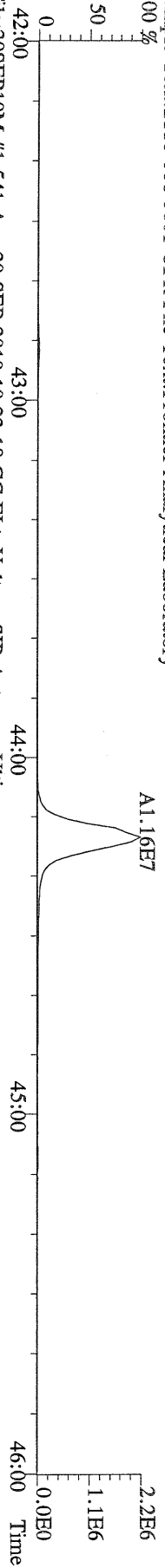
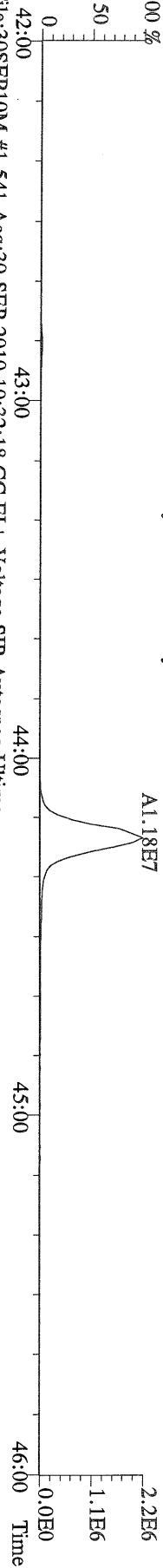


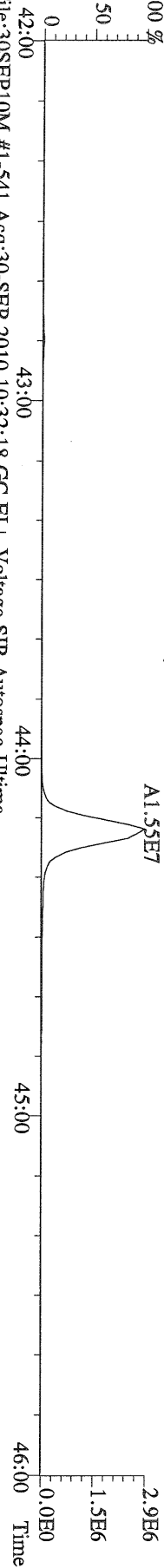
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423.7767 S:2 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory  
100%



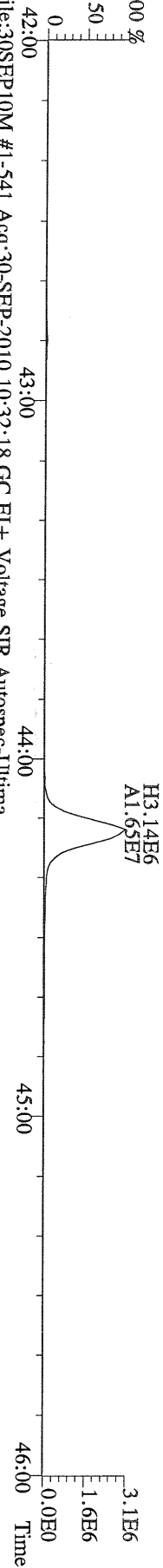
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425.7737 S:2 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
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100%



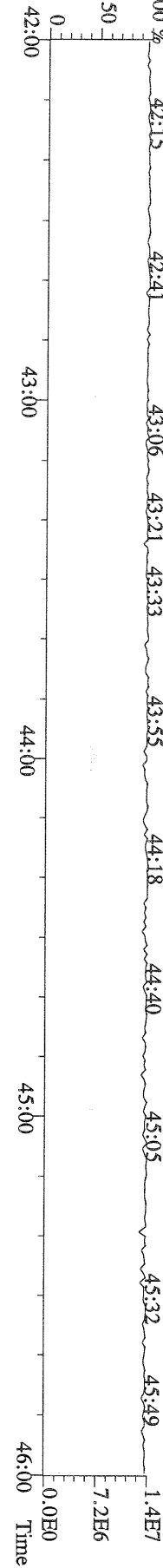
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435.8169 S:2 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory  
100%



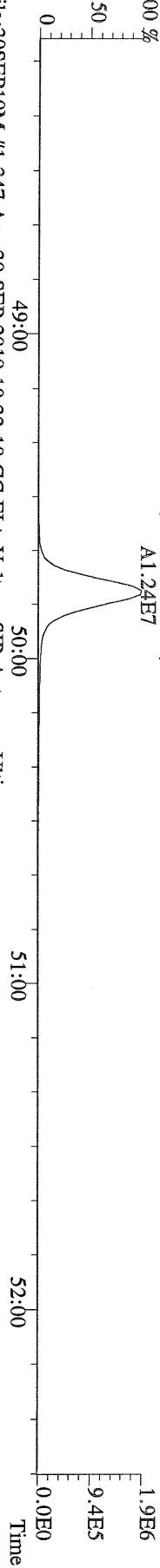
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437.8140 S:2 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
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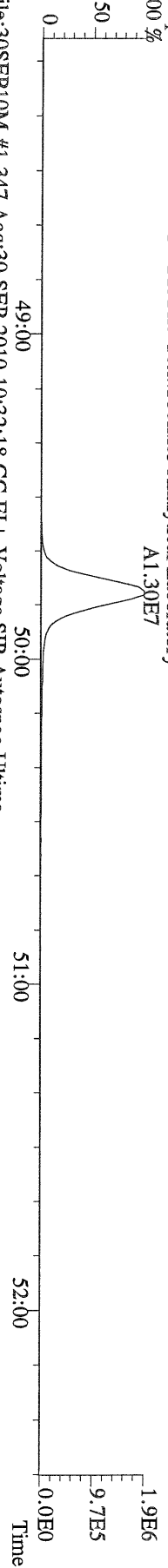
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430.9728 S:2 F:4 Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



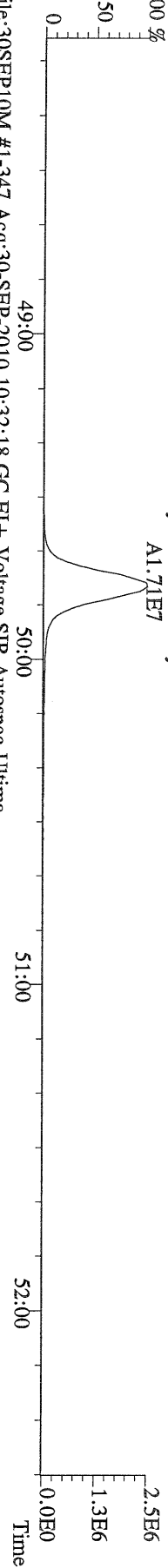
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457.7377 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory  
100 %



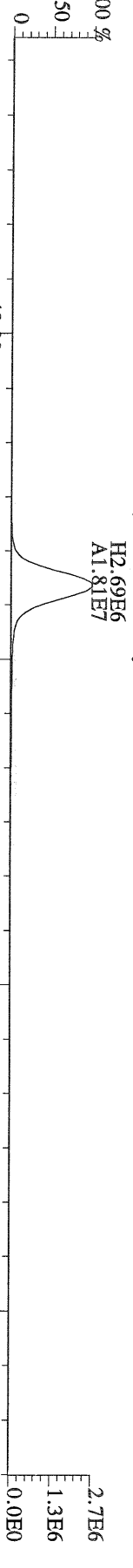
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459.7348 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory  
100 %



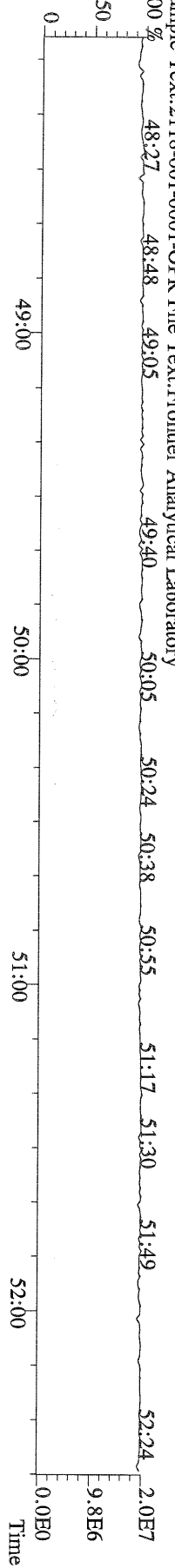
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469.7780 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory  
100 %



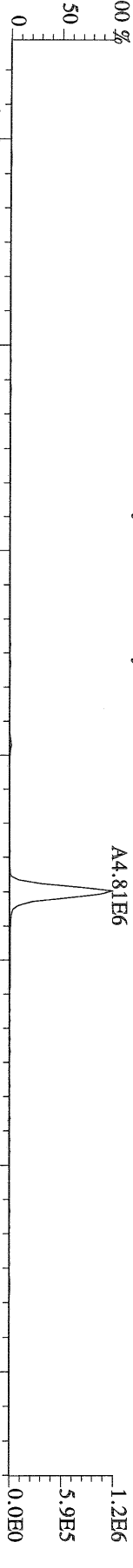
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Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



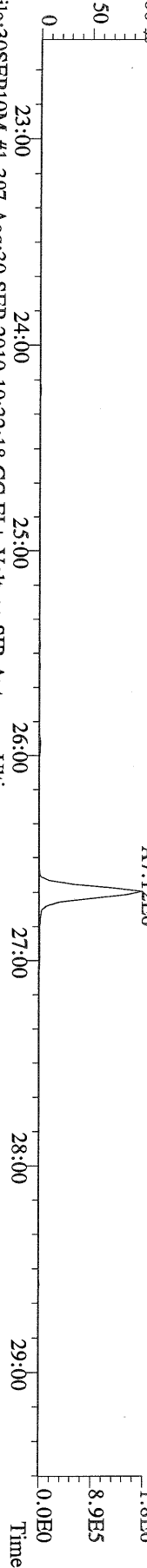
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454.9728 S:2 F:5 Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



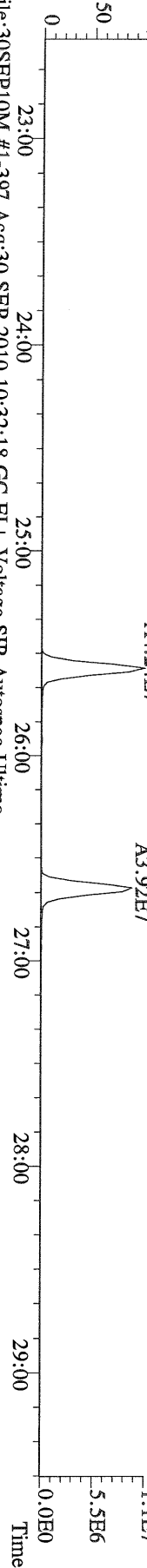
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 303.9016 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
 Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



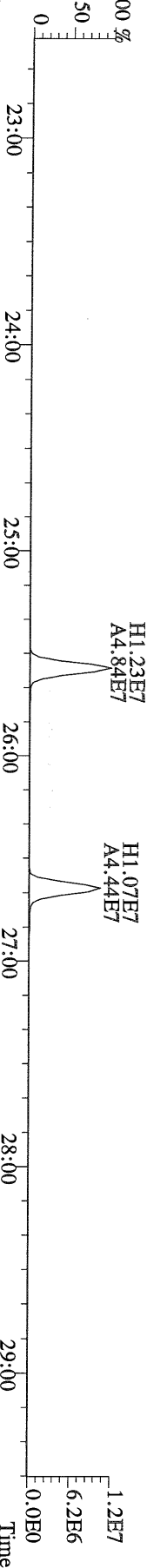
File:30SEP10M #1-397 Acq:30-SEP-2010 10:32:18 GC EI+ Voltage SIR Autospec-Ultima  
 305.8987 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
 Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



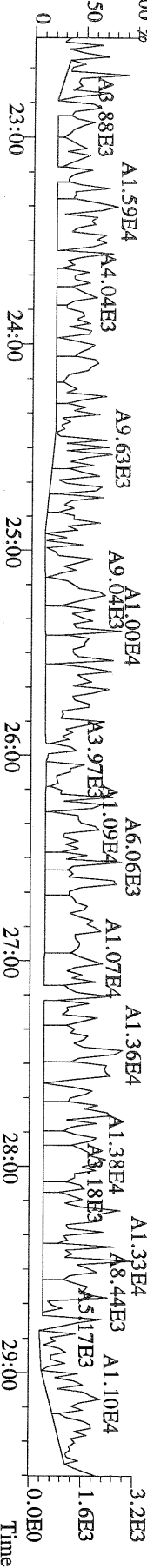
File:30SEP10M #1-397 Acq:30-SEP-2010 10:32:18 GC EI+ Voltage SIR Autospec-Ultima  
 315.9419 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
 Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



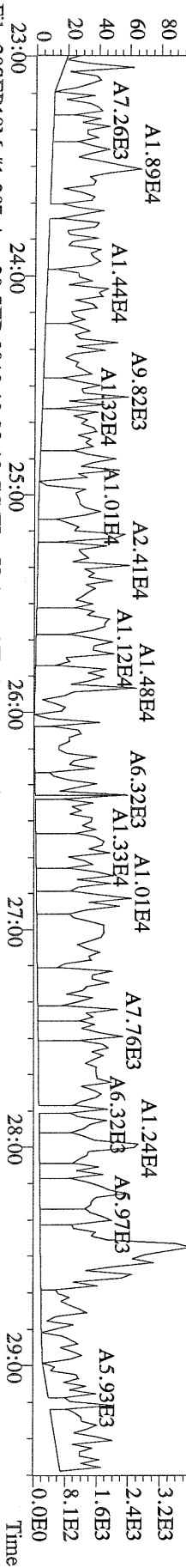
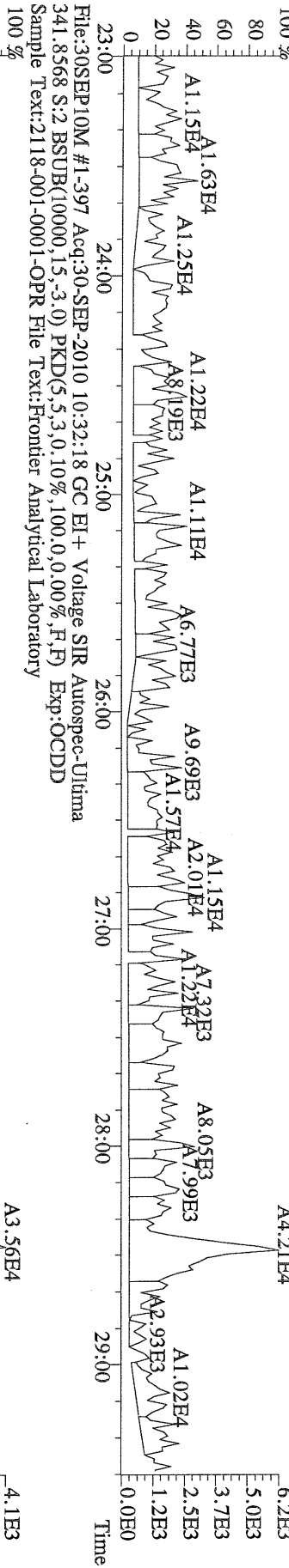
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 317.9389 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
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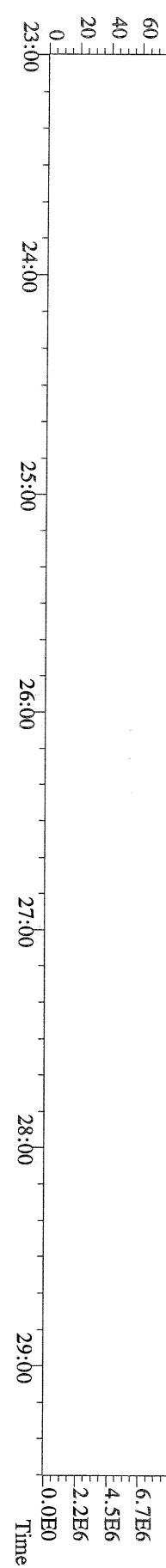
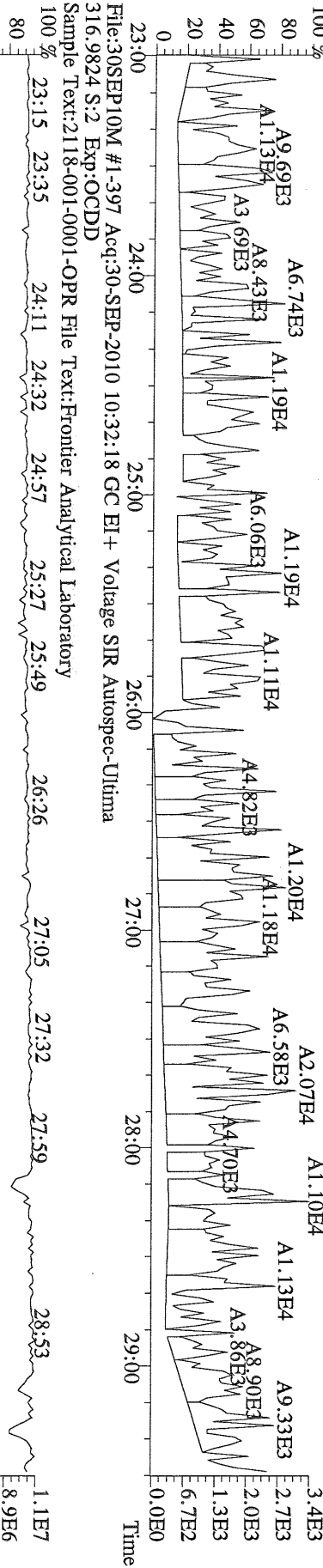
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 375.8364 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
 Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



File:30SEP10M #1-397 Acq:30-SEP-2010 10:32:18 GC EI+ Voltage SIR Autospec-Ultima  
 339.8597 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory

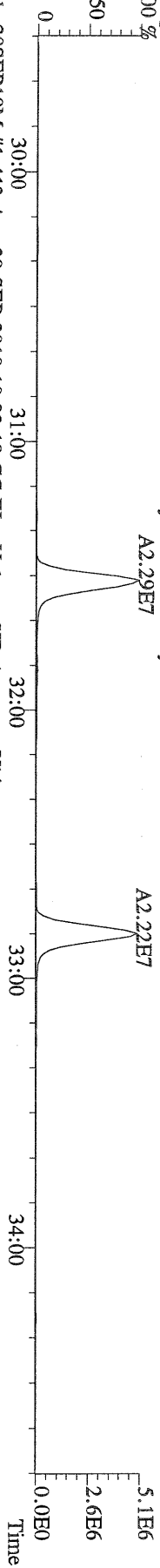


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 409.7974 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory

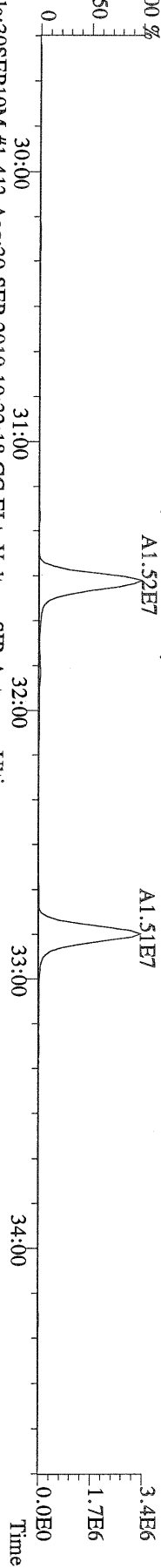




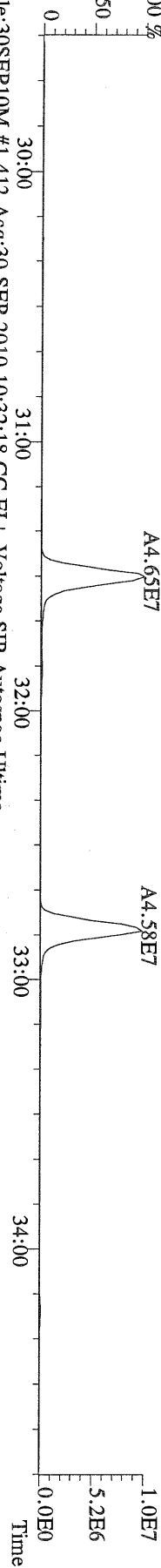
File:30SEP10M #1-412 Acq:30-SEP-2010 10:32:18 GC EI + Voltage SIR Autospec-Utima  
339.8597 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Fronter Analytical Laboratory



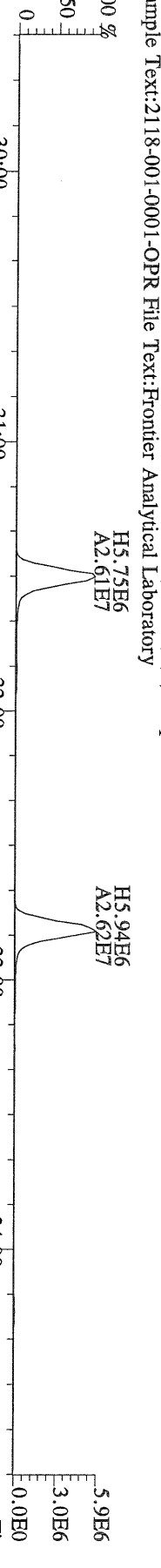
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341.8568 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Fronter Analytical Laboratory



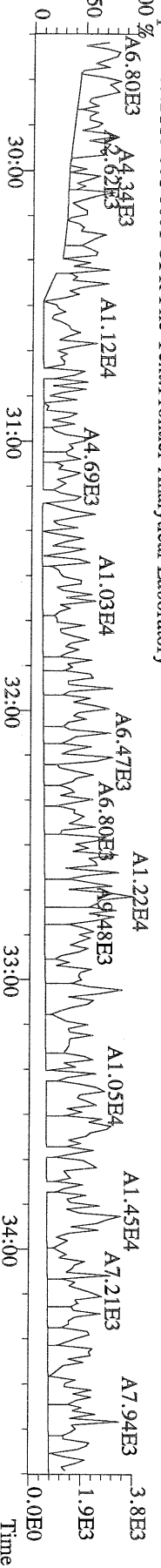
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351.9000 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Fronter Analytical Laboratory



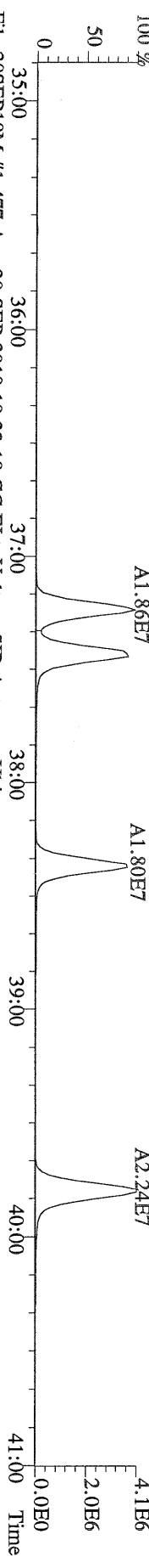
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Sample Text:2118-001-0001-OPR File Text:Fronter Analytical Laboratory



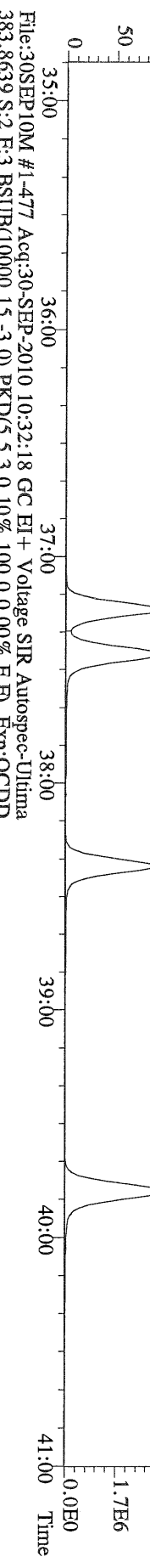
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409.7974 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Fronter Analytical Laboratory



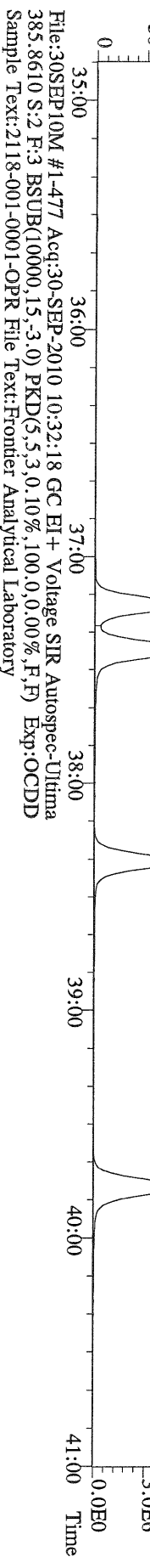
File:30SEP10M #1-477 Acq:30-SEP-2010 10:32:18 GC EI+ Voltage SIR Autospec-Ultima  
373.8207 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



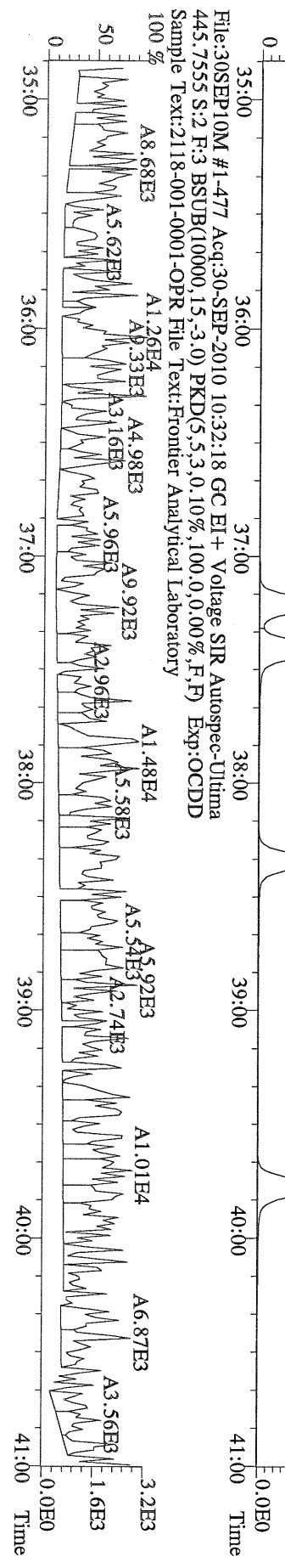
File:30SEP10M #1-477 Acq:30-SEP-2010 10:32:18 GC EI+ Voltage SIR Autospec-Ultima  
383.8639 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



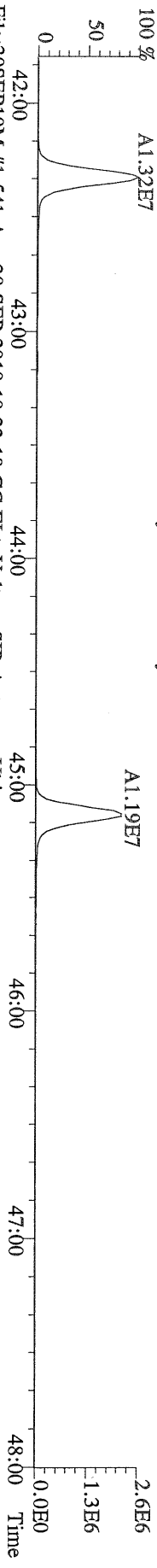
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385.8610 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



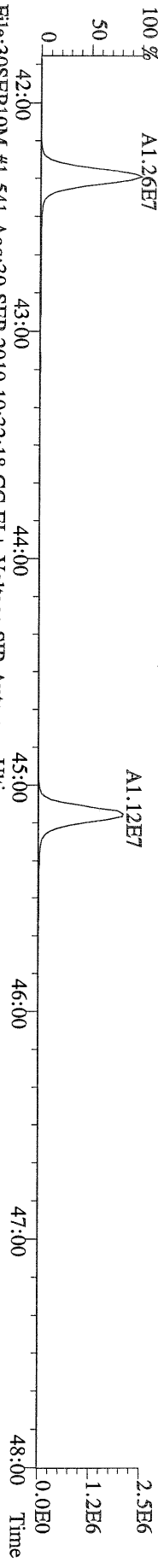
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445.7555 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



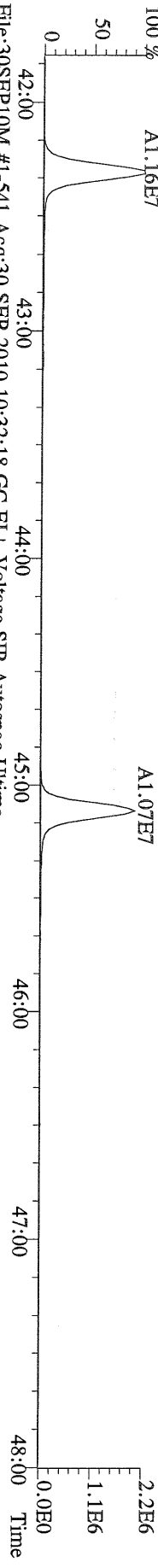
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 407.7818 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



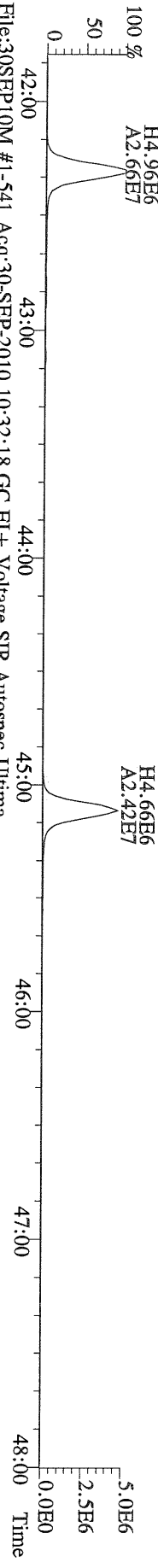
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 409.7788 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
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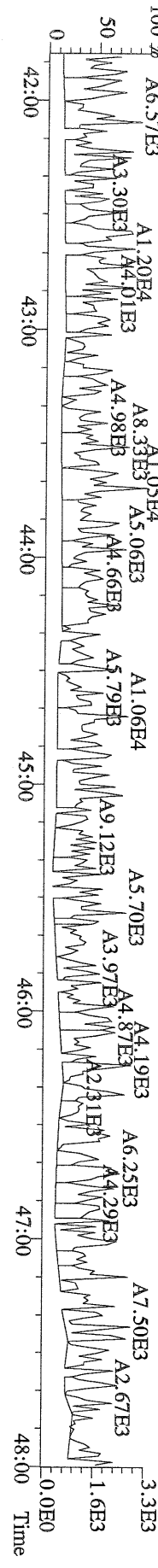
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 417.8253 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
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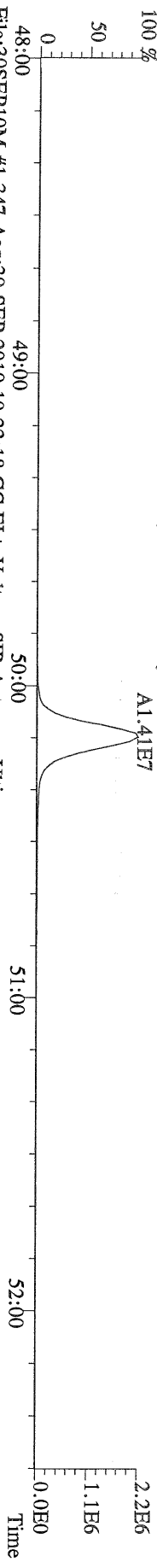
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 419.8220 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



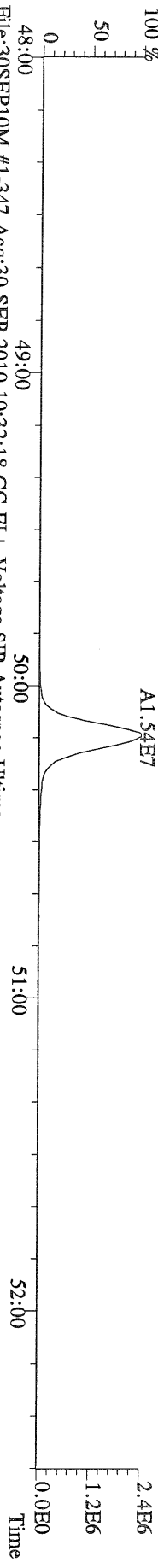
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 479.7165 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



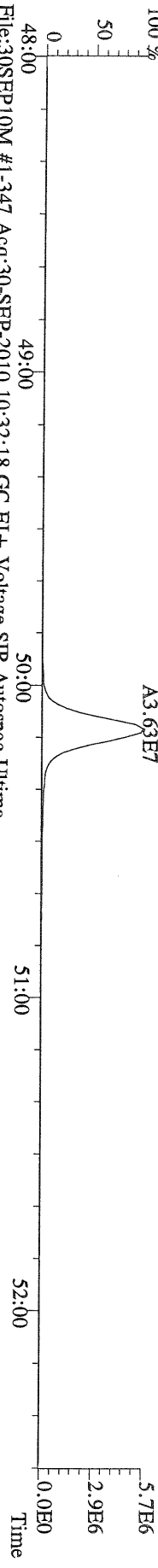
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441.7428 S:2 F:5 BSUB(10000,15,-3.0) PKD(5.5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



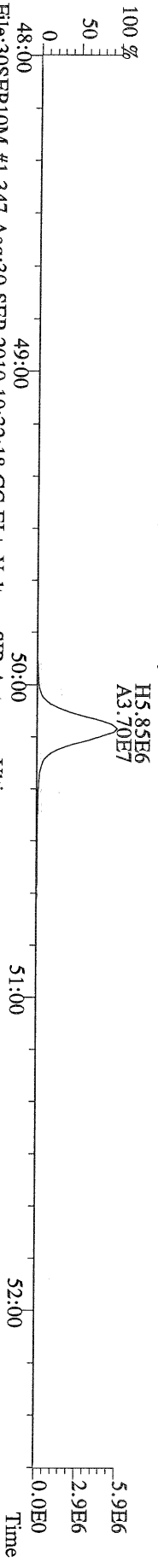
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Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



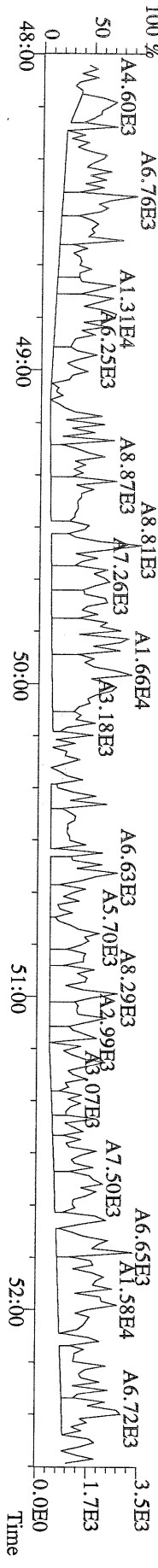
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453.7831 S:2 F:5 BSUB(10000,15,-3.0) PKD(5.5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:2118-001-0001-OPR File Text:Frontier Analytical Laboratory




File:30SEP10M #1-347 Acq:30-SEP-2010 10:32:18 GC EI+ Voltage SIR Autospec-Ultima  
455.7801 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:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



File:30SEP10M #1-347 Acq:30-SEP-2010 10:32:18 GC EI+ Voltage SIR Autospec-Ultima  
513.6775 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:2118-001-0001-OPR File Text:Frontier Analytical Laboratory



Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	Rec	#Hom
2,3,7,8-TCDD	*	* n	NotFnd	1.11	*		2.50	2010	2260	0.285	
1,2,3,7,8-PeCDD	*	* n	NotFnd	1.10	*		2.50	2520	1620	0.320	
1,2,3,4,7,8-HxCDD	*	* n	NotFnd	1.37	*		2.50	1980	1600	0.254	
1,2,3,6,7,8-HxCDD	1.37e+05	1.25 y	38:47	1.37	1.03	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDD	8.51e+04	1.30 y	39:14	1.36	0.564	J	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	3.36e+06	0.97 y	44:12	1.45	24.4		2.50	-	-	*	
OCDD	1.53e+07	0.98 y	49:46	1.43	215		2.50	-	-	*	
2,3,7,8-TCDF	*	* n	NotFnd	1.50	*		2.50	1870	2680	0.134	
1,2,3,7,8-PeCDF	*	* n	NotFnd	0.94	*		2.50	2670	2220	0.278	
2,3,4,7,8-PeCDF	*	* n	NotFnd	0.94	*		2.50	2670	2220	0.287	
1,2,3,4,7,8-HxCDF	6.65e+04	1.26 y	37:13	0.93	0.330	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDF	4.32e+04	1.21 y	37:25	0.82	0.206	J	2.50	-	-	*	
2,3,4,6,7,8-HxCDF	6.68e+04	1.12 y	38:21	0.92	0.353	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDF	*	* n	NotFnd	1.00	*		2.50	1270	1010	0.128	
1,2,3,4,6,7,8-HpCDF	1.16e+06	1.07 y	42:18	1.39	7.38		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	6.95e+04	1.00 y	45:07	1.36	0.498	J	2.50	-	-	*	
OCDF	2.43e+06	0.90 y	50:09	0.79	30.3		2.50	-	-	*	
13C-2,3,7,8-TCDD	5.68e+07	0.81 y	27:24	1.02	342					87.0	
13C-1,2,3,7,8-PeCDD	5.48e+07	1.76 y	33:14	0.84	401					102	
13C-1,2,3,4,7,8-HxCDD	4.92e+07	1.28 y	38:35	1.07	380					96.7	
13C-1,2,3,6,7,8-HxCDD	3.80e+07	1.23 y	38:45	1.01	311					79.2	
13C-1,2,3,4,6,7,8-HpCDD	3.72e+07	0.94 y	44:11	0.86	361					91.8	
13C-OCDD	3.89e+07	0.95 y	49:45	0.55	591					75.2	
13C-2,3,7,8-TCDF	9.65e+07	0.86 y	26:39	0.99	353					90.0	
13C-1,2,3,7,8-PeCDF	8.22e+07	1.77 y	31:29	0.84	358					91.0	
13C-2,3,4,7,8-PeCDF	8.06e+07	1.73 y	32:48	0.81	362					92.1	
13C-1,2,3,4,7,8-HxCDF	8.54e+07	0.52 y	37:11	1.85	383					97.4	
13C-1,2,3,6,7,8-HxCDF	1.00e+08	0.52 y	37:24	2.54	329					83.6	
13C-2,3,4,6,7,8-HxCDF	8.09e+07	0.52 y	38:20	2.01	333					84.7	
13C-1,2,3,7,8,9-HxCDF	9.10e+07	0.52 y	39:46	2.03	371					94.5	
13C-1,2,3,4,6,7,8-HpCDF	4.44e+07	0.43 y	42:18	1.11	332					84.4	
13C-1,2,3,4,7,8,9-HpCDF	4.05e+07	0.44 y	45:06	0.80	418					106	
13C-OCDF	8.03e+07	1.00 y	50:07	1.08	615					78.3	
37Cl-2,3,7,8-TCDD	1.57e+07		27:25	0.69	141					89.8	
13C-1,2,3,4-TCDD	6.38e+07	0.82 y	26:49	-	27.9						
13C-1,2,3,4-TCDF	1.08e+08	0.88 y	25:33	-	29.3						
13C-1,2,3,7,8,9-HxCDD	4.74e+07	1.27 y	39:12	-	33.8						
Total Tetra-Dioxins	*		NotFnd	1.11	*		2.50	2010	2260	0.285	0
Total Penta-Dioxins	*		NotFnd	1.10	*		2.50	2520	1620	0.320	0
Total Hexa-Dioxins	9.14e+05		36:10	1.37	6.15		2.50	-	-	*	5
Total Hepta-Dioxins	6.51e+06		42:50	1.45	47.3		2.50	-	-	*	2
Total Tetra-Furans	1.13e+05		23:49	1.50	0.306	J	2.50	-	-	*	1
1st Fn. Tot Penta-Furans	1.26e+05		28:28	0.94	0.648	J	2.50	-	-	*	PeCDF 1
Total Penta-Furans	*		NotFnd	0.94	*	J	2.50	-	-	*	0.648 0
Total Hexa-Furans	1.19e+06		35:16	0.91	5.77		2.50	-	-	*	7
Total Hepta-Furans	3.68e+06		42:18	1.38	24.4		2.50	-	-	*	3

Analyst: 

Date: 10/1/10

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 13

File: 30SEP10M

S: 7 I: 1 F: 3

Acquired: 30-SEP-10 15:09:44

Total Concentration: 6.15

Unnamed Concentration: 4.558

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:10	1.24e+05	9.75e+04	1.27 y	2.21e+05	1.46	
37:05	4.28e+04	3.01e+04	1.42 y	7.29e+04	0.480	
37:31	2.31e+05	1.67e+05	1.38 y	3.98e+05	2.62	
38:47	7.60e+04	6.07e+04	1.25 y	1.37e+05	1.03	1,2,3,6,7,8-HxCDD
39:14	4.81e+04	3.70e+04	1.30 y	8.51e+04	0.564	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 13

File: 30SEP10M

S: 7 I: 1 F: 4

Acquired: 30-SEP-10 15:09:44

Total Concentration: 47.3

Unnamed Concentration: 22.895

RT	ml Resp	m2 Resp RA	Resp	Concentration	Name
42:50	1.54e+06	1.61e+06 0.95 y	3.15e+06	22.9	
44:12	1.66e+06	1.71e+06 0.97 y	3.36e+06	24.4	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 13

File: 30SEP10M

S: 7 I: 1 F: 1

Acquired: 30-SEP-10 15:09:44

Total Concentration: 0.306

Unnamed Concentration: 0.306

RT	ml Resp	m2 Resp RA	Resp	Concentration	Name
23:49	4.79e+04	6.49e+04	0.74 y	1.13e+05	0.306



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

Run: 13 File: 30SEP10M S: 7 I: 1 F: 1  
Acquired: 30-SEP-10 15:09:44

Total Concentration: 0.648 Unnamed Concentration: 0.648

RT	ml Resp	m2 Resp RA	Resp	Concentration	Name
28:28	7.30e+04	5.31e+04 1.38 y	1.26e+05	0.648	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 13

File: 30SEP10M

S: 7 I: 1 F: 3

Acquired: 30-SEP-10 15:09:44

Total Concentration: 5.77

Unnamed Concentration: 4.882

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:16	4.57e+04	3.57e+04	1.28 y	8.13e+04	0.392	
35:33	1.56e+05	1.28e+05	1.22 y	2.84e+05	1.37	
36:27	3.21e+05	2.62e+05	1.23 y	5.83e+05	2.81	
37:13	3.71e+04	2.95e+04	1.26 y	6.65e+04	0.330	1,2,3,4,7,8-HxCDF
37:25	2.36e+04	1.95e+04	1.21 y	4.32e+04	0.206	1,2,3,6,7,8-HxCDF
38:07	3.64e+04	2.65e+04	1.38 y	6.29e+04	0.303	
38:21	3.54e+04	3.15e+04	1.12 y	6.68e+04	0.353	2,3,4,6,7,8-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 13

File: 30SEP10M

S: 7 I: 1 F: 4

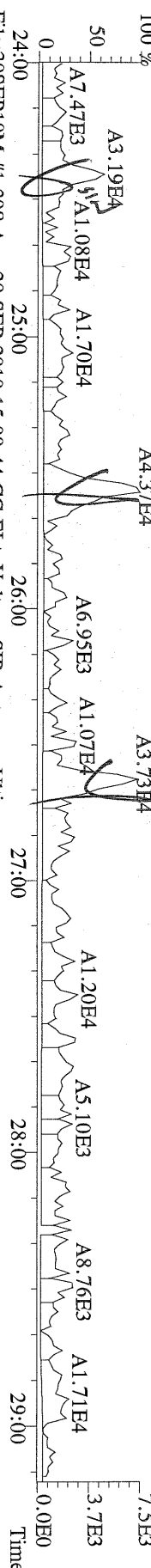
Acquired: 30-SEP-10 15:09:44

Total Concentration: 24.4

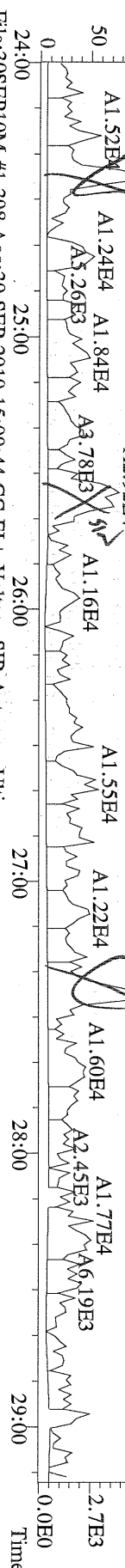
Unnamed Concentration: 16.488

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:18	5.99e+05	5.60e+05	1.07 y	1.16e+06	7.38	1,2,3,4,6,7,8-HpCDF
43:07	1.25e+06	1.20e+06	1.04 y	2.45e+06	16.5	
45:07	3.48e+04	3.47e+04	1.00 y	6.95e+04	0.498	1,2,3,4,7,8,9-HpCDF

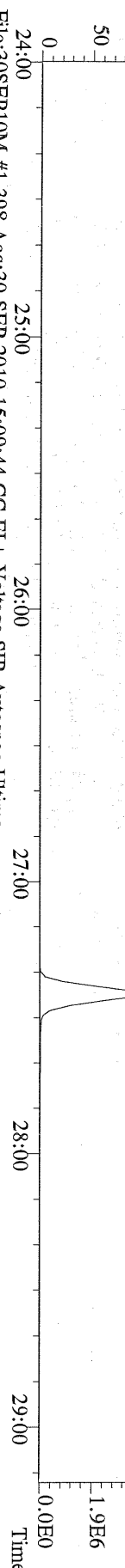
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319.8965 S:7 BSUB(10000,15,3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



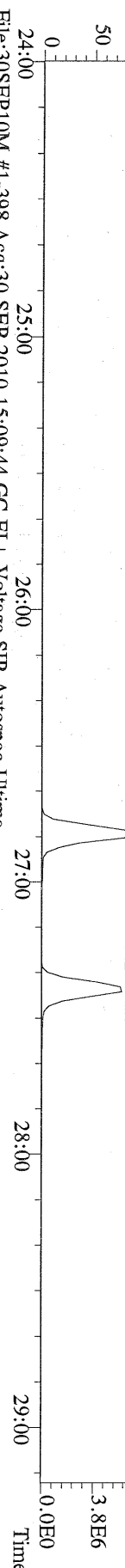
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321.8936 S:7 BSUB(10000,15,3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



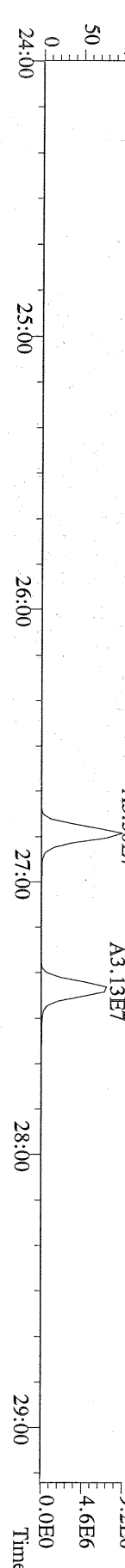
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327.8847 S:7 BSUB(10000,15,3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



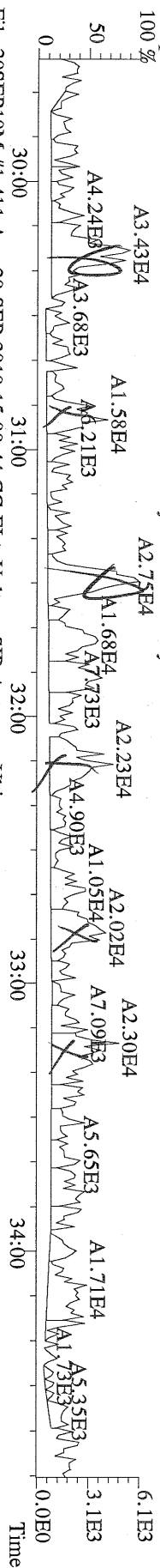
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331.9368 S:7 BSUB(10000,15,3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



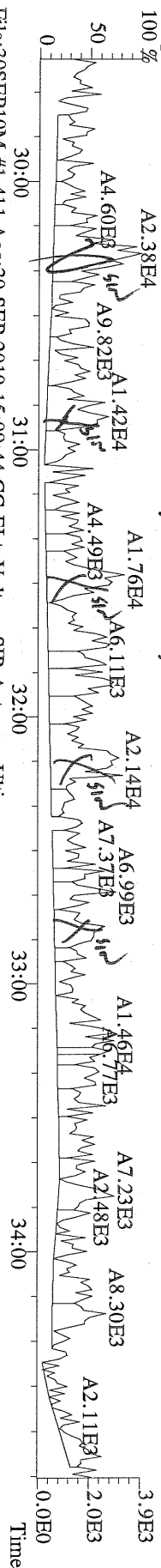
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333.9339 S:7 BSUB(10000,15,3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



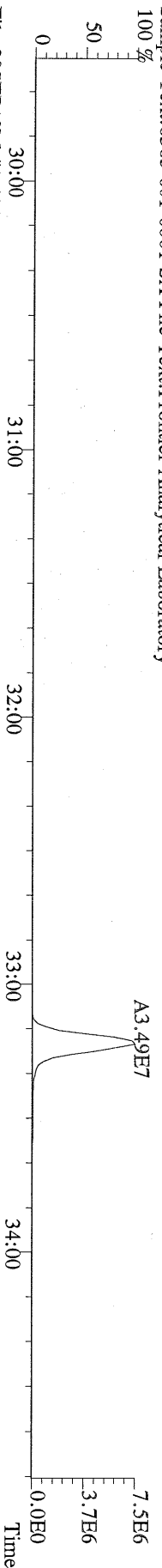
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355.8546 S:7 F:2 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



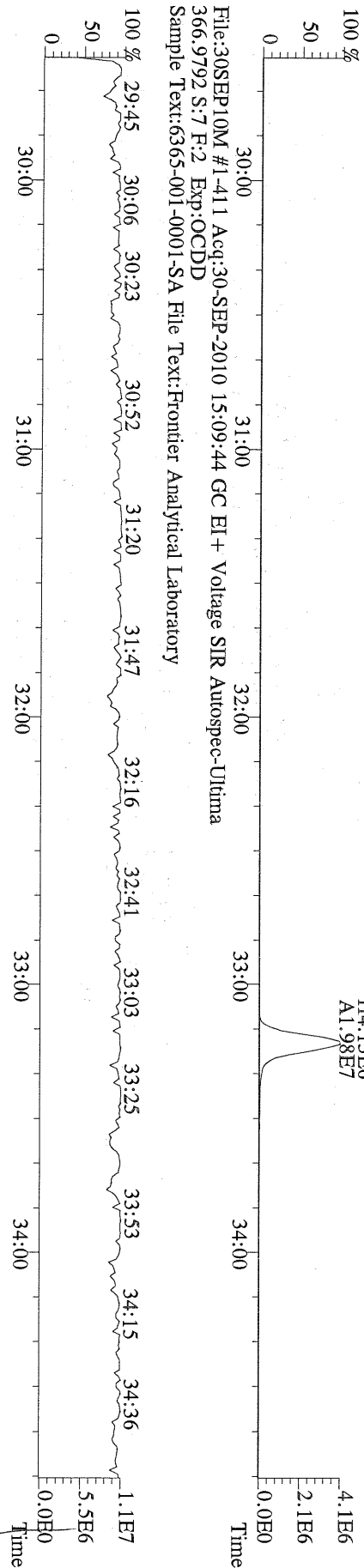
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357.8517 S:7 F:2 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



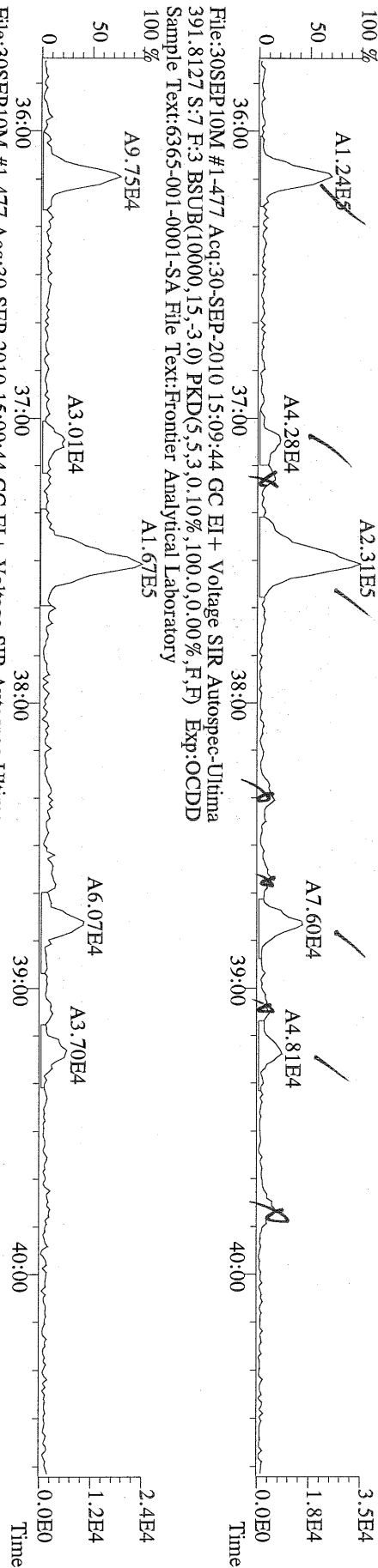
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367.8949 S:7 F:2 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



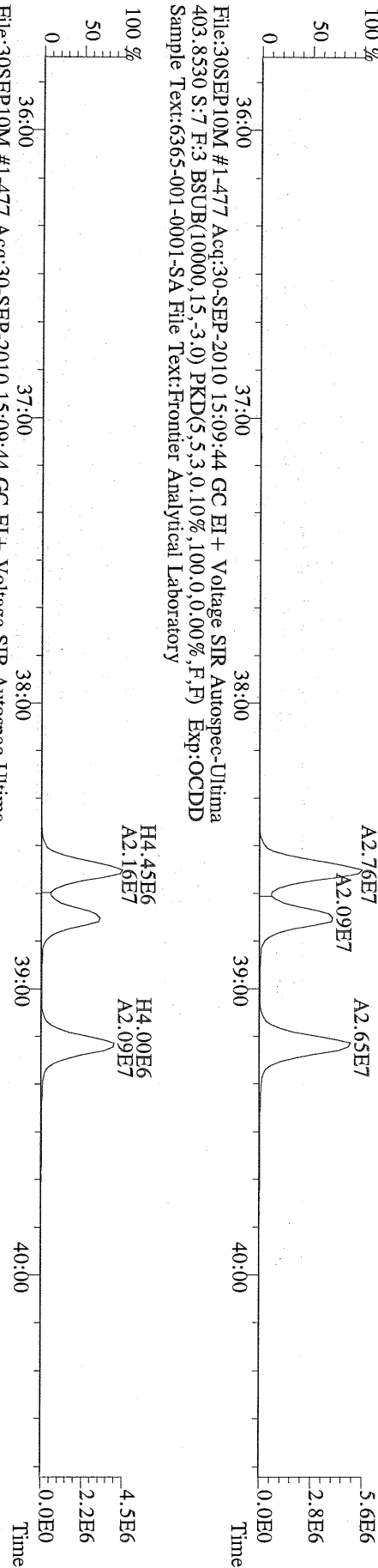
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366.9792 S:7 F:2 Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



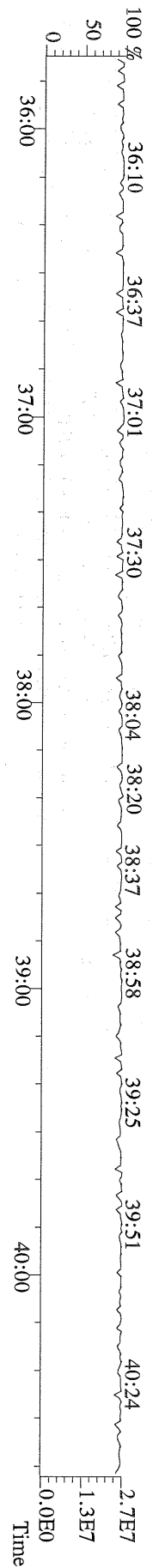
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389.8156 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



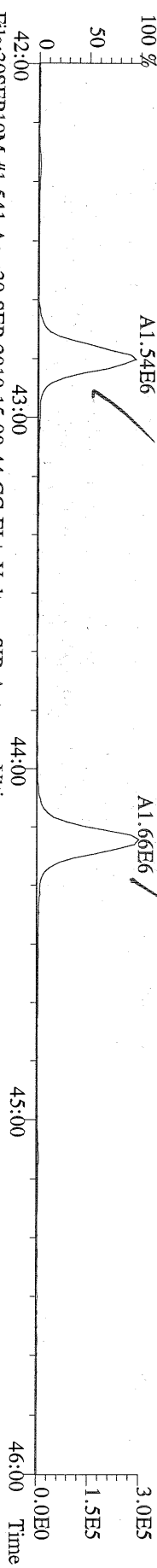
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401.8559 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



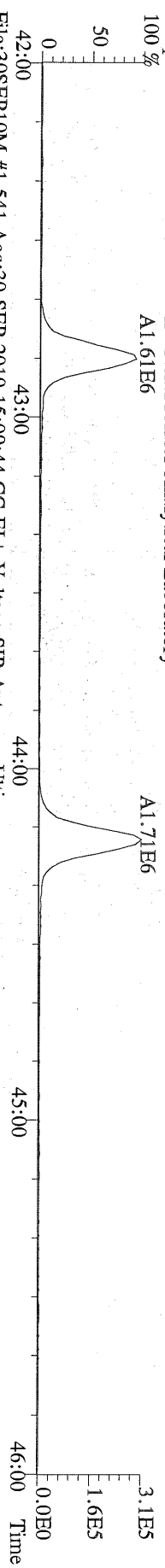
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380.9760 S:7 F:3 Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



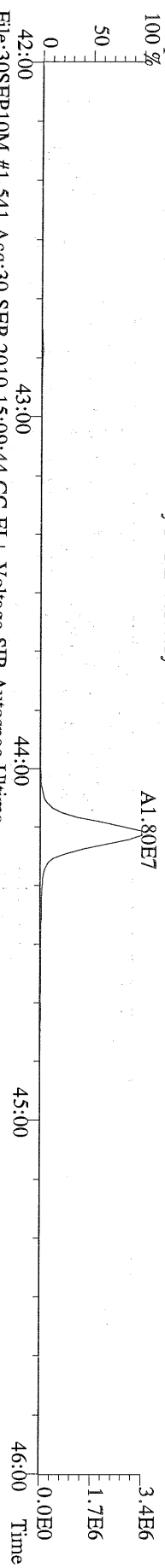
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423.7767 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



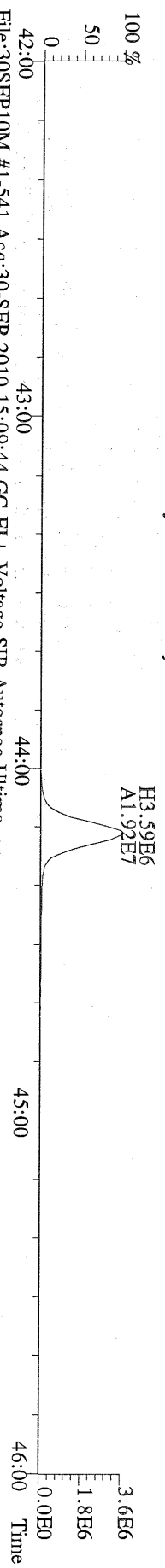
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425.7737 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
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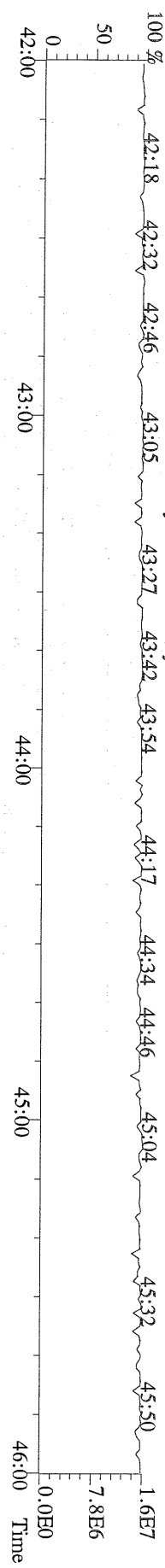
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435.8169 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
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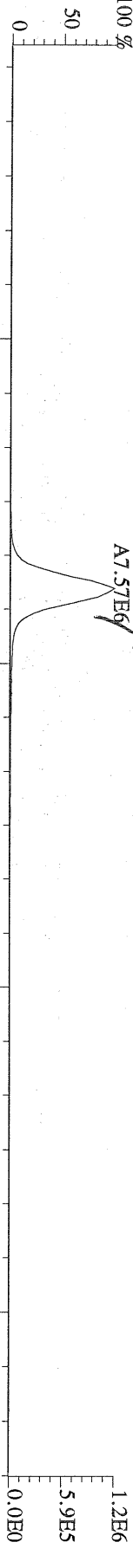
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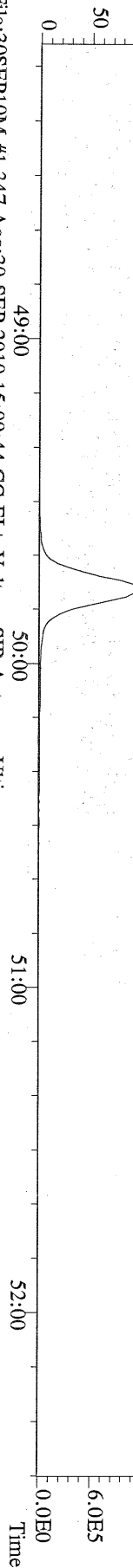
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430.9728 S:7 F:4 Exp:OCDD  
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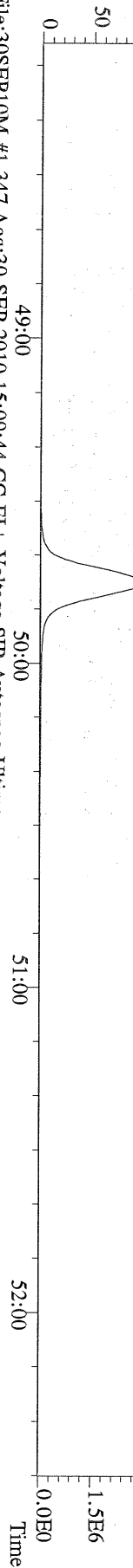
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457.7377 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
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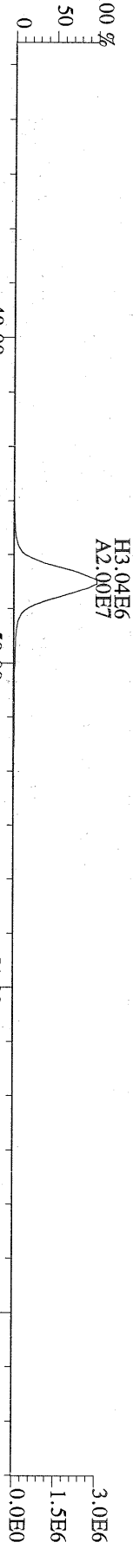
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459.7348 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



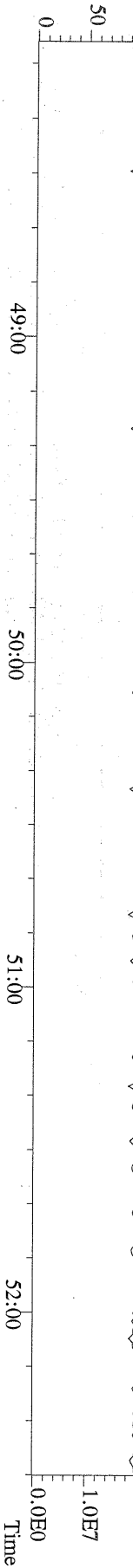
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469.7780 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-347 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
471.7750 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
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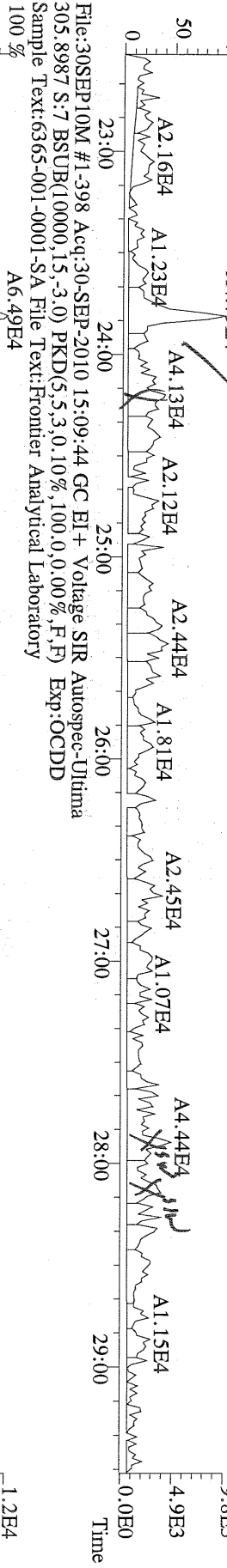


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Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory

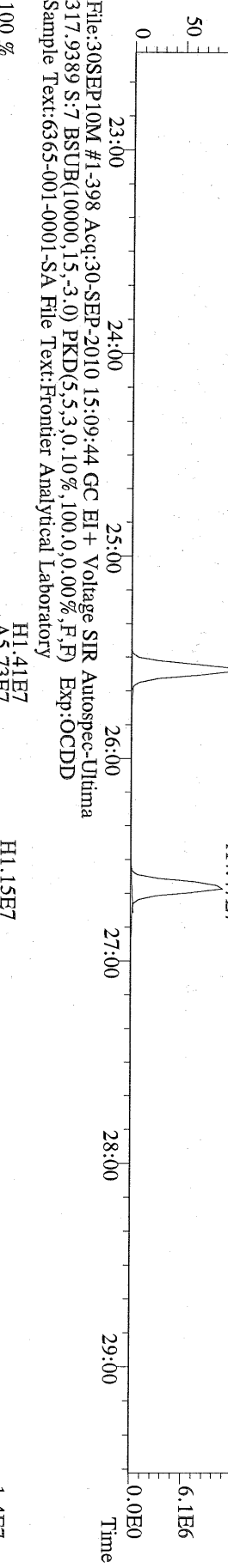




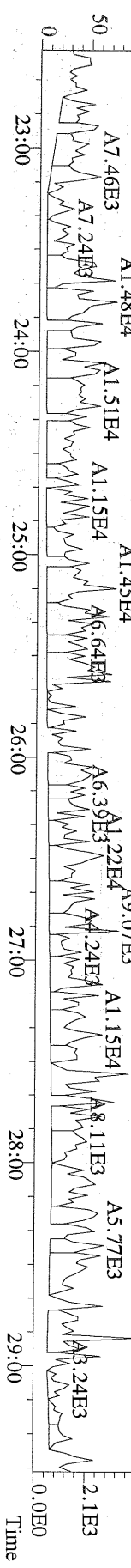
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 303.9016 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
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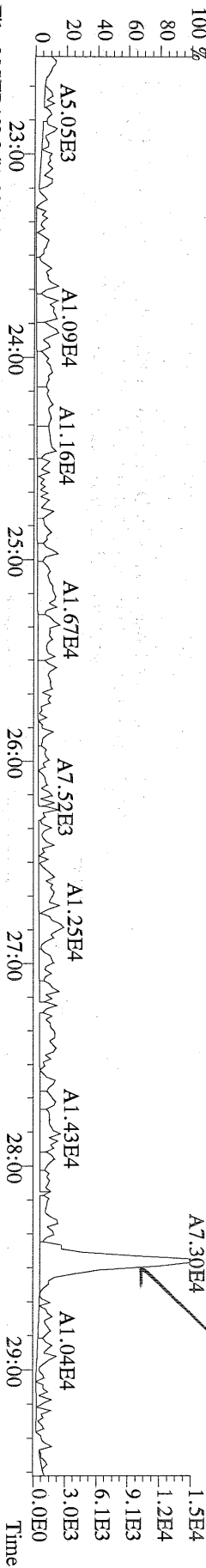
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 315.9419 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



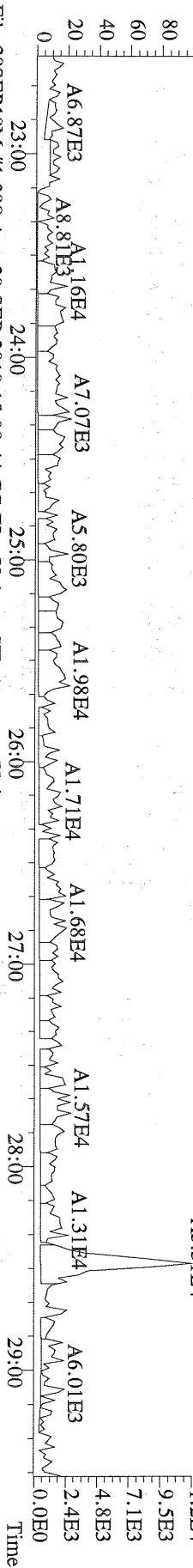
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 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



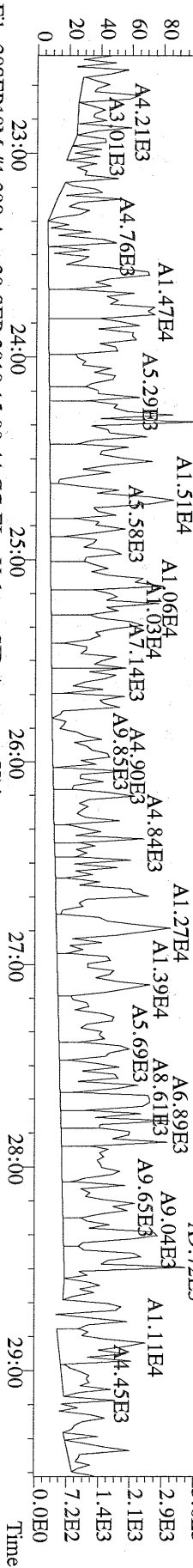
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 339.8597 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
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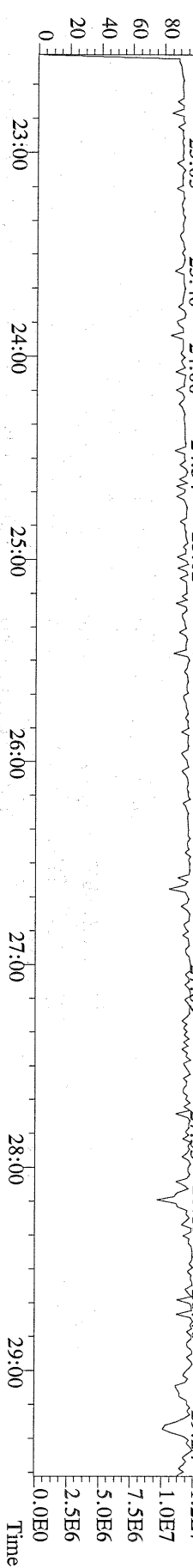
File:30SEP10M #1-398 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
 341.8568 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



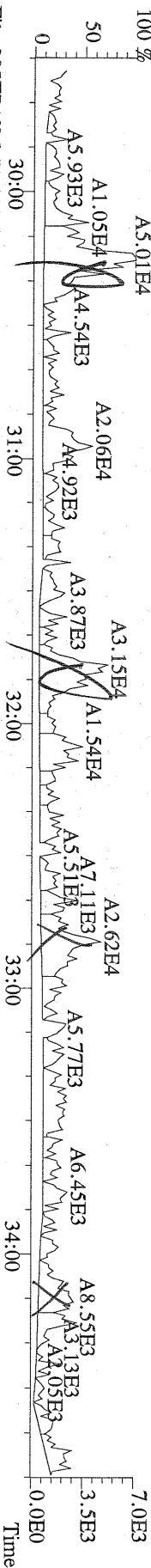
File:30SEP10M #1-398 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
 409.7974 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



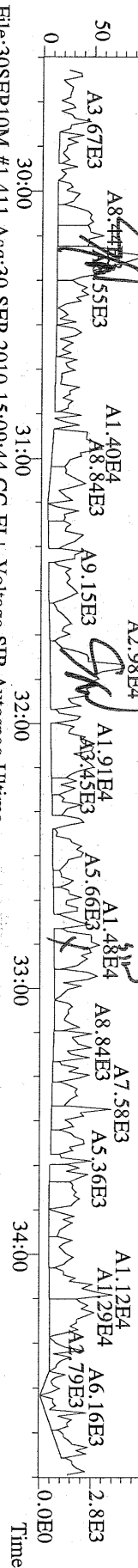
File:30SEP10M #1-398 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
 LOCK MASS CHECK S:7 Exp:OCDD  
 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



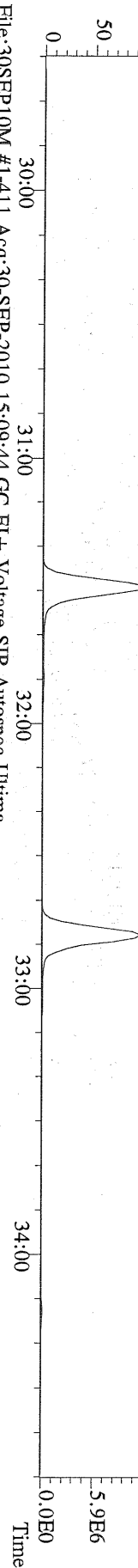
File:30SEP10M #1-411 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
339.8597 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



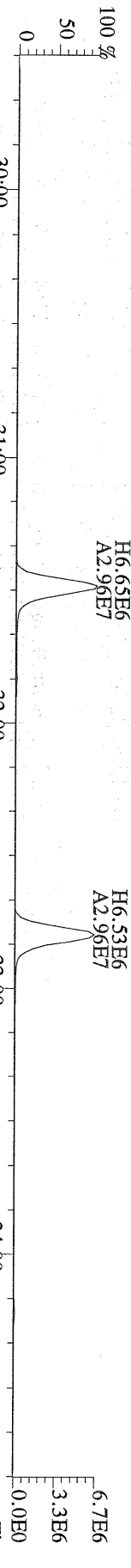
File:30SEP10M #1-411 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
341.8568 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



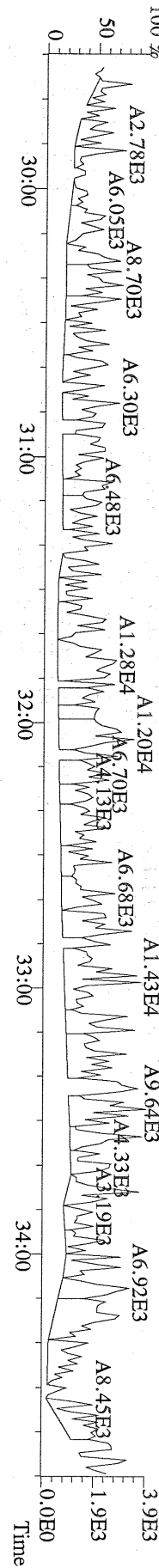
File:30SEP10M #1-411 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
351.9000 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



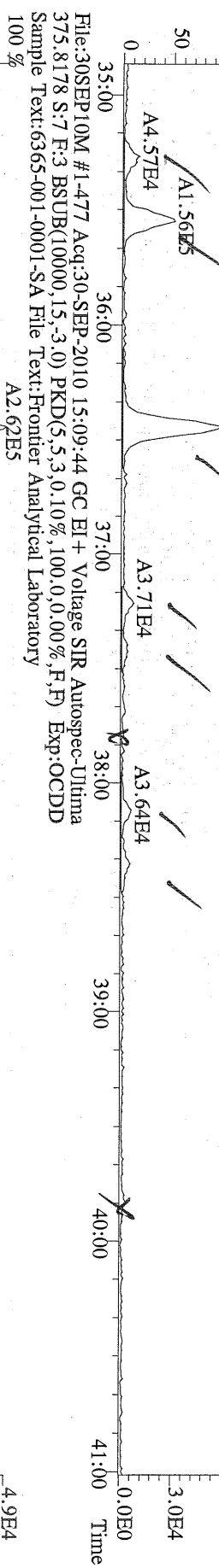
File:30SEP10M #1-411 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
353.8970 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



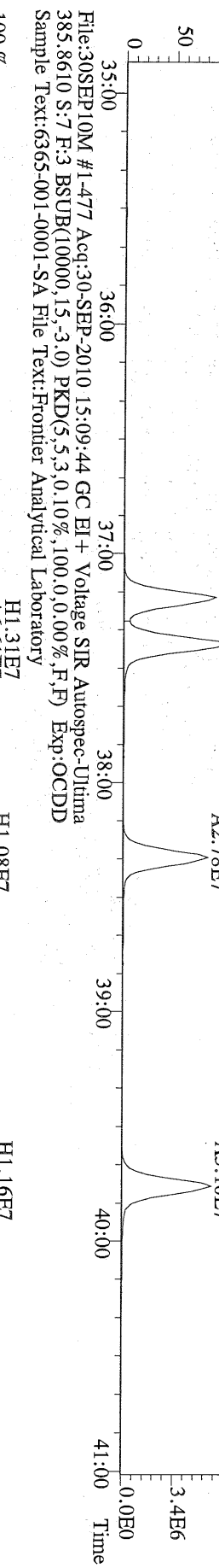
File:30SEP10M #1-411 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
409.7974 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



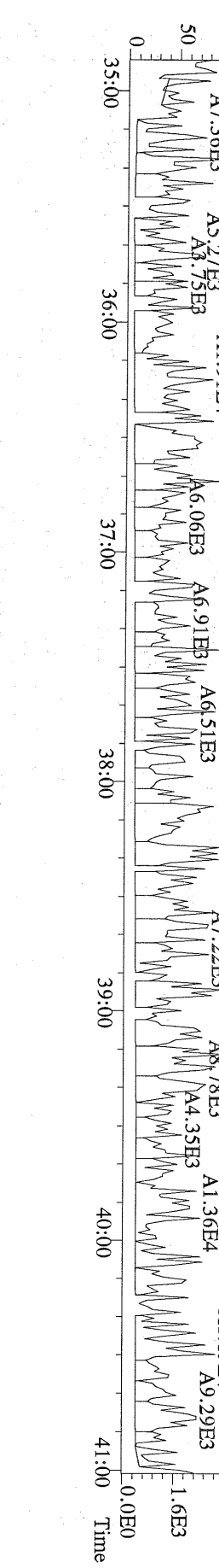
File:30SEP10M #1-477 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
 373.8207 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



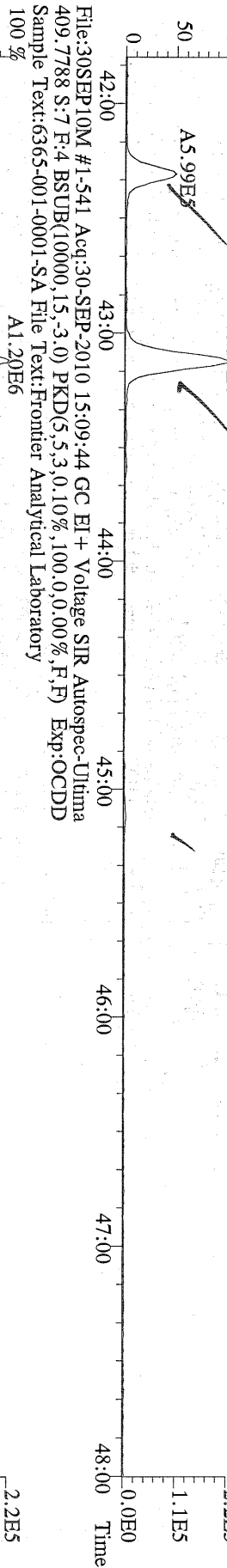
File:30SEP10M #1-477 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
 383.8639 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



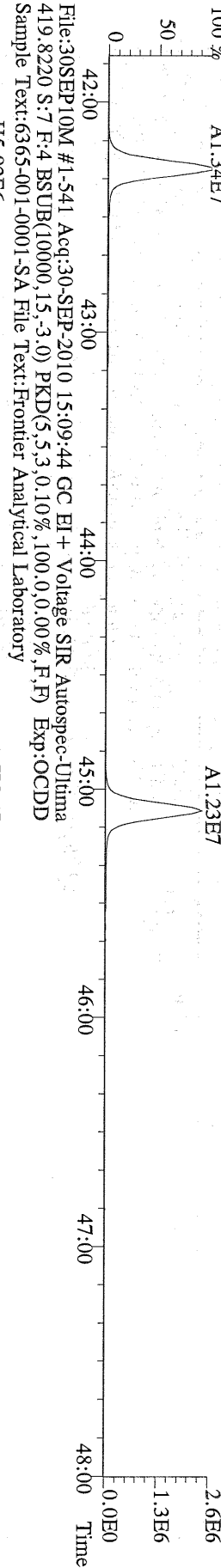
File:30SEP10M #1-477 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
 445.7555 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory



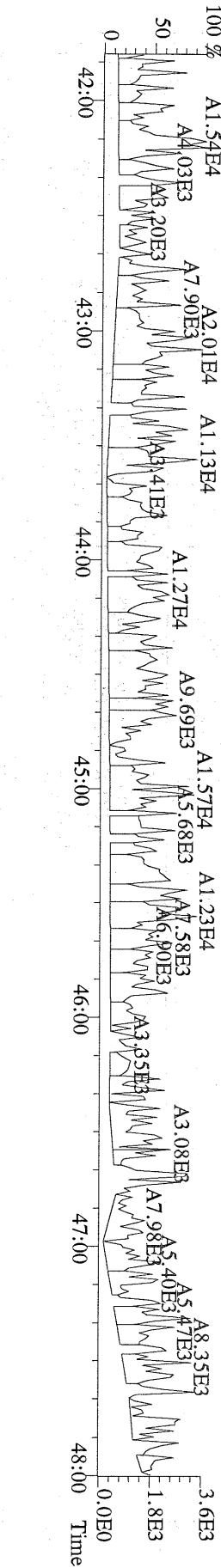
File:30SEP10M #1-541 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Utima  
 407.7818 S:7 F:4 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



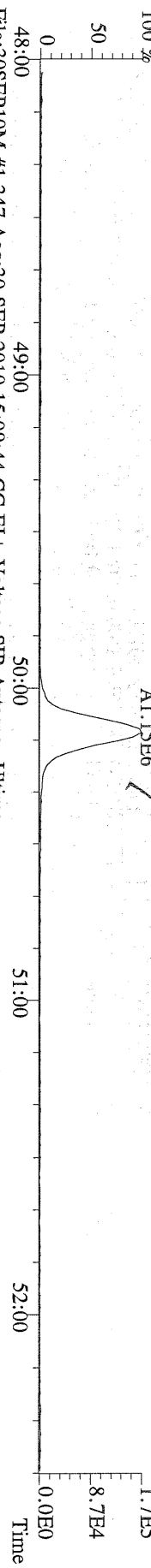
File:30SEP10M #1-541 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Utima  
 417.8253 S:7 F:4 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



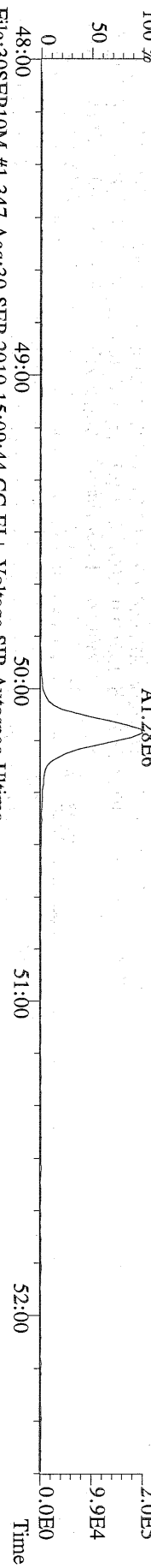
File:30SEP10M #1-541 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Utima  
 419.8220 S:7 F:4 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



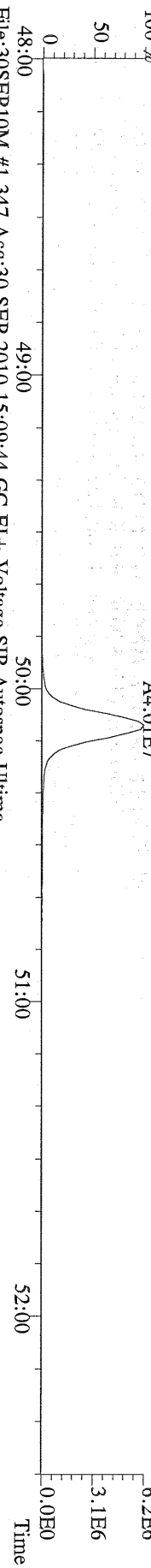
File:30SEP10M #1-347 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
 441.7428 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



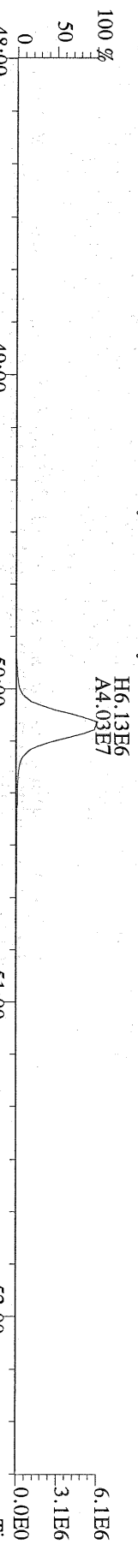
File:30SEP10M #1-347 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
 443.7398 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



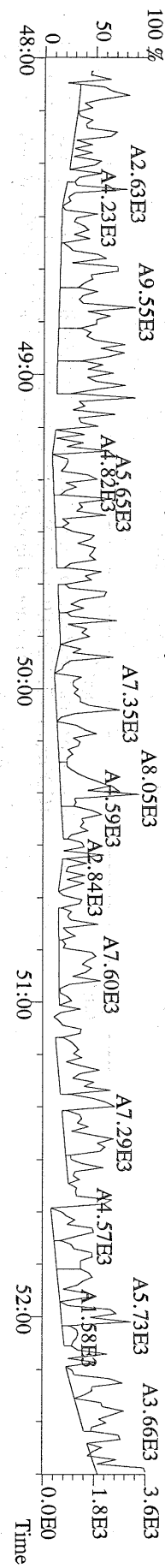
File:30SEP10M #1-347 Acq:30-SEP-2010 15:09:44 GC EI+ Voltage SIR Autospec-Ultima  
 453.7831 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-001-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



File:30SEP10M #1-347 Acq:30-SEP-2010 15:09:44 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:6365-001-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-347 Acq:30-SEP-2010 15:09:44 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:6365-001-0001-SA File Text:Frontier Analytical Laboratory



Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	Rec	#Hom
2,3,7,8-TCDD	1.41e+05	0.69 y	27:25	1.11	0.844	J	2.50	-	-	*	
1,2,3,7,8-PeCDD	2.14e+05	1.42 y	33:14	1.10	1.50	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDD	3.22e+05	1.32 y	38:36	1.37	2.05	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDD	1.96e+06	1.41 y	38:46	1.37	15.9		2.50	-	-	*	
1,2,3,7,8,9-HxCDD	8.13e+05	1.39 y	39:13	1.36	5.84		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	6.56e+07	0.97 y	44:12	1.45	496		2.50	-	-	*	
OCDD	4.85e+08	0.98 y	49:46	1.43	5510		2.50	-	-	*	
2,3,7,8-TCDF	2.44e+05	0.74 y	26:39	1.50	0.682	J	2.50	-	-	*	
1,2,3,7,8-PeCDF	1.02e+05	1.39 y	31:30	0.94	0.537	J	2.50	-	-	*	
2,3,4,7,8-PeCDF	2.82e+05	1.57 y	32:50	0.94	1.60	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDF	8.25e+05	1.18 y	37:13	0.93	4.41	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDF	4.89e+05	1.17 y	37:24	0.82	2.54	J	2.50	-	-	*	
2,3,4,6,7,8-HxCDF	5.34e+05	1.18 y	38:21	0.92	3.20	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDF	9.69e+04	1.36 y	39:50	1.00	0.466	J	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDF	2.25e+07	1.06 y	42:18	1.39	152		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	6.46e+05	1.14 y	45:06	1.36	4.97		2.50	-	-	*	
OCDF	6.18e+07	0.90 y	50:09	0.79	691		2.50	-	-	*	
13C-2,3,7,8-TCDD	5.95e+07	0.84 y	27:23	1.02	329					83.1	
13C-1,2,3,7,8-PeCDD	5.13e+07	1.76 y	33:13	0.84	345					87.0	
13C-1,2,3,4,7,8-HxCDD	4.53e+07	1.25 y	38:34	1.07	353					89.1	
13C-1,2,3,6,7,8-HxCDD	3.56e+07	1.26 y	38:44	1.01	294					74.1	
13C-1,2,3,4,6,7,8-HpCDD	3.60e+07	0.94 y	44:11	0.86	352					88.8	
13C-OCDD	4.86e+07	0.95 y	49:46	0.55	744					93.9	
13C-2,3,7,8-TCDF	9.44e+07	0.88 y	26:38	0.99	327					82.6	
13C-1,2,3,7,8-PeCDF	7.98e+07	1.77 y	31:29	0.84	328					82.9	
13C-2,3,4,7,8-PeCDF	7.46e+07	1.75 y	32:48	0.81	317					80.0	
13C-1,2,3,4,7,8-HxCDF	7.98e+07	0.52 y	37:12	1.85	360					90.9	
13C-1,2,3,6,7,8-HxCDF	9.26e+07	0.52 y	37:23	2.54	305					77.1	
13C-2,3,4,6,7,8-HxCDF	7.19e+07	0.52 y	38:19	2.01	298					75.3	
13C-1,2,3,7,8,9-HxCDF	8.26e+07	0.52 y	39:46	2.03	340					85.7	
13C-1,2,3,4,6,7,8-HpCDF	4.21e+07	0.44 y	42:17	1.11	317					80.0	
13C-1,2,3,4,7,8,9-HpCDF	3.80e+07	0.43 y	45:05	0.80	395					99.7	
13C-OCDF	9.01e+07	0.97 y	50:07	1.08	695					87.8	
37Cl-2,3,7,8-TCDD	1.60e+07		27:25	0.69	132					83.4	
13C-1,2,3,4-TCDD	7.00e+07	0.84 y	26:50	-	30.8						
13C-1,2,3,4-TCDF	1.15e+08	0.88 y	25:34	-	31.5						
13C-1,2,3,7,8,9-HxCDD	4.74e+07	1.26 y	39:12	-	34.1						
Total Tetra-Dioxins	8.88e+05		24:25	1.11	5.32		2.50	-	-	*	7
Total Penta-Dioxins	1.58e+06		30:16	1.10	11.1	M	2.50	-	-	*	9
Total Hexa-Dioxins	1.17e+07		36:09	1.37	85.6		2.50	-	-	*	8
Total Hepta-Dioxins	1.29e+08		42:49	1.45	975		2.50	-	-	*	2
Total Tetra-Furans	7.51e+06		23:04	1.50	21.0	D,M	2.50	-	-	*	21
1st Fn. Tot Penta-Furans	2.28e+06		28:28	0.94	12.4	D,M	2.50	-	-	*	PeCDF 1
Total Penta-Furans	3.76e+06		30:06	0.94	20.5	D,M	2.50	-	-	*	33.0 4/13/10/10
Total Hexa-Furans	1.93e+07		35:17	0.91	103	D,M	2.50	-	-	*	32.9 10
Total Hepta-Furans	7.51e+07		42:18	1.38	530		2.50	-	-	*	4

Analyst: 

Date: 10/1/10

Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 16

File: 30SEP10M

S: 8 I: 1 F: 1

Acquired: 30-SEP-10 16:05:10

Total Concentration: 5.32

Unnamed Concentration: 4.476

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:25	1.07e+05	1.36e+05	0.78 y	2.44e+05	1.46	
24:41	7.82e+04	9.91e+04	0.79 y	1.77e+05	1.06	
25:36	2.30e+04	3.33e+04	0.69 y	5.63e+04	0.337	
25:46	3.74e+04	4.75e+04	0.79 y	8.49e+04	0.509	
25:58	4.60e+04	6.21e+04	0.74 y	1.08e+05	0.647	
26:51	3.46e+04	4.28e+04	0.81 y	7.74e+04	0.463	
27:25	5.78e+04	8.31e+04	0.69 y	1.41e+05	0.844	2,3,7,8-TCDD



Totals class: Total Penta-Dioxins

Entry #: 39

Run: 16

File: 30SEP10M

S: 8 I: 1 F: 2

Acquired: 30-SEP-10 16:05:10

Total Concentration: 11.1

Unnamed Concentration: 9.603

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:16	2.44e+05	1.76e+05	1.39 y	4.20e+05	2.94	
30:53	4.95e+04	6.16e+04	0.80 n	8.14e+04	0.571	
31:30	1.18e+05	7.06e+04	1.68 y	1.89e+05	1.33	
31:43	1.45e+05	1.00e+05	1.44 y	2.45e+05	1.72	
31:52	9.12e+04	6.32e+04	1.44 y	1.54e+05	1.08	
32:10	8.28e+04	6.14e+04	1.35 y	1.44e+05	1.01	
32:38	4.54e+04	3.00e+04	1.51 y	7.54e+04	0.529	
33:14	1.26e+05	8.87e+04	1.42 y	2.14e+05	1.50	1,2,3,7,8-PeCDD
33:21	3.65e+04	2.36e+04	1.55 y	6.01e+04	0.421	

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 16 File: 30SEP10M  
Acquired: 30-SEP-10 16:05:10

S: 8 I: 1 F: 3

Total Concentration: 85.6

Unnamed Concentration: 61.796

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:09	1.69e+06	1.22e+06	1.38 y	2.91e+06	20.8	
37:05	3.32e+05	2.40e+05	1.39 y	5.71e+05	4.08	
37:31	2.87e+06	2.03e+06	1.41 y	4.90e+06	35.0	
37:42	5.24e+04	3.97e+04	1.32 y	9.20e+04	0.658	
38:36	1.83e+05	1.39e+05	1.32 y	3.22e+05	2.05	1,2,3,4,7,8-HxCDD
38:46	1.15e+06	8.15e+05	1.41 y	1.96e+06	15.9	1,2,3,6,7,8-HxCDD
39:05	8.78e+04	7.66e+04	1.15 y	1.64e+05	1.18	
39:13	4.73e+05	3.40e+05	1.39 y	8.13e+05	5.84	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 16

File: 30SEP10M

S: 8 I: 1 F: 4

Acquired: 30-SEP-10 16:05:10

Total Concentration: 975

Unnamed Concentration: 479.254

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:49	3.12e+07	3.22e+07	0.97 y	6.33e+07	479	
44:12	3.23e+07	3.33e+07	0.97 y	6.56e+07	496	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 16 File: 30SEP10M S: 8 I: 1 F: 1  
Acquired: 30-SEP-10 16:05:10

Total Concentration: 21.0

Unnamed Concentration: 20.286

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:04	6.87e+04	9.01e+04	0.76 y	1.59e+05	0.444	
23:26	9.27e+04	1.26e+05	0.74 y	2.18e+05	0.610	
23:49	4.45e+05	6.49e+05	0.69 y	1.09e+06	3.06	
24:12	2.36e+05	3.48e+05	0.68 y	5.83e+05	1.63	
24:27	2.22e+05	3.13e+05	0.71 y	5.35e+05	1.49	
24:44	2.47e+05	3.68e+05	0.67 y	6.15e+05	1.72	
24:59	7.07e+04	9.34e+04	0.76 y	1.64e+05	0.458	
25:21	1.25e+05	1.74e+05	0.72 y	2.99e+05	0.834	
25:27	2.58e+05	3.88e+05	0.67 y	6.46e+05	1.80	
25:35	9.72e+04	1.37e+05	0.71 y	2.34e+05	0.653	
25:49	1.10e+05	1.55e+05	0.71 y	2.65e+05	0.741	
25:56	1.16e+05	1.61e+05	0.72 y	2.77e+05	0.773	
26:10	6.25e+04	8.46e+04	0.74 y	1.47e+05	0.410	
26:18	5.04e+04	7.08e+04	0.71 y	1.21e+05	0.338	
26:30	9.27e+04	1.41e+05	0.66 y	2.34e+05	0.653	
26:39	1.04e+05	1.40e+05	0.74 y	2.44e+05	0.682	2,3,7,8-TCDF
26:59	1.58e+05	2.34e+05	0.67 y	3.92e+05	1.09	
27:23	4.09e+04	6.03e+04	0.68 y	1.01e+05	0.283	
27:54	1.84e+05	2.79e+05	0.66 y	4.63e+05	1.29	
28:06	2.02e+05	3.00e+05	0.67 y	5.02e+05	1.40	
28:29	8.80e+04	1.28e+05	0.69 y	2.16e+05	0.603	

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

Run: 16      File: 30SEP10M      S: 8 I: 1 F: 1  
Acquired: 30-SEP-10 16:05:10

Total Concentration: 12.4      Unnamed Concentration: 12.433

RT	ml Resp	m2 Resp RA	Resp	Concentration	Name
28:28	1.39e+06	8.89e+05	1.56 y	2.28e+06	12.4

Totals class: Total Penta-Furans

Entry #: 44

Run: 16

File: 30SEP10M

S: 8 I: 1 F: 2

Acquired: 30-SEP-10 16:05:10

Total Concentration: 20.5

Unnamed Concentration: 18.415

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:06	1.40e+05	9.18e+04	1.53 y	2.32e+05	1.27	
30:15	7.99e+05	5.62e+05	1.42 y	1.36e+06	7.43	
30:57	2.46e+05	1.75e+05	1.41 y	4.21e+05	2.30	
31:04	3.71e+04	2.71e+04	1.37 y	6.42e+04	0.351	
31:16	3.56e+04	2.55e+04	1.40 y	6.11e+04	0.334	
31:30	5.92e+04	4.26e+04	1.39 y	1.02e+05	0.537	1,2,3,7,8-PeCDF
31:48	3.87e+05	2.63e+05	1.47 y	6.50e+05	3.55	
32:05	7.58e+04	5.35e+04	1.42 y	1.29e+05	0.706	
32:41	6.47e+04	4.22e+04	1.53 y	1.07e+05	0.584	
32:50	1.72e+05	1.10e+05	1.57 y	2.82e+05	1.60	2,3,4,7,8-PeCDF
32:53	1.02e+05	7.51e+04	1.36 y	1.77e+05	0.966	
33:58	3.13e+04	2.27e+04	1.38 y	5.40e+04	0.295	
34:09	6.98e+04	4.57e+04	1.53 y	1.15e+05	0.631	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 16

File: 30SEP10M

S: 8 I: 1 F: 3

Acquired: 30-SEP-10 16:05:10

Total Concentration: 103

Unnamed Concentration: 92.533

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:17	7.18e+05	6.07e+05	1.18 y	1.32e+06	7.05	
35:32	2.79e+06	2.31e+06	1.21 y	5.10e+06	27.1	
36:09	9.37e+04	7.43e+04	1.26 y	1.68e+05	0.894	
36:27	5.55e+06	4.51e+06	1.23 y	1.01e+07	53.5	
37:03	8.05e+04	6.81e+04	1.18 y	1.49e+05	0.791	
37:13	4.46e+05	3.79e+05	1.18 y	8.25e+05	4.41	1,2,3,4,7,8-HxCDF
37:24	2.63e+05	2.25e+05	1.17 y	4.89e+05	2.54	1,2,3,6,7,8-HxCDF
38:07	3.21e+05	2.70e+05	1.19 y	5.92e+05	3.15	
38:21	2.89e+05	2.45e+05	1.18 y	5.34e+05	3.20	2,3,4,6,7,8-HxCDF
39:50	5.58e+04	4.11e+04	1.36 y	9.69e+04	0.466	1,2,3,7,8,9-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 16

File: 30SEP10M

S: 8 I: 1 F: 4

Acquired: 30-SEP-10 16:05:10

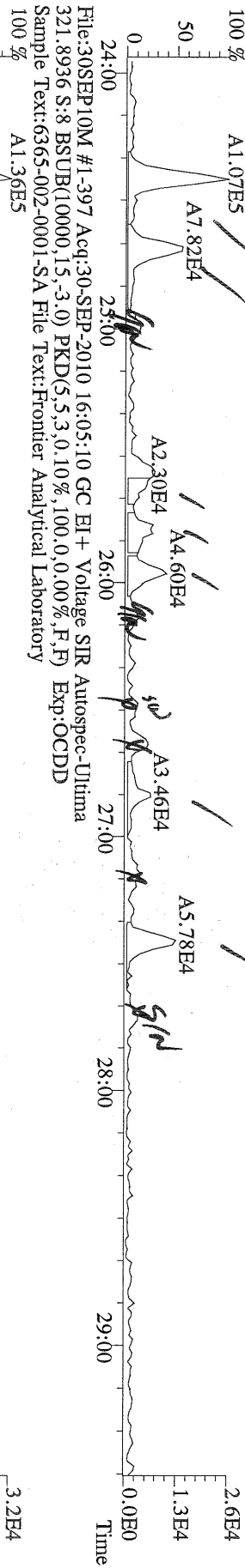
Total Concentration: 530

Unnamed Concentration: 372.898

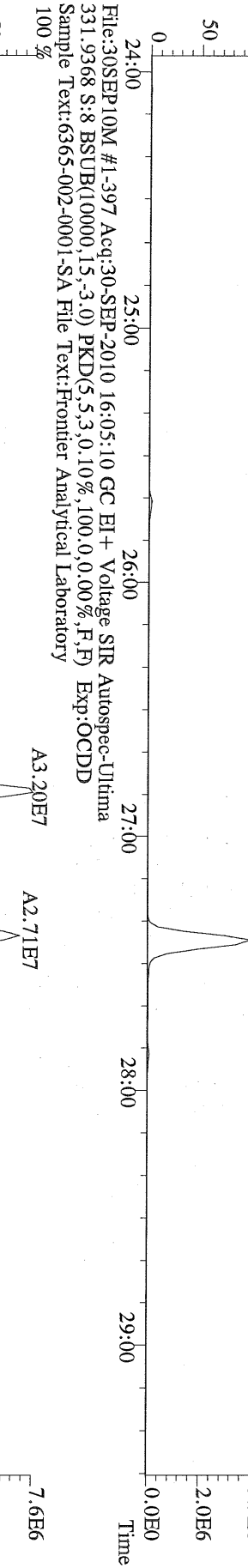
RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:18	1.16e+07	1.09e+07	1.06 y	2.25e+07	152	1,2,3,4,6,7,8-HpCDF
42:50	9.94e+04	9.57e+04	1.04 y	1.95e+05	1.40	
43:07	2.64e+07	2.53e+07	1.04 y	5.17e+07	371	
45:06	3.45e+05	3.01e+05	1.14 y	6.46e+05	4.97	1,2,3,4,7,8,9-HpCDF



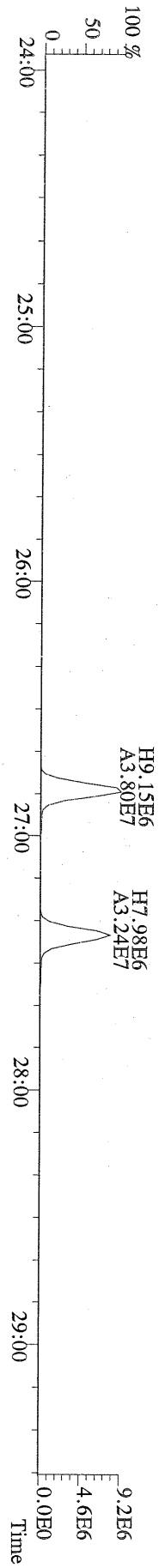
File:30SEP10M #1-397 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
319.8965 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



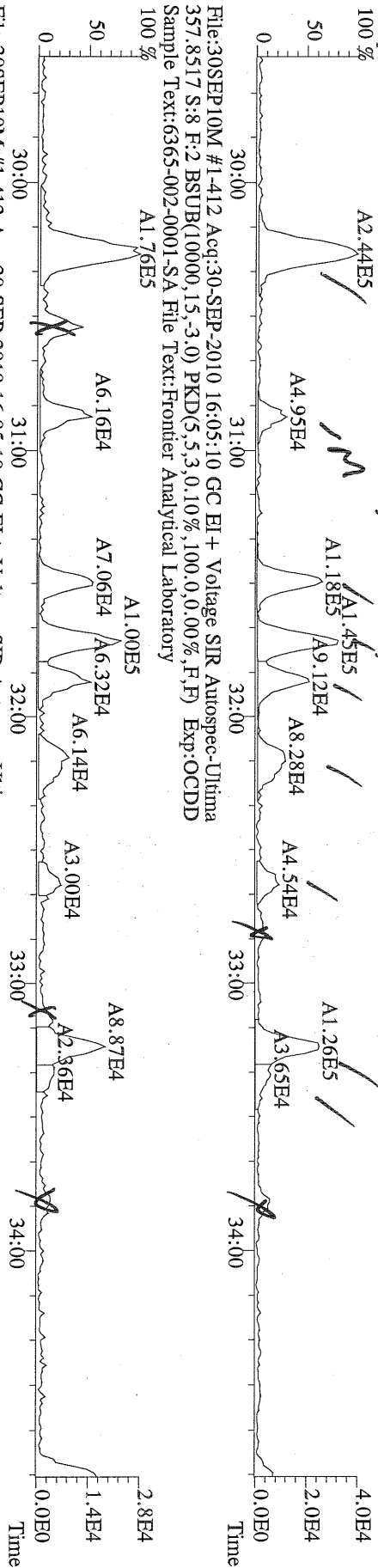
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327.8847 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



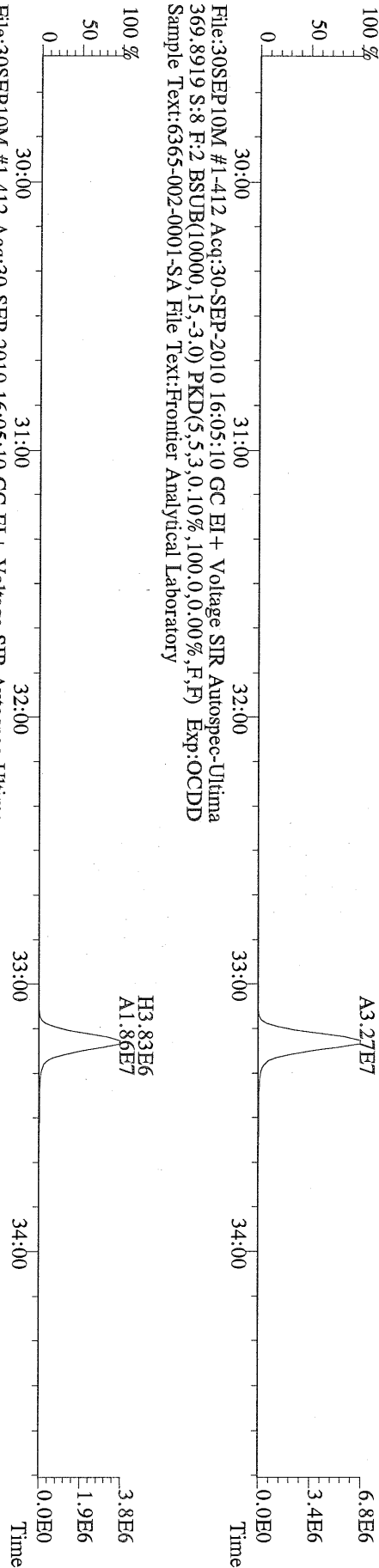
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333.9339 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



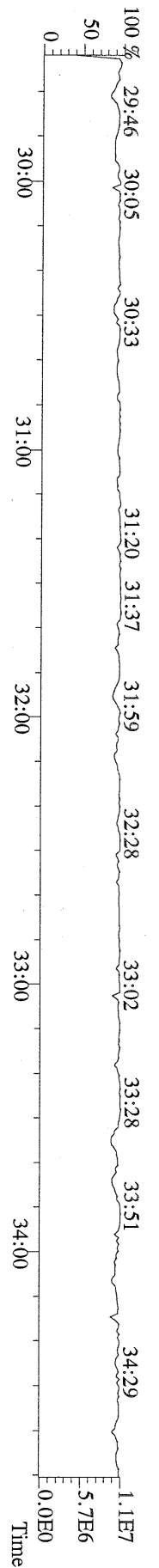
File:30SEP10M #1-412 Acq:30-SEP-2010 16:05:10 GC EI + Voltage SIR Autospec-Ultima  
355.8546 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



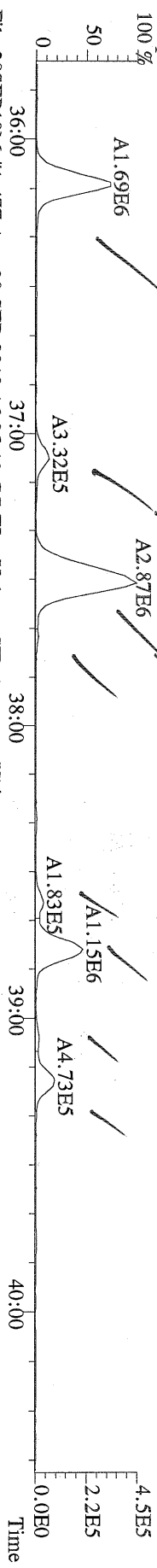
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367.8949 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



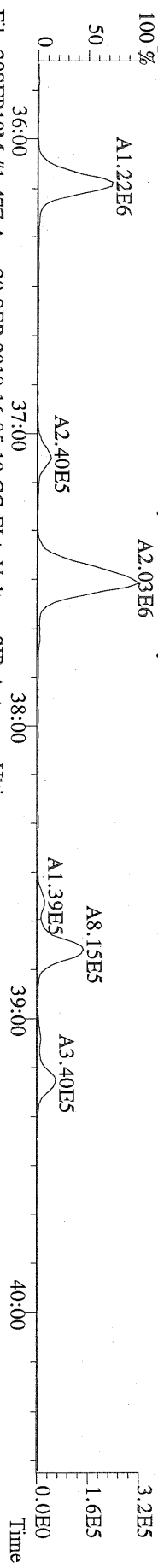
File:30SEP10M #1-412 Acq:30-SEP-2010 16:05:10 GC EI + Voltage SIR Autospec-Ultima  
LOCK MASS CHECK S:8 F:2 Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



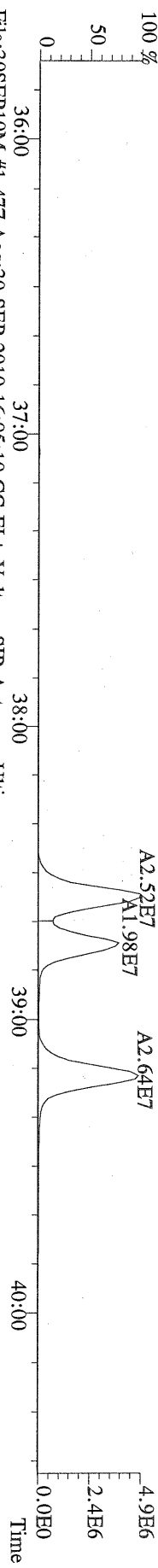
File:30SEP10M #1-477 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
389.8156 S:8 F:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



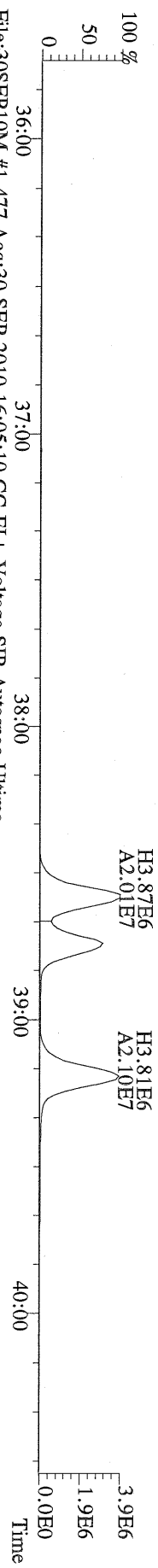
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391.8127 S:8 F:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



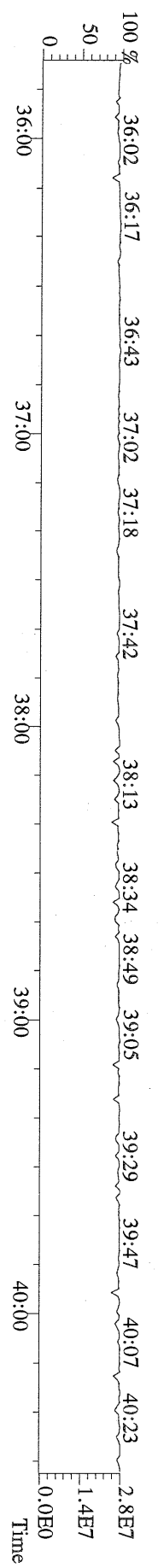
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401.8559 S:8 F:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



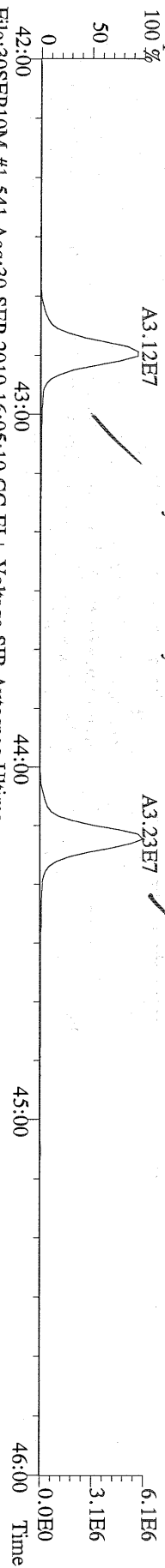
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403.8530 S:8 F:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



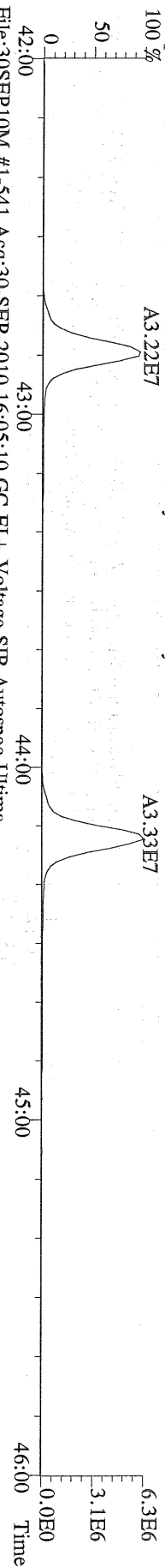
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380.9760 S:8 F:3 Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



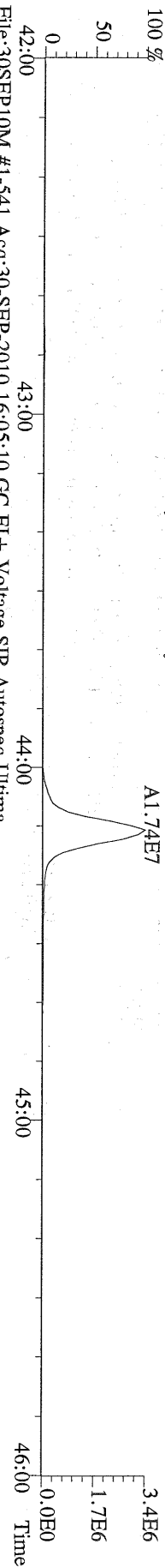
File:30SEP10M #1-541 Acq:30-SEP-2010 16:05:10 GC EI + Voltage SIR Autospec-Ultima  
423.7767 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



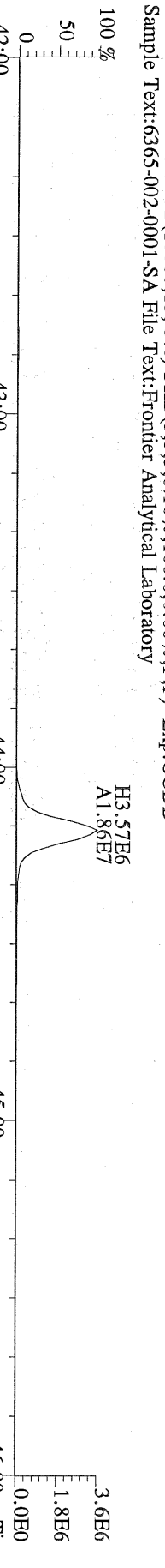
File:30SEP10M #1-541 Acq:30-SEP-2010 16:05:10 GC EI + Voltage SIR Autospec-Ultima  
425.7737 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



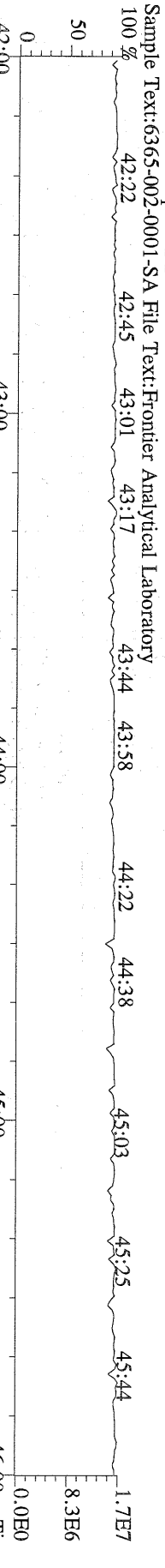
File:30SEP10M #1-541 Acq:30-SEP-2010 16:05:10 GC EI + Voltage SIR Autospec-Ultima  
435.8169 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



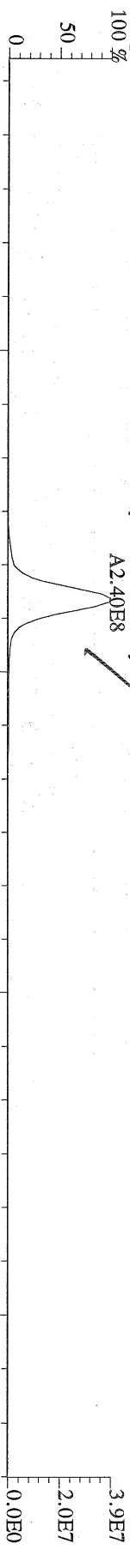
File:30SEP10M #1-541 Acq:30-SEP-2010 16:05:10 GC EI + Voltage SIR Autospec-Ultima  
437.8140 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



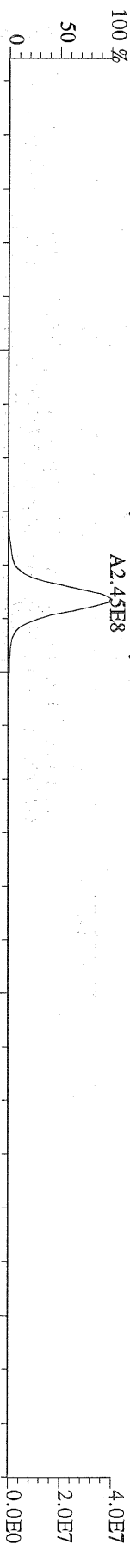
File:30SEP10M #1-541 Acq:30-SEP-2010 16:05:10 GC EI + Voltage SIR Autospec-Ultima  
430.9728 S:8 F:4 Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



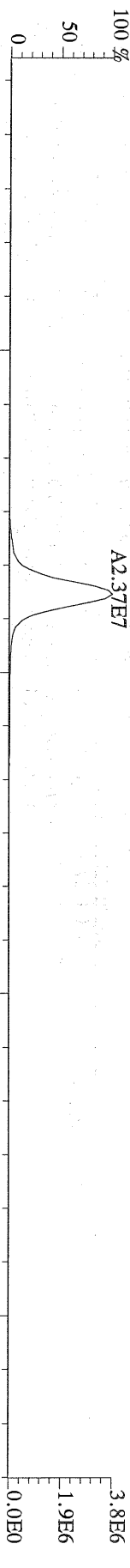
File:30SEP10M #1-347 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
457.7377 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



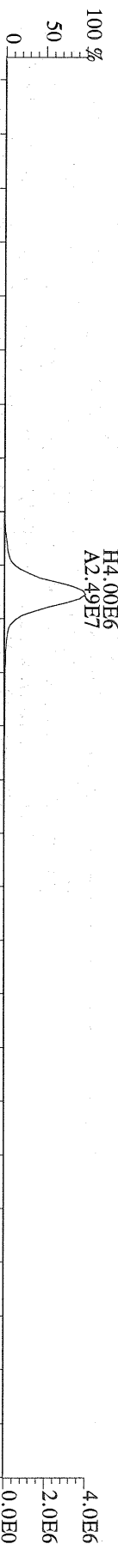
File:30SEP10M #1-347 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
459.7348 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



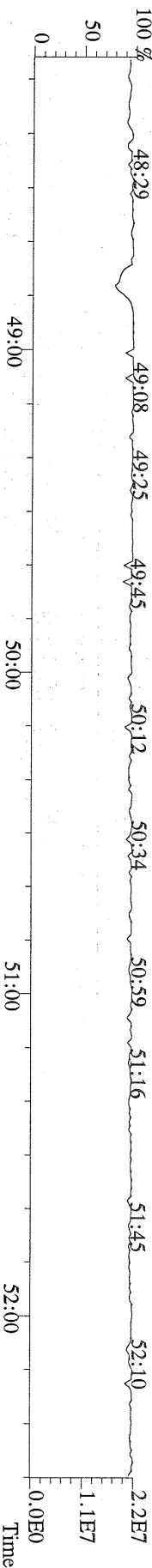
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469.7780 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



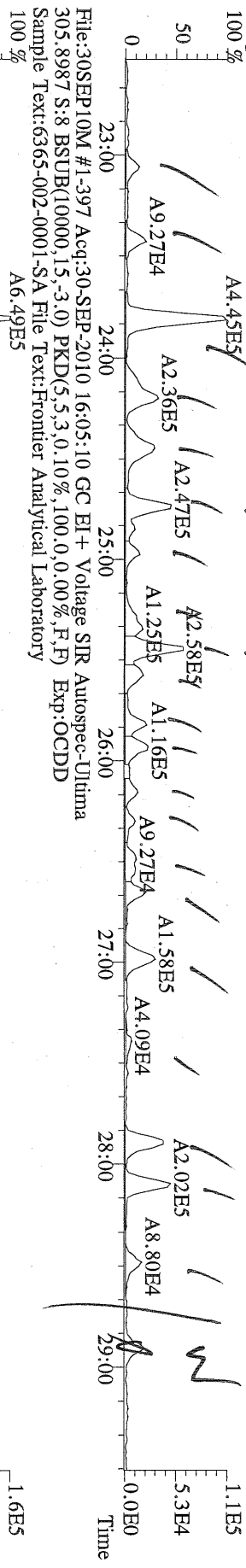
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471.7750 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



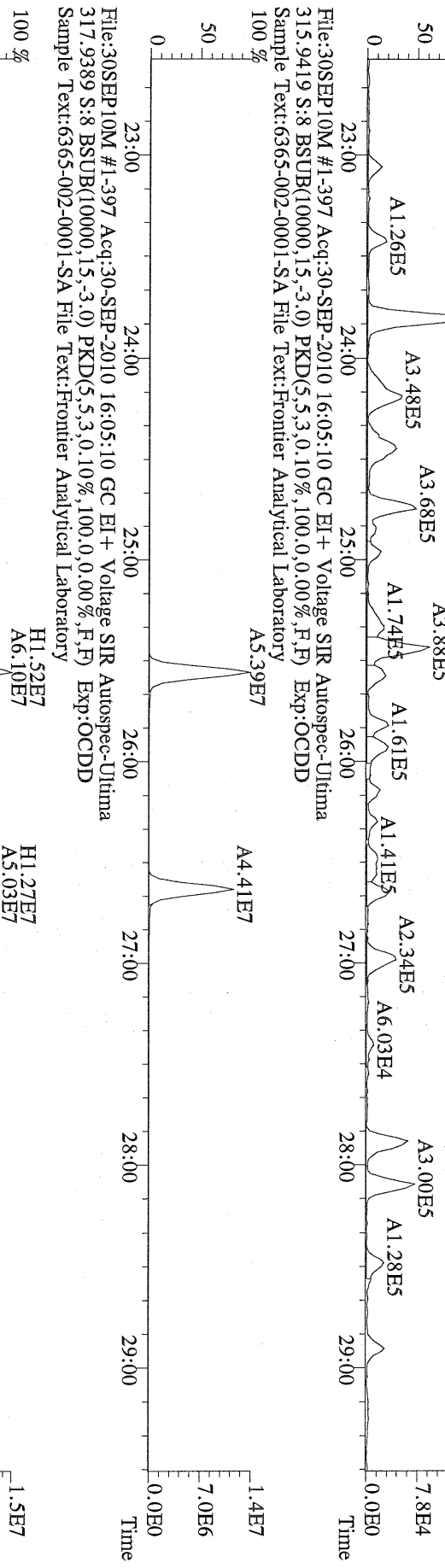
File:30SEP10M #1-347 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
454.9728 S:8 F:5 Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



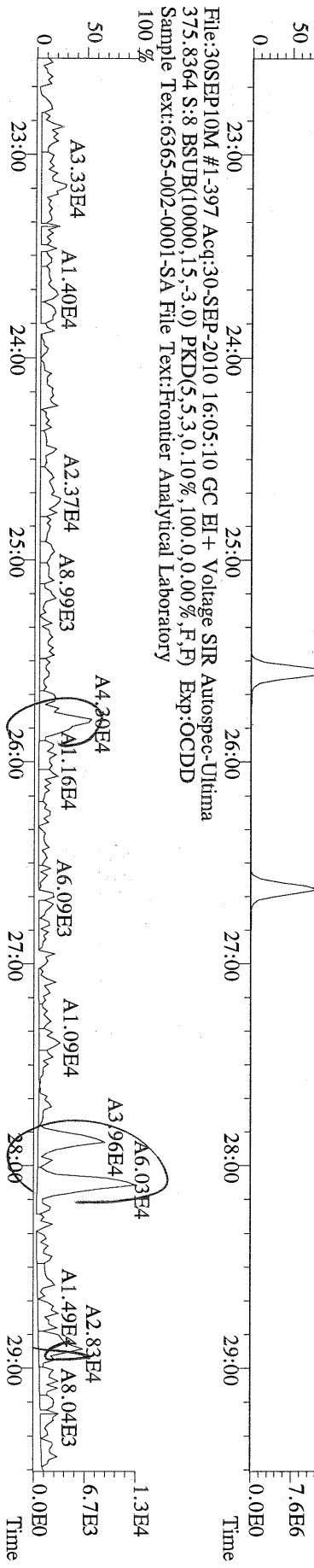
File:30SEP10M #1-397 Acq:30-SEP-2010 16:05:10 GC EI + Voltage SIR Autospec-Utima  
303.9016 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
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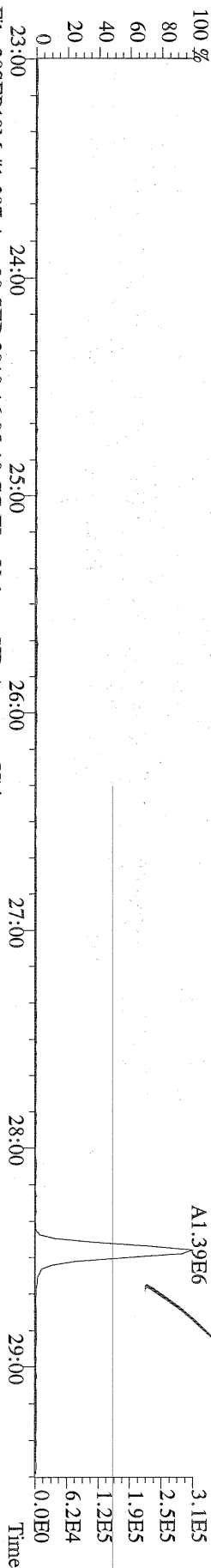
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315.9419 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



