

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
Data File : PQ041931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 12:04
Operator : SM\AJ
Sample : K3850-15DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

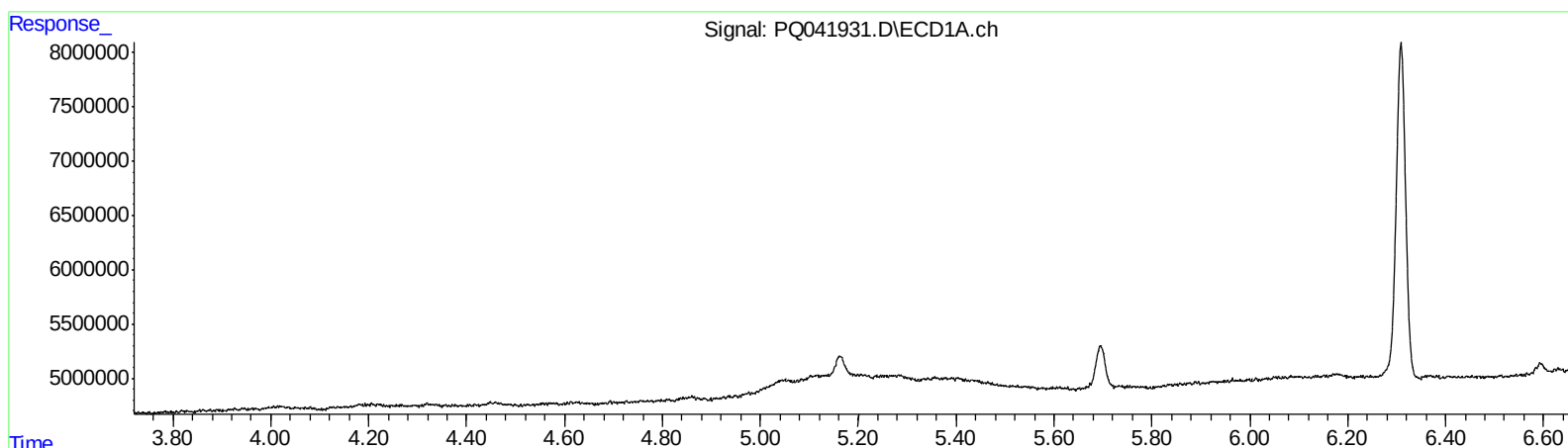
Instrument :
ECD_Q
ClientSampled :
BENS2DL

Manual Integrations
APPROVED

Ankita
8/6/2019 9:06:44 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:52:52 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
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)

0.000min 0.000 ng/ml

response 0

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

4.754min 2.429 ng/ml

response 4681789

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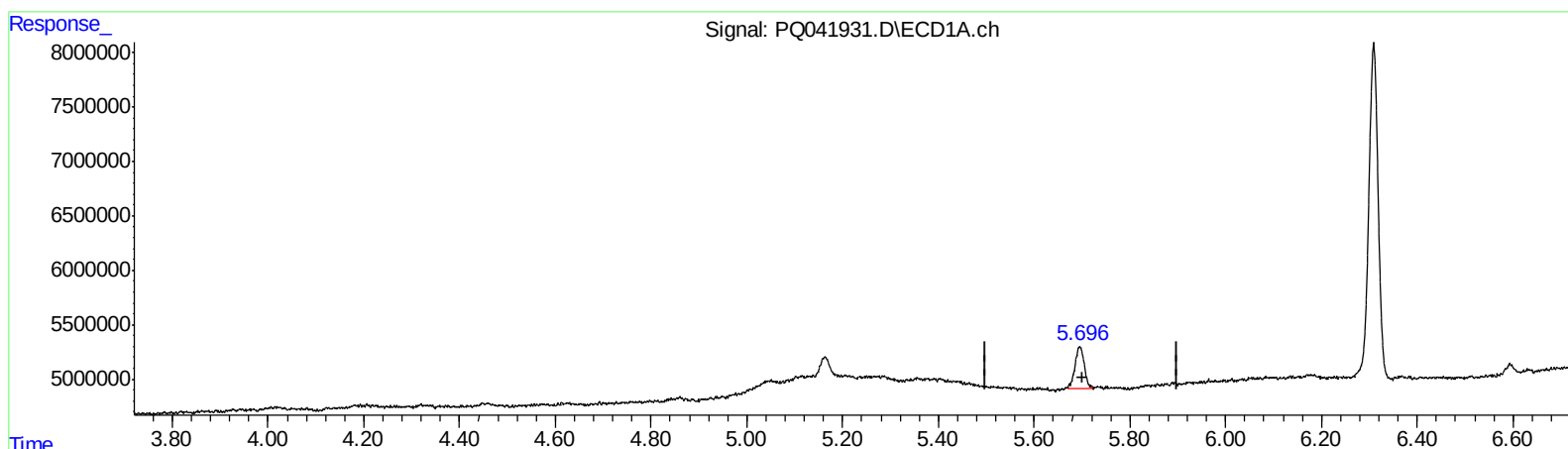
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(1) Tetrachloro-m-xylene (SA)

