

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091319\
Data File : PR041081.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2019 19:12
Operator : SM\AJ
Sample : K4891-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

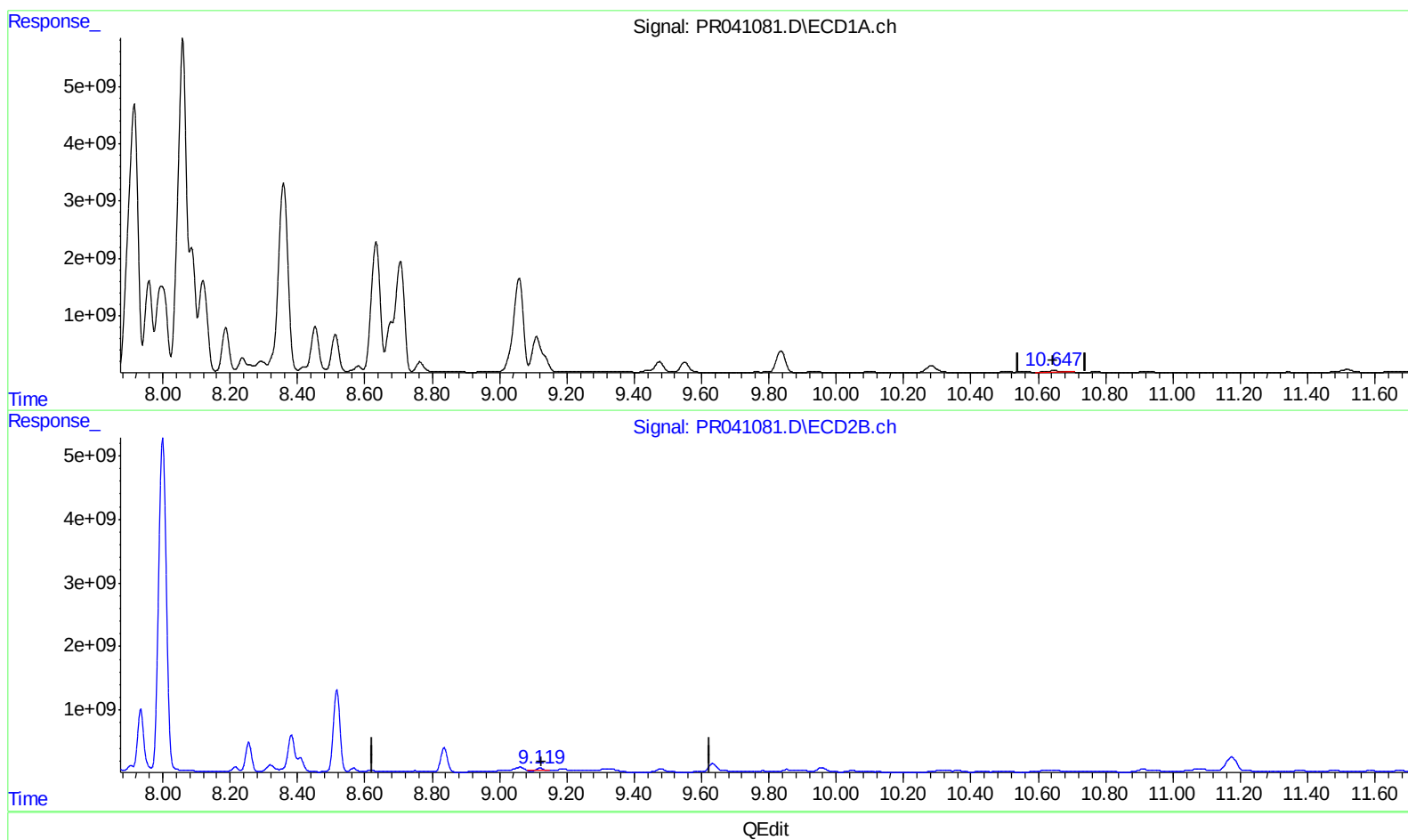
Instrument :
ECD_R
ClientSampleId :
C0AS9MSD

Manual Integrations
APPROVED

Ankita
9/16/2019 5:53:48 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 23:27:32 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



(2) Decachlorobiphenyl (SA)

10.647min 219.497 ng/ml

response 610879410

(2) Decachlorobiphenyl #2 (SA)

