

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032823\  
 Data File : PL081749.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2023 10:27  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/29/2023  
 Supervised By : Ankita Jodhani 03/29/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 28 20:58:53 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.328 | 2.657 | 41125425 | 36370403 | 17.682  | 18.220  |
| 28) SA Decachlor...         | 8.748 | 7.774 | 30214168 | 36776935 | 16.883  | 18.544  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.777 | 3.156 | 28198132 | 23589678 | 8.225   | 8.093   |
| 3) MA gamma-BHC...          | 4.106 | 3.483 | 26957440 | 22207021 | 8.486   | 7.976   |
| 6) B beta-BHC               | 4.308 | 3.783 | 12273001 | 11156183 | 8.154   | 9.367   |
| 12) B 4,4'-DDE              | 5.960 | 5.097 | 231210   | 676532   | 0.103m  | 0.343m# |
| 14) MA Endrin               | 6.330 | 5.503 | 84360344 | 84978925 | 39.882  | 41.992  |
| 16) A 4,4'-DDD              | 6.471 | 5.670 | 1829357  | 571740   | 1.014m  | 0.377m# |
| 17) MA 4,4'-DDT             | 6.785 | 5.903 | 174.0E6  | 176.3E6  | 85.737  | 102.318 |
| 18) B Endrin al...          | 6.678 | 5.982 | 2181805  | 2701305  | 1.334m  | 1.739 # |
| 20) A Methoxychlor          | 7.266 | 6.482 | 237.4E6  | 251.1E6  | 220.428 | 252.128 |
| 21) B Endrin ke...          | 7.394 | 6.704 | 2452829  | 4768869  | 1.171m  | 2.232m# |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032823\  
Data File : PL081749.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Mar 2023 10:27  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

