

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062921\
Data File : PR051098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2021 15:40
Operator : DD\AJ
Sample : M2808-20MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

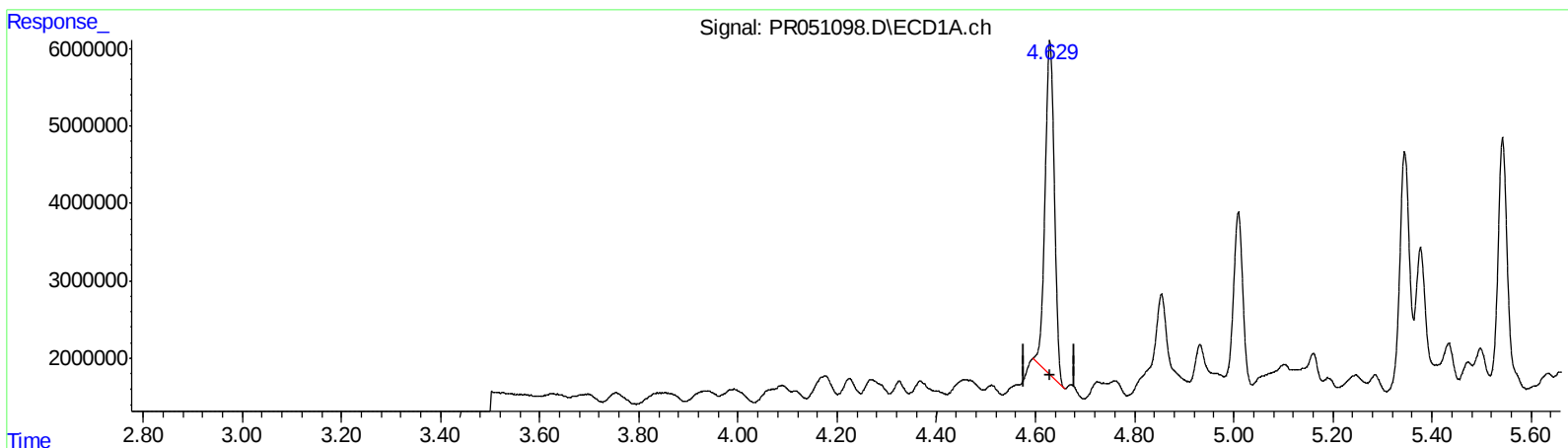
Instrument :
ECD_R
ClientSampleId :
BGDX3MS

Manual Integrations
APPROVED

mohammad
6/30/2021 2:05:20 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 30 03:47:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR062821CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 29 05:37:58 2021
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



(1) Tetrachloro-m-xylene (SA)