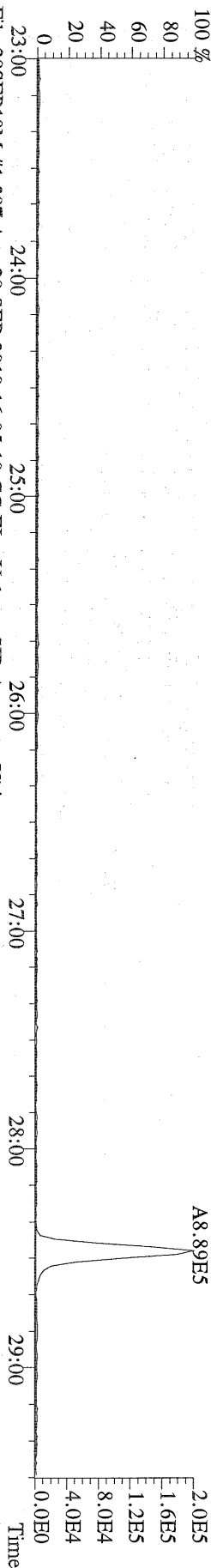
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375.8364 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



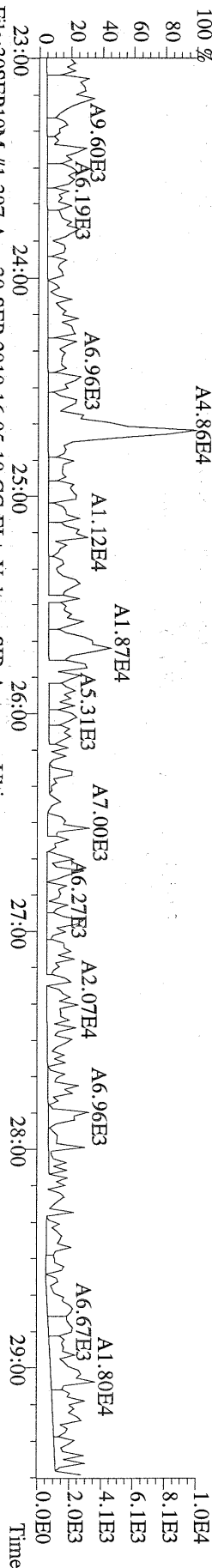
File:30SEP10M #1-397 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
 339.8597 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



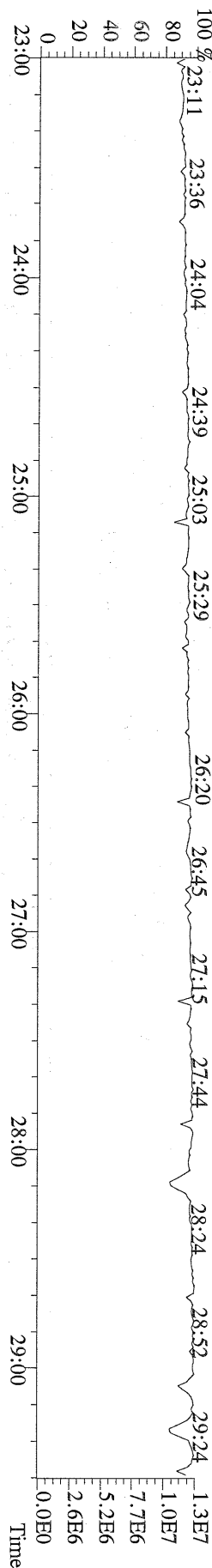
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 341.8568 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



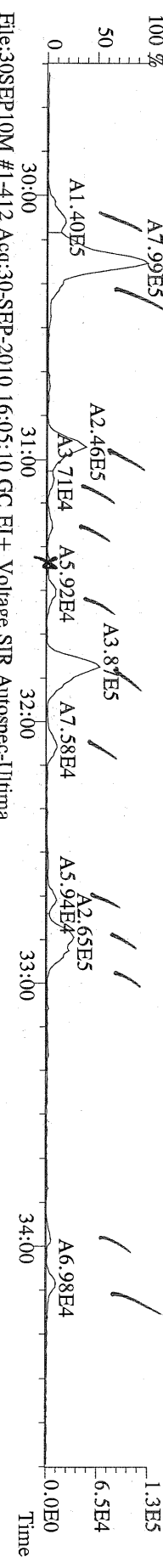
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 409.7974 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



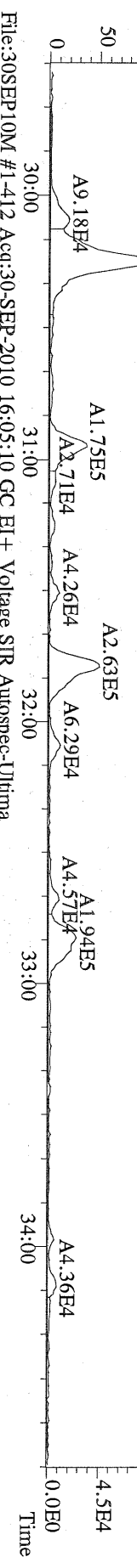
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 316.9824 S:8 Exp:OCDD  
 Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



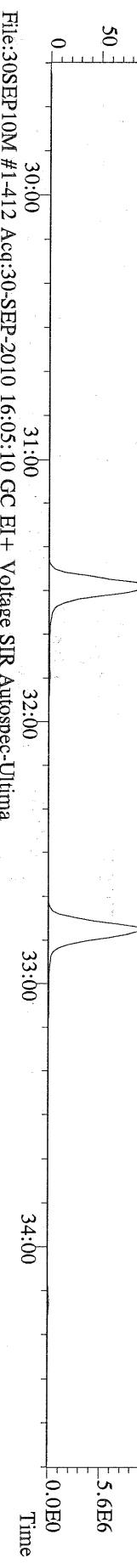
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 339.8597 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



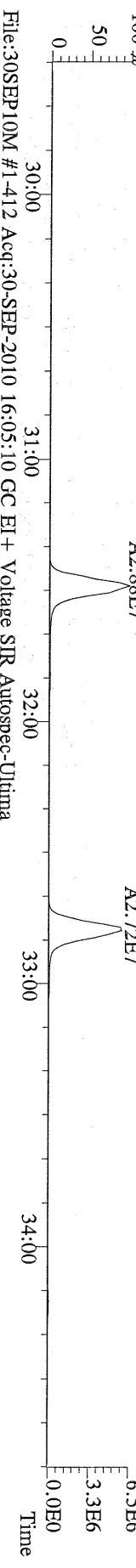
File:30SEP10M #1-412 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
 341.8568 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



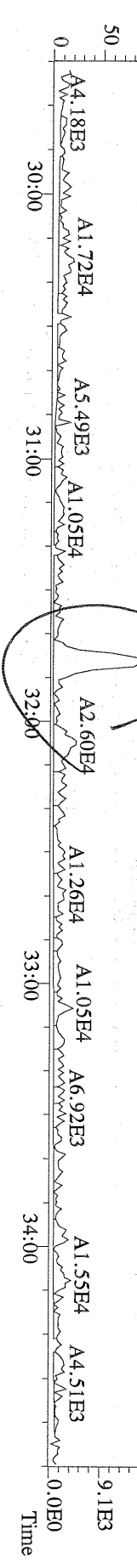
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 351.9000 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-412 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
 353.8970 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
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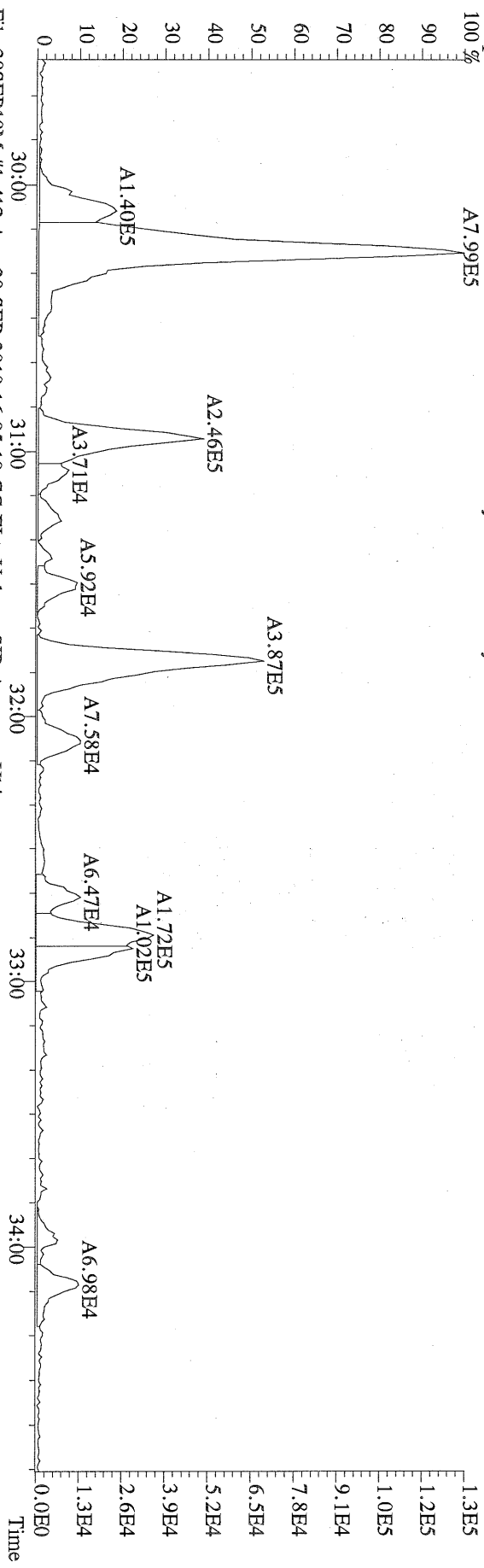


File:30SEP10M #1-412 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
 409.7974 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory

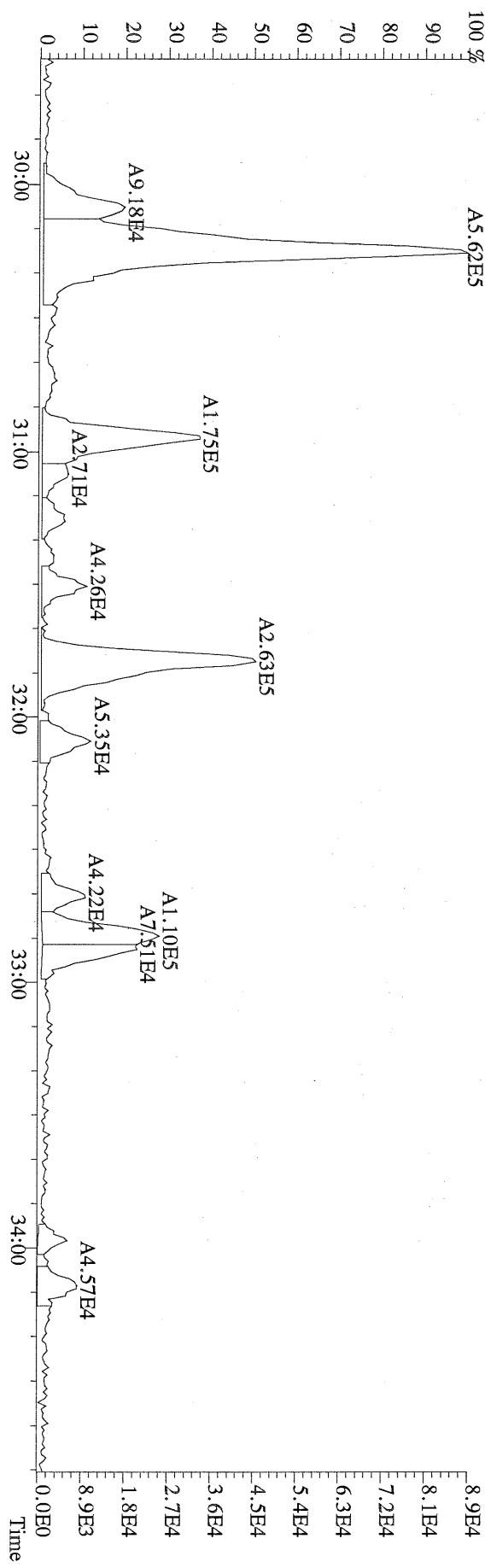




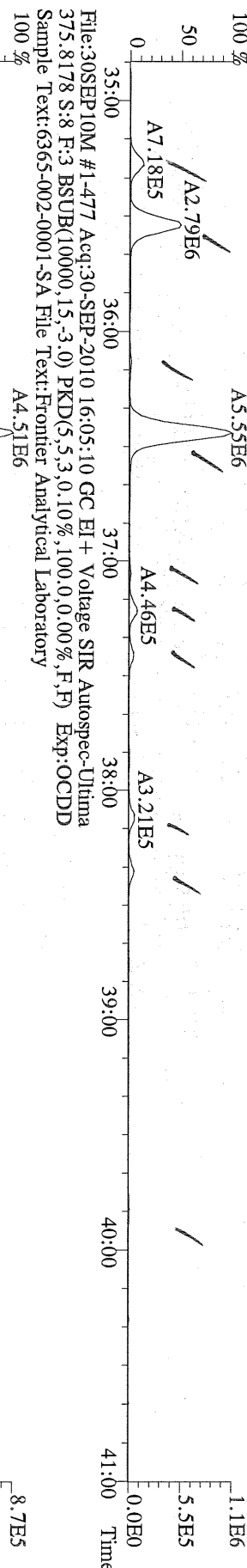
File:30SEP10M #1-412 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
 339.8597 S:8 F:2 BSUB(10000,15,-3.0) Exp:OCDD  
 Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



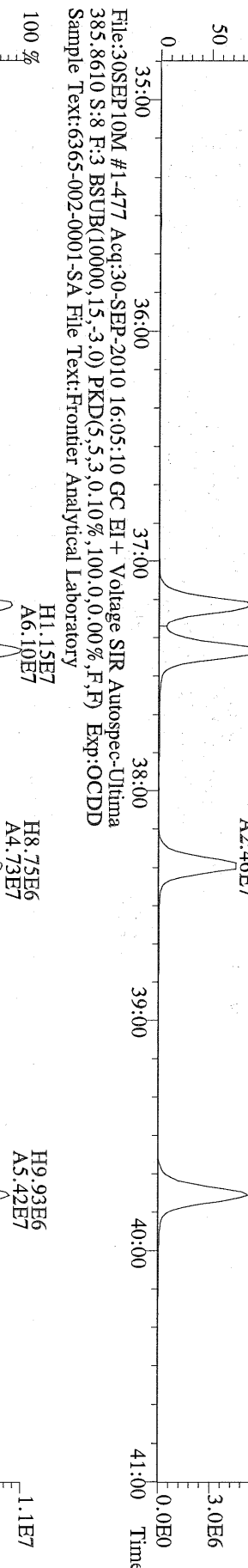
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 341.8568 S:8 F:2 BSUB(10000,15,-3.0) Exp:OCDD  
 Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



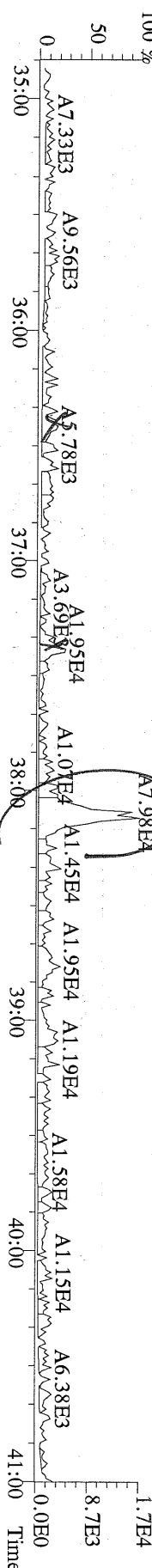
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 373.8207 S:8 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



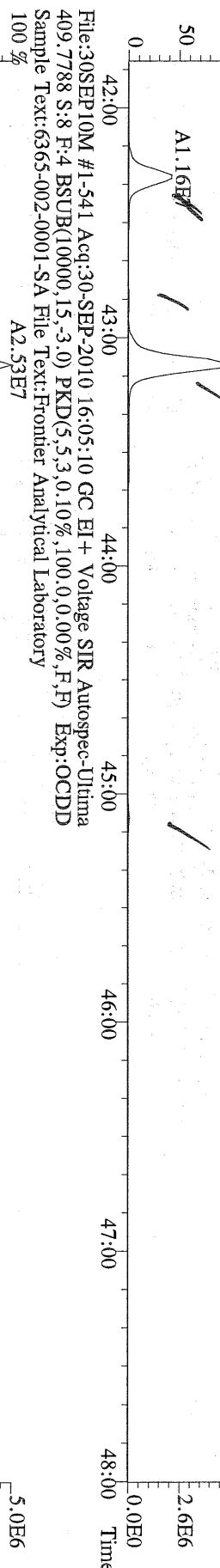
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 383.8639 S:8 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



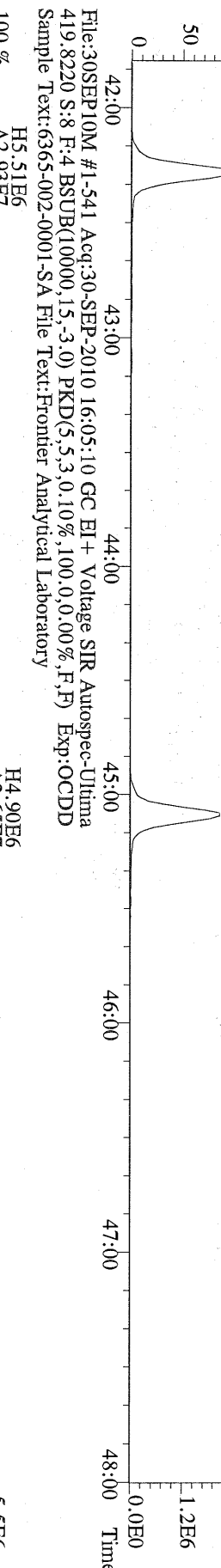
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 445.7555 S:8 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



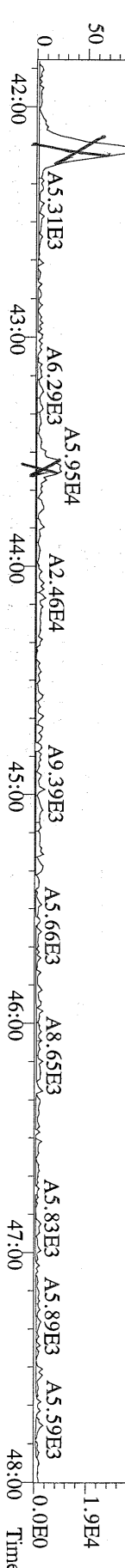
File:30SEP10M #1-541 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
407.7818 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory  
100 %



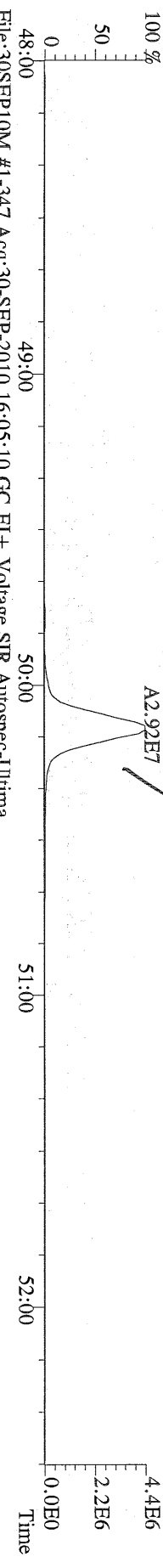
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417.8253 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory  
100 %



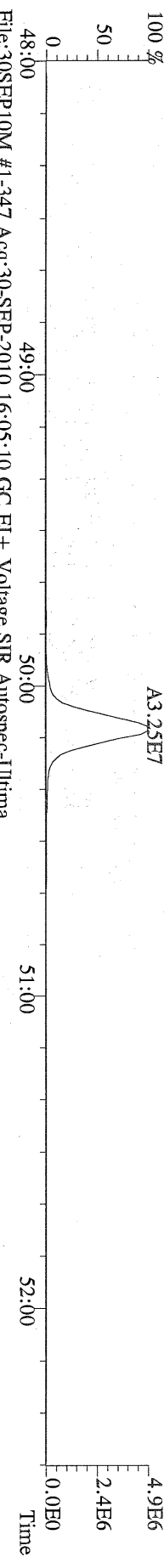
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479.7165 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory  
100 %



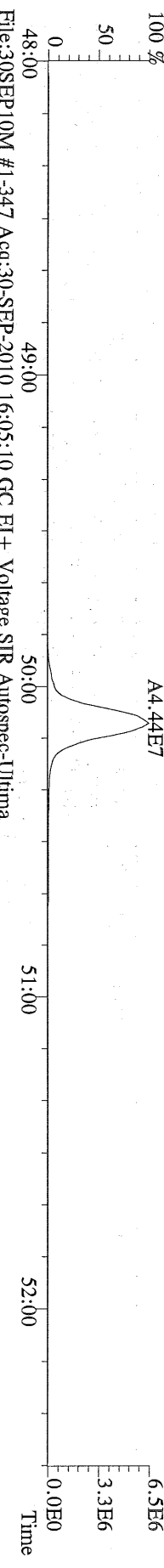
File:30SEP10M #1-347 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
441.7428 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



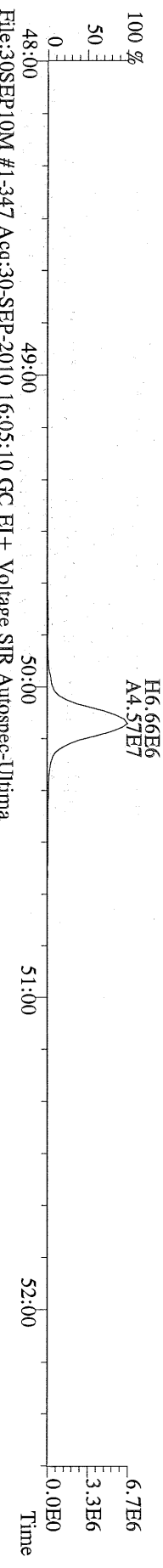
File:30SEP10M #1-347 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
443.7398 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



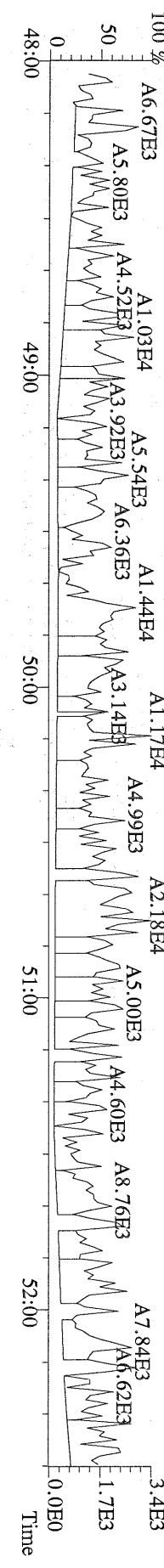
File:30SEP10M #1-347 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
453.7831 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-347 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
455.7801 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-347 Acq:30-SEP-2010 16:05:10 GC EI+ Voltage SIR Autospec-Ultima  
513.6775 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-002-0001-SA File Text:Frontier Analytical Laboratory



Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	Rec	#Hom
2,3,7,8-TCDD	*	* n	NotFnd	1.11	*		2.50	798	945	0.572	
1,2,3,7,8-PeCDD	*	* n	NotFnd	1.10	*		2.50	1210	919	1.19	
1,2,3,4,7,8-HxCDD	*	* n	NotFnd	1.37	*		2.50	1440	1020	1.47	
1,2,3,6,7,8-HxCDD	*	* n	NotFnd	1.37	*		2.50	1440	1020	1.86	
1,2,3,7,8,9-HxCDD	*	* n	NotFnd	1.36	*		2.50	1440	1020	1.66	
1,2,3,4,6,7,8-HpCDD	6.49e+05	0.95 y	44:13	1.45	44.6		2.50	-	-	*	
OCDD	2.48e+06	0.99 y	49:47	1.43	411		2.50	-	-	*	
2,3,7,8-TCDF	*	* n	NotFnd	1.50	*		2.50	837	838	0.219	
1,2,3,7,8-PeCDF	*	* n	NotFnd	0.94	*		2.50	1120	966	0.761	
2,3,4,7,8-PeCDF	*	* n	NotFnd	0.94	*		2.50	1120	966	0.801	
1,2,3,4,7,8-HxCDF	*	* n	NotFnd	0.93	*		2.50	1270	1240	1.06	
1,2,3,6,7,8-HxCDF	*	* n	NotFnd	0.82	*		2.50	1270	1240	1.05	
2,3,4,6,7,8-HxCDF	*	* n	NotFnd	0.92	*		2.50	1270	1240	1.23	
1,2,3,7,8,9-HxCDF	*	* n	NotFnd	1.00	*		2.50	1270	1240	1.15	
1,2,3,4,6,7,8-HpCDF	2.62e+05	1.00 y	42:19	1.39	13.9		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	*	* n	NotFnd	1.36	*		2.50	756	700	1.30	
OCDF	2.64e+05	0.89 y	50:08	0.79	37.8		2.50	-	-	*	
13C-2,3,7,8-TCDD	1.10e+07	0.84 y	27:24	1.02	338					87.8	
13C-1,2,3,7,8-PeCDD	8.52e+06	1.75 y	33:14	0.84	319					83.0	
13C-1,2,3,4,7,8-HxCDD	5.91e+06	1.26 y	38:36	1.07	357					92.9	
13C-1,2,3,6,7,8-HxCDD	4.73e+06	1.27 y	38:46	1.01	303					78.8	
13C-1,2,3,4,6,7,8-HpCDD	3.85e+06	0.94 y	44:12	0.86	292					75.9	
13C-OCDD	3.24e+06	0.94 y	49:45	0.55	385					50.1	
13C-2,3,7,8-TCDF	1.94e+07	0.87 y	26:39	0.99	344					89.6	
13C-1,2,3,7,8-PeCDF	1.43e+07	1.77 y	31:30	0.84	301					78.4	
13C-2,3,4,7,8-PeCDF	1.35e+07	1.78 y	32:49	0.81	293					76.3	
13C-1,2,3,4,7,8-HxCDF	1.29e+07	0.51 y	37:12	1.85	453					118	
13C-1,2,3,6,7,8-HxCDF	1.51e+07	0.52 y	37:24	2.54	386					100	
13C-2,3,4,6,7,8-HxCDF	1.10e+07	0.52 y	38:20	2.01	353					91.8	
13C-1,2,3,7,8,9-HxCDF	1.14e+07	0.51 y	39:46	2.03	365					94.8	
13C-1,2,3,4,6,7,8-HpCDF	5.19e+06	0.42 y	42:17	1.11	303					78.9	
13C-1,2,3,4,7,8,9-HpCDF	4.16e+06	0.43 y	45:05	0.80	336					87.3	
13C-OCDF	6.83e+06	0.96 y	50:07	1.08	409					53.2	
37Cl-2,3,7,8-TCDD	2.90e+06		27:25	0.69	133					86.5	
13C-1,2,3,4-TCDD	1.22e+07	0.85 y	26:49	-	5.23						
13C-1,2,3,4-TCDF	2.18e+07	0.86 y	25:34	-	5.80						
13C-1,2,3,7,8,9-HxCDD	5.93e+06	1.27 y	39:13	-	4.14						
Total Tetra-Dioxins	*		NotFnd	1.11	*		2.50	798	945	0.572	0
Total Penta-Dioxins	*		NotFnd	1.10	*		2.50	1210	919	1.19	0
Total Hexa-Dioxins	2.46e+05		36:11	1.37	13.0		2.50	-	-	*	3
Total Hepta-Dioxins	1.24e+06		42:51	1.45	85.1		2.50	-	-	*	2
Total Tetra-Furans	5.95e+05		23:50	1.50	7.85		2.50	-	-	*	9
1st Fn. Tot Penta-Furans	1.39e+05		28:29	0.94	4.08		2.50	-	-	*	PeCDF 1
Total Penta-Furans	2.22e+05		30:15	0.94	6.54		2.50	-	-	*	10.6 ✓ 3
Total Hexa-Furans	3.59e+05		35:18	0.91	12.0		2.50	-	-	*	3
Total Hepta-Furans	6.22e+05		42:19	1.38	35.5		2.50	-	-	*	2

Analyst: 

Date: 10/9/10

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 16 File: 02OCT10M S: 9 I: 1 F: 3  
Acquired: 2-OCT-10 16:12:39

Total Concentration: 13.0

Unnamed Concentration: 12.985

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:11	4.11e+04	3.12e+04	1.32 y	7.23e+04	3.82	
37:06	2.67e+04	2.01e+04	1.33 y	4.68e+04	2.47	
37:31	7.39e+04	5.30e+04	1.39 y	1.27e+05	6.70	

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 16 File: 02OCT10M S: 9 I: 1 F: 4  
Acquired: 2-OCT-10 16:12:39

Total Concentration: 85.1

Unnamed Concentration: 40.444

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:51	2.87e+05	3.02e+05	0.95 y	5.89e+05	40.4	
44:13	3.16e+05	3.33e+05	0.95 y	6.49e+05	44.6	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 16

File: 02OCT10M

S: 9 I: 1 F: 1

Acquired: 2-OCT-10 16:12:39

Total Concentration: 7.85

Unnamed Concentration: 7.853

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:50	4.36e+04	5.99e+04	0.73 y	1.04e+05	1.37	
24:13	3.10e+04	4.27e+04	0.72 y	7.37e+04	0.972	
24:29	2.74e+04	3.74e+04	0.73 y	6.49e+04	0.856	
24:46	2.05e+04	3.08e+04	0.67 y	5.13e+04	0.677	
25:27	2.20e+04	3.22e+04	0.68 y	5.43e+04	0.716	
25:49	1.57e+04	2.14e+04	0.73 y	3.70e+04	0.488	
26:59	2.58e+04	3.55e+04	0.73 y	6.13e+04	0.809	
27:54	3.11e+04	4.00e+04	0.78 y	7.12e+04	0.939	
28:08	3.56e+04	4.25e+04	0.84 y	7.81e+04	1.03	



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

Run: 16 File: 02OCT10M S: 9 I: 1 F: 1  
Acquired: 2-OCT-10 16:12:39

Total Concentration: 4.08 Unnamed Concentration: 4.080

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:29	8.28e+04	5.58e+04	1.48 y	1.39e+05	4.08	

Totals class: Total Penta-Furans

Entry #: 44

Run: 16

File: 02OCT10M

S: 9 I: 1 F: 2

Acquired: 2-OCT-10 16:12:39

Total Concentration: 6.54

Unnamed Concentration: 6.542

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:15	5.77e+04	4.26e+04	1.36 y	1.00e+05	2.95	
30:59	2.82e+04	2.09e+04	1.35 y	4.91e+04	1.45	
31:47	4.20e+04	3.07e+04	1.37 y	7.27e+04	2.14	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 16

File: 02OCT10M

S: 9 I: 1 F: 3

Acquired: 2-OCT-10 16:12:39

Total Concentration: 12.0

Unnamed Concentration: 12.035

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:18	3.46e+04	2.46e+04	1.41 y	5.92e+04	1.99	
35:34	8.61e+04	6.64e+04	1.30 y	1.53e+05	5.11	
36:28	8.02e+04	6.70e+04	1.20 y	1.47e+05	4.94	

Totals class: Total Hepta-Furans

Entry #: 46

Run: 16

File: 02OCT10M

S: 9 I: 1 F: 4

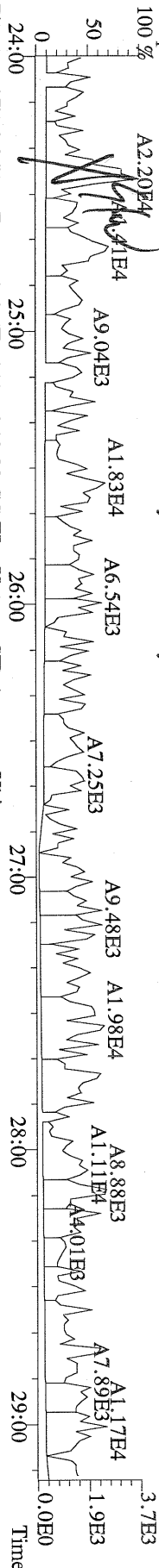
Acquired: 2-OCT-10 16:12:39

Total Concentration: 35.5

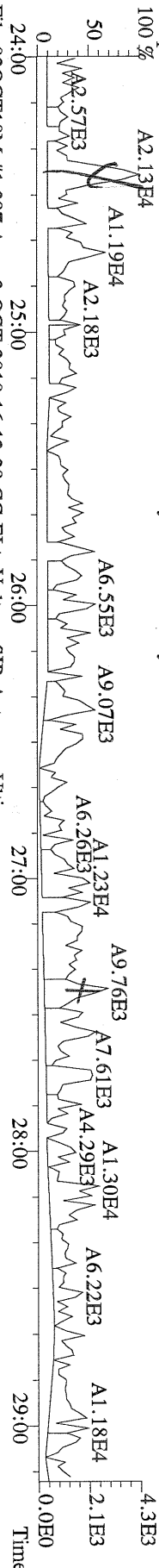
Unnamed Concentration: 21.556

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:19	1.31e+05	1.31e+05	1.00 y	2.62e+05	13.9	1,2,3,4,6,7,8-HpCDF
43:08	1.80e+05	1.81e+05	1.00 y	3.61e+05	21.6	

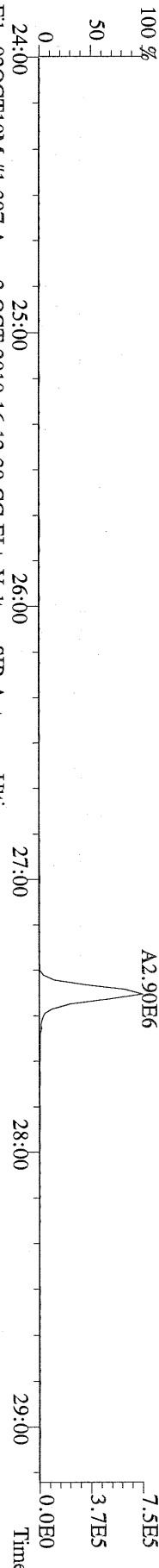
File:02OCT10M #1-397 Acq: 2-OCT-2010 16:12:39 GC EI+ Voltage SIR Autospec-Ultima  
319.8965 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



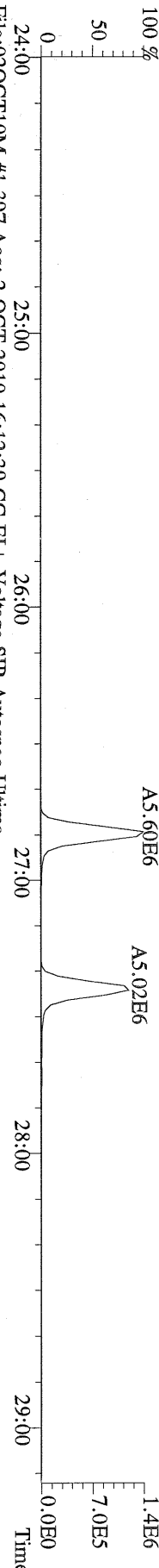
File:02OCT10M #1-397 Acq: 2-OCT-2010 16:12:39 GC EI+ Voltage SIR Autospec-Ultima  
321.8936 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



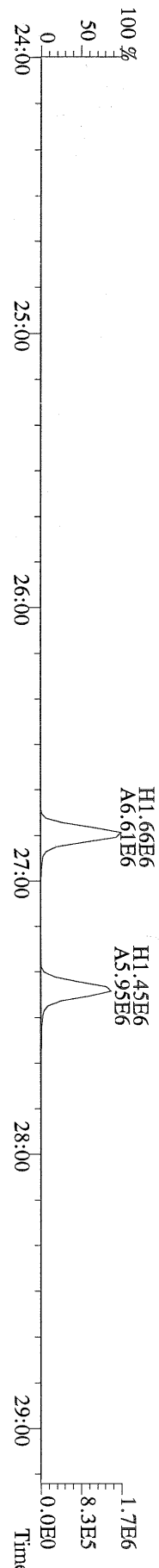
File:02OCT10M #1-397 Acq: 2-OCT-2010 16:12:39 GC EI+ Voltage SIR Autospec-Ultima  
327.8847 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



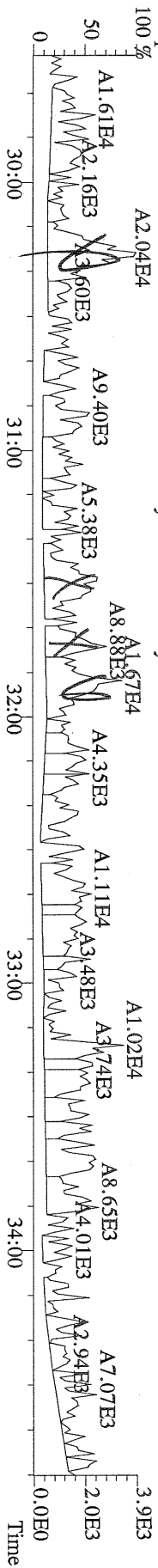
File:02OCT10M #1-397 Acq: 2-OCT-2010 16:12:39 GC EI+ Voltage SIR Autospec-Ultima  
331.9368 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



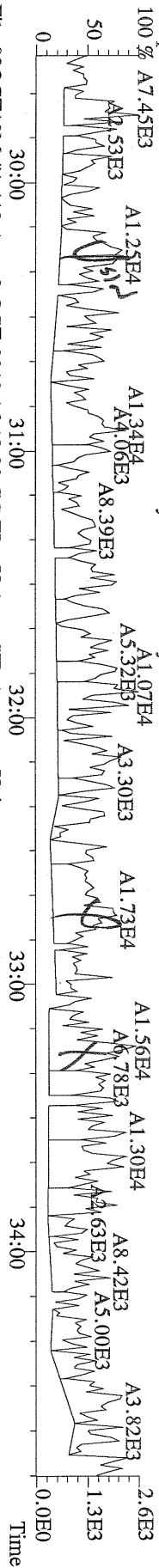
File:02OCT10M #1-397 Acq: 2-OCT-2010 16:12:39 GC EI+ Voltage SIR Autospec-Ultima  
333.9339 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



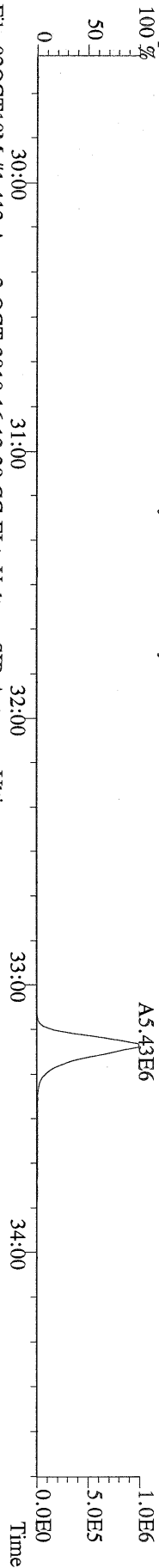
File:02OCT10M #1-412 Acq: 2-OCT-2010 16:12:39 GC EI+ Voltage SIR Autospec-Ultima  
 355.8546 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



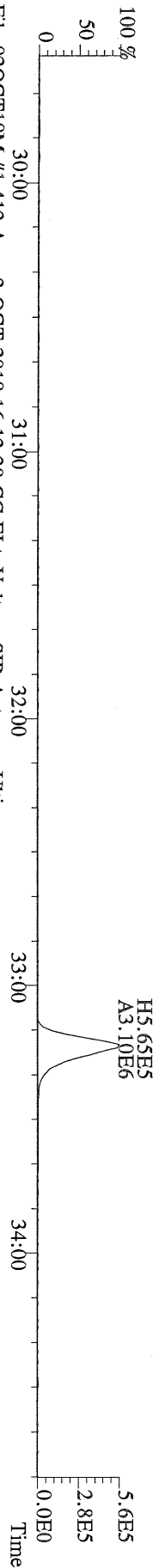
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 357.8517 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



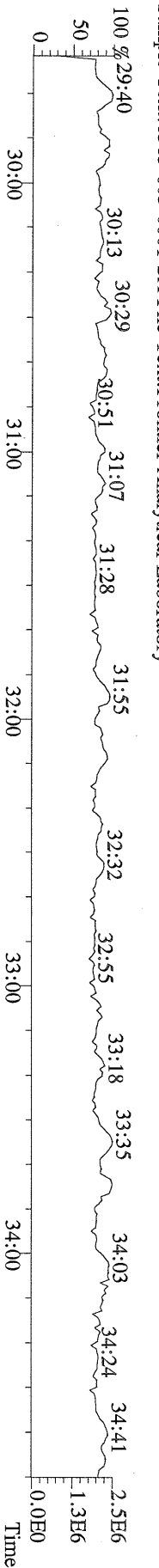
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 367.8949 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



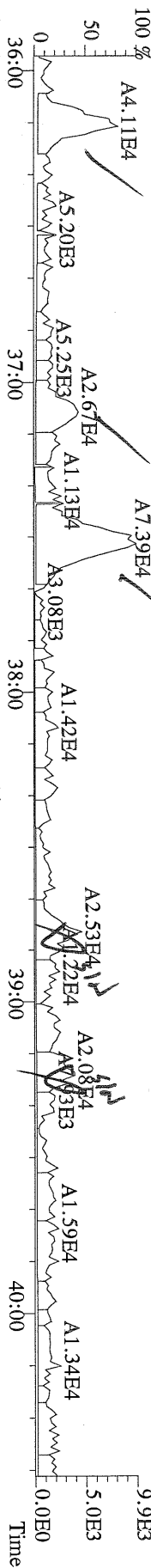
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 369.8919 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



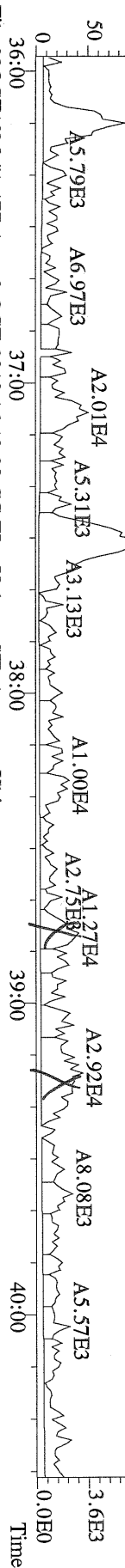
File:02OCT10M #1-412 Acq: 2-OCT-2010 16:12:39 GC EI+ Voltage SIR Autospec-Ultima  
 366.9792 S:9 F:2 Exp:OCDD  
 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



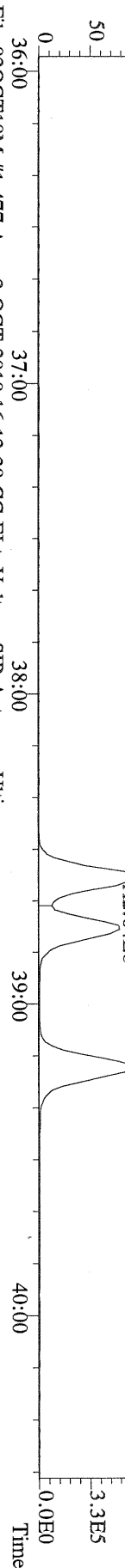
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 389.8156 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00% F,F) Exp:OCDD  
 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



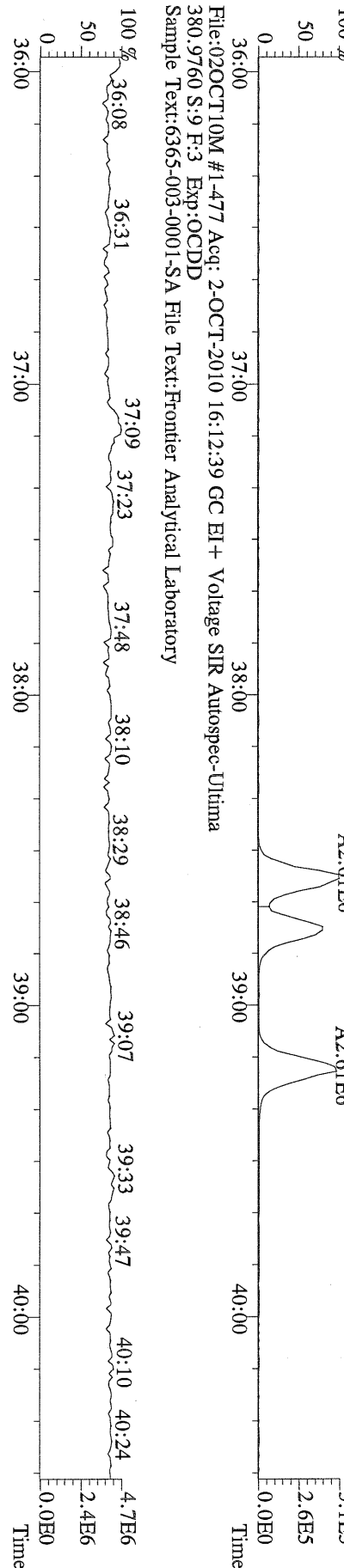
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 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



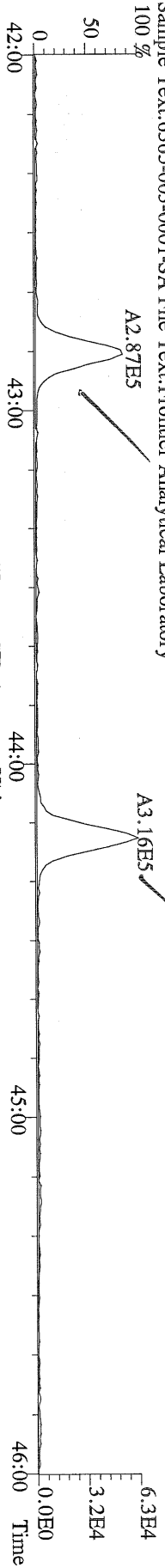
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 403.8530 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00% F,F) Exp:OCDD  
 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



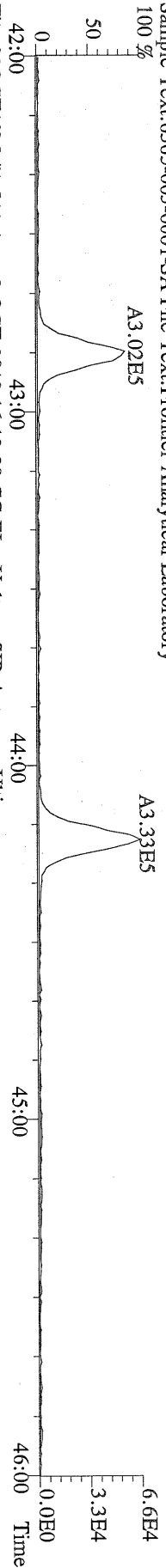
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 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



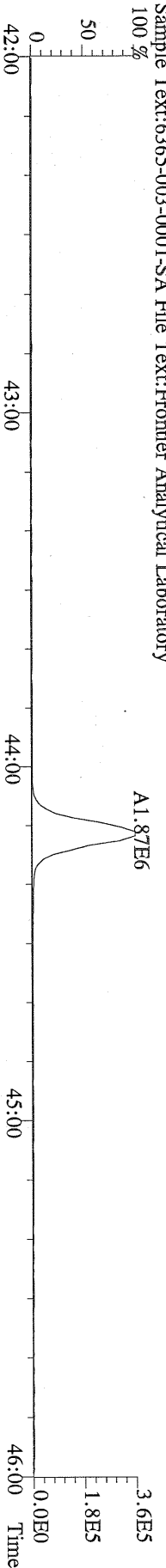
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Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



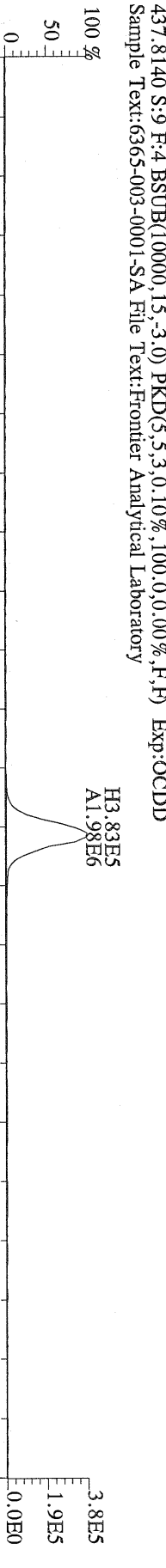
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Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



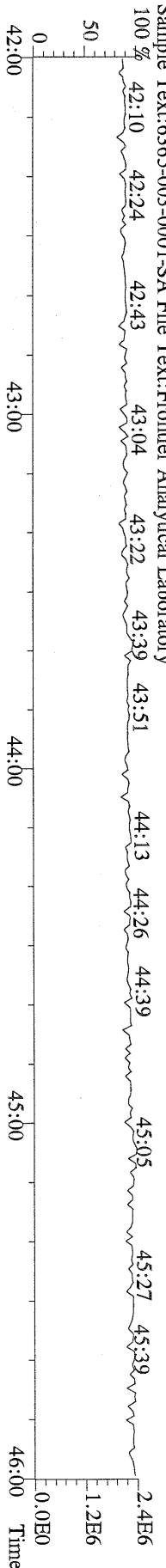
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Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



File:02OCT10M #1-541 Acq: 2-OCT-2010 16:12:39 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  
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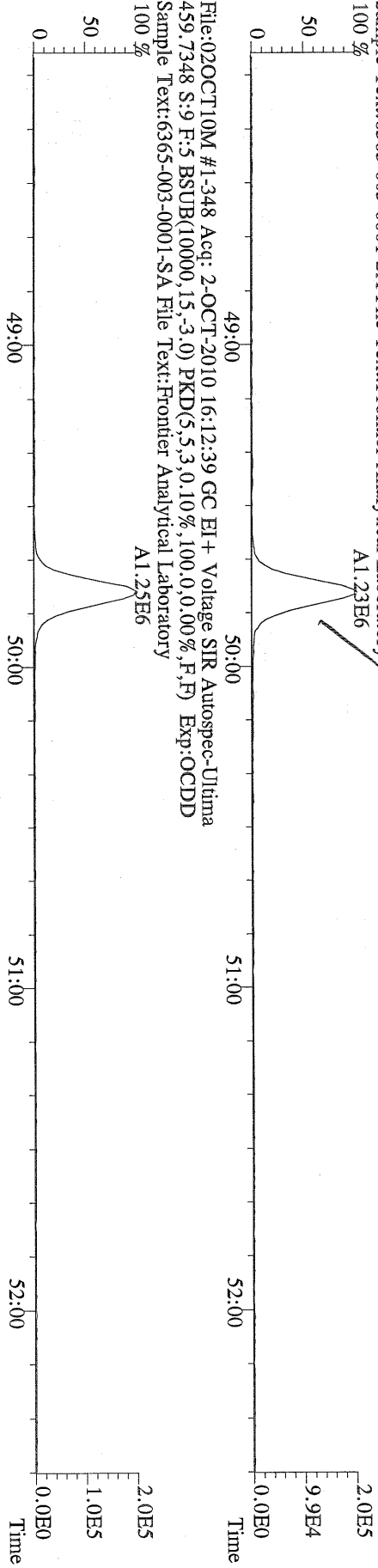


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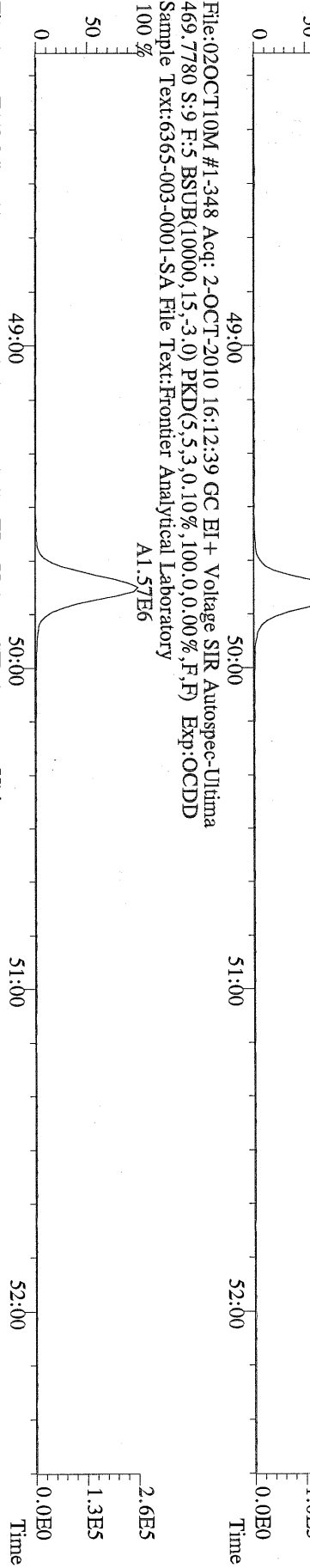




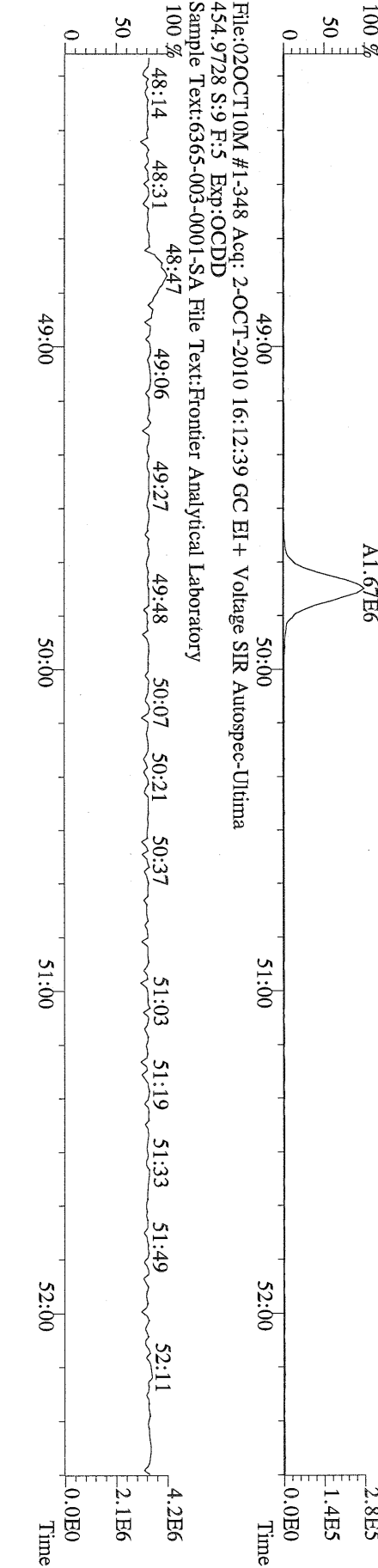
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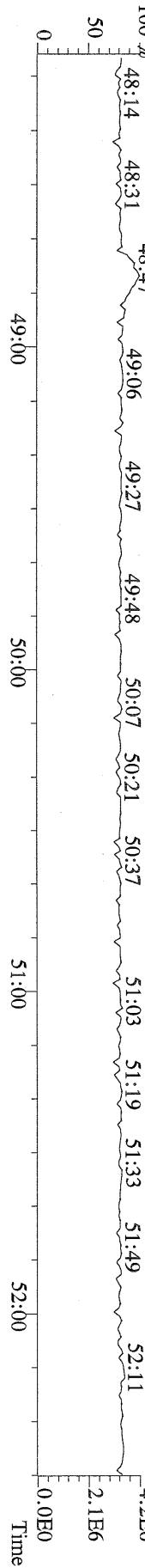
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Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory  
100 %



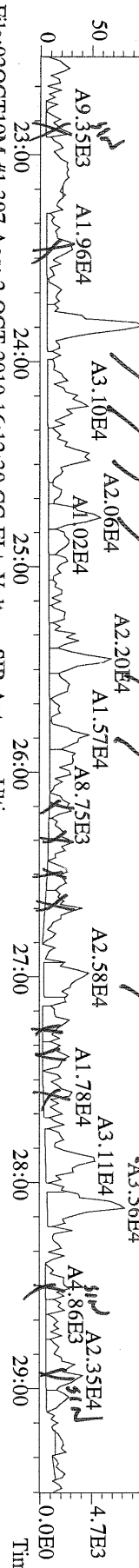
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Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



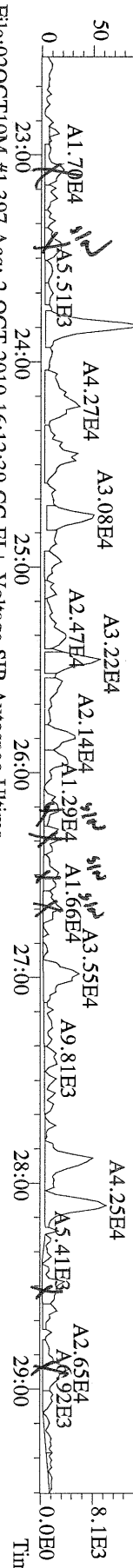
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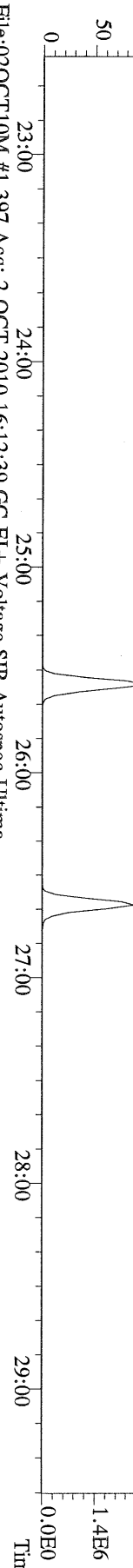
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 303.9016 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



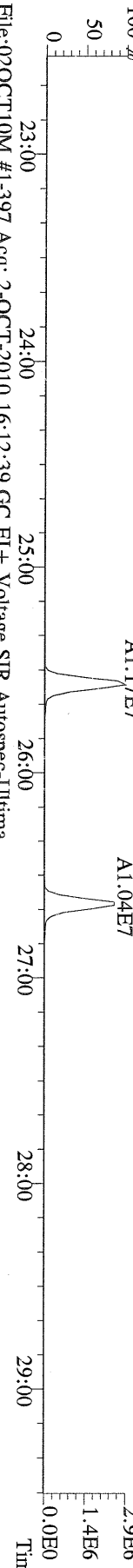
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 305.8987 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



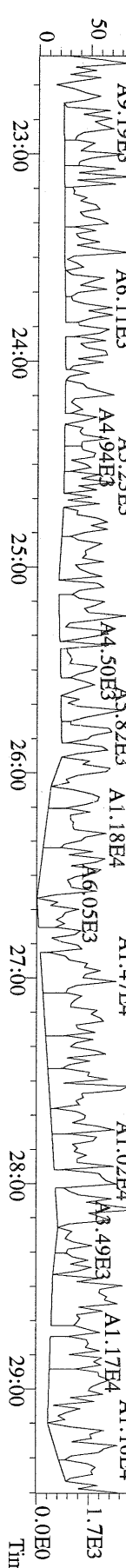
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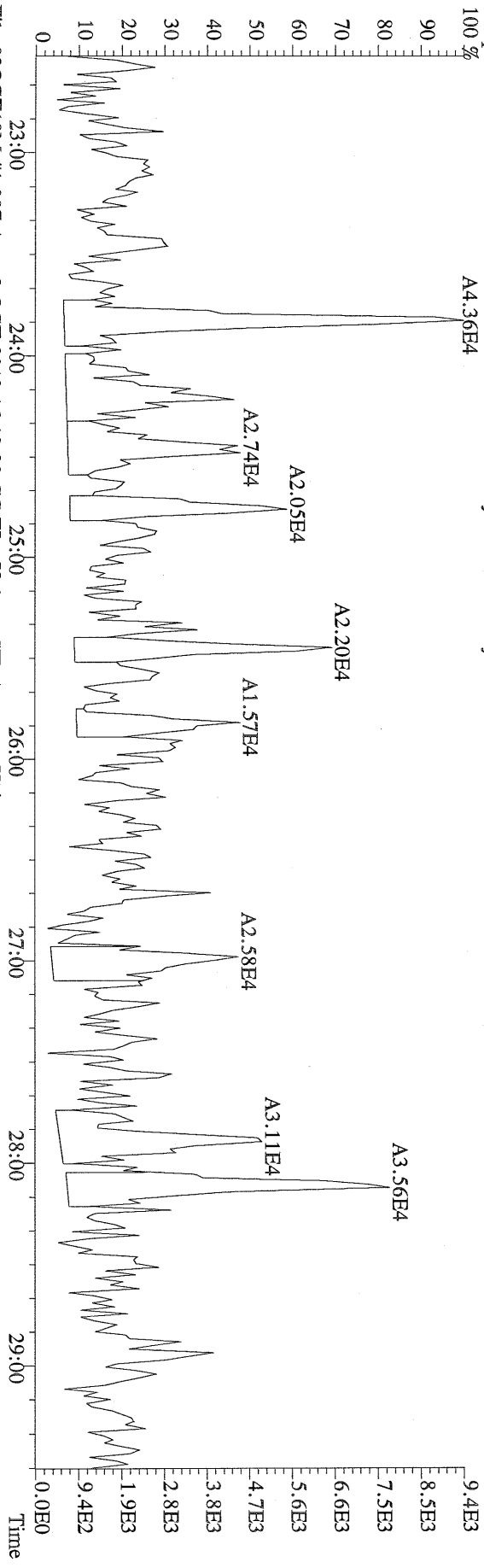
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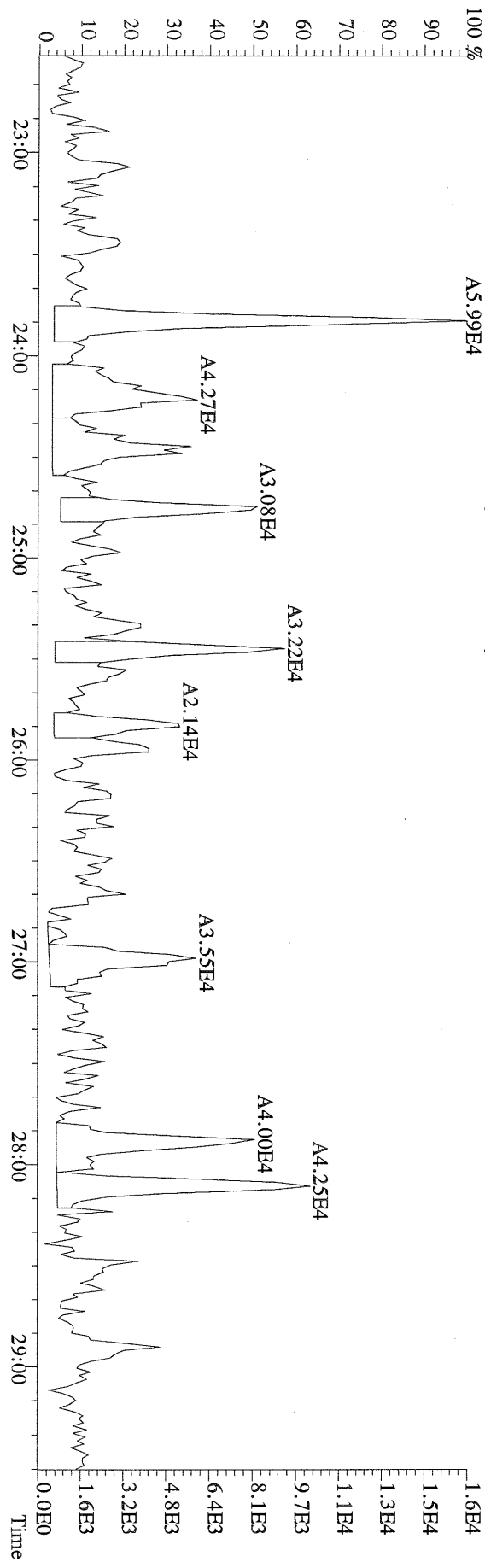
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 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



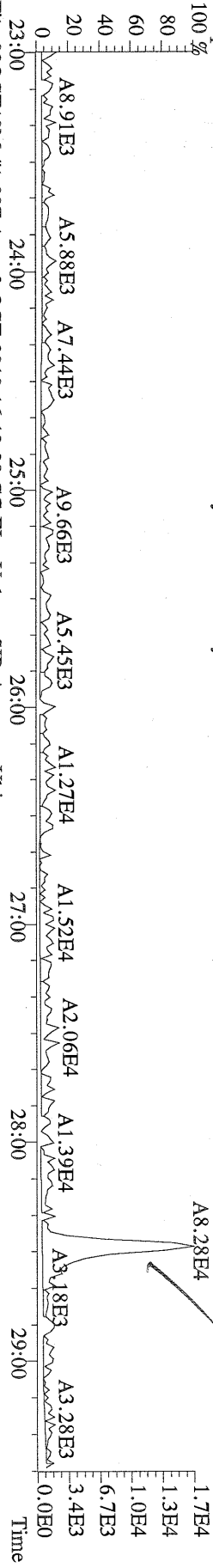
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 100% A4.36E4



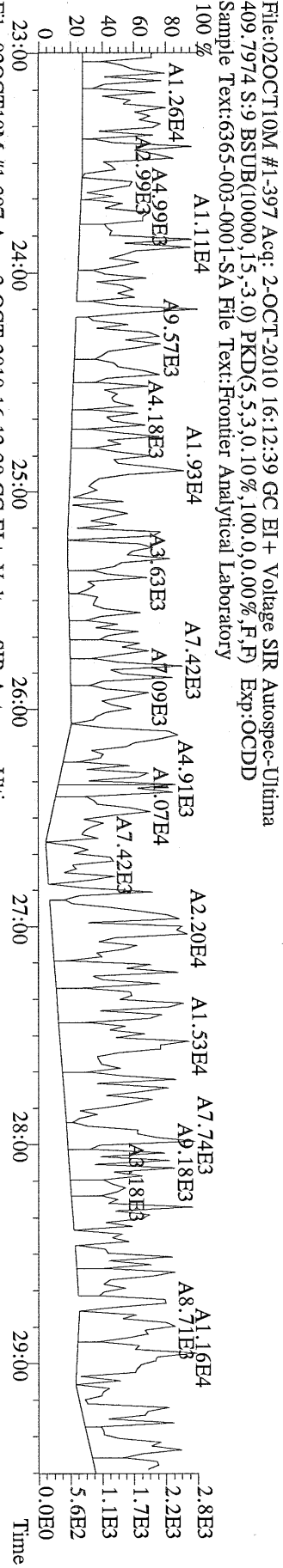
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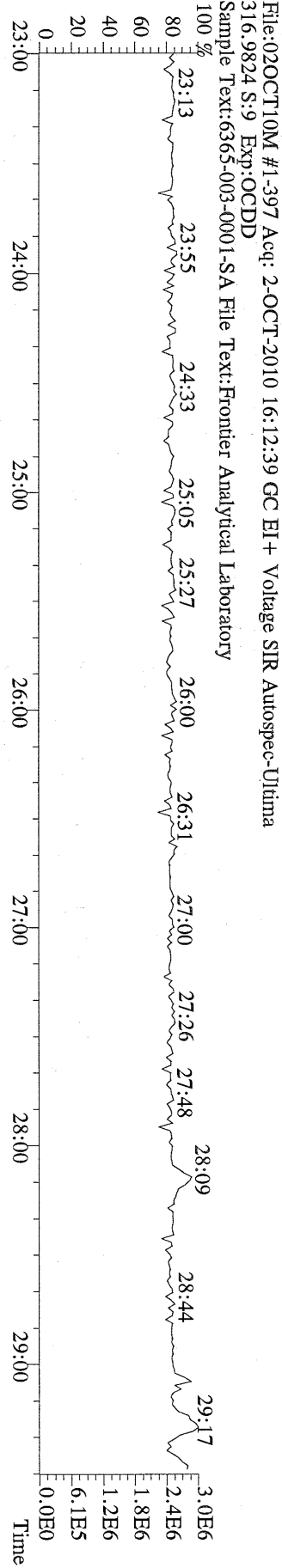
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 339.8597 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



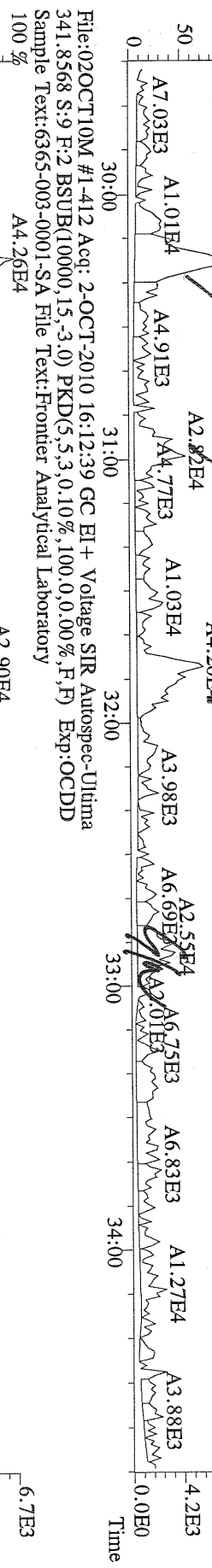
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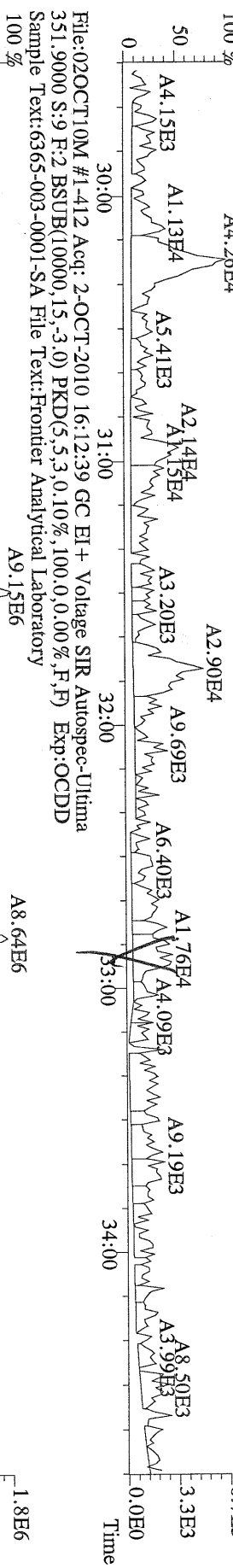
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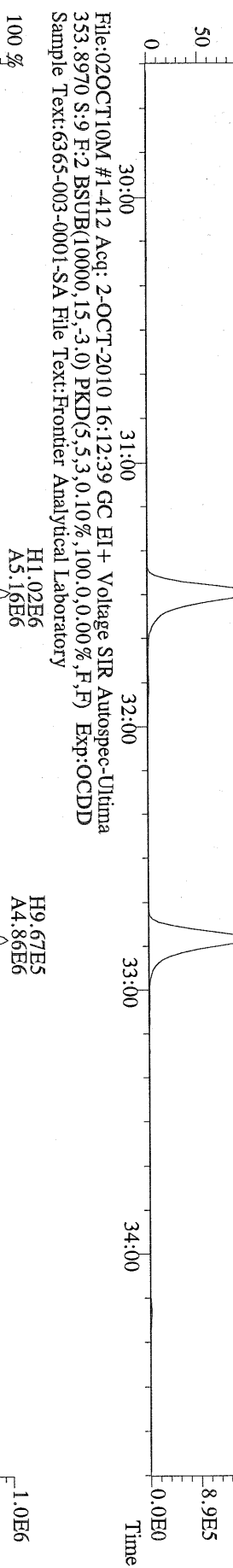
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339.8597 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory  
100 %



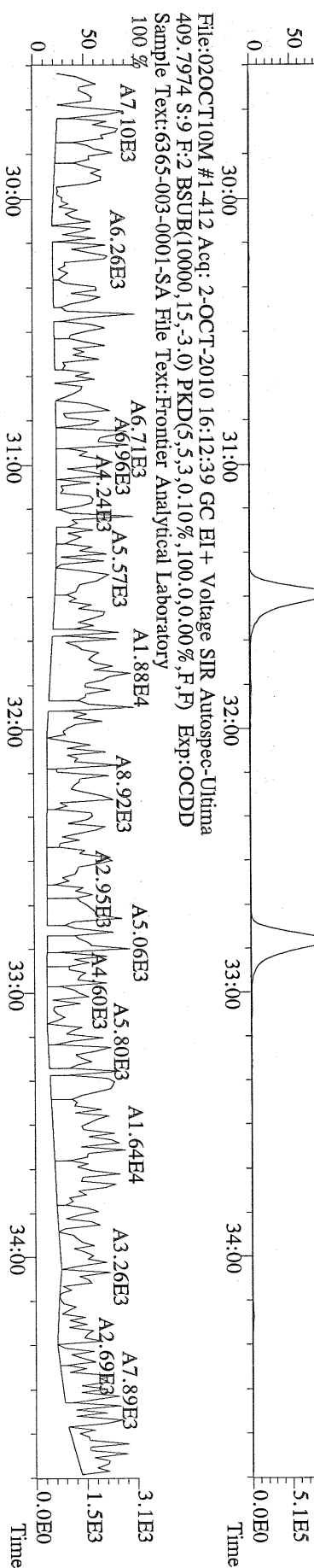
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Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory  
100 %



File:02OCT10M #1-412 Acq: 2-OCT-2010 16:12:39 GC EI + Voltage SIR Autospec-Ultima  
351.9000 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory  
100 %

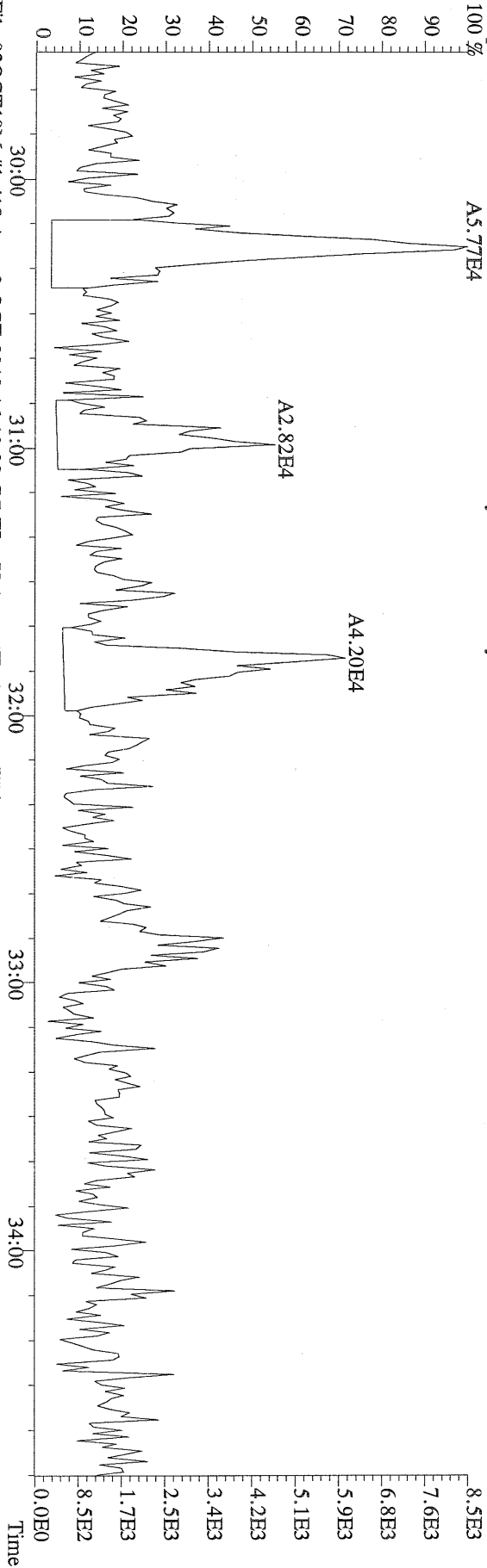


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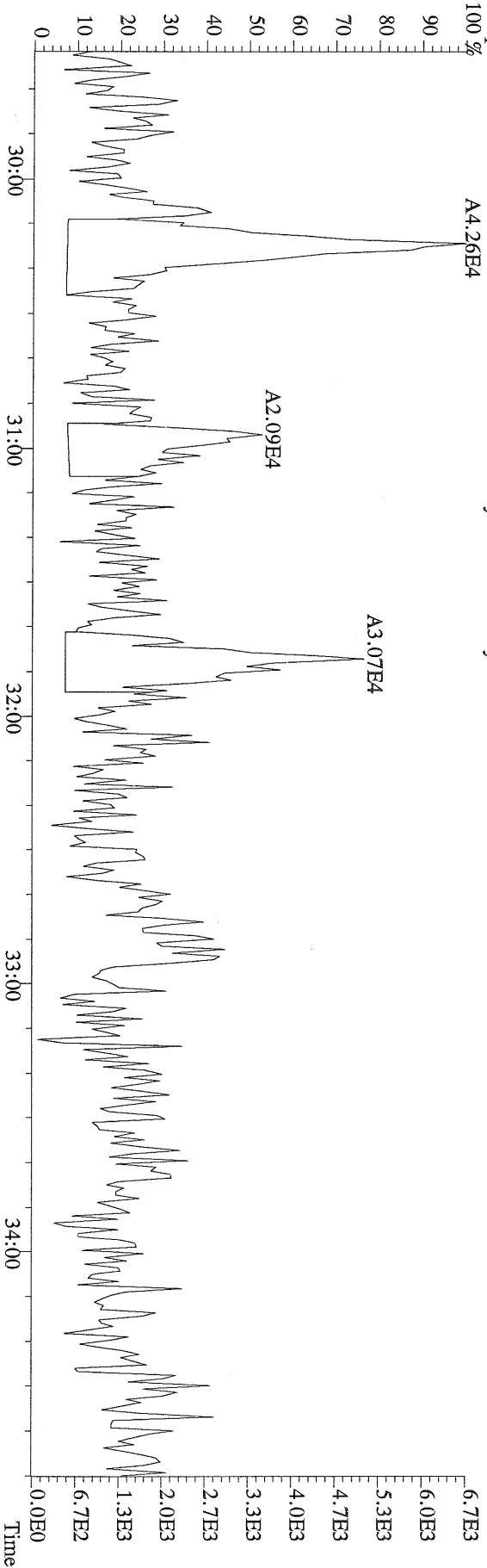


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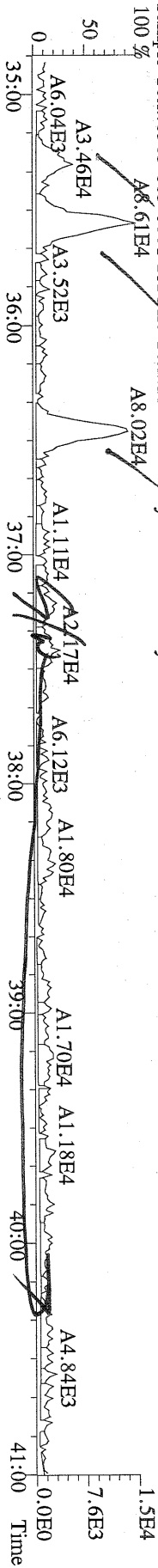
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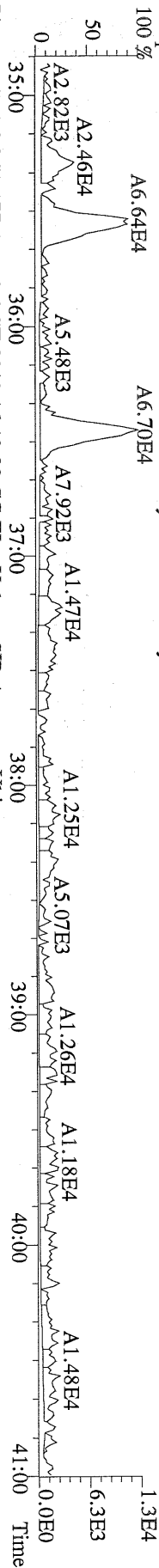
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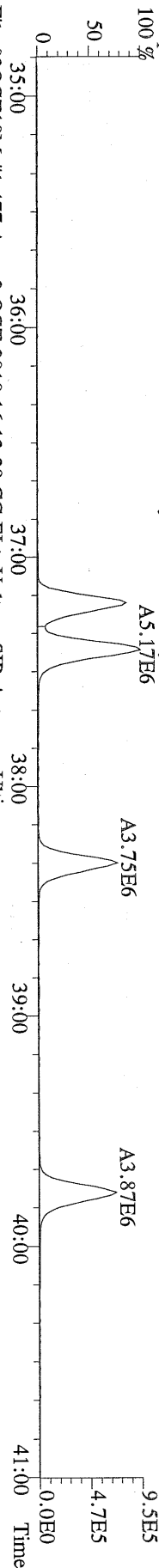
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 373.8207 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
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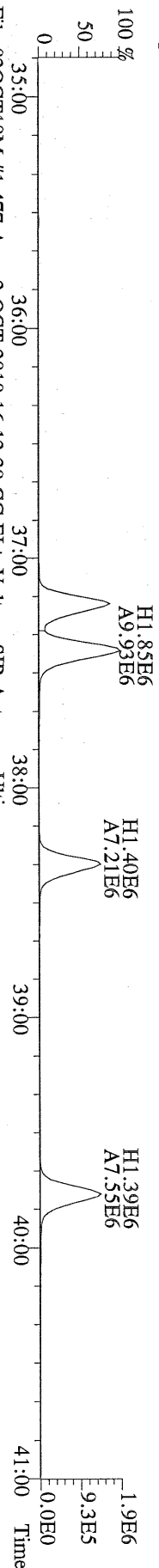
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 375.8178 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
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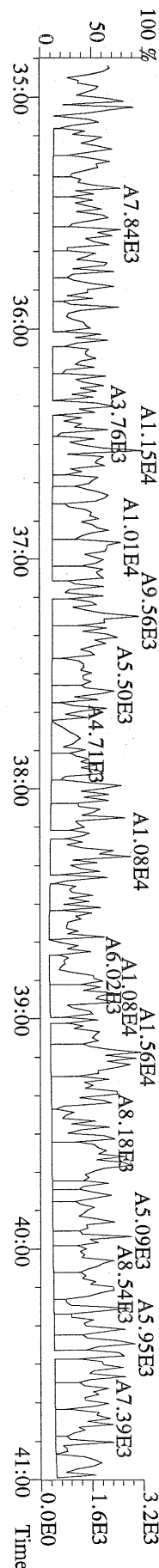
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 383.8639 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
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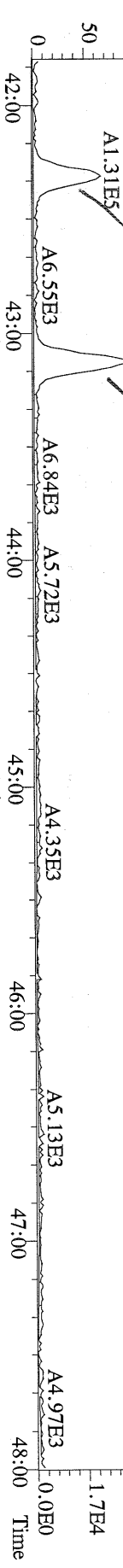
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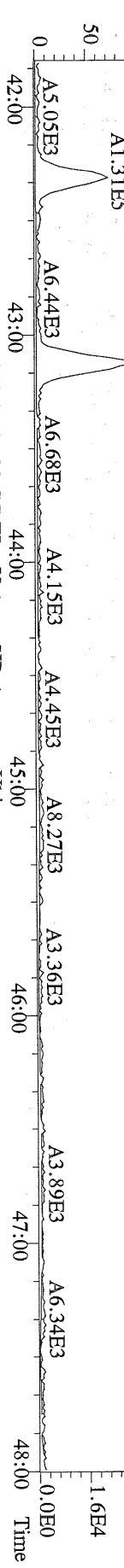
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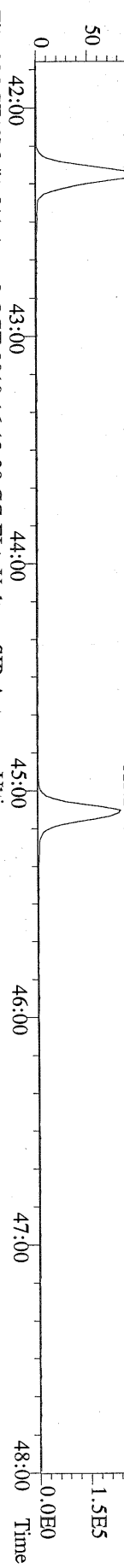
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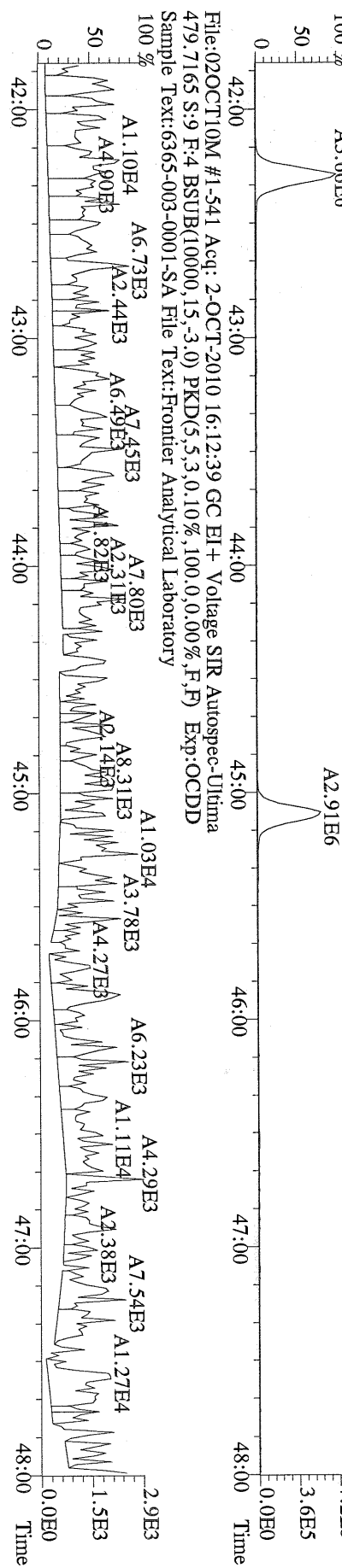
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 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



File:02OCT10M #1-541 Acq: 2-OCT-2010 16:12:39 GC EI + Voltage SIR Autospec-Ultima  
 419.8220 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory

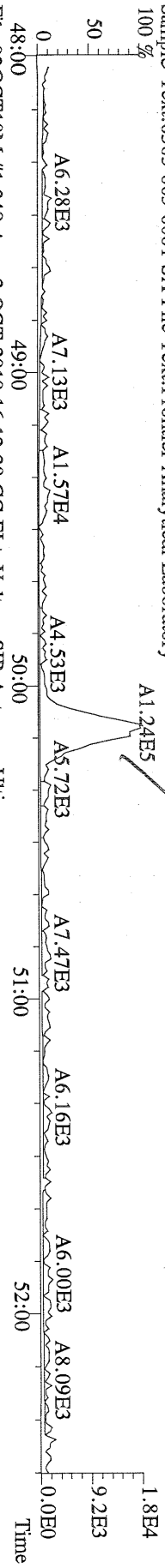


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 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory

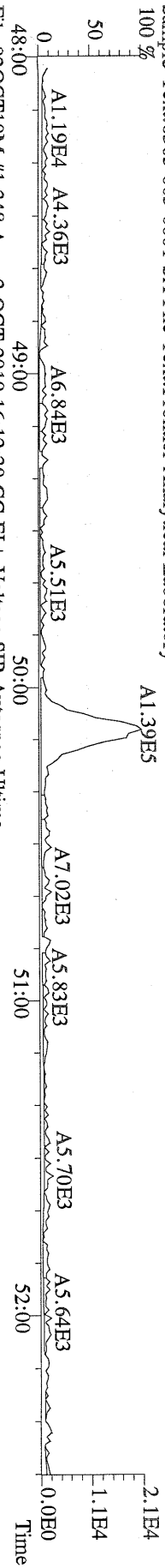




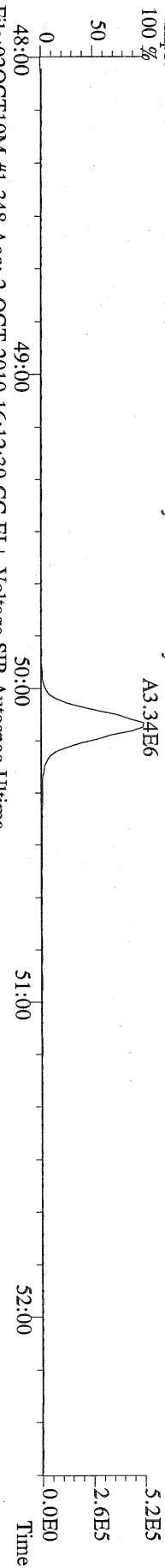
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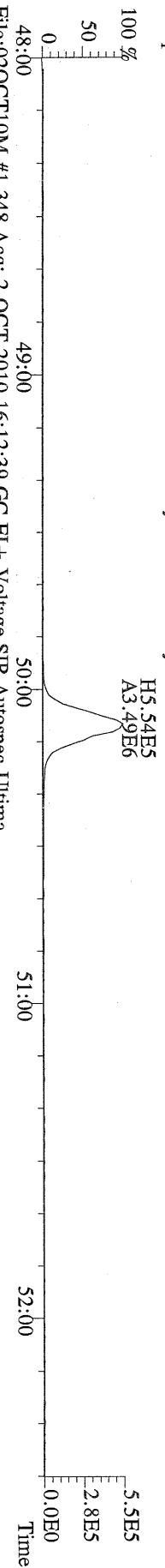
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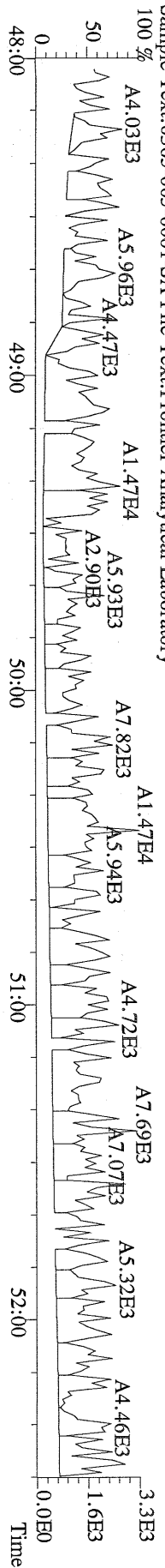
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 455.7801 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-003-0001-SA File Text:Frontier Analytical Laboratory



File:02OCT10M #1-348 Acq: 2-OCT-2010 16:12:39 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:6365-003-0001-SA File Text:Frontier Analytical Laboratory



Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	Rec	#Hom
2,3,7,8-TCDD	6.28e+04	0.71 y	27:24	1.11	0.305	J	2.50	-	-	*	
1,2,3,7,8-PeCDD	9.57e+04	1.37 y	33:14	1.10	0.523	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDD	1.41e+05	1.30 y	38:36	1.37	0.704	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDD	5.41e+05	1.32 y	38:45	1.37	3.48	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDD	2.82e+05	1.36 y	39:13	1.36	1.60	J	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	1.34e+07	0.95 y	44:12	1.45	85.2		2.50	-	-	*	
OCDD	6.67e+07	0.98 y	49:46	1.43	800		2.50	-	-	*	
2,3,7,8-TCDF	1.77e+05	0.73 y	26:38	1.50	0.384	J	2.50	-	-	*	
1,2,3,7,8-PeCDF	1.07e+05	1.43 y	31:30	0.94	0.421	J	2.50	-	-	*	
2,3,4,7,8-PeCDF	9.41e+04	1.46 y	32:50	0.94	0.398	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDF	2.14e+05	1.22 y	37:12	0.93	0.890	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDF	1.71e+05	1.24 y	37:24	0.82	0.695	J	2.50	-	-	*	
2,3,4,6,7,8-HxCDF	1.93e+05	1.13 y	38:21	0.92	0.878	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDF	7.01e+04	1.13 y	39:48	1.00	0.266	J	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDF	3.73e+06	1.03 y	42:18	1.39	21.2		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	1.70e+05	1.07 y	45:06	1.36	1.07	J	2.50	-	-	*	
OCDF	7.03e+06	0.90 y	50:08	0.79	75.6		2.50	-	-	*	
13C-2,3,7,8-TCDD	7.29e+07	0.80 y	27:23	1.02	349					88.5	
13C-1,2,3,7,8-PeCDD	6.54e+07	1.74 y	33:13	0.84	380					96.6	
13C-1,2,3,4,7,8-HxCDD	5.72e+07	1.29 y	38:35	1.07	383					97.2	
13C-1,2,3,6,7,8-HxCDD	4.46e+07	1.23 y	38:45	1.01	316					80.4	
13C-1,2,3,4,6,7,8-HpCDD	4.26e+07	0.95 y	44:10	0.86	358					90.9	
13C-OCDD	4.58e+07	0.95 y	49:45	0.55	602					76.5	
13C-2,3,7,8-TCDF	1.21e+08	0.87 y	26:37	0.99	355					90.1	
13C-1,2,3,7,8-PeCDF	1.06e+08	1.74 y	31:28	0.84	370					93.9	
13C-2,3,4,7,8-PeCDF	9.94e+07	1.75 y	32:47	0.81	358					90.8	
13C-1,2,3,4,7,8-HxCDF	1.02e+08	0.51 y	37:11	1.85	396					101	
13C-1,2,3,6,7,8-HxCDF	1.18e+08	0.52 y	37:23	2.54	334					84.9	
13C-2,3,4,6,7,8-HxCDF	9.42e+07	0.51 y	38:19	2.01	336					85.3	
13C-1,2,3,7,8,9-HxCDF	1.04e+08	0.51 y	39:45	2.03	368					93.5	
13C-1,2,3,4,6,7,8-HpCDF	4.98e+07	0.44 y	42:17	1.11	323					81.9	
13C-1,2,3,4,7,8,9-HpCDF	4.62e+07	0.44 y	45:05	0.80	413					105	
13C-OCDF	9.32e+07	0.98 y	50:07	1.08	618					78.5	
37Cl-2,3,7,8-TCDD	1.92e+07		27:24	0.69	137					87.3	
13C-1,2,3,4-TCDD	8.04e+07	0.80 y	26:49	-	35.2						
13C-1,2,3,4-TCDF	1.35e+08	0.87 y	25:33	-	36.7						
13C-1,2,3,7,8,9-HxCDD	5.48e+07	1.26 y	39:11	-	39.1						
Total Tetra-Dioxins	5.21e+05		24:24	1.11	2.53		2.50	-	-	*	6
Total Penta-Dioxins	8.67e+05		30:16	1.10	4.74	J	2.50	-	-	*	7
Total Hexa-Dioxins	3.88e+06		36:08	1.37	22.3		2.50	-	-	*	8
Total Hepta-Dioxins	2.58e+07		42:50	1.45	164		2.50	-	-	*	2
Total Tetra-Furans	3.10e+06		23:04	1.50	6.73		2.50	-	-	*	20
1st Fn. Tot Penta-Furans	8.80e+05		28:28	0.94	3.59		2.50	-	-	*	PeCDF 1
Total Penta-Furans	1.50e+06		30:05	0.94	6.13		2.50	-	-	*	9.72 / 9
Total Hexa-Furans	5.04e+06		35:16	0.91	20.9		2.50	-	-	*	10
Total Hepta-Furans	1.12e+07		42:18	1.38	65.8		2.50	-	-	*	4

Analyst: 

Date: 10/1/10

Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 18

File: 30SEP10M

S: 10 I: 1 F: 1

Acquired: 30-SEP-10 17:55:57

Total Concentration: 2.53

Unnamed Concentration: 2.227

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:24	6.70e+04	8.48e+04	0.79 y	1.52e+05	0.738	
24:41	4.43e+04	6.44e+04	0.69 y	1.09e+05	0.528	
25:35	3.29e+04	4.57e+04	0.72 y	7.86e+04	0.382	
25:46	2.66e+04	3.28e+04	0.81 y	5.94e+04	0.289	
25:57	2.80e+04	3.18e+04	0.88 y	5.98e+04	0.291	
27:24	2.61e+04	3.67e+04	0.71 y	6.28e+04	0.305	2,3,7,8-TCDD

Totals class: Total Penta-Dioxins

Entry #: 39

Run: 18

File: 30SEP10M

S: 10 I: 1 F: 2

Acquired: 30-SEP-10 17:55:57

Total Concentration: 4.74

Unnamed Concentration: 4.217

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:16	1.43e+05	9.39e+04	1.53 y	2.37e+05	1.30	
30:52	4.28e+04	2.82e+04	1.52 y	7.09e+04	0.388	
31:29	8.69e+04	5.66e+04	1.54 y	1.43e+05	0.784	
31:42	6.51e+04	4.06e+04	1.60 y	1.06e+05	0.578	
31:52	6.20e+04	4.02e+04	1.54 y	1.02e+05	0.559	
32:09	6.84e+04	4.36e+04	1.57 y	1.12e+05	0.612	
33:14	5.53e+04	4.04e+04	1.37 y	9.57e+04	0.523	1,2,3,7,8-PeCDD

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 18

File: 30SEP10M

S: 10 I: 1 F: 3

Acquired: 30-SEP-10 17:55:57

Total Concentration: 22.3

Unnamed Concentration: 16.475

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:08	5.50e+05	3.99e+05	1.38 y	9.49e+05	5.36	
37:04	1.83e+05	1.36e+05	1.34 y	3.19e+05	1.80	
37:30	8.74e+05	6.16e+05	1.42 y	1.49e+06	8.42	
37:40	3.73e+04	3.25e+04	1.15 y	6.98e+04	0.395	
38:36	7.94e+04	6.12e+04	1.30 y	1.41e+05	0.704	1,2,3,4,7,8-HxCDD
38:45	3.08e+05	2.33e+05	1.32 y	5.41e+05	3.48	1,2,3,6,7,8-HxCDD
39:04	5.18e+04	3.68e+04	1.41 y	8.86e+04	0.500	
39:13	1.62e+05	1.20e+05	1.36 y	2.82e+05	1.60	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 18

File: 30SEP10M

S: 10 I: 1 F: 4

Acquired: 30-SEP-10 17:55:57

Total Concentration: 164

Unnamed Concentration: 78.598

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:50	6.06e+06	6.30e+06	0.96 y	1.24e+07	78.6	
44:12	6.55e+06	6.86e+06	0.95 y	1.34e+07	85.2	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 18

File: 30SEP10M

S: 10 I: 1 F: 1

Acquired: 30-SEP-10 17:55:57

Total Concentration: 6.73

Unnamed Concentration: 6.346

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:04	3.31e+04	3.90e+04	0.85 y	7.21e+04	0.157	
23:25	2.94e+04	3.83e+04	0.77 y	6.76e+04	0.147	
23:48	1.70e+05	2.51e+05	0.68 y	4.22e+05	0.915	
24:11	1.17e+05	1.65e+05	0.71 y	2.81e+05	0.611	
24:27	1.02e+05	1.43e+05	0.71 y	2.45e+05	0.531	
24:44	8.55e+04	1.27e+05	0.68 y	2.12e+05	0.460	
24:58	3.50e+04	4.18e+04	0.84 y	7.68e+04	0.167	
25:19	6.75e+04	9.18e+04	0.74 y	1.59e+05	0.346	
25:25	9.80e+04	1.43e+05	0.69 y	2.41e+05	0.523	
25:34	5.64e+04	7.30e+04	0.77 y	1.29e+05	0.281	
25:49	3.51e+04	4.73e+04	0.74 y	8.24e+04	0.179	
25:55	5.86e+04	8.08e+04	0.73 y	1.39e+05	0.303	
26:09	3.17e+04	3.69e+04	0.86 y	6.86e+04	0.149	
26:17	2.06e+04	2.63e+04	0.78 y	4.69e+04	0.102	
26:29	4.50e+04	6.01e+04	0.75 y	1.05e+05	0.228	
26:38	7.43e+04	1.02e+05	0.73 y	1.77e+05	0.384	2,3,7,8-TCDF
26:57	6.67e+04	1.00e+05	0.67 y	1.67e+05	0.362	
27:53	6.49e+04	8.26e+04	0.79 y	1.47e+05	0.320	
28:06	6.01e+04	7.52e+04	0.80 y	1.35e+05	0.294	
28:28	5.16e+04	7.40e+04	0.70 y	1.26e+05	0.273	

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

Run: 18      File: 30SEP10M      S: 10 I: 1 F: 1  
Acquired: 30-SEP-10 17:55:57

Total Concentration: 3.59      Unnamed Concentration: 3.593

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:28	5.18e+05	3.62e+05	1.43 y	8.80e+05	3.59	



Totals class: Total Penta-Furans

Entry #: 44

Run: 18

File: 30SEP10M

S: 10 I: 1 F: 2

Acquired: 30-SEP-10 17:55:57

Total Concentration: 6.13

Unnamed Concentration: 5.309

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:05	5.23e+04	3.58e+04	1.46 y	8.80e+04	0.359	
30:15	3.09e+05	2.22e+05	1.40 y	5.31e+05	2.17	
30:57	1.38e+05	9.43e+04	1.46 y	2.32e+05	0.947	
31:30	6.28e+04	4.39e+04	1.43 y	1.07e+05	0.421	1,2,3,7,8-PeCDF
31:46	1.54e+05	9.73e+04	1.58 y	2.51e+05	1.03	
32:06	3.52e+04	2.26e+04	1.56 y	5.78e+04	0.236	
32:40	2.79e+04	1.74e+04	1.61 y	4.53e+04	0.185	
32:50	5.58e+04	3.83e+04	1.46 y	9.41e+04	0.398	2,3,4,7,8-PeCDF
32:52	5.65e+04	3.83e+04	1.47 y	9.48e+04	0.387	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 18

File: 30SEP10M

S: 10 I: 1 F: 3

Acquired: 30-SEP-10 17:55:57

Total Concentration: 20.9

Unnamed Concentration: 18.162

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:16	2.71e+05	2.25e+05	1.20 y	4.97e+05	2.05	
35:32	7.96e+05	6.64e+05	1.20 y	1.46e+06	6.04	
36:07	3.76e+04	3.41e+04	1.10 y	7.18e+04	0.297	
36:26	1.19e+06	9.90e+05	1.20 y	2.18e+06	9.01	
37:02	3.52e+04	2.78e+04	1.27 y	6.30e+04	0.261	
37:12	1.18e+05	9.65e+04	1.22 y	2.14e+05	0.890	1,2,3,4,7,8-HxCDF
37:24	9.46e+04	7.65e+04	1.24 y	1.71e+05	0.695	1,2,3,6,7,8-HxCDF
38:07	6.19e+04	5.85e+04	1.06 y	1.20e+05	0.498	
38:21	1.02e+05	9.05e+04	1.13 y	1.93e+05	0.878	2,3,4,6,7,8-HxCDF
39:48	3.72e+04	3.29e+04	1.13 y	7.01e+04	0.266	1,2,3,7,8,9-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 18

File: 30SEP10M

S: 10 I: 1 F: 4

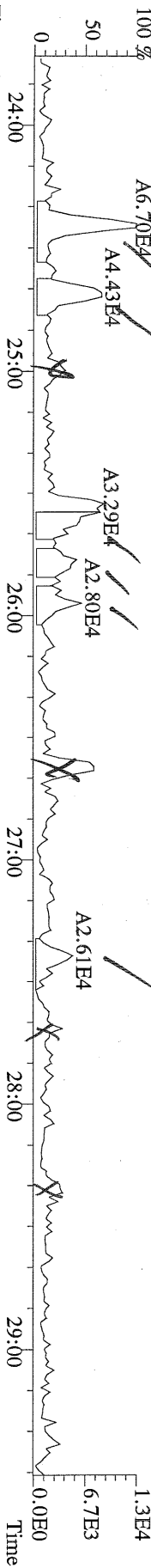
Acquired: 30-SEP-10 17:55:57

Total Concentration: 65.8

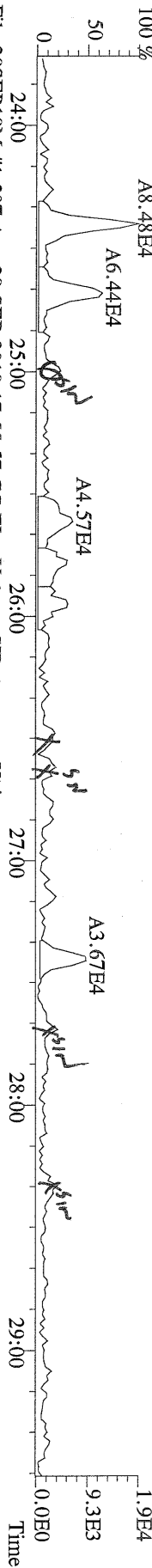
Unnamed Concentration: 43.563

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:18	1.89e+06	1.84e+06	1.03 y	3.73e+06	21.2	1,2,3,4,6,7,8-HpCDF
42:50	5.48e+04	5.27e+04	1.04 y	1.07e+05	0.640	
43:07	3.69e+06	3.51e+06	1.05 y	7.20e+06	42.9	
45:06	8.81e+04	8.21e+04	1.07 y	1.70e+05	1.07	1,2,3,4,7,8,9-HpCDF

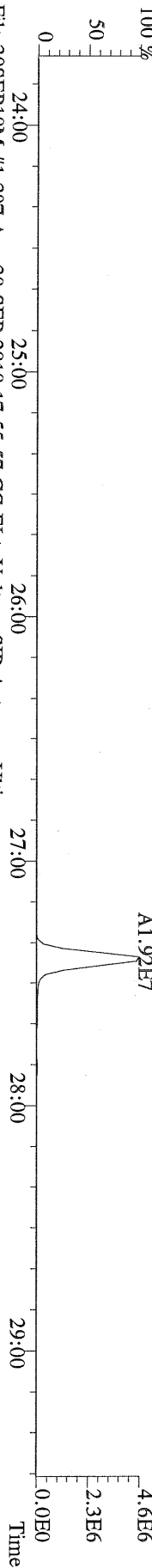
File:30SEP10M #1-397 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
319.8965 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



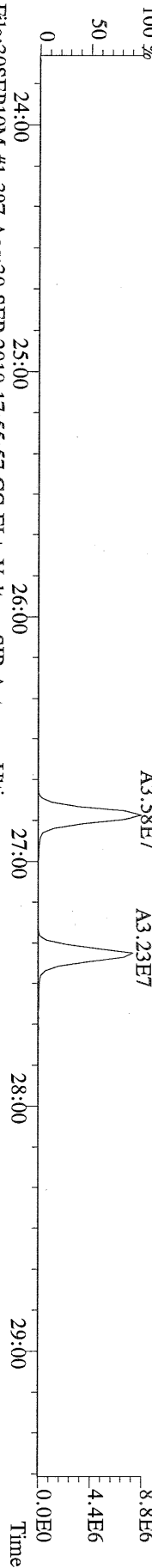
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321.8936 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



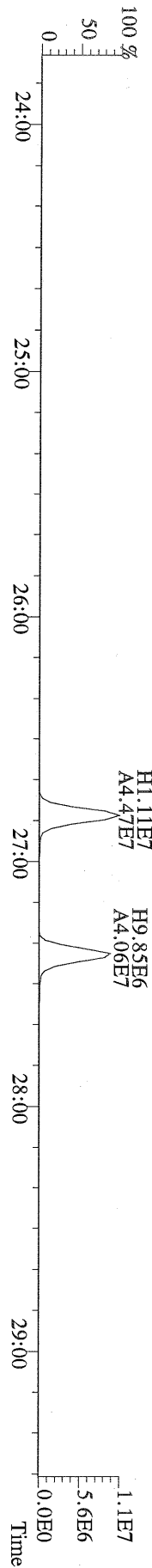
File:30SEP10M #1-397 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
327.8847 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



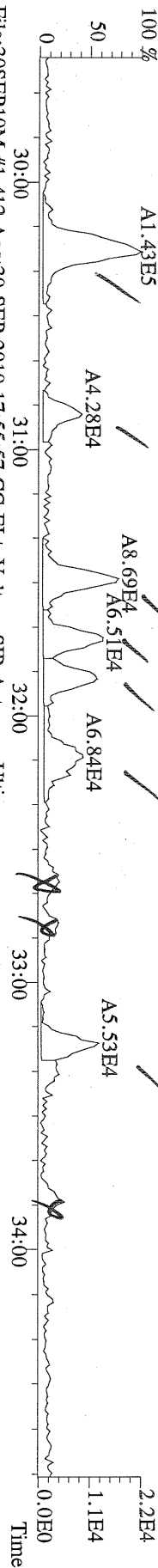
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331.9368 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



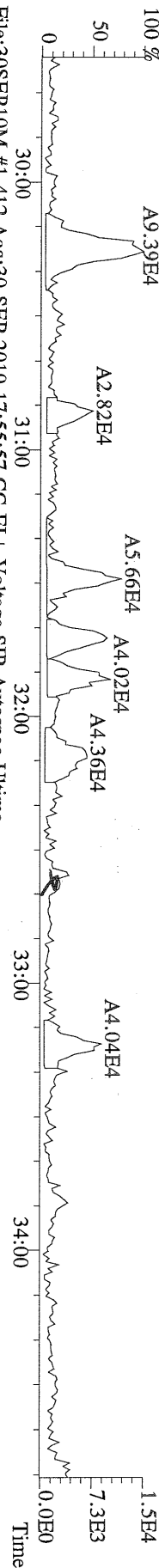
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333.9339 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



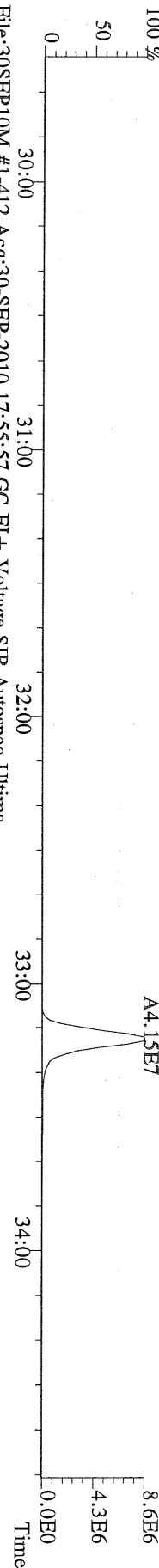
File:30SEP10M #1-412 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 355.8546 S:10 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



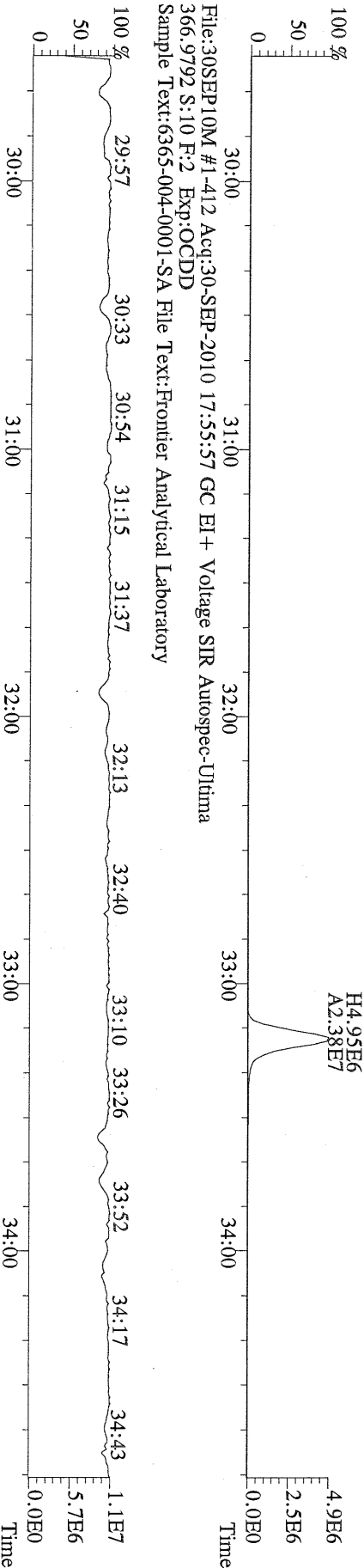
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 357.8517 S:10 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



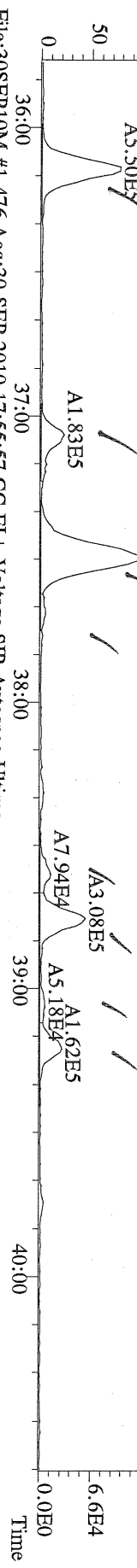
File:30SEP10M #1-412 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 367.8949 S:10 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



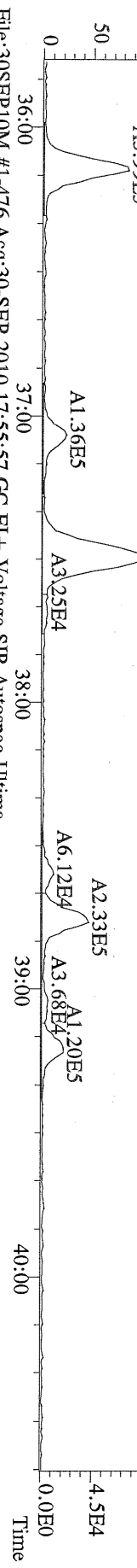
File:30SEP10M #1-412 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 366.9792 S:10 F:2 Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



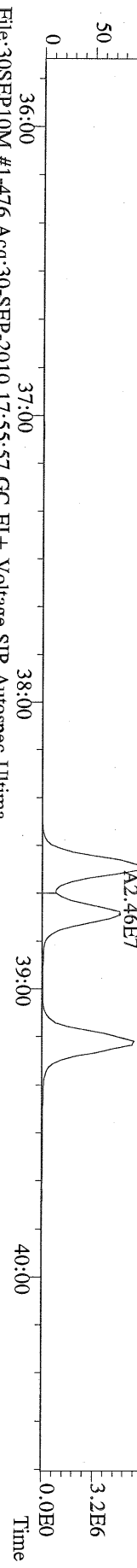
File:30SEP10M #1-476 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Utima  
 389.8156 S:10 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



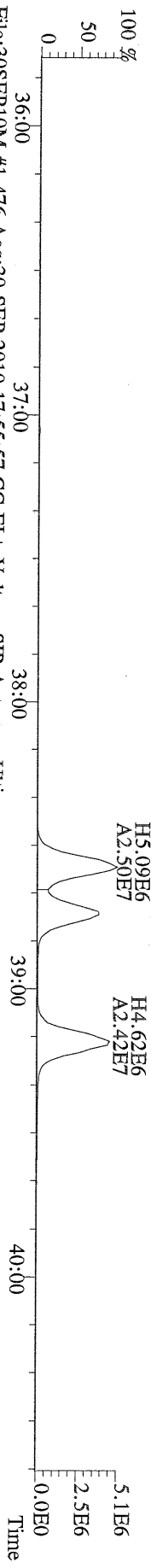
File:30SEP10M #1-476 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Utima  
 391.8127 S:10 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



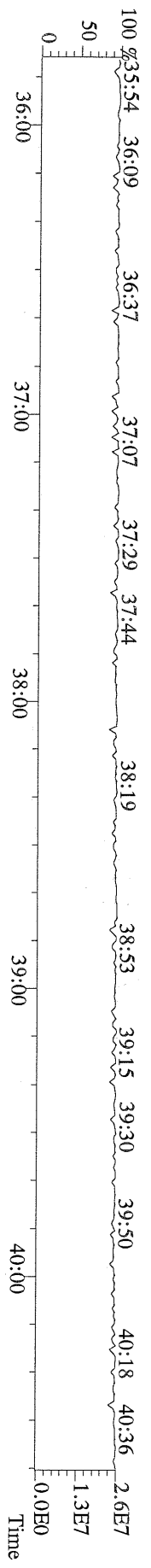
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 401.8559 S:10 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



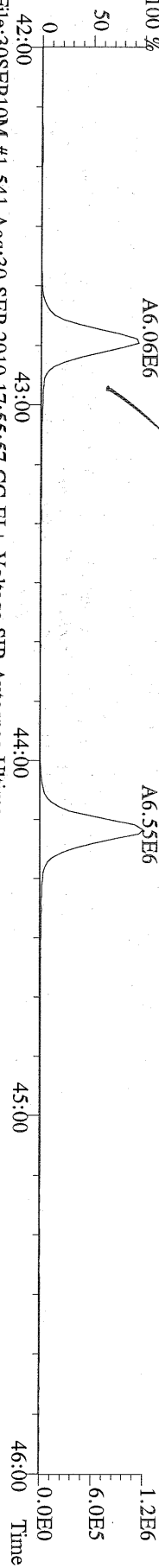
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 403.8530 S:10 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



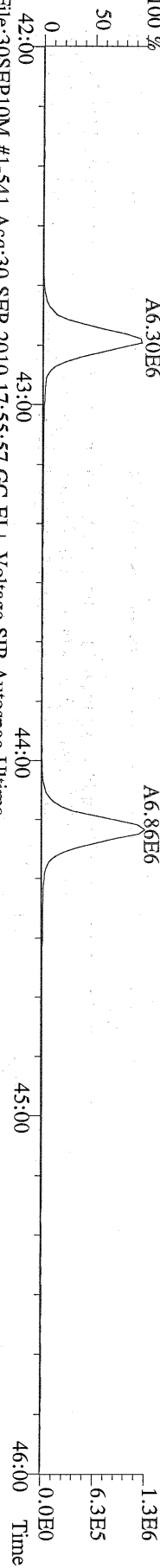
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 380.9760 S:10 F:3 Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



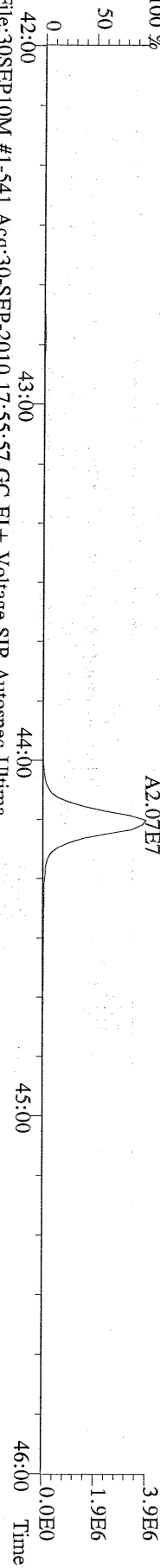
File:30SEP10M #1-541 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 423.7767 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



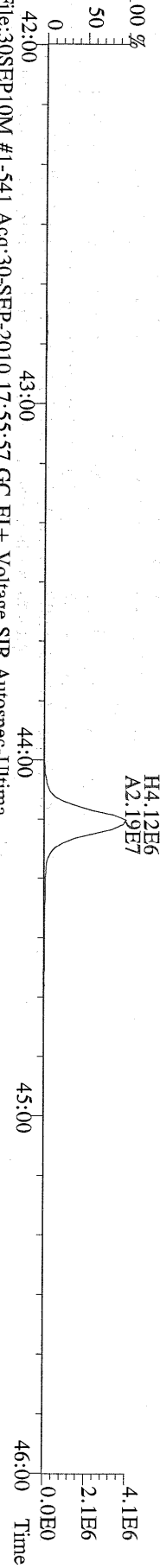
File:30SEP10M #1-541 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 425.7737 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



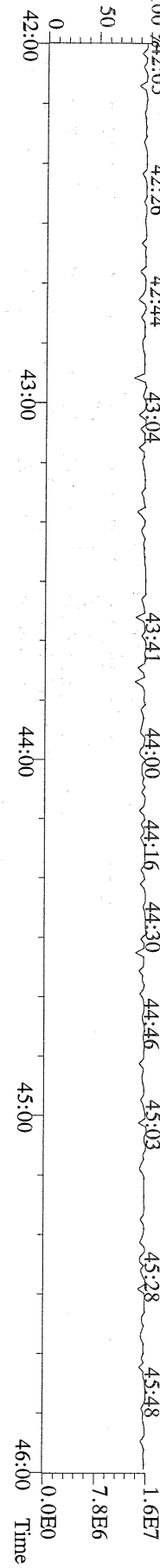
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 435.8169 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



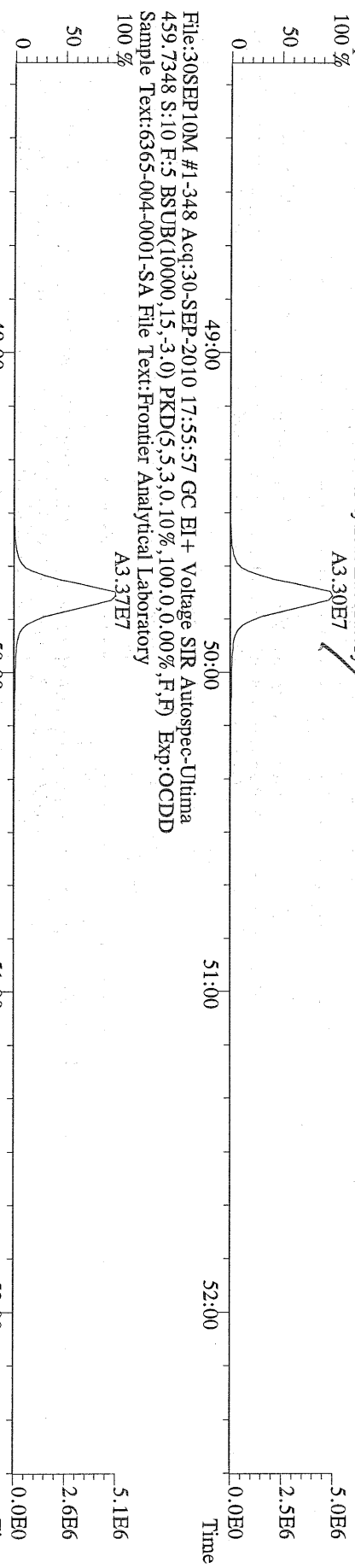
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 437.8140 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



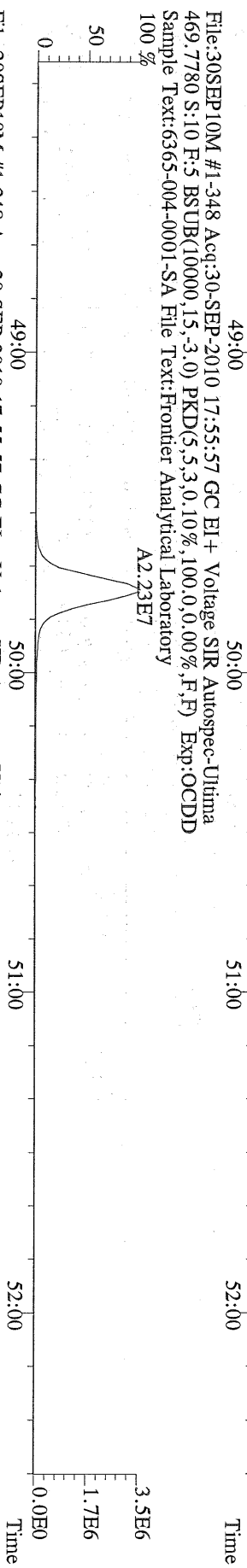
File:30SEP10M #1-541 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 430.9728 S:10 F:4 Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



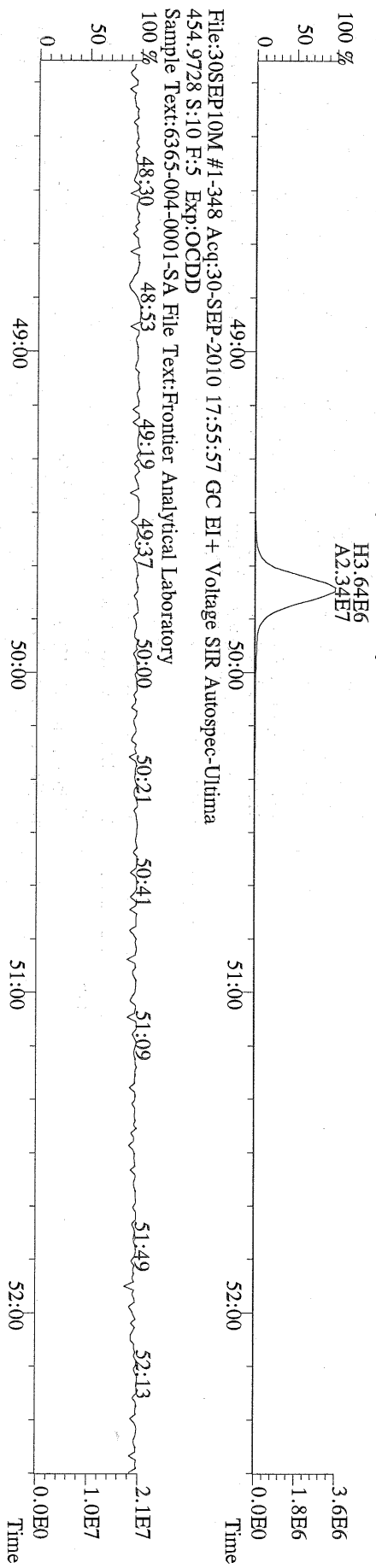
File:30SEP10M #1-348 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
457.7377 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory  
100 %



File:30SEP10M #1-348 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
459.7348 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory  
100 %



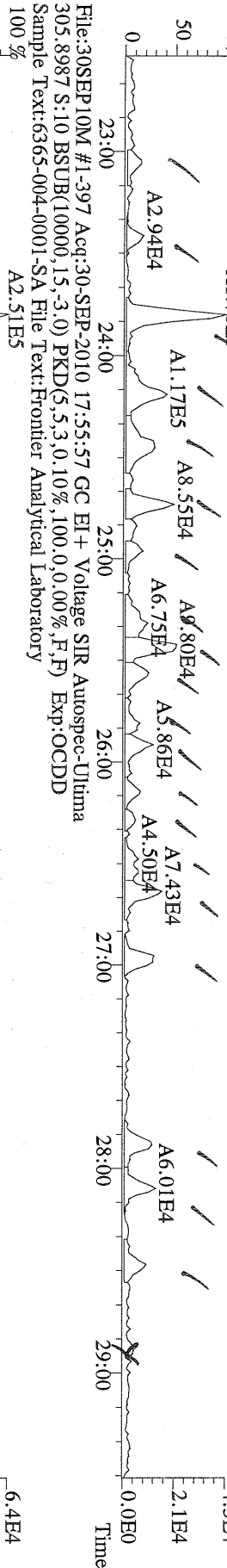
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471.7750 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



