

EPA Method 1613
PCDD/F



FAL ID: 6272-001-SA
Client ID: PSB1-0-0.5-072910
Matrix: Soil
Batch No: X2079

Date Extracted: 08-12-2010
Date Received: 08-03-2010
Amount: 2.03 g
% Solids: 95.99

ICal: PCDDFAL3-5-12-10
GC Column: DB5
Units: pg/g

Acquired: 08-16-2010
2005 WHO TEQ: 10.6

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.359		-	0.0262				
1,2,3,7,8-PeCDD	1.97	-	J	1.97	0.0442				
1,2,3,4,7,8-HxCDD	2.66	-	J	0.266	0.0486				
1,2,3,6,7,8-HxCDD	10.2	-	J	1.02	0.0586	Total TCDD	19.4		-
1,2,3,7,8,9-HxCDD	6.78	-	J	0.678	0.0529	Total PeCDD	35.4		-
1,2,3,4,6,7,8-HpCDD	365	-		3.65	0.0954	Total HxCDD	105		-
OCDD	3810	-		1.14	0.154	Total HpCDD	740		-
2,3,7,8-TCDF	0.606	-	J	0.0606	0.0205				
1,2,3,7,8-PeCDF	0.548	-	J	0.0164	0.0298				
2,3,4,7,8-PeCDF	0.830	-	J	0.249	0.0313				
1,2,3,4,7,8-HxCDF	2.18	-	J	0.218	0.0308				
1,2,3,6,7,8-HxCDF	1.94	-	J	0.194	0.0317				
2,3,4,6,7,8-HxCDF	2.90	-	J	0.290	0.0341				
1,2,3,7,8,9-HxCDF	ND	0.492		-	0.0387	Total TCDF	14.8		-
1,2,3,4,6,7,8-HpCDF	75.3	-		0.753	0.0418	Total PeCDF	28.2		-
1,2,3,4,7,8,9-HpCDF	2.52	-	J	0.0252	0.0429	Total HxCDF	66.6		-
OCDF	352	-		0.106	0.105	Total HpCDF	239		-

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	101	25.0 - 164	
13C-1,2,3,7,8-PeCDD	99.7	25.0 - 181	
13C-1,2,3,4,7,8-HxCDD	102	32.0 - 141	
13C-1,2,3,6,7,8-HxCDD	94.2	28.0 - 130	
13C-1,2,3,4,6,7,8-HpCDD	88.2	23.0 - 140	
13C-OCDD	72.8	17.0 - 157	
13C-2,3,7,8-TCDF	98.0	24.0 - 169	
13C-1,2,3,7,8-PeCDF	96.5	24.0 - 185	
13C-2,3,4,7,8-PeCDF	97.5	21.0 - 178	
13C-1,2,3,4,7,8-HxCDF	105	26.0 - 152	
13C-1,2,3,6,7,8-HxCDF	98.2	26.0 - 123	
13C-2,3,4,6,7,8-HxCDF	99.7	28.0 - 136	
13C-1,2,3,7,8,9-HxCDF	102	29.0 - 147	
13C-1,2,3,4,6,7,8-HpCDF	90.3	28.0 - 143	
13C-1,2,3,4,7,8,9-HpCDF	101	26.0 - 138	
13C-OCDF	76.4	17.0 - 157	

Cleanup Surrogate

37Cl-2,3,7,8-TCDD 103 35.0 - 197

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- * Result taken from dilution or reinjection

Analyst: [Signature]
Date: 8/19/10

Reviewed By: [Signature]
Date: 8/20/10

EPA Method 1613
PCDD/F



FAL ID: 6272-002-SA
Client ID: PSB1-1.5-2.0-072910
Matrix: Soil
Batch No: X2079

Date Extracted: 08-12-2010
Date Received: 08-03-2010
Amount: 2.03 g
% Solids: 93.23

ICal: PCDDFAL3-5-12-10
GC Column: DB5
Units: pg/g

Acquired: 08-16-2010
2005 WHO TEQ: 8.09

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.343		-	0.0262				
1,2,3,7,8-PeCDD	1.53	-	J	1.53	0.0442				
1,2,3,4,7,8-HxCDD	2.39	-	J	0.239	0.0486				
1,2,3,6,7,8-HxCDD	8.02	-	J	0.802	0.0586	Total TCDD	2.89	-	
1,2,3,7,8,9-HxCDD	5.56	-	J	0.556	0.0529	Total PeCDD	13.1	-	
1,2,3,4,6,7,8-HpCDD	246	-		2.46	0.0954	Total HxCDD	72.6	-	
OCDD	2230	-		0.669	0.154	Total HpCDD	504	-	
2,3,7,8-TCDF	0.575	-	J	0.0575	0.0205				
1,2,3,7,8-PeCDF	ND	0.398		-	0.0298				
2,3,4,7,8-PeCDF	1.28	-	J	0.384	0.0313				
1,2,3,4,7,8-HxCDF	2.08	-	J	0.208	0.0308				
1,2,3,6,7,8-HxCDF	1.77	-	J	0.177	0.0317				
2,3,4,6,7,8-HxCDF	2.69	-	J	0.269	0.0341				
1,2,3,7,8,9-HxCDF	0.646	-	J	0.0646	0.0387	Total TCDF	15.4	-	
1,2,3,4,6,7,8-HpCDF	58.4	-		0.584	0.0418	Total PeCDF	28.0	-	
1,2,3,4,7,8,9-HpCDF	2.35	-	J	0.0235	0.0429	Total HxCDF	59.8	-	
OCDF	214	-		0.0642	0.105	Total HpCDF	180	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	90.4	25.0 - 164	
13C-1,2,3,7,8-PeCDD	86.1	25.0 - 181	
13C-1,2,3,4,7,8-HxCDD	92.0	32.0 - 141	
13C-1,2,3,6,7,8-HxCDD	84.2	28.0 - 130	
13C-1,2,3,4,6,7,8-HpCDD	77.8	23.0 - 140	
13C-OCDD	60.4	17.0 - 157	
13C-2,3,7,8-TCDF	89.3	24.0 - 169	
13C-1,2,3,7,8-PeCDF	82.8	24.0 - 185	
13C-2,3,4,7,8-PeCDF	83.4	21.0 - 178	
13C-1,2,3,4,7,8-HxCDF	93.6	26.0 - 152	
13C-1,2,3,6,7,8-HxCDF	88.9	26.0 - 123	
13C-2,3,4,6,7,8-HxCDF	88.1	28.0 - 136	
13C-1,2,3,7,8,9-HxCDF	93.2	29.0 - 147	
13C-1,2,3,4,6,7,8-HpCDF	78.3	28.0 - 143	
13C-1,2,3,4,7,8,9-HpCDF	88.3	26.0 - 138	
13C-OCDF	64.6	17.0 - 157	

Cleanup Surrogate

37Cl-2,3,7,8-TCDD 96.5 35.0 - 197

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- * Result taken from dilution or reinjection

Analyst: 8
Date: 8/16/10

Reviewed By: [Signature]
Date: 8/20/10

EPA Method 1613
PCDD/F



FAL ID: 6272-002-MS/MSD
Client ID: PSB1-1.5-2.0-072910
Matrix: Soil

Date Extracted: 08-12-2010
Date Received: 08-03-2010
Sample Amount: 2.03 g
MS Amount: 2.04 g
MSD Amount: 2.04 g

ICal: PCDDFAL3-5-12-10
Batch No: X2079
Units: pg/g

MS Acquired: 2010-08-16
MSD Acquired: 2010-08-16
GC Column: DB5

Compound	Amount Spiked (pg)	Sample Amount	MS Amount	MSD Amount	% RSD	Qual
2,3,7,8-TCDD	200	-	87.9	94.2	7.01	
1,2,3,7,8-PeCDD	1000	1.53	469	495	5.70	
1,2,3,4,7,8-HxCDD	1000	2.39	486	505	4.37	
1,2,3,6,7,8-HxCDD	1000	8.02	469	511	8.06	
1,2,3,7,8,9-HxCDD	1000	5.56	499	534	6.70	
1,2,3,4,6,7,8-HpCDD	1000	246	719	747	5.23	
OCDD	2000	2230	3800	3900	6.35	
2,3,7,8-TCDF	200	0.575	87.5	90.4	3.33	
1,2,3,7,8-PeCDF	1000	-	470	498	6.16	
2,3,4,7,8-PeCDF	1000	1.28	451	488	7.96	
1,2,3,4,7,8-HxCDF	1000	2.08	431	456	5.66	
1,2,3,6,7,8-HxCDF	1000	1.77	438	461	5.04	
2,3,4,6,7,8-HxCDF	1000	2.69	440	460	4.38	
1,2,3,7,8,9-HxCDF	1000	0.646	432	464	7.23	
1,2,3,4,6,7,8-HpCDF	1000	58.4	487	508	5.24	
1,2,3,4,7,8,9-HpCDF	1000	2.35	422	451	6.66	
OCDF	2000	214	1120	1190	7.83	
Internal Standards		% Rec	% Rec	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	2000	90.4	84.0	77.5	25.0 - 164	
13C-1,2,3,7,8-PeCDD	2000	86.1	80.1	77.7	25.0 - 181	
13C-1,2,3,4,7,8-HxCDD	2000	92.0	85.9	81.1	32.0 - 141	
13C-1,2,3,6,7,8-HxCDD	2000	84.2	79.3	72.5	28.0 - 130	
13C-1,2,3,4,6,7,8-HpCDD	2000	77.8	70.1	66.9	23.0 - 140	
13C-OCDD	4000	60.4	48.4	53.9	17.0 - 157	
13C-2,3,7,8-TCDF	2000	89.3	83.6	76.2	24.0 - 169	
13C-1,2,3,7,8-PeCDF	2000	82.8	77.5	72.0	24.0 - 185	
13C-2,3,4,7,8-PeCDF	2000	83.4	78.5	74.1	21.0 - 178	
13C-1,2,3,4,7,8-HxCDF	2000	93.6	90.3	84.8	26.0 - 152	
13C-1,2,3,6,7,8-HxCDF	2000	88.9	82.7	79.3	26.0 - 123	
13C-2,3,4,6,7,8-HxCDF	2000	88.1	81.8	78.0	28.0 - 136	
13C-1,2,3,7,8,9-HxCDF	2000	93.2	82.4	80.3	29.0 - 147	
13C-1,2,3,4,6,7,8-HpCDF	2000	78.3	73.5	67.9	28.0 - 143	
13C-1,2,3,4,7,8,9-HpCDF	2000	88.3	79.4	77.3	26.0 - 138	
13C-OCDF	4000	64.6	56.4	55.8	17.0 - 157	
Cleanup Surrogate						
37Cl-2,3,7,8-TCDD	800	96.5	82.2	81.1	35.0 - 197	

Analyst: 8
Date: 8/16/10

Reviewed By: [Signature]
Date: 8/20/10

EPA Method 1613
PCDD/F



FAL ID: 6272-003-SA
Client ID: PSB2-0-0.5-072910
Matrix: Soil
Batch No: X2079

Date Extracted: 08-12-2010
Date Received: 08-03-2010
Amount: 2.09 g
% Solids: 94.90

ICal: PCDDFAL3-5-12-10
GC Column: DB5
Units: pg/g

Acquired: 08-16-2010
2005 WHO TEQ: 6.73

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.379		-	0.0262				
1,2,3,7,8-PeCDD	1.41	-	J	1.41	0.0442				
1,2,3,4,7,8-HxCDD	2.63	-	J	0.263	0.0486				
1,2,3,6,7,8-HxCDD	7.20	-	J	0.720	0.0586	Total TCDD	22.3		-
1,2,3,7,8,9-HxCDD	5.47	-	J	0.547	0.0529	Total PeCDD	32.2		-
1,2,3,4,6,7,8-HpCDD	181	-		1.81	0.0954	Total HxCDD	81.3		-
OCDD	1550	-		0.465	0.154	Total HpCDD	357		-
2,3,7,8-TCDF	0.842	-	J	0.0842	0.0205				
1,2,3,7,8-PeCDF	0.616	-	J	0.0185	0.0298				
2,3,4,7,8-PeCDF	0.990	-	J	0.297	0.0313				
1,2,3,4,7,8-HxCDF	1.76	-	J	0.176	0.0308				
1,2,3,6,7,8-HxCDF	1.61	-	J	0.161	0.0317				
2,3,4,6,7,8-HxCDF	2.47	-	J	0.247	0.0341				
1,2,3,7,8,9-HxCDF	ND	0.488		-	0.0387	Total TCDF	18.2		-
1,2,3,4,6,7,8-HpCDF	47.5	-		0.475	0.0418	Total PeCDF	30.6		-
1,2,3,4,7,8,9-HpCDF	1.84	-	J	0.0184	0.0429	Total HxCDF	52.8		-
OCDF	137	-		0.0411	0.105	Total HpCDF	127		-

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	92.1	25.0 - 164	
13C-1,2,3,7,8-PeCDD	90.0	25.0 - 181	
13C-1,2,3,4,7,8-HxCDD	98.9	32.0 - 141	
13C-1,2,3,6,7,8-HxCDD	90.6	28.0 - 130	
13C-1,2,3,4,6,7,8-HpCDD	78.6	23.0 - 140	
13C-OCDD	57.6	17.0 - 157	
13C-2,3,7,8-TCDF	91.6	24.0 - 169	
13C-1,2,3,7,8-PeCDF	86.0	24.0 - 185	
13C-2,3,4,7,8-PeCDF	85.9	21.0 - 178	
13C-1,2,3,4,7,8-HxCDF	102	26.0 - 152	
13C-1,2,3,6,7,8-HxCDF	97.9	26.0 - 123	
13C-2,3,4,6,7,8-HxCDF	92.7	28.0 - 136	
13C-1,2,3,7,8,9-HxCDF	93.3	29.0 - 147	
13C-1,2,3,4,6,7,8-HpCDF	83.9	28.0 - 143	
13C-1,2,3,4,7,8,9-HpCDF	88.4	26.0 - 138	
13C-OCDF	63.5	17.0 - 157	

Cleanup Surrogate

37Cl-2,3,7,8-TCDD 94.5 35.0 - 197

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- * Result taken from dilution or reinjection

Analyst: [Signature]
Date: 8/16/10

Reviewed By: [Signature]
Date: 8/20/10

EPA Method 1613
PCDD/F



FAL ID: 6272-004-SA
Client ID: PSB2-1.5-2-072910
Matrix: Soil
Batch No: X2079

Date Extracted: 08-12-2010
Date Received: 08-03-2010
Amount: 2.09 g
% Solids: 93.11

ICal: PCDDFAL3-5-12-10
GC Column: DB5
Units: pg/g

Acquired: 08-16-2010
2005 WHO TEQ: 21.5

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	1.12	-	J	1.12	0.0262				
1,2,3,7,8-PeCDD	4.15	-	J	4.15	0.0442				
1,2,3,4,7,8-HxCDD	8.99	-	J	0.899	0.0486				
1,2,3,6,7,8-HxCDD	20.7	-	-	2.07	0.0586	Total TCDD	23.4	-	-
1,2,3,7,8,9-HxCDD	17.3	-	-	1.73	0.0529	Total PeCDD	46.6	-	-
1,2,3,4,6,7,8-HpCDD	535	-	-	5.35	0.0954	Total HxCDD	208	-	-
OCDD	4290	-	-	1.29	0.154	Total HpCDD	1100	-	-
2,3,7,8-TCDF	2.24	-	J	0.224	0.0205				
1,2,3,7,8-PeCDF	1.53	-	J	0.0459	0.0298				
2,3,4,7,8-PeCDF	2.99	-	J	0.897	0.0313				
1,2,3,4,7,8-HxCDF	6.62	-	J	0.662	0.0308				
1,2,3,6,7,8-HxCDF	5.80	-	J	0.580	0.0317				
2,3,4,6,7,8-HxCDF	8.63	-	J	0.863	0.0341				
1,2,3,7,8,9-HxCDF	1.34	-	J	0.134	0.0387	Total TCDF	51.6	-	-
1,2,3,4,6,7,8-HpCDF	139	-	-	1.39	0.0418	Total PeCDF	116	-	-
1,2,3,4,7,8,9-HpCDF	4.04	-	J	0.0404	0.0429	Total HxCDF	174	-	-
OCDF	337	-	-	0.101	0.105	Total HpCDF	325	-	-

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	95.0	25.0 - 164	
13C-1,2,3,7,8-PeCDD	96.1	25.0 - 181	
13C-1,2,3,4,7,8-HxCDD	97.7	32.0 - 141	
13C-1,2,3,6,7,8-HxCDD	93.0	28.0 - 130	
13C-1,2,3,4,6,7,8-HpCDD	81.7	23.0 - 140	
13C-OCDD	62.8	17.0 - 157	
13C-2,3,7,8-TCDF	95.7	24.0 - 169	
13C-1,2,3,7,8-PeCDF	89.9	24.0 - 185	
13C-2,3,4,7,8-PeCDF	91.8	21.0 - 178	
13C-1,2,3,4,7,8-HxCDF	102	26.0 - 152	
13C-1,2,3,6,7,8-HxCDF	96.5	26.0 - 123	
13C-2,3,4,6,7,8-HxCDF	95.0	28.0 - 136	
13C-1,2,3,7,8,9-HxCDF	95.7	29.0 - 147	
13C-1,2,3,4,6,7,8-HpCDF	84.3	28.0 - 143	
13C-1,2,3,4,7,8,9-HpCDF	95.9	26.0 - 138	
13C-OCDF	68.3	17.0 - 157	

Cleanup Surrogate

37Cl-2,3,7,8-TCDD 93.5 35.0 - 197

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- * Result taken from dilution or reinjection

Analyst: 8
Date: 8/16/10

Reviewed By: [Signature]
Date: 8/20/10

EPA Method 1613
PCDD/F



FAL ID: 6272-005-SA
Client ID: PSB3-0-0.5-072910
Matrix: Soil
Batch No: X2079

Date Extracted: 08-12-2010
Date Received: 08-03-2010
Amount: 2.00 g
% Solids: 94.80

ICal: PCDDFAL3-5-12-10
GC Column: DB5
Units: pg/g

Acquired: 08-16-2010
2005 WHO TEQ: 58.4

Compound	Conc	DL	Qual	2005		Compound	Conc	DL	Qual
				WHO Tox	MDL				
2,3,7,8-TCDD	ND	0.636		-	0.0262				
1,2,3,7,8-PeCDD	4.07	-	J	4.07	0.0442				
1,2,3,4,7,8-HxCDD	8.50	-	J	0.850	0.0486				
1,2,3,6,7,8-HxCDD	55.6	-		5.56	0.0586	Total TCDD	33.8		-
1,2,3,7,8,9-HxCDD	29.9	-		2.99	0.0529	Total PeCDD	64.0		-
1,2,3,4,6,7,8-HpCDD	2330	-		23.3	0.0954	Total HxCDD	423		-
OCDD	30100	-	*	9.03	0.154	Total HpCDD	4910		-
2,3,7,8-TCDF	1.12	-	J	0.112	0.0205				
1,2,3,7,8-PeCDF	1.23	-	J	0.0369	0.0298				
2,3,4,7,8-PeCDF	3.03	-	J	0.909	0.0313				
1,2,3,4,7,8-HxCDF	17.8	-		1.78	0.0308				
1,2,3,6,7,8-HxCDF	7.61	-	J	0.761	0.0317				
2,3,4,6,7,8-HxCDF	10.4	-	J	1.04	0.0341				
1,2,3,7,8,9-HxCDF	1.38	-	J	0.138	0.0387	Total TCDF	27.0		-
1,2,3,4,6,7,8-HpCDF	662	-		6.62	0.0418	Total PeCDF	60.2		-
1,2,3,4,7,8,9-HpCDF	17.1	-		0.171	0.0429	Total HxCDF	422		-
OCDF	3550	-		1.06	0.105	Total HpCDF	2390		-

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	97.6	25.0 - 164	
13C-1,2,3,7,8-PeCDD	98.8	25.0 - 181	
13C-1,2,3,4,7,8-HxCDD	79.8	32.0 - 141	
13C-1,2,3,6,7,8-HxCDD	91.0	28.0 - 130	
13C-1,2,3,4,6,7,8-HpCDD	94.5	23.0 - 140	
13C-OCDD	69.8	17.0 - 157	*
13C-2,3,7,8-TCDF	101	24.0 - 169	
13C-1,2,3,7,8-PeCDF	97.1	24.0 - 185	
13C-2,3,4,7,8-PeCDF	101	21.0 - 178	
13C-1,2,3,4,7,8-HxCDF	95.6	26.0 - 152	
13C-1,2,3,6,7,8-HxCDF	88.8	26.0 - 123	
13C-2,3,4,6,7,8-HxCDF	82.4	28.0 - 136	
13C-1,2,3,7,8,9-HxCDF	109	29.0 - 147	
13C-1,2,3,4,6,7,8-HpCDF	95.5	28.0 - 143	
13C-1,2,3,4,7,8,9-HpCDF	103	26.0 - 138	
13C-OCDF	84.0	17.0 - 157	

Cleanup Surrogate

37Cl-2,3,7,8-TCDD 93.6 35.0 - 197

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- * Result taken from dilution or reinjection

Analyst: [Signature]
Date: 8/14/10

Reviewed By: [Signature]
Date: 8/20/10

EPA Method 1613
PCDD/F



FAL ID: 6272-006-SA
Client ID: PSB3-1.5-2-072910
Matrix: Soil
Batch No: X2079

Date Extracted: 08-12-2010
Date Received: 08-03-2010
Amount: 2.03 g
% Solids: 93.31

ICal: PCDDFAL3-5-12-10
GC Column: DB5
Units: pg/g

Acquired: 08-16-2010
2005 WHO TEQ: 1.82

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.336		-	0.0262				
1,2,3,7,8-PeCDD	ND	0.529		-	0.0442				
1,2,3,4,7,8-HxCDD	0.780	-	J	0.0780	0.0486				
1,2,3,6,7,8-HxCDD	1.90	-	J	0.190	0.0586	Total TCDD	3.85	-	
1,2,3,7,8,9-HxCDD	1.34	-	J	0.134	0.0529	Total PeCDD	5.05	-	J
1,2,3,4,6,7,8-HpCDD	50.3	-		0.503	0.0954	Total HxCDD	18.6	-	
OCDD	468	-		0.140	0.154	Total HpCDD	97.5	-	
2,3,7,8-TCDF	0.585	-	J	0.0585	0.0205				
1,2,3,7,8-PeCDF	ND	0.352		-	0.0298				
2,3,4,7,8-PeCDF	0.808	-	J	0.242	0.0313				
1,2,3,4,7,8-HxCDF	1.03	-	J	0.103	0.0308				
1,2,3,6,7,8-HxCDF	0.694	-	J	0.0694	0.0317				
2,3,4,6,7,8-HxCDF	1.02	-	J	0.102	0.0341				
1,2,3,7,8,9-HxCDF	ND	0.379		-	0.0387	Total TCDF	11.6	-	
1,2,3,4,6,7,8-HpCDF	16.4	-		0.164	0.0418	Total PeCDF	10.0	-	J
1,2,3,4,7,8,9-HpCDF	1.30	-	J	0.0130	0.0429	Total HxCDF	19.7	-	
OCDF	59.9	-		0.0180	0.105	Total HpCDF	60.0	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	94.2	25.0 - 164	
13C-1,2,3,7,8-PeCDD	92.9	25.0 - 181	
13C-1,2,3,4,7,8-HxCDD	100	32.0 - 141	
13C-1,2,3,6,7,8-HxCDD	92.8	28.0 - 130	
13C-1,2,3,4,6,7,8-HpCDD	77.6	23.0 - 140	
13C-OCDD	55.7	17.0 - 157	
13C-2,3,7,8-TCDF	92.1	24.0 - 169	
13C-1,2,3,7,8-PeCDF	86.0	24.0 - 185	
13C-2,3,4,7,8-PeCDF	86.9	21.0 - 178	
13C-1,2,3,4,7,8-HxCDF	104	26.0 - 152	
13C-1,2,3,6,7,8-HxCDF	99.1	26.0 - 123	
13C-2,3,4,6,7,8-HxCDF	96.1	28.0 - 136	
13C-1,2,3,7,8,9-HxCDF	98.3	29.0 - 147	
13C-1,2,3,4,6,7,8-HpCDF	82.9	28.0 - 143	
13C-1,2,3,4,7,8,9-HpCDF	89.3	26.0 - 138	
13C-OCDF	62.2	17.0 - 157	

Cleanup Surrogate

37Cl-2,3,7,8-TCDD 90.7 35.0 - 197

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- * Result taken from dilution or reinjection

Analyst: 6
Date: 8/16/10

Reviewed By: E
Date: 8/20/10

SUBCONTRACTOR ANALYSIS REQUEST
 CUSTODY TRANSFER 08/02/10



ARI Project: RG61

6372
AC DC
GN 8/3/10

Laboratory: Frontier Analytical Laboratory
 Lab Contact: BRAD SILVERBUSH
 Lab Address: 5172 Hillside Circle
 El Dorado Hills, CA 95762
 Phone: 916-934-0900
 Fax: 916-934-0999

ARI Client: Floyd/Snider
 Project ID: Lora Lake RI
 ARI PM: Sue Dunnihoo
 Phone: 206-695-6207
 Fax: 206-695-6201

Analytical Protocol: In-house
 Special Instructions:

Requested Turn Around:
 Email Results (Y/N): **Yes**

Limits of Liability. Subcontractor is expected to perform all requested services in accordance with appropriate methodology following Standard Operating Procedures that meet standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the negotiated amount for said services. The agreement by the Subcontractor to perform services requested by ARI releases ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Subcontractor.

ARI ID	Client ID/ Add'l ID	Sampled	Matrix	Bottles	Analyses
10-18491-RG61A	PSB1-0-0.5-072910	07/29/10 15:59 ✓	Soil	1	Dioxin/Furans 1613(Sub) <i>PSB1-0-0-0.5-072910</i>
Special Instructions: None					
10-18492-RG61B	PSB1-1.5-2.0-072910	07/29/10 16:01 ✓	Soil	3	Dioxin/Furans 1613(Sub) <i>PSB1</i>
Special Instructions: None <i>MS/MSD</i>					
10-18493-RG61C	PSB2-0-0.5-072910	07/29/10 16:05	Soil	1	Dioxin/Furans 1613(Sub) <i>PSB2-0-0-0.5-072910</i> <i>15:20</i>
Special Instructions: None					
10-18494-RG61D	PSB21-5-2-072910	07/29/10 16:03	Soil	1	Dioxin/Furans 1613(Sub) <i>15:22</i> <i>PSB2-1.5-2.0-072910</i>
Special Instructions: None					
10-18495-RG61E	PSB3-0-0.5-072910	07/29/10 16:36	Soil	1	Dioxin/Furans 1613(Sub) <i>PSB3-0-0-0.5-72910</i>
Special Instructions: None					
10-18496-RG61F	PSB3-1.5-2-072910	07/29/10 16:35	Soil	1	Dioxin/Furans 1613(Sub) <i>PSB3-1.5-2.0-072910</i>
Special Instructions: None					

L4 a EDD

Carrier		Airbill		Date	
Relinquished by <i>[Signature]</i>	Company <i>ARI</i>	Date <i>8/2/10</i>	Time <i>1545</i>		
Received by <i>[Signature]</i>	Company <i>Frontier</i>	Date <i>8-3-10</i>	Time <i>1057</i>		

Frontier Analytical Laboratory

Sample Login Form

FAL Project ID: **6272**

Client:	Analytical Resources Inc. Sue Dunnihoo
Client Project ID:	RG61
Date Received:	08/03/2010
Time Received:	10:57 am
Received By:	KZ
Logged In By:	KZ
# of Samples Received:	6
Duplicates:	0
Storage Location:	R1

Method of Delivery:	UPS
Tracking Number:	1z8326950151985406
Shipping Container Received Intact	Yes
Custody seals(s) present?	No
Custody seals(s) intact?	No
Sample Arrival Temperature (C)	0
Cooling Method	Ice
Chain Of Custody Present?	Yes
Return Shipping Container To Client	Yes
Test for residual Chlorine	No
Thiosulfate Added	No
Earliest Sample Hold Time Expiration	07/29/2011
Adequate Sample Volume	Yes
Anomalies or additional comments:	



EXTRACTION SHEET

Project #: 6272 Extraction Date: 2010-08-12 Extraction Chemist: GN

Method/Analysis: EPA 1613 D/F

Procedure: SOX/SDS

Solvent: Toluene

Sample ID	Wet wt. (g/L)	Dry wt. (g/L)	IS		NS		CSS	
			Amt: 10.0uL ID: 090918A Vial: 1 Chemist/Witness/Date		Amt: 10.0uL ID: 090918B Vial: 1 Chemist/Witness/Date		Amt: 10.0uL ID: 090918C Vial: 1 Chemist/Witness/Date	
2079-001-0001-MB								
2079-001-0001-OPR								
6272-001-0001-SA	2.11	2.03	GN ✓ 8/12/10		NA		GN ✓ 8/13/10	
6272-002-0001-SA	2.18	2.03	↓		↓		↓	
6272-002-0002-MS	2.19*	2.04			GN ✓ 8/12/10			
6272-002-0002-MSD	2.19*	2.04			↓			
6272-003-0001-SA	2.20	2.09			NA			
6272-004-0001-SA	2.24	2.09			↓			
6272-005-0001-SA	2.11	2.00			↓			
6272-006-0001-SA	2.18	2.03			↓			

62108 }

AX-21 Charcoal Cleaned	031210	Acetone	101196	Acid Alumina	08623DJ	Hexane	50055
Hydrochloric Acid	B08505	Methanol	096965	Methylene Chloride (DCM)	50057	Silica Gel	TA1593034
Sodium Hydroxide	9265	Sodium Sulfate	49009905	Sulfuric Acid	096894	Tetradecane	081394
Toluene	101346	Water	49350	C-18 Empore Discs	320505	Cyclohexane	48151

Comments: * Used jar labeled 6272-002-SA for samples 6272-002-MS and 6272-002-MSD.

FAL ID: 2079-001-0001-MB
Client ID: Method Blank
Results: 6268

Filename: 15AUG10M Sam:13 Acquired: 15-AUG-10 23:10:37 ICal: PCDDFAL3-5-12-10
ConCal: ST081510M2 EndCal: ST081510M3

GC Column: DB5 Amount: 2.000

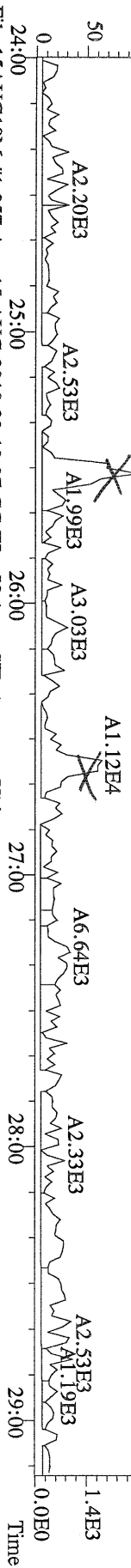
NATO 1989 Tox: 0.00
WHO 1998 Tox: 0.00 WHO 2005 Tox: 0.00

Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	Rec	#Hom
2,3,7,8-TCDD	*	* n	NotFnd	1.04	*		2.50	277	346	0.197	0
1,2,3,7,8-PeCDD	*	* n	NotFnd	1.05	*		2.50	418	311	0.313	0
1,2,3,4,7,8-HxCDD	*	* n	NotFnd	1.30	*		2.50	508	337	0.417	0
1,2,3,6,7,8-HxCDD	*	* n	NotFnd	1.28	*		2.50	508	337	0.492	0
1,2,3,7,8,9-HxCDD	*	* n	NotFnd	1.25	*		2.50	508	337	0.469	0
1,2,3,4,6,7,8-HpCDD	*	* n	NotFnd	1.35	*		2.50	403	409	0.647	0
OCDD	*	* n	NotFnd	1.25	*		2.50	427	361	1.68	0
2,3,7,8-TCDF	*	* n	NotFnd	1.62	*		2.50	310	415	0.0907	0
1,2,3,7,8-PeCDF	*	* n	NotFnd	0.92	*		2.50	284	427	0.223	0
2,3,4,7,8-PeCDF	*	* n	NotFnd	0.94	*		2.50	284	427	0.219	0
1,2,3,4,7,8-HxCDF	*	* n	NotFnd	0.93	*		2.50	369	313	0.251	0
1,2,3,6,7,8-HxCDF	*	* n	NotFnd	0.84	*		2.50	369	313	0.263	0
2,3,4,6,7,8-HxCDF	*	* n	NotFnd	0.90	*		2.50	369	313	0.292	0
1,2,3,7,8,9-HxCDF	*	* n	NotFnd	0.98	*		2.50	369	313	0.361	0
1,2,3,4,6,7,8-HpCDF	*	* n	NotFnd	1.38	*		2.50	304	333	0.358	0
1,2,3,4,7,8,9-HpCDF	*	* n	NotFnd	1.62	*		2.50	304	333	0.396	0
OCDF	*	* n	NotFnd	0.74	*		2.50	288	265	0.952	0
13C-2,3,7,8-TCDD	3.42e+07	0.84 y	27:21	0.93	861					86.1	
13C-1,2,3,7,8-PeCDD	3.05e+07	1.77 y	33:10	0.81	880					88.0	
13C-1,2,3,4,7,8-HxCDD	2.04e+07	1.26 y	38:32	0.95	895					89.5	
13C-1,2,3,6,7,8-HxCDD	2.06e+07	1.25 y	38:42	1.00	860					86.0	
13C-1,2,3,4,6,7,8-HpCDD	1.52e+07	1.02 y	44:07	0.92	684					68.4	
13C-OCDD	1.48e+07	0.85 y	49:40	0.63	971					48.5	
13C-2,3,7,8-TCDF	5.19e+07	0.88 y	26:36	0.87	875					87.5	
13C-1,2,3,7,8-PeCDF	4.57e+07	1.67 y	31:26	0.81	830					83.0	
13C-2,3,4,7,8-PeCDF	4.45e+07	1.65 y	32:46	0.75	868					86.8	
13C-1,2,3,4,7,8-HxCDF	4.01e+07	0.54 y	37:08	1.74	956					95.6	
13C-1,2,3,6,7,8-HxCDF	4.75e+07	0.53 y	37:20	2.17	909					90.9	
13C-2,3,4,6,7,8-HxCDF	3.84e+07	0.54 y	38:16	1.82	876					87.6	
13C-1,2,3,7,8,9-HxCDF	3.16e+07	0.54 y	39:42	1.49	882					88.2	
13C-1,2,3,4,6,7,8-HpCDF	1.93e+07	0.41 y	42:13	1.10	730					73.0	
13C-1,2,3,4,7,8,9-HpCDF	1.62e+07	0.41 y	45:02	0.81	824					82.4	
13C-OCDF	3.24e+07	0.96 y	50:02	1.19	1130					56.7	
37Cl-2,3,7,8-TCDD	1.47e+07		27:22	0.93	368					92.0	
13C-1,2,3,4-TCDD	4.29e+07	0.83 y	26:47	-	63.3						
13C-1,2,3,4-TCDF	6.83e+07	0.88 y	25:31	-	64.0						
13C-1,2,3,7,8,9-HxCDD	2.41e+07	1.23 y	39:08	-	55.9						
Total Tetra-Dioxins	*		NotFnd	1.04	*		2.50	277	346	0.197	0
Total Penta-Dioxins	*		NotFnd	1.05	*		2.50	418	311	0.313	0
Total Hexa-Dioxins	*		NotFnd	1.27	*		2.50	508	337	0.492	0
Total Hepta-Dioxins	*		NotFnd	1.35	*		2.50	403	409	0.647	0
Total Tetra-Furans	*		NotFnd	1.62	*		2.50	310	415	0.0907	0
1st Fn. Tot Penta-Furans	*		NotFnd	0.93	*		2.50	284	427	0.223	PeCDF 0
Total Penta-Furans	*		NotFnd	0.93	*		2.50	284	427	0.223	0.00 0
Total Hexa-Furans	*		NotFnd	0.90	*		2.50	369	313	0.361	0
Total Hepta-Furans	*		NotFnd	1.48	*		2.50	304	333	0.396	0

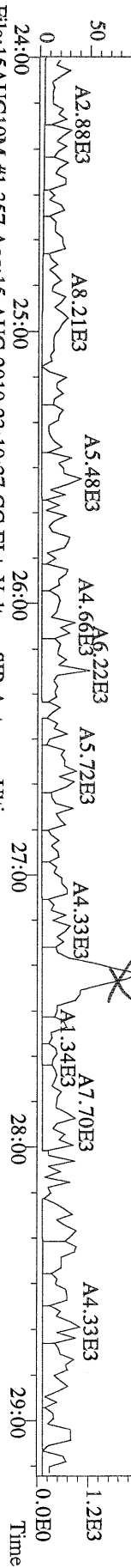
Analyst: J

Date: 8/14/10

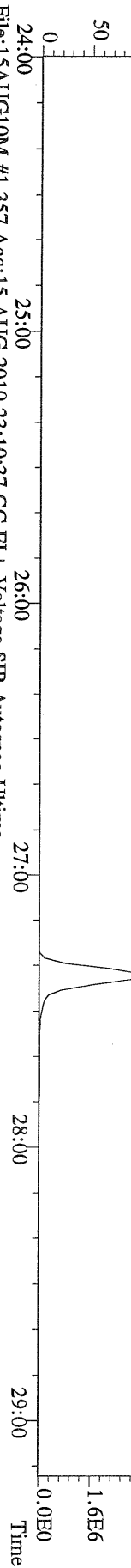
File:15AUG10M #1-357 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 319.8965 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



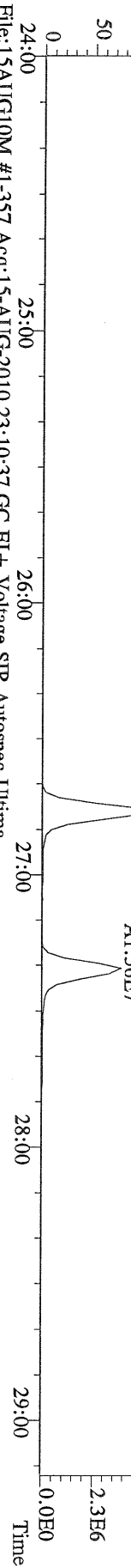
File:15AUG10M #1-357 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 321.8936 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



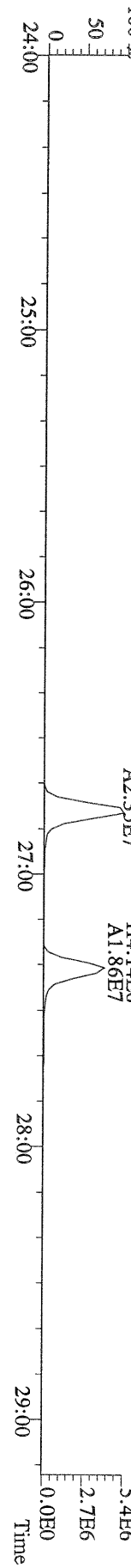
File:15AUG10M #1-357 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 327.8847 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



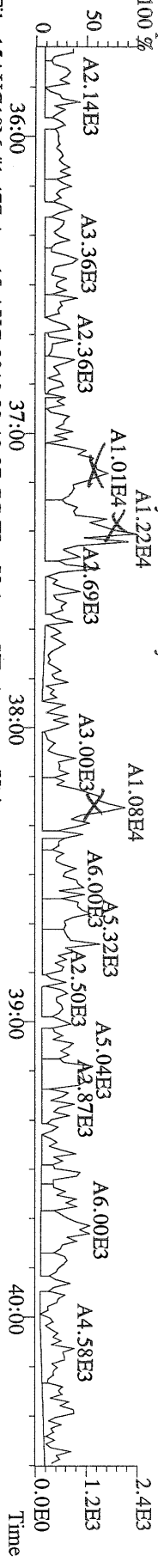
File:15AUG10M #1-357 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 331.9368 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



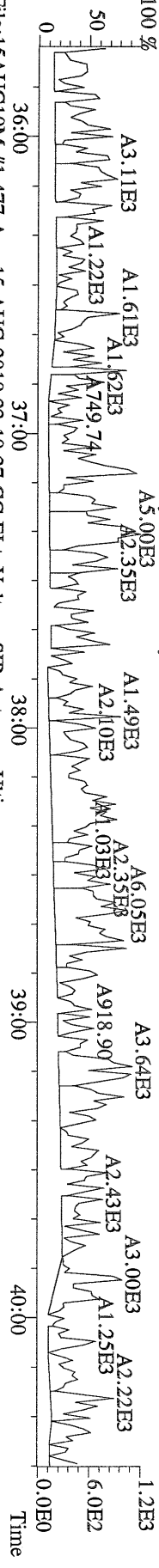
File:15AUG10M #1-357 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 333.9339 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



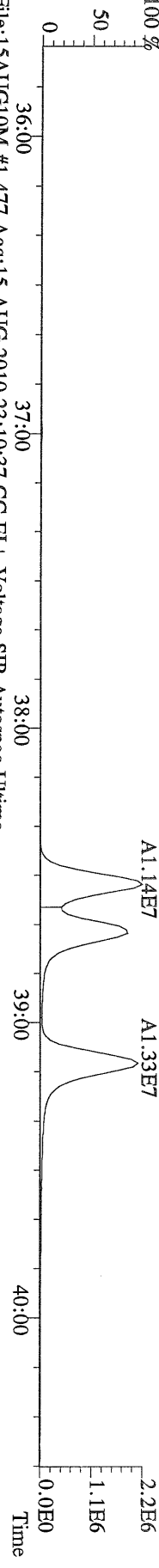
File:15AUG10M #1-477 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 389.8156 S:13 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



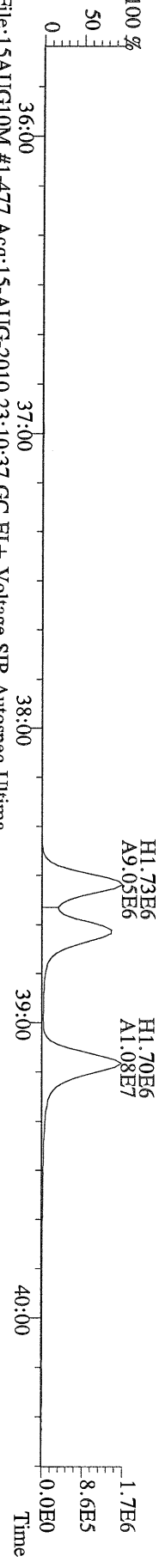
File:15AUG10M #1-477 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 391.8127 S:13 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



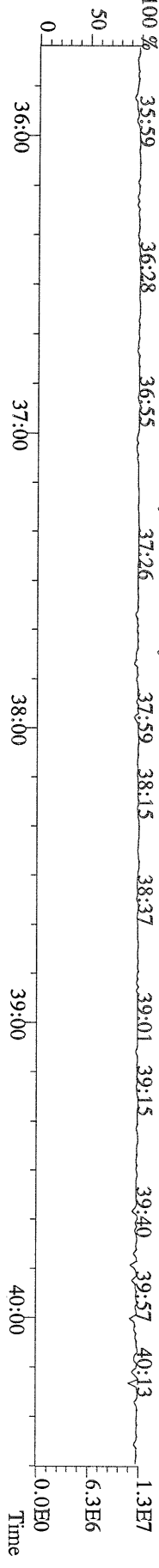
File:15AUG10M #1-477 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 401.8559 S:13 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



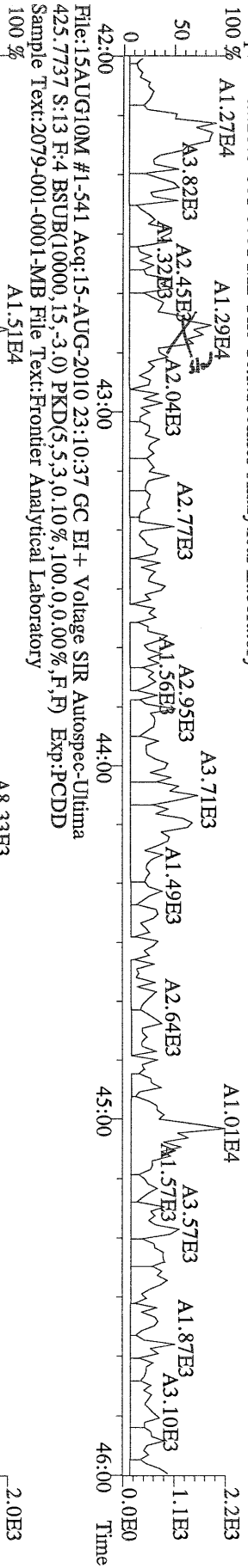
File:15AUG10M #1-477 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 403.8530 S:13 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



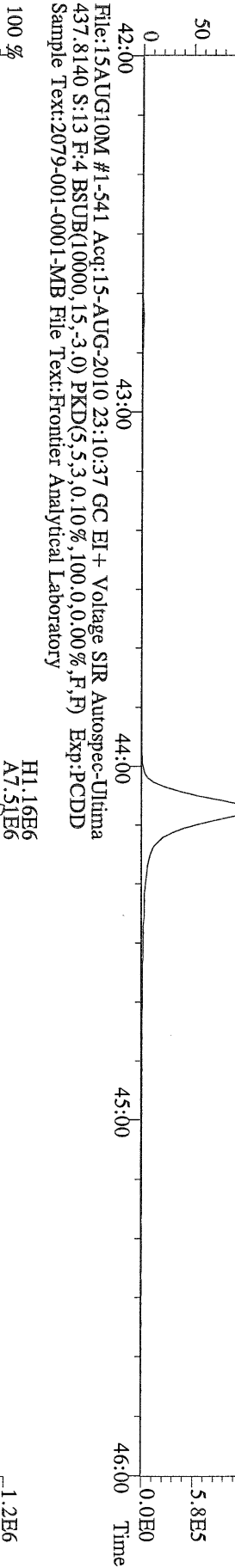
File:15AUG10M #1-477 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 380.9760 S:13 F:3 Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



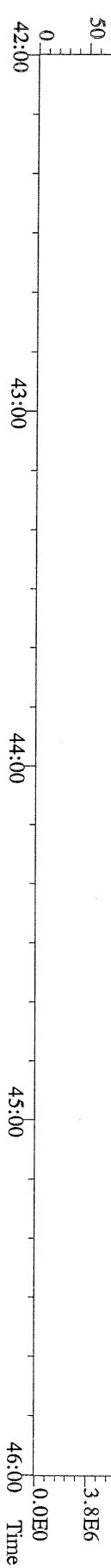
File:15AUG10M #1-541 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 423.7767 S:13 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory
 100% A1.27E4



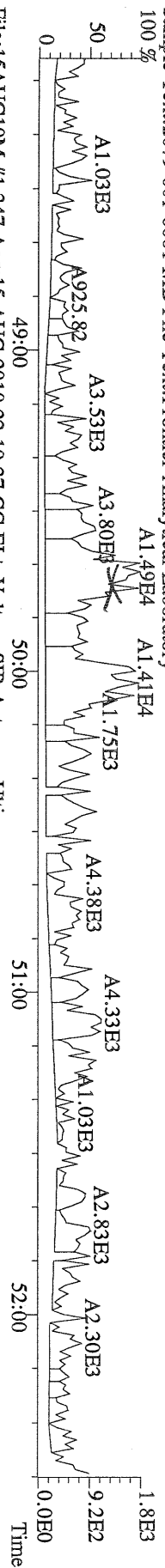
File:15AUG10M #1-541 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 435.8169 S:13 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory
 100% A7.68E6



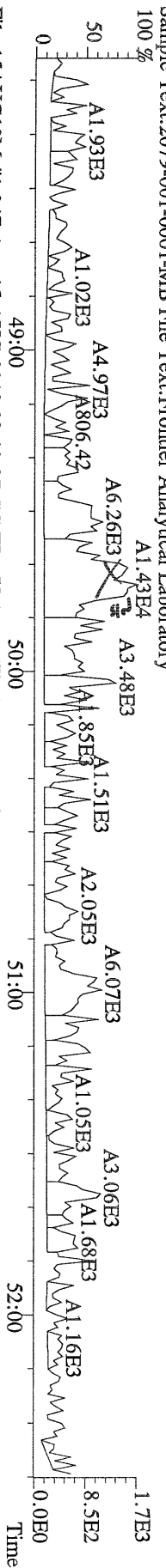
File:15AUG10M #1-541 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 430.9728 S:13 F:4 Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory
 100% 42.35 42.49 43.12 43.32 43.50 44.10 44.27 44.51 45.29



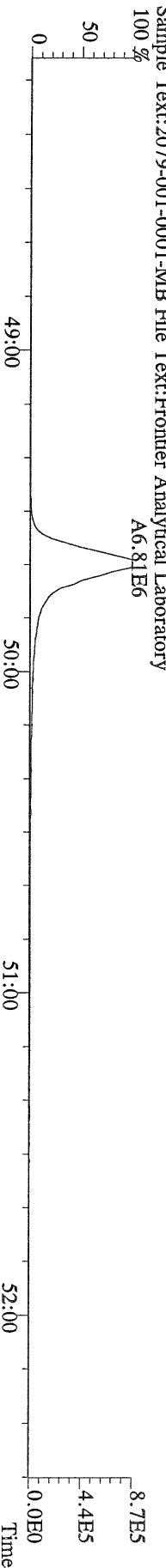
File:15AUG10M #1-347 Acq:15-AUG-2010 23:10:37 GC EI + Voltage SIR Autospec-Ultima
 457.7377 S:13 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



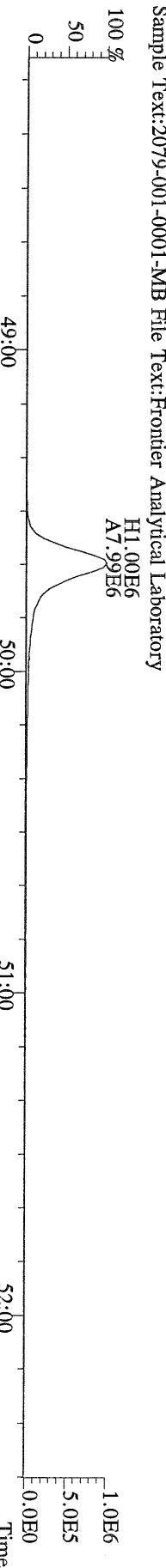
File:15AUG10M #1-347 Acq:15-AUG-2010 23:10:37 GC EI + Voltage SIR Autospec-Ultima
 459.7348 S:13 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



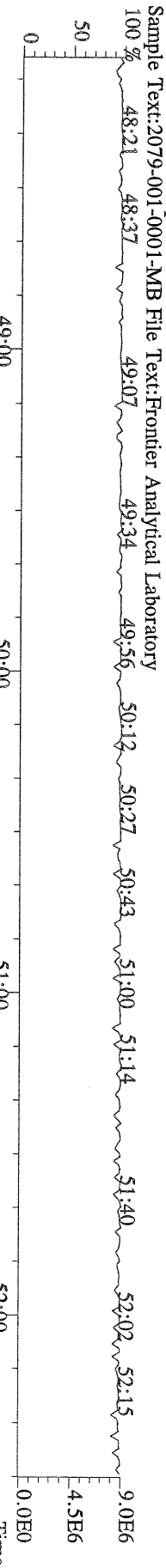
File:15AUG10M #1-347 Acq:15-AUG-2010 23:10:37 GC EI + Voltage SIR Autospec-Ultima
 469.7780 S:13 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



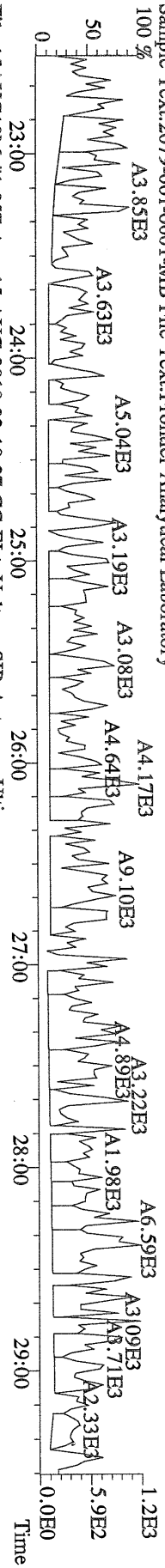
File:15AUG10M #1-347 Acq:15-AUG-2010 23:10:37 GC EI + Voltage SIR Autospec-Ultima
 471.7750 S:13 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



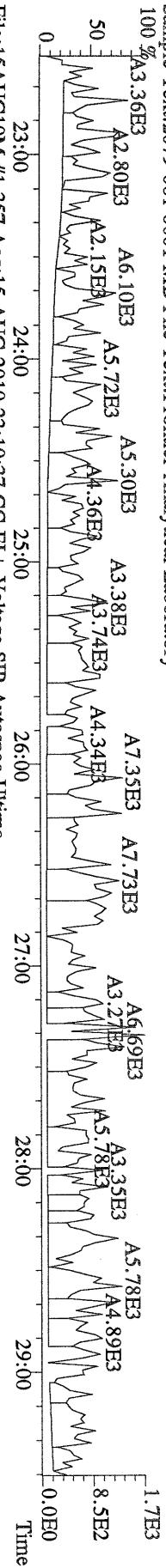
File:15AUG10M #1-347 Acq:15-AUG-2010 23:10:37 GC EI + Voltage SIR Autospec-Ultima
 454.9728 S:13 F:5 Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



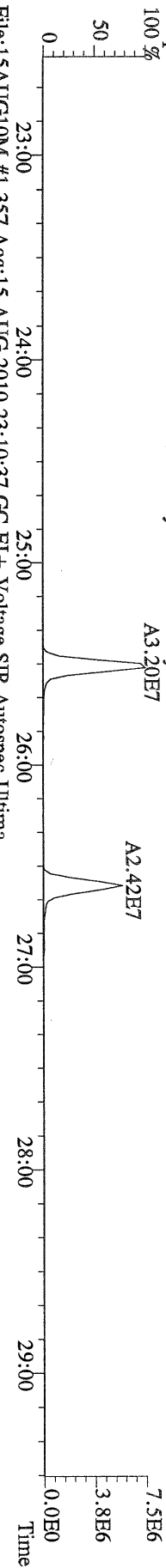
File:15AUG10M #1-357 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



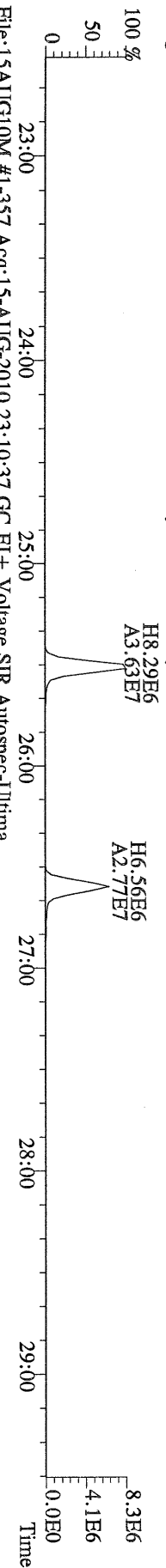
File:15AUG10M #1-357 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 305.8987 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



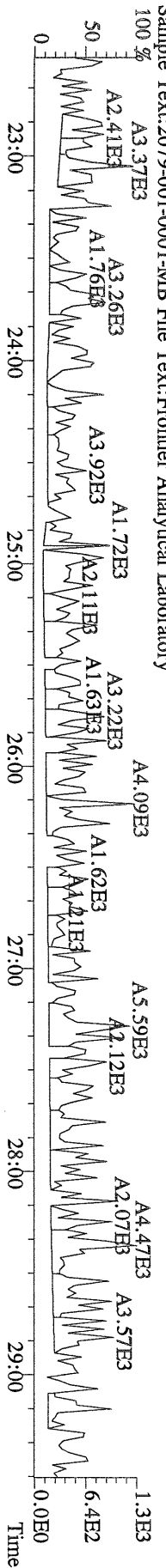
File:15AUG10M #1-357 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



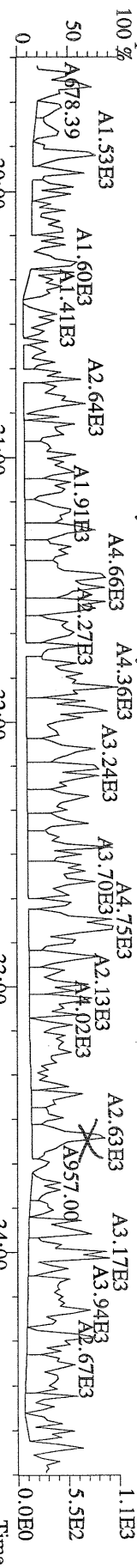
File:15AUG10M #1-357 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 317.9389 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



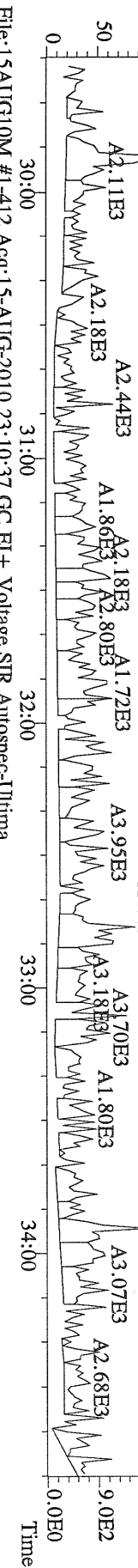
File:15AUG10M #1-357 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 S:13 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



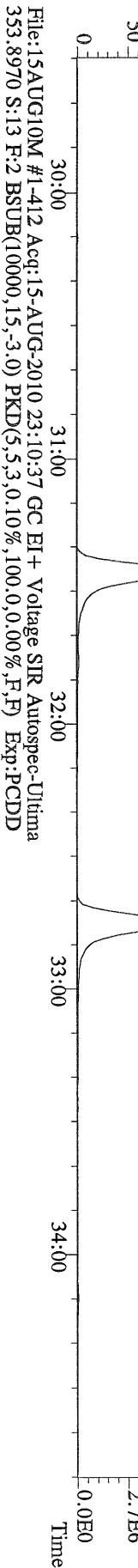
File:15AUG10M #1-412 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



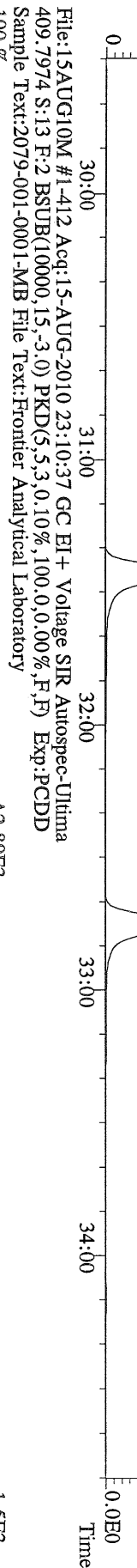
File:15AUG10M #1-412 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



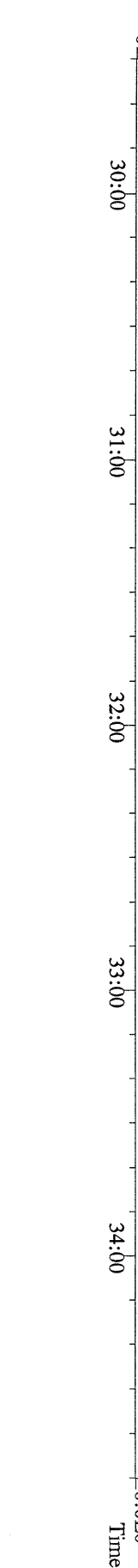
File:15AUG10M #1-412 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



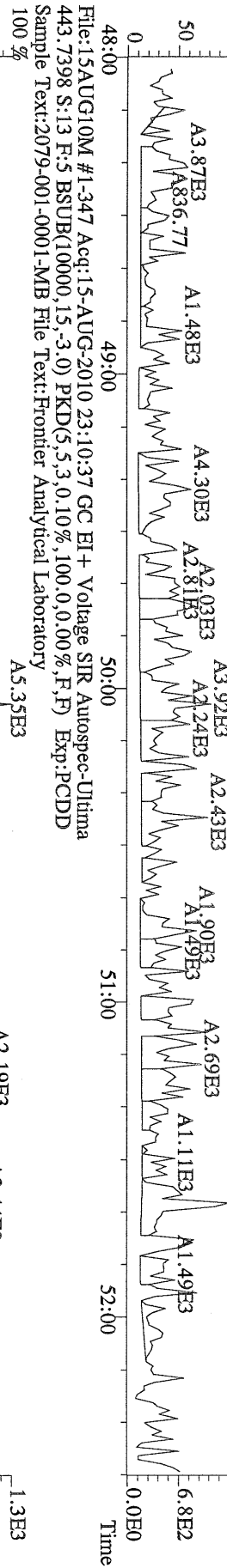
File:15AUG10M #1-412 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 353.8970 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



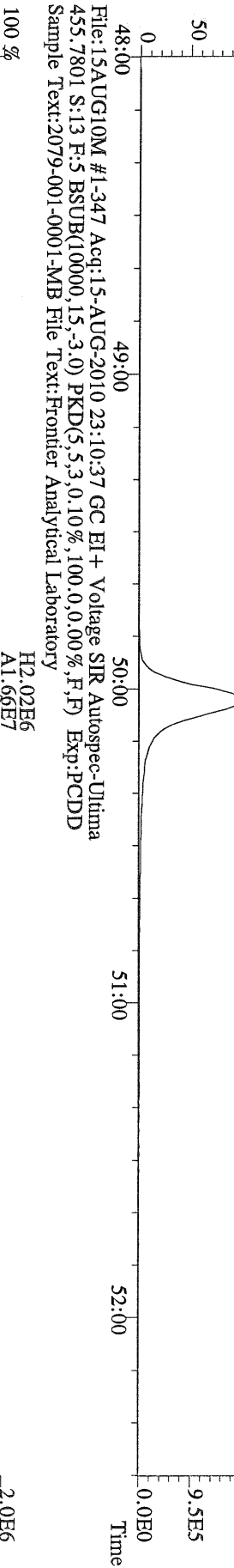
File:15AUG10M #1-412 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:13 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



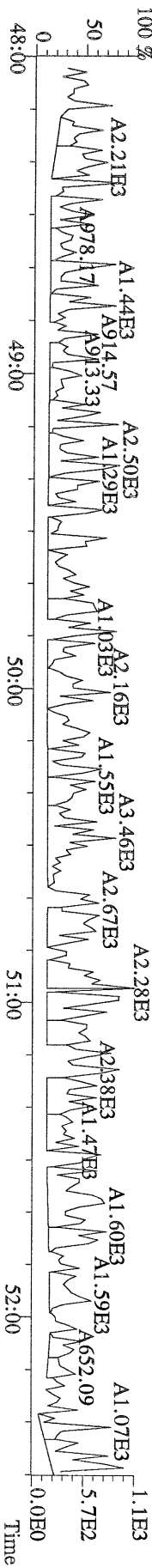
File:15AUG10M #1-347 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Uhima
441.7428 S:13 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



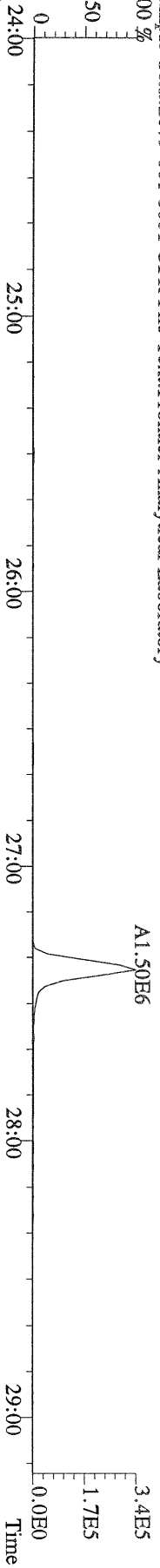
File:15AUG10M #1-347 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Uhima
453.7831 S:13 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



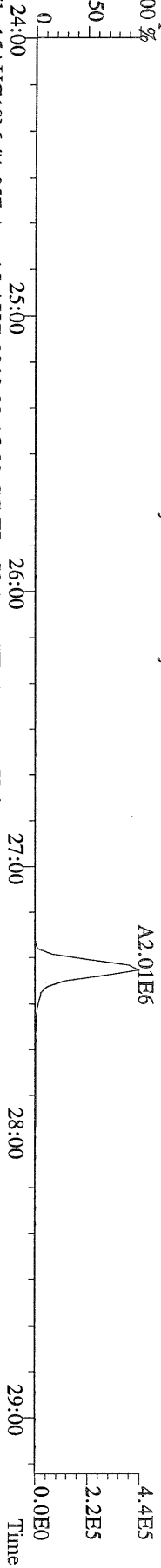
File:15AUG10M #1-347 Acq:15-AUG-2010 23:10:37 GC EI+ Voltage SIR Autospec-Uhima
513.6775 S:13 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-MB File Text:Frontier Analytical Laboratory



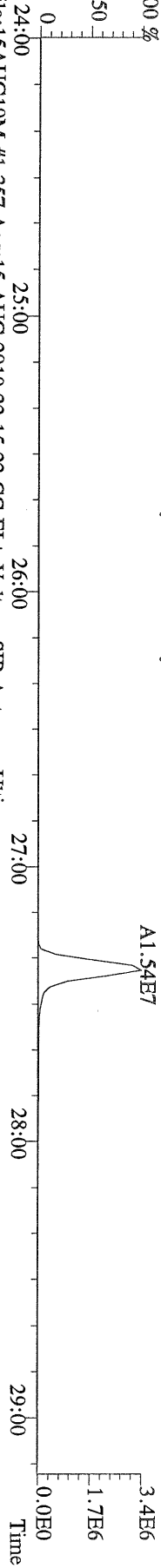
File:15AUG10M #1-357 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



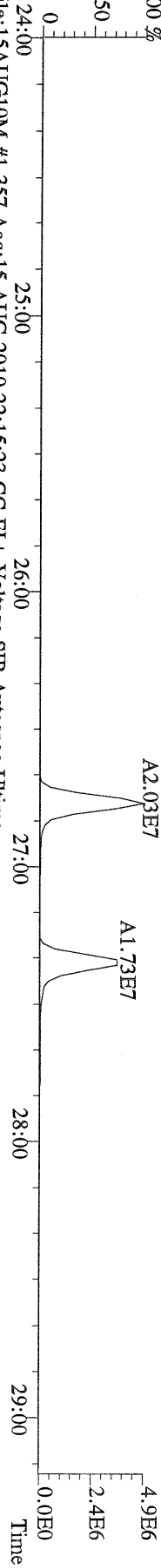
File:15AUG10M #1-357 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



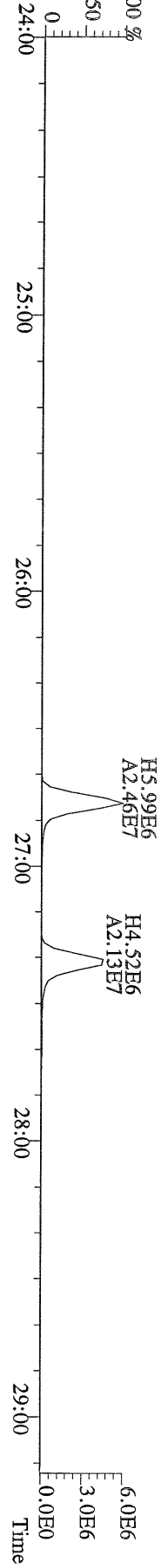
File:15AUG10M #1-357 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



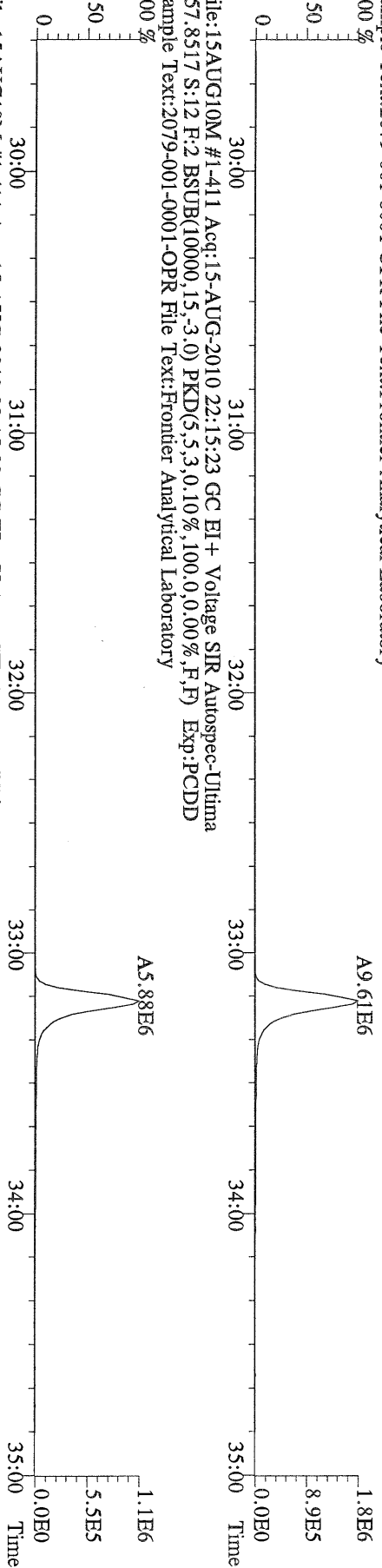
File:15AUG10M #1-357 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



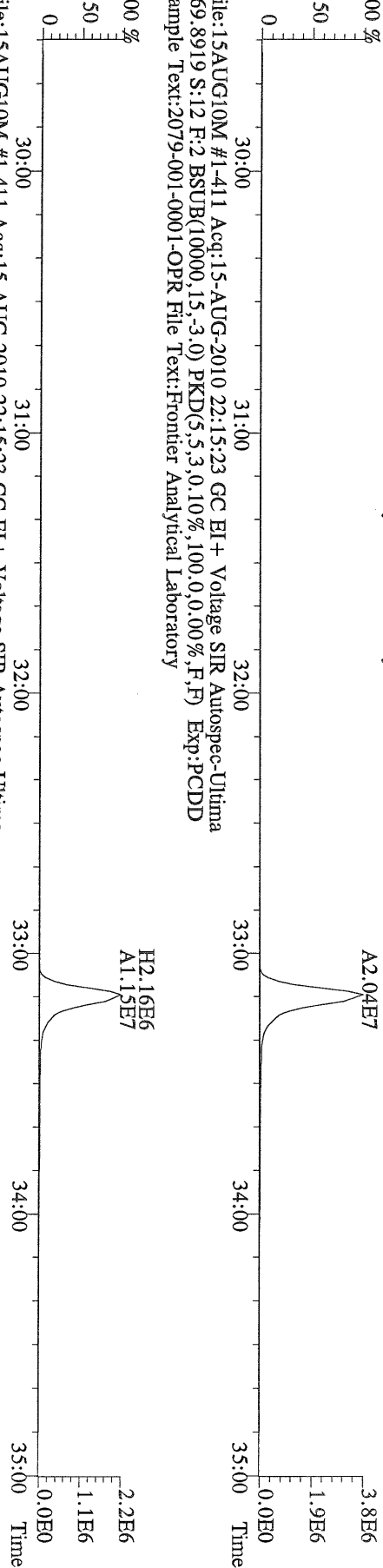
File:15AUG10M #1-357 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



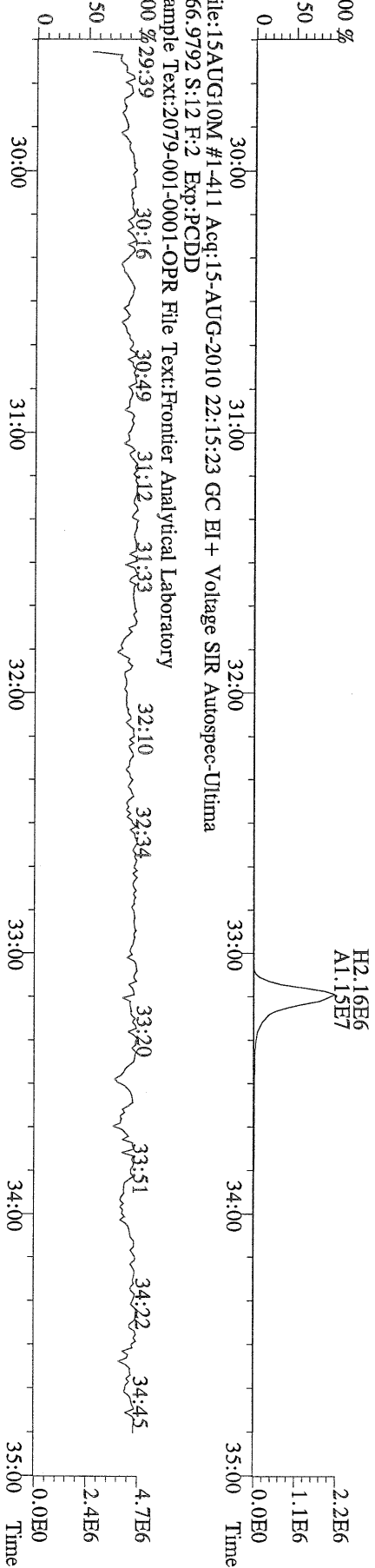
File:15AUG10M #1-411 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



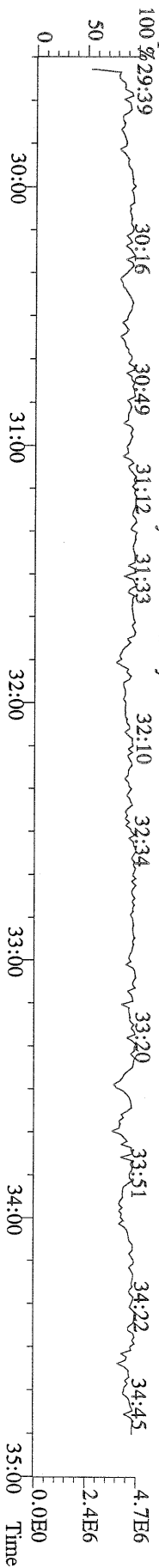
File:15AUG10M #1-411 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



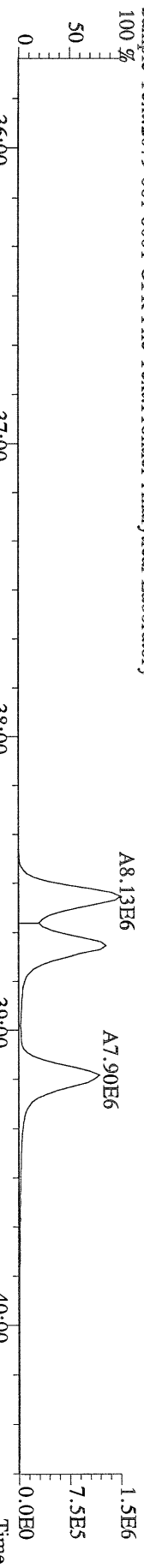
File:15AUG10M #1-411 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



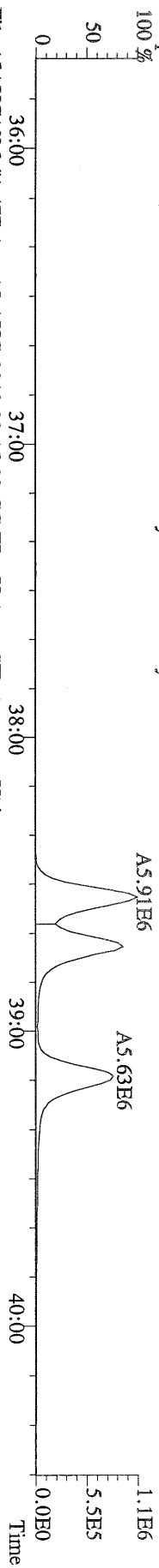
File:15AUG10M #1-411 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:12 F:2 Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



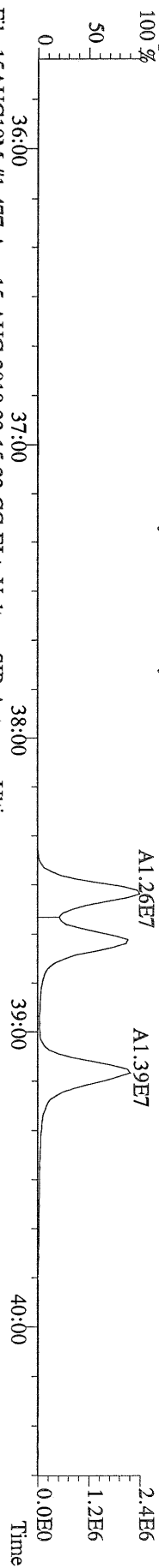
File:15AUG10M #1-477 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



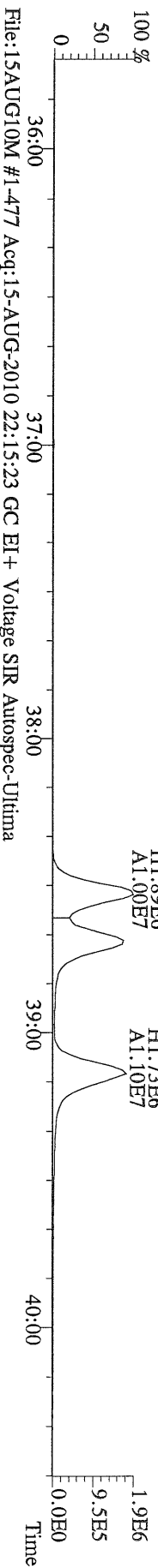
File:15AUG10M #1-477 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



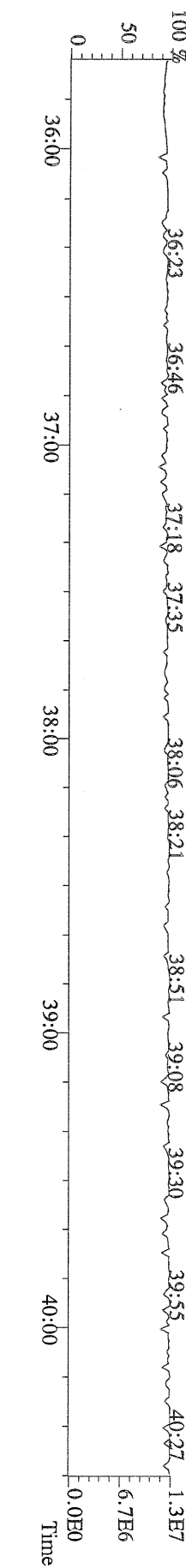
File:15AUG10M #1-477 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



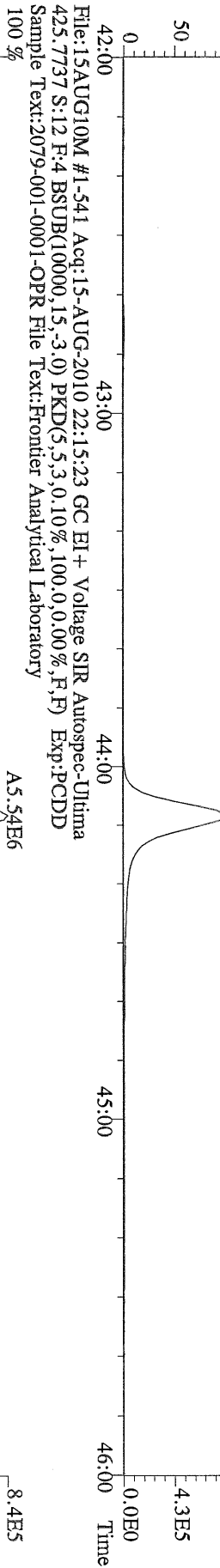
File:15AUG10M #1-477 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



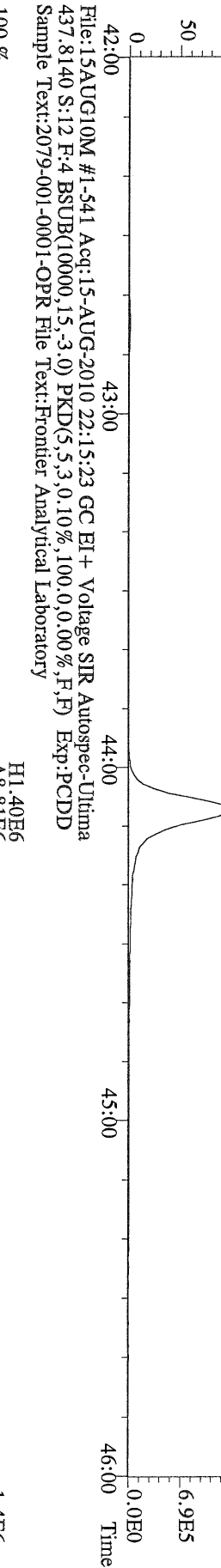
File:15AUG10M #1-477 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:12 F:3 Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



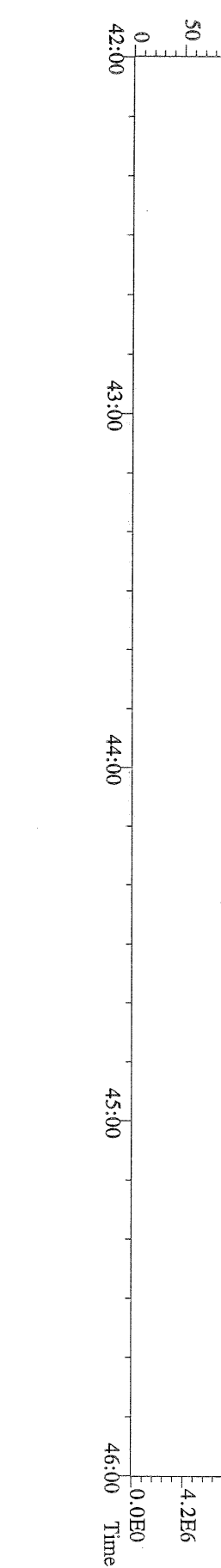
File:15AUG10M #1-541 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



File:15AUG10M #1-541 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



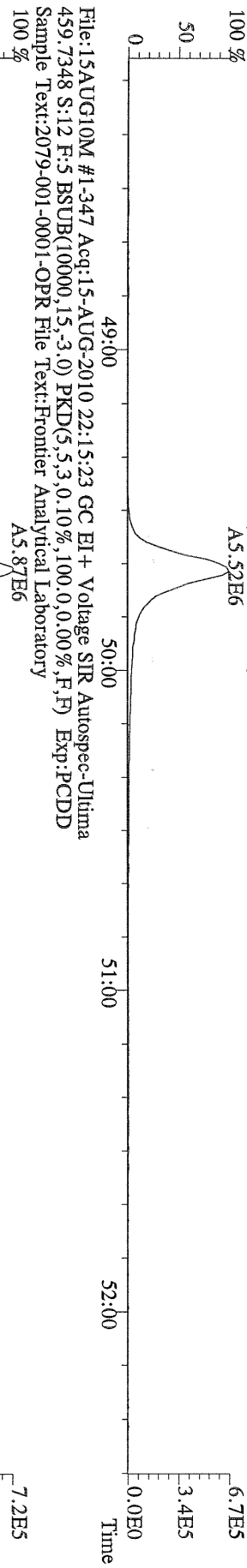
File:15AUG10M #1-541 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



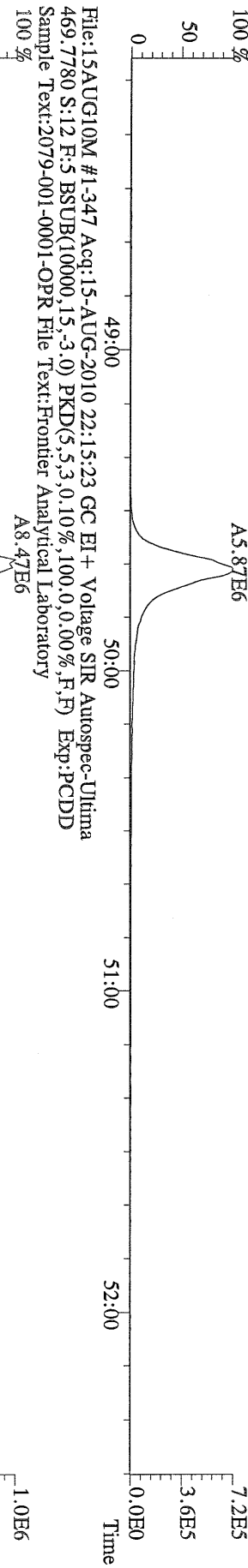
File:15AUG10M #1-541 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



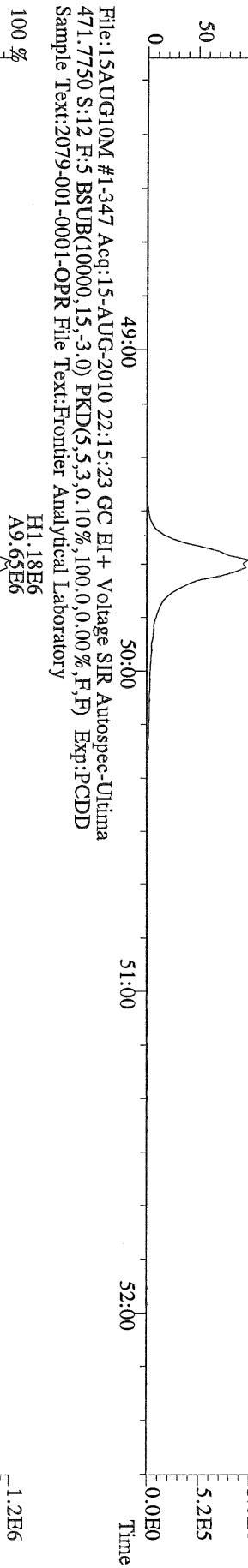
File:15AUG10M #1-347 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:12 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



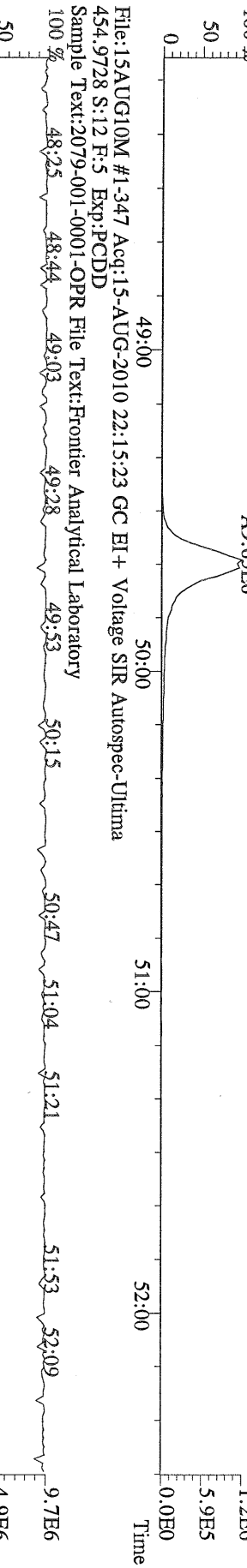
File:15AUG10M #1-347 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:12 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



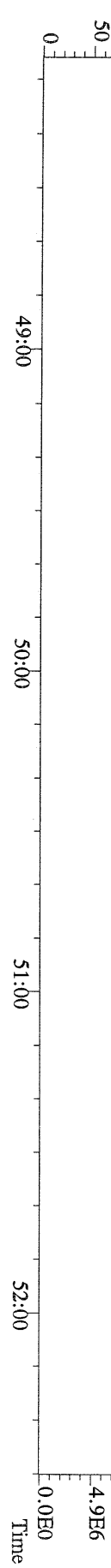
File:15AUG10M #1-347 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:12 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



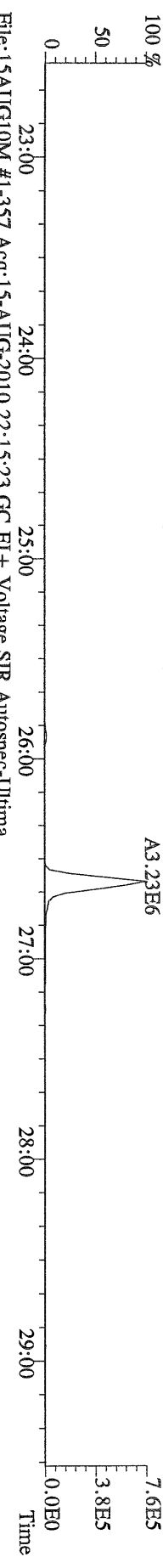
File:15AUG10M #1-347 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:12 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



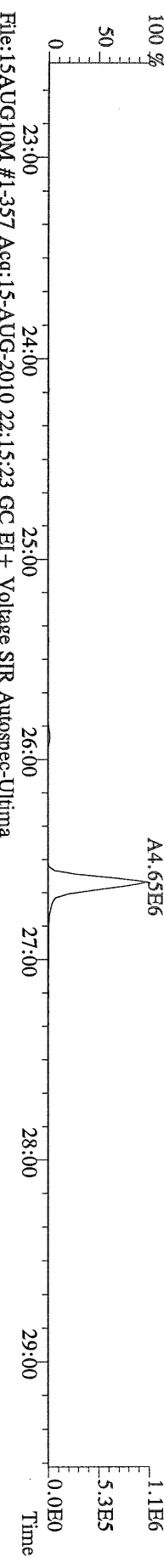
File:15AUG10M #1-347 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:12 F:5 Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
100 %



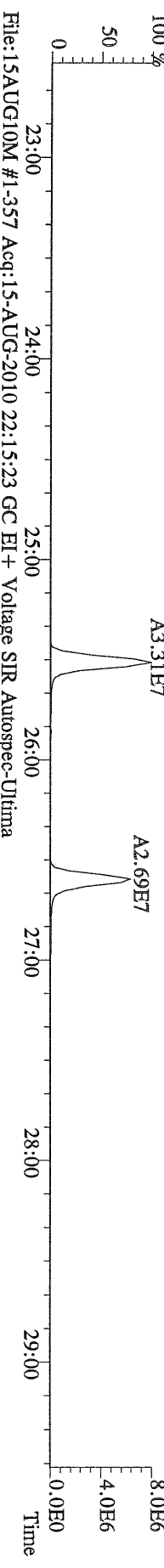
File:15AUG10M #1-357 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:12 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



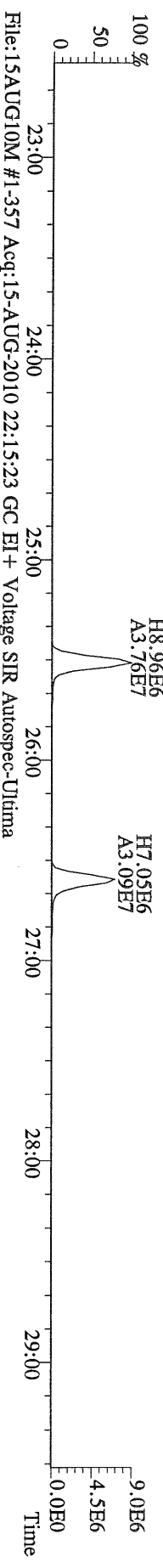
File:15AUG10M #1-357 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
 305.8987 S:12 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



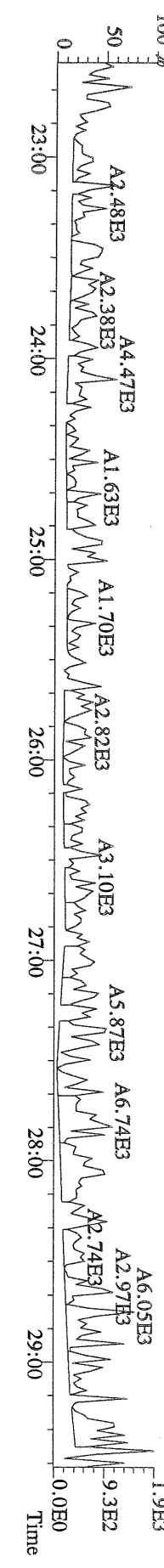
File:15AUG10M #1-357 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 S:12 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



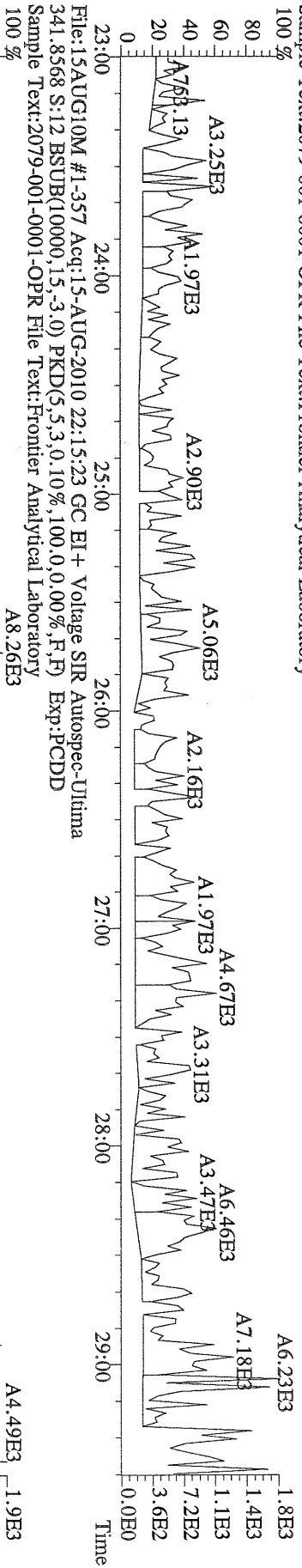
File:15AUG10M #1-357 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
 317.9389 S:12 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



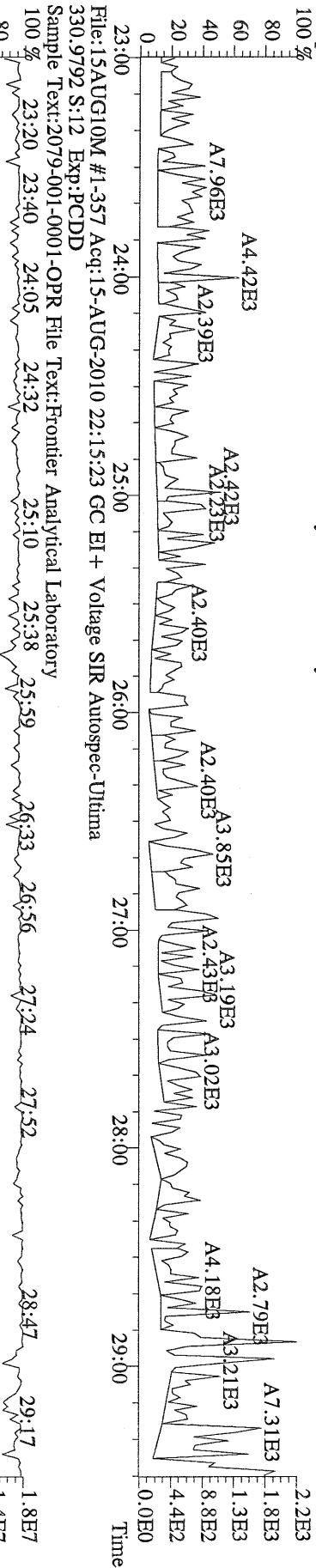
File:15AUG10M #1-357 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 S:12 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



File:15AUG10M #1-357 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



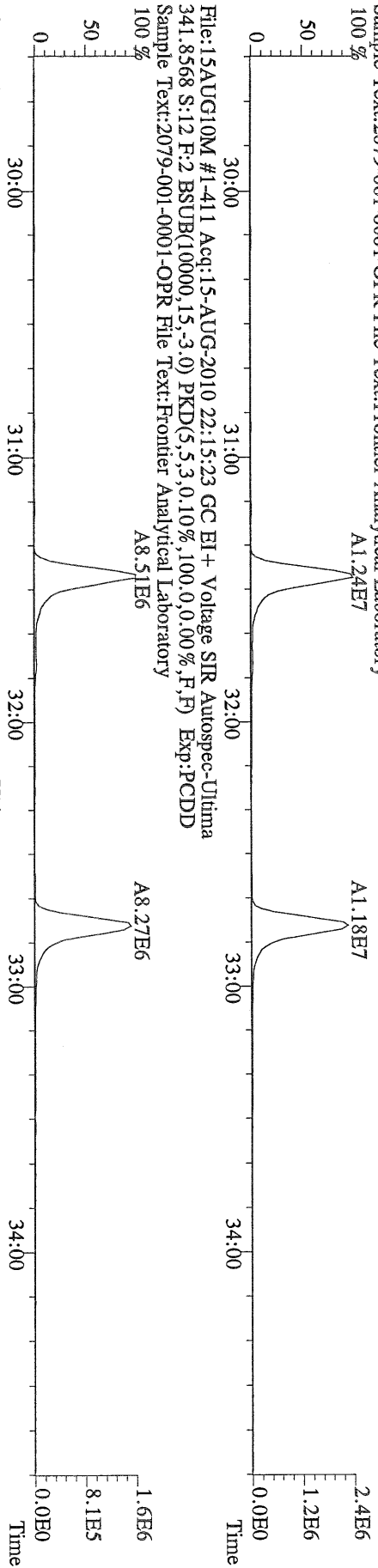
File:15AUG10M #1-357 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



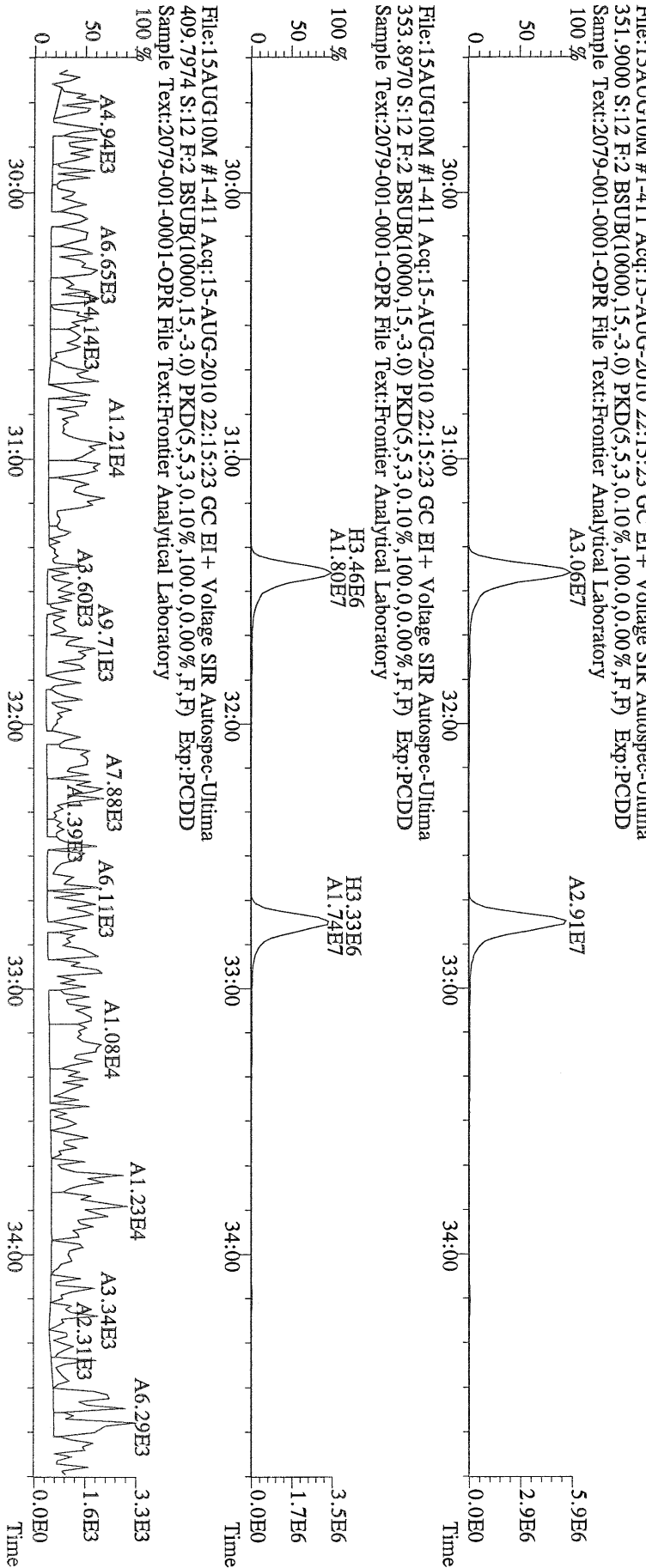
File:15AUG10M #1-357 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
 330.9792 S:12 Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



