

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042921\
Data File : PQ053291.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2021 17:00
Operator : DD\AJ
Sample : M2177-23
Misc :
ALS Vial : 30 Sample Multiplier: 1

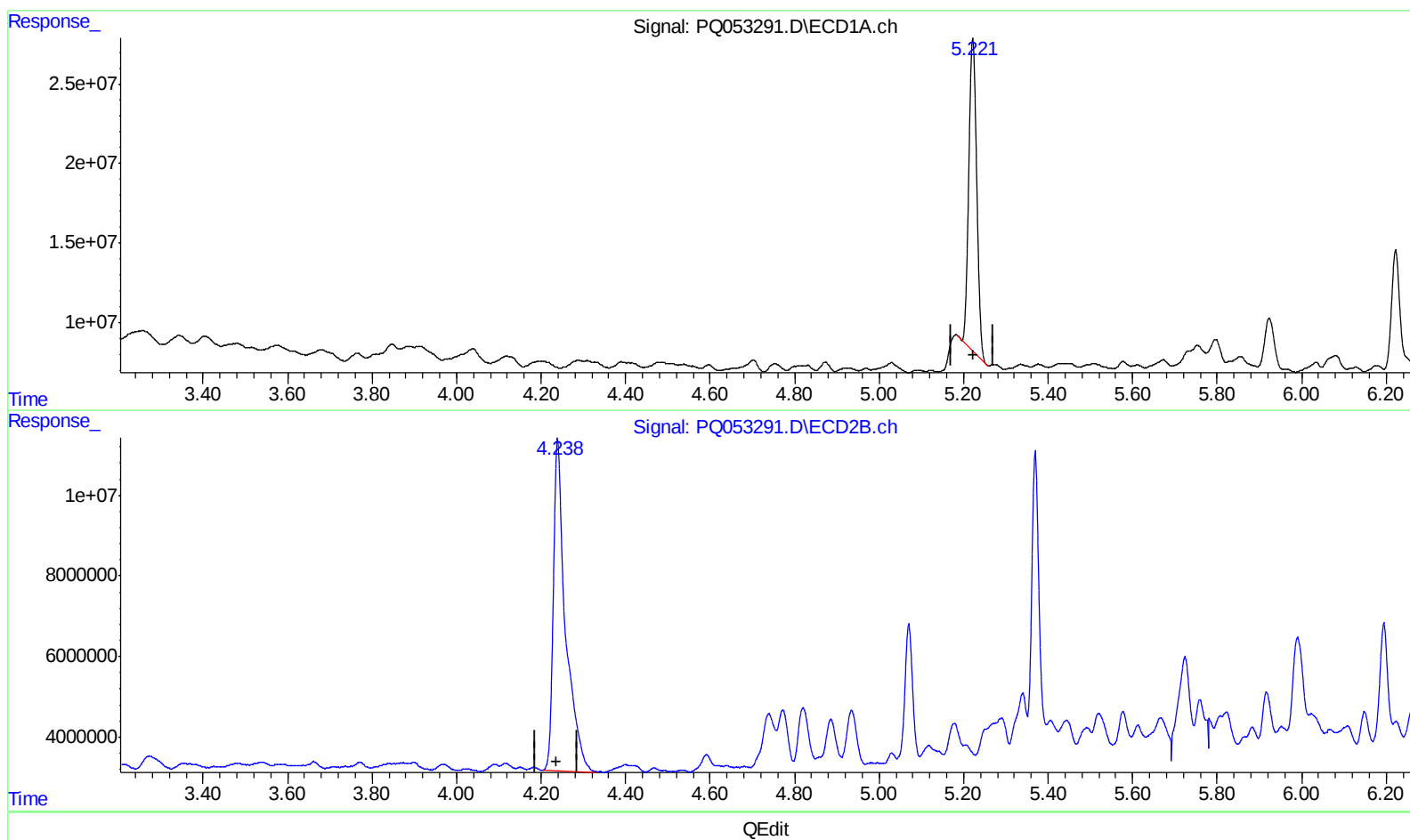
Instrument :
ECD_Q
ClientSampled :
BG594

