

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ033121\
Data File : PQ052784.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2021 17:53
Operator : DD\AJ
Sample : M1870-16DL 4X
Misc :
ALS Vial : 34 Sample Multiplier: 1

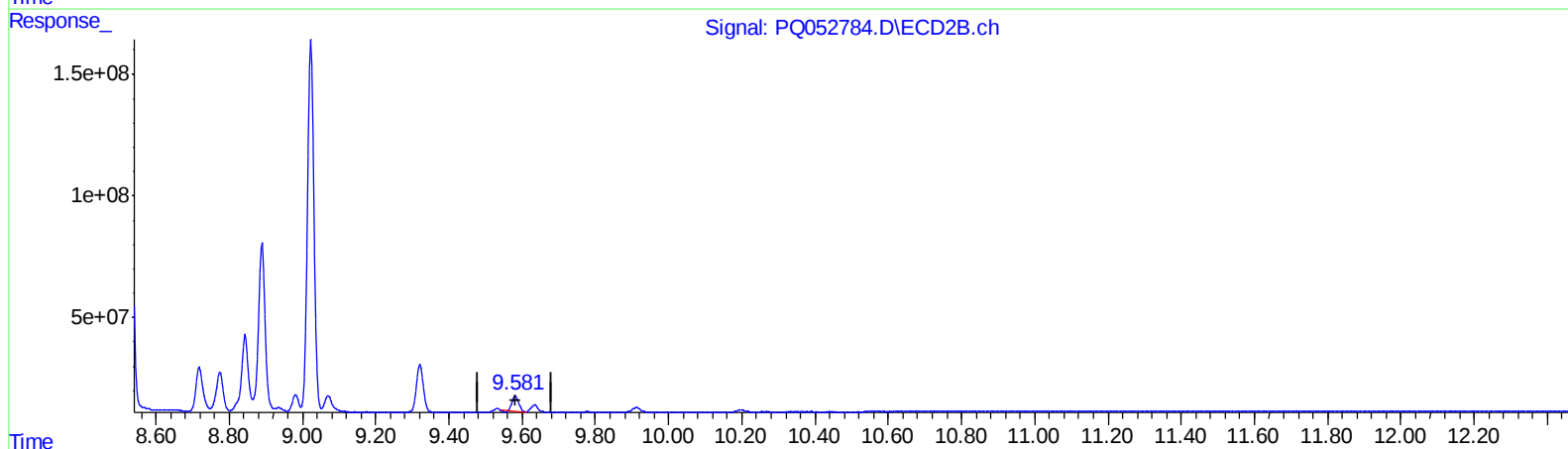
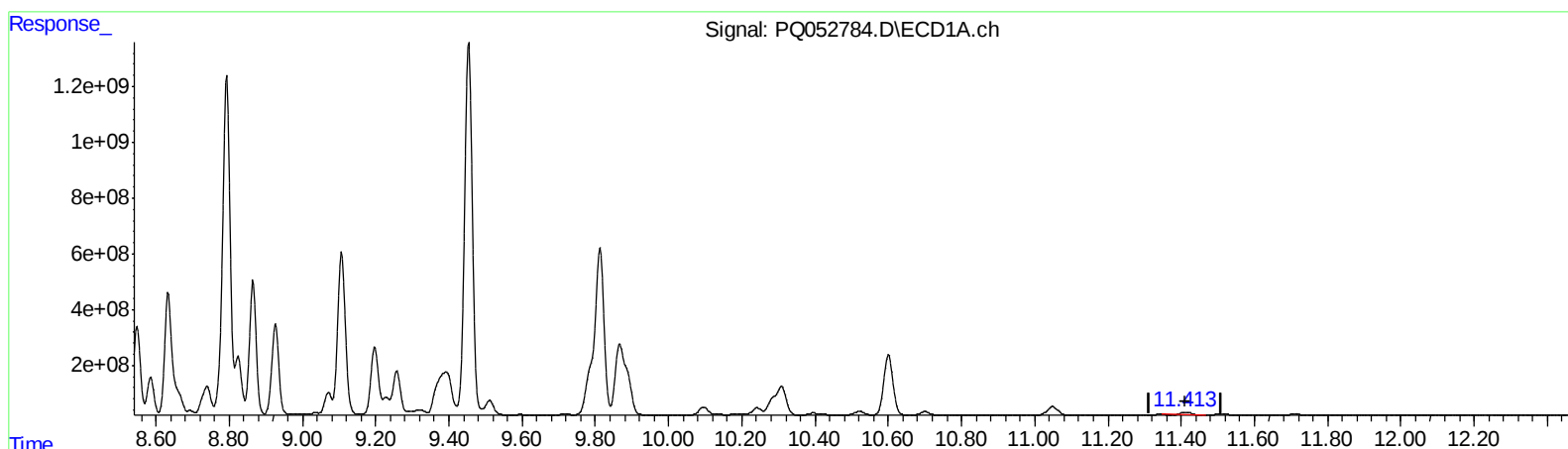
Instrument :
ECD_Q
ClientSampleId :
C0B01DL