File:15AUG10M #1-411 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory

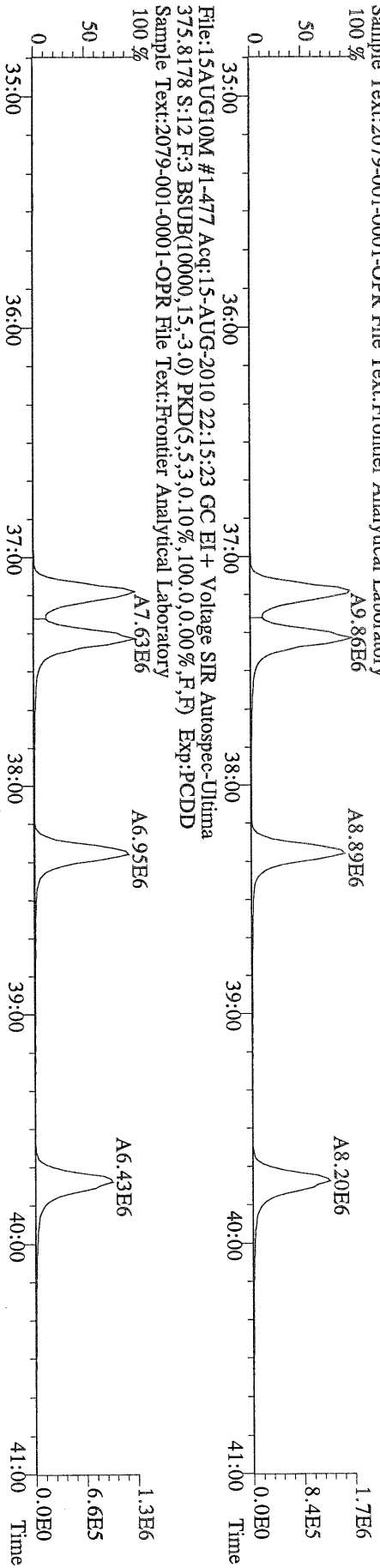


File:15AUG10M #1-411 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory

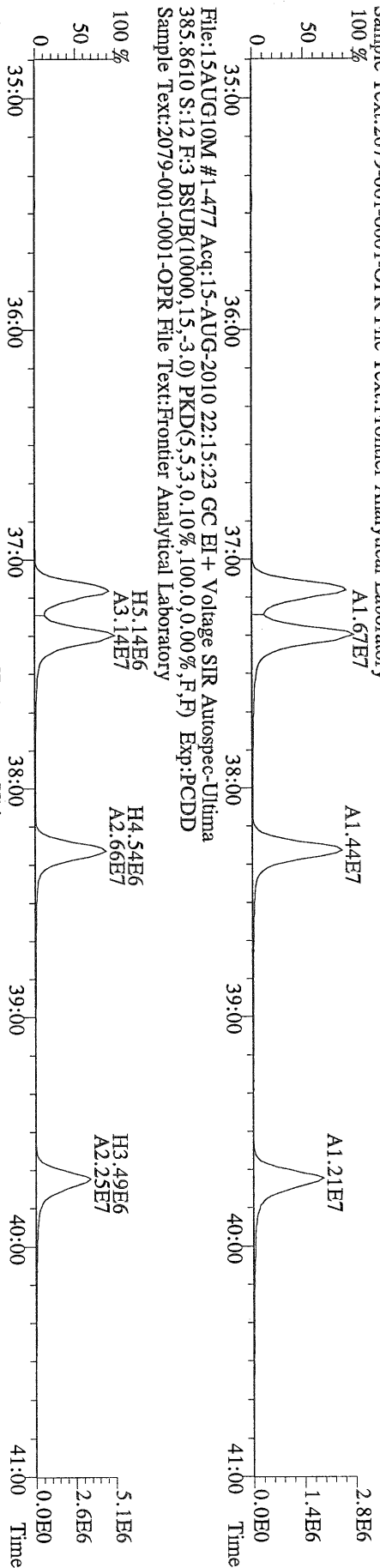


File:15AUG10M #1-411 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory

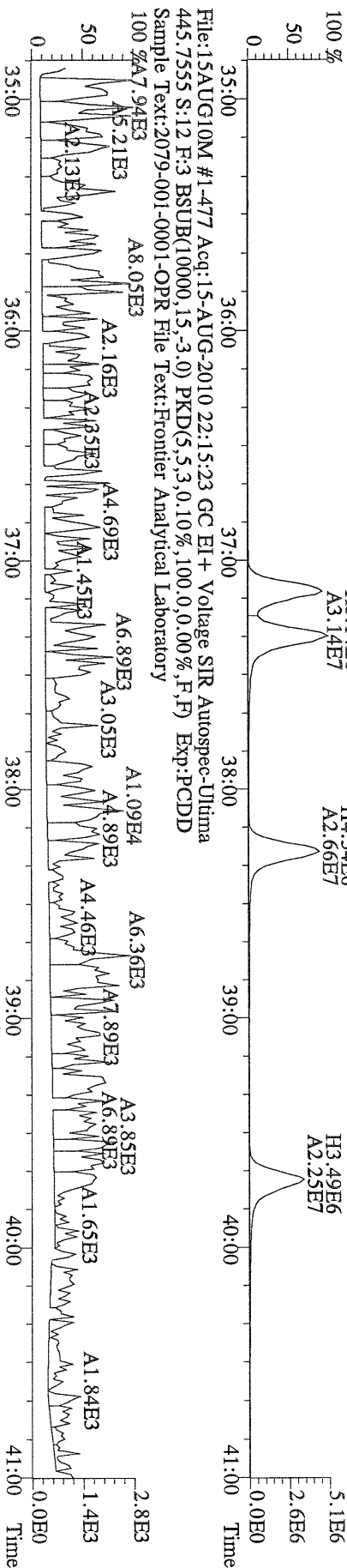
File:15AUG10M #1-477 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



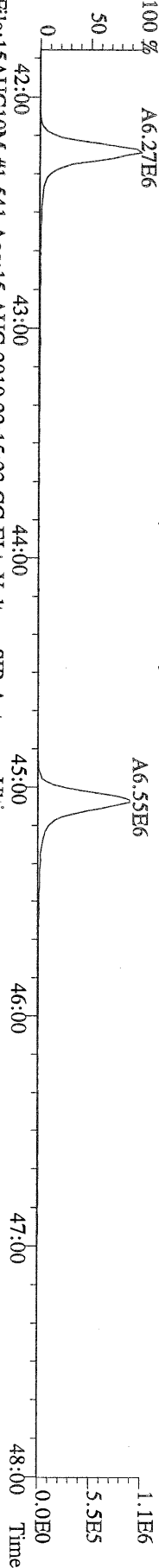
File:15AUG10M #1-477 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



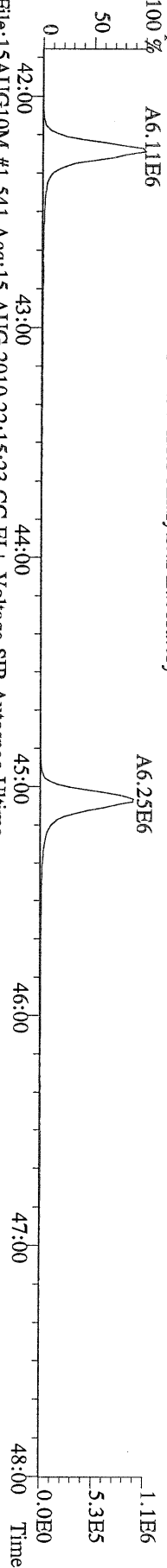
File:15AUG10M #1-477 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



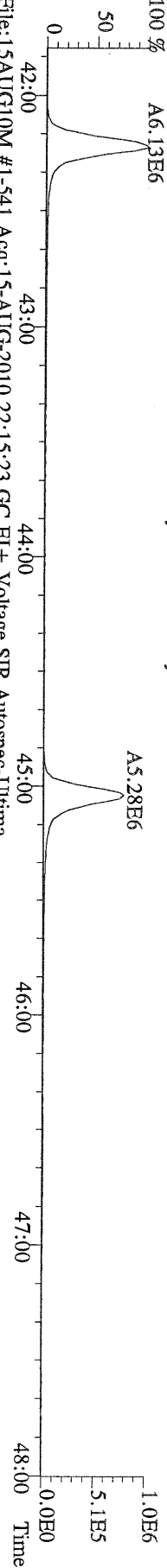
File:15AUG10M #1-541 Acq:15-AUG-2010 22:15:23 GC EI + Voltage SIR Autospec-Utima
 407.7818 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
 100 % A6.27E6



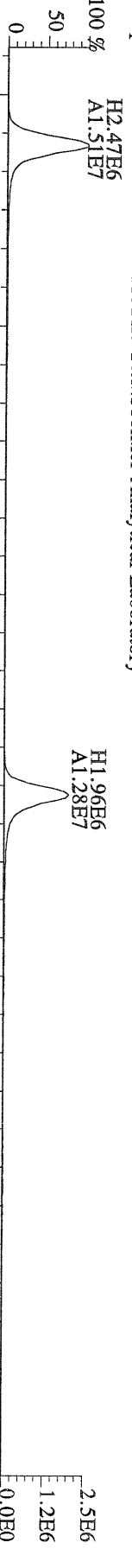
File:15AUG10M #1-541 Acq:15-AUG-2010 22:15:23 GC EI + Voltage SIR Autospec-Utima
 409.7788 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
 100 % A6.11E6



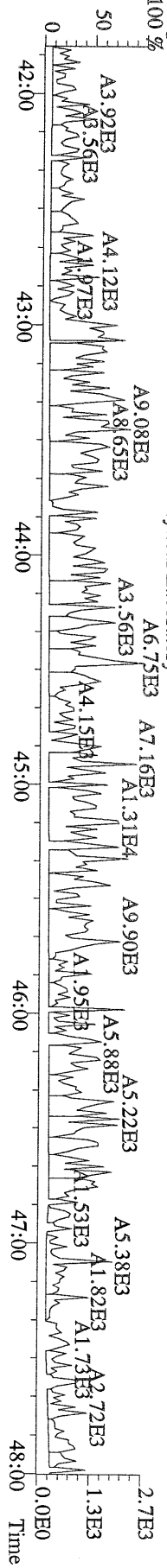
File:15AUG10M #1-541 Acq:15-AUG-2010 22:15:23 GC EI + Voltage SIR Autospec-Utima
 417.8253 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory
 100 % A6.13E6



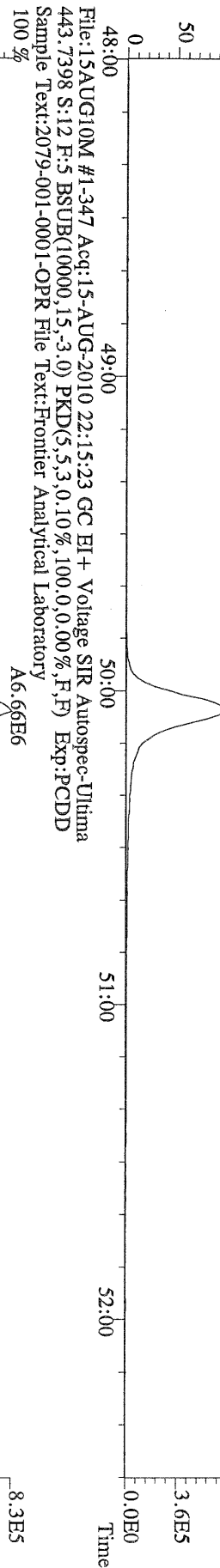
File:15AUG10M #1-541 Acq:15-AUG-2010 22:15:23 GC EI + Voltage SIR Autospec-Utima
 419.8220 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



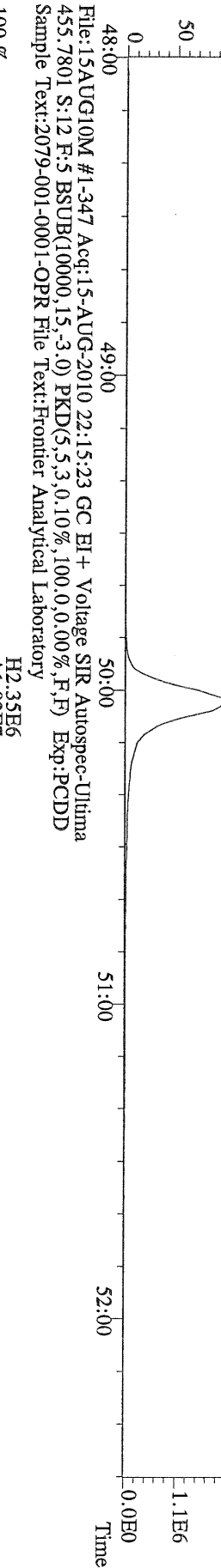
File:15AUG10M #1-541 Acq:15-AUG-2010 22:15:23 GC EI + Voltage SIR Autospec-Utima
 479.7165 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



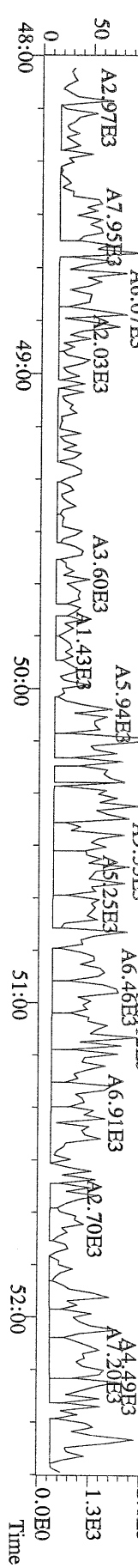
File:15AUG10M #1-347 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



File:15AUG10M #1-347 Acq:15-AUG-2010 22:15:23 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:2079-001-0001-OPR File Text:Frontier Analytical Laboratory



File:15AUG10M #1-347 Acq:15-AUG-2010 22:15:23 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:PCDD
Sample Text:2079-001-0001-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	1.04	*		2.50	429	787	0.359		
1,2,3,7,8-PeCDD	6.45e+04	1.39 y	33:11	1.05	1.97	J	2.50	-	-	*		
1,2,3,4,7,8-HxCDD	7.58e+04	1.40 y	38:33	1.30	2.66	J	2.50	-	-	*		
1,2,3,6,7,8-HxCDD	2.76e+05	1.32 y	38:43	1.28	10.2	J	2.50	-	-	*		
1,2,3,7,8,9-HxCDD	1.82e+05	1.37 y	39:09	1.25	6.78	J	2.50	-	-	*		
1,2,3,4,6,7,8-HpCDD	9.08e+06	1.01 y	44:09	1.35	365		2.50	-	-	*		
OCDD	4.96e+07	0.95 y	49:41	1.25	3810		2.50	-	-	*		
2,3,7,8-TCDF	5.27e+04	0.69 y	26:37	1.62	0.606	J	2.50	-	-	*		
1,2,3,7,8-PeCDF	2.47e+04	1.48 y	31:26	0.92	0.548	J	2.50	-	-	*		
2,3,4,7,8-PeCDF	3.63e+04	1.59 y	32:47	0.94	0.830	J	2.50	-	-	*		
1,2,3,4,7,8-HxCDF	8.37e+04	1.25 y	37:09	0.93	2.18	J	2.50	-	-	*		
1,2,3,6,7,8-HxCDF	7.84e+04	1.31 y	37:21	0.84	1.94	J	2.50	-	-	*		
2,3,4,6,7,8-HxCDF	1.07e+05	1.21 y	38:18	0.90	2.90	J	2.50	-	-	*		
1,2,3,7,8,9-HxCDF	*	* n	NotFnd	0.98	*		2.50	668	397	0.492		
1,2,3,4,6,7,8-HpCDF	2.33e+06	1.04 y	42:14	1.38	75.3		2.50	-	-	*		
1,2,3,4,7,8,9-HpCDF	7.65e+04	1.09 y	45:03	1.62	2.52	J	2.50	-	-	*		
OCDF	5.34e+06	0.87 y	50:04	0.74	352		2.50	-	-	*		
13C-2,3,7,8-TCDD	3.58e+07	0.84 y	27:21	0.93	994						101	
13C-1,2,3,7,8-PeCDD	3.08e+07	1.77 y	33:10	0.81	982						99.7	
13C-1,2,3,4,7,8-HxCDD	2.16e+07	1.25 y	38:32	0.95	1010						102	
13C-1,2,3,6,7,8-HxCDD	2.09e+07	1.25 y	38:41	1.00	928						94.2	
13C-1,2,3,4,6,7,8-HpCDD	1.81e+07	1.02 y	44:07	0.92	869						88.2	
13C-OCDD	2.05e+07	0.88 y	49:40	0.63	1430						72.8	
13C-2,3,7,8-TCDF	5.30e+07	0.87 y	26:36	0.87	966						98.0	
13C-1,2,3,7,8-PeCDF	4.84e+07	1.69 y	31:26	0.81	950						96.5	
13C-2,3,4,7,8-PeCDF	4.56e+07	1.67 y	32:45	0.75	961						97.5	
13C-1,2,3,4,7,8-HxCDF	4.06e+07	0.53 y	37:08	1.74	1030						105	
13C-1,2,3,6,7,8-HxCDF	4.75e+07	0.53 y	37:20	2.17	967						98.2	
13C-2,3,4,6,7,8-HxCDF	4.04e+07	0.54 y	38:16	1.82	982						99.7	
13C-1,2,3,7,8,9-HxCDF	3.39e+07	0.55 y	39:42	1.49	1010						102	
13C-1,2,3,4,6,7,8-HpCDF	2.21e+07	0.41 y	42:13	1.10	890						90.3	
13C-1,2,3,4,7,8,9-HpCDF	1.84e+07	0.40 y	45:03	0.81	996						101	
13C-OCDF	4.04e+07	0.94 y	50:03	1.19	1500						76.4	
37Cl-2,3,7,8-TCDD	1.46e+07		27:22	0.93	404						103	
13C-1,2,3,4-TCDD	3.83e+07	0.83 y	26:46	-	55.7							
13C-1,2,3,4-TCDF	6.23e+07	0.88 y	25:31	-	57.5							
13C-1,2,3,7,8,9-HxCDD	2.23e+07	1.23 y	39:08	-	51.0							
Total Tetra-Dioxins	7.30e+05		24:23	1.04	19.4		2.50	-	-	*		5
Total Penta-Dioxins	1.16e+06		30:12	1.05	35.4		2.50	-	-	*		8
Total Hexa-Dioxins	2.89e+06		36:05	1.27	105		2.50	-	-	*		8
Total Hepta-Dioxins	1.84e+07		42:46	1.35	740		2.50	-	-	*		2
Total Tetra-Furans	1.28e+06		23:23	1.62	14.8		2.50	-	-	*		16
1st Fn. Tot Penta-Furans	5.75e+05		28:24	0.93	13.0		2.50	-	-	*	PeCDF	1
Total Penta-Furans	6.76e+05		30:01	0.93	15.2		2.50	-	-	*	28.2	7
Total Hexa-Furans	2.49e+06		35:12	0.90	66.6		2.50	-	-	*		8
Total Hepta-Furans	7.32e+06		42:14	1.48	239		2.50	-	-	*		4

Analyst: J Date: 8/16/10

Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 23

File: 15AUG10M

S: 18 I: 1 F: 1

Acquired: 16-AUG-10 03:47:14

Total Concentration: 19.4

Unnamed Concentration: 19.393

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:23	1.58e+05	2.26e+05	0.70 y	3.84e+05	10.2	
24:39	8.90e+04	1.23e+05	0.72 y	2.12e+05	5.63	
25:45	1.60e+04	2.28e+04	0.70 y	3.88e+04	1.03	
25:56	1.74e+04	2.50e+04	0.70 y	4.24e+04	1.13	
27:06	2.27e+04	3.06e+04	0.74 y	5.33e+04	1.42	

Totals class: Total Penta-Dioxins

Entry #: 39

Run: 23

File: 15AUG10M

S: 18 I: 1 F: 2

Acquired: 16-AUG-10 03:47:14

Total Concentration: 35.4

Unnamed Concentration: 33.482

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:12	1.86e+05	1.11e+05	1.68 y	2.97e+05	9.08	
30:48	2.58e+04	1.54e+04	1.68 y	4.12e+04	1.26	
31:26	1.71e+05	1.02e+05	1.68 y	2.73e+05	8.34	
31:40	4.84e+04	2.94e+04	1.64 y	7.79e+04	2.38	
31:48	1.58e+05	1.02e+05	1.55 y	2.59e+05	7.92	
32:05	4.42e+04	2.95e+04	1.50 y	7.37e+04	2.25	
32:34	4.24e+04	3.21e+04	1.32 y	7.45e+04	2.27	
33:11	3.75e+04	2.69e+04	1.39 y	6.45e+04	1.97	1,2,3,7,8-PeCDD

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 23

File: 15AUG10M

S: 18 I: 1 F: 3

Acquired: 16-AUG-10 03:47:14

Total Concentration: 105

Unnamed Concentration: 85.708

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:05	4.00e+05	2.86e+05	1.40 y	6.86e+05	25.0	
37:01	2.96e+05	2.14e+05	1.38 y	5.10e+05	18.6	
37:26	6.18e+05	4.38e+05	1.41 y	1.06e+06	38.4	
37:37	2.77e+04	2.37e+04	1.17 y	5.15e+04	1.87	
38:33	4.42e+04	3.16e+04	1.40 y	7.58e+04	2.66	1,2,3,4,7,8-HxCDD
38:43	1.57e+05	1.19e+05	1.32 y	2.76e+05	10.2	1,2,3,6,7,8-HxCDD
39:01	2.91e+04	2.24e+04	1.30 y	5.14e+04	1.87	
39:09	1.05e+05	7.70e+04	1.37 y	1.82e+05	6.78	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 23

File: 15AUG10M

S: 18 I: 1 F: 4

Acquired: 16-AUG-10 03:47:14

Total Concentration: 740

Unnamed Concentration: 375.290

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:46	4.70e+06	4.64e+06	1.01 y	9.34e+06	375	
44:09	4.56e+06	4.52e+06	1.01 y	9.08e+06	365	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 23

File: 15AUG10M

S: 18 I: 1 F: 1

Acquired: 16-AUG-10 03:47:14

Total Concentration: 14.8

Unnamed Concentration: 14.148

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:23	1.96e+04	2.63e+04	0.75 y	4.59e+04	0.528	
23:46	1.19e+05	1.72e+05	0.69 y	2.91e+05	3.35	
24:10	4.42e+04	5.80e+04	0.76 y	1.02e+05	1.18	
24:24	3.77e+04	5.20e+04	0.72 y	8.97e+04	1.03	
24:42	5.59e+04	7.77e+04	0.72 y	1.34e+05	1.54	
24:55	1.08e+04	1.49e+04	0.72 y	2.57e+04	0.296	
25:17	2.13e+04	3.16e+04	0.67 y	5.29e+04	0.608	
25:25	6.13e+04	9.19e+04	0.67 y	1.53e+05	1.76	
25:31	2.15e+04	3.05e+04	0.71 y	5.20e+04	0.598	
25:53	2.35e+04	3.20e+04	0.73 y	5.55e+04	0.638	
26:08	1.08e+04	1.39e+04	0.77 y	2.47e+04	0.284	
26:15	9.65e+03	1.31e+04	0.74 y	2.27e+04	0.261	
26:30	1.90e+04	2.84e+04	0.67 y	4.74e+04	0.545	
26:37	2.16e+04	3.12e+04	0.69 y	5.27e+04	0.606	2,3,7,8-TCDF
26:57	3.43e+04	4.70e+04	0.73 y	8.13e+04	0.935	
28:24	2.11e+04	3.16e+04	0.67 y	5.27e+04	0.606	

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

Run: 23 File: 15AUG10M S: 18 I: 1 F: 1
Acquired: 16-AUG-10 03:47:14

Total Concentration: 13.0 Unnamed Concentration: 12.954

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:24	3.54e+05	2.21e+05	1.60 y	5.75e+05	13.0	

Totals class: Total Penta-Furans

Entry #: 44

Run: 23

File: 15AUG10M

S: 18 I: 1 F: 2

Acquired: 16-AUG-10 03:47:14

Total Concentration: 15.2

Unnamed Concentration: 13.862

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:01	3.05e+04	1.90e+04	1.61 y	4.95e+04	1.11	
30:12	1.87e+05	1.37e+05	1.36 y	3.24e+05	7.29	
30:54	7.54e+04	5.36e+04	1.41 y	1.29e+05	2.91	
31:26	1.47e+04	9.97e+03	1.48 y	2.47e+04	0.548	1,2,3,7,8-PeCDF
31:47	3.14e+04	2.38e+04	1.32 y	5.51e+04	1.24	
32:47	2.23e+04	1.40e+04	1.59 y	3.63e+04	0.830	2,3,4,7,8-PeCDF
32:50	3.34e+04	2.45e+04	1.36 y	5.79e+04	1.30	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 23

File: 15AUG10M

S: 18 I: 1 F: 3

Acquired: 16-AUG-10 03:47:14

Total Concentration: 66.6

Unnamed Concentration: 59.587

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:12	1.29e+05	1.06e+05	1.21 y	2.35e+05	6.31	
35:28	4.88e+05	3.89e+05	1.25 y	8.78e+05	23.5	
36:04	1.79e+04	1.59e+04	1.12 y	3.38e+04	0.906	
36:23	5.80e+05	4.72e+05	1.23 y	1.05e+06	28.2	
37:00	1.37e+04	1.00e+04	1.37 y	2.37e+04	0.636	
37:09	4.64e+04	3.72e+04	1.25 y	8.37e+04	2.18	1,2,3,4,7,8-HxCDF
37:21	4.44e+04	3.40e+04	1.31 y	7.84e+04	1.94	1,2,3,6,7,8-HxCDF
38:18	5.83e+04	4.82e+04	1.21 y	1.07e+05	2.90	2,3,4,6,7,8-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 23

File: 15AUG10M

S: 18 I: 1 F: 4

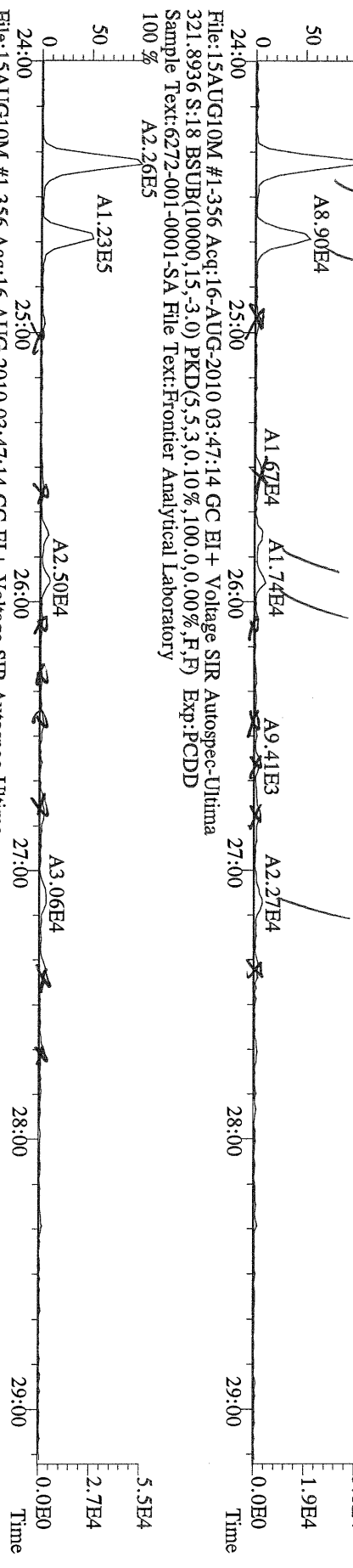
Acquired: 16-AUG-10 03:47:14

Total Concentration: 239

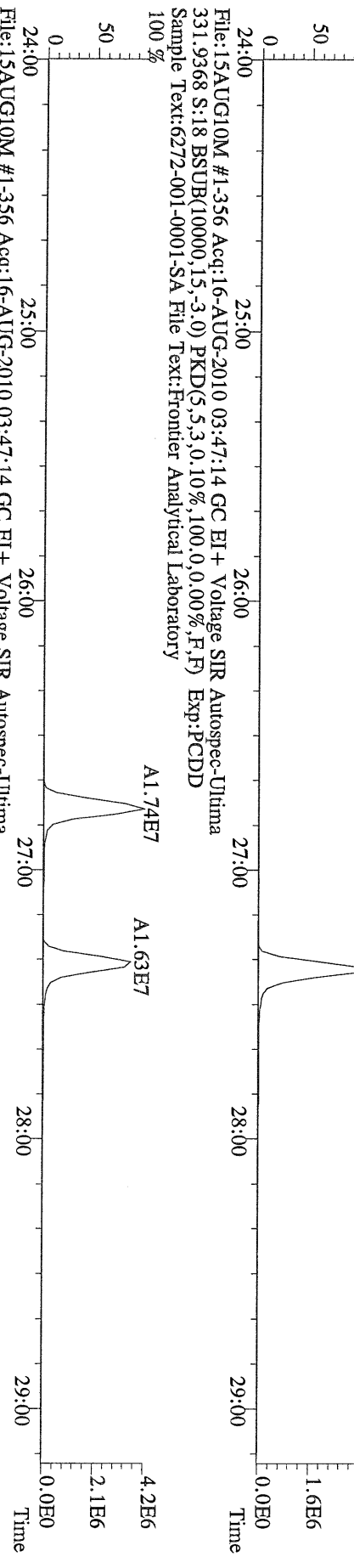
Unnamed Concentration: 160.911

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:14	1.19e+06	1.14e+06	1.04 y	2.33e+06	75.3	1,2,3,4,6,7,8-HpCDF
42:46	2.72e+04	2.69e+04	1.01 y	5.41e+04	1.77	
43:04	2.46e+06	2.39e+06	1.03 y	4.85e+06	159	
45:03	4.00e+04	3.65e+04	1.09 y	7.65e+04	2.52	1,2,3,4,7,8,9-HpCDF

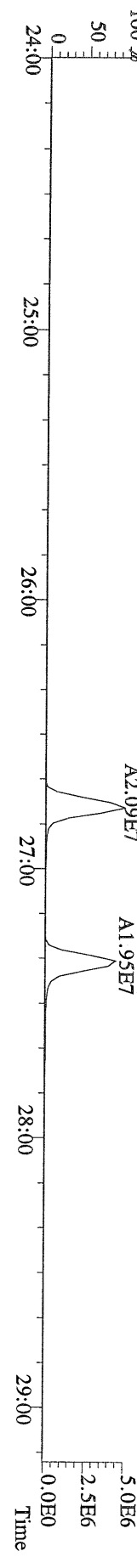
File:15AUG10M #1-356 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:18 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory
100%



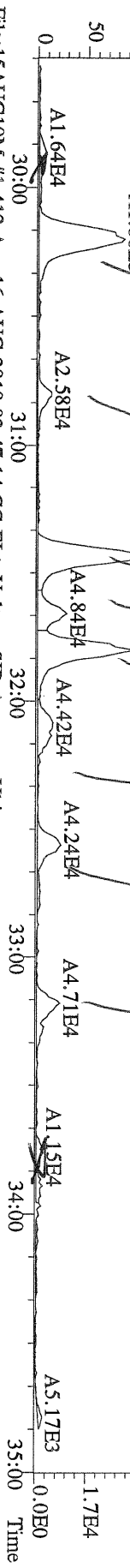
File:15AUG10M #1-356 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:18 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory
100%



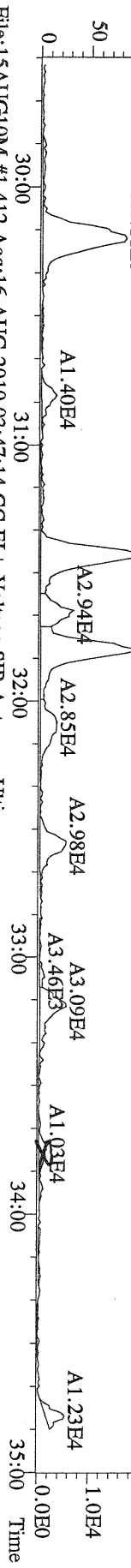
File:15AUG10M #1-356 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:18 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory
100%



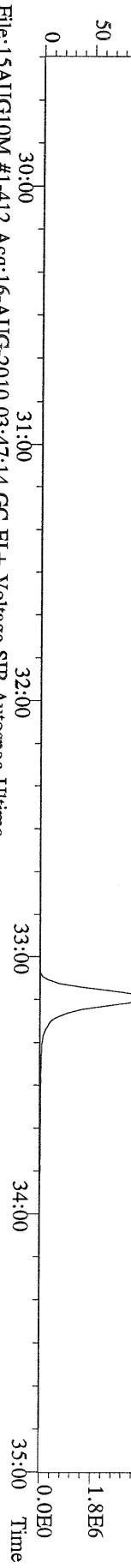
File:15AUG10M #1-412 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 355.8546 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



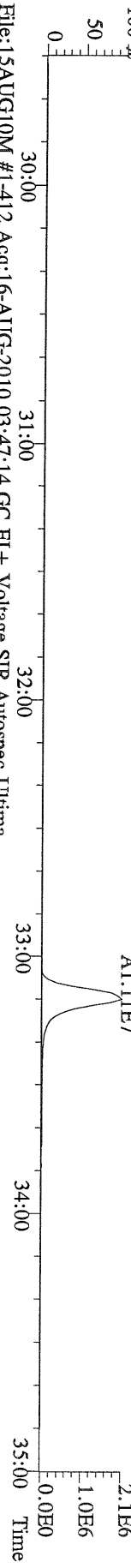
File:15AUG10M #1-412 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 357.8517 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



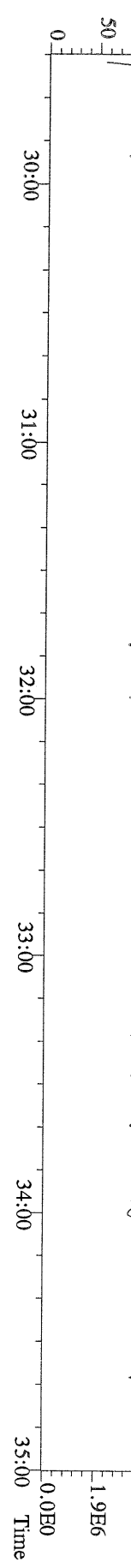
File:15AUG10M #1-412 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 369.8919 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



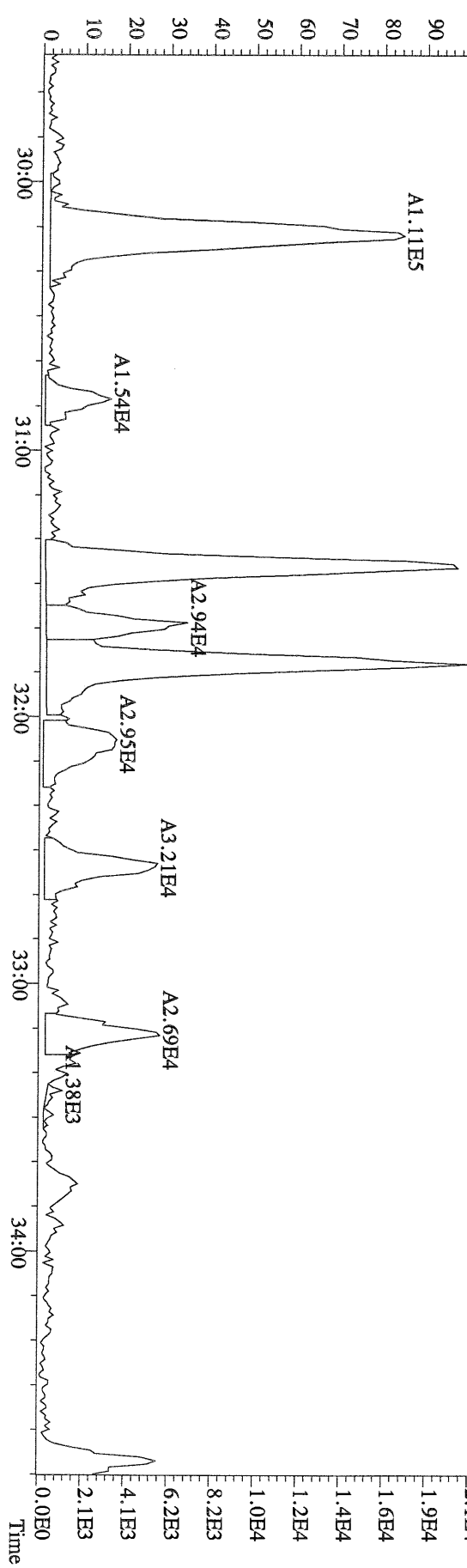
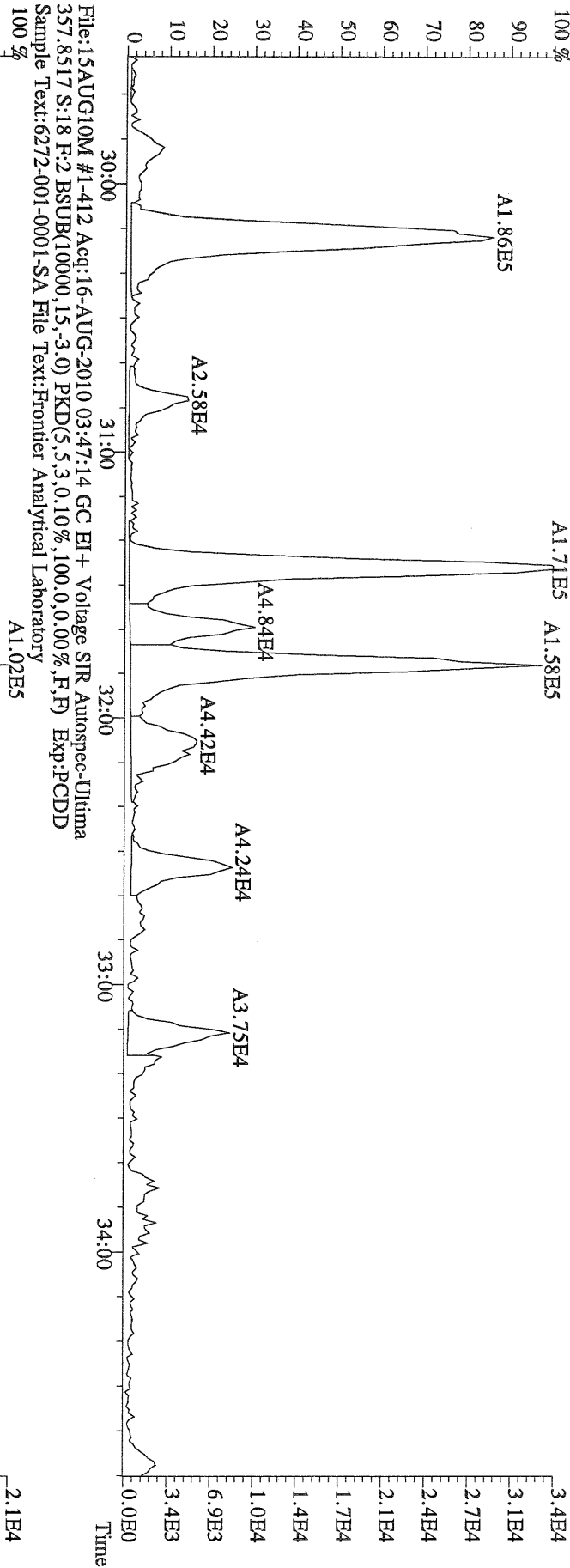
File:15AUG10M #1-412 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 366.9792 S:18 F:2 Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



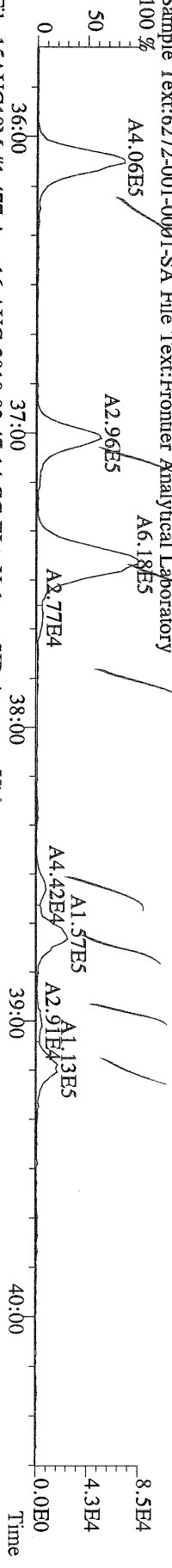
File:15AUG10M #1-412 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 366.9792 S:18 F:2 Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



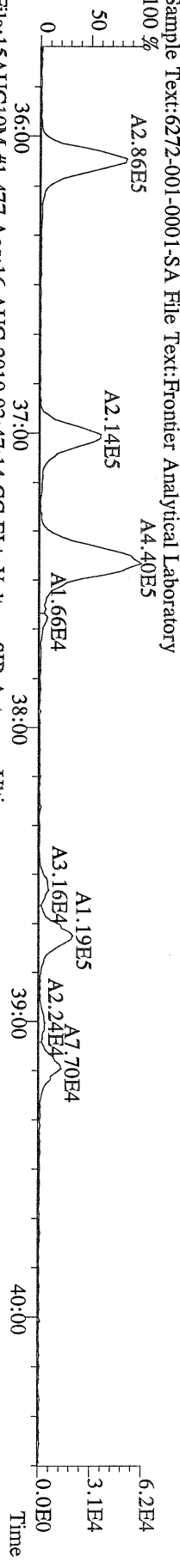
File:15AUG10M #1-412 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 355.8546 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



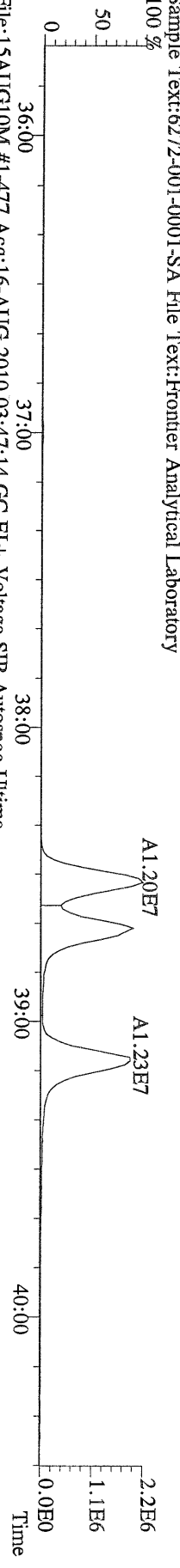
File:15AUG10M #1-477 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 389.8156 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



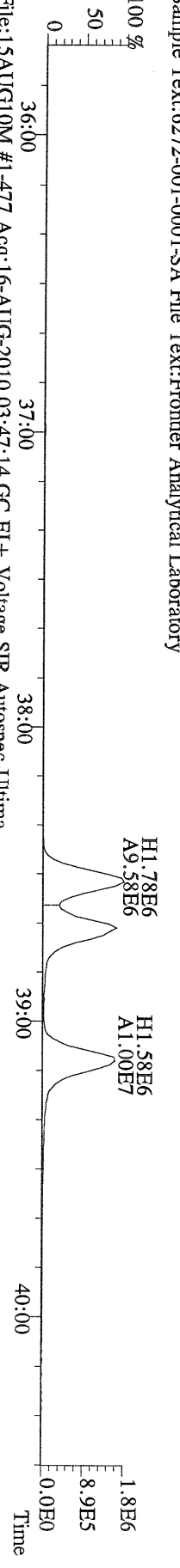
File:15AUG10M #1-477 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 391.8127 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



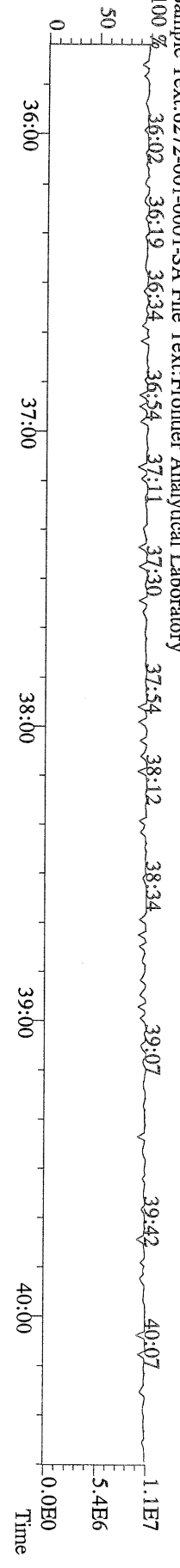
File:15AUG10M #1-477 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 401.8559 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



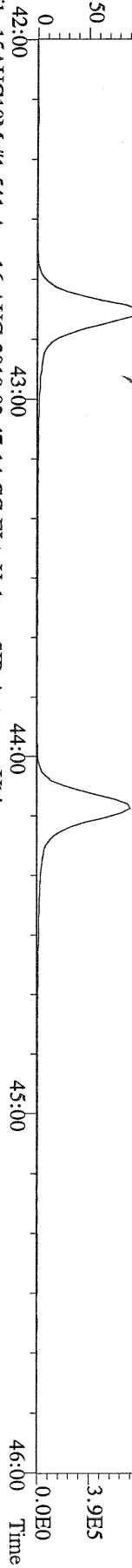
File:15AUG10M #1-477 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 403.8530 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



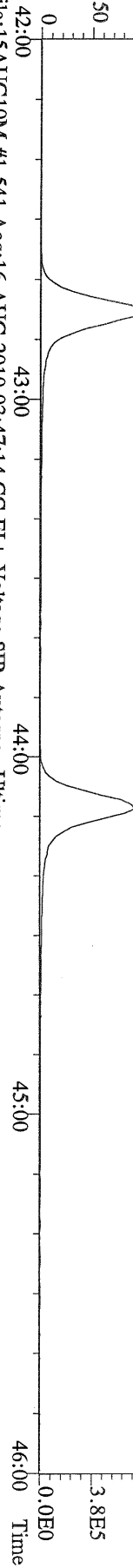
File:15AUG10M #1-477 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 380.9760 S:18 F:3 Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



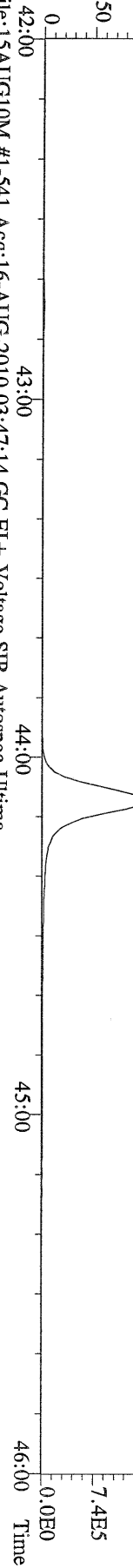
File:15AUG10M #1-541 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory
100 %
A4.70E6



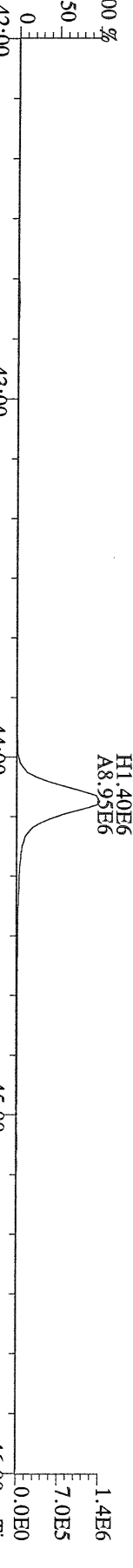
File:15AUG10M #1-541 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory
100 %
A4.64E6



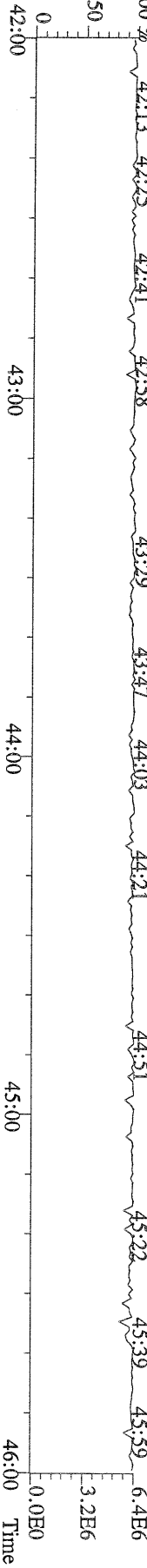
File:15AUG10M #1-541 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory
100 %
A9.16E6



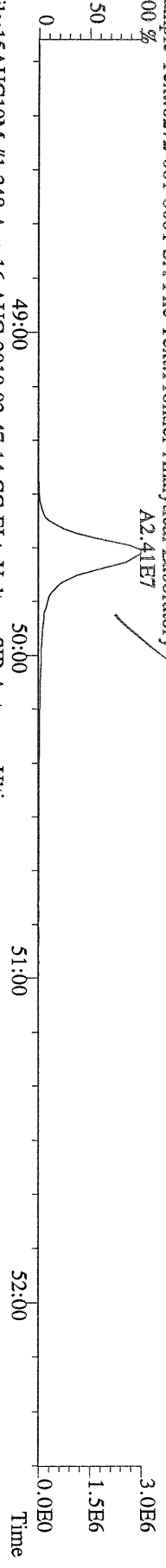
File:15AUG10M #1-541 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



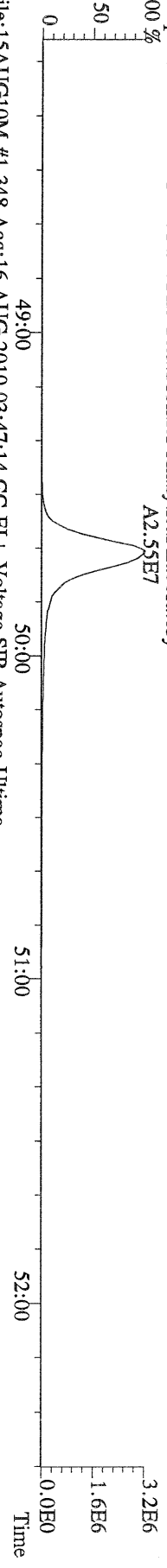
File:15AUG10M #1-541 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:18 F:4 Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory
100 %
42:13 42:25 42:41 42:58 43:29 43:47 44:03 44:21 44:51 45:22 45:39 45:59 6.4E6



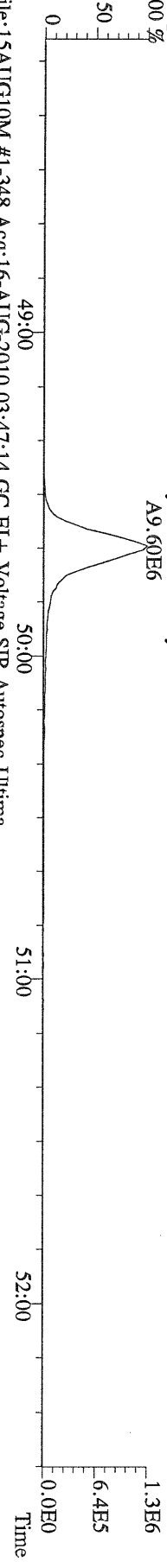
File:15AUG10M #1-348 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



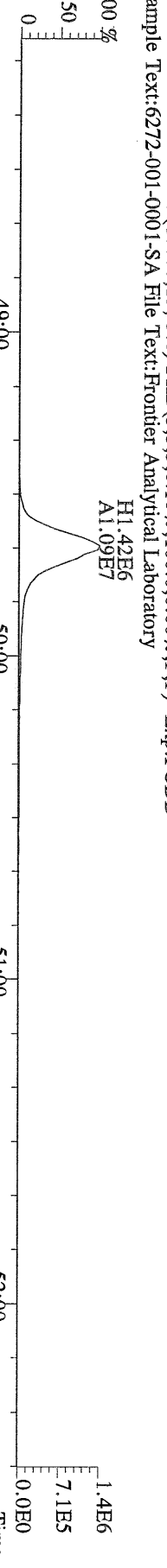
File:15AUG10M #1-348 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



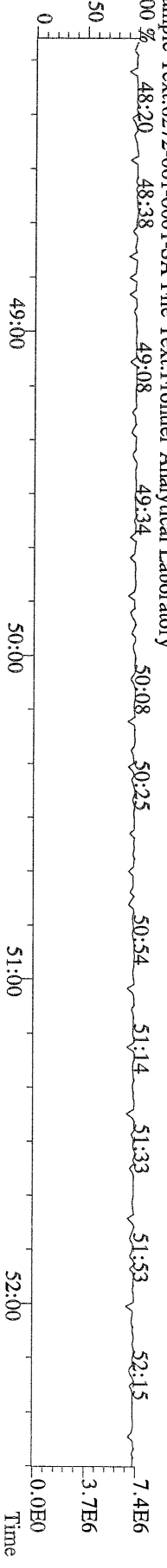
File:15AUG10M #1-348 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



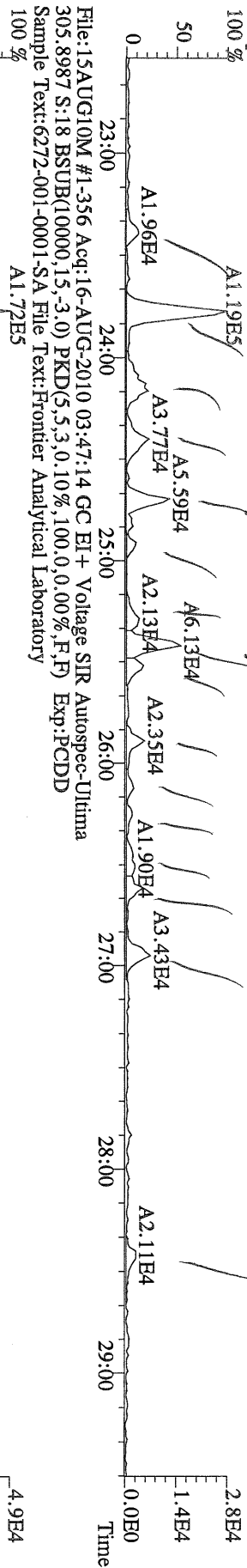
File:15AUG10M #1-348 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



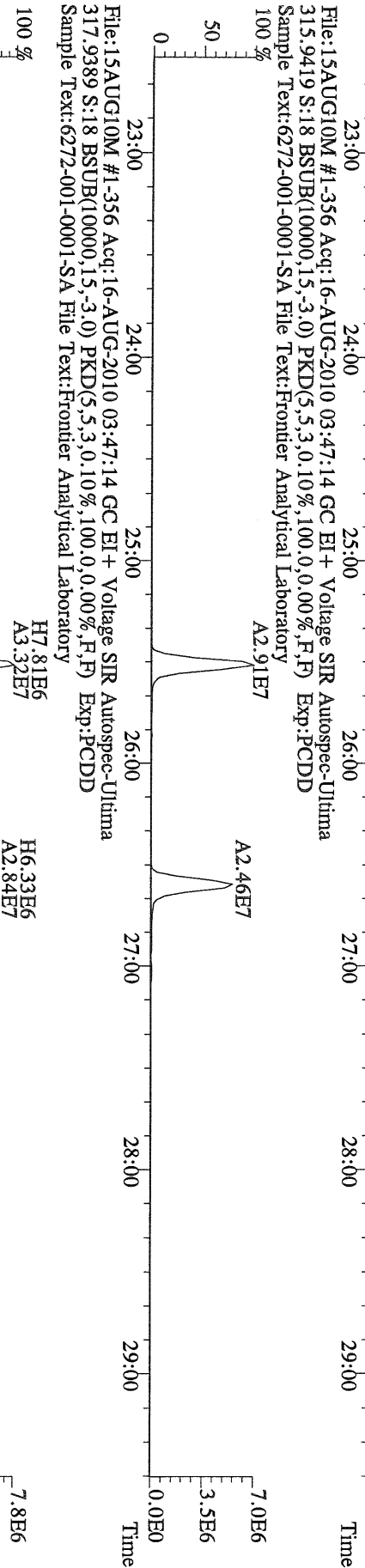
File:15AUG10M #1-348 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:18 F:5 Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



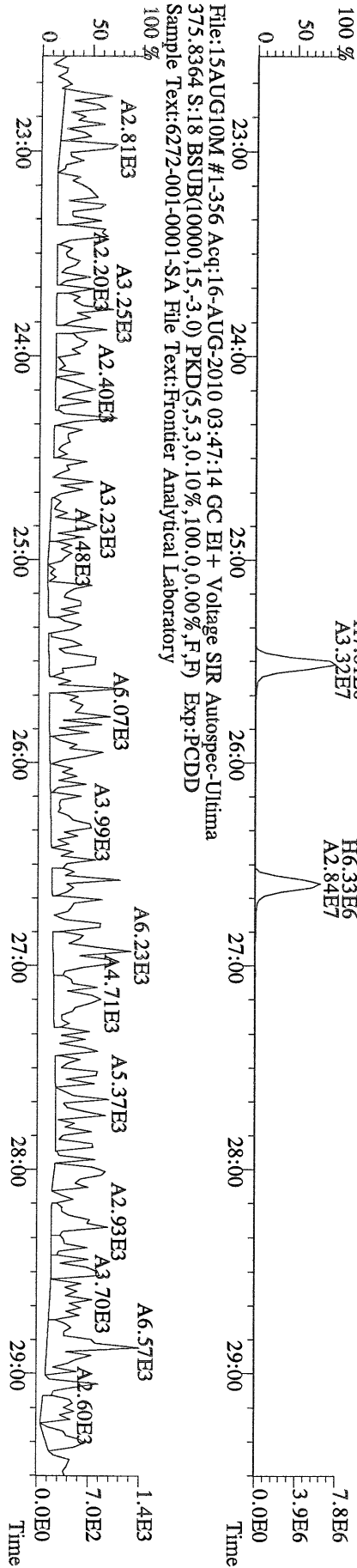
File:15AUG10M #1-356 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:18 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



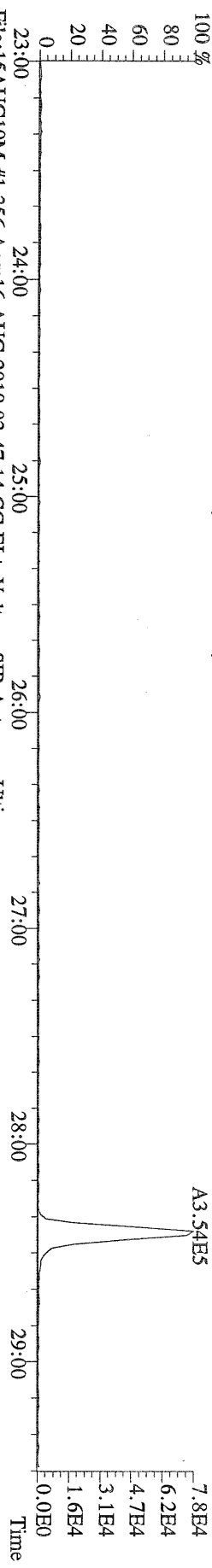
File:15AUG10M #1-356 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 S:18 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



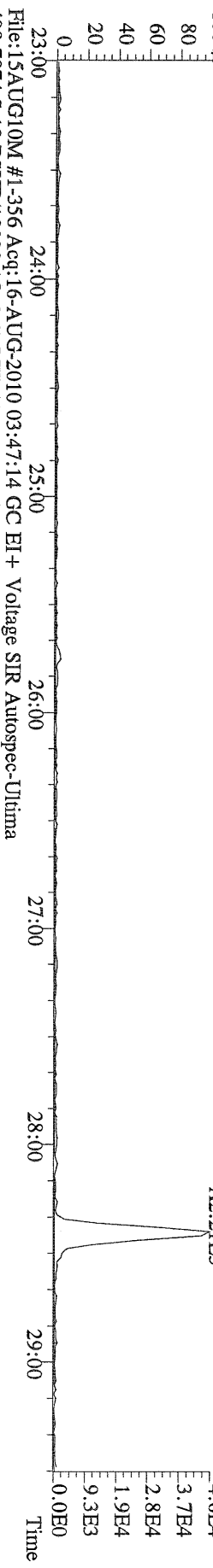
File:15AUG10M #1-356 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 S:18 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



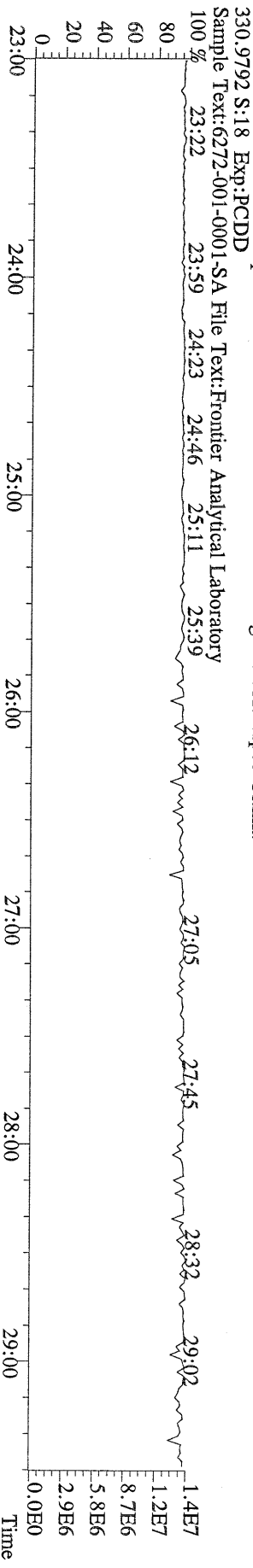
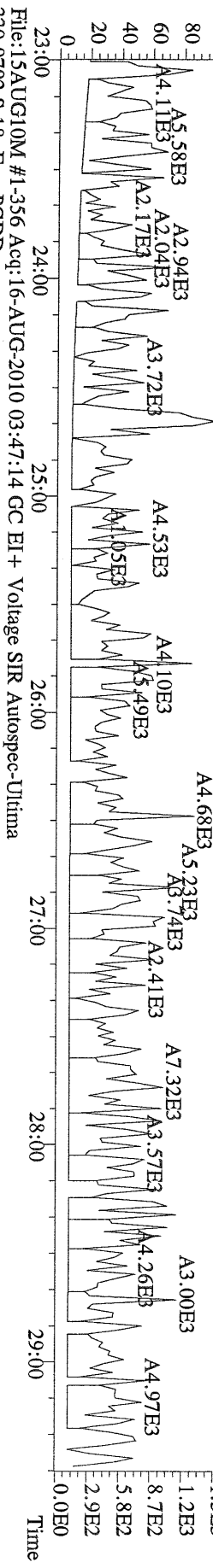
File:15AUG10M #1-356 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Utima
 339.8597 S:18 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



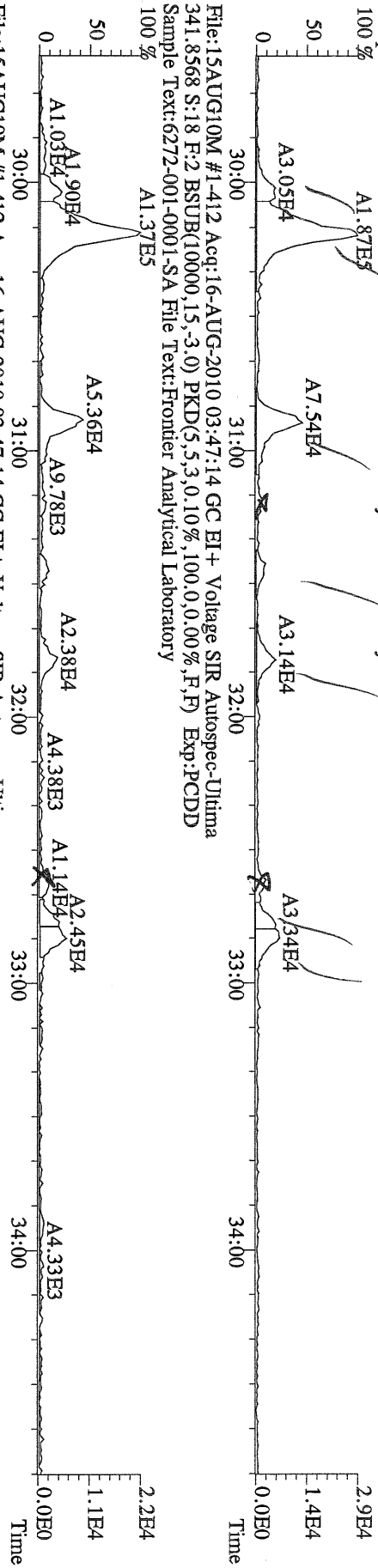
File:15AUG10M #1-356 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Utima
 341.8568 S:18 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



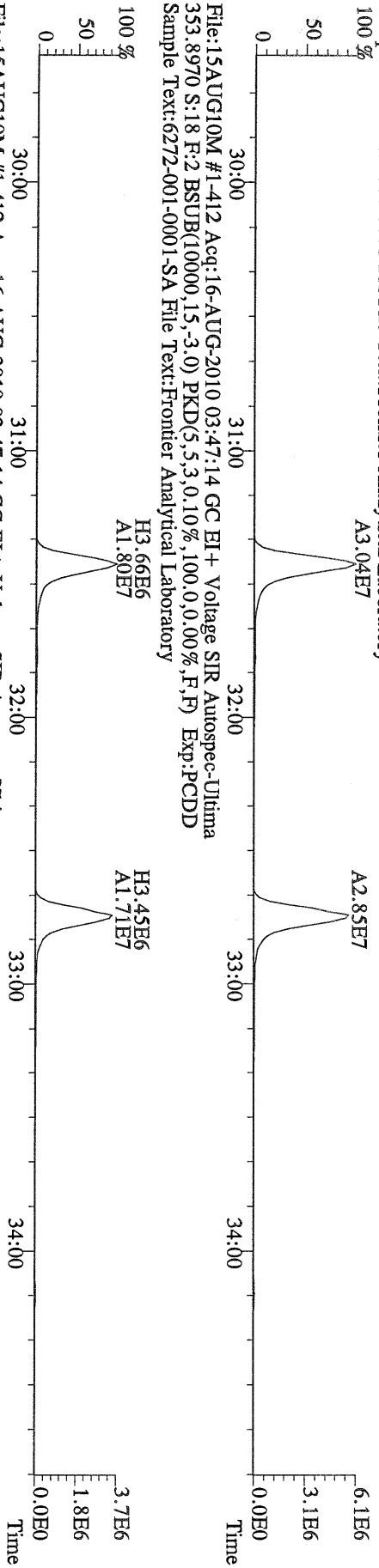
File:15AUG10M #1-356 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Utima
 409.7974 S:18 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



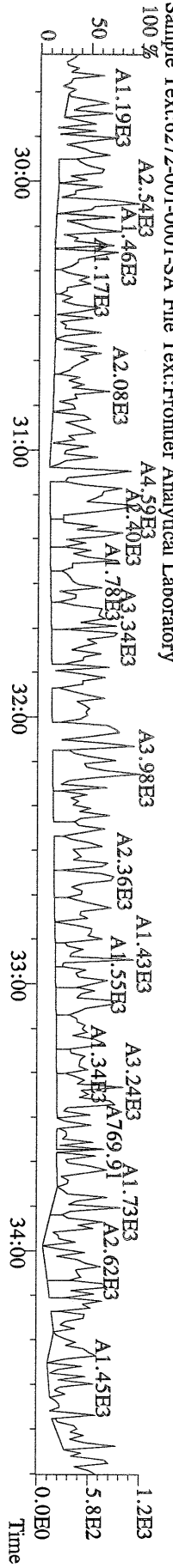
File:15AUG10M #1-412 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



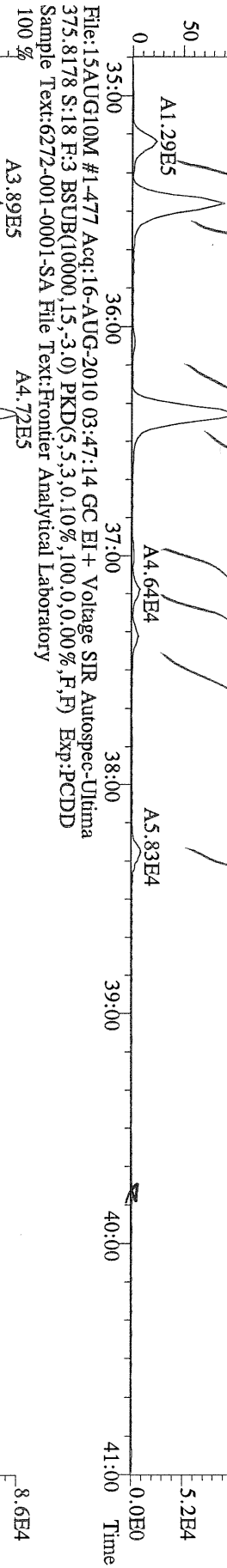
File:15AUG10M #1-412 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



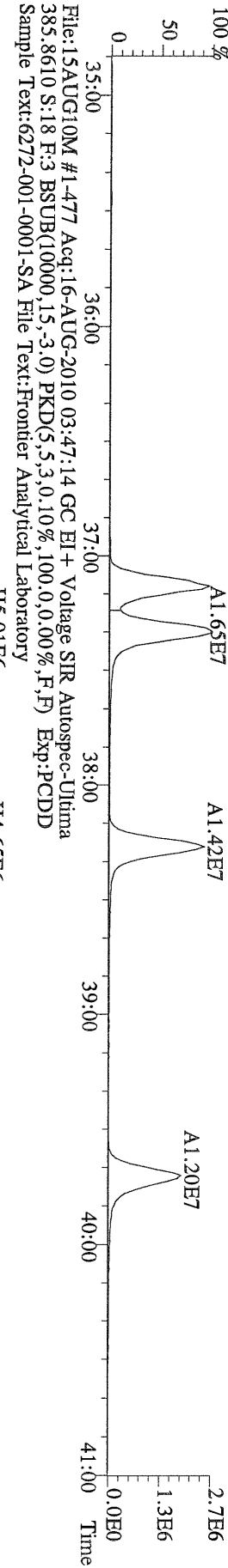
File:15AUG10M #1-412 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:18 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



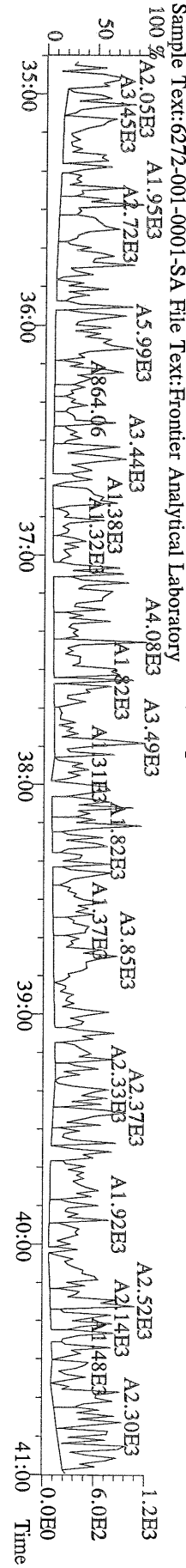
File:15AUG10M #1-477 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



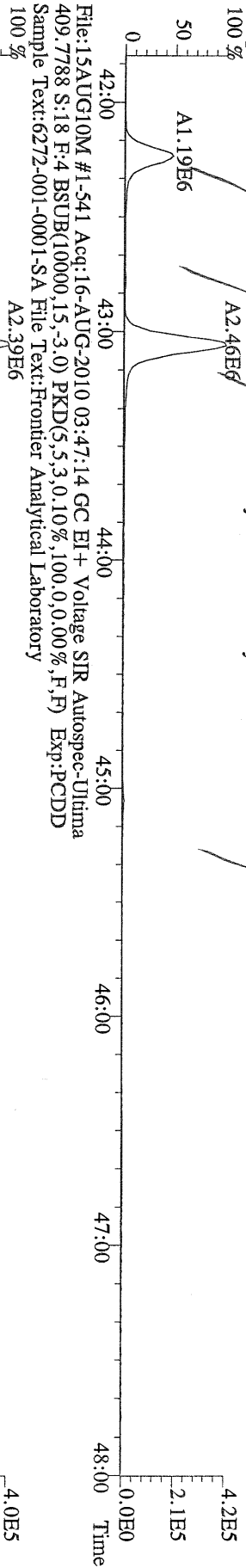
File:15AUG10M #1-477 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



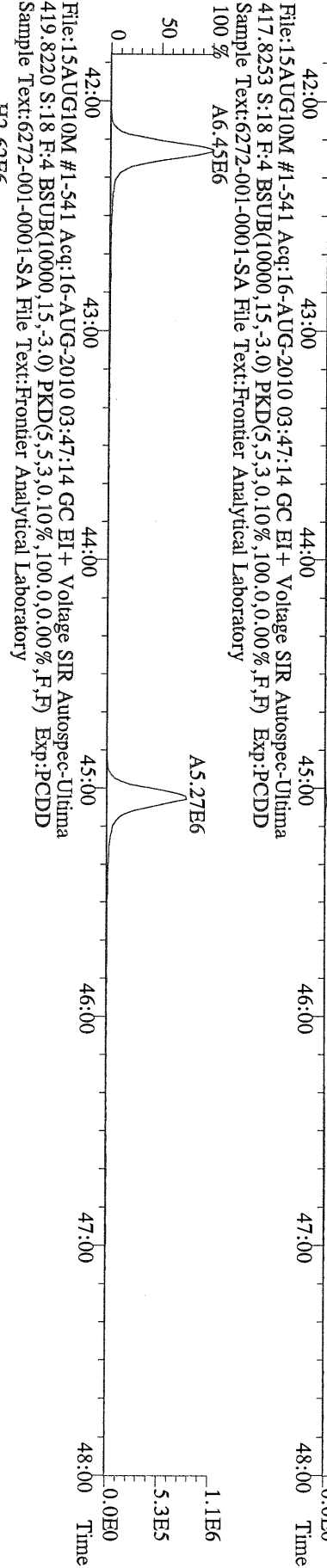
File:15AUG10M #1-477 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:18 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



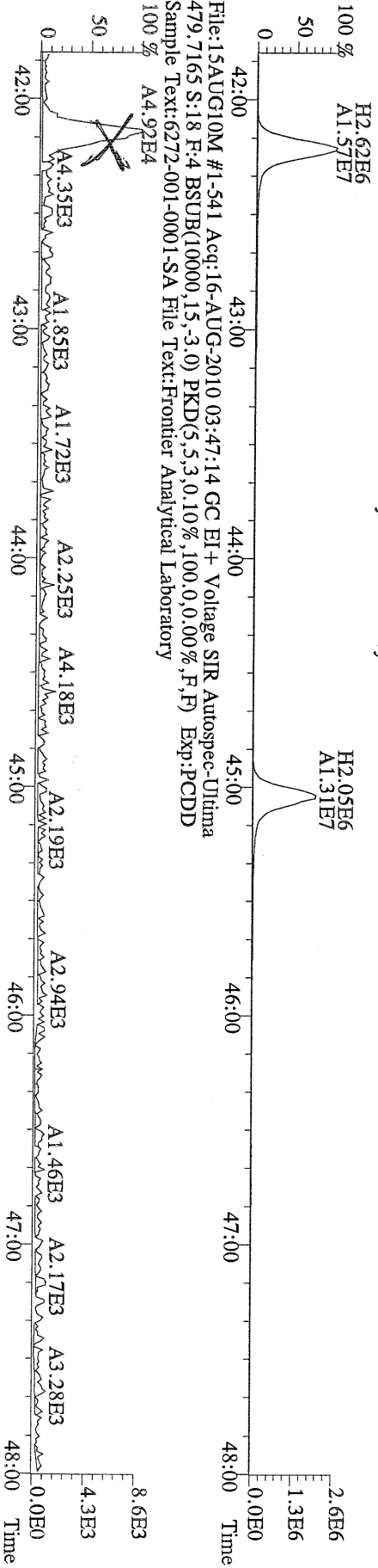
File:15AUG10M #1-541 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 407.7818 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory
 100 %



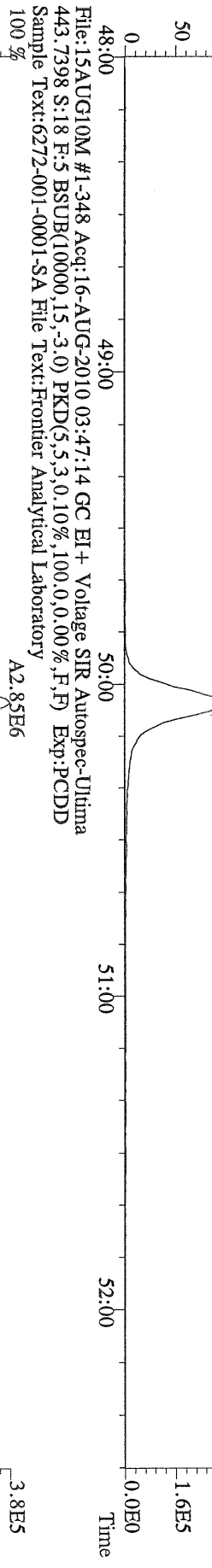
File:15AUG10M #1-541 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 417.8253 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory
 100 %



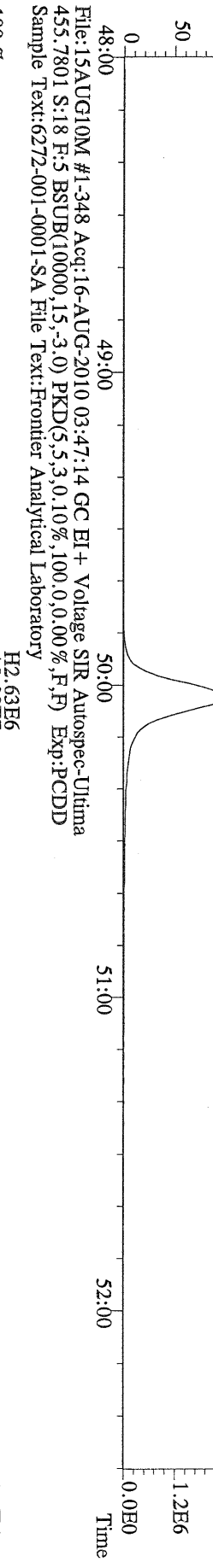
File:15AUG10M #1-541 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 419.8220 S:18 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory
 100 %



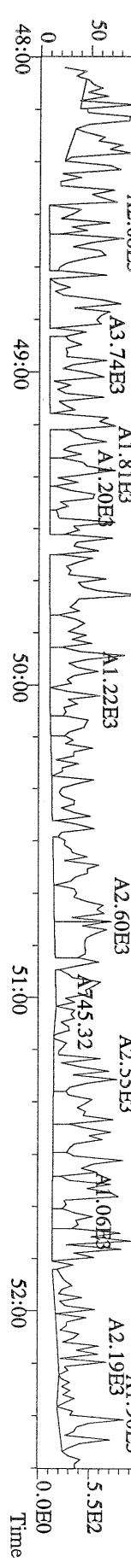
File:15AUG10M #1-348 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 441.7428 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



File:15AUG10M #1-348 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 453.7831 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



File:15AUG10M #1-348 Acq:16-AUG-2010 03:47:14 GC EI+ Voltage SIR Autospec-Ultima
 513.6775 S:18 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-001-0001-SA File Text:Frontier Analytical Laboratory



Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 24

File: 15AUG10M

S: 19 I: 1 F: 1

Acquired: 16-AUG-10 04:42:37

Total Concentration: 2.89

Unnamed Concentration: 2.890

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:23	3.10e+04	3.86e+04	0.80 y	6.97e+04	1.79	
24:40	1.70e+04	2.57e+04	0.66 y	4.27e+04	1.10	

Totals class: Total Penta-Dioxins

Entry #: 39

Run: 24

File: 15AUG10M

S: 19 I: 1 F: 2

Acquired: 16-AUG-10 04:42:37

Total Concentration: 13.1

Unnamed Concentration: 11.592

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:13	7.36e+04	4.37e+04	1.69 y	1.17e+05	3.59	
30:49	2.48e+04	1.65e+04	1.50 y	4.13e+04	1.27	
31:27	3.28e+04	1.90e+04	1.73 y	5.18e+04	1.59	
31:40	4.05e+04	2.81e+04	1.44 y	6.86e+04	2.10	
31:48	2.78e+04	1.78e+04	1.56 y	4.55e+04	1.40	
32:05	3.35e+04	2.02e+04	1.66 y	5.38e+04	1.65	
33:10	2.91e+04	2.09e+04	1.39 y	5.00e+04	1.53	1,2,3,7,8-PeCDD

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 24

File: 15AUG10M

S: 19 I: 1 F: 3

Acquired: 16-AUG-10 04:42:37

Total Concentration: 72.6

Unnamed Concentration: 56.618

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:05	3.16e+05	2.22e+05	1.42 y	5.38e+05	20.3	
37:01	6.75e+04	5.30e+04	1.27 y	1.20e+05	4.55	
37:26	4.64e+05	3.30e+05	1.41 y	7.94e+05	30.0	
38:33	3.85e+04	2.72e+04	1.41 y	6.58e+04	2.39	1,2,3,4,7,8-HxCDD
38:43	1.21e+05	8.85e+04	1.36 y	2.09e+05	8.02	1,2,3,6,7,8-HxCDD
39:02	2.54e+04	2.25e+04	1.13 y	4.79e+04	1.81	
39:09	8.13e+04	6.32e+04	1.29 y	1.44e+05	5.56	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 24

File: 15AUG10M

S: 19 I: 1 F: 4

Acquired: 16-AUG-10 04:42:37

Total Concentration: 504

Unnamed Concentration: 258.585

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:45	3.09e+06	3.02e+06	1.02 y	6.11e+06	259	
44:08	2.92e+06	2.88e+06	1.01 y	5.80e+06	246	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 24

File: 15AUG10M

S: 19 I: 1 F: 1

Acquired: 16-AUG-10 04:42:37

Total Concentration: 15.4

Unnamed Concentration: 14.816

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:24	2.24e+04	2.95e+04	0.76 y	5.19e+04	0.579	
23:48	1.27e+05	1.80e+05	0.70 y	3.07e+05	3.43	
24:10	4.44e+04	6.17e+04	0.72 y	1.06e+05	1.18	
24:25	3.77e+04	5.03e+04	0.75 y	8.80e+04	0.982	
24:43	5.11e+04	7.63e+04	0.67 y	1.27e+05	1.42	
25:18	2.26e+04	3.01e+04	0.75 y	5.28e+04	0.588	
25:25	6.25e+04	8.69e+04	0.72 y	1.49e+05	1.67	
25:33	2.00e+04	3.05e+04	0.65 y	5.05e+04	0.563	
25:54	2.21e+04	2.84e+04	0.78 y	5.05e+04	0.563	
26:07	1.33e+04	1.64e+04	0.81 y	2.97e+04	0.331	
26:15	1.13e+04	1.31e+04	0.86 y	2.45e+04	0.273	
26:27	1.89e+04	2.76e+04	0.68 y	4.65e+04	0.519	
26:38	2.22e+04	2.94e+04	0.76 y	5.16e+04	0.575	2,3,7,8-TCDF
26:57	3.37e+04	4.59e+04	0.73 y	7.96e+04	0.888	
27:50	1.87e+04	2.74e+04	0.68 y	4.61e+04	0.514	
28:03	2.27e+04	2.85e+04	0.80 y	5.12e+04	0.571	
28:24	1.68e+04	2.13e+04	0.79 y	3.80e+04	0.424	
28:51	1.23e+04	1.67e+04	0.74 y	2.89e+04	0.323	

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

Run: 24 File: 15AUG10M S: 19 I: 1 F: 1
Acquired: 16-AUG-10 04:42:37

Total Concentration: 13.5 Unnamed Concentration: 13.526

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:24	3.61e+05	2.21e+05	1.63 y	5.82e+05	13.5	

Totals class: Total Penta-Furans

Entry #: 44

Run: 24

File: 15AUG10M

S: 19 I: 1 F: 2

Acquired: 16-AUG-10 04:42:37

Total Concentration: 14.5

Unnamed Concentration: 13.234

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:03	2.89e+04	1.71e+04	1.69 y	4.59e+04	1.07	
30:11	1.80e+05	1.31e+05	1.37 y	3.11e+05	7.23	
30:53	6.36e+04	4.73e+04	1.34 y	1.11e+05	2.58	
31:48	3.89e+04	2.50e+04	1.55 y	6.39e+04	1.49	
32:49	3.16e+04	2.26e+04	1.40 y	5.42e+04	1.28	2,3,4,7,8-PeCDF
32:50	2.21e+04	1.57e+04	1.41 y	3.78e+04	0.877	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 24

File: 15AUG10M

S: 19 I: 1 F: 3

Acquired: 16-AUG-10 04:42:37

Total Concentration: 59.8

Unnamed Concentration: 52.658

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:12	1.11e+05	8.66e+04	1.29 y	1.98e+05	5.50	
35:28	4.30e+05	3.34e+05	1.29 y	7.64e+05	21.2	
36:23	5.19e+05	4.15e+05	1.25 y	9.34e+05	25.9	
37:09	4.19e+04	3.46e+04	1.21 y	7.65e+04	2.08	1,2,3,4,7,8-HxCDF
37:22	3.77e+04	3.20e+04	1.18 y	6.97e+04	1.77	1,2,3,6,7,8-HxCDF
38:17	4.93e+04	4.47e+04	1.10 y	9.39e+04	2.69	2,3,4,6,7,8-HxCDF
39:46	1.22e+04	9.27e+03	1.31 y	2.14e+04	0.646	1,2,3,7,8,9-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 24

File: 15AUG10M

S: 19 I: 1 F: 4

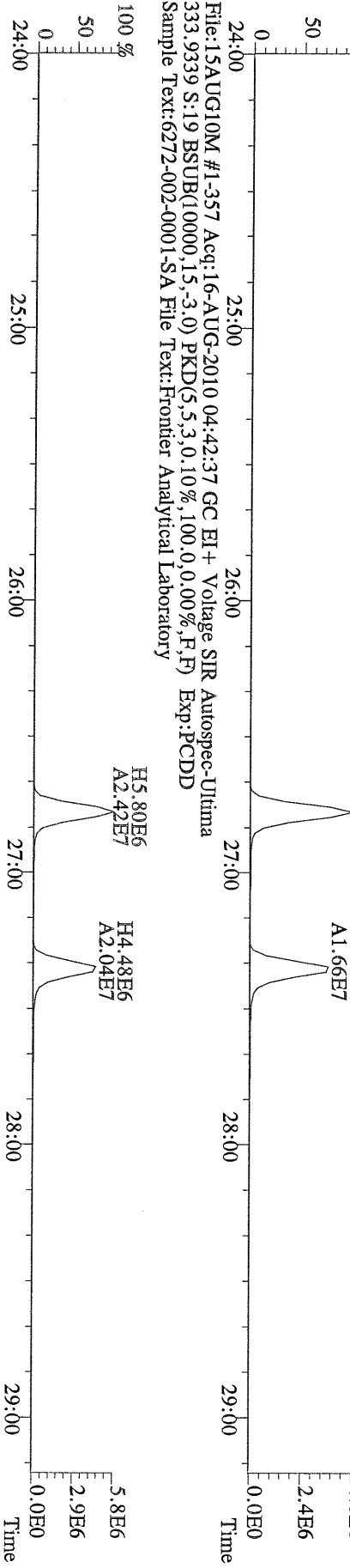
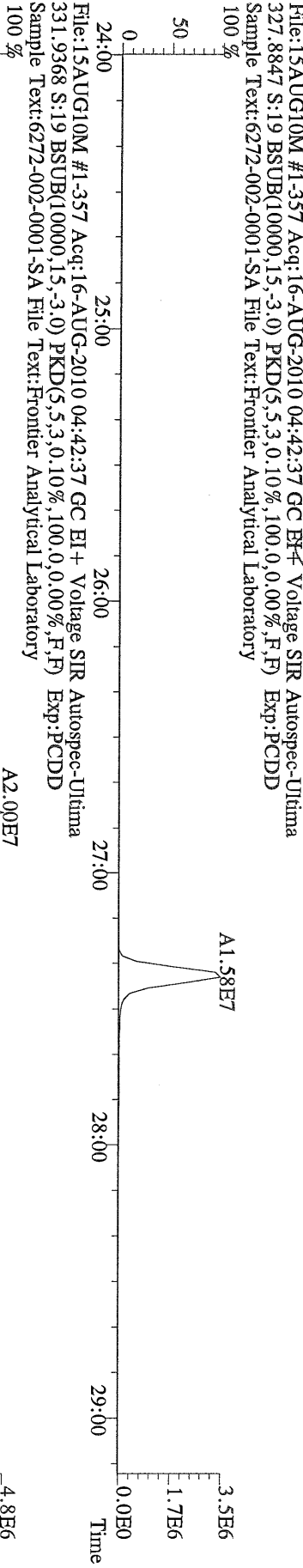
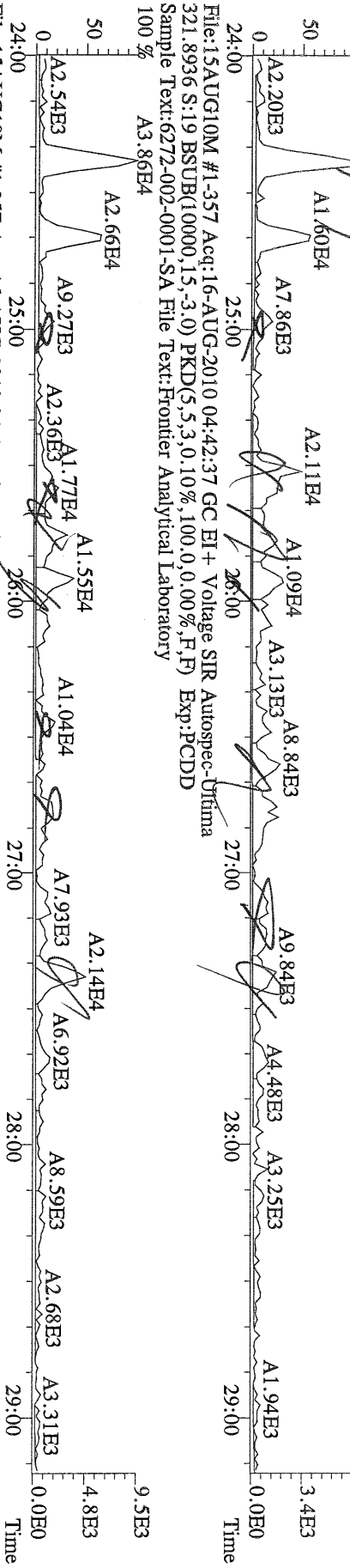
Acquired: 16-AUG-10 04:42:37

Total Concentration: 180

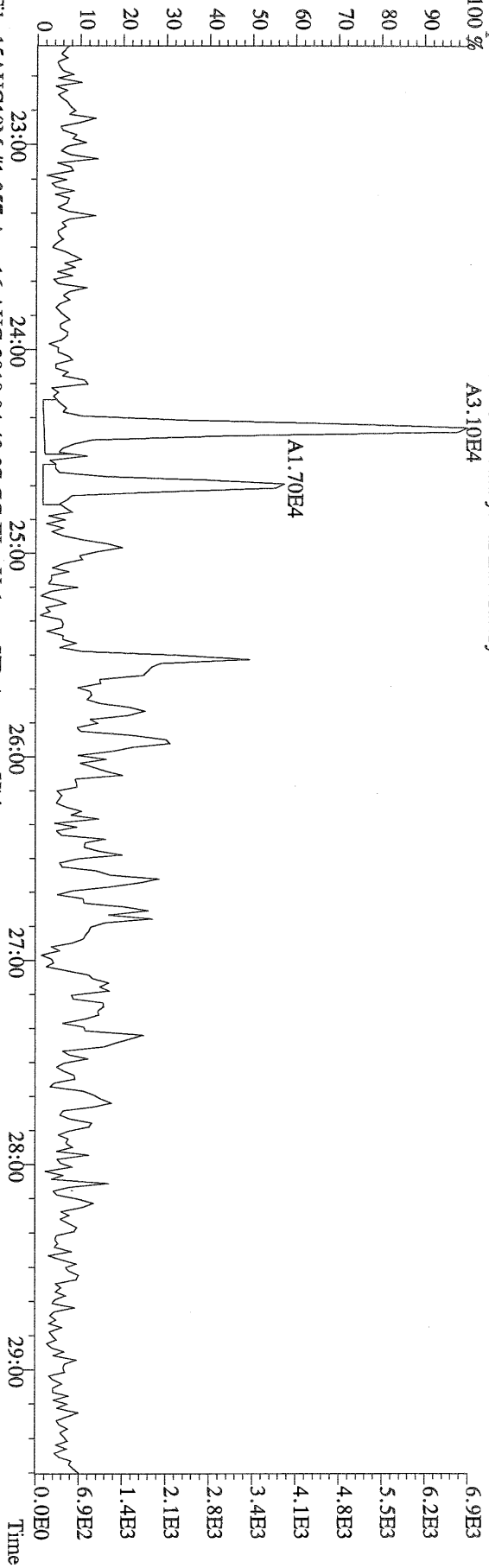
Unnamed Concentration: 119.048

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:14	8.56e+05	8.31e+05	1.03 y	1.69e+06	58.4	1,2,3,4,6,7,8-HpCDF
42:47	2.23e+04	2.15e+04	1.04 y	4.38e+04	1.54	
43:04	1.69e+06	1.66e+06	1.02 y	3.35e+06	118	
45:03	3.29e+04	3.40e+04	0.97 y	6.68e+04	2.35	1,2,3,4,7,8,9-HpCDF

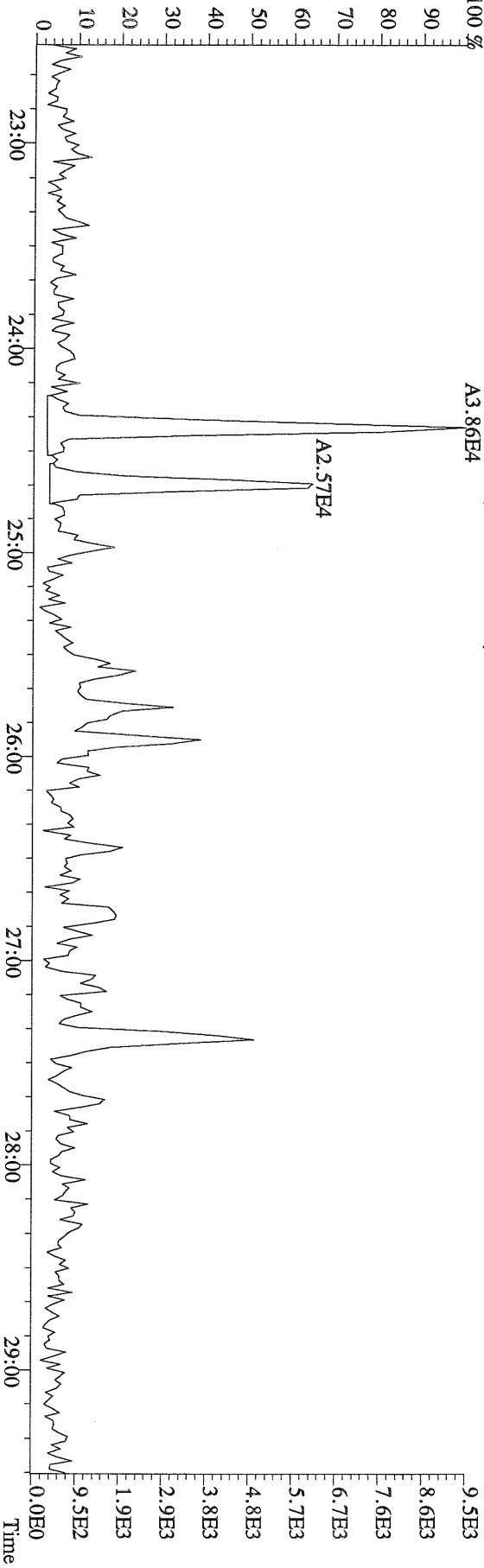
File:15AUG10M #1-357 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
 319.8965 S:19 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp.:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory
 100%



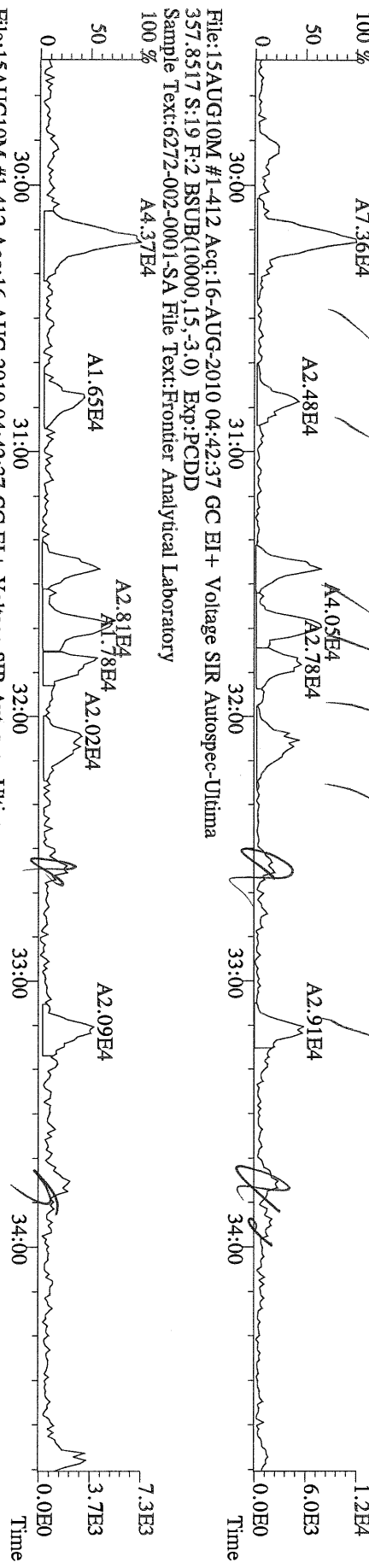
File:15AUG10M #1-357 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:19 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



