

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060921\
Data File : PQ053855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2021 15:31
Operator : DD\AJ
Sample : M2618-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

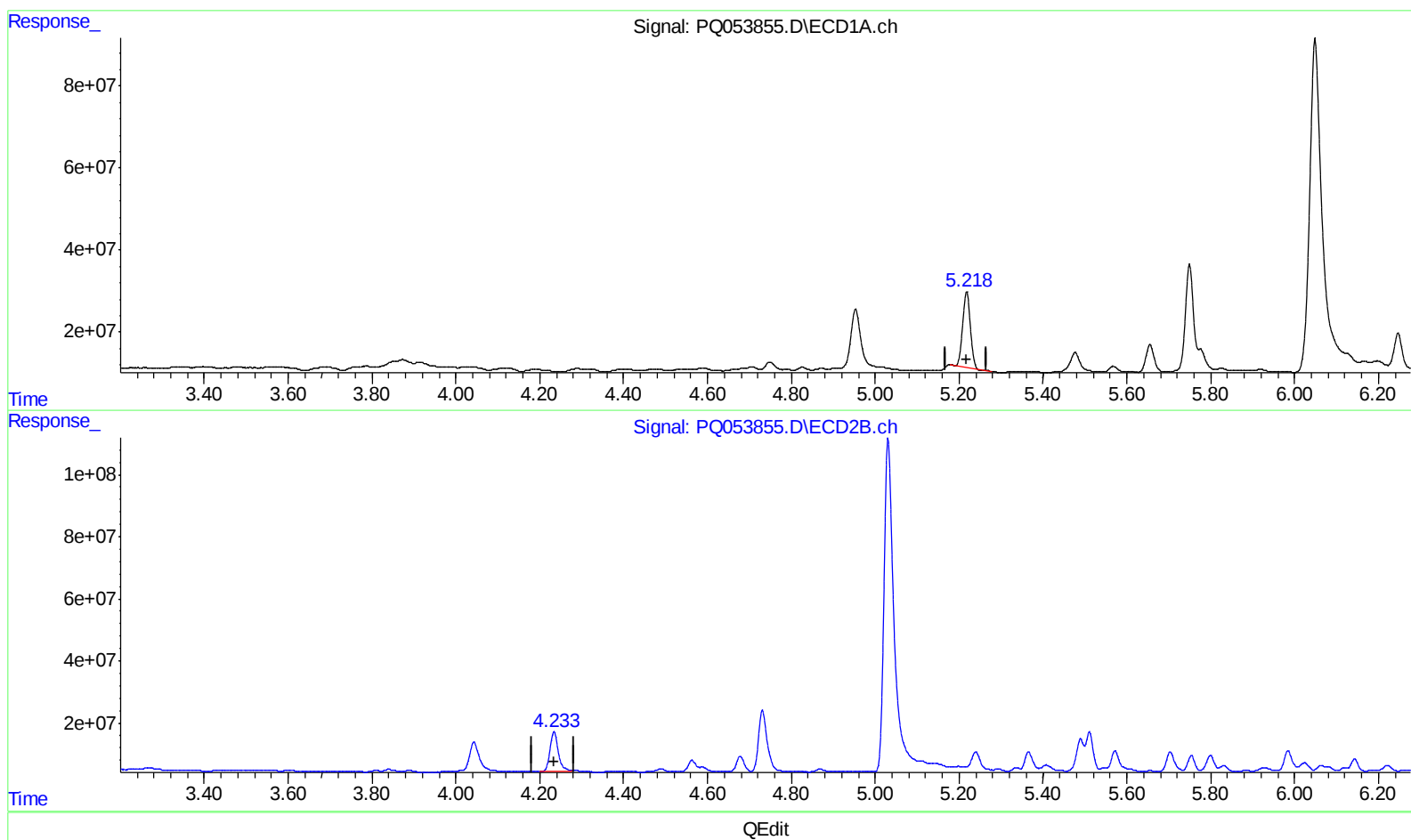
Instrument :
ECD_Q
ClientSampleId :
BG5R7MSD