4.629min 7.699 ng/ml

response 55851363

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

3.811min 9.987 ng/ml

response 64174254

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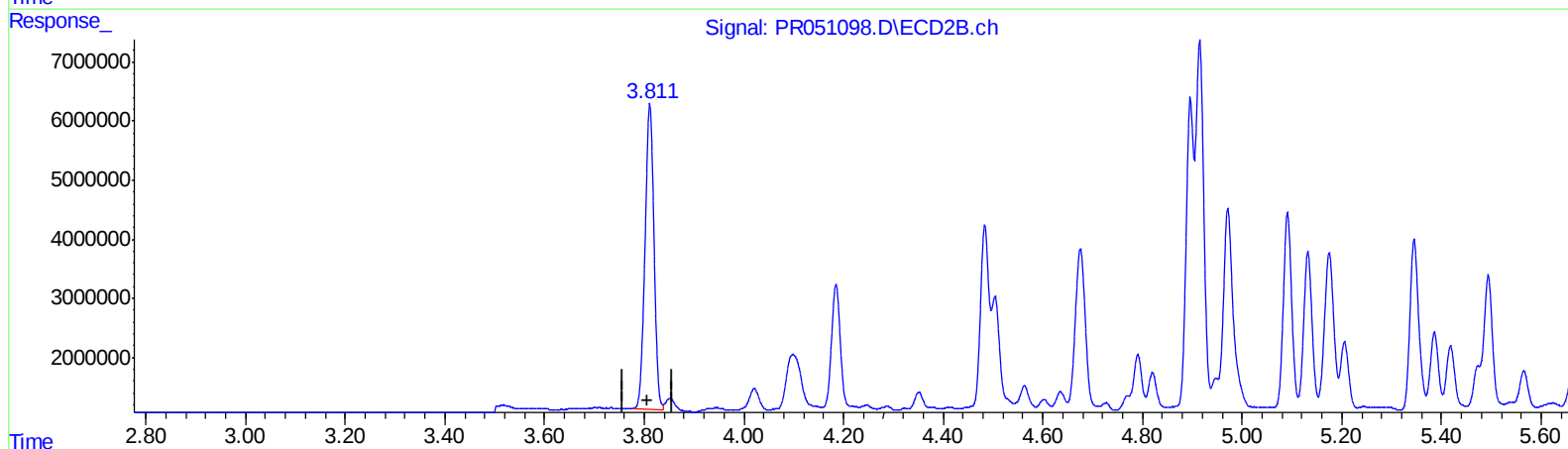
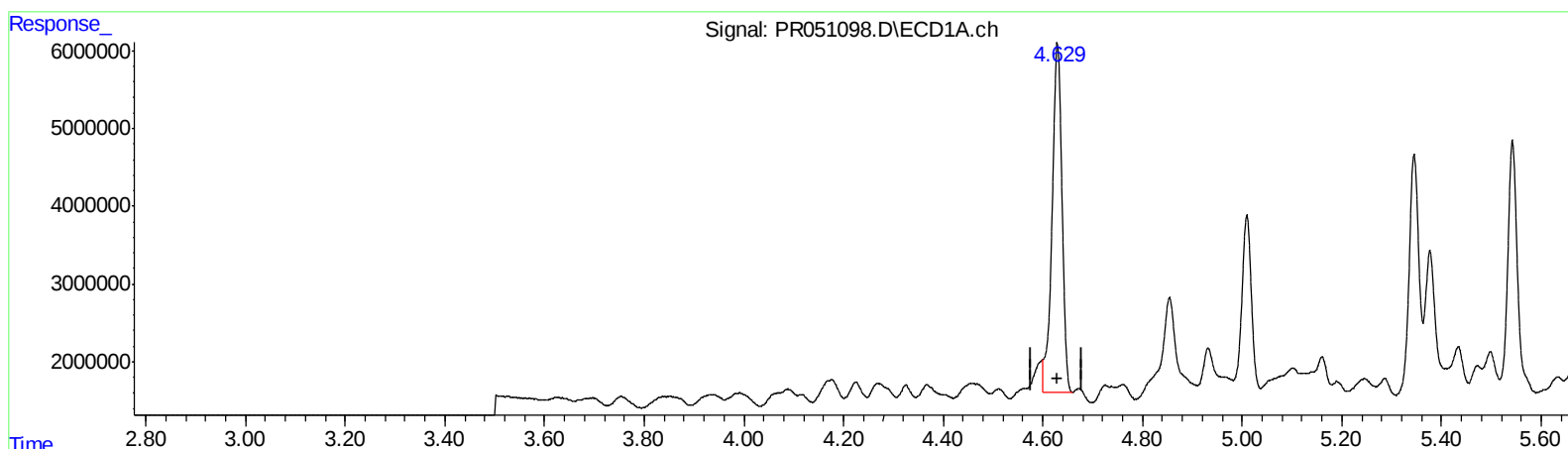
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QEdit

(1) Tetrachloro-m-xylene (SA)

