

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102219\
Data File : PR042476.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2019 19:48
Operator : SM\AJ
Sample : K5403-05MSD 2X
Misc :
ALS Vial : 42 Sample Multiplier: 1

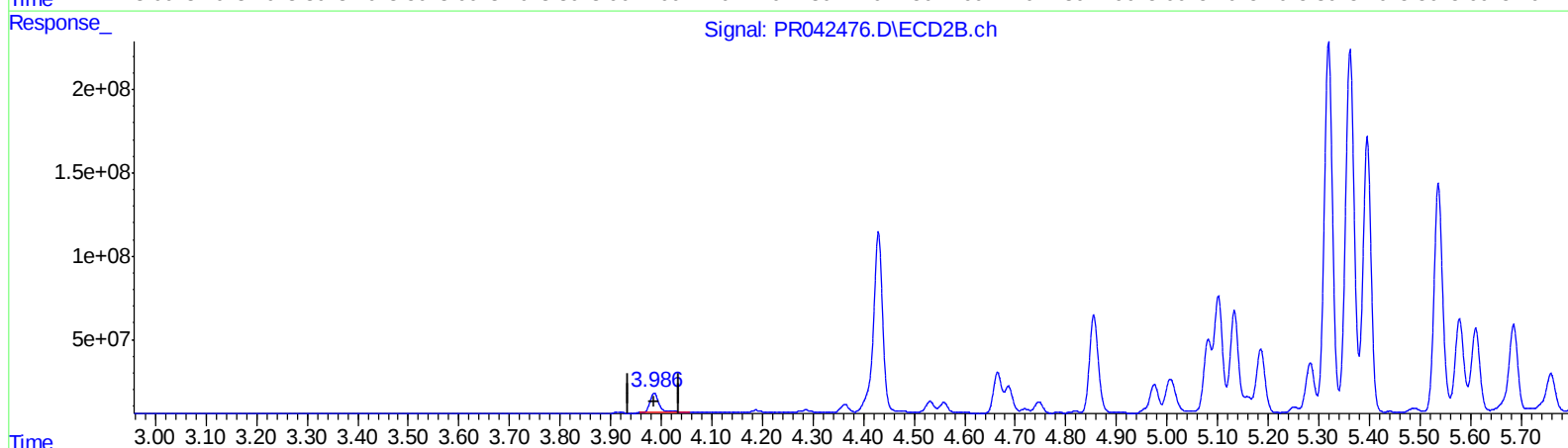
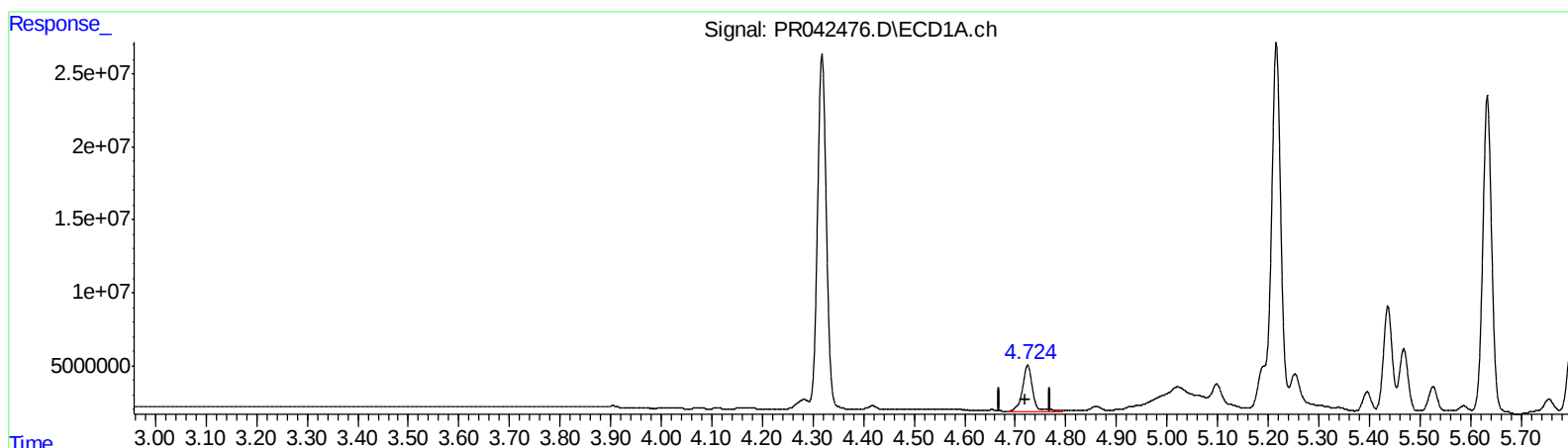
Instrument :
ECD_R
ClientSampleId :
BFB94MSD

