

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR012724\  
 Data File : PR065254.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jan 2024 13:10  
 Operator : AJ\MA  
 Sample : P1187-08  
 Misc : AR1221 LOQ 50 PPB  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2024

Manual Integrations  
 APPROVED

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

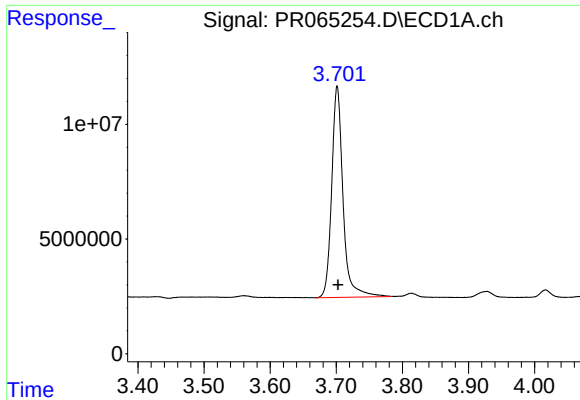
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 27 00:26:09 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR011924.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jan 19 20:49:45 2024  
 Response via : Initial Calibration  
 Integrator: 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 | 3.004 | 109.6E6  | 99915719 | 18.361  | 18.267  |
| 2) SA Decachlor...          | 9.739 | 8.373 | 80807797 | 91375685 | 20.204  | 19.307m |
| Target Compounds            |       |       |          |          |         |         |
| 8) L2 AR-1221-1             | 3.928 | 3.234 | 4285278  | 3388618  | 59.706m | 54.721  |
| 9) L2 AR-1221-2             | 4.017 | 3.320 | 3625017  | 3356980  | 69.148m | 70.384  |
| 10) L2 AR-1221-3            | 4.095 | 3.401 | 8947795  | 8134900  | 58.239m | 58.893  |
| -----                       |       |       |          |          |         |         |

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





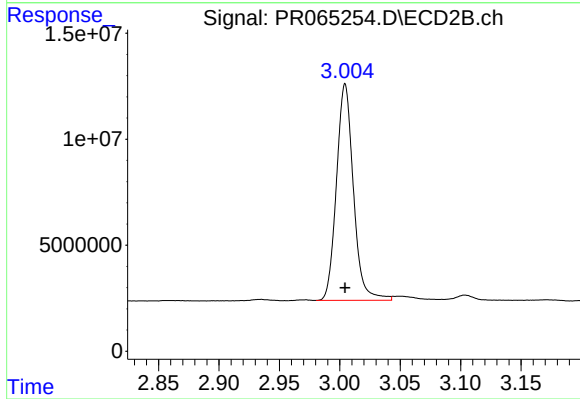
#1 Tetrachloro-m-xylene

R.T.: 3.701 min  
Delta R.T.: -0.002 min  
Response: 109598560  
Conc: 18.36 ng/ml

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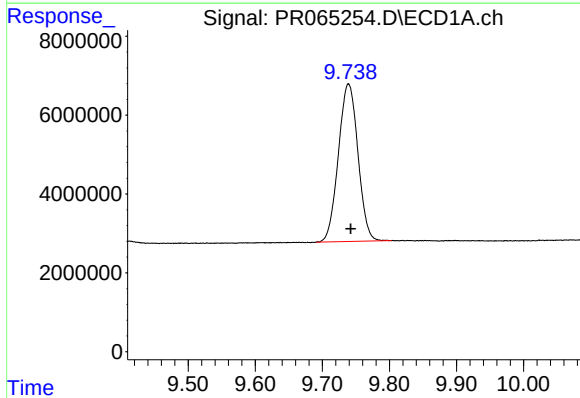
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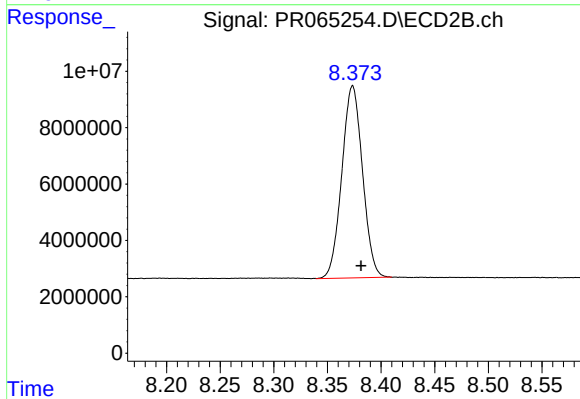
#1 Tetrachloro-m-xylene

R.T.: 3.004 min  
Delta R.T.: 0.000 min  
Response: 99915719  
Conc: 18.27 ng/ml



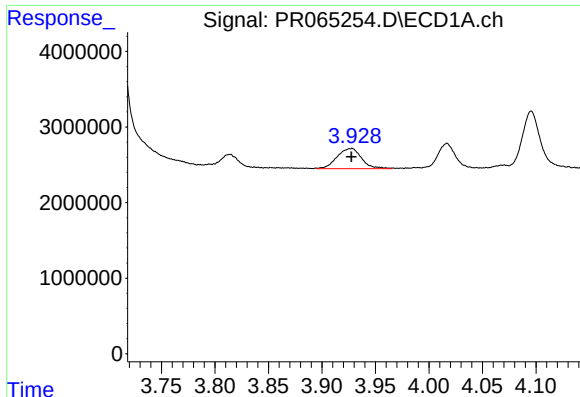
#2 Decachlorobiphenyl

R.T.: 9.739 min  
Delta R.T.: -0.003 min  
Response: 80807797  
Conc: 20.20 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.373 min  
Delta R.T.: -0.008 min  
Response: 91375685  
Conc: 19.31 ng/ml m



