

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111720\
Data File : PQ050993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2020 16:36
Operator : DD\AJ
Sample : AR1242CCC400
Misc :
ALS Vial : 4 Sample Multiplier: 1

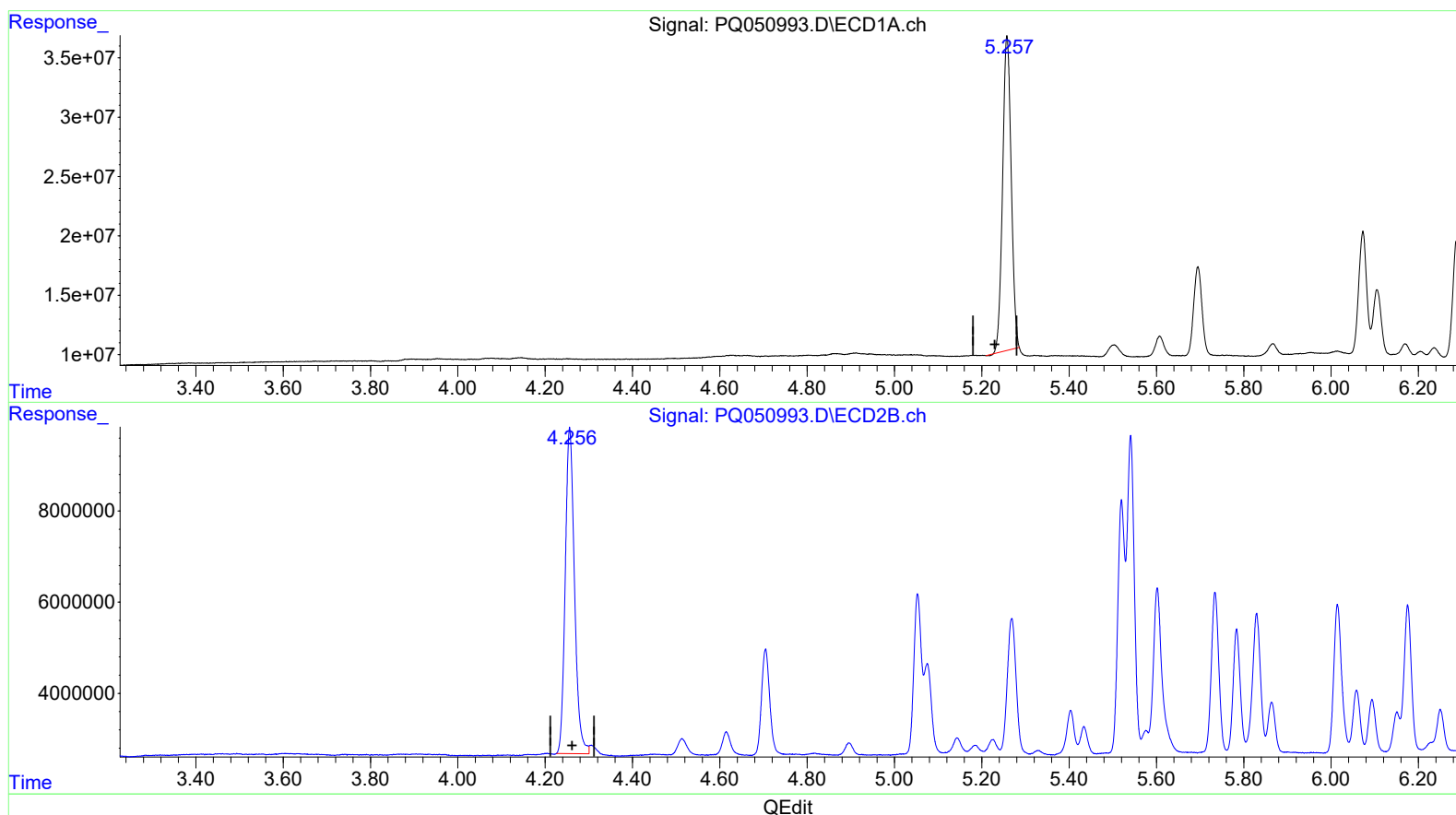
Instrument :
ECD_Q
LabSampleId :
AR1242374

Manual Integrations
APPROVED

mohammad
11/23/2020 11:56:13 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 10:21:53 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110320CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Nov 19 00:34:49 2020
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)

