquired: 10-MAY-11 20:28:29

Total Concentration: 421 Unnamed Concentration: 355.768

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
35:09	2.04e+06	1.67e+06	1.22	y	3.71e+06	44.6	
35:25	6.75e+06	5.48e+06	1.23	y	1.22e+07	147	
35:45	9.34e+04	7.14e+04	1.31	y	1.65e+05	1.98	
36:01	2.37e+05	1.86e+05	1.27	y	4.22e+05	5.07	
36:19	6.84e+06	5.56e+06	1.23	y	1.24e+07	149	
36:57	1.90e+05	1.56e+05	1.22	y	3.47e+05	4.16	
37:06	1.25e+06	1.00e+06	1.25	y	2.25e+06	27.5	1,2,3,4,7,8-HxCDF
37:18	6.34e+05	4.99e+05	1.27	y	1.13e+06	13.7	1,2,3,6,7,8-HxCDF
37:45	1.90e+05	1.57e+05	1.21	y	3.47e+05	4.17	
38:15	8.81e+05	7.17e+05	1.23	y	1.60e+06	20.4	2,3,4,6,7,8-HxCDF
39:44	1.59e+05	1.47e+05	1.08	y	3.07e+05	3.41	1,2,3,7,8,9-HxCDF

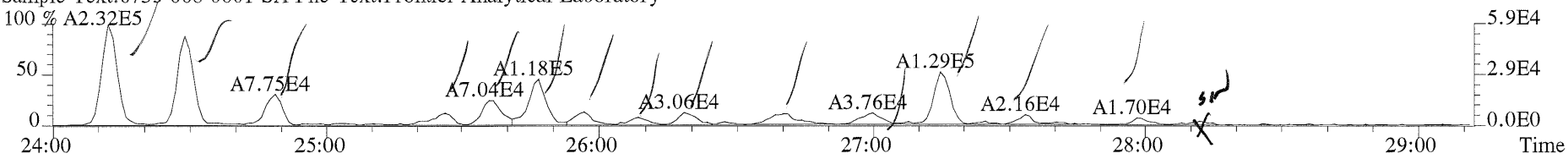
Totals class: Total Hepta-Furans Entry #: 46

Run: 26 File: 10MAY11M S: 12 I: 1 F: 4
Acquired: 10-MAY-11 20:28:29

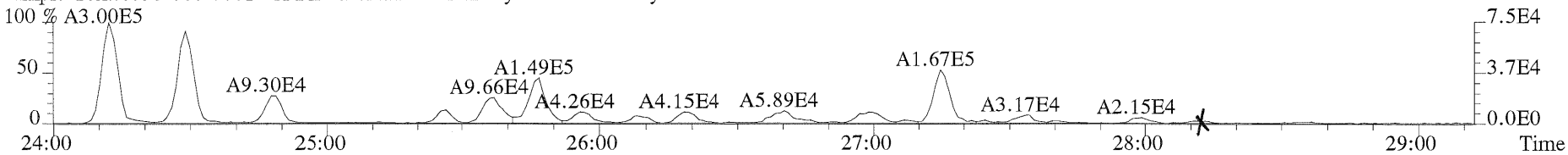
Total Concentration: 1320 Unnamed Concentration: 888.539

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:13	1.46e+07	1.37e+07	1.07 y	2.84e+07	412	1,2,3,4,6,7,8-HpCDF
42:44	2.81e+05	2.68e+05	1.05 y	5.49e+05	8.22	
43:02	3.03e+07	2.85e+07	1.06 y	5.88e+07	880	
45:02	7.57e+05	7.30e+05	1.04 y	1.49e+06	23.1	1,2,3,4,7,8,9-HpCDF

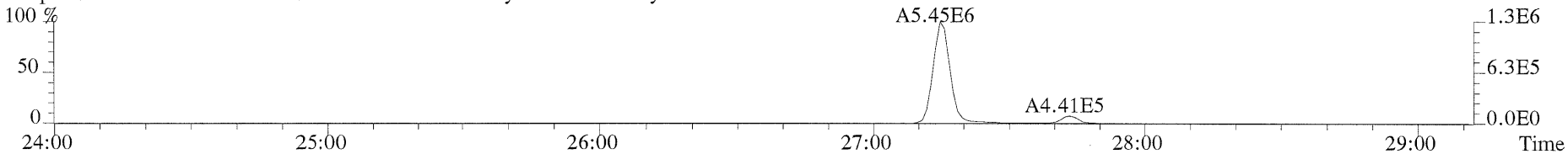
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



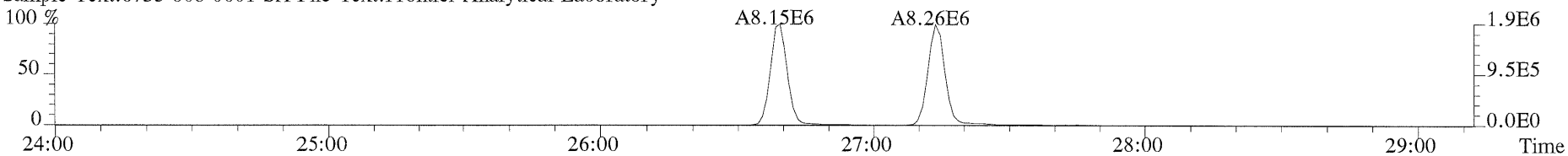
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



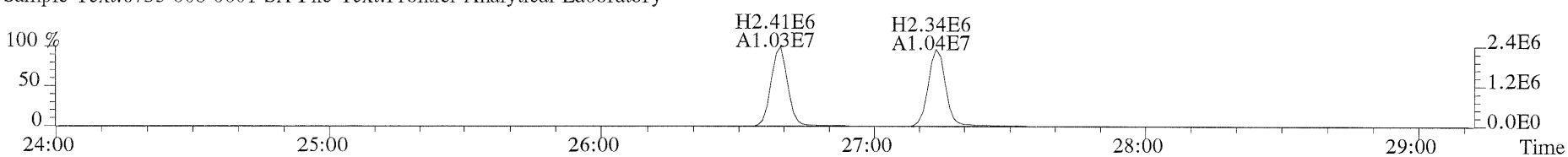
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



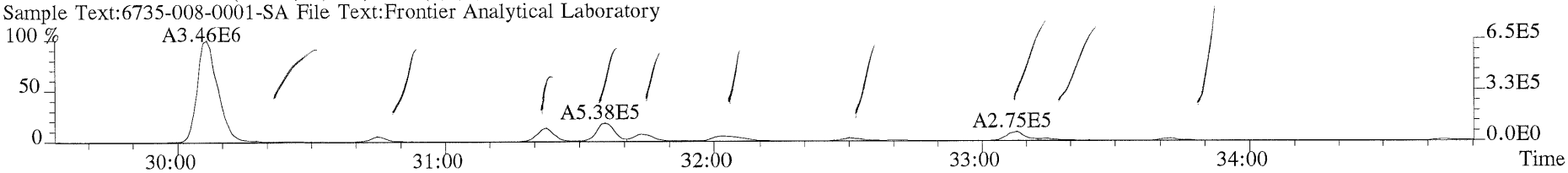
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



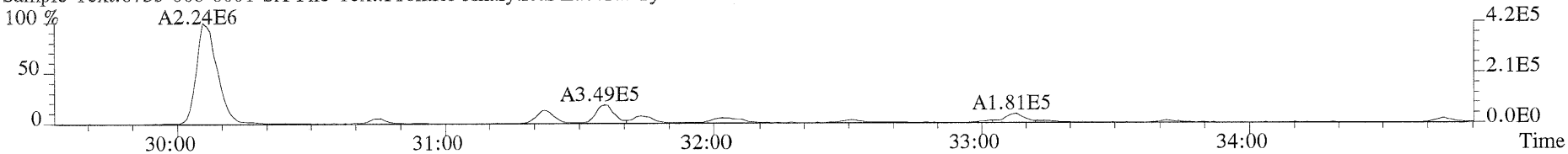
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



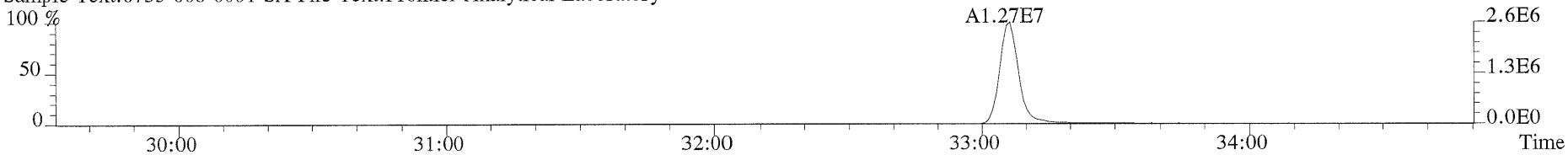
File:10MAY11M #1-411 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



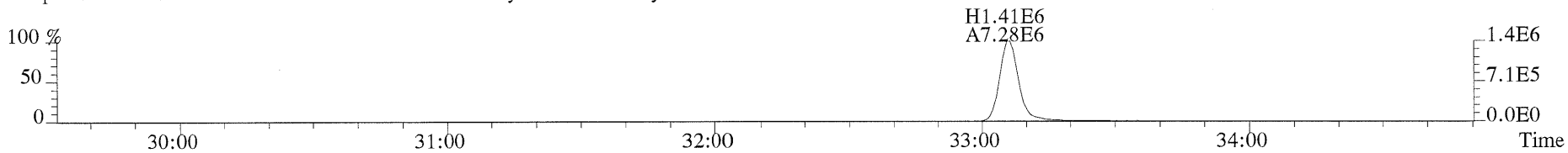
File:10MAY11M #1-411 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



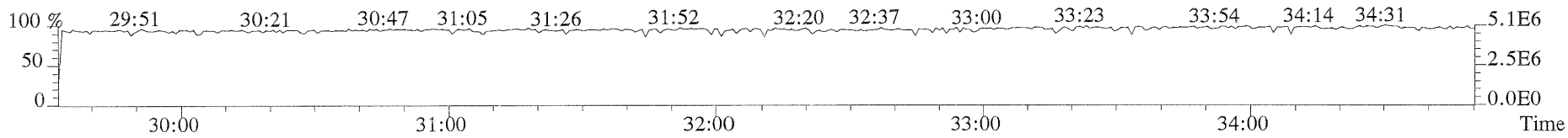
File:10MAY11M #1-411 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



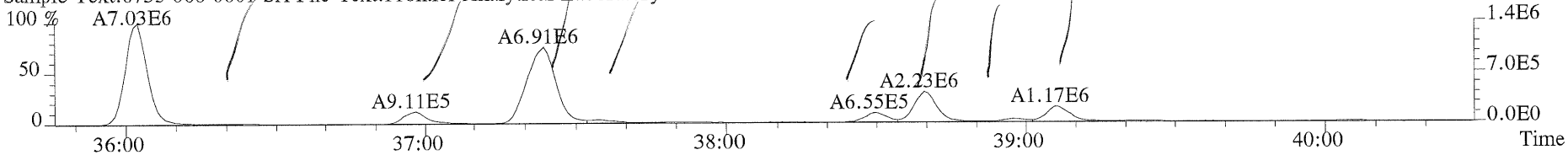
File:10MAY11M #1-411 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



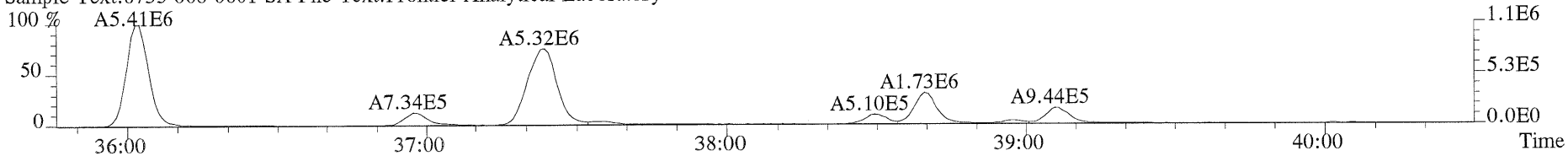
File:10MAY11M #1-411 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:12 F:2 Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



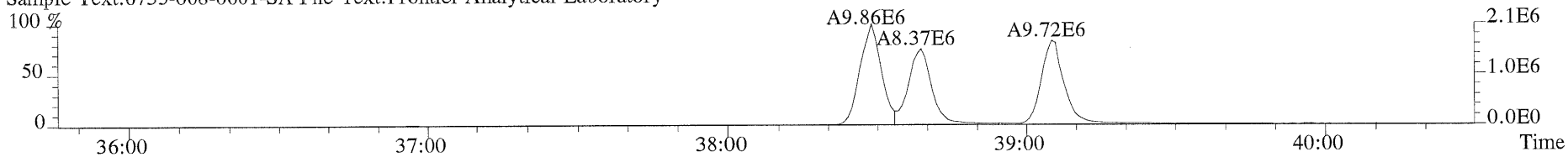
File:10MAY11M #1-477 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:12 F:3 BSUB(10000,15,-3.0) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



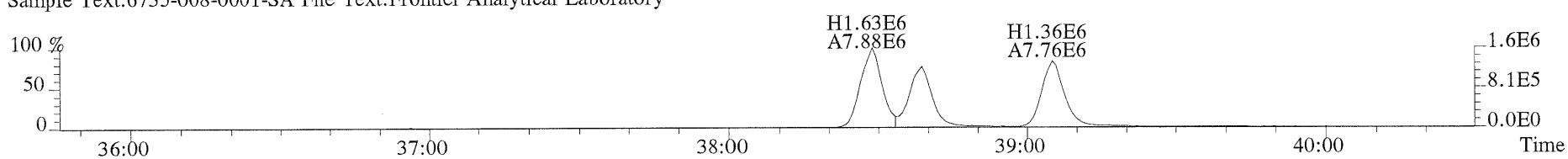
File:10MAY11M #1-477 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



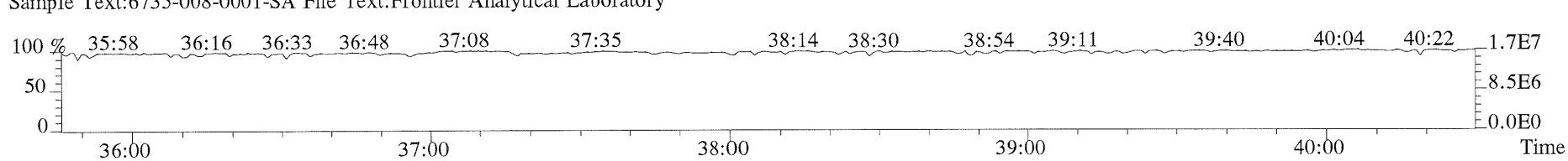
File:10MAY11M #1-477 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



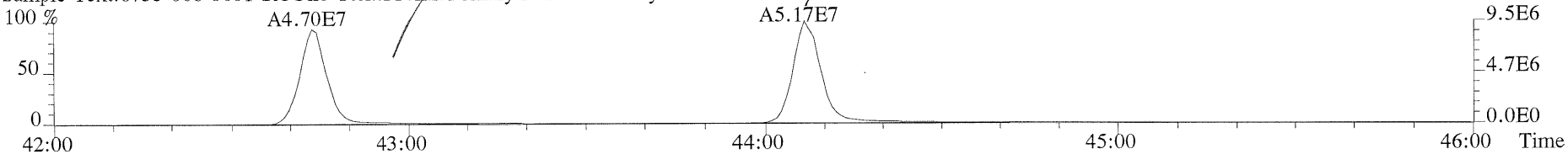
File:10MAY11M #1-477 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



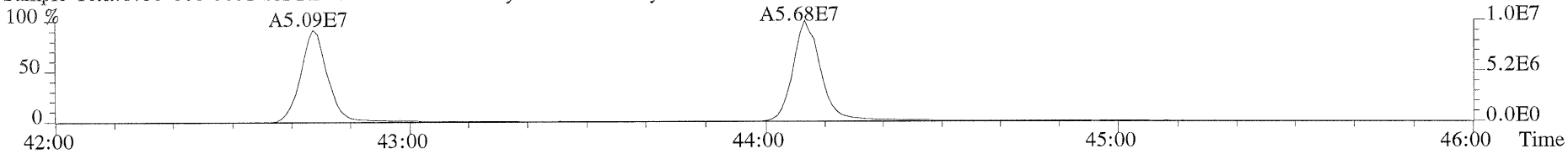
File:10MAY11M #1-477 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:12 F:3 Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



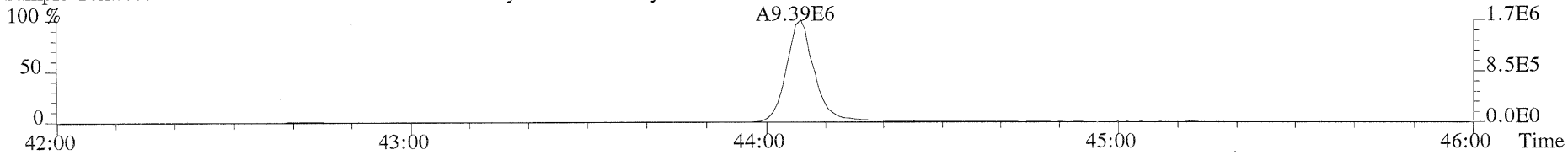
File:10MAY11M #1-541 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



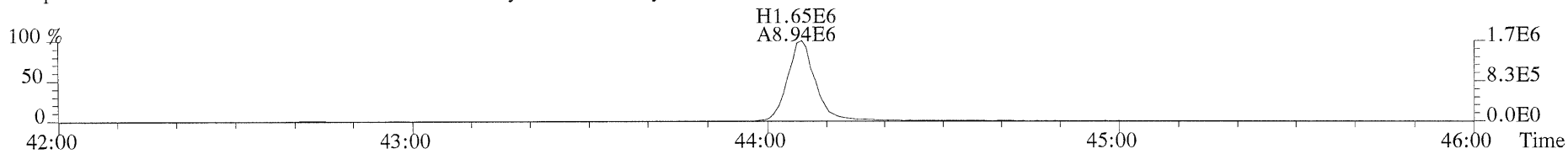
File:10MAY11M #1-541 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



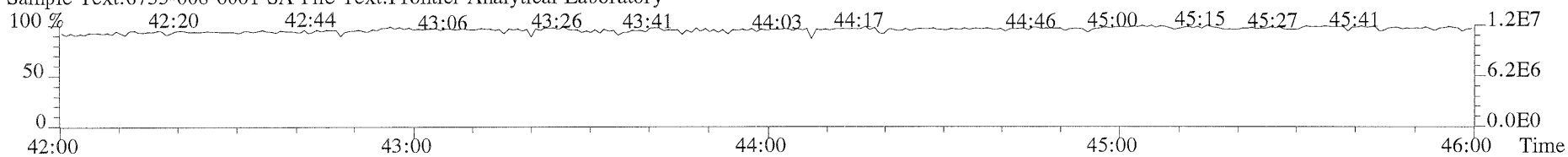
File:10MAY11M #1-541 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



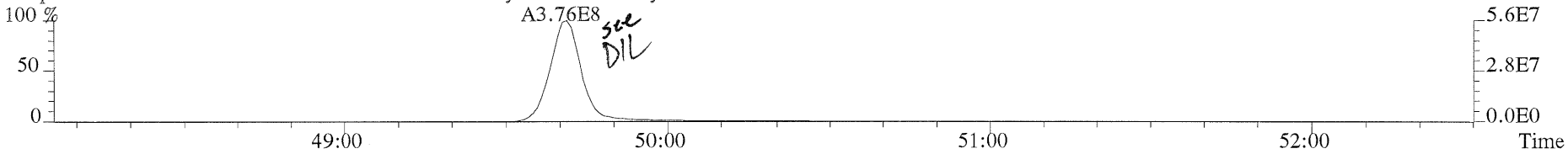
File:10MAY11M #1-541 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



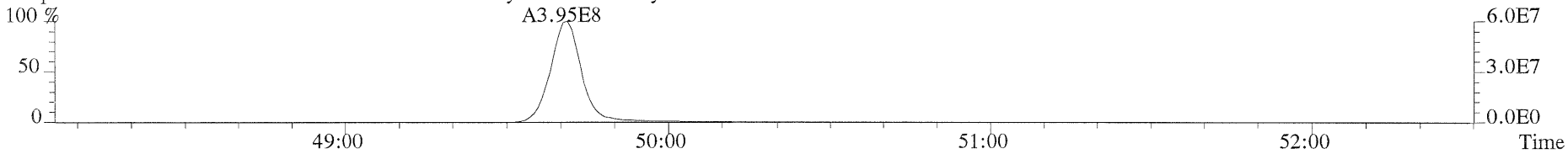
File:10MAY11M #1-541 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:12 F:4 Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



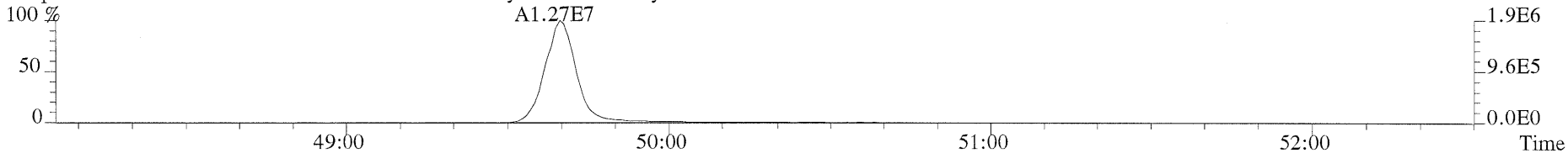
File:10MAY11M #1-347 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



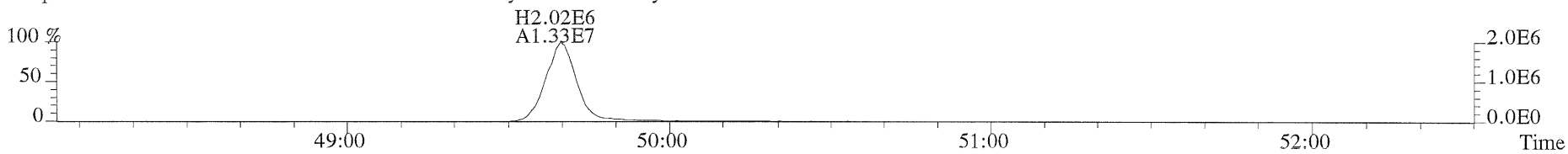
File:10MAY11M #1-347 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



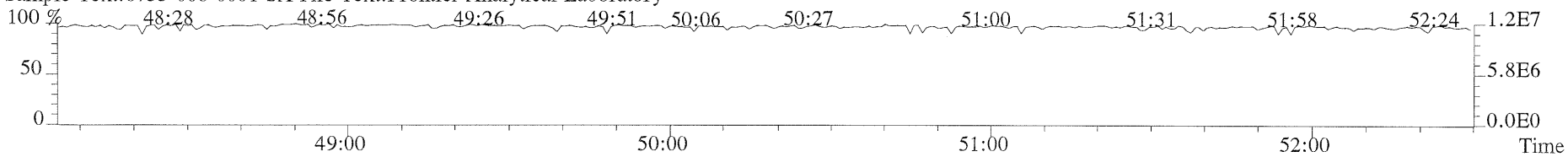
File:10MAY11M #1-347 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



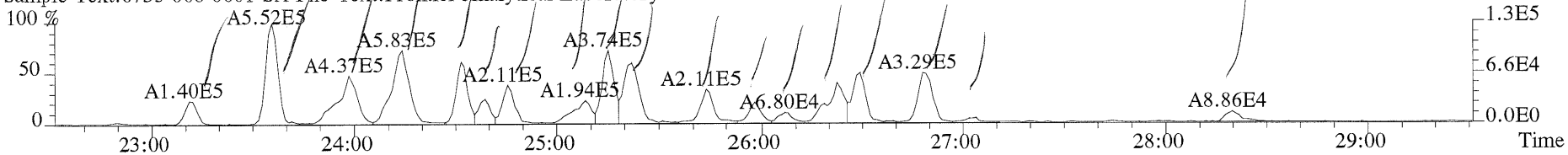
File:10MAY11M #1-347 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



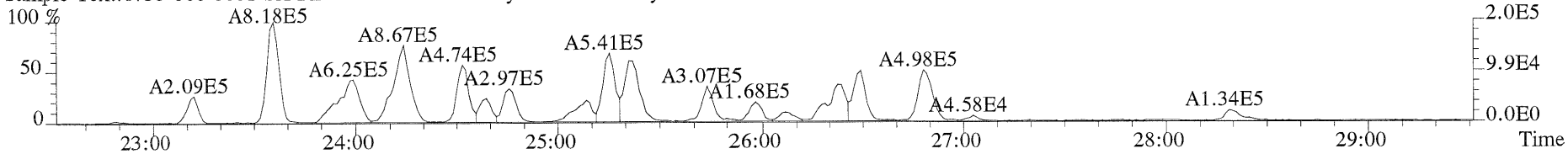
File:10MAY11M #1-347 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:12 F:5 Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



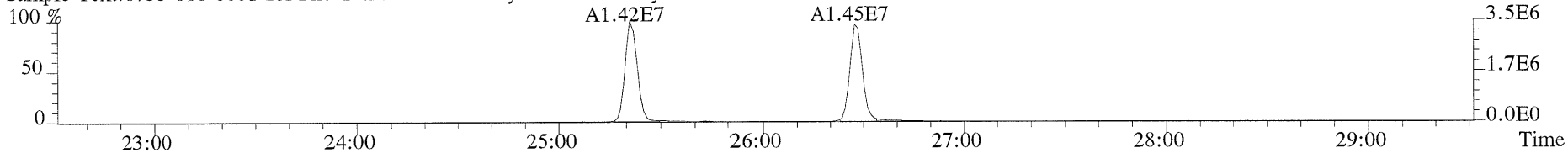
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



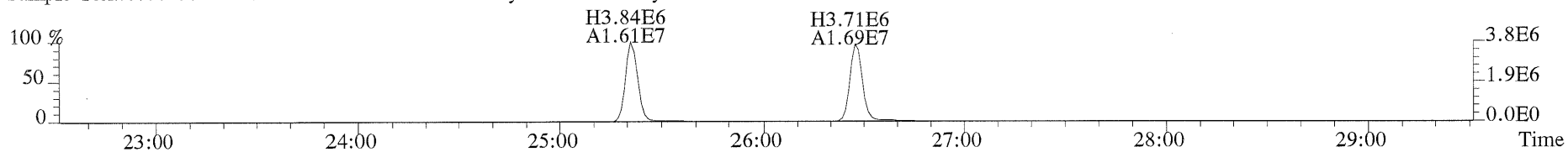
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



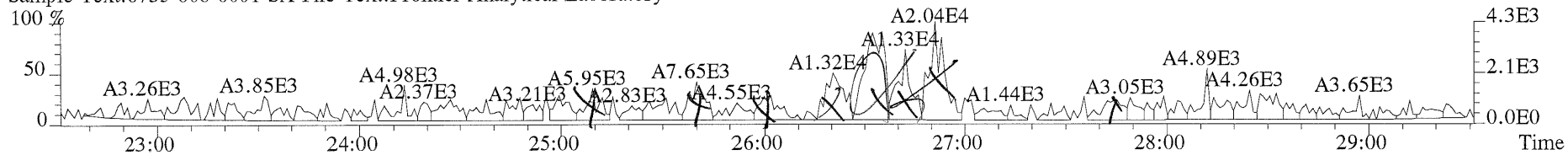
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



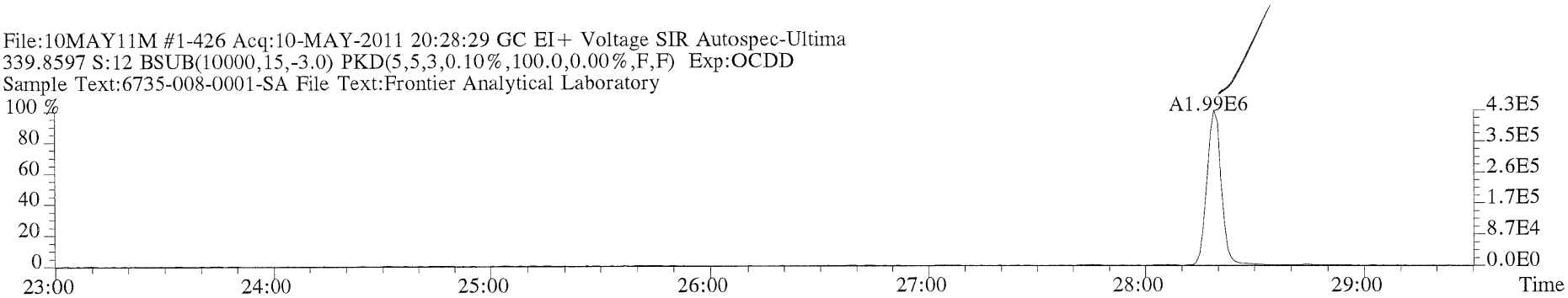
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



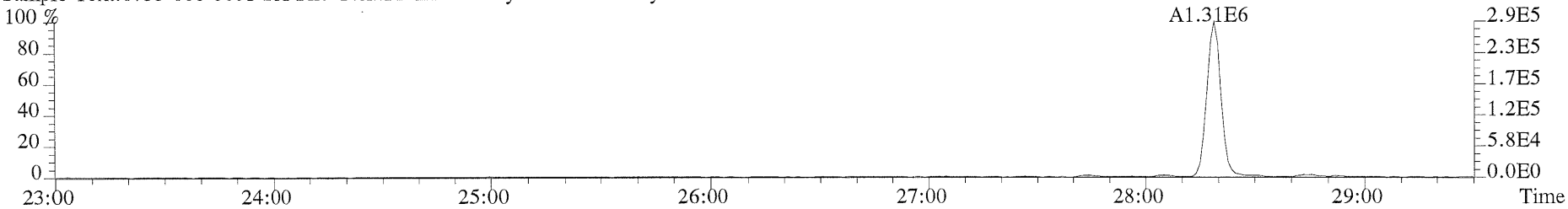
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



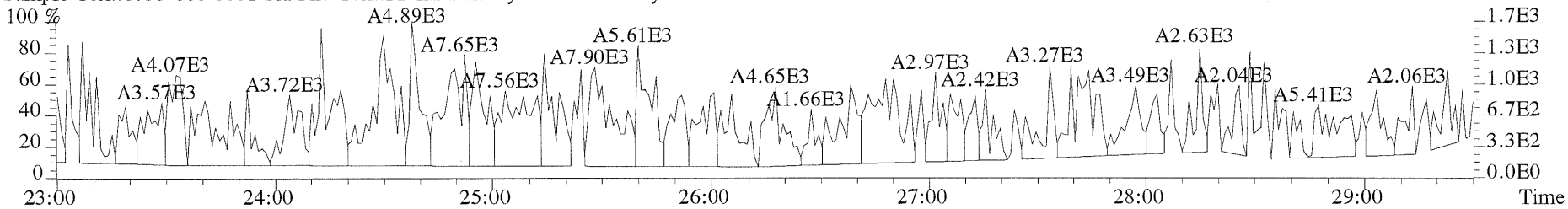
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



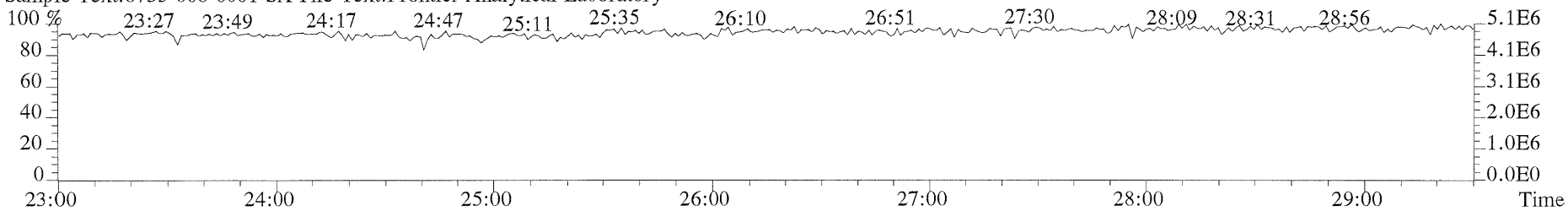
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



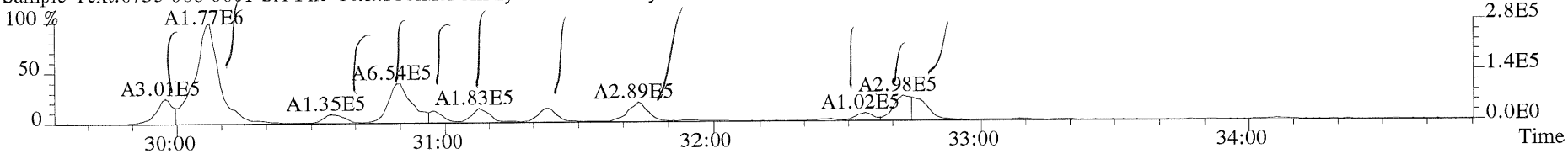
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



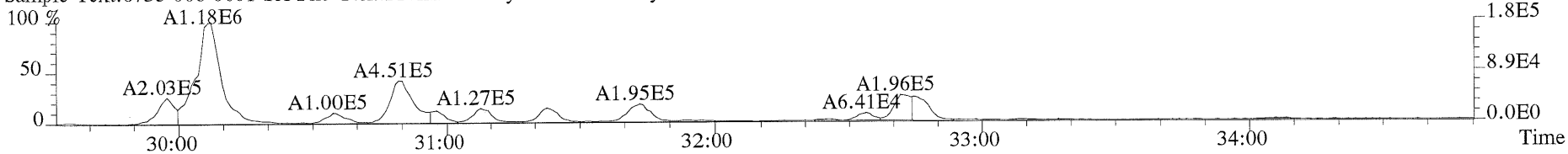
File:10MAY11M #1-426 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:12 Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



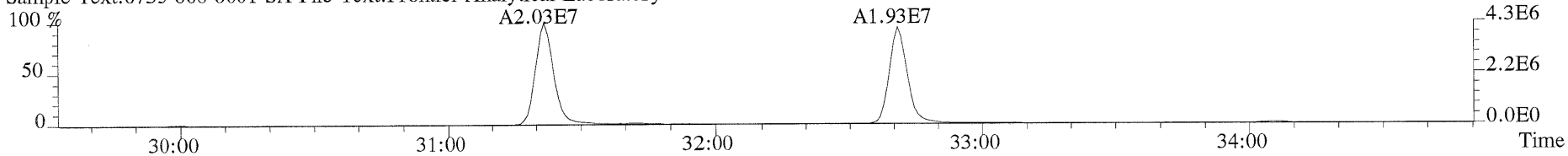
File:10MAY11M #1-411 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



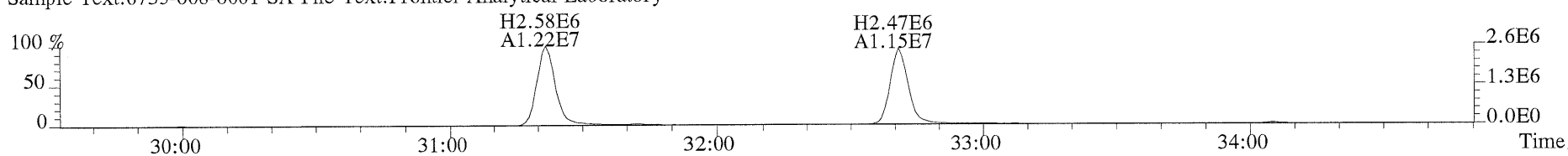
File:10MAY11M #1-411 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



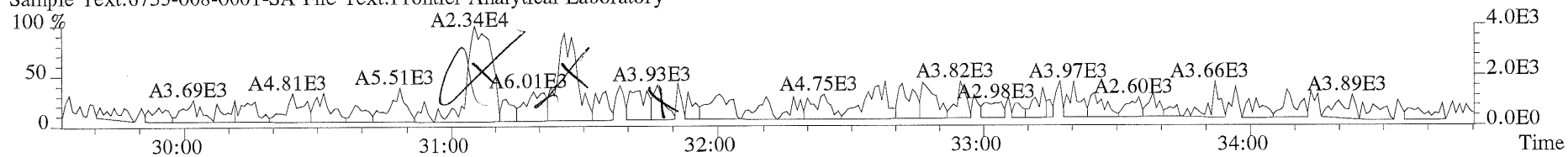
File:10MAY11M #1-411 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



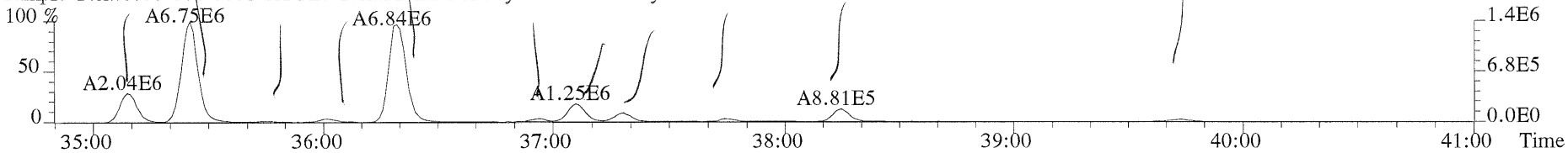
File:10MAY11M #1-411 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



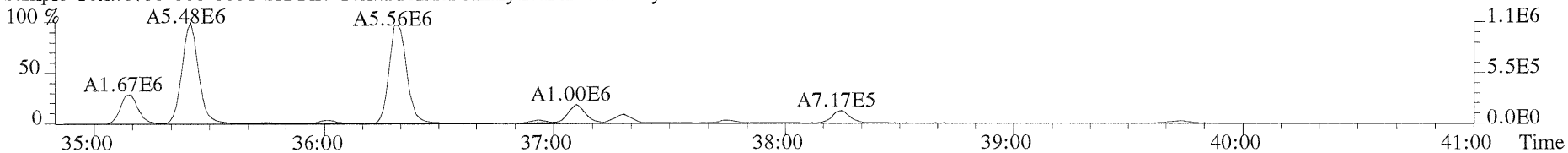
File:10MAY11M #1-411 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



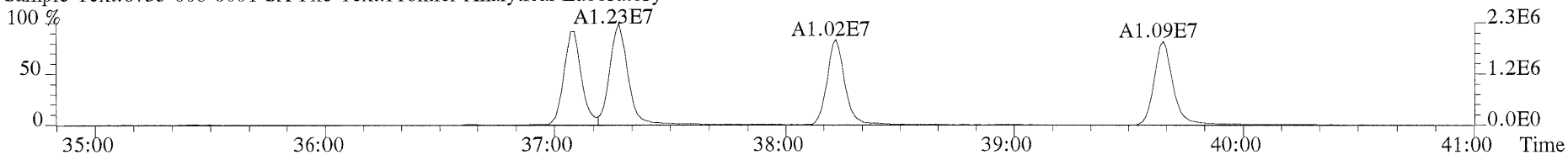
File:10MAY11M #1-477 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



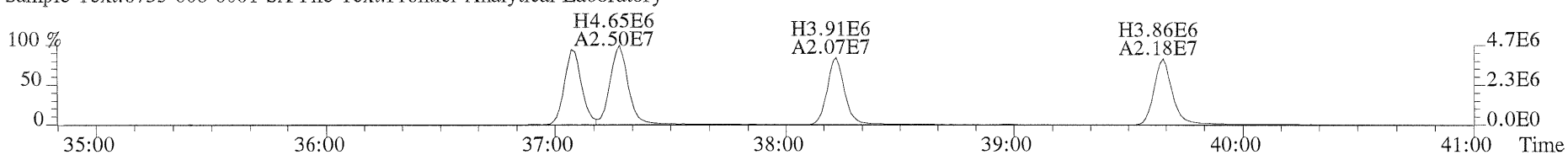
File:10MAY11M #1-477 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



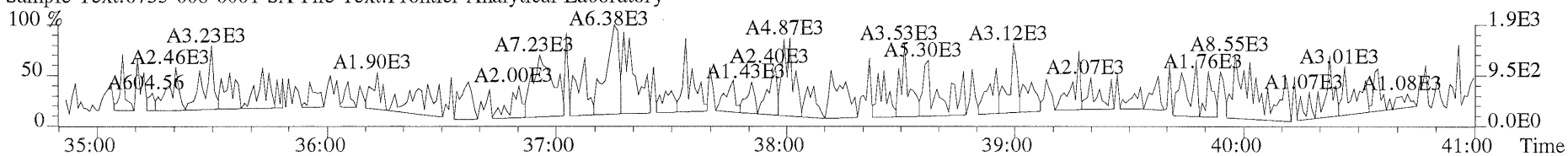
File:10MAY11M #1-477 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



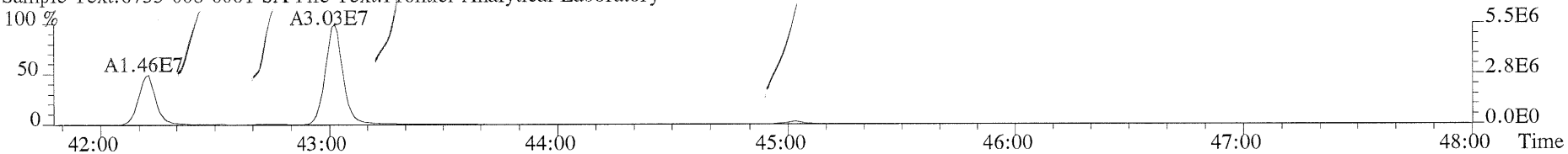
File:10MAY11M #1-477 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



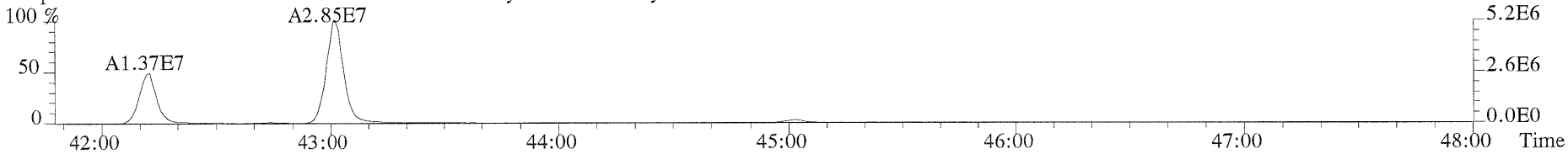
File:10MAY11M #1-477 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



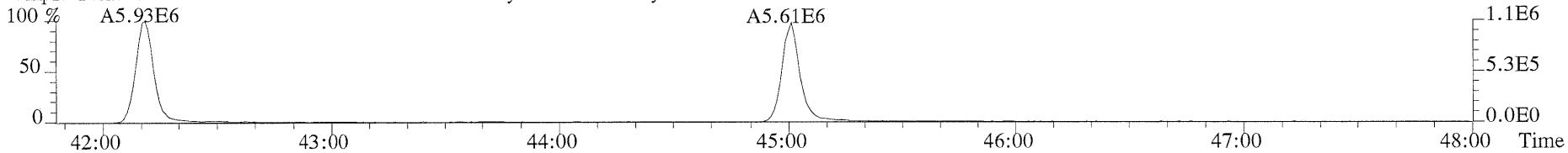
File:10MAY11M #1-541 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



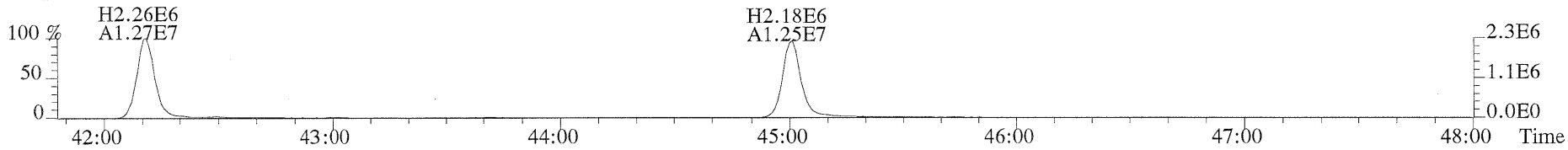
File:10MAY11M #1-541 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



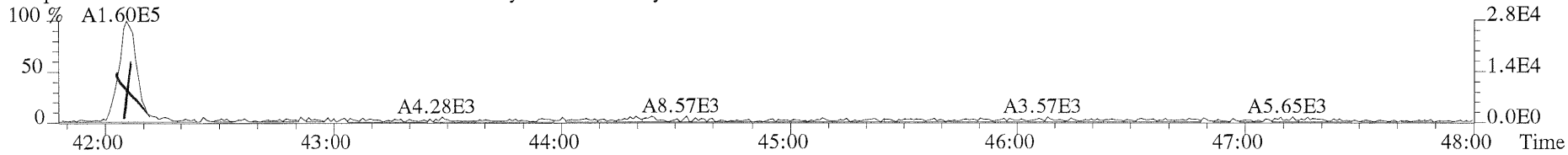
File:10MAY11M #1-541 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



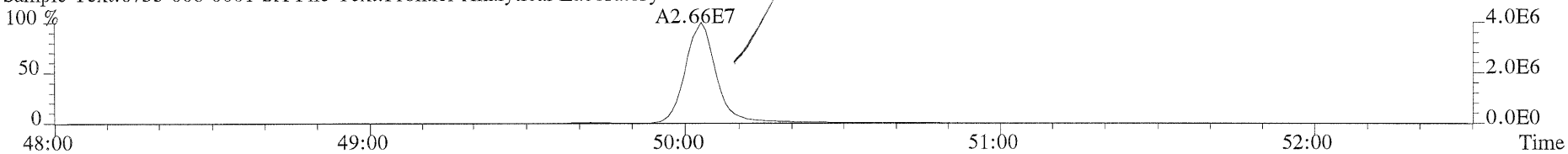
File:10MAY11M #1-541 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



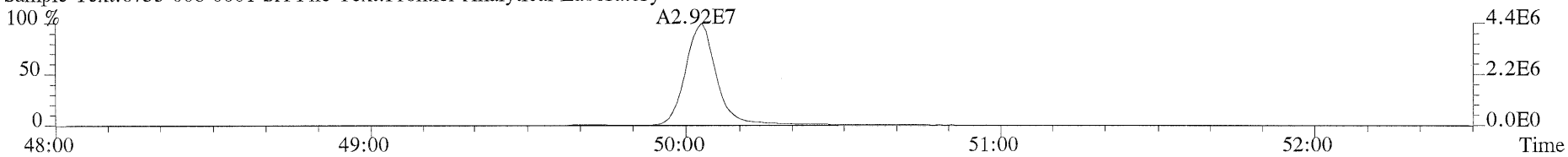
File:10MAY11M #1-541 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



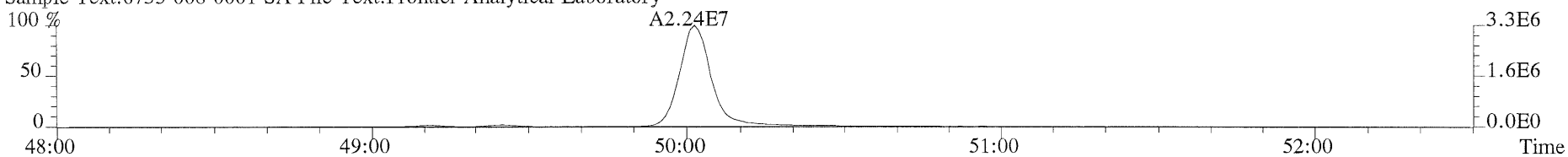
File:10MAY11M #1-347 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



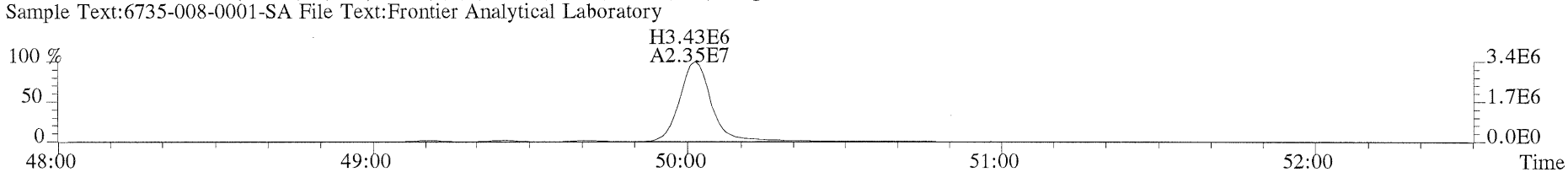
File:10MAY11M #1-347 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



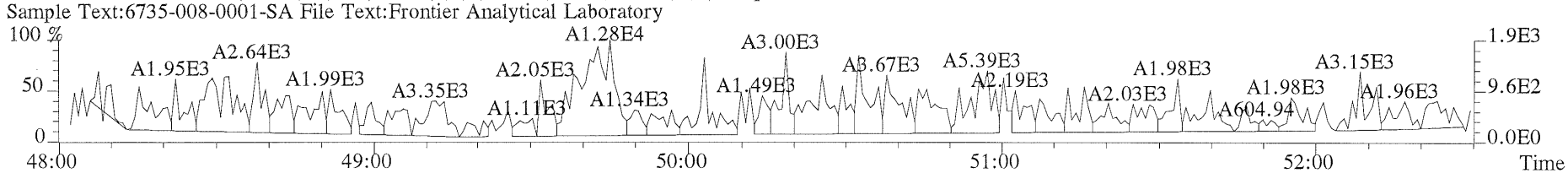
File:10MAY11M #1-347 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-347 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-347 Acq:10-MAY-2011 20:28:29 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory

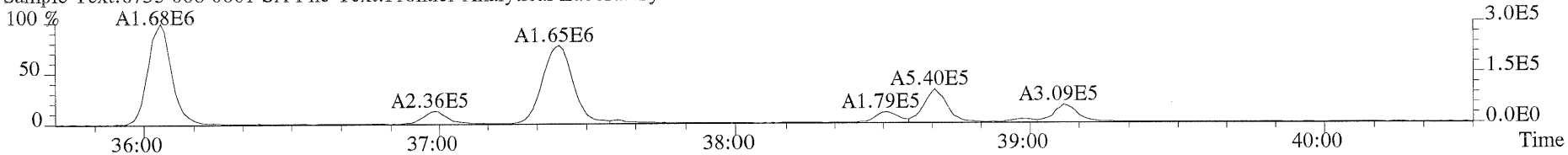


FAL ID: 6735-008-0001-SA Filename: 12MAY11M Sam:2 Acquired: 12-MAY-11 10:42:41 ICal: PCDDFAL3-3-7-11
Client ID: DMA-TP4-0-1.5-042011 1:10 ConCal: ST051211M1 EndCal: ST051211M2
Results: GC Column: DB5 Amount: 4.990

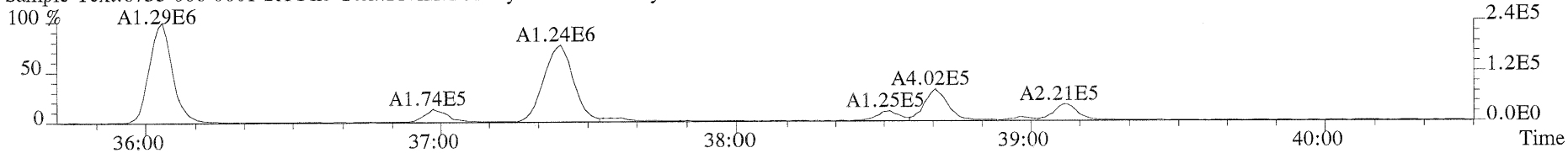
Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
OCDD	1.52e+08	0.93 y	49:40	1.45	16800		2.50	-	-	*
										Rec
13C-OCDD	5.01e+06	1.00 y	49:39	0.607	909					113
37Cl-2,3,7,8-TCDD	1.26e+06	1.25 y	27:20	0.729	154					96.1
13C-1,2,3,7,8,9-HxCDD	3.64e+06		39:07	-	2.94					

Analyst: _____ Date: 5/12/11

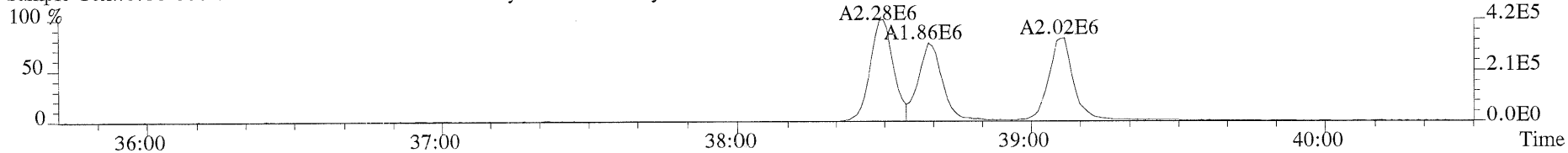
File:12MAY11M #1-477 Acq:12-MAY-2011 10:42:41 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



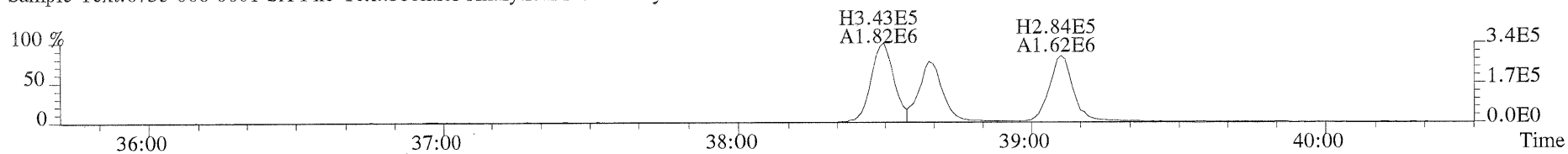
File:12MAY11M #1-477 Acq:12-MAY-2011 10:42:41 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



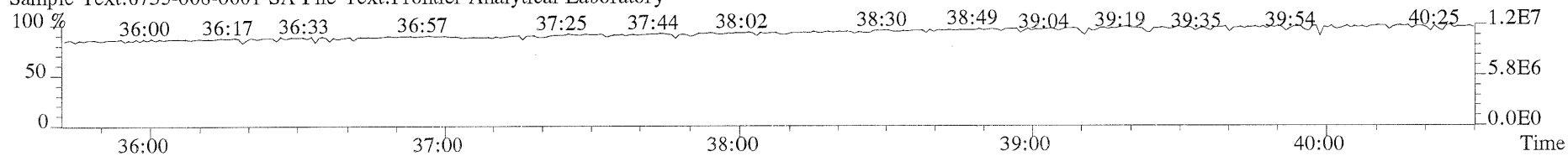
File:12MAY11M #1-477 Acq:12-MAY-2011 10:42:41 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



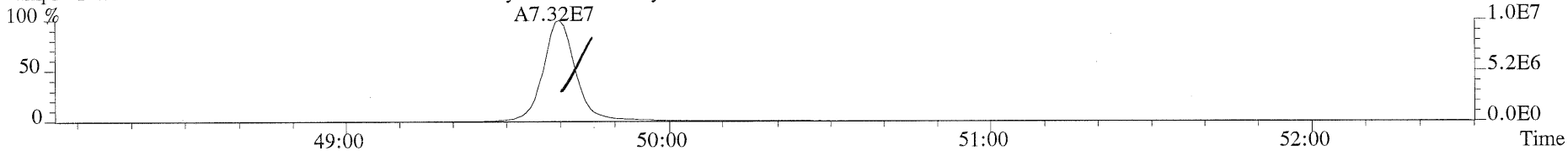
File:12MAY11M #1-477 Acq:12-MAY-2011 10:42:41 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



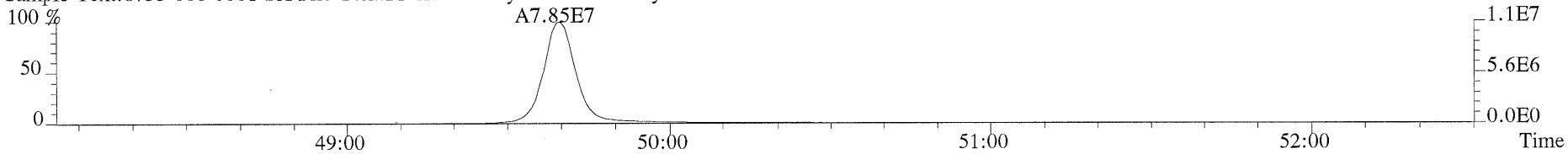
File:12MAY11M #1-477 Acq:12-MAY-2011 10:42:41 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:2 F:3 Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



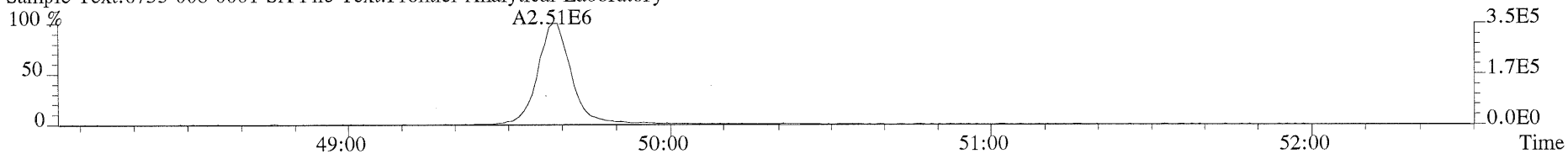
File:12MAY11M #1-347 Acq:12-MAY-2011 10:42:41 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



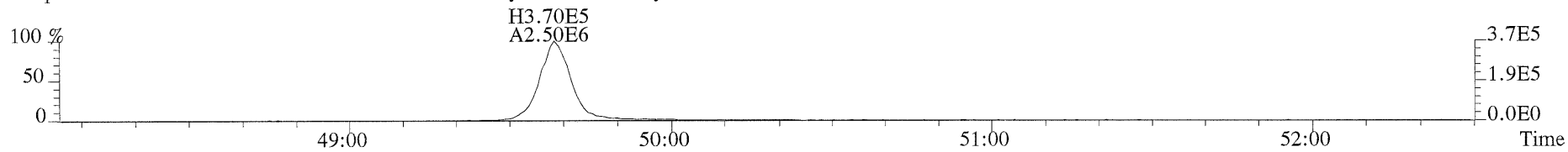
File:12MAY11M #1-347 Acq:12-MAY-2011 10:42:41 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



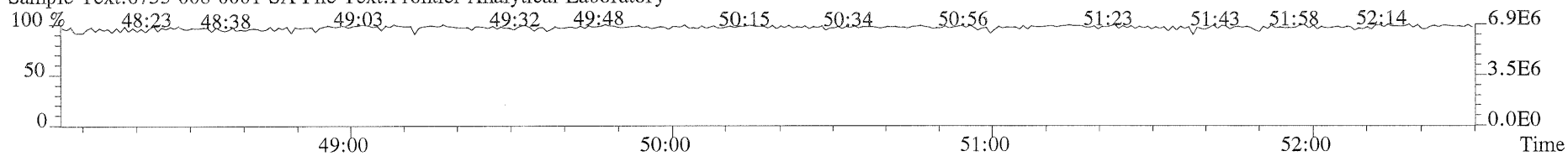
File:12MAY11M #1-347 Acq:12-MAY-2011 10:42:41 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



File:12MAY11M #1-347 Acq:12-MAY-2011 10:42:41 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory



File:12MAY11M #1-347 Acq:12-MAY-2011 10:42:41 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:2 F:5 Exp:OCDD
Sample Text:6735-008-0001-SA File Text:Frontier Analytical Laboratory