4.629min 8.551 ng/ml m

response 62036912

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

3.811min 9.987 ng/ml

response 64174254

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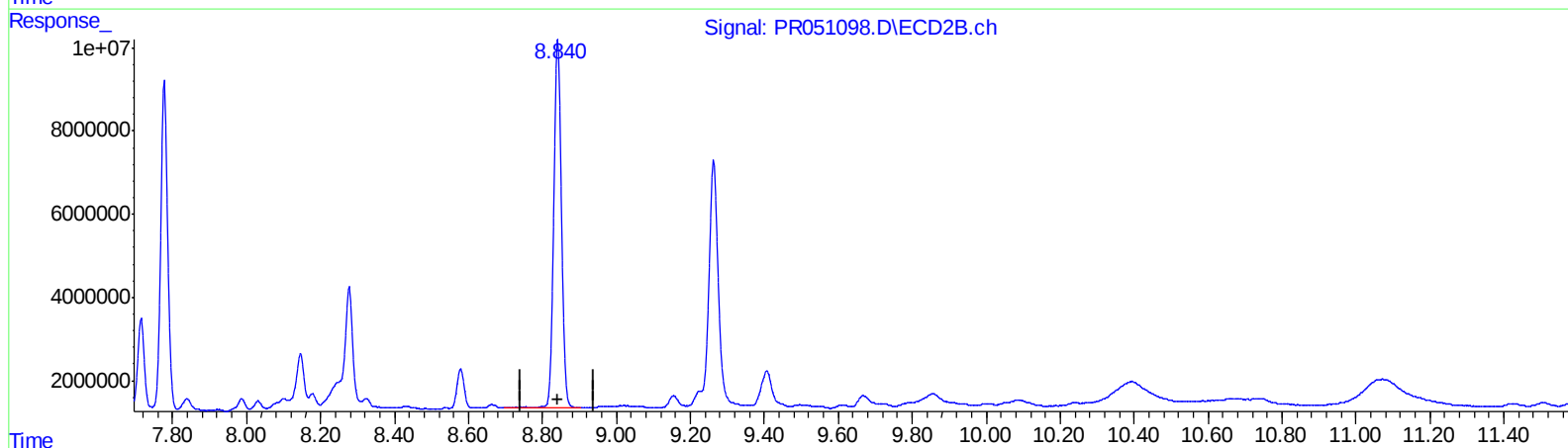
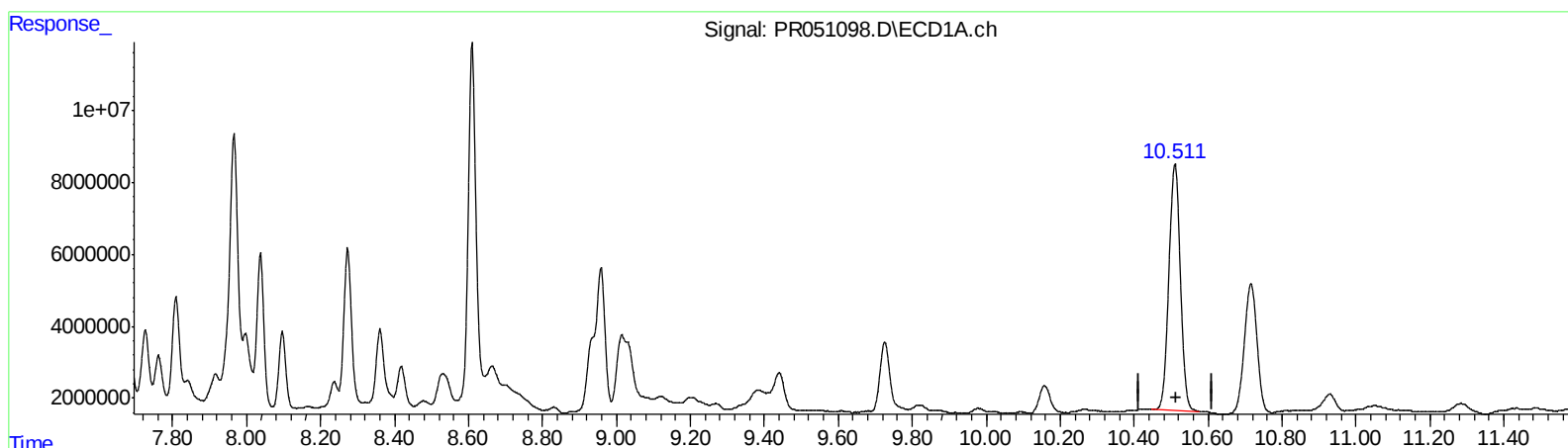
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QEdit

