

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091319\
Data File : PR041080.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2019 18:57
Operator : SM\AJ
Sample : K4891-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

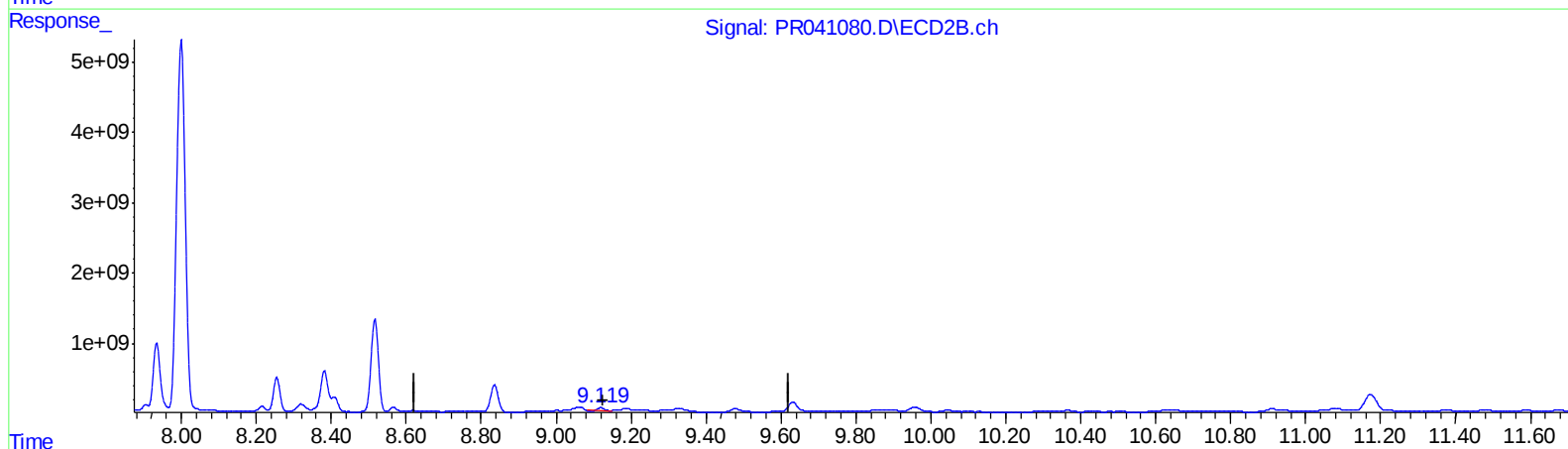
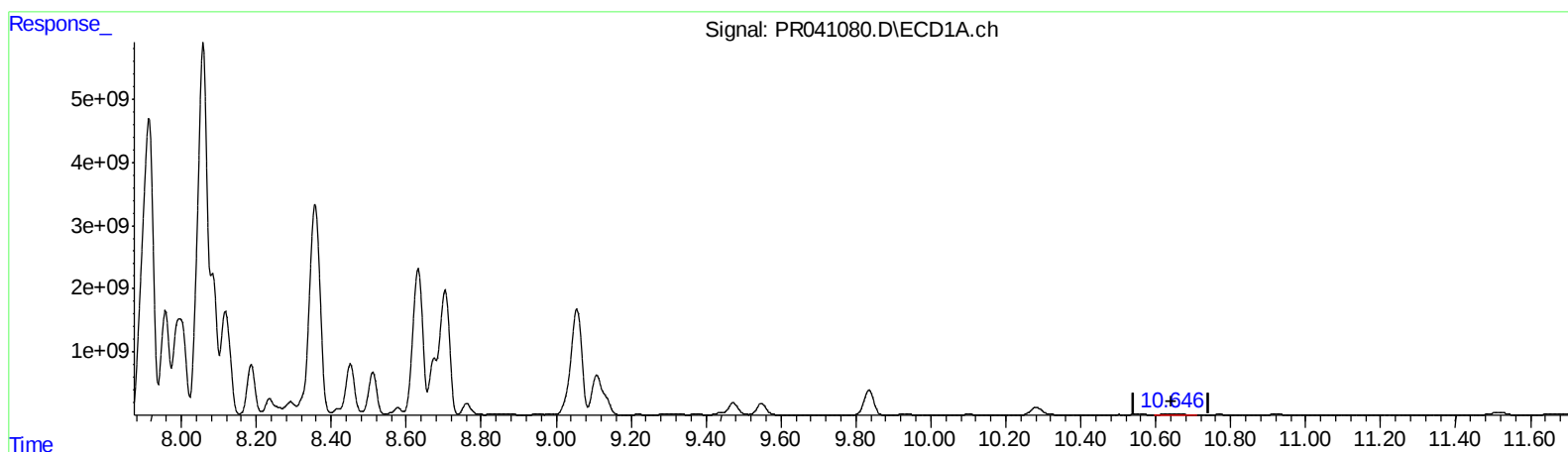
Instrument :
ECD_R
ClientSampleId :
C0AS9MS