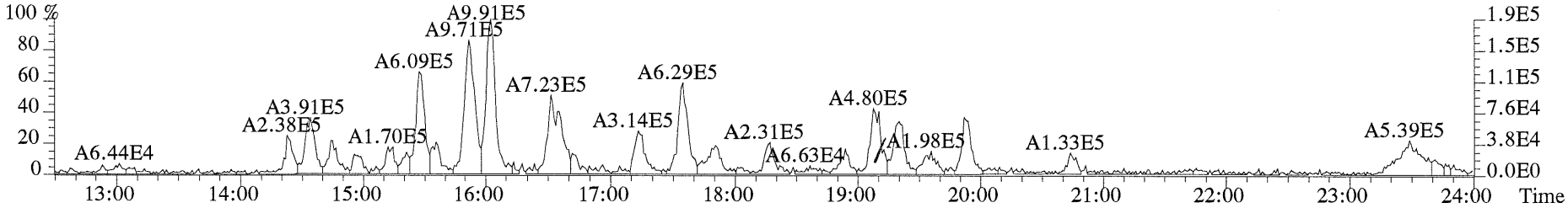


FAL ID: 6735-008-0001-SA Filename: 12MAY11A Sam:2 Acquired: 12-MAY-11 09:04:59 ICal: TCDFFAL1-2-18-11
Client ID: DMA-TP4-0-1.5-042011 ConCal: ST051211A1 EndCal: ST051211A2
Results: 6735-8TCDF GC Column: DB225 Amount: 4.990

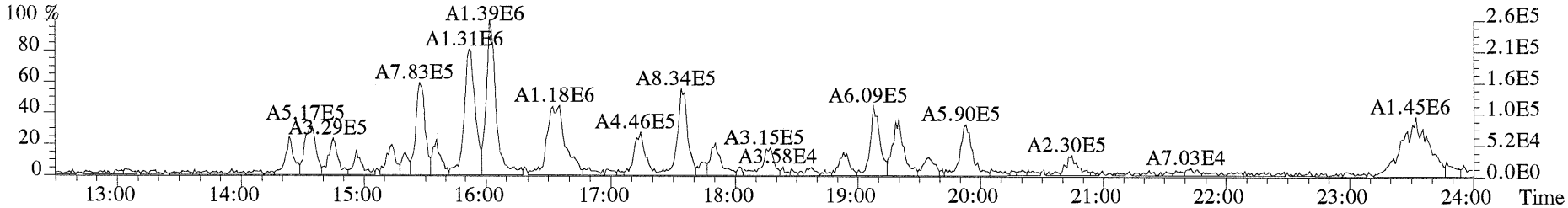
Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise	DL	#Hom	Rec
2,3,7,8-TCDF	1.09e+06	0.79 y	19:08	1.16	5.48		2.50	-	-	1	
13C-2,3,7,8-TCDF	6.89e+07	0.81 y	19:07	1.05	378						94.3
13C-1,2,3,4-TCDF	6.94e+07	0.80 y	16:31	-	7.87						

Analyst: _____ Date: 5/12/11

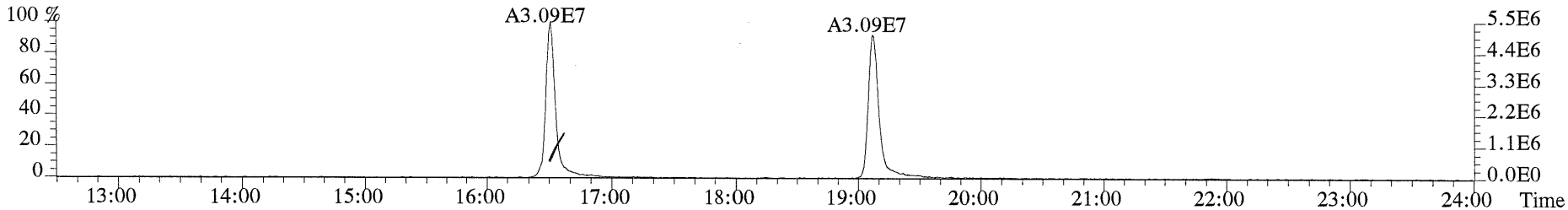
File:12MAY11A Acq:12-MAY-2011 09:04:59 FAL-1 Frontier Analytical Laboratory
303.9016 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-008-0001-SA



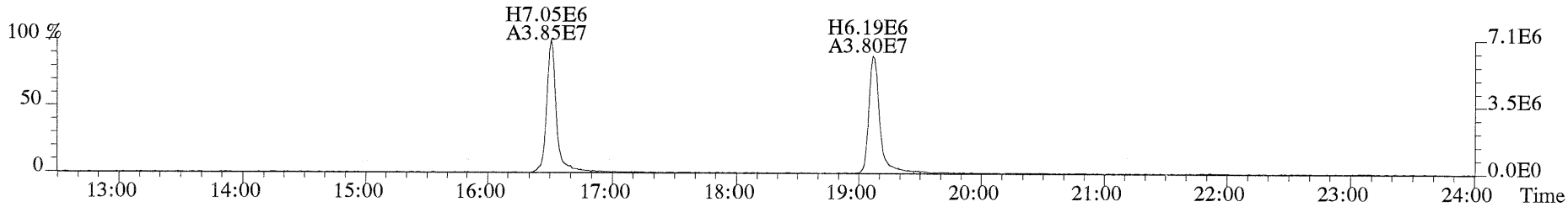
File:12MAY11A Acq:12-MAY-2011 09:04:59 FAL-1 Frontier Analytical Laboratory
305.8987 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-008-0001-SA



File:12MAY11A Acq:12-MAY-2011 09:04:59 FAL-1 Frontier Analytical Laboratory
315.9419 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-008-0001-SA



File:12MAY11A Acq:12-MAY-2011 09:04:59 FAL-1 Frontier Analytical Laboratory
317.9389 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-008-0001-SA



FAL ID: 6735-009-0001-SA Filename: 10MAY11M Sam:9 Acquired: 10-MAY-11 17:42:29 ICal: PCDDFAL3-3-7-11
Client ID: DMA-TP4-1.5-2-042011 ConCal: ST051011M1 EndCal: ST051011M2
Results: 6735 GC Column: DB5 Amount: 4.980 NATO 1989 Tox: 0.0228
WHO 1998 Tox: 0.0142 WHO 2005 Tox: 0.0161

Name	Resp	RA		RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	*	*	n	NotFnd	1.13	*		2.50	608	708	0.102
1,2,3,7,8-PeCDD	*	*	n	NotFnd	1.02	*		2.50	868	584	0.157
1,2,3,4,7,8-HxCDD	*	*	n	NotFnd	1.45	*		2.50	844	812	0.154
1,2,3,6,7,8-HxCDD	*	*	n	NotFnd	1.45	*		2.50	844	812	0.194
1,2,3,7,8,9-HxCDD	*	*	n	NotFnd	1.47	*		2.50	844	812	0.170
1,2,3,4,6,7,8-HpCDD	1.24e+05	0.95	y	44:05	1.30	1.09	J	2.50	-	-	*
OCDD	6.64e+05	0.93	y	49:38	1.45	8.93	J	2.50	-	-	*
2,3,7,8-TCDF	*	*	n	NotFnd	1.15	*		2.50	936	1270	0.103
1,2,3,7,8-PeCDF	*	*	n	NotFnd	0.89	*		2.50	648	960	0.118
2,3,4,7,8-PeCDF	*	*	n	NotFnd	0.89	*		2.50	648	960	0.123
1,2,3,4,7,8-HxCDF	*	*	n	NotFnd	1.01	*		2.50	648	564	0.0961
1,2,3,6,7,8-HxCDF	*	*	n	NotFnd	0.89	*		2.50	648	564	0.0986
2,3,4,6,7,8-HxCDF	*	*	n	NotFnd	1.02	*		2.50	648	564	0.108
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.10	*		2.50	648	564	0.0921
1,2,3,4,6,7,8-HpCDF	3.64e+04	1.07	y	42:11	1.48	0.237	J	2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	*	*	n	NotFnd	1.43	*		2.50	532	628	0.132
OCDF	4.83e+04	0.98	y	50:01	0.84	0.561	J	2.50	-	-	*
											Rec
13C-2,3,7,8-TCDD	5.00e+07	0.80	y	27:14	1.03	382					95.2
13C-1,2,3,7,8-PeCDD	4.88e+07	1.75	y	33:04	1.01	380					94.6
13C-1,2,3,4,7,8-HxCDD	4.13e+07	1.26	y	38:27	1.19	368					91.6
13C-1,2,3,6,7,8-HxCDD	3.40e+07	1.26	y	38:38	0.94	386					96.1
13C-1,2,3,4,6,7,8-HpCDD	3.50e+07	1.05	y	44:04	0.83	449					112
13C-OCDD	4.13e+07	0.96	y	49:37	0.61	721					89.7
13C-2,3,7,8-TCDF	8.37e+07	0.89	y	26:29	0.98	407					101
13C-1,2,3,7,8-PeCDF	8.07e+07	1.65	y	31:20	0.83	463					115
13C-2,3,4,7,8-PeCDF	7.55e+07	1.67	y	32:39	0.80	448					112
13C-1,2,3,4,7,8-HxCDF	6.78e+07	0.49	y	37:03	1.84	391					97.3
13C-1,2,3,6,7,8-HxCDF	8.04e+07	0.49	y	37:15	2.29	372					92.7
13C-2,3,4,6,7,8-HxCDF	6.44e+07	0.50	y	38:12	1.86	367					91.4
13C-1,2,3,7,8,9-HxCDF	7.21e+07	0.49	y	39:38	1.98	386					96.0
13C-1,2,3,4,6,7,8-HpCDF	4.16e+07	0.46	y	42:10	0.99	447					111
13C-1,2,3,4,7,8,9-HpCDF	3.73e+07	0.45	y	44:59	0.77	516					128
13C-OCDF	8.19e+07	0.94	y	49:59	1.17	746					92.9
37Cl-2,3,7,8-TCDD	1.34e+07			27:16	0.73	145					90.3
13C-1,2,3,4-TCDD	5.11e+07	0.81	y	26:40	-	27.0					
13C-1,2,3,4-TCDF	8.43e+07	0.88	y	25:24	-	23.5					
13C-1,2,3,7,8,9-HxCDD	3.79e+07	1.24	y	39:04	-	30.6					

				Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	2.76e+04	25:28	1.13	0.196	J	2.50	-	-	*		1
Total Penta-Dioxins	*	NotFnd	1.02	*		2.50	868	584	0.157		0
Total Hexa-Dioxins	6.07e+04	36:00	1.46	0.444	J	2.50	-	-	*		1
Total Hepta-Dioxins	3.06e+05	42:42	1.30	2.70	J	2.50	-	-	*		2
Total Tetra-Furans	*	NotFnd	1.15	*		2.50	936	1270	0.103		0
1st Fn. Tot Penta-Furans	*	NotFnd	0.89	*		2.50	648	960	0.123	PeCDF	0
Total Penta-Furans	*	NotFnd	0.89	*		2.50	648	960	0.123	0.00	0
Total Hexa-Furans	*	NotFnd	1.00	*		2.50	648	564	0.108		0
Total Hepta-Furans	8.36e+04	42:11	1.46	0.568	J	2.50	-	-	*		2

Analyst: _____ Date: 5/12/11

Totals class: Total Tetra-Dioxins Entry #: 38

Run: 23 File: 10MAY11M S: 9 I: 1 F: 1
Acquired: 10-MAY-11 17:42:29

Total Concentration: 0.196 Unnamed Concentration: 0.196

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
25:28	1.11e+04	1.65e+04	0.68 y	2.76e+04	0.196	

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 23 File: 10MAY11M S: 9 I: 1 F: 3
Acquired: 10-MAY-11 17:42:29

Total Concentration: 0.444 Unnamed Concentration: 0.444

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
36:00	3.54e+04	2.54e+04	1.40	y	6.07e+04	0.444	

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 23 File: 10MAY11M S: 9 I: 1 F: 4
Acquired: 10-MAY-11 17:42:29

Total Concentration: 2.70 Unnamed Concentration: 1.613

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
42:42	8.70e+04	9.56e+04	0.91	y	1.83e+05	1.61	
44:05	6.02e+04	6.34e+04	0.95	y	1.24e+05	1.09	1,2,3,4,6,7,8-HpCDD

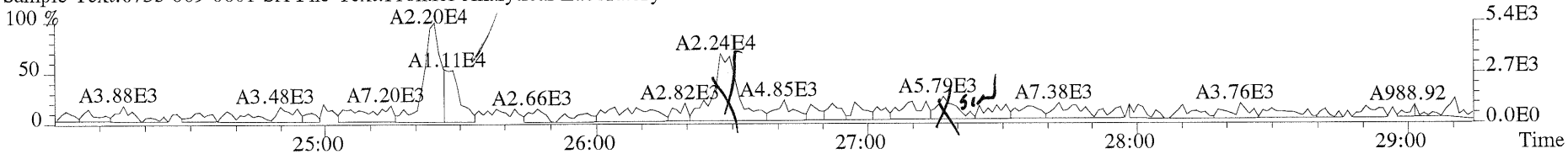
Totals class: Total Hepta-Furans Entry #: 46

Run: 23 File: 10MAY11M S: 9 I: 1 F: 4
Acquired: 10-MAY-11 17:42:29

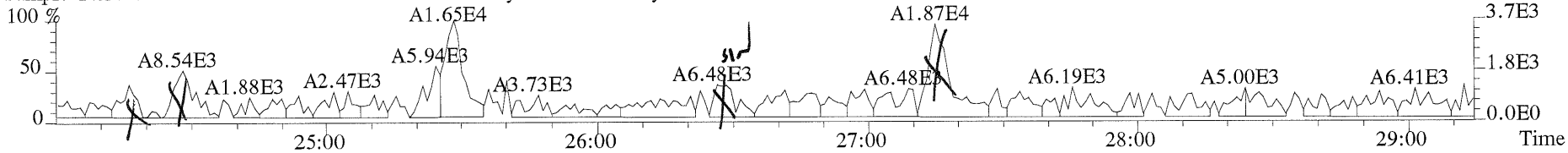
Total Concentration: 0.568 Unnamed Concentration: 0.330

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:11	1.88e+04	1.76e+04	1.07 y	3.64e+04	0.237	1,2,3,4,6,7,8-HpCDF
42:59	2.43e+04	2.29e+04	1.06 y	4.72e+04	0.330	

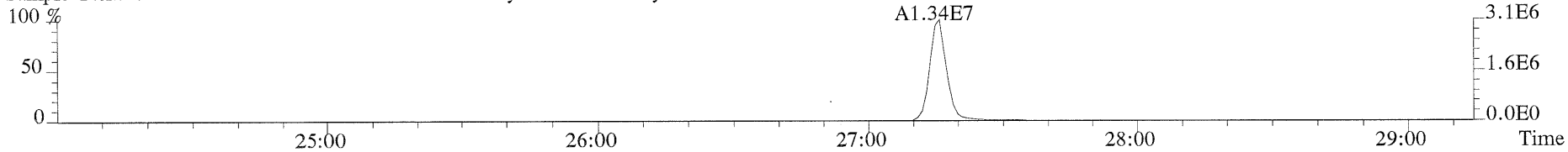
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



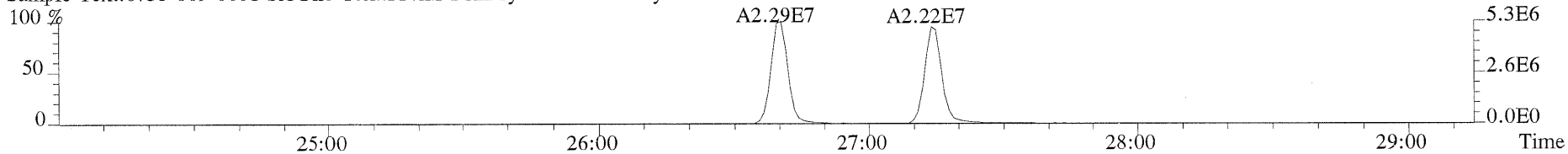
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



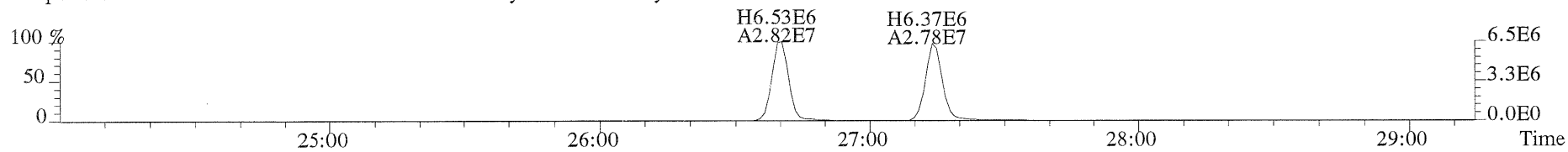
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



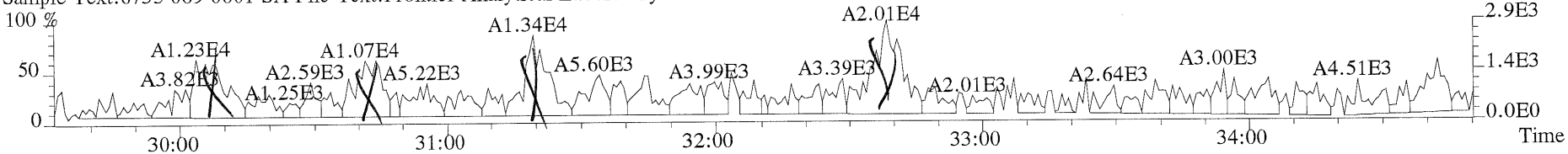
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



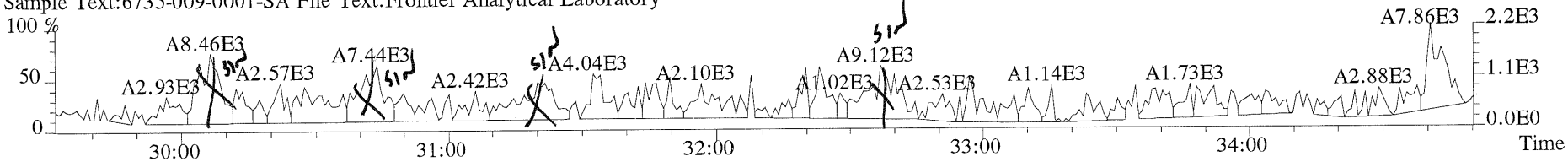
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



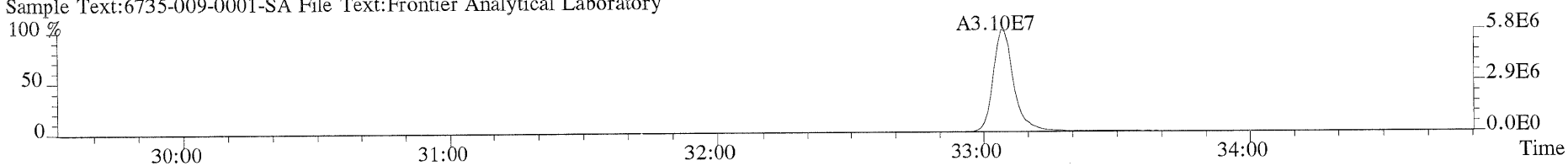
File:10MAY11M #1-412 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



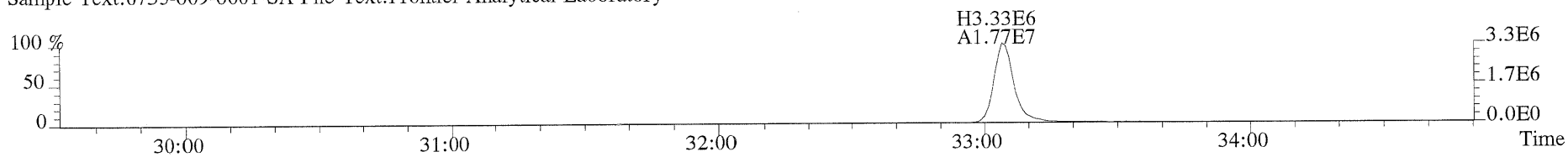
File:10MAY11M #1-412 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



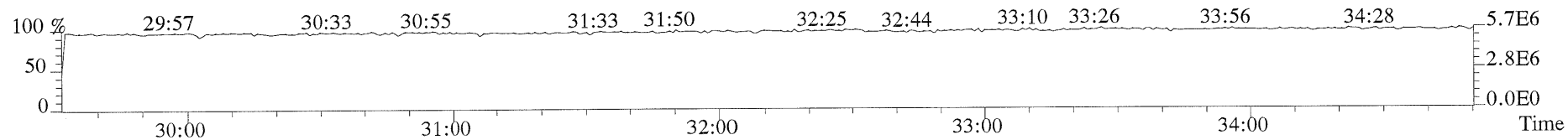
File:10MAY11M #1-412 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



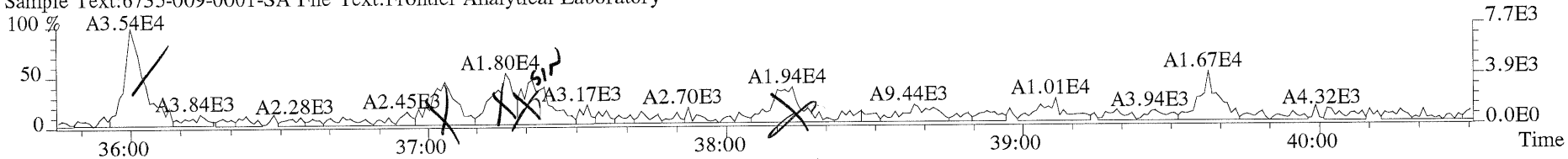
File:10MAY11M #1-412 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



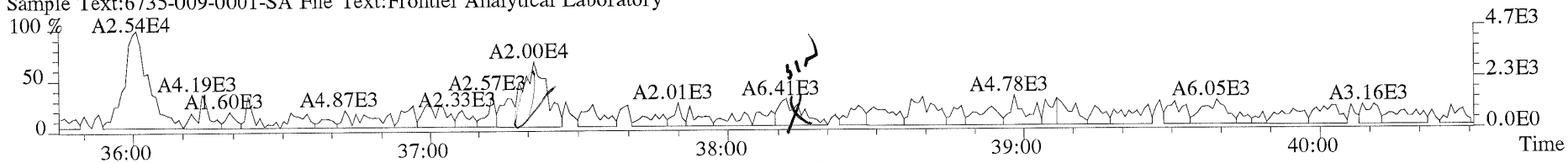
File:10MAY11M #1-412 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:9 F:2 Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



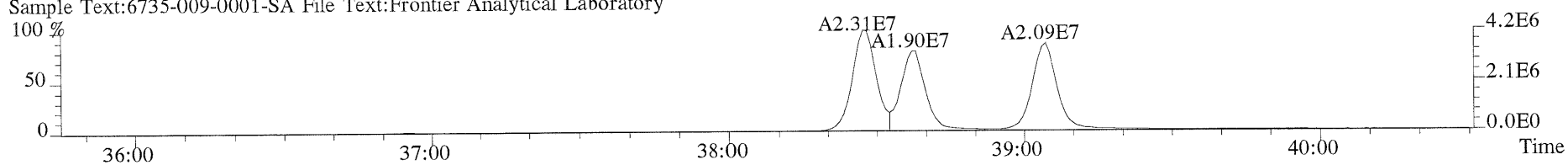
File:10MAY11M #1-477 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



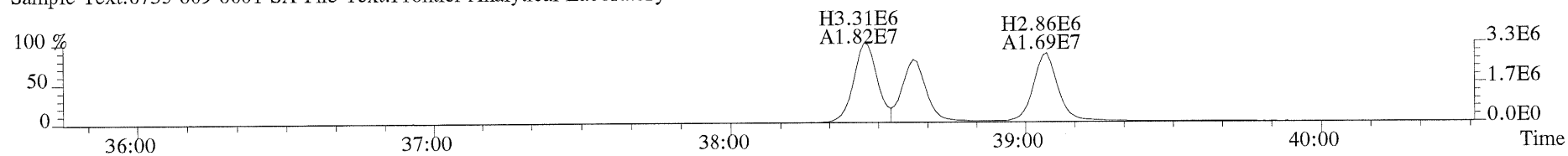
File:10MAY11M #1-477 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



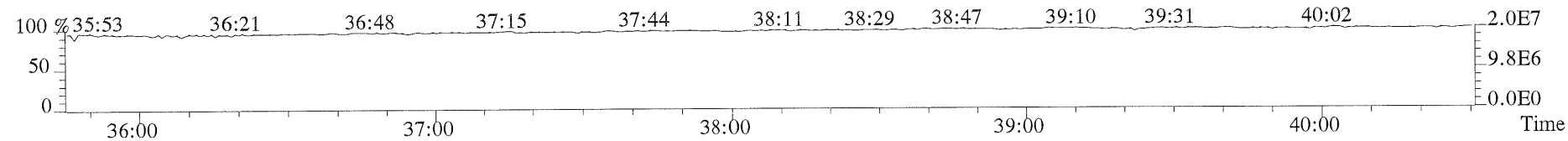
File:10MAY11M #1-477 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



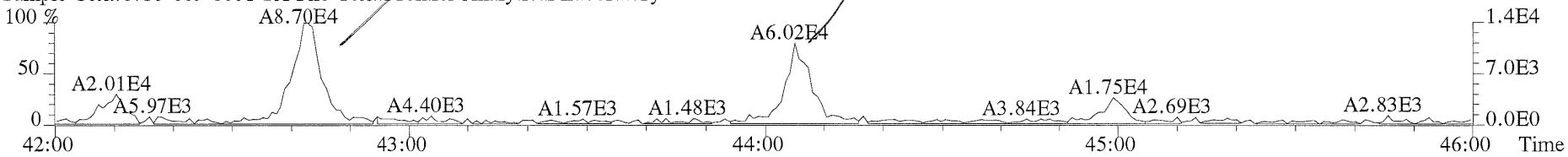
File:10MAY11M #1-477 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



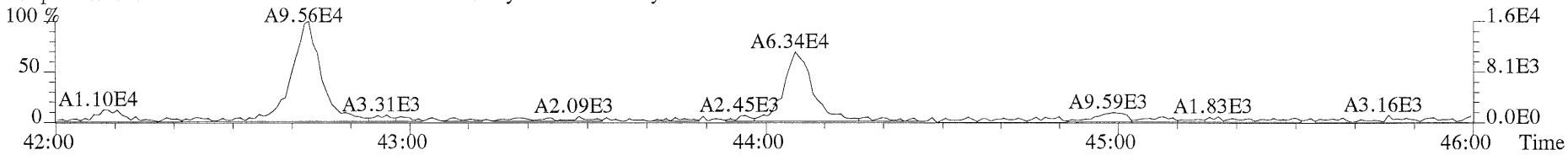
File:10MAY11M #1-477 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:9 F:3 Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



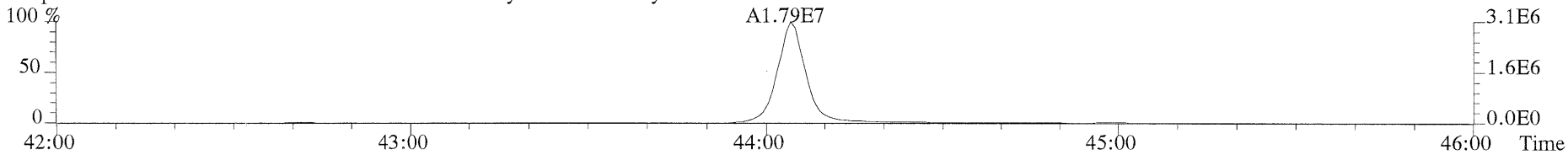
File:10MAY11M #1-541 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



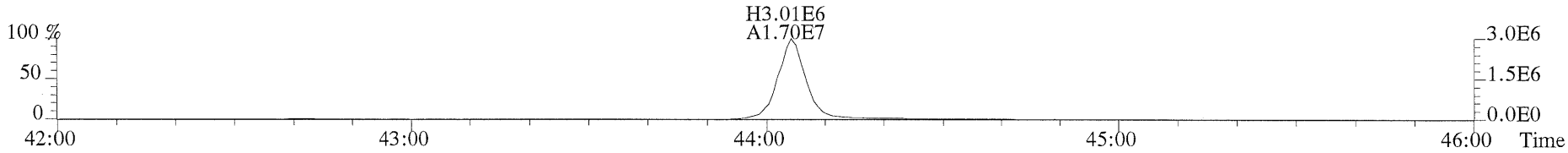
File:10MAY11M #1-541 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



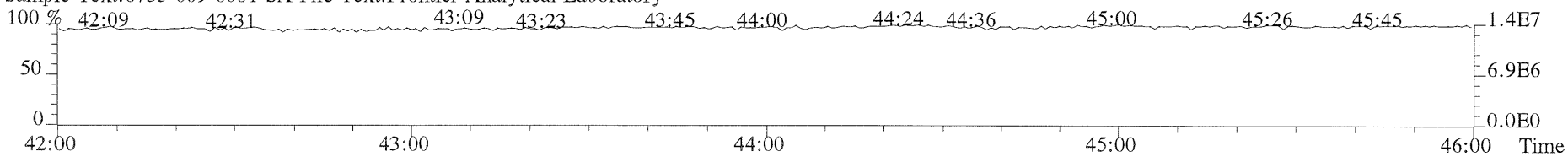
File:10MAY11M #1-541 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



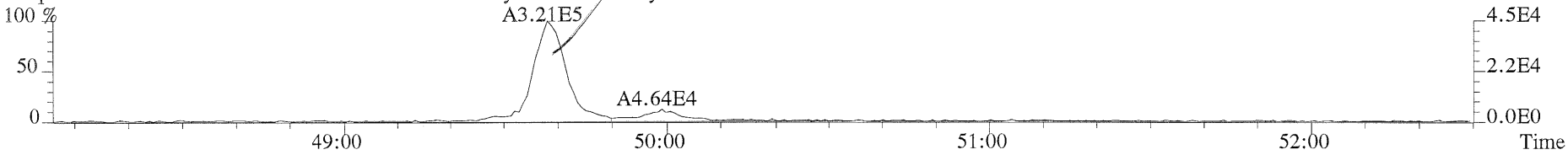
File:10MAY11M #1-541 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



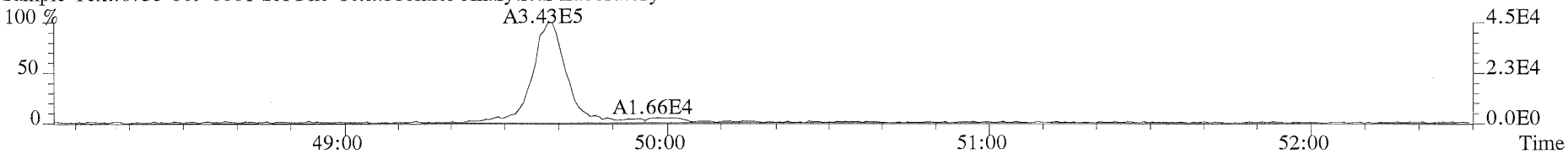
File:10MAY11M #1-541 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:9 F:4 Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



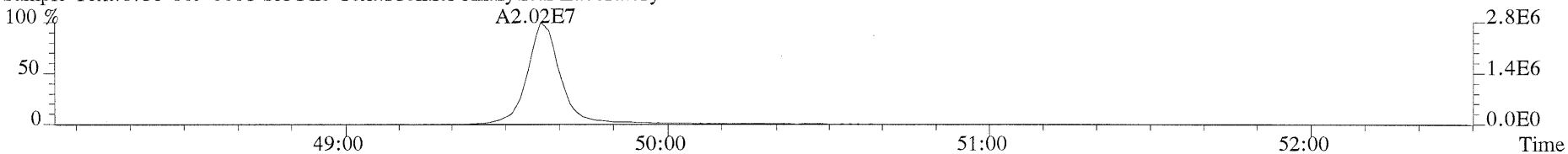
File:10MAY11M #1-347 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



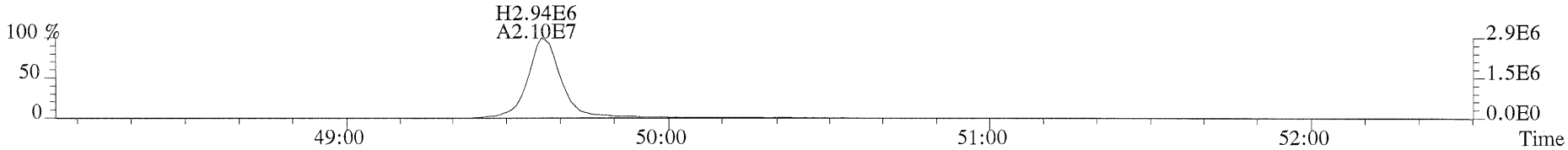
File:10MAY11M #1-347 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



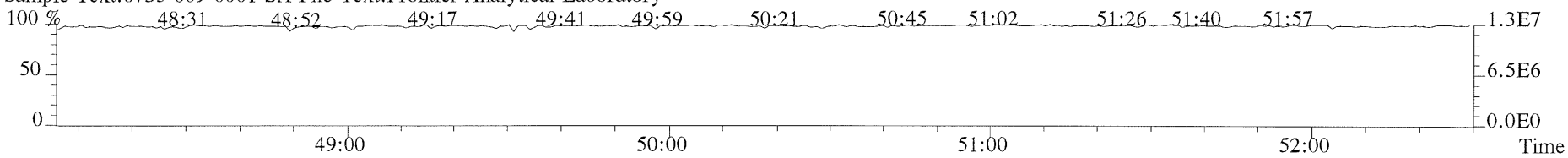
File:10MAY11M #1-347 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



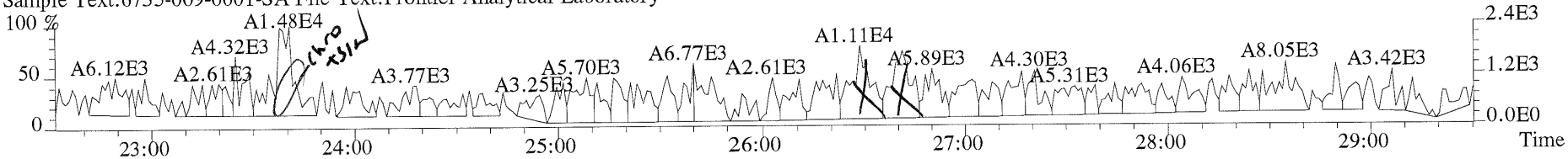
File:10MAY11M #1-347 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



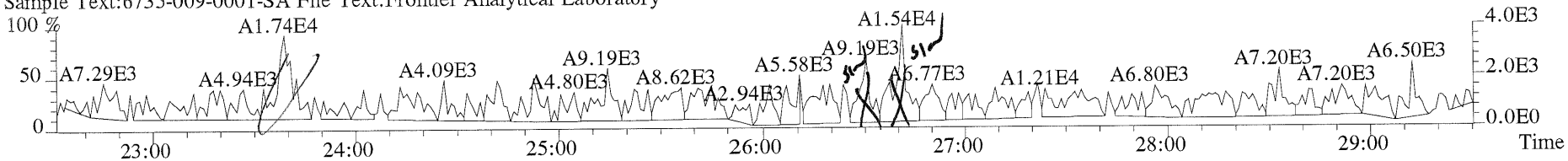
File:10MAY11M #1-347 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:9 F:5 Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



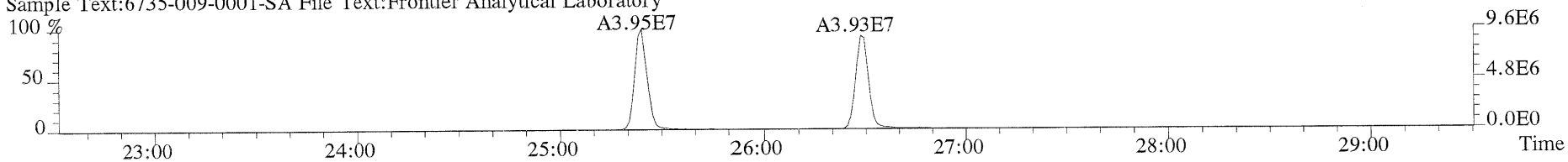
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



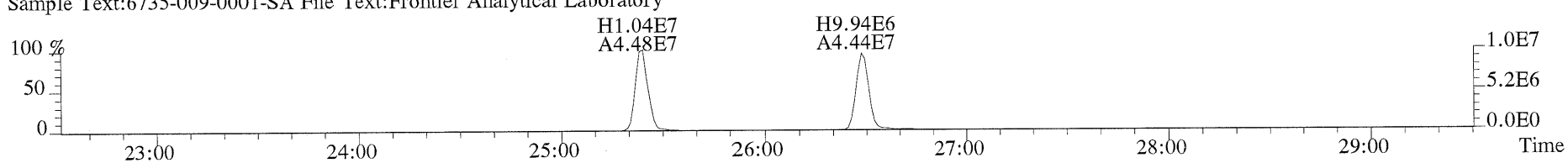
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



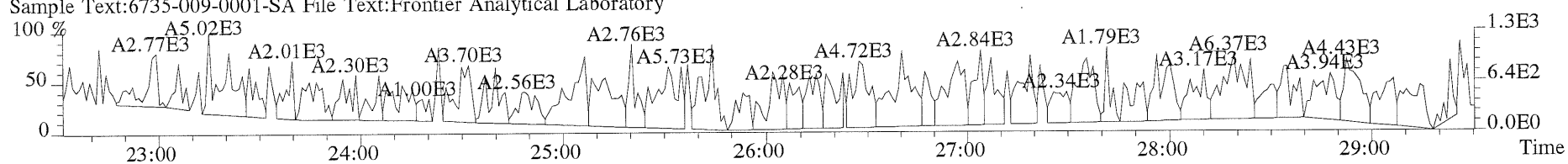
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



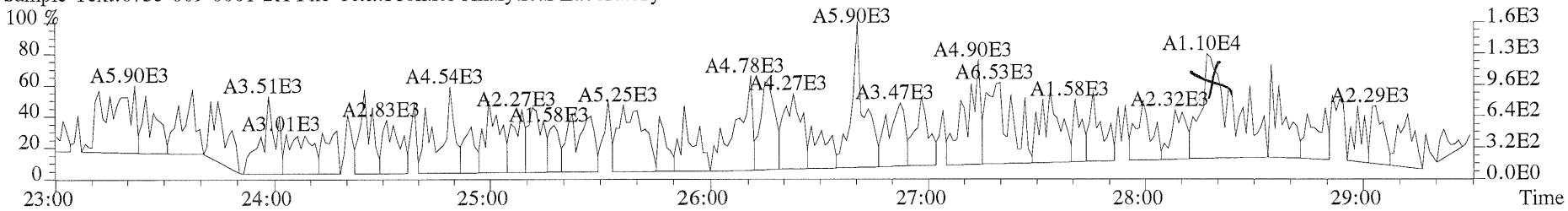
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



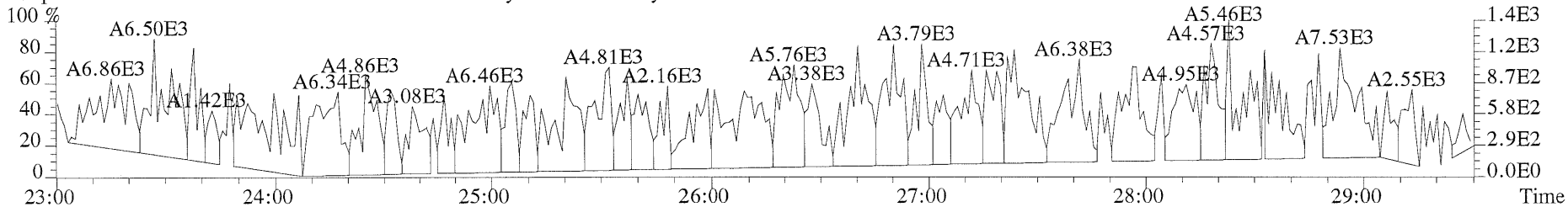
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



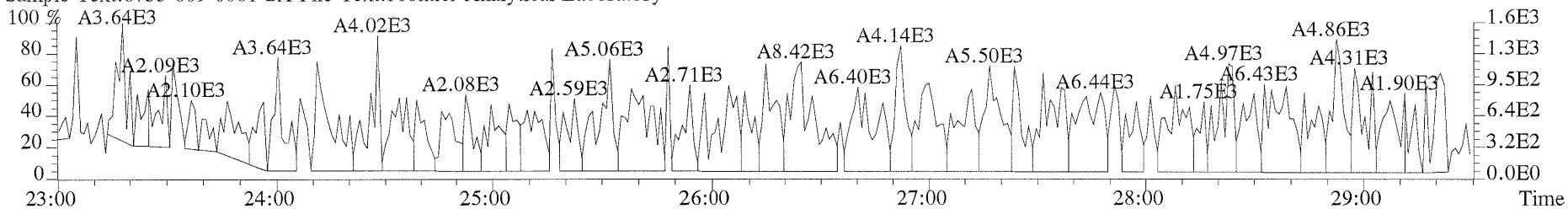
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



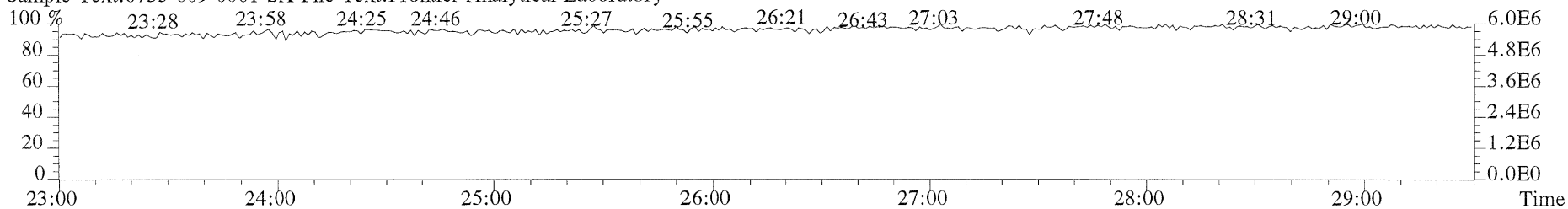
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



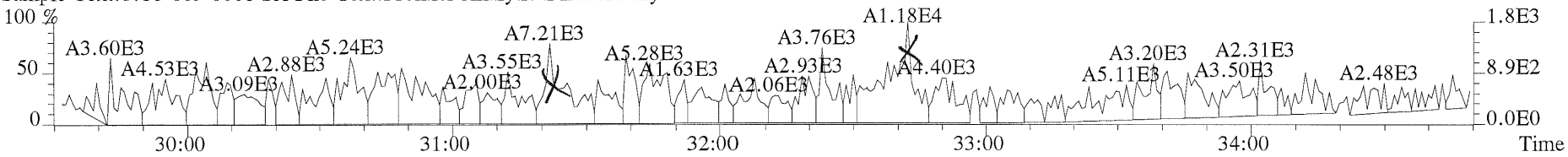
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



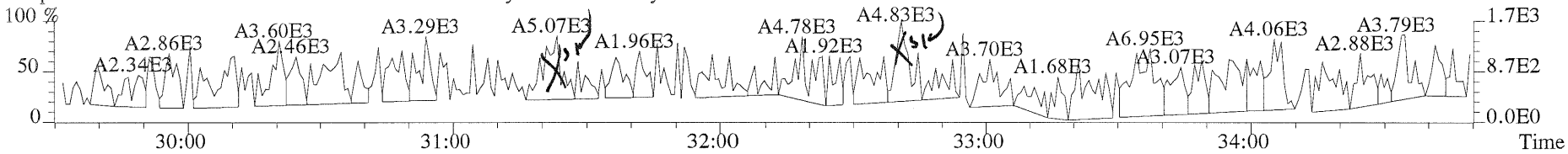
File:10MAY11M #1-425 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:9 Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



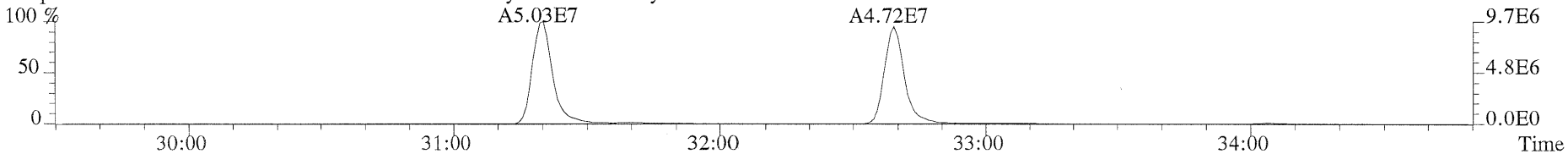
File:10MAY11M #1-412 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



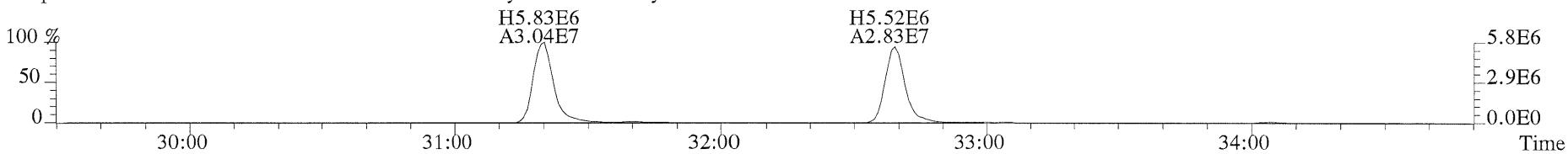
File:10MAY11M #1-412 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



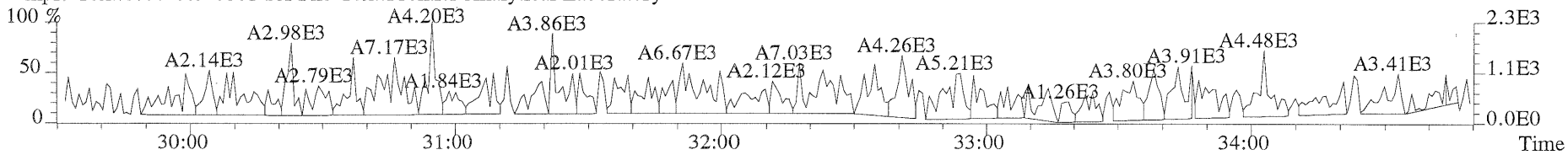
File:10MAY11M #1-412 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



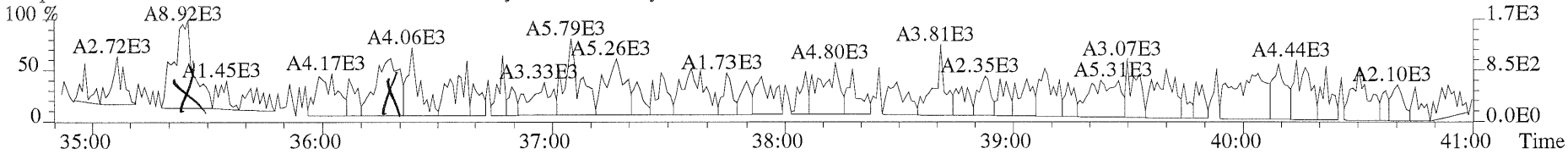
File:10MAY11M #1-412 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



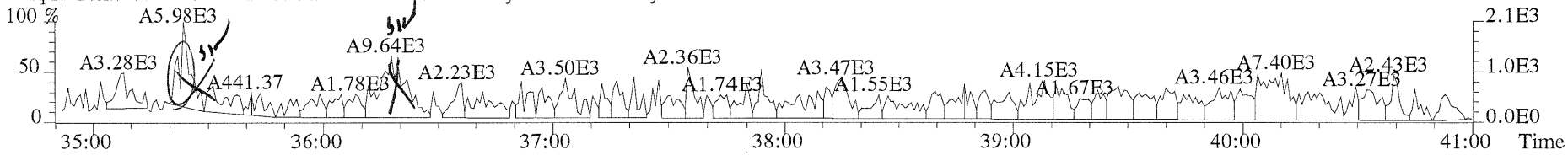
File:10MAY11M #1-412 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



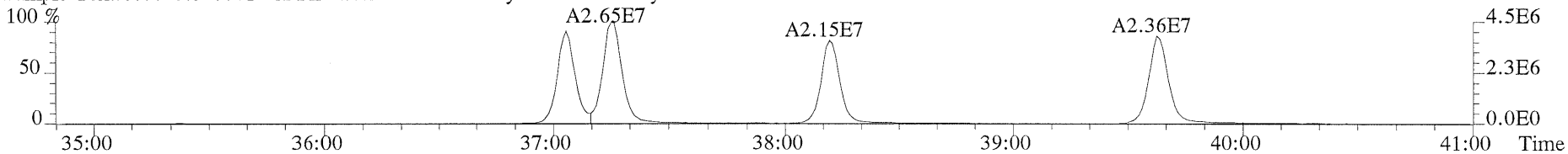
File:10MAY11M #1-477 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



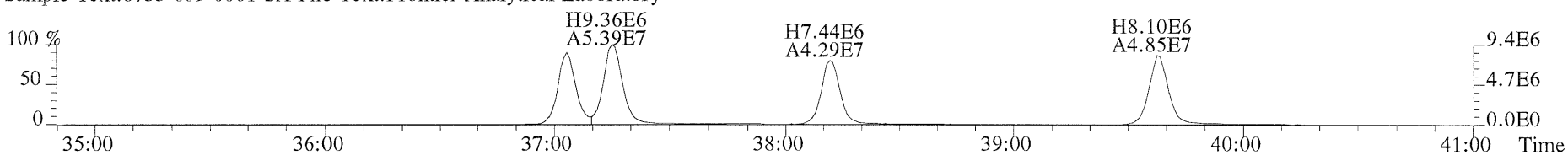
File:10MAY11M #1-477 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



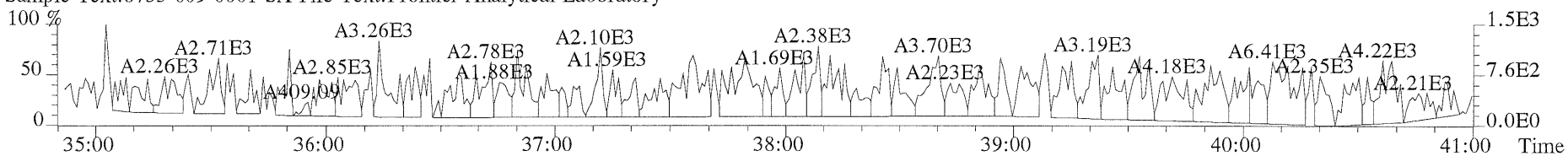
File:10MAY11M #1-477 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



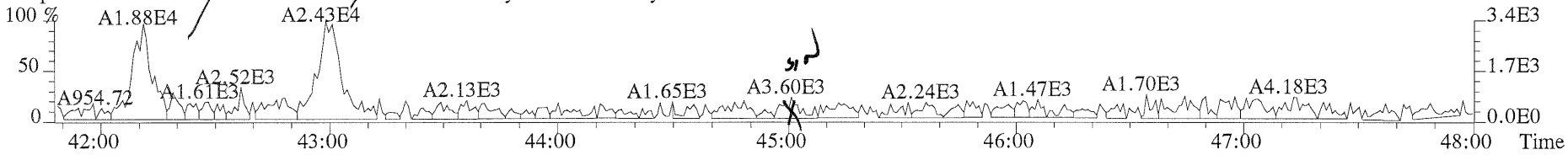
File:10MAY11M #1-477 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



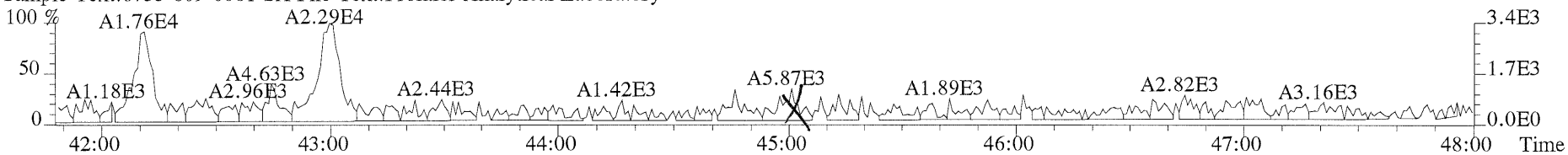
File:10MAY11M #1-477 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



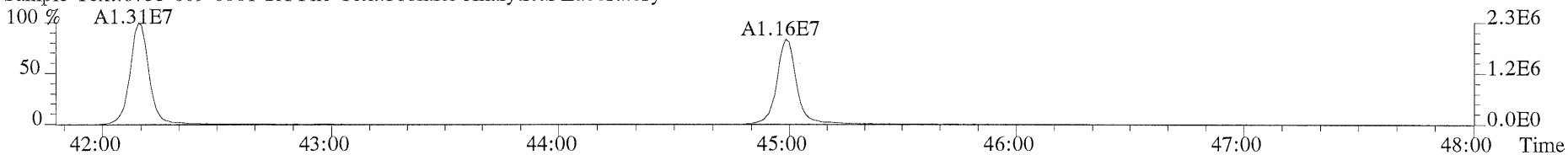
File:10MAY11M #1-541 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



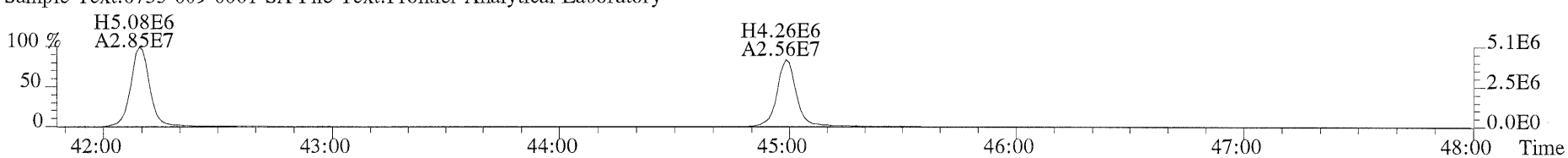
File:10MAY11M #1-541 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



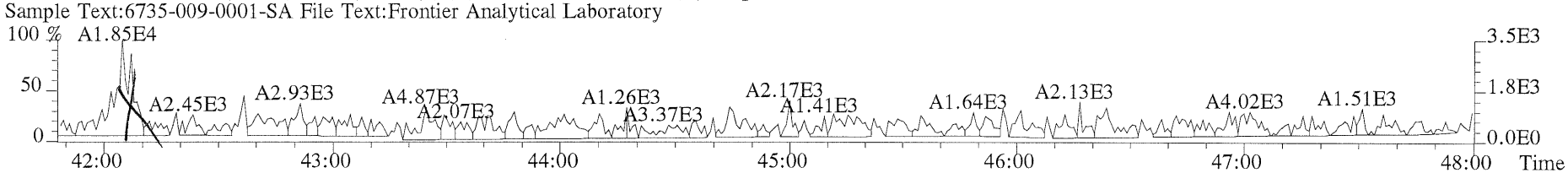
File:10MAY11M #1-541 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



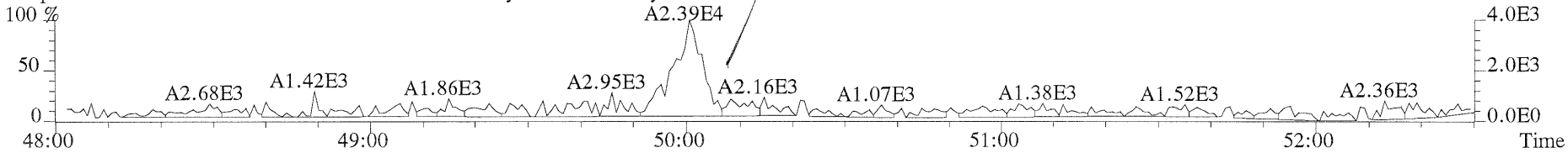
File:10MAY11M #1-541 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



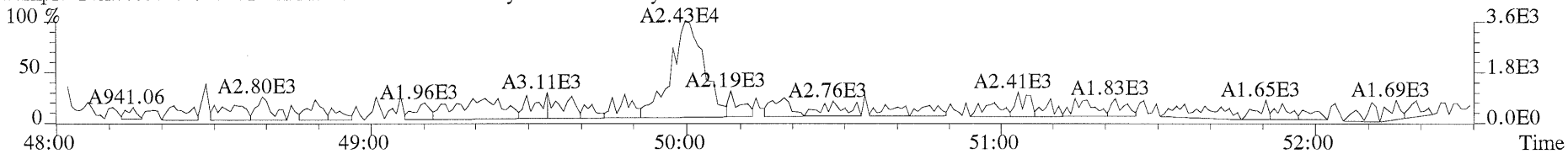
File:10MAY11M #1-541 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



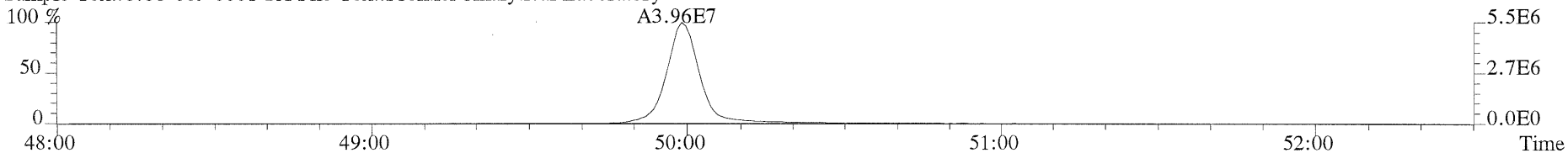
File:10MAY11M #1-347 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



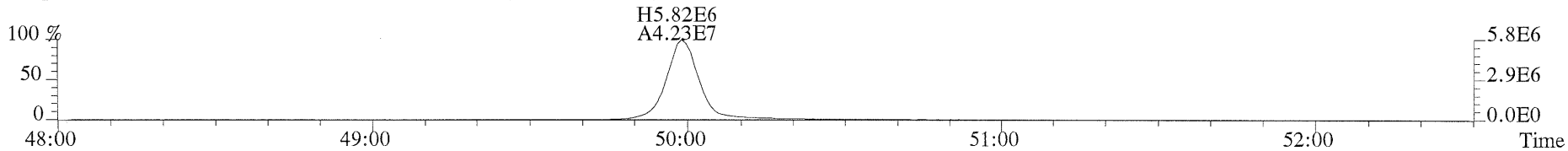
File:10MAY11M #1-347 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



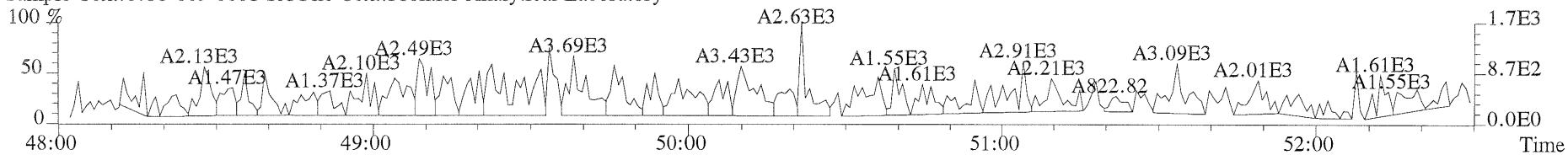
File:10MAY11M #1-347 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-347 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-347 Acq:10-MAY-2011 17:42:29 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-009-0001-SA File Text:Frontier Analytical Laboratory



FAL ID: 6735-010-0001-SA Filename: 10MAY11M Sam:26 Acquired: 11-MAY-11 09:23:20 ICal: PCDDFAL3-3-7-11
Client ID: DMA-TP5-1.5-2-042011 ConCal: ST051011M2 EndCal: ST051011M3
Results: 6735 GC Column: DB5 Amount: 5.030 NATO 1989 Tox: 53.2 59.4
WHO 1998 Tox: 56.7 WHO 2005 Tox: ~~55.3~~ 55.5 DNJ 5/12/11

Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL	
2,3,7,8-TCDD	7.00e+05	0.74 y	27:14	1.13	5.69		2.50	-	-	*	
1,2,3,7,8-PeCDD	9.54e+05	1.48 y	33:04	1.02	8.52		2.50	-	-	*	
1,2,3,4,7,8-HxCDD	2.48e+06	1.29 y	38:27	1.45	17.0		2.50	-	-	*	
1,2,3,6,7,8-HxCDD	7.98e+06	1.29 y	38:37	1.45	66.7		2.50	-	-	*	
1,2,3,7,8,9-HxCDD	4.52e+06	1.32 y	39:03	1.47	33.6		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	2.02e+08	0.92 y	44:04	1.30	1600		2.50	-	-	*	
OCDD	*	* n	NotFnd	1.45	14,700 *	*	2.50	-	-	*	
					5.88 DB225						
2,3,7,8-TCDF	1.77e+06	0.70 y	26:28	1.15	8.61	F	2.50	-	-	*	
1,2,3,7,8-PeCDF	6.67e+05	1.54 y	31:19	0.89	4.20	J	2.50	-	-	*	
2,3,4,7,8-PeCDF	1.11e+06	1.58 y	32:41	0.89	7.29		2.50	-	-	*	
1,2,3,4,7,8-HxCDF	4.07e+06	1.20 y	37:03	1.01	24.6		2.50	-	-	*	
1,2,3,6,7,8-HxCDF	2.34e+06	1.17 y	37:15	0.89	13.3		2.50	-	-	*	
2,3,4,6,7,8-HxCDF	3.18e+06	1.19 y	38:12	1.02	19.4		2.50	-	-	*	
1,2,3,7,8,9-HxCDF	6.83e+05	1.21 y	39:41	1.10	3.40	J	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDF	5.48e+07	1.05 y	42:10	1.48	364		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	2.59e+06	1.04 y	44:59	1.43	20.5		2.50	-	-	*	
OCDF	9.54e+07	0.92 y	49:60	0.84	914		2.50	-	-	*	
										Rec	
13C-2,3,7,8-TCDD	4.31e+07	0.81 y	27:13	1.03	413					104	
13C-1,2,3,7,8-PeCDD	4.38e+07	1.71 y	33:02	1.01	427					107	
13C-1,2,3,4,7,8-HxCDD	4.01e+07	1.27 y	38:26	1.19	375					94.3	
13C-1,2,3,6,7,8-HxCDD	3.27e+07	1.25 y	38:36	0.94	390					98.1	
13C-1,2,3,4,6,7,8-HpCDD	3.85e+07	1.06 y	44:03	0.83	520					131	
13C-OCDD	*	* n	NotFnd	0.61	*	*				*	124
13C-2,3,7,8-TCDF	7.10e+07	0.87 y	26:27	0.98	418					105	
13C-1,2,3,7,8-PeCDF	7.13e+07	1.68 y	31:19	0.83	496					125	
13C-2,3,4,7,8-PeCDF	6.78e+07	1.65 y	32:38	0.80	487					122	
13C-1,2,3,4,7,8-HxCDF	6.53e+07	0.49 y	37:02	1.84	396					99.6	
13C-1,2,3,6,7,8-HxCDF	7.88e+07	0.48 y	37:13	2.29	383					96.4	
13C-2,3,4,6,7,8-HxCDF	6.42e+07	0.48 y	38:10	1.86	385					96.7	
13C-1,2,3,7,8,9-HxCDF	7.24e+07	0.48 y	39:36	1.98	407					102	
13C-1,2,3,4,6,7,8-HpCDF	4.04e+07	0.46 y	42:08	0.99	457					115	
13C-1,2,3,4,7,8,9-HpCDF	3.52e+07	0.46 y	44:58	0.77	512					129	
13C-OCDF	9.84e+07	0.93 y	49:58	1.17	942					118	
37Cl-2,3,7,8-TCDD	1.10e+07		27:14	0.73	149					93.4	
13C-1,2,3,4-TCDD	4.04e+07	0.80 y	26:38	-	21.1						
13C-1,2,3,4-TCDF	6.89e+07	0.87 y	25:23	-	19.0						
13C-1,2,3,7,8,9-HxCDD	3.57e+07	1.24 y	39:03	-	28.6						

							Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	5.80e+06		24:14	1.13	47.2		2.50	-	-	*		16
Total Penta-Dioxins	2.16e+07		30:04	1.02	193		2.50	-	-	*		10
Total Hexa-Dioxins	7.43e+07		35:59	1.46	562		2.50	-	-	*		7
Total Hepta-Dioxins	4.04e+08		42:41	1.30	3200		2.50	-	-	*		2
Total Tetra-Furans	3.08e+07		22:53	1.15	150	D,M	2.50	-	-	*		23
1st Fn. Tot Penta-Furans	1.09e+07		28:17	0.89	70.0	D,M	2.50	-	-	*	PeCDF	1
Total Penta-Furans	1.68e+07		29:54	0.89	108	D,M	2.50	-	-	*	178	13
Total Hexa-Furans	7.06e+07		35:06	1.00	402	D,M	2.50	-	-	*		12
Total Hepta-Furans	1.48e+08		42:10	1.46	1040		2.50	-	-	*		4

Analyst: _____ Date: 5/12/11

Totals class: Total Tetra-Dioxins Entry #: 38

Run: 32 File: 10MAY11M S: 26 I: 1 F: 1
Acquired: 11-MAY-11 09:23:20

Total Concentration: 47.2 Unnamed Concentration: 41.489

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
24:14	5.13e+05	6.89e+05	0.74	y	1.20e+06	9.78	
24:31	4.84e+05	6.19e+05	0.78	y	1.10e+06	8.97	
24:50	1.76e+05	2.12e+05	0.83	y	3.88e+05	3.16	
25:27	4.54e+04	5.50e+04	0.83	y	1.00e+05	0.816	
25:37	1.59e+05	2.08e+05	0.76	y	3.67e+05	2.98	
25:47	3.92e+05	5.09e+05	0.77	y	9.02e+05	7.33	
25:57	6.87e+04	8.93e+04	0.77	y	1.58e+05	1.28	
26:09	4.61e+04	5.43e+04	0.85	y	1.00e+05	0.816	
26:18	6.18e+04	8.44e+04	0.73	y	1.46e+05	1.19	
26:40	9.43e+04	1.18e+05	0.80	y	2.12e+05	1.72	
26:59	7.46e+04	9.61e+04	0.78	y	1.71e+05	1.39	
27:14	2.97e+05	4.03e+05	0.74	y	7.00e+05	5.69	2,3,7,8-TCDD
27:32	5.15e+04	6.78e+04	0.76	y	1.19e+05	0.970	
27:39	1.50e+04	1.98e+04	0.76	y	3.48e+04	0.283	
27:57	2.41e+04	3.57e+04	0.68	y	5.99e+04	0.487	
28:11	1.68e+04	2.16e+04	0.78	y	3.84e+04	0.312	

Totals class: Total Penta-Dioxins Entry #: 39

Run: 32 File: 10MAY11M S: 26 I: 1 F: 2
Acquired: 11-MAY-11 09:23:20

Total Concentration: 193 Unnamed Concentration: 184.406

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:04	8.56e+06	5.56e+06	1.54	y	1.41e+07	126	
30:41	3.13e+05	2.08e+05	1.51	y	5.21e+05	4.65	
31:19	8.44e+05	5.52e+05	1.53	y	1.40e+06	12.5	
31:33	1.16e+06	7.75e+05	1.49	y	1.93e+06	17.3	
31:41	5.38e+05	3.53e+05	1.52	y	8.91e+05	7.97	
31:59	5.52e+05	3.54e+05	1.56	y	9.06e+05	8.10	
32:28	2.09e+05	1.43e+05	1.46	y	3.53e+05	3.15	
33:04	5.69e+05	3.85e+05	1.48	y	9.54e+05	8.52	1,2,3,7,8-PeCDD
33:11	1.66e+05	1.11e+05	1.49	y	2.77e+05	2.48	
33:38	1.36e+05	9.51e+04	1.43	y	2.31e+05	2.06	

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 32 File: 10MAY11M S: 26 I: 1 F: 3
Acquired: 11-MAY-11 09:23:20

Total Concentration: 562 Unnamed Concentration: 444.824

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
35:59	1.59e+07	1.22e+07	1.30	y	2.81e+07	211	
36:55	2.09e+06	1.58e+06	1.33	y	3.67e+06	27.5	
37:21	1.52e+07	1.16e+07	1.31	y	2.67e+07	201	
38:27	1.40e+06	1.09e+06	1.29	y	2.48e+06	17.0	1,2,3,4,7,8-HxCDD
38:37	4.49e+06	3.49e+06	1.29	y	7.98e+06	66.7	1,2,3,6,7,8-HxCDD
38:55	4.37e+05	3.62e+05	1.21	y	7.99e+05	5.99	
39:03	2.57e+06	1.95e+06	1.32	y	4.52e+06	33.6	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 32 File: 10MAY11M S: 26 I: 1 F: 4
Acquired: 11-MAY-11 09:23:20

Total Concentration: 3200 Unnamed Concentration: 1599.807

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:41	9.64e+07	1.05e+08	0.92 y	2.02e+08	1600	
44:04	9.69e+07	1.05e+08	0.92 y	2.02e+08	1600	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans Entry #: 42

Run: 32 File: 10MAY11M S: 26 I: 1 F: 1
Acquired: 11-MAY-11 09:23:20

Total Concentration: 150 Unnamed Concentration: 141.491

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
22:53	2.05e+05	2.92e+05	0.70	y	4.96e+05	2.42	
23:15	3.52e+05	5.32e+05	0.66	y	8.84e+05	4.31	
23:38	1.32e+06	1.93e+06	0.68	y	3.24e+06	15.8	
24:01	1.02e+06	1.54e+06	0.67	y	2.56e+06	12.5	
24:16	1.43e+06	2.15e+06	0.66	y	3.58e+06	17.5	
24:34	7.85e+05	1.18e+06	0.67	y	1.96e+06	9.59	
24:41	3.49e+05	5.05e+05	0.69	y	8.55e+05	4.17	
24:48	4.89e+05	7.38e+05	0.66	y	1.23e+06	5.99	
25:09	4.09e+05	6.22e+05	0.66	y	1.03e+06	5.03	
25:16	8.25e+05	1.22e+06	0.68	y	2.05e+06	9.99	
25:23	1.04e+06	1.52e+06	0.69	y	2.56e+06	12.5	
25:45	5.72e+05	8.57e+05	0.67	y	1.43e+06	6.97	
25:59	2.58e+05	3.79e+05	0.68	y	6.37e+05	3.11	
26:07	1.68e+05	2.51e+05	0.67	y	4.19e+05	2.05	
26:23	6.80e+05	1.01e+06	0.67	y	1.69e+06	8.24	
26:28	7.27e+05	1.04e+06	0.70	y	1.77e+06	8.61	2,3,7,8-TCDF
26:48	7.71e+05	1.12e+06	0.69	y	1.89e+06	9.24	
27:02	7.81e+04	9.96e+04	0.78	y	1.78e+05	0.867	
27:14	8.56e+04	1.12e+05	0.77	y	1.97e+05	0.962	
27:43	2.62e+05	3.76e+05	0.70	y	6.38e+05	3.11	
27:56	1.92e+05	2.84e+05	0.67	y	4.76e+05	2.32	
28:18	2.98e+05	4.43e+05	0.67	y	7.41e+05	3.61	
28:44	1.06e+05	1.47e+05	0.72	y	2.53e+05	1.23	

Totals class: 1st Fn. Tot Penta-Furans Entry #: 43

Run: 32 File: 10MAY11M S: 26 I: 1 F: 1
Acquired: 11-MAY-11 09:23:20

Total Concentration: 70.0 Unnamed Concentration: 70.013

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:17	6.60e+06	4.29e+06	1.54 y	1.09e+07	70.0	

Totals class: Total Penta-Furans Entry #: 44

Run: 32 File: 10MAY11M S: 26 I: 1 F: 2
Acquired: 11-MAY-11 09:23:20

Total Concentration: 108 Unnamed Concentration: 96.446

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
29:54	7.90e+05	5.05e+05	1.56 y	1.29e+06	8.32	
30:04	4.11e+06	2.72e+06	1.51 y	6.83e+06	43.9	
30:32	3.03e+05	2.04e+05	1.49 y	5.06e+05	3.25	
30:46	1.67e+06	1.09e+06	1.53 y	2.76e+06	17.8	
31:05	4.10e+05	2.60e+05	1.57 y	6.70e+05	4.31	
31:19	4.05e+05	2.62e+05	1.54 y	6.67e+05	4.20	1,2,3,7,8-PeCDF
31:40	7.81e+05	4.96e+05	1.58 y	1.28e+06	8.21	
31:57	7.55e+04	5.71e+04	1.32 y	1.33e+05	0.853	
32:21	5.26e+04	3.22e+04	1.63 y	8.49e+04	0.546	
32:31	2.24e+05	1.43e+05	1.57 y	3.66e+05	2.35	
32:41	6.80e+05	4.29e+05	1.58 y	1.11e+06	7.29	2,3,4,7,8-PeCDF
32:42	5.42e+05	3.20e+05	1.69 y	8.62e+05	5.54	
34:00	1.30e+05	8.25e+04	1.58 y	2.13e+05	1.37	

Totals class: Total Hexa-Furans Entry #: 45

Run: 32 File: 10MAY11M S: 26 I: 1 F: 3
Acquired: 11-MAY-11 09:23:20

Total Concentration: 402 Unnamed Concentration: 341.428

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
35:06	4.49e+06	3.70e+06	1.21	y	8.19e+06	46.4	
35:22	1.42e+07	1.17e+07	1.21	y	2.59e+07	147	
35:41	1.95e+05	1.66e+05	1.17	y	3.61e+05	2.04	
35:58	4.50e+05	4.12e+05	1.09	y	8.62e+05	4.88	
36:16	1.24e+07	1.02e+07	1.22	y	2.26e+07	128	
36:53	4.68e+05	4.23e+05	1.10	y	8.91e+05	5.05	
37:03	2.22e+06	1.85e+06	1.20	y	4.07e+06	24.6	1,2,3,4,7,8-HxCDF
37:15	1.26e+06	1.08e+06	1.17	y	2.34e+06	13.3	1,2,3,6,7,8-HxCDF
37:43	4.64e+05	4.09e+05	1.13	y	8.73e+05	4.94	
37:59	2.80e+05	2.60e+05	1.08	y	5.40e+05	3.06	
38:12	1.73e+06	1.45e+06	1.19	y	3.18e+06	19.4	2,3,4,6,7,8-HxCDF
39:41	3.74e+05	3.08e+05	1.21	y	6.83e+05	3.40	1,2,3,7,8,9-HxCDF

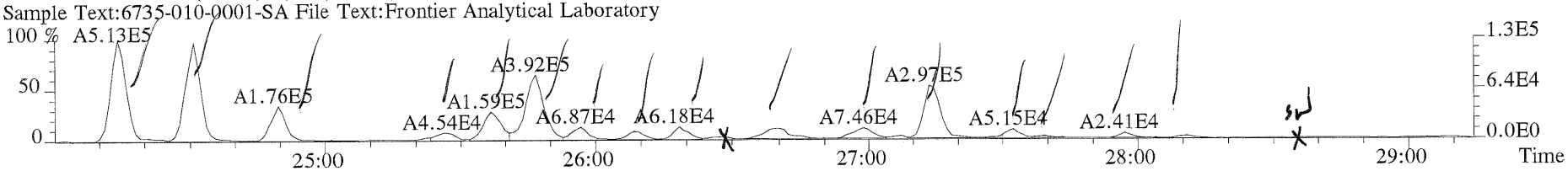
Totals class: Total Hepta-Furans Entry #: 46

Run: 32 File: 10MAY11M S: 26 I: 1 F: 4
Acquired: 11-MAY-11 09:23:20

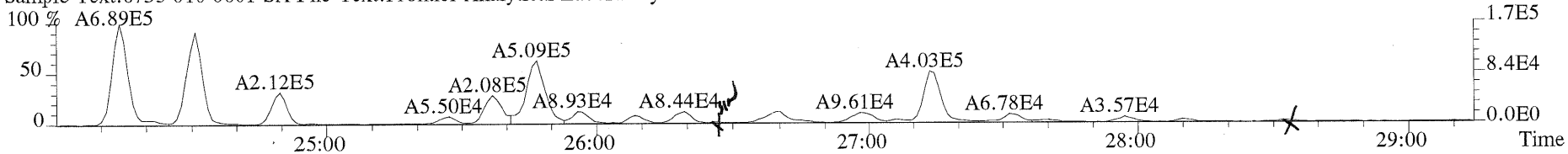
Total Concentration: 1040 Unnamed Concentration: 651.966

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:10	2.81e+07	2.68e+07	1.05 y	5.48e+07	364	1,2,3,4,6,7,8-HpCDF
42:42	5.44e+05	5.25e+05	1.04 y	1.07e+06	7.71	
42:59	4.59e+07	4.34e+07	1.06 y	8.93e+07	644	
44:59	1.32e+06	1.27e+06	1.04 y	2.59e+06	20.5	1,2,3,4,7,8,9-HpCDF

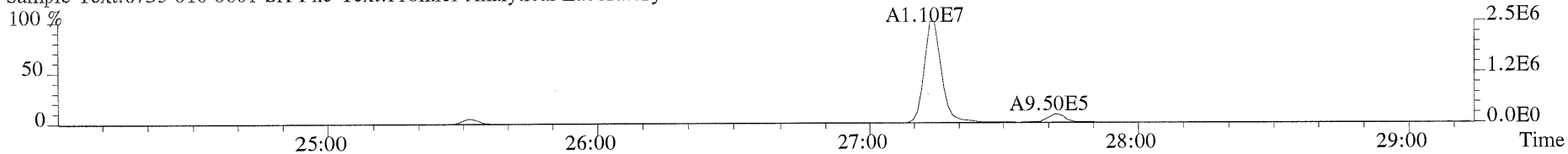
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:26 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



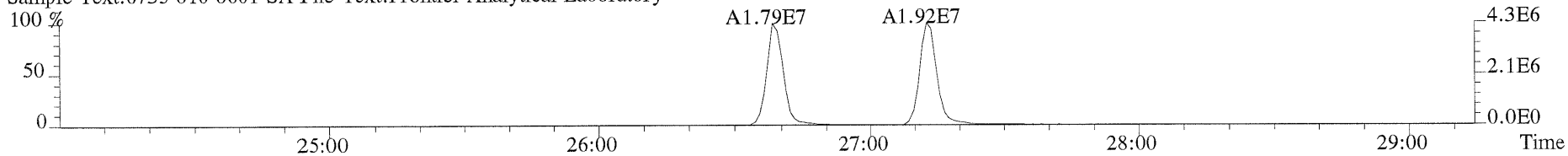
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:26 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



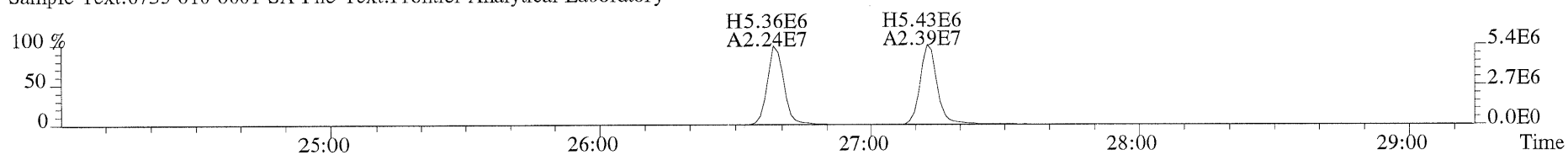
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:26 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



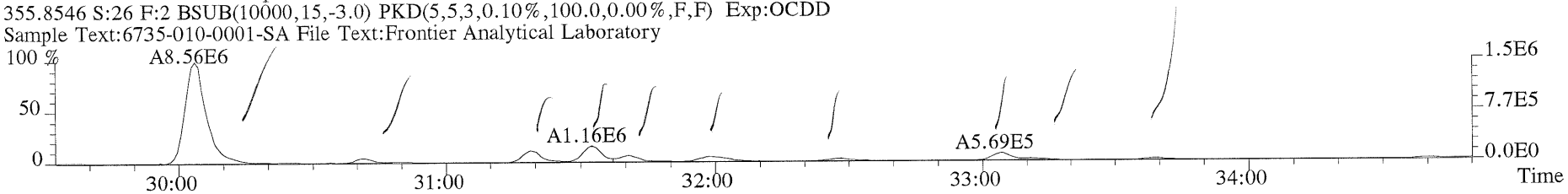
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:26 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



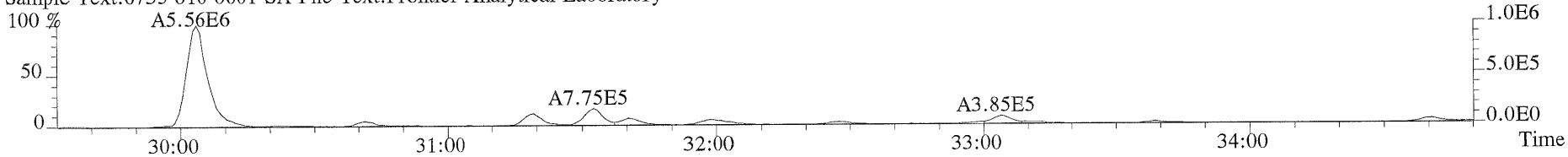
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:26 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



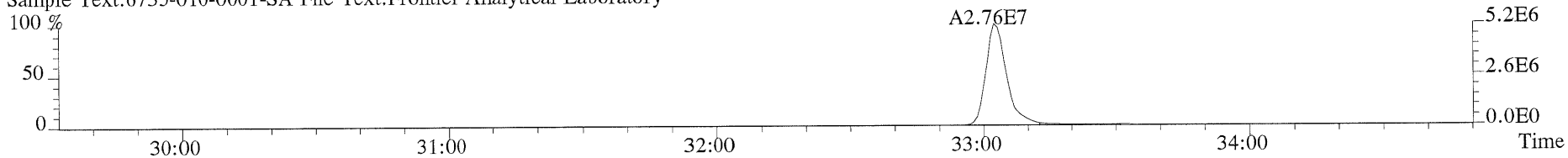
File:10MAY11M #1-411 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:26 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



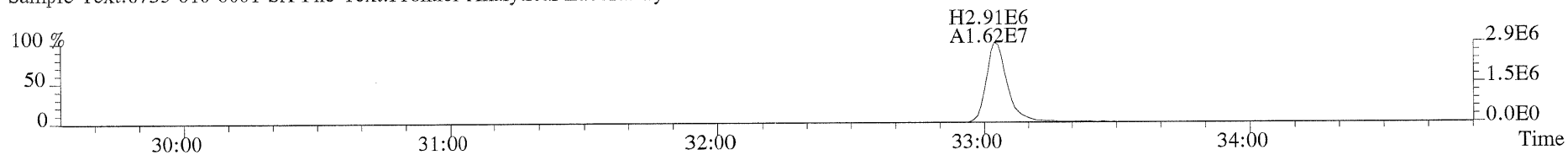
File:10MAY11M #1-411 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:26 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



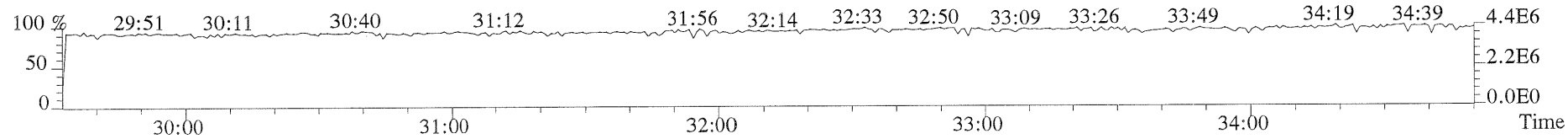
File:10MAY11M #1-411 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:26 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



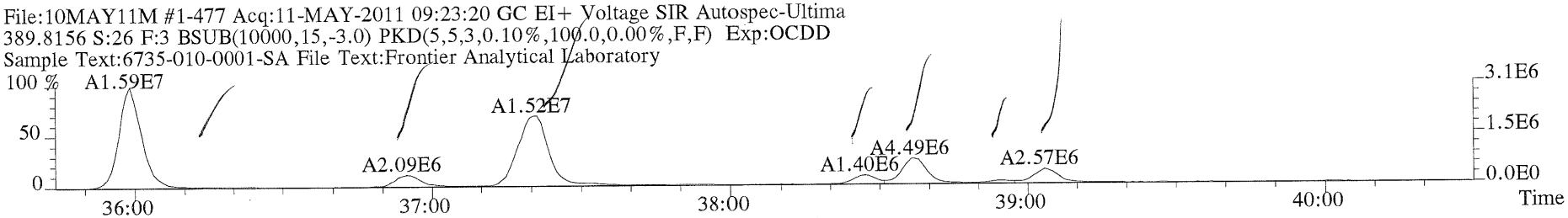
File:10MAY11M #1-411 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:26 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



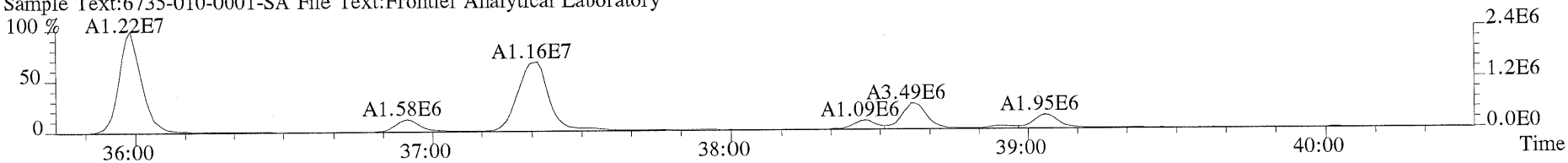
File:10MAY11M #1-411 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:26 F:2 Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



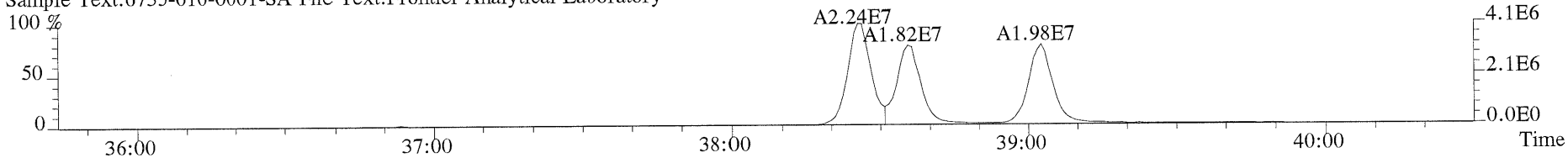
File:10MAY11M #1-477 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:26 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



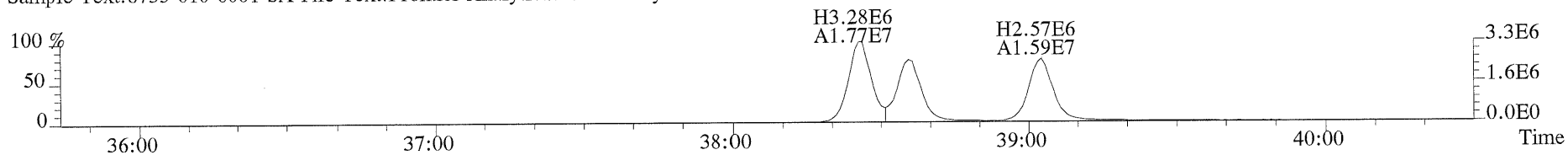
File:10MAY11M #1-477 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:26 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



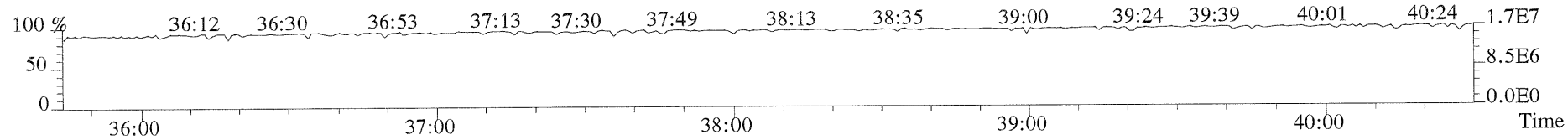
File:10MAY11M #1-477 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:26 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



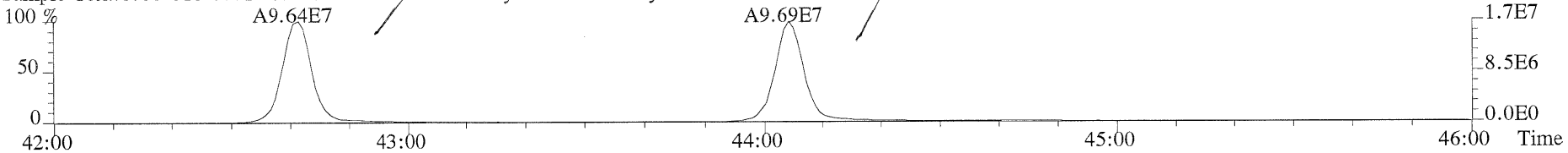
File:10MAY11M #1-477 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:26 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



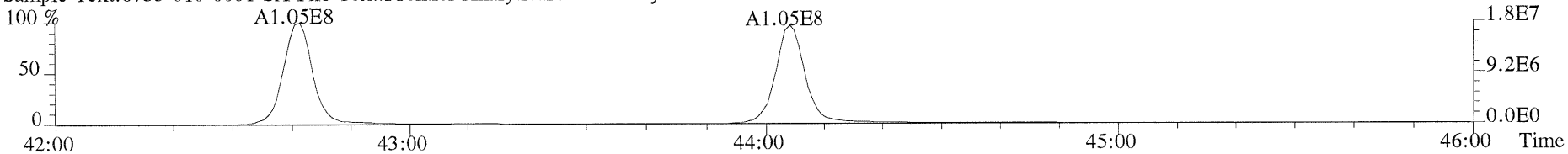
File:10MAY11M #1-477 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:26 F:3 Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



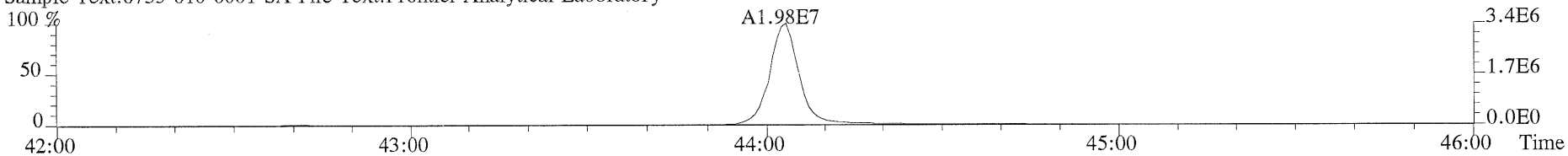
File:10MAY11M #1-541 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:26 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



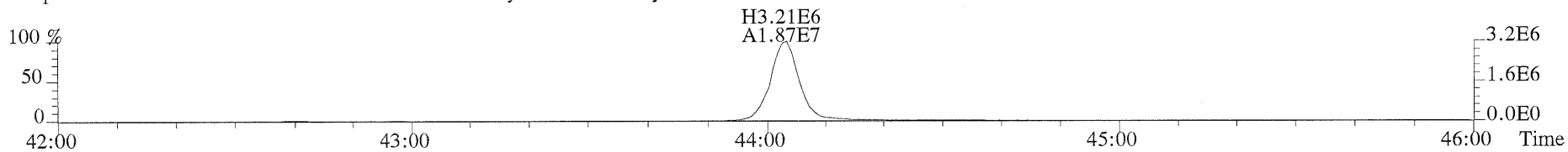
File:10MAY11M #1-541 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:26 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



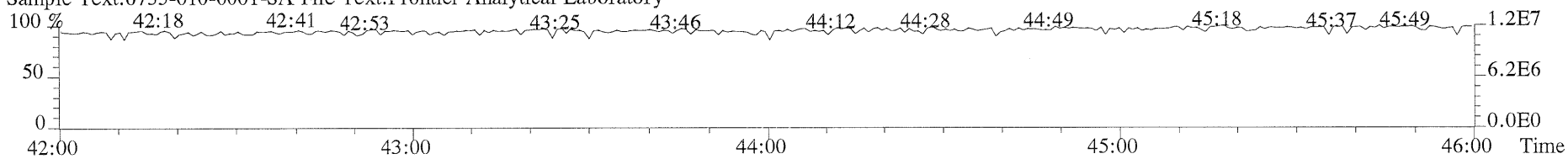
File:10MAY11M #1-541 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:26 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



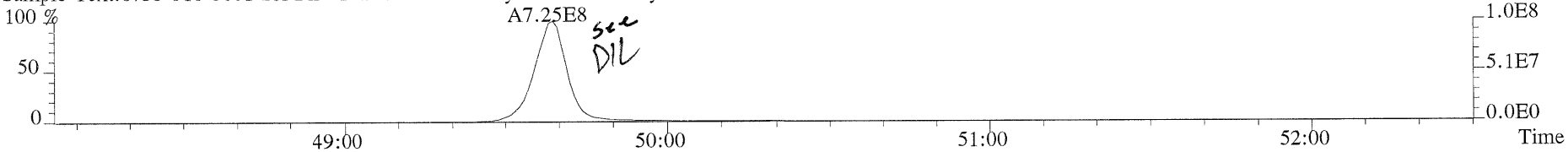
File:10MAY11M #1-541 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:26 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



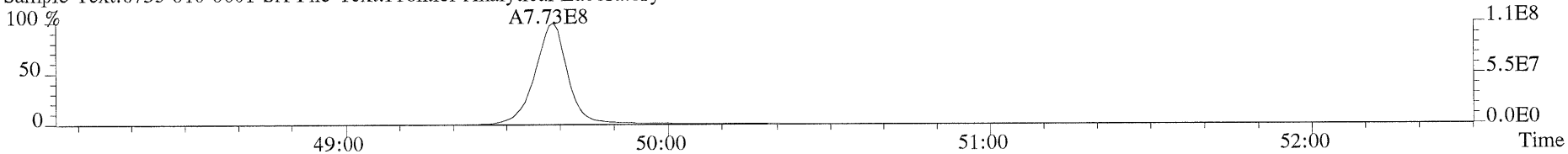
File:10MAY11M #1-541 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:26 F:4 Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



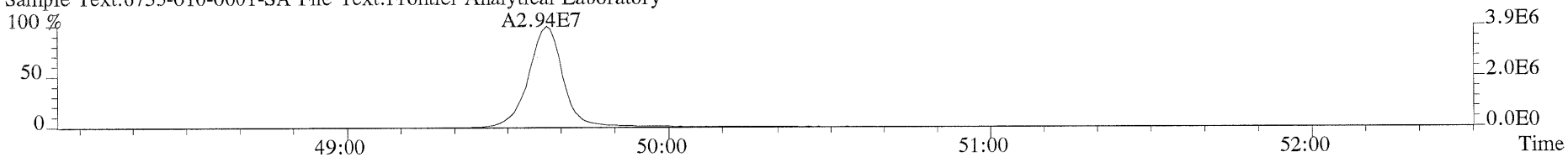
File:10MAY11M #1-348 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:26 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



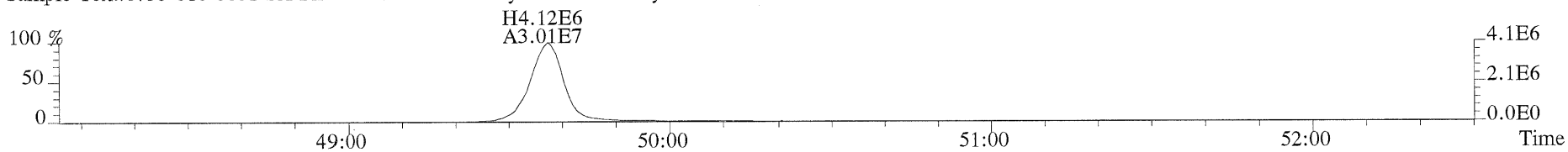
File:10MAY11M #1-348 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:26 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



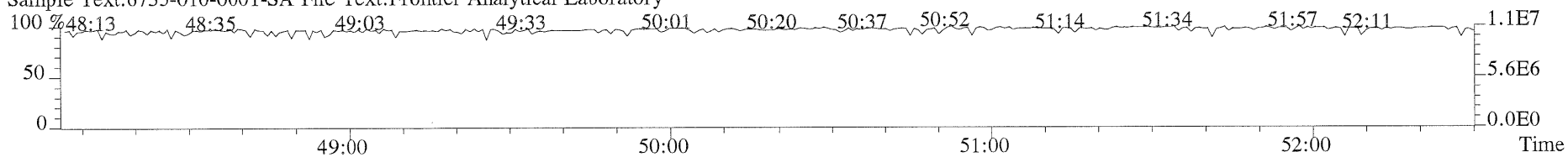
File:10MAY11M #1-348 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:26 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



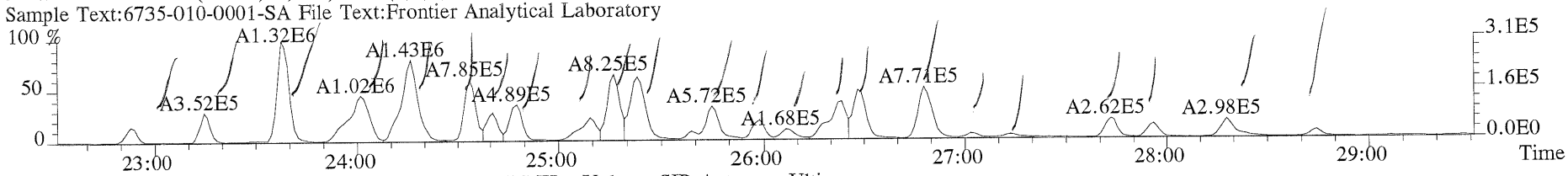
File:10MAY11M #1-348 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:26 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



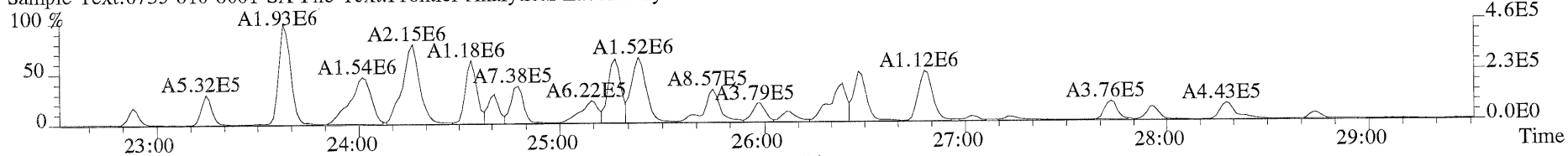
File:10MAY11M #1-348 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:26 F:5 Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



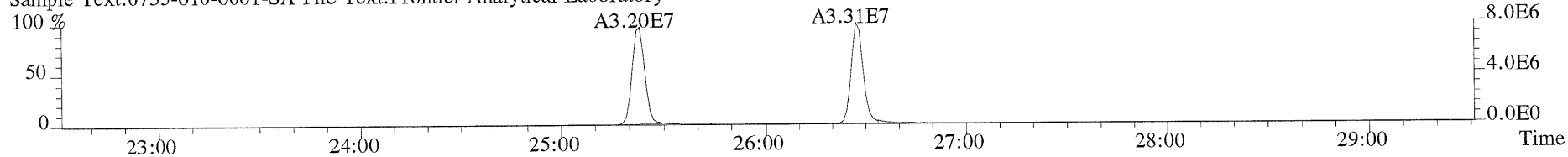
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:26 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



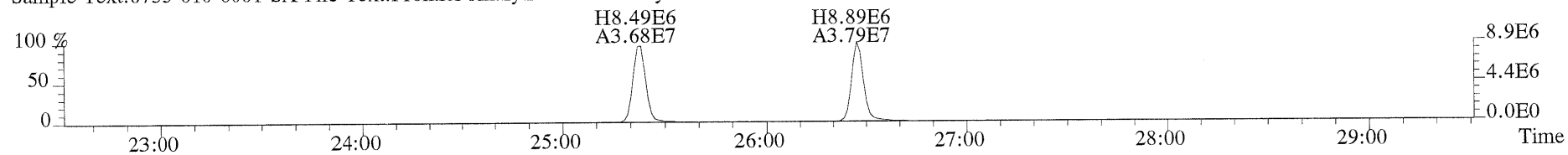
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:26 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



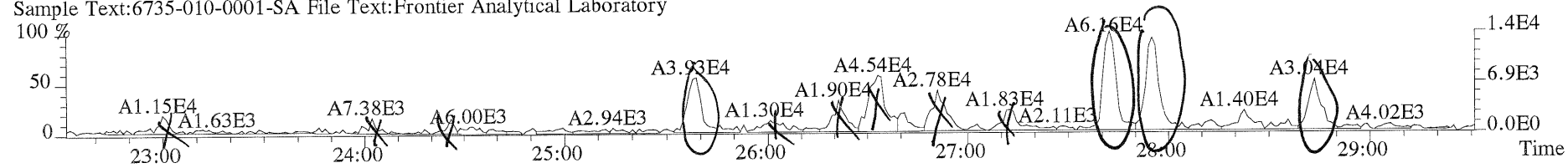
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:26 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



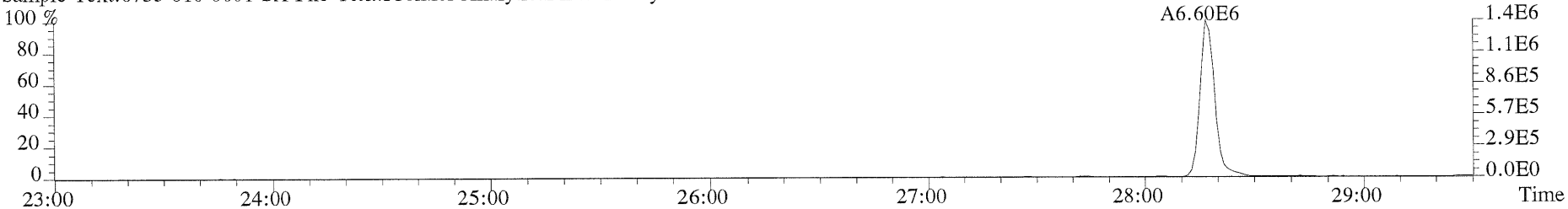
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:26 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



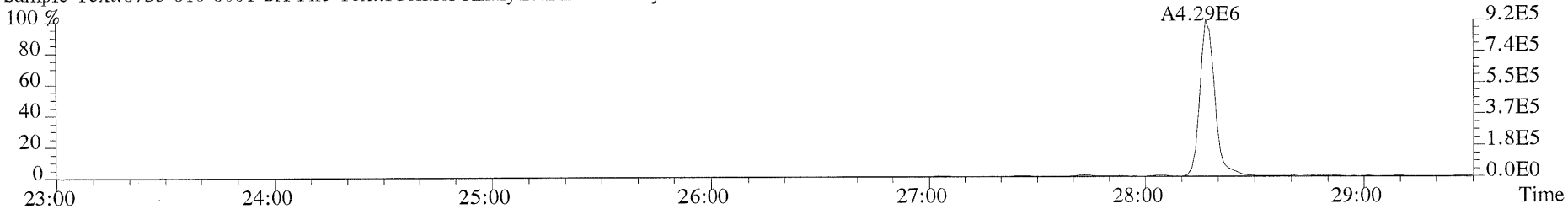
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:26 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



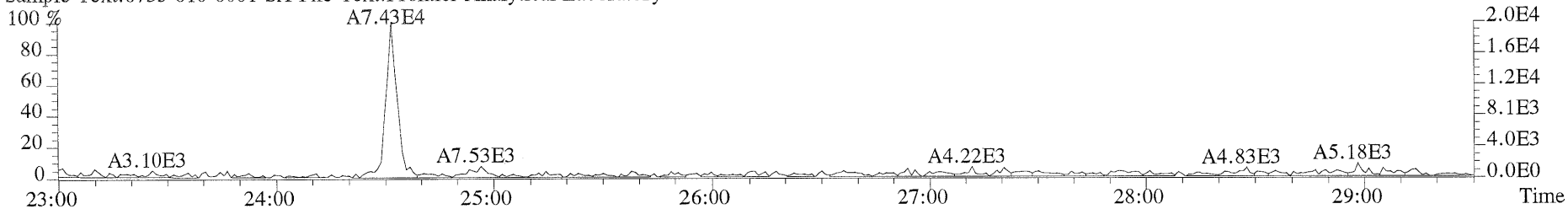
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:26 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



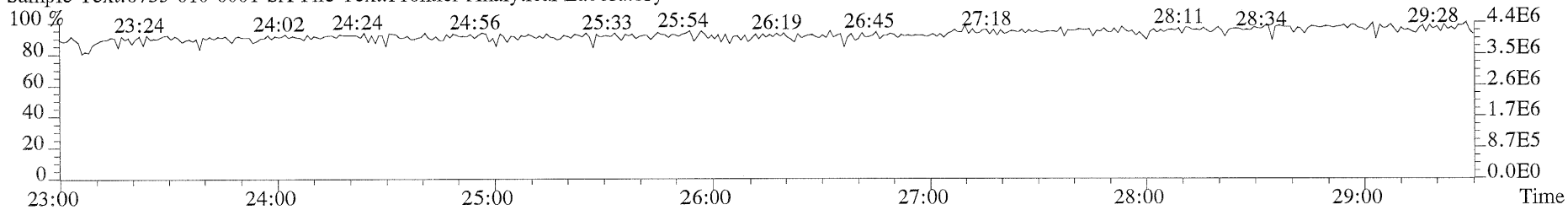
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:26 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



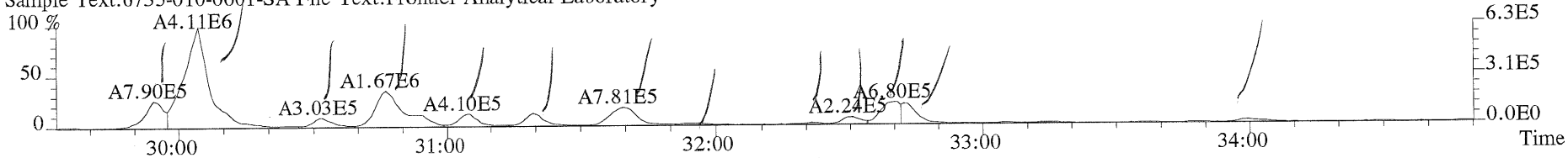
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:26 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



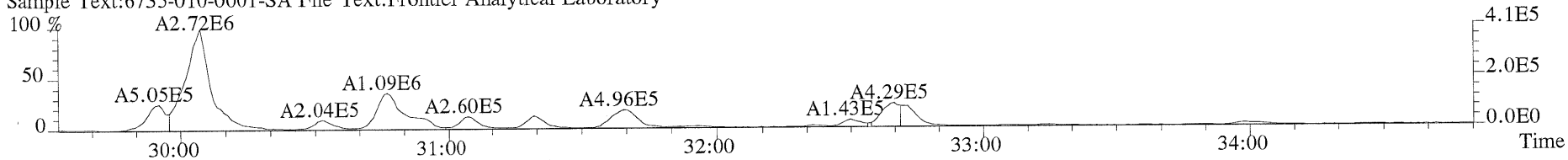
File:10MAY11M #1-426 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:26 Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



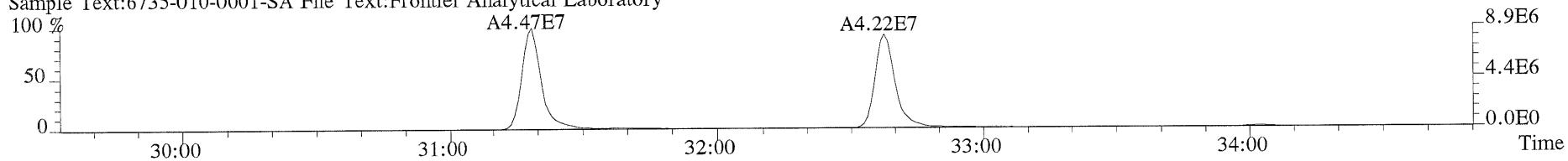
File:10MAY11M #1-411 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:26 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



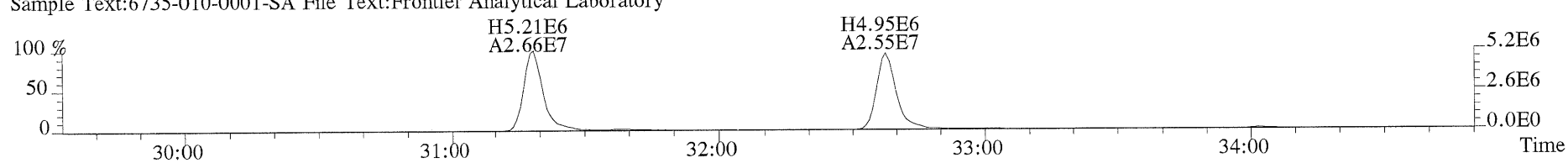
File:10MAY11M #1-411 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:26 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



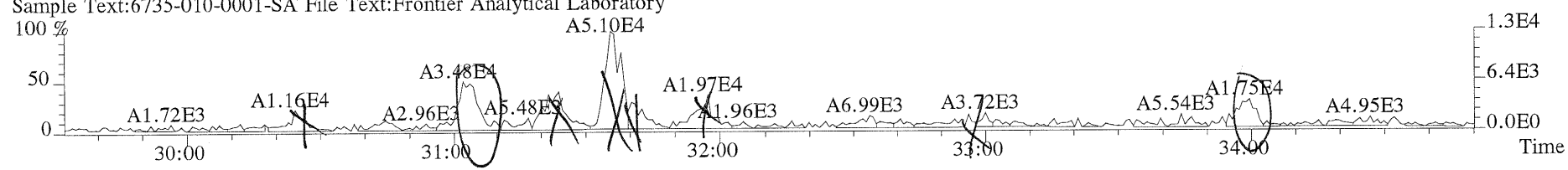
File:10MAY11M #1-411 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:26 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



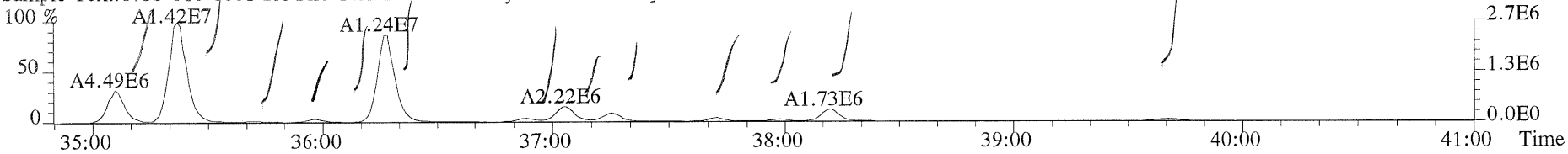
File:10MAY11M #1-411 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:26 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



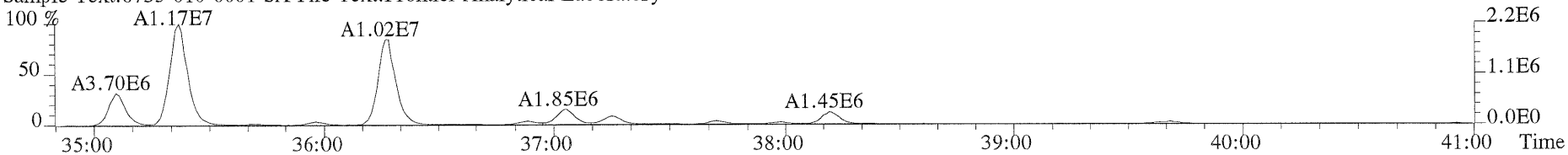
File:10MAY11M #1-411 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:26 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



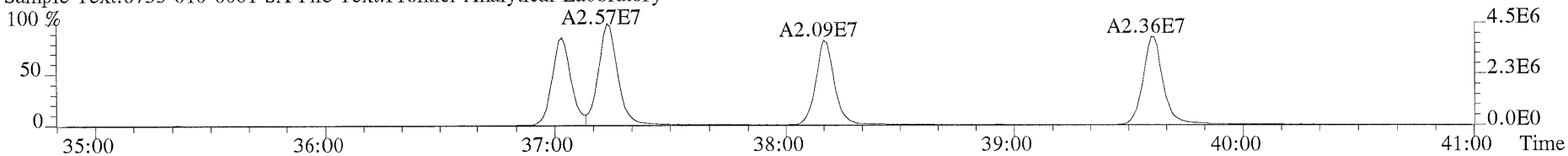
File:10MAY11M #1-477 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:26 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



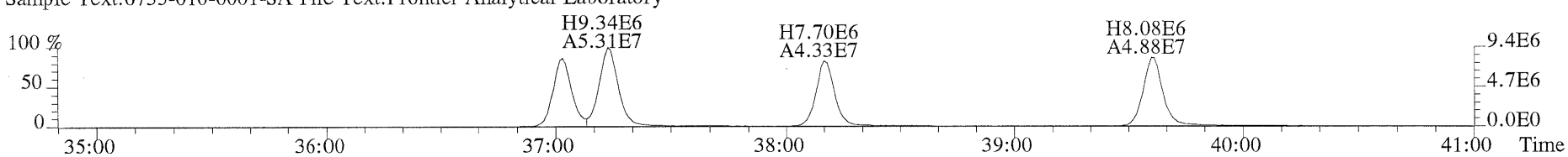
File:10MAY11M #1-477 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:26 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



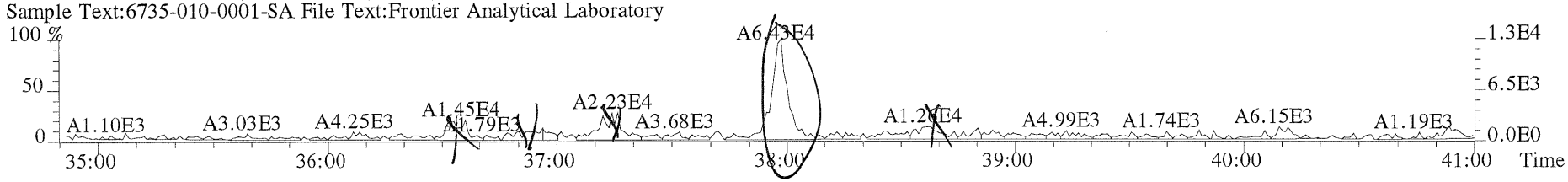
File:10MAY11M #1-477 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:26 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



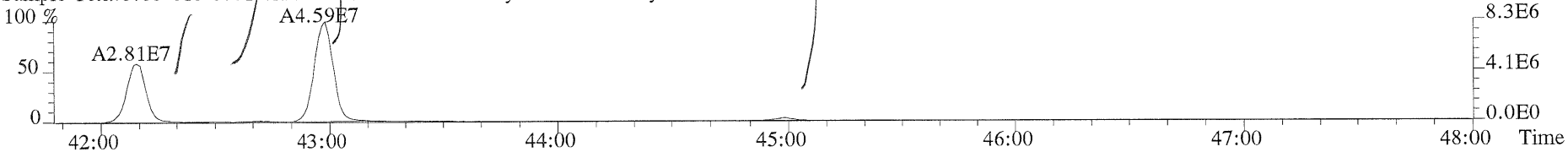
File:10MAY11M #1-477 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:26 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



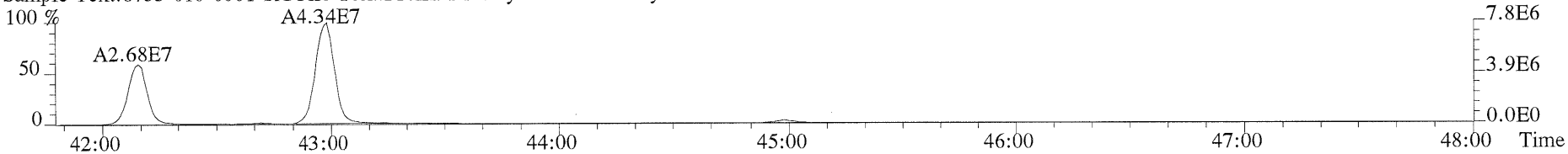
File:10MAY11M #1-477 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:26 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



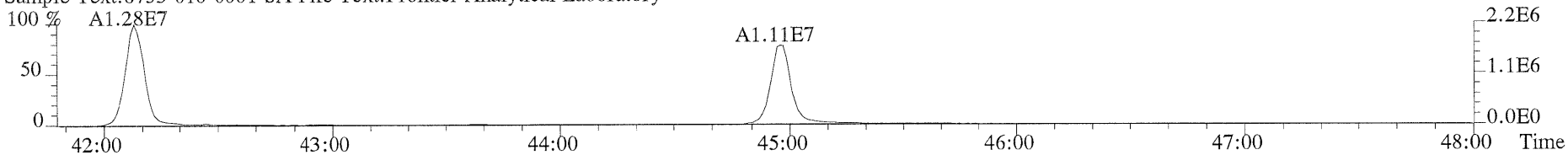
File:10MAY11M #1-541 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:26 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



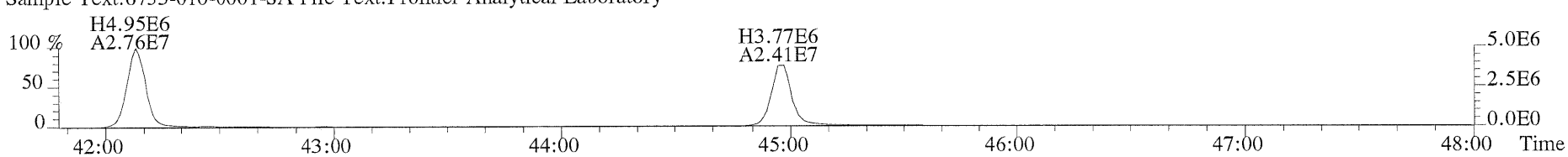
File:10MAY11M #1-541 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:26 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



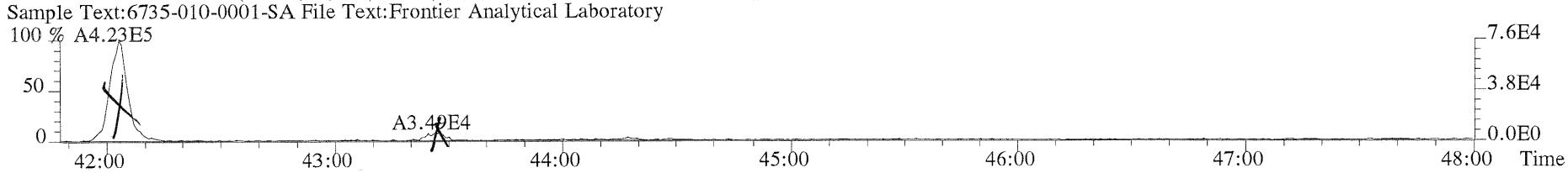
File:10MAY11M #1-541 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:26 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



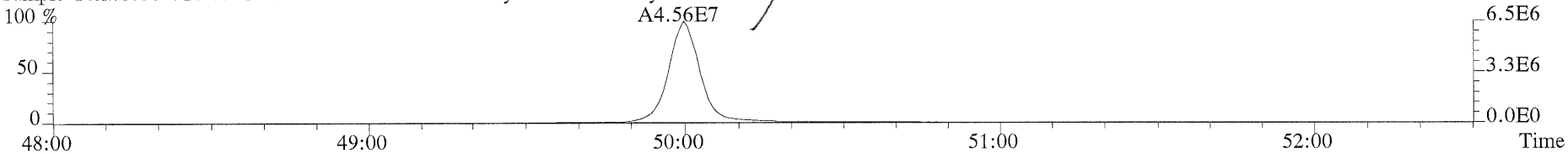
File:10MAY11M #1-541 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:26 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