9.119min 40.218 ng/ml

response 393091243

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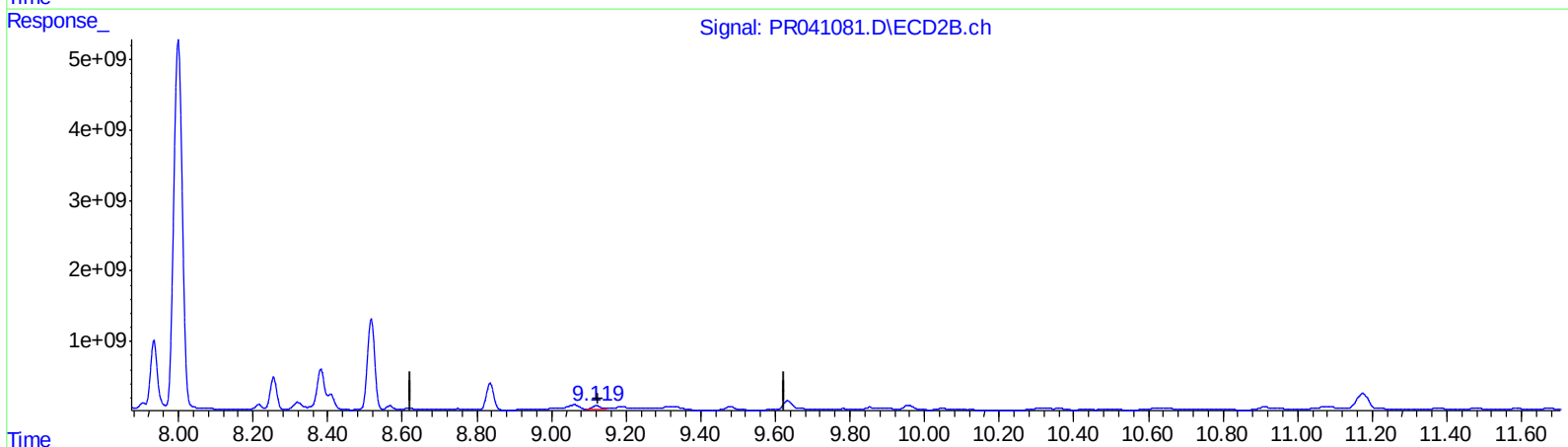
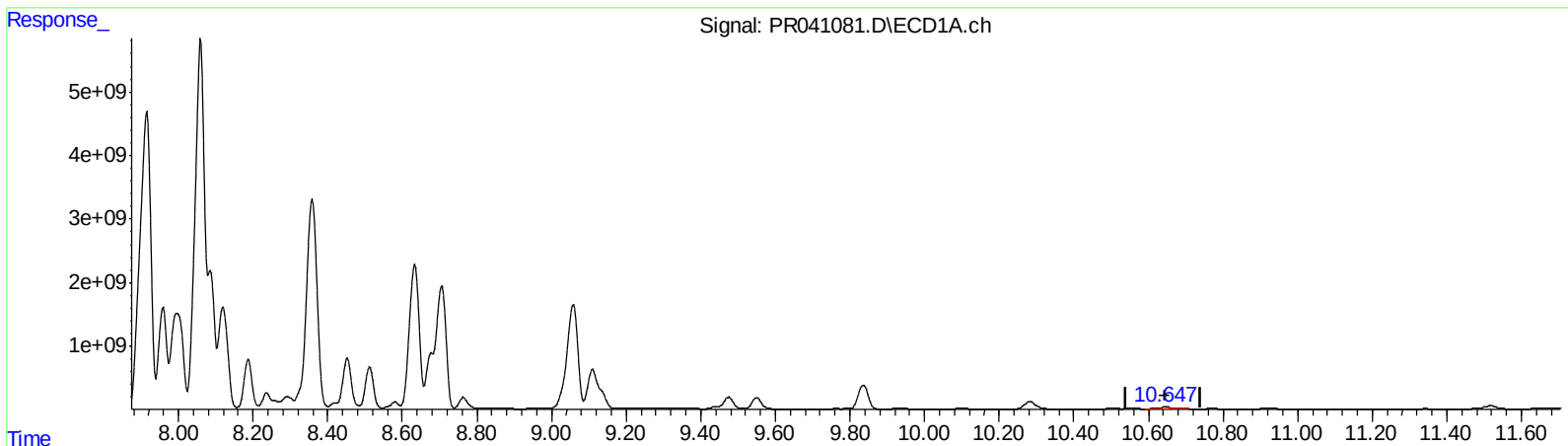
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QEdit

(2) Decachlorobiphenyl (SA)

10.647min 219.497 ng/ml

response 610879410

(2) Decachlorobiphenyl #2 (SA)