Manual Integrations
APPROVED

Ankita
10/23/2019 1:23:16 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 06:07:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 04 06:59:35 2019
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Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(1) Tetrachloro-m-xylene (SA)

4.725min 11.672 ng/ml

response 47482297

(1) Tetrachloro-m-xylene #2 (SA)

3.986min 10.413 ng/ml

response 159224679

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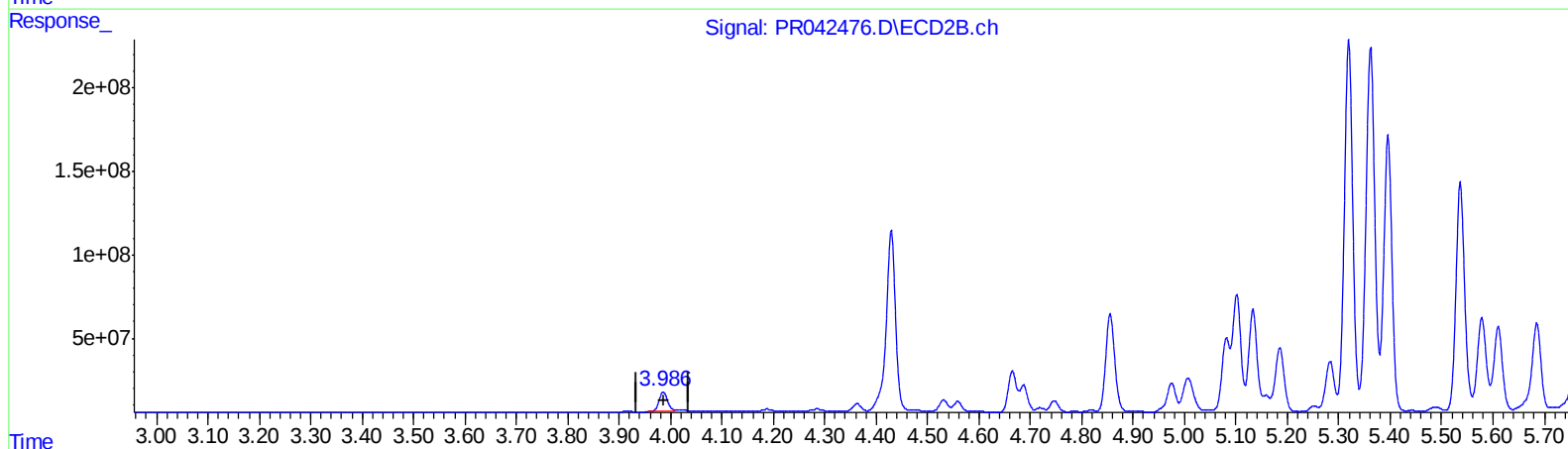
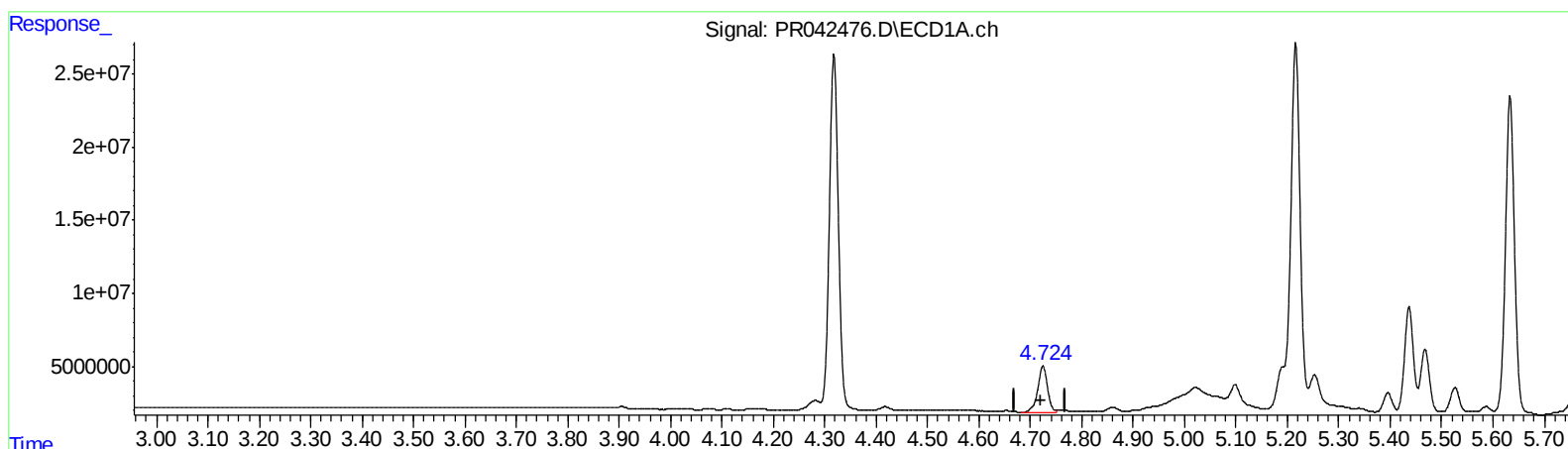
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QEdit

