

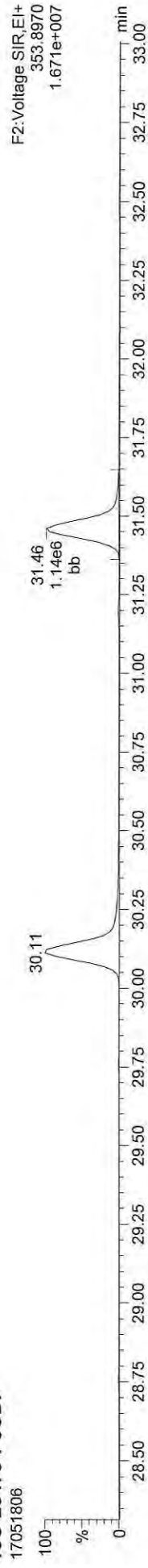
Quantify Sample Report **MassLynx MassLynx V4.1 SCN909**
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:51 Pacific Daylight Time

ID: CS1, Name: 17051806, Date: 18-May-2017, Time: 20:16:01, Conditions: AUTOSPEC01, User: pk

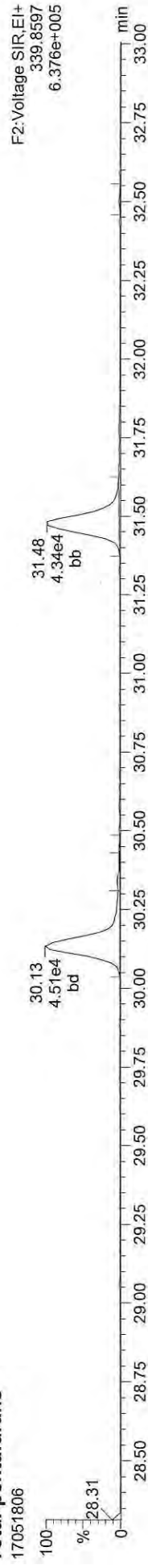
13C-23478-PeCDF



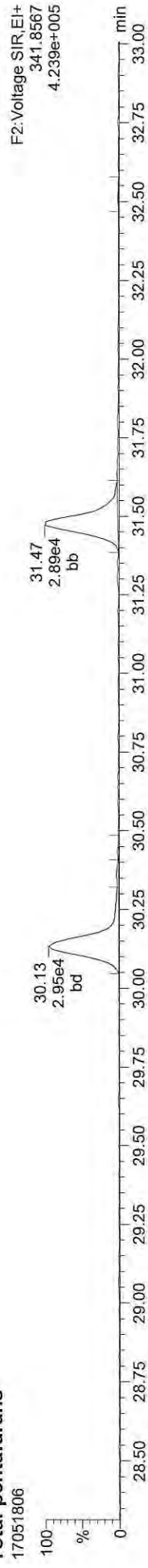
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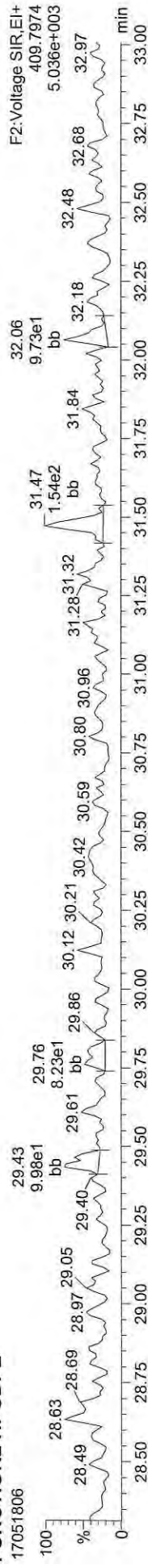
Total-pentafurans



Total-pentafurans



FUNCTION2 HPCDPE

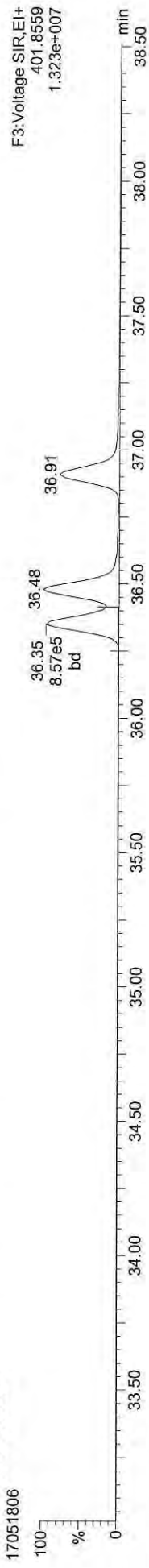


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

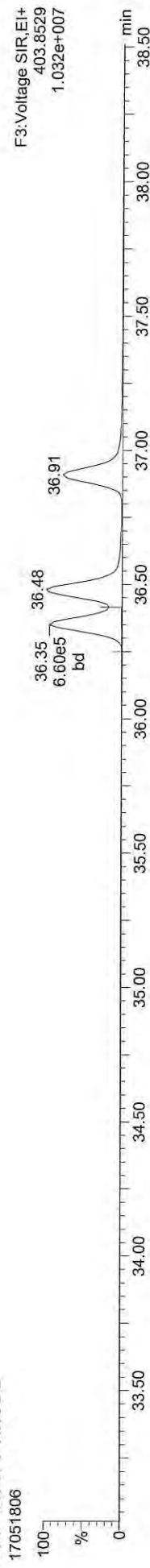
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Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:51 Pacific Daylight Time

ID: CS1, Name: 17051806, Date: 18-May-2017, Time: 20:16:01, Conditions: AUTOSPEC01, User: pk

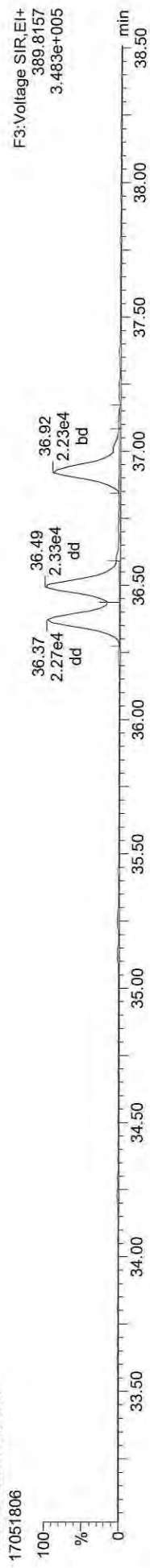
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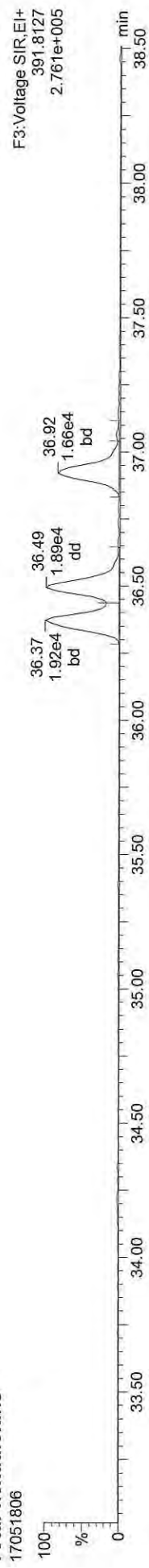
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Total-hexadioxins



Total-hexadioxins



FUNCTION3 PFK

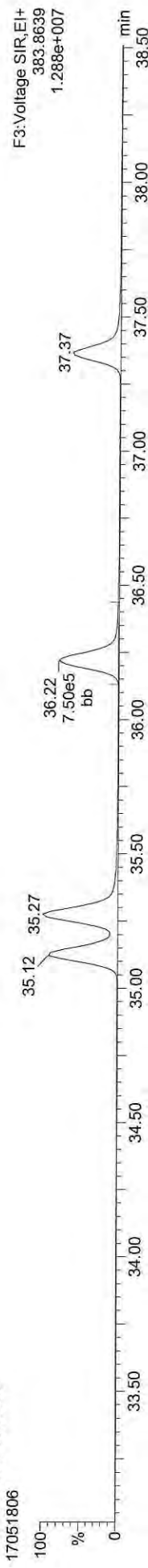


Quantify Sample Report

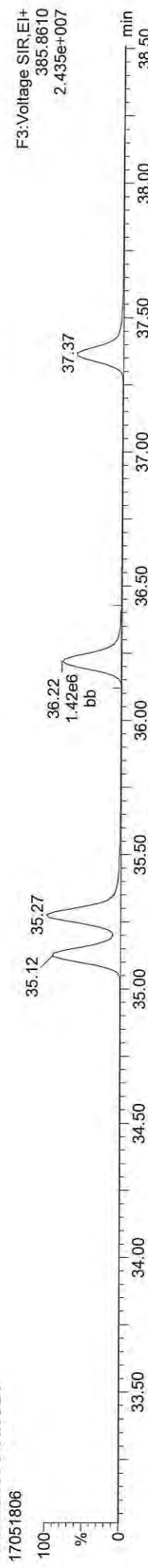
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:51 Pacific Daylight Time

ID: CS1, Name: 17051806, Date: 18-May-2017, Time: 20:16:01, Conditions: AUTOSPEC01, User: pk

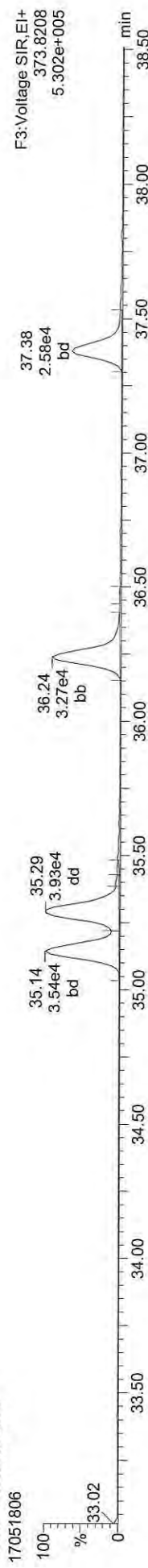
13C-234678-HxCDF



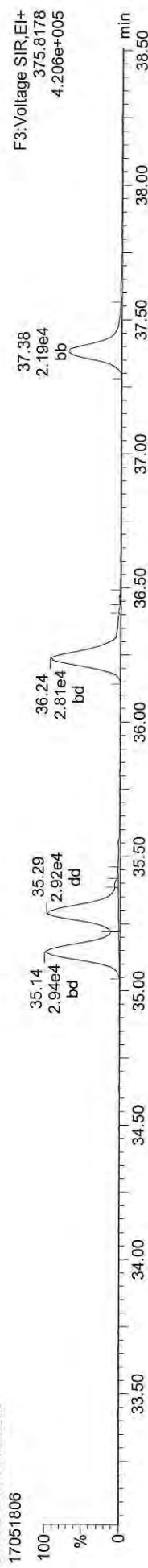
13C-234678-HxCDF



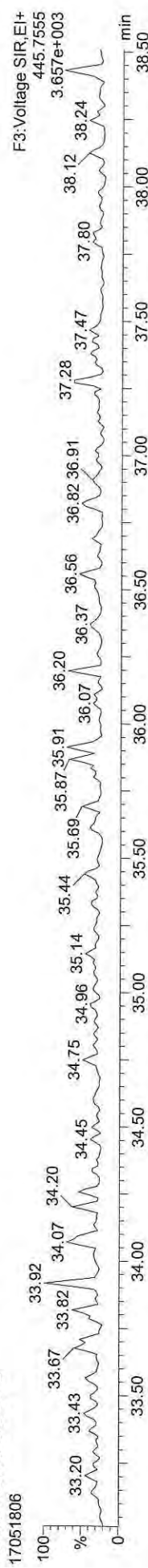
Total-hexafurans



Total-hexafurans



FUNCTION3 OCDFE

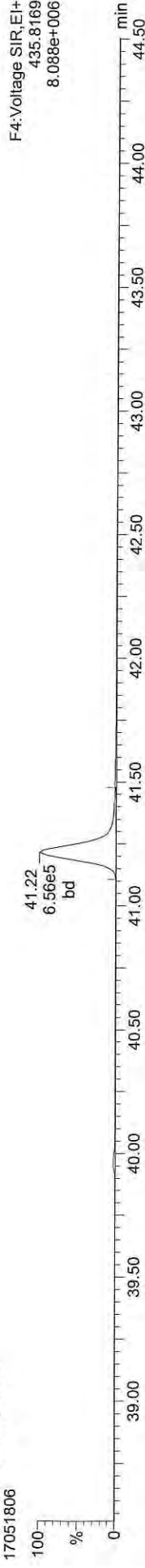


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

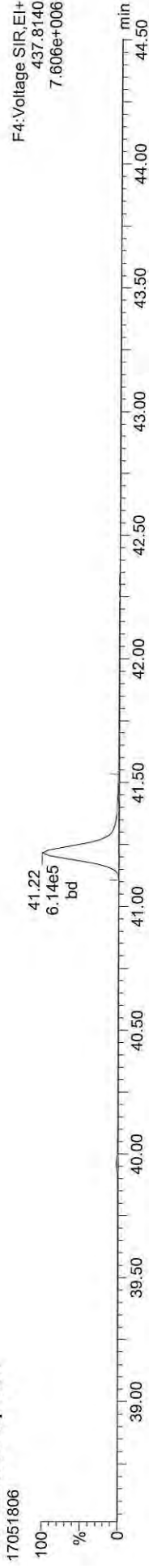
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Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:51 Pacific Daylight Time

ID: CS1, Name: 17051806, Date: 18-May-2017, Time: 20:16:01, Conditions: AUTOSPEC01, User: pk

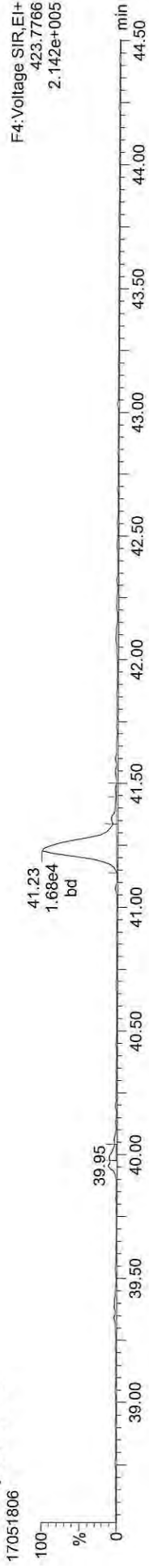
13C-1234678-HpCDD



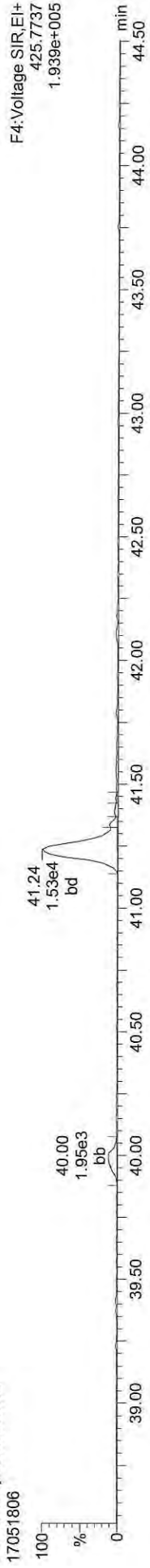
13C-1234678-HpCDD



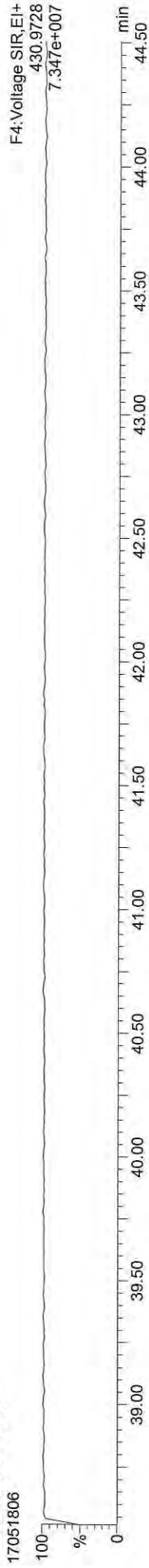
Total-heptadioxins



Total-heptadioxins



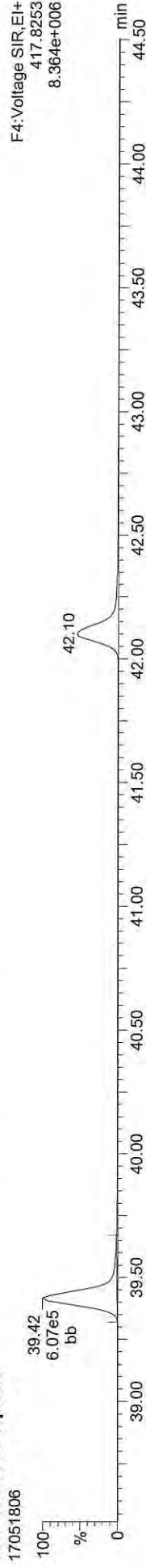
FUNCTION4 PFK



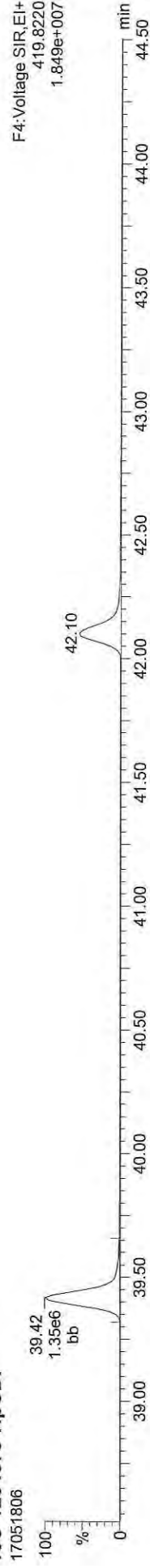
Quantify Sample Report
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:51 Pacific Daylight Time

ID: CS1, Name: 17051806, Date: 18-May-2017, Time: 20:16:01, Conditions: AUTOSPEC01, User: pk

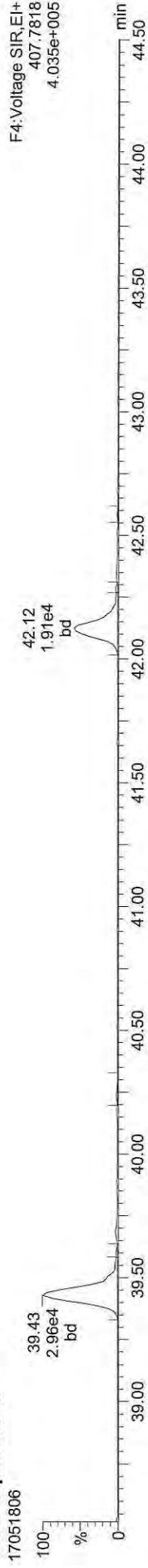
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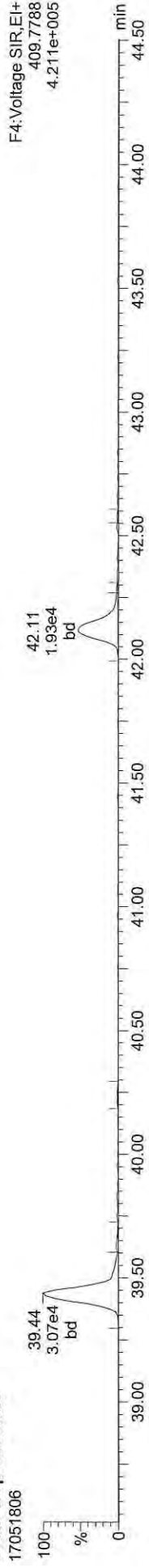
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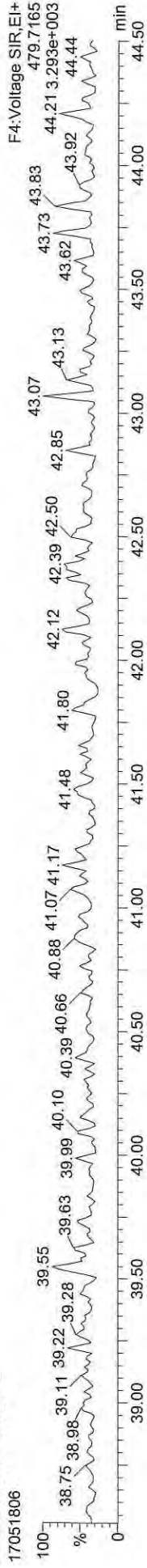
Total-heptafulurans



Total-heptafulurans



FUNCTION4 NCDPE



Quantify Sample Report

MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld

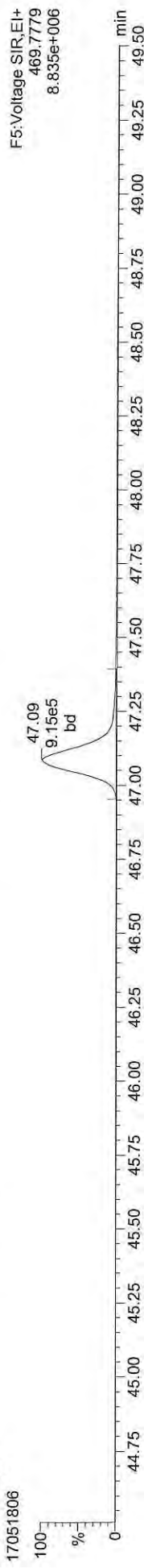
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time

Printed: Friday, May 19, 2017 13:58:51 Pacific Daylight Time

ID: CS1, Name: 17051806, Date: 18-May-2017, Time: 20:16:01, Conditions: AUTOSPEC01, User: pk

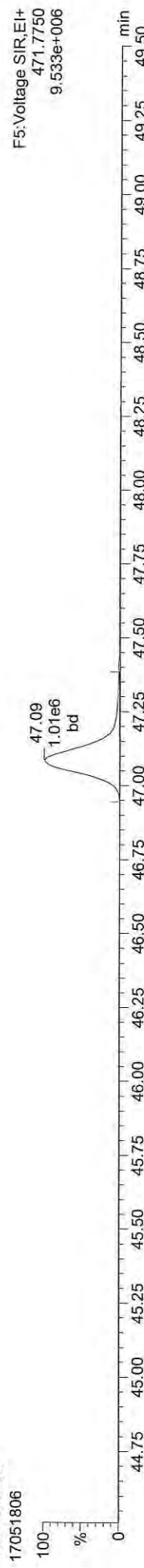
13C-OCDD

17051806



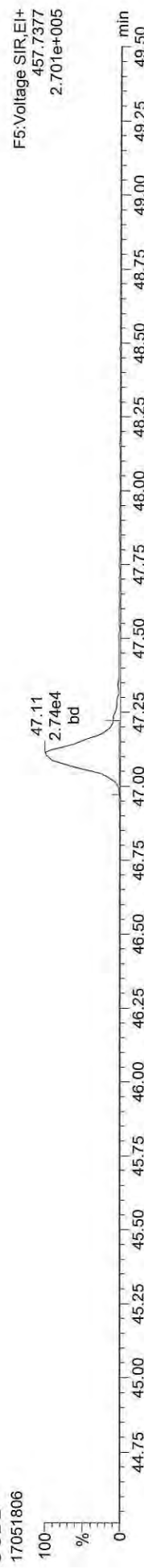
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17051806



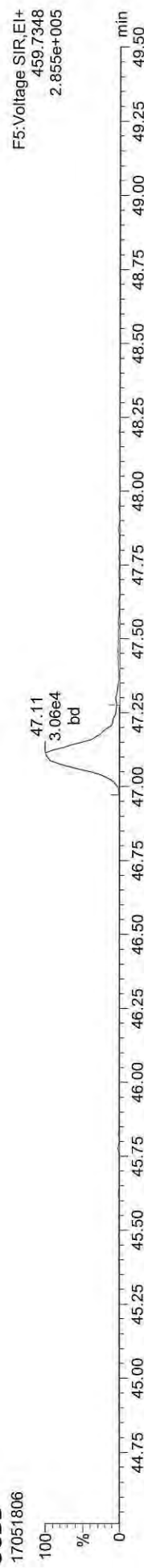
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17051806



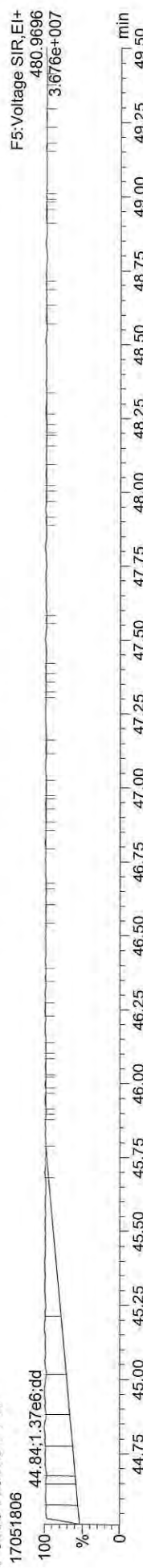
OCDD

17051806



FUNCTION5 PFK

17051806

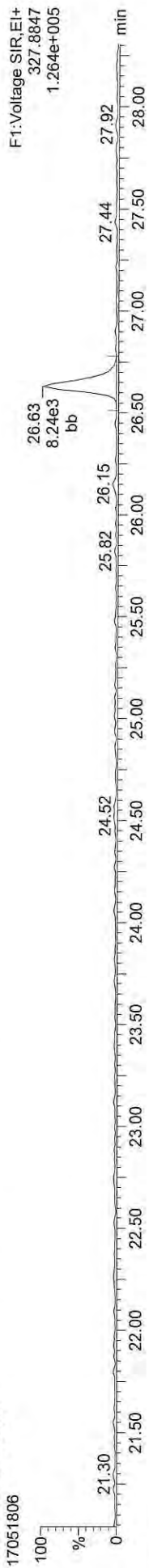


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

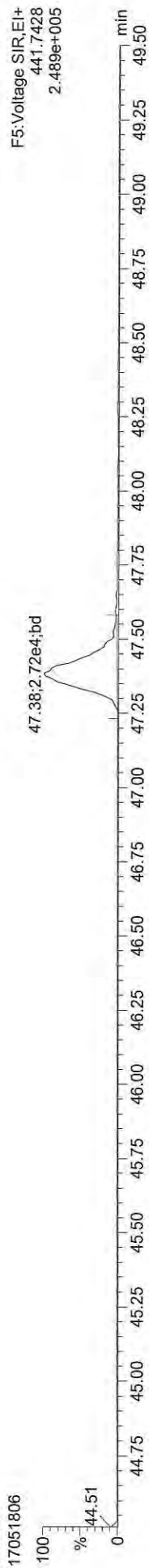
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Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:51 Pacific Daylight Time

ID: CS1, Name: 17051806, Date: 18-May-2017, Time: 20:16:01, Conditions: AUTOSPEC01, User: pk

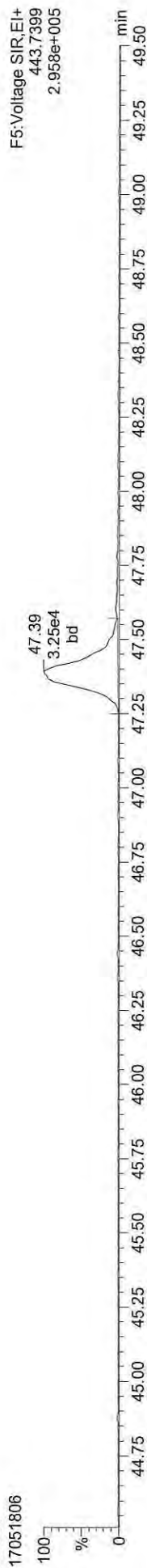
37CL-2378-TCDD



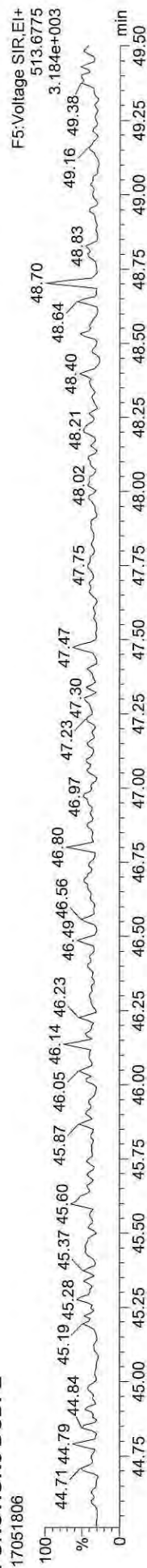
OCDF



OCDF



FUNCTION5 DCDPE



Dataset: C:\MassLynx\Dioxin.pro\170518\IC1H.qld

Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time

Printed: Friday, May 19, 2017 13:58:53 Pacific Daylight Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170518.mdb 18 May 2017 15:01:42

Calibration: 19 May 2017 13:57:26

ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk

| Compound | RT | RRT | Ion1Area | Ion2Area | RRF | Ratio | Pred R | Noise 1 | Noise 2 | Height 1 | Height 2 | S/N 1 | SNFlag | EMPC | Int.1 | Int.2 | pg |
|-------------------|--------|-------|----------|----------|-------|-------|--------|---------|---------|----------|----------|--------|--------|------|-------|-------|---------|
| 2378-TCDF | 26.003 | 1.001 | 2.509e4 | 3.127e4 | 1.018 | 0.802 | 0.770 | 923 | 2052 | 3.49e5 | 4.36e5 | 378.7 | YES | NO | bd | bb | 1.927 |
| 12378-PeCDF | 30.135 | 1.000 | 1.621e5 | 1.070e5 | 0.977 | 1.515 | 1.550 | 2728 | 2940 | 2.29e6 | 1.49e6 | 840.4 | YES | NO | bd | bd | 9.670 |
| 23478-PeCDF | 31.483 | 1.001 | 1.611e5 | 1.073e5 | 1.019 | 1.501 | 1.550 | 2728 | 2940 | 2.36e6 | 1.51e6 | 863.7 | YES | NO | bb | bd | 9.713 |
| 123478-HxCDF | 35.155 | 1.001 | 1.259e5 | 1.036e5 | 1.150 | 1.216 | 1.240 | 2397 | 2681 | 1.86e6 | 1.47e6 | 775.3 | YES | NO | bd | bd | 9.607 |
| 234678-HxCDF | 36.240 | 1.001 | 1.221e5 | 1.060e5 | 1.188 | 1.152 | 1.240 | 2397 | 2681 | 1.66e6 | 1.40e6 | 693.9 | YES | NO | bb | bd | 9.684 |
| 123678-HxCDF | 35.298 | 1.001 | 1.388e5 | 1.217e5 | 1.100 | 1.140 | 1.240 | 2397 | 2681 | 1.88e6 | 1.56e6 | 784.6 | YES | NO | db | dd | 10.009 |
| 123789-HxCDF | 37.391 | 1.001 | 8.952e4 | 7.905e4 | 1.116 | 1.132 | 1.240 | 2397 | 2681 | 1.26e6 | 1.08e6 | 524.3 | YES | NO | bb | bd | 9.434 |
| 1234678-HpCDF | 39.440 | 1.001 | 1.037e5 | 1.079e5 | 1.238 | 0.961 | 1.050 | 3005 | 1997 | 1.38e6 | 1.44e6 | 460.1 | YES | NO | bd | bd | 9.790 |
| 1234789-HpCDF | 42.126 | 1.001 | 7.092e4 | 6.943e4 | 1.257 | 1.021 | 1.050 | 3005 | 1997 | 8.19e5 | 7.87e5 | 272.6 | YES | NO | bd | bd | 9.307 |
| OCDF | 47.384 | 1.006 | 1.062e5 | 1.230e5 | 1.321 | 0.864 | 0.890 | 2018 | 2067 | 1.01e6 | 1.08e6 | 501.4 | YES | NO | bd | bd | 19.011 |
| 2378-TCDD | 26.646 | 1.001 | 1.424e4 | 1.794e4 | 1.244 | 0.794 | 0.770 | 787 | 732 | 1.99e5 | 2.43e5 | 252.8 | YES | NO | bb | bb | 1.741 |
| 12378-PeCDD | 31.724 | 1.000 | 8.931e4 | 5.626e4 | 1.058 | 1.588 | 1.550 | 1871 | 1636 | 1.24e6 | 7.86e5 | 662.5 | YES | NO | bd | bd | 9.710 |
| 123478-HxCDD | 36.372 | 1.000 | 8.462e4 | 6.406e4 | 1.119 | 1.321 | 1.240 | 2259 | 1823 | 1.26e6 | 9.41e5 | 559.4 | YES | NO | bd | bd | 9.886 |
| 123678-HxCDD | 36.503 | 1.001 | 8.924e4 | 7.167e4 | 1.040 | 1.245 | 1.240 | 2259 | 1823 | 1.18e6 | 9.52e5 | 521.2 | YES | NO | dd | dd | 9.886 |
| 123789-HxCDD | 36.931 | 1.012 | 7.626e4 | 6.091e4 | 0.981 | 1.252 | 1.240 | 2259 | 1823 | 1.05e6 | 8.23e5 | 464.2 | YES | NO | bd | bd | 9.619 |
| 1234678-HpCDD | 41.238 | 1.001 | 6.050e4 | 5.794e4 | 1.132 | 1.044 | 1.050 | 1676 | 1348 | 7.47e5 | 7.15e5 | 445.4 | YES | NO | dd | bd | 9.190 |
| OCDD | 47.106 | 1.000 | 9.005e4 | 1.019e5 | 1.117 | 0.884 | 0.890 | 1689 | 2060 | 8.76e5 | 9.58e5 | 518.6 | YES | NO | bd | bd | 18.825 |
| 13C-2378-TCDF | 25.989 | 1.007 | 1.279e6 | 1.592e6 | 1.685 | 0.803 | 0.770 | 6851 | 3986 | 1.79e7 | 2.23e7 | 2619.6 | YES | NO | bb | bb | 98.594 |
| 13C-12378-PeCDF | 30.124 | 1.167 | 1.768e6 | 1.082e6 | 1.706 | 1.634 | 1.550 | 5367 | 4019 | 2.39e7 | 1.50e7 | 4460.9 | YES | NO | bd | bb | 96.628 |
| 13C-23478-PeCDF | 31.461 | 1.219 | 1.665e6 | 1.046e6 | 1.632 | 1.592 | 1.550 | 5367 | 4019 | 2.44e7 | 1.52e7 | 4543.2 | YES | NO | bb | bb | 96.108 |
| 13C-123478-HxCDF | 35.133 | 0.952 | 7.114e5 | 1.366e6 | 1.682 | 0.521 | 0.510 | 4131 | 6323 | 1.01e7 | 1.92e7 | 2441.9 | YES | NO | bd | bd | 99.756 |
| 13C-123678-HxCDF | 35.276 | 0.956 | 8.093e5 | 1.557e6 | 1.945 | 0.520 | 0.510 | 4131 | 6323 | 1.12e7 | 2.13e7 | 2709.0 | YES | NO | db | db | 98.262 |
| 13C-234678-HxCDF | 36.218 | 0.981 | 6.919e5 | 1.292e6 | 1.582 | 0.536 | 0.510 | 4131 | 6323 | 9.25e6 | 1.75e7 | 2238.6 | YES | NO | bb | bd | 101.295 |
| 13C-123789-HxCDF | 37.369 | 1.012 | 5.564e5 | 1.045e6 | 1.291 | 0.533 | 0.510 | 4131 | 6323 | 7.61e6 | 1.42e7 | 1841.0 | YES | NO | bd | bb | 100.212 |
| 13C-1234678-HpCDF | 39.418 | 1.068 | 5.514e5 | 1.195e6 | 1.427 | 0.461 | 0.440 | 3530 | 5377 | 7.21e6 | 1.59e7 | 2042.6 | YES | NO | bd | bb | 98.888 |
| 13C-1234789-HpCDF | 42.104 | 1.141 | 3.709e5 | 8.285e5 | 0.957 | 0.448 | 0.440 | 3530 | 5377 | 4.24e6 | 9.22e6 | 1200.7 | YES | NO | bb | bd | 101.262 |
| 13C-1234-TCDD | 25.809 | 0.000 | 7.665e5 | 9.623e5 | 1.000 | 0.797 | 0.770 | 3284 | 1751 | 1.13e7 | 1.41e7 | 3426.3 | YES | NO | bb | bb | 100.000 |
| 13C-2378-TCDD | 26.616 | 1.031 | 6.545e5 | 8.308e5 | 0.873 | 0.788 | 0.770 | 3284 | 1751 | 9.02e6 | 1.16e7 | 2745.3 | YES | NO | bb | bb | 98.445 |
| 13C-12378-PeCDD | 31.713 | 1.229 | 8.657e5 | 5.510e5 | 0.860 | 1.571 | 1.550 | 1779 | 1530 | 1.25e7 | 7.80e6 | 7038.7 | YES | NO | bb | bd | 95.284 |
| 13C-123478-HxCDD | 36.361 | 0.985 | 7.611e5 | 5.827e5 | 1.114 | 1.306 | 1.240 | 3204 | 2769 | 1.12e7 | 8.50e6 | 3494.4 | YES | NO | bd | bd | 97.487 |
| 13C-123678-HxCDD | 36.481 | 0.988 | 8.888e5 | 6.760e5 | 1.258 | 1.315 | 1.240 | 3204 | 2769 | 1.18e7 | 9.18e6 | 3670.5 | YES | NO | db | db | 100.454 |
| 13C-1234678-HpCDD | 41.216 | 1.117 | 5.878e5 | 5.508e5 | 0.924 | 1.067 | 1.050 | 3796 | 2703 | 7.01e6 | 6.59e6 | 1846.8 | YES | NO | bd | bd | 99.596 |
| 13C-OCDD | 47.088 | 1.276 | 8.778e5 | 9.478e5 | 0.738 | 0.926 | 0.890 | 2642 | 3530 | 8.20e6 | 9.06e6 | 3105.0 | YES | NO | bd | bb | 199.760 |

Dataset: C:\MassLynx\Dioxin.pro\170518\IC1H.qld

Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time

Printed: Friday, May 19, 2017 13:58:53 Pacific Daylight Time

ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk

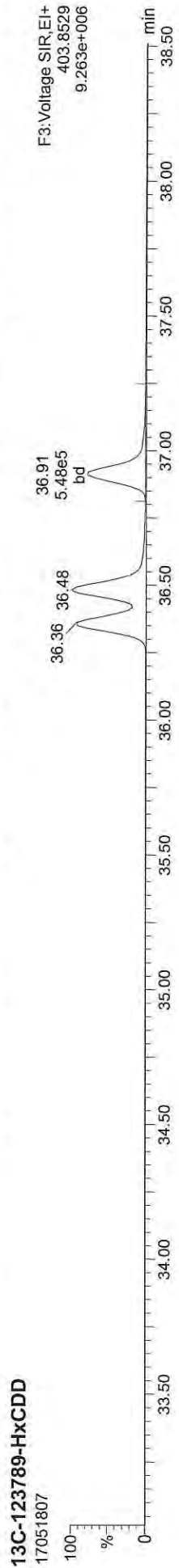
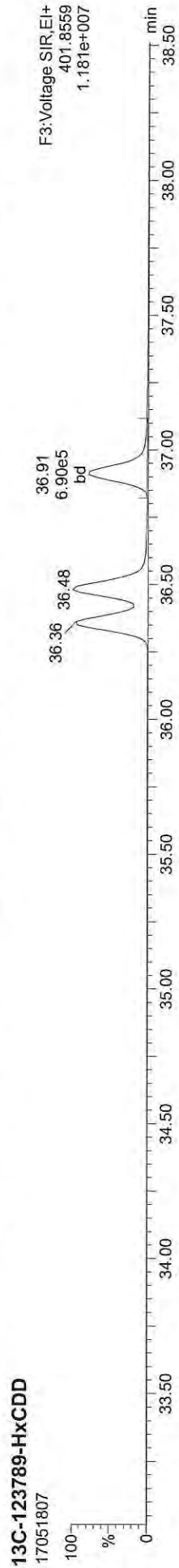
| Compound | RT | RRT | Ion1Area | Ion2Area | RRF | Ratio | Pred R | Noise 1 | Noise 2 | Height 1 | Height 2 | S/N 1 | SNFlag | EMPC | Int.1 | Int.2 | pg |
|---------------------|--------|-------|----------|----------|-------|-------|--------|---------|---------|----------|----------|--------|--------|------|-------|-------|---------|
| 13C-123789-HxCDD | 36.909 | 0.000 | 6.898e5 | 5.479e5 | 1.000 | 1.259 | 1.240 | 3204 | 2769 | 9.19e6 | 7.16e6 | 2869.3 | YES | NO | bd | bd | 100.000 |
| Total-tetraturans | | | 2.525e4 | 1.018 | | | | 923 | | 3.53e5 | | | | | | | 1.943 |
| Total-penta1 | | | 0.000e0 | | | | | 571 | | 0.00e0 | | | | | | | |
| Total-pentaturans | | | 3.322e5 | 0.998 | | | | 2728 | | 4.76e6 | | | | | | | 19.858 |
| Total-hexaturans | | | 4.768e5 | 1.138 | | | | 2397 | | 6.67e6 | | | | | | | 38.817 |
| Total-heptaturans | | | 1.763e5 | 1.248 | | | | 3005 | | 2.24e6 | | | | | | | 19.412 |
| Total-Furans | | | 1.117e6 | 1.138 | | | | 923 | | 1.50e7 | | | | | | | 99.040 |
| Total-tetradiioxins | | | 1.476e4 | 1.244 | | | | 787 | | 2.06e5 | | | | | | | 1.794 |
| Total-pentadiioxins | | | 8.990e4 | 1.058 | | | | 1871 | | 1.26e6 | | | | | | | 9.786 |
| Total-hexadiioxins | | | 2.523e5 | 1.047 | | | | 2259 | | 3.54e6 | | | | | | | 29.657 |
| Total-heptadiioxins | | | 6.201e4 | 1.132 | | | | 1676 | | 7.67e5 | | | | | | | 9.414 |
| Total-Dioxins | | | 5.091e5 | 1.099 | | | | 787 | | 6.65e6 | | | | | | | 69.477 |
| Total-TEQ | | | 1.626e6 | | | | | 787 | | 2.17e7 | | | | | | | 168.516 |
| 37CL-2378-TCDD | 26.631 | 1.032 | 3.272e4 | 1.021 | | | | 1760 | | 4.42e5 | | 250.9 | YES | | bb | | 1.853 |
| FUNCTION1 PFK | | | 6.242e7 | | | | | 890014 | | 3.29e8 | | | | | | | 0.000 |
| FUNCTION2 PFK | | | 3.317e5 | | | | | 158220 | | 1.00e7 | | | | | | | 0.000 |
| FUNCTION3 PFK | | | 3.316e7 | | | | | 881065 | | 1.16e8 | | | | | | | |
| FUNCTION4 PFK | | | 6.069e5 | | | | | 664824 | | 1.57e7 | | | | | | | |
| FUNCTION5 PFK | | | 0.000e0 | | | | | 309650 | | 0.00e0 | | | | | | | |
| FUNCTION1 HXCDPE | | | 7.448e1 | | | | | 389 | | 1.99e3 | | | | | | | 0.000 |
| FUNCTION1 HPGDPE | | | 3.286e2 | | | | | 614 | | 7.10e3 | | | | | | | 0.000 |
| FUNCTION2 HPGDPE | | | 1.038e2 | | | | | 802 | | 2.23e3 | | | | | | | 0.000 |
| FUNCTION3 OCDPE | | | 0.000e0 | | | | | 330 | | 0.00e0 | | | | | | | |
| FUNCTION4 NCDPE | | | 0.000e0 | | | | | 634 | | 0.00e0 | | | | | | | |
| FUNCTION5 DCDPE | | | 0.000e0 | | | | | 525 | | 0.00e0 | | | | | | | |