9.119min 77.895 ng/ml m

response 761344199

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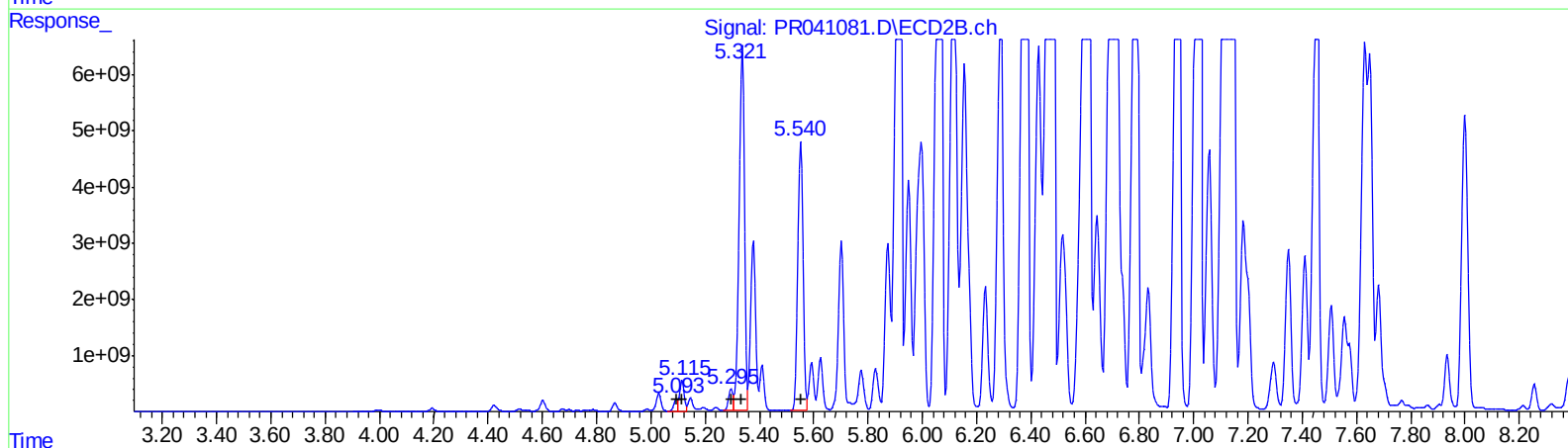
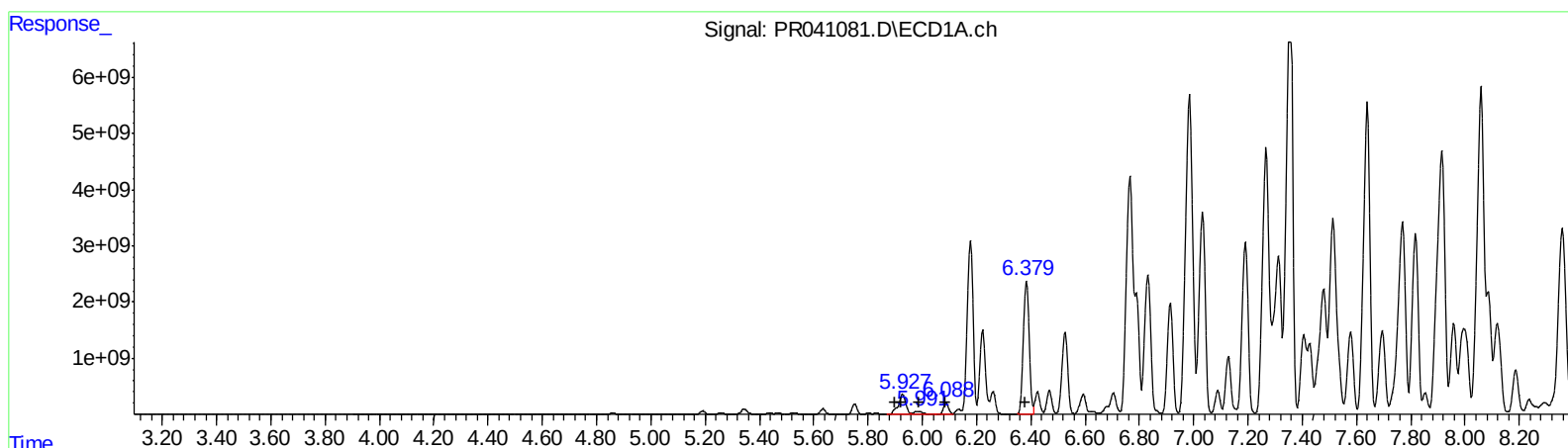
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(3) AR-1016-1 (L1)
R.T. Response Conc
5.93 6670384679 59157.24
5.93 6670384679 41920.75
5.99 915435046 9769.96
6.09 2582593184 33094.28
6.38 34467951920 442171.47

(3) AR-1016-1 #2 (L1)
R.T. Response Conc
5.09 2085019118 7877.39
5.11 6433792237 17529.81
5.30 4442997559 21868.58
5.34 47054026433 288118.11
5.56 41815446860 179924.18