Manual Integrations
APPROVED

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4/2/2021 11:35:25 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 08:19:44 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



QEdit

(2) Decachlorobiphenyl (SA)

11.413min 6.944 ng/ml

response 171723756

(2) Decachlorobiphenyl #2 (SA)

9.581min 7.394 ng/ml

response 73174367

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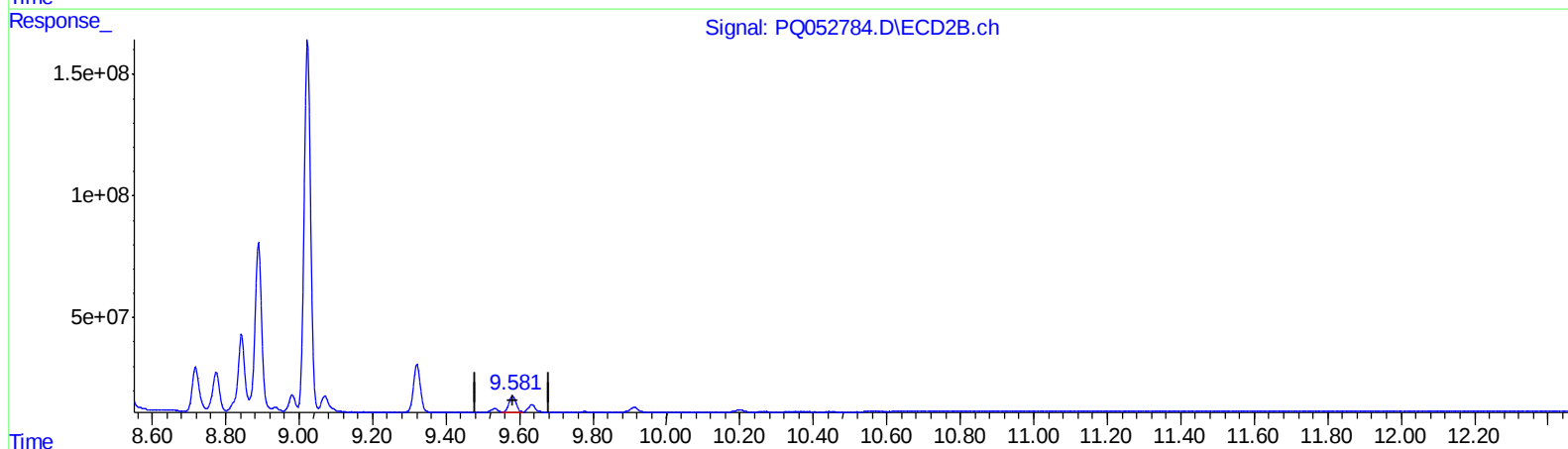
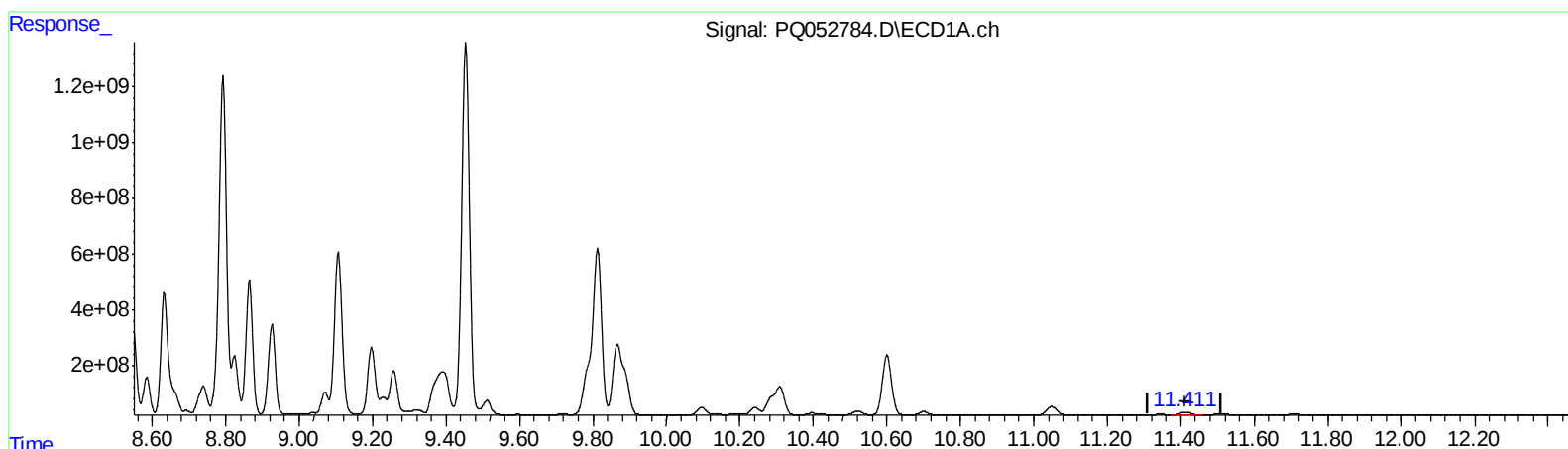
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QEdit