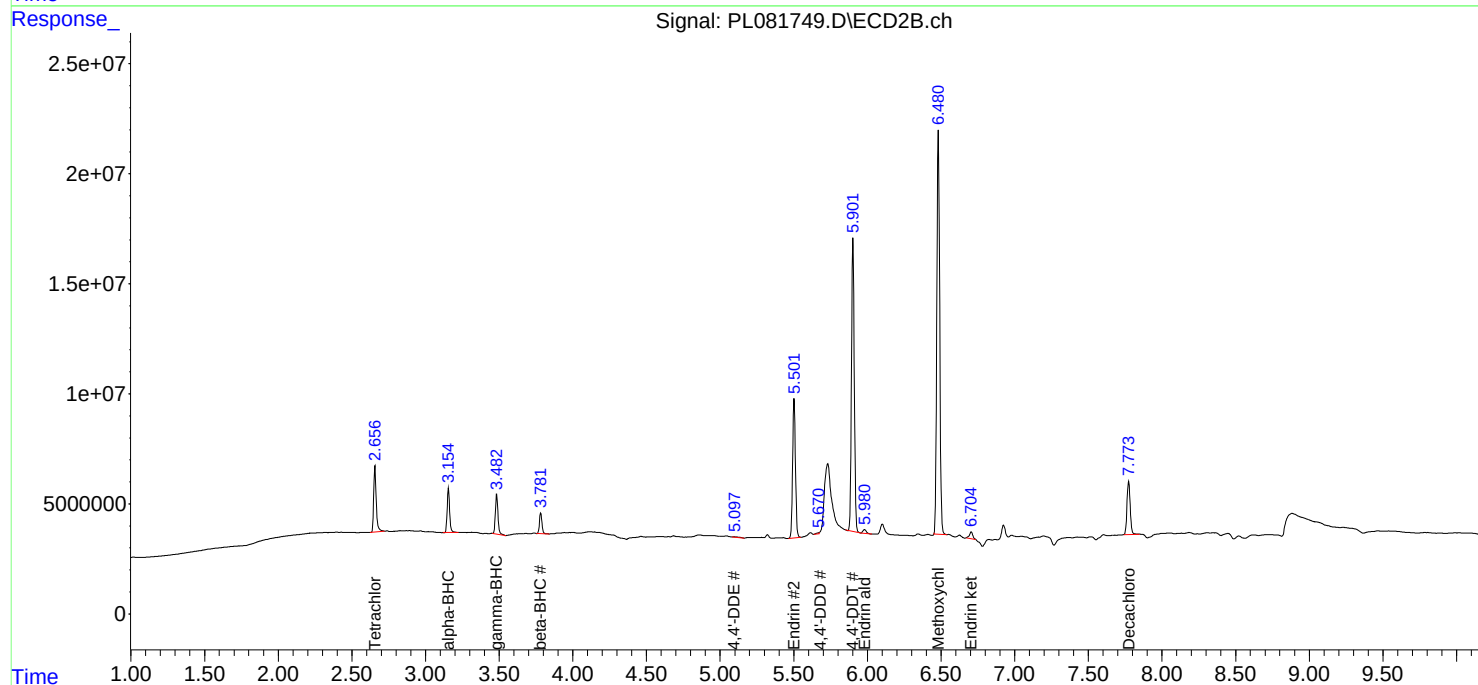
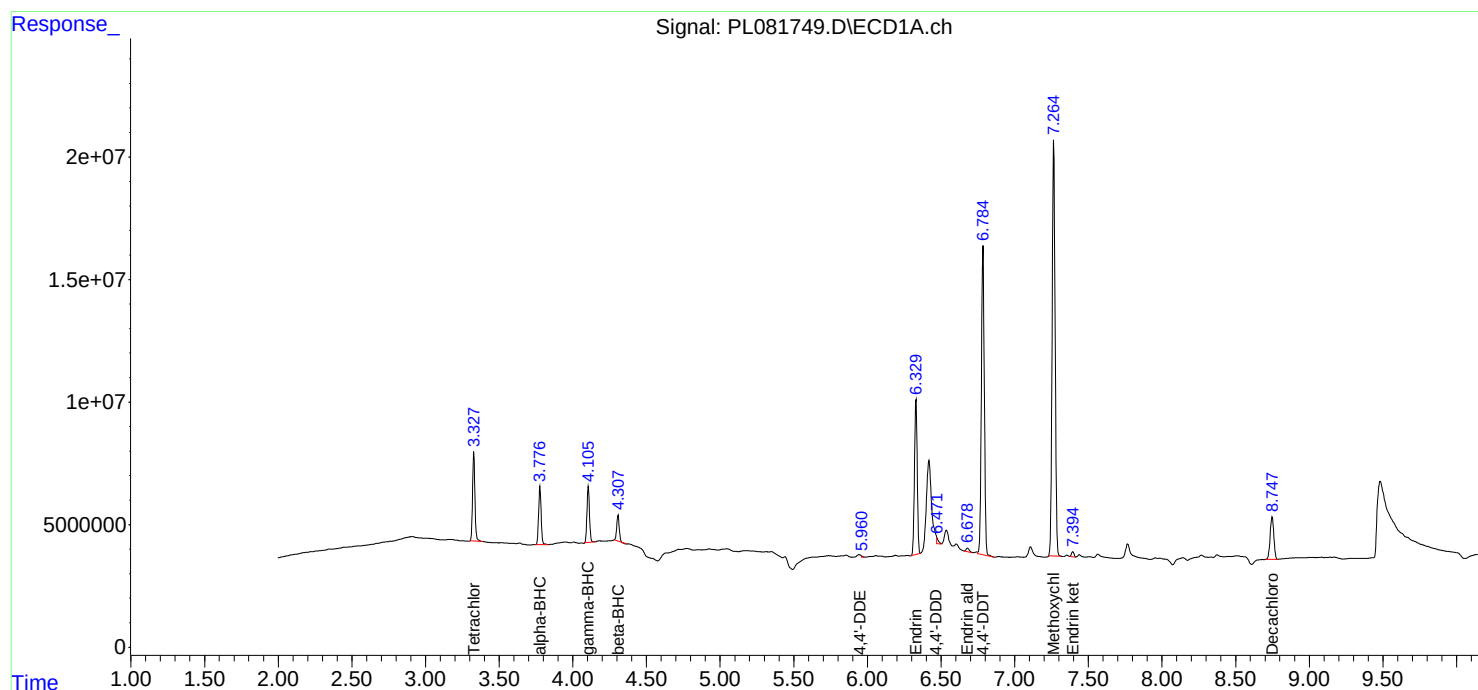
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

