

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110118\
Data File : PQ034017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2018 06:08
Operator : SM\SJ
Sample : J5704-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

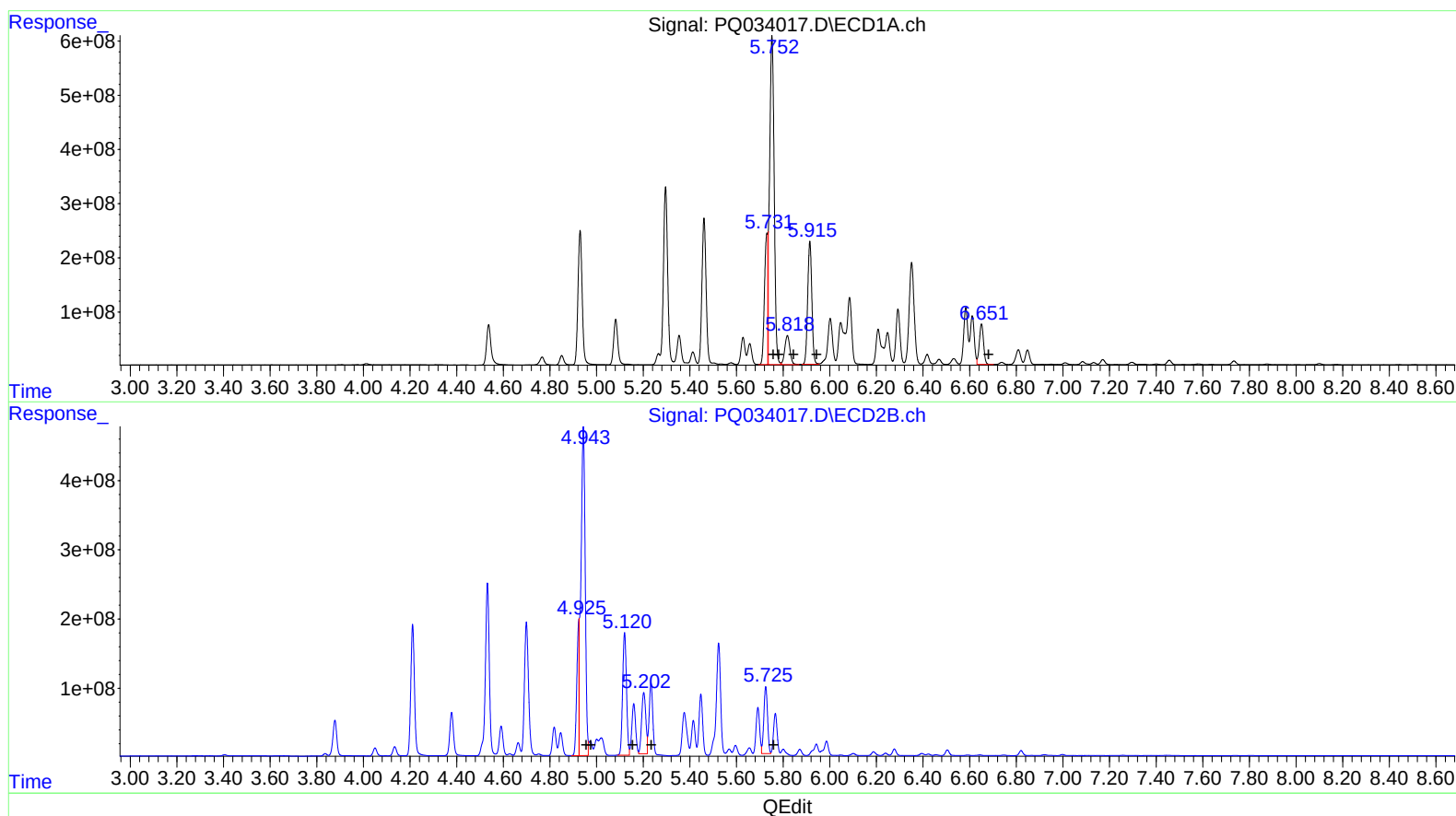
Instrument :
ECD_Q
ClientSampleId :
A40F7

Manual Integrations
APPROVED

Sohil
11/6/2018 5:43:10 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 07:52:40 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 30 17:29:03 2018
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
5.73 2180728446 36542.36
5.75 8198845001 94404.54
5.82 817703554 15638.21
5.91 2817434578 65333.22
6.65 940887744 19085.97