(1) Tetrachloro-m-xylene (SA)

4.724min 10.750 ng/ml m

response 43729564

(1) Tetrachloro-m-xylene #2 (SA)

3.986min 9.188 ng/ml m

response 140486792

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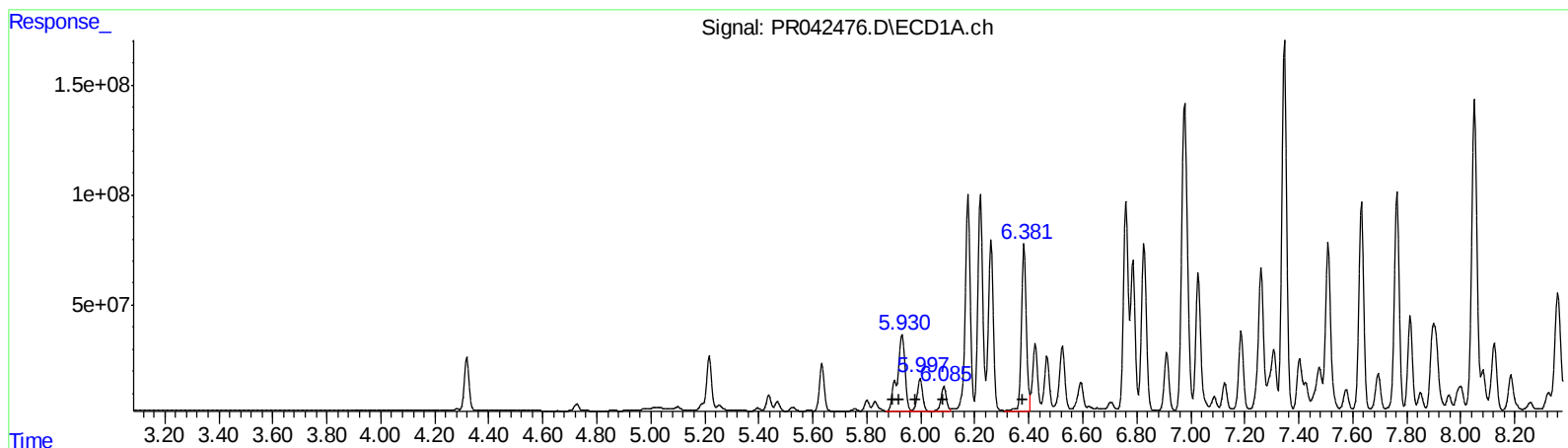
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QEdit

(3) AR-1016-1 (L1)
R.T. Response Conc
5.93 719563962 5011.97
5.93 719563962 3518.71
6.00 206468642 1698.30
6.08 158073674 1554.30
6.38 955920552 9600.40

(3) AR-1016-1 #2 (L1)
R.T. Response Conc
5.08 426066478 783.79
5.10 809703281 1121.82
5.28 353797315 970.25
5.32 2538708457 9148.17
5.54 1592601184 5150.50

