

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD063023\  
 Data File : PD076253.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jun 2023 17:21  
 Operator : AR\AJ  
 Sample : 03473-10  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 CMC-EME-TOPSOIL-015

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/03/2023  
 Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 01 00:33:16 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 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...          | 3.546 | 2.767 | 20944374 | 10581468 | 9.832  | 9.753   |
| 2) SA Decachlor...          | 9.084 | 7.910 | 19229952 | 8324191  | 7.591  | 8.513   |
| Target Compounds            |       |       |          |          |        |         |
| 11) B alpha-Chl...          | 6.035 | 5.034 | 2742773  | 497024   | 0.848m | 0.362 # |
| 12) B 4,4'-DDE              | 6.203 | 5.224 | 982331   | 469748   | 0.344  | 0.421   |
| -----                       |       |       |          |          |        |         |

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

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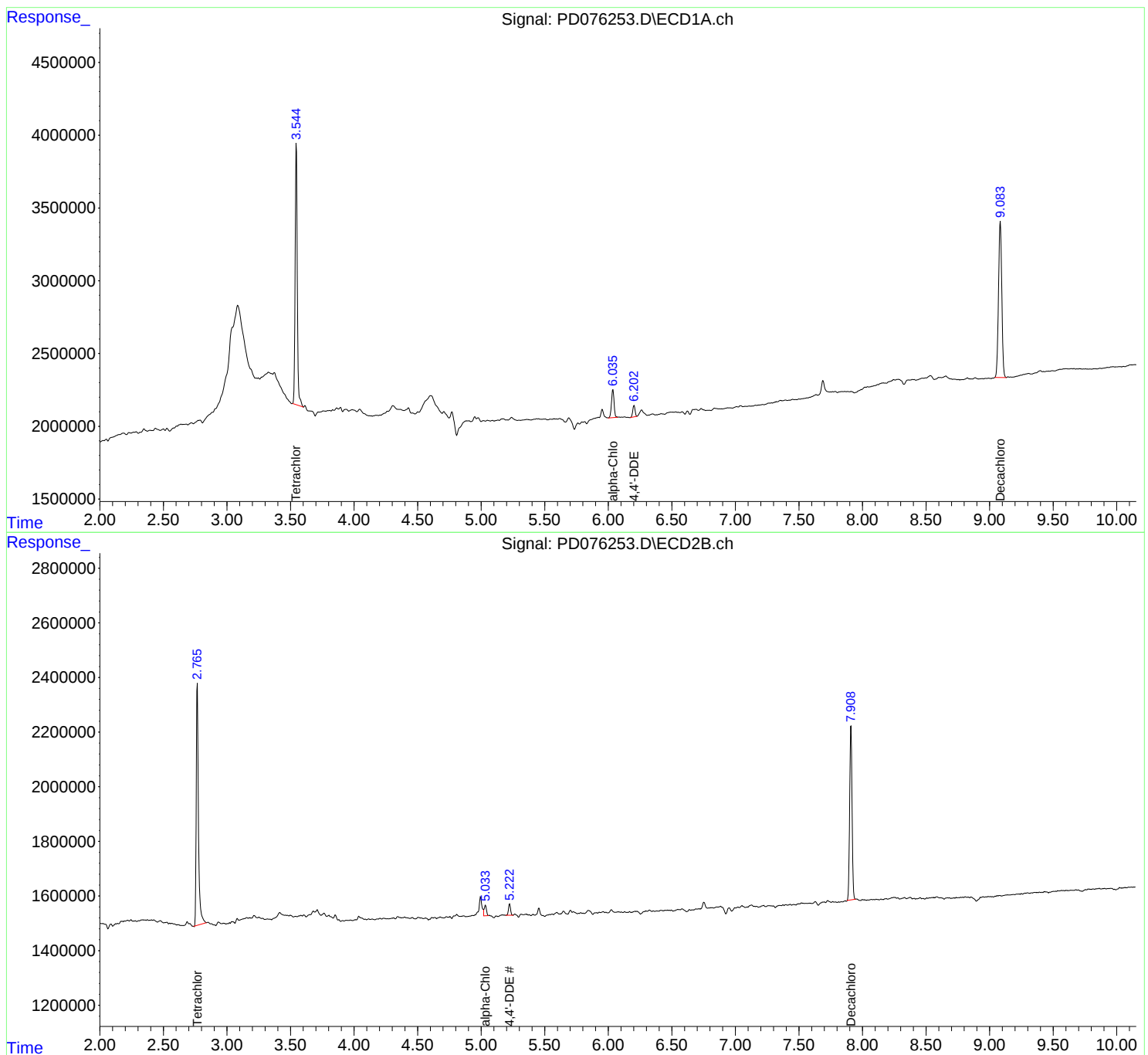
Instrument :  
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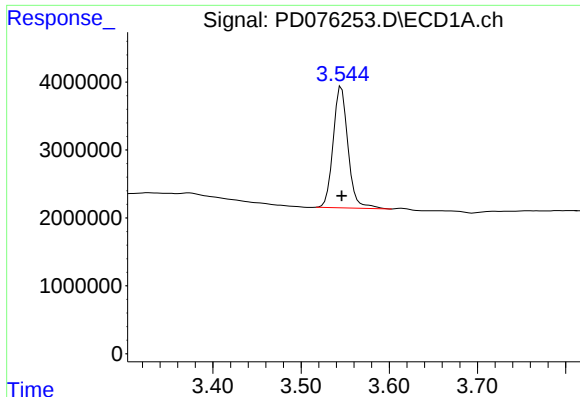
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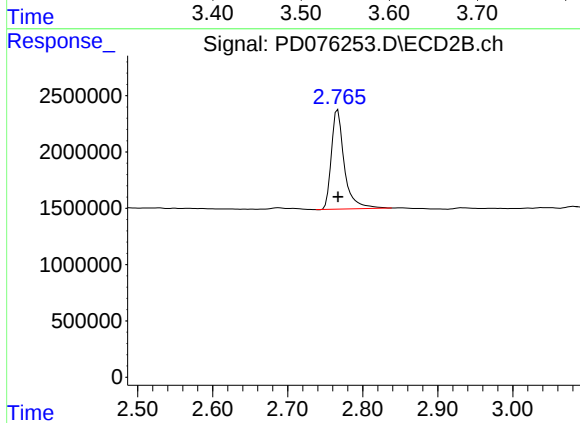
#1 Tetrachloro-m-xylene