(2) Decachlorobiphenyl (SA)

11.411min 9.700 ng/ml m

response 239866523

(2) Decachlorobiphenyl #2 (SA)

9.581min 9.098 ng/ml m

response 90035937

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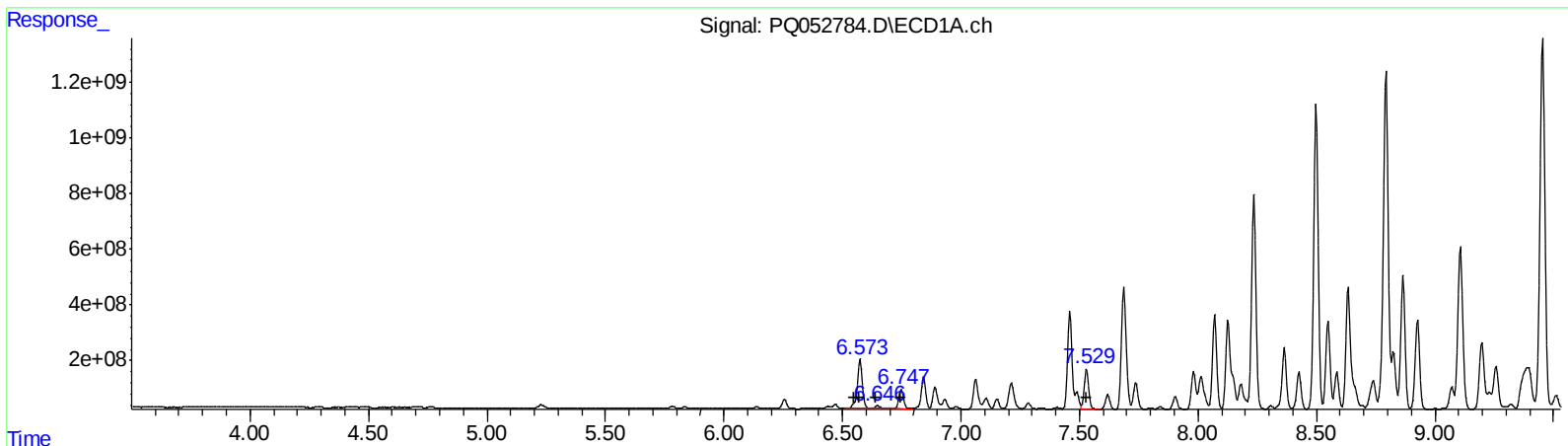
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(16) AR-1242-1 (L4)
 R.T. Response Conc
 6.57 2589743806 3249.01
 6.57 2589743806 2200.70
 6.65 161729256 228.91
 6.75 971087279 1652.77
 7.53 1867425279 2787.26

(16) AR-1242-1 #2 (L4)
 R.T. Response Conc
 5.52 1106556685 3133.00
 5.52 1106556685 2208.46
 5.71 487195344 1874.47
 5.81 561834378 2288.32
 6.37 2117856202 6095.79