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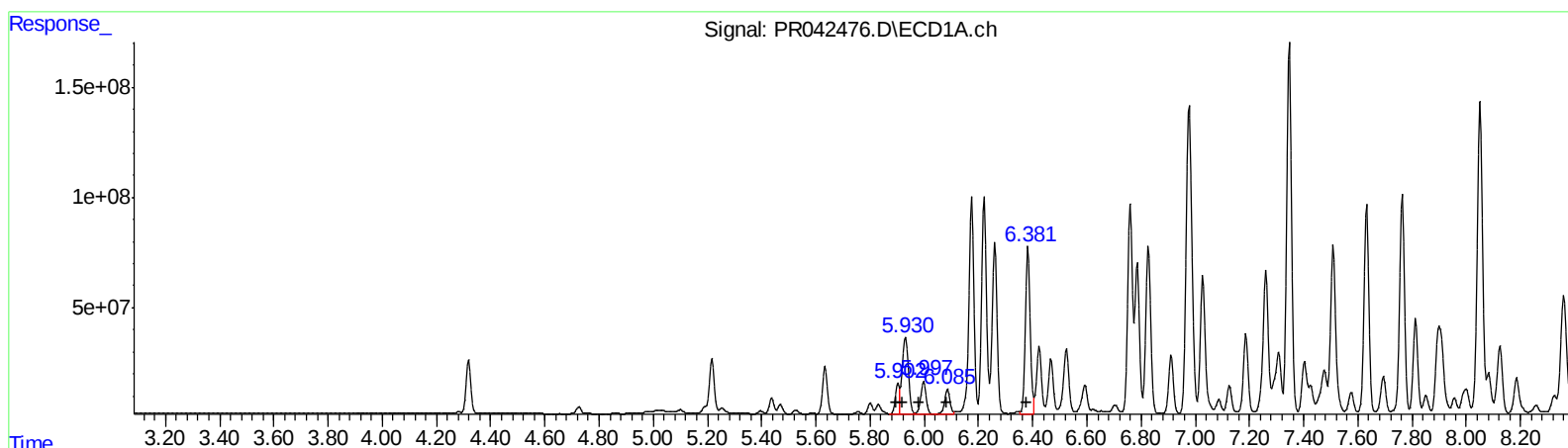
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(3) AR-1016-1 #2 (L1)
R.T. Response Conc
5.90 145291093 1011.99
5.93 569470531 2784.74
6.00 206468642 1698.30
6.08 158073674 1554.30
6.38 939987099 9440.38

(3) AR-1016-1 #2 (L1)
R.T. Response Conc
5.08 426066478 783.79
5.10 809703281 1121.82
5.28 353797315 970.25
5.32 2538708457 9148.17
5.54 1592601184 5150.50

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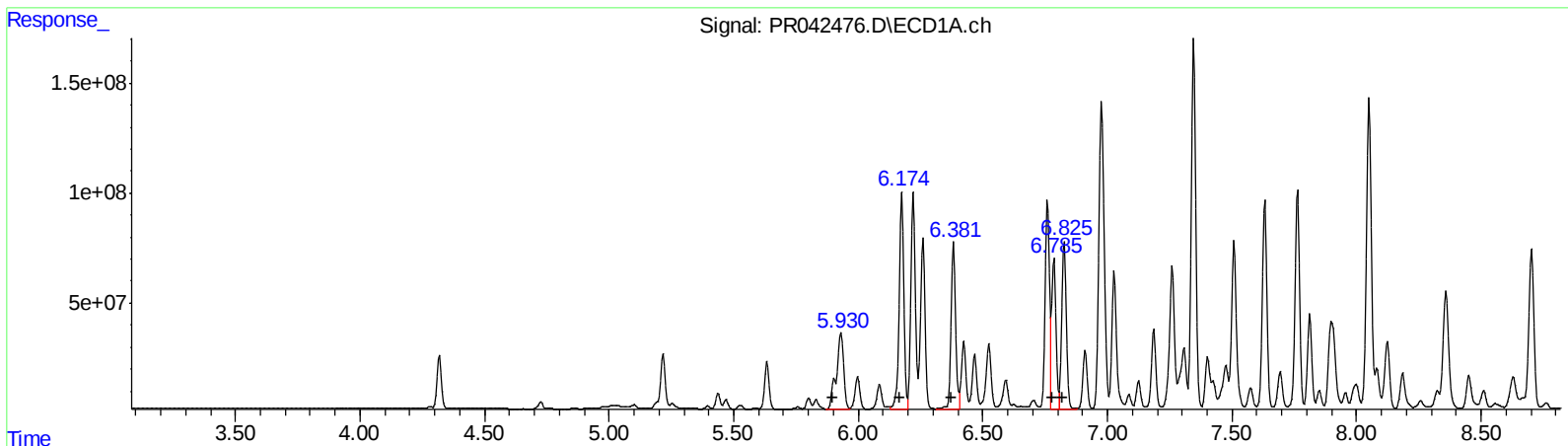
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(21) AR-1248-1 (L5)
R.T. Response Conc
5.93 719563962 8647.32
6.17 1271557241 11080.69
6.38 955920552 7372.68
6.78 793898606 5173.78
6.83 989833899 6836.37
(21) AR-1248-1 #2 (L5)
R.T. Response Conc
5.08 426066478 1307.19
5.32 2538708457 6815.85
5.36 2599879773 6945.63
5.54 1592601184 3998.73
5.93 1135026005 3249.78