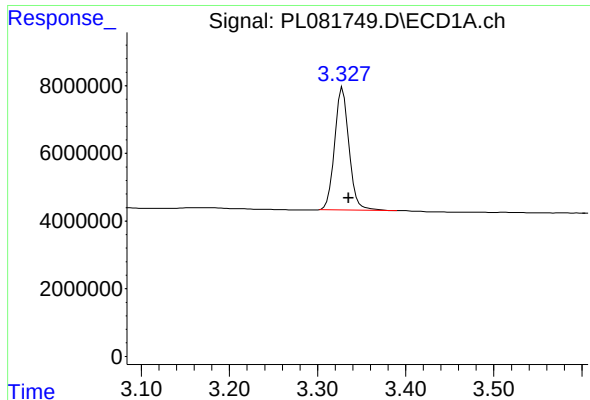
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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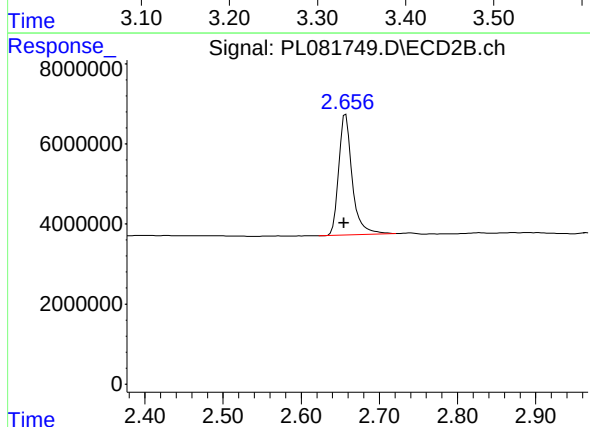
#1 Tetrachloro-m-xylene

R.T.: 3.328 min  
Delta R.T.: -0.007 min  
Response: 41125425  
Conc: 17.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

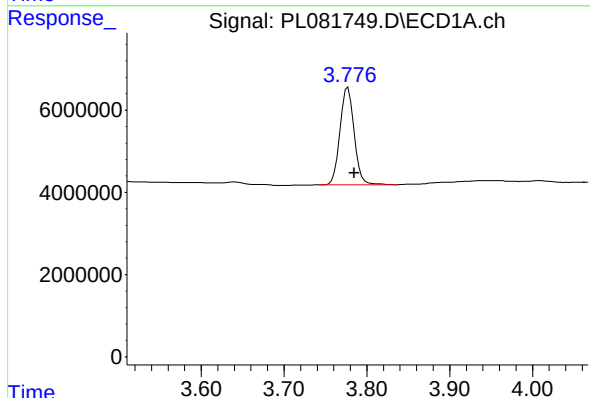
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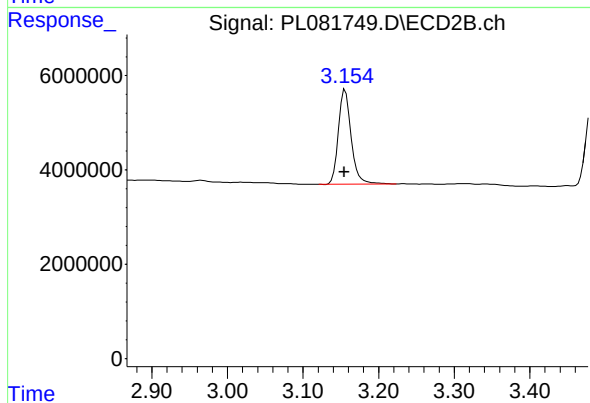
#1 Tetrachloro-m-xylene

