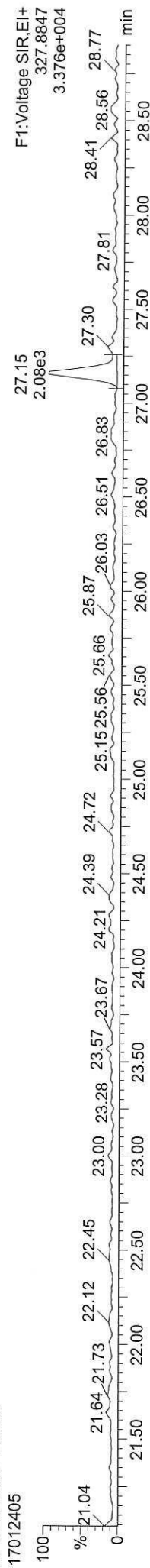


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

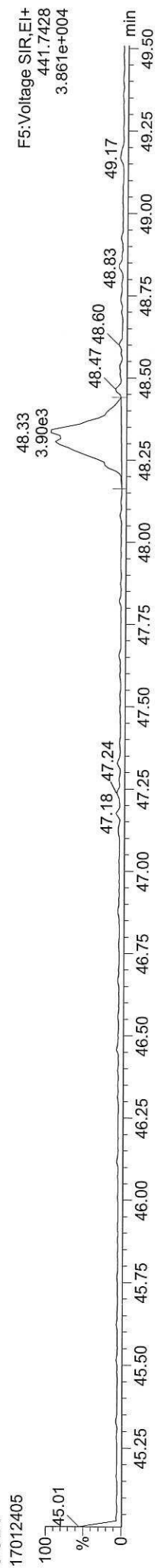
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:15 Pacific Standard Time

ID: CSL, Name: 17012405, Date: 24-Jan-2017, Time: 16:37:53, Conditions: AUTOSPEC01, User: pk

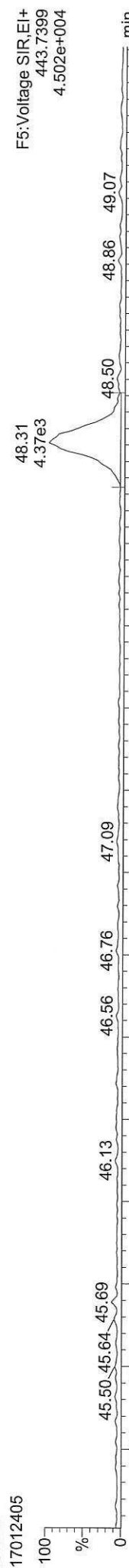
37CL-2378-TCDD



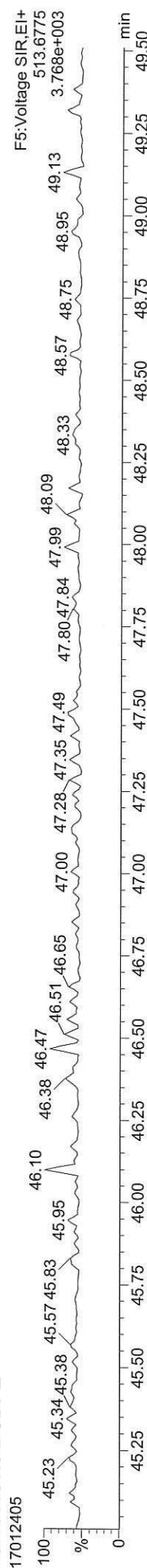
OCDF



OCDF



FUNCTION5 DCDPE



Quantify Sample Summary Report **MassLynx MassLynx V4.1 SCN909**

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:17 Pacific Standard Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170112.mdb 12 Jan 2017 14:01:03

Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170124\CAL.cdb 25 Jan 2017 09:33:34

ID: CS1, Name: 17012406, Date: 24-Jan-2017, Time: 17:31:17, Conditions: AUTOSPEC01, User: pk

Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
2378-TCDF	26.512	1.001	6.40e3	8.02e3	0.924	0.798	0.770	832	1086	8.93e4	1.10e5	107.4	NO	0.479
12378-PeCDF	30.689	1.001	3.98e4	2.43e4	0.954	1.639	1.550	1382	1282	6.10e5	3.67e5	441.4	NO	2.484
23478-PeCDF	32.026	1.000	3.86e4	2.44e4	0.966	1.584	1.550	1382	1282	5.36e5	3.75e5	387.6	NO	2.448
123478-HxCDF	35.731	1.001	3.11e4	2.63e4	1.141	1.186	1.240	1323	1374	4.60e5	3.91e5	347.5	NO	2.424
234678-HxCDF	36.827	1.001	3.05e4	2.57e4	1.181	1.187	1.240	1323	1374	4.66e5	3.92e5	352.0	NO	2.419
123678-HxCDF	35.874	1.000	3.25e4	2.73e4	1.089	1.191	1.240	1323	1374	4.72e5	3.91e5	356.9	NO	2.419
123789-HxCDF	37.934	1.000	2.36e4	2.01e4	1.110	1.171	1.240	1323	1374	3.61e5	3.08e5	273.2	NO	2.461
1234678-HpCDF	40.049	1.000	2.70e4	2.57e4	1.267	1.053	1.050	759	796	3.79e5	3.80e5	499.3	NO	2.467
1234789-HpCDF	42.834	1.001	1.71e4	1.71e4	1.295	1.001	1.050	759	796	2.03e5	2.15e5	268.2	NO	2.442
OCDF	48.315	1.006	2.17e4	2.41e4	1.067	0.899	0.890	584	823	1.97e5	2.16e5	337.3	NO	4.675
2378-TCDD	27.154	1.001	4.77e3	6.02e3	1.150	0.793	0.770	1098	542	6.19e4	8.89e4	56.4	NO	0.496
12378-PeCDD	32.289	1.001	2.41e4	1.58e4	1.017	1.521	1.550	900	873	3.81e5	2.37e5	423.1	NO	2.430
123478-HxCDD	36.958	1.001	2.17e4	1.84e4	1.017	1.181	1.240	1310	771	3.37e5	2.66e5	256.9	NO	2.450
123678-HxCDD	37.079	1.000	2.19e4	1.76e4	0.964	1.242	1.240	1310	771	3.21e5	2.59e5	245.2	NO	2.394
123789-HxCDD	37.507	1.012	2.14e4	1.65e4	0.948	1.296	1.240	1310	771	3.38e5	2.47e5	257.7	NO	2.412
1234678-HpCDD	41.924	1.001	1.72e4	1.51e4	1.051	1.141	1.050	906	491	2.05e5	1.94e5	226.0	NO	2.432
OCDD	48.037	1.001	2.09e4	2.41e4	1.030	0.866	0.890	735	824	1.95e5	2.42e5	265.2	NO	4.760
13C-2378-TCDF	26.497	1.006	1.43e6	1.82e6	1.515	0.785	0.770	6348	3219	2.09e7	2.68e7	3295.7	NO	101.359
13C-12378-PeCDF	30.667	1.165	1.65e6	1.05e6	1.276	1.577	1.550	3452	3521	2.47e7	1.56e7	7155.9	NO	100.012
13C-23478-PeCDF	32.015	1.216	1.63e6	1.03e6	1.257	1.574	1.550	3452	3521	2.42e7	1.55e7	7024.2	NO	99.977
13C-123478-HxCDF	35.709	0.952	7.13e5	1.36e6	1.431	0.524	0.510	3558	4444	1.06e7	2.04e7	2993.0	NO	100.501
13C-123678-HxCDF	35.862	0.956	7.81e5	1.49e6	1.552	0.524	0.510	3558	4444	1.11e7	2.11e7	3123.4	NO	101.467
13C-234678-HxCDF	36.805	0.982	6.76e5	1.29e6	1.349	0.525	0.510	3558	4444	1.01e7	1.91e7	2852.5	NO	100.883
13C-123789-HxCDF	37.923	1.011	5.46e5	1.05e6	1.111	0.519	0.510	3558	4444	8.46e6	1.62e7	2376.6	NO	99.766
13C-1234678-HpCDF	40.039	1.068	5.23e5	1.16e6	1.160	0.450	0.440	1949	2703	7.43e6	1.65e7	3814.1	NO	100.698
13C-1234789-HpCDF	42.812	1.142	3.37e5	7.44e5	0.758	0.454	0.440	1949	2703	4.10e6	9.01e6	2106.0	NO	98.912
13C-1234-TCDD	26.332	0.000	9.38e5	1.18e6	1.000	0.794	0.770	2953	1900	1.39e7	1.74e7	4718.1	NO	100.000
13C-2378-TCDD	27.139	1.031	8.28e5	1.06e6	0.872	0.778	0.770	2953	1900	1.21e7	1.55e7	4097.6	NO	102.353
13C-2378-PeCDD	32.267	1.225	9.84e5	6.29e5	0.754	1.565	1.550	1849	775	1.48e7	9.52e6	7979.8	NO	100.922
13C-123478-HxCDD	36.937	0.985	9.03e5	7.08e5	1.106	1.275	1.240	2011	2782	1.38e7	1.07e7	6841.4	NO	100.929
13C-123678-HxCDD	37.068	0.989	9.64e5	7.48e5	1.165	1.289	1.240	2011	2782	1.39e7	1.10e7	6933.7	NO	101.840
13C-1234678-HpCDD	41.891	1.117	6.44e5	6.17e5	0.872	1.044	1.050	2472	2149	8.38e6	8.09e6	3387.8	NO	100.232
13C-OCDD	48.010	1.280	8.61e5	9.77e5	0.655	0.881	0.890	1853	2303	8.26e6	9.38e6	4456.5	NO	194.303

Quantify Sample Summary Report **MassLynx MassLynx V4.1 SCN909**

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:17 Pacific Standard Time

ID: CS1, Name: 17012406, Date: 24-Jan-2017, Time: 17:31:17, Conditions: AUTOSPEC01, User: pk

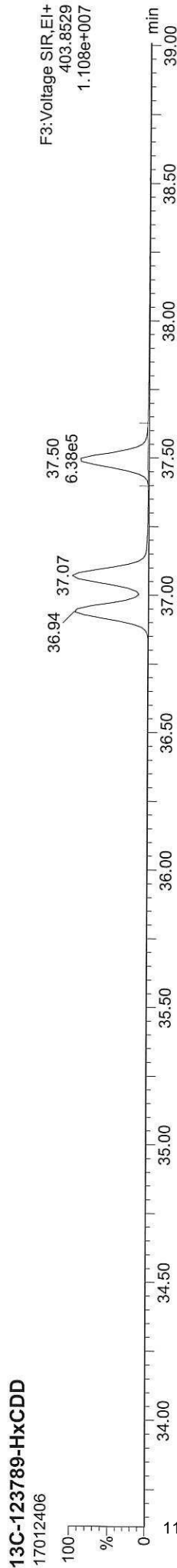
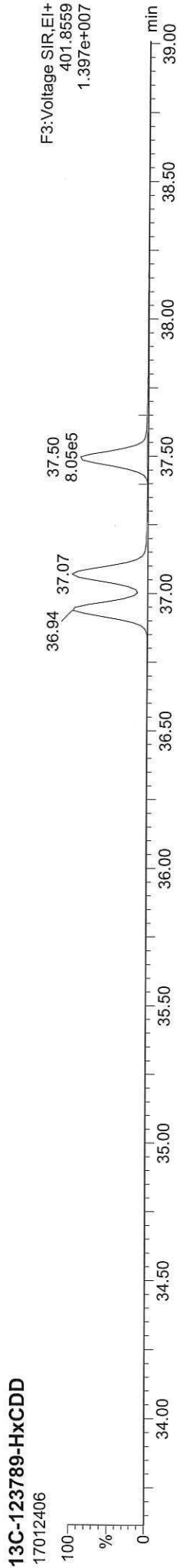
Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
13C-123789-HxCDD	37.495	0.000	8.05e5	6.38e5	1.000	1.260	1.240	2011	2782	1.24e7	9.83e6	6173.5	NO	100.000
Total-tetrafurans			6.40e3		0.924			832		8.93e4				0.479
Total-penta1			0.00e0					457		0.00e0				
Total-pentafurans			7.89e4		0.960			1382		1.15e6				4.968
Total-hexafurans			1.18e5		1.130			1323		1.77e6				9.749
Total-heptafurans			4.41e4		1.281			759		5.82e5				4.909
Total-Furans			2.69e5		1.100			832		3.79e6				24.780
Total-tetradioxins			4.77e3		1.150			1098		6.19e4				0.496
Total-pentadioxins			2.45e4		1.017			900		3.90e5				2.470
Total-hexadioxins			6.52e4		0.977			1310		9.99e5				7.274
Total-heptadioxins			1.79e4		1.051			906		2.19e5				2.522
Total-Dioxins			1.33e5		1.025			1098		1.86e6				17.522
Total-TEQ			4.02e5					1098		5.65e6				42.302
37CL-2378-TCDD	27.154	1.031	1.14e4		1.073			1507		1.59e5		105.4		0.503
FUNCTION1 PFK			5.60e5					596329		1.21e7				
FUNCTION2 PFK			1.70e5					146242		4.91e6				0.000
FUNCTION3 PFK			3.53e5					364480		1.11e7				0.000
FUNCTION4 PFK			1.37e5					326792		5.86e6				
FUNCTION5 PFK			8.74e4					253518		3.59e6				
FUNCTION1 HXCDPE			7.73e1					418		1.46e3				0.000
FUNCTION1 HPCDPE			6.59e2					842		1.32e4				0.000
FUNCTION2 HPCDPE			1.74e2					818		3.54e3				0.000
FUNCTION3 OCDPE			0.00e0					313		0.00e0				
FUNCTION4 NCDPE			7.18e1					760		3.26e3				0.000
FUNCTION5 DCDPE			0.00e0					267		0.00e0				

Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:17 Pacific Standard Time

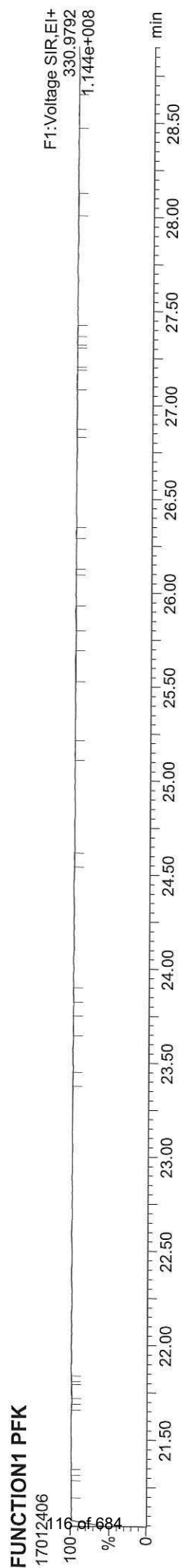
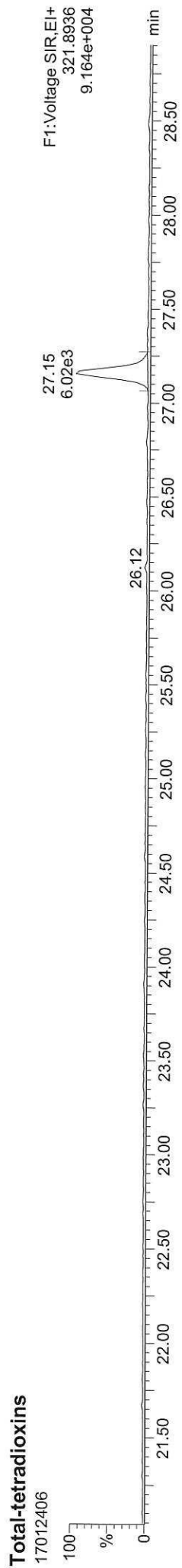
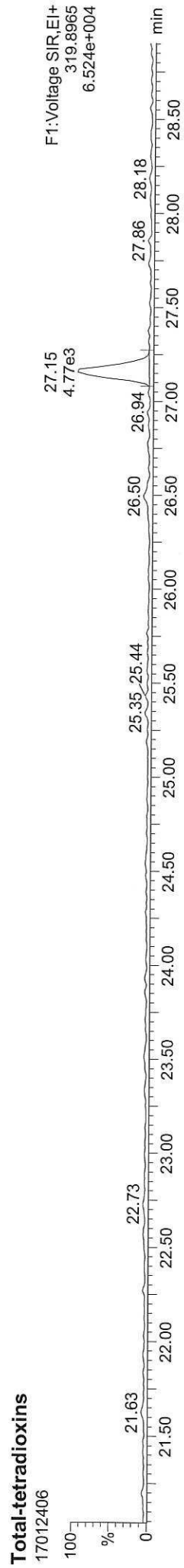
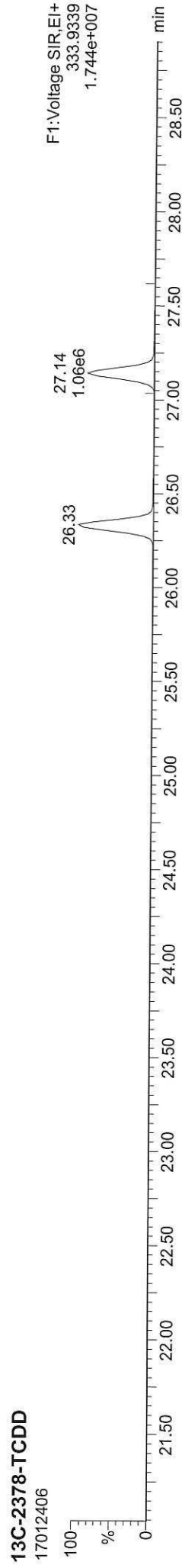
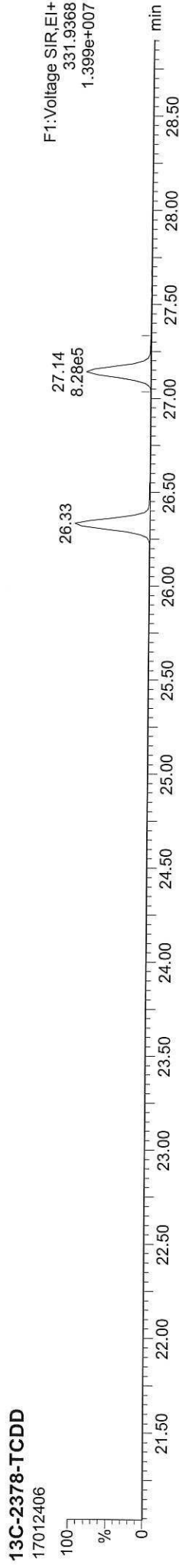
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ID: CS1, Name: 17012406, Date: 24-Jan-2017, Time: 17:31:17, Conditions: AUTOSPEC01, User: pk

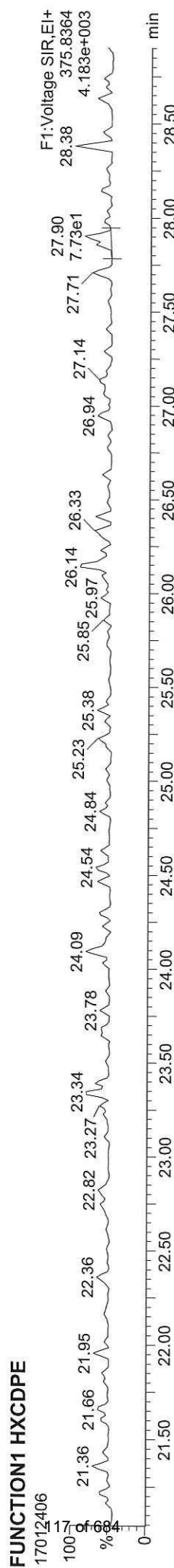
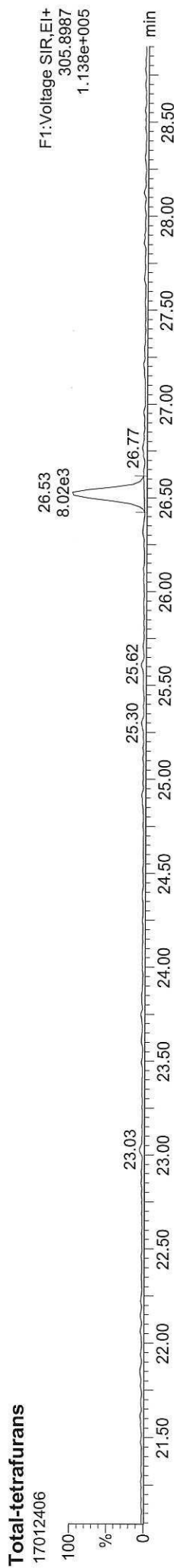
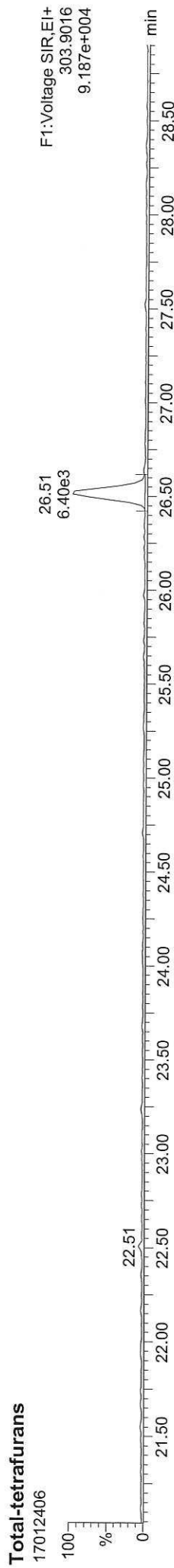
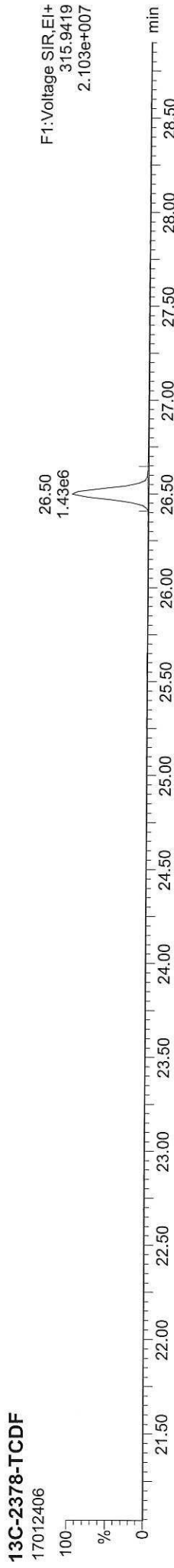


Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:17 Pacific Standard Time

ID: CS1, Name: 17012406, Date: 24-Jan-2017, Time: 17:31:17, Conditions: AUTOSPEC01, User: pk

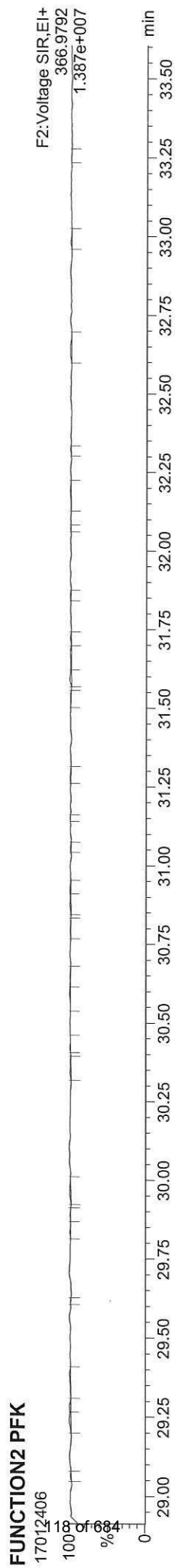
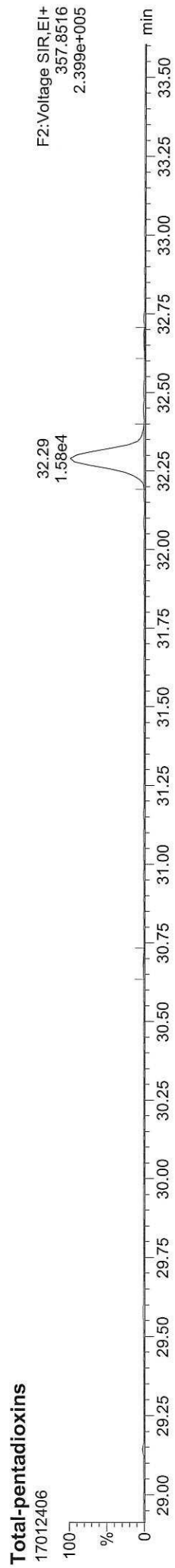
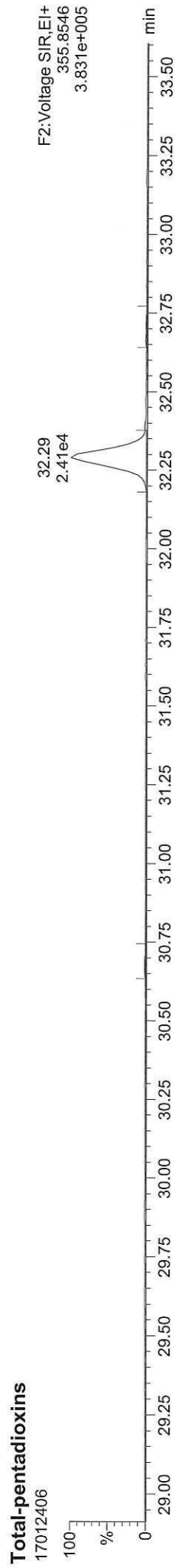
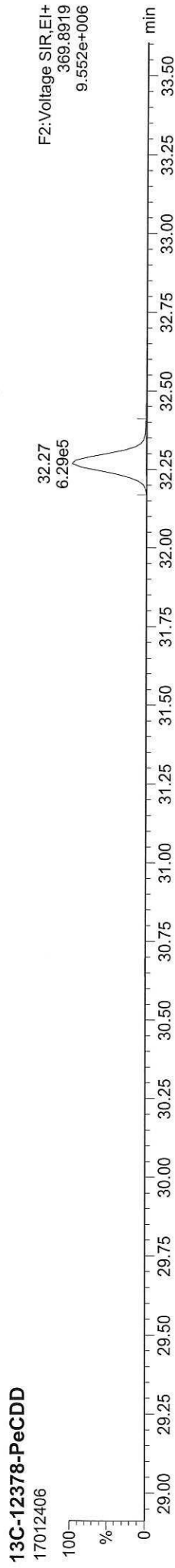
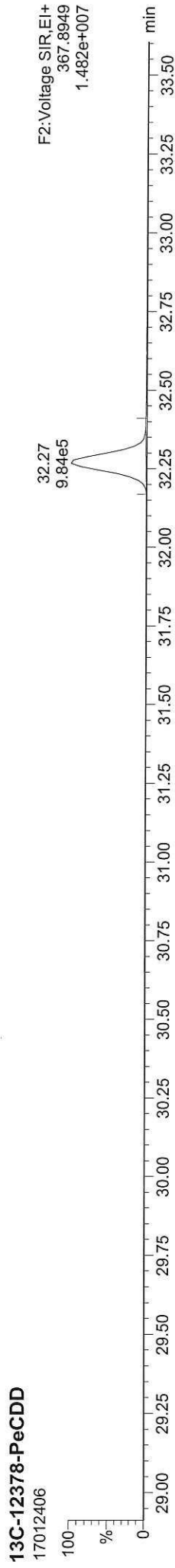


ID: CS1, Name: 17012406, Date: 24-Jan-2017, Time: 17:31:17, Conditions: AUTOSPEC01, User: pk



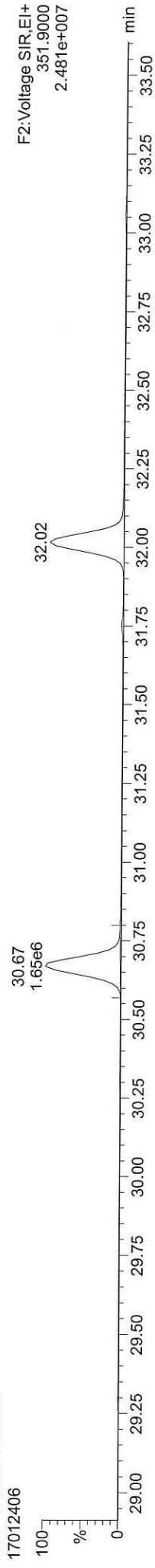
Quantify Sample Report **MassLynx MassLynx V4.1 SCN909**
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:17 Pacific Standard Time

ID: CS1, Name: 17012406, Date: 24-Jan-2017, Time: 17:31:17, Conditions: AUTOSPEC01, User: pk

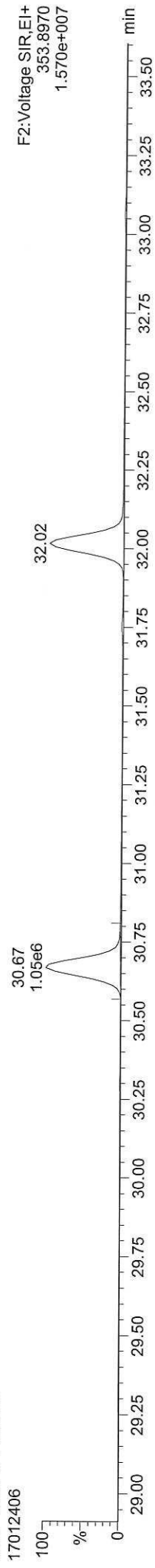


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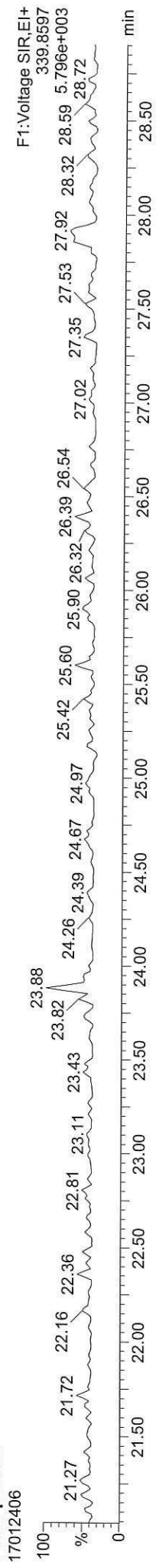
13C-12378-PeCDF



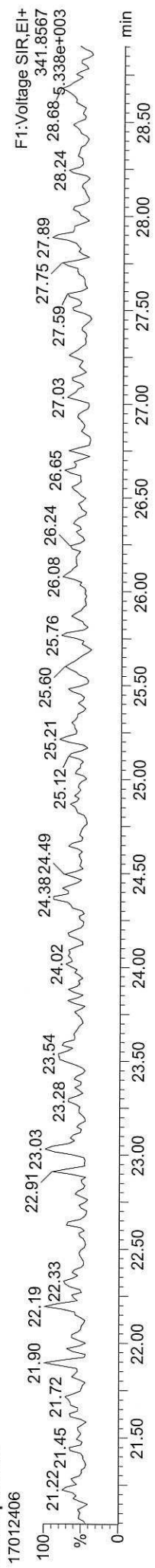
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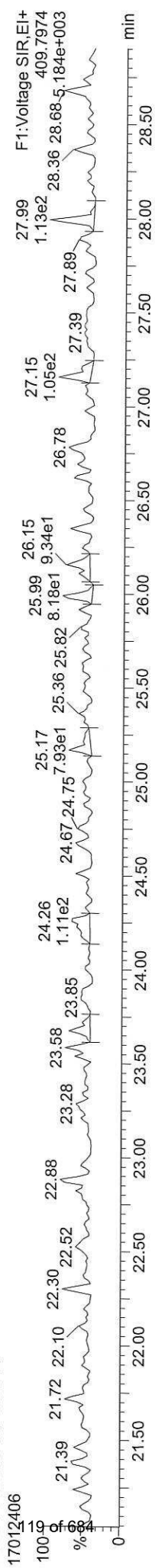
Total-penta1



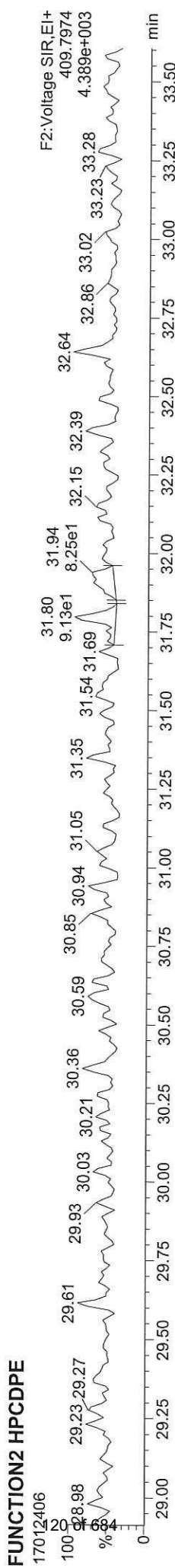
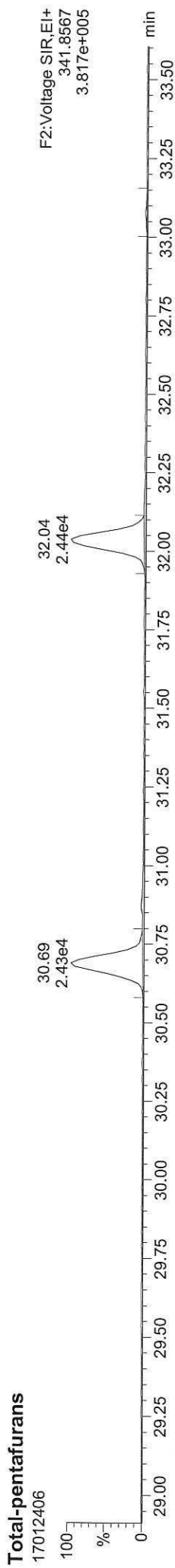
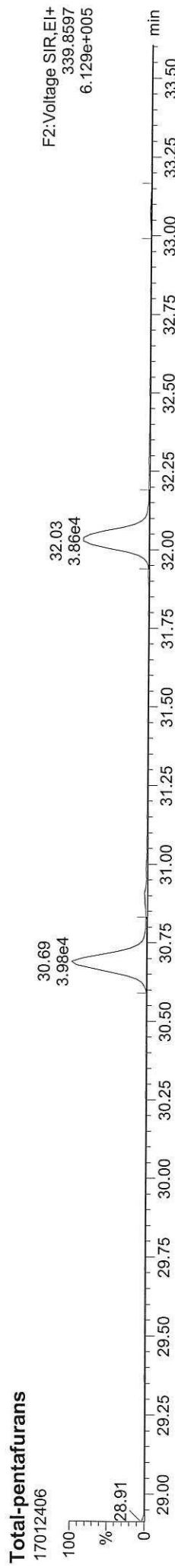
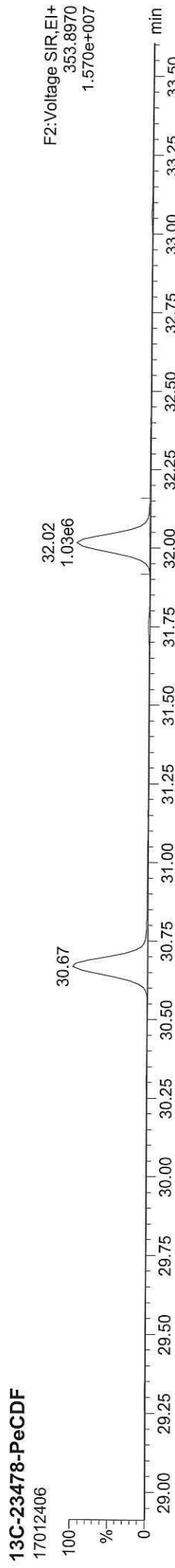
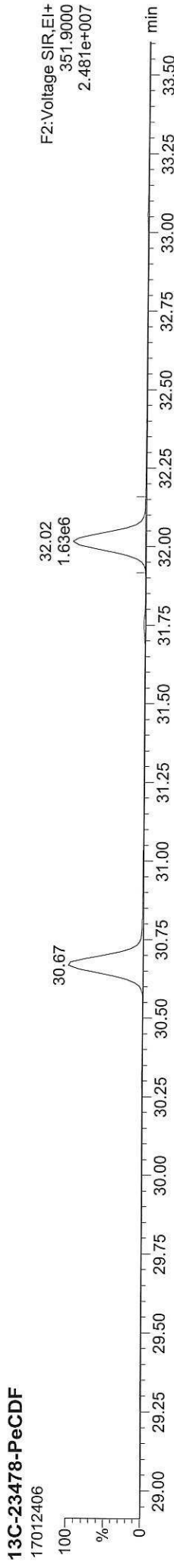
Total-penta1



FUNCTION1 HPCDPE

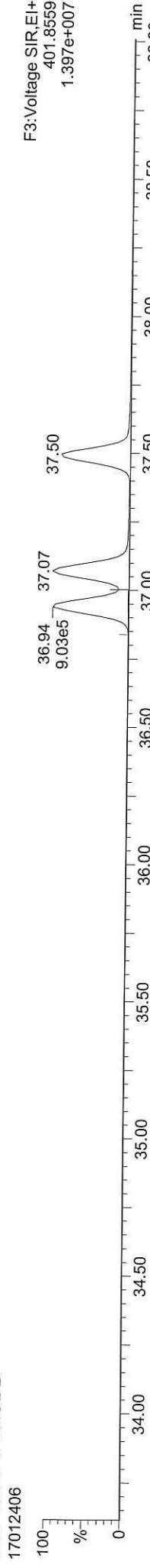


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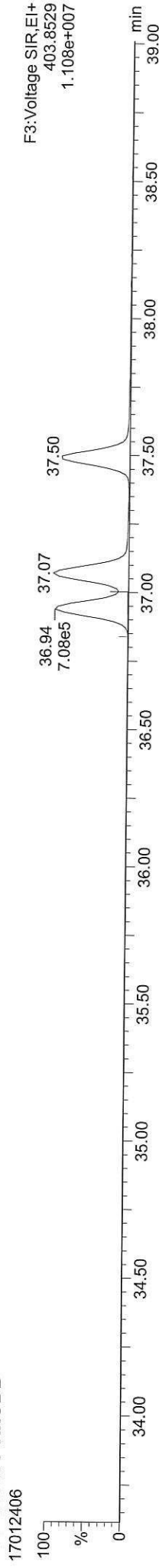


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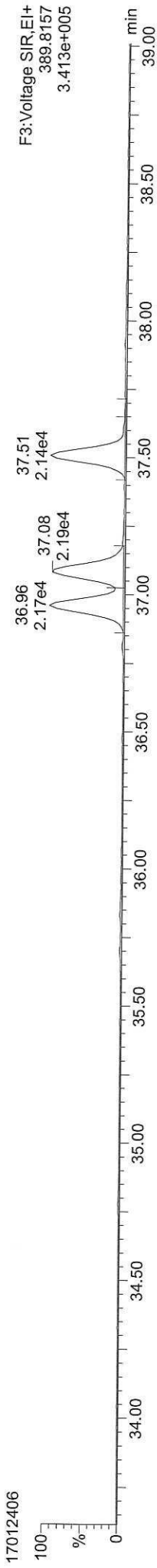
13C-123478-HxCDD



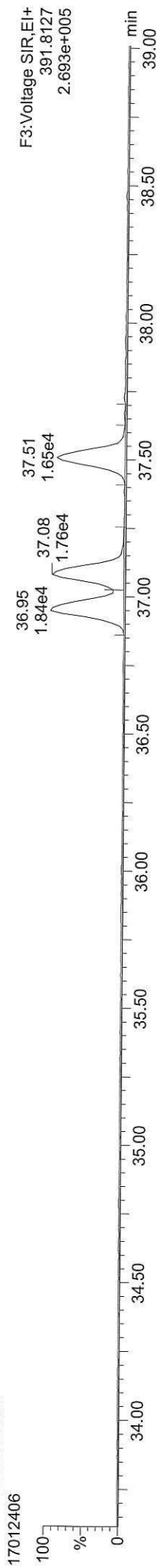
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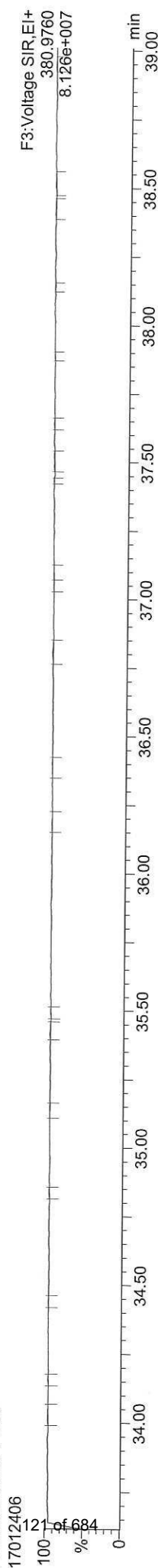
Total-hexadioxins



Total-hexadioxins



FUNCTION3 PFK



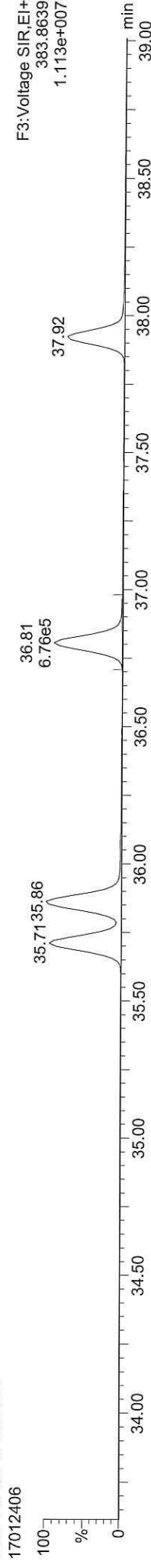
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qfd

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

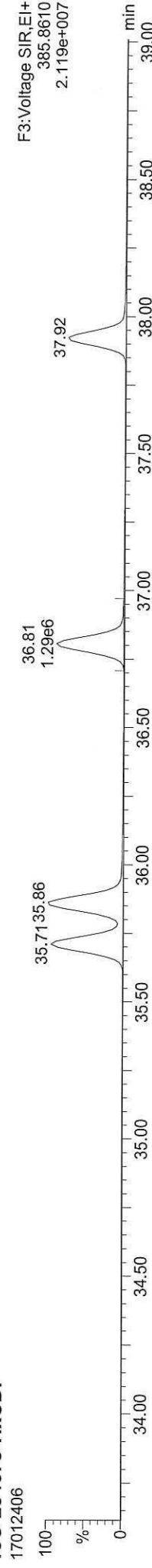
Printed: Wednesday, January 25, 2017 09:38:17 Pacific Standard Time

ID: CS1, Name: 17012406, Date: 24-Jan-2017, Time: 17:31:17, Conditions: AUTOSPEC01, User: pk

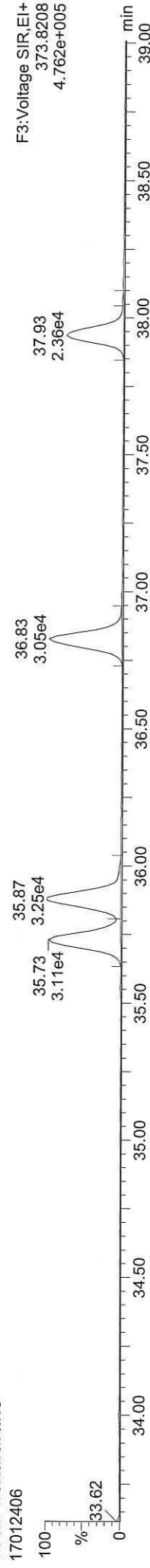
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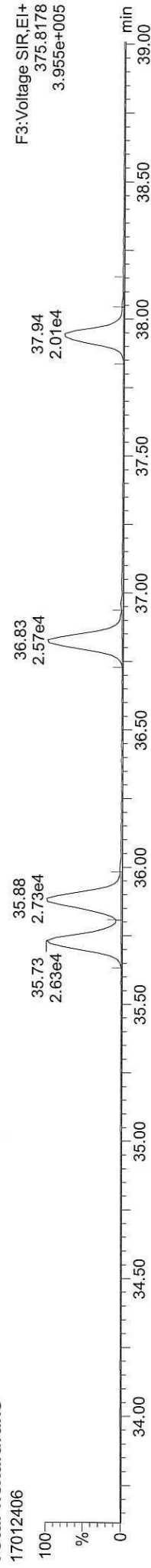
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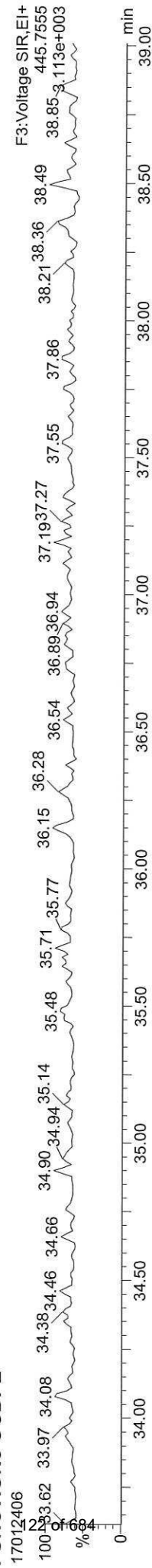
Total-hexafurans