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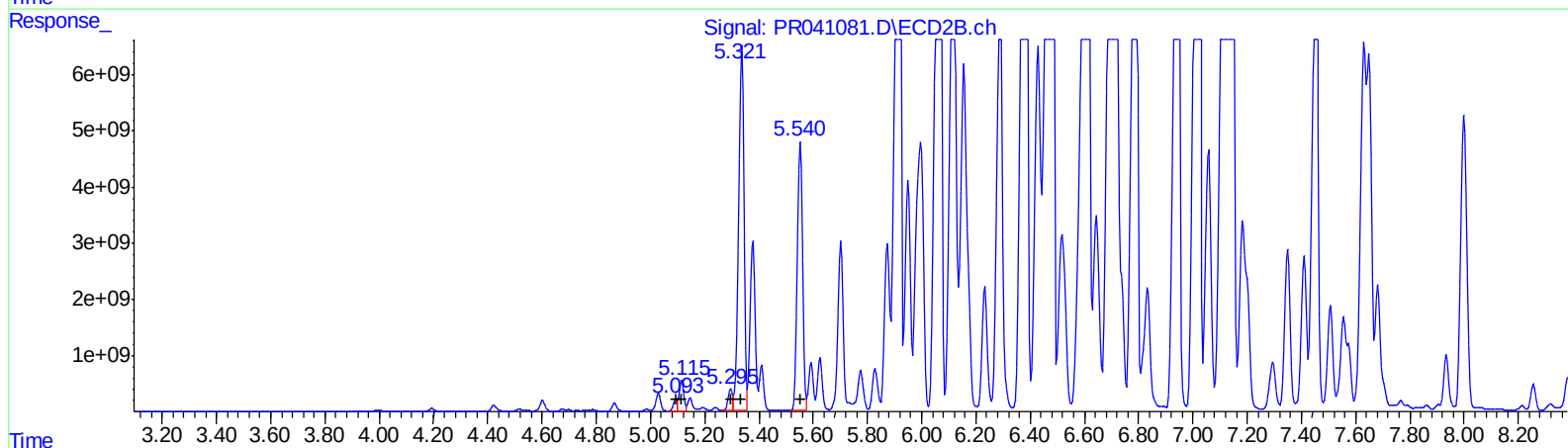
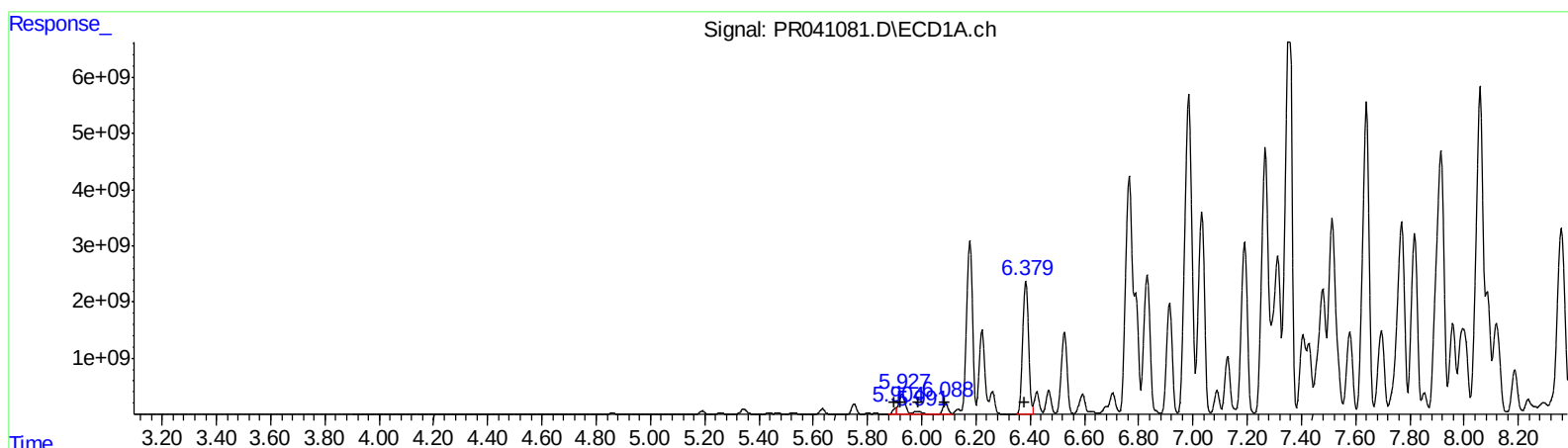
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QEdit

(3) AR-1016-1 (L1)
R.T. Response Conc
5.90 977415082 8668.34
5.93 5595626285 35166.32
5.99 915435046 9769.96
6.09 2582593184 33094.28
6.38 34467951920 442171.47

(3) AR-1016-1 #2 (L1)
R.T. Response Conc
5.09 2085019118 7877.39
5.11 6433792237 17529.81
5.30 4442997559 21868.58
5.34 47054026433 288118.11
5.56 41815446860 179924.18

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Sample : K4891-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

