

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102124\  
 Data File : PQ069217.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2024 20:37  
 Operator : YP\AJ  
 Sample : P4368-07  
 Misc : AR1254 LOD 25 PPB  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024  
 Supervised By :Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 22 01:51:19 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ102124.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Oct 21 15:35:59 2024  
 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... | 3.328 | 2.739 | 180.7E6  | 192.7E6  | 20.031  | 21.344  |
| 2)                          | SA Decachlor... | 8.452 | 7.477 | 129.7E6  | 174.6E6  | 20.075  | 21.110  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 26)                         | L6 AR-1254-1    | 5.231 | 4.480 | 9569734  | 16329833 | 27.389m | 30.993m |
| 27)                         | L6 AR-1254-2    | 5.442 | 4.630 | 16128144 | 11779767 | 29.113m | 23.744m |
| 28)                         | L6 AR-1254-3    | 5.798 | 5.003 | 16071383 | 17257205 | 25.988m | 22.532m |
| 29)                         | L6 AR-1254-4    | 6.080 | 5.230 | 10929107 | 10635777 | 24.778m | 22.801m |
| 30)                         | L6 AR-1254-5    | 6.489 | 5.638 | 11976640 | 14335616 | 24.358m | 26.200m |
| -----                       |                 |       |       |          |          |         |         |

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

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Misc : AR1254 LOD 25 PPB  
ALS Vial : 31 Sample Multiplier: 1