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Sample : K5403-05MSD 2X
Misc :
ALS Vial : 42 Sample Multiplier: 1

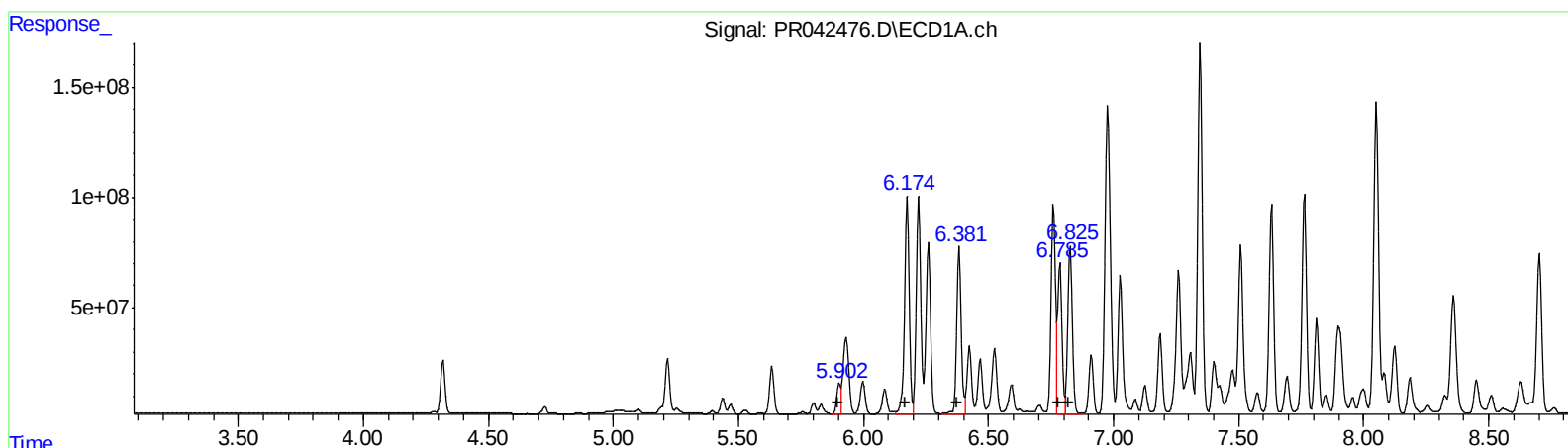
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(21) AR-1248-1 #2 (L5)
R.T. Response Conc
5.90 159175737 1912.89
6.17 1271557241 11080.69
6.38 955920552 7372.68
6.78 793898606 5173.78
6.83 989833899 6836.37

(21) AR-1248-1 #2 (L5)
R.T. Response Conc
5.08 426066478 1307.19
5.32 2538708457 6815.85
5.36 2599879773 6945.63
5.54 1592601184 3998.73
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(+) = Expected Retention Time