Manual Integrations
APPROVED

Ankita
9/16/2019 5:53:38 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 23:26:50 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 13:01:53 2019
Response via : Initial Calibration
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

(2) Decachlorobiphenyl (SA)

10.645min 211.644 ng/ml

response 589024393

(2) Decachlorobiphenyl #2 (SA)

9.119min 39.886 ng/ml

response 389849987

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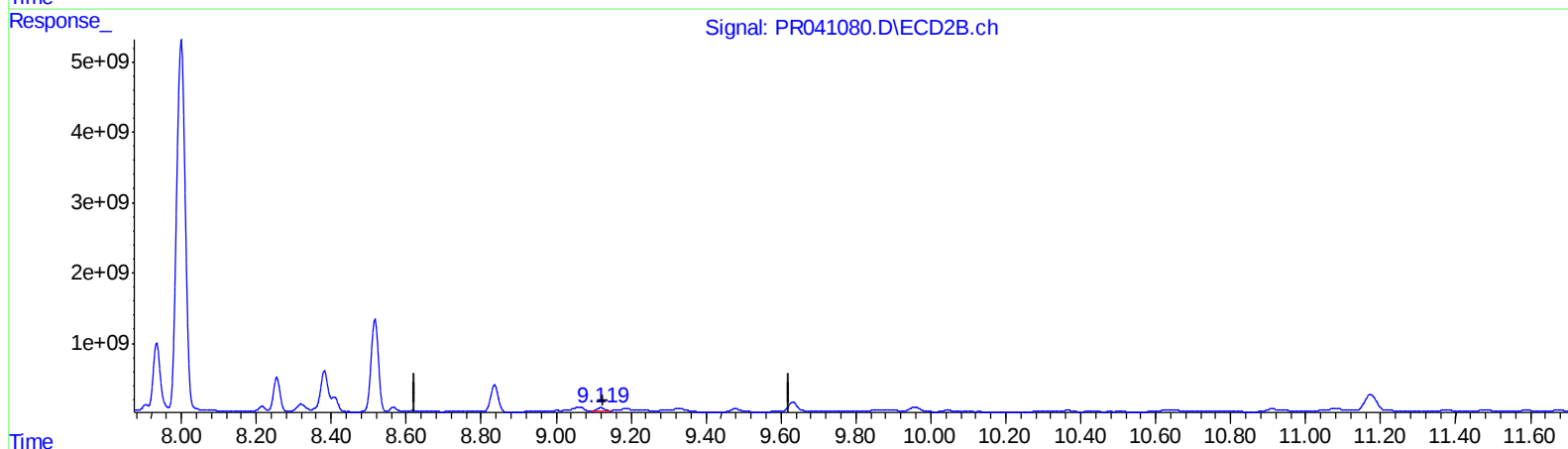
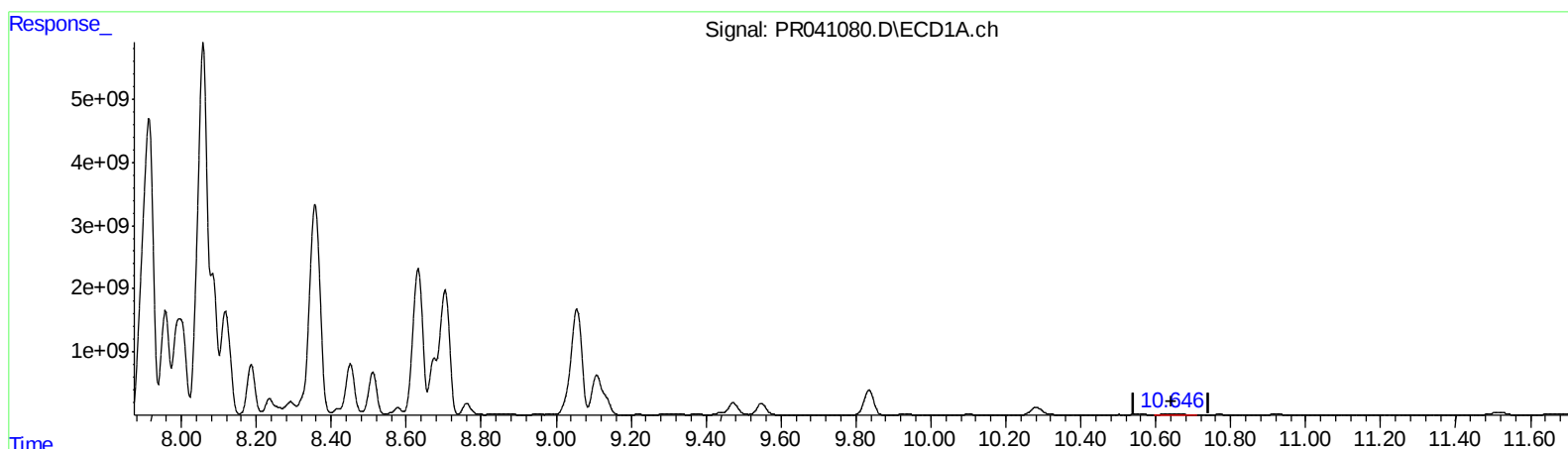
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(2) Decachlorobiphenyl (SA)

