

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ033121\
Data File : PQ052760.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2021 11:21
Operator : DD\AJ
Sample : M1870-06DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

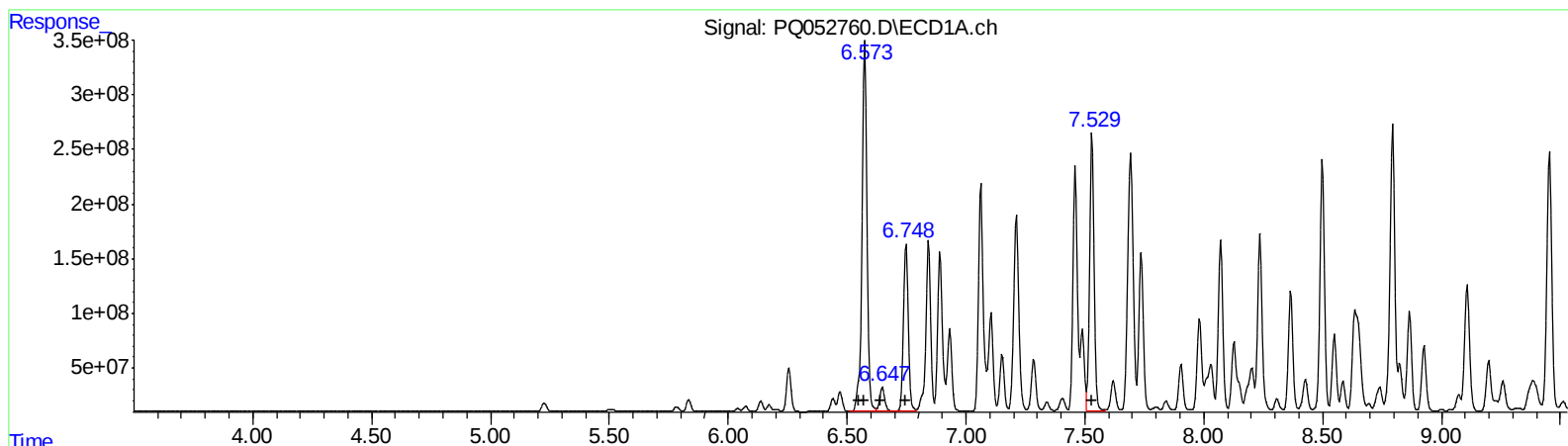
Instrument :
ECD_Q
ClientSampleId :
C0AZ3DL

Manual Integrations
APPROVED

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4/2/2021 11:34:39 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 07:59:44 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
6.57 4926002470 6180.00
6.57 4926002470 4186.00
6.65 327182261 463.10
6.75 2147851506 3655.60
7.53 3296479151 4920.22

(16) AR-1242-1 #2 (L4)
R.T. Response Conc
5.52 1994146263 5646.04
5.52 1994146263 3979.92
5.71 936142390 3601.78
5.81 986885739 4019.53
6.37 1059461506 3049.43

(+) = Expected Retention Time

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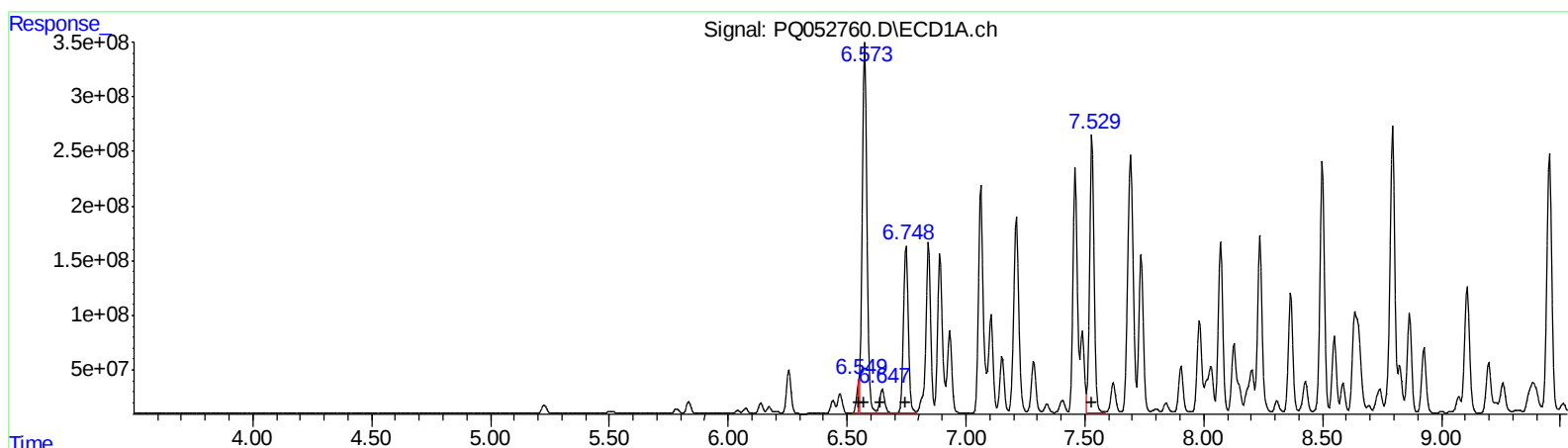
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(16) AR-1242-1 (L4)
 R.T. Response Conc
 6.55 193351831 242.57
 6.57 4724871795 4015.08
 6.65 327182261 463.10
 6.75 2147851506 3655.60
 7.53 3296479151 4920.22