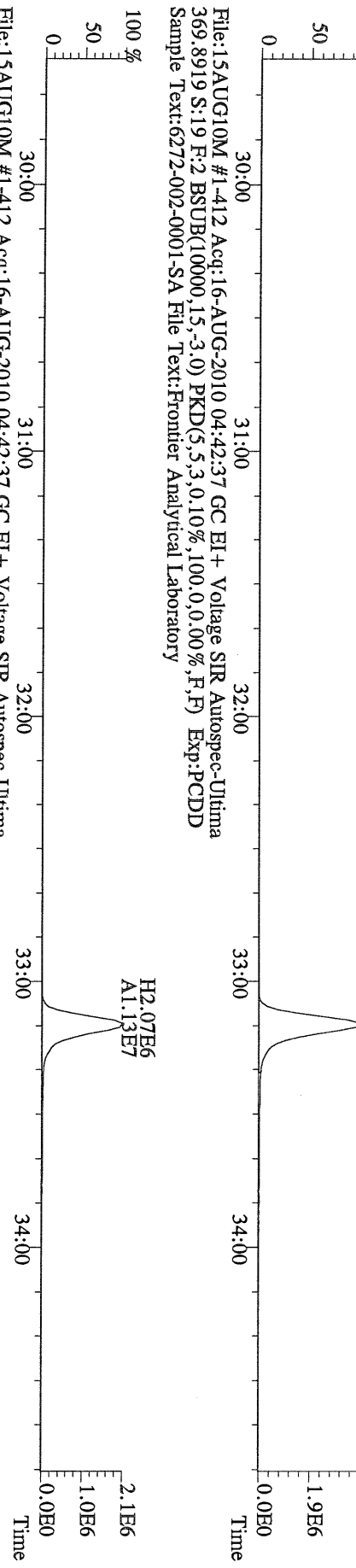
File:15AUG10M #1-357 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:19 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



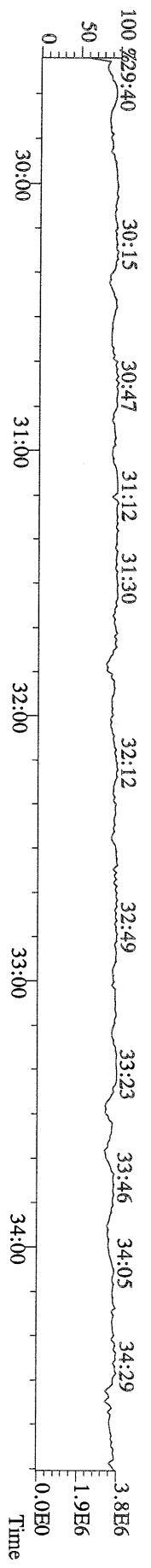
File:15AUG10M #1-412 Acq:16-AUG-2010 04:42:37 GC EI + Voltage SIR Autospec-Utima
355.8546 S:19 F:2 BSUB(10000,15,-3.0) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



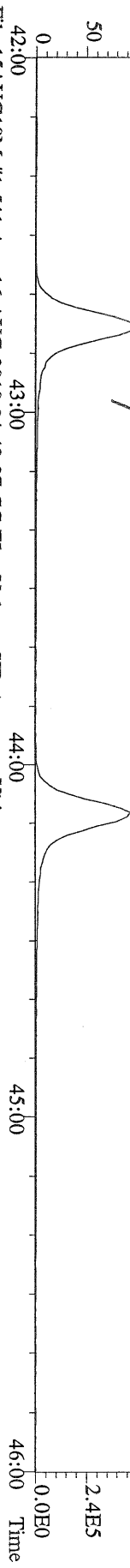
File:15AUG10M #1-412 Acq:16-AUG-2010 04:42:37 GC EI + Voltage SIR Autospec-Utima
367.8949 S:19 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



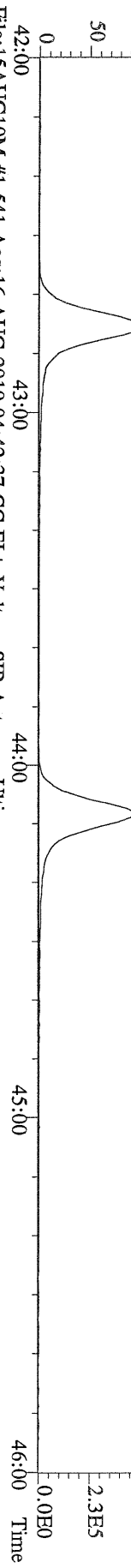
File:15AUG10M #1-412 Acq:16-AUG-2010 04:42:37 GC EI + Voltage SIR Autospec-Utima
366.9792 S:19 F:2 Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



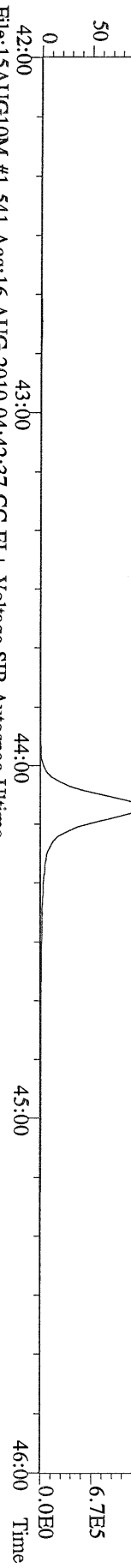
File:15AUG10M #1-541 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



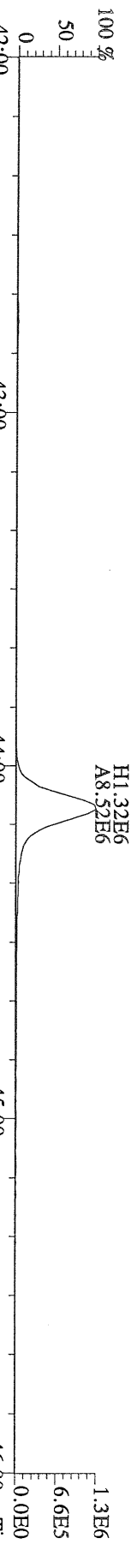
File:15AUG10M #1-541 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



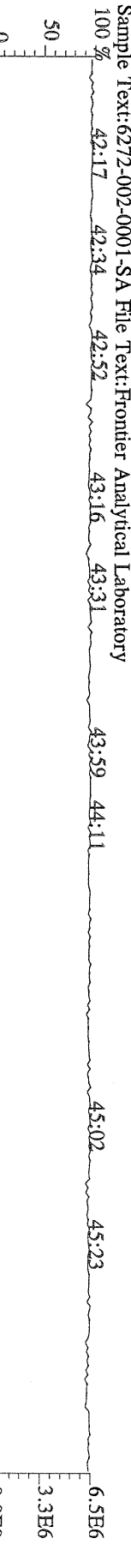
File:15AUG10M #1-541 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



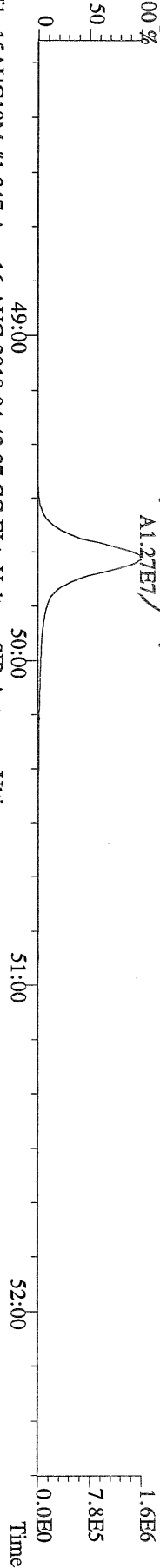
File:15AUG10M #1-541 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



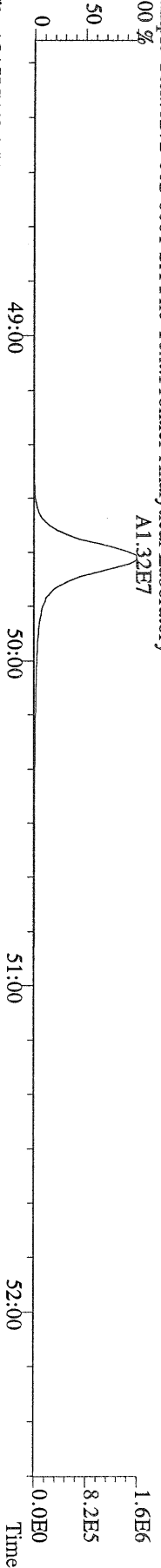
File:15AUG10M #1-541 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:19 F:4 Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



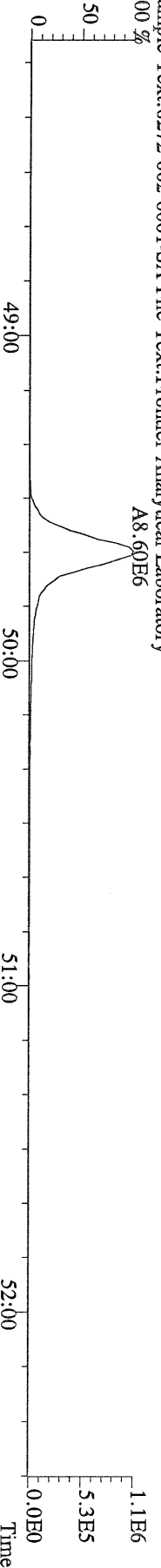
File:15AUG10M #1-347 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage/SIR Autospec-Ultima
 457.7377 S:19 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0%,F,F) Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



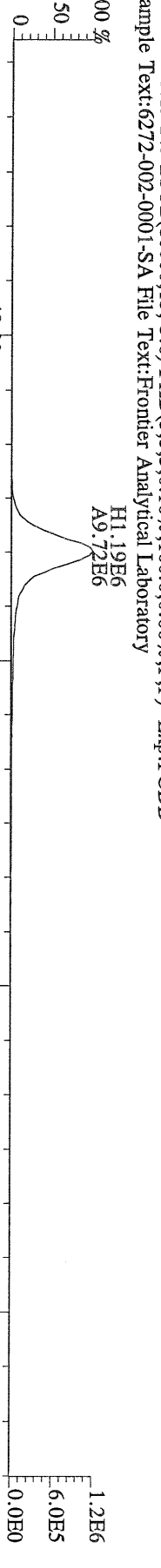
File:15AUG10M #1-347 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage/SIR Autospec-Ultima
 459.7348 S:19 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0%,F,F) Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



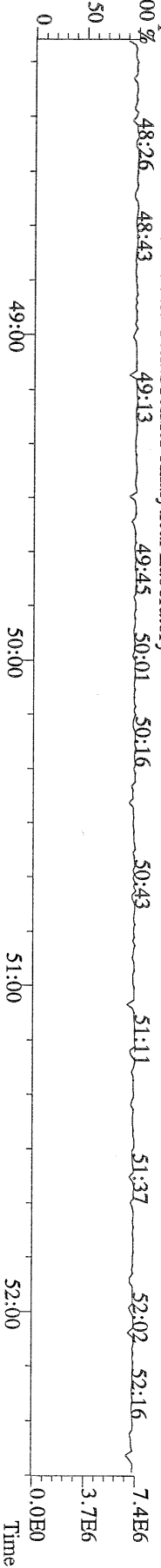
File:15AUG10M #1-347 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage/SIR Autospec-Ultima
 469.7780 S:19 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0%,F,F) Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



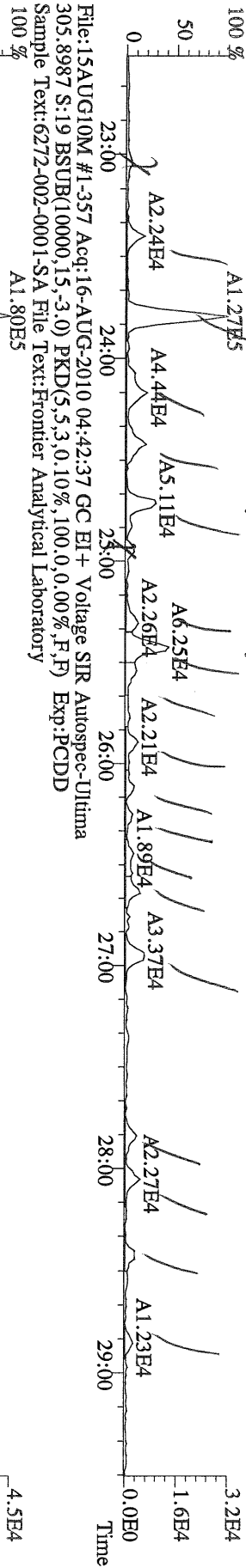
File:15AUG10M #1-347 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage/SIR Autospec-Ultima
 471.7750 S:19 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0%,F,F) Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



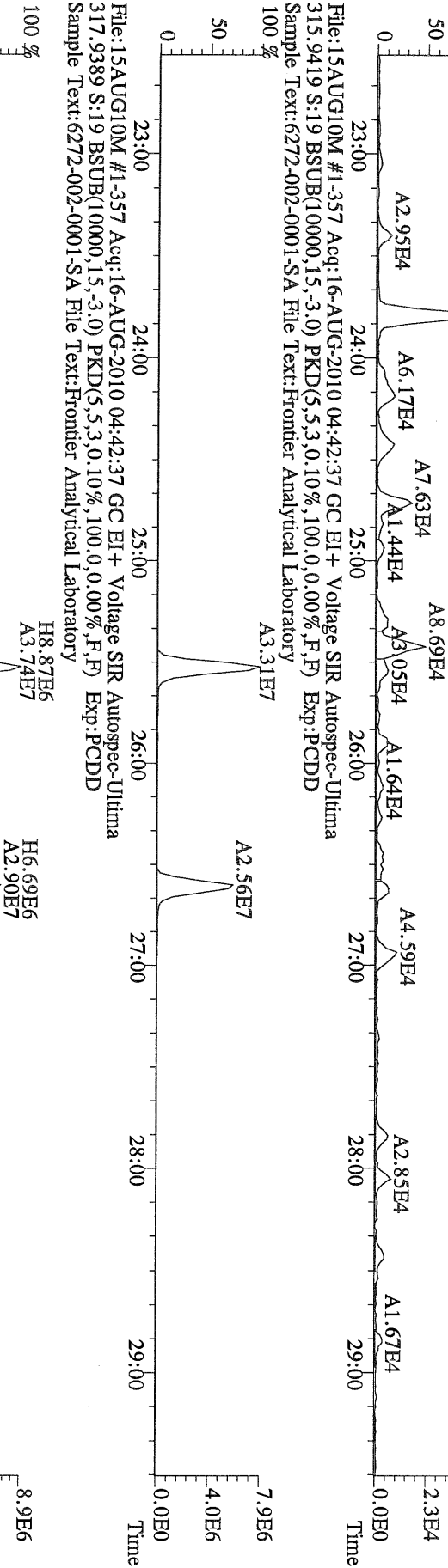
File:15AUG10M #1-347 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage/SIR Autospec-Ultima
 454.9728 S:19 F:5 Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



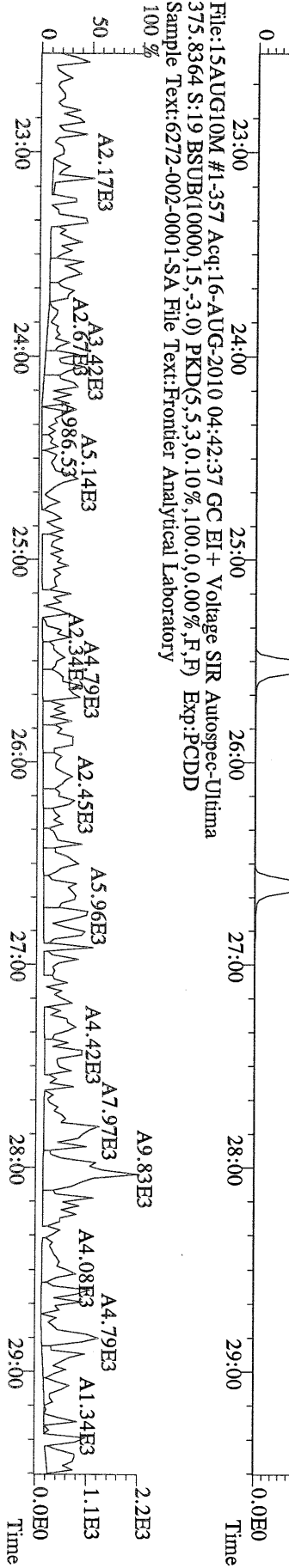
File:15AUG10M #1-357 Acq:16-AUG-2010 04:42:37 GC EI + Voltage SIR Autospec-Ultima
303.9016 S:19 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



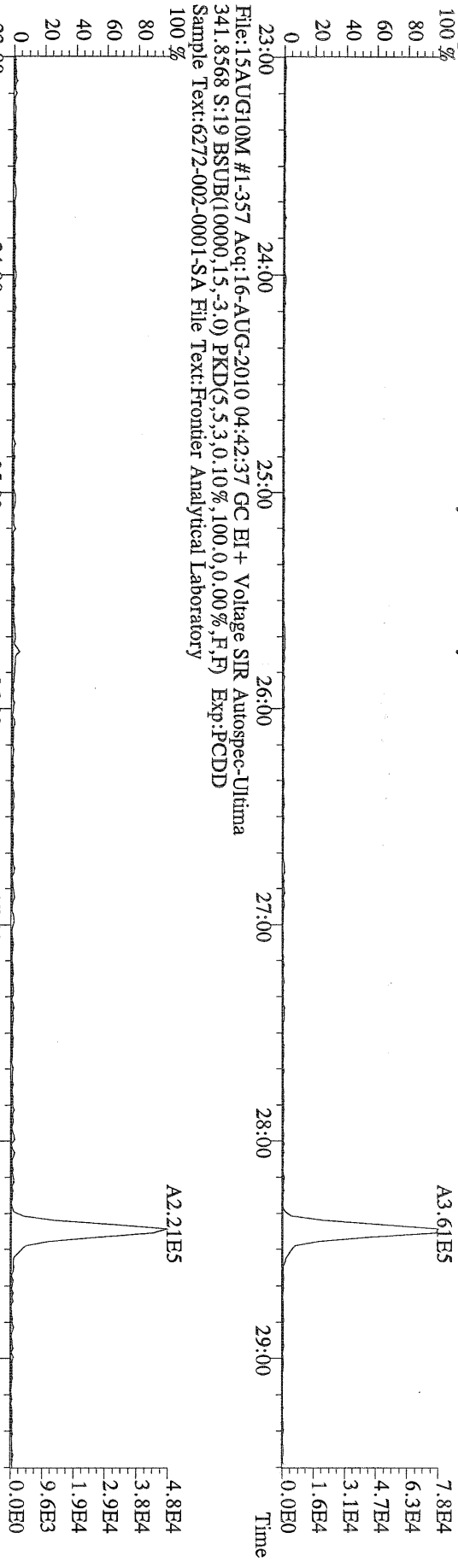
File:15AUG10M #1-357 Acq:16-AUG-2010 04:42:37 GC EI + Voltage SIR Autospec-Ultima
315.9419 S:19 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



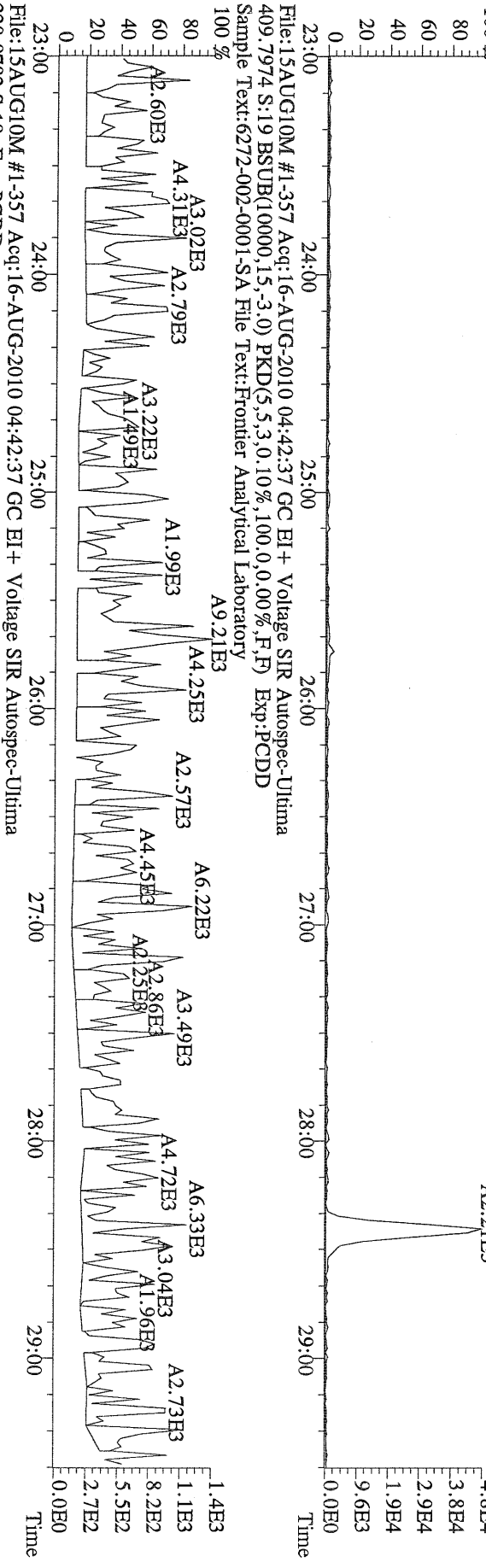
File:15AUG10M #1-357 Acq:16-AUG-2010 04:42:37 GC EI + Voltage SIR Autospec-Ultima
375.8364 S:19 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



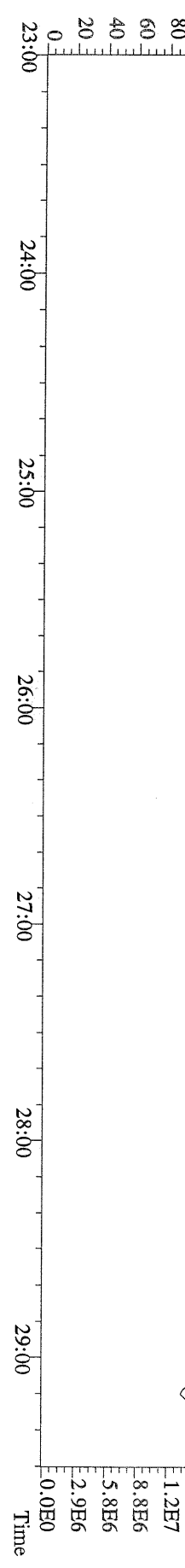
File:15AUG10M #1-357 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ulhma
 339.8597 S:19 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



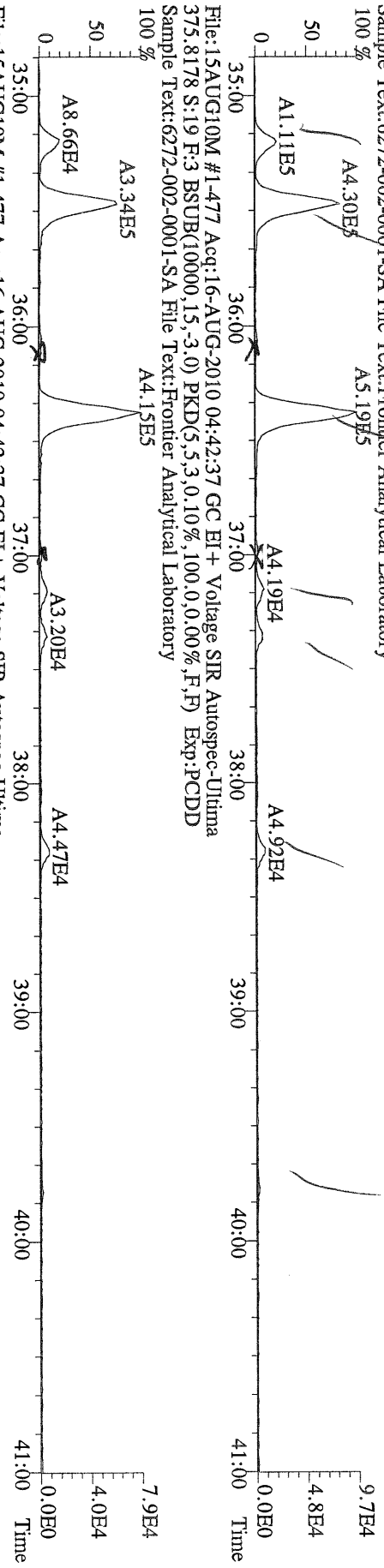
File:15AUG10M #1-357 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ulhma
 341.8568 S:19 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



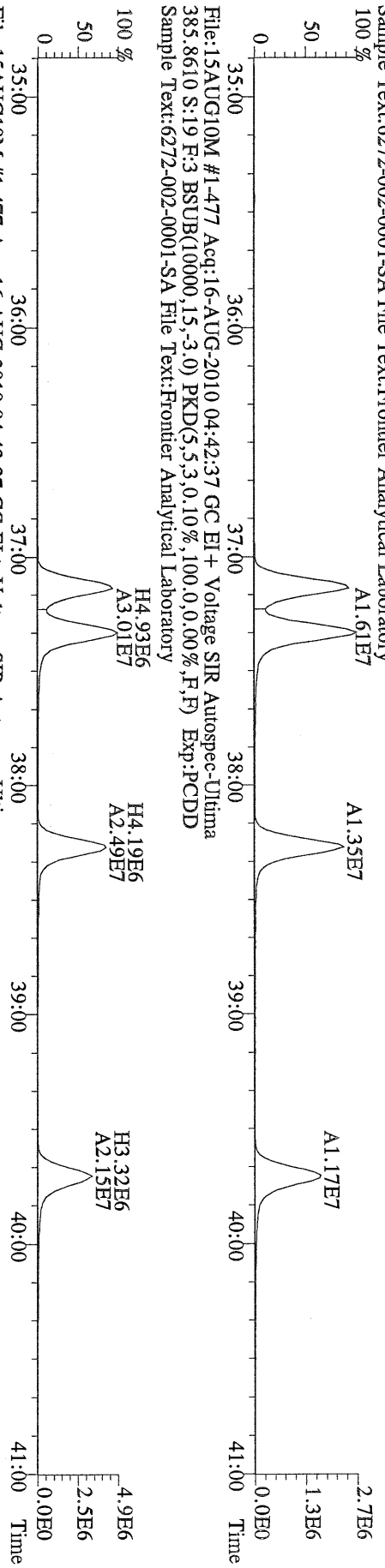
File:15AUG10M #1-357 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ulhma
 330.9792 S:19 Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



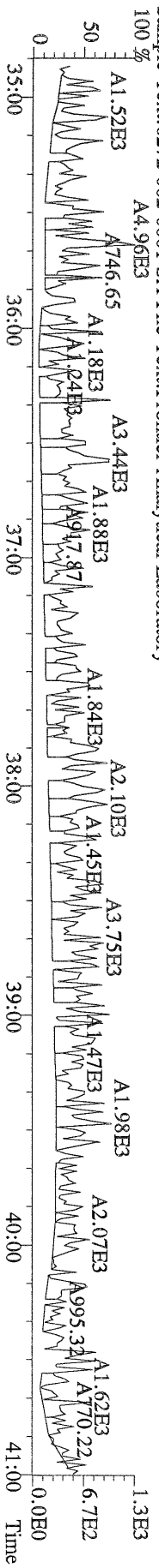
File:15AUG10M #1-477 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
 373.8207 S:19 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



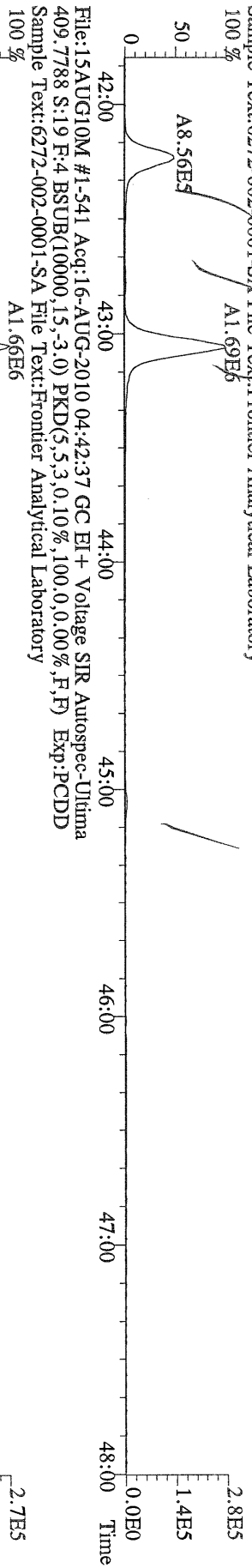
File:15AUG10M #1-477 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
 383.8639 S:19 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



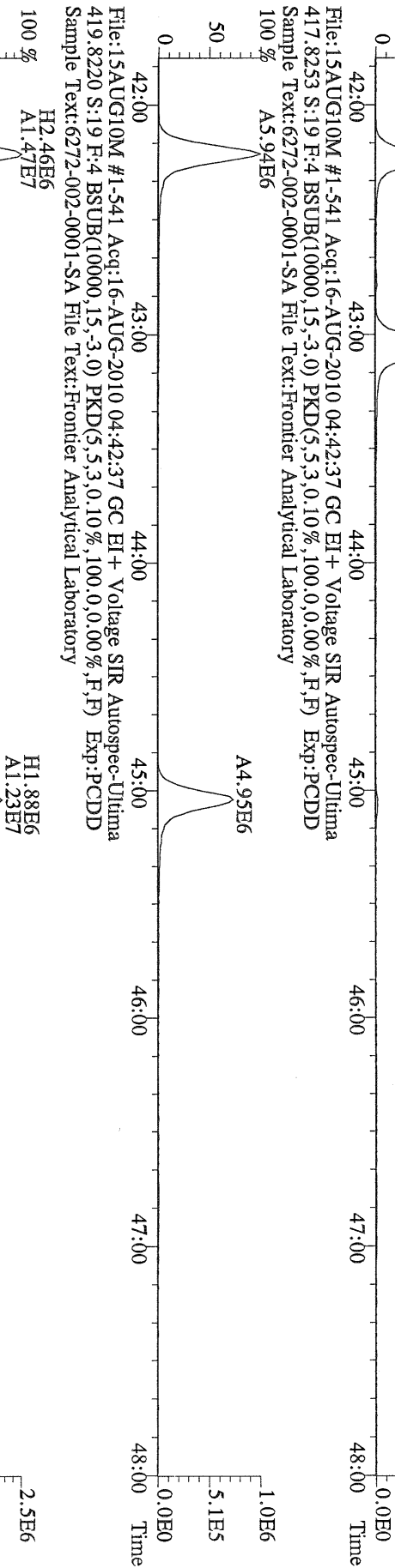
File:15AUG10M #1-477 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
 445.7555 S:19 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



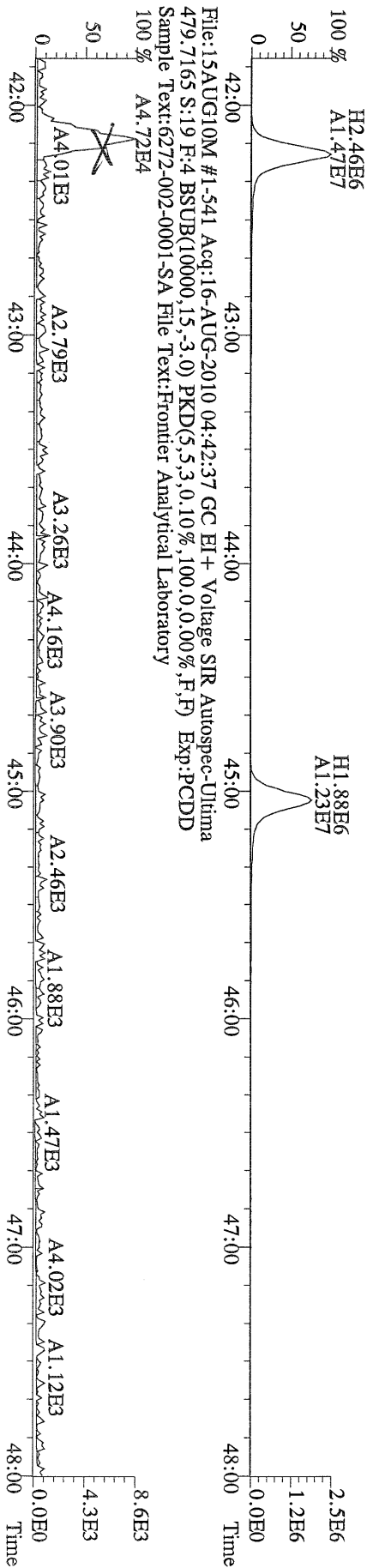
File:15AUG10M #1-541 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



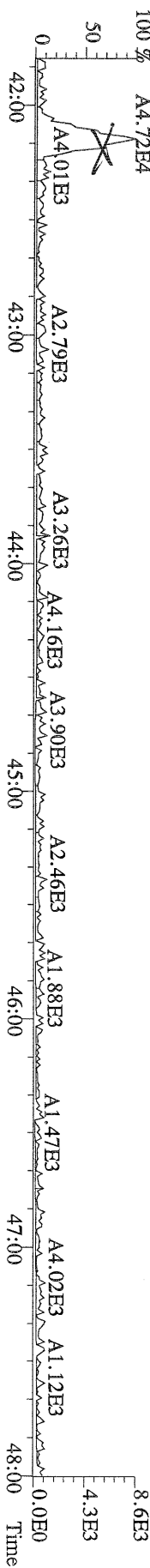
File:15AUG10M #1-541 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



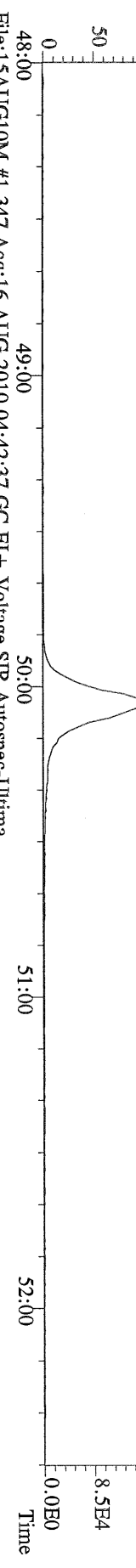
File:15AUG10M #1-541 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



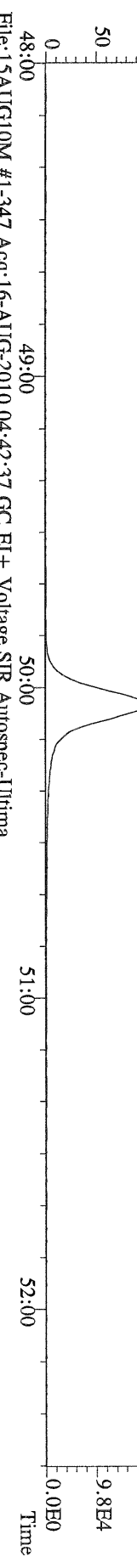
File:15AUG10M #1-541 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:19 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



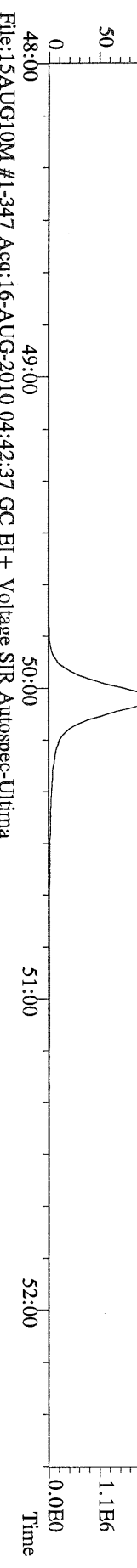
File:15AUG10M #1-347 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
 441.7428 S:19 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



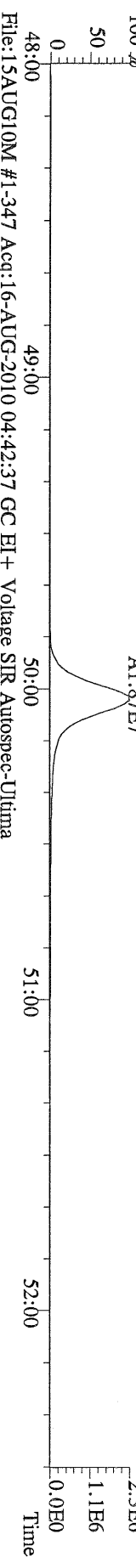
File:15AUG10M #1-347 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
 443.7398 S:19 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



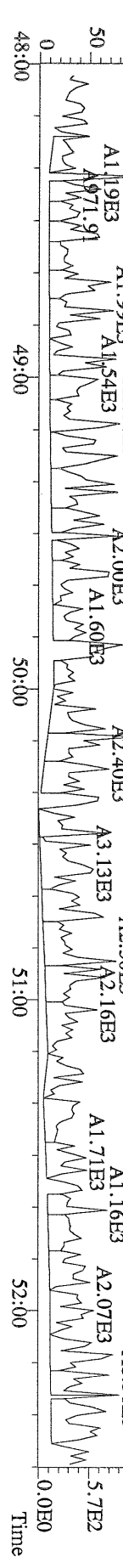
File:15AUG10M #1-347 Acq:16-AUG-2010 04:42:37 GC EI+ Voltage SIR Autospec-Ultima
 453.7831 S:19 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



File:15AUG10M #1-347 Acq:16-AUG-2010 04:42:37 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:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory



File:15AUG10M #1-347 Acq:16-AUG-2010 04:42:37 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:PCDD
 Sample Text:6272-002-0001-SA File Text:Frontier Analytical Laboratory

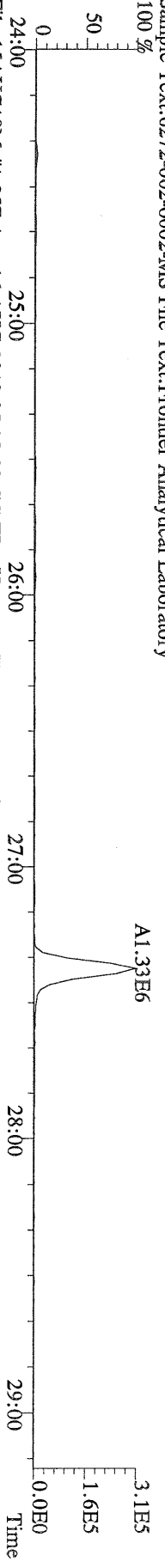


Name	Resp	RA	RT	RRF	WHO 1998 Tox: Conc	WHO 1998 Tox: Qual	WHO 2005 Tox: Fac Noise-1	WHO 2005 Tox: Noise-2	1050 DL	Rec	
2,3,7,8-TCDD	3.16e+06	0.73 y	27:22	1.04	87.9		2.50	-	-	*	
1,2,3,7,8-PeCDD	1.42e+07	1.62 y	33:12	1.05	469		2.50	-	-	*	
1,2,3,4,7,8-HxCDD	1.24e+07	1.39 y	38:33	1.30	486		2.50	-	-	*	
1,2,3,6,7,8-HxCDD	1.14e+07	1.39 y	38:43	1.28	469		2.50	-	-	*	
1,2,3,7,8,9-HxCDD	1.21e+07	1.39 y	39:10	1.25	499		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	1.52e+07	1.03 y	44:09	1.35	719		2.50	-	-	*	
OCDD	3.53e+07	0.95 y	49:41	1.25	3800		2.50	-	-	*	
2,3,7,8-TCDF	7.34e+06	0.69 y	26:38	1.62	87.5		2.50	-	-	*	
1,2,3,7,8-PeCDF	1.92e+07	1.44 y	31:27	0.92	470		2.50	-	-	*	
2,3,4,7,8-PeCDF	1.80e+07	1.41 y	32:47	0.94	451		2.50	-	-	*	
1,2,3,4,7,8-HxCDF	1.53e+07	1.26 y	37:10	0.93	431		2.50	-	-	*	
1,2,3,6,7,8-HxCDF	1.59e+07	1.28 y	37:21	0.84	438		2.50	-	-	*	
2,3,4,6,7,8-HxCDF	1.42e+07	1.30 y	38:18	0.90	440		2.50	-	-	*	
1,2,3,7,8,9-HxCDF	1.26e+07	1.29 y	39:44	0.98	432		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDF	1.32e+07	1.04 y	42:14	1.38	487		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	1.07e+07	1.05 y	45:04	1.62	422		2.50	-	-	*	
OCDF	1.34e+07	0.87 y	50:03	0.74	1120		2.50	-	-	*	
13C-2,3,7,8-TCDD	3.40e+07	0.82 y	27:21	0.93	823						84.0
13C-1,2,3,7,8-PeCDD	2.82e+07	1.78 y	33:09	0.81	785						80.1
13C-1,2,3,4,7,8-HxCDD	1.93e+07	1.25 y	38:32	0.95	842						85.9
13C-1,2,3,6,7,8-HxCDD	1.87e+07	1.25 y	38:42	1.00	778						79.3
13C-1,2,3,4,6,7,8-HpCDD	1.53e+07	1.01 y	44:07	0.92	687						70.1
13C-OCDD	1.45e+07	0.92 y	49:40	0.63	950						48.4
13C-2,3,7,8-TCDF	5.08e+07	0.88 y	26:37	0.87	819						83.6
13C-1,2,3,7,8-PeCDF	4.38e+07	1.69 y	31:26	0.81	760						77.5
13C-2,3,4,7,8-PeCDF	4.13e+07	1.66 y	32:45	0.75	769						78.5
13C-1,2,3,4,7,8-HxCDF	3.73e+07	0.54 y	37:08	1.74	886						90.3
13C-1,2,3,6,7,8-HxCDF	4.26e+07	0.54 y	37:20	2.17	811						82.7
13C-2,3,4,6,7,8-HxCDF	3.53e+07	0.55 y	38:16	1.82	802						81.8
13C-1,2,3,7,8,9-HxCDF	2.90e+07	0.54 y	39:42	1.49	807						82.4
13C-1,2,3,4,6,7,8-HpCDF	1.92e+07	0.40 y	42:13	1.10	721						73.5
13C-1,2,3,4,7,8,9-HpCDF	1.54e+07	0.41 y	45:02	0.81	779						79.4
13C-OCDF	3.18e+07	0.95 y	50:02	1.19	1110						56.4
37Cl-2,3,7,8-TCDD	1.34e+07		27:22	0.93	322						82.2
13C-1,2,3,4-TCDD	4.37e+07	0.83 y	26:46	-	63.1						
13C-1,2,3,4-TCDF	7.01e+07	0.87 y	25:32	-	64.4						
13C-1,2,3,7,8,9-HxCDD	2.38e+07	1.25 y	39:08	-	54.0						
Total Tetra-Dioxins	3.37e+06		24:22	1.04	93.7		2.50	-	-	*	14
Total Penta-Dioxins	1.44e+07		30:12	1.05	478		2.50	-	-	*	7
Total Hexa-Dioxins	3.72e+07		36:05	1.27	1500		2.50	-	-	*	7
Total Hepta-Dioxins	2.13e+07		42:46	1.35	1010		2.50	-	-	*	12
Total Tetra-Furans	8.67e+06		23:25	1.62	103		2.50	-	-	*	22
1st Fn. Tot Penta-Furans	5.03e+05		23:01	0.93	12.4		2.50	-	-	*	PeCDF 23
Total Penta-Furans	3.85e+07		30:11	0.93	953		2.50	-	-	*	966 10
Total Hexa-Furans	5.96e+07		35:13	0.90	1790		2.50	-	-	*	8
Total Hepta-Furans	2.71e+07		42:14	1.48	1030		2.50	-	-	*	12

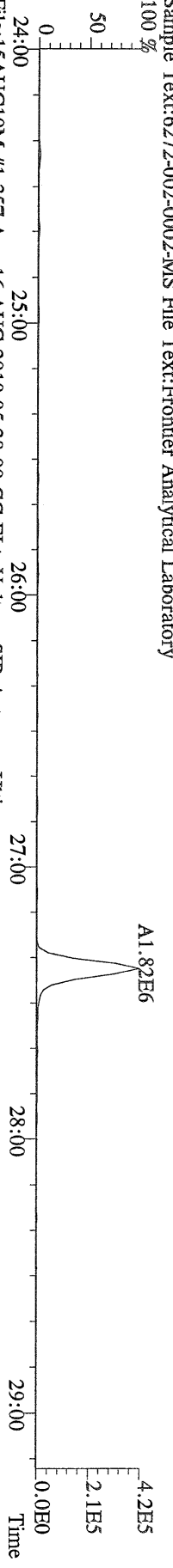
Analyst: J

Date: 8/16/10

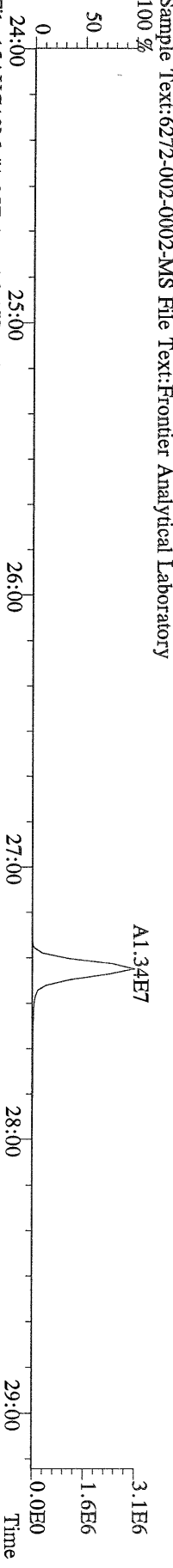
File:15AUG10M #1-357 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory
100 %



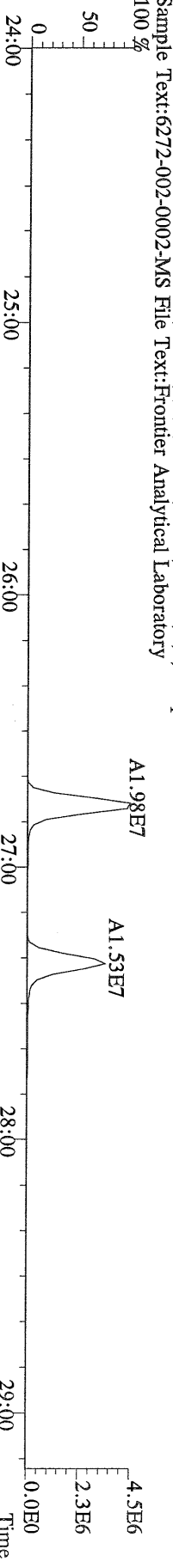
File:15AUG10M #1-357 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory
100 %



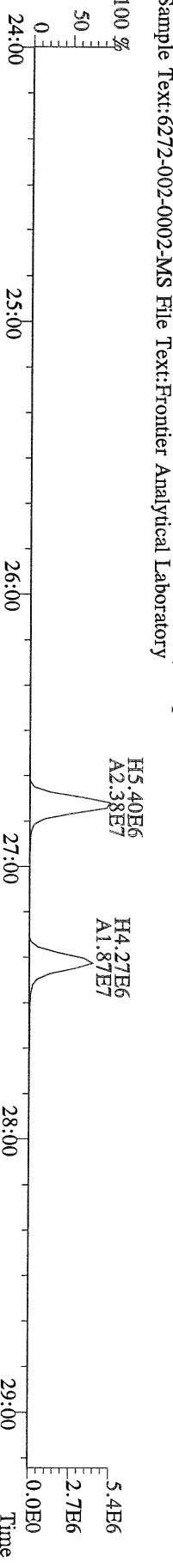
File:15AUG10M #1-357 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory
100 %



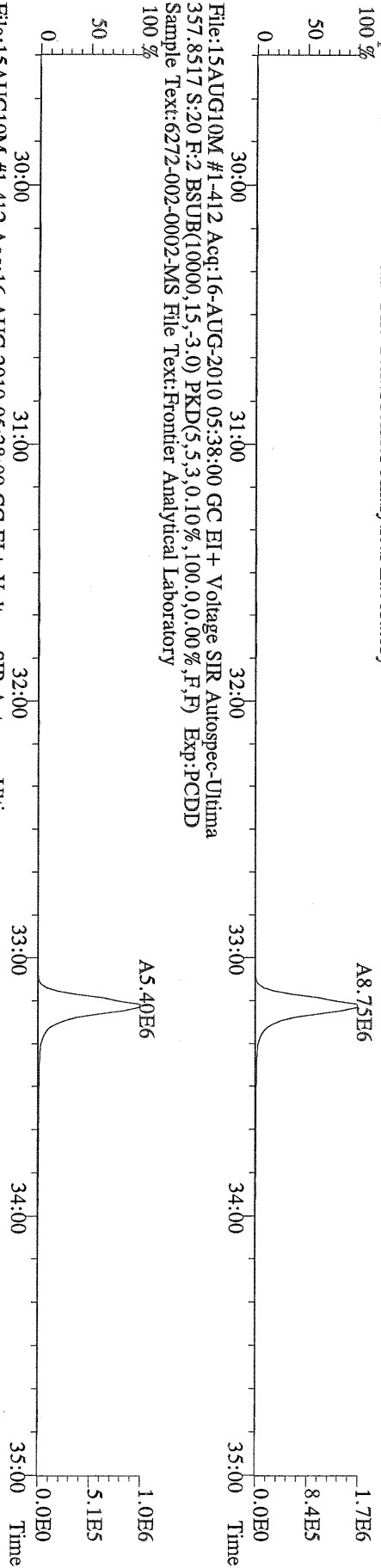
File:15AUG10M #1-357 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory
100 %



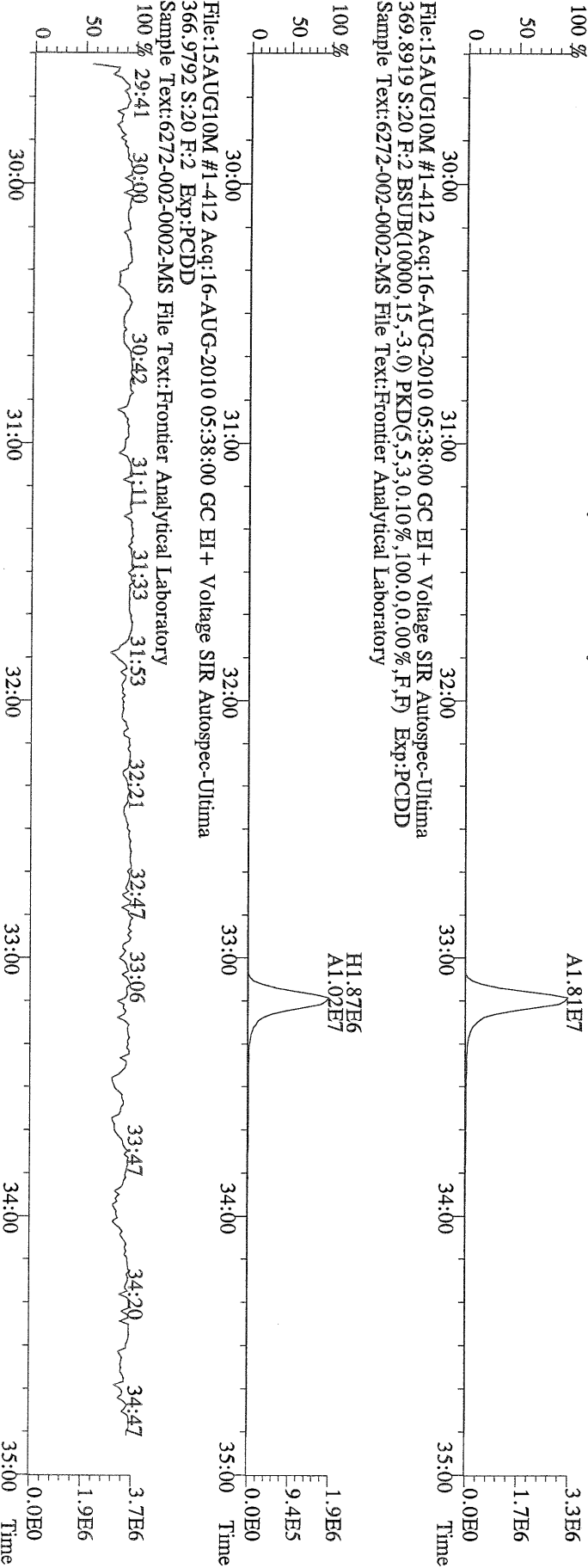
File:15AUG10M #1-357 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



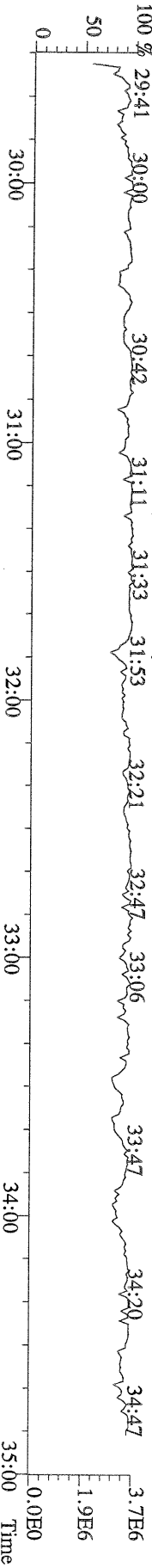
File:15AUG10M #1-412 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:20 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory
100 %



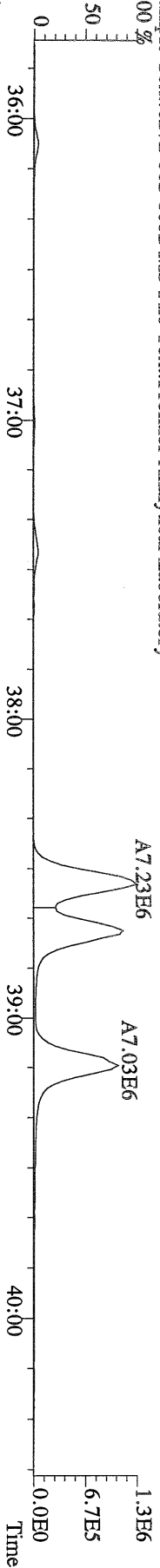
File:15AUG10M #1-412 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:20 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory
100 %



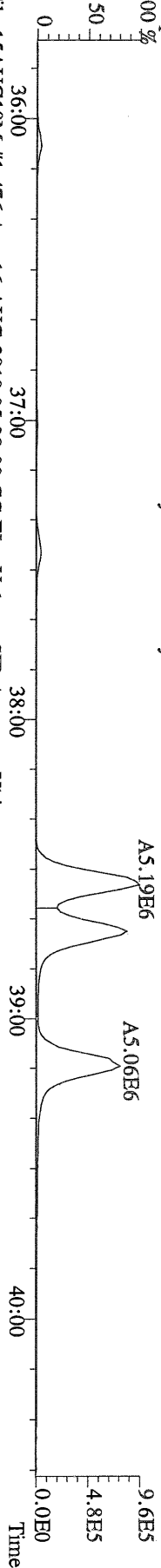
File:15AUG10M #1-412 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:20 F:2 Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory
100 %



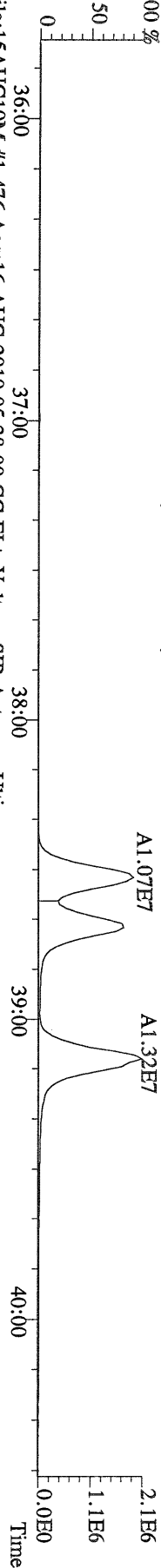
File:15AUG10M #1-476 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 389.8156 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



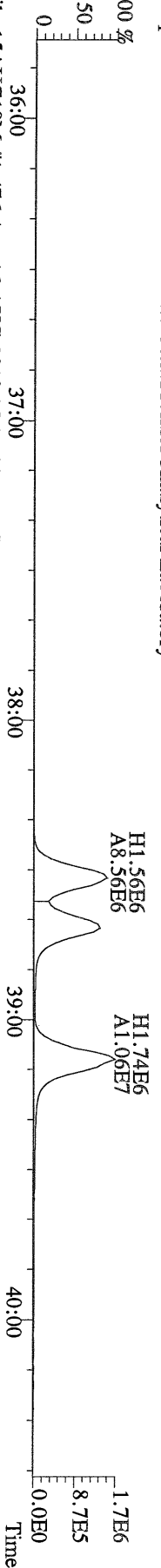
File:15AUG10M #1-476 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 391.8127 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



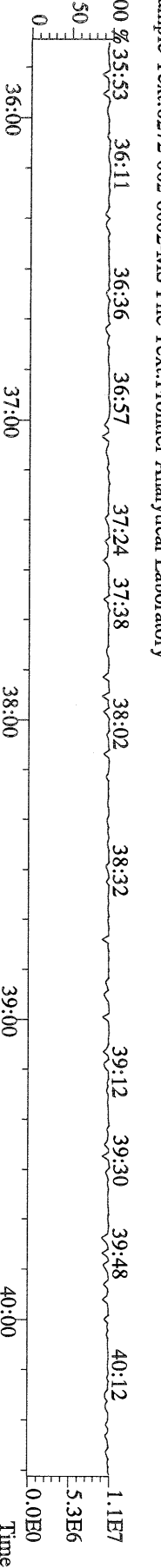
File:15AUG10M #1-476 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 401.8559 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



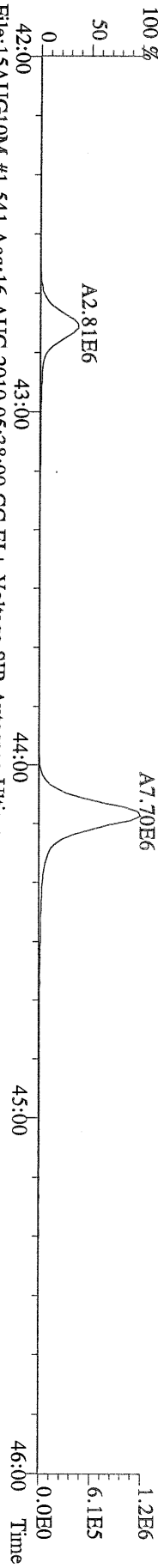
File:15AUG10M #1-476 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 403.8530 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



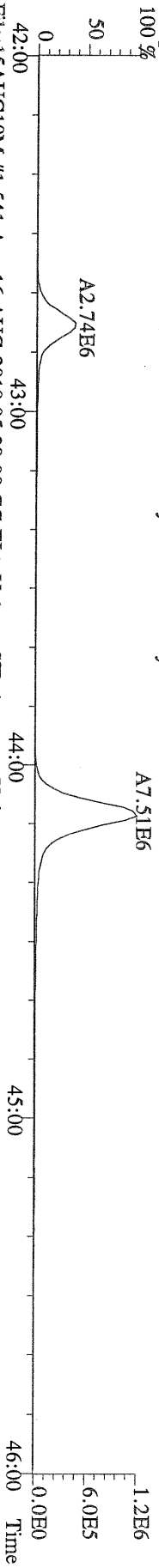
File:15AUG10M #1-476 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 380.9760 S:20 F:3 Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



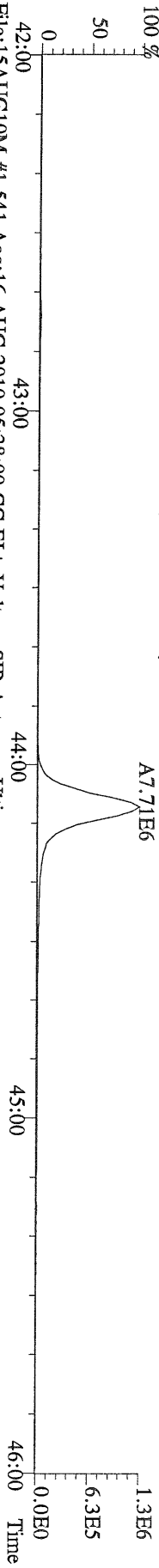
File:15AUG10M #1-541 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:20 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



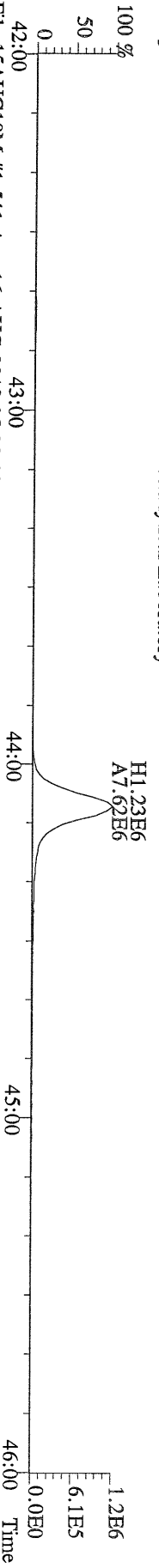
File:15AUG10M #1-541 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:20 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



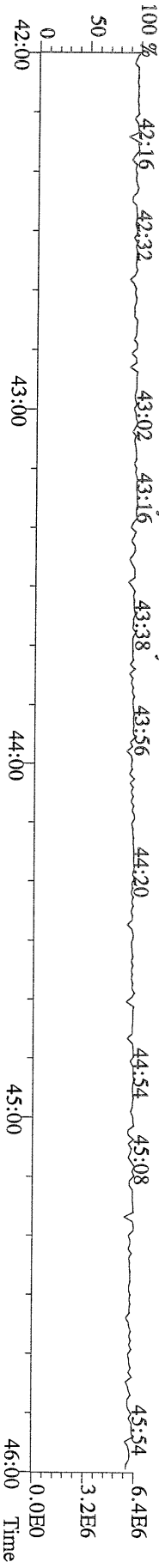
File:15AUG10M #1-541 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:20 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



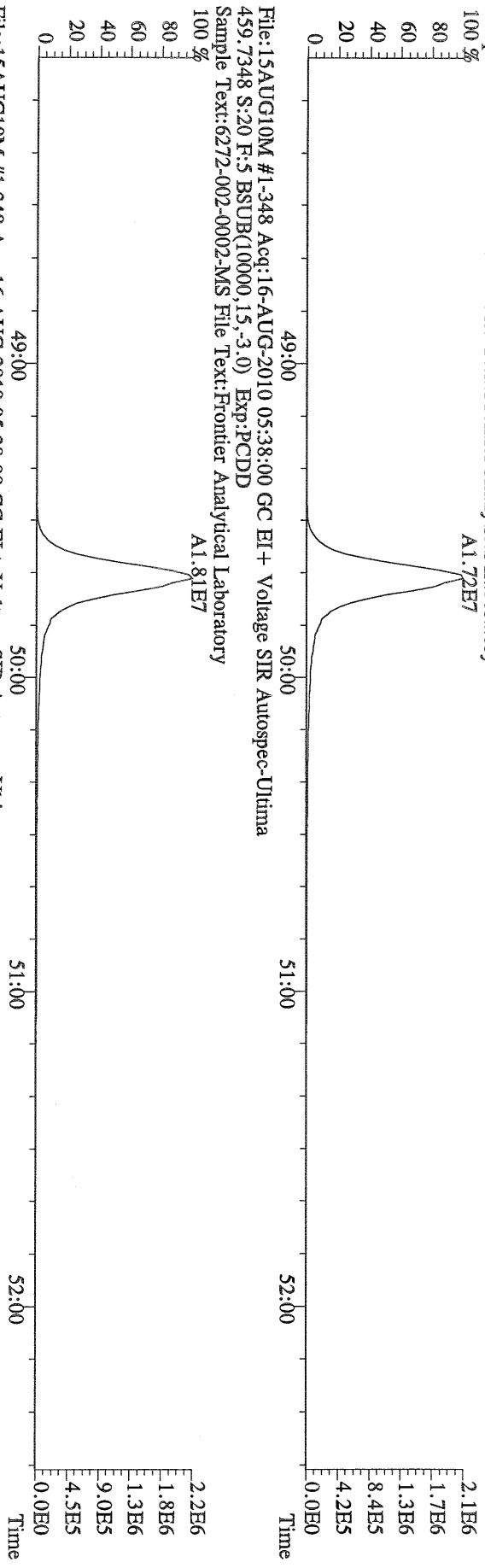
File:15AUG10M #1-541 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:20 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



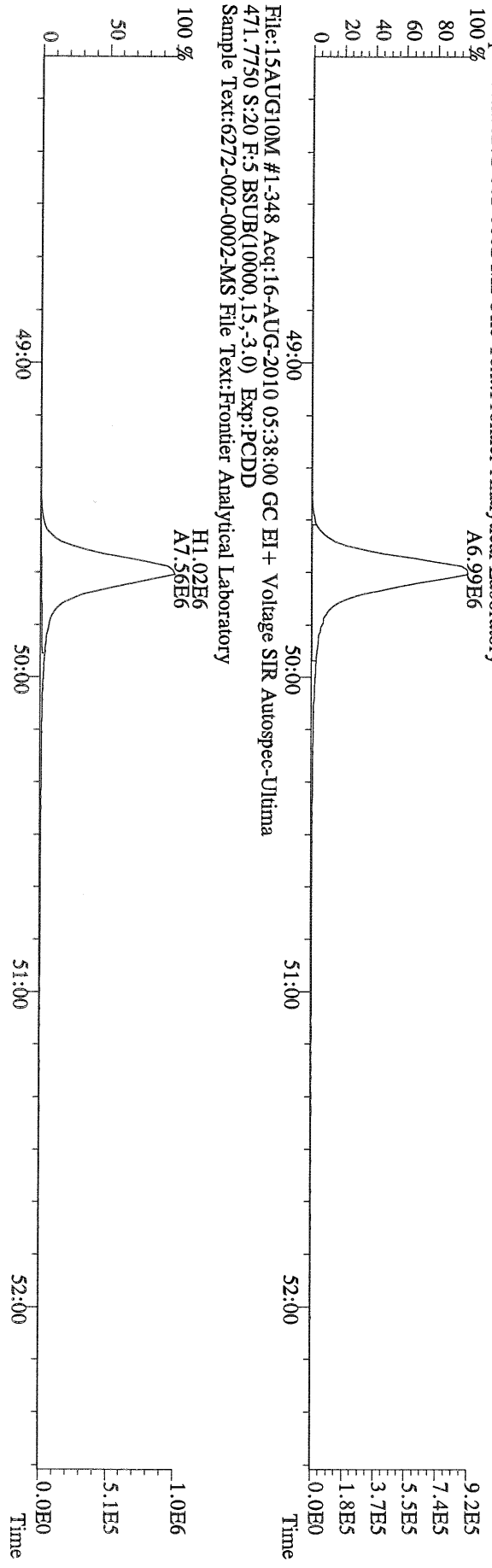
File:15AUG10M #1-541 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:20 F:4 Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



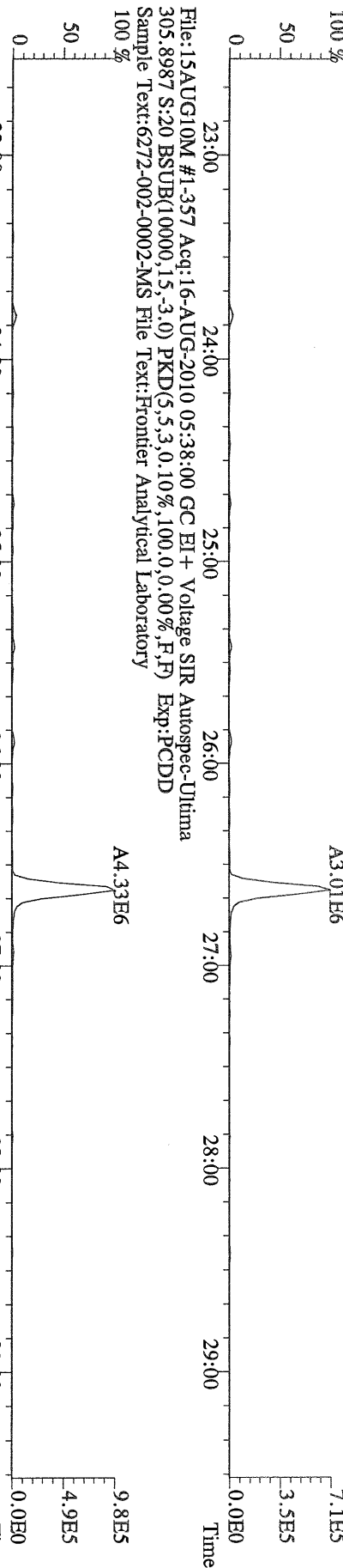
File:15AUG10M #1-348 Acq:16-AUG-2010 05:38:00 GC EI + Voltage SIR Autospec-Ultima
457.7377 S:20 F:5 BSUB(10000,15,-3,0) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



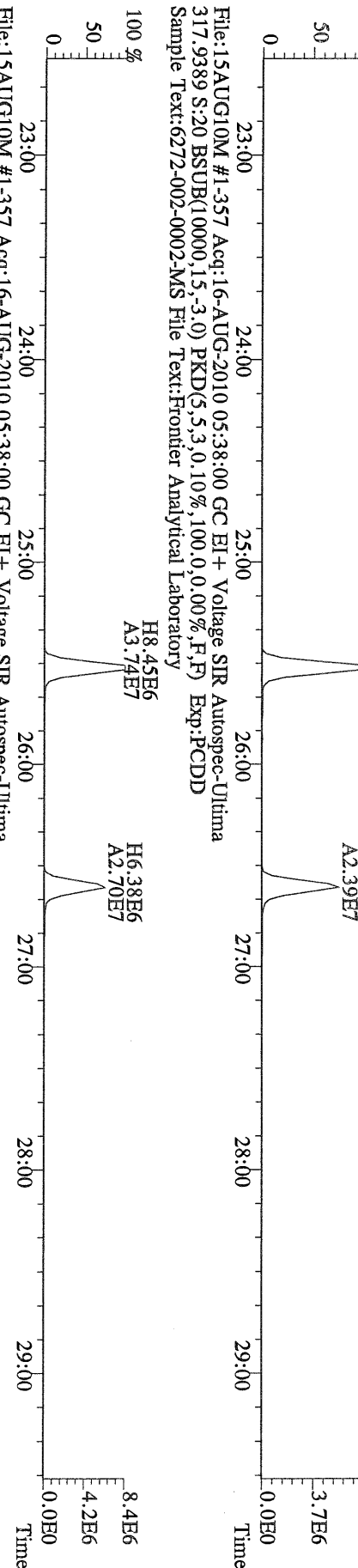
File:15AUG10M #1-348 Acq:16-AUG-2010 05:38:00 GC EI + Voltage SIR Autospec-Ultima
469.7780 S:20 F:5 BSUB(10000,15,-3,0) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



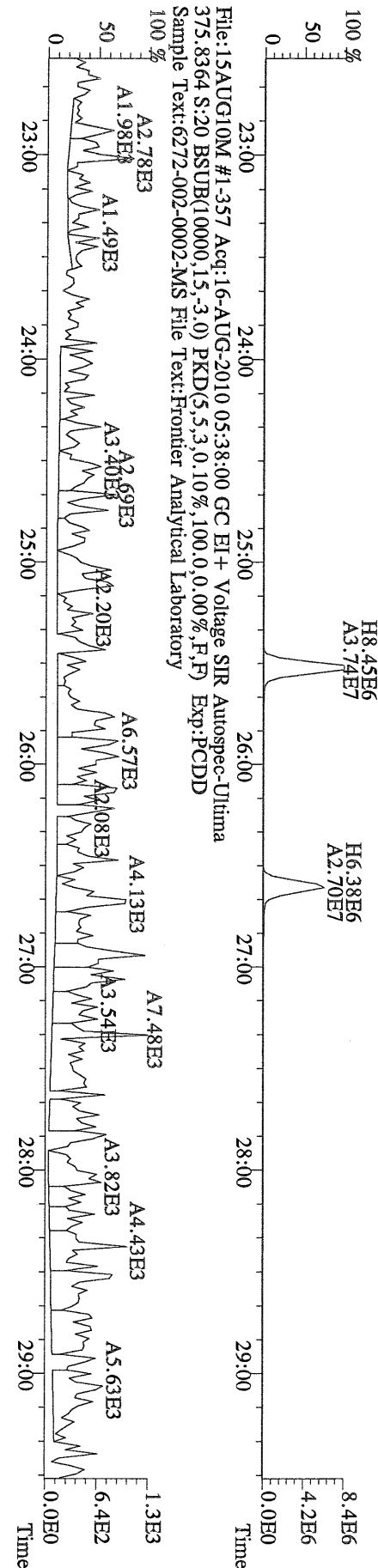
File:15AUG10M #1-357 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



File:15AUG10M #1-357 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory

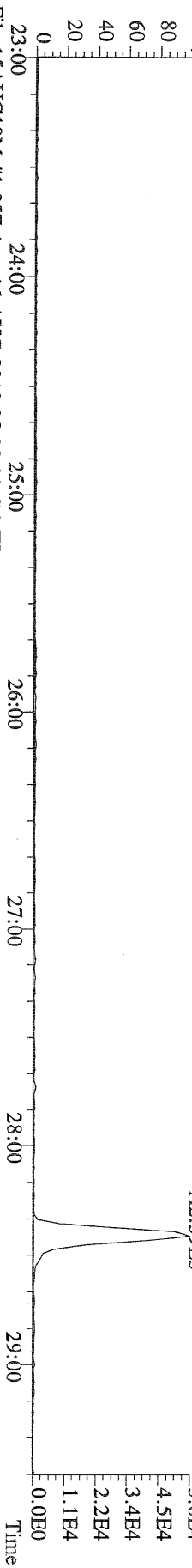


File:15AUG10M #1-357 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 317.9389 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory

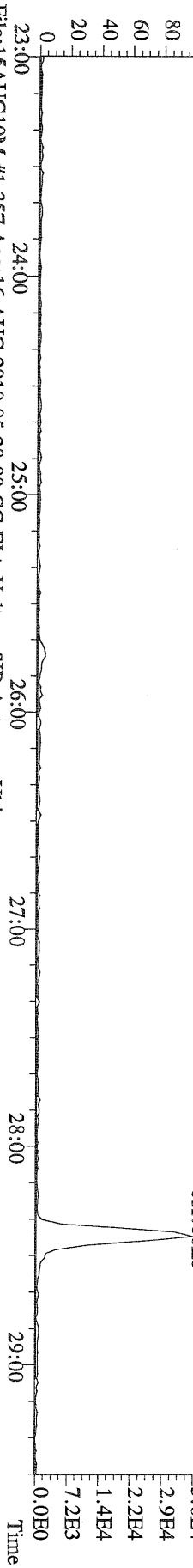


File:15AUG10M #1-357 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 S:20 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory

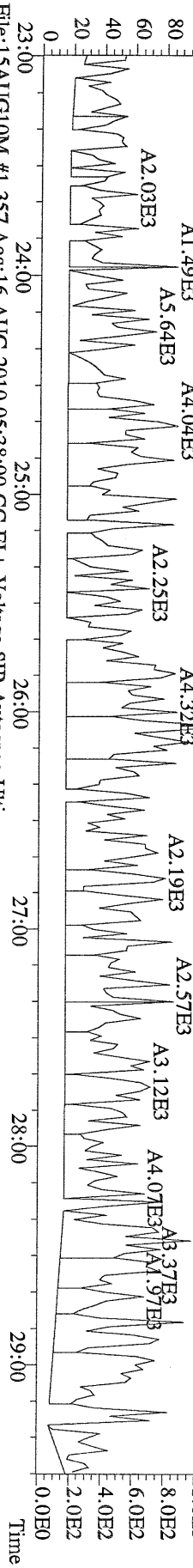
File:15AUG10M #1-357 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:20 BSUB(10000,15,-3.0) PKD(5.5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



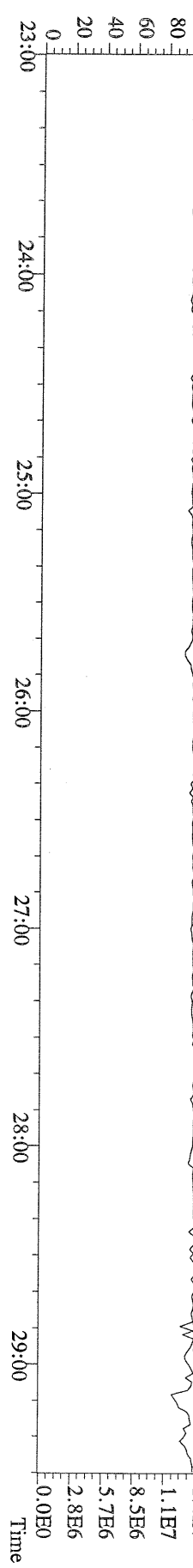
File:15AUG10M #1-357 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:20 BSUB(10000,15,-3.0) PKD(5.5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



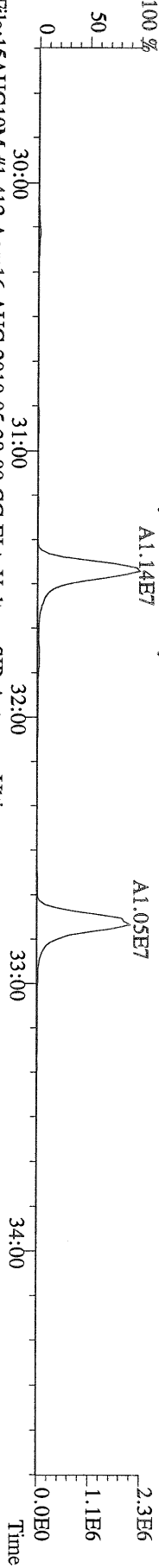
File:15AUG10M #1-357 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:20 BSUB(10000,15,-3.0) PKD(5.5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



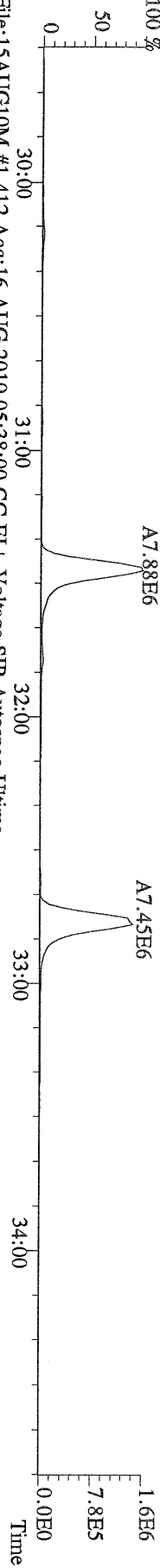
File:15AUG10M #1-357 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 330.9792 S:20 Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



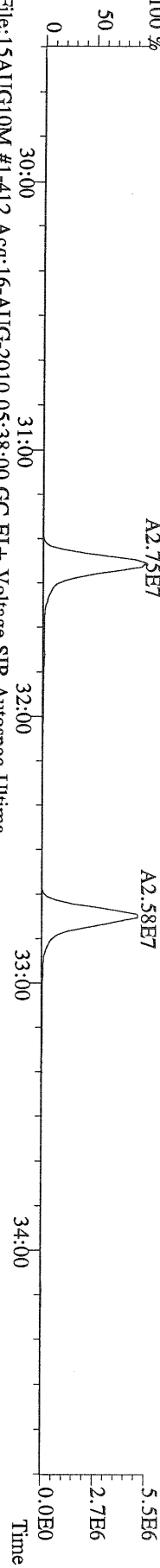
File:15AUG10M #1-412 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:20 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



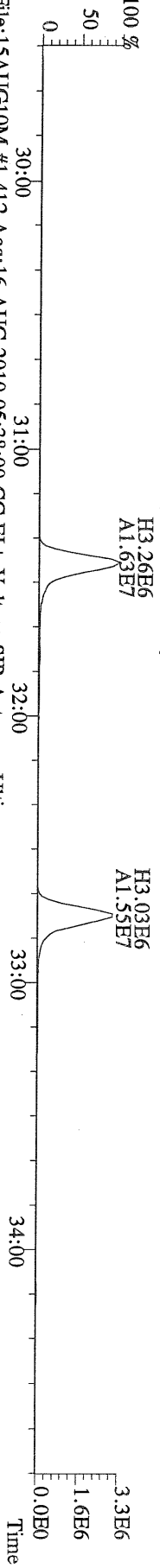
File:15AUG10M #1-412 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:20 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



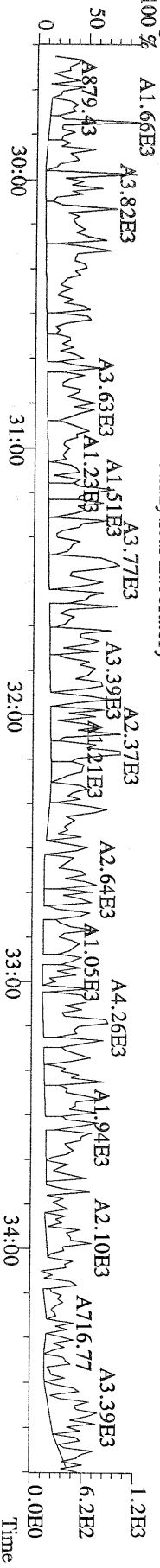
File:15AUG10M #1-412 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 S:20 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



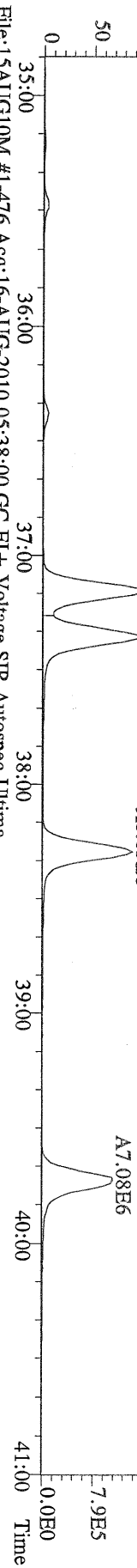
File:15AUG10M #1-412 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 353.8970 S:20 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



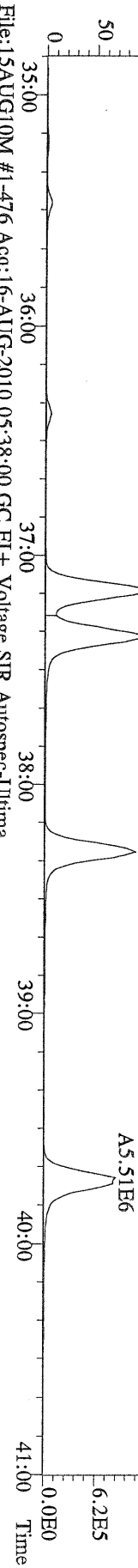
File:15AUG10M #1-412 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:20 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



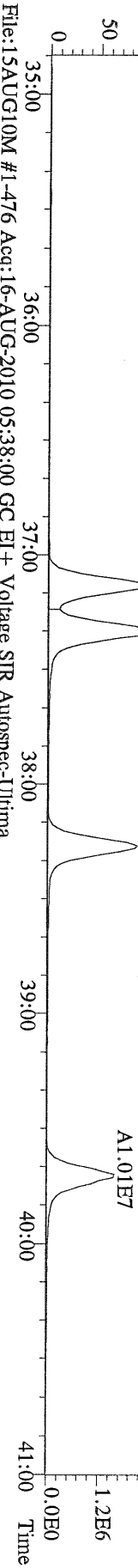
File:15AUG10M #1-476 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 373.8207 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



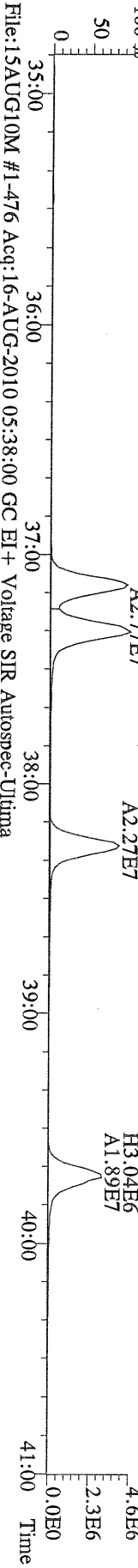
File:15AUG10M #1-476 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 375.8178 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



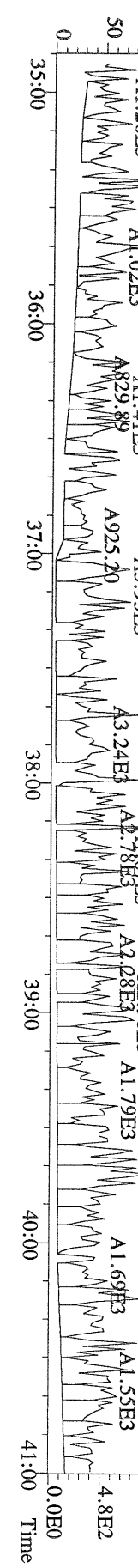
File:15AUG10M #1-476 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 383.8639 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



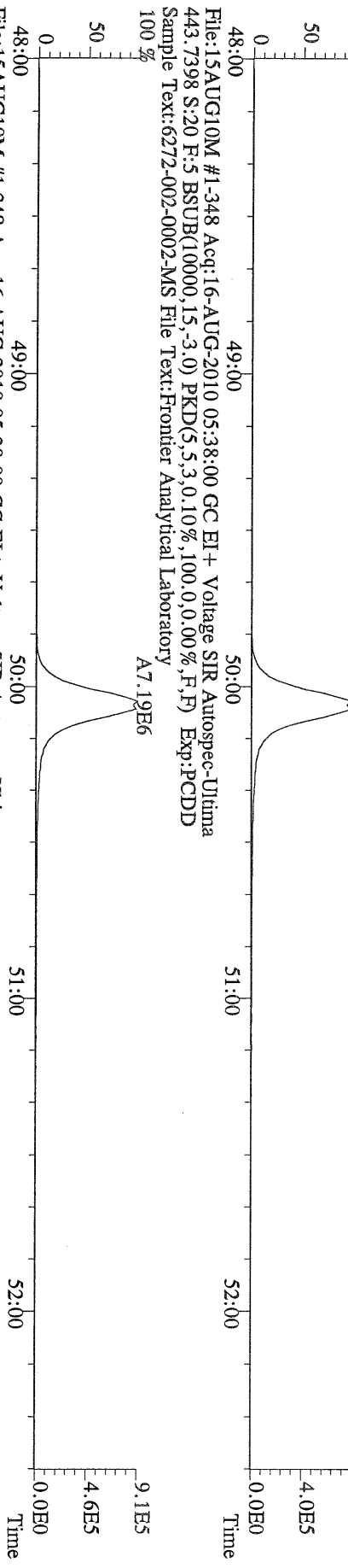
File:15AUG10M #1-476 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 385.8610 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



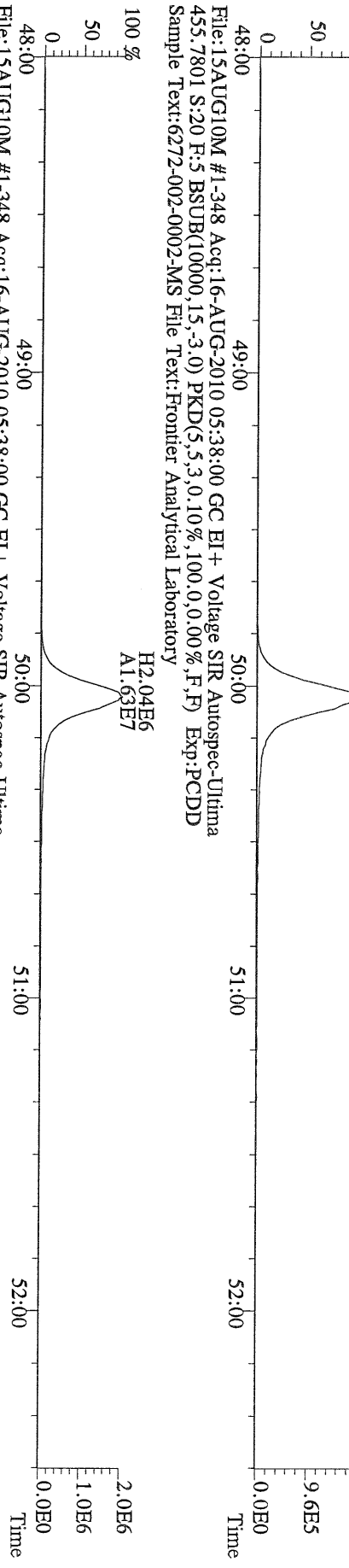
File:15AUG10M #1-476 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
 445.7555 S:20 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



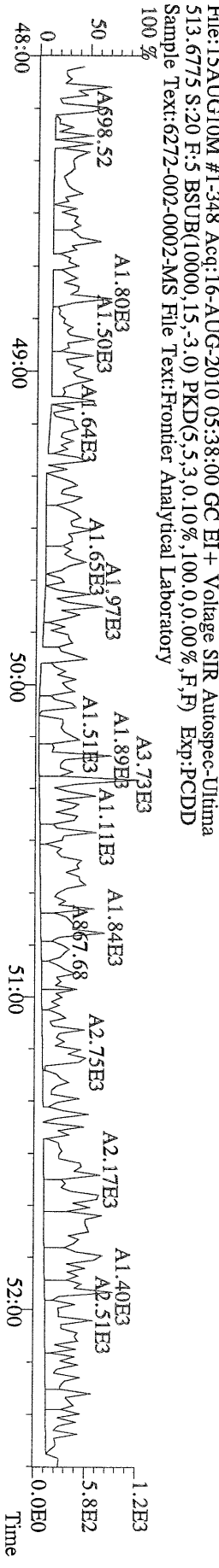
File:15AUG10M #1-348 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:20 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory




File:15AUG10M #1-348 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:20 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory



File:15AUG10M #1-348 Acq:16-AUG-2010 05:38:00 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:20 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MS File Text:Frontier Analytical Laboratory

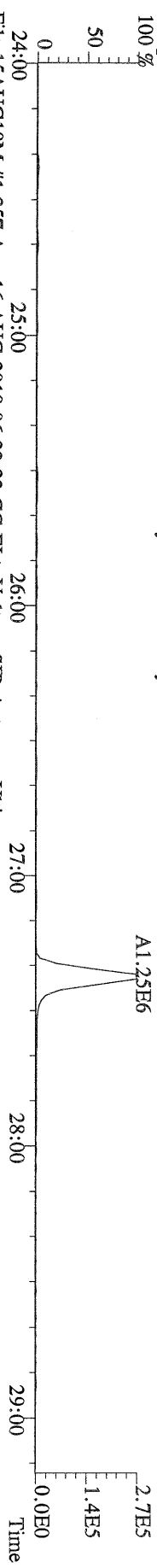


Name	Resp	RA	RT	RRF	WHO 1998 Tox:		WHO 2005 Tox:		1120 DL	
					Conc	Qual	Fac Noise-1	Noise-2		
2,3,7,8-TCDD	2.95e+06	0.74 y	27:23	1.04	94.2	2.50	-	-	*	
1,2,3,7,8-PeCDD	1.37e+07	1.61 y	33:11	1.05	495	2.50	-	-	*	
1,2,3,4,7,8-HxCDD	1.17e+07	1.41 y	38:33	1.30	505	2.50	-	-	*	
1,2,3,6,7,8-HxCDD	1.10e+07	1.37 y	38:43	1.28	511	2.50	-	-	*	
1,2,3,7,8,9-HxCDD	1.15e+07	1.38 y	39:09	1.25	534	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	1.45e+07	1.03 y	44:08	1.35	747	2.50	-	-	*	
OCDD	3.87e+07	0.97 y	49:41	1.25	3900	2.50	-	-	*	
2,3,7,8-TCDF	6.64e+06	0.69 y	26:37	1.62	90.4	2.50	-	-	*	
1,2,3,7,8-PeCDF	1.82e+07	1.45 y	31:27	0.92	498	2.50	-	-	*	
2,3,4,7,8-PeCDF	1.76e+07	1.44 y	32:46	0.94	488	2.50	-	-	*	
1,2,3,4,7,8-HxCDF	1.45e+07	1.26 y	37:09	0.93	456	2.50	-	-	*	
1,2,3,6,7,8-HxCDF	1.54e+07	1.26 y	37:21	0.84	461	2.50	-	-	*	
2,3,4,6,7,8-HxCDF	1.36e+07	1.25 y	38:18	0.90	460	2.50	-	-	*	
1,2,3,7,8,9-HxCDF	1.27e+07	1.28 y	39:44	0.98	464	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDF	1.22e+07	1.04 y	42:14	1.38	508	2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	1.07e+07	1.04 y	45:03	1.62	451	2.50	-	-	*	
OCDF	1.36e+07	0.87 y	50:03	0.74	1190	2.50	-	-	*	
									Rec	
13C-2,3,7,8-TCDD	2.96e+07	0.85 y	27:21	0.93	760				77.5	
13C-1,2,3,7,8-PeCDD	2.59e+07	1.78 y	33:10	0.81	762				77.7	
13C-1,2,3,4,7,8-HxCDD	1.75e+07	1.25 y	38:31	0.95	795				81.1	
13C-1,2,3,6,7,8-HxCDD	1.65e+07	1.25 y	38:41	1.00	710				72.5	
13C-1,2,3,4,6,7,8-HpCDD	1.40e+07	1.02 y	44:07	0.92	656				66.9	
13C-OCDD	1.56e+07	0.89 y	49:39	0.63	1060				53.9	
13C-2,3,7,8-TCDF	4.45e+07	0.86 y	26:36	0.87	747				76.2	
13C-1,2,3,7,8-PeCDF	3.91e+07	1.70 y	31:26	0.81	706				72.0	
13C-2,3,4,7,8-PeCDF	3.75e+07	1.67 y	32:46	0.75	727				74.1	
13C-1,2,3,4,7,8-HxCDF	3.36e+07	0.54 y	37:08	1.74	832				84.8	
13C-1,2,3,6,7,8-HxCDF	3.92e+07	0.53 y	37:20	2.17	777				79.3	
13C-2,3,4,6,7,8-HxCDF	3.23e+07	0.52 y	38:16	1.82	765				78.0	
13C-1,2,3,7,8,9-HxCDF	2.72e+07	0.55 y	39:42	1.49	787				80.3	
13C-1,2,3,4,6,7,8-HpCDF	1.70e+07	0.40 y	42:13	1.10	666				67.9	
13C-1,2,3,4,7,8,9-HpCDF	1.44e+07	0.40 y	45:02	0.81	758				77.3	
13C-OCDF	3.02e+07	0.94 y	50:02	1.19	1090				55.8	
37Cl-2,3,7,8-TCDD	1.24e+07		27:22	0.93	318				81.1	
13C-1,2,3,4-TCDD	4.12e+07	0.84 y	26:47	-	59.6					
13C-1,2,3,4-TCDF	6.73e+07	0.88 y	25:31	-	61.8					
13C-1,2,3,7,8,9-HxCDD	2.28e+07	1.23 y	39:08	-	51.9					
						Fac Noise-1	Noise-2	DL	#Hom	
Total Tetra-Dioxins	3.18e+06		23:34	1.04	102	2.50	-	-	*	22
Total Penta-Dioxins	1.39e+07		30:12	1.05	503	2.50	-	-	*	7
Total Hexa-Dioxins	3.55e+07		36:05	1.27	1610	2.50	-	-	*	17
Total Hepta-Dioxins	2.11e+07		42:45	1.35	1090	2.50	-	-	*	14
Total Tetra-Furans	7.68e+06		23:24	1.62	105	2.50	-	-	*	18
1st Fn. Tot Penta-Furans	5.78e+05		22:47	0.93	15.9	2.50	-	-	*	PeCDF 24
Total Penta-Furans	3.69e+07		30:11	0.93	1020	2.50	-	-	*	1030 9
Total Hexa-Furans	5.78e+07		35:12	0.90	1890	2.50	-	-	*	15
Total Hepta-Furans	2.54e+07		42:14	1.48	1070	2.50	-	-	*	8

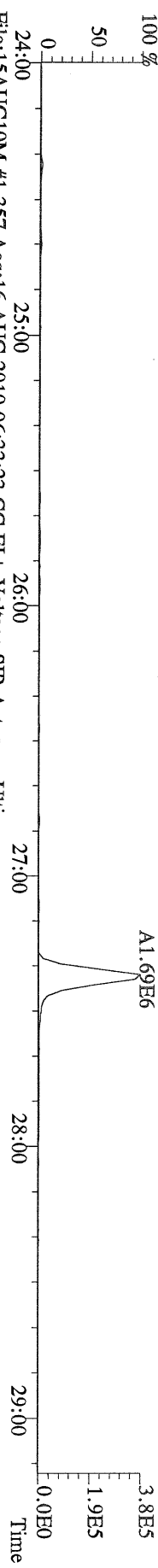
Analyst: 

Date: 8/16/10

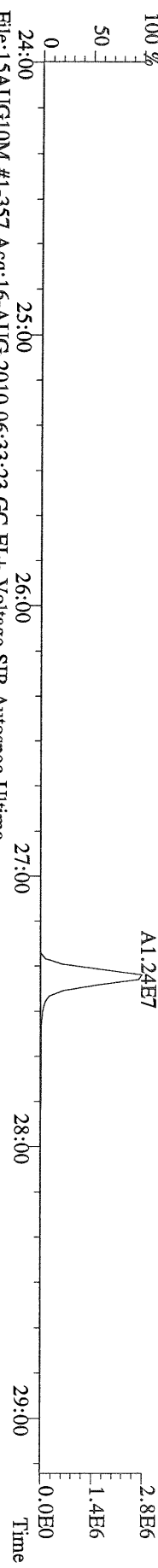
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



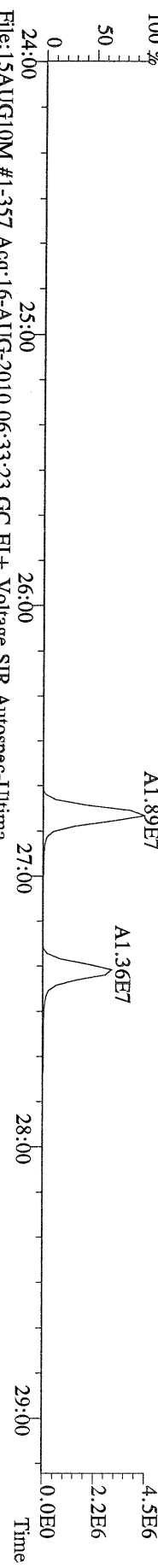
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



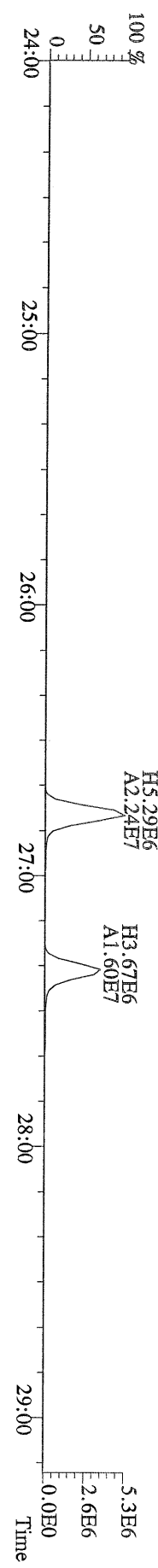
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