Total-hexafurans



FUNCTION3 OCDFE



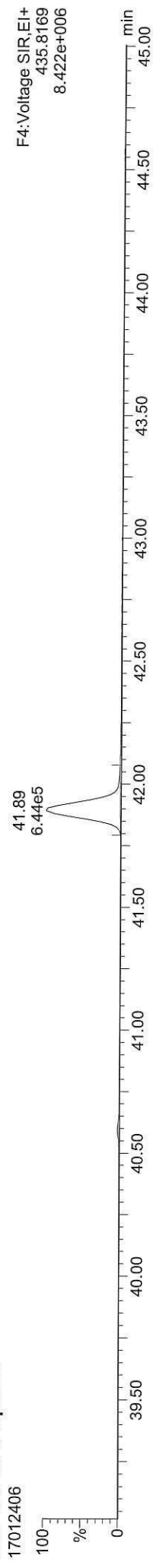
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Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

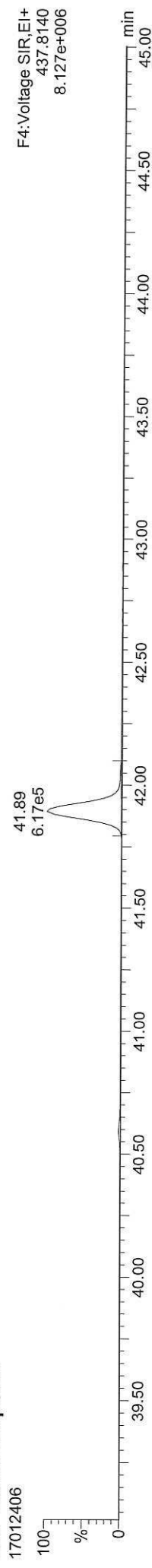
Printed: Wednesday, January 25, 2017 09:38:17 Pacific Standard Time

ID: CS1, Name: 17012406, Date: 24-Jan-2017, Time: 17:31:17, Conditions: AUTOSPEC01, User: pk

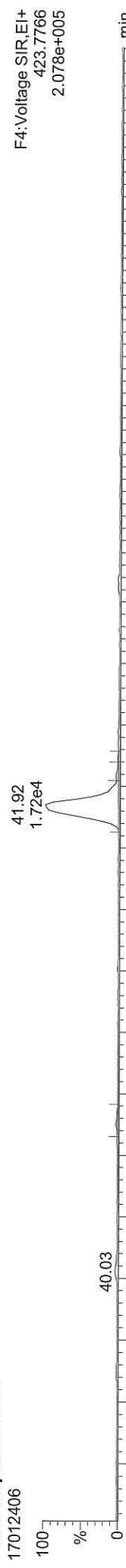
13C-1234678-HpCDD



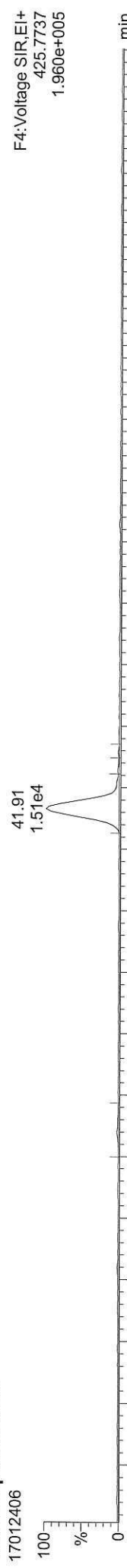
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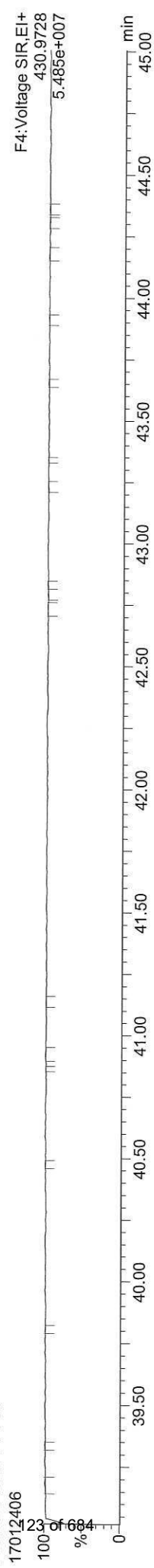
Total-heptadioxins



Total-heptadioxins



FUNCTION4 PFK



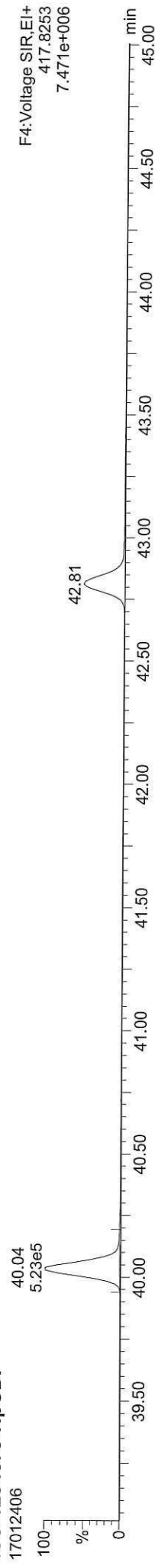
Dataset: C:\MassLynx\DIoxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

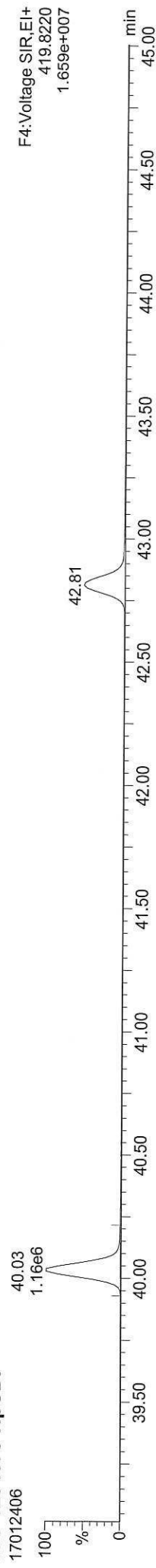
Printed: Wednesday, January 25, 2017 09:38:17 Pacific Standard Time

ID: CS1, Name: 17012406, Date: 24-Jan-2017, Time: 17:31:17, Conditions: AUTOSPEC01, User: pk

13C-1234678-HpCDF



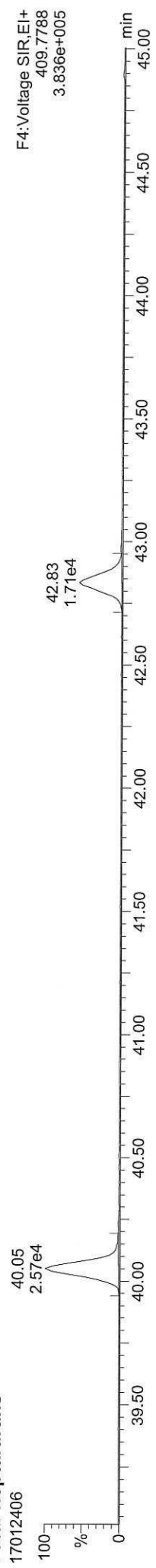
13C-1234678-HpCDF



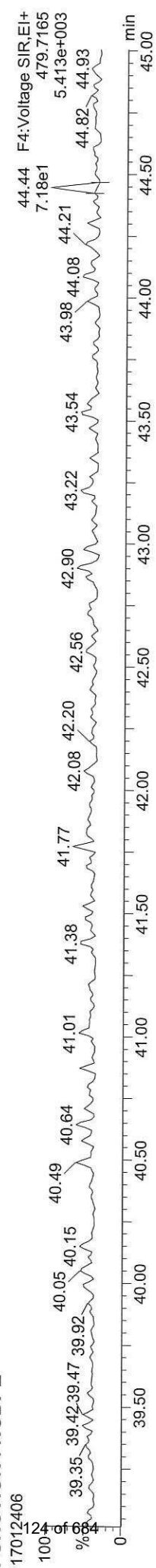
Total-heptafurans



Total-heptafurans



FUNCTION4 NCDPE



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

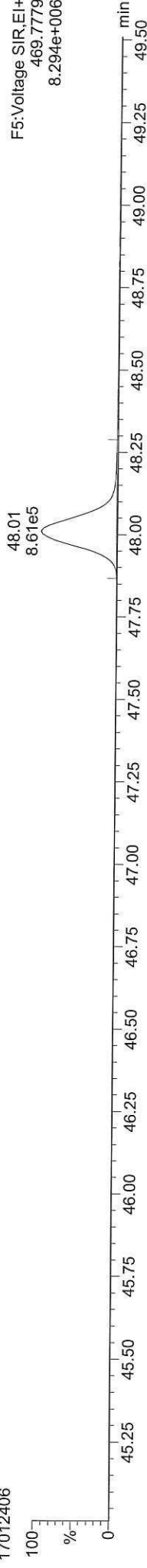
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:17 Pacific Standard Time

ID: CS1, Name: 17012406, Date: 24-Jan-2017, Time: 17:31:17, Conditions: AUTOSPEC01, User: pk

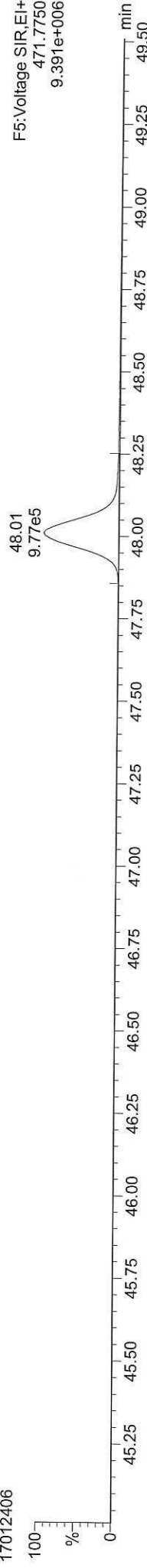
13C-OCDD

17012406



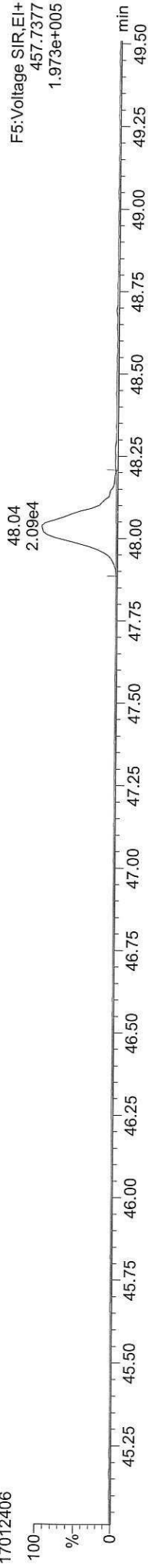
13C-OCDD

17012406



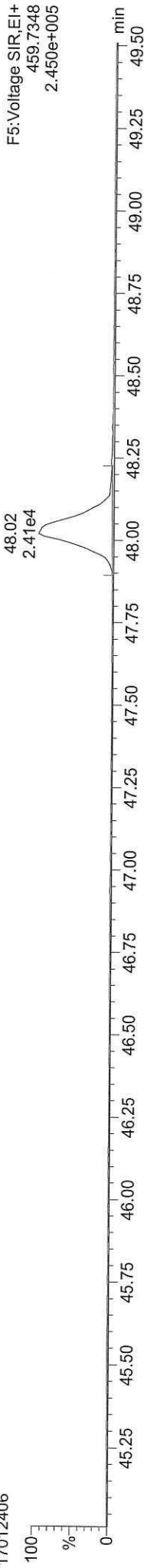
OCDD

17012406



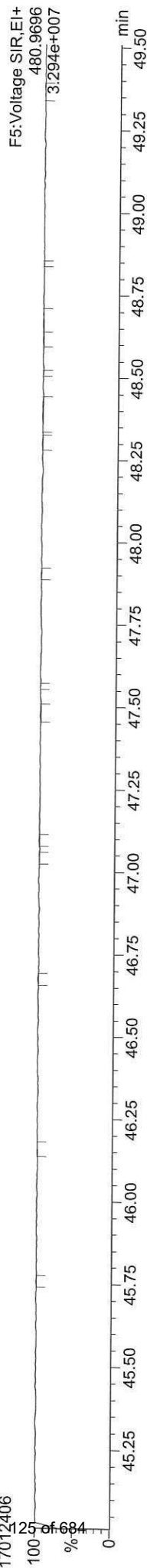
OCDD

17012406



FUNCTION5 PFK

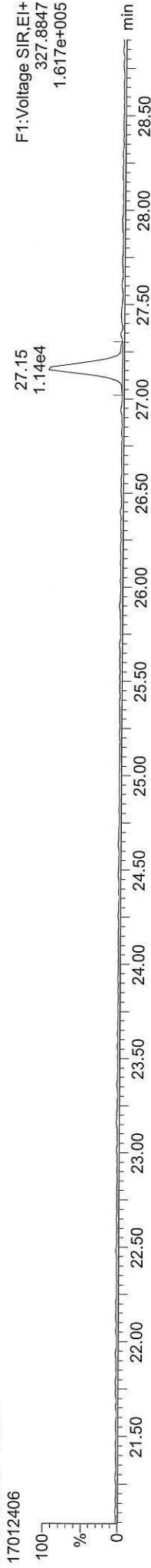
17012406



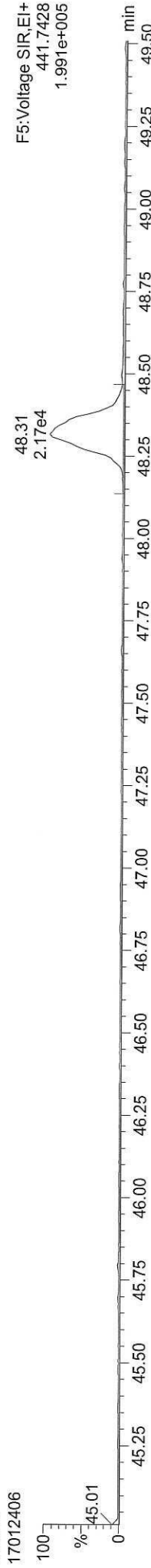
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:17 Pacific Standard Time

ID: CS1, Name: 17012406, Date: 24-Jan-2017, Time: 17:31:17, Conditions: AUTOSPEC01, User: pk

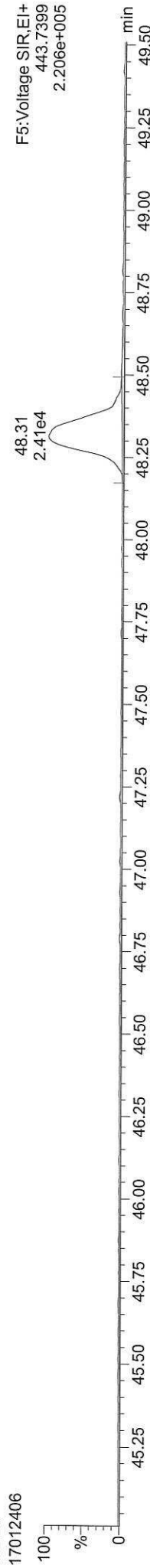
37CL-2378-TCDD



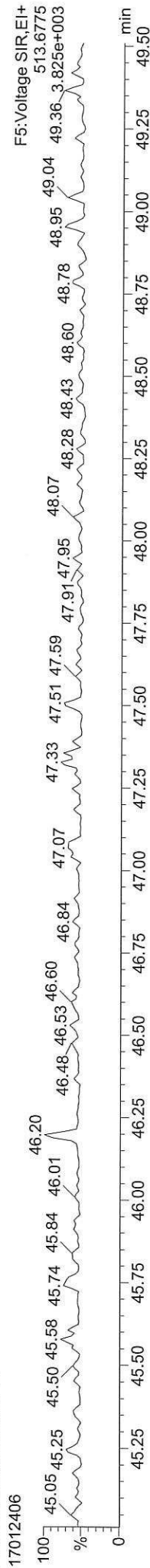
OCDF



OCDF



FUNCTION5 DCDPE



Quantify Sample Summary Report **MassLynx MassLynx V4.1 SCN909**

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:19 Pacific Standard Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170112.mdb 12 Jan 2017 14:01:03

Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170124\CAL.cdb 25 Jan 2017 09:33:34

ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk

Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
2378-TCDF	26.526	1.001	2.11e4	2.91e4	0.924	0.725	0.770	510	944	3.23e5	4.43e5	634.6	NO	1.914
12378-PeCDF	30.699	1.001	1.32e5	8.75e4	0.954	1.508	1.550	1480	2280	2.01e6	1.34e6	1359.9	NO	9.953
23478-PeCDF	32.047	1.001	1.30e5	8.29e4	0.966	1.571	1.550	1480	2280	1.99e6	1.23e6	1342.3	NO	9.770
123478-HxCDF	35.741	1.001	1.05e5	8.46e4	1.141	1.237	1.240	1723	1253	1.56e6	1.26e6	904.0	NO	9.492
234678-HxCDF	36.837	1.001	1.05e5	8.27e4	1.181	1.266	1.240	1723	1253	1.57e6	1.25e6	910.0	NO	9.758
123678-HxCDF	35.884	1.000	1.09e5	8.99e4	1.089	1.209	1.240	1723	1253	1.59e6	1.31e6	923.6	NO	9.588
123789-HxCDF	37.944	1.000	7.71e4	6.41e4	1.110	1.202	1.240	1723	1253	1.17e6	9.72e5	679.9	NO	9.706
1234678-HpCDF	40.060	1.001	9.08e4	8.57e4	1.267	1.060	1.050	1160	1343	1.34e6	1.23e6	1154.7	NO	10.011
1234789-HpCDF	42.844	1.001	5.76e4	5.45e4	1.295	1.058	1.050	1160	1343	6.90e5	6.72e5	595.0	NO	9.702
OCDF	48.332	1.007	7.00e4	8.00e4	1.067	0.875	0.890	740	993	6.80e5	7.76e5	918.5	NO	18.636
2378-TCDD	27.169	1.001	1.57e4	2.04e4	1.150	0.768	0.770	1049	625	2.45e5	3.00e5	233.9	NO	1.939
12378-PeCDD	32.299	1.001	8.21e4	5.40e4	1.017	1.519	1.550	987	905	1.26e6	8.18e5	1276.5	NO	9.815
123478-HxCDD	36.969	1.001	7.54e4	5.78e4	1.017	1.305	1.240	1245	1081	1.13e6	9.00e5	907.2	NO	9.815
123678-HxCDD	37.089	1.000	7.45e4	5.85e4	0.964	1.274	1.240	1245	1081	1.06e6	8.90e5	853.5	NO	9.688
123789-HxCDD	37.517	1.012	6.93e4	5.55e4	0.948	1.248	1.240	1245	1081	1.04e6	8.80e5	833.3	NO	9.554
1234678-HpCDD	41.923	1.001	5.47e4	5.19e4	1.051	1.054	1.050	845	896	6.92e5	6.65e5	818.9	NO	9.719
OCDD	48.036	1.001	7.02e4	7.76e4	1.030	0.904	0.890	920	1125	6.85e5	7.49e5	744.9	NO	19.017
13C-2378-TCDF	26.511	1.006	1.24e6	1.59e6	1.515	0.777	0.770	6174	3396	1.85e7	2.37e7	3000.3	NO	97.586
13C-12378-PeCDF	30.677	1.164	1.41e6	9.05e5	1.276	1.556	1.550	3038	2595	2.10e7	1.34e7	6912.2	NO	94.500
13C-23478-PeCDF	32.025	1.216	1.38e6	8.73e5	1.257	1.584	1.550	3038	2595	2.11e7	1.33e7	6934.9	NO	93.637
13C-123478-HxCDF	35.719	0.953	5.96e5	1.15e6	1.431	0.517	0.510	2903	4271	8.94e6	1.73e7	3080.7	NO	101.354
13C-123678-HxCDF	35.873	0.957	6.38e5	1.26e6	1.552	0.504	0.510	2903	4271	9.43e6	1.82e7	3248.0	NO	101.701
13C-234678-HxCDF	36.815	0.982	5.59e5	1.07e6	1.349	0.523	0.510	2903	4271	8.35e6	1.61e7	2876.4	NO	100.045
13C-123789-HxCDF	37.933	1.012	4.49e5	8.62e5	1.111	0.521	0.510	2903	4271	7.05e6	1.33e7	2429.8	NO	97.859
13C-1234678-HpCDF	40.038	1.068	4.32e5	9.59e5	1.160	0.451	0.440	2168	2744	6.26e6	1.38e7	2887.8	NO	99.572
13C-1234789-HpCDF	42.822	1.142	2.83e5	6.09e5	0.758	0.464	0.440	2168	2744	3.46e6	7.50e6	1594.6	NO	97.691
13C-1234-TCDD	26.347	0.000	8.47e5	1.07e6	1.000	0.791	0.770	2698	1994	1.26e7	1.59e7	4680.6	NO	100.000
13C-2378-TCDD	27.154	1.031	7.14e5	9.07e5	0.872	0.788	0.770	2698	1994	1.06e7	1.36e7	3942.8	NO	96.910
13C-23378-PeCDD	32.278	1.225	8.35e5	5.29e5	0.754	1.579	1.550	1748	2004	1.27e7	8.05e6	7251.2	NO	94.248
13C-123478-HxCDD	36.947	0.985	7.45e5	5.89e5	1.106	1.265	1.240	2033	1477	1.14e7	9.03e6	5618.7	NO	100.058
13C-123678-HxCDD	37.078	0.989	7.83e5	6.40e5	1.165	1.224	1.240	2033	1477	1.16e7	9.35e6	5723.7	NO	101.374
13C-1234678-HpCDD	41.901	1.118	5.36e5	5.07e5	0.872	1.057	1.050	2799	2073	6.92e6	6.53e6	2473.5	NO	99.223
13C-OCDD	48.009	1.280	7.23e5	7.86e5	0.655	0.919	0.890	2568	2059	6.82e6	7.51e6	2656.2	NO	191.039

Quantify Sample Summary Report **MassLynx MassLynx V4.1 SCN909**

Dataset: C:\MassLynxDioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:19 Pacific Standard Time

ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk

Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
13C-123789-HxCDD	37.495	0.000	6.68e5	5.37e5	1.000	1.244	1.240	2033	1477	1.01e7	8.16e6	4971.1	NO	100.000
Total-tetrafurans			2.14e4		0.924			510		3.28e5				1.942
Total-penta1			3.32e2					606		4.40e3				0.022
Total-pentafurans			2.69e5		0.960			1480		4.09e6				20.218
Total-hexafurans			3.95e5		1.130			1723		5.89e6				38.544
Total-heptafurans			1.49e5		1.281			1160		2.05e6				19.840
Total-Furans			9.05e5		1.100			510		1.30e7				99.201
Total-tetradioxins			1.61e4		1.150			1049		2.54e5				2.005
Total-pentadioxins			8.26e4		1.017			987		1.27e6				9.871
Total-hexadioxins			2.20e5		0.977			1245		3.24e6				29.110
Total-heptadioxins			5.52e4		1.051			845		7.07e5				9.856
Total-Dioxins			4.44e5		1.025			1049		6.16e6				69.874
Total-TEQ			1.35e6					1049		1.92e7				169.076
37CL-2378-TCDD	27.169	1.031	3.88e4		1.073			1024		5.87e5		572.8		1.888
FUNCTION1 PFK			2.91e5					506208		6.46e6				
FUNCTION2 PFK			0.00e0					142484		0.00e0				
FUNCTION3 PFK			5.64e5					362321		1.63e7				0.000
FUNCTION4 PFK			2.92e5					318717		9.57e6				
FUNCTION5 PFK			2.91e5					240404		1.08e7				
FUNCTION1 HXCDPE			0.00e0					324		0.00e0				
FUNCTION1 HPCDPE			2.49e2					584		4.54e3				0.000
FUNCTION2 HPCDPE			9.44e1					764		1.59e3				0.000
FUNCTION3 OCDPE			0.00e0					331		0.00e0				
FUNCTION4 NCDPE			0.00e0					501		0.00e0				
FUNCTION5 DCDPE			0.00e0					332		0.00e0				

Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:19 Pacific Standard Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170112.mdb 12 Jan 2017 14:01:03
Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170124\CAL.cdb 25 Jan 2017 09:33:34

ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk

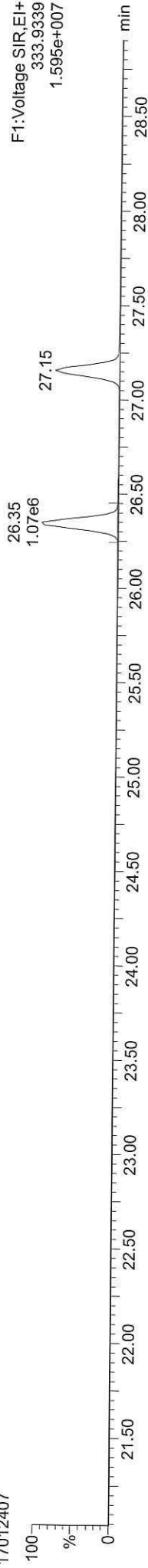
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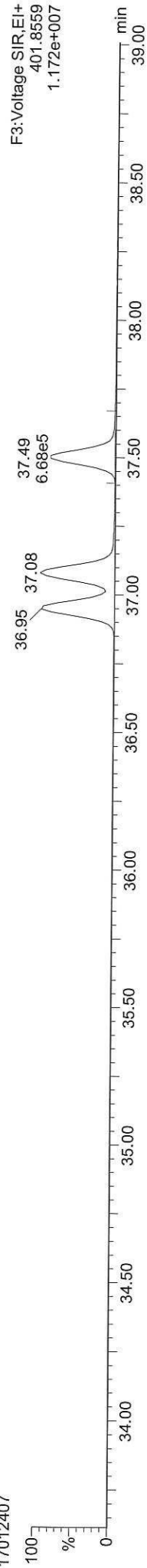
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17012407



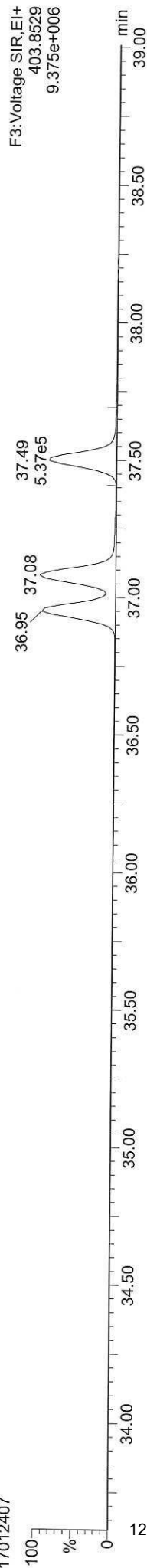
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17012407



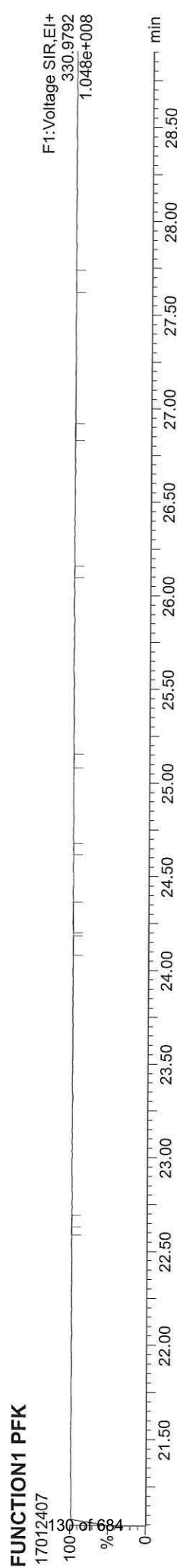
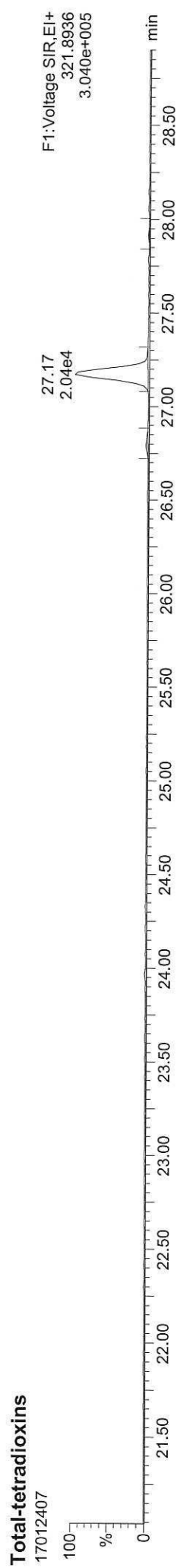
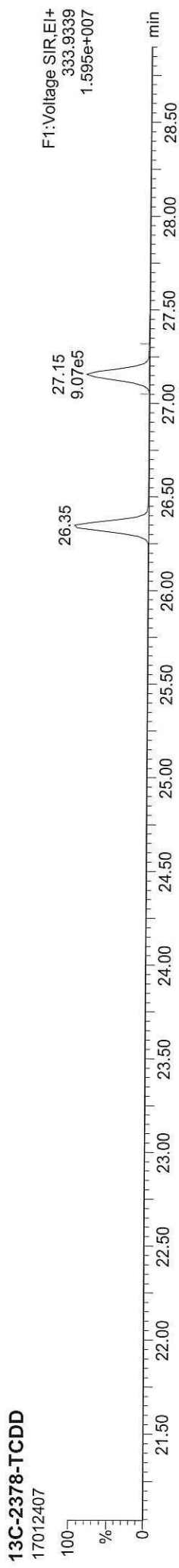
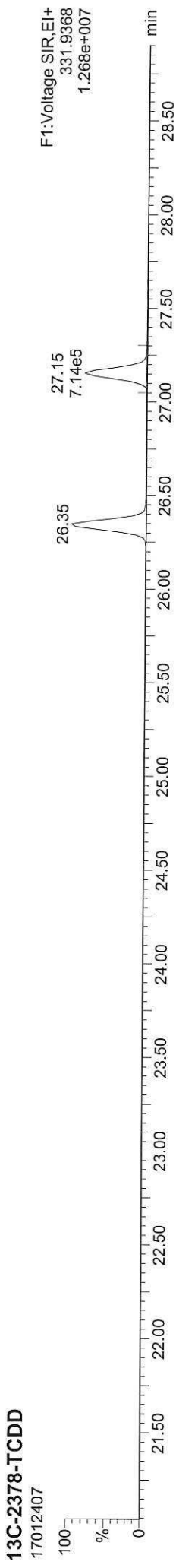
13C-123789-HxCDD

17012407



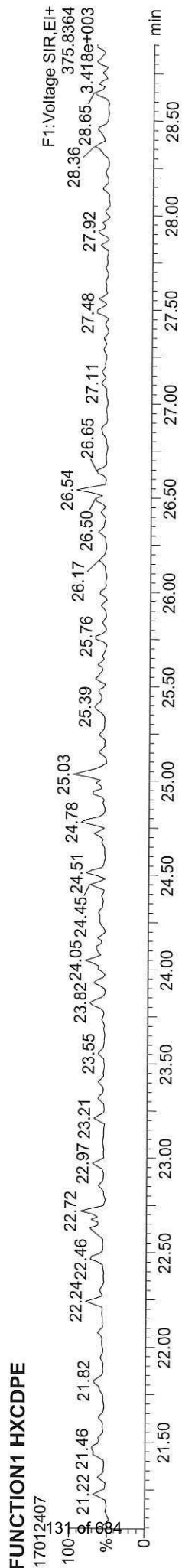
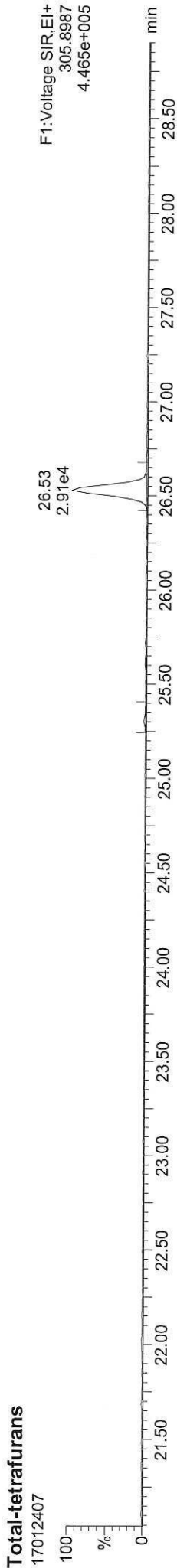
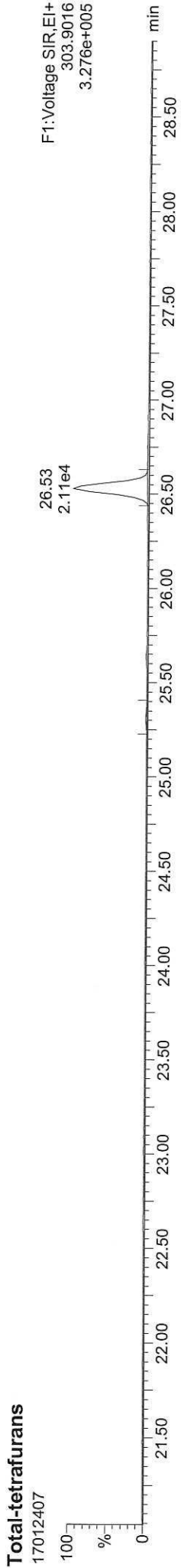
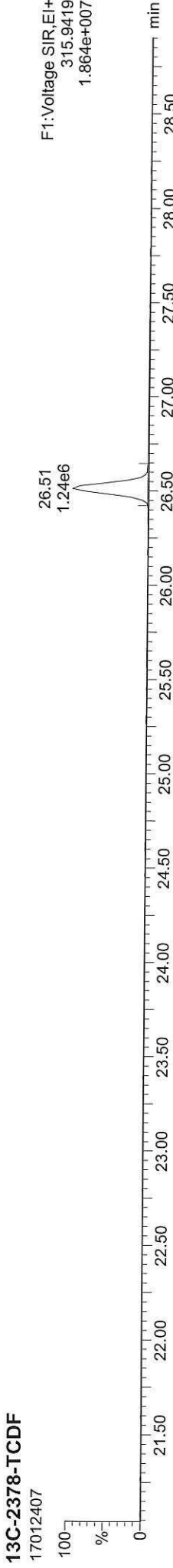
Quantify Sample Report **MassLynx MassLynx V4.1 SCN909**
Dataset: C:\MassLynx\Diocin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:19 Pacific Standard Time

ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk



Quantify Sample Report **MassLynx MassLynx V4.1 SCN909**
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:19 Pacific Standard Time

ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk



Dataset: C:\MassLynx\DIoXin.pro\170124\CAL.qld

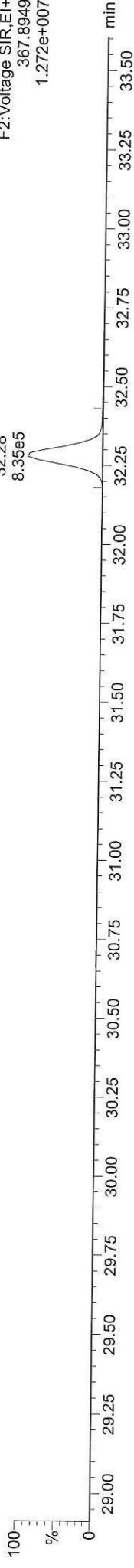
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:19 Pacific Standard Time

ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk

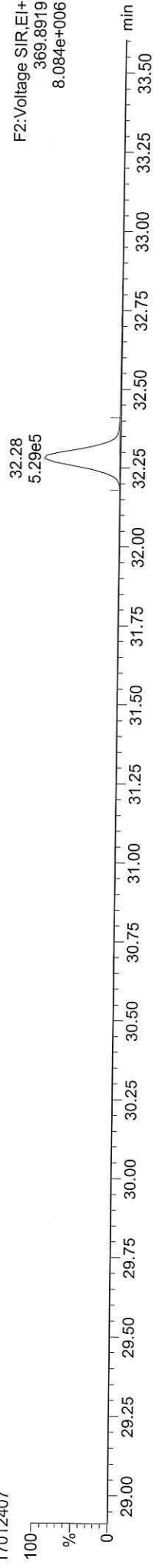
13C-12378-PeCDD

17012407



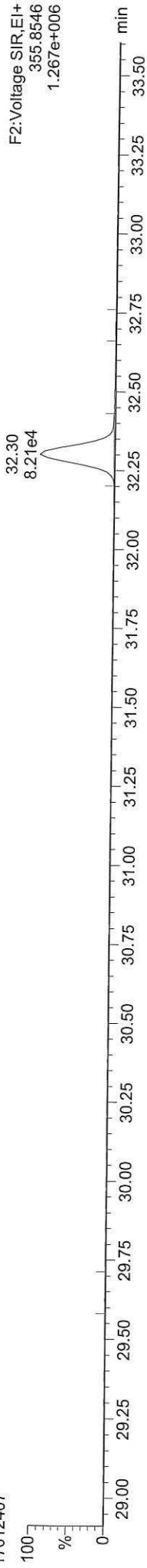
13C-12378-PeCDD

17012407



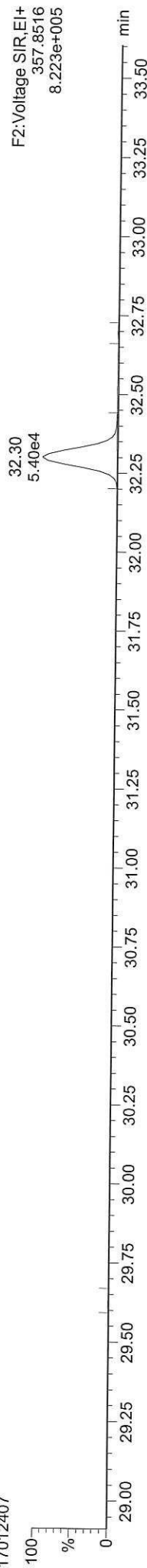
Total-pentadioxins

17012407



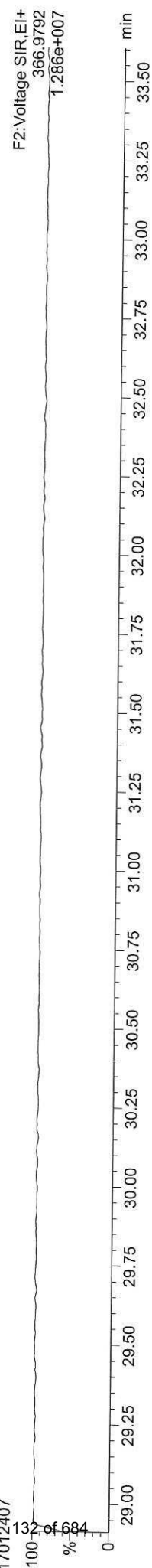
Total-pentadioxins

17012407



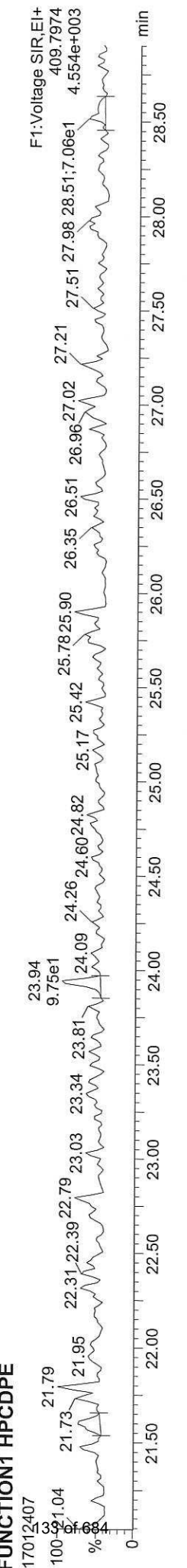
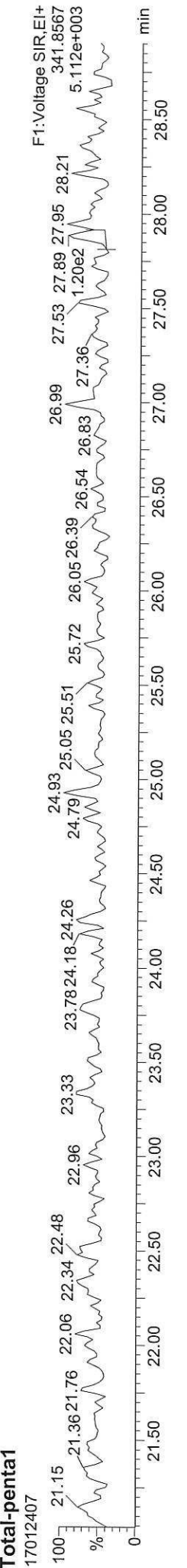
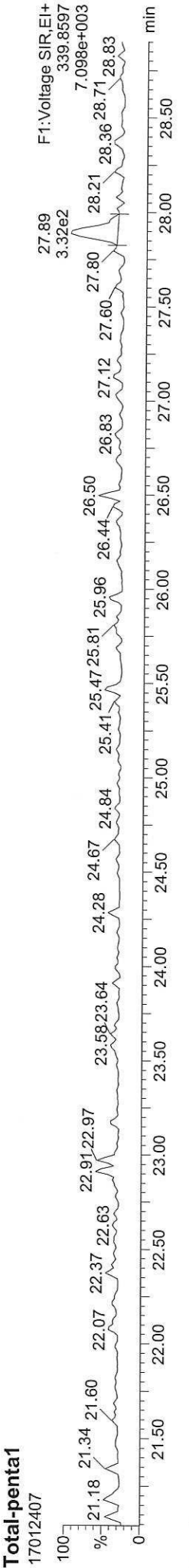
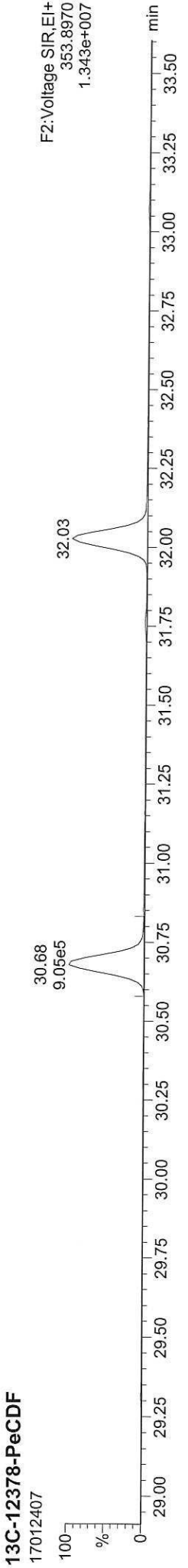
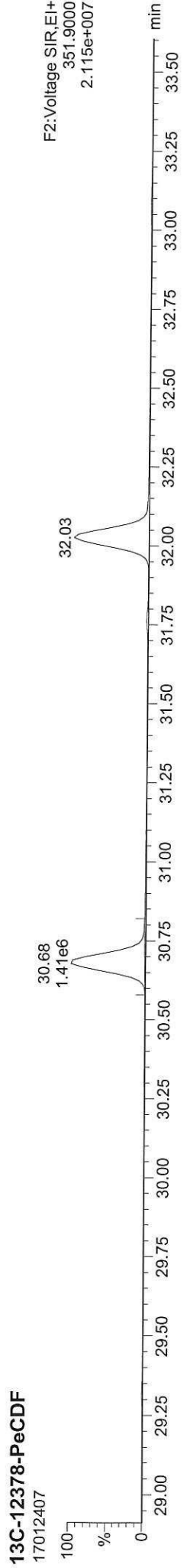
FUNCTION2 PFK

17012407



Quantify Sample Report MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:19 Pacific Standard Time

ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk

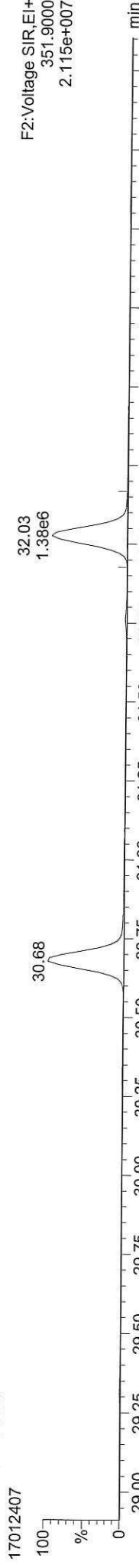


Quantify Sample Report

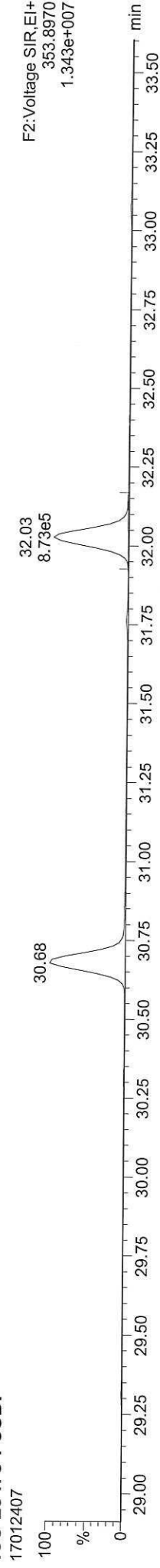
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:19 Pacific Standard Time

ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk

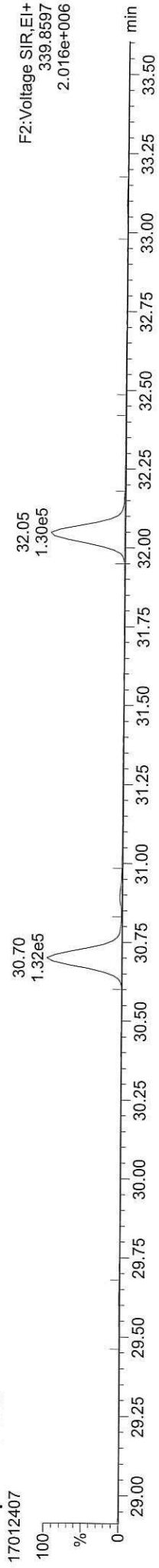
13C-23478-PeCDF



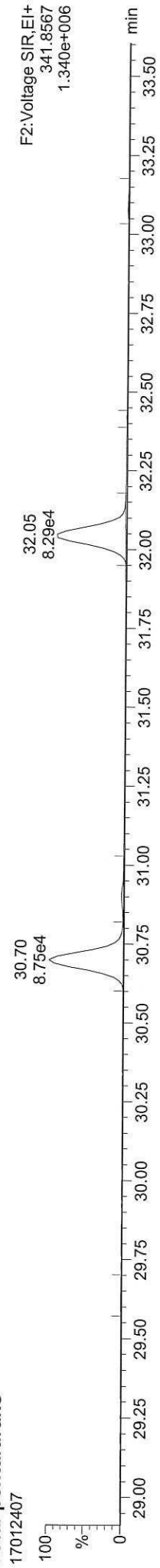
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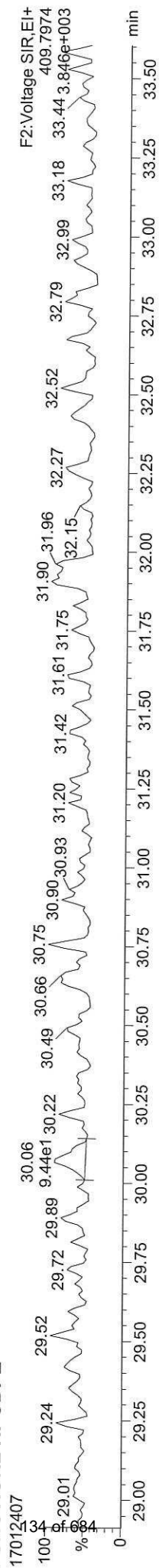
Total-pentafurans



Total-pentafurans

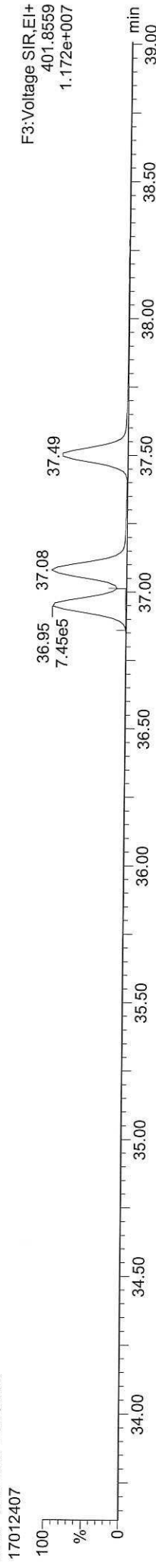


FUNCTION2 HPCDPE

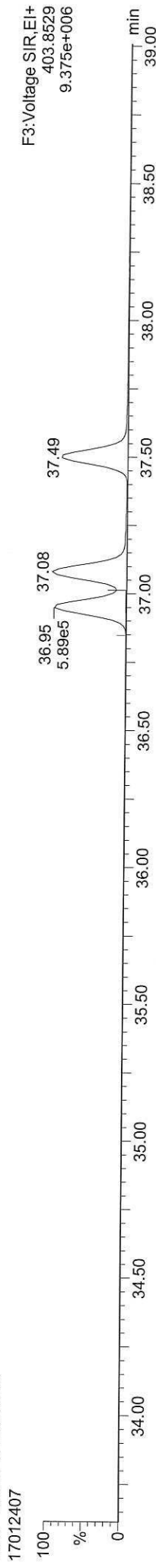


ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk

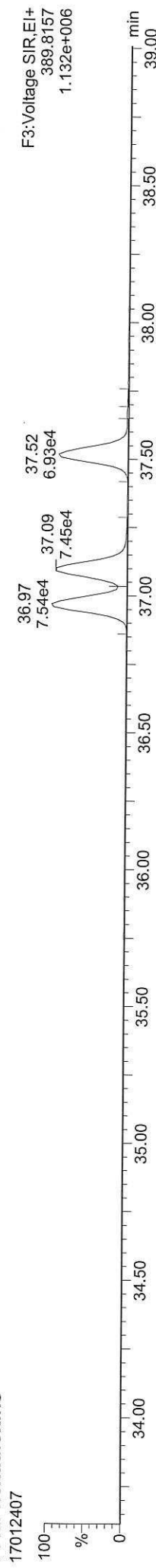
13C-123478-HxCDD



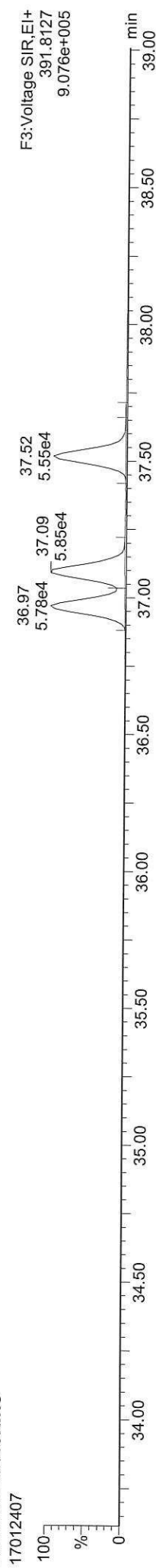
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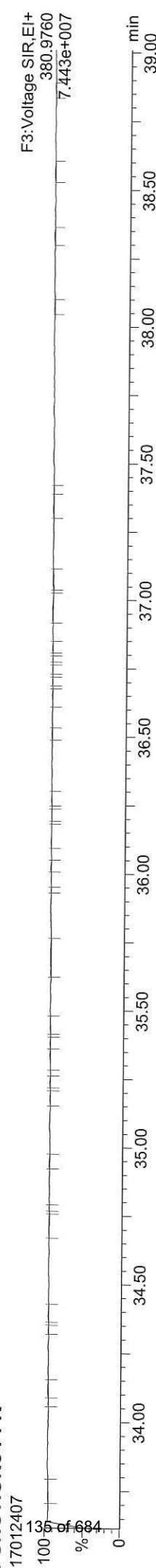
Total-hexadioxins



Total-hexadioxins

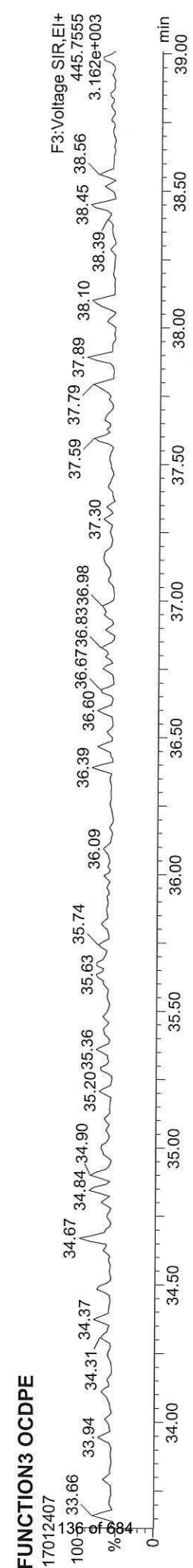
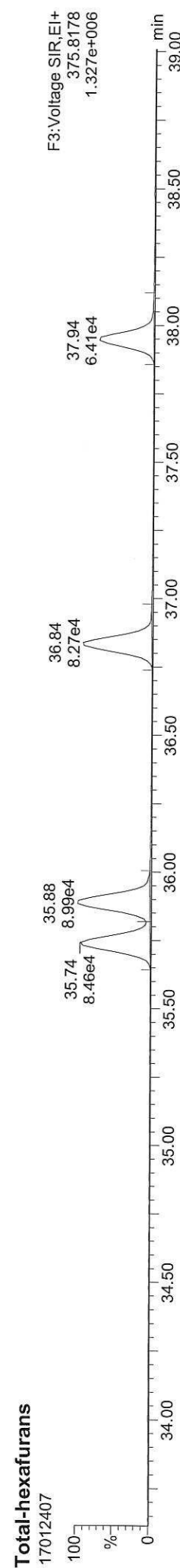
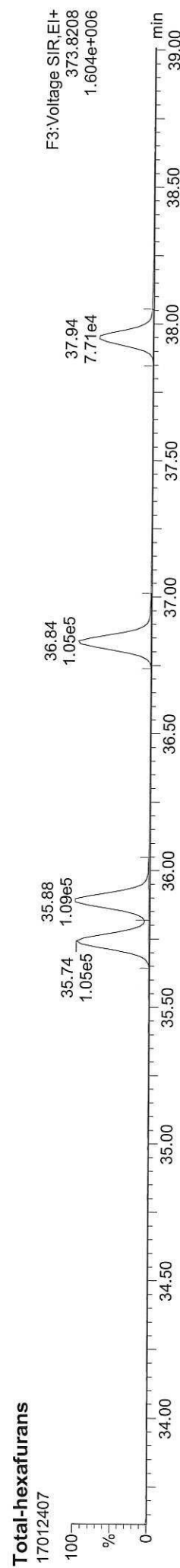
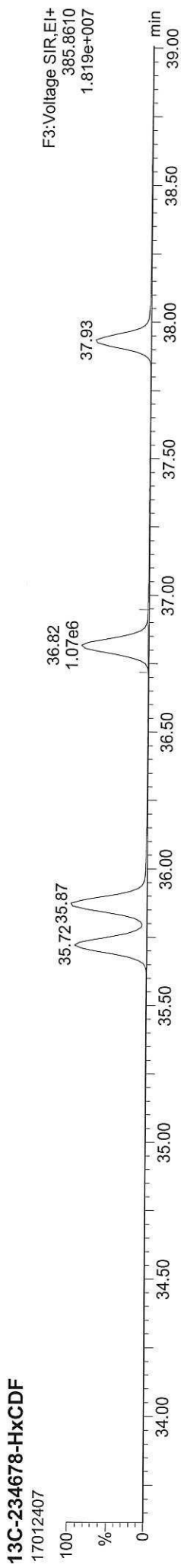
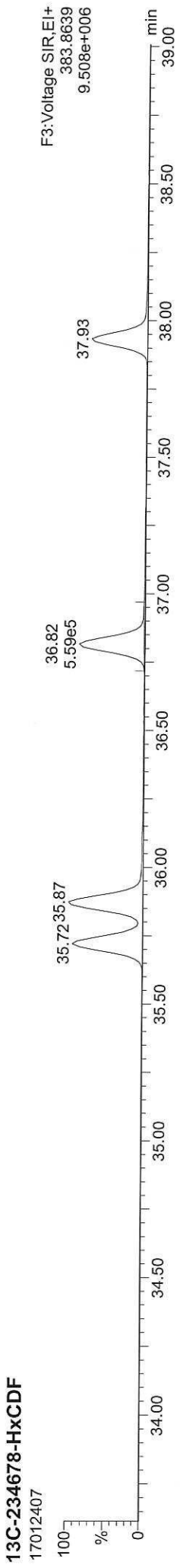


FUNCTION3 PFK



Quantify Sample Report MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:19 Pacific Standard Time

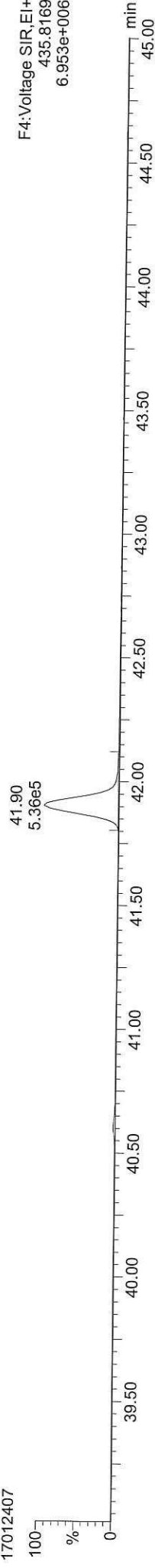
ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk



ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk

13C-1234678-HpCDD

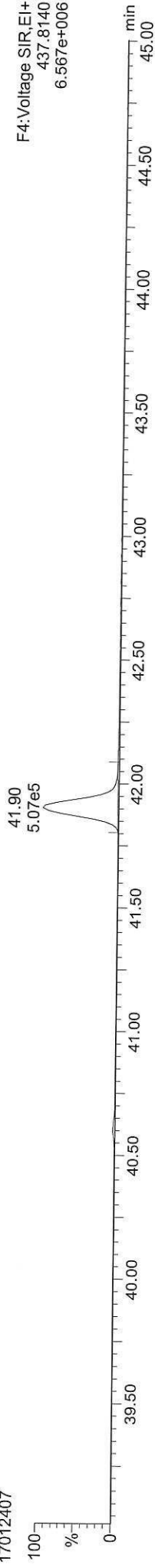
17012407



F4: Voltage SIR, EI+
435.8169
6.953e+006

13C-1234678-HpCDD

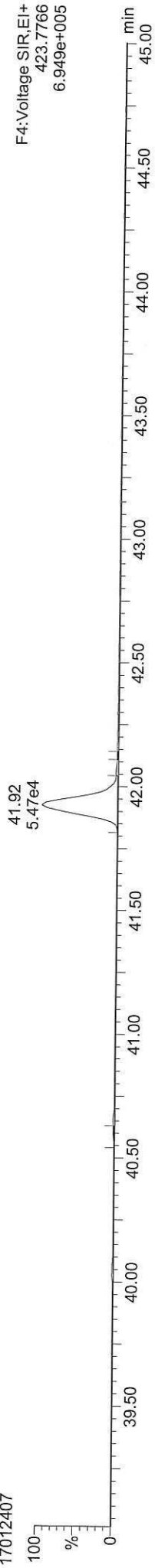
17012407



F4: Voltage SIR, EI+
437.8140
6.567e+006

Total-heptadioxins

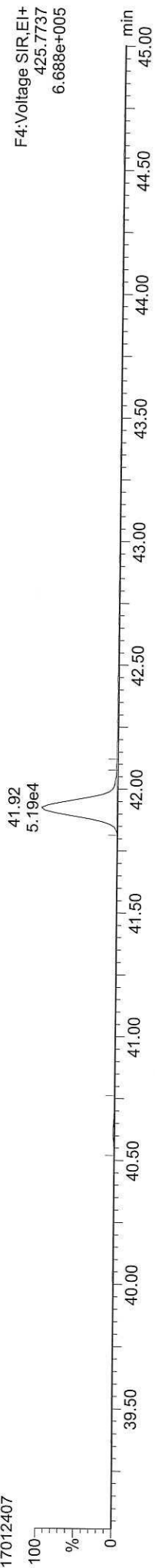
17012407



F4: Voltage SIR, EI+
423.7766
6.949e+005

Total-heptadioxins

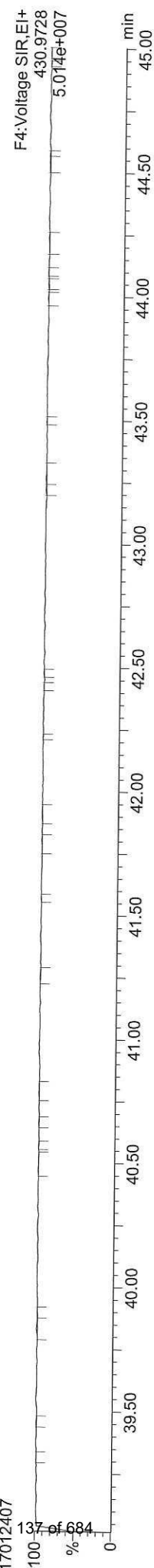
17012407



F4: Voltage SIR, EI+
425.7737
6.688e+005

FUNCTION4 PFK

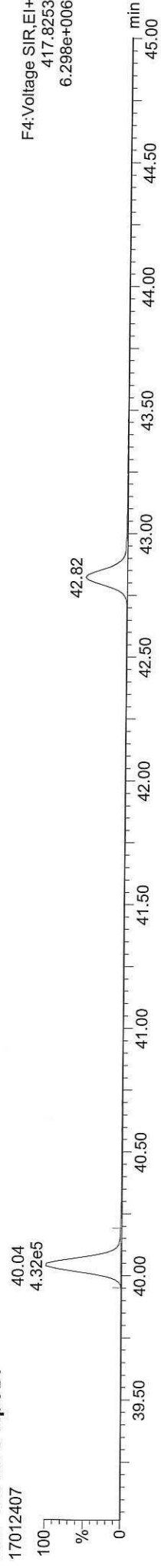
17012407



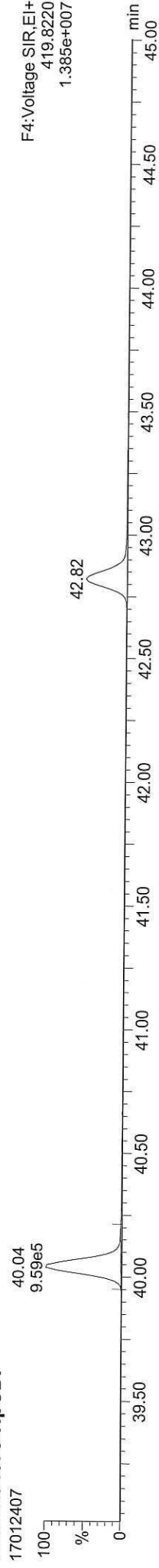
F4: Voltage SIR, EI+
430.9728
5.014e+007

ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk

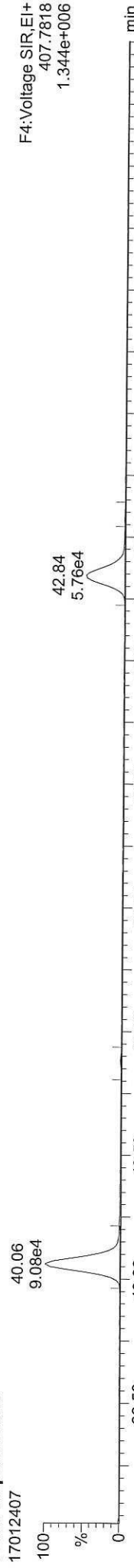
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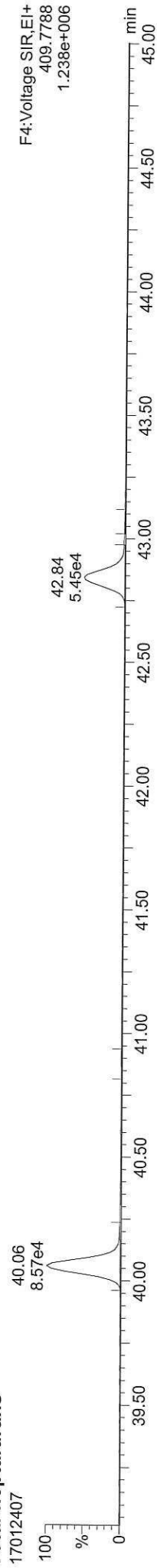
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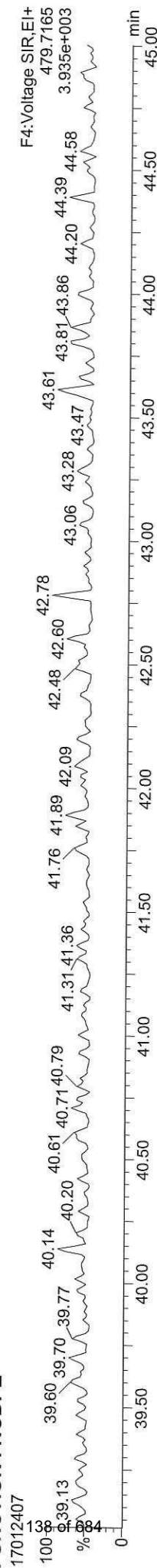
Total-heptafurans



Total-heptafurans



FUNCTION4 NCDPE



Dataset: C:\MassLynx\DIoxin.pro\170124\CAL.qld

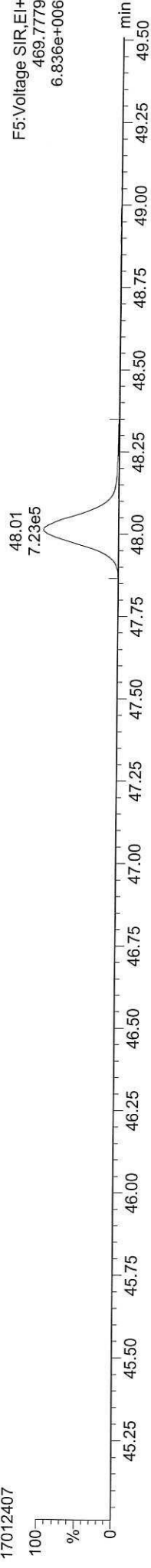
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

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ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk

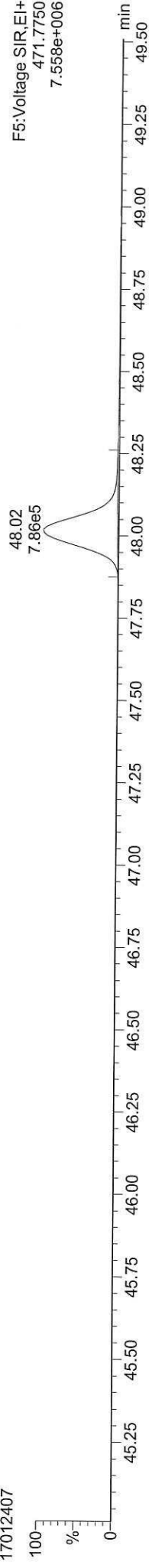
13C-OCDD

17012407



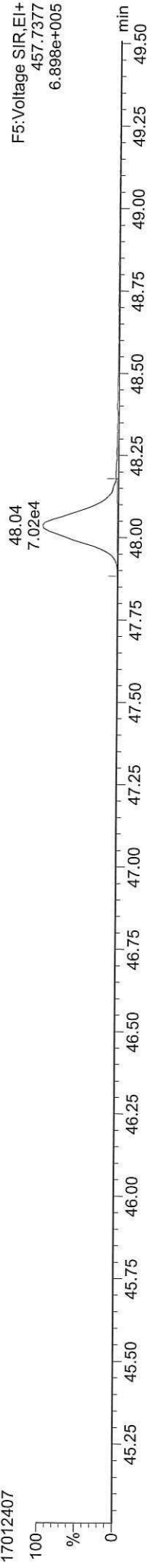
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17012407



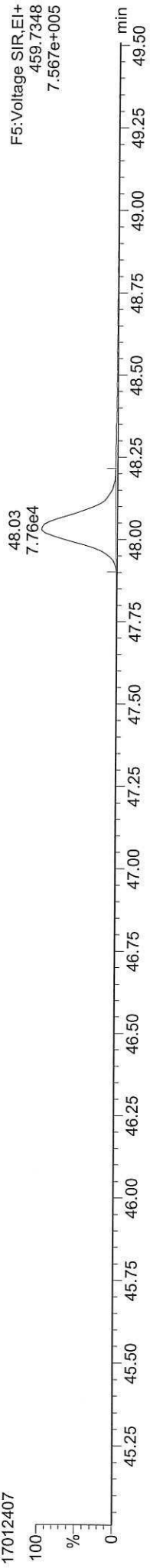
OCDD

17012407



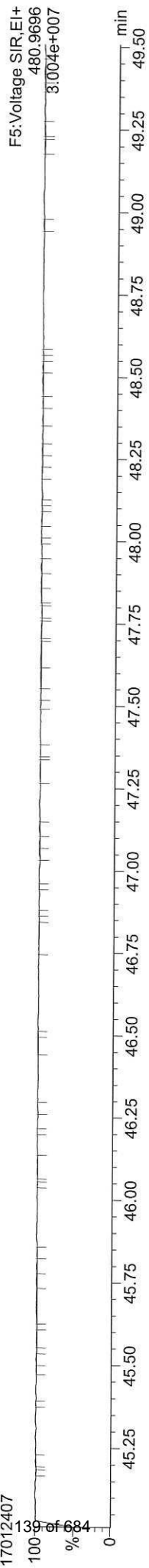
OCDD

17012407



FUNCTION5 PFK

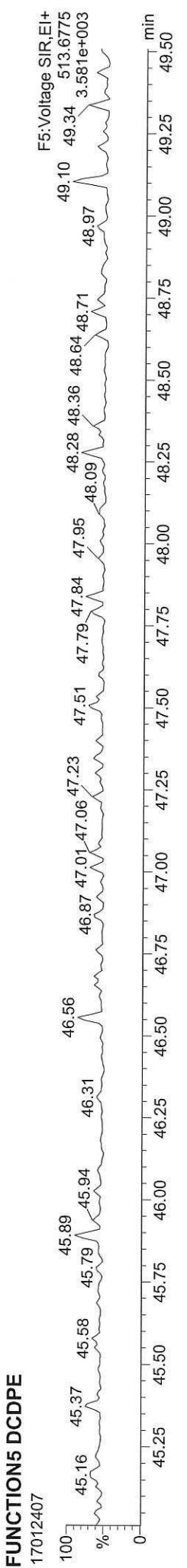
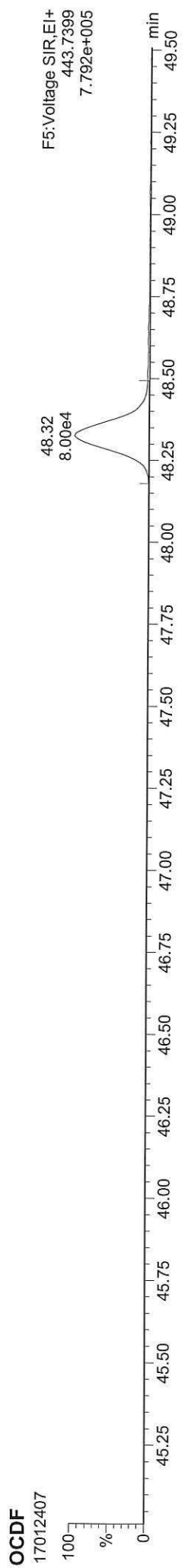
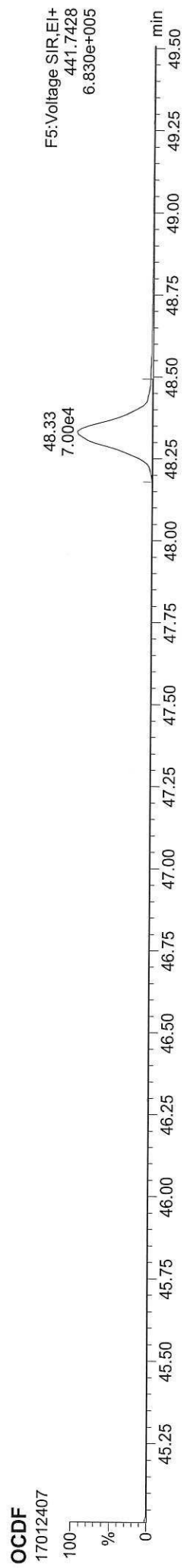
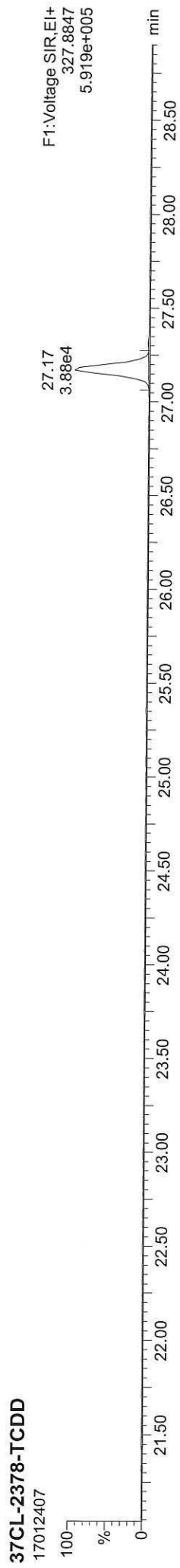
17012407



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:19 Pacific Standard Time

ID: CS2, Name: 17012407, Date: 24-Jan-2017, Time: 18:24:29, Conditions: AUTOSPEC01, User: pk



Quantify Sample Summary Report **MassLynx MassLynx V4.1 SCN909**

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:21 Pacific Standard Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170112.mdb 12 Jan 2017 14:01:03

Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170124\CAL.cdb 25 Jan 2017 09:33:34

ID: CS3, Name: 17012408, Date: 24-Jan-2017, Time: 19:17:52, Conditions: AUTOSPEC01, User: pk

Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
2378-TCDF	26.526	1.001	9.55e4	1.23e5	0.924	0.777	0.770	1067	1962	1.37e6	1.75e6	1283.2	NO	10.229
12378-PeCDF	30.689	1.001	5.33e5	3.42e5	0.954	1.558	1.550	2087	2929	7.97e6	5.11e6	3819.3	NO	48.509
23478-PeCDF	32.037	1.001	5.71e5	3.71e5	0.966	1.538	1.550	2087	2929	8.58e6	5.52e6	4112.4	NO	50.590
123478-HxCDF	35.731	1.001	4.49e5	3.68e5	1.141	1.220	1.240	3384	3436	6.83e6	5.59e6	2019.0	NO	50.416
234678-HxCDF	36.827	1.001	4.23e5	3.46e5	1.181	1.225	1.240	3384	3436	6.21e6	5.02e6	1835.6	NO	49.387
123678-HxCDF	35.885	1.001	4.58e5	3.77e5	1.089	1.215	1.240	3384	3436	6.56e6	5.47e6	1936.9	NO	50.779
123789-HxCDF	37.934	1.000	3.27e5	2.61e5	1.110	1.255	1.240	3384	3436	4.94e6	4.01e6	1458.4	NO	49.086
1234678-HpCDF	40.050	1.001	3.56e5	3.45e5	1.267	1.033	1.050	3197	2422	5.05e6	4.91e6	1580.8	NO	49.048
1234789-HpCDF	42.834	1.001	2.32e5	2.29e5	1.295	1.014	1.050	3197	2422	2.85e6	2.79e6	892.6	NO	48.686
OCDF	48.315	1.007	3.05e5	3.40e5	1.067	0.896	0.890	1286	1300	2.94e6	3.24e6	2286.4	NO	98.847
2378-TCDD	27.169	1.001	6.91e4	8.46e4	1.150	0.817	0.770	1036	1674	9.89e5	1.23e6	955.2	NO	10.061
12378-PeCDD	32.289	1.001	3.34e5	2.18e5	1.017	1.533	1.550	2687	1783	4.96e6	3.27e6	1847.7	NO	48.414
123478-HxCDD	36.959	1.001	3.00e5	2.42e5	1.017	1.241	1.240	2176	2495	4.53e6	3.66e6	2081.8	NO	49.524
123678-HxCDD	37.090	1.001	3.08e5	2.49e5	0.964	1.238	1.240	2176	2495	4.52e6	3.65e6	2079.1	NO	51.145
123789-HxCDD	37.507	1.012	2.88e5	2.30e5	0.948	1.252	1.240	2176	2495	4.44e6	3.53e6	2038.7	NO	49.609
1234678-HpCDD	41.913	1.001	2.26e5	2.14e5	1.051	1.056	1.050	1873	1816	2.91e6	2.75e6	1556.0	NO	49.468
OCDD	48.019	1.000	2.94e5	3.23e5	1.030	0.910	0.890	1990	1453	2.82e6	3.16e6	1415.2	NO	97.979
13C-2378-TCDF	26.497	1.006	1.01e6	1.30e6	1.515	0.776	0.770	6152	2732	1.43e7	1.86e7	2325.7	NO	96.731
13C-12378-PeCDF	30.667	1.165	1.16e6	7.30e5	1.276	1.592	1.550	2567	2401	1.70e7	1.08e7	6618.1	NO	94.073
13C-23478-PeCDF	32.015	1.216	1.17e6	7.53e5	1.257	1.559	1.550	2567	2401	1.79e7	1.15e7	6965.4	NO	97.310
13C-123478-HxCDF	35.709	0.952	4.82e5	9.39e5	1.431	0.513	0.510	2940	3412	7.36e6	1.42e7	2503.8	NO	101.795
13C-123678-HxCDF	35.863	0.956	5.16e5	9.95e5	1.552	0.519	0.510	2940	3412	7.50e6	1.44e7	2572.6	NO	99.810
13C-234678-HxCDF	36.806	0.982	4.51e5	8.67e5	1.349	0.520	0.510	2940	3412	6.81e6	1.29e7	2314.5	NO	100.213
13C-123789-HxCDF	37.923	1.011	3.69e5	7.10e5	1.111	0.521	0.510	2940	3412	5.58e6	1.10e7	1899.0	NO	99.587
13C-1234678-HpCDF	40.028	1.068	3.51e5	7.78e5	1.160	0.451	0.440	1982	2815	5.04e6	1.11e7	2542.1	NO	99.820
13C-1234789-HpCDF	42.812	1.142	2.28e5	5.02e5	0.758	0.455	0.440	1982	2815	2.82e6	6.11e6	1420.2	NO	98.813
13C-1234-TCDD	26.332	0.000	6.96e5	8.80e5	1.000	0.791	0.770	2672	1343	1.04e7	1.32e7	3903.8	NO	100.000
13C-12378-TCDD	27.139	1.031	5.80e5	7.49e5	0.872	0.775	0.770	2672	1343	8.42e6	1.08e7	3152.5	NO	96.689
13C-2378-PeCDD	32.267	1.225	6.88e5	4.33e5	0.754	1.590	1.550	1274	1145	1.01e7	6.42e6	7916.9	NO	94.368
13C-123478-HxCDD	36.937	0.985	6.03e5	4.72e5	1.106	1.278	1.240	1836	1817	8.99e6	7.12e6	4899.0	NO	99.699
13C-123678-HxCDD	37.069	0.989	6.28e5	5.02e5	1.165	1.252	1.240	1836	1817	9.28e6	7.44e6	5054.3	NO	99.522
13C-1234678-HpCDD	41.891	1.117	4.40e5	4.08e5	0.872	1.080	1.050	2505	2007	5.59e6	5.33e6	2230.2	NO	99.705
13C-OCDD	48.001	1.280	5.79e5	6.45e5	0.655	0.897	0.890	1602	1965	5.57e6	6.11e6	3476.3	NO	191.464

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ID: CS3, Name: 17012408, Date: 24-Jan-2017, Time: 19:17:52, Conditions: AUTOSPEC01, User: pk

Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
13C-123789-HxCDD	37.496	0.000	5.46e5	4.29e5	1.000	1.272	1.240	1836	1817	8.26e6	6.52e6	4502.1	NO	100.000
Total-tetrafurans			3.25e5		0.924			1067		4.69e6				35.042
Total-penta1			7.83e5					628		1.12e7				73.657
Total-pentafurans			1.72e6		0.960			2087		2.53e7				153.924
Total-hexafurans			2.14e6		1.130			3384		3.19e7				257.486
Total-heptafurans			5.89e5		1.281			3197		7.93e6				97.882
Total-Furans			5.86e6		1.100			1067		8.39e7				716.838
Total-tetra-dioxins			3.78e5		1.150			1036		5.03e6				55.541
Total-penta-dioxins			1.37e6		1.017			2687		1.71e7				197.572
Total-hexa-dioxins			1.25e6		0.977			2176		1.87e7				209.146
Total-hepta-dioxins			4.96e5		1.051			1873		6.67e6				108.750
Total-Dioxins			3.78e6		1.025			1036		5.04e7				668.987
Total-TEQ			9.65e6					1036		1.34e8				1385.826
37CL-2378-TCDD	27.169	1.032	1.58e5		1.073			1618		2.22e6		1374.1		9.330
FUNCTION1 PFK			9.91e5					466203		1.82e7				
FUNCTION2 PFK			3.34e4					124756		1.40e6				0.000
FUNCTION3 PFK			5.31e7					316006		4.26e8				0.000
FUNCTION4 PFK			2.49e5					277303		7.61e6				
FUNCTION5 PFK			0.00e0					209524		0.00e0				
FUNCTION1 HXCDPE			9.33e1					375		1.96e3				0.000
FUNCTION1 HPCDPE			1.08e2					585		2.57e3				0.000
FUNCTION2 HPCDPE			4.89e2					826		1.19e4				0.000
FUNCTION3 OCDPE			0.00e0					313		0.00e0				
FUNCTION4 NCDPE			0.00e0					450		0.00e0				
FUNCTION5 DCDPE			0.00e0					382		0.00e0				

Quantify Sample Report MassLynx MassLynx V4.1 SCN909

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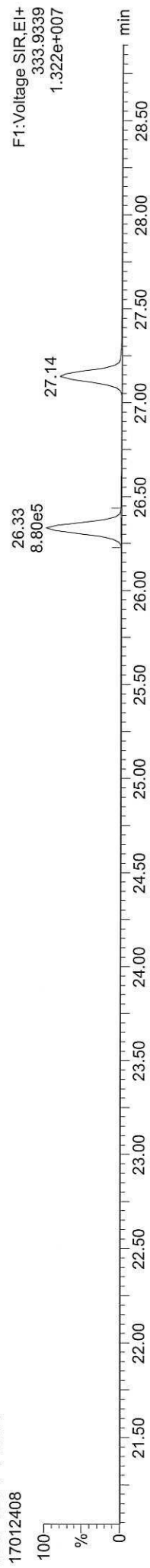
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Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170124\CAL.cdb 25 Jan 2017 09:33:34

ID: CS3, Name: 17012408, Date: 24-Jan-2017, Time: 19:17:52, Conditions: AUTOSPEC01, User: pk

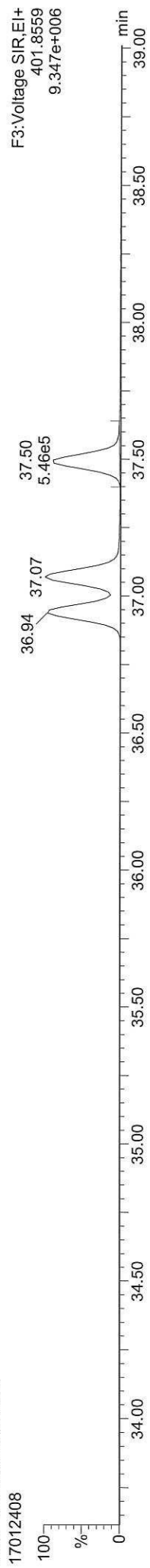
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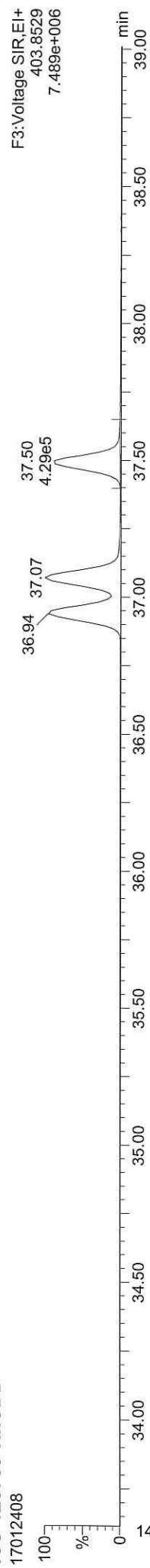
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13C-123789-HxCDD



13C-123789-HxCDD



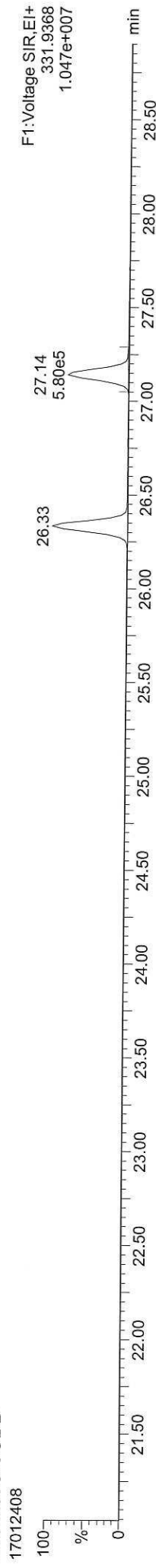
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:21 Pacific Standard Time

ID: CS3, Name: 17012408, Date: 24-Jan-2017, Time: 19:17:52, Conditions: AUTOSPEC01, User: pk

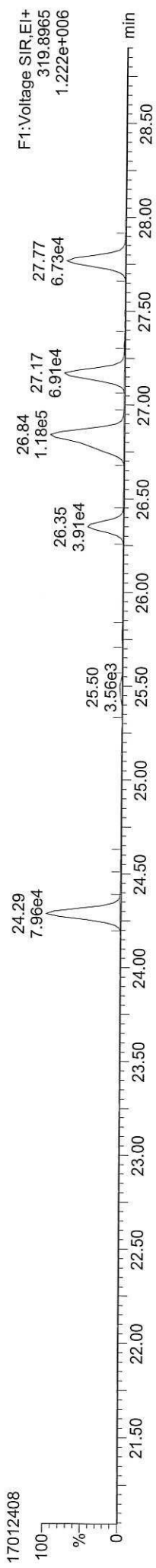
13C-2378-TCDD



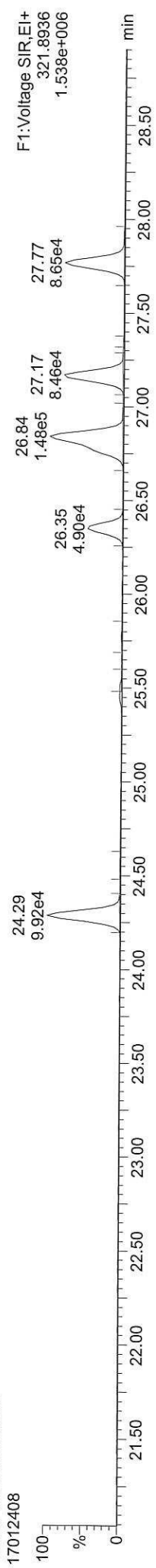
13C-2378-TCDD



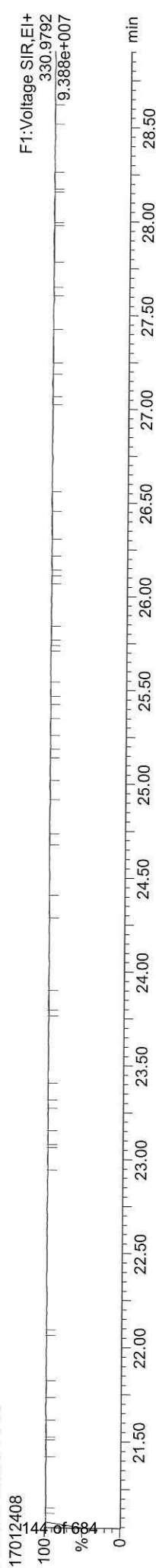
Total-tetradioxins



Total-tetradioxins



FUNCTION1 PFK



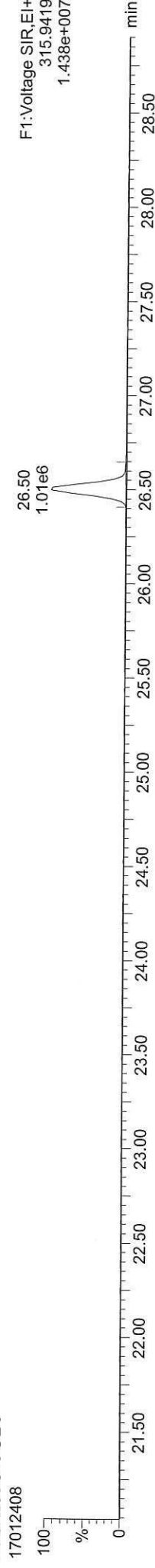
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Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