(16) AR-1242-1 #2 (L4)
R.T. Response Conc
4.92 1280614282 26318.54
4.94 6076421320 90021.54
5.12 2040479109 55704.15
5.20 1099145508 29841.31
5.73 1068130019 22234.39

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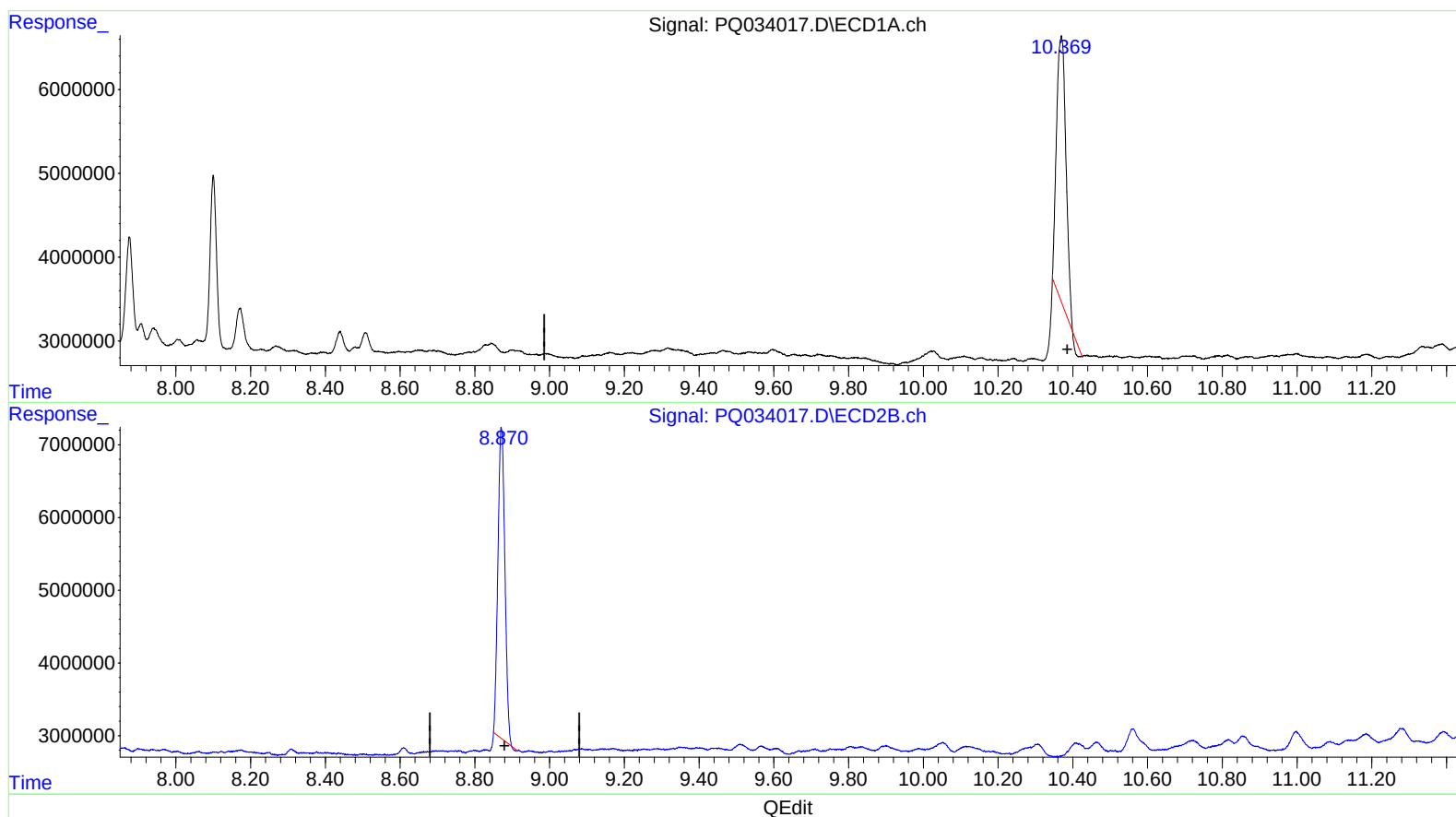
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(2) Decachlorobiphenyl (SA)

10.369min 28.552 ng/ml

response 53971681

(2) Decachlorobiphenyl #2 (SA)