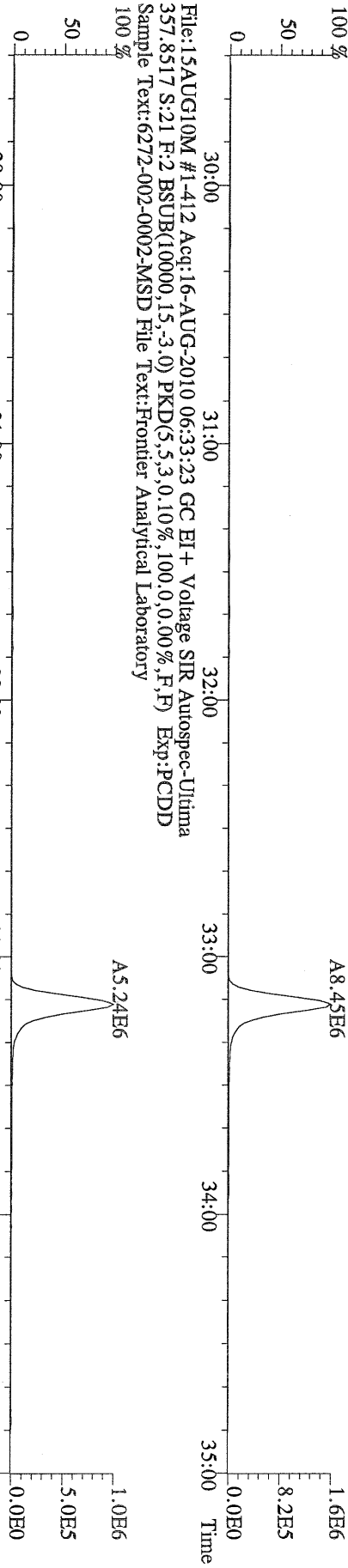
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



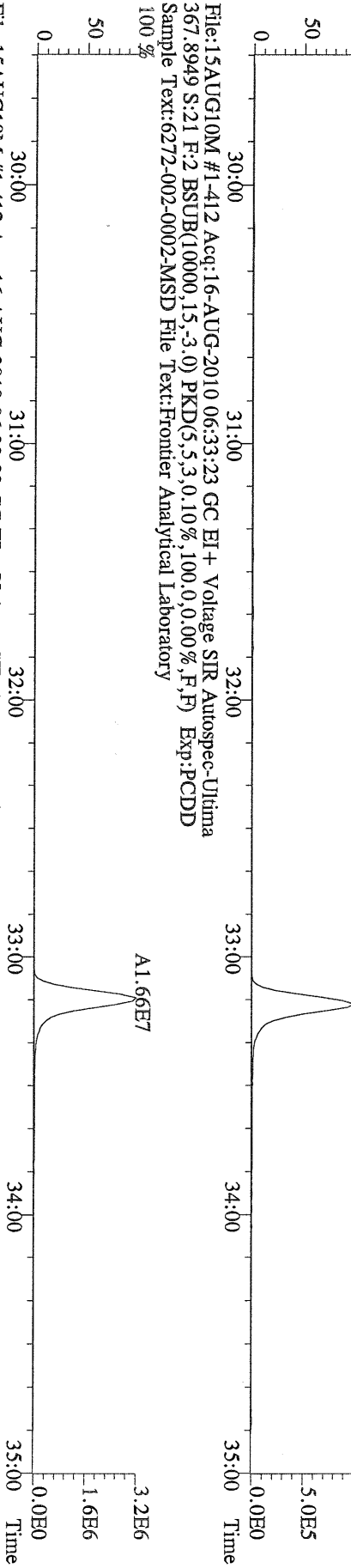
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



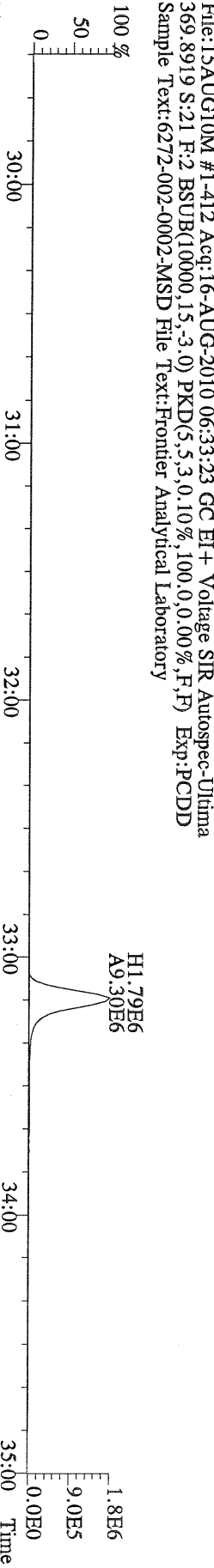
File:15AUG10M #1-412 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



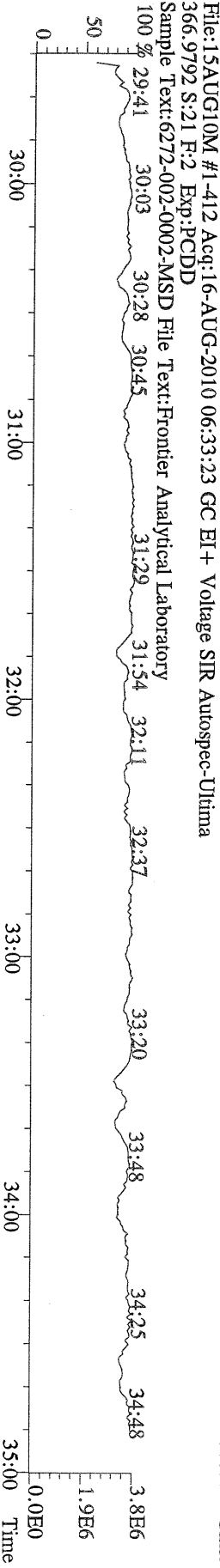
File:15AUG10M #1-412 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



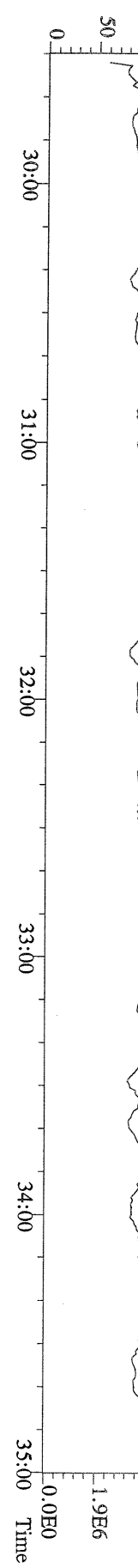
File:15AUG10M #1-412 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



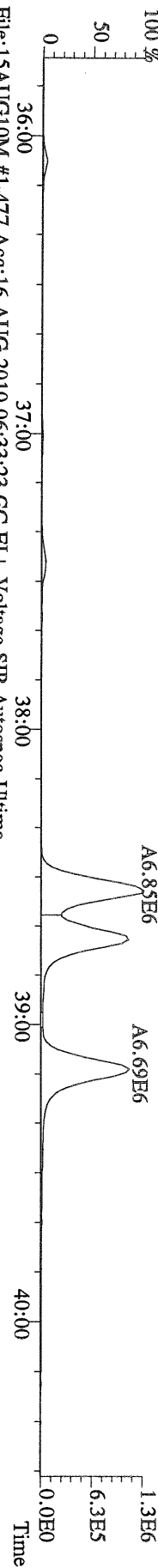
File:15AUG10M #1-412 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



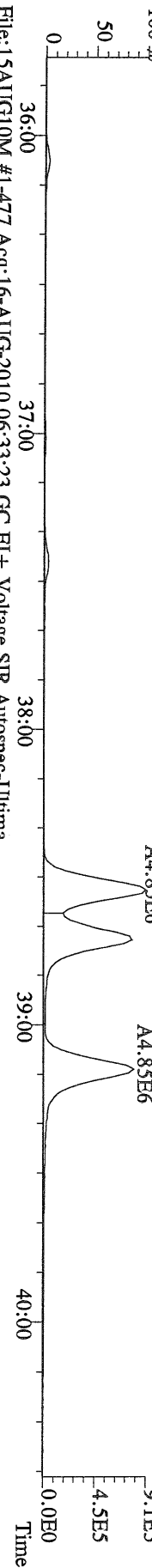
File:15AUG10M #1-412 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:21 F:2 Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



File:15AUG10M #1-477 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultime
389.8156 S:21 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



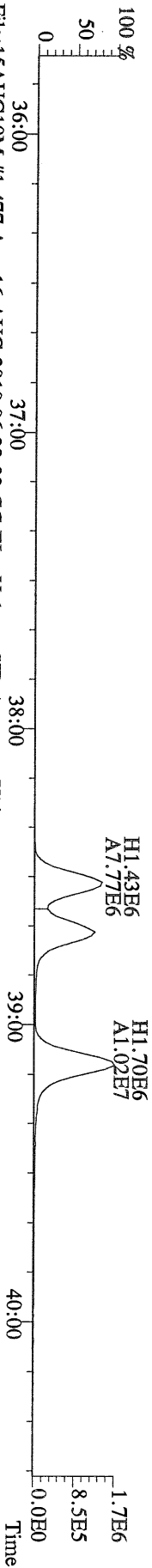
File:15AUG10M #1-477 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultime
391.8127 S:21 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



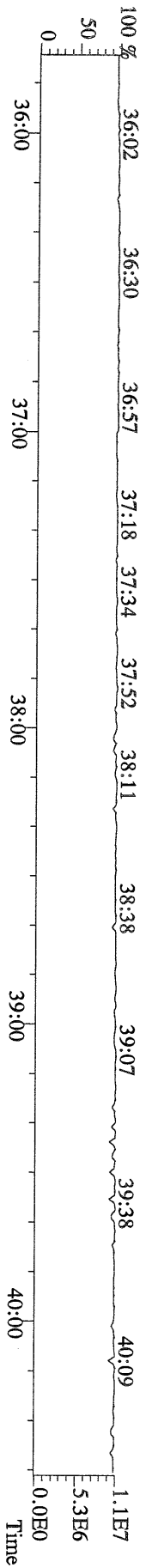
File:15AUG10M #1-477 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultime
401.8559 S:21 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



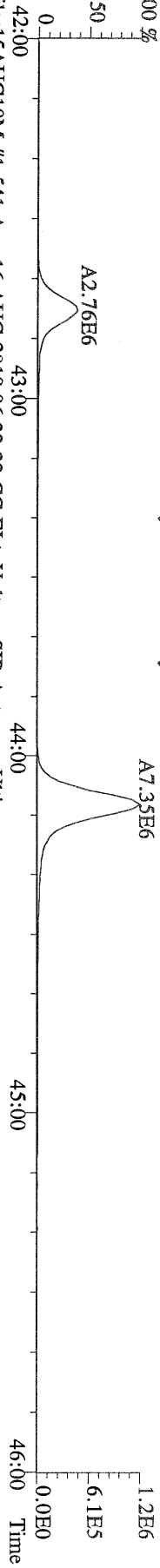
File:15AUG10M #1-477 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultime
403.8530 S:21 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



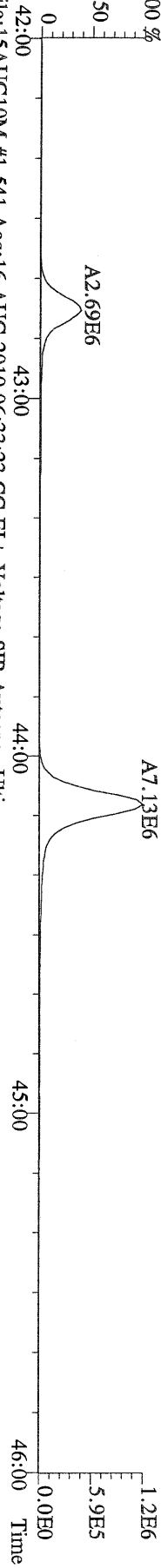
File:15AUG10M #1-477 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultime
380.9760 S:21 F:3 Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



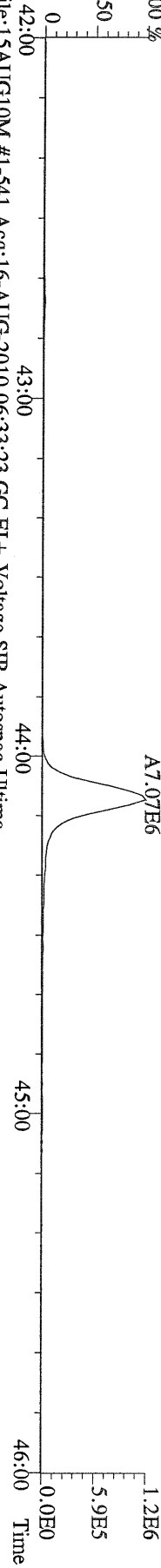
File:15AUG10M #1-541 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:21 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory
100 %



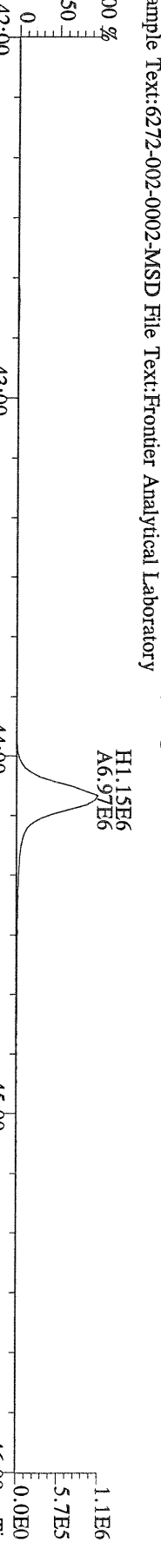
File:15AUG10M #1-541 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:21 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory
100 %



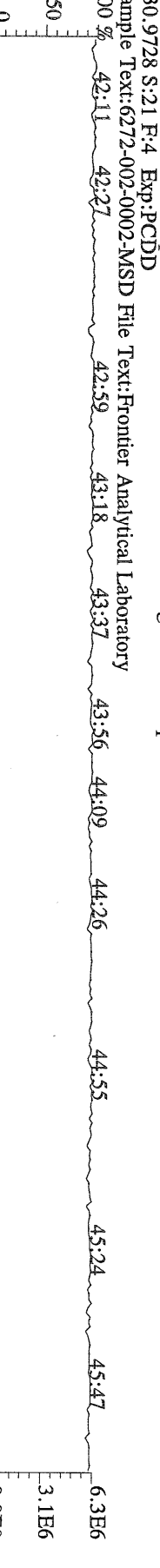
File:15AUG10M #1-541 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:21 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory
100 %



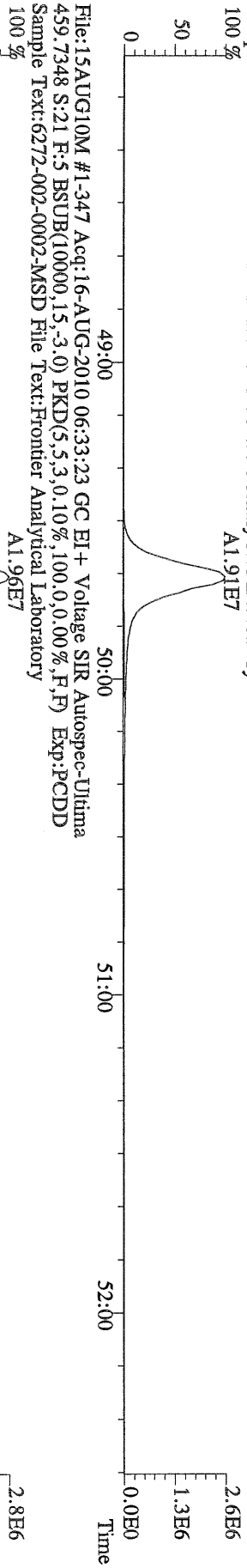
File:15AUG10M #1-541 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:21 F:4 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



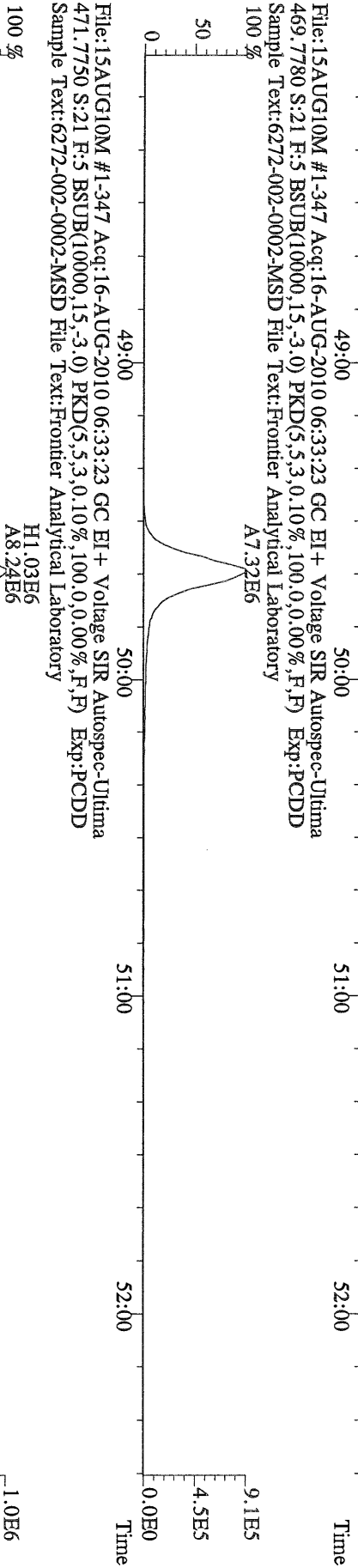
File:15AUG10M #1-541 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:21 F:4 Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



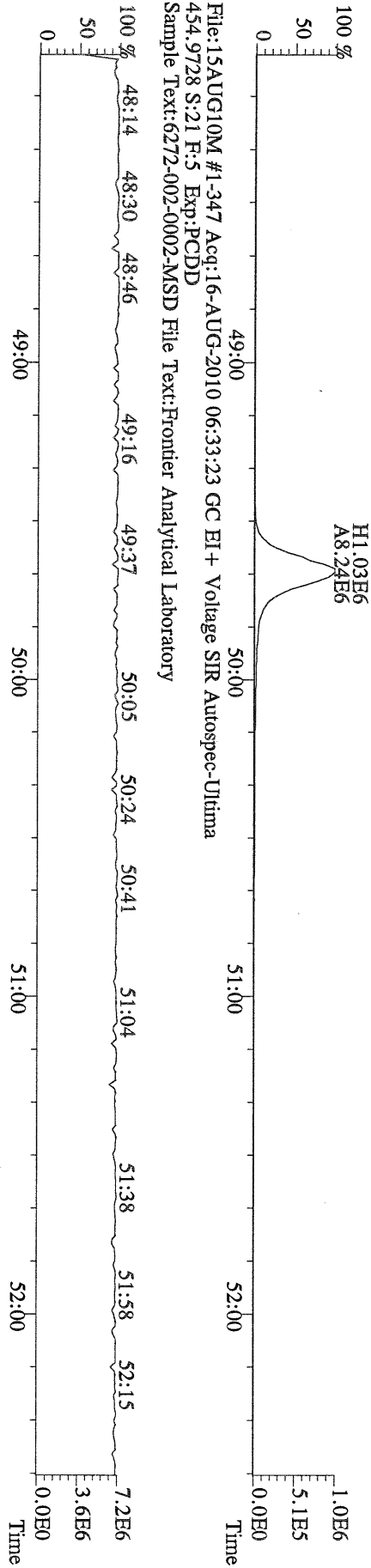
File:15AUG10M #1-347 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:21 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory
100 %



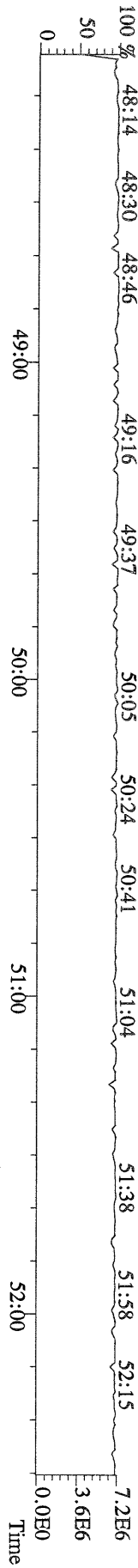
File:15AUG10M #1-347 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:21 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory
100 %



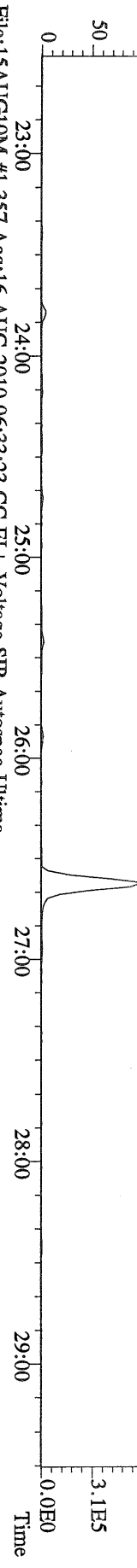
File:15AUG10M #1-347 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:21 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



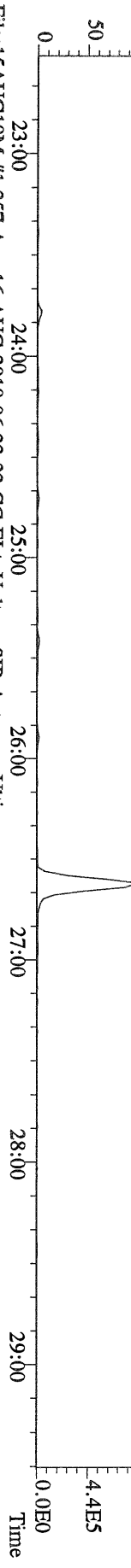
File:15AUG10M #1-347 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:21 F:5 Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



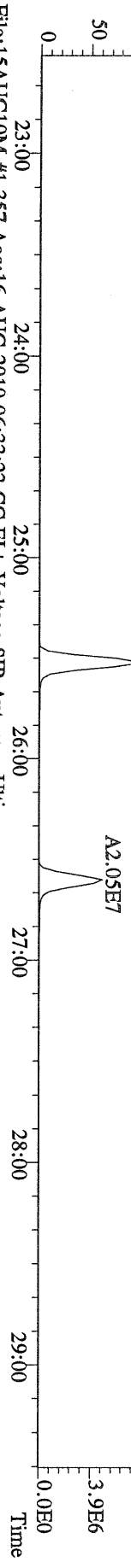
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:21 BSUB(10000,15,-3.0) PKD(5.5,3.0,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



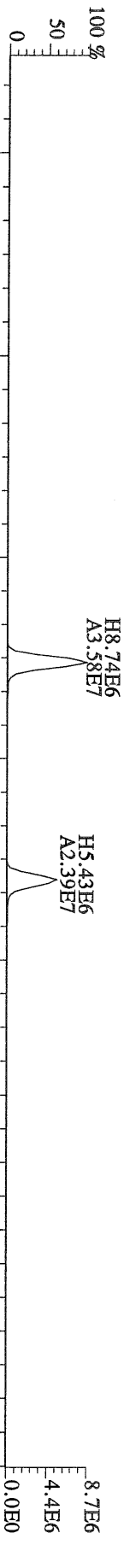
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
 305.8987 S:21 BSUB(10000,15,-3.0) PKD(5.5,3.0,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



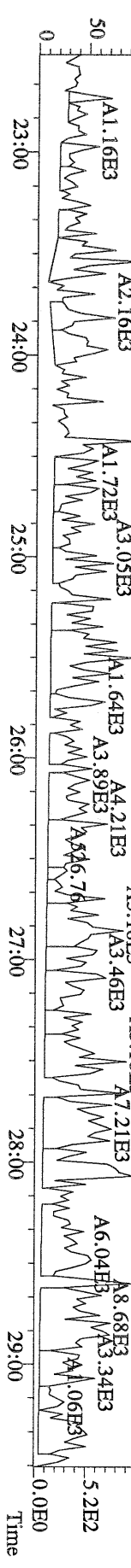
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 S:21 BSUB(10000,15,-3.0) PKD(5.5,3.0,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



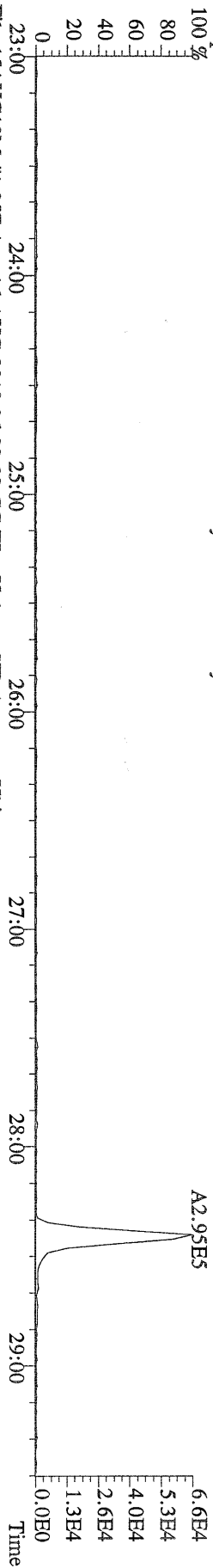
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
 317.9389 S:21 BSUB(10000,15,-3.0) PKD(5.5,3.0,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



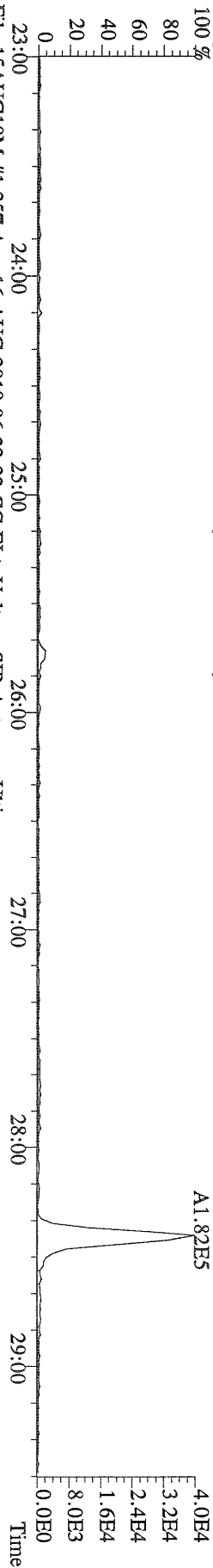
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 S:21 BSUB(10000,15,-3.0) PKD(5.5,3.0,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



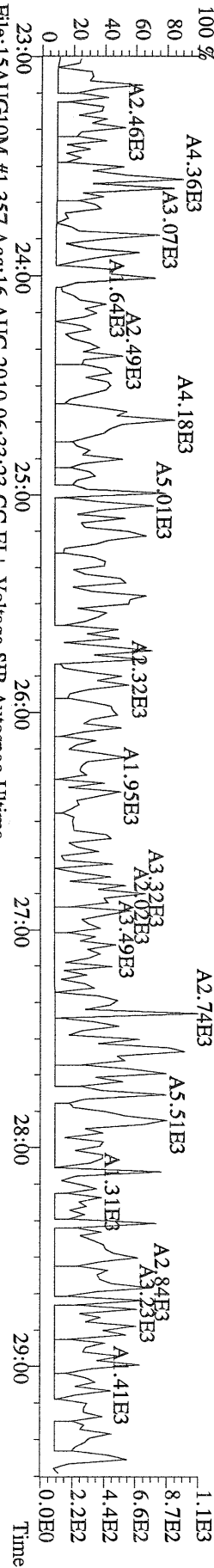
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



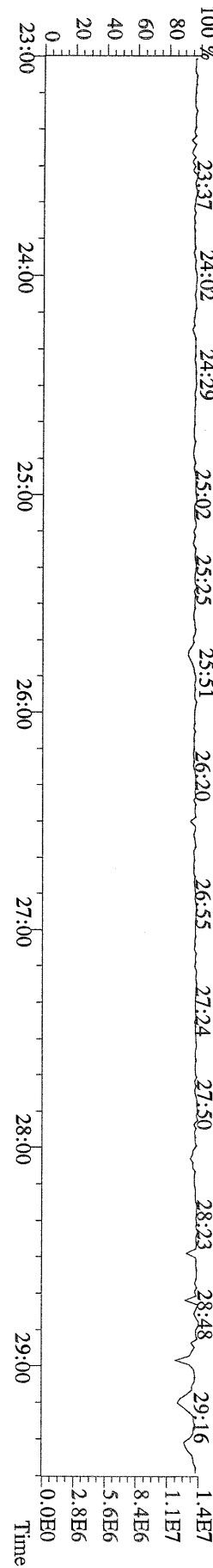
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



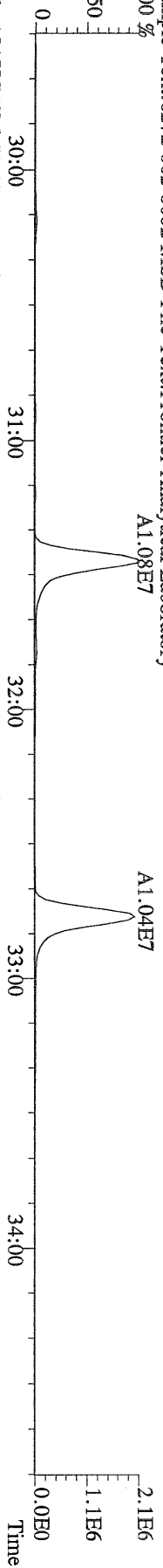
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:21 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



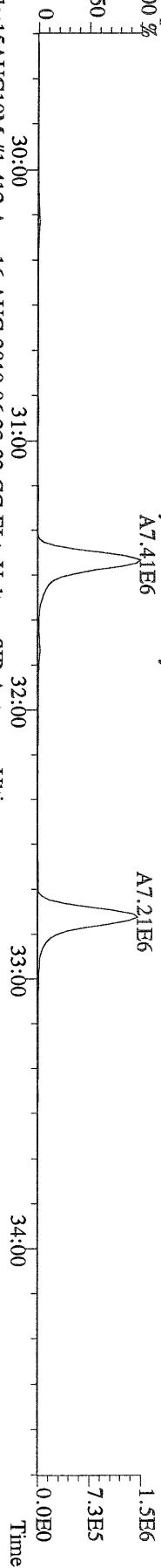
File:15AUG10M #1-357 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
 330.9792 S:21 Exp:PCDD
 Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



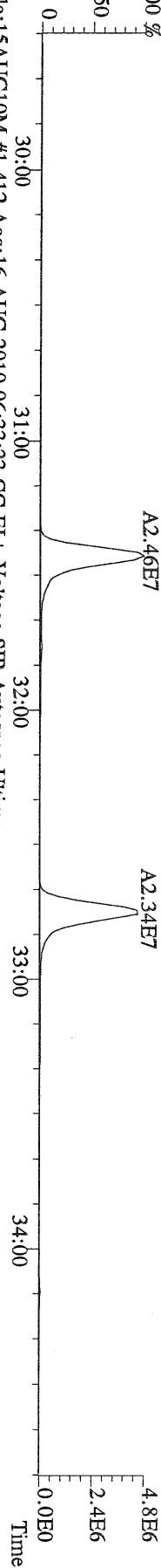
File:15AUG10M #1-412 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



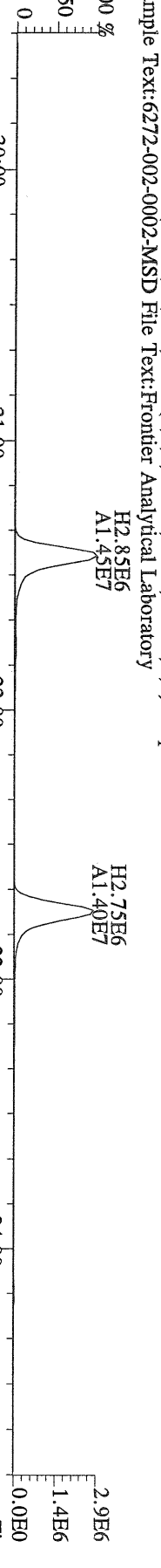
File:15AUG10M #1-412 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



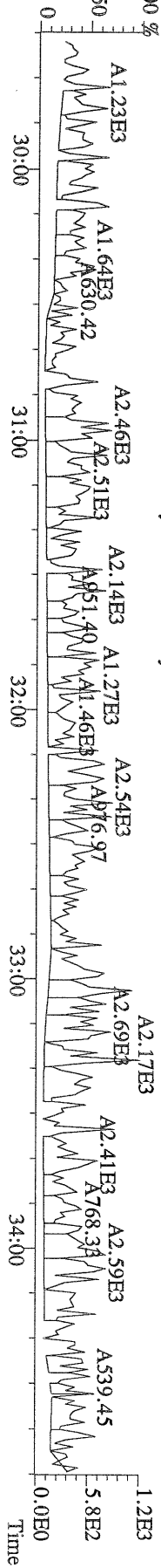
File:15AUG10M #1-412 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



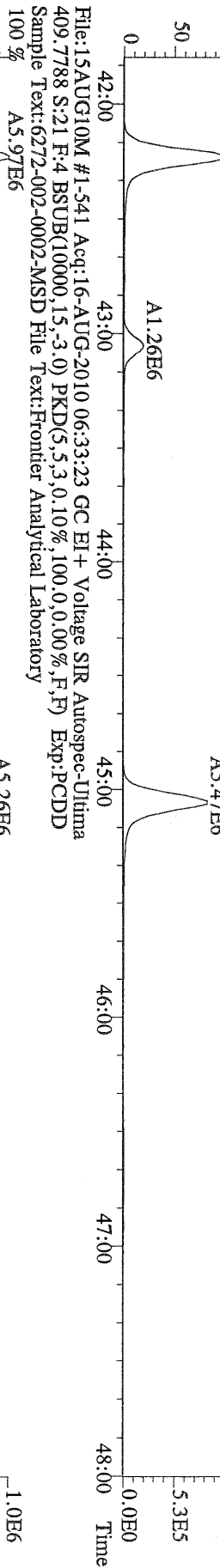
File:15AUG10M #1-412 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



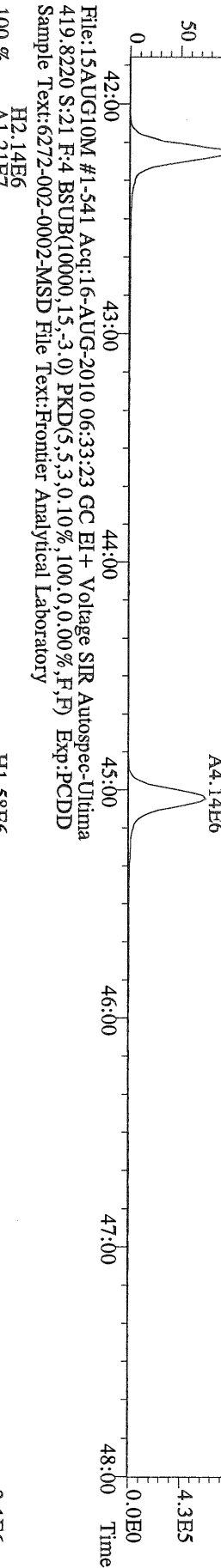
File:15AUG10M #1-412 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:21 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



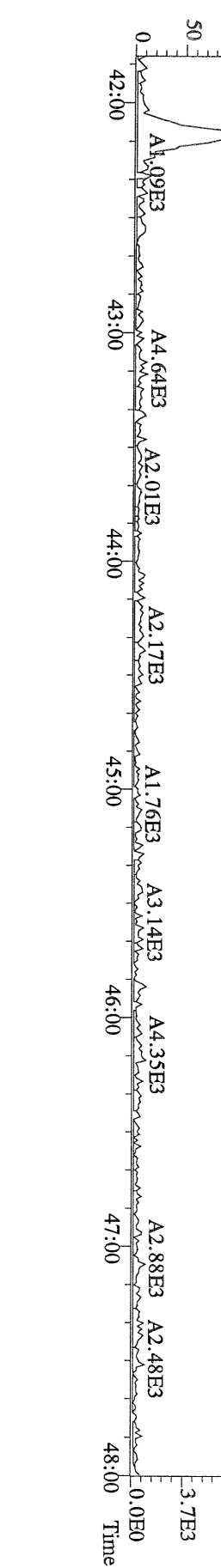
File:15AUG10M #1-541 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:21 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory
100 % A6.20E6



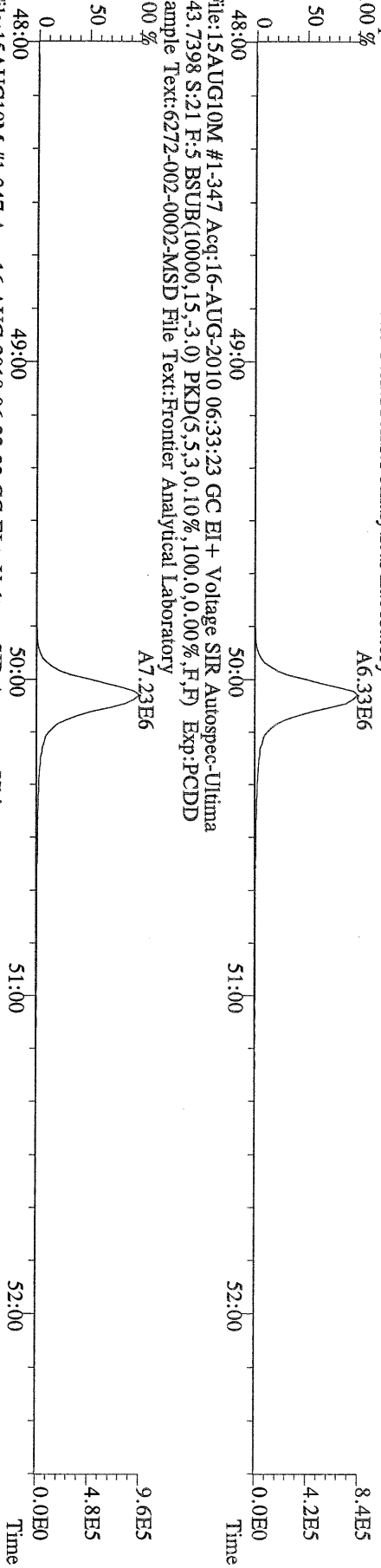
File:15AUG10M #1-541 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:21 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory
100 % A4.90E6



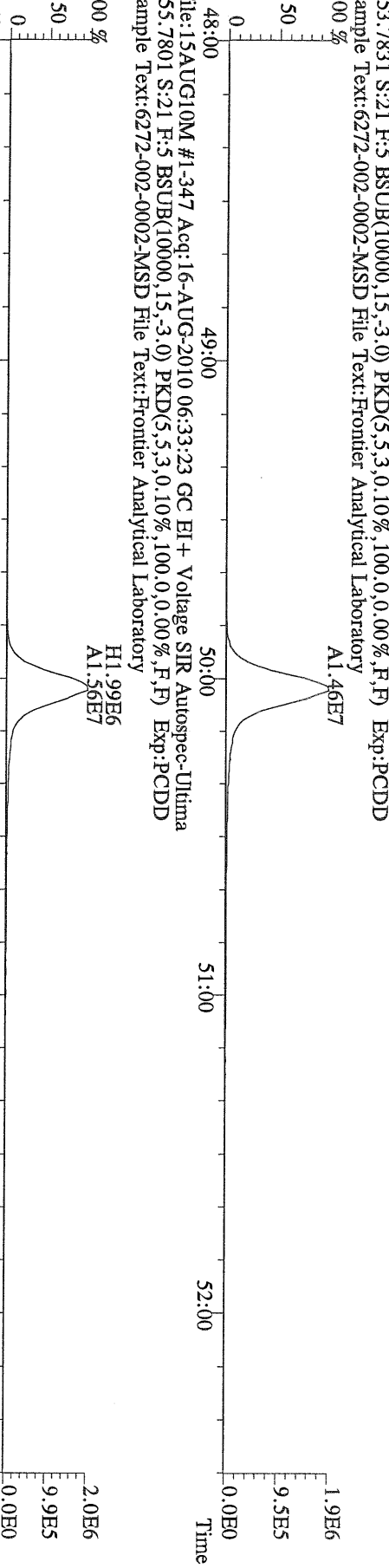
File:15AUG10M #1-541 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:21 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory
100 % A4.70E4



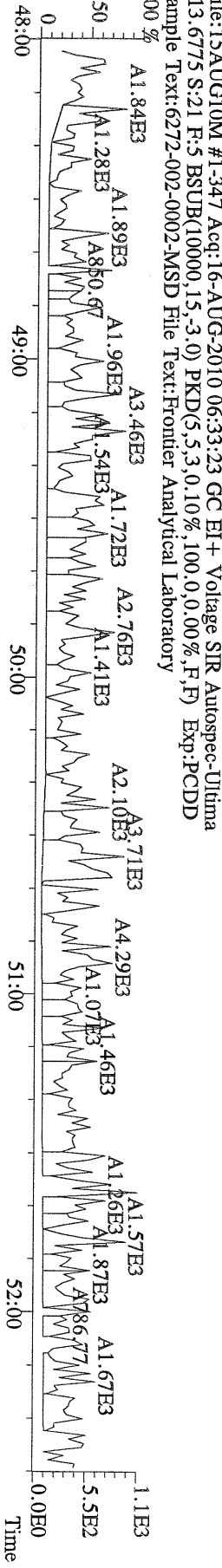
File:15AUG10M #1-347 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
 441.7428 S:21 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) F,F) Exp:PCDD
 Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



File:15AUG10M #1-347 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
 453.7831 S:21 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) F,F) Exp:PCDD
 Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



File:15AUG10M #1-347 Acq:16-AUG-2010 06:33:23 GC EI+ Voltage SIR Autospec-Ultima
 513.6775 S:21 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) F,F) Exp:PCDD
 Sample Text:6272-002-0002-MSD File Text:Frontier Analytical Laboratory



Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 22

File: 15AUG10M

S: 17 I: 1 F: 1

Acquired: 16-AUG-10 02:51:55

Total Concentration: 22.3

Unnamed Concentration: 22.293

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:23	1.34e+05	1.84e+05	0.73 y	3.18e+05	9.17	
24:39	8.47e+04	1.14e+05	0.74 y	1.99e+05	5.73	
25:45	2.37e+04	2.93e+04	0.81 y	5.29e+04	1.52	
25:56	2.17e+04	2.84e+04	0.77 y	5.01e+04	1.44	
26:26	8.64e+03	1.08e+04	0.80 y	1.94e+04	0.559	
26:47	1.56e+04	2.16e+04	0.72 y	3.72e+04	1.07	
27:07	4.20e+04	5.50e+04	0.76 y	9.70e+04	2.79	

Totals class: Total Penta-Dioxins

Entry #: 39

Run: 22 File: 15AUG10M
Acquired: 16-AUG-10 02:51:55

S: 17 I: 1 F: 2

Total Concentration: 32.2

Unnamed Concentration: 30.837

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:13	1.63e+05	9.81e+04	1.66 y	2.61e+05	8.74	
30:49	1.53e+04	9.80e+03	1.56 y	2.51e+04	0.841	
31:27	1.48e+05	9.14e+04	1.63 y	2.40e+05	8.03	
31:40	2.86e+04	1.89e+04	1.52 y	4.74e+04	1.59	
31:48	1.34e+05	8.35e+04	1.61 y	2.18e+05	7.29	
32:05	3.36e+04	2.43e+04	1.38 y	5.78e+04	1.94	
32:33	4.62e+04	2.62e+04	1.76 y	7.23e+04	2.42	
33:12	2.59e+04	1.62e+04	1.60 y	4.22e+04	1.41	1,2,3,7,8-PeCDD

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 22

File: 15AUG10M

S: 17 I: 1 F: 3

Acquired: 16-AUG-10 02:51:55

Total Concentration: 81.3

Unnamed Concentration: 65.975

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:06	2.24e+05	1.57e+05	1.43 y	3.82e+05	15.8	
37:01	3.04e+05	2.14e+05	1.42 y	5.18e+05	21.4	
37:27	3.65e+05	2.61e+05	1.40 y	6.26e+05	25.9	
37:38	2.00e+04	1.53e+04	1.31 y	3.53e+04	1.46	
38:33	3.83e+04	2.76e+04	1.38 y	6.59e+04	2.63	1,2,3,4,7,8-HxCDD
38:43	9.85e+04	7.26e+04	1.36 y	1.71e+05	7.20	1,2,3,6,7,8-HxCDD
39:01	1.95e+04	1.40e+04	1.39 y	3.35e+04	1.39	
39:10	7.54e+04	5.39e+04	1.40 y	1.29e+05	5.47	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 22 File: 15AUG10M
Acquired: 16-AUG-10 02:51:55

S: 17 I: 1 F: 4

Total Concentration: 357

Unnamed Concentration: 176.249

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:46	1.80e+06	1.77e+06	1.02 y	3.56e+06	176	
44:09	1.84e+06	1.82e+06	1.01 y	3.66e+06	181	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 22 File: 15AUG10M S: 17 I: 1 F: 1
Acquired: 16-AUG-10 02:51:55

Total Concentration: 18.2

Unnamed Concentration: 17.319

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:24	2.08e+04	2.51e+04	0.83 y	4.59e+04	0.568	
23:47	1.18e+05	1.68e+05	0.70 y	2.86e+05	3.53	
24:10	5.41e+04	7.50e+04	0.72 y	1.29e+05	1.60	
24:25	5.12e+04	6.70e+04	0.77 y	1.18e+05	1.46	
24:43	6.52e+04	8.76e+04	0.74 y	1.53e+05	1.89	
24:57	1.46e+04	1.94e+04	0.75 y	3.39e+04	0.420	
25:18	2.51e+04	3.49e+04	0.72 y	5.99e+04	0.741	
25:25	6.23e+04	9.16e+04	0.68 y	1.54e+05	1.90	
25:31	3.21e+04	4.56e+04	0.70 y	7.78e+04	0.962	
25:53	2.62e+04	3.43e+04	0.76 y	6.06e+04	0.749	
26:07	1.67e+04	2.45e+04	0.68 y	4.11e+04	0.509	
26:17	1.24e+04	1.75e+04	0.71 y	2.99e+04	0.370	
26:32	2.22e+04	3.36e+04	0.66 y	5.58e+04	0.690	
26:38	2.84e+04	3.97e+04	0.71 y	6.81e+04	0.842	2,3,7,8-TCDF
26:57	3.48e+04	5.22e+04	0.67 y	8.70e+04	1.08	
27:50	1.33e+04	1.57e+04	0.85 y	2.91e+04	0.360	
28:26	1.81e+04	2.16e+04	0.84 y	3.97e+04	0.491	

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

Run: 22 File: 15AUG10M S: 17 I: 1 F: 1
Acquired: 16-AUG-10 02:51:55

Total Concentration: 13.6 Unnamed Concentration: 13.602

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:25	3.28e+05	2.04e+05	1.61 y	5.32e+05	13.6	

Totals class: Total Penta-Furans

Entry #: 44

Run: 22 File: 15AUG10M
Acquired: 16-AUG-10 02:51:55

S: 17 I: 1 F: 2

Total Concentration: 17.0

Unnamed Concentration: 15.404

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:02	2.75e+04	1.78e+04	1.55 y	4.53e+04	1.16	
30:12	1.75e+05	1.29e+05	1.36 y	3.05e+05	7.78	
30:54	7.19e+04	5.07e+04	1.42 y	1.23e+05	3.13	
31:28	1.43e+04	1.03e+04	1.38 y	2.46e+04	0.616	1,2,3,7,8-PeCDF
31:47	3.31e+04	2.42e+04	1.37 y	5.73e+04	1.47	
32:38	1.53e+04	1.07e+04	1.43 y	2.59e+04	0.663	
32:48	2.30e+04	1.49e+04	1.54 y	3.79e+04	0.990	2,3,4,7,8-PeCDF
32:49	2.73e+04	1.97e+04	1.38 y	4.70e+04	1.20	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 22 File: 15AUG10M S: 17 I: 1 F: 3
Acquired: 16-AUG-10 02:51:55

Total Concentration: 52.8

Unnamed Concentration: 46.948

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:13	9.58e+04	7.75e+04	1.24 y	1.73e+05	5.33	
35:28	3.86e+05	3.13e+05	1.23 y	7.00e+05	21.5	
36:23	3.62e+05	2.91e+05	1.25 y	6.53e+05	20.1	
37:10	3.34e+04	2.64e+04	1.27 y	5.98e+04	1.76	1,2,3,4,7,8-HxCDF
37:21	3.44e+04	2.47e+04	1.39 y	5.91e+04	1.61	1,2,3,6,7,8-HxCDF
38:18	4.29e+04	3.41e+04	1.26 y	7.69e+04	2.47	2,3,4,6,7,8-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 22

File: 15AUG10M

S: 17 I: 1 F: 4

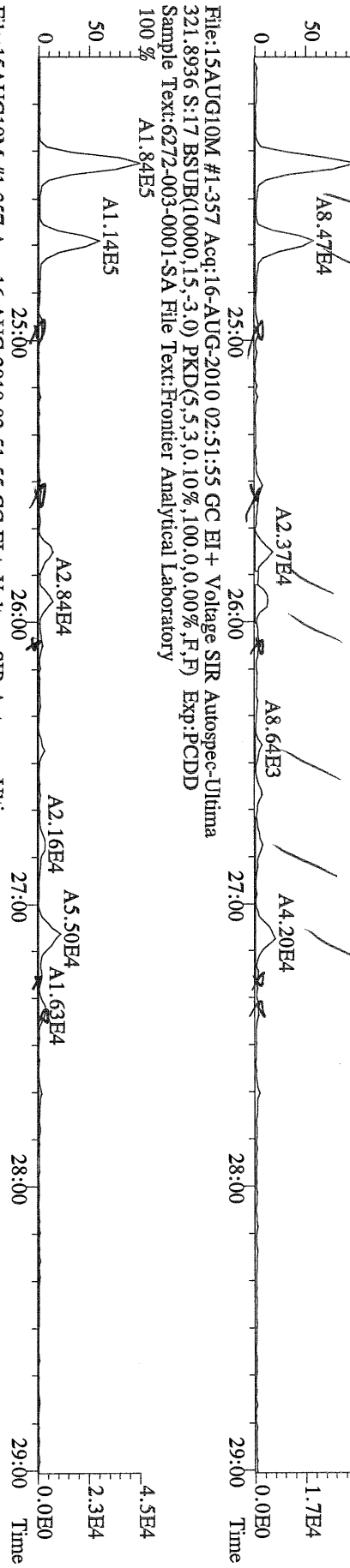
Acquired: 16-AUG-10 02:51:55

Total Concentration: 127

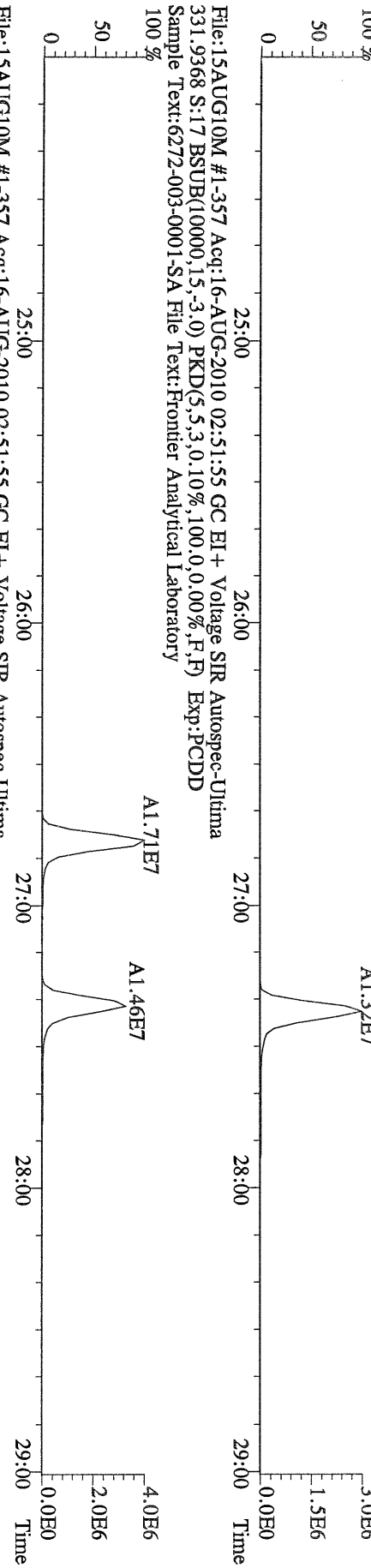
Unnamed Concentration: 77.357

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:14	6.46e+05	5.99e+05	1.08 y	1.24e+06	47.5	1,2,3,4,6,7,8-HpCDF
42:47	1.96e+04	2.07e+04	0.95 y	4.03e+04	1.60	
43:04	9.57e+05	9.47e+05	1.01 y	1.90e+06	75.8	
45:02	2.29e+04	2.15e+04	1.07 y	4.44e+04	1.84	1,2,3,4,7,8,9-HpCDF

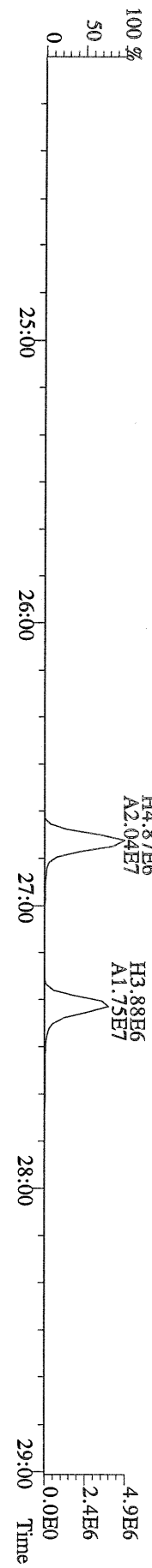
File:15AUG10M #1-357 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:17 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



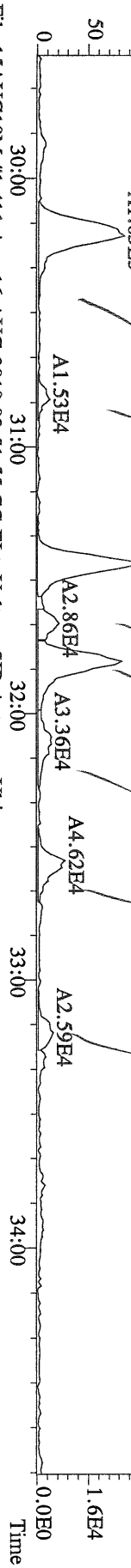
File:15AUG10M #1-357 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:17 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



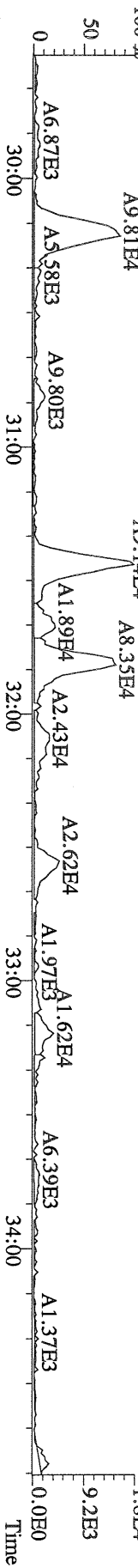
File:15AUG10M #1-357 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:17 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



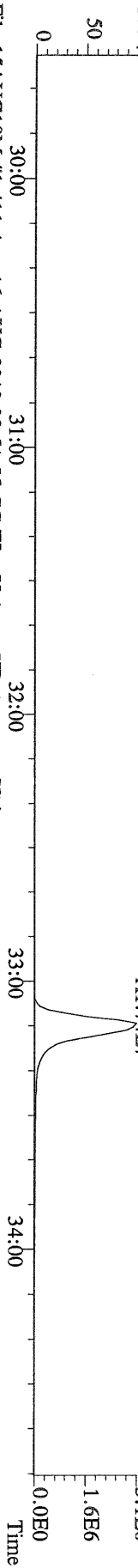
File:15AUG10M #1-411 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 355.8546 S:17 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



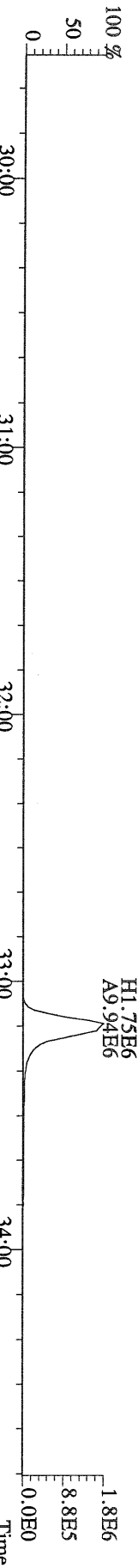
File:15AUG10M #1-411 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 357.8517 S:17 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



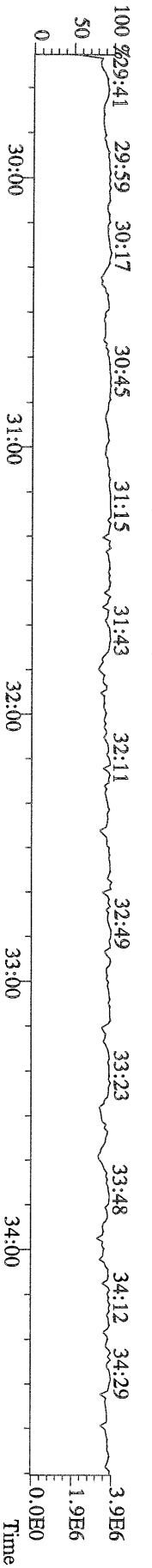
File:15AUG10M #1-411 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 367.8949 S:17 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



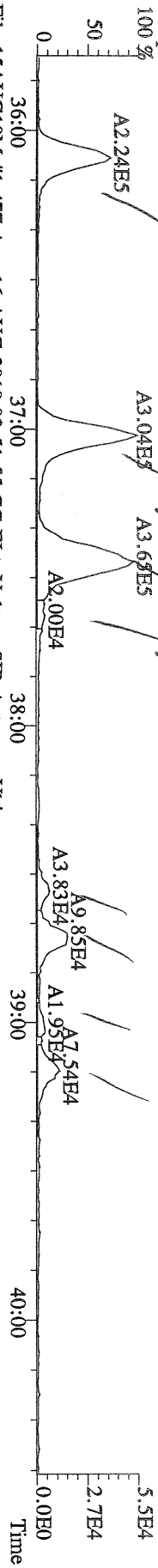
File:15AUG10M #1-411 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 369.8919 S:17 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



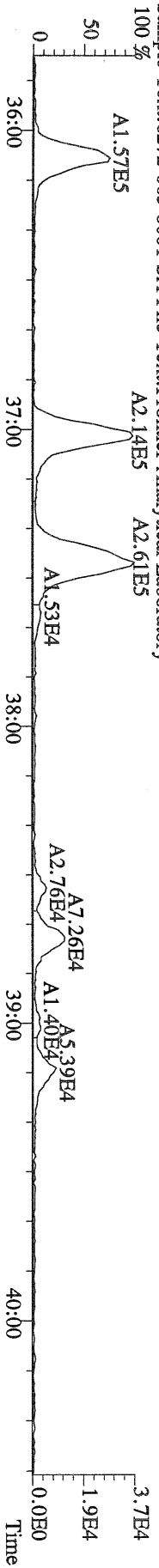
File:15AUG10M #1-411 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 366.9792 S:17 F:2 Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



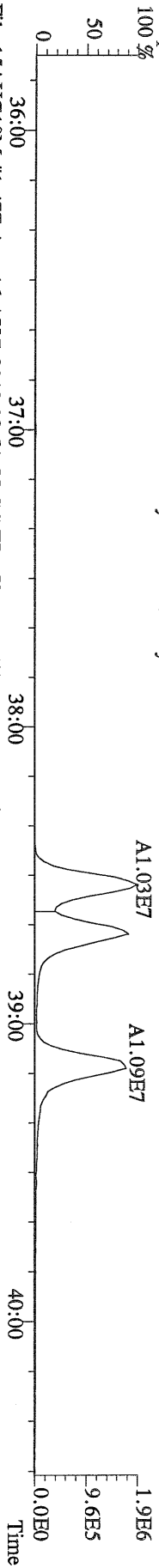
File:15AUG10M #1-477 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:17 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



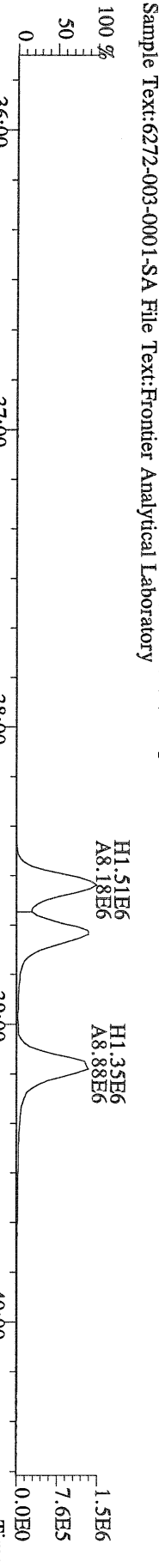
File:15AUG10M #1-477 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:17 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



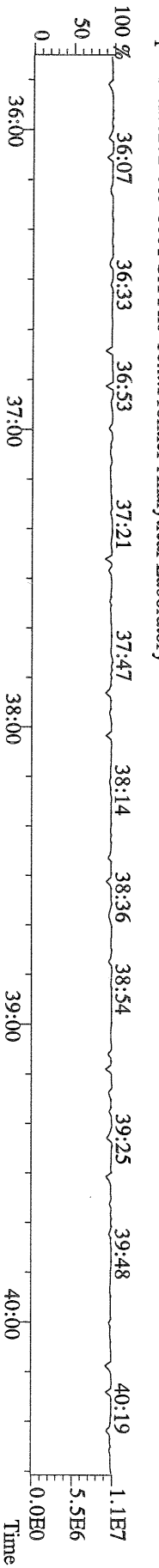
File:15AUG10M #1-477 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:17 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



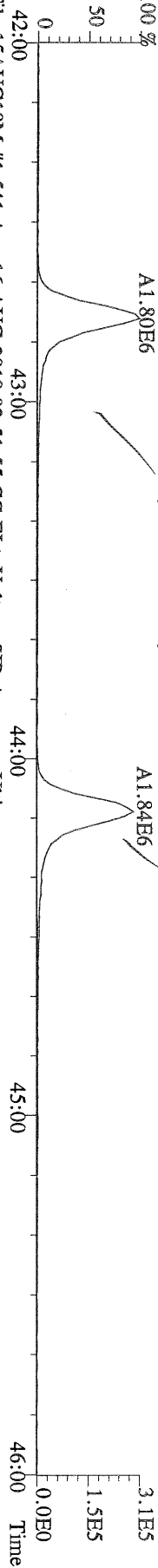
File:15AUG10M #1-477 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:17 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



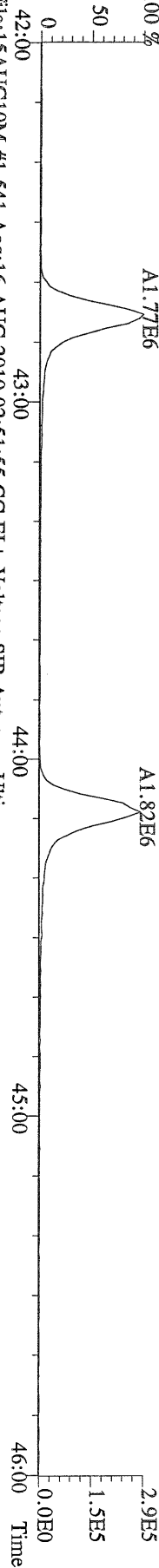
File:15AUG10M #1-477 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:17 F:3 Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



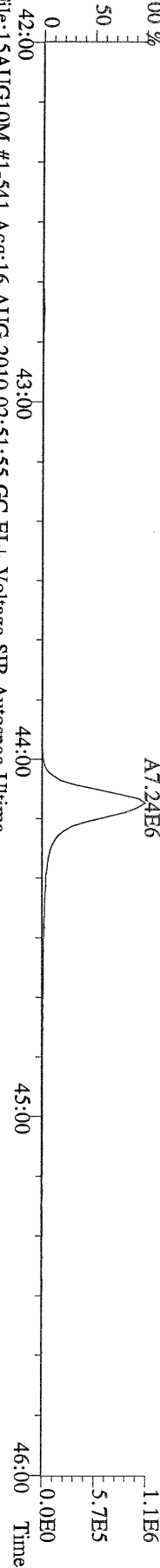
File:15AUG10M #1-541 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:17 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



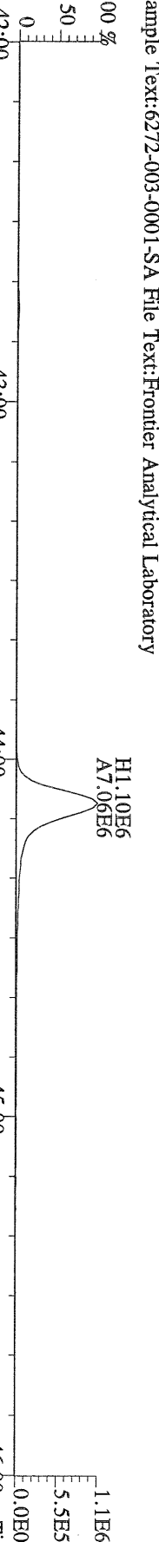
File:15AUG10M #1-541 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:17 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



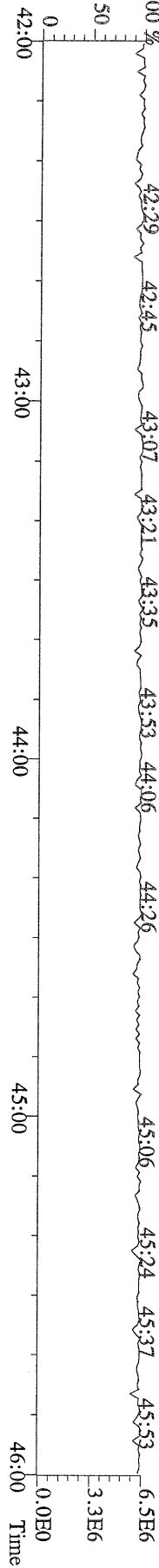
File:15AUG10M #1-541 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:17 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



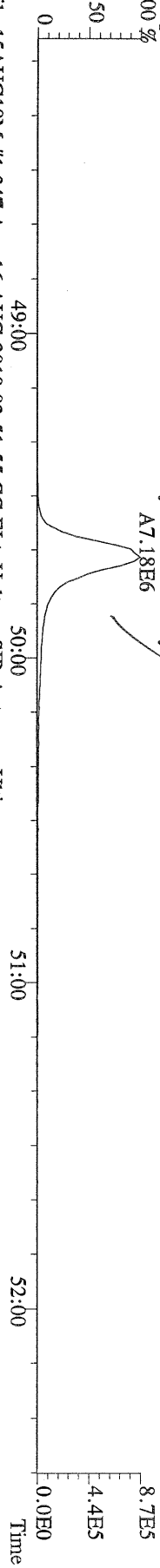
File:15AUG10M #1-541 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:17 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



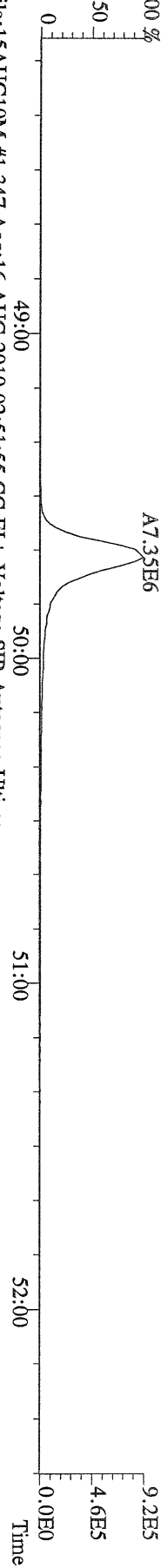
File:15AUG10M #1-541 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:17 F:4 Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



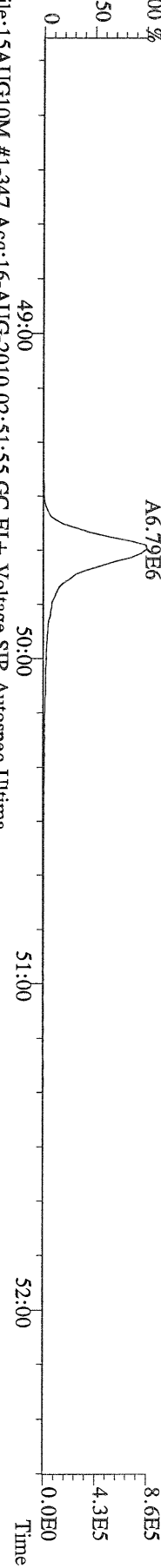
File:15AUG10M #1-347 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:17 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



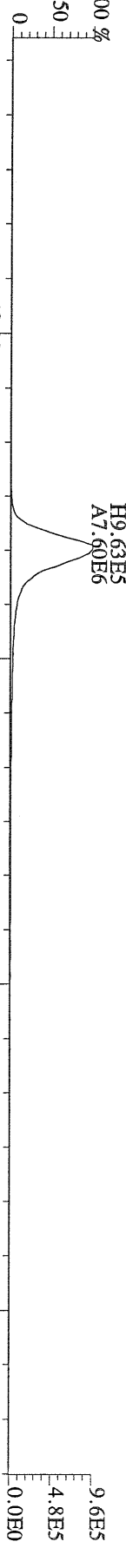
File:15AUG10M #1-347 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:17 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



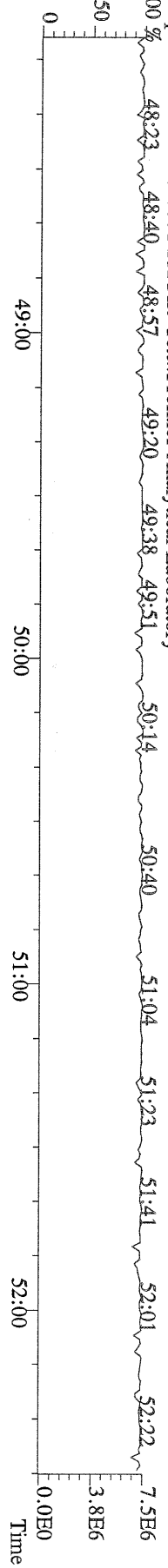
File:15AUG10M #1-347 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:17 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



File:15AUG10M #1-347 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:17 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



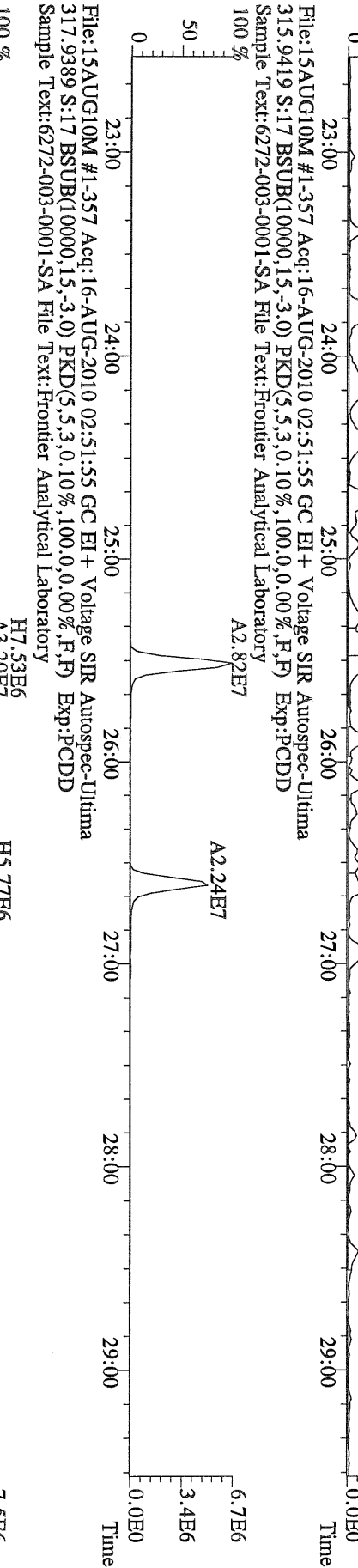
File:15AUG10M #1-347 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:17 F:5 Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



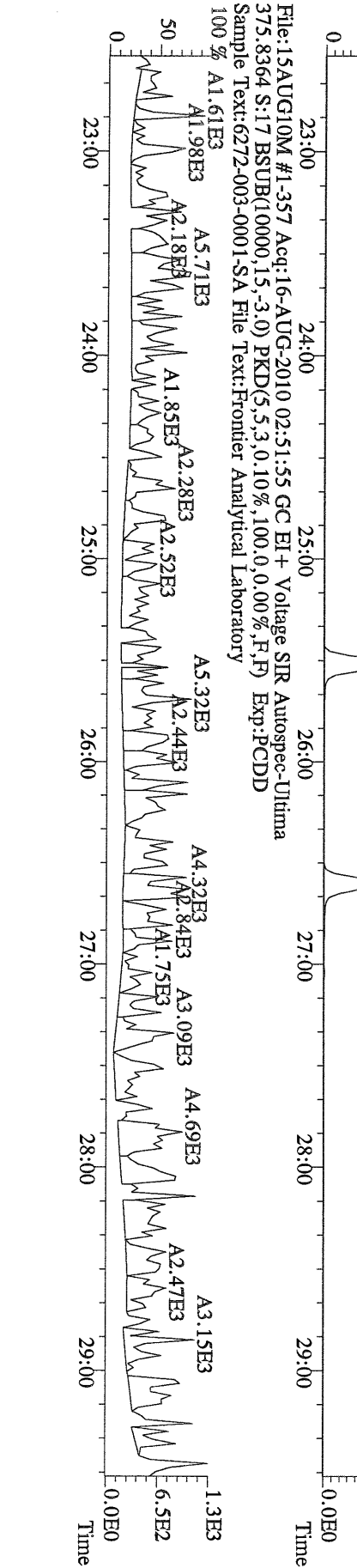
File:15AUG10M #1-357 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:17 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



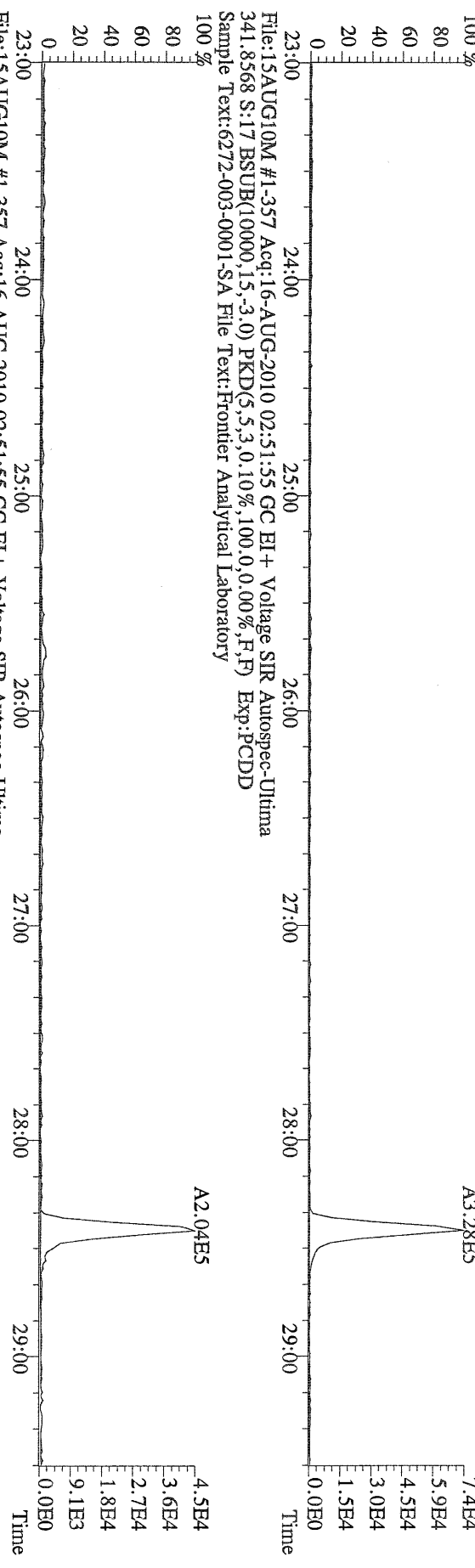
File:15AUG10M #1-357 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 S:17 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



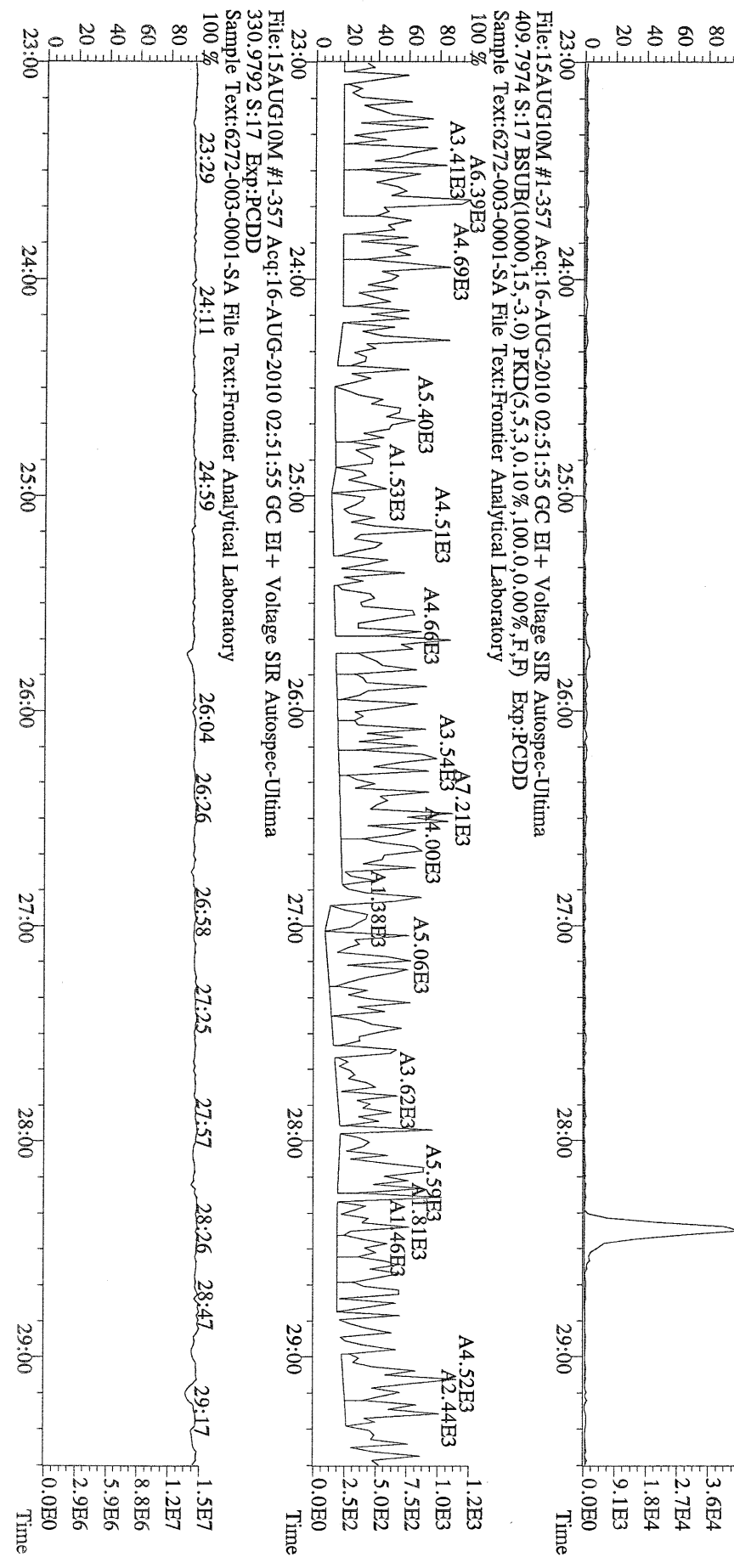
File:15AUG10M #1-357 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 S:17 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



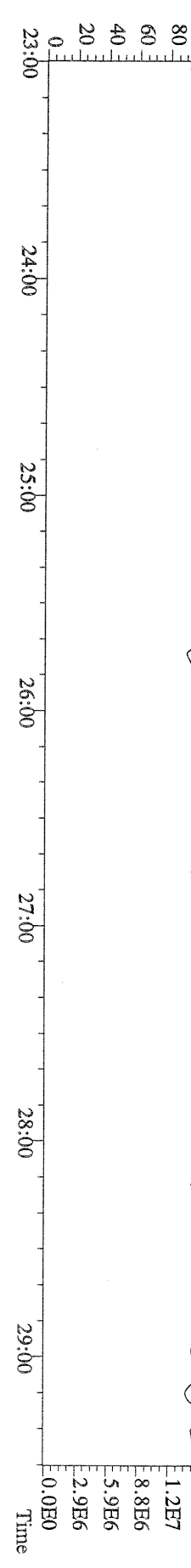
File:15AUG10M #1-357 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:17 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp.:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



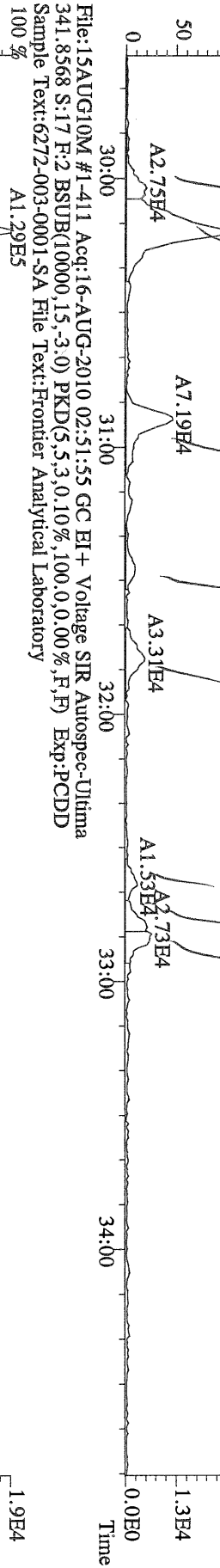
File:15AUG10M #1-357 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:17 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp.:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



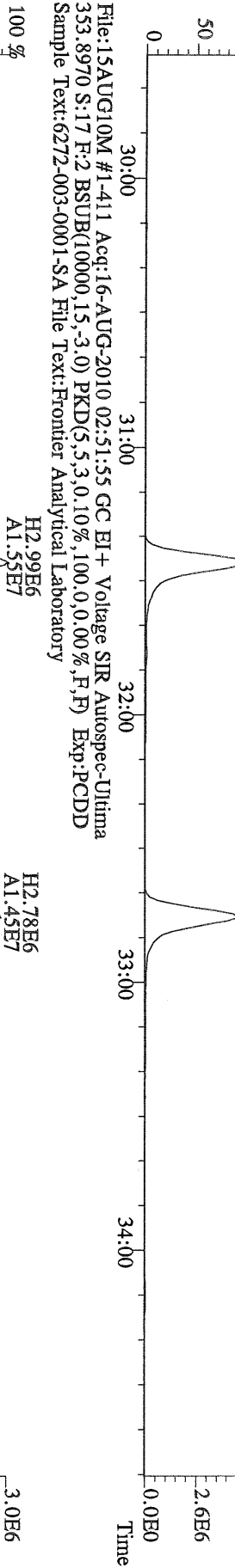
File:15AUG10M #1-357 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 330.9792 S:17 Exp.:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



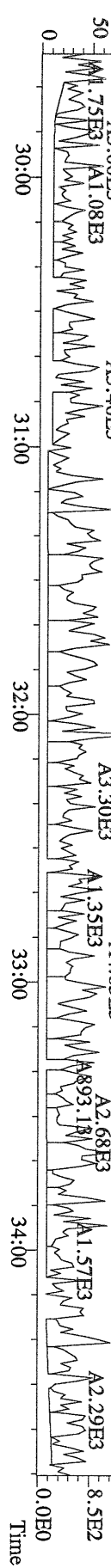
File:15AUG10M #1-411 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:17 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



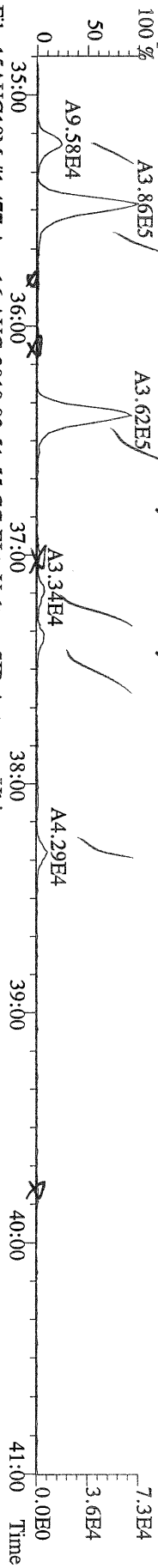
File:15AUG10M #1-411 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 S:17 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



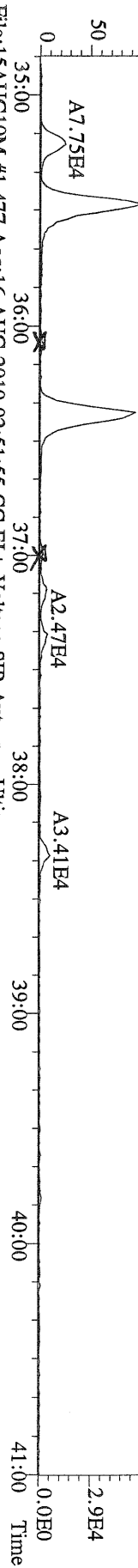
File:15AUG10M #1-411 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:17 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



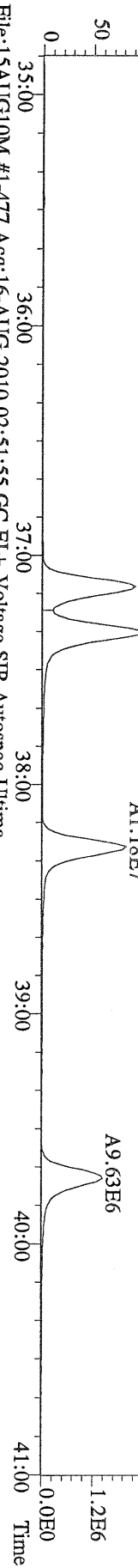
File:15AUG10M #1-477 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:17 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



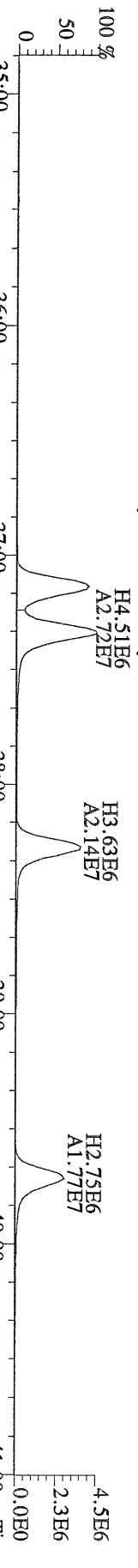
File:15AUG10M #1-477 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:17 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



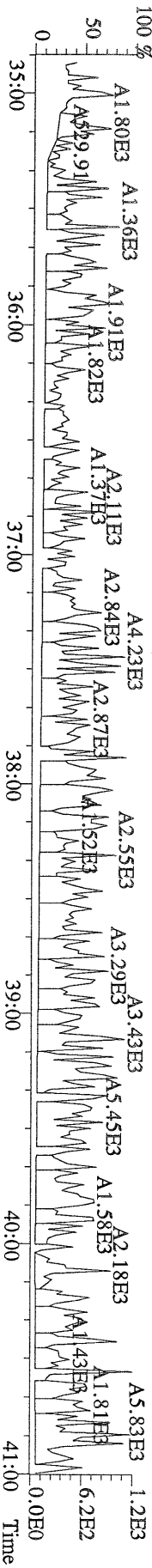
File:15AUG10M #1-477 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:17 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



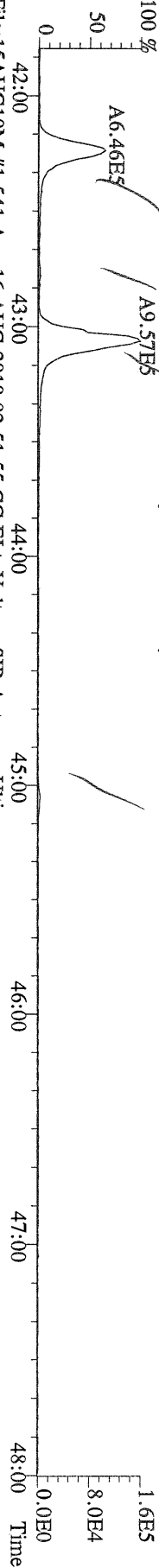
File:15AUG10M #1-477 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:17 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



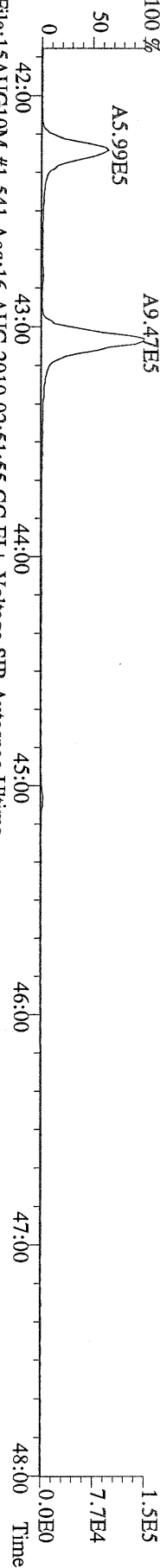
File:15AUG10M #1-477 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:17 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



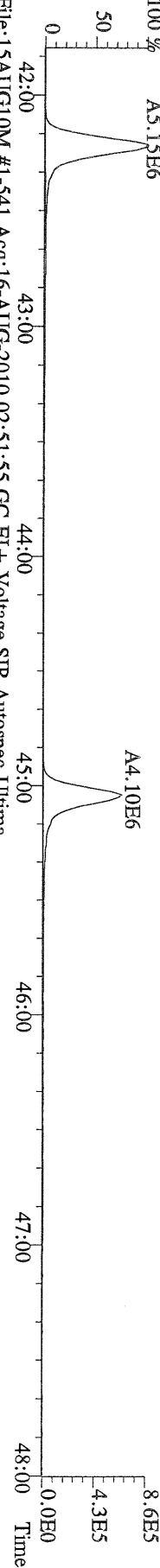
File:15AUG10M #1-541 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 407.7818 S:17 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



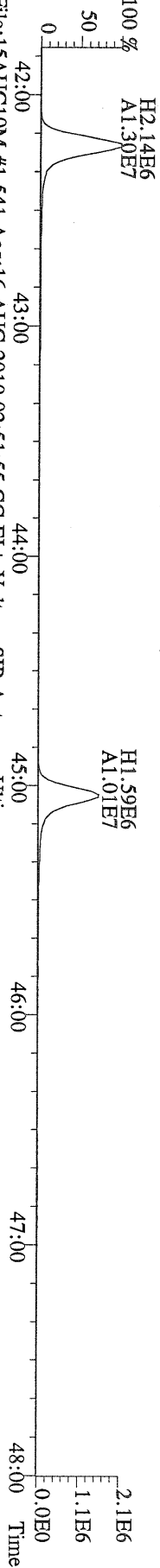
File:15AUG10M #1-541 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 409.7788 S:17 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



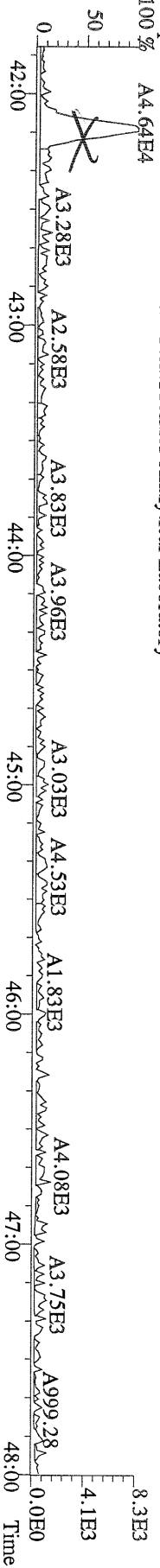
File:15AUG10M #1-541 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 417.8253 S:17 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



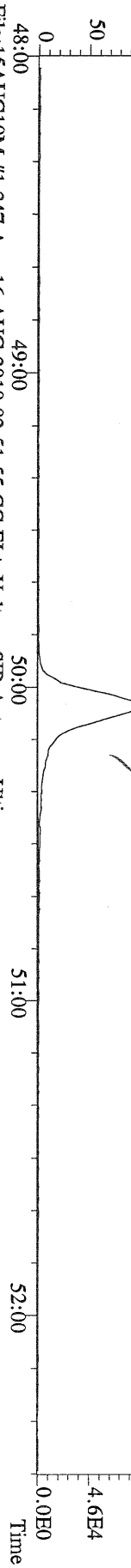
File:15AUG10M #1-541 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 419.8220 S:17 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



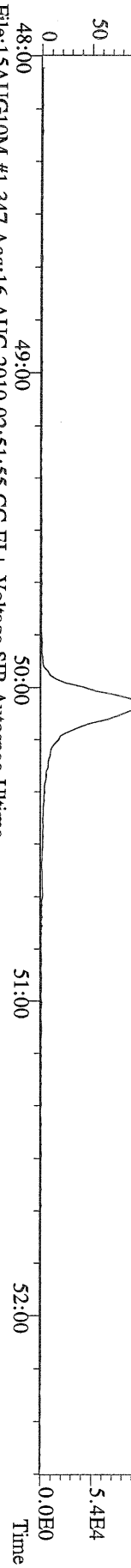
File:15AUG10M #1-541 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 479.7165 S:17 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



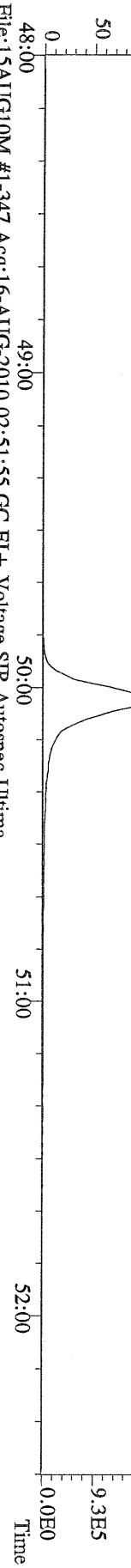
File:15AUG10M #1-347 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 441.7428 S:17 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



File:15AUG10M #1-347 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 443.7398 S:17 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



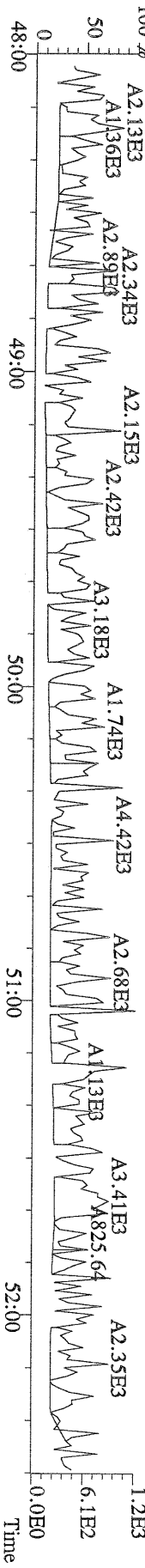
File:15AUG10M #1-347 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 453.7831 S:17 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



File:15AUG10M #1-347 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 455.7801 S:17 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



File:15AUG10M #1-347 Acq:16-AUG-2010 02:51:55 GC EI+ Voltage SIR Autospec-Ultima
 513.6775 S:17 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-003-0001-SA File Text:Frontier Analytical Laboratory



FAL ID: 6272-004-0001-SA Filename: 15AUG10M Sam:15 Acquired: 16-AUG-10 01:01:14 ICal: PCDDFAL3-5-12-10
 Client ID: PSB2-1.5-2-072910 ConCal: ST081510M2 EndCal: ST081510M3
 Results: 6272 GC Column: DB5 Amount: 2.090 NATO 1989 Tox: 23.3

WHO 1998 Tox: 21.2 WHO 2005 Tox: 21.5
 WHO 1998 Tox: 21.2 WHO 2005 Tox: 21.5

Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	Rec	#Hom
2,3,7,8-TCDD	4.98e+04	0.68 y	27:22	1.04	1.12	J	2.50	-	-	*	
1,2,3,7,8-PeCDD	1.64e+05	1.68 y	33:12	1.05	4.15	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDD	2.94e+05	1.41 y	38:33	1.30	8.99	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDD	6.67e+05	1.42 y	38:43	1.28	20.7		2.50	-	-	*	
1,2,3,7,8,9-HxCDD	5.44e+05	1.38 y	39:09	1.25	17.3		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	1.48e+07	1.03 y	44:08	1.35	535		2.50	-	-	*	
OCDD	5.81e+07	0.96 y	49:41	1.25	4290		2.50	-	-	*	
2,3,7,8-TCDF	2.32e+05	0.75 y	26:37	1.62	2.24	J	2.50	-	-	*	
1,2,3,7,8-PeCDF	7.83e+04	1.48 y	31:28	0.92	1.53	J	2.50	-	-	*	
2,3,4,7,8-PeCDF	1.50e+05	1.34 y	32:48	0.94	2.99	J	2.50	-	-	*	
1,2,3,4,7,8-HxCDF	2.98e+05	1.20 y	37:09	0.93	6.62	J	2.50	-	-	*	
1,2,3,6,7,8-HxCDF	2.77e+05	1.38 y	37:22	0.84	5.80	J	2.50	-	-	*	
2,3,4,6,7,8-HxCDF	3.64e+05	1.31 y	38:18	0.90	8.63	J	2.50	-	-	*	
1,2,3,7,8,9-HxCDF	5.12e+04	1.11 y	39:47	0.98	1.34	J	2.50	-	-	*	
1,2,3,4,6,7,8-HpCDF	4.83e+06	1.03 y	42:15	1.38	139		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	1.40e+05	1.06 y	45:03	1.62	4.04	J	2.50	-	-	*	
OCDF	5.51e+06	0.85 y	50:04	0.74	337		2.50	-	-	*	
13C-2,3,7,8-TCDD	4.10e+07	0.82 y	27:21	0.93	909					95.0	
13C-1,2,3,7,8-PeCDD	3.61e+07	1.74 y	33:10	0.81	919					96.1	
13C-1,2,3,4,7,8-HxCDD	2.41e+07	1.25 y	38:32	0.95	935					97.7	
13C-1,2,3,6,7,8-HxCDD	2.41e+07	1.26 y	38:41	1.00	889					93.0	
13C-1,2,3,4,6,7,8-HpCDD	1.96e+07	1.04 y	44:07	0.92	781					81.7	
13C-OCDD	2.07e+07	0.86 y	49:41	0.63	1200					62.8	
13C-2,3,7,8-TCDF	6.12e+07	0.86 y	26:36	0.87	916					95.7	
13C-1,2,3,7,8-PeCDF	5.34e+07	1.72 y	31:26	0.81	861					89.9	
13C-2,3,4,7,8-PeCDF	5.08e+07	1.71 y	32:45	0.75	878					91.8	
13C-1,2,3,4,7,8-HxCDF	4.63e+07	0.53 y	37:08	1.74	977					102	
13C-1,2,3,6,7,8-HxCDF	5.46e+07	0.52 y	37:20	2.17	924					96.5	
13C-2,3,4,6,7,8-HxCDF	4.50e+07	0.54 y	38:17	1.82	909					95.0	
13C-1,2,3,7,8,9-HxCDF	3.71e+07	0.54 y	39:43	1.49	915					95.7	
13C-1,2,3,4,6,7,8-HpCDF	2.41e+07	0.40 y	42:13	1.10	807					84.3	
13C-1,2,3,4,7,8,9-HpCDF	2.04e+07	0.41 y	45:03	0.81	918					95.9	
13C-OCDF	4.23e+07	0.94 y	50:02	1.19	1310					68.3	
37Cl-2,3,7,8-TCDD	1.62e+07		27:22	0.93	358					93.5	
13C-1,2,3,4-TCDD	4.65e+07	0.84 y	26:47	-	65.6						
13C-1,2,3,4-TCDF	7.37e+07	0.87 y	25:31	-	66.1						
13C-1,2,3,7,8,9-HxCDD	2.61e+07	1.24 y	39:08	-	57.9						
Total Tetra-Dioxins	1.04e+06		24:22	1.04	23.4		2.50	-	-	*	14
Total Penta-Dioxins	1.84e+06		30:12	1.05	46.6		2.50	-	-	*	10
Total Hexa-Dioxins	6.69e+06		36:05	1.27	208		2.50	-	-	*	8
Total Hepta-Dioxins	3.06e+07		42:46	1.35	1100		2.50	-	-	*	2
Total Tetra-Furans	5.34e+06		23:02	1.62	51.6		2.50	-	-	*	20
1st Fn. Tot Penta-Furans	2.89e+06		28:24	0.93	57.1		2.50	-	-	*	PeCDF 1
Total Penta-Furans	2.98e+06		30:02	0.93	58.8		2.50	-	-	*	116 9
Total Hexa-Furans	7.54e+06		35:12	0.90	174		2.50	-	-	*	9
Total Hepta-Furans	1.13e+07		42:15	1.48	325		2.50	-	-	*	4