Manual Integrations
APPROVED

Ankita
6/11/2021 12:23:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 06:33:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060121CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 02 09:01:47 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)

5.218min 9.358 ng/ml

response 226793389

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

4.234min 13.722 ng/ml

response 173984452

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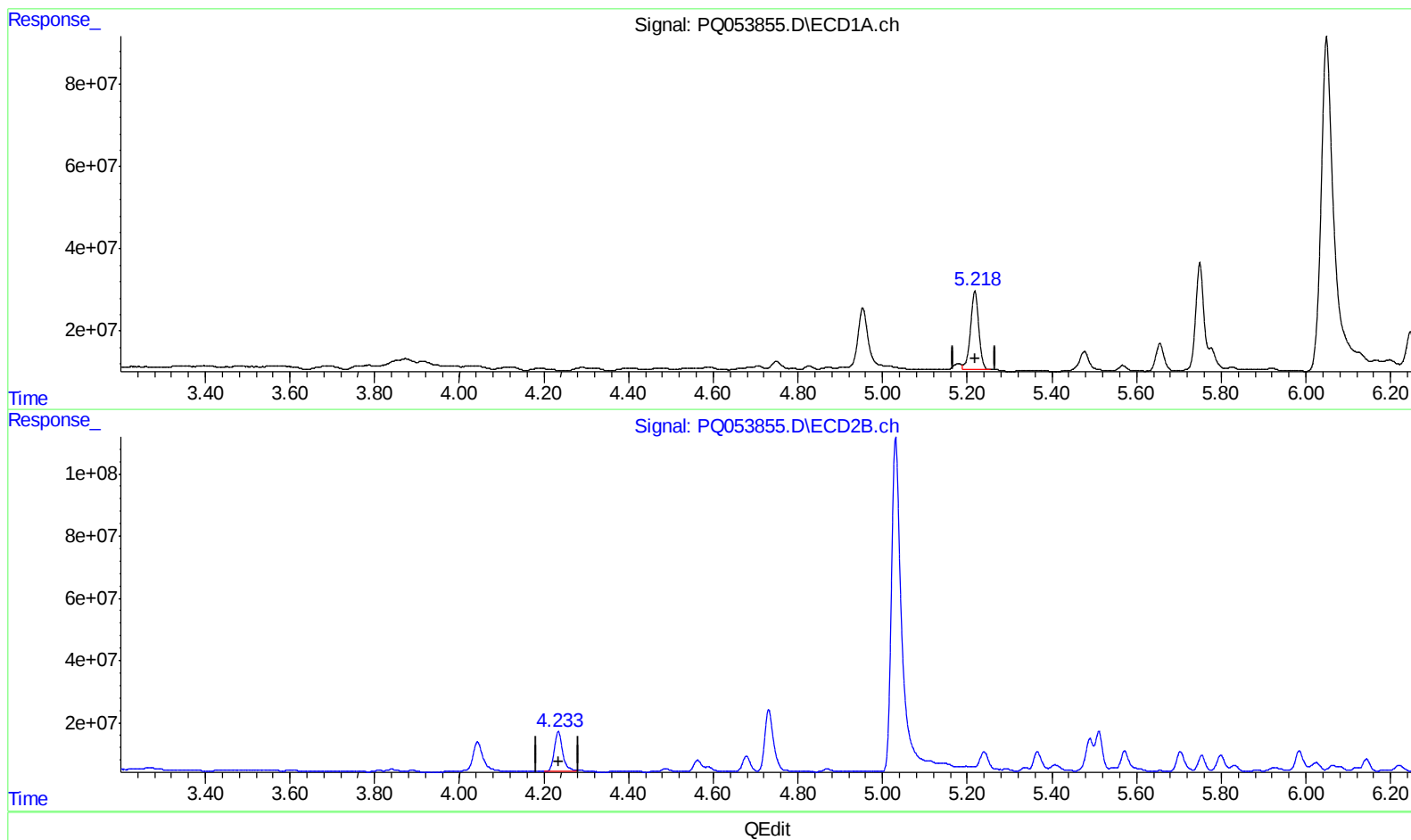
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(1) Tetrachloro-m-xylene (SA)

