

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ103119\  
 Data File : PQ044666.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2019 13:04  
 Operator : HP\AJ  
 Sample : K5111-03  
 Misc : AR1232 MDL 25 PPB  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT4-2019

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 01 07:41:54 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ103019.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 30 15:29:39 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 1) SA Tetrachlo...          | 5.306  | 4.337 | 47519178 | 23569667 | 21.950 | 19.376   |
| 2) SA Decachlor...          | 11.539 | 9.752 | 86296257 | 101.2E6  | 18.184 | 23.707 # |
| Target Compounds            |        |       |          |          |        |          |
| 11) L3 AR-1232-1            | 5.735  | 4.792 | 2148205  | 1250304  | 23.288 | 21.699   |
| 12) L3 AR-1232-2            | 6.326  | 5.634 | 1151375  | 1380758  | 24.076 | 19.891   |
| 13) L3 AR-1232-3            | 6.644  | 5.831 | 2657343  | 767765   | 28.729 | 21.296m# |
| 14) L3 AR-1232-4            | 6.817  | 5.923 | 1189224  | 607295   | 27.439 | 17.223 # |
| 15) L3 AR-1232-5            | 6.914  | 6.113 | 983177   | 569588   | 28.241 | 13.442 # |
| -----                       |        |       |          |          |        |          |

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

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Acq On : 31 Oct 2019 13:04  
Operator : HP\AJ  
Sample : K5111-03  
Misc : AR1232 MDL 25 PPB  
ALS Vial : 16 Sample Multiplier: 1