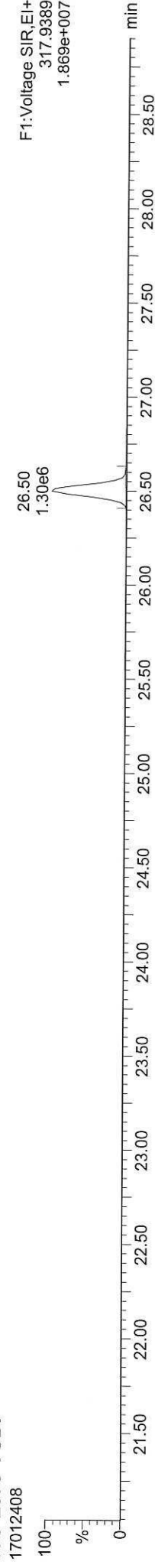
Printed: Wednesday, January 25, 2017 09:38:21 Pacific Standard Time

ID: CS3, Name: 17012408, Date: 24-Jan-2017, Time: 19:17:52, Conditions: AUTOSPEC01, User: pk

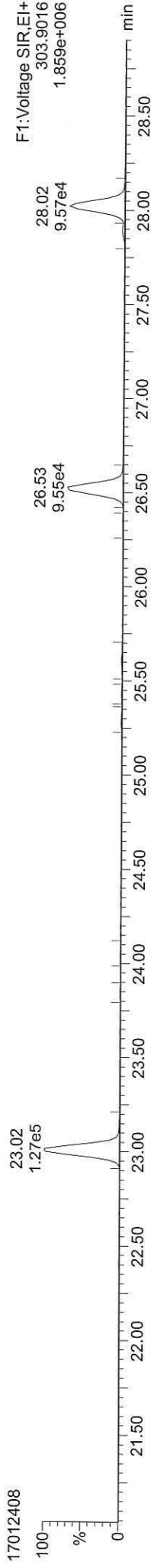
13C-2378-TCDF



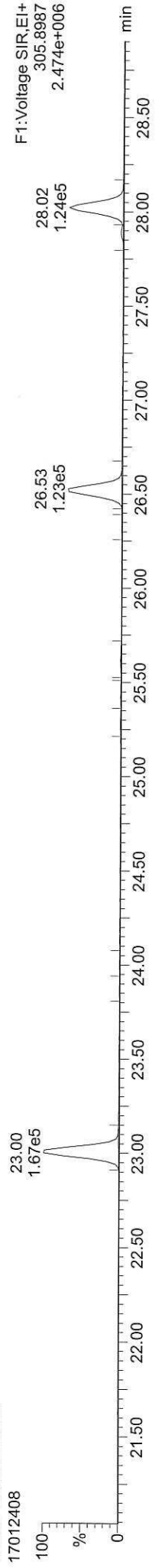
13C-2378-TCDF



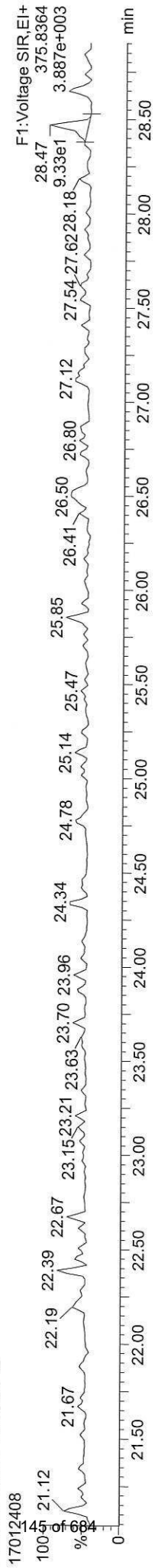
Total-tetrafurans



Total-tetrafurans



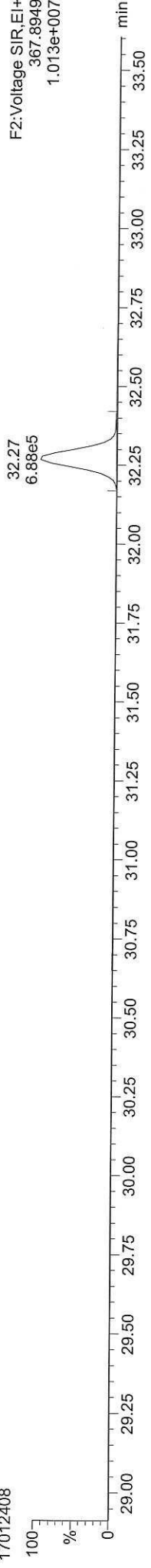
FUNCTION1 HXCDFE



ID: CS3, Name: 17012408, Date: 24-Jan-2017, Time: 19:17:52, Conditions: AUTOSPEC01, User: pk

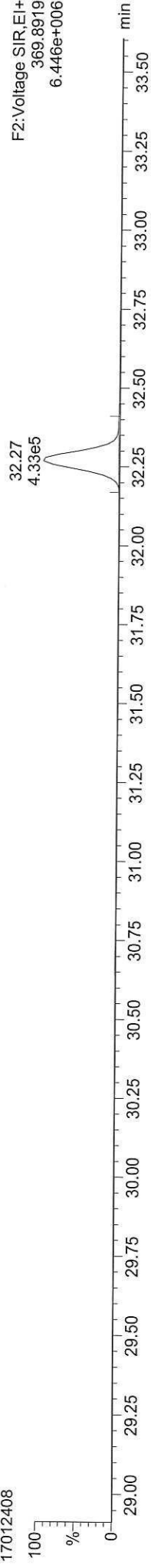
13C-12378-PeCDD

17012408



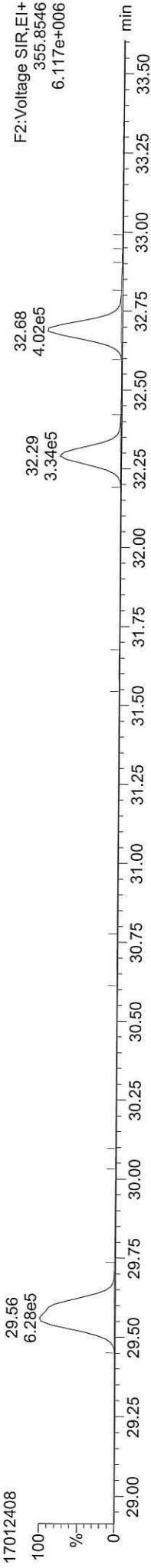
13C-12378-PeCDD

17012408



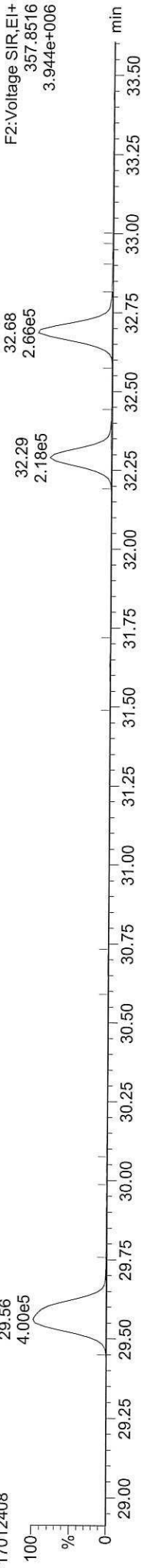
Total-pentadioxins

17012408



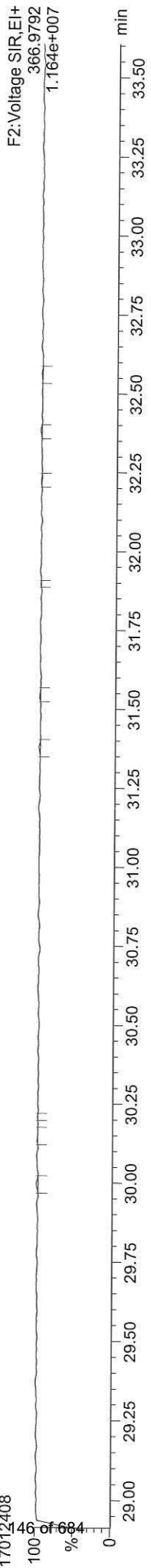
Total-pentadioxins

17012408



FUNCTION2 PFK

17012408



Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

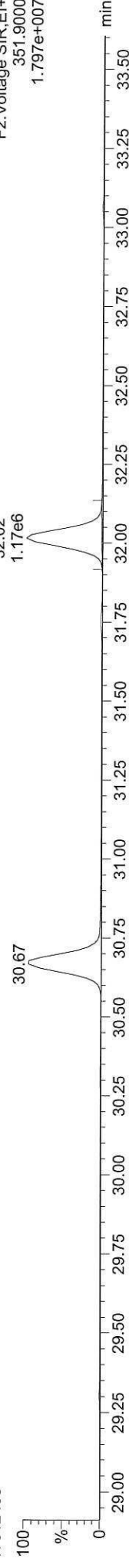
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:21 Pacific Standard Time

ID: CS3, Name: 17012408, Date: 24-Jan-2017, Time: 19:17:52, Conditions: AUTOSPEC01, User: pk

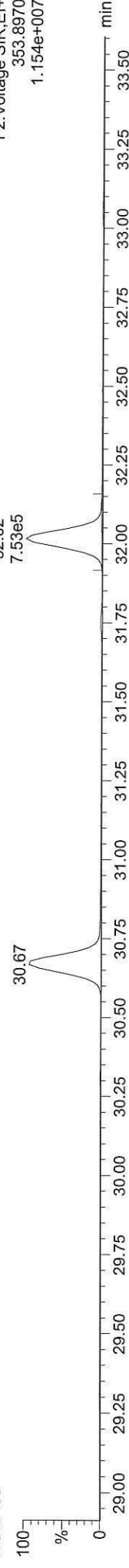
13C-23478-PeCDF

17012408



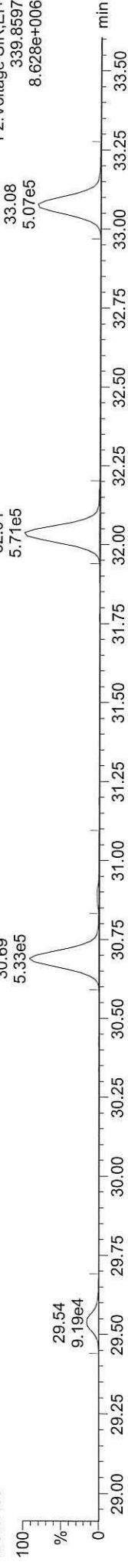
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17012408



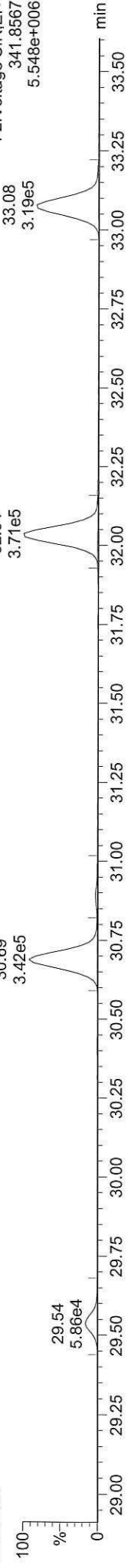
Total-pentafurans

17012408



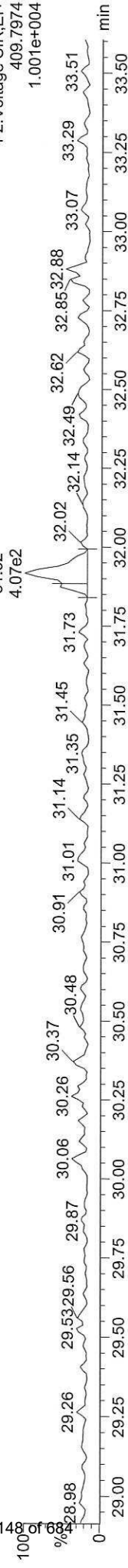
Total-pentafurans

17012408



FUNCTION2 HPCDPE

17012408



Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

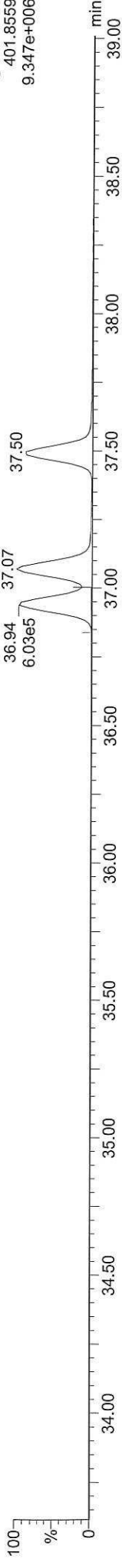
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:21 Pacific Standard Time

ID: CS3, Name: 17012408, Date: 24-Jan-2017, Time: 19:17:52, Conditions: AUTOSPEC01, User: pk

13C-123478-HxCDD

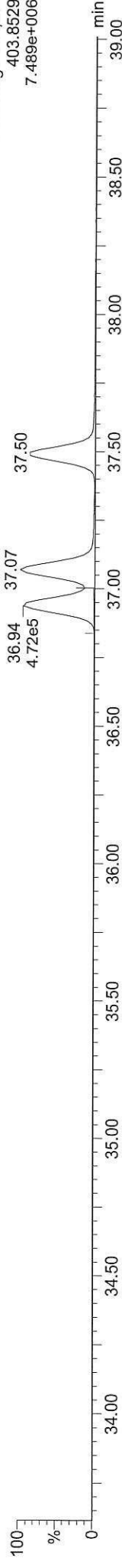
17012408



F3: Voltage SIR, EI+
401.8559
9.347e+006

13C-123478-HxCDD

17012408



F3: Voltage SIR, EI+
403.8529
7.489e+006

Total-hexadioxins

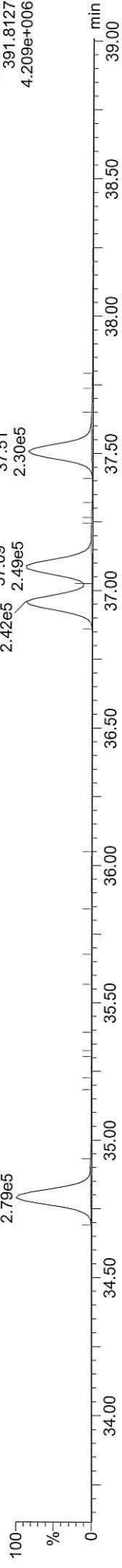
17012408



F3: Voltage SIR, EI+
389.8157
5.214e+006

Total-hexadioxins

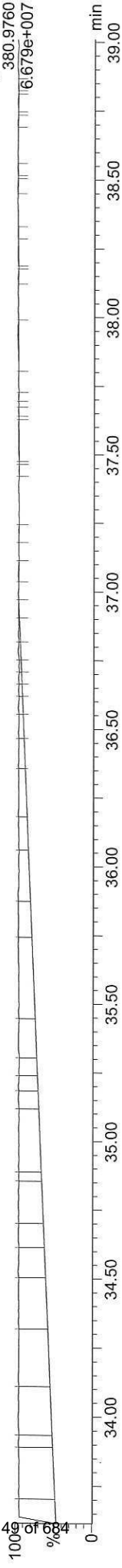
17012408



F3: Voltage SIR, EI+
391.8127
4.209e+006

FUNCTION3 PFK

17012408



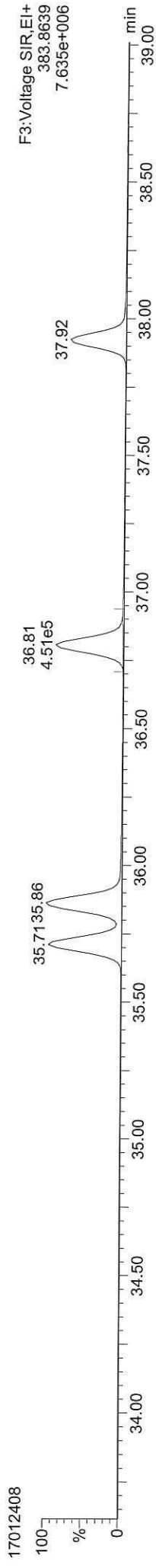
F3: Voltage SIR, EI+
380.9760
6.679e+007

Quantify Sample Report MassLynx MassLynx V4.1 SCN909

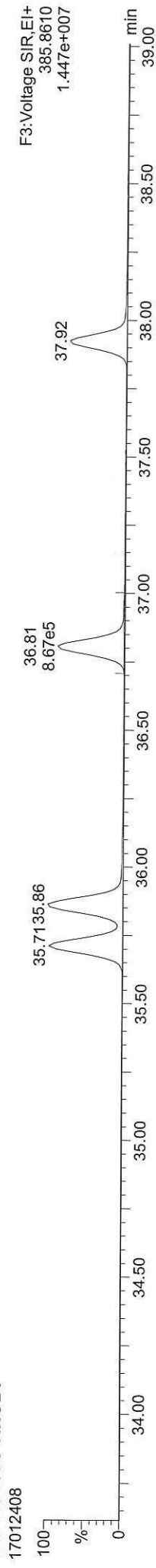
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:21 Pacific Standard Time

ID: CS3, Name: 17012408, Date: 24-Jan-2017, Time: 19:17:52, Conditions: AUTOSPEC01, User: pk

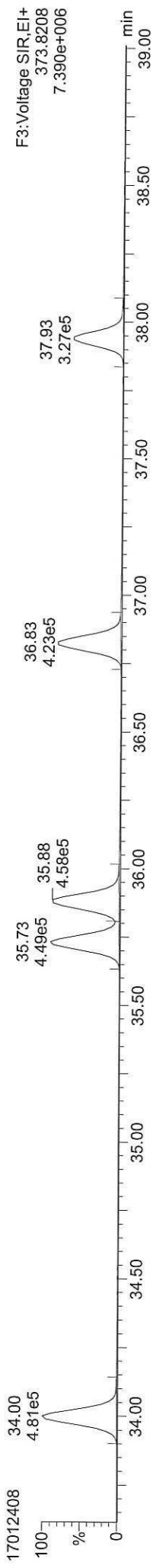
13C-234678-HxCDF



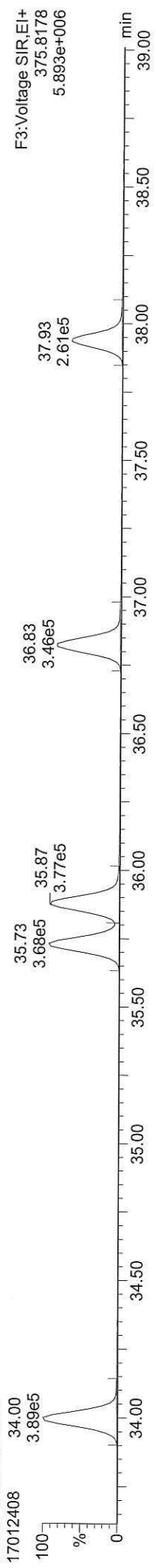
13C-234678-HxCDF



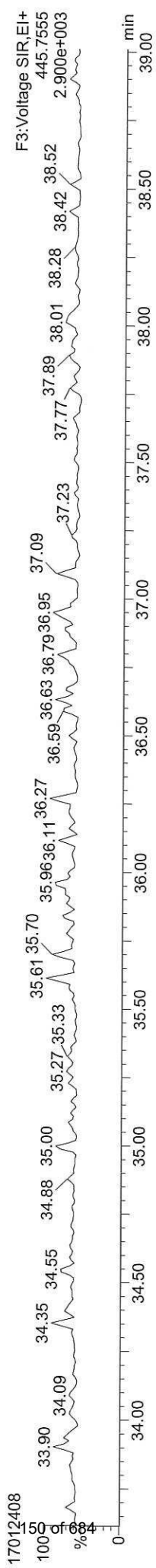
Total-hexafurans



Total-hexafurans



FUNCTION3 OCDFE



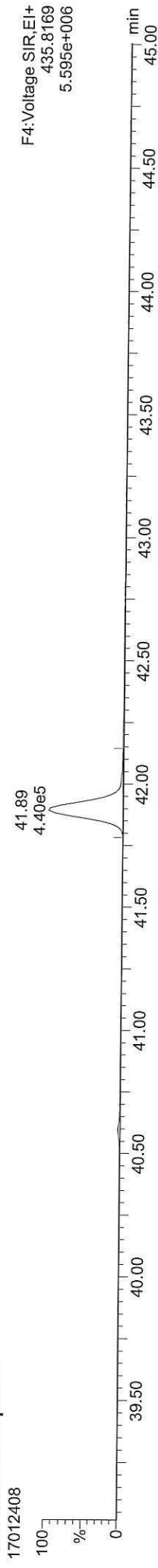
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qtd

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

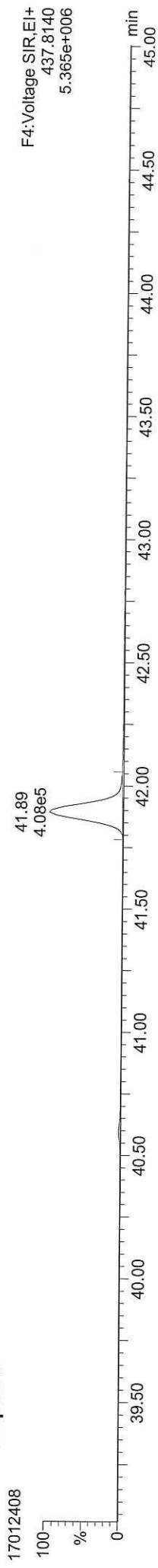
Printed: Wednesday, January 25, 2017 09:38:21 Pacific Standard Time

ID: CS3, Name: 17012408, Date: 24-Jan-2017, Time: 19:17:52, Conditions: AUTOSPEC01, User: pk

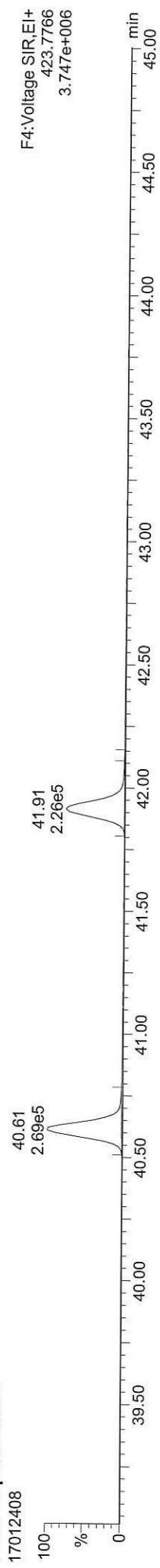
13C-1234678-HpCDD



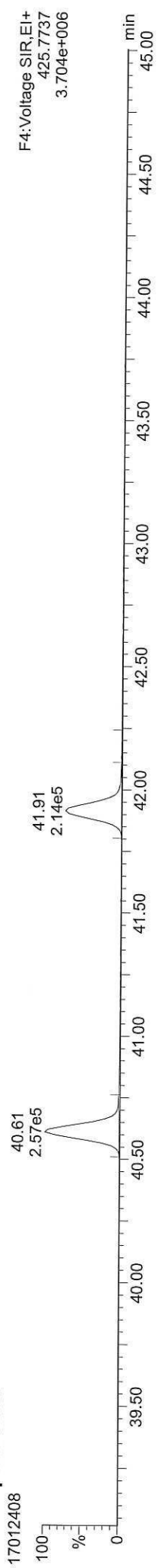
13C-1234678-HpCDD



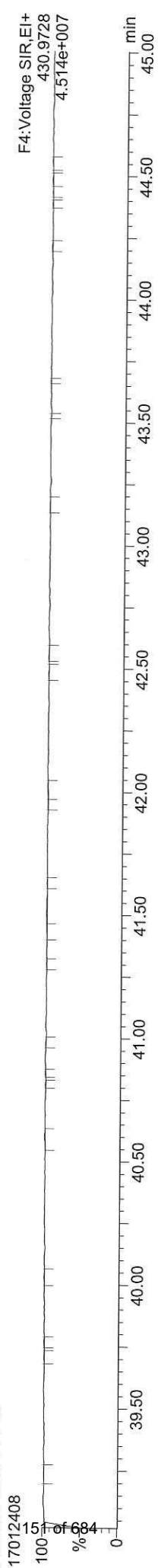
Total-heptadioxins



Total-heptadioxins

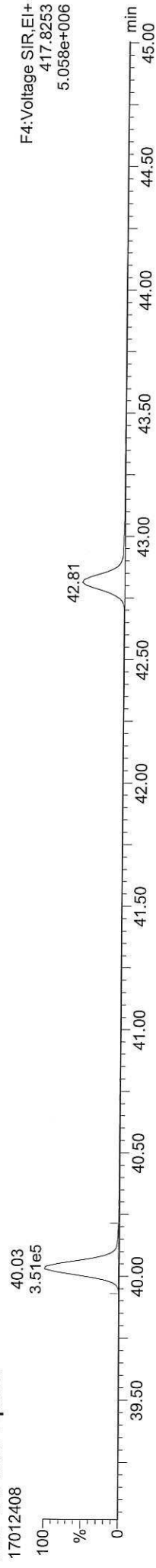


FUNCTION4 PFK

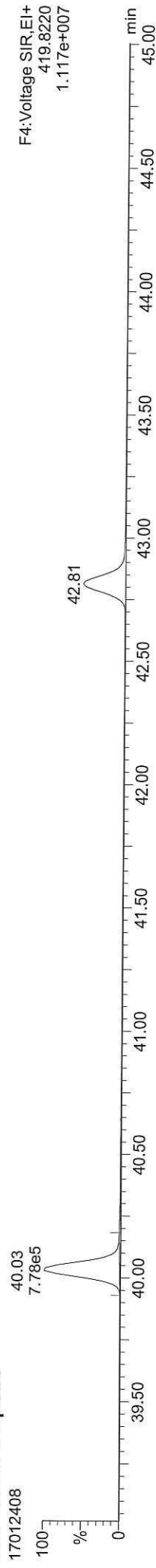


ID: CS3, Name: 17012408, Date: 24-Jan-2017, Time: 19:17:52, Conditions: AUTOSPEC01, User: pk

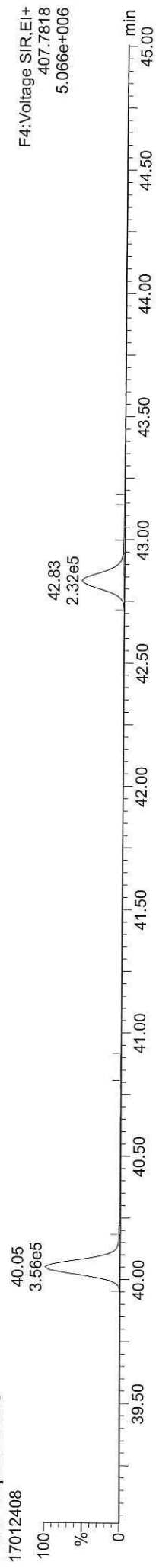
13C-1234678-HpCDF



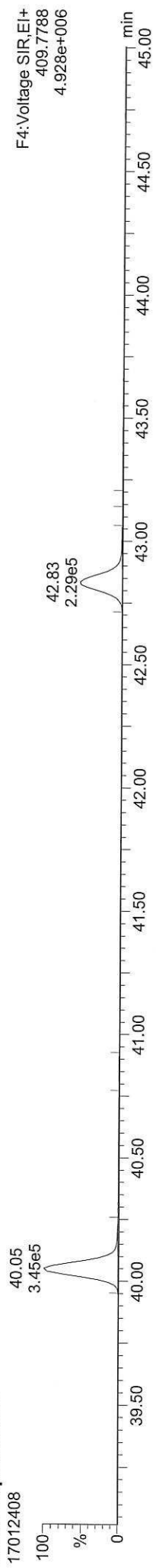
13C-1234678-HpCDF



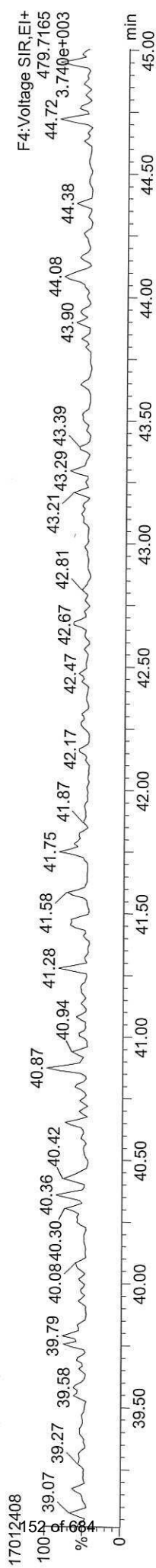
Total-heptafulrans



Total-heptafulrans

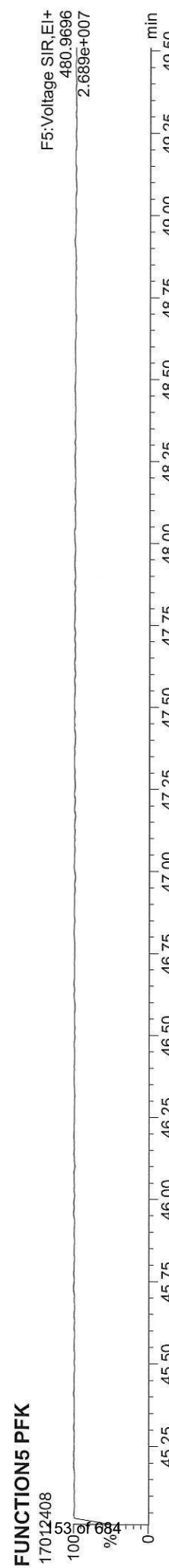
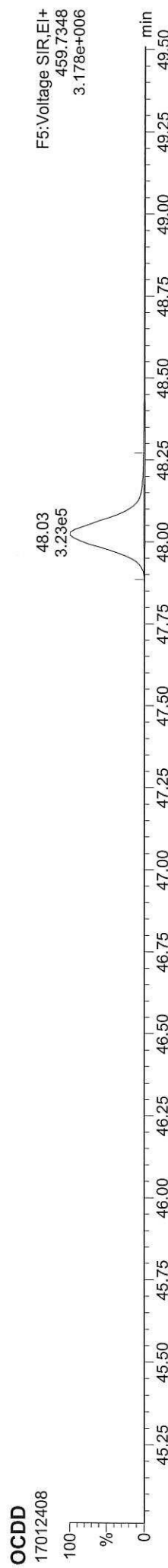
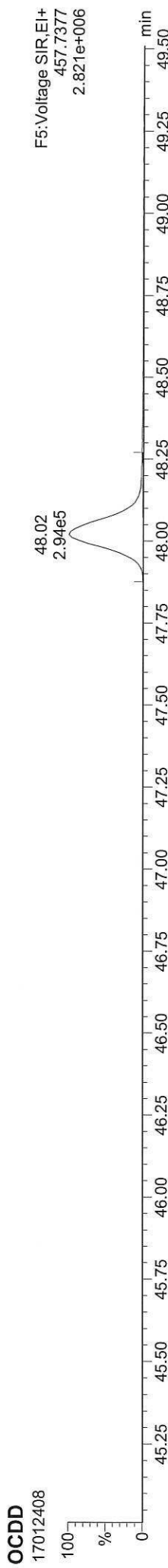
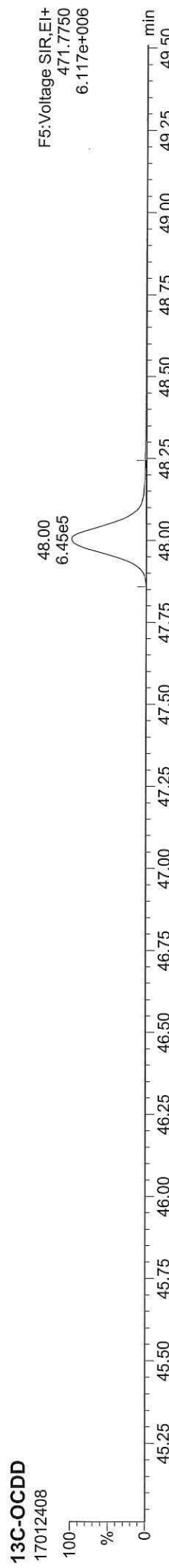
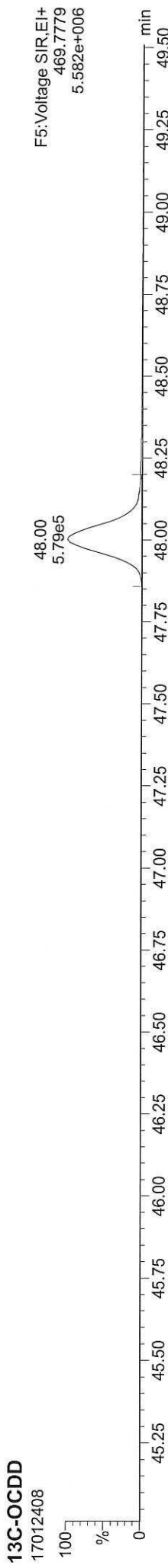


FUNCTION4 NCDPE



Quantify Sample Report MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:21 Pacific Standard Time

ID: CS3, Name: 17012408, Date: 24-Jan-2017, Time: 19:17:52, Conditions: AUTOSPEC01, User: pk



Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:21 Pacific Standard Time

ID: CS3, Name: 17012408, Date: 24-Jan-2017, Time: 19:17:52, Conditions: AUTOSPEC01, User: pk

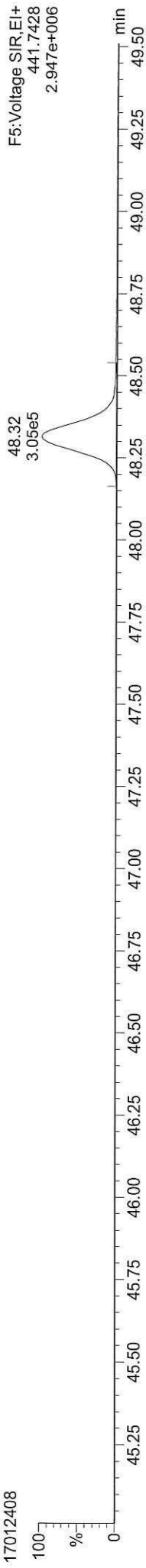
37CL-2378-TCDD

17012408



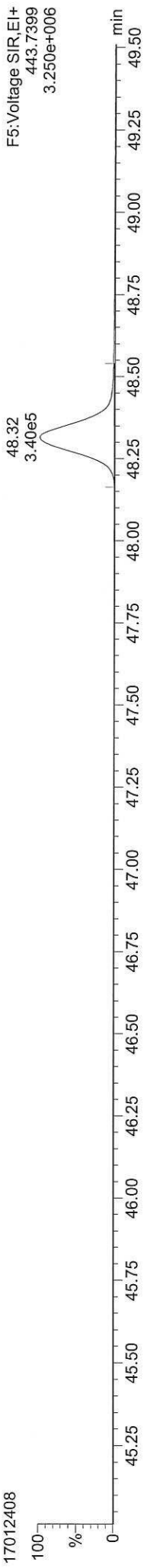
OCDF

17012408



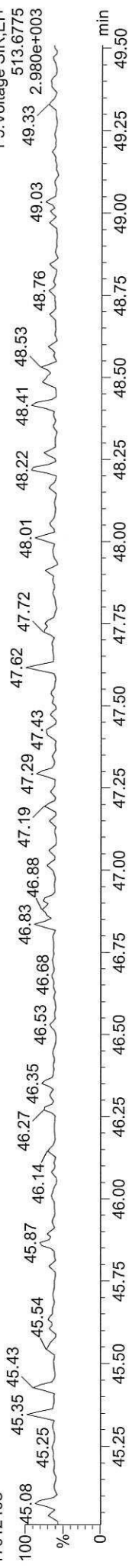
OCDF

17012408



FUNCTION5 DCDPE

17012408



Quantify Sample Summary Report **MassLynx MassLynx V4.1 SCN909**

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170112.mdb 12 Jan 2017 14:01:03

Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170124\CAL.cdb 25 Jan 2017 09:33:34

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
2378-TCDF	26.527	1.001	4.29e5	5.56e5	0.924	0.771	0.770	1114	1297	6.33e6	8.16e6	5682.4	NO	40.989
12378-PeCDF	30.689	1.000	2.52e6	1.65e6	0.954	1.529	1.550	5404	2767	3.82e7	2.47e7	7070.4	NO	199.964
23478-PeCDF	32.037	1.001	2.51e6	1.63e6	0.966	1.540	1.550	5404	2767	3.82e7	2.48e7	7071.0	NO	202.347
123478-HxCDF	35.731	1.000	2.05e6	1.66e6	1.141	1.230	1.240	5555	5079	3.11e7	2.52e7	5594.6	NO	199.609
234678-HxCDF	36.827	1.001	2.01e6	1.66e6	1.181	1.214	1.240	5555	5079	3.03e7	2.44e7	5453.9	NO	201.749
123678-HxCDF	35.884	1.001	2.14e6	1.74e6	1.089	1.233	1.240	5555	5079	3.20e7	2.59e7	5768.8	NO	201.346
123789-HxCDF	37.945	1.001	1.57e6	1.27e6	1.110	1.238	1.240	5555	5079	2.39e7	1.93e7	4299.3	NO	199.095
1234678-HpCDF	40.049	1.000	1.76e6	1.70e6	1.267	1.032	1.050	4944	4728	2.58e7	2.51e7	5218.6	NO	204.727
1234789-HpCDF	42.833	1.001	1.15e6	1.11e6	1.295	1.031	1.050	4944	4728	1.44e7	1.40e7	2920.7	NO	196.174
OCDF	48.315	1.007	1.58e6	1.72e6	1.067	0.915	0.890	2836	2613	1.51e7	1.67e7	5315.5	NO	398.952
2378-TCDD	27.169	1.001	3.02e5	3.84e5	1.150	0.786	0.770	1508	1487	4.42e6	5.67e6	2929.3	NO	40.027
12378-PeCDD	32.289	1.000	1.58e6	1.00e6	1.017	1.570	1.550	1819	1308	2.36e7	1.51e7	12986.3	NO	198.187
123478-HxCDD	36.958	1.000	1.45e6	1.15e6	1.017	1.256	1.240	2632	4343	2.20e7	1.75e7	8359.1	NO	204.695
123678-HxCDD	37.090	1.001	1.43e6	1.15e6	0.964	1.246	1.240	2632	4343	2.16e7	1.72e7	8189.9	NO	199.217
123789-HxCDD	37.507	1.012	1.34e6	1.10e6	0.948	1.222	1.240	2632	4343	2.07e7	1.68e7	7851.7	NO	198.138
1234678-HpCDD	41.913	1.001	1.07e6	1.04e6	1.051	1.024	1.050	2934	2948	1.39e7	1.35e7	4728.7	NO	197.170
OCDD	48.028	1.001	1.49e6	1.67e6	1.030	0.897	0.890	2749	2643	1.44e7	1.62e7	5248.1	NO	395.737
13C-2378-TCDF	26.511	1.007	1.13e6	1.46e6	1.515	0.774	0.770	5831	2901	1.65e7	2.11e7	2827.8	NO	99.248
13C-12378-PeCDF	30.678	1.165	1.34e6	8.45e5	1.276	1.583	1.550	2985	4560	2.00e7	1.26e7	6706.7	NO	98.963
13C-23478-PeCDF	32.015	1.216	1.30e6	8.16e5	1.257	1.592	1.550	2985	4560	1.93e7	1.23e7	6453.1	NO	97.359
13C-123478-HxCDF	35.720	0.953	5.56e5	1.07e6	1.431	0.518	0.510	2840	3768	8.30e6	1.58e7	2923.5	NO	99.037
13C-123678-HxCDF	35.862	0.956	6.04e5	1.17e6	1.552	0.518	0.510	2840	3768	9.04e6	1.73e7	3183.4	NO	99.141
13C-234678-HxCDF	36.805	0.982	5.23e5	1.01e6	1.349	0.516	0.510	2840	3768	7.91e6	1.53e7	2785.6	NO	99.132
13C-123789-HxCDF	37.923	1.011	4.40e5	8.41e5	1.111	0.523	0.510	2840	3768	6.80e6	1.32e7	2393.4	NO	100.250
13C-1234678-HpCDF	40.039	1.068	4.18e5	9.16e5	1.160	0.456	0.440	1779	2502	6.15e6	1.33e7	3456.4	NO	100.001
13C-1234789-HpCDF	42.812	1.142	2.76e5	6.14e5	0.758	0.450	0.440	1779	2502	3.41e6	7.49e6	1917.1	NO	102.172
13C-12334-TCDD	26.332	0.000	7.65e5	9.63e5	1.000	0.794	0.770	2731	1678	1.14e7	1.45e7	4191.6	NO	100.000
13C-2378-TCDD	27.139	1.031	6.59e5	8.30e5	0.872	0.794	0.770	2731	1678	9.46e6	1.20e7	3464.8	NO	98.829
13C-2378-PeCDD	32.278	1.226	7.89e5	4.92e5	0.754	1.604	1.550	1108	1181	1.18e7	7.33e6	10616.1	NO	98.294
13C-123478-HxCDD	36.948	0.985	7.00e5	5.51e5	1.106	1.270	1.240	2210	1210	1.06e7	8.31e6	4808.7	NO	98.308
13C-123678-HxCDD	37.068	0.989	7.46e5	5.97e5	1.165	1.249	1.240	2210	1210	1.09e7	8.71e6	4932.1	NO	100.218
13C-1234678-HpCDD	41.891	1.117	5.13e5	5.05e5	0.872	1.015	1.050	2225	2050	6.65e6	6.44e6	2987.9	NO	101.415
13C-OCDD	48.001	1.280	7.35e5	8.15e5	0.655	0.902	0.890	2155	1947	7.27e6	7.94e6	3373.0	NO	205.607

Quantify Sample Summary Report **MassLynx MassLynx V4.1 SCN909**

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
13C-123789-HxCDD	37.496	0.000	6.38e5	5.12e5	1.000	1.245	1.240	2210	1210	9.96e6	7.92e6	4505.4	NO	100.000
Total-tetrafurans			4.38e5	0.924			1114			6.48e6				41.953
Total-penta1			4.33e3				491			5.92e4				0.347
Total-pentafurans			5.10e6	0.960			5404			7.77e7				409.902
Total-hexafurans			7.78e6	1.130			5555			1.18e8				803.146
Total-heptafurans			2.91e6	1.281			4944			4.03e7				401.423
Total-Furans			1.78e7	1.100			1114			2.57e8				2055.723
Total-tetra-dioxins			3.12e5	1.150			1508			4.53e6				41.359
Total-penta-dioxins			1.59e6	1.017			1819			2.38e7				199.381
Total-hexa-dioxins			4.22e6	0.977			2632			6.43e7				602.429
Total-hepta-dioxins			1.07e6	1.051			2934			1.40e7				198.510
Total-Dioxins			8.69e6	1.025			1508			1.21e8				1437.416
Total-TEQ			2.65e7				1508			3.78e8				3493.139
37CL-2378-TCDD	27.169	1.032	7.18e5	1.073			1189			1.06e7		8911.6		38.706
FUNCTION1 PFK			2.66e5				426831			5.54e6				
FUNCTION2 PFK			5.51e4				102575			1.97e6				0.000
FUNCTION3 PFK			9.75e5				318442			2.15e7				0.000
FUNCTION4 PFK			5.32e5				287399			1.41e7				
FUNCTION5 PFK			2.90e5				217521			9.35e6				
FUNCTION1 HXCDPE			7.06e1				341			2.27e3				0.000
FUNCTION1 HPCDPE			4.60e2				523			1.10e4				0.000
FUNCTION2 HPCDPE			3.36e3				622			5.87e4				0.000
FUNCTION3 OCDPE			0.00e0				257			0.00e0				
FUNCTION4 NCDPE			8.64e1				380			2.27e3				0.000
FUNCTION5 DCDPE			0.00e0				156			0.00e0				