5.696min 2.257 ng/ml m

response 5175051

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

4.754min 2.429 ng/ml

response 4681789

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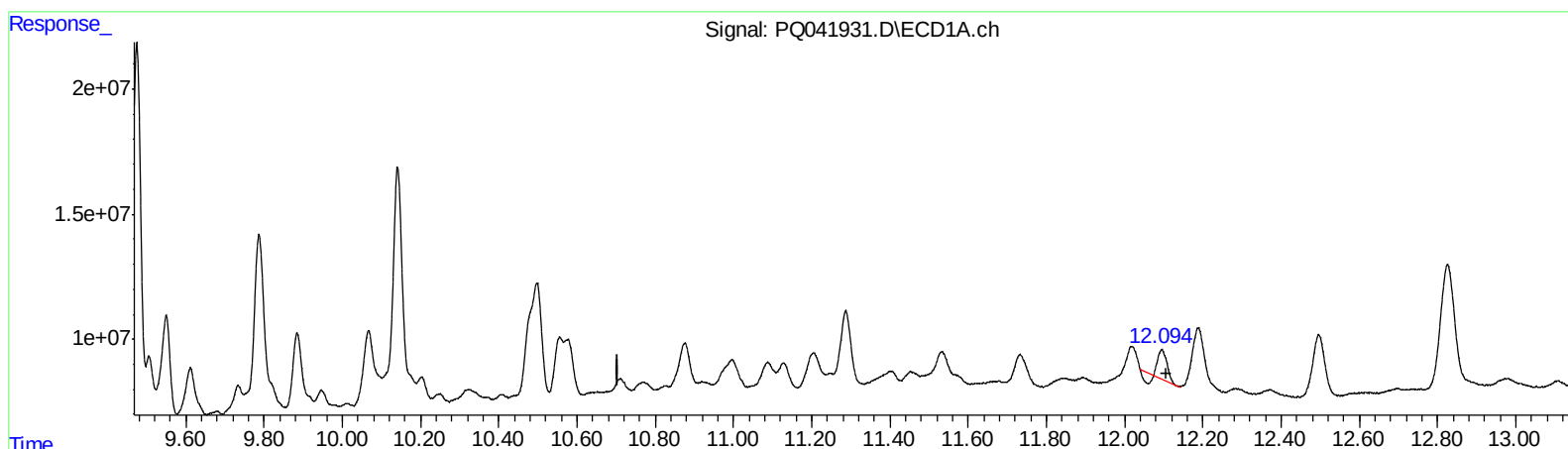
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(2) Decachlorobiphenyl (SA)

12.094min 1.722 ng/ml

response 14522806

(2) Decachlorobiphenyl #2 (SA)

