

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ033121\
Data File : PQ052757.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2021 10:32
Operator : DD\AJ
Sample : M1870-01DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

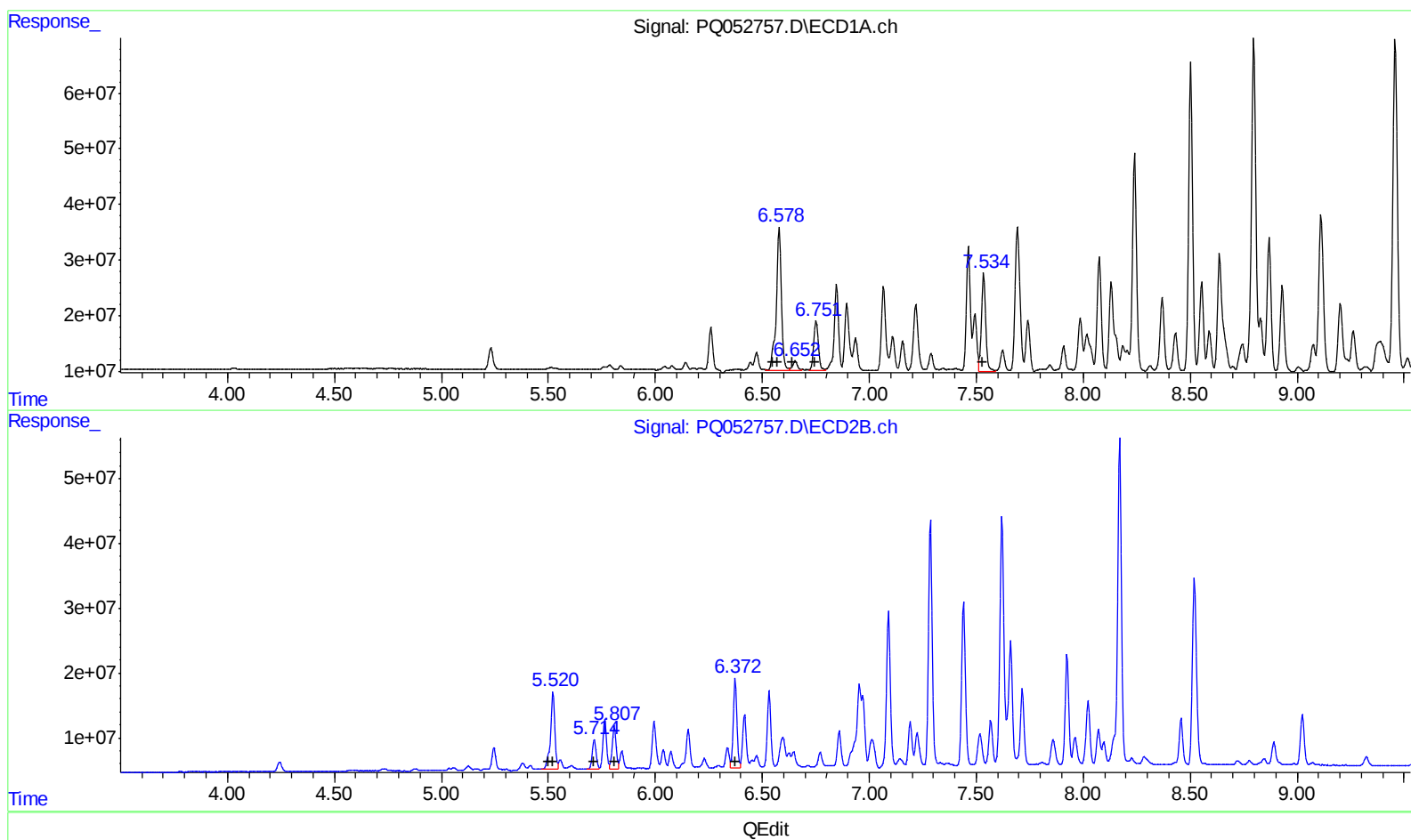
Instrument :
ECD_Q
ClientSampleId :
C0AY8DL

Manual Integrations
APPROVED

Ankita
4/2/2021 11:34:31 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 07:57:12 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 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



(16) AR-1242-1 (L4)
R.T. Response Conc
6.58 424628492 532.73
6.58 424628492 360.84
6.65 24179548 34.22
6.75 133717680 227.58
7.53 241453627 360.39