5.218min 10.877 ng/ml m

response 263604631

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

4.234min 13.722 ng/ml

response 173984452

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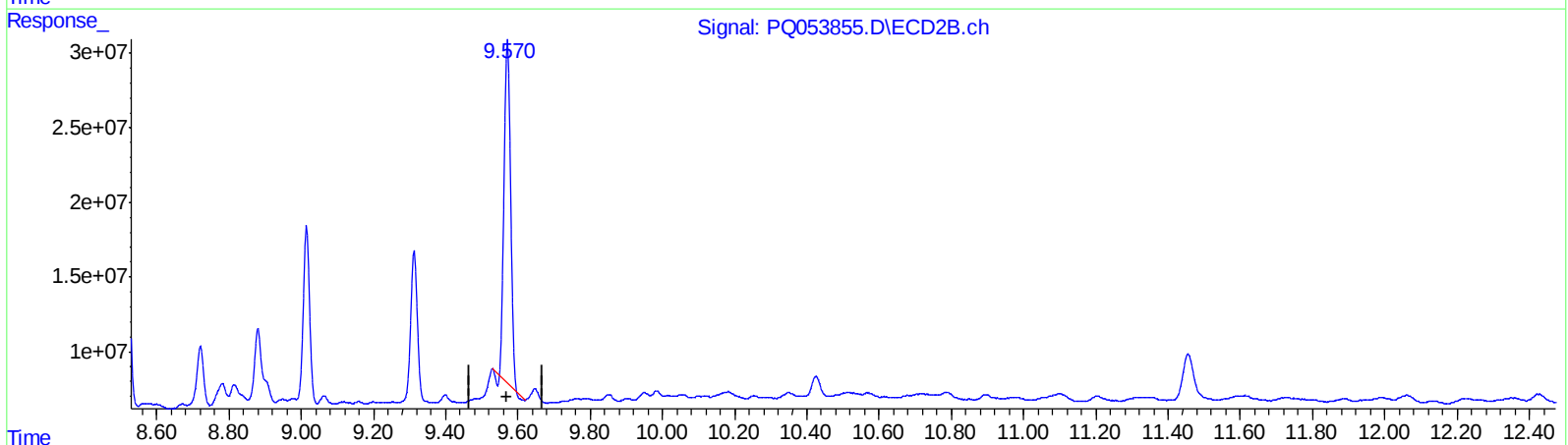
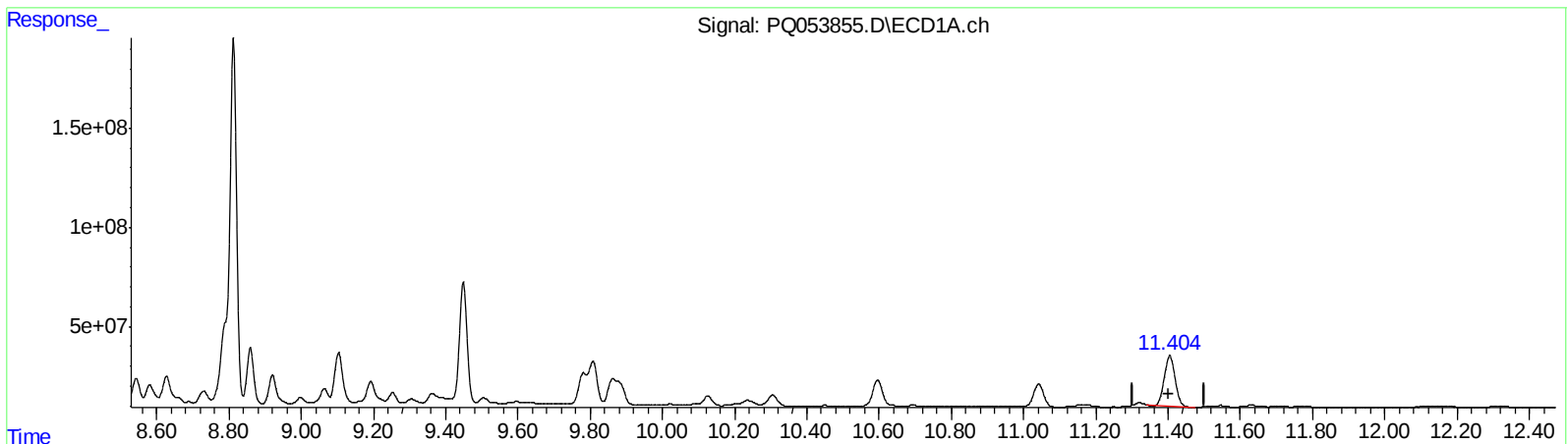
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QEdit