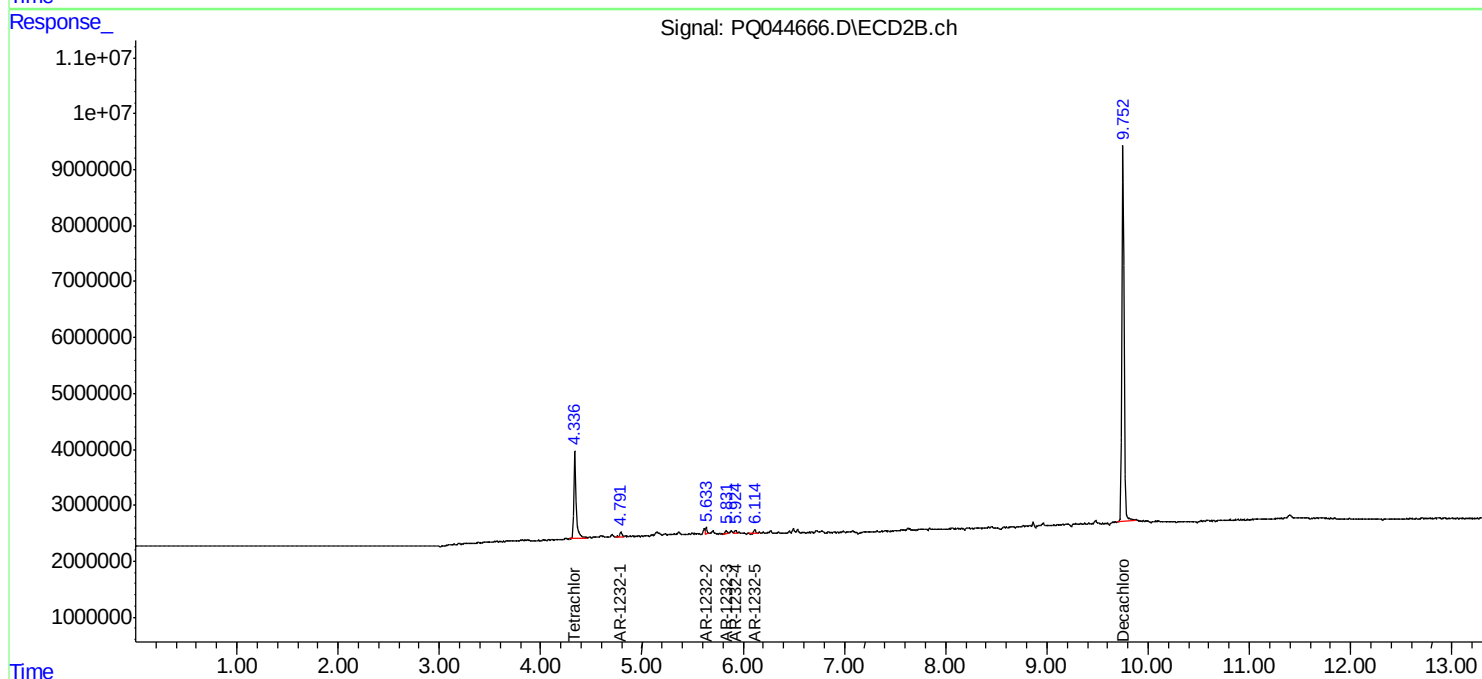
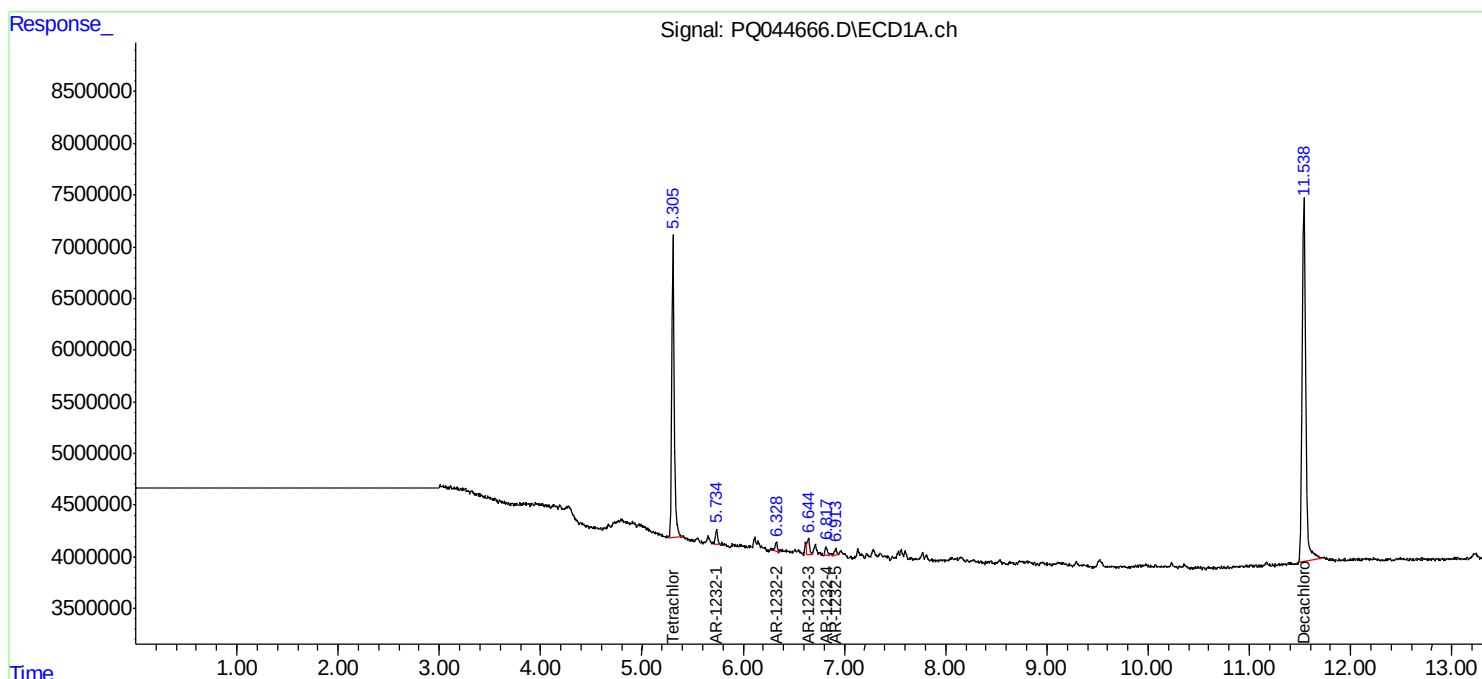
Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-SOIL-03-QT4-2019