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

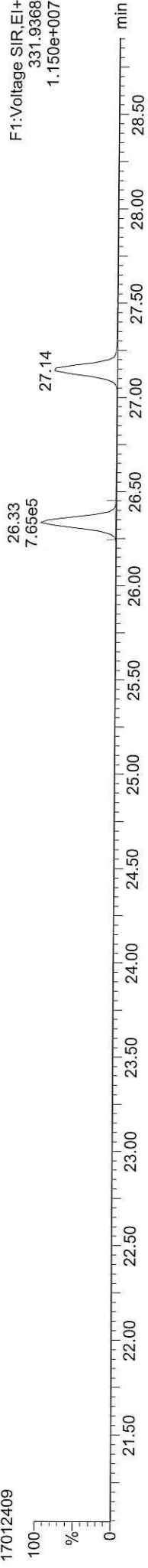
Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170112.mdb 12 Jan 2017 14:01:03
Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170124\CAL.cdb 25 Jan 2017 09:33:34

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

13C-1234-TCDD

17012409



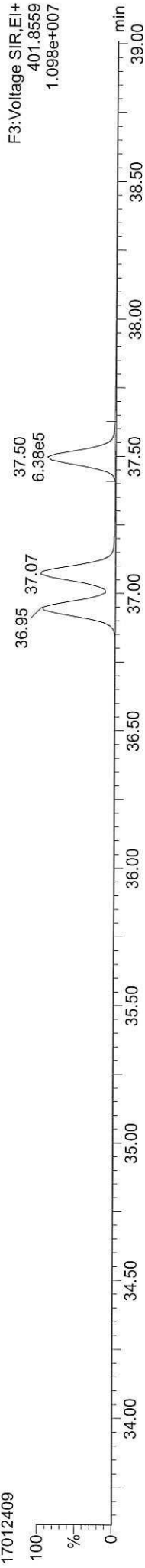
13C-1234-TCDD

17012409



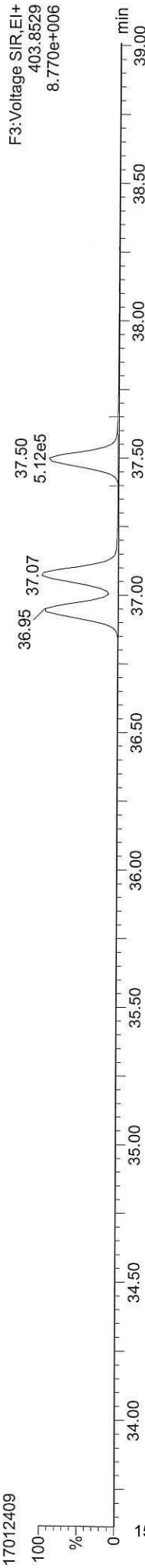
13C-123789-HxCDD

17012409



13C-123789-HxCDD

17012409



Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

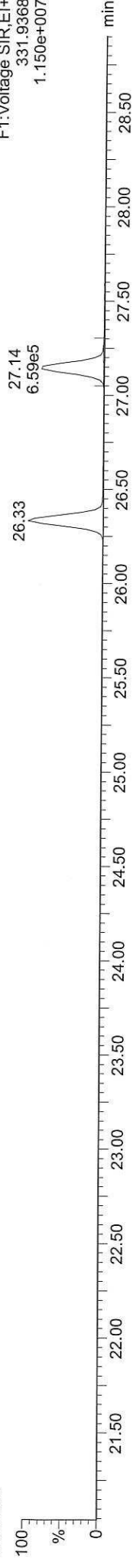
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

13C-2378-TCDD

17012409



13C-2378-TCDD

17012409



Total-tetradoxins

17012409



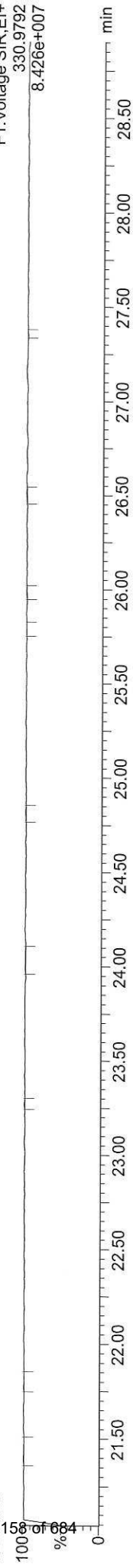
Total-tetradoxins

17012409



FUNCTION1 PFK

17012409



Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

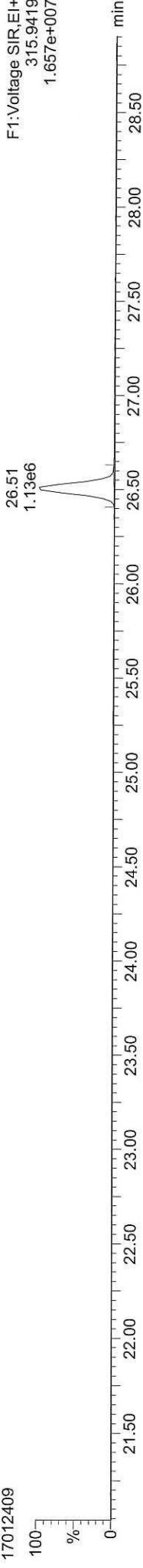
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

13C-2378-TCDF

17012409



13C-2378-TCDF

17012409



Total-tetrafurans

17012409



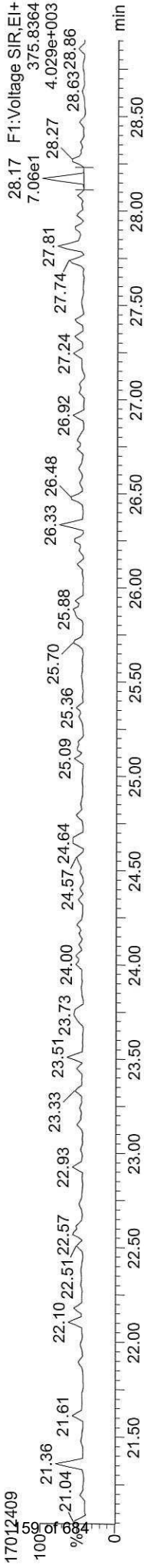
Total-tetrafurans

17012409



FUNCTION1 HXCDPE

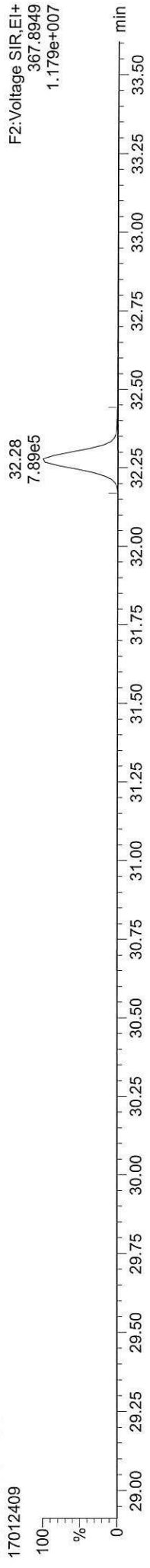
17012409



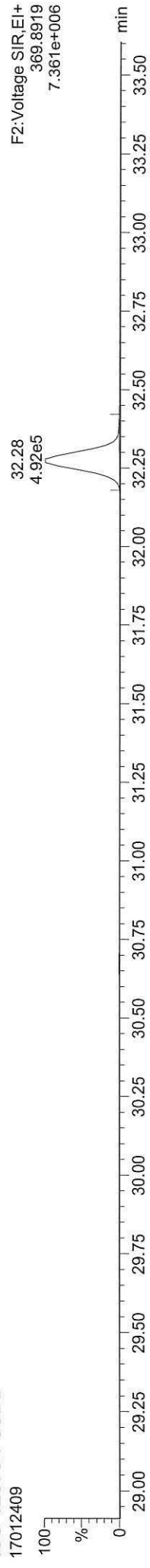
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

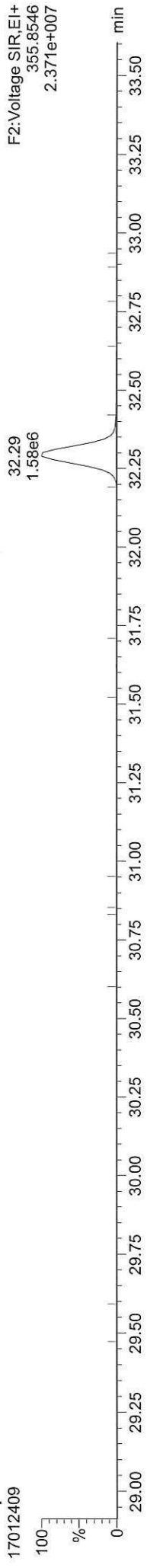
13C-12378-PeCDD



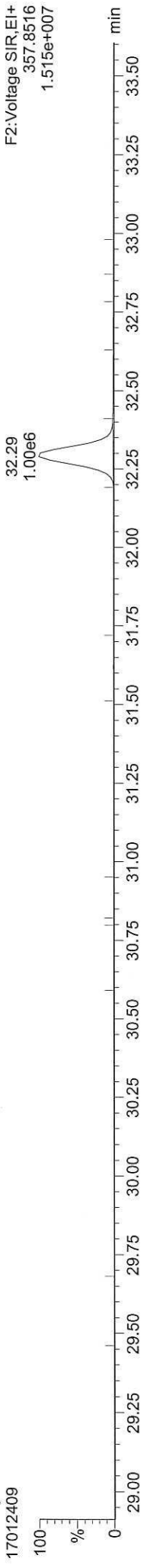
13C-12378-PeCDD



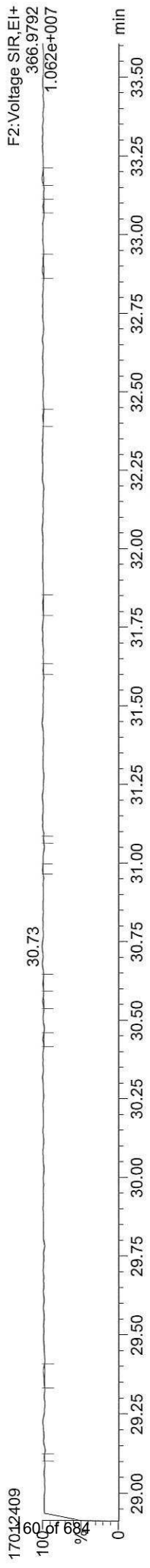
Total-pentadioxins



Total-pentadioxins

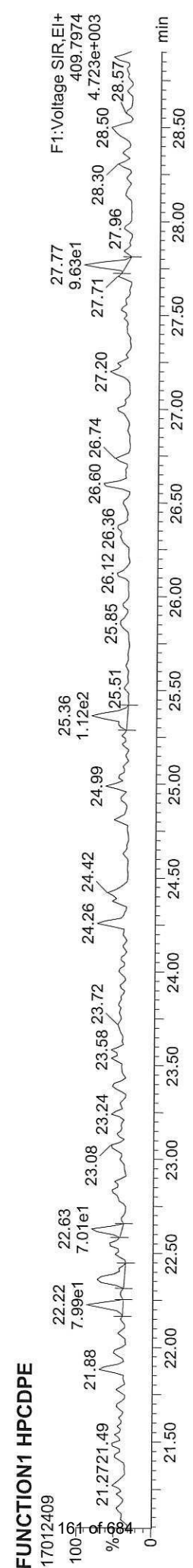
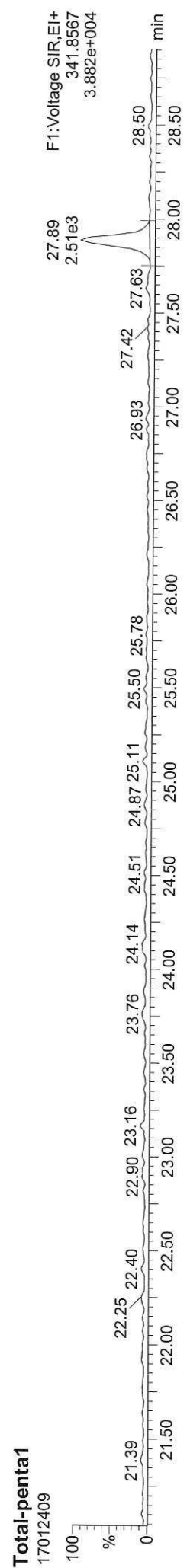
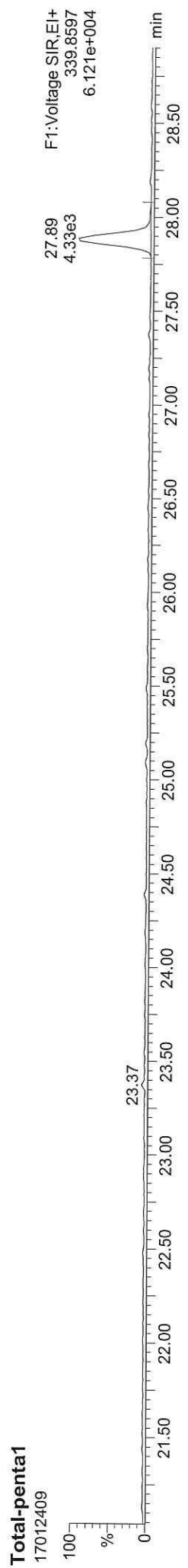
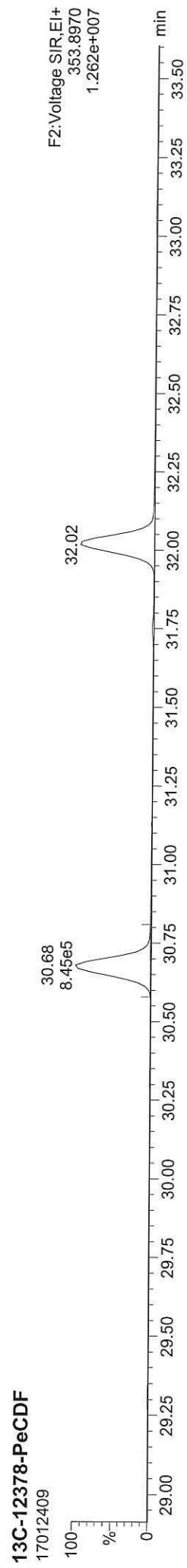
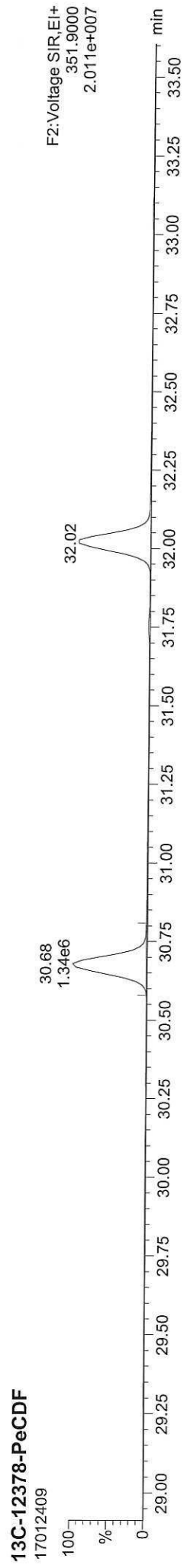


FUNCTION2 PFK



Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

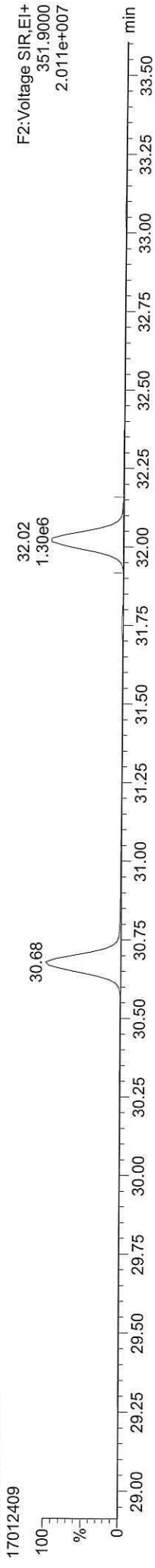


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

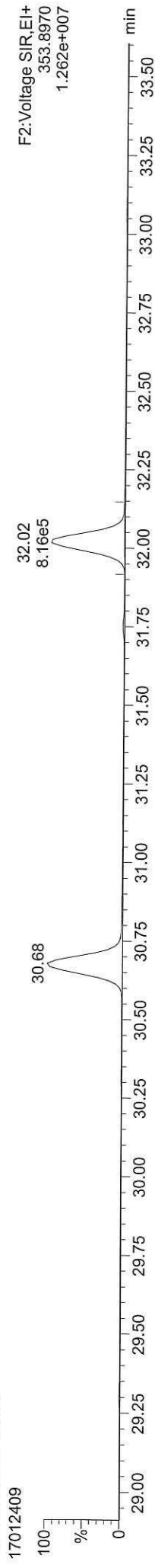
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

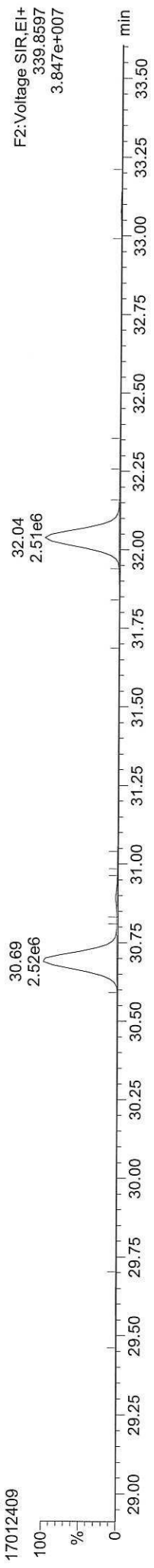
13C-23478-PeCDF



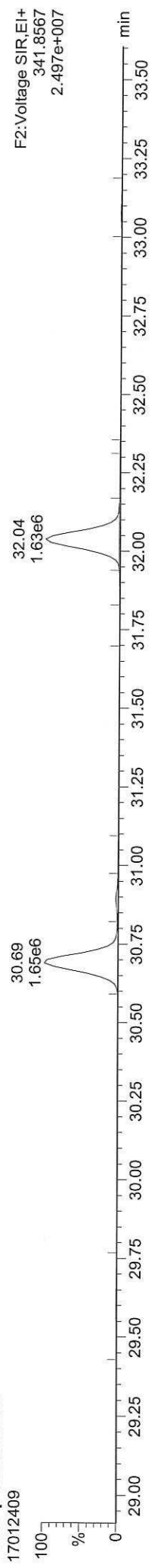
13C-23478-PeCDF



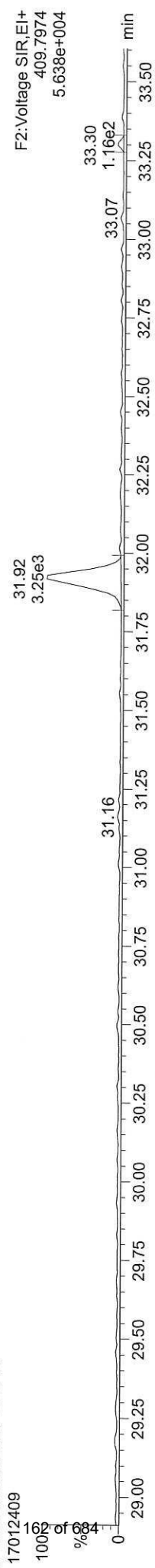
Total-pentafurans



Total-pentafurans



FUNCTION2 HPCDPE



Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

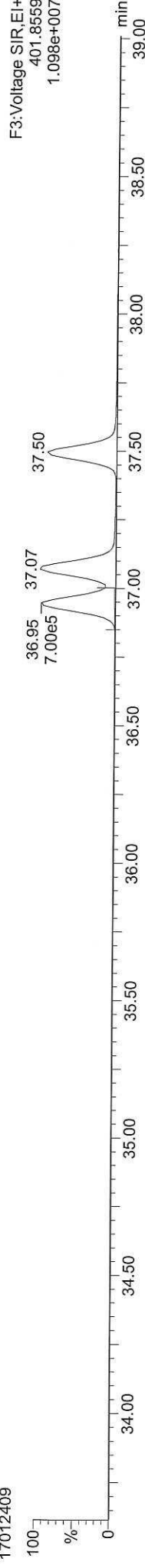
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

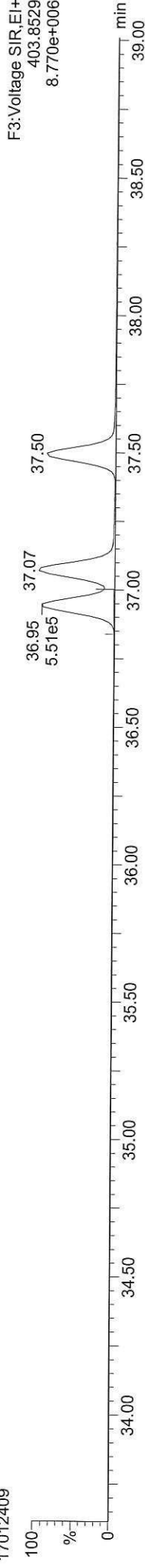
13C-123478-HxCDD

17012409



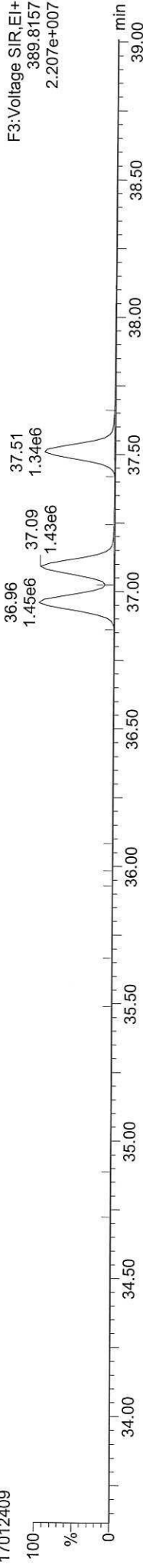
13C-123478-HxCDD

17012409



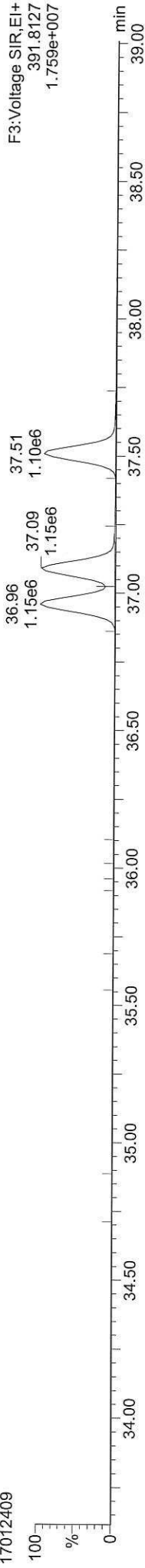
Total-hexadioxins

17012409



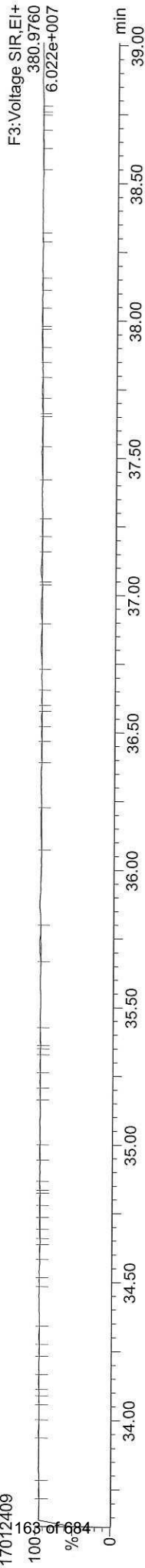
Total-hexadioxins

17012409



FUNCTION3 PFK

17012409



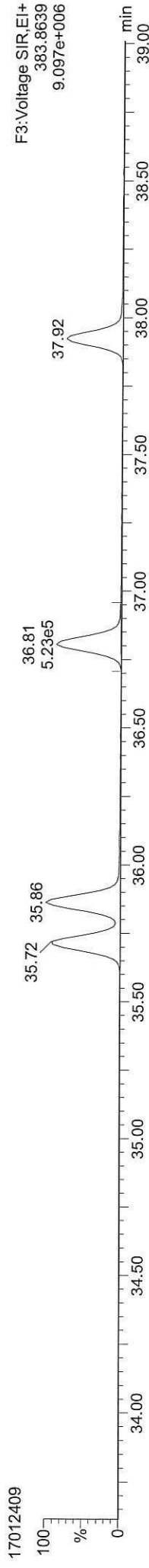
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

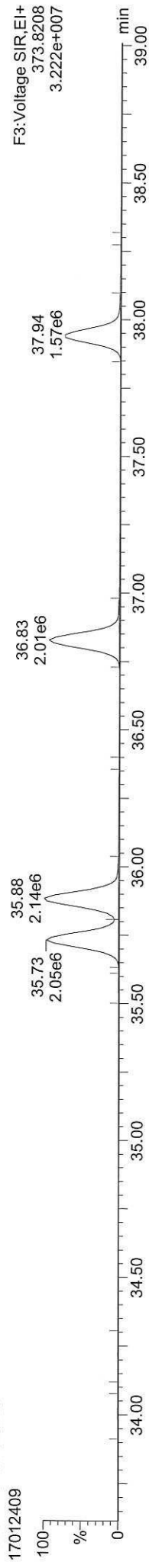
13C-234678-HxCDF



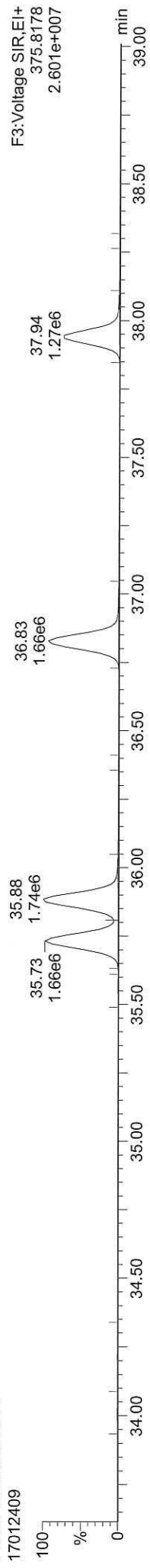
13C-234678-HxCDF



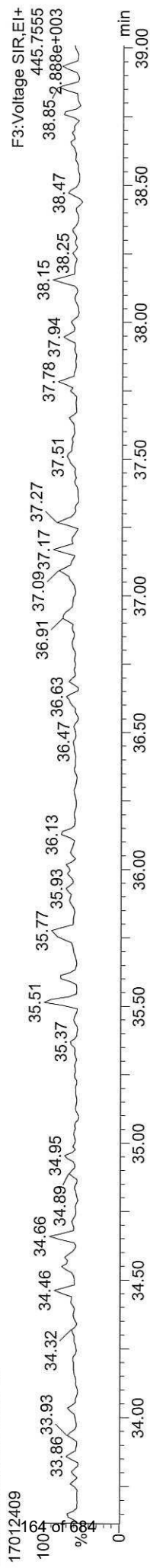
Total-hexafurans



Total-hexafurans



FUNCTION3 OCDFE

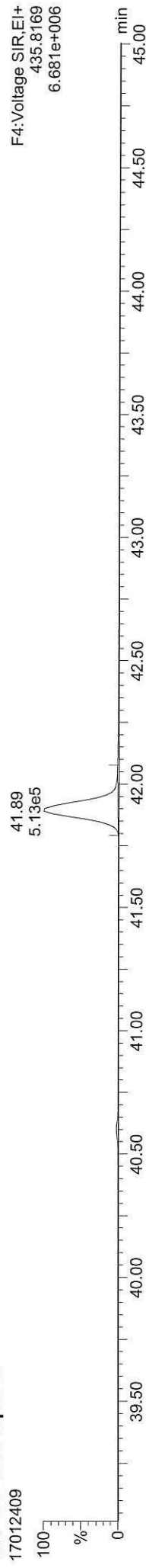


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

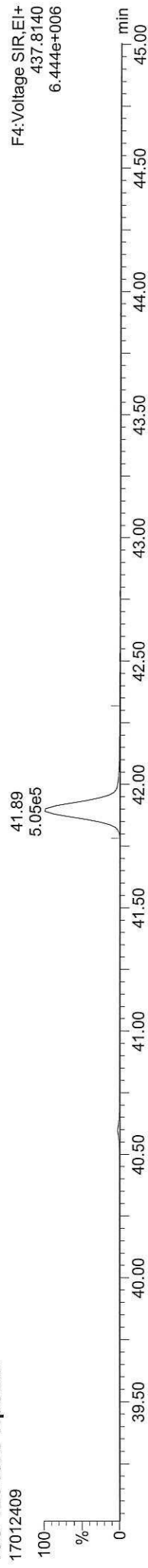
Dataset: C:\MassLynx\IDioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

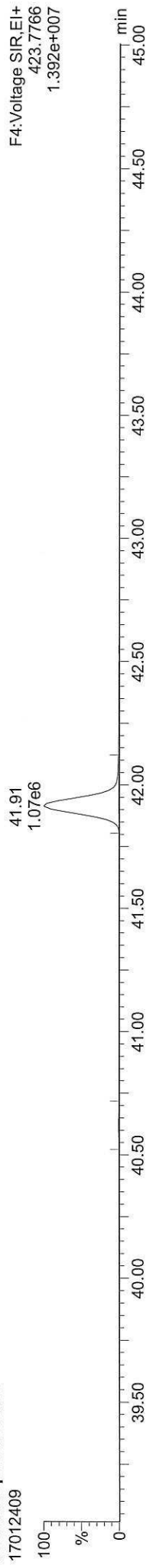
13C-1234678-HpCDD



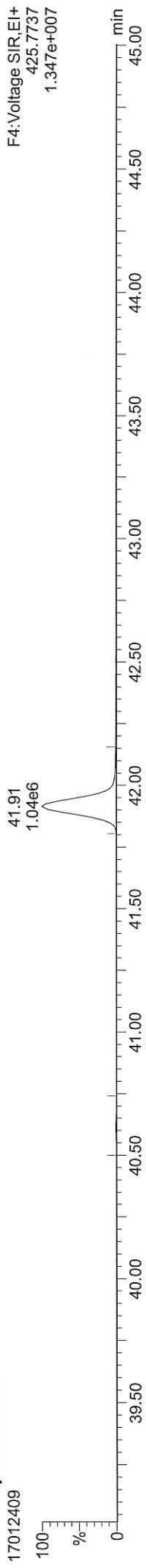
13C-1234678-HpCDD



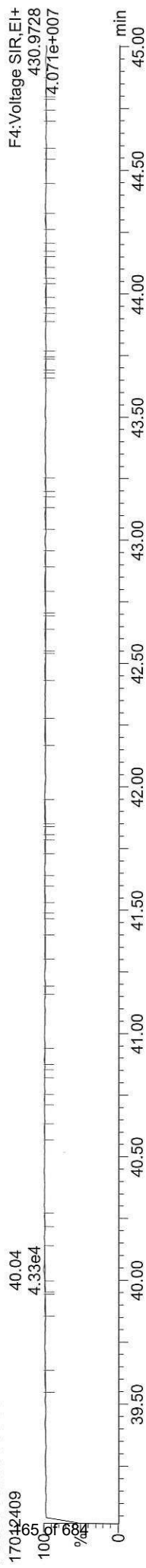
Total-heptadioxins



Total-heptadioxins



FUNCTION4 PFK



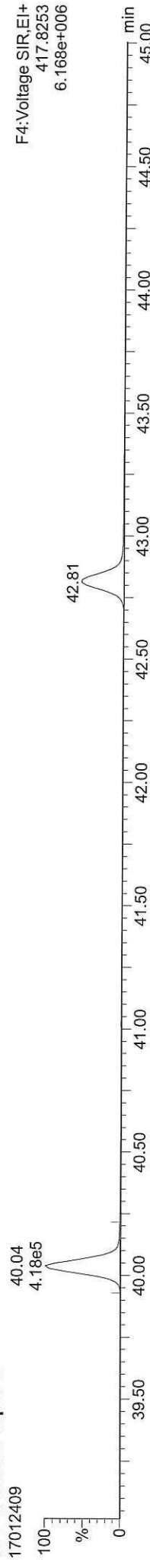
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

13C-1234678-HpCDF



13C-1234678-HpCDF



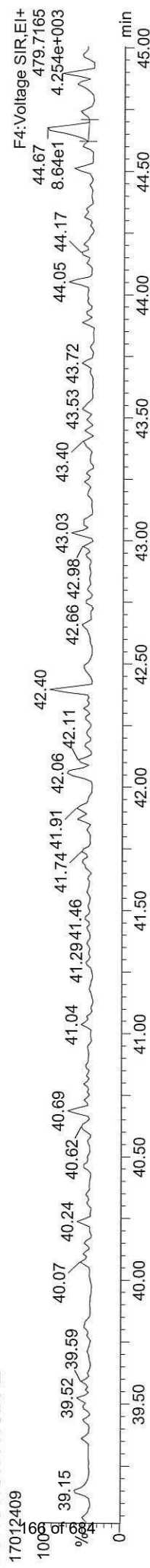
Total-heptafurans



Total-heptafurans



FUNCTION4 NCDPE



Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

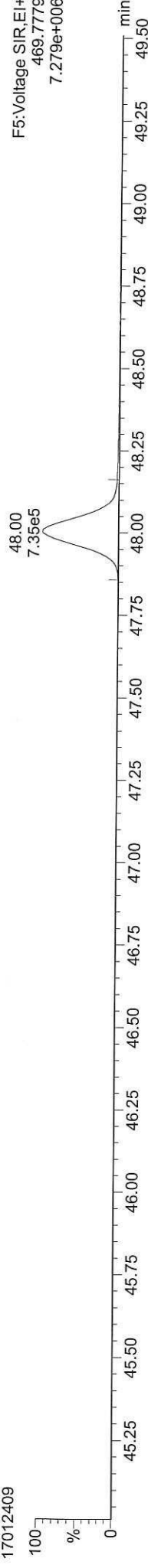
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

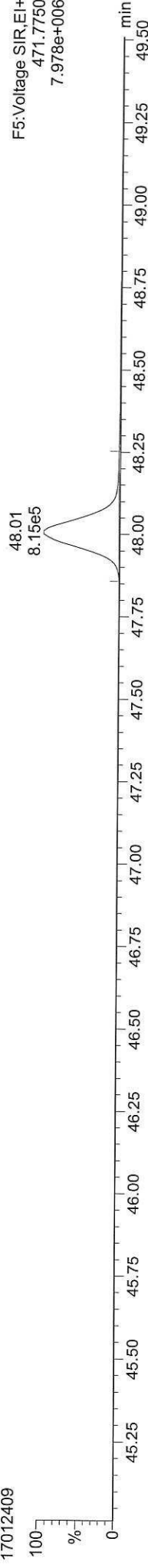
13C-OCDD

17012409



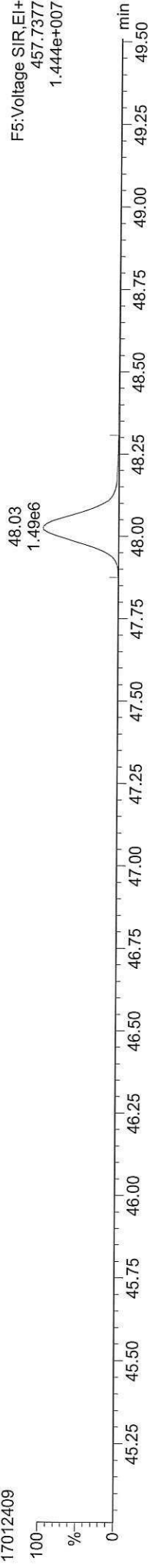
13C-OCDD

17012409



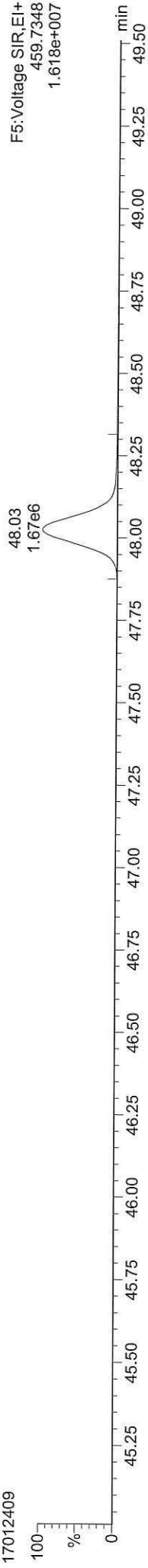
OCDD

17012409



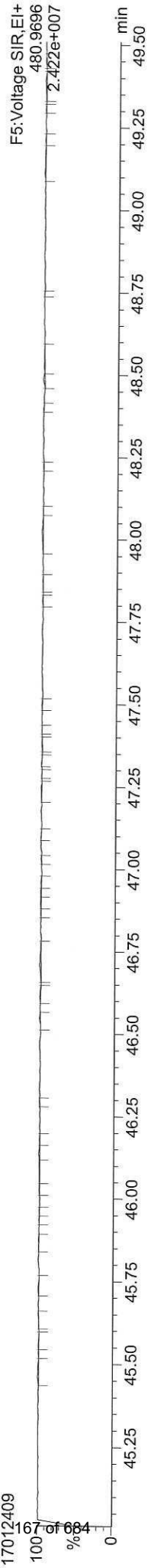
OCDD

17012409



FUNCTION5 PFK

17012409



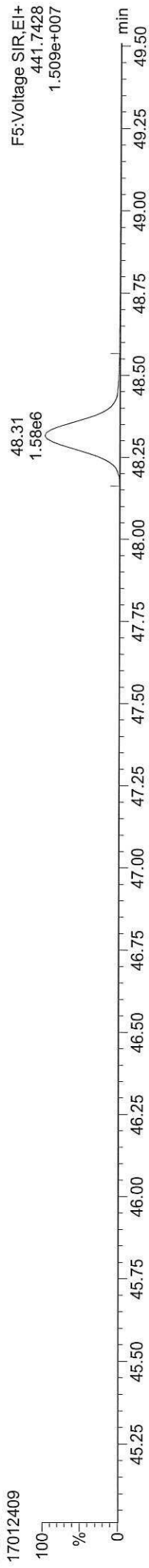
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:23 Pacific Standard Time

ID: CS4, Name: 17012409, Date: 24-Jan-2017, Time: 20:11:05, Conditions: AUTOSPEC01, User: pk

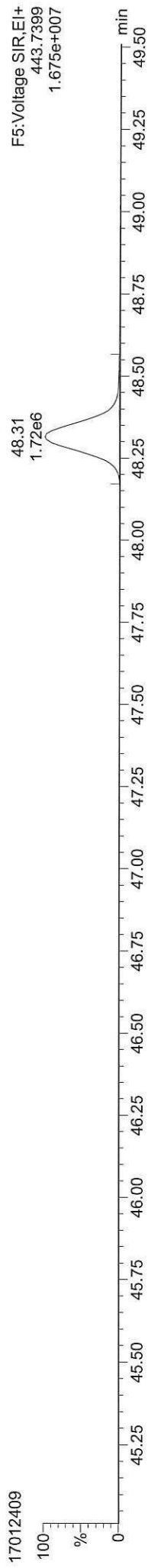
37CL-2378-TCDD



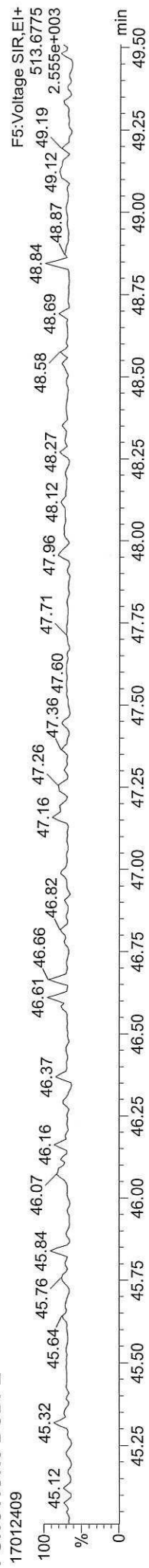
OCDF



OCDF



FUNCTION5 DCDPE



Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qtd

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:25 Pacific Standard Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170112.mdb 12 Jan 2017 14:01:03

Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170124\CAL.cdb 25 Jan 2017 09:33:34

ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
2378-TCDF	26.512	1.001	2.48e6	3.22e6	0.924	0.768	0.770	1653	2768	3.70e7	4.82e7	22373.8	NO	207.326
12378-PeCDF	30.689	1.001	1.63e7	1.05e7	0.954	1.548	1.550	6141	5685	2.50e8	1.60e8	40658.5	NO	1017.724
23478-PeCDF	32.026	1.000	1.63e7	1.06e7	0.966	1.544	1.550	6141	5685	2.54e8	1.65e8	41393.8	NO	1026.528
123478-HxCDF	35.731	1.001	1.34e7	1.09e7	1.141	1.237	1.240	7449	8474	2.06e8	1.66e8	27592.9	NO	1014.201
234678-HxCDF	36.816	1.000	1.36e7	1.10e7	1.181	1.237	1.240	7449	8474	2.07e8	1.68e8	27850.9	NO	1023.445
123678-HxCDF	35.874	1.000	1.40e7	1.13e7	1.089	1.240	1.240	7449	8474	2.17e8	1.76e8	29087.5	NO	1007.971
123789-HxCDF	37.934	1.000	1.11e7	8.96e6	1.110	1.234	1.240	7449	8474	1.82e8	1.47e8	24429.0	NO	1015.971
1234678-HpCDF	40.050	1.001	1.18e7	1.14e7	1.267	1.032	1.050	8054	8881	1.77e8	1.70e8	22015.1	NO	1034.534
1234789-HpCDF	42.823	1.000	8.35e6	8.01e6	1.295	1.042	1.050	8054	8881	1.07e8	1.03e8	13342.4	NO	1018.561
OCDF	48.315	1.007	1.23e7	1.37e7	1.067	0.902	0.890	3908	5074	1.27e8	1.41e8	32375.4	NO	2135.231
2378-TCDD	27.154	1.001	1.83e6	2.30e6	1.150	0.794	0.770	1238	1364	2.72e7	3.45e7	21950.4	NO	206.303
12378-PeCDD	32.289	1.001	1.03e7	6.62e6	1.017	1.552	1.550	2061	1990	1.60e8	1.02e8	77687.0	NO	1019.539
123478-HxCDD	36.959	1.001	9.62e6	7.67e6	1.017	1.253	1.240	4033	4073	1.51e8	1.19e8	37403.7	NO	1006.498
123678-HxCDD	37.079	1.000	9.49e6	7.62e6	0.964	1.246	1.240	4033	4073	1.45e8	1.17e8	36069.3	NO	1027.377
123789-HxCDD	37.507	1.012	9.23e6	7.40e6	0.948	1.248	1.240	4033	4073	1.49e8	1.19e8	37012.0	NO	1026.871
1234678-HpCDD	41.902	1.000	7.35e6	7.04e6	1.051	1.044	1.050	5154	6366	9.84e7	9.50e7	19097.6	NO	1013.767
OCDD	48.019	1.000	1.10e7	1.23e7	1.030	0.897	0.890	2671	4535	1.15e8	1.28e8	43101.5	NO	1982.713
13C-2378-TCDF	26.497	1.006	1.31e6	1.67e6	1.515	0.784	0.770	4775	2645	1.96e7	2.48e7	4098.5	NO	107.043
13C-12378-PeCDF	30.667	1.165	1.69e6	1.07e6	1.276	1.587	1.550	3800	2402	2.57e7	1.62e7	6755.4	NO	117.963
13C-23478-PeCDF	32.015	1.216	1.65e6	1.05e6	1.257	1.572	1.550	3800	2402	2.54e7	1.63e7	6684.5	NO	117.363
13C-123478-HxCDF	35.709	0.953	7.16e5	1.38e6	1.431	0.518	0.510	2089	3347	1.11e7	2.12e7	5301.0	NO	94.259
13C-123678-HxCDF	35.862	0.957	7.92e5	1.52e6	1.552	0.521	0.510	2089	3347	1.19e7	2.25e7	5700.0	NO	95.757
13C-234678-HxCDF	36.805	0.982	6.93e5	1.34e6	1.349	0.516	0.510	2089	3347	1.06e7	2.01e7	5063.0	NO	97.028
13C-123789-HxCDF	37.923	1.012	6.12e5	1.16e6	1.111	0.526	0.510	2089	3347	9.80e6	1.84e7	4693.6	NO	102.620
13C-1234678-HpCDF	40.028	1.068	5.51e5	1.22e6	1.160	0.453	0.440	2247	2098	8.18e6	1.82e7	3641.2	NO	98.006
13C-1234789-HpCDF	42.812	1.142	3.83e5	8.57e5	0.758	0.447	0.440	2247	2098	4.83e6	1.08e7	2148.9	NO	105.202
13C-1234-TCDD	26.332	0.000	8.13e5	1.02e6	1.000	0.795	0.770	2655	1232	1.18e7	1.47e7	4442.7	NO	100.000
13C-2378-TCDD	27.139	1.031	7.71e5	9.70e5	0.872	0.794	0.770	2655	1232	1.14e7	1.44e7	4303.3	NO	108.758
13C-2378-PeCDD	32.267	1.225	9.99e5	6.30e5	0.754	1.585	1.550	1406	1058	1.55e7	9.75e6	11020.1	NO	117.712
13C-123478-HxCDD	36.937	0.985	9.48e5	7.41e5	1.106	1.280	1.240	2667	1678	1.47e7	1.14e7	5501.5	NO	98.130
13C-123678-HxCDD	37.068	0.989	9.62e5	7.65e5	1.165	1.258	1.240	2667	1678	1.48e7	1.18e7	5539.8	NO	95.324
13C-1234678-HpCDD	41.891	1.118	6.95e5	6.56e5	0.872	1.060	1.050	2093	2150	9.42e6	8.91e6	4502.0	NO	99.568
13C-OCDD	48.001	1.281	1.08e6	1.20e6	0.655	0.904	0.890	1828	1153	1.11e7	1.23e7	6054.8	NO	223.933