R.T.: 2.657 min  
Delta R.T.: 0.002 min  
Response: 36370403  
Conc: 18.22 ng/ml



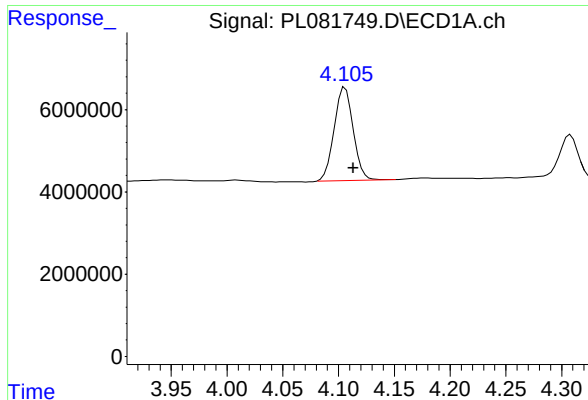
#2 alpha-BHC

R.T.: 3.777 min  
Delta R.T.: -0.008 min  
Response: 28198132  
Conc: 8.22 ng/ml



#2 alpha-BHC

R.T.: 3.156 min  
Delta R.T.: 0.001 min  
Response: 23589678  
Conc: 8.09 ng/ml



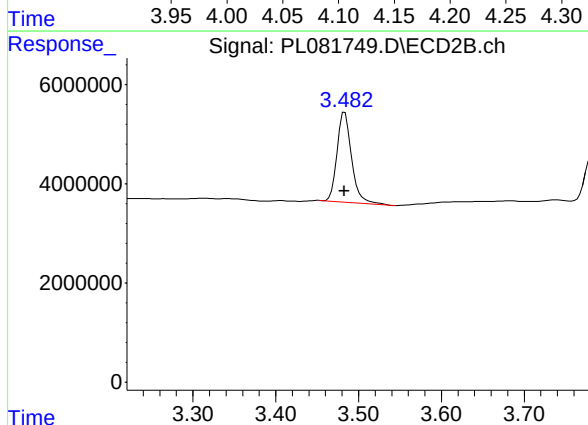
#3 gamma-BHC (Lindane)

R.T.: 4.106 min  
Delta R.T.: -0.007 min  
Response: 26957440  
Conc: 8.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

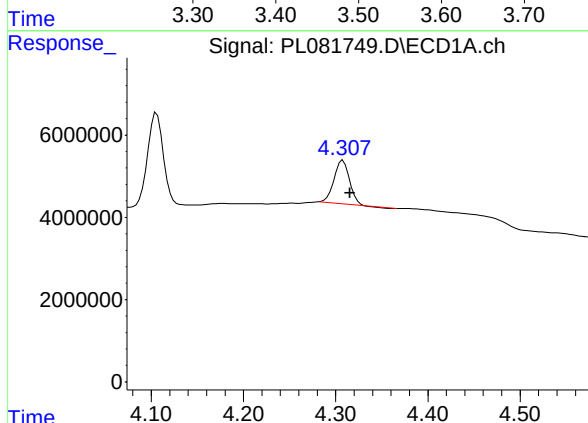
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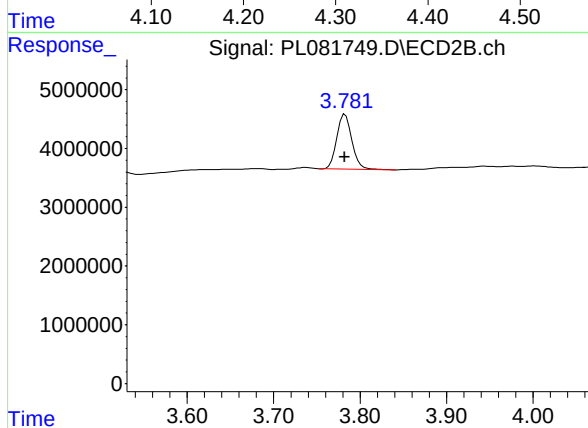
#3 gamma-BHC (Lindane)