(2) Decachlorobiphenyl (SA)

10.511min 21.691 ng/ml

response 146859187

(2) Decachlorobiphenyl #2 (SA)

8.841min 19.572 ng/ml

response 128769960

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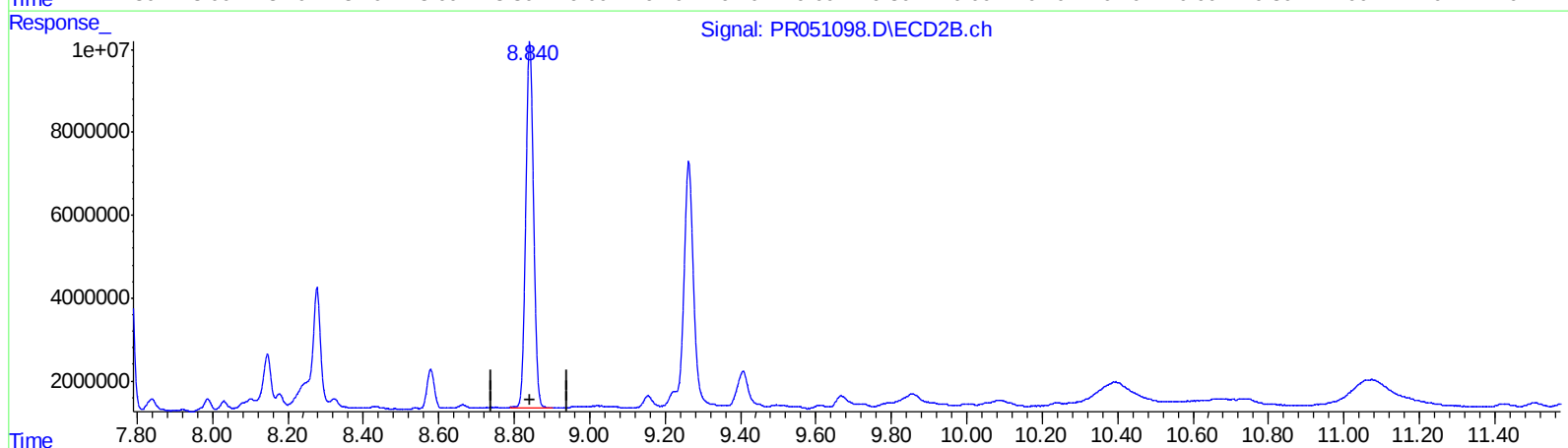
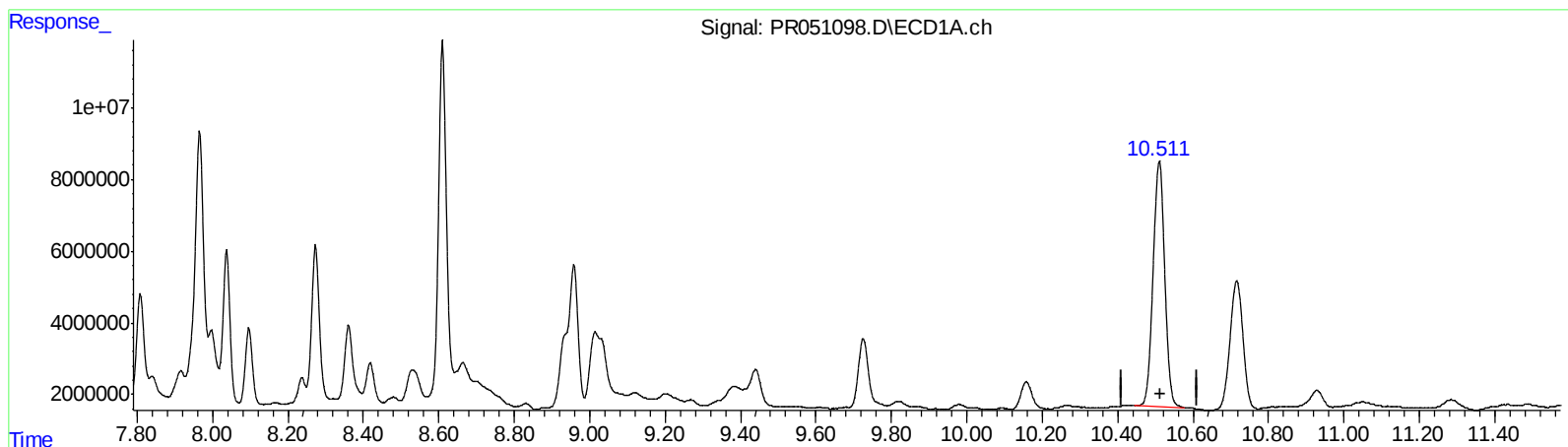
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QEdit