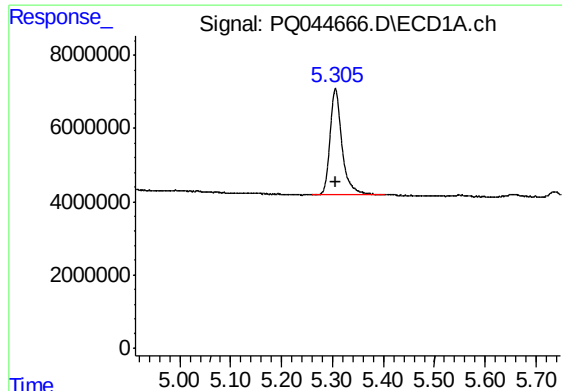
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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QLast Update : Wed Oct 30 15:29:39 2019  
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Volume Inj. : 2 µl  
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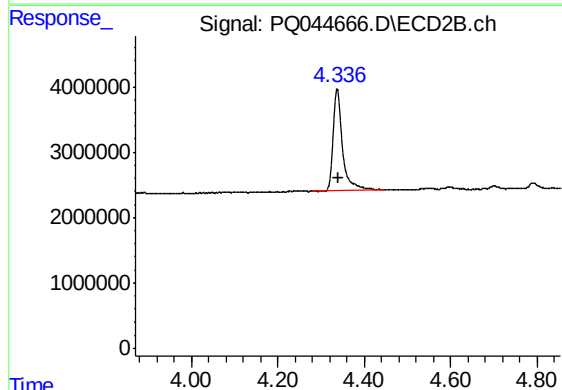
#1 Tetrachloro-m-xylene

R.T.: 5.306 min  
Delta R.T.: 0.000 min  
Response: 47519178  
Conc: 21.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-SOIL-03-QT4-2019

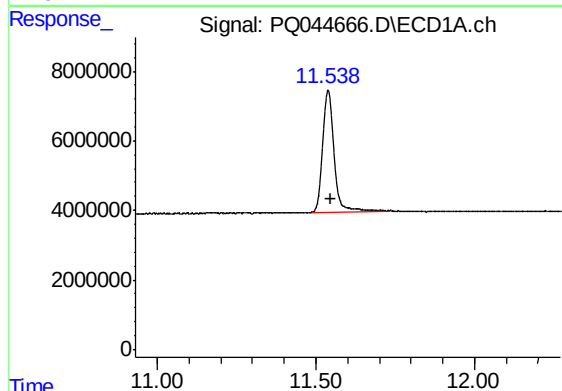
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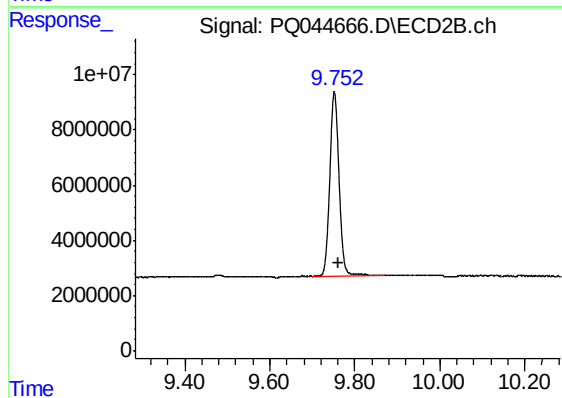
#1 Tetrachloro-m-xylene

R.T.: 4.337 min  
Delta R.T.: -0.003 min  
Response: 23569667  
Conc: 19.38 ng/ml



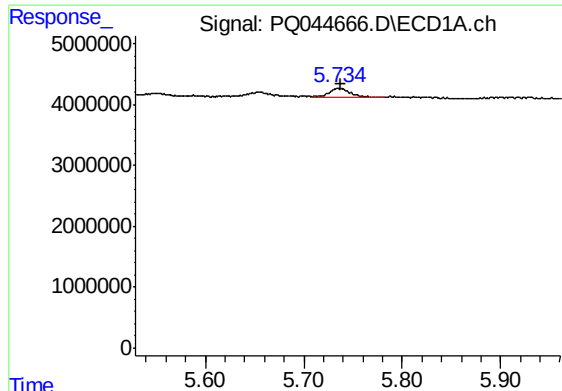
#2 Decachlorobiphenyl

R.T.: 11.539 min  
Delta R.T.: -0.009 min  
Response: 86296257  
Conc: 18.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.752 min  
Delta R.T.: -0.008 min  
Response: 101205726  
Conc: 23.71 ng/ml