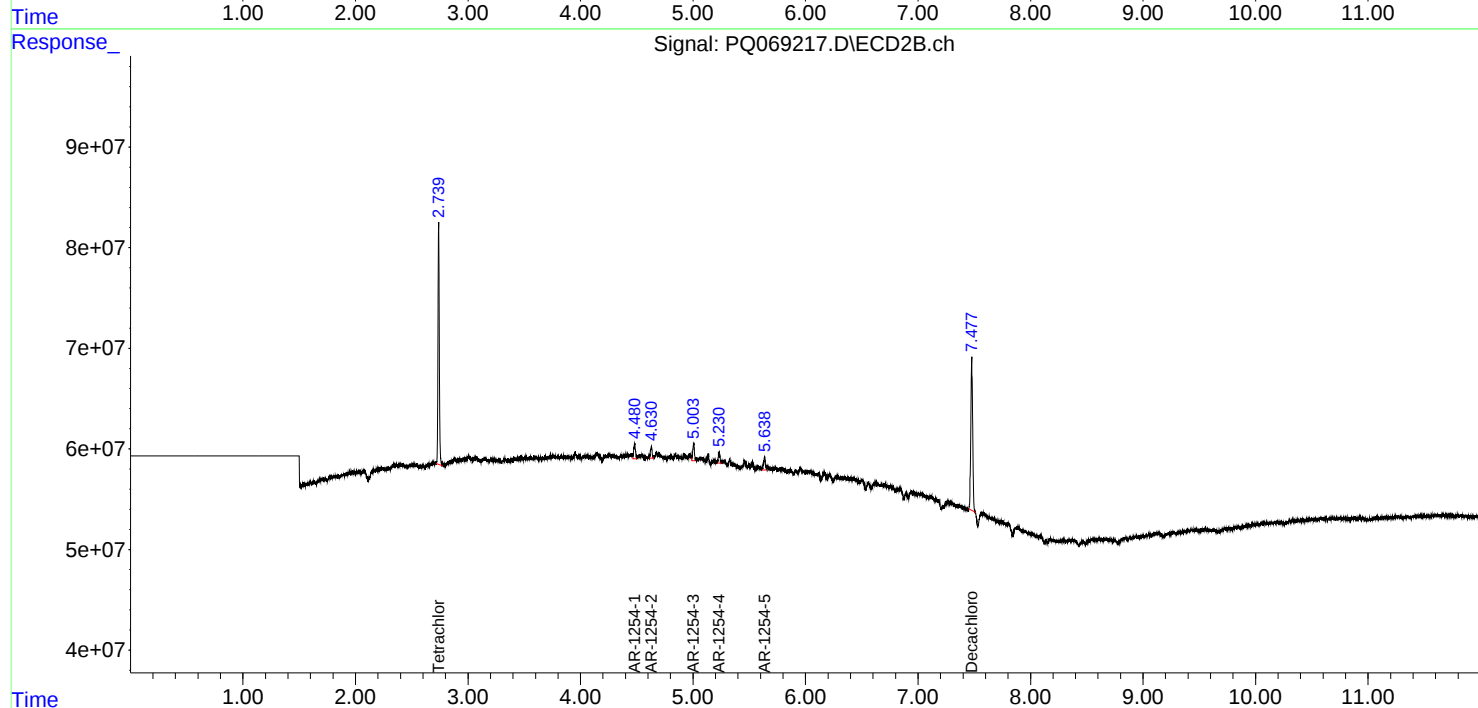
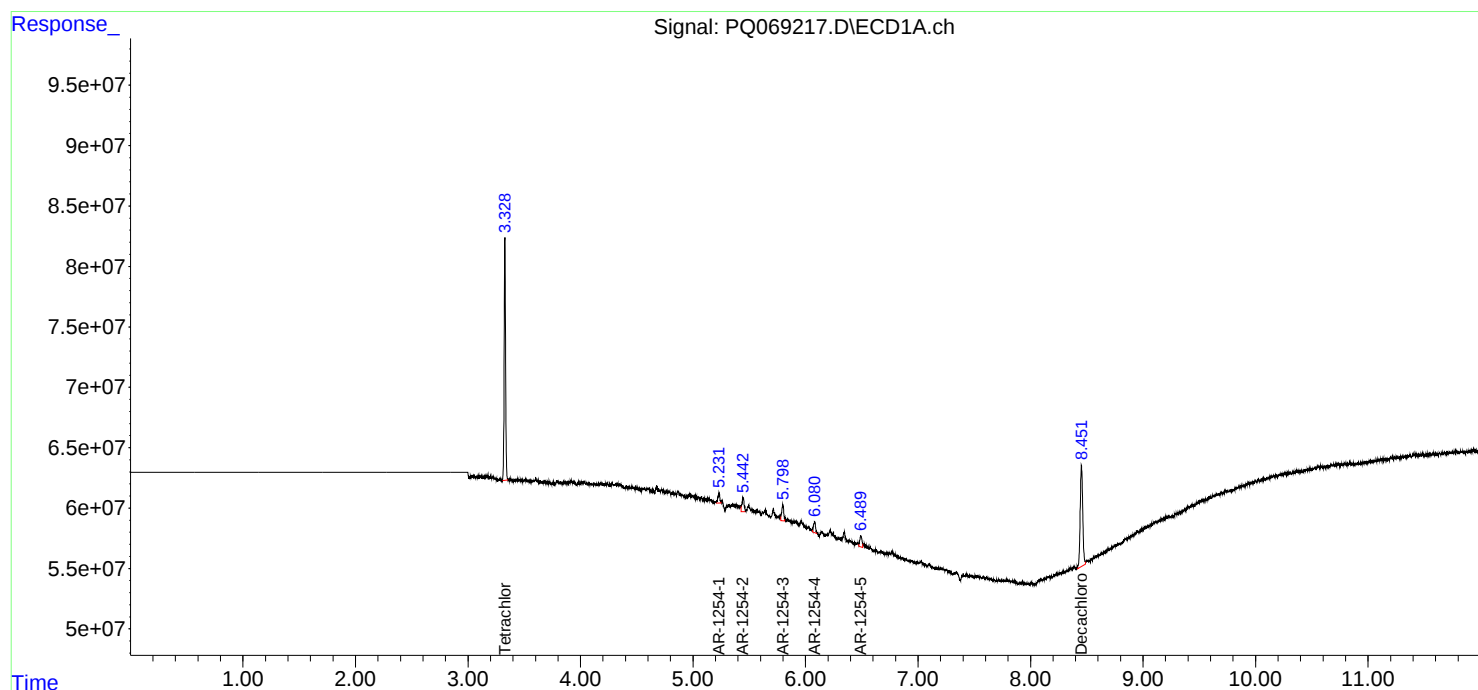
Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