10.645min 211.644 ng/ml

response 589024393

(2) Decachlorobiphenyl #2 (SA)

9.119min 76.545 ng/ml m

response 748154531

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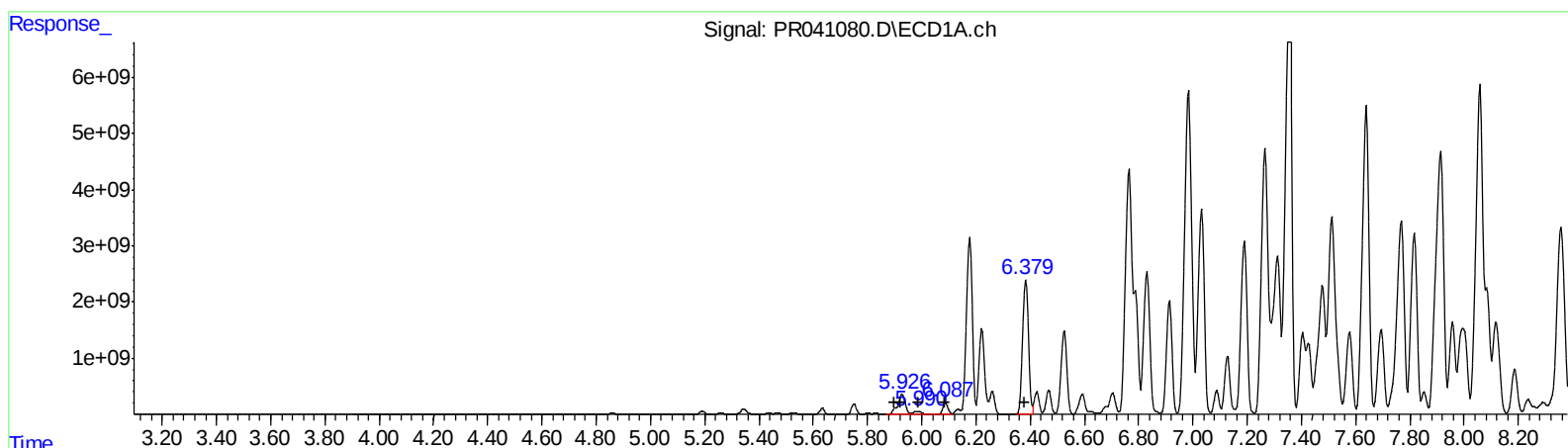
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(3) AR-1016-1 (L1)
R.T. Response Conc
5.93 6806144076 60361.24
5.93 6806144076 42773.95
5.99 961636835 10263.04
6.09 2624232449 33627.86
6.38 35037303631 449475.39

(3) AR-1016-1 #2 (L1)
R.T. Response Conc
5.09 2127011361 8036.04
5.12 6583962849 17938.97
5.30 4532262371 22307.95
5.35 47560675654 291220.39
5.56 42580559910 183216.32