5.258min 20.607 ng/ml

response 362051476

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

4.256min 23.314 ng/ml

response 104880795

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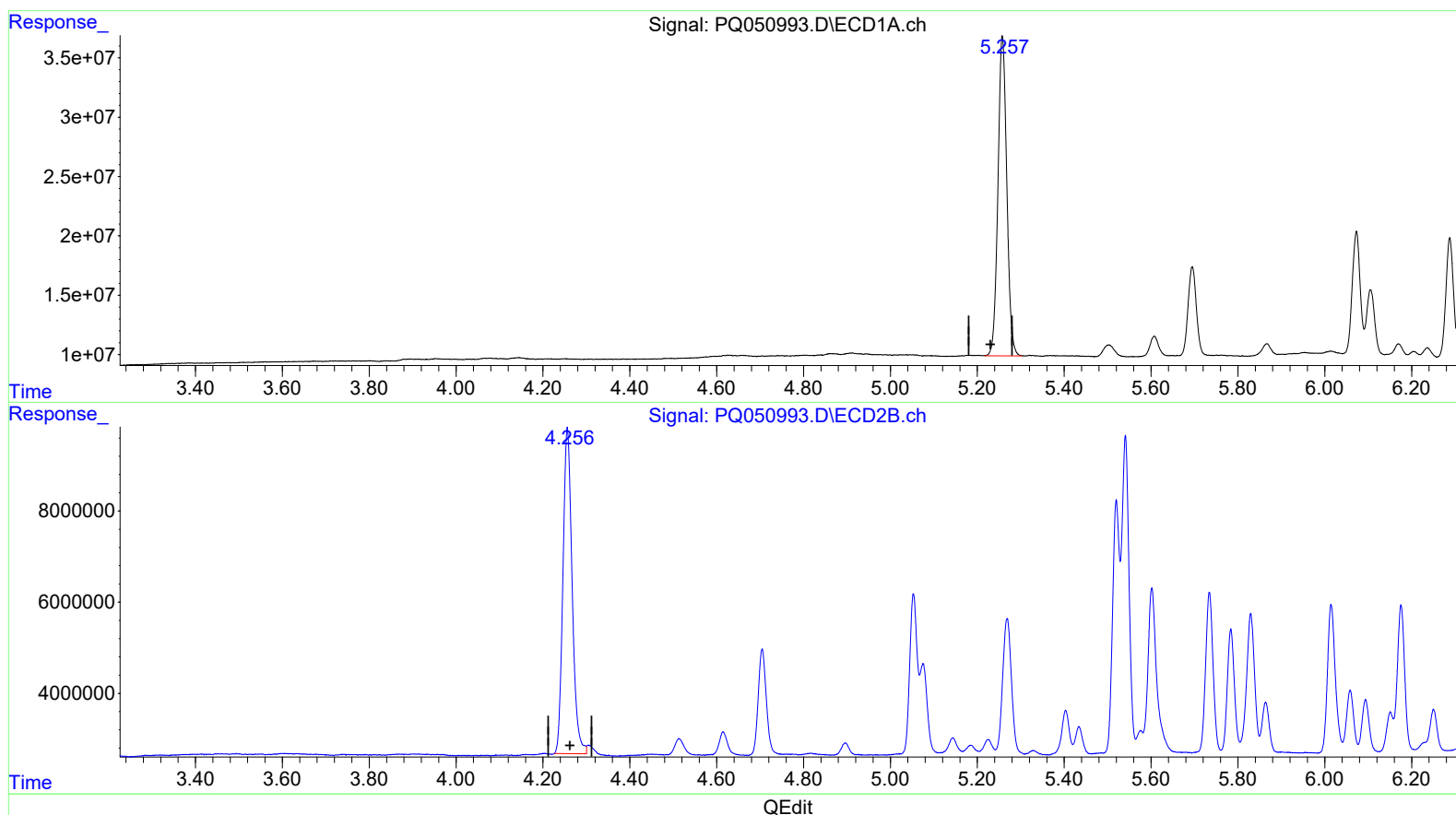
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(1) Tetrachloro-m-xylene (SA)