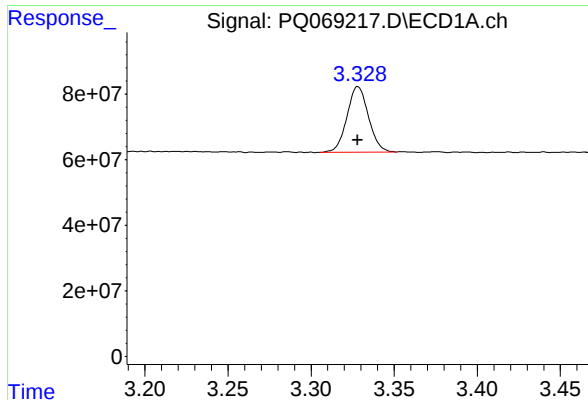
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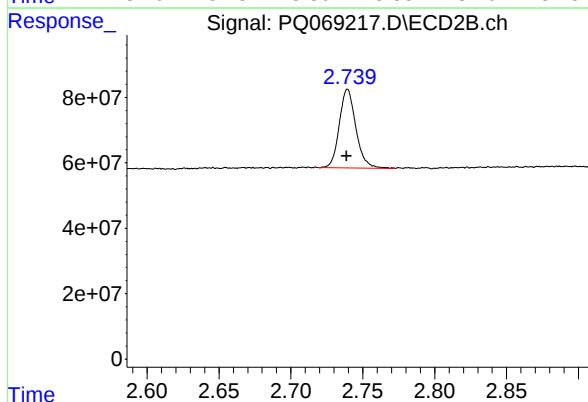
#1 Tetrachloro-m-xylene

R.T.: 3.328 min  
Delta R.T.: 0.000 min  
Response: 180730512  
Conc: 20.03 ng/ml

Instrument :  
ECD\_Q  
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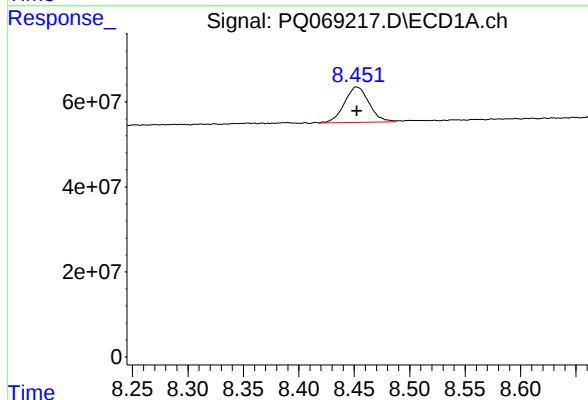
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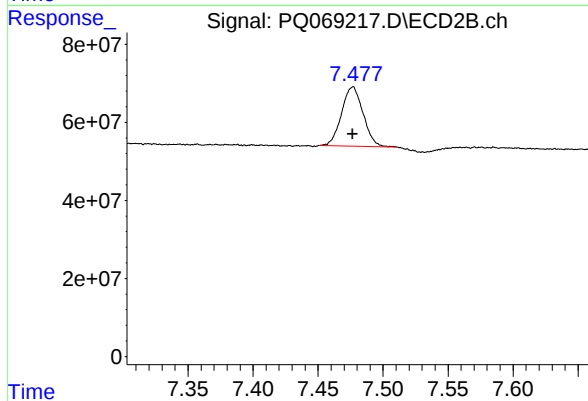
#1 Tetrachloro-m-xylene

R.T.: 2.739 min  
Delta R.T.: 0.000 min  
Response: 192686594  
Conc: 21.34 ng/ml



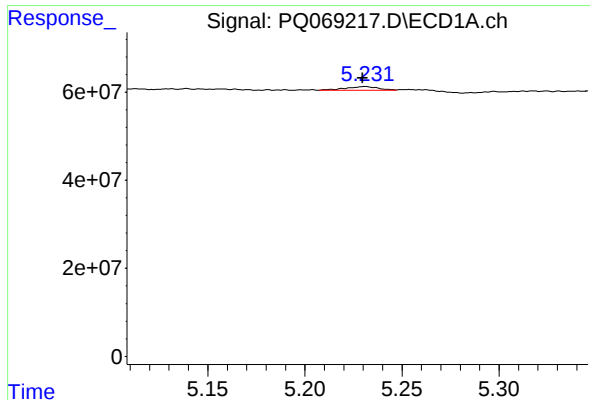
#2 Decachlorobiphenyl

R.T.: 8.452 min  
Delta R.T.: 0.000 min  
Response: 129664961  
Conc: 20.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.477 min  
Delta R.T.: 0.000 min  
Response: 174643988  
Conc: 21.11 ng/ml