(16) AR-1242-1 #2 (L4)
 R.T. Response Conc
 5.50 90550902 256.38
 5.52 1897897848 3787.82
 5.71 936142390 3601.78
 5.81 986885739 4019.53
 6.37 1059461506 3049.43

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Misc :
ALS Vial : 10 Sample Multiplier: 1

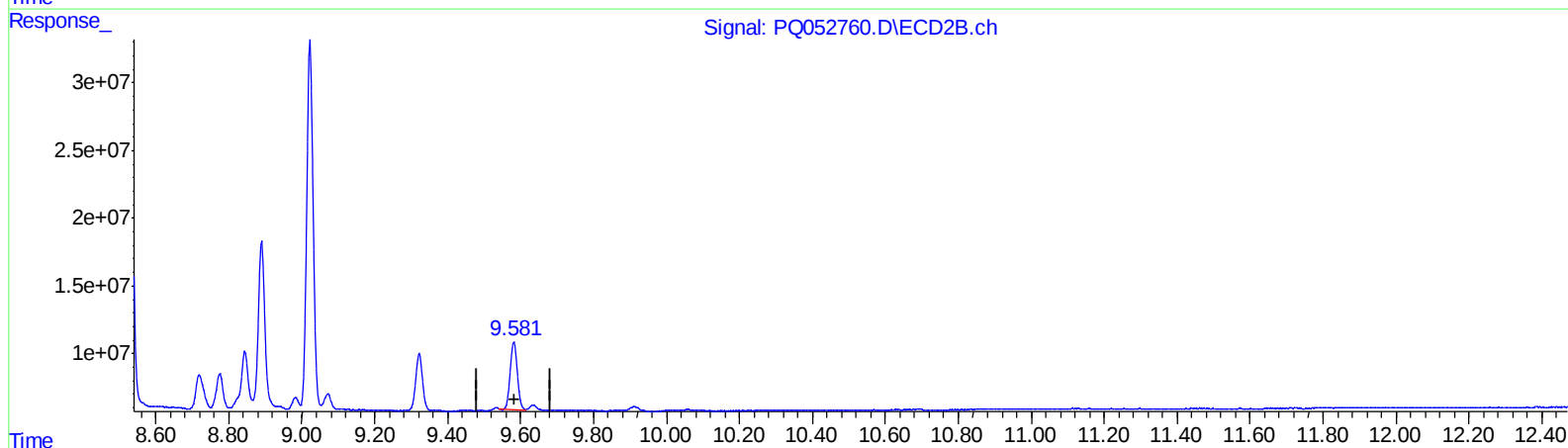
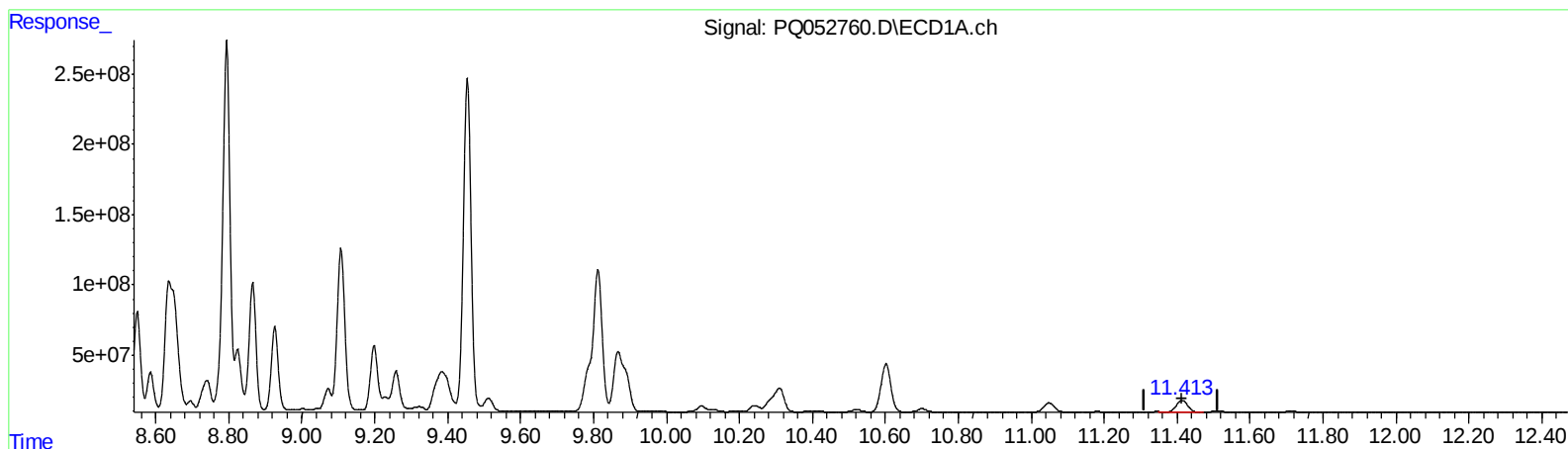
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QEdit