(+) = Expected Retention Time

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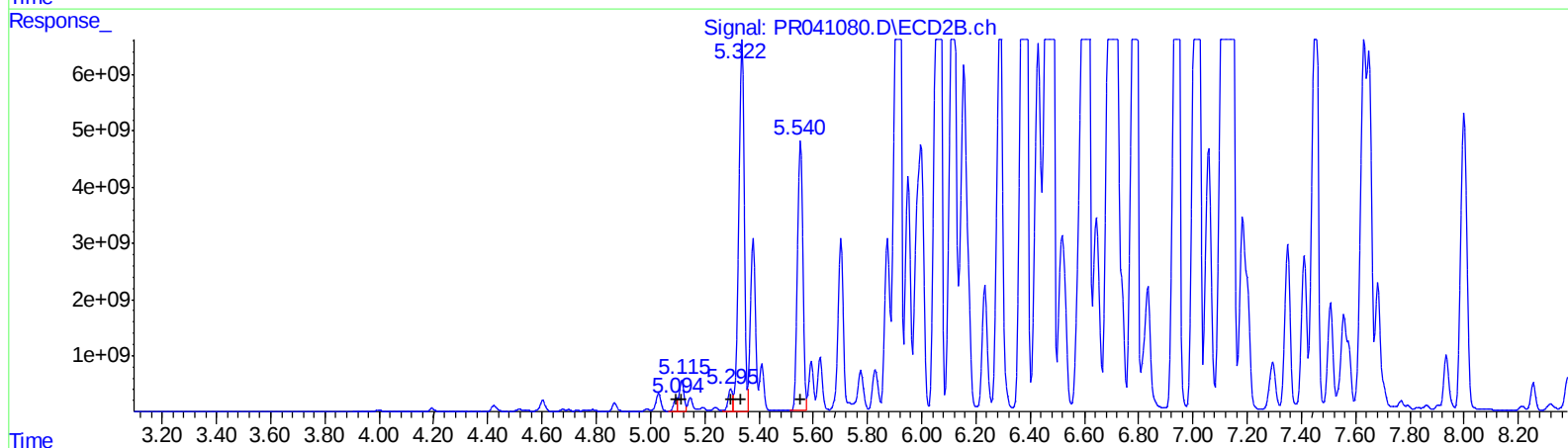
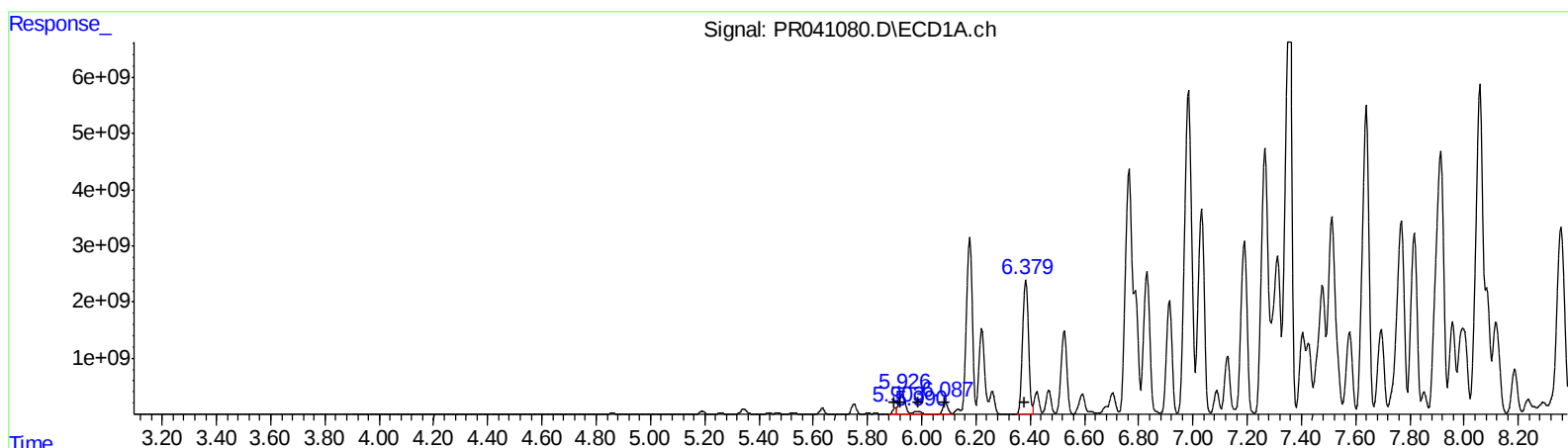
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QEdit

(3) AR-1016-1 (L1)
R.T. Response Conc
5.90 1132623686 10044.83
5.93 5671831525 35645.24
5.99 961636835 10263.04
6.09 2624232449 33627.86
6.38 35037303631 449475.39

(3) AR-1016-1 #2 (L1)
R.T. Response Conc
5.09 2127011361 8036.04
5.12 6583962849 17938.97
5.30 4532262371 22307.95
5.35 47560675654 291220.39
5.56 42580559910 183216.32