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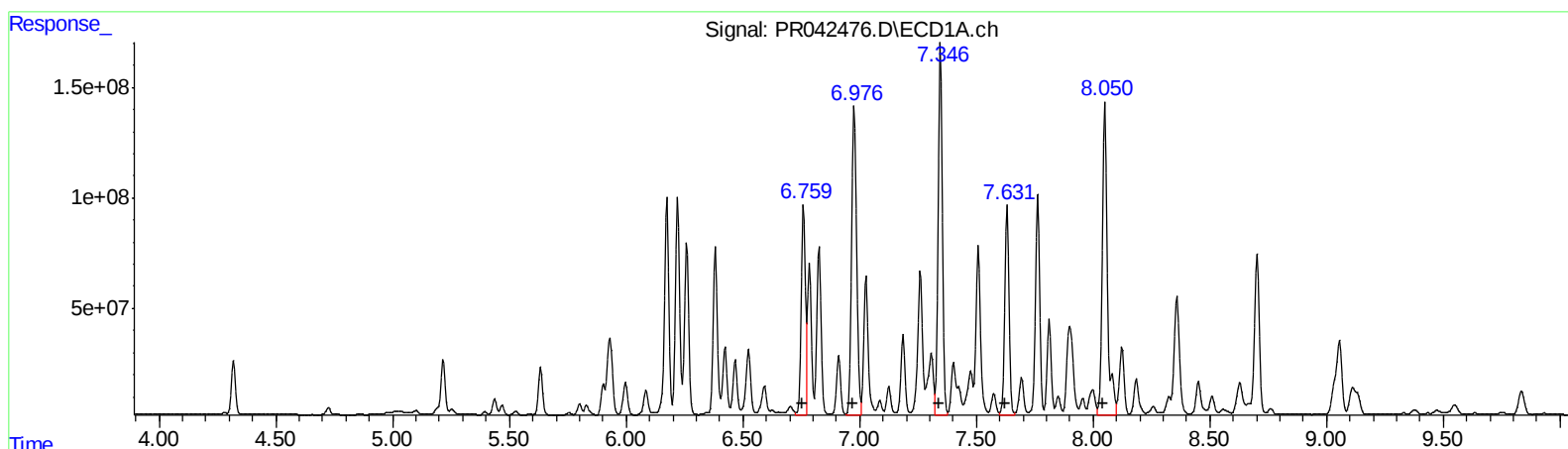
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(26) AR-1254-1 (L6)
R.T. Response Conc
6.76 1183259225 7245.40
6.98 2099119761 8460.78
7.35 2101670206 7787.96
7.63 1210474073 5964.20
8.05 2152743296 10123.24

(26) AR-1254-1 #2 (L6)
R.T. Response Conc
5.89 2901702439 5477.65
6.04 2344663853 4676.66
6.44 4547582600 4820.18
6.67 2253887563 3404.26
7.09 4043333326 4708.97

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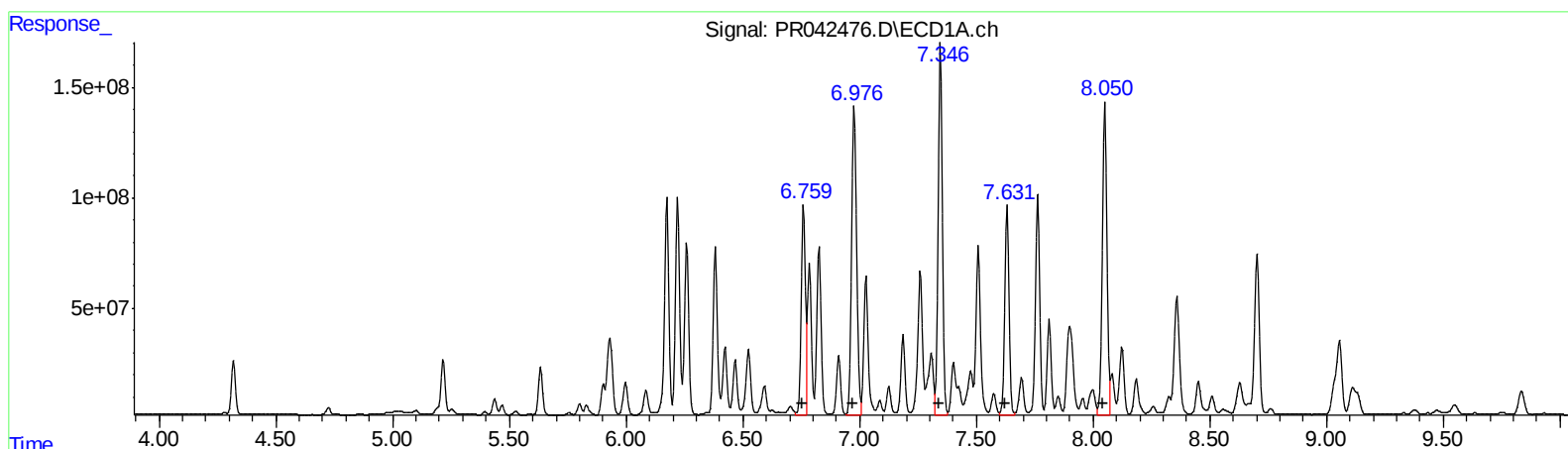
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R.T. Response Conc
6.76 1183259225 7245.40
6.98 2099119761 8460.78
7.35 2101670206 7787.96
7.63 1210474073 5964.20
8.05 1945370314 9148.07