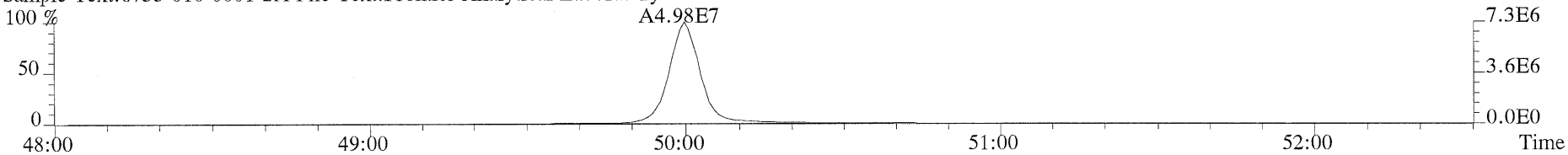
File:10MAY11M #1-541 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:26 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



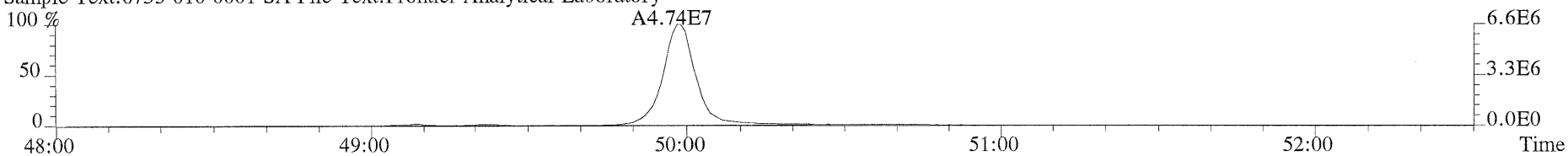
File:10MAY11M #1-348 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:26 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



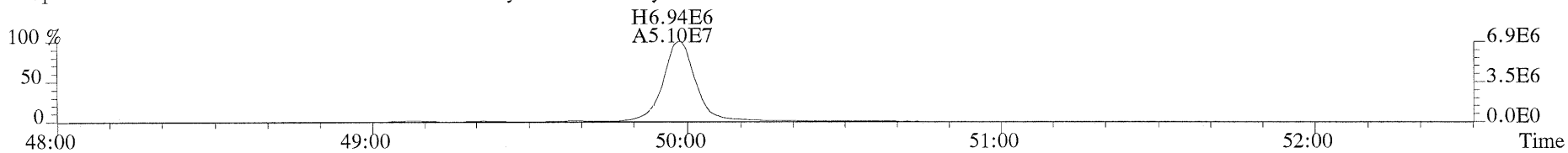
File:10MAY11M #1-348 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:26 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



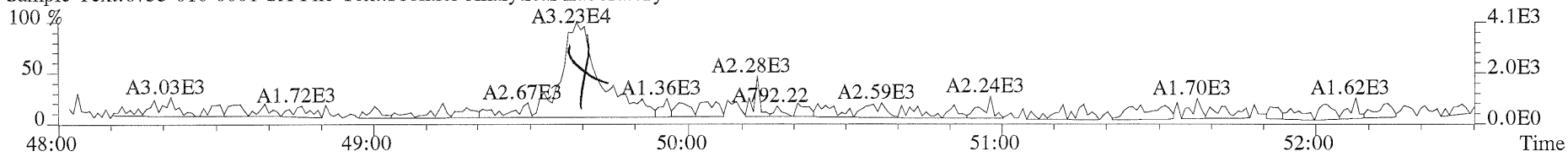
File:10MAY11M #1-348 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:26 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-348 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:26 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-348 Acq:11-MAY-2011 09:23:20 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:26 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory

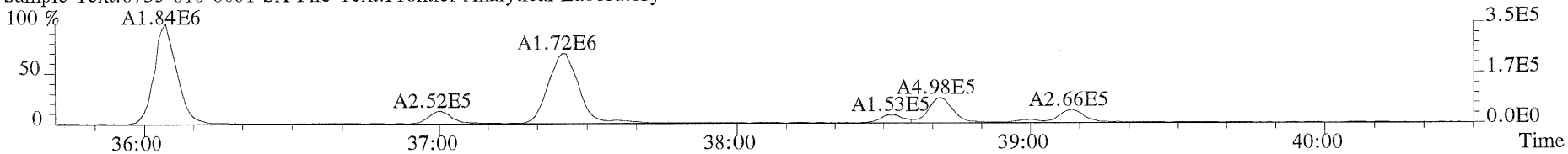


FAL ID: 6735-010-0001-SA Filename: 12MAY11M Sam:5 Acquired: 12-MAY-11 13:28:38 ICal: PCDDFAL3-3-7-11
Client ID: DMA-TP5-1.5-2-042011 1:10 ConCal: ST051211M1 EndCal: ST051211M2
Results: GC Column: DB5 Amount: 5.030

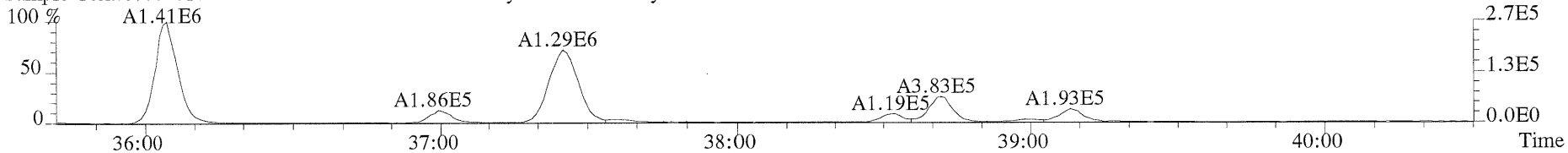
Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
OCDD	1.33e+08	0.93 y	49:40	1.45	14700		2.50	-	-	*
										Rec
13C-OCDD	4.97e+06	0.99 y	49:39	0.607	990					124
37Cl-2,3,7,8-TCDD	1.11e+06	1.24 y	27:21	0.729	145					90.9
13C-1,2,3,7,8,9-HxCDD	3.29e+06		39:07	-	2.63					

Analyst: _____ Date: 5/12/11

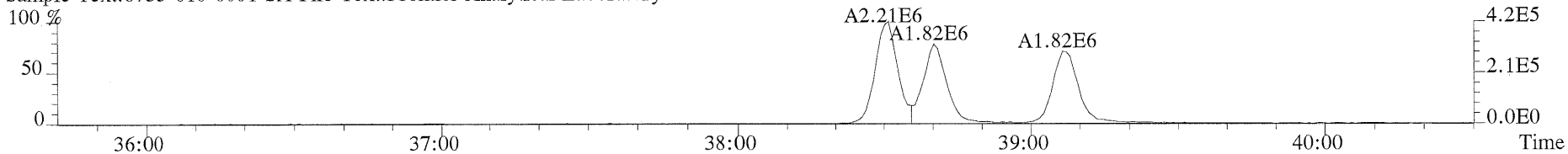
File:12MAY11M #1-477 Acq:12-MAY-2011 13:28:38 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



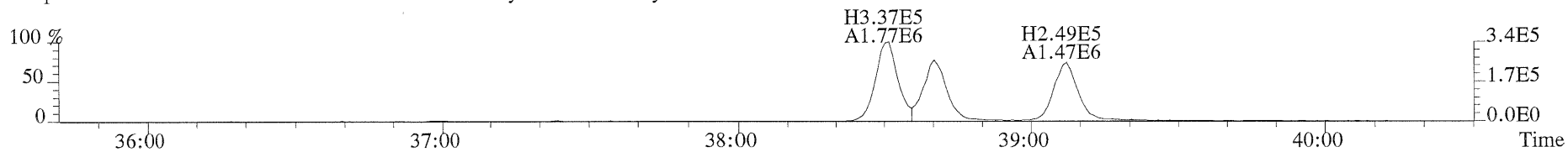
File:12MAY11M #1-477 Acq:12-MAY-2011 13:28:38 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



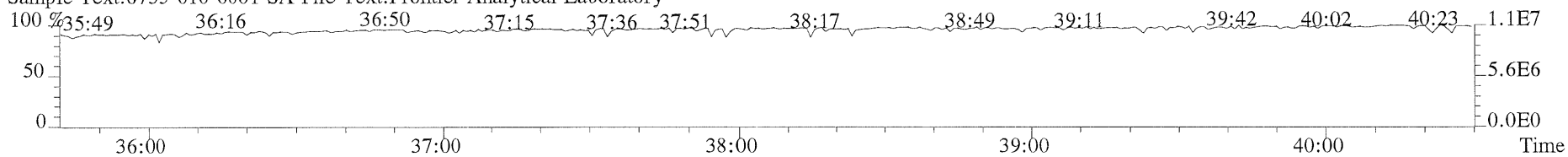
File:12MAY11M #1-477 Acq:12-MAY-2011 13:28:38 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



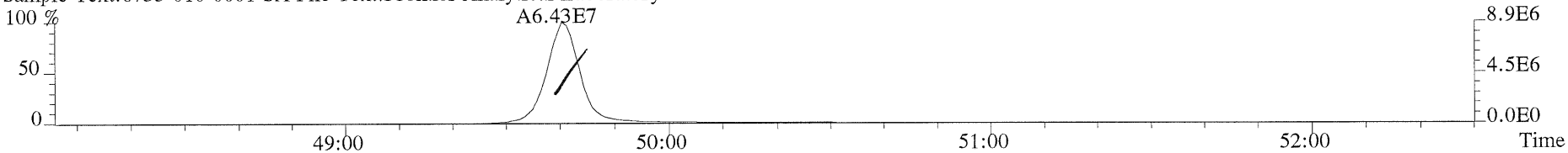
File:12MAY11M #1-477 Acq:12-MAY-2011 13:28:38 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



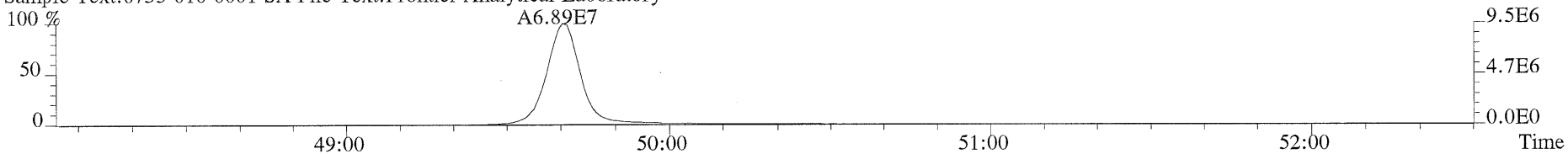
File:12MAY11M #1-477 Acq:12-MAY-2011 13:28:38 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:5 F:3 Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



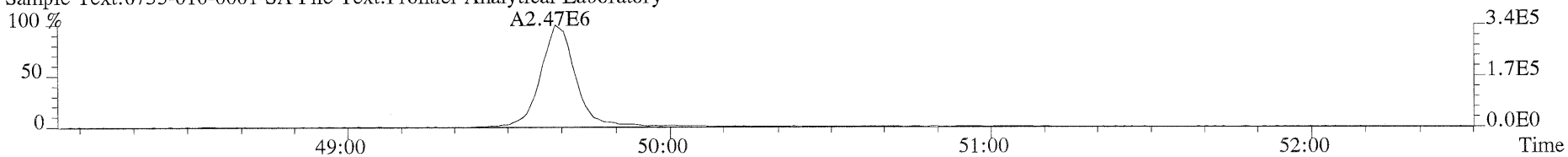
File:12MAY11M #1-348 Acq:12-MAY-2011 13:28:38 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



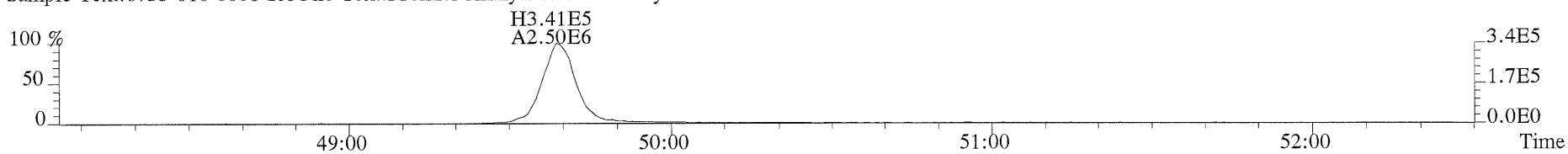
File:12MAY11M #1-348 Acq:12-MAY-2011 13:28:38 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



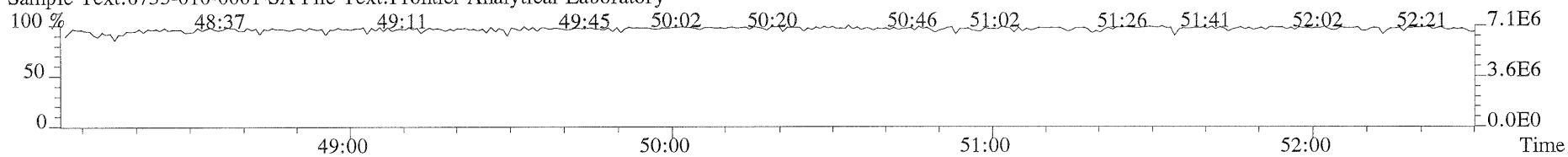
File:12MAY11M #1-348 Acq:12-MAY-2011 13:28:38 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



File:12MAY11M #1-348 Acq:12-MAY-2011 13:28:38 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory



File:12MAY11M #1-348 Acq:12-MAY-2011 13:28:38 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:5 F:5 Exp:OCDD
Sample Text:6735-010-0001-SA File Text:Frontier Analytical Laboratory

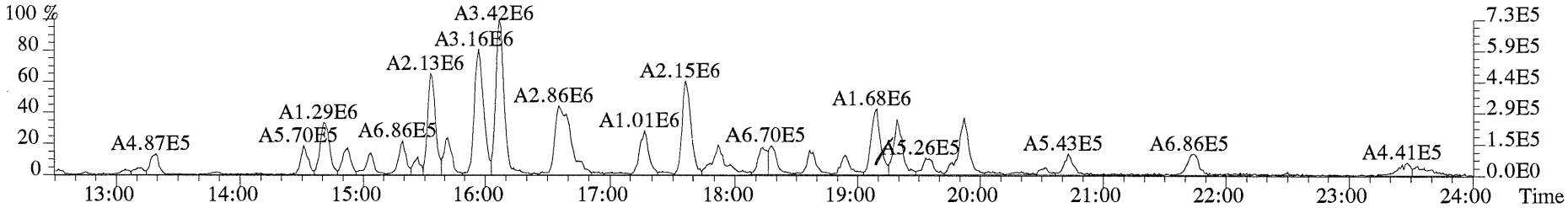


FAL ID: 6735-010-0001-SA Filename: 12MAY11A Sam:5 Acquired: 12-MAY-11 10:50:12 ICal: TCDFFAL1-2-18-11
Client ID: DMA-TP5-1.5-2-042011 ConCal: ST051211A1 EndCal: ST051211A2
Results: GC Column: DB225 Amount: 5.030

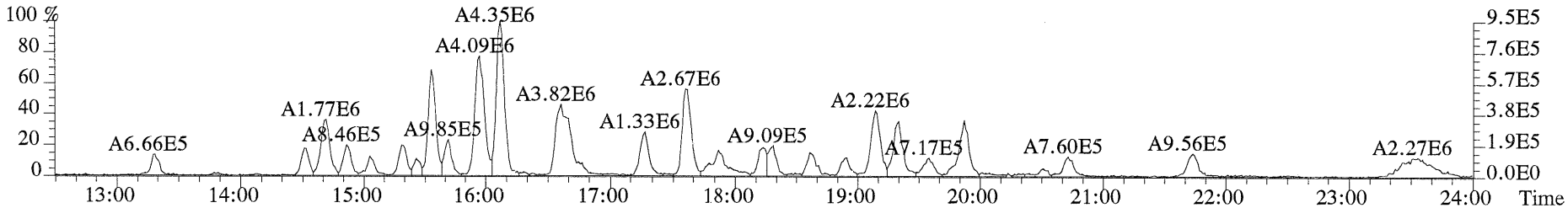
Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise	DL	#Hom	Rec
2,3,7,8-TCDF	3.90e+06	0.76 y	19:09	1.16	5.88		2.50	-	-	1	
13C-2,3,7,8-TCDF	2.28e+08	0.79 y	19:08	1.05	411						103
13C-1,2,3,4-TCDF	2.09e+08	0.78 y	16:35	-	23.5						

Analyst: _____ Date: 5/20/11

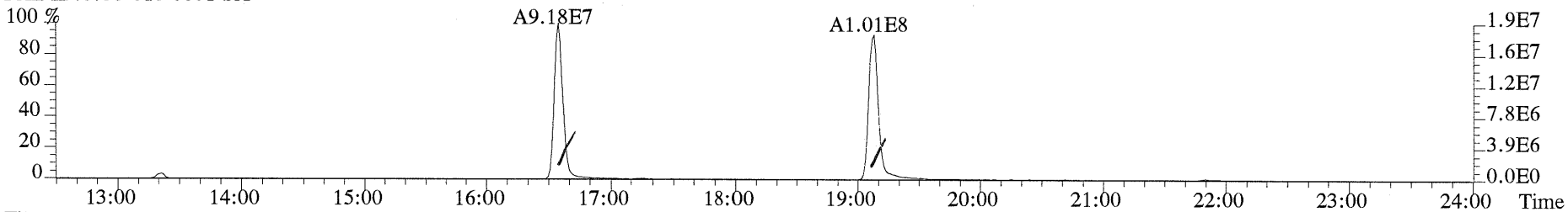
File:12MAY11A Acq:12-MAY-2011 10:50:12 FAL-1 Frontier Analytical Laboratory
303.9016 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-010-0001-SA



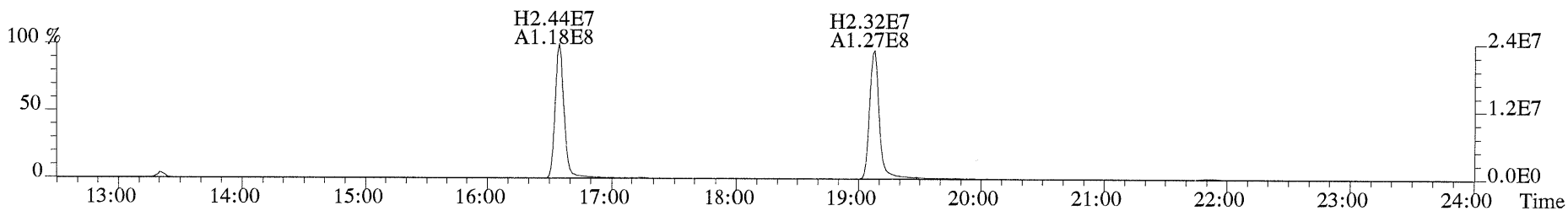
File:12MAY11A Acq:12-MAY-2011 10:50:12 FAL-1 Frontier Analytical Laboratory
305.8987 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-010-0001-SA



File:12MAY11A Acq:12-MAY-2011 10:50:12 FAL-1 Frontier Analytical Laboratory
315.9419 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-010-0001-SA



File:12MAY11A Acq:12-MAY-2011 10:50:12 FAL-1 Frontier Analytical Laboratory
317.9389 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-010-0001-SA



FAL ID: 6735-011-0001-SA Filename: 10MAY11M Sam:25 Acquired: 11-MAY-11 08:27:57 ICal: PCDDFAL3-3-7-11
Client ID: DMA-TP5-1.5-2-042011-D ConCal: ST051011M2 EndCal: ST051011M3
Results: 6735 GC Column: DB5 Amount: 4.990 NATO 1989 Tox: 64.4 WHO 1998 Tox: 68.7 WHO 2005 Tox: ~~67.0~~ 71.9 5/12/11

Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	8.96e+05	0.76 y	27:14	1.13	7.13		2.50	-	-	*
1,2,3,7,8-PeCDD	1.19e+06	1.40 y	33:05	1.02	10.6		2.50	-	-	*
1,2,3,4,7,8-HxCDD	2.95e+06	1.21 y	38:27	1.45	20.4		2.50	-	-	*
1,2,3,6,7,8-HxCDD	9.54e+06	1.31 y	38:37	1.45	79.2		2.50	-	-	*
1,2,3,7,8,9-HxCDD	5.25e+06	1.23 y	39:04	1.47	39.1		2.50	-	-	*
1,2,3,4,6,7,8-HpCDD	2.41e+08	0.92 y	44:05	1.30	1910		2.50	-	-	*
OCDD	*	* n	NotFnd	1.45	* 17,400	*	2.50	-	-	*
2,3,7,8-TCDF	2.08e+06	0.68 y	26:29	1.15	9.91 6.99 DB225	F	2.50	-	-	*
1,2,3,7,8-PeCDF	8.02e+05	1.48 y	31:20	0.89	5.09		2.50	-	-	*
2,3,4,7,8-PeCDF	1.39e+06	1.44 y	32:41	0.89	9.22		2.50	-	-	*
1,2,3,4,7,8-HxCDF	4.83e+06	1.20 y	37:03	1.01	29.8		2.50	-	-	*
1,2,3,6,7,8-HxCDF	2.82e+06	1.22 y	37:15	0.89	16.3		2.50	-	-	*
2,3,4,6,7,8-HxCDF	3.70e+06	1.25 y	38:12	1.02	23.0		2.50	-	-	*
1,2,3,7,8,9-HxCDF	8.09e+05	1.18 y	39:41	1.10	4.04	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDF	6.76e+07	1.06 y	42:09	1.48	448		2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	3.35e+06	1.05 y	44:59	1.43	25.2		2.50	-	-	*
OCDF	1.13e+08	0.90 y	49:60	0.84	1140		2.50	-	-	*
										Rec
13C-2,3,7,8-TCDD	4.44e+07	0.80 y	27:12	1.03	389					97.1
13C-1,2,3,7,8-PeCDD	4.42e+07	1.75 y	33:03	1.01	394					98.4
13C-1,2,3,4,7,8-HxCDD	4.00e+07	1.27 y	38:25	1.19	369					92.2
13C-1,2,3,6,7,8-HxCDD	3.32e+07	1.25 y	38:35	0.94	390					97.4
13C-1,2,3,4,6,7,8-HpCDD	3.89e+07	1.04 y	44:03	0.83	517					129
13C-OCDD	*	* n	NotFnd	0.61	*	*				* 107%
13C-2,3,7,8-TCDF	7.32e+07	0.88 y	26:28	0.98	406					101
13C-1,2,3,7,8-PeCDF	7.12e+07	1.67 y	31:18	0.83	467					117
13C-2,3,4,7,8-PeCDF	6.78e+07	1.65 y	32:37	0.80	459					114
13C-1,2,3,4,7,8-HxCDF	6.43e+07	0.48 y	37:02	1.84	384					95.9
13C-1,2,3,6,7,8-HxCDF	7.77e+07	0.49 y	37:14	2.29	373					93.1
13C-2,3,4,6,7,8-HxCDF	6.35e+07	0.49 y	38:10	1.86	375					93.6
13C-1,2,3,7,8,9-HxCDF	7.27e+07	0.48 y	39:37	1.98	404					101
13C-1,2,3,4,6,7,8-HpCDF	4.09e+07	0.46 y	42:09	0.99	455					114
13C-1,2,3,4,7,8,9-HpCDF	3.75e+07	0.46 y	44:58	0.77	538					134
13C-OCDF	9.43e+07	0.94 y	49:59	1.17	891					111
37Cl-2,3,7,8-TCDD	1.16e+07		27:14	0.73	144					89.6
13C-1,2,3,4-TCDD	4.45e+07	0.78 y	26:39	-	23.4					
13C-1,2,3,4-TCDF	7.37e+07	0.87 y	25:23	-	20.5					
13C-1,2,3,7,8,9-HxCDD	3.64e+07	1.23 y	39:03	-	29.4					
							Fac	Noise-1	Noise-2	DL	#Hom
Total Tetra-Dioxins	7.15e+06		24:15	1.13	56.9		2.50	-	-	*	16
Total Penta-Dioxins	2.59e+07		30:03	1.02	231		2.50	-	-	*	10
Total Hexa-Dioxins	9.10e+07		35:59	1.46	689		2.50	-	-	*	7
Total Hepta-Dioxins	4.81e+08		42:41	1.30	3820		2.50	-	-	*	2
Total Tetra-Furans	3.78e+07		22:54	1.15	180	D,M	2.50	-	-	*	24
1st Fn. Tot Penta-Furans	1.36e+07		28:18	0.89	88.5	D,M	2.50	-	-	* PeCDF	1
Total Penta-Furans	2.05e+07		29:55	0.89	133	D,M	2.50	-	-	* 222	13
Total Hexa-Furans	8.72e+07		35:06	1.00	506	D,M	2.50	-	-	*	13
Total Hepta-Furans	1.80e+08		42:09	1.46	1240		2.50	-	-	*	4

Analyst: _____ Date: 5/12/11

Totals class: Total Tetra-Dioxins Entry #: 38

Run: 31 File: 10MAY11M S: 25 I: 1 F: 1
Acquired: 11-MAY-11 08:27:57

Total Concentration: 56.9 Unnamed Concentration: 49.780

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
24:15	6.72e+05	8.89e+05	0.76	y	1.56e+06	12.4	
24:31	6.06e+05	7.77e+05	0.78	y	1.38e+06	11.0	
24:49	2.06e+05	2.55e+05	0.81	y	4.61e+05	3.67	
25:27	5.48e+04	6.60e+04	0.83	y	1.21e+05	0.962	
25:38	2.05e+05	2.58e+05	0.80	y	4.63e+05	3.68	
25:47	4.22e+05	5.50e+05	0.77	y	9.72e+05	7.74	
25:56	8.38e+04	1.00e+05	0.84	y	1.84e+05	1.46	
26:09	5.48e+04	6.88e+04	0.80	y	1.24e+05	0.983	
26:19	7.95e+04	1.07e+05	0.74	y	1.87e+05	1.49	
26:39	1.25e+05	1.57e+05	0.80	y	2.82e+05	2.24	
26:59	9.67e+04	1.20e+05	0.80	y	2.17e+05	1.73	
27:14	3.87e+05	5.10e+05	0.76	y	8.96e+05	7.13	2,3,7,8-TCDD
27:32	6.22e+04	8.02e+04	0.78	y	1.42e+05	1.13	
27:39	1.79e+04	2.07e+04	0.87	y	3.87e+04	0.308	
27:58	3.27e+04	4.27e+04	0.77	y	7.54e+04	0.600	
28:11	1.91e+04	2.67e+04	0.72	y	4.58e+04	0.364	

Totals class: Total Penta-Dioxins Entry #: 39

Run: 31 File: 10MAY11M S: 25 I: 1 F: 2
Acquired: 11-MAY-11 08:27:57

Total Concentration: 231 Unnamed Concentration: 220.379

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:03	1.02e+07	6.66e+06	1.54	y	1.69e+07	151	
30:42	3.94e+05	2.76e+05	1.43	y	6.70e+05	5.98	
31:19	1.03e+06	6.71e+05	1.53	y	1.70e+06	15.1	
31:32	1.36e+06	8.96e+05	1.52	y	2.26e+06	20.1	
31:41	6.61e+05	4.30e+05	1.54	y	1.09e+06	9.74	
31:59	6.63e+05	4.56e+05	1.45	y	1.12e+06	9.98	
32:27	2.41e+05	1.64e+05	1.47	y	4.05e+05	3.62	
33:05	6.93e+05	4.96e+05	1.40	y	1.19e+06	10.6	1,2,3,7,8-PeCDD
33:10	1.69e+05	1.13e+05	1.49	y	2.82e+05	2.52	
33:39	1.69e+05	1.11e+05	1.52	y	2.80e+05	2.50	

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 31 File: 10MAY11M S: 25 I: 1 F: 3
Acquired: 11-MAY-11 08:27:57

Total Concentration: 689 Unnamed Concentration: 550.664

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:59	2.04e+07	1.55e+07	1.32 y	3.59e+07	270	
36:55	2.37e+06	1.78e+06	1.33 y	4.15e+06	31.2	
37:20	1.83e+07	1.39e+07	1.31 y	3.22e+07	242	
38:27	1.62e+06	1.33e+06	1.21 y	2.95e+06	20.4	1,2,3,4,7,8-HxCDD
38:37	5.41e+06	4.13e+06	1.31 y	9.54e+06	79.2	1,2,3,6,7,8-HxCDD
38:55	5.32e+05	4.37e+05	1.22 y	9.68e+05	7.28	
39:04	2.90e+06	2.36e+06	1.23 y	5.25e+06	39.1	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 31 File: 10MAY11M S: 25 I: 1 F: 4
Acquired: 11-MAY-11 08:27:57

Total Concentration: 3820 Unnamed Concentration: 1909.835

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:41	1.15e+08	1.25e+08	0.92 y	2.41e+08	1910	
44:05	1.15e+08	1.25e+08	0.92 y	2.41e+08	1910	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans Entry #: 42

Run: 31 File: 10MAY11M S: 25 I: 1 F: 1
Acquired: 11-MAY-11 08:27:57

Total Concentration: 180 Unnamed Concentration: 170.309

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
22:54	3.18e+05	4.85e+05	0.66	y	8.03e+05	3.83	
23:16	4.08e+05	6.06e+05	0.67	y	1.01e+06	4.84	
23:38	1.54e+06	2.24e+06	0.69	y	3.78e+06	18.0	
24:01	1.24e+06	1.88e+06	0.66	y	3.12e+06	14.9	
24:16	1.73e+06	2.61e+06	0.66	y	4.34e+06	20.7	
24:34	9.17e+05	1.34e+06	0.68	y	2.26e+06	10.8	
24:41	4.34e+05	6.06e+05	0.72	y	1.04e+06	4.96	
24:47	5.74e+05	8.21e+05	0.70	y	1.40e+06	6.66	
25:10	4.62e+05	6.87e+05	0.67	y	1.15e+06	5.49	
25:16	1.09e+06	1.60e+06	0.68	y	2.69e+06	12.8	
25:24	1.18e+06	1.73e+06	0.68	y	2.92e+06	13.9	
25:39	1.45e+05	1.94e+05	0.75	y	3.39e+05	1.62	
25:46	5.58e+05	7.96e+05	0.70	y	1.35e+06	6.46	
25:58	3.15e+05	4.58e+05	0.69	y	7.73e+05	3.69	
26:07	1.90e+05	2.69e+05	0.71	y	4.59e+05	2.19	
26:23	8.69e+05	1.32e+06	0.66	y	2.19e+06	10.5	
26:29	8.37e+05	1.24e+06	0.68	y	2.08e+06	9.91	2,3,7,8-TCDF
26:49	9.28e+05	1.38e+06	0.67	y	2.31e+06	11.0	
27:02	1.00e+05	1.50e+05	0.67	y	2.50e+05	1.19	
27:13	1.19e+05	1.50e+05	0.79	y	2.69e+05	1.28	
27:43	4.24e+05	6.41e+05	0.66	y	1.07e+06	5.09	
27:56	3.42e+05	5.10e+05	0.67	y	8.52e+05	4.07	
28:18	3.71e+05	5.29e+05	0.70	y	9.00e+05	4.30	
28:44	1.65e+05	2.31e+05	0.71	y	3.96e+05	1.89	

Totals class: 1st Fn. Tot Penta-Furans Entry #: 43

Run: 31 File: 10MAY11M S: 25 I: 1 F: 1
Acquired: 11-MAY-11 08:27:57

Total Concentration: 88.5 Unnamed Concentration: 88.450

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:18	8.25e+06	5.39e+06	1.53 y	1.36e+07	88.5	

Totals class: Total Penta-Furans Entry #: 44

Run: 31 File: 10MAY11M S: 25 I: 1 F: 2
Acquired: 11-MAY-11 08:27:57

Total Concentration: 133 Unnamed Concentration: 118.832

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
29:55	9.13e+05	6.04e+05	1.51 y	1.52e+06	9.84	
30:04	4.98e+06	3.30e+06	1.51 y	8.28e+06	53.7	
30:31	3.77e+05	2.47e+05	1.52 y	6.24e+05	4.05	
30:47	2.08e+06	1.37e+06	1.52 y	3.45e+06	22.4	
31:05	4.82e+05	3.09e+05	1.56 y	7.91e+05	5.13	
31:20	4.78e+05	3.23e+05	1.48 y	8.02e+05	5.09	1,2,3,7,8-PeCDF
31:39	1.02e+06	6.67e+05	1.53 y	1.68e+06	10.9	
31:56	1.22e+05	9.12e+04	1.34 y	2.13e+05	1.38	
32:22	5.50e+04	3.40e+04	1.62 y	8.90e+04	0.577	
32:30	2.51e+05	1.69e+05	1.48 y	4.21e+05	2.73	
32:41	8.22e+05	5.71e+05	1.44 y	1.39e+06	9.22	2,3,4,7,8-PeCDF
32:43	6.11e+05	3.81e+05	1.60 y	9.92e+05	6.43	
33:59	1.60e+05	1.05e+05	1.53 y	2.65e+05	1.71	

Totals class: Total Hexa-Furans Entry #: 45

Run: 31 File: 10MAY11M S: 25 I: 1 F: 3
Acquired: 11-MAY-11 08:27:57

Total Concentration: 506 Unnamed Concentration: 432.734

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:06	5.55e+06	4.63e+06	1.20 y	1.02e+07	58.7	
35:23	1.77e+07	1.44e+07	1.23 y	3.20e+07	185	
35:43	2.68e+05	2.45e+05	1.10 y	5.13e+05	2.96	
35:58	5.42e+05	5.08e+05	1.07 y	1.05e+06	6.05	
36:16	1.53e+07	1.27e+07	1.21 y	2.80e+07	161	
36:53	5.58e+05	4.99e+05	1.12 y	1.06e+06	6.09	
37:03	2.63e+06	2.20e+06	1.20 y	4.83e+06	29.8	1,2,3,4,7,8-HxCDF
37:15	1.55e+06	1.27e+06	1.22 y	2.82e+06	16.3	1,2,3,6,7,8-HxCDF
37:30	7.27e+04	6.34e+04	1.15 y	1.36e+05	0.784	
37:43	5.71e+05	4.78e+05	1.20 y	1.05e+06	6.05	
37:59	5.79e+05	4.76e+05	1.22 y	1.05e+06	6.08	
38:12	2.05e+06	1.64e+06	1.25 y	3.70e+06	23.0	2,3,4,6,7,8-HxCDF
39:41	4.37e+05	3.71e+05	1.18 y	8.09e+05	4.04	1,2,3,7,8,9-HxCDF

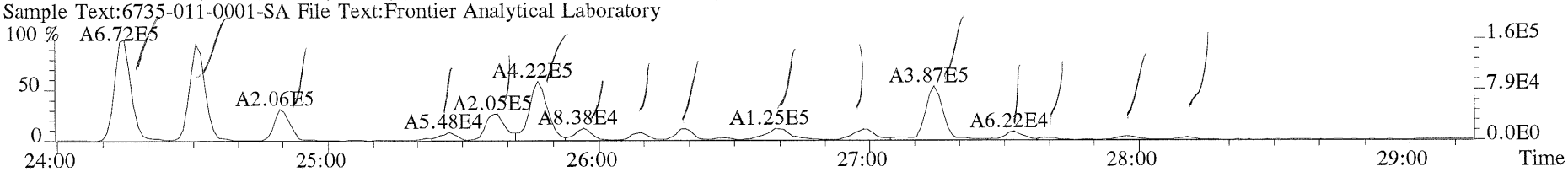
Totals class: Total Hepta-Furans Entry #: 46

Run: 31 File: 10MAY11M S: 25 I: 1 F: 4
Acquired: 11-MAY-11 08:27:57

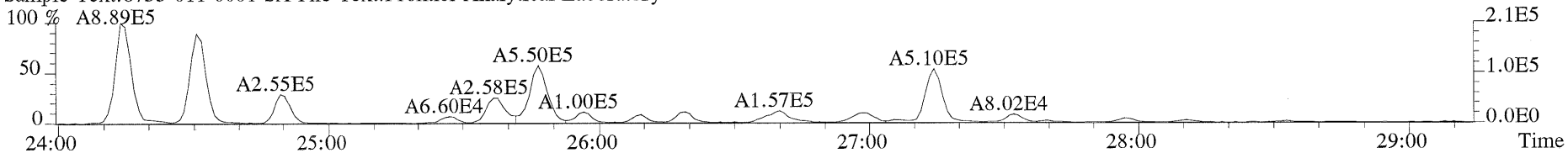
Total Concentration: 1240 Unnamed Concentration: 764.892

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:09	3.48e+07	3.28e+07	1.06 y	6.76e+07	448	1,2,3,4,6,7,8-HpCDF
42:43	6.07e+05	6.10e+05	0.99 y	1.22e+06	8.55	
42:59	5.53e+07	5.23e+07	1.06 y	1.08e+08	756	
44:59	1.72e+06	1.64e+06	1.05 y	3.35e+06	25.2	1,2,3,4,7,8,9-HpCDF

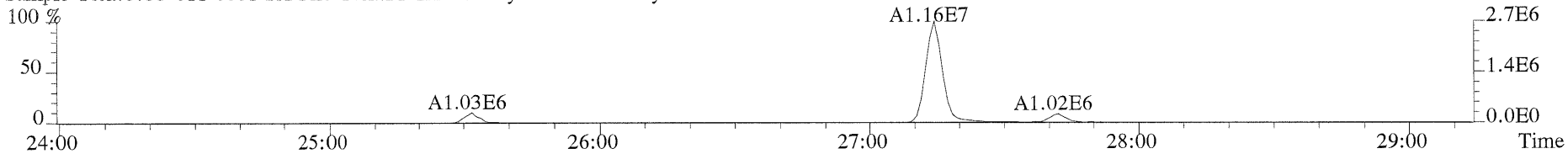
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:25 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



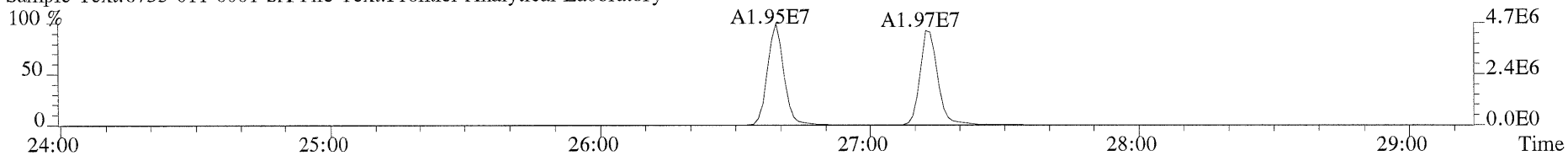
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:25 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



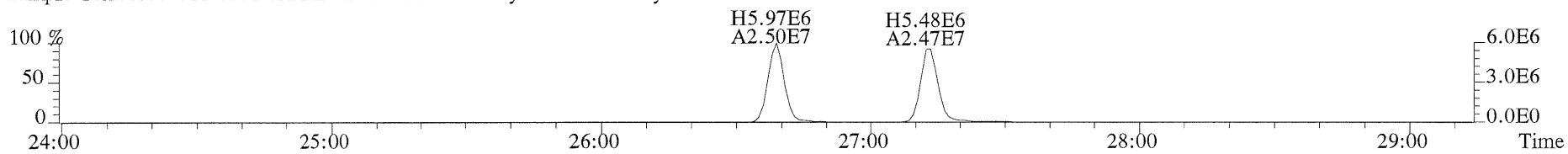
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:25 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



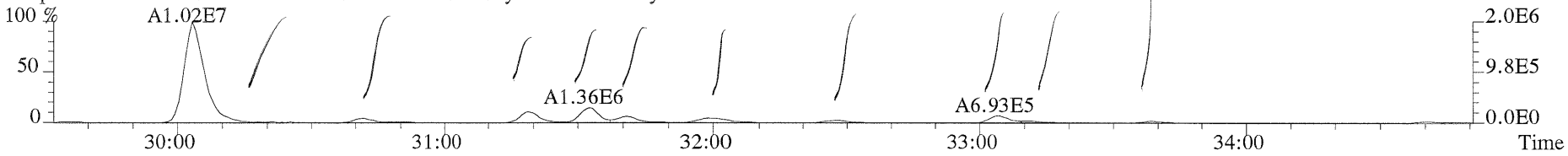
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:25 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



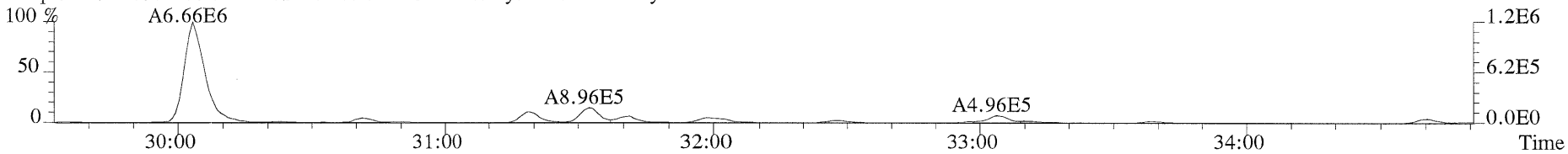
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:25 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



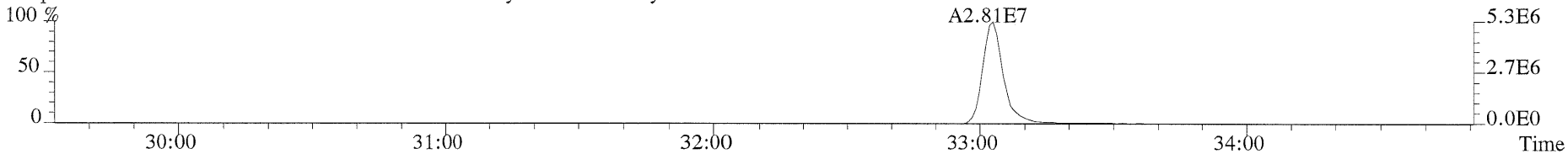
File:10MAY11M #1-412 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:25 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



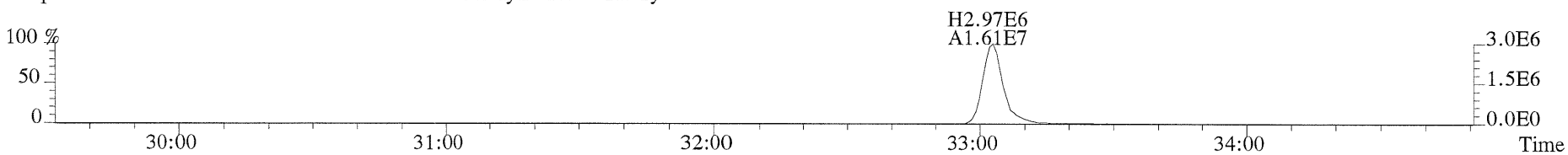
File:10MAY11M #1-412 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:25 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



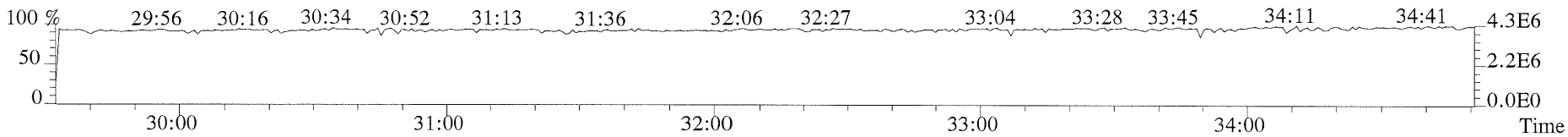
File:10MAY11M #1-412 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:25 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



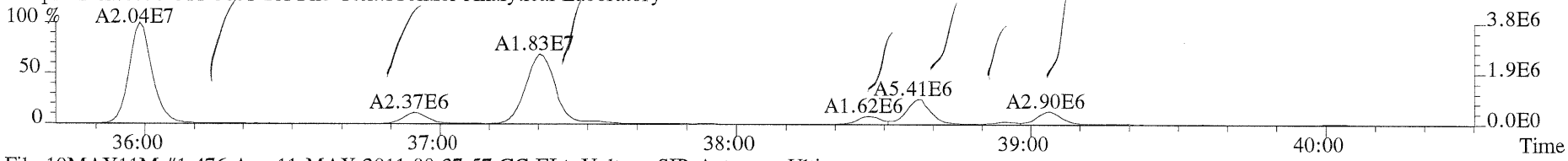
File:10MAY11M #1-412 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:25 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



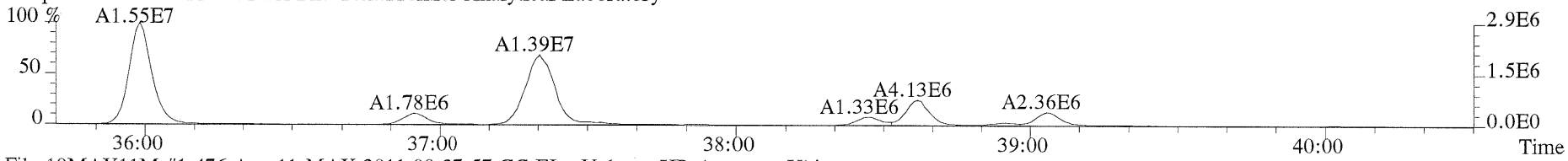
File:10MAY11M #1-412 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:25 F:2 Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



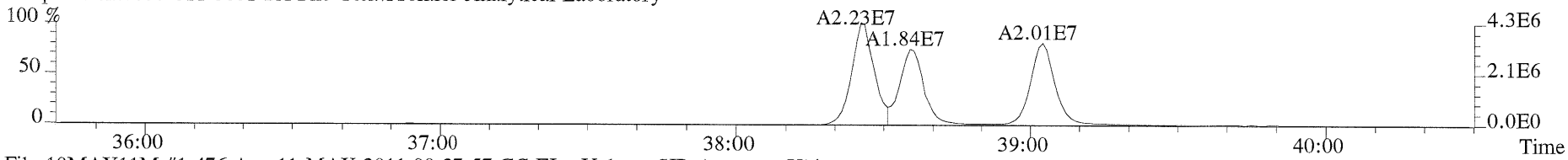
File:10MAY11M #1-476 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:25 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



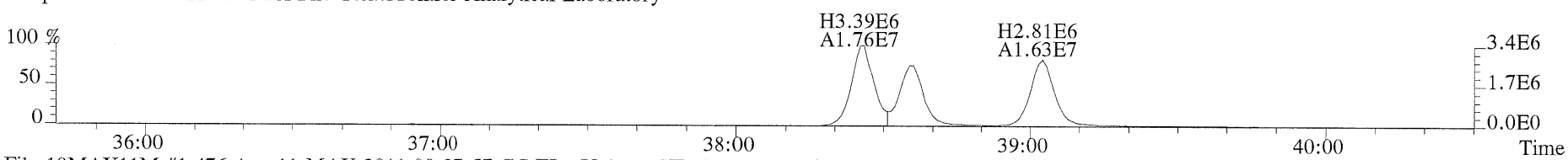
File:10MAY11M #1-476 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:25 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



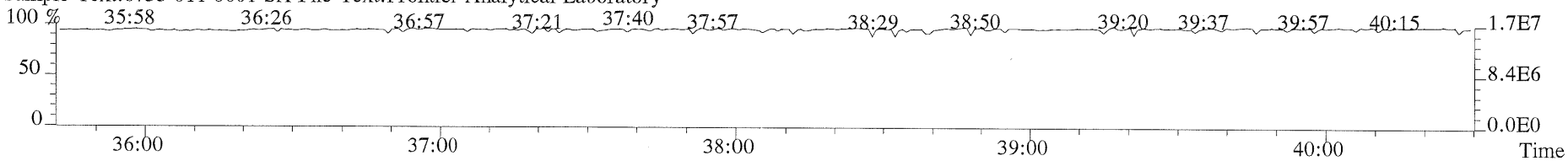
File:10MAY11M #1-476 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:25 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



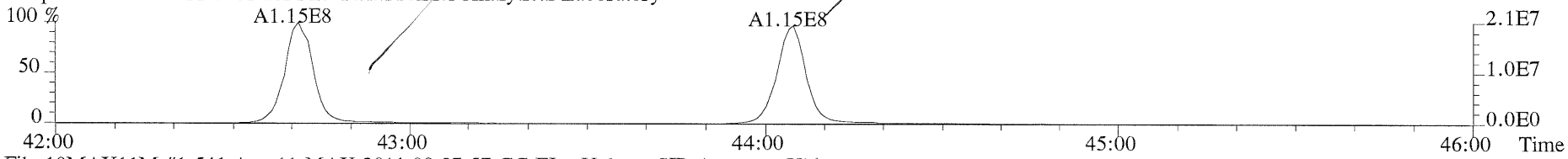
File:10MAY11M #1-476 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:25 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



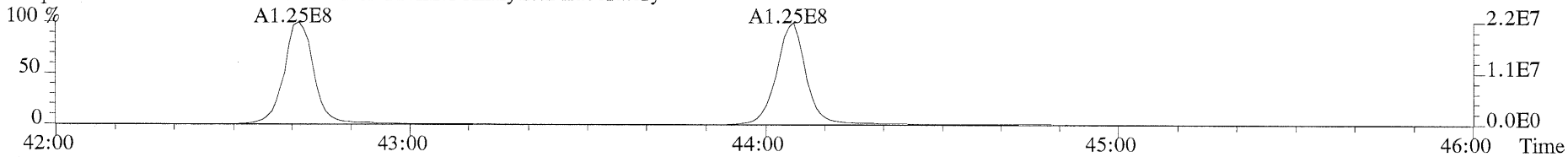
File:10MAY11M #1-476 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:25 F:3 Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



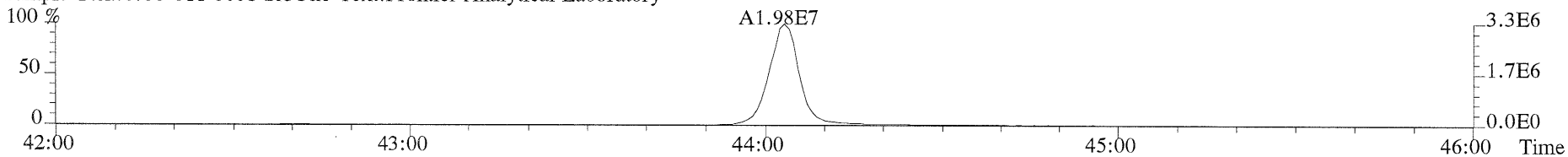
File:10MAY11M #1-541 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:25 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



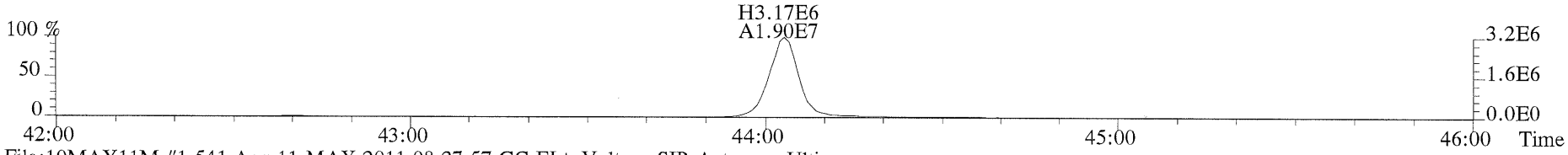
File:10MAY11M #1-541 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:25 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



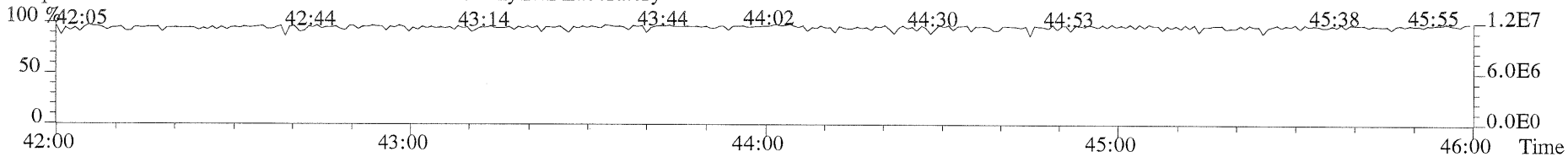
File:10MAY11M #1-541 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:25 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



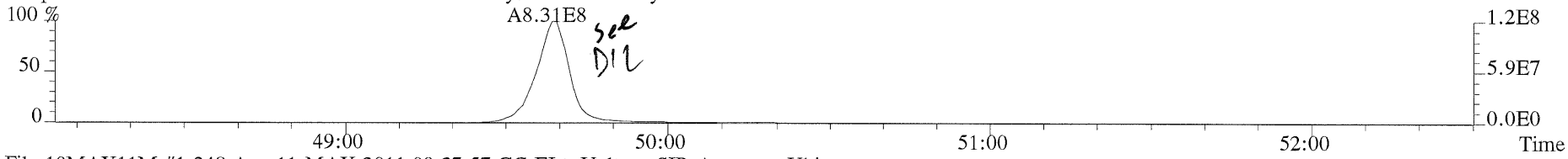
File:10MAY11M #1-541 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:25 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



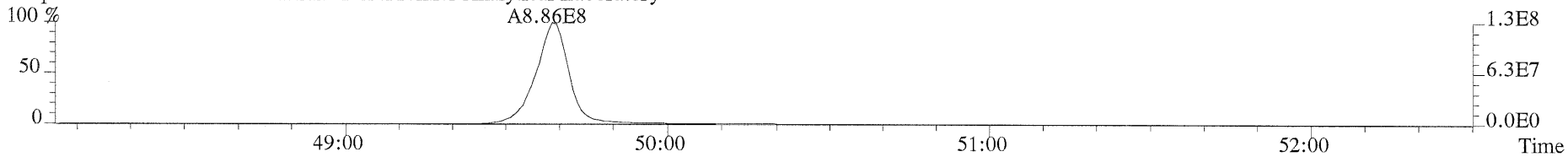
File:10MAY11M #1-541 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:25 F:4 Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



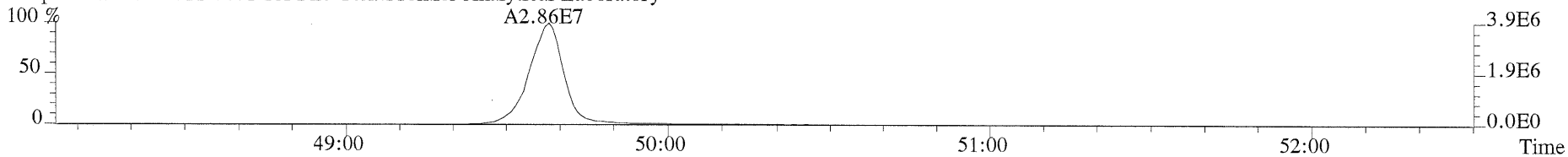
File:10MAY11M #1-348 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:25 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-348 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:25 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-348 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:25 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



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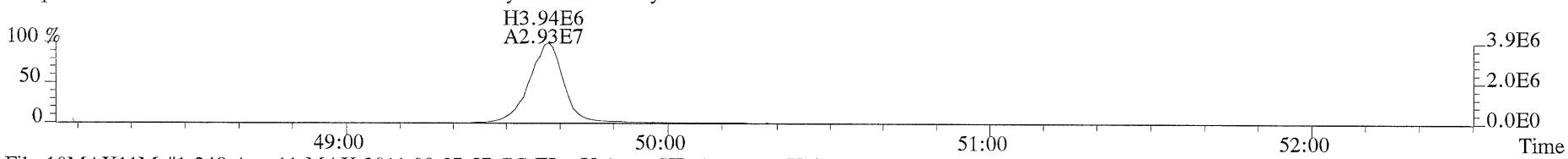
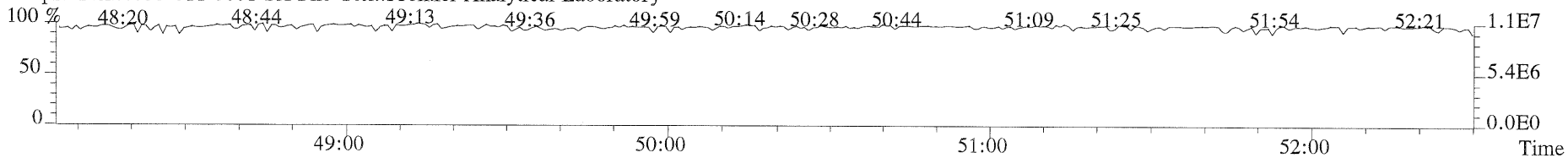
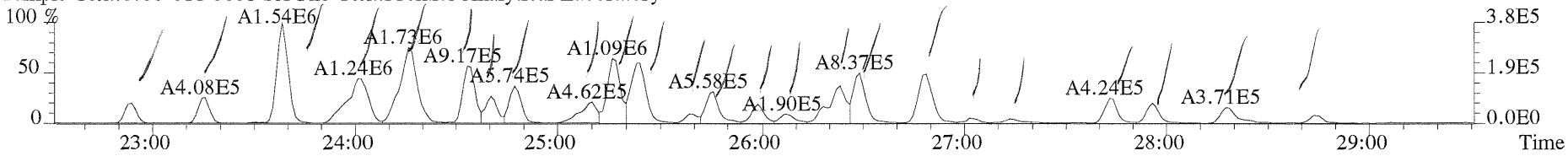
471.7750 S:25 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



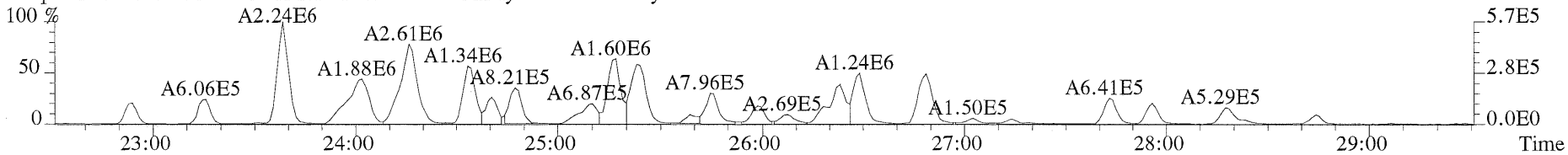
File:10MAY11M #1-348 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:25 F:5 Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



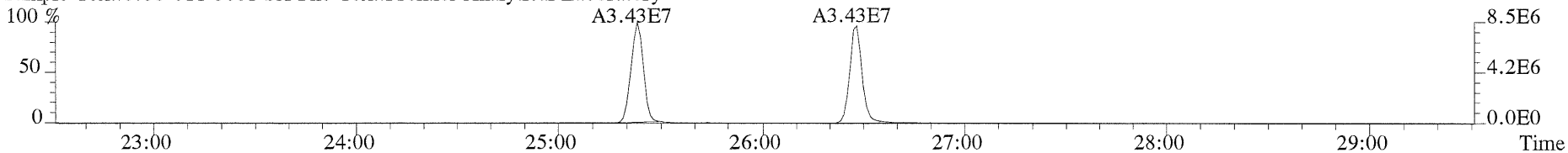
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:25 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



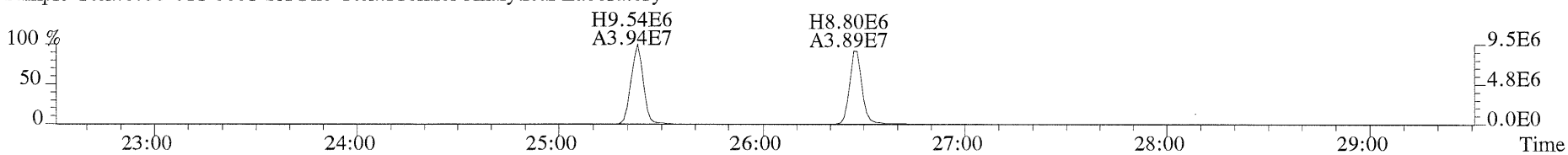
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:25 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