R.T.: 3.483 min  
Delta R.T.: 0.000 min  
Response: 22207021  
Conc: 7.98 ng/ml



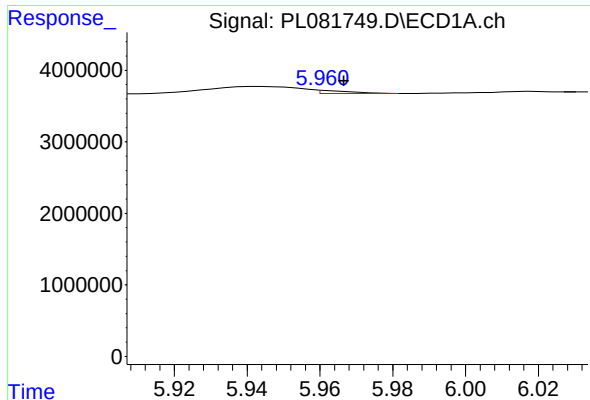
#6 beta-BHC

R.T.: 4.308 min  
Delta R.T.: -0.008 min  
Response: 12273001  
Conc: 8.15 ng/ml



#6 beta-BHC

R.T.: 3.783 min  
Delta R.T.: 0.000 min  
Response: 11156183  
Conc: 9.37 ng/ml



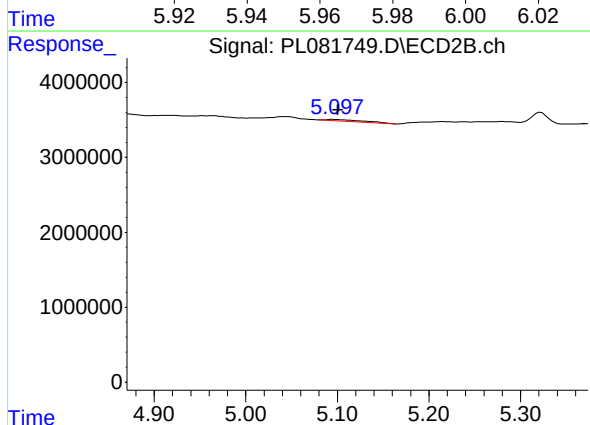
#12 4,4'-DDE

R.T.: 5.960 min  
Delta R.T.: -0.007 min  
Response: 231210  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

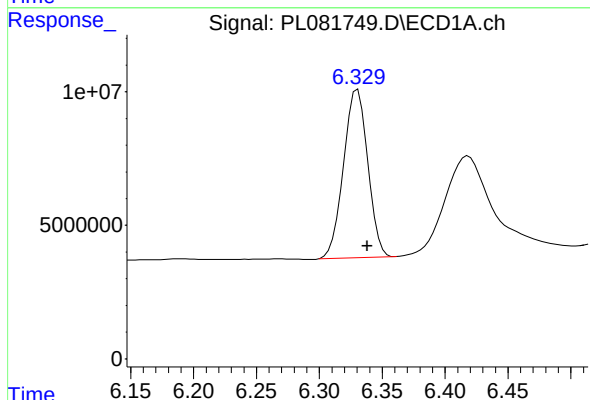
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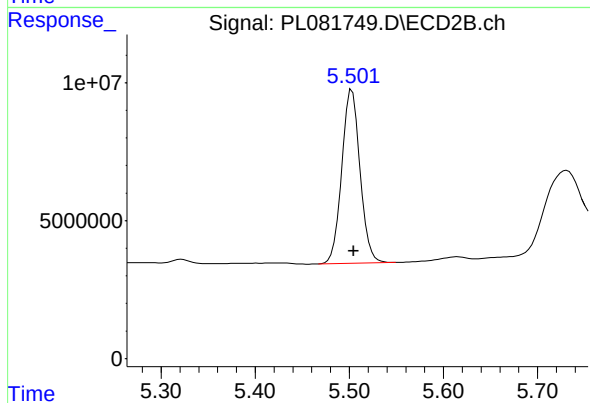
#12 4,4'-DDE