Analyst: J

Date: 8/16/10

Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 20

File: 15AUG10M

S: 15 I: 1 F: 1

Acquired: 16-AUG-10 01:01:14

Total Concentration: 23.4

Unnamed Concentration: 22.323

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:22	1.18e+05	1.60e+05	0.73 y	2.77e+05	6.26	
24:40	7.95e+04	1.08e+05	0.74 y	1.88e+05	4.23	
24:57	1.80e+04	2.66e+04	0.68 y	4.45e+04	1.00	
25:35	7.90e+03	1.07e+04	0.74 y	1.86e+04	0.420	
25:46	3.67e+04	4.94e+04	0.74 y	8.61e+04	1.94	
25:56	4.01e+04	5.34e+04	0.75 y	9.35e+04	2.11	
26:04	2.01e+04	2.57e+04	0.78 y	4.59e+04	1.03	
26:17	9.16e+03	1.17e+04	0.78 y	2.09e+04	0.470	
26:27	1.90e+04	2.33e+04	0.81 y	4.23e+04	0.954	
26:47	2.47e+04	3.39e+04	0.73 y	5.85e+04	1.32	
27:06	2.70e+04	3.41e+04	0.79 y	6.12e+04	1.38	
27:14	7.41e+03	1.04e+04	0.71 y	1.78e+04	0.402	
27:22	2.01e+04	2.97e+04	0.68 y	4.98e+04	1.12	2,3,7,8-TCDD
27:41	1.59e+04	1.93e+04	0.82 y	3.52e+04	0.793	

Totals class: Total Penta-Dioxins

Entry #: 39

Run: 20

File: 15AUG10M

S: 15 I: 1 F: 2

Acquired: 16-AUG-10 01:01:14

Total Concentration: 46.6

Unnamed Concentration: 42.447

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:12	2.97e+05	1.90e+05	1.57 y	4.87e+05	12.3	
30:49	6.04e+04	4.04e+04	1.49 y	1.01e+05	2.55	
31:26	1.42e+05	8.30e+04	1.72 y	2.25e+05	5.70	
31:40	1.34e+05	8.82e+04	1.52 y	2.22e+05	5.63	
31:48	1.40e+05	8.69e+04	1.61 y	2.27e+05	5.74	
32:05	1.30e+05	7.88e+04	1.66 y	2.09e+05	5.30	
32:33	5.28e+04	3.08e+04	1.71 y	8.36e+04	2.12	
33:12	1.03e+05	6.11e+04	1.68 y	1.64e+05	4.15	1,2,3,7,8-PeCDD
33:18	3.90e+04	2.64e+04	1.48 y	6.54e+04	1.66	
33:46	3.51e+04	2.12e+04	1.65 y	5.63e+04	1.43	

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 20

File: 15AUG10M

S: 15 I: 1 F: 3

Acquired: 16-AUG-10 01:01:14

Total Concentration: 208

Unnamed Concentration: 161.148

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:05	9.80e+05	6.97e+05	1.41 y	1.68e+06	52.2	
37:01	3.35e+05	2.45e+05	1.37 y	5.80e+05	18.0	
37:27	1.52e+06	1.07e+06	1.41 y	2.59e+06	80.6	
37:36	1.03e+05	8.26e+04	1.24 y	1.85e+05	5.76	
38:33	1.72e+05	1.22e+05	1.41 y	2.94e+05	8.99	1,2,3,4,7,8-HxCDD
38:43	3.92e+05	2.75e+05	1.42 y	6.67e+05	20.7	1,2,3,6,7,8-HxCDD
39:01	8.54e+04	6.35e+04	1.34 y	1.49e+05	4.63	
39:09	3.15e+05	2.29e+05	1.38 y	5.44e+05	17.3	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 20

File: 15AUG10M

S: 15 I: 1 F: 4

Acquired: 16-AUG-10 01:01:14

Total Concentration: 1100

Unnamed Concentration: 567.355

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:46	7.95e+06	7.81e+06	1.02 y	1.58e+07	567	
44:08	7.54e+06	7.31e+06	1.03 y	1.48e+07	535	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 20

File: 15AUG10M

S: 15 I: 1 F: 1

Acquired: 16-AUG-10 01:01:14

Total Concentration: 51.6

Unnamed Concentration: 49.389

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:02	2.33e+04	3.38e+04	0.69 y	5.72e+04	0.552	
23:23	7.48e+04	1.06e+05	0.71 y	1.80e+05	1.74	
23:47	4.16e+05	5.80e+05	0.72 y	9.96e+05	9.62	
24:10	1.70e+05	2.53e+05	0.67 y	4.23e+05	4.09	
24:24	1.92e+05	2.72e+05	0.71 y	4.65e+05	4.49	
24:42	2.63e+05	3.85e+05	0.68 y	6.48e+05	6.26	
24:56	5.43e+04	7.51e+04	0.72 y	1.29e+05	1.25	
25:19	9.45e+04	1.21e+05	0.78 y	2.16e+05	2.09	
25:24	2.51e+05	3.58e+05	0.70 y	6.09e+05	5.88	
25:31	7.98e+04	1.07e+05	0.74 y	1.87e+05	1.81	
25:54	8.28e+04	1.26e+05	0.66 y	2.09e+05	2.02	
26:08	5.08e+04	6.75e+04	0.75 y	1.18e+05	1.14	
26:16	3.28e+04	4.72e+04	0.69 y	8.00e+04	0.773	
26:27	3.96e+04	5.41e+04	0.73 y	9.37e+04	0.905	
26:31	3.61e+04	4.60e+04	0.78 y	8.21e+04	0.793	
26:37	9.97e+04	1.32e+05	0.75 y	2.32e+05	2.24	2,3,7,8-TCDF
26:56	1.30e+05	1.89e+05	0.69 y	3.19e+05	3.08	
27:50	2.70e+04	3.54e+04	0.76 y	6.24e+04	0.603	
28:03	2.38e+04	2.83e+04	0.84 y	5.20e+04	0.503	
28:26	7.41e+04	1.10e+05	0.67 y	1.84e+05	1.78	

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

Run: 20 File: 15AUG10M S: 15 I: 1 F: 1
Acquired: 16-AUG-10 01:01:14

Total Concentration: 57.1 Unnamed Concentration: 57.135

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:24	1.81e+06	1.09e+06	1.66 y	2.89e+06	57.1	

Totals class: Total Penta-Furans

Entry #: 44

Run: 20

File: 15AUG10M

S: 15 I: 1 F: 2

Acquired: 16-AUG-10 01:01:14

Total Concentration: 58.8

Unnamed Concentration: 54.245

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:02	1.08e+05	7.36e+04	1.47 y	1.82e+05	3.59	
30:12	8.17e+05	5.96e+05	1.37 y	1.41e+06	27.9	
30:53	3.09e+05	2.33e+05	1.33 y	5.42e+05	10.7	
31:13	3.43e+04	2.16e+04	1.59 y	5.59e+04	1.10	
31:28	4.68e+04	3.15e+04	1.48 y	7.83e+04	1.53	1,2,3,7,8-PeCDF
31:48	1.24e+05	9.27e+04	1.33 y	2.16e+05	4.27	
32:37	3.74e+04	2.68e+04	1.40 y	6.42e+04	1.27	
32:48	8.59e+04	6.41e+04	1.34 y	1.50e+05	2.99	2,3,4,7,8-PeCDF
32:50	1.58e+05	1.16e+05	1.37 y	2.74e+05	5.41	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 20

File: 15AUG10M

S: 15 I: 1 F: 3

Acquired: 16-AUG-10 01:01:14

Total Concentration: 174

Unnamed Concentration: 151.497

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:12	4.96e+05	4.17e+05	1.19 y	9.14e+05	21.1	
35:29	1.93e+06	1.52e+06	1.27 y	3.46e+06	79.9	
36:04	5.69e+04	4.86e+04	1.17 y	1.05e+05	2.44	
36:23	1.11e+06	8.76e+05	1.27 y	1.99e+06	46.0	
36:59	5.13e+04	4.01e+04	1.28 y	9.14e+04	2.11	
37:09	1.63e+05	1.35e+05	1.20 y	2.98e+05	6.62	1,2,3,4,7,8-HxCDF
37:22	1.61e+05	1.17e+05	1.38 y	2.77e+05	5.80	1,2,3,6,7,8-HxCDF
38:18	2.06e+05	1.57e+05	1.31 y	3.64e+05	8.63	2,3,4,6,7,8-HxCDF
39:47	2.69e+04	2.43e+04	1.11 y	5.12e+04	1.34	1,2,3,7,8,9-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 20

File: 15AUG10M

S: 15 I: 1 F: 4

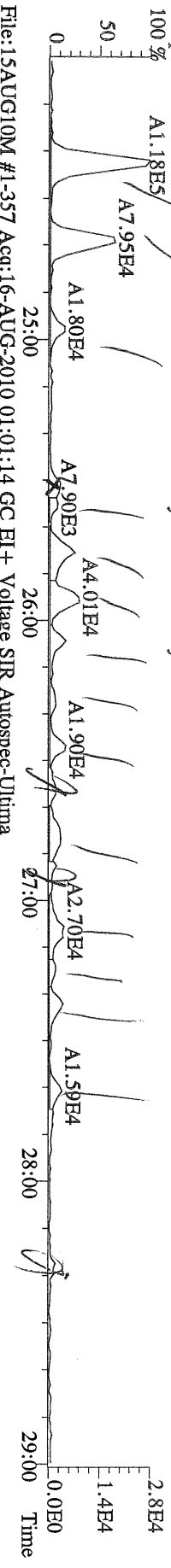
Acquired: 16-AUG-10 01:01:14

Total Concentration: 325

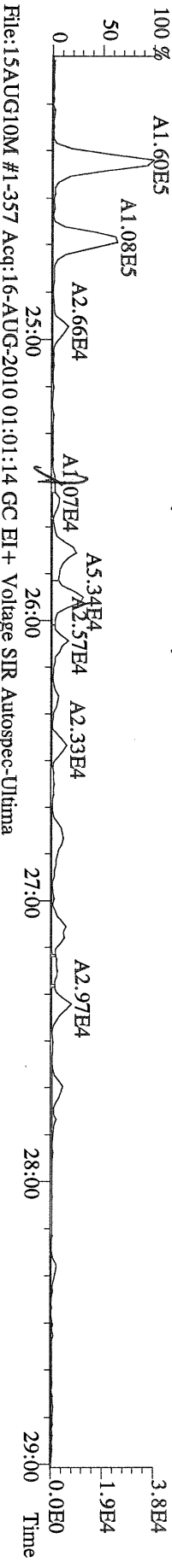
Unnamed Concentration: 181.789

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:15	2.45e+06	2.38e+06	1.03 y	4.83e+06	139	1,2,3,4,6,7,8-HpCDF
42:47	7.30e+04	6.34e+04	1.15 y	1.36e+05	3.95	
43:03	3.15e+06	3.00e+06	1.05 y	6.15e+06	178	
45:03	7.21e+04	6.77e+04	1.06 y	1.40e+05	4.04	1,2,3,4,7,8,9-HpCDF

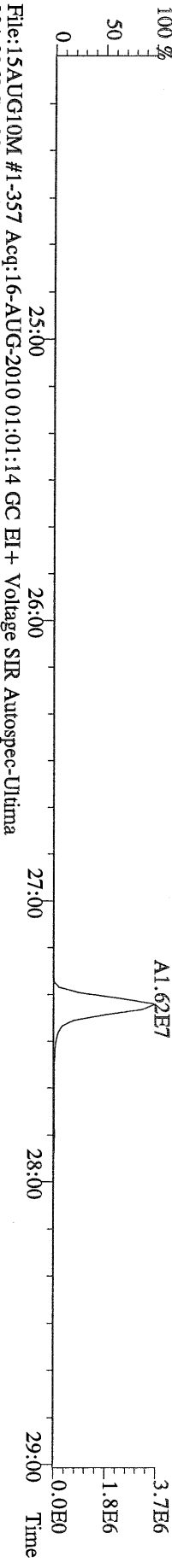
File:15AUG10M #1-357 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



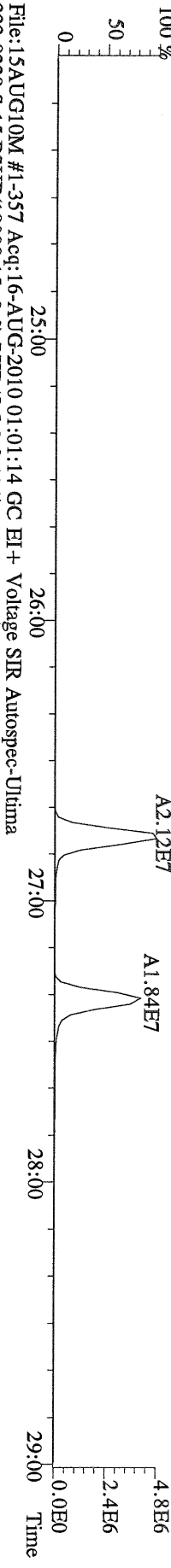
File:15AUG10M #1-357 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



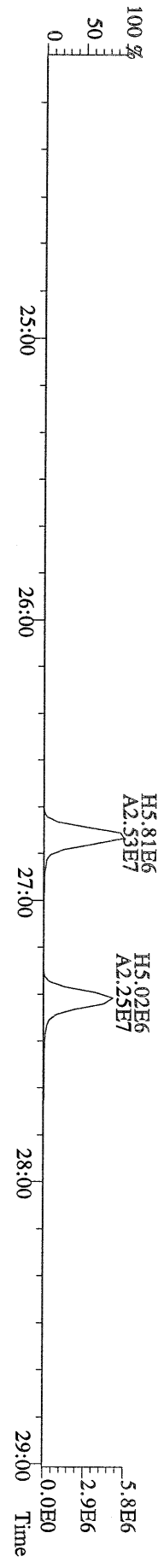
File:15AUG10M #1-357 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



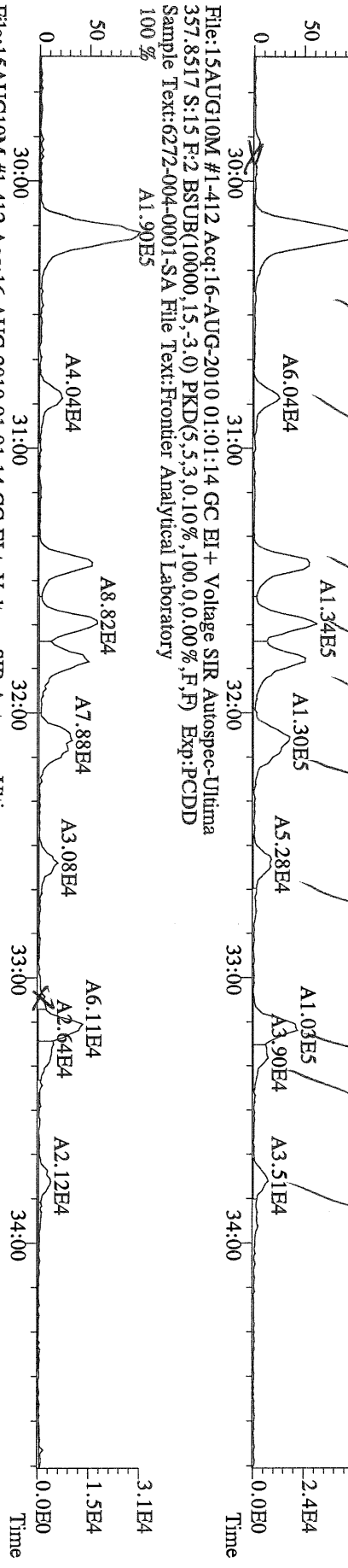
File:15AUG10M #1-357 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



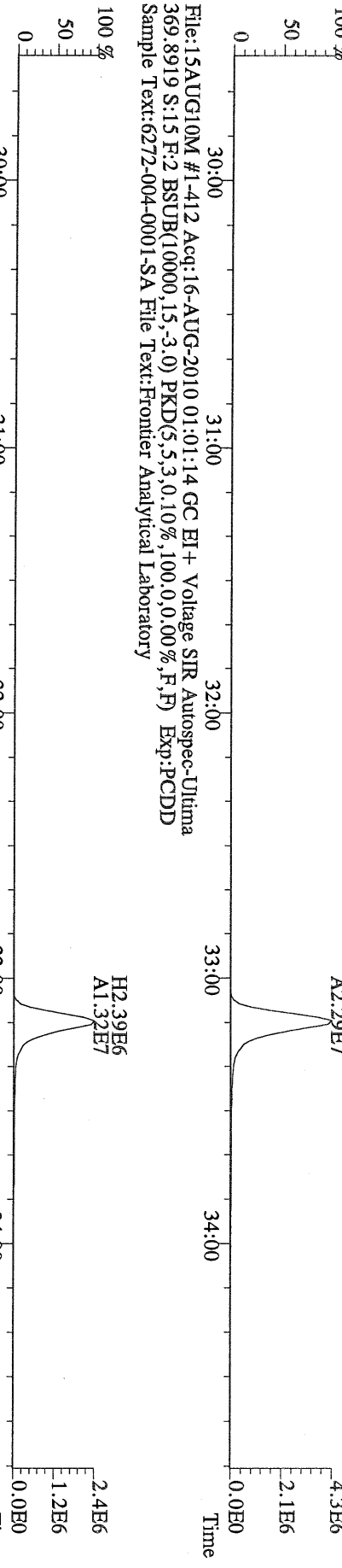
File:15AUG10M #1-357 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



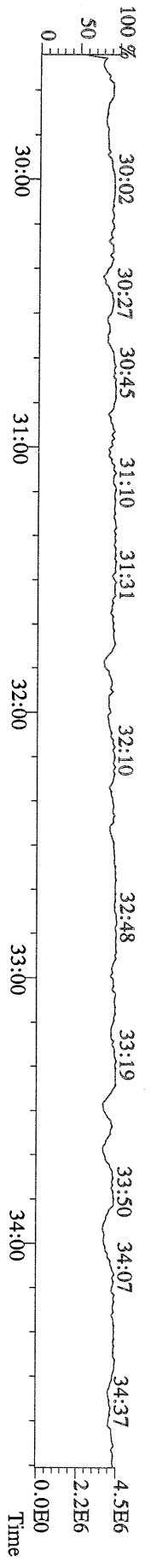
File:15AUG10M #1-412 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 355.8546 S:15 F:2 BSUB(10000,15,-3.0) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory
 100 %



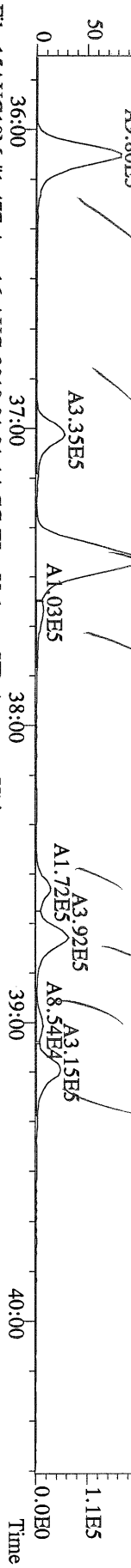
File:15AUG10M #1-412 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 367.8949 S:15 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory
 100 %



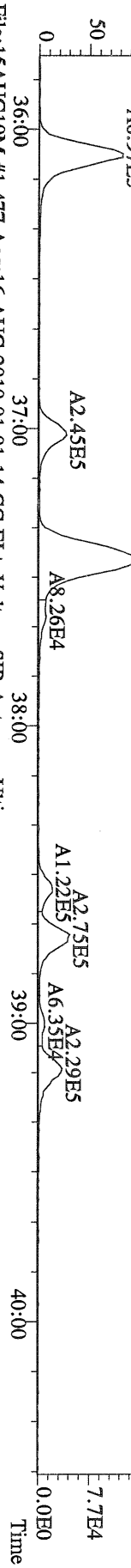
File:15AUG10M #1-412 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 366.9792 S:15 F:2 Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



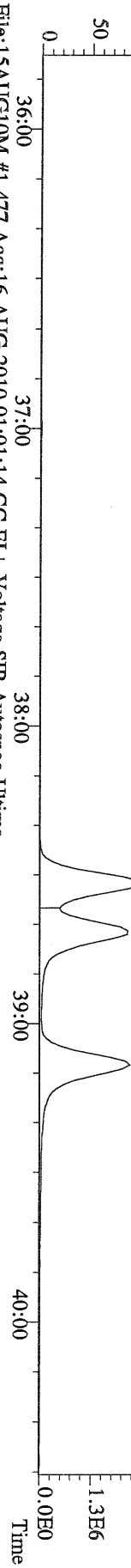
File:15AUG10M #1-477 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 389.8156 S:15 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



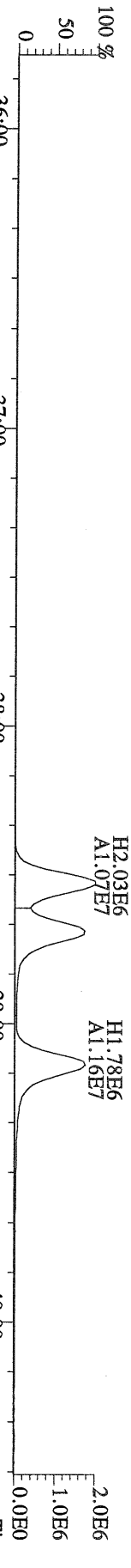
File:15AUG10M #1-477 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 391.8127 S:15 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



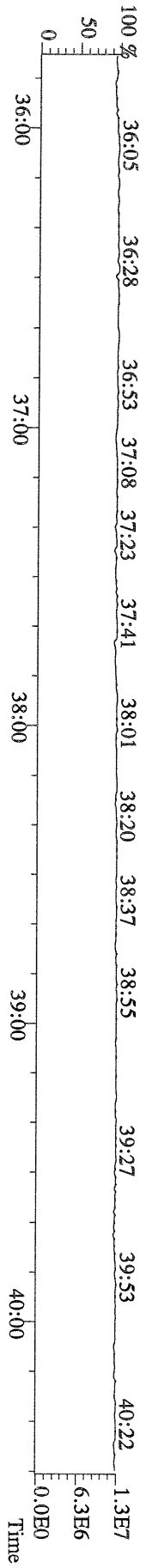
File:15AUG10M #1-477 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 401.8559 S:15 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



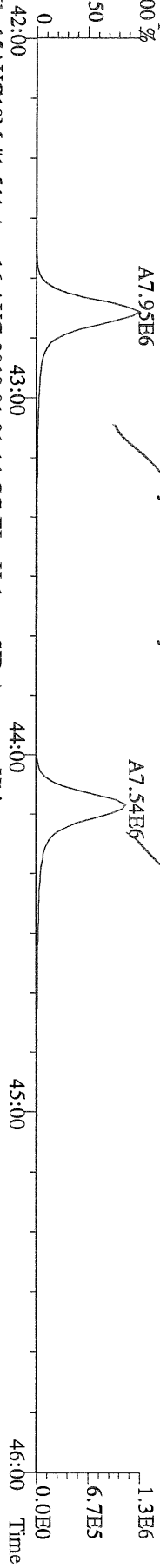
File:15AUG10M #1-477 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 403.8530 S:15 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



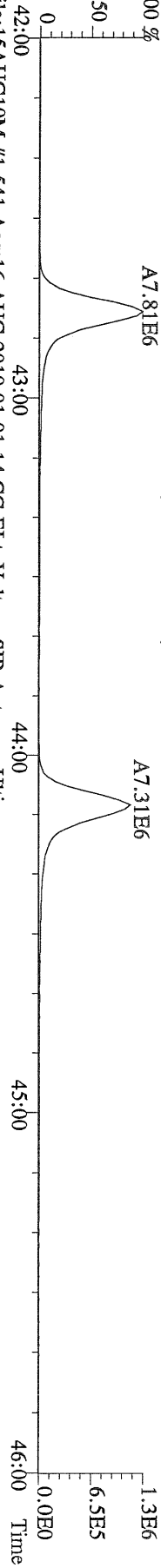
File:15AUG10M #1-477 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 380.9760 S:15 F:3 Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



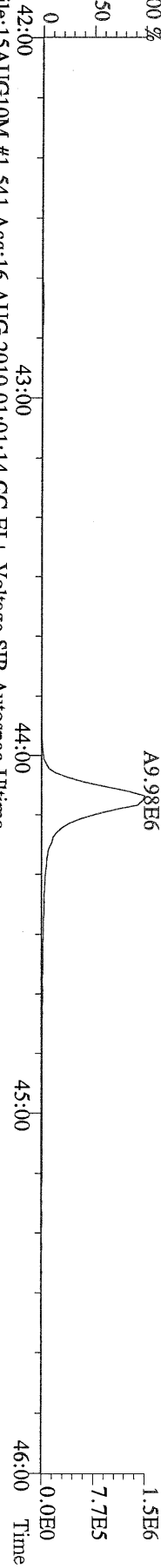
File:15AUG10M #1-541 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:15 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



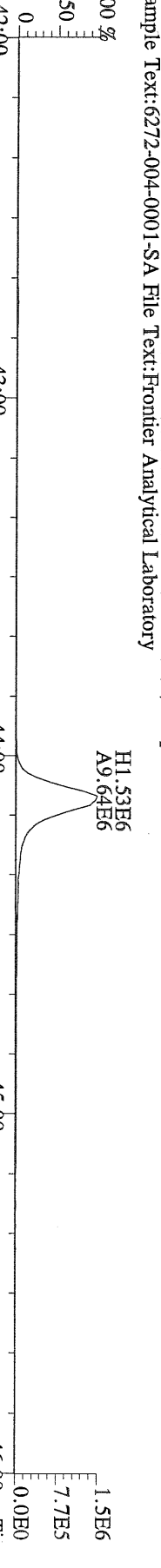
File:15AUG10M #1-541 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:15 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



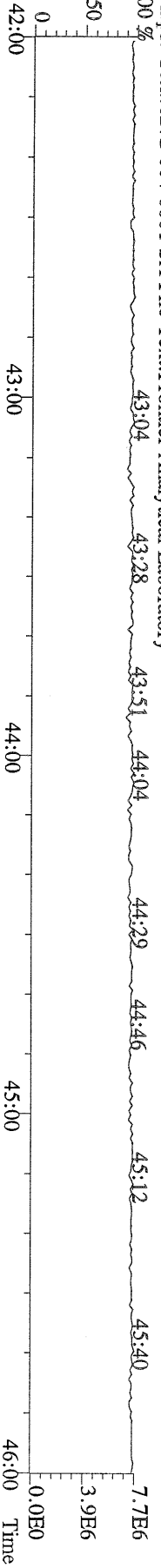
File:15AUG10M #1-541 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:15 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



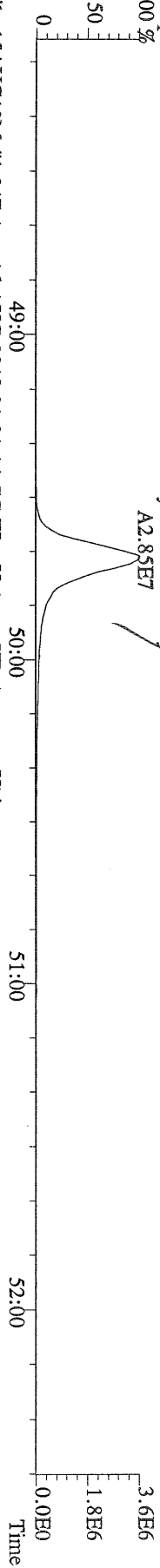
File:15AUG10M #1-541 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:15 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



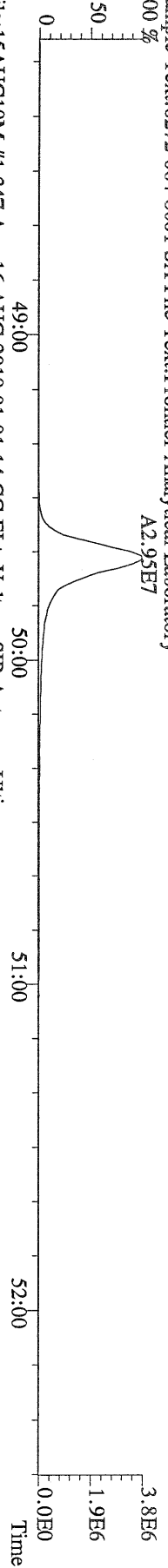
File:15AUG10M #1-541 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:15 F:4 Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



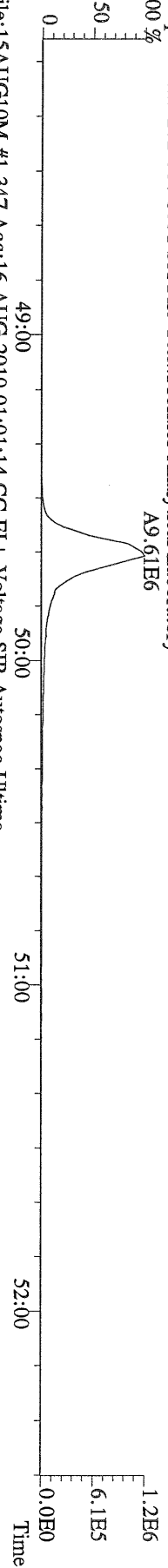
File:15AUG10M #1-347 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:15 F:5 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory
100 %



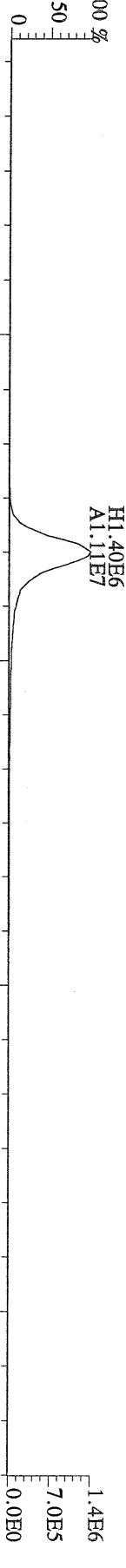
File:15AUG10M #1-347 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:15 F:5 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory
100 %



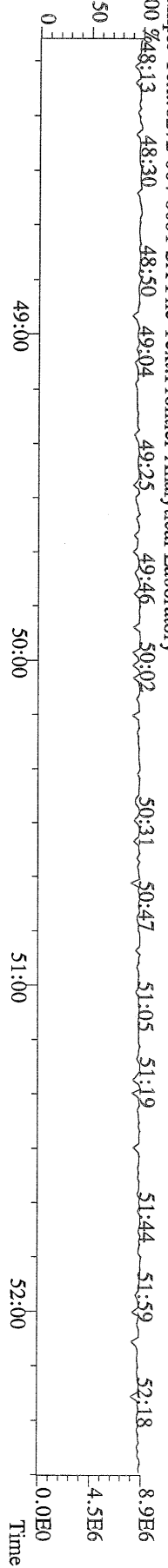
File:15AUG10M #1-347 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:15 F:5 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory
100 %



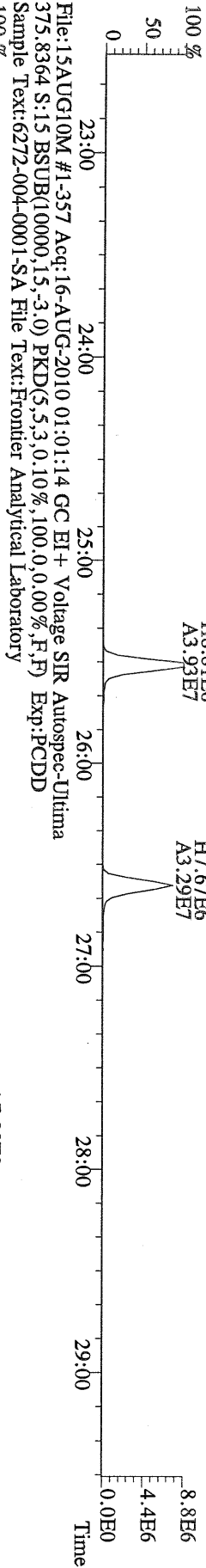
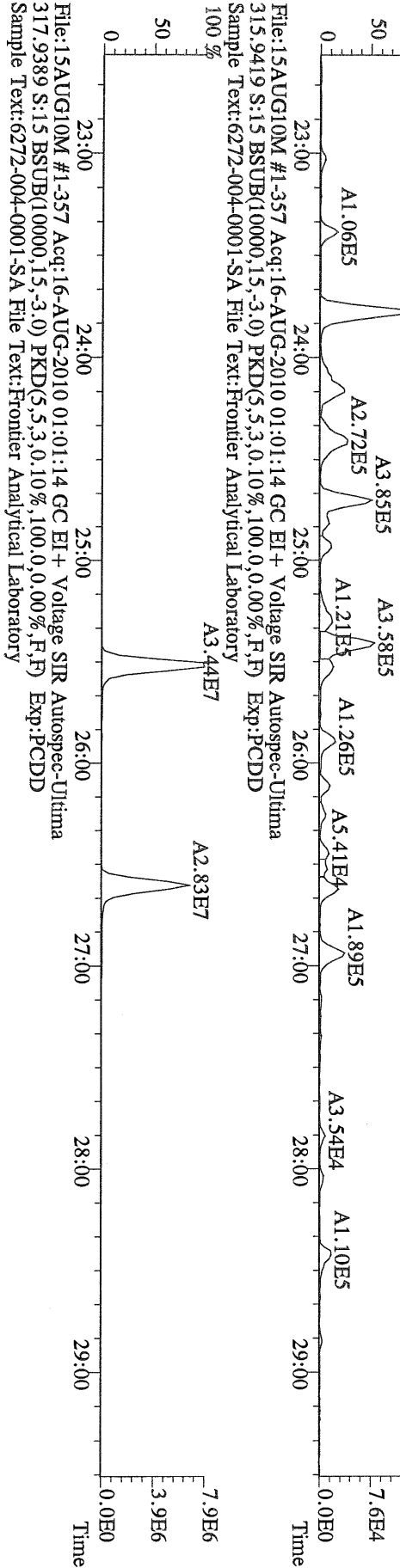
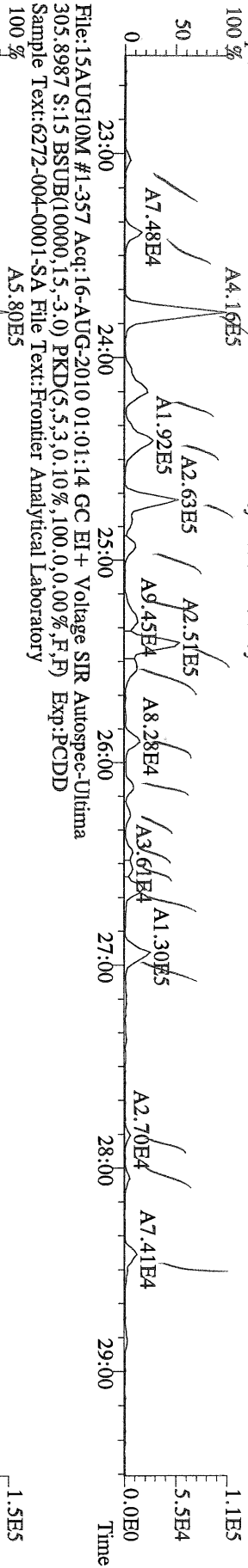
File:15AUG10M #1-347 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:15 F:5 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



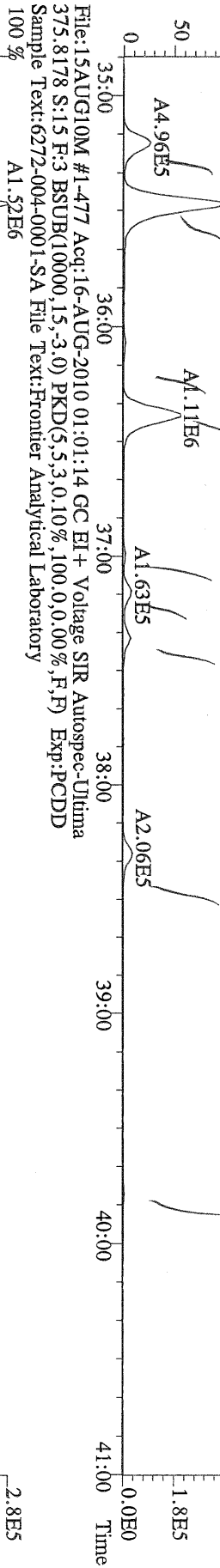
File:15AUG10M #1-347 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:15 F:5 Exp:PCDD
Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



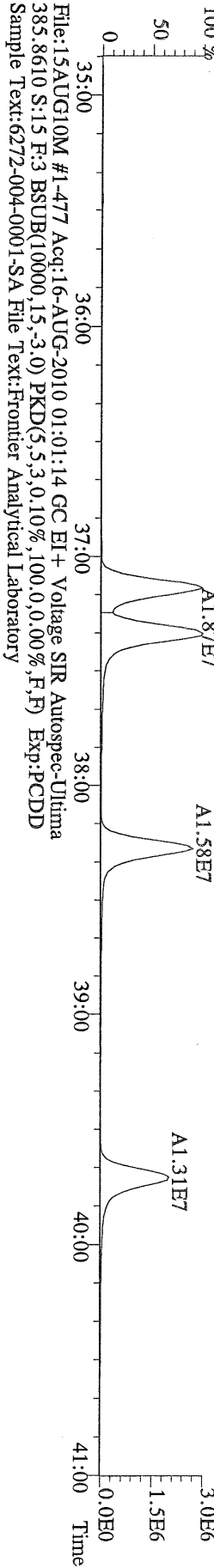
File:15AUG10M #1-357 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:1.5 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



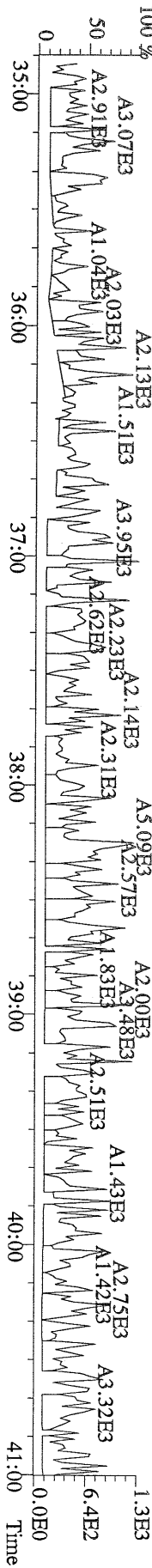
File:15AUG10M #1-477 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 373.8207 S:15 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



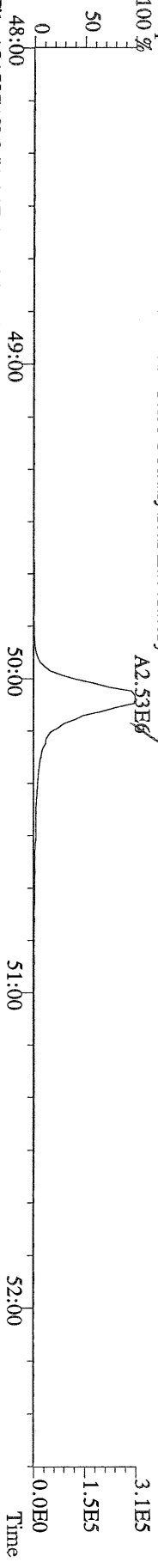
File:15AUG10M #1-477 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 383.8639 S:15 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



File:15AUG10M #1-477 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 445.7555 S:15 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



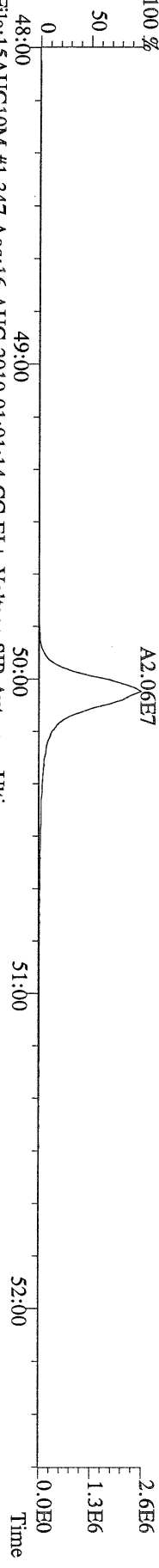
File:15AUG10M #1-347 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 441.7428 S:15 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory
 100 %



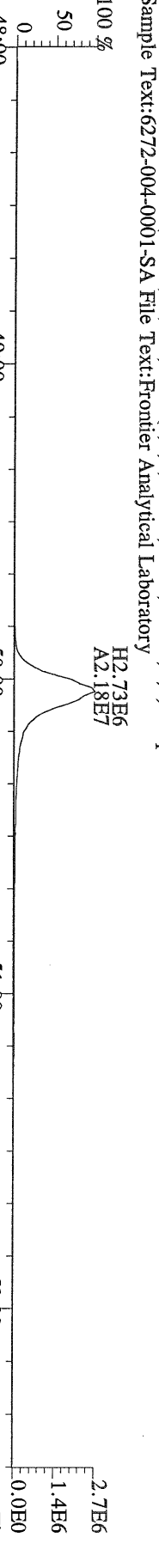
File:15AUG10M #1-347 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 443.7398 S:15 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory
 100 %



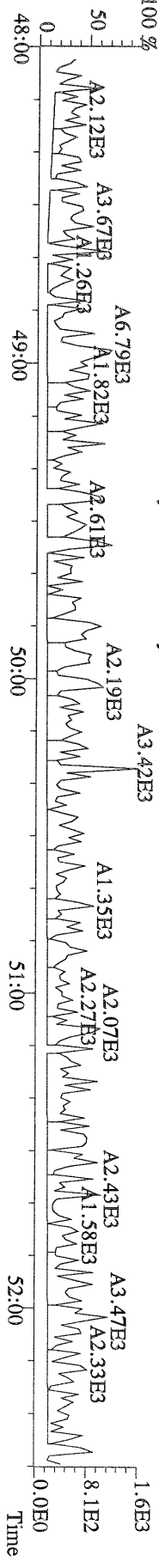
File:15AUG10M #1-347 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 453.7831 S:15 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory
 100 %



File:15AUG10M #1-347 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 455.7801 S:15 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory



File:15AUG10M #1-347 Acq:16-AUG-2010 01:01:14 GC EI+ Voltage SIR Autospec-Ultima
 513.6775 S:15 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-004-0001-SA File Text:Frontier Analytical Laboratory
 100 %



Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 21

File: 15AUG10M

S: 16 I: 1 F: 1

Acquired: 16-AUG-10 01:56:35

Total Concentration: 33.8

Unnamed Concentration: 33.839

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:21	1.53e+05	2.14e+05	0.71 y	3.67e+05	17.4	
24:38	9.10e+04	1.22e+05	0.75 y	2.13e+05	10.1	
25:44	1.49e+04	1.94e+04	0.77 y	3.43e+04	1.62	
25:54	2.01e+04	2.68e+04	0.75 y	4.69e+04	2.22	
27:05	2.46e+04	3.00e+04	0.82 y	5.46e+04	2.58	

Totals class: Total Penta-Dioxins

Entry #: 39

Run: 21

File: 15AUG10M

S: 16 I: 1 F: 2

Acquired: 16-AUG-10 01:56:35

Total Concentration: 64.0

Unnamed Concentration: 59.941

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:12	2.17e+05	1.30e+05	1.67 y	3.46e+05	18.3	
30:48	2.07e+04	1.48e+04	1.40 y	3.55e+04	1.88	
31:26	1.49e+05	8.39e+04	1.77 y	2.33e+05	12.3	
31:39	6.97e+04	4.33e+04	1.61 y	1.13e+05	5.99	
31:48	1.50e+05	9.34e+04	1.61 y	2.44e+05	12.9	
32:05	4.63e+04	2.64e+04	1.76 y	7.27e+04	3.85	
32:34	4.35e+04	2.63e+04	1.65 y	6.98e+04	3.70	
33:11	4.67e+04	3.01e+04	1.55 y	7.69e+04	4.07	1,2,3,7,8-PeCDD
33:16	1.12e+04	6.74e+03	1.65 y	1.79e+04	0.948	

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 21

File: 15AUG10M

S: 16 I: 1 F: 3

Acquired: 16-AUG-10 01:56:35

Total Concentration: 423

Unnamed Concentration: 329.005

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:05	1.02e+06	7.37e+05	1.38 y	1.75e+06	117	
37:00	2.95e+05	2.12e+05	1.39 y	5.07e+05	33.8	
37:27	1.52e+06	1.08e+06	1.40 y	2.60e+06	174	
38:33	6.72e+04	5.08e+04	1.32 y	1.18e+05	8.50	1,2,3,4,7,8-HxCDD
38:43	5.32e+05	3.80e+05	1.40 y	9.12e+05	55.6	1,2,3,6,7,8-HxCDD
39:02	3.84e+04	3.13e+04	1.23 y	6.96e+04	4.64	
39:10	2.47e+05	1.91e+05	1.29 y	4.39e+05	29.9	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 21

File: 15AUG10M

S: 16 I: 1 F: 4

Acquired: 16-AUG-10 01:56:35

Total Concentration: 4910

Unnamed Concentration: 2585.210

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:46	2.18e+07	2.13e+07	1.02 y	4.32e+07	2590	
44:09	1.96e+07	1.93e+07	1.02 y	3.89e+07	2330	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 21

File: 15AUG10M

S: 16 I: 1 F: 1

Acquired: 16-AUG-10 01:56:35

Total Concentration: 27.0

Unnamed Concentration: 25.856

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:21	2.04e+04	2.89e+04	0.70 y	4.93e+04	0.958	
23:45	8.75e+04	1.15e+05	0.76 y	2.02e+05	3.93	
24:08	5.99e+04	8.81e+04	0.68 y	1.48e+05	2.88	
24:24	5.02e+04	6.87e+04	0.73 y	1.19e+05	2.31	
24:40	5.30e+04	7.66e+04	0.69 y	1.30e+05	2.52	
24:54	2.17e+04	2.69e+04	0.81 y	4.86e+04	0.944	
25:17	2.65e+04	3.74e+04	0.71 y	6.39e+04	1.24	
25:24	4.99e+04	6.64e+04	0.75 y	1.16e+05	2.26	
25:31	3.03e+04	4.28e+04	0.71 y	7.30e+04	1.42	
25:52	2.23e+04	3.14e+04	0.71 y	5.37e+04	1.04	
26:06	1.96e+04	2.66e+04	0.74 y	4.63e+04	0.899	
26:14	1.26e+04	1.89e+04	0.67 y	3.16e+04	0.614	
26:26	1.84e+04	2.25e+04	0.82 y	4.09e+04	0.796	
26:31	1.02e+04	1.48e+04	0.69 y	2.50e+04	0.485	
26:37	2.39e+04	3.37e+04	0.71 y	5.76e+04	1.12	2,3,7,8-TCDF
26:56	4.67e+04	6.37e+04	0.73 y	1.10e+05	2.15	
28:25	2.90e+04	4.36e+04	0.67 y	7.26e+04	1.41	

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

Run: 21 File: 15AUG10M S: 16 I: 1 F: 1
Acquired: 16-AUG-10 01:56:35

Total Concentration: 25.3 Unnamed Concentration: 25.344

RT	mL Resp	m2 Resp	RA	Resp	Concentration	Name
28.24	4.03e+05	2.53e+05	1.59 y	6.56e+05	25.3	

Totals class: Total Penta-Furans

Entry #: 44

Run: 21

File: 15AUG10M

S: 16 I: 1 F: 2

Acquired: 16-AUG-10 01:56:35

Total Concentration: 34.9

Unnamed Concentration: 30.620

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:03	3.52e+04	2.36e+04	1.49 y	5.87e+04	2.27	
30:11	2.40e+05	1.74e+05	1.38 y	4.14e+05	16.0	
30:54	7.56e+04	5.40e+04	1.40 y	1.30e+05	5.01	
31:02	1.72e+04	1.28e+04	1.35 y	3.00e+04	1.16	
31:26	1.83e+04	1.35e+04	1.36 y	3.18e+04	1.23	1,2,3,7,8-PeCDF
31:47	4.40e+04	3.13e+04	1.41 y	7.52e+04	2.91	
32:37	1.84e+04	1.28e+04	1.44 y	3.12e+04	1.20	
32:46	4.47e+04	3.36e+04	1.33 y	7.84e+04	3.03	2,3,4,7,8-PeCDF
32:48	3.06e+04	2.26e+04	1.36 y	5.32e+04	2.06	

Totals class: Total Hexa-Furans

Entry #: 45

Run: 21

File: 15AUG10M

S: 16 I: 1 F: 3

Acquired: 16-AUG-10 01:56:35

Total Concentration: 422

Unnamed Concentration: 385.091

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:12	3.49e+05	2.70e+05	1.29 y	6.19e+05	28.8	
35:28	1.35e+06	1.08e+06	1.25 y	2.43e+06	113	
36:05	5.80e+04	4.25e+04	1.37 y	1.01e+05	4.67	
36:23	2.81e+06	2.26e+06	1.25 y	5.07e+06	236	
37:00	3.03e+04	2.45e+04	1.24 y	5.48e+04	2.55	
37:10	2.20e+05	1.70e+05	1.29 y	3.90e+05	17.8	1,2,3,4,7,8-HxCDF
37:22	1.00e+05	7.38e+04	1.36 y	1.74e+05	7.61	1,2,3,6,7,8-HxCDF
38:18	1.13e+05	8.47e+04	1.33 y	1.98e+05	10.4	2,3,4,6,7,8-HxCDF
39:48	1.79e+04	1.34e+04	1.33 y	3.12e+04	1.38	1,2,3,7,8,9-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

Run: 21

File: 15AUG10M

S: 16 I: 1 F: 4

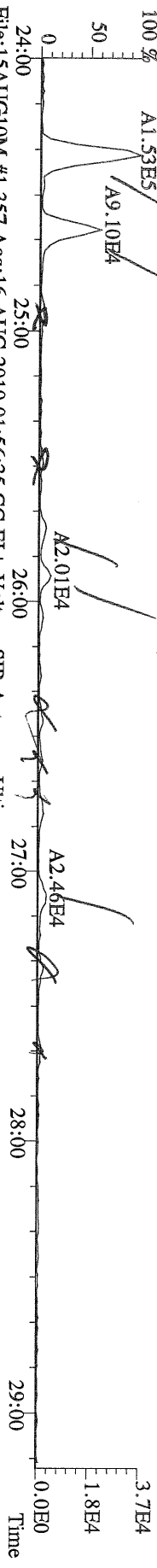
Acquired: 16-AUG-10 01:56:35

Total Concentration: 2390

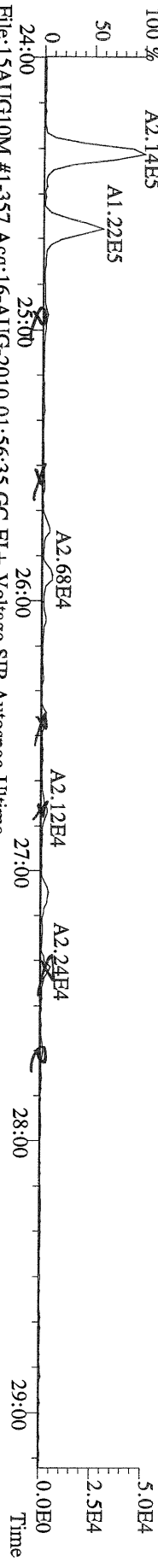
Unnamed Concentration: 1713.841

RT	m1 Resp	m2 Resp	RA	Resp	Concentration	Name
42:14	6.96e+06	6.62e+06	1.05 y	1.36e+07	662	1,2,3,4,6,7,8-HpCDF
42:47	5.73e+04	5.12e+04	1.12 y	1.09e+05	5.46	
43:04	1.74e+07	1.66e+07	1.04 y	3.40e+07	1710	
45:05	1.78e+05	1.54e+05	1.16 y	3.32e+05	17.1	1,2,3,4,7,8,9-HpCDF

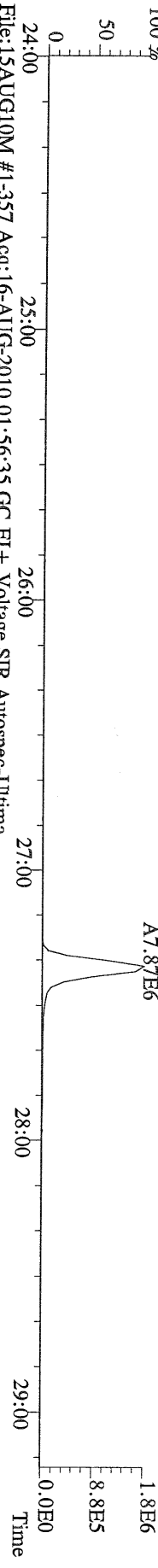
File:15AUG10M #1-357 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Utima
319.8965 S:16 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



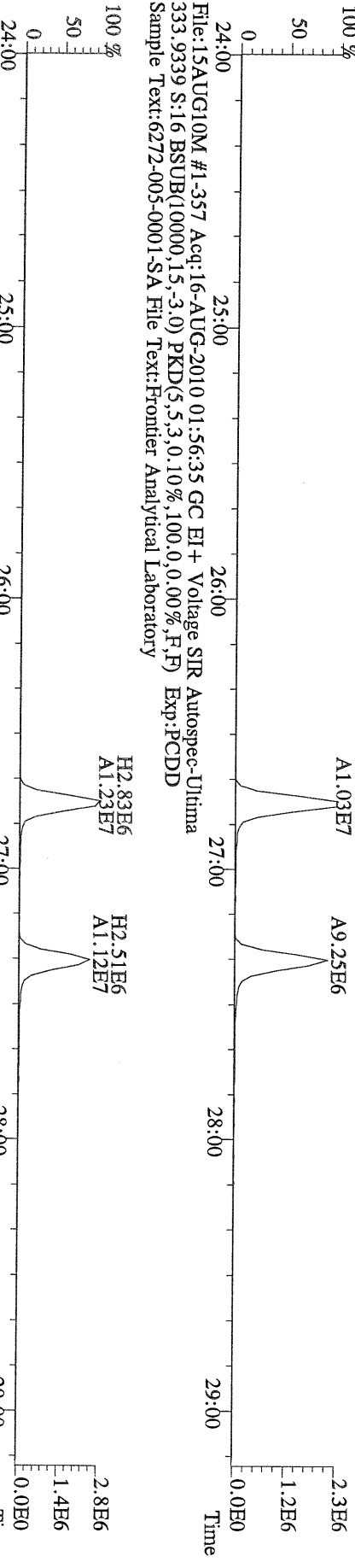
File:15AUG10M #1-357 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Utima
321.8936 S:16 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



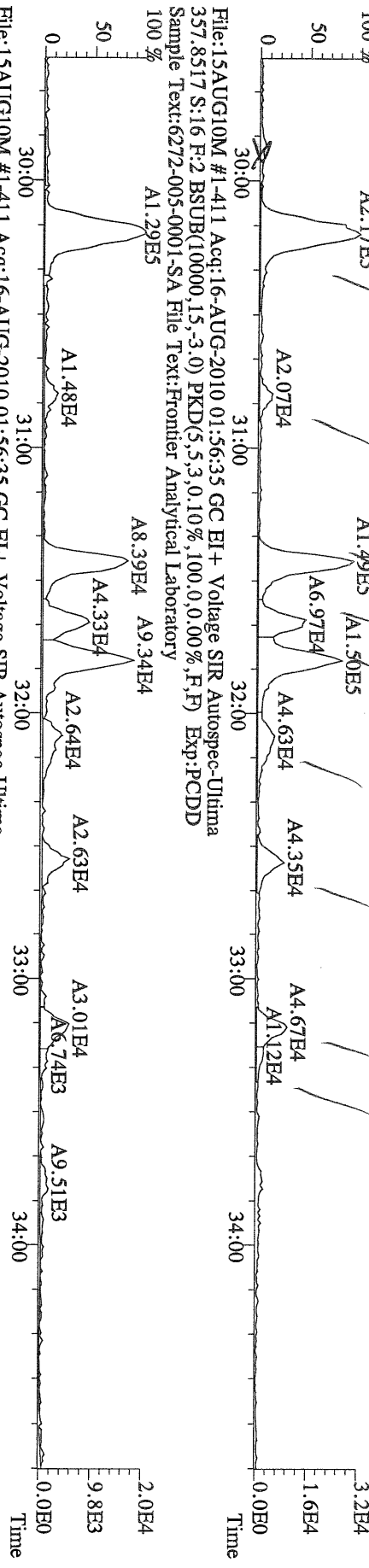
File:15AUG10M #1-357 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Utima
331.9368 S:16 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



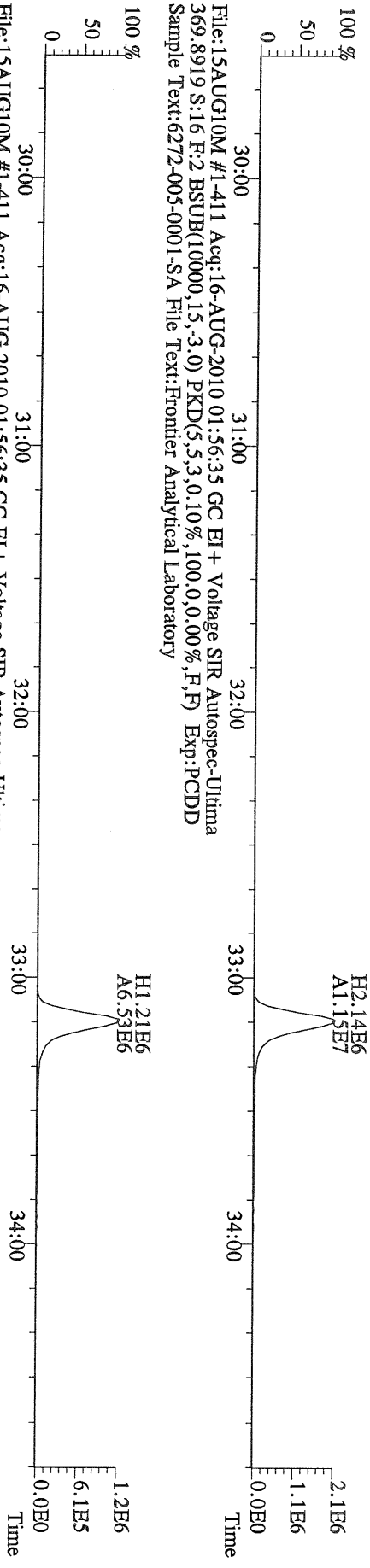
File:15AUG10M #1-357 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Utima
333.9339 S:16 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



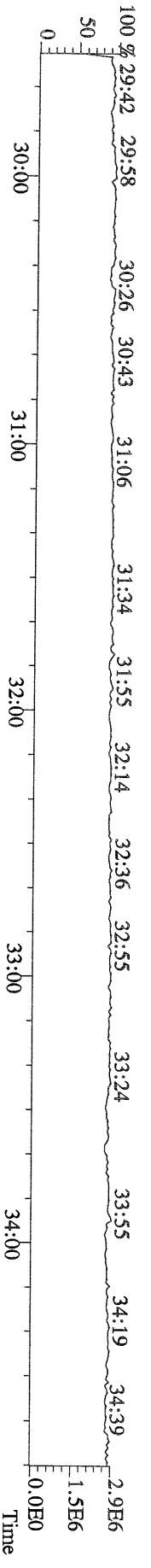
File:15AUG10M #1-411 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 355.8546 S:16 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp.:PCDD
 Sample Text:6272-005-0001-SA/File Text:Frontier Analytical Laboratory



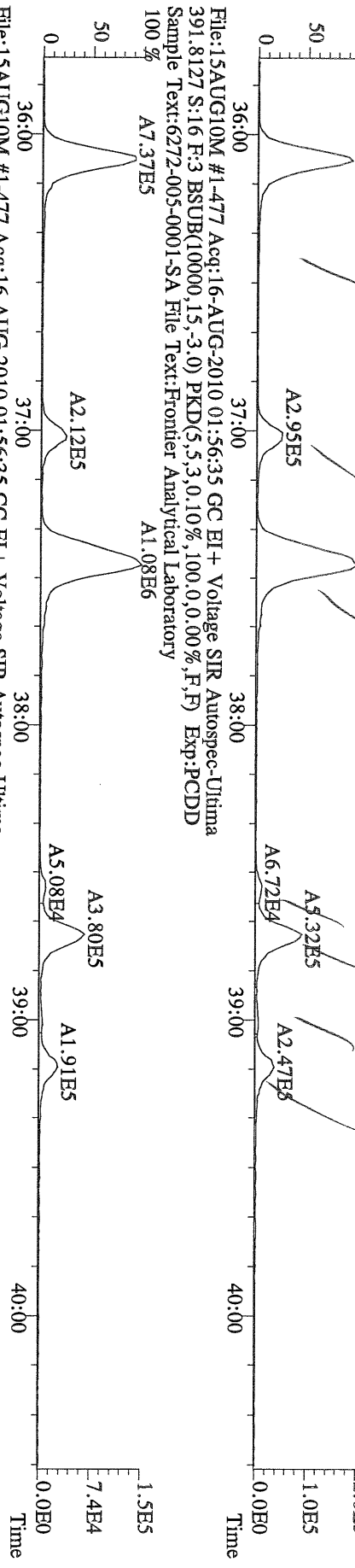
File:15AUG10M #1-411 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 367.8949 S:16 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp.:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



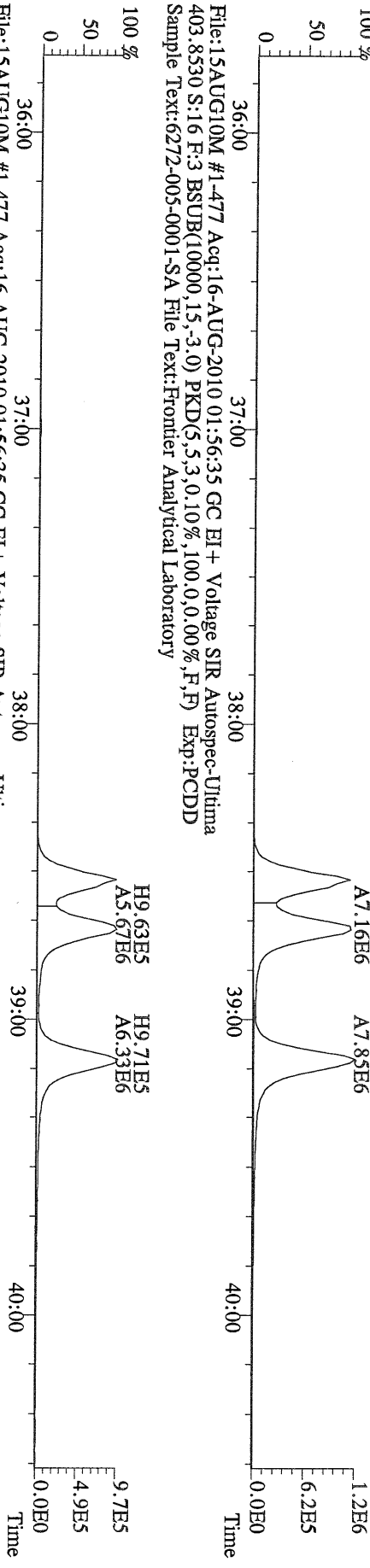
File:15AUG10M #1-411 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 366.9792 S:16 F:2 Exp.:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



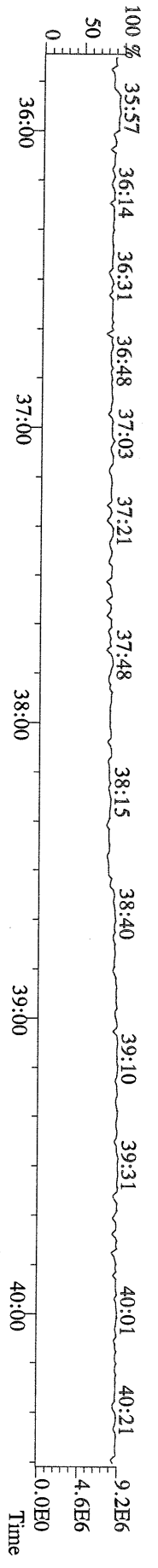
File:15AUG10M #1-477 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 389.8156 S:16 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



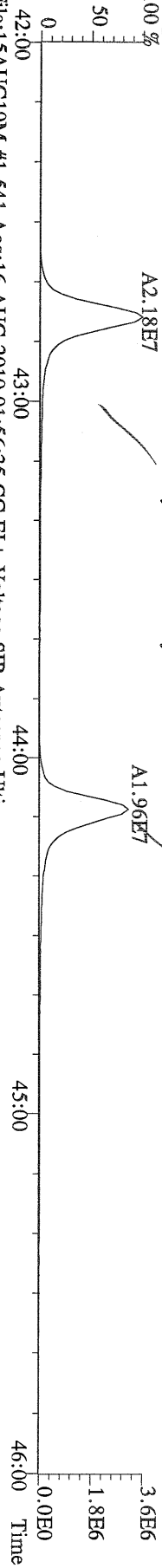
File:15AUG10M #1-477 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 401.8559 S:16 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



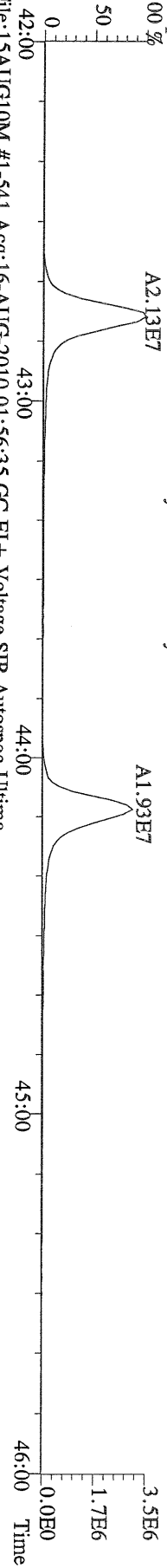
File:15AUG10M #1-477 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 380.9760 S:16 F:3 Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



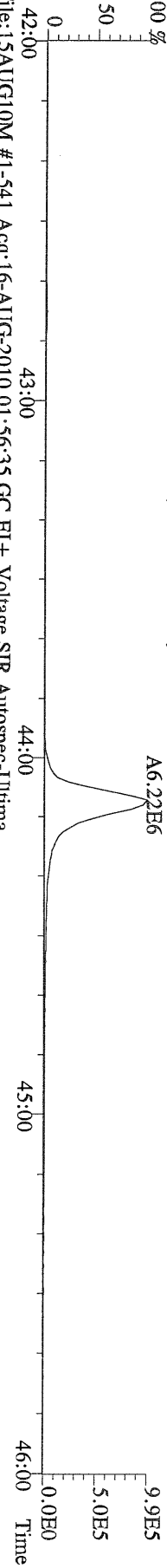
File:15AUG10M #1-541 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:16 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



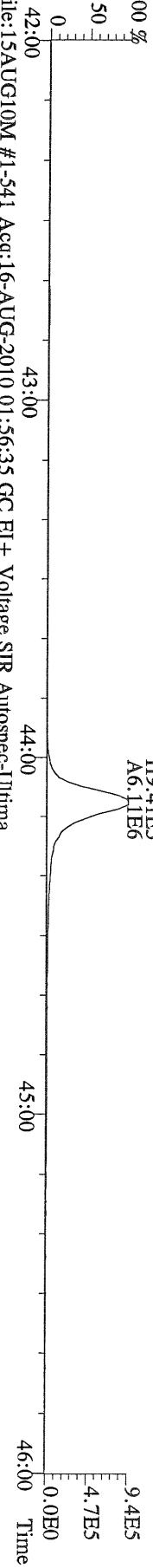
File:15AUG10M #1-541 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:16 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



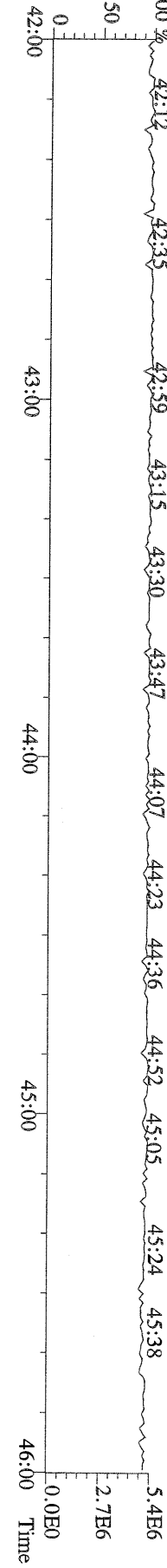
File:15AUG10M #1-541 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:16 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



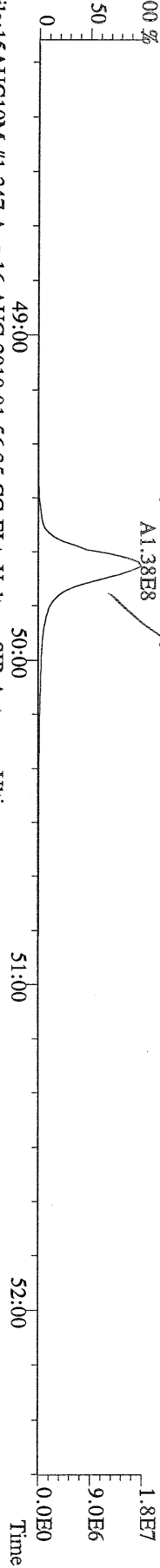
File:15AUG10M #1-541 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:16 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



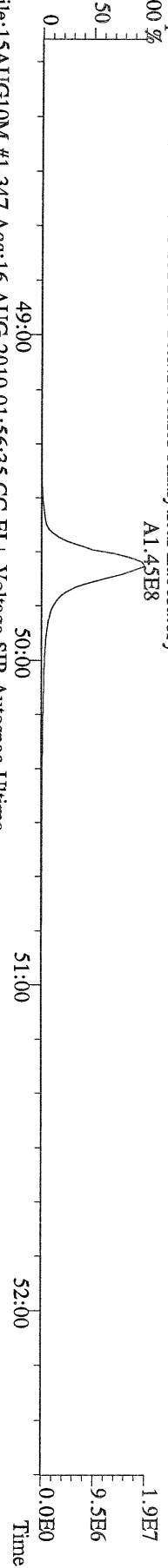
File:15AUG10M #1-541 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:16 F:4 Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



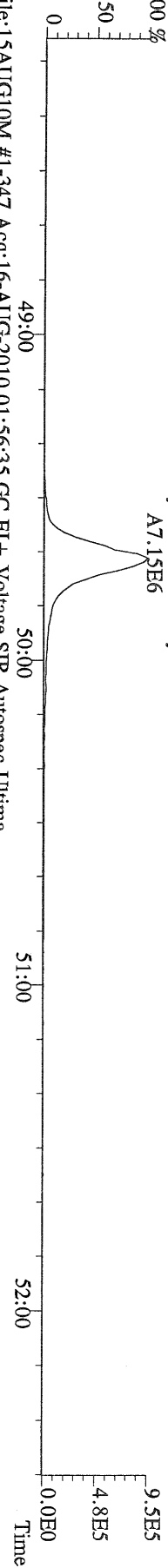
File:15AUG10M #1-347 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:16 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory
100 %



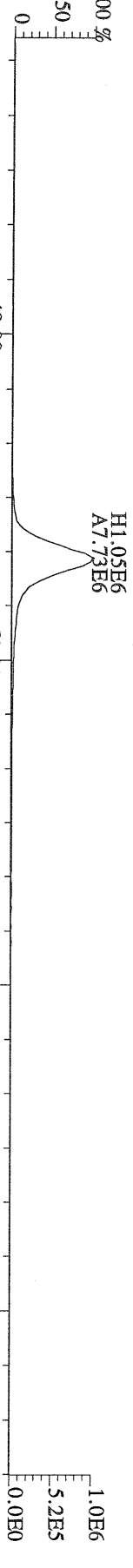
File:15AUG10M #1-347 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:16 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory
100 %



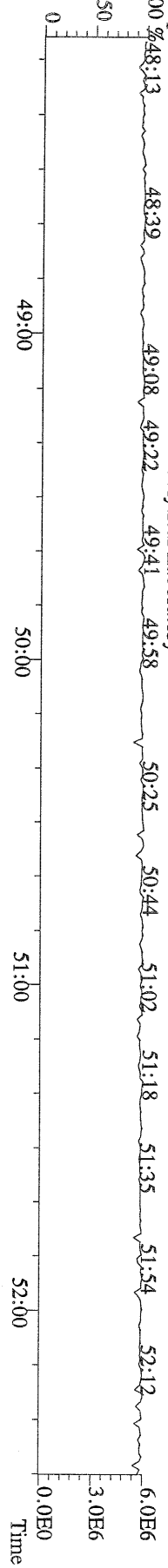
File:15AUG10M #1-347 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:16 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory
100 %



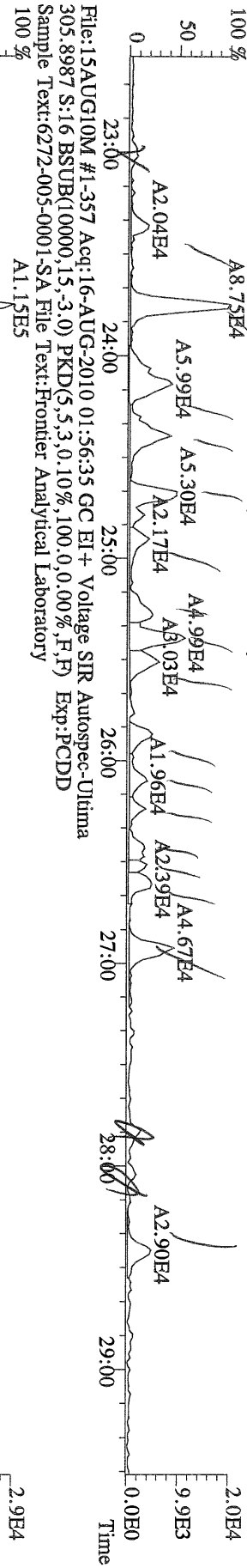
File:15AUG10M #1-347 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:16 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



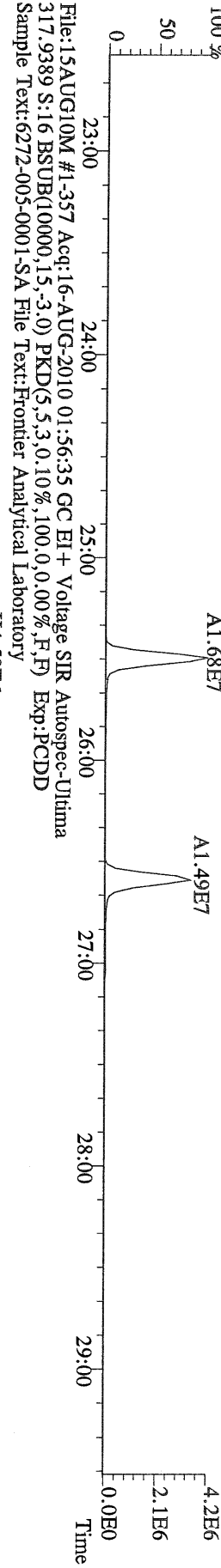
File:15AUG10M #1-347 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:16 F:5 Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



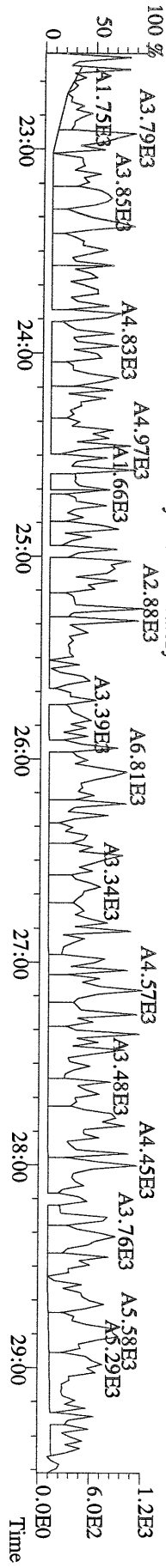
File:15AUG10M #1-357 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:1.6 BSUB(10000,15,-3.0) PKD(5.5,3.0,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



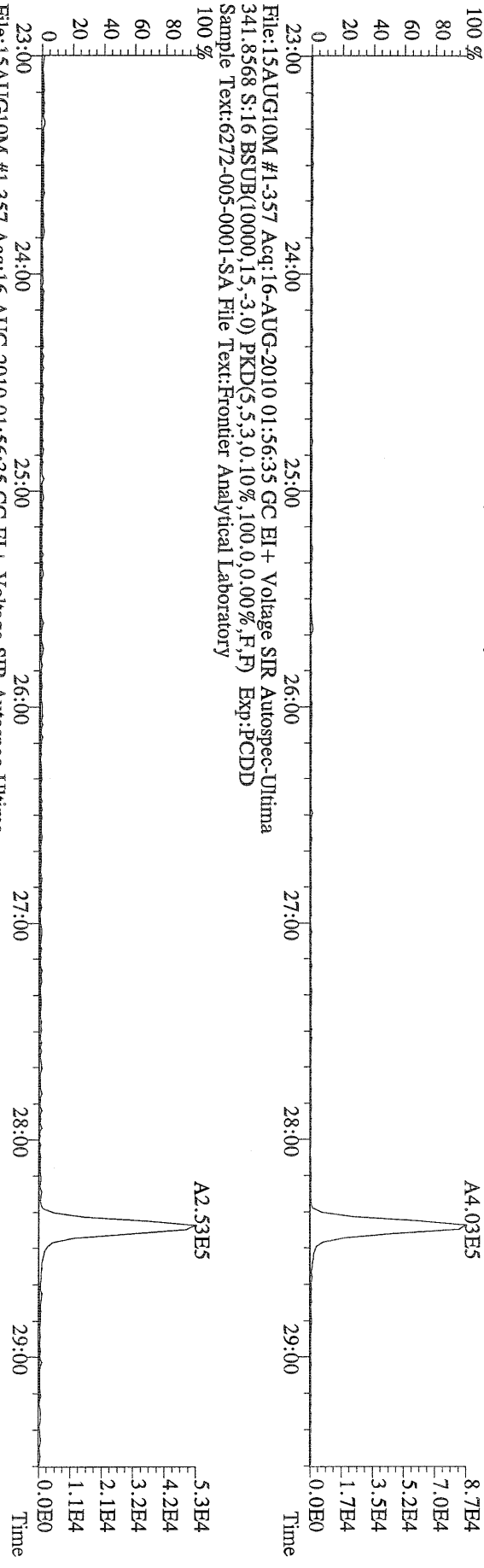
File:15AUG10M #1-357 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 S:1.6 BSUB(10000,15,-3.0) PKD(5.5,3.0,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



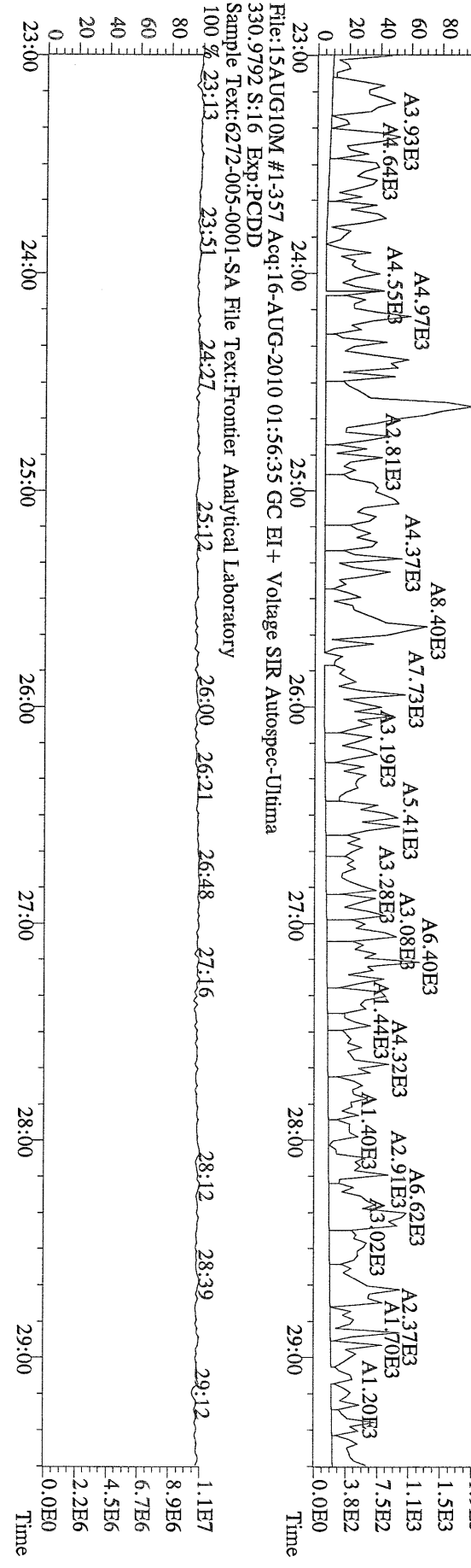
File:15AUG10M #1-357 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 S:1.6 BSUB(10000,15,-3.0) PKD(5.5,3.0,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



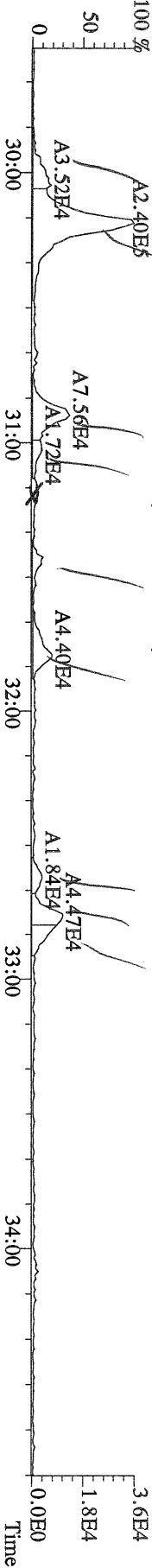
File:15AUG10M #1-357 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:16 BSUB(10000,15,-3.0) PKD(5.5,3,0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



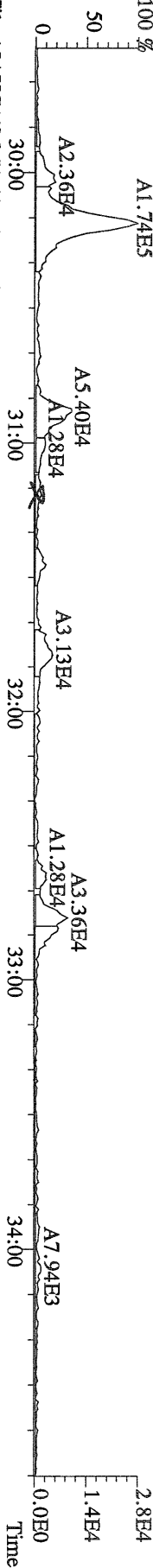
File:15AUG10M #1-357 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:16 BSUB(10000,15,-3.0) PKD(5.5,3,0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



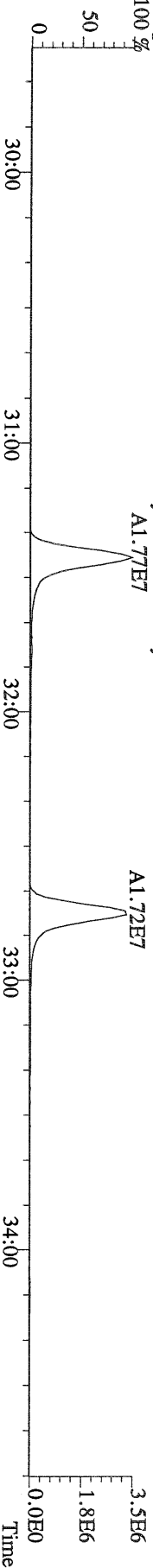
File:15AUG10M #1-411 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:16 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



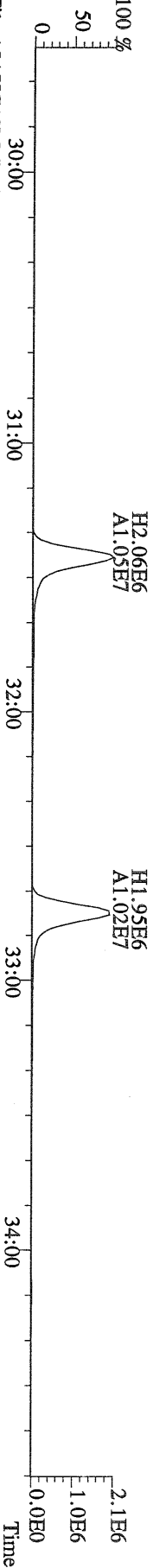
File:15AUG10M #1-411 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:16 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



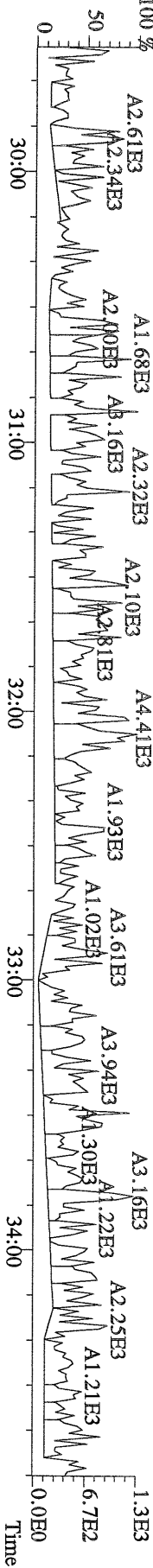
File:15AUG10M #1-411 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 S:16 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



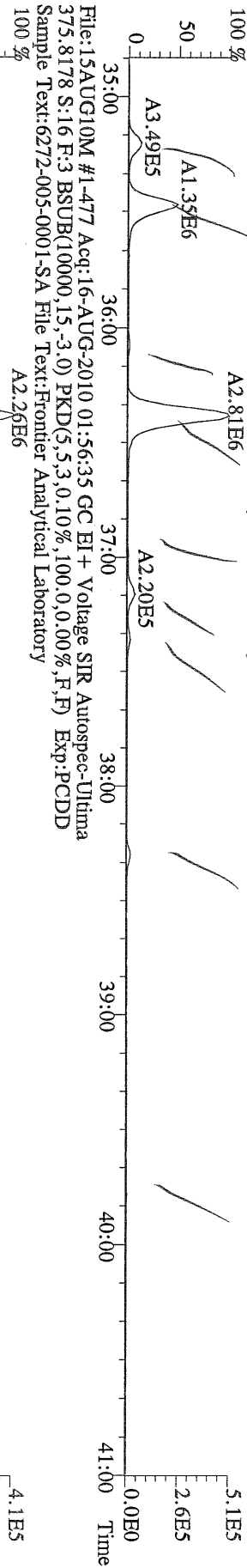
File:15AUG10M #1-411 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 353.8970 S:16 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



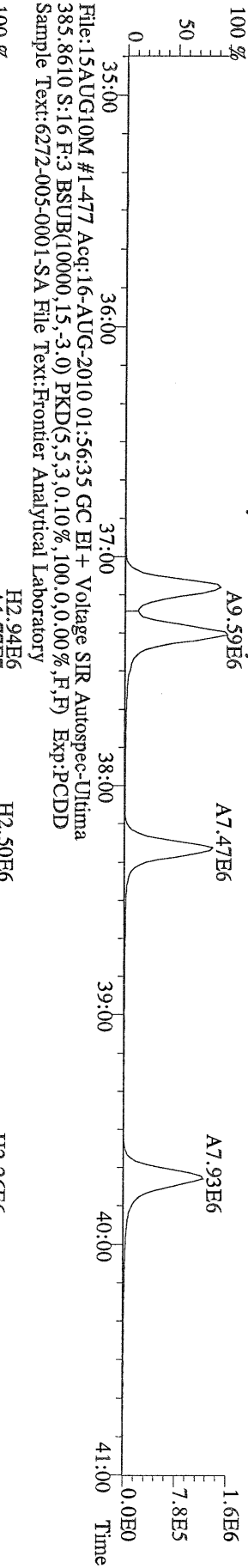
File:15AUG10M #1-411 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:16 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



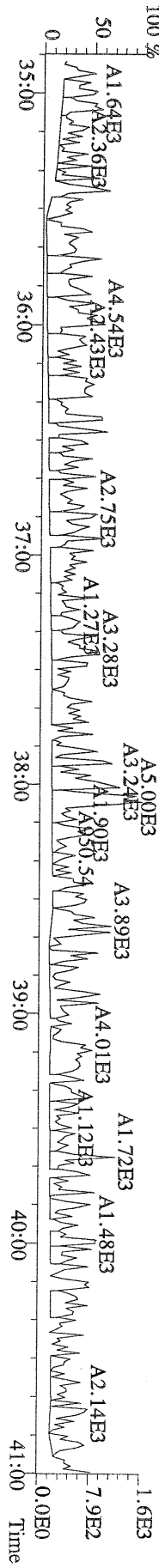
File:15AUG10M #1-477 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 373.8207 S:16 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



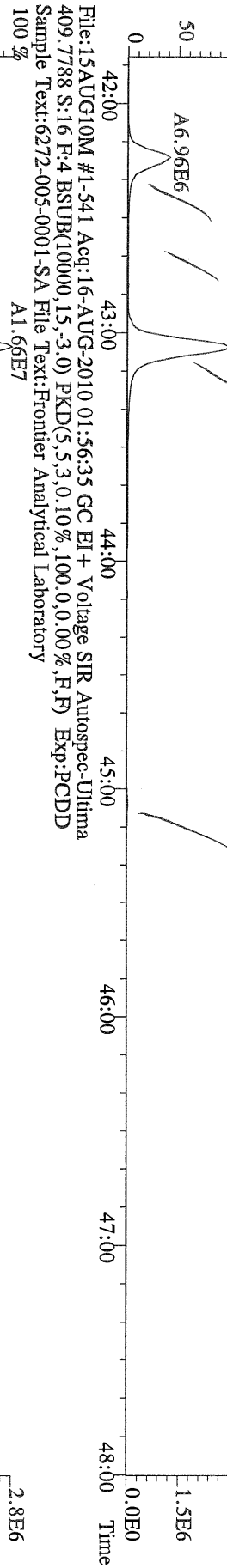
File:15AUG10M #1-477 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 383.8639 S:16 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



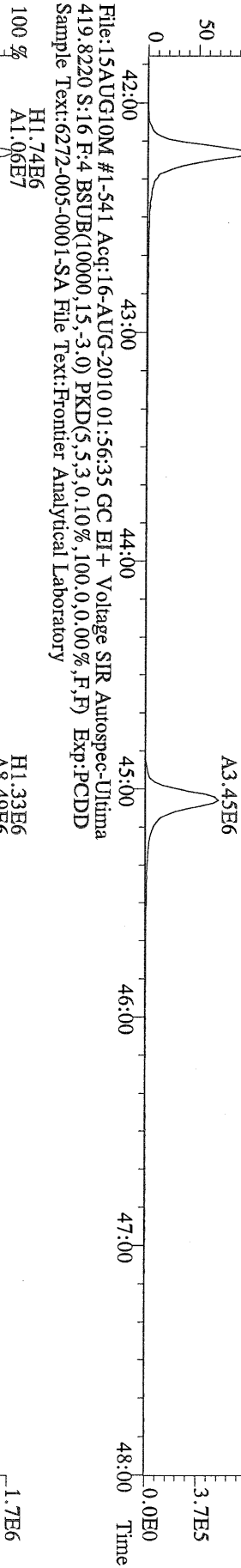
File:15AUG10M #1-477 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 445.7555 S:16 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



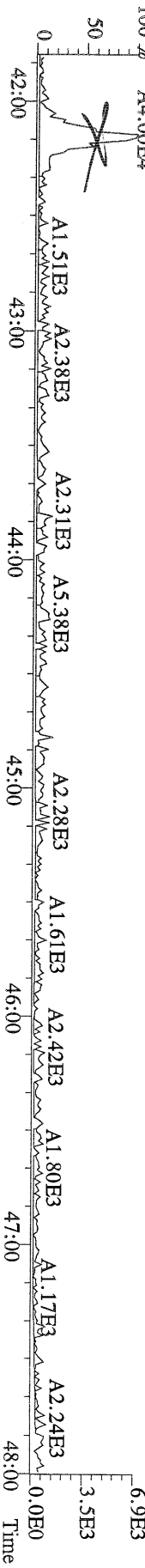
File:15AUG10M #1-541 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 407.7818 S:16 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



File:15AUG10M #1-541 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 417.8253 S:16 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



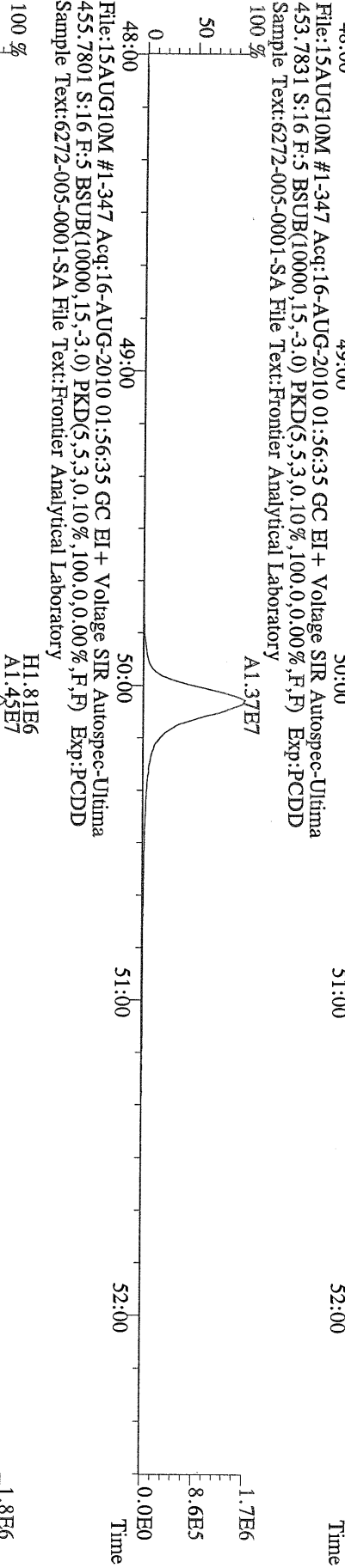
File:15AUG10M #1-541 Acq:16-AUG-2010 01:56:35 GC EI+ Voltage SIR Autospec-Ultima
 479.7165 S:16 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



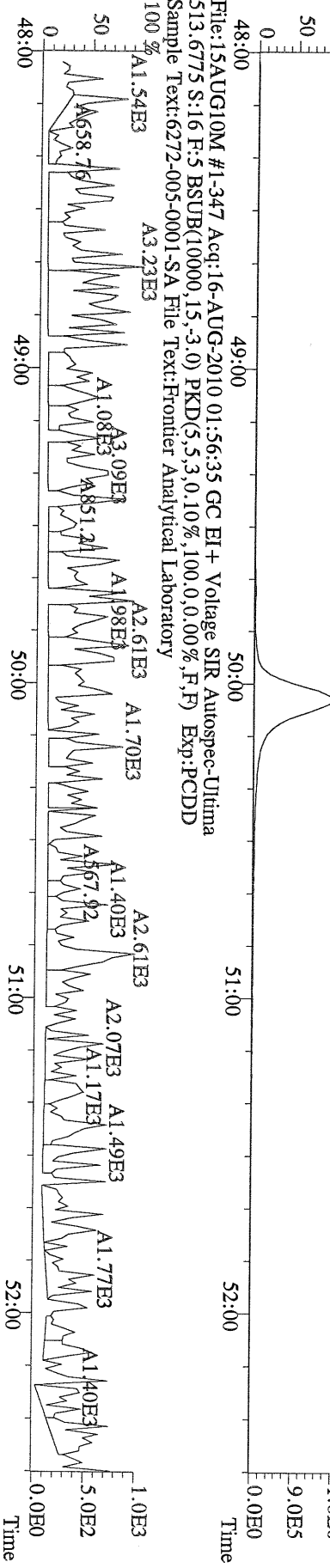
File:15AUG10M #1-347 Acq:16-AUG-2010 01:56:35 GC EI + Voltage SIR Autospec-Ultima
 441.7428 S:16 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory
 100 %



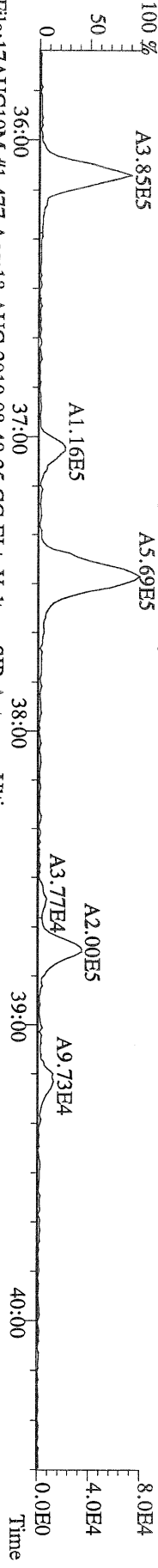
File:15AUG10M #1-347 Acq:16-AUG-2010 01:56:35 GC EI + Voltage SIR Autospec-Ultima
 453.7831 S:16 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory
 100 %



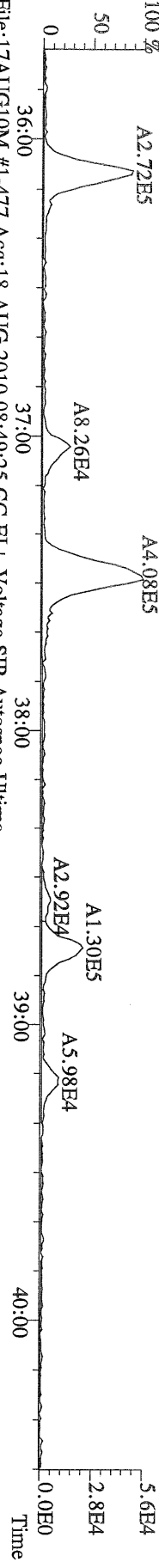
File:15AUG10M #1-347 Acq:16-AUG-2010 01:56:35 GC EI + Voltage SIR Autospec-Ultima
 513.6775 S:16 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory
 100 %