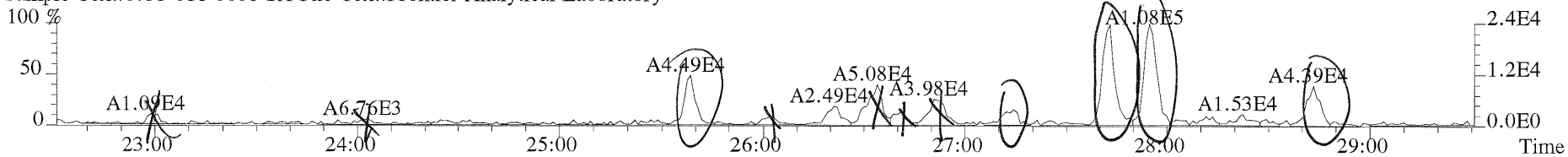
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:25 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



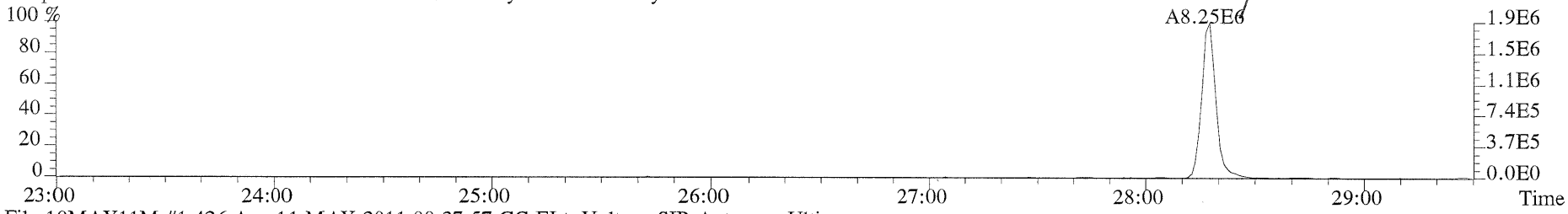
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:25 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



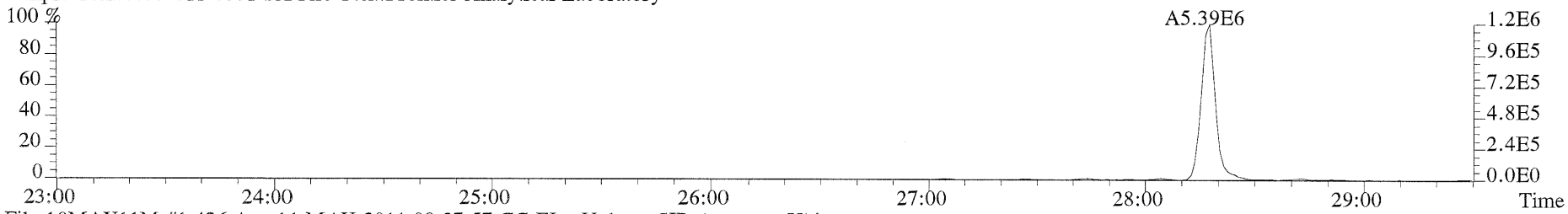
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:25 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



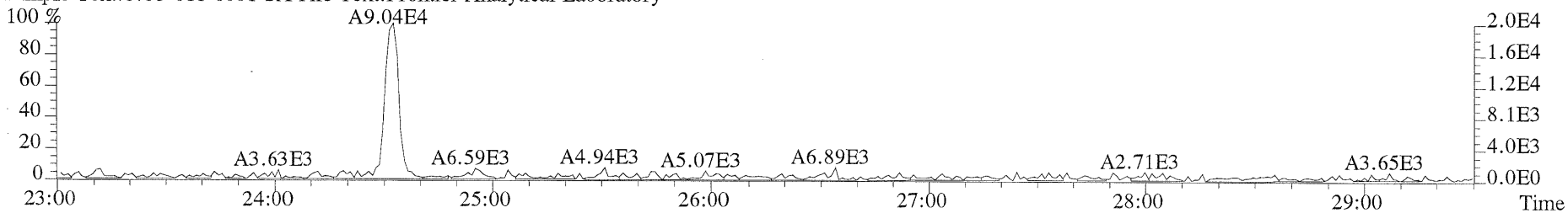
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:25 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



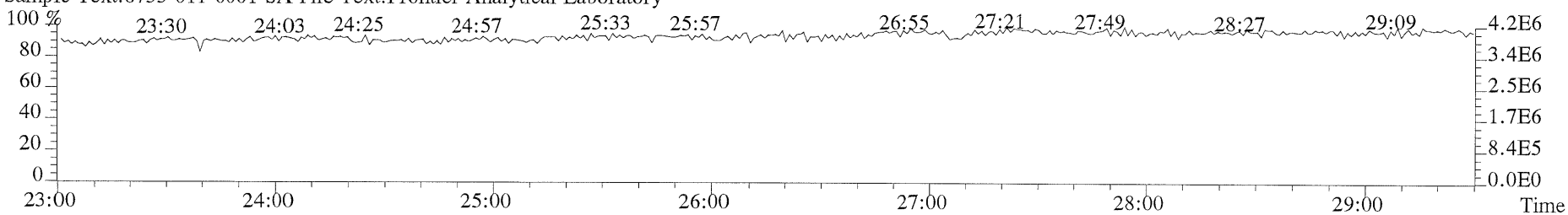
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:25 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



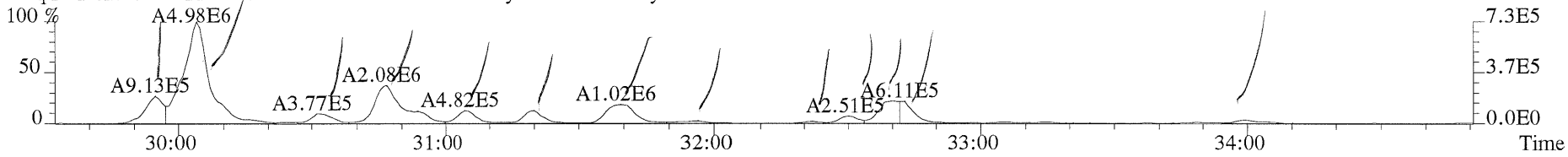
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:25 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



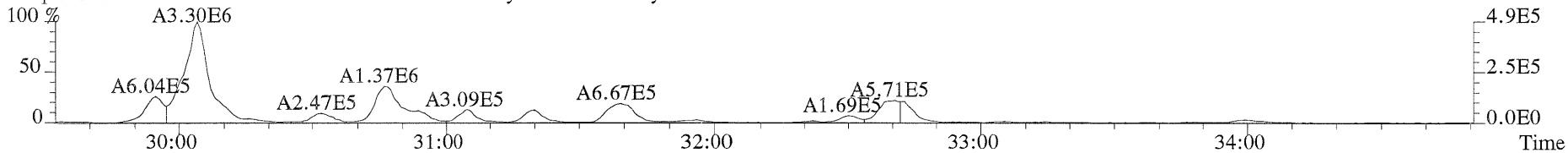
File:10MAY11M #1-426 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:25 Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



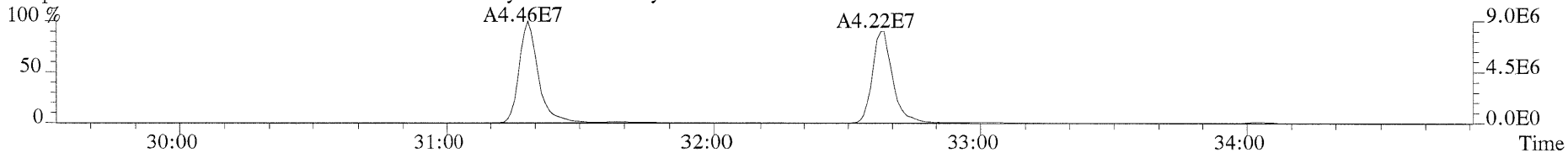
File:10MAY11M #1-412 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:25 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



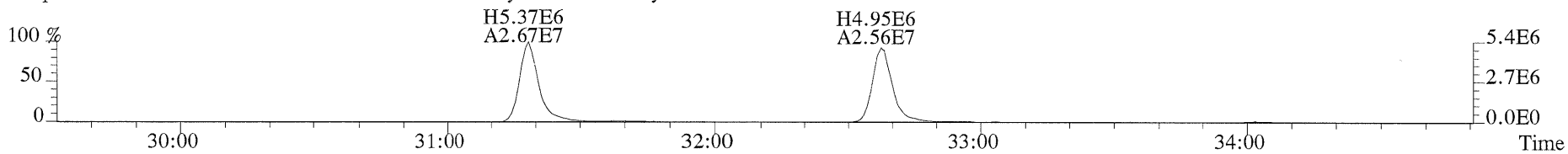
File:10MAY11M #1-412 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:25 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



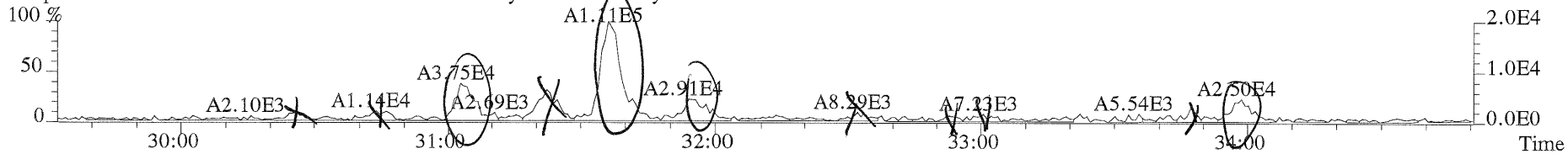
File:10MAY11M #1-412 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:25 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



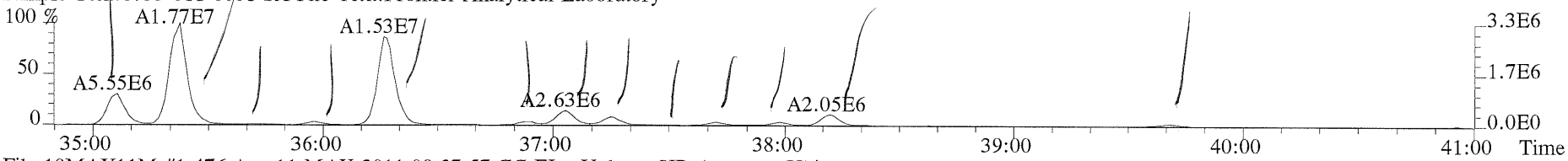
File:10MAY11M #1-412 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:25 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



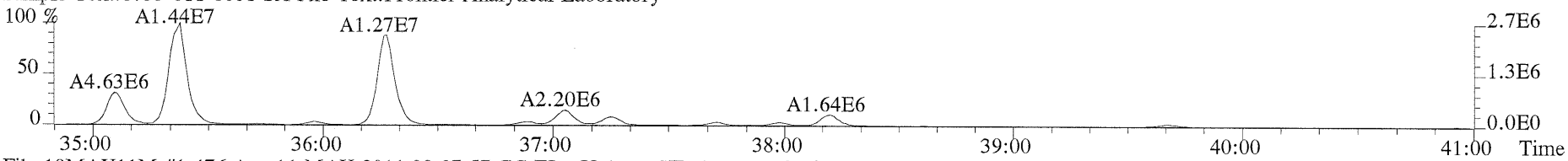
File:10MAY11M #1-412 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:25 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



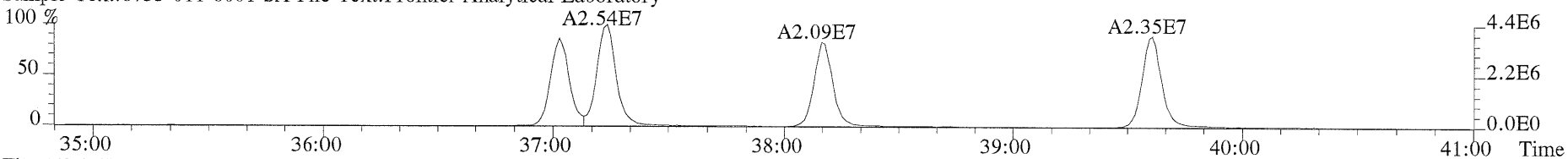
File:10MAY11M #1-476 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:25 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



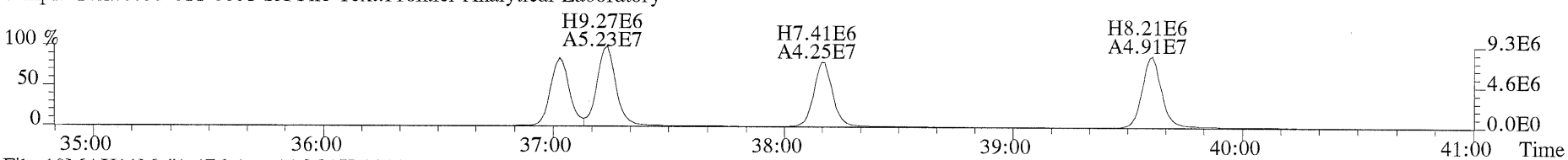
File:10MAY11M #1-476 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:25 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



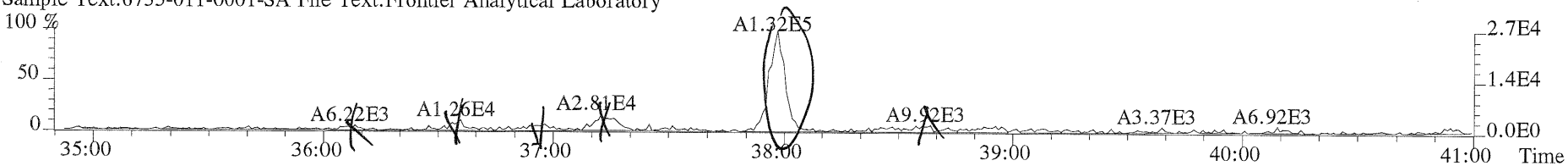
File:10MAY11M #1-476 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:25 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



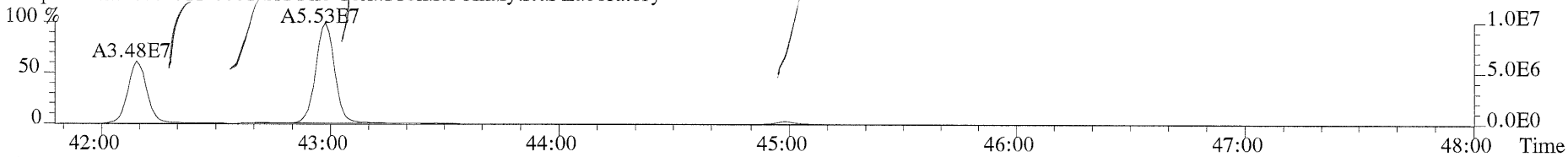
File:10MAY11M #1-476 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:25 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



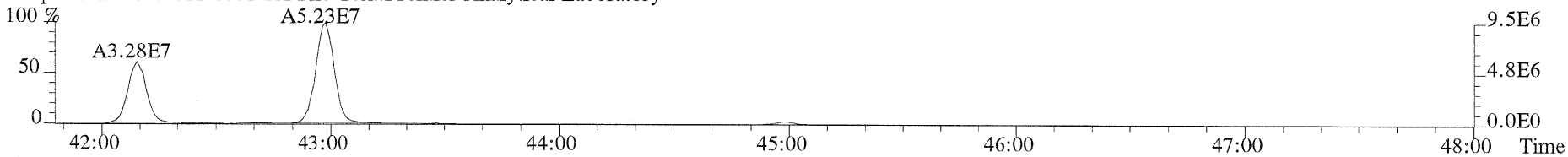
File:10MAY11M #1-476 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:25 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



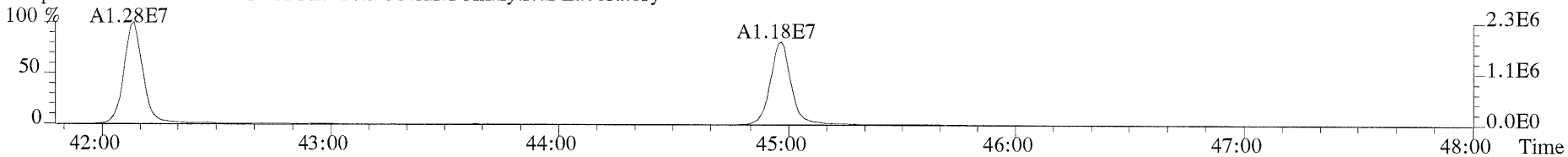
File:10MAY11M #1-541 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:25 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



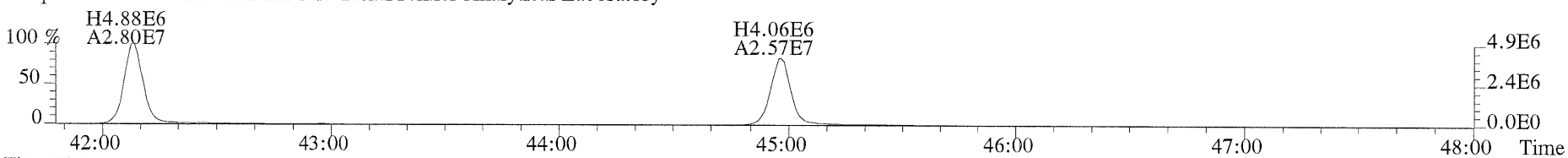
File:10MAY11M #1-541 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:25 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



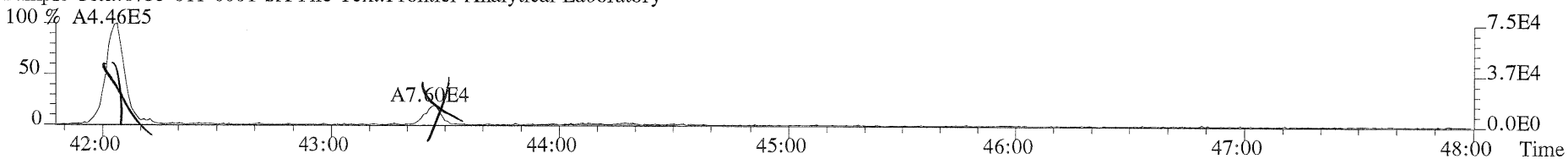
File:10MAY11M #1-541 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:25 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



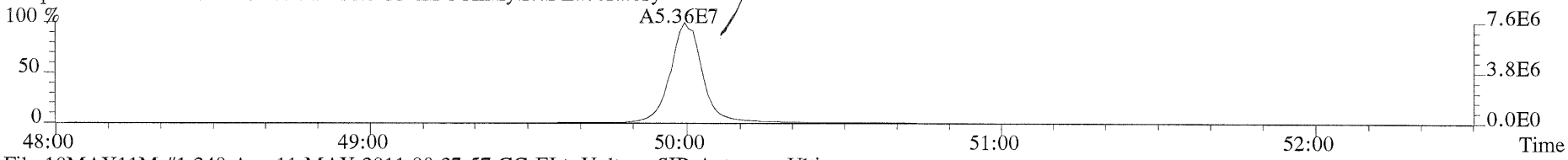
File:10MAY11M #1-541 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:25 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



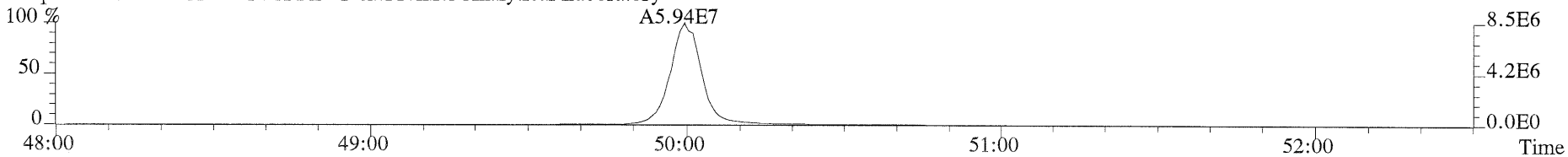
File:10MAY11M #1-541 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:25 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



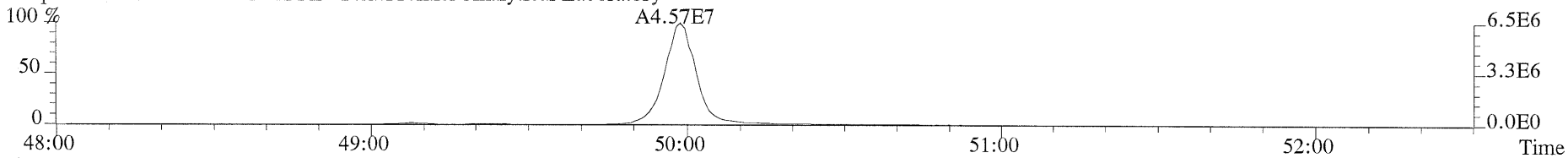
File:10MAY11M #1-348 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:25 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



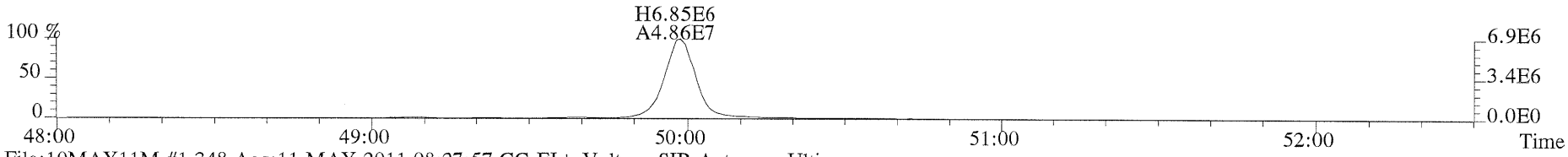
File:10MAY11M #1-348 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:25 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



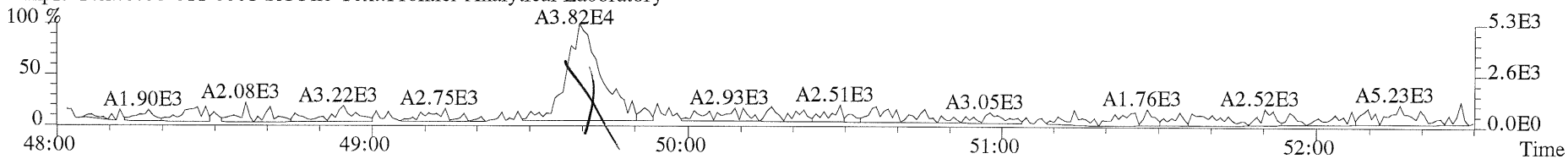
File:10MAY11M #1-348 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:25 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-348 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:25 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-348 Acq:11-MAY-2011 08:27:57 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:25 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory

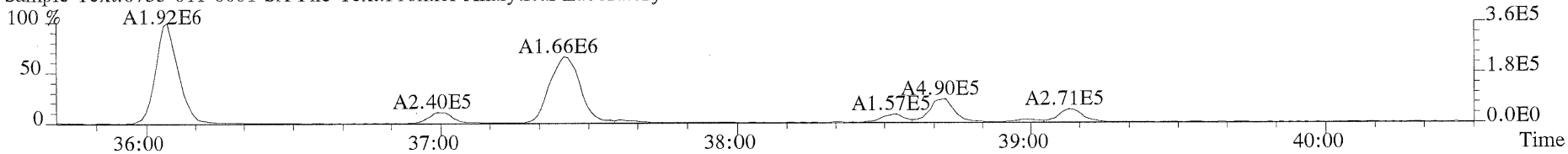


FAL ID: 6735-011-0001-SA Filename: 12MAY11M Sam:4 Acquired: 12-MAY-11 12:33:19 ICal: PCDDFAL3-3-7-11
Client ID: DMA-TP5-1.5-2-042011-D 1:10 ConCal: ST051211M1 EndCal: ST051211M2
Results: GC Column: DB5 Amount: 4.990

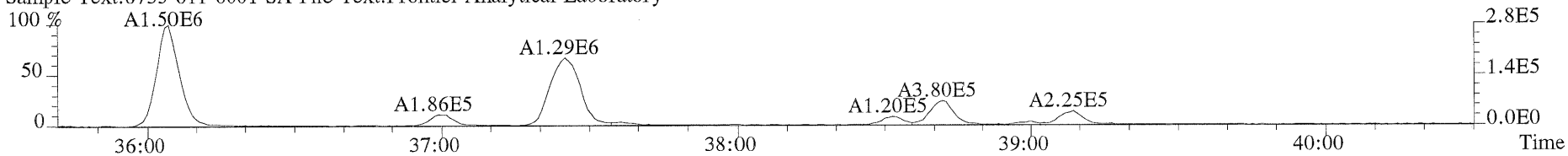
Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
OCDD	1.22e+08	0.97 y	49:40	1.45	17400		2.50	-	-	*
										Rec
13C-OCDD	3.88e+06	1.01 y	49:40	0.607	856					107
37Cl-2,3,7,8-TCDD	9.62e+05	1.23 y	27:21	0.729	138					86.4
13C-1,2,3,7,8,9-HxCDD	2.99e+06		39:06	-	2.42					

Analyst: _____ Date: 5/12/11

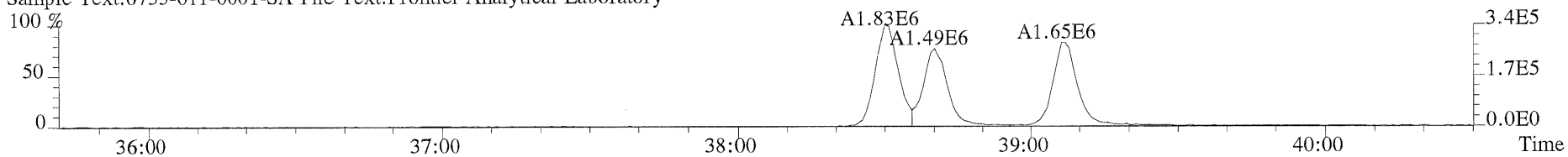
File:12MAY11M #1-476 Acq:12-MAY-2011 12:33:19 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:4 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



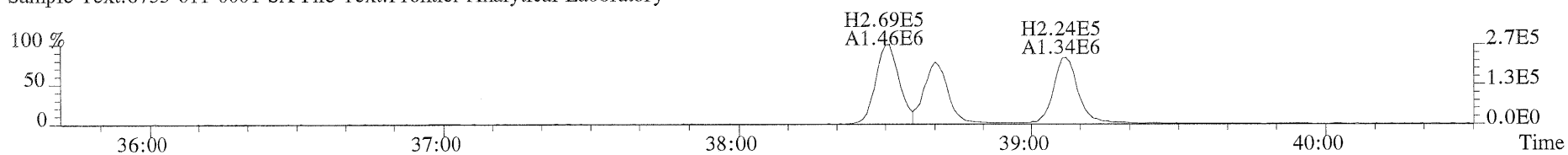
File:12MAY11M #1-476 Acq:12-MAY-2011 12:33:19 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:4 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



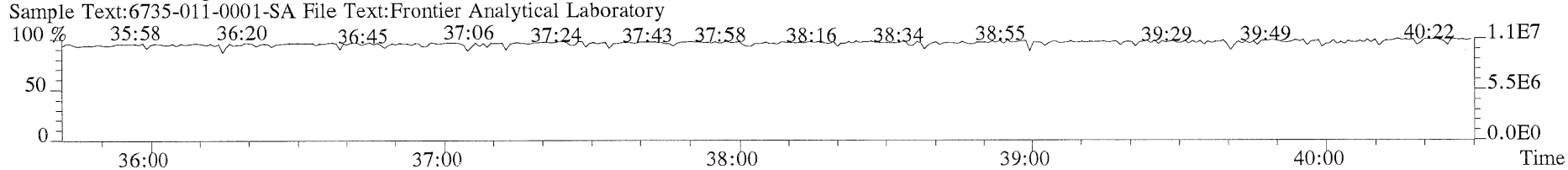
File:12MAY11M #1-476 Acq:12-MAY-2011 12:33:19 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:4 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



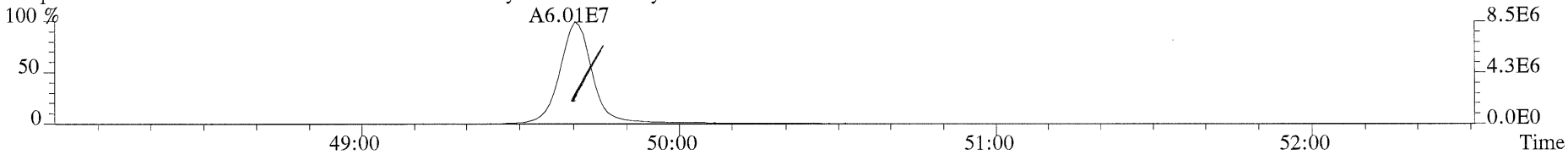
File:12MAY11M #1-476 Acq:12-MAY-2011 12:33:19 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:4 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



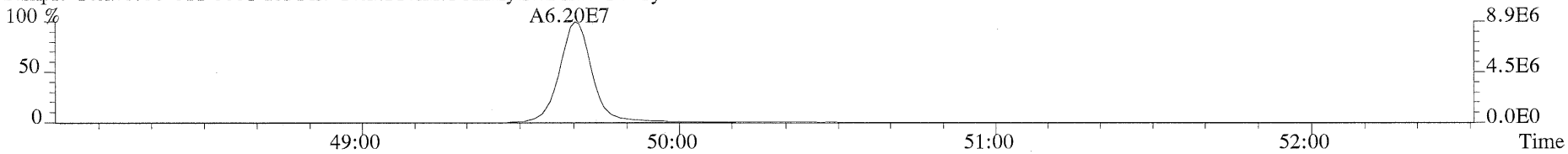
File:12MAY11M #1-476 Acq:12-MAY-2011 12:33:19 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:4 F:3 Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



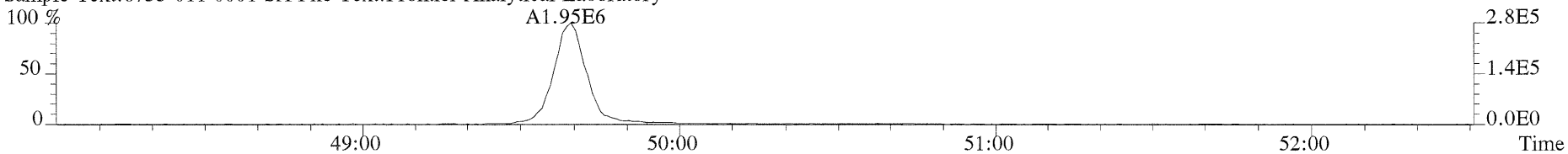
File:12MAY11M #1-348 Acq:12-MAY-2011 12:33:19 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



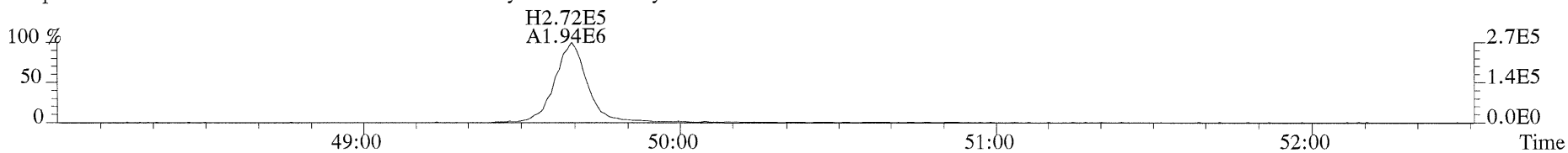
File:12MAY11M #1-348 Acq:12-MAY-2011 12:33:19 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



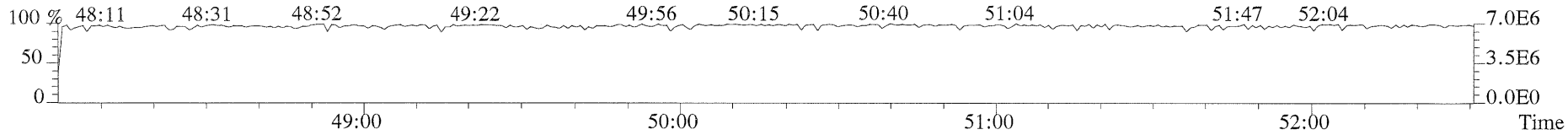
File:12MAY11M #1-348 Acq:12-MAY-2011 12:33:19 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



File:12MAY11M #1-348 Acq:12-MAY-2011 12:33:19 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory



File:12MAY11M #1-348 Acq:12-MAY-2011 12:33:19 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:4 F:5 Exp:OCDD
Sample Text:6735-011-0001-SA File Text:Frontier Analytical Laboratory

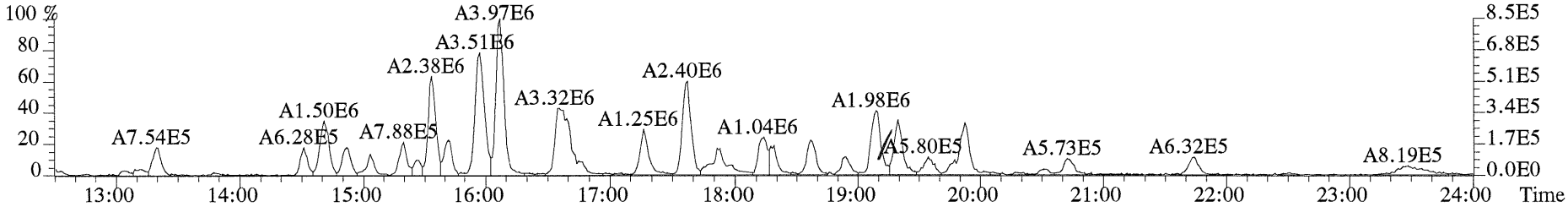


FAL ID: 6735-011-0001-SA Filename: 12MAY11A Sam:4 Acquired: 12-MAY-11 10:15:07 ICal: TCDFFAL1-2-18-11
Client ID: DMA-TP5-1.5-2-042011-D ConCal: ST051211A1 EndCal: ST051211A2
Results: GC Column: DB225 Amount: 4.990

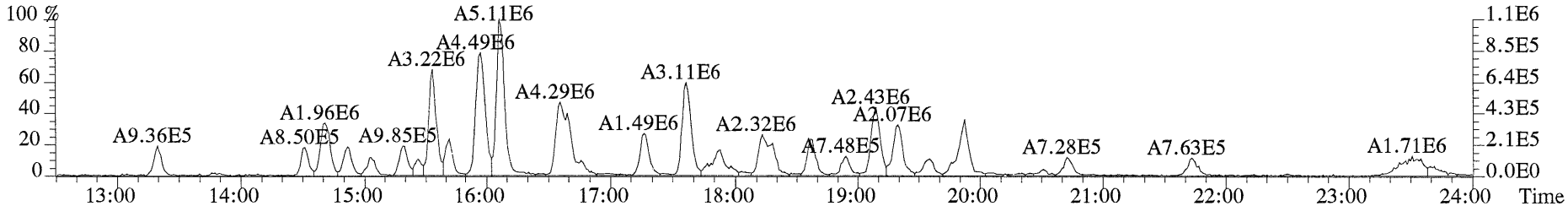
Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise	DL	#Hom	Rec
2,3,7,8-TCDF	4.42e+06	0.81 y	19:09	1.16	6.99		2.50	-	-	1	
13C-2,3,7,8-TCDF	2.19e+08	0.80 y	19:07	1.05	396						98.8
13C-1,2,3,4-TCDF	2.10e+08	0.80 y	16:35	-	23.8						

Analyst: _____ Date: 5/12/11

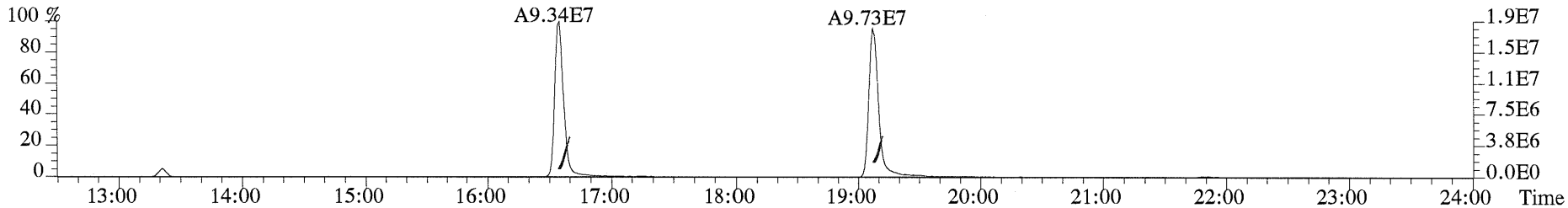
File:12MAY11A Acq:12-MAY-2011 10:15:07 FAL-1 Frontier Analytical Laboratory
303.9016 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-011-0001-SA



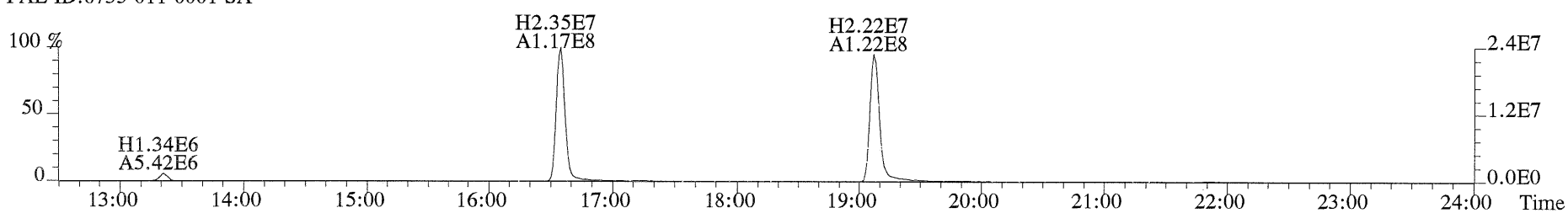
File:12MAY11A Acq:12-MAY-2011 10:15:07 FAL-1 Frontier Analytical Laboratory
305.8987 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-011-0001-SA



File:12MAY11A Acq:12-MAY-2011 10:15:07 FAL-1 Frontier Analytical Laboratory
315.9419 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-011-0001-SA



File:12MAY11A Acq:12-MAY-2011 10:15:07 FAL-1 Frontier Analytical Laboratory
317.9389 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-011-0001-SA



FAL ID: 6735-012-0001-SA Filename: 10MAY11M Sam:24 Acquired: 11-MAY-11 07:32:34 ICal: PCDDFAL3-3-7-11
Client ID: DMA-TP5-2-3-042011 ConCal: ST051011M2 EndCal: ST051011M3
Results: 6735 GC Column: DB5 Amount: 5.060 NATO 1989 Tox: 0.0368
WHO 1998 Tox: 0.0230 WHO 2005 Tox: 0.0261

Name	Resp	RA		RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	*	*	n	NotFnd	1.13	*		2.50	688	723	0.204
1,2,3,7,8-PeCDD	*	*	n	NotFnd	1.02	*		2.50	568	469	0.215
1,2,3,4,7,8-HxCDD	*	*	n	NotFnd	1.45	*		2.50	561	486	0.203
1,2,3,6,7,8-HxCDD	*	*	n	NotFnd	1.45	*		2.50	561	486	0.252
1,2,3,7,8,9-HxCDD	*	*	n	NotFnd	1.47	*		2.50	561	486	0.222
1,2,3,4,6,7,8-HpCDD	1.02e+05	0.89	y	44:04	1.30	1.85	J	2.50	-	-	*
OCDD	5.26e+05	0.97	y	49:37	1.45	14.2		2.50	-	-	*
2,3,7,8-TCDF	*	*	n	NotFnd	1.15	*		2.50	771	1050	0.147
1,2,3,7,8-PeCDF	*	*	n	NotFnd	0.89	*		2.50	576	840	0.185
2,3,4,7,8-PeCDF	*	*	n	NotFnd	0.89	*		2.50	576	840	0.200
1,2,3,4,7,8-HxCDF	*	*	n	NotFnd	1.01	*		2.50	716	640	0.214
1,2,3,6,7,8-HxCDF	*	*	n	NotFnd	0.89	*		2.50	716	640	0.225
2,3,4,6,7,8-HxCDF	*	*	n	NotFnd	1.02	*		2.50	716	640	0.234
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.10	*		2.50	716	640	0.196
1,2,3,4,6,7,8-HpCDF	2.09e+04	0.97	y	42:09	1.48	0.299	J	2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	*	*	n	NotFnd	1.43	*		2.50	395	326	0.173
OCDF	4.31e+04	0.96	y	49:58	0.84	1.04	J	2.50	-	-	*

							Rec
13C-2,3,7,8-TCDD	2.69e+07	0.78	y	27:13	1.03	380	96.1
13C-1,2,3,7,8-PeCDD	2.53e+07	1.76	y	33:03	1.01	364	92.2
13C-1,2,3,4,7,8-HxCDD	1.97e+07	1.24	y	38:26	1.19	321	81.2
13C-1,2,3,6,7,8-HxCDD	1.61e+07	1.25	y	38:36	0.94	334	84.4
13C-1,2,3,4,6,7,8-HpCDD	1.67e+07	1.05	y	44:03	0.83	393	99.4
13C-OCDD	2.02e+07	0.99	y	49:35	0.61	646	81.8
13C-2,3,7,8-TCDF	4.59e+07	0.88	y	26:28	0.98	411	104
13C-1,2,3,7,8-PeCDF	4.20e+07	1.68	y	31:19	0.83	444	112
13C-2,3,4,7,8-PeCDF	4.02e+07	1.65	y	32:38	0.80	439	111
13C-1,2,3,4,7,8-HxCDF	3.35e+07	0.48	y	37:02	1.84	353	89.4
13C-1,2,3,6,7,8-HxCDF	3.96e+07	0.48	y	37:14	2.29	336	85.0
13C-2,3,4,6,7,8-HxCDF	3.23e+07	0.48	y	38:10	1.86	337	85.3
13C-1,2,3,7,8,9-HxCDF	3.75e+07	0.48	y	39:37	1.98	368	93.0
13C-1,2,3,4,6,7,8-HpCDF	1.86e+07	0.46	y	42:08	0.99	367	92.8
13C-1,2,3,4,7,8,9-HpCDF	1.74e+07	0.46	y	44:58	0.77	442	112
13C-OCDF	3.87e+07	0.96	y	49:58	1.17	646	81.7
37Cl-2,3,7,8-TCDD	7.19e+06			27:14	0.73	143	90.7

13C-1,2,3,4-TCDD	2.72e+07	0.79	y	26:40	-	14.1
13C-1,2,3,4-TCDF	4.51e+07	0.88	y	25:24	-	12.4
13C-1,2,3,7,8,9-HxCDD	2.03e+07	1.24	y	39:02	-	16.2

							Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	*			NotFnd	1.13	*	2.50	688	723	0.204		0
Total Penta-Dioxins	*			NotFnd	1.02	*	2.50	568	469	0.215		0
Total Hexa-Dioxins	4.20e+04			36:00	1.46	0.637	J 2.50	-	-	*		1
Total Hepta-Dioxins	2.21e+05			42:41	1.30	4.01	J 2.50	-	-	*		2
Total Tetra-Furans	*			NotFnd	1.15	*	2.50	771	1050	0.147		0
1st Fn. Tot Penta-Furans	*			NotFnd	0.89	*	2.50	576	840	0.200	PeCDF	0
Total Penta-Furans	*			NotFnd	0.89	*	2.50	576	840	0.200	0.00	0
Total Hexa-Furans	*			NotFnd	1.00	*	2.50	716	640	0.234		0
Total Hepta-Furans	5.50e+04			42:09	1.46	0.812	J 2.50	-	-	*		2

Analyst: J Date: 5/12/11

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 30 File: 10MAY11M S: 24 I: 1 F: 3
Acquired: 11-MAY-11 07:32:34

Total Concentration: 0.637 Unnamed Concentration: 0.637

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
36:00	2.43e+04	1.77e+04	1.37	y	4.20e+04	0.637	

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 30 File: 10MAY11M S: 24 I: 1 F: 4
Acquired: 11-MAY-11 07:32:34

Total Concentration: 4.01 Unnamed Concentration: 2.164

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:41	5.75e+04	6.15e+04	0.93 y	1.19e+05	2.16	
44:04	4.78e+04	5.38e+04	0.89 y	1.02e+05	1.85	1,2,3,4,6,7,8-HpCDD

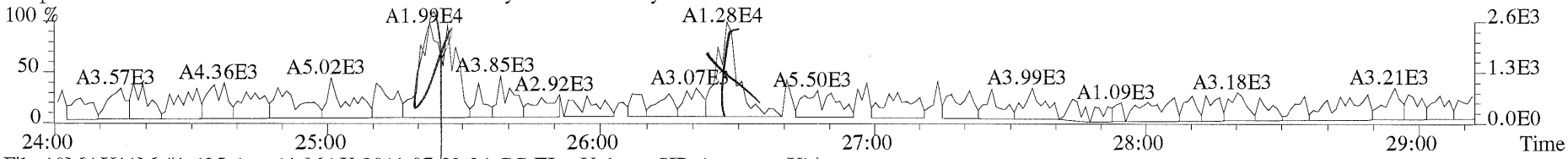
Totals class: Total Hepta-Furans Entry #: 46

Run: 30 File: 10MAY11M S: 24 I: 1 F: 4
Acquired: 11-MAY-11 07:32:34

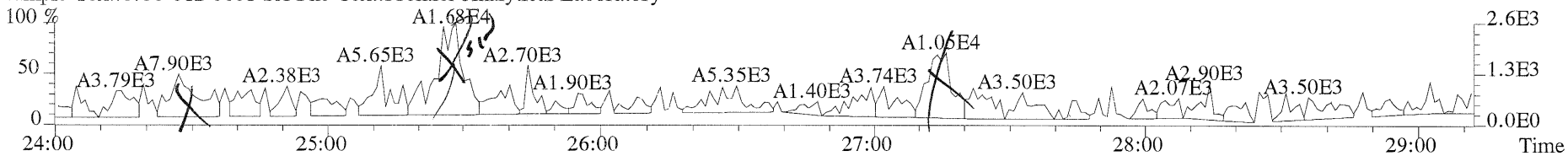
Total Concentration: 0.812 Unnamed Concentration: 0.513

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:09	1.03e+04	1.06e+04	0.97 y	2.09e+04	0.299	1,2,3,4,6,7,8-HpCDF
42:59	1.65e+04	1.76e+04	0.93 y	3.41e+04	0.513	

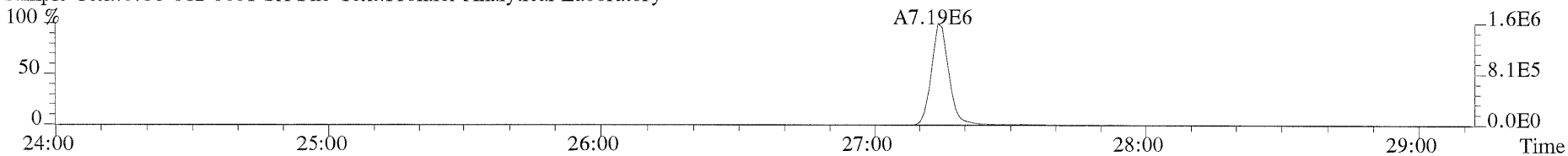
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:24 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



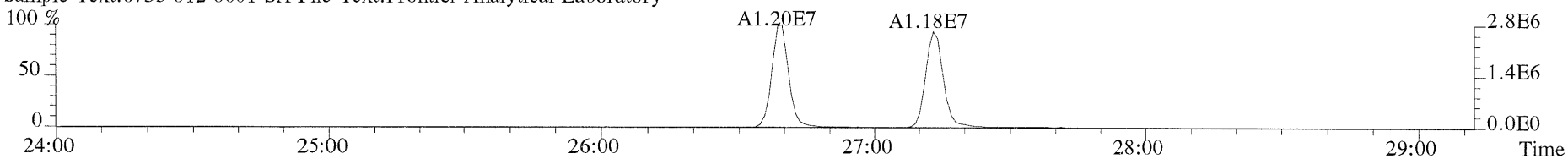
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:24 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



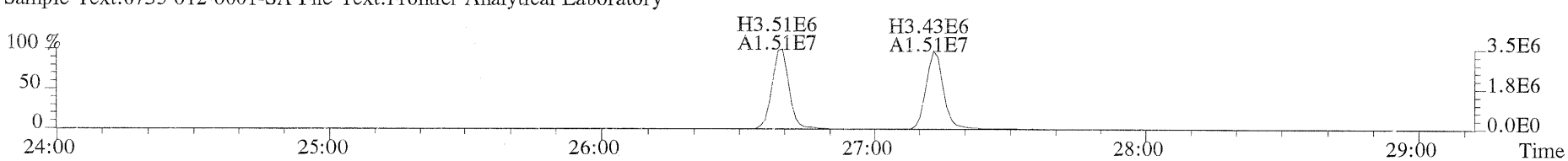
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:24 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



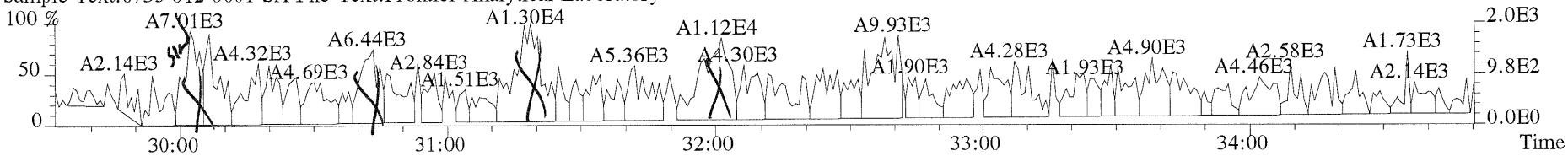
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:24 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



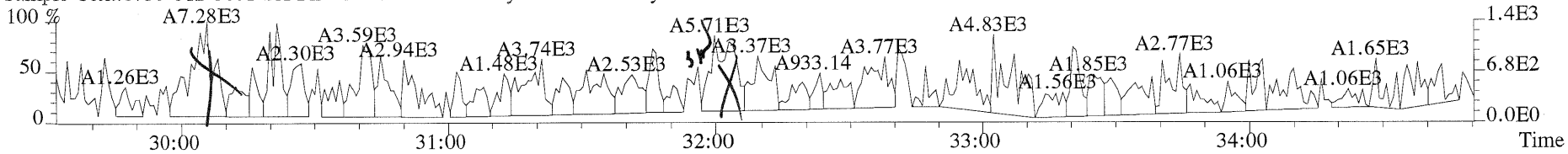
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:24 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



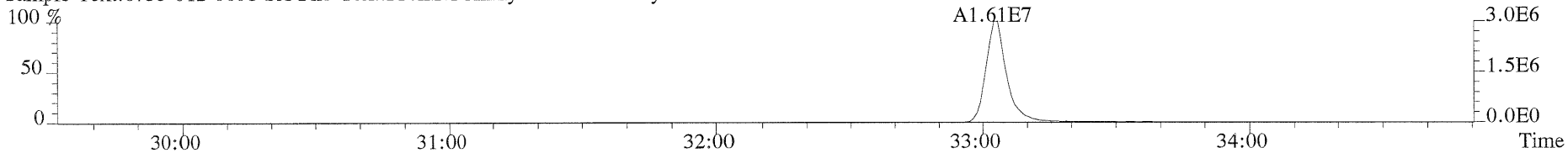
File:10MAY11M #1-412 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:24 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



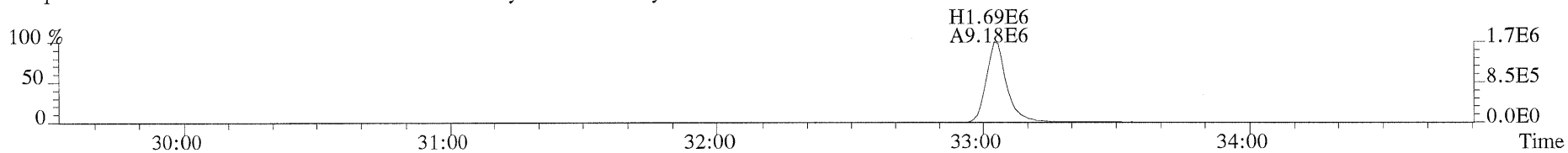
File:10MAY11M #1-412 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:24 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



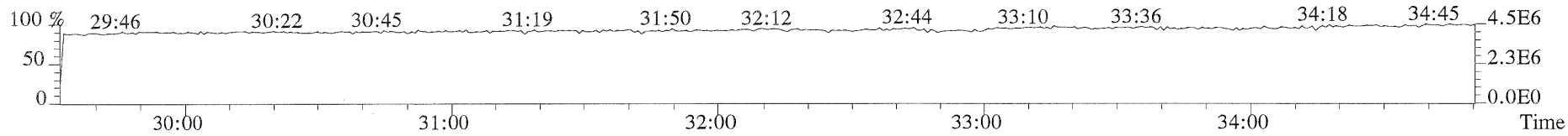
File:10MAY11M #1-412 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:24 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



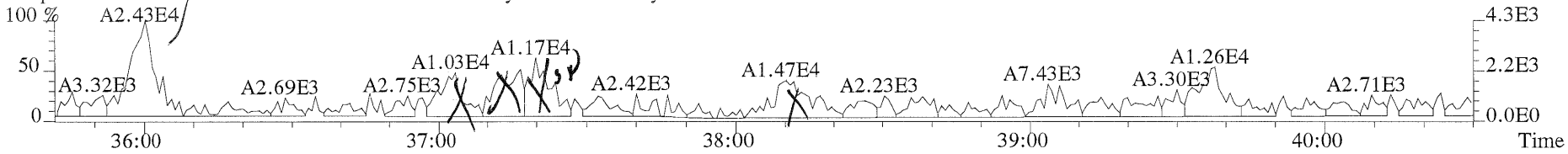
File:10MAY11M #1-412 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:24 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



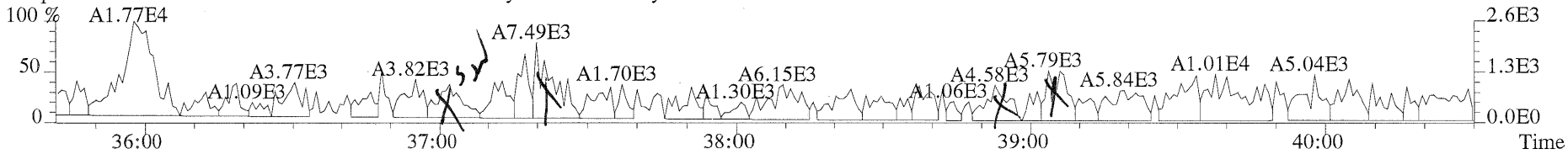
File:10MAY11M #1-412 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:24 F:2 Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



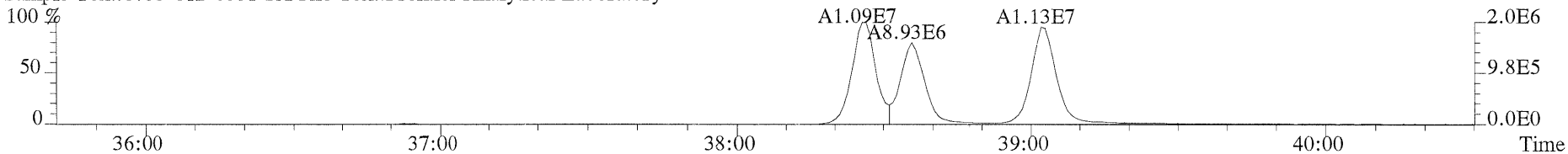
File:10MAY11M #1-477 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:24 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



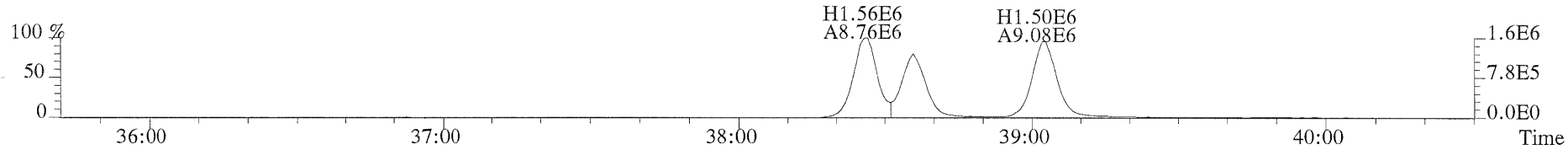
File:10MAY11M #1-477 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:24 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



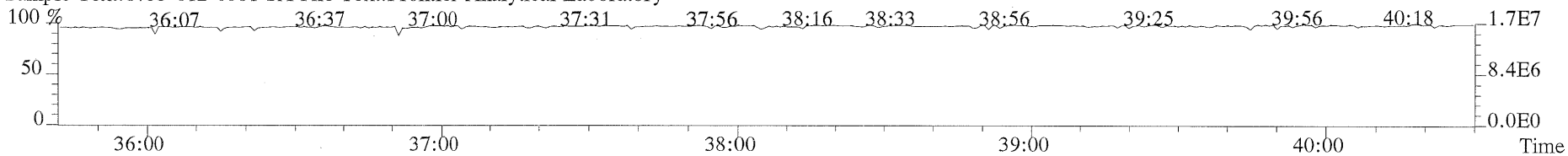
File:10MAY11M #1-477 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:24 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



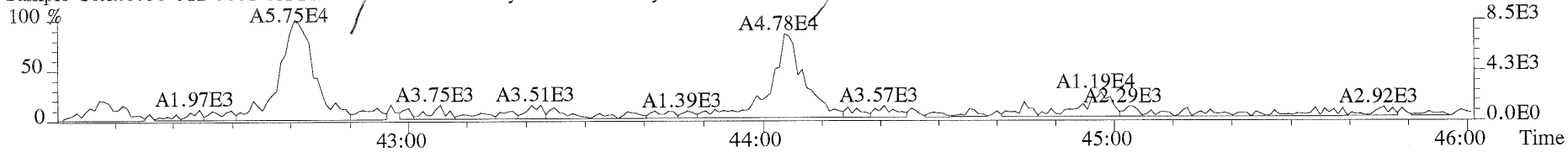
File:10MAY11M #1-477 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:24 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



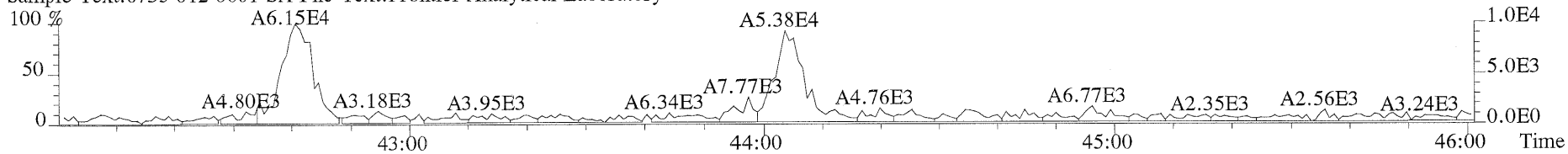
File:10MAY11M #1-477 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:24 F:3 Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



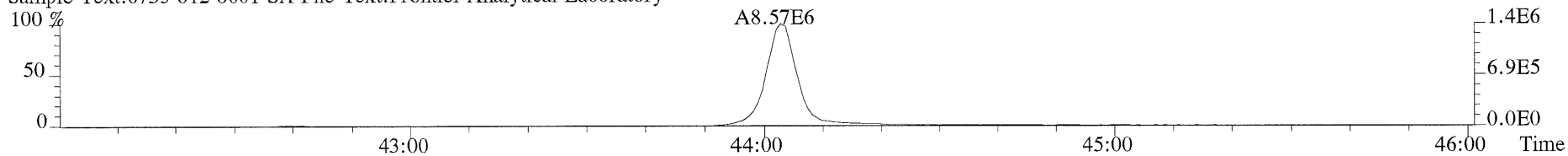
File:10MAY11M #1-541 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:24 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