Quantify Sample Report MassLynx MassLynx V4.1 SCN909

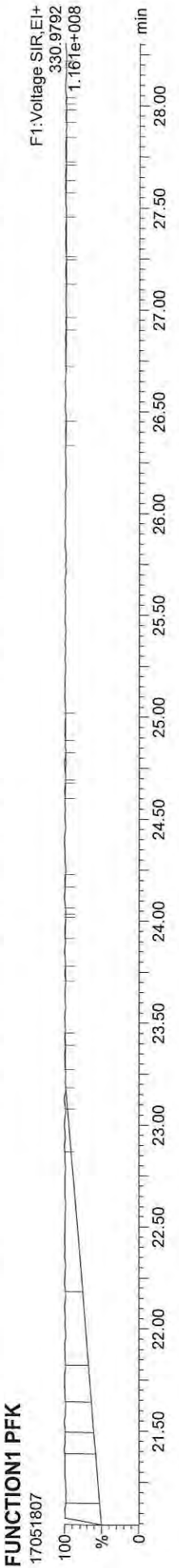
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Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:53 Pacific Daylight Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170518.mdb 18 May 2017 15:01:42
Calibration: 19 May 2017 13:57:26

ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk



ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk



ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk

13C-2378-TCDF

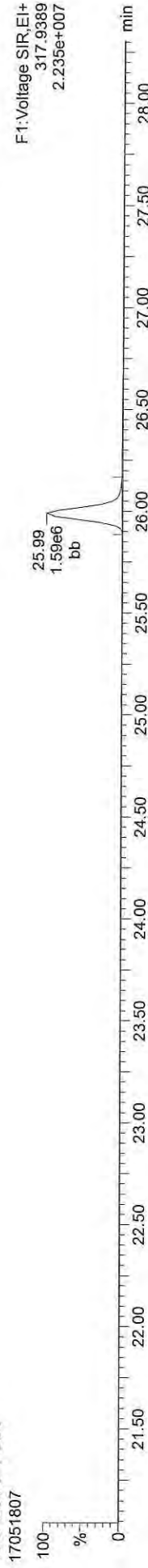
17051807



F1: Voltage SIR, EI+
315.9419
1.803e+007

13C-2378-TCDF

17051807



F1: Voltage SIR, EI+
317.9389
2.235e+007

Total-tetrafurans

17051807



F1: Voltage SIR, EI+
303.9016
3.513e+005

Total-tetrafurans

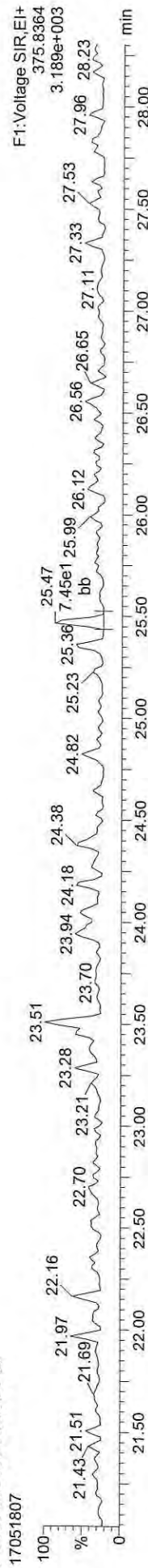
17051807



F1: Voltage SIR, EI+
305.8987
4.401e+005

FUNCTION1 HXGDPE

17051807



F1: Voltage SIR, EI+
375.8364
3.189e+003

Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:53 Pacific Daylight Time

ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk

13C-12378-PeCDD



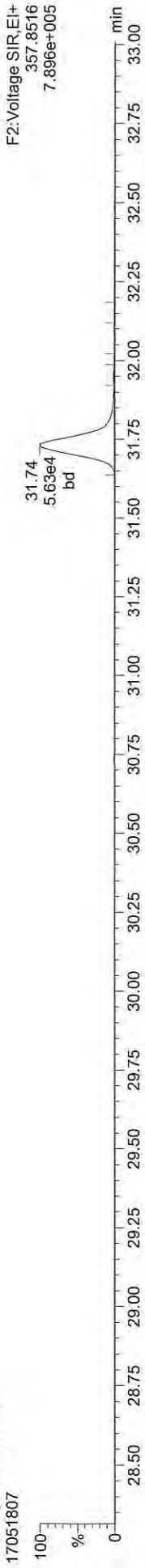
13C-12378-PeCDD



Total-pentadioxins



Total-pentadioxins



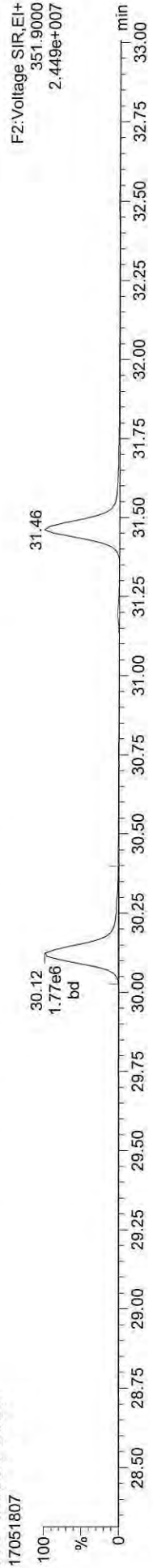
FUNCTION2 PFK



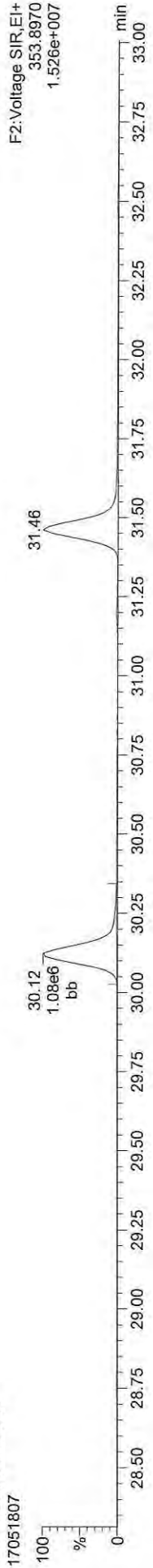
Quantify Sample Report MassLynx MassLynx V4.1 SCN909
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ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk

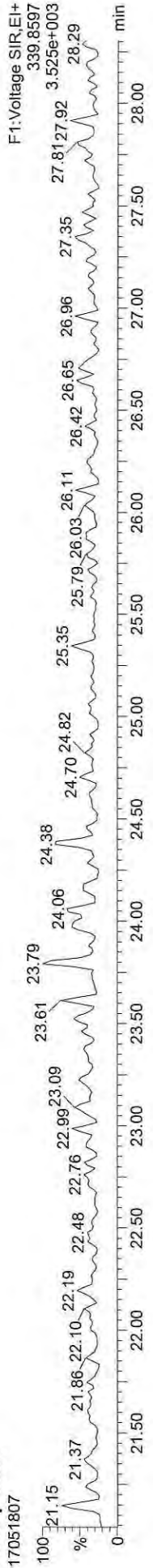
13C-12378-PeCDF
17051807



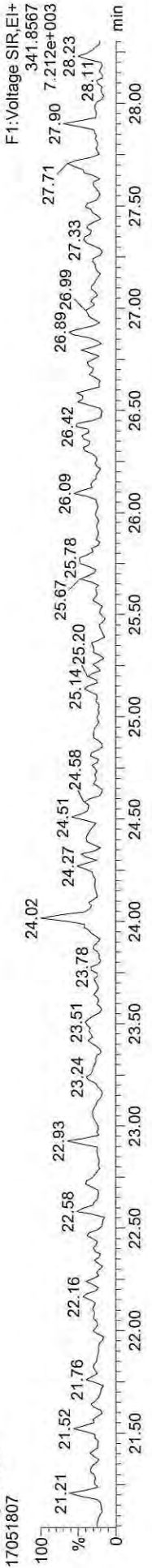
13C-12378-PeCDF
17051807



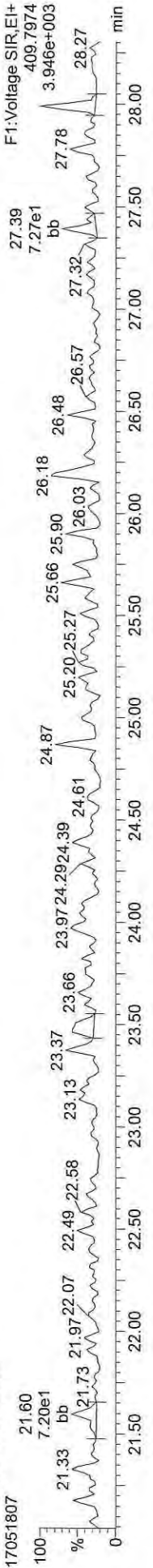
Total-penta1
17051807



Total-penta1
17051807



FUNCTION1 HPCDPE
17051807



Quantify Sample Report

MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:53 Pacific Daylight Time

ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk

13C-23478-PeCDF



13C-23478-PeCDF



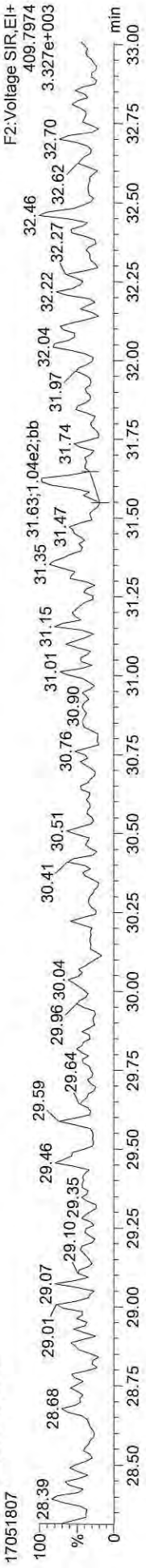
Total-pentafurans



Total-pentafurans

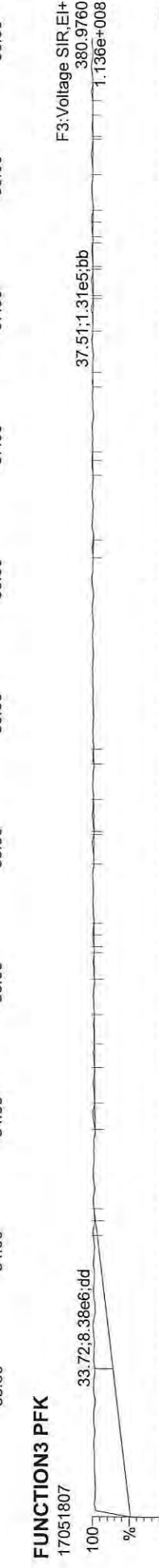
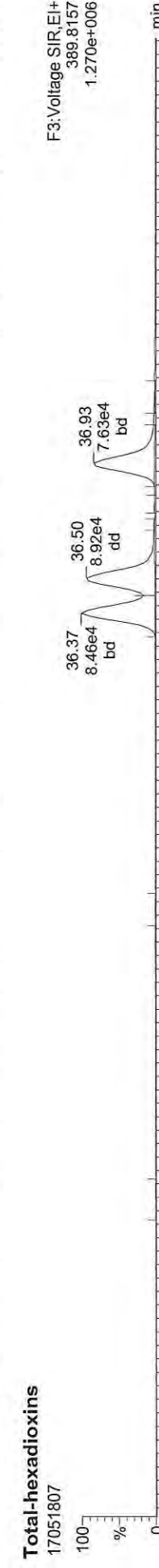
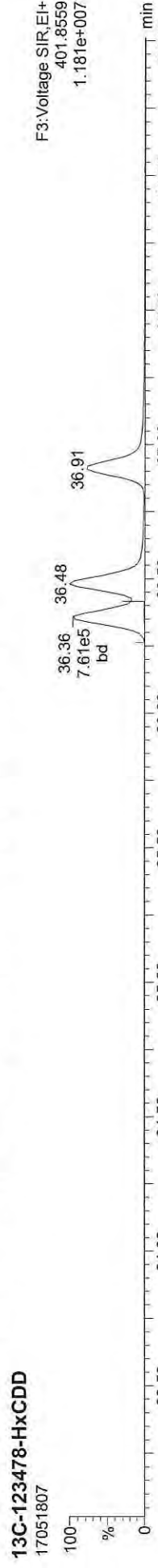


FUNCTION2 HPCDPE



Quantify Sample Report MassLynx MassLynx V4.1 SCN909
 Dataset: C:\MassLynx\DIoxin.pro\170518\IC1H.qld
 Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
 Printed: Friday, May 19, 2017 13:58:53 Pacific Daylight Time

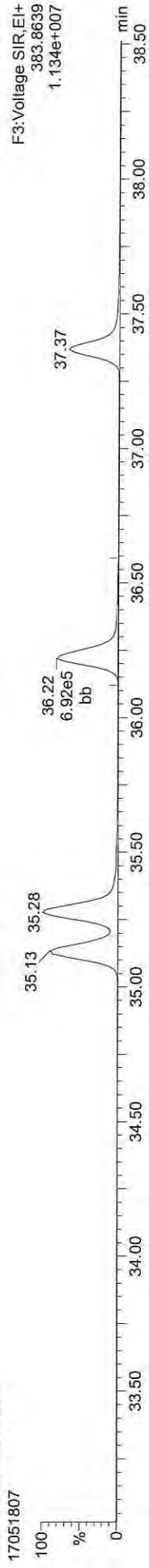
ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk



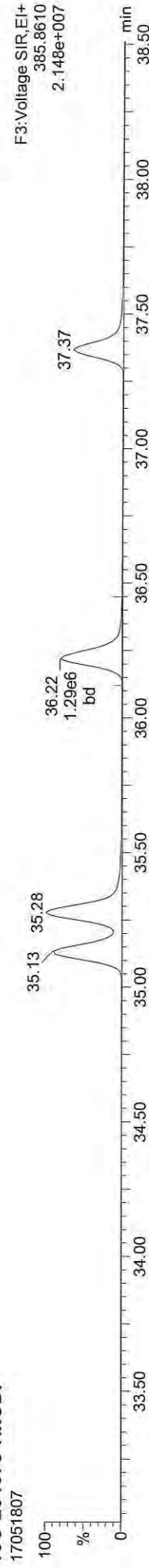
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\CH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:53 Pacific Daylight Time

ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk

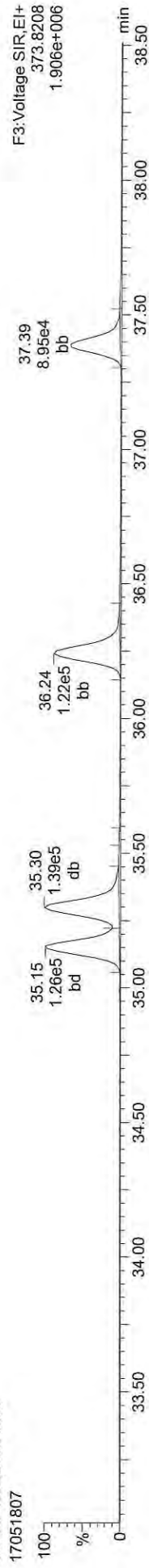
13C-234678-HxCDF



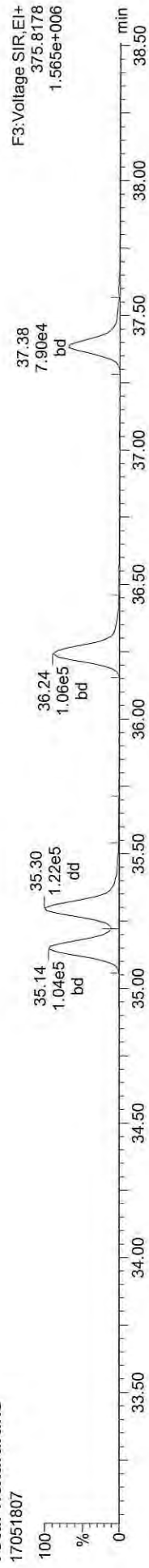
13C-234678-HxCDF



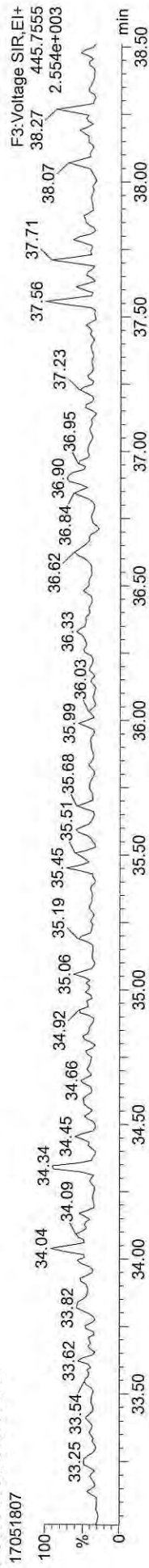
Total-hexafurans



Total-hexafurans



FUNCTION3 OCDFE

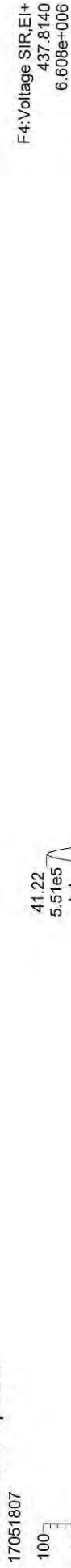


ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk

13C-1234678-HpCDD



13C-1234678-HpCDD



Total-heptadioxins



Total-heptadioxins



FUNCTION4 PFK



Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:53 Pacific Daylight Time

ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk

13C-1234678-HpCDF



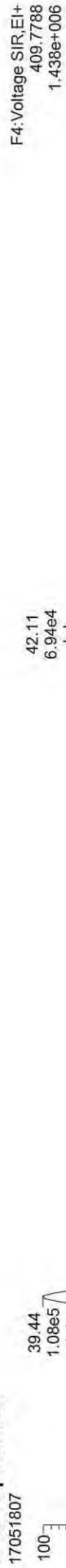
13C-1234678-HpCDF



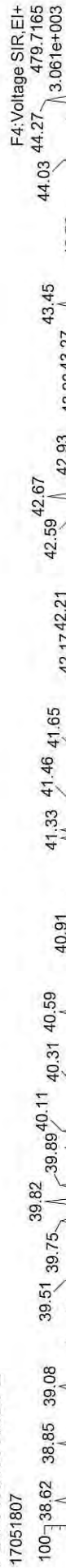
Total-heptafulurans



Total-heptafulurans



FUNCTION4 NCDPE

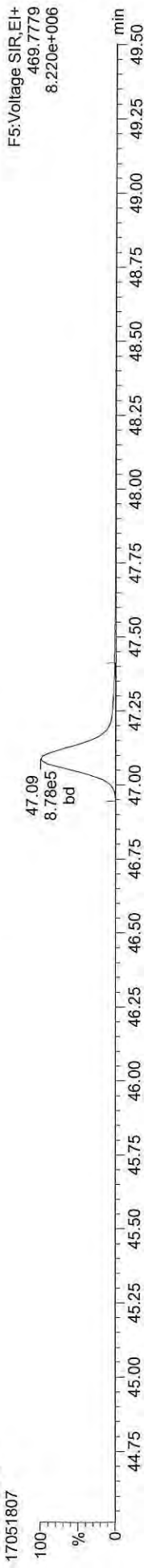


Quantify Sample Report

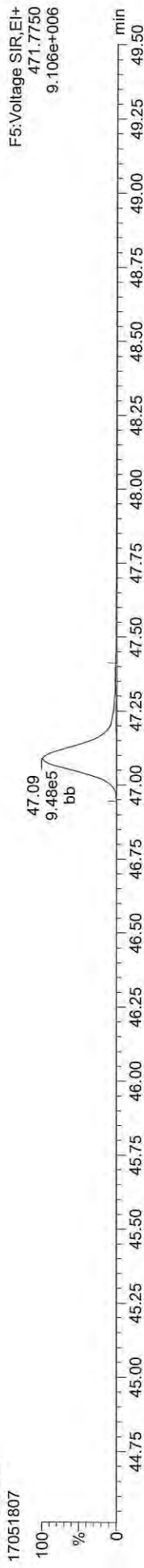
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:53 Pacific Daylight Time

ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk

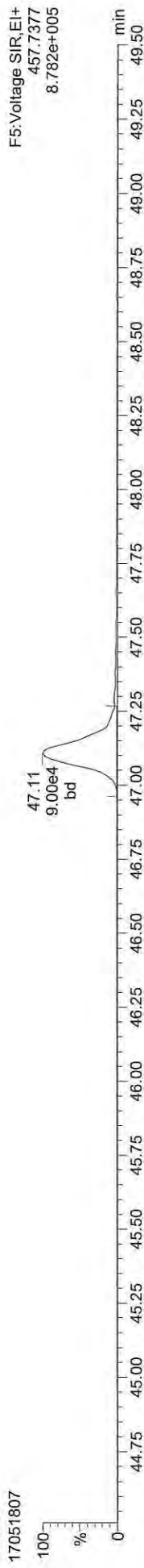
13C-OCDD



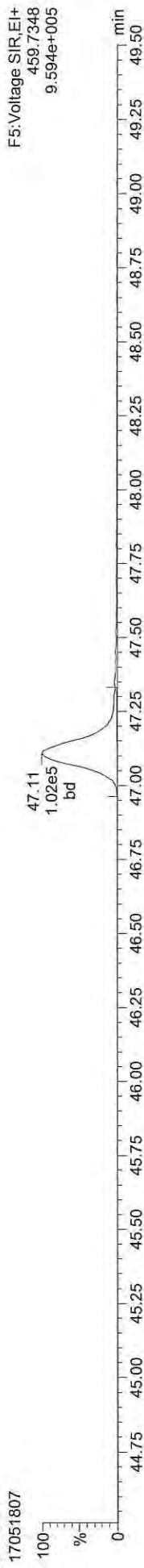
13C-OCDD



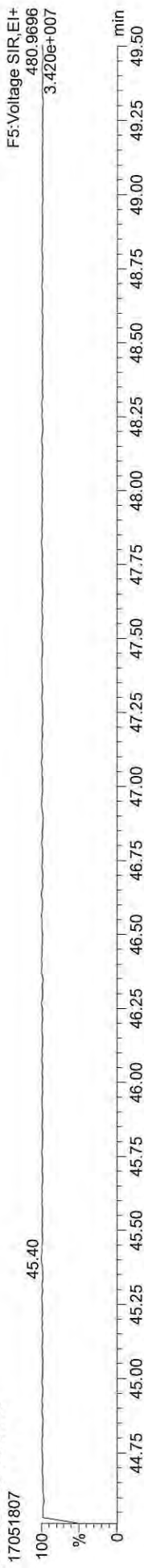
OCDD



OCDD



FUNCTION5 PFK



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

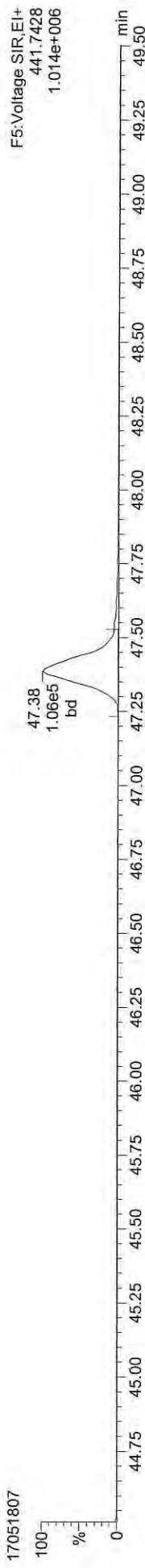
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:53 Pacific Daylight Time

ID: CS2, Name: 17051807, Date: 18-May-2017, Time: 21:09:21, Conditions: AUTOSPEC01, User: pk

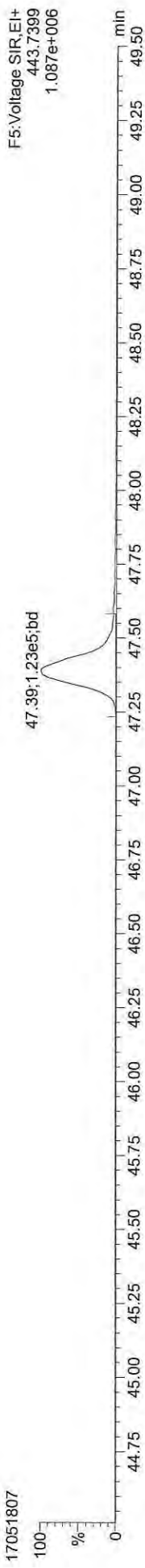
37CL-2378-TCDD



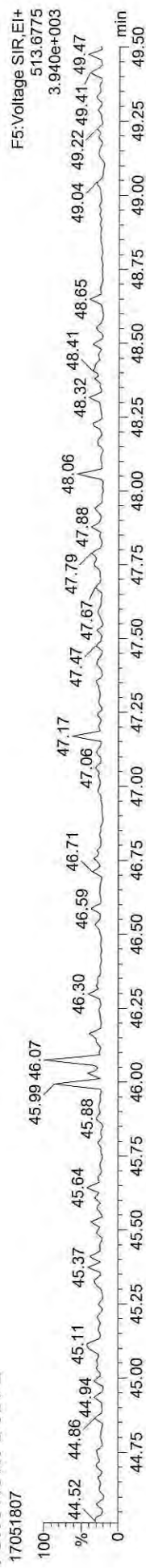
OCDF



OCDF



FUNCTION5 DCDPE



Quantify Sample Summary Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
 Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
 Printed: Friday, May 19, 2017 13:58:55 Pacific Daylight Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin\170518.mdb 18 May 2017 15:01:42
 Calibration: 19 May 2017 13:57:26

ID: CS3, Name: 17051808, Date: 18-May-2017, Time: 22:02:34, Conditions: AUTOSPEC01, User: pk

| Compound | RT | RRT | Ion1Area | Ion2Area | RRF | Ratio | Pred R | Noise 1 | Noise 2 | Height 1 | Height 2 | S/N 1 | SNFlag | EMPC | Int.1 | Int.2 | pg |
|-------------------|--------|-------|----------|----------|-------|-------|--------|---------|---------|----------|----------|--------|--------|------|-------|-------|---------|
| 2378-TCDF | 26.003 | 1.001 | 9.363e4 | 1.280e5 | 1.018 | 0.732 | 0.770 | 2195 | 4481 | 1.30e6 | 1.77e6 | 593.0 | YES | NO | bb | bd | 10.218 |
| 12378-PeCDF | 30.123 | 1.000 | 6.095e5 | 4.017e5 | 0.977 | 1.517 | 1.550 | 6469 | 4384 | 8.31e6 | 5.54e6 | 1285.2 | YES | NO | bd | bd | 48.422 |
| 23478-PeCDF | 31.471 | 1.001 | 6.357e5 | 4.260e5 | 1.019 | 1.492 | 1.550 | 6469 | 4384 | 9.25e6 | 6.08e6 | 1430.0 | YES | NO | bb | bb | 50.475 |
| 123478-HxCDF | 35.143 | 1.001 | 4.989e5 | 4.005e5 | 1.150 | 1.246 | 1.240 | 5839 | 5186 | 7.21e6 | 5.62e6 | 1235.4 | YES | NO | bd | bd | 51.626 |
| 234678-HxCDF | 36.229 | 1.000 | 4.693e5 | 3.875e5 | 1.188 | 1.211 | 1.240 | 5839 | 5186 | 6.32e6 | 5.23e6 | 1081.7 | YES | NO | bd | bd | 50.881 |
| 123678-HxCDF | 35.286 | 1.001 | 5.494e5 | 4.490e5 | 1.100 | 1.224 | 1.240 | 5839 | 5186 | 7.43e6 | 6.27e6 | 1272.8 | YES | NO | db | db | 50.184 |
| 123789-HxCDF | 37.379 | 1.001 | 3.487e5 | 2.923e5 | 1.116 | 1.193 | 1.240 | 5839 | 5186 | 4.61e6 | 3.87e6 | 790.4 | YES | NO | bd | bd | 50.924 |
| 1234678-HpCDF | 39.429 | 1.001 | 3.811e5 | 3.818e5 | 1.238 | 0.998 | 1.050 | 3069 | 3925 | 5.10e6 | 5.12e6 | 1660.8 | YES | NO | bd | bd | 47.749 |
| 1234789-HpCDF | 42.114 | 1.000 | 2.574e5 | 2.566e5 | 1.257 | 1.003 | 1.050 | 3069 | 3925 | 2.88e6 | 2.88e6 | 937.7 | YES | NO | bd | bd | 49.260 |
| OCDF | 47.384 | 1.006 | 3.983e5 | 4.684e5 | 1.321 | 0.850 | 0.890 | 2068 | 2650 | 3.67e6 | 4.22e6 | 1776.0 | YES | NO | bd | bd | 102.758 |
| 2378-TCDD | 26.631 | 1.001 | 5.768e4 | 7.013e4 | 1.244 | 0.822 | 0.770 | 1458 | 1526 | 7.87e5 | 1.01e6 | 539.8 | YES | NO | bd | bb | 9.210 |
| 12378-PeCDD | 31.723 | 1.001 | 3.466e5 | 2.155e5 | 1.058 | 1.608 | 1.550 | 2656 | 3342 | 4.96e6 | 3.01e6 | 1867.8 | YES | NO | bb | bb | 49.220 |
| 123478-HxCDD | 36.360 | 1.000 | 3.040e5 | 2.404e5 | 1.119 | 1.265 | 1.240 | 3779 | 3071 | 4.51e6 | 3.51e6 | 1193.1 | YES | NO | bd | bd | 48.523 |
| 123678-HxCDD | 36.492 | 1.001 | 3.407e5 | 2.734e5 | 1.040 | 1.246 | 1.240 | 3779 | 3071 | 4.77e6 | 3.70e6 | 1262.8 | YES | NO | db | dd | 52.843 |
| 123789-HxCDD | 36.919 | 1.012 | 2.802e5 | 2.325e5 | 0.981 | 1.205 | 1.240 | 3779 | 3071 | 3.89e6 | 3.11e6 | 1029.1 | YES | NO | bb | bd | 49.335 |
| 1234678-HpCDD | 41.227 | 1.000 | 2.228e5 | 2.144e5 | 1.132 | 1.039 | 1.050 | 3646 | 2897 | 2.71e6 | 2.63e6 | 742.4 | YES | NO | bb | bb | 47.668 |
| OCDD | 47.105 | 1.000 | 3.322e5 | 3.652e5 | 1.117 | 0.910 | 0.890 | 2105 | 2746 | 3.13e6 | 3.44e6 | 1485.6 | YES | NO | bd | bd | 97.792 |
| 13C-2378-TCDF | 25.973 | 1.006 | 9.443e5 | 1.186e6 | 1.685 | 0.796 | 0.770 | 6170 | 3634 | 1.33e7 | 1.67e7 | 2154.0 | YES | NO | bb | bb | 97.052 |
| 13C-12378-PeCDF | 30.112 | 1.167 | 1.317e6 | 8.217e5 | 1.706 | 1.602 | 1.550 | 5474 | 6114 | 1.80e7 | 1.11e7 | 3281.4 | YES | NO | bd | bd | 96.233 |
| 13C-23478-PeCDF | 31.449 | 1.219 | 1.271e6 | 7.924e5 | 1.632 | 1.604 | 1.550 | 5474 | 6114 | 1.82e7 | 1.11e7 | 3320.9 | YES | NO | bb | bb | 97.069 |
| 13C-123478-HxCDF | 35.121 | 0.952 | 5.174e5 | 9.973e5 | 1.682 | 0.519 | 0.510 | 4746 | 6006 | 7.47e6 | 1.43e7 | 1573.4 | YES | NO | bd | bd | 101.252 |
| 13C-123678-HxCDF | 35.264 | 0.956 | 6.268e5 | 1.182e6 | 1.945 | 0.530 | 0.510 | 4746 | 6006 | 8.28e6 | 1.55e7 | 1744.6 | YES | NO | db | db | 104.561 |
| 13C-234678-HxCDF | 36.218 | 0.982 | 4.908e5 | 9.267e5 | 1.582 | 0.530 | 0.510 | 4746 | 6006 | 6.75e6 | 1.28e7 | 1421.7 | YES | NO | bb | bb | 100.748 |
| 13C-123789-HxCDF | 37.357 | 1.012 | 3.916e5 | 7.362e5 | 1.291 | 0.532 | 0.510 | 4746 | 6006 | 5.26e6 | 1.01e7 | 1109.2 | YES | NO | bb | bb | 98.252 |
| 13C-1234678-HpCDF | 39.407 | 1.068 | 3.992e5 | 8.913e5 | 1.427 | 0.448 | 0.440 | 4315 | 4449 | 5.22e6 | 1.18e7 | 1210.4 | YES | NO | bd | bb | 101.722 |
| 13C-1234789-HpCDF | 42.103 | 1.141 | 2.534e5 | 5.764e5 | 0.957 | 0.440 | 0.440 | 4315 | 4449 | 2.92e6 | 6.37e6 | 676.0 | YES | NO | bd | bd | 97.503 |
| 13C-1234-TCDD | 25.809 | 0.000 | 5.735e5 | 7.292e5 | 1.000 | 0.786 | 0.770 | 2990 | 1716 | 8.28e6 | 1.05e7 | 2769.4 | YES | NO | bb | bb | 100.000 |
| 13C-2378-TCDD | 26.615 | 1.031 | 4.908e5 | 6.245e5 | 0.873 | 0.786 | 0.770 | 2990 | 1716 | 6.57e6 | 8.58e6 | 2196.8 | YES | NO | bb | bb | 98.105 |
| 13C-12378-PeCDD | 31.701 | 1.228 | 6.656e5 | 4.135e5 | 0.860 | 1.610 | 1.550 | 1658 | 2411 | 9.15e6 | 5.68e6 | 5519.6 | YES | NO | bd | bd | 96.318 |
| 13C-123478-HxCDD | 36.349 | 0.985 | 5.641e5 | 4.382e5 | 1.114 | 1.287 | 1.240 | 2986 | 3046 | 8.17e6 | 6.31e6 | 2736.1 | YES | NO | bd | bd | 101.206 |
| 13C-123678-HxCDD | 36.470 | 0.988 | 6.332e5 | 4.839e5 | 1.258 | 1.308 | 1.240 | 2986 | 3046 | 8.48e6 | 6.61e6 | 2841.1 | YES | NO | db | db | 99.810 |
| 13C-1234678-HpCDD | 41.215 | 1.117 | 4.151e5 | 3.952e5 | 0.924 | 1.050 | 1.050 | 3043 | 2663 | 4.89e6 | 4.66e6 | 1608.2 | YES | NO | bd | bd | 98.642 |
| 13C-OCDD | 47.088 | 1.276 | 6.069e5 | 6.703e5 | 0.738 | 0.905 | 0.890 | 3048 | 3157 | 5.64e6 | 6.05e6 | 1850.1 | YES | NO | bd | bd | 194.502 |

Quantify Sample Summary Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qid
 Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
 Printed: Friday, May 19, 2017 13:58:55 Pacific Daylight Time

ID: CS3, Name: 17051808, Date: 18-May-2017, Time: 22:02:34, Conditions: AUTOSPEC01, User: pk

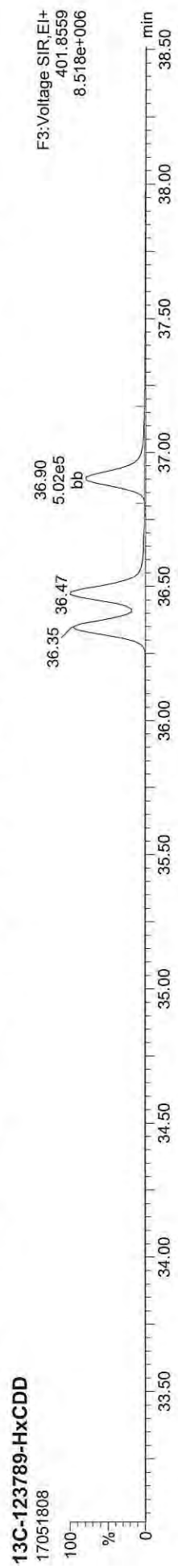
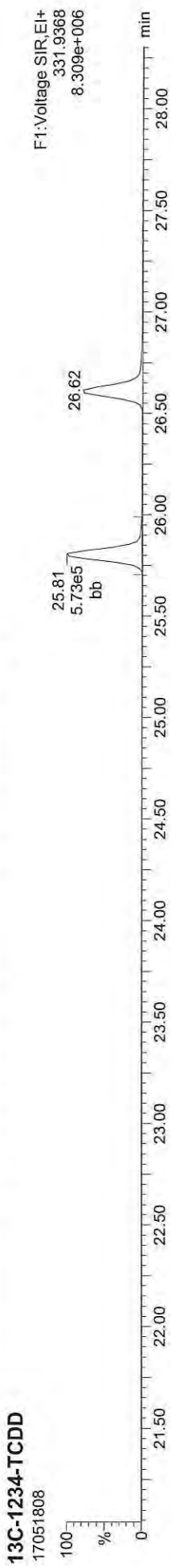
| Compound | RT | RRT | Ion1Area | Ion2Area | RRF | Ratio | Pred R | Noise 1 | Noise 2 | Height 1 | Height 2 | S/N 1 | SNFlag | EMPC | Int.1 | Int.2 | pg |
|---------------------|--------|-------|----------|----------|-------|-------|--------|---------|---------|----------|----------|--------|--------|------|-------|-------|----------|
| 13C-123789-HxCDD | 36.897 | 0.000 | 5.023e5 | 3.871e5 | 1.000 | 1.298 | 1.240 | 2986 | 3046 | 6.64e6 | 5.25e6 | 2223.6 | YES | NO | bb | bb | 100.000 |
| Total-tetrafurans | | | 3.192e5 | | 1.018 | | | 2195 | | 4.51e6 | | | | | | | 34.299 |
| Total-penta1 | | | 6.405e5 | | | | | 1108 | | 9.16e6 | | | | | | | 54.675 |
| Total-pentafurans | | | 1.947e6 | | 0.998 | | | 6469 | | 2.69e7 | | | | | | | 153.749 |
| Total-hexafurans | | | 2.440e6 | | 1.138 | | | 5839 | | 3.37e7 | | | | | | | 265.312 |
| Total-heptafurans | | | 6.439e5 | | 1.248 | | | 3069 | | 8.09e6 | | | | | | | 98.123 |
| Total-Furans | | | 6.388e6 | | 1.138 | | | 2195 | | 8.61e7 | | | | | | | 708.916 |
| Total-tetra-dioxins | | | 3.160e5 | | 1.244 | | | 1458 | | 4.05e6 | | | | | | | 51.745 |
| Total-pentadioxins | | | 1.451e6 | | 1.058 | | | 2656 | | 1.70e7 | | | | | | | 206.263 |
| Total-hexadioxins | | | 1.299e6 | | 1.047 | | | 3779 | | 1.85e7 | | | | | | | 212.054 |
| Total-heptadioxins | | | 5.126e5 | | 1.132 | | | 3646 | | 6.36e6 | | | | | | | 108.813 |
| Total-Dioxins | | | 3.911e6 | | 1.099 | | | 1458 | | 4.91e7 | | | | | | | 676.835 |
| Total-TEQ | | | 1.030e7 | | | | | 1458 | | 1.35e8 | | | | | | | 1385.751 |
| 37CL-2378-TCDD | 26.631 | 1.032 | 1.307e5 | | 1.021 | | | 1835 | | 1.83e6 | | 997.8 | YES | | bb | | 9.821 |
| FUNCTION1 PFK | | | 0.000e0 | | | | | 946969 | | 0.00e0 | | | | | | | |
| FUNCTION2 PFK | | | 0.000e0 | | | | | 201606 | | 0.00e0 | | | | | | | 0.000 |
| FUNCTION3 PFK | | | 2.198e5 | | | | | 1098605 | | 5.47e6 | | | | | | | |
| FUNCTION4 PFK | | | 1.905e7 | | | | | 585559 | | 2.38e8 | | | | | | | |
| FUNCTION5 PFK | | | 3.916e5 | | | | | 284071 | | 1.34e7 | | | | | | | |
| FUNCTION1 HXCDPE | | | 2.237e2 | | | | | 468 | | 3.78e3 | | | | | | | 0.000 |
| FUNCTION1 HPCDPE | | | 1.062e3 | | | | | 884 | | 2.18e4 | | | | | | | 0.000 |
| FUNCTION2 HPCDPE | | | 6.307e2 | | | | | 798 | | 1.31e4 | | | | | | | 0.000 |
| FUNCTION3 OCDPE | | | 0.000e0 | | | | | 363 | | 0.00e0 | | | | | | | |
| FUNCTION4 NCDPE | | | 0.000e0 | | | | | 522 | | 0.00e0 | | | | | | | |
| FUNCTION5 DCDPE | | | 0.000e0 | | | | | 518 | | 0.00e0 | | | | | | | |

Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:55 Pacific Daylight Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170518.mdb 18 May 2017 15:01:42
Calibration: 19 May 2017 13:57:26

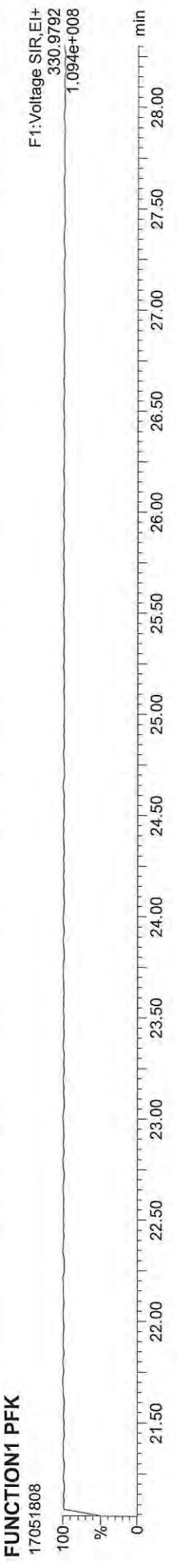
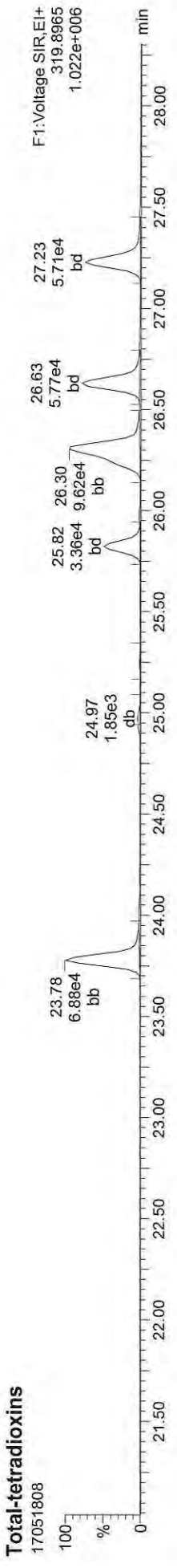
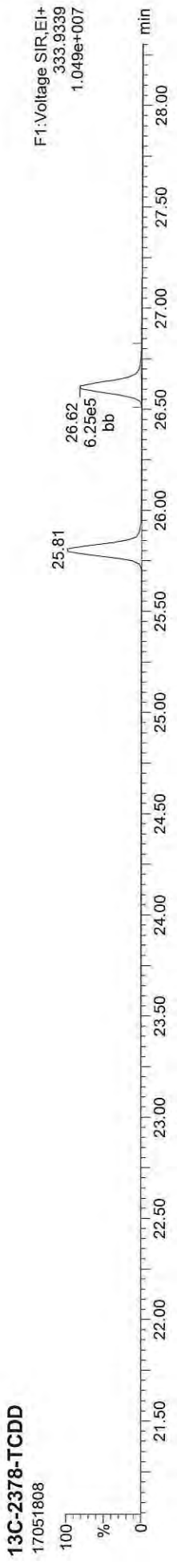
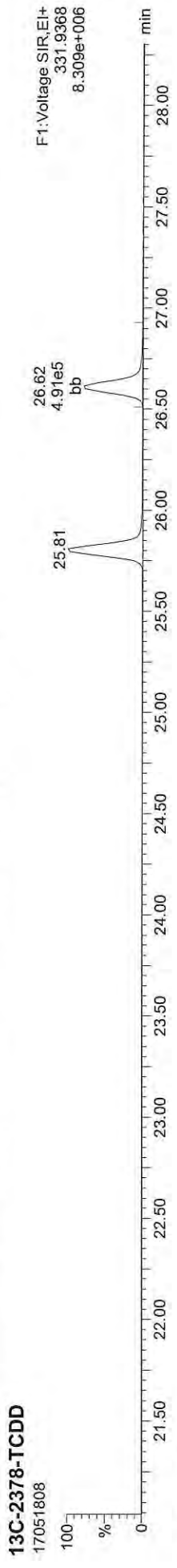
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Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:55 Pacific Daylight Time

ID: CS3, Name: 17051808, Date: 18-May-2017, Time: 22:02:34, Conditions: AUTOSPEC01, User: pk



ID: CS3, Name: 17051808, Date: 18-May-2017, Time: 22:02:34, Conditions: AUTOSPEC01, User: pk

13C-2378-TCDF

17051808



13C-2378-TCDF

17051808



Total-tetrafurans

17051808



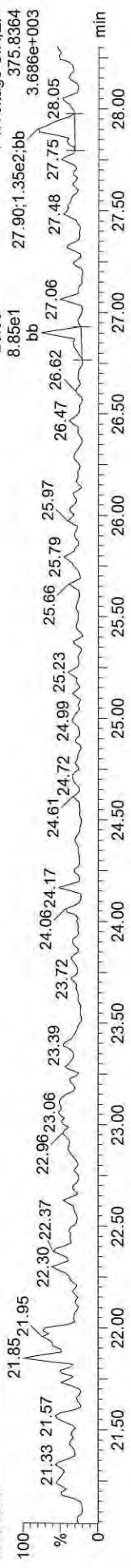
Total-tetrafurans

17051808



FUNCTION1 HXCDPE

17051808



ID: CS3, Name: 17051808, Date: 18-May-2017, Time: 22:02:34, Conditions: AUTOSPEC01, User: pk

13C-12378-PeCDD



13C-12378-PeCDD



Total-pentadioxins



Total-pentadioxins



FUNCTION2 PFK



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

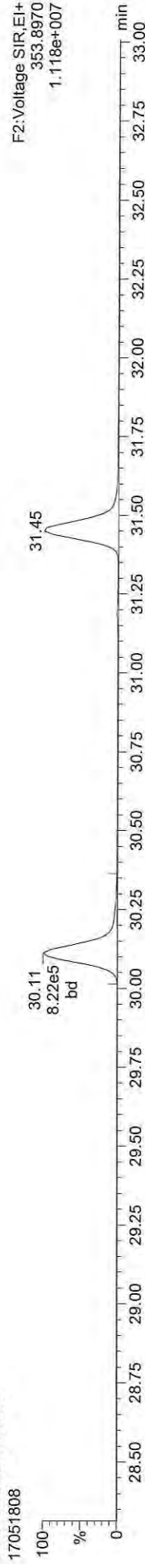
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13C-12378-PeCDF



13C-12378-PeCDF



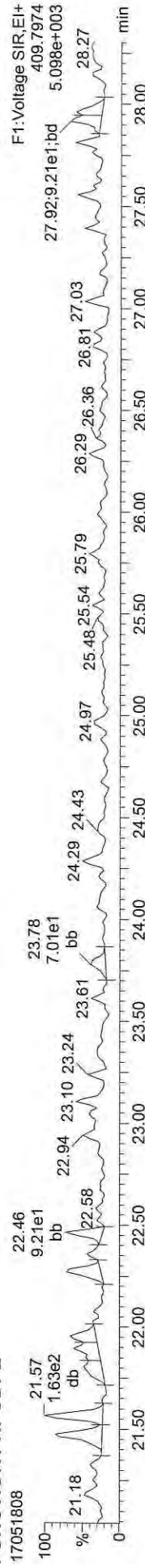
Total-penta1



Total-penta1



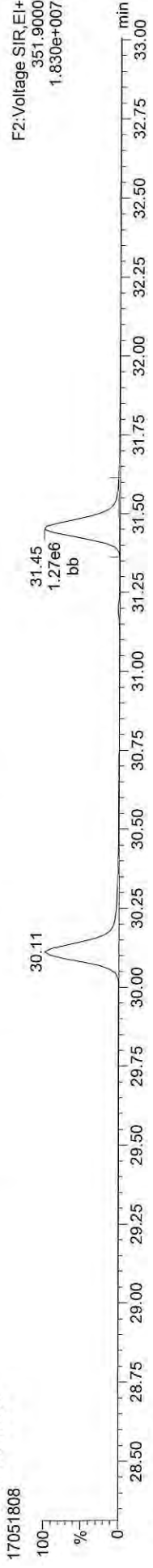
FUNCTION1 HPCDPE



Quantify Sample Report MassLynx MassLynx V4.1 SCN909
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Printed: Friday, May 19, 2017 13:58:55 Pacific Daylight Time

ID: CS3, Name: 17051808, Date: 18-May-2017, Time: 22:02:34, Conditions: AUTOSPEC01, User: pk

13C-23478-PeCDF



13C-23478-PeCDF



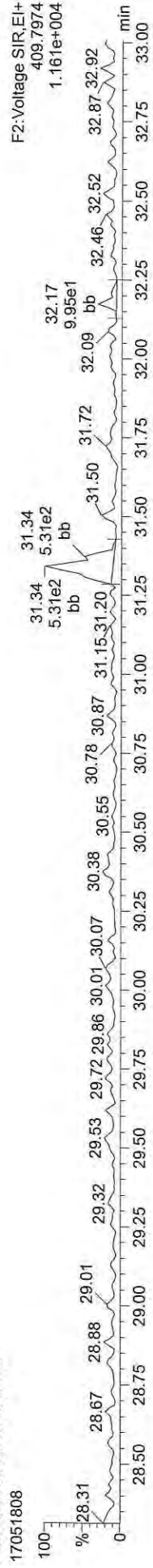
Total-pentafurans



Total-pentafurans



FUNCTION2 HPCDPE



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

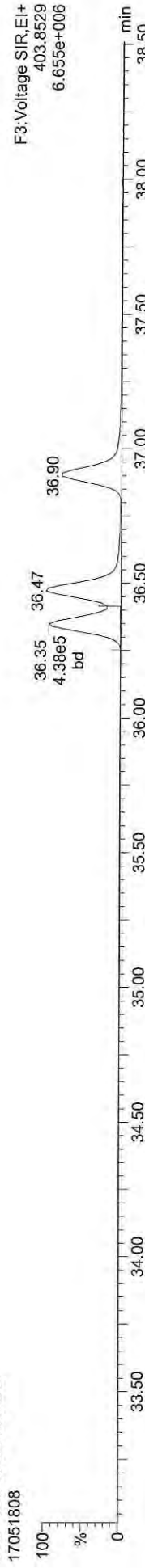
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Printed: Friday, May 19, 2017 13:58:55 Pacific Daylight Time

ID: CS3, Name: 17051808, Date: 18-May-2017, Time: 22:02:34, Conditions: AUTOSPEC01, User: pk

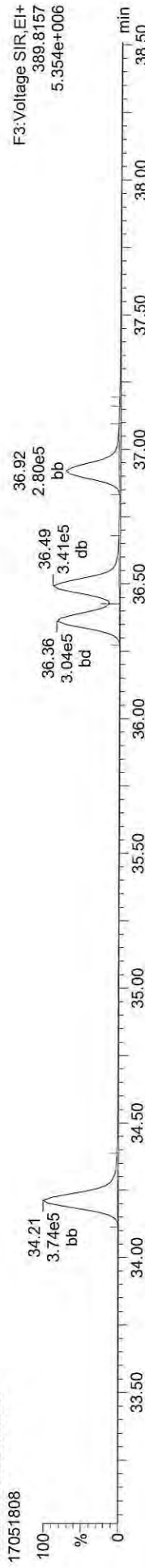
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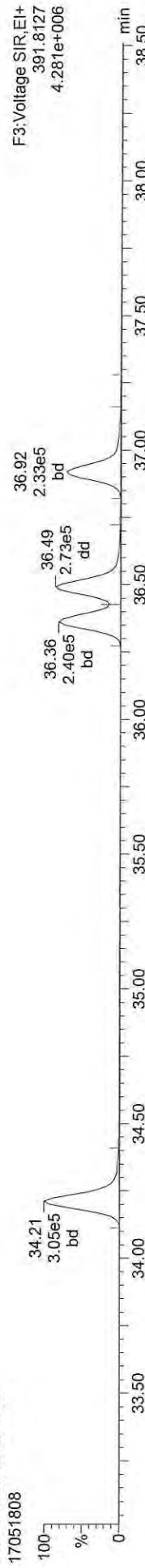
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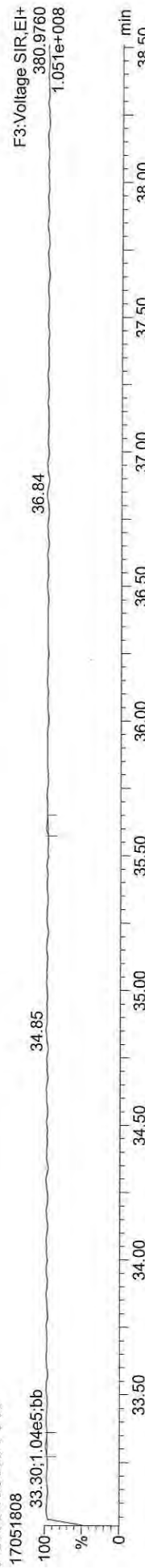
Total-hexadioxins



Total-hexadioxins



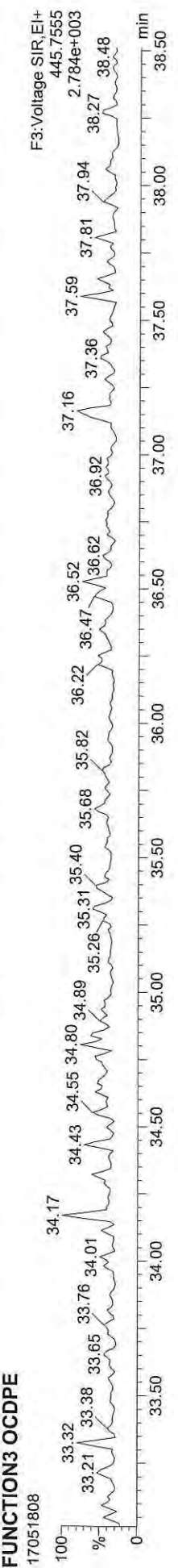
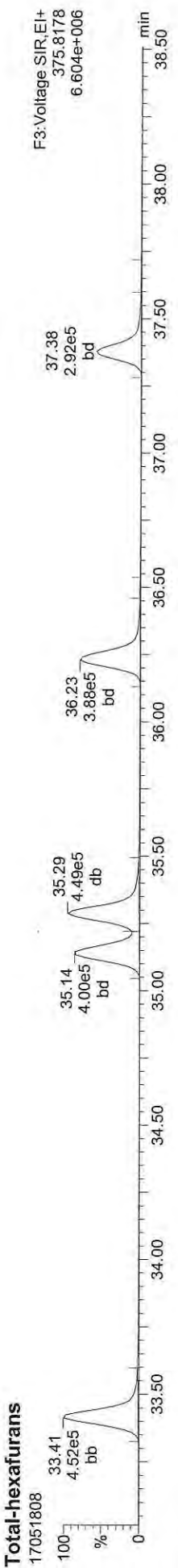
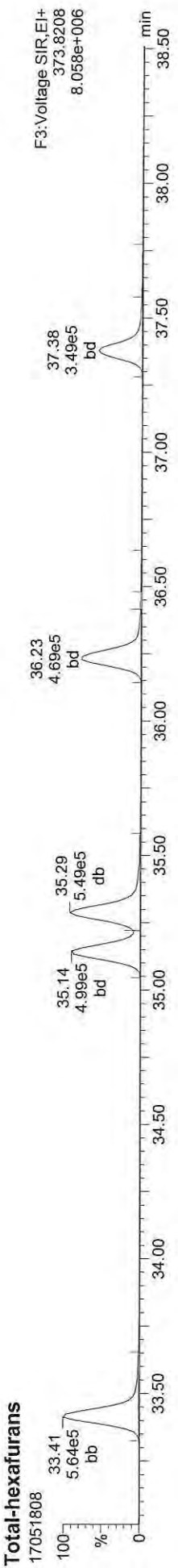
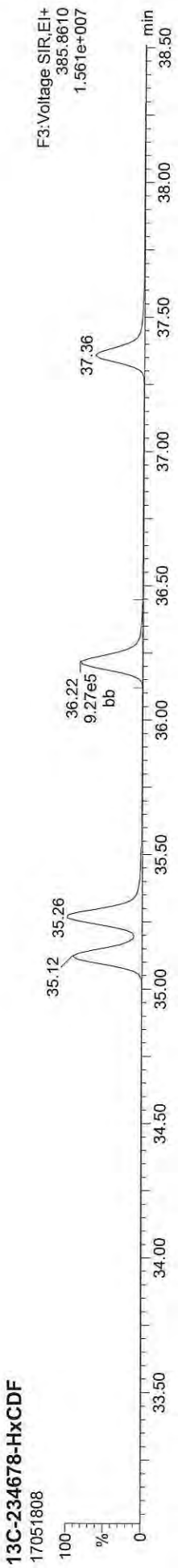
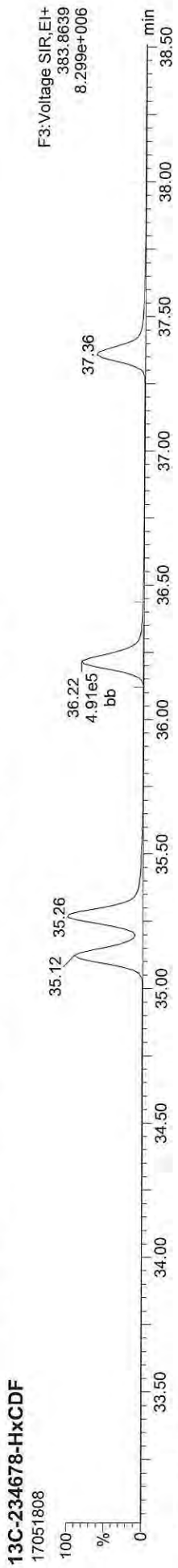
FUNCTION3 PFK



Quantify Sample Report

MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:55 Pacific Daylight Time

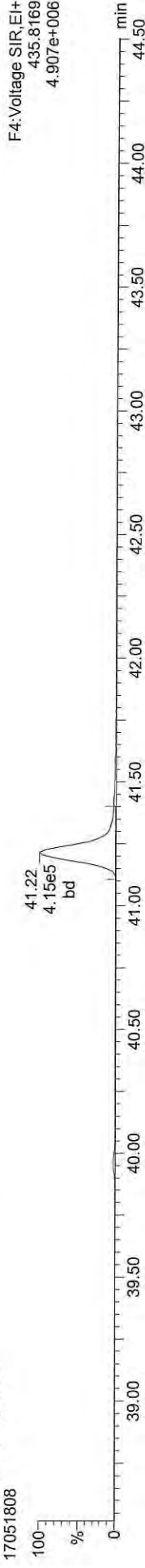
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Quantify Sample Report MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
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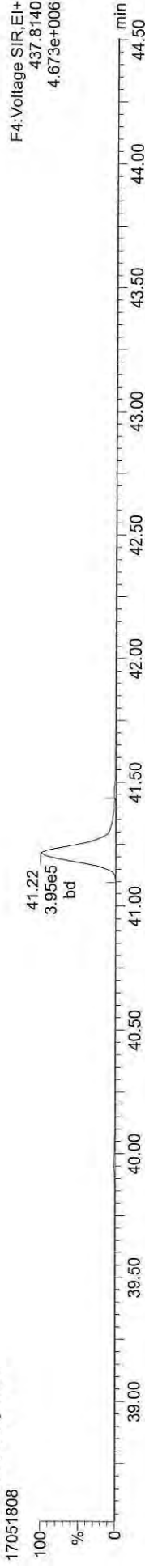
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13C-1234678-HpCDD



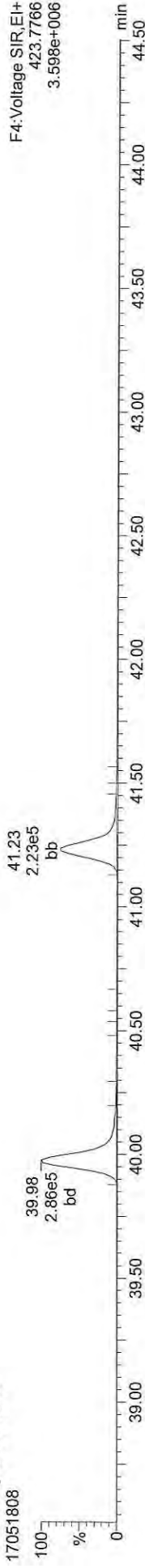
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4.907e+006

13C-1234678-HpCDD



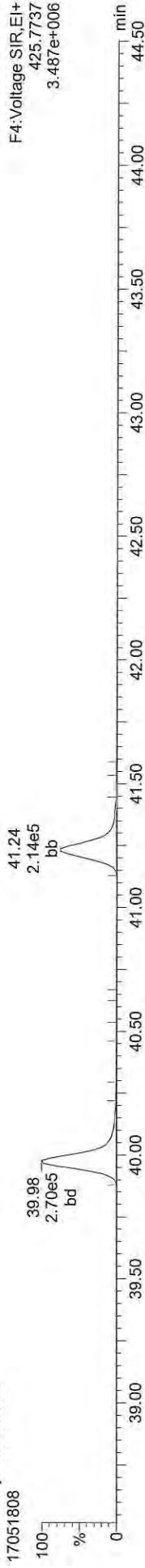
F4: Voltage SIR, EI+
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4.673e+006

Total-heptadioxins



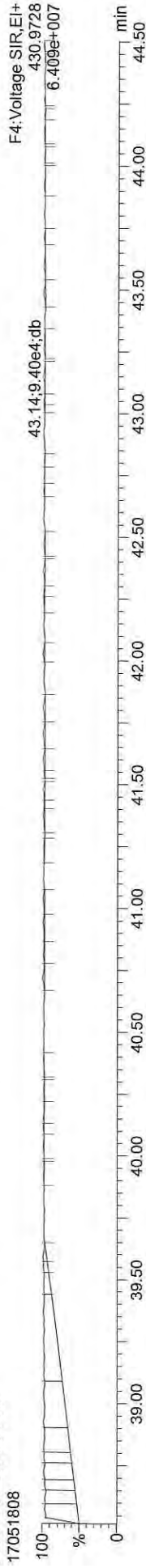
F4: Voltage SIR, EI+
423.7766
3.598e+006

Total-heptadioxins



F4: Voltage SIR, EI+
425.7737
3.487e+006

FUNCTION4 PFK



F4: Voltage SIR, EI+
430.9728
6.409e+007

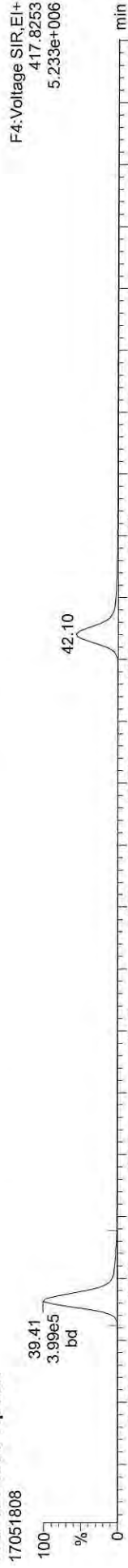
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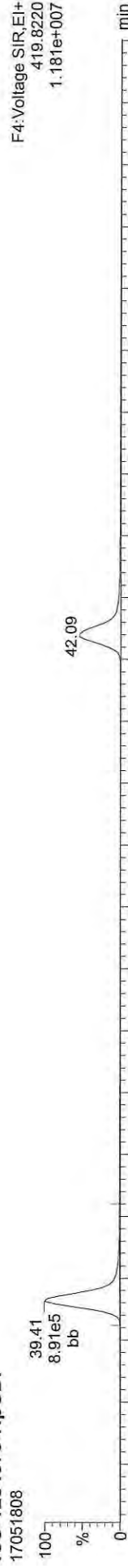
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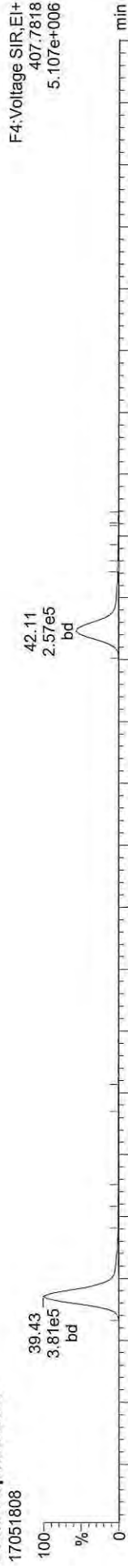
13C-1234678-HpCDF



13C-1234678-HpCDF



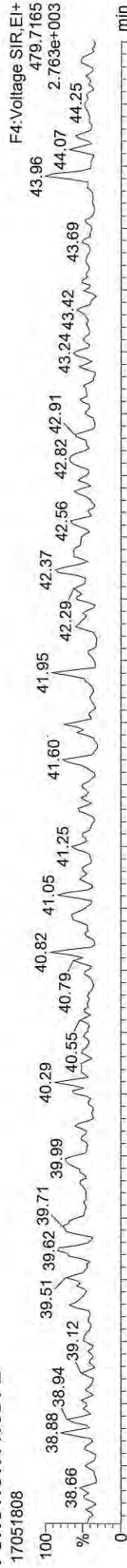
Total-heptafulurans



Total-heptafulurans



FUNCTION4 NCDPE



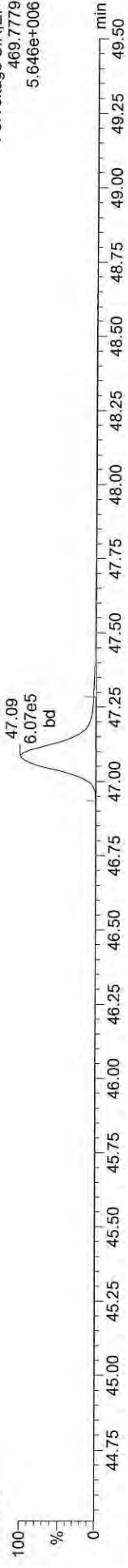
Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:55 Pacific Daylight Time

ID: CS3, Name: 17051808, Date: 18-May-2017, Time: 22:02:34, Conditions: AUTOSPEC01, User: pk

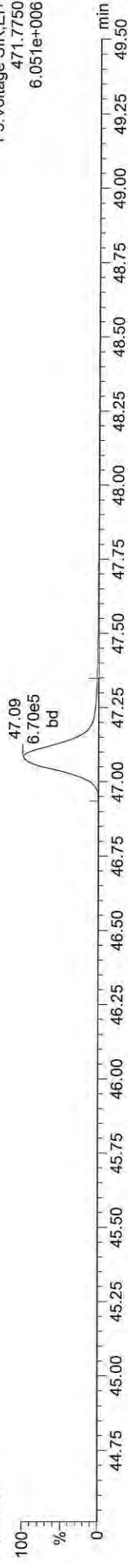
13C-OCDD

17051808



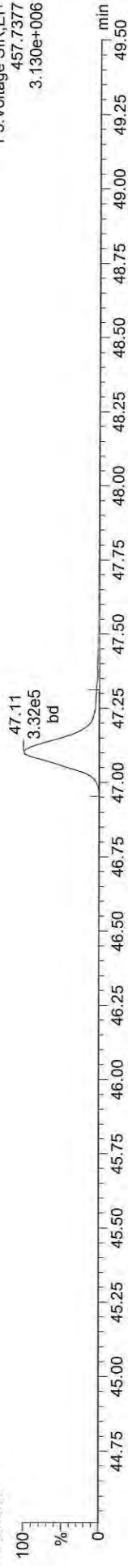
13C-OCDD

17051808



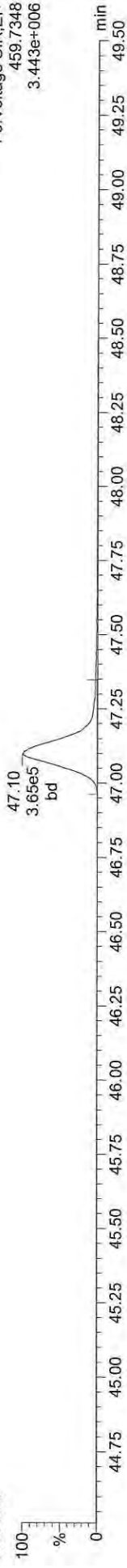
OCDD

17051808



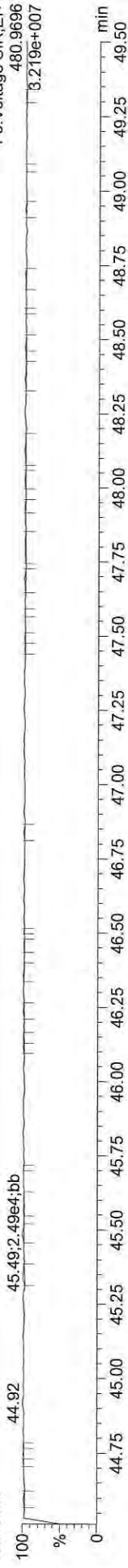
OCDD

17051808



FUNCTION5 PFK

17051808



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

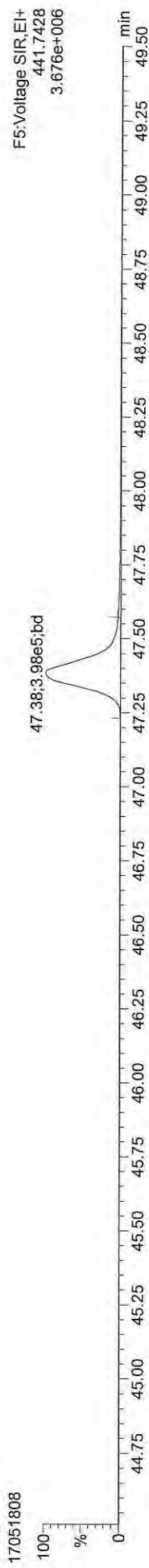
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ID: CS3, Name: 17051808, Date: 18-May-2017, Time: 22:02:34, Conditions: AUTOSPEC01, User: pk

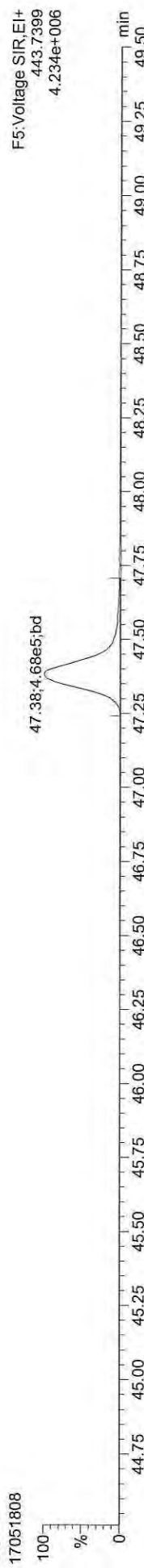
37CL-2378-TCDD



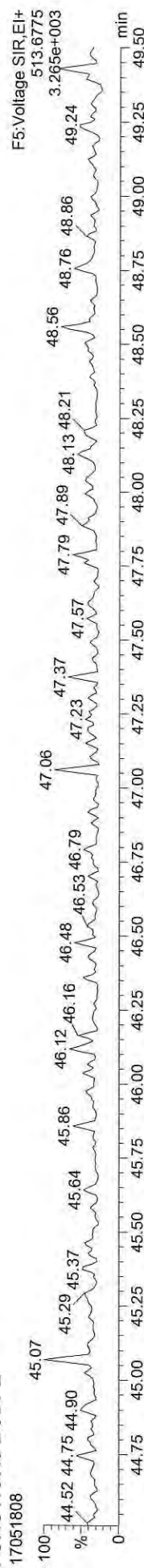
OCDF



OCDF



FUNCTION5 DCDPE



Quantify Sample Summary Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:57 Pacific Daylight Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170518.mdb 18 May 2017 15:01:42
Calibration: 19 May 2017 13:57:26

ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

Table with columns: Compound, RT, RRT, Ion1Area, Ion2Area, RRF, Ratio, Pred R, Noise 1, Noise 2, Height 1, Height 2, S/N 1, SNFlag, EMPC, Int.1, Int.2, pg. Rows include various compounds like 2378-TCDF, 12378-PeCDF, etc.

Quantify Sample Summary Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
 Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
 Printed: Friday, May 19, 2017 13:58:57 Pacific Daylight Time

ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

| Compound | RT | RRT | Ion1Area | Ion2Area | RRF | Ratio | Pred R | Noise 1 | Noise 2 | Height 1 | Height 2 | S/N 1 | SNFlag | EMPC | Int.1 | Int.2 | pg |
|---------------------|--------|-------|----------|----------|-------|-------|--------|---------|---------|----------|----------|--------|--------|------|-------|-------|----------|
| 13C-123789-HxCDD | 36.908 | 0.000 | 7.004e5 | 5.408e5 | 1.000 | 1.295 | 1.240 | 3741 | 3740 | 9.80e6 | 7.62e6 | 2620.3 | YES | NO | bb | bb | 100.000 |
| Total-tetrafurans | | | 5.047e5 | 1.018 | | | | 2750 | | 7.15e6 | | | | | | | 41.043 |
| Total-penta1 | | | 3.403e3 | | | | | 470 | | 4.49e4 | | | | | | | 0.204 |
| Total-pentafurans | | | 7.064e6 | 0.998 | | | | 7076 | | 1.03e8 | | | | | | | 424.748 |
| Total-hexafurans | | | 1.030e7 | 1.138 | | | | 5686 | | 1.47e8 | | | | | | | 821.020 |
| Total-heptafurans | | | 3.725e6 | 1.248 | | | | 7851 | | 4.83e7 | | | | | | | 416.647 |
| Total-Furans | | | 2.400e7 | 1.138 | | | | 2750 | | 3.28e8 | | | | | | | 2124.928 |
| Total-tetra-dioxins | | | 3.218e5 | 1.244 | | | | 1388 | | 4.51e6 | | | | | | | 40.904 |
| Total-pentadioxins | | | 1.943e6 | 1.058 | | | | 3701 | | 2.77e7 | | | | | | | 213.865 |
| Total-hexadioxins | | | 5.207e6 | 1.047 | | | | 3316 | | 7.47e7 | | | | | | | 612.601 |
| Total-heptadioxins | | | 1.360e6 | 1.132 | | | | 4262 | | 1.66e7 | | | | | | | 202.482 |
| Total-Dioxins | | | 1.078e7 | 1.099 | | | | 1388 | | 1.42e8 | | | | | | | 1471.265 |
| Total-TEQ | | | 3.478e7 | | | | | 1388 | | 4.71e8 | | | | | | | 3596.192 |
| 37CL-2378-TCDD | 26.631 | 1.032 | 6.956e5 | 1.021 | | | | 1608 | | 9.91e6 | | 6162.5 | YES | | bb | | 41.429 |
| FUNCTION1 PFK | | | 3.507e6 | | | | | 853971 | | 5.27e7 | | | | | | | 0.000 |
| FUNCTION2 PFK | | | 2.667e5 | | | | | 184482 | | 7.56e6 | | | | | | | 0.000 |
| FUNCTION3 PFK | | | 4.498e6 | | | | | 880844 | | 8.43e7 | | | | | | | |
| FUNCTION4 PFK | | | 3.907e5 | | | | | 568685 | | 9.30e6 | | | | | | | |
| FUNCTION5 PFK | | | 2.381e5 | | | | | 321098 | | 8.88e6 | | | | | | | |
| FUNCTION1 HXGDPE | | | 0.000e0 | | | | | 287 | | 0.00e0 | | | | | | | 0.000 |
| FUNCTION1 HPCDPE | | | 1.768e2 | | | | | 504 | | 4.13e3 | | | | | | | 0.000 |
| FUNCTION2 HPCDPE | | | 3.711e3 | | | | | 1120 | | 6.37e4 | | | | | | | 0.000 |
| FUNCTION3 OCDPE | | | 1.561e2 | | | | | 591 | | 5.44e3 | | | | | | | 0.000 |
| FUNCTION4 NCDPE | | | 7.027e1 | | | | | 592 | | 1.86e3 | | | | | | | 0.000 |
| FUNCTION5 DCDPE | | | 0.000e0 | | | | | 475 | | 0.00e0 | | | | | | | 0.000 |

Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:57 Pacific Daylight Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170518.mdb 18 May 2017 15:01:42
Calibration: 19 May 2017 13:57:26

ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

13C-1234-TCDD

17051809



13C-1234-TCDD

17051809



13C-123789-HxCDD

17051809



13C-123789-HxCDD

17051809



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

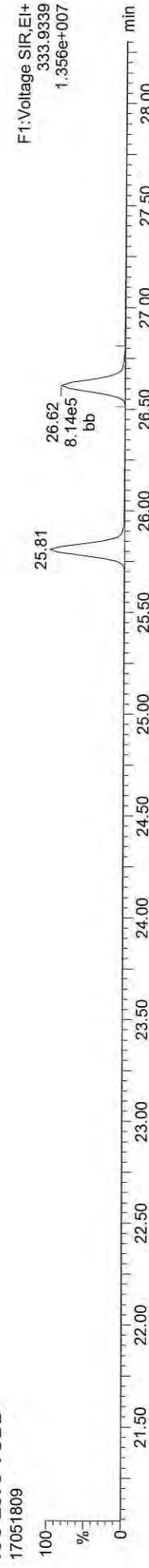
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ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

13C-2378-TCDD



13C-2378-TCDD



Total-tetradioxins



Total-tetradioxins



FUNCTION1 PFK



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

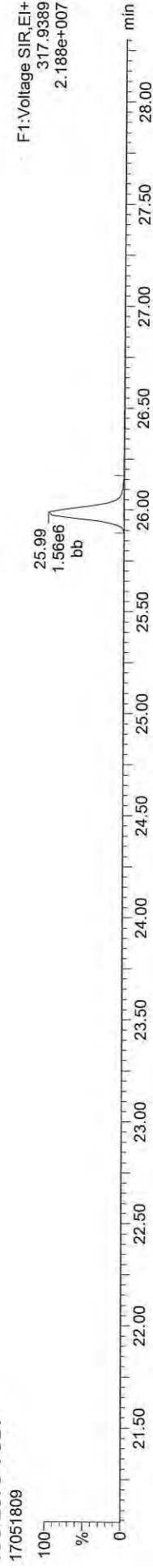
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Printed: Friday, May 19, 2017 13:58:57 Pacific Daylight Time

ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

13C-2378-TCDF



13C-2378-TCDF



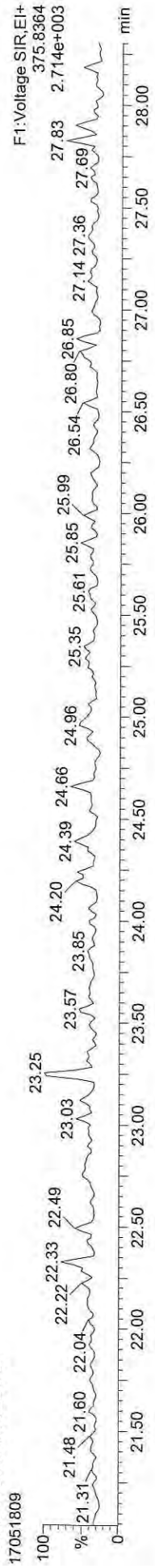
Total-tetrafurans



Total-tetrafurans



FUNCTION1 HXCDPE

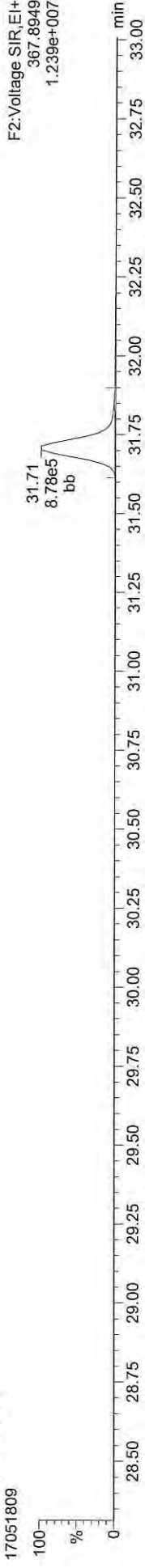


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

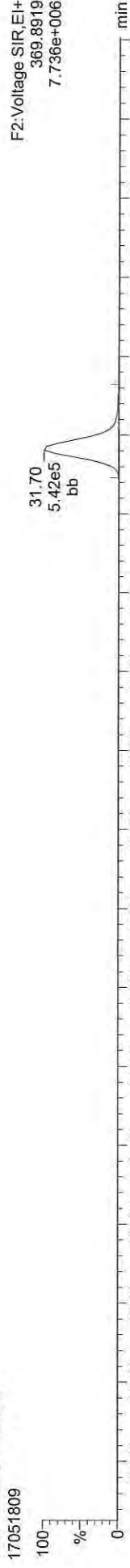
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Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:57 Pacific Daylight Time

ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

13C-12378-PeCDD



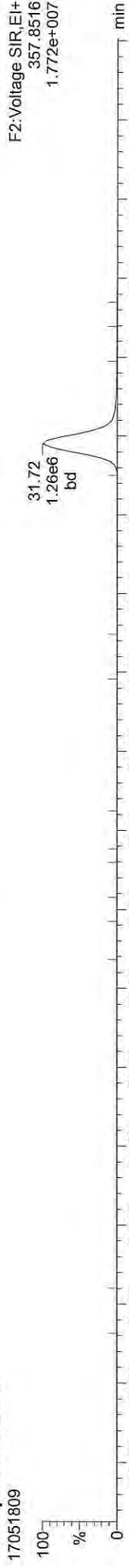
13C-12378-PeCDD



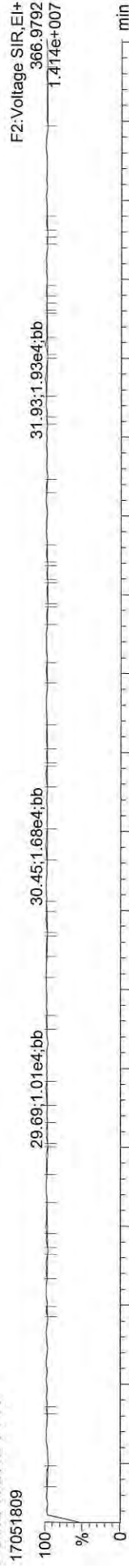
Total-pentadioxins



Total-pentadioxins



FUNCTION2 PFK



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

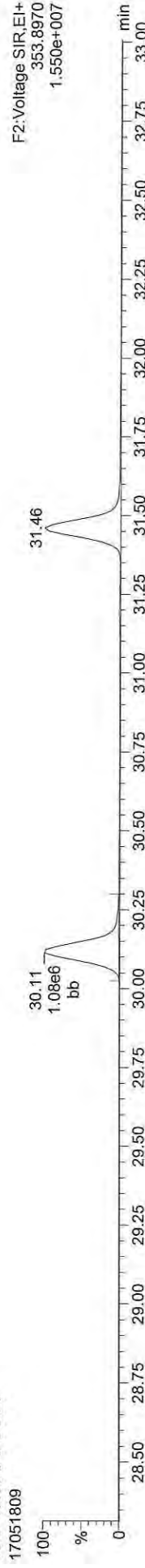
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Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:57 Pacific Daylight Time

ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

13C-12378-PeCDF



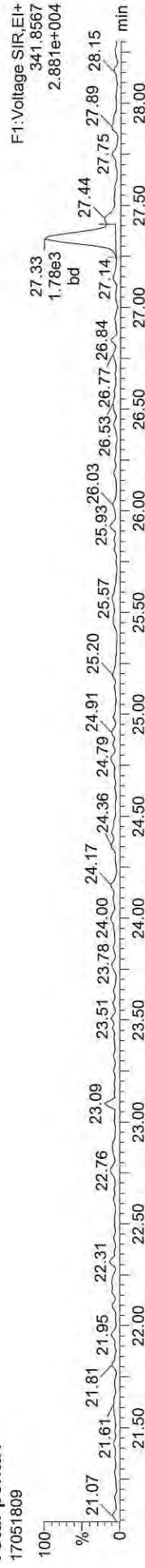
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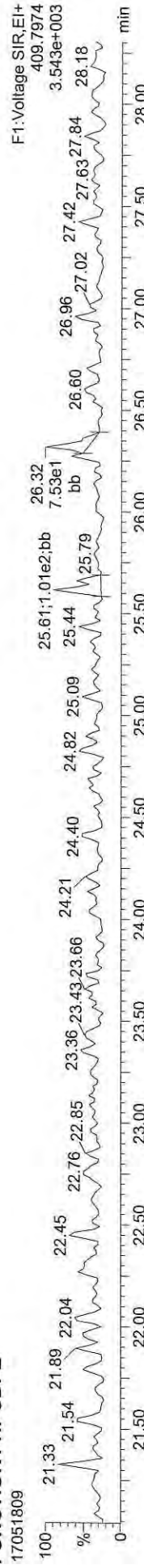
Total-penta1



Total-penta1



FUNCTION1 HPCDPE



Quantify Sample Report MassLynx MassLynx V4.1 SCN909
 Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
 Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
 Printed: Friday, May 19, 2017 13:58:57 Pacific Daylight Time

ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

13C-23478-PeCDF



13C-23478-PeCDF



Total-pentafurans



Total-pentafurans



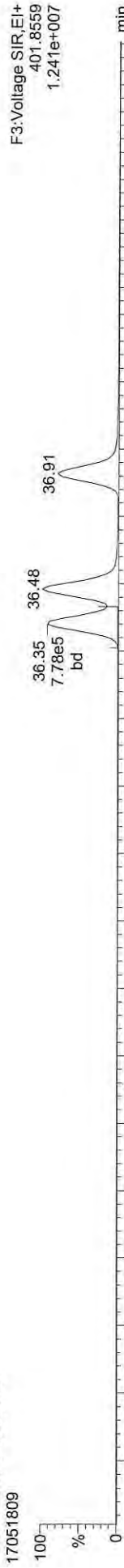
FUNCTION2 HPCDPE



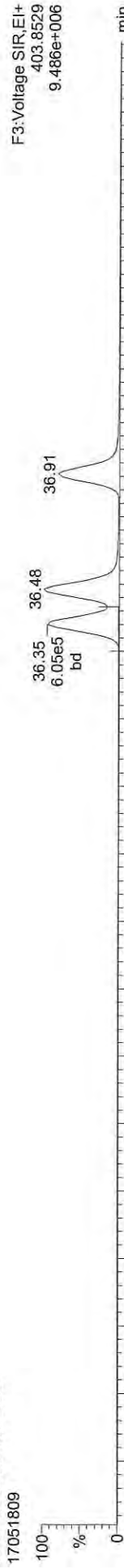
Quantify Sample Report **MassLynx MassLynx V4.1 SCN909**
 Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
 Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
 Printed: Friday, May 19, 2017 13:58:57 Pacific Daylight Time

ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

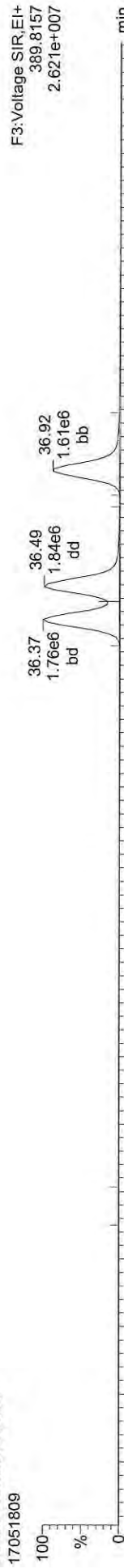
13C-123478-HxCDD



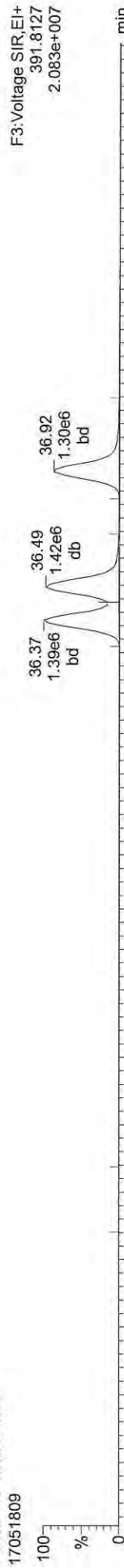
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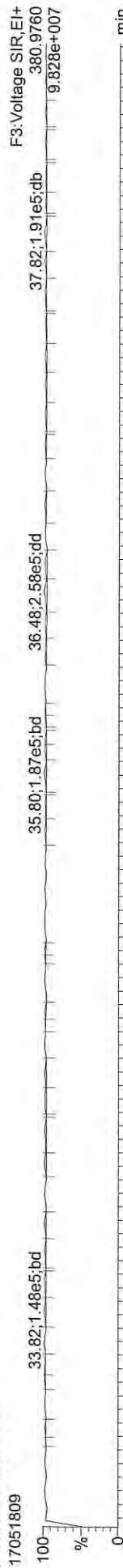
Total-hexadioxins



Total-hexadioxins



FUNCTION3 PFK

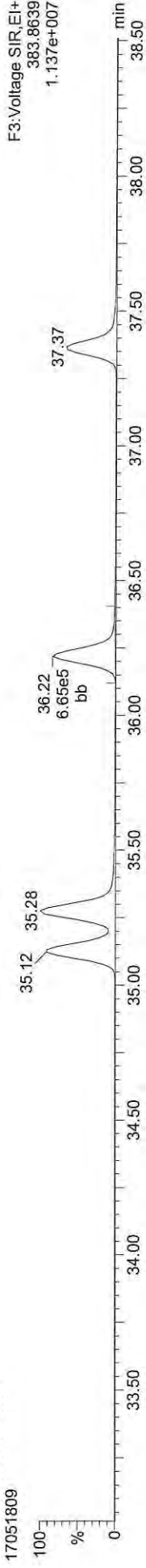


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

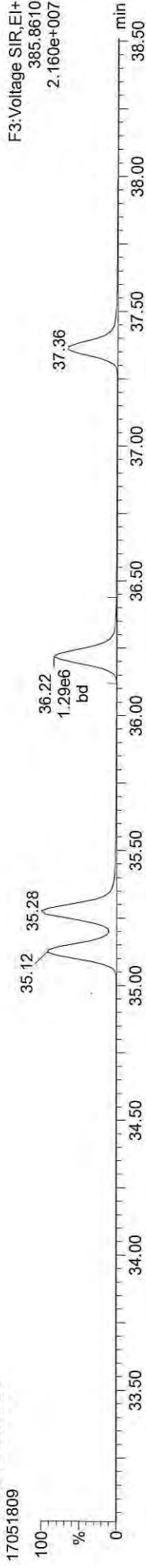
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Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:57 Pacific Daylight Time

ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

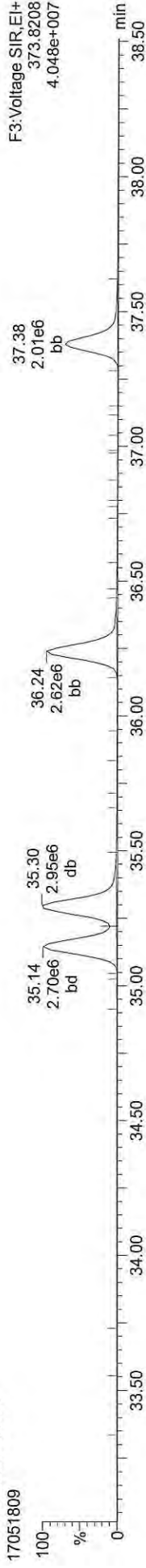
13C-234678-HxCDF



13C-234678-HxCDF



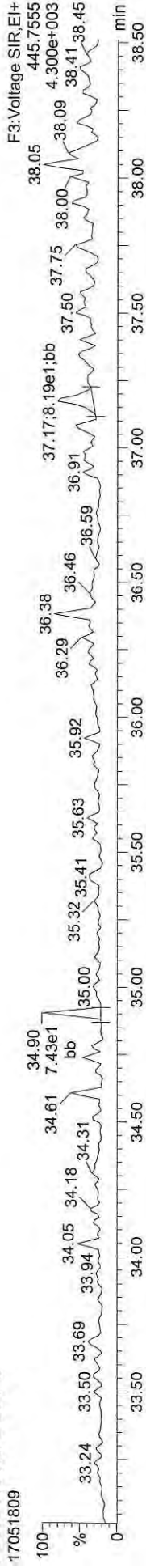
Total-hexafurans



Total-hexafurans



FUNCTION3 OCDPE



Quantify Sample Report
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Diode\pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:57 Pacific Daylight Time

ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

13C-1234678-HpCDD



13C-1234678-HpCDD



Total-heptadioxins



Total-heptadioxins



FUNCTION4 PFK



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:57 Pacific Daylight Time

ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

13C-1234678-HpCDF



13C-1234678-HpCDF



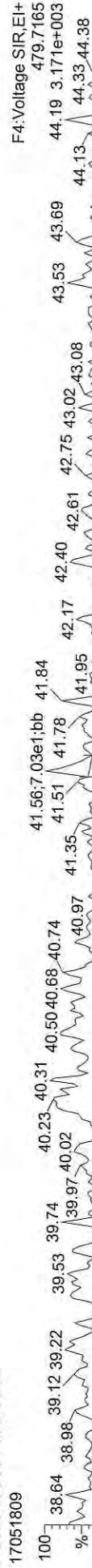
Total-heptafurans



Total-heptafurans



FUNCTION4 NCDPE

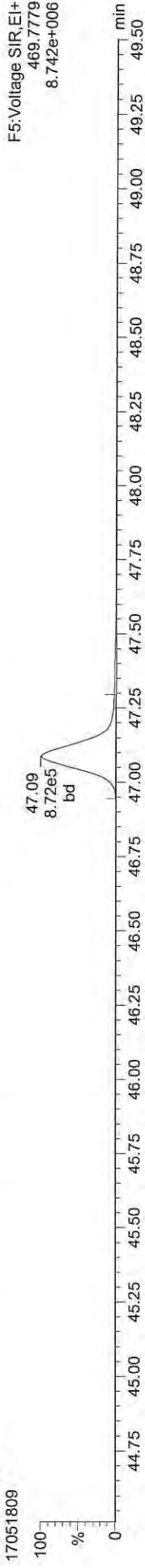


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

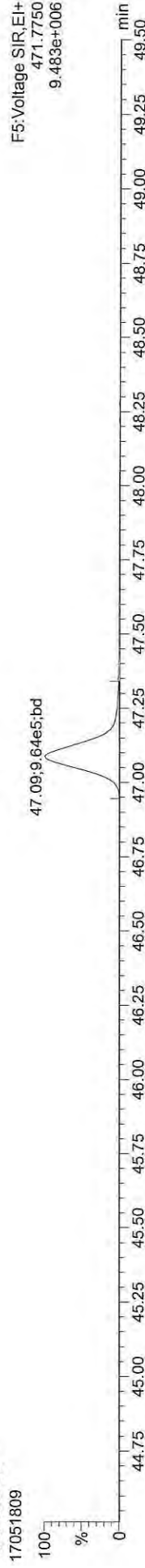
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Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:57 Pacific Daylight Time

ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

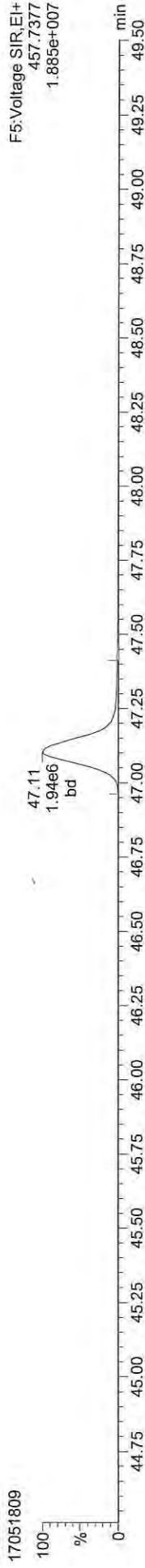
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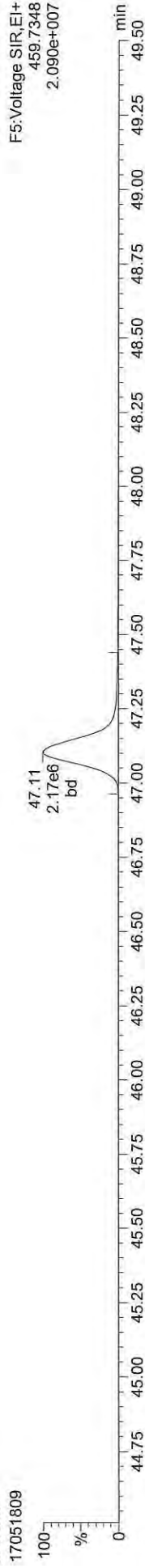
13C-OCDD



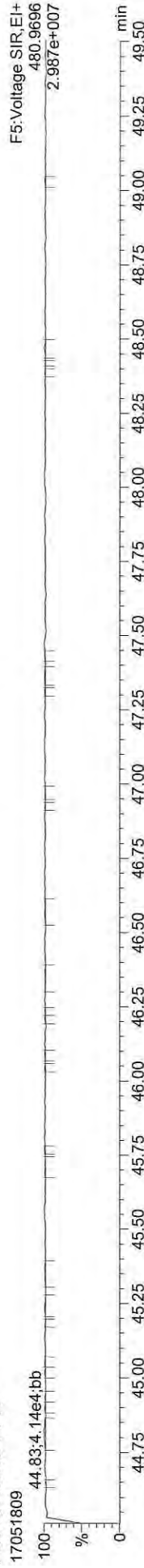
OCDD



OCDD



FUNCTION5 PFK



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:57 Pacific Daylight Time

ID: CS4, Name: 17051809, Date: 18-May-2017, Time: 22:55:59, Conditions: AUTOSPEC01, User: pk

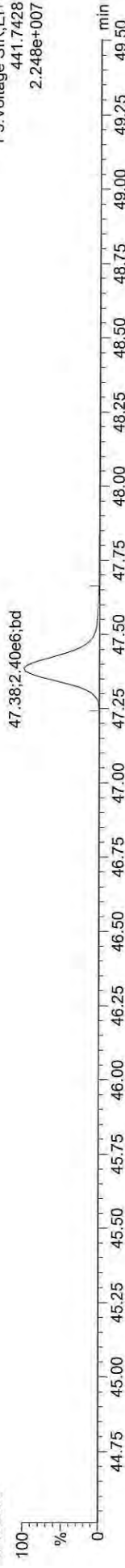
37CL-2378-TCDD

17051809



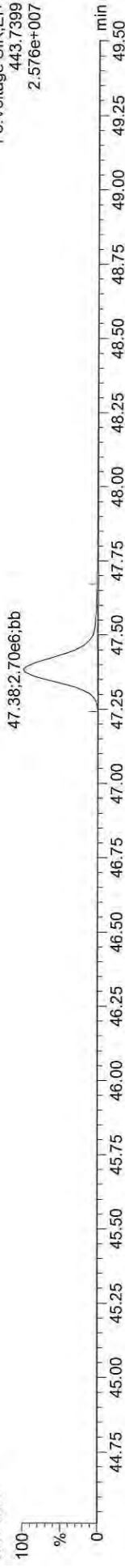
OCDF

17051809



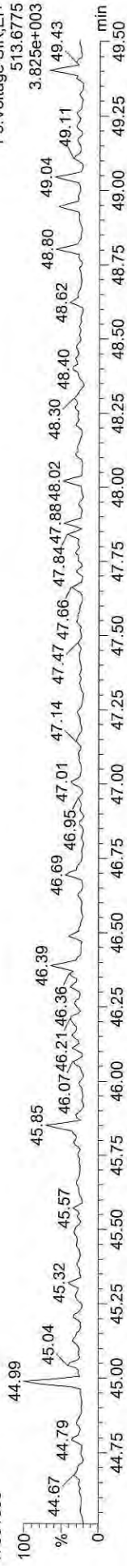
OCDF

17051809



FUNCTION5 DCDPE

17051809



Quantify Sample Summary Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
 Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
 Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin\170518.mdb 18 May 2017 15:01:42
 Calibration: 19 May 2017 13:57:26

ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk

| Compound | RT | RRT | Ion1Area | Ion2Area | RRF | Ratio | Pred R | Noise 1 | Noise 2 | Height 1 | Height 2 | S/N 1 | SNFlag | EMPC | Int.1 | Int.2 | pg |
|-------------------|--------|-------|----------|----------|-------|-------|--------|---------|---------|----------|----------|---------|--------|------|-------|-------|----------|
| 2378-TCDF | 25.989 | 1.001 | 2.034e6 | 2.664e6 | 1.018 | 0.764 | 0.770 | 2268 | 3482 | 2.93e7 | 3.89e7 | 12925.7 | YES | NO | bb | bd | 210.726 |
| 12378-PeCDF | 30.124 | 1.000 | 1.472e7 | 9.583e6 | 0.977 | 1.536 | 1.550 | 9896 | 9024 | 2.20e8 | 1.43e8 | 22202.1 | YES | NO | bd | bd | 1073.159 |
| 23478-PeCDF | 31.472 | 1.001 | 1.418e7 | 9.372e6 | 1.019 | 1.513 | 1.550 | 9896 | 9024 | 2.20e8 | 1.43e8 | 22256.2 | YES | NO | db | db | 1049.119 |
| 123478-HxCDF | 35.133 | 1.000 | 1.108e7 | 9.081e6 | 1.150 | 1.220 | 1.240 | 11081 | 12299 | 1.66e8 | 1.36e8 | 14959.1 | YES | NO | bd | bd | 1039.873 |
| 234678-HxCDF | 36.229 | 1.001 | 1.078e7 | 8.897e6 | 1.188 | 1.211 | 1.240 | 11081 | 12299 | 1.59e8 | 1.31e8 | 14324.0 | YES | NO | bb | bb | 1049.374 |
| 123678-HxCDF | 35.286 | 1.001 | 1.203e7 | 9.878e6 | 1.100 | 1.218 | 1.240 | 11081 | 12299 | 1.74e8 | 1.42e8 | 15743.9 | YES | NO | db | db | 1056.247 |
| 123789-HxCDF | 37.369 | 1.000 | 8.634e6 | 7.087e6 | 1.116 | 1.218 | 1.240 | 11081 | 12299 | 1.28e8 | 1.05e8 | 11590.5 | YES | NO | bb | bb | 1032.317 |
| 1234678-HpCDF | 39.418 | 1.000 | 9.140e6 | 9.210e6 | 1.238 | 0.992 | 1.050 | 9085 | 9313 | 1.34e8 | 1.34e8 | 14791.6 | YES | NO | bb | bb | 1032.161 |
| 1234789-HpCDF | 42.114 | 1.001 | 6.792e6 | 6.676e6 | 1.257 | 1.017 | 1.050 | 9085 | 9313 | 8.44e7 | 8.44e7 | 9286.2 | YES | NO | bb | bb | 1046.839 |
| OCDF | 47.375 | 1.006 | 1.089e7 | 1.242e7 | 1.321 | 0.877 | 0.890 | 4952 | 7614 | 1.09e8 | 1.24e8 | 21917.2 | YES | NO | bb | bb | 2139.575 |
| 2378-TCDD | 26.631 | 1.001 | 1.286e6 | 1.628e6 | 1.244 | 0.790 | 0.770 | 1481 | 1899 | 1.87e7 | 2.35e7 | 12642.9 | YES | NO | bb | bb | 201.946 |
| 12378-PeCDD | 31.713 | 1.000 | 8.169e6 | 5.147e6 | 1.058 | 1.587 | 1.550 | 2934 | 4292 | 1.22e8 | 7.70e7 | 41609.7 | YES | NO | bb | bb | 1065.048 |
| 123478-HxCDD | 36.360 | 1.001 | 7.394e6 | 5.822e6 | 1.119 | 1.270 | 1.240 | 7712 | 3023 | 1.13e8 | 8.86e7 | 14604.4 | YES | NO | bd | bd | 1028.162 |
| 123678-HxCDD | 36.481 | 1.000 | 7.423e6 | 5.862e6 | 1.040 | 1.266 | 1.240 | 7712 | 3023 | 1.08e8 | 8.62e7 | 14020.7 | YES | NO | db | db | 1019.928 |
| 123789-HxCDD | 36.919 | 1.012 | 6.862e6 | 5.520e6 | 0.981 | 1.243 | 1.240 | 7712 | 3023 | 9.96e7 | 7.89e7 | 12920.1 | YES | NO | bb | bd | 1051.919 |
| 1234678-HpCDD | 41.227 | 1.000 | 5.555e6 | 5.417e6 | 1.132 | 1.026 | 1.050 | 5483 | 6253 | 7.56e7 | 7.14e7 | 13782.6 | YES | NO | bb | bd | 1015.441 |
| OCDD | 47.097 | 1.000 | 8.735e6 | 9.678e6 | 1.117 | 0.903 | 0.890 | 5674 | 6389 | 8.90e7 | 9.87e7 | 15686.0 | YES | NO | bd | bd | 1998.899 |
| 13C-2378-TCDF | 25.973 | 1.007 | 9.715e5 | 1.218e6 | 1.685 | 0.798 | 0.770 | 6207 | 3899 | 1.42e7 | 1.80e7 | 2280.8 | YES | NO | bb | bb | 103.820 |
| 13C-12378-PeCDF | 30.113 | 1.167 | 1.422e6 | 8.976e5 | 1.706 | 1.584 | 1.550 | 4349 | 4253 | 2.10e7 | 1.30e7 | 4830.1 | YES | NO | bb | bd | 108.632 |
| 13C-23478-PeCDF | 31.450 | 1.219 | 1.361e6 | 8.417e5 | 1.632 | 1.617 | 1.550 | 4349 | 4253 | 2.04e7 | 1.29e7 | 4692.4 | YES | NO | bb | bb | 107.833 |
| 13C-123478-HxCDF | 35.122 | 0.952 | 5.778e5 | 1.108e6 | 1.682 | 0.522 | 0.510 | 3497 | 6055 | 8.75e6 | 1.67e7 | 2500.9 | YES | NO | bd | bd | 96.301 |
| 13C-123678-HxCDF | 35.264 | 0.956 | 6.521e5 | 1.234e6 | 1.945 | 0.529 | 0.510 | 3497 | 6055 | 9.34e6 | 1.78e7 | 2670.4 | YES | NO | db | db | 93.174 |
| 13C-234678-HxCDF | 36.207 | 0.981 | 5.437e5 | 1.035e6 | 1.582 | 0.525 | 0.510 | 3497 | 6055 | 7.92e6 | 1.47e7 | 2265.1 | YES | NO | bb | bb | 95.895 |
| 13C-123789-HxCDF | 37.358 | 1.012 | 4.775e5 | 8.870e5 | 1.291 | 0.538 | 0.510 | 3497 | 6055 | 6.86e6 | 1.30e7 | 1960.4 | YES | NO | bb | bb | 101.614 |
| 13C-1234678-HpCDF | 39.407 | 1.068 | 4.437e5 | 9.923e5 | 1.427 | 0.447 | 0.440 | 3069 | 2981 | 6.45e6 | 1.44e7 | 2101.4 | YES | NO | bb | bd | 96.757 |
| 13C-1234789-HpCDF | 42.092 | 1.141 | 3.117e5 | 7.115e5 | 0.957 | 0.438 | 0.440 | 3069 | 2981 | 3.90e6 | 8.75e6 | 1270.0 | YES | NO | bb | bd | 102.780 |
| 13C-1234-TCDD | 25.794 | 0.000 | 5.452e5 | 7.065e5 | 1.000 | 0.772 | 0.770 | 2665 | 1306 | 8.01e6 | 1.03e7 | 3006.3 | YES | NO | bb | bd | 100.000 |
| 13C-2378-TCDD | 26.601 | 1.031 | 5.111e5 | 6.484e5 | 0.873 | 0.788 | 0.770 | 2665 | 1306 | 7.45e6 | 9.45e6 | 2793.9 | YES | NO | bb | bb | 106.148 |
| 13C-12378-PeCDD | 31.702 | 1.229 | 7.262e5 | 4.552e5 | 0.860 | 1.595 | 1.550 | 2130 | 1329 | 1.08e7 | 6.74e6 | 5055.4 | YES | NO | bb | bb | 109.746 |
| 13C-123478-HxCDD | 36.338 | 0.985 | 6.472e5 | 5.013e5 | 1.114 | 1.291 | 1.240 | 2404 | 2914 | 9.66e6 | 7.49e6 | 4021.1 | YES | NO | bd | bd | 99.126 |
| 13C-123678-HxCDD | 36.470 | 0.988 | 6.960e5 | 5.562e5 | 1.258 | 1.252 | 1.240 | 2404 | 2914 | 1.02e7 | 7.89e6 | 4223.7 | YES | NO | db | dd | 95.639 |
| 13C-1234678-HpCDD | 41.216 | 1.117 | 4.939e5 | 4.607e5 | 0.924 | 1.072 | 1.050 | 2021 | 1797 | 6.47e6 | 6.06e6 | 3200.6 | YES | NO | bb | bb | 99.346 |
| 13C-OCDD | 47.079 | 1.276 | 7.770e5 | 8.727e5 | 0.738 | 0.890 | 0.890 | 4237 | 2357 | 7.79e6 | 8.79e6 | 1837.8 | YES | NO | bd | bd | 214.752 |

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld

Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time

Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk

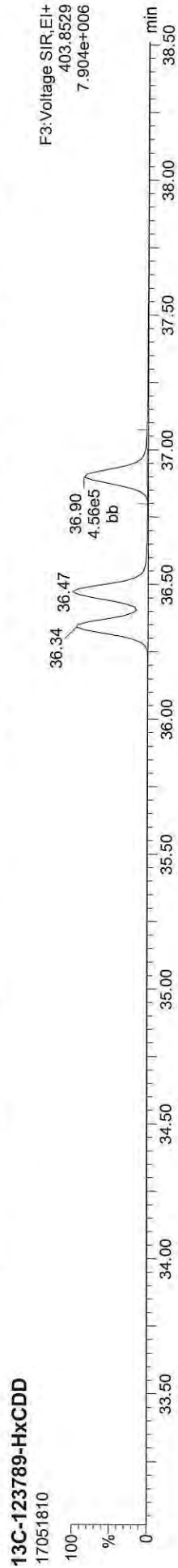
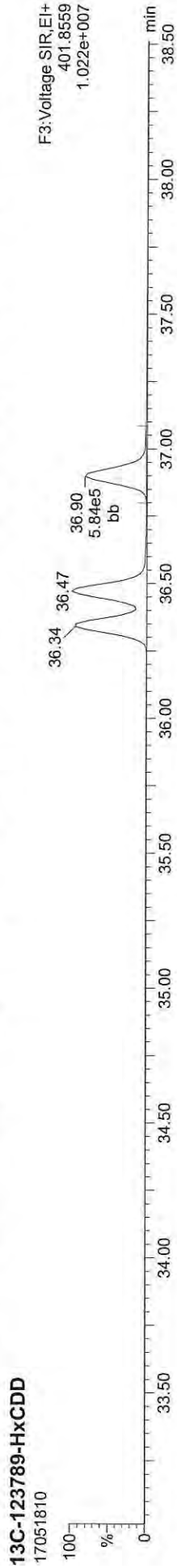
| Compound | RT | RRT | Ion1Area | Ion2Area | RRF | Ratio | Pred R | Noise 1 | Noise 2 | Height 1 | Height 2 | S/N 1 | SNFlag | EMPC | Int.1 | Int.2 | pg |
|---------------------|--------|-------|----------|----------|-------|-------|--------|---------|---------|----------|----------|---------|--------|------|-------|-------|-----------|
| 13C-123789-HxCDD | 36.897 | 0.000 | 5.843e5 | 4.561e5 | 1.000 | 1.281 | 1.240 | 2404 | 2914 | 8.34e6 | 6.62e6 | 3469.2 | YES | NO | bb | bb | 100.000 |
| Total-tetrafurans | | | 2.072e6 | | 1.018 | | | 2268 | | 2.98e7 | | | | | | | 214.628 |
| Total-penta1 | | | 1.553e2 | | | | | 526 | | 2.50e3 | | | | | | | 0.012 |
| Total-pentafurans | | | 2.958e7 | | 0.998 | | | 9896 | | 4.49e8 | | | | | | | 2173.920 |
| Total-hexafurans | | | 4.258e7 | | 1.138 | | | 11081 | | 6.28e8 | | | | | | | 4184.587 |
| Total-heptafurans | | | 1.594e7 | | 1.248 | | | 9085 | | 2.19e8 | | | | | | | 2080.500 |
| Total-Furans | | | 1.011e8 | | 1.138 | | | 2268 | | 1.43e9 | | | | | | | 10793.262 |
| Total-tetra-dioxins | | | 1.318e6 | | 1.244 | | | 1481 | | 1.91e7 | | | | | | | 206.813 |
| Total-penta-dioxins | | | 8.187e6 | | 1.058 | | | 2934 | | 1.22e8 | | | | | | | 1067.423 |
| Total-hexa-dioxins | | | 2.168e7 | | 1.047 | | | 7712 | | 3.20e8 | | | | | | | 3100.083 |
| Total-hepta-dioxins | | | 5.579e6 | | 1.132 | | | 5483 | | 7.59e7 | | | | | | | 1019.935 |
| Total-Dioxins | | | 4.550e7 | | 1.099 | | | 1481 | | 6.27e8 | | | | | | | 7393.212 |
| Total-TEQ | | | 1.466e8 | | | | | 1481 | | 2.06e9 | | | | | | | 18186.474 |
| 37CL-2378-TCDD | 26.631 | 1.032 | 2.880e6 | | 1.021 | | | 1556 | | 4.14e7 | | 26595.2 | YES | | bb | | 225.349 |
| FUNCTION1 PFK | | | 2.872e6 | | | | | 909285 | | 4.80e7 | | | | | | | |
| FUNCTION2 PFK | | | 2.261e5 | | | | | 164420 | | 6.59e6 | | | | | | | 0.000 |
| FUNCTION3 PFK | | | 0.000e0 | | | | | 795551 | | 0.00e0 | | | | | | | |
| FUNCTION4 PFK | | | 1.574e6 | | | | | 443600 | | 3.86e7 | | | | | | | |
| FUNCTION5 PFK | | | 5.015e5 | | | | | 332140 | | 1.72e7 | | | | | | | |
| FUNCTION1 HXCDPE | | | 2.978e2 | | | | | 485 | | 6.20e3 | | | | | | | 0.000 |
| FUNCTION1 HPCDPE | | | 5.316e2 | | | | | 688 | | 1.36e4 | | | | | | | 0.000 |
| FUNCTION2 HPCDPE | | | 1.164e4 | | | | | 1069 | | 1.74e5 | | | | | | | 0.000 |
| FUNCTION3 OCDPE | | | 1.601e2 | | | | | 531 | | 3.95e3 | | | | | | | 0.000 |
| FUNCTION4 NCDPE | | | 0.000e0 | | | | | 664 | | 0.00e0 | | | | | | | |
| FUNCTION5 DCDPE | | | 4.251e2 | | | | | 636 | | 1.21e4 | | | | | | | 0.000 |

Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170518.mdb 18 May 2017 15:01:42
Calibration: 19 May 2017 13:57:26

ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

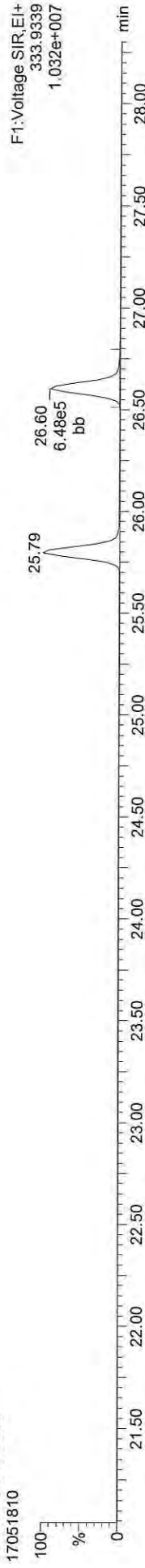
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk

13C-2378-TCDD



13C-2378-TCDD



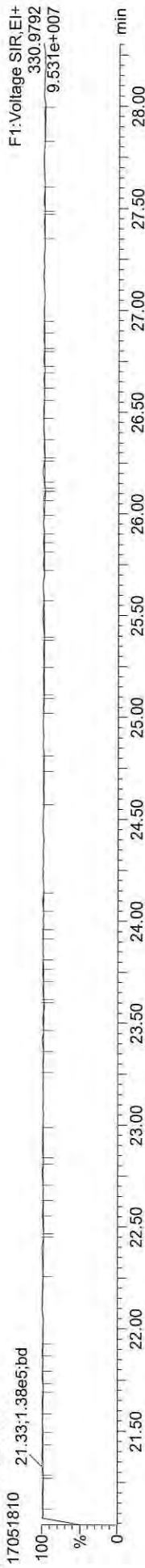
Total-tetradioxins



Total-tetradioxins



FUNCTION1 PFK



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

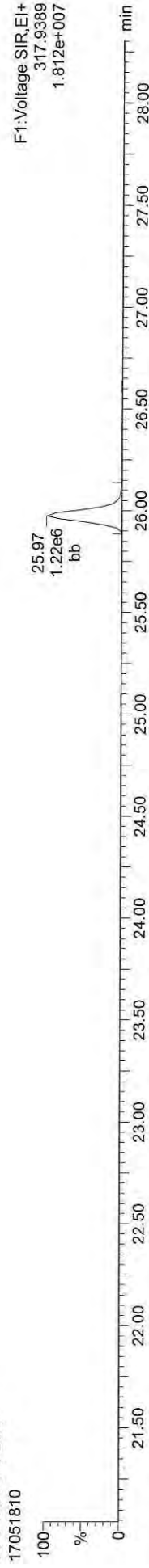
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk

13C-2378-TCDF



13C-2378-TCDF



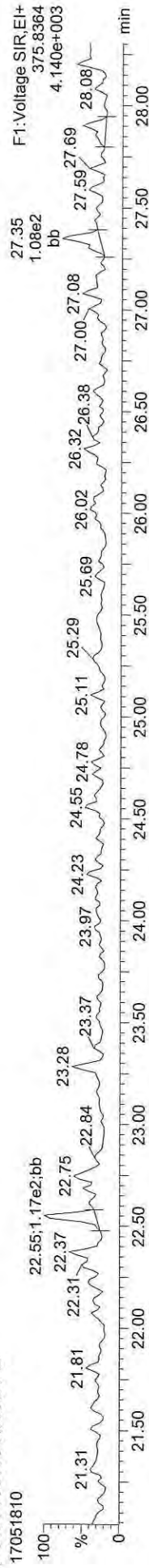
Total-tetrafurans



Total-tetrafurans



FUNCTION1 HXCDPE

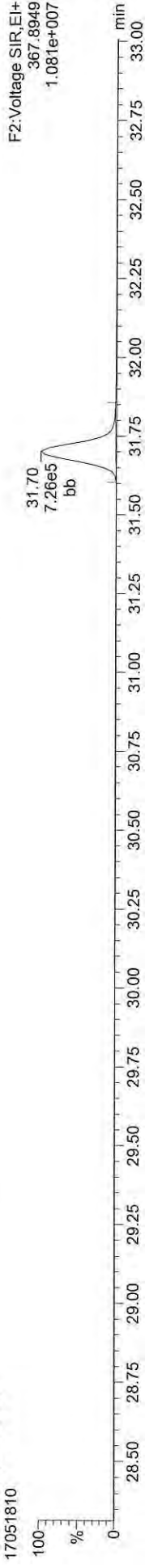


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

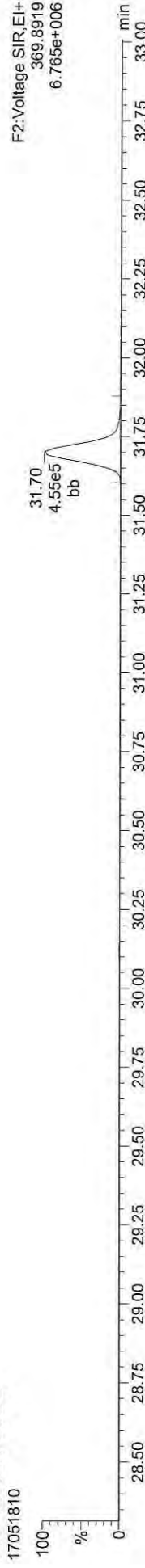
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk

13C-12378-PeCDD



13C-12378-PeCDD



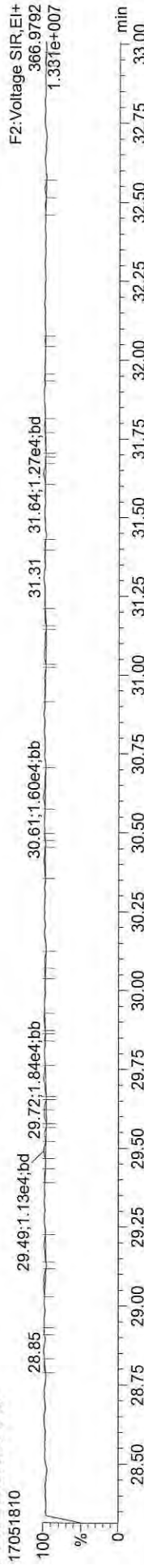
Total-pentadioxins



Total-pentadioxins



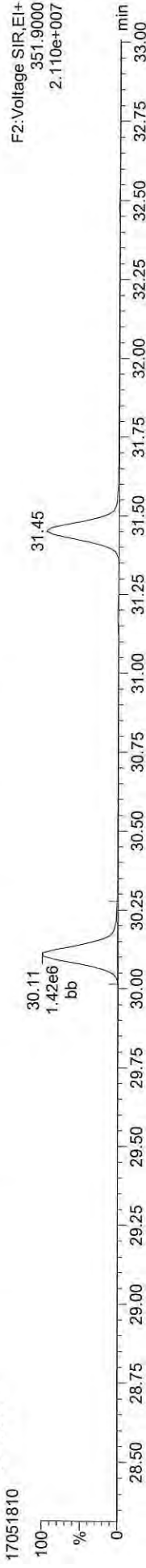
FUNCTION2 PFK



Quantify Sample Report MassLynx MassLynx V4.1 SCN909
 Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
 Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
 Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk

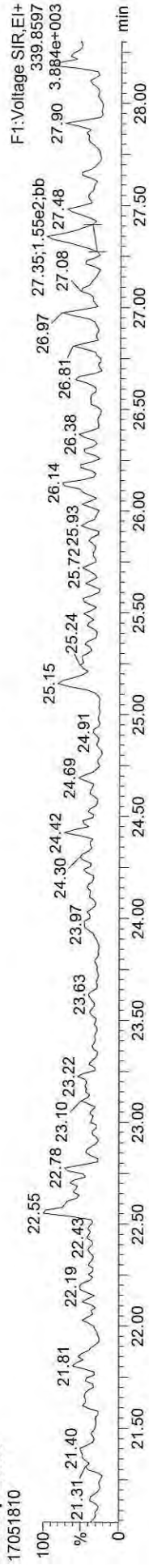
13C-12378-PeCDF



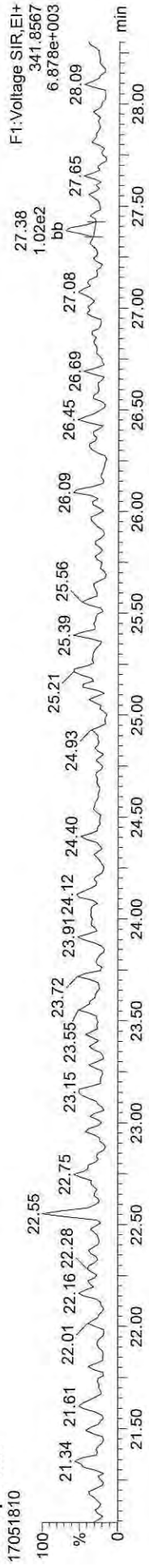
13C-12378-PeCDF



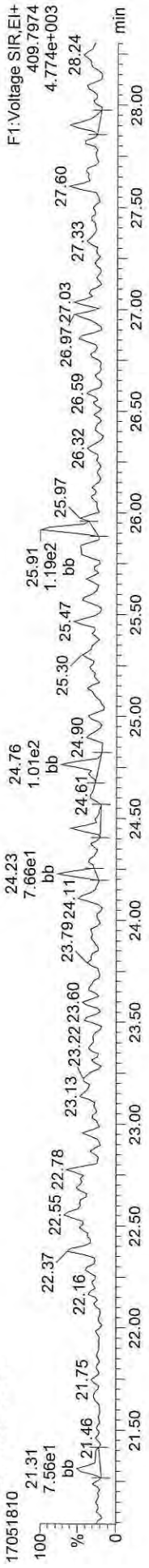
Total-penta1



Total-penta1



FUNCTION1 HPCDPE



Quantify Sample Report

MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\17051810.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk

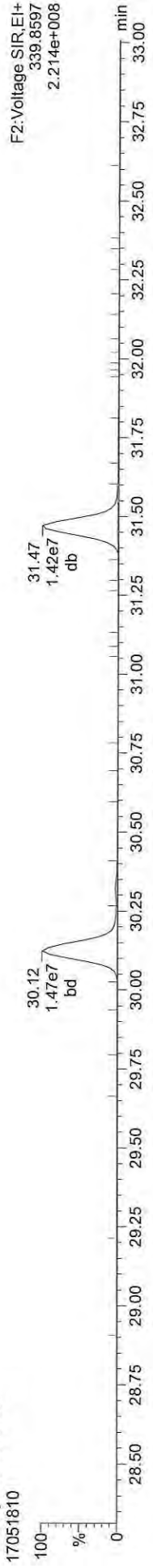
13C-23478-PeCDF



13C-23478-PeCDF



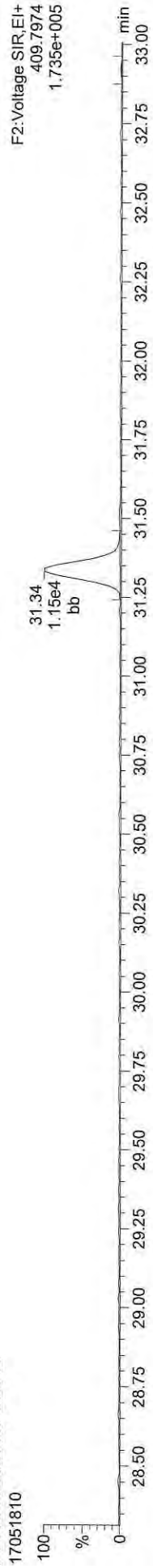
Total-pentafurans



Total-pentafurans



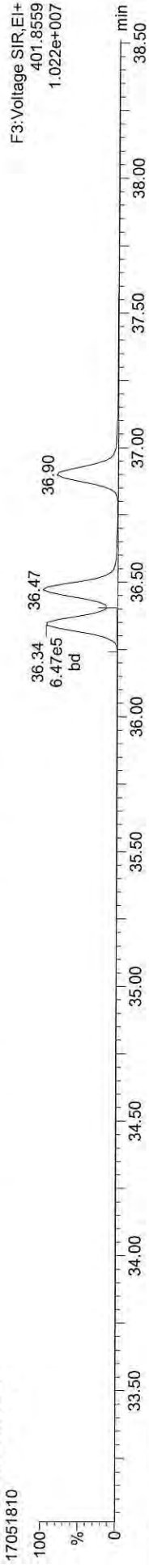
FUNCTION2 HPCDPE



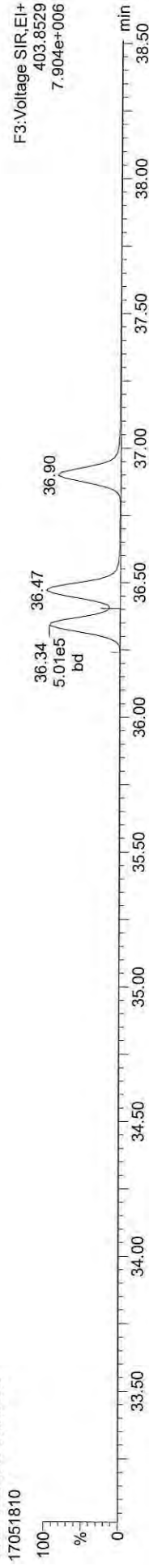
Quantify Sample Report
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk

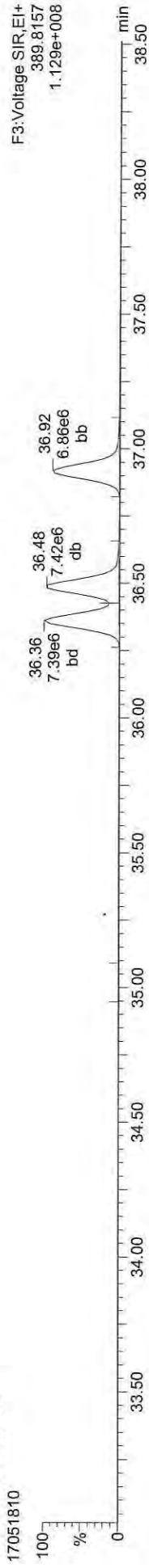
13C-123478-HxCDD



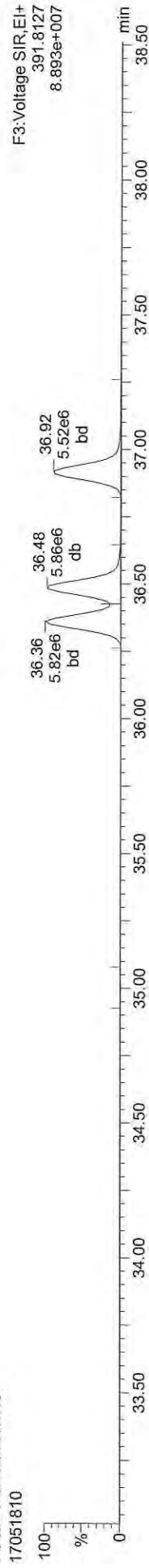
13C-123478-HxCDD



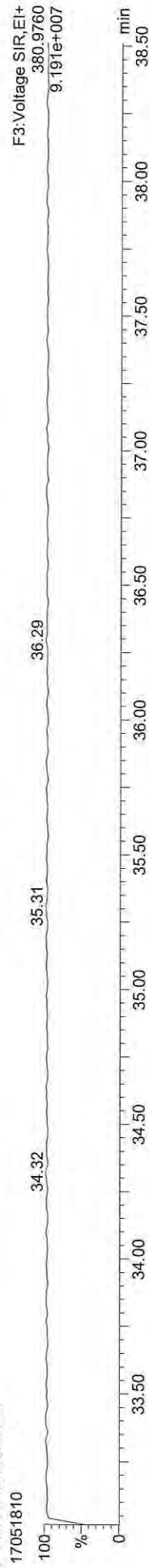
Total-hexadioxins



Total-hexadioxins



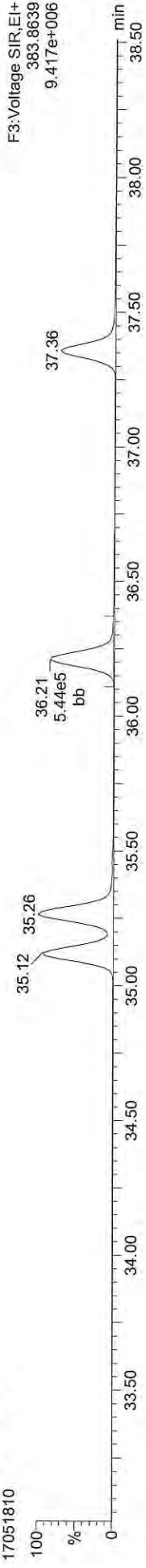
FUNCTION3 PFK



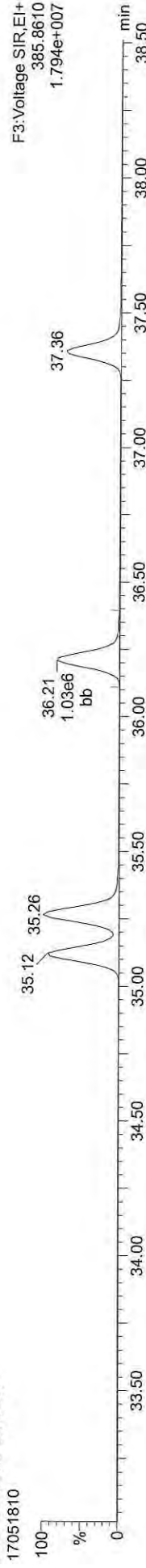
Quantify Sample Report **MassLynx MassLynx V4.1 SCN909**
 Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
 Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
 Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk

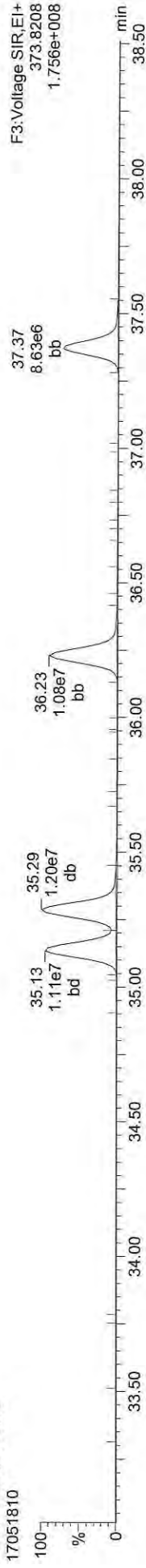
13C-234678-HxCDF



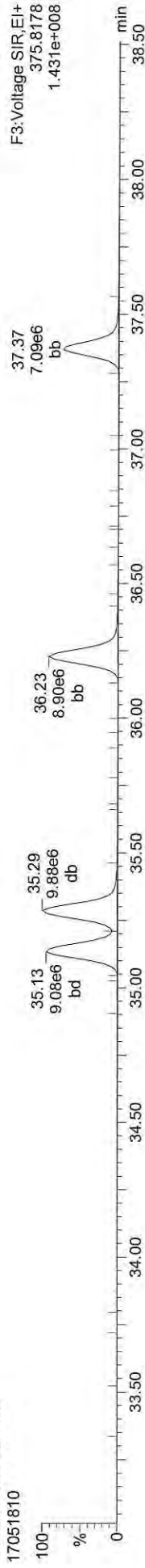
13C-234678-HxCDF



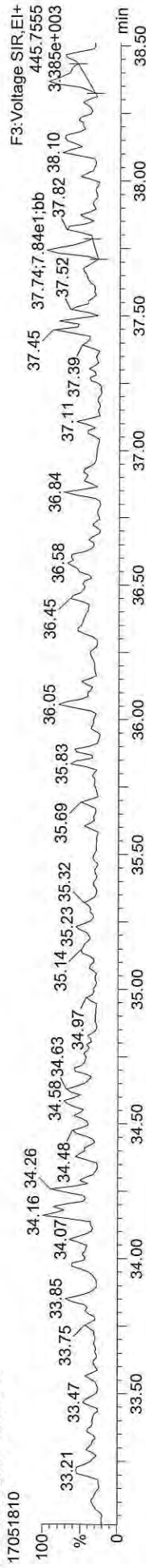
Total-hexafurans



Total-hexafurans



FUNCTION3 OCDPE

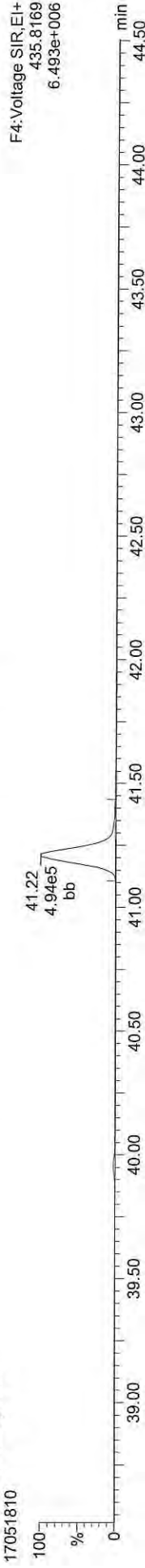


Quantify Sample Report

MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

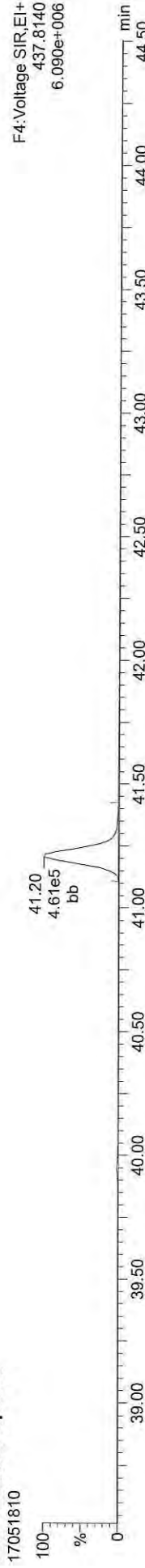
ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk

13C-1234678-HpCDD



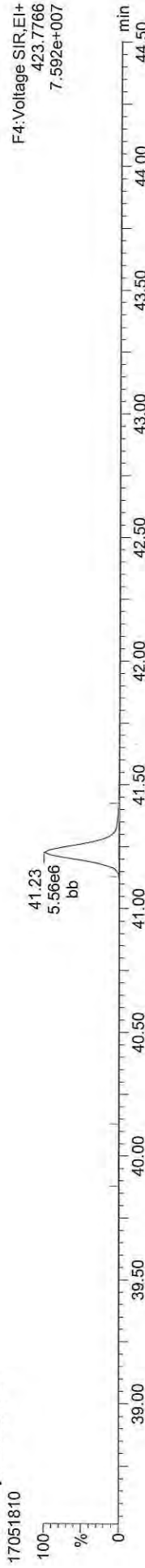
F4: Voltage SIR, EI+
435.8169
6.493e+006

13C-1234678-HpCDD



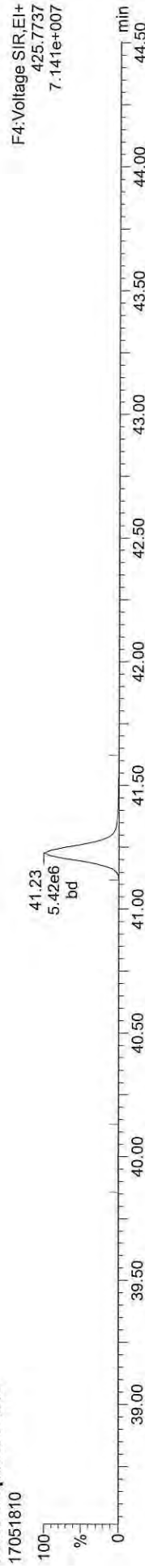
F4: Voltage SIR, EI+
437.8140
6.090e+006

Total-heptadioxins



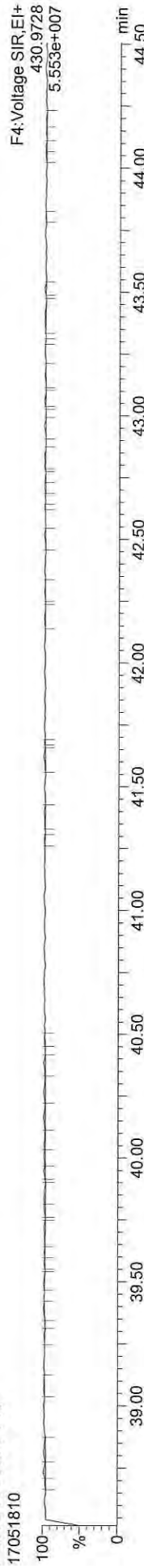
F4: Voltage SIR, EI+
423.7766
7.592e+007

Total-heptadioxins



F4: Voltage SIR, EI+
425.7737
7.141e+007

FUNCTION4 PFK



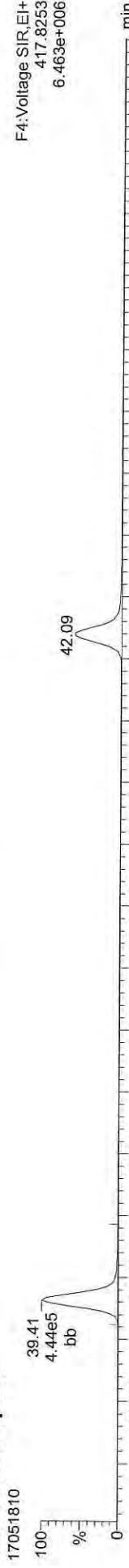
F4: Voltage SIR, EI+
430.9728
5.553e+007

Quantify Sample Report

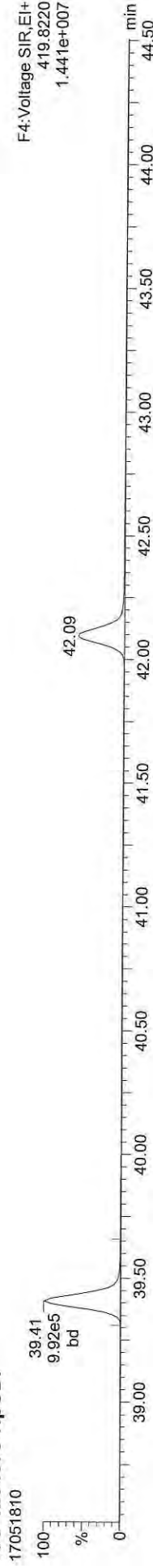
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk

13C-1234678-HpCDF



13C-1234678-HpCDF



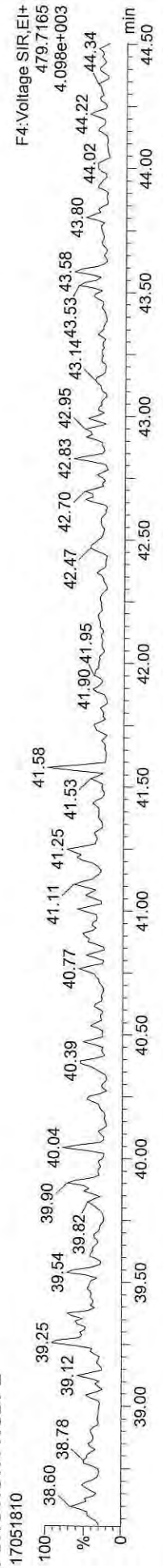
Total-heptafurans



Total-heptafurans



FUNCTION4 NCDPE



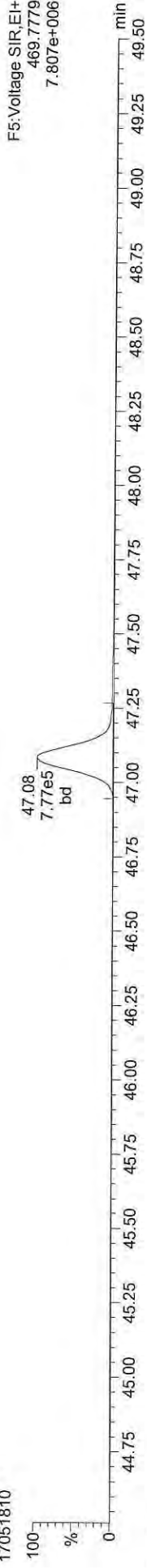
Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk

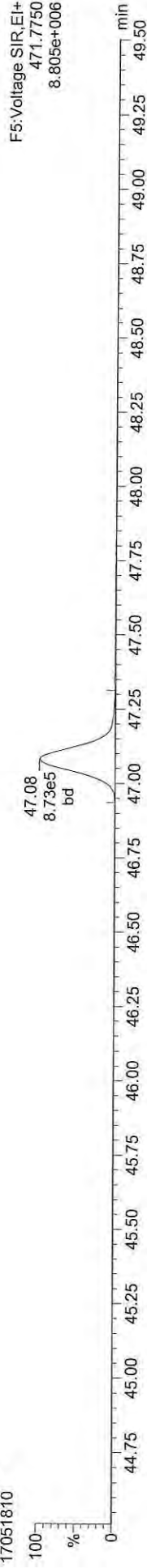
13C-OCDD

17051810



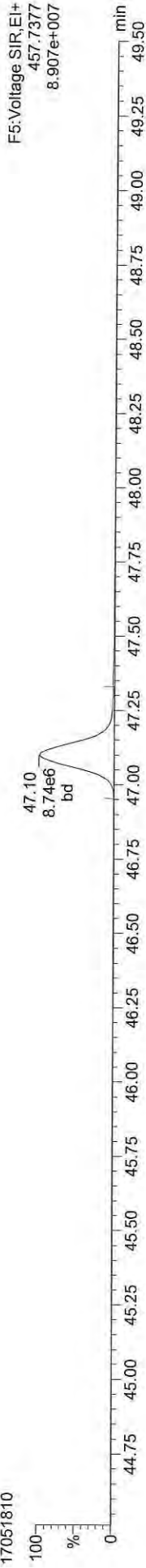
13C-OCDD

17051810



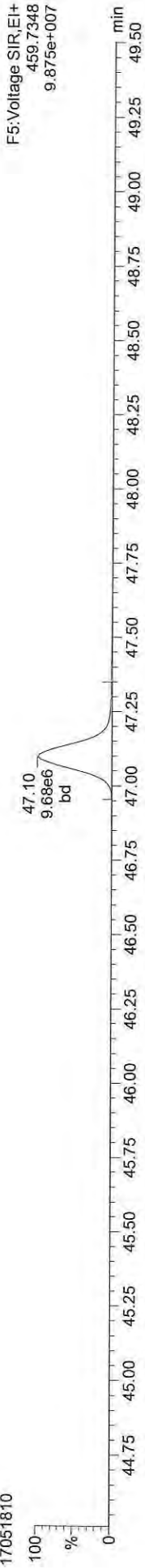
OCDD

17051810



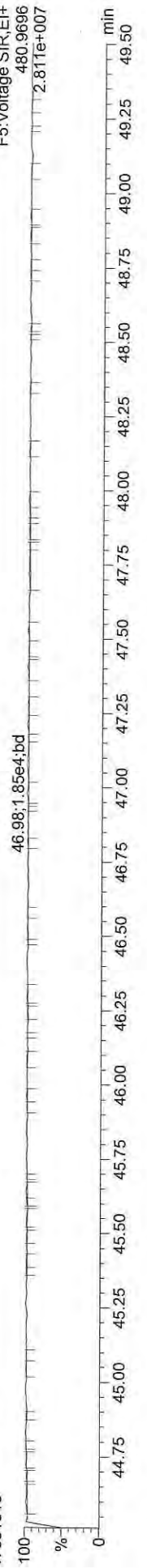
OCDD

17051810



FUNCTION5 PFK

17051810

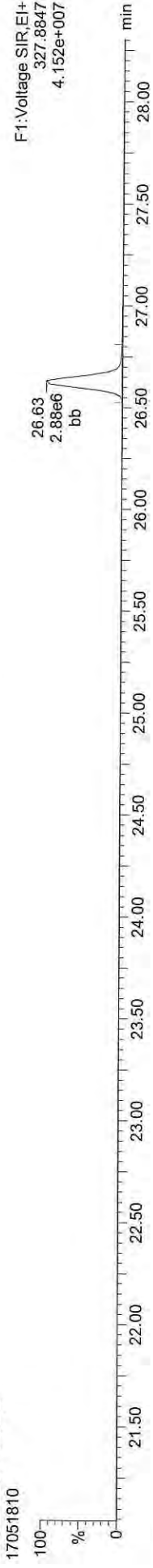


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

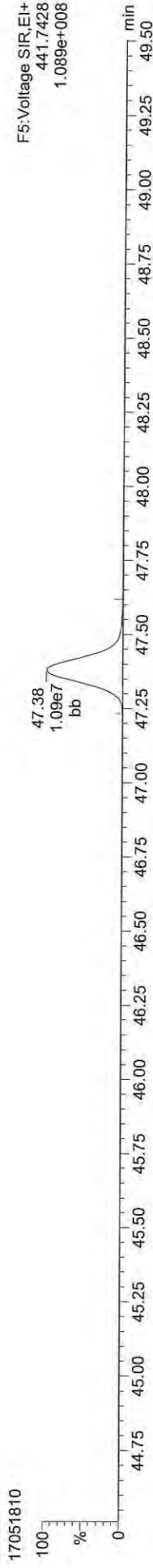
Dataset: C:\MassLynx\Dioxin.pro\170518\CIH.qld
Last Altered: Friday, May 19, 2017 13:57:26 Pacific Daylight Time
Printed: Friday, May 19, 2017 13:58:59 Pacific Daylight Time

ID: CS5, Name: 17051810, Date: 18-May-2017, Time: 23:49:31, Conditions: AUTOSPEC01, User: pk

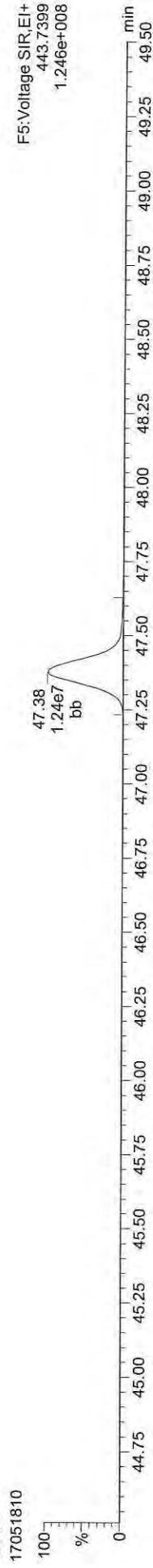
37CL-2378-TCDD



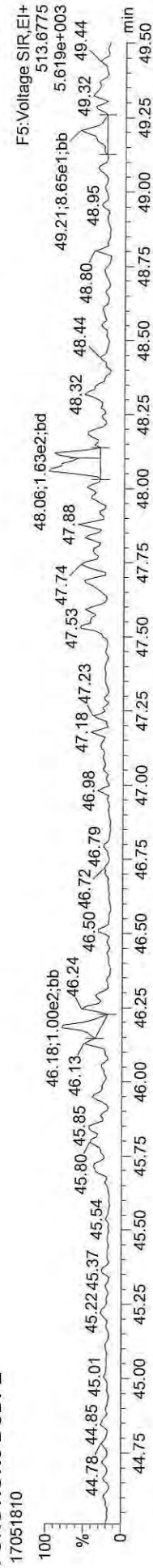
OCDF



OCDF



FUNCTION5 DCDPE



Quantify Sample Summary Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\HICV.qld
Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin\170518.mdb 18 May 2017 15:01:42
Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170518\CIH.cdb 19 May 2017 13:57:26

ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk

Table with columns: Compound, RT, RRT, Ion1Area, Ion2Area, RRF, Ratio, Pred R, Noise 1, Noise 2, Height 1, Height 2, S/N 1, SNFlag, EMPC, Int. 1, Int. 2, pg. Rows include compounds like 2378-TCDF, 12378-PeCDF, 23478-PeCDF, etc.

Quantify Sample Summary Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\HICV.qld
 Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
 Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

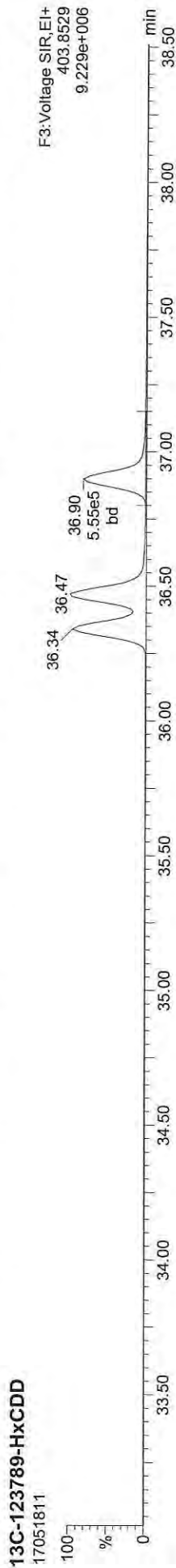
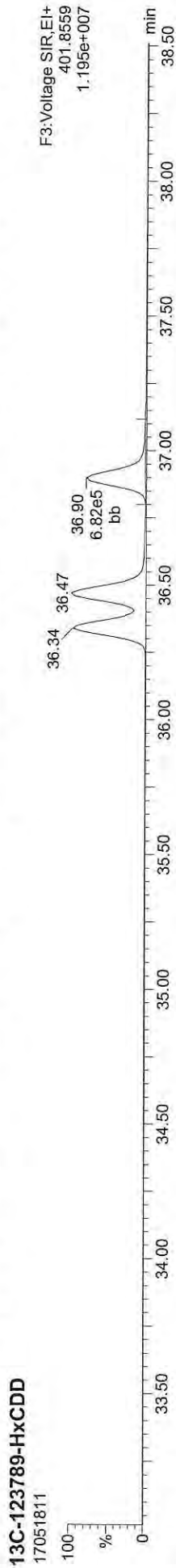
ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk

| Compound | RT | RRT | Ion1Area | Ion2Area | RRF | Ratio | Pred R | Noise 1 | Noise 2 | Height 1 | Height 2 | S/N 1 | SNFlag | EMPC | Int.1 | Int.2 | pg |
|---------------------|--------|-------|----------|----------|-------|-------|--------|---------|---------|----------|----------|--------|--------|------|-------|-------|----------|
| 13C-123789-HxCDD | 36.897 | 0.000 | 6.819e5 | 5.546e5 | 1.000 | 1.230 | 1.240 | 3297 | 1759 | 9.49e6 | 7.59e6 | 2879.6 | YES | NO | bb | bd | 100.000 |
| Total-tetrafurans | | | 3.815e5 | | 1.018 | | | 2144 | | 5.43e6 | | | | | | | 31.498 |
| Total-penta1 | | | 7.258e5 | | | | | 786 | | 1.03e7 | | | | | | | 47.014 |
| Total-penta1furans | | | 2.626e6 | | 0.998 | | | 7147 | | 3.66e7 | | | | | | | 159.323 |
| Total-hexa1furans | | | 3.524e6 | | 1.138 | | | 5903 | | 4.98e7 | | | | | | | 284.143 |
| Total-hepta1furans | | | 9.718e5 | | 1.248 | | | 3905 | | 1.25e7 | | | | | | | 109.237 |
| Total-Furans | | | 8.813e6 | | 1.138 | | | 2144 | | 1.20e8 | | | | | | | 738.960 |
| Total-tetra1dioxins | | | 4.269e5 | | 1.244 | | | 1497 | | 5.17e6 | | | | | | | 53.914 |
| Total-penta1dioxins | | | 1.780e6 | | 1.058 | | | 3492 | | 2.14e7 | | | | | | | 194.404 |
| Total-hexa1dioxins | | | 1.985e6 | | 1.047 | | | 4493 | | 2.81e7 | | | | | | | 233.355 |
| Total-hepta1dioxins | | | 7.677e5 | | 1.132 | | | 3024 | | 9.56e6 | | | | | | | 115.964 |
| Total-Dioxins | | | 5.424e6 | | 1.099 | | | 1497 | | 6.88e7 | | | | | | | 700.761 |
| Total-TEQ | | | 1.424e7 | | | | | 1497 | | 1.89e8 | | | | | | | 1439.721 |
| 37CL-2378-TCDD | 26.616 | 1.032 | 1.860e5 | | 1.021 | | | 1659 | | 2.60e6 | | 1564.4 | YES | | bb | | 11.017 |
| FUNCTION1 PFK | | | 3.184e6 | | | | | 766345 | | 5.41e7 | | | | | | | 0.000 |
| FUNCTION2 PFK | | | 3.550e4 | | | | | 162166 | | 1.31e6 | | | | | | | 0.000 |
| FUNCTION3 PFK | | | 1.814e7 | | | | | 770423 | | 1.39e8 | | | | | | | 0.000 |
| FUNCTION4 PFK | | | 2.295e6 | | | | | 659263 | | 4.76e7 | | | | | | | |
| FUNCTION5 PFK | | | 2.143e5 | | | | | 322690 | | 7.74e6 | | | | | | | |
| FUNCTION1 HXCDPE | | | 1.522e2 | | | | | 315 | | 4.77e3 | | | | | | | 0.000 |
| FUNCTION1 HPCDPE | | | 3.481e2 | | | | | 480 | | 6.64e3 | | | | | | | 0.000 |
| FUNCTION2 HPCDPE | | | 7.740e2 | | | | | 738 | | 1.46e4 | | | | | | | 0.000 |
| FUNCTION3 OGDPE | | | 0.000e0 | | | | | 420 | | 0.00e0 | | | | | | | 0.000 |
| FUNCTION4 NCDPE | | | 2.907e2 | | | | | 674 | | 5.53e3 | | | | | | | 0.000 |
| FUNCTION5 DCDPE | | | 7.357e1 | | | | | 521 | | 1.98e3 | | | | | | | 0.000 |

Quantify Sample Report **MassLynx MassLynx V4.1 SCN909**
Dataset: C:\MassLynx\Dioxin.pro\170518\HICV.qld
Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170518.mdb 18 May 2017 15:01:42
Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170518\ICV.cdb 19 May 2017 13:57:26

ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170518\HICV.qld
Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk

13C-2378-TCDD



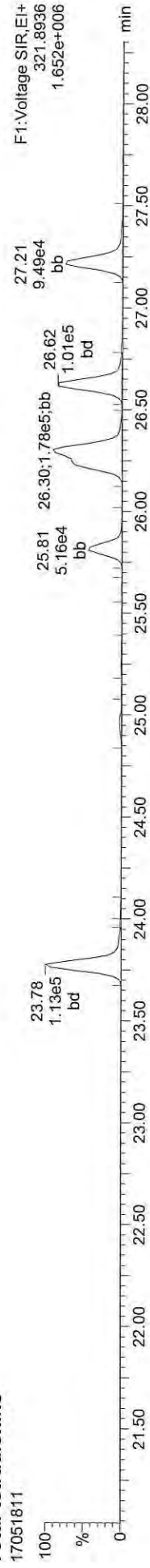
13C-2378-TCDD



Total-tetradiioxins



Total-tetradiioxins



FUNCTION1 PFK

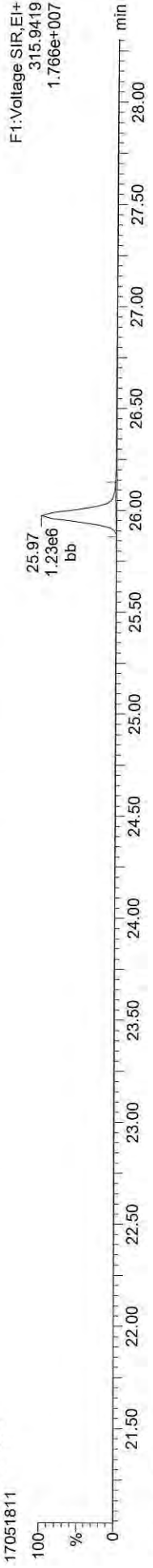


Quantify Sample Report

MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\HICV.qld
Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk

13C-2378-TCDF



13C-2378-TCDF



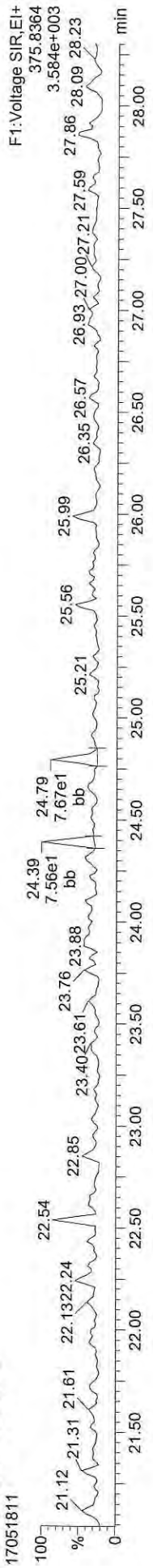
Total-tetrafurans



Total-tetrafurans



FUNCTION1 HXCDPE

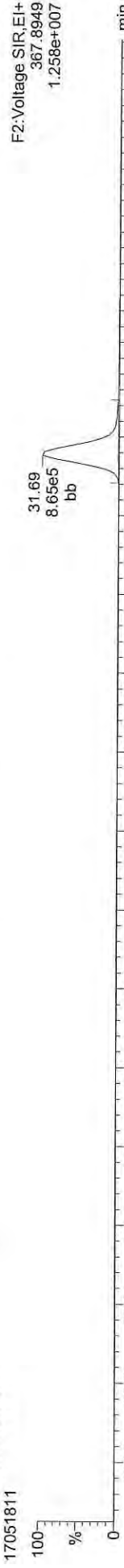


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

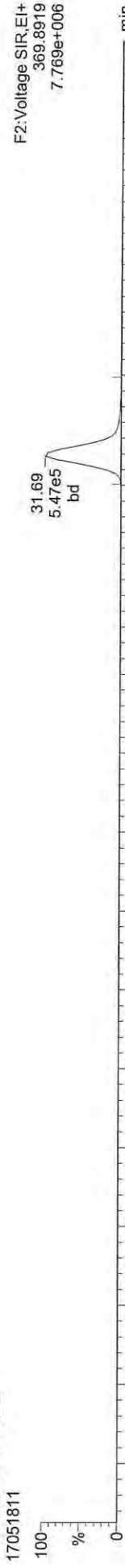
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Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk

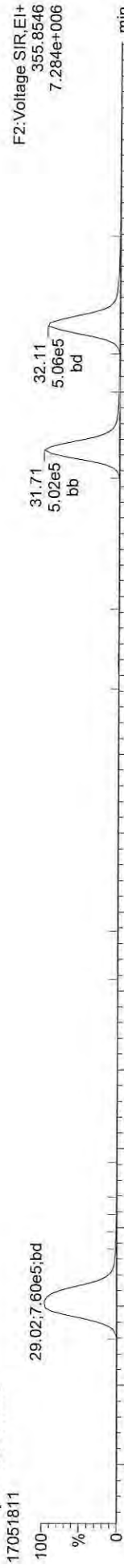
13C-12378-PeCDD



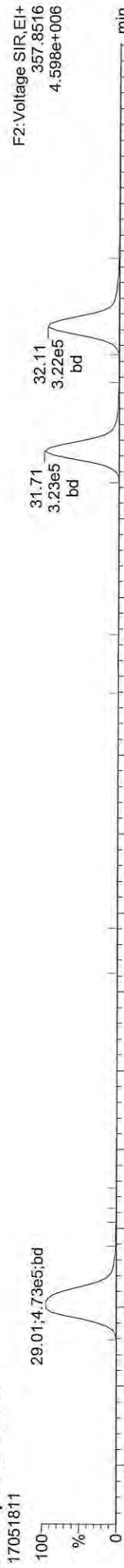
13C-12378-PeCDD



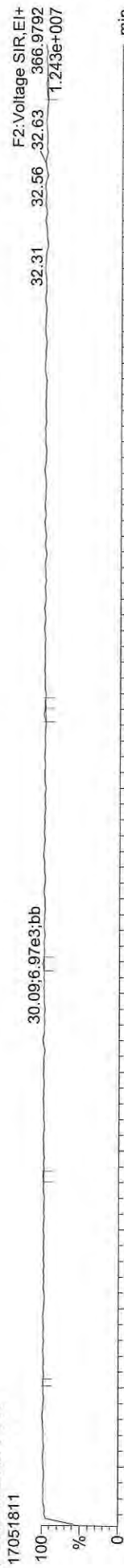
Total-pentadioxins



Total-pentadioxins



FUNCTION2 PFK

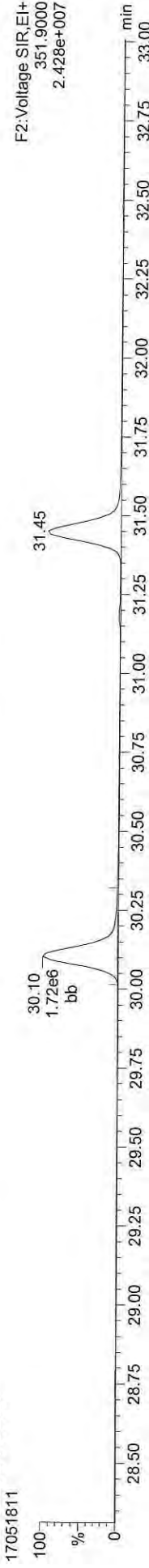


Quantify Sample Report

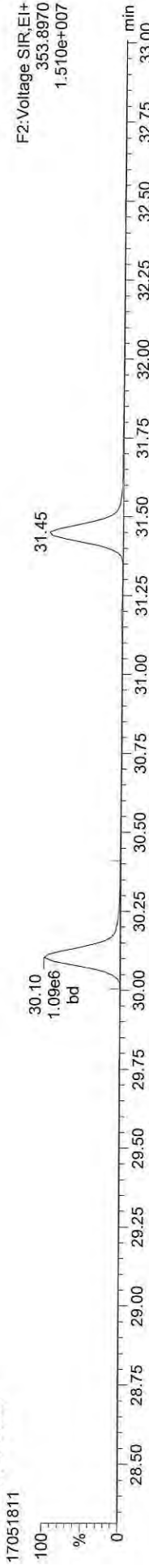
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\HICV.qld
Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk

13C-12378-PeCDF



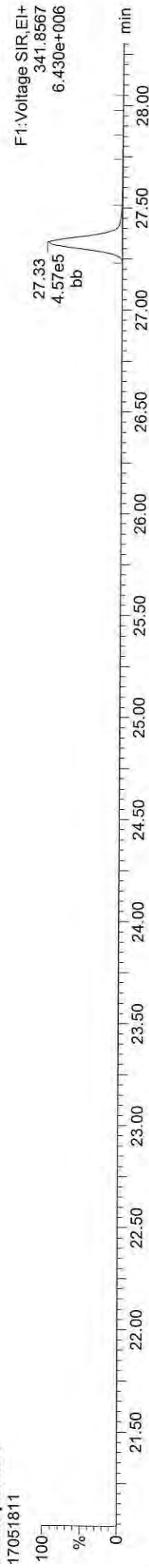
13C-12378-PeCDF



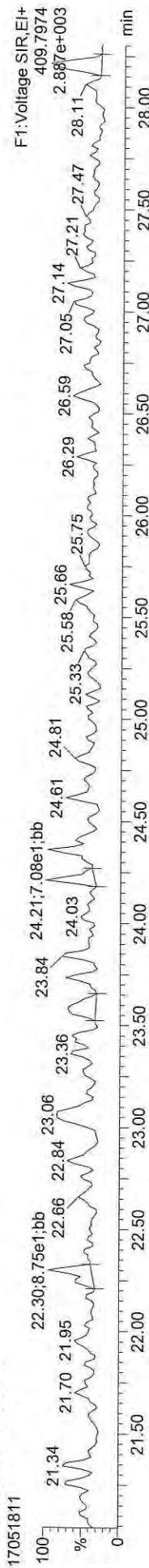
Total-penta1



Total-penta1



FUNCTION1 HPCDPE



Quantify Sample Report MassLynx MassLynx V4.1 SCN909
 Dataset: C:\MassLynx\DJoxin.pro\170518\HICV.gld
 Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
 Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk

13C-23478-PeCDF



13C-23478-PeCDF



Total-pentafurans



Total-pentafurans



FUNCTION2 HPCDPE

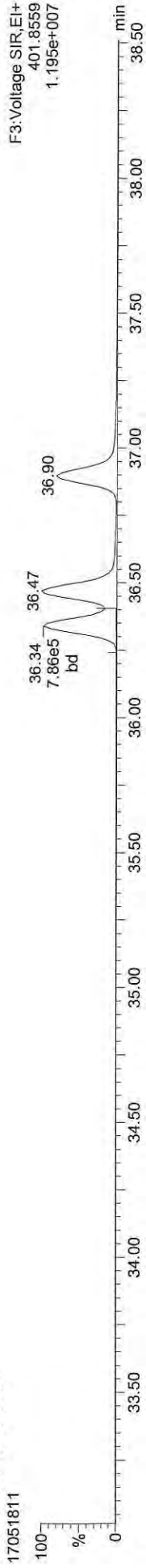


Quantify Sample Report

MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\HICV.qld
Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk

13C-123478-HxCDD



13C-123478-HxCDD



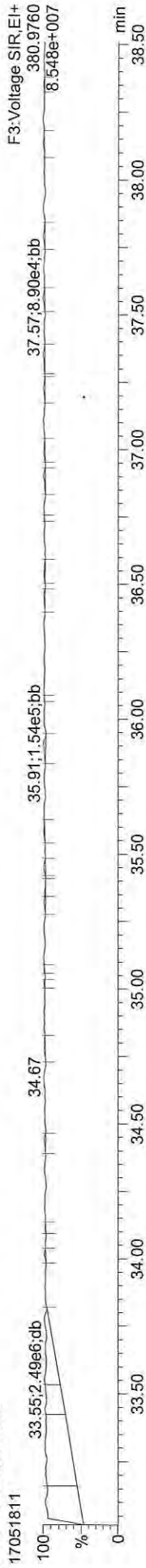
Total-hexadioxins



Total-hexadioxins



FUNCTION3 PFK



Quantify Sample Report MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\HICV.qld
Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk

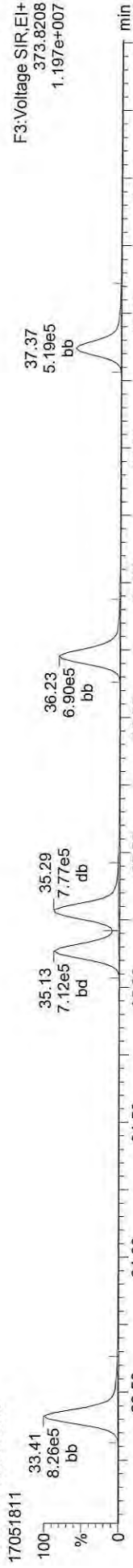
13C-234678-HxCDF



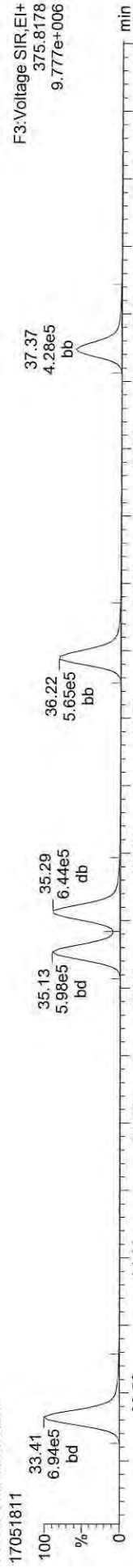
13C-234678-HxCDF



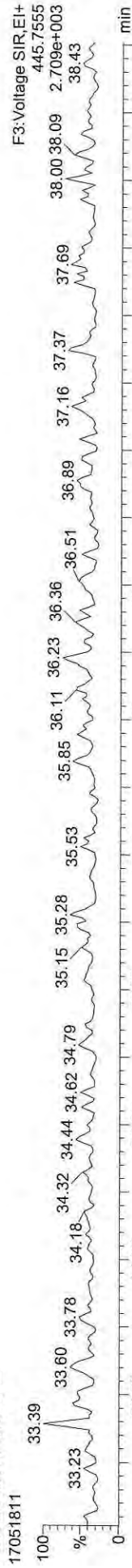
Total-hexafurans



Total-hexafurans



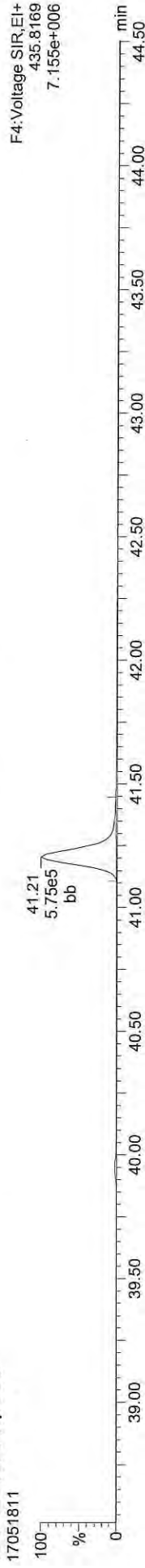
FUNCTION3 OCDPE



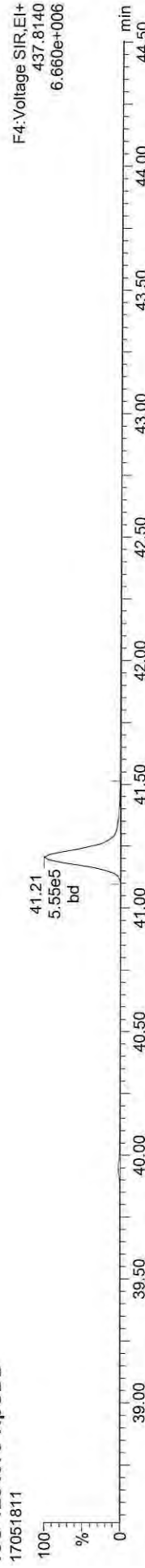
Quantify Sample Report
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\HICV.qld
Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk

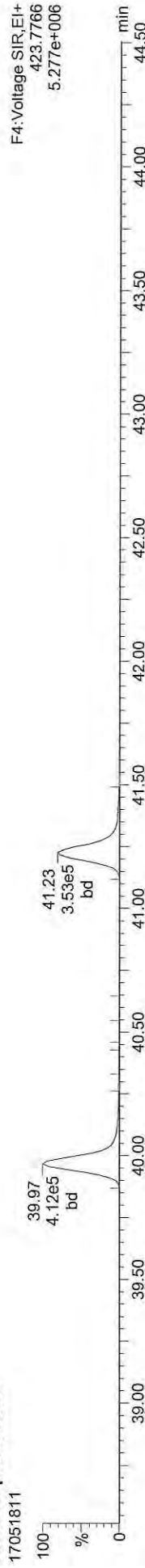
13C-1234678-HpCDD



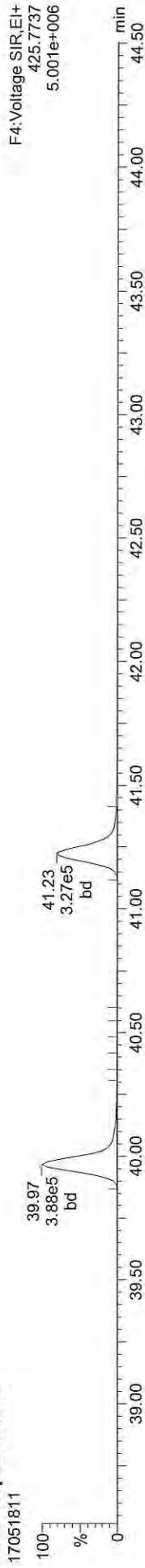
13C-1234678-HpCDD



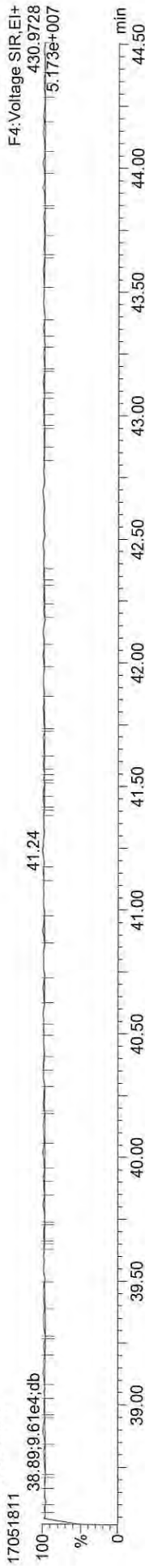
Total-heptadioxins



Total-heptadioxins



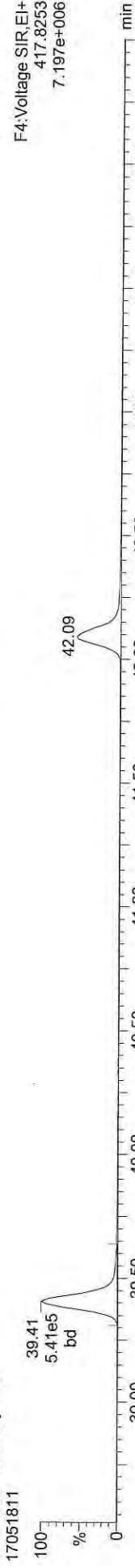
FUNCTION4 PFK



Quantify Sample Report MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\170518\HICV.qld
Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk

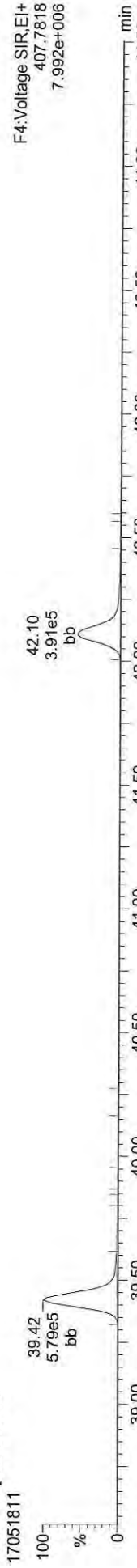
13C-1234678-HpCDF



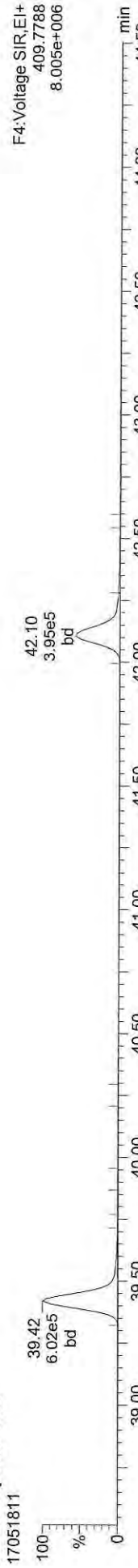
13C-1234678-HpCDF



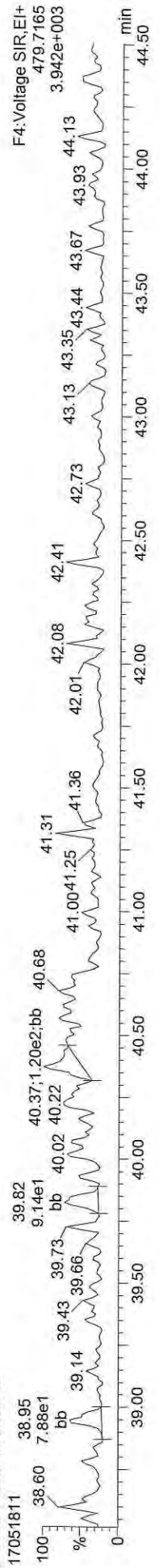
Total-heptafurans



Total-heptafurans



FUNCTION4 NCDPE

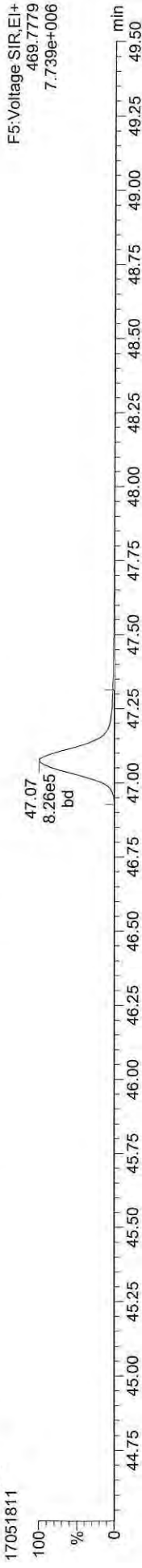


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

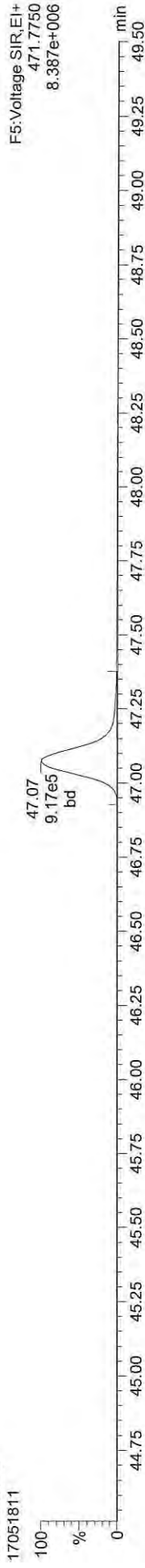
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Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk

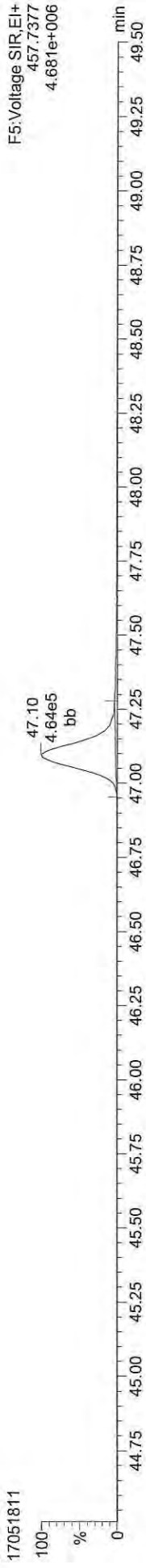
13C-OCDD



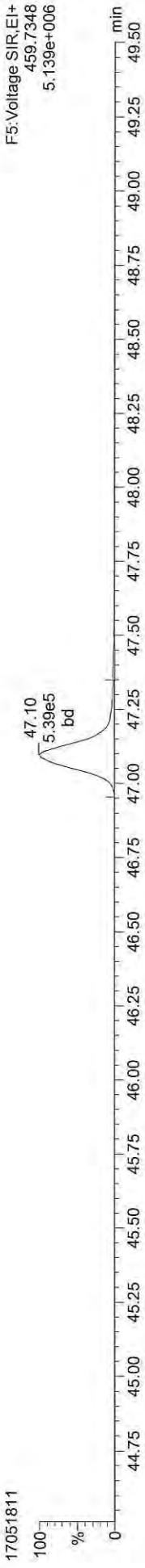
13C-OCDD



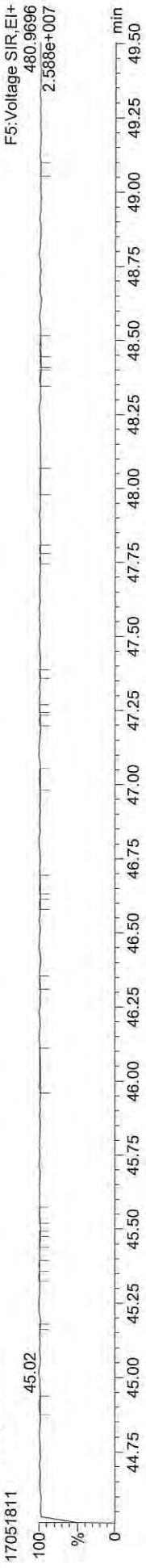
OCDD



OCDD



FUNCTION5 PFK



Quantify Sample Report MassLynx MassLynx V4.1 SCN909

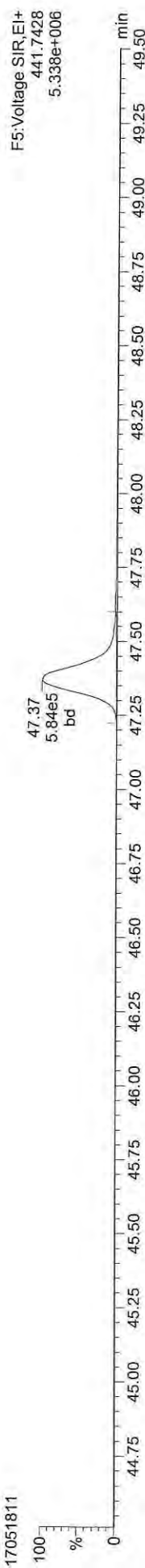
Dataset: C:\MassLynx\Diocin.pro\170518\HICV.qld
Last Altered: Friday, May 19, 2017 14:00:03 Pacific Daylight Time
Printed: Friday, May 19, 2017 14:00:53 Pacific Daylight Time

ID: ICV, Name: 17051811, Date: 19-May-2017, Time: 00:42:51, Conditions: AUTOSPEC01, User: pk

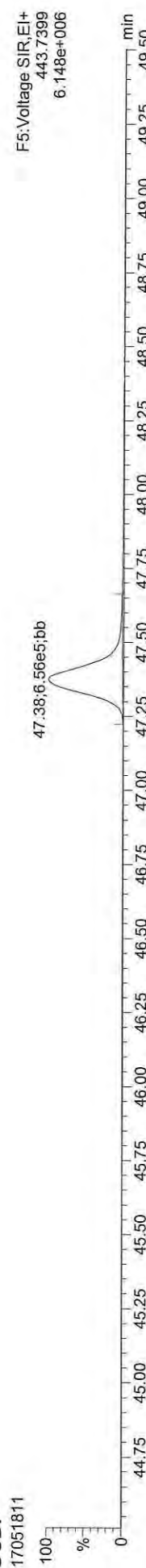
37CL-2378-TCDD



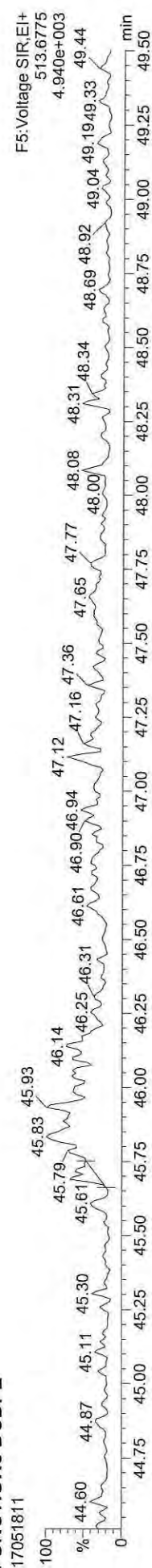
OCDF



OCDF



FUNCTION5 DCDPE





SECOND-SOURCE CALIBRATION VERIFICATION

EPA 1613B

Laboratory: Analytical Resources, Inc.

SDG: 17E0012

Client: Anchor QEA, LLC

Project: Port Gamble Shellfish Monitoring

Calibration: AE00055

Laboratory ID: SFE0273-SCV1

Sequence: SFE0273

Sequence Name: ICV

Standard ID: E000002

| ANALYTE | EXPECTED (ng/mL) | FOUND (ng/mL) | % DRIFT | QC LIMIT |
|---------------------------|---------------------|------------------|---------|----------|
| 2,3,7,8-TCDF | 10.000 | 10.8 | 8.0 | |
| 2,3,7,8-TCDD | 10.000 | 9.90 | -1.0 | |
| 1,2,3,7,8-PeCDF | 50.000 | 55.7 | 11.4 | |
| 2,3,4,7,8-PeCDF | 50.000 | 53.3 | 6.6 | |
| 1,2,3,7,8-PeCDD | 50.000 | 55.2 | 10.4 | |
| 1,2,3,4,7,8-HxCDF | 50.000 | 54.3 | 8.5 | |
| 1,2,3,6,7,8-HxCDF | 50.000 | 54.5 | 9.0 | |
| 2,3,4,6,7,8-HxCDF | 50.000 | 53.9 | 7.8 | |
| 1,2,3,7,8,9-HxCDF | 50.000 | 54.6 | 9.1 | |
| 1,2,3,4,7,8-HxCDD | 50.000 | 53.8 | 7.6 | |
| 1,2,3,6,7,8-HxCDD | 50.000 | 53.9 | 7.8 | |
| 1,2,3,7,8,9-HxCDD | 50.000 | 53.1 | 6.2 | |
| 1,2,3,4,6,7,8-HpCDF | 50.000 | 54.9 | 9.8 | |
| 1,2,3,4,7,8,9-HpCDF | 50.000 | 53.9 | 7.8 | |
| 1,2,3,4,6,7,8-HpCDD | 50.000 | 53.2 | 6.3 | |
| OCDF | 100.00 | 108 | 7.7 | |
| OCDD | 100.00 | 103 | 3.1 | |
| 13C12-2,3,7,8-TCDF | 100.00 | 99.9 | -0.1 | |
| 13C12-2,3,7,8-TCDD | 100.00 | 100 | 0.5 | |
| 13C12-1,2,3,7,8-PeCDF | 100.00 | 99.7 | -0.3 | |
| 13C12-2,3,4,7,8-PeCDF | 100.00 | 99.2 | -0.8 | |
| 13C12-1,2,3,7,8-PeCDD | 100.00 | 99.3 | -0.7 | |
| 13C12-1,2,3,4,7,8-HxCDF | 100.00 | 101 | 0.9 | |
| 13C12-1,2,3,6,7,8-HxCDF | 100.00 | 98.6 | -1.4 | |
| 13C12-2,3,4,6,7,8-HxCDF | 100.00 | 100 | 0.2 | |
| 13C12-1,2,3,7,8,9-HxCDF | 100.00 | 97.4 | -2.6 | |
| 13C12-1,2,3,4,7,8-HxCDD | 100.00 | 101 | 1.0 | |
| 13C12-1,2,3,6,7,8-HxCDD | 100.00 | 99.9 | -0.05 | |
| 13C12-1,2,3,4,6,7,8-HpCDF | 100.00 | 98.4 | -1.6 | |
| 13C12-1,2,3,4,7,8,9-HpCDF | 100.00 | 98.0 | -2.0 | |
| 13C12-1,2,3,4,6,7,8-HpCDD | 100.00 | 98.9 | -1.1 | |
| 13C12-OCDD | 200.00 | 191 | -4.5 | |
| 37C14-2,3,7,8-TCDD | 10.000 | 11.0 | 10.2 | |

* Indicates values outside of QC limits



SECOND-SOURCE CALIBRATION VERIFICATION

EPA 1613B

Laboratory: Analytical Resources, Inc.

SDG: 17E0012

Client: Anchor QEA, LLC

Project: Port Gamble Shellfish Monitoring

Calibration: AE00055

Laboratory ID: SFE0273-SCV1

Sequence: SFE0273

Standard ID: E000002

| ANALYTE | EXPECTED (ng/mL) | FOUND (ng/mL) | % DRIFT | QC LIMIT |
|---------------------------|---------------------|------------------|---------|----------|
| OCDF | 100.00 | 108 | 7.7 | |
| OCDD | 100.00 | 103 | 3.1 | |
| 13C12-2,3,7,8-TCDF | 100.00 | 99.9 | -0.1 | |
| 13C12-2,3,7,8-TCDD | 100.00 | 100 | 0.5 | |
| 13C12-1,2,3,7,8-PeCDF | 100.00 | 99.7 | -0.3 | |
| 13C12-2,3,4,7,8-PeCDF | 100.00 | 99.2 | -0.8 | |
| 13C12-1,2,3,7,8-PeCDD | 100.00 | 99.3 | -0.7 | |
| 13C12-1,2,3,4,7,8-HxCDF | 100.00 | 101 | 0.9 | |
| 13C12-1,2,3,6,7,8-HxCDF | 100.00 | 98.6 | -1.4 | |
| 13C12-2,3,4,6,7,8-HxCDF | 100.00 | 100 | 0.2 | |
| 13C12-1,2,3,7,8,9-HxCDF | 100.00 | 97.4 | -2.6 | |
| 13C12-1,2,3,4,7,8-HxCDD | 100.00 | 101 | 1.0 | |
| 13C12-1,2,3,6,7,8-HxCDD | 100.00 | 99.9 | -0.05 | |
| 13C12-1,2,3,4,6,7,8-HpCDF | 100.00 | 98.4 | -1.6 | |
| 13C12-1,2,3,4,7,8,9-HpCDF | 100.00 | 98.0 | -2.0 | |
| 13C12-1,2,3,4,6,7,8-HpCDD | 100.00 | 98.9 | -1.1 | |
| 13C12-OCDD | 200.00 | 191 | -4.5 | |
| 37C14-2,3,7,8-TCDD | 10.000 | 11.0 | 10.2 | |

* Values outside of QC limits



INITIAL CALIBRATION CHECK EPA 1613B

| | |
|---|--|
| Laboratory: <u>Analytical Resources, Inc.</u> | SDG: <u>17E0012</u> |
| Client: <u>Anchor QEA, LLC</u> | Project: <u>Port Gamble Shellfish Monitoring</u> |
| Instrument ID: <u>AUTOSPEC01</u> | Calibration: <u>AE00055</u> |
| Lab File ID: <u>17052202</u> | Calibration Date: <u>05/18/17 14:31</u> |
| Sequence: <u>SFE0219</u> | Injection Date: <u>05/22/17</u> |
| Lab Sample ID: <u>SFE0219-ICV1</u> | Injection Time: <u>10:12</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 | 9.69 | 1.0132980 | 0.9863336 | | -3.1 | 20 |
| 2,3,7,8-TCDD | A | 10.000 | 9.73 | 1.1755440 | 1.2104910 | | -2.7 | 20 |
| 1,2,3,7,8-PeCDF | A | 50.000 | 47.3 | 0.9765664 | 0.9245591 | | -5.3 | 20 |
| 2,3,4,7,8-PeCDF | A | 50.000 | 50.3 | 1.0192640 | 1.0251950 | | 0.6 | 20 |
| 1,2,3,7,8-PeCDD | A | 50.000 | 50.0 | 1.0582470 | 1.0576140 | | -0.06 | 20 |
| 1,2,3,4,7,8-HxCDF | A | 50.000 | 50.9 | 1.1500860 | 1.1716400 | | 1.9 | 20 |
| 1,2,3,6,7,8-HxCDF | A | 50.000 | 51.5 | 1.0997540 | 1.1327720 | | 3.0 | 20 |
| 2,3,4,6,7,8-HxCDF | A | 50.000 | 51.9 | 1.1878740 | 1.2320450 | | 3.7 | 20 |
| 1,2,3,7,8,9-HxCDF | A | 50.000 | 48.9 | 1.1160500 | 1.0904700 | | -2.3 | 20 |
| 1,2,3,4,7,8-HxCDD | A | 50.000 | 49.0 | 1.1192500 | 1.0970530 | | -2.0 | 20 |
| 1,2,3,6,7,8-HxCDD | A | 50.000 | 50.9 | 1.0402190 | 1.0584040 | | 1.7 | 20 |
| 1,2,3,7,8,9-HxCDD | A | 50.000 | 49.5 | 0.9806210 | 0.9704930 | | -1.0 | 20 |
| 1,2,3,4,6,7,8-HpCDF | A | 50.000 | 50.1 | 1.2380230 | 1.2397790 | | 0.1 | 20 |
| 1,2,3,4,7,8,9-HpCDF | A | 50.000 | 50.1 | 1.2573640 | 1.2588390 | | 0.1 | 20 |
| 1,2,3,4,6,7,8-HpCDD | A | 50.000 | 48.2 | 1.1319240 | 1.0920130 | | -3.5 | 20 |
| OCDF | A | 100.00 | 101 | 1.3207770 | 1.3371700 | | 1.2 | 20 |
| OCDD | A | 100.00 | 96.3 | 1.1168160 | 1.0755500 | | -3.7 | 20 |
| 13C12-2,3,7,8-TCDF | A | 100.00 | 100 | 1.6846640 | 1.6913674 | | 0.4 | 30 |
| 13C12-2,3,7,8-TCDD | A | 100.00 | 100 | 0.8727236 | 0.8751909 | | 0.3 | 30 |
| 13C12-1,2,3,7,8-PeCDF | A | 100.00 | 88.7 | 1.7056380 | 1.5130936 | | -11.3 | 30 |
| 13C12-2,3,4,7,8-PeCDF | A | 100.00 | 90.7 | 1.6318430 | 1.4799419 | | -9.3 | 30 |
| 13C12-1,2,3,7,8-PeCDD | A | 100.00 | 90.0 | 0.8600295 | 0.7743863 | | -10.0 | 30 |
| 13C12-1,2,3,4,7,8-HxCDF | A | 100.00 | 98.0 | 1.6821870 | 1.6484045 | | -2.0 | 30 |
| 13C12-1,2,3,6,7,8-HxCDF | A | 100.00 | 98.0 | 1.9454 | 1.9055916 | | -2.0 | 30 |
| 13C12-2,3,4,6,7,8-HxCDF | A | 100.00 | 96.5 | 1.5821140 | 1.5269285 | | -3.5 | 30 |
| 13C12-1,2,3,7,8,9-HxCDF | A | 100.00 | 97.9 | 1.2907090 | 1.2641091 | | -2.1 | 30 |
| 13C12-1,2,3,4,7,8-HxCDD | A | 100.00 | 100 | 1.1136440 | 1.1188290 | | 0.5 | 30 |
| 13C12-1,2,3,6,7,8-HxCDD | A | 100.00 | 101 | 1.2584900 | 1.2732322 | | 1.2 | 30 |
| 13C12-1,2,3,4,6,7,8-HpCDF | A | 100.00 | 98.4 | 1.4265280 | 1.4038891 | | -1.6 | 30 |
| 13C12-1,2,3,4,7,8,9-HpCDF | A | 100.00 | 99.1 | 0.9569095 | 0.9482929 | | -0.9 | 30 |
| 13C12-1,2,3,4,6,7,8-HpCDD | A | 100.00 | 102 | 0.9236238 | 0.9415227 | | 1.9 | 30 |

* Values outside of QC limits



INITIAL CALIBRATION CHECK
EPA 1613B

| | | | |
|----------------|-----------------------------------|-------------------|---|
| Laboratory: | <u>Analytical Resources, Inc.</u> | SDG: | <u>17E0012</u> |
| Client: | <u>Anchor QEA, LLC</u> | Project: | <u>Port Gamble Shellfish Monitoring</u> |
| Instrument ID: | <u>AUTOSPEC01</u> | Calibration: | <u>AE00055</u> |
| Lab File ID: | <u>17052202</u> | Calibration Date: | <u>05/18/17 14:31</u> |
| Sequence: | <u>SFE0219</u> | Injection Date: | <u>05/22/17</u> |
| Lab Sample ID: | <u>SFE0219-ICV1</u> | Injection Time: | <u>10:12</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 | 195 | 0.7383514 | 0.7185179 | | -2.7 | 30 |
| 37C14-2,3,7,8-TCDD | A | 10.000 | 10.0 | 1.0211920 | 1.0217673 | | 0.06 | |

* Values outside of QC limits

Quantify Sample Summary Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170522OP.qld

Last Altered: Monday, May 22, 2017 12:27:34 Pacific Daylight Time

Printed: Monday, May 22, 2017 12:28:09 Pacific Daylight Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170518.mdb 18 May 2017 15:01:42
 Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170518ICIH.cdb 19 May 2017 13:57:26

ID: CS3B1, Name: 17052202, Date: 22-May-2017, Time: 10:12:41, Conditions: AUTOSPEC01, User: PK

| Compound | RT | RRT | Ion1Area | Ion2Area | RRF | Ratio | Pred R | Noise 1 | Noise 2 | Height 1 | Height 2 | S/N 1 | SNFlag | EMPC | Int.1 | Int.2 | pg |
|-------------------|--------|-------|----------|----------|-------|-------|--------|---------|---------|----------|----------|--------|--------|------|-------|-------|---------|
| 2378-TCDF | 26.003 | 1.001 | 1.077e5 | 1.459e5 | 1.018 | 0.738 | 0.770 | 2030 | 2420 | 1.50e6 | 2.00e6 | 737.0 | YES | NO | bb | bd | 9.685 |
| 12378-PeCDF | 30.146 | 1.001 | 6.399e5 | 4.231e5 | 0.977 | 1.512 | 1.550 | 5016 | 4507 | 8.92e6 | 5.84e6 | 1777.5 | YES | NO | bd | bd | 47.337 |
| 23478-PeCDF | 31.483 | 1.000 | 6.968e5 | 4.561e5 | 1.019 | 1.528 | 1.550 | 5016 | 4507 | 1.03e7 | 6.76e6 | 2060.5 | YES | NO | bb | bb | 50.291 |
| 123478-HxCDF | 35.144 | 1.000 | 5.531e5 | 4.494e5 | 1.150 | 1.231 | 1.240 | 6074 | 4917 | 8.03e6 | 6.54e6 | 1321.4 | YES | NO | bd | bd | 50.937 |
| 234678-HxCDF | 36.240 | 1.001 | 5.352e5 | 4.413e5 | 1.188 | 1.213 | 1.240 | 6074 | 4917 | 7.40e6 | 6.21e6 | 1218.1 | YES | NO | bb | bd | 51.859 |
| 123678-HxCDF | 35.297 | 1.001 | 6.114e5 | 5.091e5 | 1.100 | 1.201 | 1.240 | 6074 | 4917 | 8.38e6 | 6.74e6 | 1379.3 | YES | NO | db | db | 51.501 |
| 123789-HxCDF | 37.380 | 1.000 | 3.946e5 | 3.209e5 | 1.116 | 1.230 | 1.240 | 6074 | 4917 | 5.30e6 | 4.37e6 | 873.2 | YES | NO | bb | bb | 48.854 |
| 1234678-HpCDF | 39.429 | 1.000 | 4.515e5 | 4.520e5 | 1.238 | 0.999 | 1.050 | 3531 | 3619 | 6.08e6 | 6.12e6 | 1721.4 | YES | NO | bd | bd | 50.071 |
| 1234789-HpCDF | 42.125 | 1.001 | 3.095e5 | 3.101e5 | 1.257 | 0.998 | 1.050 | 3531 | 3619 | 3.60e6 | 3.61e6 | 1020.7 | YES | NO | bd | bd | 50.059 |
| OCDF | 47.384 | 1.006 | 4.566e5 | 5.408e5 | 1.321 | 0.844 | 0.890 | 2467 | 2671 | 4.19e6 | 4.88e6 | 1699.4 | YES | NO | bd | bd | 101.241 |
| 2378-TCDD | 26.646 | 1.001 | 7.197e4 | 8.903e4 | 1.244 | 0.808 | 0.770 | 2310 | 1434 | 1.05e6 | 1.26e6 | 454.7 | YES | NO | bb | bd | 9.729 |
| 12378-PeCDD | 31.735 | 1.001 | 3.835e5 | 2.388e5 | 1.058 | 1.606 | 1.550 | 3342 | 2092 | 5.62e6 | 3.51e6 | 1680.6 | YES | NO | bb | bb | 49.970 |
| 123478-HxCDD | 36.371 | 1.000 | 3.569e5 | 2.802e5 | 1.119 | 1.273 | 1.240 | 3936 | 2011 | 5.19e6 | 4.16e6 | 1319.2 | YES | NO | bd | bd | 49.008 |
| 123678-HxCDD | 36.503 | 1.001 | 3.930e5 | 3.064e5 | 1.040 | 1.283 | 1.240 | 3936 | 2011 | 5.23e6 | 4.13e6 | 1328.1 | YES | NO | dd | db | 50.874 |
| 123789-HxCDD | 36.930 | 1.012 | 3.366e5 | 2.659e5 | 0.981 | 1.266 | 1.240 | 3936 | 2011 | 4.50e6 | 3.57e6 | 1143.6 | YES | NO | bb | bd | 49.484 |
| 1234678-HpCDD | 41.238 | 1.001 | 2.725e5 | 2.612e5 | 1.132 | 1.043 | 1.050 | 4079 | 3140 | 3.32e6 | 3.15e6 | 813.7 | YES | NO | bd | bd | 48.237 |
| OCDD | 47.106 | 1.000 | 3.767e5 | 4.256e5 | 1.117 | 0.885 | 0.890 | 2767 | 1551 | 3.60e6 | 4.04e6 | 1301.6 | YES | NO | bd | bd | 96.305 |
| 13C-2378-TCDF | 25.989 | 1.006 | 1.138e6 | 1.433e6 | 1.685 | 0.794 | 0.770 | 8692 | 4596 | 1.60e7 | 2.03e7 | 1836.6 | YES | NO | bb | bb | 100.398 |
| 13C-12378-PeCDF | 30.124 | 1.166 | 1.419e6 | 8.800e5 | 1.706 | 1.613 | 1.550 | 4314 | 3900 | 1.95e7 | 1.22e7 | 4516.7 | YES | NO | bd | bd | 88.711 |
| 13C-23478-PeCDF | 31.472 | 1.219 | 1.385e6 | 8.645e5 | 1.632 | 1.602 | 1.550 | 4314 | 3900 | 1.95e7 | 1.24e7 | 4508.8 | YES | NO | bb | bb | 90.691 |
| 13C-123478-HxCDF | 35.133 | 0.952 | 5.871e5 | 1.124e6 | 1.682 | 0.522 | 0.510 | 5521 | 4209 | 8.50e6 | 1.62e7 | 1539.3 | YES | NO | bd | bd | 97.992 |
| 13C-123678-HxCDF | 35.275 | 0.956 | 6.581e5 | 1.320e6 | 1.945 | 0.498 | 0.510 | 5521 | 4209 | 9.13e6 | 1.74e7 | 1653.3 | YES | NO | db | db | 97.954 |
| 13C-234678-HxCDF | 36.218 | 0.981 | 5.524e5 | 1.033e6 | 1.582 | 0.535 | 0.510 | 5521 | 4209 | 7.59e6 | 1.44e7 | 1374.7 | YES | NO | bb | bb | 96.512 |
| 13C-123789-HxCDF | 37.369 | 1.012 | 4.468e5 | 8.655e5 | 1.291 | 0.516 | 0.510 | 5521 | 4209 | 5.96e6 | 1.13e7 | 1079.1 | YES | NO | bb | bd | 97.939 |
| 13C-1234678-HpCDF | 39.418 | 1.068 | 4.467e5 | 1.011e6 | 1.427 | 0.442 | 0.440 | 3941 | 5005 | 6.20e6 | 1.40e7 | 1572.9 | YES | NO | bb | bb | 98.413 |
| 13C-1234789-HpCDF | 42.104 | 1.141 | 3.004e5 | 6.840e5 | 0.957 | 0.439 | 0.440 | 3941 | 5005 | 3.54e6 | 7.87e6 | 898.2 | YES | NO | bd | bd | 99.100 |
| 13C-1234-TCDD | 25.824 | 0.000 | 6.634e5 | 8.563e5 | 1.000 | 0.775 | 0.770 | 3009 | 1781 | 9.51e6 | 1.21e7 | 3159.9 | YES | NO | bb | bb | 100.000 |
| 13C-2378-TCDD | 26.631 | 1.031 | 5.772e5 | 7.528e5 | 0.873 | 0.767 | 0.770 | 3009 | 1781 | 7.93e6 | 1.03e7 | 2637.0 | YES | NO | bb | bb | 100.283 |
| 13C-12378-PeCDD | 31.713 | 1.228 | 7.270e5 | 4.498e5 | 0.860 | 1.616 | 1.550 | 2108 | 1364 | 1.03e7 | 6.45e6 | 4906.2 | YES | NO | bb | bb | 90.042 |
| 13C-123478-HxCDD | 36.360 | 0.985 | 6.548e5 | 5.067e5 | 1.114 | 1.292 | 1.240 | 2894 | 2976 | 9.48e6 | 7.35e6 | 3275.2 | YES | NO | bd | bd | 100.466 |
| 13C-123678-HxCDD | 36.481 | 0.988 | 7.409e5 | 5.809e5 | 1.258 | 1.276 | 1.240 | 2894 | 2976 | 9.92e6 | 7.87e6 | 3428.3 | YES | NO | db | db | 101.171 |
| 13C-1234678-HpCDD | 41.216 | 1.117 | 5.090e5 | 4.685e5 | 0.924 | 1.086 | 1.050 | 3282 | 2617 | 6.17e6 | 5.69e6 | 1879.9 | YES | NO | bd | bd | 101.938 |
| 13C-OCDD | 47.088 | 1.276 | 7.078e5 | 7.840e5 | 0.738 | 0.903 | 0.890 | 2304 | 3280 | 6.56e6 | 7.14e6 | 2846.0 | YES | NO | bd | bd | 194.628 |