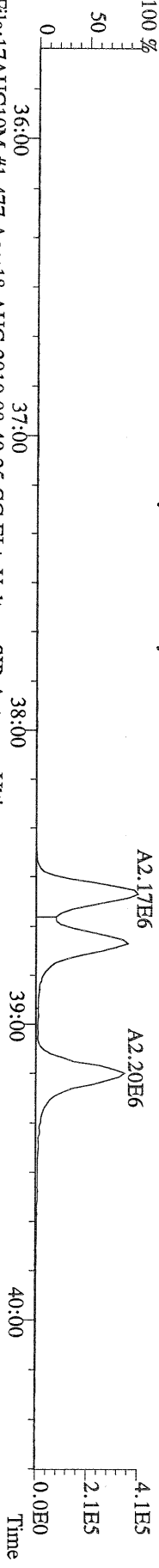
File:17AUG10M #1-477 Acq:18-AUG-2010 08:49:25 GC EI + Voltage SIR Autospec-Ultima
 389.8156 S:28 F:3 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



File:17AUG10M #1-477 Acq:18-AUG-2010 08:49:25 GC EI + Voltage SIR Autospec-Ultima
 391.8127 S:28 F:3 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



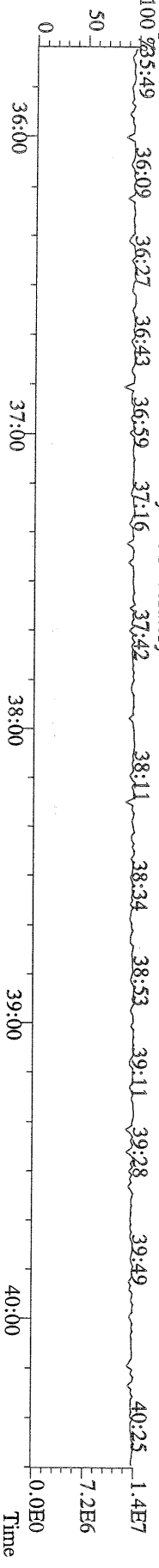
File:17AUG10M #1-477 Acq:18-AUG-2010 08:49:25 GC EI + Voltage SIR Autospec-Ultima
 401.8559 S:28 F:3 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



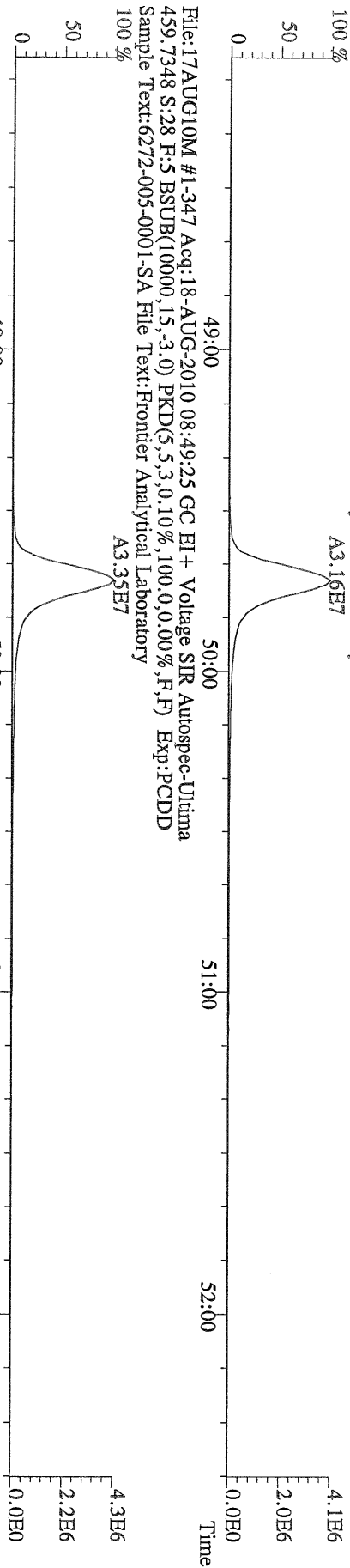
File:17AUG10M #1-477 Acq:18-AUG-2010 08:49:25 GC EI + Voltage SIR Autospec-Ultima
 403.8530 S:28 F:3 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



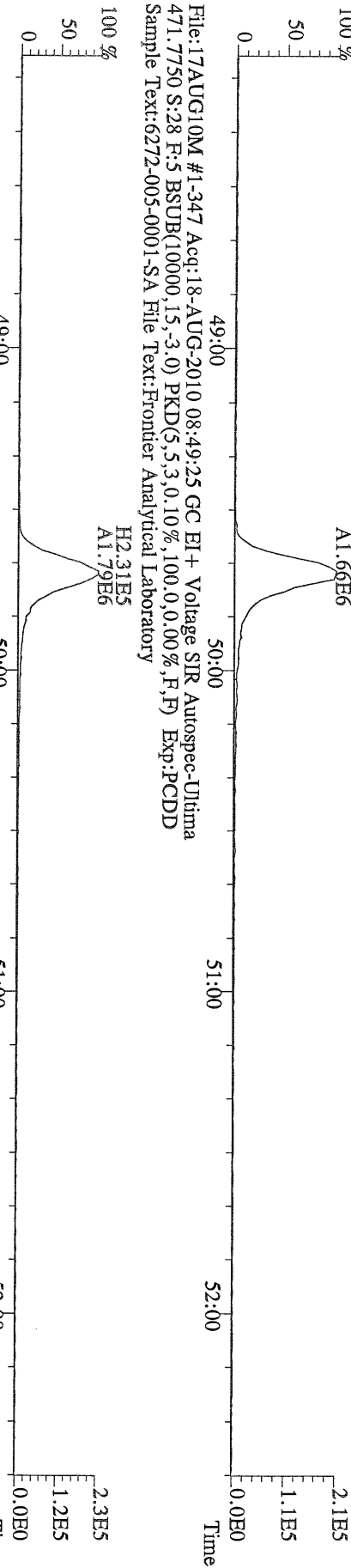
File:17AUG10M #1-477 Acq:18-AUG-2010 08:49:25 GC EI + Voltage SIR Autospec-Ultima
 380.9760 S:28 F:3 Exp:PCDD
 Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



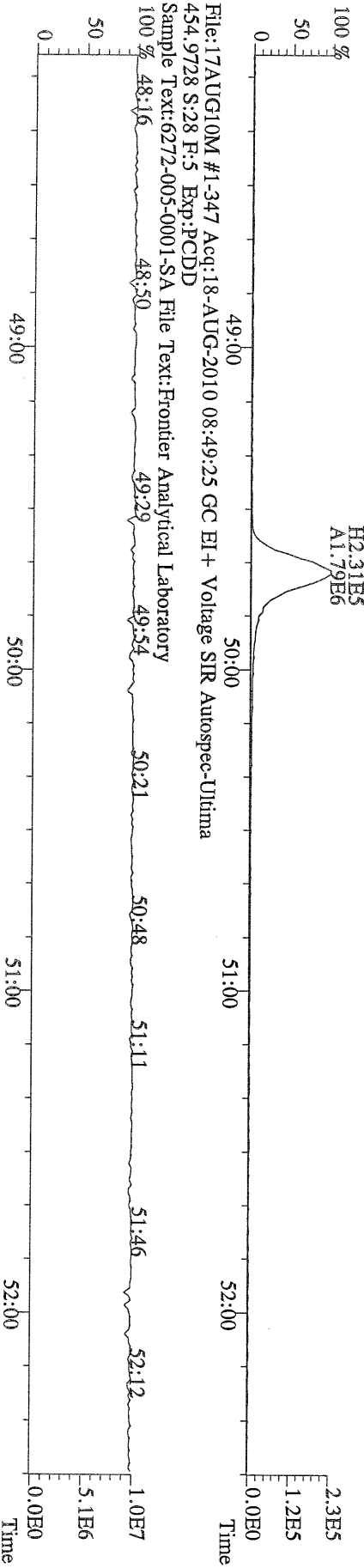
File:17AUG10M #1-347 Acq:18-AUG-2010 08:49:25 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:28 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory
100 %



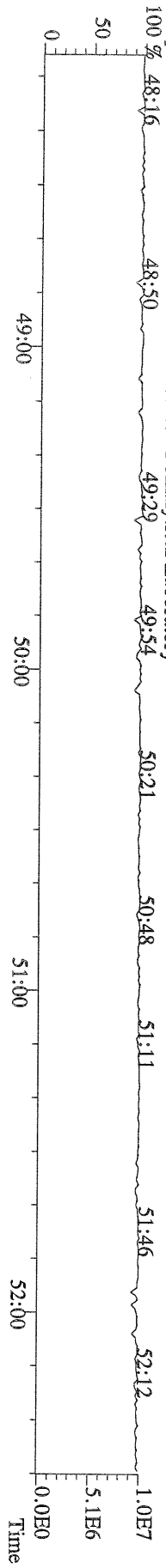
File:17AUG10M #1-347 Acq:18-AUG-2010 08:49:25 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:28 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory
100 %



File:17AUG10M #1-347 Acq:18-AUG-2010 08:49:25 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:28 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



File:17AUG10M #1-347 Acq:18-AUG-2010 08:49:25 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:28 F:5 Exp:PCDD
Sample Text:6272-005-0001-SA File Text:Frontier Analytical Laboratory



Totals class: Total Tetra-Dioxins

Entry #: 38

Run: 19

File: 15AUG10M

S: 14 I: 1 F: 1

Acquired: 16-AUG-10 00:05:56

Total Concentration: 3.85

Unnamed Concentration: 3.849

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:22	3.34e+04	4.49e+04	0.74 y	7.83e+04	2.15	
24:39	2.88e+04	3.28e+04	0.88 y	6.16e+04	1.69	

Totals class: Total Penta-Dioxins

Entry #: 39

Run: 19 File: 15AUG10M S: 14 I: 1 F: 2
Acquired: 16-AUG-10 00:05:56

Total Concentration: 5.05

Unnamed Concentration: 5.045

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:12	4.60e+04	2.97e+04	1.55 y	7.57e+04	2.40	
31:26	2.82e+04	1.72e+04	1.64 y	4.53e+04	1.44	
31:49	2.32e+04	1.50e+04	1.55 y	3.82e+04	1.21	

Totals class: Total Hexa-Dioxins

Entry #: 40

Run: 19 File: 15AUG10M
Acquired: 16-AUG-10 00:05:56

S: 14 I: 1 F: 3

Total Concentration: 18.6

Unnamed Concentration: 14.528

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:05	6.44e+04	4.83e+04	1.33 y	1.13e+05	4.29	
37:02	6.30e+04	4.47e+04	1.41 y	1.08e+05	4.11	
37:27	9.28e+04	6.80e+04	1.36 y	1.61e+05	6.13	
38:32	1.14e+04	9.69e+03	1.18 y	2.11e+04	0.780	1,2,3,4,7,8-HxCDD
38:43	2.87e+04	2.08e+04	1.38 y	4.95e+04	1.90	1,2,3,6,7,8-HxCDD
39:09	1.91e+04	1.52e+04	1.26 y	3.44e+04	1.34	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins

Entry #: 41

Run: 19 File: 15AUG10M S: 14 I: 1 F: 4
Acquired: 16-AUG-10 00:05:56

Total Concentration: 97.5

Unnamed Concentration: 47.263

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:45	5.05e+05	5.02e+05	1.01 y	1.01e+06	47.3	
44:09	5.35e+05	5.37e+05	1.00 y	1.07e+06	50.3	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans

Entry #: 42

Run: 19 File: 15AUG10M S: 14 I: 1 F: 1
Acquired: 16-AUG-10 00:05:56

Total Concentration: 11.6

Unnamed Concentration: 11.028

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
23:25	1.29e+04	1.84e+04	0.70 y	3.13e+04	0.370	
23:47	4.42e+04	6.17e+04	0.72 y	1.06e+05	1.25	
24:09	5.48e+04	7.57e+04	0.72 y	1.31e+05	1.54	
24:26	3.94e+04	5.36e+04	0.73 y	9.29e+04	1.10	
24:42	3.90e+04	5.21e+04	0.75 y	9.10e+04	1.08	
24:55	1.60e+04	2.06e+04	0.77 y	3.66e+04	0.432	
25:19	2.63e+04	3.80e+04	0.69 y	6.43e+04	0.759	
25:25	3.31e+04	4.61e+04	0.72 y	7.92e+04	0.935	
25:32	2.05e+04	2.74e+04	0.75 y	4.79e+04	0.566	
25:53	2.72e+04	3.65e+04	0.74 y	6.37e+04	0.753	
26:07	1.46e+04	1.95e+04	0.74 y	3.41e+04	0.403	
26:15	1.44e+04	1.97e+04	0.73 y	3.40e+04	0.402	
26:27	1.82e+04	2.53e+04	0.72 y	4.35e+04	0.514	
26:38	2.18e+04	2.77e+04	0.79 y	4.95e+04	0.585	2,3,7,8-TCDF
26:58	3.17e+04	4.69e+04	0.68 y	7.86e+04	0.928	

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

Run: 19 File: 15AUG10M S: 14 I: 1 F: 1
Acquired: 16-AUG-10 00:05:56

Total Concentration: 4.05 Unnamed Concentration: 4.048

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:25	9.45e+04	7.14e+04	1.32 y	1.66e+05	4.05	

Totals class: Total Penta-Furans

Entry #: 44

Run: 19 File: 15AUG10M S: 14 I: 1 F: 2
Acquired: 16-AUG-10 00:05:56

Total Concentration: 5.98

Unnamed Concentration: 5.174

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:02	1.91e+04	1.11e+04	1.73 y	3.02e+04	0.736	
30:11	6.55e+04	4.29e+04	1.53 y	1.08e+05	2.64	
30:54	2.60e+04	1.73e+04	1.50 y	4.33e+04	1.06	
31:47	1.74e+04	1.28e+04	1.35 y	3.02e+04	0.738	
32:48	1.93e+04	1.33e+04	1.45 y	3.26e+04	0.808	2,3,4,7,8-PeCDF

Totals class: Total Hexa-Furans

Entry #: 45

Run: 19 File: 15AUG10M
Acquired: 16-AUG-10 00:05:56

S: 14 I: 1 F: 3

Total Concentration: 19.7

Unnamed Concentration: 16.919

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:13	3.33e+04	2.62e+04	1.27 y	5.96e+04	1.67	
35:28	1.12e+05	9.15e+04	1.22 y	2.03e+05	5.70	
36:23	1.88e+05	1.52e+05	1.24 y	3.40e+05	9.55	
37:10	2.08e+04	1.72e+04	1.21 y	3.81e+04	1.03	1,2,3,4,7,8-HxCDF
37:22	1.50e+04	1.25e+04	1.20 y	2.75e+04	0.694	1,2,3,6,7,8-HxCDF
38:18	1.85e+04	1.66e+04	1.12 y	3.51e+04	1.02	2,3,4,6,7,8-HxCDF

Totals class: Total Hepta-Furans

Entry #: 46

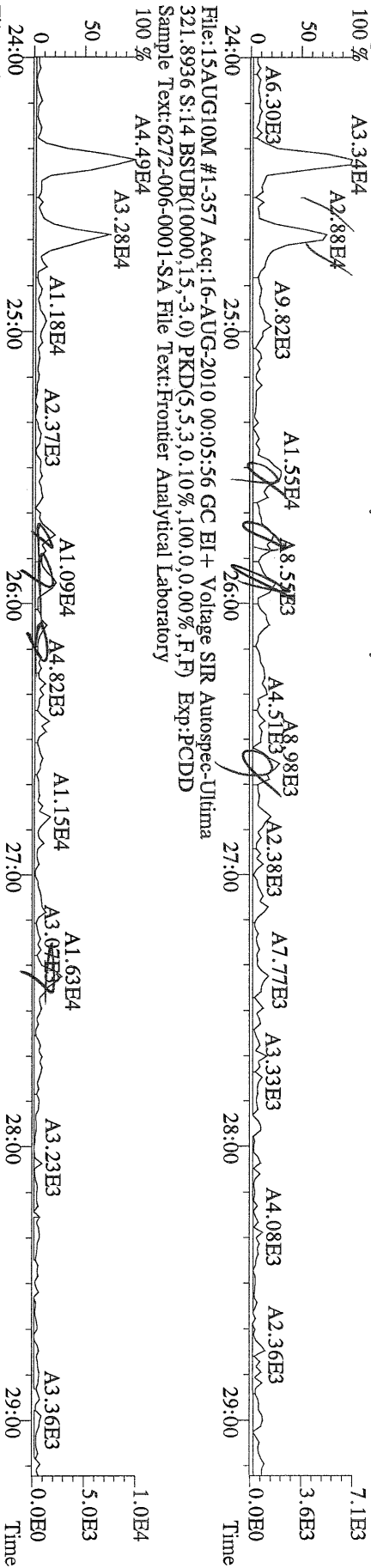
Run: 19 File: 15AUG10M S: 14 I: 1 F: 4
Acquired: 16-AUG-10 00:05:56

Total Concentration: 60.0

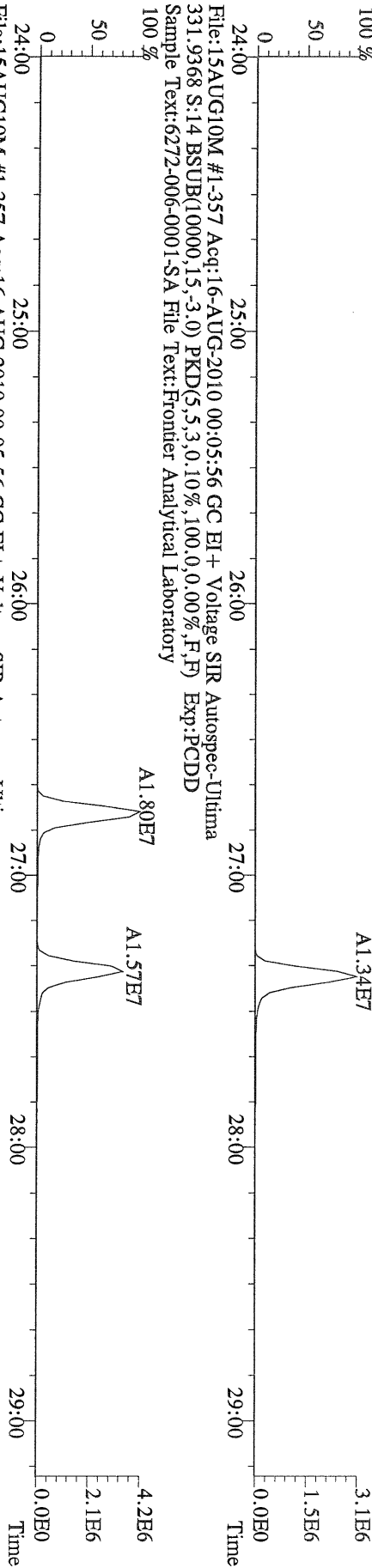
Unnamed Concentration: 42.223

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:14	2.28e+05	2.27e+05	1.01 y	4.55e+05	16.4	1,2,3,4,6,7,8-HpCDF
43:04	5.77e+05	5.53e+05	1.04 y	1.13e+06	42.2	
45:03	1.80e+04	1.59e+04	1.13 y	3.40e+04	1.30	1,2,3,4,7,8,9-HpCDF

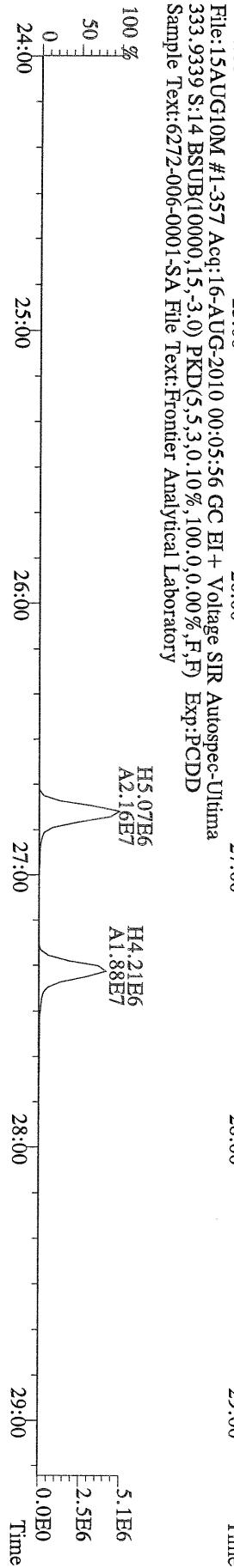
File:15AUG10M #1-357 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 319.8965 S:14 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



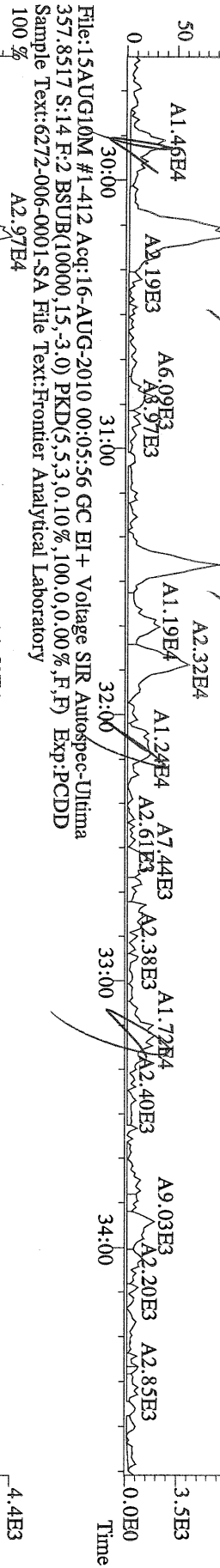
File:15AUG10M #1-357 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 327.8847 S:14 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



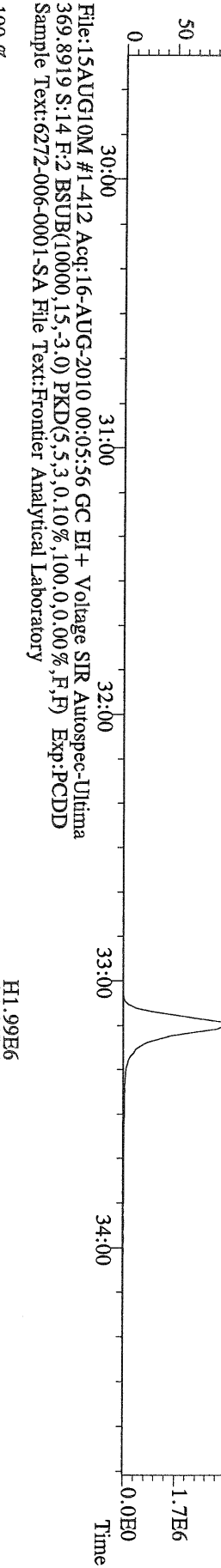
File:15AUG10M #1-357 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 333.9339 S:14 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



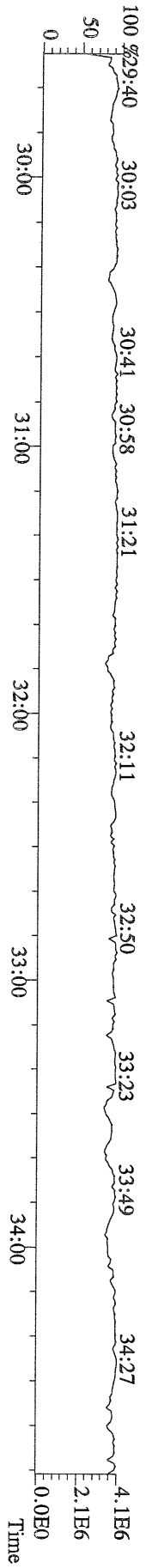
File:15AUG10M #1-412 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 355.8546 S:14 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



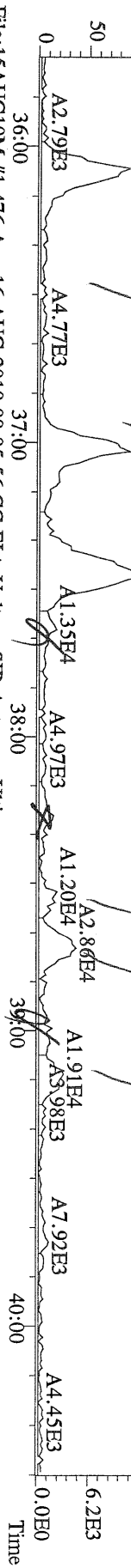
File:15AUG10M #1-412 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 357.8517 S:14 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



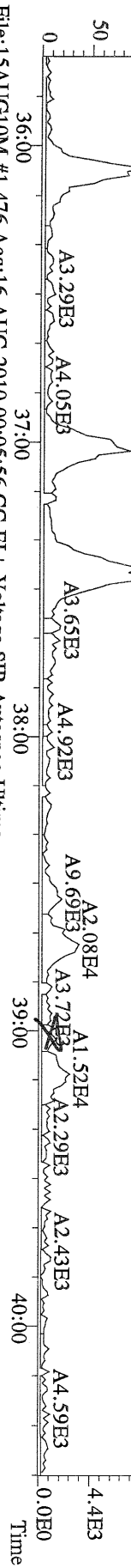
File:15AUG10M #1-412 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 366.9792 S:14 F:2 Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



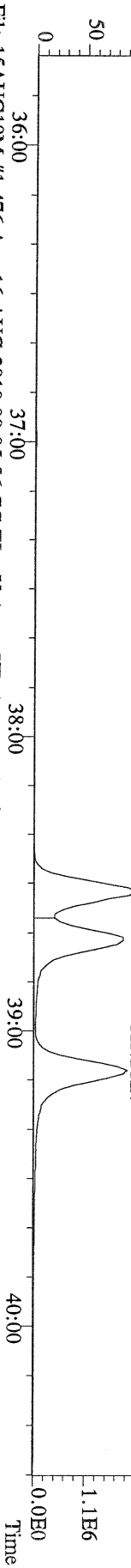
File:15AUG10M #1-476 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 389.8156 S:14 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



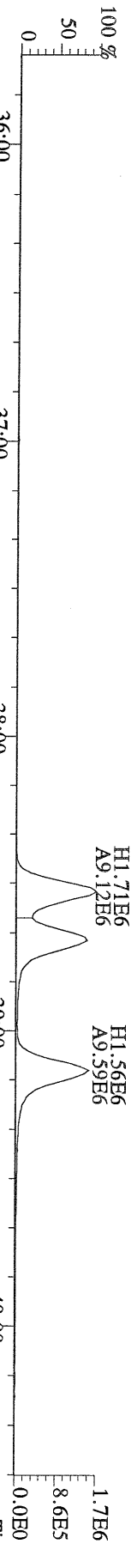
File:15AUG10M #1-476 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 391.8127 S:14 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



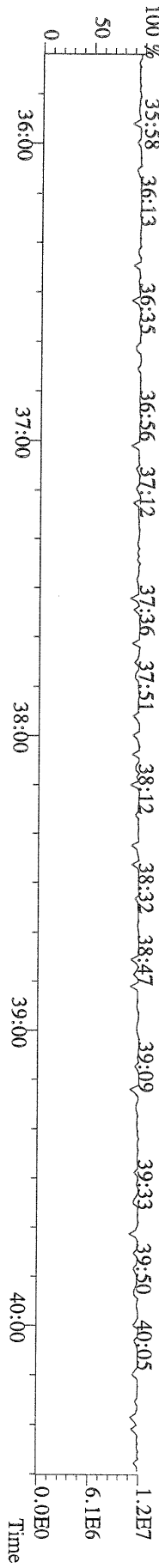
File:15AUG10M #1-476 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 401.8559 S:14 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



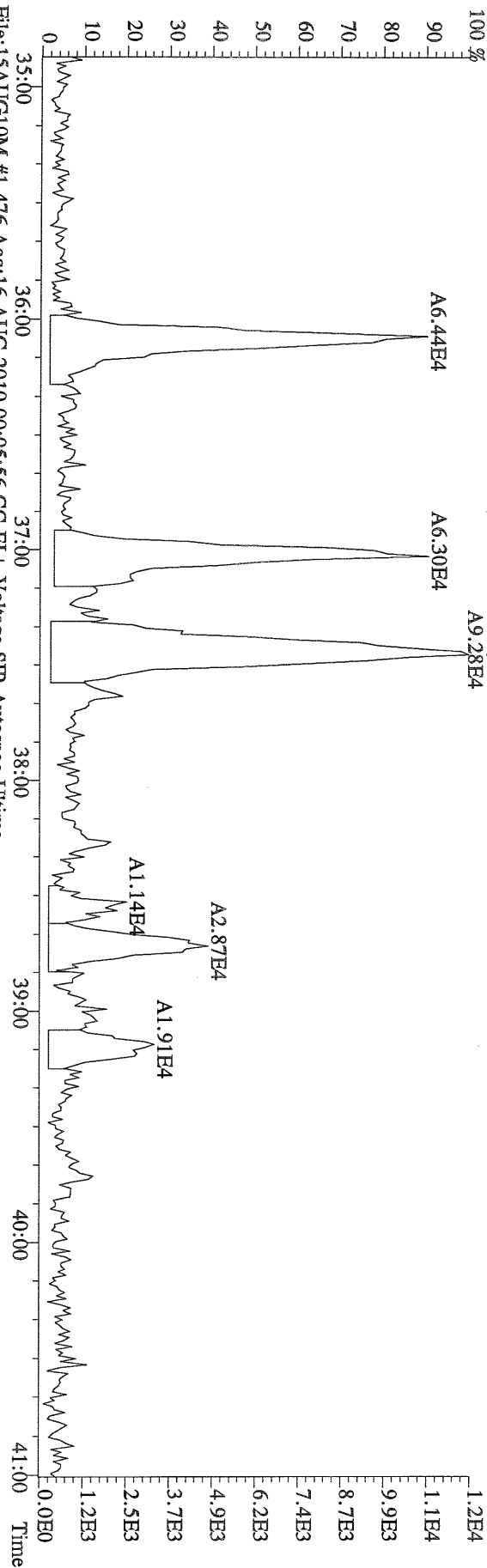
File:15AUG10M #1-476 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 403.8530 S:14 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



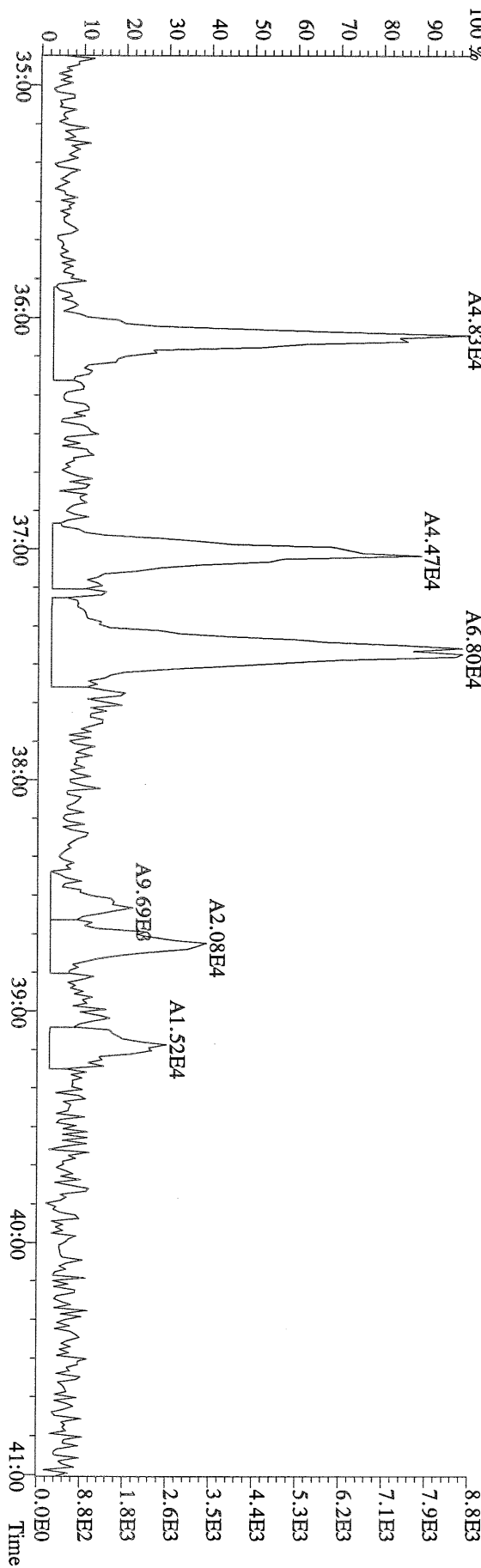
File:15AUG10M #1-476 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 380.9760 S:14 F:3 Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



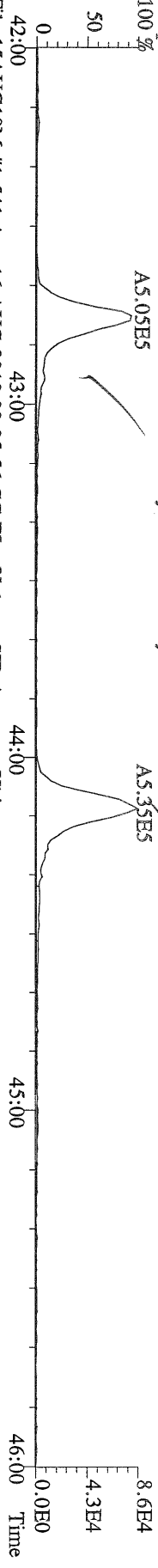
File:15AUG10M #1-476 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:14 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



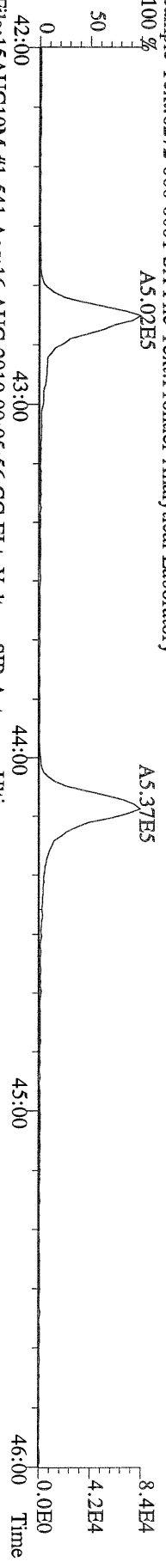
File:15AUG10M #1-476 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:14 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



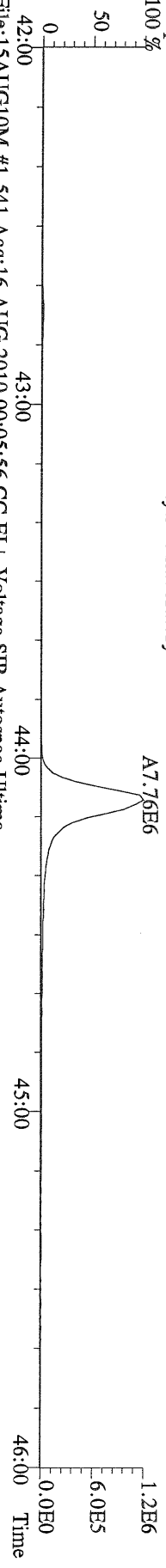
File:15AUG10M #1-541 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:14 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



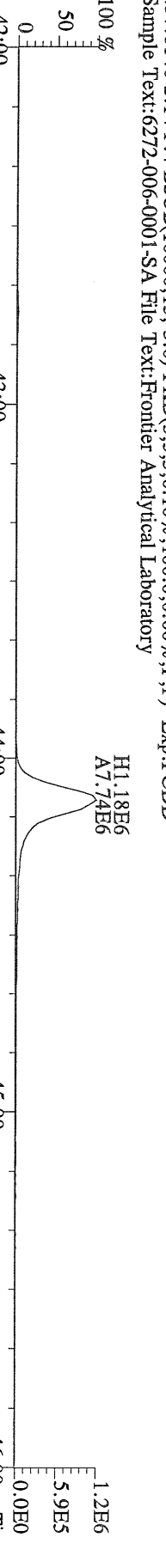
File:15AUG10M #1-541 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:14 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



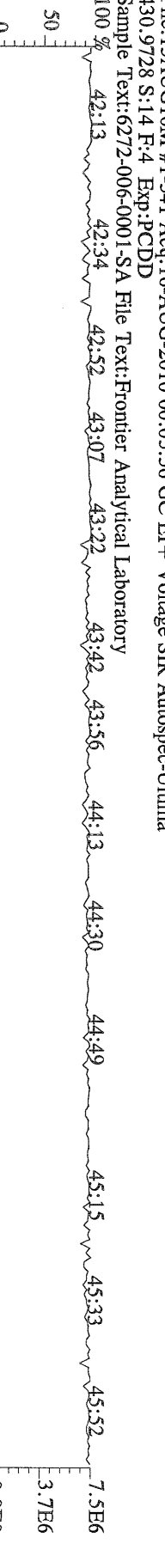
File:15AUG10M #1-541 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:14 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



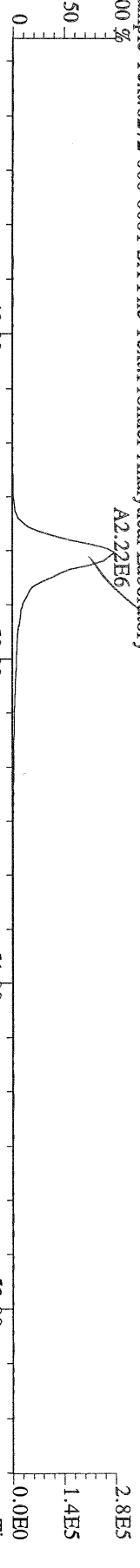
File:15AUG10M #1-541 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:14 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



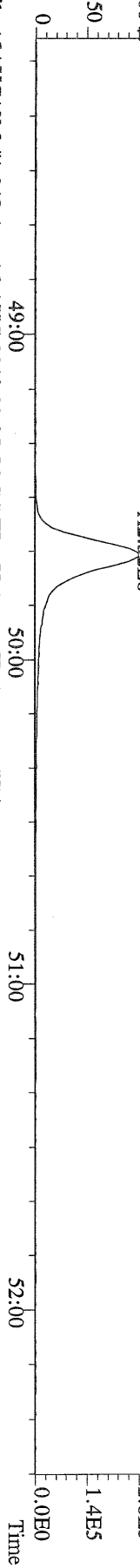
File:15AUG10M #1-541 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:14 F:4 Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



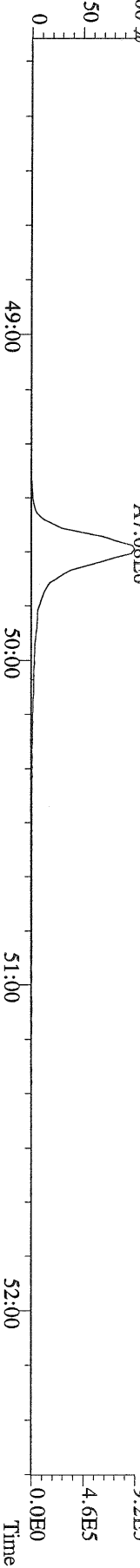
File:15AUG10M #1-348 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:14 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory
100 %



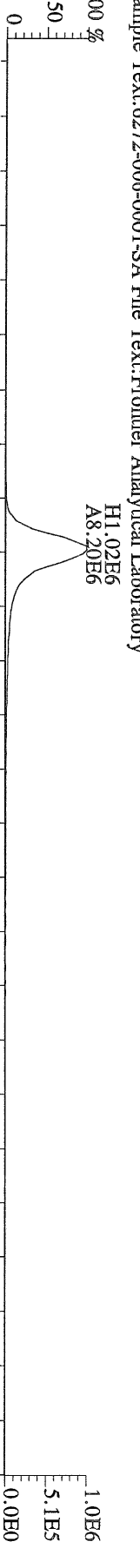
File:15AUG10M #1-348 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:14 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory
100 %



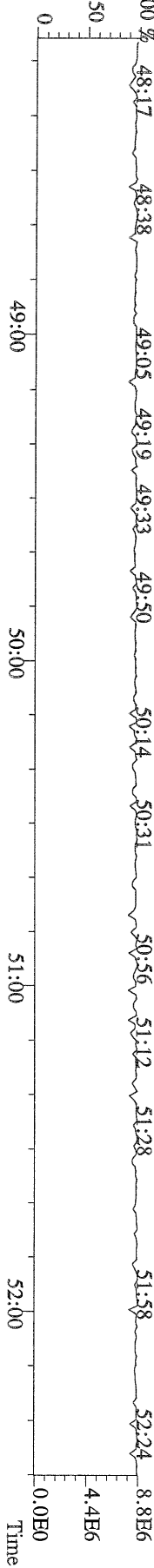
File:15AUG10M #1-348 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:14 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory
100 %



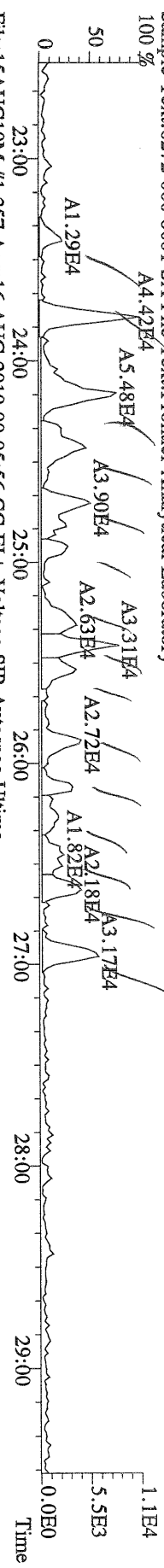
File:15AUG10M #1-348 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:14 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



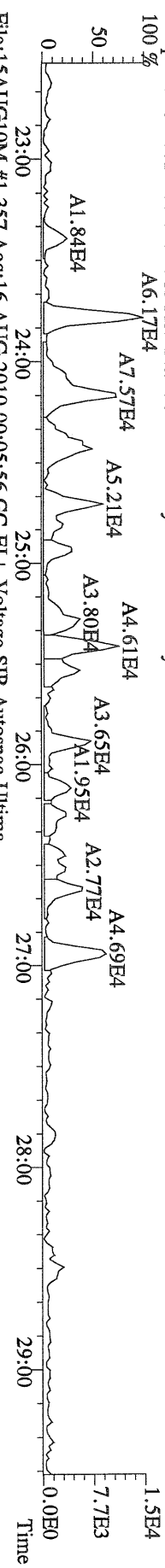
File:15AUG10M #1-348 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:14 F:5 Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



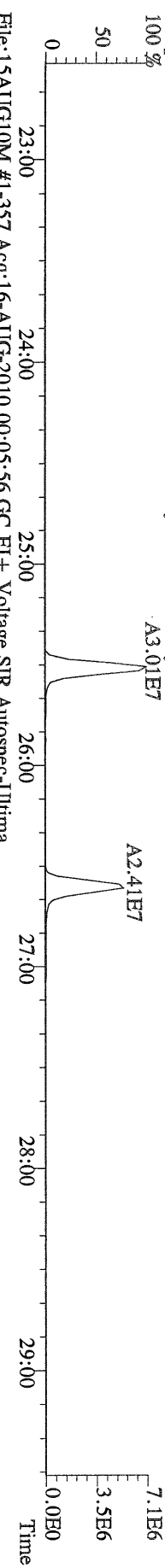
File:15AUG10M #1-357 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:14 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



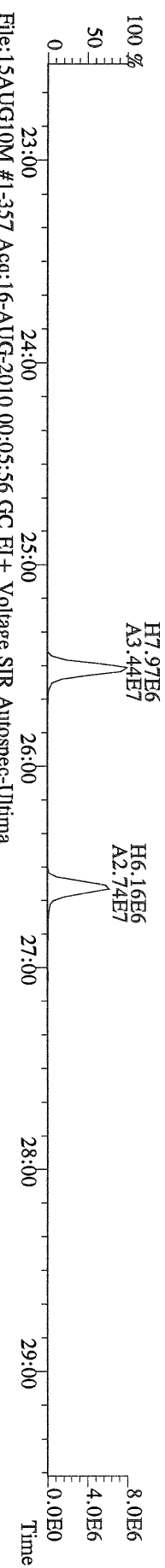
File:15AUG10M #1-357 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 305.9419 S:14 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



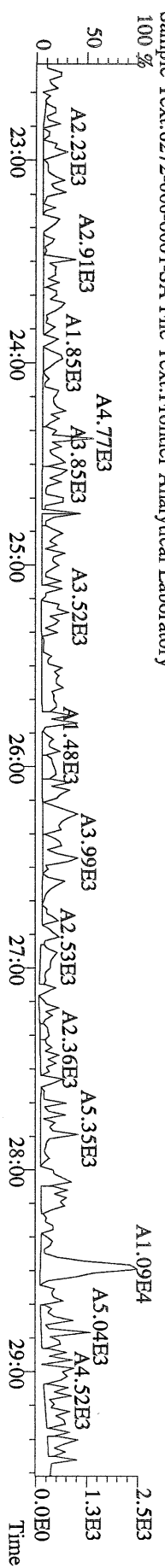
File:15AUG10M #1-357 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 317.9389 S:14 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



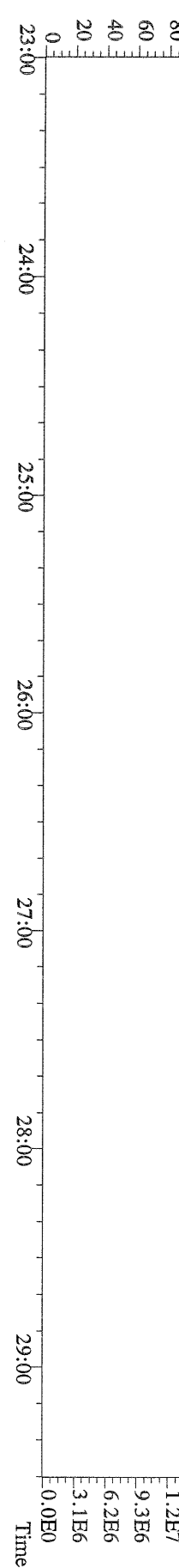
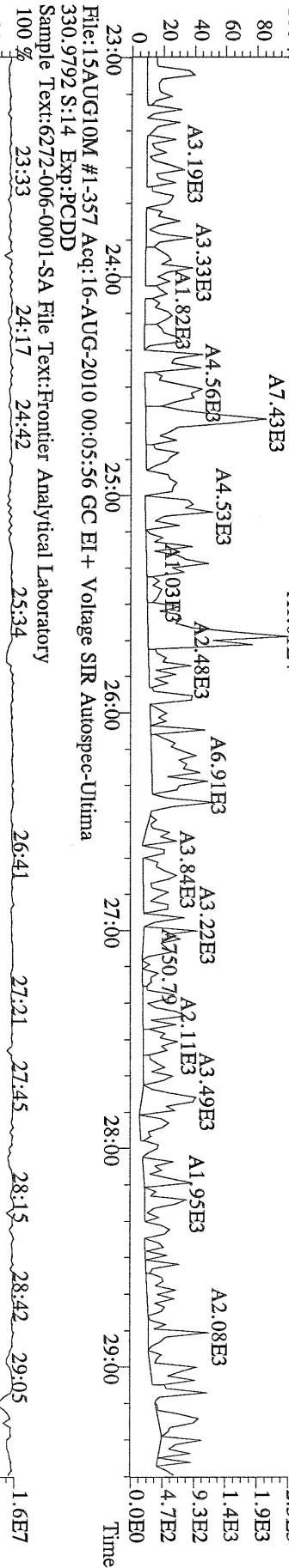
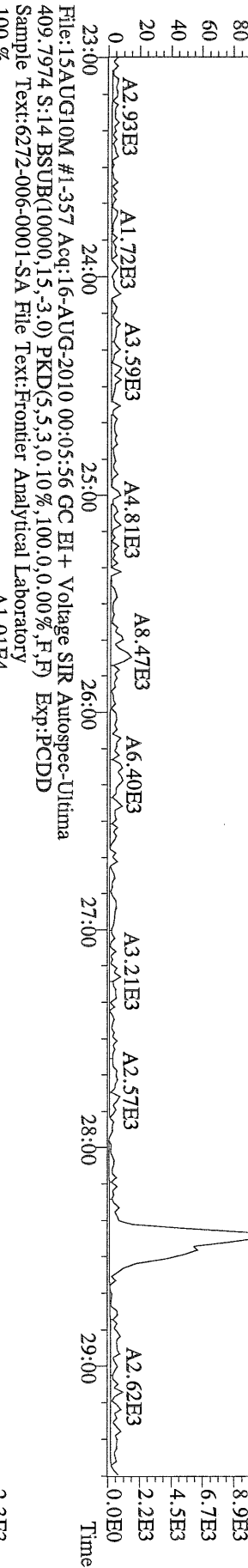
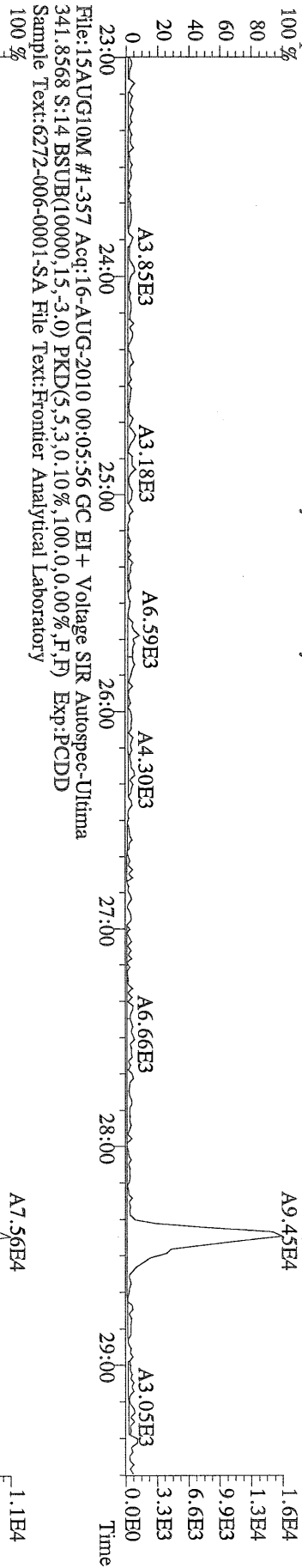
File:15AUG10M #1-357 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 317.9389 S:14 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



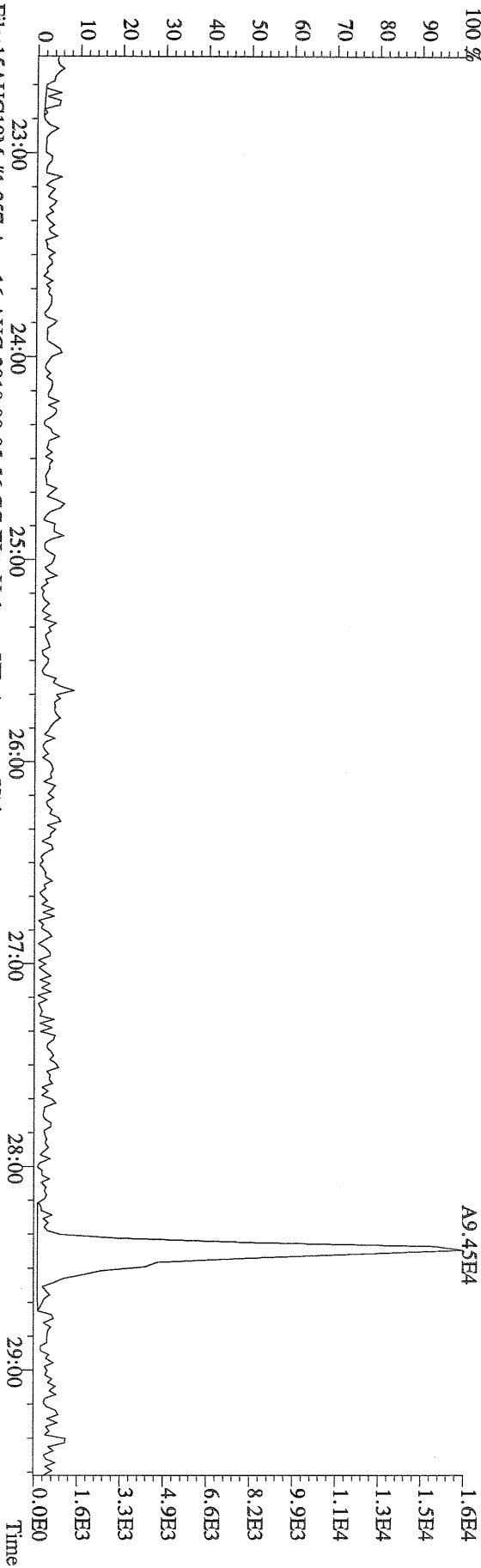
File:15AUG10M #1-357 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 S:14 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



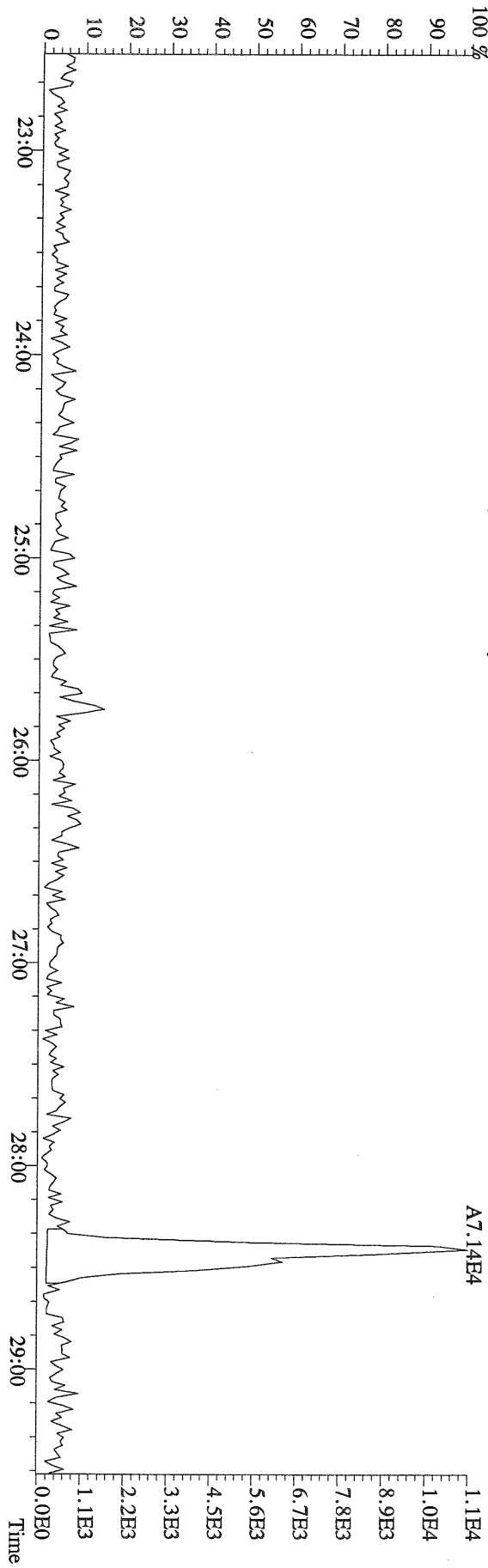
File:15AUG10M #1-357 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:14 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



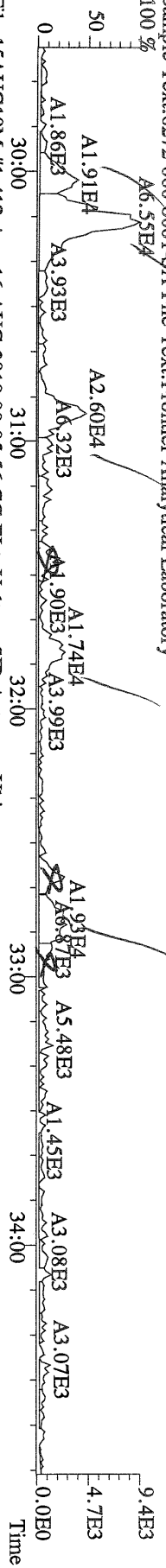
File:15AUG10M #1-357 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:14 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory
100 %



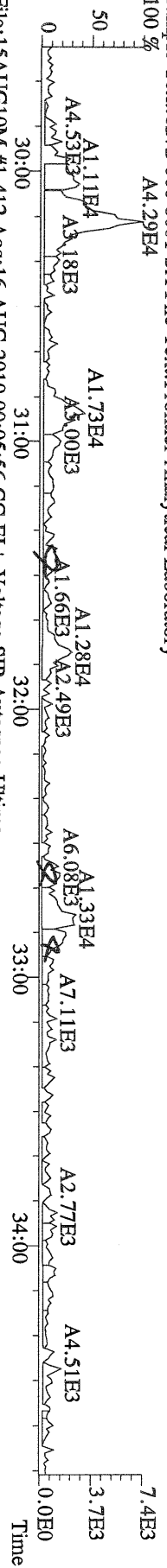
File:15AUG10M #1-357 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:14 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory
100 %



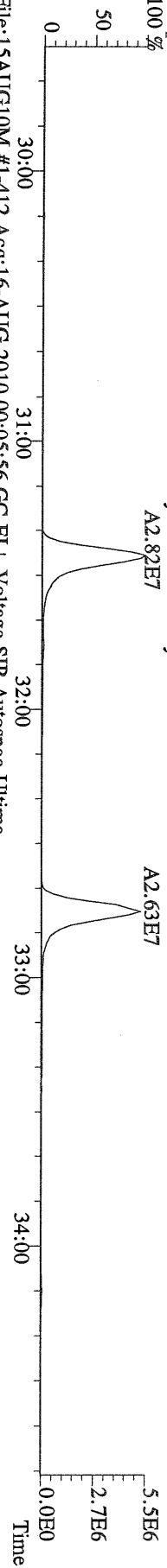
File:15AUG10M #1-412 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:14 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



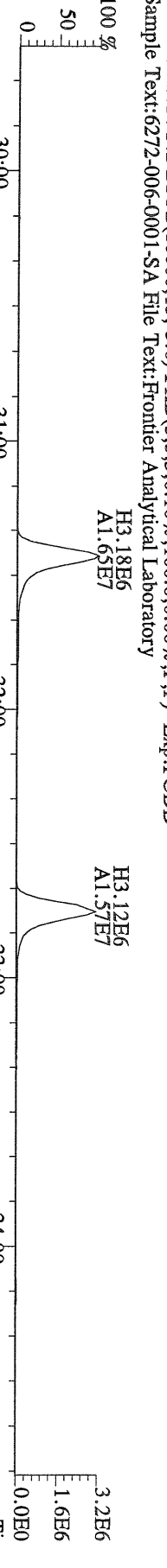
File:15AUG10M #1-412 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:14 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



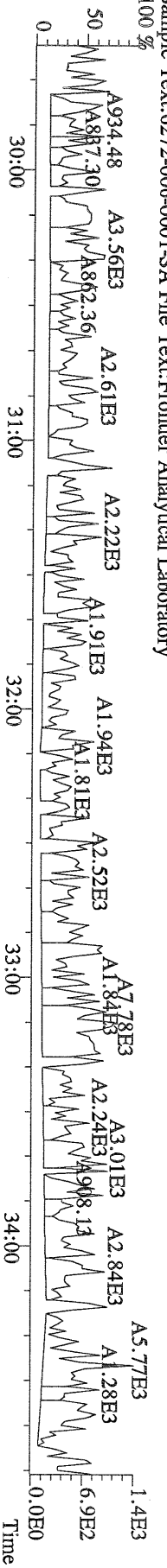
File:15AUG10M #1-412 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 S:14 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



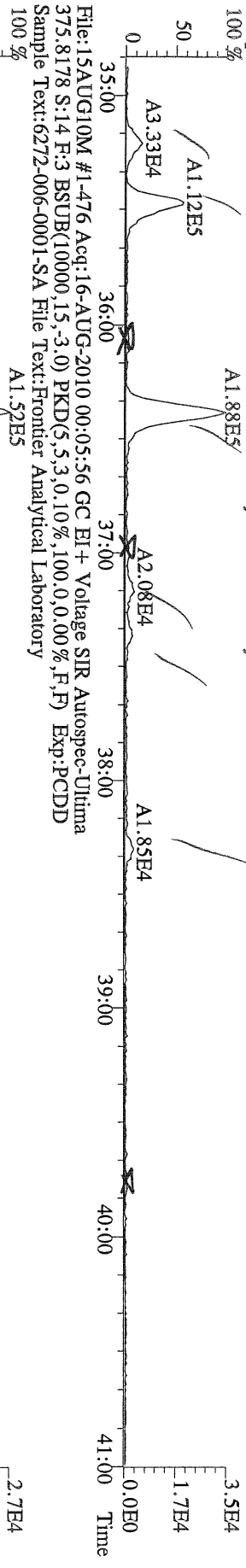
File:15AUG10M #1-412 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:14 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



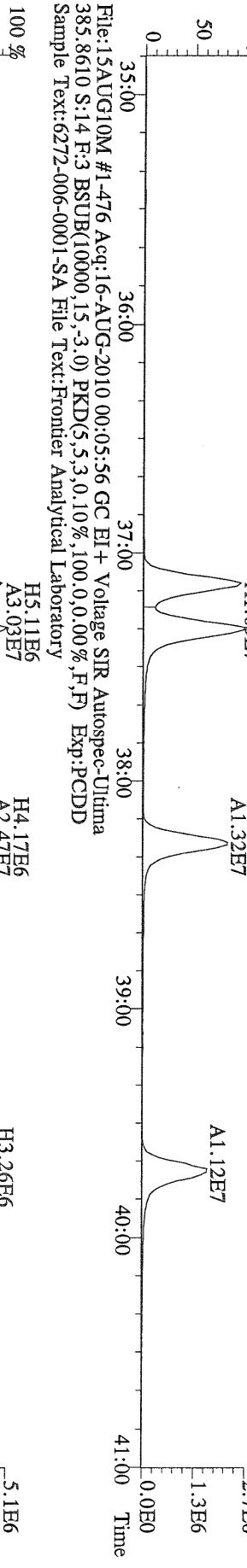
File:15AUG10M #1-412 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:14 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



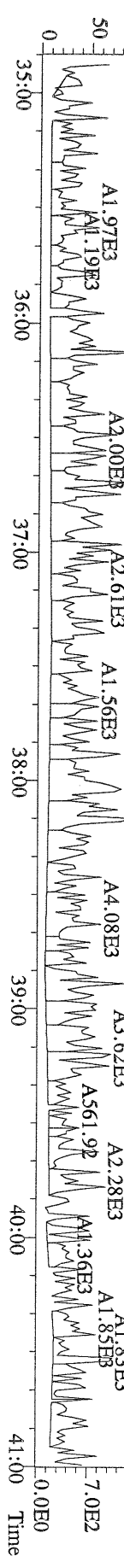
File:15AUG10M #1-476 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:14 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



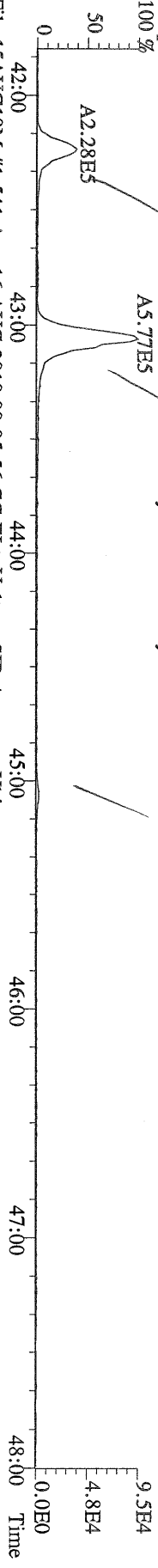
File:15AUG10M #1-476 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:14 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



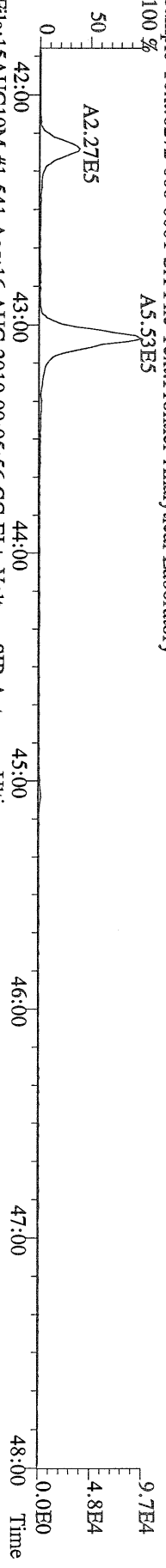
File:15AUG10M #1-476 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:14 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



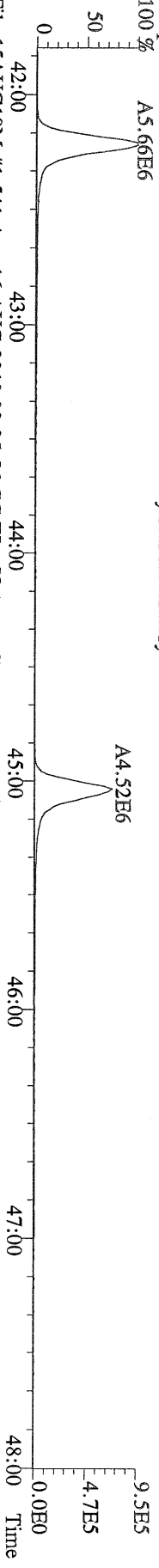
File:15AUG10M #1-541 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultime
 407.7818 S:14 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



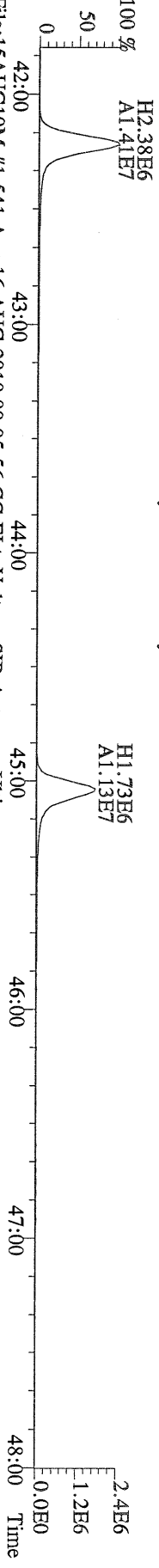
File:15AUG10M #1-541 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultime
 409.7788 S:14 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



File:15AUG10M #1-541 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultime
 417.8253 S:14 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



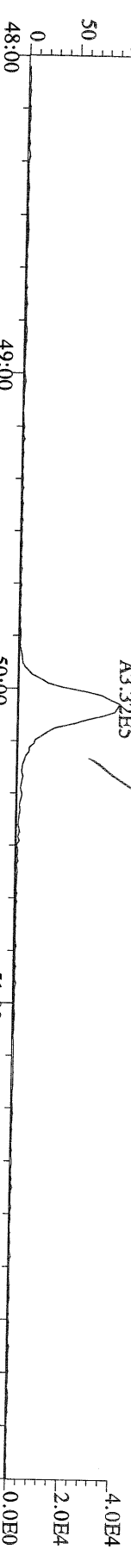
File:15AUG10M #1-541 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultime
 419.8220 S:14 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



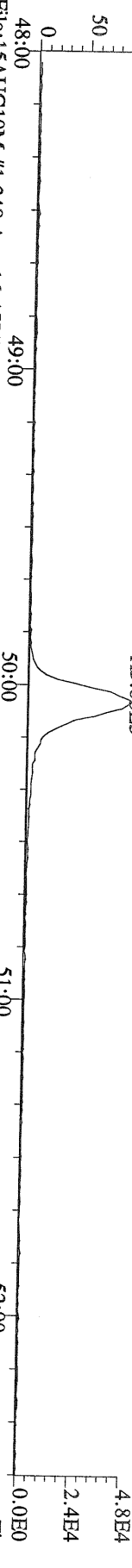
File:15AUG10M #1-541 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultime
 479.7165 S:14 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Frontier Analytical Laboratory



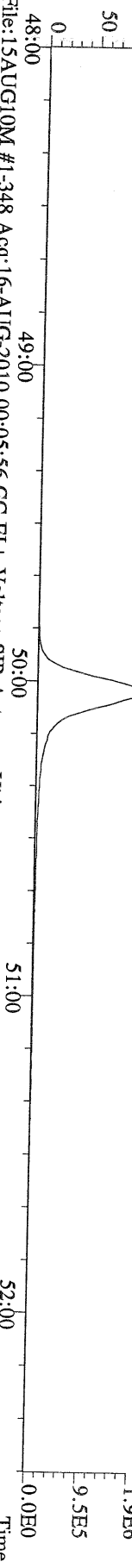
File:15AUG10M #1-348 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 441.7428 S:14 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Fronter Analytical Laboratory
 100 %



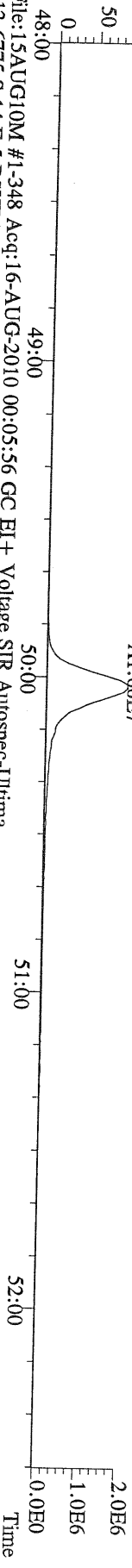
File:15AUG10M #1-348 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 443.7398 S:14 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Fronter Analytical Laboratory
 100 %



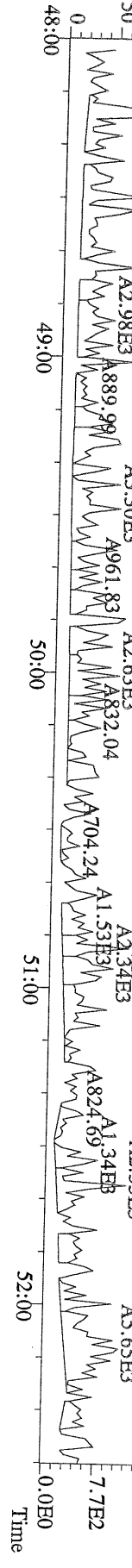
File:15AUG10M #1-348 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 453.7831 S:14 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Fronter Analytical Laboratory
 100 %



File:15AUG10M #1-348 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 455.7801 S:14 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Fronter Analytical Laboratory
 100 %



File:15AUG10M #1-348 Acq:16-AUG-2010 00:05:56 GC EI+ Voltage SIR Autospec-Ultima
 513.6775 S:14 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:6272-006-0001-SA File Text:Fronter Analytical Laboratory
 100 %



Frontier Analytical Laboratory

Data Filename: 12MAY10M

Analyte: PCDDFAL3-5-12-10

Cal: PCDDFAL3-5-12-10

Name	RRF	S. D.	%RSD	S1 RRF#1	S2 RRF#2	S3 RRF#3	S4 RRF#4	S5 RRF#5	S6 RRF#6
2,3,7,8-TCDD	1.04	0.0556	5.37 %	1.01	1.12	0.97	1.02	1.01	1.08
1,2,3,7,8-PeCDD	1.05	0.0453	4.33 %	1.02	1.04	1.00	1.01	1.11	1.10
1,2,3,4,7,8-HxCDD	1.30	0.0354	2.72 %	1.27	1.29	1.26	1.30	1.33	1.35
1,2,3,6,7,8-HxCDD	1.28	0.0488	3.82 %	1.25	1.23	1.27	1.24	1.33	1.34
1,2,3,7,8,9-HxCDD	1.25	0.0604	4.84 %	1.26	1.14	1.25	1.24	1.28	1.32
1,2,3,4,6,7,8-HpCDD	1.35	0.0509	3.76 %	1.26	1.33	1.36	1.37	1.40	1.40
OCDD	1.25	0.0756	6.05 %	1.22	1.13	1.24	1.27	1.32	1.33
2,3,7,8-TCDF	1.62	0.0670	4.14 %	1.65	1.74	1.59	1.56	1.57	1.60
1,2,3,7,8-PeCDF	0.92	0.0408	4.45 %	0.89	0.89	0.86	0.94	0.95	0.96
2,3,4,7,8-PeCDF	0.94	0.0433	4.58 %	0.88	0.94	0.92	0.96	1.00	0.97
1,2,3,4,7,8-HxCDF	0.93	0.0447	4.80 %	0.90	0.88	0.90	0.93	0.97	1.00
1,2,3,6,7,8-HxCDF	0.84	0.0498	5.95 %	0.78	0.79	0.83	0.84	0.89	0.90
2,3,4,6,7,8-HxCDF	0.90	0.0469	5.24 %	0.85	0.87	0.86	0.89	0.94	0.96
1,2,3,7,8,9-HxCDF	0.98	0.0559	5.68 %	0.96	0.93	0.93	0.98	1.04	1.06
1,2,3,4,6,7,8-HpCDF	1.38	0.0717	5.19 %	1.32	1.32	1.33	1.38	1.45	1.48
1,2,3,4,7,8,9-HpCDF	1.62	0.104	6.40 %	1.53	1.55	1.56	1.60	1.76	1.75
OCDF	0.74	0.0371	5.02 %	0.70	0.72	0.72	0.73	0.77	0.80
13C-2,3,7,8-TCDD	0.93	0.0199	2.15 %	0.93	0.91	0.90	0.93	0.95	0.95
13C-1,2,3,7,8-PeCDD	0.81	0.0364	4.50 %	0.83	0.78	0.75	0.83	0.80	0.85
13C-1,2,3,4,7,8-HxCDD	0.95	0.0375	3.96 %	0.90	0.90	0.94	0.97	0.97	0.99
13C-1,2,3,6,7,8-HxCDD	1.00	0.0182	1.83 %	0.99	1.02	1.00	1.02	0.99	0.97
13C-1,2,3,4,6,7,8-HpCDD	0.92	0.0204	2.22 %	0.92	0.95	0.93	0.92	0.89	0.92
13C-OCDD	0.63	0.0244	3.86 %	0.64	0.63	0.62	0.64	0.59	0.67
13C-2,3,7,8-TCDF	0.87	0.0146	1.68 %	0.87	0.84	0.87	0.89	0.86	0.88
13C-1,2,3,7,8-PeCDF	0.81	0.0502	6.23 %	0.84	0.76	0.75	0.88	0.78	0.83
13C-2,3,4,7,8-PeCDF	0.75	0.0503	6.69 %	0.81	0.71	0.69	0.81	0.72	0.77
13C-1,2,3,4,7,8-HxCDF	1.74	0.0487	2.80 %	1.67	1.70	1.76	1.80	1.78	1.71
13C-1,2,3,6,7,8-HxCDF	2.17	0.0633	2.92 %	2.11	2.18	2.21	2.25	2.18	2.07
13C-2,3,4,6,7,8-HxCDF	1.82	0.0466	2.57 %	1.78	1.81	1.86	1.87	1.81	1.75
13C-1,2,3,7,8,9-HxCDF	1.49	0.0322	2.17 %	1.43	1.47	1.49	1.52	1.48	1.51
13C-1,2,3,4,6,7,8-HpCDF	1.10	0.0149	1.36 %	1.07	1.10	1.11	1.11	1.09	1.10
13C-1,2,3,4,7,8,9-HpCDF	0.81	0.0231	2.83 %	0.82	0.84	0.81	0.82	0.77	0.82
13C-OCDF	1.19	0.0430	3.63 %	1.20	1.15	1.16	1.18	1.16	1.27
37Cl-2,3,7,8-TCDD	0.93	0.0664	7.14 %	0.89	1.00	0.84	0.89	0.97	1.00
13C-1,2,3,4-TCDD	-	-	- %	-	-	-	-	-	-
13C-1,2,3,4-TCDF	-	-	- %	-	-	-	-	-	-
13C-1,2,3,7,8,9-HxCDD	-	-	- %	-	-	-	-	-	-
Total Tetra-Dioxins	1.04	0.0556	5.37 %	1.01	1.12	0.97	1.02	1.01	1.08
Total Penta-Dioxins	1.05	0.0453	4.33 %	1.02	1.04	1.00	1.01	1.11	1.10
Total Hexa-Dioxins	1.27	0.0431	3.38 %	1.26	1.22	1.26	1.26	1.31	1.34
Total Hepta-Dioxins	1.35	0.0509	3.76 %	1.26	1.33	1.36	1.37	1.40	1.40
Total Tetra-Furans	1.62	0.0670	4.14 %	1.65	1.74	1.59	1.56	1.57	1.60
1st Fn. Tot Penta-Furans	0.93	0.0398	4.28 %	0.88	0.91	0.89	0.95	0.98	0.96
Total Penta-Furans	0.93	0.0398	4.28 %	0.88	0.91	0.89	0.95	0.98	0.96
Total Hexa-Furans	0.90	0.0483	5.34 %	0.86	0.86	0.87	0.90	0.95	0.97
Total Hepta-Furans	1.48	0.0839	5.65 %	1.41	1.42	1.43	1.47	1.58	1.60

Analyst: 

Date: 5/13/10

Run #2 Filename 12MAY10M
Client ID: ST051210M1

S: 2 Acquired: 12-MAY-10 14:18:09 Cal: PCDDFAL3-5-12-10
Analyte: FAL ID: 1613 CS1 090918H

Typ	Name	Amount	Resp	RA	RT	RF	RRF
1 Unk	2,3,7,8-TCDD	0.50	1.68e+05	0.79 y	27:26	-	1.12 y
2 Unk	1,2,3,7,8-PeCDD	2.50	6.69e+05	1.68 y	33:15	-	1.04 y
3 Unk	1,2,3,4,7,8-HxCDD	2.50	5.98e+05	1.29 y	38:34	-	1.29 y
4 Unk	1,2,3,6,7,8-HxCDD	2.50	6.42e+05	1.28 y	38:44	-	1.23 y
5 Unk	1,2,3,7,8,9-HxCDD	2.50	5.62e+05	1.33 y	39:10	-	1.14 y
6 Unk	1,2,3,4,6,7,8-HpCDD	2.50	6.52e+05	1.07 y	44:10	-	1.33 y
7 Unk	OCDD	5.00	7.33e+05	0.93 y	49:40	-	1.13 y
8 Unk	2,3,7,8-TCDF	0.50	3.85e+05	0.67 y	26:41	-	1.74 y
9 Unk	1,2,3,7,8-PeCDF	2.50	8.92e+05	1.44 y	31:30	-	0.894 y
10 Unk	2,3,4,7,8-PeCDF	2.50	8.75e+05	1.46 y	32:49	-	0.935 y
11 Unk	1,2,3,4,7,8-HxCDF	2.50	7.75e+05	1.30 y	37:11	-	0.884 y
12 Unk	1,2,3,6,7,8-HxCDF	2.50	8.85e+05	1.29 y	37:23	-	0.787 y
13 Unk	2,3,4,6,7,8-HxCDF	2.50	8.14e+05	1.28 y	38:19	-	0.873 y
14 Unk	1,2,3,7,8,9-HxCDF	2.50	7.09e+05	1.16 y	39:45	-	0.934 y
15 Unk	1,2,3,4,6,7,8-HpCDF	2.50	7.48e+05	1.04 y	42:14	-	1.32 y
16 Unk	1,2,3,4,7,8,9-HpCDF	2.50	6.73e+05	1.07 y	45:04	-	1.55 y
17 Unk	OCDF	5.00	8.52e+05	0.91 y	50:02	-	0.719 y
18 IS/RT	13C-2,3,7,8-TCDD	100.00	2.98e+07	0.79 y	27:25	-	0.909 y
19 IS	13C-1,2,3,7,8-PeCDD	100.00	2.56e+07	1.78 y	33:13	-	0.782 y
20 IS	13C-1,2,3,4,7,8-HxCDD	100.00	1.86e+07	1.29 y	38:33	-	0.901 y
21 IS	13C-1,2,3,6,7,8-HxCDD	100.00	2.09e+07	1.28 y	38:43	-	1.02 y
22 IS	13C-1,2,3,4,6,7,8-HpCDD	100.00	1.95e+07	1.02 y	44:08	-	0.948 y
23 IS	13C-OCDD	200.00	2.60e+07	0.92 y	49:39	-	0.632 y
24 IS	13C-2,3,7,8-TCDF	100.00	4.43e+07	0.87 y	26:40	-	0.843 y
25 IS	13C-1,2,3,7,8-PeCDF	100.00	3.99e+07	1.70 y	31:29	-	0.760 y
26 IS	13C-2,3,4,7,8-PeCDF	100.00	3.74e+07	1.70 y	32:48	-	0.712 y
27 IS	13C-1,2,3,4,7,8-HxCDF	100.00	3.51e+07	0.56 y	37:10	-	1.70 y
28 IS	13C-1,2,3,6,7,8-HxCDF	100.00	4.50e+07	0.56 y	37:21	-	2.18 y
29 IS	13C-2,3,4,6,7,8-HxCDF	100.00	3.73e+07	0.54 y	38:18	-	1.81 y
30 IS	13C-1,2,3,7,8,9-HxCDF	100.00	3.04e+07	0.57 y	39:44	-	1.47 y
31 IS	13C-1,2,3,4,6,7,8-HpCDF	100.00	2.27e+07	0.44 y	42:14	-	1.10 y
32 IS	13C-1,2,3,4,7,8,9-HpCDF	100.00	1.73e+07	0.43 y	45:03	-	0.840 y
33 IS	13C-OCDF	200.00	4.74e+07	0.98 y	50:02	-	1.15 y
34 C/Up	37Cl-2,3,7,8-TCDD	0.50	1.63e+05		27:26	-	0.995 y
35 RS	13C-1,2,3,4-TCDD	100.00	3.28e+07	0.80 y	26:49	3.28e+05	- n
36 RS	13C-1,2,3,4-TCDF	100.00	5.25e+07	0.88 y	25:34	5.25e+05	- n
37 RS/RT	13C-1,2,3,7,8,9-HxCDD	100.00	2.06e+07	1.30 y	39:10	2.06e+05	- n
38 Tot	Total Tetra-Dioxins	0.00	-	- n	-	-	1.12 y
39 Tot	Total Penta-Dioxins	0.00	-	- n	-	-	1.04 y
40 Tot	Total Hexa-Dioxins	0.00	-	- n	-	-	1.22 y
41 Tot	Total Hepta-Dioxins	0.00	-	- n	-	-	1.33 y
42 Tot	Total Tetra-Furans	0.00	-	- n	-	-	1.74 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	-	-	0.862 y
46 Tot	Total Hepta-Furans	0.00	-	- n	-	-	1.42 y

Analyst: 

Date: 5/13/10

Run #3 Filename 12MAY10M
Client ID: ST051210M2

S: 3

Acquired: 12-MAY-10 15:13:32

Cal: PCDDFAL3-5-12-10

Analyte:

FAL ID: 1613 CS2 0909181

Typ	Name	Amount	Resp	RA	RT	RF	RRF
1 Unk	2,3,7,8-TCDD	2.00	5.92e+05	0.78 y	27:26	-	0.972 y
2 Unk	1,2,3,7,8-PeCDD	10.00	2.54e+06	1.74 y	33:14	-	1.00 y
3 Unk	1,2,3,4,7,8-HxCDD	10.00	2.35e+06	1.32 y	38:34	-	1.26 y
4 Unk	1,2,3,6,7,8-HxCDD	10.00	2.50e+06	1.31 y	38:44	-	1.27 y
5 Unk	1,2,3,7,8,9-HxCDD	10.00	2.40e+06	1.33 y	39:11	-	1.25 y
6 Unk	1,2,3,4,6,7,8-HpCDD	10.00	2.50e+06	1.04 y	44:10	-	1.36 y
7 Unk	OCDD	20.00	3.06e+06	0.88 y	49:41	-	1.24 y
8 Unk	2,3,7,8-TCDF	2.00	1.46e+06	0.70 y	26:41	-	1.59 y
9 Unk	1,2,3,7,8-PeCDF	10.00	3.43e+06	1.51 y	31:30	-	0.862 y
10 Unk	2,3,4,7,8-PeCDF	10.00	3.37e+06	1.54 y	32:50	-	0.920 y
11 Unk	1,2,3,4,7,8-HxCDF	10.00	3.14e+06	1.28 y	37:11	-	0.897 y
12 Unk	1,2,3,6,7,8-HxCDF	10.00	3.63e+06	1.29 y	37:23	-	0.829 y
13 Unk	2,3,4,6,7,8-HxCDF	10.00	3.17e+06	1.30 y	38:20	-	0.861 y
14 Unk	1,2,3,7,8,9-HxCDF	10.00	2.76e+06	1.32 y	39:46	-	0.931 y
15 Unk	1,2,3,4,6,7,8-HpCDF	10.00	2.94e+06	1.05 y	42:15	-	1.33 y
16 Unk	1,2,3,4,7,8,9-HpCDF	10.00	2.51e+06	1.05 y	45:05	-	1.56 y
17 Unk	OCDF	20.00	3.34e+06	0.88 y	50:04	-	0.725 y
18 IS/RT	13C-2,3,7,8-TCDD	100.00	3.04e+07	0.80 y	27:25	-	0.901 y
19 IS	13C-1,2,3,7,8-PeCDD	100.00	2.54e+07	1.75 y	33:13	-	0.752 y
20 IS	13C-1,2,3,4,7,8-HxCDD	100.00	1.87e+07	1.30 y	38:34	-	0.942 y
21 IS	13C-1,2,3,6,7,8-HxCDD	100.00	1.97e+07	1.31 y	38:44	-	0.996 y
22 IS	13C-1,2,3,4,6,7,8-HpCDD	100.00	1.84e+07	1.07 y	44:08	-	0.927 y
23 IS	13C-OCDD	200.00	2.47e+07	0.98 y	49:40	-	0.623 y
24 IS	13C-2,3,7,8-TCDF	100.00	4.59e+07	0.88 y	26:40	-	0.867 y
25 IS	13C-1,2,3,7,8-PeCDF	100.00	3.98e+07	1.67 y	31:30	-	0.752 y
26 IS	13C-2,3,4,7,8-PeCDF	100.00	3.66e+07	1.69 y	32:49	-	0.692 y
27 IS	13C-1,2,3,4,7,8-HxCDF	100.00	3.49e+07	0.55 y	37:10	-	1.76 y
28 IS	13C-1,2,3,6,7,8-HxCDF	100.00	4.38e+07	0.55 y	37:22	-	2.21 y
29 IS	13C-2,3,4,6,7,8-HxCDF	100.00	3.69e+07	0.55 y	38:18	-	1.86 y
30 IS	13C-1,2,3,7,8,9-HxCDF	100.00	2.96e+07	0.56 y	39:44	-	1.49 y
31 IS	13C-1,2,3,4,6,7,8-HpCDF	100.00	2.21e+07	0.44 y	42:14	-	1.11 y
32 IS	13C-1,2,3,4,7,8,9-HpCDF	100.00	1.61e+07	0.43 y	45:03	-	0.814 y
33 IS	13C-OCDF	200.00	4.61e+07	0.96 y	50:03	-	1.16 y
34 C/Up	37Cl-2,3,7,8-TCDD	2.00	5.65e+05		27:26	-	0.836 y
35 RS	13C-1,2,3,4-TCDD	100.00	3.38e+07	0.81 y	26:51	3.38e+05	- n
36 RS	13C-1,2,3,4-TCDF	100.00	5.29e+07	0.88 y	25:34	5.29e+05	- n
37 RS/RT	13C-1,2,3,7,8,9-HxCDD	100.00	1.98e+07	1.34 y	39:10	1.98e+05	- n
38 Tot	Total Tetra-Dioxins	0.00	-	- n	-	-	0.972 y
39 Tot	Total Penta-Dioxins	0.00	-	- n	-	-	1.00 y
40 Tot	Total Hexa-Dioxins	0.00	-	- n	-	-	1.26 y
41 Tot	Total Hepta-Dioxins	0.00	-	- n	-	-	1.36 y
42 Tot	Total Tetra-Furans	0.00	-	- n	-	-	1.59 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	-	-	0.874 y
46 Tot	Total Hepta-Furans	0.00	-	- n	-	-	1.43 y

Analyst: 

Date: 5/13/10

Run #4 Filename 12MAY10M
Client ID: ST051210M3

S: 4 Acquired: 12-MAY-10 16:08:51 Cal: PCDDFAL3-5-12-10
Analyte: FAL ID: 1613 CS3 090918J

Typ	Name	Amount	Resp	RA	RT	RF	RRF
1 Unk	2,3,7,8-TCDD	10.00	3.10e+06	0.78 y	27:27	-	1.02 y
2 Unk	1,2,3,7,8-PeCDD	50.00	1.38e+07	1.70 y	33:15	-	1.01 y
3 Unk	1,2,3,4,7,8-HxCDD	50.00	1.26e+07	1.30 y	38:35	-	1.30 y
4 Unk	1,2,3,6,7,8-HxCDD	50.00	1.26e+07	1.30 y	38:45	-	1.24 y
5 Unk	1,2,3,7,8,9-HxCDD	50.00	1.23e+07	1.28 y	39:11	-	1.24 y
6 Unk	1,2,3,4,6,7,8-HpCDD	50.00	1.26e+07	1.11 y	44:10	-	1.37 y
7 Unk	OCDD	100.00	1.62e+07	0.93 y	49:41	-	1.27 y
8 Unk	2,3,7,8-TCDF	10.00	6.83e+06	0.72 y	26:41	-	1.56 y
9 Unk	1,2,3,7,8-PeCDF	50.00	2.04e+07	1.54 y	31:31	-	0.943 y
10 Unk	2,3,4,7,8-PeCDF	50.00	1.91e+07	1.55 y	32:50	-	0.962 y
11 Unk	1,2,3,4,7,8-HxCDF	50.00	1.67e+07	1.29 y	37:11	-	0.930 y
12 Unk	1,2,3,6,7,8-HxCDF	50.00	1.89e+07	1.30 y	37:24	-	0.842 y
13 Unk	2,3,4,6,7,8-HxCDF	50.00	1.67e+07	1.30 y	38:19	-	0.890 y
14 Unk	1,2,3,7,8,9-HxCDF	50.00	1.49e+07	1.27 y	39:45	-	0.976 y
15 Unk	1,2,3,4,6,7,8-HpCDF	50.00	1.54e+07	1.05 y	42:15	-	1.38 y
16 Unk	1,2,3,4,7,8,9-HpCDF	50.00	1.31e+07	1.05 y	45:04	-	1.60 y
17 Unk	OCDF	100.00	1.73e+07	0.87 y	50:04	-	0.731 y
18 IS/RT	13C-2,3,7,8-TCDD	100.00	3.06e+07	0.80 y	27:25	-	0.927 y
19 IS	13C-1,2,3,7,8-PeCDD	100.00	2.73e+07	1.77 y	33:13	-	0.828 y
20 IS	13C-1,2,3,4,7,8-HxCDD	100.00	1.94e+07	1.29 y	38:33	-	0.966 y
21 IS	13C-1,2,3,6,7,8-HxCDD	100.00	2.04e+07	1.28 y	38:43	-	1.02 y
22 IS	13C-1,2,3,4,6,7,8-HpCDD	100.00	1.84e+07	1.06 y	44:09	-	0.917 y
23 IS	13C-OCDD	200.00	2.56e+07	0.91 y	49:41	-	0.638 y
24 IS	13C-2,3,7,8-TCDF	100.00	4.37e+07	0.88 y	26:40	-	0.885 y
25 IS	13C-1,2,3,7,8-PeCDF	100.00	4.32e+07	1.70 y	31:29	-	0.877 y
26 IS	13C-2,3,4,7,8-PeCDF	100.00	3.97e+07	1.71 y	32:49	-	0.805 y
27 IS	13C-1,2,3,4,7,8-HxCDF	100.00	3.60e+07	0.55 y	37:10	-	1.80 y
28 IS	13C-1,2,3,6,7,8-HxCDF	100.00	4.50e+07	0.56 y	37:22	-	2.25 y
29 IS	13C-2,3,4,6,7,8-HxCDF	100.00	3.76e+07	0.55 y	38:19	-	1.87 y
30 IS	13C-1,2,3,7,8,9-HxCDF	100.00	3.05e+07	0.56 y	39:45	-	1.52 y
31 IS	13C-1,2,3,4,6,7,8-HpCDF	100.00	2.22e+07	0.43 y	42:14	-	1.11 y
32 IS	13C-1,2,3,4,7,8,9-HpCDF	100.00	1.64e+07	0.42 y	45:03	-	0.817 y
33 IS	13C-OCDF	200.00	4.74e+07	0.98 y	50:02	-	1.18 y
34 C/Up	37Cl-2,3,7,8-TCDD	10.00	2.93e+06		27:27	-	0.889 y
35 RS	13C-1,2,3,4-TCDD	100.00	3.30e+07	0.81 y	26:50	3.30e+05	- n
36 RS	13C-1,2,3,4-TCDF	100.00	4.93e+07	0.87 y	25:34	4.93e+05	- n
37 RS/RT	13C-1,2,3,7,8,9-HxCDD	100.00	2.00e+07	1.28 y	39:10	2.00e+05	- n
38 Tot	Total Tetra-Dioxins	0.00	-	- n	-	-	1.02 y
39 Tot	Total Penta-Dioxins	0.00	-	- n	-	-	1.01 y
40 Tot	Total Hexa-Dioxins	0.00	-	- n	-	-	1.26 y
41 Tot	Total Hepta-Dioxins	0.00	-	- n	-	-	1.37 y
42 Tot	Total Tetra-Furans	0.00	-	- n	-	-	1.56 y
43 Tot	1st Fn. Tot Penta-Furans	0.00	-	- n	-	-	0.952 y
44 Tot	Total Penta-Furans	0.00	-	- n	-	-	0.952 y
45 Tot	Total Hexa-Furans	0.00	-	- n	-	-	0.903 y
46 Tot	Total Hepta-Furans	0.00	-	- n	-	-	1.47 y

Analyst: 

Date: 5/13/10

Run #5 Filename 12MAY10M
Client ID: ST051210M4

S: 5 Acquired: 12-MAY-10 17:04:09 Cal: PCDDFAL3-5-12-10
Analyte: FAL ID: 1613 CS4 090918K

Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Unk 2,3,7,8-TCDD	40.00	1.35e+07	0.77 y	27:27	-	1.01 y
2	Unk 1,2,3,7,8-PeCDD	200.00	6.18e+07	1.68 y	33:15	-	1.11 y
3	Unk 1,2,3,4,7,8-HxCDD	200.00	5.73e+07	1.29 y	38:35	-	1.33 y
4	Unk 1,2,3,6,7,8-HxCDD	200.00	5.85e+07	1.29 y	38:45	-	1.33 y
5	Unk 1,2,3,7,8,9-HxCDD	200.00	5.56e+07	1.22 y	39:12	-	1.28 y
6	Unk 1,2,3,4,6,7,8-HpCDD	200.00	5.49e+07	1.06 y	44:10	-	1.40 y
7	Unk OCDD	400.00	6.95e+07	0.93 y	49:42	-	1.32 y
8	Unk 2,3,7,8-TCDF	40.00	3.08e+07	0.71 y	26:42	-	1.57 y
9	Unk 1,2,3,7,8-PeCDF	200.00	8.42e+07	1.54 y	31:31	-	0.952 y
10	Unk 2,3,4,7,8-PeCDF	200.00	8.22e+07	1.53 y	32:50	-	1.00 y
11	Unk 1,2,3,4,7,8-HxCDF	200.00	7.65e+07	1.28 y	37:12	-	0.968 y
12	Unk 1,2,3,6,7,8-HxCDF	200.00	8.60e+07	1.29 y	37:24	-	0.887 y
13	Unk 2,3,4,6,7,8-HxCDF	200.00	7.59e+07	1.28 y	38:20	-	0.941 y
14	Unk 1,2,3,7,8,9-HxCDF	200.00	6.84e+07	1.31 y	39:46	-	1.04 y
15	Unk 1,2,3,4,6,7,8-HpCDF	200.00	7.01e+07	1.04 y	42:16	-	1.45 y
16	Unk 1,2,3,4,7,8,9-HpCDF	200.00	6.04e+07	1.06 y	45:05	-	1.76 y
17	Unk OCDF	400.00	7.92e+07	0.90 y	50:04	-	0.770 y
18	IS/RT 13C-2,3,7,8-TCDD	100.00	3.32e+07	0.79 y	27:26	-	0.950 y
19	IS 13C-1,2,3,7,8-PeCDD	100.00	2.79e+07	1.72 y	33:14	-	0.799 y
20	IS 13C-1,2,3,4,7,8-HxCDD	100.00	2.16e+07	1.29 y	38:34	-	0.970 y
21	IS 13C-1,2,3,6,7,8-HxCDD	100.00	2.20e+07	1.29 y	38:44	-	0.988 y
22	IS 13C-1,2,3,4,6,7,8-HpCDD	100.00	1.97e+07	1.04 y	44:09	-	0.885 y
23	IS 13C-OCDD	200.00	2.63e+07	0.90 y	49:41	-	0.592 y
24	IS 13C-2,3,7,8-TCDF	100.00	4.90e+07	0.88 y	26:40	-	0.863 y
25	IS 13C-1,2,3,7,8-PeCDF	100.00	4.43e+07	1.69 y	31:30	-	0.779 y
26	IS 13C-2,3,4,7,8-PeCDF	100.00	4.10e+07	1.68 y	32:49	-	0.721 y
27	IS 13C-1,2,3,4,7,8-HxCDF	100.00	3.95e+07	0.55 y	37:10	-	1.78 y
28	IS 13C-1,2,3,6,7,8-HxCDF	100.00	4.85e+07	0.55 y	37:23	-	2.18 y
29	IS 13C-2,3,4,6,7,8-HxCDF	100.00	4.03e+07	0.55 y	38:19	-	1.81 y
30	IS 13C-1,2,3,7,8,9-HxCDF	100.00	3.28e+07	0.57 y	39:44	-	1.48 y
31	IS 13C-1,2,3,4,6,7,8-HpCDF	100.00	2.42e+07	0.43 y	42:15	-	1.09 y
32	IS 13C-1,2,3,4,7,8,9-HpCDF	100.00	1.71e+07	0.44 y	45:04	-	0.772 y
33	IS 13C-OCDF	200.00	5.14e+07	0.98 y	50:03	-	1.16 y
34	C/Up 37Cl-2,3,7,8-TCDD	40.00	1.36e+07		27:27	-	0.970 y
35	RS 13C-1,2,3,4-TCDD	100.00	3.49e+07	0.80 y	26:50	3.49e+05	- n
36	RS 13C-1,2,3,4-TCDF	100.00	5.68e+07	0.88 y	25:35	5.68e+05	- n
37	RS/RT 13C-1,2,3,7,8,9-HxCDD	100.00	2.22e+07	1.30 y	39:10	2.22e+05	- n
38	Tot Total Tetra-Dioxins	0.00	-	- n	-	-	1.01 y
39	Tot Total Penta-Dioxins	0.00	-	- n	-	-	1.11 y
40	Tot Total Hexa-Dioxins	0.00	-	- n	-	-	1.31 y
41	Tot Total Hepta-Dioxins	0.00	-	- n	-	-	1.40 y
42	Tot Total Tetra-Furans	0.00	-	- n	-	-	1.57 y
43	Tot 1st Fn. Tot Penta-Furans	0.00	-	- n	-	-	0.977 y
44	Tot Total Penta-Furans	0.00	-	- n	-	-	0.977 y
45	Tot Total Hexa-Furans	0.00	-	- n	-	-	0.952 y
46	Tot Total Hepta-Furans	0.00	-	- n	-	-	1.58 y

Analyst: E

Date: 5/13/10

USEPA - ITD

FORM 3A

PCDD/PCDF INITIAL CALIBRATION RELATIVE RESPONSES

Lab Name: Frontier Analytical Laboratory Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 5/12/10