(26) AR-1254-1 #2 (L6)
R.T. Response Conc
5.89 2901702439 5477.65
6.04 2445611278 4878.01
6.44 4547582600 4820.18
6.67 2253887563 3404.26
7.09 4043333326 4708.97

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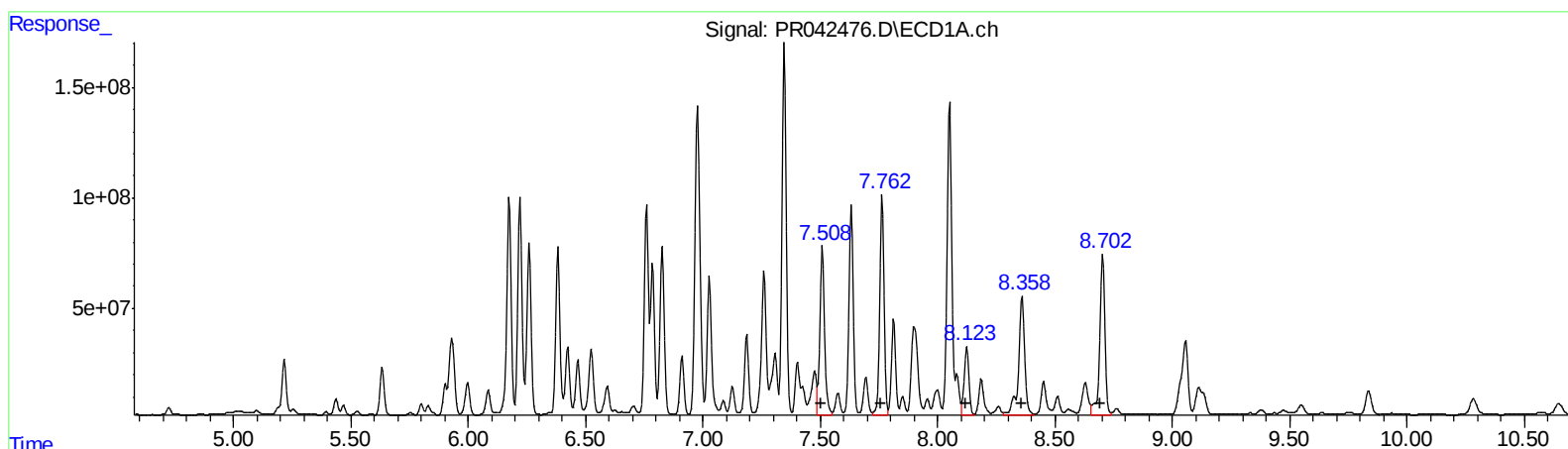
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(31) AR-1260-1 (L7)
R.T. Response Conc
7.51 1046921616 5525.65
7.76 1269803636 5372.30
8.12 436045595 2322.75
8.36 977212433 4862.56
8.70 1108426407 2560.55

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
6.57 2027592237 3420.55
6.76 2707159391 3320.54
6.92 2141240608 3097.37
7.39 869416392 1498.23
7.63 3238526994 1991.89