Manual Integrations
APPROVED

Ankita
5/3/2021 1:15:20 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 01:15:12 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 21 07:47:07 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)

5.222min 9.101 ng/ml

response 255361235

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

4.239min 14.143 ng/ml

response 164464099

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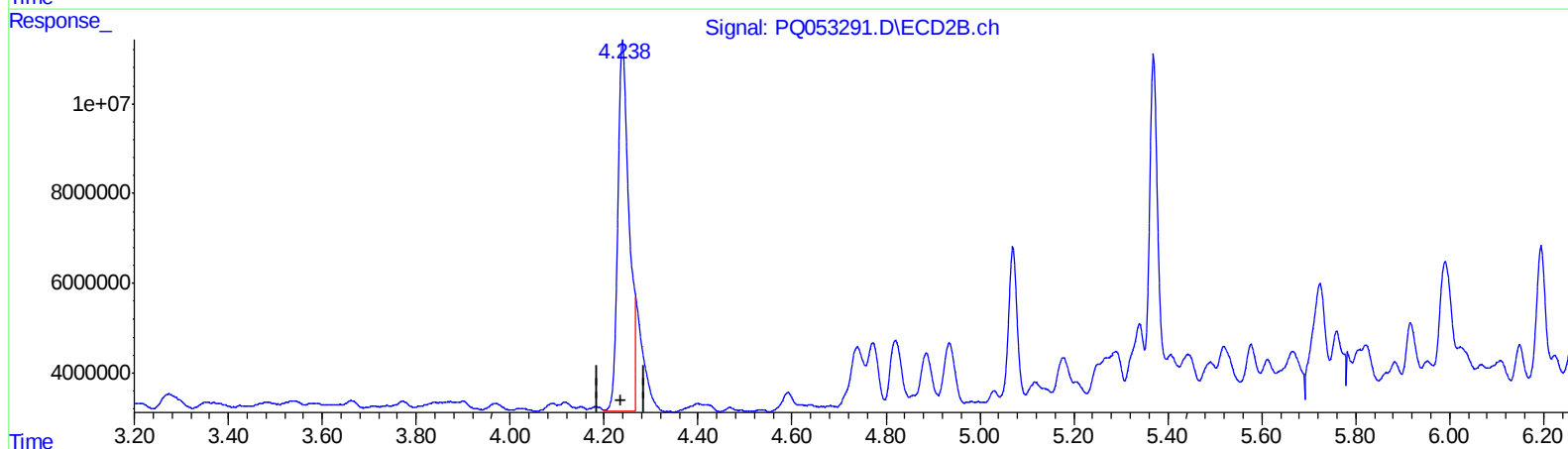
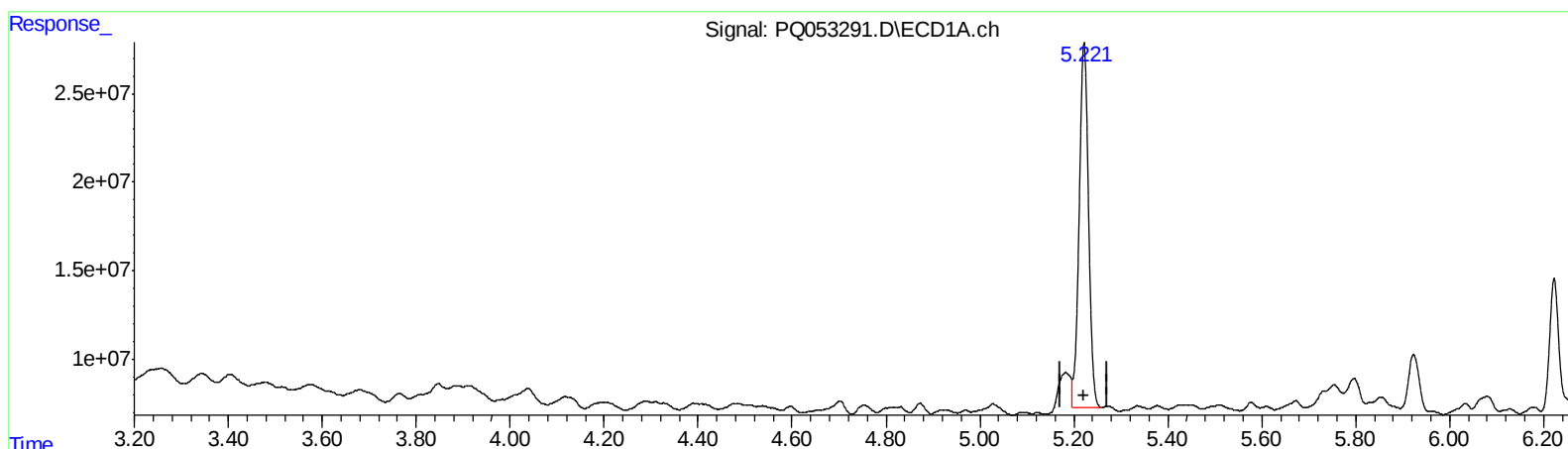
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QEdit