10.511min 1.761 ng/ml

response 8519620

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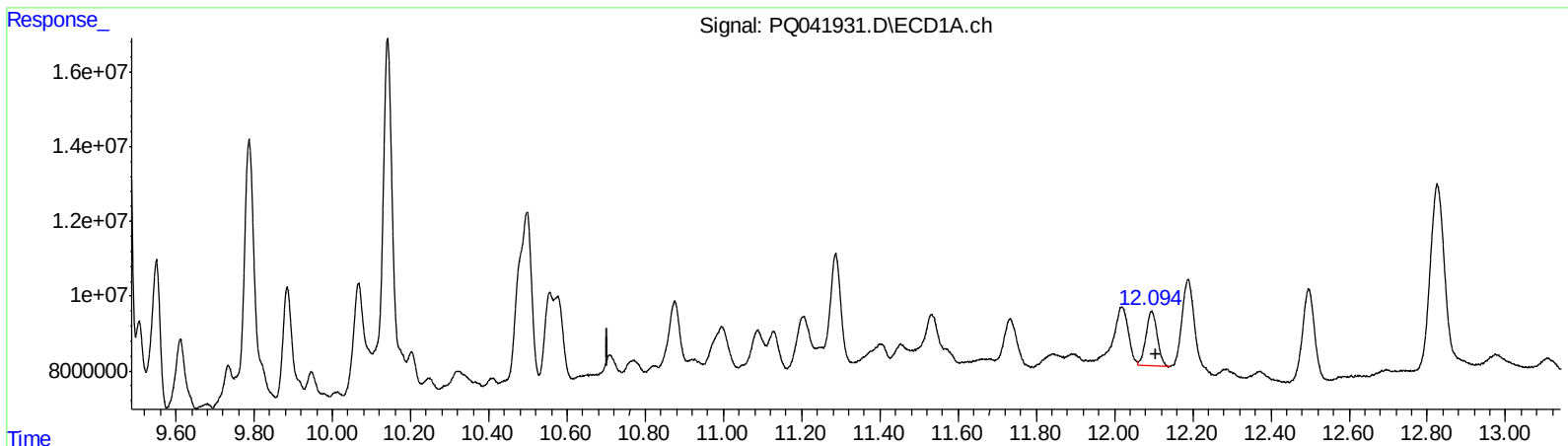
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(2) Decachlorobiphenyl (SA)

12.094min 3.446 ng/ml m

response 29050619

(2) Decachlorobiphenyl #2 (SA)

10.510min 3.459 ng/ml m

response 16731240

(+) = Expected Retention Time

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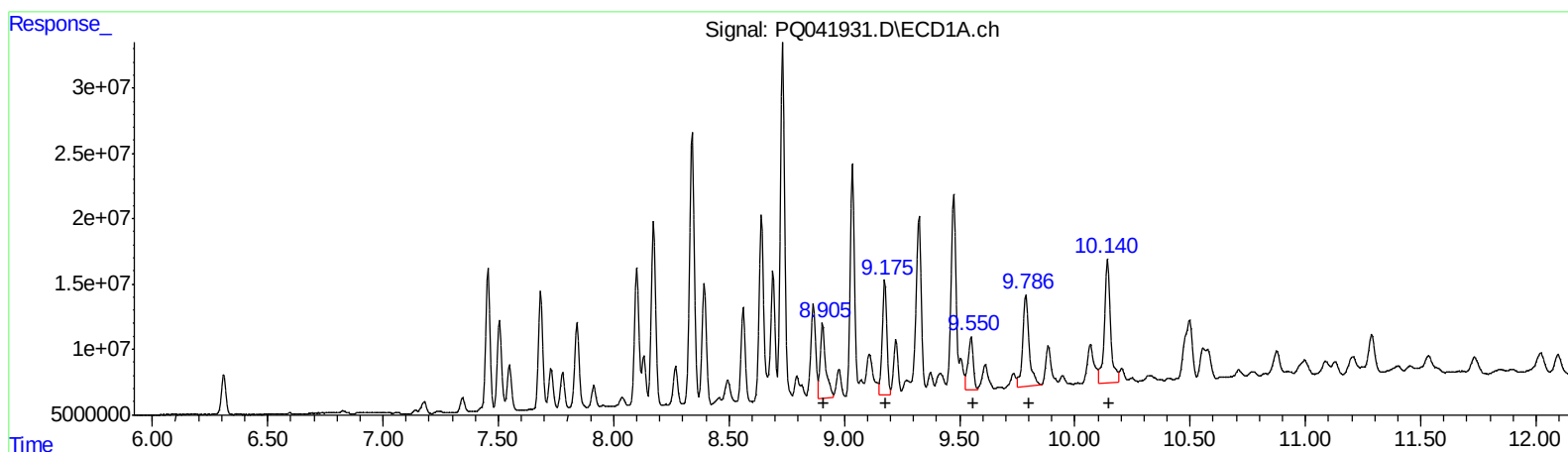
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(31) AR-1260-1 (L7)
R.T. Response Conc
8.91 93493656 525.58
9.18 122047549 483.79
9.55 65227363 284.67
9.79 134862917 528.17
10.14 176463422 261.97