(16) AR-1242-1 #2 (L4)
R.T. Response Conc
5.52 167385284 473.92
5.52 167385284 334.07
5.71 57321199 220.54
5.81 84138037 342.69
6.37 162983587 469.11

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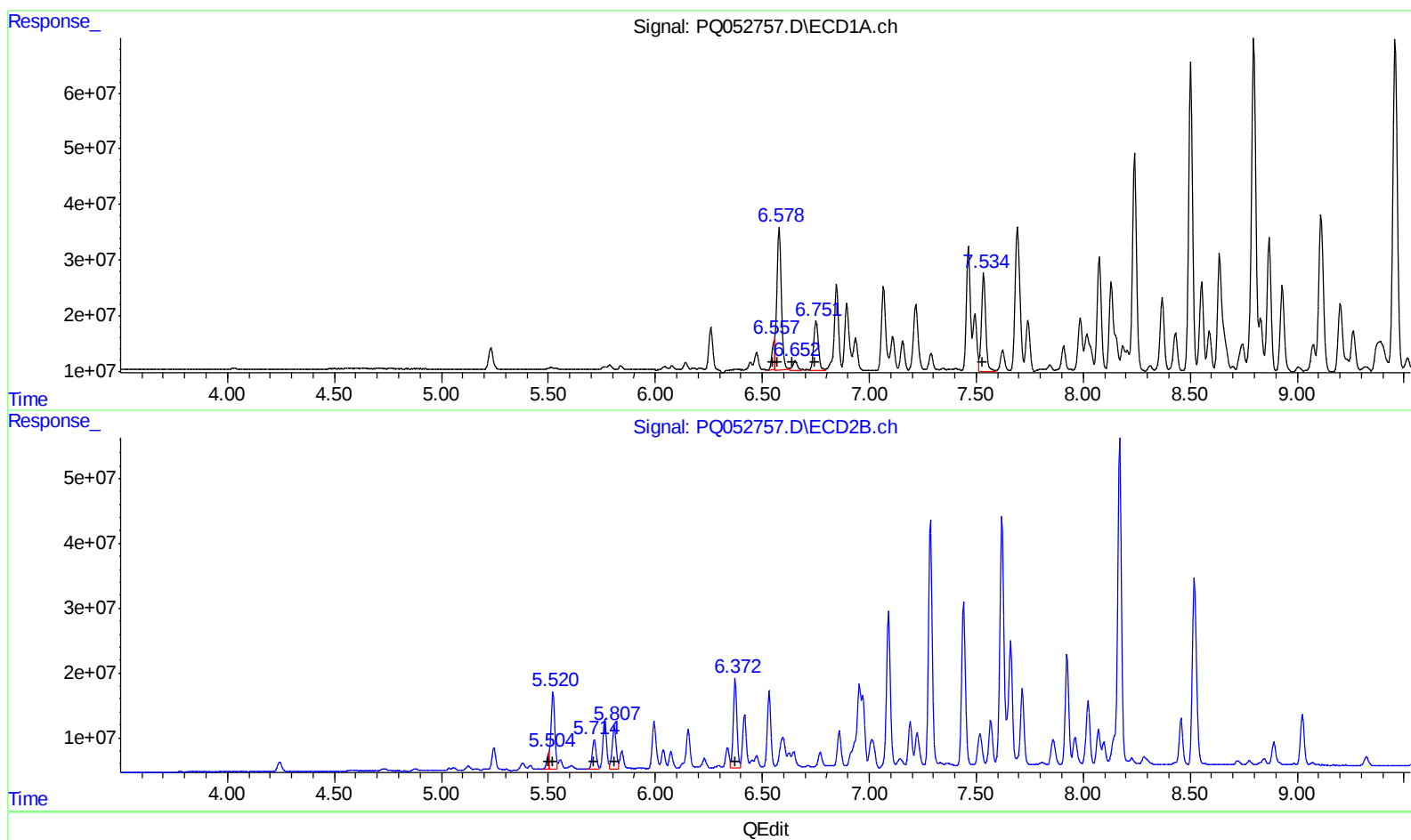
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(16) AR-1242-1 (L4)
R.T. Response Conc
6.56 43163307 54.15
6.58 378661033 321.78
6.65 24179548 34.22
6.75 133717680 227.58
7.53 241453627 360.39