(1) Tetrachloro-m-xylene (SA)

5.221min 10.182 ng/ml m

response 285707372

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

4.238min 11.840 ng/ml m

response 137681049

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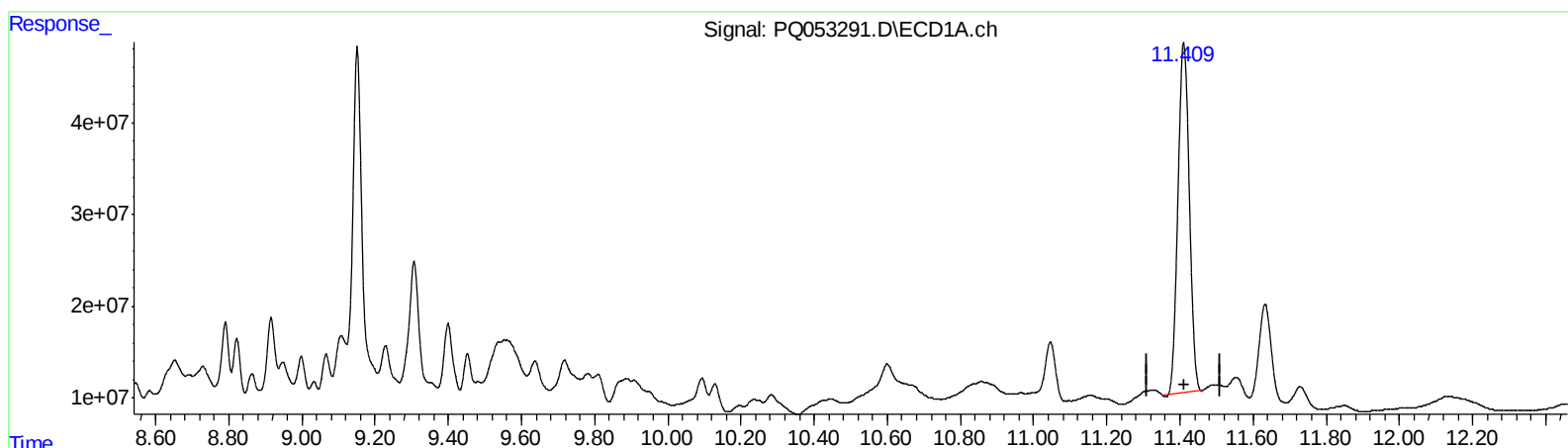
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(2) Decachlorobiphenyl (SA)

11.410min 28.921 ng/ml

response 817945500

(2) Decachlorobiphenyl #2 (SA)

