

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR012724\  
 Data File : PR065284.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jan 2024 20:35  
 Operator : AJ\MA  
 Sample : P1187-07  
 Misc : AR1221 LOD 40 PPB  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2024

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 01/29/2024  
 Supervised By :Sohil Jodhani 01/29/2024

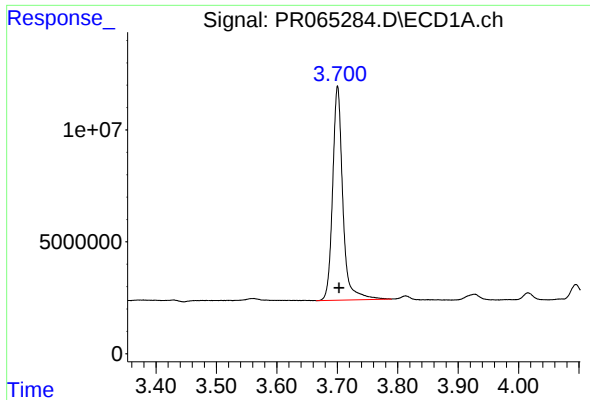
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 27 00:36:48 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR011924.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jan 19 20:49:45 2024  
 Response via : Initial Calibration  
 Integrator: 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...          | 3.701 | 3.003 | 112.2E6  | 104.0E6  | 18.800  | 19.007m |
| 2) SA Decachlor...          | 9.739 | 8.374 | 80610652 | 92173735 | 20.155  | 19.476  |
| Target Compounds            |       |       |          |          |         |         |
| 8) L2 AR-1221-1             | 3.927 | 3.233 | 4198014  | 3104324  | 58.490  | 50.130  |
| 9) L2 AR-1221-2             | 4.015 | 3.319 | 3299447  | 3353204  | 62.938m | 70.305  |
| 10) L2 AR-1221-3            | 4.095 | 3.400 | 8530332  | 7464919  | 55.522m | 54.042  |
| -----                       |       |       |          |          |         |         |

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





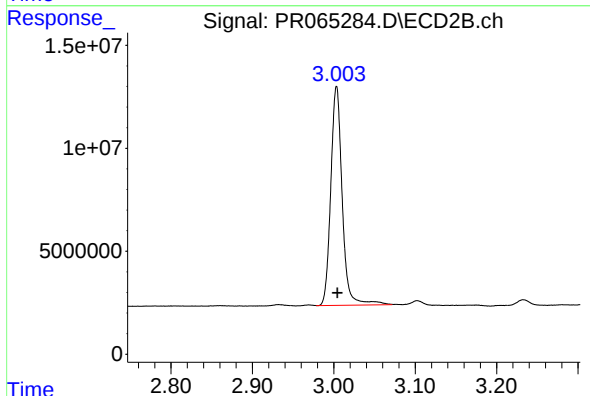
#1 Tetrachloro-m-xylene

R.T.: 3.701 min  
Delta R.T.: -0.002 min  
Response: 112220557  
Conc: 18.80 ng/ml

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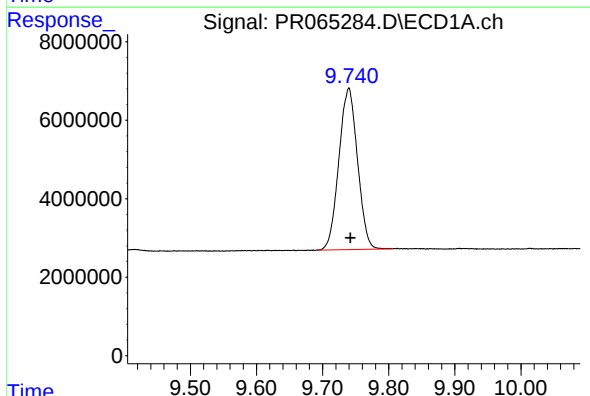
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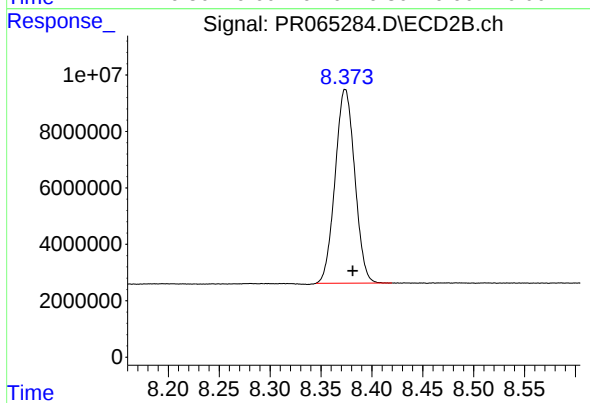
#1 Tetrachloro-m-xylene

R.T.: 3.003 min  
Delta R.T.: -0.001 min  
Response: 103966885  
Conc: 19.01 ng/ml m



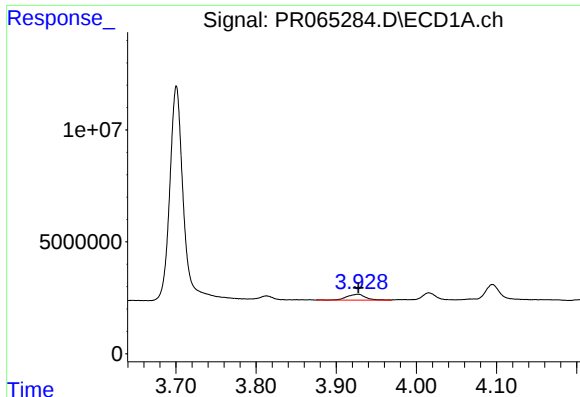
#2 Decachlorobiphenyl

R.T.: 9.739 min  
Delta R.T.: -0.003 min  
Response: 80610652  
Conc: 20.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.374 min  
Delta R.T.: -0.007 min  
Response: 92173735  
Conc: 19.48 ng/ml