Instrument ID: FAL3 GC Column ID: DB5

CS0 Data Filename: 12MAY10M S1 CS3 Data Filename: 12MAY10M S4

CS1 Data Filename: 12MAY10M S2 CS4 Data Filename: 12MAY10M S5

CS2 Data Filename: 12MAY10M S3 CS5 Data Filename: 12MAY10M S6

	RELATIVE RESPONSE (RR)						MEAN RR	Cv (%RSD)
	CS1	CS2	CS3	CS4	CS5	CS6		
NATIVE ANALYTES								
2,3,7,8-TCDD	1.01	1.12	0.97	1.02	1.01	1.08	1.04	5.37
1,2,3,7,8-PeCDD	1.02	1.04	1.00	1.01	1.11	1.10	1.05	4.33
1,2,3,4,7,8-HxCDD	1.27	1.29	1.26	1.30	1.33	1.35	1.30	2.72
1,2,3,6,7,8-HxCDD	1.25	1.23	1.27	1.24	1.33	1.34	1.28	3.82
1,2,3,7,8,9-HxCDD	1.26	1.14	1.25	1.24	1.28	1.32	1.25	4.84
1,2,3,4,6,7,8-HpCDD	1.26	1.33	1.36	1.37	1.40	1.40	1.35	3.76
OCDD	1.22	1.13	1.24	1.27	1.32	1.33	1.25	6.05
2,3,7,8-TCDF	1.65	1.74	1.59	1.56	1.57	1.60	1.62	4.14
1,2,3,7,8-PeCDF	0.89	0.89	0.86	0.94	0.95	0.96	0.92	4.45
2,3,4,7,8-PeCDF	0.88	0.94	0.92	0.96	1.00	0.97	0.94	4.58
1,2,3,4,7,8-HxCDF	0.90	0.88	0.90	0.93	0.97	1.00	0.93	4.80
1,2,3,6,7,8-HxCDF	0.78	0.79	0.83	0.84	0.89	0.90	0.84	5.95
2,3,4,6,7,8-HxCDF	0.85	0.87	0.86	0.89	0.94	0.96	0.90	5.24
1,2,3,7,8,9-HxCDF	0.96	0.93	0.93	0.98	1.04	1.06	0.98	5.68
1,2,3,4,6,7,8-HpCDF	1.32	1.32	1.33	1.38	1.45	1.48	1.38	5.19
1,2,3,4,7,8,9-HpCDF	1.53	1.55	1.56	1.60	1.76	1.75	1.62	6.40
OCDF	0.70	0.72	0.72	0.73	0.77	0.80	0.74	5.02

Analyst: 

Date: 5/13/10

USEPA - ITD

FORM 3B

PCDD/PCDF INITIAL CALIBRATION RELATIVE RESPONSES

Lab Name: Frontier Analytical Laboratory Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 5/12/10

Instrument ID: FAL3

GC Column ID: DB5

CS0 Data Filename: 12MAY10M S1 CS4 Data Filename: 12MAY10M S4

CS1 Data Filename: 12MAY10M S2 CS4 Data Filename: 12MAY10M S5

CS2 Data Filename: 12MAY10M S3 CS5 Data Filename: 12MAY10M S6

Labeled Compounds	RELATIVE RESPONSE (RR)						MEAN RR	Cv (%RSD)
	CS1	CS2	CS3	CS4	CS5	CS6		
13C-2,3,7,8-TCDD	0.93	0.91	0.90	0.93	0.95	0.95	0.93	2.15
13C-1,2,3,7,8-PeCDD	0.83	0.78	0.75	0.83	0.80	0.85	0.81	4.50
13C-1,2,3,4,7,8-HxCDD	0.90	0.90	0.94	0.97	0.97	0.99	0.95	3.96
13C-1,2,3,6,7,8-HxCDD	0.99	1.02	1.00	1.02	0.99	0.97	1.00	1.83
13C-1,2,3,4,6,7,8-HpCDD	0.92	0.95	0.93	0.92	0.89	0.92	0.92	2.22
13C-OCDD	0.64	0.63	0.62	0.64	0.59	0.67	0.63	3.86
13C-2,3,7,8-TCDF	0.87	0.84	0.87	0.89	0.86	0.88	0.87	1.68
13C-1,2,3,7,8-PeCDF	0.84	0.76	0.75	0.88	0.78	0.83	0.81	6.23
13C-2,3,4,7,8-PeCDF	0.81	0.71	0.69	0.81	0.72	0.77	0.75	6.69
13C-1,2,3,4,7,8-HxCDF	1.67	1.70	1.76	1.80	1.78	1.71	1.74	2.80
13C-1,2,3,6,7,8-HxCDF	2.11	2.18	2.21	2.25	2.18	2.07	2.17	2.92
13C-2,3,4,6,7,8-HxCDF	1.78	1.81	1.86	1.87	1.81	1.75	1.82	2.57
13C-1,2,3,7,8,9-HxCDF	1.43	1.47	1.49	1.52	1.48	1.51	1.49	2.17
13C-1,2,3,4,6,7,8-HpCDF	1.07	1.10	1.11	1.11	1.09	1.10	1.10	1.36
13C-1,2,3,4,7,8,9-HpCDF	0.82	0.84	0.81	0.82	0.77	0.82	0.81	2.83
13C-OCDF	1.20	1.15	1.16	1.18	1.16	1.27	1.19	3.63
CLEANUP STANDARD								
37Cl-2,3,7,8-TCDD	0.89	1.00	0.84	0.89	0.97	1.00	0.93	7.14

Analyst: Date: 5/13/10

USEPA - ITD

FORM 3D

PCDD/PCDF INITIAL CALIBRATION ION ABUNDANCE RATIOS

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Initial Calibration Date: 5/12/10

Instrument ID: FAL3

GC Column ID: DB5

CS0 Data Filename: 12MAY10M S1 CS3 Data Filename: 12MAY10M S4

CS1 Data Filename: 12MAY10M S2 CS4 Data Filename: 12MAY10M S5

CS2 Data Filename: 12MAY10M S3 CS5 Data Filename: 12MAY10M S6

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	0.79	0.79	0.80	0.80	0.79	0.80	0.65-0.89
13C-1,2,3,7,8-PeCDD	M+2/M+4	1.76	1.78	1.75	1.77	1.72	1.75	1.32-1.78
13C-1,2,3,4,7,8-HxCDD	M+2/M+4	1.30	1.29	1.30	1.29	1.29	1.28	1.05-1.43
13C-1,2,3,6,7,8-HxCDD	M+2/M+4	1.29	1.28	1.31	1.28	1.29	1.28	1.05-1.43
13C-1,2,3,4,6,7,8-HpCDD	M+2/M+4	1.03	1.02	1.07	1.06	1.04	1.04	0.88-1.20
13C-OCDD	M+2/M+4	0.87	0.92	0.98	0.91	0.90	0.92	0.76-1.02
13C-2,3,7,8-TCDF	M/M+2	0.88	0.87	0.88	0.88	0.88	0.88	0.65-0.89
13C-1,2,3,7,8-PeCDF	M+2/M+4	1.70	1.70	1.67	1.70	1.69	1.66	1.32-1.78
13C-2,3,4,7,8-PeCDF	M+2/M+4	1.67	1.70	1.69	1.71	1.68	1.65	1.32-1.78
13C-1,2,3,4,7,8-HxCDF	M/M+2	0.56	0.56	0.55	0.55	0.55	0.56	0.43-0.59
13C-1,2,3,6,7,8-HxCDF	M/M+2	0.57	0.56	0.55	0.56	0.55	0.56	0.43-0.59
13C-2,3,4,6,7,8-HxCDF	M/M+2	0.57	0.54	0.55	0.55	0.55	0.56	0.43-0.59
13C-1,2,3,7,8,9-HxCDF	M/M+2	0.57	0.57	0.56	0.56	0.57	0.56	0.43-0.59
13C-1,2,3,4,6,7,8-HpCDF	M/M+2	0.43	0.44	0.44	0.43	0.43	0.44	0.37-0.51
13C-1,2,3,4,7,8,9-HpCDF	M/M+2	0.43	0.43	0.43	0.42	0.44	0.44	0.37-0.51
13C-OCDF	M+2/M+4	0.99	0.98	0.96	0.98	0.98	0.99	0.76-1.02

Analyst: Date: 5/13/10

USEPA - ITD

FORM 4A
PCDD/PCDF CALIBRATION VERIFICATION

Lab Name: Frontier Analytical Laboratory Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 5/12/10

Instrument ID: FAL3

GC Column ID: DB5

VER Data Filename: 12MAY10M Sam:4

Analysis Date: 12-MAY-10 16:08:51

NATIVE ANALYTES	M/Z'S FORMING RATIO (1)	ION ABUND. RATIO	QC LIMITS (2)	ACCEPT	CONC. FOUND	CONC. RANGE (ng/mL) (3)
2,3,7,8-TCDD	M/M+2	0.78	0.65-0.89	y	9.80	7.80 - 12.9
1,2,3,7,8-PeCDD	M+2/M+4	1.70	1.32-1.78	y	48.3	39.0 - 65.0
1,2,3,4,7,8-HxCDD	M+2/M+4	1.30	1.05-1.43	y	50.2	39.0 - 64.0
1,2,3,6,7,8-HxCDD	M+2/M+4	1.30	1.05-1.43	y	48.5	39.0 - 64.0
1,2,3,7,8,9-HxCDD	M+2/M+4	1.28	1.05-1.43	y	49.6	41.0 - 61.0
1,2,3,4,6,7,8-HpCDD	M+2/M+4	1.11	0.88-1.20	y	50.6	43.0 - 58.0
OCDD	M+2/M+4	0.93	0.76-1.02	y	101	79.0 - 126
2,3,7,8-TCDF	M/M+2	0.72	0.65-0.89	y	9.66	8.40 - 12.0
1,2,3,7,8-PeCDF	M+2/M+4	1.54	1.32-1.78	y	51.5	41.0 - 60.0
2,3,4,7,8-PeCDF	M+2/M+4	1.55	1.32-1.78	y	50.9	41.0 - 60.0
1,2,3,4,7,8-HxCDF	M+2/M+4	1.29	1.05-1.43	y	50.0	45.0 - 56.0
1,2,3,6,7,8-HxCDF	M+2/M+4	1.30	1.05-1.43	y	50.3	44.0 - 57.0
2,3,4,6,7,8-HxCDF	M+2/M+4	1.30	1.05-1.43	y	49.7	44.0 - 57.0
1,2,3,7,8,9-HxCDF	M+2/M+4	1.27	1.05-1.43	y	49.6	45.0 - 56.0
1,2,3,4,6,7,8-HpCDF	M+2/M+4	1.05	0.88-1.20	y	50.1	45.0 - 55.0
1,2,3,4,7,8,9-HpCDF	M+2/M+4	1.05	0.88-1.20	y	49.2	43.0 - 58.0
OCDF	M+2/M+4	0.87	0.76-1.02	y	98.8	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: 5/13/10

USEPA - ITD

FORM 4B
PCDD/PCDF CALIBRATION VERIFICATION

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Initial Calibration Date: 5/12/10

Instrument ID: FAL3

GC Column ID: DB5

VER Data Filename: 12MAY10M Sam:4

Analysis Date: 12-MAY-10 16:08:51

LABELLED 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	0.80	0.65-0.89	y	100.0	82.0 - 121
13C-1,2,3,7,8-PeCDD	M+2/M+4	1.77	1.32-1.78	y	103	62.0 - 160
13C-1,2,3,4,7,8-HxCDD	M+2/M+4	1.29	1.05-1.43	y	102	85.0 - 117
13C-1,2,3,6,7,8-HxCDD	M+2/M+4	1.28	1.05-1.43	y	102	85.0 - 118
13C-1,2,3,4,6,7,8-HpCDD	M+2/M+4	1.06	0.88-1.20	y	99.6	72.0 - 138
13C-OCDD	M+2/M+4	0.91	0.76-1.02	y	202	96.0 - 415
13C-2,3,7,8-TCDF	M/M+2	0.88	0.65-0.89	y	102	71.0 - 140
13C-1,2,3,7,8-PeCDF	M+2/M+4	1.70	1.32-1.78	y	109	76.0 - 130
13C-2,3,4,7,8-PeCDF	M+2/M+4	1.71	1.32-1.78	y	107	77.0 - 130
13C-1,2,3,4,7,8-HxCDF	M/M+2	0.55	0.43-0.59	y	103	76.0 - 131
13C-1,2,3,6,7,8-HxCDF	M/M+2	0.56	0.43-0.59	y	104	70.0 - 143
13C-2,3,4,6,7,8-HxCDF	M/M+2	0.55	0.43-0.59	y	103	73.0 - 137
13C-1,2,3,7,8,9-HxCDF	M/M+2	0.56	0.43-0.59	y	102	74.0 - 135
13C-1,2,3,4,6,7,8-HpCDF	M/M+2	0.43	0.37-0.51	y	101	78.0 - 129
13C-1,2,3,4,7,8,9-HpCDF	M/M+2	0.42	0.37-0.51	y	100	77.0 - 129
13C-OCDF	M+2/M+4	0.98	0.76-1.02	y	199	96.0 - 415
CLEANUP STANDARD (4)						
37Cl-2,3,7,8-TCDD					9.55	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: 5/13/10

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: 5/12/10
RT Window Data Filename: 12MAY10M Sam:4 Analysis Date: 12-MAY-10 Time: 16:08:51
DB-5 IS Data Filename: 12MAY10M Sam:4 Analysis Date: 12-MAY-10 Time: 16:08:51
DB-225 IS Data Filename: Analysis Date: Time:

DB-5 RT WINDOW DEFINING STANDARDS RESULTS

ISOMERS	ABSOLUTE RT	ISOMERS	ABSOLUTE RT
1,3,6,8-TCDD (F)	24:26	1,3,6,8-TCDF (F)	23:05
1,2,8,9-TCDD (L)	28:23	1,2,8,9-TCDF (L)	28:36
1,2,4,7,9-PeCDD (F)	30:17	1,3,4,6,8-PeCDF (F)	28:27
1,2,3,8,9-PeCDD (L)	33:50	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)	39:11	1,2,3,7,8,9-HxCDF (L)	39:45
1,2,3,4,6,7,9-HpCDD (F)	42:47	1,2,3,4,6,7,8-HpCDF (F)	42:15
1,2,3,4,6,7,8-HpCDD (L)	44:10	1,2,3,4,7,8,9-HpCDF (L)	45:04

(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: 5/13/10

Results: GC Column: DB5 Amount: 1.000 NATO 1989 Tox: 99.5 WHO 1998 Tox: 123 WHO 2005 Tox: 112

Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	Rec	#Hom
2,3,7,8-TCDD	3.10e+06	0.78 y	27:27	1.04	9.80	2.50	-	-	*		
1,2,3,7,8-PeCDD	1.38e+07	1.70 y	33:15	1.05	48.3	2.50	-	-	*		
1,2,3,4,7,8-HxCDD	1.26e+07	1.30 y	38:35	1.30	50.2	2.50	-	-	*		
1,2,3,6,7,8-HxCDD	1.26e+07	1.30 y	38:45	1.28	48.5	2.50	-	-	*		
1,2,3,7,8,9-HxCDD	1.23e+07	1.28 y	39:11	1.25	49.6	2.50	-	-	*		
1,2,3,4,6,7,8-HpCDD	1.26e+07	1.11 y	44:10	1.35	50.6	2.50	-	-	*		
OCDD	1.62e+07	0.93 y	49:41	1.25	101	2.50	-	-	*		
2,3,7,8-TCDF	6.83e+06	0.72 y	26:41	1.62	9.66	2.50	-	-	*		
1,2,3,7,8-PeCDF	2.04e+07	1.54 y	31:31	0.92	51.5	2.50	-	-	*		
2,3,4,7,8-PeCDF	1.91e+07	1.55 y	32:50	0.94	50.9	2.50	-	-	*		
1,2,3,4,7,8-HxCDF	1.67e+07	1.29 y	37:11	0.93	50.0	2.50	-	-	*		
1,2,3,6,7,8-HxCDF	1.89e+07	1.30 y	37:24	0.84	50.3	2.50	-	-	*		
2,3,4,6,7,8-HxCDF	1.67e+07	1.30 y	38:19	0.90	49.7	2.50	-	-	*		
1,2,3,7,8,9-HxCDF	1.49e+07	1.27 y	39:45	0.98	49.6	2.50	-	-	*		
1,2,3,4,6,7,8-HpCDF	1.54e+07	1.05 y	42:15	1.38	50.1	2.50	-	-	*		
1,2,3,4,7,8,9-HpCDF	1.31e+07	1.05 y	45:04	1.62	49.2	2.50	-	-	*		
OCDF	1.73e+07	0.87 y	50:04	0.74	98.8	2.50	-	-	*		
13C-2,3,7,8-TCDD	3.06e+07	0.80 y	27:25	0.93	100.0					100.0	
13C-1,2,3,7,8-PeCDD	2.73e+07	1.77 y	33:13	0.81	103					103	
13C-1,2,3,4,7,8-HxCDD	1.94e+07	1.29 y	38:33	0.95	102					102	
13C-1,2,3,6,7,8-HxCDD	2.04e+07	1.28 y	38:43	1.00	102					102	
13C-1,2,3,4,6,7,8-HpCDD	1.84e+07	1.06 y	44:09	0.92	99.6					99.6	
13C-OCDD	2.56e+07	0.91 y	49:41	0.63	202					101	
13C-2,3,7,8-TCDF	4.37e+07	0.88 y	26:40	0.87	102					102	
13C-1,2,3,7,8-PeCDF	4.32e+07	1.70 y	31:29	0.81	109					109	
13C-2,3,4,7,8-PeCDF	3.97e+07	1.71 y	32:49	0.75	107					107	
13C-1,2,3,4,7,8-HxCDF	3.60e+07	0.55 y	37:10	1.74	103					103	
13C-1,2,3,6,7,8-HxCDF	4.50e+07	0.56 y	37:22	2.17	104					104	
13C-2,3,4,6,7,8-HxCDF	3.76e+07	0.55 y	38:19	1.82	103					103	
13C-1,2,3,7,8,9-HxCDF	3.05e+07	0.56 y	39:45	1.49	102					102	
13C-1,2,3,4,6,7,8-HpCDF	2.22e+07	0.43 y	42:14	1.10	101					101	
13C-1,2,3,4,7,8,9-HpCDF	1.64e+07	0.42 y	45:03	0.81	100					100	
13C-OCDF	4.74e+07	0.98 y	50:02	1.19	199					99.7	
37Cl-2,3,7,8-TCDD	2.93e+06		27:27	0.93	9.55					95.5	
13C-1,2,3,4-TCDD	3.30e+07	0.81 y	26:50	-	97.3						
13C-1,2,3,4-TCDF	4.93e+07	0.87 y	25:34	-	92.5						
13C-1,2,3,7,8,9-HxCDD	2.00e+07	1.28 y	39:10	-	92.9						
Total Tetra-Dioxins	1.68e+07		23:16	1.04	53.2	2.50	-	-	*		19
Total Penta-Dioxins	3.09e+07		30:17	1.05	108	2.50	-	-	*		9
Total Hexa-Dioxins	4.33e+07		36:08	1.27	171	2.50	-	-	*		13
Total Hepta-Dioxins	2.73e+07		42:47	1.35	110	2.50	-	-	*		10
Total Tetra-Furans	2.92e+07		23:05	1.62	41.3	2.50	-	-	*		21
1st Fn. Tot Penta-Furans	2.33e+07		28:27	0.93	60.5	2.50	-	-	*	PeCDF	1
Total Penta-Furans	5.64e+07		30:15	0.93	146	2.50	-	-	*	207	9
Total Hexa-Furans	7.98e+07		35:15	0.90	237	2.50	-	-	*		13
Total Hepta-Furans	2.91e+07		42:15	1.48	102	2.50	-	-	*		5

Analyst: 

Date: 5/13/10

Frontier Analytical Laboratory - Acquisition Log

Run Name:12MAY10M

Instrument: FAL3

GC: DB5

Experiment:PCDD

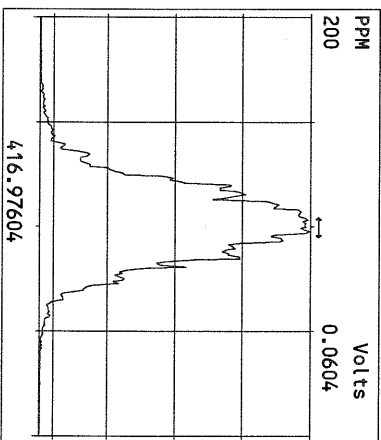
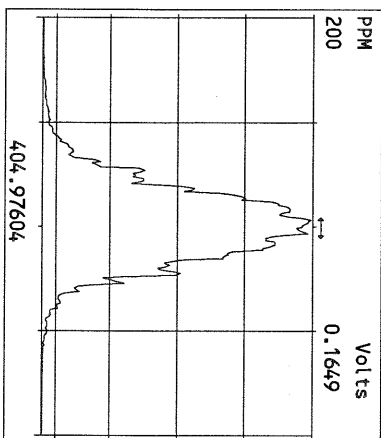
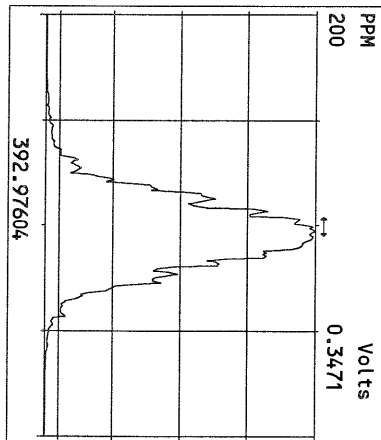
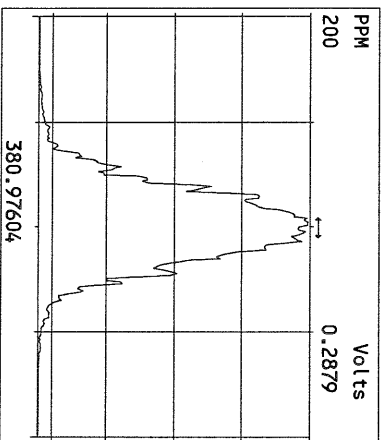
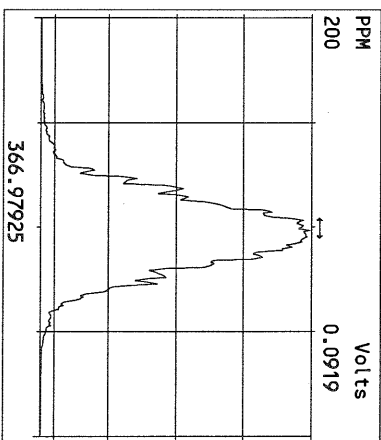
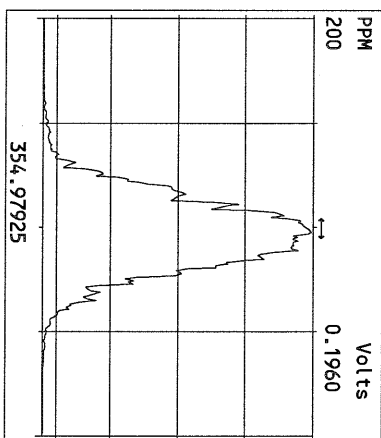
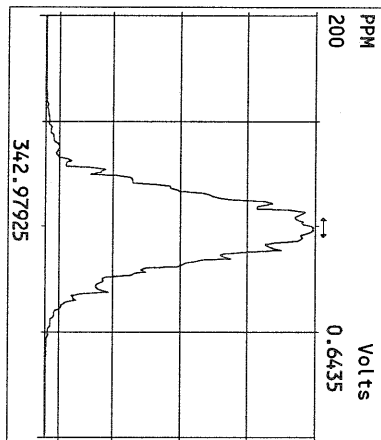
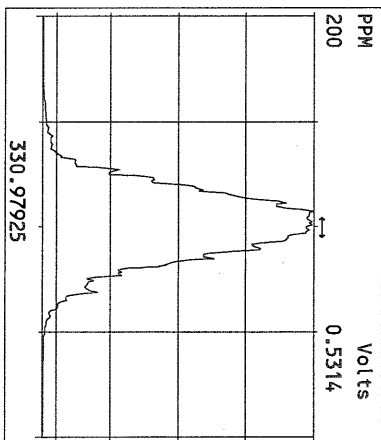
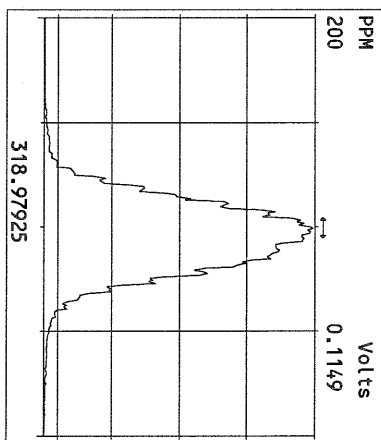
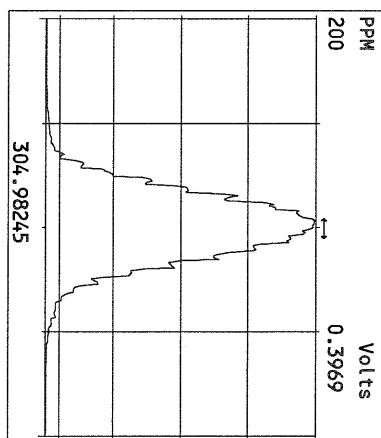
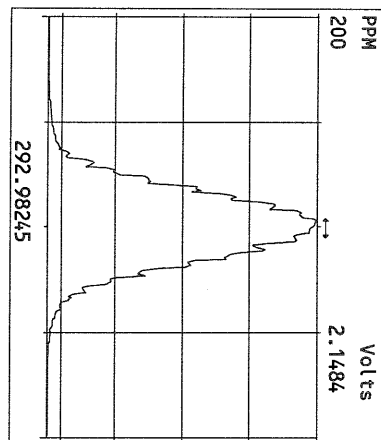
Data File S	FAL ID	Client ID	Acquired	ConCal	EndCal	Analyst
12MAY10M 1	ST051210M0	1613 CS0 090918G	12-MAY-10 13:22:51	NA	NA	TC
12MAY10M 2	ST051210M1	1613 CS1 090918H	12-MAY-10 14:18:09	NA	NA	TC
12MAY10M 3	ST051210M2	1613 CS2 090918I	12-MAY-10 15:13:32	NA	NA	TC
12MAY10M 4	ST051210M3	1613 CS3 090918J	12-MAY-10 16:08:51	NA	NA	TC
12MAY10M 5	ST051210M4	1613 CS4 090918K	12-MAY-10 17:04:09	NA	NA	TC
12MAY10M 6	ST051210M5	1613 CS5 090918L	12-MAY-10 17:59:27	NA	NA	TC
12MAY10M 7	SB051210M1	Solvent Blank	12-MAY-10 18:54:46	NA	NA	TC

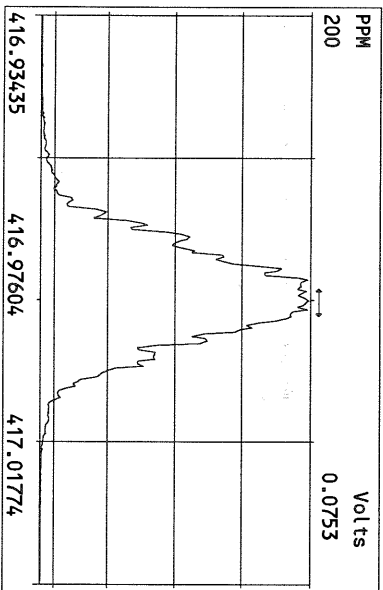
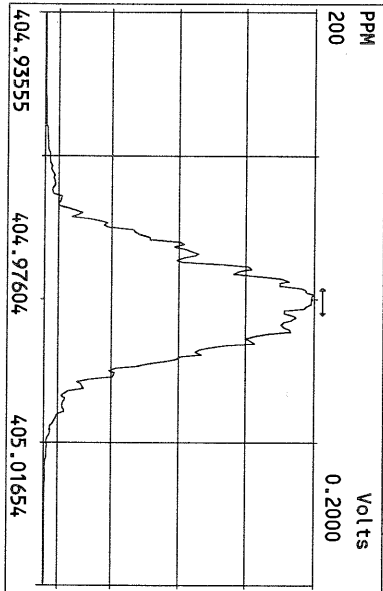
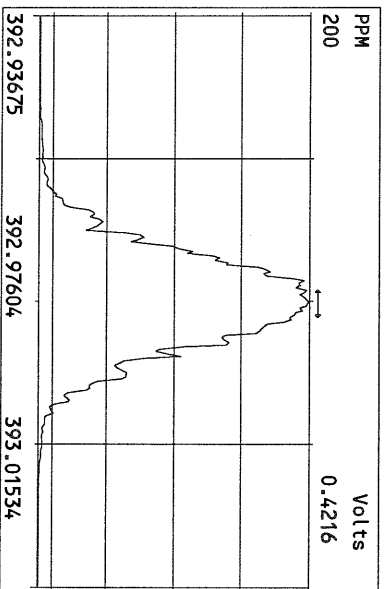
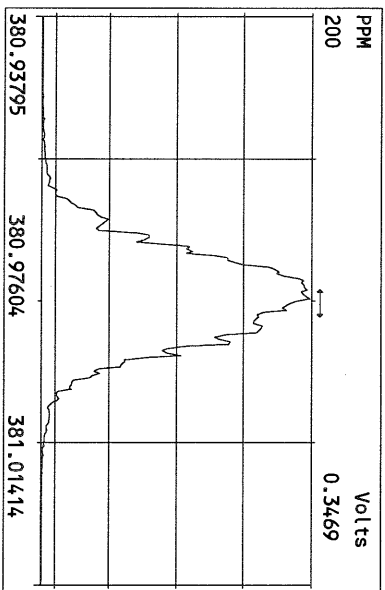
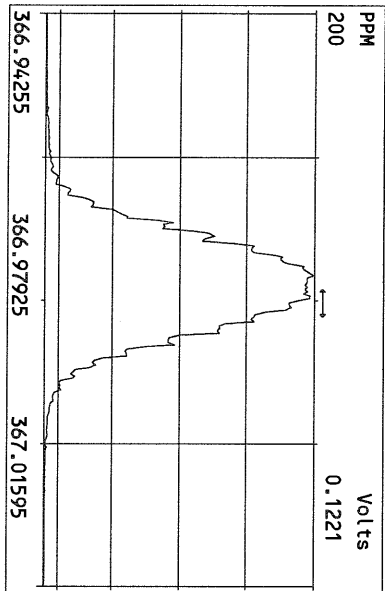
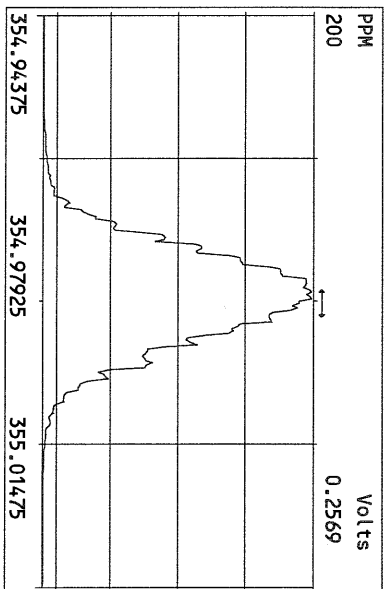
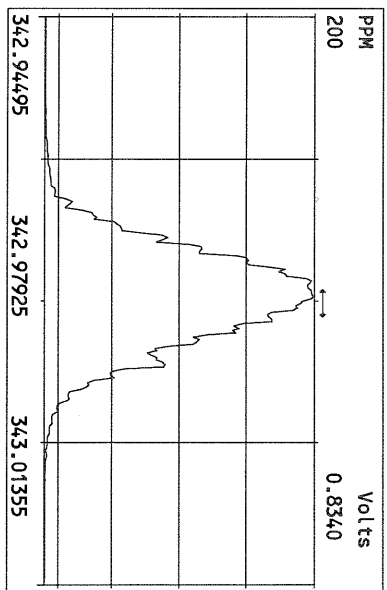
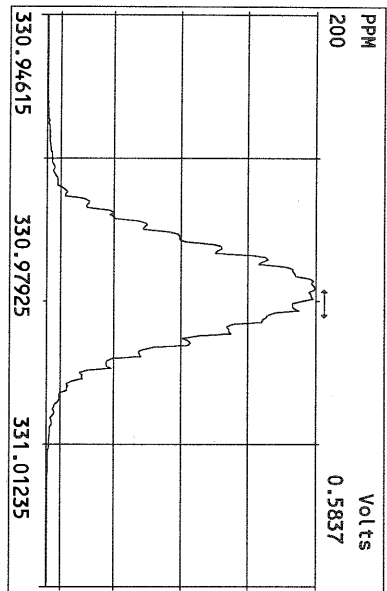


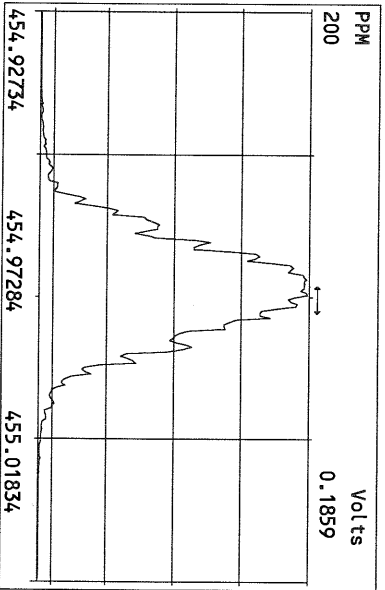
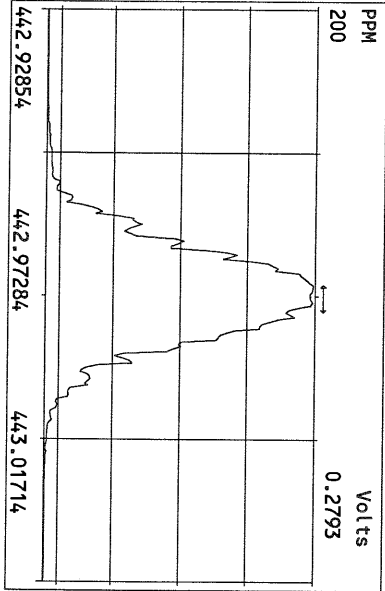
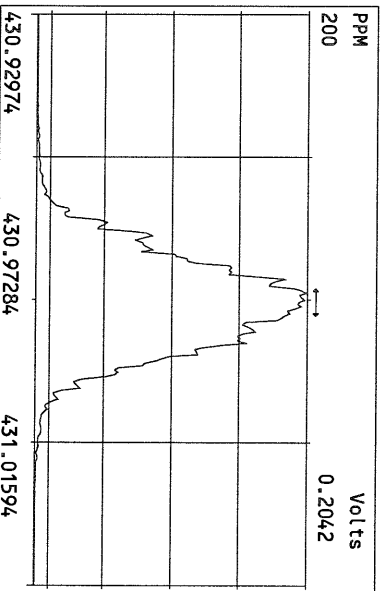
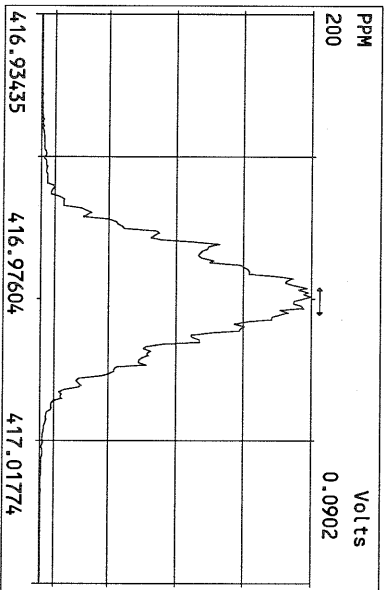
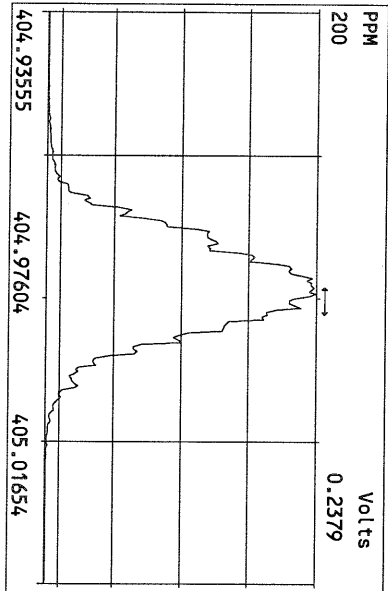
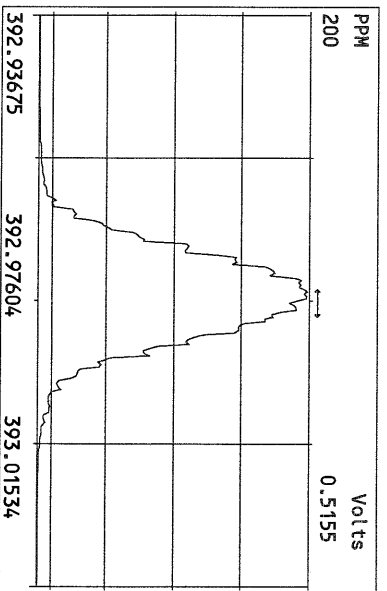
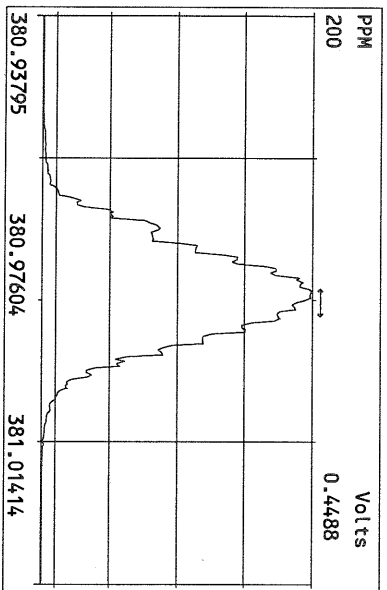
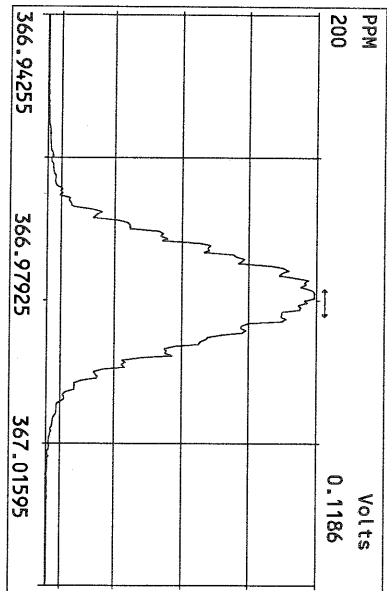
5/13/10

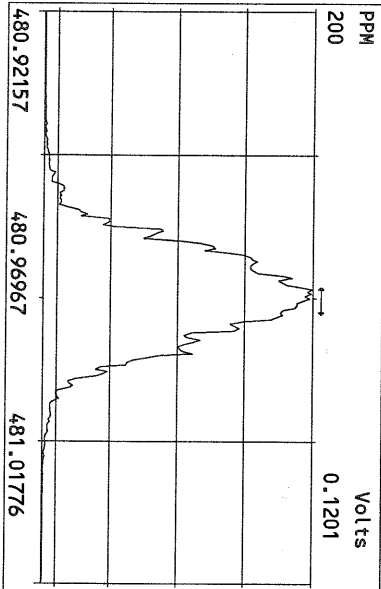
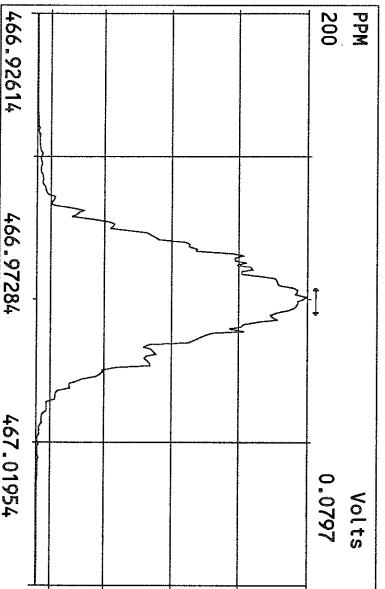
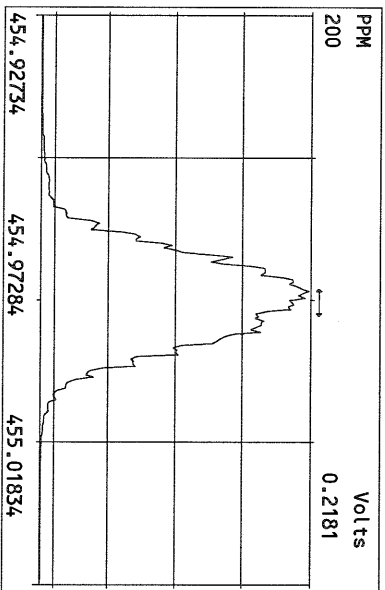
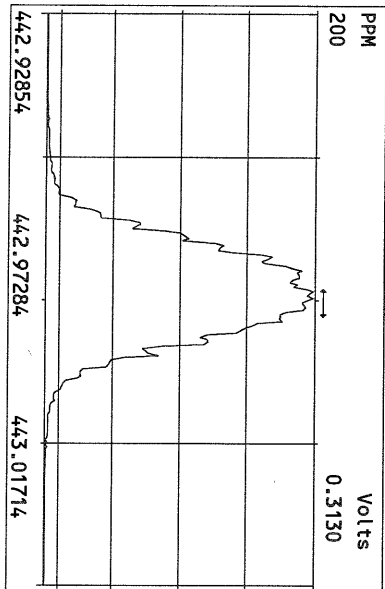
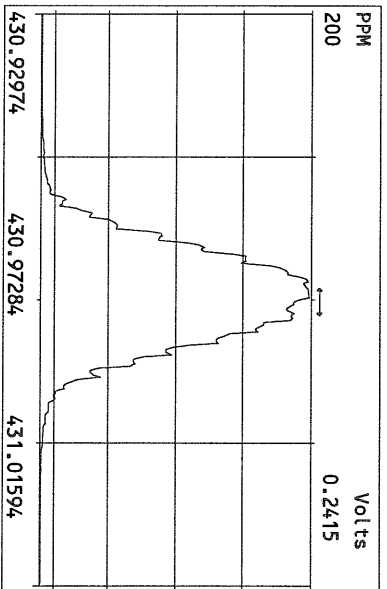
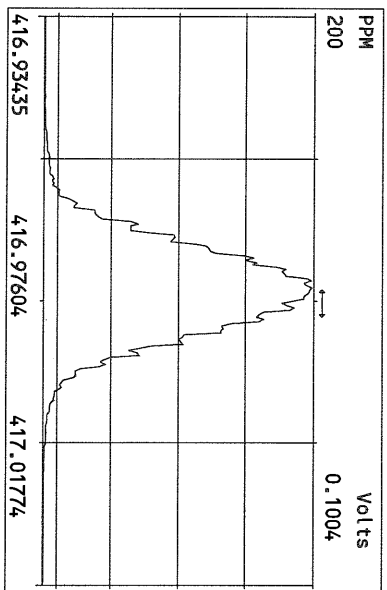
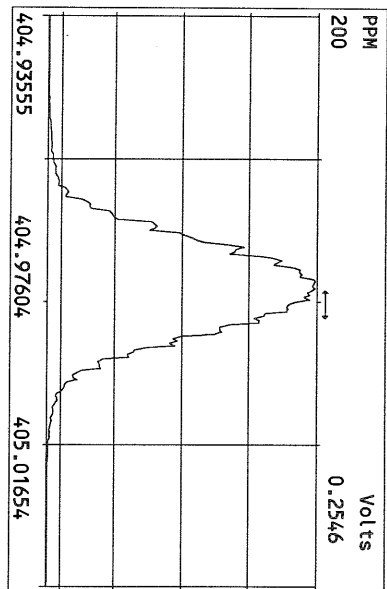
Data Backed Up: _____

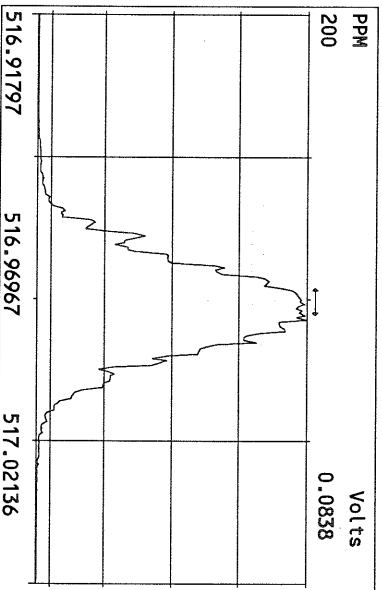
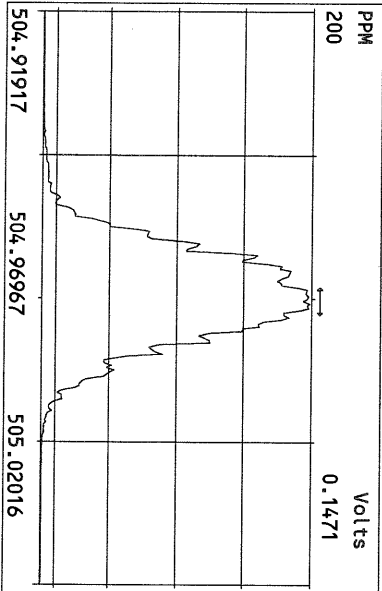
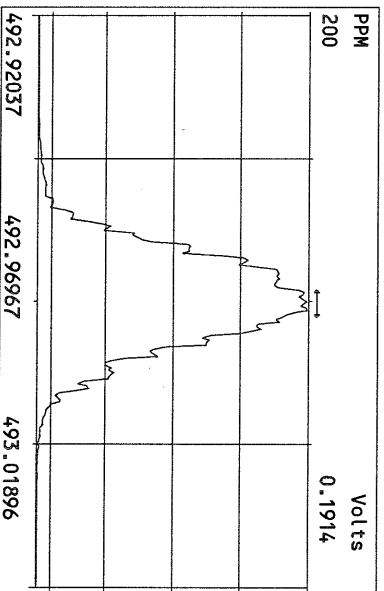
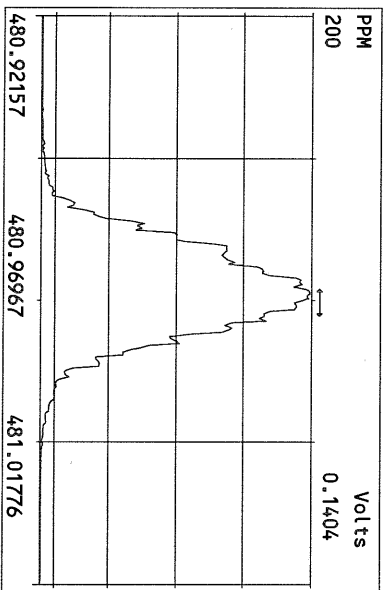
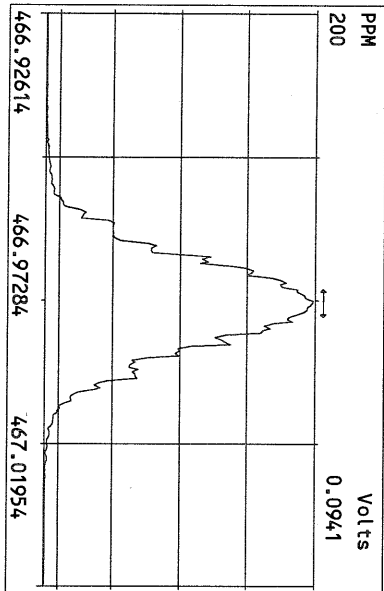
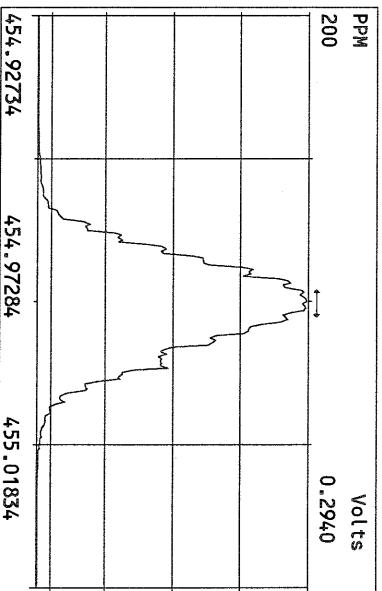
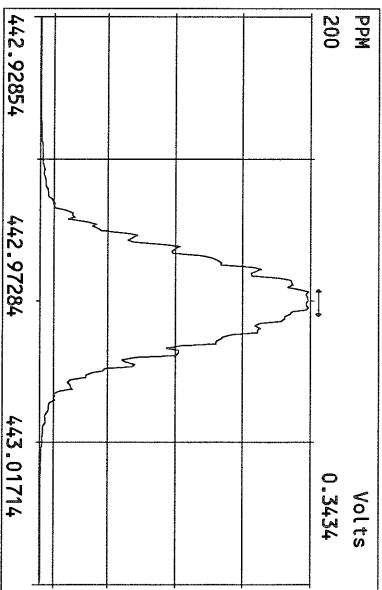
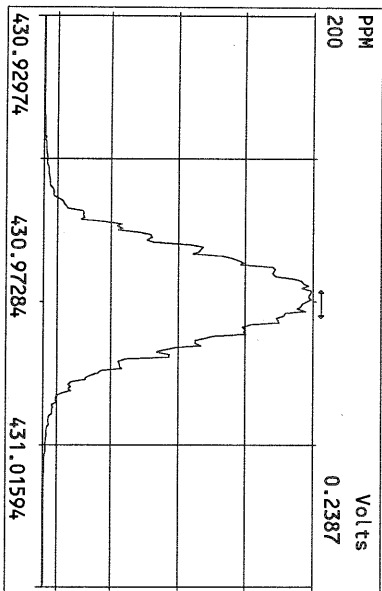
Date: _____



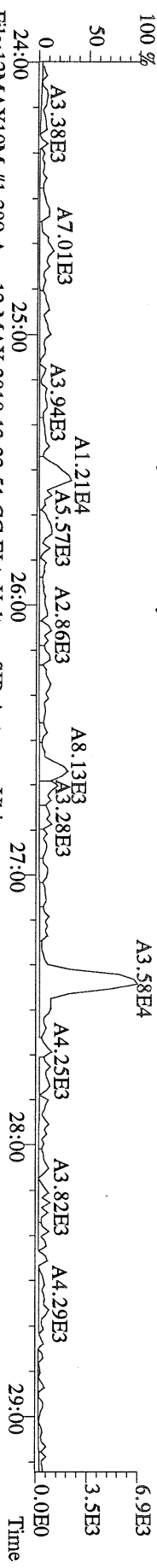




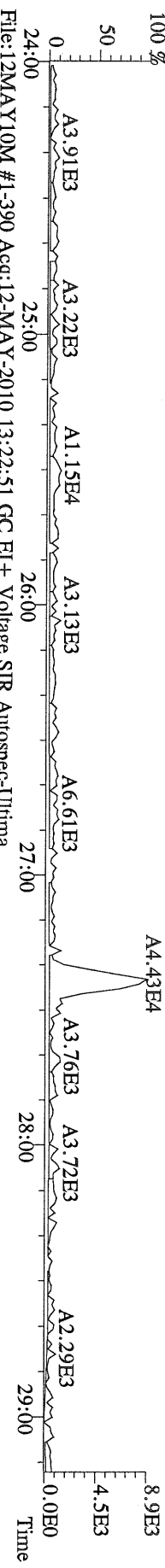




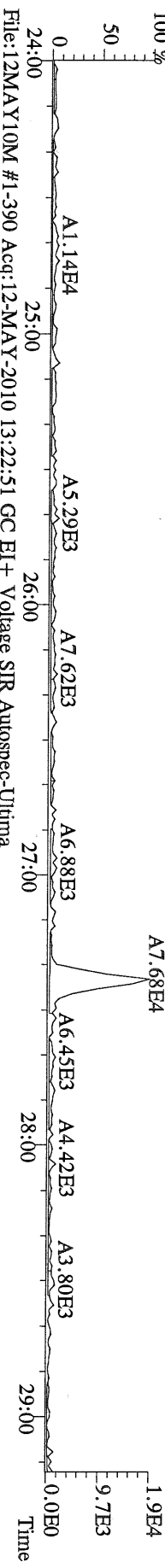
File:12MAY10M #1-390 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
319.8965 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



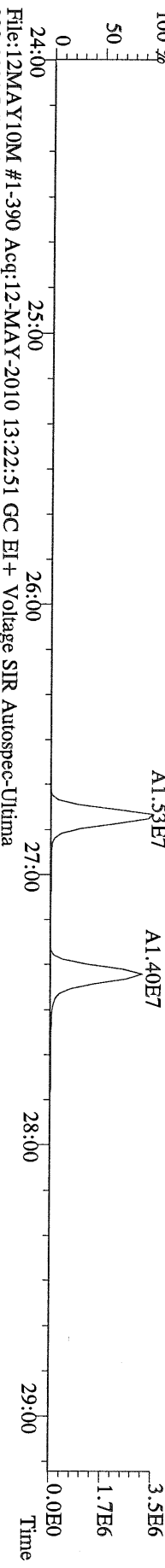
File:12MAY10M #1-390 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
321.8936 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



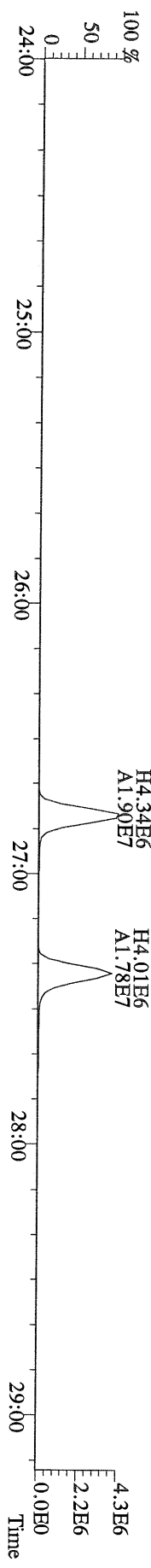
File:12MAY10M #1-390 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
327.8847 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



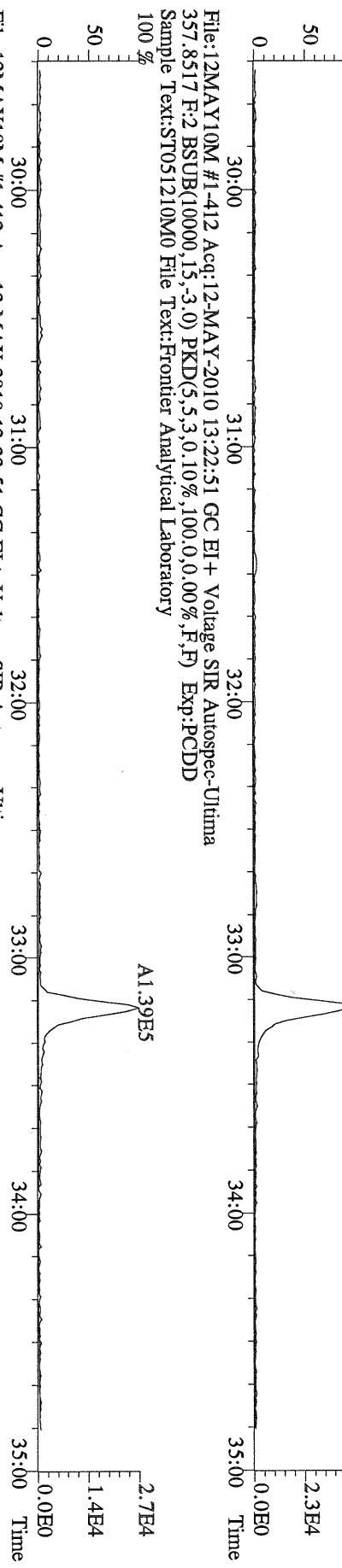
File:12MAY10M #1-390 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
331.9368 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



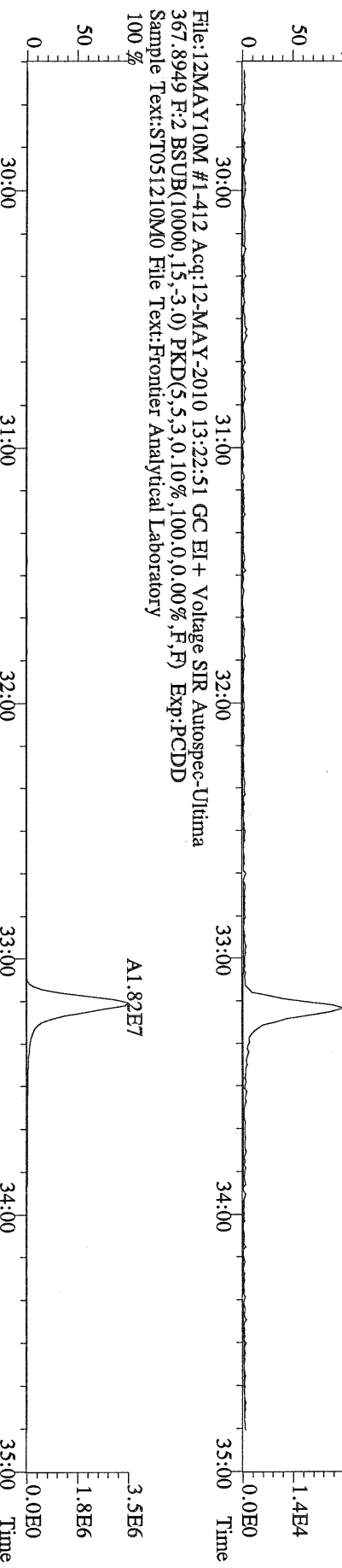
File:12MAY10M #1-390 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
333.9339 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



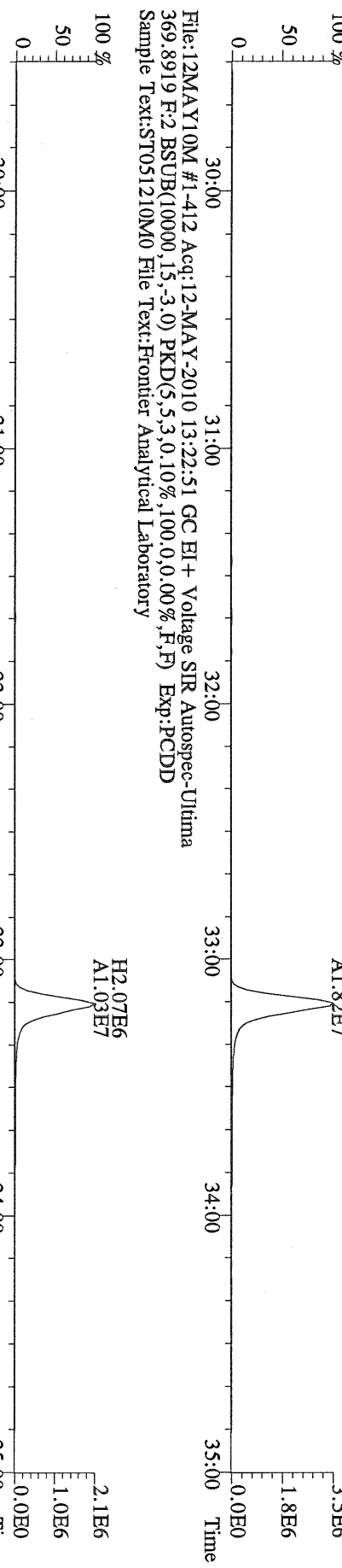
File:12MAY10M #1-412 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
355.8546 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory
100 %



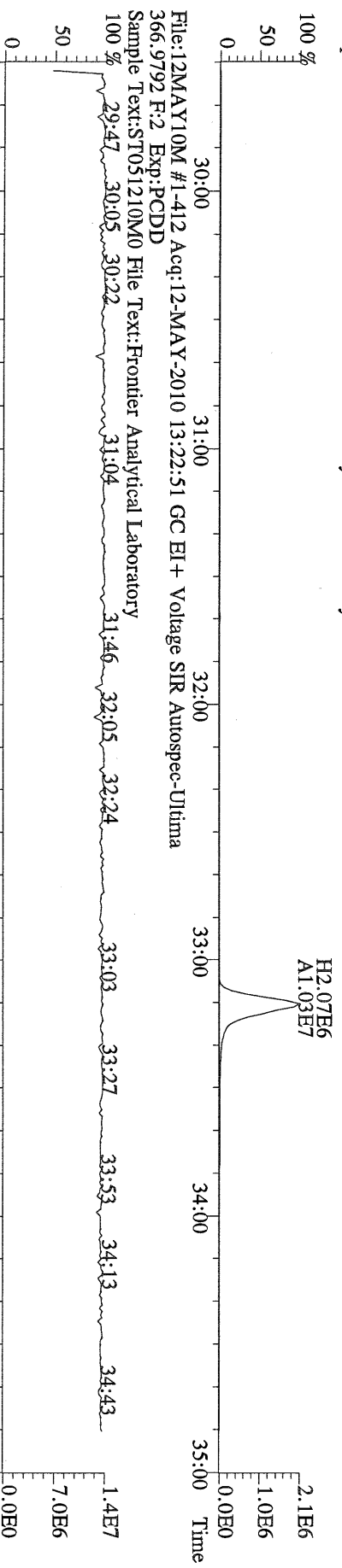
File:12MAY10M #1-412 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
357.8517 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory
100 %



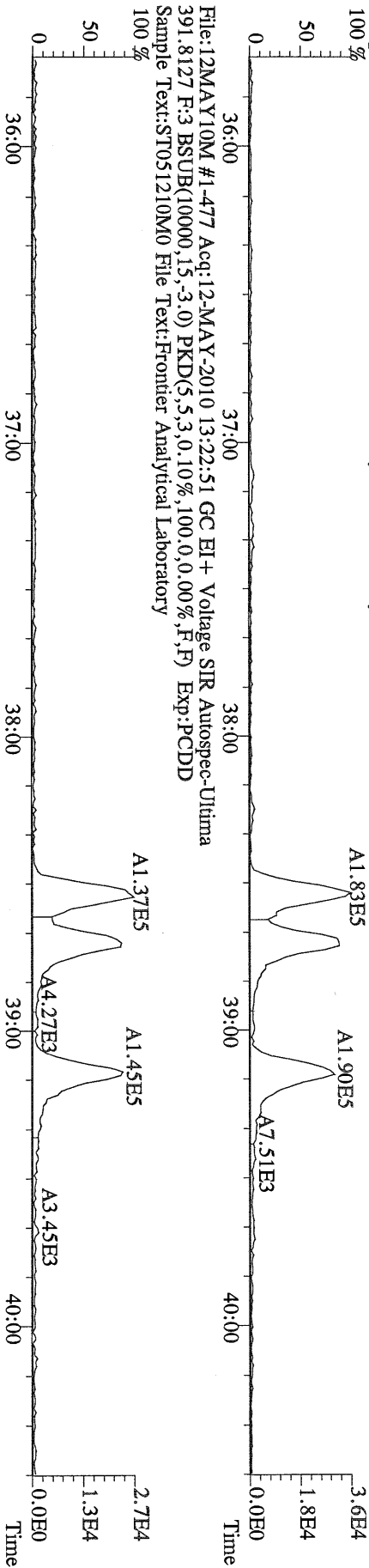
File:12MAY10M #1-412 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
367.8949 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory
100 %



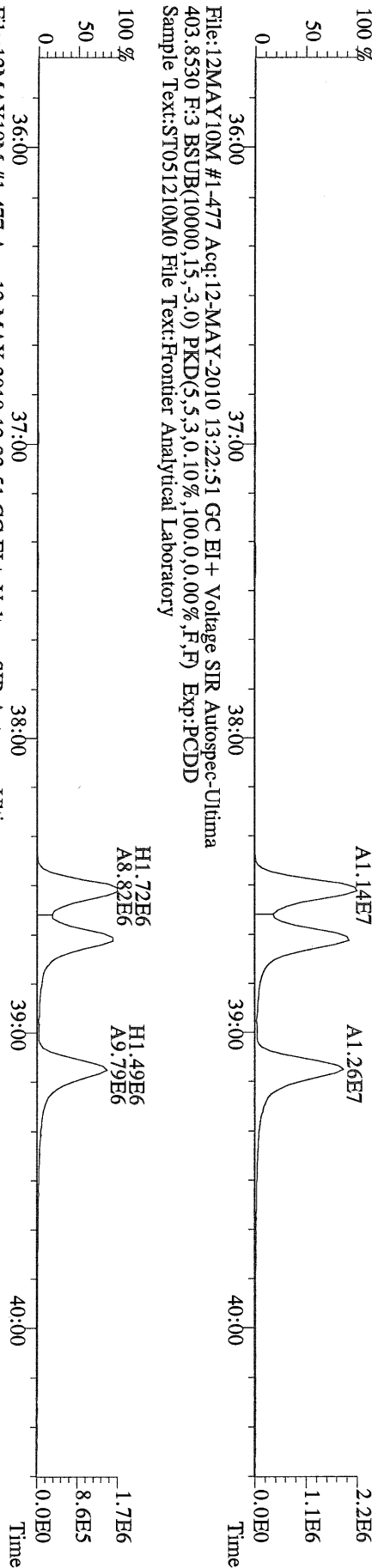
File:12MAY10M #1-412 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
369.8919 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0%) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory
100 %



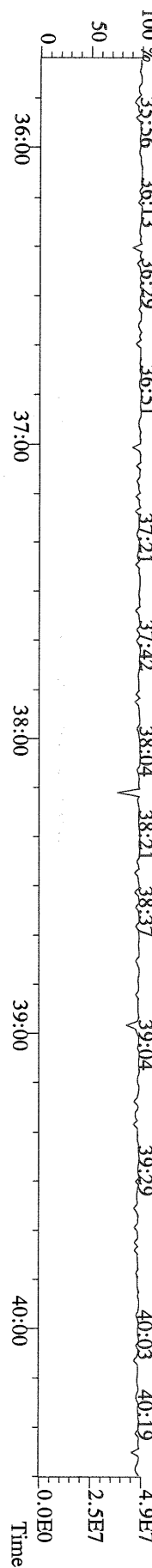
File:12MAY10M #1-477 Acq:12-MAY-2010 13:22:51 GC EI+ Voltage SIR Autospec-Ultima
389.8156 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



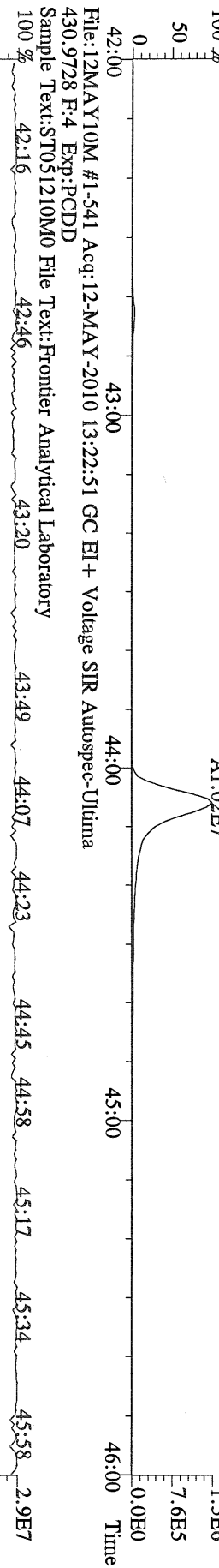
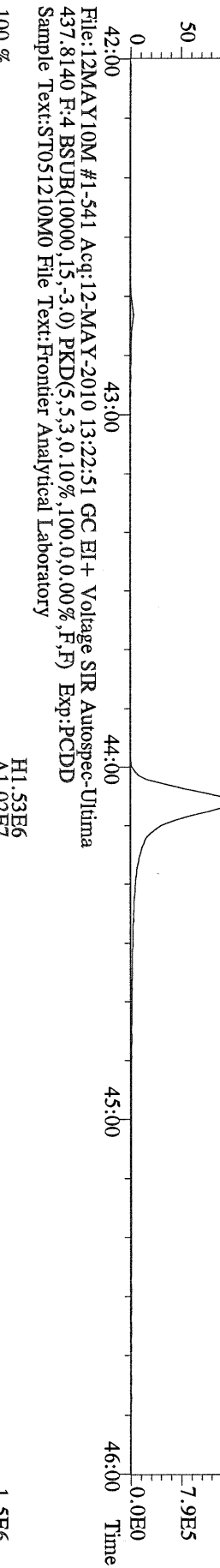
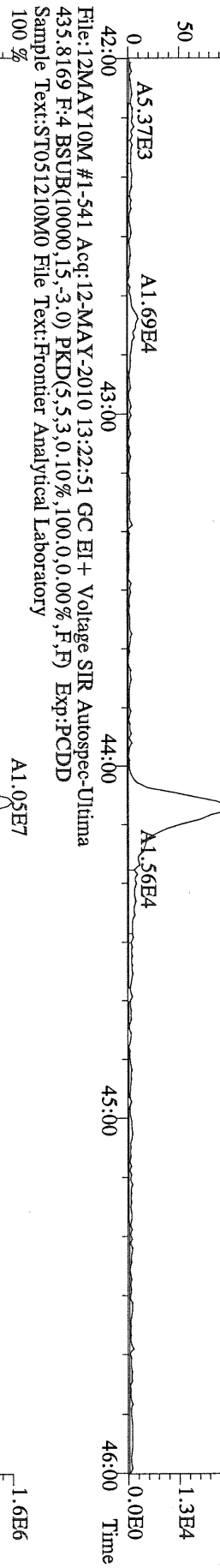
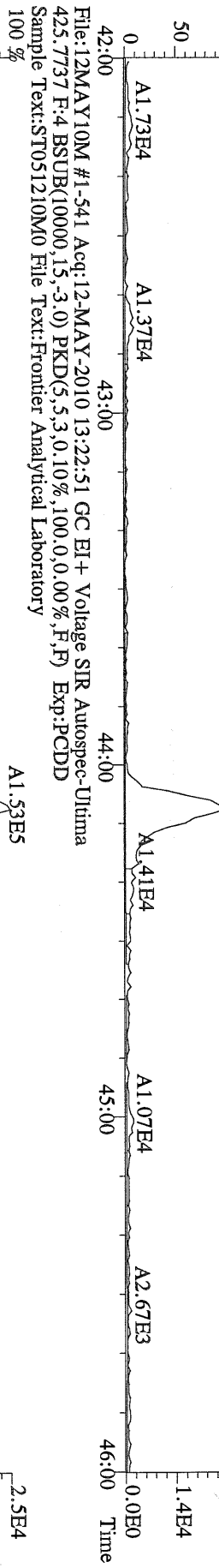
File:12MAY10M #1-477 Acq:12-MAY-2010 13:22:51 GC EI+ Voltage SIR Autospec-Ultima
401.8559 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



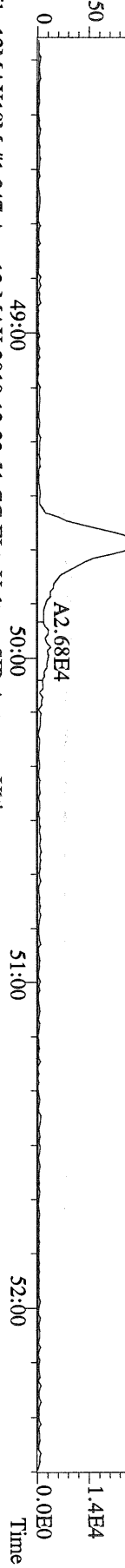
File:12MAY10M #1-477 Acq:12-MAY-2010 13:22:51 GC EI+ Voltage SIR Autospec-Ultima
380.9760 F:3 Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



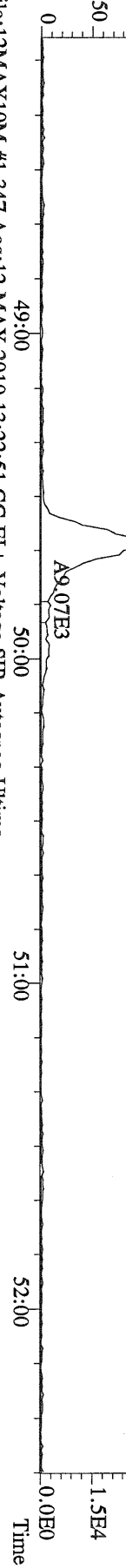
File:12MAY10M #1-541 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
423.7767 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



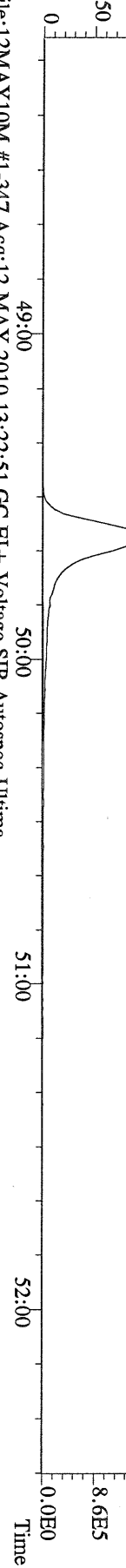
File: 12MAY10M #1-347 Acq: 12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Utima
457.7377 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory
100 % A2.15E5



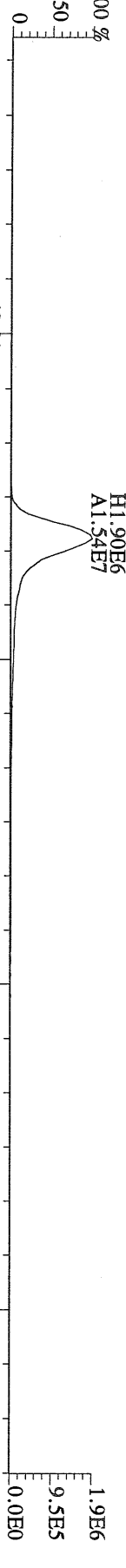
File: 12MAY10M #1-347 Acq: 12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Utima
459.7348 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory
100 % A2.22E5



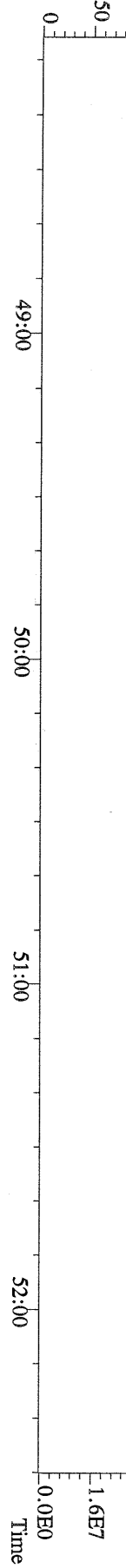
File: 12MAY10M #1-347 Acq: 12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Utima
469.7780 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory
100 % A1.34E7



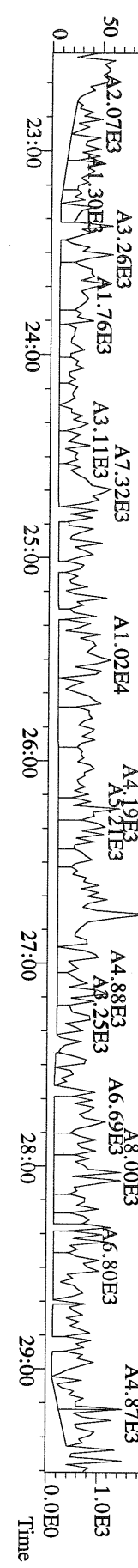
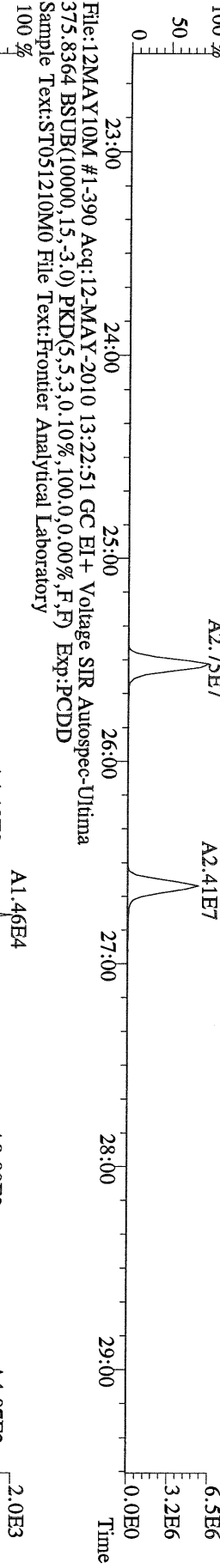
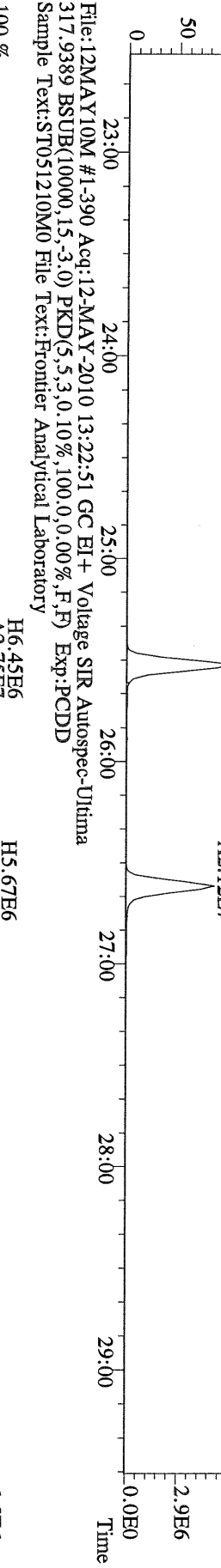
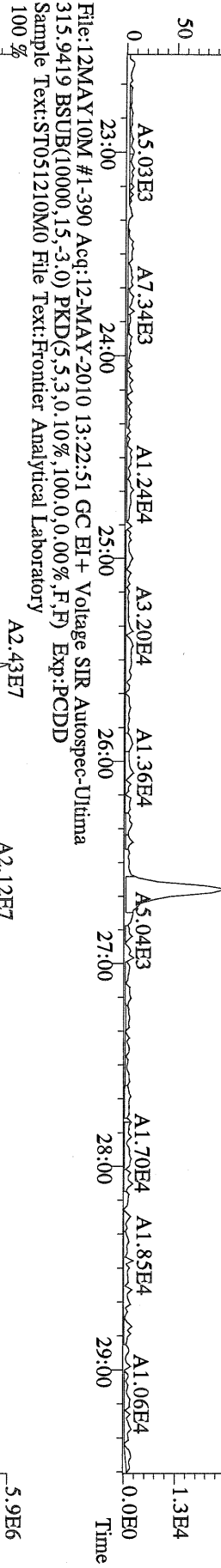
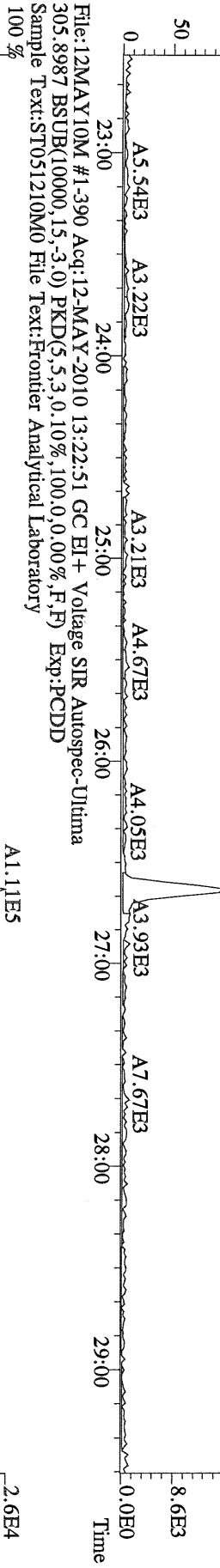
File: 12MAY10M #1-347 Acq: 12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Utima
471.7750 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



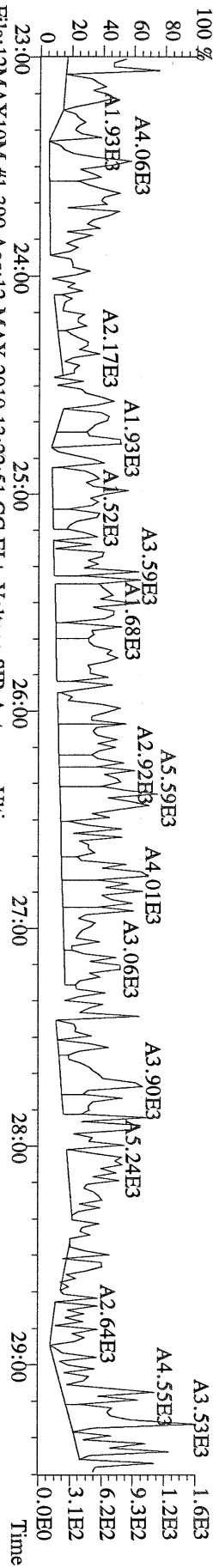
File: 12MAY10M #1-347 Acq: 12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Utima
454.9728 F:5 Exp:PCDD
Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory
100 % 48:23 48:48 49:03 49:18 49:32 49:54 50:19 50:41 51:00 51:28 51:58 52:17



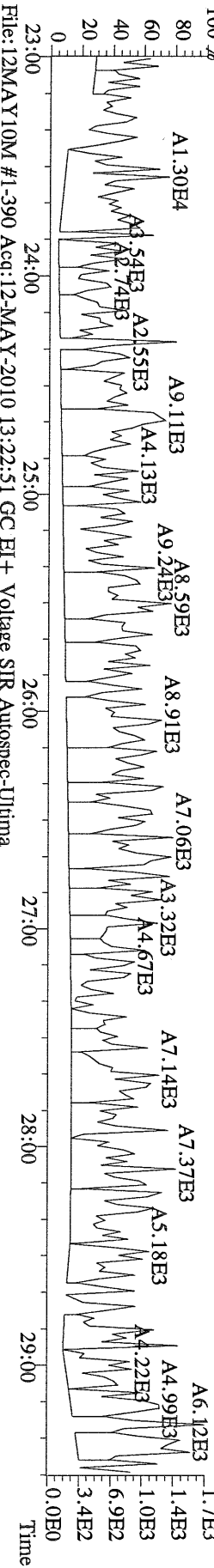
File:12MAY10M #1-390 Acq:12-MAY-2010 13:22:51 GC EI+ Voltage SIR Autospec-Utima
 303.9016 BSUB(10000,15,-3.0) PKD(5,5,3.0,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



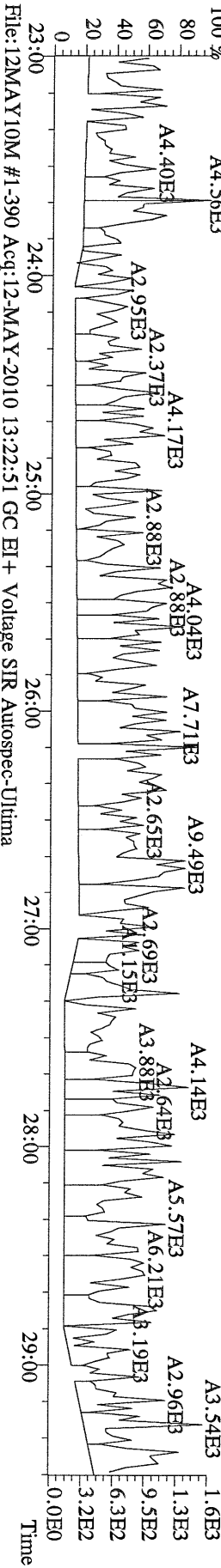
File:12MAY10M #1-390 Acq:12-MAY-2010 13:22:51 GC EI+ Voltage SIR Autospec-Utima
 339.8597 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



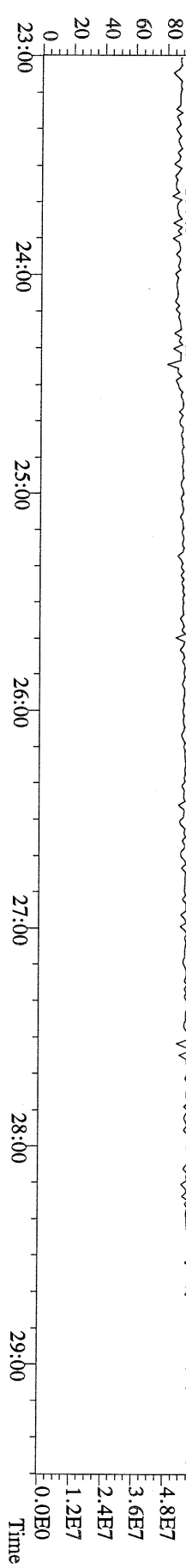
File:12MAY10M #1-390 Acq:12-MAY-2010 13:22:51 GC EI+ Voltage SIR Autospec-Utima
 341.8568 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



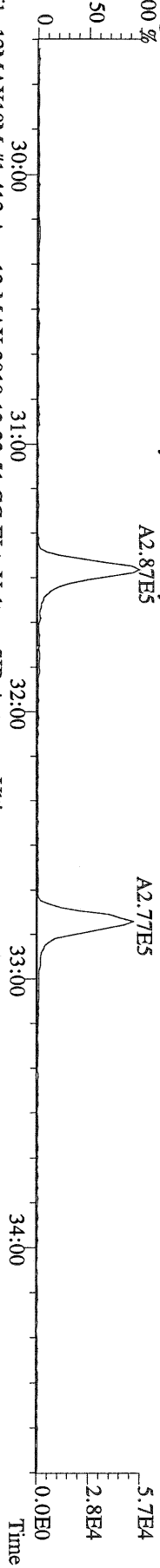
File:12MAY10M #1-390 Acq:12-MAY-2010 13:22:51 GC EI+ Voltage SIR Autospec-Utima
 409.7974 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



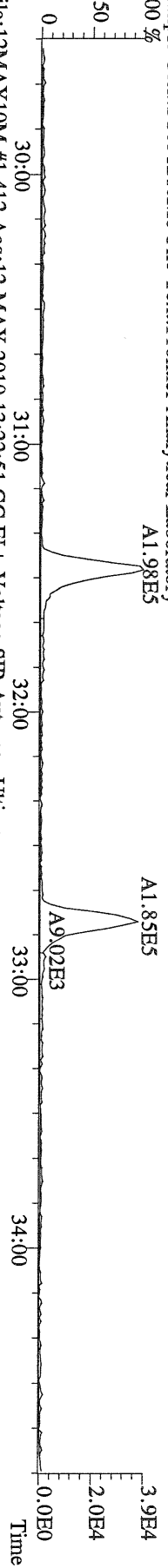
File:12MAY10M #1-390 Acq:12-MAY-2010 13:22:51 GC EI+ Voltage SIR Autospec-Utima
 330.9792 Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



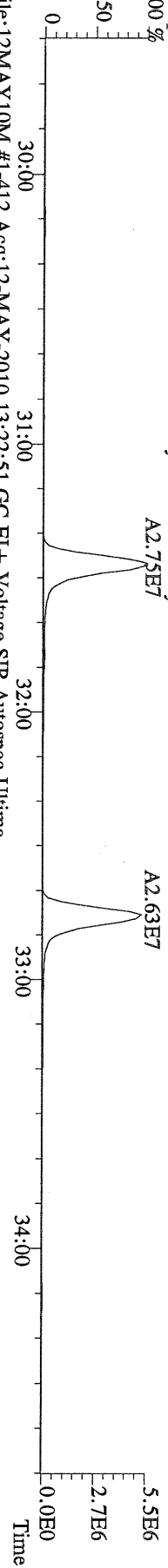
File:12MAY10M #1-412 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Utima
 339.8597 F-2: BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



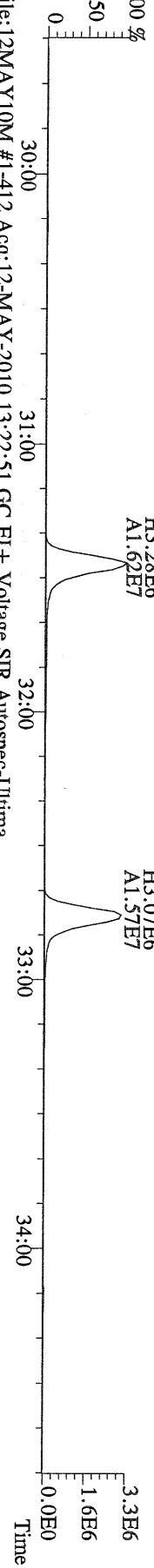
File:12MAY10M #1-412 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Utima
 341.8568 F-2: BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



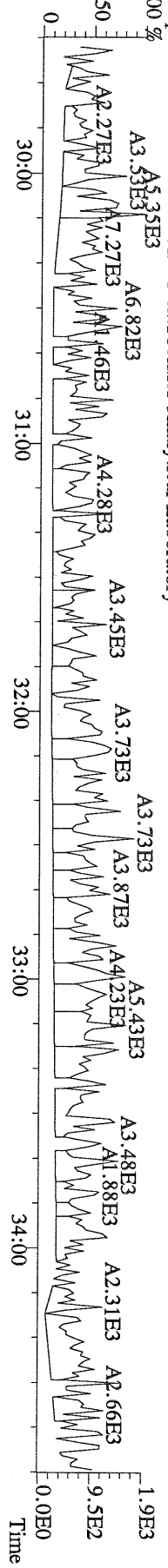
File:12MAY10M #1-412 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Utima
 351.9000 F-2: BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



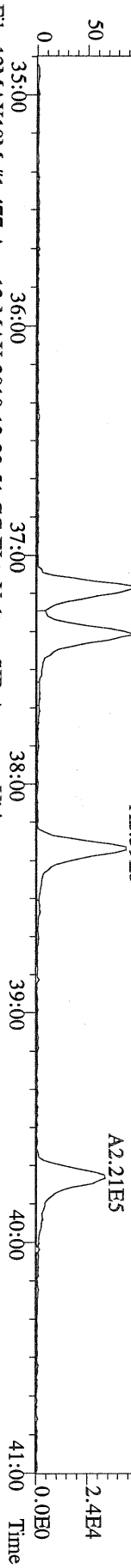
File:12MAY10M #1-412 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Utima
 353.8970 F-2: BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



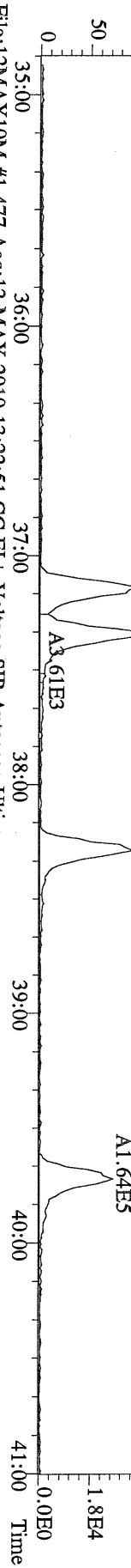
File:12MAY10M #1-412 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Utima
 409.7974 F-2: BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



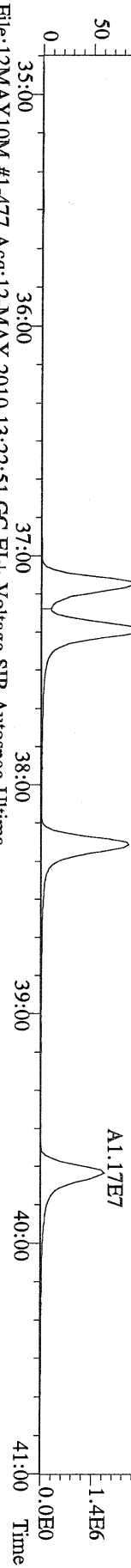
File:12MAY10M #1-477 Acq:12-MAY-2010 13:22:51 GC EI+ Voltage SIR Autospec-Utima
 373.8207 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



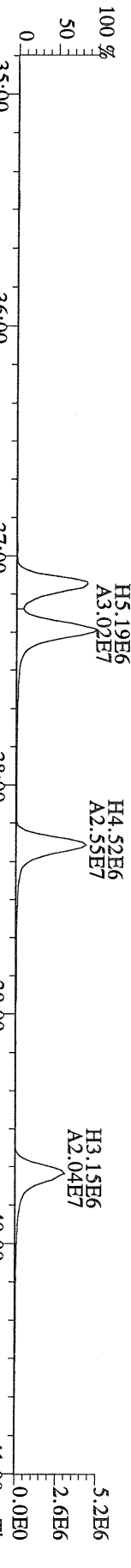
File:12MAY10M #1-477 Acq:12-MAY-2010 13:22:51 GC EI+ Voltage SIR Autospec-Utima
 375.8178 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



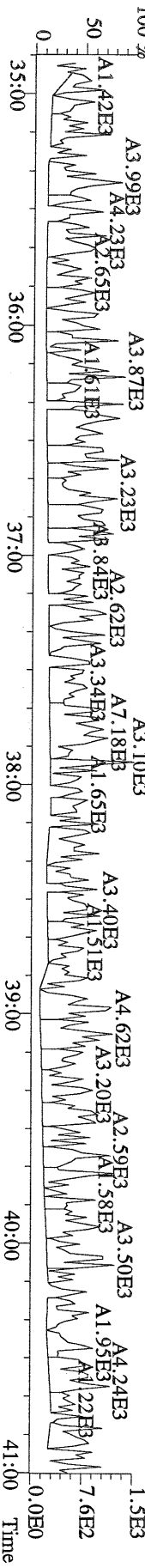
File:12MAY10M #1-477 Acq:12-MAY-2010 13:22:51 GC EI+ Voltage SIR Autospec-Utima
 383.8639 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



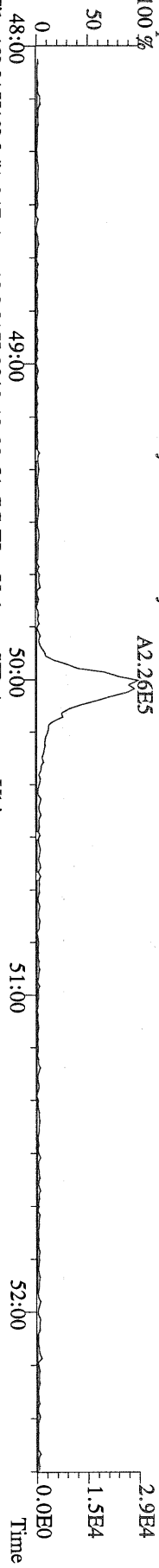
File:12MAY10M #1-477 Acq:12-MAY-2010 13:22:51 GC EI+ Voltage SIR Autospec-Utima
 385.8610 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



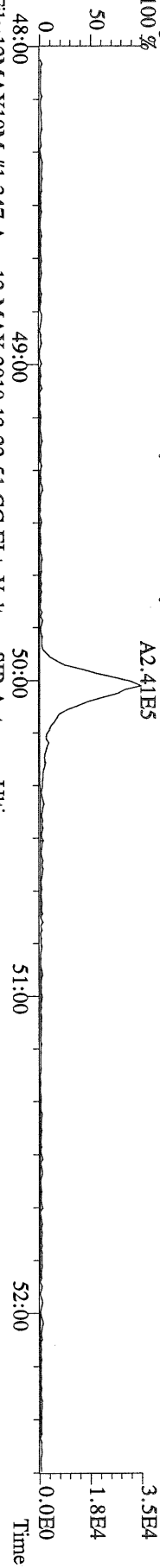
File:12MAY10M #1-477 Acq:12-MAY-2010 13:22:51 GC EI+ Voltage SIR Autospec-Utima
 445.7555 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



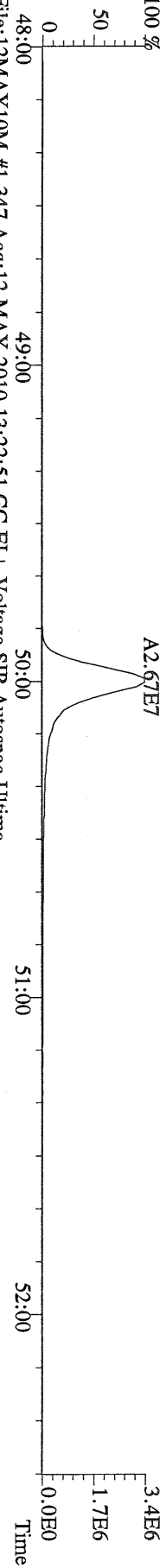
File:12MAY10M #1-347 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
 441.7428 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory
 100 %



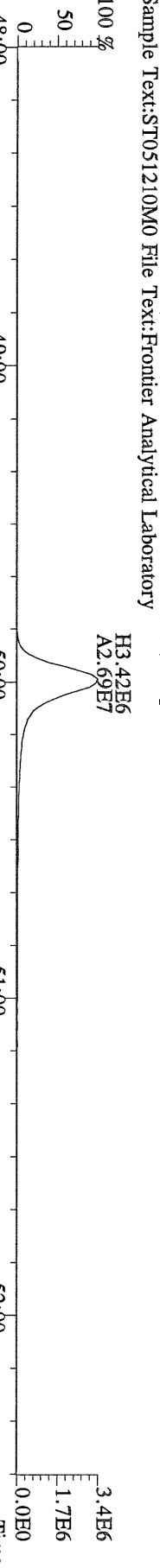
File:12MAY10M #1-347 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
 443.7398 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory
 100 %



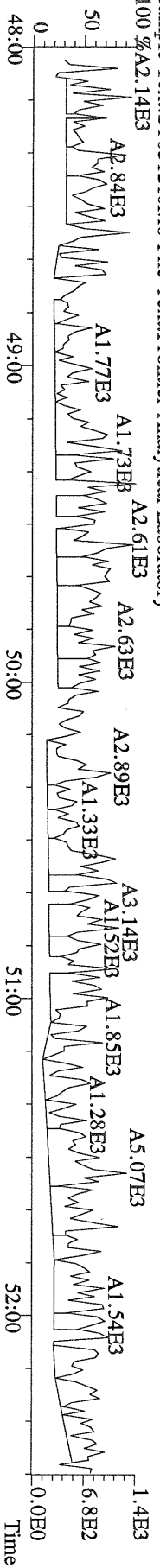
File:12MAY10M #1-347 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
 453.7831 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory
 100 %



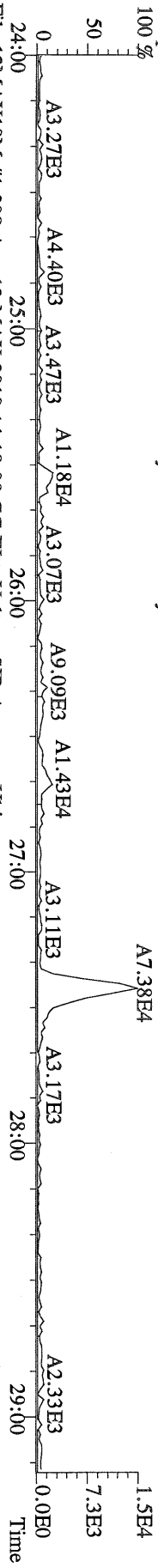
File:12MAY10M #1-347 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
 455.7801 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory