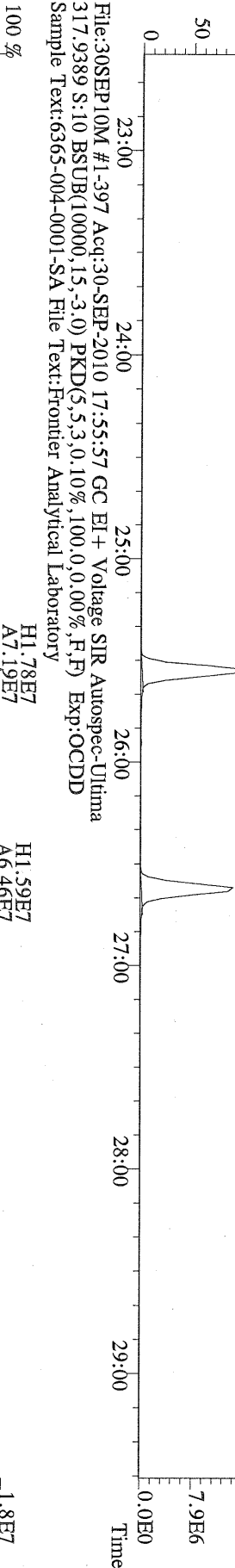
File:30SEP10M #1-348 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
454.9728 S:10 F:5 Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



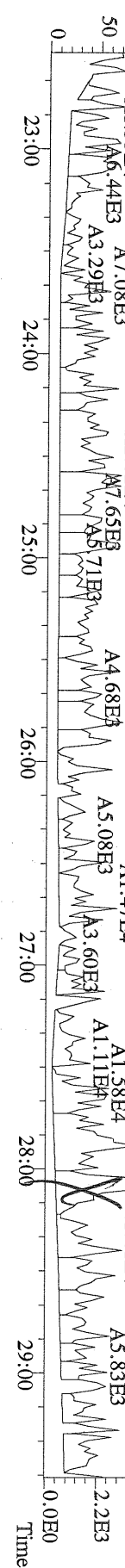
File:30SEP10M #1-397 Acq:30-SEP-2010 17:55:57 GC EI + Voltage SIR Autospec-Utima  
 303.9016 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



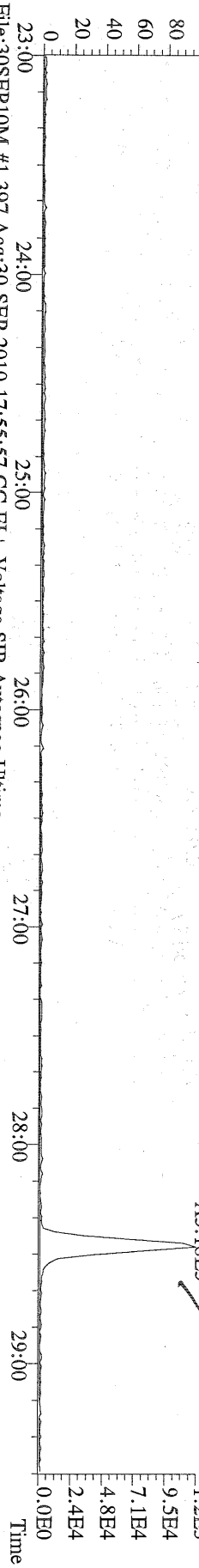
File:30SEP10M #1-397 Acq:30-SEP-2010 17:55:57 GC EI + Voltage SIR Autospec-Utima  
 315.9419 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



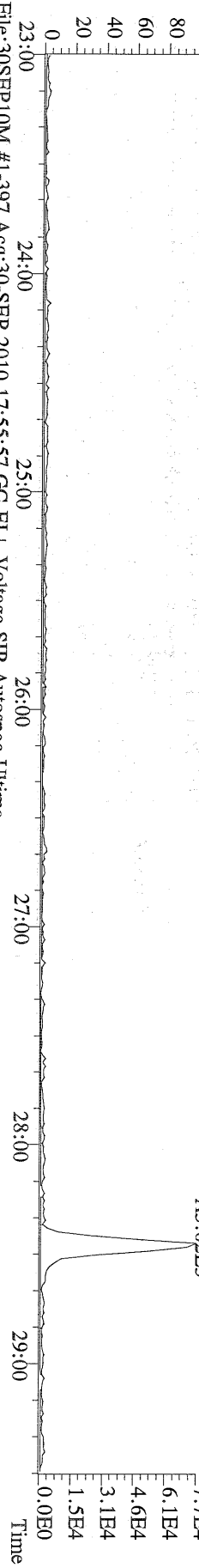
File:30SEP10M #1-397 Acq:30-SEP-2010 17:55:57 GC EI + Voltage SIR Autospec-Utima  
 375.8364 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



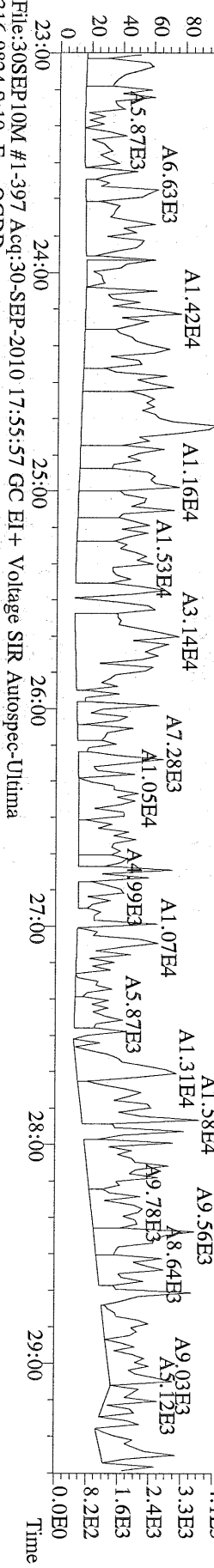
File:30SEP10M #1-397 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 339.8597 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory  
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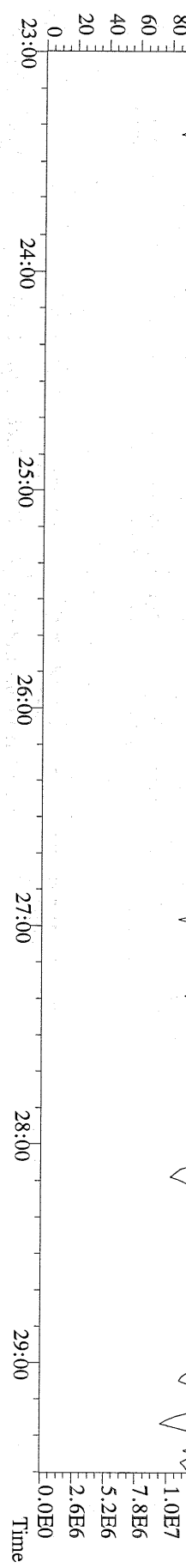
File:30SEP10M #1-397 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 341.8568 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory  
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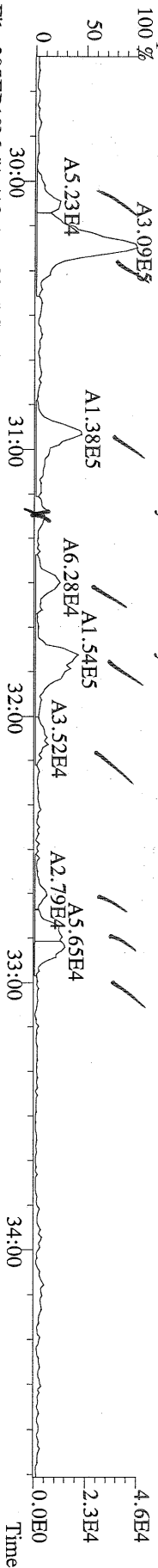
File:30SEP10M #1-397 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 409.7974 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



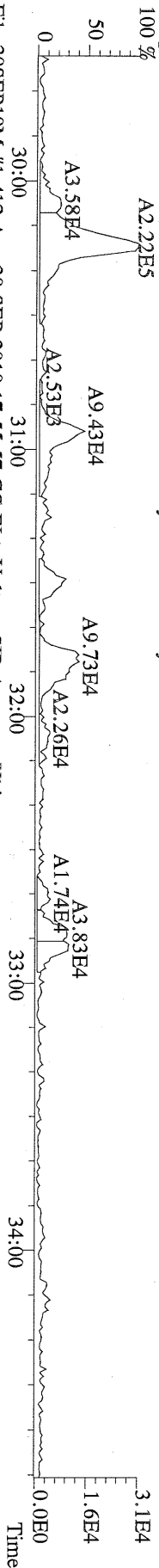
File:30SEP10M #1-397 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 316.9824 S:10 Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



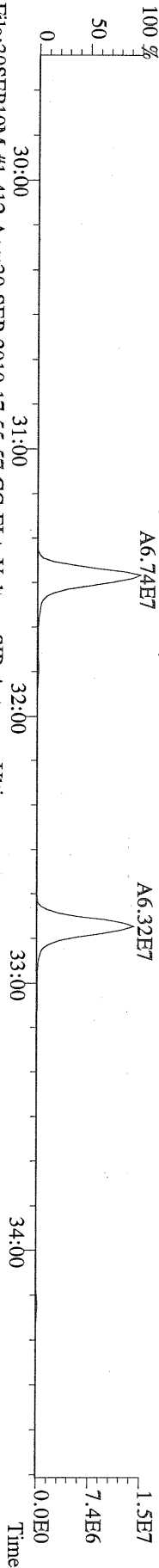
File:30SEP10M #1-412 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
339.8597 S:10 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



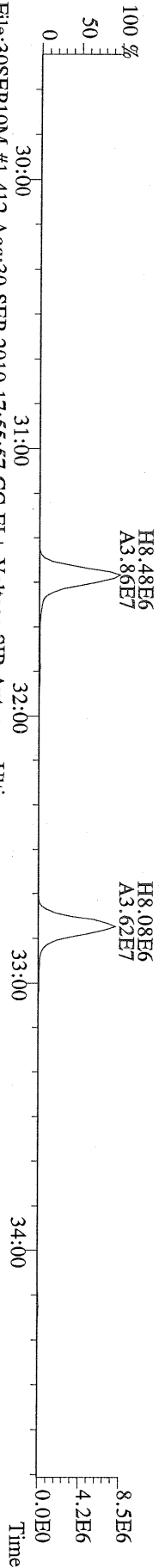
File:30SEP10M #1-412 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
341.8568 S:10 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



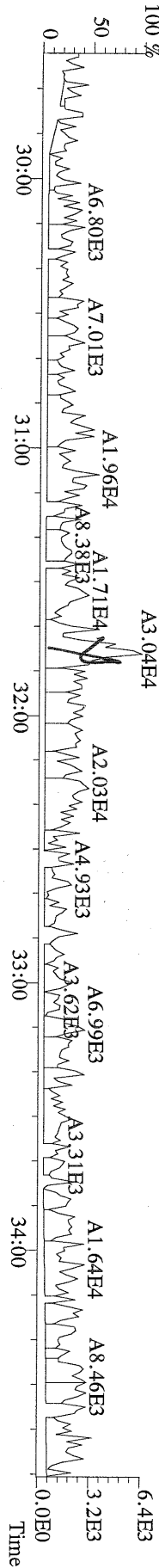
File:30SEP10M #1-412 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
351.9000 S:10 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



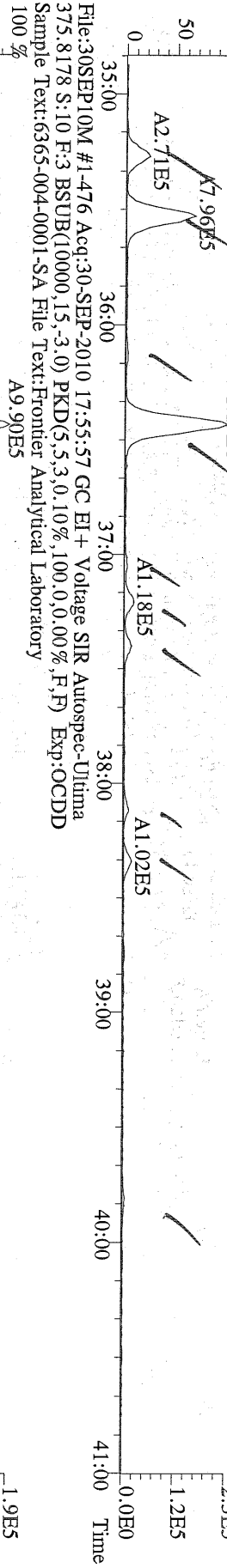
File:30SEP10M #1-412 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
353.8970 S:10 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



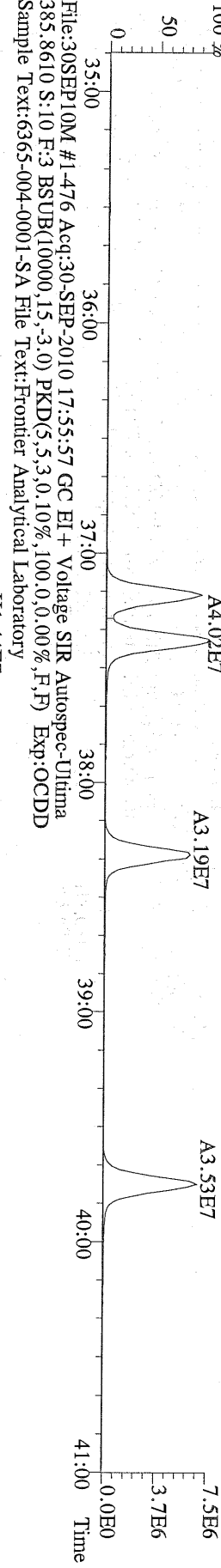
File:30SEP10M #1-412 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
409.7974 S:10 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



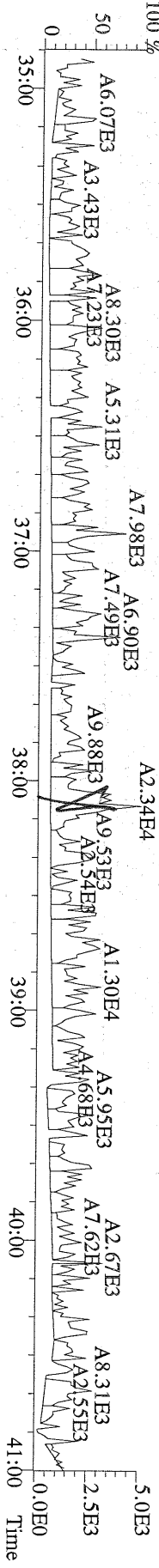
File:30SEPI0M #1-476 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 373.8207 S:10 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



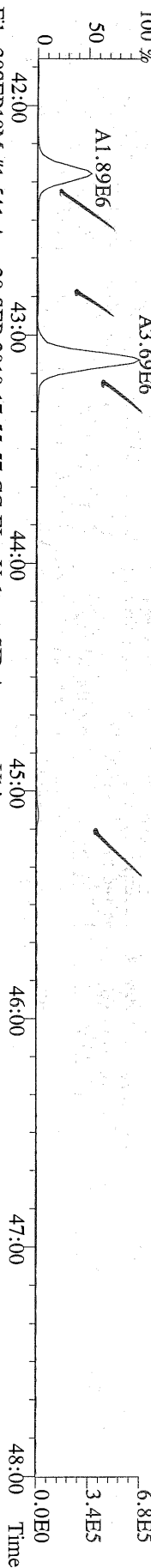
File:30SEPI0M #1-476 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 383.8639 S:10 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



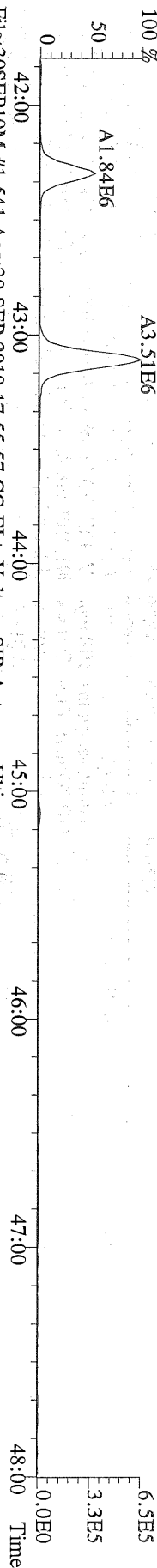
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 445.7555 S:10 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



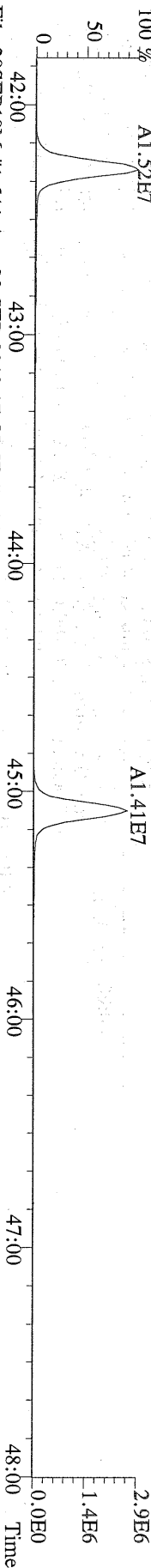
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 407.7818 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



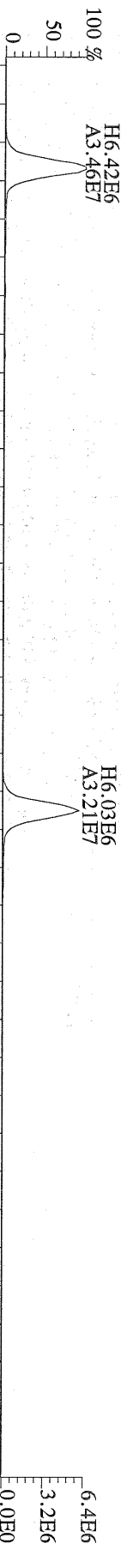
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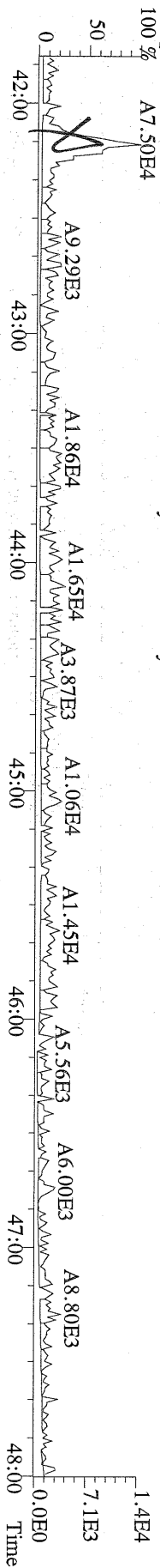
File:30SEP10M #1-541 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 417.8253 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



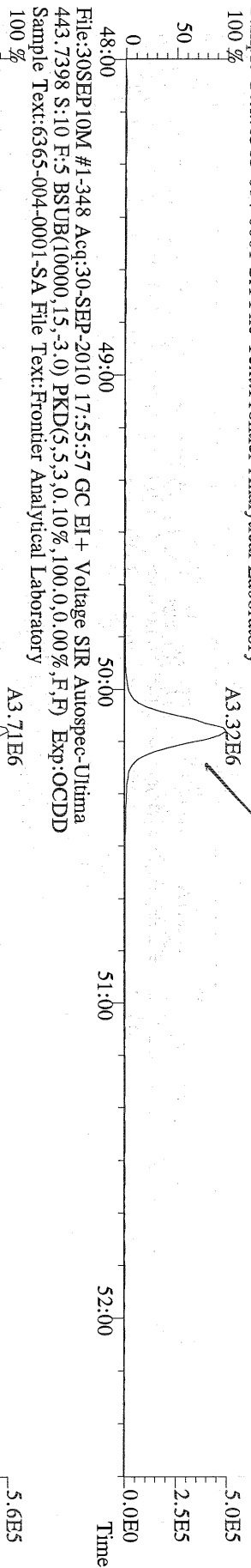
File:30SEP10M #1-541 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 419.8220 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



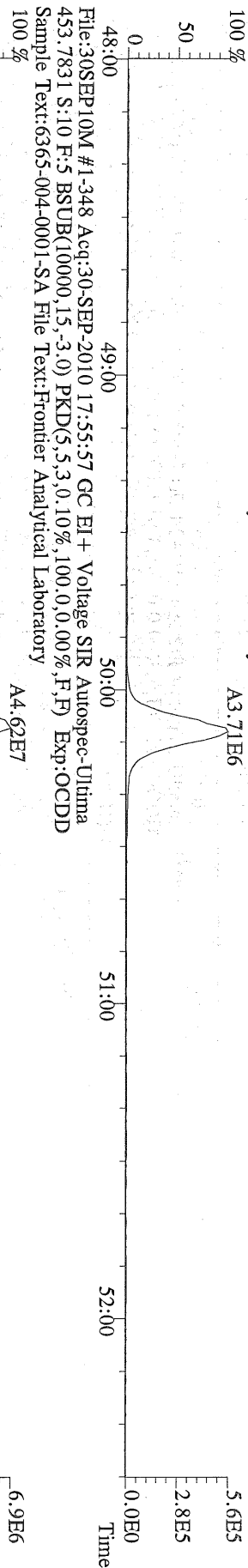
File:30SEP10M #1-541 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 479.7165 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



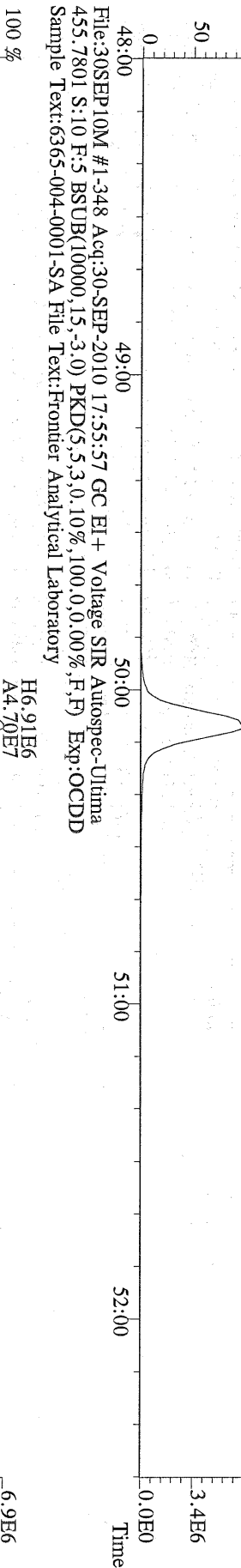
File:30SEP10M #1-348 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 441.7428 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0,0,0) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



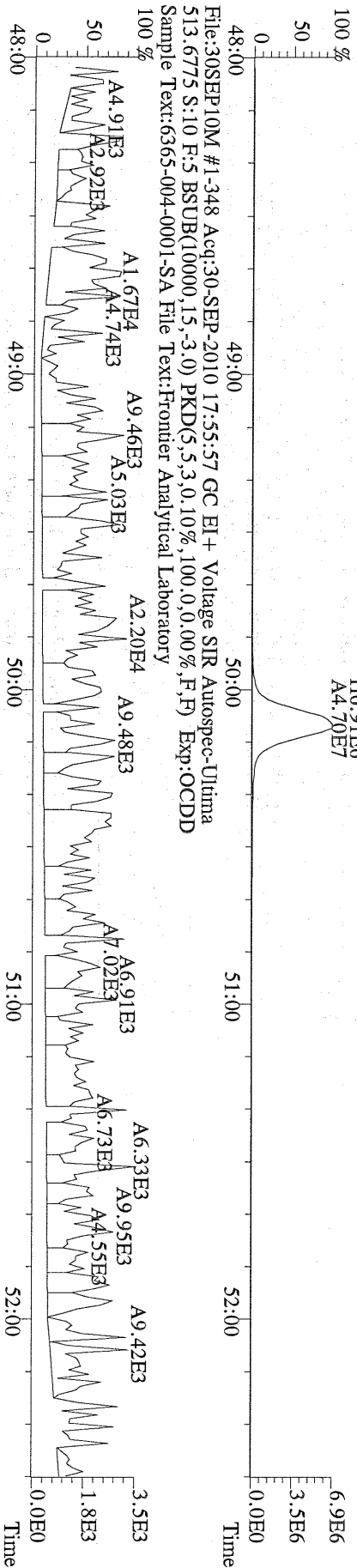
File:30SEP10M #1-348 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 443.7398 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0,0,0) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-348 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 453.7831 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0,0,0) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-348 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 455.7801 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0,0,0) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-348 Acq:30-SEP-2010 17:55:57 GC EI+ Voltage SIR Autospec-Ultima  
 513.6775 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0,0,0) Exp:OCDD  
 Sample Text:6365-004-0001-SA File Text:Frontier Analytical Laboratory

3.92  
3.93  
10/1/10

Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	Rec	#Hom
2,3,7,8-TCDD	2.18e+05	0.68 y	27:25	1.11	1.34		2.50	-	-	*	
1,2,3,7,8-PeCDD	1.05e+05	1.52 y	33:14	1.10	0.754	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDD	1.39e+05	1.40 y	38:37	1.37	0.904	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDD	3.17e+05	1.39 y	38:46	1.37	2.70	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDD	2.40e+05	1.42 y	39:12	1.36	1.79	J	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	5.52e+06	0.95 y	44:12	1.45	46.5		2.50	-	-	*	
OCDD	2.53e+07	0.97 y	49:46	1.43	370		2.50	-	-	*	
2,3,7,8-TCDF	2.30e+05	0.70 y	26:38	1.50	0.628	J	2.50	-	-	*	
1,2,3,7,8-PeCDF	9.29e+04	1.49 y	31:31	0.94	0.508	J	2.50	-	-	*	
2,3,4,7,8-PeCDF	1.12e+05	1.42 y	32:50	0.94	0.633	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDF	2.08e+05	1.21 y	37:13	0.93	1.13	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDF	2.16e+05	1.09 y	37:24	0.82	1.14	J	2.50	-	-	*	
2,3,4,6,7,8-HxCDF	1.66e+05	1.21 y	38:21	0.92	0.993	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDF	*	* n	NotFnd	1.00	*		2.50	1610	1310	0.202	
1,2,3,4,6,7,8-HpCDF	1.37e+06	1.04 y	42:19	1.39	10.2		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	1.22e+05	1.16 y	45:07	1.36	1.07	J	2.50	-	-	*	
OCDF	1.92e+06	0.90 y	50:08	0.79	25.5		2.50	-	-	*	
13C-2,3,7,8-TCDD	5.76e+07	0.81 y	27:24	1.02	336					85.2	
13C-1,2,3,7,8-PeCDD	4.97e+07	1.77 y	33:13	0.84	353					89.5	
13C-1,2,3,4,7,8-HxCDD	4.41e+07	1.26 y	38:35	1.07	367					93.1	
13C-1,2,3,6,7,8-HxCDD	3.37e+07	1.25 y	38:45	1.01	298					75.6	
13C-1,2,3,4,6,7,8-HpCDD	3.22e+07	0.94 y	44:11	0.86	337					85.4	
13C-OCDD	3.76e+07	0.96 y	49:45	0.55	616					78.1	
13C-2,3,7,8-TCDF	9.61e+07	0.86 y	26:38	0.99	351					89.0	
13C-1,2,3,7,8-PeCDF	7.65e+07	1.77 y	31:29	0.84	332					84.2	
13C-2,3,4,7,8-PeCDF	7.45e+07	1.78 y	32:47	0.81	333					84.5	
13C-1,2,3,4,7,8-HxCDF	7.82e+07	0.52 y	37:12	1.85	378					95.8	
13C-1,2,3,6,7,8-HxCDF	9.11e+07	0.51 y	37:23	2.54	322					81.5	
13C-2,3,4,6,7,8-HxCDF	7.18e+07	0.52 y	38:20	2.01	319					80.8	
13C-1,2,3,7,8,9-HxCDF	8.03e+07	0.52 y	39:45	2.03	354					89.7	
13C-1,2,3,4,6,7,8-HpCDF	3.84e+07	0.45 y	42:17	1.11	310					78.5	
13C-1,2,3,4,7,8,9-HpCDF	3.32e+07	0.44 y	45:06	0.80	370					93.8	
13C-OCDF	7.58e+07	0.99 y	50:06	1.08	627					79.4	
37Cl-2,3,7,8-TCDD	1.62e+07		27:25	0.69	141					89.5	
13C-1,2,3,4-TCDD	6.61e+07	0.82 y	26:49	-	29.0						
13C-1,2,3,4-TCDF	1.09e+08	0.88 y	25:34	-	29.6						
13C-1,2,3,7,8,9-HxCDD	4.41e+07	1.23 y	39:12	-	31.5						
Total Tetra-Dioxins	2.20e+06		24:24	1.11	13.6		2.50	-	-	*	8
Total Penta-Dioxins	2.49e+06		30:16	1.10	17.9	M	2.50	-	-	*	8
Total Hexa-Dioxins	3.98e+06		36:09	1.37	29.8		2.50	-	-	*	7
Total Hepta-Dioxins	1.02e+07		42:49	1.45	85.9		2.50	-	-	*	2
Total Tetra-Furans	5.27e+06		23:04	1.50	14.4		2.50	-	-	*	21
1st Fn. Tot Penta-Furans	9.34e+05		28:28	0.94	5.20	D,M	2.50	-	-	*	PeCDF 1
Total Penta-Furans	2.44e+06		30:05	0.94	13.6	D,M	2.50	-	-	*	18.8 13
Total Hexa-Furans	3.04e+06		35:16	0.91	16.5	D,M	2.50	-	-	*	8
Total Hepta-Furans	3.63e+06		42:19	1.38	28.3		2.50	-	-	*	4

Analyst: 

Date: 10/1/10

Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 19

File: 30SEP10M

S: 11 I: 1 F: 1

Acquired: 30-SEP-10 18:51:19

Total Concentration: 13.6

Unnamed Concentration: 12.233

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:24	4.35e+05	5.41e+05	0.80 y	9.75e+05	6.01	
24:41	2.59e+05	3.45e+05	0.75 y	6.05e+05	3.73	
25:35	3.26e+04	3.89e+04	0.84 y	7.15e+04	0.441	
25:47	3.34e+04	4.05e+04	0.82 y	7.39e+04	0.455	
25:57	4.99e+04	6.08e+04	0.82 y	1.11e+05	0.683	
26:30	2.15e+04	2.51e+04	0.86 y	4.67e+04	0.288	
27:10	4.73e+04	5.39e+04	0.88 y	1.01e+05	0.624	
27:25	8.81e+04	1.30e+05	0.68 y	2.18e+05	1.34	2,3,7,8-TCDD



Totals class: Total Penta-Dioxins

Entry #: 39

Run: 19

File: 30SEP10M

S: 11 I: 1 F: 2

Acquired: 30-SEP-10 18:51:19

Total Concentration: 17.9

Unnamed Concentration: 17.144

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:16	4.00e+05	2.62e+05	1.53 y	6.63e+05	4.77	
30:52	3.41e+04	3.66e+04	0.93 n	5.61e+04	0.404	
31:29	3.96e+05	2.52e+05	1.57 y	6.48e+05	4.67	
31:43	6.07e+04	3.73e+04	1.63 y	9.79e+04	0.705	
31:52	3.83e+05	2.49e+05	1.54 y	6.33e+05	4.55	
32:08	6.98e+04	4.72e+04	1.48 y	1.17e+05	0.842	
32:37	1.01e+05	6.63e+04	1.52 y	1.67e+05	1.20	
33:14	6.31e+04	4.16e+04	1.52 y	1.05e+05	0.754	1,2,3,7,8-PeCDD

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 19 File: 30SEP10M  
Acquired: 30-SEP-10 18:51:19

S: 11 I: 1 F: 3

Total Concentration: 29.8

Unnamed Concentration: 24.356

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:09	3.57e+05	2.52e+05	1.42 y	6.09e+05	4.51	
37:05	8.81e+05	6.34e+05	1.39 y	1.51e+06	11.2	
37:30	6.24e+05	4.65e+05	1.34 y	1.09e+06	8.07	
38:37	8.09e+04	5.77e+04	1.40 y	1.39e+05	0.904	1,2,3,4,7,8-HxCDD
38:46	1.85e+05	1.33e+05	1.39 y	3.17e+05	2.70	1,2,3,6,7,8-HxCDD
39:04	4.25e+04	3.27e+04	1.30 y	7.51e+04	0.557	
39:12	1.41e+05	9.90e+04	1.42 y	2.40e+05	1.79	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 19

File: 30SEP10M

S: 11 I: 1 F: 4

Acquired: 30-SEP-10 18:51:19

Total Concentration: 85.9

Unnamed Concentration: 39.326

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:49	2.27e+06	2.39e+06	0.95 y	4.66e+06	39.3	
44:12	2.69e+06	2.82e+06	0.95 y	5.52e+06	46.5	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 19

File: 30SEP10M

S: 11 I: 1 F: 1

Acquired: 30-SEP-10 18:51:19

Total Concentration: 14.4

Unnamed Concentration: 13.775

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:04	6.16e+04	8.66e+04	0.71 y	1.48e+05	0.405	
23:26	5.80e+04	7.75e+04	0.75 y	1.36e+05	0.371	
23:48	2.13e+05	3.22e+05	0.66 y	5.35e+05	1.46	
24:12	1.97e+05	2.81e+05	0.70 y	4.78e+05	1.31	
24:27	1.41e+05	2.12e+05	0.66 y	3.52e+05	0.963	
24:44	1.25e+05	1.86e+05	0.68 y	3.11e+05	0.850	
24:51	4.08e+04	5.98e+04	0.68 y	1.01e+05	0.275	
24:58	7.35e+04	9.32e+04	0.79 y	1.67e+05	0.456	
25:20	1.01e+05	1.53e+05	0.66 y	2.54e+05	0.693	
25:26	1.53e+05	2.23e+05	0.69 y	3.77e+05	1.03	
25:34	1.13e+05	1.57e+05	0.72 y	2.70e+05	0.738	
25:48	3.68e+04	4.70e+04	0.78 y	8.39e+04	0.229	
25:55	8.76e+04	1.27e+05	0.69 y	2.15e+05	0.587	
26:09	6.63e+04	9.27e+04	0.72 y	1.59e+05	0.435	
26:17	5.32e+04	7.70e+04	0.69 y	1.30e+05	0.356	
26:29	1.16e+05	1.56e+05	0.75 y	2.72e+05	0.744	
26:38	9.49e+04	1.35e+05	0.70 y	2.30e+05	0.628	2,3,7,8-TCDF
26:58	1.64e+05	2.28e+05	0.72 y	3.91e+05	1.07	
27:53	1.01e+05	1.39e+05	0.73 y	2.40e+05	0.657	
28:06	1.25e+05	1.76e+05	0.71 y	3.01e+05	0.824	
28:28	4.96e+04	6.80e+04	0.73 y	1.18e+05	0.322	

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

Run: 19      File: 30SEP10M      S: 11 I: 1 F: 1  
Acquired: 30-SEP-10 18:51:19

Total Concentration: 5.20      Unnamed Concentration: 5.195

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:28	5.52e+05	3.82e+05	1.45 y	9.34e+05	5.20	

Totals class: Total Penta-Furans

Entry #: 44

Run: 19

File: 30SEP10M

S: 11 I: 1 F: 2

Acquired: 30-SEP-10 18:51:19

Total Concentration: 13.6

Unnamed Concentration: 12.432

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:05	1.29e+05	8.83e+04	1.47 y	2.18e+05	1.21	
30:15	4.18e+05	3.04e+05	1.38 y	7.22e+05	4.02	
30:57	1.55e+05	1.01e+05	1.53 y	2.56e+05	1.42	
31:04	2.95e+04	1.83e+04	1.61 y	4.78e+04	0.266	
31:16	4.01e+04	2.28e+04	1.76 y	6.29e+04	0.350	
31:31	5.55e+04	3.73e+04	1.49 y	9.29e+04	0.508	1,2,3,7,8-PeCDF
31:47	2.72e+05	1.96e+05	1.39 y	4.68e+05	2.60	
32:05	5.89e+04	4.28e+04	1.38 y	1.02e+05	0.566	
32:40	5.68e+04	4.12e+04	1.38 y	9.79e+04	0.545	
32:50	6.57e+04	4.62e+04	1.42 y	1.12e+05	0.633	2,3,4,7,8-PeCDF
32:53	6.27e+04	4.62e+04	1.36 y	1.09e+05	0.606	
33:58	3.48e+04	2.26e+04	1.54 y	5.74e+04	0.319	
34:09	5.43e+04	3.95e+04	1.38 y	9.38e+04	0.522	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 19

File: 30SEP10M

S: 11 I: 1 F: 3

Acquired: 30-SEP-10 18:51:19

Total Concentration: 16.5

Unnamed Concentration: 13.216

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:16	1.60e+05	1.29e+05	1.24 y	2.89e+05	1.56	
35:32	6.08e+05	5.04e+05	1.21 y	1.11e+06	6.00	
36:27	4.04e+05	3.33e+05	1.21 y	7.37e+05	3.98	
37:04	3.54e+04	3.16e+04	1.12 y	6.70e+04	0.361	
37:13	1.14e+05	9.45e+04	1.21 y	2.08e+05	1.13	1,2,3,4,7,8-HxCDF
37:24	1.13e+05	1.04e+05	1.09 y	2.16e+05	1.14	1,2,3,6,7,8-HxCDF
38:07	1.33e+05	1.12e+05	1.18 y	2.45e+05	1.32	
38:21	9.08e+04	7.52e+04	1.21 y	1.66e+05	0.993	2,3,4,6,7,8-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 19 File: 30SEP10M S: 11 I: 1 F: 4  
Acquired: 30-SEP-10 18:51:19

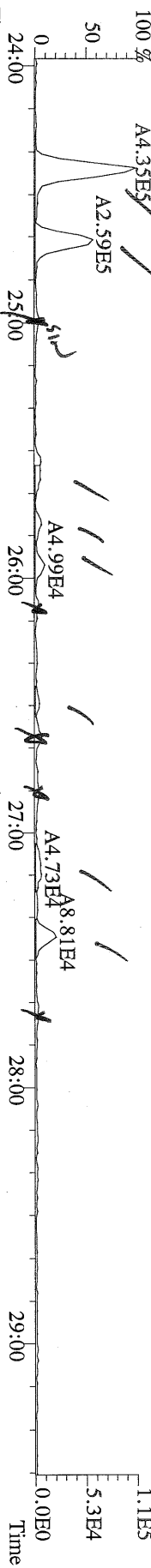
Total Concentration: 28.3

Unnamed Concentration: 17.105

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:19	6.99e+05	6.74e+05	1.04 y	1.37e+06	10.2	1,2,3,4,6,7,8-HpCDF
42:51	4.03e+04	4.02e+04	1.00 y	8.05e+04	0.644	
43:07	1.06e+06	9.99e+05	1.06 y	2.06e+06	16.5	
45:07	6.57e+04	5.67e+04	1.16 y	1.22e+05	1.07	1,2,3,4,7,8,9-HpCDF



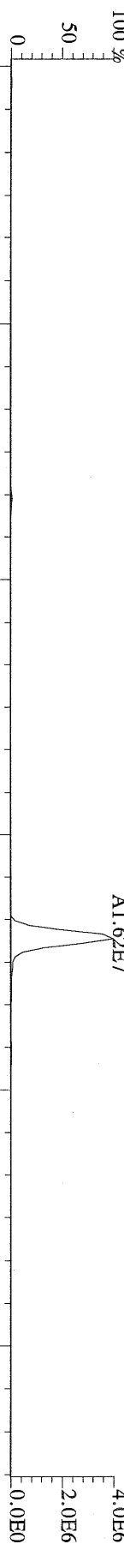
File:30SEP10M #1-397 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 319.8965 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory  
 100%



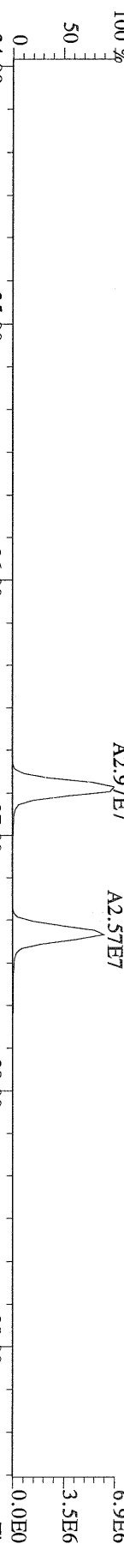
File:30SEP10M #1-397 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 321.8936 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory  
 100%



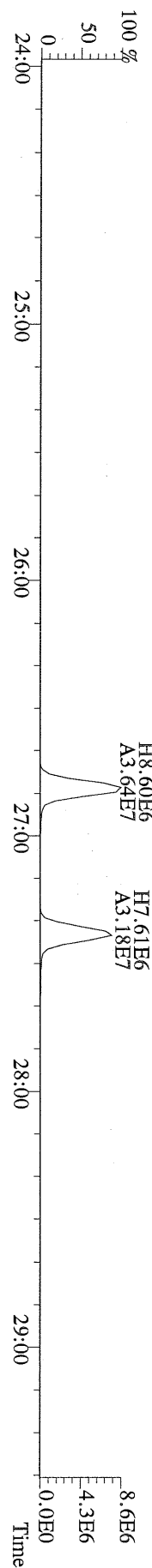
File:30SEP10M #1-397 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 327.8847 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory  
 100%



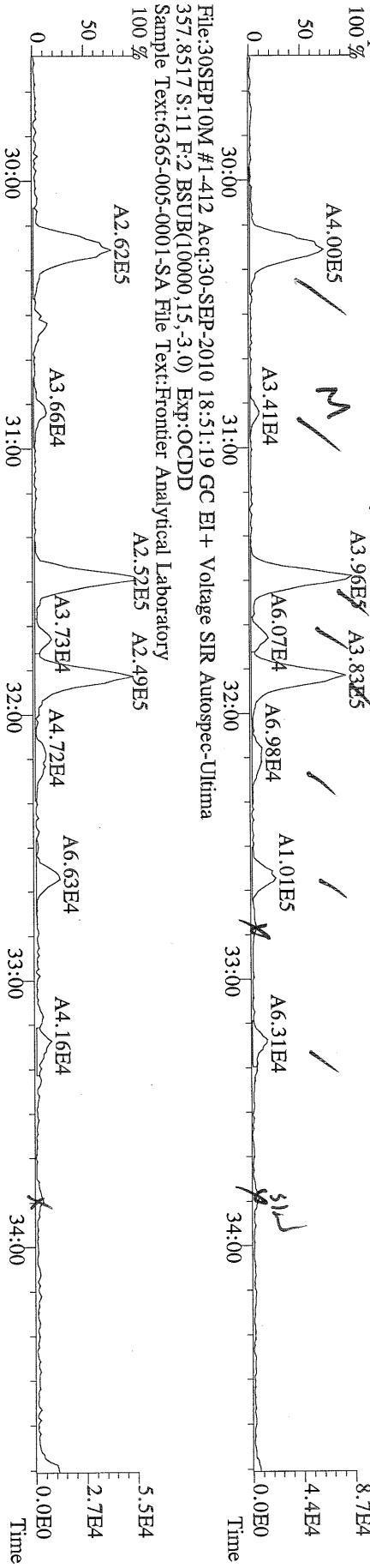
File:30SEP10M #1-397 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 331.9368 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory  
 100%



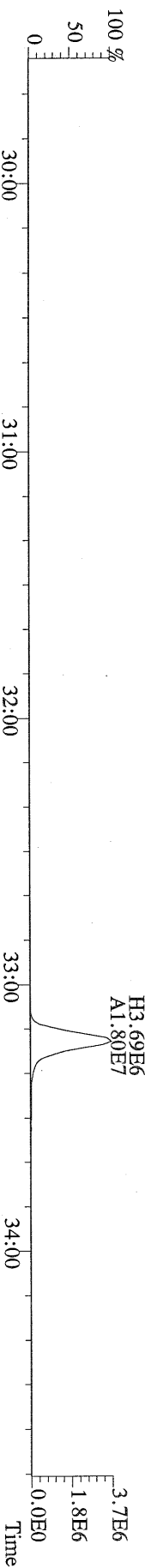
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 333.9339 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory  
 100%



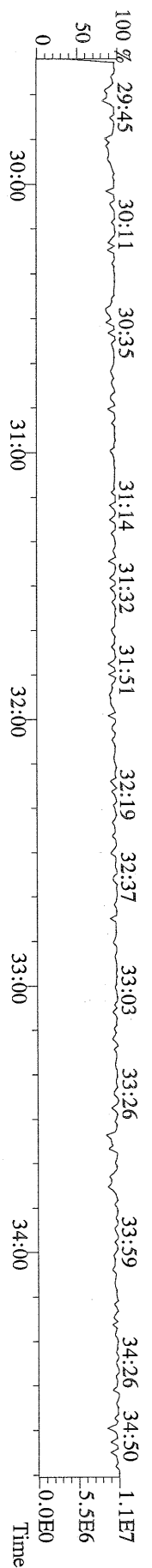
File:30SEP10M #1-412 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 355.8546 S:11 F:2 BSUB(10000,15,-3.0) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



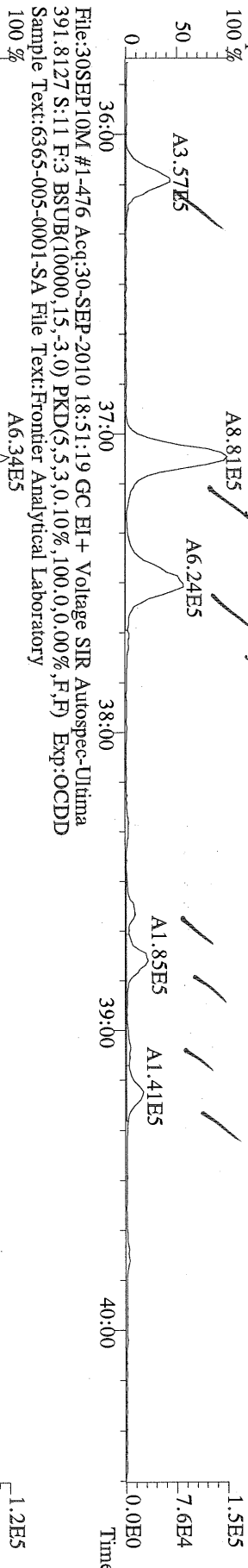
File:30SEP10M #1-412 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 367.8949 S:11 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



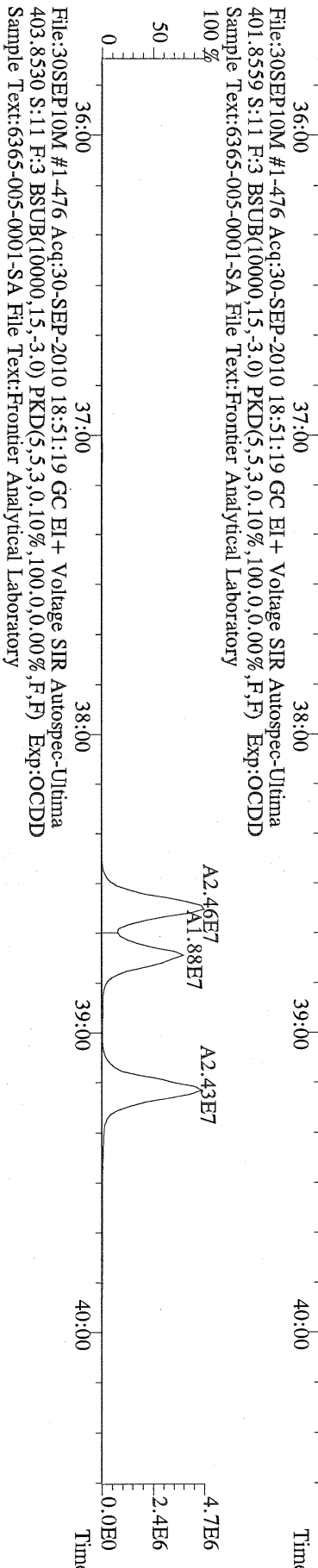
File:30SEP10M #1-412 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 366.9792 S:11 F:2 Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



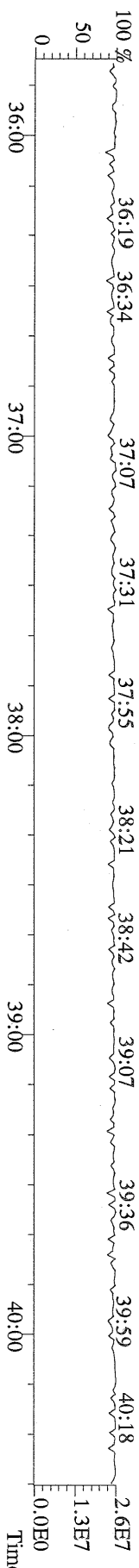
File:30SEP10M #1-476 Acq:30-SEP-2010 18:51:19 GC EI + Voltage SIR Autospec-Ultima  
 389.8156 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



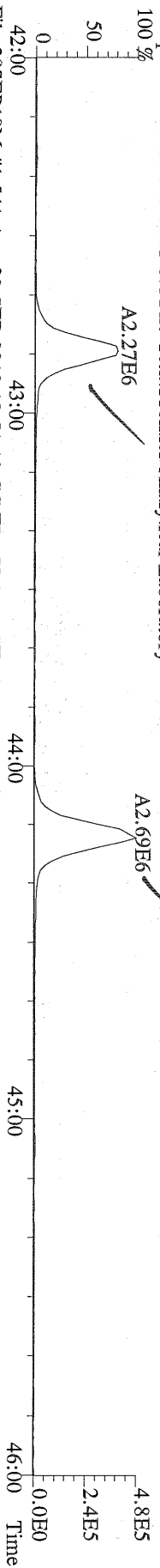
File:30SEP10M #1-476 Acq:30-SEP-2010 18:51:19 GC EI + Voltage SIR Autospec-Ultima  
 401.8559 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



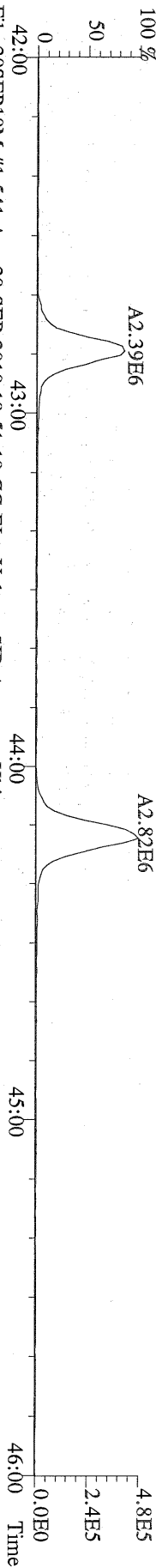
File:30SEP10M #1-476 Acq:30-SEP-2010 18:51:19 GC EI + Voltage SIR Autospec-Ultima  
 380.9760 S:11 F:3 Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



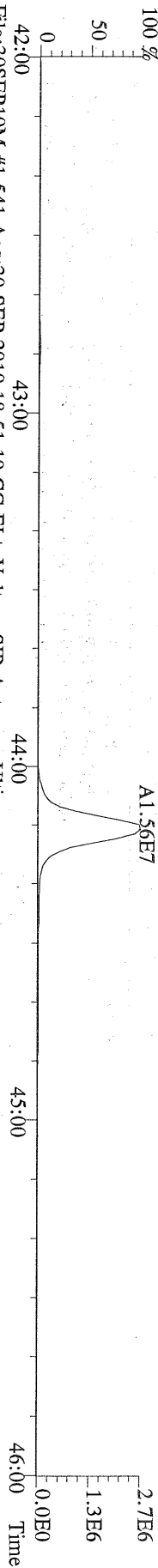
File:30SEP10M #1-541 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Utima  
423.7767 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



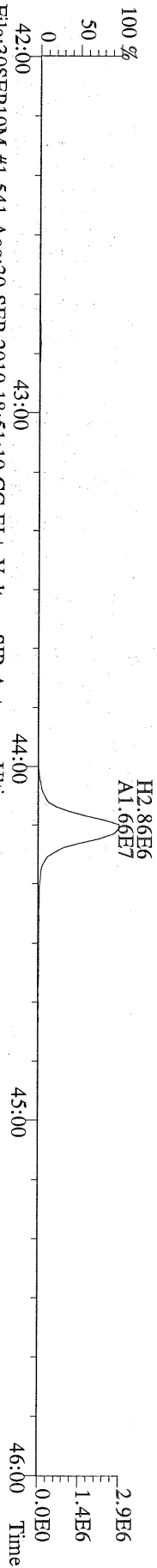
File:30SEP10M #1-541 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Utima  
425.7737 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



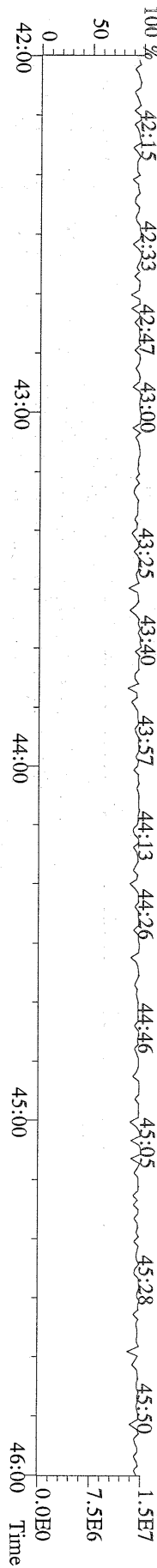
File:30SEP10M #1-541 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Utima  
435.8169 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



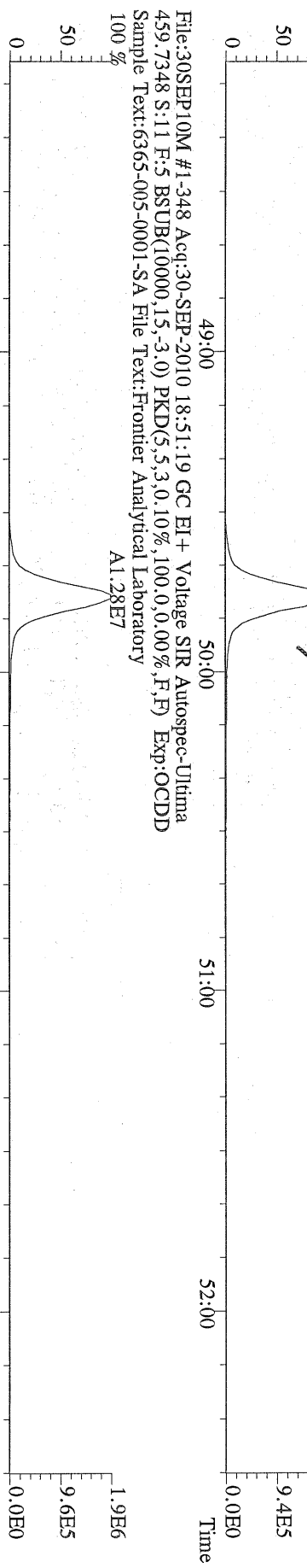
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437.8140 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



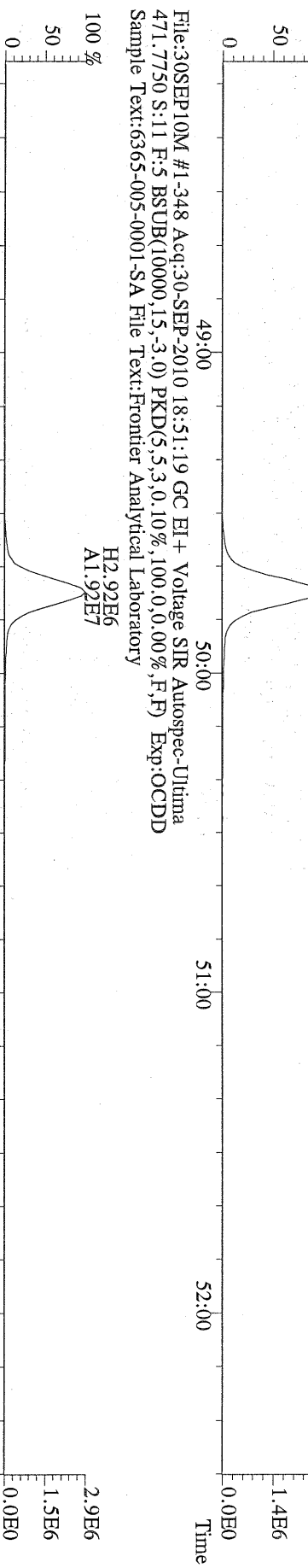
File:30SEP10M #1-541 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Utima  
430.9728 S:11 F:4 Exp:OCDD  
Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



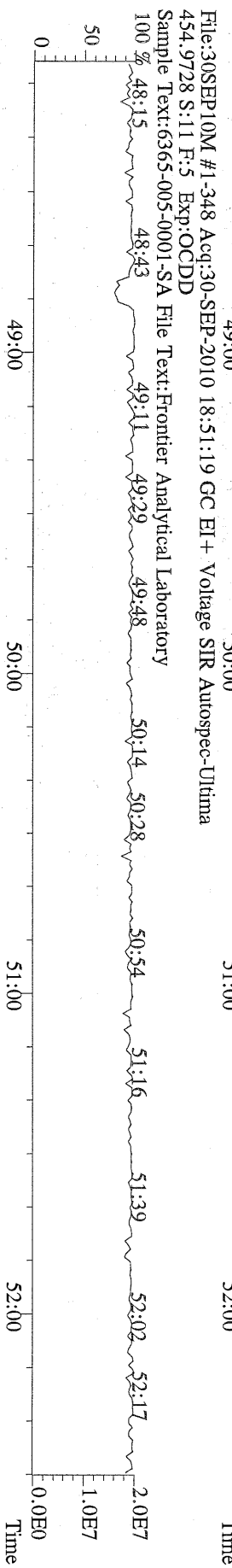
File:30SEP10M #1-348 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 457.7377 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



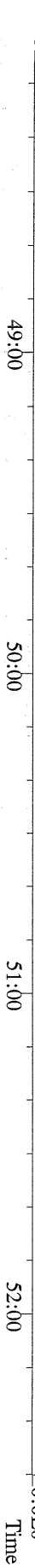
File:30SEP10M #1-348 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 469.7780 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



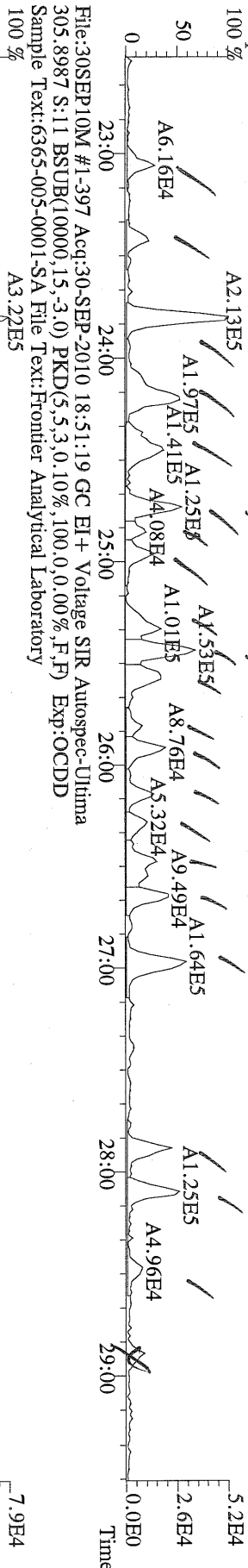
File:30SEP10M #1-348 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 471.7750 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



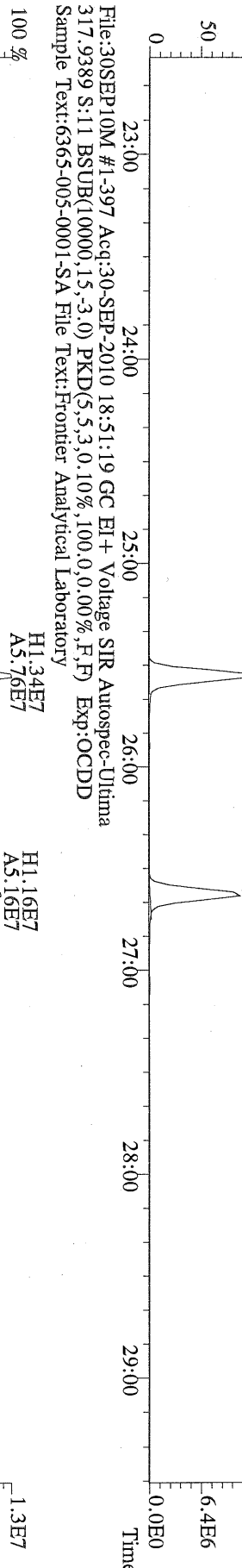
File:30SEP10M #1-348 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 454.9728 S:11 F:5 Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



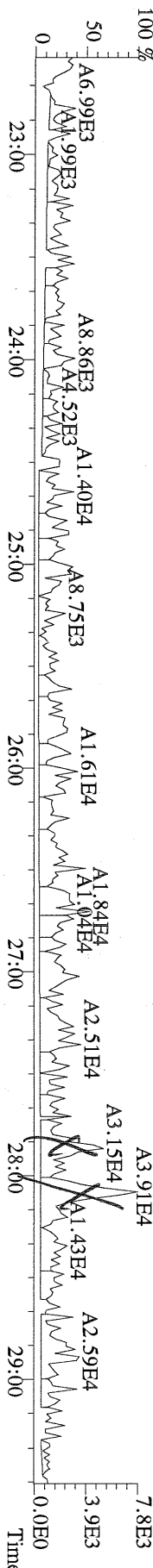
File:30SEP10M #1-397 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
303.9016 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



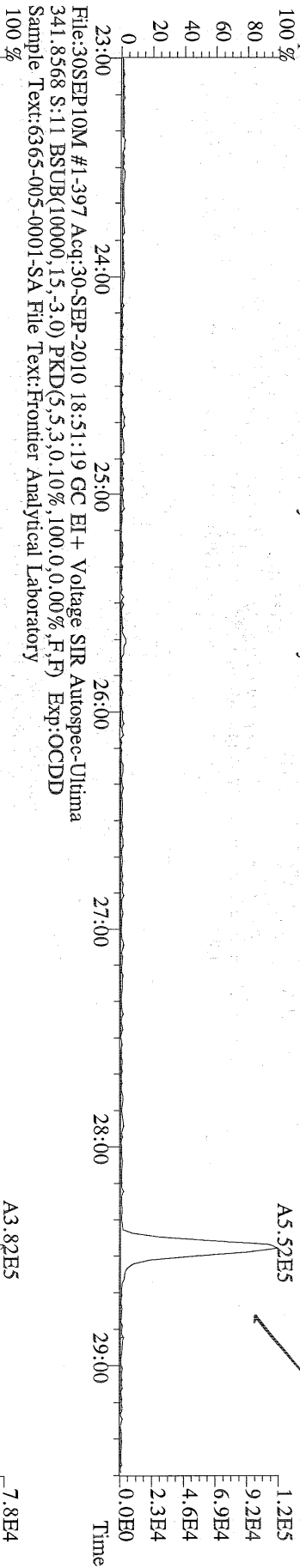
File:30SEP10M #1-397 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
315.9419 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



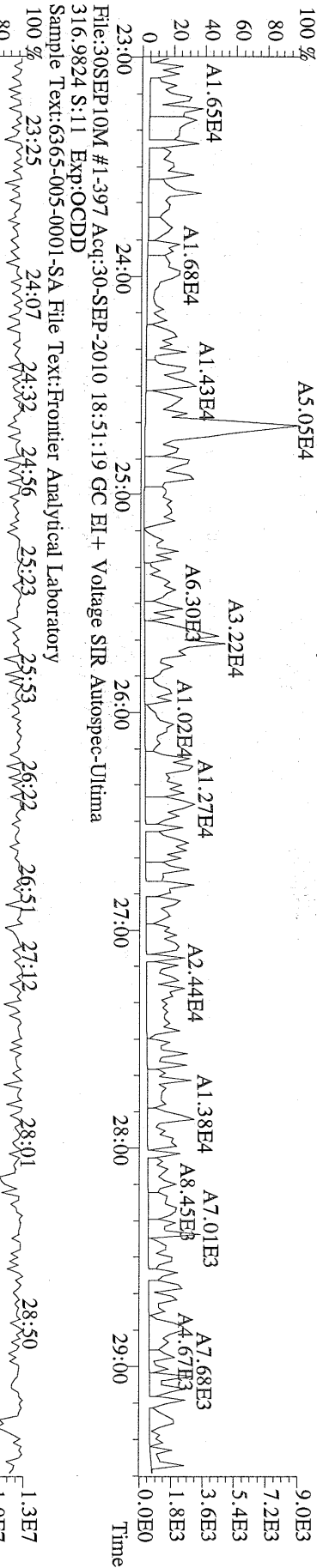
File:30SEP10M #1-397 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
375.8364 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-397 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Utima  
 339.8597 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



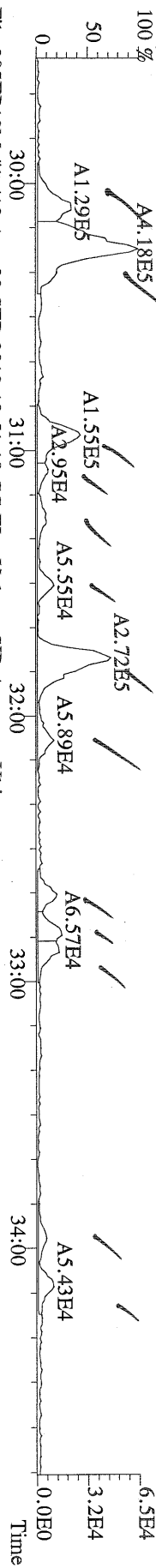
File:30SEP10M #1-397 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Utima  
 409.7974 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



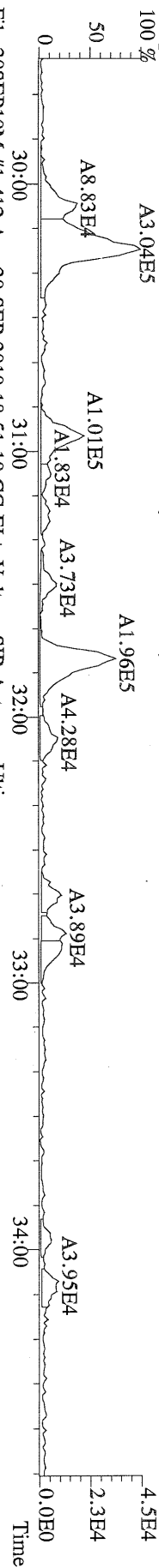
File:30SEP10M #1-397 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Utima  
 316.9824 S:11 Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



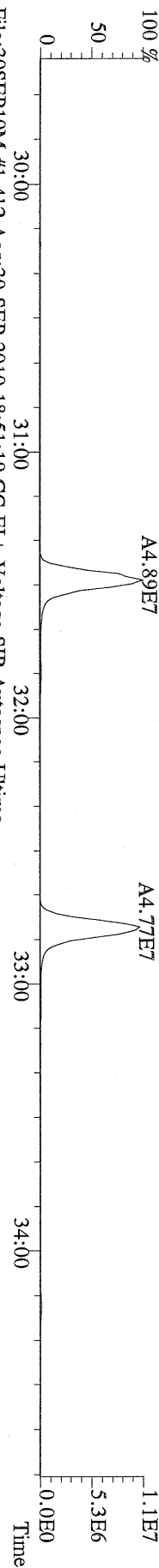
File:30SEP10M #1-412 Acq:30-SEP-2010 18:51:19 GC EI + Voltage SIR Autospec-Ultima  
 339.8597 S:11 F:2 BSUB(10000,15,-3.0) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



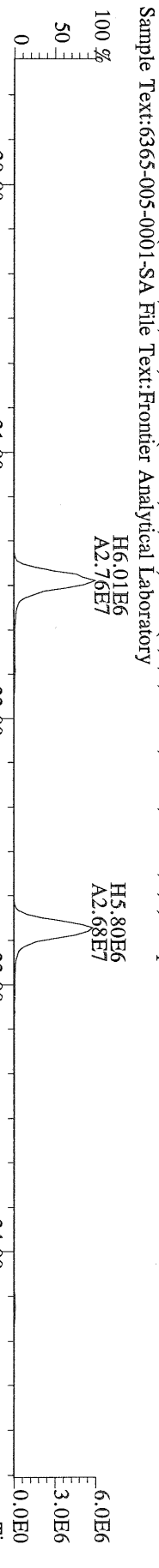
File:30SEP10M #1-412 Acq:30-SEP-2010 18:51:19 GC EI + Voltage SIR Autospec-Ultima  
 341.8568 S:11 F:2 BSUB(10000,15,-3.0) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



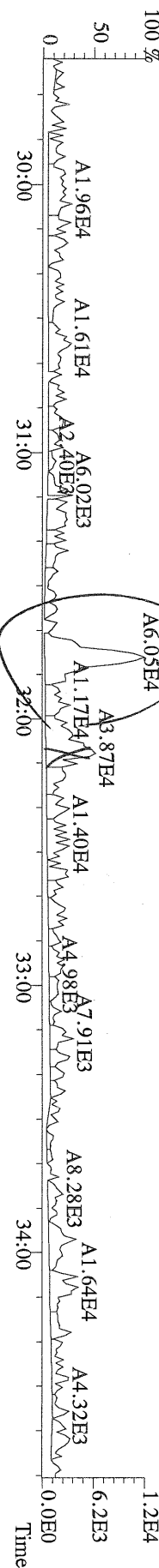
File:30SEP10M #1-412 Acq:30-SEP-2010 18:51:19 GC EI + Voltage SIR Autospec-Ultima  
 351.9000 S:11 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-412 Acq:30-SEP-2010 18:51:19 GC EI + Voltage SIR Autospec-Ultima  
 353.8970 S:11 F:2 BSUB(10000,15,-3.0) BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory

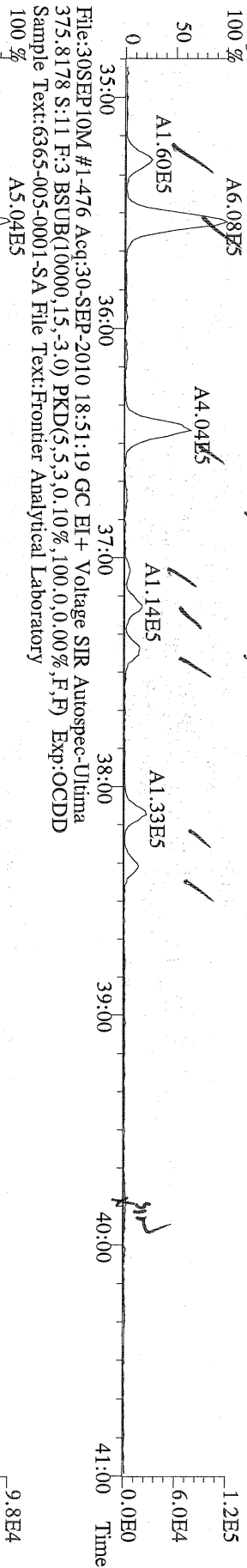


File:30SEP10M #1-412 Acq:30-SEP-2010 18:51:19 GC EI + Voltage SIR Autospec-Ultima  
 409.7974 S:11 F:2 BSUB(10000,15,-3.0) BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory

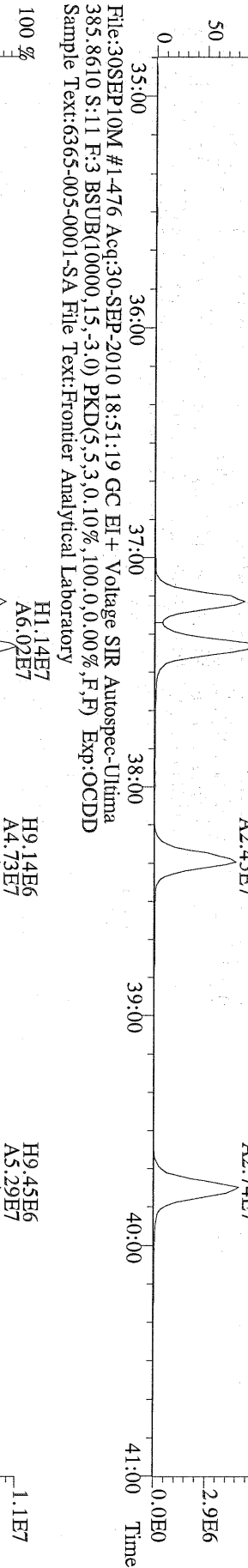




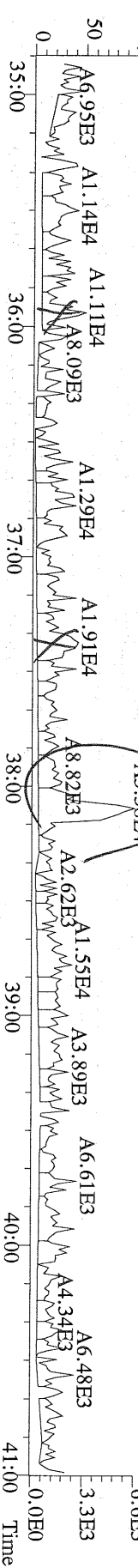
File:30SEP10M #1-476 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 373.8207 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



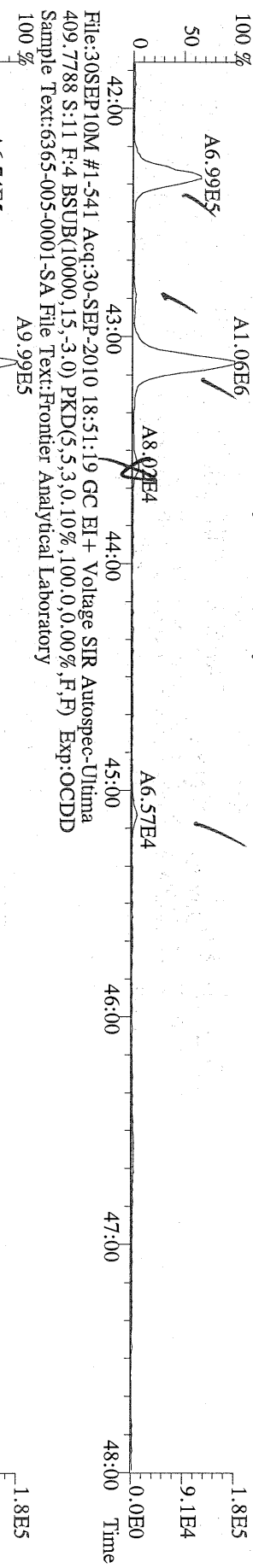
File:30SEP10M #1-476 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 383.8639 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



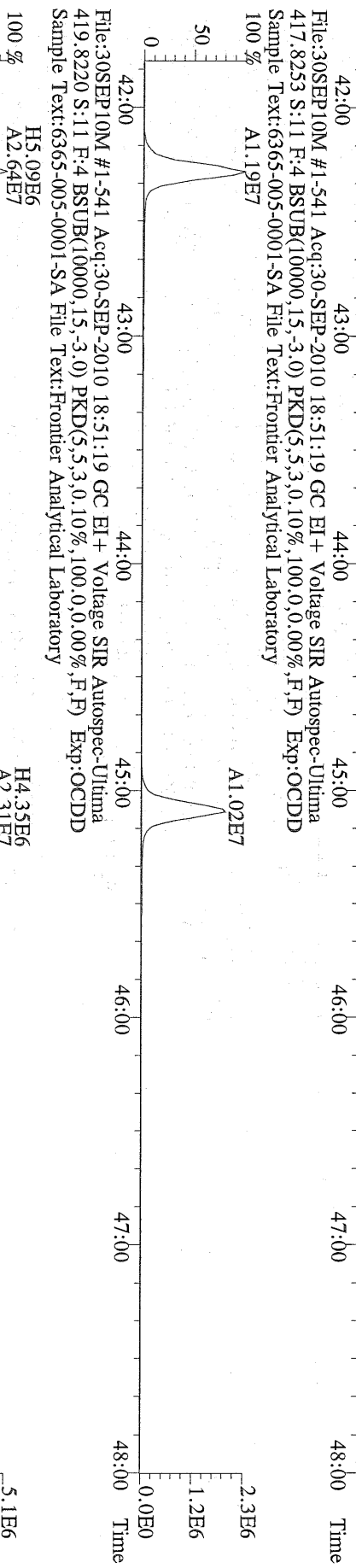
File:30SEP10M #1-476 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 445.7555 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



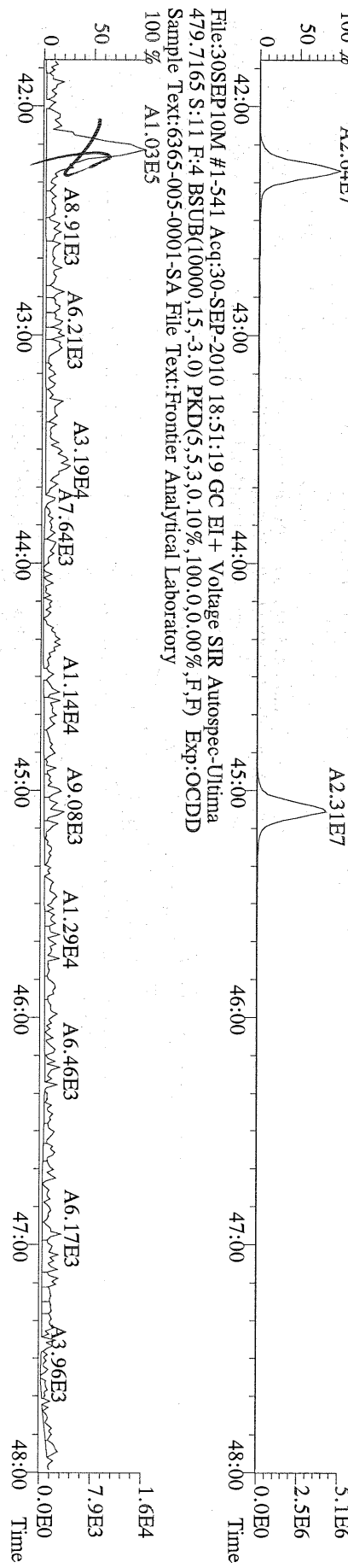
File:30SEP10M #1-541 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 407.7818 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



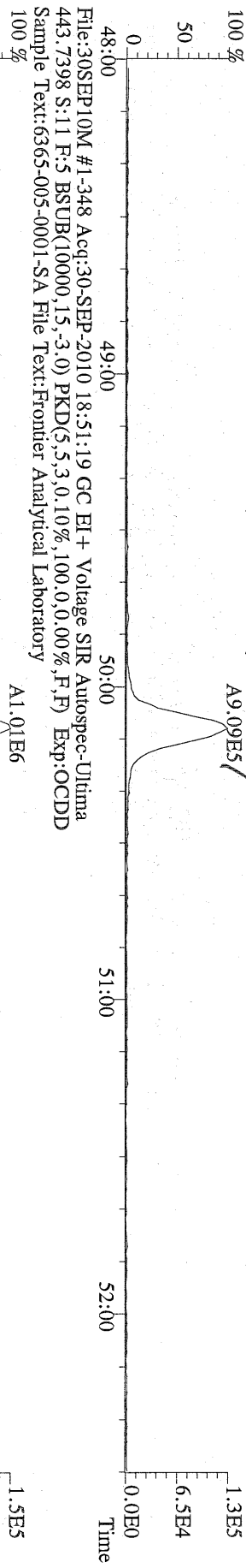
File:30SEP10M #1-541 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 417.8253 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



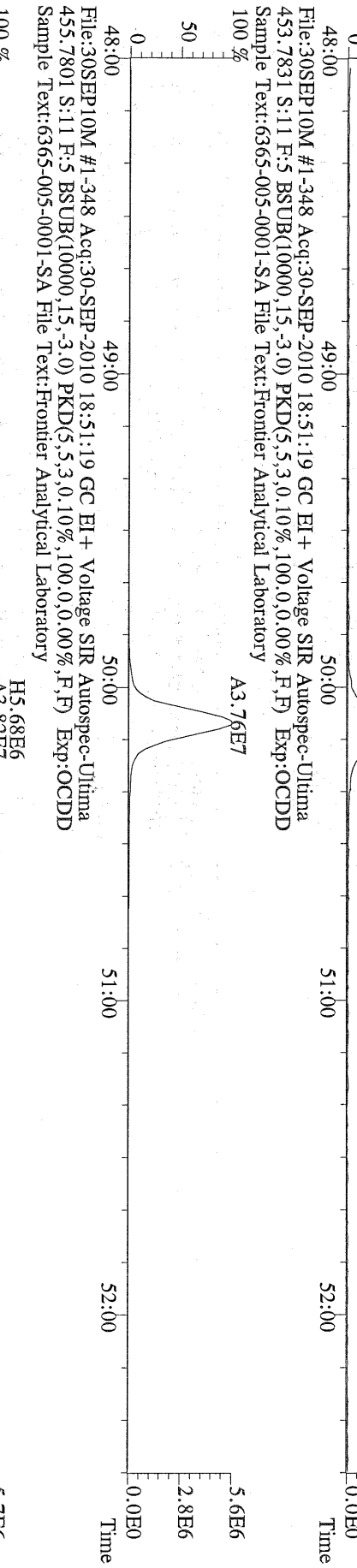
File:30SEP10M #1-541 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
 479.7165 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0) Exp:OCDD  
 Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



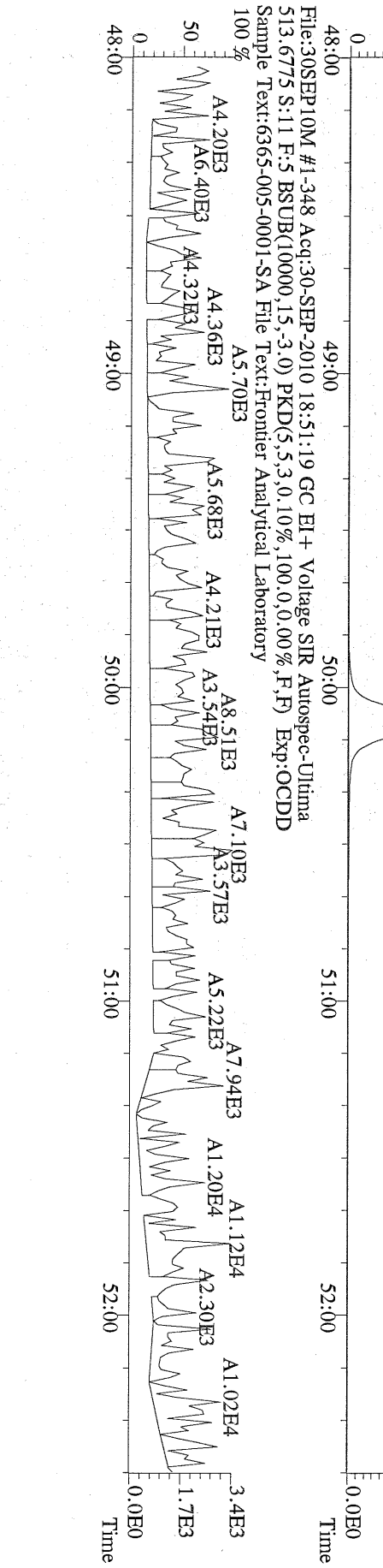
File:30SEP10M #1-348 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
441.7428 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



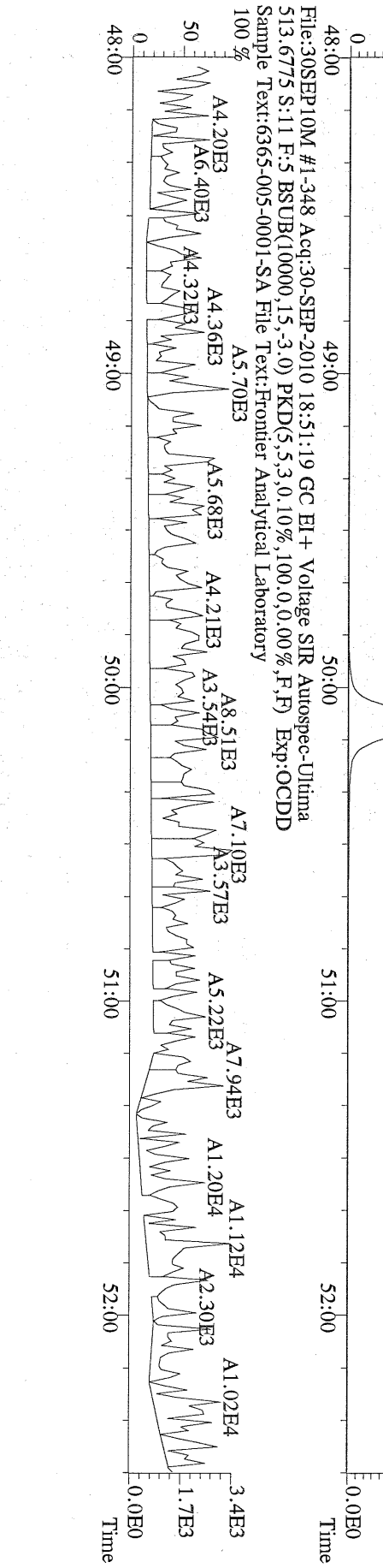
File:30SEP10M #1-348 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
443.7398 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



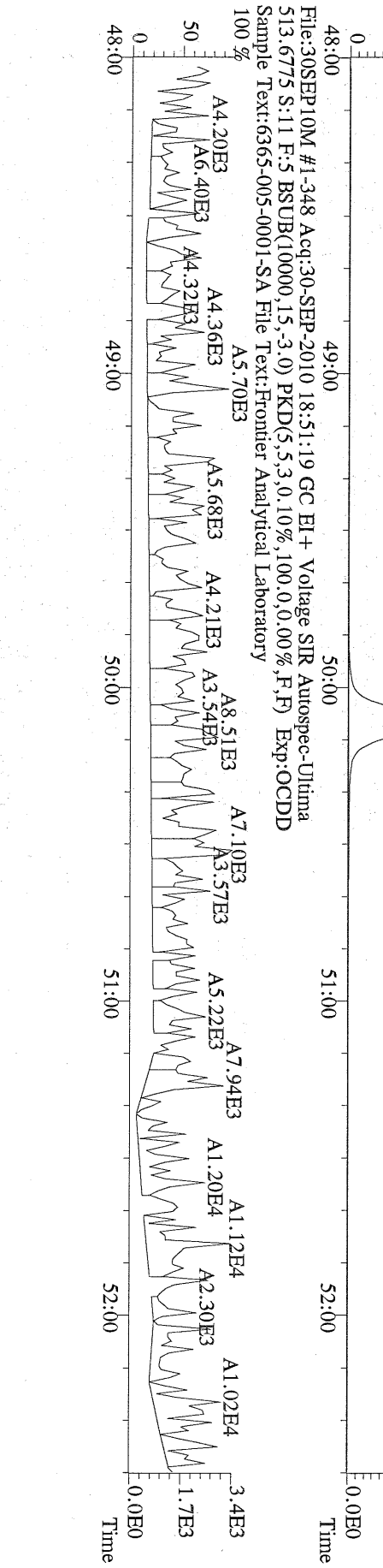
File:30SEP10M #1-348 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
453.7831 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory




File:30SEP10M #1-348 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
455.7801 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-348 Acq:30-SEP-2010 18:51:19 GC EI+ Voltage SIR Autospec-Ultima  
513.6775 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-005-0001-SA File Text:Frontier Analytical Laboratory



Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	Rec	#Hom
2,3,7,8-TCDD	1.49e+05	0.75 y	27:26	1.11	0.891	J	2.50	-	-	*	
1,2,3,7,8-PeCDD	1.85e+05	1.46 y	33:15	1.10	1.19	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDD	2.29e+05	1.36 y	38:36	1.37	1.48	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDD	6.62e+05	1.41 y	38:46	1.37	5.45		2.50	-	-	*	
1,2,3,7,8,9-HxCDD	3.80e+05	1.30 y	39:13	1.36	2.78	J	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	1.74e+07	0.96 y	44:12	1.45	137		2.50	-	-	*	
OCDD	8.31e+07	0.97 y	49:47	1.43	1110		2.50	-	-	*	
2,3,7,8-TCDF	5.99e+05	0.72 y	26:39	1.50	1.68		2.50	-	-	*	
1,2,3,7,8-PeCDF	2.03e+05	1.48 y	31:31	0.94	1.28	J	2.50	-	-	*	
2,3,4,7,8-PeCDF	3.91e+05	1.44 y	32:51	0.94	1.91	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDF	5.38e+05	1.18 y	37:12	0.93	2.90	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDF	5.96e+05	1.22 y	37:24	0.82	3.10	J	2.50	-	-	*	
2,3,4,6,7,8-HxCDF	6.15e+05	1.23 y	38:21	0.92	3.57	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDF	1.27e+05	1.11 y	39:50	1.00	0.634	J	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDF	4.73e+06	1.06 y	42:19	1.39	32.5		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	3.13e+05	0.99 y	45:07	1.36	2.67	J	2.50	-	-	*	
OCDF	8.69e+06	0.90 y	50:08	0.79	107		2.50	-	-	*	
13C-2,3,7,8-TCDD	6.08e+07	0.84 y	27:24	1.02	385					95.1	
13C-1,2,3,7,8-PeCDD	5.70e+07	1.74 y	33:13	0.84	440					109	
13C-1,2,3,4,7,8-HxCDD	4.56e+07	1.25 y	38:35	1.07	393					97.1	
13C-1,2,3,6,7,8-HxCDD	3.58e+07	1.26 y	38:45	1.01	327					80.8	
13C-1,2,3,4,6,7,8-HpCDD	3.54e+07	0.95 y	44:11	0.86	382					94.5	
13C-OCDD	4.22e+07	0.94 y	49:45	0.55	714					88.2	
13C-2,3,7,8-TCDF	9.59e+07	0.88 y	26:38	0.99	368					90.9	
13C-1,2,3,7,8-PeCDF	6.81e+07	1.74 y	31:29	0.84	310					76.7	
13C-2,3,4,7,8-PeCDF	8.86e+07	1.73 y	32:48	0.81	416					103	
13C-1,2,3,4,7,8-HxCDF	8.10e+07	0.51 y	37:12	1.85	404					99.9	
13C-1,2,3,6,7,8-HxCDF	9.49e+07	0.52 y	37:24	2.54	346					85.5	
13C-2,3,4,6,7,8-HxCDF	7.60e+07	0.52 y	38:20	2.01	349					86.1	
13C-1,2,3,7,8,9-HxCDF	8.13e+07	0.52 y	39:46	2.03	370					91.4	
13C-1,2,3,4,6,7,8-HpCDF	4.24e+07	0.45 y	42:17	1.11	353					87.3	
13C-1,2,3,4,7,8,9-HpCDF	3.50e+07	0.45 y	45:06	0.80	402					99.3	
13C-OCDF	8.40e+07	0.98 y	50:07	1.08	717					88.6	
37Cl-2,3,7,8-TCDD	1.66e+07		27:25	0.69	157					96.8	
13C-1,2,3,4-TCDD	6.24e+07	0.84 y	26:49	-	28.1						
13C-1,2,3,4-TCDF	1.06e+08	0.83 y	25:34	-	29.7						
13C-1,2,3,7,8,9-HxCDD	4.38e+07	1.27 y	39:12	-	32.2						
Total Tetra-Dioxins	2.17e+06		24:25	1.11	13.0		2.50	-	-	*	12
Total Penta-Dioxins	2.43e+06		30:16	1.10	15.7	M	2.50	-	-	*	10
Total Hexa-Dioxins	5.80e+06		36:09	1.37	42.6		2.50	-	-	*	8
Total Hepta-Dioxins	3.13e+07		42:50	1.45	247		2.50	-	-	*	2
Total Tetra-Furans	2.25e+07		23:04	1.50	63.2	D,M	2.50	-	-	*	23
1st Fn. Tot Penta-Furans	5.44e+06		28:28	0.94	29.9	D,M	2.50	-	-	*	PeCDF 1.0 M/D
Total Penta-Furans	9.29e+06		30:06	0.94	51.0	D,M	2.50	-	-	*	81.0 M/D 13
Total Hexa-Furans	1.23e+07		35:16	0.91	66.0	D,M	2.50	-	-	*	80.9 11
Total Hepta-Furans	1.55e+07		42:19	1.38	115		2.50	-	-	*	4

Analyst:       Date: 10/1/10

Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 20

File: 30SEP10M

S: 12 I: 1 F: 1

Acquired: 30-SEP-10 19:46:42

Total Concentration: 13.0

Unnamed Concentration: 12.128

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:25	2.92e+05	3.67e+05	0.80 y	6.59e+05	3.95	
24:41	1.78e+05	2.20e+05	0.81 y	3.98e+05	2.38	
25:00	3.87e+04	5.23e+04	0.74 y	9.10e+04	0.545	
25:48	7.72e+04	9.62e+04	0.80 y	1.73e+05	1.04	
25:58	6.95e+04	8.72e+04	0.80 y	1.57e+05	0.940	
26:07	4.01e+04	4.81e+04	0.83 y	8.82e+04	0.529	
26:19	1.87e+04	2.56e+04	0.73 y	4.43e+04	0.265	
26:30	3.63e+04	4.50e+04	0.81 y	8.13e+04	0.488	
26:50	6.10e+04	7.28e+04	0.84 y	1.34e+05	0.802	
27:10	6.44e+04	7.35e+04	0.88 y	1.38e+05	0.827	
27:26	6.36e+04	8.51e+04	0.75 y	1.49e+05	0.891	2,3,7,8-TCDD
27:44	2.76e+04	3.16e+04	0.87 y	5.91e+04	0.355	

Totals class: Total Penta-Dioxins

Entry #: 39

Run: 20

File: 30SEP10M

S: 12 I: 1 F: 2

Acquired: 30-SEP-10 19:46:42

Total Concentration: 15.7

Unnamed Concentration: 14.474

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:16	4.80e+05	3.07e+05	1.56 y	7.87e+05	5.07	
30:53	6.50e+04	7.43e+04	0.88 n	1.07e+05	0.689	
31:30	2.20e+05	1.38e+05	1.59 y	3.58e+05	2.31	
31:43	9.52e+04	6.32e+04	1.51 y	1.58e+05	1.02	
31:52	1.33e+05	9.99e+04	1.33 y	2.33e+05	1.50	
32:09	1.65e+05	1.19e+05	1.39 y	2.84e+05	1.83	
32:37	1.01e+05	7.13e+04	1.42 y	1.72e+05	1.11	
33:15	1.09e+05	7.51e+04	1.46 y	1.85e+05	1.19	1,2,3,7,8-PeCDD
33:21	4.09e+04	3.09e+04	1.33 y	7.17e+04	0.462	
33:49	4.60e+04	2.94e+04	1.57 y	7.54e+04	0.486	

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 20 File: 30SEP10M  
Acquired: 30-SEP-10 19:46:42

S: 12 I: 1 F: 3

Total Concentration: 42.6

Unnamed Concentration: 32.872

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:09	7.26e+05	5.23e+05	1.39 y	1.25e+06	9.07	
37:05	5.26e+05	3.80e+05	1.38 y	9.06e+05	6.58	
37:31	1.23e+06	8.69e+05	1.42 y	2.10e+06	15.2	
37:43	7.26e+04	5.98e+04	1.22 y	1.32e+05	0.961	
38:36	1.32e+05	9.68e+04	1.36 y	2.29e+05	1.48	1,2,3,4,7,8-HxCDD
38:46	3.87e+05	2.75e+05	1.41 y	6.62e+05	5.45	1,2,3,6,7,8-HxCDD
39:05	8.19e+04	5.99e+04	1.37 y	1.42e+05	1.03	
39:13	2.15e+05	1.65e+05	1.30 y	3.80e+05	2.78	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 20

File: 30SEP10M

S: 12 I: 1 F: 4

Acquired: 30-SEP-10 19:46:42

Total Concentration: 247

Unnamed Concentration: 109.337

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:50	6.68e+06	7.21e+06	0.93 y	1.39e+07	109	
44:12	8.54e+06	8.90e+06	0.96 y	1.74e+07	137	1,2,3,4,6,7,8-HpCDD



Totals class: Total Tetra-Furans

Entry #: 42

Run: 20

File: 30SEP10M

S: 12 I: 1 F: 1

Acquired: 30-SEP-10 19:46:42

Total Concentration: 63.2

Unnamed Concentration: 61.542

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:04	1.72e+05	2.55e+05	0.68 y	4.27e+05	1.20	
23:26	1.95e+05	2.94e+05	0.66 y	4.89e+05	1.37	
23:48	1.06e+06	1.54e+06	0.69 y	2.60e+06	7.31	
24:11	6.26e+05	9.52e+05	0.66 y	1.58e+06	4.44	
24:27	6.27e+05	9.28e+05	0.68 y	1.56e+06	4.37	
24:44	6.51e+05	9.90e+05	0.66 y	1.64e+06	4.61	
24:52	1.42e+05	2.10e+05	0.67 y	3.52e+05	0.988	
24:58	2.16e+05	3.21e+05	0.67 y	5.37e+05	1.51	
25:20	3.31e+05	4.82e+05	0.69 y	8.13e+05	2.28	
25:26	7.13e+05	1.09e+06	0.66 y	1.80e+06	5.05	
25:34	2.76e+05	4.21e+05	0.65 y	6.97e+05	1.96	
25:50	5.68e+05	7.83e+05	0.73 y	1.35e+06	3.80	
25:56	3.35e+05	5.01e+05	0.67 y	8.36e+05	2.35	
26:10	1.97e+05	2.97e+05	0.66 y	4.94e+05	1.39	
26:18	1.33e+05	1.98e+05	0.67 y	3.31e+05	0.931	
26:29	2.77e+05	4.12e+05	0.67 y	6.89e+05	1.93	
26:39	2.50e+05	3.48e+05	0.72 y	5.99e+05	1.68	2,3,7,8-TCDF
26:59	4.77e+05	7.23e+05	0.66 y	1.20e+06	3.37	
27:12	3.52e+04	4.90e+04	0.72 y	8.42e+04	0.237	
27:24	1.38e+05	1.88e+05	0.74 y	3.27e+05	0.918	
27:53	6.61e+05	9.55e+05	0.69 y	1.62e+06	4.54	
28:06	7.77e+05	1.13e+06	0.68 y	1.91e+06	5.37	
28:29	2.37e+05	3.37e+05	0.70 y	5.74e+05	1.61	

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

Run: 20      File: 30SEP10M      S: 12 I: 1 F: 1  
Acquired: 30-SEP-10 19:46:42

Total Concentration: 29.9      Unnamed Concentration: 29.949

RT	ml Resp	m2 Resp RA	Resp	Concentration	Name
28:28	3.26e+06	2.19e+06 1.49 y	5.44e+06	29.9	

Totals class: Total Penta-Furans

Entry #: 44

Run: 20

File: 30SEP10M

S: 12 I: 1 F: 2

Acquired: 30-SEP-10 19:46:42

Total Concentration: 51.0

Unnamed Concentration: 47.833

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:06	3.95e+05	2.49e+05	1.59 y	6.44e+05	3.54	
30:16	2.05e+06	1.43e+06	1.43 y	3.49e+06	19.2	
30:36	8.27e+04	5.96e+04	1.39 y	1.42e+05	0.783	
30:57	6.62e+05	4.49e+05	1.48 y	1.11e+06	6.11	
31:16	6.55e+04	3.84e+04	1.71 y	1.04e+05	0.571	
31:31	1.22e+05	8.18e+04	1.48 y	2.03e+05	1.28	1,2,3,7,8-PeCDF
31:47	7.22e+05	4.92e+05	1.47 y	1.21e+06	6.68	
32:06	2.09e+05	1.37e+05	1.53 y	3.46e+05	1.90	
32:40	1.65e+05	1.18e+05	1.39 y	2.83e+05	1.56	
32:51	2.30e+05	1.60e+05	1.44 y	3.91e+05	1.91	2,3,4,7,8-PeCDF
32:54	5.01e+05	3.50e+05	1.43 y	8.51e+05	4.68	
33:58	1.18e+05	8.05e+04	1.46 y	1.98e+05	1.09	
34:08	1.80e+05	1.33e+05	1.35 y	3.14e+05	1.73	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 20 File: 30SEP10M S: 12 I: 1 F: 3  
Acquired: 30-SEP-10 19:46:42

Total Concentration: 66.0

Unnamed Concentration: 55.821

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:16	5.34e+05	4.38e+05	1.22 y	9.72e+05	5.19	
35:33	2.15e+06	1.75e+06	1.23 y	3.90e+06	20.8	
36:08	6.78e+04	6.17e+04	1.10 y	1.29e+05	0.691	
36:27	2.44e+06	1.98e+06	1.23 y	4.42e+06	23.6	
36:45	1.30e+05	1.01e+05	1.29 y	2.30e+05	1.23	
37:03	1.05e+05	7.81e+04	1.34 y	1.83e+05	0.975	
37:12	2.92e+05	2.46e+05	1.18 y	5.38e+05	2.90	1,2,3,4,7,8-HxCDF
37:24	3.28e+05	2.69e+05	1.22 y	5.96e+05	3.10	1,2,3,6,7,8-HxCDF
38:07	3.47e+05	2.75e+05	1.26 y	6.21e+05	3.32	
38:21	3.39e+05	2.76e+05	1.23 y	6.15e+05	3.57	2,3,4,6,7,8-HxCDF
39:50	6.66e+04	6.03e+04	1.11 y	1.27e+05	0.634	1,2,3,7,8,9-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 20

File: 30SEP10M

S: 12 I: 1 F: 4

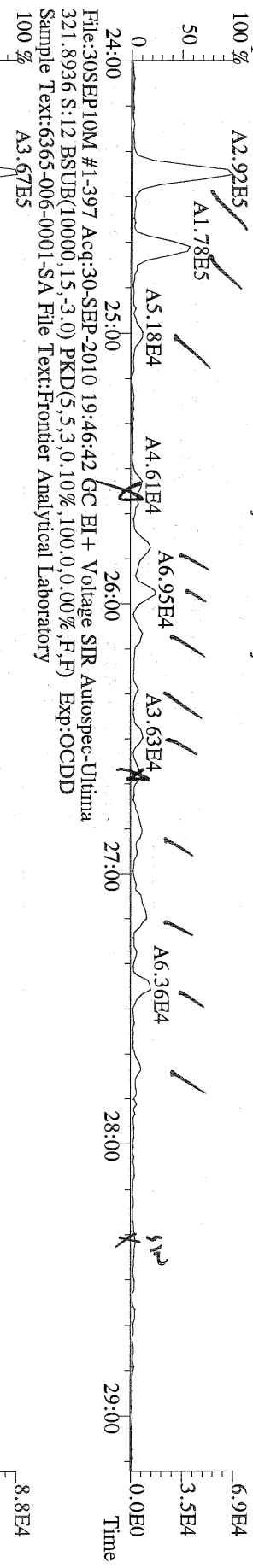
Acquired: 30-SEP-10 19:46:42

Total Concentration: 115

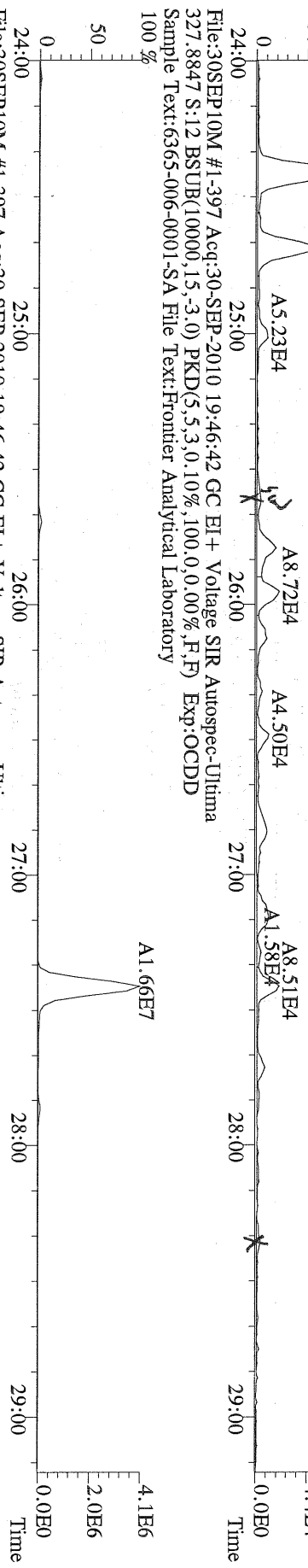
Unnamed Concentration: 79.659

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:19	2.43e+06	2.29e+06	1.06 y	4.73e+06	32.5	1,2,3,4,6,7,8-HpCDF
42:51	7.33e+04	7.16e+04	1.02 y	1.45e+05	1.10	
43:07	5.31e+06	5.01e+06	1.06 y	1.03e+07	78.6	
45:07	1.56e+05	1.57e+05	0.99 y	3.13e+05	2.67	1,2,3,4,7,8,9-HpCDF

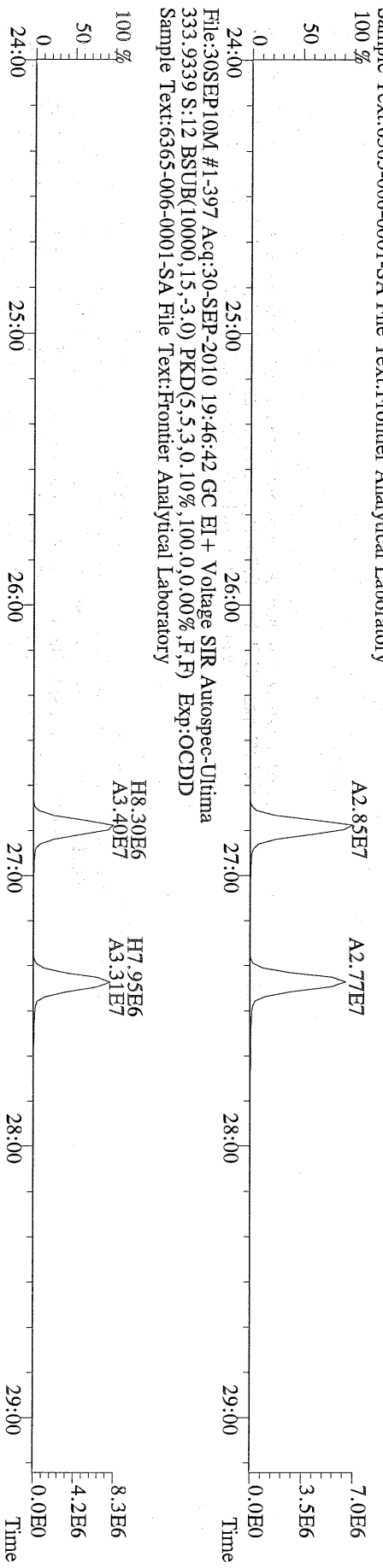
File:30SEP10M #1-397 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
 319.8965 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



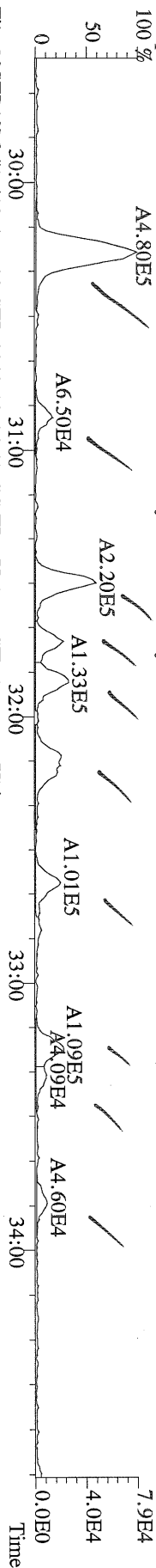
File:30SEP10M #1-397 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
 327.8847 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



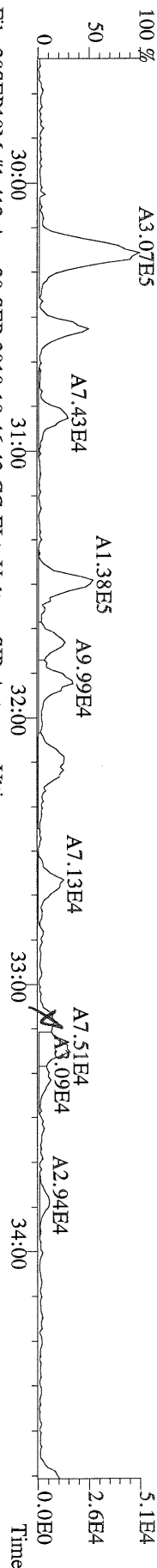
File:30SEP10M #1-397 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
 333.9339 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



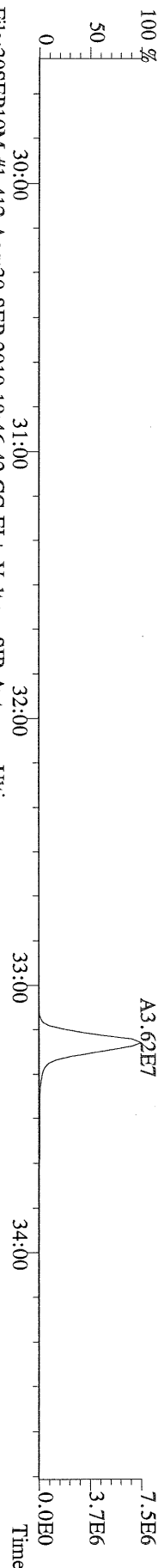
File:30SEP10M #1-412 Acq:30-SEP-2010 19:46:42 GC EI + Voltage SIR Autospec-Ultima  
 355.8546 S:12 F:2 BSTUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



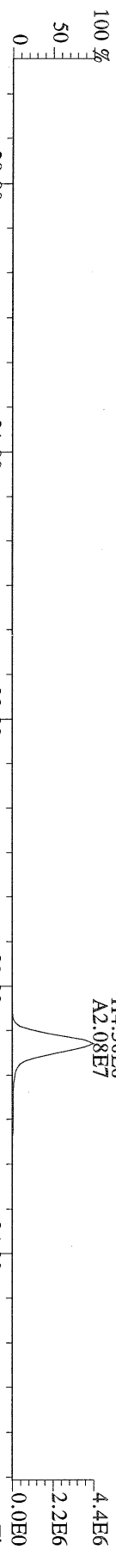
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 357.8517 S:12 F:2 BSTUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



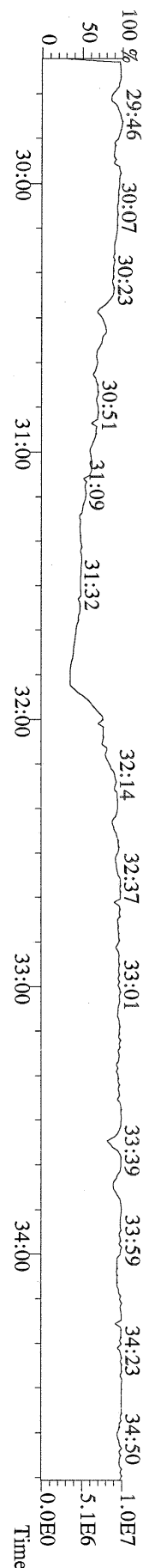
File:30SEP10M #1-412 Acq:30-SEP-2010 19:46:42 GC EI + Voltage SIR Autospec-Ultima  
 367.8949 S:12 F:2 BSTUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



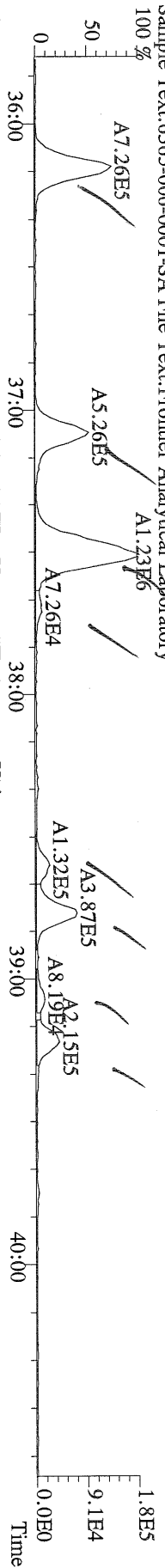
File:30SEP10M #1-412 Acq:30-SEP-2010 19:46:42 GC EI + Voltage SIR Autospec-Ultima  
 369.8919 S:12 F:2 BSTUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



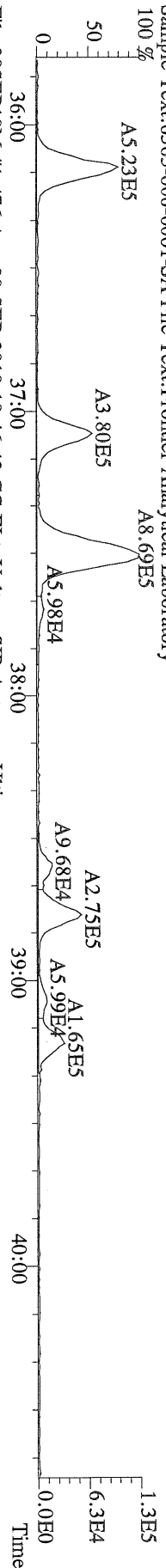
File:30SEP10M #1-412 Acq:30-SEP-2010 19:46:42 GC EI + Voltage SIR Autospec-Ultima  
 366.9792 S:12 F:2 Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



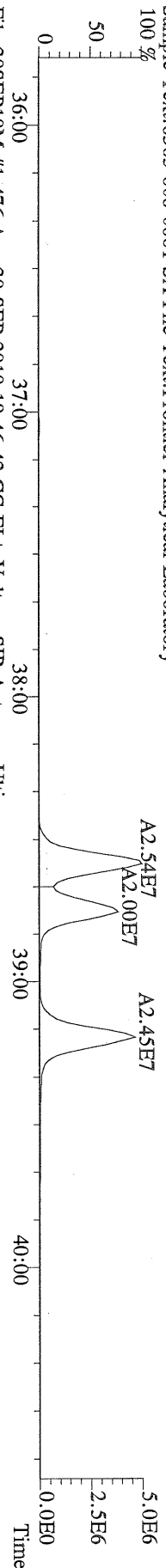
File:30SEP10M #1-476 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
 389.8156 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



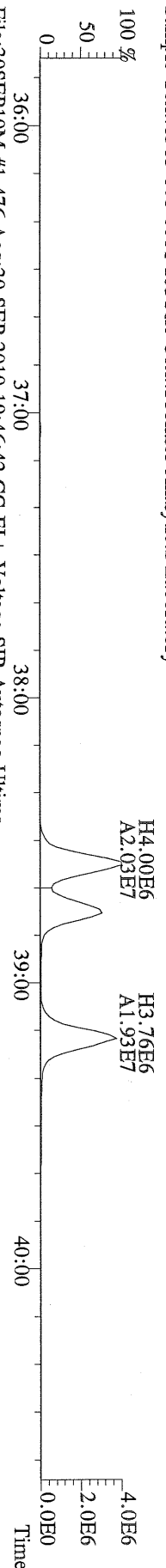
File:30SEP10M #1-476 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
 391.8127 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



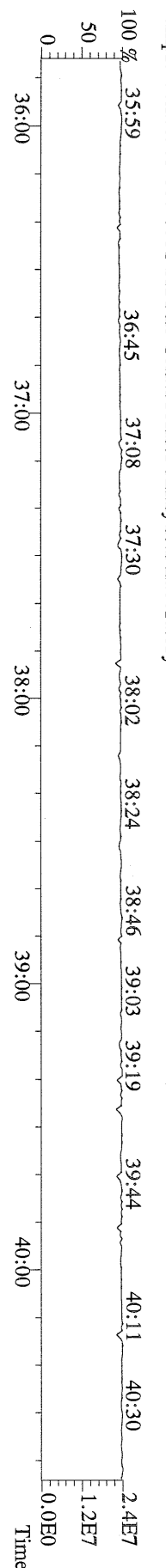
File:30SEP10M #1-476 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
 401.8559 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-476 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
 403.8530 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory

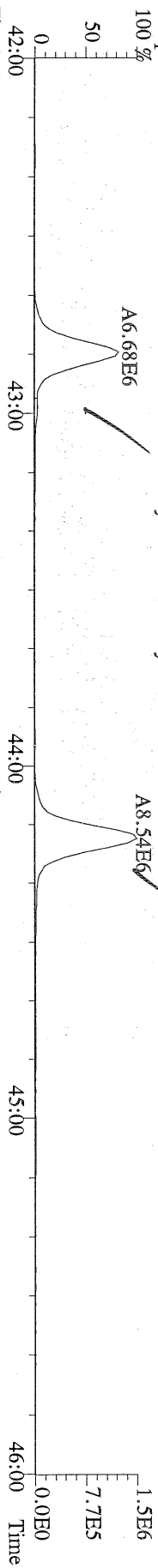


File:30SEP10M #1-476 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
 380.9760 S:12 F:3 Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory

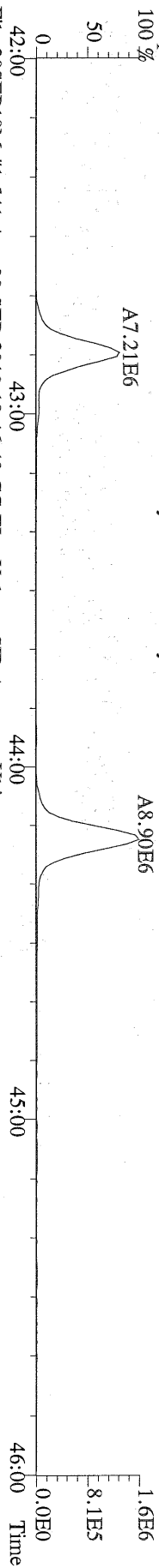




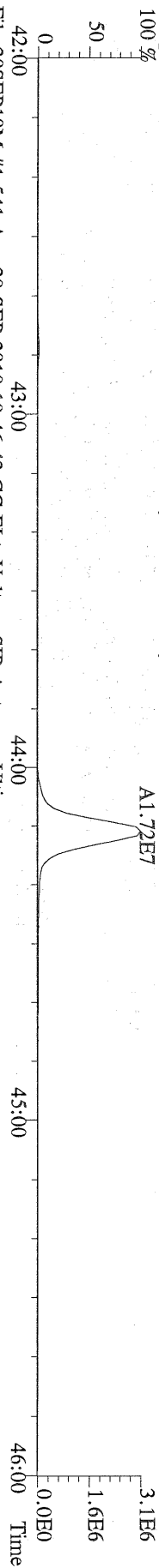
File:30SEP10M #1-541 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
423.7767 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00% F,F) Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



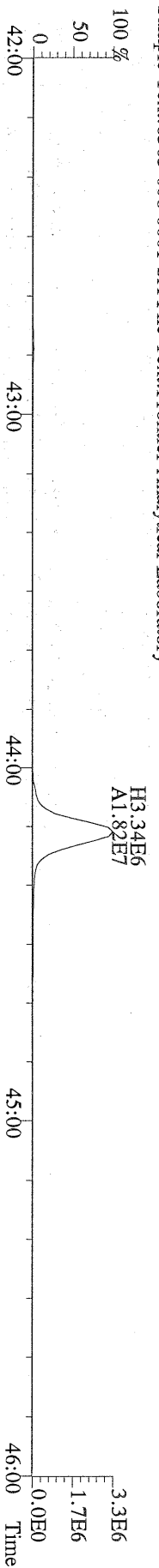
File:30SEP10M #1-541 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
425.7737 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00% F,F) Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



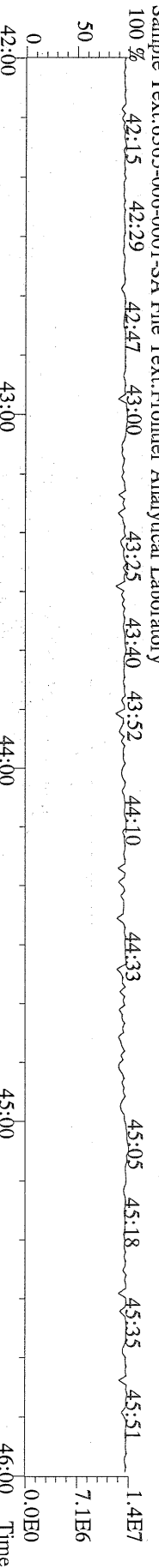
File:30SEP10M #1-541 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
437.8140 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00% F,F) Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



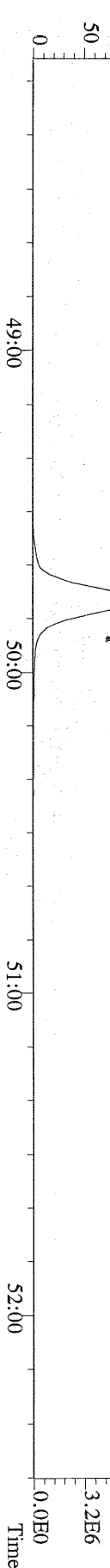
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437.8140 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00% F,F) Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



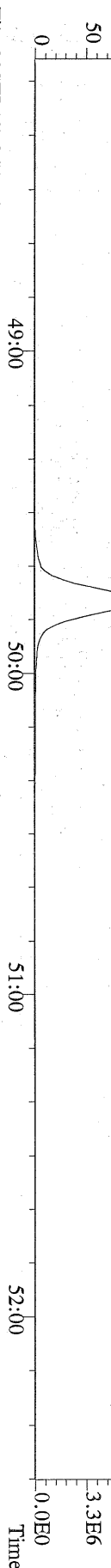
File:30SEP10M #1-541 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
430.9728 S:12 F:4 Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



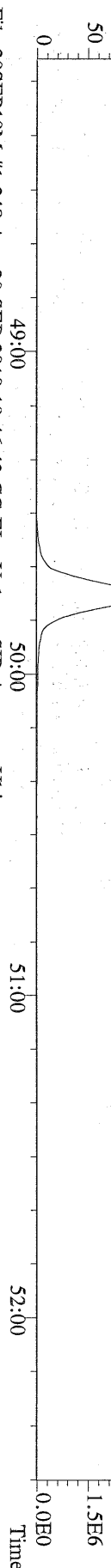
File:30SEP10M #1-348 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
457.7377 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



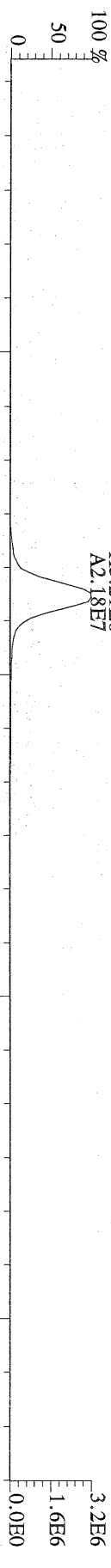
File:30SEP10M #1-348 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
459.7348 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



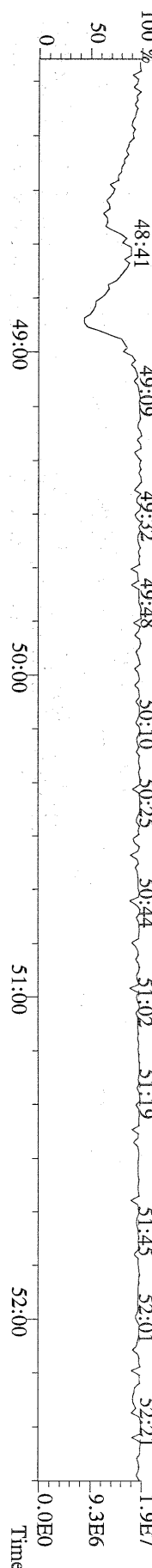
File:30SEP10M #1-348 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
469.7780 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



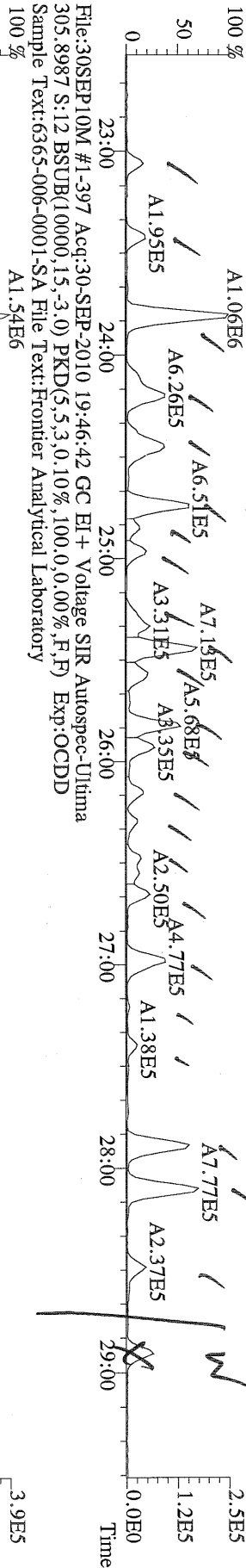
File:30SEP10M #1-348 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
471.7750 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



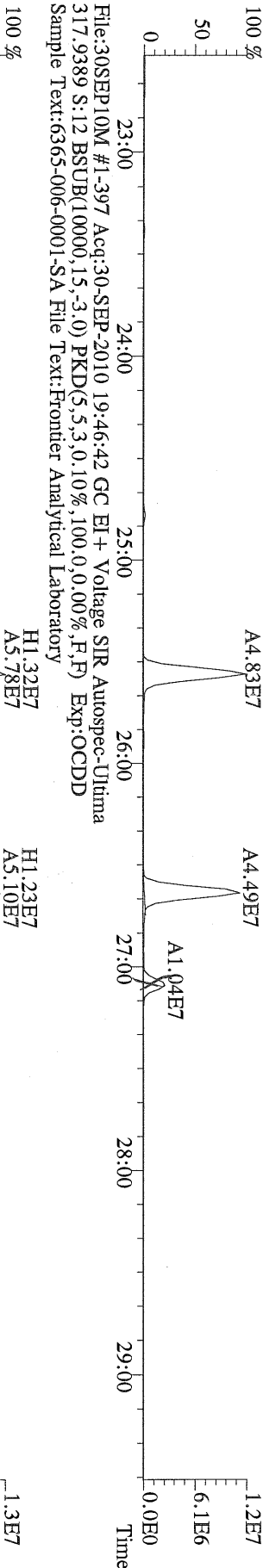
File:30SEP10M #1-348 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
454.9728 S:12 F:5 Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



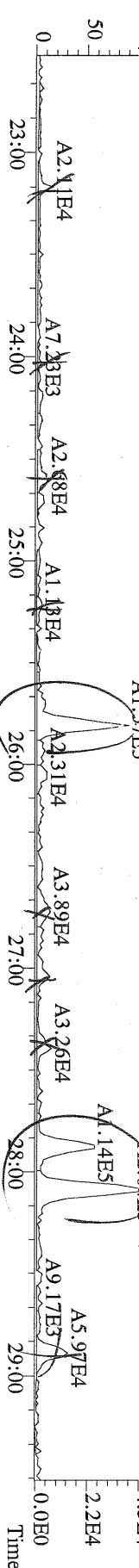
File:30SEP10M #1-397 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
 305.9016 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