8.871min 34.306 ng/ml

response 55149455

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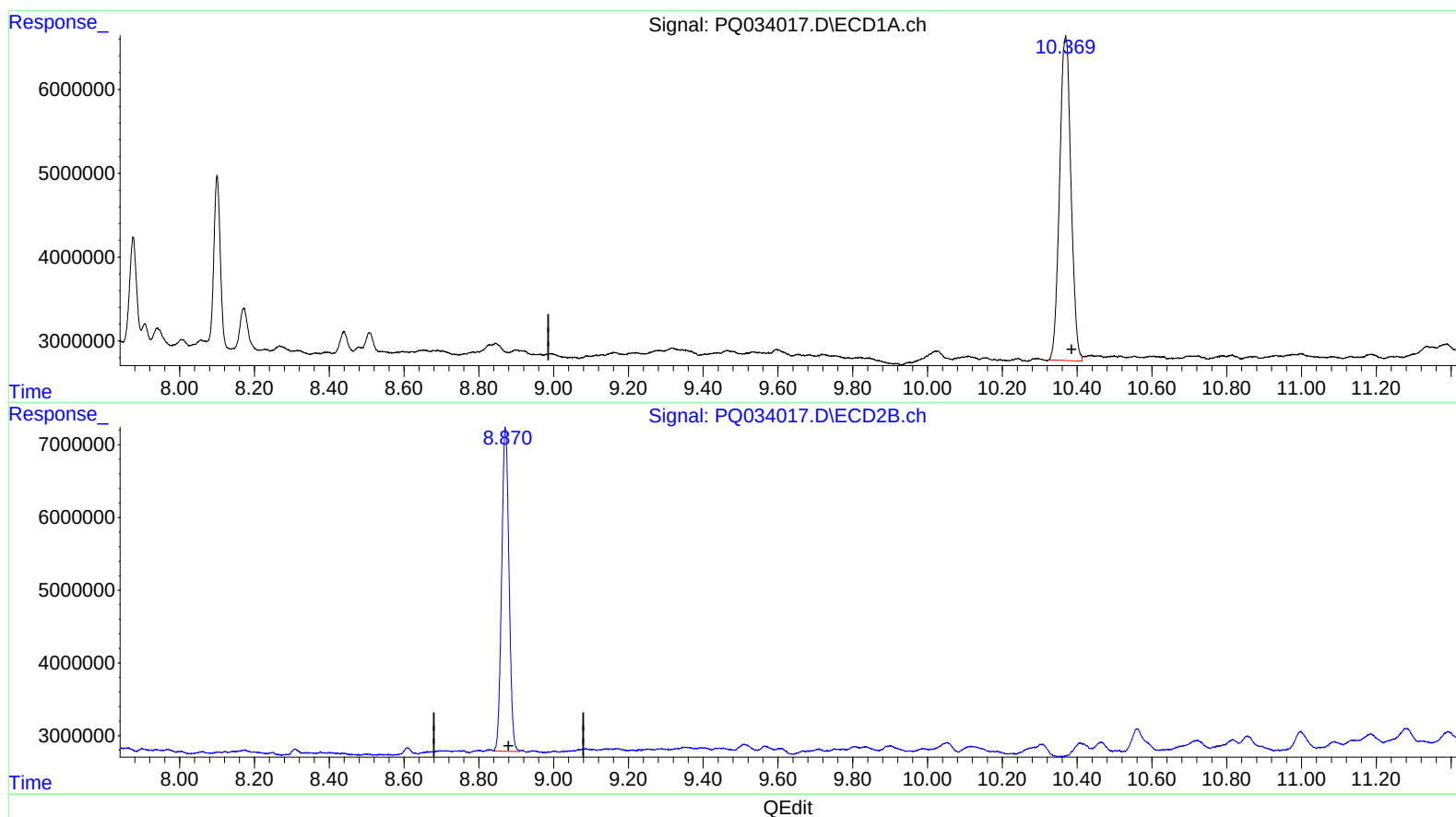
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(2) Decachlorobiphenyl (SA)

10.369min 43.075 ng/ml m

response 81423737

(2) Decachlorobiphenyl #2 (SA)