Quantify Sample Summary Report MassLynx MassLynx V4.1 SCN909

Dataset: C:\MassLynx\Dioxin.pro\170522OP.qld

Last Altered: Monday, May 22, 2017 12:27:34 Pacific Daylight Time

Printed: Monday, May 22, 2017 12:28:09 Pacific Daylight Time

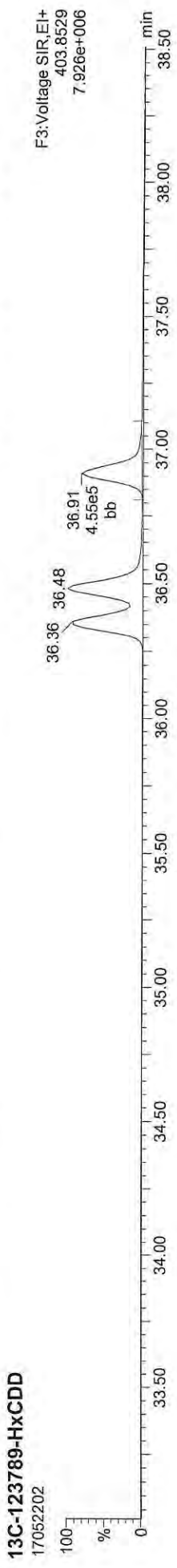
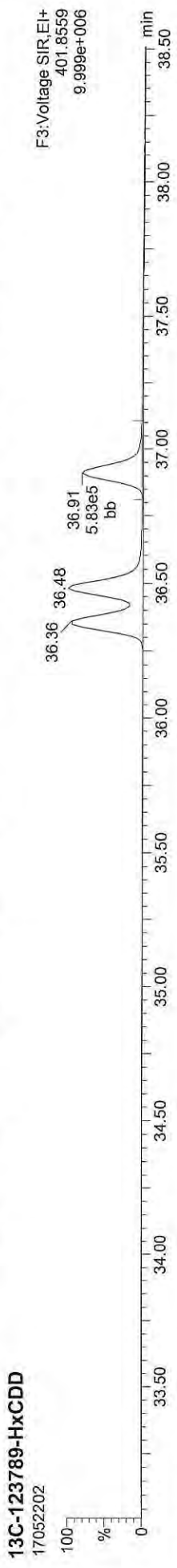
ID: CS3B1, Name: 17052202, Date: 22-May-2017, Time: 10:12:41, Conditions: AUTOSPEC01, User: PK

| Compound | RT | RRT | Ion1Area | Ion2Area | RRF | Ratio | Pred R | Noise 1 | Noise 2 | Height 1 | Height 2 | S/N 1 | SNFlag | EMPC | Int.1 | Int.2 | pg |
|---------------------|--------|-------|----------|----------|-------|-------|--------|---------|---------|----------|----------|--------|--------|------|-------|-------|----------|
| 13C-123789-HxCDD | 36.908 | 0.000 | 5.834e5 | 4.548e5 | 1.000 | 1.283 | 1.240 | 2894 | 2976 | 8.06e6 | 6.36e6 | 2785.6 | YES | NO | bb | bb | 100.000 |
| Total-tetrafurans | | | 3.573e5 | | 1.018 | | | 2030 | | 5.06e6 | | | | | | | 32.365 |
| Total-penta1 | | | 7.818e5 | | | | | 1258 | | 1.13e7 | | | | | | | 61.657 |
| Total-pentafurans | | | 2.064e6 | | 0.998 | | | 5016 | | 2.92e7 | | | | | | | 150.356 |
| Total-hexafurans | | | 2.714e6 | | 1.138 | | | 6074 | | 3.79e7 | | | | | | | 262.911 |
| Total-heptafurans | | | 7.655e5 | | 1.248 | | | 3531 | | 9.75e6 | | | | | | | 100.573 |
| Total-Furans | | | 7.140e6 | | 1.138 | | | 2030 | | 9.73e7 | | | | | | | 709.104 |
| Total-tetra-dioxins | | | 3.892e5 | | 1.244 | | | 2310 | | 5.10e6 | | | | | | | 52.888 |
| Total-pentadioxins | | | 1.569e6 | | 1.058 | | | 3342 | | 1.88e7 | | | | | | | 203.700 |
| Total-hexadioxins | | | 1.515e6 | | 1.047 | | | 3936 | | 2.11e7 | | | | | | | 208.368 |
| Total-heptadioxins | | | 5.902e5 | | 1.132 | | | 4079 | | 7.56e6 | | | | | | | 104.820 |
| Total-Dioxins | | | 4.440e6 | | 1.099 | | | 2310 | | 5.62e7 | | | | | | | 666.098 |
| Total-TEQ | | | 1.158e7 | | | | | 2310 | | 1.53e8 | | | | | | | 1375.202 |
| 37CL-2378-TCDD | 26.646 | 1.032 | 1.553e5 | | 1.021 | | | 2213 | | 2.21e6 | | 997.5 | YES | | bb | bb | 10.006 |
| FUNCTION1 PFK | | | 5.395e6 | | | | | 1144382 | | 6.79e7 | | | | | | | |
| FUNCTION2 PFK | | | 1.838e5 | | | | | 187152 | | 6.25e6 | | | | | | | 0.000 |
| FUNCTION3 PFK | | | 2.344e6 | | | | | 1145213 | | 5.48e7 | | | | | | | 0.000 |
| FUNCTION4 PFK | | | 6.771e5 | | | | | 663470 | | 2.03e7 | | | | | | | |
| FUNCTION5 PFK | | | 1.042e6 | | | | | 407361 | | 3.01e7 | | | | | | | |
| FUNCTION1 HXCDPE | | | 3.807e2 | | | | | 957 | | 5.85e3 | | | | | | | 0.000 |
| FUNCTION1 HPCDPE | | | 3.254e2 | | | | | 1050 | | 6.13e3 | | | | | | | 0.000 |
| FUNCTION2 HPCDPE | | | 3.224e2 | | | | | 817 | | 6.27e3 | | | | | | | 0.000 |
| FUNCTION3 OCDPE | | | 0.000e0 | | | | | 836 | | 0.00e0 | | | | | | | |
| FUNCTION4 NCDPE | | | 7.372e2 | | | | | 1084 | | 1.23e4 | | | | | | | 0.000 |
| FUNCTION5 DCDPE | | | 0.000e0 | | | | | 1002 | | 0.00e0 | | | | | | | |

Quantify Sample Report
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\1705220P.qld
Last Altered: Monday, May 22, 2017 12:27:34 Pacific Daylight Time
Printed: Monday, May 22, 2017 12:28:09 Pacific Daylight Time

Method: C:\MassLynx\Dioxin.pro\MethDB\Dioxin170518.mdb 18 May 2017 15:01:42
Calibration: C:\MassLynx\Dioxin.pro\CurveDB\170518CIH.cdb 19 May 2017 13:57:26

ID: CS3B1, Name: 17052202, Date: 22-May-2017, Time: 10:12:41, Conditions: AUTOSPEC01, User: PK



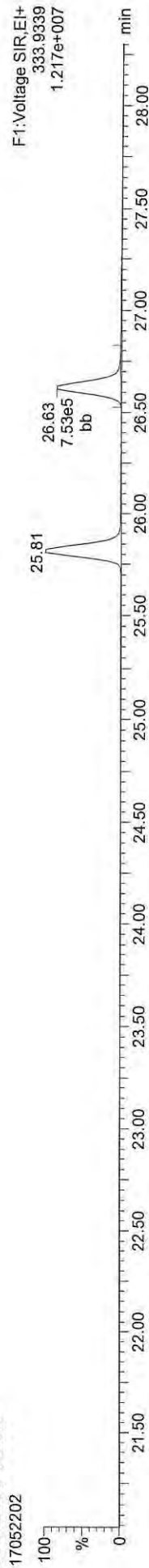
Quantify Sample Report
MassLynx MassLynx V4.1 SCN909
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ID: CS3B1, Name: 17052202, Date: 22-May-2017, Time: 10:12:41, Conditions: AUTOSPEC01, User: PK

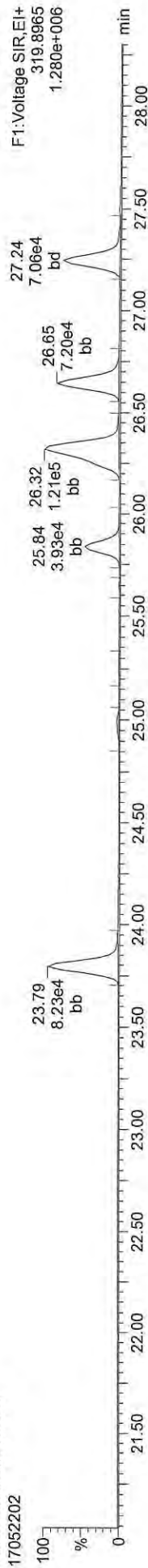
13C-2378-TCDD



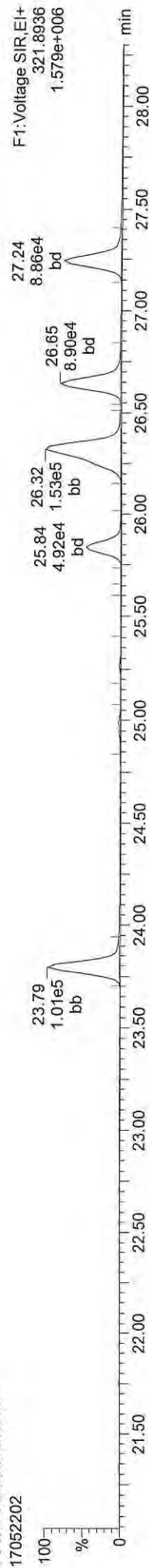
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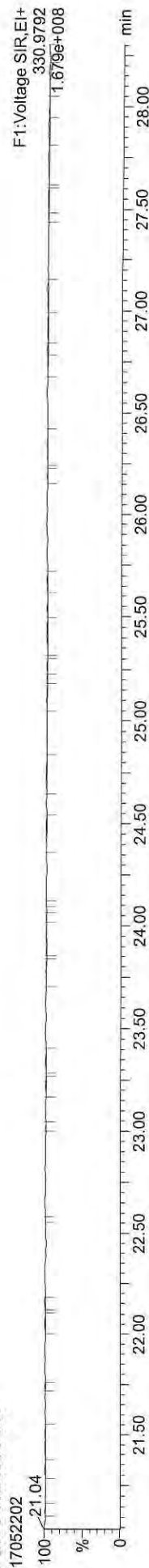
Total-tetradiioxins



Total-tetradiioxins



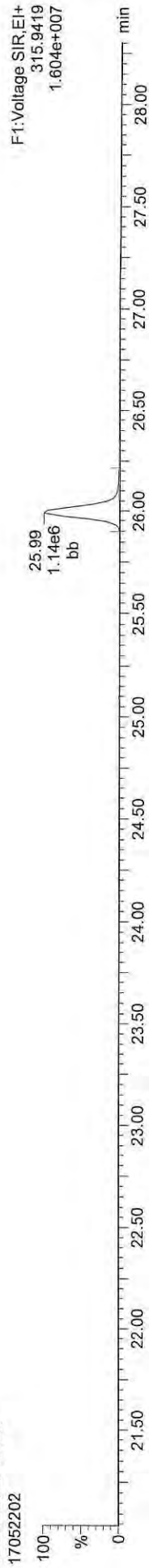
FUNCTION1 PFK



Quantify Sample Report
MassLynx MassLynx V4.1 SCN909
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Last Altered: Monday, May 22, 2017 12:27:34 Pacific Daylight Time
Printed: Monday, May 22, 2017 12:28:09 Pacific Daylight Time

ID: CS3B1, Name: 17052202, Date: 22-May-2017, Time: 10:12:41, Conditions: AUTOSPEC01, User: PK

13C-2378-TCDF



13C-2378-TCDF



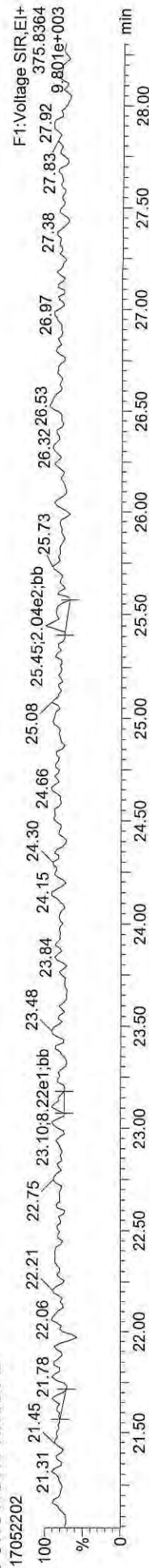
Total-tetrafurans



Total-tetrafurans



FUNCTION1 HXCDPE

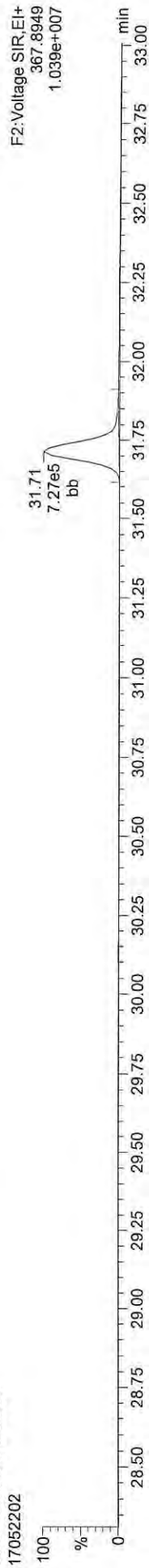


Quantify Sample Report

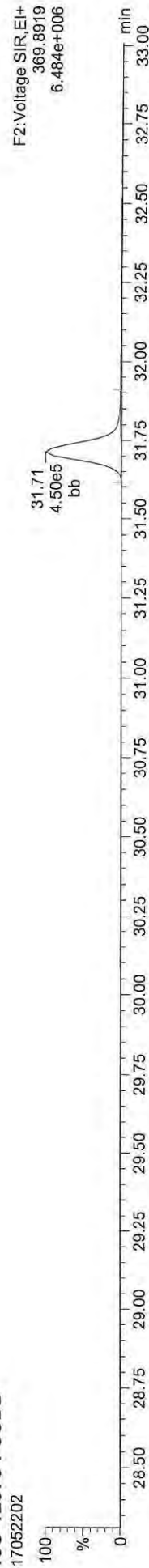
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ID: CS3B1, Name: 17052202, Date: 22-May-2017, Time: 10:12:41, Conditions: AUTOSPEC01, User: PK

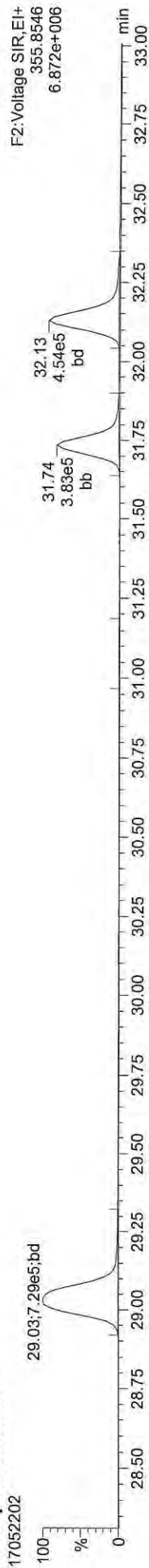
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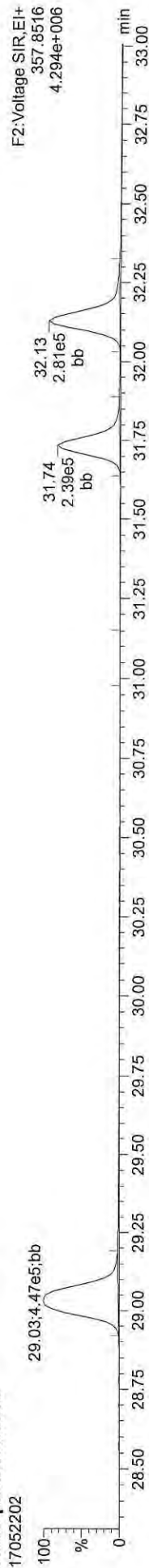
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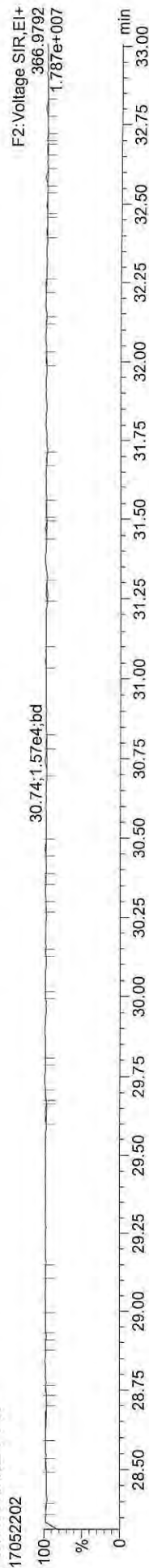
Total-pentadioxins



Total-pentadioxins



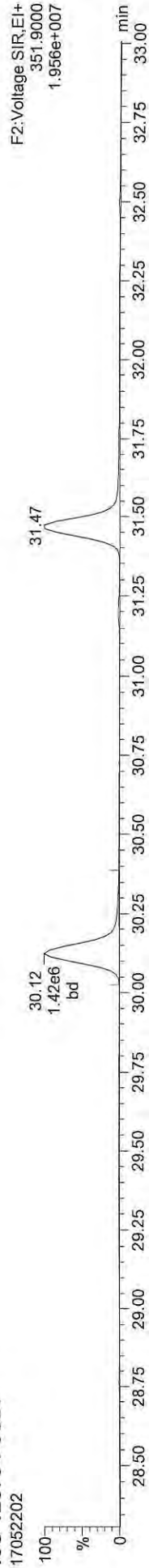
FUNCTION2 PFK



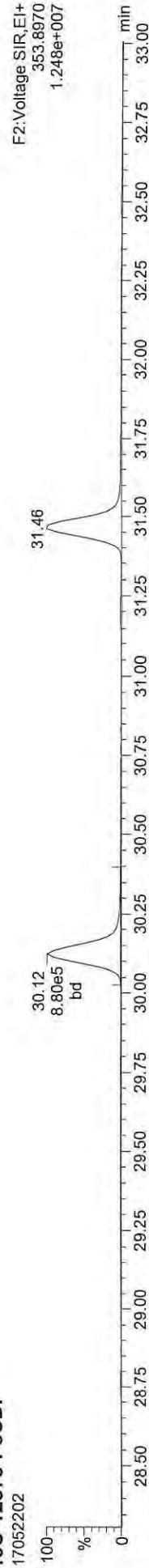
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 Dataset: C:\MassLynx\Dioxin.pro\170522OP.qld
 Last Altered: Monday, May 22, 2017 12:27:34 Pacific Daylight Time
 Printed: Monday, May 22, 2017 12:28:09 Pacific Daylight Time

ID: CS3B1, Name: 17052202, Date: 22-May-2017, Time: 10:12:41, Conditions: AUTOSPEC01, User: PK

13C-12378-PeCDF



13C-12378-PeCDF



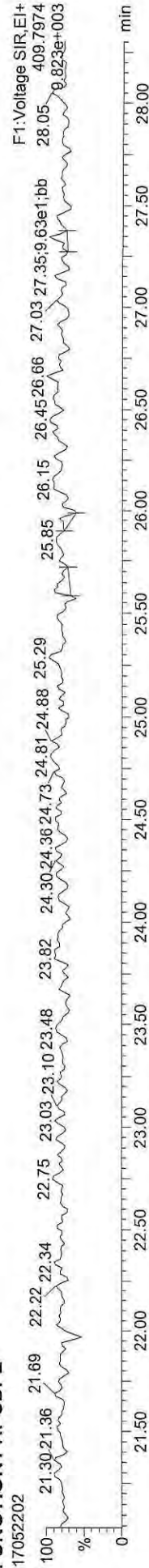
Total-penta1



Total-penta1



FUNCTION1 HPCDPE



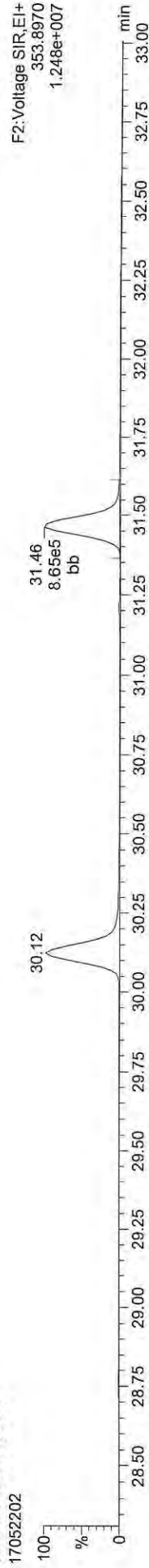
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ID: CS3B1, Name: 17052202, Date: 22-May-2017, Time: 10:12:41, Conditions: AUTOSPEC01, User: PK

13C-23478-PeCDF



13C-23478-PeCDF



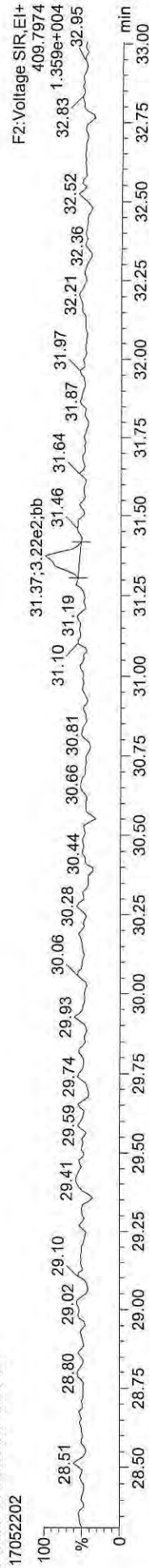
Total-pentafurans



Total-pentafurans



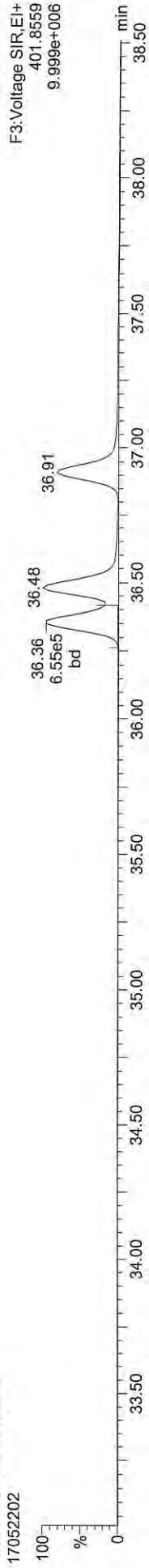
FUNCTION2 HPCDPE



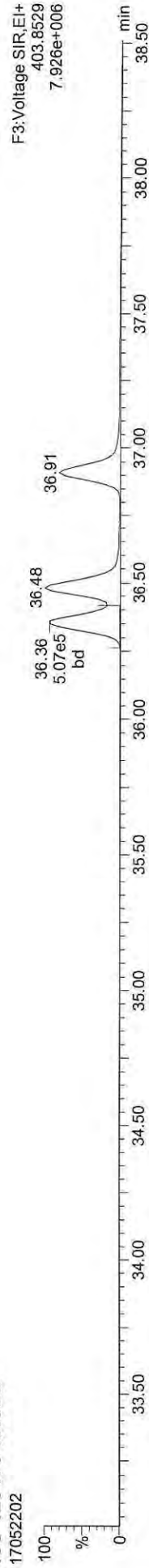
Quantify Sample Report **MassLynx MassLynx V4.1 SCN909**
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 Last Altered: Monday, May 22, 2017 12:27:34 Pacific Daylight Time
 Printed: Monday, May 22, 2017 12:28:09 Pacific Daylight Time

ID: CS3B1, Name: 17052202, Date: 22-May-2017, Time: 10:12:41, Conditions: AUTOSPEC01, User: PK

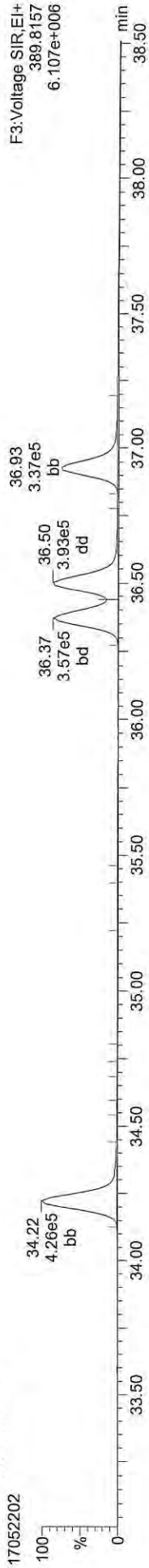
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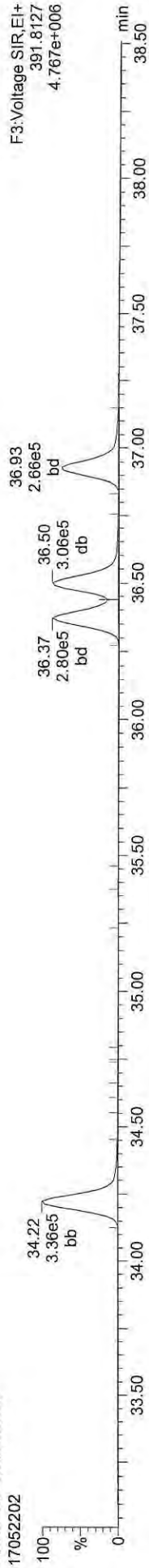
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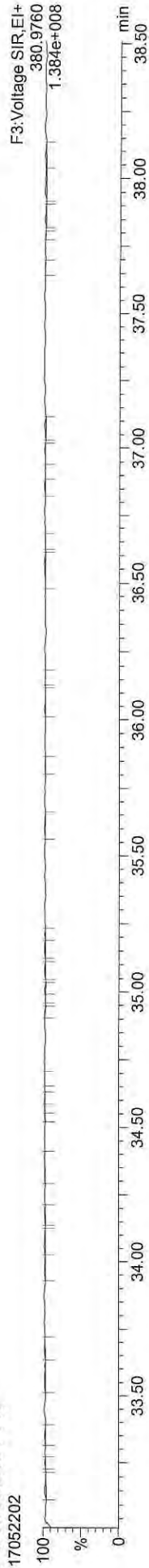
Total-hexadioxins



Total-hexadioxins



FUNCTION3 PFK

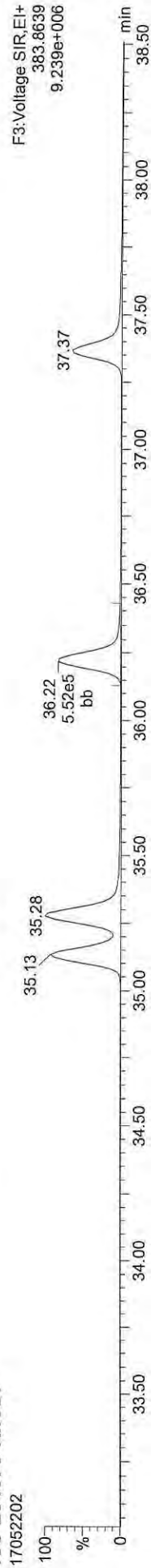


Quantify Sample Report MassLynx MassLynx V4.1 SCN909

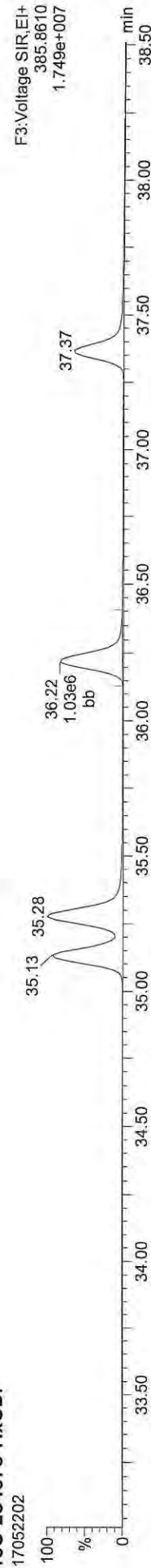
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Last Altered: Monday, May 22, 2017 12:27:34 Pacific Daylight Time
Printed: Monday, May 22, 2017 12:28:09 Pacific Daylight Time

ID: CS3B1, Name: 17052202, Date: 22-May-2017, Time: 10:12:41, Conditions: AUTOSPEC01, User: PK

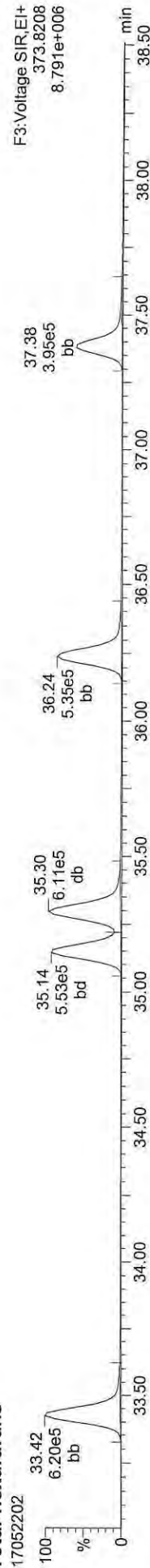
13C-234678-HxCDF



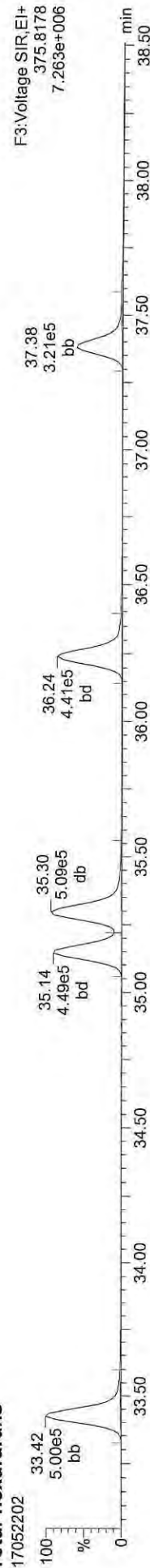
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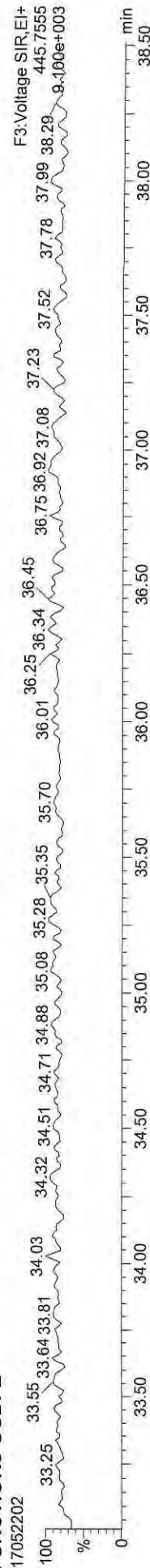
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Total-hexafurans



FUNCTION3 OCDPE

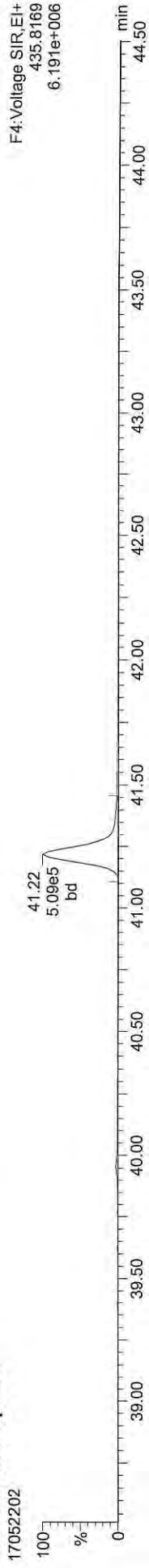


Quantify Sample Report
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Printed: Monday, May 22, 2017 12:28:09 Pacific Daylight Time

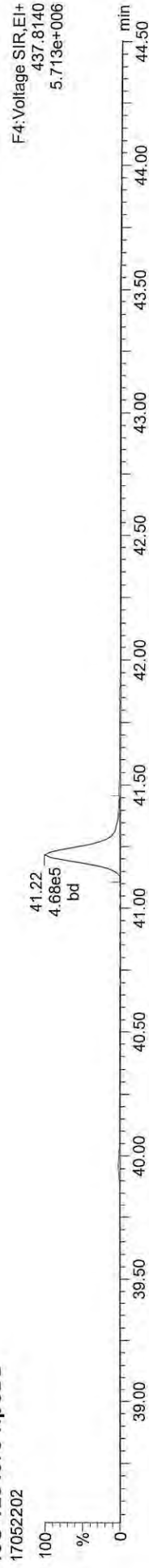
MassLynx MassLynx V4.1 SCN909

ID: CS3B1, Name: 17052202, Date: 22-May-2017, Time: 10:12:41, Conditions: AUTOSPEC01, User: PK

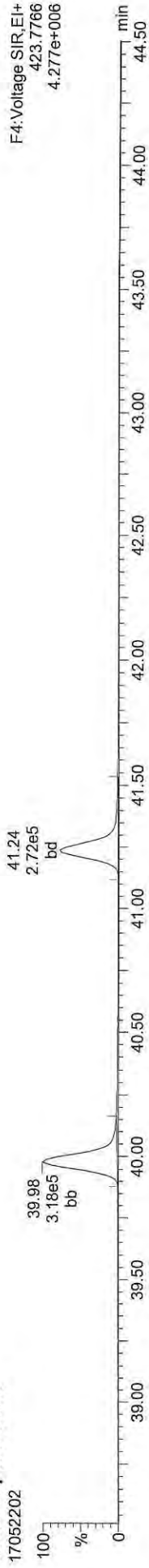
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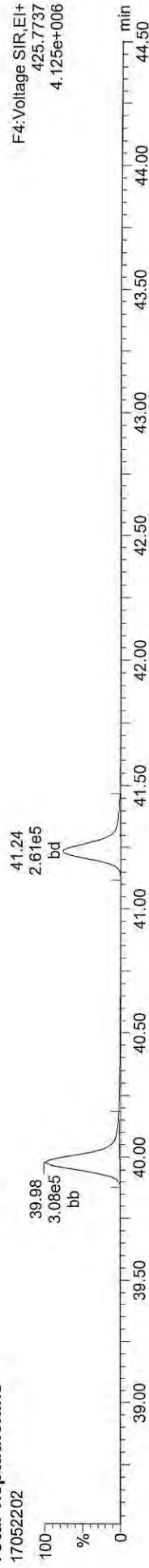
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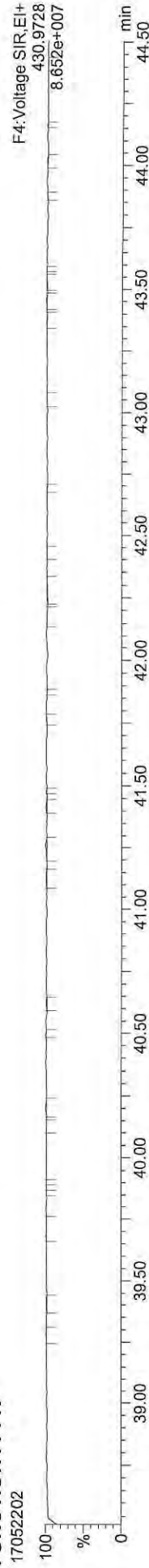
Total-heptadioxins



Total-heptadioxins



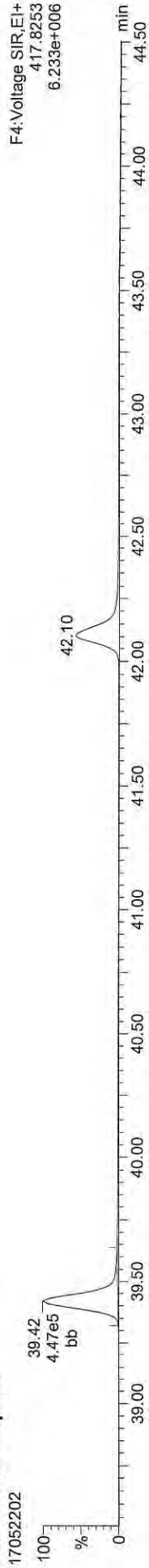
FUNCTION4 PFK



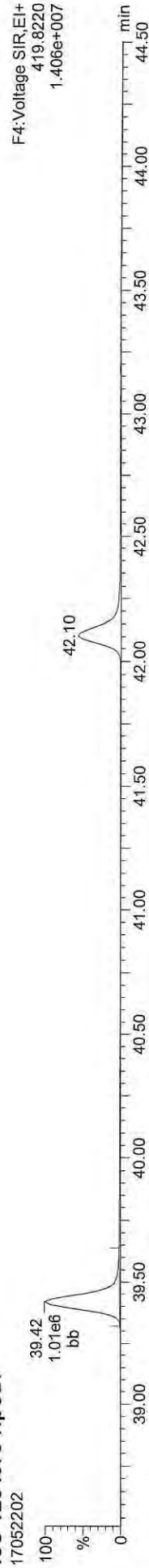
Quantify Sample Report
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\1705220P.qld
Last Altered: Monday, May 22, 2017 12:27:34 Pacific Daylight Time
Printed: Monday, May 22, 2017 12:28:09 Pacific Daylight Time

ID: CS3B1, Name: 17052202, Date: 22-May-2017, Time: 10:12:41, Conditions: AUTOSPEC01, User: PK

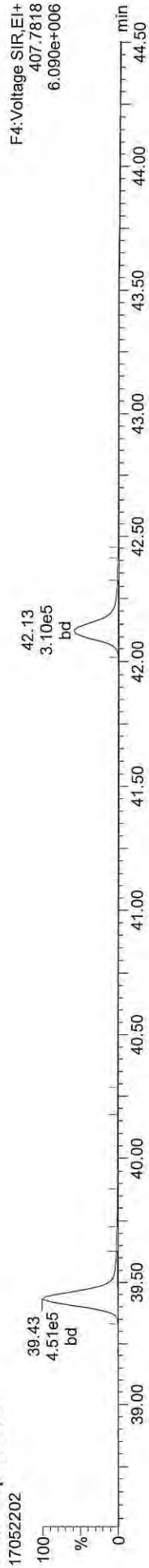
13C-1234678-HpCDF



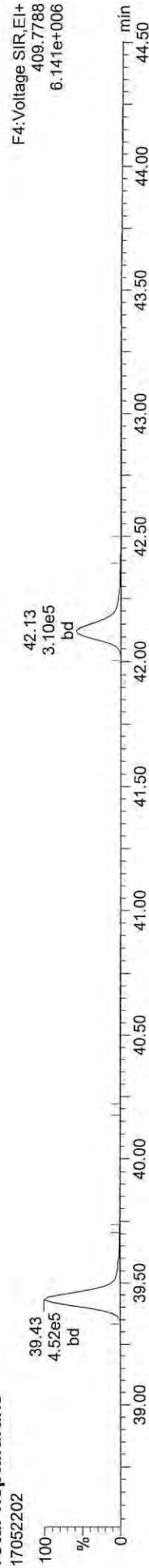
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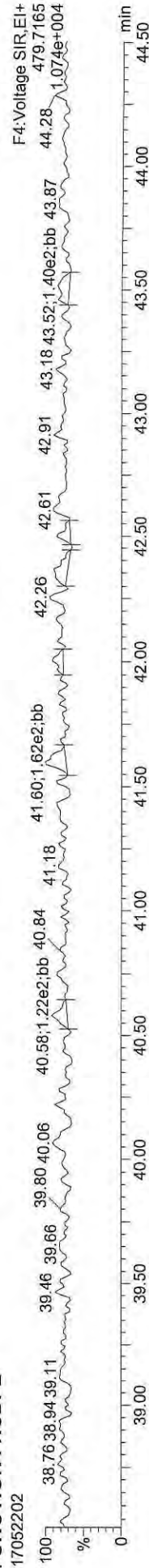
Total-heptafturans



Total-heptafturans



FUNCTION4 NCDPE

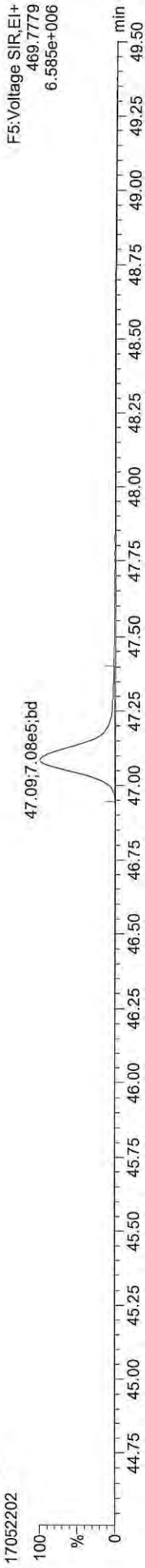


Quantify Sample Report **MassLynx MassLynx V4.1 SCN909**
Dataset: C:\MassLynx\Dioxin.pro\170522OP.qld
Last Altered: Monday, May 22, 2017 12:27:34 Pacific Daylight Time
Printed: Monday, May 22, 2017 12:28:09 Pacific Daylight Time

ID: CS3B1, Name: 17052202, Date: 22-May-2017, Time: 10:12:41, Conditions: AUTOSPEC01, User: PK