QEdit

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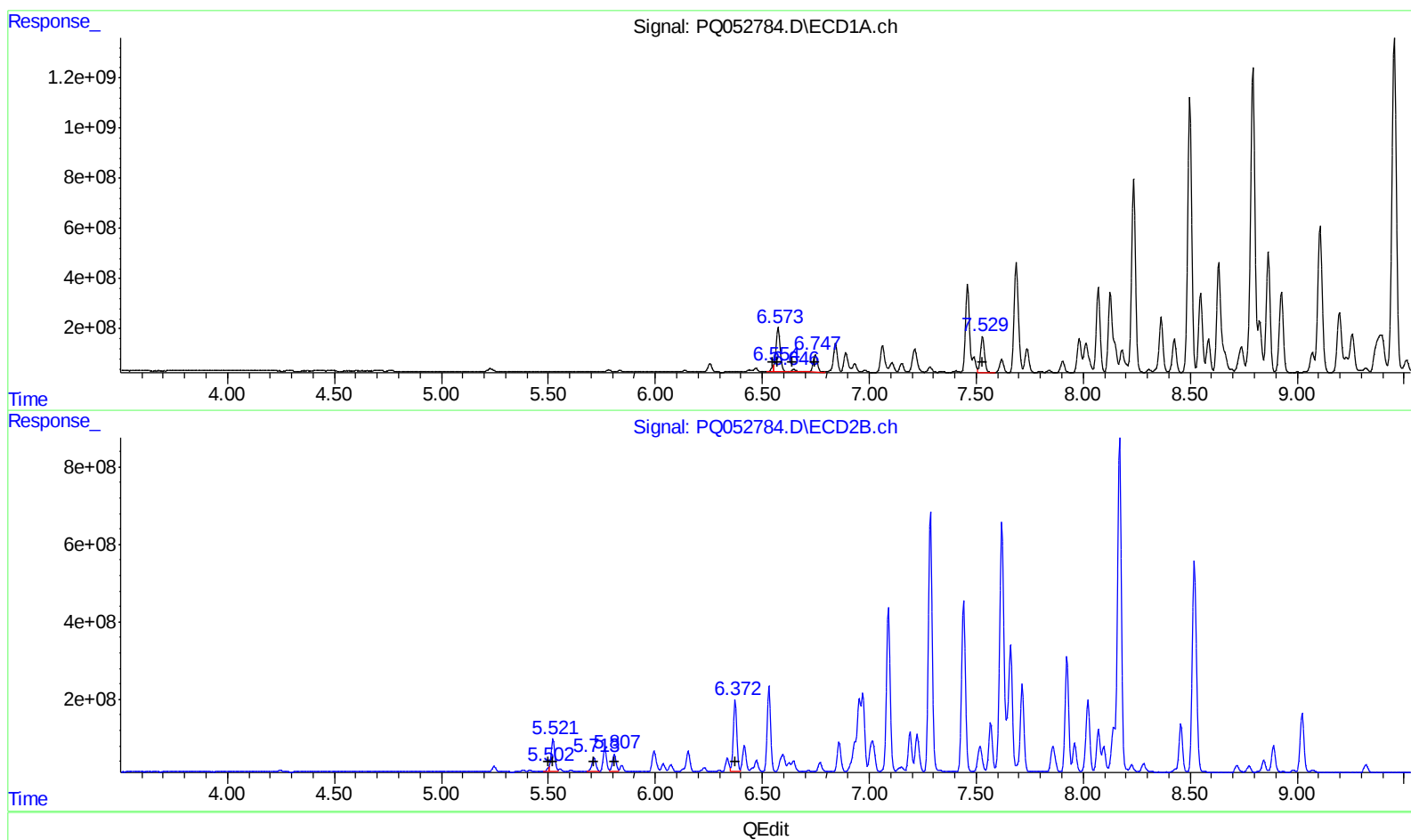
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(16) AR-1242-1 (L4)
 R.T. Response Conc
 6.55 208601323 261.70
 6.57 2366265516 2010.79
 6.65 161729256 228.91
 6.75 971087279 1652.77
 7.53 1867425279 2787.26

(16) AR-1242-1 #2 (L4)
 R.T. Response Conc
 5.50 83275488 235.78
 5.52 1018613495 2032.95
 5.71 487195344 1874.47
 5.81 561834378 2288.32
 6.37 2117856202 6095.79

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

System Monitoring Compounds						
1) SA Tetrachlo...	5.227	4.245	148.4E6	64097114	6.440	6.701
2) SA Decachlor...	11.411	9.581	239.9E6	90035937	9.700m	9.098m
Target Compounds						
16) L4 AR-1242-1	6.554	5.502	208.6E6	83275488	261.704m	235.778m
17) L4 AR-1242-2	6.573	5.521	2366.3E6	1018.6E6	2010.795m	2032.948m
18) L4 AR-1242-3	6.647	5.714	161.7E6	487.2E6	228.915	1874.470 #
19) L4 AR-1242-4	6.748	5.808	971.1E6	561.8E6	1652.769	2288.318 #
20) L4 AR-1242-5	7.529	6.373	1867.4E6	2117.9E6	2787.257	6095.787 #
31) L7 AR-1260-1	8.236	7.089	10000.7E6	5139.3E6	9281.518	8889.957
32) L7 AR-1260-2	8.498	7.285	14302.8E6	8203.7E6	10884.594	10285.319
33) L7 AR-1260-3	8.865	7.441	6143.0E6	5541.1E6	6118.829	8407.009 #
34) L7 AR-1260-4	9.107	7.924	8644.0E6	3423.2E6	7563.988	6070.420
35) L7 AR-1260-5	9.454	8.170	19708.8E6	10876.7E6	8284.745	7107.443

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

AJ
 04/08/21