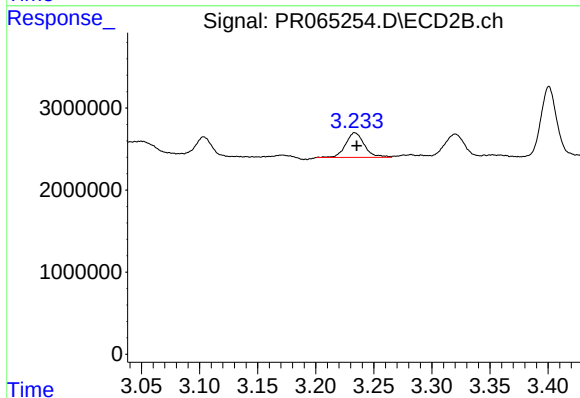
#8 AR-1221-1

R.T.: 3.928 min  
Delta R.T.: 0.000 min  
Response: 4285278  
Conc: 59.71 ng/ml

Instrument :  
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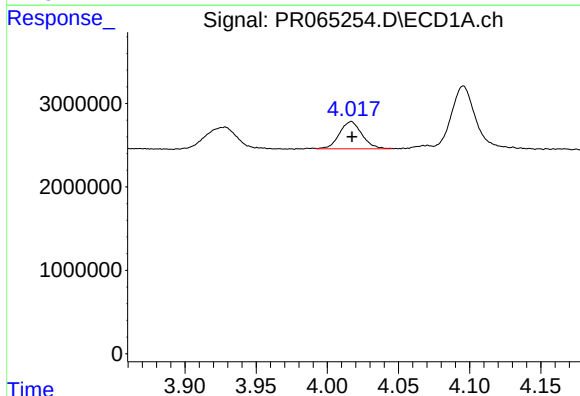
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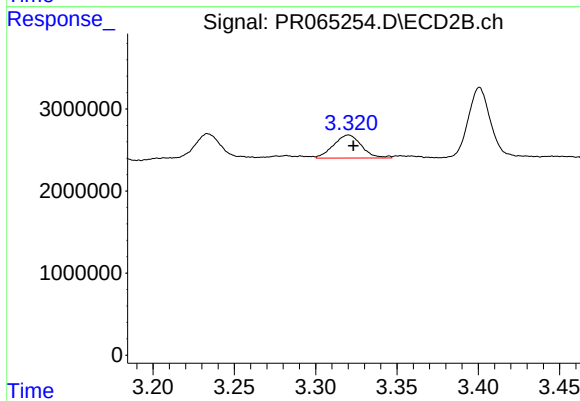
#8 AR-1221-1

R.T.: 3.234 min  
Delta R.T.: -0.002 min  
Response: 3388618  
Conc: 54.72 ng/ml



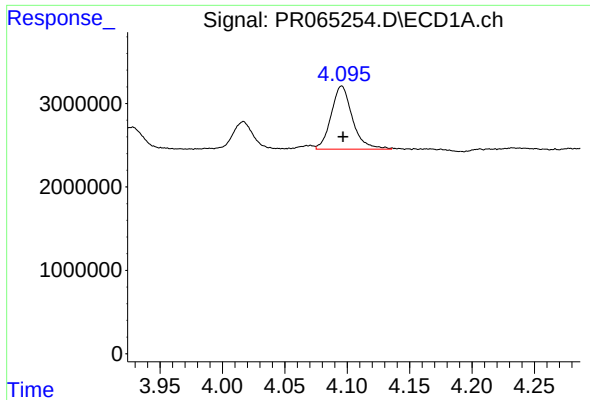
#9 AR-1221-2

R.T.: 4.017 min  
Delta R.T.: 0.000 min  
Response: 3625017  
Conc: 69.15 ng/ml m



#9 AR-1221-2

R.T.: 3.320 min  
Delta R.T.: -0.003 min  
Response: 3356980  
Conc: 70.38 ng/ml



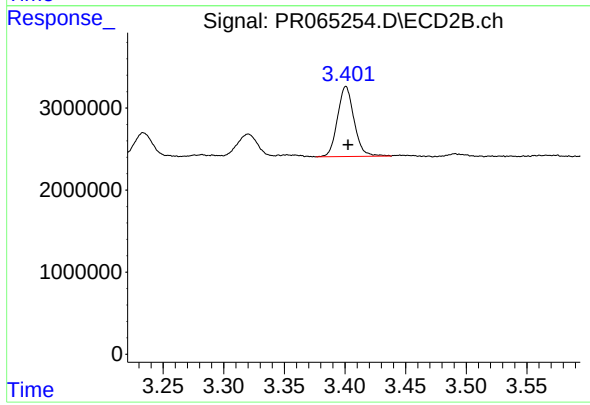
#10 AR-1221-3

R.T.: 4.095 min  
Delta R.T.: -0.001 min  
Response: 8947795  
Conc: 58.24 ng/ml

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#10 AR-1221-3

R.T.: 3.401 min  
Delta R.T.: -0.002 min  
Response: 8134900  
Conc: 58.89 ng/ml