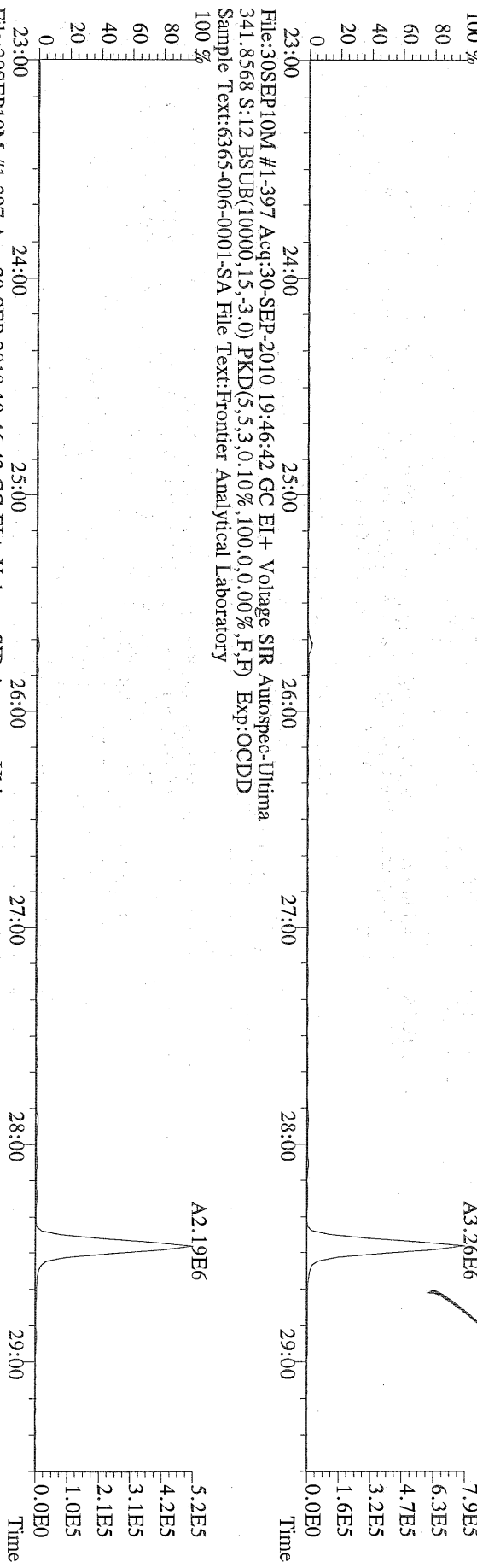
File:30SEP10M #1-397 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
 315.9419 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



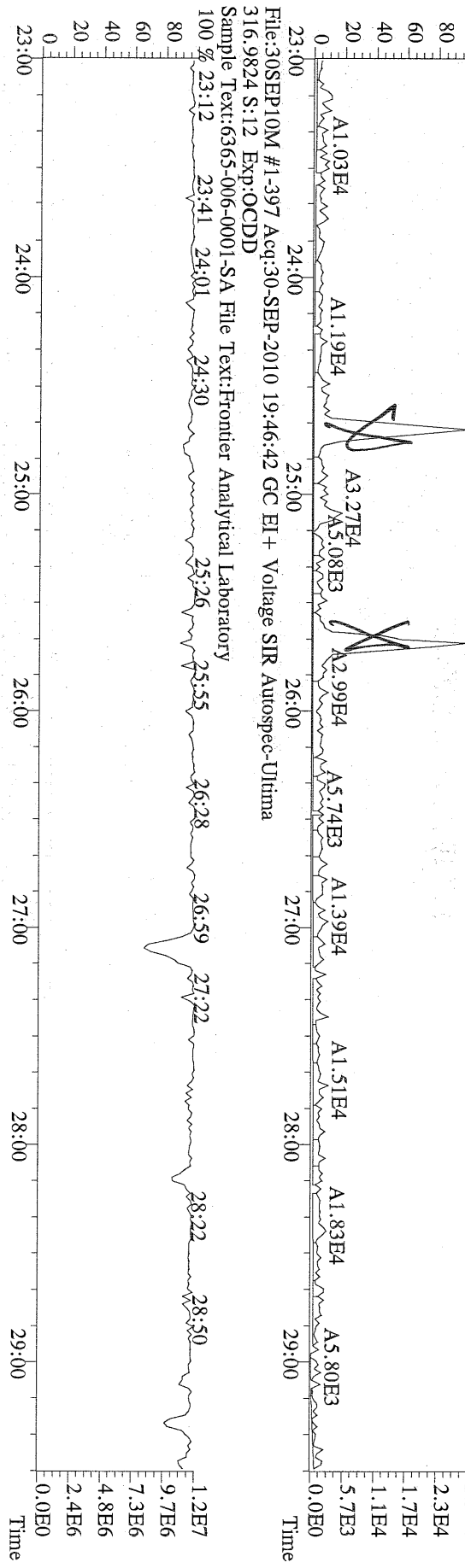
File:30SEP10M #1-397 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
 375.8364 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



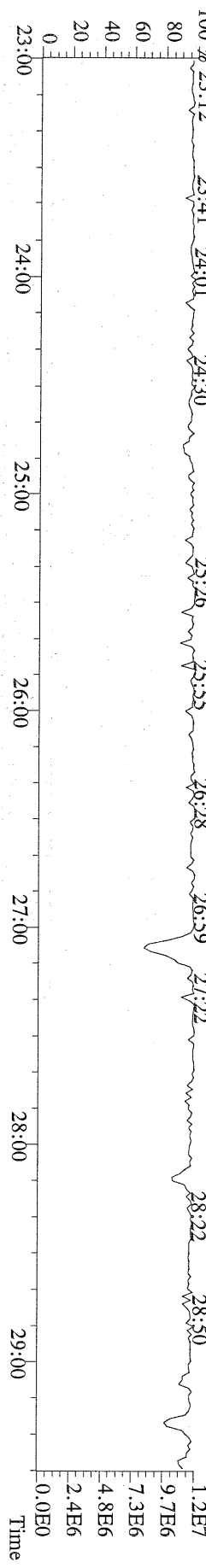
File:30SEP10M #1-397 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Utima  
 339.8597 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



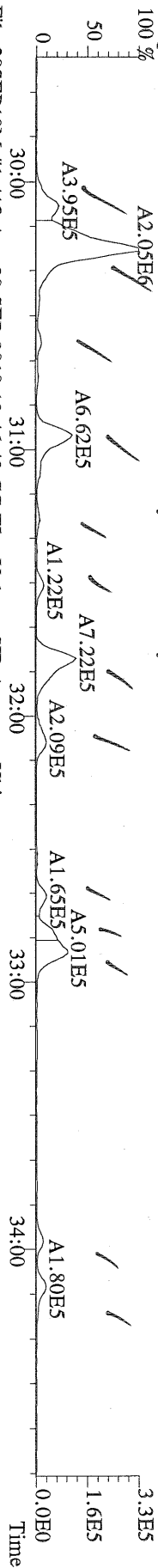
File:30SEP10M #1-397 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Utima  
 409.7974 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



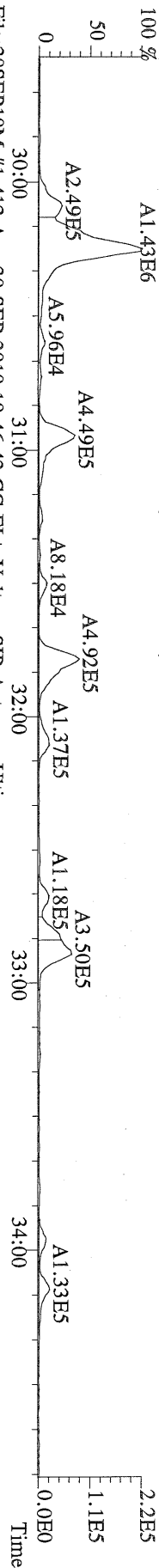
File:30SEP10M #1-397 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Utima  
 316.9824 S:12 Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



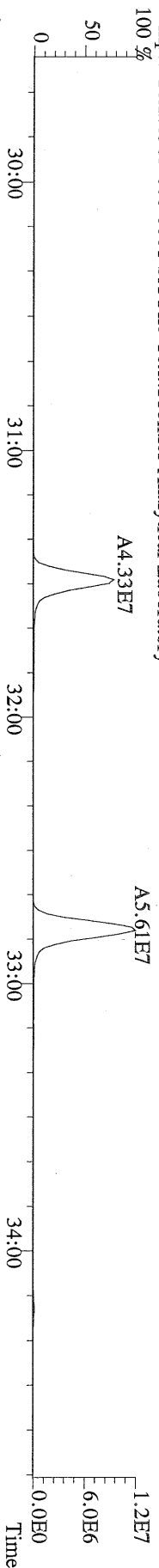
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 339.8597 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



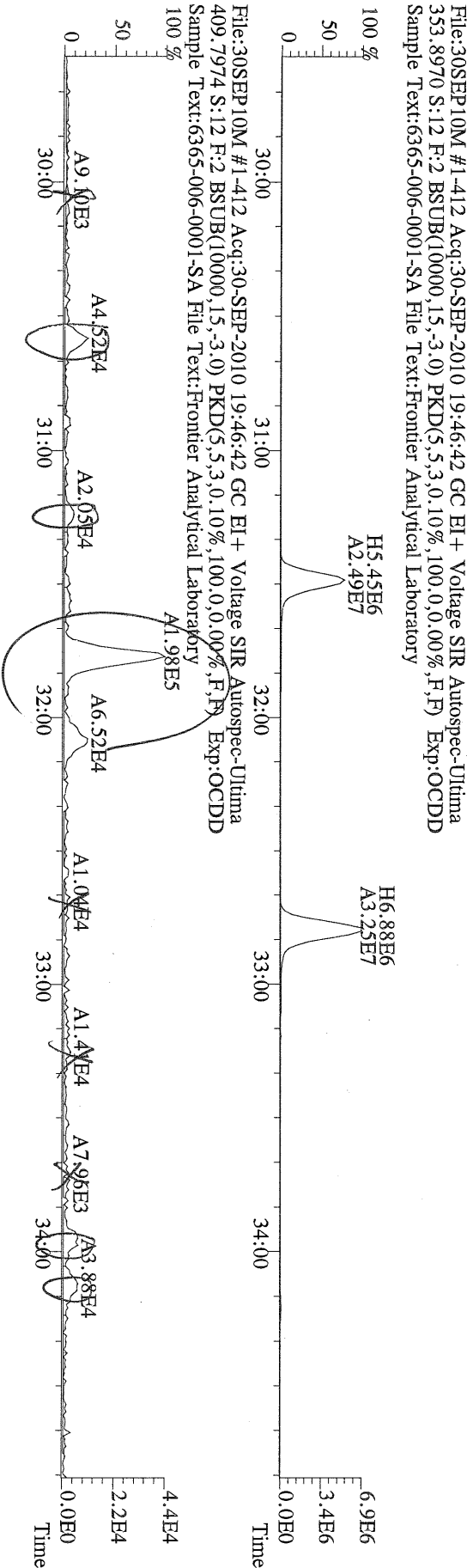
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 341.8568 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



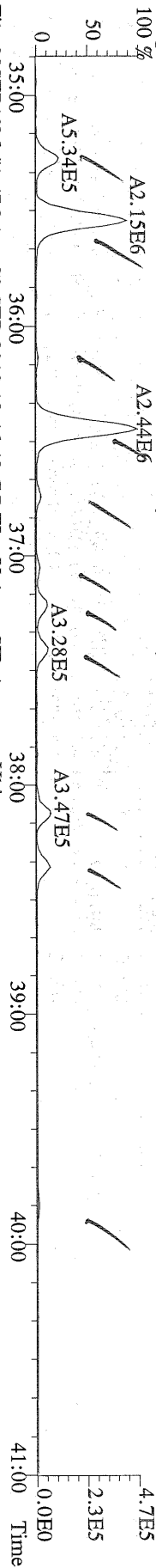
File:30SEP10M #1-412 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Utima  
 351.9000 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



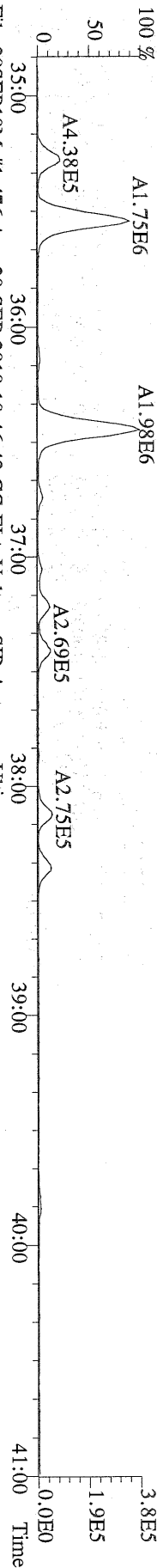
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 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



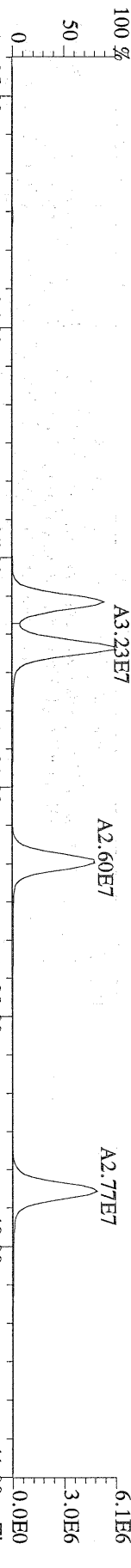
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 373.8207 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



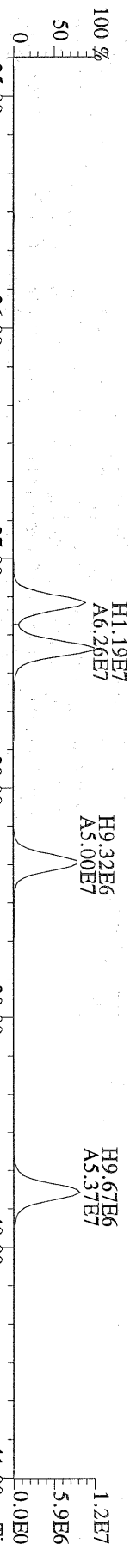
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 375.8178 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



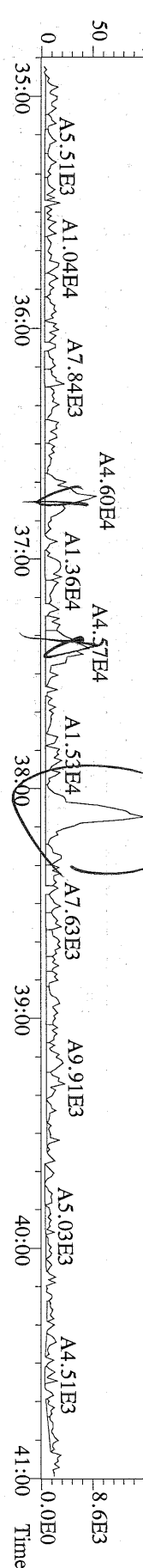
File:30SEP10M #1-476 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
 383.8639 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



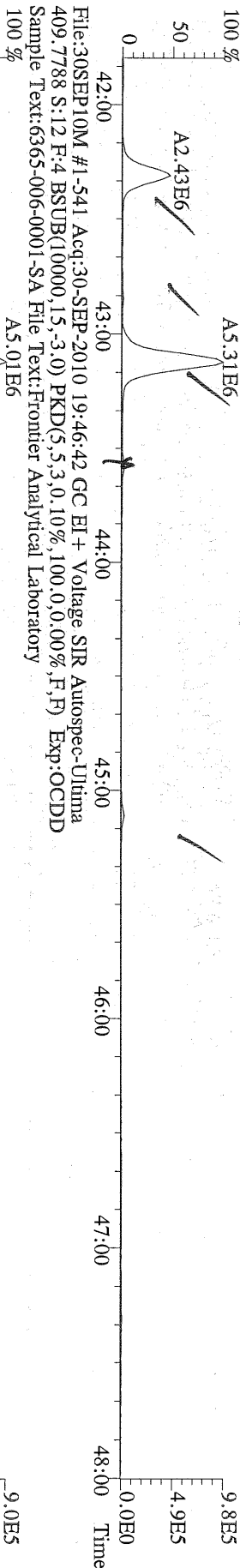
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 385.8610 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



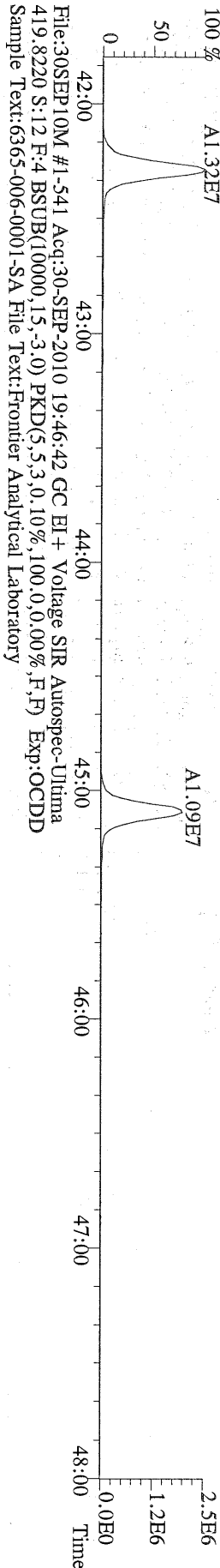
File:30SEP10M #1-476 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
 445.7555 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



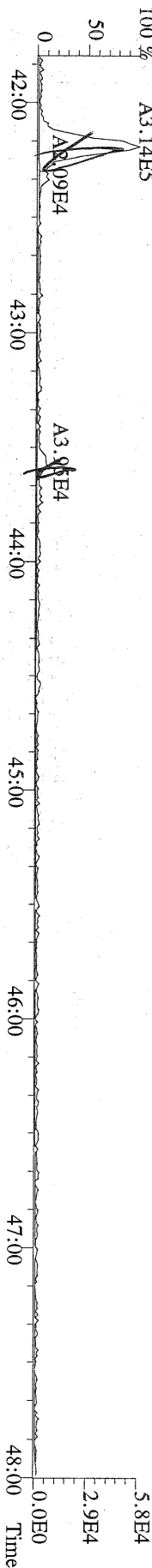
File:30SEP10M #1-541 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
407.7818 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



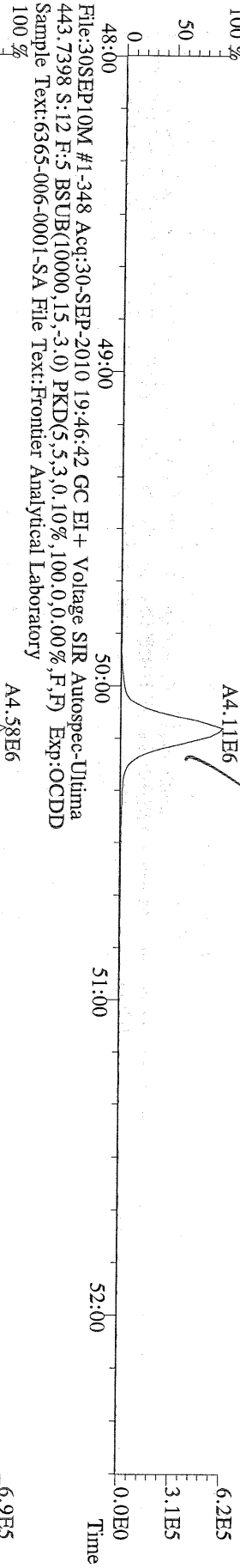
File:30SEP10M #1-541 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
417.8253 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



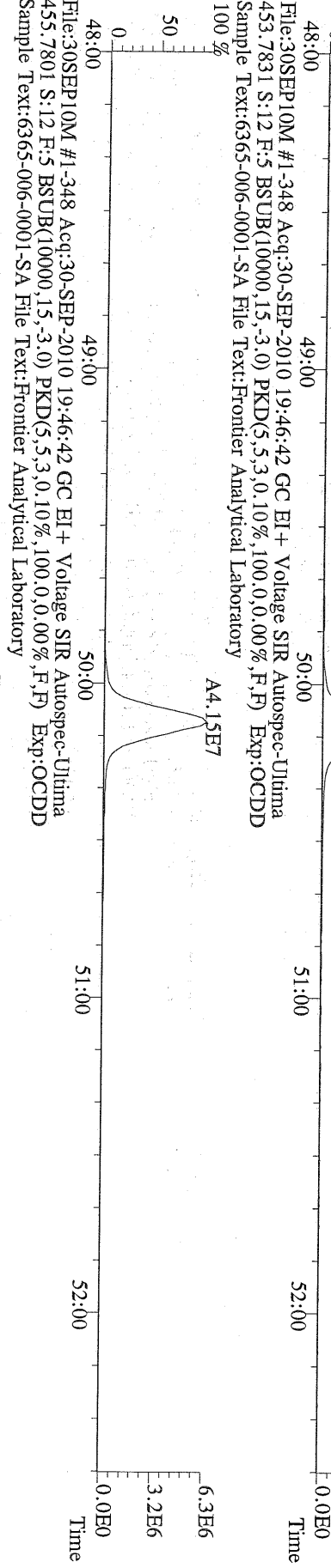
File:30SEP10M #1-541 Acq:30-SEP-2010 19:46:42 GC EI+ Voltage SIR Autospec-Ultima  
479.7165 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory



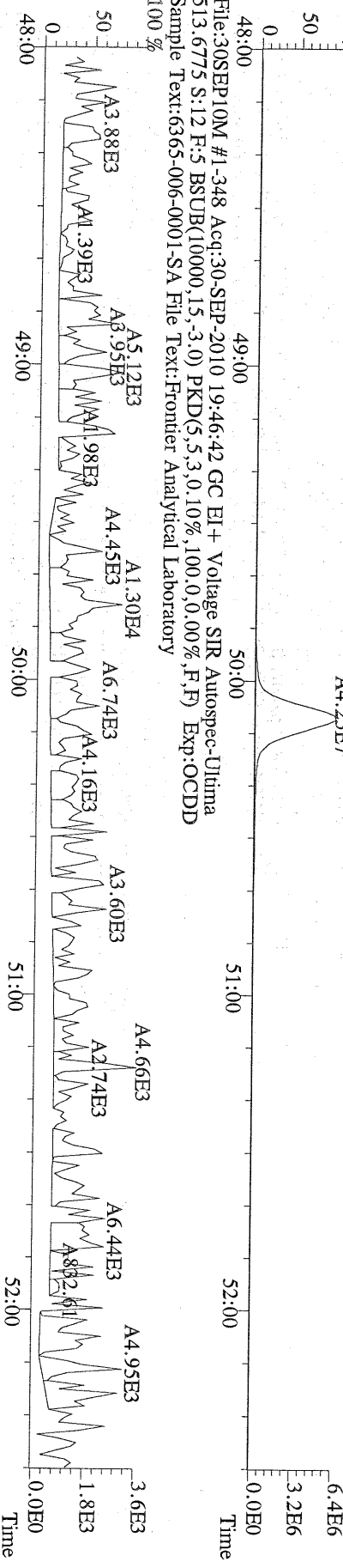
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441.7428 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-SA File Text:Frontier Analytical Laboratory  
100 %



File:30SEP10M #1-348 Acq:30-SEP-2010 19:46:42 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:6365-006-0001-SA File Text:Frontier Analytical Laboratory  
100 %



File:30SEP10M #1-348 Acq:30-SEP-2010 19:46:42 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:6365-006-0001-SA File Text:Frontier Analytical Laboratory  
100 %





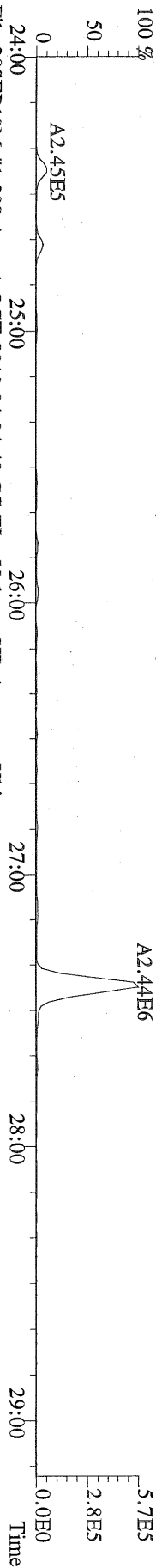
NATO 1989 Tox: 427  
 WHO 1998 Tox: 531      WHO 2005 Tox: 482

Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	DL	
2,3,7,8-TCDD	5.58e+06	0.78 y	27:25	1.11	42.2		2.50	-	-	*	
1,2,3,7,8-PeCDD	2.45e+07	1.60 y	33:15	1.10	212		2.50	-	-	*	
1,2,3,4,7,8-HxCDD	2.52e+07	1.42 y	38:36	1.37	201		2.50	-	-	*	
1,2,3,6,7,8-HxCDD	2.05e+07	1.37 y	38:46	1.37	207		2.50	-	-	*	
1,2,3,7,8,9-HxCDD	2.41e+07	1.41 y	39:13	1.36	217		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	3.52e+07	0.96 y	44:13	1.45	339		2.50	-	-	*	
OCDD	1.04e+08	0.97 y	49:47	1.43	1460		2.50	-	-	*	
2,3,7,8-TCDF	1.21e+07	0.67 y	26:39	1.50	40.9		2.50	-	-	*	
1,2,3,7,8-PeCDF	3.51e+07	1.50 y	31:30	0.94	215		2.50	-	-	*	
2,3,4,7,8-PeCDF	3.36e+07	1.49 y	32:49	0.94	225		2.50	-	-	*	
1,2,3,4,7,8-HxCDF	2.98e+07	1.23 y	37:13	0.93	195		2.50	-	-	*	
1,2,3,6,7,8-HxCDF	3.13e+07	1.23 y	37:25	0.82	198		2.50	-	-	*	
2,3,4,6,7,8-HxCDF	2.81e+07	1.24 y	38:21	0.92	199		2.50	-	-	*	
1,2,3,7,8,9-HxCDF	3.48e+07	1.23 y	39:47	1.00	201		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDF	2.76e+07	1.06 y	42:19	1.39	236		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	2.21e+07	1.06 y	45:07	1.36	205		2.50	-	-	*	
OCDF	3.80e+07	0.91 y	50:09	0.79	515		2.50	-	-	*	
										Rec	
13C-2,3,7,8-TCDD	4.80e+07	0.80 y	27:24	1.02	323					80.2	
13C-1,2,3,7,8-PeCDD	4.23e+07	1.75 y	33:12	0.84	346					85.9	
13C-1,2,3,4,7,8-HxCDD	3.67e+07	1.26 y	38:36	1.07	352					87.6	
13C-1,2,3,6,7,8-HxCDD	2.90e+07	1.26 y	38:45	1.01	295					73.4	
13C-1,2,3,4,6,7,8-HpCDD	2.88e+07	0.93 y	44:11	0.86	346					86.1	
13C-OCDD	4.01e+07	0.93 y	49:46	0.55	755					93.9	
13C-2,3,7,8-TCDF	7.90e+07	0.87 y	26:37	0.99	329					81.7	
13C-1,2,3,7,8-PeCDF	6.96e+07	1.73 y	31:29	0.84	343					85.3	
13C-2,3,4,7,8-PeCDF	6.44e+07	1.76 y	32:48	0.81	328					81.4	
13C-1,2,3,4,7,8-HxCDF	6.62e+07	0.51 y	37:11	1.85	368					91.5	
13C-1,2,3,6,7,8-HxCDF	7.73e+07	0.51 y	37:24	2.54	314					78.0	
13C-2,3,4,6,7,8-HxCDF	6.20e+07	0.52 y	38:20	2.01	317					78.7	
13C-1,2,3,7,8,9-HxCDF	7.00e+07	0.52 y	39:45	2.03	355					88.1	
13C-1,2,3,4,6,7,8-HpCDF	3.39e+07	0.45 y	42:17	1.11	315					78.2	
13C-1,2,3,4,7,8,9-HpCDF	3.20e+07	0.44 y	45:06	0.80	410					102	
13C-OCDF	7.55e+07	0.97 y	50:08	1.08	718					89.3	
37Cl-2,3,7,8-TCDD	1.31e+07		27:24	0.69	132					81.9	
13C-1,2,3,4-TCDD	5.84e+07	0.82 y	26:49	-	26.2						
13C-1,2,3,4-TCDF	9.73e+07	0.85 y	25:33	-	27.1						
13C-1,2,3,7,8,9-HxCDD	3.91e+07	1.26 y	39:12	-	28.5						
							Fac Noise-1	Noise-2	DL	#Hom	
Total Tetra-Dioxins	7.47e+06		23:15	1.11	56.4		2.50	-	-	*	23
Total Penta-Dioxins	2.64e+07		30:15	1.10	228		2.50	-	-	*	12
Total Hexa-Dioxins	7.30e+07		36:09	1.37	653		2.50	-	-	*	8
Total Hepta-Dioxins	4.69e+07		41:35	1.45	451		2.50	-	-	*	12
Total Tetra-Furans	2.77e+07		23:04	1.50	94.0		2.50	-	-	*	26
1st Fn. Tot Penta-Furans	4.95e+06		23:11	0.94	31.7		2.50	-	-	*	PeCDF 28
Total Penta-Furans	7.60e+07		30:05	0.94	487		2.50	-	-	*	518 12
Total Hexa-Furans	1.31e+08		35:17	0.91	841		2.50	-	-	*	11
Total Hepta-Furans	5.81e+07		42:19	1.38	515		2.50	-	-	*	10

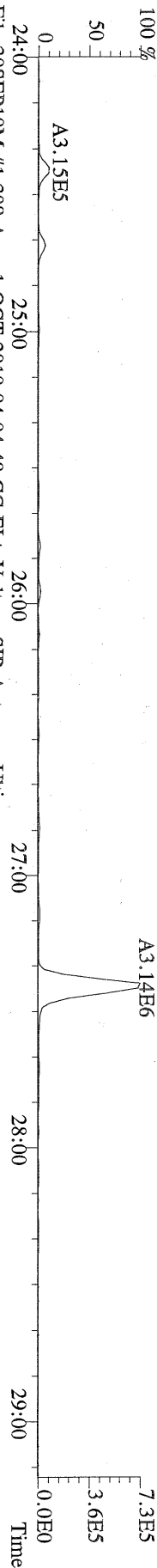
Analyst: 

Date: 10/1/10

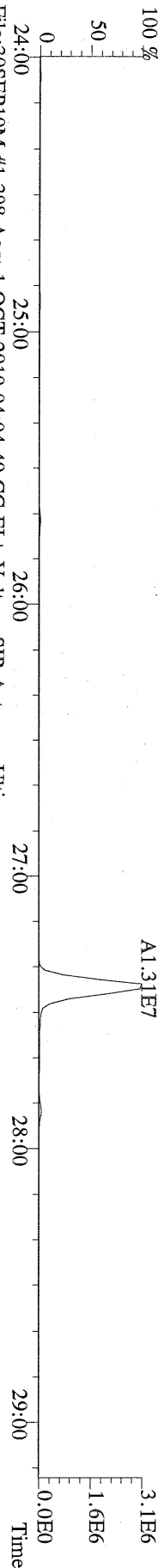
File:30SEP10M #1-398 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
319.8965 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory  
100 %



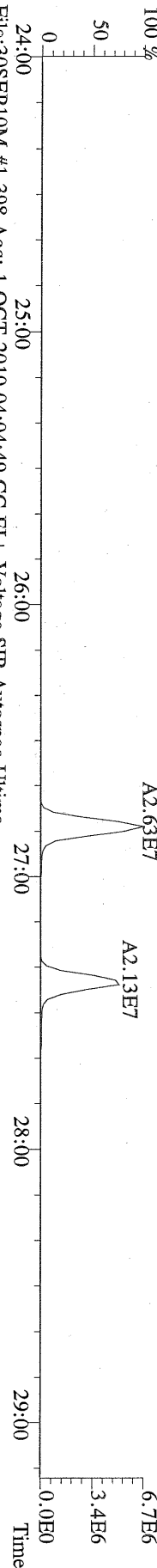
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321.8936 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory  
100 %



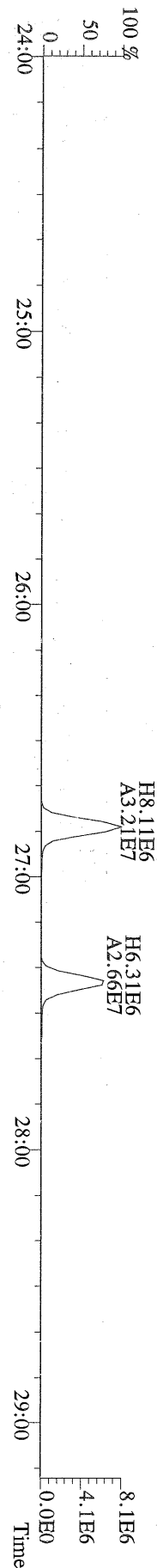
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327.8847 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory  
100 %



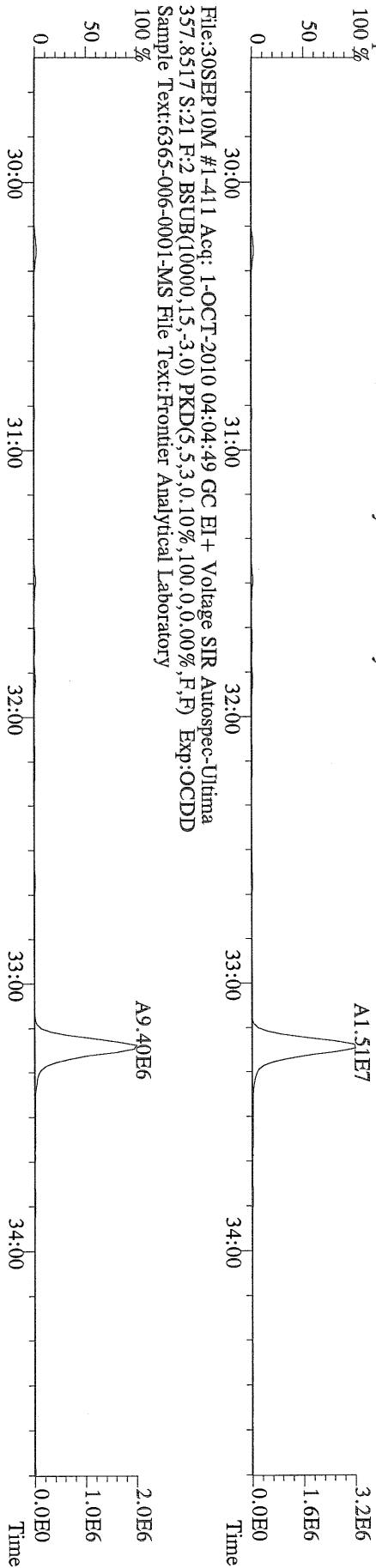
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331.9368 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory  
100 %



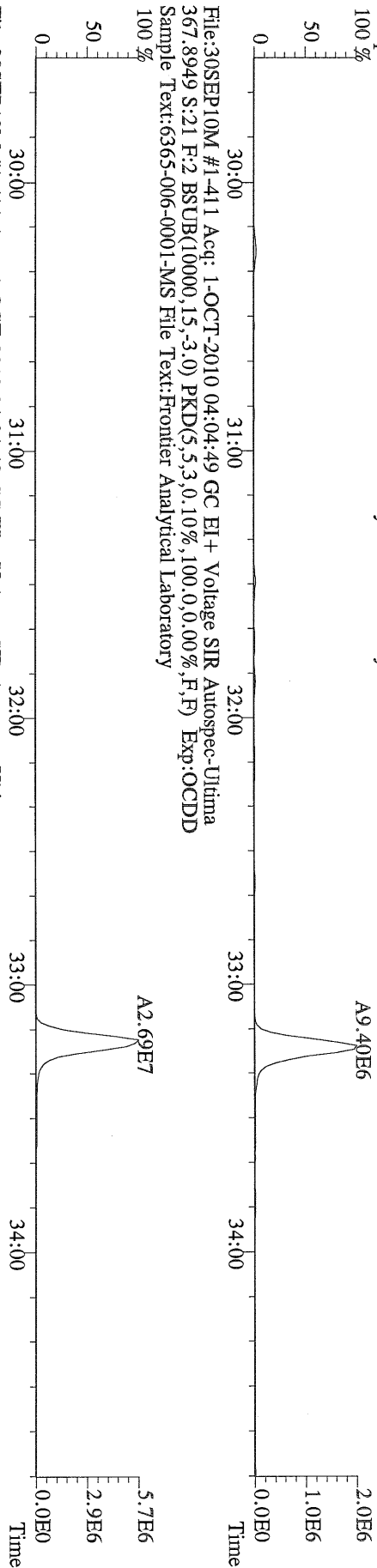
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333.9339 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory



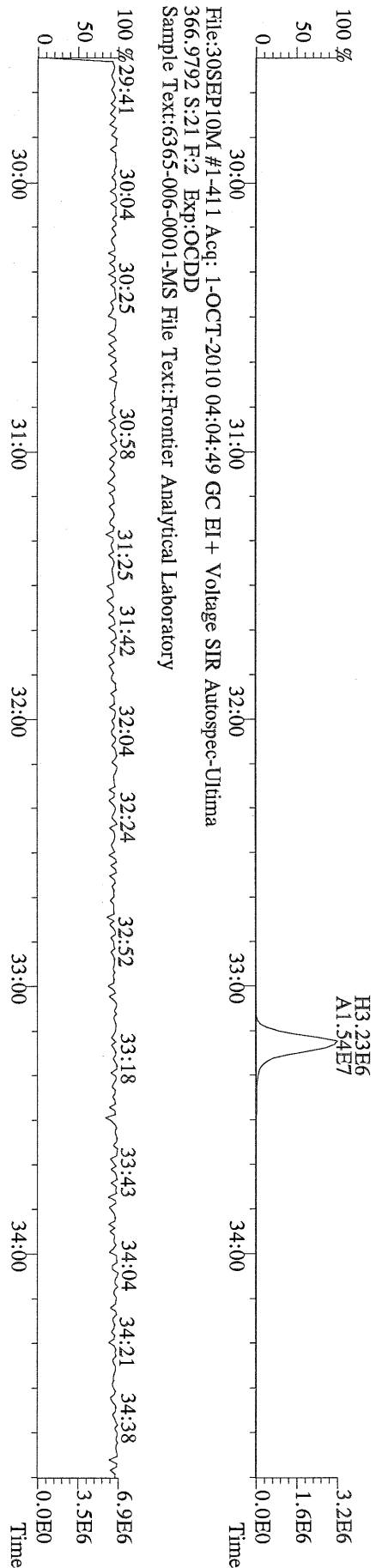
File:30SEP10M #1-411 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
355,8546 S:21 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory  
100 %



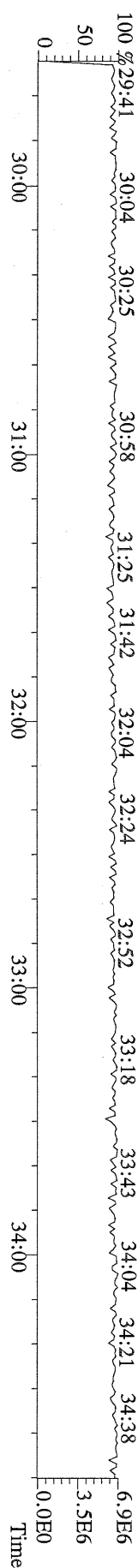
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357,8949 S:21 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory  
100 %



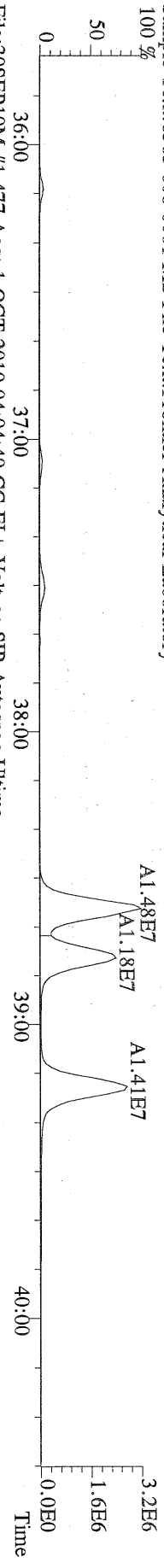
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369,8919 S:21 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory



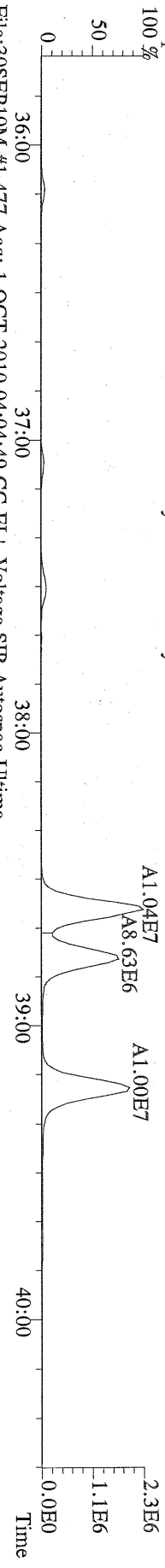
File:30SEP10M #1-411 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
366,9792 S:21 F:2 Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory



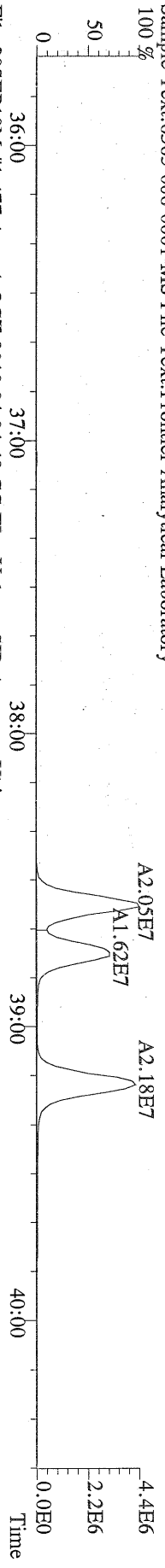
File:30SEP10M #1-477 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
 389.8156 S:21 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



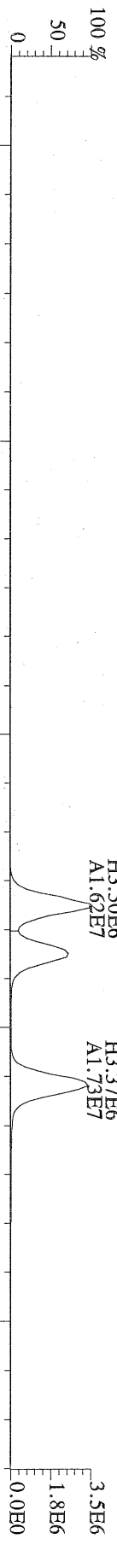
File:30SEP10M #1-477 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
 391.8127 S:21 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



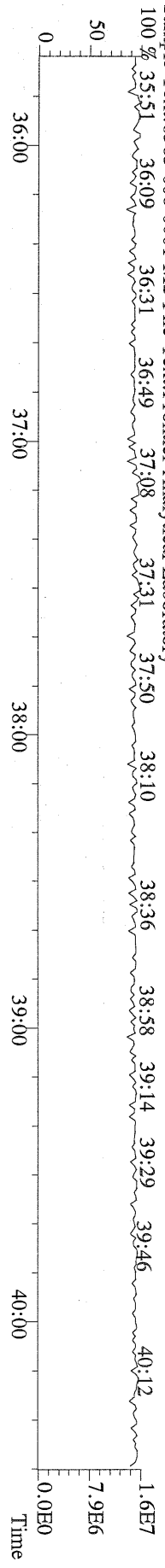
File:30SEP10M #1-477 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
 401.8559 S:21 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



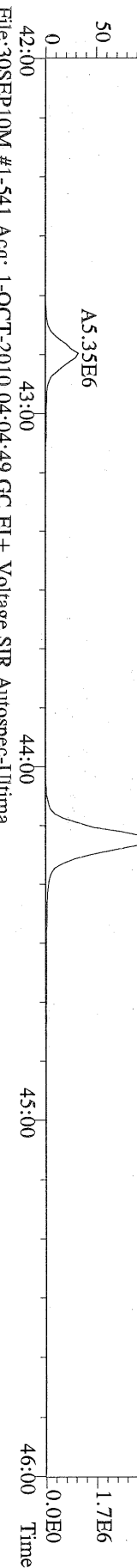
File:30SEP10M #1-477 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
 403.8530 S:21 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



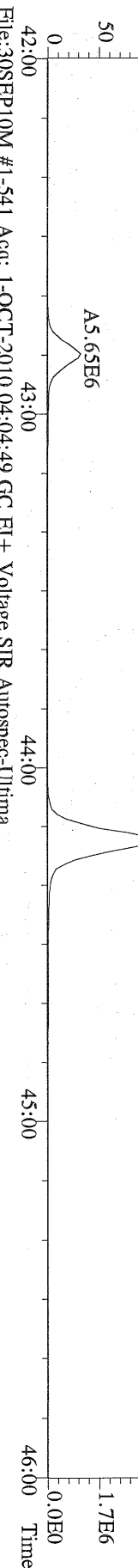
File:30SEP10M #1-477 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
 380.9760 S:21 F:3 Exp:OCDD  
 Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



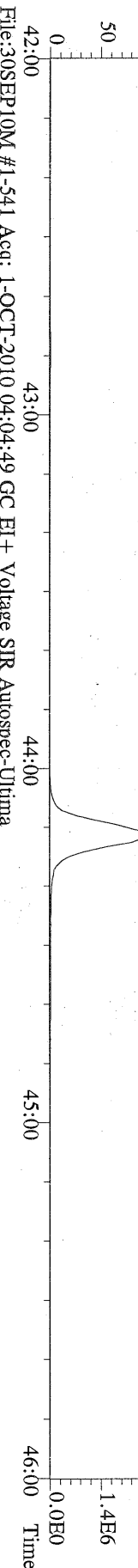
File:30SEP10M #1-541 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
423.7767 S:21 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory  
100 %



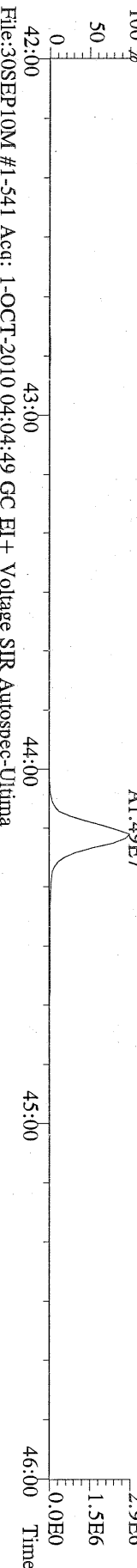
File:30SEP10M #1-541 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
425.7737 S:21 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory  
100 %



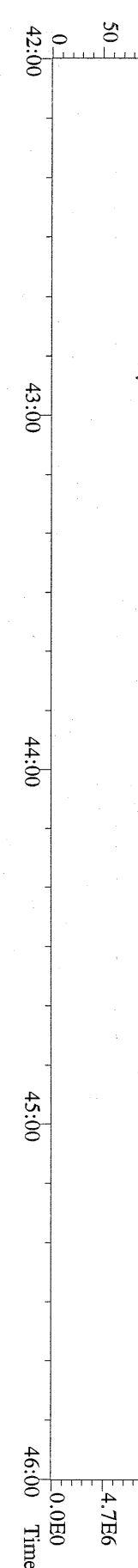
File:30SEP10M #1-541 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
435.8169 S:21 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory  
100 %



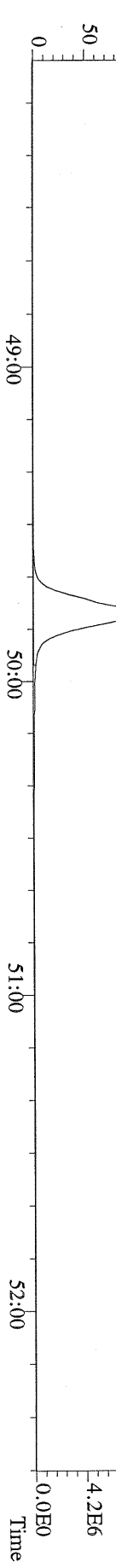
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437.8140 S:21 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



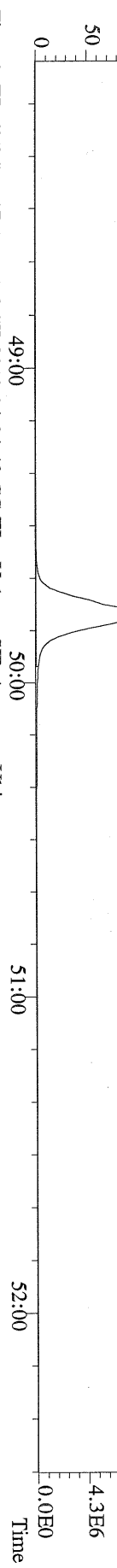
File:30SEP10M #1-541 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
430.9728 S:21 F:4 Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory  
100 %



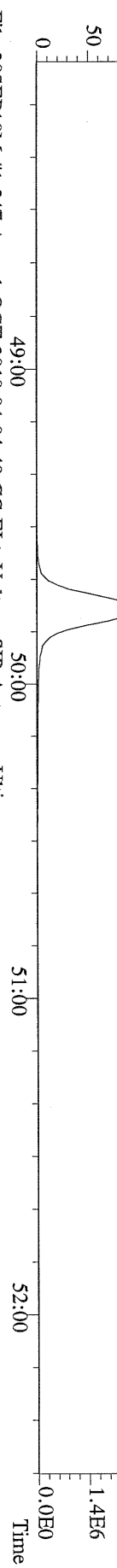
File:30SEP10M #1-347 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
457.7377 S:21 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory  
100 %



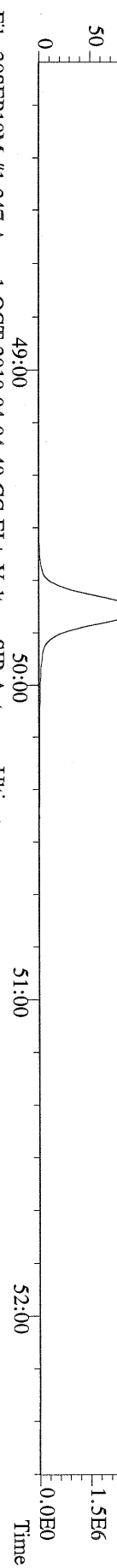
File:30SEP10M #1-347 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
459.7348 S:21 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory  
100 %



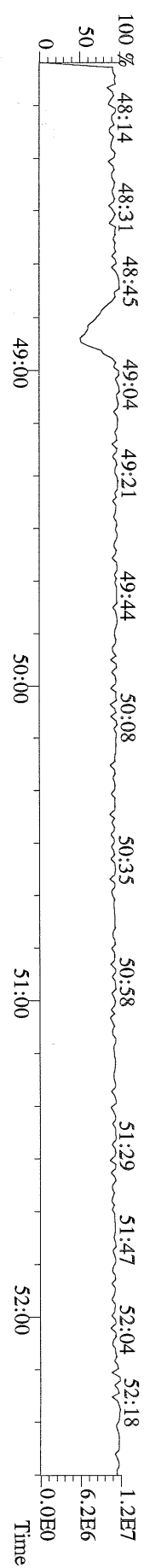
File:30SEP10M #1-347 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
469.7780 S:21 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory  
100 %



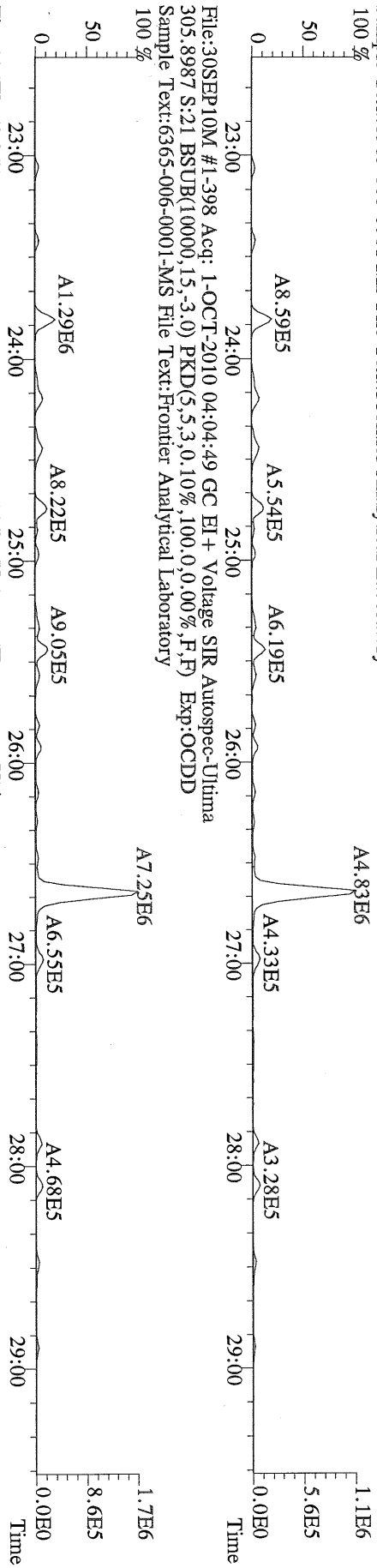
File:30SEP10M #1-347 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
471.7750 S:21 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory  
100 %



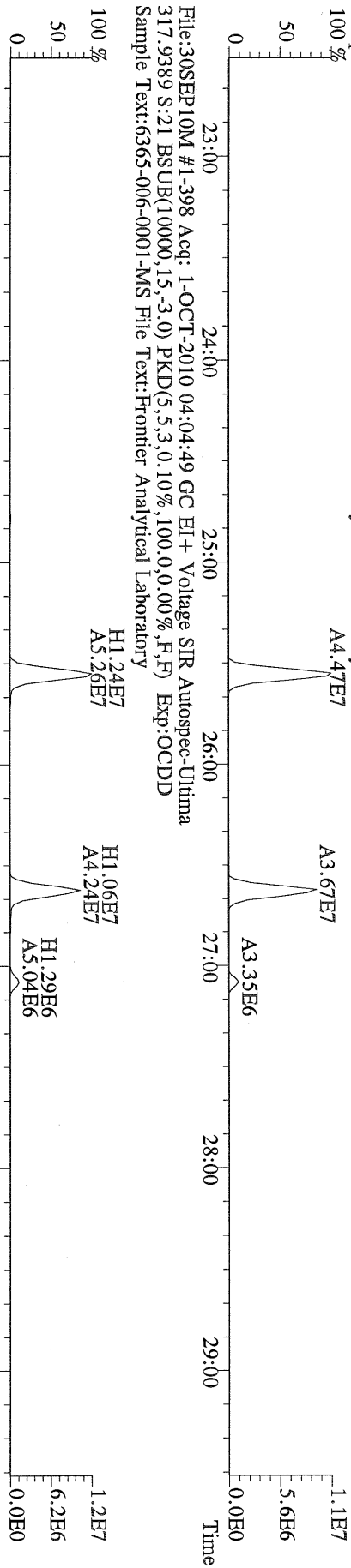
File:30SEP10M #1-347 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
454.9728 S:21 F:5 Exp:OCDD  
Sample Text:6365-006-0001-M5 File Text:Frontier Analytical Laboratory



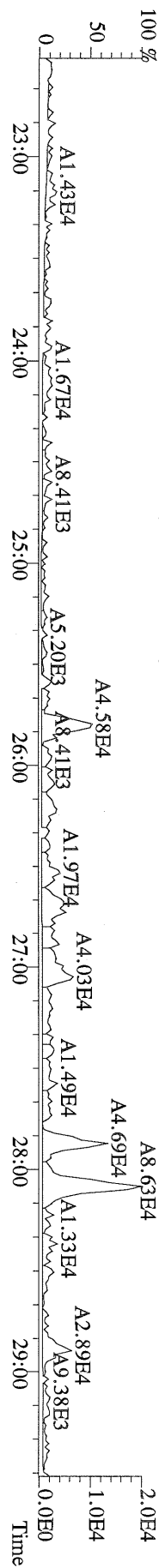
File:30SEP10M #1-398 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
303.9016 S:21 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



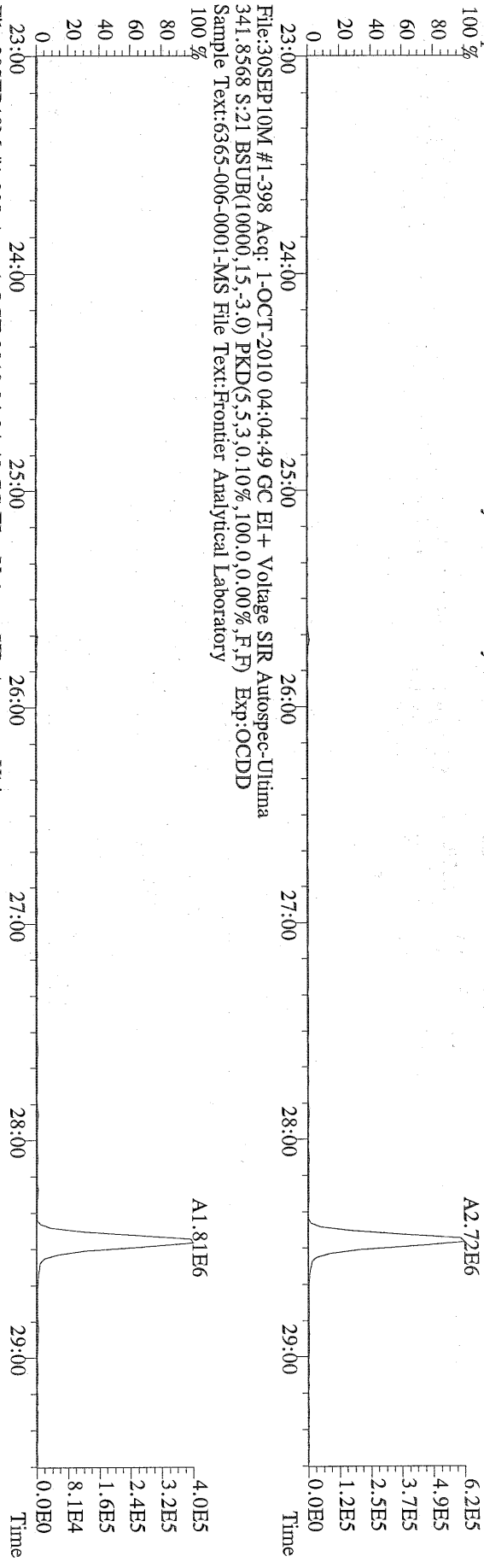
File:30SEP10M #1-398 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
315.9419 S:21 BSUB(10000,15,100.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



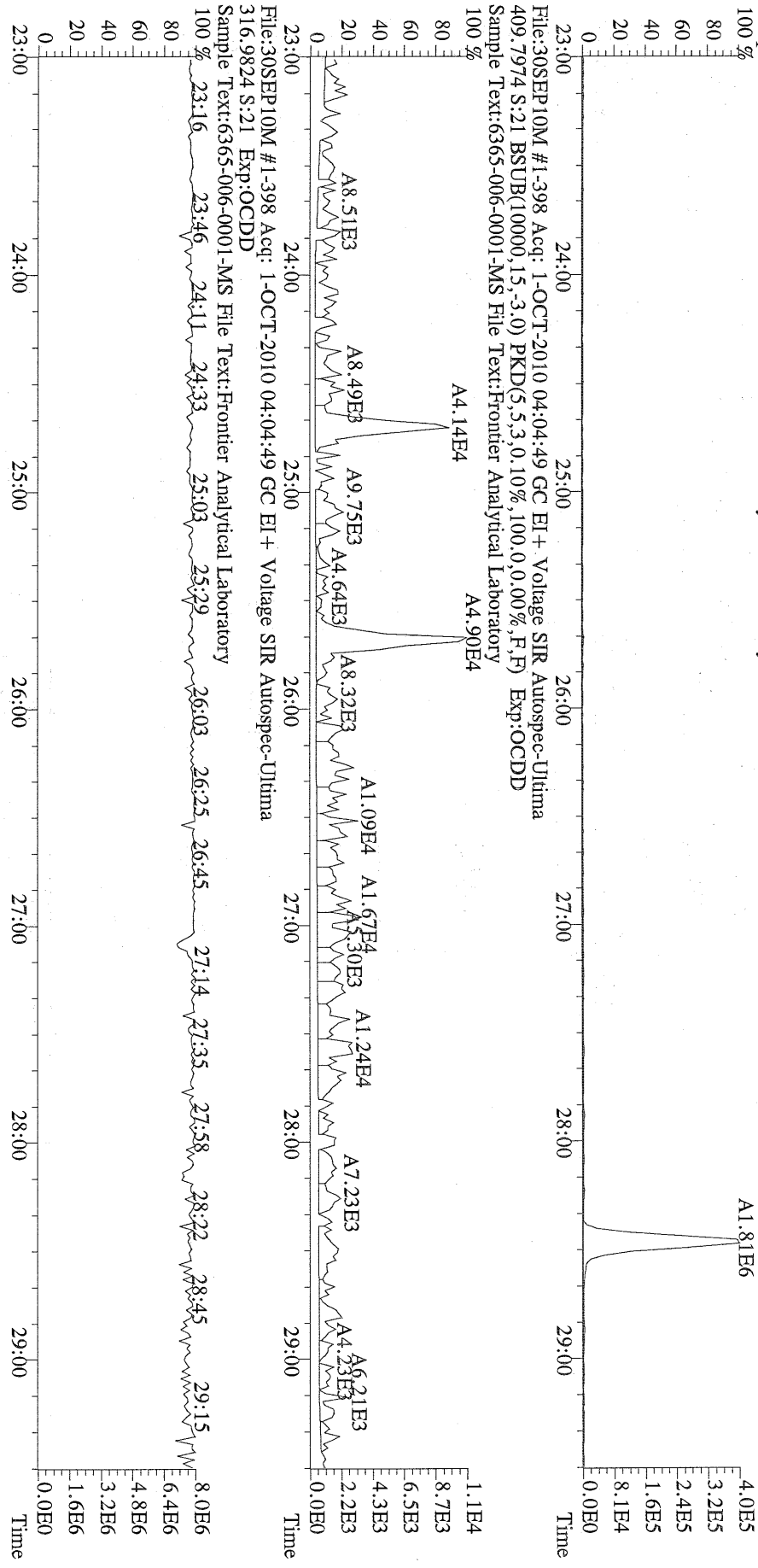
File:30SEP10M #1-398 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
317.9389 S:21 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



File:30SEP10M #1-398 Acq: 1-OCT-2010 04:04:49 GC EI + Voltage SIR Autospec-Ultima  
 339.8597 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory

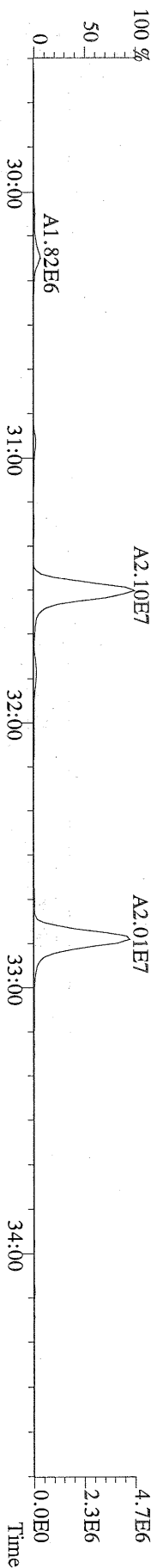


File:30SEP10M #1-398 Acq: 1-OCT-2010 04:04:49 GC EI + Voltage SIR Autospec-Ultima  
 341.8568 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory

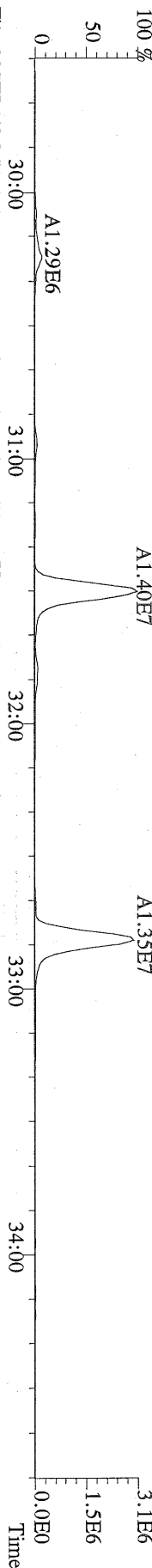




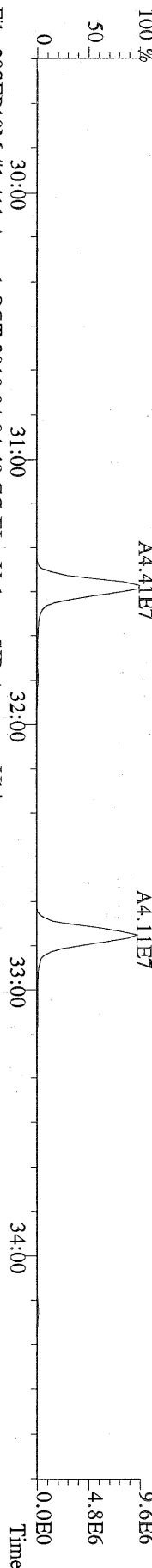
File:30SEP10M #1-411 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
 339.8597 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



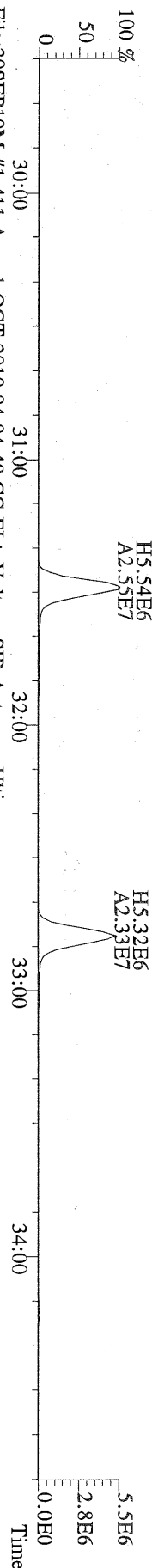
File:30SEP10M #1-411 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
 341.8568 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



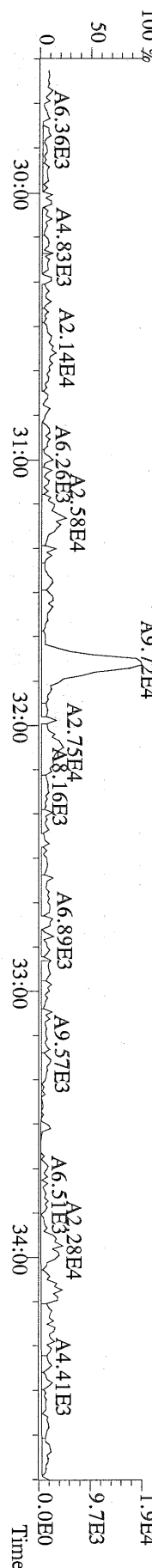
File:30SEP10M #1-411 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
 351.9000 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



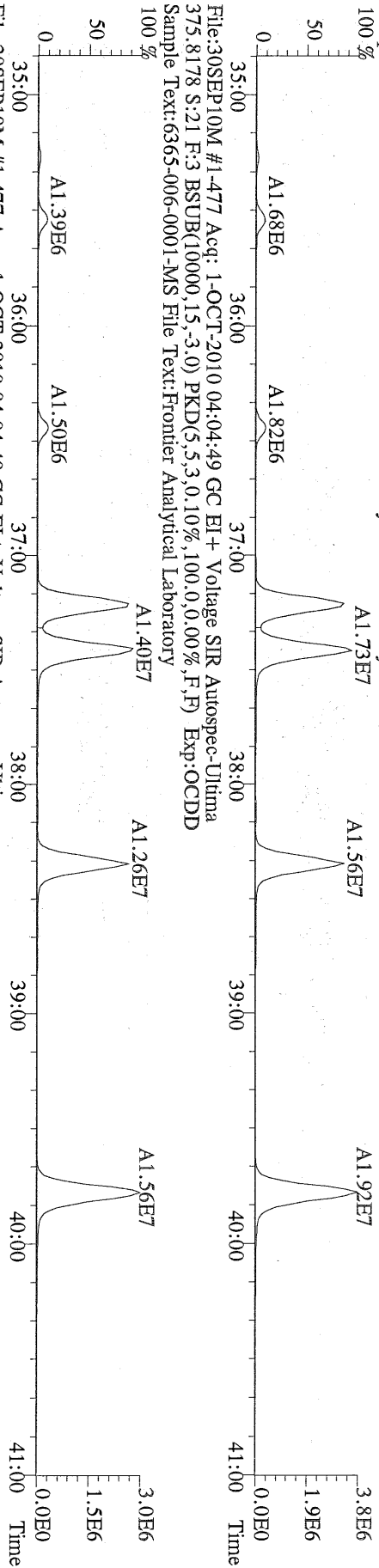
File:30SEP10M #1-411 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
 353.8970 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



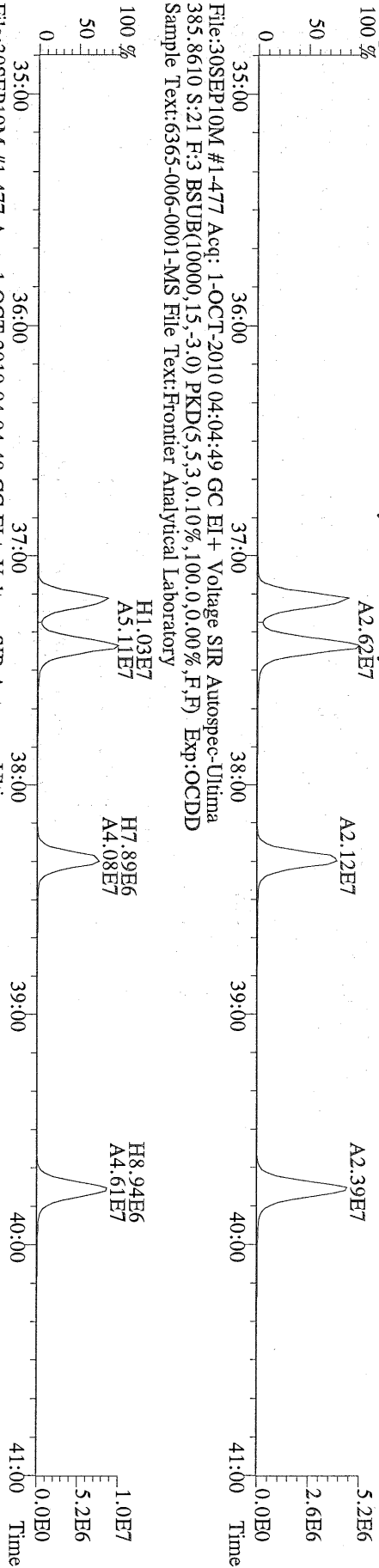
File:30SEP10M #1-411 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
 409.7974 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



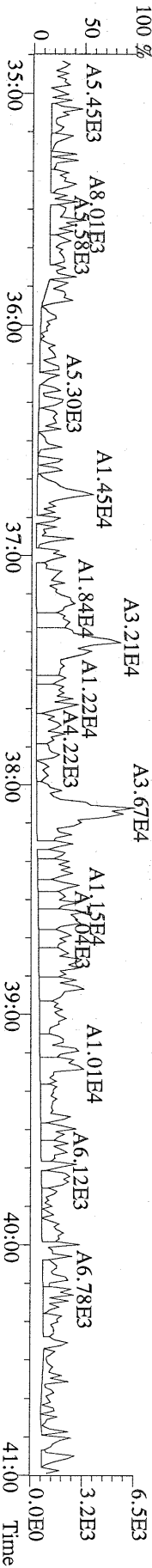
File:30SEP10M #1-477 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
373.8207 S:21 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



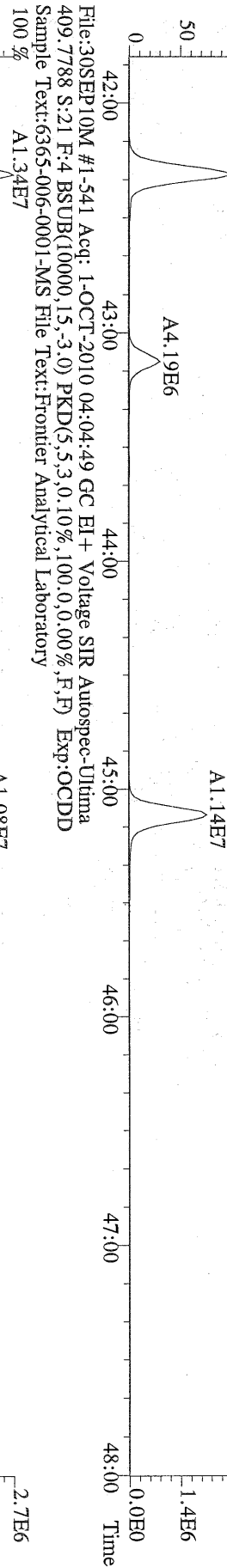
File:30SEP10M #1-477 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
383.8639 S:21 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



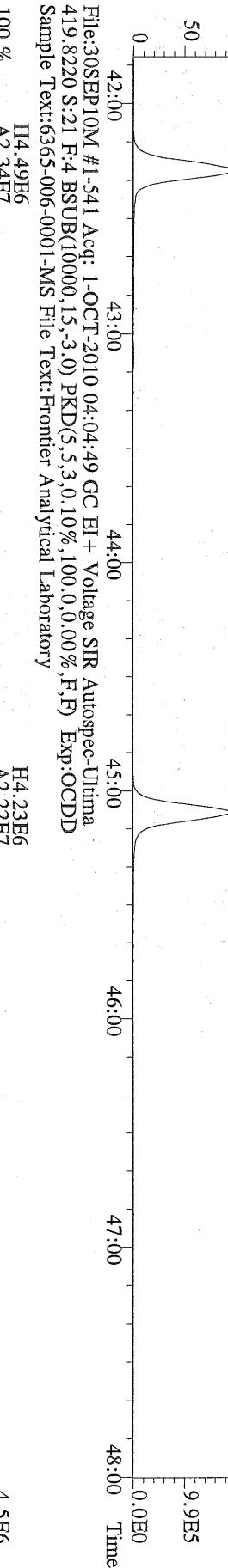
File:30SEP10M #1-477 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
445.7555 S:21 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



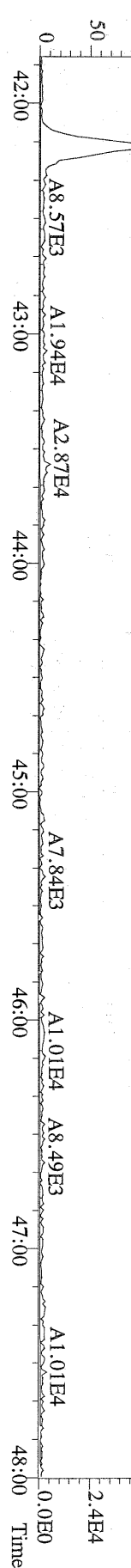
File:30SEP10M #1-541 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
407.7818 S:21 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory  
100 % A1.42E7



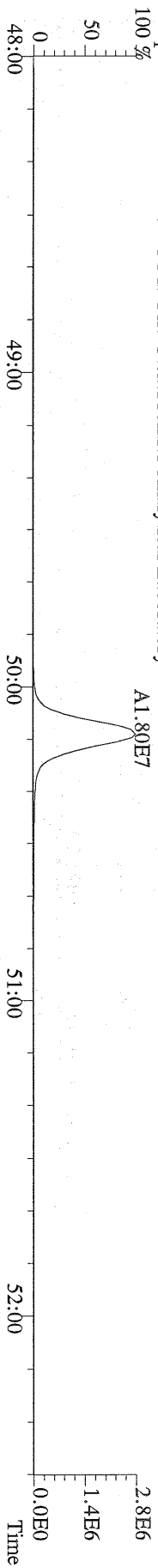
File:30SEP10M #1-541 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
417.8253 S:21 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory  
100 % A1.04E7



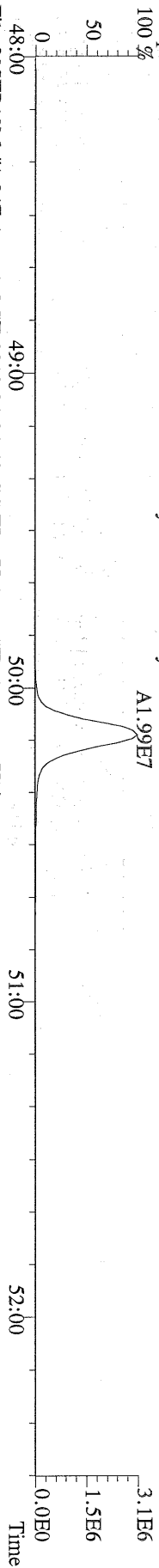
File:30SEP10M #1-541 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Utima  
479.7165 S:21 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory  
100 % A2.48E5



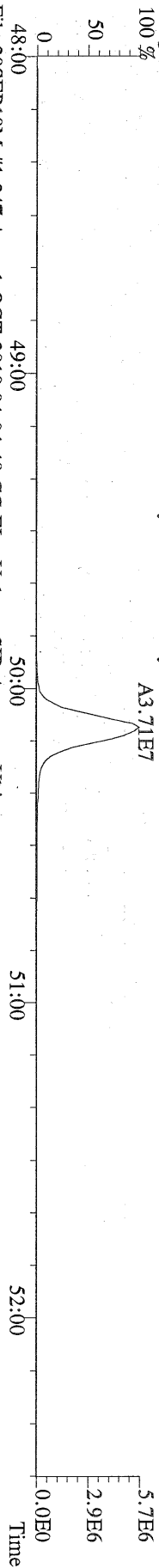
File:30SEP10M #1-347 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
441.7428 S:21 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory  
100 %



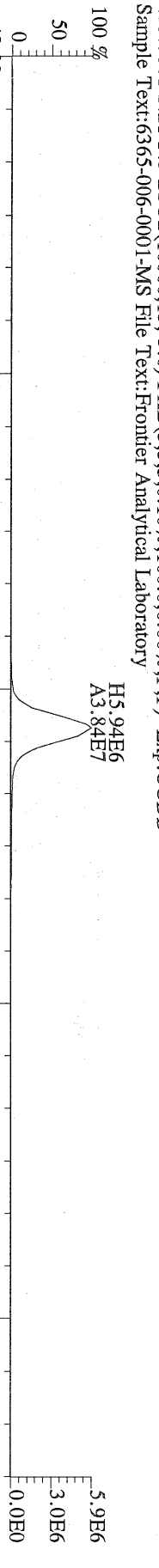
File:30SEP10M #1-347 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
443.7398 S:21 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory  
100 %



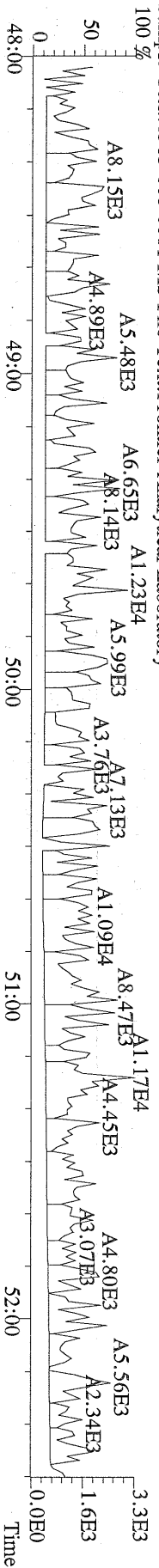
File:30SEP10M #1-347 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
453.7831 S:21 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory  
100 %



File:30SEP10M #1-347 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
455.7801 S:21 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory



File:30SEP10M #1-347 Acq: 1-OCT-2010 04:04:49 GC EI+ Voltage SIR Autospec-Ultima  
513.6775 S:21 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MS File Text:Frontier Analytical Laboratory  
100 %

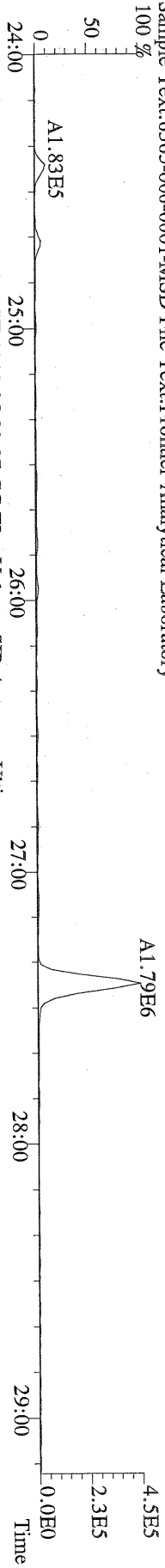


Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	Rec	#Hom
2,3,7,8-TCDD	4.07e+06	0.79 y	27:25	1.11	40.0		2.50	-	-	*	
1,2,3,7,8-PeCDD	1.97e+07	1.60 y	33:15	1.10	198		2.50	-	-	*	
1,2,3,4,7,8-HxCDD	1.84e+07	1.41 y	38:36	1.37	191		2.50	-	-	*	
1,2,3,6,7,8-HxCDD	1.51e+07	1.40 y	38:46	1.37	201		2.50	-	-	*	
1,2,3,7,8,9-HxCDD	1.72e+07	1.41 y	39:13	1.36	202		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	2.34e+07	0.96 y	44:12	1.45	328		2.50	-	-	*	
OCDD	6.10e+07	0.98 y	49:47	1.43	1460		2.50	-	-	*	
2,3,7,8-TCDF	8.46e+06	0.67 y	26:39	1.50	38.2		2.50	-	-	*	
1,2,3,7,8-PeCDF	2.37e+07	1.52 y	31:30	0.94	207		2.50	-	-	*	
2,3,4,7,8-PeCDF	2.65e+07	1.50 y	32:49	0.94	211		2.50	-	-	*	
1,2,3,4,7,8-HxCDF	2.20e+07	1.23 y	37:13	0.93	184		2.50	-	-	*	
1,2,3,6,7,8-HxCDF	2.32e+07	1.23 y	37:25	0.82	189		2.50	-	-	*	
2,3,4,6,7,8-HxCDF	1.87e+07	1.21 y	38:21	0.92	186		2.50	-	-	*	
1,2,3,7,8,9-HxCDF	2.29e+07	1.25 y	39:47	1.00	189		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDF	2.02e+07	1.06 y	42:18	1.39	221		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	1.36e+07	1.06 y	45:07	1.36	193		2.50	-	-	*	
OCDF	2.44e+07	0.90 y	50:09	0.79	497		2.50	-	-	*	
13C-2,3,7,8-TCDD	3.69e+07	0.80 y	27:24	1.02	302					74.9	
13C-1,2,3,7,8-PeCDD	3.64e+07	1.77 y	33:13	0.84	363					90.0	
13C-1,2,3,4,7,8-HxCDD	2.83e+07	1.26 y	38:35	1.07	335					83.0	
13C-1,2,3,6,7,8-HxCDD	2.21e+07	1.26 y	38:45	1.01	277					68.7	
13C-1,2,3,4,6,7,8-HpCDD	1.98e+07	0.93 y	44:11	0.86	295					73.0	
13C-OCDD	2.35e+07	0.96 y	49:46	0.55	547					67.8	
13C-2,3,7,8-TCDF	5.95e+07	0.87 y	26:38	0.99	289					71.7	
13C-1,2,3,7,8-PeCDF	4.90e+07	1.76 y	31:29	0.84	283					70.1	
13C-2,3,4,7,8-PeCDF	5.40e+07	1.75 y	32:47	0.81	322					79.8	
13C-1,2,3,4,7,8-HxCDF	5.20e+07	0.52 y	37:12	1.85	357					88.4	
13C-1,2,3,6,7,8-HxCDF	6.04e+07	0.51 y	37:23	2.54	303					75.0	
13C-2,3,4,6,7,8-HxCDF	4.42e+07	0.51 y	38:20	2.01	279					69.1	
13C-1,2,3,7,8,9-HxCDF	4.89e+07	0.52 y	39:46	2.03	306					75.9	
13C-1,2,3,4,6,7,8-HpCDF	2.64e+07	0.44 y	42:17	1.11	303					75.2	
13C-1,2,3,4,7,8,9-HpCDF	2.08e+07	0.45 y	45:06	0.80	329					81.7	
13C-OCDF	5.03e+07	0.97 y	50:07	1.08	591					73.3	
37Cl-2,3,7,8-TCDD	1.01e+07		27:25	0.69	123					76.3	
13C-1,2,3,4-TCDD	4.81e+07	0.80 y	26:49	-	21.6						
13C-1,2,3,4-TCDF	8.34e+07	0.83 y	25:34	-	23.3						
13C-1,2,3,7,8,9-HxCDD	3.17e+07	1.25 y	39:11	-	23.2						
Total Tetra-Dioxins	5.60e+06		23:12	1.11	55.0		2.50	-	-	*	31
Total Penta-Dioxins	2.11e+07		30:16	1.10	212		2.50	-	-	*	9
Total Hexa-Dioxins	5.30e+07		36:09	1.37	621		2.50	-	-	*	9
Total Hepta-Dioxins	3.21e+07		41:37	1.45	449		2.50	-	-	*	6
Total Tetra-Furans	2.15e+07		23:04	1.50	96.9		2.50	-	-	*	28
1st Fn. Tot Penta-Furans	3.60e+06		23:28	0.94	30.0		2.50	-	-	*	PeCDF 29
Total Penta-Furans	5.63e+07		30:06	0.94	469		2.50	-	-	*	499 11
Total Hexa-Furans	9.24e+07		35:16	0.91	796		2.50	-	-	*	13
Total Hepta-Furans	4.02e+07		41:52	1.38	496		2.50	-	-	*	8

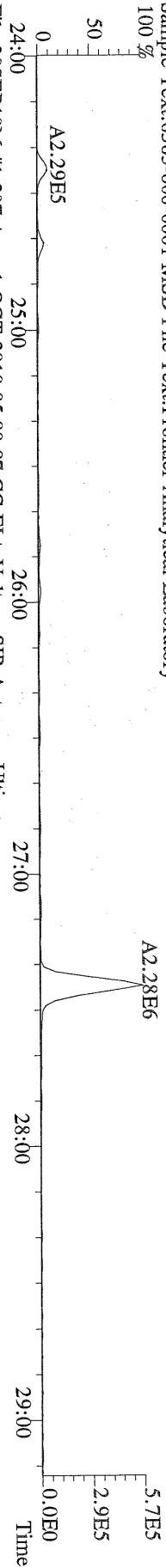
Analyst: 

Date: 10/1/10

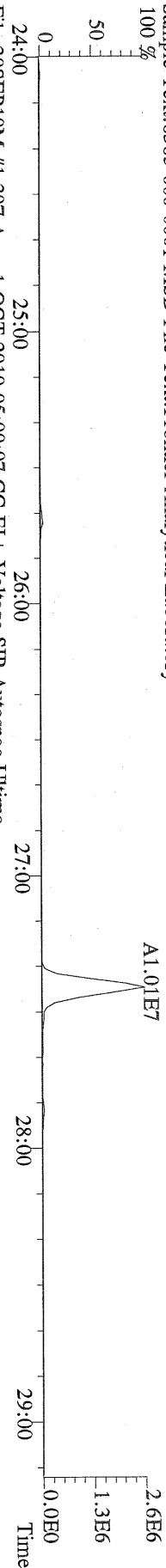
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100 %



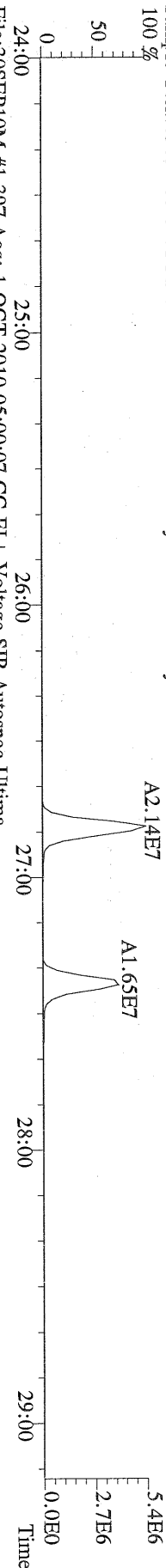
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100 %



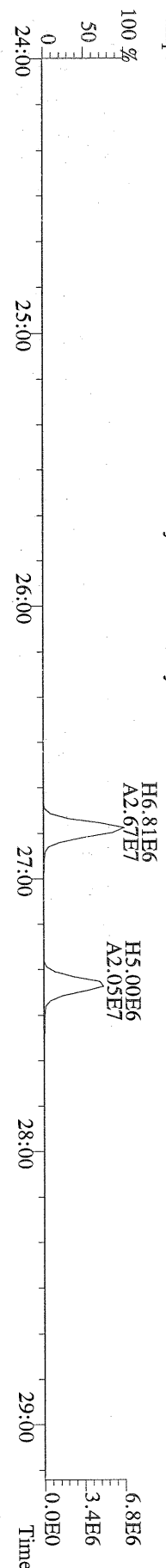
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100 %



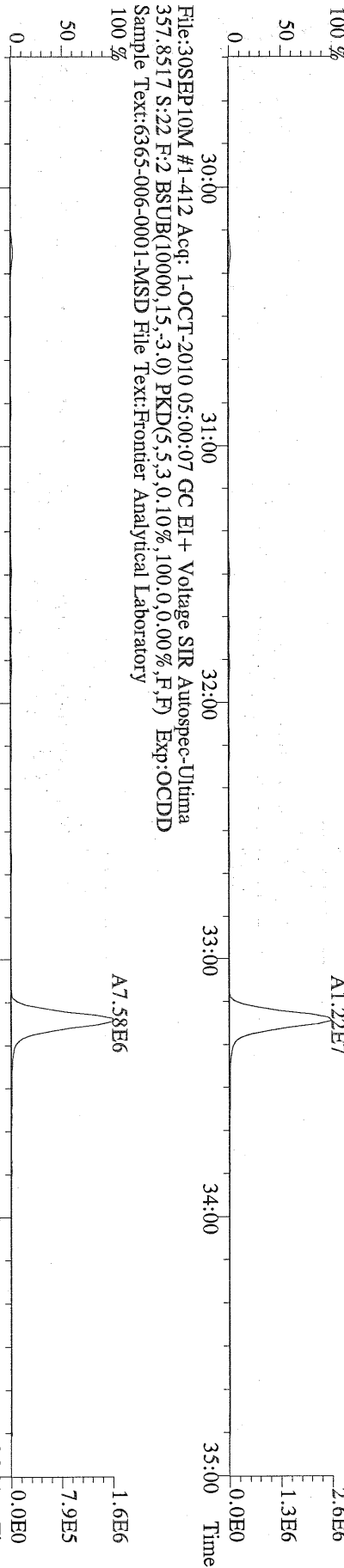
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100 %



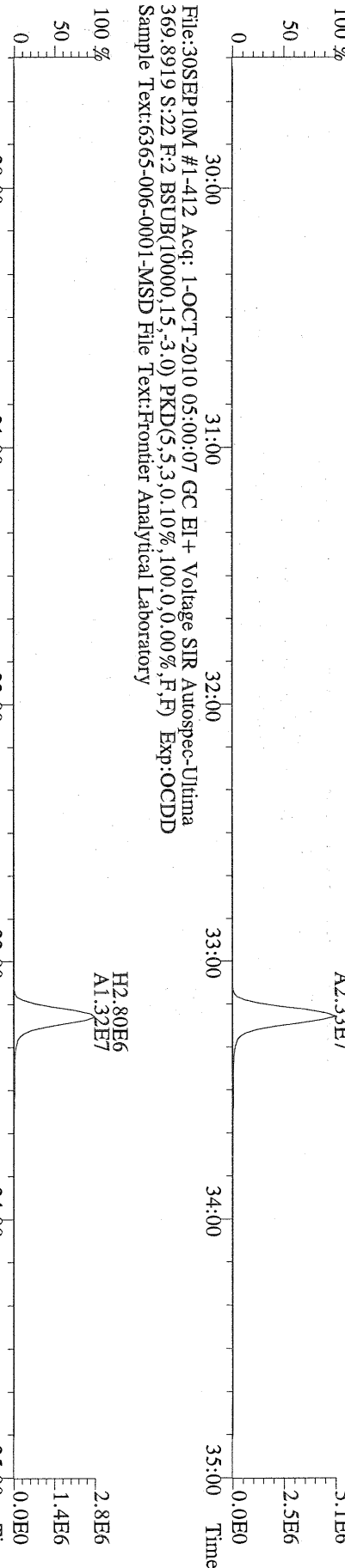
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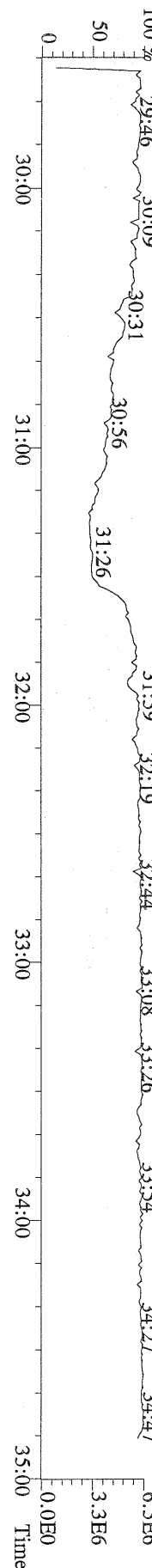
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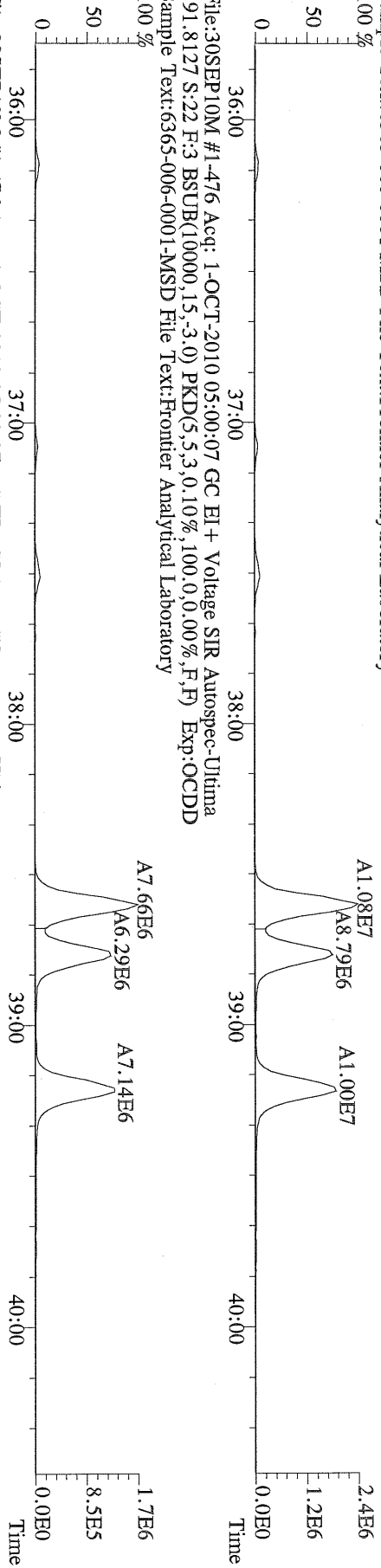
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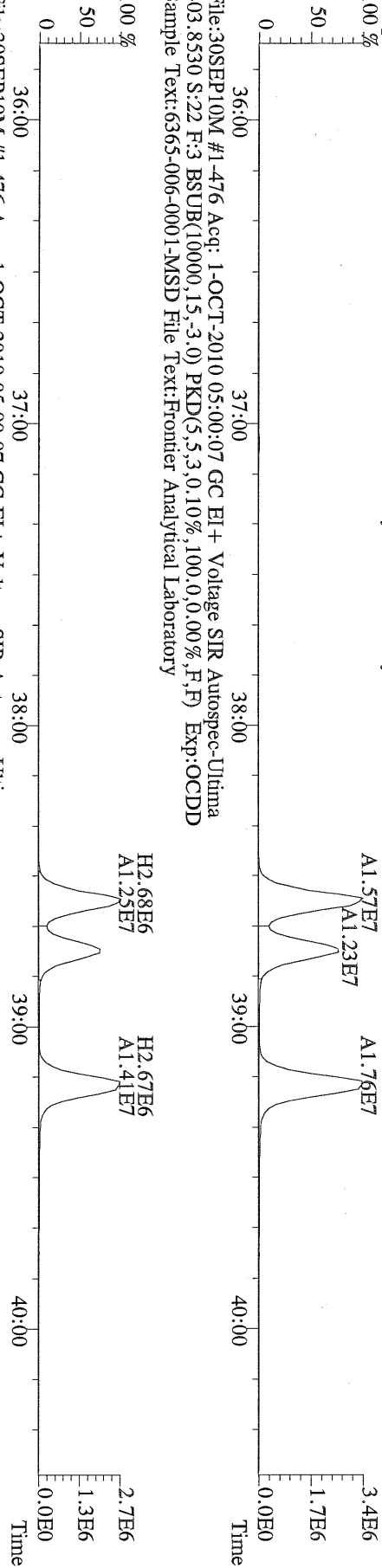
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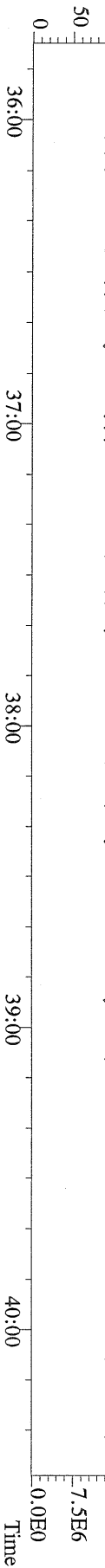
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389.8156 S:22 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,00%,F,F) Exp:OCDD  
100 % Sample Text:6365-006-0001-MSD File Text:Frontier Analytical Laboratory



File:30SEP10M #1-476 Acq: 1-OCT-2010 05:00:07 GC EI + Voltage SIR Autospec-Ultima  
401.8559 S:22 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,00%,F,F) Exp:OCDD  
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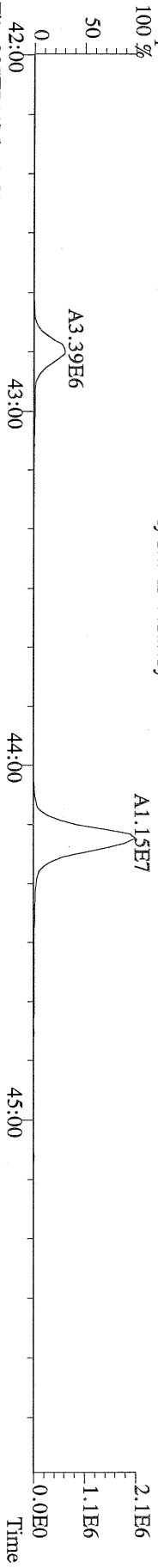


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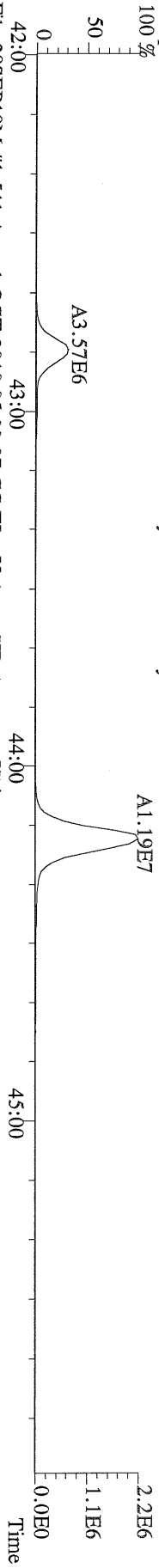




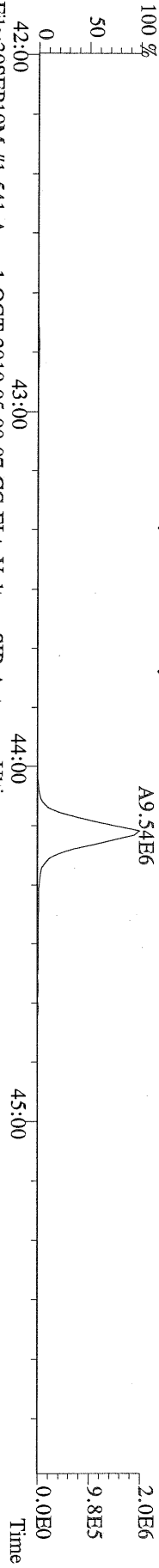
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423.7767 S:22 F:4 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
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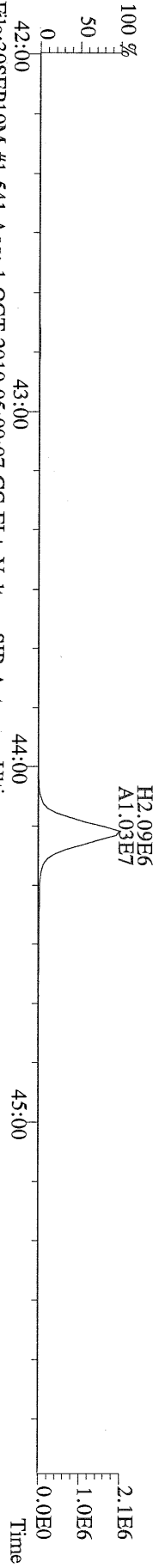
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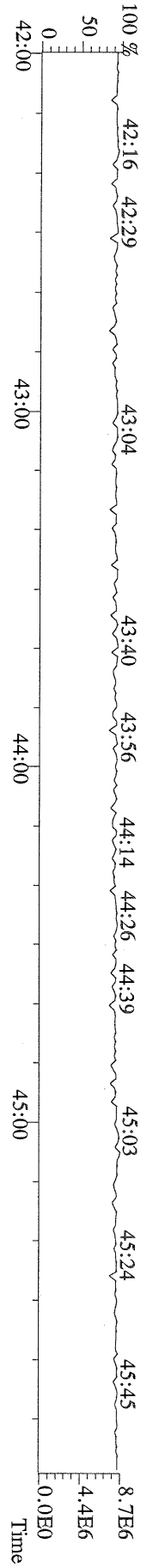
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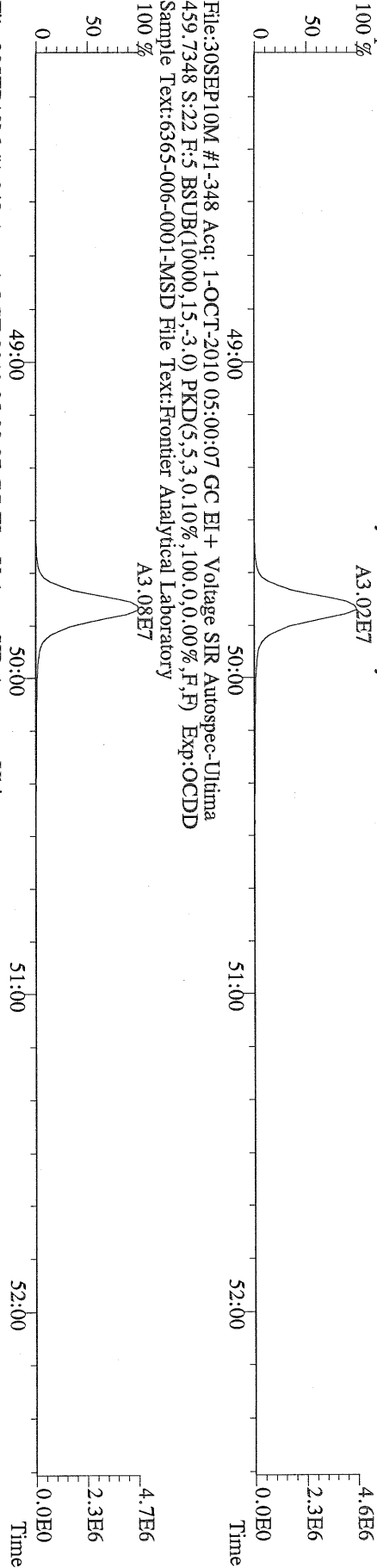
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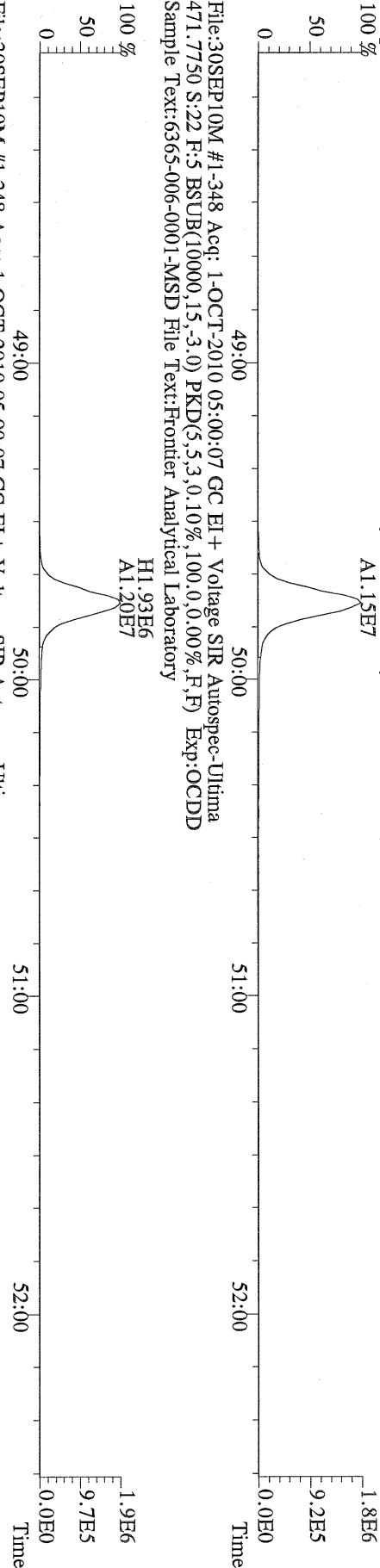
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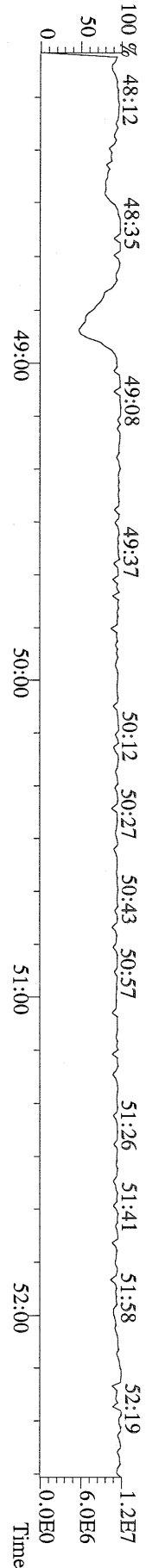
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457.7377 S:22 F:5 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MSD File Text:Frontier Analytical Laboratory



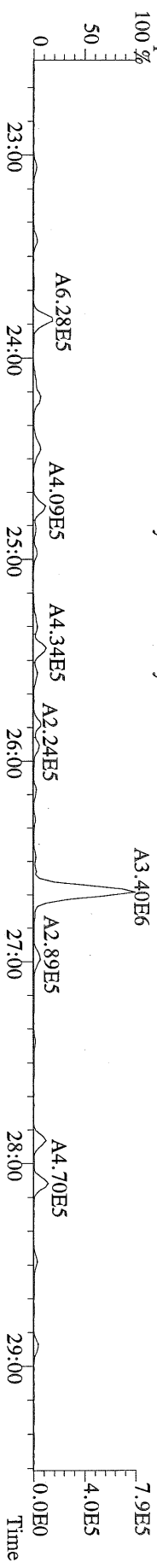
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469.7780 S:22 F:5 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
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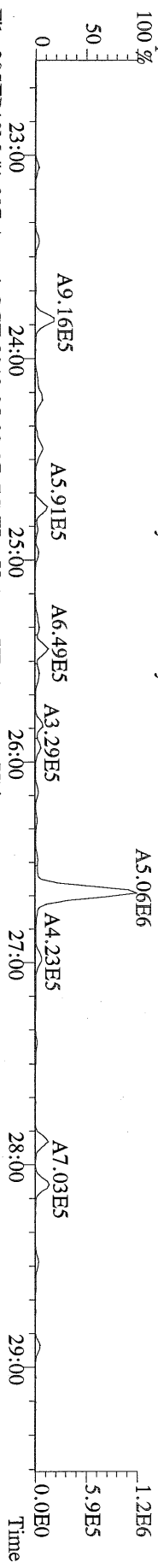
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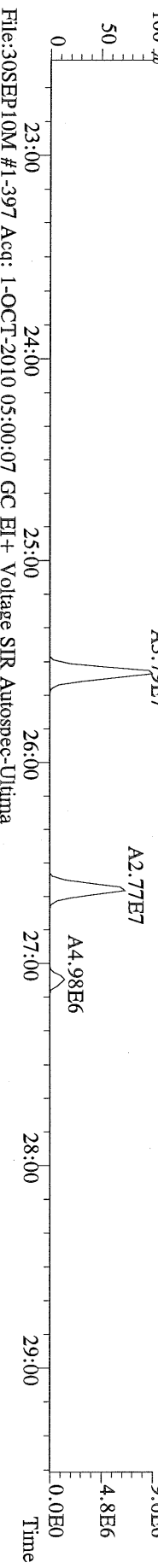
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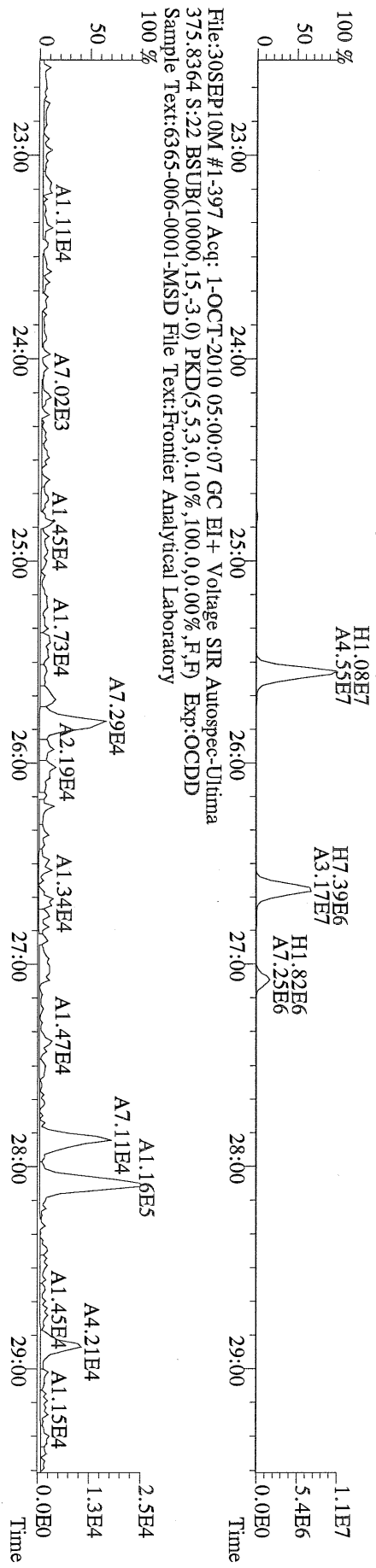
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 305.8987 S:22 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-006-0001-MSD File Text:Frontier Analytical Laboratory



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 315.9419 S:22 BSUB(10000,15,100.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
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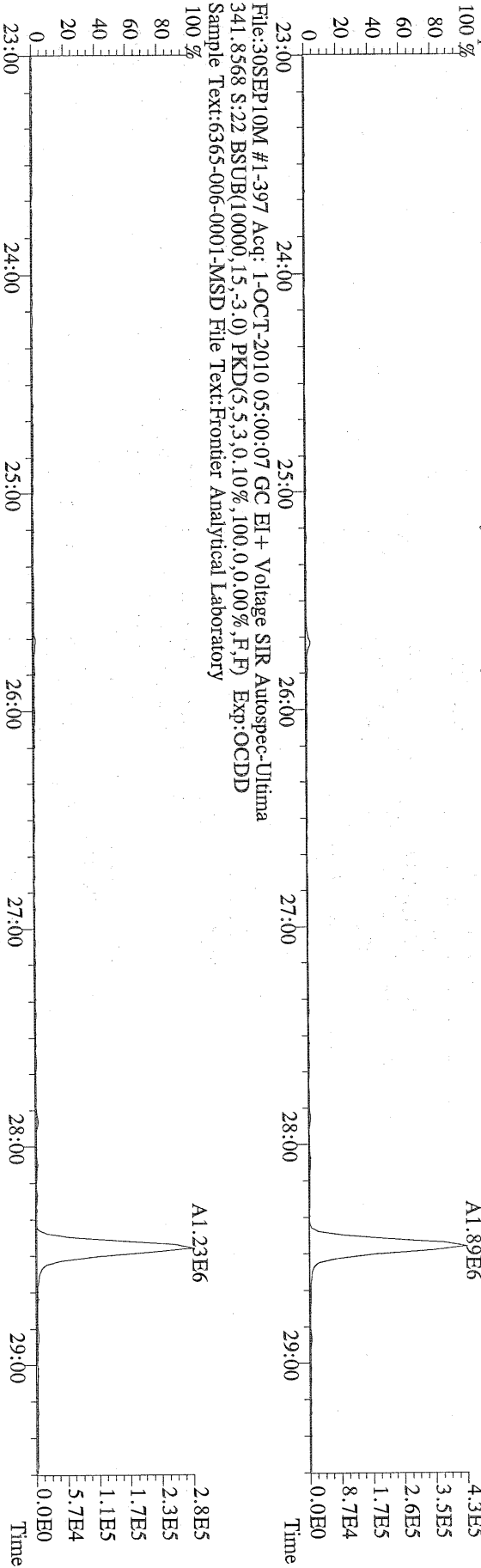


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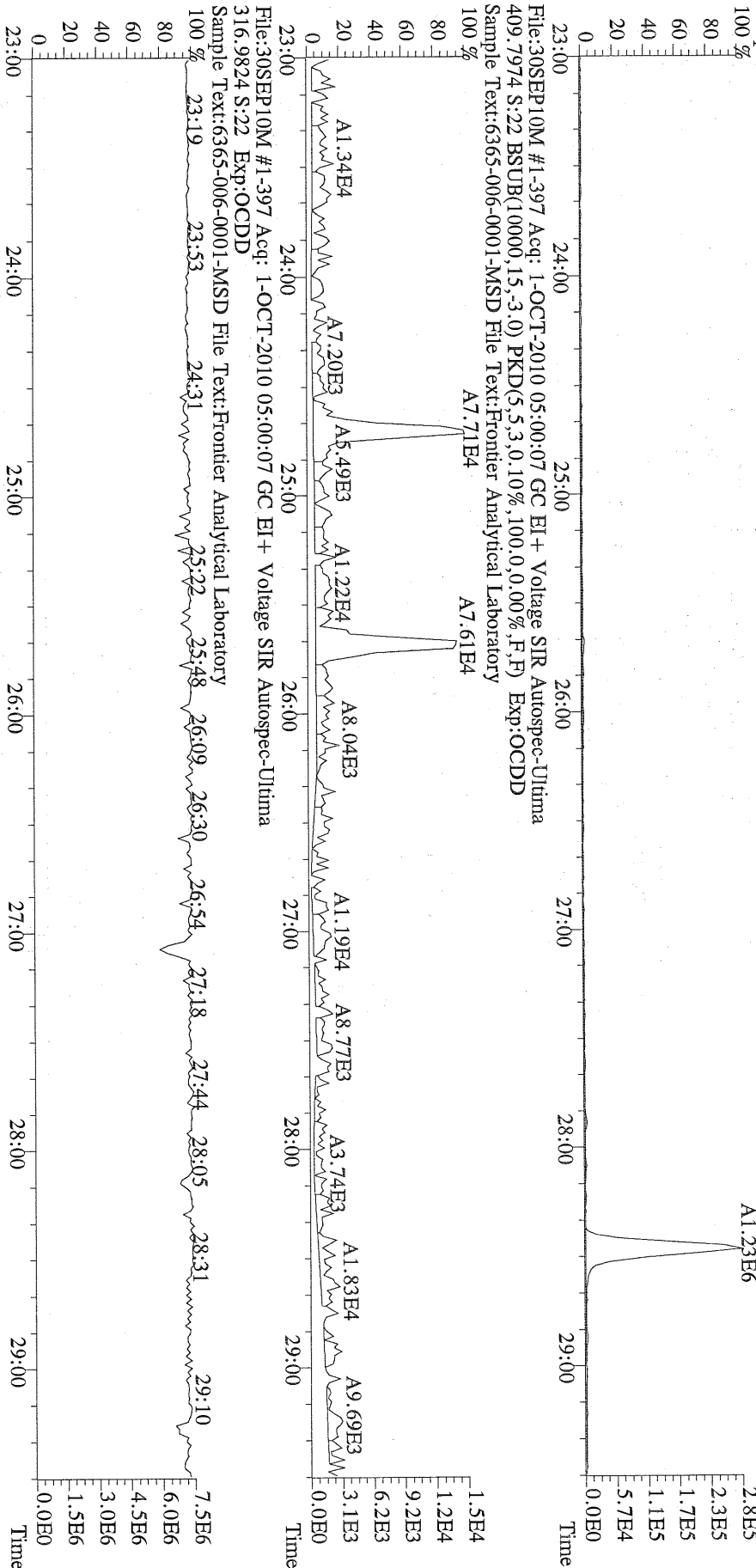


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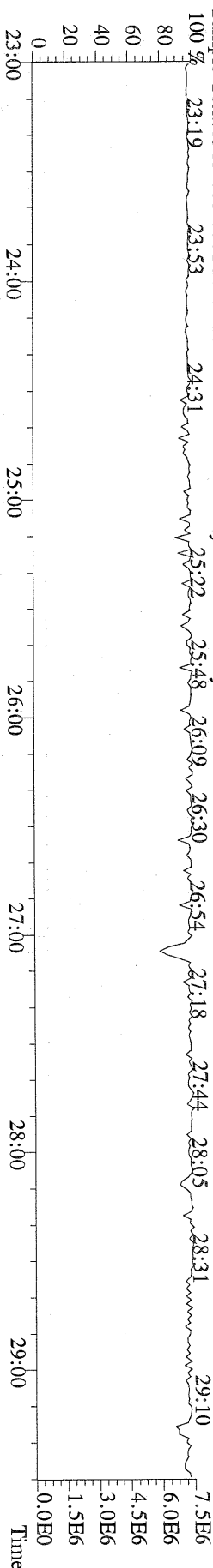
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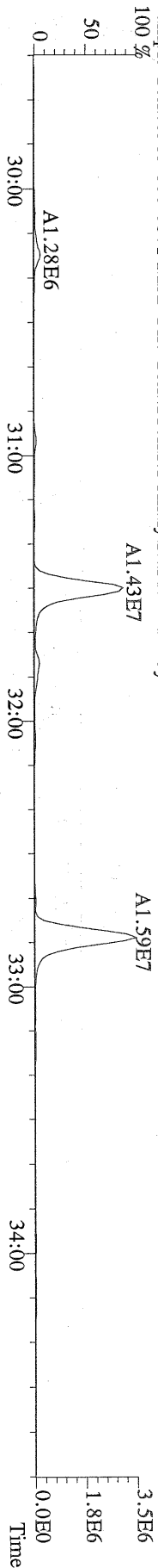
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 Sample Text:6365-006-0001-MSD File Text:Frontier Analytical Laboratory



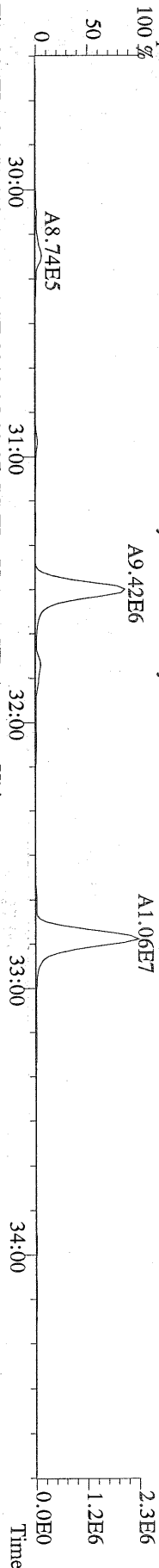
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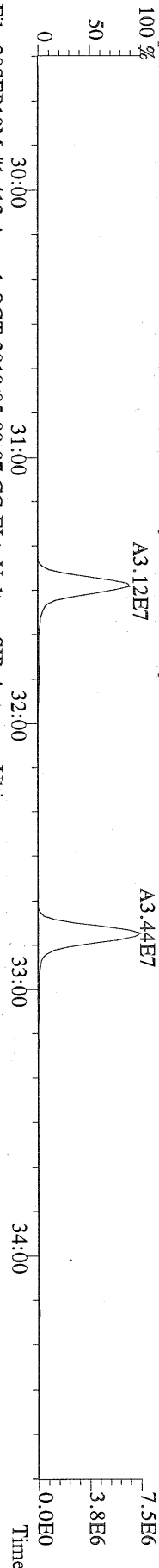
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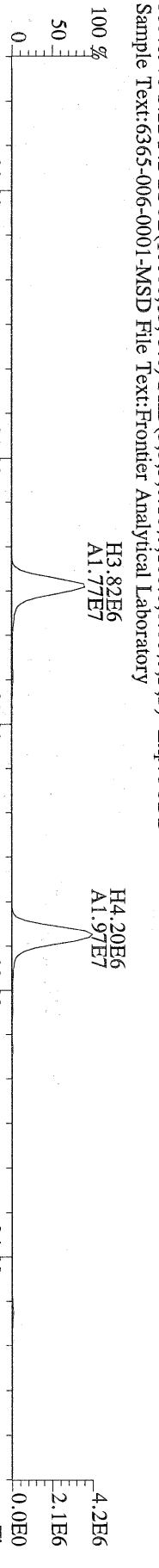
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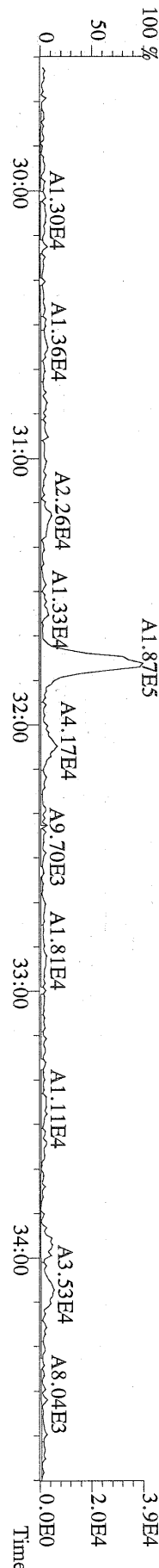
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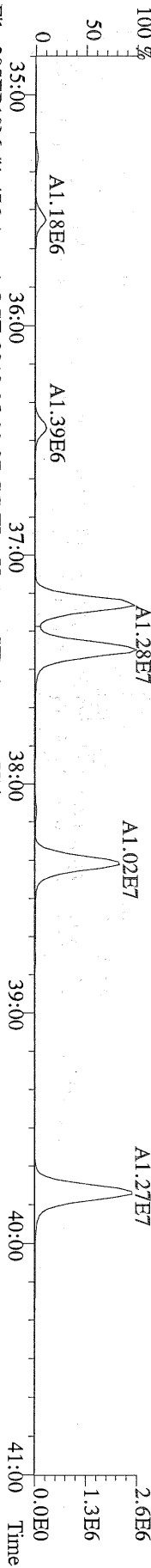
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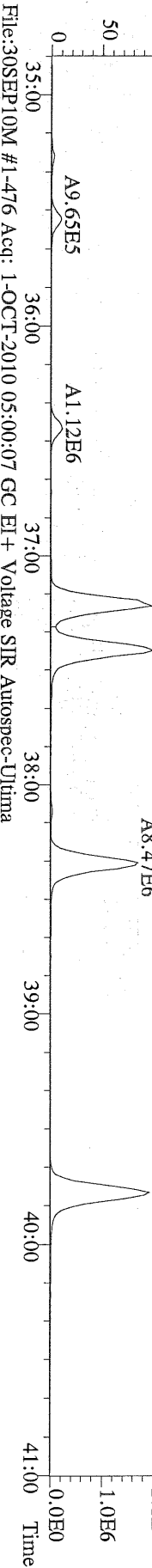
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 409.7974 S:22 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
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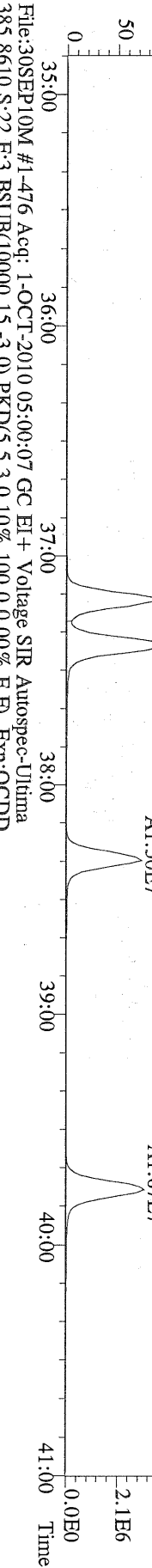
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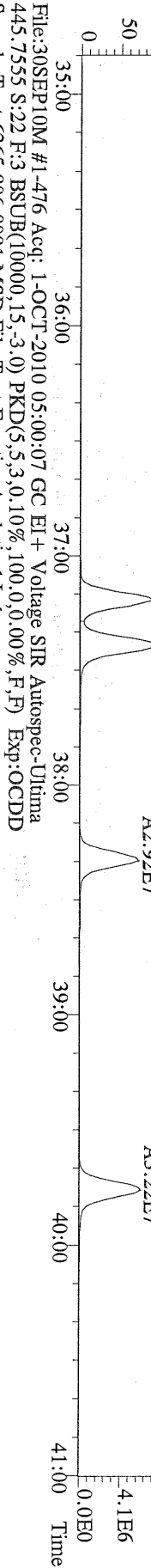
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Sample Text:6365-006-0001-MSD File Text:Frontier Analytical Laboratory