R.T.: 5.097 min  
Delta R.T.: -0.004 min  
Response: 676532  
Conc: 0.34 ng/ml



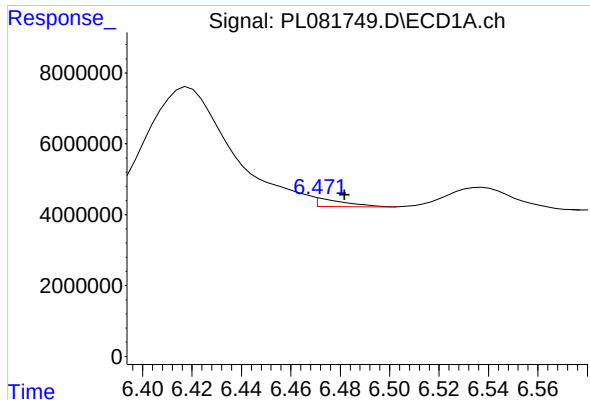
#14 Endrin

R.T.: 6.330 min  
Delta R.T.: -0.008 min  
Response: 84360344  
Conc: 39.88 ng/ml



#14 Endrin

R.T.: 5.503 min  
Delta R.T.: -0.002 min  
Response: 84978925  
Conc: 41.99 ng/ml



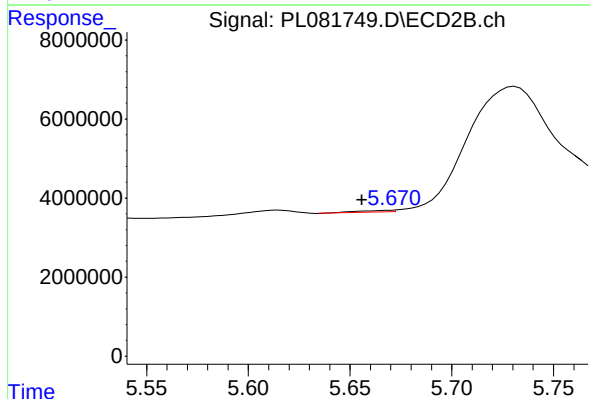
#16 4,4'-DDD

R.T.: 6.471 min  
Delta R.T.: -0.011 min  
Response: 1829357  
Conc: 1.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

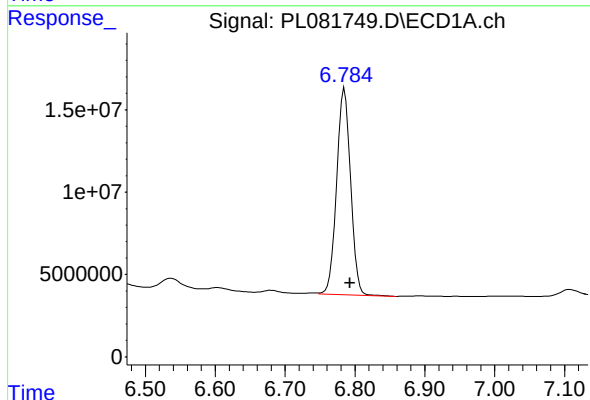
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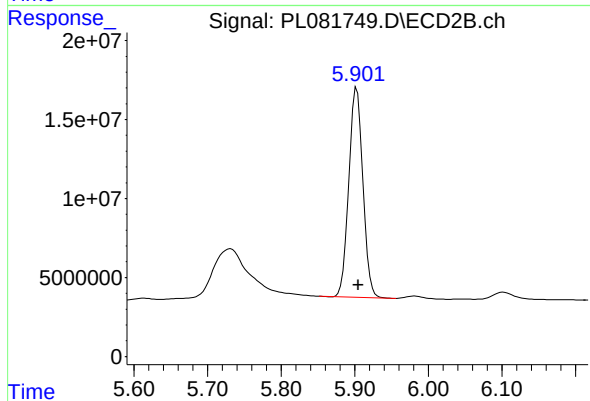
#16 4,4'-DDD