13C-OCDD

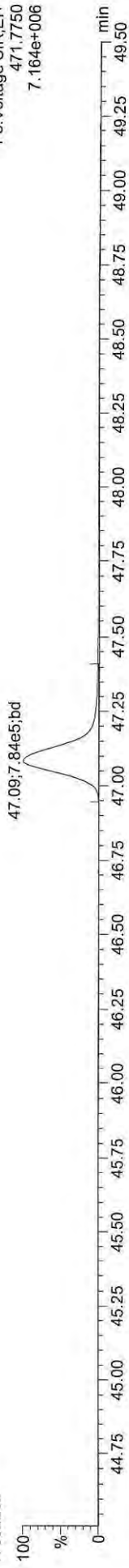
17052202



F5:Voltage SIR,EI+
469.7779
6.585e+006

13C-OCDD

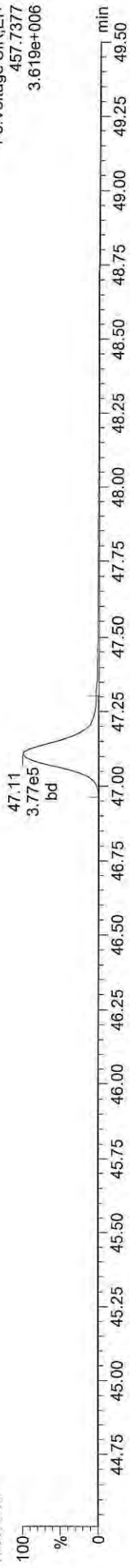
17052202



F5:Voltage SIR,EI+
471.7750
7.164e+006

OCDD

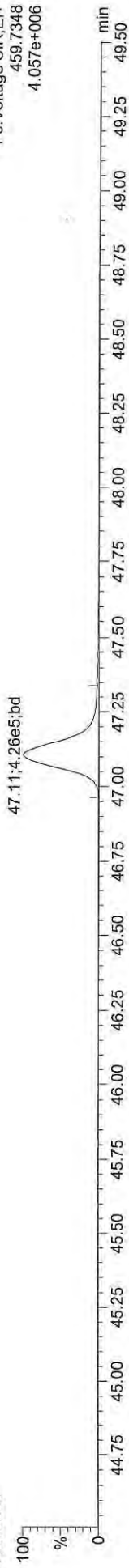
17052202



F5:Voltage SIR,EI+
457.7377
3.619e+006

OCDD

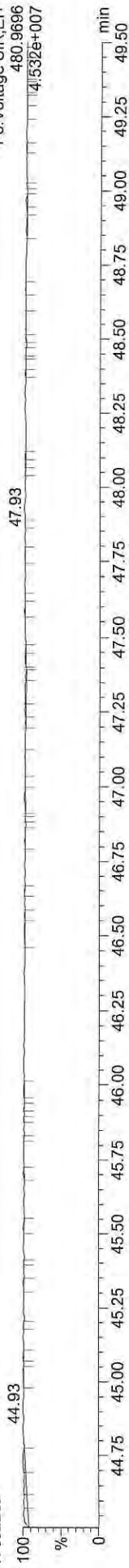
17052202



F5:Voltage SIR,EI+
459.7348
4.057e+006

FUNCTION5 PFK

17052202



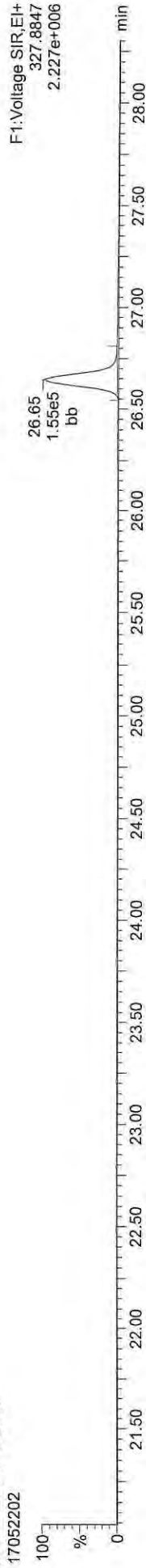
F5:Voltage SIR,EI+
480.9696
4.532e+007

Quantify Sample Report
MassLynx MassLynx V4.1 SCN909
Dataset: C:\MassLynx\Dioxin.pro\1705220P.qld
Last Altered: Monday, May 22, 2017 12:27:34 Pacific Daylight Time
Printed: Monday, May 22, 2017 12:28:09 Pacific Daylight Time

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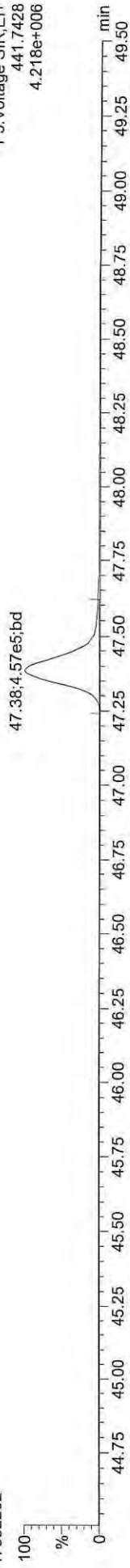
37CL-2378-TCDD

17052202



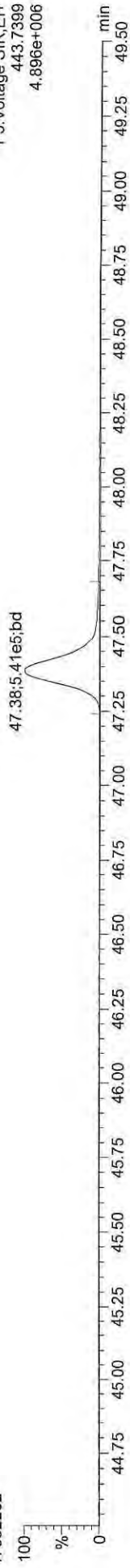
OCDF

17052202



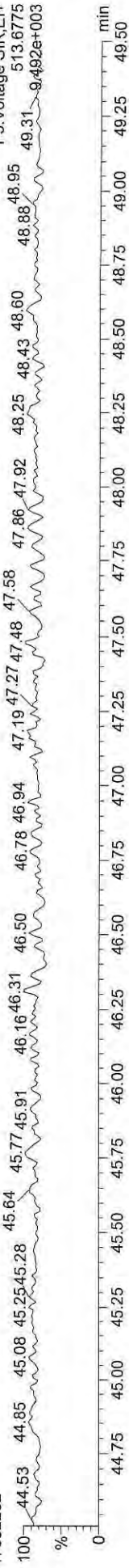
OCDF

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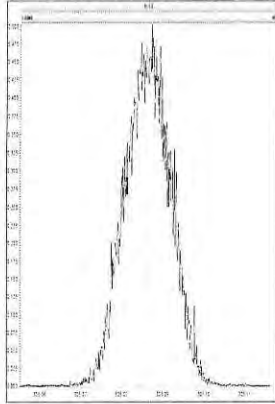


FUNCTION5 DCDPE

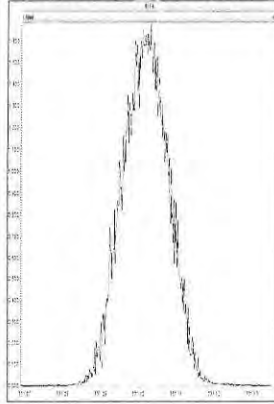
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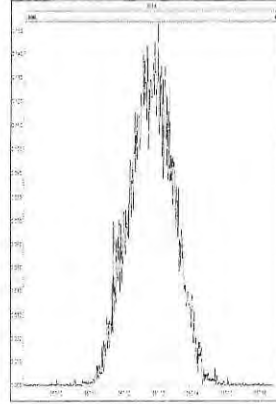
M 304.9824 R 12165



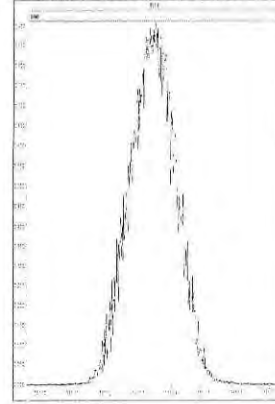
M 330.9792 R 12565



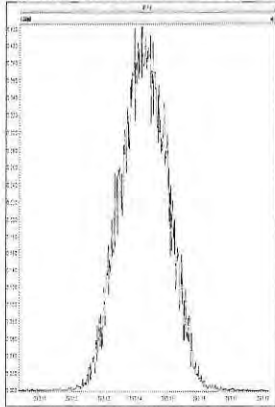
M 366.9792 R 13368



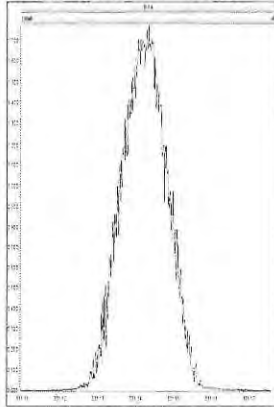
M 380.9760 R 12081



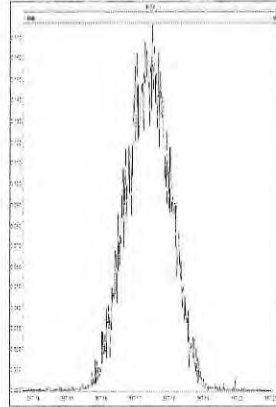
M 392.9760 R 11876



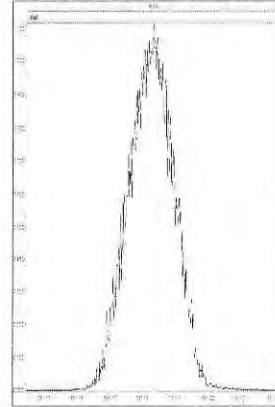
M 330.9792 R 12886



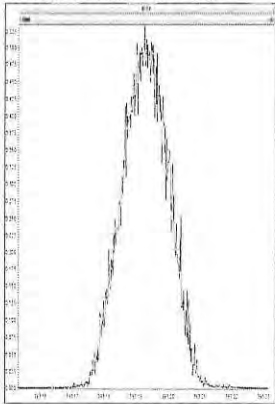
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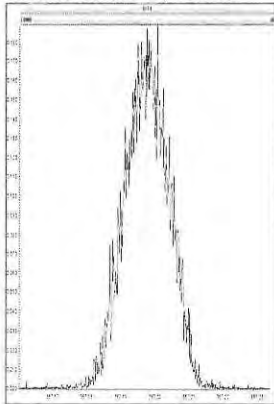
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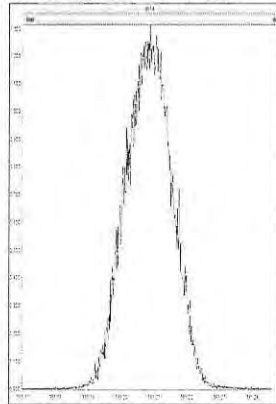
M 392.9760 R 12692



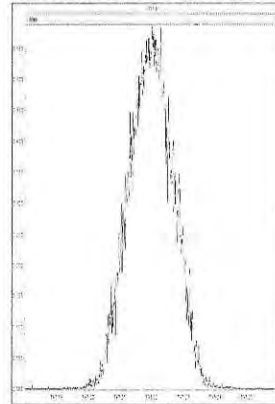
M 366.9792 R 13340



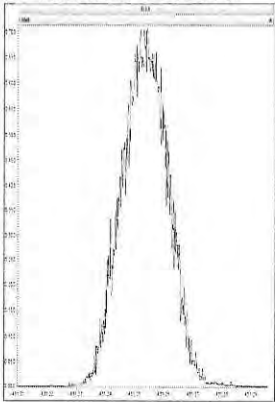
M 380.9760 R 12598



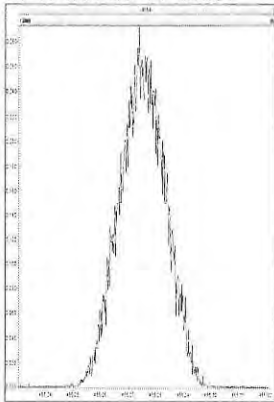
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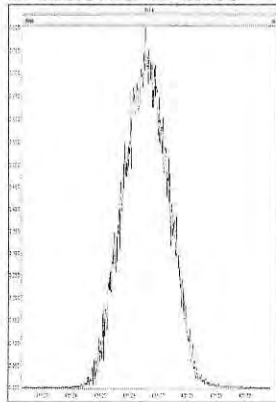
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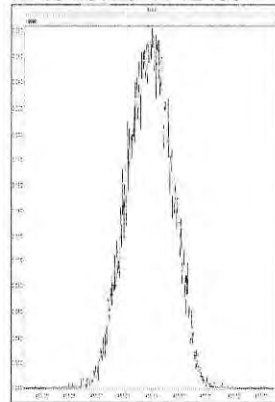
M 454.9728 R 12407



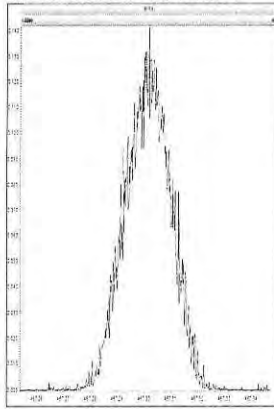
M 430.9728 R 12755



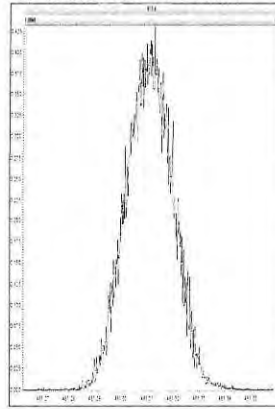
M 454.9728 R 12499



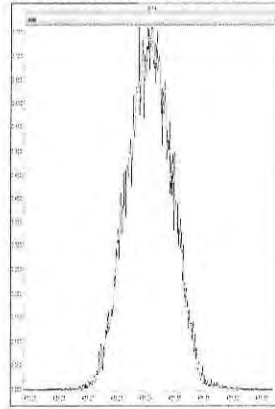
M 466.9728 R 12574



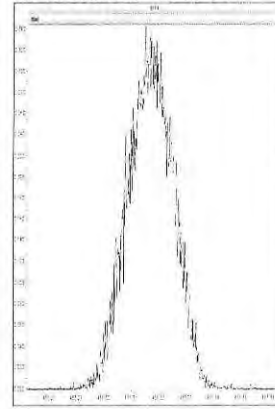
M 480.9696 R 11961



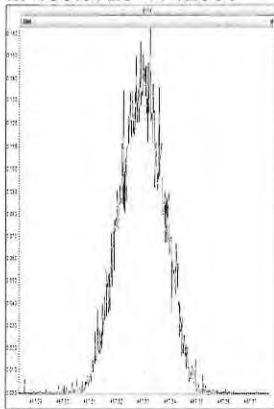
M 430.9728 R 12859



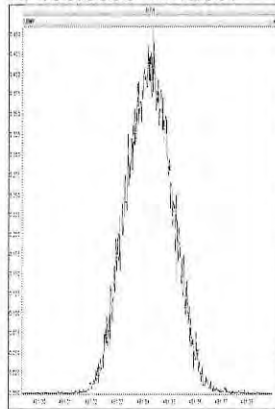
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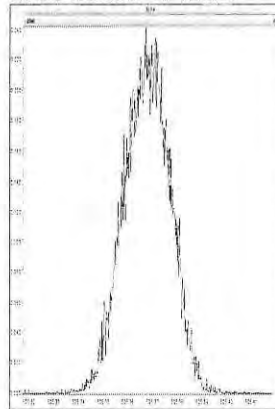
M 466.9728 R 12886



M 480.9696 R 12507

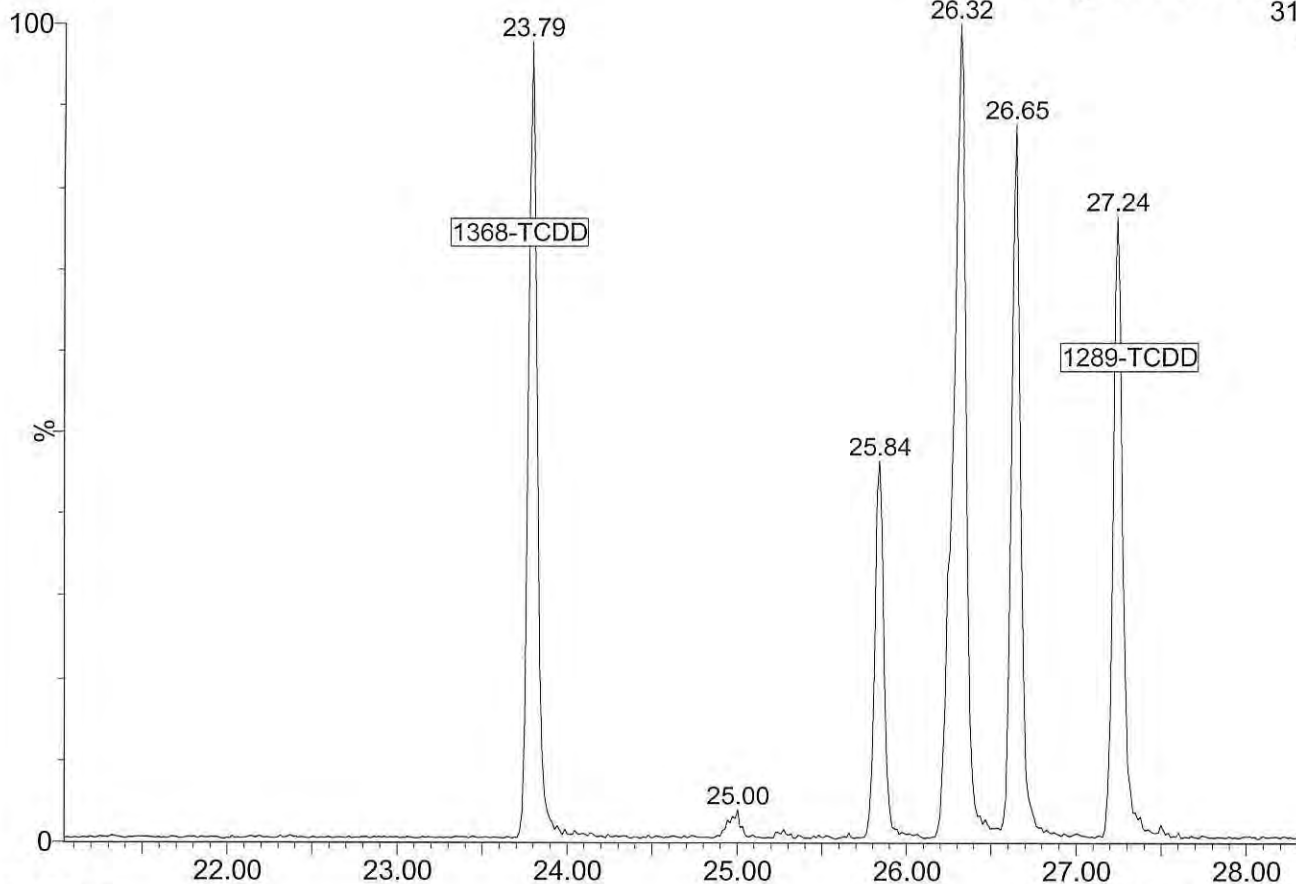


M 504.9696 R 12627



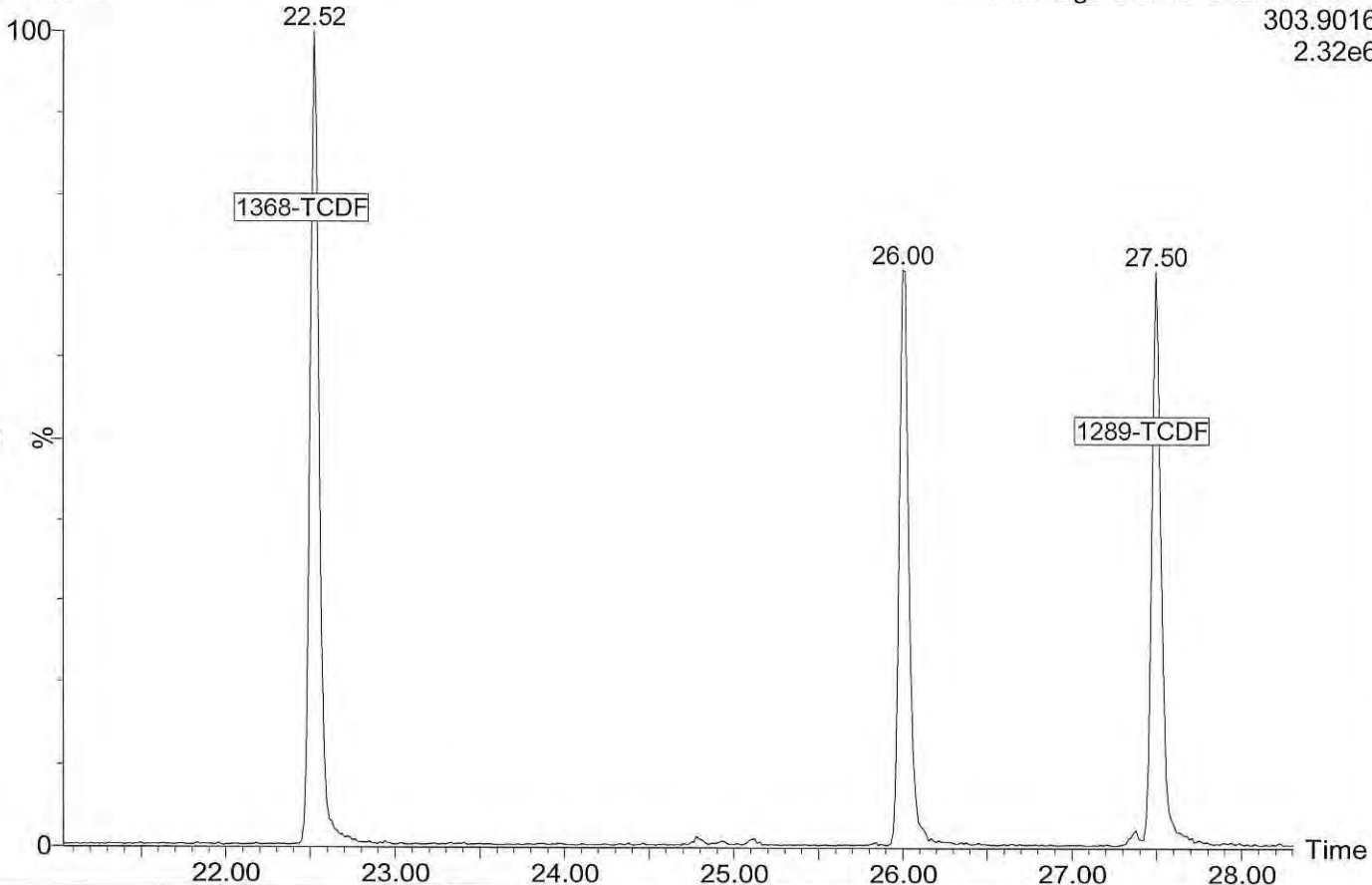
17052202

1: Voltage SIR 15 Channels EI+
319.8965
1.37e6



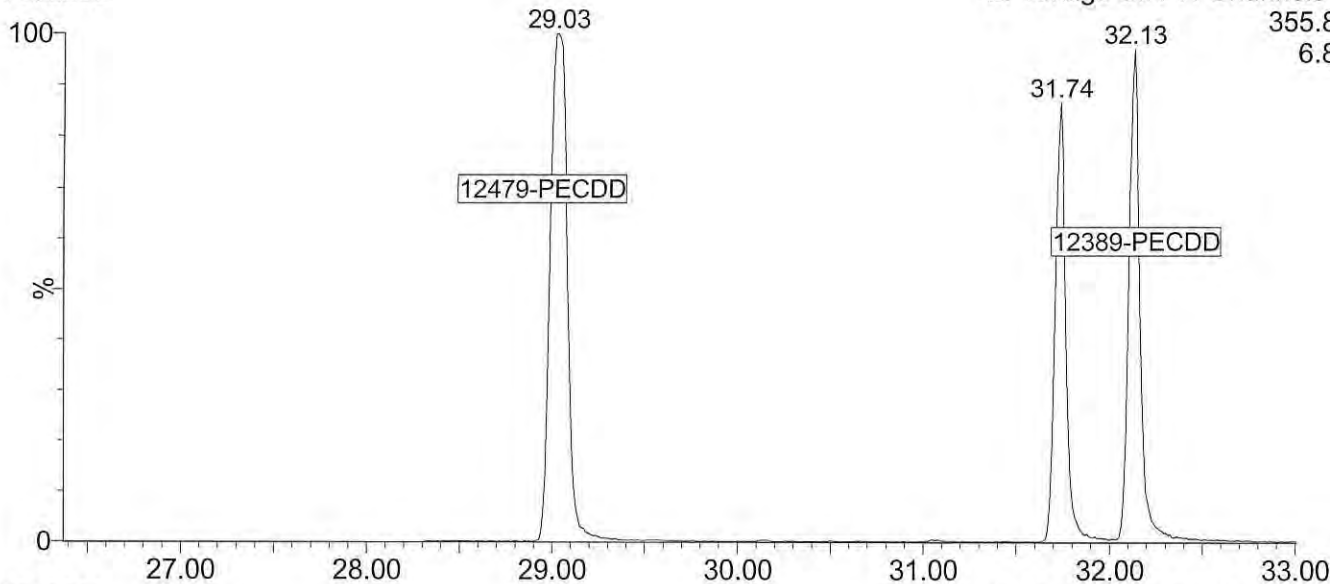
17052202

1: Voltage SIR 15 Channels EI+
303.9016
2.32e6



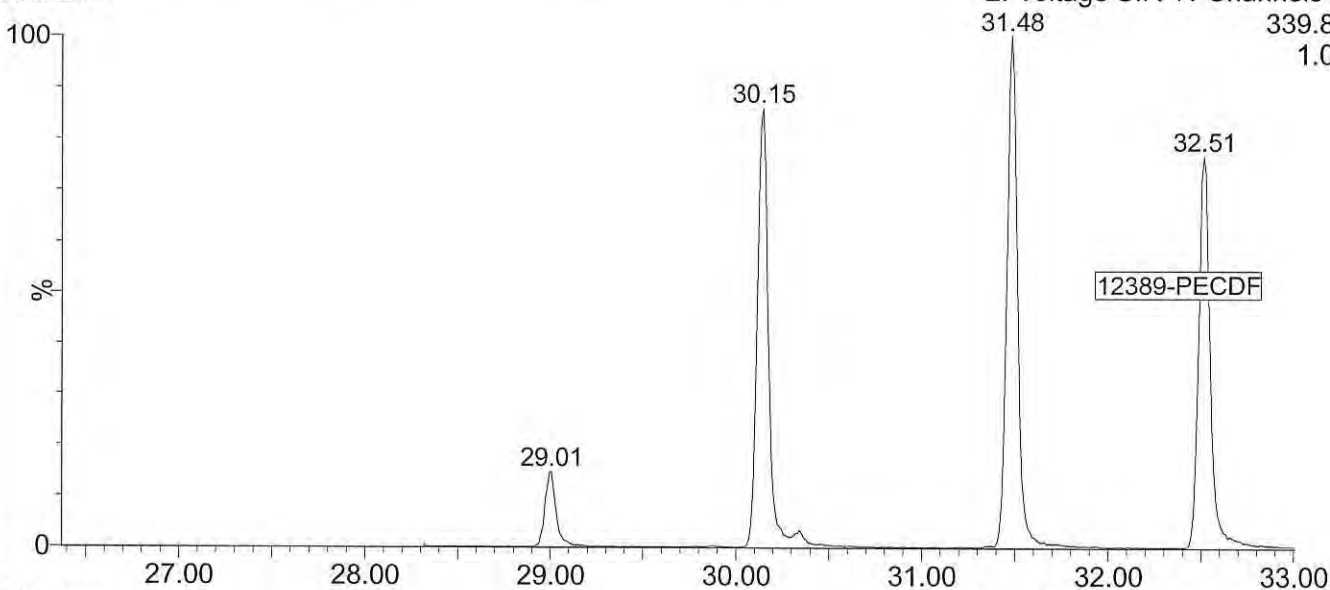
17052202

2: Voltage SIR 11 Channels EI+
355.8546
6.89e6



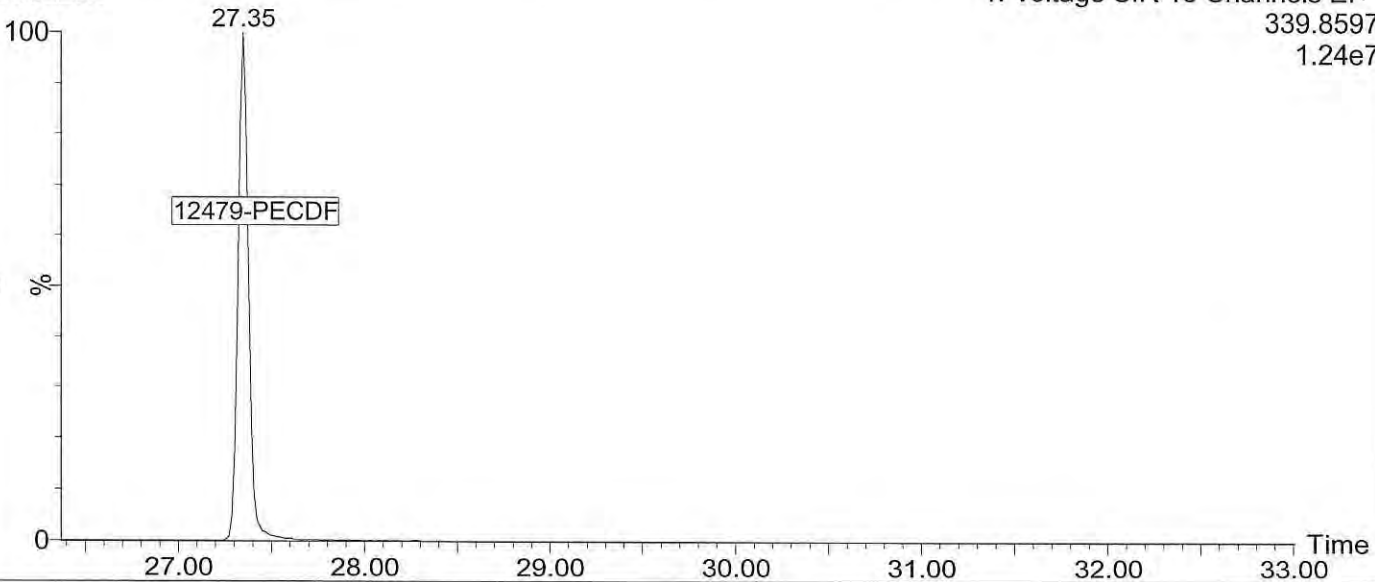
17052202

2: Voltage SIR 11 Channels EI+
339.8597
1.09e7



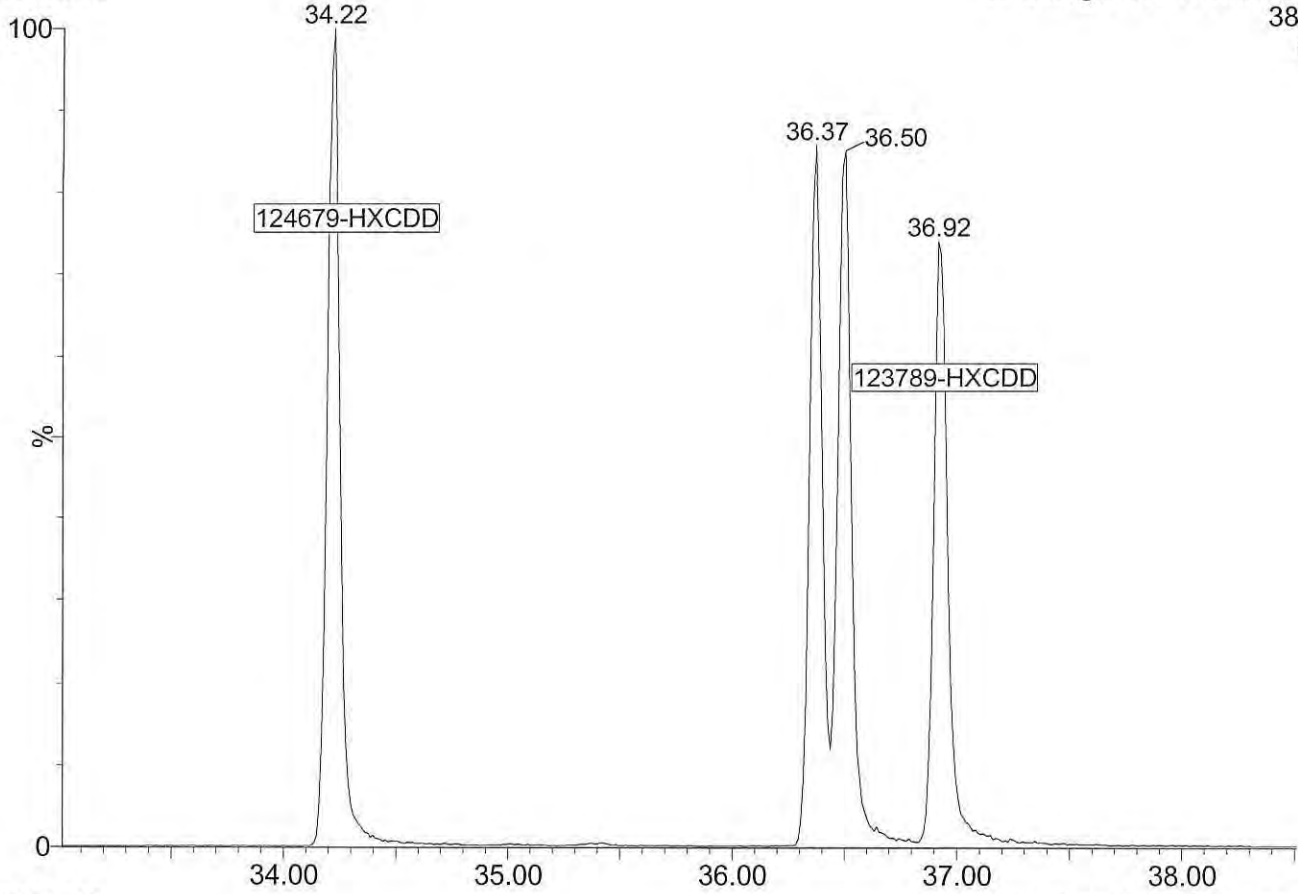
17052202

1: Voltage SIR 15 Channels EI+
339.8597
1.24e7



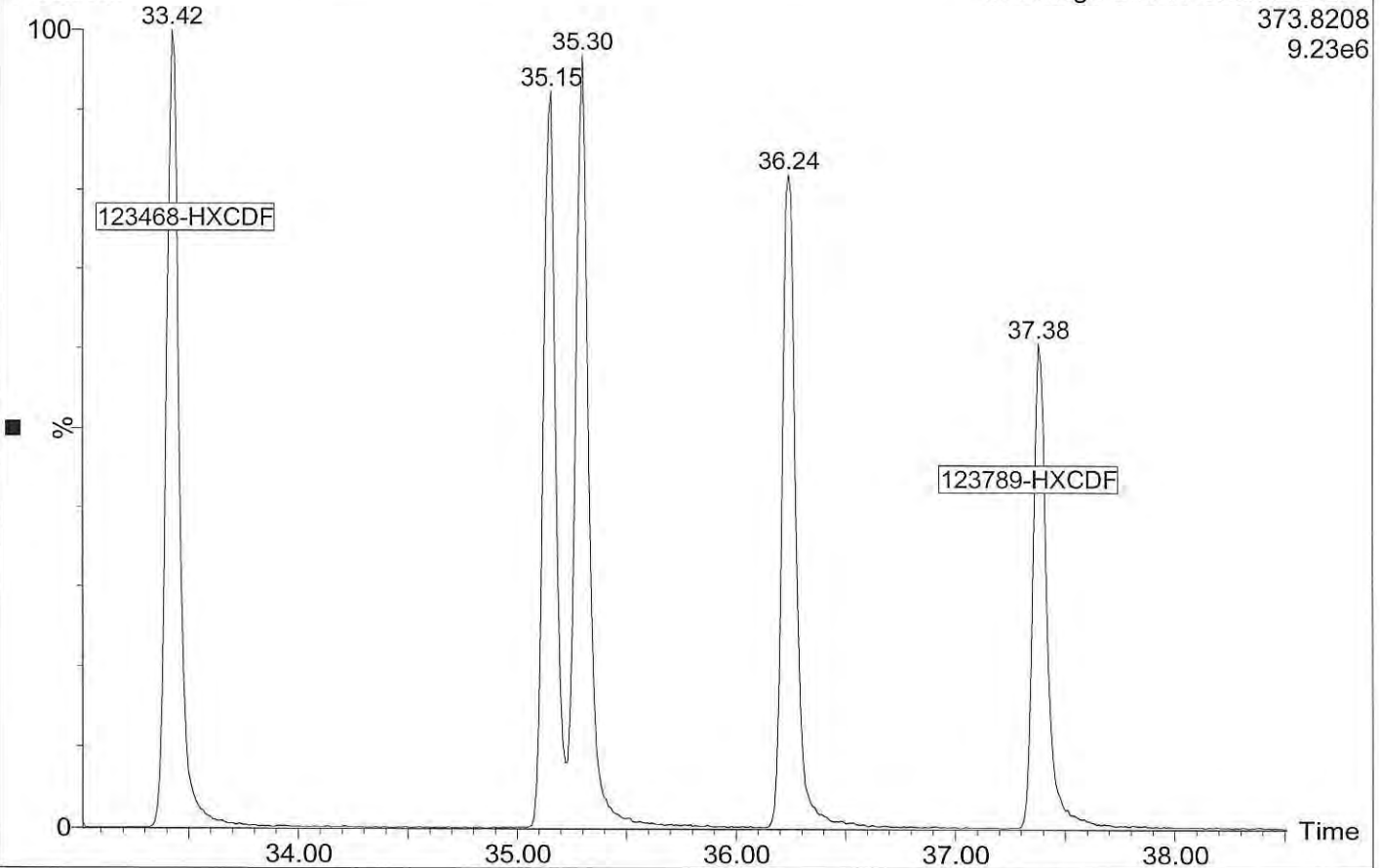
17052202

3: Voltage SIR 11 Channels EI+
389.8157
6.42e6



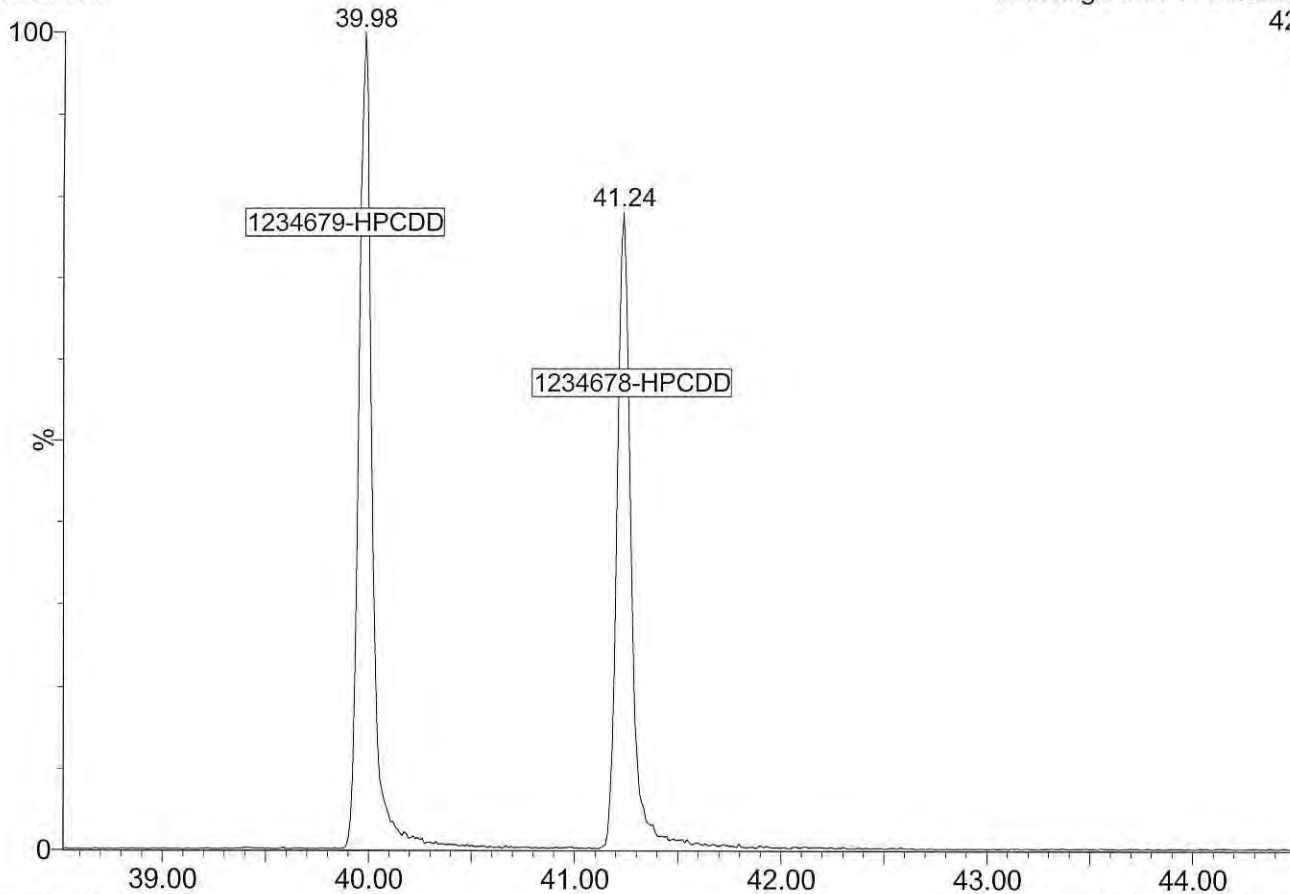
17052202

3: Voltage SIR 11 Channels EI+
373.8208
9.23e6



17052202

4: Voltage SIR 11 Channels EI+
423.7766
4.47e6



17052202

4: Voltage SIR 11 Channels EI+
407.7818
6.39e6