(2) Decachlorobiphenyl (SA)

10.511min 21.691 ng/ml

response 146859187

(2) Decachlorobiphenyl #2 (SA)

8.840min 19.426 ng/ml m

response 127807477

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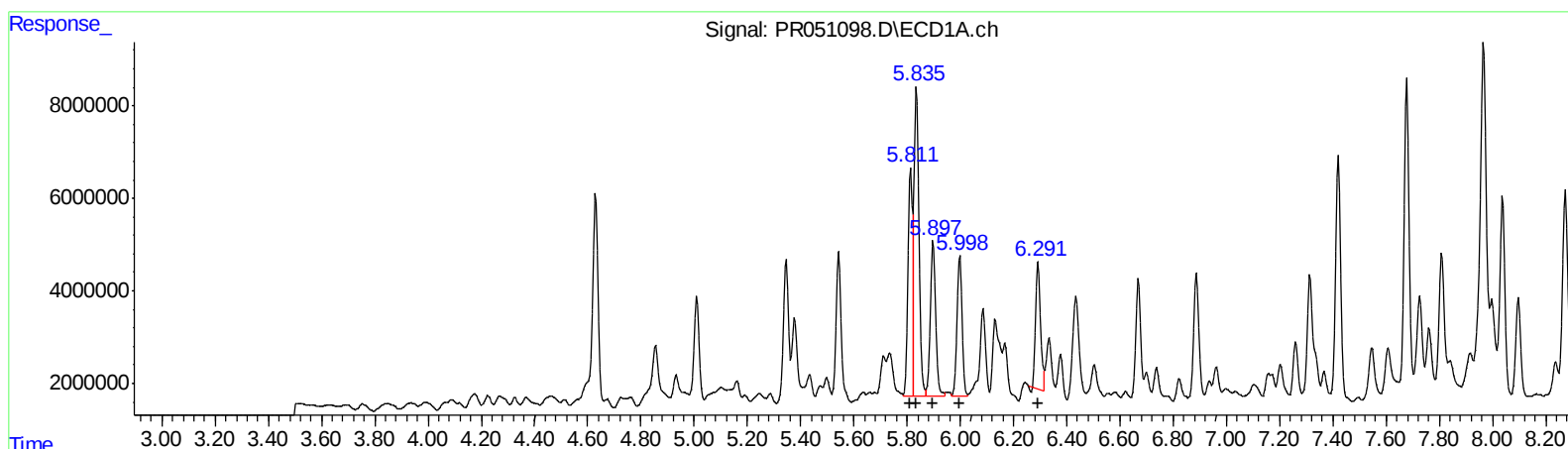
Instrument :
 ECD_R
 ClientSampleId :
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 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(3) AR-1016-1 (L1)

R.T.	Response	Conc
5.81	54489131	182.58
5.83	89927479	206.41
5.90	46811015	184.14
6.00	39833069	188.34
6.29	35225994	171.87