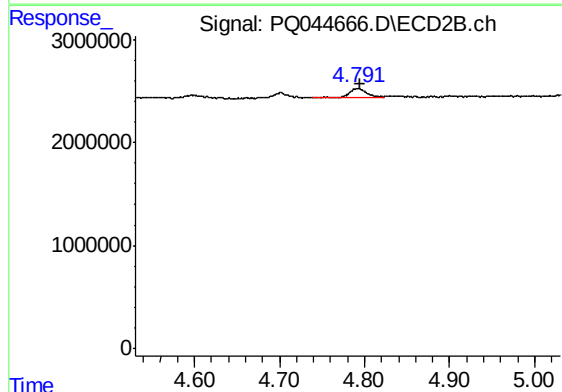
#11 AR-1232-1

R.T.: 5.735 min  
Delta R.T.: -0.003 min  
Response: 2148205  
Conc: 23.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-SOIL-03-QT4-2019

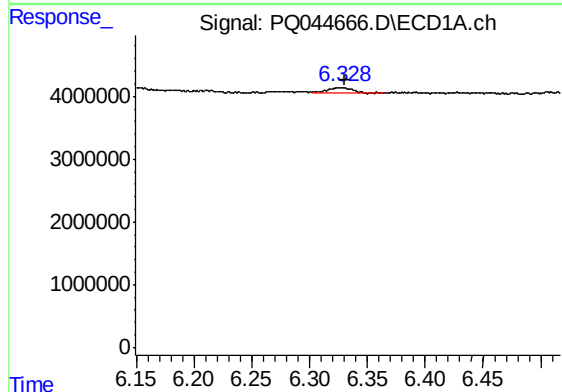
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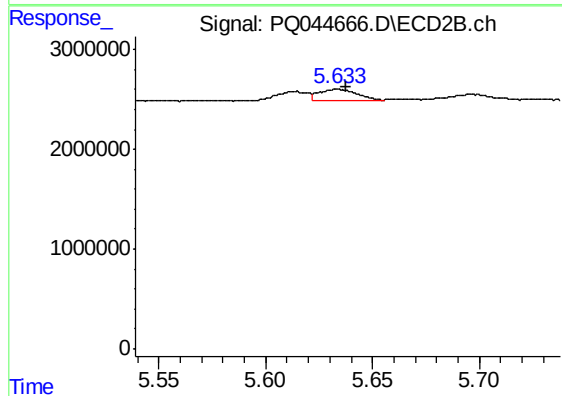
#11 AR-1232-1