(2) Decachlorobiphenyl (SA)

11.405min 20.952 ng/ml

response 513555704

(2) Decachlorobiphenyl #2 (SA)

9.571min 18.639 ng/ml

response 283586464

(+) = Expected Retention Time

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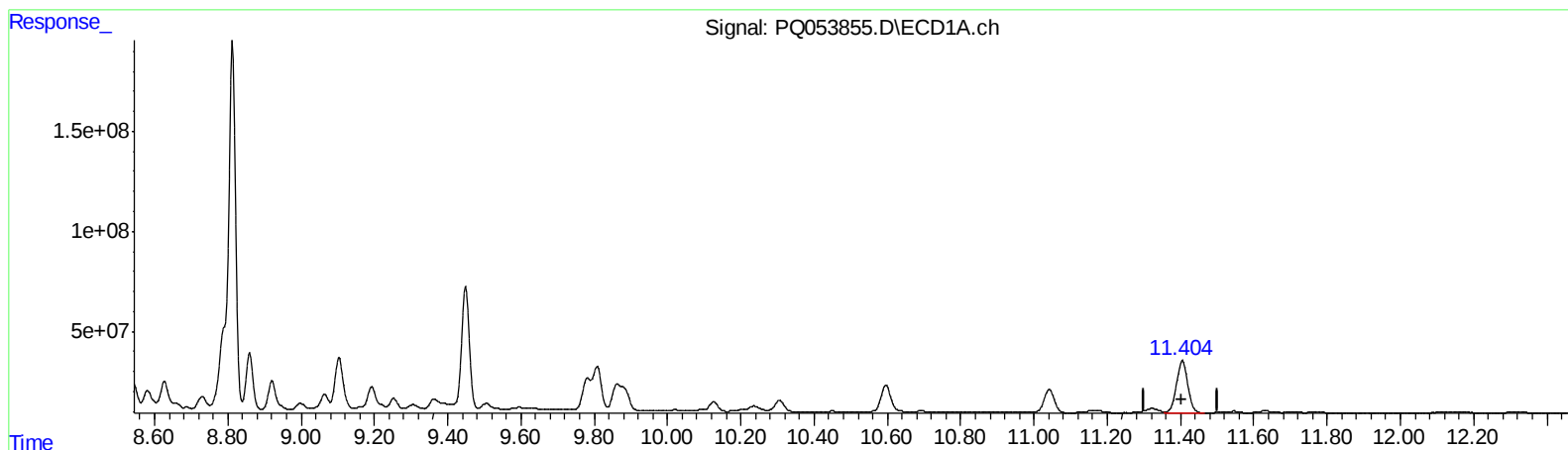
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(2) Decachlorobiphenyl (SA)

11.404min 22.544 ng/ml m

response 552579747

(2) Decachlorobiphenyl #2 (SA)