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
4.90	52463380	227.93
4.91	69755091	196.01
5.09	37975123	206.86
5.13	30471298	205.11
5.35	35263193	182.21

(+) = Expected Retention Time

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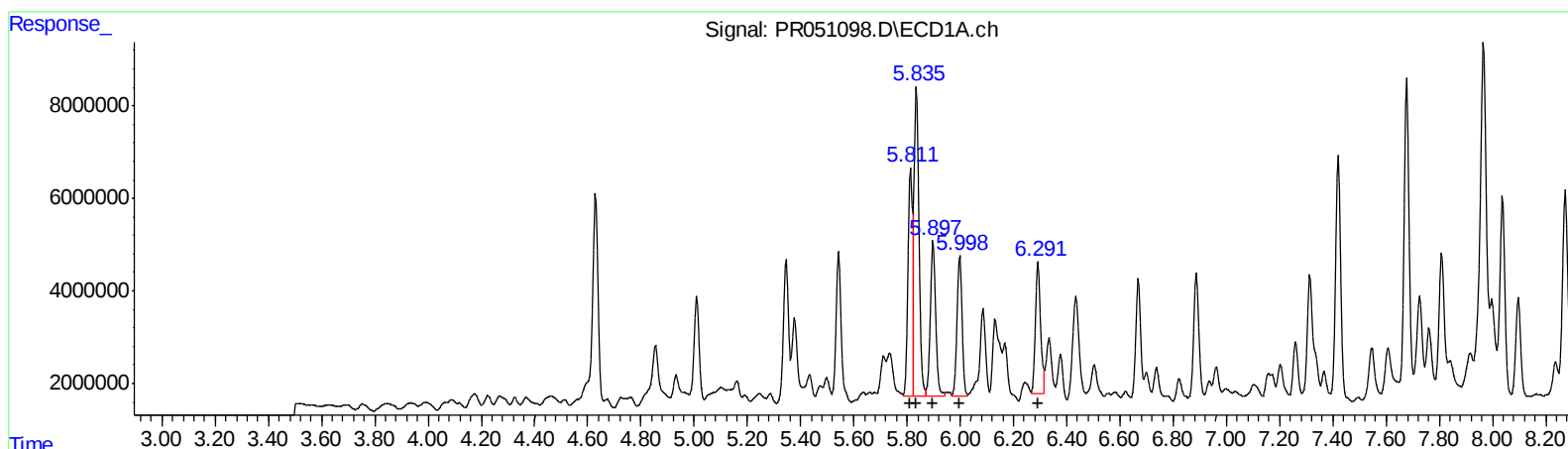
Instrument :
ECD_R
ClientSampleId :
BGDX3MS

Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
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(3) AR-1016-1 #2 (L1)
R.T. Response Conc
5.81 54489131 182.58
5.83 89927479 206.41
5.90 46811015 184.14
6.00 39833069 188.34
6.29 38906894 189.83