R.T.: 4.792 min  
Delta R.T.: -0.002 min  
Response: 1250304  
Conc: 21.70 ng/ml



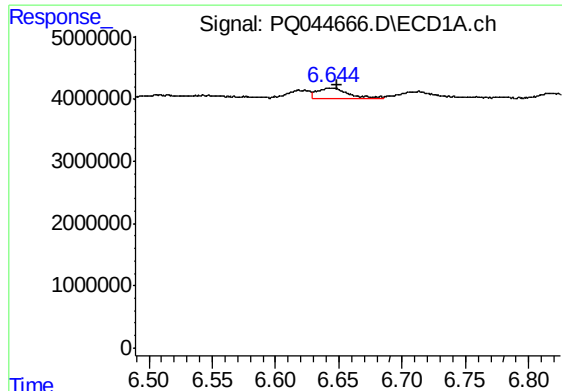
#12 AR-1232-2

R.T.: 6.326 min  
Delta R.T.: -0.005 min  
Response: 1151375  
Conc: 24.08 ng/ml



#12 AR-1232-2

R.T.: 5.634 min  
Delta R.T.: -0.004 min  
Response: 1380758  
Conc: 19.89 ng/ml



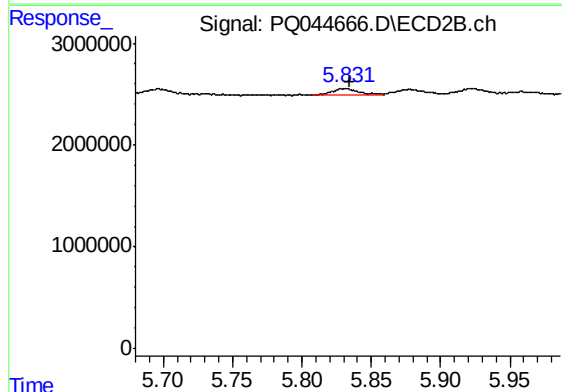
#13 AR-1232-3

R.T.: 6.644 min  
Delta R.T.: -0.004 min  
Response: 2657343  
Conc: 28.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
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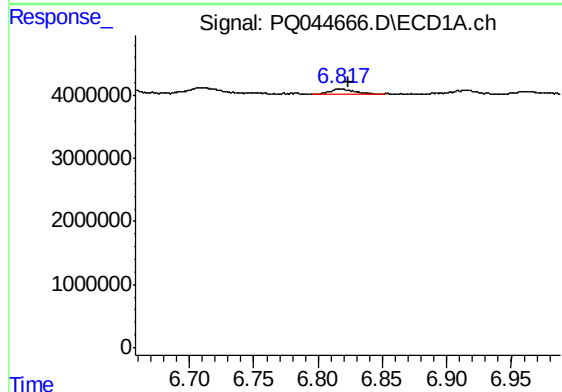
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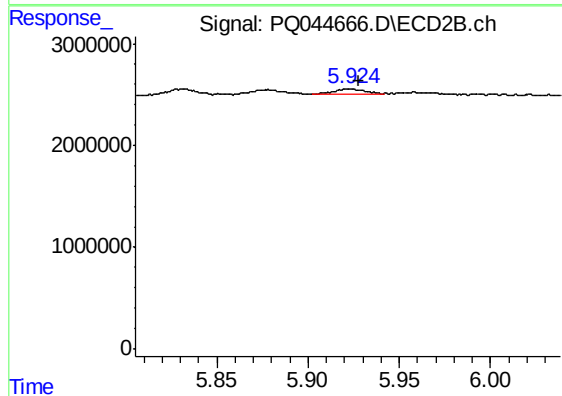
#13 AR-1232-3

R.T.: 5.831 min  
Delta R.T.: -0.003 min  
Response: 767765  
Conc: 21.30 ng/ml m



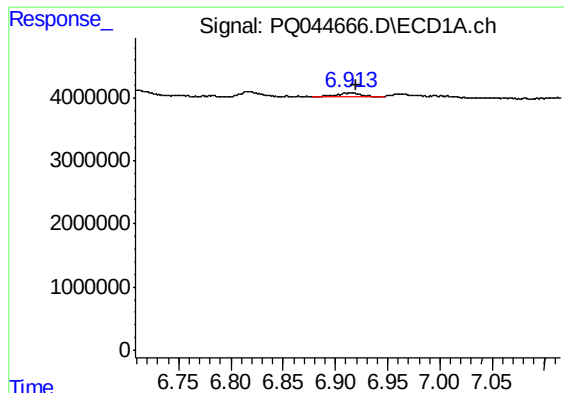
#14 AR-1232-4

R.T.: 6.817 min  
Delta R.T.: -0.006 min  
Response: 1189224  
Conc: 27.44 ng/ml



#14 AR-1232-4

R.T.: 5.923 min  
Delta R.T.: -0.005 min  
Response: 607295  
Conc: 17.22 ng/ml



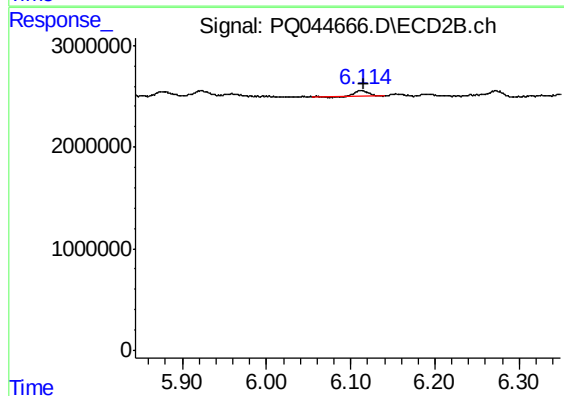
#15 AR-1232-5

R.T.: 6.914 min  
Delta R.T.: -0.005 min  
Response: 983177  
Conc: 28.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
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#15 AR-1232-5

R.T.: 6.113 min  
Delta R.T.: -0.003 min  
Response: 569588  
Conc: 13.44 ng/ml