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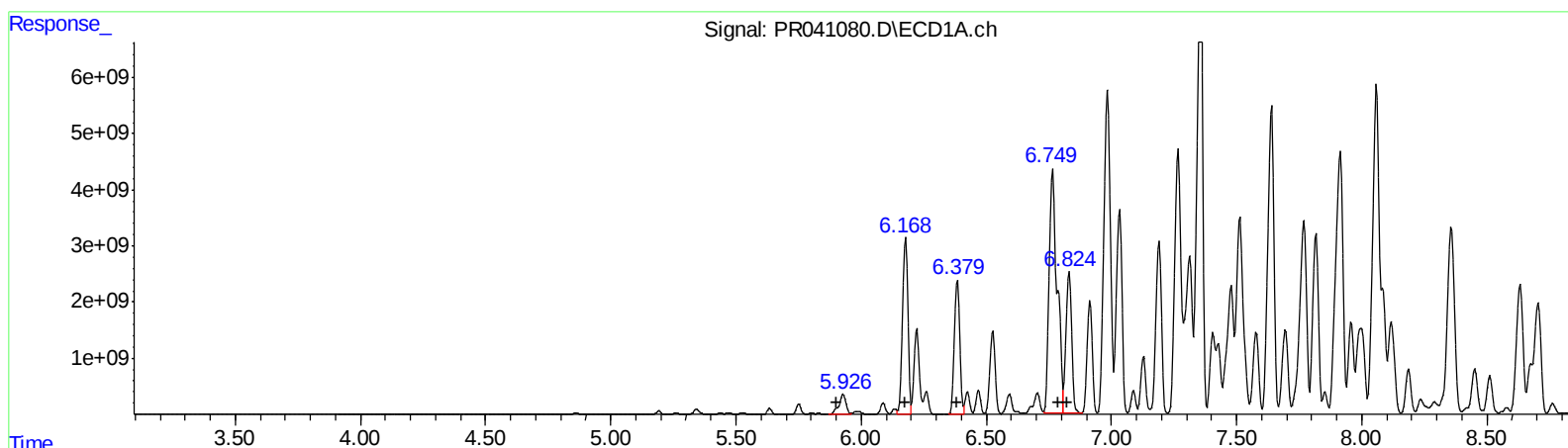
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(21) AR-1248-1 (L5)
R.T. Response Conc
5.93 6806144076 116235.50
6.18 40304945032 483313.52
6.38 35037303631 371385.71
6.79 73424124804 628260.41
6.83 38341973611 349628.54

(21) AR-1248-1 #2 (L5)
R.T. Response Conc
5.09 2127011361 15352.57
5.35 47560675654 241799.04
5.38 34115504572 167912.79
5.56 42580559910 161515.65
5.95 37596450747 118965.70

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091319\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

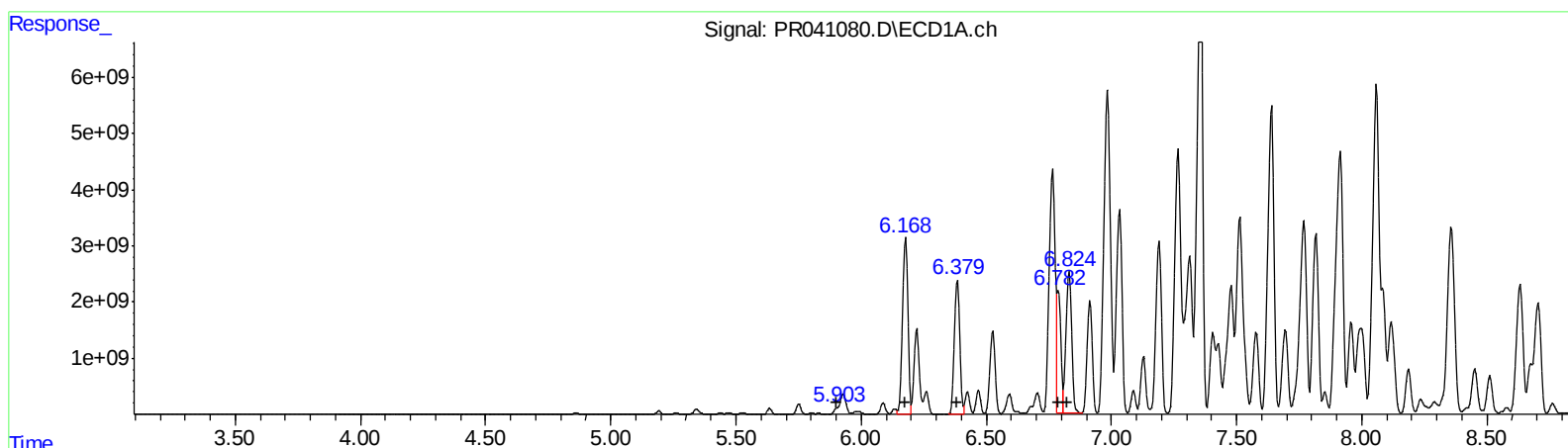
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ClientSampleId :
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(21) AR-1248-1 (L5)
R.T. Response Conc
5.90 1113152050 19010.44
6.18 40304945032 483313.52
6.38 35037303631 371385.71
6.78 22647527996 193785.70
6.83 38341973611 349628.54