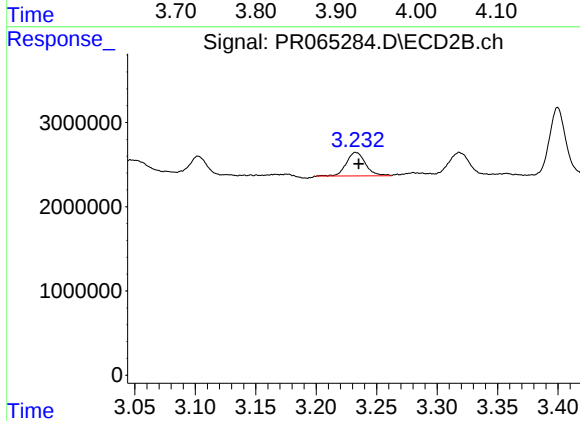
#8 AR-1221-1

R.T.: 3.927 min  
Delta R.T.: 0.000 min  
Response: 4198014  
Conc: 58.49 ng/ml

Instrument :  
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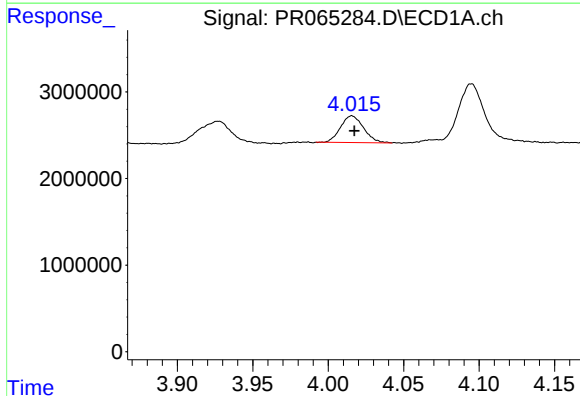
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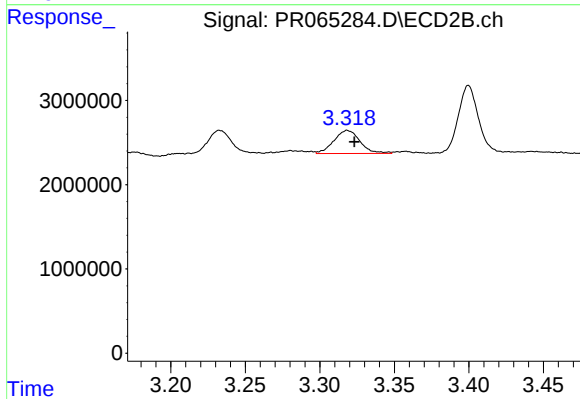
#8 AR-1221-1

R.T.: 3.233 min  
Delta R.T.: -0.002 min  
Response: 3104324  
Conc: 50.13 ng/ml



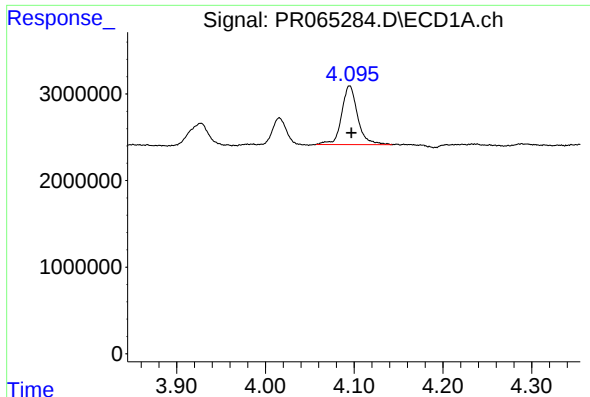
#9 AR-1221-2

R.T.: 4.015 min  
Delta R.T.: -0.002 min  
Response: 3299447  
Conc: 62.94 ng/ml m



#9 AR-1221-2

R.T.: 3.319 min  
Delta R.T.: -0.005 min  
Response: 3353204  
Conc: 70.30 ng/ml



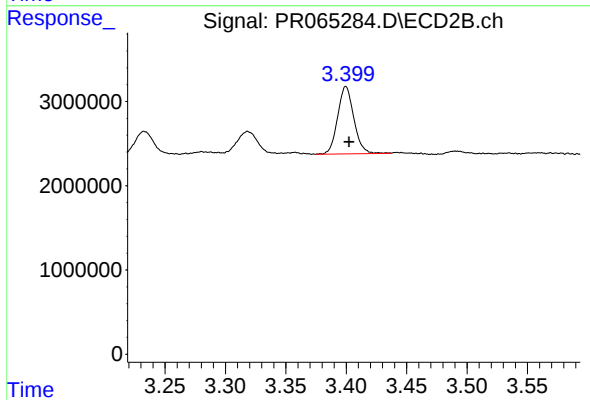
#10 AR-1221-3

R.T.: 4.095 min  
Delta R.T.: -0.002 min  
Response: 8530332  
Conc: 55.52 ng/ml

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#10 AR-1221-3

R.T.: 3.400 min  
Delta R.T.: -0.003 min  
Response: 7464919  
Conc: 54.04 ng/ml