Dataset: C:\MassLynx\170124\ICAL.qld
 Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
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ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
13C-123789-HxCDD	37.485	0.000	8.66e5	6.89e5	1.000	1.257	1.240	2667	1678	1.37e7	1.09e7	5138.3	NO	100.000
Total-tetrafurans			2.52e6		0.924			1653		3.77e7				211.170
Total-penta1			5.36e2					574		8.66e3				0.034
Total-pentafurans			3.31e7		0.960			6141		5.12e8				2075.029
Total-hexafurans			5.22e7		1.130			7449		8.13e8				4068.868
Total-heptafurans			2.01e7		1.281			8054		2.85e8				2055.274
Total-Furans			1.20e8		1.100			1653		1.77e9				10545.605
Total-tetradioxins			1.87e6		1.150			1238		2.78e7				211.619
Total-pentadioxins			1.03e7		1.017			2061		1.61e8				1021.931
Total-hexadioxins			2.83e7		0.977			4033		4.46e8				3060.977
Total-heptadioxins			7.38e6		1.051			5154		9.88e7				1017.718
Total-Dioxins			5.89e7		1.025			1238		8.48e8				7294.981
Total-TEQ			1.79e8					1238		2.62e9				17840.586
37CL-2378-TCDD	27.154	1.031	4.29e6		1.073			1792		6.42e7		35829.5		218.109
FUNCTION1 PFK			9.56e7					398640		6.84e8				
FUNCTION2 PFK			2.72e5					120561		7.47e6				0.000
FUNCTION3 PFK			1.96e6					384493		2.63e7				0.000
FUNCTION4 PFK			4.03e5					253764		5.12e6				
FUNCTION5 PFK			0.00e0					195949		0.00e0				
FUNCTION1 HXCDPE			0.00e0					467		0.00e0				
FUNCTION1 HPCDPE			7.09e1					529		9.23e2				0.000
FUNCTION2 HPCDPE			1.81e4					529		2.83e5				0.000
FUNCTION3 OCDPE			0.00e0					287		0.00e0				
FUNCTION4 NCDPE			7.05e1					528		2.54e3				0.000
FUNCTION5 DCDPE			0.00e0					259		0.00e0				

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

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Printed: Wednesday, January 25, 2017 09:38:25 Pacific Standard Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170112.mdb 12 Jan 2017 14:01:03
Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170124\CAL.cdb 25 Jan 2017 09:33:34

ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

13C-1234-TCDD

17012410



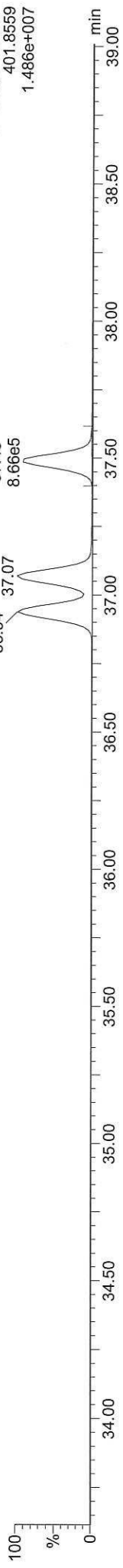
13C-1234-TCDD

17012410



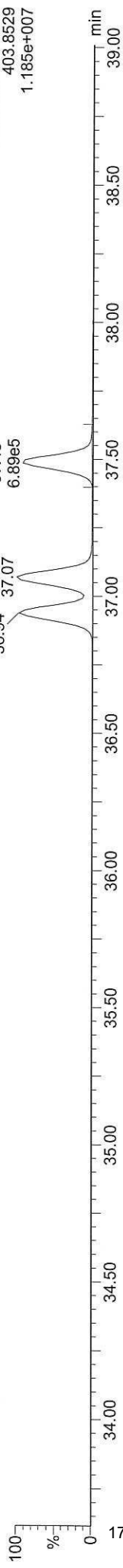
13C-123789-HxCDD

17012410



13C-123789-HxCDD

17012410



Quantify Sample Report

MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:25 Pacific Standard Time

ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

13C-2378-TCDD

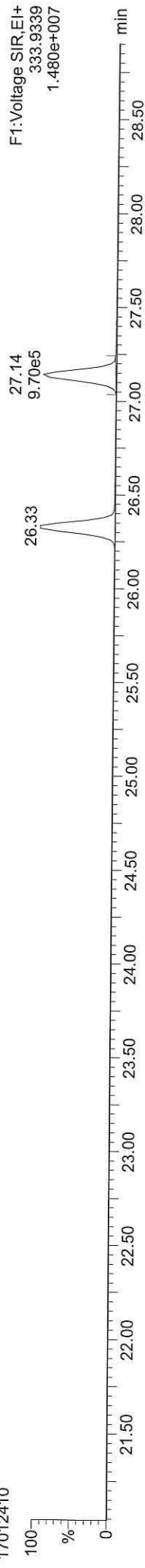
17012410



F1:Voltage SIR,EI+
331.9368
1.184e+007

13C-2378-TCDD

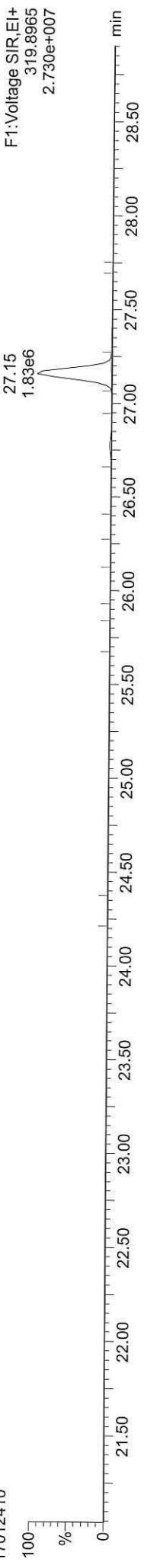
17012410



F1:Voltage SIR,EI+
333.9339
1.480e+007

Total-tetradoxins

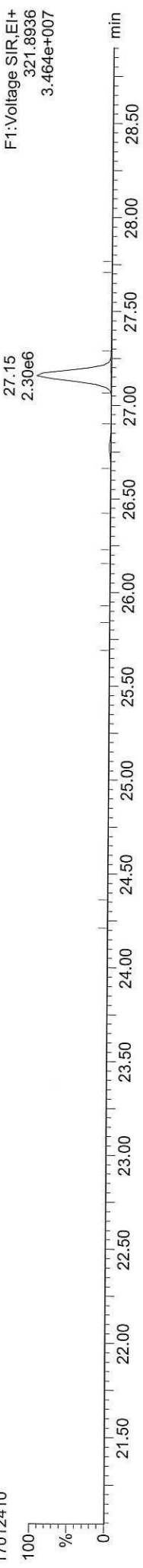
17012410



F1:Voltage SIR,EI+
319.8965
2.730e+007

Total-tetradoxins

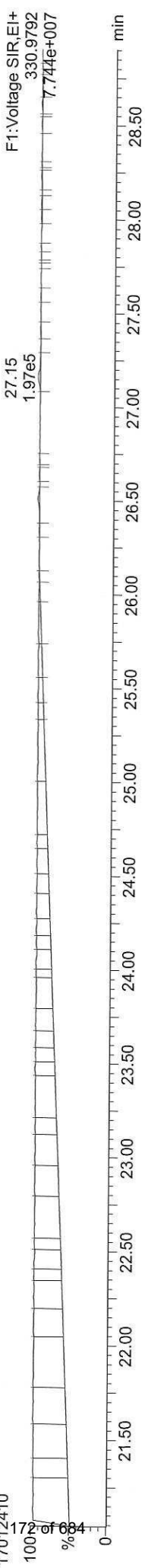
17012410



F1:Voltage SIR,EI+
321.8936
3.464e+007

FUNCTION1 PFK

17012410

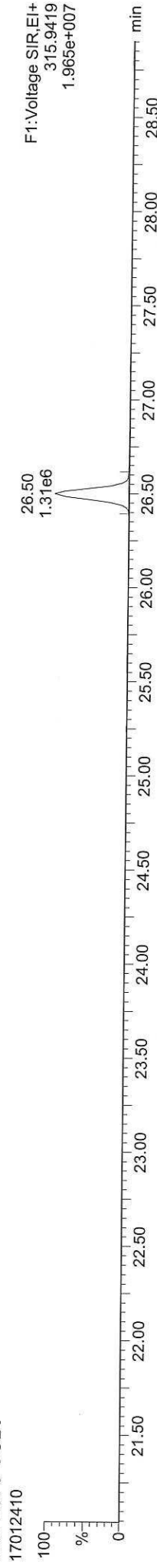


F1:Voltage SIR,EI+
330.9792
7.744e+007

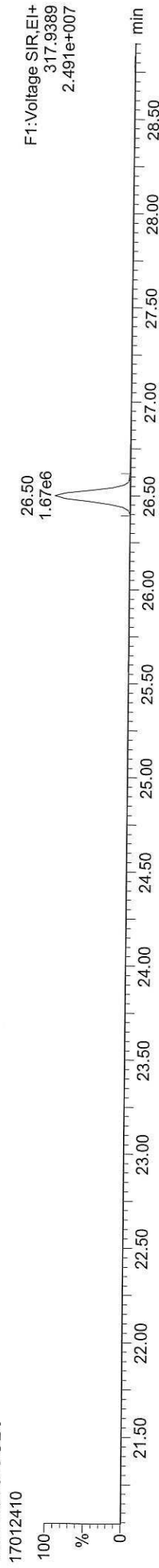
Dataset: C:\MassLynx\DIoxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:25 Pacific Standard Time

ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

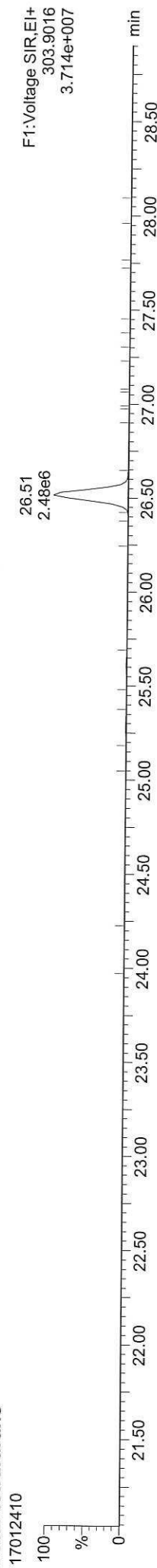
13C-2378-TCDF



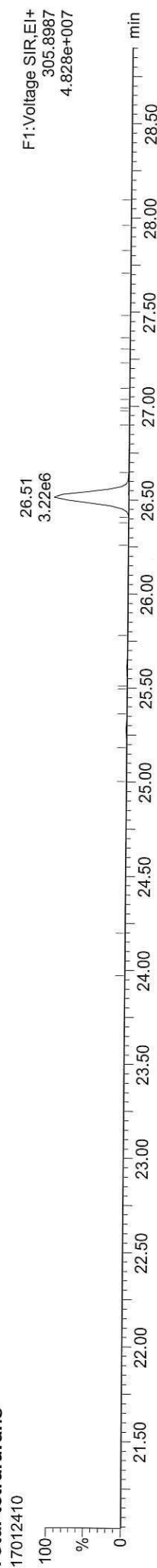
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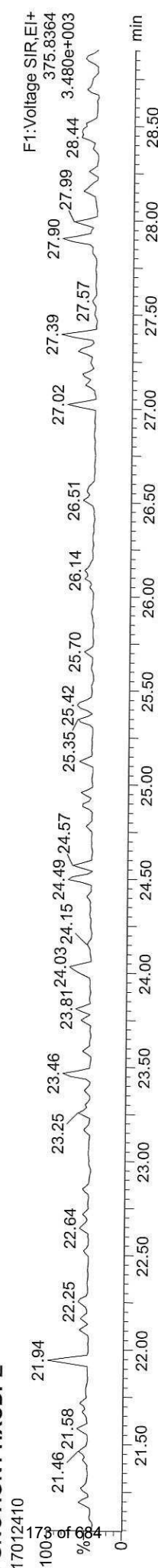
Total-tetrafurans



Total-tetrafurans



FUNCTION1 HXCDFE

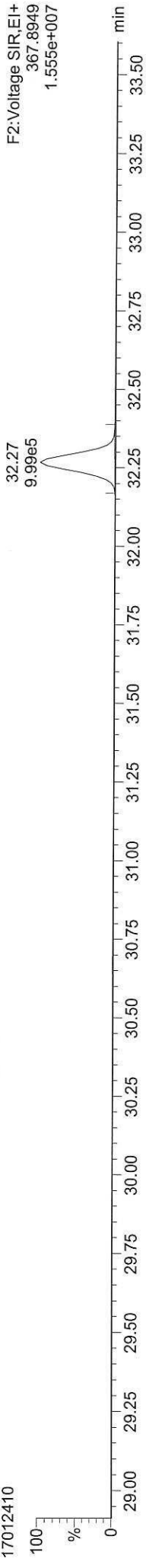


Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:25 Pacific Standard Time

ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

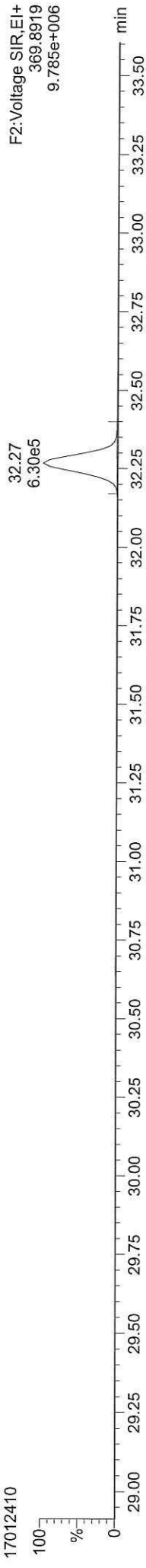
13C-12378-PeCDD

17012410



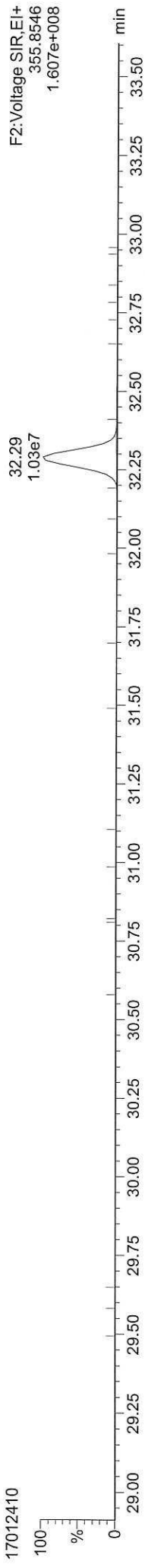
13C-12378-PeCDD

17012410



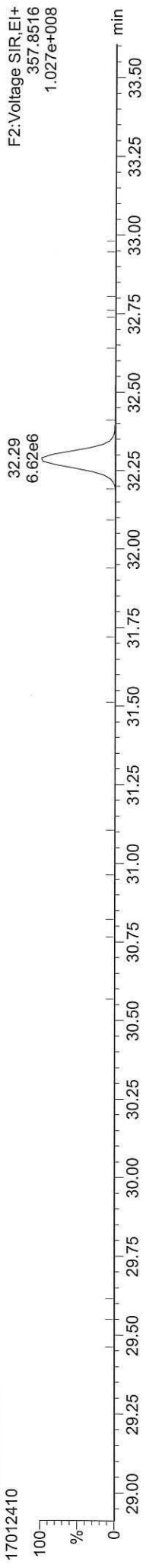
Total-pentadioxins

17012410



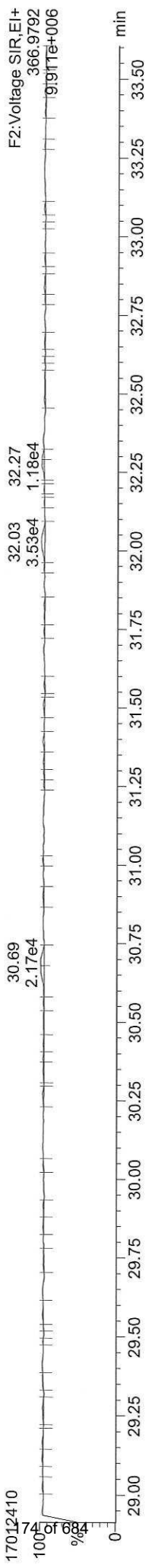
Total-pentadioxins

17012410



FUNCTION2 PFK

17012410



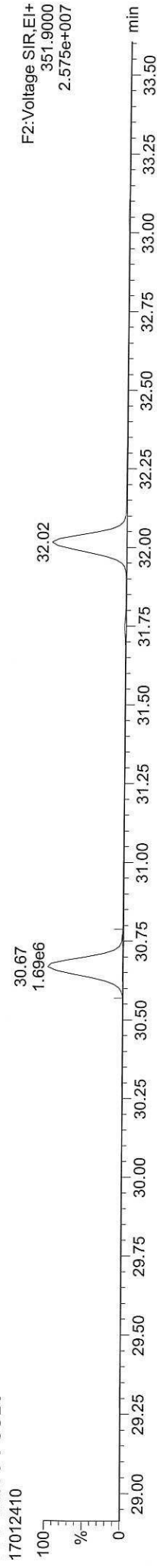
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Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

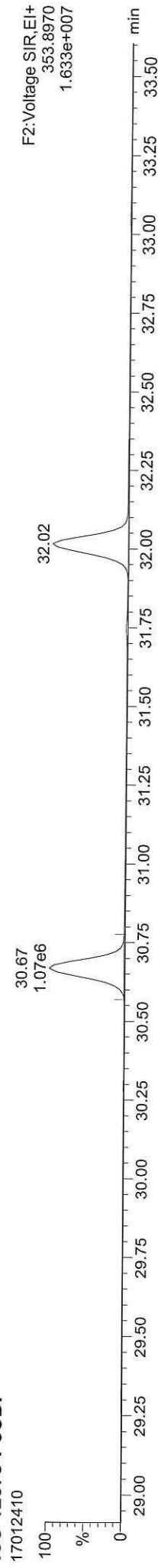
Printed: Wednesday, January 25, 2017 09:38:25 Pacific Standard Time

ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

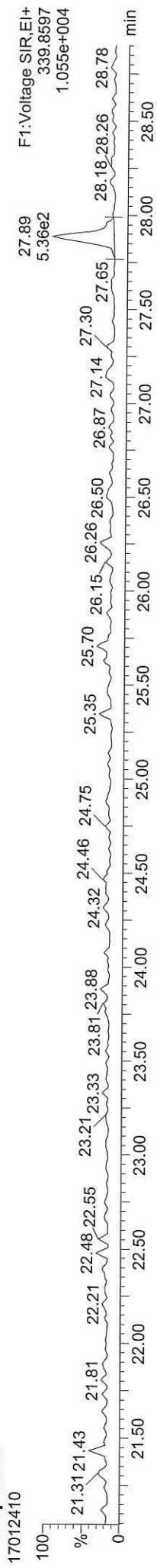
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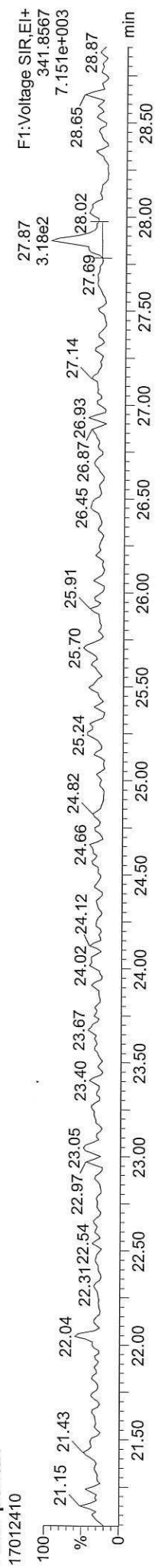
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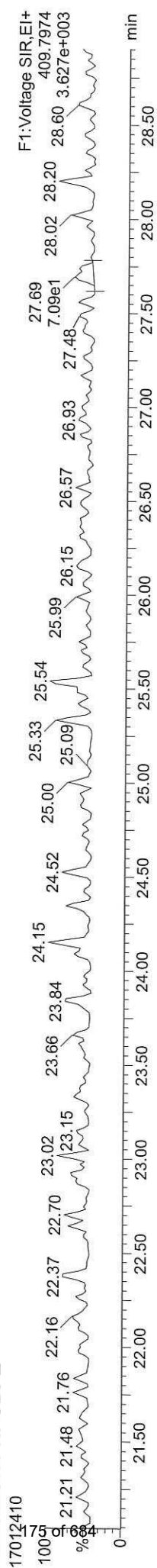
Total-penta1



Total-penta1



FUNCTION1 HPCDPE



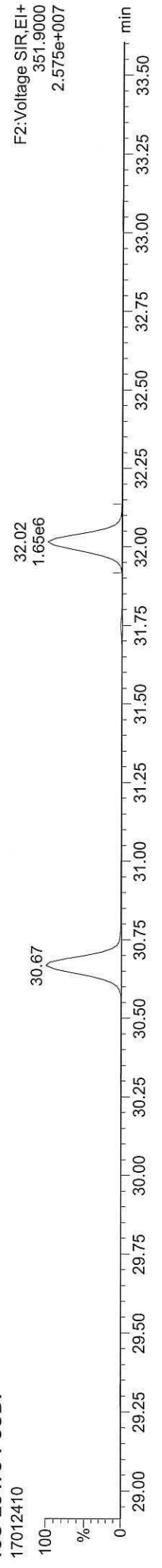
Dataset: C:\MassLynx\Dioxin.pro\170124\ICAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

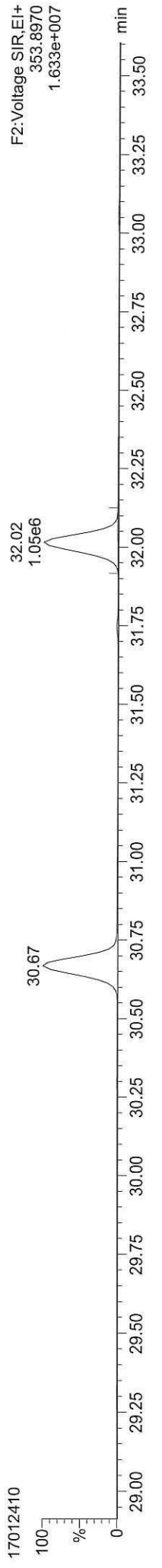
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ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

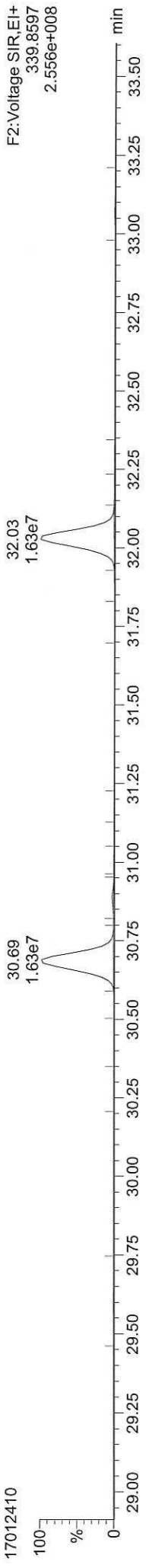
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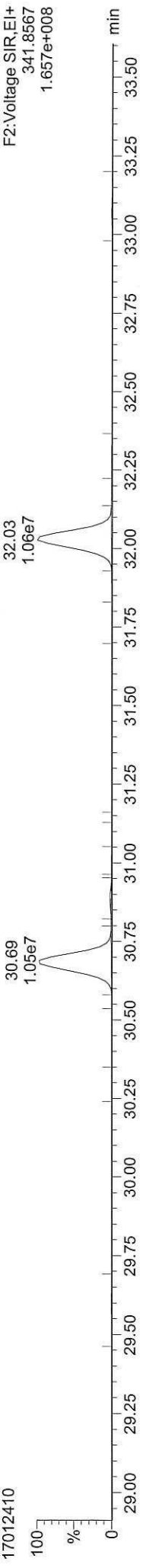
13C-23478-PeCDF



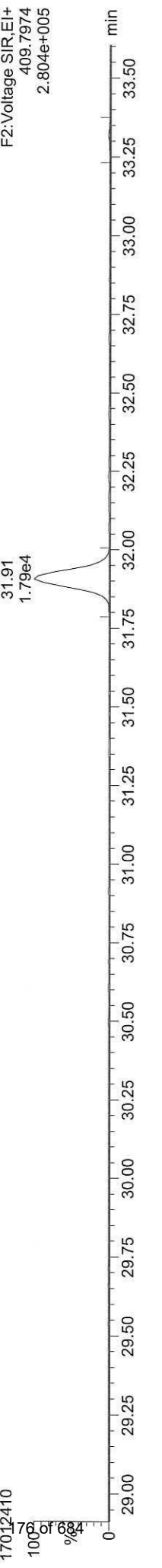
Total-pentafurans



Total-pentafurans



FUNCTION2 HPCDPE

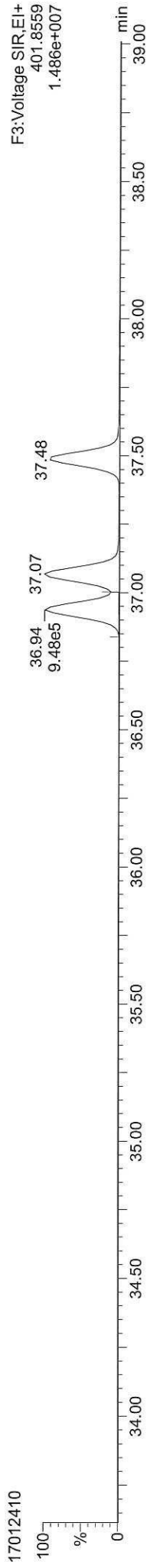


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:25 Pacific Standard Time

ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

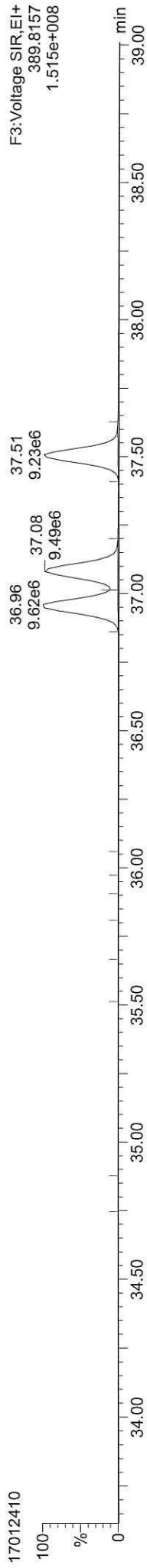
13C-123478-HxCDD



13C-123478-HxCDD



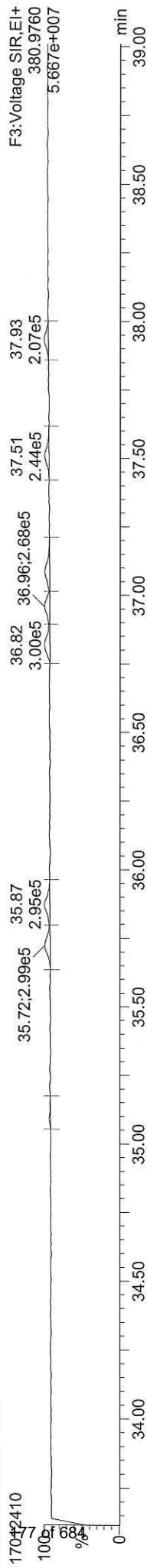
Total-hexadioxins



Total-hexadioxins



FUNCTION3 PFK



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld

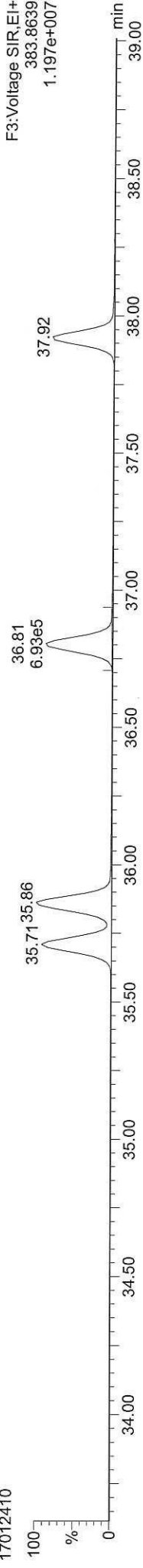
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ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

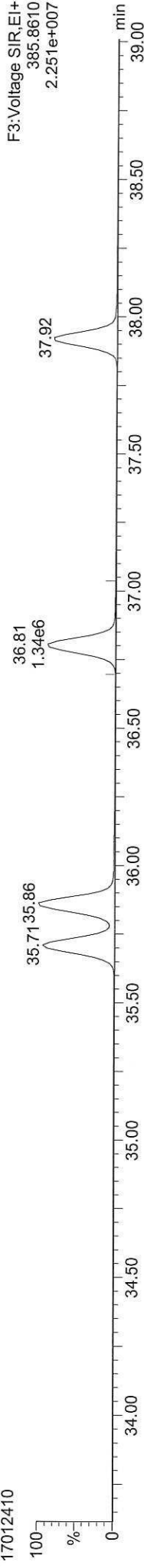
13C-234678-HxCDF

17012410



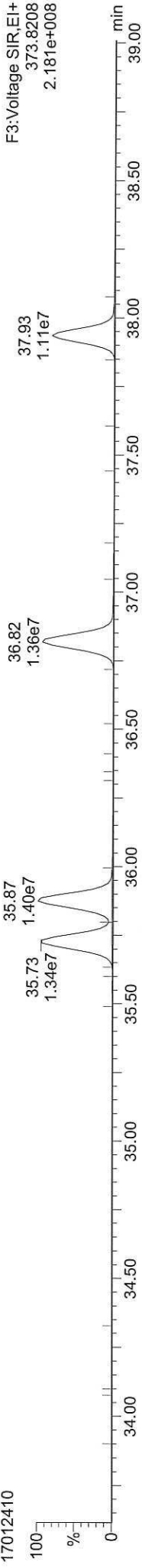
13C-234678-HxCDF

17012410



Total-hexafurans

17012410



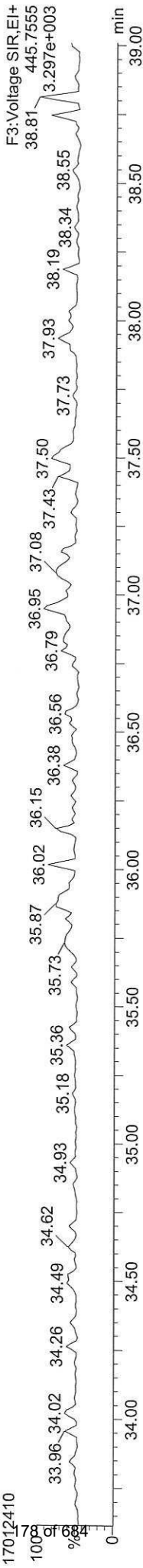
Total-hexafurans

17012410



FUNCTION3 OCDPE

17012410



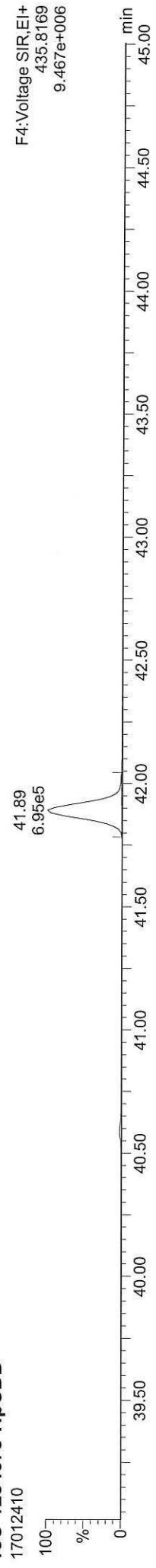
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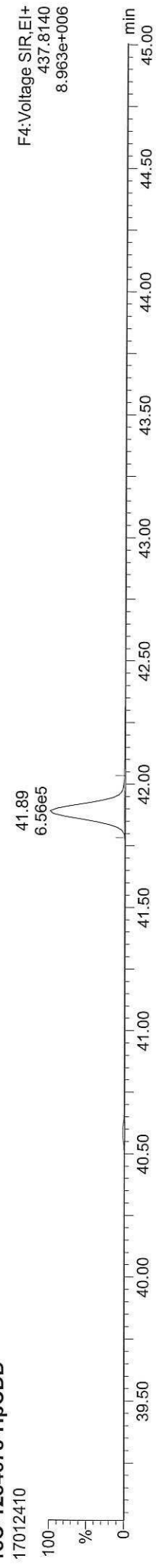
Printed: Wednesday, January 25, 2017 09:38:25 Pacific Standard Time

ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

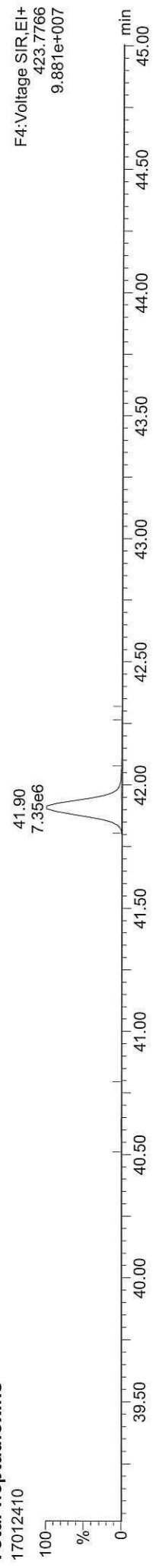
13C-1234678-HpCDD



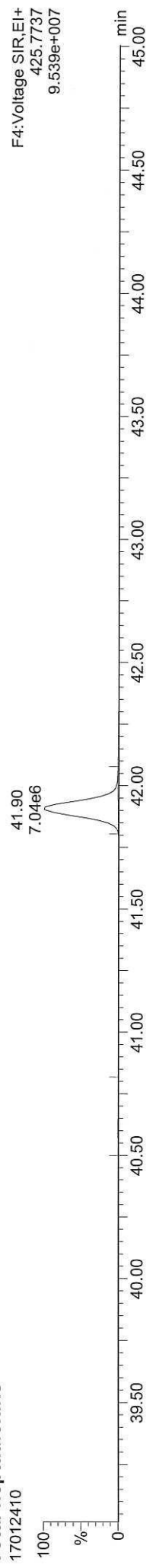
13C-1234678-HpCDD



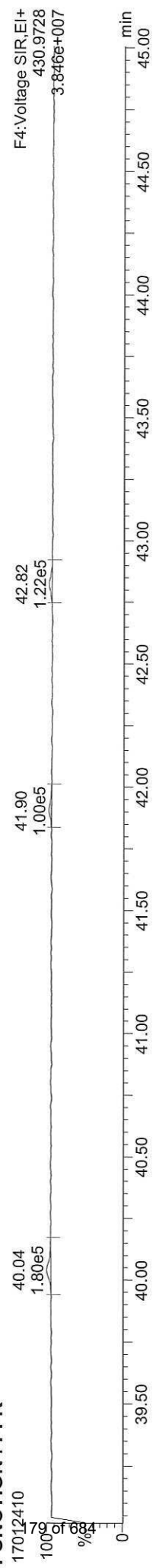
Total-heptadioxins



Total-heptadioxins



FUNCTION4 PFK



Dataset: C:\MassLynx\IDioxin.pro\170124\CAL.qld

Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time

Printed: Wednesday, January 25, 2017 09:38:25 Pacific Standard Time

ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

13C-1234678-HpCDF



13C-1234678-HpCDF



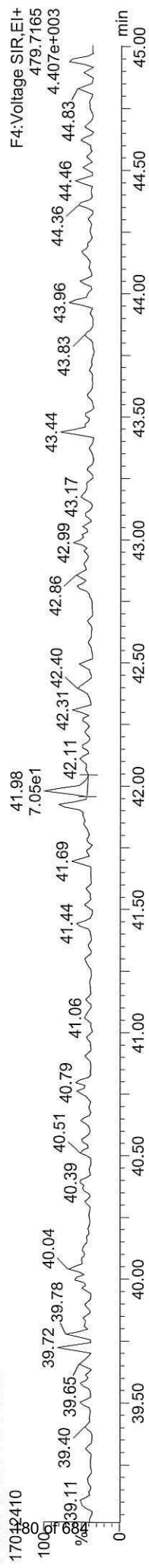
Total-heptafurans



Total-heptafurans

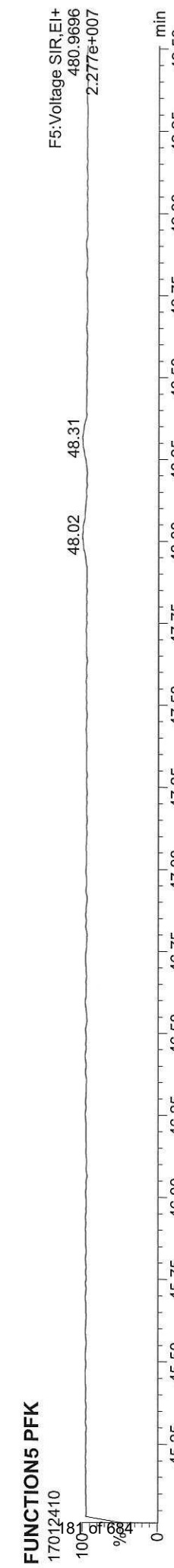
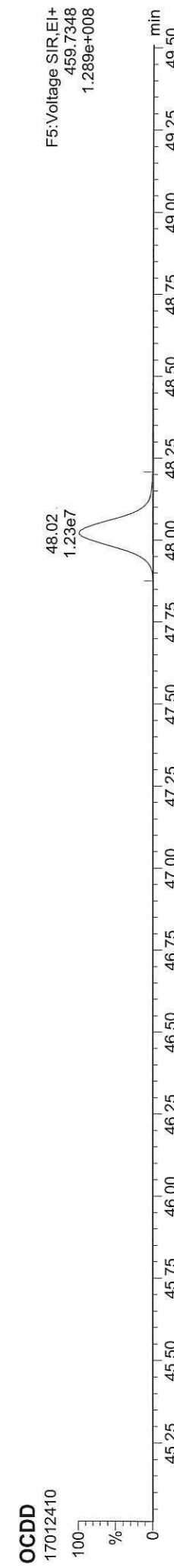
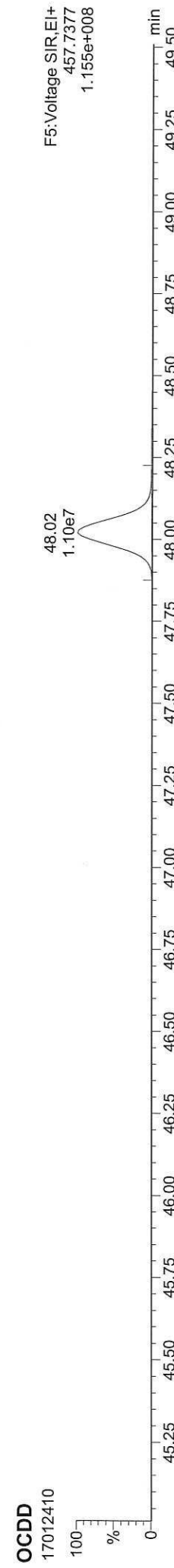
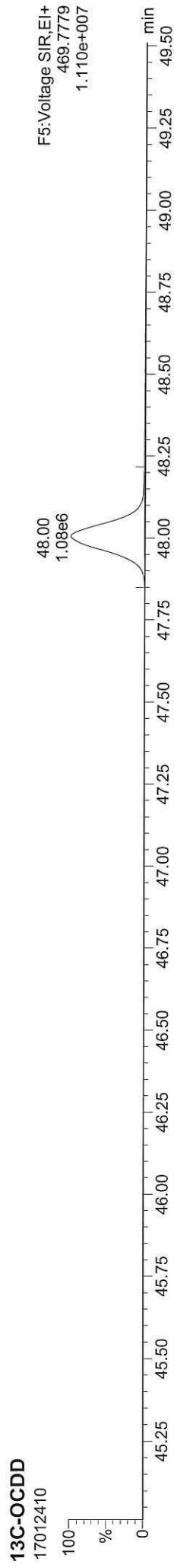


FUNCTION4 NCDPE



Quantify Sample Report **MassLynx V4.1 SCN909**
Dataset: C:\MassLynx\Dioxin.pro\170124\CAL.qld
Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:25 Pacific Standard Time

ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

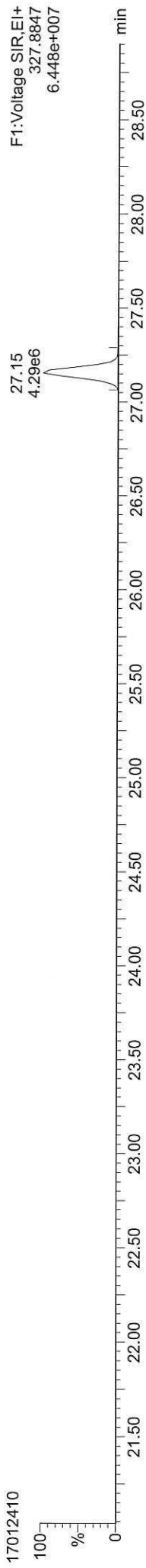


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

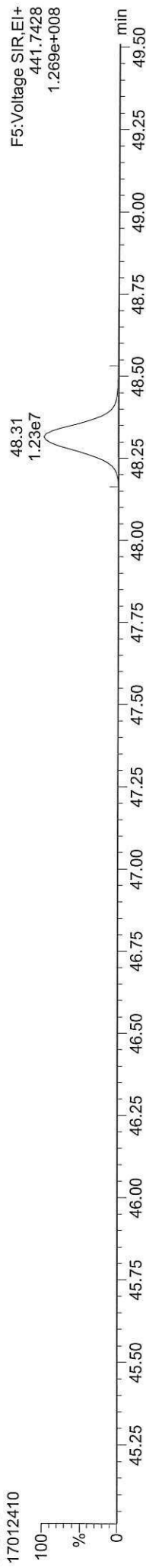
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Last Altered: Wednesday, January 25, 2017 09:33:34 Pacific Standard Time
Printed: Wednesday, January 25, 2017 09:38:25 Pacific Standard Time

ID: CS5, Name: 17012410, Date: 24-Jan-2017, Time: 21:04:19, Conditions: AUTOSPEC01, User: pk

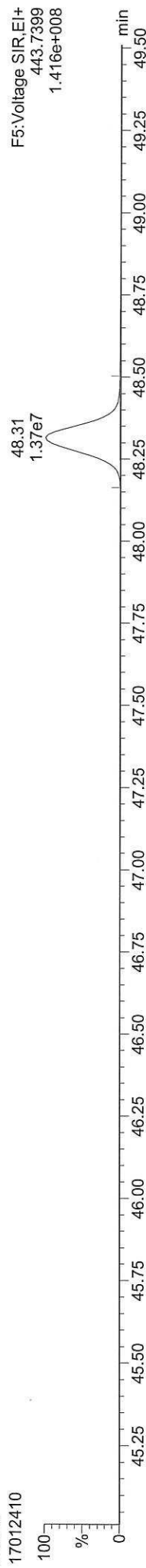
37CL-2378-TCDD



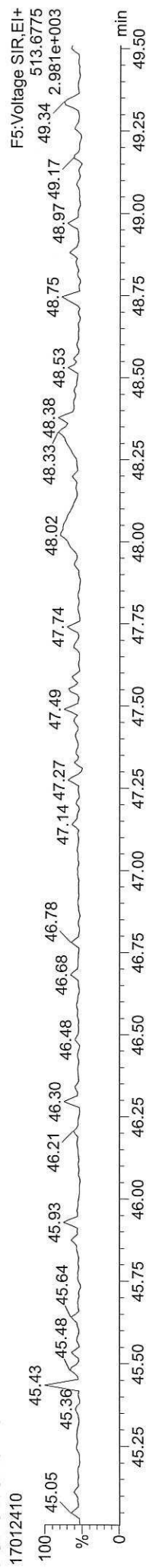
OCDF



OCDF



FUNCTION5 DCDPE



Quantify Sample Summary Report **MassLynx MassLynx V4.1 SCN909**

Dataset: C:\MassLynx\Dioxin.pro\170124\CVIH.qld
 Last Altered: Wednesday, January 25, 2017 10:17:18 Pacific Standard Time
 Printed: Wednesday, January 25, 2017 10:17:49 Pacific Standard Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170112.mdb 12 Jan 2017 14:01:03
Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170124\CAL.cdb 25 Jan 2017 09:33:34