(21) AR-1248-1 #2 (L5)
R.T. Response Conc
5.09 2127011361 15352.57
5.35 47560675654 241799.04
5.38 34115504572 167912.79
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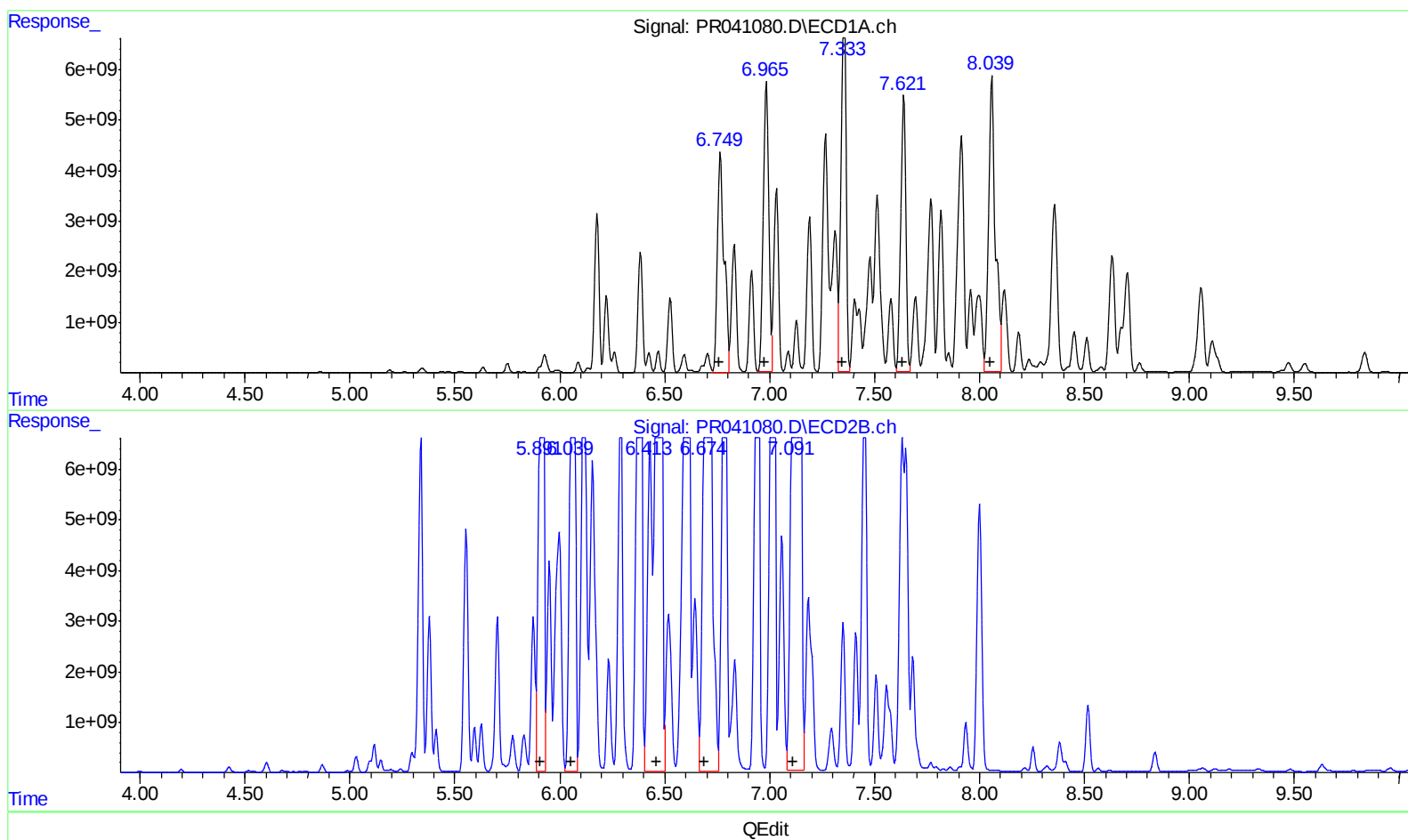
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(26) AR-1254-1 (L6)
R.T. Response Conc
6.79 73424124804 599000.63
6.99 59425746540 310379.23
7.36 55737490090 257559.24
7.64 54720458096 335915.29
8.08 83272899635 455888.76

(26) AR-1254-1 #2 (L6)
R.T. Response Conc
5.92 57383507639 119857.88
6.07 58249458830 131915.29
6.49 1.11922e+011 148780.52
6.73 1.00155e+011 191534.74
7.14 94311428794 147615.34