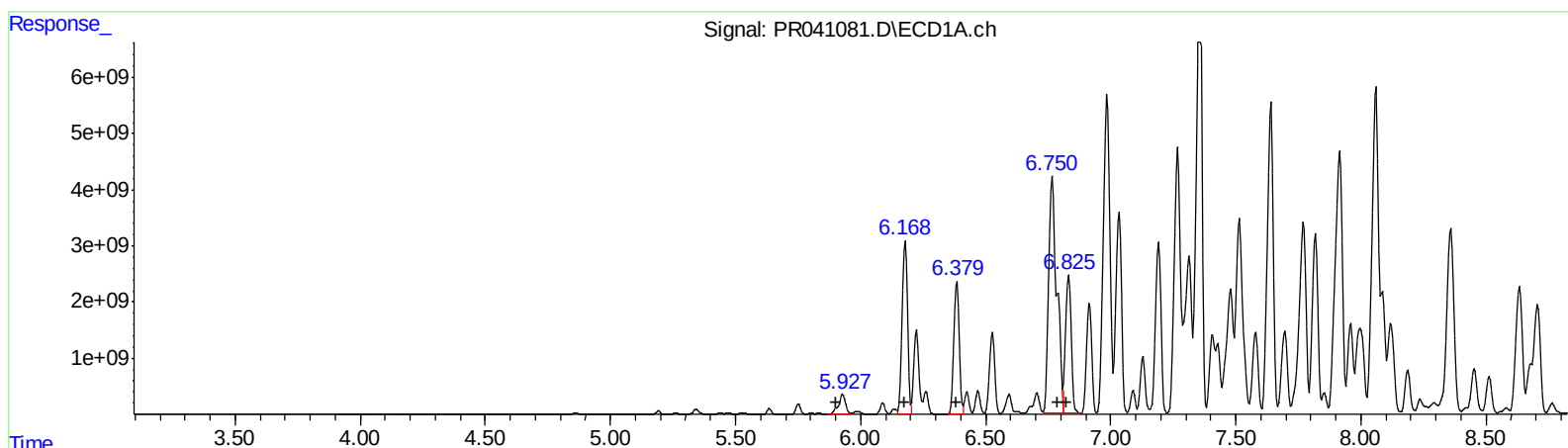
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(21) AR-1248-1 (L5)
R.T. Response Conc
5.93 6670384679 113917.00
6.18 40123851001 481141.94
6.38 34467951920 365350.74
6.78 72940129796 624119.06
6.83 38143624330 347819.85

(21) AR-1248-1 #2 (L5)
R.T. Response Conc
5.09 2085019118 15049.47
5.34 47054026433 239223.23
5.38 33552142210 165139.99
5.56 41815446860 158613.44
5.95 37835835659 119723.18

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091319\
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Acq On : 13 Sep 2019 19:12
Operator : SM\AJ
Sample : K4891-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

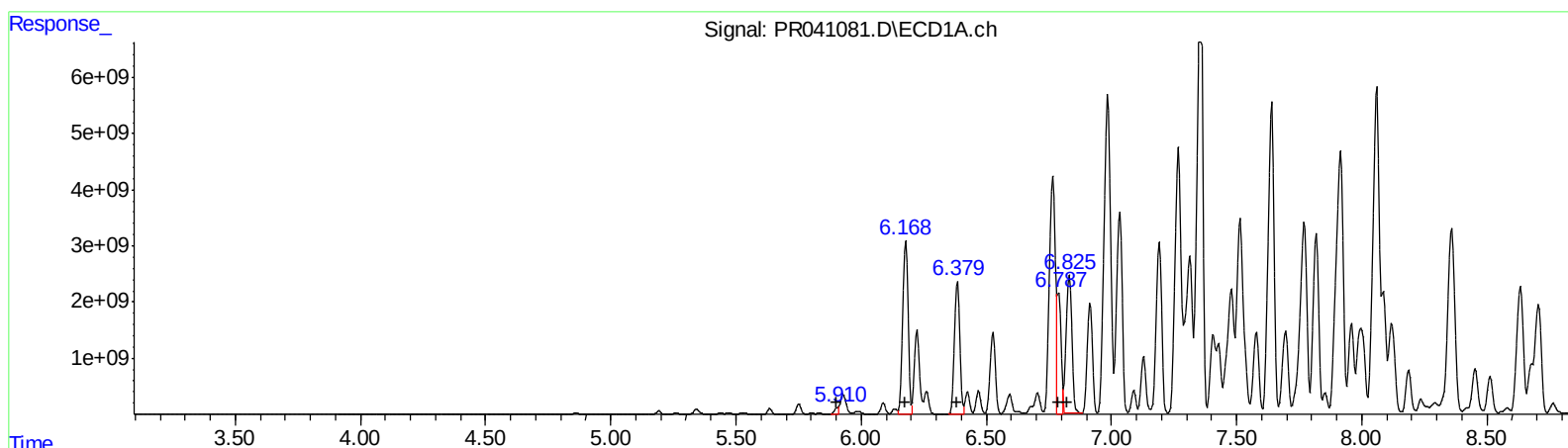
Instrument :
ECD_R
ClientSampleId :
C0AS9MSD

Manual Integrations
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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 (L5)
R.T. Response Conc
5.91 1217729764 20796.42
6.18 40123851001 481141.94
6.38 34467951920 365350.74
6.79 25490489124 218111.76
6.83 38143624330 347819.85

(21) AR-1248-1 #2 (L5)
R.T. Response Conc
5.09 2085019118 15049.47
5.34 47054026433 239223.23
5.38 33552142210 165139.99
5.56 41815446860 158613.44
5.95 37835835659 119723.18