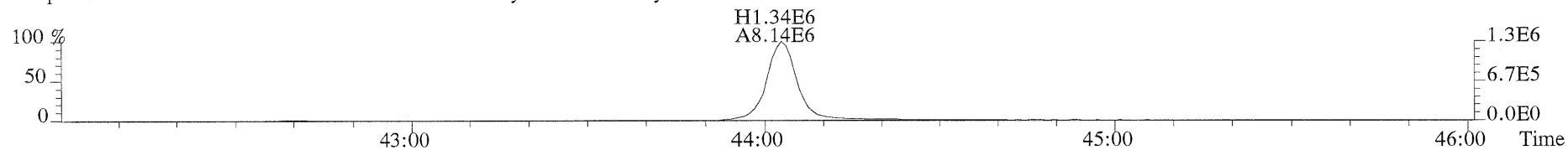
File:10MAY11M #1-541 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:24 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



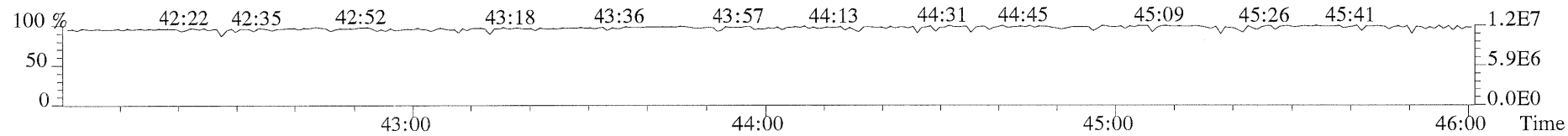
File:10MAY11M #1-541 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:24 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



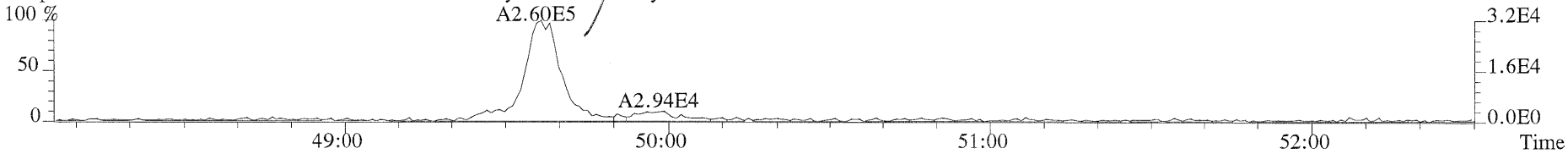
File:10MAY11M #1-541 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:24 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



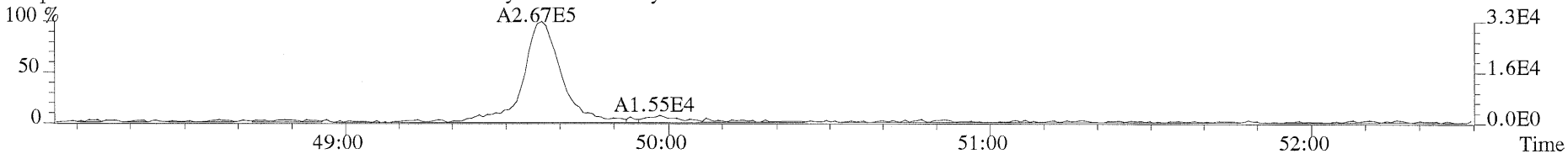
File:10MAY11M #1-541 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:24 F:4 Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



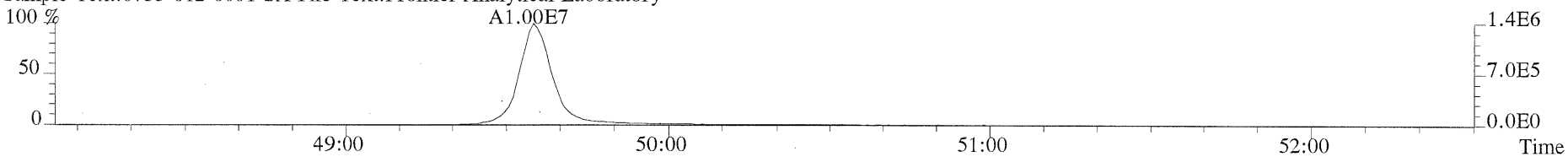
File:10MAY11M #1-347 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:24 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



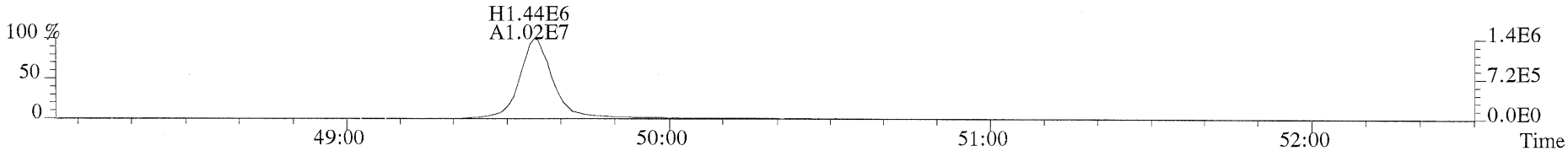
File:10MAY11M #1-347 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:24 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



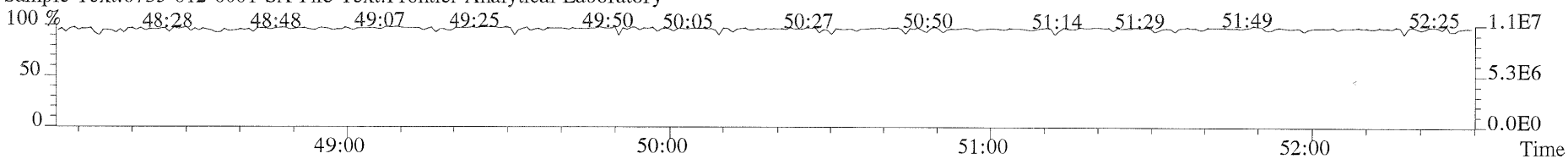
File:10MAY11M #1-347 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:24 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



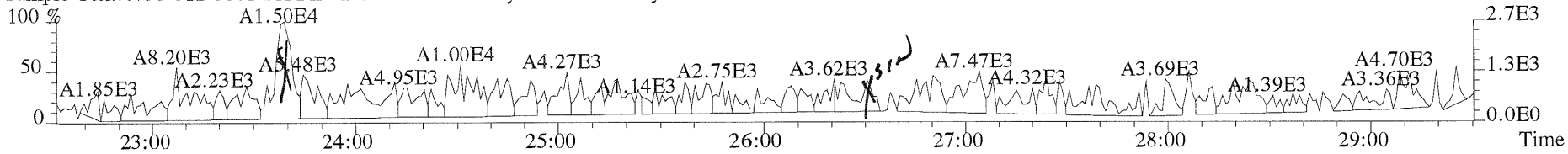
File:10MAY11M #1-347 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:24 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



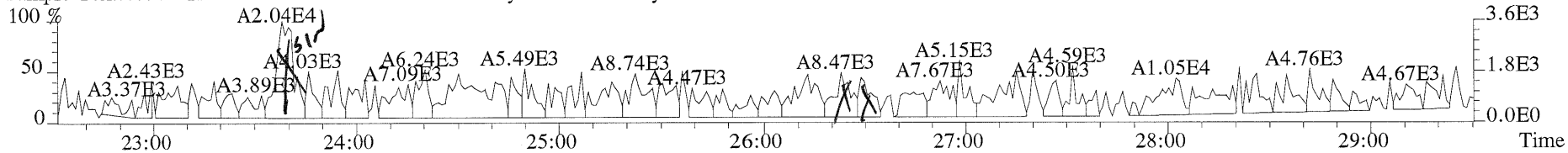
File:10MAY11M #1-347 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:24 F:5 Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



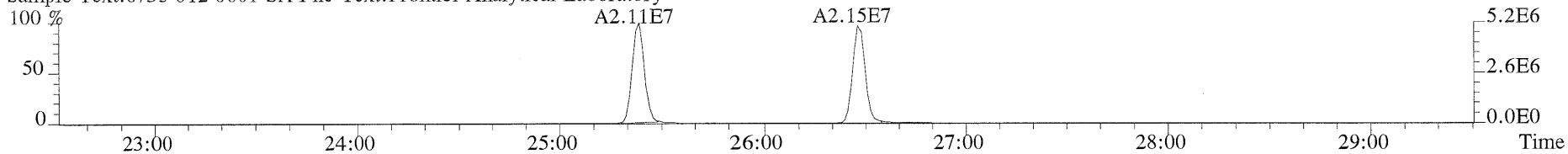
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:24 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



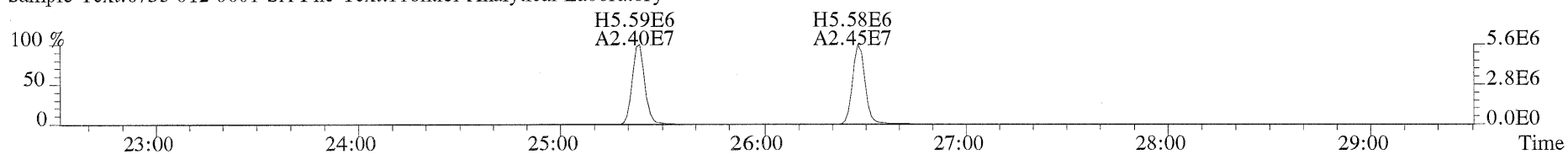
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:24 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



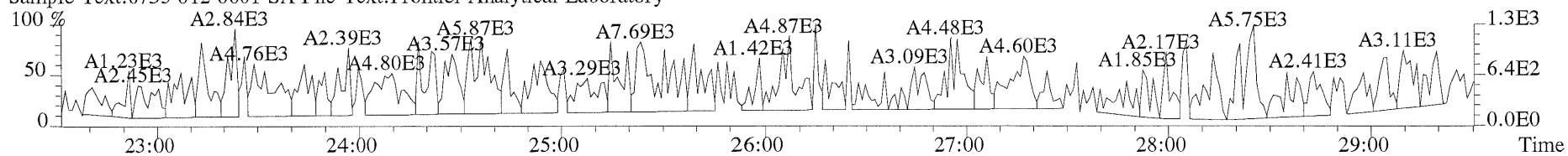
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:24 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



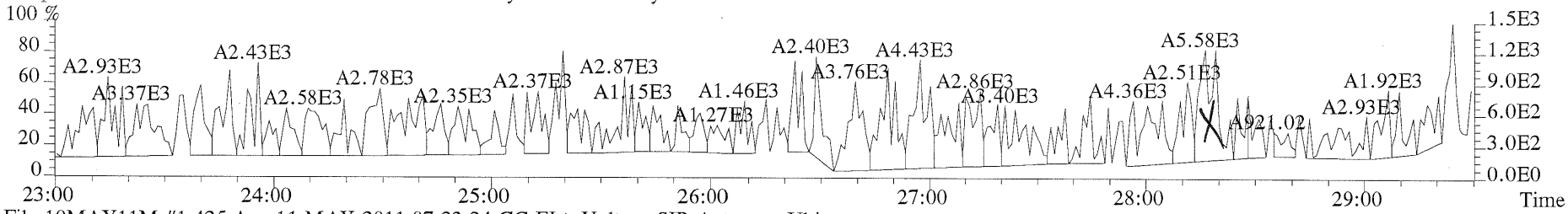
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:24 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



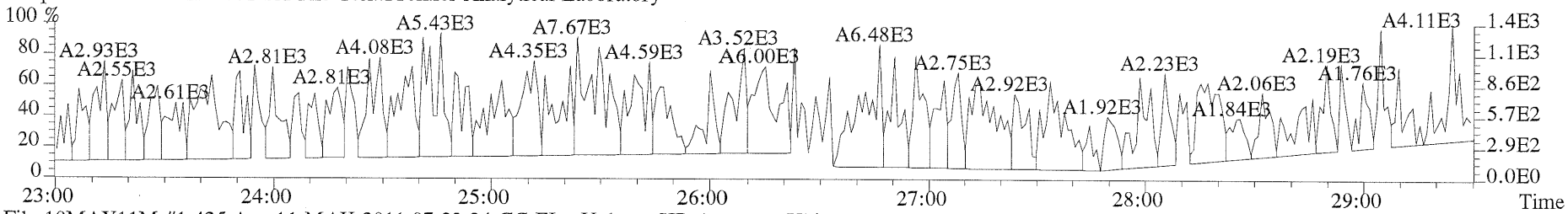
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:24 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



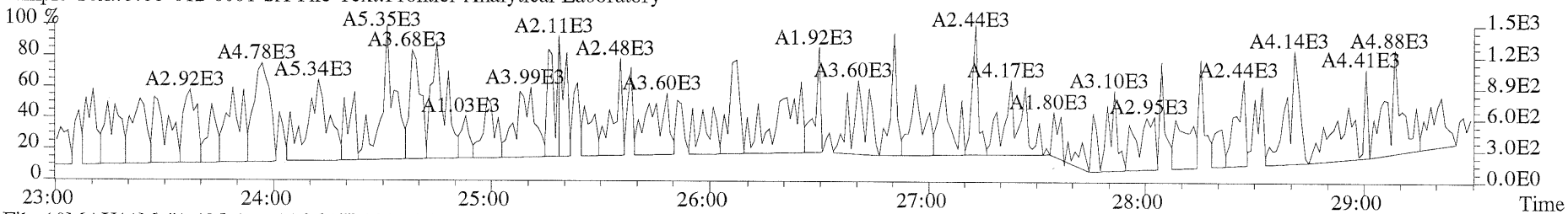
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:24 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



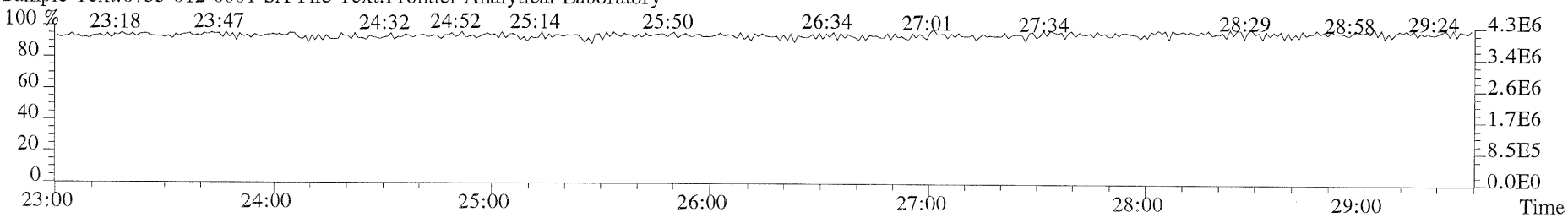
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:24 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



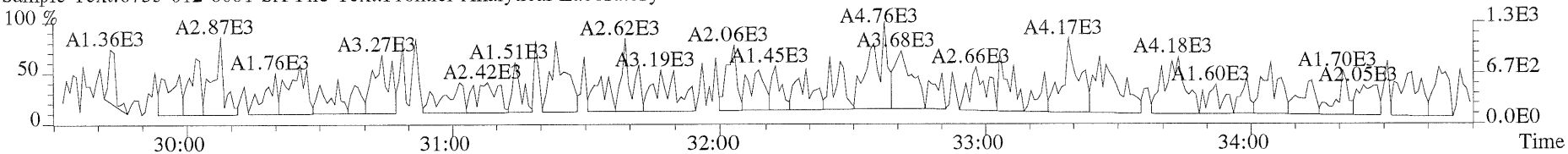
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:24 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



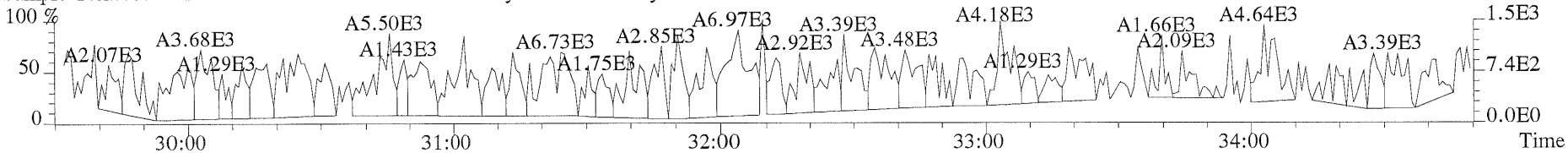
File:10MAY11M #1-425 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:24 Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



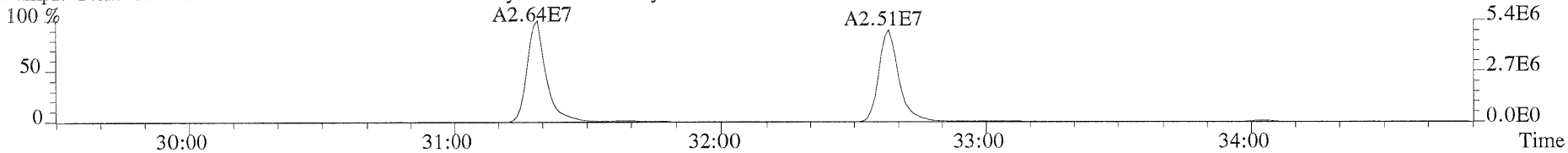
File:10MAY11M #1-412 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:24 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



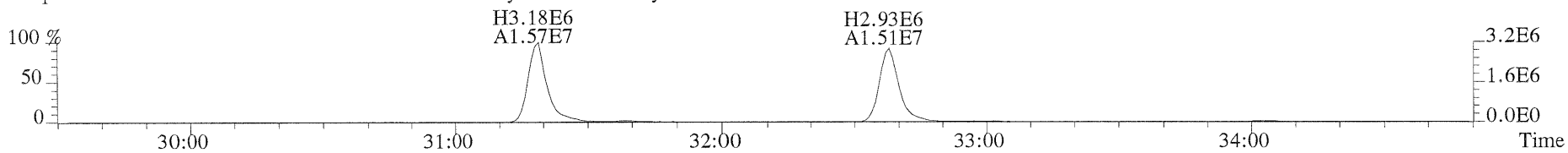
File:10MAY11M #1-412 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:24 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



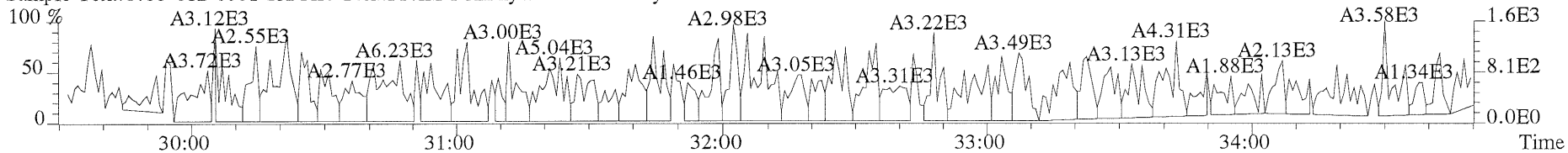
File:10MAY11M #1-412 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:24 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



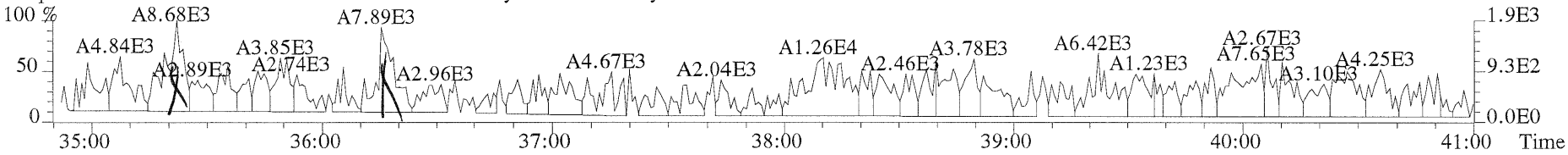
File:10MAY11M #1-412 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:24 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



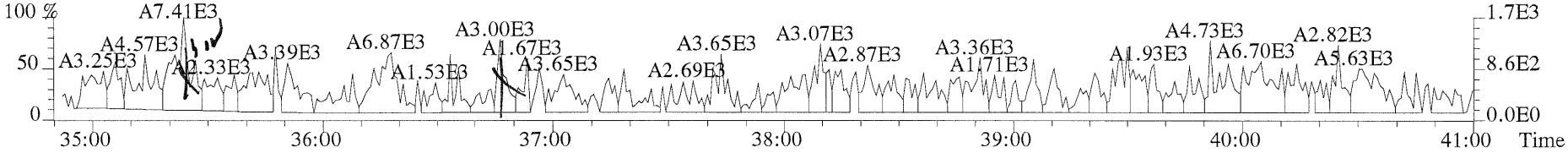
File:10MAY11M #1-412 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:24 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



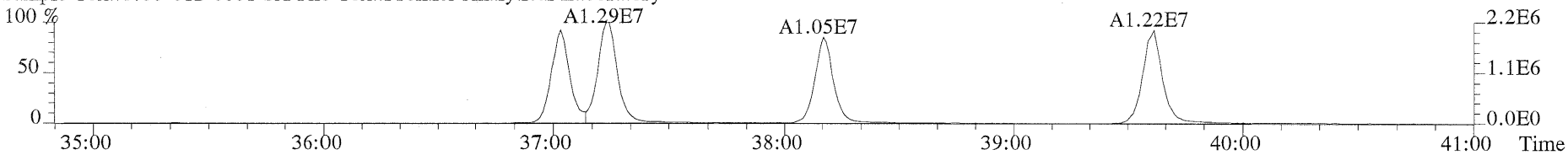
File:10MAY11M #1-477 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:24 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



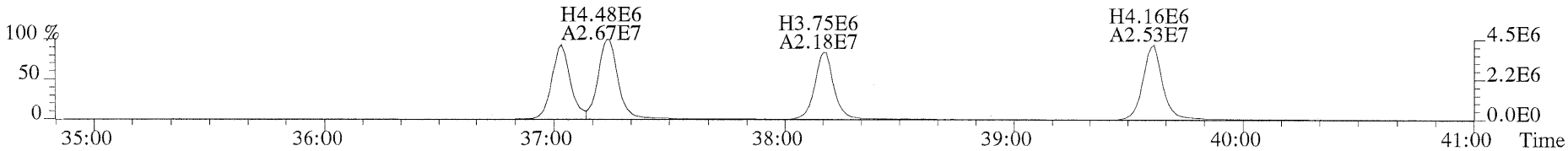
File:10MAY11M #1-477 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:24 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



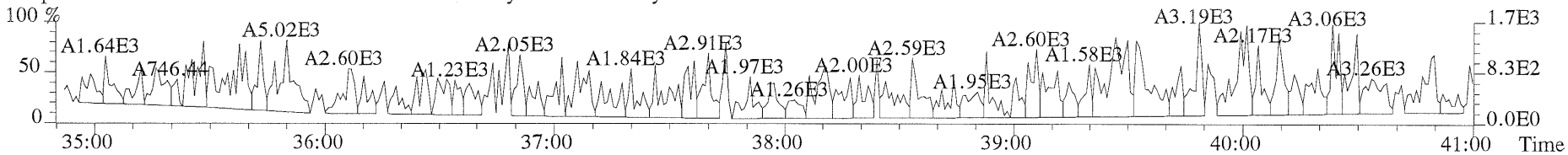
File:10MAY11M #1-477 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:24 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



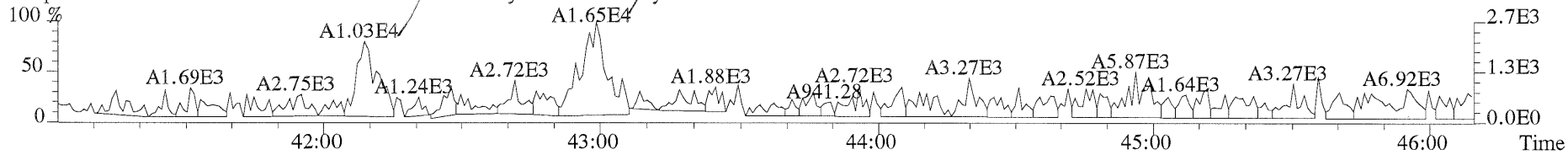
File:10MAY11M #1-477 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:24 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



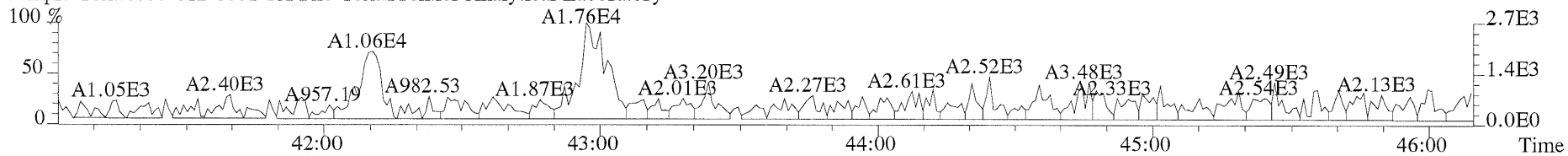
File:10MAY11M #1-477 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:24 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



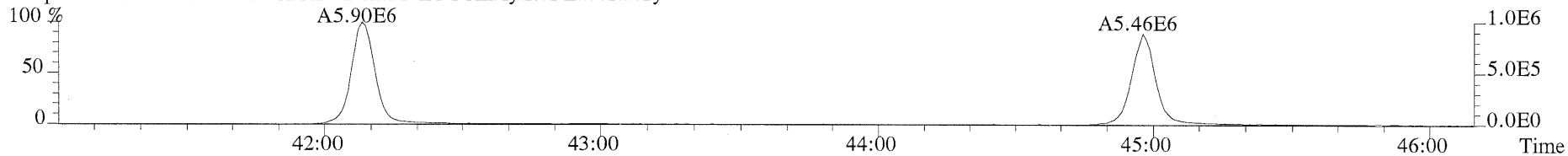
File:10MAY11M #1-541 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:24 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



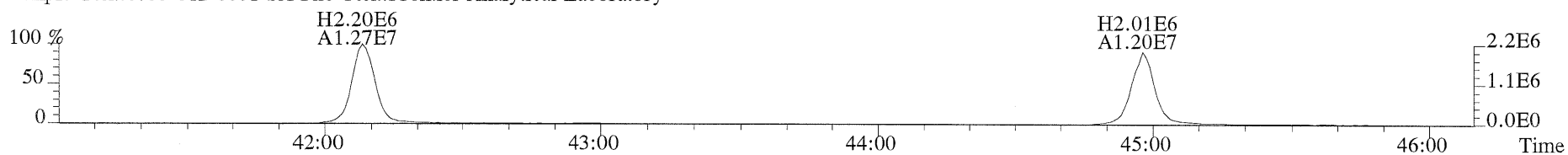
File:10MAY11M #1-541 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:24 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



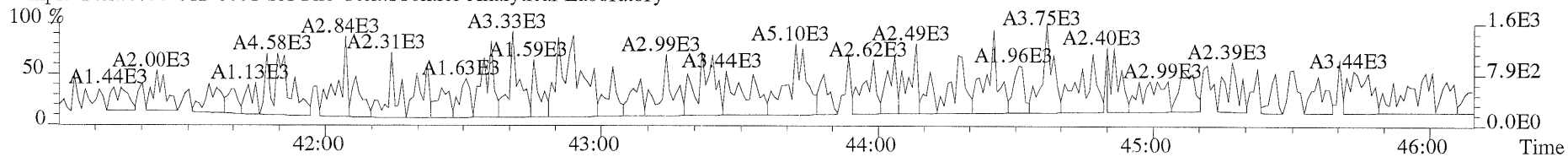
File:10MAY11M #1-541 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:24 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



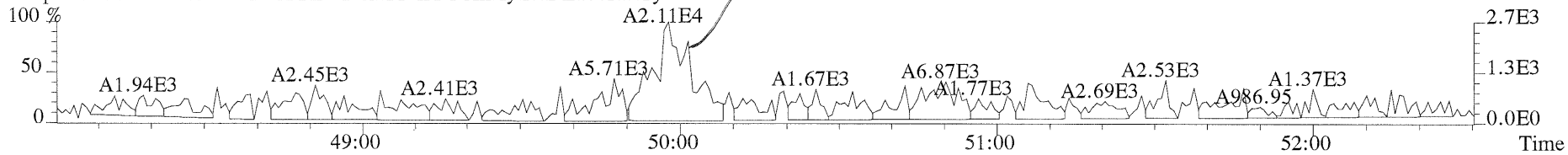
File:10MAY11M #1-541 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:24 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



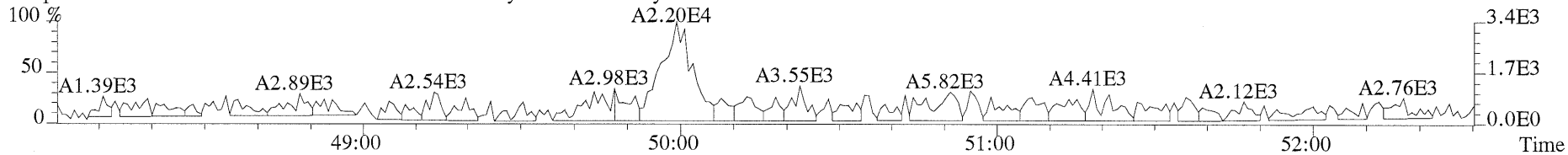
File:10MAY11M #1-541 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:24 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



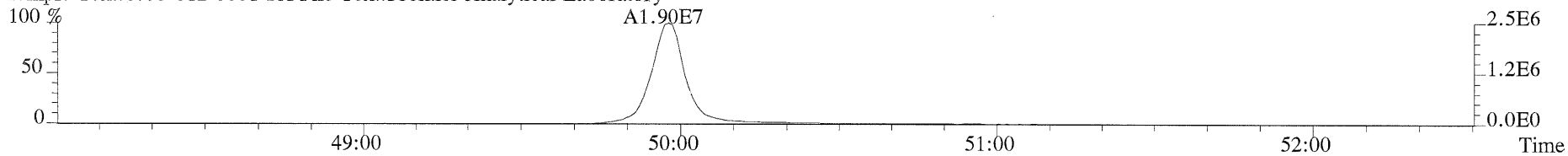
File:10MAY11M #1-347 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:24 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



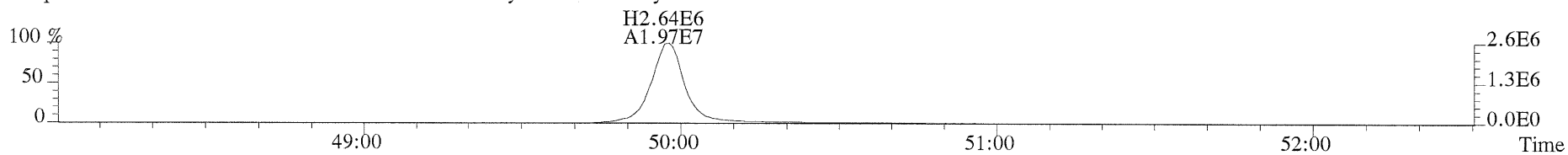
File:10MAY11M #1-347 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:24 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



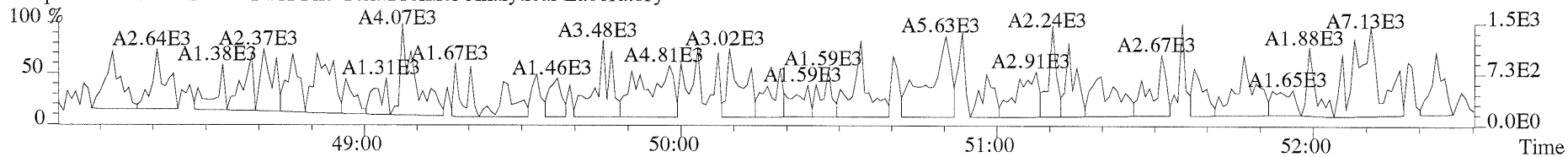
File:10MAY11M #1-347 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:24 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-347 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:24 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-347 Acq:11-MAY-2011 07:32:34 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:24 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-012-0001-SA File Text:Frontier Analytical Laboratory



FAL ID: 6735-013-0001-SA Filename: 10MAY11M Sam:23 Acquired: 11-MAY-11 06:37:16 ICal: PCDDFAL3-3-7-11
Client ID: DMA-TP3-2-3-042011 ConCal: ST051011M2 EndCal: ST051011M3
Results: 6735 GC Column: DB5 Amount: 4.990 NATO 1989 Tox: 8.10
WHO 1998 Tox: 7.20 WHO 2005 Tox: ~~7.35~~ 7.34 DN 5/12/11

Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	8.61e+04	0.74 y	27:15	1.13	0.714	J	2.50	-	-	*
1,2,3,7,8-PeCDD	1.27e+05	1.59 y	33:04	1.02	1.18	J	2.50	-	-	*
1,2,3,4,7,8-HxCDD	3.05e+05	1.26 y	38:27	1.45	2.27	J	2.50	-	-	*
1,2,3,6,7,8-HxCDD	8.84e+05	1.38 y	38:38	1.45	7.99		2.50	-	-	*
1,2,3,7,8,9-HxCDD	5.26e+05	1.24 y	39:04	1.47	4.24	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDD	2.03e+07	0.91 y	44:05	1.30	185		2.50	-	-	*
OCDD	1.30e+08	0.93 y	49:38	1.45	1560		2.50	-	-	*
2,3,7,8-TCDF	2.71e+05	0.69 y	26:30	1.15	1.32		2.50	-	-	*
1,2,3,7,8-PeCDF	9.56e+04	1.53 y	31:20	0.89	0.639	J	2.50	-	-	*
2,3,4,7,8-PeCDF	1.27e+05	1.69 y	32:40	0.89	0.869	J	2.50	-	-	*
1,2,3,4,7,8-HxCDF	5.12e+05	1.23 y	37:04	1.01	3.34	J	2.50	-	-	*
1,2,3,6,7,8-HxCDF	2.88e+05	1.19 y	37:15	0.89	1.76	J	2.50	-	-	*
2,3,4,6,7,8-HxCDF	3.71e+05	1.24 y	38:12	1.02	2.43	J	2.50	-	-	*
1,2,3,7,8,9-HxCDF	8.75e+04	1.12 y	39:43	1.10	0.468	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDF	5.72e+06	1.07 y	42:10	1.48	41.5		2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	2.91e+05	1.08 y	44:59	1.43	2.43	J	2.50	-	-	*
OCDF	8.75e+06	0.91 y	49:59	0.84	98.5		2.50	-	-	*

						Rec
13C-2,3,7,8-TCDD	4.26e+07	0.79 y	27:13	1.03	373	93.0
13C-1,2,3,7,8-PeCDD	4.26e+07	1.75 y	33:04	1.01	379	94.6
13C-1,2,3,4,7,8-HxCDD	3.72e+07	1.25 y	38:27	1.19	359	89.6
13C-1,2,3,6,7,8-HxCDD	3.05e+07	1.25 y	38:37	0.94	375	93.5
13C-1,2,3,4,6,7,8-HpCDD	3.37e+07	1.03 y	44:04	0.83	469	117
13C-OCDD	4.64e+07	0.97 y	49:37	0.61	878	110
13C-2,3,7,8-TCDF	7.18e+07	0.87 y	26:28	0.98	403	101
13C-1,2,3,7,8-PeCDF	6.77e+07	1.66 y	31:19	0.83	449	112
13C-2,3,4,7,8-PeCDF	6.56e+07	1.67 y	32:38	0.80	449	112
13C-1,2,3,4,7,8-HxCDF	6.08e+07	0.49 y	37:02	1.84	380	94.8
13C-1,2,3,6,7,8-HxCDF	7.37e+07	0.48 y	37:15	2.29	370	92.3
13C-2,3,4,6,7,8-HxCDF	6.02e+07	0.49 y	38:10	1.86	372	92.9
13C-1,2,3,7,8,9-HxCDF	6.79e+07	0.49 y	39:36	1.98	394	98.4
13C-1,2,3,4,6,7,8-HpCDF	3.73e+07	0.46 y	42:08	0.99	435	108
13C-1,2,3,4,7,8,9-HpCDF	3.37e+07	0.46 y	44:58	0.77	505	126
13C-OCDF	8.45e+07	0.95 y	49:58	1.17	834	104
37Cl-2,3,7,8-TCDD	1.15e+07		27:15	0.73	142	88.6
13C-1,2,3,4-TCDD	4.46e+07	0.80 y	26:39	-	23.5	
13C-1,2,3,4-TCDF	7.29e+07	0.88 y	25:24	-	20.3	
13C-1,2,3,7,8,9-HxCDD	3.49e+07	1.23 y	39:03	-	28.1	

						Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	8.20e+05		24:15	1.13	6.80	2.50	-	-	*		12
Total Penta-Dioxins	2.68e+06		30:04	1.02	24.8	2.50	-	-	*		9
Total Hexa-Dioxins	8.75e+06		36:00	1.46	71.7	2.50	-	-	*		8
Total Hepta-Dioxins	4.00e+07		42:42	1.30	365	2.50	-	-	*		2
Total Tetra-Furans	4.17e+06		22:54	1.15	20.3	2.50	-	-	*		20
1st Fn. Tot Penta-Furans	1.24e+06		28:17	0.89	8.41	2.50	-	-	*	PeCDF	1
Total Penta-Furans	2.15e+06		29:55	0.89	14.5	2.50	-	-	*	~~23.0~~	11
Total Hexa-Furans	7.93e+06		35:06	1.00	48.7	2.50	-	-	*	22.9	12
Total Hepta-Furans	1.48e+07		42:10	1.46	112	2.50	-	-	*		4

5/12/11

Analyst: _____ Date: 5/12/11

Totals class: Total Tetra-Dioxins Entry #: 38

Run: 29 File: 10MAY11M S: 23 I: 1 F: 1
Acquired: 11-MAY-11 06:37:16

Total Concentration: 6.80 Unnamed Concentration: 6.082

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
24:15	8.00e+04	1.01e+05	0.79	y	1.81e+05	1.50	
24:31	6.79e+04	8.57e+04	0.79	y	1.54e+05	1.27	
24:50	2.24e+04	3.12e+04	0.72	y	5.36e+04	0.444	
25:28	1.68e+04	2.30e+04	0.73	y	3.99e+04	0.330	
25:38	2.83e+04	3.32e+04	0.85	y	6.14e+04	0.509	
25:47	3.92e+04	4.63e+04	0.85	y	8.55e+04	0.709	
25:57	1.38e+04	1.66e+04	0.83	y	3.05e+04	0.253	
26:19	1.36e+04	1.65e+04	0.82	y	3.01e+04	0.249	
26:40	1.69e+04	2.10e+04	0.81	y	3.79e+04	0.314	
26:59	1.47e+04	1.95e+04	0.75	y	3.42e+04	0.284	
27:15	3.67e+04	4.94e+04	0.74	y	8.61e+04	0.714	2,3,7,8-TCDD
27:33	1.22e+04	1.42e+04	0.86	y	2.64e+04	0.219	

Totals class: Total Penta-Dioxins Entry #: 39

Run: 29 File: 10MAY11M S: 23 I: 1 F: 2
Acquired: 11-MAY-11 06:37:16

Total Concentration: 24.8 Unnamed Concentration: 23.628

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:04	1.03e+06	6.67e+05	1.54	y	1.69e+06	15.7	
30:43	5.57e+04	3.58e+04	1.55	y	9.15e+04	0.847	
31:20	1.22e+05	7.47e+04	1.64	y	1.97e+05	1.82	
31:32	1.29e+05	8.33e+04	1.55	y	2.13e+05	1.97	
31:41	7.87e+04	4.77e+04	1.65	y	1.26e+05	1.17	
31:59	8.28e+04	5.22e+04	1.59	y	1.35e+05	1.25	
32:28	3.59e+04	2.48e+04	1.45	y	6.07e+04	0.562	
33:04	7.83e+04	4.92e+04	1.59	y	1.27e+05	1.18	1,2,3,7,8-PeCDD
33:11	2.14e+04	1.47e+04	1.45	y	3.61e+04	0.334	

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 29 File: 10MAY11M S: 23 I: 1 F: 3
Acquired: 11-MAY-11 06:37:16

Total Concentration: 71.7 Unnamed Concentration: 57.240

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
36:00	1.87e+06	1.43e+06	1.31	y	3.29e+06	26.8	
36:55	2.78e+05	2.08e+05	1.34	y	4.85e+05	3.95	
37:21	1.71e+06	1.30e+06	1.32	y	3.00e+06	24.4	
37:32	6.89e+04	5.13e+04	1.34	y	1.20e+05	0.978	
38:27	1.70e+05	1.35e+05	1.26	y	3.05e+05	2.27	1,2,3,4,7,8-HxCDD
38:38	5.13e+05	3.71e+05	1.38	y	8.84e+05	7.99	1,2,3,6,7,8-HxCDD
38:55	7.97e+04	5.65e+04	1.41	y	1.36e+05	1.11	
39:04	2.91e+05	2.35e+05	1.24	y	5.26e+05	4.24	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 29 File: 10MAY11M S: 23 I: 1 F: 4
Acquired: 11-MAY-11 06:37:16

Total Concentration: 365 Unnamed Concentration: 179.981

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:42	9.36e+06	1.03e+07	0.91 y	1.97e+07	180	
44:05	9.65e+06	1.06e+07	0.91 y	2.03e+07	185	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans Entry #: 42

Run: 29 File: 10MAY11M S: 23 I: 1 F: 1
Acquired: 11-MAY-11 06:37:16

Total Concentration: 20.3 Unnamed Concentration: 18.968

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
22:54	3.59e+04	5.03e+04	0.71	y	8.62e+04	0.419	
23:16	4.71e+04	7.04e+04	0.67	y	1.18e+05	0.572	
23:38	1.64e+05	2.50e+05	0.66	y	4.13e+05	2.01	
24:02	1.62e+05	2.35e+05	0.69	y	3.97e+05	1.93	
24:17	1.74e+05	2.65e+05	0.66	y	4.39e+05	2.13	
24:34	9.44e+04	1.35e+05	0.70	y	2.29e+05	1.12	
24:40	4.41e+04	6.44e+04	0.68	y	1.08e+05	0.527	
24:48	6.89e+04	9.76e+04	0.71	y	1.66e+05	0.810	
25:10	7.52e+04	1.05e+05	0.71	y	1.81e+05	0.878	
25:17	1.18e+05	1.80e+05	0.65	y	2.98e+05	1.45	
25:24	1.23e+05	1.81e+05	0.68	y	3.04e+05	1.48	
25:45	8.28e+04	1.24e+05	0.67	y	2.07e+05	1.01	
25:58	4.28e+04	6.26e+04	0.68	y	1.05e+05	0.513	
26:08	3.20e+04	4.59e+04	0.70	y	7.79e+04	0.379	
26:23	9.50e+04	1.35e+05	0.70	y	2.30e+05	1.12	
26:30	1.10e+05	1.61e+05	0.69	y	2.71e+05	1.32	2,3,7,8-TCDF
26:49	1.29e+05	1.94e+05	0.67	y	3.23e+05	1.57	
27:44	2.64e+04	3.53e+04	0.75	y	6.17e+04	0.300	
27:56	2.21e+04	3.09e+04	0.71	y	5.31e+04	0.258	
28:18	4.05e+04	6.01e+04	0.67	y	1.01e+05	0.489	

Totals class: 1st Fn. Tot Penta-Furans Entry #: 43

Run: 29 File: 10MAY11M S: 23 I: 1 F: 1
Acquired: 11-MAY-11 06:37:16

Total Concentration: 8.41 Unnamed Concentration: 8.412

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
28:17	7.49e+05	4.95e+05	1.51	y	1.24e+06	8.41	

Totals class: Total Penta-Furans Entry #: 44

Run: 29 File: 10MAY11M S: 23 I: 1 F: 2
Acquired: 11-MAY-11 06:37:16

Total Concentration: 14.5 Unnamed Concentration: 13.041

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
29:55	1.22e+05	7.31e+04	1.67	y	1.95e+05	1.32	
30:05	5.14e+05	3.51e+05	1.46	y	8.65e+05	5.85	
30:32	3.98e+04	2.73e+04	1.46	y	6.71e+04	0.454	
30:47	1.70e+05	1.09e+05	1.56	y	2.79e+05	1.89	
30:54	4.25e+04	2.80e+04	1.52	y	7.05e+04	0.477	
31:04	4.76e+04	3.48e+04	1.37	y	8.24e+04	0.557	
31:20	5.78e+04	3.78e+04	1.53	y	9.56e+04	0.639	1,2,3,7,8-PeCDF
31:39	9.42e+04	6.59e+04	1.43	y	1.60e+05	1.08	
32:32	3.92e+04	2.81e+04	1.39	y	6.72e+04	0.455	
32:40	7.98e+04	4.73e+04	1.69	y	1.27e+05	0.869	2,3,4,7,8-PeCDF
32:42	8.33e+04	5.83e+04	1.43	y	1.42e+05	0.958	

Totals class: Total Hexa-Furans Entry #: 45

Run: 29 File: 10MAY11M S: 23 I: 1 F: 3
Acquired: 11-MAY-11 06:37:16

Total Concentration: 48.7 Unnamed Concentration: 40.682

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
35:06	5.10e+05	4.28e+05	1.19	y	9.38e+05	5.72	
35:23	1.58e+06	1.31e+06	1.20	y	2.89e+06	17.6	
35:42	3.20e+04	2.51e+04	1.28	y	5.71e+04	0.348	
35:58	5.31e+04	4.50e+04	1.18	y	9.81e+04	0.599	
36:17	1.33e+06	1.09e+06	1.22	y	2.42e+06	14.8	
36:54	5.77e+04	5.16e+04	1.12	y	1.09e+05	0.667	
37:04	2.83e+05	2.29e+05	1.23	y	5.12e+05	3.34	1,2,3,4,7,8-HxCDF
37:15	1.57e+05	1.32e+05	1.19	y	2.88e+05	1.76	1,2,3,6,7,8-HxCDF
37:43	6.06e+04	5.05e+04	1.20	y	1.11e+05	0.678	
37:59	2.32e+04	1.93e+04	1.20	y	4.25e+04	0.259	
38:12	2.05e+05	1.66e+05	1.24	y	3.71e+05	2.43	2,3,4,6,7,8-HxCDF
39:43	4.63e+04	4.12e+04	1.12	y	8.75e+04	0.468	1,2,3,7,8,9-HxCDF

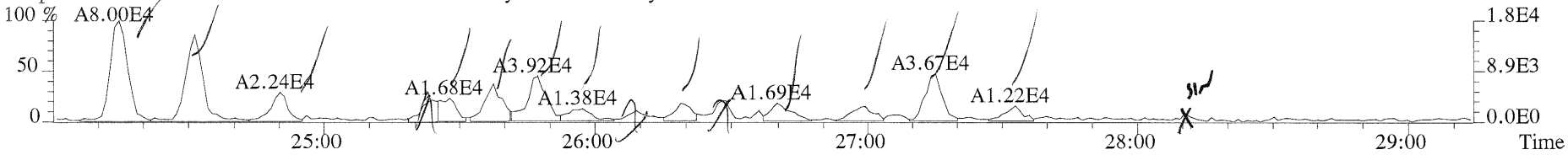
Totals class: Total Hepta-Furans Entry #: 46

Run: 29 File: 10MAY11M S: 23 I: 1 F: 4
Acquired: 11-MAY-11 06:37:16

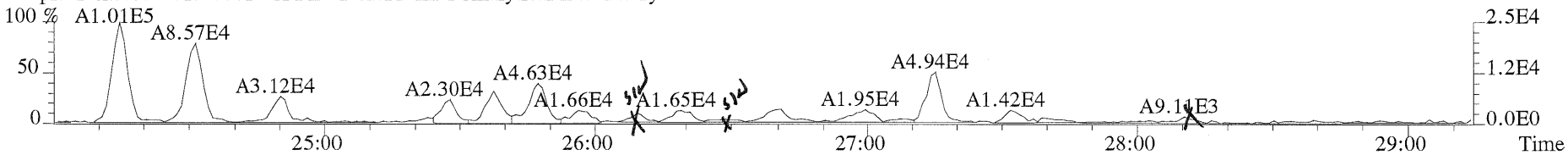
Total Concentration: 112 Unnamed Concentration: 67.825

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:10	2.95e+06	2.77e+06	1.07 y	5.72e+06	41.5	1,2,3,4,6,7,8-HpCDF
42:42	7.85e+04	7.46e+04	1.05 y	1.53e+05	1.19	
42:59	4.41e+06	4.19e+06	1.05 y	8.60e+06	66.6	
44:59	1.51e+05	1.40e+05	1.08 y	2.91e+05	2.43	1,2,3,4,7,8,9-HpCDF

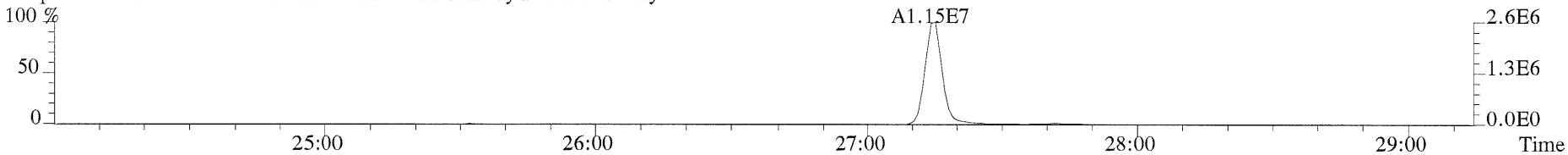
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:23 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



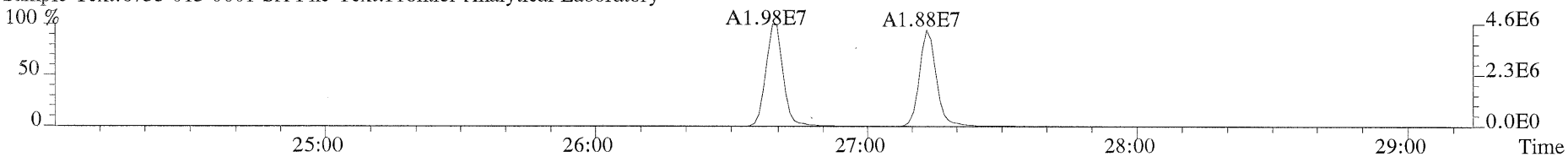
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:23 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



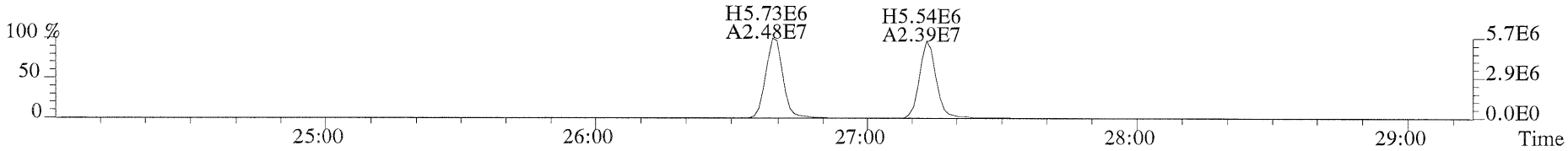
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:23 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



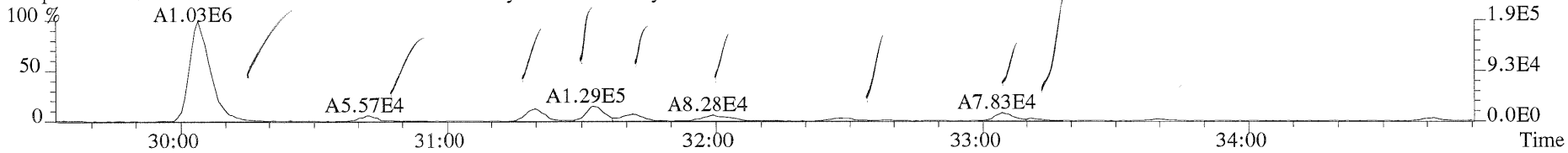
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:23 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



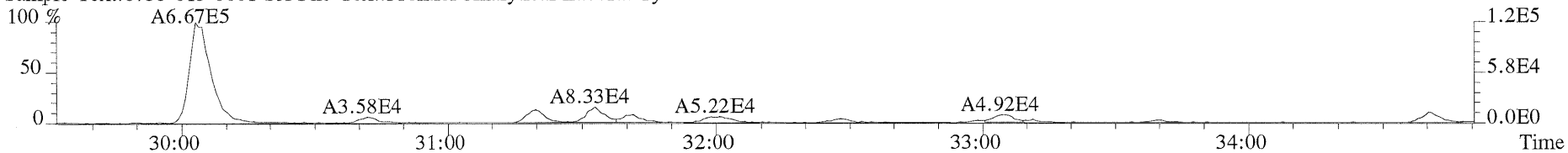
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:23 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



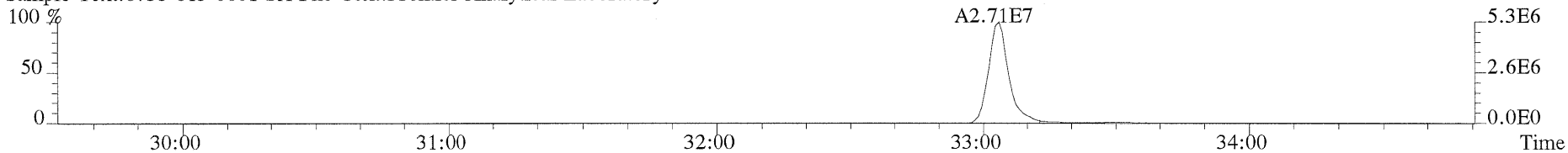
File:10MAY11M #1-412 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:23 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



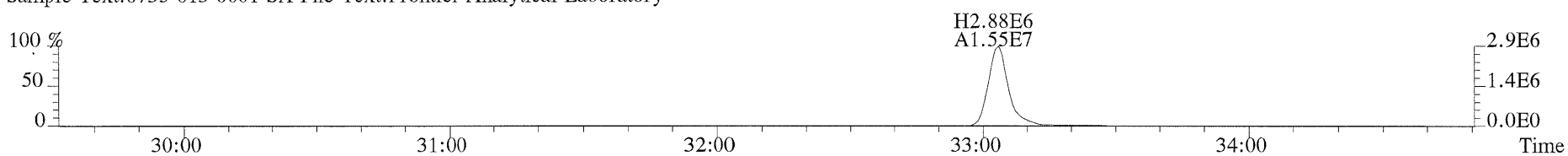
File:10MAY11M #1-412 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:23 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



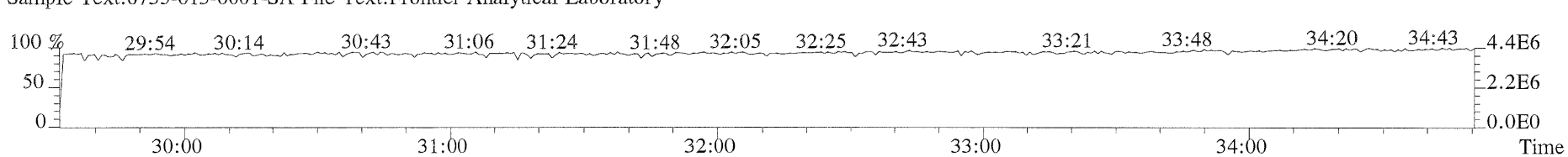
File:10MAY11M #1-412 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:23 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



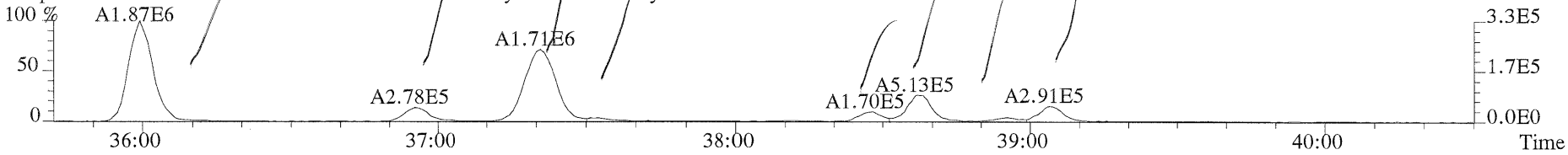
File:10MAY11M #1-412 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:23 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



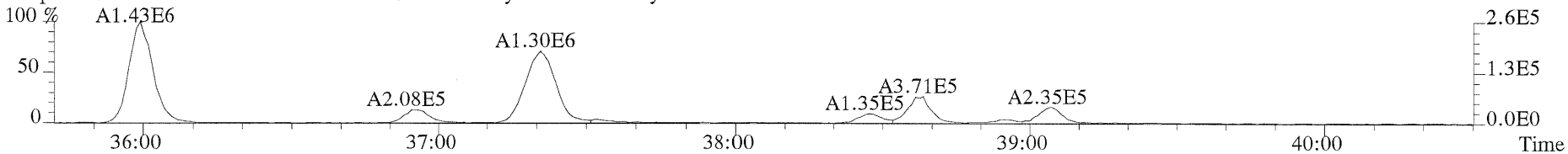
File:10MAY11M #1-412 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:23 F:2 Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



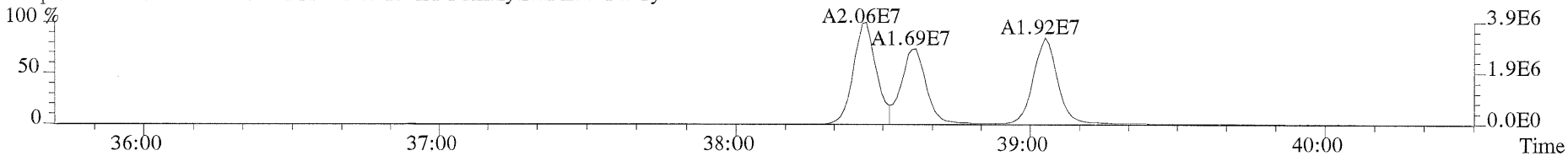
File:10MAY11M #1-476 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:23 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



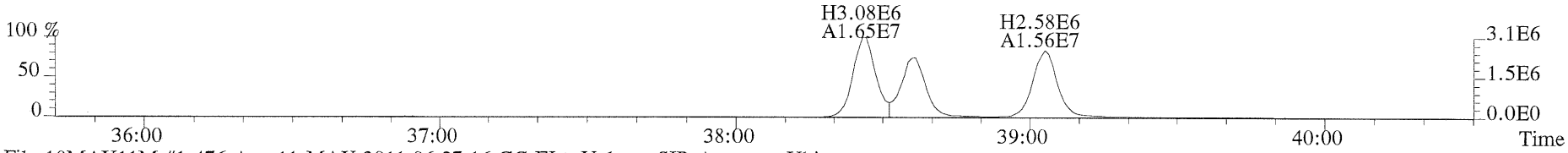
File:10MAY11M #1-476 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:23 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



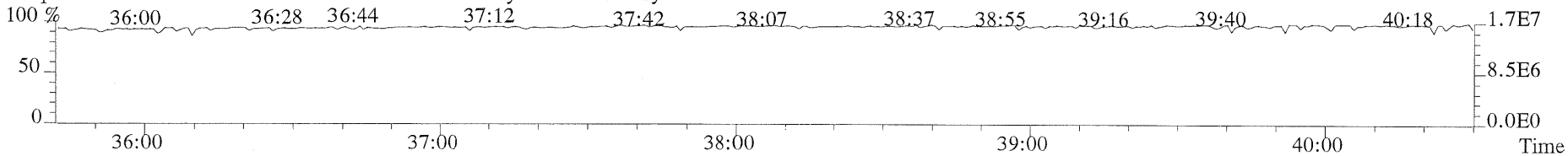
File:10MAY11M #1-476 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:23 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