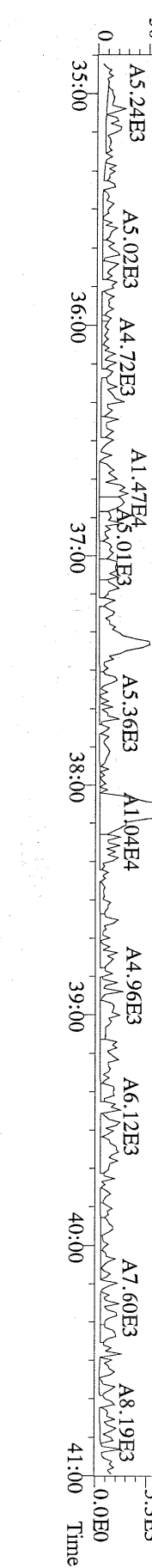
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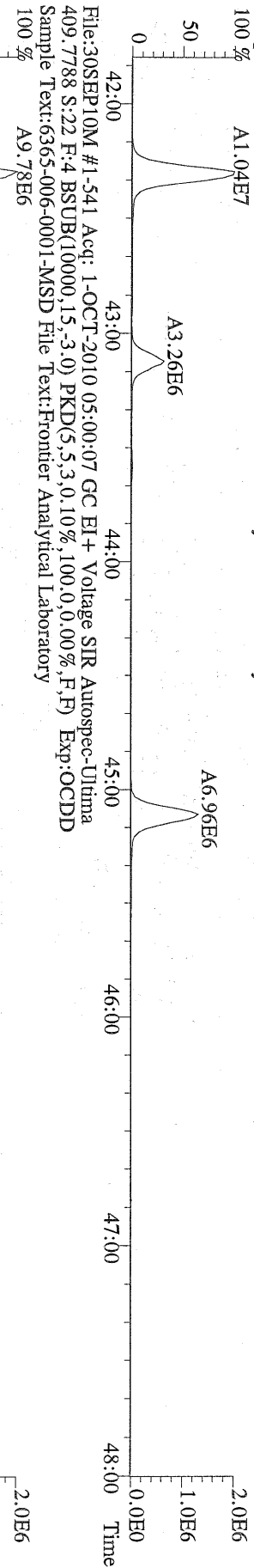
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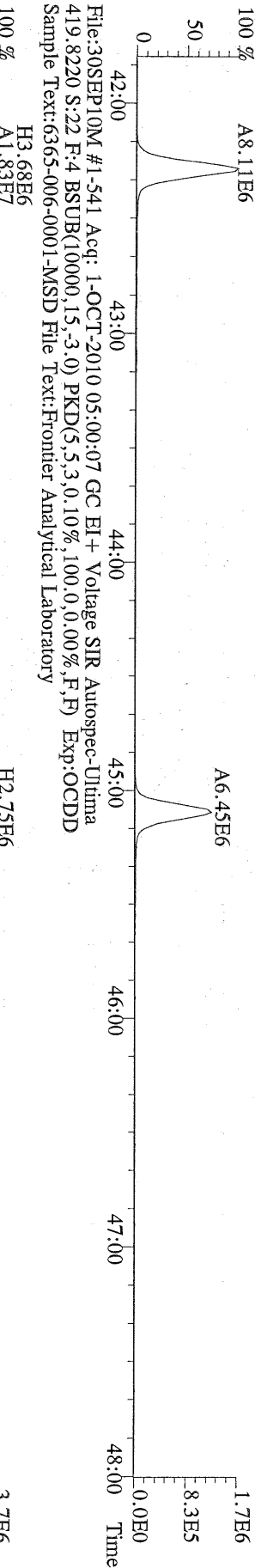
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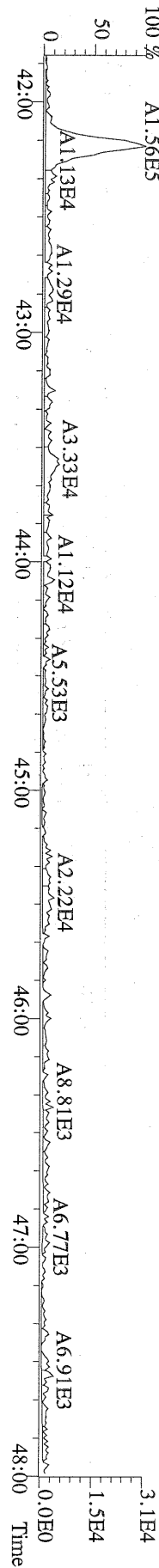
File:30SEP10M #1-541 Acq: 1-OCT-2010 05:00:07 GC EI+ Voltage SIR Autospec-Utima  
407.7818 S:22 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0,0,0) Exp:OCDD  
Sample Text:6365-006-0001-MSD File Text:Frontier Analytical Laboratory



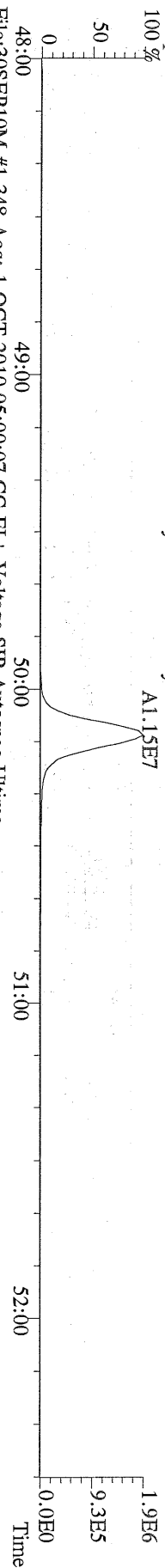
File:30SEP10M #1-541 Acq: 1-OCT-2010 05:00:07 GC EI+ Voltage SIR Autospec-Utima  
417.8253 S:22 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0,0) Exp:OCDD  
Sample Text:6365-006-0001-MSD File Text:Frontier Analytical Laboratory



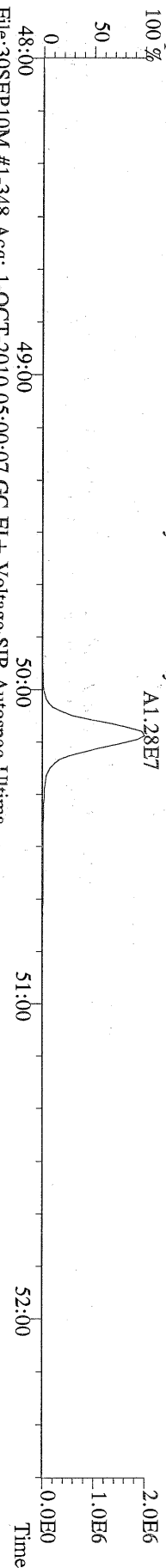
File:30SEP10M #1-541 Acq: 1-OCT-2010 05:00:07 GC EI+ Voltage SIR Autospec-Utima  
479.7165 S:22 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0,0) Exp:OCDD  
Sample Text:6365-006-0001-MSD File Text:Frontier Analytical Laboratory



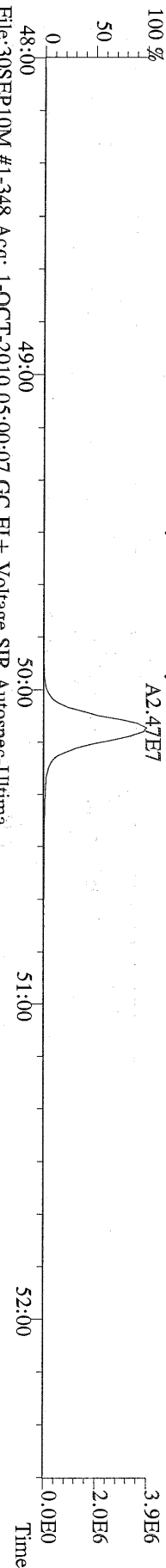
File:30SEP10M #1-348 Acq: 1-OCT-2010 05:00:07 GC EI+ Voltage SIR Autospec-Ultima  
441.7428 S:22 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MSD File Text:Frontier Analytical Laboratory



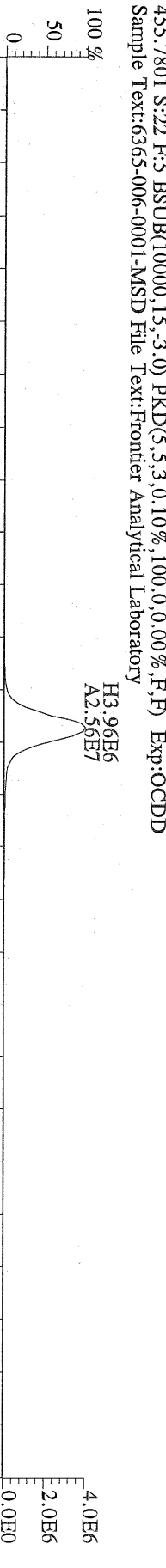
File:30SEP10M #1-348 Acq: 1-OCT-2010 05:00:07 GC EI+ Voltage SIR Autospec-Ultima  
443.7398 S:22 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MSD File Text:Frontier Analytical Laboratory



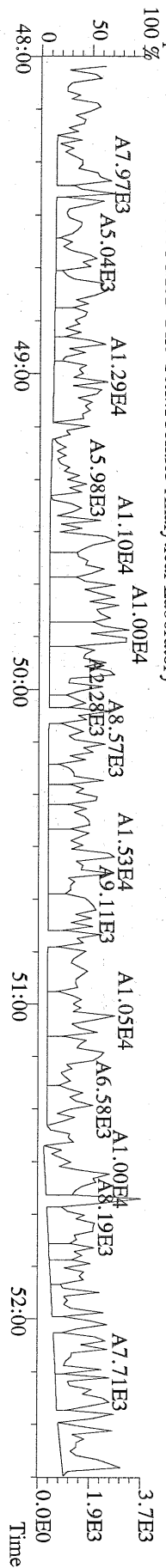
File:30SEP10M #1-348 Acq: 1-OCT-2010 05:00:07 GC EI+ Voltage SIR Autospec-Ultima  
453.7831 S:22 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-006-0001-MSD File Text:Frontier Analytical Laboratory



File:30SEP10M #1-348 Acq: 1-OCT-2010 05:00:07 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:6365-006-0001-MSD File Text:Frontier Analytical Laboratory



File:30SEP10M #1-348 Acq: 1-OCT-2010 05:00:07 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:6365-006-0001-MSD File Text:Frontier Analytical Laboratory





Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	Rec	#Hom
2,3,7,8-TCDD	1.01e+05	0.68 y	27:25	1.11	0.531	J	2.50	-	-	*	
1,2,3,7,8-PeCDD	5.74e+05	1.56 y	33:14	1.10	3.04	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDD	8.62e+05	1.41 y	38:37	1.37	4.42	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDD	1.79e+06	1.37 y	38:46	1.37	11.8		2.50	-	-	*	
1,2,3,7,8,9-HxCDD	1.56e+06	1.41 y	39:13	1.36	9.08		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	3.96e+07	0.97 y	44:13	1.45	245		2.50	-	-	*	
OCDD	1.93e+08	0.97 y	49:47	1.43	1800		2.50	-	-	*	
2,3,7,8-TCDF	3.48e+05	0.70 y	26:39	1.50	0.815	J	2.50	-	-	*	
1,2,3,7,8-PeCDF	1.50e+05	1.61 y	31:31	0.94	0.758	J	2.50	-	-	*	
2,3,4,7,8-PeCDF	2.94e+05	1.36 y	32:50	0.94	1.20	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDF	7.22e+05	1.26 y	37:13	0.93	3.16	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDF	8.03e+05	1.28 y	37:25	0.82	3.35	J	2.50	-	-	*	
2,3,4,6,7,8-HxCDF	8.97e+05	1.23 y	38:22	0.92	4.23	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDF	1.45e+05	1.34 y	39:50	1.00	0.554	J	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDF	1.26e+07	1.08 y	42:18	1.39	69.5		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	5.83e+05	1.06 y	45:07	1.36	3.69	J	2.50	-	-	*	
OCDF	2.19e+07	0.90 y	50:10	0.79	194		2.50	-	-	*	
13C-2,3,7,8-TCDD	6.76e+07	0.79 y	27:24	1.02	346					88.0	
13C-1,2,3,7,8-PeCDD	6.74e+07	1.77 y	33:13	0.84	420					107	
13C-1,2,3,4,7,8-HxCDD	5.58e+07	1.26 y	38:36	1.07	356					90.7	
13C-1,2,3,6,7,8-HxCDD	4.34e+07	1.25 y	38:45	1.01	294					74.7	
13C-1,2,3,4,6,7,8-HpCDD	4.37e+07	0.94 y	44:12	0.86	350					89.0	
13C-OCDD	5.87e+07	0.94 y	49:46	0.55	737					93.7	
13C-2,3,7,8-TCDF	1.12e+08	0.87 y	26:38	0.99	332					84.5	
13C-1,2,3,7,8-PeCDF	8.24e+07	1.73 y	31:29	0.84	291					74.0	
13C-2,3,4,7,8-PeCDF	1.03e+08	1.72 y	32:48	0.81	374					95.2	
13C-1,2,3,4,7,8-HxCDF	9.66e+07	0.52 y	37:12	1.85	357					90.9	
13C-1,2,3,6,7,8-HxCDF	1.15e+08	0.53 y	37:24	2.54	310					78.9	
13C-2,3,4,6,7,8-HxCDF	9.07e+07	0.52 y	38:20	2.01	308					78.5	
13C-1,2,3,7,8,9-HxCDF	1.03e+08	0.53 y	39:46	2.03	348					88.5	
13C-1,2,3,4,6,7,8-HpCDF	5.11e+07	0.45 y	42:18	1.11	315					80.3	
13C-1,2,3,4,7,8,9-HpCDF	4.58e+07	0.45 y	45:06	0.80	390					99.2	
13C-OCDF	1.13e+08	0.98 y	50:09	1.08	713					90.8	
37Cl-2,3,7,8-TCDD	2.00e+07		27:25	0.69	153					97.2	
13C-1,2,3,4-TCDD	7.50e+07	0.78 y	26:50	-	32.8						
13C-1,2,3,4-TCDF	1.33e+08	0.87 y	25:34	-	36.1						
13C-1,2,3,7,8,9-HxCDD	5.74e+07	1.26 y	39:12	-	40.9						
Total Tetra-Dioxins	1.27e+06		24:25	1.11	6.64		2.50	-	-	*	11
Total Penta-Dioxins	3.52e+06		30:16	1.10	18.6		2.50	-	-	*	10
Total Hexa-Dioxins	1.43e+07		36:10	1.37	83.5		2.50	-	-	*	8
Total Hepta-Dioxins	7.24e+07		42:50	1.45	448		2.50	-	-	*	2
Total Tetra-Furans	8.83e+06		23:04	1.50	20.7	D,M	2.50	-	-	*	20
1st Fn. Tot Penta-Furans	4.60e+06		28:28	0.94	20.8	D,M	2.50	-	-	*	PeCDF 1
Total Penta-Furans	6.15e+06		30:06	0.94	27.7	D,M	2.50	-	-	*	48.5 10
Total Hexa-Furans	1.79e+07		35:16	0.91	76.7	D,M	2.50	-	-	*	10
Total Hepta-Furans	3.14e+07		42:18	1.38	181		2.50	-	-	*	4

Analyst: 

Date: 10/1/10

Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 21

File: 30SEP10M

S: 13 I: 1 F: 1

Acquired: 30-SEP-10 20:42:00

Total Concentration: 6.64

Unnamed Concentration: 6.111

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:25	1.53e+05	1.84e+05	0.83 y	3.36e+05	1.76	
24:41	8.08e+04	9.41e+04	0.86 y	1.75e+05	0.915	
25:01	2.81e+04	3.24e+04	0.87 y	6.05e+04	0.317	
25:37	4.79e+04	7.01e+04	0.68 y	1.18e+05	0.618	
25:47	3.81e+04	4.55e+04	0.84 y	8.36e+04	0.437	
25:58	5.27e+04	6.60e+04	0.80 y	1.19e+05	0.621	
26:30	2.25e+04	3.41e+04	0.66 y	5.66e+04	0.296	
26:50	4.24e+04	4.89e+04	0.87 y	9.13e+04	0.478	
27:09	3.17e+04	4.05e+04	0.78 y	7.21e+04	0.378	
27:25	4.10e+04	6.04e+04	0.68 y	1.01e+05	0.531	2,3,7,8-TCDD
27:43	2.44e+04	3.10e+04	0.78 y	5.54e+04	0.290	

Totals class: Total Penta-Dioxins

Entry #: 39

Run: 21 File: 30SEP10M S: 13 I: 1 F: 2  
Acquired: 30-SEP-10 20:42:00

Total Concentration: 18.6

Unnamed Concentration: 15.590

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:16	4.44e+05	2.83e+05	1.57 y	7.27e+05	3.84	
30:53	2.46e+05	1.75e+05	1.41 y	4.21e+05	2.23	
31:30	1.83e+05	1.08e+05	1.69 y	2.91e+05	1.54	
31:44	2.77e+05	1.76e+05	1.57 y	4.53e+05	2.40	
31:52	2.08e+05	1.23e+05	1.69 y	3.31e+05	1.75	
32:09	2.29e+05	1.35e+05	1.70 y	3.64e+05	1.93	
32:37	7.52e+04	4.54e+04	1.66 y	1.21e+05	0.638	
33:14	3.50e+05	2.25e+05	1.56 y	5.74e+05	3.04	1,2,3,7,8-PeCDD
33:21	6.35e+04	4.45e+04	1.42 y	1.08e+05	0.571	
33:50	8.30e+04	4.78e+04	1.74 y	1.31e+05	0.692	

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 21

File: 30SEP10M

S: 13 I: 1 F: 3

Acquired: 30-SEP-10 20:42:00

Total Concentration: 83.5

Unnamed Concentration: 58.205

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:10	1.86e+06	1.36e+06	1.37 y	3.21e+06	18.6	
37:05	4.39e+05	3.09e+05	1.42 y	7.48e+05	4.33	
37:31	3.23e+06	2.33e+06	1.39 y	5.56e+06	32.2	
37:42	1.57e+05	1.12e+05	1.40 y	2.68e+05	1.55	
38:37	5.04e+05	3.58e+05	1.41 y	8.62e+05	4.42	1,2,3,4,7,8-HxCDD
38:46	1.04e+06	7.58e+05	1.37 y	1.79e+06	11.8	1,2,3,6,7,8-HxCDD
39:05	1.58e+05	1.15e+05	1.37 y	2.73e+05	1.58	
39:13	9.13e+05	6.49e+05	1.41 y	1.56e+06	9.08	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 21

File: 30SEP10M

S: 13 I: 1 F: 4

Acquired: 30-SEP-10 20:42:00

Total Concentration: 448

Unnamed Concentration: 202.902

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:50	1.61e+07	1.67e+07	0.96 y	3.28e+07	203	
44:13	1.95e+07	2.02e+07	0.97 y	3.96e+07	245	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 21 File: 30SEP10M S: 13 I: 1 F: 1  
Acquired: 30-SEP-10 20:42:00

Total Concentration: 20.7

Unnamed Concentration: 19.847

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:04	5.59e+04	8.42e+04	0.66 y	1.40e+05	0.328	
23:26	1.93e+05	2.73e+05	0.71 y	4.66e+05	1.09	
23:49	7.19e+05	1.04e+06	0.69 y	1.75e+06	4.10	
24:12	2.55e+05	3.86e+05	0.66 y	6.41e+05	1.50	
24:26	2.18e+05	3.16e+05	0.69 y	5.34e+05	1.25	
24:44	3.39e+05	4.84e+05	0.70 y	8.23e+05	1.93	
24:59	7.31e+04	1.00e+05	0.73 y	1.73e+05	0.405	
25:20	1.34e+05	1.72e+05	0.78 y	3.05e+05	0.714	
25:26	4.00e+05	6.03e+05	0.66 y	1.00e+06	2.34	
25:35	1.38e+05	2.02e+05	0.68 y	3.40e+05	0.794	
25:49	7.33e+04	9.19e+04	0.80 y	1.65e+05	0.386	
25:56	9.42e+04	1.32e+05	0.71 y	2.26e+05	0.529	
26:10	5.80e+04	8.67e+04	0.67 y	1.45e+05	0.338	
26:18	5.41e+04	7.64e+04	0.71 y	1.31e+05	0.305	
26:29	9.87e+04	1.36e+05	0.72 y	2.35e+05	0.550	
26:39	1.43e+05	2.06e+05	0.70 y	3.48e+05	0.815	2,3,7,8-TCDF
26:58	1.89e+05	2.70e+05	0.70 y	4.58e+05	1.07	
27:53	9.52e+04	1.19e+05	0.80 y	2.14e+05	0.500	
28:06	1.28e+05	1.67e+05	0.77 y	2.95e+05	0.690	
28:29	1.72e+05	2.63e+05	0.66 y	4.35e+05	1.02	

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

Run: 21      File: 30SEP10M      S: 13 I: 1 F: 1  
Acquired: 30-SEP-10 20:42:00

Total Concentration: 20.8      Unnamed Concentration: 20.770

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:28	2.76e+06	1.83e+06	1.51 y	4.60e+06	20.8	

Totals class: Total Penta-Furans

Entry #: 44

Run: 21

File: 30SEP10M

S: 13 I: 1 F: 2

Acquired: 30-SEP-10 20:42:00

Total Concentration: 27.7

Unnamed Concentration: 25.772

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:06	1.85e+05	1.30e+05	1.43 y	3.14e+05	1.42	
30:15	1.67e+06	1.11e+06	1.50 y	2.78e+06	12.5	
30:57	6.26e+05	4.28e+05	1.46 y	1.05e+06	4.76	
31:16	4.72e+04	3.10e+04	1.52 y	7.82e+04	0.354	
31:31	9.24e+04	5.73e+04	1.61 y	1.50e+05	0.758	1,2,3,7,8-PeCDF
31:51	4.04e+05	2.79e+05	1.45 y	6.83e+05	3.09	
32:05	6.14e+04	4.50e+04	1.36 y	1.06e+05	0.481	
32:41	1.02e+05	6.71e+04	1.52 y	1.69e+05	0.763	
32:50	1.69e+05	1.24e+05	1.36 y	2.94e+05	1.20	2,3,4,7,8-PeCDF
32:53	3.10e+05	2.12e+05	1.47 y	5.22e+05	2.36	



Totals class: Total Hexa-Furans

Entry #: 45

Run: 21 File: 30SEP10M  
Acquired: 30-SEP-10 20:42:00

S: 13 I: 1 F: 3

Total Concentration: 76.7

Unnamed Concentration: 65.444

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:16	1.13e+06	9.46e+05	1.20 y	2.08e+06	8.85	
35:32	4.23e+06	3.47e+06	1.22 y	7.70e+06	32.8	
36:09	8.90e+04	7.05e+04	1.26 y	1.60e+05	0.680	
36:27	2.70e+06	2.18e+06	1.24 y	4.88e+06	20.8	
37:04	1.11e+05	9.10e+04	1.22 y	2.02e+05	0.861	
37:13	4.03e+05	3.19e+05	1.26 y	7.22e+05	3.16	1,2,3,4,7,8-HxCDF
37:25	4.51e+05	3.52e+05	1.28 y	8.03e+05	3.35	1,2,3,6,7,8-HxCDF
38:08	1.92e+05	1.49e+05	1.29 y	3.41e+05	1.45	
38:22	4.95e+05	4.02e+05	1.23 y	8.97e+05	4.23	2,3,4,6,7,8-HxCDF
39:50	8.29e+04	6.20e+04	1.34 y	1.45e+05	0.554	1,2,3,7,8,9-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 21

File: 30SEP10M

S: 13 I: 1 F: 4

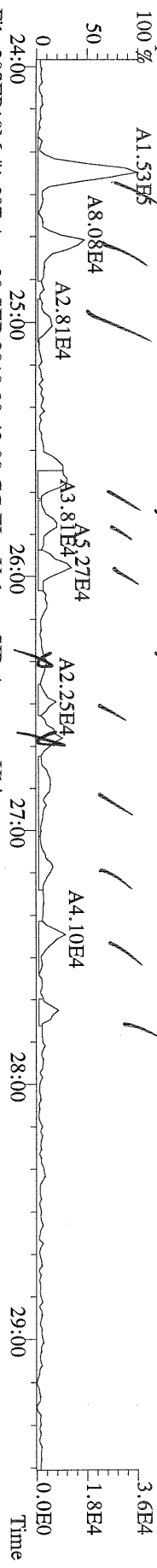
Acquired: 30-SEP-10 20:42:00

Total Concentration: 181

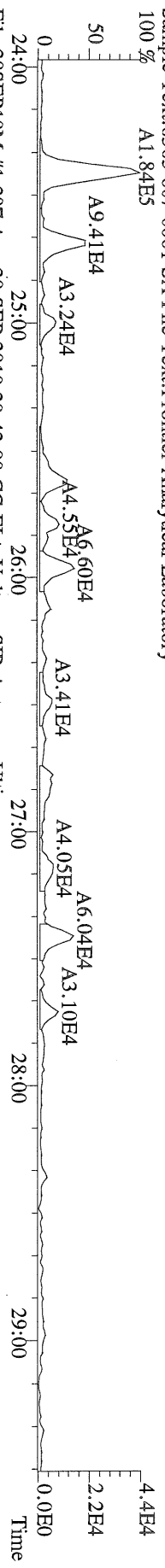
Unnamed Concentration: 107.482

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:18	6.54e+06	6.04e+06	1.08 y	1.26e+07	69.5	1,2,3,4,6,7,8-HpCDF
42:51	1.23e+05	1.04e+05	1.18 y	2.27e+05	1.34	
43:07	9.29e+06	8.71e+06	1.07 y	1.80e+07	106	
45:07	3.00e+05	2.83e+05	1.06 y	5.83e+05	3.69	1,2,3,4,7,8,9-HpCDF

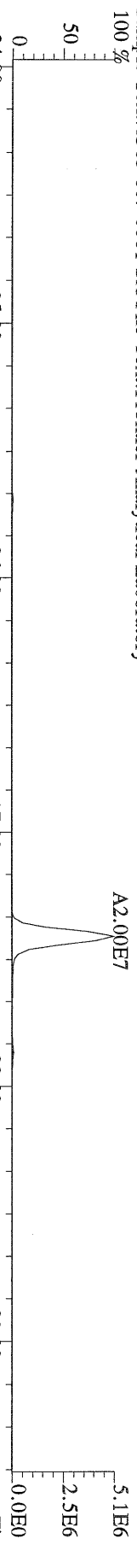
File:30SEP10M #1-397 Acq:30-SEP-2010 20:42:00 GC EI+ Voltage SIR Autospec-Ultima  
319.8965 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



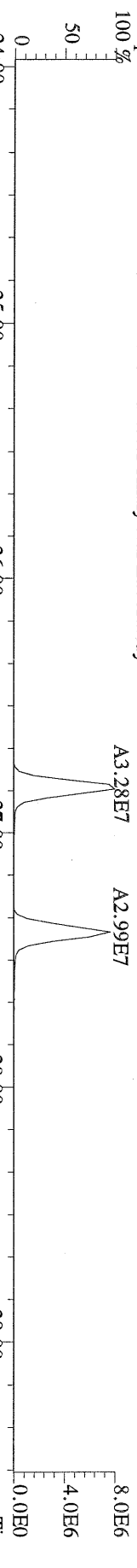
File:30SEP10M #1-397 Acq:30-SEP-2010 20:42:00 GC EI+ Voltage SIR Autospec-Ultima  
321.8936 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



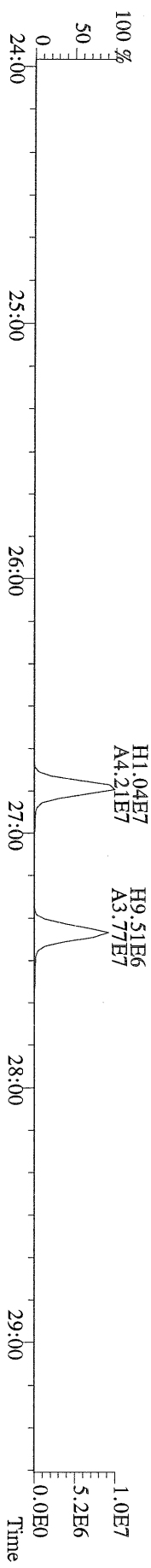
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327.8847 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



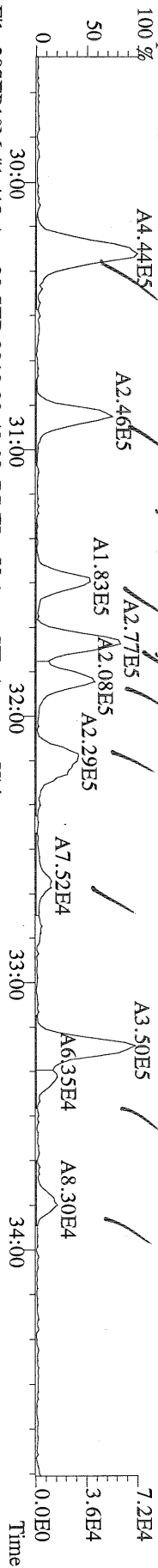
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331.9368 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



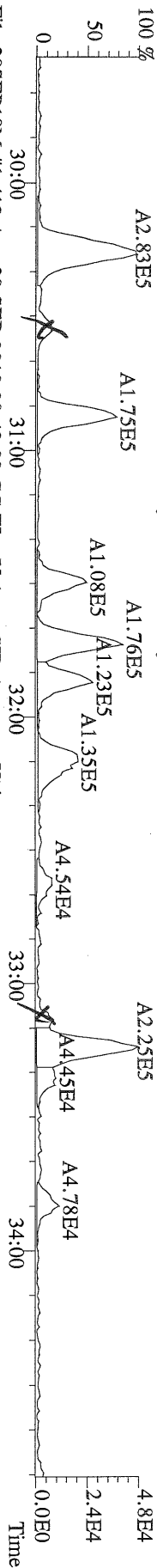
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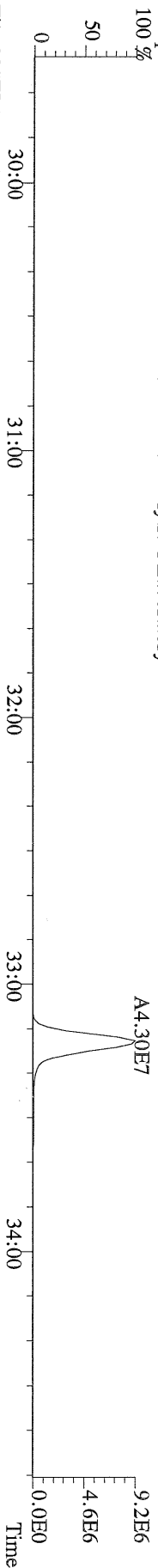
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355.8546 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00% F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



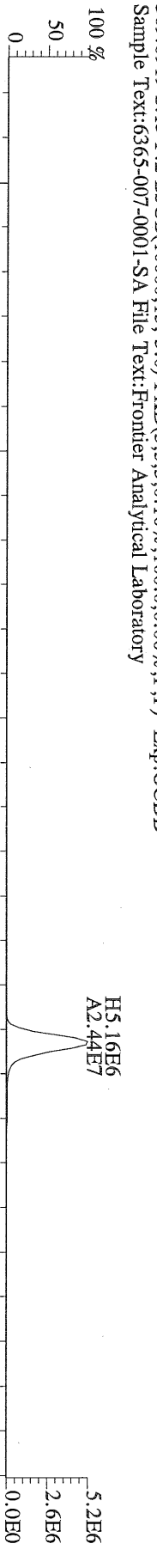
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357.8517 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00% F,F) Exp:OCDD  
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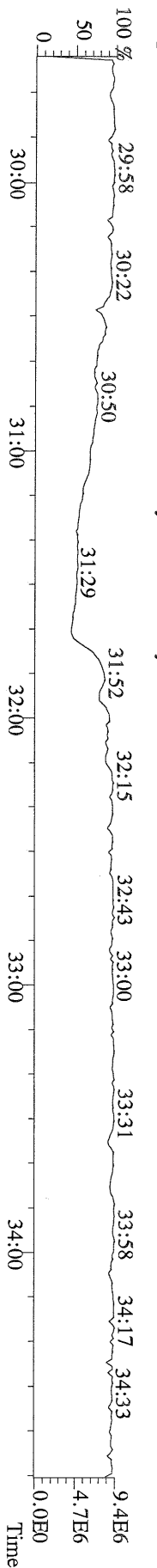
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367.8949 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00% F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



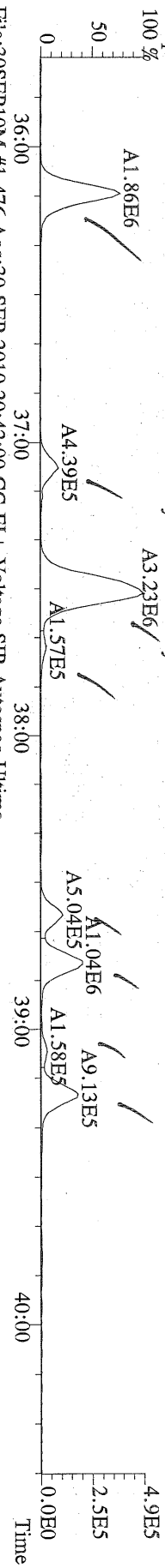
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369.8919 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00% F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



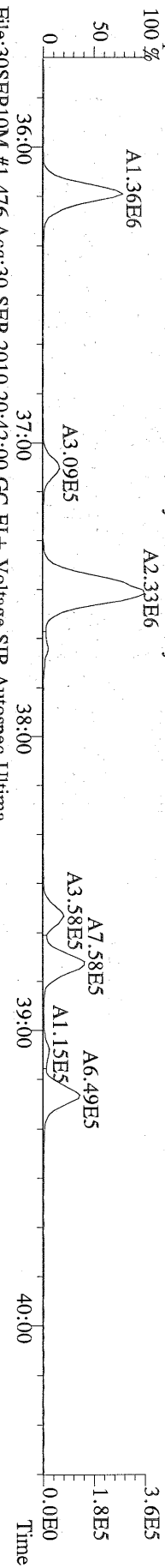
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366.9792 S:13 F:2 Exp:OCDD  
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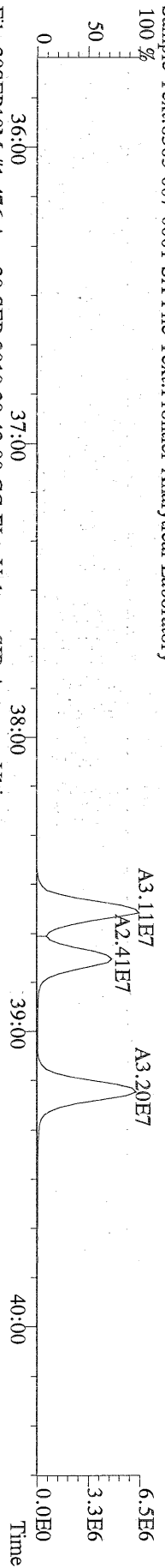
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 389.8156 S:13 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00% F,F) Exp:OCDD  
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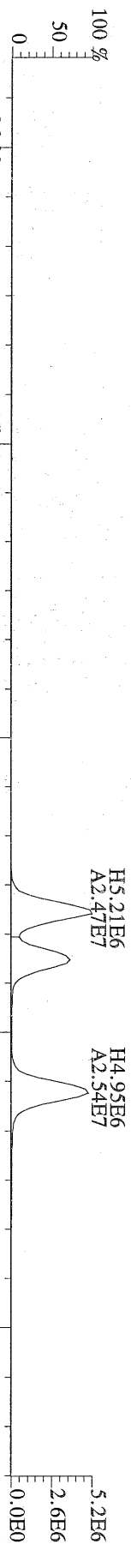
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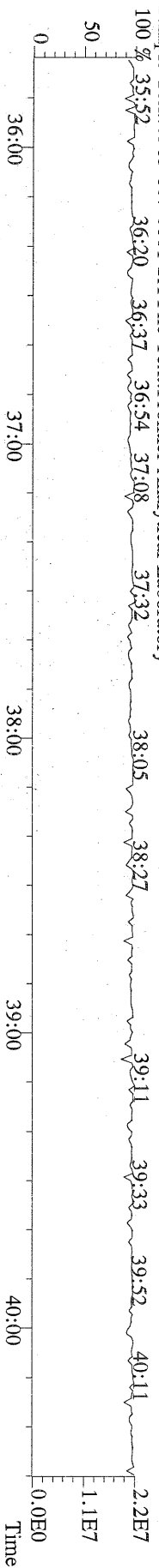
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 Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



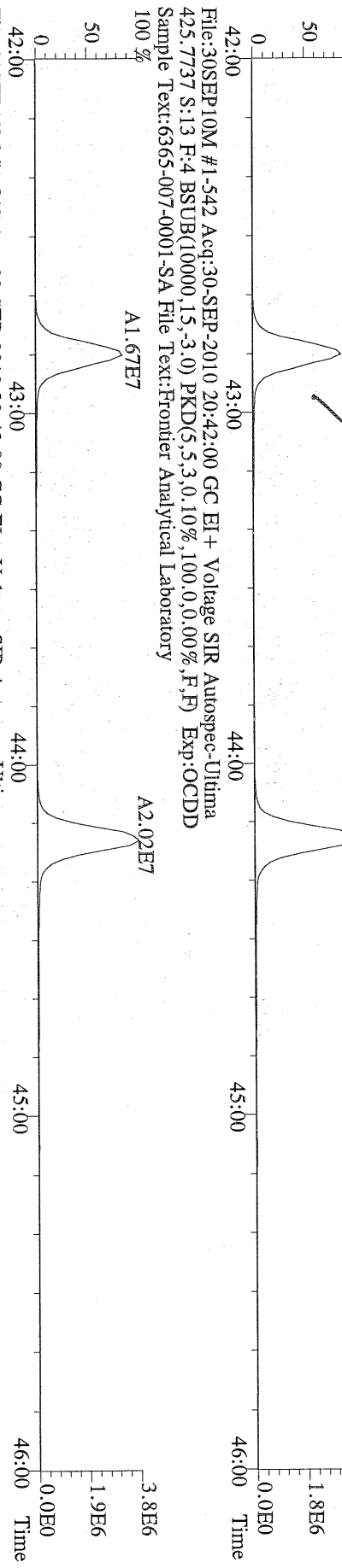
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 Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



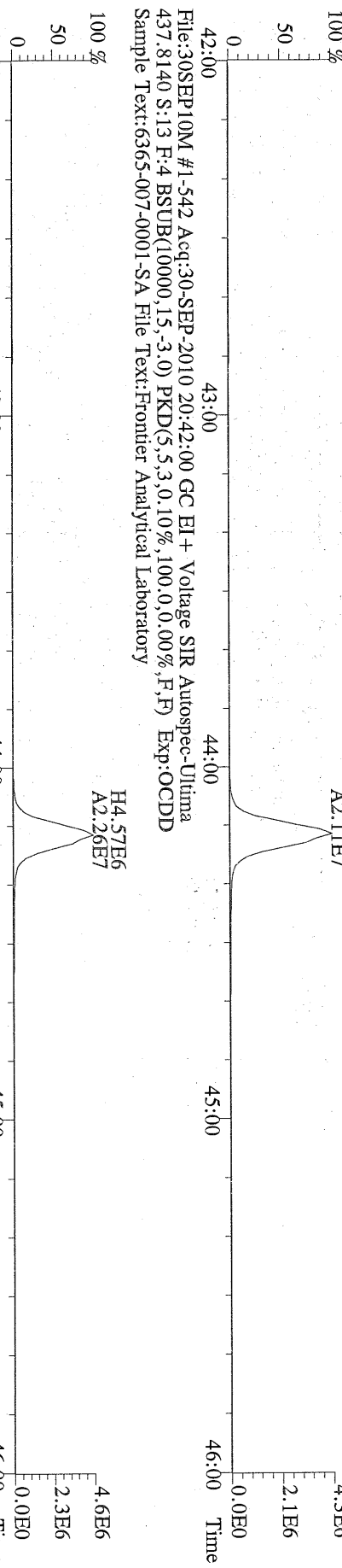
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 380.9760 S:13 F:3 Exp:OCDD  
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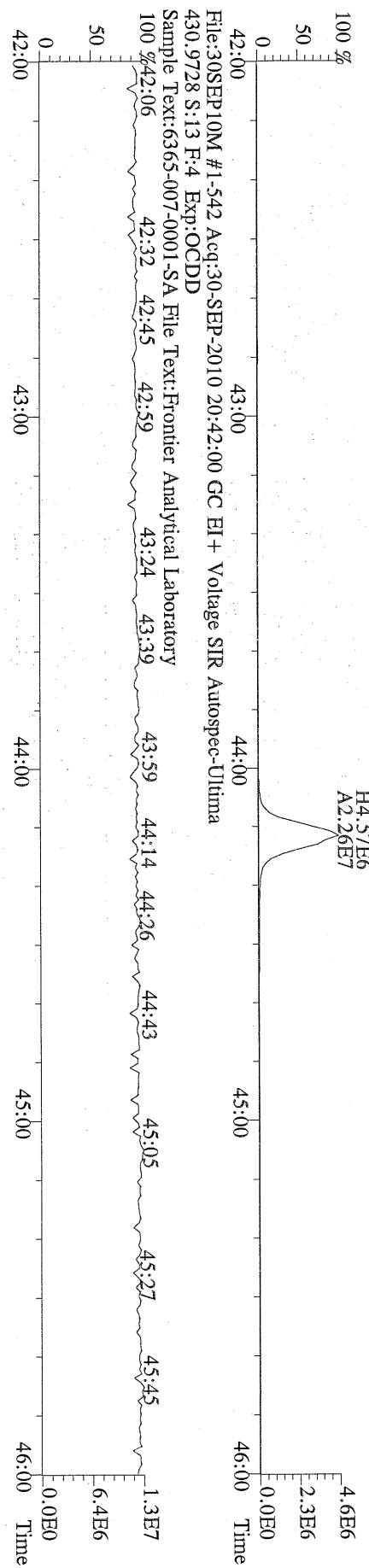
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423.7767 S:13 F:4 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory  
100 %



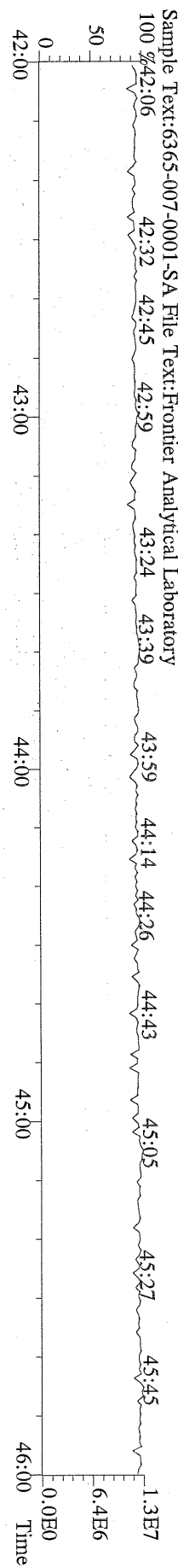
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435.8169 S:13 F:4 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory  
100 %



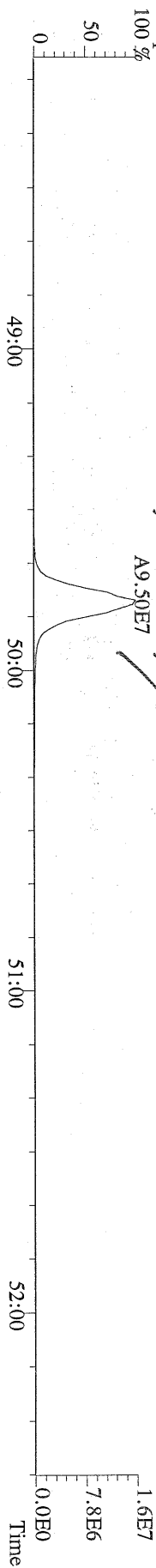
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437.8140 S:13 F:4 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory  
100 %



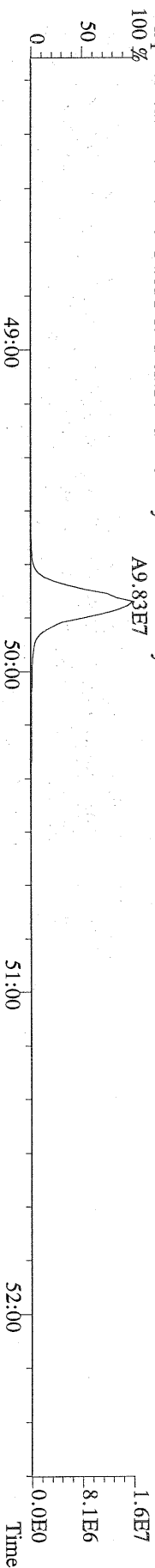
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430.9728 S:13 F:4 Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory  
100 %



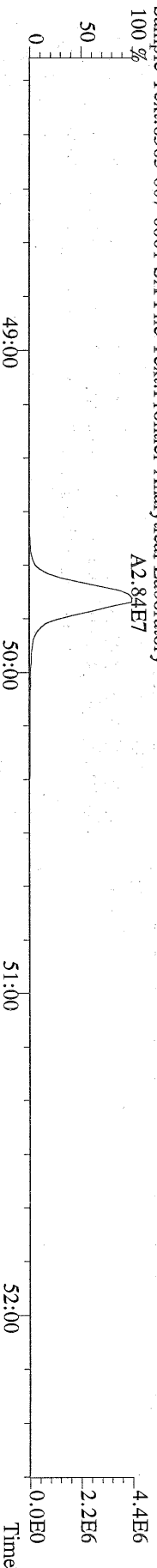
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457.7377 S:13 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory  
100 %



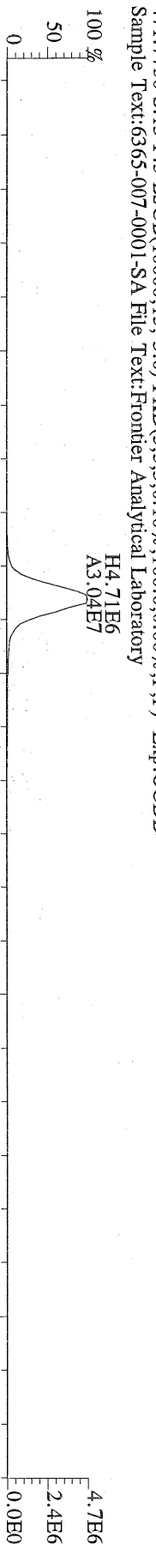
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459.7348 S:13 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory  
100 %



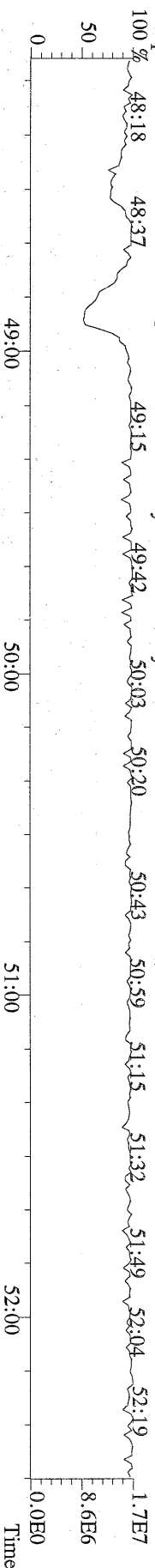
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469.7780 S:13 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory  
100 %



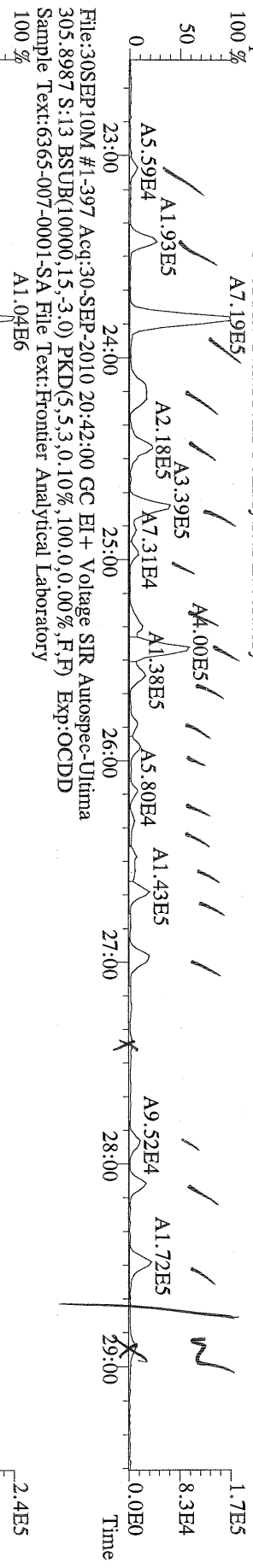
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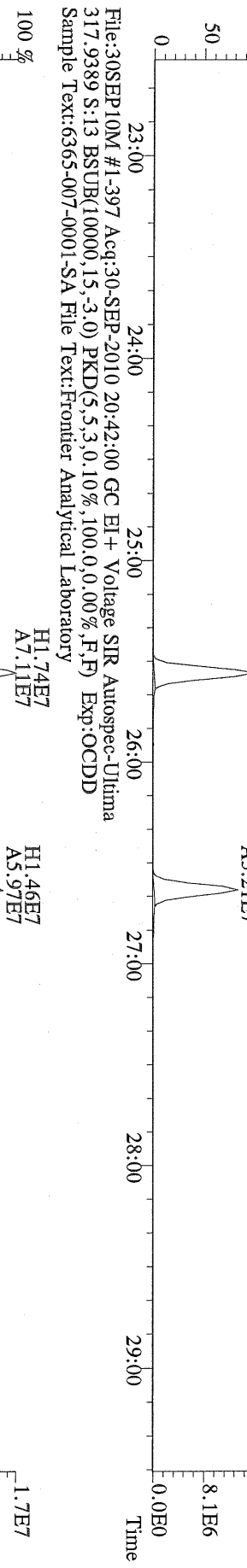
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454.9728 S:13 F:5 Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



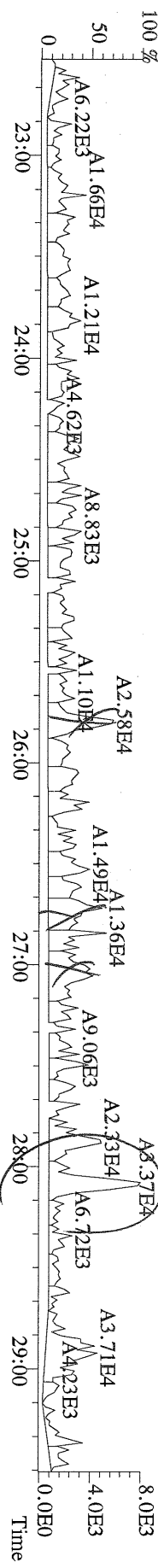
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303.9016 S:13 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-397 Acq:30-SEP-2010 20:42:00 GC EI+ Voltage SIR Autospec-Ultima  
315.9419 S:13 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory

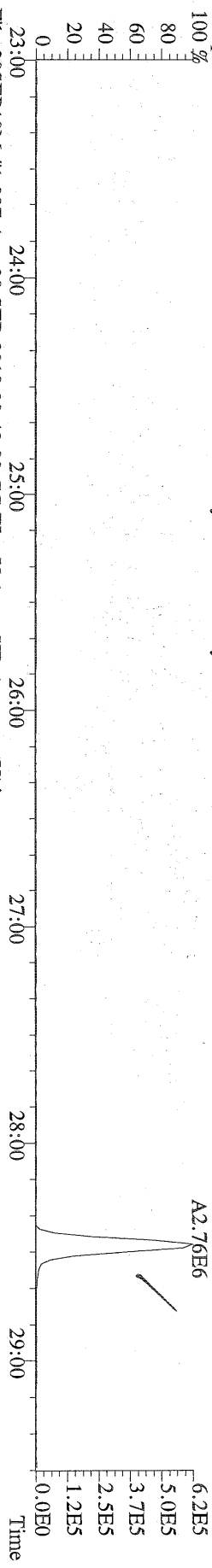


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375.8364 S:13 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
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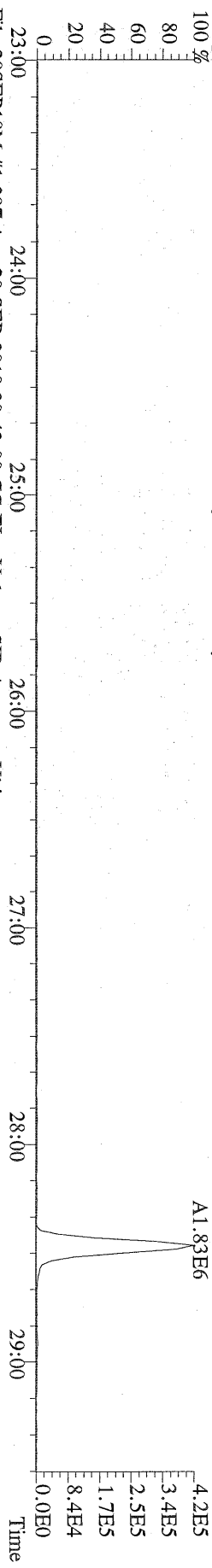




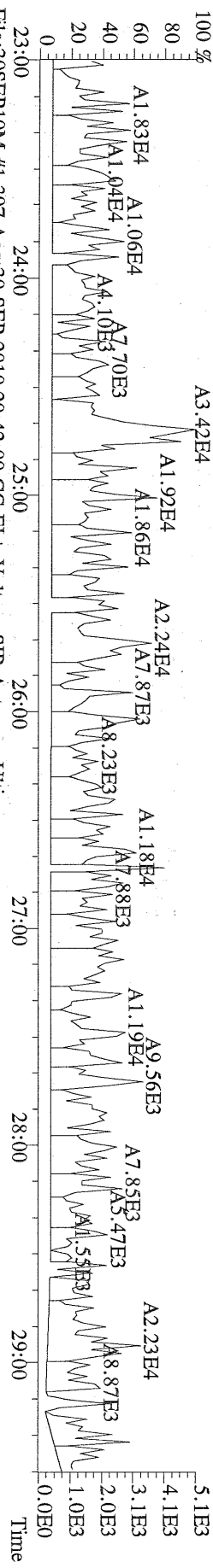
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 339.8597 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



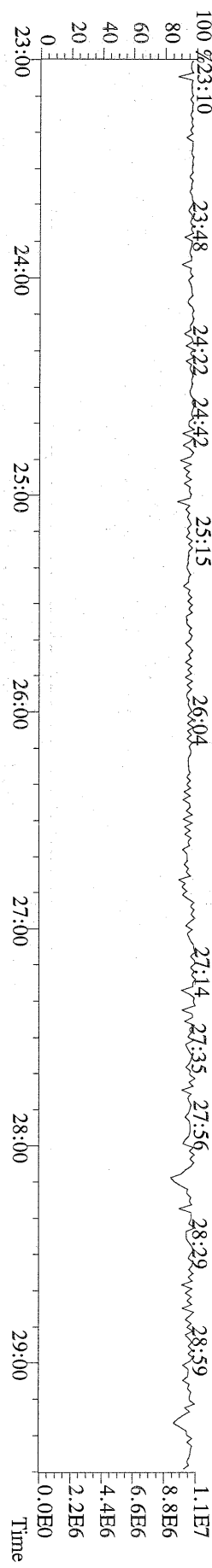
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 341.8568 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
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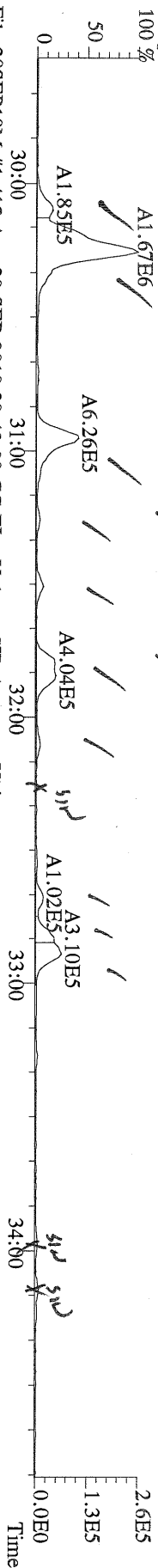
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 409.7974 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
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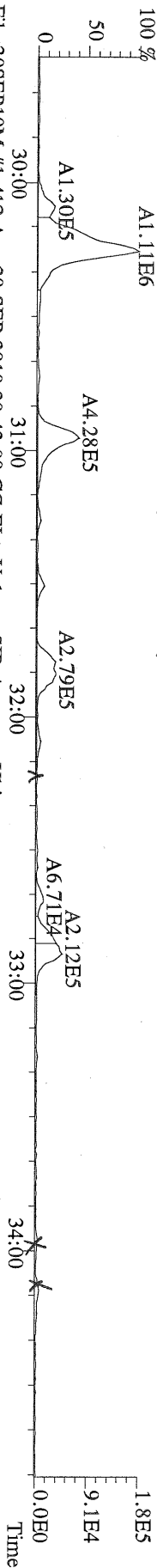
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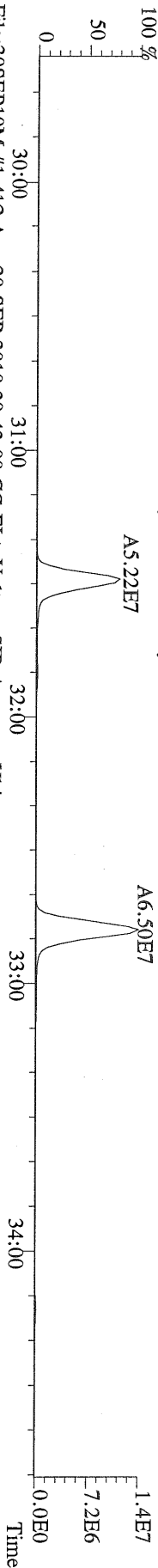
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339.8597 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



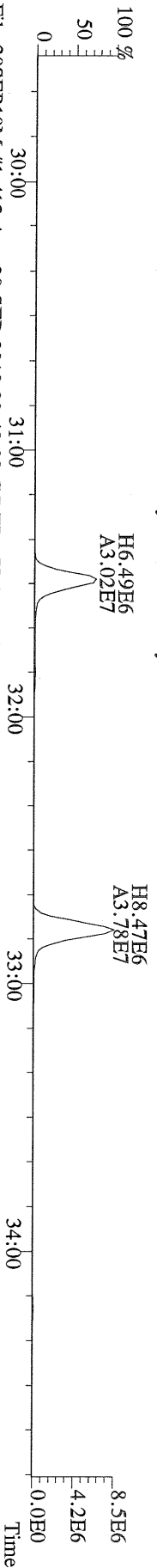
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341.8568 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
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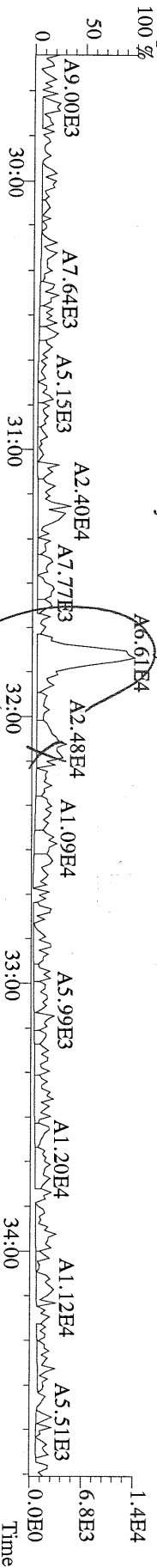
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351.9000 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



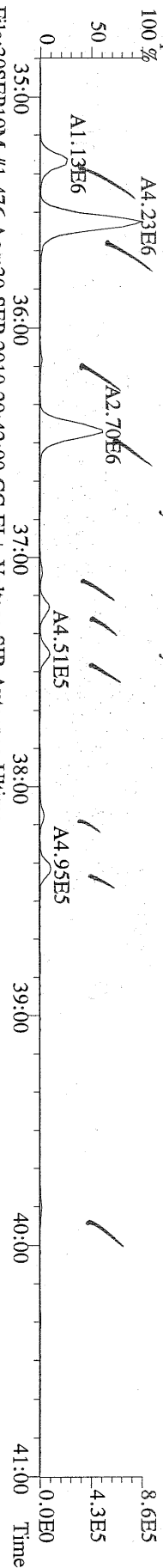
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353.8970 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



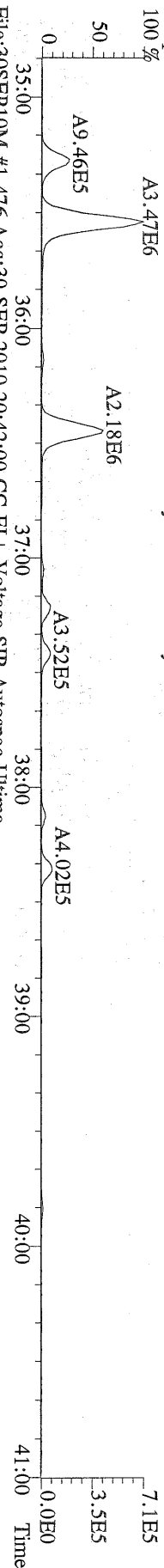
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409.7974 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
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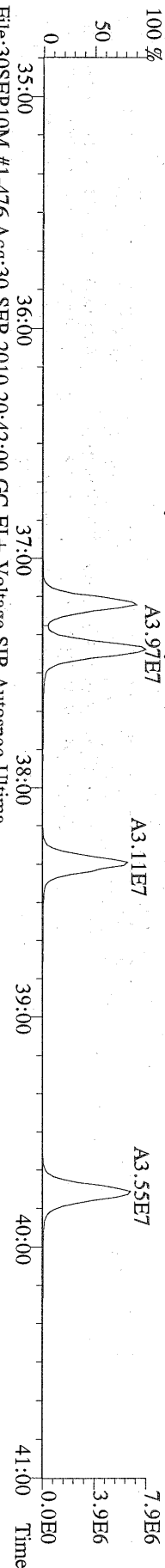
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373.8207 S:13 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



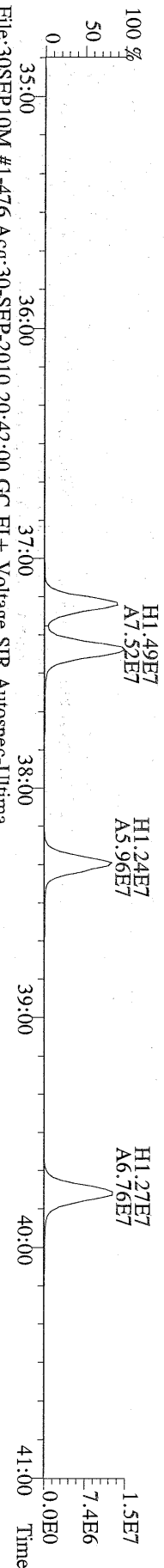
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375.8178 S:13 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



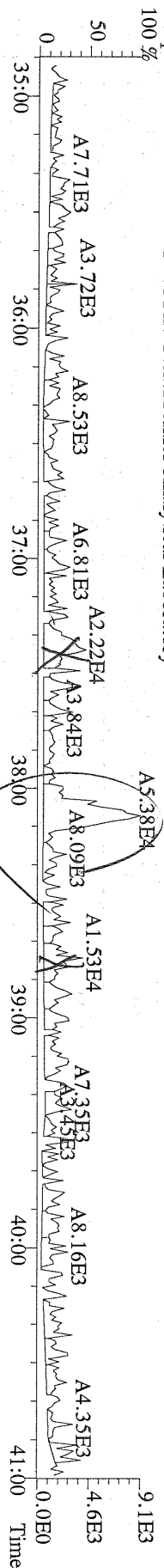
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383.8639 S:13 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
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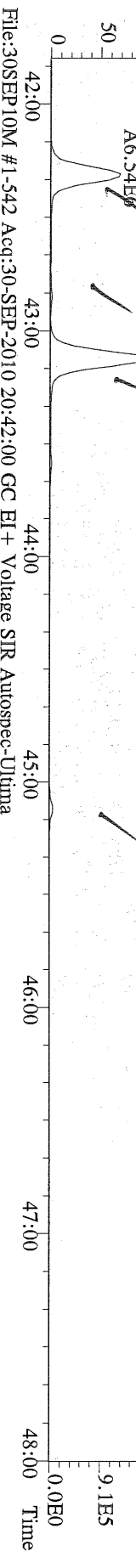
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385.8610 S:13 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



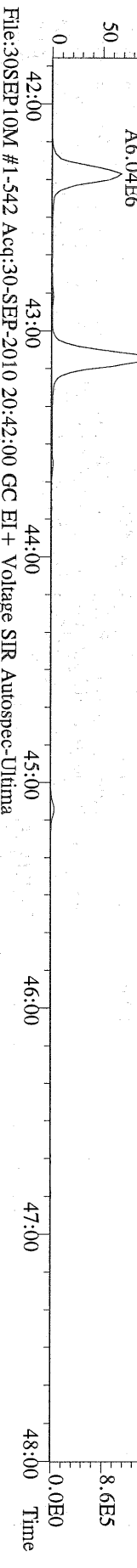
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445.7555 S:13 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



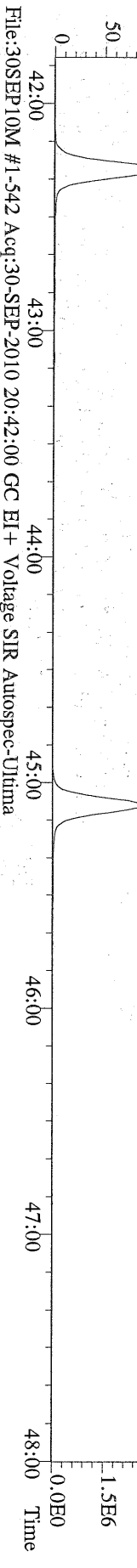
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407.7818 S:13 F:4 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Fronter Analytical Laboratory



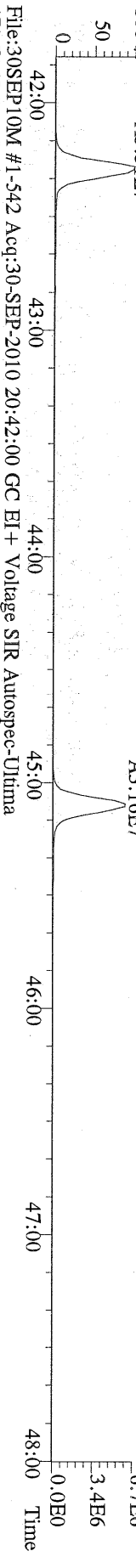
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409.7788 S:13 F:4 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0.0,0.00%,F,F) Exp:OCDD  
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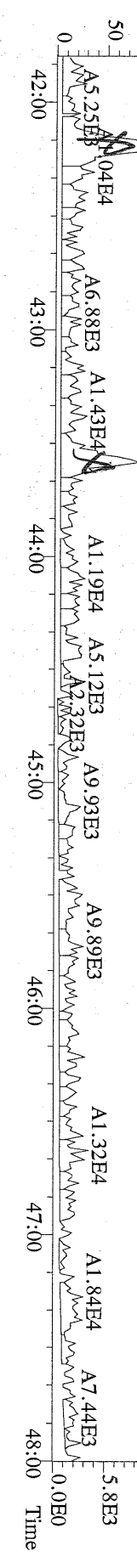
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417.8253 S:13 F:4 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Fronter Analytical Laboratory



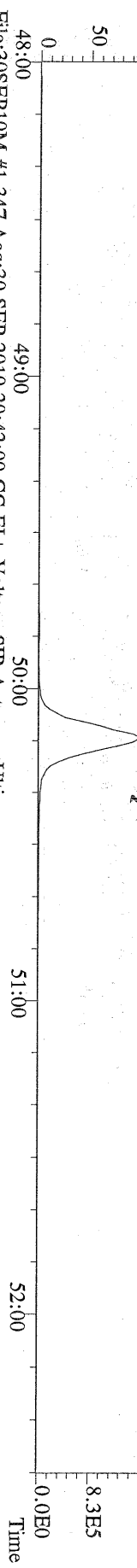
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419.8220 S:13 F:4 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Fronter Analytical Laboratory



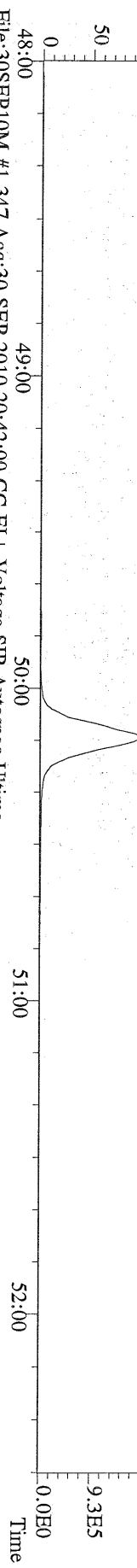
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479.7165 S:13 F:4 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-007-0001-SA File Text:Fronter Analytical Laboratory



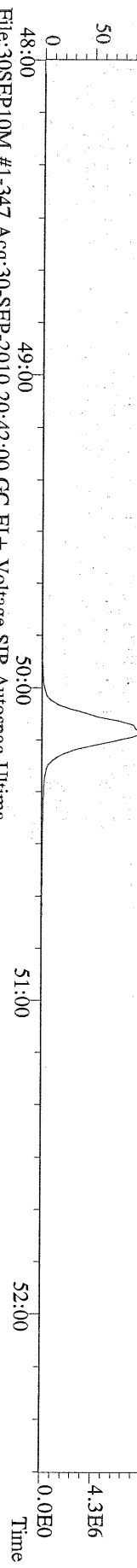
File:30SEP10M #1-347 Acq:30-SEP-2010 20:42:00 GC EI+ Voltage SIR Autospec-Ultima  
 441.7428 S:13 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



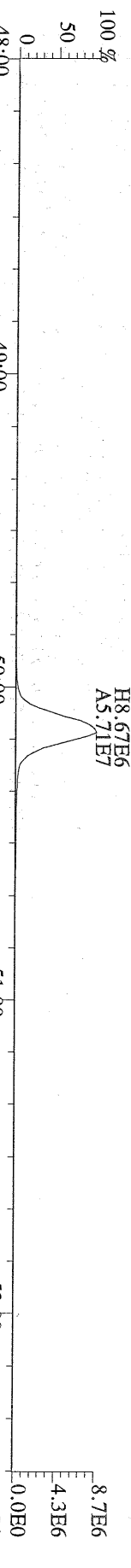
File:30SEP10M #1-347 Acq:30-SEP-2010 20:42:00 GC EI+ Voltage SIR Autospec-Ultima  
 443.7398 S:13 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



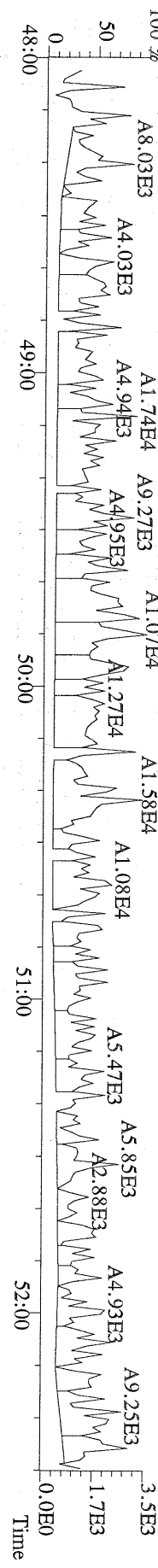
File:30SEP10M #1-347 Acq:30-SEP-2010 20:42:00 GC EI+ Voltage SIR Autospec-Ultima  
 453.7831 S:13 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



File:30SEP10M #1-347 Acq:30-SEP-2010 20:42:00 GC EI+ Voltage SIR Autospec-Ultima  
 455.7801 S:13 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-347 Acq:30-SEP-2010 20:42:00 GC EI+ Voltage SIR Autospec-Ultima  
 513.6775 S:13 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-007-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	#Hom	
2,3,7,8-TCDD	*	* n	NotFnd	1.11	*		2.50	843	1020	0.530	
1,2,3,7,8-PeCDD	5.30e+04	1.46 y	33:16	1.10	1.94	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDD	6.41e+04	1.42 y	38:39	1.37	2.60	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDD	1.30e+05	1.36 y	38:48	1.37	6.61		2.50	-	-	*	
1,2,3,7,8,9-HxCDD	1.17e+05	1.34 y	39:16	1.36	5.32		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	2.31e+06	0.94 y	44:15	1.45	139		2.50	-	-	*	
OCDD	8.50e+06	0.98 y	49:49	1.43	1050		2.50	-	-	*	
2,3,7,8-TCDF	*	* n	NotFnd	1.50	*		2.50	1200	1570	0.334	
1,2,3,7,8-PeCDF	*	* n	NotFnd	0.94	*		2.50	1010	885	0.614	
2,3,4,7,8-PeCDF	3.05e+04	1.50 y	32:52	0.94	0.832	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDF	7.26e+04	1.21 y	37:16	0.93	2.30	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDF	8.76e+04	1.29 y	37:26	0.82	2.51	J	2.50	-	-	*	
2,3,4,6,7,8-HxCDF	7.28e+04	1.13 y	38:23	0.92	2.45	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDF	*	* n	NotFnd	1.00	*		2.50	997	738	0.766	
1,2,3,4,6,7,8-HpCDF	7.29e+05	1.08 y	42:21	1.39	37.0		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	7.20e+04	1.14 y	45:10	1.36	4.61	J	2.50	-	-	*	
OCDF	6.41e+05	0.89 y	50:11	0.79	70.9		2.50	-	-	*	
										Rec	
13C-2,3,7,8-TCDD	1.33e+07	0.78 y	27:25	1.02	315					80.7	
13C-1,2,3,7,8-PeCDD	9.69e+06	1.75 y	33:15	0.84	280					71.7	
13C-1,2,3,4,7,8-HxCDD	7.01e+06	1.26 y	38:37	1.07	363					93.0	
13C-1,2,3,6,7,8-HxCDD	5.58e+06	1.23 y	38:47	1.01	307					78.5	
13C-1,2,3,4,6,7,8-HpCDD	4.48e+06	0.95 y	44:14	0.86	291					74.4	
13C-OCDD	4.42e+06	0.94 y	49:48	0.55	450					57.6	
13C-2,3,7,8-TCDF	2.28e+07	0.84 y	26:40	0.99	324					82.9	
13C-1,2,3,7,8-PeCDF	1.65e+07	1.73 y	31:31	0.84	278					71.1	
13C-2,3,4,7,8-PeCDF	1.53e+07	1.74 y	32:49	0.81	266					68.1	
13C-1,2,3,4,7,8-HxCDF	1.33e+07	0.52 y	37:14	1.85	400					102	
13C-1,2,3,6,7,8-HxCDF	1.66e+07	0.52 y	37:26	2.54	364					93.1	
13C-2,3,4,6,7,8-HxCDF	1.26e+07	0.51 y	38:22	2.01	349					89.4	
13C-1,2,3,7,8,9-HxCDF	1.29e+07	0.51 y	39:49	2.03	353					90.4	
13C-1,2,3,4,6,7,8-HpCDF	5.53e+06	0.44 y	42:19	1.11	277					70.9	
13C-1,2,3,4,7,8,9-HpCDF	4.50e+06	0.44 y	45:09	0.80	311					79.7	
13C-OCDF	8.99e+06	0.98 y	50:10	1.08	462					59.1	
37Cl-2,3,7,8-TCDD	3.66e+06		27:26	0.69	130					83.2	
13C-1,2,3,4-TCDD	1.61e+07	0.79 y	26:50	-	6.98						
13C-1,2,3,4-TCDF	2.76e+07	0.86 y	25:35	-	7.46						
13C-1,2,3,7,8,9-HxCDD	7.02e+06	1.23 y	39:14	-	4.98						
Total Tetra-Dioxins	5.79e+04		24:27	1.11	1.53		2.50	-	-	*	1
Total Penta-Dioxins	1.95e+05		30:18	1.10	7.14		2.50	-	-	*	3
Total Hexa-Dioxins	1.28e+06		36:11	1.37	58.4		2.50	-	-	*	6
Total Hepta-Dioxins	4.63e+06		42:52	1.45	278		2.50	-	-	*	2
Total Tetra-Furans	1.23e+06		23:27	1.50	14.1		2.50	-	-	*	11
1st Fn. Tot Penta-Furans	6.57e+05		28:30	0.94	17.2		2.50	-	-	*	PeCDF 1
Total Penta-Furans	7.20e+05		30:08	0.94	18.9		2.50	-	-	*	36.1 7
Total Hexa-Furans	1.62e+06		35:18	0.91	50.3		2.50	-	-	*	7
Total Hepta-Furans	1.60e+06		42:21	1.38	86.7		2.50	-	-	*	3

Analyst: 

Date: 10/5/10

Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 9

File: 04OCT10M

S: 3 I: 1 F: 1

Acquired: 4-OCT-10 13:29:24

Total Concentration: 1.53

Unnamed Concentration: 1.533

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:27	2.68e+04	3.11e+04	0.86 y	5.79e+04	1.53	

Totals class: Total Penta-Dioxins

Entry #: 39

Run: 9

File: 04OCT10M

S: 3 I: 1 F: 2

Acquired: 4-OCT-10 13:29:24

Total Concentration: 7.14

Unnamed Concentration: 5.201

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:18	5.27e+04	3.20e+04	1.65 y	8.47e+04	3.10	
31:44	3.38e+04	2.37e+04	1.43 y	5.75e+04	2.10	
33:16	3.14e+04	2.16e+04	1.46 y	5.30e+04	1.94	1,2,3,7,8-PeCDD



Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 9

File: 04OCT10M

S: 3 I: 1 F: 3

Acquired: 4-OCT-10 13:29:24

Total Concentration: 58.4

Unnamed Concentration: 43.905

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:11	2.06e+05	1.53e+05	1.34 y	3.60e+05	16.3	
37:07	4.60e+04	3.88e+04	1.18 y	8.48e+04	3.84	
37:32	3.00e+05	2.24e+05	1.34 y	5.24e+05	23.8	
38:39	3.76e+04	2.65e+04	1.42 y	6.41e+04	2.60	1,2,3,4,7,8-HxCDD
38:48	7.49e+04	5.49e+04	1.36 y	1.30e+05	6.61	1,2,3,6,7,8-HxCDD
39:16	6.67e+04	5.00e+04	1.34 y	1.17e+05	5.32	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 9

File: 04OCT10M

S: 3 I: 1 F: 4

Acquired: 4-OCT-10 13:29:24

Total Concentration: 278

Unnamed Concentration: 139.476

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:52	1.13e+06	1.19e+06	0.95 y	2.32e+06	139	
44:15	1.12e+06	1.19e+06	0.94 y	2.31e+06	139	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 9

File: 04OCT10M

S: 3 I: 1 F: 1

Acquired: 4-OCT-10 13:29:24

Total Concentration: 14.1

Unnamed Concentration: 14.100

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:27	1.94e+04	2.76e+04	0.70 y	4.69e+04	0.536	
23:50	1.04e+05	1.47e+05	0.71 y	2.52e+05	2.88	
24:14	4.22e+04	6.07e+04	0.69 y	1.03e+05	1.18	
24:29	3.50e+04	4.53e+04	0.77 y	8.03e+04	0.917	
24:46	4.59e+04	5.97e+04	0.77 y	1.06e+05	1.21	
25:29	6.58e+04	8.62e+04	0.76 y	1.52e+05	1.74	
25:50	3.33e+04	4.67e+04	0.71 y	8.00e+04	0.913	
27:01	2.51e+04	3.51e+04	0.72 y	6.01e+04	0.687	
27:54	6.62e+04	8.37e+04	0.79 y	1.50e+05	1.71	
28:07	5.13e+04	7.31e+04	0.70 y	1.24e+05	1.42	
28:31	3.67e+04	4.40e+04	0.83 y	8.07e+04	0.921	

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

Run: 9      File: 04OCT10M      S: 3 I: 1 F: 1  
Acquired: 4-OCT-10 13:29:24

Total Concentration: 17.2      Unnamed Concentration: 17.218

RT	ml Resp	m2 Resp RA	Resp	Concentration	Name
28:30	3.90e+05	2.67e+05 1.46 y	6.57e+05	17.2	

Totals class: Total Penta-Furans

Entry #: 44

Run: 9

File: 04OCT10M

S: 3 I: 1 F: 2

Acquired: 4-OCT-10 13:29:24

Total Concentration: 18.9

Unnamed Concentration: 18.082

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:08	2.62e+04	1.98e+04	1.32 y	4.60e+04	1.21	
30:17	1.69e+05	1.17e+05	1.45 y	2.86e+05	7.49	
30:59	7.04e+04	4.93e+04	1.43 y	1.20e+05	3.14	
31:48	8.13e+04	5.66e+04	1.44 y	1.38e+05	3.61	
32:08	2.68e+04	1.83e+04	1.47 y	4.50e+04	1.18	
32:52	1.83e+04	1.22e+04	1.50 y	3.05e+04	0.832	2,3,4,7,8-PeCDF
32:55	3.21e+04	2.32e+04	1.38 y	5.53e+04	1.45	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 9

File: 04OCT10M

S: 3 I: 1 F: 3

Acquired: 4-OCT-10 13:29:24

Total Concentration: 50.3

Unnamed Concentration: 43.034

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:18	9.87e+04	8.41e+04	1.17 y	1.83e+05	5.66	
35:34	4.01e+05	3.22e+05	1.25 y	7.23e+05	22.4	
36:29	2.07e+05	1.67e+05	1.24 y	3.74e+05	11.6	
37:16	3.97e+04	3.29e+04	1.21 y	7.26e+04	2.30	1,2,3,4,7,8-HxCDF
37:26	4.93e+04	3.83e+04	1.29 y	8.76e+04	2.51	1,2,3,6,7,8-HxCDF
38:09	6.04e+04	4.97e+04	1.21 y	1.10e+05	3.41	
38:23	3.86e+04	3.42e+04	1.13 y	7.28e+04	2.45	2,3,4,6,7,8-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 9

File: 04OCT10M

S: 3 I: 1 F: 4

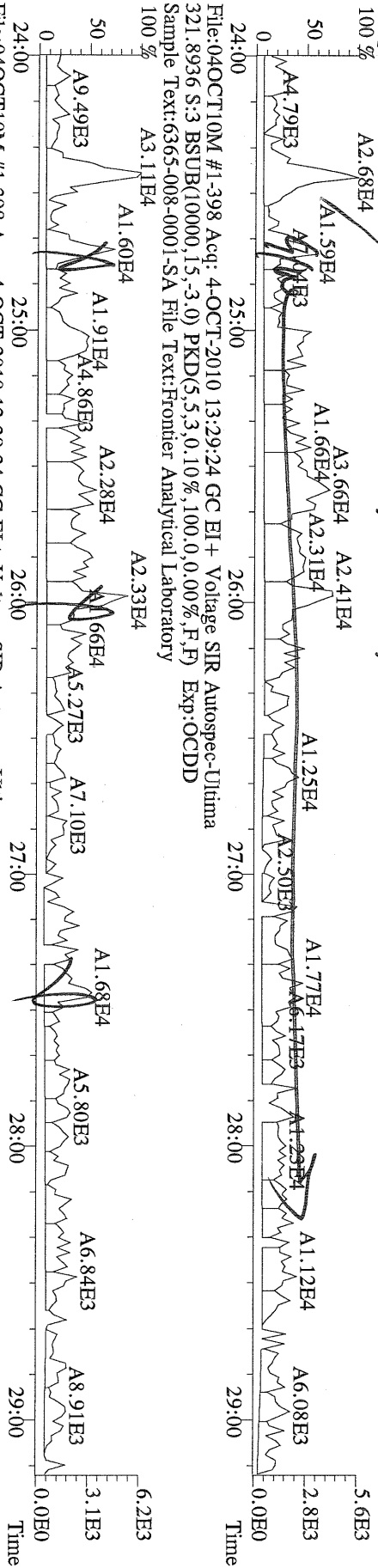
Acquired: 4-OCT-10 13:29:24

Total Concentration: 86.7

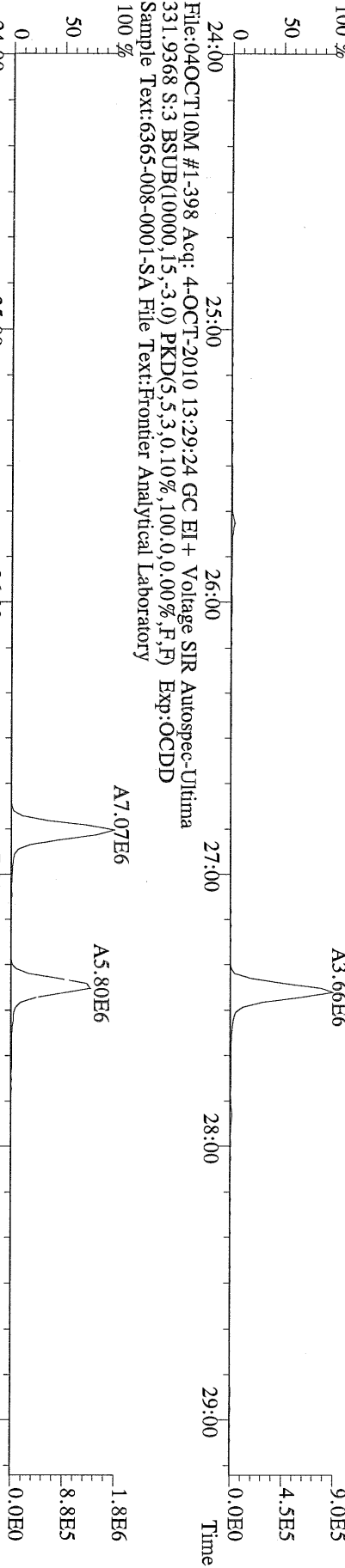
Unnamed Concentration: 45.010

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:21	3.78e+05	3.50e+05	1.08 y	7.29e+05	37.0	1,2,3,4,6,7,8-HpCDF
43:09	4.13e+05	3.81e+05	1.08 y	7.95e+05	45.0	
45:10	3.83e+04	3.37e+04	1.14 y	7.20e+04	4.61	1,2,3,4,7,8,9-HpCDF

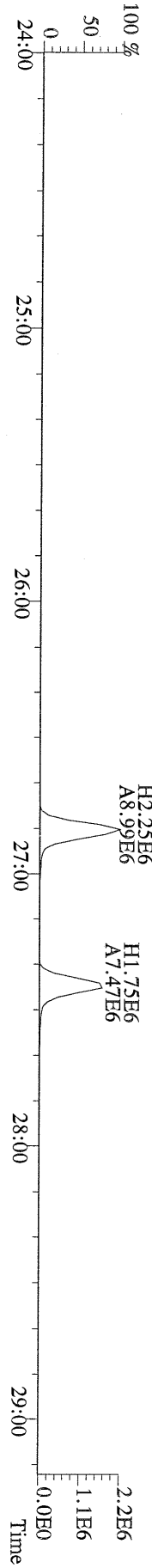
File:04OCT10M #1-398 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
319.8965 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



File:04OCT10M #1-398 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
327.8847 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory

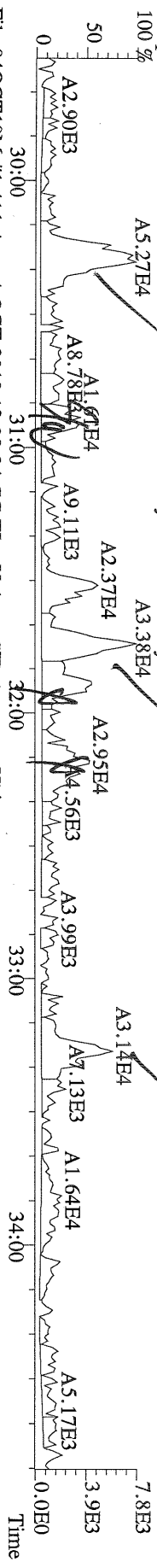


File:04OCT10M #1-398 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
333.9339 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory

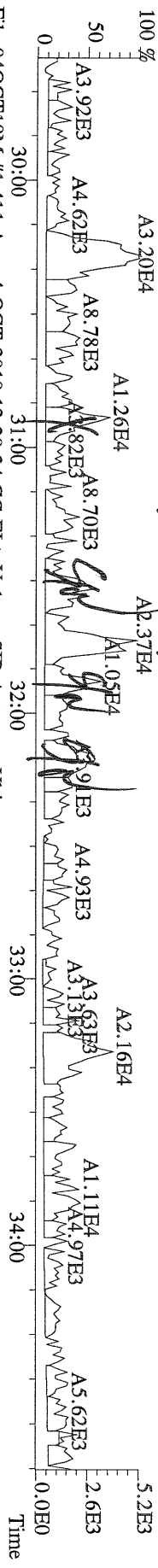




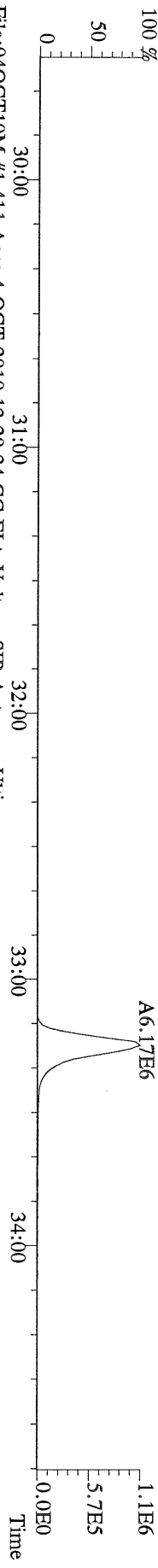
File:04OCT10M #1-411 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
357.8517 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



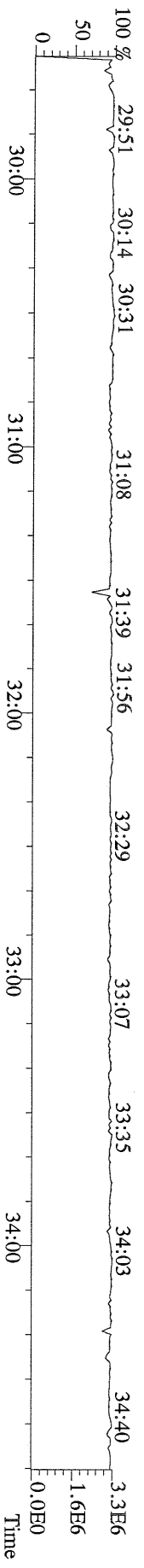
File:04OCT10M #1-411 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
367.8949 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



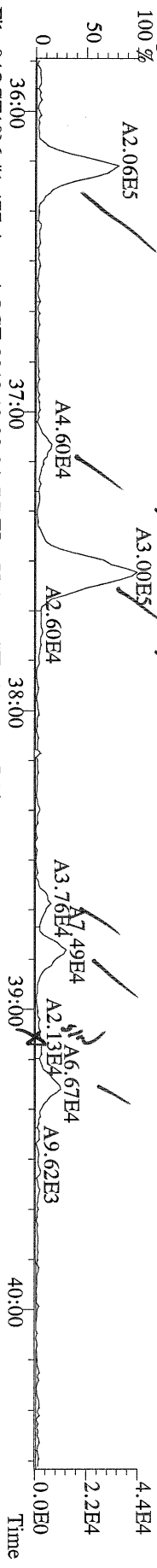
File:04OCT10M #1-411 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
369.8919 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



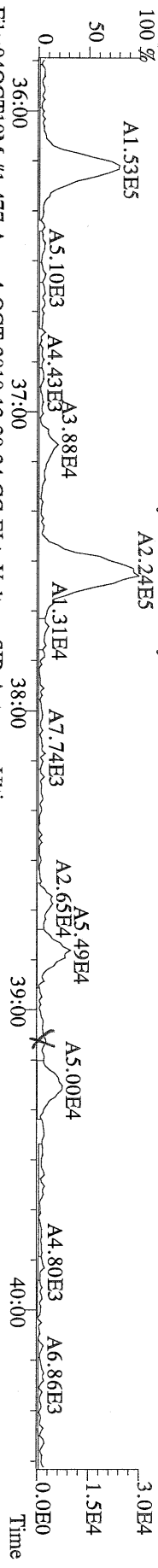
File:04OCT10M #1-411 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
366.9792 S:3 F:2 Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



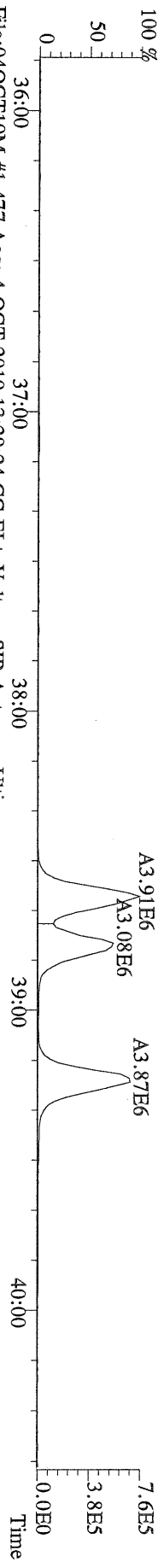
File:04OCT10M #1-477 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
 389.8156 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



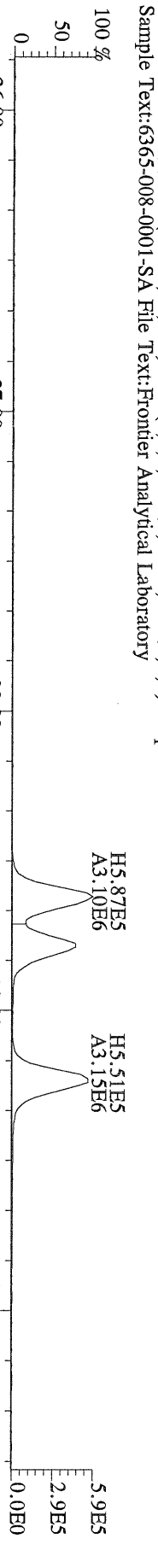
File:04OCT10M #1-477 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
 391.8127 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



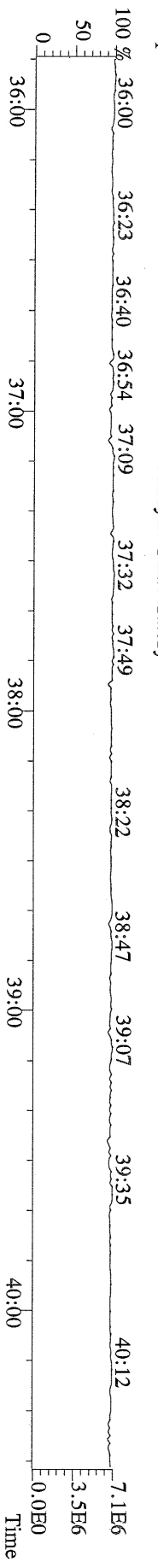
File:04OCT10M #1-477 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
 401.8559 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



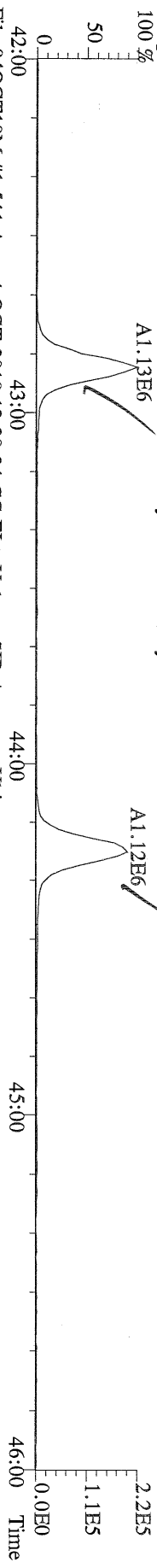
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 403.8530 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



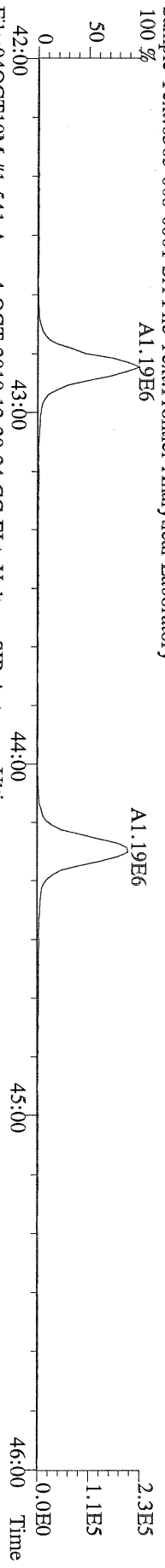
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 380.9760 S:3 F:3 Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



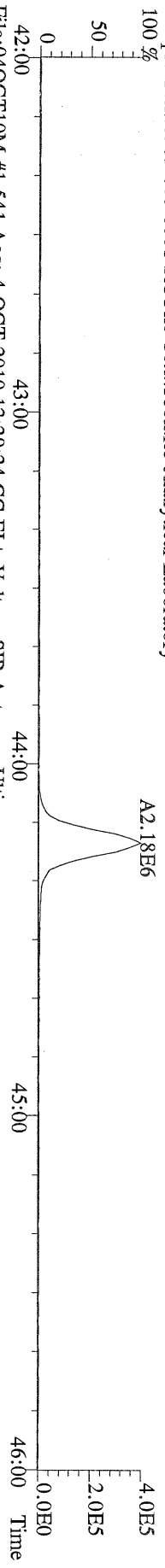
File:04OCT10M #1-541 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultime  
423.7767 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



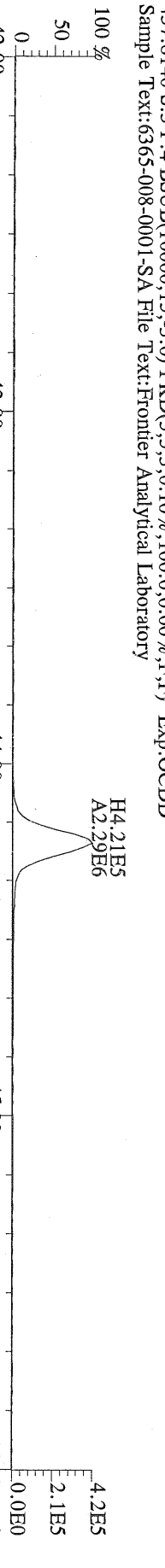
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425.7737 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



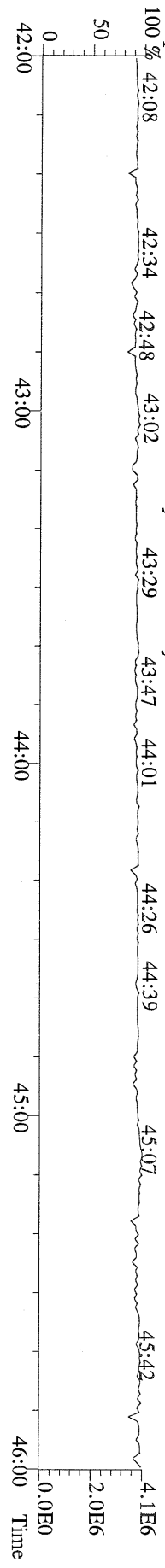
File:04OCT10M #1-541 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultime  
435.8169 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



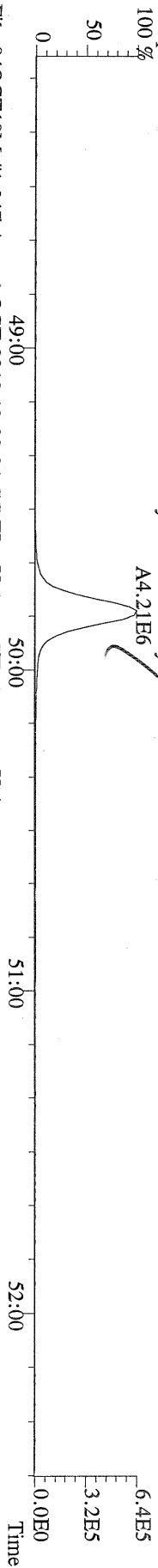
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437.8140 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



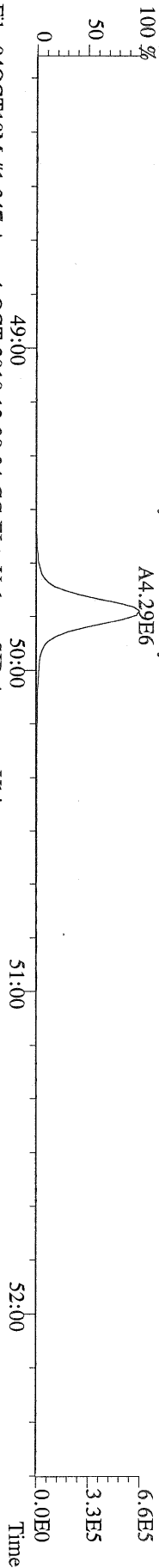
File:04OCT10M #1-541 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultime  
430.9728 S:3 F:4 Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



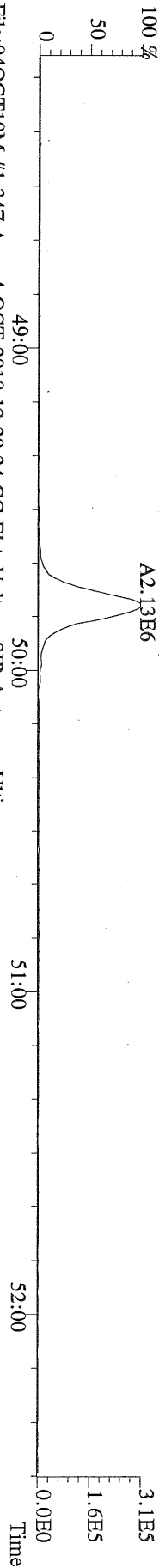
File:04OCT10M #1-347 Acq: 4-OCT-2010 13:29:24 GC EI + Voltage SIR Autospec-Ultima  
 457.7377 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



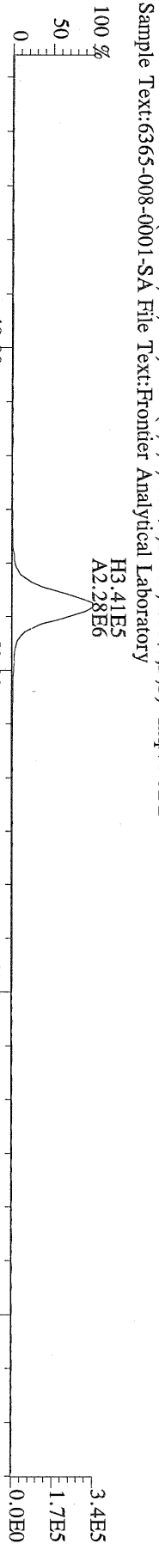
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 459.7348 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



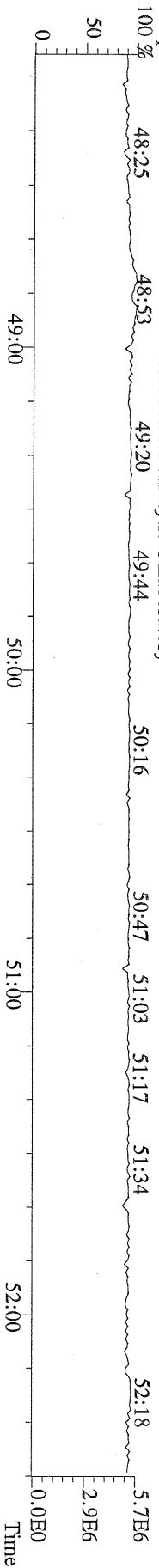
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 469.7780 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



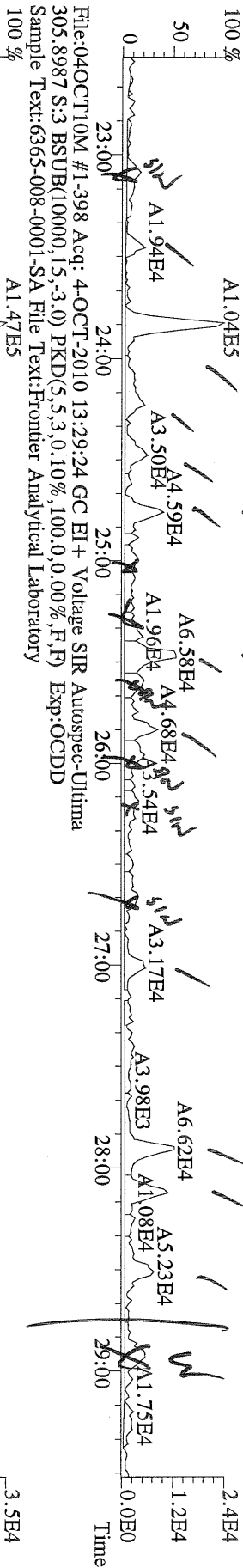
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 471.7750 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



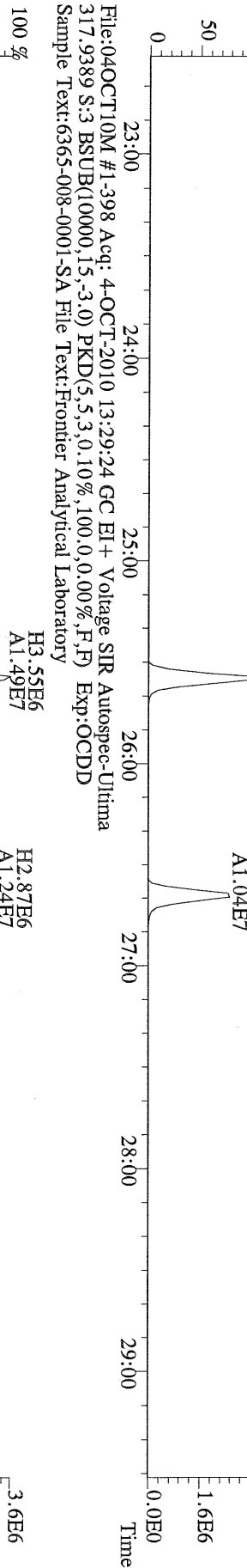
File:04OCT10M #1-347 Acq: 4-OCT-2010 13:29:24 GC EI + Voltage SIR Autospec-Ultima  
 454.9728 S:3 F:5 Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



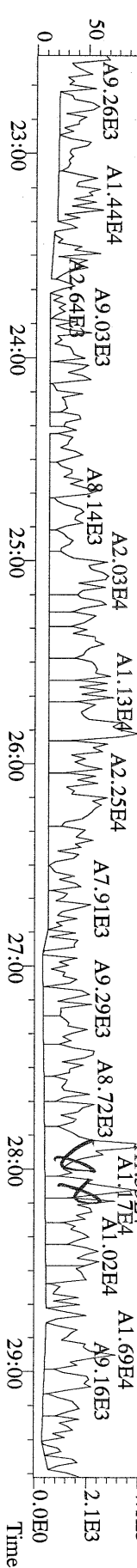
File:04OCT10M #1-398 Acq: 4-OCT-2010 13:29:24 GC EI + Voltage SIR Autospec-Ultima  
303.9016 S:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



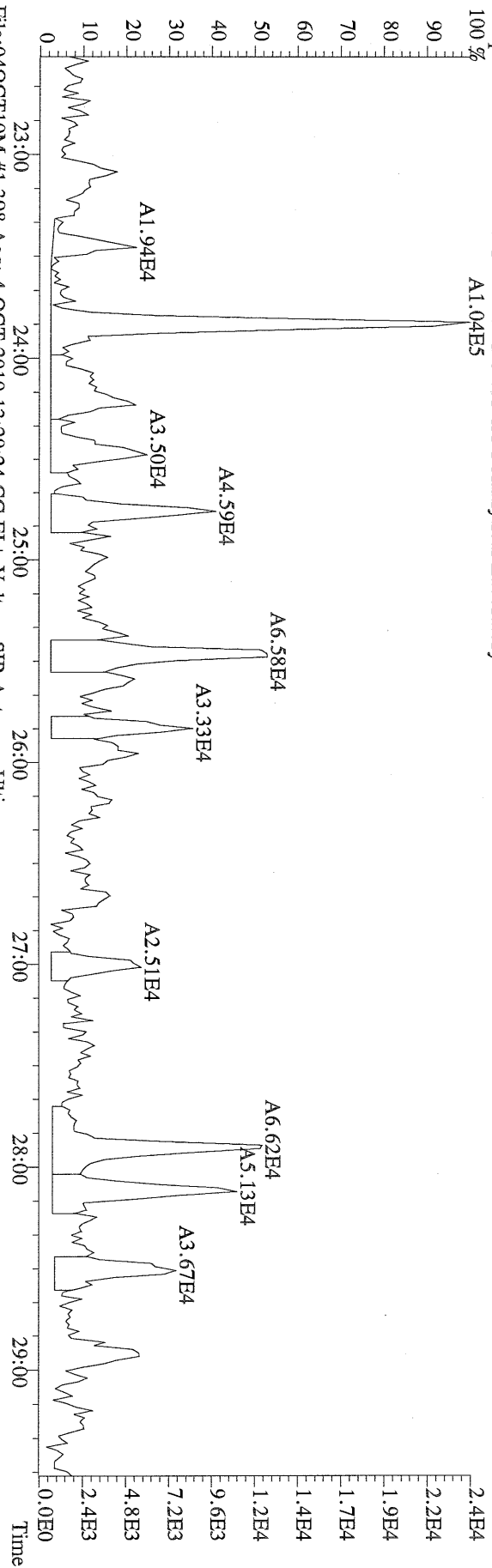
File:04OCT10M #1-398 Acq: 4-OCT-2010 13:29:24 GC EI + Voltage SIR Autospec-Ultima  
315.9419 S:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



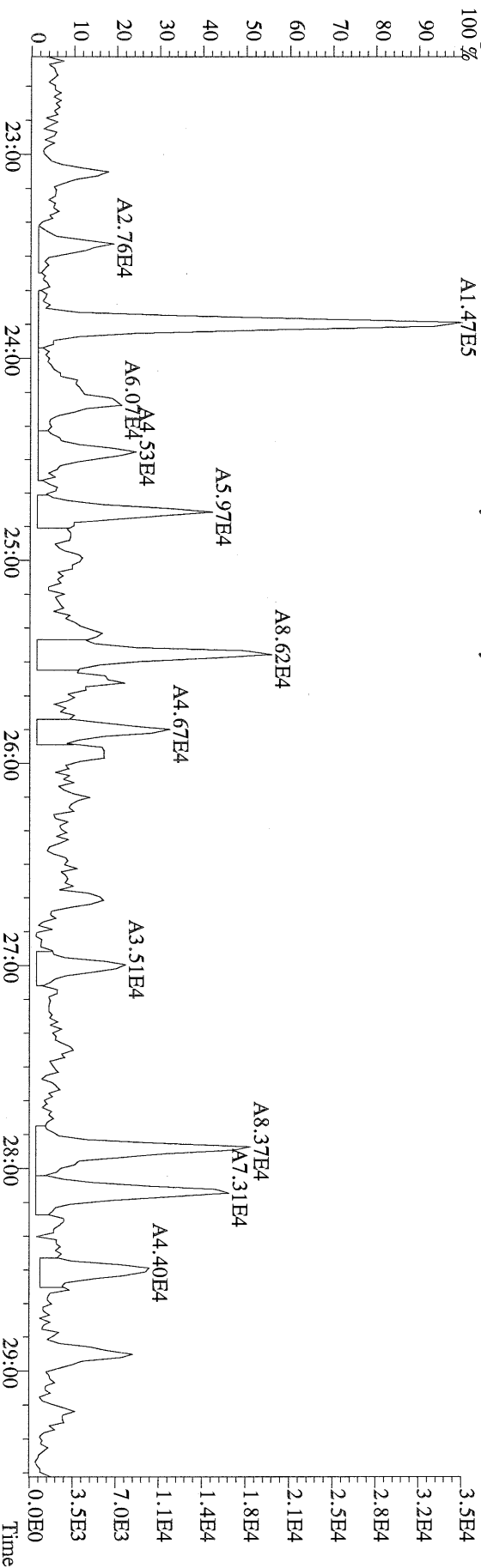
File:04OCT10M #1-398 Acq: 4-OCT-2010 13:29:24 GC EI + Voltage SIR Autospec-Ultima  
375.8364 S:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



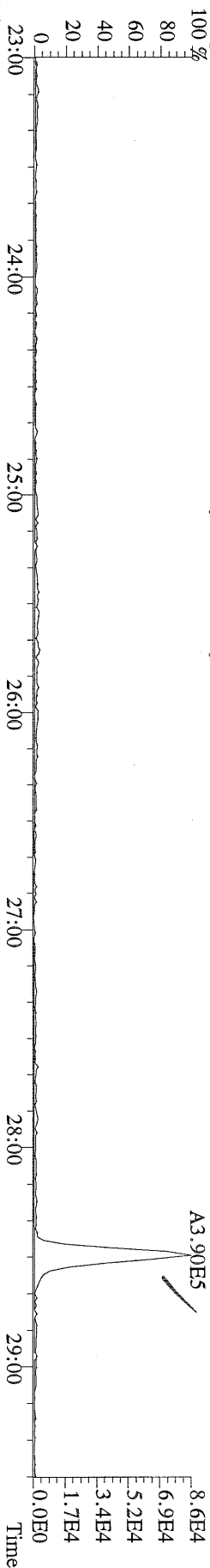
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 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory  
 100%



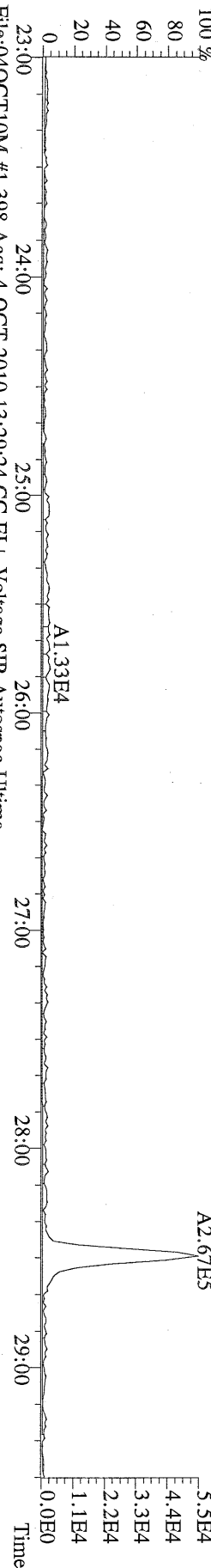
File:04OCT10M #1-398 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
 305.8987 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory  
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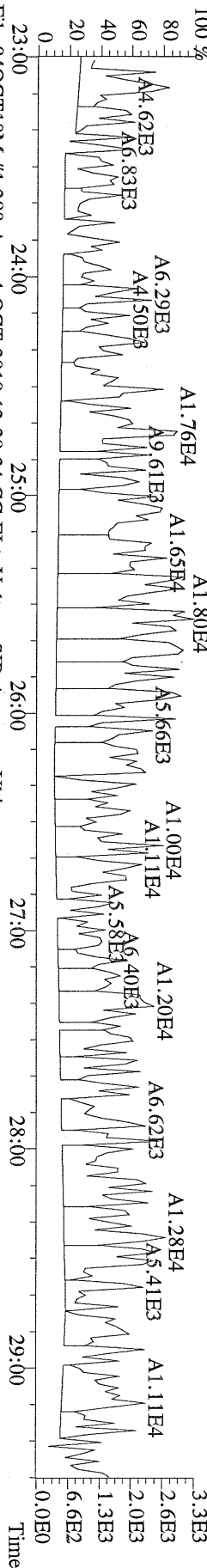
File:04OCT10M #1-398 Acq: 4-OCT-2010 13:29:24 GC EI + Voltage SIR Autospec-Ultime  
 339.8597 S:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



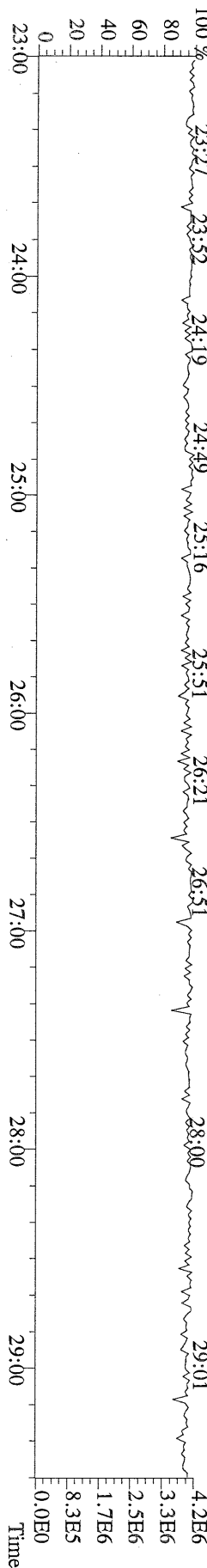
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 341.8568 S:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



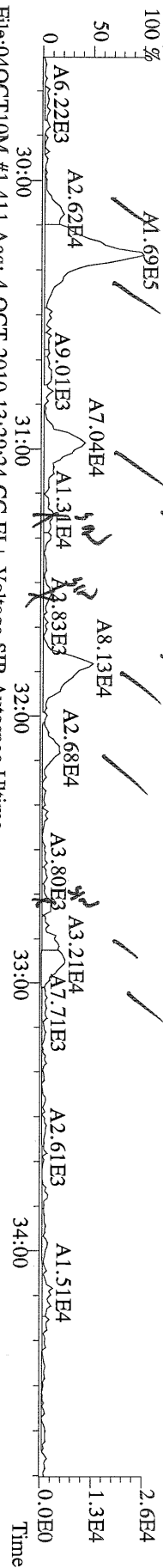
File:04OCT10M #1-398 Acq: 4-OCT-2010 13:29:24 GC EI + Voltage SIR Autospec-Ultime  
 409.7974 S:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



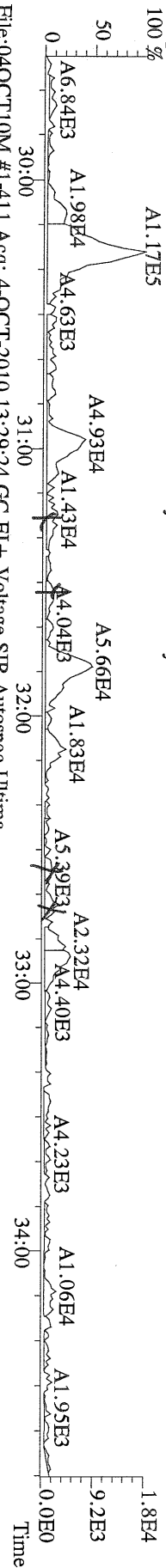
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 316.9824 S:3 Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



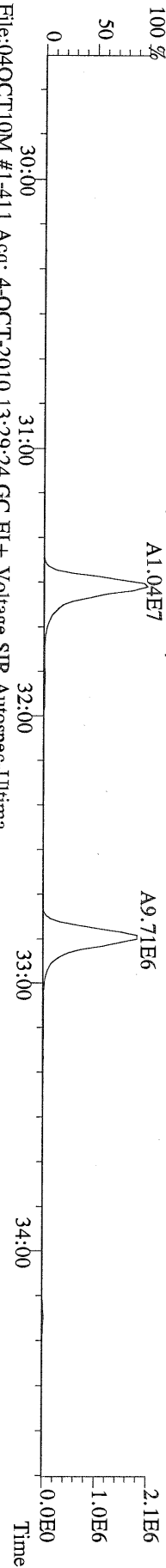
File:04OCT10M #1-411 Acq: 4-OCT-2010 13:29:24 GC EI + Voltage SIR Autospec-Ultima  
339.8597 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



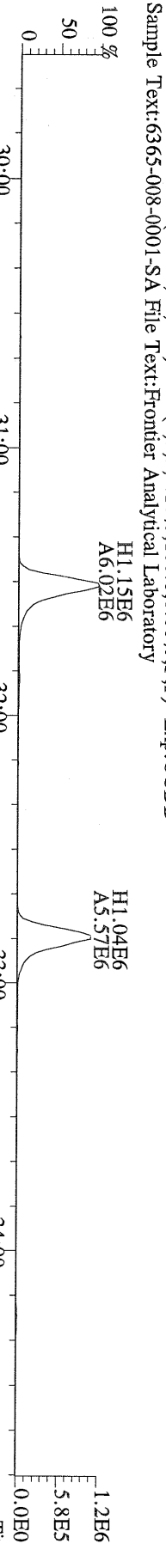
File:04OCT10M #1-411 Acq: 4-OCT-2010 13:29:24 GC EI + Voltage SIR Autospec-Ultima  
341.8568 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



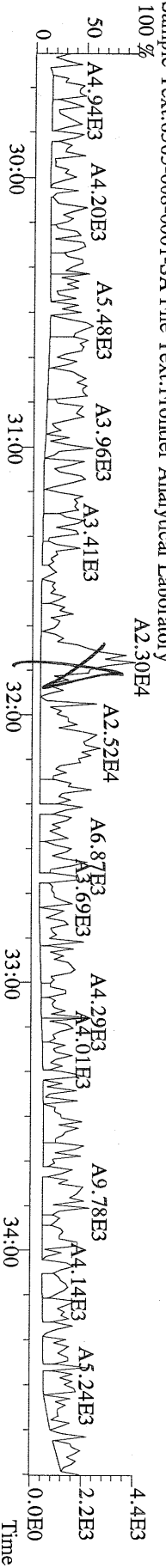
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351.9000 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



File:04OCT10M #1-411 Acq: 4-OCT-2010 13:29:24 GC EI + Voltage SIR Autospec-Ultima  
353.8970 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory

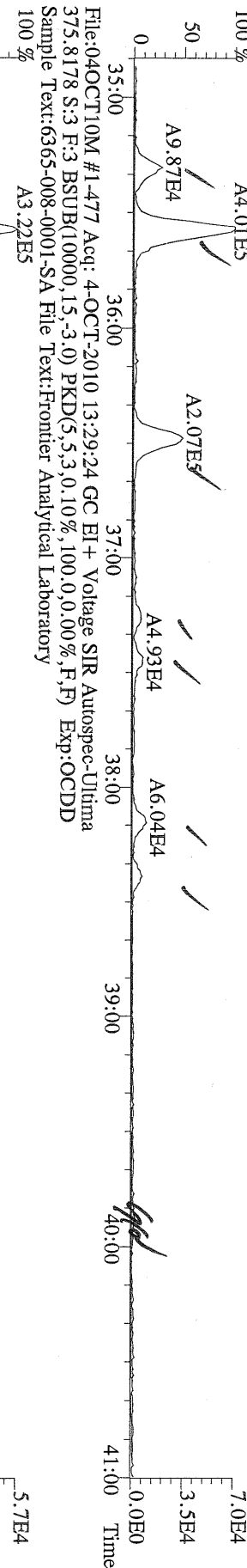


File:04OCT10M #1-411 Acq: 4-OCT-2010 13:29:24 GC EI + Voltage SIR Autospec-Ultima  
409.7974 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory

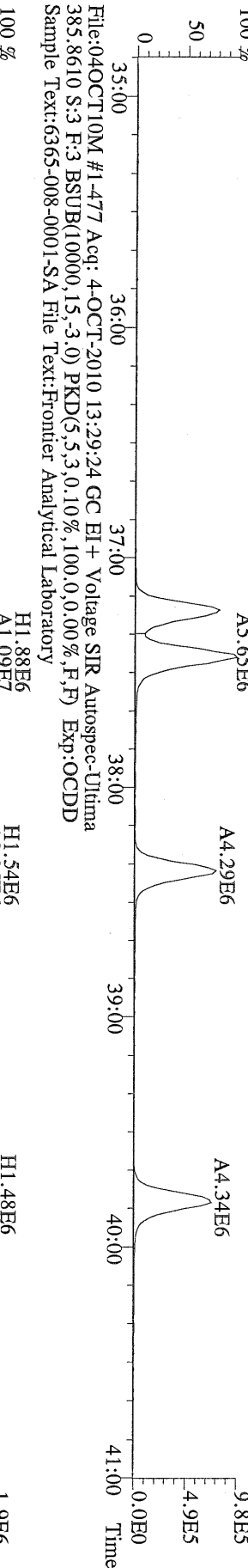




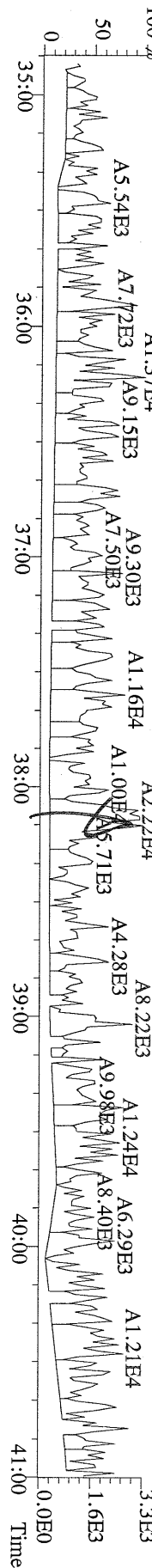
File:04OCT10M #1-477 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ulthma  
373.8207 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



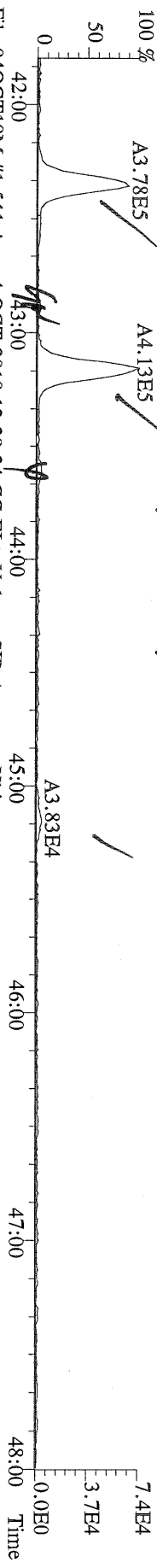
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383.8639 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



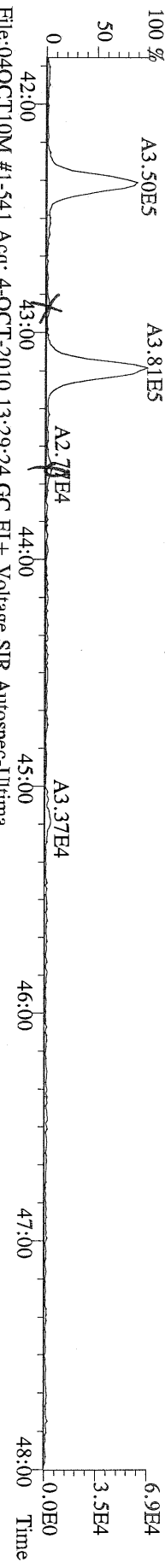
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445.7555 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



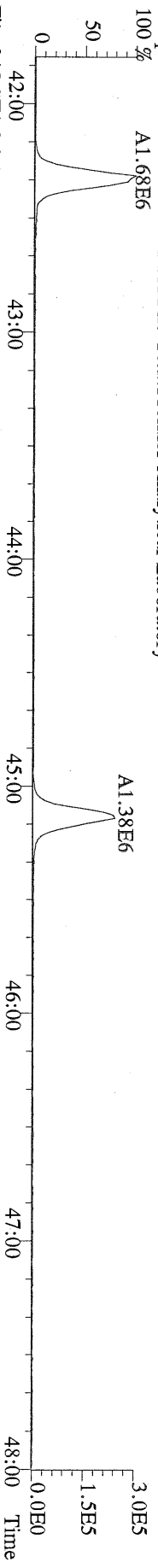
File:04OCT10M #1-541 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
 407.7818 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



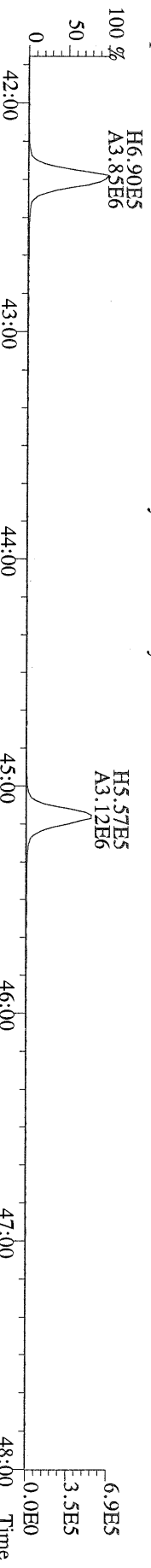
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 409.7788 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



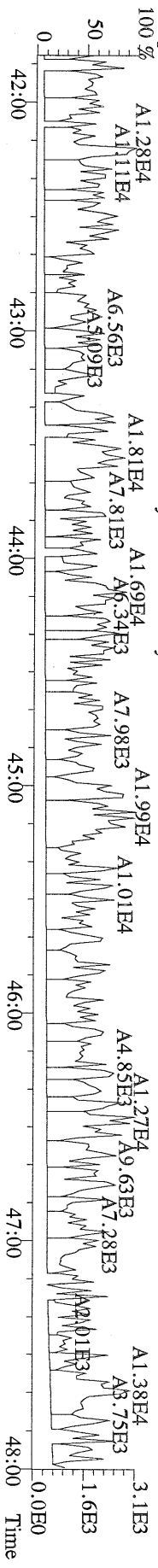
File:04OCT10M #1-541 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
 417.8253 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