5.257min 21.655 ng/ml m

response 380463382

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

4.256min 23.314 ng/ml

response 104880795

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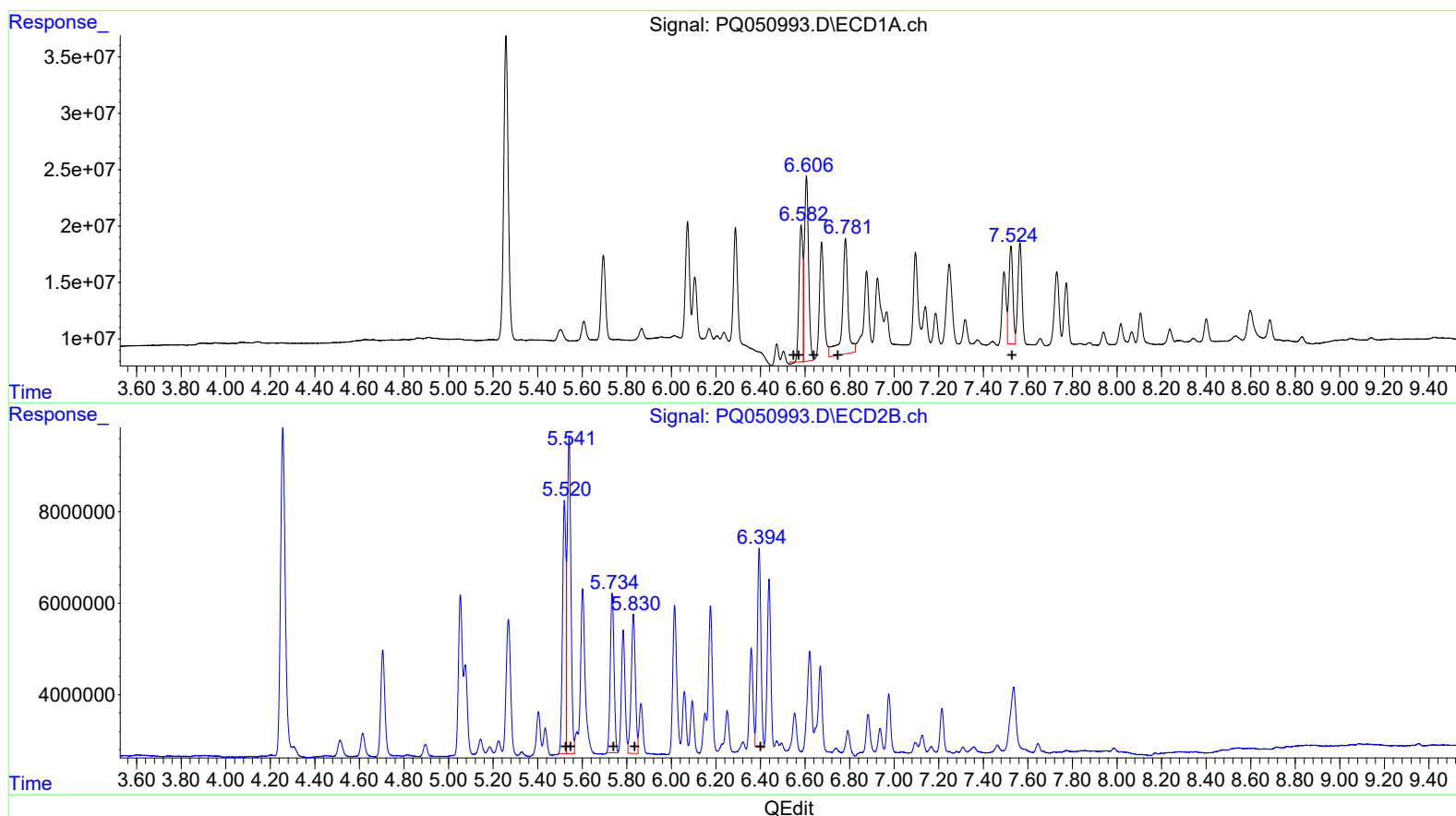
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(16) AR-1242-1 (L4)
R.T. Response Conc
6.58 146615323 307.59
6.58 146615323 214.62
6.61 214298275 524.54
6.78 183502758 543.90
7.52 109379903 309.88

(16) AR-1242-1 #2 (L4)
R.T. Response Conc
5.52 58350741 438.88
5.54 81036152 434.28
5.73 40994078 438.81
5.83 38983845 429.37
6.39 48534038 400.34