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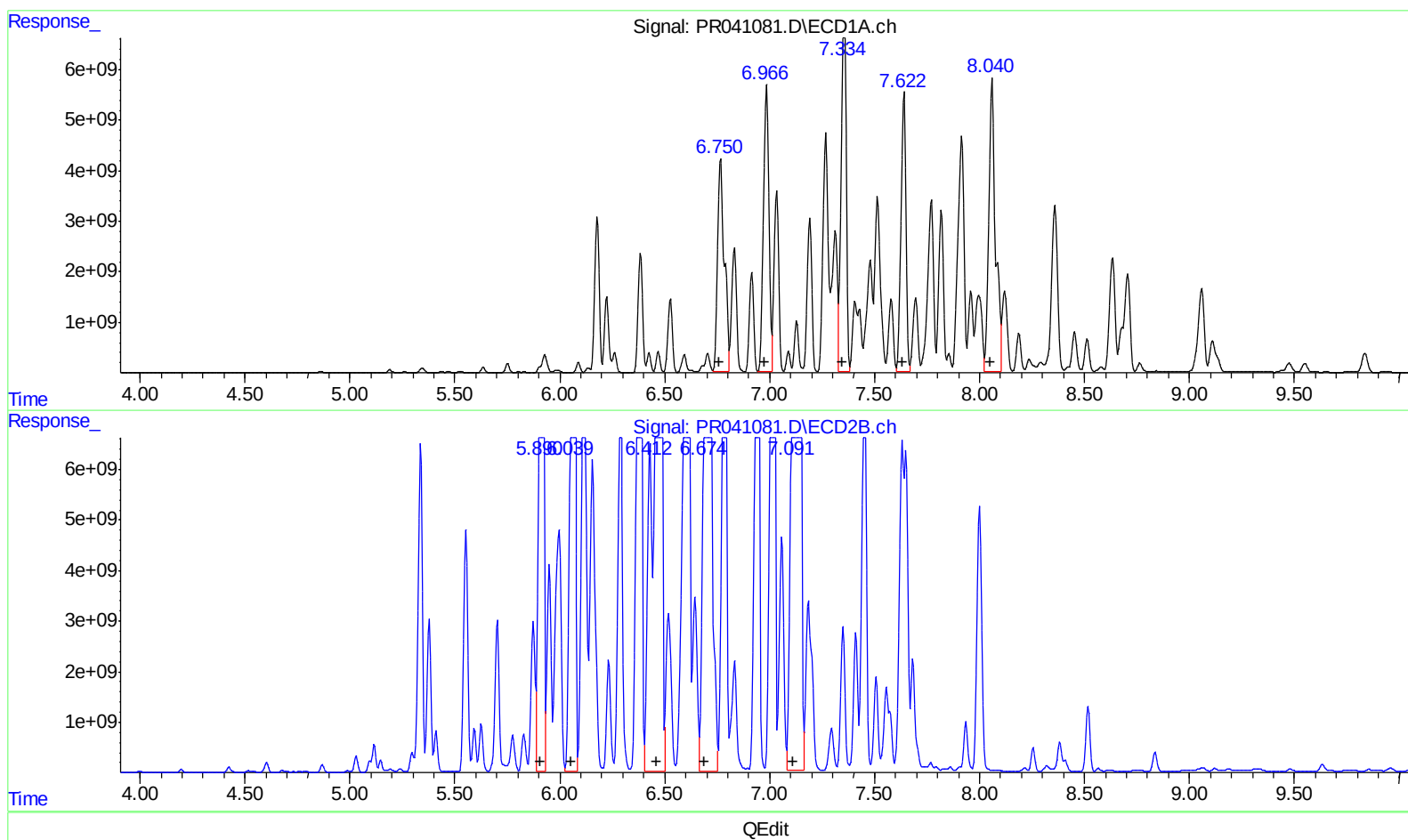
Instrument :
 ECD_R
 ClientSampleId :
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 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(26) AR-1254-1 (L6)
 R.T. Response Conc
 6.78 72940129796 595052.15
 6.99 59511660124 310827.95
 7.36 55740235937 257571.92
 7.64 53414560067 327898.71
 8.07 83725718218 458367.78

(26) AR-1254-1 #2 (L6)
 R.T. Response Conc
 5.92 57127867980 119323.92
 6.07 58659246761 132843.32
 6.48 1.1189e+011 148737.98
 6.72 99575671632 190425.99
 7.14 94137438909 147343.02