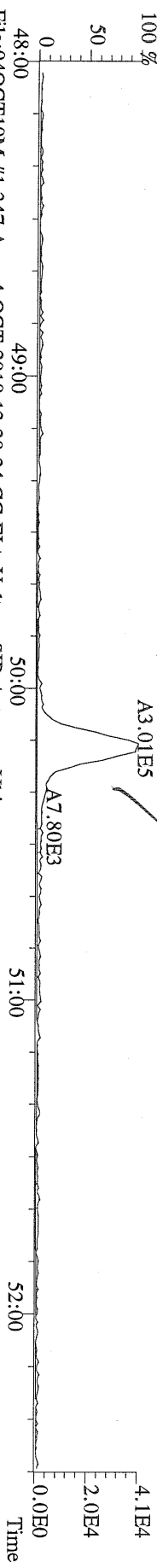
File:04OCT10M #1-541 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
 419.8220 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



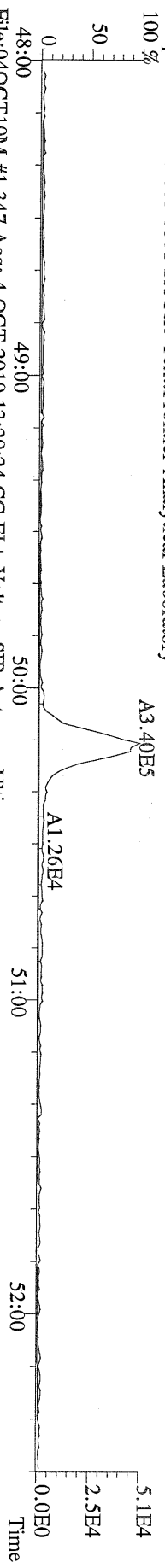
File:04OCT10M #1-541 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
 479.7165 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



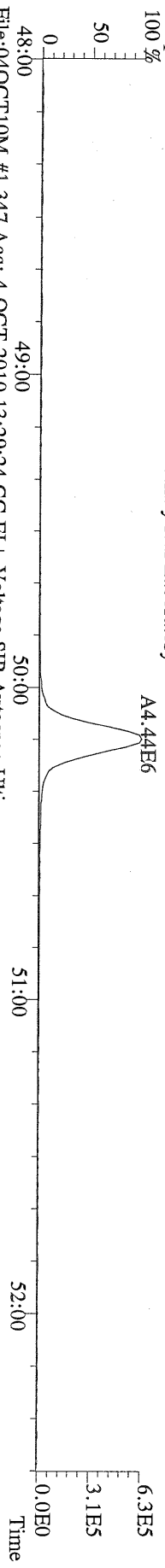
File:04OCT10M #1-347 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
441.7428 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



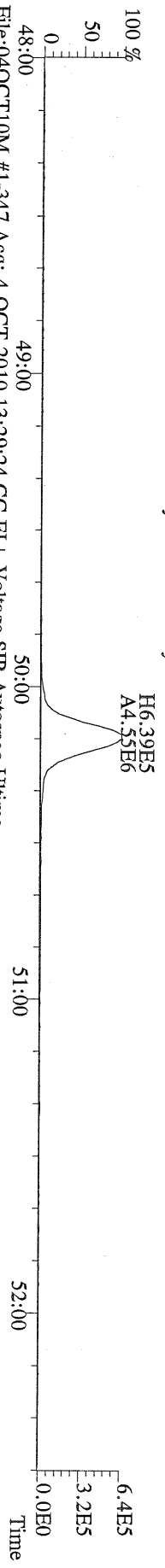
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443.7398 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



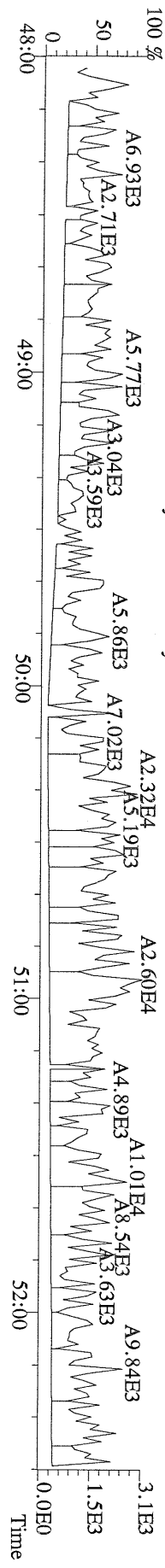
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453.7831 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



File:04OCT10M #1-347 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
455.7801 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



File:04OCT10M #1-347 Acq: 4-OCT-2010 13:29:24 GC EI+ Voltage SIR Autospec-Ultima  
513.6775 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:OCDD  
Sample Text:6365-008-0001-SA File Text:Frontier Analytical Laboratory



Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	Rec	#Hom
2,3,7,8-TCDD	5.45e+04	0.72 y	27:26	1.11	0.434	J	2.50	-	-	*	
1,2,3,7,8-PeCDD	2.97e+05	1.37 y	33:15	1.10	2.53	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDD	4.43e+05	1.37 y	38:37	1.37	3.59	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDD	1.04e+06	1.37 y	38:47	1.37	10.9		2.50	-	-	*	
1,2,3,7,8,9-HxCDD	8.67e+05	1.39 y	39:13	1.36	8.01		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	2.36e+07	0.96 y	44:13	1.45	247		2.50	-	-	*	
OCDD	1.16e+08	0.96 y	49:48	1.43	1990		2.50	-	-	*	
2,3,7,8-TCDF	1.28e+05	0.71 y	26:39	1.50	0.437	J	2.50	-	-	*	
1,2,3,7,8-PeCDF	8.17e+04	1.43 y	31:31	0.94	0.525	J	2.50	-	-	*	
2,3,4,7,8-PeCDF	1.55e+05	1.49 y	32:51	0.94	1.07	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDF	3.69e+05	1.19 y	37:13	0.93	2.38	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDF	5.10e+05	1.21 y	37:26	0.82	3.25	J	2.50	-	-	*	
2,3,4,6,7,8-HxCDF	5.21e+05	1.18 y	38:21	0.92	3.88	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDF	6.25e+04	1.24 y	39:51	1.00	0.385	J	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDF	7.96e+06	1.06 y	42:19	1.39	74.0		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	2.48e+05	1.04 y	45:07	1.36	2.71	J	2.50	-	-	*	
OCDF	1.15e+07	0.90 y	50:10	0.79	187		2.50	-	-	*	
13C-2,3,7,8-TCDD	4.47e+07	0.79 y	27:24	1.02	330					83.4	
13C-1,2,3,7,8-PeCDD	4.22e+07	1.78 y	33:14	0.84	379					95.6	
13C-1,2,3,4,7,8-HxCDD	3.56e+07	1.26 y	38:36	1.07	367					92.7	
13C-1,2,3,6,7,8-HxCDD	2.74e+07	1.26 y	38:45	1.01	300					75.6	
13C-1,2,3,4,6,7,8-HpCDD	2.61e+07	0.94 y	44:12	0.86	338					85.3	
13C-OCDD	3.22e+07	0.95 y	49:46	0.55	652					82.4	
13C-2,3,7,8-TCDF	7.72e+07	0.86 y	26:39	0.99	349					88.1	
13C-1,2,3,7,8-PeCDF	6.54e+07	1.74 y	31:30	0.84	351					88.6	
13C-2,3,4,7,8-PeCDF	6.13e+07	1.77 y	32:49	0.81	339					85.7	
13C-1,2,3,4,7,8-HxCDF	6.61e+07	0.52 y	37:13	1.85	395					99.8	
13C-1,2,3,6,7,8-HxCDF	7.55e+07	0.51 y	37:24	2.54	330					83.3	
13C-2,3,4,6,7,8-HxCDF	5.79e+07	0.52 y	38:21	2.01	318					80.3	
13C-1,2,3,7,8,9-HxCDF	6.45e+07	0.52 y	39:46	2.03	352					88.8	
13C-1,2,3,4,6,7,8-HpCDF	3.06e+07	0.45 y	42:18	1.11	306					77.2	
13C-1,2,3,4,7,8,9-HpCDF	2.67e+07	0.44 y	45:07	0.80	368					93.0	
13C-OCDF	6.21e+07	0.98 y	50:08	1.08	636					80.2	
37Cl-2,3,7,8-TCDD	1.36e+07		27:26	0.69	150					94.5	
13C-1,2,3,4-TCDD	5.24e+07	0.81 y	26:50	-	23.1						
13C-1,2,3,4-TCDF	8.81e+07	0.87 y	25:35	-	24.1						
13C-1,2,3,7,8,9-HxCDD	3.58e+07	1.24 y	39:13	-	25.7						
Total Tetra-Dioxins	7.40e+05		24:25	1.11	5.90		2.50	-	-	*	11
Total Penta-Dioxins	2.13e+06		30:17	1.10	18.2		2.50	-	-	*	9
Total Hexa-Dioxins	9.77e+06		36:10	1.37	90.7		2.50	-	-	*	8
Total Hepta-Dioxins	4.82e+07		42:50	1.45	503		2.50	-	-	*	2
Total Tetra-Furans	4.78e+06		23:05	1.50	16.3		2.50	-	-	*	19
1st Fn. Tot Penta-Furans	3.04e+06		28:29	0.94	20.3	D,M	2.50	-	-	*	PeCDF 110/4/10
Total Penta-Furans	3.88e+06		30:06	0.94	25.9	D,M	2.50	-	-	*	46.1 11
Total Hexa-Furans	1.08e+07		35:17	0.91	71.7	D,M	2.50	-	-	*	46.2 10
Total Hepta-Furans	1.86e+07		42:19	1.38	181		2.50	-	-	*	4

Analyst: 

Date: 10/1/10

Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 23

File: 30SEP10M

S: 18 I: 1 F: 1

Acquired: 1-OCT-10 01:18:44

Total Concentration: 5.90

Unnamed Concentration: 5.462

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:25	5.32e+04	7.05e+04	0.76 y	1.24e+05	0.985	
24:42	2.86e+04	3.76e+04	0.76 y	6.62e+04	0.527	
25:00	1.72e+04	2.62e+04	0.66 y	4.34e+04	0.346	
25:36	2.86e+04	3.27e+04	0.87 y	6.13e+04	0.488	
25:49	4.10e+04	4.88e+04	0.84 y	8.98e+04	0.716	
25:58	3.91e+04	5.02e+04	0.78 y	8.93e+04	0.711	
26:31	2.37e+04	3.30e+04	0.72 y	5.67e+04	0.452	
26:49	2.17e+04	2.80e+04	0.78 y	4.97e+04	0.396	
27:10	2.36e+04	3.33e+04	0.71 y	5.69e+04	0.454	
27:26	2.28e+04	3.18e+04	0.72 y	5.45e+04	0.434	2,3,7,8-TCDD
27:44	2.07e+04	2.78e+04	0.75 y	4.85e+04	0.387	

Totals class: Total Penta-Dioxins

Entry #: 39

Run: 23

File: 30SEP10M

S: 18 I: 1 F: 2

Acquired: 1-OCT-10 01:18:44

Total Concentration: 18.2

Unnamed Concentration: 15.647

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:17	2.62e+05	1.70e+05	1.54 y	4.32e+05	3.68	
30:54	1.08e+05	8.14e+04	1.33 y	1.89e+05	1.61	
31:30	1.09e+05	6.61e+04	1.66 y	1.76e+05	1.50	
31:44	2.12e+05	1.38e+05	1.53 y	3.50e+05	2.98	
31:53	1.12e+05	7.10e+04	1.58 y	1.83e+05	1.56	
32:11	1.98e+05	1.35e+05	1.47 y	3.33e+05	2.84	
33:15	1.72e+05	1.25e+05	1.37 y	2.97e+05	2.53	1,2,3,7,8-PeCDD
33:22	3.23e+04	2.19e+04	1.48 y	5.41e+04	0.461	
33:50	7.45e+04	4.37e+04	1.70 y	1.18e+05	1.01	

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 23

File: 30SEP10M

S: 18 I: 1 F: 3

Acquired: 1-OCT-10 01:18:44

Total Concentration: 90.7

Unnamed Concentration: 68.214

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:10	1.49e+06	1.08e+06	1.39 y	2.57e+06	23.6	
37:06	2.76e+05	2.14e+05	1.29 y	4.90e+05	4.50	
37:31	2.31e+06	1.65e+06	1.40 y	3.96e+06	36.4	
37:42	9.59e+04	7.11e+04	1.35 y	1.67e+05	1.53	
38:37	2.56e+05	1.87e+05	1.37 y	4.43e+05	3.59	1,2,3,4,7,8-HxCDD
38:47	6.00e+05	4.37e+05	1.37 y	1.04e+06	10.9	1,2,3,6,7,8-HxCDD
39:05	1.28e+05	1.10e+05	1.17 y	2.38e+05	2.19	
39:13	5.05e+05	3.62e+05	1.39 y	8.67e+05	8.01	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 23

File: 30SEP10M

S: 18 I: 1 F: 4

Acquired: 1-OCT-10 01:18:44

Total Concentration: 503

Unnamed Concentration: 256.161

RT	ml Resp	m2 Resp RA	Resp	Concentration	Name
42:50	1.20e+07	1.25e+07 0.96 y	2.45e+07	256	
44:13	1.16e+07	1.21e+07 0.96 y	2.36e+07	247	1,2,3,4,6,7,8-HpCDD



Totals class: Total Tetra-Furans

Entry #: 42

Run: 23

File: 30SEP10M

S: 18 I: 1 F: 1

Acquired: 1-OCT-10 01:18:44

Total Concentration: 16.3

Unnamed Concentration: 15.885

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:05	3.17e+04	4.51e+04	0.70 y	7.68e+04	0.262	
23:26	7.37e+04	1.01e+05	0.73 y	1.75e+05	0.596	
23:49	4.49e+05	6.84e+05	0.66 y	1.13e+06	3.87	
24:14	1.00e+05	1.38e+05	0.72 y	2.38e+05	0.813	
24:28	9.97e+04	1.44e+05	0.69 y	2.44e+05	0.833	
24:45	1.84e+05	2.74e+05	0.67 y	4.59e+05	1.57	
24:59	2.79e+04	3.54e+04	0.79 y	6.33e+04	0.216	
25:21	5.84e+04	6.98e+04	0.84 y	1.28e+05	0.438	
25:28	2.15e+05	3.10e+05	0.69 y	5.26e+05	1.79	
25:35	6.03e+04	7.54e+04	0.80 y	1.36e+05	0.463	
25:51	5.82e+04	6.78e+04	0.86 y	1.26e+05	0.430	
25:57	5.60e+04	7.35e+04	0.76 y	1.29e+05	0.442	
26:10	2.39e+04	3.16e+04	0.76 y	5.56e+04	0.190	
26:29	5.31e+04	6.80e+04	0.78 y	1.21e+05	0.414	
26:39	5.33e+04	7.49e+04	0.71 y	1.28e+05	0.437	2,3,7,8-TCDF
26:59	7.28e+04	1.09e+05	0.67 y	1.82e+05	0.621	
27:54	1.18e+05	1.72e+05	0.69 y	2.90e+05	0.990	
28:07	8.64e+04	1.15e+05	0.75 y	2.01e+05	0.687	
28:30	1.46e+05	2.23e+05	0.66 y	3.70e+05	1.26	

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

Run: 23      File: 30SEP10M      S: 18 I: 1 F: 1  
Acquired: 1-OCT-10 01:18:44

Total Concentration: 20.3      Unnamed Concentration: 20.253

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:29	1.82e+06	1.22e+06	1.49 y	3.04e+06	20.3	

Totals class: Total Penta-Furans

Entry #: 44

Run: 23

File: 30SEP10M

S: 18 I: 1 F: 2

Acquired: 1-OCT-10 01:18:44

Total Concentration: 25.9

Unnamed Concentration: 24.269

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:06	9.69e+04	6.58e+04	1.47 y	1.63e+05	1.08	
30:16	9.13e+05	6.54e+05	1.40 y	1.57e+06	10.4	
30:58	3.88e+05	2.74e+05	1.42 y	6.62e+05	4.41	
31:31	4.81e+04	3.36e+04	1.43 y	8.17e+04	0.525	1,2,3,7,8-PeCDF
31:48	3.33e+05	2.37e+05	1.41 y	5.70e+05	3.79	
32:06	6.46e+04	4.69e+04	1.38 y	1.12e+05	0.742	
32:41	4.50e+04	3.17e+04	1.42 y	7.67e+04	0.510	
32:51	9.24e+04	6.21e+04	1.49 y	1.55e+05	1.07	2,3,4,7,8-PeCDF
32:54	1.63e+05	1.15e+05	1.42 y	2.77e+05	1.85	
33:58	5.10e+04	3.29e+04	1.55 y	8.39e+04	0.558	
34:09	8.10e+04	5.41e+04	1.50 y	1.35e+05	0.899	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 23 File: 30SEP10M  
Acquired: 1-OCT-10 01:18:44

S: 18 I: 1 F: 3

Total Concentration: 71.7

Unnamed Concentration: 61.776

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:17	7.13e+05	5.99e+05	1.19 y	1.31e+06	8.65	
35:33	2.65e+06	2.21e+06	1.20 y	4.86e+06	32.0	
36:09	5.74e+04	4.97e+04	1.15 y	1.07e+05	0.706	
36:28	1.42e+06	1.18e+06	1.20 y	2.60e+06	17.2	
37:05	5.80e+04	5.24e+04	1.11 y	1.10e+05	0.728	
37:13	2.00e+05	1.69e+05	1.19 y	3.69e+05	2.38	1,2,3,4,7,8-HxCDF
37:26	2.79e+05	2.31e+05	1.21 y	5.10e+05	3.25	1,2,3,6,7,8-HxCDF
38:08	2.02e+05	1.75e+05	1.16 y	3.77e+05	2.49	
38:21	2.82e+05	2.39e+05	1.18 y	5.21e+05	3.88	2,3,4,6,7,8-HxCDF
39:51	3.46e+04	2.79e+04	1.24 y	6.25e+04	0.385	1,2,3,7,8,9-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 23

File: 30SEP10M

S: 18 I: 1 F: 4

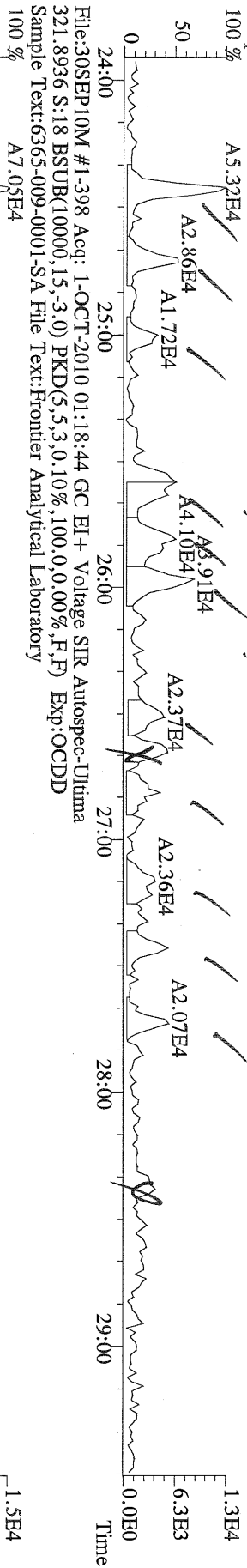
Acquired: 1-OCT-10 01:18:44

Total Concentration: 181

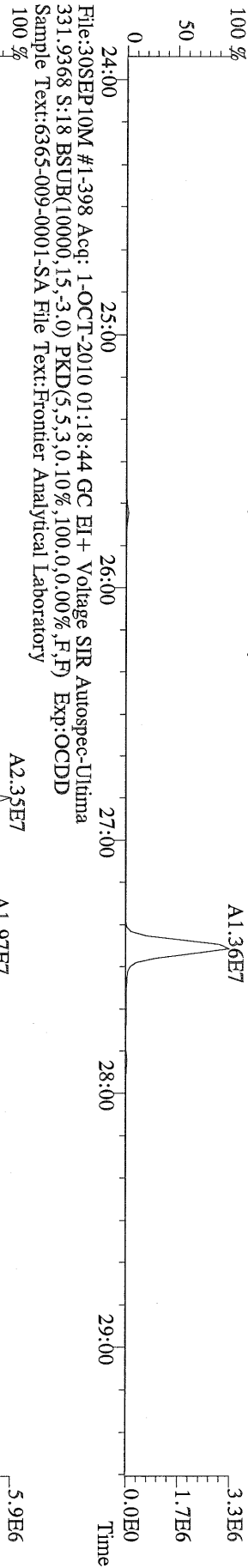
Unnamed Concentration: 104.409

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:19	4.10e+06	3.87e+06	1.06 y	7.96e+06	74.0	1,2,3,4,6,7,8-HpCDF
42:51	8.52e+04	8.38e+04	1.02 y	1.69e+05	1.70	
43:08	5.25e+06	4.99e+06	1.05 y	1.02e+07	103	
45:07	1.26e+05	1.22e+05	1.04 y	2.48e+05	2.71	1,2,3,4,7,8,9-HpCDF

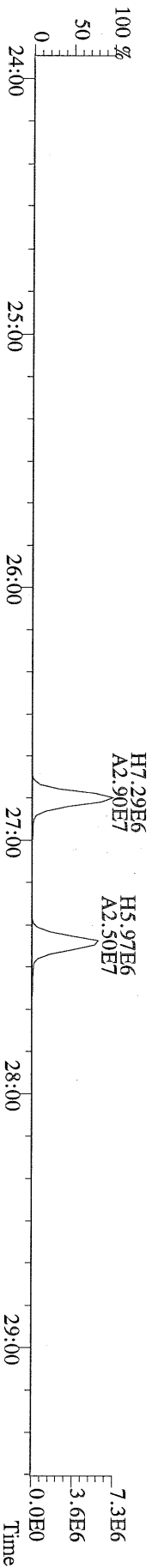
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319.8965 S:1.8 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



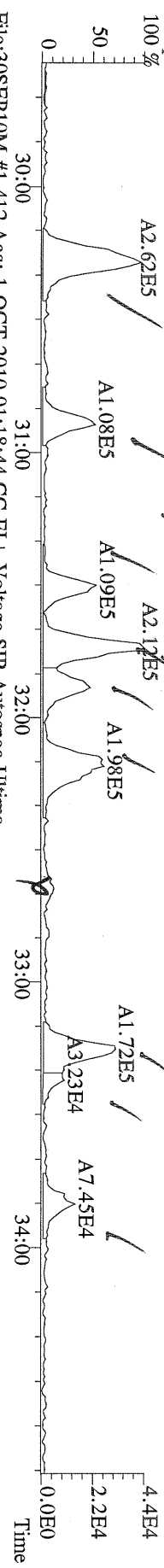
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327.8847 S:1.8 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



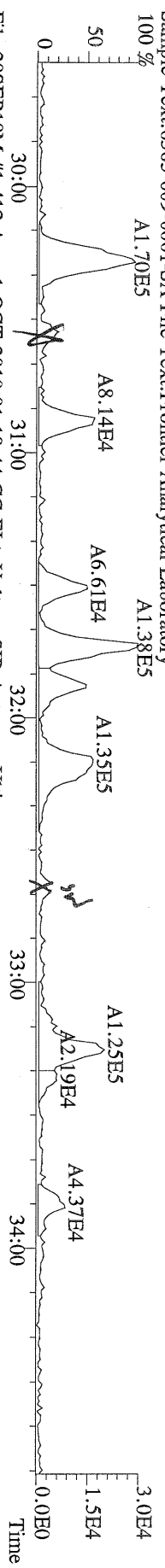
File:30SEP10M #1-398 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Ultima  
333.9339 S:1.8 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



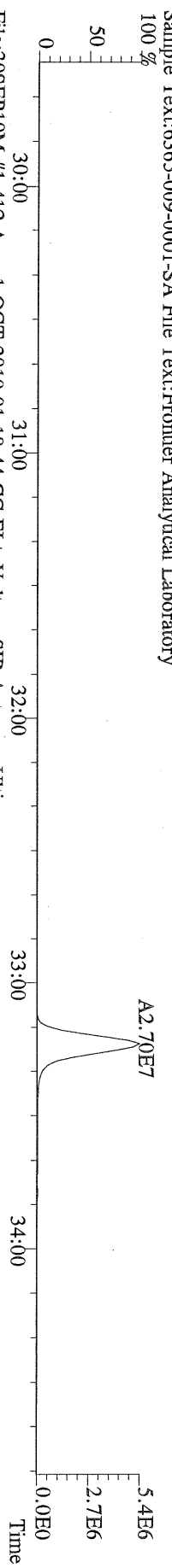
File:30SEP10M #1-412 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Ultima  
 355.8546 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



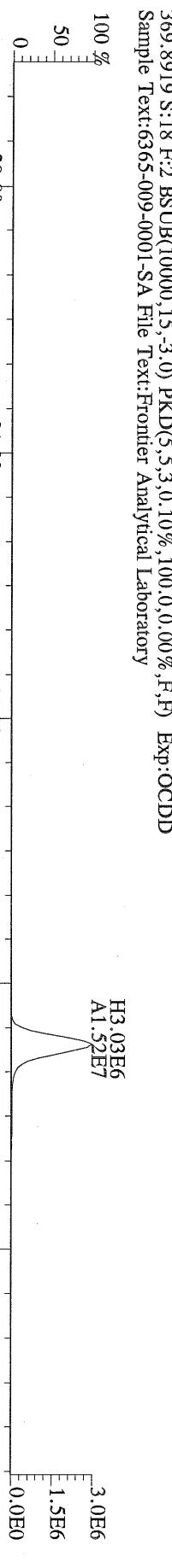
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 357.8517 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



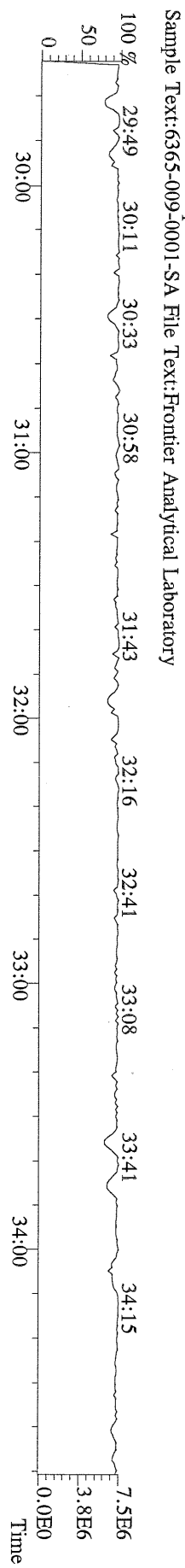
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 367.8949 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



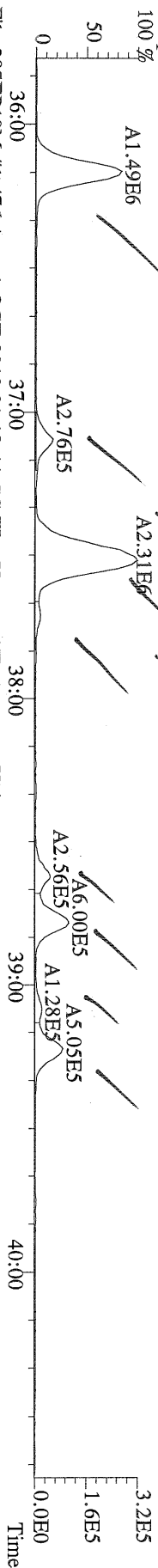
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 369.8919 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



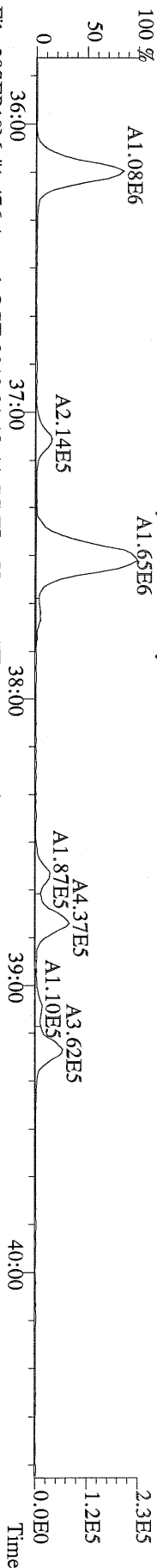
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 366.9792 S:18 F:2 Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



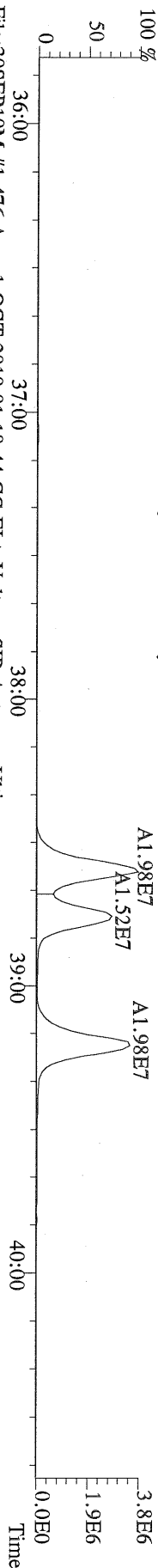
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 389.8156 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



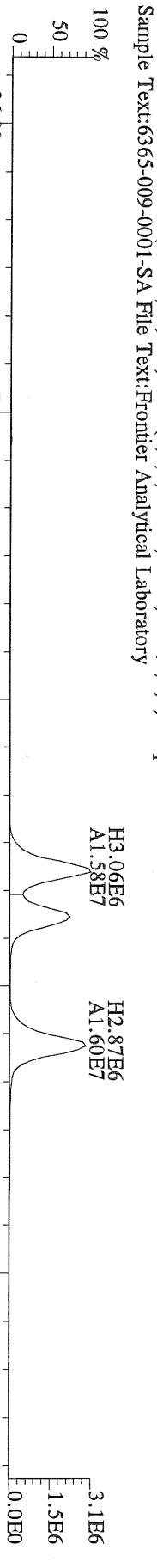
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 391.8127 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



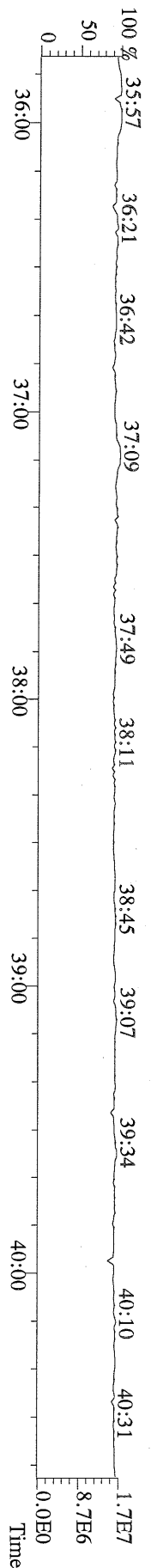
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 401.8559 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-476 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Ultima  
 403.8530 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory

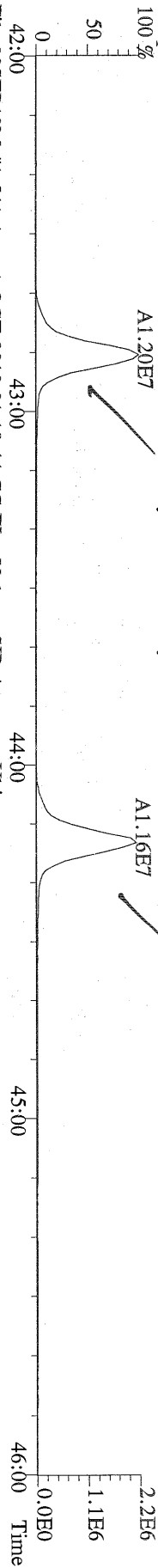


File:30SEP10M #1-476 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Ultima  
 380.9760 S:18 F:3 Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory

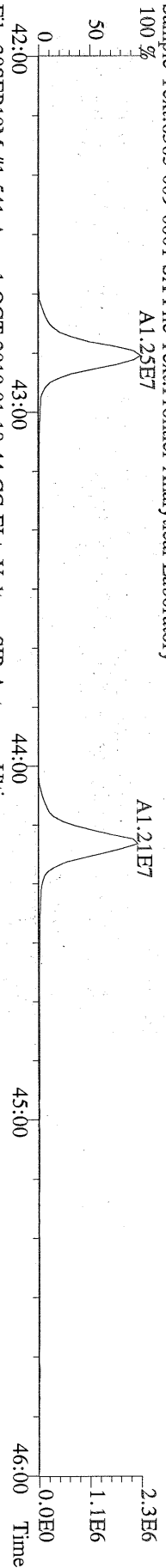




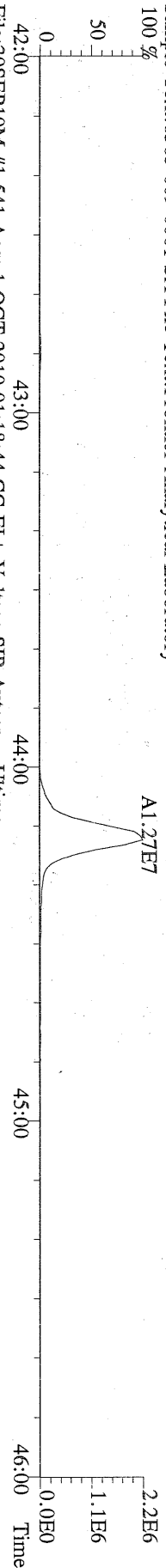
File:30SEP10M #1-541 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Ultima  
423.7767 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



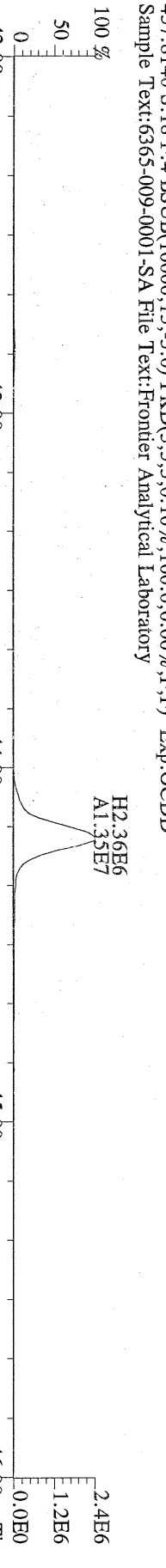
File:30SEP10M #1-541 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Ultima  
425.7737 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



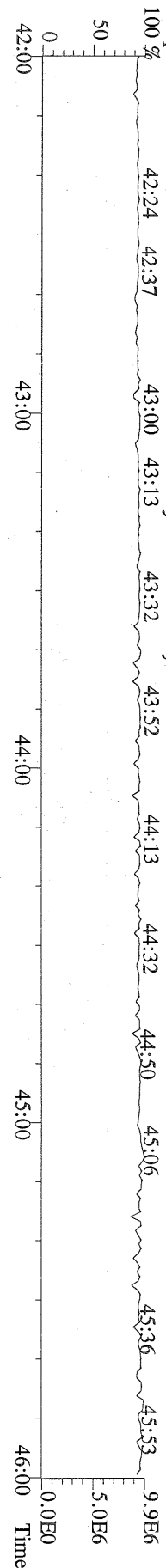
File:30SEP10M #1-541 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Ultima  
435.8169 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



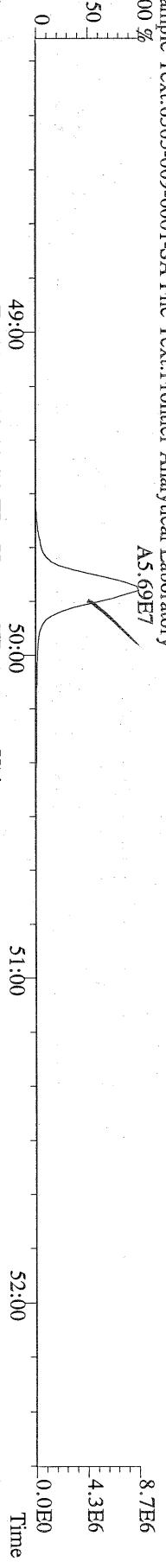
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437.8140 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



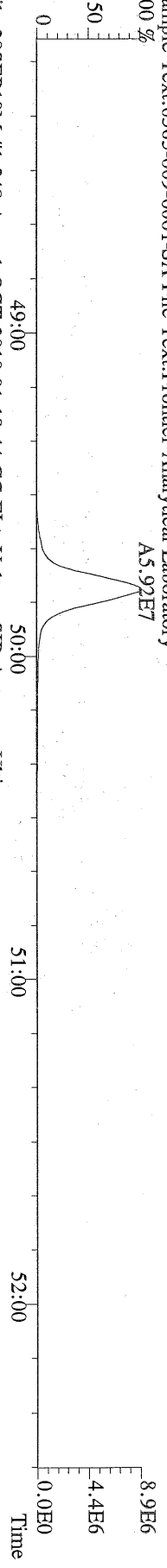
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430.9728 S:18 F:4 Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



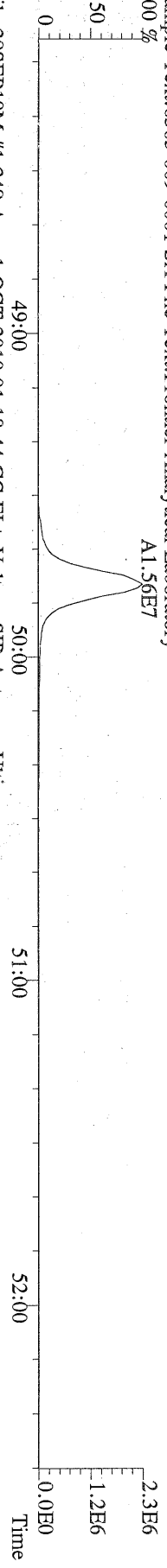
File:30SEP10M #1-348 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
 457.7377 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory  
 100%



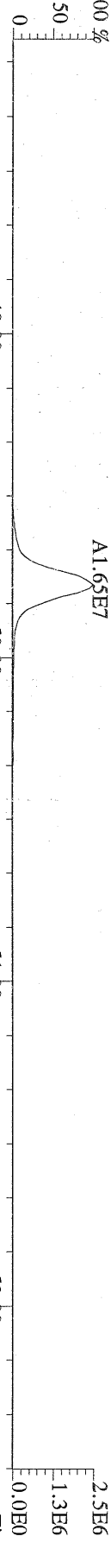
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 459.7348 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory  
 100%



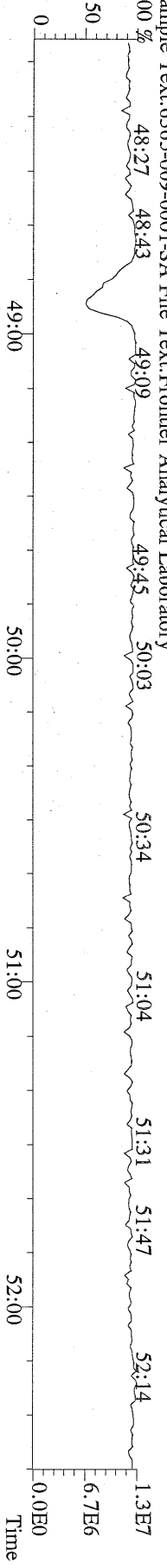
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 469.7780 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory  
 100%



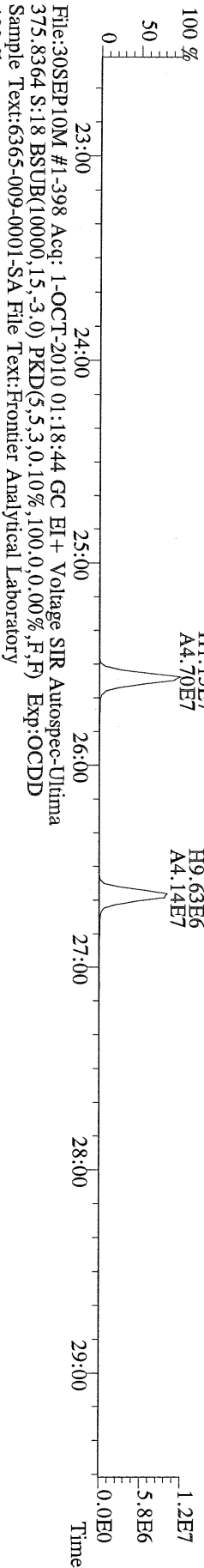
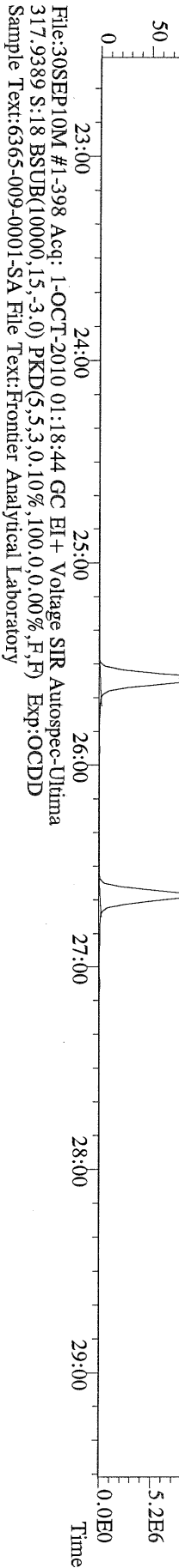
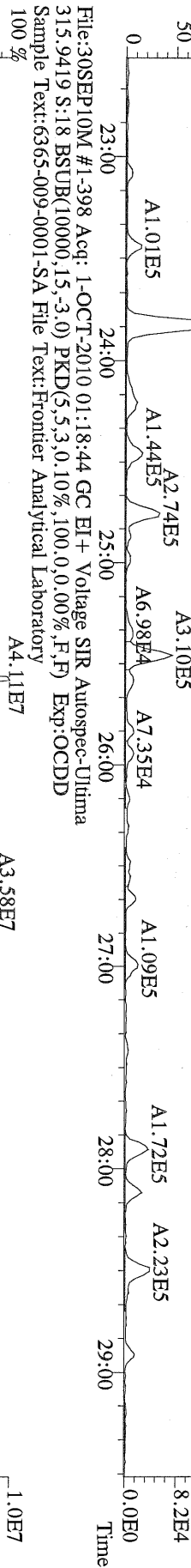
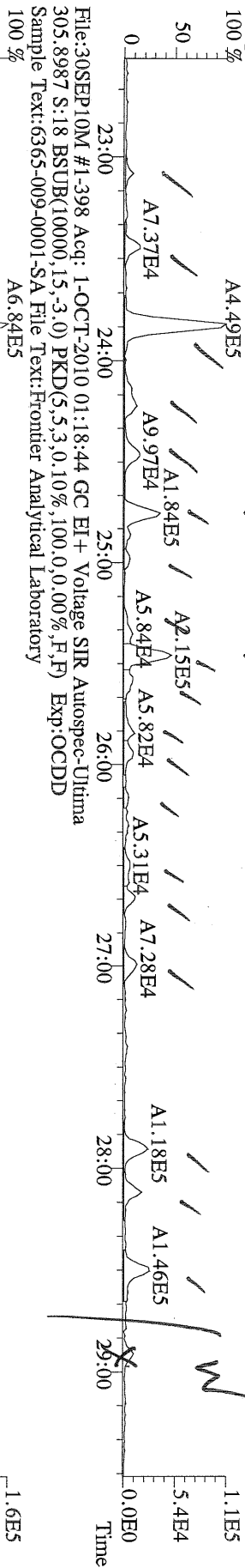
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 471.7750 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-348 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
 454.9728 S:18 F:5 Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory

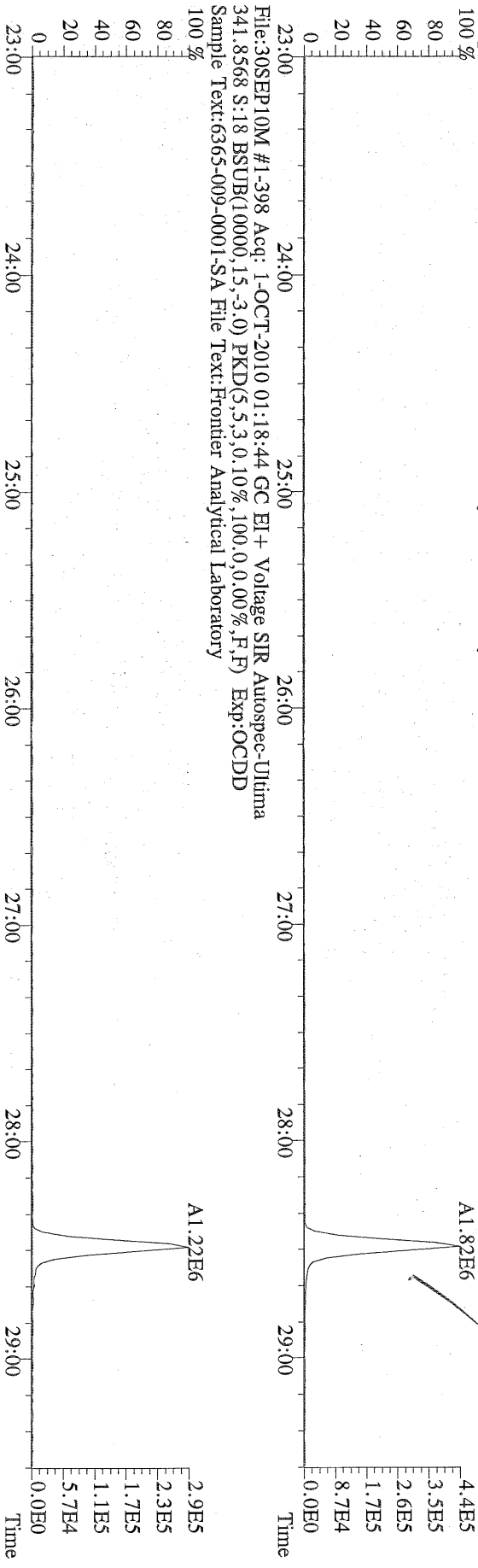


File:30SEP10M #1-398 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Ultima  
303.9016 S:18 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory

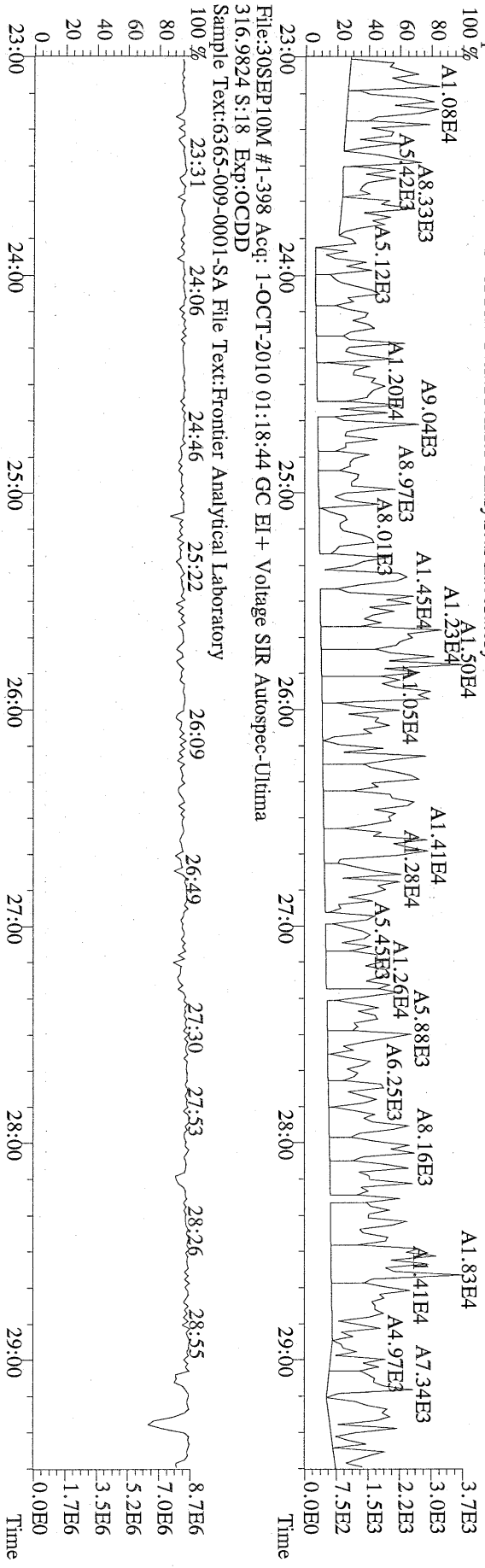


File:30SEP10M #1-398 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Ultima  
317.9389 S:18 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory

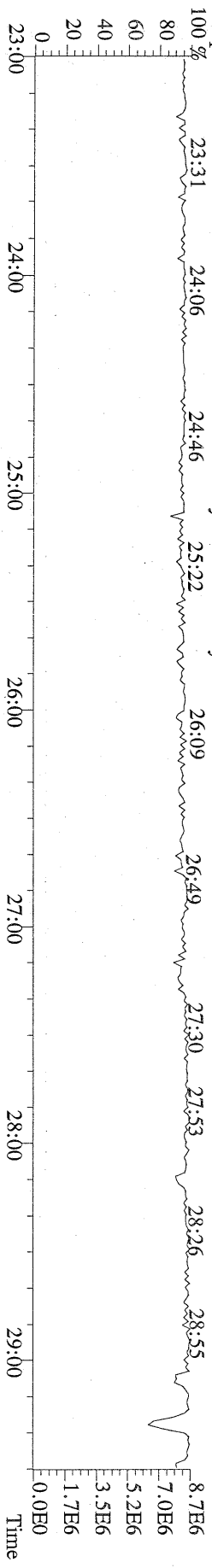
File:30SEP10M #1-398 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
 339.8567 S:18 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



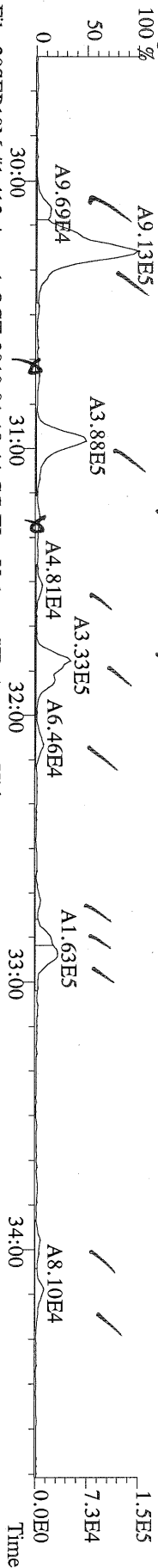
File:30SEP10M #1-398 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
 409.7974 S:18 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



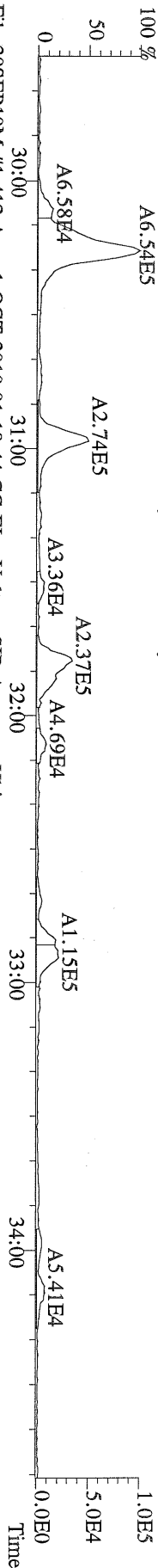
File:30SEP10M #1-398 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
 316.9824 S:18 Exp:OCDD  
 Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



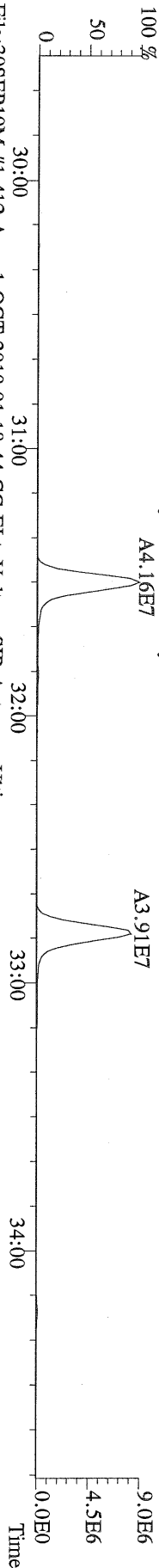
File:30SEPI10M #1-412 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Ultima  
339.8597 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00% F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



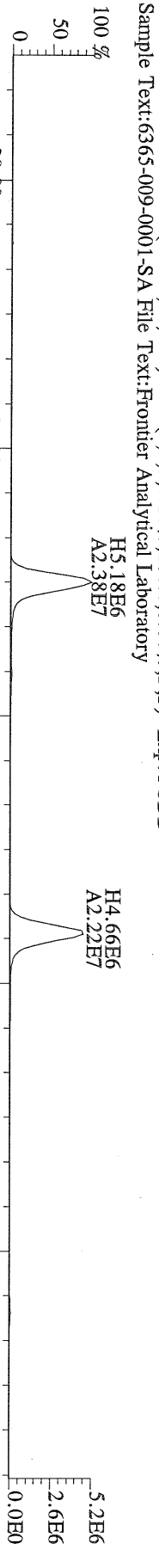
File:30SEPI10M #1-412 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Ultima  
341.8568 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00% F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



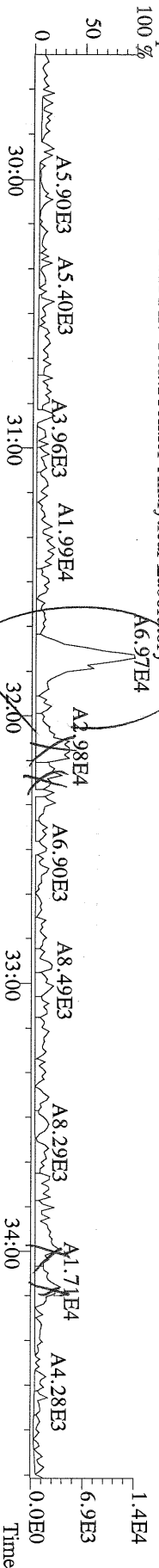
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351.9000 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00% F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



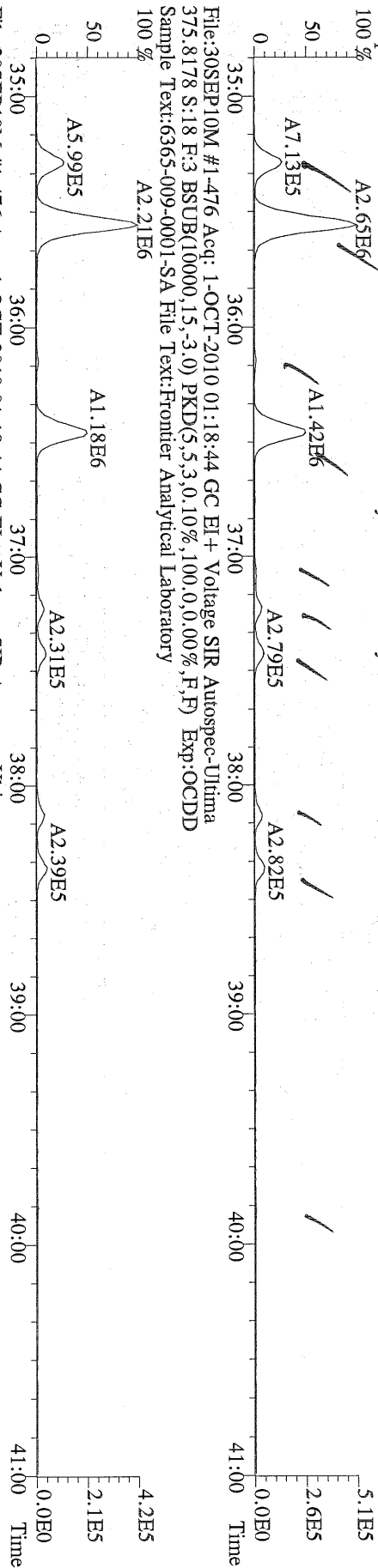
File:30SEPI10M #1-412 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Ultima  
353.8970 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00% F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



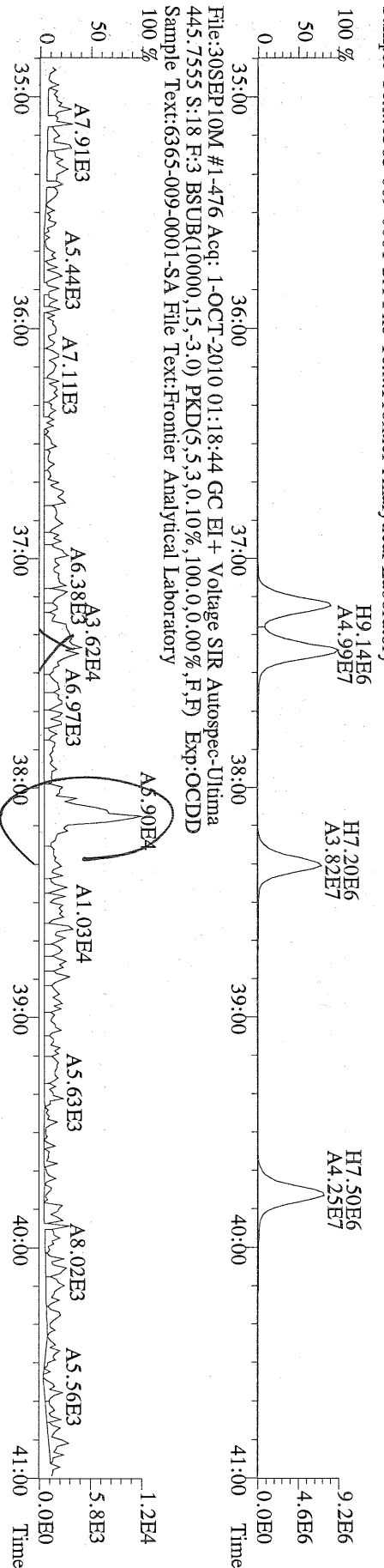
File:30SEPI10M #1-412 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Ultima  
409.7974 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00% F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-476 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
373.8207 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory

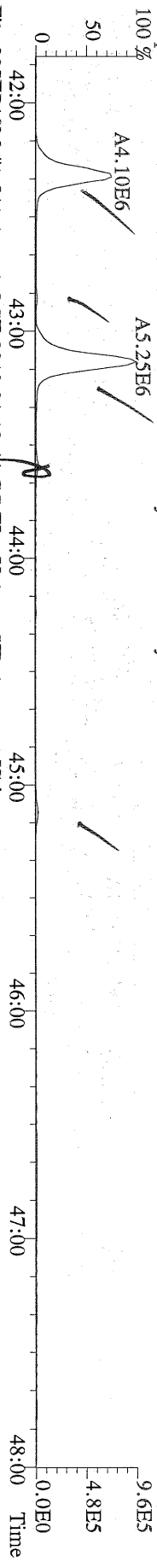


File:30SEP10M #1-476 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
383.8639 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory

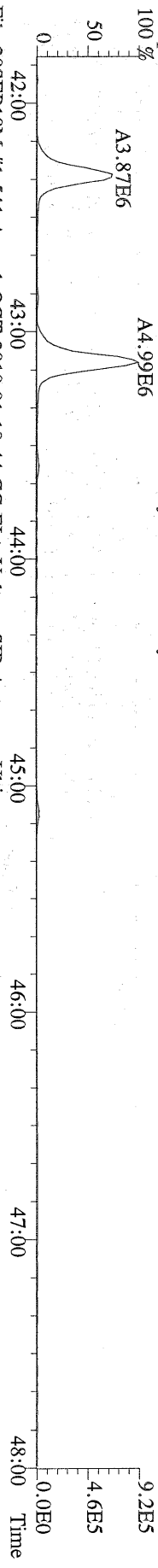


File:30SEP10M #1-476 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
445.7555 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory

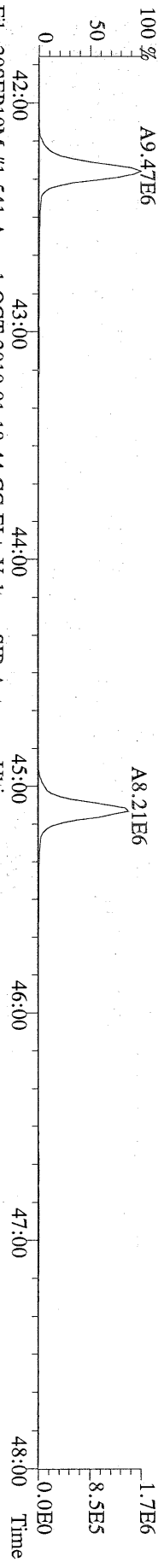
File:30SEPI0M #1-541 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
407.7818 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



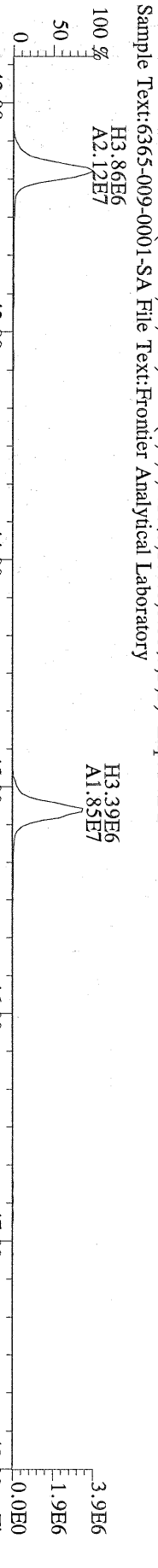
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409.7788 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



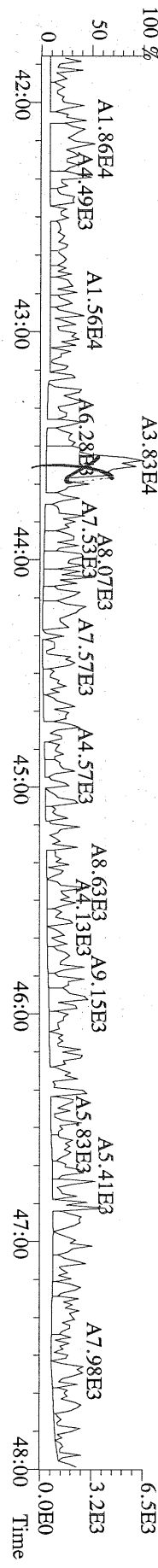
File:30SEPI0M #1-541 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
417.8253 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



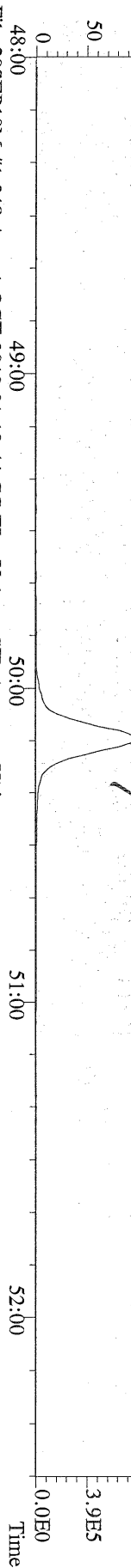
File:30SEPI0M #1-541 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
419.8220 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



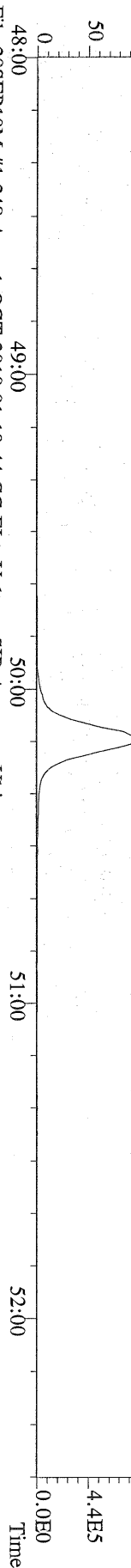
File:30SEPI0M #1-541 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
479.7165 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



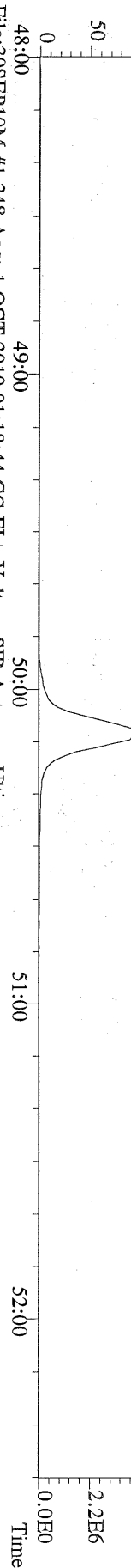
File:30SEP10M #1-348 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
441.7428 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



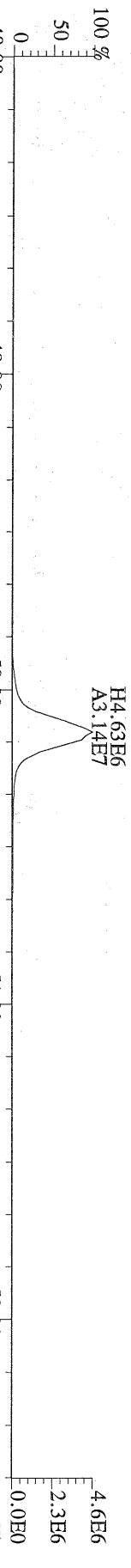
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443.7398 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



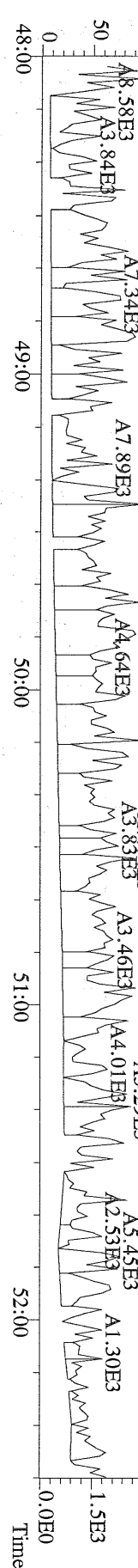
File:30SEP10M #1-348 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
453.7831 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-348 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
455.7801 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory




File:30SEP10M #1-348 Acq: 1-OCT-2010 01:18:44 GC EI+ Voltage SIR Autospec-Utima  
513.6775 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-009-0001-SA File Text:Frontier Analytical Laboratory





Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	#Hom	
2,3,7,8-TCDD	*	* n	NotFnd	1.11	*		2.50	1030	997	0.144	
1,2,3,7,8-PeCDD	*	* n	NotFnd	1.10	*		2.50	1450	1050	0.220	
1,2,3,4,7,8-HxCDD	*	* n	NotFnd	1.37	*		2.50	1240	1180	0.207	
1,2,3,6,7,8-HxCDD	5.73e+04	1.27 y	38:47	1.37	0.537	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDD	3.71e+04	1.23 y	39:13	1.36	0.306	J	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	1.08e+06	0.96 y	44:13	1.45	10.0		2.50	-	-	*	
OCDD	4.46e+06	0.99 y	49:47	1.43	76.1		2.50	-	-	*	
2,3,7,8-TCDF	*	* n	NotFnd	1.50	*		2.50	2170	2850	0.153	
1,2,3,7,8-PeCDF	*	* n	NotFnd	0.94	*		2.50	1420	1570	0.172	
2,3,4,7,8-PeCDF	*	* n	NotFnd	0.94	*		2.50	1420	1570	0.202	
1,2,3,4,7,8-HxCDF	*	* n	NotFnd	0.93	*		2.50	1990	1770	0.264	
1,2,3,6,7,8-HxCDF	*	* n	NotFnd	0.82	*		2.50	1990	1770	0.277	
2,3,4,6,7,8-HxCDF	*	* n	NotFnd	0.92	*		2.50	1990	1770	0.292	
1,2,3,7,8,9-HxCDF	*	* n	NotFnd	1.00	*		2.50	1990	1770	0.255	
1,2,3,4,6,7,8-HpCDF	3.76e+05	0.95 y	42:20	1.39	3.07	J	2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	*	* n	NotFnd	1.36	*		2.50	1560	1330	0.309	
OCDF	5.45e+05	0.93 y	50:09	0.79	8.00	J	2.50	-	-	*	
										Rec	
13C-2,3,7,8-TCDD	5.43e+07	0.81 y	27:23	1.02	336					85.3	
13C-1,2,3,7,8-PeCDD	4.59e+07	1.78 y	33:13	0.84	345					87.6	
13C-1,2,3,4,7,8-HxCDD	3.95e+07	1.25 y	38:36	1.07	369					93.7	
13C-1,2,3,6,7,8-HxCDD	3.06e+07	1.25 y	38:45	1.01	303					76.9	
13C-1,2,3,4,6,7,8-HpCDD	2.92e+07	0.93 y	44:12	0.86	341					86.7	
13C-OCDD	3.21e+07	0.94 y	49:45	0.55	590					74.9	
13C-2,3,7,8-TCDF	8.96e+07	0.86 y	26:39	0.99	352					89.5	
13C-1,2,3,7,8-PeCDF	7.69e+07	1.78 y	31:30	0.84	359					91.2	
13C-2,3,4,7,8-PeCDF	7.16e+07	1.74 y	32:48	0.81	345					87.6	
13C-1,2,3,4,7,8-HxCDF	7.18e+07	0.51 y	37:12	1.85	389					98.8	
13C-1,2,3,6,7,8-HxCDF	8.22e+07	0.52 y	37:24	2.54	325					82.5	
13C-2,3,4,6,7,8-HxCDF	6.67e+07	0.52 y	38:20	2.01	332					84.2	
13C-1,2,3,7,8,9-HxCDF	7.41e+07	0.52 y	39:46	2.03	365					92.8	
13C-1,2,3,4,6,7,8-HpCDF	3.46e+07	0.44 y	42:17	1.11	313					79.5	
13C-1,2,3,4,7,8,9-HpCDF	3.43e+07	0.45 y	45:06	0.80	428					109	
13C-OCDF	6.83e+07	0.97 y	50:08	1.08	632					80.3	
37Cl-2,3,7,8-TCDD	1.46e+07		27:25	0.69	134					85.3	
13C-1,2,3,4-TCDD	6.22e+07	0.85 y	26:49	-	27.3						
13C-1,2,3,4-TCDF	1.01e+08	0.87 y	25:34	-	27.4						
13C-1,2,3,7,8,9-HxCDD	3.93e+07	1.23 y	39:12	-	28.1						
Total Tetra-Dioxins	8.14e+04		24:24	1.11	0.531	J	2.50	-	-	*	2
Total Penta-Dioxins	1.24e+05		30:16	1.10	0.966	J	2.50	-	-	*	2
Total Hexa-Dioxins	5.77e+05		36:09	1.37	4.80	J	2.50	-	-	*	5
Total Hepta-Dioxins	2.19e+06		42:50	1.45	20.3		2.50	-	-	*	2
Total Tetra-Furans	5.03e+05		23:49	1.50	1.47		2.50	-	-	*	6
1st Fn. Tot Penta-Furans	1.36e+05		28:28	0.94	0.767	J	2.50	-	-	*	PeCDF 1
Total Penta-Furans	2.38e+05		30:15	0.94	1.34	J	2.50	-	-	*	2.11 3
Total Hexa-Furans	3.76e+05		35:17	0.91	2.21	J	2.50	-	-	*	3
Total Hepta-Furans	8.85e+05		42:20	1.38	7.30		2.50	-	-	*	2

Analyst: 

Date: 10/1/10

Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 24

File: 30SEP10M

S: 19 I: 1 F: 1

Acquired: 1-OCT-10 02:14:07

Total Concentration: 0.531

Unnamed Concentration: 0.531

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:24	2.20e+04	3.00e+04	0.73 y	5.19e+04	0.339	
24:41	1.30e+04	1.64e+04	0.79 y	2.94e+04	0.192	

Totals class: Total Penta-Dioxins

Entry #: 39

Run: 24

File: 30SEP10M

S: 19 I: 1 F: 2

Acquired: 1-OCT-10 02:14:07

Total Concentration: 0.966

Unnamed Concentration: 0.966

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:16	3.69e+04	2.76e+04	1.34 y	6.45e+04	0.502	
31:29	3.73e+04	2.23e+04	1.68 y	5.96e+04	0.464	

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 24

File: 30SEP10M

S: 19 I: 1 F: 3

Acquired: 1-OCT-10 02:14:07

Total Concentration: 4.80

Unnamed Concentration: 3.959

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:09	7.09e+04	5.33e+04	1.33 y	1.24e+05	1.02	
37:04	6.84e+04	5.00e+04	1.37 y	1.18e+05	0.971	
37:31	1.40e+05	1.00e+05	1.40 y	2.40e+05	1.97	
38:47	3.20e+04	2.53e+04	1.27 y	5.73e+04	0.537	1,2,3,6,7,8-HxCDD
39:13	2.04e+04	1.66e+04	1.23 y	3.71e+04	0.306	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 24

File: 30SEP10M

S: 19 I: 1 F: 4

Acquired: 1-OCT-10 02:14:07

Total Concentration: 20.3

Unnamed Concentration: 10.315

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:50	5.48e+05	5.62e+05	0.98 y	1.11e+06	10.3	
44:13	5.27e+05	5.50e+05	0.96 y	1.08e+06	10.0	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 24

File: 30SEP10M

S: 19 I: 1 F: 1

Acquired: 1-OCT-10 02:14:07

Total Concentration: 1.47

Unnamed Concentration: 1.472

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:49	4.48e+04	6.20e+04	0.72 y	1.07e+05	0.313	
24:12	4.38e+04	5.97e+04	0.73 y	1.04e+05	0.303	
24:25	3.69e+04	4.82e+04	0.76 y	8.51e+04	0.249	
24:44	3.06e+04	3.70e+04	0.83 y	6.76e+04	0.198	
25:27	3.23e+04	3.84e+04	0.84 y	7.06e+04	0.207	
26:59	2.89e+04	4.04e+04	0.71 y	6.94e+04	0.203	

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

Run: 24      File: 30SEP10M      S: 19 I: 1 F: 1  
Acquired: 1-OCT-10 02:14:07

Total Concentration: 0.767      Unnamed Concentration: 0.767

RT	ml Resp	m2 Resp RA	Resp	Concentration	Name
28:28	8.30e+04	5.28e+04 1.57 y	1.36e+05	0.767	

Totals class: Total Penta-Furans

Entry #: 44

Run: 24

File: 30SEP10M

S: 19 I: 1 F: 2

Acquired: 1-OCT-10 02:14:07

Total Concentration: 1.34

Unnamed Concentration: 1.344

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:15	6.47e+04	4.83e+04	1.34 y	1.13e+05	0.638	
30:58	3.63e+04	2.31e+04	1.57 y	5.93e+04	0.335	
31:48	3.75e+04	2.83e+04	1.33 y	6.58e+04	0.371	



Totals class: Total Hexa-Furans

Entry #: 45

Run: 24

File: 30SEP10M

S: 19 I: 1 F: 3

Acquired: 1-OCT-10 02:14:07

Total Concentration: 2.21

Unnamed Concentration: 2.209

RT	ml Resp	m2 Resp RA	Resp	Concentration	Name
35:17	3.44e+04	2.71e+04 1.27 y	6.15e+04	0.361	
35:32	9.92e+04	8.07e+04 1.23 y	1.80e+05	1.06	
36:27	7.45e+04	6.05e+04 1.23 y	1.35e+05	0.793	

Totals class: Total Hepta-Furans

Entry #: 46

Run: 24

File: 30SEP10M

S: 19 I: 1 F: 4

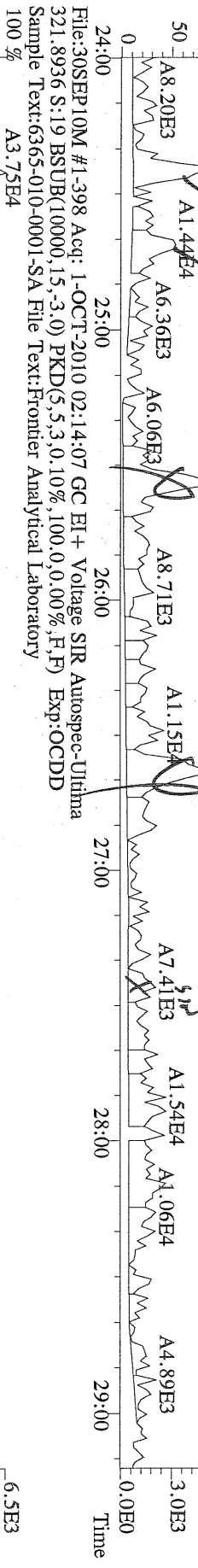
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Total Concentration: 7.30

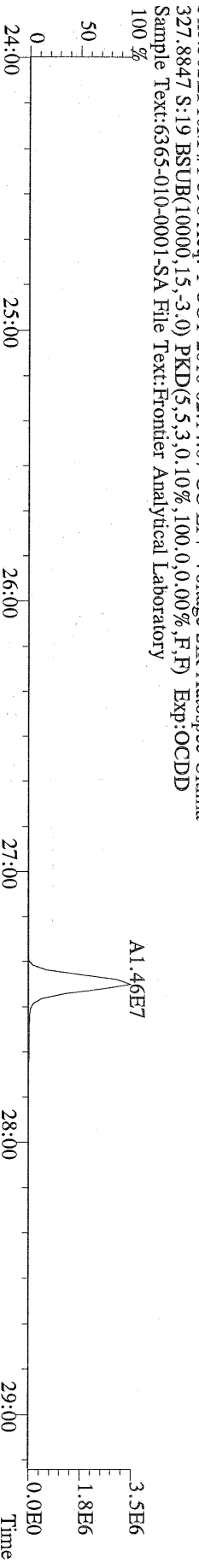
Unnamed Concentration: 4.224

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:20	1.84e+05	1.93e+05	0.95 y	3.76e+05	3.07	1,2,3,4,6,7,8-HpCDF
43:08	2.58e+05	2.51e+05	1.03 y	5.09e+05	4.22	

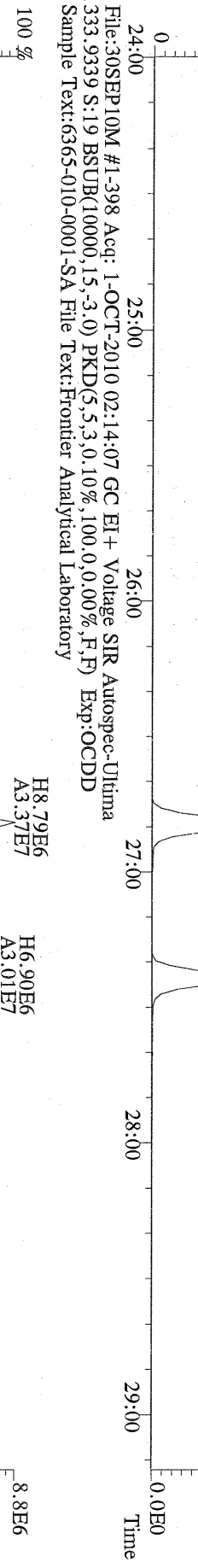
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319.8965 S:19 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory  
100 %



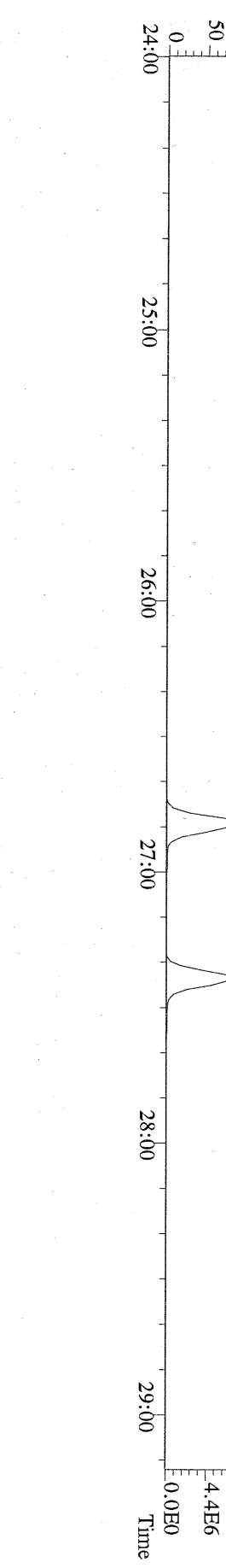
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Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory  
100 %



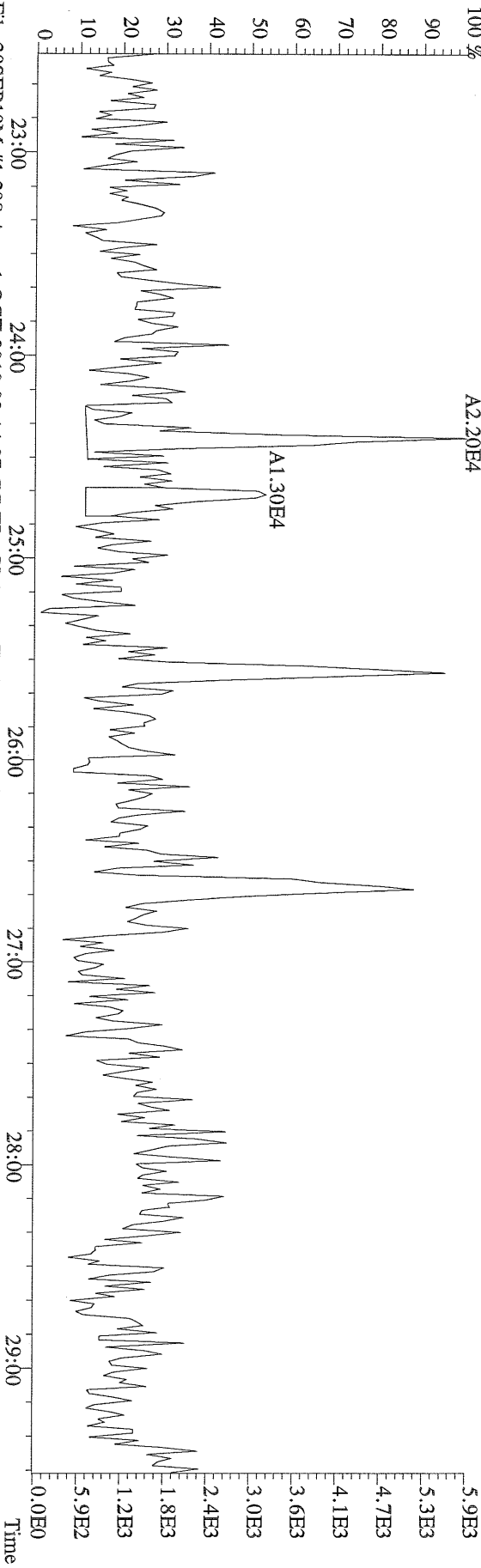
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Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory  
100 %



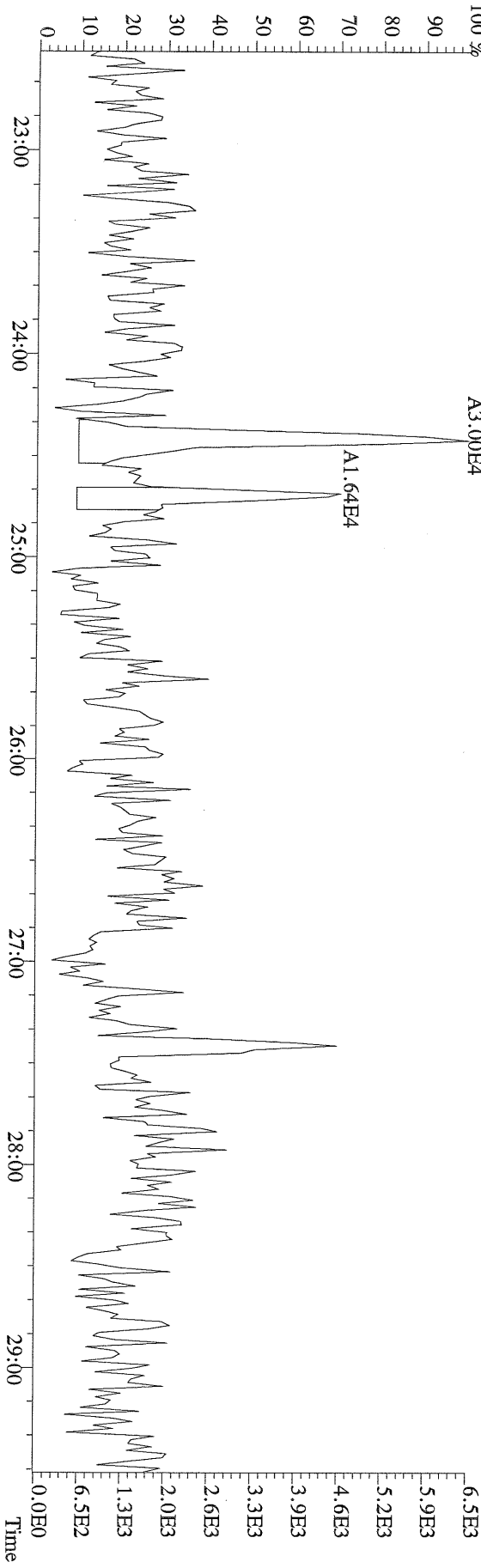
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333.9339 S:19 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
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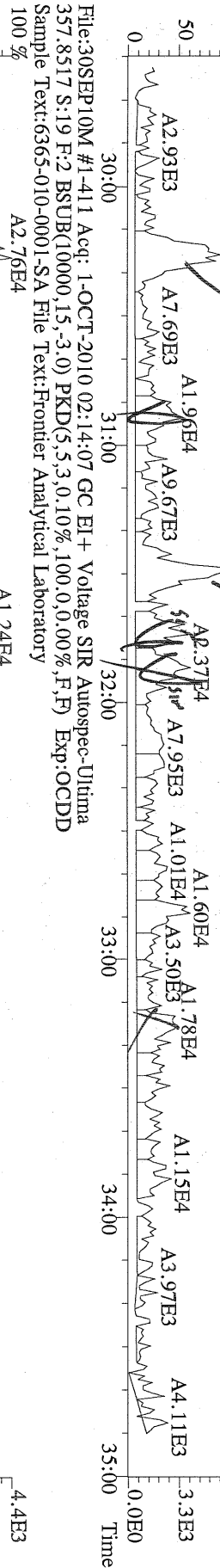
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Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory  
100 %



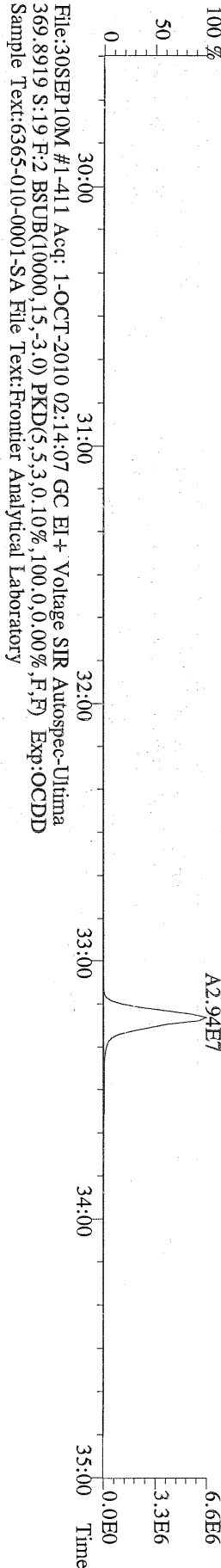
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100 %



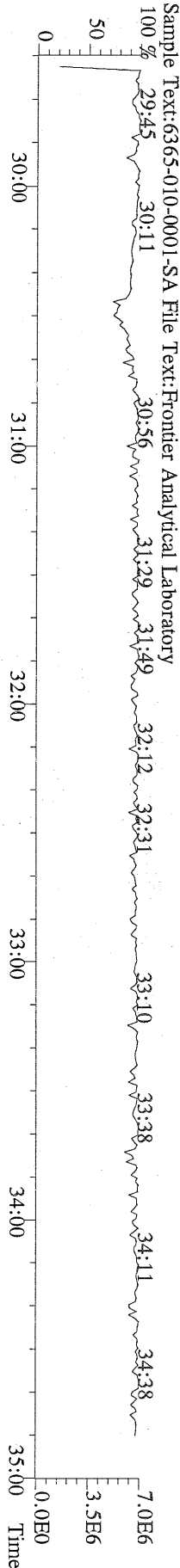
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 355.8546 S:19 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



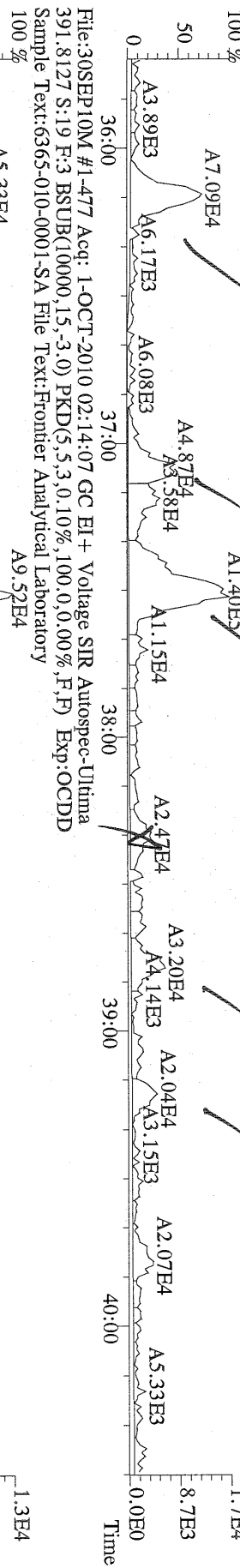
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 367.8949 S:19 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0,00%,F,F) Exp:OCDD  
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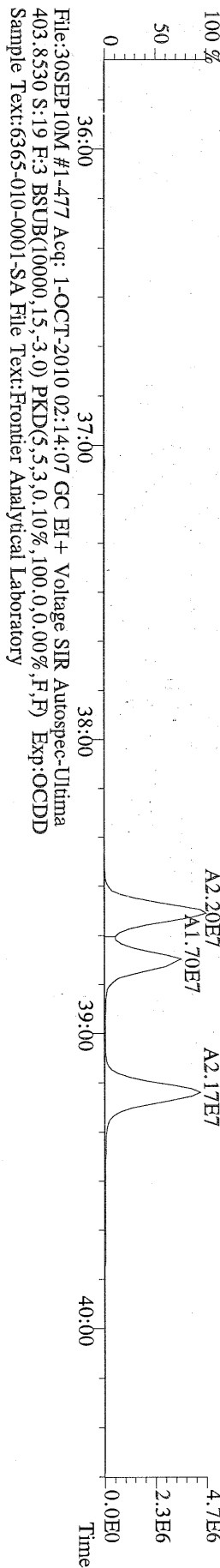
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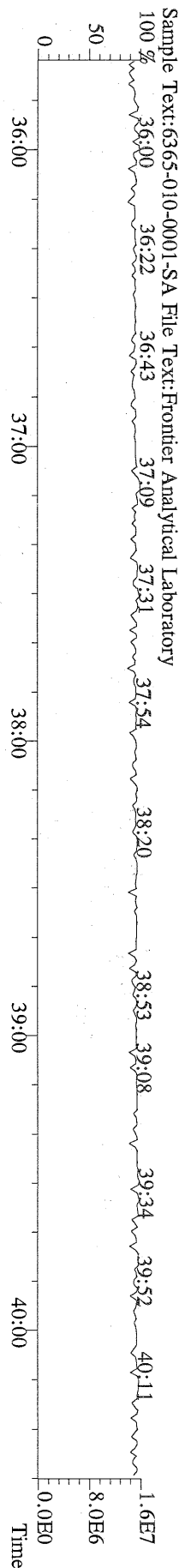
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389.8156 S:19 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



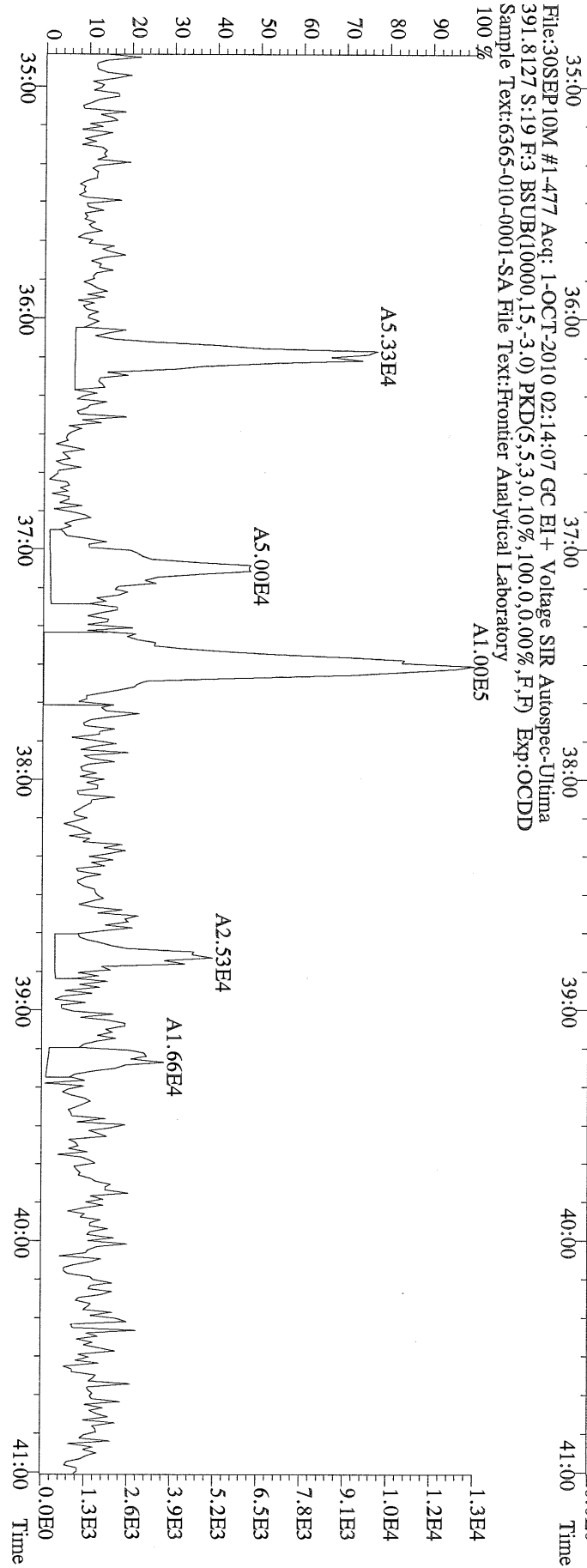
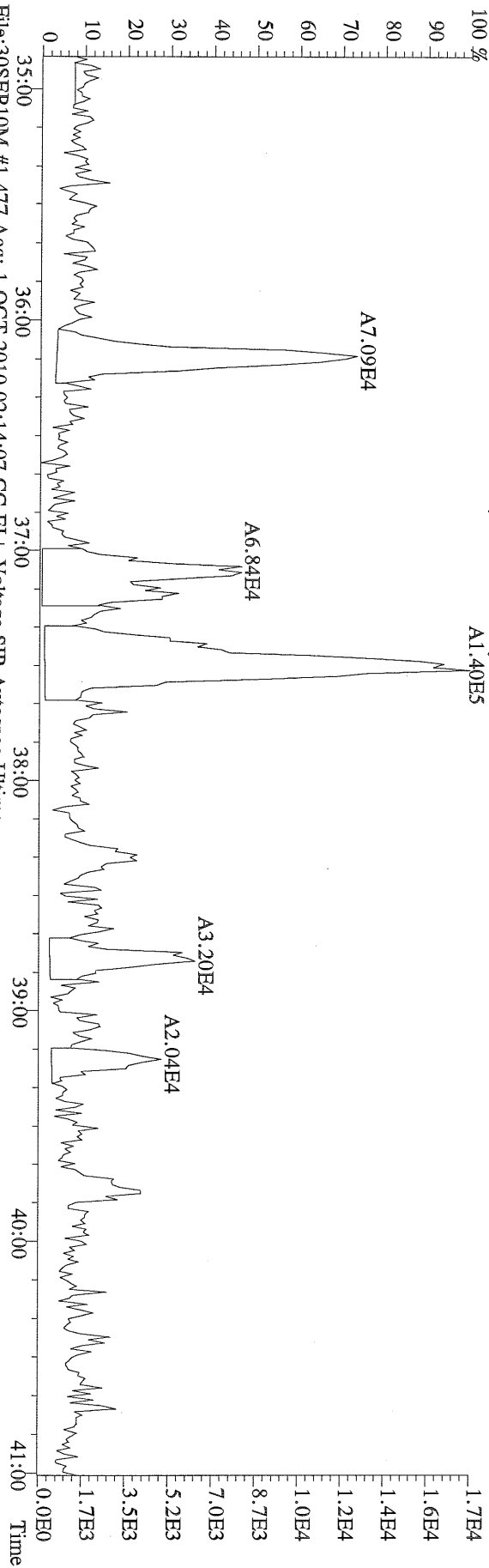
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401.8559 S:19 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



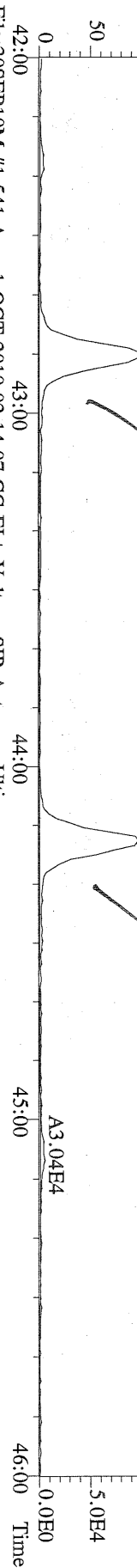
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380.9760 S:19 F:3 Exp:OCDD  
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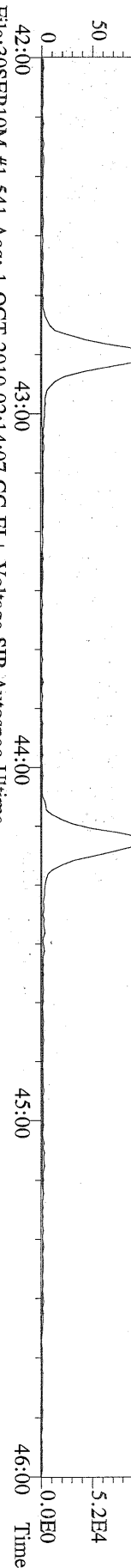
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 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



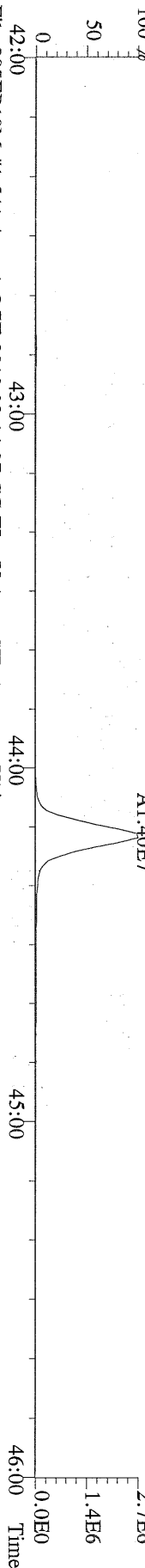
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423.7767 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
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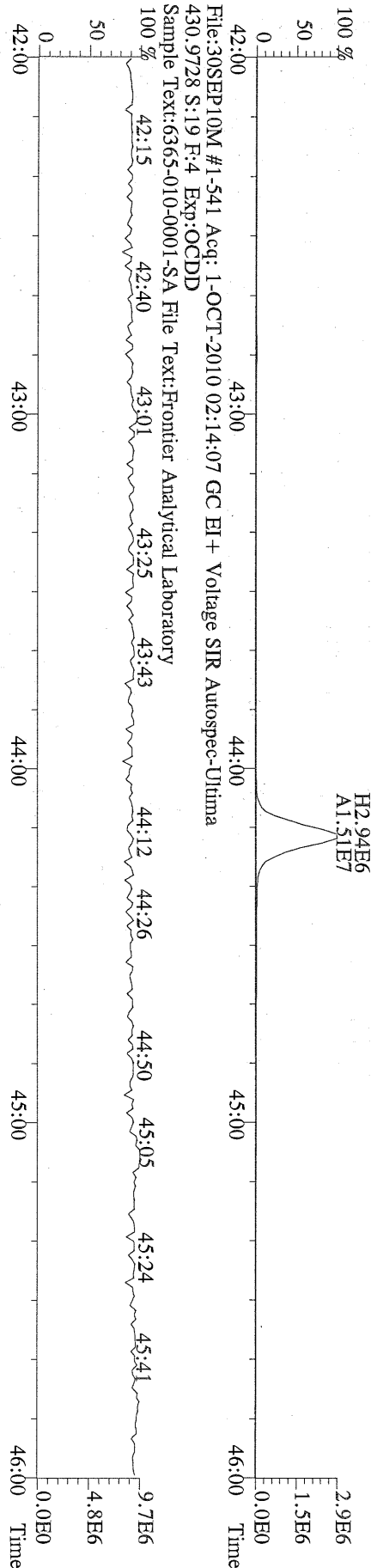
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425.7737 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
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File:30SEBP10M #1-541 Acq: 1-OCT-2010 02:14:07 GC EI + Voltage SIR Autospec-Utima  
435.8169 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
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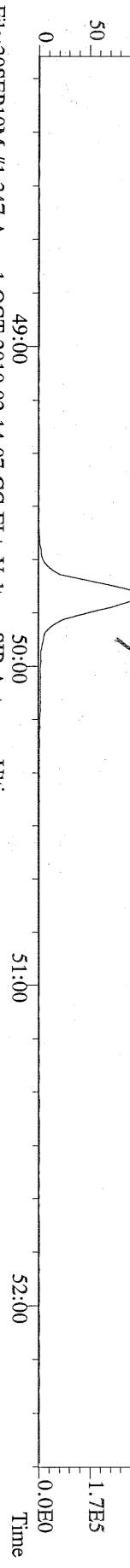
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437.8140 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
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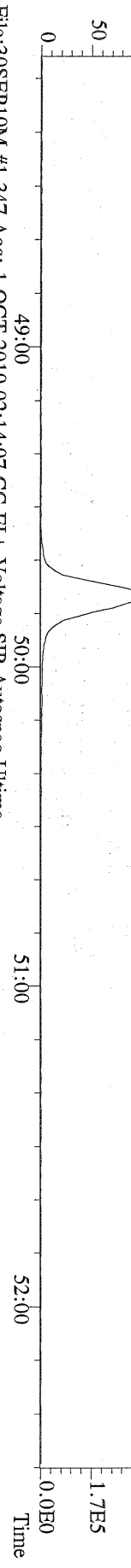
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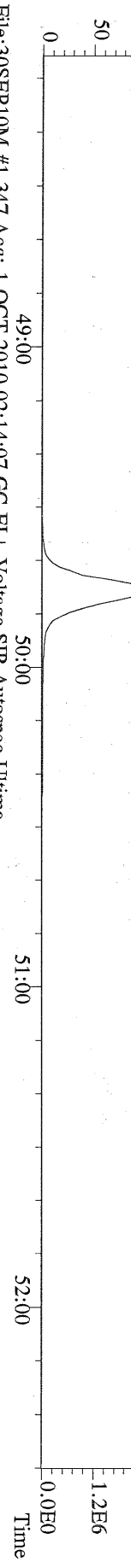
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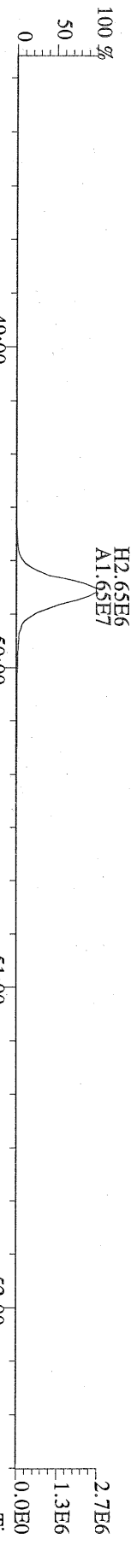
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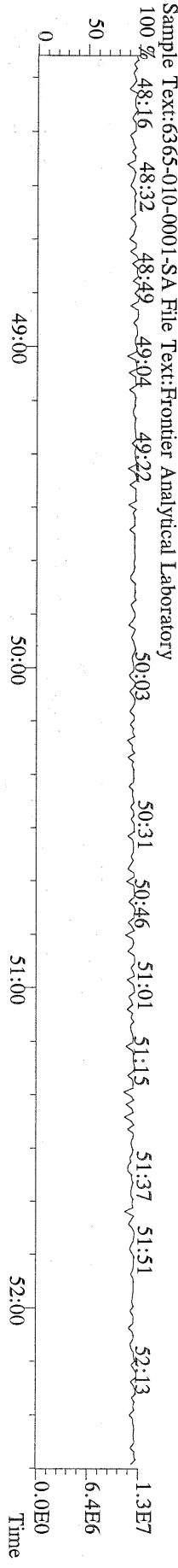
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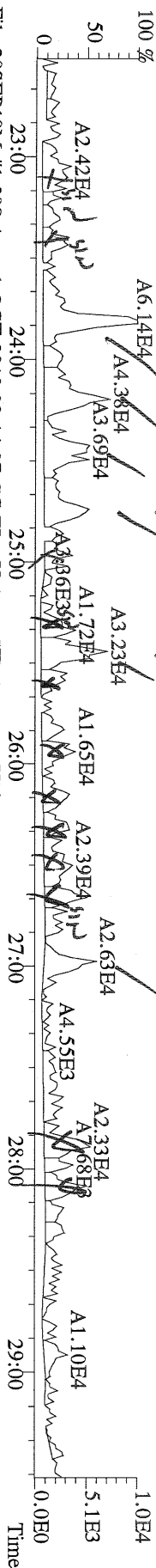
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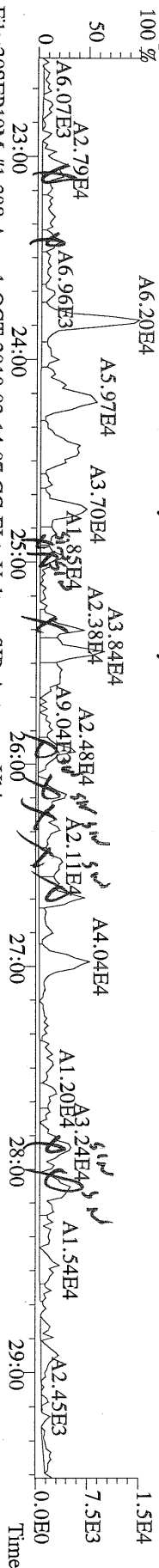
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 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



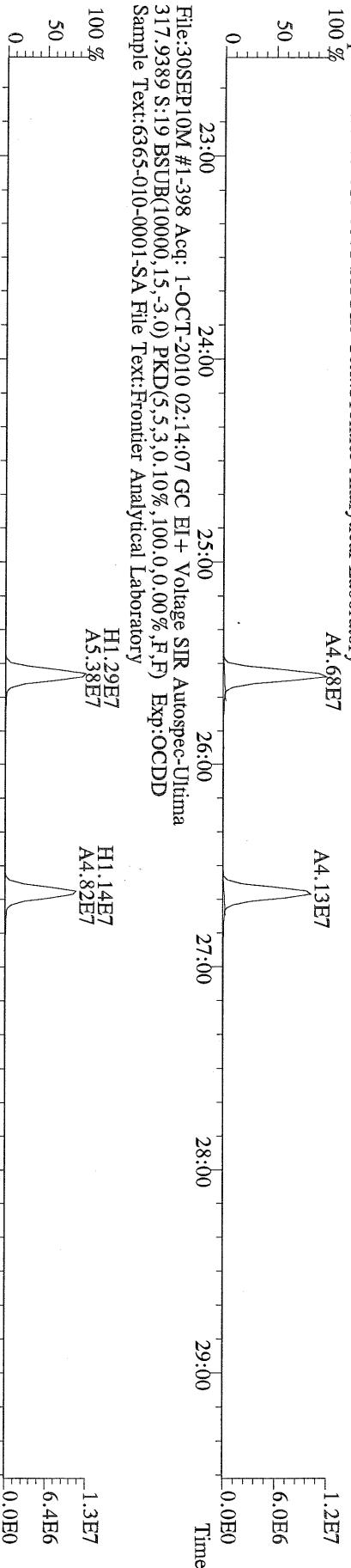
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Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



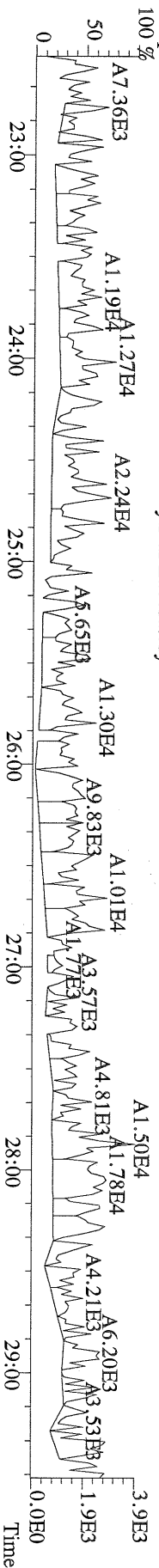
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305.8987 S:19 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



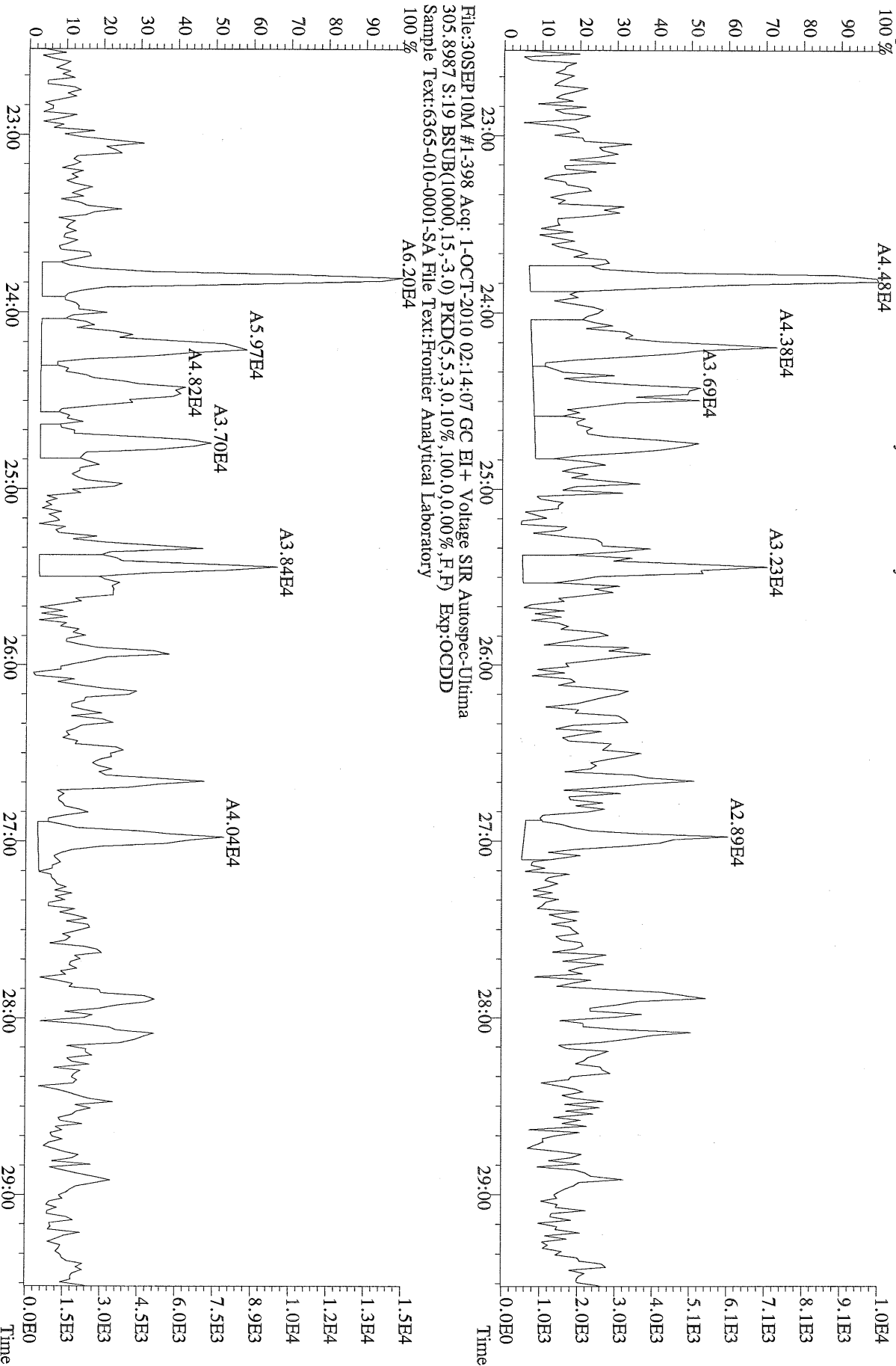
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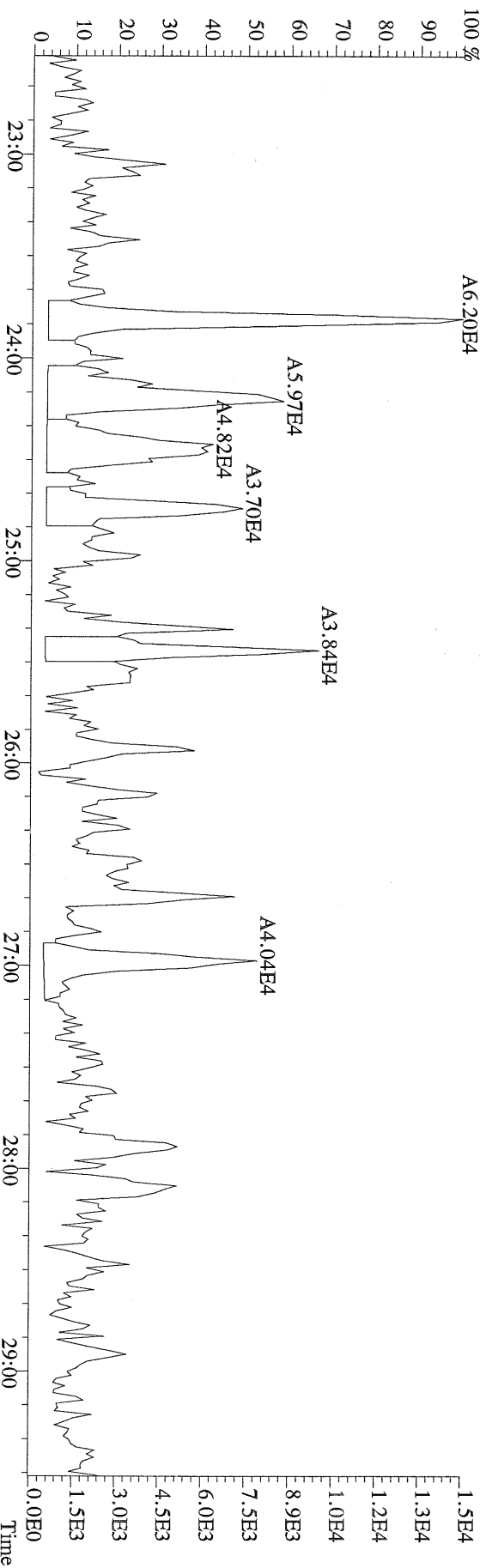
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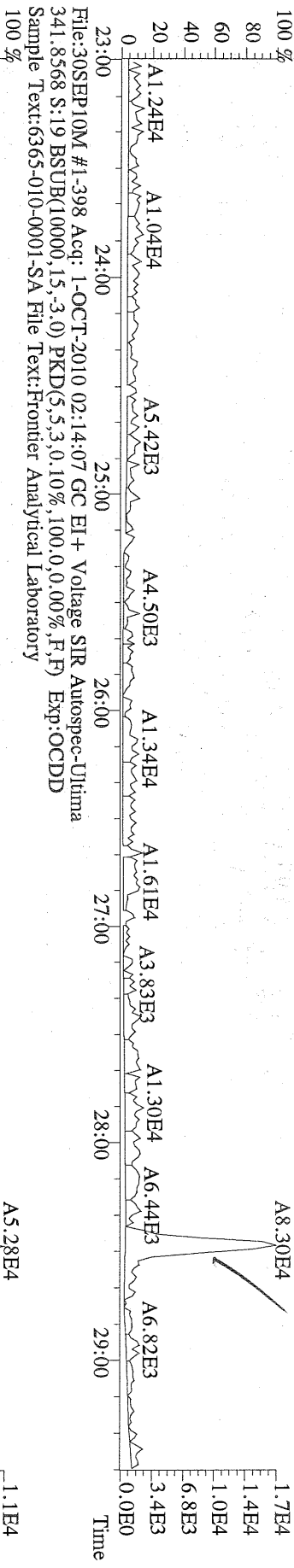
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 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



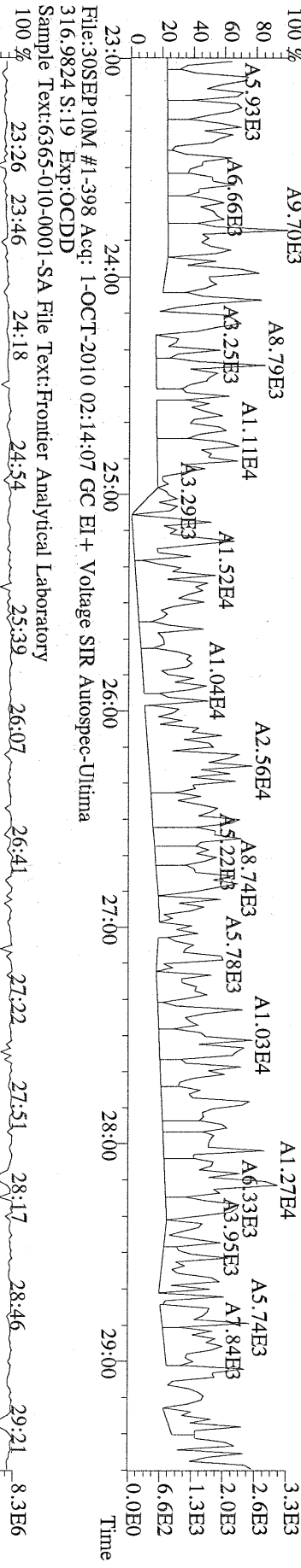
File:30SEP10M #1-398 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Ultima  
 305.8987 S:19 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory  
 100 %



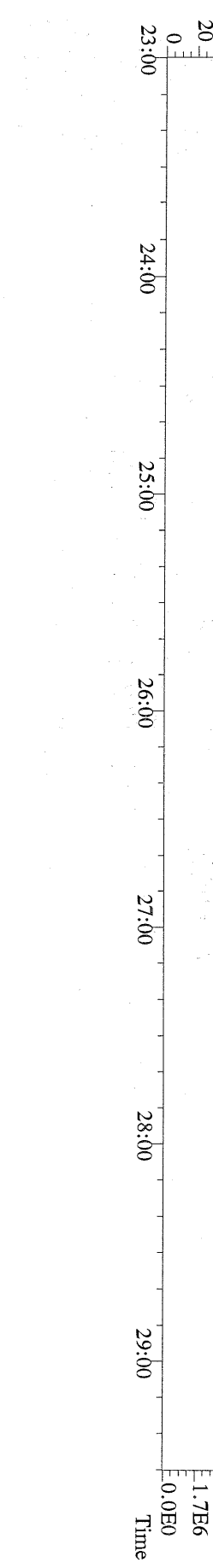
File:30SEP10M #1-398 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Utima  
339.8597 S:19 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



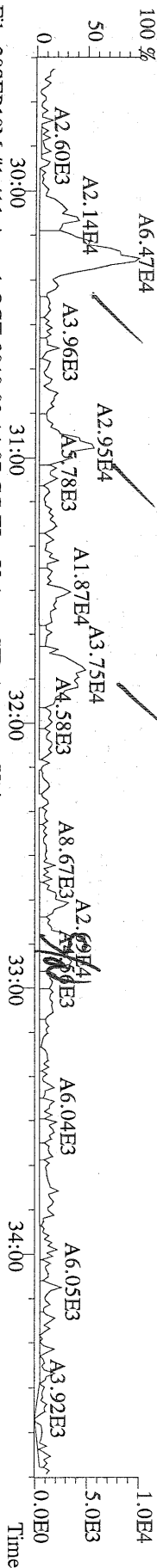
File:30SEP10M #1-398 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Utima  
409.7974 S:19 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



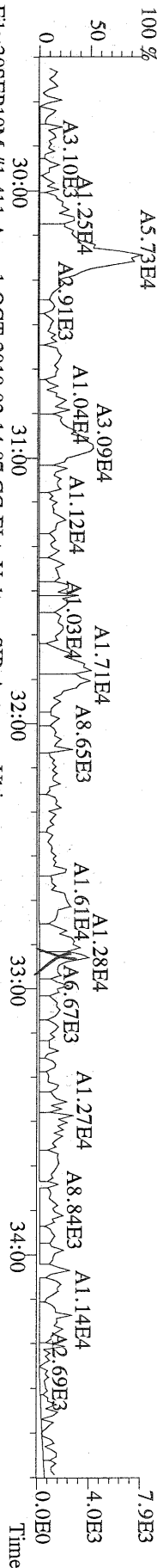
File:30SEP10M #1-398 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Utima  
316.9824 S:19 Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



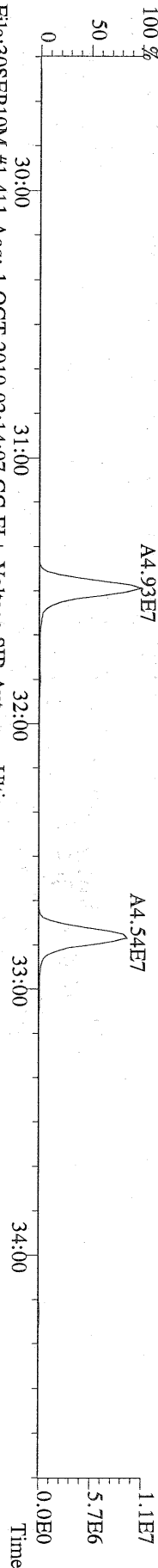
File:30SEP10M #1-411 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Utima  
 339.8597 S:19 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



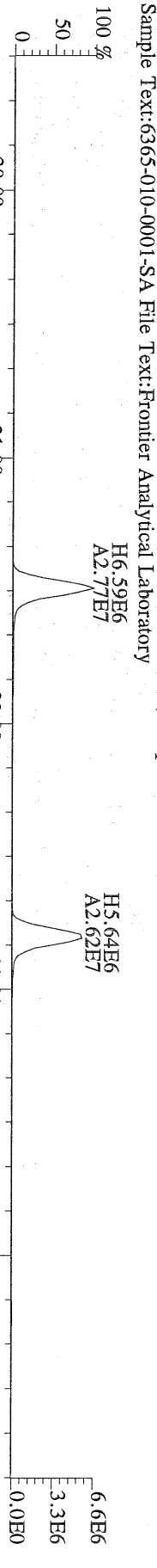
File:30SEP10M #1-411 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Utima  
 341.8568 S:19 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



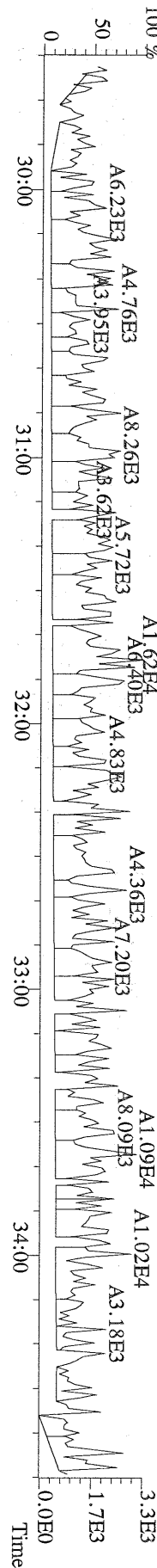
File:30SEP10M #1-411 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Utima  
 351.9000 S:19 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



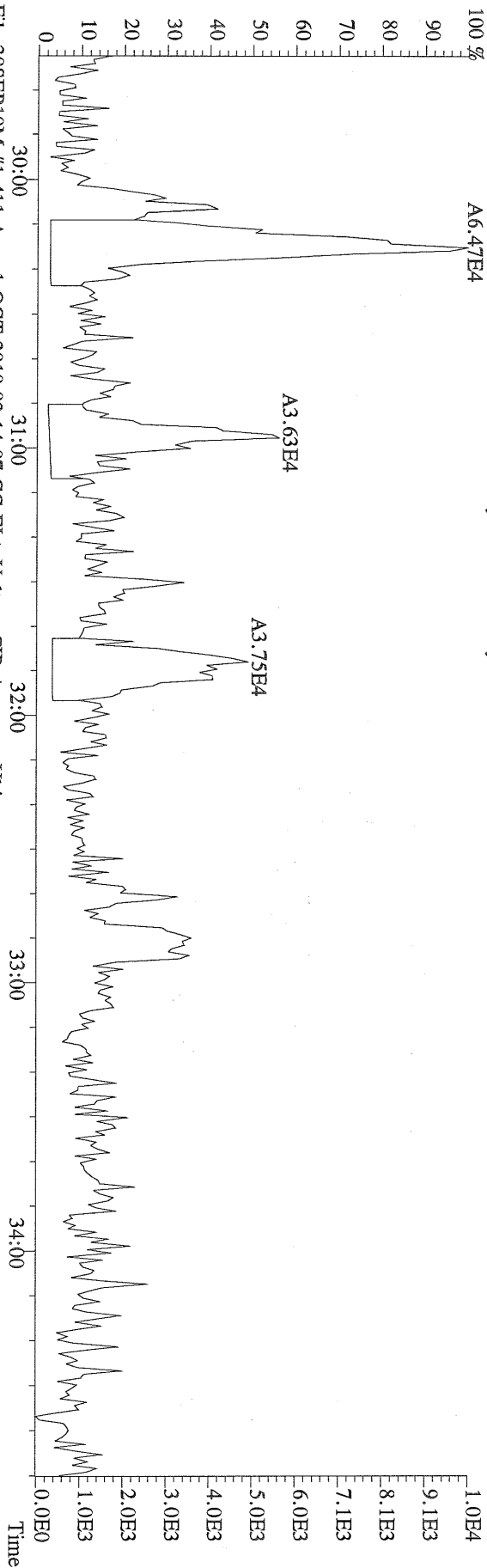
File:30SEP10M #1-411 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Utima  
 353.8970 S:19 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