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
7.92 181694749 1001.46
8.12 113487120 462.58
8.28 111399717 523.55
8.78 56174419 277.69
9.03 186160939 315.42

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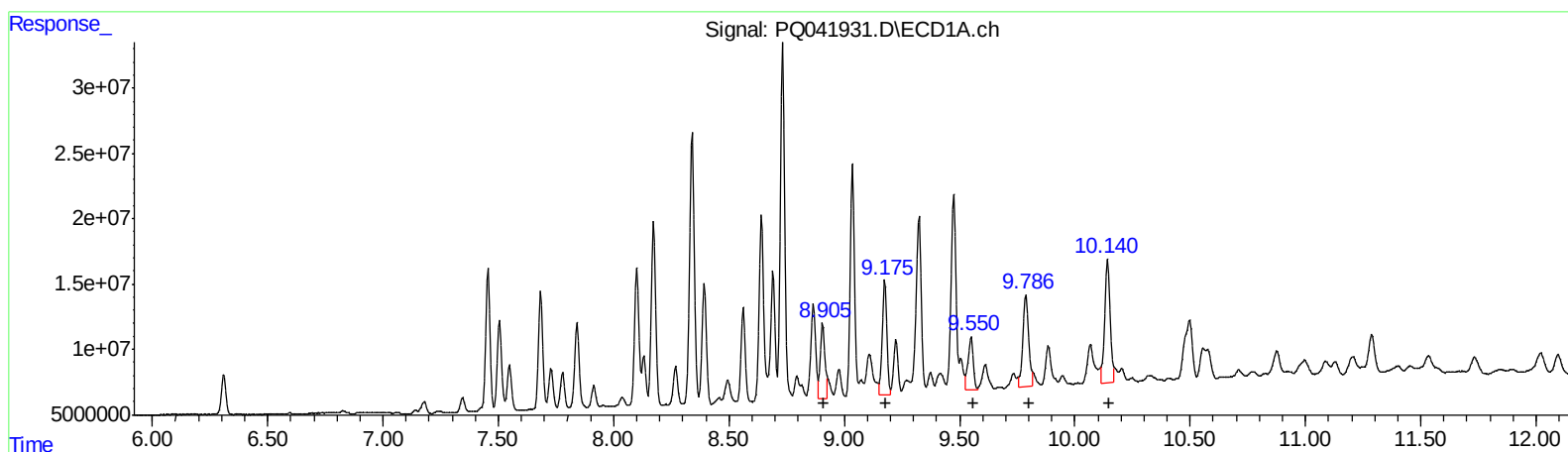
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(31) AR-1260-1 #2 (L7)
R.T. Response Conc
8.91 79790777 448.55
9.18 122047549 483.79
9.55 65227363 284.67
9.79 124742573 488.53
10.14 159054022 236.13

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
7.91 111996362 617.30
8.12 118662680 483.67
8.28 109209216 513.26
8.78 56174419 277.69
9.03 146699253 248.56

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

System Monitoring Compounds						
1) SA Tetrachlo...	5.696	4.754	5175051	4681789	2.257m	2.429
2) SA Decachlor...	12.094	10.510	29050619	16731240	3.446m	3.459m
Target Compounds						
26) L6 AR-1254-1	8.100	7.157	139.5E6	179.4E6	1003.050	980.869
27) L6 AR-1254-2	8.340	7.326	297.1E6	184.5E6	1297.935	1139.753
28) L6 AR-1254-3	8.732	7.773	362.2E6	402.8E6	1324.791	1396.656
29) L6 AR-1254-4	9.035	8.022	229.1E6	221.0E6	930.620	1018.072
30) L6 AR-1254-5	9.475	8.469	226.1E6	229.2E6	834.973	761.960
31) L7 AR-1260-1	8.905	7.914	79790777	112.0E6	448.552m	617.299m#
32) L7 AR-1260-2	9.175	8.118	122.0E6	118.7E6	483.787	483.675m
33) L7 AR-1260-3	9.550	8.282	65227363	109.2E6	284.669	513.255m#
34) L7 AR-1260-4	9.786	8.781	124.7E6	56174419	488.531m	277.693 #
35) L7 AR-1260-5	10.140	9.032	159.1E6	146.7E6	236.128m	248.558m

AJ
 08/06/19

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