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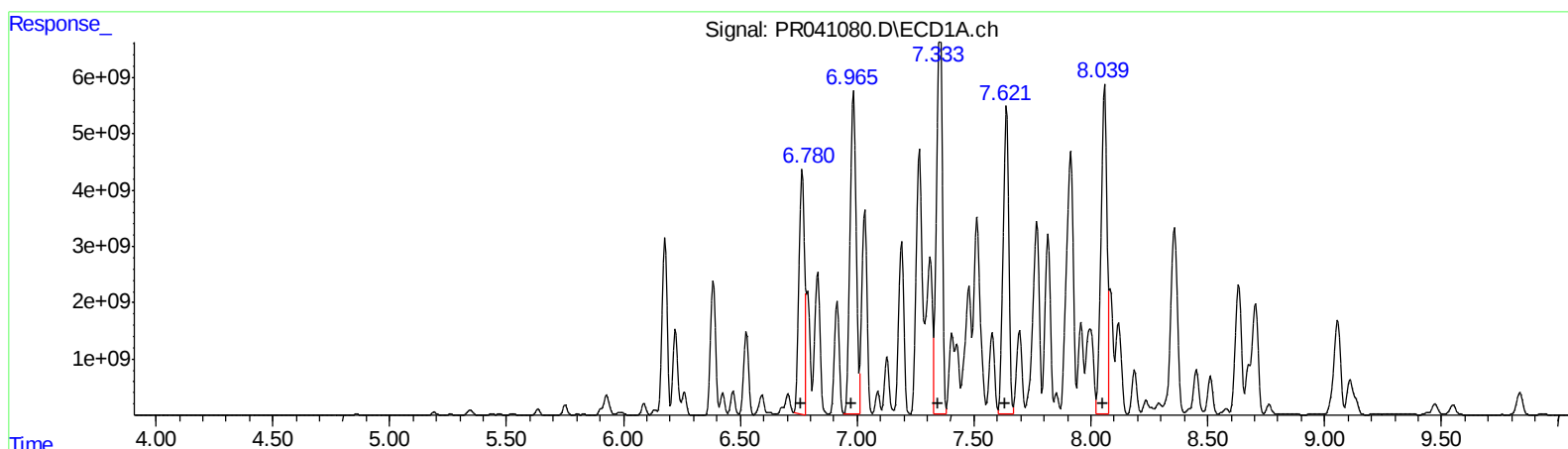
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6.78 47528296957 387740.13
6.99 59425746540 310379.23
7.36 55737490090 257559.24
7.64 54720458096 335915.29
8.04 57697688499 315873.81

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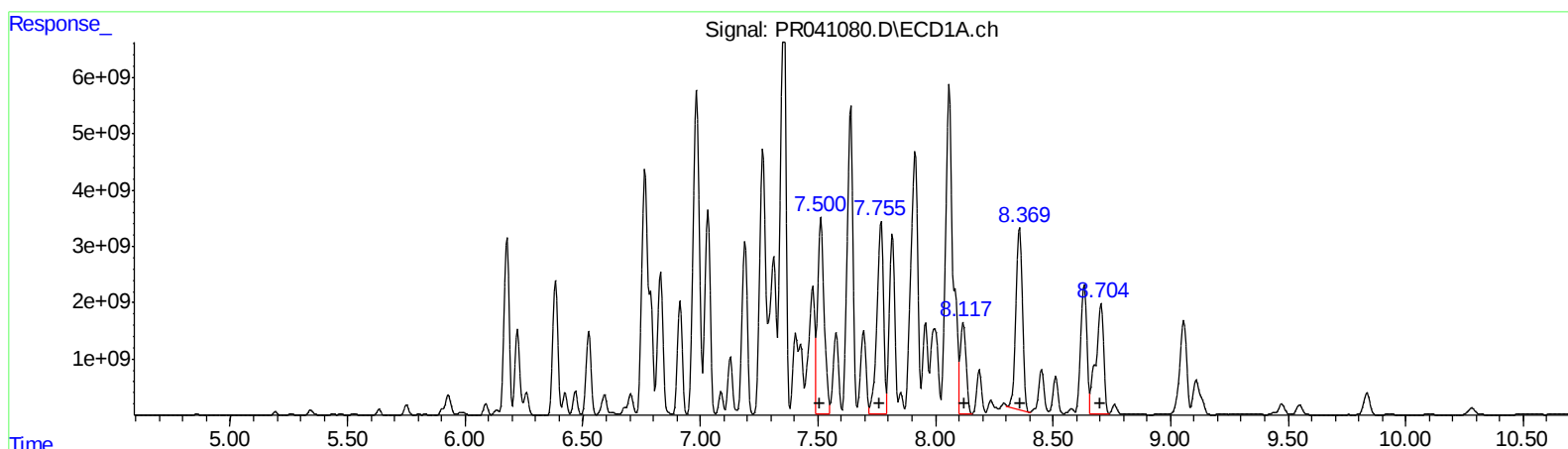
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(31) AR-1260-1 (L7)
R.T. Response Conc
7.52 53556113464 346927.19
7.77 54092804611 294035.96
8.12 27192766067 195873.07
8.36 51039121206 313896.75
8.70 46064533836 134761.01

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
6.61 79868436815 156774.84
6.79 57576883779 90570.25
6.94 56544294833 98038.74
7.41 85317211947 172807.10
7.65 1.07329e+011 82493.50