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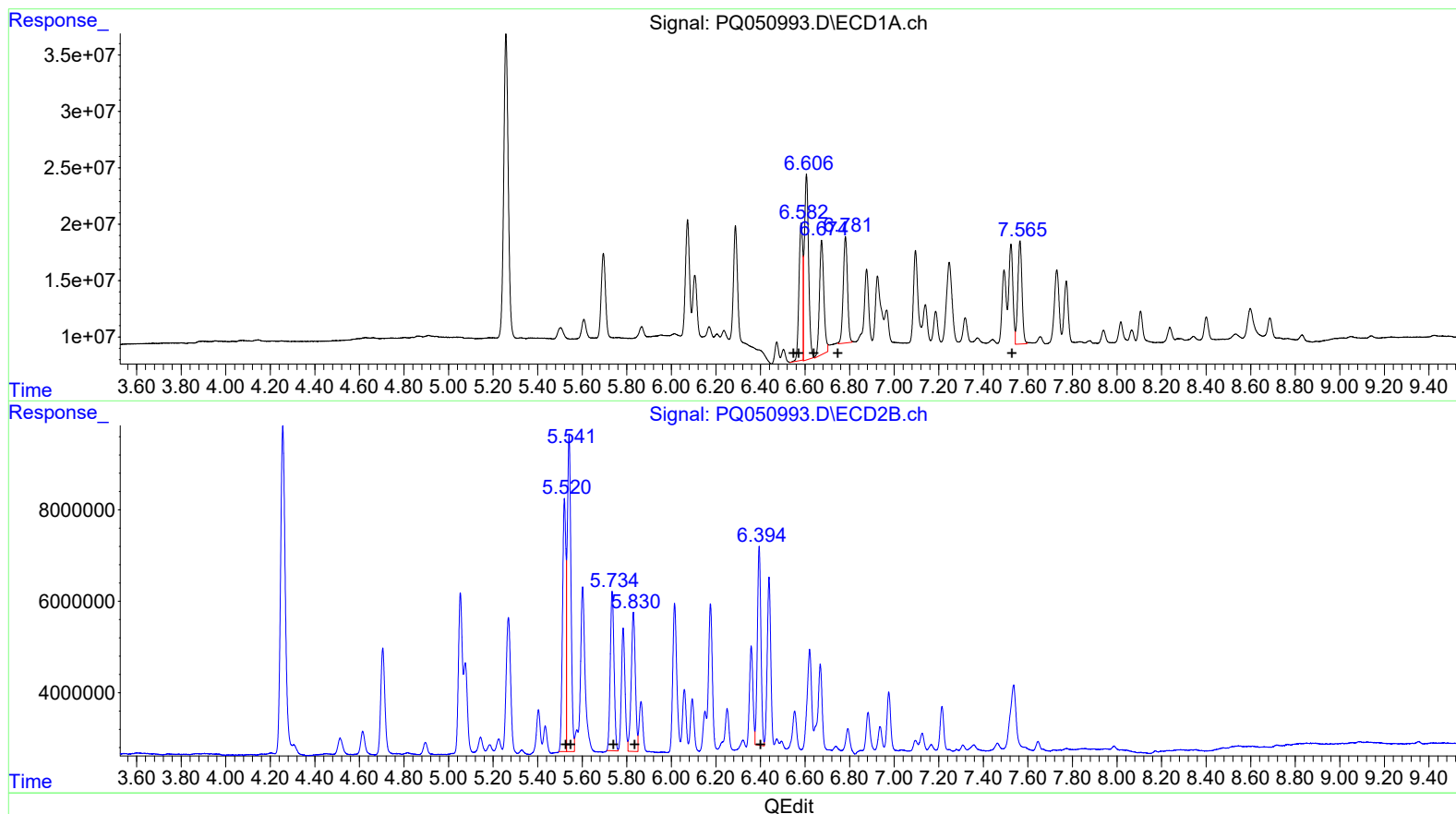
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(16) AR-1242-1 (L4)
R.T. Response Conc
6.58 146615323 307.59
6.61 221412951 324.12
6.67 138410180 338.79
6.78 124646994 369.45
7.56 119185075 337.66

(16) AR-1242-1 #2 (L4)
R.T. Response Conc
5.52 58350741 438.88
5.54 81036152 434.28
5.73 40994078 438.81
5.83 38983845 429.37
6.39 48534038 400.34