9.578min 24.351 ng/ml

response 303079307

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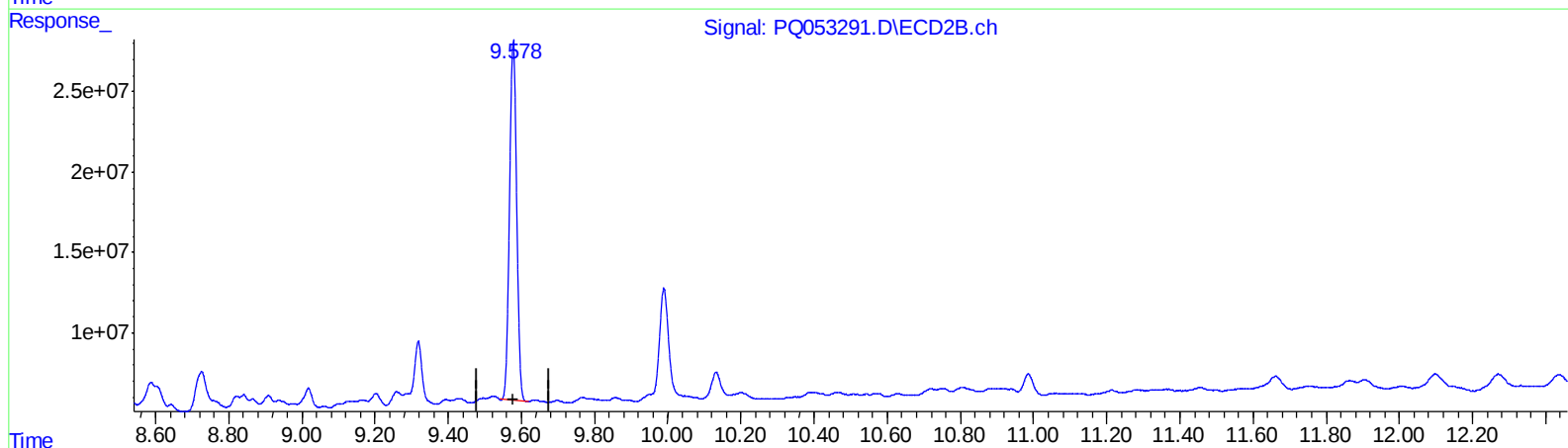
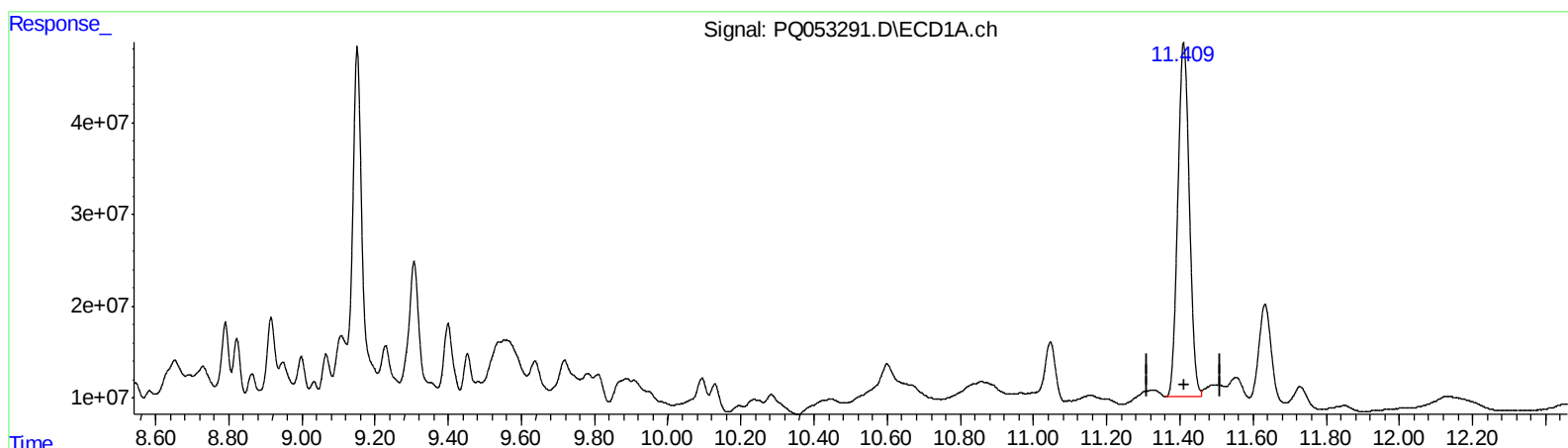
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(2) Decachlorobiphenyl (SA)