ID: ICV, Name: 17012411, Date: 24-Jan-2017, Time: 21:57:32, Conditions: AUTOSPEC01, User: pk

Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
2378-TCDF	26.512	1.001	1.04e5	1.34e5	0.924	0.781	0.770	1386	1679	1.58e6	1.96e6	1143.4	NO	10.974
12378-PeCDF	30.678	1.001	6.08e5	3.83e5	0.954	1.587	1.550	3631	2527	9.10e6	5.78e6	2506.8	NO	54.368
23478-PeCDF	32.027	1.001	5.92e5	3.87e5	0.966	1.531	1.550	3631	2527	8.88e6	5.72e6	2446.4	NO	54.283
123478-HxCDF	35.721	1.001	4.77e5	3.88e5	1.141	1.230	1.240	2759	3534	7.07e6	5.77e6	2563.2	NO	52.253
234678-HxCDF	36.806	1.000	4.74e5	3.79e5	1.181	1.252	1.240	2759	3534	7.10e6	5.80e6	2571.7	NO	54.526
123678-HxCDF	35.863	1.000	5.04e5	4.04e5	1.089	1.245	1.240	2759	3534	7.35e6	6.05e6	2663.6	NO	53.511
123789-HxCDF	37.924	1.000	3.67e5	3.00e5	1.110	1.224	1.240	2759	3534	5.74e6	4.73e6	2079.6	NO	55.722
1234678-HpCDF	40.039	1.001	4.13e5	3.92e5	1.267	1.054	1.050	2068	2979	5.85e6	5.59e6	2830.4	NO	56.009
1234789-HpCDF	42.813	1.000	2.65e5	2.56e5	1.295	1.034	1.050	2068	2979	3.24e6	3.15e6	1566.9	NO	55.317
OCDF	48.298	1.007	3.35e5	3.65e5	1.067	0.919	0.890	1349	1783	3.25e6	3.55e6	2408.5	NO	105.195
2378-TCDD	27.154	1.001	7.02e4	9.35e4	1.150	0.751	0.770	1053	863	1.04e6	1.38e6	987.8	NO	10.590
12378-PeCDD	32.278	1.001	3.72e5	2.39e5	1.017	1.554	1.550	2749	1774	5.70e6	3.61e6	2075.0	NO	53.684
123478-HxCDD	36.948	1.001	3.42e5	2.66e5	1.017	1.286	1.240	2610	1853	5.09e6	3.99e6	1951.1	NO	54.871
123678-HxCDD	37.069	1.000	3.29e5	2.73e5	0.964	1.202	1.240	2610	1853	4.88e6	3.90e6	1870.2	NO	54.363
123789-HxCDD	37.496	1.012	3.19e5	2.55e5	0.948	1.245	1.240	2610	1853	4.81e6	3.93e6	1844.0	NO	54.046
1234678-HpCDD	41.903	1.001	2.47e5	2.36e5	1.051	1.044	1.050	2376	2214	3.16e6	3.02e6	1332.0	NO	54.372
OCDD	48.002	1.000	3.23e5	3.59e5	1.030	0.898	0.890	1980	1677	3.12e6	3.48e6	1575.2	NO	106.165
13C-2378-TCDF	26.497	1.007	1.03e6	1.31e6	1.515	0.783	0.770	4795	2298	1.52e7	1.91e7	3164.7	NO	98.050
13C-12378-PeCDF	30.656	1.165	1.16e6	7.47e5	1.276	1.561	1.550	4453	2578	1.74e7	1.13e7	3900.6	NO	94.908
13C-23478-PeCDF	32.005	1.216	1.14e6	7.22e5	1.257	1.585	1.550	4453	2578	1.72e7	1.09e7	3856.2	NO	94.082
13C-123478-HxCDF	35.699	0.953	4.94e5	9.57e5	1.431	0.516	0.510	2062	2488	7.54e6	1.45e7	3657.3	NO	102.226
13C-123678-HxCDF	35.852	0.957	5.27e5	1.03e6	1.552	0.511	0.510	2062	2488	7.71e6	1.49e7	3738.6	NO	101.227
13C-234678-HxCDF	36.795	0.982	4.53e5	8.71e5	1.349	0.520	0.510	2062	2488	6.80e6	1.31e7	3298.5	NO	99.000
13C-123789-HxCDF	37.913	1.012	3.65e5	7.13e5	1.111	0.511	0.510	2062	2488	5.68e6	1.11e7	2756.6	NO	97.792
13C-1234678-HpCDF	40.017	1.068	3.54e5	7.80e5	1.160	0.453	0.440	1604	2932	5.08e6	1.13e7	3165.2	NO	98.592
13C-1234789-HpCDF	42.802	1.142	2.24e5	5.04e5	0.758	0.444	0.440	1604	2932	2.71e6	6.14e6	1689.4	NO	96.771
13C-1234-TCDD	26.317	0.000	7.03e5	8.75e5	1.000	0.803	0.770	2350	1324	1.05e7	1.31e7	4457.7	NO	100.000
13C-12378-TCDD	27.124	1.031	5.86e5	7.59e5	0.872	0.772	0.770	2350	1324	8.43e6	1.08e7	3587.0	NO	97.670
13C-12378-PeCDD	32.257	1.226	6.82e5	4.37e5	0.754	1.560	1.550	1137	907	1.03e7	6.65e6	9024.6	NO	94.032
13C-123478-HxCDD	36.926	0.985	6.13e5	4.78e5	1.106	1.282	1.240	2139	1291	9.29e6	7.29e6	4344.0	NO	99.398
13C-123678-HxCDD	37.058	0.989	6.37e5	5.09e5	1.165	1.251	1.240	2139	1291	9.47e6	7.63e6	4426.6	NO	99.262
13C-1234678-HpCDD	41.881	1.118	4.35e5	4.10e5	0.872	1.062	1.050	2127	1988	5.79e6	5.44e6	2723.4	NO	97.696
13C-OCDD	47.984	1.280	5.89e5	6.58e5	0.655	0.896	0.890	1843	2200	5.71e6	6.37e6	3096.5	NO	191.922

Quantify Sample Summary Report **MassLynx MassLynx V4.1 SCN909**

Dataset: C:\MassLynx\DIoxin.pro\170124\ICV\IH.qld

Last Altered: Wednesday, January 25, 2017 10:17:18 Pacific Standard Time

Printed: Wednesday, January 25, 2017 10:17:49 Pacific Standard Time

ID: ICV, Name: 17012411, Date: 24-Jan-2017, Time: 21:57:32, Conditions: AUTOSPEC01, User: pk

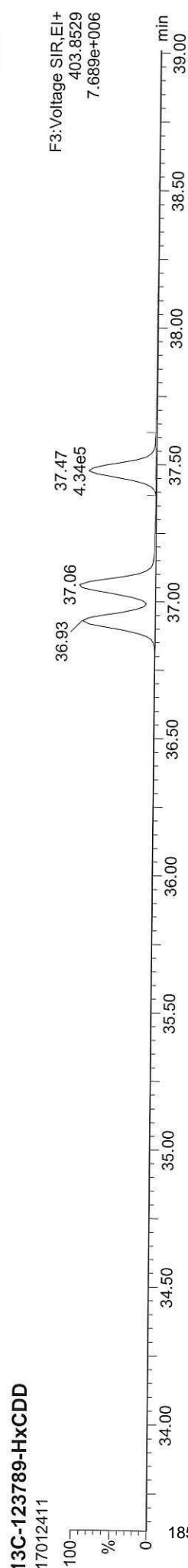
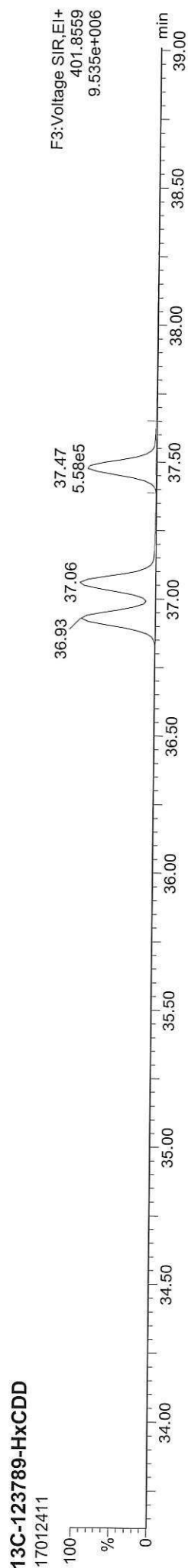
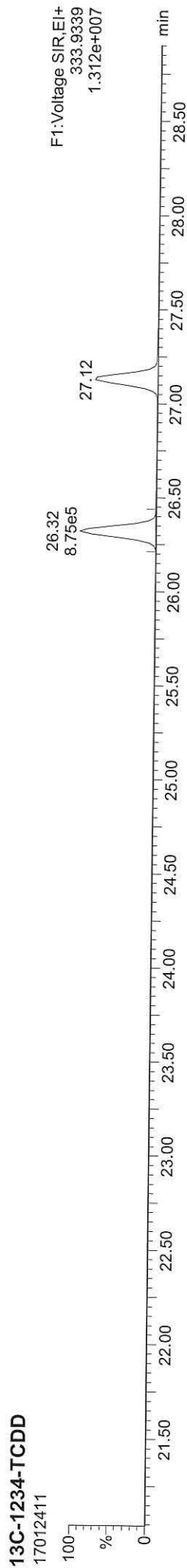
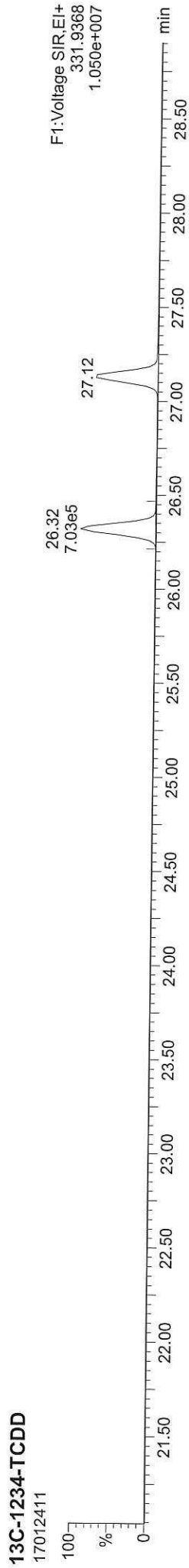
Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
13C-123789-HxCDD	37.474	0.000	5.58e5	4.34e5	1.000	1.284	1.240	2139	1291	8.66e6	6.79e6	4046.7	NO	100.000
Total-tetrafurans			3.12e5		0.924			1386		4.63e6				32.924
Total-penta1			6.74e5					890		9.65e6				64.649
Total-pentafurans			1.77e6		0.960			3631		2.62e7				159.535
Total-hexafurans			2.37e6		1.130			2759		3.53e7				280.124
Total-heptafurans			6.79e5		1.281			2068		9.13e6				111.591
Total-Furans			6.13e6		1.100			1386		8.81e7				754.035
Total-tetra-dioxins			3.90e5		1.150			1053		4.89e6				57.524
Total-penta-dioxins			1.28e6		1.017			2749		1.65e7				185.218
Total-hexa-dioxins			1.42e6		0.977			2610		2.13e7				234.748
Total-hepta-dioxins			5.24e5		1.051			2376		7.17e6				116.121
Total-Dioxins			3.94e6		1.025			1053		5.30e7				699.776
Total-TEQ			1.01e7					1053		1.41e8				1453.811
37CL-2378-TCDD	27.154	1.032	1.74e5		1.073			912		2.56e6		2807.3		10.251
FUNCTION1 PFK			7.29e5					340872		1.49e7				
FUNCTION2 PFK			2.25e5					114180		5.96e6				0.000
FUNCTION3 PFK			1.33e5					249759		1.95e6				0.000
FUNCTION4 PFK			1.58e5					244880		5.84e6				
FUNCTION5 PFK			2.37e5					180244		7.99e6				
FUNCTION1 HXCDPE			0.00e0					368		0.00e0				
FUNCTION1 HPCDPE			3.59e2					564		6.45e3				0.000
FUNCTION2 HPCDPE			8.52e2					439		1.58e4				0.000
FUNCTION3 OCDPE			0.00e0					251		0.00e0				
FUNCTION4 NCDPE			0.00e0					466		0.00e0				
FUNCTION5 DCDPE			0.00e0					231		0.00e0				

Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170124ICV\H.qld
Last Altered: Wednesday, January 25, 2017 10:17:18 Pacific Standard Time
Printed: Wednesday, January 25, 2017 10:17:49 Pacific Standard Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170112.mdb 12 Jan 2017 14:01:03
Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170124ICAL.cdb 25 Jan 2017 09:33:34

ID: ICV, Name: 17012411, Date: 24-Jan-2017, Time: 21:57:32, Conditions: AUTOSPEC01, User: pk

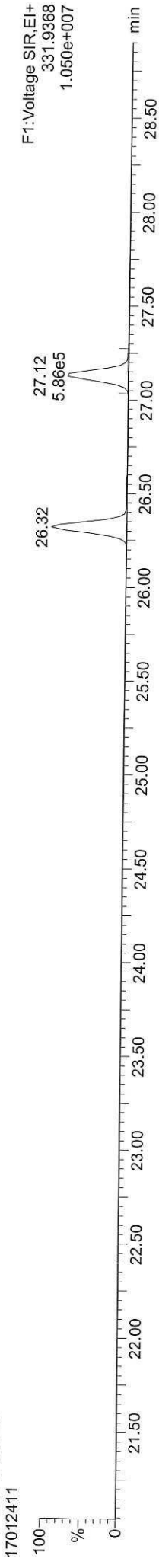


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

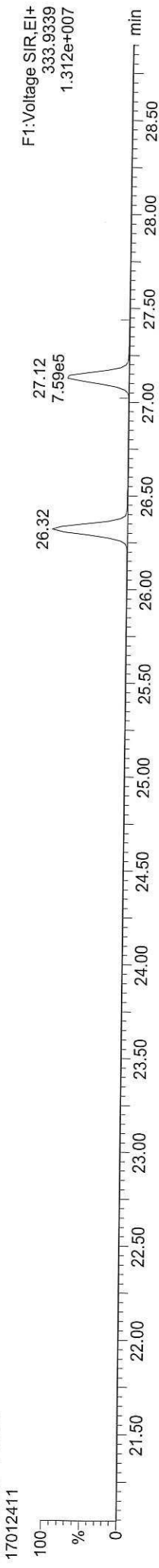
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Printed: Wednesday, January 25, 2017 10:17:49 Pacific Standard Time

ID: ICV, Name: 17012411, Date: 24-Jan-2017, Time: 21:57:32, Conditions: AUTOSPEC01, User: pk

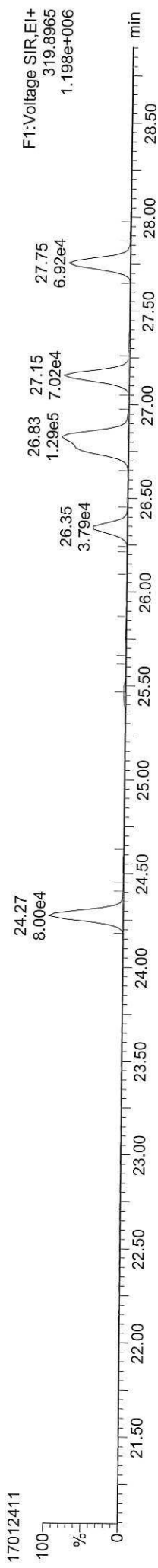
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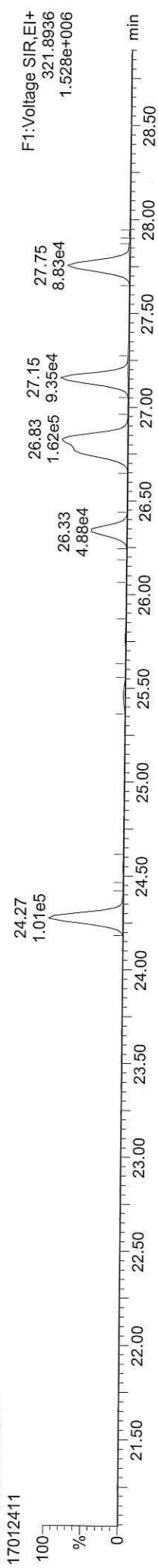
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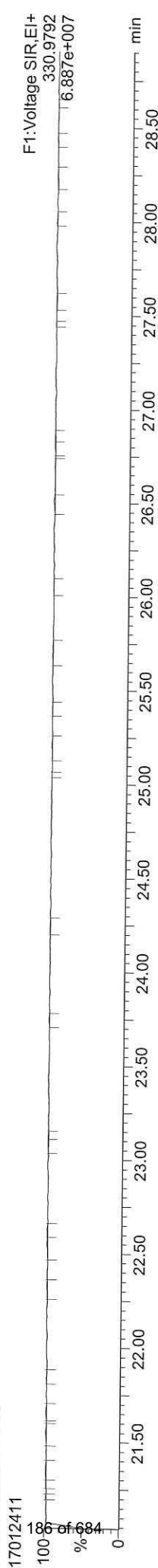
Total-tetradioxins



Total-tetradioxins



FUNCTION1 PFK



Quantify Sample Report

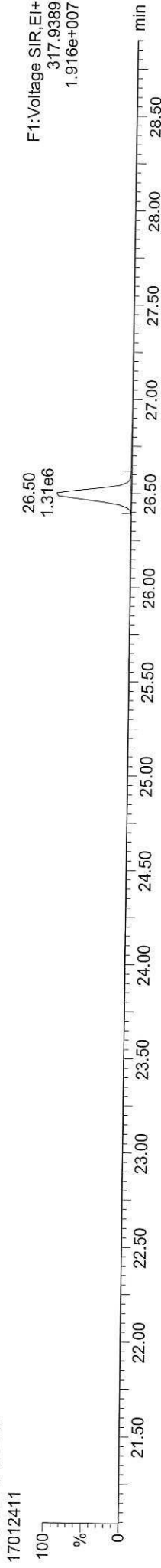
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\17012411\17012411CVI.H.qld
Last Altered: Wednesday, January 25, 2017 10:17:18 Pacific Standard Time
Printed: Wednesday, January 25, 2017 10:17:49 Pacific Standard Time

ID: ICV, Name: 17012411, Date: 24-Jan-2017, Time: 21:57:32, Conditions: AUTOSPEC01, User: pk

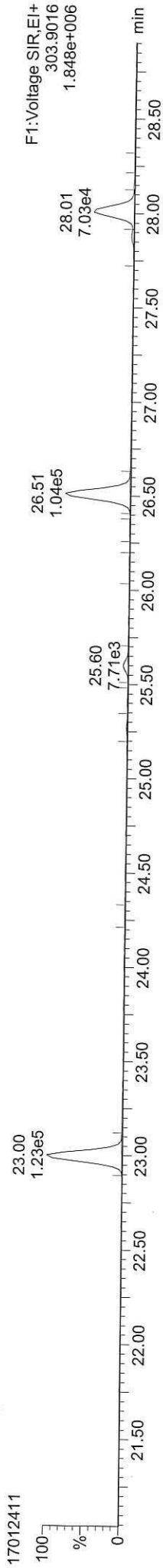
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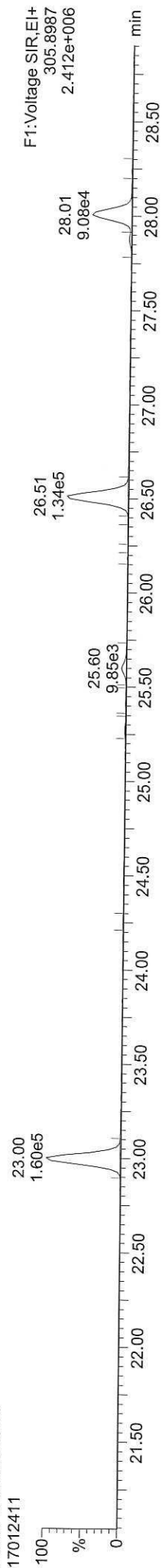
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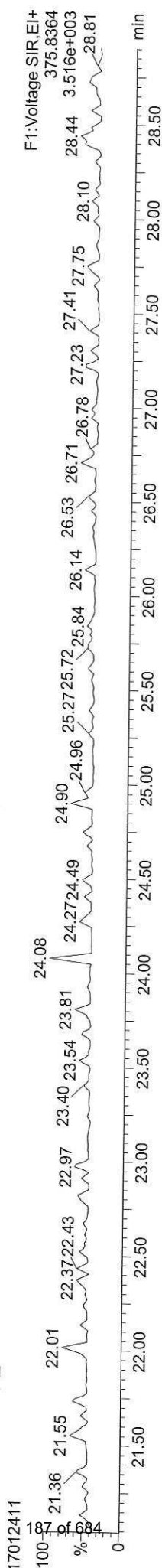
Total-tetrafurans



Total-tetrafurans



FUNCTION1 HXCDPE



Quantify Sample Report

MassLynx MassLynx V4.1 SCN909

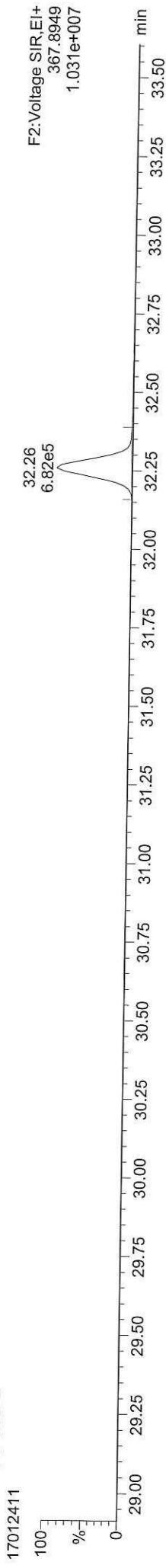
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Last Altered: Wednesday, January 25, 2017 10:17:18 Pacific Standard Time

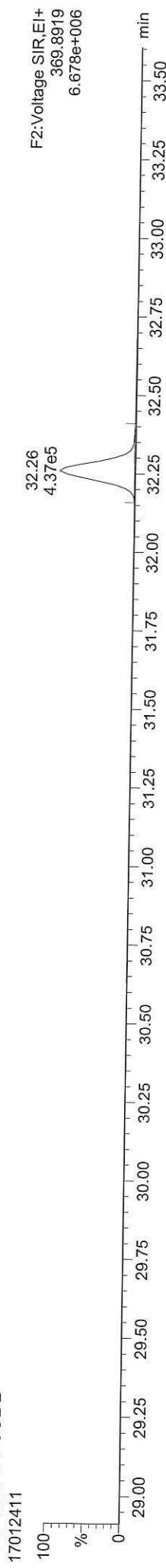
Printed: Wednesday, January 25, 2017 10:17:49 Pacific Standard Time

ID: ICV, Name: 17012411, Date: 24-Jan-2017, Time: 21:57:32, Conditions: AUTOSPEC01, User: pk

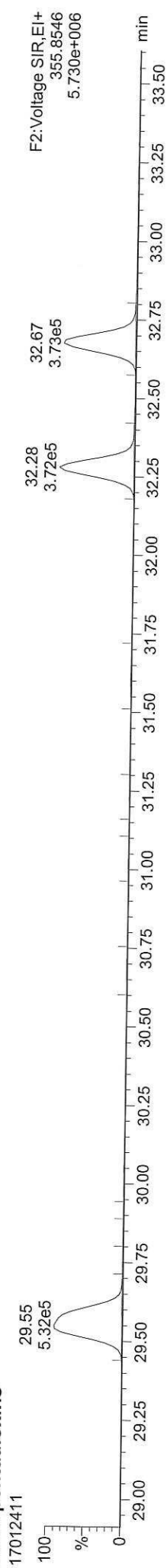
13C-12378-PeCDD



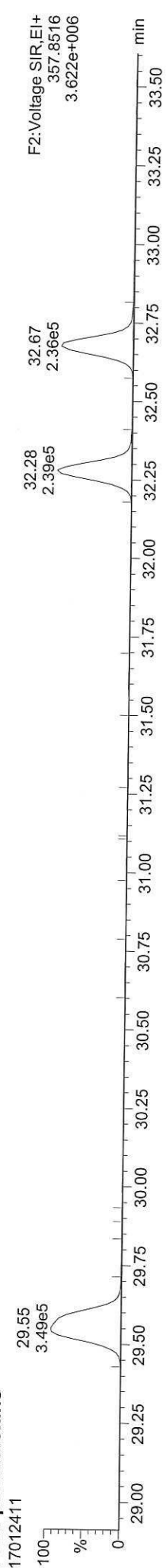
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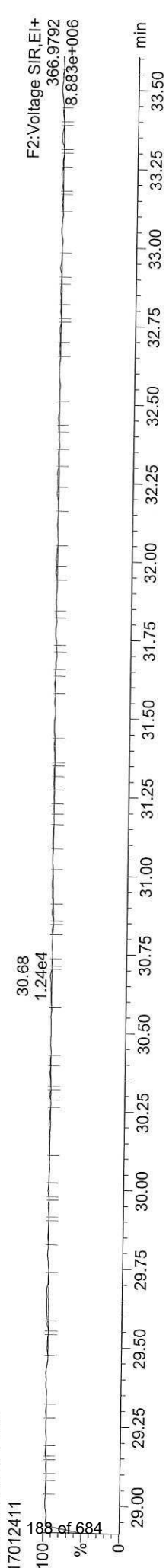
Total-pentadioxins



Total-pentadioxins



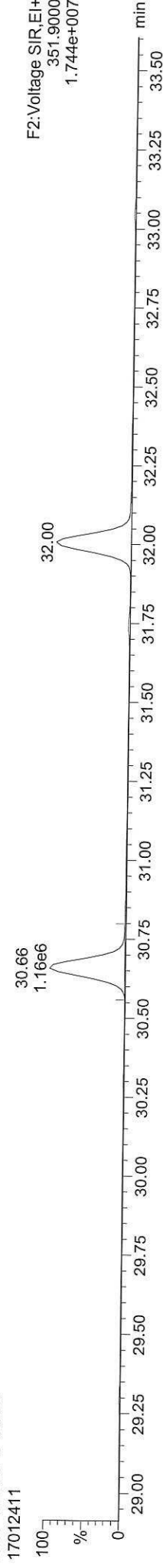
FUNCTION2 PFK



Dataset: C:\MassLynx\DIoxin.pro\170124\CVI.H.qld
Last Altered: Wednesday, January 25, 2017 10:17:18 Pacific Standard Time
Printed: Wednesday, January 25, 2017 10:17:49 Pacific Standard Time

ID: ICV, Name: 17012411, Date: 24-Jan-2017, Time: 21:57:32, Conditions: AUTOSPEC01, User: pk

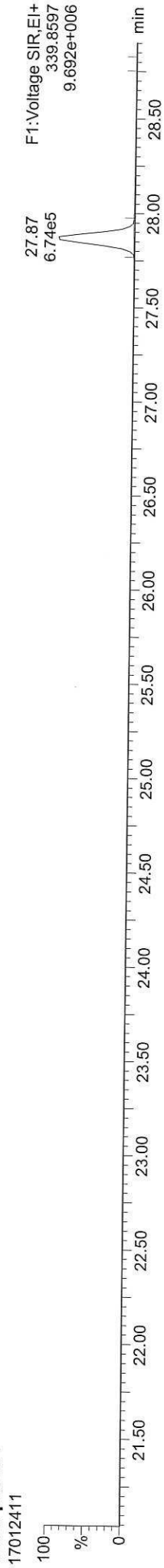
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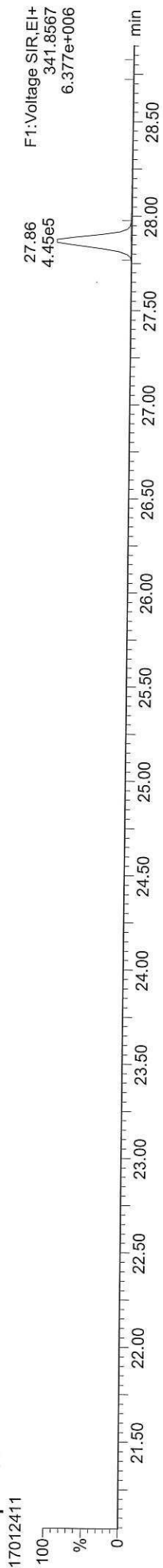
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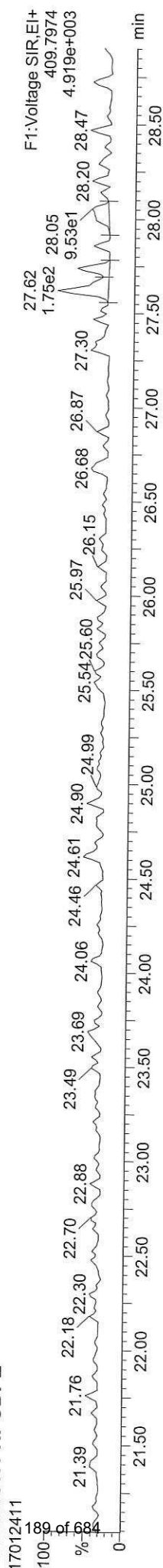
Total-penta1



Total-penta1



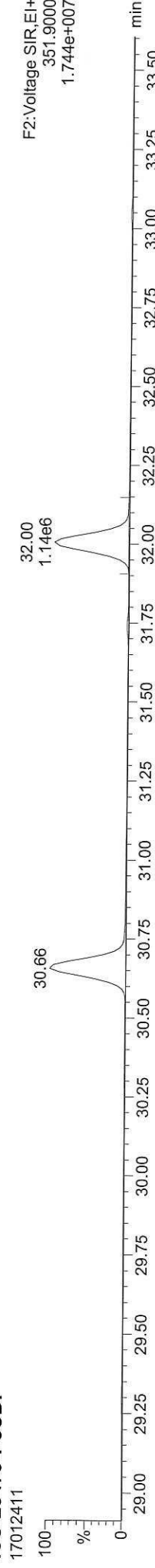
FUNCTION1 HPCDPE



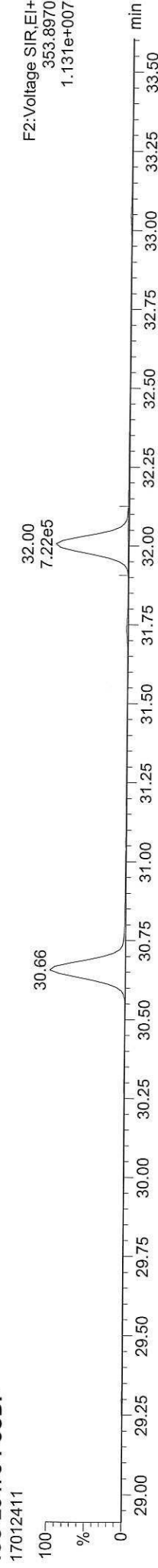
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Last Altered: Wednesday, January 25, 2017 10:17:18 Pacific Standard Time
Printed: Wednesday, January 25, 2017 10:17:49 Pacific Standard Time

ID: ICV, Name: 17012411, Date: 24-Jan-2017, Time: 21:57:32, Conditions: AUTOSPEC01, User: pk

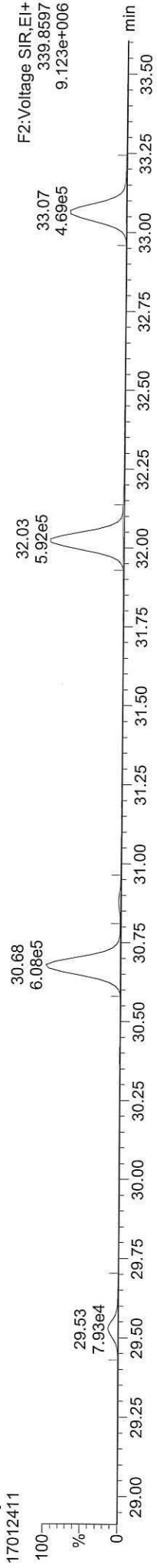
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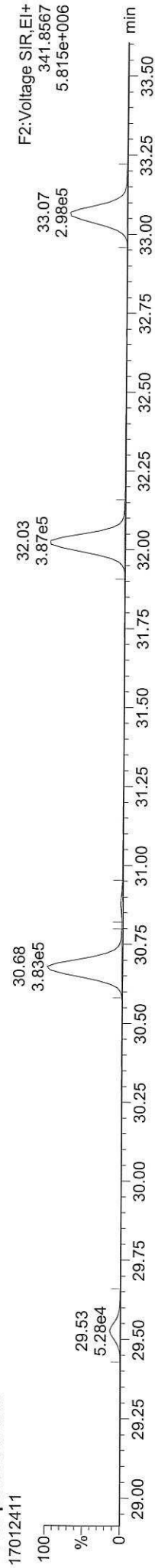
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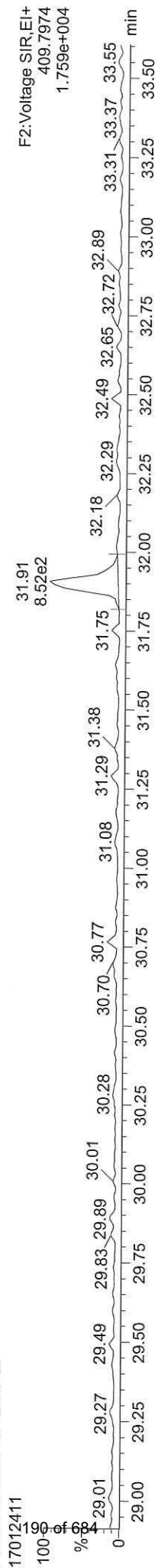
Total-pentafurans



Total-pentafurans



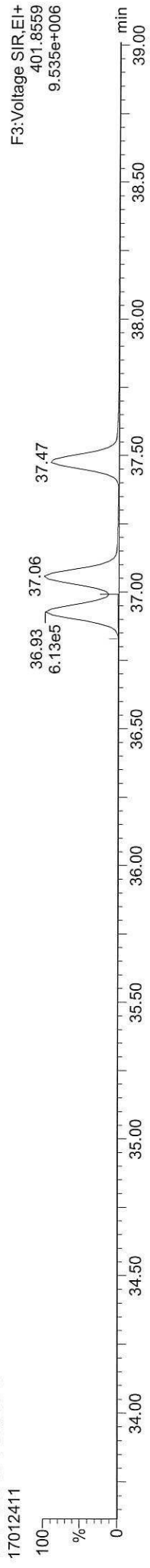
FUNCTION2 HPCDPE



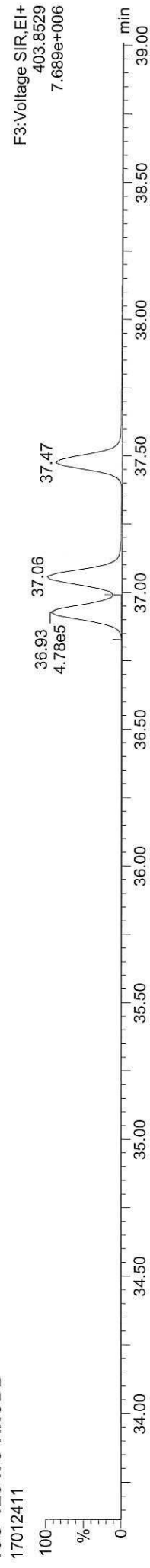
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Last Altered: Wednesday, January 25, 2017 10:17:18 Pacific Standard Time
Printed: Wednesday, January 25, 2017 10:17:49 Pacific Standard Time

ID: ICV, Name: 17012411, Date: 24-Jan-2017, Time: 21:57:32, Conditions: AUTOSPEC01, User: pk

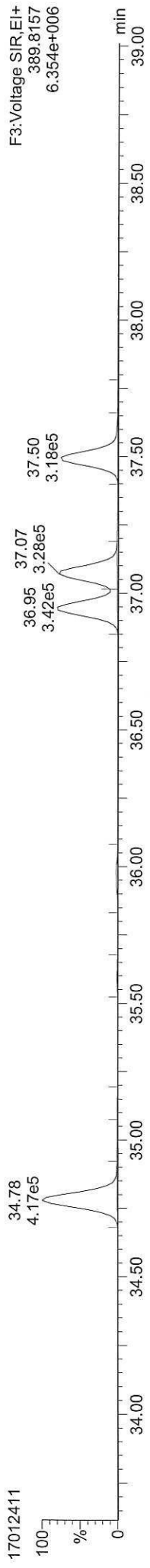
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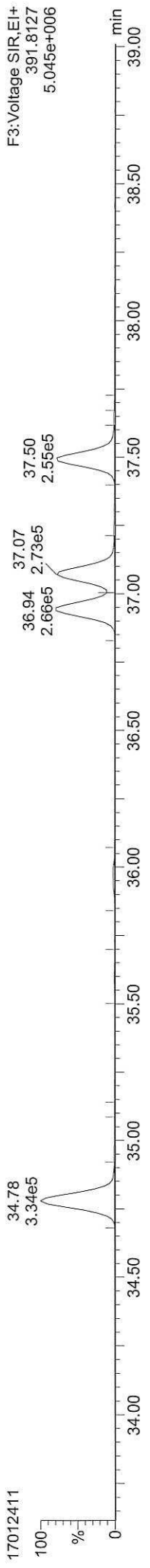
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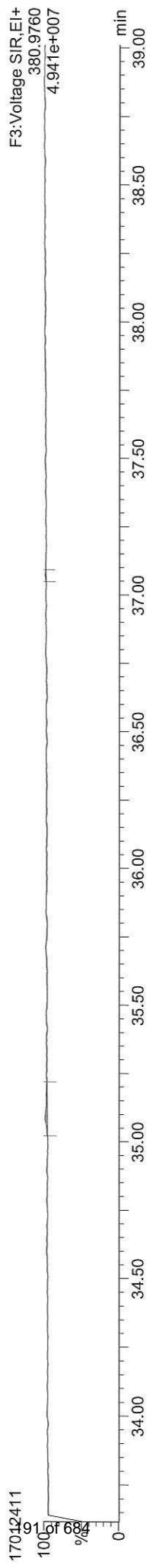
Total-hexadioxins



Total-hexadioxins



FUNCTION3 PFK



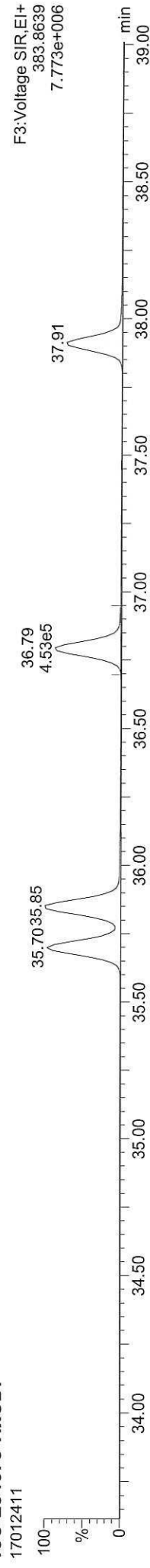
Dataset: C:\MassLynx\Dioxin.pro\170124\CVI.H.qld

Last Altered: Wednesday, January 25, 2017 10:17:18 Pacific Standard Time

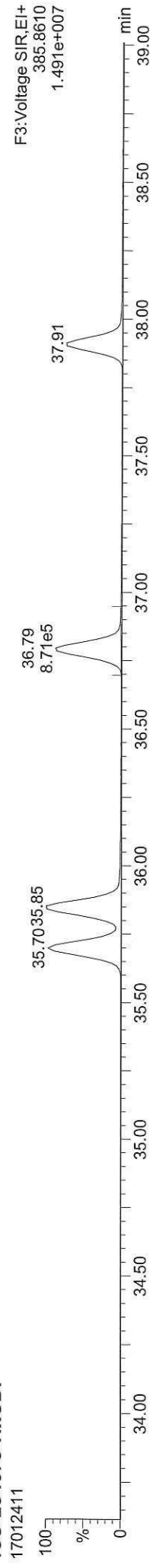
Printed: Wednesday, January 25, 2017 10:17:49 Pacific Standard Time

ID: ICV, Name: 17012411, Date: 24-Jan-2017, Time: 21:57:32, Conditions: AUTOSPEC01, User: pk

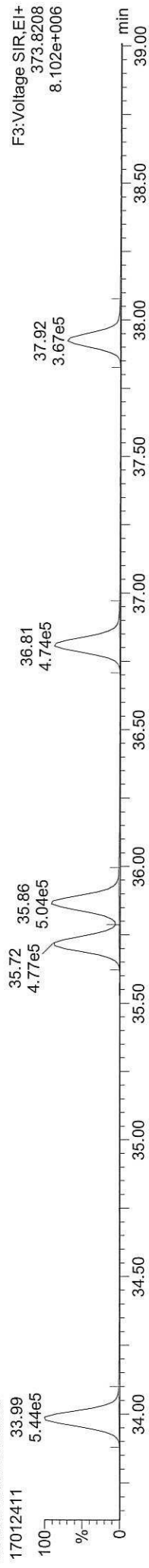
13C-234678-HxCDF



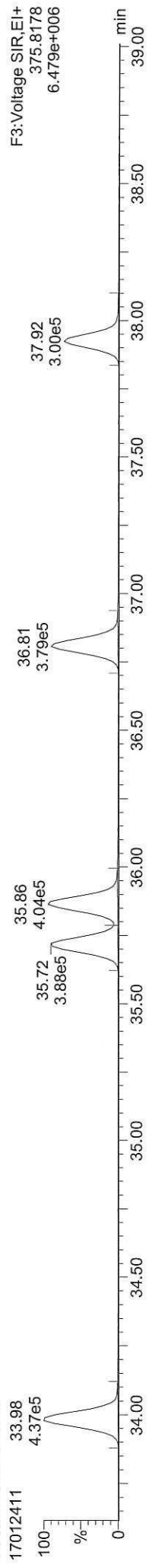
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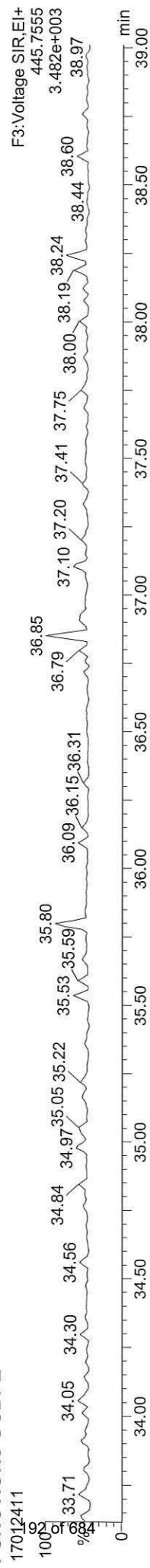
Total-hexafurans



Total-hexafurans



FUNCTION3 OCDPE

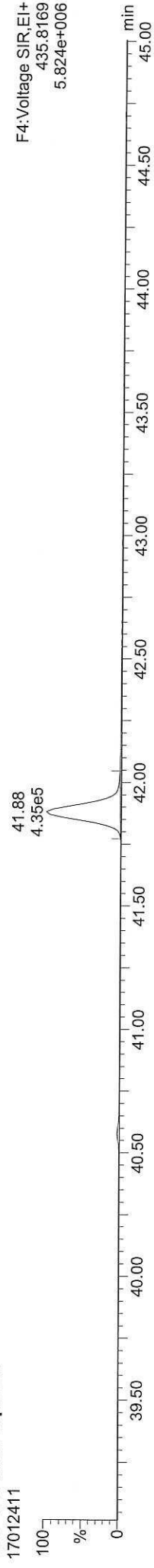


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

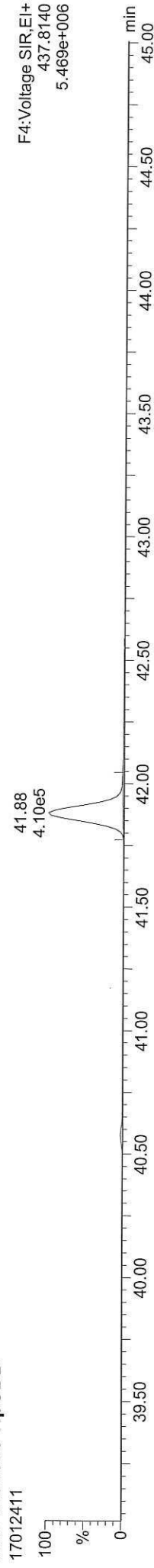
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Last Altered: Wednesday, January 25, 2017 10:17:18 Pacific Standard Time
Printed: Wednesday, January 25, 2017 10:17:49 Pacific Standard Time