(3) AR-1016-1 #2 (L1)
R.T. Response Conc
4.90 52463380 227.93
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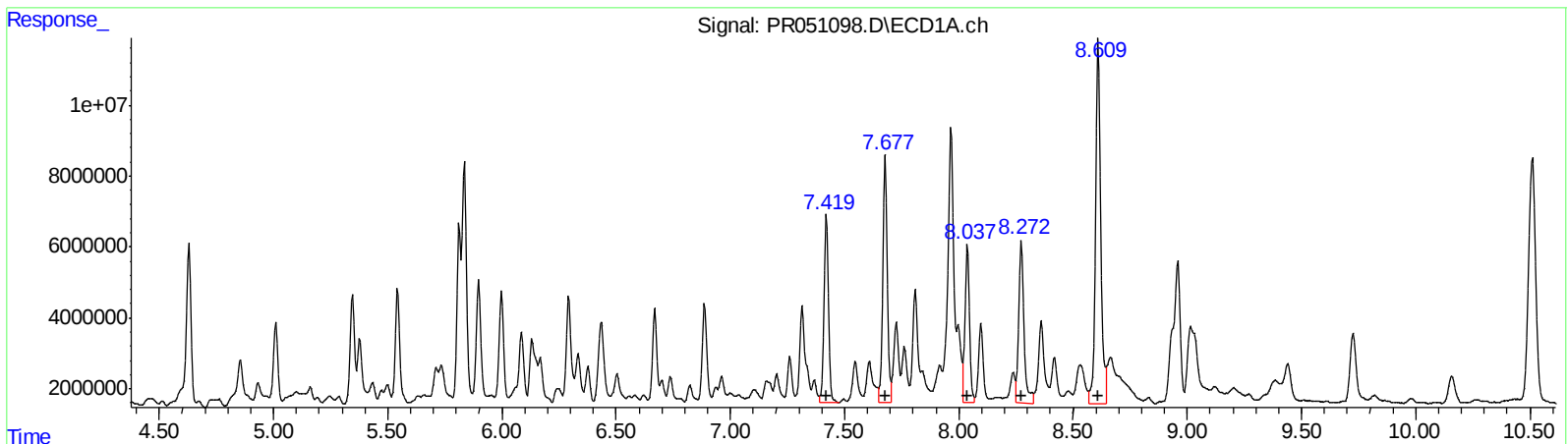
Instrument :
ECD_R
ClientSampleId :
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(31) AR-1260-1 (L7)
R.T. Response Conc
7.42 71828303 201.40
7.68 94613580 220.74
8.04 62116042 188.19
8.27 74106540 204.99
8.61 160896237 232.88

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
6.38 68524214 182.30
6.56 87481171 192.84
6.72 79116262 181.25
7.19 57057457 151.72
7.43 151534664 189.74