R.T.: 3.546 min  
Delta R.T.: 0.000 min  
Response: 20944374  
Conc: 9.83 ng/ml

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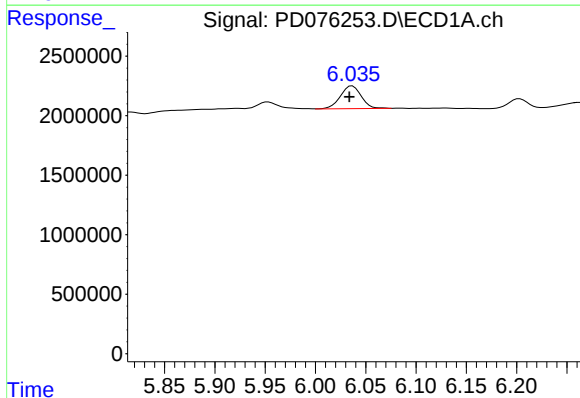
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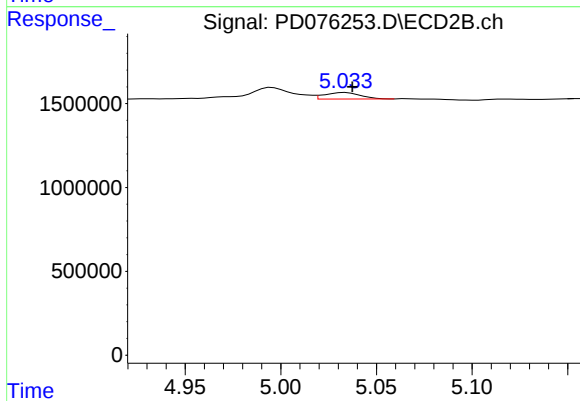
#1 Tetrachloro-m-xylene