11.409min 29.901 ng/ml m

response 845668579

(2) Decachlorobiphenyl #2 (SA)

9.578min 24.351 ng/ml

response 303079307

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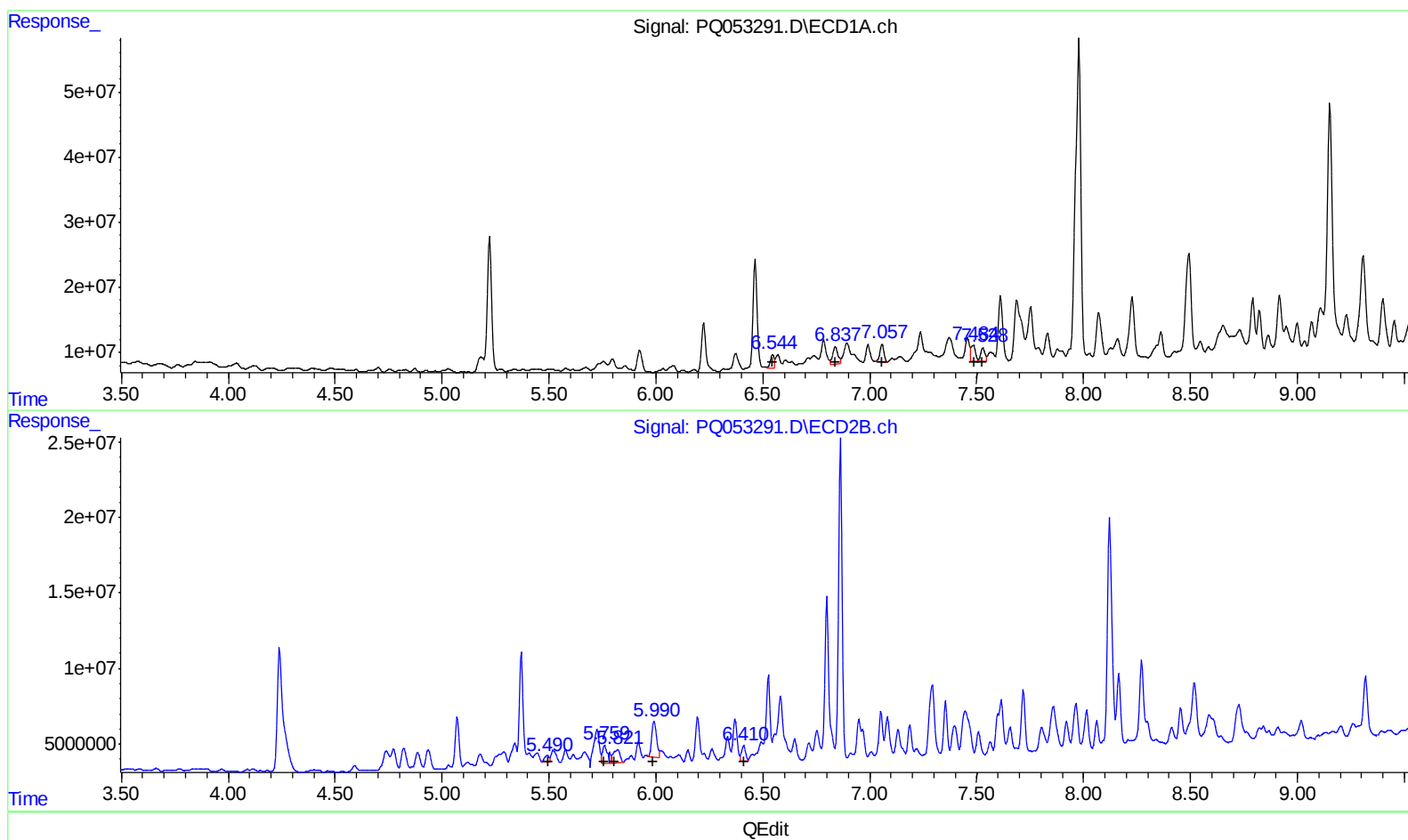
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(21) AR-1248-1 (L5)