ID: ICV, Name: 17012411, Date: 24-Jan-2017, Time: 21:57:32, Conditions: AUTOSPEC01, User: pk

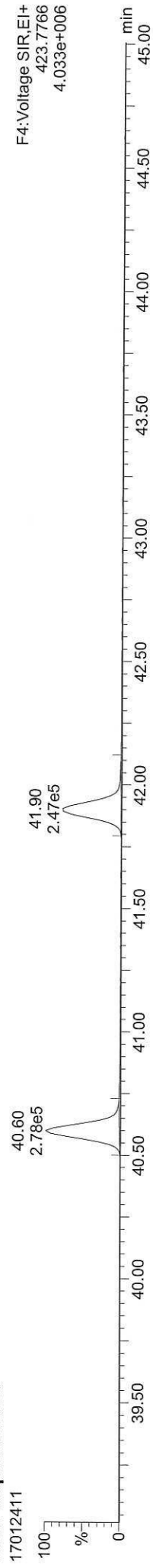
13C-1234678-HpCDD



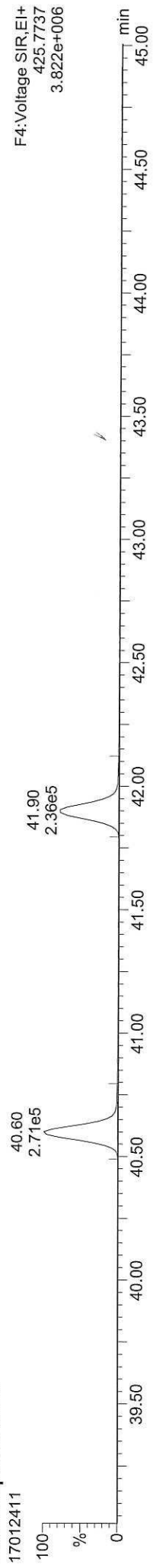
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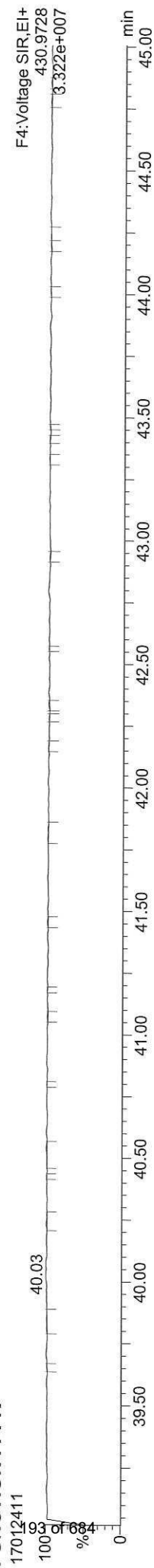
Total-heptadioxins



Total-heptadioxins



FUNCTION4 PFK



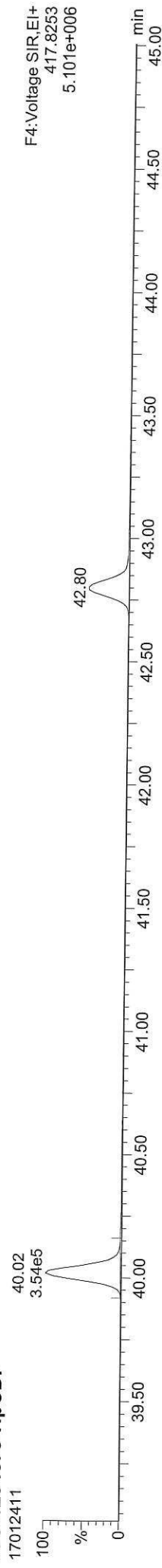
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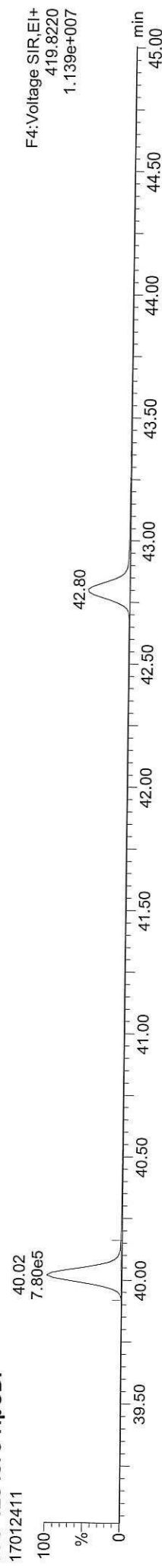
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ID: ICV, Name: 17012411, Date: 24-Jan-2017, Time: 21:57:32, Conditions: AUTOSPEC01, User: pk

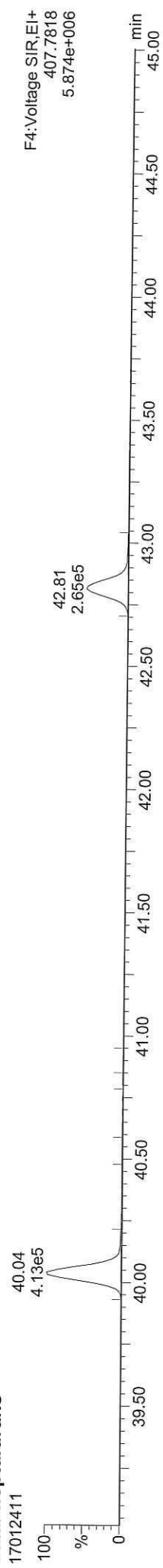
13C-1234678-HpCDF



13C-1234678-HpCDF



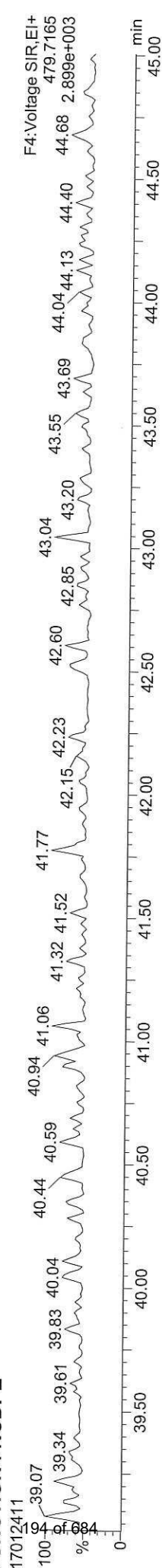
Total-heptafulurans



Total-heptafulurans



FUNCTION4 NCDPE

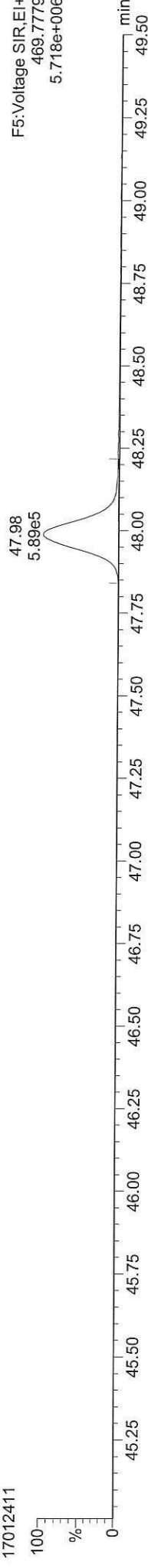


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Last Altered: Wednesday, January 25, 2017 10:17:18 Pacific Standard Time
Printed: Wednesday, January 25, 2017 10:17:49 Pacific Standard Time

ID: ICV, Name: 17012411, Date: 24-Jan-2017, Time: 21:57:32, Conditions: AUTOSPEC01, User: pk

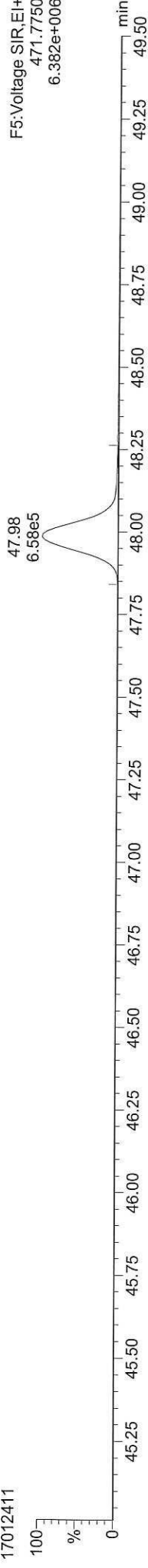
13C-OCDD

17012411



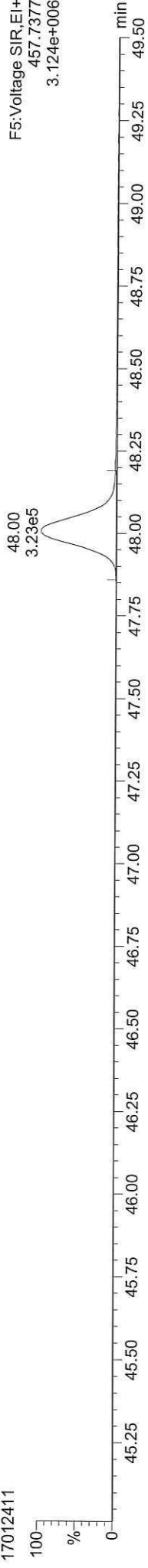
13C-OCDD

17012411



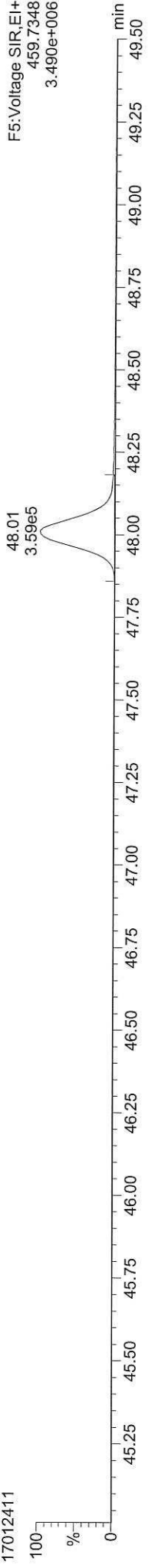
OCDD

17012411



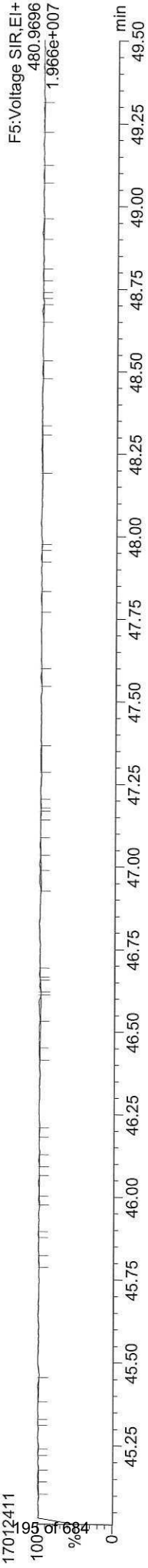
OCDD

17012411



FUNCTION5 PFK

17012411

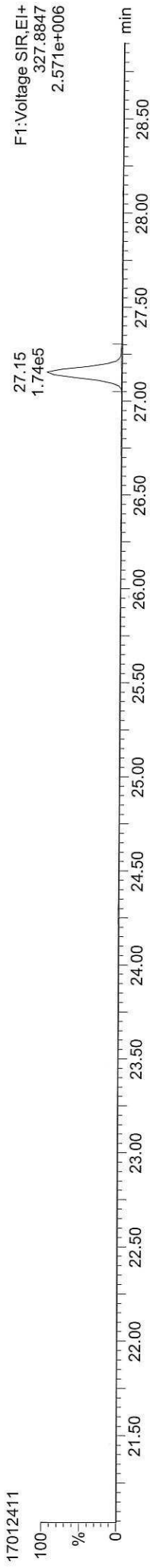


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

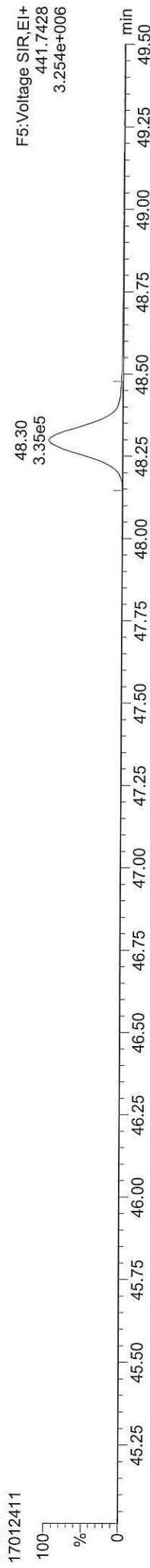
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Last Altered: Wednesday, January 25, 2017 10:17:18 Pacific Standard Time
Printed: Wednesday, January 25, 2017 10:17:49 Pacific Standard Time

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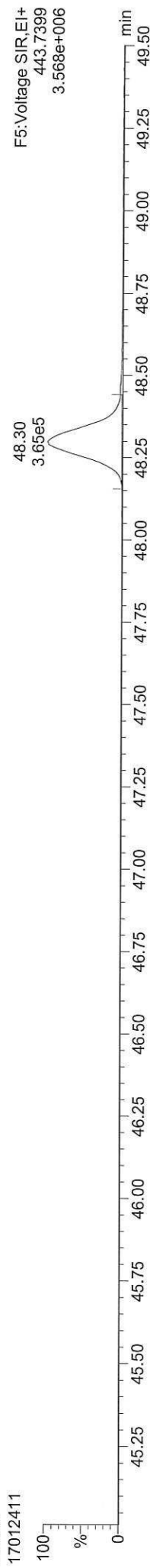
37CL-2378-TCDD



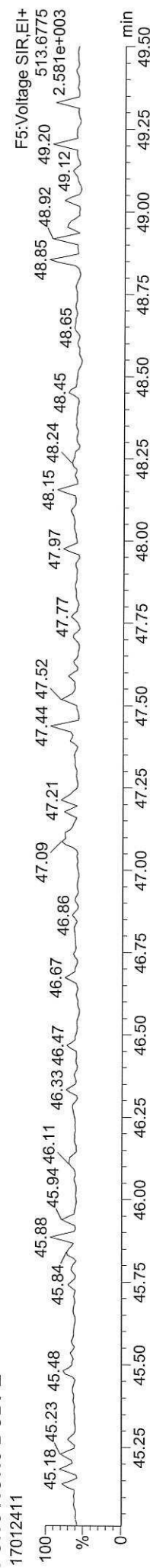
OCDF



OCDF



FUNCTION5 DCDPE



SECOND-SOURCE CALIBRATION VERIFICATION

EPA 1613B

Laboratory: Analytical Resources, Inc.

SDG: 16K0124

Client: Anchor QEA, LLC

Project: Port Gamble Shellfish Monitoring

Calibration: AA00071

Laboratory ID: SFA0265-SCV1

Sequence: SFA0265

Sequence Name: ICV

Standard ID: E000002

ANALYTE	EXPECTED (ng/mL)	FOUND (ng/mL)	% DRIFT	QC LIMIT
2,3,7,8-TCDF	10.000	11.0	9.7	20.00
2,3,7,8-TCDD	10.000	10.6	5.9	20.00
1,2,3,7,8-PeCDF	50.000	54.4	8.7	20.00
2,3,4,7,8-PeCDF	50.000	54.3	8.6	20.00
1,2,3,7,8-PeCDD	50.000	53.7	7.4	20.00
1,2,3,4,7,8-HxCDF	50.000	52.3	4.5	20.00
1,2,3,6,7,8-HxCDF	50.000	53.5	7.0	20.00
2,3,4,6,7,8-HxCDF	50.000	54.5	9.1	20.00
1,2,3,7,8,9-HxCDF	50.000	55.7	11.4	20.00
1,2,3,4,7,8-HxCDD	50.000	54.9	9.7	20.00
1,2,3,6,7,8-HxCDD	50.000	54.4	8.7	20.00
1,2,3,7,8,9-HxCDD	50.000	54.0	8.1	20.00
1,2,3,4,6,7,8-HpCDF	50.000	56.0	12.0	20.00
1,2,3,4,7,8,9-HpCDF	50.000	55.3	10.6	20.00
1,2,3,4,6,7,8-HpCDD	50.000	54.4	8.7	20.00
OCDF	100.00	105	5.2	20.00
OCDD	100.00	106	6.2	20.00
13C12-2,3,7,8-TCDF	100.00	98.0	-2.0	20.00
13C12-2,3,7,8-TCDD	100.00	97.7	-2.3	20.00
13C12-1,2,3,7,8-PeCDF	100.00	94.9	-5.1	20.00
13C12-2,3,4,7,8-PeCDF	100.00	94.1	-5.9	20.00
13C12-1,2,3,7,8-PeCDD	100.00	94.0	-6.0	20.00
13C12-1,2,3,4,7,8-HxCDF	100.00	102	2.2	20.00
13C12-1,2,3,6,7,8-HxCDF	100.00	101	1.2	20.00
13C12-2,3,4,6,7,8-HxCDF	100.00	99.0	-1.0	20.00
13C12-1,2,3,7,8,9-HxCDF	100.00	97.8	-2.2	20.00
13C12-1,2,3,4,7,8-HxCDD	100.00	99.4	-0.6	20.00
13C12-1,2,3,6,7,8-HxCDD	100.00	99.3	-0.7	20.00
13C12-1,2,3,4,6,7,8-HpCDF	100.00	98.6	-1.4	20.00
13C12-1,2,3,4,7,8,9-HpCDF	100.00	96.8	-3.2	20.00
13C12-1,2,3,4,6,7,8-HpCDD	100.00	97.7	-2.3	20.00
13C12-OCDD	200.00	192	-4.0	20.00
37C14-2,3,7,8-TCDD	10.000	10.3	2.5	20.00

* Indicates values outside of QC limits



SECOND-SOURCE CALIBRATION VERIFICATION

EPA 1613B

Laboratory: Analytical Resources, Inc.

SDG: 16K0124

Client: Anchor QEA, LLC

Project: Port Gamble Shellfish Monitoring

Calibration: AA00071

Laboratory ID: SFA0265-SCV1

Sequence: SFA0265

Standard ID: E000002

ANALYTE	EXPECTED (ng/mL)	FOUND (ng/mL)	% DRIFT	QC LIMIT
OCDF	100.00	105	5.2	20.00
OCDD	100.00	106	6.2	20.00
13C12-2,3,7,8-TCDF	100.00	98.0	-2.0	20.00
13C12-2,3,7,8-TCDD	100.00	97.7	-2.3	20.00
13C12-1,2,3,7,8-PeCDF	100.00	94.9	-5.1	20.00
13C12-2,3,4,7,8-PeCDF	100.00	94.1	-5.9	20.00
13C12-1,2,3,7,8-PeCDD	100.00	94.0	-6.0	20.00
13C12-1,2,3,4,7,8-HxCDF	100.00	102	2.2	20.00
13C12-1,2,3,6,7,8-HxCDF	100.00	101	1.2	20.00
13C12-2,3,4,6,7,8-HxCDF	100.00	99.0	-1.0	20.00
13C12-1,2,3,7,8,9-HxCDF	100.00	97.8	-2.2	20.00
13C12-1,2,3,4,7,8-HxCDD	100.00	99.4	-0.6	20.00
13C12-1,2,3,6,7,8-HxCDD	100.00	99.3	-0.7	20.00
13C12-1,2,3,4,6,7,8-HpCDF	100.00	98.6	-1.4	20.00
13C12-1,2,3,4,7,8,9-HpCDF	100.00	96.8	-3.2	20.00
13C12-1,2,3,4,6,7,8-HpCDD	100.00	97.7	-2.3	20.00
13C12-OCDD	200.00	192	-4.0	20.00
37C14-2,3,7,8-TCDD	10.000	10.3	2.5	20.00

* Values outside of QC limits



INITIAL CALIBRATION CHECK

EPA 1613B

Laboratory:	<u>Analytical Resources, Inc.</u>	SDG:	<u>16K0124</u>
Client:	<u>Anchor QEA, LLC</u>	Project:	<u>Port Gamble Shellfish Monitoring</u>
Instrument ID:	<u>AUTOSPEC01</u>	Calibration:	<u>AA00071</u>
Lab File ID:	<u>17020802</u>	Calibration Date:	<u>01/25/17 11:42</u>
Sequence:	<u>SFB0085</u>	Injection Date:	<u>02/08/17</u>
Lab Sample ID:	<u>SFB0085-ICV1</u>	Injection Time:	<u>11:22</u>
Sequence Name:	<u>CS301</u>		

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DRIFT/DIFF	
		STD	ICV	ICAL	ICV	MIN	ICV	LIMIT
2,3,7,8-TCDF	A	10.000	10.1	0.9244412	0.9356624		1.2	20
2,3,7,8-TCDD	A	10.000	9.79	1.1500690	1.1264420		-2.1	20
1,2,3,7,8-PeCDF	A	50.000	47.9	0.9538591	0.9139080		-4.2	20
2,3,4,7,8-PeCDF	A	50.000	49.4	0.9661353	0.9540333		-1.3	20
1,2,3,7,8-PeCDD	A	50.000	48.4	1.0171420	0.9852345		-3.1	20
1,2,3,4,7,8-HxCDF	A	50.000	50.1	1.1406820	1.1429330		0.2	20
1,2,3,6,7,8-HxCDF	A	50.000	50.2	1.0892170	1.0928910		0.3	20
2,3,4,6,7,8-HxCDF	A	50.000	49.4	1.1814840	1.1674890		-1.2	20
1,2,3,7,8,9-HxCDF	A	50.000	47.8	1.1099540	1.0606140		-4.4	20
1,2,3,4,7,8-HxCDD	A	50.000	50.5	1.0172780	1.0269380		0.9	20
1,2,3,6,7,8-HxCDD	A	50.000	51.7	0.9644562	0.9969918		3.4	20
1,2,3,7,8,9-HxCDD	A	50.000	52.7	0.9481378	1.0001160		5.5	20
1,2,3,4,6,7,8-HpCDF	A	50.000	48.9	1.2670090	1.2393890		-2.2	20
1,2,3,4,7,8,9-HpCDF	A	50.000	48.1	1.2951710	1.2465920		-3.8	20
1,2,3,4,6,7,8-HpCDD	A	50.000	49.2	1.0509220	1.0332580		-1.7	20
OCDF	A	100.00	110	1.0671380	1.1722570		9.9	20
OCDD	A	100.00	98.4	1.0297990	1.0129470		-1.6	20
13C12-2,3,7,8-TCDF	A	100.00	102	1.5145410	1.5505901		2.4	30
13C12-2,3,7,8-TCDD	A	100.00	104	0.8721411	0.9092620		4.3	30
13C12-1,2,3,7,8-PeCDF	A	100.00	104	1.2760880	1.3220501		3.6	30
13C12-2,3,4,7,8-PeCDF	A	100.00	111	1.2570200	1.4011039		11.5	30
13C12-1,2,3,7,8-PeCDD	A	100.00	110	0.7543716	0.8333051		10.5	30
13C12-1,2,3,4,7,8-HxCDF	A	100.00	94.8	1.4308690	1.3560537		-5.2	30
13C12-1,2,3,6,7,8-HxCDF	A	100.00	93.7	1.5517170	1.4544114		-6.3	30
13C12-2,3,4,6,7,8-HxCDF	A	100.00	96.1	1.3486910	1.2959697		-3.9	30
13C12-1,2,3,7,8,9-HxCDF	A	100.00	105	1.1112340	1.1655641		4.9	30
13C12-1,2,3,4,7,8-HxCDD	A	100.00	95.5	1.1060120	1.0567900		-4.5	30
13C12-1,2,3,6,7,8-HxCDD	A	100.00	94.5	1.1646380	1.1009230		-5.5	30
13C12-1,2,3,4,6,7,8-HpCDF	A	100.00	96.3	1.1595440	1.1169538		-3.7	30
13C12-1,2,3,4,7,8,9-HpCDF	A	100.00	113	0.7577241	0.8577487		13.2	30
13C12-1,2,3,4,6,7,8-HpCDD	A	100.00	103	0.8721821	0.9021652		3.4	30

* Values outside of QC limits



INITIAL CALIBRATION CHECK
EPA 1613B

Laboratory:	<u>Analytical Resources, Inc.</u>	SDG:	<u>16K0124</u>
Client:	<u>Anchor QEA, LLC</u>	Project:	<u>Port Gamble Shellfish Monitoring</u>
Instrument ID:	<u>AUTOSPEC01</u>	Calibration:	<u>AA00071</u>
Lab File ID:	<u>17020802</u>	Calibration Date:	<u>01/25/17 11:42</u>
Sequence:	<u>SFB0085</u>	Injection Date:	<u>02/08/17</u>
Lab Sample ID:	<u>SFB0085-ICV1</u>	Injection Time:	<u>11:22</u>
Sequence Name:	<u>CS301</u>		

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DRIFT/DIFF	
		STD	ICV	ICAL	ICV	MIN	ICV	LIMIT
13C12-OCDD	A	200.00	207	0.6553896	0.6781289		3.5	30
37C14-2,3,7,8-TCDD	A	10.000	10.3	1.0732750	1.1001365		2.5	

* Values outside of QC limits

Quantify Sample Summary Report **MassLynx MassLynx V4.1 SCN909**

Dataset: C:\MassLynx\Dioxin.pro\170208OP.qld
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 Printed: Wednesday, February 22, 2017 13:55:49 Pacific Standard Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170201.mdb 01 Feb 2017 14:00:04
Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170124ICAL.cdb 25 Jan 2017 09:33:34

ID: CS301, Name: 17020802, Date: 08-Feb-2017, Time: 11:22:44, Conditions: AUTOSPEC01, User: PK

Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
2378-TCDF	26.153	1.001	8.98e4	1.17e5	0.924	0.765	0.770	1114	1377	1.35e6	1.80e6	1208.9	NO	10.121
12378-PeCDF	30.306	1.001	5.18e5	3.45e5	0.954	1.504	1.550	3289	3091	7.64e6	5.07e6	2323.5	NO	47.906
23478-PeCDF	31.654	1.001	5.75e5	3.80e5	0.966	1.512	1.550	3289	3091	8.74e6	5.68e6	2656.2	NO	49.374
123478-HxCDF	35.337	1.001	4.70e5	3.84e5	1.141	1.224	1.240	3415	2828	7.22e6	5.86e6	2113.5	NO	50.099
234678-HxCDF	36.433	1.001	4.63e5	3.70e5	1.181	1.251	1.240	3415	2828	6.82e6	5.52e6	1996.6	NO	49.408
123678-HxCDF	35.479	1.001	4.85e5	3.91e5	1.089	1.242	1.240	3415	2828	7.22e6	5.80e6	2113.2	NO	50.169
123789-HxCDF	37.562	1.000	3.81e5	3.00e5	1.110	1.270	1.240	3415	2828	5.79e6	4.59e6	1695.8	NO	47.777
1234678-HpCDF	39.634	1.000	3.86e5	3.77e5	1.267	1.024	1.050	1942	2330	5.61e6	5.51e6	2888.7	NO	48.910
1234789-HpCDF	42.352	1.000	3.02e5	2.87e5	1.295	1.052	1.050	1942	2330	3.80e6	3.63e6	1959.0	NO	48.125
OCDF	47.668	1.006	4.12e5	4.64e5	1.067	0.887	0.890	2075	1576	4.08e6	4.58e6	1966.6	NO	109.850
2378-TCDD	26.796	1.001	6.29e4	8.34e4	1.150	0.755	0.770	1794	1999	9.02e5	1.20e6	502.6	NO	9.795
12378-PeCDD	31.906	1.001	3.59e5	2.28e5	1.017	1.575	1.550	2604	2387	5.39e6	3.40e6	2071.9	NO	48.432
123478-HxCDD	36.565	1.001	3.31e5	2.67e5	1.017	1.243	1.240	2431	1931	5.06e6	4.00e6	2081.8	NO	50.475
123678-HxCDD	36.685	1.000	3.32e5	2.73e5	0.964	1.217	1.240	2431	1931	4.97e6	4.06e6	2042.9	NO	51.687
123789-HxCDD	37.124	1.012	3.32e5	2.63e5	0.948	1.260	1.240	2431	1931	4.90e6	3.90e6	2015.2	NO	52.741
1234678-HpCDD	41.453	1.000	2.62e5	2.51e5	1.051	1.044	1.050	1609	1831	3.53e6	3.36e6	2192.4	NO	49.160
OCDD	47.390	1.000	3.52e5	4.05e5	1.030	0.868	0.890	2059	1391	3.62e6	4.11e6	1760.1	NO	98.364
13C-2378-TCDF	26.138	1.007	9.74e5	1.24e6	1.515	0.785	0.770	6952	3521	1.45e7	1.84e7	2082.6	NO	102.380
13C-12378-PeCDF	30.284	1.167	1.16e6	7.29e5	1.276	1.592	1.550	3918	3844	1.79e7	1.11e7	4559.6	NO	103.602
13C-23478-PeCDF	31.632	1.219	1.23e6	7.76e5	1.257	1.580	1.550	3918	3844	1.87e7	1.19e7	4775.5	NO	111.462
13C-123478-HxCDF	35.315	0.952	5.08e5	9.87e5	1.431	0.515	0.510	2379	3332	7.90e6	1.52e7	3320.2	NO	94.771
13C-123678-HxCDF	35.458	0.956	5.50e5	1.05e6	1.552	0.522	0.510	2379	3332	8.03e6	1.55e7	3374.1	NO	93.729
13C-234678-HxCDF	36.411	0.981	4.88e5	9.40e5	1.349	0.519	0.510	2379	3332	7.37e6	1.41e7	3096.6	NO	96.091
13C-123789-HxCDF	37.551	1.012	4.43e5	8.42e5	1.111	0.526	0.510	2379	3332	6.75e6	1.31e7	2835.5	NO	104.889
13C-1234678-HpCDF	39.623	1.068	3.79e5	8.52e5	1.160	0.445	0.440	2182	2261	5.54e6	1.23e7	2539.3	NO	96.327
13C-1234789-HpCDF	42.330	1.141	2.93e5	6.53e5	0.758	0.448	0.440	2182	2261	3.71e6	8.25e6	1698.4	NO	113.201
13C-2334-TCDD	25.959	0.000	6.36e5	7.92e5	1.000	0.803	0.770	2743	1680	9.48e6	1.20e7	3455.9	NO	100.000
13C-2378-TCDD	26.766	1.031	5.69e5	7.30e5	0.872	0.779	0.770	2743	1680	8.08e6	1.03e7	2944.0	NO	104.256
13C-23378-PeCDD	31.884	1.228	7.26e5	4.64e5	0.754	1.565	1.550	1684	1275	1.10e7	7.02e6	6533.1	NO	110.463
13C-123478-HxCDD	36.543	0.985	6.54e5	5.11e5	1.106	1.280	1.240	2667	2407	1.00e7	7.88e6	3753.4	NO	95.550
13C-123678-HxCDD	36.674	0.988	6.85e5	5.29e5	1.165	1.295	1.240	2667	2407	1.01e7	7.89e6	3784.7	NO	94.529
13C-1234678-HpCDD	41.431	1.117	5.07e5	4.87e5	0.872	1.041	1.050	2609	2116	6.75e6	6.45e6	2587.2	NO	103.438
13C-OCDD	47.372	1.277	7.15e5	7.80e5	0.655	0.916	0.890	1763	2032	7.10e6	7.87e6	4028.8	NO	206.939

Quantify Sample Summary Report **MassLynx MassLynx V4.1 SCN909**

Dataset: C:\MassLynx\Dioxin.pro\170208OP.qld
 Last Altered: Wednesday, February 08, 2017 13:07:42 Pacific Standard Time
 Printed: Wednesday, February 22, 2017 13:55:49 Pacific Standard Time

ID: CS301, Name: 17020802, Date: 08-Feb-2017, Time: 11:22:44, Conditions: AUTOSPEC01, User: PK

Name	RT	RRT	Ion1Area	Ion2Area	RRF	Ratio	Pred R	Noise 1	Noise 2	Height 1	Height 2	S/N	EMPC?	pg
13C-123769-HxCDD	37.102	0.000	6.14e5	4.88e5	1.000	1.260	1.240	2667	2407	9.30e6	7.41e6	3485.8	NO	100.000
Total-tetrafurans			2.93e5		0.924			1114		4.33e6				33.108
Total-penta1			7.20e5					707		1.05e7				67.063
Total-pentafurans			1.74e6		0.960			3289		2.58e7				154.007
Total-hexafurans			2.29e6		1.130			3415		3.45e7				251.859
Total-heptafurans			6.91e5		1.281			1942		9.48e6				97.444
Total-Furans			6.14e6		1.100			1114		8.87e7				713.366
Total-tetra-dioxins			3.43e5		1.150			1794		4.49e6				52.802
Total-penta-dioxins			1.39e6		1.017			2604		1.78e7				188.162
Total-hexa-dioxins			1.36e6		0.977			2431		2.05e7				212.114
Total-hepta-dioxins			5.70e5		1.051			1609		7.85e6				106.456
Total-Dioxins			4.02e6		1.025			1794		5.43e7				657.897
Total-TEQ			1.02e7					1794		1.43e8				1371.264
37CL-2378-TCDD	26.796	1.032	1.57e5		1.073			1503		2.25e6		1499.6		10.250
FUNCTION1 PFK			4.55e6					1211007		6.72e7				
FUNCTION2 PFK			1.22e5					156186		3.97e6				0.000
FUNCTION3 PFK			7.62e5					501398		7.13e6				0.000
FUNCTION4 PFK			8.43e5					332612		1.51e7				
FUNCTION5 PFK			2.25e5					261437		8.92e6				
FUNCTION1 HXCDPE			3.94e2					518		7.04e3				0.000
FUNCTION1 HPCDPE			1.75e2					530		2.28e3				0.000
FUNCTION2 HPCDPE			5.93e2					481		8.58e3				0.000
FUNCTION3 OCDPE			0.00e0					361		0.00e0				
FUNCTION4 NCDPE			7.94e1					681		1.86e3				0.000
FUNCTION5 DCDPE			0.00e0					421		0.00e0				

Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\1702080P.qld
Last Altered: Wednesday, February 08, 2017 13:07:42 Pacific Standard Time
Printed: Wednesday, February 22, 2017 13:55:49 Pacific Standard Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170201.mdb 01 Feb 2017 14:00:04
Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170124ICAL.cdb 25 Jan 2017 09:33:34

ID: CS301, Name: 17020802, Date: 08-Feb-2017, Time: 11:22:44, Conditions: AUTOSPEC01, User: PK

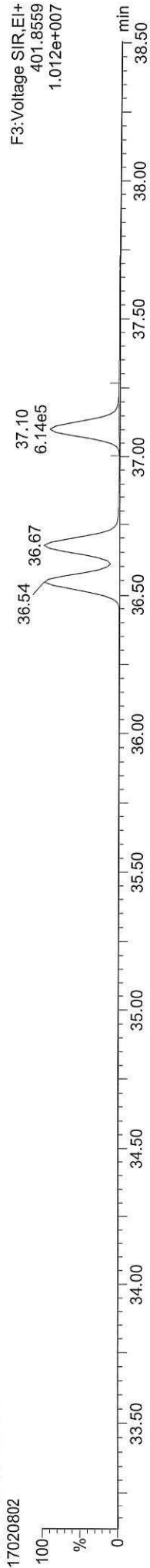
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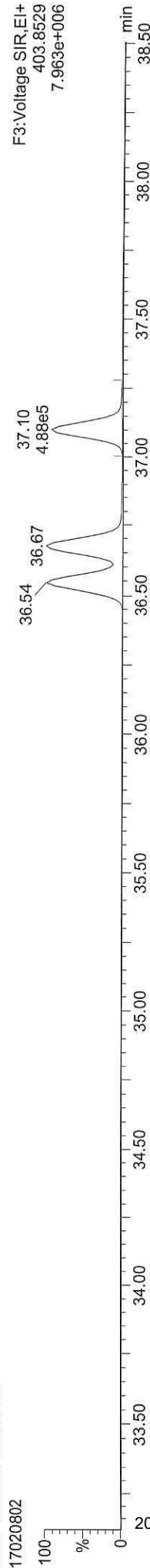
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13C-123789-HxCDD



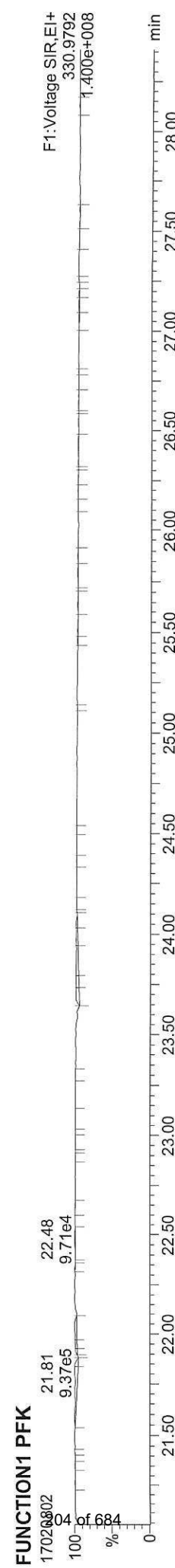
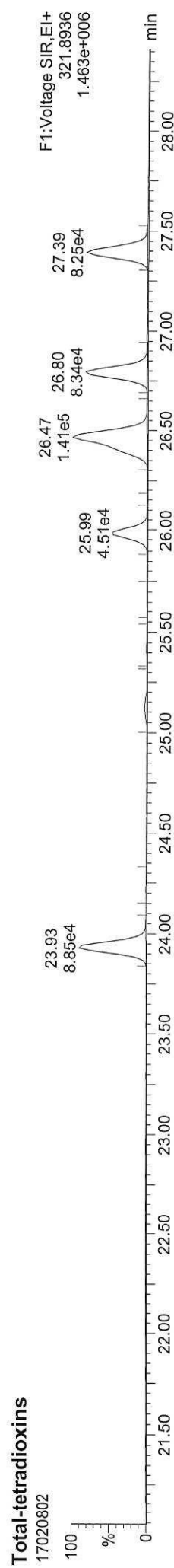
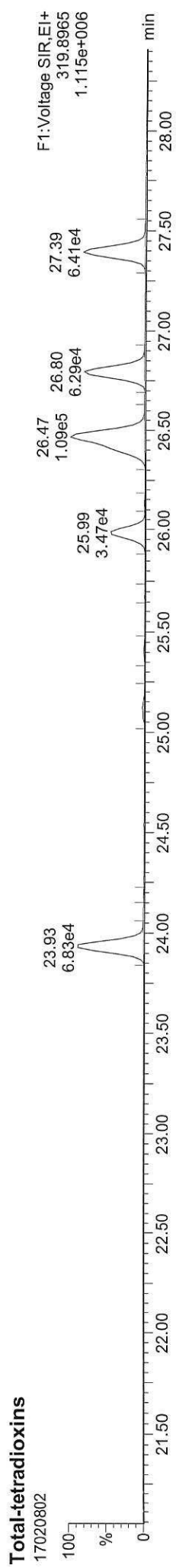
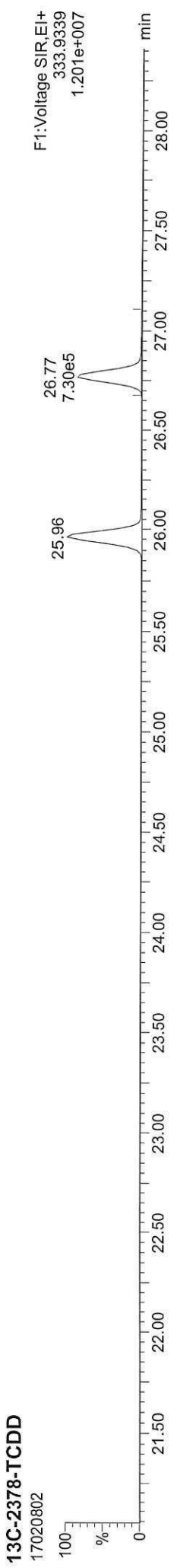
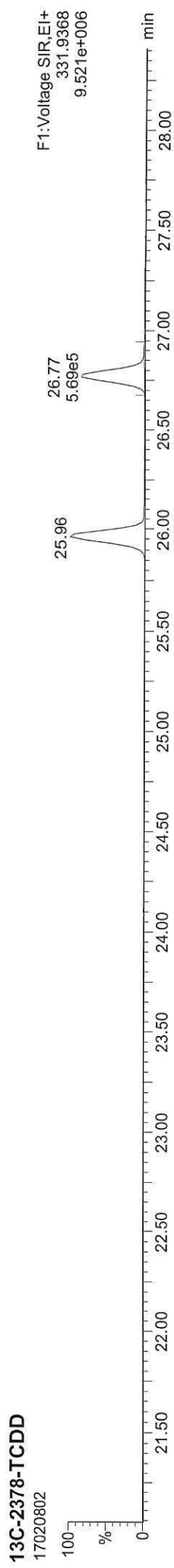
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Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\1702080P.qld
Last Altered: Wednesday, February 08, 2017 13:07:42 Pacific Standard Time
Printed: Wednesday, February 22, 2017 13:55:49 Pacific Standard Time

ID: CS301, Name: 17020802, Date: 08-Feb-2017, Time: 11:22:44, Conditions: AUTOSPEC01, User: PK

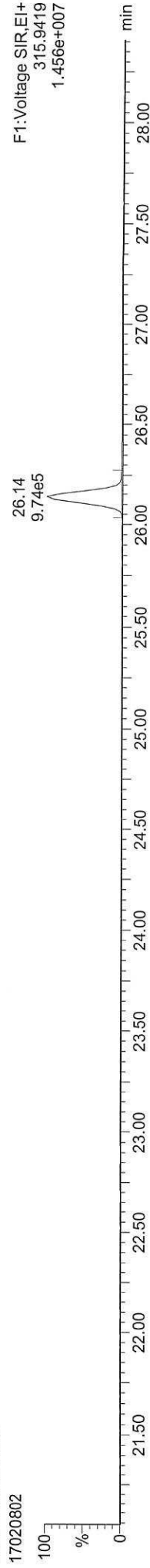


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

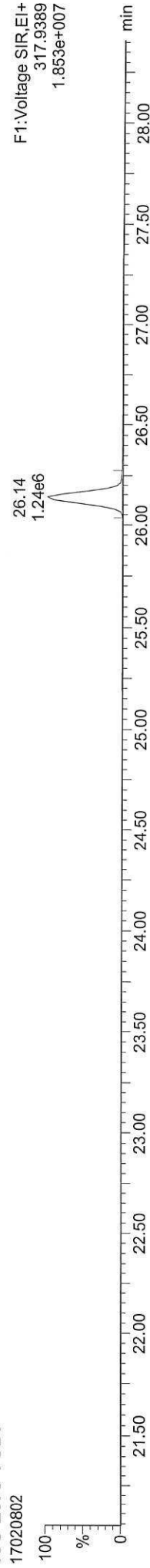
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Printed: Wednesday, February 22, 2017 13:55:49 Pacific Standard Time

ID: CS301, Name: 17020802, Date: 08-Feb-2017, Time: 11:22:44, Conditions: AUTOSPEC01, User: PK

13C-2378-TCDF



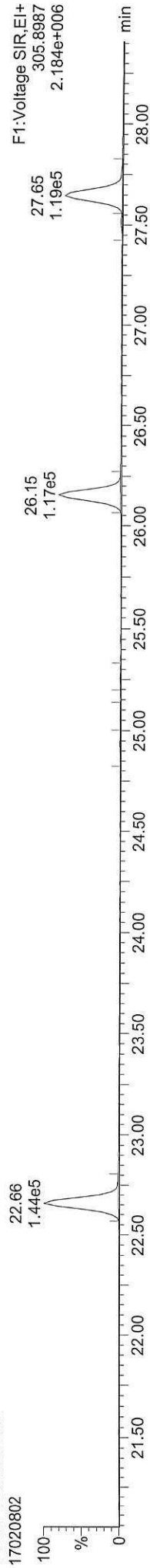
13C-2378-TCDF



Total-tetrafurans



Total-tetrafurans



FUNCTION1 HXCDPE