(+) = Expected Retention Time

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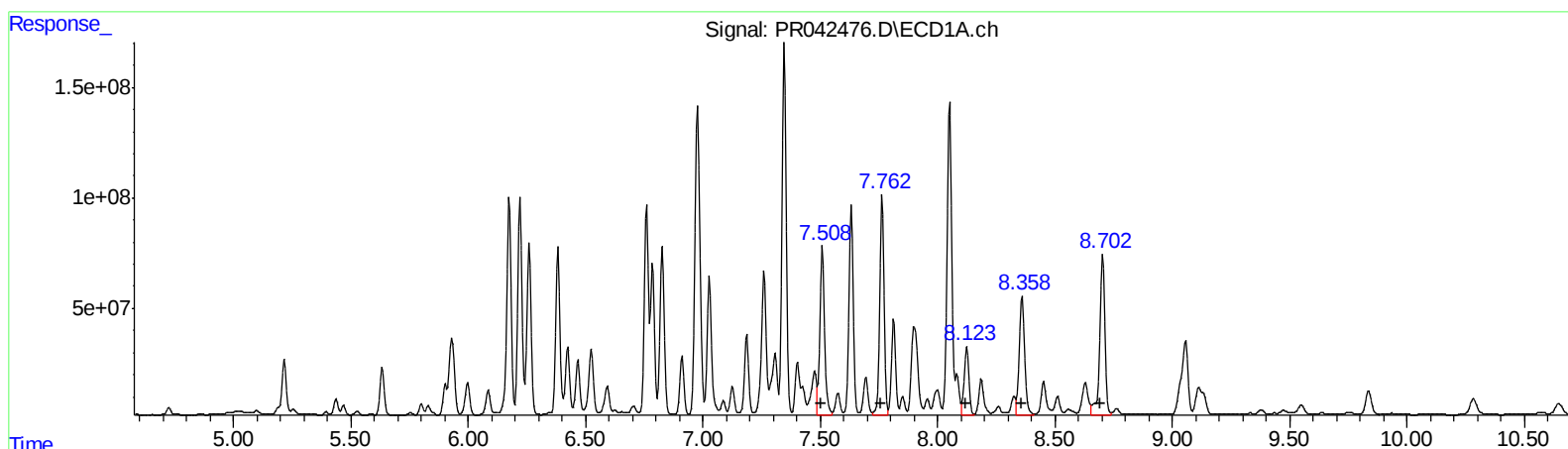
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R.T. Response Conc
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7.76 1269803636 5372.30
8.12 436045595 2322.75
8.36 859719513 4277.92
8.70 1108426407 2560.55

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
6.57 2365011456 3989.77
6.76 2707159391 3320.54
6.92 2141240608 3097.37
7.39 869416392 1498.23
7.63 3238526994 1991.89

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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

1) SA Tetrachlo...	4.724	3.986	43729564	140.5E6	10.750m	9.188m
2) SA Decachlor...	10.646	9.091	114.6E6	233.2E6	33.354	23.519 #

Target Compounds

3) L1 AR-1016-1	5.902	5.082	145.3E6	426.1E6	1011.993m	783.793
4) L1 AR-1016-2	5.930	5.102	569.5E6	809.7E6	2784.745m	1121.824 #
5) L1 AR-1016-3	5.997	5.283	206.5E6	353.8E6	1698.301	970.247 #
6) L1 AR-1016-4	6.085	5.319	158.1E6	2538.7E6	1554.299	9148.168 #
7) L1 AR-1016-5	6.381	5.536	940.0E6	1592.6E6	9440.383m	5150.497 #
21) L5 AR-1248-1	5.902	5.082	159.2E6	426.1E6	1912.885m	1307.194 #
22) L5 AR-1248-2	6.174	5.319	1271.6E6	2538.7E6	11080.685	6815.855 #
23) L5 AR-1248-3	6.382	5.362	955.9E6	2599.9E6	7372.683	6945.629
24) L5 AR-1248-4	6.785	5.536	793.9E6	1592.6E6	5173.784	3998.734
25) L5 AR-1248-5	6.826	5.931	989.8E6	1135.0E6	6836.368	3249.778 #
26) L6 AR-1254-1	6.759	5.890	1183.3E6	2901.7E6	7245.397	5477.647
27) L6 AR-1254-2	6.976	6.037	2099.1E6	2445.6E6	8460.784	4878.006m#
28) L6 AR-1254-3	7.346	6.443	2101.7E6	4547.6E6	7787.956	4820.181 #
29) L6 AR-1254-4	7.631	6.671	1210.5E6	2253.9E6	5964.198	3404.257 #
30) L6 AR-1254-5	8.050	7.090	1945.4E6	4043.3E6	9148.073m	4708.973 #
31) L7 AR-1260-1	7.508	6.574	1046.9E6	2365.0E6	5525.649	3989.774m#
32) L7 AR-1260-2	7.763	6.760	1269.8E6	2707.2E6	5372.298	3320.538 #
33) L7 AR-1260-3	8.124	6.916	436.0E6	2141.2E6	2322.751	3097.370 #
34) L7 AR-1260-4	8.358	7.390	859.7E6	869.4E6	4277.924m	1498.235 #
35) L7 AR-1260-5	8.702	7.629	1108.4E6	3238.5E6	2560.546	1991.886

AS
 10/24/19

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.