R.T.: 5.670 min  
Delta R.T.: 0.014 min  
Response: 571740  
Conc: 0.38 ng/ml



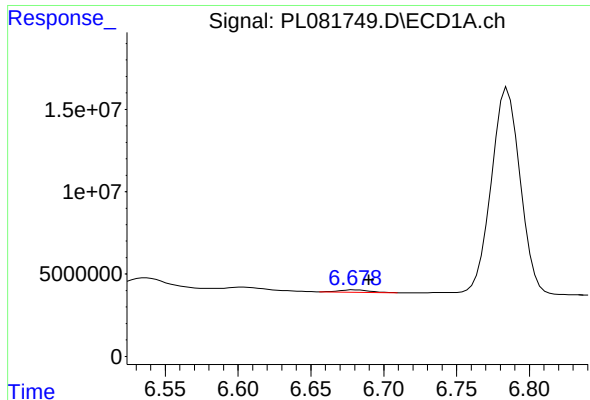
#17 4,4'-DDT

R.T.: 6.785 min  
Delta R.T.: -0.008 min  
Response: 174015840  
Conc: 85.74 ng/ml



#17 4,4'-DDT

R.T.: 5.903 min  
Delta R.T.: -0.002 min  
Response: 176322355  
Conc: 102.32 ng/ml



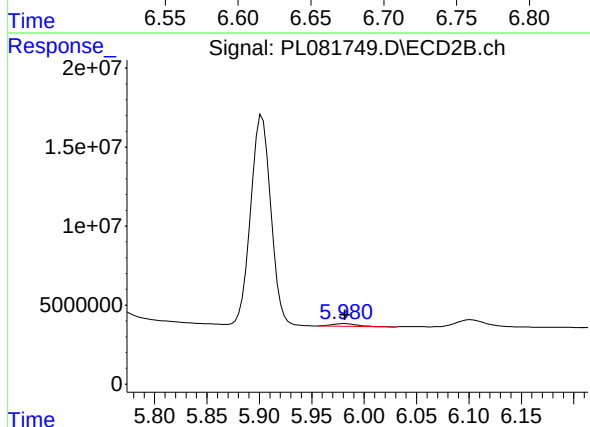
#18 Endrin aldehyde

R.T.: 6.678 min  
Delta R.T.: -0.011 min  
Response: 2181805  
Conc: 1.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

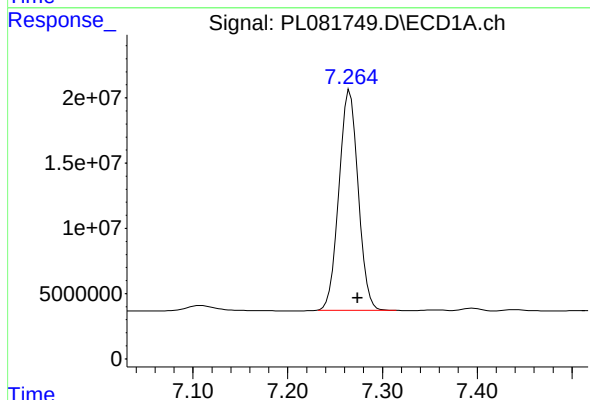
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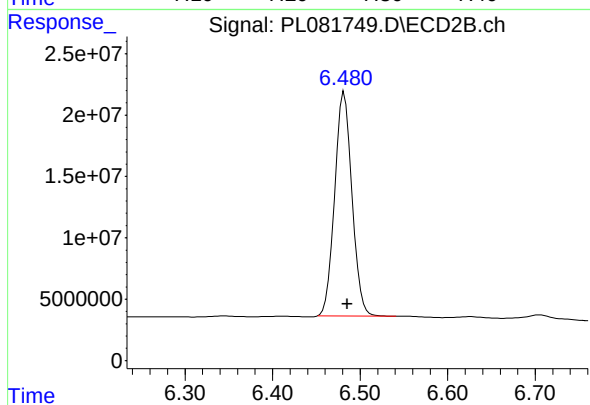
#18 Endrin aldehyde