(16) AR-1242-1 #2 (L4)
R.T. Response Conc
5.50 19617188 55.54
5.52 147309606 294.00
5.71 57321199 220.54
5.81 84138037 342.69
6.37 162983587 469.11

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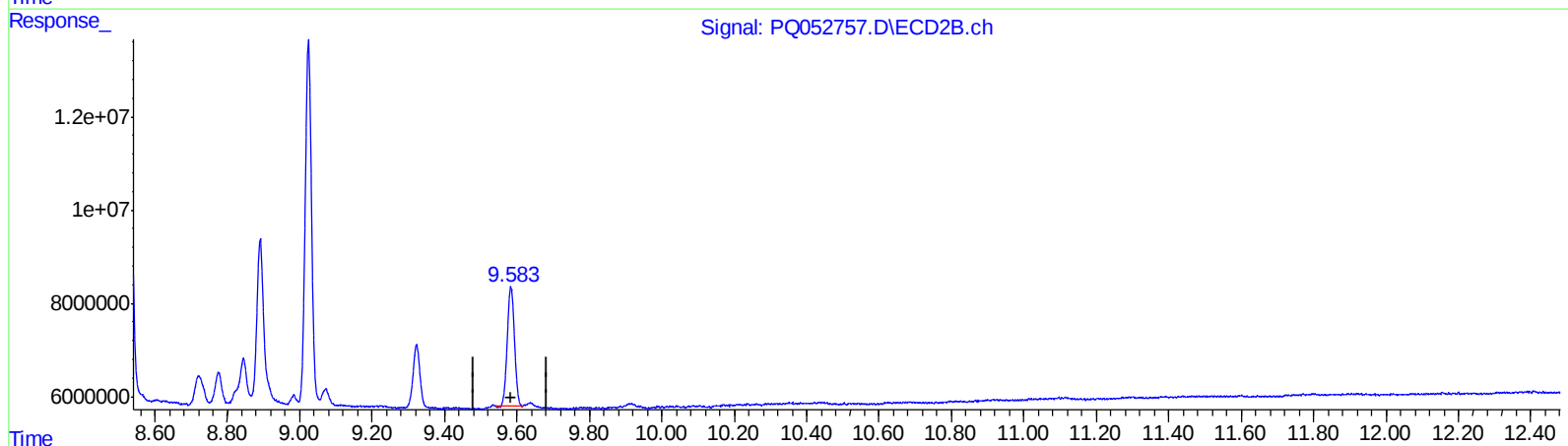
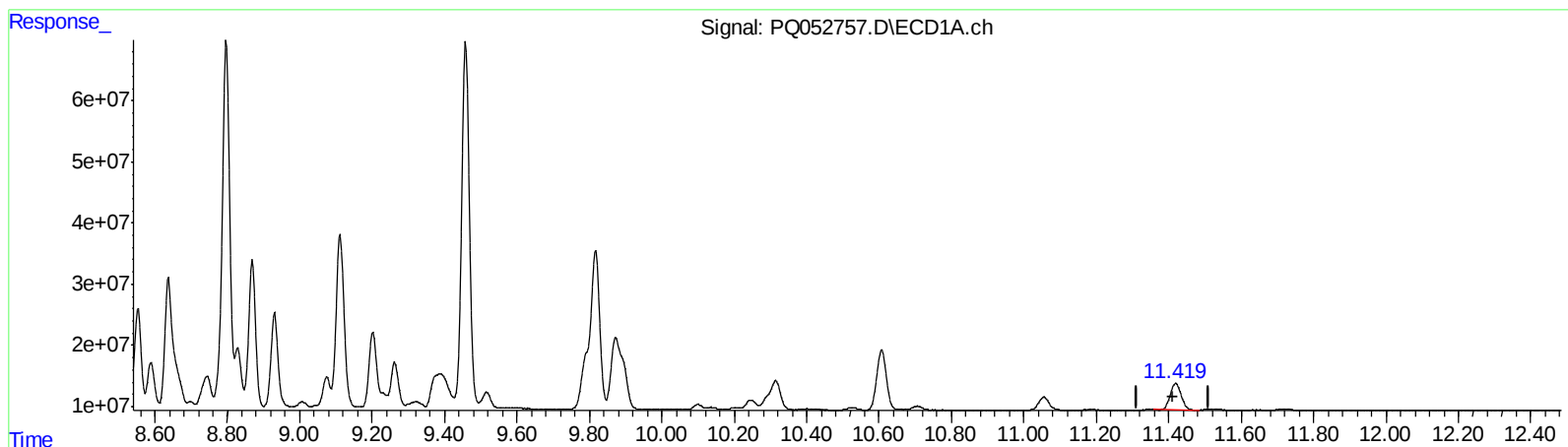
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QEdit