R.T.	Response	Conc
6.54	27849992	45.01
6.84	45684191	52.38
7.06	34642460	35.34
7.48	32486637	28.43
7.53	27619933	24.24

(21) AR-1248-1 #2 (L5)

R.T.	Response	Conc
5.49	6115207	22.45
5.76	24179597	65.03
5.82	19283800	50.51
5.99	37424893	80.05
6.41	13500608	27.44

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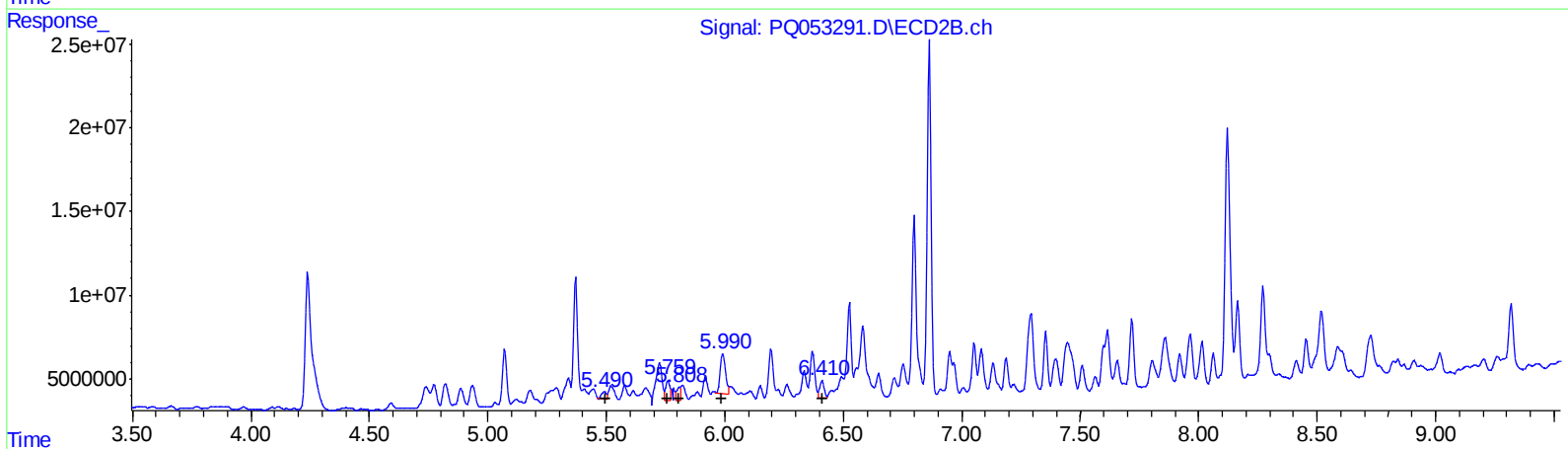
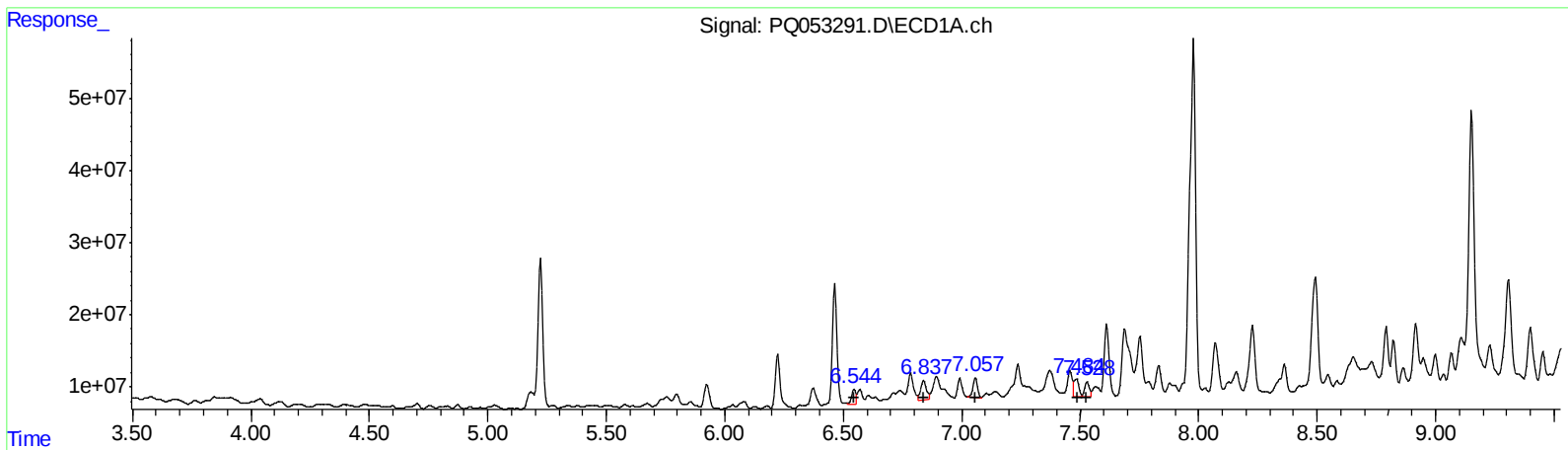
Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations
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Volume Inj. : 1 µl
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6.84	45684191	52.38
7.06	34642460	35.34
7.48	32486637	28.43
7.53	27619933	24.24