8.870min 37.787 ng/ml m

response 60744391

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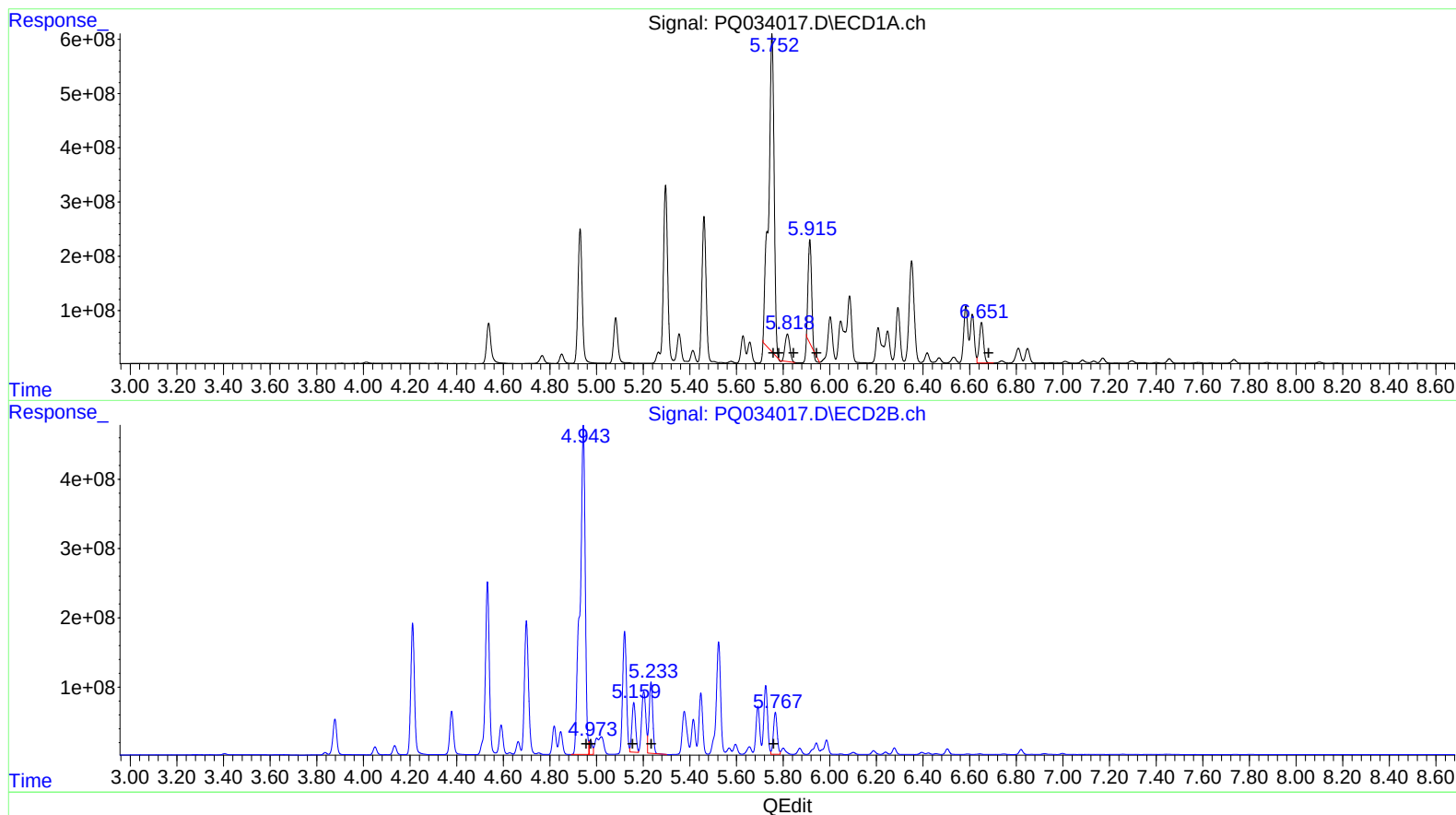
Instrument :
ECD_Q
ClientSampled :
A40F7

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(16) AR-1242-1 (L4)
R.T. Response Conc
5.75 9734522124 163120.92
5.75 9734522124 112086.90
5.82 718447145 13739.98
5.91 1885202073 43715.77
6.65 940887744 19085.97

(16) AR-1242-1 #2 (L4)
R.T. Response Conc
4.94 7445803963 153022.41
4.97 188863667 2798.00
5.16 787727678 21504.61
5.23 1120498365 30421.03
5.77 677027964 14093.14