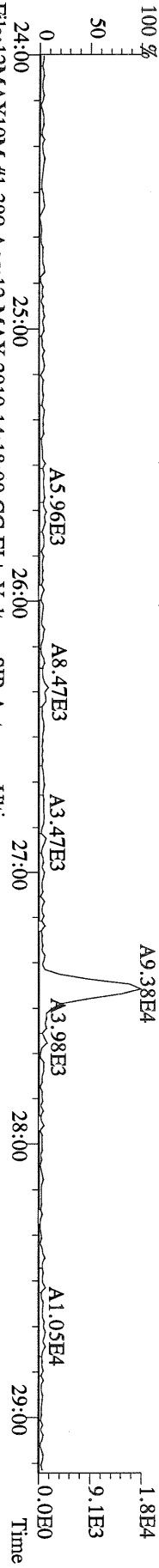
File:12MAY10M #1-347 Acq:12-MAY-2010 13:22:51 GC EI + Voltage SIR Autospec-Ultima
 513.6775 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M0 File Text:Frontier Analytical Laboratory
 100 %



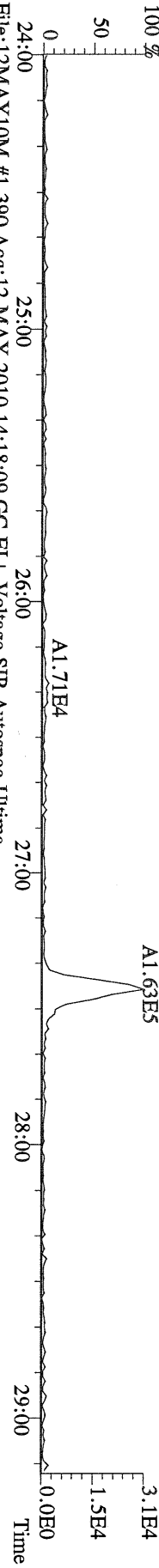
File:12MAY10M #1-390 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Ultima
319.8965 S:2.BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



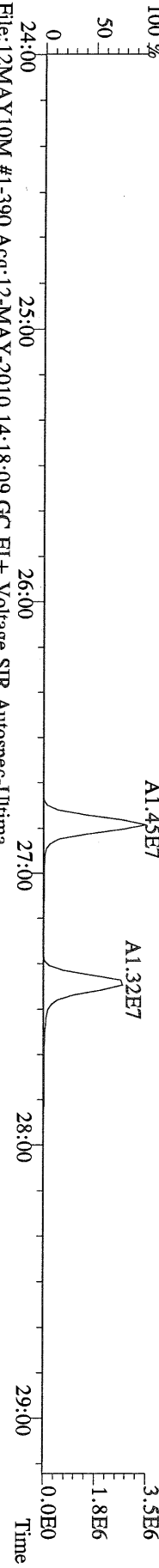
File:12MAY10M #1-390 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Ultima
321.8936 S:2.BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



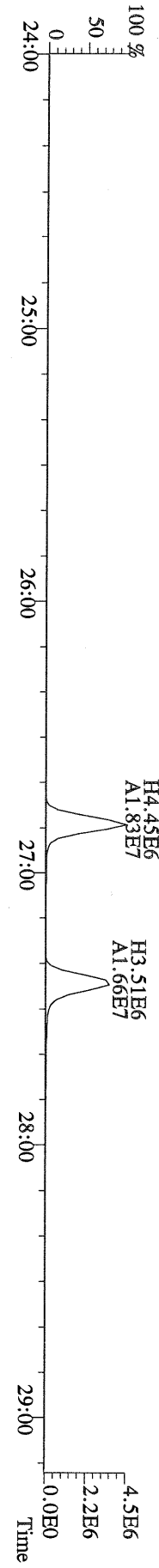
File:12MAY10M #1-390 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Ultima
327.8847 S:2.BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



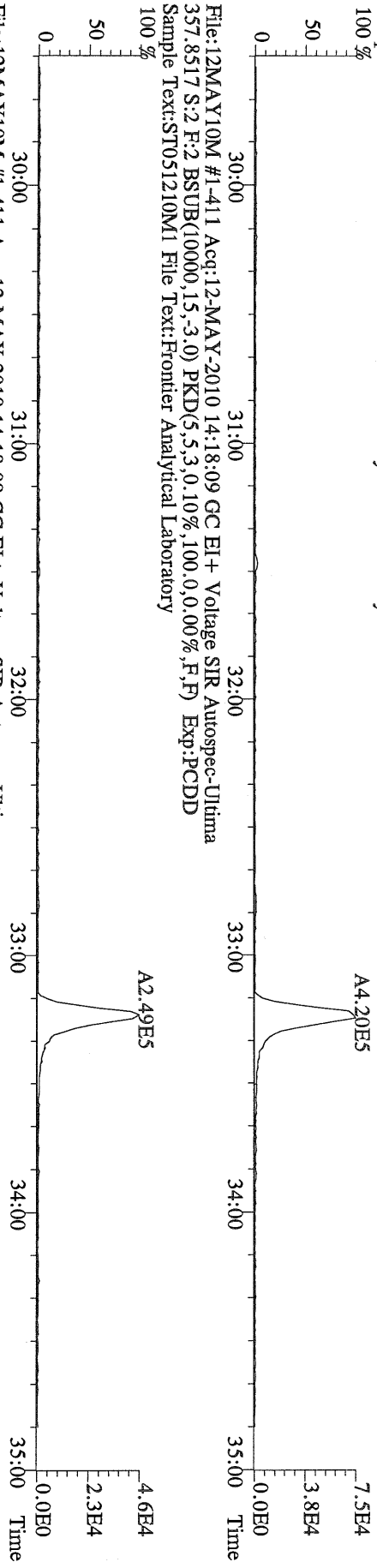
File:12MAY10M #1-390 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Ultima
331.9368 S:2.BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



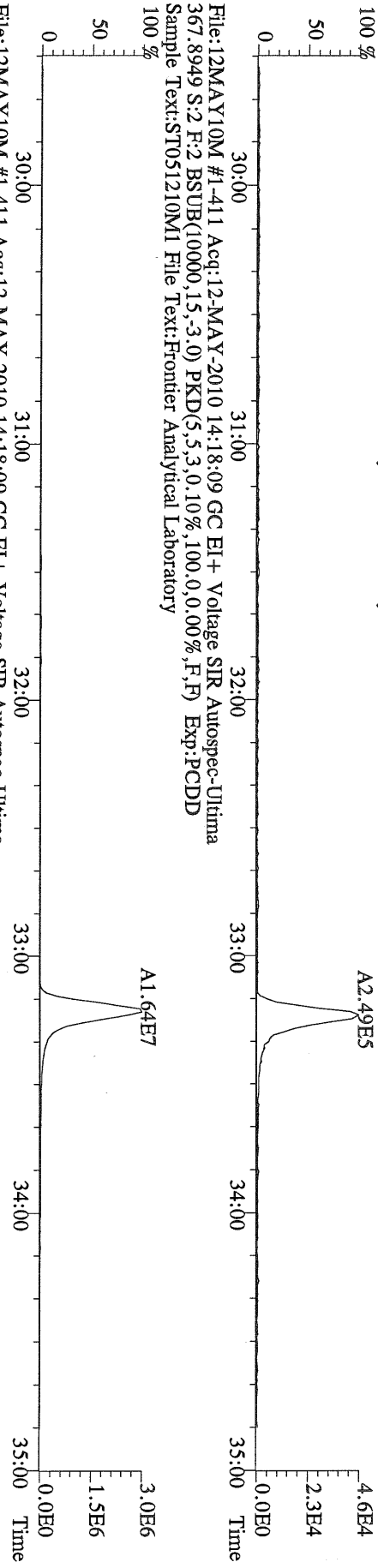
File:12MAY10M #1-390 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Ultima
333.9339 S:2.BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



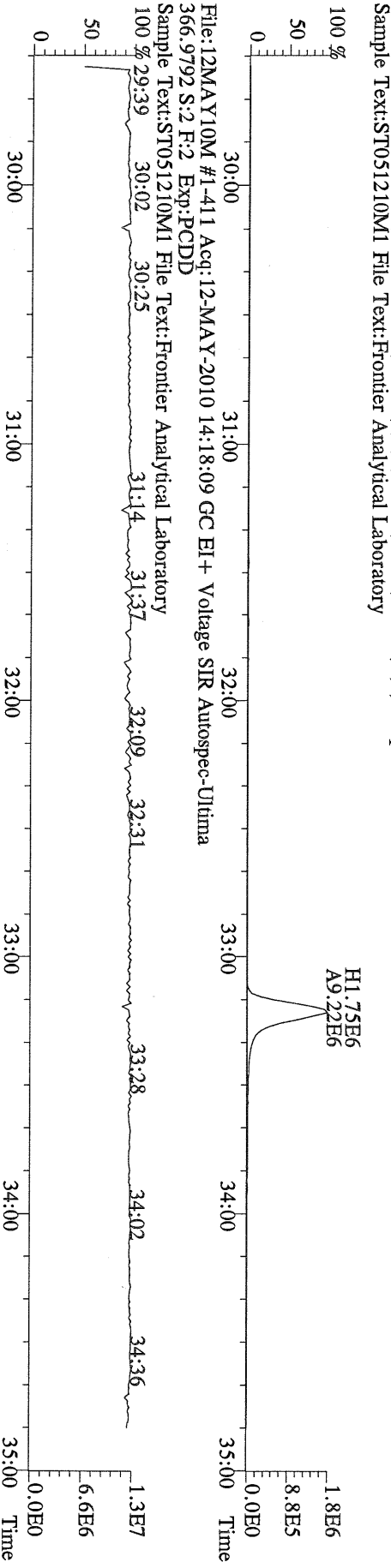
File:12MAY10M #1-411 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:2 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100%



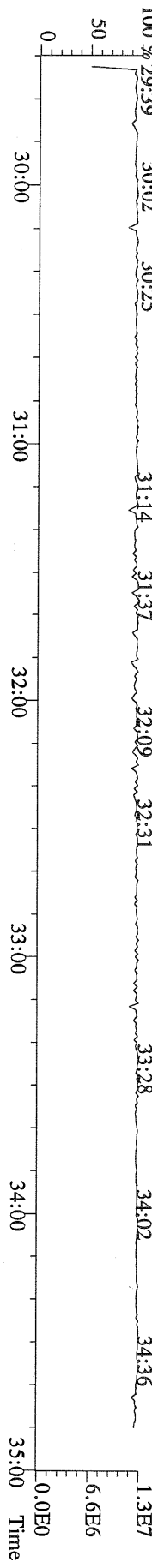
File:12MAY10M #1-411 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:2 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100%



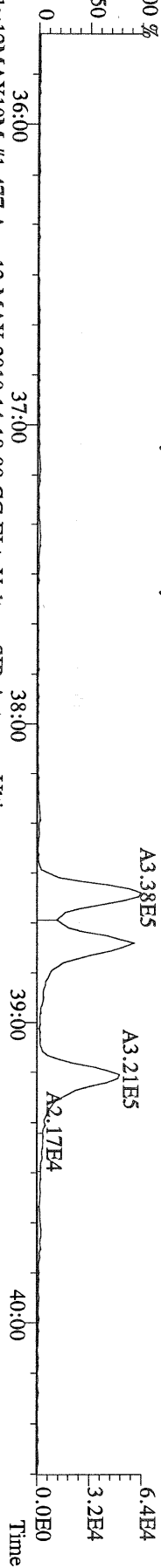
File:12MAY10M #1-411 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:2 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100%



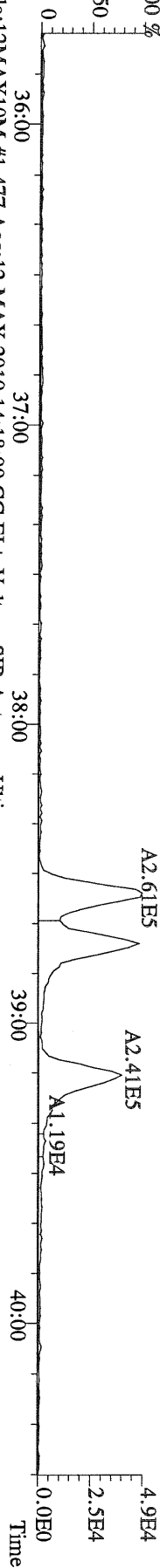
File:12MAY10M #1-411 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:2 F:2 Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100%



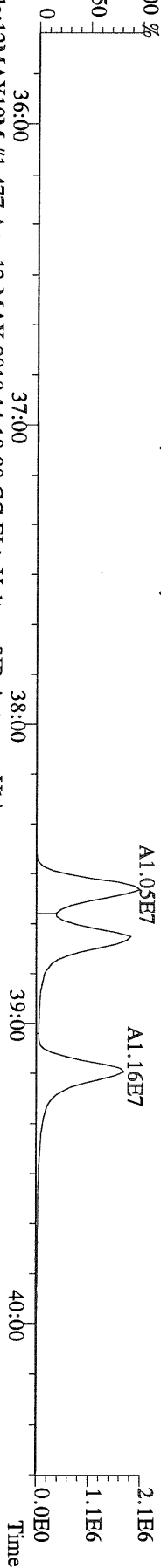
File:12MAY10M #1-477 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Utima
 389.8156 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



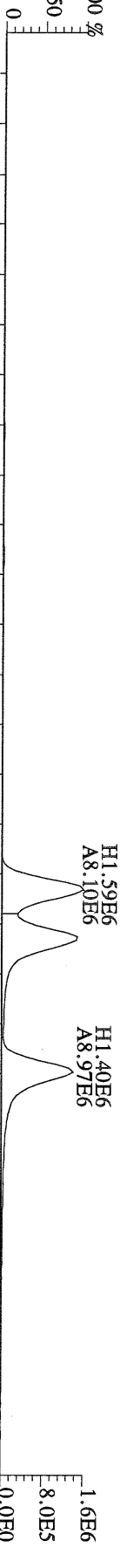
File:12MAY10M #1-477 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Utima
 391.8127 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



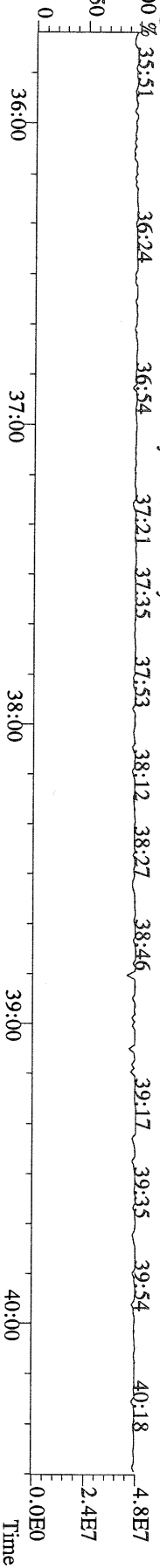
File:12MAY10M #1-477 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Utima
 401.8559 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



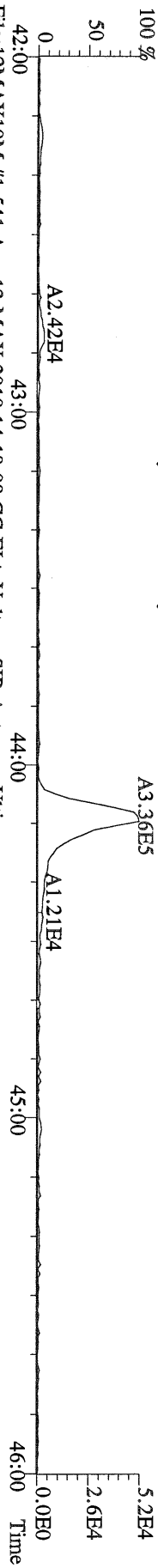
File:12MAY10M #1-477 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Utima
 403.8530 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



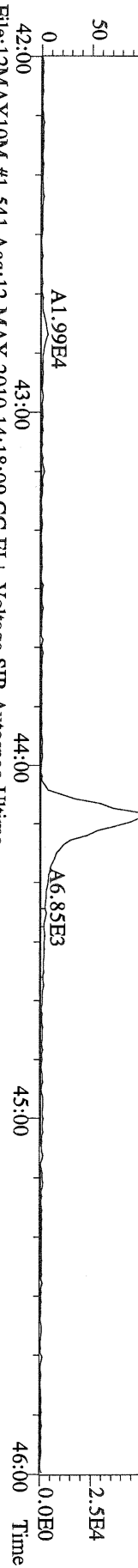
File:12MAY10M #1-477 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Utima
 380.9760 S:2 F:3 Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



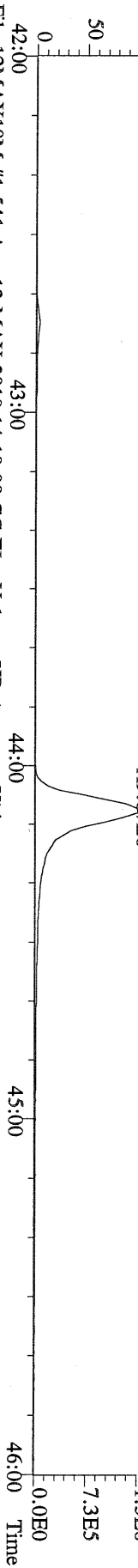
File:12MAY10M #1-541 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Utima
423.7767 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



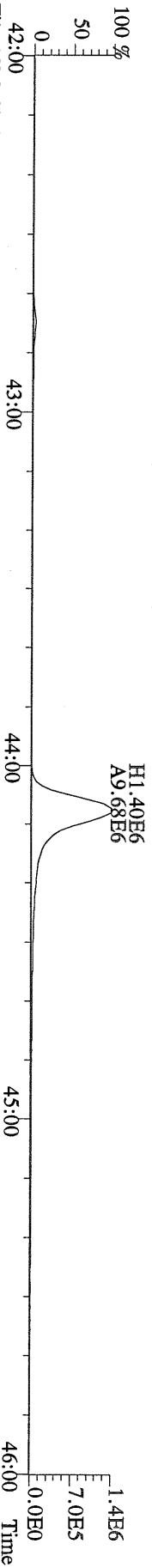
File:12MAY10M #1-541 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Utima
425.7737 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



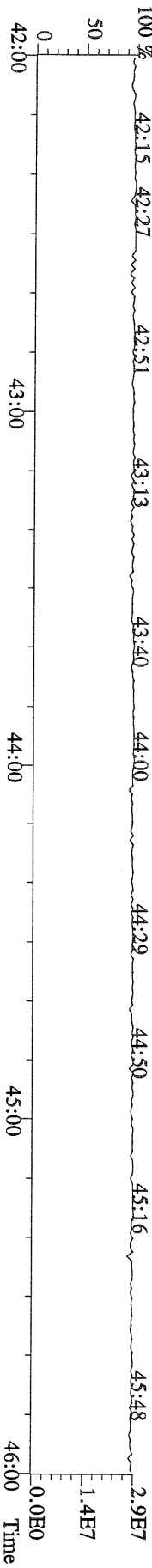
File:12MAY10M #1-541 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Utima
435.8169 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



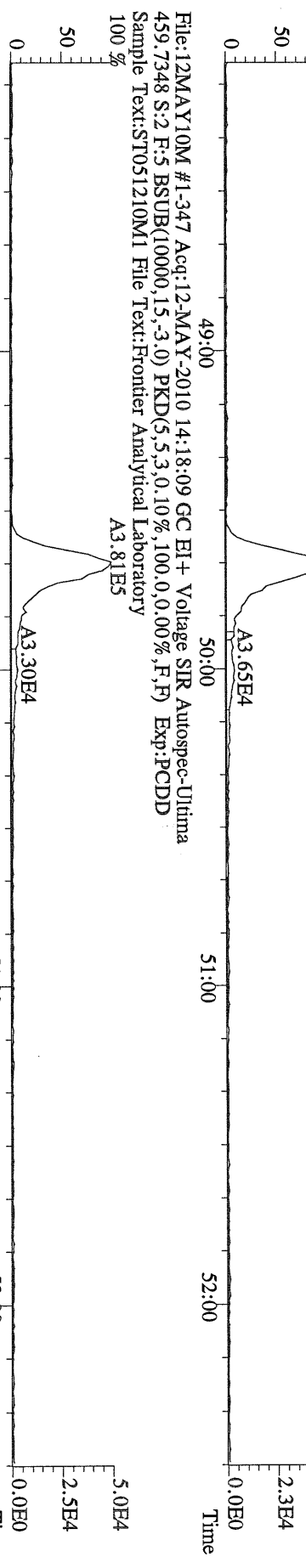
File:12MAY10M #1-541 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Utima
437.8140 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



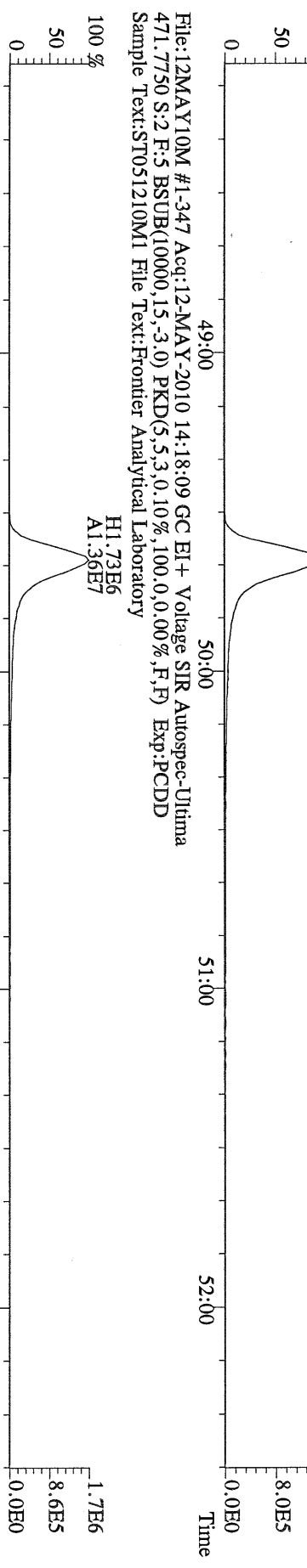
File:12MAY10M #1-541 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Utima
430.9728 S:2 F:4 Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



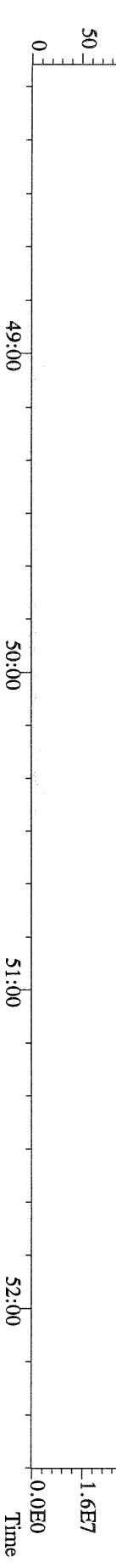
File:12MAY10M #1-347 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Ultima
457.7377 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100 %



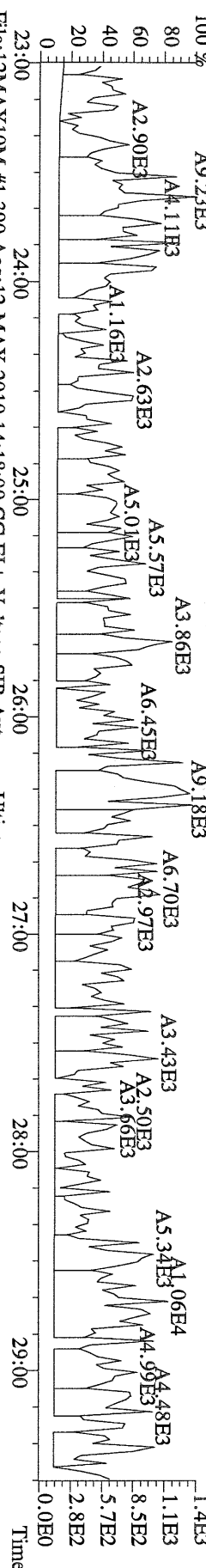
File:12MAY10M #1-347 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Ultima
469.7780 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100 %



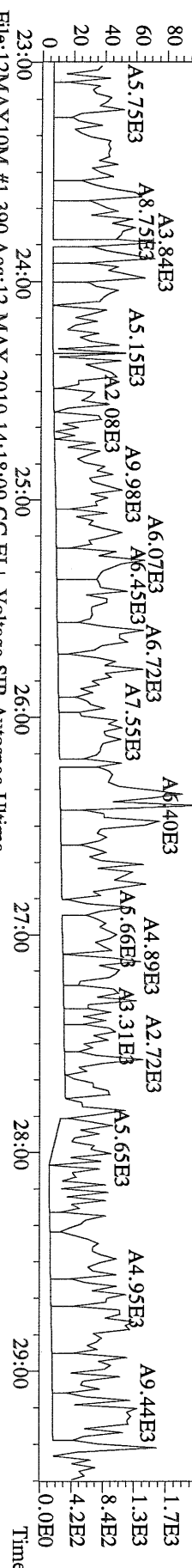
File:12MAY10M #1-347 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Ultima
454.9728 S:2 F:5 Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100 %



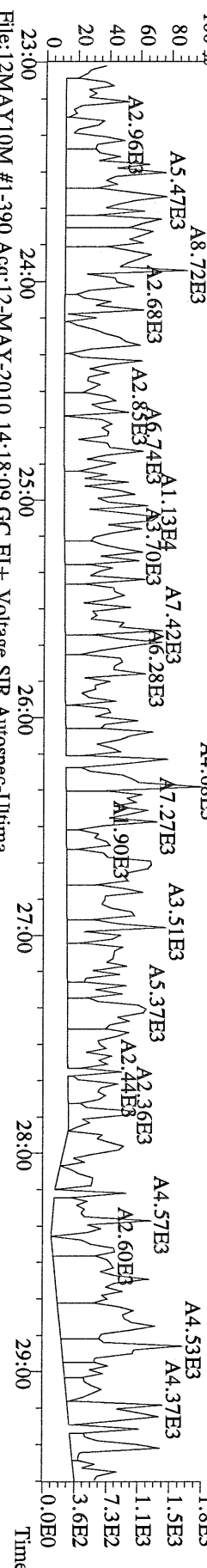
File:12MAY10M #1-390 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Utima
 339.8597 S:2 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



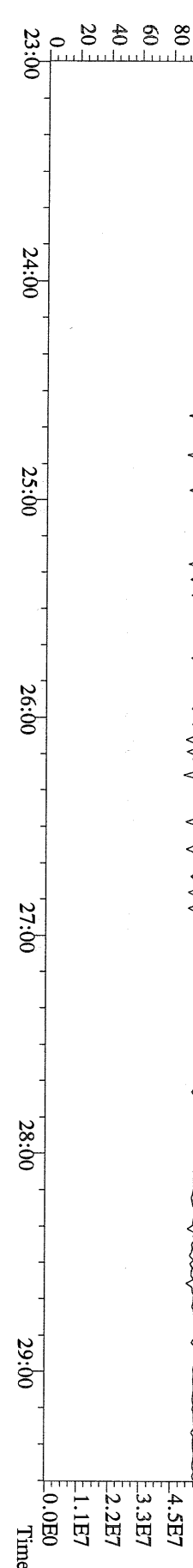
File:12MAY10M #1-390 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Utima
 341.8568 S:2 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



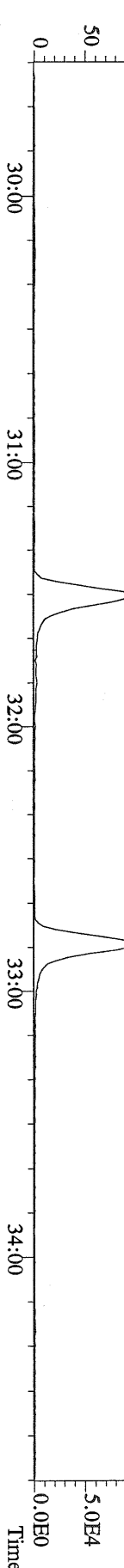
File:12MAY10M #1-390 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Utima
 409.7974 S:2 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



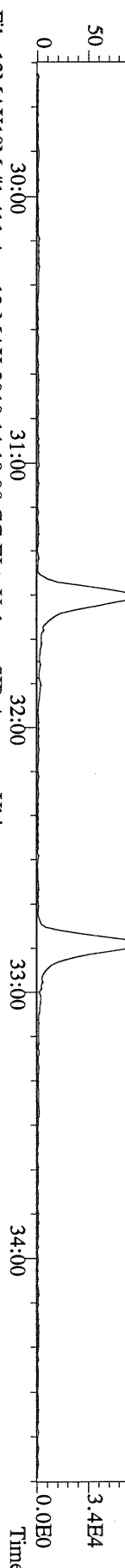
File:12MAY10M #1-390 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Utima
 330.9792 S:2 Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



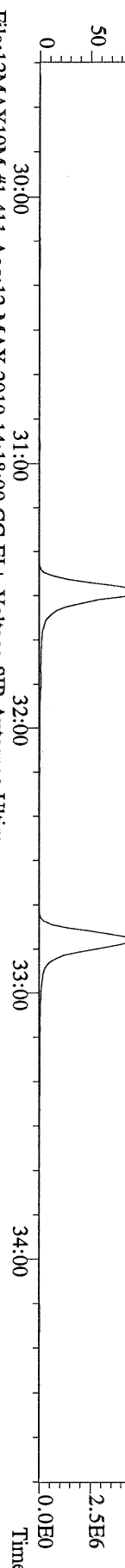
File:12MAY10M #1-411 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



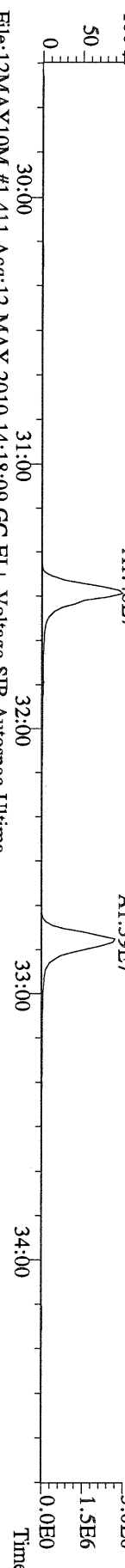
File:12MAY10M #1-411 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



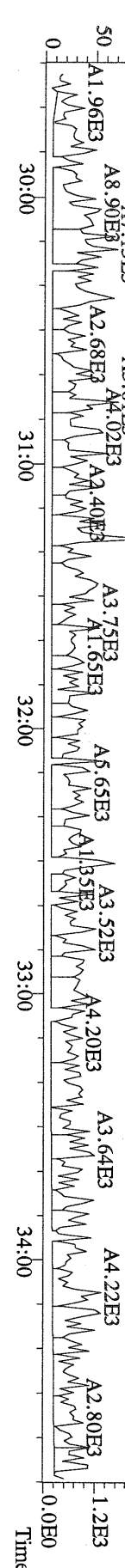
File:12MAY10M #1-411 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



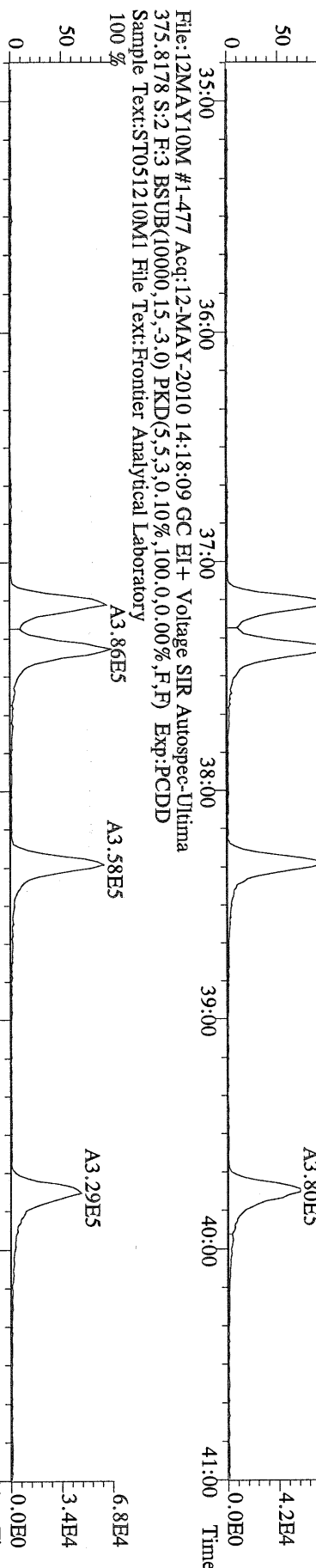
File:12MAY10M #1-411 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
 353.8970 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



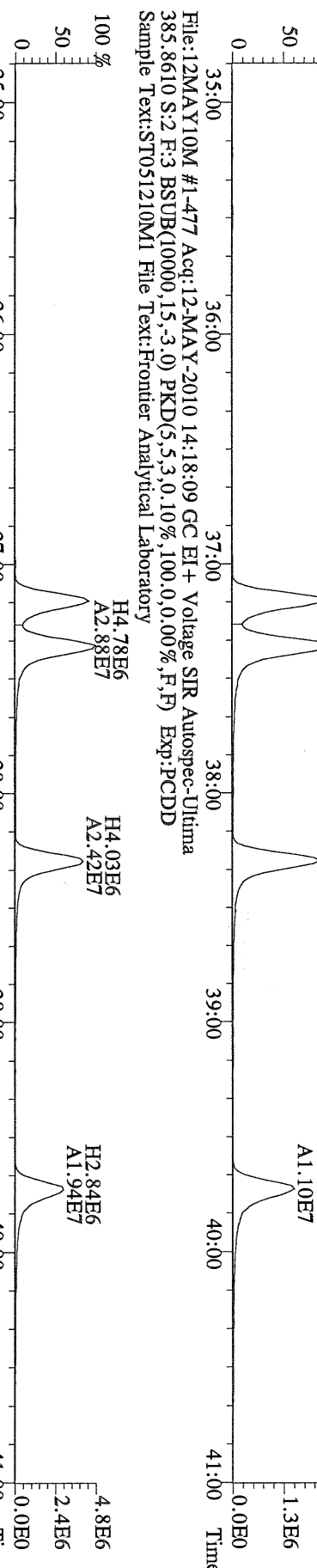
File:12MAY10M #1-411 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



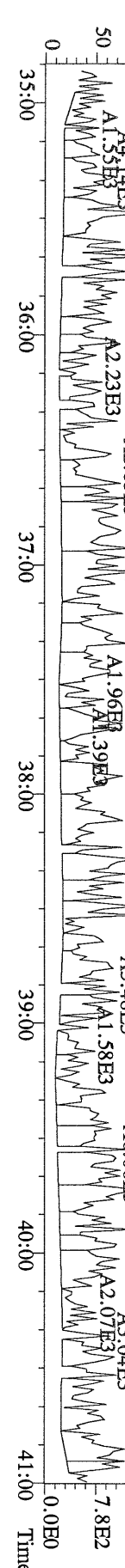
File:12MAY10M #1-477 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Utima
373.8207 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



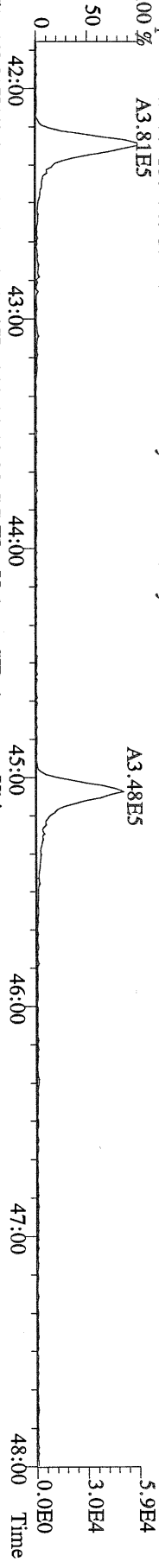
File:12MAY10M #1-477 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Utima
383.8639 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



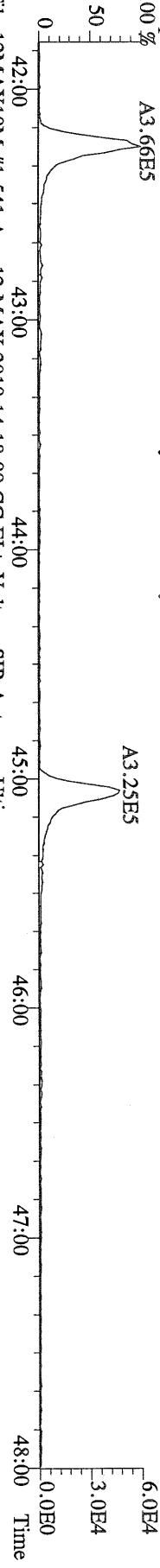
File:12MAY10M #1-477 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Utima
445.7555 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



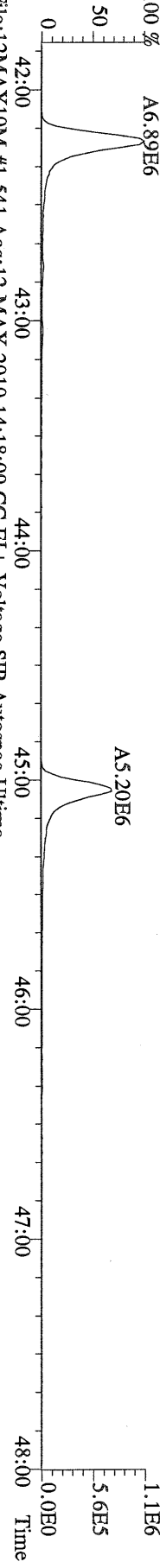
File:12MAY10M #1-541 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100 % A3.81E5



File:12MAY10M #1-541 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100 % A3.66E5



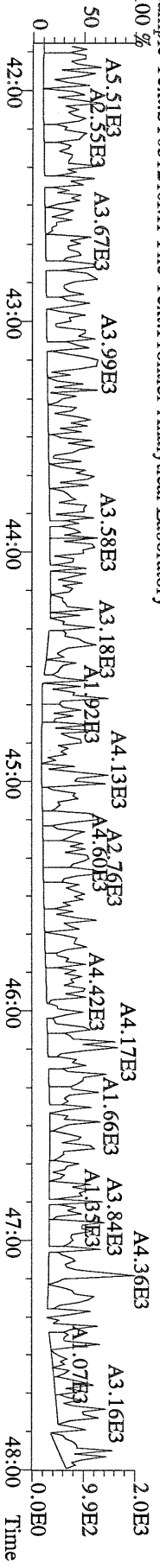
File:12MAY10M #1-541 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100 % A6.89E6



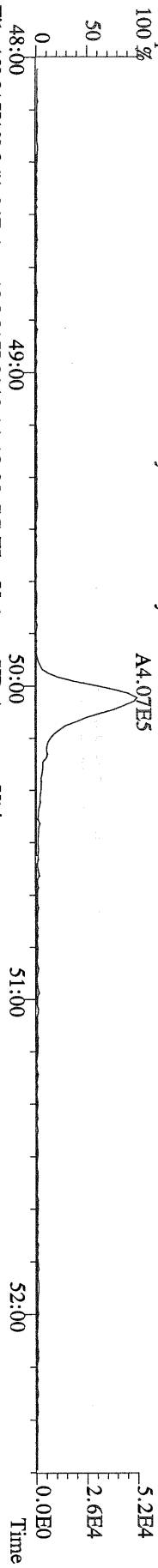
File:12MAY10M #1-541 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



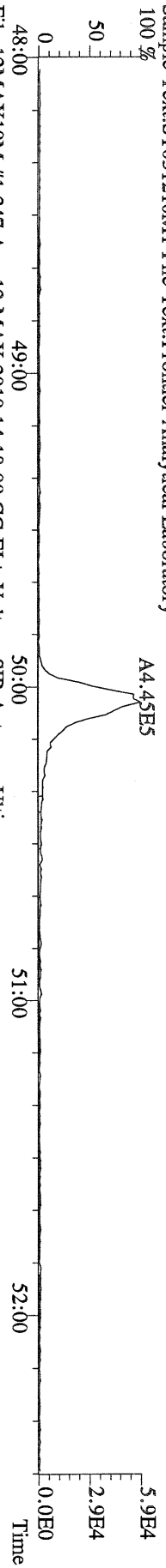
File:12MAY10M #1-541 Acq:12-MAY-2010 14:18:09 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



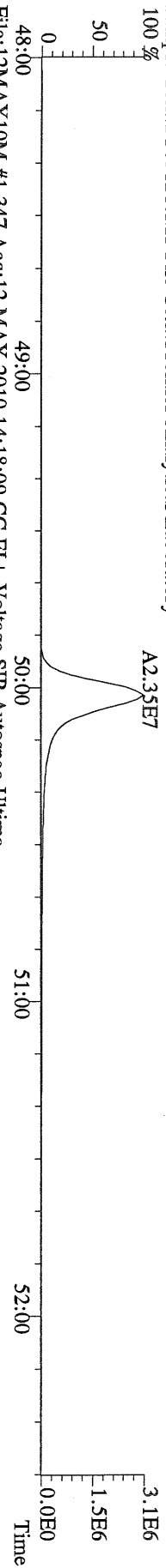
File:12MAY10M #1-347 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Ultima
441.7428 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100 %



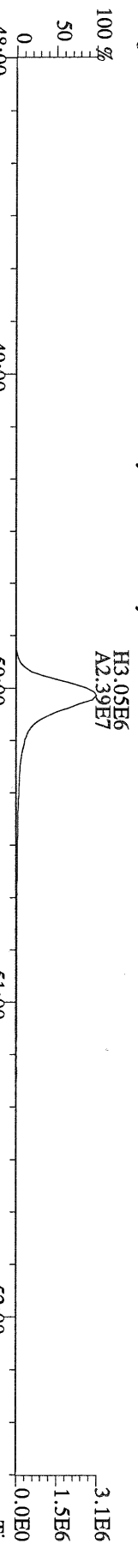
File:12MAY10M #1-347 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Ultima
443.7398 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100 %



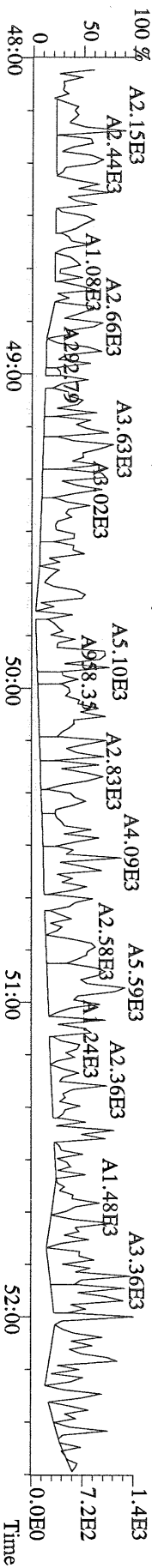
File:12MAY10M #1-347 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Ultima
453.7831 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100 %



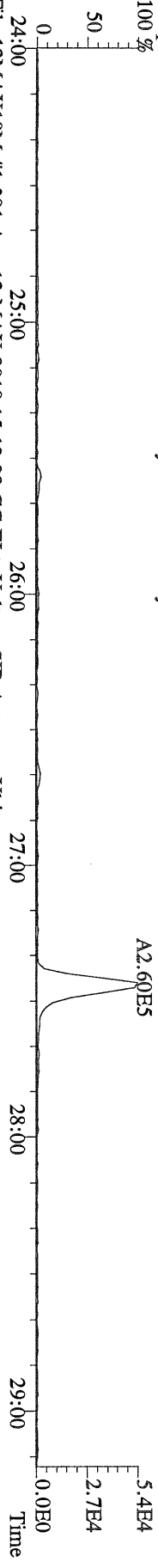
File:12MAY10M #1-347 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Ultima
455.7801 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory



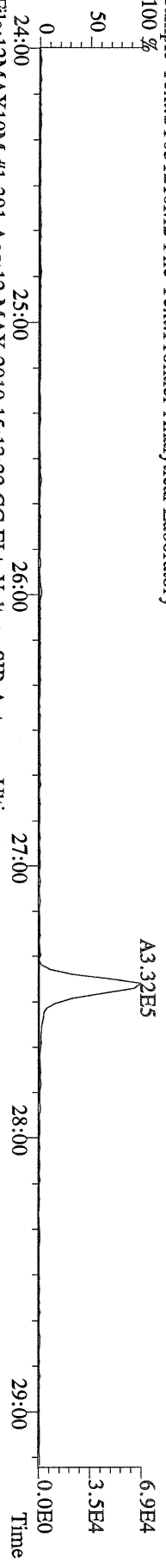
File:12MAY10M #1-347 Acq:12-MAY-2010 14:18:09 GC EI + Voltage SIR Autospec-Ultima
513.6775 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M1 File Text:Frontier Analytical Laboratory
100 %



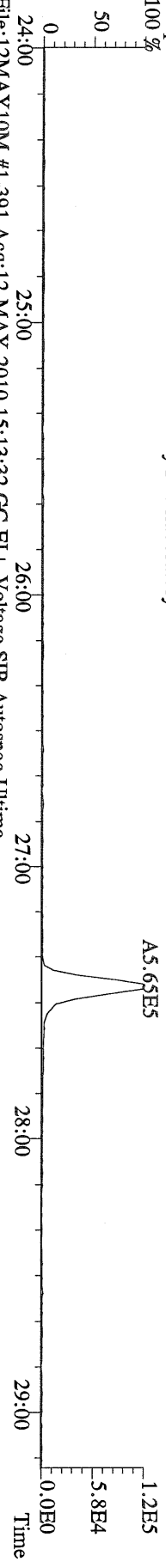
File:12MAY10M #1-391 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Ultima
319.8965 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory
100 %



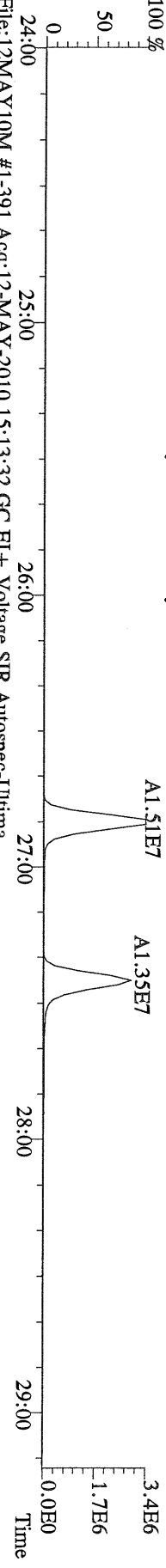
File:12MAY10M #1-391 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Ultima
321.8936 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory
100 %



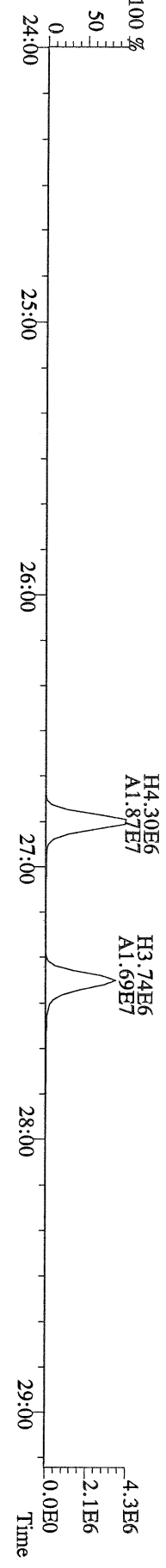
File:12MAY10M #1-391 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Ultima
327.8847 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory
100 %



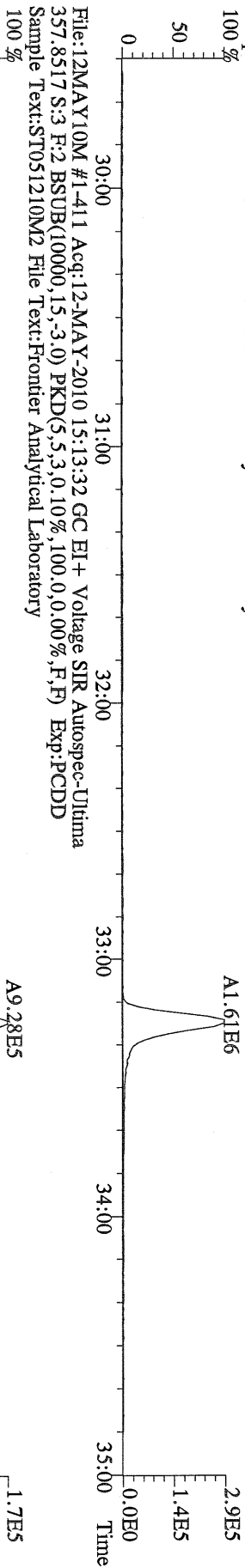
File:12MAY10M #1-391 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Ultima
331.9368 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory
100 %



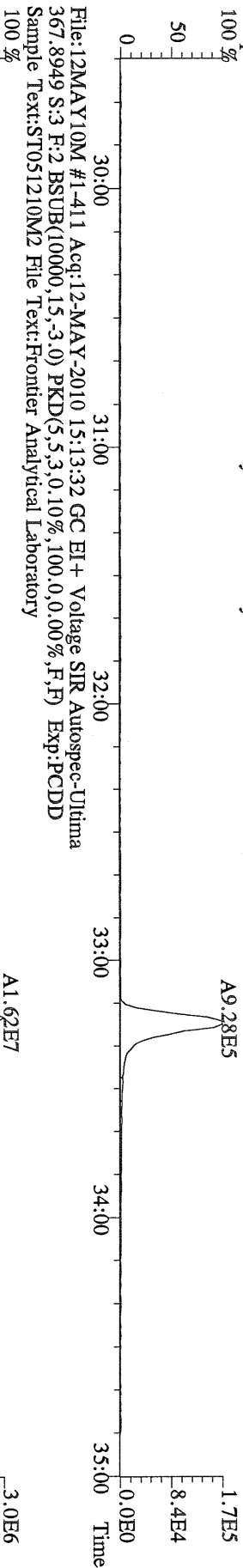
File:12MAY10M #1-391 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Ultima
333.9339 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



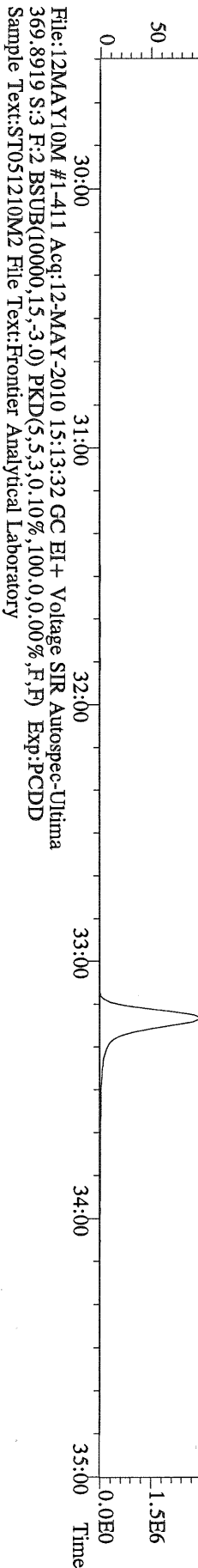
File:12MAY10M #1-411 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
355.8546 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



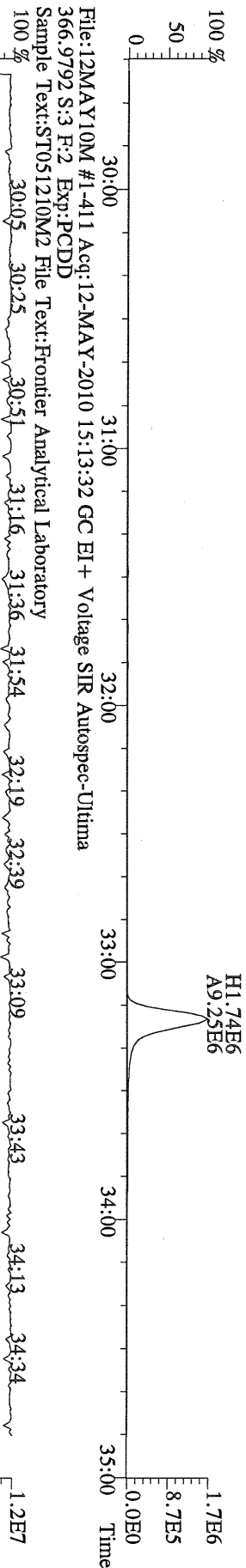
File:12MAY10M #1-411 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
357.8517 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



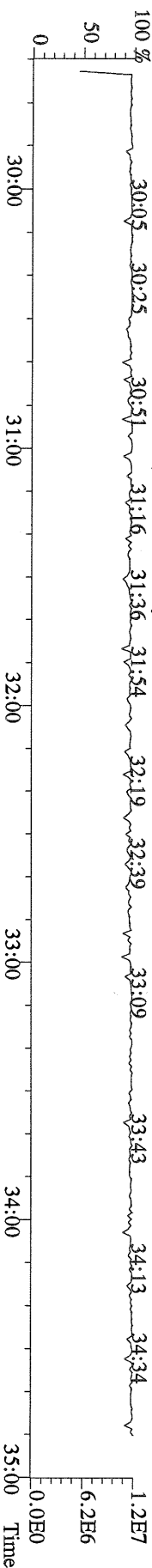
File:12MAY10M #1-411 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
367.8949 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



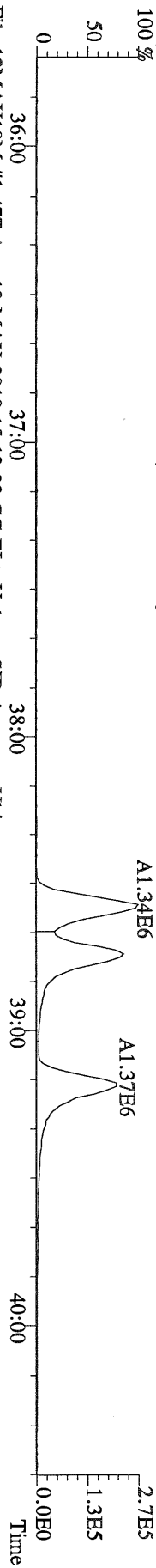
File:12MAY10M #1-411 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
369.8919 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



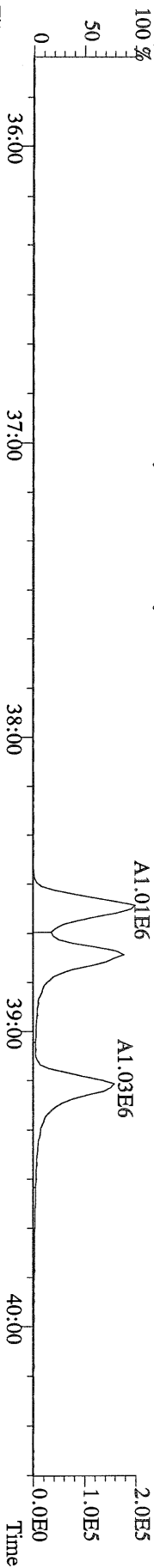
File:12MAY10M #1-411 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
366.9792 S:3 F:2 Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



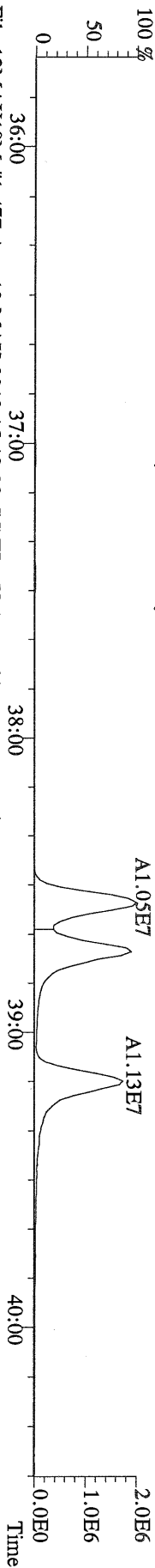
File:12MAY10M #1-477 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



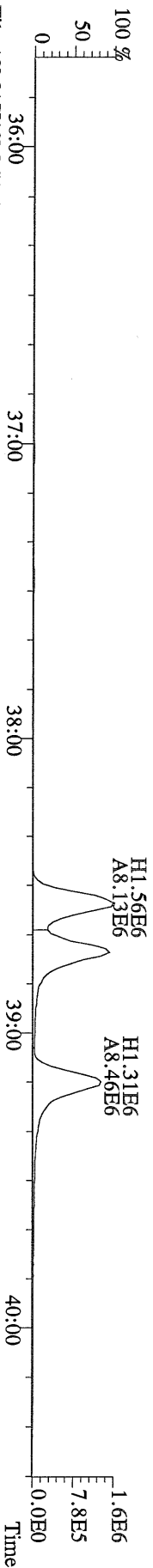
File:12MAY10M #1-477 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



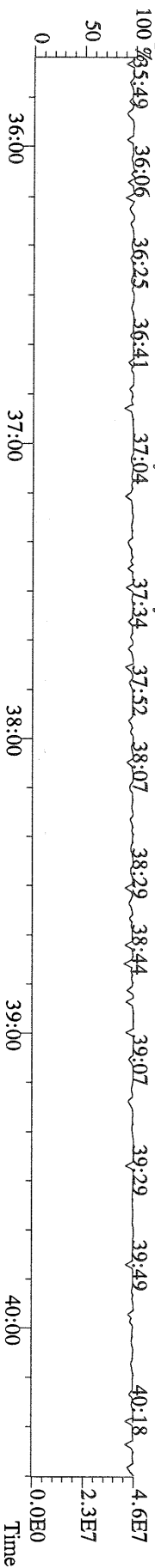
File:12MAY10M #1-477 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



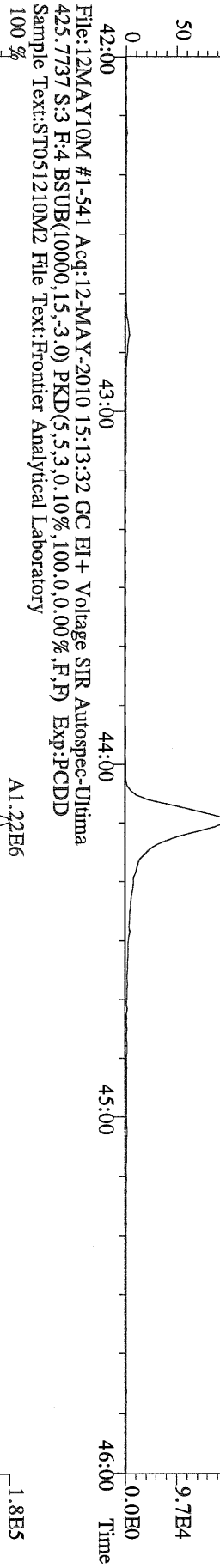
File:12MAY10M #1-477 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



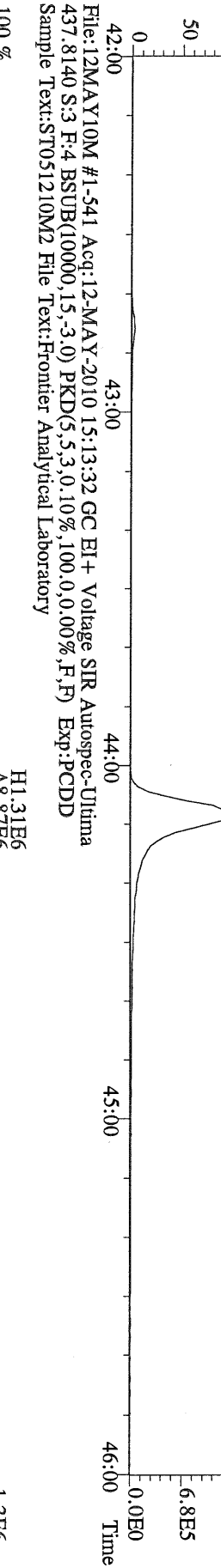
File:12MAY10M #1-477 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:3 F:3 Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



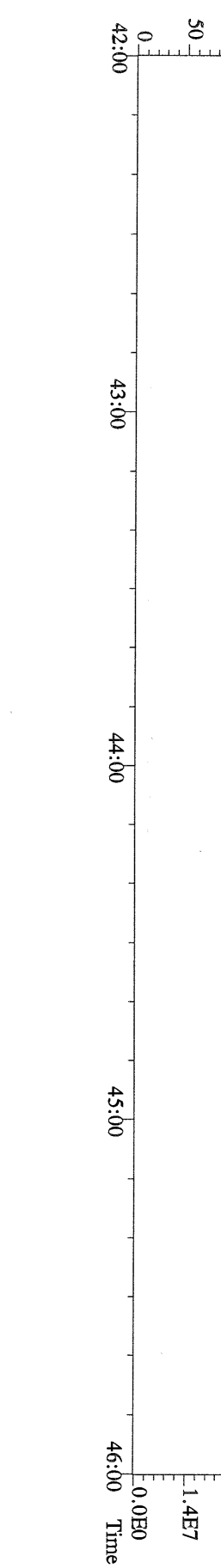
File:12MAY10M #1-541 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
423.7767 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



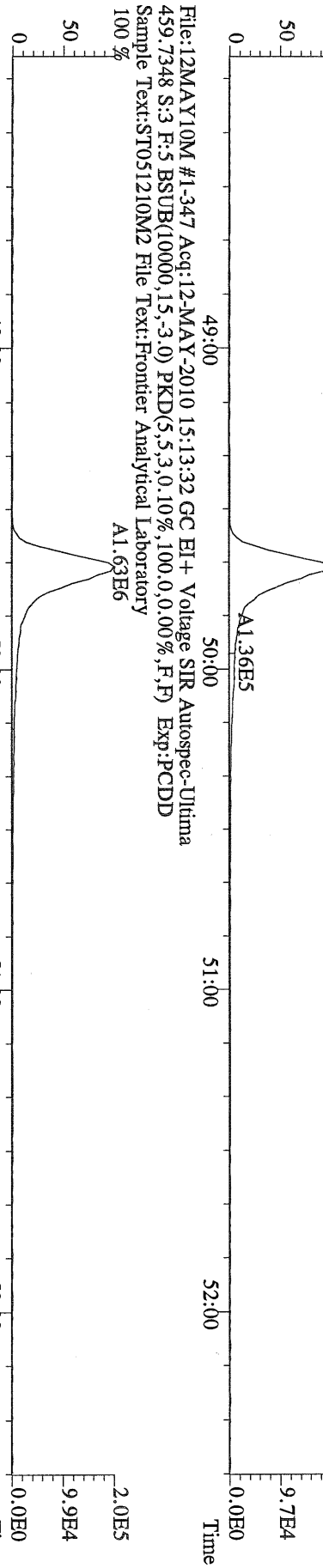
File:12MAY10M #1-541 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
435.8169 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



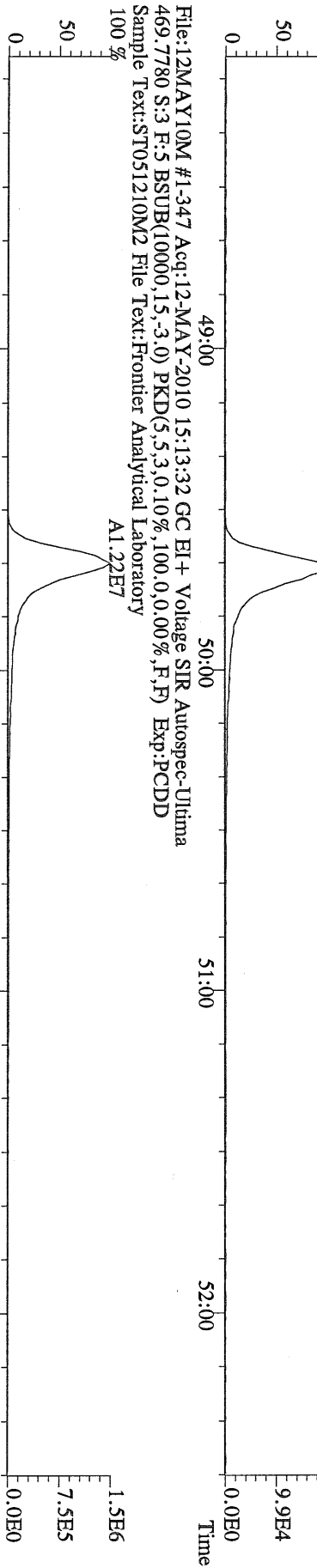
File:12MAY10M #1-541 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
430.9728 S:3 F:4 Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



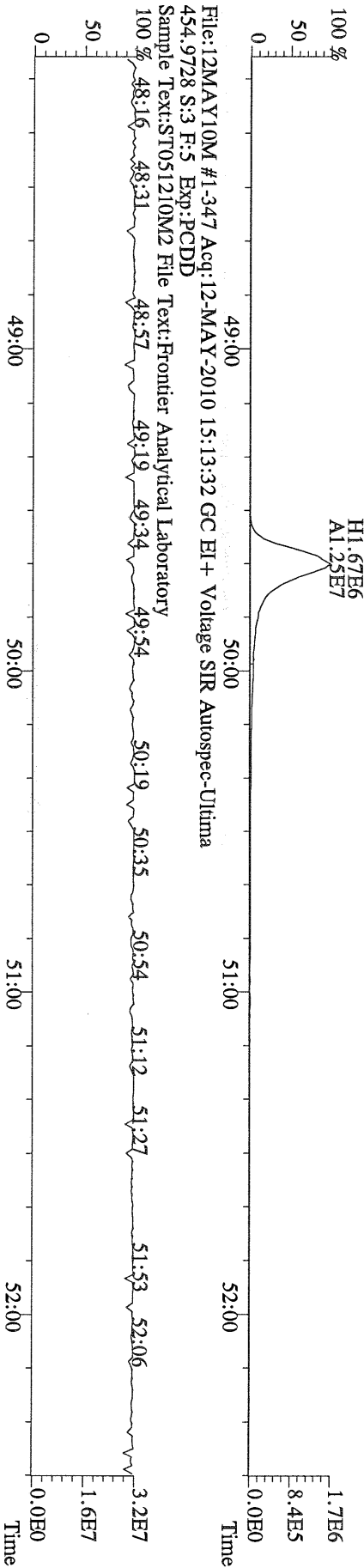
File:12MAY10M #1-347 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



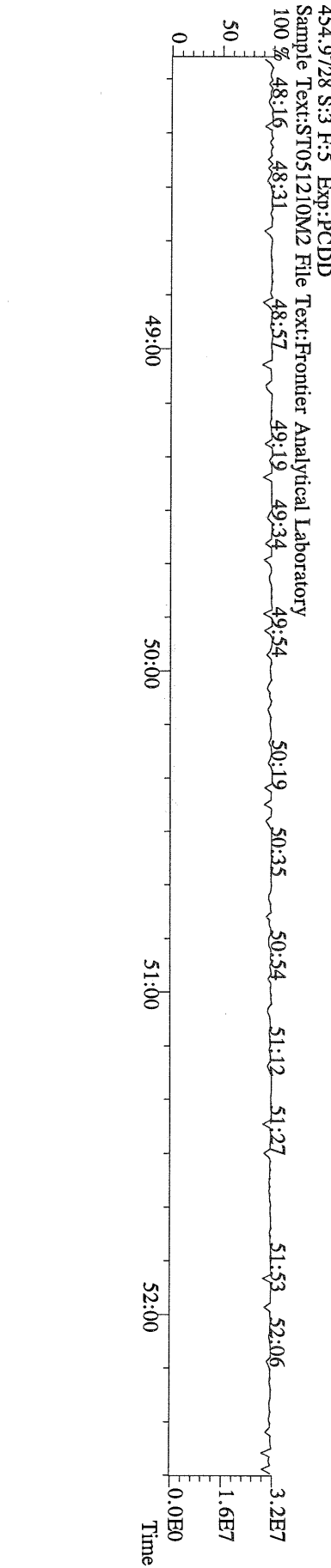
File:12MAY10M #1-347 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



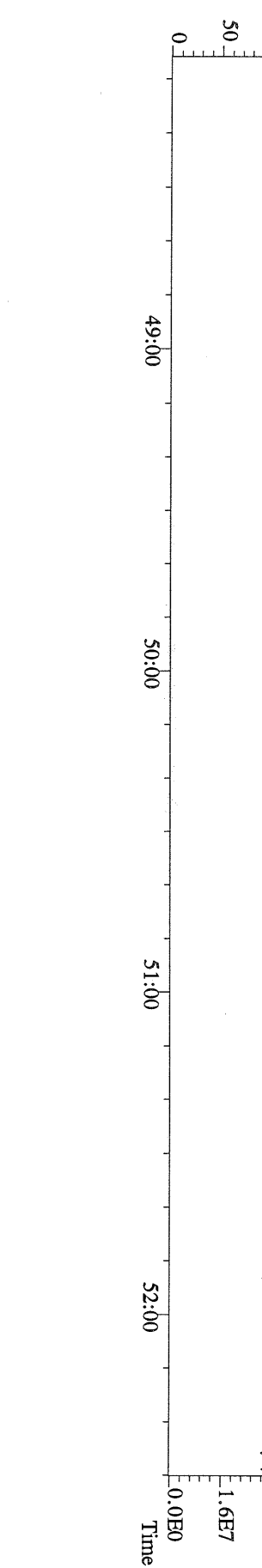
File:12MAY10M #1-347 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



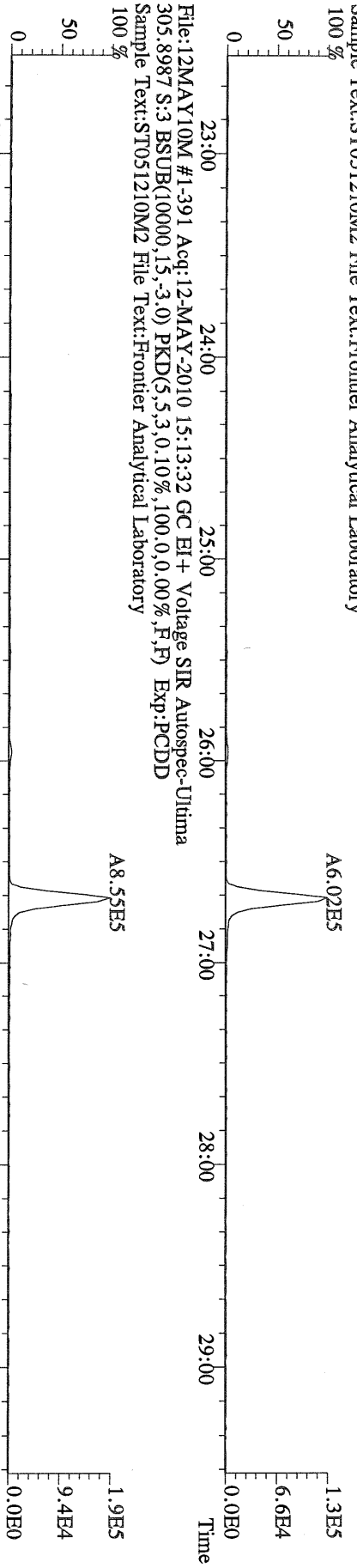
File:12MAY10M #1-347 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



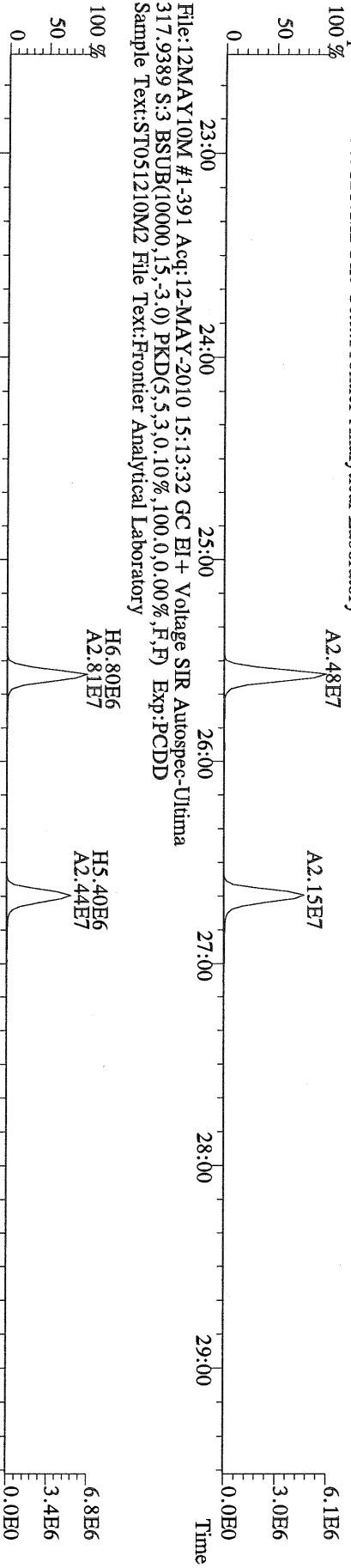
File:12MAY10M #1-347 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
481.7728 S:3 F:5 Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



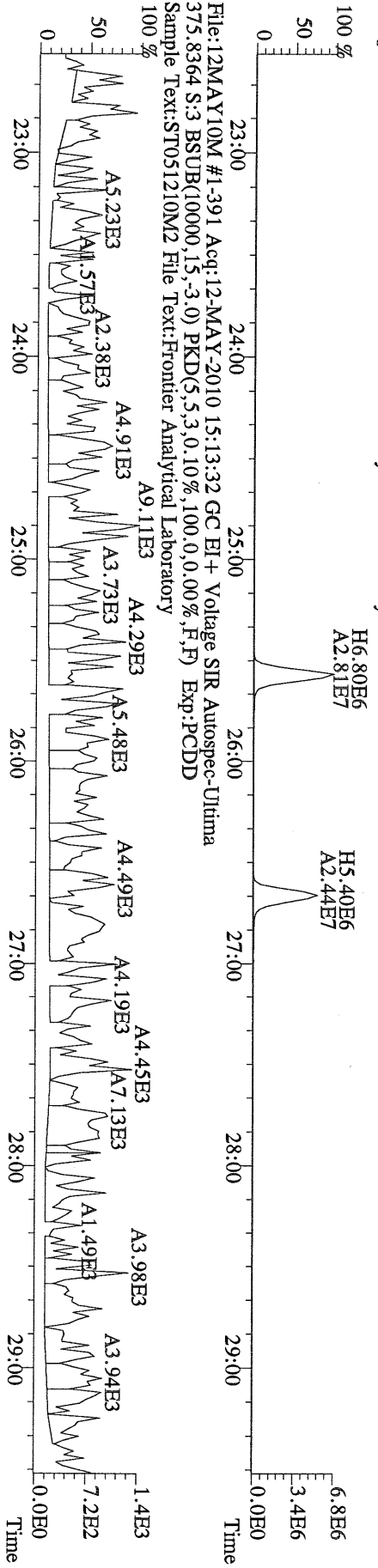
File:12MAY10M #1-391 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Utima
 303.9016 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



File:12MAY10M #1-391 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Utima
 315.9419 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory

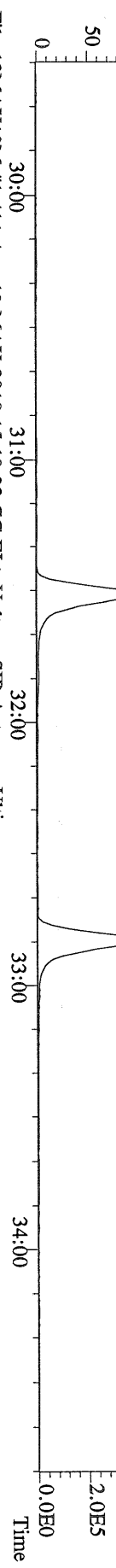


File:12MAY10M #1-391 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Utima
 317.9389 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory

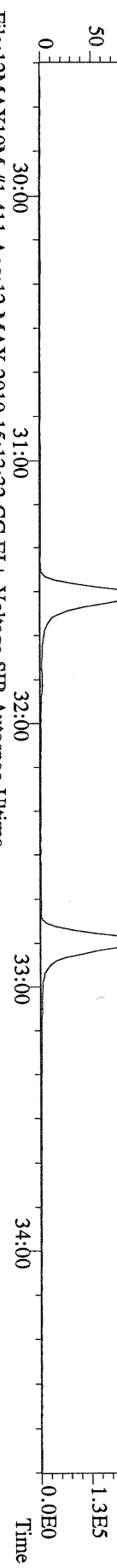


File:12MAY10M #1-391 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Utima
 375.8364 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory

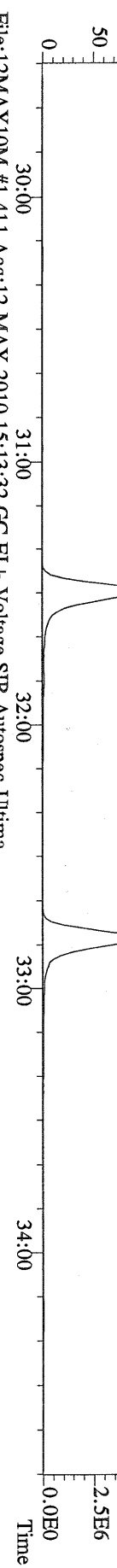
File:12MAY10M #1-411 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



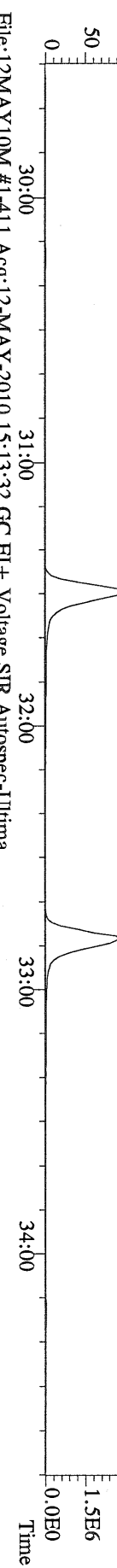
File:12MAY10M #1-411 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



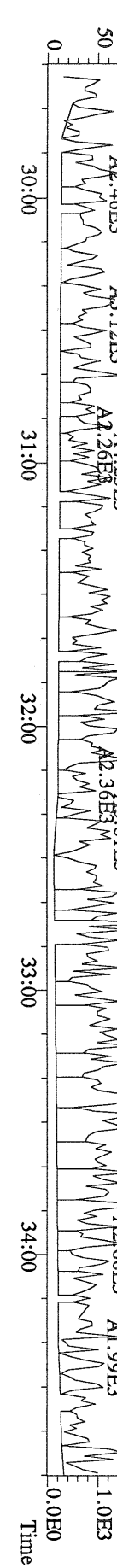
File:12MAY10M #1-411 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



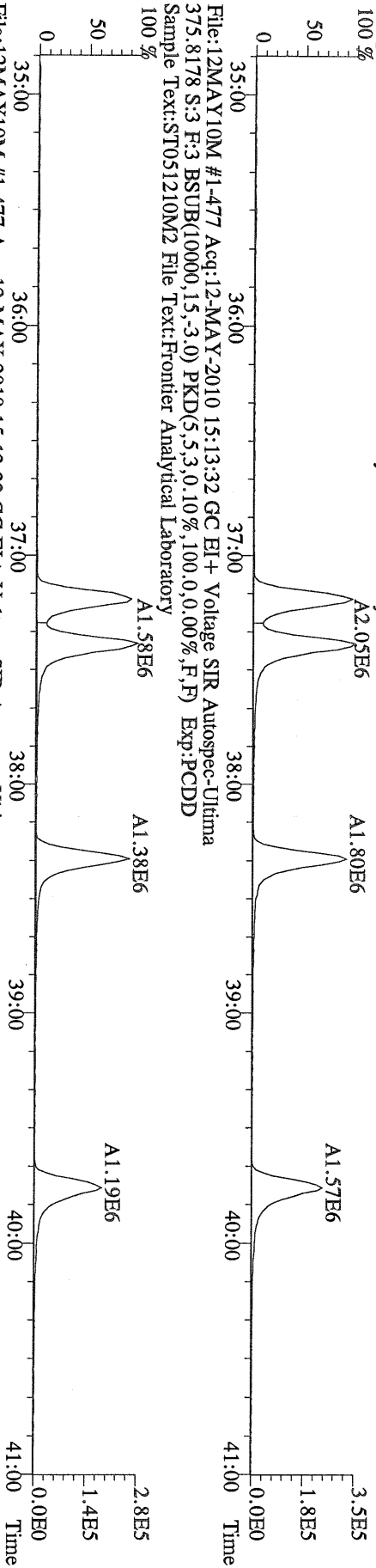
File:12MAY10M #1-411 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
 353.8970 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



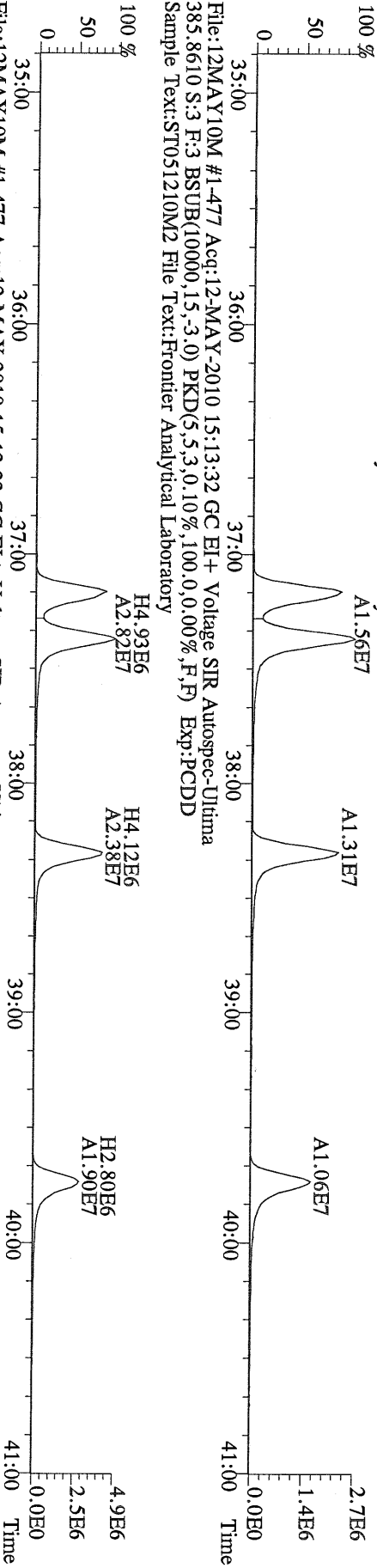
File:12MAY10M #1-411 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



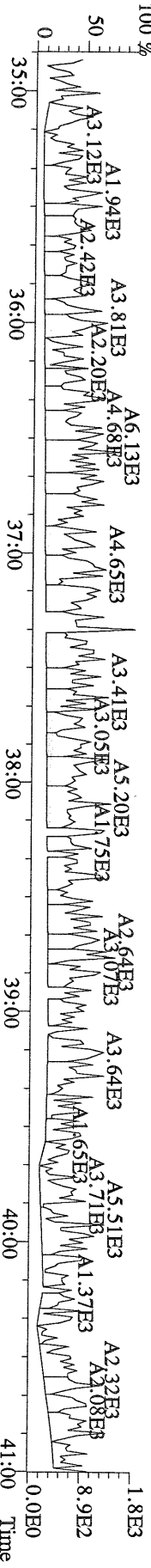
File:12MAY10M #1-477 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
 373.8207 S:3 F:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



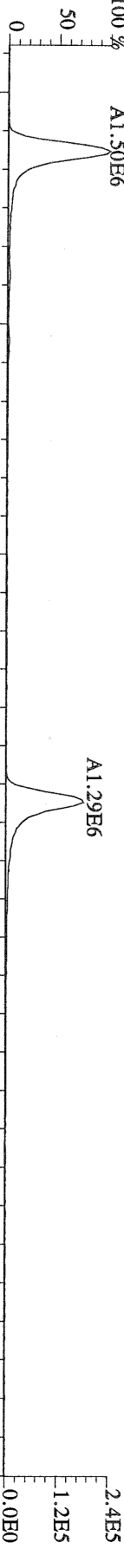
File:12MAY10M #1-477 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
 383.8639 S:3 F:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



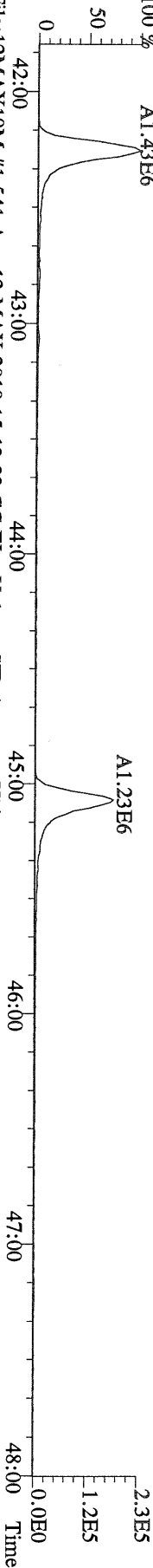
File:12MAY10M #1-477 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
 445.7555 S:3 F:3 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



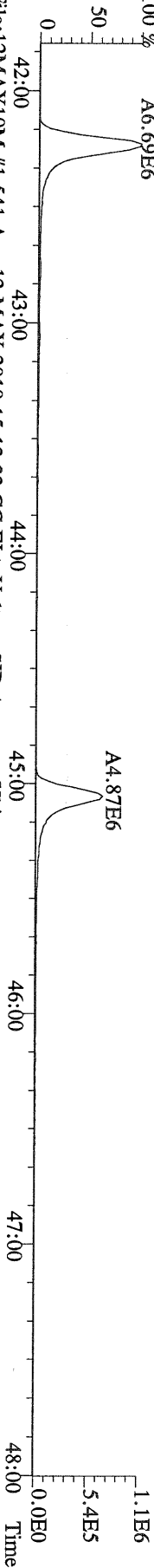
File:12MAY10M #1-541 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Utima
407.7818 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



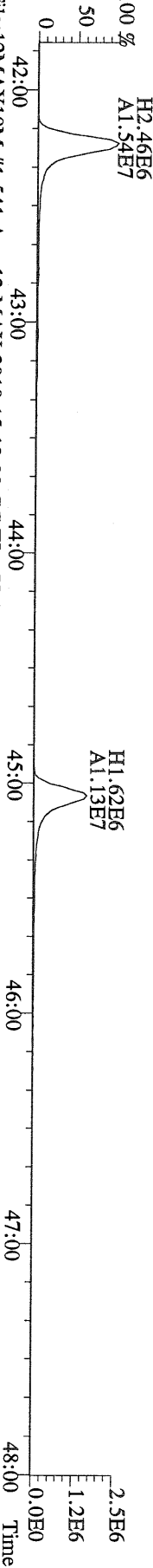
File:12MAY10M #1-541 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Utima
409.7788 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



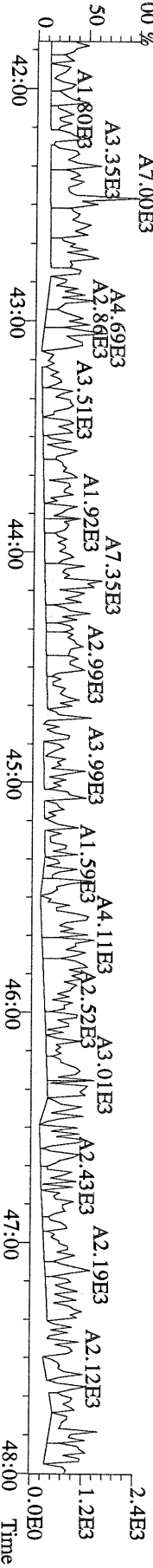
File:12MAY10M #1-541 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Utima
417.8253 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



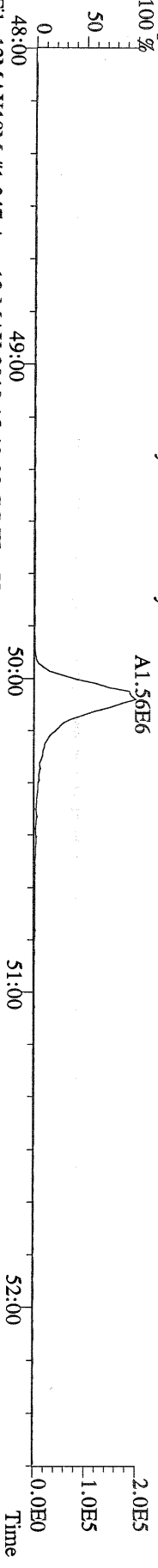
File:12MAY10M #1-541 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Utima
419.8220 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



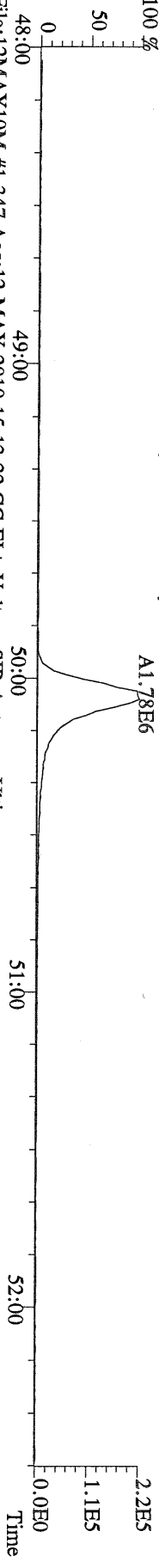
File:12MAY10M #1-541 Acq:12-MAY-2010 15:13:32 GC EI + Voltage SIR Autospec-Utima
479.7165 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



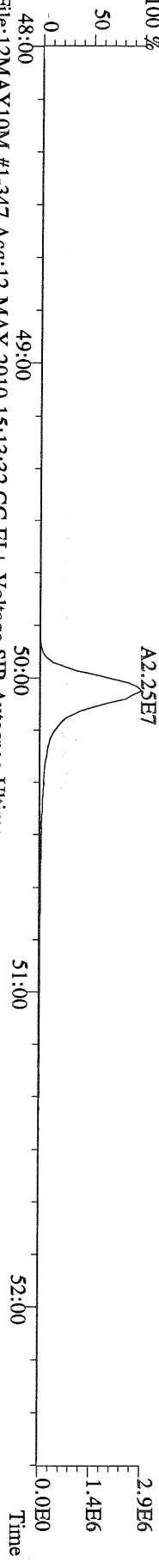
File:12MAY10M #1-347 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
 441.7428 S.3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory
 100 %



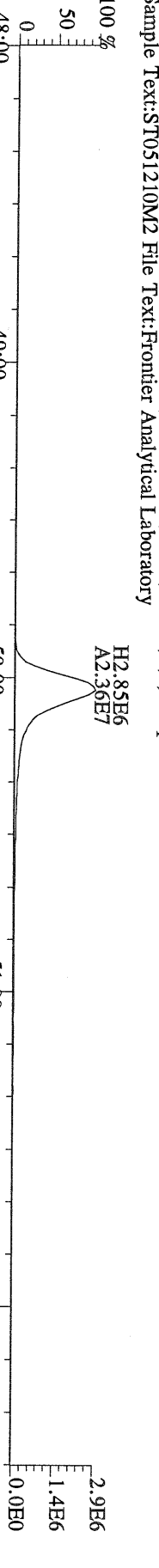
File:12MAY10M #1-347 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
 443.7398 S.3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory
 100 %



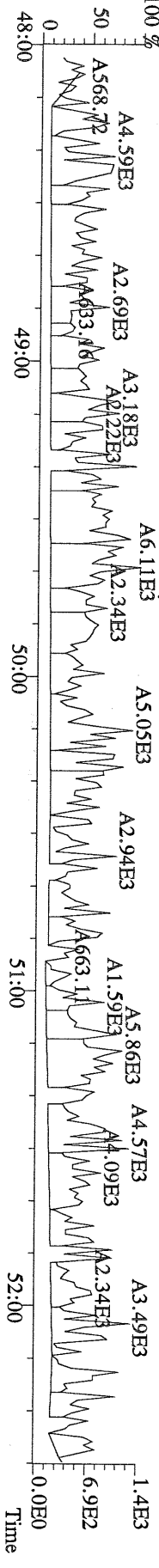
File:12MAY10M #1-347 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
 453.7831 S.3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory
 100 %



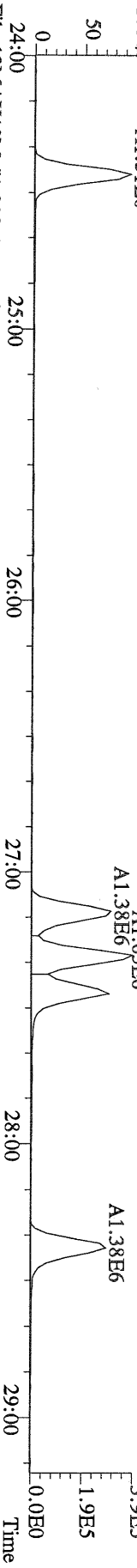
File:12MAY10M #1-347 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
 455.7801 S.3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



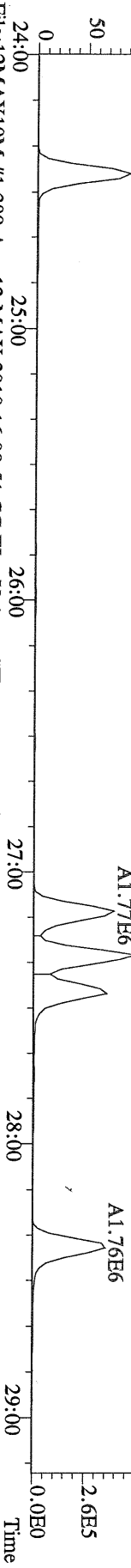
File:12MAY10M #1-347 Acq:12-MAY-2010 15:13:32 GC EI+ Voltage SIR Autospec-Utima
 513.6775 S.3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:PCDD
 Sample Text:ST051210M2 File Text:Frontier Analytical Laboratory



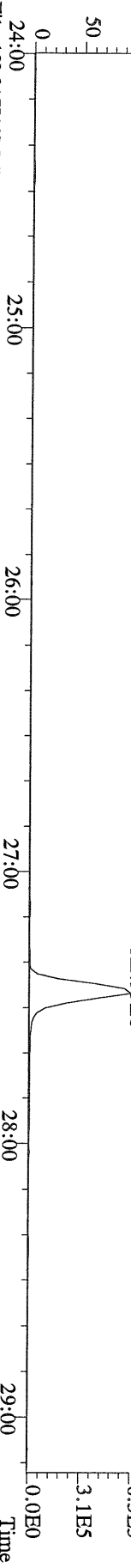
File:12MAY10M #1-390 Acq:12-MAY-2010 16:08:51 GC EI+ Voltage SIR Autospec-Ultima
 319.8965 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M3 File Text:Frontier Analytical Laboratory
 100 % A1.51E6



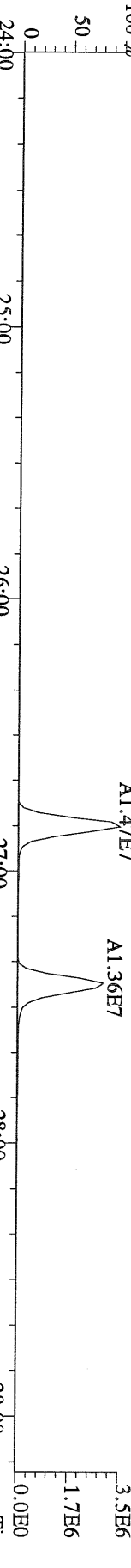
File:12MAY10M #1-390 Acq:12-MAY-2010 16:08:51 GC EI+ Voltage SIR Autospec-Ultima
 321.8936 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M3 File Text:Frontier Analytical Laboratory
 100 % A1.93E6



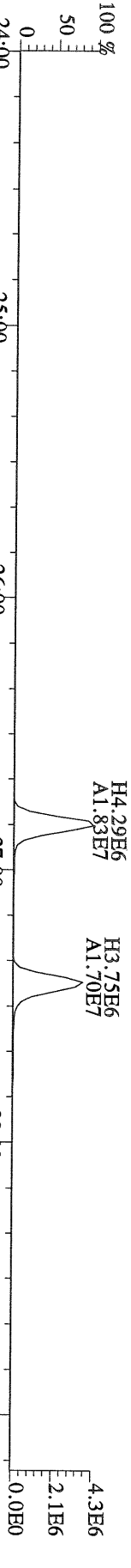
File:12MAY10M #1-390 Acq:12-MAY-2010 16:08:51 GC EI+ Voltage SIR Autospec-Ultima
 327.8847 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M3 File Text:Frontier Analytical Laboratory
 100 % A2.93E6



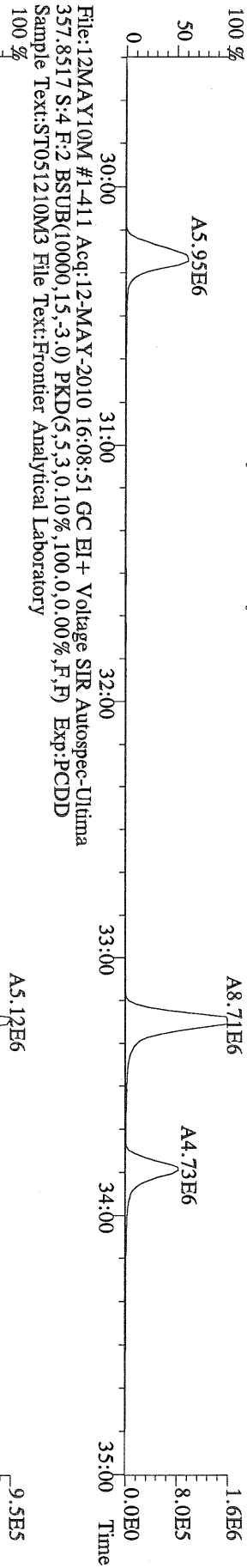
File:12MAY10M #1-390 Acq:12-MAY-2010 16:08:51 GC EI+ Voltage SIR Autospec-Ultima
 331.9368 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M3 File Text:Frontier Analytical Laboratory
 100 % A1.47E7



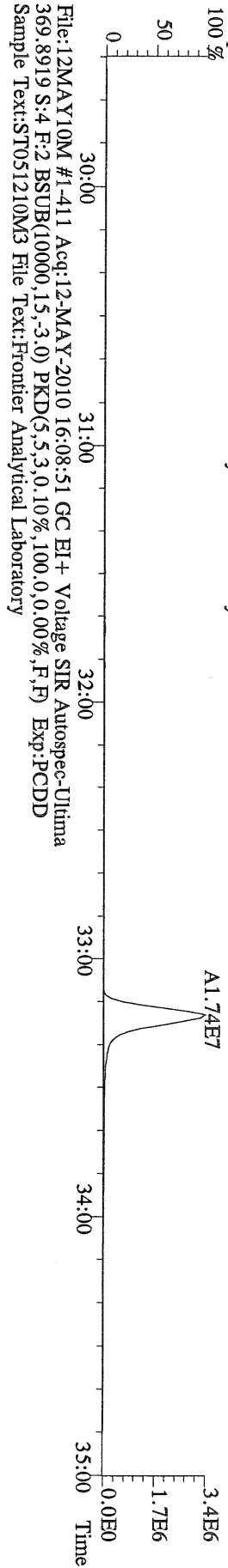
File:12MAY10M #1-390 Acq:12-MAY-2010 16:08:51 GC EI+ Voltage SIR Autospec-Ultima
 333.9339 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:PCDD
 Sample Text:ST051210M3 File Text:Frontier Analytical Laboratory
 100 % H4.29E6
 A1.83E7



File:12MAY10M #1-411 Acq:12-MAY-2010 16:08:51 GC EI+ Voltage SIR Autospec-Utima
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:ST051210M3 File Text:Frontier Analytical Laboratory



File:12MAY10M #1-411 Acq:12-MAY-2010 16:08:51 GC EI+ Voltage SIR Autospec-Utima
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:ST051210M3 File Text:Frontier Analytical Laboratory



File:12MAY10M #1-411 Acq:12-MAY-2010 16:08:51 GC EI+ Voltage SIR Autospec-Utima
366.9792 S:4 F:2 Exp:PCDD
Sample Text:ST051210M3 File Text:Frontier Analytical Laboratory