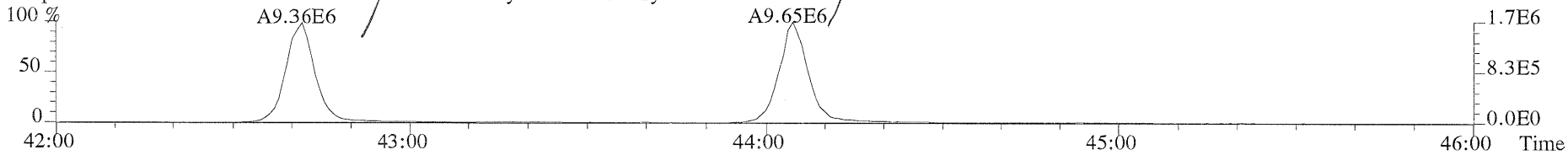
File:10MAY11M #1-476 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:23 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



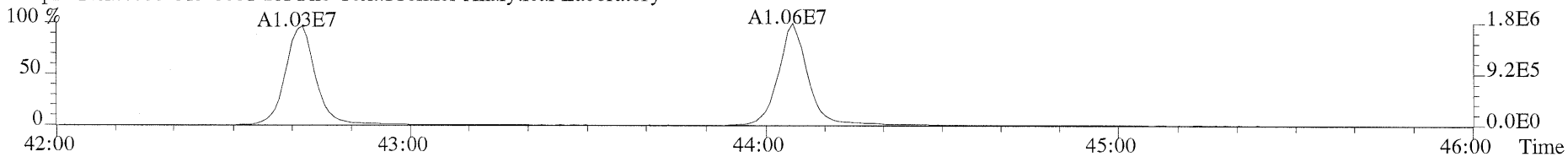
File:10MAY11M #1-476 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:23 F:3 Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



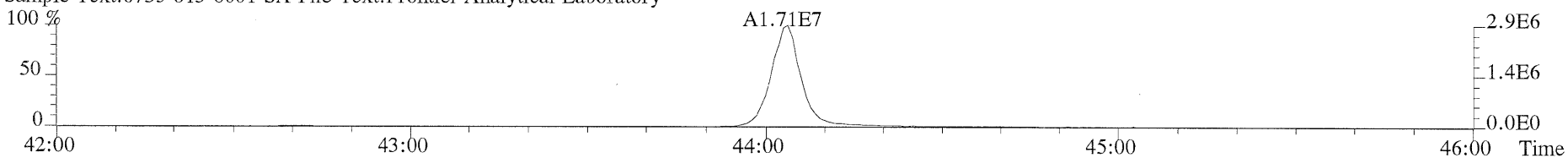
File:10MAY11M #1-542 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:23 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



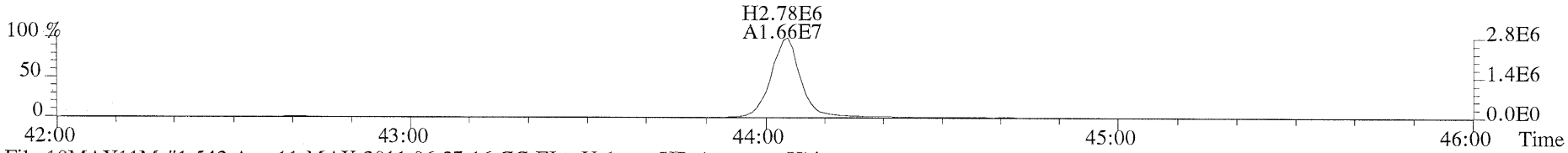
File:10MAY11M #1-542 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:23 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



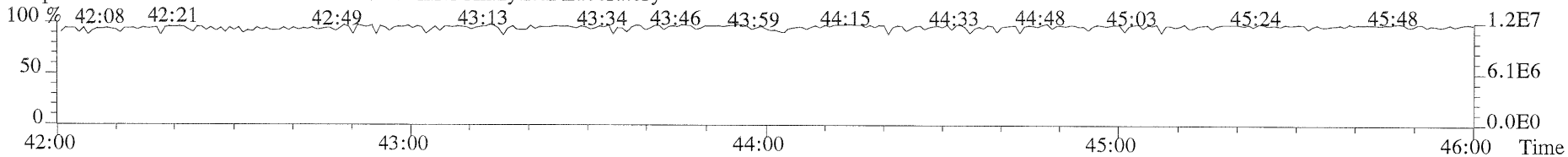
File:10MAY11M #1-542 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:23 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



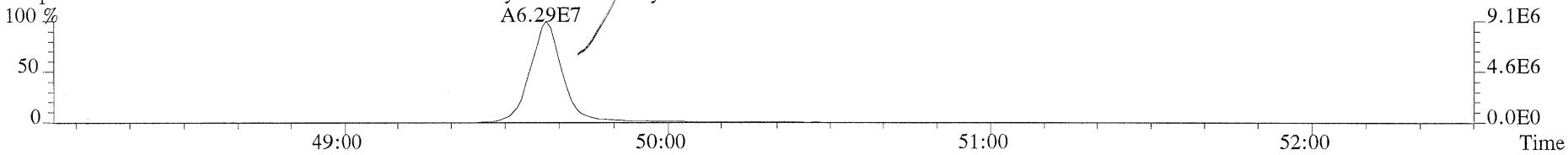
File:10MAY11M #1-542 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:23 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



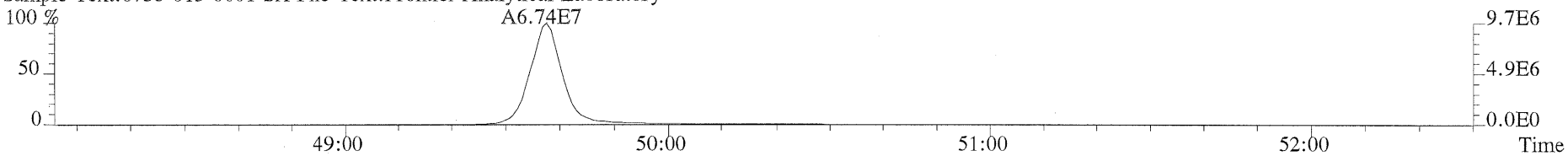
File:10MAY11M #1-542 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:23 F:4 Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



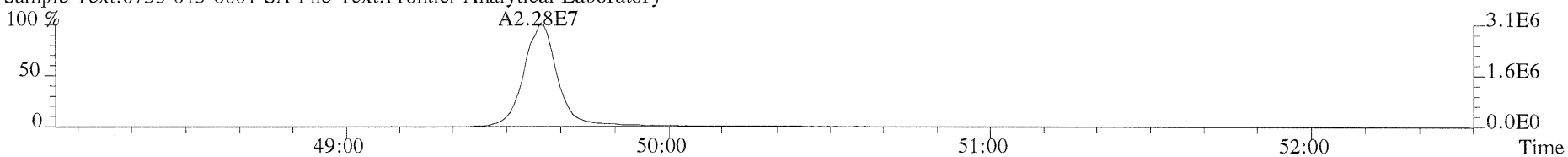
File:10MAY11M #1-347 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:23 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



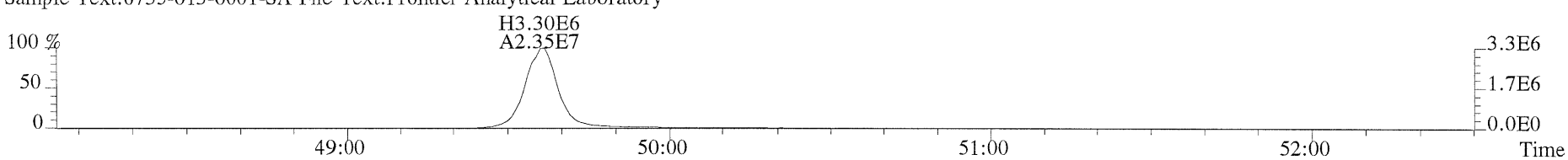
File:10MAY11M #1-347 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:23 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



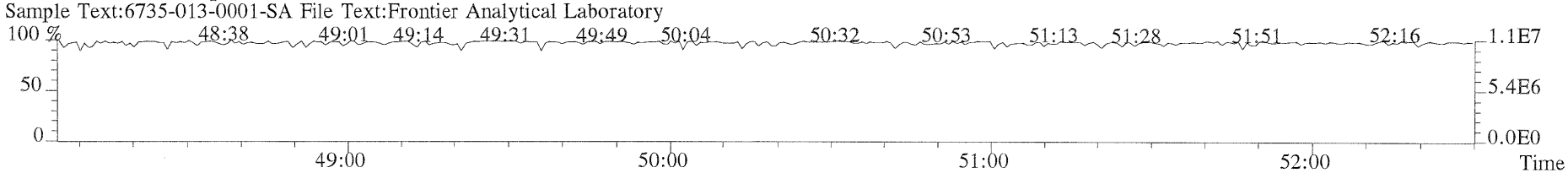
File:10MAY11M #1-347 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:23 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



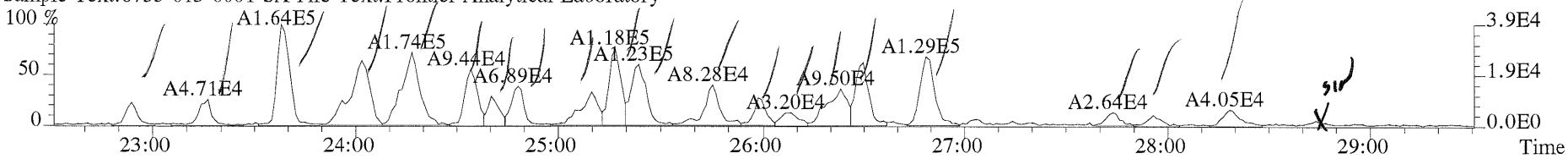
File:10MAY11M #1-347 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:23 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



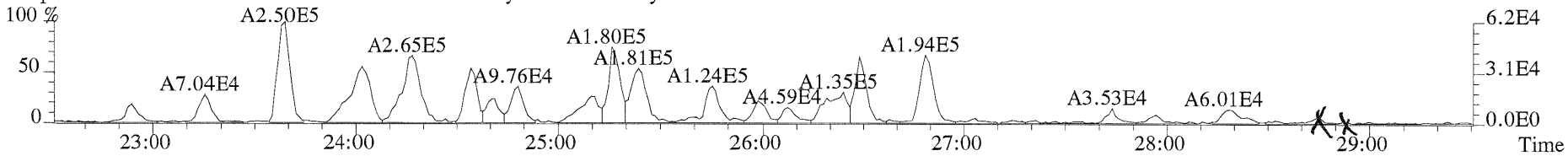
File:10MAY11M #1-347 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:23 F:5 Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



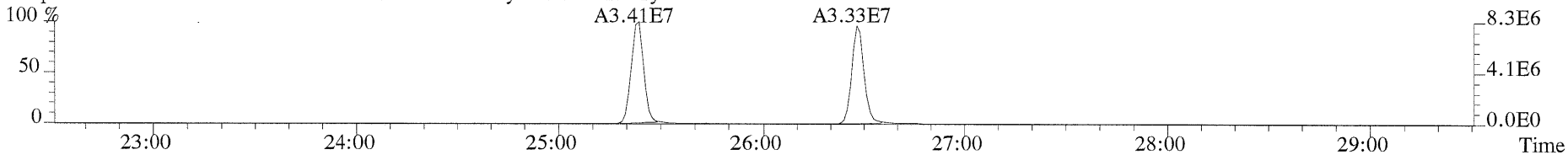
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:23 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



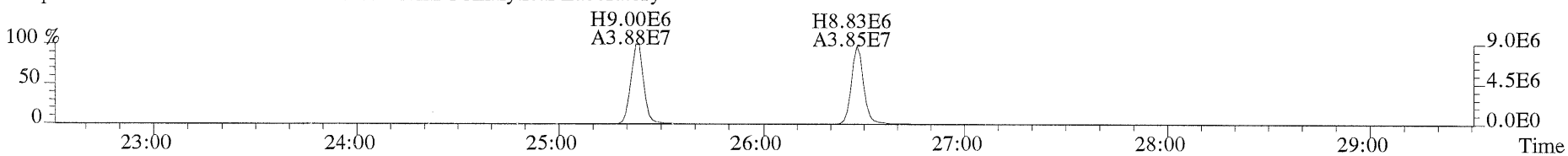
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:23 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



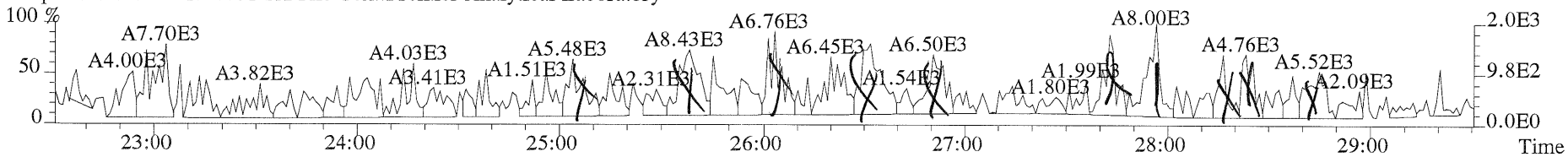
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:23 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



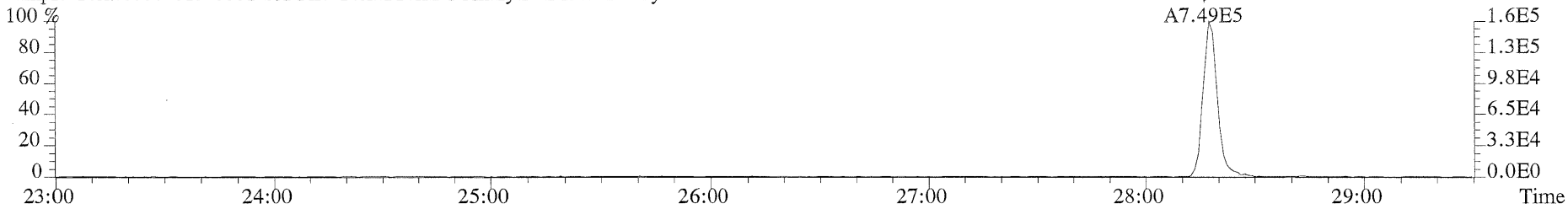
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:23 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



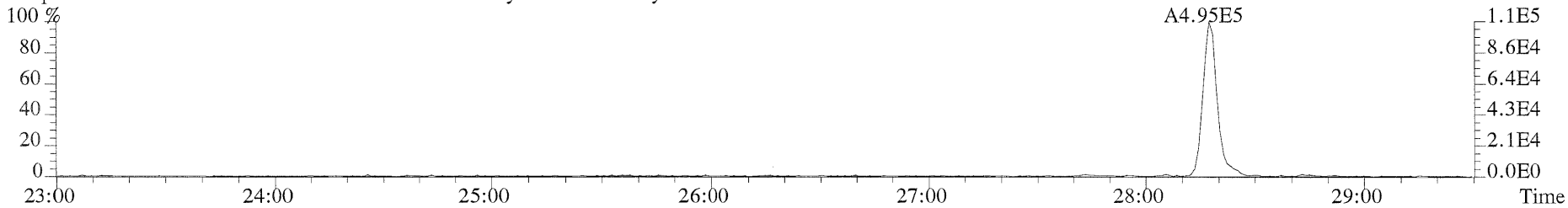
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:23 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



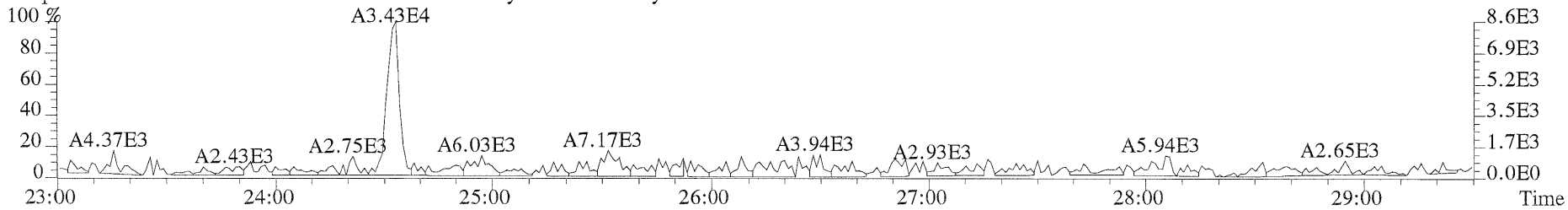
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:23 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



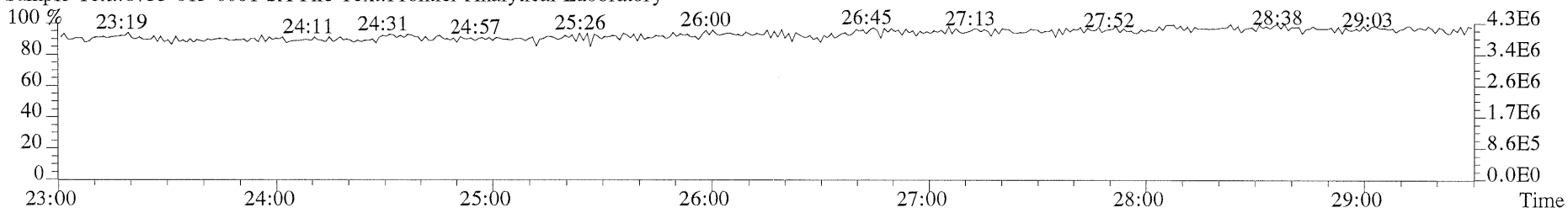
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:23 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



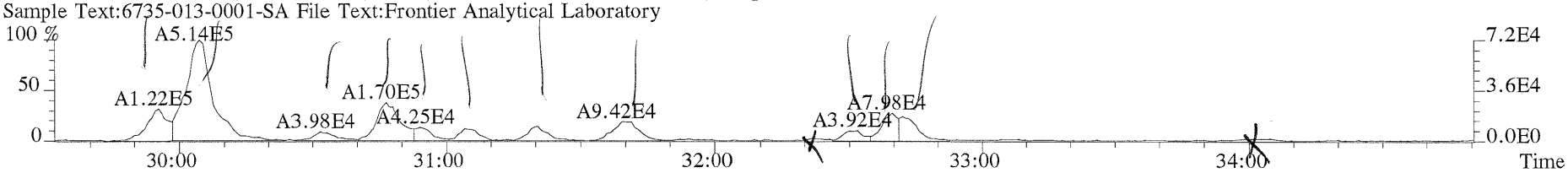
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:23 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



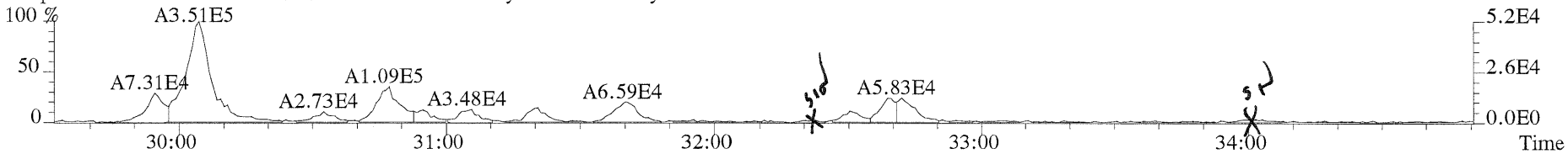
File:10MAY11M #1-426 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:23 Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



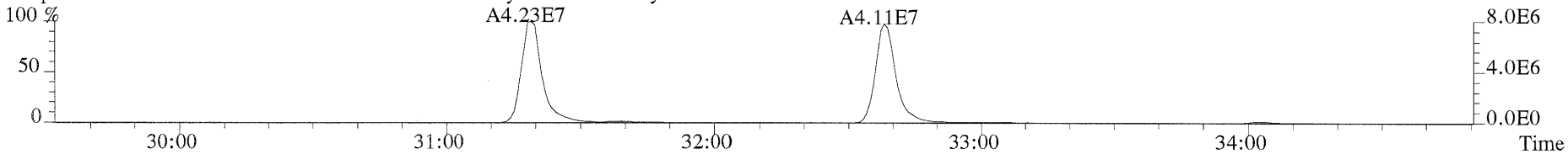
File:10MAY11M #1-412 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:23 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



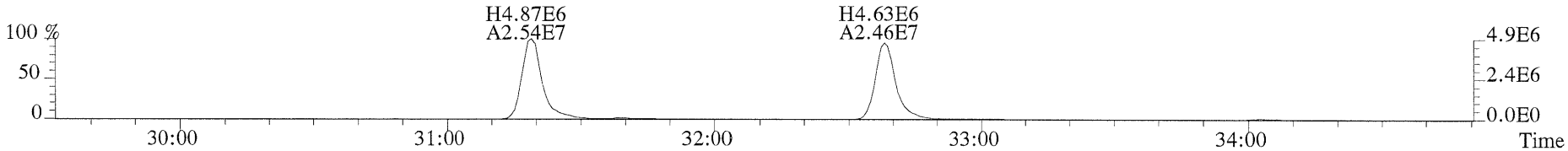
File:10MAY11M #1-412 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:23 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



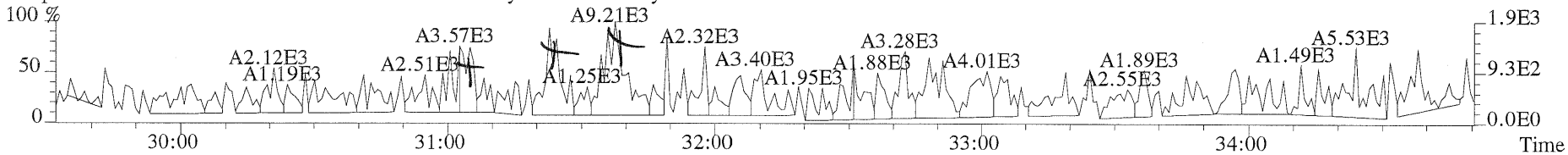
File:10MAY11M #1-412 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:23 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



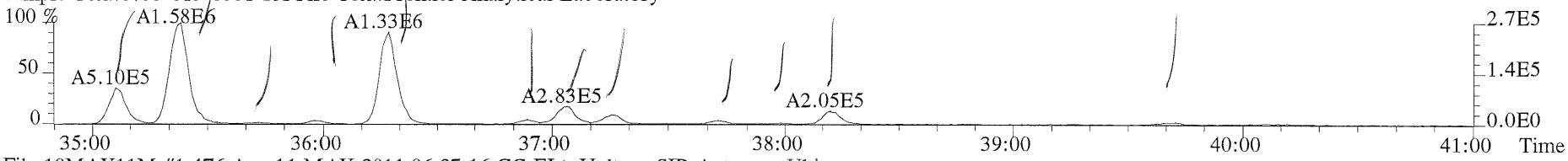
File:10MAY11M #1-412 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:23 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



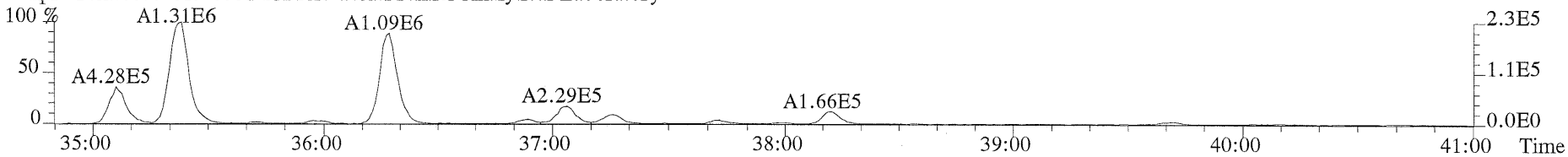
File:10MAY11M #1-412 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:23 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



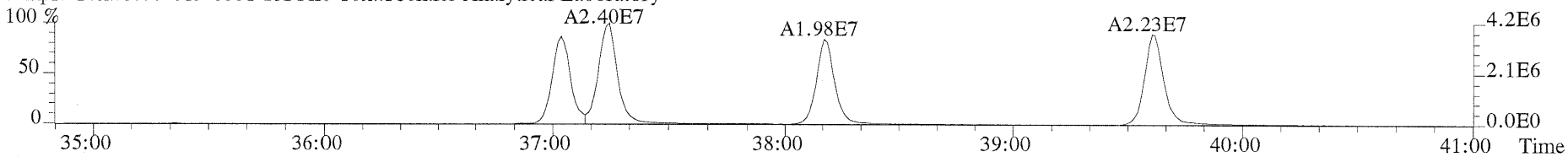
File:10MAY11M #1-476 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:23 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



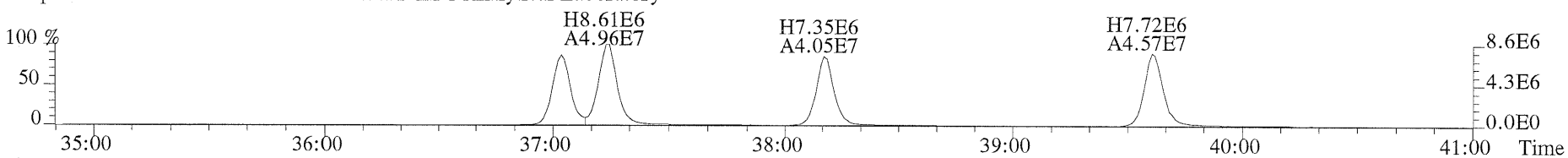
File:10MAY11M #1-476 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:23 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



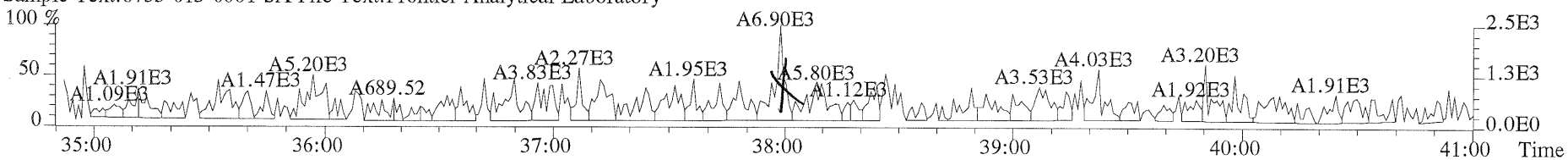
File:10MAY11M #1-476 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:23 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



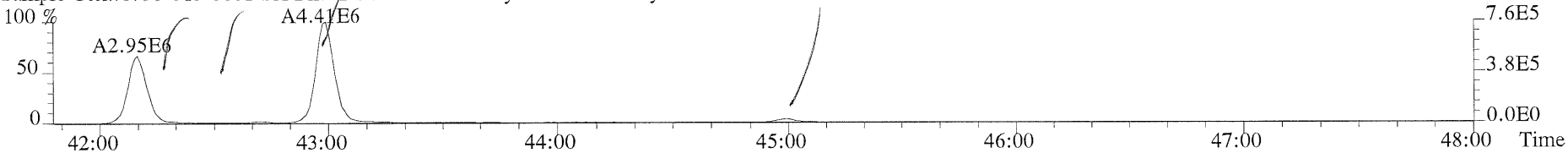
File:10MAY11M #1-476 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:23 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



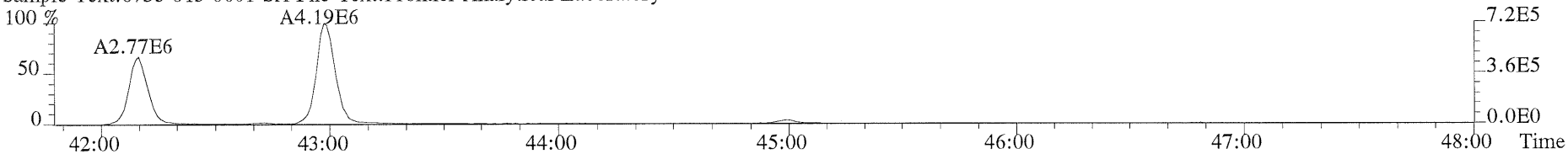
File:10MAY11M #1-476 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:23 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



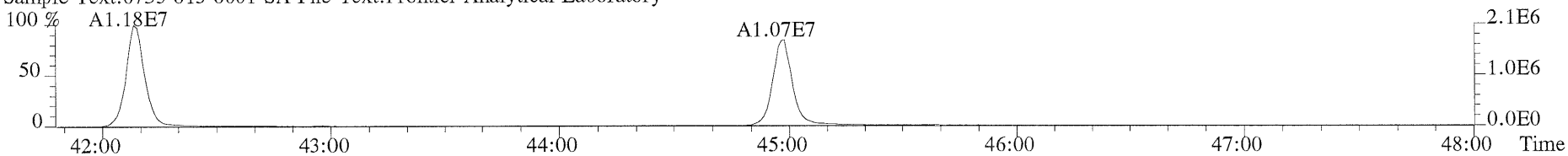
File:10MAY11M #1-542 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:23 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



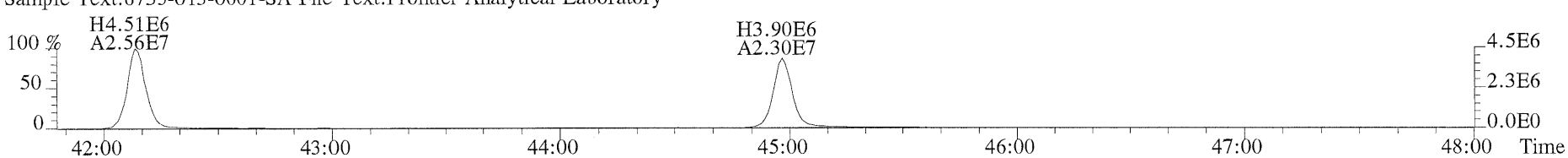
File:10MAY11M #1-542 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:23 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



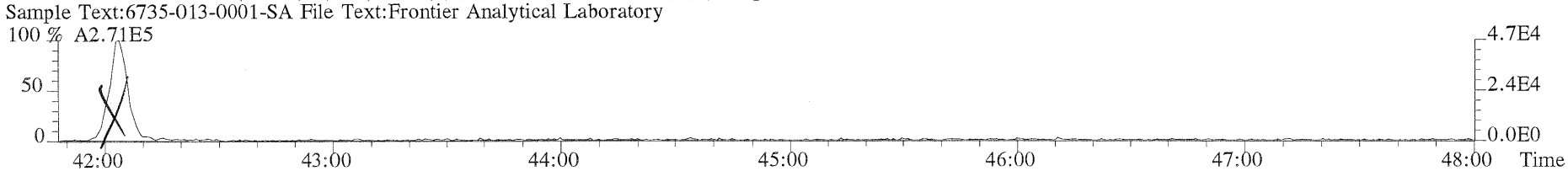
File:10MAY11M #1-542 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:23 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



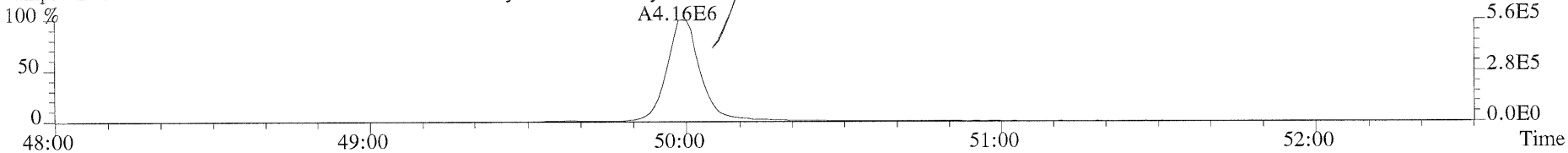
File:10MAY11M #1-542 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:23 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



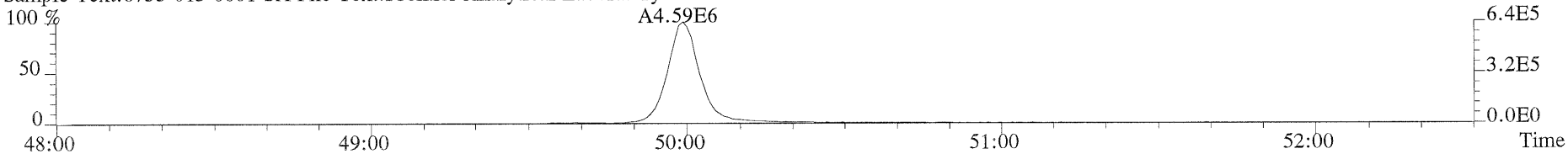
File:10MAY11M #1-542 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:23 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



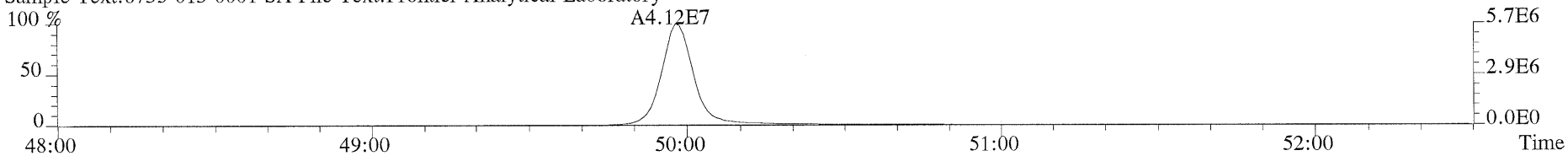
File:10MAY11M #1-347 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:23 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



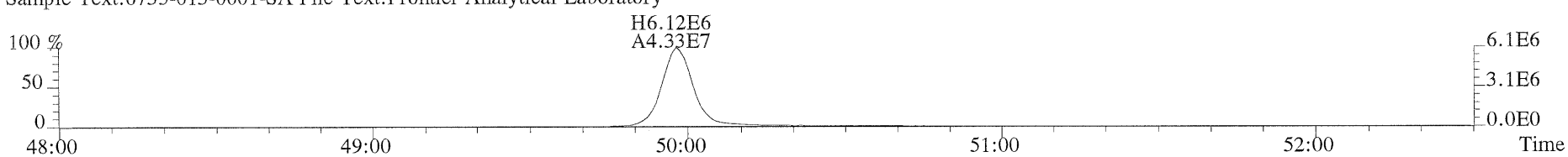
File:10MAY11M #1-347 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:23 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



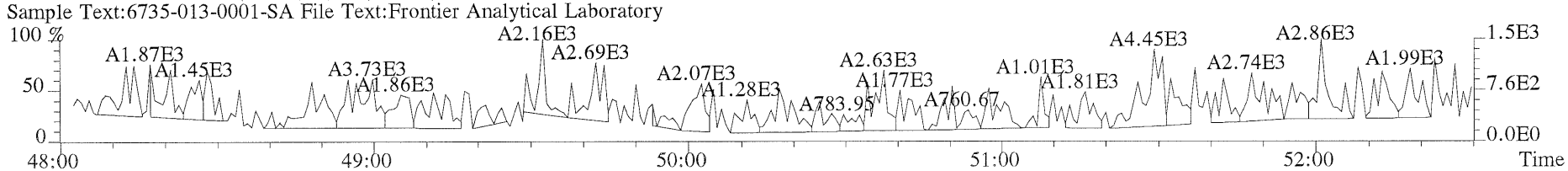
File:10MAY11M #1-347 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:23 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-347 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:23 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-347 Acq:11-MAY-2011 06:37:16 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:23 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-013-0001-SA File Text:Frontier Analytical Laboratory



FAL ID: 6735-014-0001-SA Filename: 10MAY11M Sam:22 Acquired: 11-MAY-11 05:41:56 ICal: PCDDFAL3-3-7-11
Client ID: DMA-TP3-3-4-042011 ConCal: ST051011M2 EndCal: ST051011M3
Results: 6735 GC Column: DB5 Amount: 5.010 NATO 1989 Tox: 36.6 41.1 DOJ 5/12/11
WHO 1998 Tox: 38.7 WHO 2005 Tox: ~~37.9~~

Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	4.47e+05	0.76 y	27:15	1.13	3.32		2.50	-	-	*
1,2,3,7,8-PeCDD	6.84e+05	1.49 y	33:05	1.02	5.53		2.50	-	-	*
1,2,3,4,7,8-HxCDD	1.77e+06	1.27 y	38:27	1.45	11.2		2.50	-	-	*
1,2,3,6,7,8-HxCDD	5.88e+06	1.30 y	38:38	1.45	45.9		2.50	-	-	*
1,2,3,7,8,9-HxCDD	3.18e+06	1.27 y	39:04	1.47	22.0		2.50	-	-	*
1,2,3,4,6,7,8-HpCDD	1.59e+08	0.93 y	44:05	1.30	1170		2.50	-	-	*
OCDD	*	* n	NotFnd	1.45	*	11,300 *	2.50	-	-	*
						3.39 DOJ 5/12/11				
2,3,7,8-TCDF	1.10e+06	0.66 y	26:30	1.15	4.75	F	2.50	-	-	*
1,2,3,7,8-PeCDF	4.63e+05	1.48 y	31:20	0.89	2.80	J	2.50	-	-	*
2,3,4,7,8-PeCDF	7.90e+05	1.40 y	32:40	0.89	4.77	J	2.50	-	-	*
1,2,3,4,7,8-HxCDF	3.16e+06	1.20 y	37:04	1.01	18.2		2.50	-	-	*
1,2,3,6,7,8-HxCDF	1.76e+06	1.23 y	37:16	0.89	9.43		2.50	-	-	*
2,3,4,6,7,8-HxCDF	2.35e+06	1.23 y	38:12	1.02	13.4		2.50	-	-	*
1,2,3,7,8,9-HxCDF	4.95e+05	1.20 y	39:42	1.10	2.29	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDF	4.42e+07	1.06 y	42:10	1.48	274		2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	2.03e+06	1.05 y	45:00	1.43	14.3		2.50	-	-	*
OCDF	8.21e+07	0.91 y	50:01	0.84	732		2.50	-	-	*

							Rec
13C-2,3,7,8-TCDD	4.74e+07	0.79 y	27:14	1.03	357		89.5
13C-1,2,3,7,8-PeCDD	4.87e+07	1.77 y	33:03	1.01	373		93.5
13C-1,2,3,4,7,8-HxCDD	4.34e+07	1.25 y	38:26	1.19	361		90.3
13C-1,2,3,6,7,8-HxCDD	3.51e+07	1.25 y	38:36	0.94	372		93.2
13C-1,2,3,4,6,7,8-HpCDD	4.18e+07	1.04 y	44:03	0.83	501		126
13C-OCDD	*	* n	NotFnd	0.61	*	*	* 106%
13C-2,3,7,8-TCDF	8.08e+07	0.87 y	26:29	0.98	392		98.3
13C-1,2,3,7,8-PeCDF	7.45e+07	1.66 y	31:19	0.83	427		107
13C-2,3,4,7,8-PeCDF	7.40e+07	1.67 y	32:38	0.80	438		110
13C-1,2,3,4,7,8-HxCDF	6.88e+07	0.49 y	37:03	1.84	370		92.8
13C-1,2,3,6,7,8-HxCDF	8.36e+07	0.47 y	37:14	2.29	362		90.6
13C-2,3,4,6,7,8-HxCDF	6.90e+07	0.48 y	38:11	1.86	367		91.9
13C-1,2,3,7,8,9-HxCDF	7.82e+07	0.48 y	39:37	1.98	391		97.9
13C-1,2,3,4,6,7,8-HpCDF	4.36e+07	0.46 y	42:09	0.99	437		109
13C-1,2,3,4,7,8,9-HpCDF	3.97e+07	0.46 y	44:58	0.77	513		129
13C-OCDF	1.06e+08	0.93 y	49:59	1.17	903		113
37Cl-2,3,7,8-TCDD	1.27e+07		27:15	0.73	135		84.6
13C-1,2,3,4-TCDD	5.15e+07	0.80 y	26:39	-	27.0		
13C-1,2,3,4-TCDF	8.40e+07	0.87 y	25:23	-	23.3		
13C-1,2,3,7,8,9-HxCDD	4.03e+07	1.26 y	39:04	-	32.4		

							Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	3.70e+06		24:15	1.13	27.5		2.50	-	-	*		15
Total Penta-Dioxins	1.41e+07		30:04	1.02	114		2.50	-	-	*		10
Total Hexa-Dioxins	5.24e+07		36:00	1.46	369		2.50	-	-	*		8
Total Hepta-Dioxins	3.11e+08		42:41	1.30	2290		2.50	-	-	*		2
Total Tetra-Furans	1.95e+07		22:54	1.15	83.7	D,M	2.50	-	-	*		23
1st Fn. Tot Penta-Furans	8.08e+06		28:18	0.89	48.8	D,M	2.50	-	-	*	PeCDF	15
Total Penta-Furans	1.15e+07		29:55	0.89	69.7	D,M	2.50	-	-	*	118 DOJ	13
Total Hexa-Furans	5.39e+07		35:07	1.00	289	D,M	2.50	-	-	*	119	13
Total Hepta-Furans	1.22e+08		42:10	1.46	790		2.50	-	-	*		4

5/12/11

Analyst: _____ Date: 5/12/11

Totals class: Total Tetra-Dioxins Entry #: 38

Run: 28 File: 10MAY11M S: 22 I: 1 F: 1
Acquired: 11-MAY-11 05:41:56

Total Concentration: 27.5 Unnamed Concentration: 24.178

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
24:15	3.48e+05	4.57e+05	0.76	y	8.05e+05	5.98	
24:32	3.06e+05	4.15e+05	0.74	y	7.21e+05	5.36	
24:51	1.21e+05	1.45e+05	0.83	y	2.65e+05	1.97	
25:27	5.03e+04	5.74e+04	0.88	y	1.08e+05	0.800	
25:38	1.03e+05	1.44e+05	0.71	y	2.46e+05	1.83	
25:48	1.79e+05	2.33e+05	0.77	y	4.12e+05	3.06	
25:57	4.50e+04	5.84e+04	0.77	y	1.03e+05	0.768	
26:10	3.25e+04	3.97e+04	0.82	y	7.22e+04	0.536	
26:20	4.78e+04	6.21e+04	0.77	y	1.10e+05	0.816	
26:40	6.47e+04	8.33e+04	0.78	y	1.48e+05	1.10	
26:59	5.37e+04	7.26e+04	0.74	y	1.26e+05	0.937	
27:07	1.31e+04	1.65e+04	0.79	y	2.96e+04	0.220	
27:15	1.92e+05	2.55e+05	0.76	y	4.47e+05	3.32	2,3,7,8-TCDD
27:34	3.34e+04	4.28e+04	0.78	y	7.62e+04	0.566	
28:11	1.38e+04	1.83e+04	0.75	y	3.21e+04	0.238	

Totals class: Total Penta-Dioxins Entry #: 39

Run: 28 File: 10MAY11M S: 22 I: 1 F: 2
Acquired: 11-MAY-11 05:41:56

Total Concentration: 114 Unnamed Concentration: 108.727

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:04	5.58e+06	3.63e+06	1.54	y	9.22e+06	74.4	
30:42	2.18e+05	1.61e+05	1.35	y	3.79e+05	3.06	
31:20	5.36e+05	3.52e+05	1.52	y	8.88e+05	7.17	
31:33	7.66e+05	4.99e+05	1.54	y	1.27e+06	10.2	
31:41	3.50e+05	2.24e+05	1.56	y	5.74e+05	4.63	
31:59	3.71e+05	2.47e+05	1.50	y	6.18e+05	4.99	
32:28	1.31e+05	9.27e+04	1.41	y	2.24e+05	1.81	
33:05	4.09e+05	2.75e+05	1.49	y	6.84e+05	5.53	1,2,3,7,8-PeCDD
33:11	8.50e+04	5.38e+04	1.58	y	1.39e+05	1.12	
33:39	9.87e+04	6.03e+04	1.64	y	1.59e+05	1.28	

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 28 File: 10MAY11M S: 22 I: 1 F: 3
Acquired: 11-MAY-11 05:41:56

Total Concentration: 369 Unnamed Concentration: 290.257

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
36:00	1.13e+07	8.63e+06	1.30	y	1.99e+07	139	
36:56	1.34e+06	1.02e+06	1.31	y	2.36e+06	16.5	
37:21	1.02e+07	7.91e+06	1.29	y	1.82e+07	127	
37:32	3.40e+05	2.80e+05	1.21	y	6.21e+05	4.33	
38:27	9.87e+05	7.79e+05	1.27	y	1.77e+06	11.2	1,2,3,4,7,8-HxCDD
38:38	3.32e+06	2.56e+06	1.30	y	5.88e+06	45.9	1,2,3,6,7,8-HxCDD
38:55	3.30e+05	2.38e+05	1.38	y	5.68e+05	3.96	
39:04	1.78e+06	1.40e+06	1.27	y	3.18e+06	22.0	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 28 File: 10MAY11M S: 22 I: 1 F: 4
Acquired: 11-MAY-11 05:41:56

Total Concentration: 2290 Unnamed Concentration: 1118.356

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:41	7.31e+07	7.93e+07	0.92 y	1.52e+08	1120	
44:05	7.66e+07	8.24e+07	0.93 y	1.59e+08	1170	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans Entry #: 42

Run: 28 File: 10MAY11M S: 22 I: 1 F: 1
Acquired: 11-MAY-11 05:41:56

Total Concentration: 83.7 Unnamed Concentration: 78.989

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
22:54	1.43e+05	2.15e+05	0.67	y	3.58e+05	1.54	
23:16	2.15e+05	3.24e+05	0.66	y	5.38e+05	2.32	
23:39	8.84e+05	1.30e+06	0.68	y	2.19e+06	9.41	
24:03	6.72e+05	9.95e+05	0.68	y	1.67e+06	7.17	
24:17	9.14e+05	1.34e+06	0.68	y	2.25e+06	9.68	
24:35	5.28e+05	7.41e+05	0.71	y	1.27e+06	5.46	
24:42	2.03e+05	3.01e+05	0.68	y	5.04e+05	2.17	
24:49	3.01e+05	4.29e+05	0.70	y	7.30e+05	3.14	
25:11	2.80e+05	3.61e+05	0.77	y	6.41e+05	2.76	
25:18	5.65e+05	8.62e+05	0.66	y	1.43e+06	6.14	
25:24	6.41e+05	9.65e+05	0.66	y	1.61e+06	6.91	
25:46	3.36e+05	4.94e+05	0.68	y	8.30e+05	3.57	
26:00	1.61e+05	2.34e+05	0.69	y	3.95e+05	1.70	
26:08	1.05e+05	1.54e+05	0.68	y	2.59e+05	1.11	
26:24	4.56e+05	6.94e+05	0.66	y	1.15e+06	4.95	
26:30	4.37e+05	6.66e+05	0.66	y	1.10e+06	4.75	2,3,7,8-TCDF
26:49	4.91e+05	7.13e+05	0.69	y	1.20e+06	5.18	
27:03	5.47e+04	6.44e+04	0.85	y	1.19e+05	0.513	
27:15	4.01e+04	5.10e+04	0.79	y	9.11e+04	0.392	
27:44	1.24e+05	1.78e+05	0.70	y	3.02e+05	1.30	
27:56	9.11e+04	1.34e+05	0.68	y	2.25e+05	0.968	
28:19	2.02e+05	2.94e+05	0.69	y	4.96e+05	2.14	
28:45	4.60e+04	6.58e+04	0.70	y	1.12e+05	0.481	

Totals class: 1st Fn. Tot Penta-Furans Entry #: 43

Run: 28 File: 10MAY11M S: 22 I: 1 F: 1
Acquired: 11-MAY-11 05:41:56

Total Concentration: 48.8 Unnamed Concentration: 48.798

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:18	4.87e+06	3.20e+06	1.52 y	8.08e+06	48.8	

Totals class: Total Penta-Furans Entry #: 44

Run: 28 File: 10MAY11M S: 22 I: 1 F: 2
Acquired: 11-MAY-11 05:41:56

Total Concentration: 69.7 Unnamed Concentration: 62.084

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
29:55	4.65e+05	3.21e+05	1.45	y	7.85e+05	4.74	
30:04	2.89e+06	1.90e+06	1.52	y	4.79e+06	28.9	
30:33	1.89e+05	1.30e+05	1.45	y	3.19e+05	1.93	
30:47	1.18e+06	7.73e+05	1.52	y	1.95e+06	11.8	
31:06	2.54e+05	1.73e+05	1.47	y	4.26e+05	2.58	
31:20	2.76e+05	1.87e+05	1.48	y	4.63e+05	2.80	1,2,3,7,8-PeCDF
31:41	5.24e+05	3.42e+05	1.53	y	8.66e+05	5.23	
31:57	4.53e+04	3.23e+04	1.40	y	7.76e+04	0.469	
32:22	2.92e+04	2.04e+04	1.43	y	4.96e+04	0.300	
32:31	1.52e+05	1.01e+05	1.51	y	2.54e+05	1.53	
32:40	4.61e+05	3.30e+05	1.40	y	7.90e+05	4.77	2,3,4,7,8-PeCDF
32:42	4.07e+05	2.30e+05	1.77	y	6.37e+05	3.85	
34:01	7.16e+04	5.18e+04	1.38	y	1.23e+05	0.746	

Totals class: Total Hexa-Furans Entry #: 45

Run: 28 File: 10MAY11M S: 22 I: 1 F: 3
Acquired: 11-MAY-11 05:41:56

Total Concentration: 289 Unnamed Concentration: 245.652

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
35:07	3.26e+06	2.76e+06	1.18	y	6.02e+06	32.0	
35:23	1.04e+07	8.68e+06	1.19	y	1.90e+07	101	
35:44	1.67e+05	1.37e+05	1.22	y	3.04e+05	1.62	
35:58	3.49e+05	2.96e+05	1.18	y	6.45e+05	3.43	
36:17	1.02e+07	8.28e+06	1.23	y	1.85e+07	98.4	
36:54	3.58e+05	2.87e+05	1.25	y	6.45e+05	3.43	
37:04	1.72e+06	1.44e+06	1.20	y	3.16e+06	18.2	1,2,3,4,7,8-HxCDF
37:16	9.71e+05	7.92e+05	1.23	y	1.76e+06	9.43	1,2,3,6,7,8-HxCDF
37:31	5.01e+04	4.59e+04	1.09	y	9.61e+04	0.512	
37:43	3.06e+05	2.47e+05	1.24	y	5.54e+05	2.95	
37:59	1.98e+05	1.56e+05	1.27	y	3.53e+05	1.88	
38:12	1.30e+06	1.05e+06	1.23	y	2.35e+06	13.4	2,3,4,6,7,8-HxCDF
39:42	2.70e+05	2.25e+05	1.20	y	4.95e+05	2.29	1,2,3,7,8,9-HxCDF

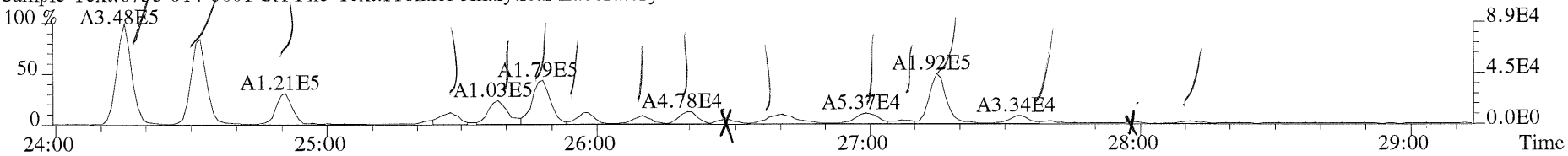
Totals class: Total Hepta-Furans Entry #: 46

Run: 28 File: 10MAY11M S: 22 I: 1 F: 4
Acquired: 11-MAY-11 05:41:56

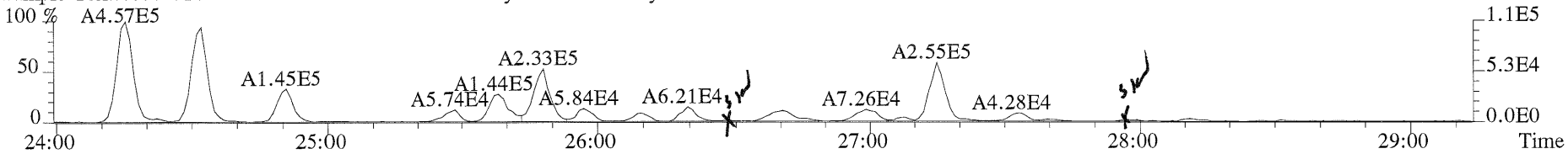
Total Concentration: 790 Unnamed Concentration: 501.422

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:10	2.28e+07	2.14e+07	1.06 y	4.42e+07	274	1,2,3,4,6,7,8-HpCDF
42:42	3.45e+05	3.65e+05	0.95 y	7.10e+05	4.67	
43:00	3.84e+07	3.71e+07	1.03 y	7.55e+07	497	
45:00	1.04e+06	9.91e+05	1.05 y	2.03e+06	14.3	1,2,3,4,7,8,9-HpCDF

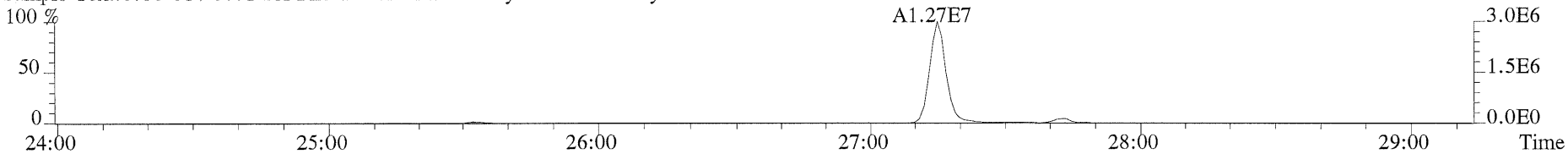
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:22 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



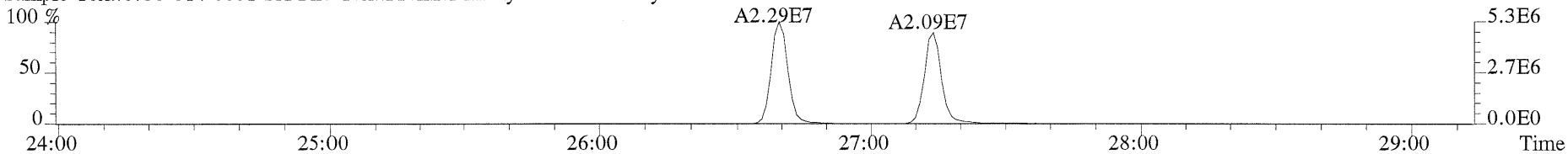
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:22 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



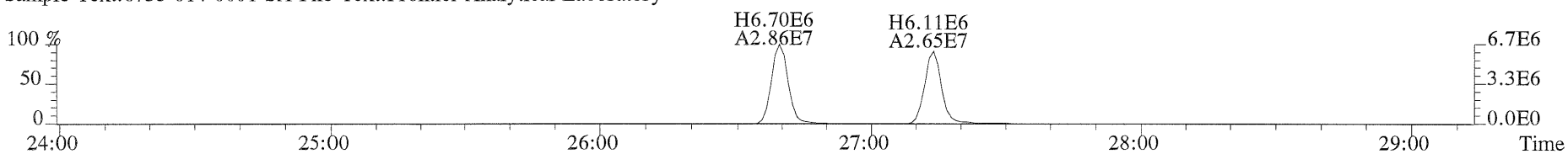
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:22 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



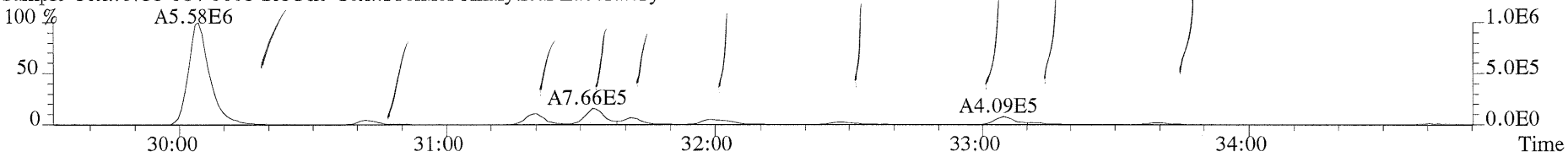
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:22 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



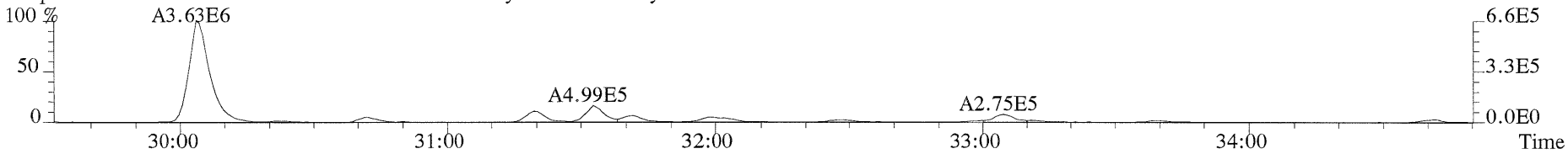
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:22 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



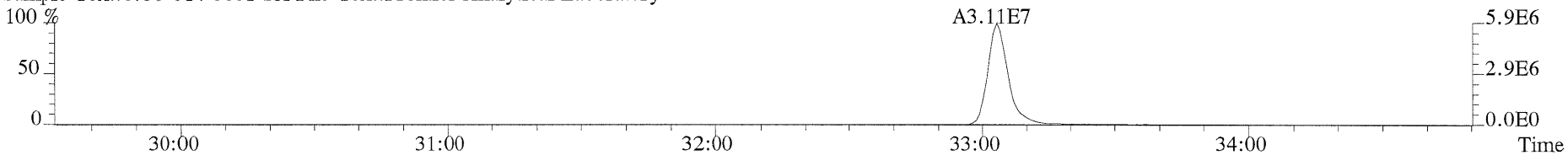
File:10MAY11M #1-412 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:22 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



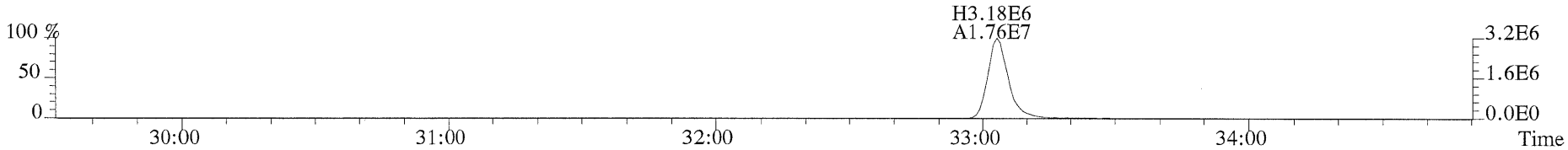
File:10MAY11M #1-412 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:22 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



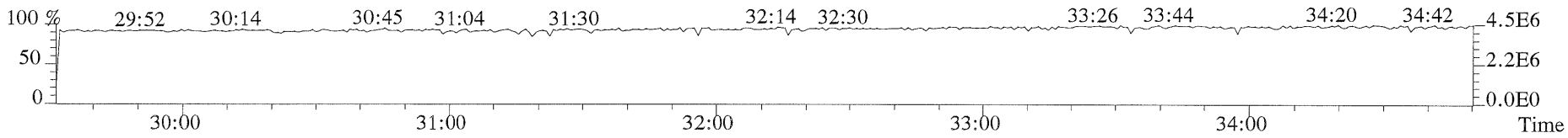
File:10MAY11M #1-412 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:22 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



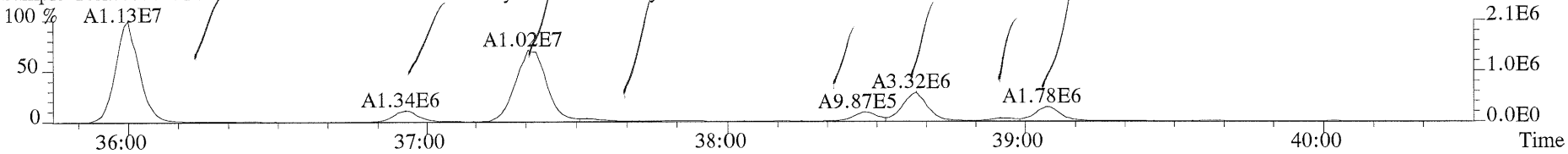
File:10MAY11M #1-412 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:22 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