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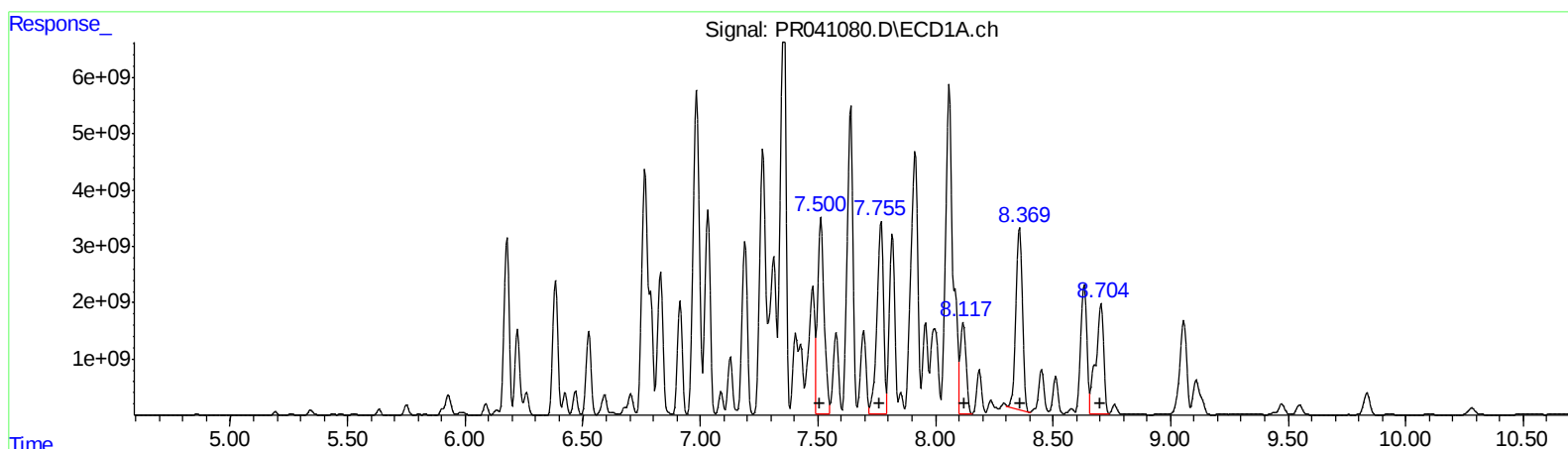
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8.12 27192766067 195873.07
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8.70 46064533836 134761.01

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6.79 57576883779 90570.25
6.94 56544294833 98038.74
7.40 34010949502 68888.02
7.61 74726970614 57435.19

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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.726	3.995	87880510	303.8E6	28.595	22.817
2) SA Decachlor...	10.645	9.119	589.0E6	748.2E6	211.644	76.545m#
Target Compounds						
3) L1 AR-1016-1	5.903	5.094	1132.6E6	2127.0E6	10044.832m	8036.043
4) L1 AR-1016-2	5.926	5.116	5671.8E6	6584.0E6	35645.236m	17938.974 #
5) L1 AR-1016-3	5.990	5.295	961.6E6	4532.3E6	10263.043	22307.947 #
6) L1 AR-1016-4	6.087	5.346	2624.2E6	47560.7E6	33627.859	291220.391 #
7) L1 AR-1016-5	6.385	5.560	35037.3E6	42580.6E6	449475.390	183216.320 #
21) L5 AR-1248-1	5.903	5.094	1113.2E6	2127.0E6	19010.438m	15352.566
22) L5 AR-1248-2	6.182	5.346	40304.9E6	47560.7E6	483313.520	241799.038 #
23) L5 AR-1248-3	6.385	5.382	35037.3E6	34115.5E6	371385.706	167912.794 #
24) L5 AR-1248-4	6.782	5.560	22647.5E6	42580.6E6	193785.697m	161515.654
25) L5 AR-1248-5	6.830	5.952	38342.0E6	37596.5E6	349628.536	118965.696 #
26) L6 AR-1254-1	6.780	5.925	47528.3E6	57383.5E6	387740.129m	119857.880 #
27) L6 AR-1254-2	6.993	6.072	59425.7E6	58249.5E6	310379.229	131915.286 #
28) L6 AR-1254-3	7.362	6.487	55737.5E6	111922.3E6	257559.237	148780.519 #
29) L6 AR-1254-4	7.645	6.727f	54720.5E6	100155.4E6	335915.289	191534.738 #
30) L6 AR-1254-5	8.039	7.143	57697.7E6	94311.4E6	315873.807m	147615.345 #
31) L7 AR-1260-1	7.517	6.610	53556.1E6	79868.4E6	346927.193	156774.835 #
32) L7 AR-1260-2	7.772	6.787	54092.8E6	57576.9E6	294035.964	90570.247 #
33) L7 AR-1260-3	8.117	6.940	27192.8E6	56544.3E6	195873.066	98038.741 #
34) L7 AR-1260-4	8.360	7.404	51039.1E6	34010.9E6	313896.746	68888.017m#
35) L7 AR-1260-5	8.704	7.613f	46064.5E6	74727.0E6	134761.011	57435.191m#

A.J
 09/14/19

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