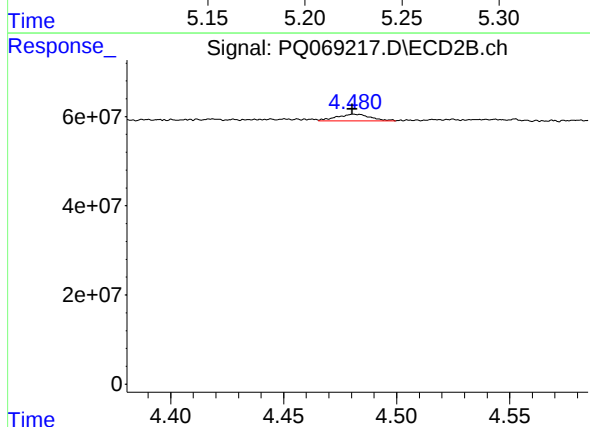
#26 AR-1254-1

R.T.: 5.231 min  
Delta R.T.: 0.001 min  
Response: 9569734  
Conc: 27.39 ng/ml

Instrument :  
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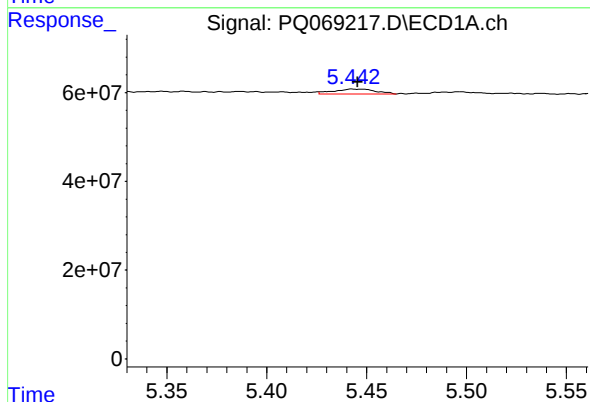
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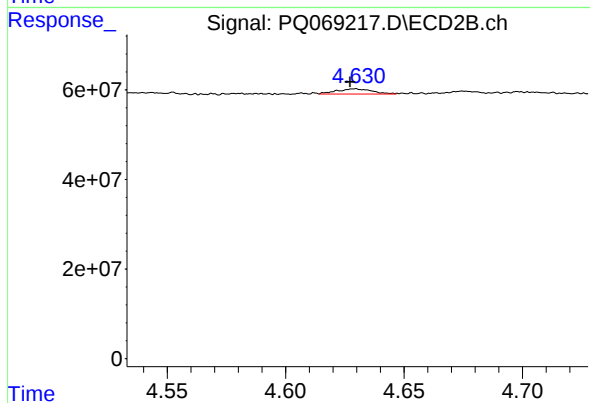
#26 AR-1254-1

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 16329833  
Conc: 30.99 ng/ml



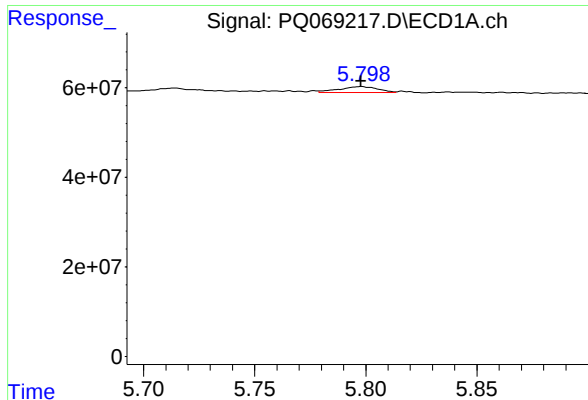
#27 AR-1254-2

R.T.: 5.442 min  
Delta R.T.: -0.004 min  
Response: 16128144  
Conc: 29.11 ng/ml