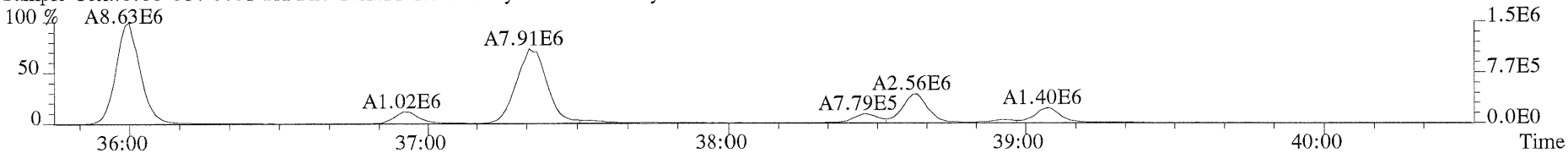
File:10MAY11M #1-412 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:22 F:2 Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



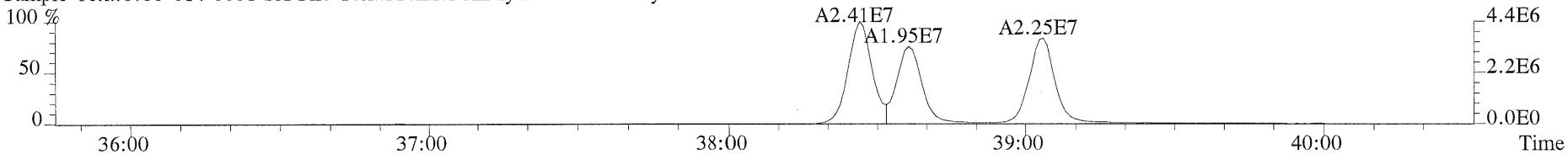
File:10MAY11M #1-477 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:22 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



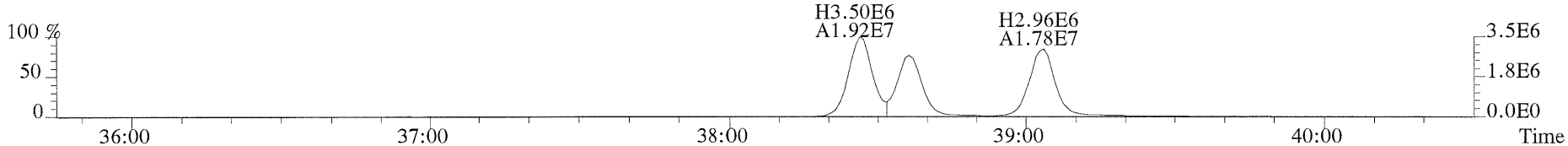
File:10MAY11M #1-477 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:22 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



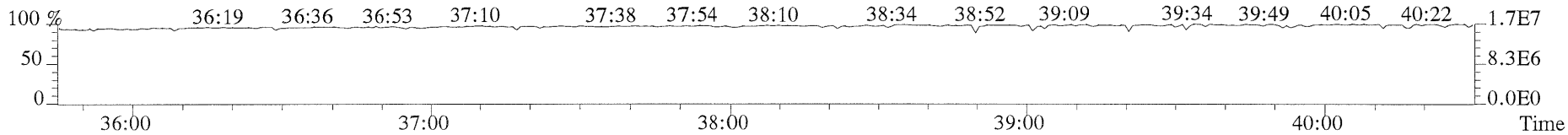
File:10MAY11M #1-477 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:22 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



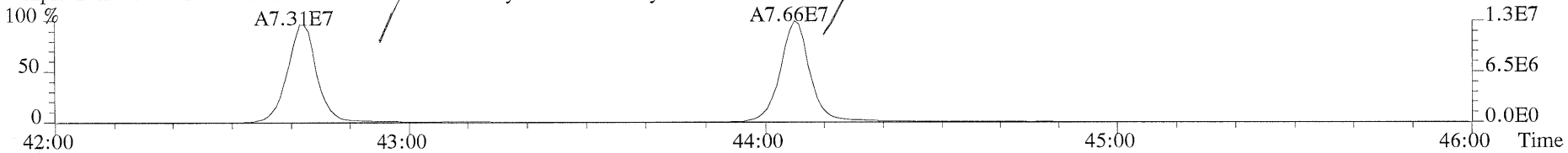
File:10MAY11M #1-477 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:22 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



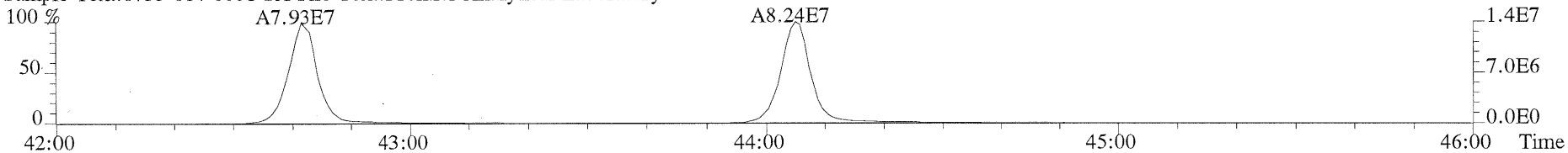
File:10MAY11M #1-477 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:22 F:3 Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



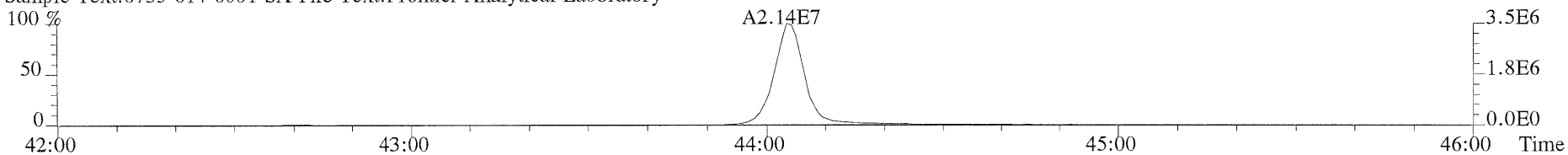
File:10MAY11M #1-541 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:22 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



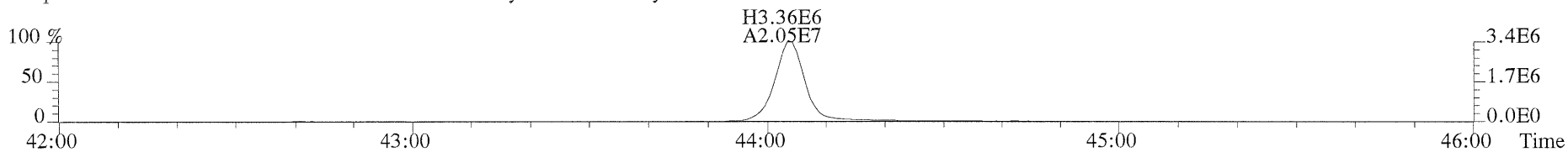
File:10MAY11M #1-541 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:22 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



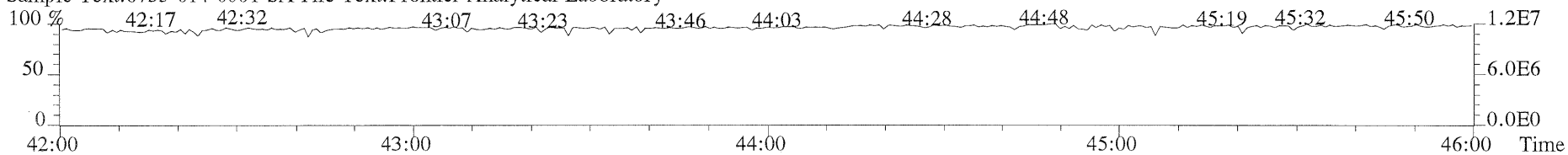
File:10MAY11M #1-541 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:22 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



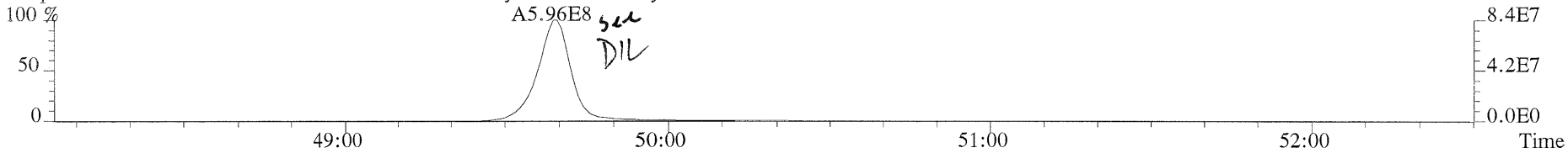
File:10MAY11M #1-541 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:22 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



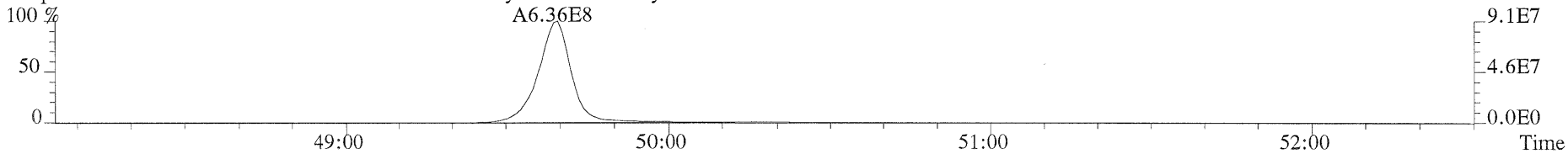
File:10MAY11M #1-541 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:22 F:4 Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



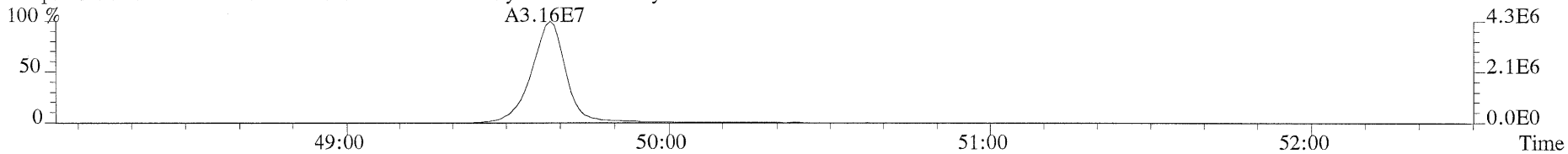
File:10MAY11M #1-347 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:22 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



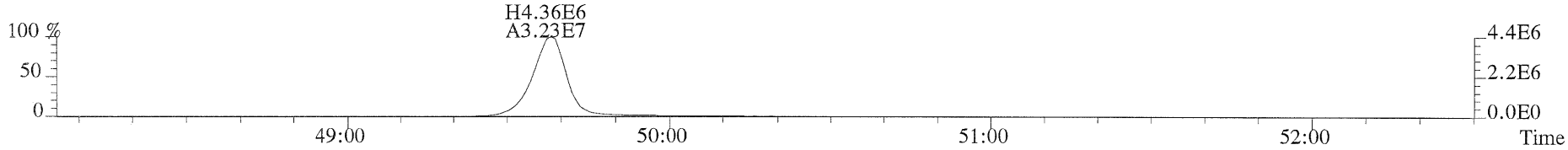
File:10MAY11M #1-347 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:22 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



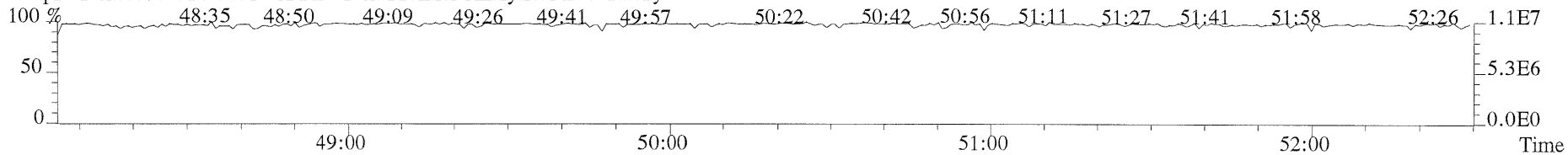
File:10MAY11M #1-347 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:22 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



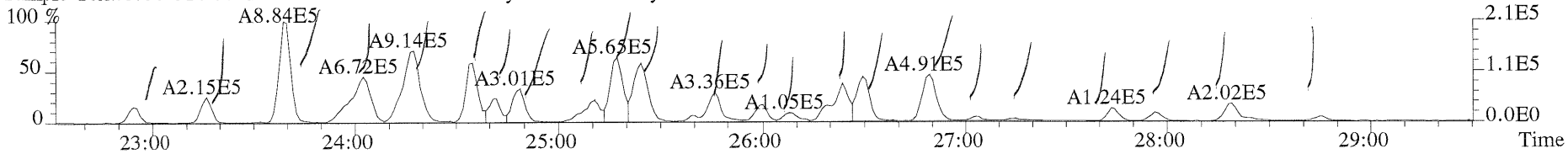
File:10MAY11M #1-347 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:22 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



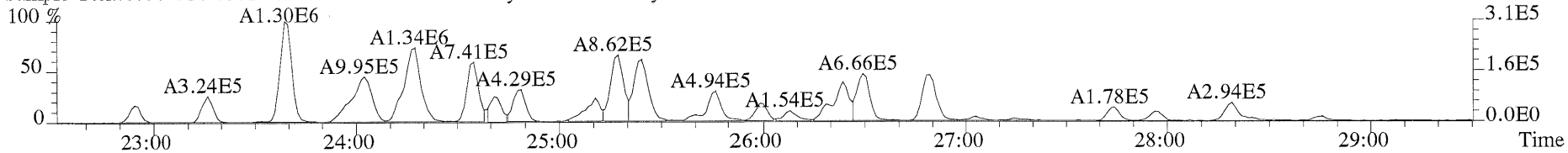
File:10MAY11M #1-347 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:22 F:5 Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



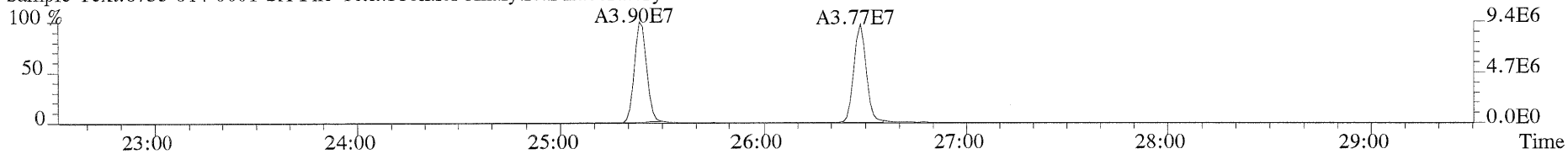
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:22 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



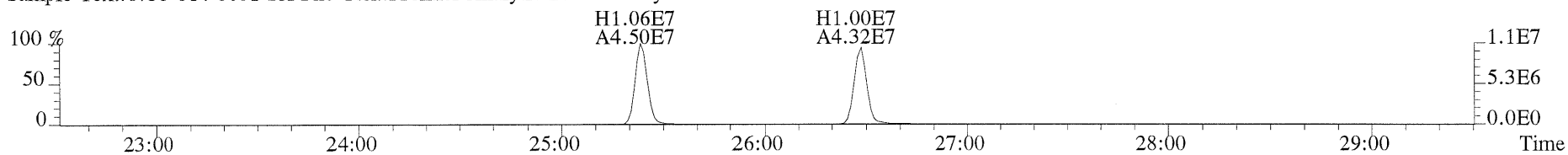
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:22 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



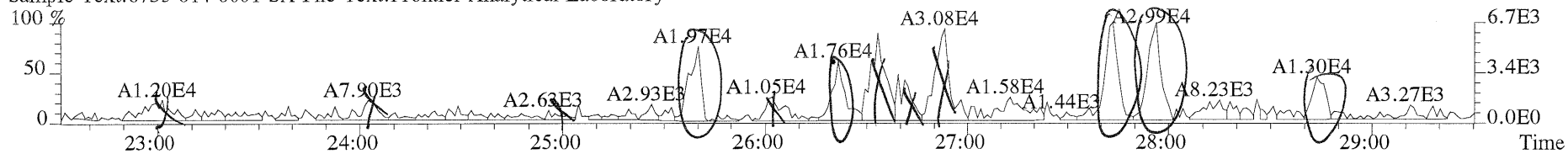
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:22 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



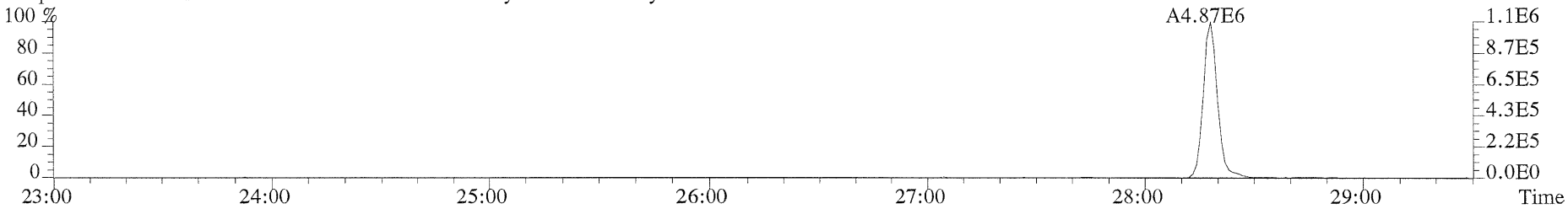
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:22 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



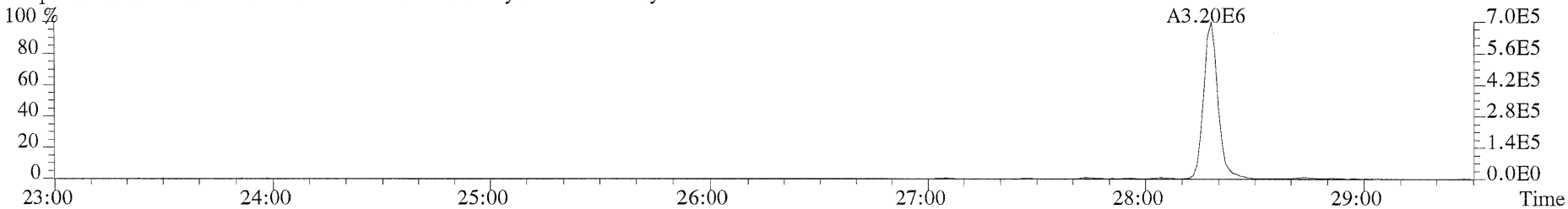
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:22 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



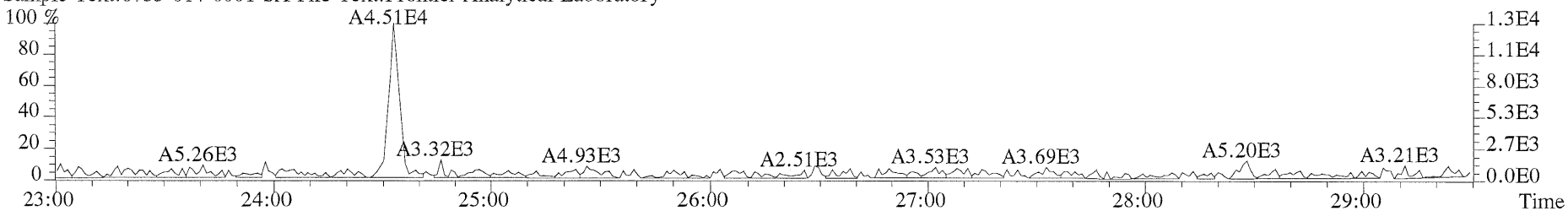
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:22 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



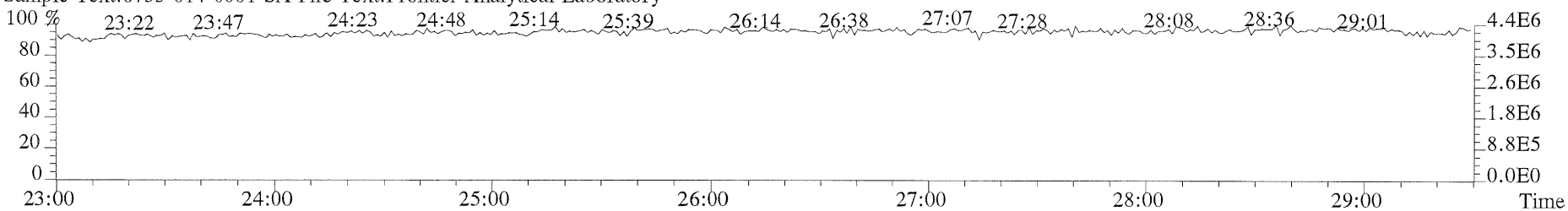
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:22 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



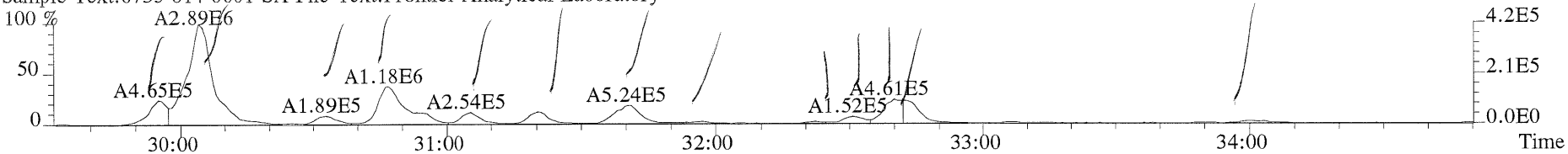
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:22 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



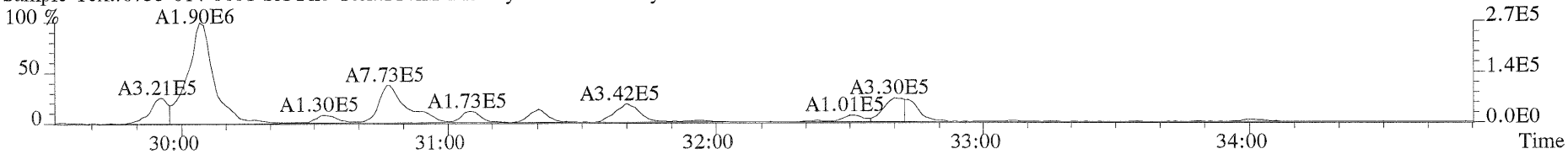
File:10MAY11M #1-425 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:22 Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



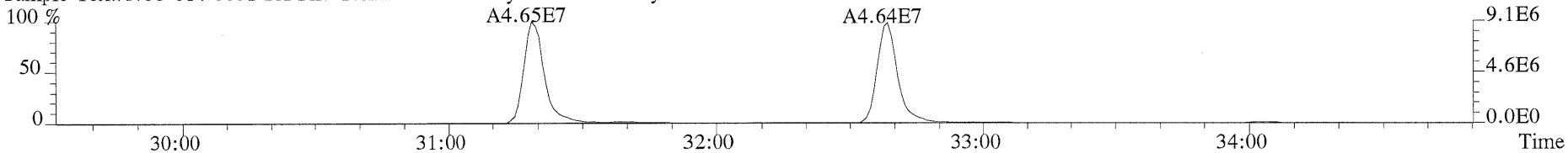
File:10MAY11M #1-412 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:22 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



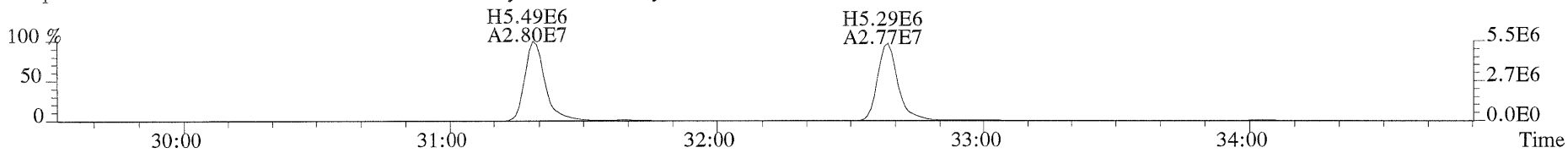
File:10MAY11M #1-412 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:22 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



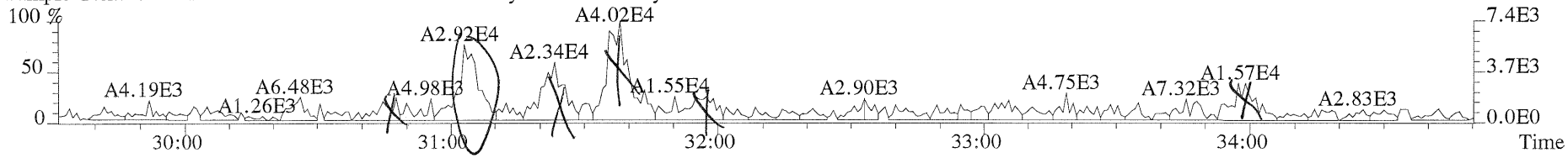
File:10MAY11M #1-412 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:22 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



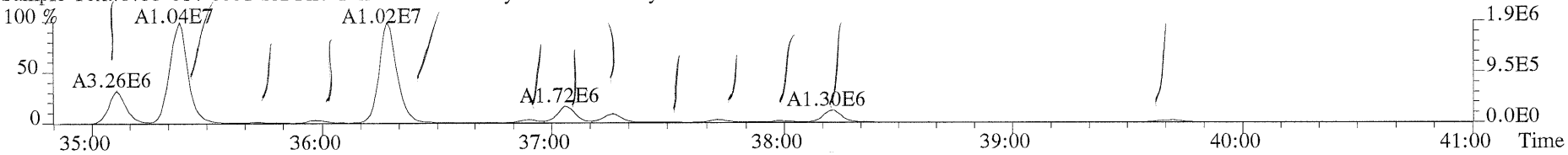
File:10MAY11M #1-412 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:22 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



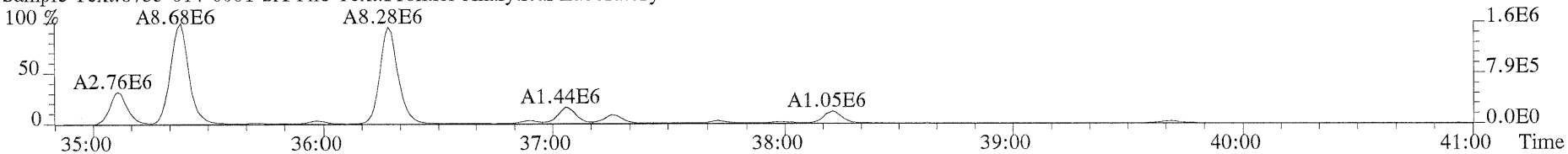
File:10MAY11M #1-412 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:22 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



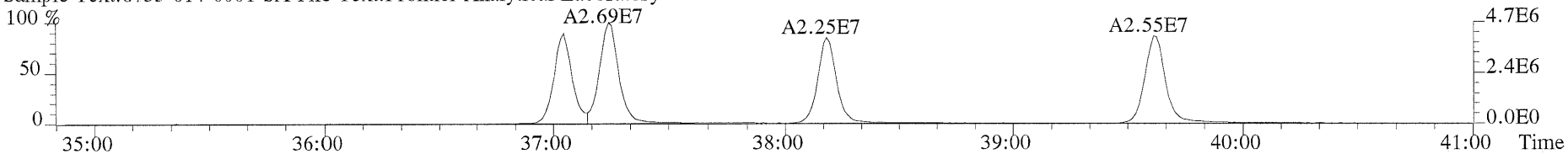
File:10MAY11M #1-477 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:22 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



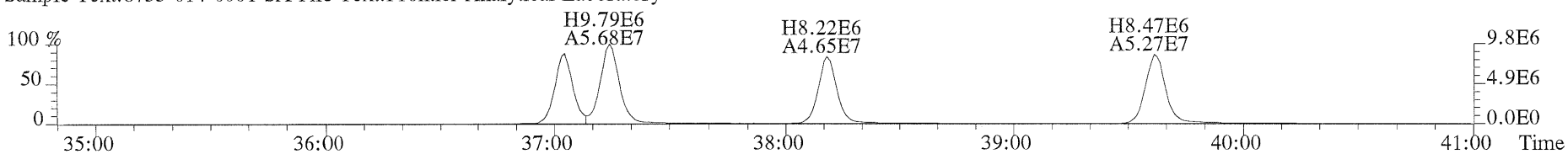
File:10MAY11M #1-477 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:22 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



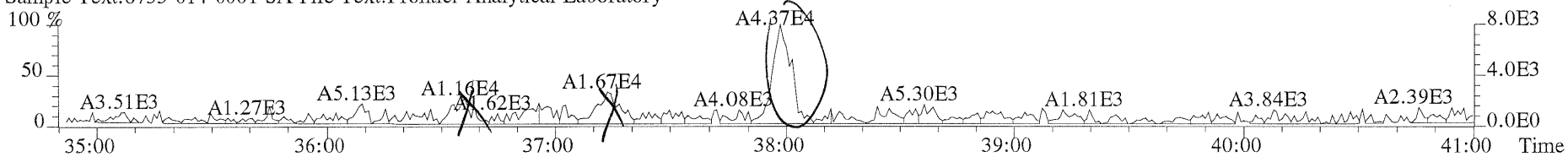
File:10MAY11M #1-477 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:22 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



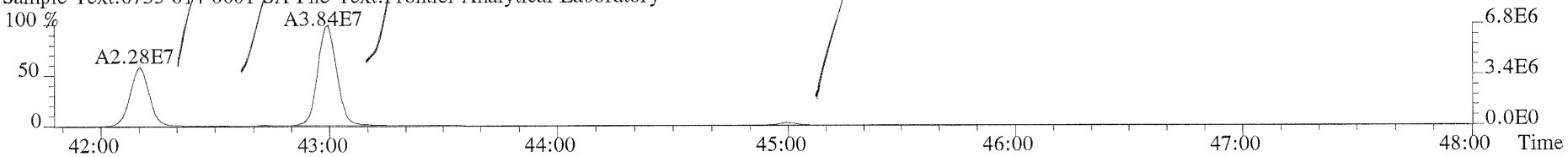
File:10MAY11M #1-477 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:22 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



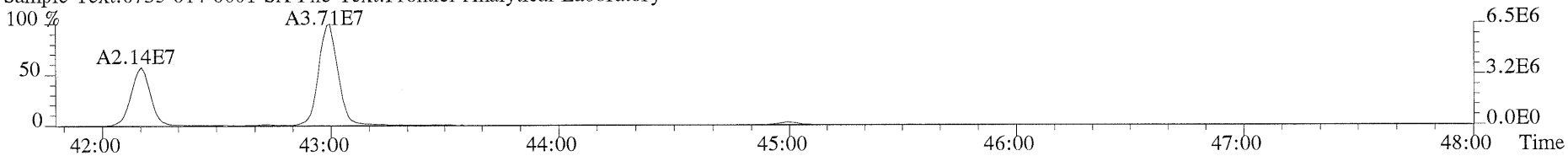
File:10MAY11M #1-477 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:22 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



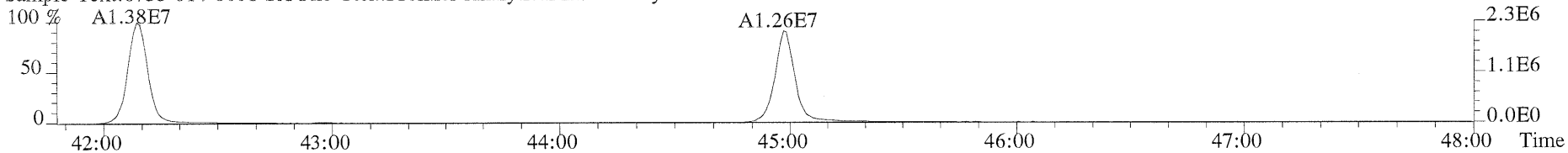
File:10MAY11M #1-541 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:22 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



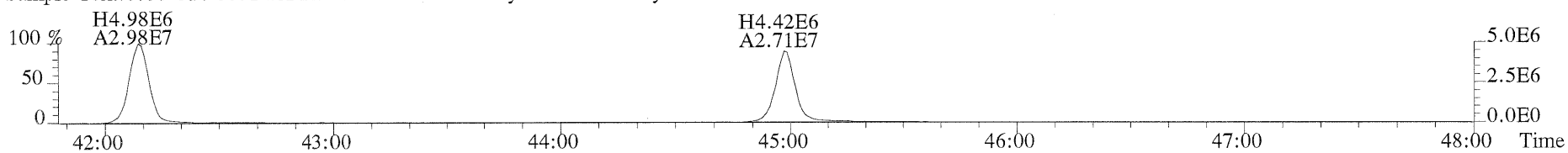
File:10MAY11M #1-541 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:22 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



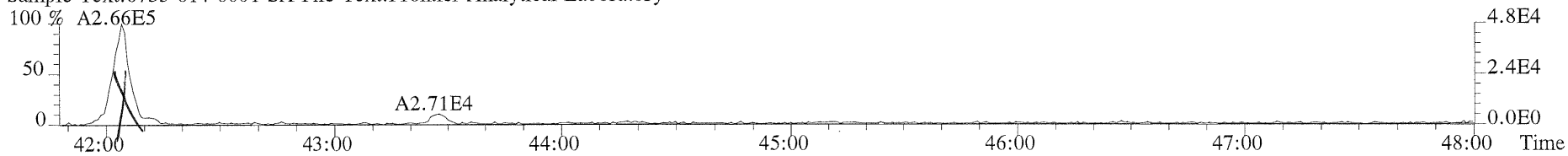
File:10MAY11M #1-541 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:22 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



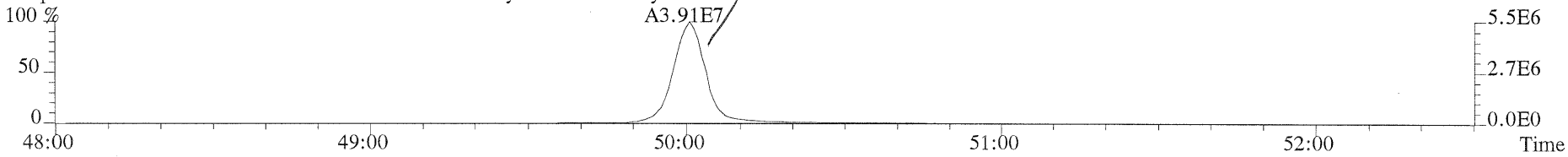
File:10MAY11M #1-541 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:22 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



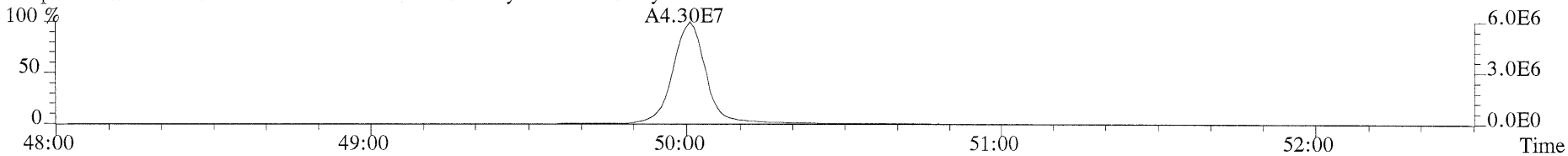
File:10MAY11M #1-541 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:22 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



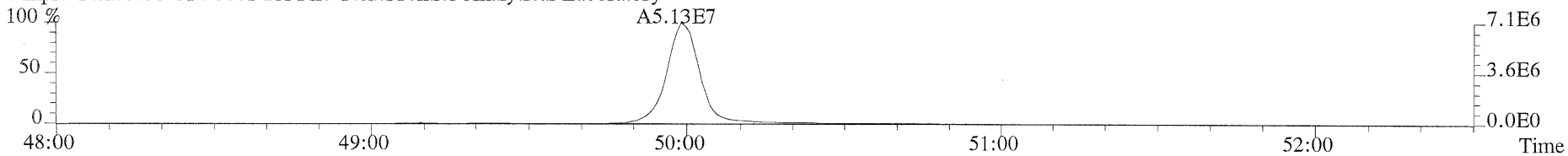
File:10MAY11M #1-347 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:22 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



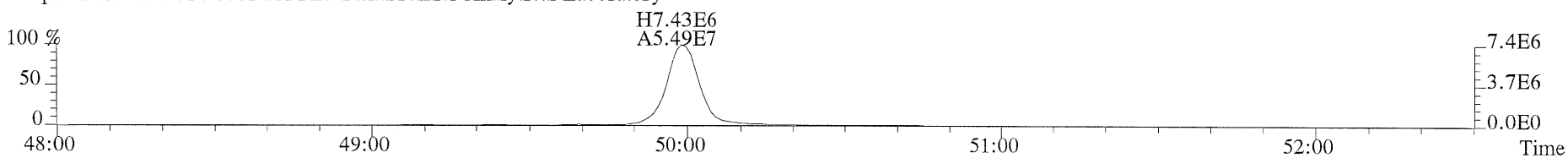
File:10MAY11M #1-347 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:22 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



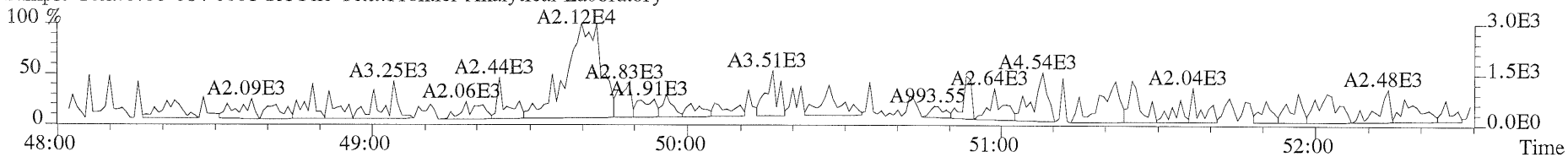
File:10MAY11M #1-347 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:22 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-347 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:22 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



File:10MAY11M #1-347 Acq:11-MAY-2011 05:41:56 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:22 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory

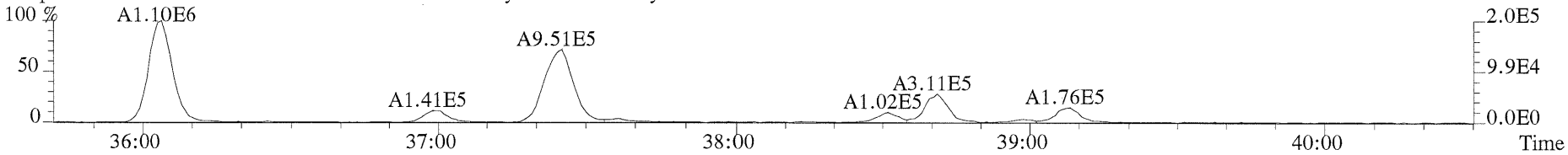


FAL ID: 6735-014-0001-SA Filename: 12MAY11M Sam:3 Acquired: 12-MAY-11 11:38:00 ICal: PCDDFAL3-3-7-11
Client ID: DMA-TP3-3-4-042011 1:10 ConCal: ST051211M1 EndCal: ST051211M2
Results: GC Column: DB5 Amount: 5.010

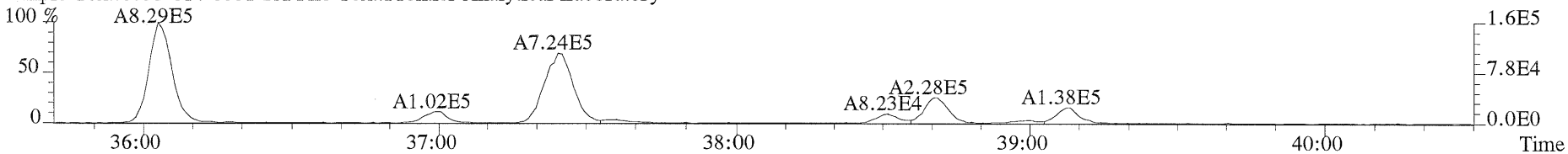
Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
OCDD	9.24e+07	0.93 y	49:41	1.45	11300		2.50	-	-	*
										Rec
13C-OCDD	4.50e+06	1.00 y	49:39	0.607	845					106
37Cl-2,3,7,8-TCDD	1.03e+06	1.24 y	27:20	0.729	137					85.6
13C-1,2,3,7,8,9-HxCDD	3.50e+06		39:06	-	2.82					

Analyst: _____ Date: 5/12/11

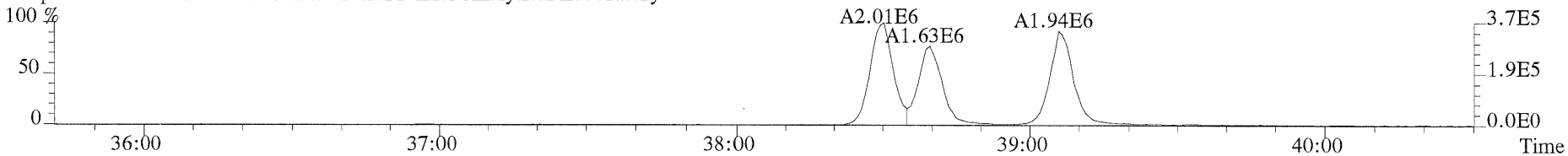
File:12MAY11M #1-477 Acq:12-MAY-2011 11:38:00 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



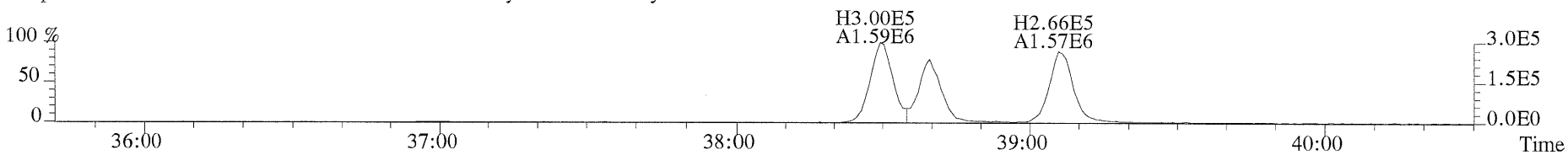
File:12MAY11M #1-477 Acq:12-MAY-2011 11:38:00 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



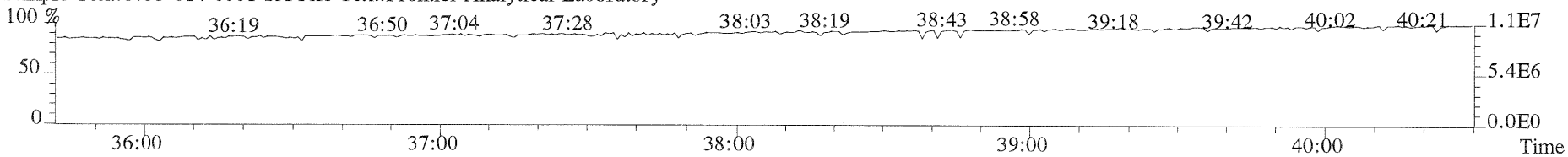
File:12MAY11M #1-477 Acq:12-MAY-2011 11:38:00 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



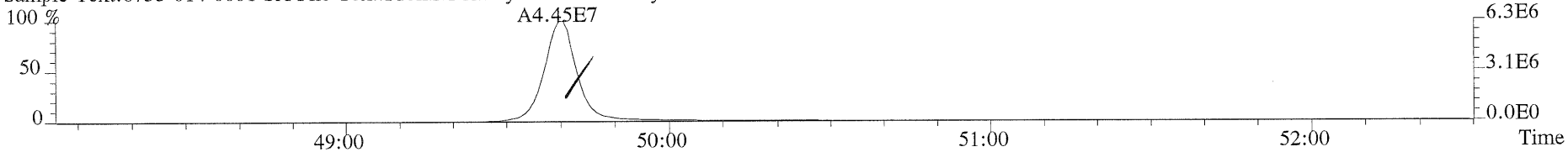
File:12MAY11M #1-477 Acq:12-MAY-2011 11:38:00 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



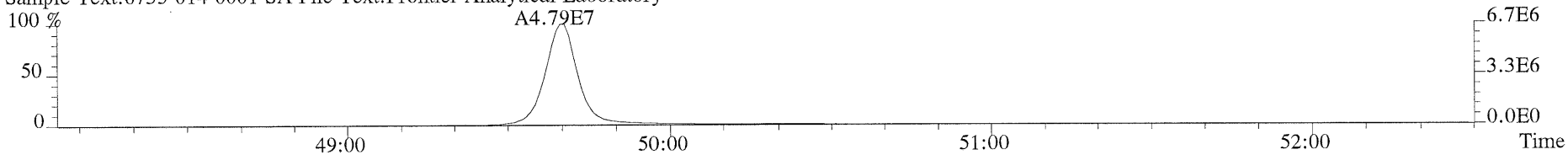
File:12MAY11M #1-477 Acq:12-MAY-2011 11:38:00 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:3 F:3 Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



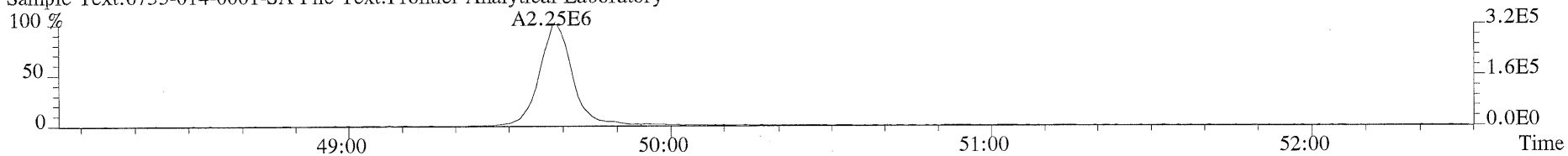
File:12MAY11M #1-347 Acq:12-MAY-2011 11:38:00 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



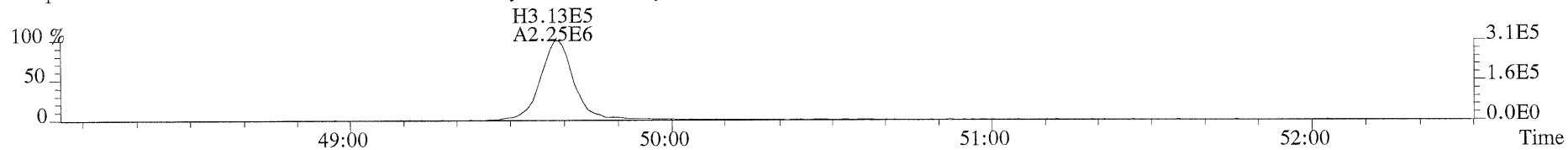
File:12MAY11M #1-347 Acq:12-MAY-2011 11:38:00 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



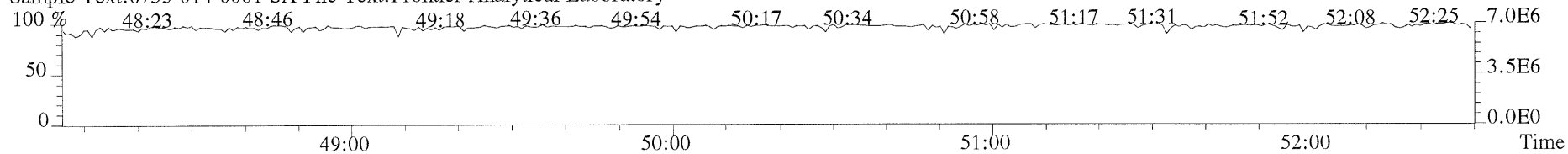
File:12MAY11M #1-347 Acq:12-MAY-2011 11:38:00 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



File:12MAY11M #1-347 Acq:12-MAY-2011 11:38:00 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory



File:12MAY11M #1-347 Acq:12-MAY-2011 11:38:00 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:3 F:5 Exp:OCDD
Sample Text:6735-014-0001-SA File Text:Frontier Analytical Laboratory

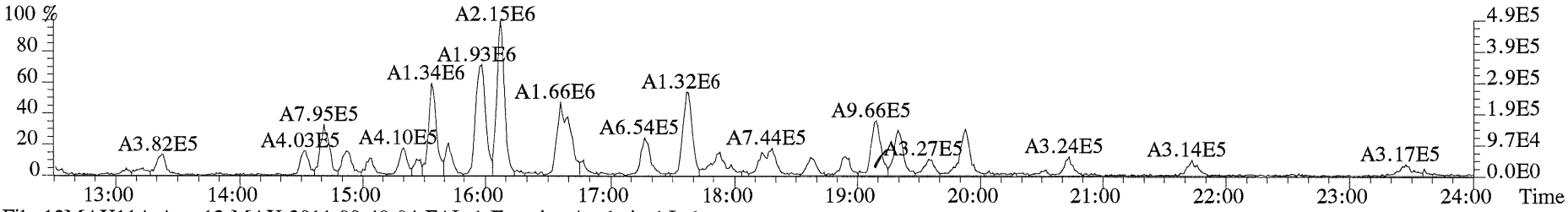


FAL ID: 6735-014-0001-SA Filename: 12MAY11A Sam:3 Acquired: 12-MAY-11 09:40:04 ICal: TCDFFAL1-2-18-11
Client ID: DMA-TP3-3-4-042011 ConCal: ST051211A1 EndCal: ST051211A2
Results: GC Column: DB225 Amount: 5.010

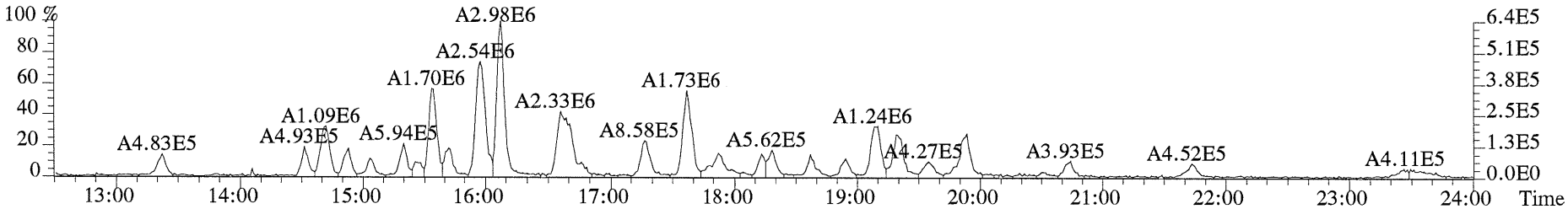
Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise	DL	#Hom	Rec
2,3,7,8-TCDF	2.21e+06	0.78 y	19:09	1.16	3.39		2.50	-	-	1	
13C-2,3,7,8-TCDF	2.25e+08	0.79 y	19:07	1.05	345						86.4
13C-1,2,3,4-TCDF	2.47e+08	0.79 y	16:35	-	27.9						

Analyst: Date: 5/12/11

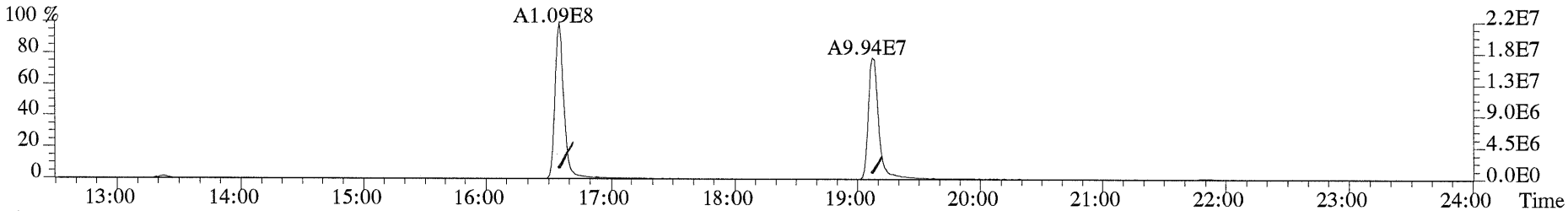
File:12MAY11A Acq:12-MAY-2011 09:40:04 FAL-1 Frontier Analytical Laboratory
303.9016 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-014-0001-SA



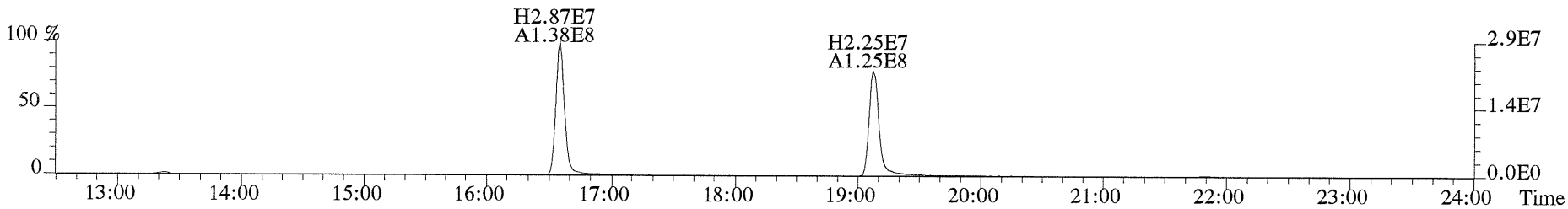
File:12MAY11A Acq:12-MAY-2011 09:40:04 FAL-1 Frontier Analytical Laboratory
305.8987 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-014-0001-SA



File:12MAY11A Acq:12-MAY-2011 09:40:04 FAL-1 Frontier Analytical Laboratory
315.9419 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-014-0001-SA



File:12MAY11A Acq:12-MAY-2011 09:40:04 FAL-1 Frontier Analytical Laboratory
317.9389 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:TCDF
FAL ID:6735-014-0001-SA



FAL ID: 6735-015-0001-SA Filename: 10MAY11M Sam:21 Acquired: 11-MAY-11 04:46:37 ICal: PCDDFAL3-3-7-11
Client ID: DMA-TP3-5-6-042011 ConCal: ST051011M2 EndCal: ST051011M3
Results: 6735 GC Column: DB5 Amount: 5.010 NATO 1989 Tox: 0.0292
WHO 1998 Tox: 0.0187 WHO 2005 Tox: 0.0210

0.0211 DJN 5/12/11

Name	Resp	RA		RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	*	*	n	NotFnd	1.13	*		2.50	545	585	0.112
1,2,3,7,8-PeCDD	*	*	n	NotFnd	1.02	*		2.50	907	518	0.179
1,2,3,4,7,8-HxCDD	*	*	n	NotFnd	1.45	*		2.50	722	586	0.134
1,2,3,6,7,8-HxCDD	*	*	n	NotFnd	1.45	*		2.50	722	586	0.174
1,2,3,7,8,9-HxCDD	*	*	n	NotFnd	1.47	*		2.50	722	586	0.149
1,2,3,4,6,7,8-HpCDD	1.47e+05	0.90	y	44:05	1.30	1.43	J	2.50	-	-	*
OCDD	7.50e+05	0.94	y	49:38	1.45	10.9		2.50	-	-	*
2,3,7,8-TCDF	*	*	n	NotFnd	1.15	*		2.50	911	1010	0.112
1,2,3,7,8-PeCDF	*	*	n	NotFnd	0.89	*		2.50	524	800	0.113
2,3,4,7,8-PeCDF	*	*	n	NotFnd	0.89	*		2.50	524	800	0.125
1,2,3,4,7,8-HxCDF	*	*	n	NotFnd	1.01	*		2.50	890	802	0.166
1,2,3,6,7,8-HxCDF	*	*	n	NotFnd	0.89	*		2.50	890	802	0.155
2,3,4,6,7,8-HxCDF	*	*	n	NotFnd	1.02	*		2.50	890	802	0.168
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.10	*		2.50	890	802	0.139
1,2,3,4,6,7,8-HpCDF	4.26e+04	1.01	y	42:11	1.48	0.325	J	2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	*	*	n	NotFnd	1.43	*		2.50	438	414	0.111
OCDF	6.76e+04	0.97	y	49:59	0.84	0.874	J	2.50	-	-	*
											Rec
13C-2,3,7,8-TCDD	4.01e+07	0.79	y	27:13	1.03	326					81.7
13C-1,2,3,7,8-PeCDD	4.08e+07	1.73	y	33:04	1.01	338					84.6
13C-1,2,3,4,7,8-HxCDD	3.61e+07	1.25	y	38:27	1.19	322					80.7
13C-1,2,3,6,7,8-HxCDD	2.88e+07	1.24	y	38:37	0.94	327					82.0
13C-1,2,3,4,6,7,8-HpCDD	3.17e+07	1.04	y	44:04	0.83	408					102
13C-OCDD	3.81e+07	0.98	y	49:37	0.61	666					83.4
13C-2,3,7,8-TCDF	6.59e+07	0.88	y	26:28	0.98	348					87.1
13C-1,2,3,7,8-PeCDF	6.67e+07	1.66	y	31:19	0.83	416					104
13C-2,3,4,7,8-PeCDF	6.39e+07	1.68	y	32:38	0.80	411					103
13C-1,2,3,4,7,8-HxCDF	5.57e+07	0.48	y	37:03	1.84	321					80.5
13C-1,2,3,6,7,8-HxCDF	6.91e+07	0.48	y	37:15	2.29	320					80.2
13C-2,3,4,6,7,8-HxCDF	5.63e+07	0.48	y	38:11	1.86	321					80.4
13C-1,2,3,7,8,9-HxCDF	6.33e+07	0.48	y	39:37	1.98	339					85.0
13C-1,2,3,4,6,7,8-HpCDF	3.53e+07	0.46	y	42:09	0.99	380					95.2
13C-1,2,3,4,7,8,9-HpCDF	3.21e+07	0.46	y	44:59	0.77	445					111
13C-OCDF	7.32e+07	0.94	y	49:59	1.17	667					83.6
37Cl-2,3,7,8-TCDD	1.10e+07			27:15	0.73	127					79.2
13C-1,2,3,4-TCDD	4.77e+07	0.80	y	26:40	-	25.1					
13C-1,2,3,4-TCDF	7.72e+07	0.88	y	25:24	-	21.4					
13C-1,2,3,7,8,9-HxCDD	3.76e+07	1.25	y	39:03	-	30.2					

							Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	*		NotFnd	1.13	*		2.50	545	585	0.112		0
Total Penta-Dioxins	*		NotFnd	1.02	*		2.50	907	518	0.179		0
Total Hexa-Dioxins	4.52e+04		36:00	1.46	0.381	J	2.50	-	-	*		1
Total Hepta-Dioxins	3.08e+05		42:42	1.30	2.98	J	2.50	-	-	*		2
Total Tetra-Furans	*		NotFnd	1.15	*		2.50	911	1010	0.112		0
1st Fn. Tot Penta-Furans	*		NotFnd	0.89	*		2.50	524	800	0.125	PeCDF	0
Total Penta-Furans	*		NotFnd	0.89	*		2.50	524	800	0.125	0.00	0
Total Hexa-Furans	*		NotFnd	1.00	*		2.50	890	802	0.168		0
Total Hepta-Furans	1.04e+05		42:11	1.46	0.826	J	2.50	-	-	*		2

Analyst: _____ Date: 5/12/11

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 27 File: 10MAY11M S: 21 I: 1 F: 3
Acquired: 11-MAY-11 04:46:37

Total Concentration: 0.381 Unnamed Concentration: 0.381

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:00	2.57e+04	1.95e+04	1.32 y	4.52e+04	0.381	

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 27 File: 10MAY11M S: 21 I: 1 F: 4
Acquired: 11-MAY-11 04:46:37

Total Concentration: 2.98 Unnamed Concentration: 1.551

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:42	7.54e+04	8.49e+04	0.89 y	1.60e+05	1.55	
44:05	6.97e+04	7.77e+04	0.90 y	1.47e+05	1.43	1,2,3,4,6,7,8-HpCDD