(21) AR-1248-1 #2 (L5)

R.T.	Response	Conc
5.49	6115207	22.45
5.76	15514611	41.73
5.81	9404382	24.63
5.99	37424893	80.05
6.41	13500608	27.44

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 ALS Vial : 30 Sample Multiplier: 1

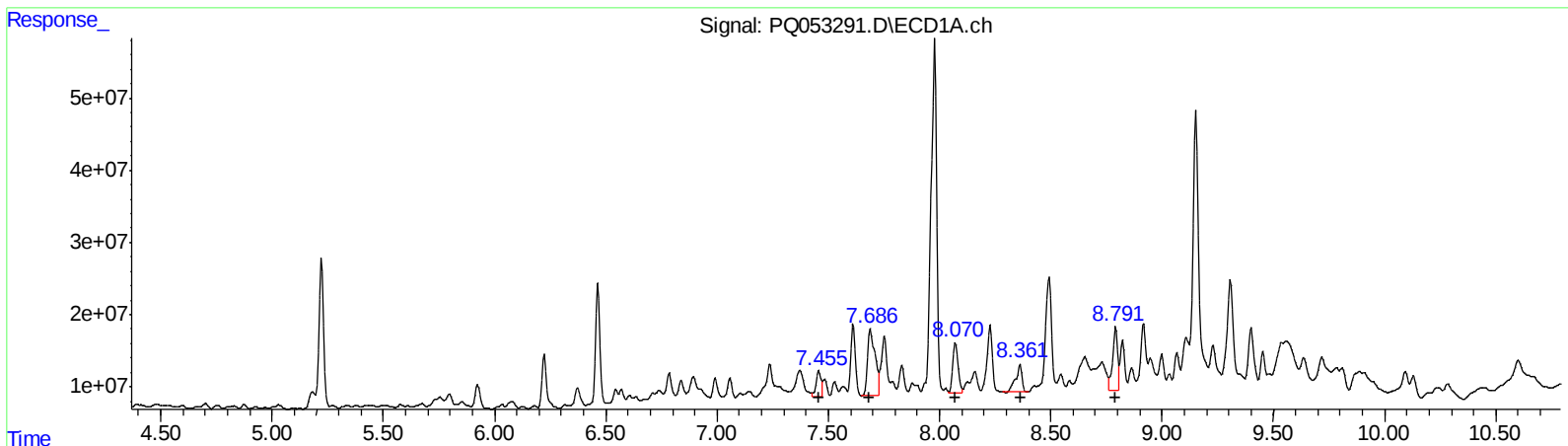
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(26) AR-1254-1 (L6)
 R.T. Response Conc
 7.46 54186885 34.47
 7.69 214948724 87.80
 8.07 117714480 44.73
 8.36 70496661 36.63
 8.79 137801561 67.36