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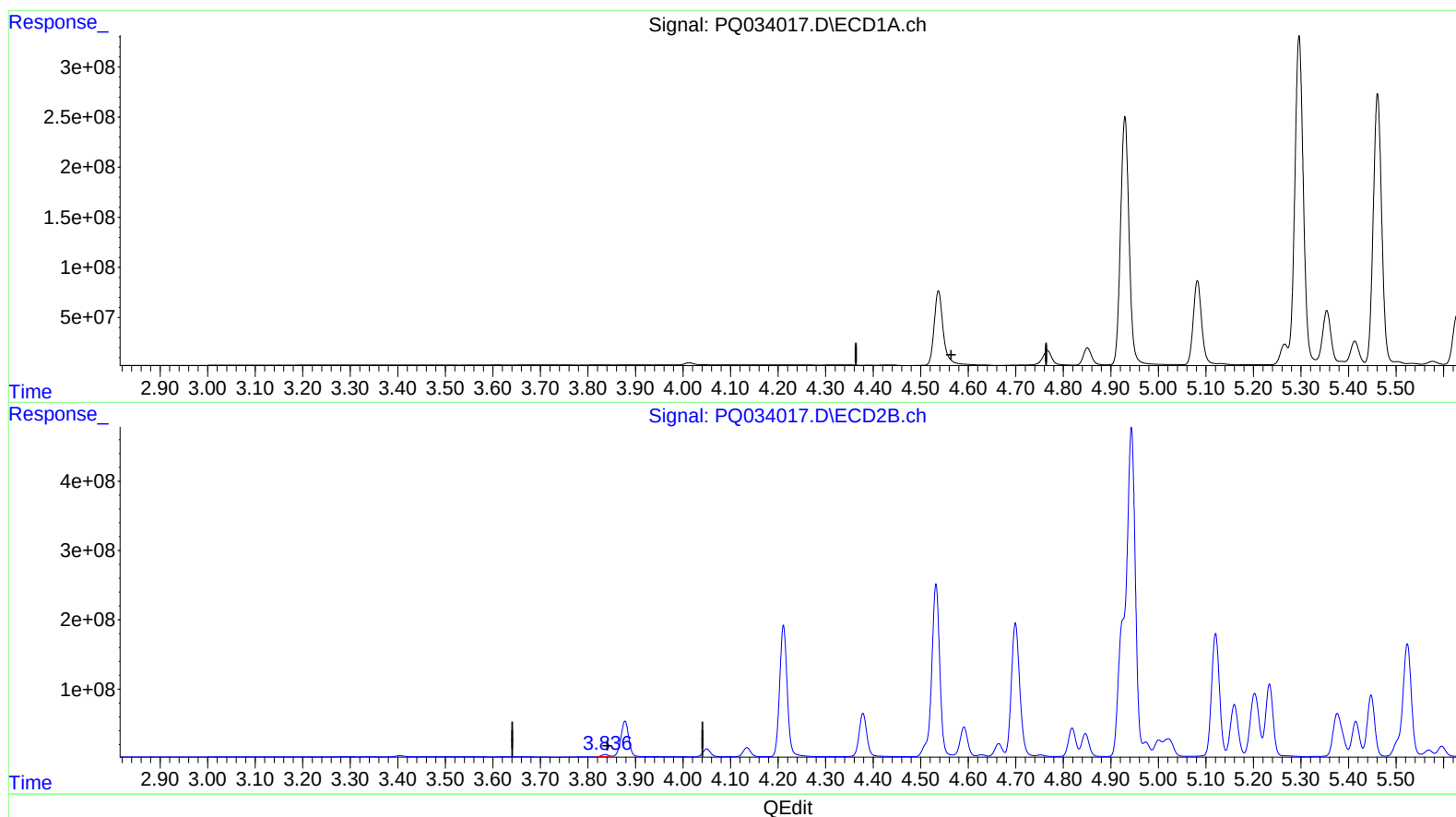
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(1) Tetrachloro-m-xylene (SA)