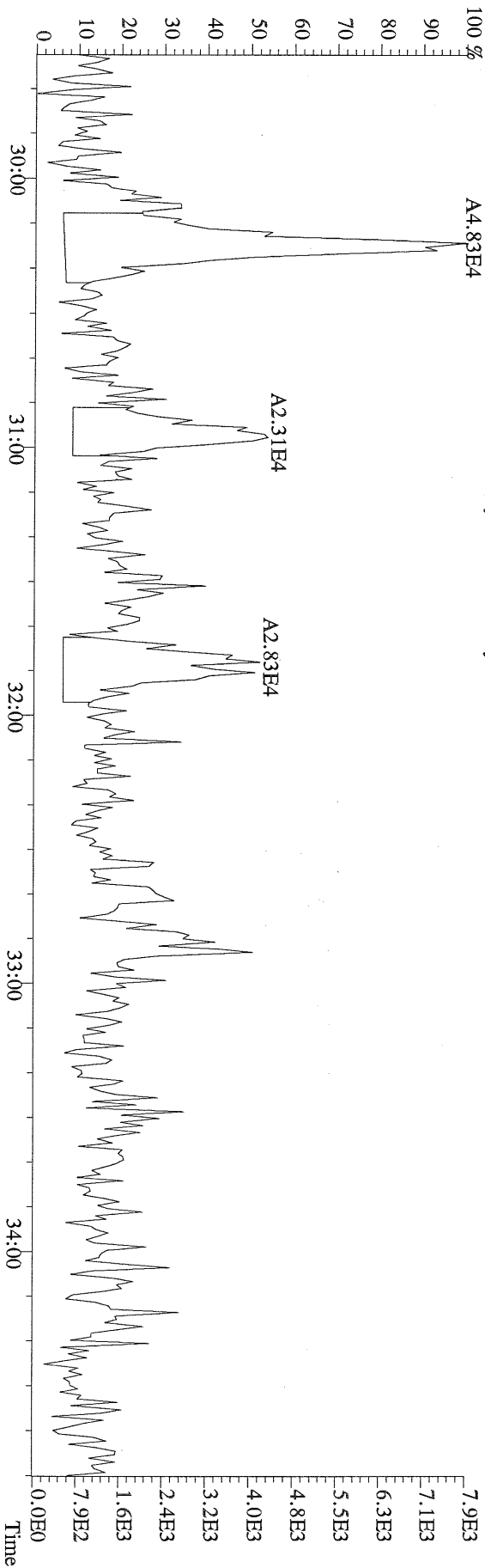
File:30SEP10M #1-411 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Utima  
 409.7974 S:19 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



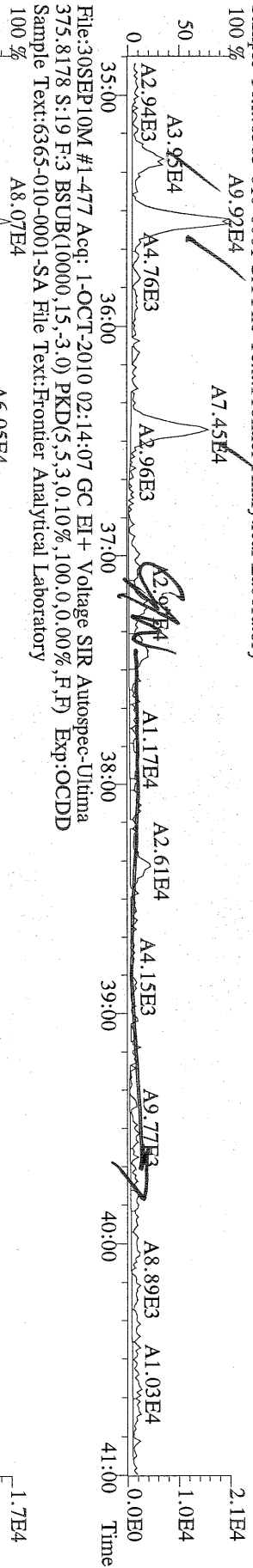
File:30SEP10M #1-411 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Utima  
339.8597 S:19 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00% ,F,F) Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



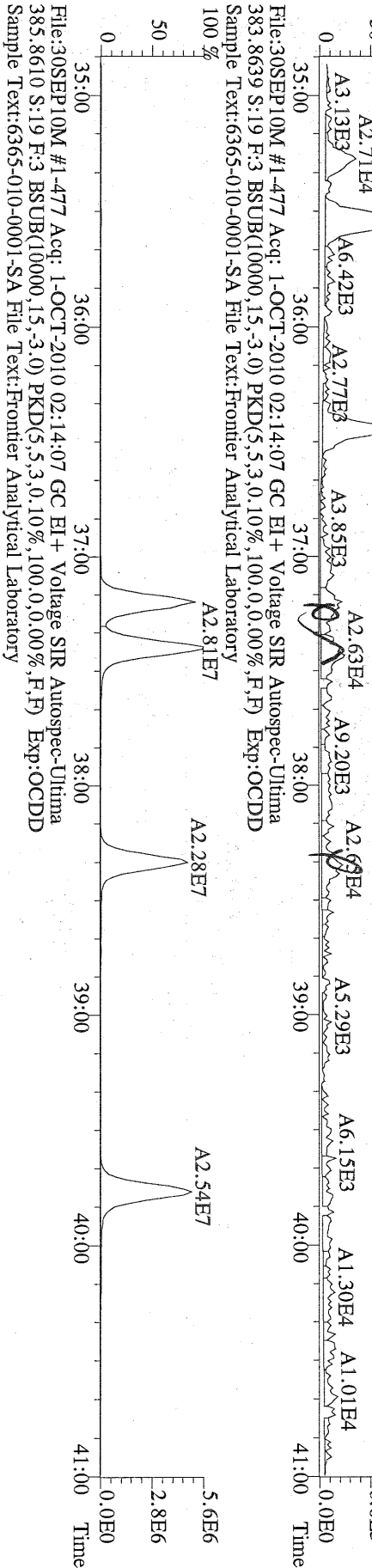
File:30SEP10M #1-411 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Utima  
341.8568 S:19 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00% ,F,F) Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



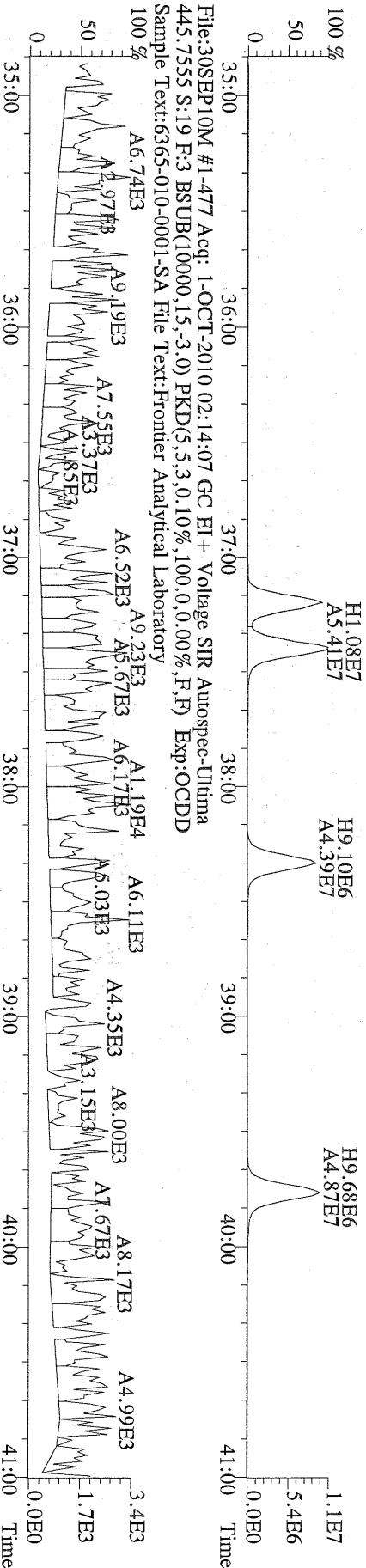
File:30SEPIOM #1-477 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Utima  
373.8207 S:19 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



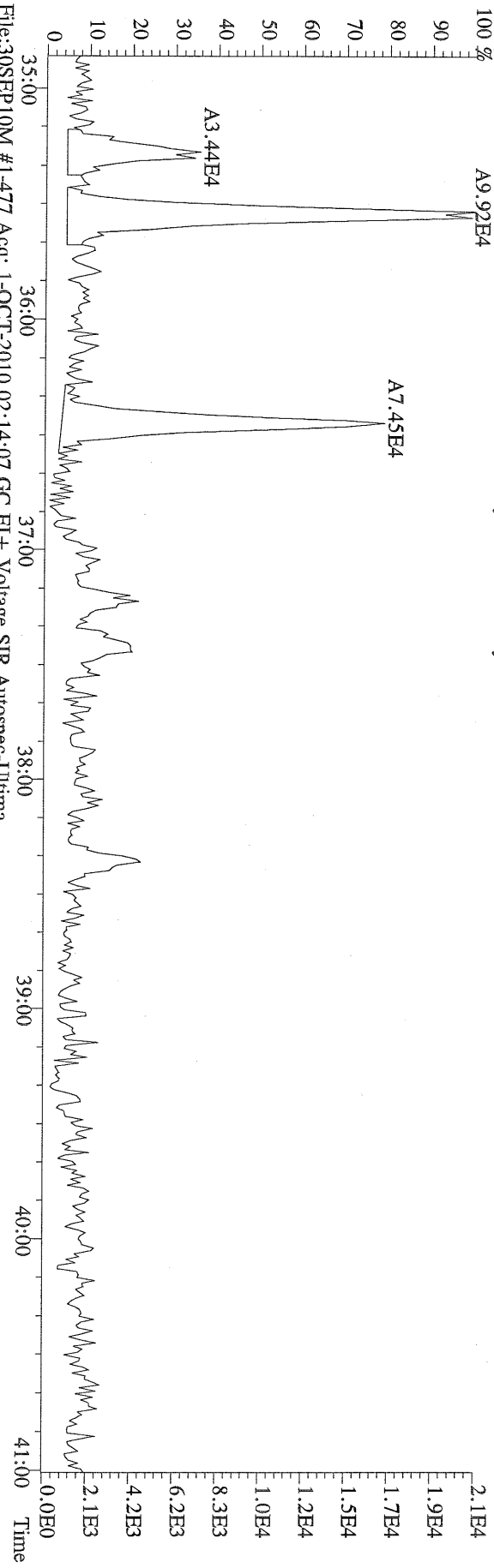
File:30SEPIOM #1-477 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Utima  
383.8639 S:19 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



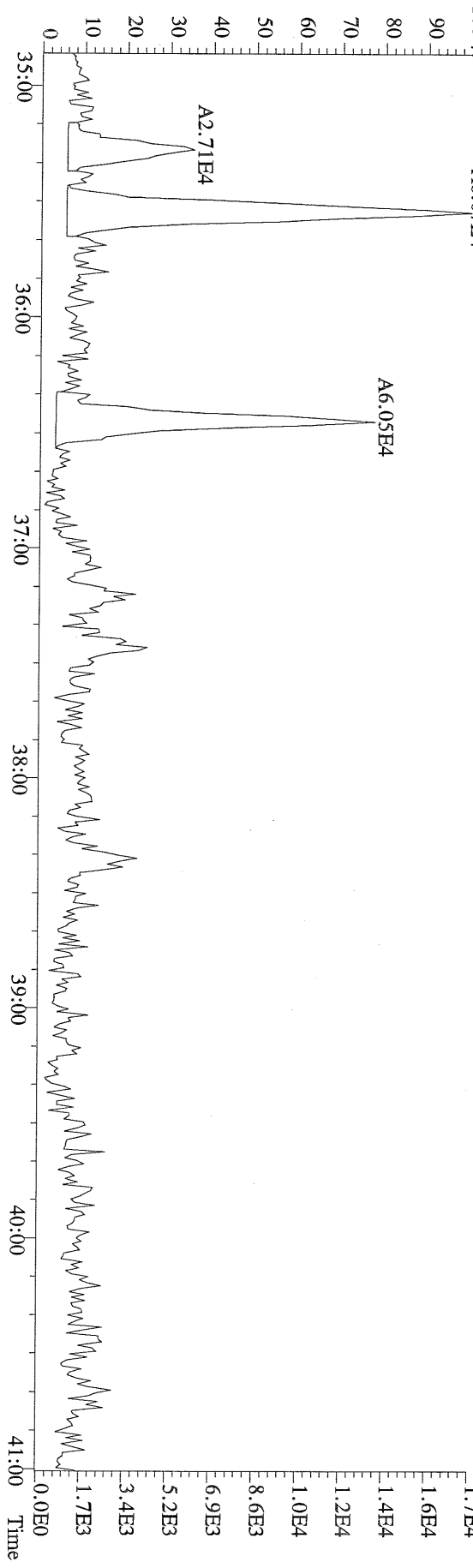
File:30SEPIOM #1-477 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Utima  
445.7555 S:19 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-477 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Ultima  
373.8207 S:19 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory

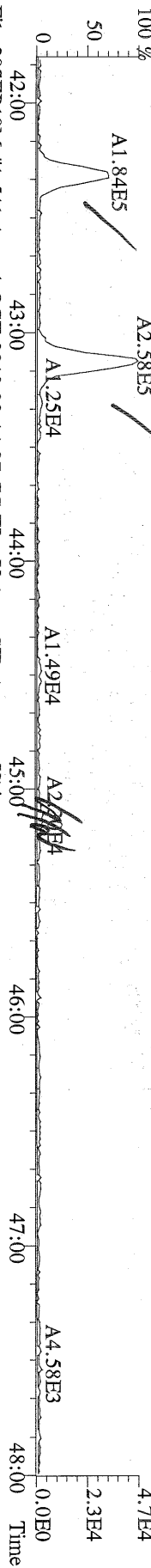


File:30SEP10M #1-477 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Ultima  
375.8178 S:19 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:OCDD  
Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory

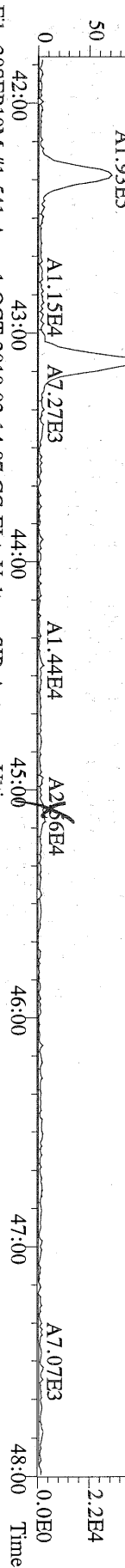




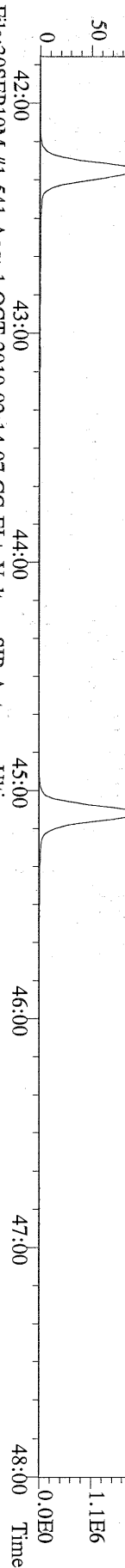
File:30SEP10M #1-541 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Ultima  
 407.7818 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



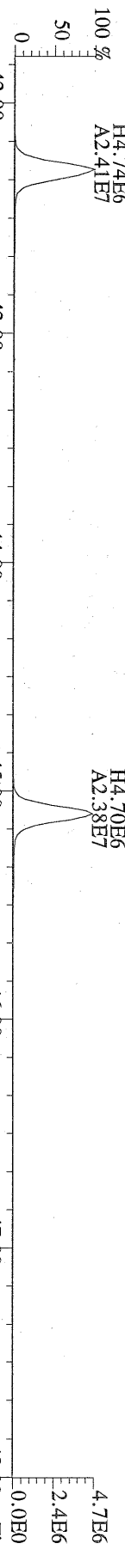
File:30SEP10M #1-541 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Ultima  
 409.7788 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



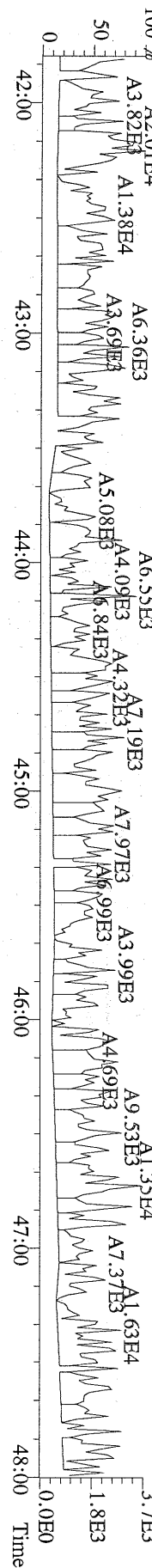
File:30SEP10M #1-541 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Ultima  
 417.8253 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



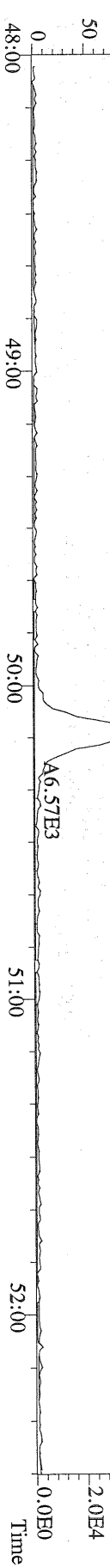
File:30SEP10M #1-541 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Ultima  
 419.8220 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



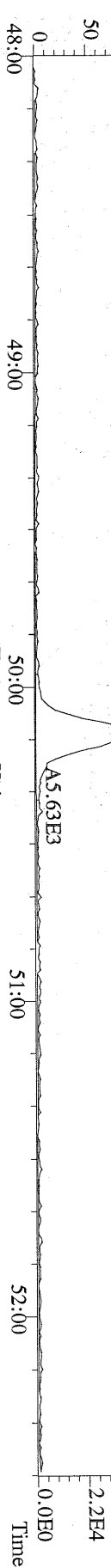
File:30SEP10M #1-541 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Ultima  
 479.7165 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



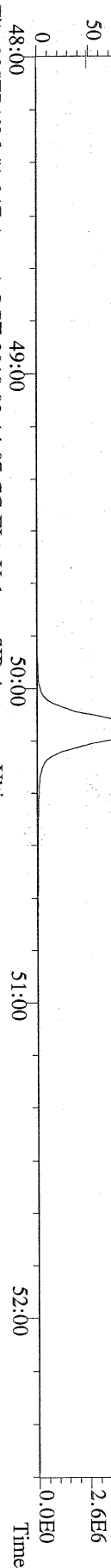
File:30SEP10M #1-347 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Ultima  
 441.7428 S:19 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



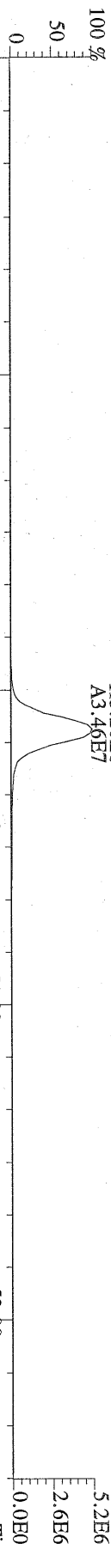
File:30SEP10M #1-347 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Ultima  
 443.7398 S:19 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



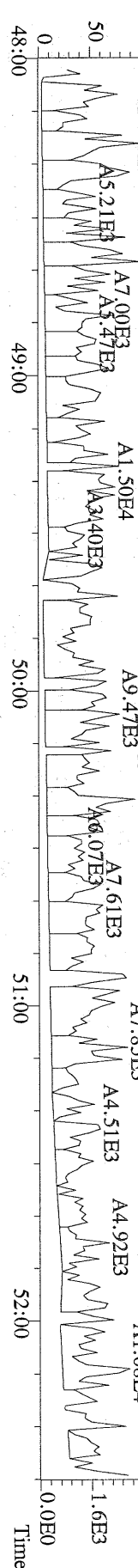
File:30SEP10M #1-347 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Ultima  
 453.7831 S:19 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory




File:30SEP10M #1-347 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Ultima  
 455.7801 S:19 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-347 Acq: 1-OCT-2010 02:14:07 GC EI+ Voltage SIR Autospec-Ultima  
 513.6775 S:19 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-010-0001-SA File Text:Frontier Analytical Laboratory



Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	#Hom	
2,3,7,8-TCDD	*	* n	NotFnd	1.11	*		2.50	1140	1590	0.243	
1,2,3,7,8-PeCDD	5.19e+04	1.65 y	33:15	1.10	0.526	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDD	1.32e+05	1.14 y	38:37	1.37	1.25	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDD	2.50e+05	1.32 y	38:47	1.37	3.01	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDD	1.88e+05	1.35 y	39:14	1.36	2.00	J	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	4.92e+06	0.97 y	44:13	1.45	59.0		2.50	-	-	*	
OCDD	2.13e+07	0.97 y	49:48	1.43	457		2.50	-	-	*	
2,3,7,8-TCDF	1.69e+05	0.75 y	26:39	1.50	0.623	J	2.50	-	-	*	
1,2,3,7,8-PeCDF	7.23e+04	1.59 y	31:30	0.94	0.528	J	2.50	-	-	*	
2,3,4,7,8-PeCDF	9.28e+04	1.33 y	32:49	0.94	0.724	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDF	1.81e+05	1.18 y	37:12	0.93	1.38	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDF	1.28e+05	1.15 y	37:25	0.82	0.956	J	2.50	-	-	*	
2,3,4,6,7,8-HxCDF	1.30e+05	1.29 y	38:21	0.92	1.09	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDF	*	* n	NotFnd	1.00	*		2.50	1640	2080	0.343	
1,2,3,4,6,7,8-HpCDF	1.31e+06	1.04 y	42:18	1.39	13.7		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	9.51e+04	1.13 y	45:07	1.36	1.13	J	2.50	-	-	*	
OCDF	1.85e+06	0.90 y	50:09	0.79	34.9		2.50	-	-	*	
Rec											
13C-2,3,7,8-TCDD	4.13e+07	0.80 y	27:23	1.02	343					86.0	
13C-1,2,3,7,8-PeCDD	3.57e+07	1.77 y	33:13	0.84	360					90.4	
13C-1,2,3,4,7,8-HxCDD	3.08e+07	1.26 y	38:35	1.07	356					89.4	
13C-1,2,3,6,7,8-HxCDD	2.41e+07	1.26 y	38:45	1.01	296					74.4	
13C-1,2,3,4,6,7,8-HpCDD	2.29e+07	0.94 y	44:11	0.86	333					83.5	
13C-OCDD	2.59e+07	0.95 y	49:45	0.55	590					74.1	
13C-2,3,7,8-TCDF	7.20e+07	0.88 y	26:38	0.99	358					89.9	
13C-1,2,3,7,8-PeCDF	5.79e+07	1.73 y	31:29	0.84	342					85.8	
13C-2,3,4,7,8-PeCDF	5.45e+07	1.74 y	32:48	0.81	332					83.4	
13C-1,2,3,4,7,8-HxCDF	5.61e+07	0.52 y	37:11	1.85	377					94.6	
13C-1,2,3,6,7,8-HxCDF	6.52e+07	0.52 y	37:24	2.54	320					80.3	
13C-2,3,4,6,7,8-HxCDF	5.20e+07	0.51 y	38:20	2.01	321					80.6	
13C-1,2,3,7,8,9-HxCDF	5.74e+07	0.52 y	39:46	2.03	351					88.2	
13C-1,2,3,4,6,7,8-HpCDF	2.74e+07	0.45 y	42:18	1.11	307					77.0	
13C-1,2,3,4,7,8,9-HpCDF	2.47e+07	0.44 y	45:06	0.80	382					95.9	
13C-OCDF	5.37e+07	0.99 y	50:08	1.08	617					77.5	
37Cl-2,3,7,8-TCDD	1.11e+07		27:24	0.69	137					86.2	
13C-1,2,3,4-TCDD	4.69e+07	0.80 y	26:50	-	20.8						
13C-1,2,3,4-TCDF	8.05e+07	0.87 y	25:34	-	22.2						
13C-1,2,3,7,8,9-HxCDD	3.20e+07	1.25 y	39:12	-	23.1						
Total Tetra-Dioxins	3.21e+05		24:25	1.11	2.79		2.50	-	-	*	2
Total Penta-Dioxins	7.24e+05		30:16	1.10	7.34		2.50	-	-	*	8
Total Hexa-Dioxins	2.06e+06		36:09	1.37	22.1		2.50	-	-	*	7
Total Hepta-Dioxins	8.79e+06		42:50	1.45	105		2.50	-	-	*	2
Total Tetra-Furans	3.27e+06		23:03	1.50	12.0		2.50	-	-	*	19
1st Fn. Tot Penta-Furans	4.17e+05		28:28	0.94	3.15		2.50	-	-	*	PeCDF 1
Total Penta-Furans	1.17e+06		30:05	0.94	8.83		2.50	-	-	*	12.0 8
Total Hexa-Furans	2.29e+06		35:16	0.91	17.5		2.50	-	-	*	8
Total Hepta-Furans	3.54e+06		42:18	1.38	38.6		2.50	-	-	*	4

Analyst: 

Date: 10/1/10

Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 25

File: 30SEP10M

S: 20 I: 1 F: 1

Acquired: 1-OCT-10 03:09:26

Total Concentration: 2.79

Unnamed Concentration: 2.785

RT	ml Resp	m2 Resp RA	Resp	Concentration	Name
24:25	9.09e+04	1.03e+05 0.88 y	1.94e+05	1.68	
24:42	5.82e+04	6.91e+04 0.84 y	1.27e+05	1.10	

Totals class: Total Penta-Dioxins

Entry #: 39

Run: 25

File: 30SEP10M

S: 20 I: 1 F: 2

Acquired: 1-OCT-10 03:09:26

Total Concentration: 7.34

Unnamed Concentration: 6.811

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:16	1.24e+05	8.07e+04	1.54 y	2.05e+05	2.07	
30:52	2.32e+04	1.62e+04	1.43 y	3.94e+04	0.399	
31:30	7.61e+04	5.24e+04	1.45 y	1.28e+05	1.30	
31:44	3.98e+04	2.75e+04	1.45 y	6.72e+04	0.681	
31:52	6.32e+04	3.83e+04	1.65 y	1.02e+05	1.03	
32:09	4.95e+04	3.31e+04	1.50 y	8.26e+04	0.837	
32:39	2.84e+04	1.99e+04	1.43 y	4.83e+04	0.489	
33:15	3.23e+04	1.96e+04	1.65 y	5.19e+04	0.526	1,2,3,7,8-PeCDD

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 25

File: 30SEP10M

S: 20 I: 1 F: 3

Acquired: 1-OCT-10 03:09:26

Total Concentration: 22.1

Unnamed Concentration: 15.813

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:09	2.31e+05	1.73e+05	1.34 y	4.04e+05	4.28	
37:05	1.72e+05	1.24e+05	1.39 y	2.96e+05	3.14	
37:31	4.14e+05	3.25e+05	1.28 y	7.39e+05	7.84	
38:37	7.05e+04	6.19e+04	1.14 y	1.32e+05	1.25	1,2,3,4,7,8-HxCDD
38:47	1.43e+05	1.08e+05	1.32 y	2.50e+05	3.01	1,2,3,6,7,8-HxCDD
39:04	2.95e+04	2.25e+04	1.31 y	5.20e+04	0.551	
39:14	1.08e+05	7.97e+04	1.35 y	1.88e+05	2.00	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 25

File: 30SEP10M

S: 20 I: 1 F: 4

Acquired: 1-OCT-10 03:09:26

Total Concentration: 105

Unnamed Concentration: 46.360

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:50	1.88e+06	1.99e+06	0.95 y	3.87e+06	46.4	
44:13	2.42e+06	2.50e+06	0.97 y	4.92e+06	59.0	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 25

File: 30SEP10M

S: 20 I: 1 F: 1

Acquired: 1-OCT-10 03:09:26

Total Concentration: 12.0

Unnamed Concentration: 11.412

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:03	4.47e+04	6.57e+04	0.68 y	1.10e+05	0.407	
23:26	4.33e+04	5.92e+04	0.73 y	1.02e+05	0.378	
23:49	1.36e+05	1.95e+05	0.70 y	3.31e+05	1.22	
24:11	1.43e+05	2.11e+05	0.68 y	3.54e+05	1.30	
24:27	9.79e+04	1.43e+05	0.68 y	2.41e+05	0.889	
24:44	6.82e+04	9.56e+04	0.71 y	1.64e+05	0.604	
24:51	3.21e+04	4.83e+04	0.67 y	8.04e+04	0.296	
24:58	4.66e+04	6.57e+04	0.71 y	1.12e+05	0.414	
25:20	7.79e+04	1.17e+05	0.67 y	1.94e+05	0.717	
25:26	9.28e+04	1.39e+05	0.67 y	2.32e+05	0.853	
25:34	5.92e+04	9.03e+04	0.66 y	1.50e+05	0.551	
25:55	8.38e+04	1.22e+05	0.69 y	2.05e+05	0.757	
26:09	3.90e+04	5.95e+04	0.66 y	9.85e+04	0.363	
26:17	3.29e+04	4.95e+04	0.67 y	8.24e+04	0.304	
26:28	6.10e+04	9.04e+04	0.68 y	1.51e+05	0.558	
26:39	7.26e+04	9.64e+04	0.75 y	1.69e+05	0.623	2,3,7,8-TCDF
26:59	1.17e+05	1.74e+05	0.67 y	2.90e+05	1.07	
27:54	4.77e+04	6.97e+04	0.68 y	1.17e+05	0.432	
28:06	3.39e+04	4.62e+04	0.74 y	8.01e+04	0.295	



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

Run: 25      File: 30SEP10M      S: 20 I: 1 F: 1  
Acquired: 1-OCT-10 03:09:26

Total Concentration: 3.15      Unnamed Concentration: 3.147

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:28	2.43e+05	1.74e+05	1.40 y	4.17e+05	3.15	

Totals class: Total Penta-Furans

Entry #: 44

Run: 25

File: 30SEP10M

S: 20 I: 1 F: 2

Acquired: 1-OCT-10 03:09:26

Total Concentration: 8.83

Unnamed Concentration: 7.582

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:05	9.09e+04	6.59e+04	1.38 y	1.57e+05	1.18	
30:15	2.42e+05	1.53e+05	1.58 y	3.96e+05	2.99	
30:57	9.03e+04	6.59e+04	1.37 y	1.56e+05	1.18	
31:30	4.44e+04	2.79e+04	1.59 y	7.23e+04	0.528	1,2,3,7,8-PeCDF
31:48	1.00e+05	6.86e+04	1.46 y	1.69e+05	1.27	
32:40	4.41e+04	3.25e+04	1.36 y	7.66e+04	0.578	
32:49	5.30e+04	3.98e+04	1.33 y	9.28e+04	0.724	2,3,4,7,8-PeCDF
32:53	3.03e+04	2.09e+04	1.45 y	5.11e+04	0.386	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 25

File: 30SEP10M

S: 20 I: 1 F: 3

Acquired: 1-OCT-10 03:09:26

Total Concentration: 17.5

Unnamed Concentration: 14.054

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:16	1.30e+05	1.01e+05	1.29 y	2.31e+05	1.75	
35:33	4.40e+05	3.55e+05	1.24 y	7.95e+05	6.03	
36:26	3.69e+05	2.97e+05	1.24 y	6.66e+05	5.05	
37:04	2.90e+04	2.53e+04	1.15 y	5.43e+04	0.412	
37:12	9.79e+04	8.28e+04	1.18 y	1.81e+05	1.38	1,2,3,4,7,8-HxCDF
37:25	6.88e+04	5.96e+04	1.15 y	1.28e+05	0.956	1,2,3,6,7,8-HxCDF
38:06	5.58e+04	5.00e+04	1.12 y	1.06e+05	0.803	
38:21	7.35e+04	5.68e+04	1.29 y	1.30e+05	1.09	2,3,4,6,7,8-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 25

File: 30SEP10M

S: 20 I: 1 F: 4

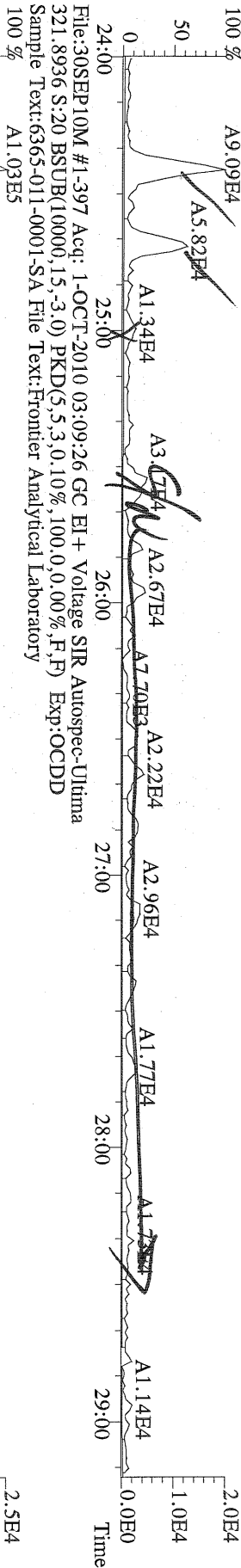
Acquired: 1-OCT-10 03:09:26

Total Concentration: 38.6

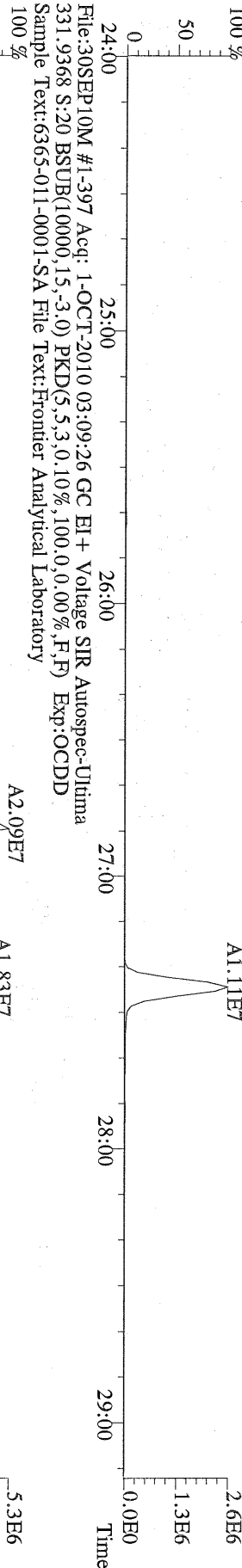
Unnamed Concentration: 23.759

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:18	6.69e+05	6.42e+05	1.04 y	1.31e+06	13.7	1,2,3,4,6,7,8-HpCDF
42:51	2.70e+04	2.59e+04	1.04 y	5.29e+04	0.588	
43:08	1.06e+06	1.02e+06	1.04 y	2.08e+06	23.2	
45:07	5.05e+04	4.46e+04	1.13 y	9.51e+04	1.13	1,2,3,4,7,8,9-HpCDF

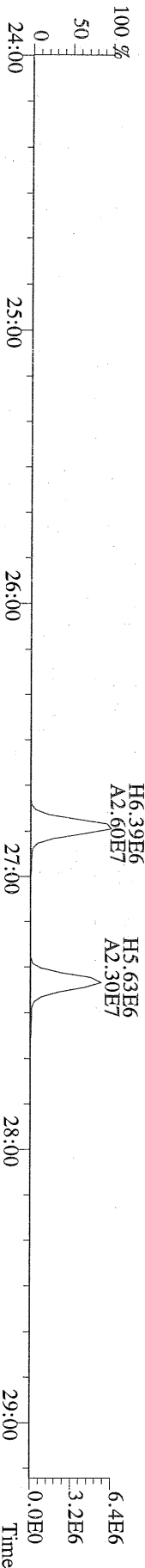
File:30SEP10M #1-397 Acq: 1-OCT-2010 03:09:26 GC EI + Voltage SIR Autospec-Utima  
319.8965 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



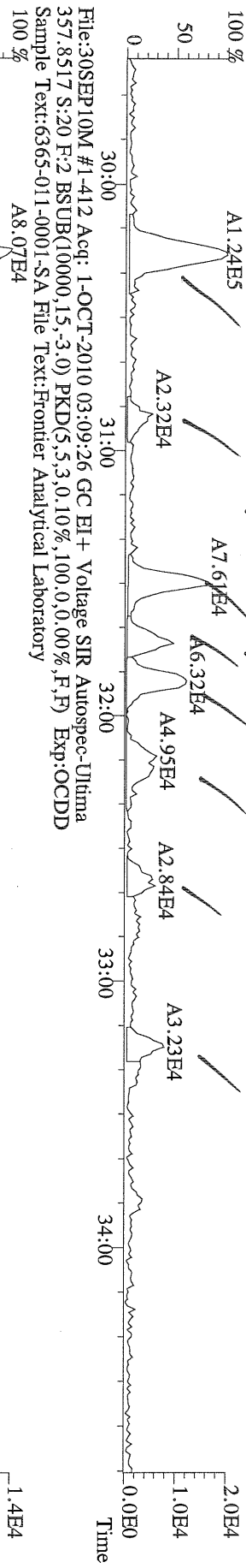
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321.8936 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



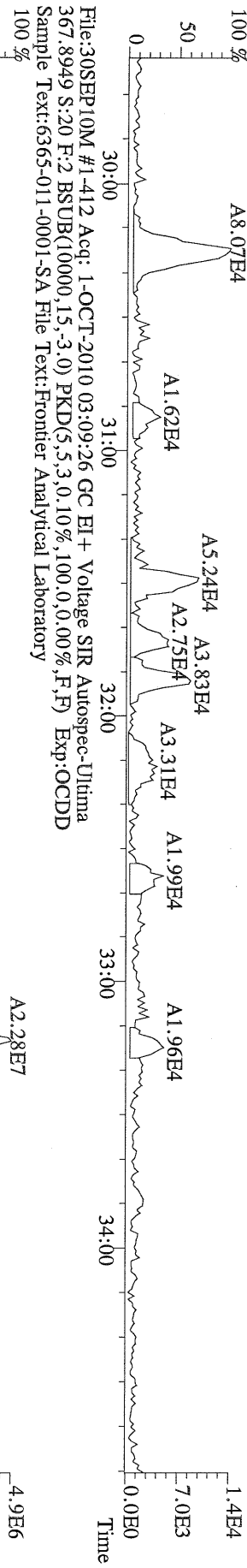
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331.9368 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



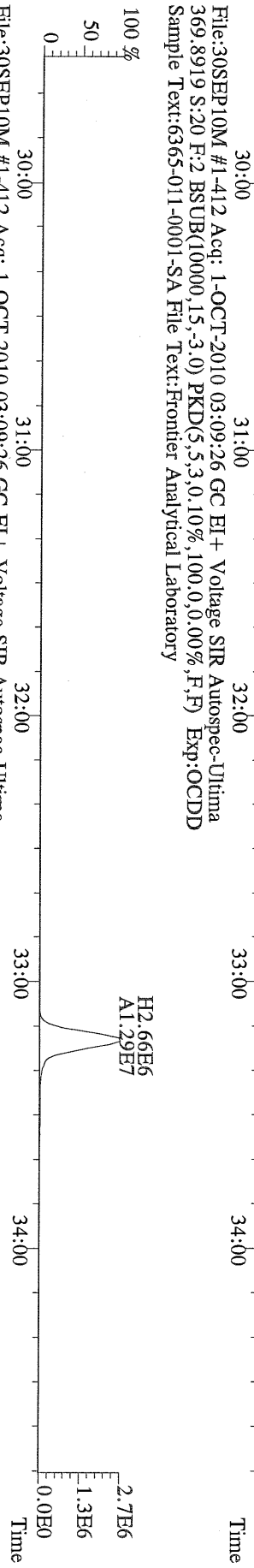
File:30SEP10M #1-412 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Ultima  
355.8546 S:20 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0,0,0) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



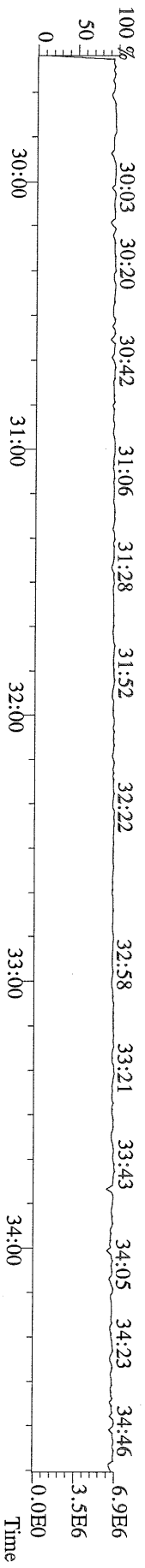
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357.8517 S:20 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0,0) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



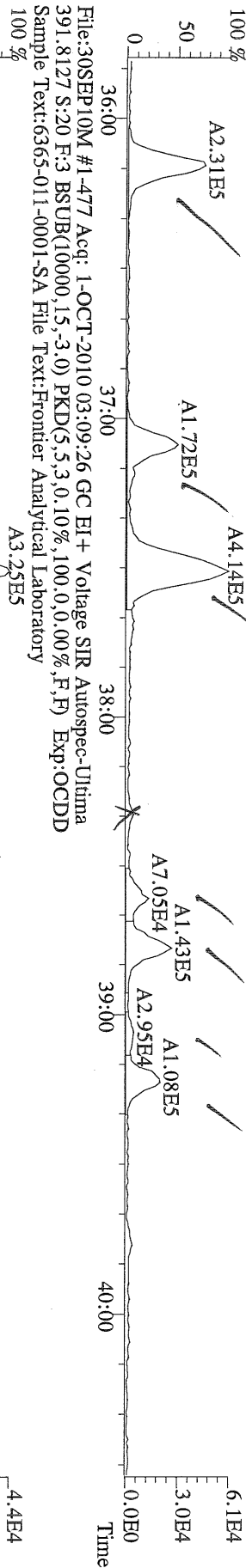
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369.8919 S:20 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0,0) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



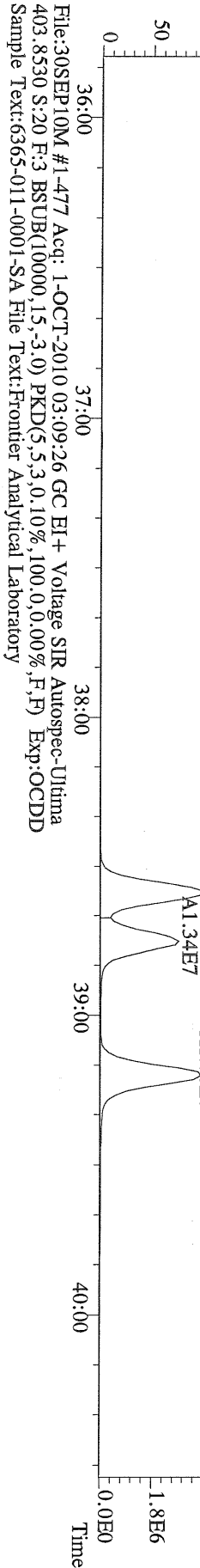
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366.9792 S:20 F:2 Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



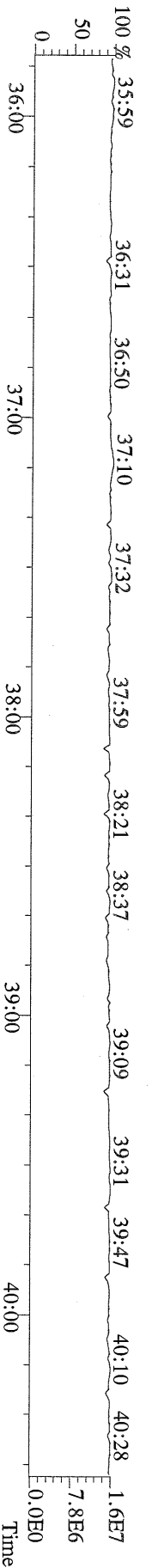
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389.8156 S:20 F:3 BSUB(10000,15,-3.0) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



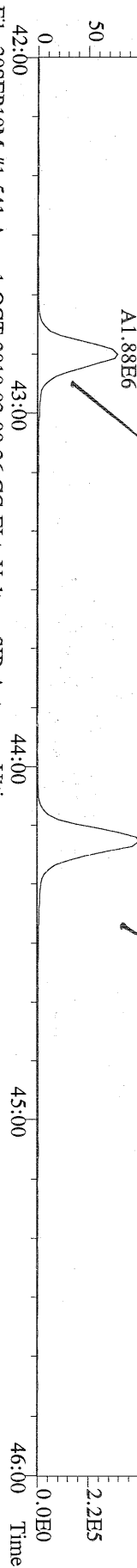
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391.8127 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



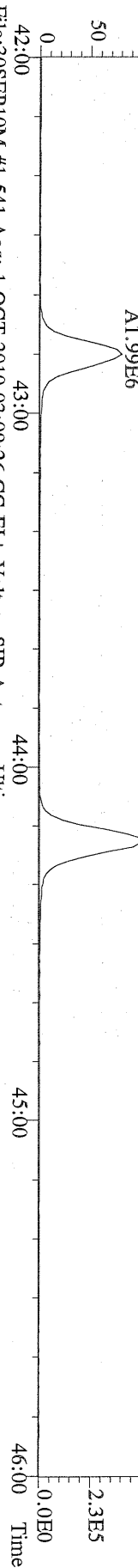
File:30SEP10M #1-477 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Ultima  
403.8530 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



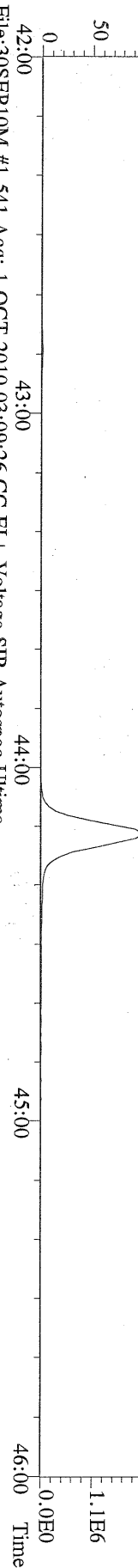
File:30SEP10M #1-541 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Utima  
423.7767 S:20 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



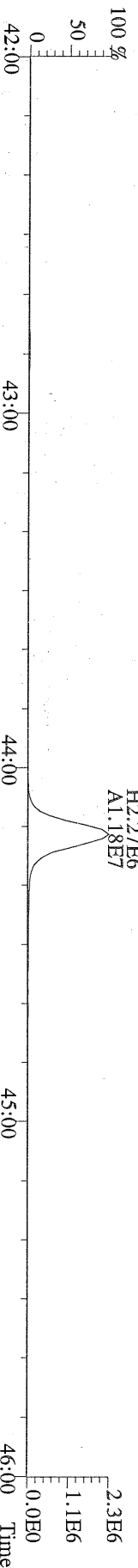
File:30SEP10M #1-541 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Utima  
425.7737 S:20 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



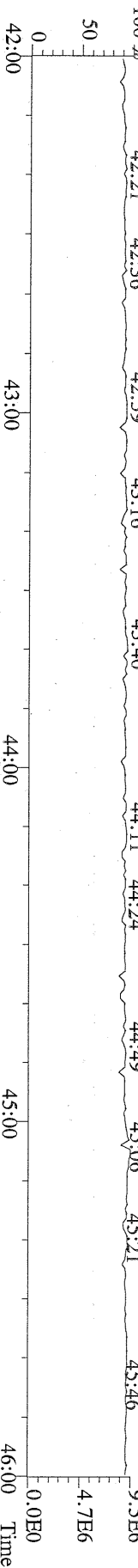
File:30SEP10M #1-541 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Utima  
435.8169 S:20 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-541 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Utima  
437.8140 S:20 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory

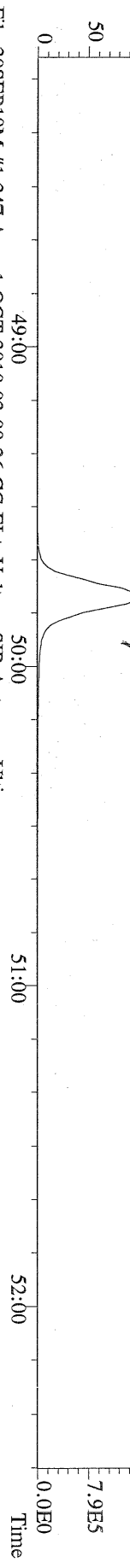


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430.9728 S:20 F:4 Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory

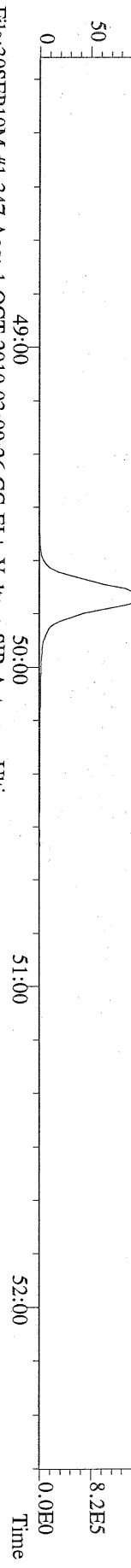




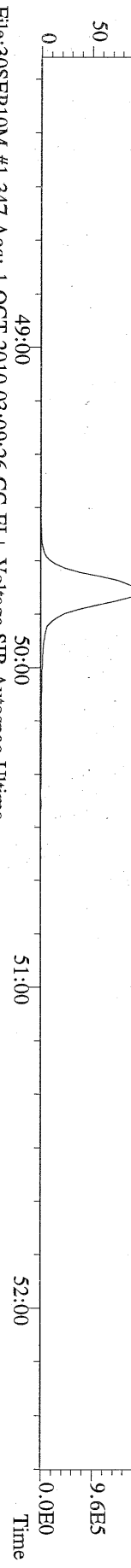
File:30SEP10M #1-347 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Ultima  
457.7377 S:20 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory  
100%



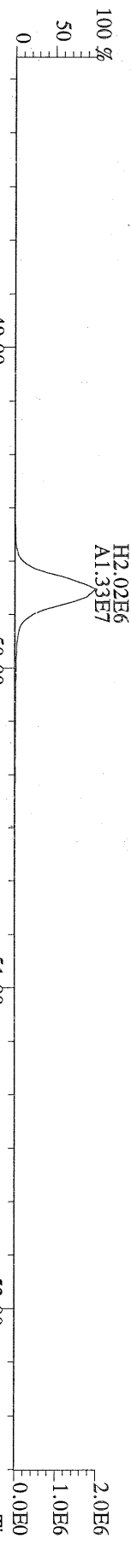
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459.7348 S:20 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory  
100%



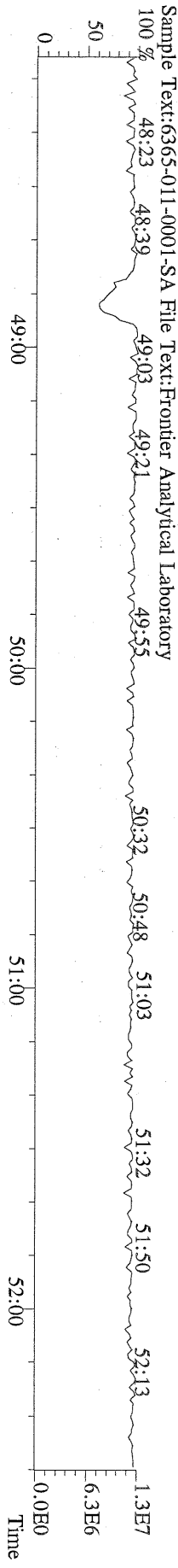
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469.7780 S:20 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory  
100%



File:30SEP10M #1-347 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Ultima  
471.7750 S:20 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory

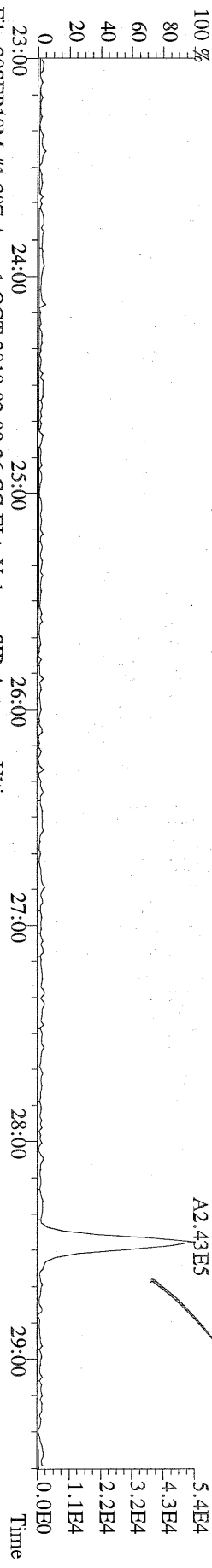


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Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory

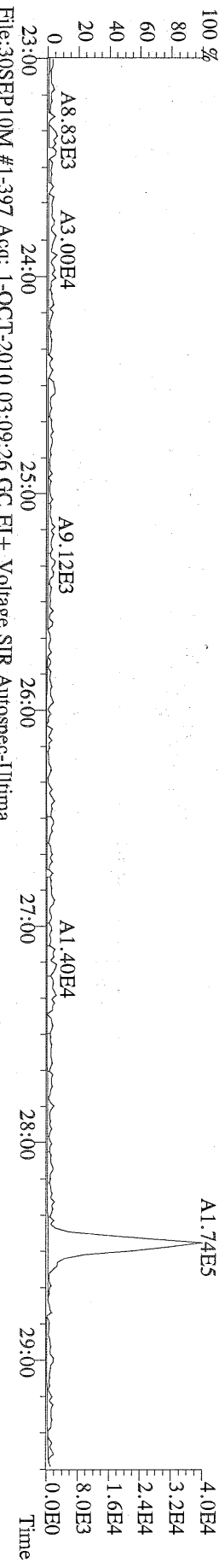




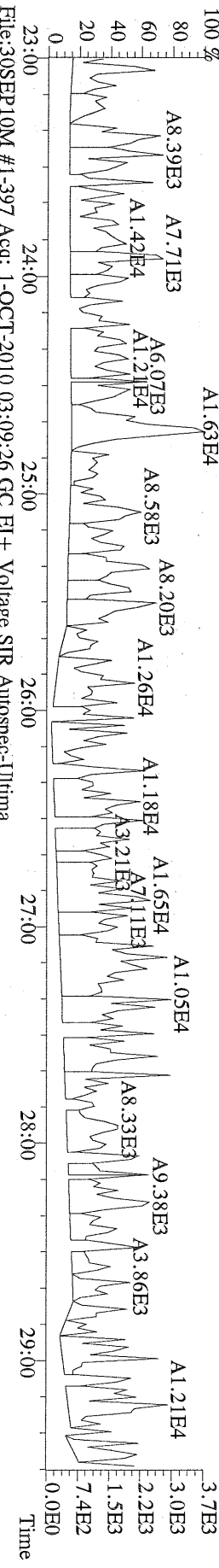
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 339.8597 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



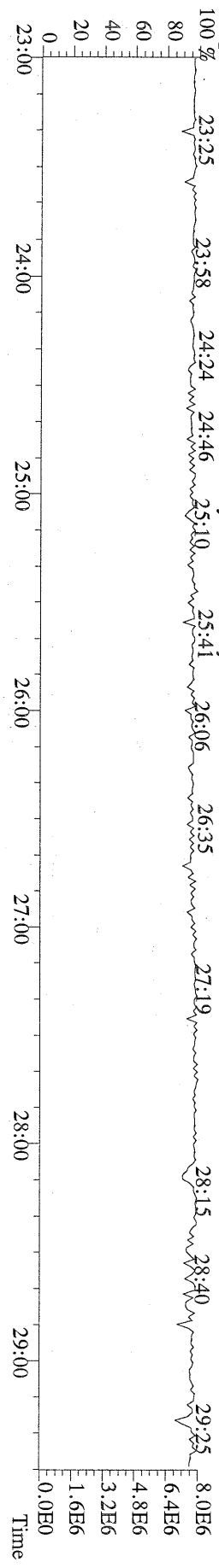
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 341.8568 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



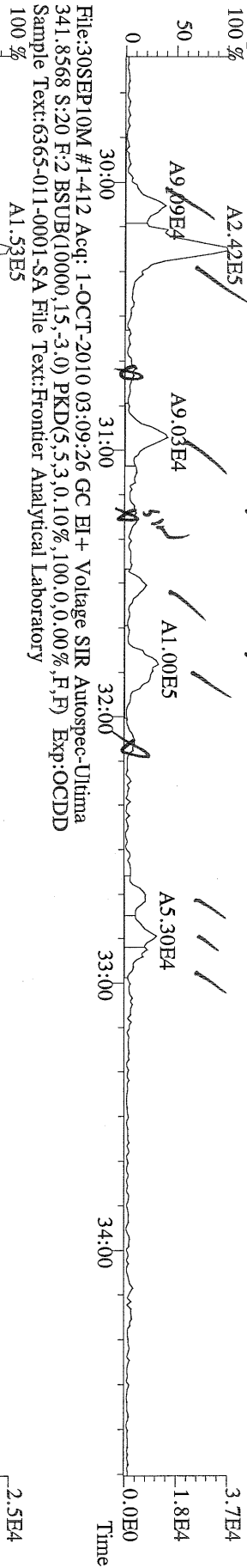
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 409.7974 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD  
 Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



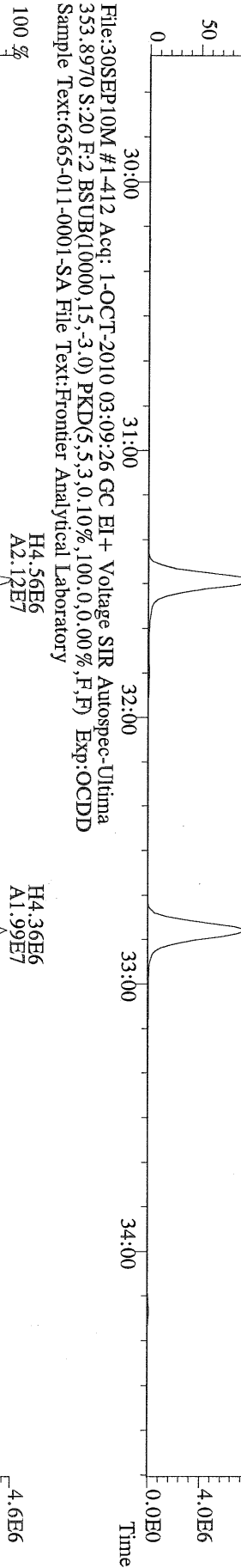
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 Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



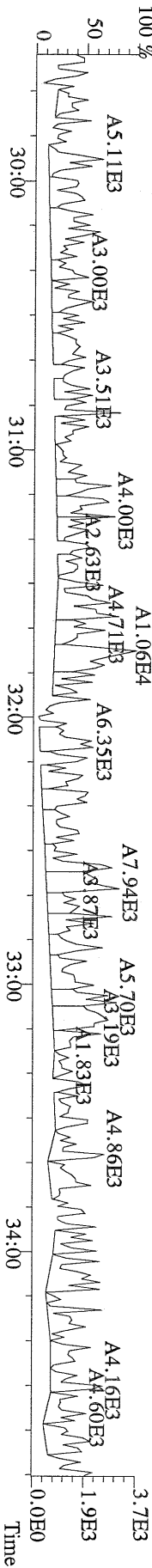
File:30SEP10M #1-412 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Ultima  
339.8597 S:20 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



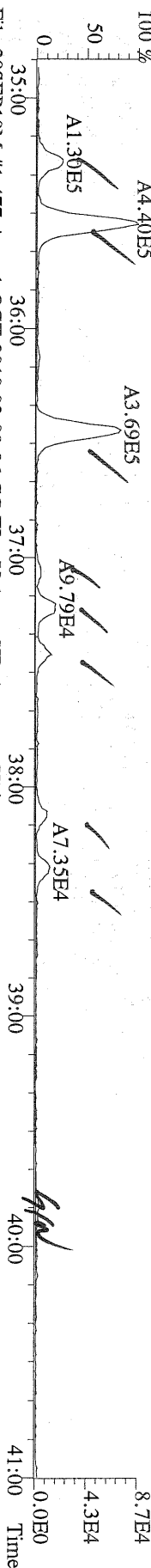
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351.9000 S:20 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



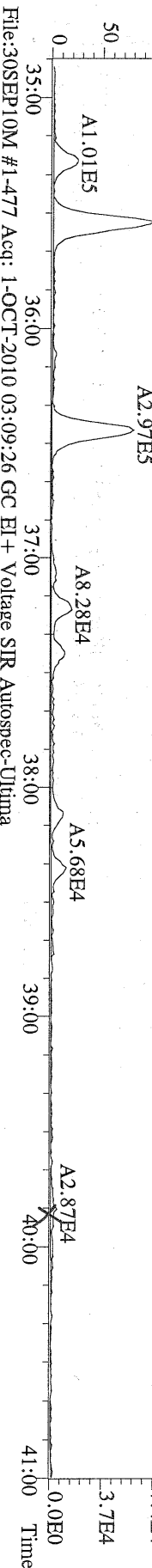
File:30SEP10M #1-412 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Ultima  
409.7974 S:20 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



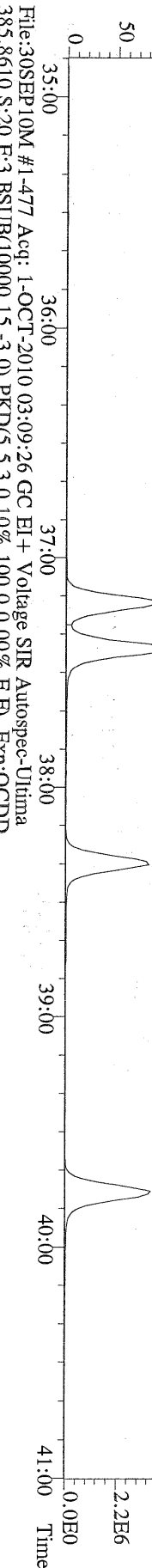
File:30SEP10M #1-477 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Utima  
 373.8207 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
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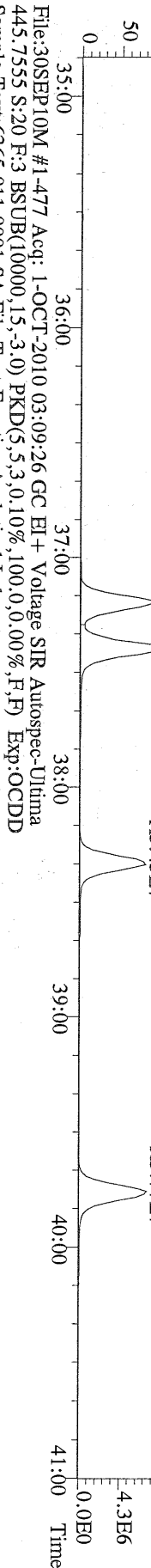
File:30SEP10M #1-477 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Utima  
 375.8178 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
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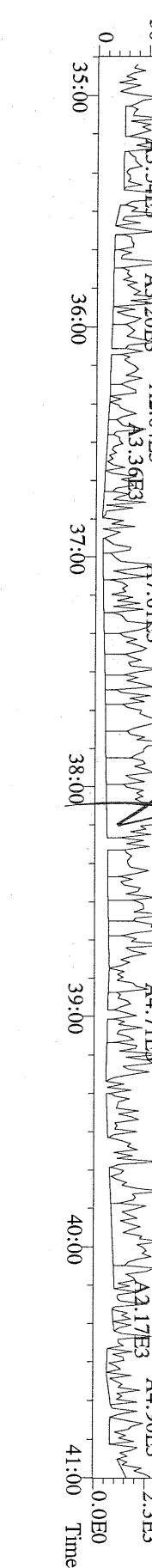
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 383.8639 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



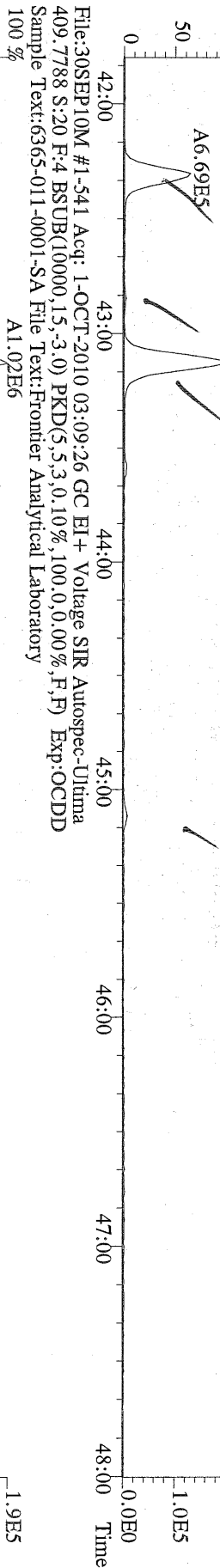
File:30SEP10M #1-477 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Utima  
 385.8610 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



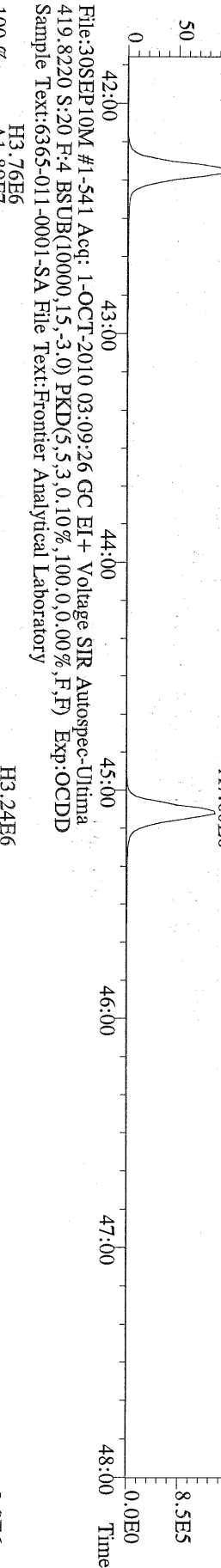
File:30SEP10M #1-477 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Utima  
 445.7555 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



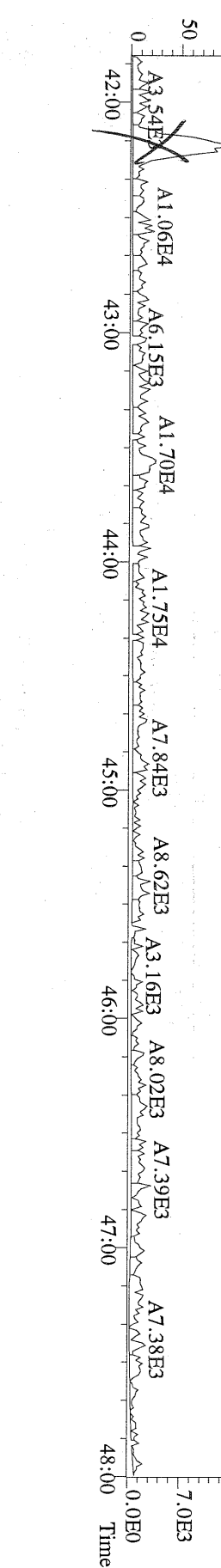
File:30SEPI0M #1-541 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Ultima  
 407.7818 S:20 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



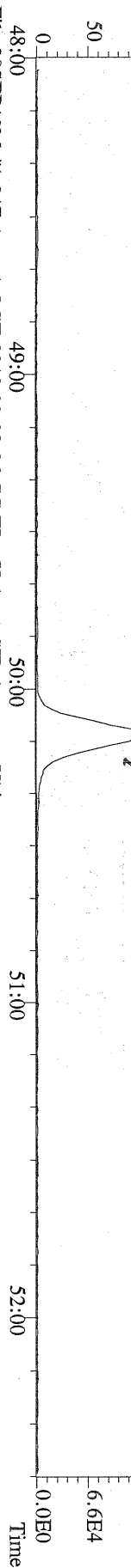
File:30SEPI0M #1-541 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Ultima  
 417.8253 S:20 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



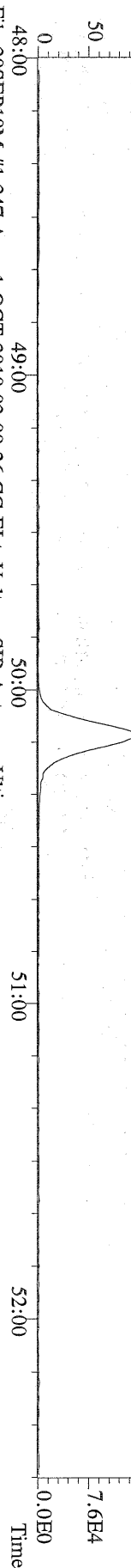
File:30SEPI0M #1-541 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Ultima  
 479.7165 S:20 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD  
 Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



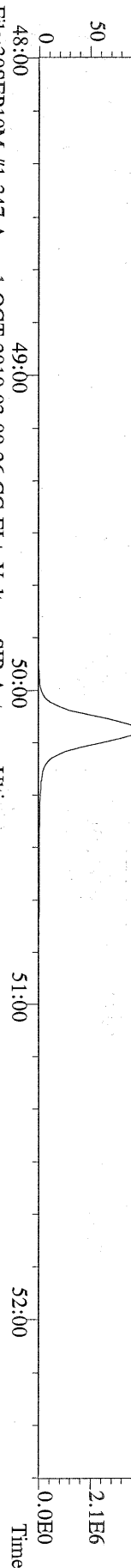
File:30SEP10M #1-347 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Utima  
441.7428 S:20 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



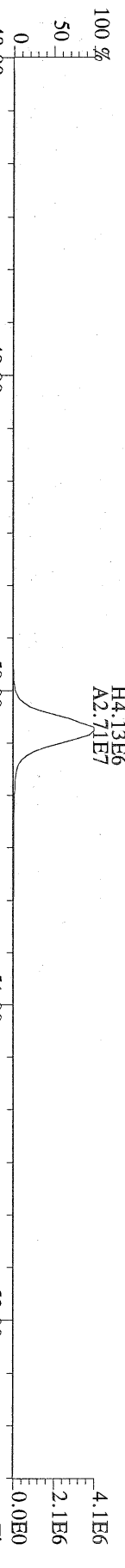
File:30SEP10M #1-347 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Utima  
443.7398 S:20 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



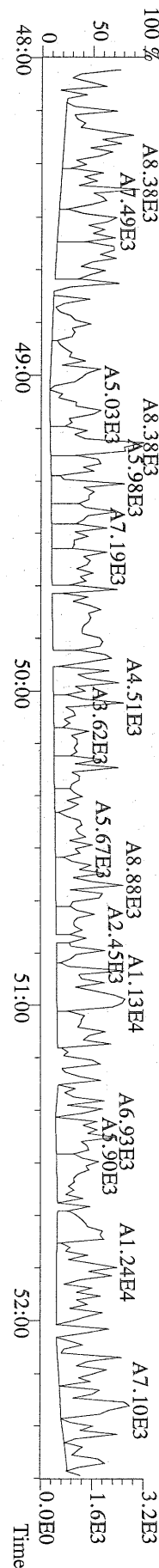
File:30SEP10M #1-347 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Utima  
453.7831 S:20 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-347 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Utima  
455.7801 S:20 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory



File:30SEP10M #1-347 Acq: 1-OCT-2010 03:09:26 GC EI+ Voltage SIR Autospec-Utima  
513.6775 S:20 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100,0,0,00%,F,F) Exp:OCDD  
Sample Text:6365-011-0001-SA File Text:Frontier Analytical Laboratory




Frontier Analytical Laboratory

Data Filename: 23AUG10M

Analyte:

Cal: PCDDFAL3-8-23-10

	Name	RRF	S. D.	%RSD	S3 RRF#1	S4 RRF#2	S5 RRF#3	S1 RRF#4	S6 RRF#5	S7 RRF#6
	2,3,7,8-TCDD	1.11	0.0404	3.63 %	1.07	1.09	1.06	1.16	1.13	1.14
	1,2,3,7,8-PeCDD	1.10	0.0456	4.14 %	1.03	1.08	1.09	1.11	1.15	1.15
	1,2,3,4,7,8-HxCDD	1.37	0.0589	4.29 %	1.40	1.30	1.31	1.36	1.44	1.42
	1,2,3,6,7,8-HxCDD	1.37	0.0522	3.80 %	1.30	1.38	1.39	1.32	1.43	1.42
	1,2,3,7,8,9-HxCDD	1.36	0.0713	5.24 %	1.29	1.31	1.37	1.30	1.45	1.45
	1,2,3,4,6,7,8-HpCDD	1.45	0.0199	1.37 %	1.43	1.47	1.45	1.44	1.45	1.48
	OCDD	1.43	0.0834	5.81 %	1.37	1.37	1.42	1.44	1.42	1.59
	2,3,7,8-TCDF	1.50	0.0738	4.91 %	1.57	1.60	1.50	1.40	1.47	1.48
	1,2,3,7,8-PeCDF	0.94	0.0427	4.53 %	0.92	0.88	0.92	0.96	0.99	0.99
	2,3,4,7,8-PeCDF	0.94	0.0501	5.35 %	0.88	0.90	0.91	0.93	0.99	1.00
	1,2,3,4,7,8-HxCDF	0.93	0.0529	5.70 %	0.90	0.88	0.90	0.91	0.99	1.00
	1,2,3,6,7,8-HxCDF	0.82	0.0486	5.91 %	0.75	0.79	0.82	0.83	0.87	0.88
	2,3,4,6,7,8-HxCDF	0.92	0.0553	6.02 %	0.87	0.86	0.92	0.89	0.98	0.99
	1,2,3,7,8,9-HxCDF	1.00	0.0728	7.30 %	0.90	0.94	0.99	1.00	1.08	1.08
	1,2,3,4,6,7,8-HpCDF	1.39	0.0804	5.78 %	1.28	1.33	1.37	1.39	1.49	1.47
	1,2,3,4,7,8,9-HpCDF	1.36	0.108	7.94 %	1.30	1.20	1.33	1.35	1.45	1.50
	OCDF	0.79	0.0651	8.29 %	0.73	0.72	0.75	0.79	0.86	0.87
	13C-2,3,7,8-TCDD	1.02	0.0764	7.46 %	0.98	0.98	0.97	0.98	1.15	1.08
	13C-1,2,3,7,8-PeCDD	0.84	0.0798	9.48 %	0.79	0.79	0.79	0.79	0.95	0.93
	13C-1,2,3,4,7,8-HxCDD	1.07	0.0580	5.40 %	1.06	1.03	1.06	1.01	1.12	1.16
	13C-1,2,3,6,7,8-HxCDD	1.01	0.0164	1.62 %	1.00	1.00	1.00	1.02	1.03	1.03
	13C-1,2,3,4,6,7,8-HpCDD	0.86	0.0467	5.45 %	0.82	0.82	0.84	0.83	0.90	0.93
	13C-OCDD	0.55	0.0456	8.36 %	0.52	0.51	0.52	0.52	0.58	0.63
	13C-2,3,7,8-TCDF	0.99	0.0775	7.79 %	0.97	0.92	0.93	0.96	1.12	1.05
	13C-1,2,3,7,8-PeCDF	0.84	0.0816	9.74 %	0.78	0.78	0.79	0.79	0.95	0.93
	13C-2,3,4,7,8-PeCDF	0.81	0.0728	8.97 %	0.77	0.75	0.76	0.78	0.91	0.90
	13C-1,2,3,4,7,8-HxCDF	1.85	0.0371	2.00 %	1.82	1.85	1.85	1.81	1.91	1.88
	13C-1,2,3,6,7,8-HxCDF	2.54	0.0434	1.71 %	2.55	2.51	2.52	2.51	2.62	2.51
	13C-2,3,4,6,7,8-HxCDF	2.01	0.0361	1.79 %	2.00	2.00	1.98	2.00	2.08	2.03
	13C-1,2,3,7,8,9-HxCDF	2.03	0.110	5.42 %	1.97	1.94	1.96	1.98	2.14	2.20
	13C-1,2,3,4,6,7,8-HpCDF	1.11	0.0532	4.80 %	1.08	1.05	1.12	1.07	1.16	1.18
	13C-1,2,3,4,7,8,9-HpCDF	0.80	0.0576	7.16 %	0.78	0.76	0.78	0.77	0.83	0.91
	13C-OCDF	1.08	0.0934	8.63 %	1.00	1.00	1.05	1.05	1.16	1.23
	37Cl-2,3,7,8-TCDD	0.69	0.0526	7.67 %	0.67	0.70	0.63	0.63	0.76	0.73
	13C-1,2,3,4-TCDD	-	-	- %	-	-	-	-	-	-
	13C-1,2,3,4-TCDF	-	-	- %	-	-	-	-	-	-
	13C-1,2,3,7,8,9-HxCDD	-	-	- %	-	-	-	-	-	-
	Total Tetra-Dioxins	1.11	0.0404	3.63 %	1.07	1.09	1.06	1.16	1.13	1.14
	Total Penta-Dioxins	1.10	0.0456	4.14 %	1.03	1.08	1.09	1.11	1.15	1.15
	Total Hexa-Dioxins	1.37	0.0513	3.75 %	1.33	1.33	1.36	1.33	1.44	1.43
	Total Hepta-Dioxins	1.45	0.0199	1.37 %	1.43	1.47	1.45	1.44	1.45	1.48
	Total Tetra-Furans	1.50	0.0738	4.91 %	1.57	1.60	1.50	1.40	1.47	1.48
1st Fn.	Tot Penta-Furans	0.94	0.0454	4.83 %	0.90	0.89	0.91	0.95	0.99	0.99
	Total Penta-Furans	0.94	0.0454	4.83 %	0.90	0.89	0.91	0.95	0.99	0.99
	Total Hexa-Furans	0.91	0.0562	6.18 %	0.84	0.86	0.90	0.90	0.97	0.98
	Total Hepta-Furans	1.38	0.0885	6.43 %	1.29	1.28	1.36	1.37	1.47	1.48

Analyst: 

Date: 8/24/10



Run #1      Filename 23AUG10M  
Client ID: ST082310MO

S: 3      Acquired: 23-AUG-10 16:16:35      Cal: PCDDFAL3-8-23-10  
Analyte:      FAL ID: 1613 CSO 100511G

Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Unk      2,3,7,8-TCDD	0.25	1.20e+05	0.73 y	27:27	-	1.07 y
2	Unk      1,2,3,7,8-PeCDD	1.25	4.64e+05	1.70 y	33:15	-	1.03 y
3	Unk      1,2,3,4,7,8-HxCDD	1.25	4.89e+05	1.42 y	38:38	-	1.40 y
4	Unk      1,2,3,6,7,8-HxCDD	1.25	4.28e+05	1.40 y	38:48	-	1.30 y
5	Unk      1,2,3,7,8,9-HxCDD	1.25	4.38e+05	1.41 y	39:14	-	1.29 y
6	Unk      1,2,3,4,6,7,8-HpCDD	1.25	3.88e+05	1.02 y	44:13	-	1.43 y
7	Unk      OCDD	2.50	4.72e+05	1.00 y	49:47	-	1.37 y
8	Unk      2,3,7,8-TCDF	0.25	2.81e+05	0.67 y	26:41	-	1.57 y
9	Unk      1,2,3,7,8-PeCDF	1.25	6.57e+05	1.49 y	31:31	-	0.916 y
10	Unk      2,3,4,7,8-PeCDF	1.25	6.24e+05	1.48 y	32:50	-	0.883 y
11	Unk      1,2,3,4,7,8-HxCDF	1.25	5.37e+05	1.22 y	37:14	-	0.897 y
12	Unk      1,2,3,6,7,8-HxCDF	1.25	6.28e+05	1.31 y	37:25	-	0.747 y
13	Unk      2,3,4,6,7,8-HxCDF	1.25	5.72e+05	1.25 y	38:22	-	0.870 y
14	Unk      1,2,3,7,8,9-HxCDF	1.25	5.81e+05	1.15 y	39:48	-	0.897 y
15	Unk      1,2,3,4,6,7,8-HpCDF	1.25	4.57e+05	1.04 y	42:19	-	1.28 y
16	Unk      1,2,3,4,7,8,9-HpCDF	1.25	3.34e+05	0.99 y	45:09	-	1.30 y
17	Unk      OCDF	2.50	4.80e+05	0.93 y	50:10	-	0.727 y
18	IS/RT      13C-2,3,7,8-TCDD	100.00	4.47e+07	0.85 y	27:24	-	0.976 y
19	IS      13C-1,2,3,7,8-PeCDD	100.00	3.60e+07	1.77 y	33:14	-	0.786 y
20	IS      13C-1,2,3,4,7,8-HxCDD	100.00	2.78e+07	1.26 y	38:36	-	1.06 y
21	IS      13C-1,2,3,6,7,8-HxCDD	100.00	2.63e+07	1.26 y	38:46	-	0.998 y
22	IS      13C-1,2,3,4,6,7,8-HpCDD	100.00	2.17e+07	1.00 y	44:13	-	0.825 y
23	IS      13C-OCDD	200.00	2.76e+07	1.00 y	49:46	-	0.523 y
24	IS      13C-2,3,7,8-TCDF	100.00	7.17e+07	0.88 y	26:40	-	0.975 y
25	IS      13C-1,2,3,7,8-PeCDF	100.00	5.74e+07	1.74 y	31:30	-	0.780 y
26	IS      13C-2,3,4,7,8-PeCDF	100.00	5.65e+07	1.74 y	32:49	-	0.769 y
27	IS      13C-1,2,3,4,7,8-HxCDF	100.00	4.79e+07	0.55 y	37:12	-	1.82 y
28	IS      13C-1,2,3,6,7,8-HxCDF	100.00	6.72e+07	0.56 y	37:24	-	2.55 y
29	IS      13C-2,3,4,6,7,8-HxCDF	100.00	5.26e+07	0.58 y	38:20	-	2.00 y
30	IS      13C-1,2,3,7,8,9-HxCDF	100.00	5.18e+07	0.54 y	39:47	-	1.97 y
31	IS      13C-1,2,3,4,6,7,8-HpCDF	100.00	2.84e+07	0.42 y	42:18	-	1.08 y
32	IS      13C-1,2,3,4,7,8,9-HpCDF	100.00	2.05e+07	0.43 y	45:08	-	0.778 y
33	IS      13C-OCDF	200.00	5.28e+07	0.95 y	50:09	-	1.00 y
34	C/Up      37Cl-2,3,7,8-TCDD	0.25	7.69e+04		27:26	-	0.671 y
35	RS      13C-1,2,3,4-TCDD	100.00	4.58e+07	0.85 y	26:50	4.58e+05	- n
36	RS      13C-1,2,3,4-TCDF	100.00	7.35e+07	0.87 y	25:35	7.35e+05	- n
37	RS/RT      13C-1,2,3,7,8,9-HxCDD	100.00	2.64e+07	1.27 y	39:12	2.64e+05	- n
38	Tot      Total Tetra-Dioxins	0.00	-	- n	-	-	1.07 y
39	Tot      Total Penta-Dioxins	0.00	-	- n	-	-	1.03 y
40	Tot      Total Hexa-Dioxins	0.00	-	- n	-	-	1.33 y
41	Tot      Total Hepta-Dioxins	0.00	-	- n	-	-	1.43 y
42	Tot      Total Tetra-Furans	0.00	-	- n	-	-	1.57 y
43	Tot      1st Fn. Tot Penta-Furans	0.00	-	- n	-	-	0.899 y
44	Tot      Total Penta-Furans	0.00	-	- n	-	-	0.899 y
45	Tot      Total Hexa-Furans	0.00	-	- n	-	-	0.845 y
46	Tot      Total Hepta-Furans	0.00	-	- n	-	-	1.29 y

Analyst: 

Date: 8/24/10

Run #2      Filename 23AUG10M  
Client ID: ST082310M1

S: 4      Acquired: 23-AUG-10 17:12:02      Cal: PCDDFAL3-8-23-10  
Analyte:      FAL ID: 1613 CS1 100511H

Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Unk      2,3,7,8-TCDD	0.50	2.50e+05	0.74 y	27:27	-	1.09 y
2	Unk      1,2,3,7,8-PeCDD	2.50	9.93e+05	1.61 y	33:16	-	1.08 y
3	Unk      1,2,3,4,7,8-HxCDD	2.50	8.89e+05	1.42 y	38:37	-	1.30 y
4	Unk      1,2,3,6,7,8-HxCDD	2.50	9.16e+05	1.42 y	38:48	-	1.38 y
5	Unk      1,2,3,7,8,9-HxCDD	2.50	8.82e+05	1.39 y	39:14	-	1.31 y
6	Unk      1,2,3,4,6,7,8-HpCDD	2.50	8.00e+05	1.07 y	44:14	-	1.47 y
7	Unk      OCDD	5.00	9.24e+05	0.99 y	49:48	-	1.37 y
8	Unk      2,3,7,8-TCDF	0.50	5.65e+05	0.69 y	26:41	-	1.60 y
9	Unk      1,2,3,7,8-PeCDF	2.50	1.31e+06	1.45 y	31:32	-	0.885 y
10	Unk      2,3,4,7,8-PeCDF	2.50	1.29e+06	1.43 y	32:51	-	0.896 y
11	Unk      1,2,3,4,7,8-HxCDF	2.50	1.08e+06	1.27 y	37:14	-	0.877 y
12	Unk      1,2,3,6,7,8-HxCDF	2.50	1.32e+06	1.22 y	37:26	-	0.790 y
13	Unk      2,3,4,6,7,8-HxCDF	2.50	1.14e+06	1.31 y	38:23	-	0.858 y
14	Unk      1,2,3,7,8,9-HxCDF	2.50	1.21e+06	1.23 y	39:48	-	0.938 y
15	Unk      1,2,3,4,6,7,8-HpCDF	2.50	9.30e+05	1.05 y	42:20	-	1.33 y
16	Unk      1,2,3,4,7,8,9-HpCDF	2.50	6.04e+05	1.06 y	45:09	-	1.20 y
17	Unk      OCDF	5.00	9.66e+05	0.89 y	50:10	-	0.721 y
18	IS/RT      13C-2,3,7,8-TCDD	100.00	4.56e+07	0.84 y	27:25	-	0.980 y
19	IS      13C-1,2,3,7,8-PeCDD	100.00	3.68e+07	1.77 y	33:14	-	0.790 y
20	IS      13C-1,2,3,4,7,8-HxCDD	100.00	2.74e+07	1.32 y	38:36	-	1.03 y
21	IS      13C-1,2,3,6,7,8-HxCDD	100.00	2.66e+07	1.22 y	38:46	-	0.996 y
22	IS      13C-1,2,3,4,6,7,8-HpCDD	100.00	2.18e+07	1.02 y	44:13	-	0.818 y
23	IS      13C-OCDD	200.00	2.71e+07	0.99 y	49:47	-	0.507 y
24	IS      13C-2,3,7,8-TCDF	100.00	7.06e+07	0.86 y	26:40	-	0.923 y
25	IS      13C-1,2,3,7,8-PeCDF	100.00	5.94e+07	1.73 y	31:30	-	0.777 y
26	IS      13C-2,3,4,7,8-PeCDF	100.00	5.75e+07	1.68 y	32:49	-	0.752 y
27	IS      13C-1,2,3,4,7,8-HxCDF	100.00	4.93e+07	0.55 y	37:13	-	1.85 y
28	IS      13C-1,2,3,6,7,8-HxCDF	100.00	6.70e+07	0.55 y	37:24	-	2.51 y
29	IS      13C-2,3,4,6,7,8-HxCDF	100.00	5.33e+07	0.57 y	38:21	-	2.00 y
30	IS      13C-1,2,3,7,8,9-HxCDF	100.00	5.18e+07	0.55 y	39:48	-	1.94 y
31	IS      13C-1,2,3,4,6,7,8-HpCDF	100.00	2.79e+07	0.44 y	42:18	-	1.05 y
32	IS      13C-1,2,3,4,7,8,9-HpCDF	100.00	2.02e+07	0.42 y	45:09	-	0.756 y
33	IS      13C-OCDF	200.00	5.36e+07	0.96 y	50:09	-	1.00 y
34	C/Up      37Cl-2,3,7,8-TCDD	0.50	1.62e+05		27:26	-	0.696 y
35	RS      13C-1,2,3,4-TCDD	100.00	4.66e+07	0.83 y	26:51	4.66e+05	- n
36	RS      13C-1,2,3,4-TCDF	100.00	7.65e+07	0.88 y	25:34	7.65e+05	- n
37	RS/RT      13C-1,2,3,7,8,9-HxCDD	100.00	2.67e+07	1.27 y	39:13	2.67e+05	- n
38	Tot      Total Tetra-Dioxins	0.00	-	- n	-	-	1.09 y
39	Tot      Total Penta-Dioxins	0.00	-	- n	-	-	1.08 y
40	Tot      Total Hexa-Dioxins	0.00	-	- n	-	-	1.33 y
41	Tot      Total Hepta-Dioxins	0.00	-	- n	-	-	1.47 y
42	Tot      Total Tetra-Furans	0.00	-	- n	-	-	1.60 y
43	Tot      1st Fn. Tot Penta-Furans	0.00	-	- n	-	-	0.890 y
44	Tot      Total Penta-Furans	0.00	-	- n	-	-	0.890 y
45	Tot      Total Hexa-Furans	0.00	-	- n	-	-	0.860 y
46	Tot      Total Hepta-Furans	0.00	-	- n	-	-	1.28 y

Analyst: 

Date: 8/24/10

Run #3 Filename 23AUG10M  
Client ID: ST082310M2

S: 5

Acquired: 23-AUG-10 18:07:23

Cal: PCDDFAL3-8-23-10

Analyte:

FAL ID: 1613 CS2 100511I

Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Unk 2,3,7,8-TCDD	2.00	9.56e+05	0.76 y	27:26	-	1.06 y
2	Unk 1,2,3,7,8-PeCDD	10.00	3.99e+06	1.62 y	33:15	-	1.09 y
3	Unk 1,2,3,4,7,8-HxCDD	10.00	3.69e+06	1.40 y	38:38	-	1.31 y
4	Unk 1,2,3,6,7,8-HxCDD	10.00	3.71e+06	1.40 y	38:47	-	1.39 y
5	Unk 1,2,3,7,8,9-HxCDD	10.00	3.75e+06	1.40 y	39:14	-	1.37 y
6	Unk 1,2,3,4,6,7,8-HpCDD	10.00	3.22e+06	1.04 y	44:14	-	1.45 y
7	Unk OCDD	20.00	3.97e+06	0.89 y	49:47	-	1.42 y
8	Unk 2,3,7,8-TCDF	2.00	2.12e+06	0.69 y	26:41	-	1.50 y
9	Unk 1,2,3,7,8-PeCDF	10.00	5.47e+06	1.50 y	31:32	-	0.916 y
10	Unk 2,3,4,7,8-PeCDF	10.00	5.23e+06	1.51 y	32:51	-	0.913 y
11	Unk 1,2,3,4,7,8-HxCDF	10.00	4.43e+06	1.30 y	37:14	-	0.900 y
12	Unk 1,2,3,6,7,8-HxCDF	10.00	5.48e+06	1.24 y	37:26	-	0.819 y
13	Unk 2,3,4,6,7,8-HxCDF	10.00	4.88e+06	1.33 y	38:22	-	0.924 y
14	Unk 1,2,3,7,8,9-HxCDF	10.00	5.17e+06	1.28 y	39:49	-	0.990 y
15	Unk 1,2,3,4,6,7,8-HpCDF	10.00	4.10e+06	1.03 y	42:19	-	1.37 y
16	Unk 1,2,3,4,7,8,9-HpCDF	10.00	2.76e+06	1.01 y	45:09	-	1.33 y
17	Unk OCDF	20.00	4.20e+06	0.92 y	50:11	-	0.753 y
18	IS/RT 13C-2,3,7,8-TCDD	100.00	4.51e+07	0.83 y	27:25	-	0.970 y
19	IS 13C-1,2,3,7,8-PeCDD	100.00	3.68e+07	1.77 y	33:14	-	0.792 y
20	IS 13C-1,2,3,4,7,8-HxCDD	100.00	2.81e+07	1.27 y	38:36	-	1.06 y
21	IS 13C-1,2,3,6,7,8-HxCDD	100.00	2.66e+07	1.28 y	38:46	-	1.00 y
22	IS 13C-1,2,3,4,6,7,8-HpCDD	100.00	2.22e+07	1.02 y	44:13	-	0.835 y
23	IS 13C-OCDD	200.00	2.79e+07	0.95 y	49:47	-	0.524 y
24	IS 13C-2,3,7,8-TCDF	100.00	7.06e+07	0.88 y	26:40	-	0.935 y
25	IS 13C-1,2,3,7,8-PeCDF	100.00	5.98e+07	1.74 y	31:30	-	0.791 y
26	IS 13C-2,3,4,7,8-PeCDF	100.00	5.73e+07	1.71 y	32:50	-	0.759 y
27	IS 13C-1,2,3,4,7,8-HxCDF	100.00	4.92e+07	0.55 y	37:13	-	1.85 y
28	IS 13C-1,2,3,6,7,8-HxCDF	100.00	6.70e+07	0.55 y	37:25	-	2.52 y
29	IS 13C-2,3,4,6,7,8-HxCDF	100.00	5.28e+07	0.56 y	38:21	-	1.98 y
30	IS 13C-1,2,3,7,8,9-HxCDF	100.00	5.23e+07	0.56 y	39:47	-	1.96 y
31	IS 13C-1,2,3,4,6,7,8-HpCDF	100.00	2.98e+07	0.43 y	42:18	-	1.12 y
32	IS 13C-1,2,3,4,7,8,9-HpCDF	100.00	2.07e+07	0.41 y	45:08	-	0.777 y
33	IS 13C-OCDF	200.00	5.58e+07	1.00 y	50:09	-	1.05 y
34	C/Up 37Cl-2,3,7,8-TCDD	2.00	5.87e+05		27:27	-	0.632 y
35	RS 13C-1,2,3,4-TCDD	100.00	4.65e+07	0.85 y	26:50	4.65e+05	- n
36	RS 13C-1,2,3,4-TCDF	100.00	7.56e+07	0.87 y	25:35	7.56e+05	- n
37	RS/RT 13C-1,2,3,7,8,9-HxCDD	100.00	2.66e+07	1.26 y	39:13	2.66e+05	- n
38	Tot Total Tetra-Dioxins	0.00	-	- n	-	-	1.06 y
39	Tot Total Penta-Dioxins	0.00	-	- n	-	-	1.09 y
40	Tot Total Hexa-Dioxins	0.00	-	- n	-	-	1.36 y
41	Tot Total Hepta-Dioxins	0.00	-	- n	-	-	1.45 y
42	Tot Total Tetra-Furans	0.00	-	- n	-	-	1.50 y
43	Tot 1st Fn. Tot Penta-Furans	0.00	-	- n	-	-	0.914 y
44	Tot Total Penta-Furans	0.00	-	- n	-	-	0.914 y
45	Tot Total Hexa-Furans	0.00	-	- n	-	-	0.902 y
46	Tot Total Hepta-Furans	0.00	-	- n	-	-	1.36 y

Analyst: 

Date: 8/24/10

Run #4      Filename 23AUG10M  
Client ID: ST082310M3

S: 1      Acquired: 23-AUG-10 14:25:46      Cal: PCDDFAL3-8-23-10  
Analyte:      FAL ID: 1613 CS3 100511J

Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Unk      2,3,7,8-TCDD	10.00	5.04e+06	0.73 y	27:24	-	1.16 y
2	Unk      1,2,3,7,8-PeCDD	50.00	1.95e+07	1.64 y	33:14	-	1.11 y
3	Unk      1,2,3,4,7,8-HxCDD	50.00	1.81e+07	1.41 y	38:36	-	1.36 y
4	Unk      1,2,3,6,7,8-HxCDD	50.00	1.75e+07	1.39 y	38:46	-	1.32 y
5	Unk      1,2,3,7,8,9-HxCDD	50.00	1.74e+07	1.41 y	39:13	-	1.30 y
6	Unk      1,2,3,4,6,7,8-HpCDD	50.00	1.56e+07	1.04 y	44:13	-	1.44 y
7	Unk      OCDD	100.00	1.96e+07	0.95 y	49:47	-	1.44 y
8	Unk      2,3,7,8-TCDF	10.00	9.40e+06	0.67 y	26:39	-	1.40 y
9	Unk      1,2,3,7,8-PeCDF	50.00	2.67e+07	1.53 y	31:30	-	0.959 y
10	Unk      2,3,4,7,8-PeCDF	50.00	2.56e+07	1.52 y	32:49	-	0.933 y
11	Unk      1,2,3,4,7,8-HxCDF	50.00	2.15e+07	1.29 y	37:12	-	0.905 y
12	Unk      1,2,3,6,7,8-HxCDF	50.00	2.72e+07	1.26 y	37:24	-	0.826 y
13	Unk      2,3,4,6,7,8-HxCDF	50.00	2.34e+07	1.24 y	38:21	-	0.892 y
14	Unk      1,2,3,7,8,9-HxCDF	50.00	2.60e+07	1.28 y	39:47	-	1.00 y
15	Unk      1,2,3,4,6,7,8-HpCDF	50.00	1.95e+07	1.04 y	42:18	-	1.39 y
16	Unk      1,2,3,4,7,8,9-HpCDF	50.00	1.37e+07	1.04 y	45:08	-	1.35 y
17	Unk      OCDF	100.00	2.16e+07	0.93 y	50:09	-	0.785 y
18	IS/RT      13C-2,3,7,8-TCDD	100.00	4.35e+07	0.86 y	27:23	-	0.982 y
19	IS      13C-1,2,3,7,8-PeCDD	100.00	3.51e+07	1.77 y	33:13	-	0.793 y
20	IS      13C-1,2,3,4,7,8-HxCDD	100.00	2.66e+07	1.26 y	38:35	-	1.01 y
21	IS      13C-1,2,3,6,7,8-HxCDD	100.00	2.66e+07	1.27 y	38:45	-	1.02 y
22	IS      13C-1,2,3,4,6,7,8-HpCDD	100.00	2.18e+07	1.04 y	44:11	-	0.830 y
23	IS      13C-OCDD	200.00	2.73e+07	0.93 y	49:45	-	0.521 y
24	IS      13C-2,3,7,8-TCDF	100.00	6.73e+07	0.86 y	26:38	-	0.959 y
25	IS      13C-1,2,3,7,8-PeCDF	100.00	5.57e+07	1.78 y	31:28	-	0.794 y
26	IS      13C-2,3,4,7,8-PeCDF	100.00	5.49e+07	1.74 y	32:48	-	0.783 y
27	IS      13C-1,2,3,4,7,8-HxCDF	100.00	4.74e+07	0.56 y	37:11	-	1.81 y
28	IS      13C-1,2,3,6,7,8-HxCDF	100.00	6.58e+07	0.55 y	37:23	-	2.51 y
29	IS      13C-2,3,4,6,7,8-HxCDF	100.00	5.25e+07	0.54 y	38:19	-	2.00 y
30	IS      13C-1,2,3,7,8,9-HxCDF	100.00	5.18e+07	0.55 y	39:45	-	1.98 y
31	IS      13C-1,2,3,4,6,7,8-HpCDF	100.00	2.80e+07	0.42 y	42:17	-	1.07 y
32	IS      13C-1,2,3,4,7,8,9-HpCDF	100.00	2.02e+07	0.42 y	45:06	-	0.772 y
33	IS      13C-OCDF	200.00	5.49e+07	0.98 y	50:08	-	1.05 y
34	C/Up      37Cl-2,3,7,8-TCDD	10.00	2.77e+06		27:24	-	0.626 y
35	RS      13C-1,2,3,4-TCDD	100.00	4.42e+07	0.84 y	26:49	4.42e+05	- n
36	RS      13C-1,2,3,4-TCDF	100.00	7.01e+07	0.87 y	25:33	7.01e+05	- n
37	RS/RT      13C-1,2,3,7,8,9-HxCDD	100.00	2.62e+07	1.28 y	39:11	2.62e+05	- n
38	Tot      Total Tetra-Dioxins	0.00	-	- n	-	-	1.16 y
39	Tot      Total Penta-Dioxins	0.00	-	- n	-	-	1.11 y
40	Tot      Total Hexa-Dioxins	0.00	-	- n	-	-	1.33 y
41	Tot      Total Hepta-Dioxins	0.00	-	- n	-	-	1.44 y
42	Tot      Total Tetra-Furans	0.00	-	- n	-	-	1.40 y
43	Tot      1st Fn. Tot Penta-Furans	0.00	-	- n	-	-	0.946 y
44	Tot      Total Penta-Furans	0.00	-	- n	-	-	0.946 y
45	Tot      Total Hexa-Furans	0.00	-	- n	-	-	0.902 y
46	Tot      Total Hepta-Furans	0.00	-	- n	-	-	1.37 y

Analyst: 

Date: 8/29/10

Run #5 Filename 23AUG10M  
Client ID: ST082310M4

S: 6

Acquired: 23-AUG-10 19:02:46

Cal: PCDDFAL3-8-23-10

Analyte:

FAL ID: 1613 CS4 100511K

Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Unk 2,3,7,8-TCDD	40.00	2.29e+07	0.76 y	27:27	-	1.13 y
2	Unk 1,2,3,7,8-PeCDD	200.00	9.61e+07	1.62 y	33:16	-	1.15 y
3	Unk 1,2,3,4,7,8-HxCDD	200.00	9.66e+07	1.40 y	38:37	-	1.44 y
4	Unk 1,2,3,6,7,8-HxCDD	200.00	8.79e+07	1.41 y	38:47	-	1.43 y
5	Unk 1,2,3,7,8,9-HxCDD	200.00	9.29e+07	1.41 y	39:15	-	1.45 y
6	Unk 1,2,3,4,6,7,8-HpCDD	200.00	7.75e+07	1.03 y	44:14	-	1.45 y
7	Unk OCDD	400.00	9.77e+07	1.00 y	49:48	-	1.42 y
8	Unk 2,3,7,8-TCDF	40.00	4.55e+07	0.67 y	26:42	-	1.47 y
9	Unk 1,2,3,7,8-PeCDF	200.00	1.31e+08	1.55 y	31:31	-	0.991 y
10	Unk 2,3,4,7,8-PeCDF	200.00	1.25e+08	1.52 y	32:50	-	0.991 y
11	Unk 1,2,3,4,7,8-HxCDF	200.00	1.13e+08	1.27 y	37:14	-	0.995 y
12	Unk 1,2,3,6,7,8-HxCDF	200.00	1.35e+08	1.28 y	37:26	-	0.869 y
13	Unk 2,3,4,6,7,8-HxCDF	200.00	1.21e+08	1.26 y	38:23	-	0.979 y
14	Unk 1,2,3,7,8,9-HxCDF	200.00	1.38e+08	1.30 y	39:49	-	1.08 y
15	Unk 1,2,3,4,6,7,8-HpCDF	200.00	1.03e+08	1.03 y	42:19	-	1.49 y
16	Unk 1,2,3,4,7,8,9-HpCDF	200.00	7.19e+07	1.05 y	45:09	-	1.45 y
17	Unk OCDF	400.00	1.19e+08	0.92 y	50:11	-	0.860 y
18	IS/RT 13C-2,3,7,8-TCDD	100.00	5.05e+07	0.85 y	27:25	-	1.15 y
19	IS 13C-1,2,3,7,8-PeCDD	100.00	4.17e+07	1.76 y	33:14	-	0.955 y
20	IS 13C-1,2,3,4,7,8-HxCDD	100.00	3.35e+07	1.27 y	38:37	-	1.12 y
21	IS 13C-1,2,3,6,7,8-HxCDD	100.00	3.08e+07	1.28 y	38:46	-	1.03 y
22	IS 13C-1,2,3,4,6,7,8-HpCDD	100.00	2.67e+07	1.01 y	44:13	-	0.896 y
23	IS 13C-OCDD	200.00	3.44e+07	0.94 y	49:47	-	0.578 y
24	IS 13C-2,3,7,8-TCDF	100.00	7.76e+07	0.88 y	26:41	-	1.12 y
25	IS 13C-1,2,3,7,8-PeCDF	100.00	6.59e+07	1.75 y	31:30	-	0.954 y
26	IS 13C-2,3,4,7,8-PeCDF	100.00	6.31e+07	1.73 y	32:49	-	0.913 y
27	IS 13C-1,2,3,4,7,8-HxCDF	100.00	5.67e+07	0.55 y	37:13	-	1.91 y
28	IS 13C-1,2,3,6,7,8-HxCDF	100.00	7.79e+07	0.55 y	37:25	-	2.62 y
29	IS 13C-2,3,4,6,7,8-HxCDF	100.00	6.19e+07	0.54 y	38:21	-	2.08 y
30	IS 13C-1,2,3,7,8,9-HxCDF	100.00	6.38e+07	0.54 y	39:48	-	2.14 y
31	IS 13C-1,2,3,4,6,7,8-HpCDF	100.00	3.44e+07	0.43 y	42:18	-	1.16 y
32	IS 13C-1,2,3,4,7,8,9-HpCDF	100.00	2.48e+07	0.43 y	45:08	-	0.832 y
33	IS 13C-OCDF	200.00	6.90e+07	0.99 y	50:09	-	1.16 y
34	C/Up 37Cl-2,3,7,8-TCDD	40.00	1.32e+07		27:27	-	0.757 y
35	RS 13C-1,2,3,4-TCDD	100.00	4.37e+07	0.85 y	26:50	4.37e+05	- n
36	RS 13C-1,2,3,4-TCDF	100.00	6.91e+07	0.87 y	25:35	6.91e+05	- n
37	RS/RT 13C-1,2,3,7,8,9-HxCDD	100.00	2.98e+07	1.25 y	39:13	2.98e+05	- n
38	Tot Total Tetra-Dioxins	0.00	-	- n	-	-	1.13 y
39	Tot Total Penta-Dioxins	0.00	-	- n	-	-	1.15 y
40	Tot Total Hexa-Dioxins	0.00	-	- n	-	-	1.44 y
41	Tot Total Hepta-Dioxins	0.00	-	- n	-	-	1.45 y
42	Tot Total Tetra-Furans	0.00	-	- n	-	-	1.47 y
43	Tot 1st Fn. Tot Penta-Furans	0.00	-	- n	-	-	0.991 y
44	Tot Total Penta-Furans	0.00	-	- n	-	-	0.991 y
45	Tot Total Hexa-Furans	0.00	-	- n	-	-	0.974 y
46	Tot Total Hepta-Furans	0.00	-	- n	-	-	1.47 y


Analyst: \_\_\_\_\_

Date: \_\_\_\_\_

Run #6      Filename 23AUG10M  
Client ID: ST082310M5

S: 7      Acquired: 23-AUG-10 19:58:08      Cal: PCDDFAL3-8-23-10  
Analyte: PCDDFAL3-8-23-10      FAL ID: 1613 CS5 100511L

Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Unk      2,3,7,8-TCDD	200.00	1.06e+08	0.76 y	27:26	-	1.14 y
2	Unk      1,2,3,7,8-PeCDD	1000.00	4.58e+08	1.63 y	33:15	-	1.15 y
3	Unk      1,2,3,4,7,8-HxCDD	1000.00	4.92e+08	1.39 y	38:38	-	1.42 y
4	Unk      1,2,3,6,7,8-HxCDD	1000.00	4.34e+08	1.40 y	38:48	-	1.42 y
5	Unk      1,2,3,7,8,9-HxCDD	1000.00	4.72e+08	1.38 y	39:14	-	1.45 y
6	Unk      1,2,3,4,6,7,8-HpCDD	1000.00	4.12e+08	1.03 y	44:14	-	1.48 y
7	Unk      OCDD	2000.00	5.93e+08	0.92 y	49:50	-	1.59 y
8	Unk      2,3,7,8-TCDF	200.00	2.14e+08	0.66 y	26:41	-	1.48 y
9	Unk      1,2,3,7,8-PeCDF	1000.00	6.33e+08	1.52 y	31:32	-	0.985 y
10	Unk      2,3,4,7,8-PeCDF	1000.00	6.21e+08	1.52 y	32:51	-	1.00 y
11	Unk      1,2,3,4,7,8-HxCDF	1000.00	5.58e+08	1.28 y	37:14	-	0.996 y
12	Unk      1,2,3,6,7,8-HxCDF	1000.00	6.54e+08	1.27 y	37:26	-	0.876 y
13	Unk      2,3,4,6,7,8-HxCDF	1000.00	5.98e+08	1.27 y	38:22	-	0.989 y
14	Unk      1,2,3,7,8,9-HxCDF	1000.00	7.04e+08	1.28 y	39:49	-	1.08 y
15	Unk      1,2,3,4,6,7,8-HpCDF	1000.00	5.19e+08	1.05 y	42:20	-	1.47 y
16	Unk      1,2,3,4,7,8,9-HpCDF	1000.00	4.06e+08	1.08 y	45:09	-	1.50 y
17	Unk      OCDF	2000.00	6.38e+08	0.93 y	50:12	-	0.869 y
18	IS/RT      13C-2,3,7,8-TCDD	100.00	4.62e+07	0.84 y	27:25	-	1.08 y
19	IS      13C-1,2,3,7,8-PeCDD	100.00	4.00e+07	1.76 y	33:15	-	0.933 y
20	IS      13C-1,2,3,4,7,8-HxCDD	100.00	3.46e+07	1.27 y	38:37	-	1.16 y
21	IS      13C-1,2,3,6,7,8-HxCDD	100.00	3.07e+07	1.25 y	38:46	-	1.03 y
22	IS      13C-1,2,3,4,6,7,8-HpCDD	100.00	2.78e+07	1.04 y	44:13	-	0.932 y
23	IS      13C-OCDD	200.00	3.72e+07	0.93 y	49:49	-	0.625 y
24	IS      13C-2,3,7,8-TCDF	100.00	7.26e+07	0.87 y	26:40	-	1.05 y
25	IS      13C-1,2,3,7,8-PeCDF	100.00	6.43e+07	1.73 y	31:30	-	0.931 y
26	IS      13C-2,3,4,7,8-PeCDF	100.00	6.19e+07	1.73 y	32:49	-	0.896 y
27	IS      13C-1,2,3,4,7,8-HxCDF	100.00	5.60e+07	0.55 y	37:13	-	1.88 y
28	IS      13C-1,2,3,6,7,8-HxCDF	100.00	7.47e+07	0.56 y	37:25	-	2.51 y
29	IS      13C-2,3,4,6,7,8-HxCDF	100.00	6.05e+07	0.56 y	38:21	-	2.03 y
30	IS      13C-1,2,3,7,8,9-HxCDF	100.00	6.55e+07	0.54 y	39:47	-	2.20 y
31	IS      13C-1,2,3,4,6,7,8-HpCDF	100.00	3.52e+07	0.44 y	42:18	-	1.18 y
32	IS      13C-1,2,3,4,7,8,9-HpCDF	100.00	2.71e+07	0.42 y	45:08	-	0.909 y
33	IS      13C-OCDF	200.00	7.35e+07	0.99 y	50:11	-	1.23 y
34	C/Up      37Cl-2,3,7,8-TCDD	200.00	6.26e+07		27:26	-	0.731 y
35	RS      13C-1,2,3,4-TCDD	100.00	4.28e+07	0.84 y	26:50	4.28e+05	- n
36	RS      13C-1,2,3,4-TCDF	100.00	6.91e+07	0.87 y	25:34	6.91e+05	- n
37	RS/RT      13C-1,2,3,7,8,9-HxCDD	100.00	2.98e+07	1.25 y	39:13	2.98e+05	- n
38	Tot      Total Tetra-Dioxins	0.00	-	- n	-	-	1.14 y
39	Tot      Total Penta-Dioxins	0.00	-	- n	-	-	1.15 y
40	Tot      Total Hexa-Dioxins	0.00	-	- n	-	-	1.43 y
41	Tot      Total Hepta-Dioxins	0.00	-	- n	-	-	1.48 y
42	Tot      Total Tetra-Furans	0.00	-	- n	-	-	1.48 y
43	Tot      1st Fn. Tot Penta-Furans	0.00	-	- n	-	-	0.994 y
44	Tot      Total Penta-Furans	0.00	-	- n	-	-	0.994 y
45	Tot      Total Hexa-Furans	0.00	-	- n	-	-	0.980 y
46	Tot      Total Hepta-Furans	0.00	-	- n	-	-	1.48 y

Analyst: 

Date: 

USEPA - ITD

FORM 3A

PCDD/PCDF INITIAL CALIBRATION RELATIVE RESPONSES

Lab Name: Frontier Analytical Laboratory Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 8/23/10

Instrument ID: FAL3 GC Column ID: db5

CS0 Data Filename: 23AUG10M S3 CS3 Data Filename: 23AUG10M S1

CS1 Data Filename: 23AUG10M S4 CS4 Data Filename: 23AUG10M S6

CS2 Data Filename: 23AUG10M S5 CS5 Data Filename: 23AUG10M S7

	RELATIVE RESPONSE (RR)						MEAN RR	Cv (%RSD)
	CS1	CS2	CS3	CS4	CS5	CS6		
NATIVE ANALYTES								
2,3,7,8-TCDD	1.07	1.09	1.06	1.16	1.13	1.14	1.11	3.63
1,2,3,7,8-PeCDD	1.03	1.08	1.09	1.11	1.15	1.15	1.10	4.14
1,2,3,4,7,8-HxCDD	1.40	1.30	1.31	1.36	1.44	1.42	1.37	4.29
1,2,3,6,7,8-HxCDD	1.30	1.38	1.39	1.32	1.43	1.42	1.37	3.80
1,2,3,7,8,9-HxCDD	1.29	1.31	1.37	1.30	1.45	1.45	1.36	5.24
1,2,3,4,6,7,8-HpCDD	1.43	1.47	1.45	1.44	1.45	1.48	1.45	1.37
OCDD	1.37	1.37	1.42	1.44	1.42	1.59	1.43	5.81
2,3,7,8-TCDF	1.57	1.60	1.50	1.40	1.47	1.48	1.50	4.91
1,2,3,7,8-PeCDF	0.92	0.88	0.92	0.96	0.99	0.99	0.94	4.53
2,3,4,7,8-PeCDF	0.88	0.90	0.91	0.93	0.99	1.00	0.94	5.35
1,2,3,4,7,8-HxCDF	0.90	0.88	0.90	0.91	0.99	1.00	0.93	5.70
1,2,3,6,7,8-HxCDF	0.75	0.79	0.82	0.83	0.87	0.88	0.82	5.91
2,3,4,6,7,8-HxCDF	0.87	0.86	0.92	0.89	0.98	0.99	0.92	6.02
1,2,3,7,8,9-HxCDF	0.90	0.94	0.99	1.00	1.08	1.08	1.00	7.30
1,2,3,4,6,7,8-HpCDF	1.28	1.33	1.37	1.39	1.49	1.47	1.39	5.78
1,2,3,4,7,8,9-HpCDF	1.30	1.20	1.33	1.35	1.45	1.50	1.36	7.94
OCDF	0.73	0.72	0.75	0.79	0.86	0.87	0.79	8.29

Analyst: 

Date: 8/24/10

## USEPA - ITD

## FORM 3B

## PCDD/PCDF INITIAL CALIBRATION RELATIVE RESPONSES

Lab Name: Frontier Analytical Laboratory Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 8/23/10

Instrument ID: FAL3 GC Column ID: db5

CS0 Data Filename: 23AUG10M S3 CS4 Data Filename: 23AUG10M S1

CS1 Data Filename: 23AUG10M S4 CS4 Data Filename: 23AUG10M S6

CS2 Data Filename: 23AUG10M S5 CS5 Data Filename: 23AUG10M S7

Labeled Compounds	RELATIVE RESPONSE (RR)						MEAN RR	Cv (%RSD)
	CS1	CS2	CS3	CS4	CS5	CS6		
13C-2,3,7,8-TCDD	0.98	0.98	0.97	0.98	1.15	1.08	1.02	7.46
13C-1,2,3,7,8-PeCDD	0.79	0.79	0.79	0.79	0.95	0.93	0.84	9.48
13C-1,2,3,4,7,8-HxCDD	1.06	1.03	1.06	1.01	1.12	1.16	1.07	5.40
13C-1,2,3,6,7,8-HxCDD	1.00	1.00	1.00	1.02	1.03	1.03	1.01	1.62
13C-1,2,3,4,6,7,8-HpCDD	0.82	0.82	0.84	0.83	0.90	0.93	0.86	5.45
13C-OCDD	0.52	0.51	0.52	0.52	0.58	0.63	0.55	8.36
13C-2,3,7,8-TCDF	0.97	0.92	0.93	0.96	1.12	1.05	0.99	7.79
13C-1,2,3,7,8-PeCDF	0.78	0.78	0.79	0.79	0.95	0.93	0.84	9.74
13C-2,3,4,7,8-PeCDF	0.77	0.75	0.76	0.78	0.91	0.90	0.81	8.97
13C-1,2,3,4,7,8-HxCDF	1.82	1.85	1.85	1.81	1.91	1.88	1.85	2.00
13C-1,2,3,6,7,8-HxCDF	2.55	2.51	2.52	2.51	2.62	2.51	2.54	1.71
13C-2,3,4,6,7,8-HxCDF	2.00	2.00	1.98	2.00	2.08	2.03	2.01	1.79
13C-1,2,3,7,8,9-HxCDF	1.97	1.94	1.96	1.98	2.14	2.20	2.03	5.42
13C-1,2,3,4,6,7,8-HpCDF	1.08	1.05	1.12	1.07	1.16	1.18	1.11	4.80
13C-1,2,3,4,7,8,9-HpCDF	0.78	0.76	0.78	0.77	0.83	0.91	0.80	7.16
13C-OCDF	1.00	1.00	1.05	1.05	1.16	1.23	1.08	8.63
CLEANUP STANDARD								
37Cl-2,3,7,8-TCDD	0.67	0.70	0.63	0.63	0.76	0.73	0.69	7.67

Analyst: Date: 8/24/10



## USEPA - ITD

## FORM 3C

## PCDD/PCDF INITIAL CALIBRATION ION ABUNDANCE RATIOS

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Initial Calibration Date: 8/23/10

Instrument ID: FAL3

GC Column ID: db5

CS0 Data Filename: 23AUG10M S3 CS3 Data Filename: 23AUG10M S1

CS1 Data Filename: 23AUG10M S4 CS4 Data Filename: 23AUG10M S6

CS2 Data Filename: 23AUG10M S5 CS5 Data Filename: 23AUG10M S7

NATIVE ANALYTES	M/Z'S FORMING RATIO	ION ABUNDANCE RATIOS						QC LIMITS
		CS1	CS2	CS3	CS4	CS5	CS6	
2,3,7,8-TCDD	M/M+2	0.73	0.74	0.76	0.73	0.76	0.76	0.65-0.89
1,2,3,7,8-PeCDD	M+2/M+4	1.70	1.61	1.62	1.64	1.62	1.63	1.32-1.78
1,2,3,4,7,8-HxCDD	M+2/M+4	1.42	1.42	1.40	1.41	1.40	1.39	1.05-1.43
1,2,3,6,7,8-HxCDD	M+2/M+4	1.40	1.42	1.40	1.39	1.41	1.40	1.05-1.43
1,2,3,7,8,9-HxCDD	M+2/M+4	1.41	1.39	1.40	1.41	1.41	1.38	1.05-1.43
1,2,3,4,6,7,8-HpCDD	M+2/M+4	1.02	1.07	1.04	1.04	1.03	1.03	0.88-1.20
OCDD	M+2/M+4	1.00	0.99	0.89	0.95	1.00	0.92	0.76-1.02
2,3,7,8-TCDF	M/M+2	0.67	0.69	0.69	0.67	0.67	0.66	0.65-0.89
1,2,3,7,8-PeCDF	M+2/M+4	1.49	1.45	1.50	1.53	1.55	1.52	1.32-1.78
2,3,4,7,8-PeCDF	M+2/M+4	1.48	1.43	1.51	1.52	1.52	1.52	1.32-1.78
1,2,3,4,7,8-HxCDF	M+2/M+4	1.22	1.27	1.30	1.29	1.27	1.28	1.05-1.43
1,2,3,6,7,8-HxCDF	M+2/M+4	1.31	1.22	1.24	1.26	1.28	1.27	1.05-1.43
2,3,4,6,7,8-HxCDF	M+2/M+4	1.25	1.31	1.33	1.24	1.26	1.27	1.05-1.43
1,2,3,7,8,9-HxCDF	M+2/M+4	1.15	1.23	1.28	1.28	1.30	1.28	1.05-1.43
1,2,3,4,6,7,8-HpCDF	M+2/M+4	1.04	1.05	1.03	1.04	1.03	1.05	0.88-1.20
1,2,3,4,7,8,9-HpCDF	M+2/M+4	0.99	1.06	1.01	1.04	1.05	1.08	0.88-1.20
OCDF	M+2/M+4	0.93	0.89	0.92	0.93	0.92	0.93	0.76-1.02

Analyst: 

Date: 8/24/10

## FORM 3D

## PCDD/PCDF INITIAL CALIBRATION ION ABUNDANCE RATIOS

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Initial Calibration Date: 8/23/10

Instrument ID: FAL3

GC Column ID: db5

CS0 Data Filename: 23AUG10M S3 CS3 Data Filename: 23AUG10M S1

CS1 Data Filename: 23AUG10M S4 CS4 Data Filename: 23AUG10M S6

CS2 Data Filename: 23AUG10M S5 CS5 Data Filename: 23AUG10M S7

Labeled Compounds	M/Z'S FORMING RATIO	ION ABUNDANCE RATIOS						QC LIMITS
		CS1	CS2	CS3	CS4	CS5	CS6	
13C-2,3,7,8-TCDD	M/M+2	0.85	0.84	0.83	0.86	0.85	0.84	0.65-0.89
13C-1,2,3,7,8-PeCDD	M+2/M+4	1.77	1.77	1.77	1.77	1.76	1.76	1.32-1.78
13C-1,2,3,4,7,8-HxCDD	M+2/M+4	1.26	1.32	1.27	1.26	1.27	1.27	1.05-1.43
13C-1,2,3,6,7,8-HxCDD	M+2/M+4	1.26	1.22	1.28	1.27	1.28	1.25	1.05-1.43
13C-1,2,3,4,6,7,8-HpCDD	M+2/M+4	1.00	1.02	1.02	1.04	1.01	1.04	0.88-1.20
13C-OCDD	M+2/M+4	1.00	0.99	0.95	0.93	0.94	0.93	0.76-1.02
13C-2,3,7,8-TCDF	M/M+2	0.88	0.86	0.88	0.86	0.88	0.87	0.65-0.89
13C-1,2,3,7,8-PeCDF	M+2/M+4	1.74	1.73	1.74	1.78	1.75	1.73	1.32-1.78
13C-2,3,4,7,8-PeCDF	M+2/M+4	1.74	1.68	1.71	1.74	1.73	1.73	1.32-1.78
13C-1,2,3,4,7,8-HxCDF	M/M+2	0.55	0.55	0.55	0.56	0.55	0.55	0.43-0.59
13C-1,2,3,6,7,8-HxCDF	M/M+2	0.56	0.55	0.55	0.55	0.55	0.56	0.43-0.59
13C-2,3,4,6,7,8-HxCDF	M/M+2	0.58	0.57	0.56	0.54	0.54	0.56	0.43-0.59
13C-1,2,3,7,8,9-HxCDF	M/M+2	0.54	0.55	0.56	0.55	0.54	0.54	0.43-0.59
13C-1,2,3,4,6,7,8-HpCDF	M/M+2	0.42	0.44	0.43	0.42	0.43	0.44	0.37-0.51
13C-1,2,3,4,7,8,9-HpCDF	M/M+2	0.43	0.42	0.41	0.42	0.43	0.42	0.37-0.51
13C-OCDF	M+2/M+4	0.95	0.96	1.00	0.98	0.99	0.99	0.76-1.02

Analyst: 

Date: 8/24/10

## USEPA - ITD

FORM 4A  
PCDD/PCDF CALIBRATION VERIFICATION

Lab Name: Frontier Analytical Laboratory Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 8/23/10

Instrument ID: FAL3

GC Column ID: db5

VER Data Filename: 23AUG10M Sam:1

Analysis Date: 23-AUG-10 14:25:46

NATIVE ANALYTES	M/Z'S	ION	QC	ACCEPT	CONC.	CONC.
	FORMING	ABUND.	LIMITS		FOUND	RANGE
	RATIO (1)	RATIO	(2)			(ng/mL) (3)
2,3,7,8-TCDD	M/M+2	0.73	0.65-0.89	y	10.4	7.80 - 12.9
1,2,3,7,8-PeCDD	M+2/M+4	1.64	1.32-1.78	y	50.6	39.0 - 65.0
1,2,3,4,7,8-HxCDD	M+2/M+4	1.41	1.05-1.43	y	49.6	39.0 - 64.0
1,2,3,6,7,8-HxCDD	M+2/M+4	1.39	1.05-1.43	y	48.0	39.0 - 64.0
1,2,3,7,8,9-HxCDD	M+2/M+4	1.41	1.05-1.43	y	47.9	41.0 - 61.0
1,2,3,4,6,7,8-HpCDD	M+2/M+4	1.04	0.88-1.20	y	49.5	43.0 - 58.0
OCDD	M+2/M+4	0.95	0.76-1.02	y	100	79.0 - 126
2,3,7,8-TCDF	M/M+2	0.67	0.65-0.89	y	9.30	8.40 - 12.0
1,2,3,7,8-PeCDF	M+2/M+4	1.53	1.32-1.78	y	50.9	41.0 - 60.0
2,3,4,7,8-PeCDF	M+2/M+4	1.52	1.32-1.78	y	49.8	41.0 - 60.0
1,2,3,4,7,8-HxCDF	M+2/M+4	1.29	1.05-1.43	y	48.8	45.0 - 56.0
1,2,3,6,7,8-HxCDF	M+2/M+4	1.26	1.05-1.43	y	50.3	44.0 - 57.0
2,3,4,6,7,8-HxCDF	M+2/M+4	1.24	1.05-1.43	y	48.5	44.0 - 57.0
1,2,3,7,8,9-HxCDF	M+2/M+4	1.28	1.05-1.43	y	50.3	45.0 - 56.0
1,2,3,4,6,7,8-HpCDF	M+2/M+4	1.04	0.88-1.20	y	49.9	45.0 - 55.0
1,2,3,4,7,8,9-HpCDF	M+2/M+4	1.04	0.88-1.20	y	49.8	43.0 - 58.0
OCDF	M+2/M+4	0.93	0.76-1.02	y	99.9	63.0 - 159

(1) See Table 8, Method 1613, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 9, Method 1613.

(3) Contract-required concentration range as specified in Table 6, Method 1613.