(26) AR-1254-1 #2 (L6)
 R.T. Response Conc
 6.37 38054475 35.49
 6.53 74666265 78.28
 6.95 31835553 20.55
 7.19 24735360 23.62
 7.61 71642846 49.10

QEdit

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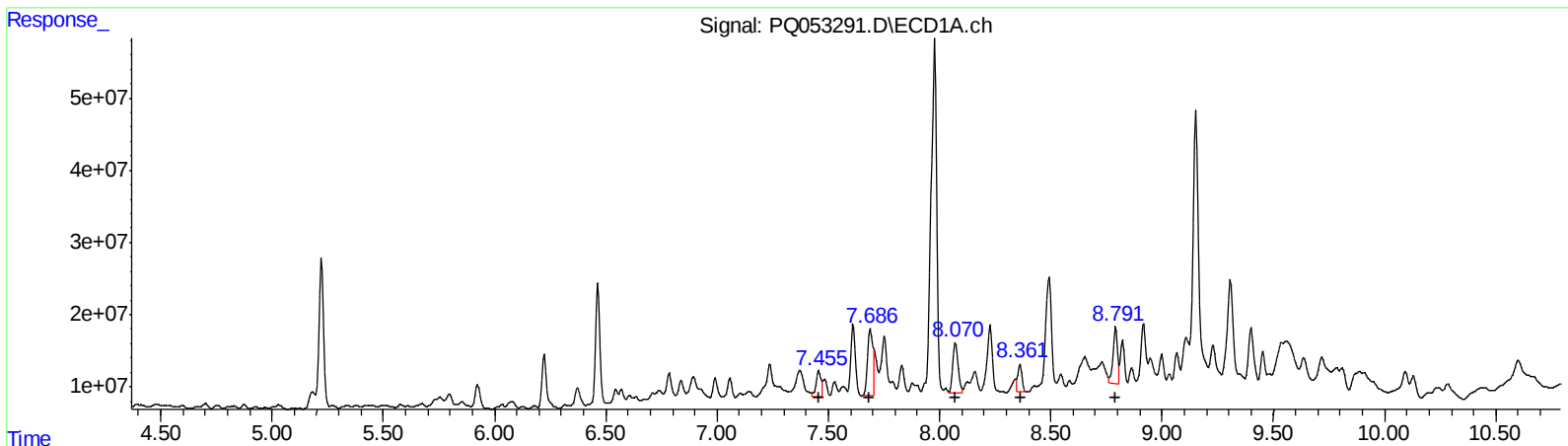
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7.46 54186885 34.47
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8.36 48807833 25.36
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R.T. Response Conc
6.37 38054475 35.49
6.53 74666265 78.28
6.95 31835553 20.55
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7.61 47482352 32.54

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

System Monitoring Compounds						
1) SA Tetrachlo...	5.221	4.238	285.7E6	137.7E6	10.182m	11.840m
2) SA Decachlor...	11.409	9.578	845.7E6	303.1E6	29.901m	24.351
Target Compounds						
21) L5 AR-1248-1	6.545	5.491	27849992	6115207	45.008	22.452 #
22) L5 AR-1248-2	6.838	5.759	45684191	15514611	52.379	41.726m
23) L5 AR-1248-3	7.057	5.808	34642460	9404382	35.341	24.632m#
24) L5 AR-1248-4	7.483	5.990	32486637	37424893	28.429	80.055 #
25) L5 AR-1248-5	7.528	6.410	27619933	13500608	24.236	27.437
26) L6 AR-1254-1	7.456	6.370	54186885	38054475	34.469	35.491
27) L6 AR-1254-2	7.686	6.525	149.6E6	74666265	61.094m	78.280 #
28) L6 AR-1254-3	8.070	6.949	117.7E6	31835553	44.731	20.555 #
29) L6 AR-1254-4	8.361	7.187	48807833	24735360	25.361m	23.623
30) L6 AR-1254-5	8.791	7.614	109.2E6	47482352	53.393m	32.540m#

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