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

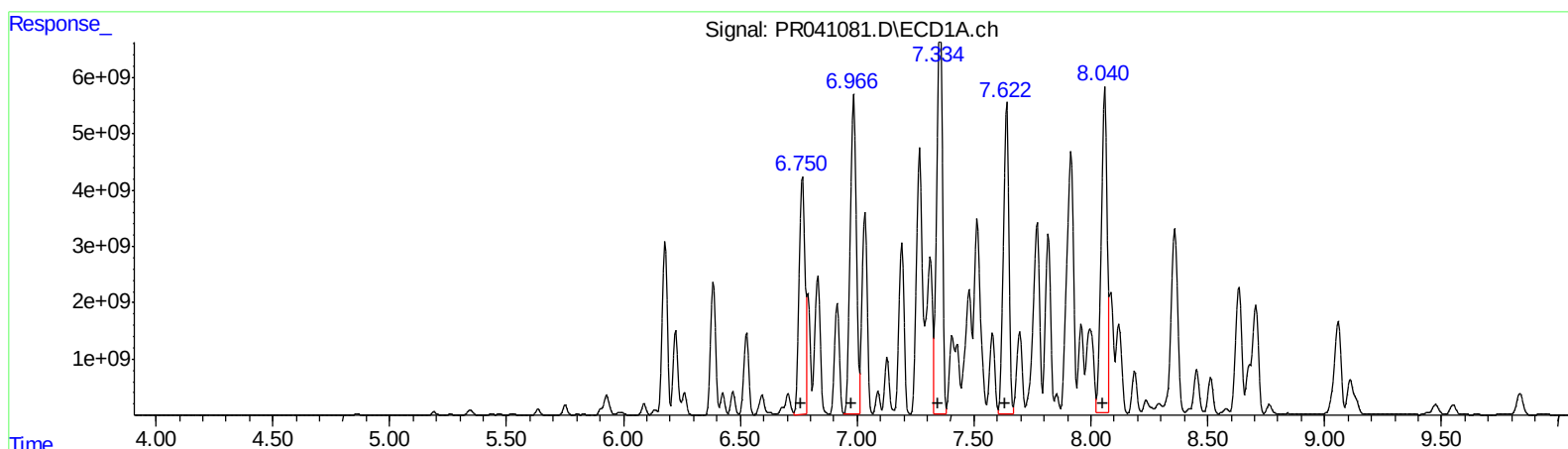
Instrument :
 ECD_R
 ClientSampleId :
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Volume Inj. : 1 µl
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 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(26) AR-1254-1 (L6)
 R.T. Response Conc
 6.75 48319642954 394196.00
 6.99 59511660124 310827.95
 7.36 55740235937 257571.92
 7.64 53414560067 327898.71
 8.04 57492869651 314752.50

(26) AR-1254-1 #2 (L6)
 R.T. Response Conc
 5.92 57127867980 119323.92
 6.07 58659246761 132843.32
 6.48 1.1189e+011 148737.98
 6.72 99575671632 190425.99
 7.14 94137438909 147343.02

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 Sample : K4891-04MSD
 Misc :
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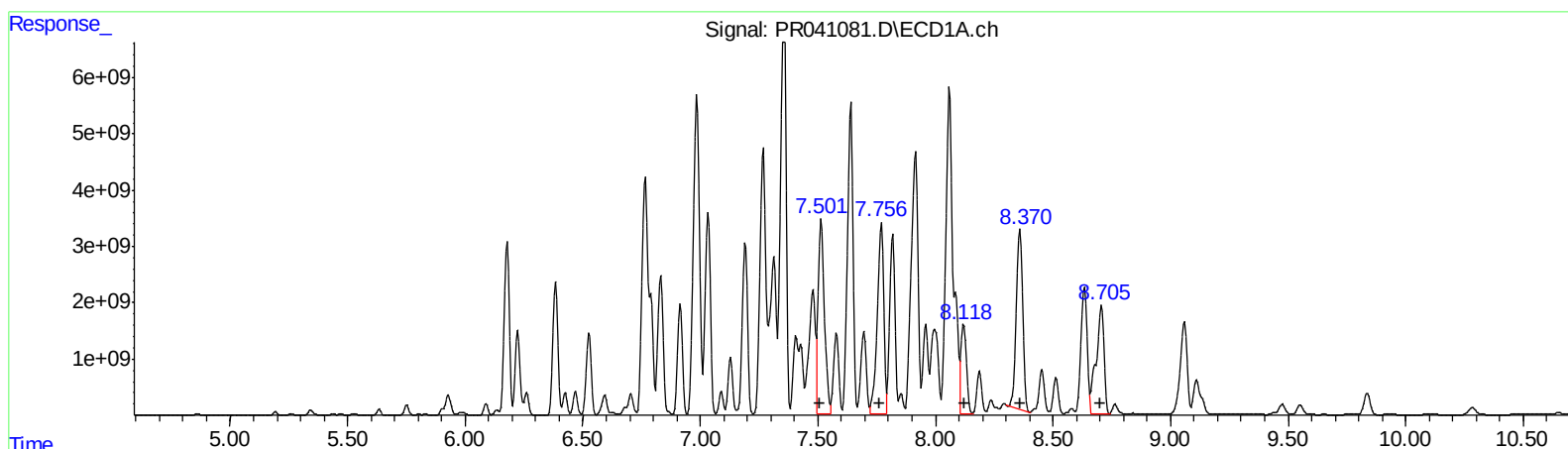
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(31) AR-1260-1 (L7)
 R.T. Response Conc
 7.52 53141515939 344241.50
 7.77 53861352540 292777.84
 8.12 26501435185 190893.32
 8.36 50229898488 308919.93
 8.71 44904544815 131367.48

(31) AR-1260-1 #2 (L7)
 R.T. Response Conc
 6.61 1.19476e+011 234521.91
 6.78 56686429182 89169.53
 6.94 56485696506 97937.14
 7.41 33519589396 67892.78
 7.65 1.07383e+011 82534.44