#27 AR-1254-2

R.T.: 4.630 min  
Delta R.T.: 0.002 min  
Response: 11779767  
Conc: 23.74 ng/ml



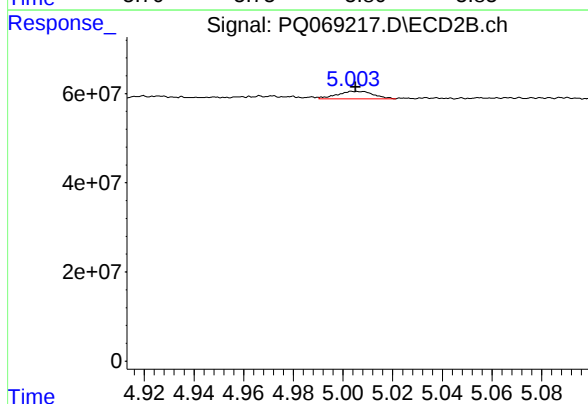
#28 AR-1254-3

R.T.: 5.798 min  
Delta R.T.: 0.000 min  
Response: 16071383  
Conc: 25.99 ng/ml

Instrument :  
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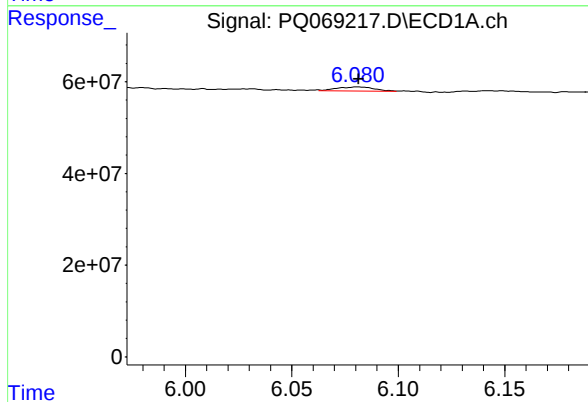
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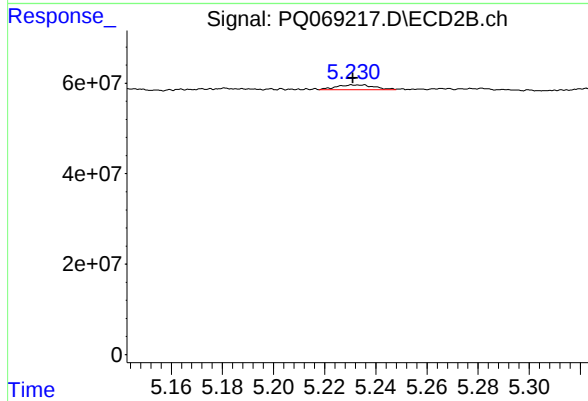
#28 AR-1254-3

R.T.: 5.003 min  
Delta R.T.: -0.002 min  
Response: 17257205  
Conc: 22.53 ng/ml



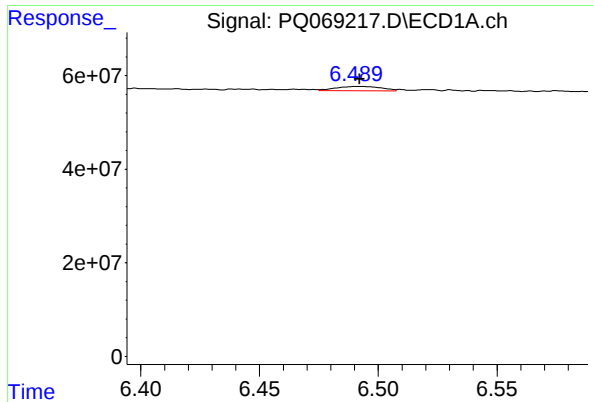
#29 AR-1254-4

R.T.: 6.080 min  
Delta R.T.: -0.002 min  
Response: 10929107  
Conc: 24.78 ng/ml



#29 AR-1254-4

R.T.: 5.230 min  
Delta R.T.: 0.000 min  
Response: 10635777  
Conc: 22.80 ng/ml



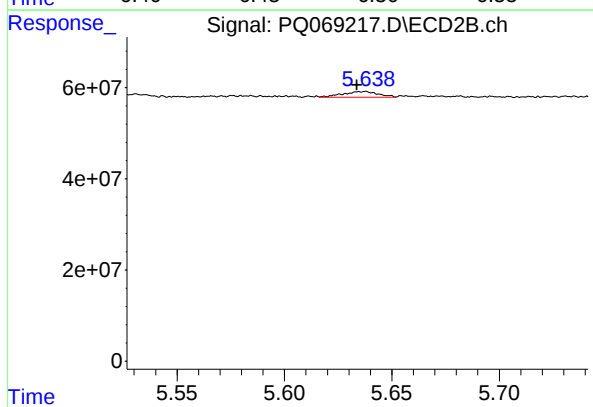
#30 AR-1254-5

R.T.: 6.489 min  
Delta R.T.: -0.003 min  
Response: 11976640  
Conc: 24.36 ng/ml

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#30 AR-1254-5

R.T.: 5.638 min  
Delta R.T.: 0.004 min  
Response: 14335616  
Conc: 26.20 ng/ml