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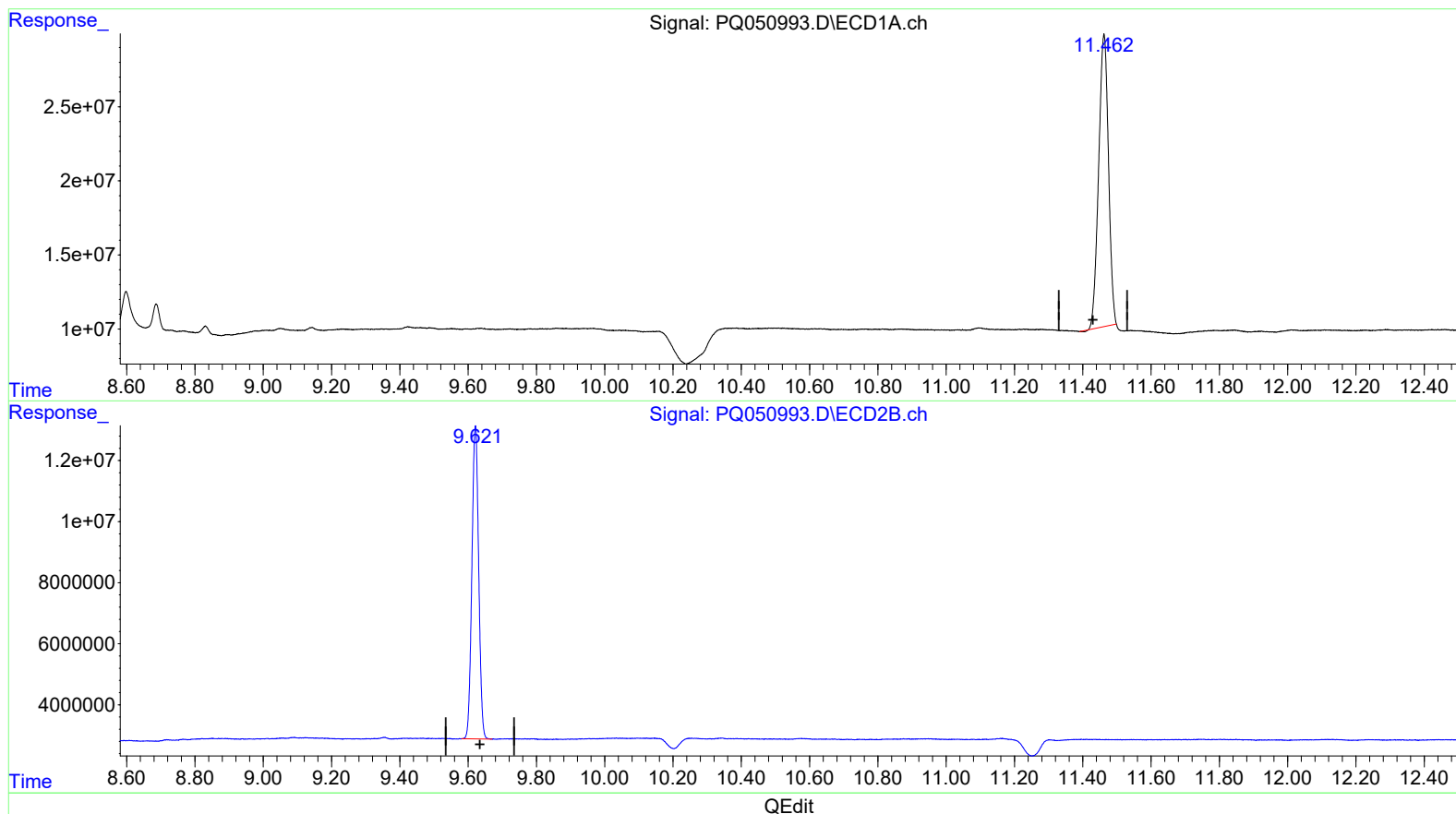
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(2) Decachlorobiphenyl (SA)

11.462min 28.543 ng/ml

response 392952354

(2) Decachlorobiphenyl #2 (SA)