9.570min 21.552 ng/ml m

response 327913165

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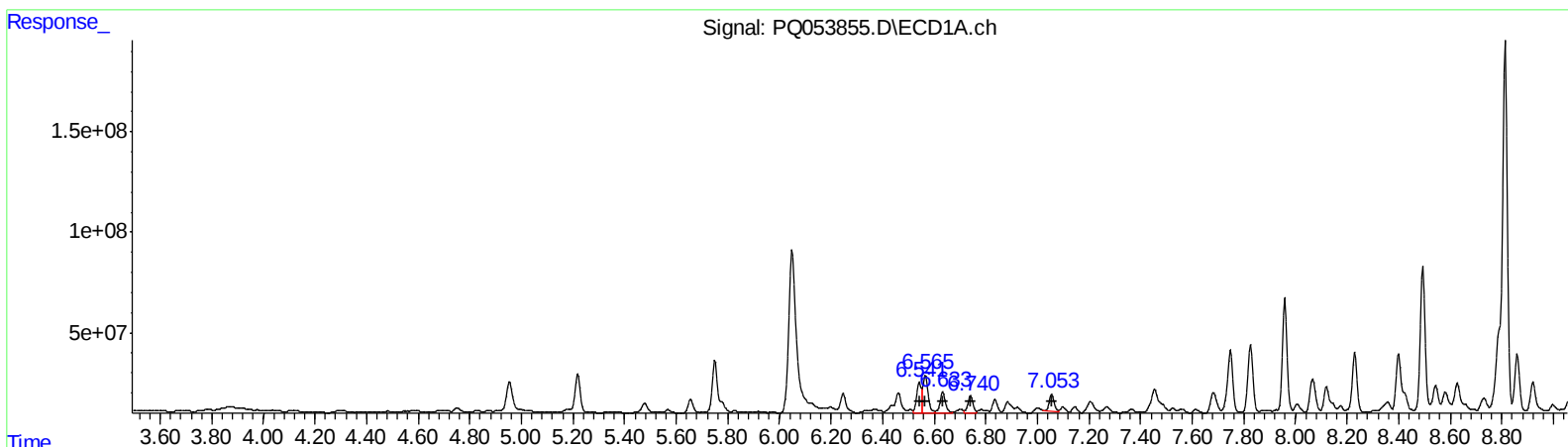
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(3) AR-1016-1 (L1)

R.T.	Response	Conc
6.54	184434876	215.36
6.57	265851424	195.49
6.63	147042673	177.48
6.74	116503821	174.90
7.05	109891006	174.65

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

R.T.	Response	Conc
5.49	117873198	251.51
5.51	149858542	209.75
5.70	82249383	226.44
5.75	59316525	202.22
5.98	81155546	217.04