R.T.: 2.767 min  
Delta R.T.: 0.000 min  
Response: 10581468  
Conc: 9.75 ng/ml



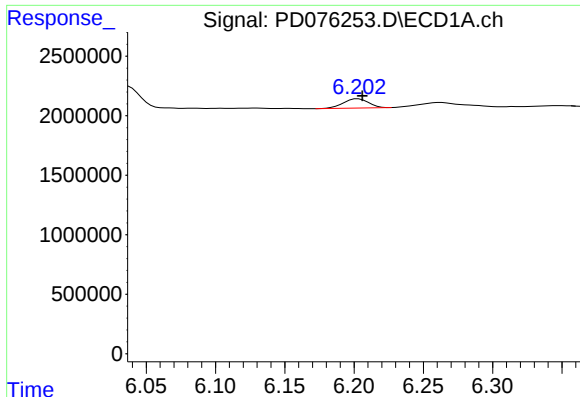
#11 alpha-Chlordane

R.T.: 6.035 min  
Delta R.T.: 0.001 min  
Response: 2742773  
Conc: 0.85 ng/ml m



#11 alpha-Chlordane

R.T.: 5.034 min  
Delta R.T.: -0.004 min  
Response: 497024  
Conc: 0.36 ng/ml



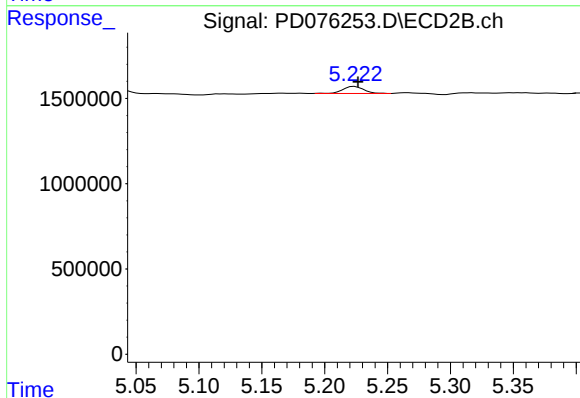
#12 4,4'-DDE

R.T.: 6.203 min  
Delta R.T.: -0.003 min  
Response: 982331  
Conc: 0.34 ng/ml

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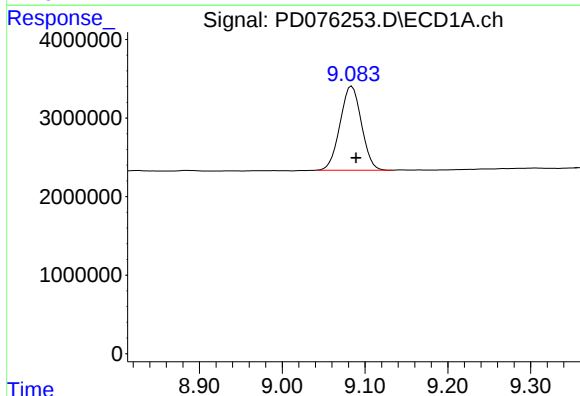
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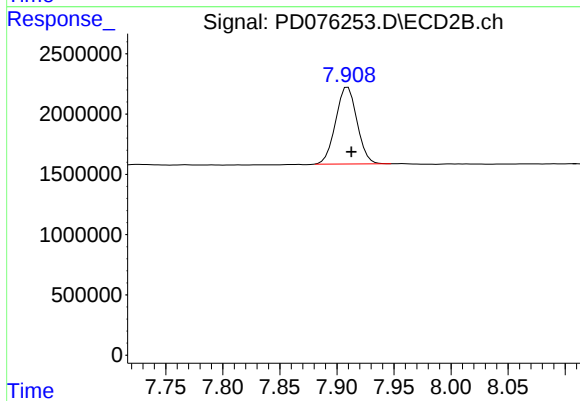
#12 4,4'-DDE

R.T.: 5.224 min  
Delta R.T.: -0.003 min  
Response: 469748  
Conc: 0.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min  
Delta R.T.: -0.005 min  
Response: 19229952  
Conc: 7.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.910 min  
Delta R.T.: -0.003 min  
Response: 8324191  
Conc: 8.51 ng/ml