9.621min 36.765 ng/ml

response 141388106

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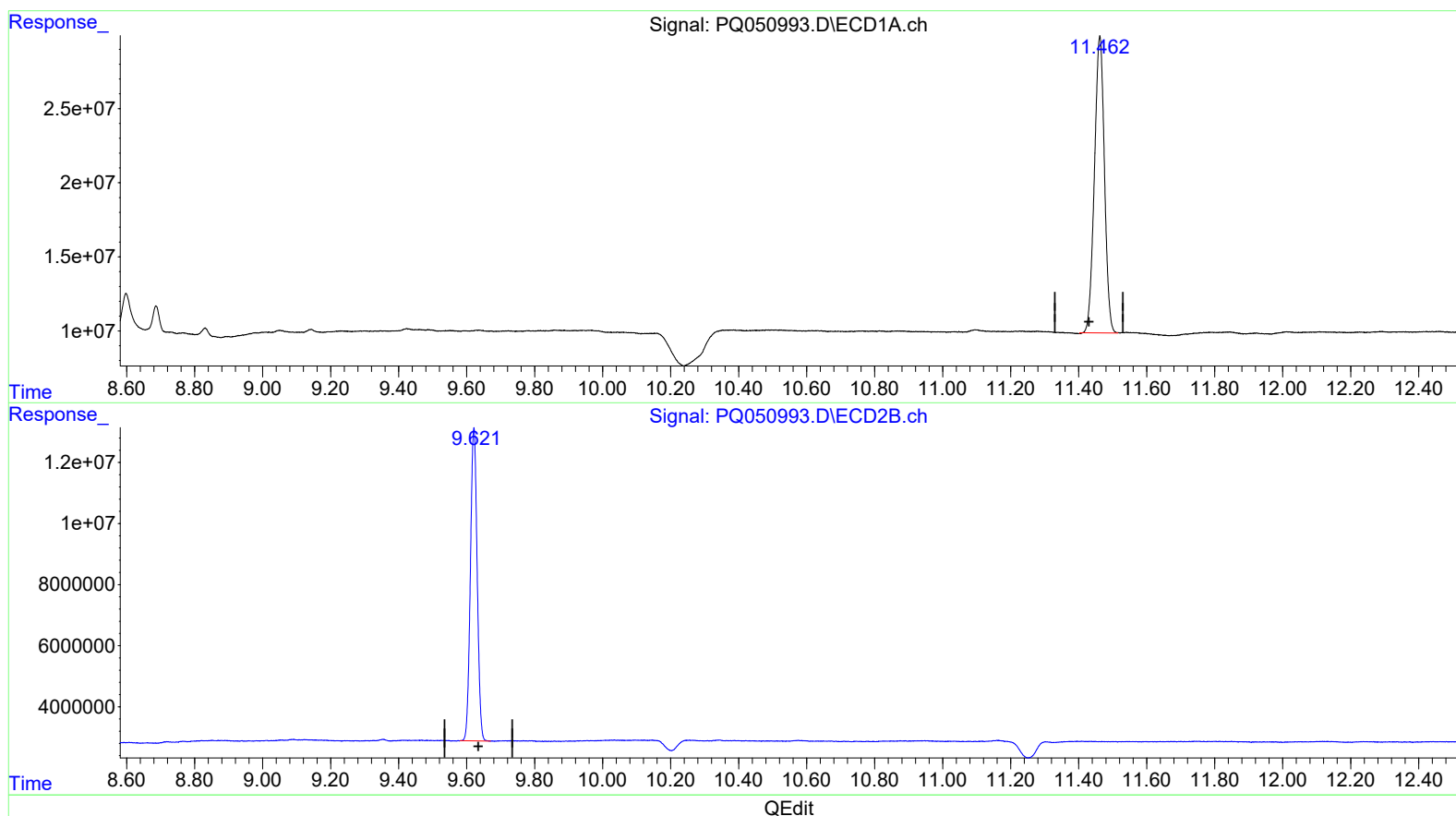
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(2) Decachlorobiphenyl (SA)

11.462min 29.677 ng/ml m

response 408560465

(2) Decachlorobiphenyl #2 (SA)

9.621min 36.765 ng/ml

response 141388106

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

System Monitoring Compounds						
1) SA Tetrachlo...	5.257f	4.256	380.5E6	104.9E6	21.655m	23.314
2) SA Decachlor...	11.462	9.621	408.6E6	141.4E6	29.677m	36.765
Target Compounds						
16) L4 AR-1242-1	6.583	5.520	146.6E6	58350741	307.585	438.877 #
17) L4 AR-1242-2	6.606	5.541	221.4E6	81036152	324.116m	434.283 #
18) L4 AR-1242-3	6.674	5.734	138.4E6	40994078	338.790m	438.814 #
19) L4 AR-1242-4	6.781	5.830	124.6E6	38983845	369.451m	429.375
20) L4 AR-1242-5	7.565f	6.394	119.2E6	48534038	337.662m	400.338

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

11/23/20