(+) = Expected Retention Time

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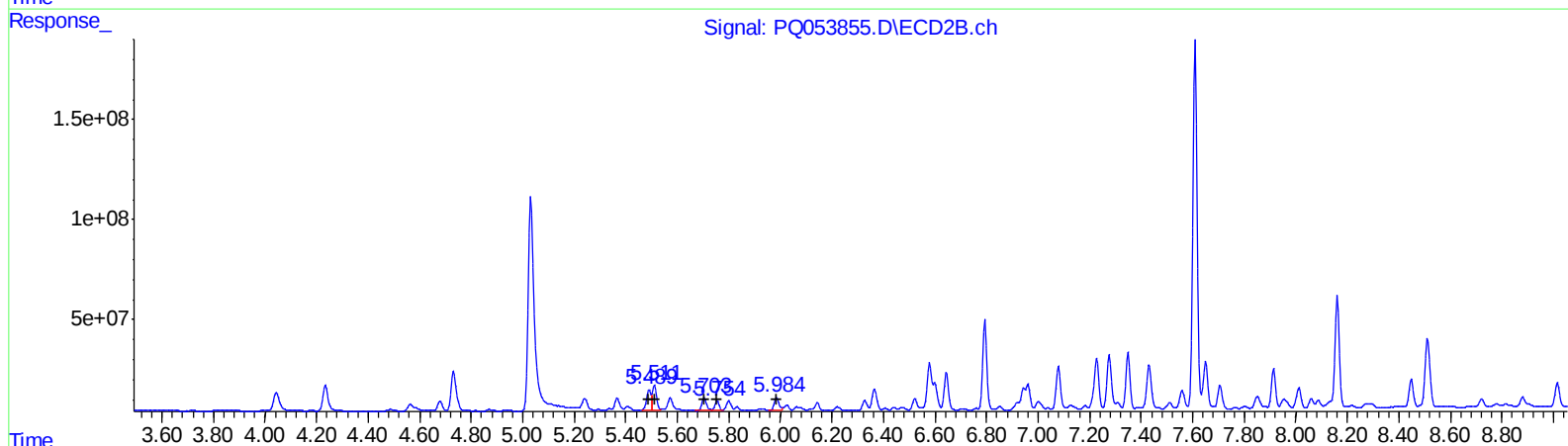
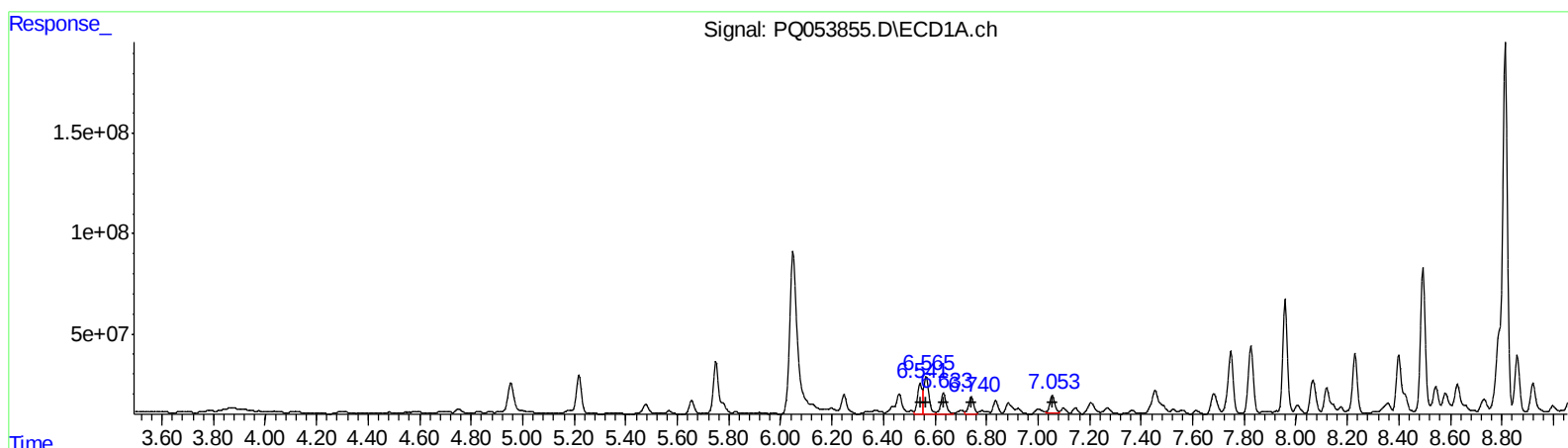
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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

1) SA Tetrachlo...	5.218	4.234	263.6E6	174.0E6	10.877m	13.722 #
2) SA Decachlor...	11.404	9.570	552.6E6	327.9E6	22.544m	21.552m

Target Compounds

3) L1 AR-1016-1	6.542	5.490	184.4E6	117.9E6	215.356	251.510
4) L1 AR-1016-2	6.565	5.511	265.9E6	149.9E6	195.492	209.752
5) L1 AR-1016-3	6.633	5.703	147.0E6	82249383	177.484	226.444 #
6) L1 AR-1016-4	6.740	5.754	116.5E6	59316525	174.896	202.216
7) L1 AR-1016-5	7.053	5.984	126.8E6	81155546	201.503m	217.039
31) L7 AR-1260-1	8.230	7.078	398.8E6	260.3E6	363.349	349.581
32) L7 AR-1260-2	8.493	7.276	971.0E6	342.5E6	661.088	322.577 #
33) L7 AR-1260-3	8.859	7.430	375.0E6	287.7E6	314.054	321.811
34) L7 AR-1260-4	9.104	7.913	419.8E6	225.3E6	356.750	282.005
35) L7 AR-1260-5	9.449	8.161	928.6E6	699.3E6	338.823	321.341

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

AJ
 06/12/21