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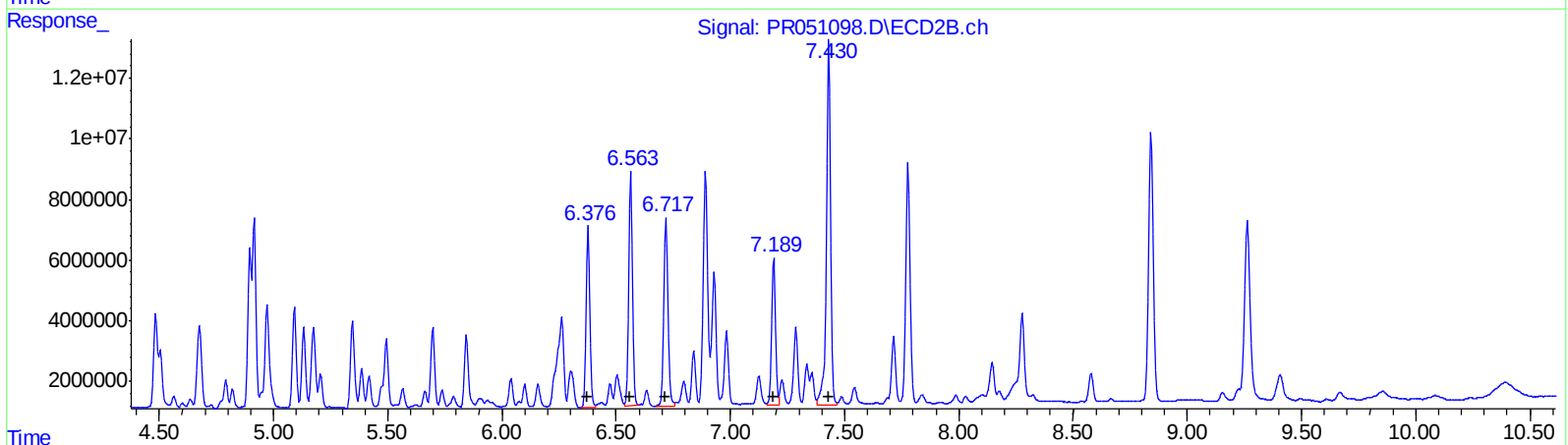
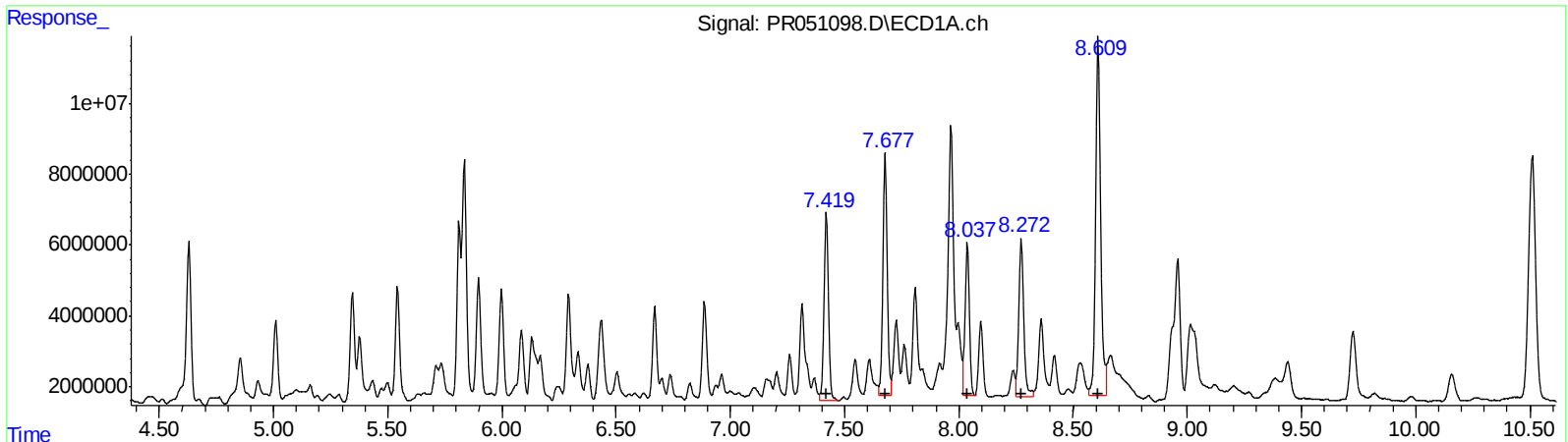
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Manual Integrations
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
7.42 71828303 201.40
7.68 89445967 208.68
8.04 57262908 173.48
8.27 67220108 185.94
8.61 152410386 220.60

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
6.38 68524214 182.30
6.56 87481171 192.84
6.72 79116262 181.25
7.19 57057457 151.72
7.43 151534664 189.74

Quantitation Report (QT Reviewed)

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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampled :
 BGDX3MS

Manual Integrations
 APPROVED

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.629	3.811	62036912	64174254	8.551m	9.987
2) SA Decachlor...	10.511	8.840	146.9E6	127.8E6	21.691	19.426m
Target Compounds						
3) L1 AR-1016-1	5.812	4.896	54489131	52463380	182.583	227.930
4) L1 AR-1016-2	5.835	4.915	89927479	69755091	206.410	196.007
5) L1 AR-1016-3	5.897	5.091	46811015	37975123	184.145	206.865
6) L1 AR-1016-4	5.998	5.132	39833069	30471298	188.336	205.114
7) L1 AR-1016-5	6.291	5.345	38906894	35263193	189.827m	182.207
31) L7 AR-1260-1	7.420	6.377	71828303	68524214	201.395	182.301
32) L7 AR-1260-2	7.677	6.563	89445967	87481171	208.680m	192.837
33) L7 AR-1260-3	8.037	6.717	57262908	79116262	173.484m	181.255
34) L7 AR-1260-4	8.272	7.189	67220108	57057457	185.938m	151.717
35) L7 AR-1260-5	8.609	7.430	152.4E6	151.5E6	220.600m	189.742

AJ 07/06/21

AJ 07/06/21

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