(2) Decachlorobiphenyl (SA)

11.419min 3.658 ng/ml

response 90461237

(2) Decachlorobiphenyl #2 (SA)

9.583min 3.536 ng/ml

response 34991032

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ALS Vial : 7 Sample Multiplier: 1

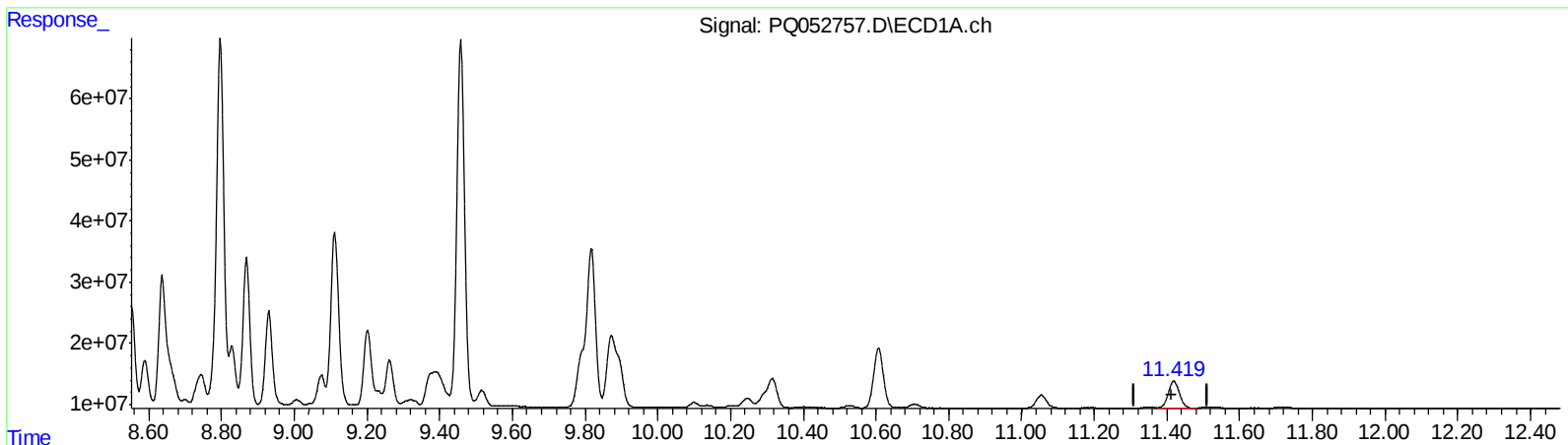
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QEdit

(2) Decachlorobiphenyl (SA)

11.419min 3.752 ng/ml m

response 92780520

(2) Decachlorobiphenyl #2 (SA)

9.583min 3.621 ng/ml m

response 35832235

(+) = Expected Retention Time

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	5.231	4.243	54056399	21059844	2.346	2.202
2) SA Decachlor...	11.419	9.583	92780520	35832235	3.752m	3.621m
Target Compounds						
16) L4 AR-1242-1	6.557	5.504	43163307	19617188	54.151m	55.542m
17) L4 AR-1242-2	6.578	5.520	378.7E6	147.3E6	321.777m	294.000m
18) L4 AR-1242-3	6.653	5.714	24179548	57321199	34.224	220.542 #
19) L4 AR-1242-4	6.751	5.808	133.7E6	84138037	227.585	342.689 #
20) L4 AR-1242-5	7.534	6.373	241.5E6	163.0E6	360.386	469.113 #
31) L7 AR-1260-1	8.240	7.089	525.5E6	307.3E6	487.700	531.580
32) L7 AR-1260-2	8.502	7.285	708.9E6	456.5E6	539.456	572.275
33) L7 AR-1260-3	8.869	7.440	324.5E6	310.8E6	323.202	471.618 #
34) L7 AR-1260-4	9.111	7.924	439.8E6	195.1E6	384.813	345.890
35) L7 AR-1260-5	9.458	8.170	894.8E6	656.1E6	376.119	428.730

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

AJ
 04/08/21