4.537min -299.869 ng/ml

response -615169687

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

3.836min 17.550 ng/ml

response 27295761

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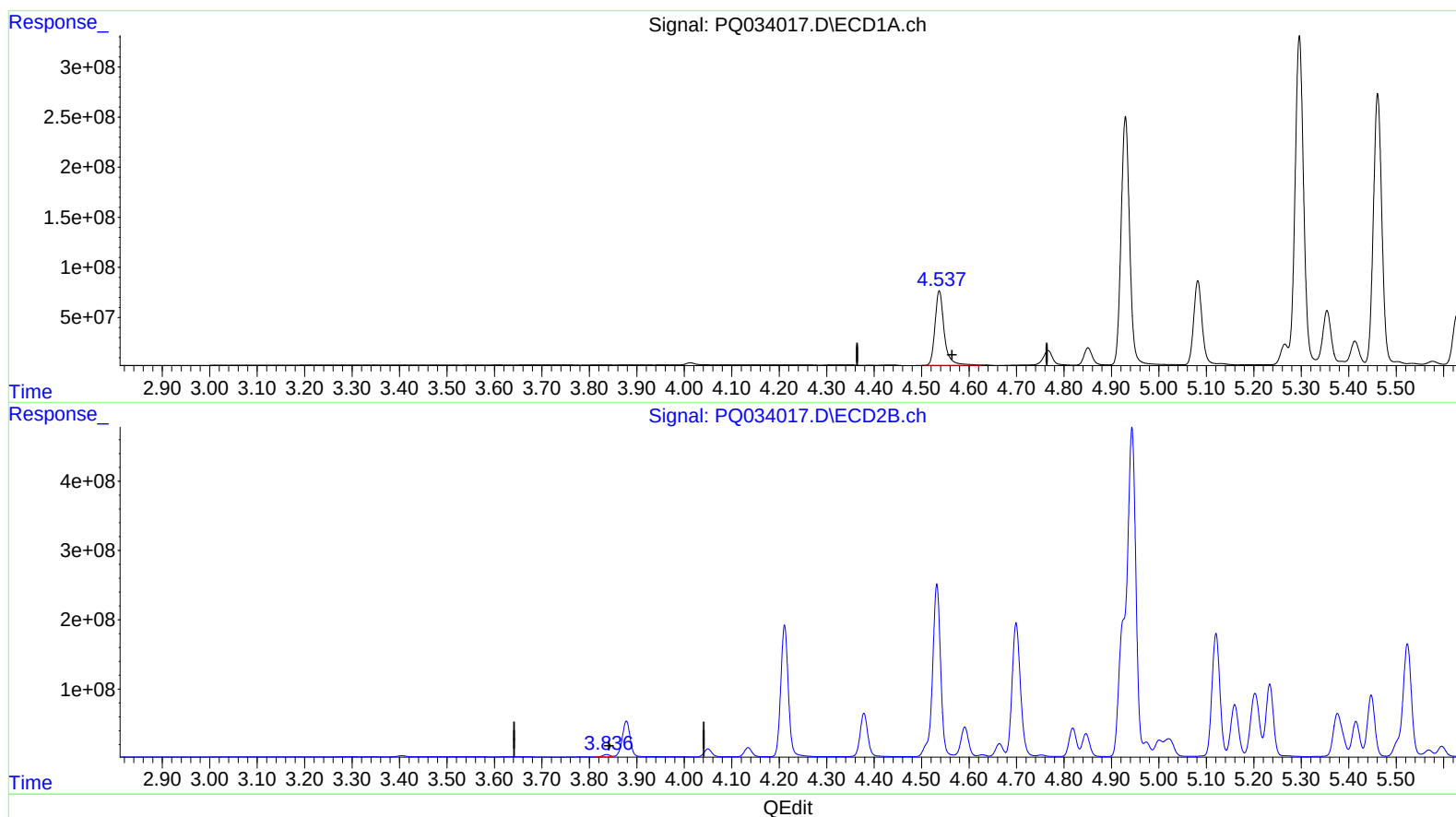
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(1) Tetrachloro-m-xylene (SA)

4.537min 489.142 ng/ml m

response 1003456975

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

3.836min 23.930 ng/ml m

response 37218527

Quantitation Report (QT Reviewed)

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.537	3.836	1003.5E6	37218527	489.142m	23.930m#
2) SA Decachlor...	10.369	8.870	81423737	60744391	43.075m	37.787m

Target Compounds						
16) L4 AR-1242-1	5.731	4.925	2180.7E6	1280.6E6	36542.362m	26318.539m#
17) L4 AR-1242-2	5.752	4.943	8198.8E6	6076.4E6	94404.541m	90021.543m
18) L4 AR-1242-3	5.818	5.120	817.7E6	2040.5E6	15638.212m	55704.152m#
19) L4 AR-1242-4	5.915	5.202	2817.4E6	1099.1E6	65333.217m	29841.306m#
20) L4 AR-1242-5	6.651	5.725	940.9E6	1068.1E6	19085.973	22234.390m

ST 11/13/18

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