(2) Decachlorobiphenyl (SA)

11.413min 6.833 ng/ml

response 168960459

(2) Decachlorobiphenyl #2 (SA)

9.581min 6.683 ng/ml

response 66132015

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ALS Vial : 10 Sample Multiplier: 1

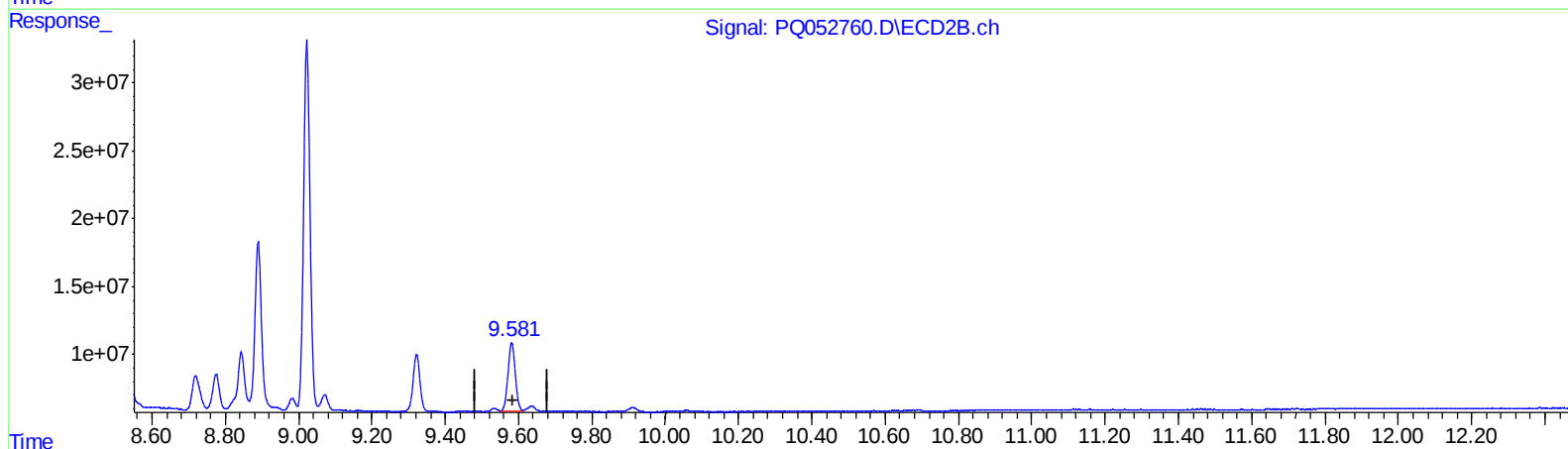
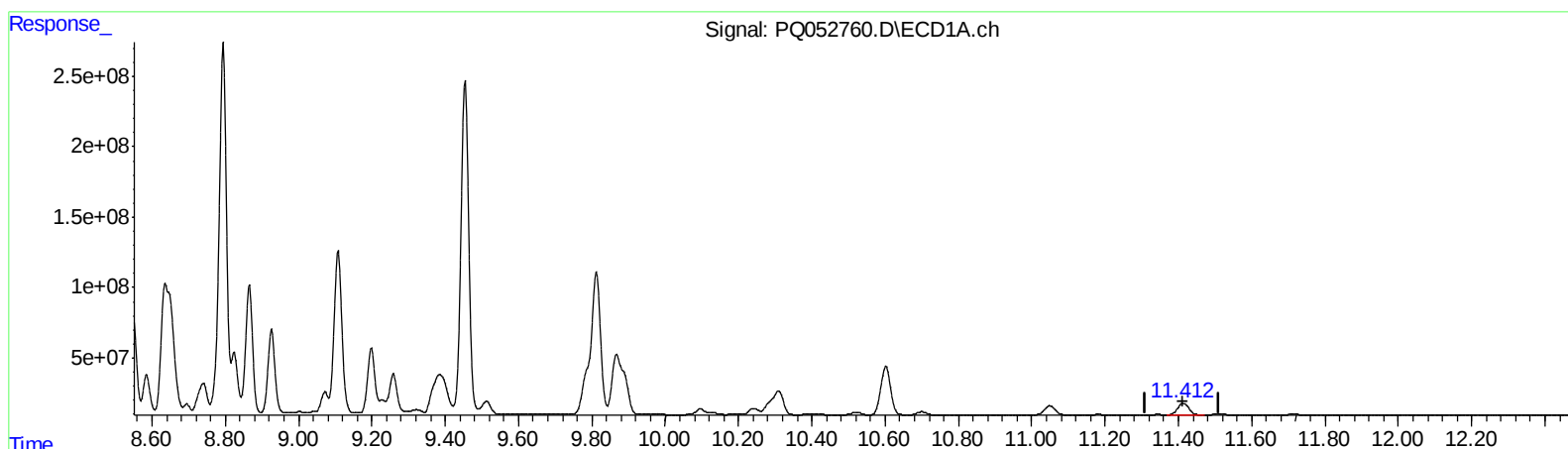
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QEdit

(2) Decachlorobiphenyl (SA)

11.412min 7.218 ng/ml m

response 178500810

(2) Decachlorobiphenyl #2 (SA)

9.581min 6.950 ng/ml m

response 68774358

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

System Monitoring Compounds						
1) SA Tetrachlo...	5.225	4.242	108.6E6	40621632	4.714	4.247
2) SA Decachlor...	11.412	9.581	178.5E6	68774358	7.218m	6.950m
Target Compounds						
16) L4 AR-1242-1	6.549	5.501	193.4E6	90550902	242.573m	256.377m
17) L4 AR-1242-2	6.573	5.520	4724.9E6	1897.9E6	4015.081m	3787.823m
18) L4 AR-1242-3	6.648	5.713	327.2E6	936.1E6	463.100	3601.781 #
19) L4 AR-1242-4	6.747	5.807	2147.9E6	986.9E6	3655.596	4019.527
20) L4 AR-1242-5	7.529	6.373	3296.5E6	1059.5E6	4920.216	3049.429 #
31) L7 AR-1260-1	8.236	7.089	2156.6E6	1319.5E6	2001.468	2282.547
32) L7 AR-1260-2	8.499	7.285	3012.1E6	1755.4E6	2292.250	2200.832
33) L7 AR-1260-3	8.865	7.441	1224.1E6	1191.7E6	1219.316	1808.092 #
34) L7 AR-1260-4	9.107	7.924	1741.4E6	670.4E6	1523.865	1188.884
35) L7 AR-1260-5	9.454	8.170	3502.6E6	2416.4E6	1472.352	1579.002

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

AJ
 04/08/21