(+) = Expected Retention Time

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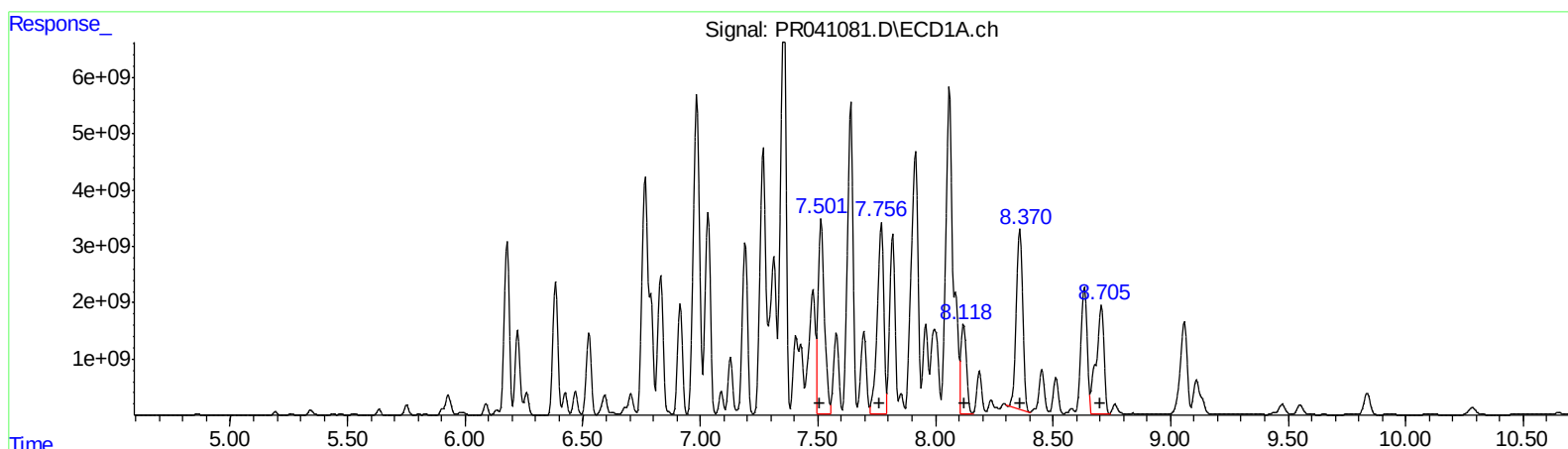
Instrument :
ECD_R
ClientSampled :
C0AS9MSD

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7.52 53141515939 344241.50
7.77 53861352540 292777.84
8.12 26501435185 190893.32
8.36 50229898488 308919.93
8.71 44904544815 131367.48

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
6.57 79087604176 155242.13
6.78 56686429182 89169.53
6.94 56485696506 97937.14
7.41 33519589396 67892.78
7.61 76397425538 58719.10

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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	89874929	318.4E6	29.244	23.914
2) SA Decachlor...	10.647	9.119	610.9E6	761.3E6	219.497	77.895m#
Target Compounds						
3) L1 AR-1016-1	5.904	5.094	977.4E6	2085.0E6	8668.342m	7877.392
4) L1 AR-1016-2	5.927	5.115	5595.6E6	6433.8E6	35166.316m	17529.812 #
5) L1 AR-1016-3	5.991	5.295	915.4E6	4443.0E6	9769.956	21868.582 #
6) L1 AR-1016-4	6.088	5.345	2582.6E6	47054.0E6	33094.279	288118.110 #
7) L1 AR-1016-5	6.385	5.558	34468.0E6	41815.4E6	442171.473	179924.179 #
21) L5 AR-1248-1	5.910	5.094	1217.7E6	2085.0E6	20796.419m	15049.469 #
22) L5 AR-1248-2	6.182	5.345	40123.9E6	47054.0E6	481141.945	239223.227 #
23) L5 AR-1248-3	6.385	5.380	34468.0E6	33552.1E6	365350.736	165139.986 #
24) L5 AR-1248-4	6.787	5.558	25490.5E6	41815.4E6	218111.760m	158613.444 #
25) L5 AR-1248-5	6.831	5.952	38143.6E6	37835.8E6	347819.851	119723.177 #
26) L6 AR-1254-1	6.750	5.925	48319.6E6	57127.9E6	394196.001m	119323.922 #
27) L6 AR-1254-2	6.993	6.072	59511.7E6	58659.2E6	310827.953	132843.317 #
28) L6 AR-1254-3	7.362	6.485	55740.2E6	111890.3E6	257571.925	148737.977 #
29) L6 AR-1254-4	7.645	6.725f	53414.6E6	99575.7E6	327898.705	190425.987 #
30) L6 AR-1254-5	8.040	7.142	57492.9E6	94137.4E6	314752.499m	147343.017 #
31) L7 AR-1260-1	7.517	6.572	53141.5E6	79087.6E6	344241.502	155242.129m#
32) L7 AR-1260-2	7.773	6.785	53861.4E6	56686.4E6	292777.844	89169.534 #
33) L7 AR-1260-3	8.119	6.942	26501.4E6	56485.7E6	190893.318	97937.141 #
34) L7 AR-1260-4	8.363	7.410	50229.9E6	33519.6E6	308919.929	67892.783 #
35) L7 AR-1260-5	8.705	7.613f	44904.5E6	76397.4E6	131367.482	58719.103m#

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

A.J
 09/14/19