Analyst: Date: 8/24/10

## USEPA - ITD

FORM 4B  
PCDD/PCDF CALIBRATION VERIFICATION

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Initial Calibration Date: 8/23/10

Instrument ID: FAL3

GC Column ID: db5

VER Data Filename: 23AUG10M Sam:1

Analysis Date: 23-AUG-10 14:25:46

LABELED COMPOUNDS	M/Z'S FORMING RATIO (1)	ION ABUND. RATIO	QC LIMITS (2)	ACCEPT	CONC. FOUND	CONC. RANGE (ng/mL) (3)
13C-2,3,7,8-TCDD	M/M+2	0.86	0.65-0.89	y	95.9	82.0 - 121
13C-1,2,3,7,8-PeCDD	M+2/M+4	1.77	1.32-1.78	y	94.2	62.0 - 160
13C-1,2,3,4,7,8-HxCDD	M+2/M+4	1.26	1.05-1.43	y	94.5	85.0 - 117
13C-1,2,3,6,7,8-HxCDD	M+2/M+4	1.27	1.05-1.43	y	100	85.0 - 118
13C-1,2,3,4,6,7,8-HpCDD	M+2/M+4	1.04	0.88-1.20	y	97.0	72.0 - 138
13C-OCDD	M+2/M+4	0.93	0.76-1.02	y	191	96.0 - 415
13C-2,3,7,8-TCDF	M/M+2	0.86	0.65-0.89	y	96.5	71.0 - 140
13C-1,2,3,7,8-PeCDF	M+2/M+4	1.78	1.32-1.78	y	94.8	76.0 - 130
13C-2,3,4,7,8-PeCDF	M+2/M+4	1.74	1.32-1.78	y	96.5	77.0 - 130
13C-1,2,3,4,7,8-HxCDF	M/M+2	0.56	0.43-0.59	y	97.7	76.0 - 131
13C-1,2,3,6,7,8-HxCDF	M/M+2	0.55	0.43-0.59	y	99.0	70.0 - 143
13C-2,3,4,6,7,8-HxCDF	M/M+2	0.54	0.43-0.59	y	99.4	73.0 - 137
13C-1,2,3,7,8,9-HxCDF	M/M+2	0.55	0.43-0.59	y	97.2	74.0 - 135
13C-1,2,3,4,6,7,8-HpCDF	M/M+2	0.42	0.37-0.51	y	96.4	78.0 - 129
13C-1,2,3,4,7,8,9-HpCDF	M/M+2	0.42	0.37-0.51	y	96.0	77.0 - 129
13C-OCDF	M+2/M+4	0.98	0.76-1.02	y	194	96.0 - 415
CLEANUP STANDARD (4)						
37Cl-2,3,7,8-TCDD					9.14	7.80 - 12.8

(1) See Table 8, Method 1613, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 9, Method 1613.

(3) Contract-required concentration range as specified in Table 6, Method 1613.

(4) No ion abundance ratio; report concentration found.

Analyst: Date: 8/24/10

FORM 5  
PCDD/PCDF RT WINDOW AND ISOMER SPECIFICITY STANDARDS

Lab Name: Frontier Analytical Laboratory Episode No.:  
Contract No.: SAS No.:  
Instrument ID: FAL3 Initial Calibration Date: 8/23/10  
RT Window Data Filename: 23AUG10M Sam:1 Analysis Date: 23-AUG-10 Time: 14:25:46  
DB-5 IS Data Filename: 23AUG10M Sam:1 Analysis Date: 23-AUG-10 Time: 14:25:46  
DB-225 IS Date Filename: Analysis Date: Time:

DB-5 RT WINDOW DEFINING STANDARDS RESULTS

ISOMERS	ABSOLUTE RT	ISOMERS	ABSOLUTE RT
1,3,6,8-TCDD (F)	24:24	1,3,6,8-TCDF (F)	23:04
1,2,8,9-TCDD (L)	28:21	1,2,8,9-TCDF (L)	28:34
1,2,4,7,9-PeCDD (F)	30:15	1,3,4,6,8-PeCDF (F)	28:25
1,2,3,8,9-PeCDD (L)	33:48	1,2,3,8,9-PeCDF (L)	34:14
1,2,4,6,7,9-HxCDD (F)	36:08	1,2,3,4,6,8-HxCDF (F)	35:15
1,2,3,7,8,9-HxCDD (L)	39:13	1,2,3,7,8,9-HxCDF (L)	39:47
1,2,3,4,6,7,9-HpCDD (F)	42:49	1,2,3,4,6,7,8-HpCDF (F)	42:18
1,2,3,4,6,7,8-HpCDD (L)	44:13	1,2,3,4,7,8,9-HpCDF (L)	45:08

(F) = First eluting isomer (DB-5); (L) = Last eluting isomer (DB-5)

=====

ISOMER SPECIFICITY (IS) TEST STANDARD RESULTS

% VALLEY HEIGHT  
BETWEEN  
COMPARED PEAKS (1)

<25%

(1) To meet contract requirement, %Valley Height Between Compared Peaks shall not exceed 25% (section 15.4.2.2, Method 1613).

Analyst: 

Date: 8/24/10

## USEPA - ITD

FORM 6A  
PCDD/PCDF RELATIVE RETENTION TIMES

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Init. Cal. Date: 8/23/10

Instrument ID: FAL3

GC Column ID: db5

Analysis Date: 23-AUG-10 14:25:46

CS3 or VER Data Filename: 23AUG10M

Sam:1

NATIVE ANALYTES	RETENTION TIME		RRT	RRT
	REFERENCE			QC LIMITS (1)
2,3,7,8-TCDD	13C-2,3,7,8-TCDD		1.001	0.999-1.002
2,3,7,8-TCDF	13C-2,3,7,8-TCDF		1.001	0.999-1.003
1,2,3,7,8-PeCDD	13C-1,2,3,7,8-PeCDD		1.001	0.999-1.002
1,2,3,7,8-PeCDF	13C-1,2,3,7,8-PeCDF		1.001	0.999-1.002
2,3,4,7,8-PeCDF	13C-2,3,4,7,8-PeCDF		1.001	0.999-1.002
LABELED COMPOUNDS				
37Cl-2,3,7,8-TCDD	13C-1,2,3,4-TCDD		1.022	0.989-1.052
13C-2,3,7,8-TCDD			1.021	0.976-1.043
13C-2,3,7,8-TCDF			0.993	0.923-1.103
13C-1,2,3,7,8-PeCDD			1.239	1.000-1.567
13C-1,2,3,7,8-PeCDF			1.174	0.923-1.203
13C-2,3,4,7,8-PeCDF			1.223	0.923-1.303

(1) Contract-required limits for Relative Retention Times (RRT) as specified in Table 2, Method 1613.

Analyst: Date: 8/24/10

## USEPA - ITD

FORM 6B  
PCDD/PCDF RELATIVE RETENTION TIMES

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Init. Cal. Date: 8/23/10

Instrument ID: FAL3

GC Column ID: db5

Analysis Date: 23-AUG-10 14:25:46

CS3 or VER Data Filename: 23AUG10M

Sam:1

NATIVE ANALYTES	RETENTION TIME REFERENCE	RRT	RRT QC LIMITS (1)
1,2,3,4,7,8-HxCDD	13C-1,2,3,4,7,8-HxCDD	1.000	0.999-1.001
1,2,3,6,7,8-HxCDD	13C-1,2,3,6,7,8-HxCDD	1.000	0.998-1.004
1,2,3,7,8,9-HxCDD	13C-1,2,3,6,7,8-HxCDD	1.012	1.000-1.019
1,2,3,4,7,8-HxCDF	13C-1,2,3,4,7,8-HxCDF	1.000	0.999-1.001
1,2,3,6,7,8-HxCDF	13C-1,2,3,6,7,8-HxCDF	1.001	0.997-1.005
2,3,4,6,7,8-HxCDF	13C-2,3,4,6,7,8-HxCDF	1.001	0.999-1.001
1,2,3,7,8,9-HxCDF	13C-1,2,3,7,8,9-HxCDF	1.001	0.999-1.001
1,2,3,4,6,7,8-HpCDD	13C-1,2,3,4,6,7,8-HpCDD	1.001	0.999-1.001
1,2,3,4,6,7,8-HpCDF	13C-1,2,3,4,6,7,8-HpCDF	1.000	0.999-1.001
1,2,3,4,7,8,9-HpCDF	13C-1,2,3,4,7,8,9-HpCDF	1.001	0.999-1.001
OCDD	13C-OCDD	1.001	0.999-1.001
OCDF	13C-OCDF	1.000	0.999-1.001
LABELED COMPOUNDS			
13C-1,2,3,4,7,8-HxCDD	13C-1,2,3,7,8,9-HxCDD	0.985	0.977-1.000
13C-1,2,3,6,7,8-HxCDD		0.989	0.981-1.003
13C-1,2,3,4,7,8-HxCDF		0.949	0.944-0.970
13C-1,2,3,6,7,8-HxCDF		0.954	0.949-0.975
13C-2,3,4,6,7,8-HxCDF		0.978	0.959-1.021
13C-1,2,3,7,8,9-HxCDF		1.014	0.977-1.047
13C-1,2,3,4,6,7,8-HpCDD		1.128	1.086-1.130
13C-1,2,3,4,6,7,8-HpCDF		1.079	1.043-1.085
13C-1,2,3,4,7,8,9-HpCDF		1.151	1.057-1.154
13C-OCDD		1.270	1.032-1.311
13C-OCDF		1.279	1.000-1.311

(1) Contract-required limits for Relative Retention Times (RRT) as specified  
in Table 2, Method 1613.

Analyst: Date: 8/24/10

WHO 1998 Tox: 125      WHO 2005 Tox: 114  
 Conc      Qual      Fac Noise-1      Noise-2      DL

Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	DL
2,3,7,8-TCDD	5.04e+06	0.73 y	27:24	1.11	10.4		2.50	-	-	*
1,2,3,7,8-PeCDD	1.95e+07	1.64 y	33:14	1.10	50.6		2.50	-	-	*
1,2,3,4,7,8-HxCDD	1.81e+07	1.41 y	38:36	1.37	49.6		2.50	-	-	*
1,2,3,6,7,8-HxCDD	1.75e+07	1.39 y	38:46	1.37	48.0		2.50	-	-	*
1,2,3,7,8,9-HxCDD	1.74e+07	1.41 y	39:13	1.36	47.9		2.50	-	-	*
1,2,3,4,6,7,8-HpCDD	1.56e+07	1.04 y	44:13	1.45	49.5		2.50	-	-	*
OCDD	1.96e+07	0.95 y	49:47	1.43	100		2.50	-	-	*
2,3,7,8-TCDF	9.40e+06	0.67 y	26:39	1.50	9.30		2.50	-	-	*
1,2,3,7,8-PeCDF	2.67e+07	1.53 y	31:30	0.94	50.9		2.50	-	-	*
2,3,4,7,8-PeCDF	2.56e+07	1.52 y	32:49	0.94	49.8		2.50	-	-	*
1,2,3,4,7,8-HxCDF	2.15e+07	1.29 y	37:12	0.93	48.8		2.50	-	-	*
1,2,3,6,7,8-HxCDF	2.72e+07	1.26 y	37:24	0.82	50.3		2.50	-	-	*
2,3,4,6,7,8-HxCDF	2.34e+07	1.24 y	38:21	0.92	48.5		2.50	-	-	*
1,2,3,7,8,9-HxCDF	2.60e+07	1.28 y	39:47	1.00	50.3		2.50	-	-	*
1,2,3,4,6,7,8-HpCDF	1.95e+07	1.04 y	42:18	1.39	49.9		2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	1.37e+07	1.04 y	45:08	1.36	49.8		2.50	-	-	*
OCDF	2.16e+07	0.93 y	50:09	0.79	99.9		2.50	-	-	*
Rec										
13C-2,3,7,8-TCDD	4.35e+07	0.86 y	27:23	1.02	95.9					95.9
13C-1,2,3,7,8-PeCDD	3.51e+07	1.77 y	33:13	0.84	94.2					94.2
13C-1,2,3,4,7,8-HxCDD	2.66e+07	1.26 y	38:35	1.07	94.5					94.5
13C-1,2,3,6,7,8-HxCDD	2.66e+07	1.27 y	38:45	1.01	100					100
13C-1,2,3,4,6,7,8-HpCDD	2.18e+07	1.04 y	44:11	0.86	97.0					97.0
13C-OCDD	2.73e+07	0.93 y	49:45	0.55	191					95.3
13C-2,3,7,8-TCDF	6.73e+07	0.86 y	26:38	0.99	96.5					96.5
13C-1,2,3,7,8-PeCDF	5.57e+07	1.78 y	31:28	0.84	94.8					94.8
13C-2,3,4,7,8-PeCDF	5.49e+07	1.74 y	32:48	0.81	96.5					96.5
13C-1,2,3,4,7,8-HxCDF	4.74e+07	0.56 y	37:11	1.85	97.7					97.7
13C-1,2,3,6,7,8-HxCDF	6.58e+07	0.55 y	37:23	2.54	99.0					99.0
13C-2,3,4,6,7,8-HxCDF	5.25e+07	0.54 y	38:19	2.01	99.4					99.4
13C-1,2,3,7,8,9-HxCDF	5.18e+07	0.55 y	39:45	2.03	97.2					97.2
13C-1,2,3,4,6,7,8-HpCDF	2.80e+07	0.42 y	42:17	1.11	96.4					96.4
13C-1,2,3,4,7,8,9-HpCDF	2.02e+07	0.42 y	45:06	0.80	96.0					96.0
13C-OCDF	5.49e+07	0.98 y	50:08	1.08	194					96.8
37Cl-2,3,7,8-TCDD	2.77e+06		27:24	0.69	9.14					91.4
13C-1,2,3,4-TCDD	4.42e+07	0.84 y	26:49	-	98.4					
13C-1,2,3,4-TCDF	7.01e+07	0.87 y	25:33	-	97.0					
13C-1,2,3,7,8,9-HxCDD	2.62e+07	1.28 y	39:11	-	95.1					
Fac Noise-1      Noise-2      DL      #Hom										
Total Tetra-Dioxins	2.58e+07		24:24	1.11	53.5	2.50	-	-	*	19
Total Penta-Dioxins	4.23e+07		30:15	1.10	109	2.50	-	-	*	7
Total Hexa-Dioxins	6.03e+07		36:08	1.37	165	2.50	-	-	*	11
Total Hepta-Dioxins	3.51e+07		42:49	1.45	111	2.50	-	-	*	20
Total Tetra-Furans	4.14e+07		23:04	1.50	41.0	2.50	-	-	*	9
1st Fn. Tot Penta-Furans	3.21e+07		28:25	0.94	61.7	2.50	-	-	*	PeCDF 1
Total Penta-Furans	7.50e+07		30:12	0.94	144	2.50	-	-	*	206 15
Total Hexa-Furans	1.14e+08		35:15	0.91	230	2.50	-	-	*	8
Total Hepta-Furans	3.43e+07		42:18	1.38	103	2.50	-	-	*	14

Analyst: 

Date: 8/24/10



Frontier Analytical Laboratory - Acquisition Log


Run Name:23AUG10M

Instrument: FAL3

GC: DB5

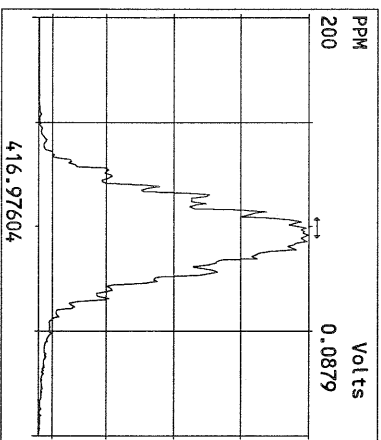
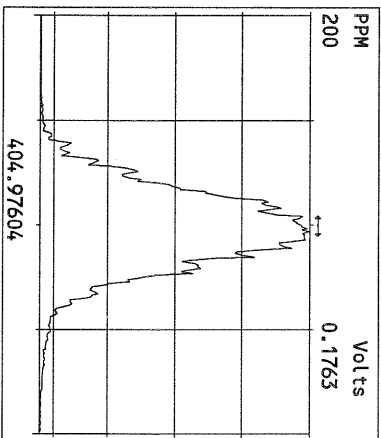
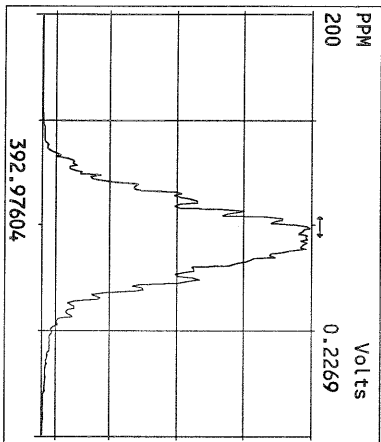
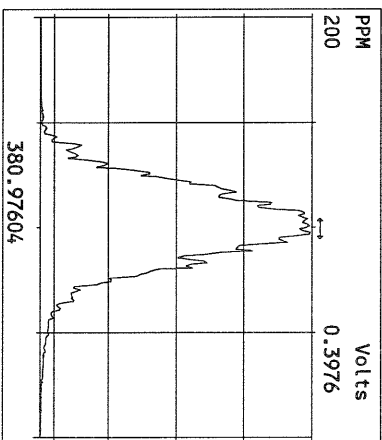
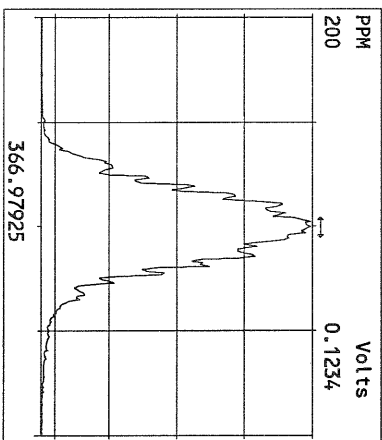
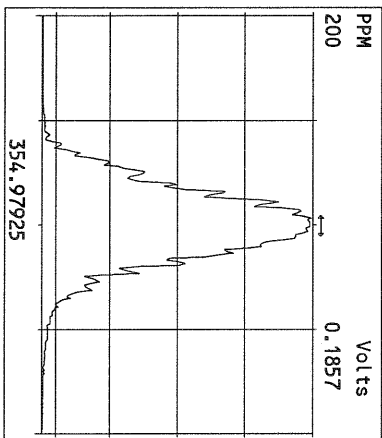
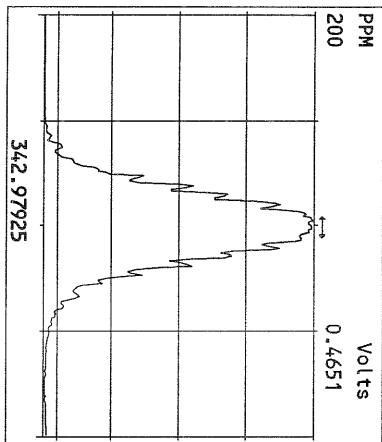
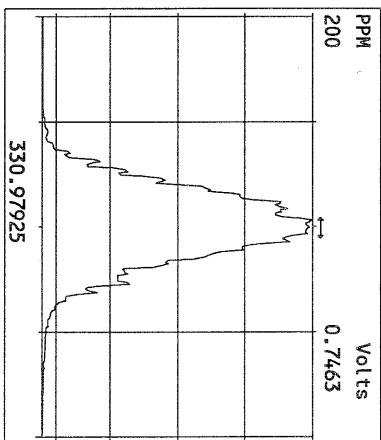
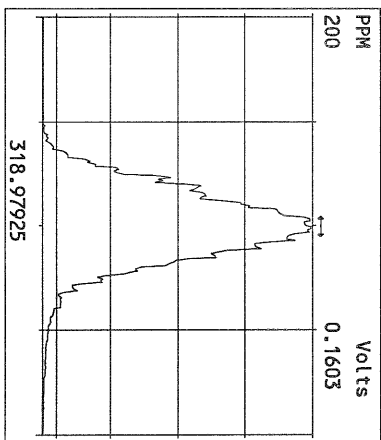
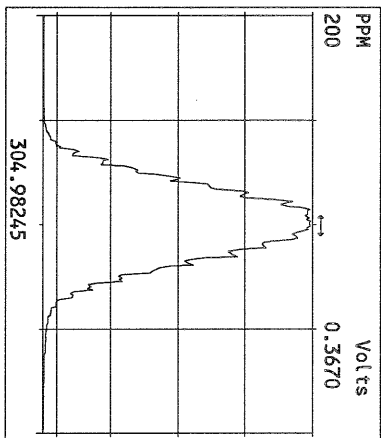
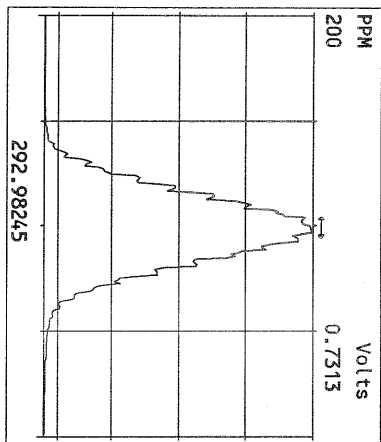
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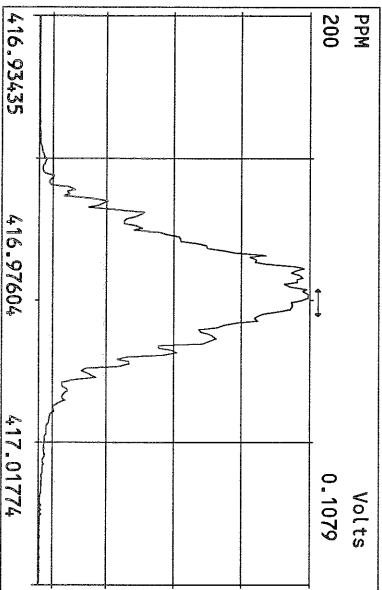
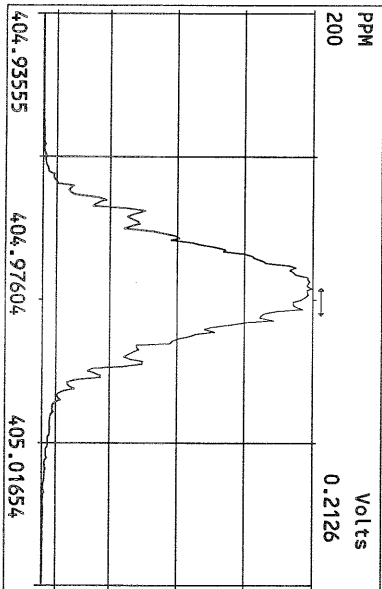
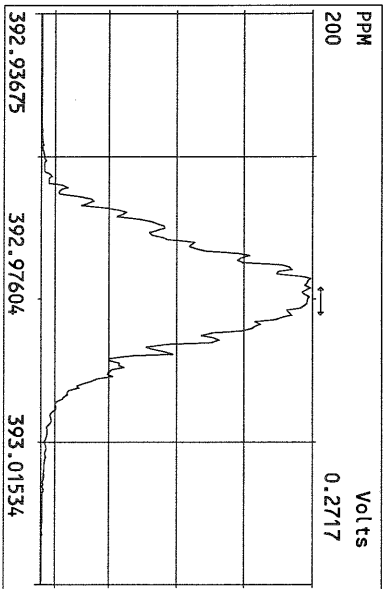
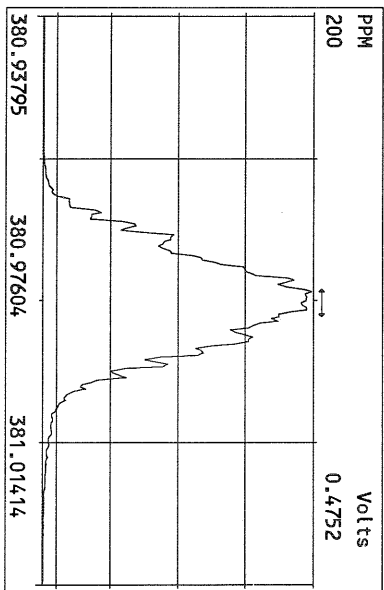
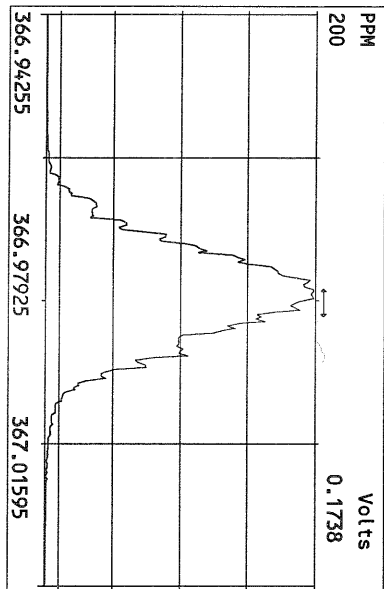
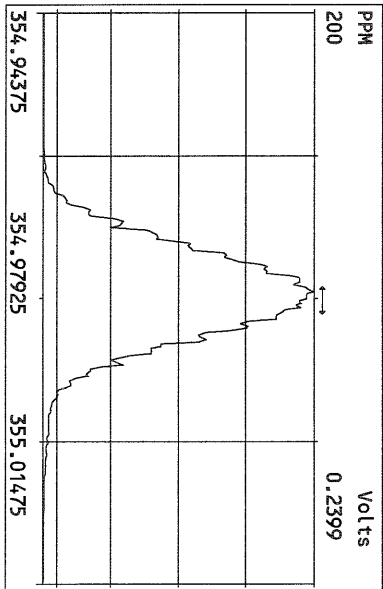
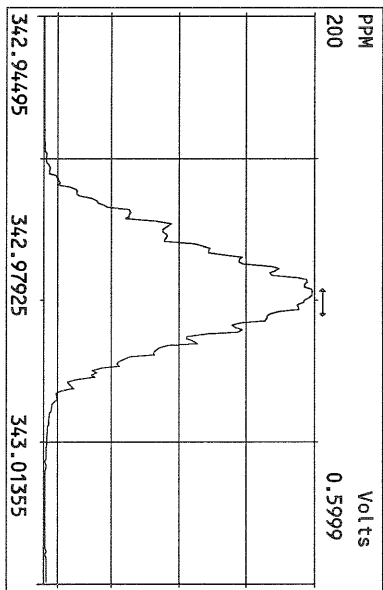
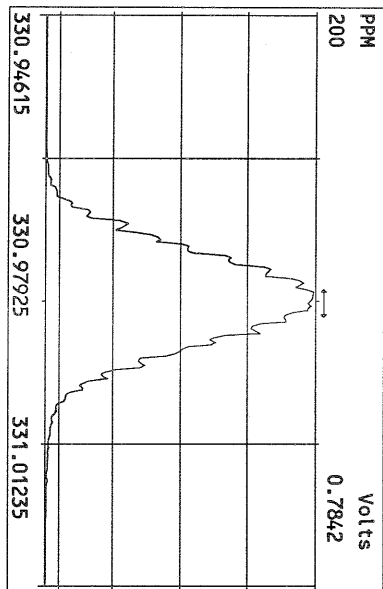
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23AUG10M 10	ST082310M6	1613 CS3 100511J	23-AUG-10 22:44:05	ST082310M3	ST082310M6	BS
23AUG10M 11	ST082310M7	8280 CS3 071227J	23-AUG-10 23:39:28	ST082310M7	ST082310M8	BS
23AUG10M 12	SB082310M2	Solvent Blank	24-AUG-10 00:34:46	ST082310M7	ST082310M8	BS
23AUG10M 13	2088-001-0001-MB	Method Blank	24-AUG-10 01:30:01	ST082310M7	ST082310M8	BS
23AUG10M 14	6263-001-0001-SA	MDL 1	24-AUG-10 02:25:23	ST082310M7	ST082310M8	BS
23AUG10M 15	6263-002-0001-SA	MDL 2	24-AUG-10 03:20:43	ST082310M7	ST082310M8	BS
23AUG10M 16	6263-003-0001-SA	MDL 3	24-AUG-10 04:16:04	ST082310M7	ST082310M8	BS
23AUG10M 17	6263-004-0001-SA	MDL 4	24-AUG-10 05:11:22	ST082310M7	ST082310M8	BS
23AUG10M 18	6263-005-0001-SA	MDL 5	24-AUG-10 06:06:41	ST082310M7	ST082310M8	BS
23AUG10M 19	6263-006-0001-SA	MDL 6	24-AUG-10 07:02:01	ST082310M7	ST082310M8	BS
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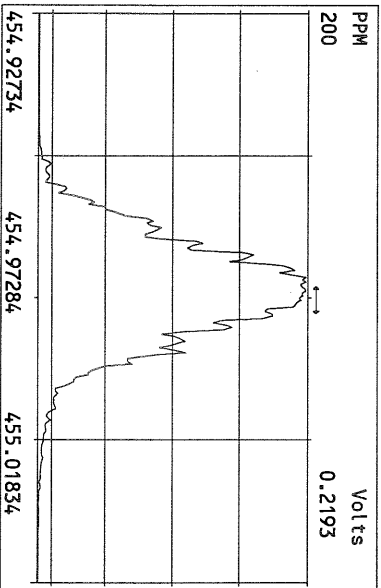
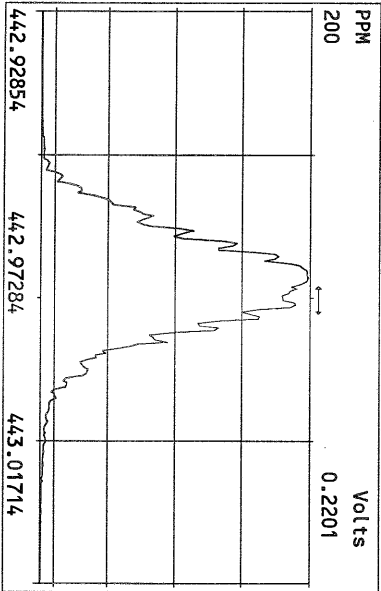
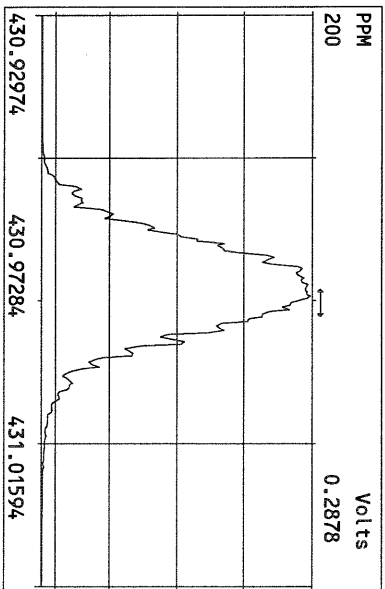
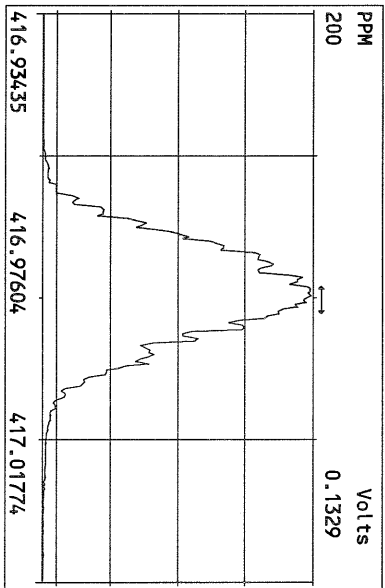
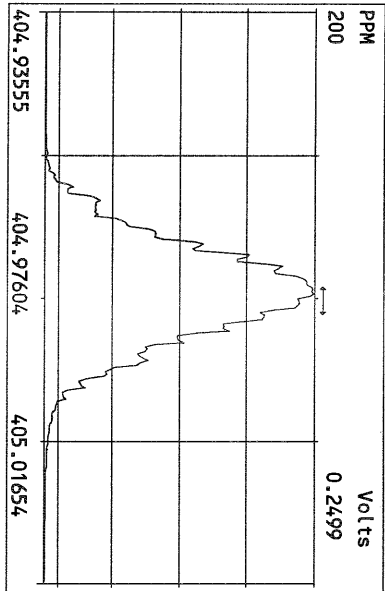
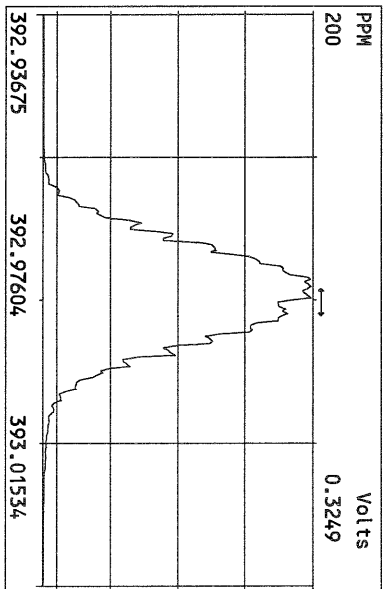
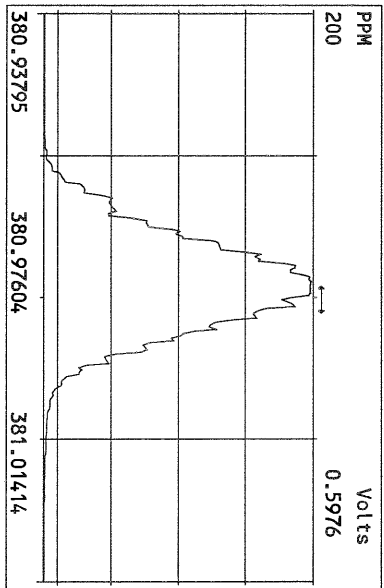
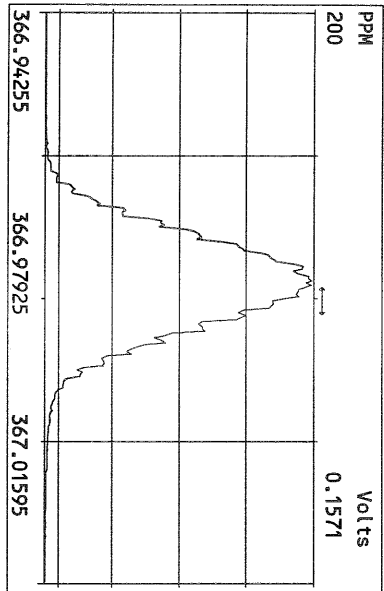
 8/24/10

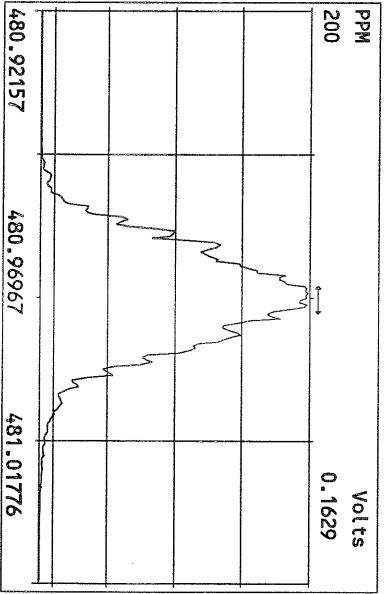
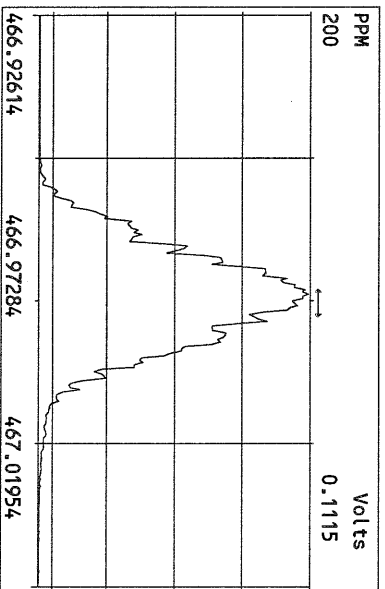
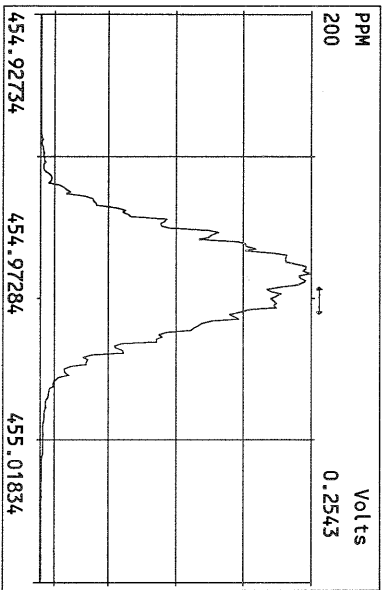
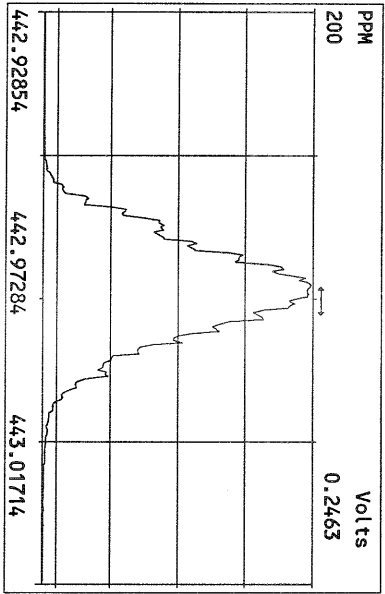
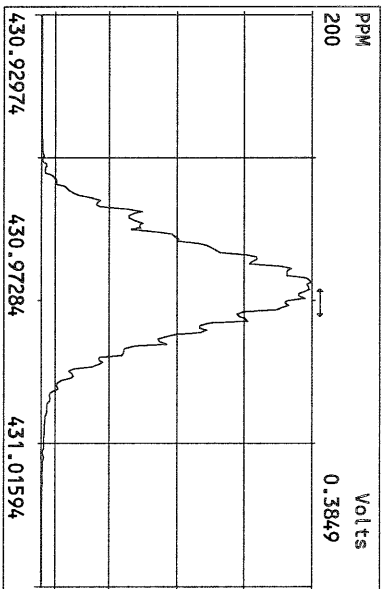
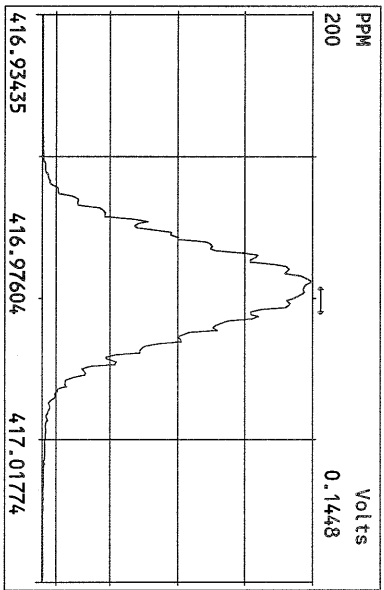
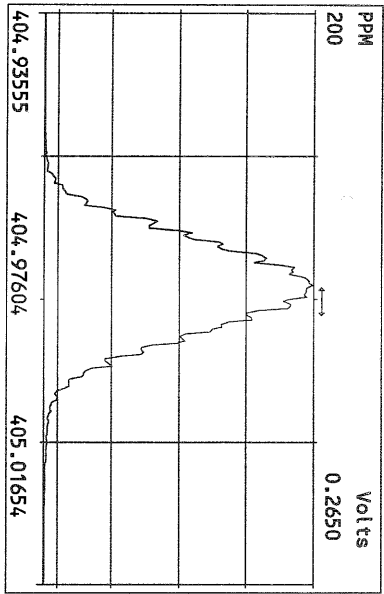
Data Backed Up: \_\_\_\_\_

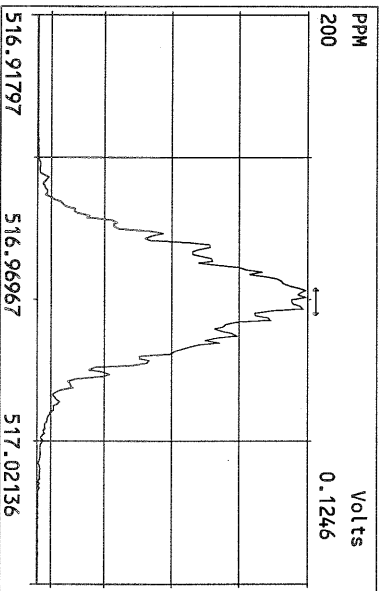
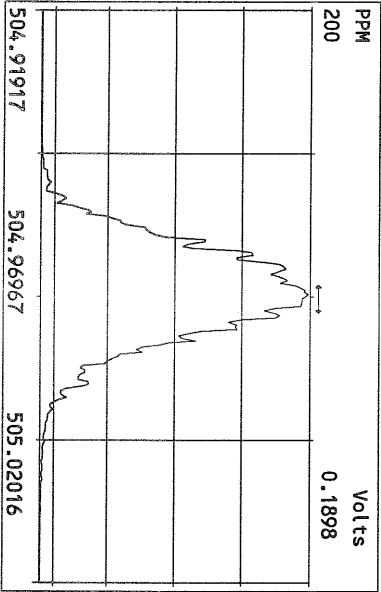
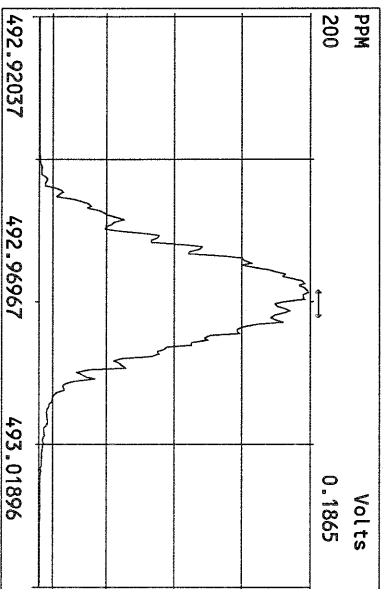
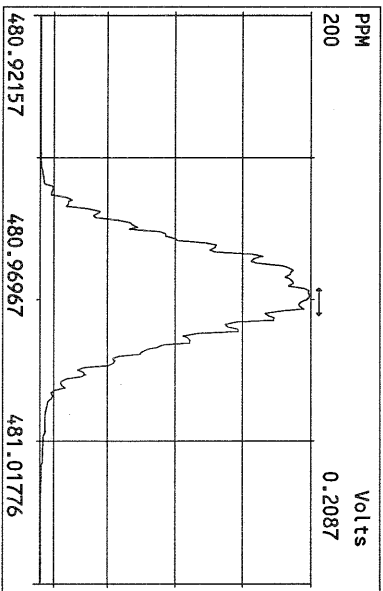
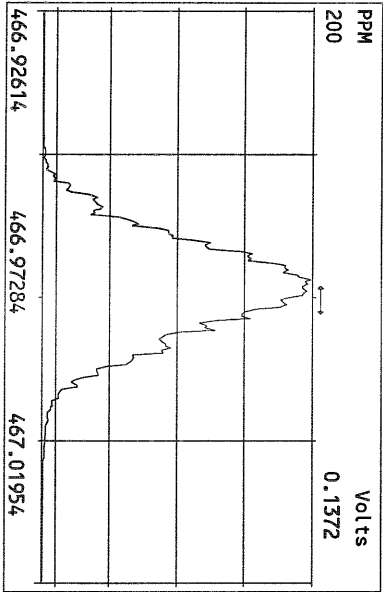
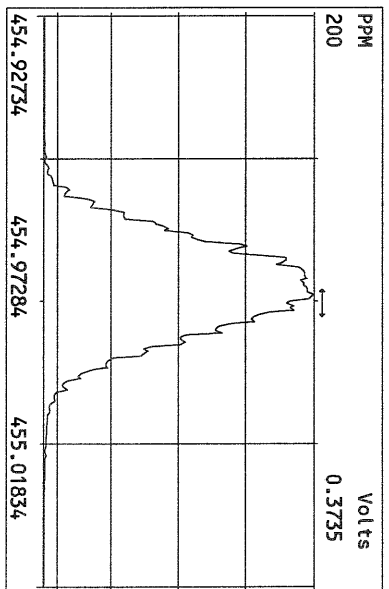
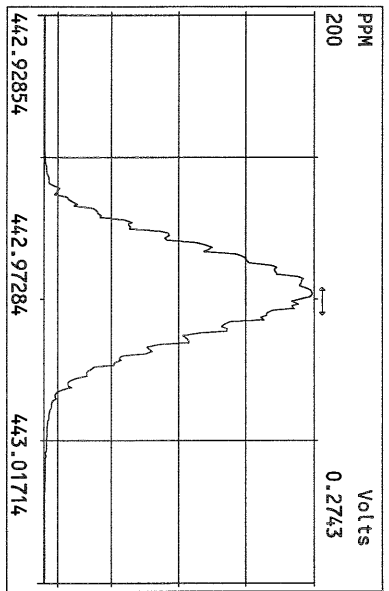
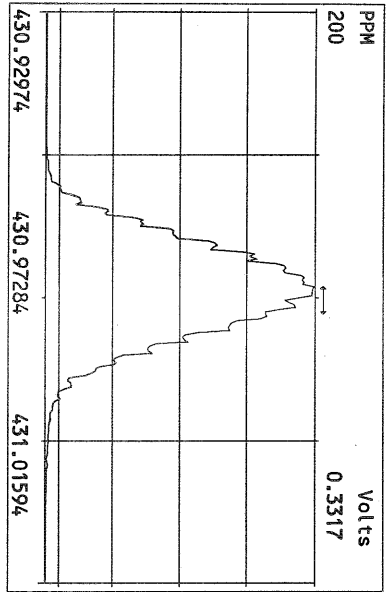
Date: \_\_\_\_\_



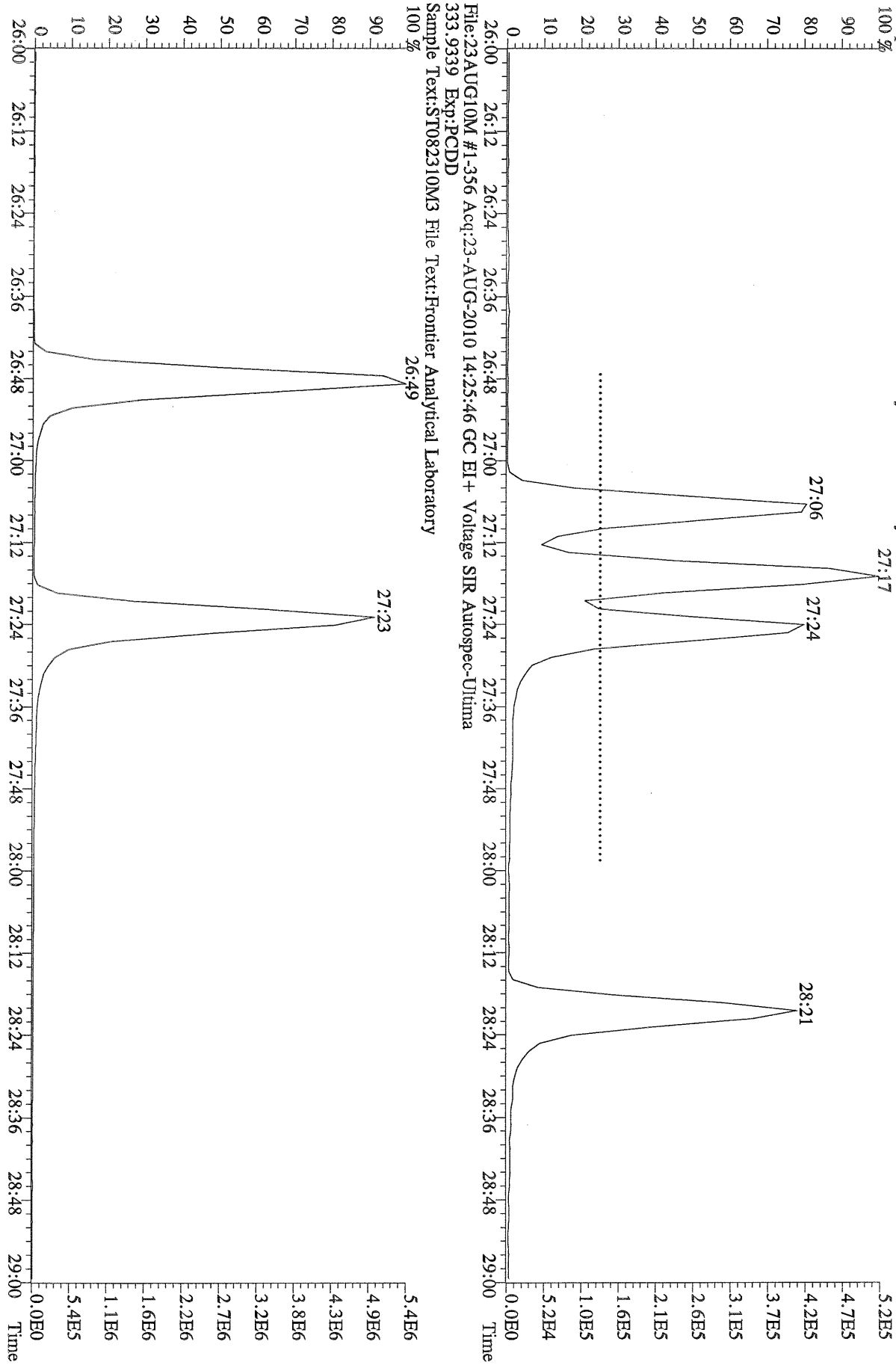






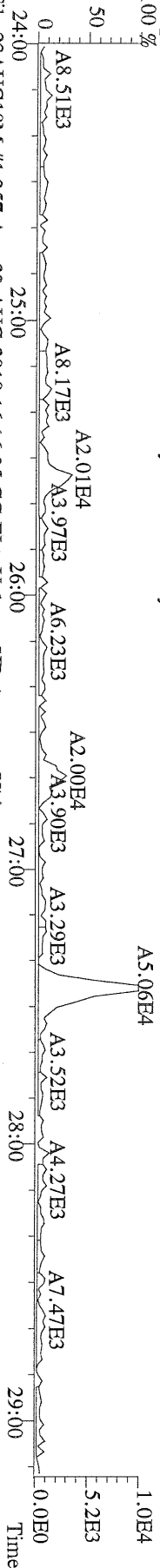


File:23AUG10M #1-356 Acq:23-AUG-2010 14:25:46 GC EI+ Voltage SIR Autospec-Ultima  
319.8965 Exp:PCDD  
Sample Text:ST082310M3 File Text:Frontier Analytical Laboratory

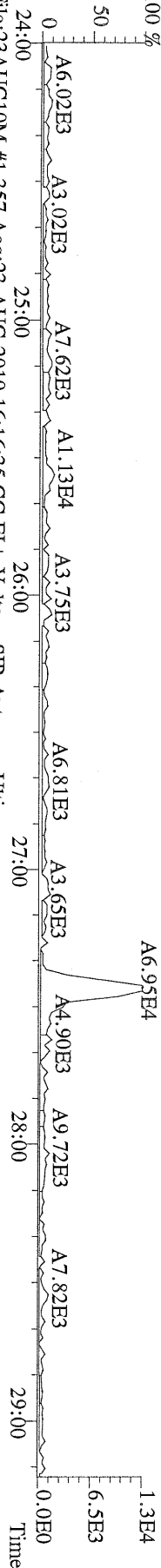


File:23AUG10M #1-356 Acq:23-AUG-2010 14:25:46 GC EI+ Voltage SIR Autospec-Ultima  
333.9339 Exp:PCDD  
Sample Text:ST082310M3 File Text:Frontier Analytical Laboratory

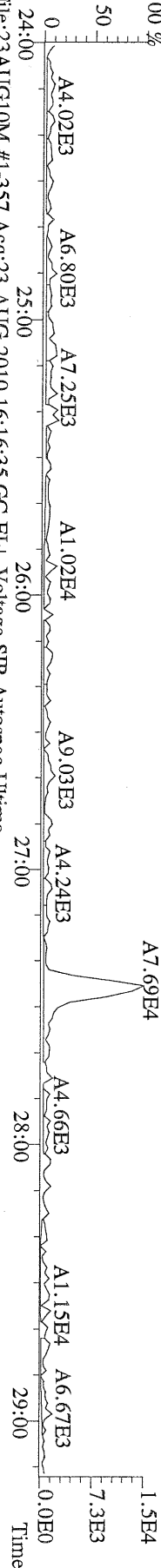
File:23AUG10M #1-357 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
319.8965 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



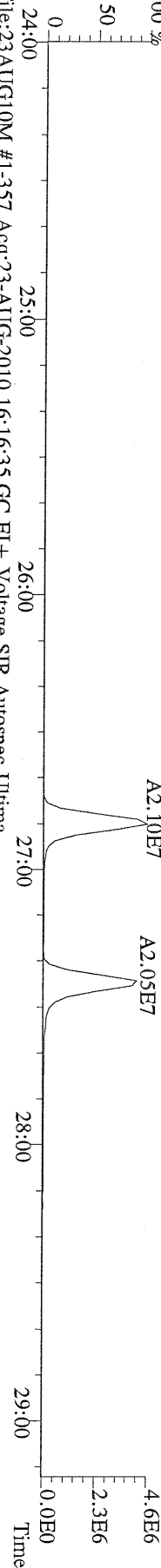
File:23AUG10M #1-357 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
321.8936 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



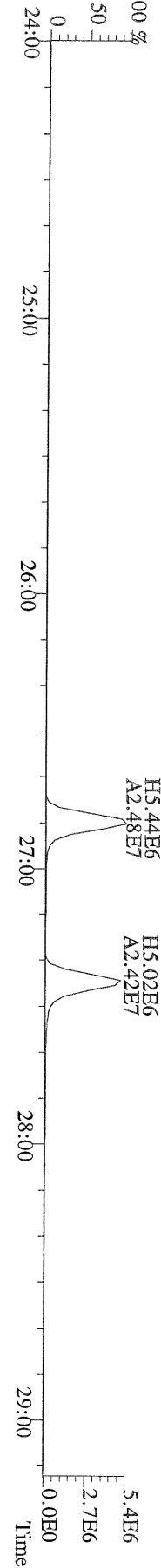
File:23AUG10M #1-357 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
327.8847 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



File:23AUG10M #1-357 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
331.9368 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory

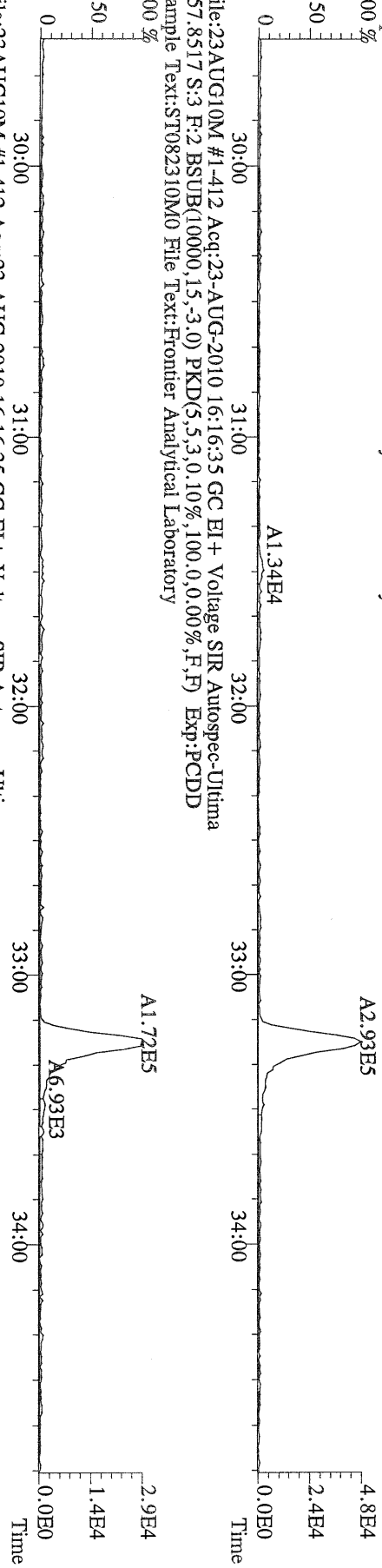


File:23AUG10M #1-357 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
333.9339 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory

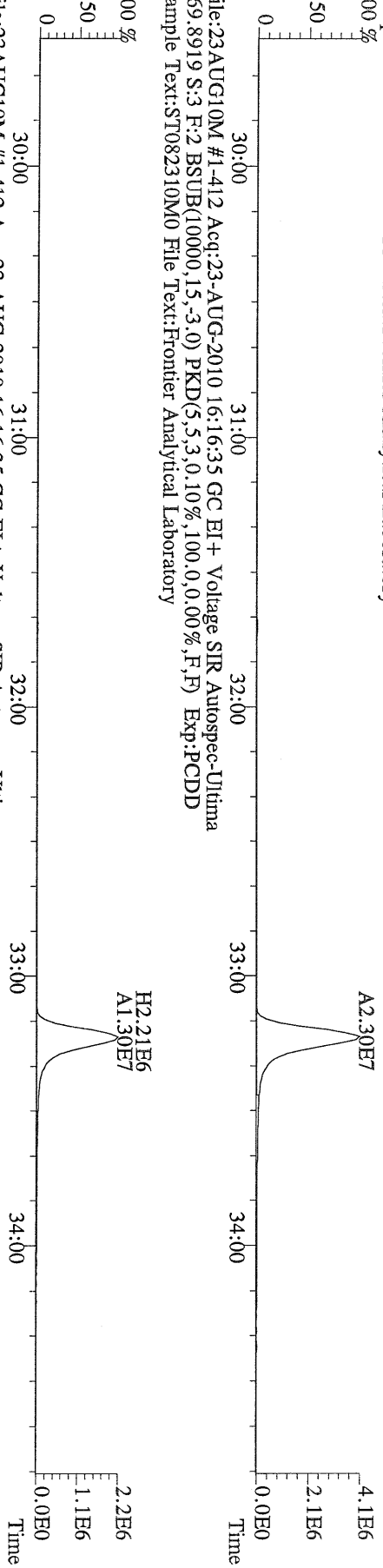




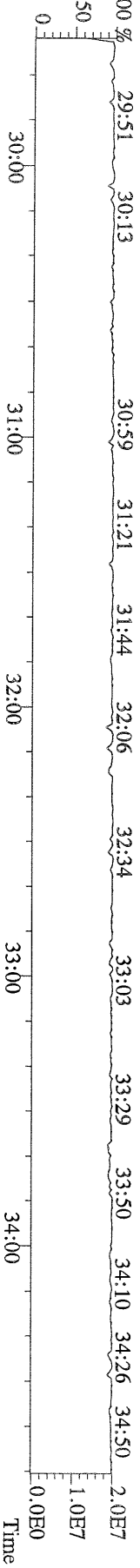
File:23AUG10M #1-412 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
355.8546 S:3 F:2 BSub(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory  
100 %



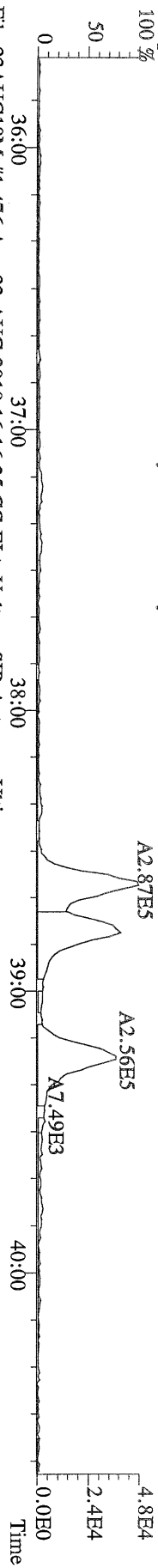
File:23AUG10M #1-412 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
367.8949 S:3 F:2 BSub(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory  
100 %



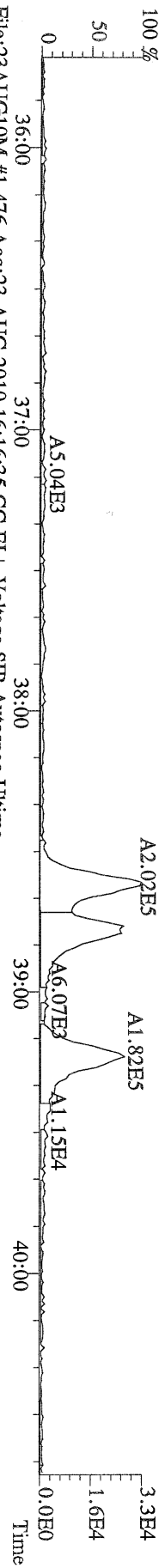
File:23AUG10M #1-412 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
366.9792 S:3 F:2 Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



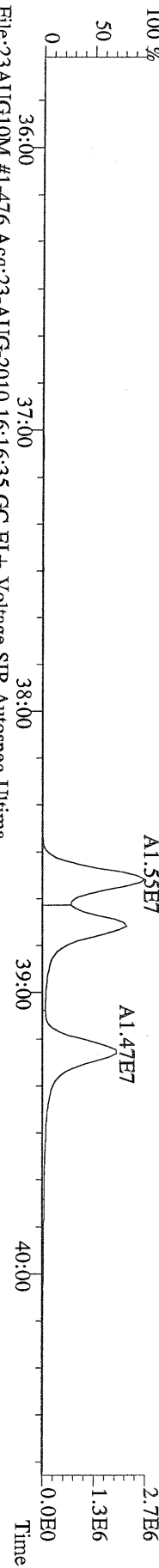
File:23AUG10M #1-476 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 389.8156 S:3 F:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
 Sample Text:ST082310M0 File Text:Fronier Analytical Laboratory



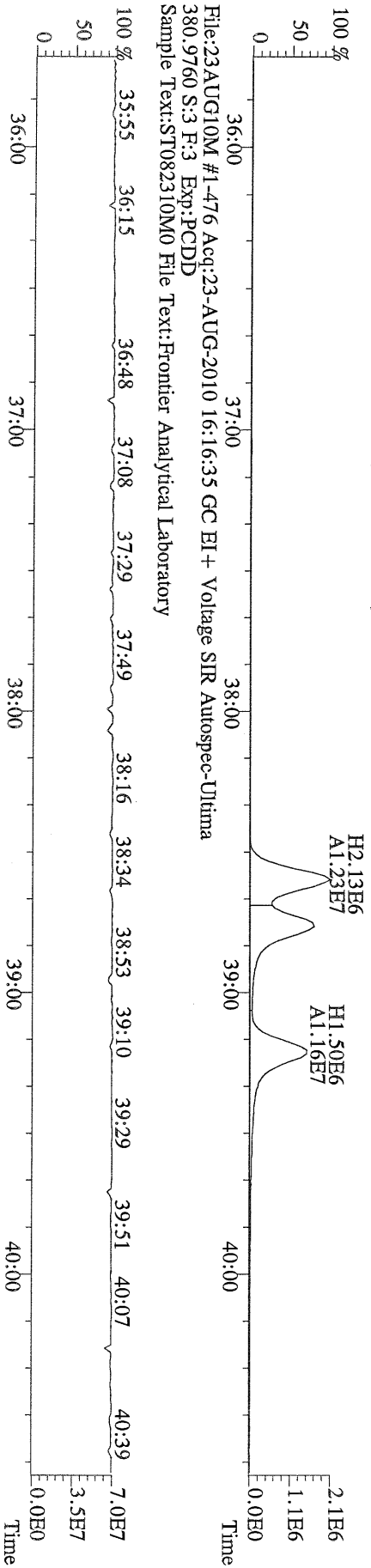
File:23AUG10M #1-476 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 391.8127 S:3 F:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
 Sample Text:ST082310M0 File Text:Fronier Analytical Laboratory



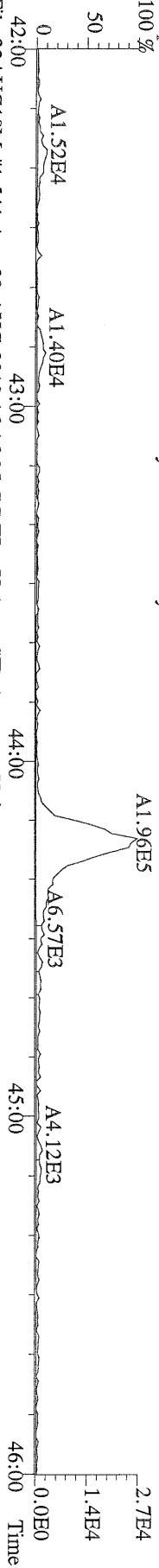
File:23AUG10M #1-476 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 401.8559 S:3 F:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
 Sample Text:ST082310M0 File Text:Fronier Analytical Laboratory



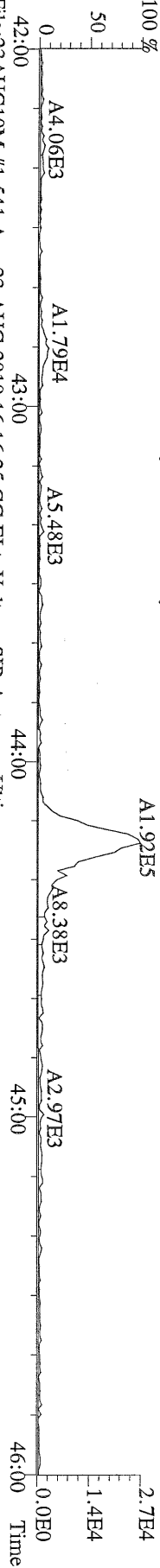
File:23AUG10M #1-476 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 403.8530 S:3 F:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
 Sample Text:ST082310M0 File Text:Fronier Analytical Laboratory



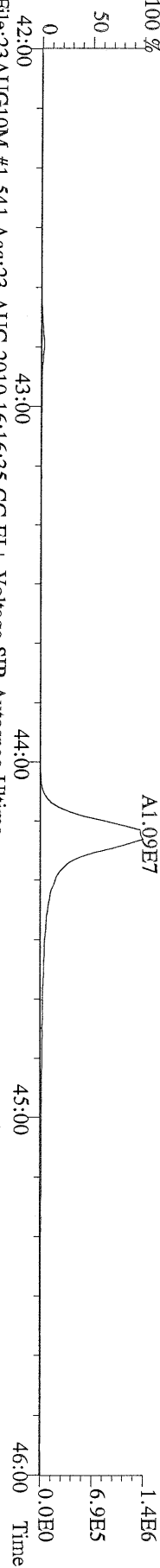
File:23AUG10M #1-541 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
423.7767 S:3 F:4 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



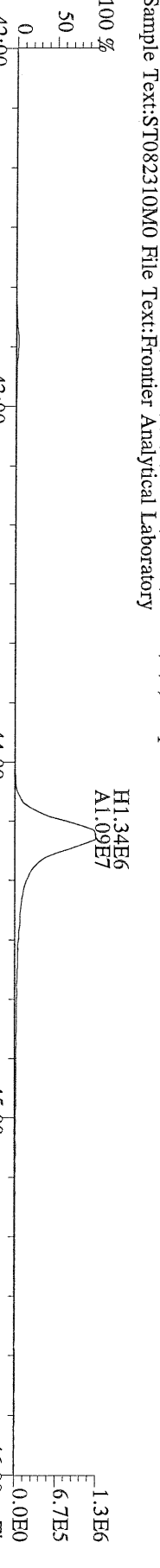
File:23AUG10M #1-541 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
425.7737 S:3 F:4 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



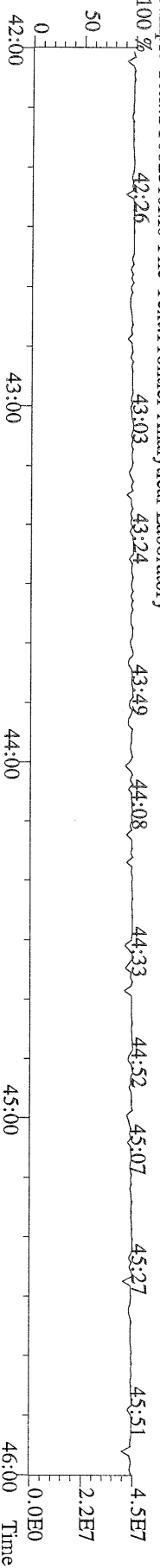
File:23AUG10M #1-541 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
435.8169 S:3 F:4 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



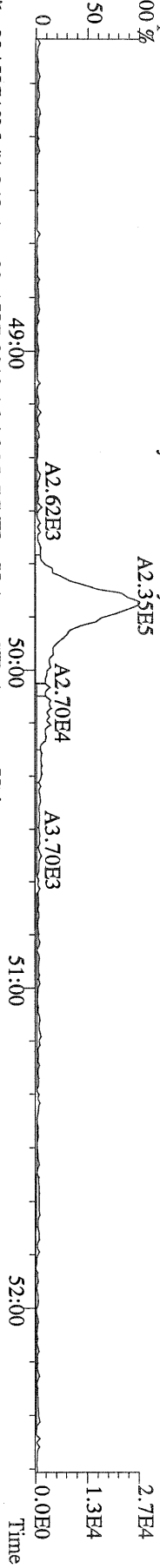
File:23AUG10M #1-541 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
437.8140 S:3 F:4 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



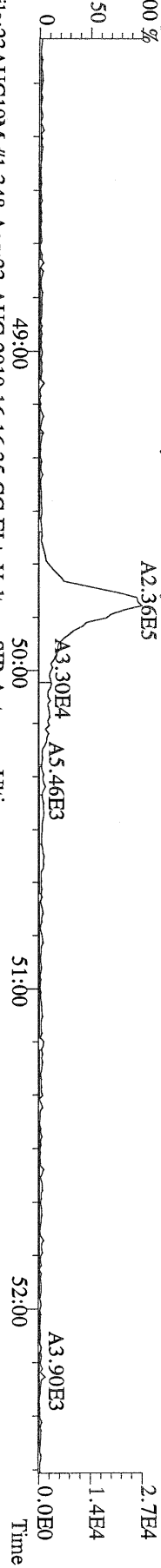
File:23AUG10M #1-541 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
430.9728 S:3 F:4 Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



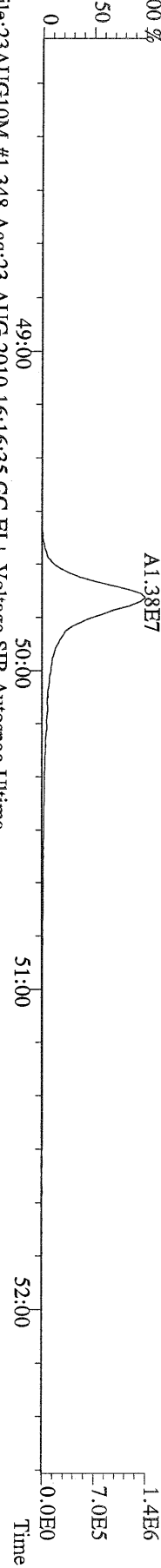
File:23AUG10M #1-348 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
457.7377 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



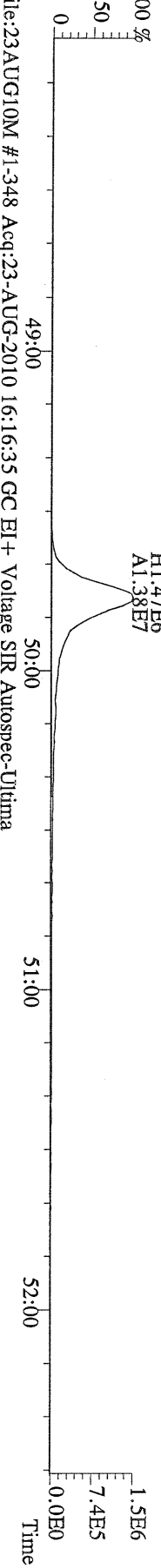
File:23AUG10M #1-348 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
459.7348 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



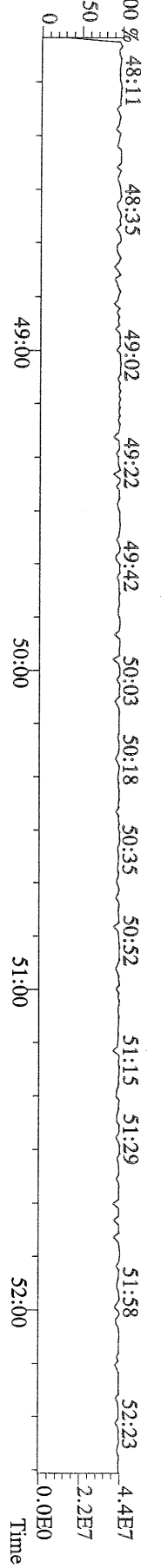
File:23AUG10M #1-348 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
469.7780 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



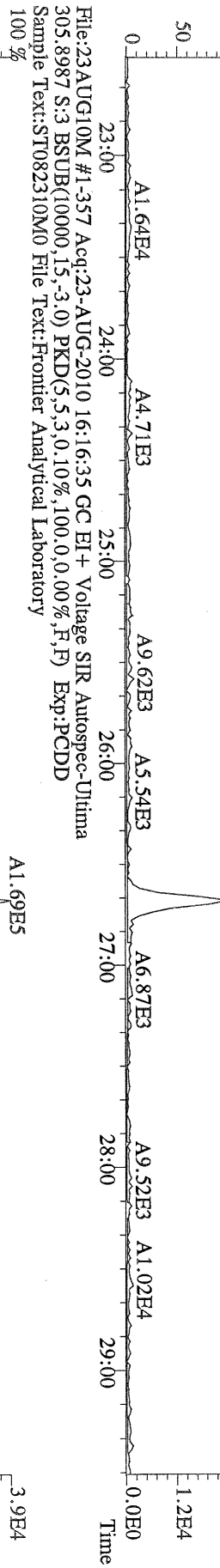
File:23AUG10M #1-348 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
471.7750 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



File:23AUG10M #1-348 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
454.9728 S:3 F:5 Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



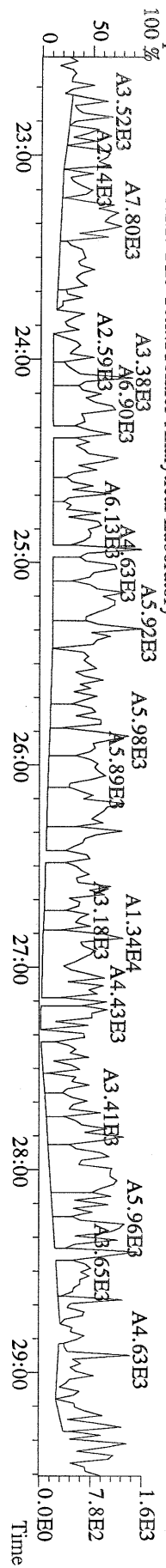
File:23AUG10M #1-357 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 303.9016 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD  
 Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



File:23AUG10M #1-357 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 315.9419 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD  
 Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory

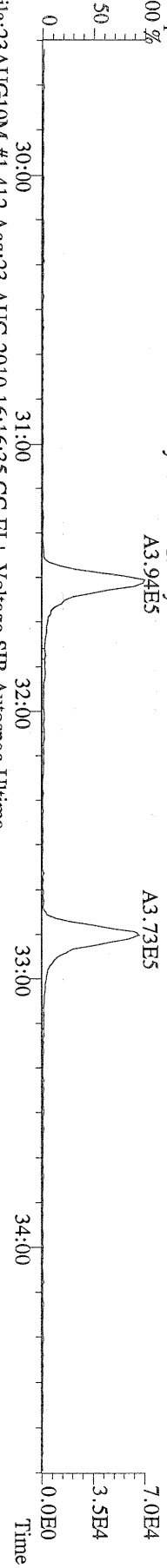


File:23AUG10M #1-357 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 375.8364 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD  
 Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory

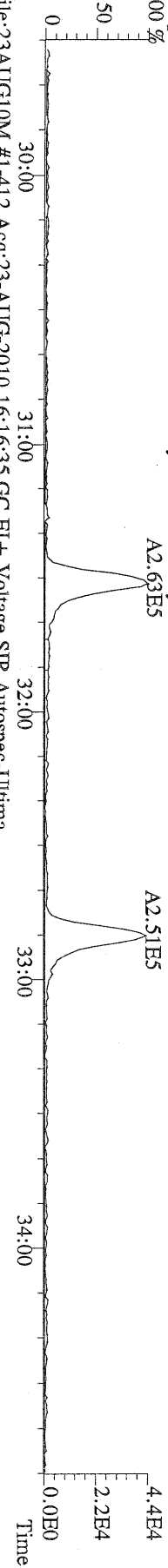




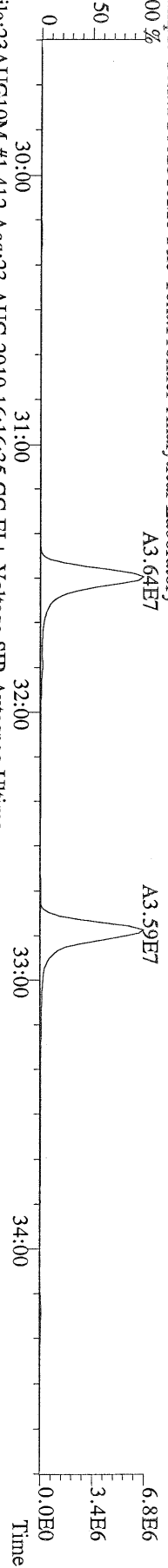
File:23AUG10M #1-412 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 339.8597 S:3 F:2 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp.:PCDD  
 Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



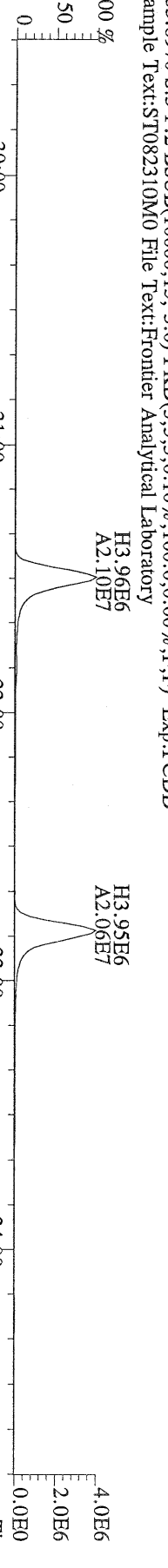
File:23AUG10M #1-412 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 341.8568 S:3 F:2 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp.:PCDD  
 Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



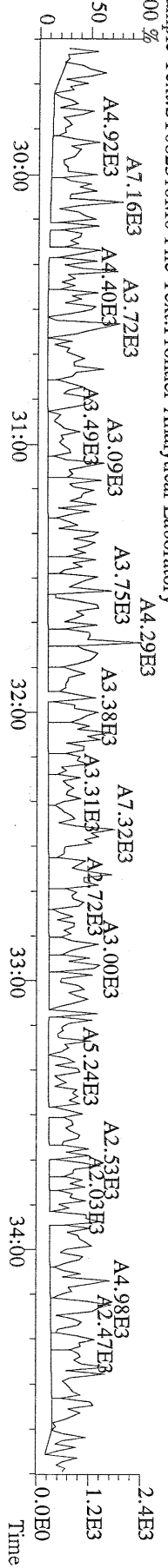
File:23AUG10M #1-412 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 351.9000 S:3 F:2 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp.:PCDD  
 Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



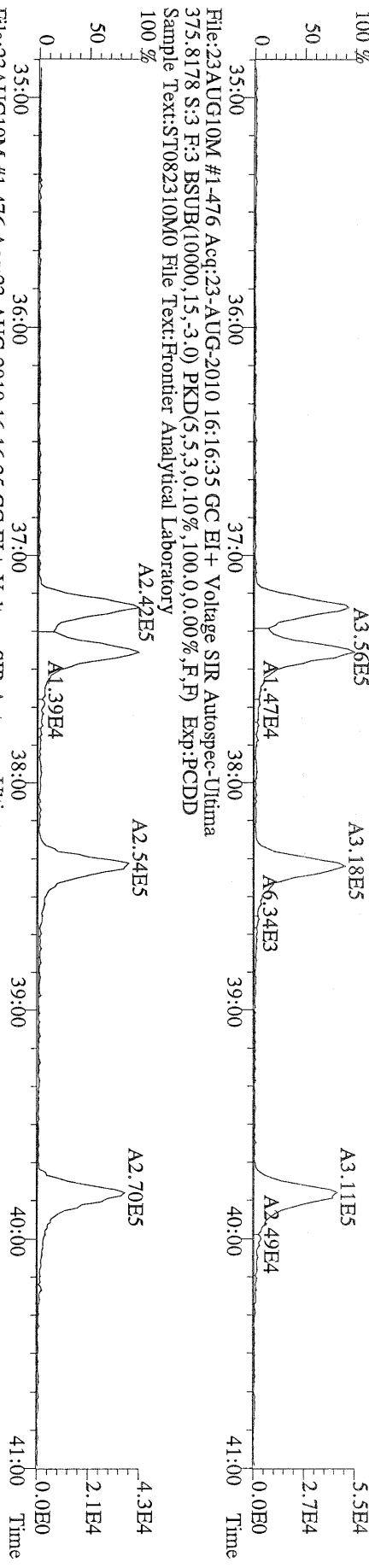
File:23AUG10M #1-412 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 353.8970 S:3 F:2 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp.:PCDD  
 Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



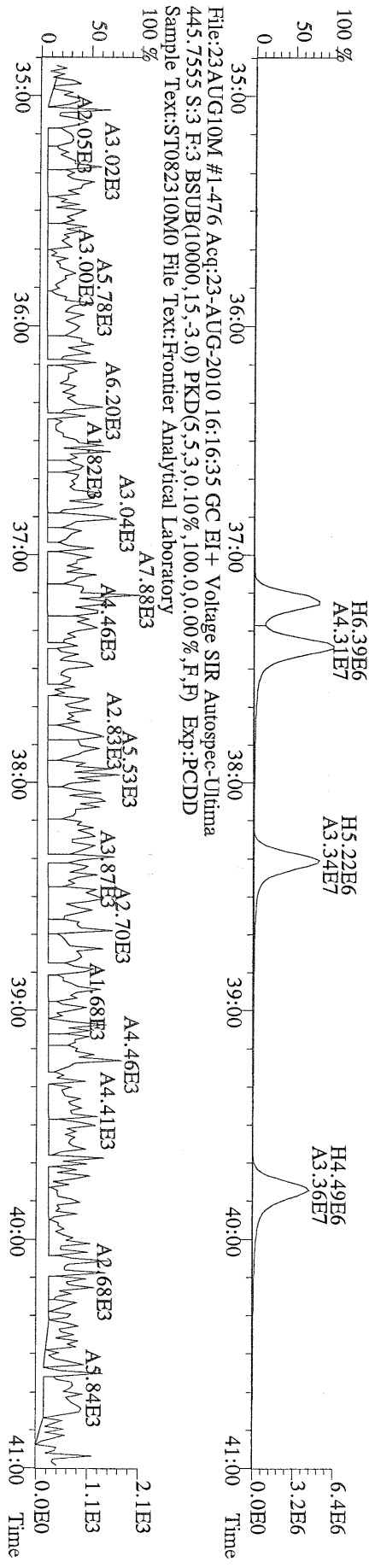
File:23AUG10M #1-412 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 409.7974 S:3 F:2 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp.:PCDD  
 Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



File:23AUG10M #1-476 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
373.8207 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory



File:23AUG10M #1-476 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
383.8639 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory

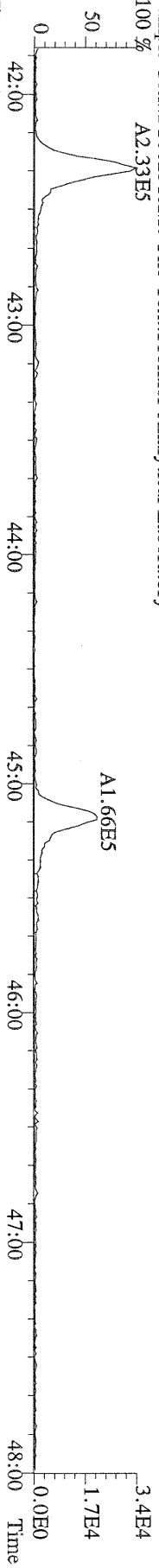


File:23AUG10M #1-476 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
445.7555 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory

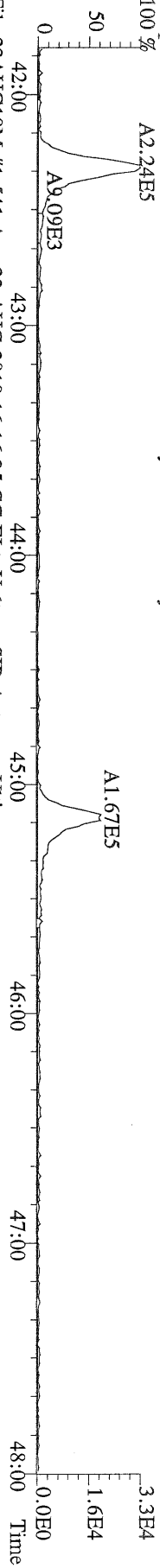




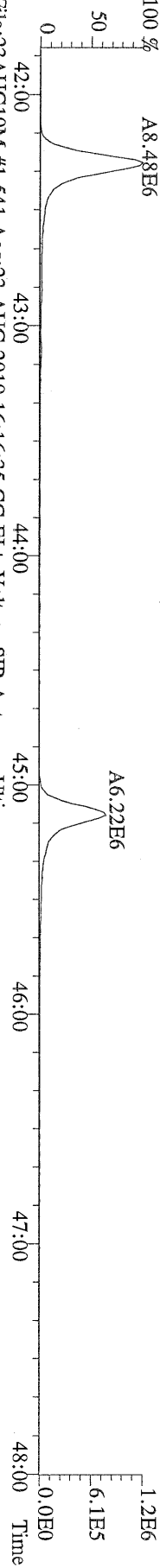
File:23AUG10M #1-541 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 407.7818 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
 Sample Text:ST082310M0 File Text:Fronter Analytical Laboratory  
 100 % A2.33E5



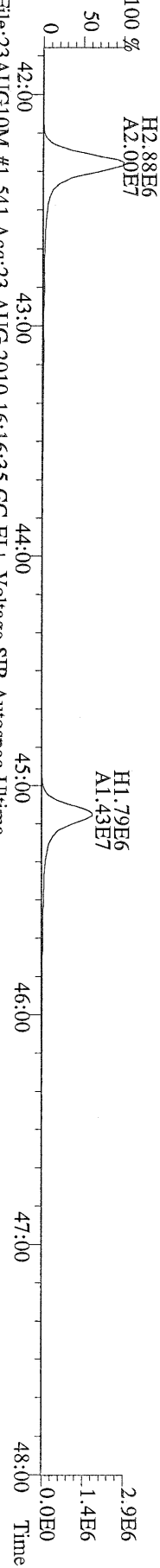
File:23AUG10M #1-541 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 409.7788 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
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 100 % A2.24E5



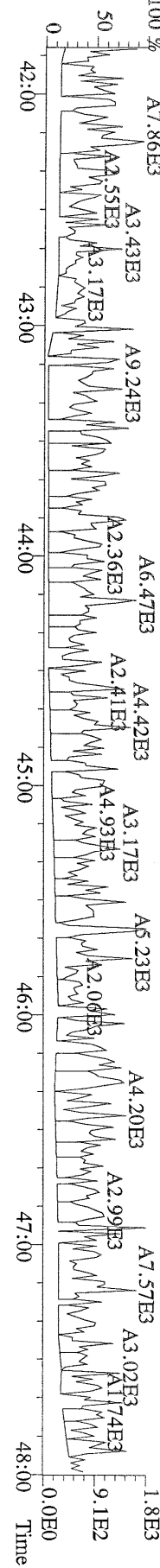
File:23AUG10M #1-541 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 417.8253 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
 Sample Text:ST082310M0 File Text:Fronter Analytical Laboratory  
 100 % A8.48E6



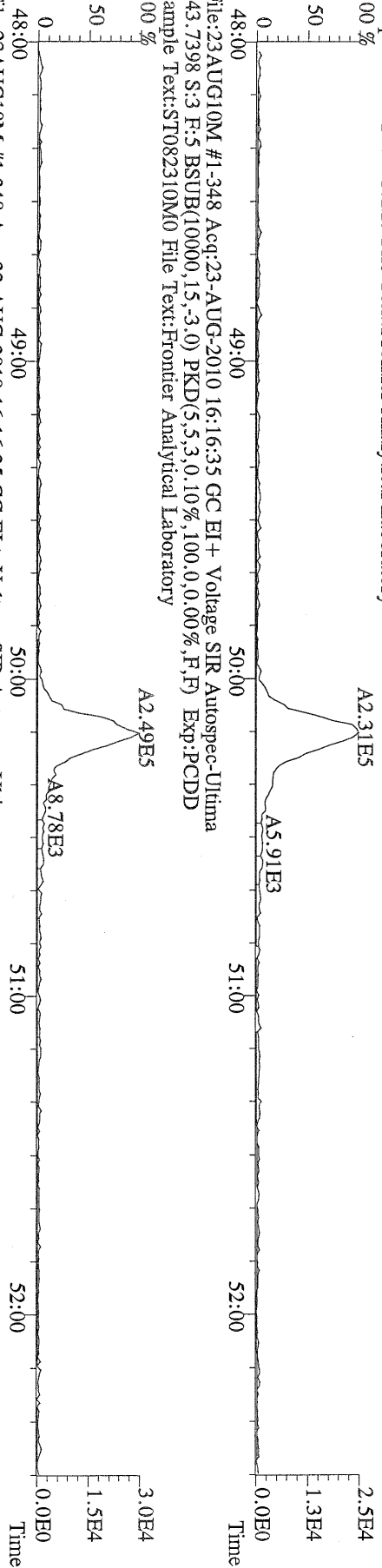
File:23AUG10M #1-541 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 419.8220 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
 Sample Text:ST082310M0 File Text:Fronter Analytical Laboratory  
 100 % H2.88E6  
 A2.00E7



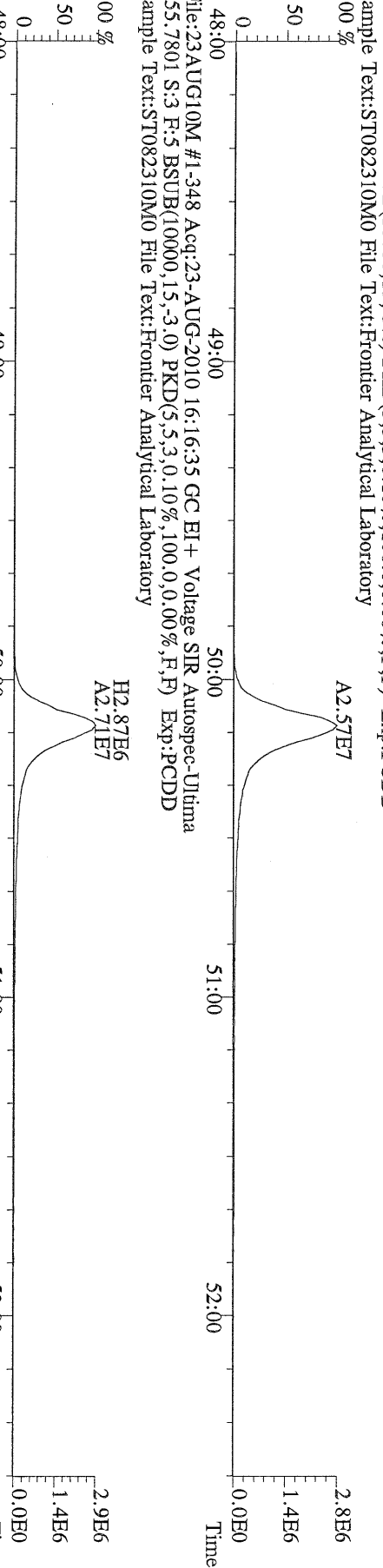
File:23AUG10M #1-541 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
 479.7165 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
 Sample Text:ST082310M0 File Text:Fronter Analytical Laboratory  
 100 % A7.86E3



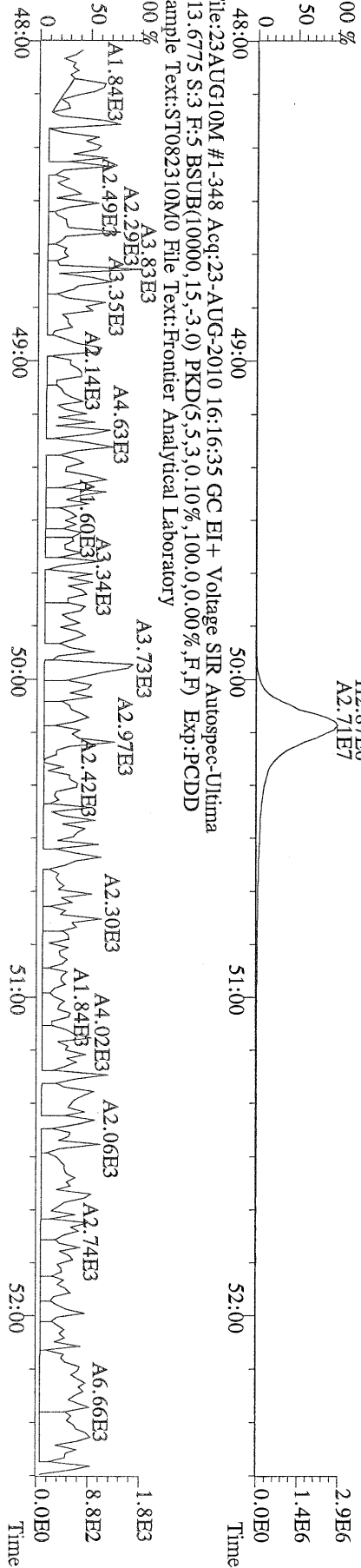
File:23AUG10M #1-348 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
441.7428 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory  
100 %



File:23AUG10M #1-348 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
453.7831 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory  
100 %

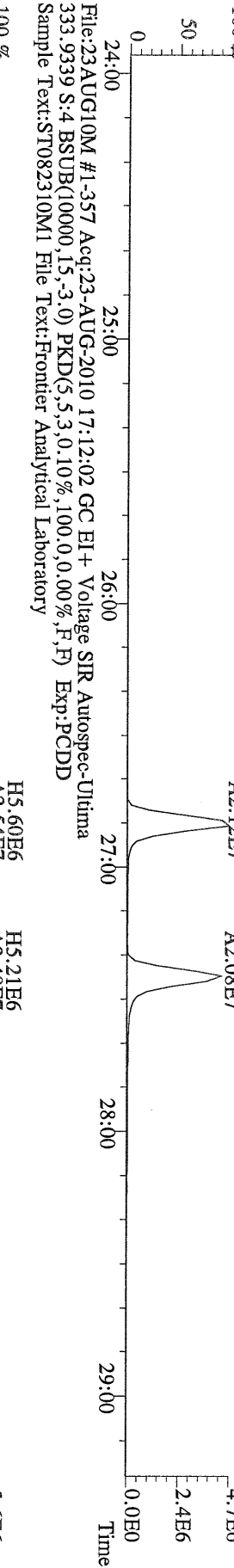
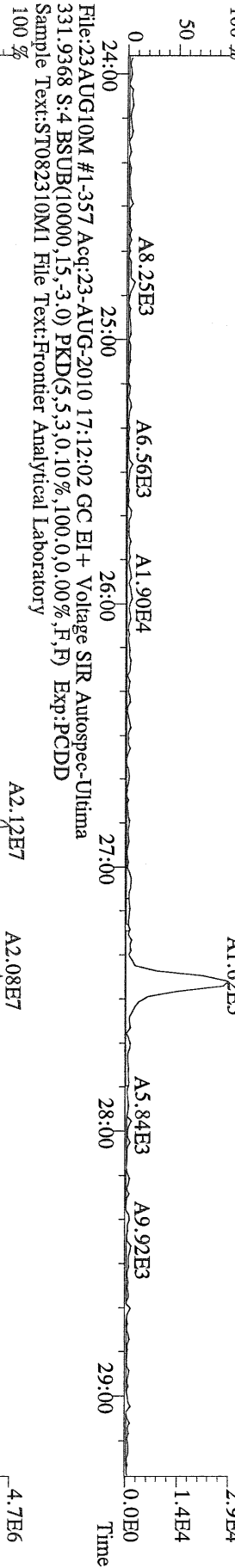
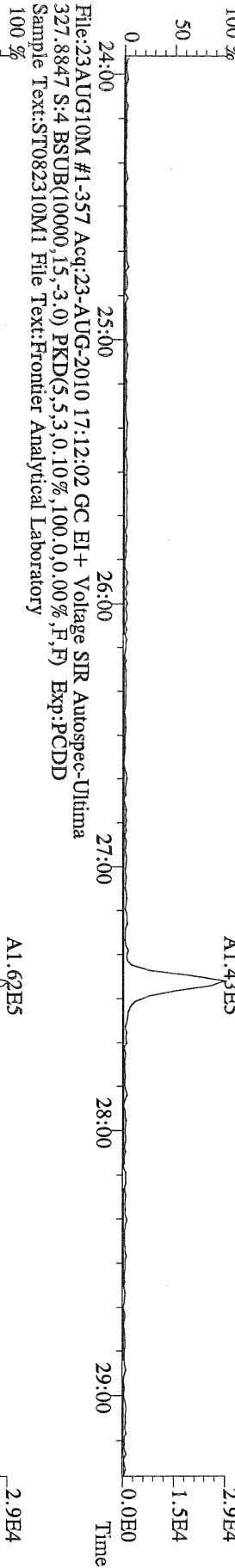
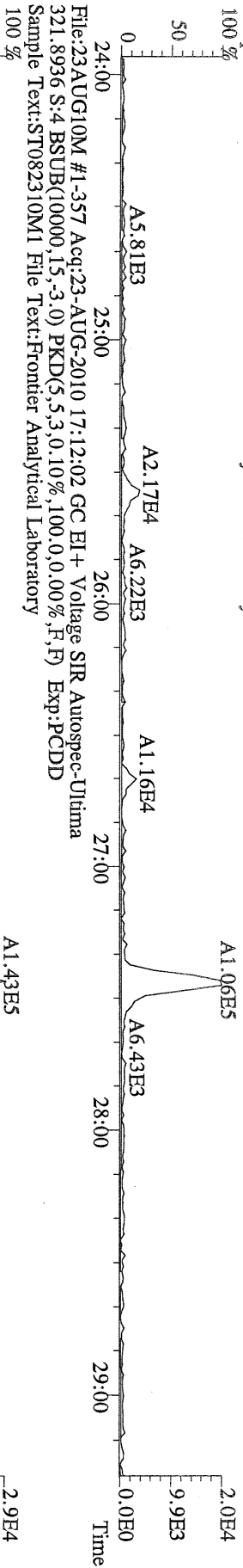


File:23AUG10M #1-348 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
455.7801 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory  
100 %

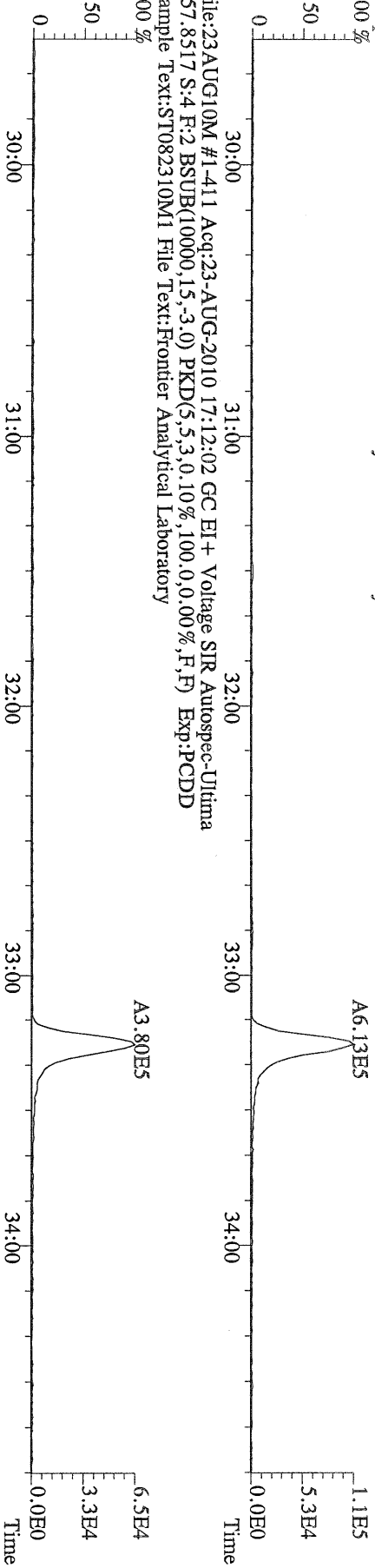


File:23AUG10M #1-348 Acq:23-AUG-2010 16:16:35 GC EI+ Voltage SIR Autospec-Ultima  
513.6775 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M0 File Text:Frontier Analytical Laboratory  
100 %

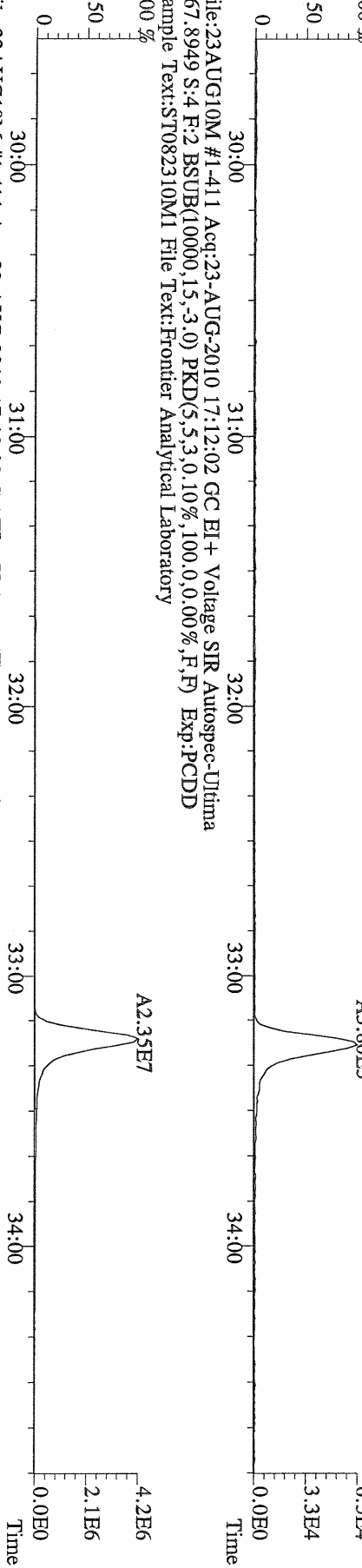
File:23AUG10M #1-357 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
319.8965 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory



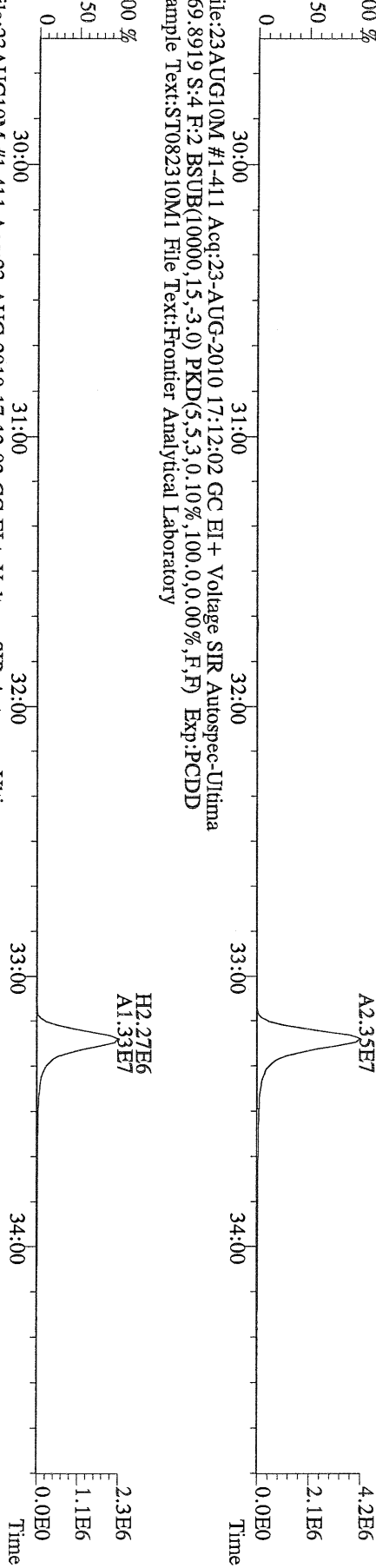
File:23AUG10M #1-411 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
355.8546 S:4 F:2 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory  
100 %



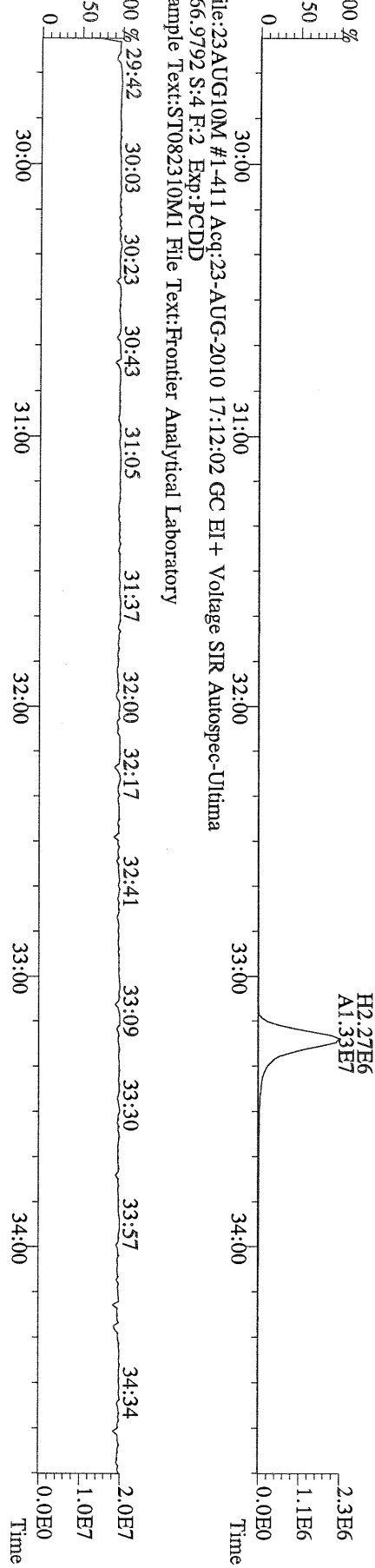
File:23AUG10M #1-411 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
357.8517 S:4 F:2 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory  
100 %



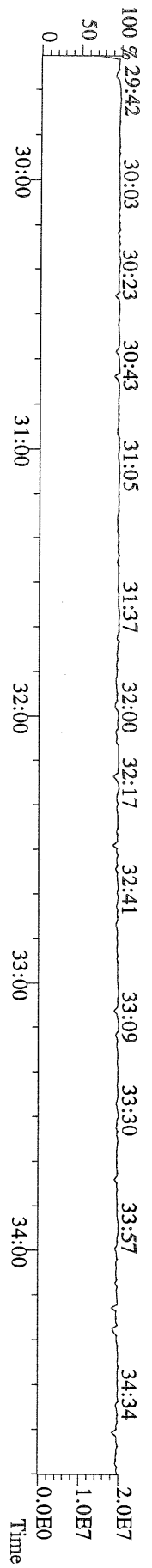
File:23AUG10M #1-411 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
367.8949 S:4 F:2 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory  
100 %



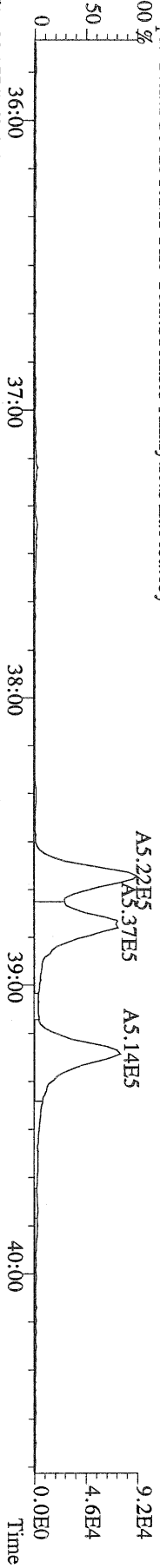
File:23AUG10M #1-411 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
369.8919 S:4 F:2 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory



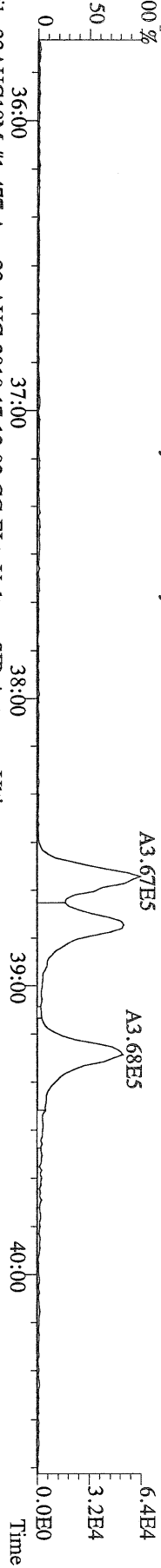
File:23AUG10M #1-411 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
366.9792 S:4 F:2 Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory



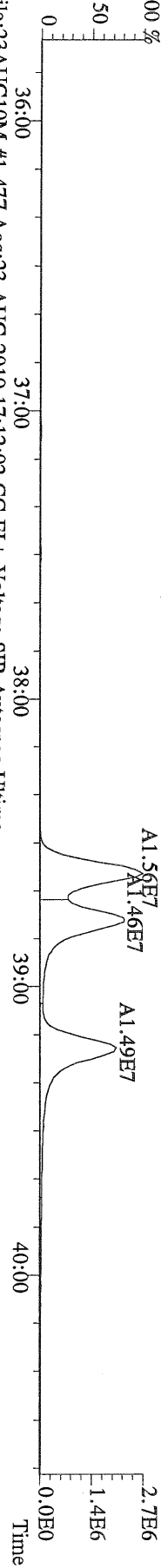
File:23AUG10M #1-477 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
 389.8156 S:4 F:3 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD  
 Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory



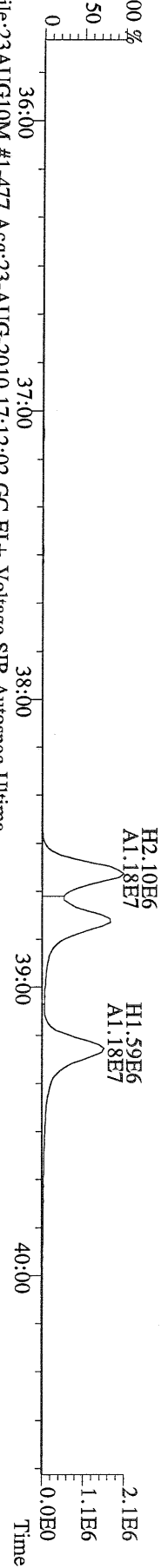
File:23AUG10M #1-477 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
 391.8127 S:4 F:3 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD  
 Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory



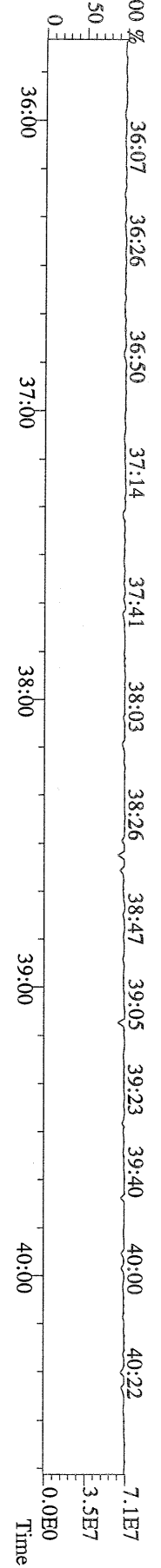
File:23AUG10M #1-477 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
 401.8559 S:4 F:3 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD  
 Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory



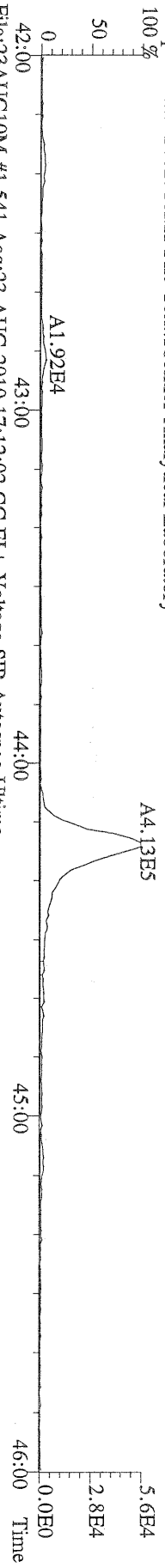
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 403.8530 S:4 F:3 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD  
 Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory



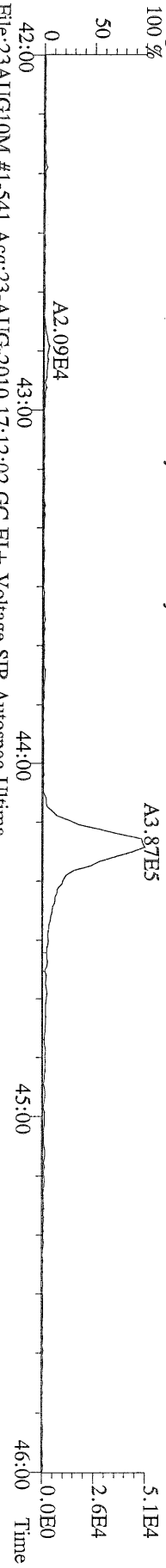
File:23AUG10M #1-477 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
 380.9760 S:4 F:3 Exp:PCDD  
 Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory



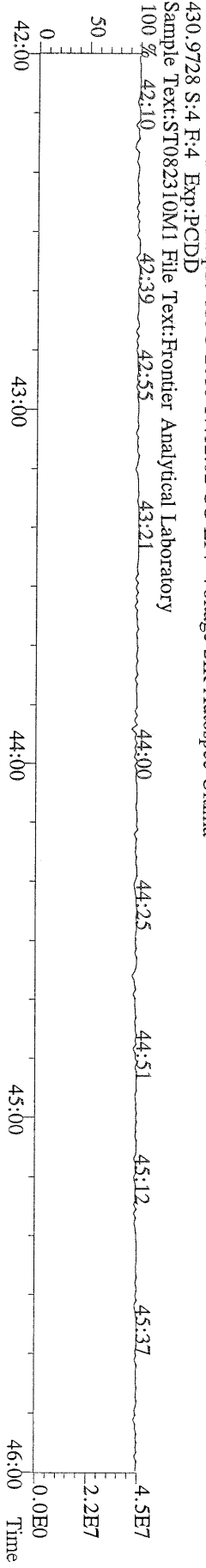
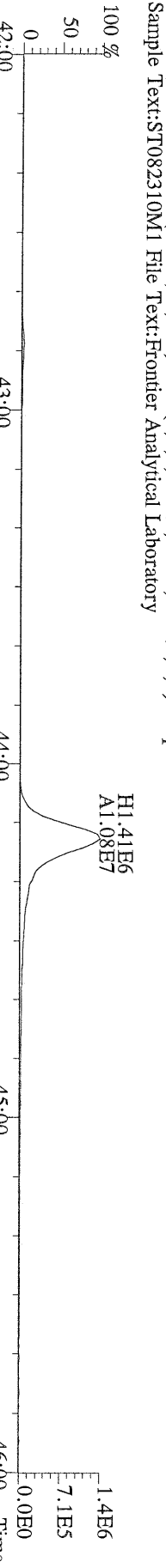
File:23AUG10M #1-541 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
423.7767 S:4 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory



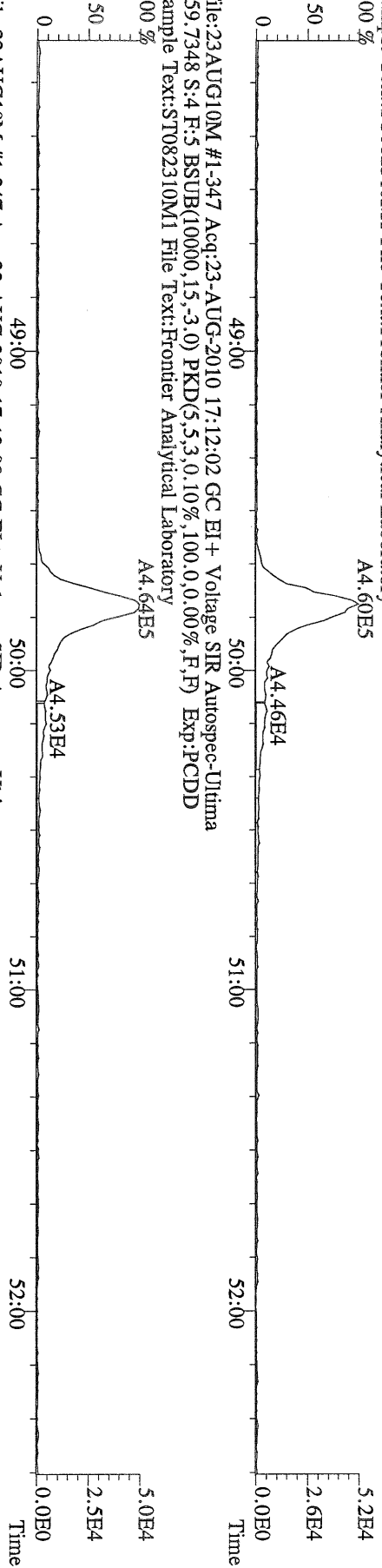
File:23AUG10M #1-541 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
435.8169 S:4 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory



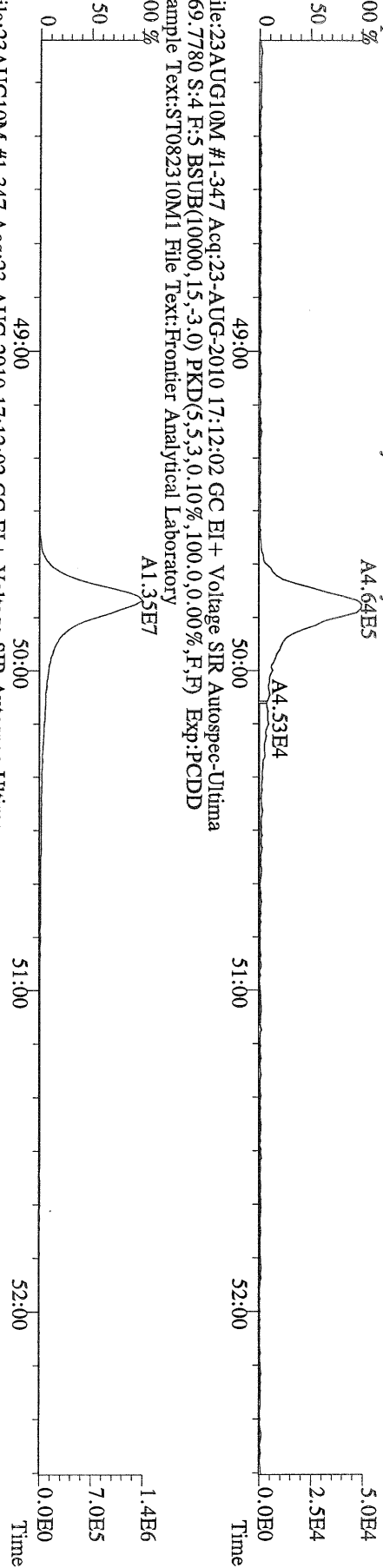
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437.8140 S:4 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory



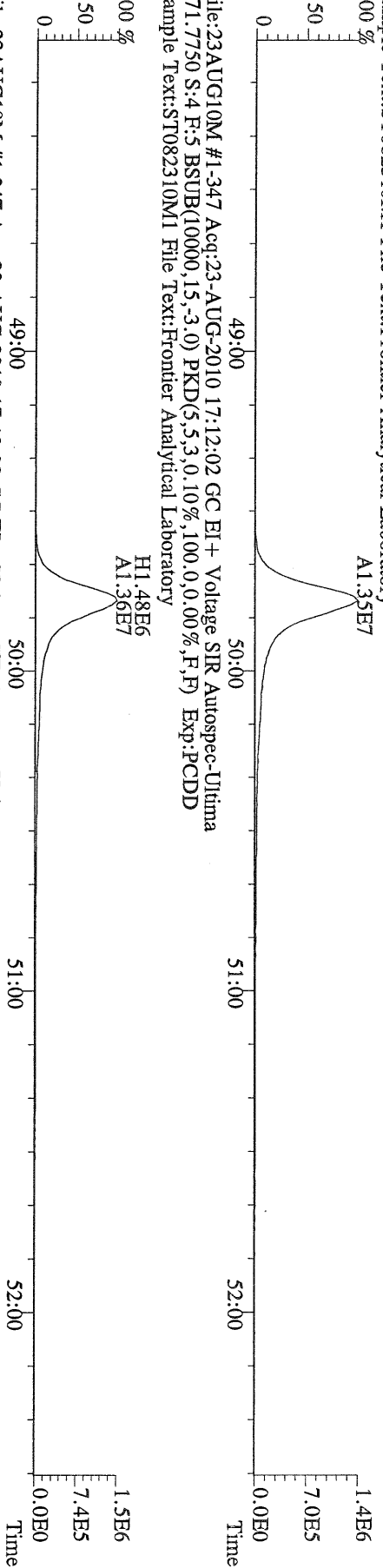
File:23AUG10M #1-347 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
457.7377 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory  
100 %



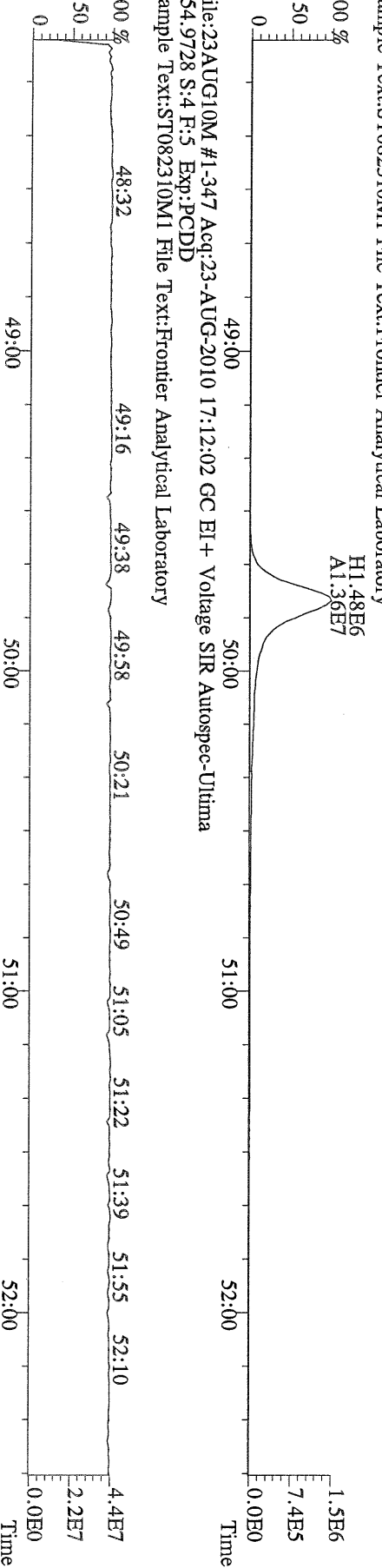
File:23AUG10M #1-347 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
459.7348 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory  
100 %



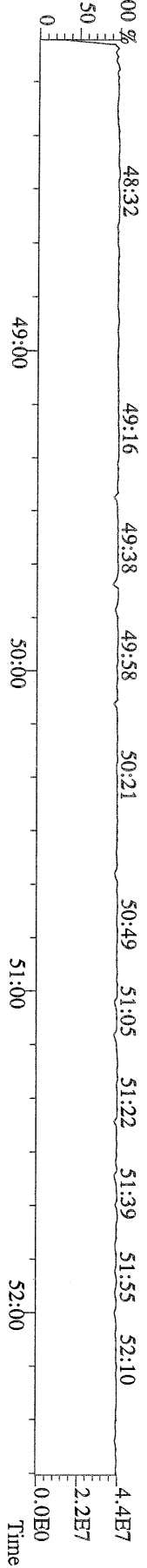
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469.7780 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory  
100 %



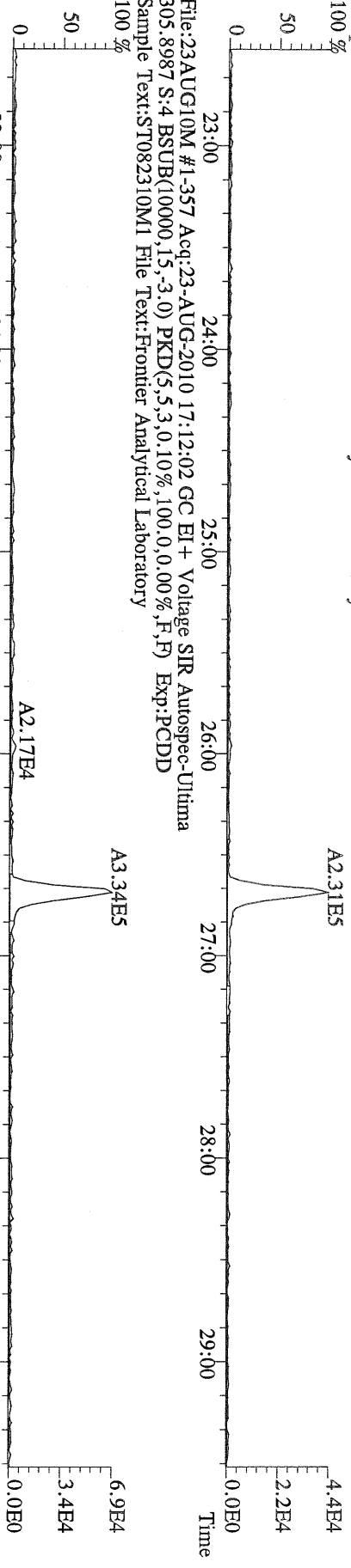
File:23AUG10M #1-347 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
471.7750 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory  
100 %



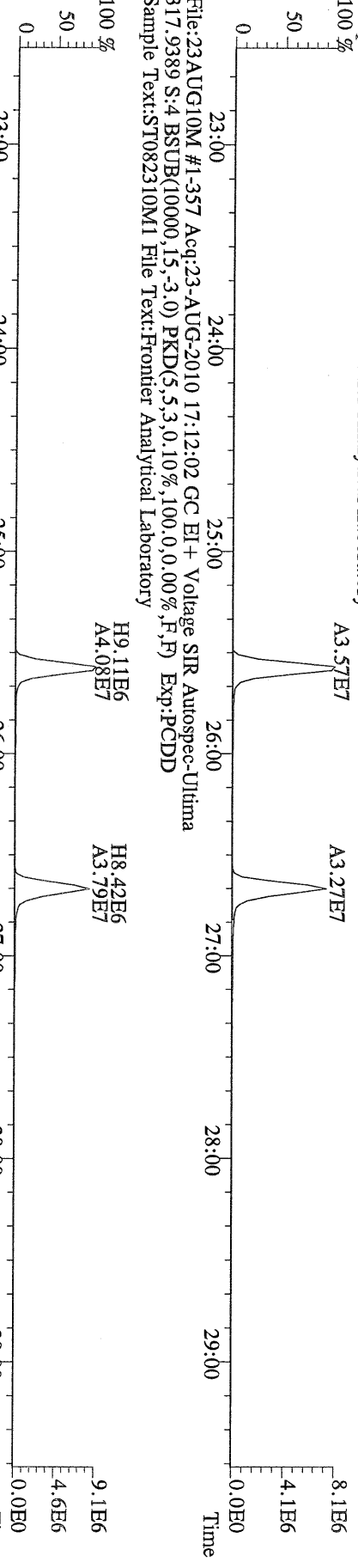
File:23AUG10M #1-347 Acq:23-AUG-2010 17:12:02 GC EI+ Voltage SIR Autospec-Ultima  
454.9728 S:4 F:5 Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory



File:23AUG10M #1-357 Acq:23-AUG-2010 17:12:02 GC EI + Voltage SIR Autospec-Ultima  
303.9016 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory  
100 %



File:23AUG10M #1-357 Acq:23-AUG-2010 17:12:02 GC EI + Voltage SIR Autospec-Ultima  
315.9419 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory  
100 %



File:23AUG10M #1-357 Acq:23-AUG-2010 17:12:02 GC EI + Voltage SIR Autospec-Ultima  
317.9389 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD  
Sample Text:ST082310M1 File Text:Frontier Analytical Laboratory  
100 %