R.T.: 5.982 min  
Delta R.T.: 0.000 min  
Response: 2701305  
Conc: 1.74 ng/ml



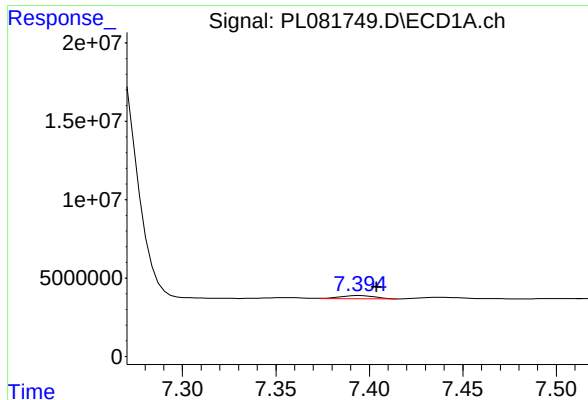
#20 Methoxychlor

R.T.: 7.266 min  
Delta R.T.: -0.008 min  
Response: 237377687  
Conc: 220.43 ng/ml



#20 Methoxychlor

R.T.: 6.482 min  
Delta R.T.: -0.003 min  
Response: 251128927  
Conc: 252.13 ng/ml



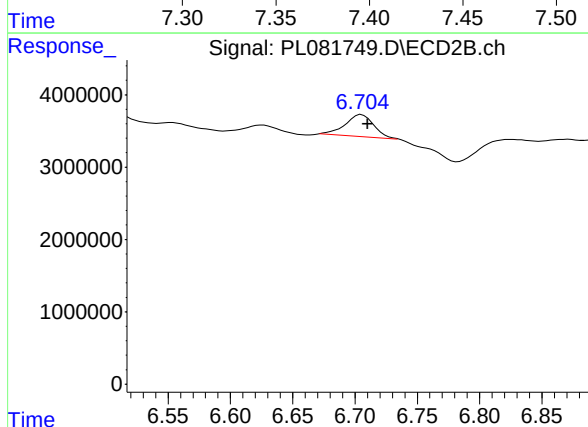
#21 Endrin ketone

R.T.: 7.394 min  
Delta R.T.: -0.010 min  
Response: 2452829  
Conc: 1.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

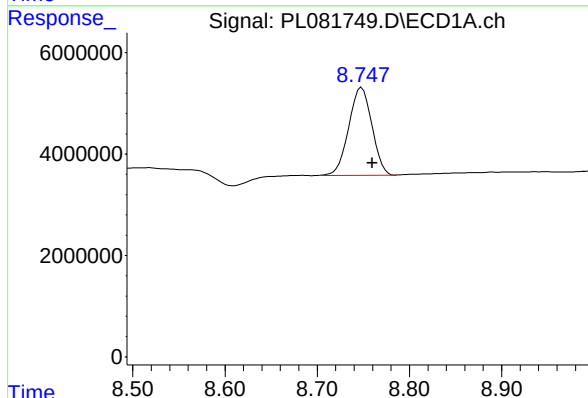
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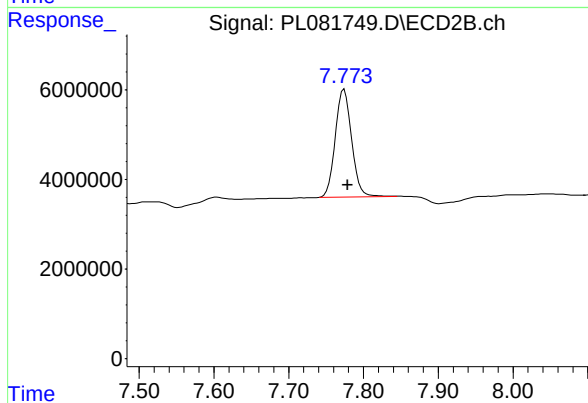
#21 Endrin ketone

R.T.: 6.704 min  
Delta R.T.: -0.006 min  
Response: 4768869  
Conc: 2.23 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.748 min  
Delta R.T.: -0.011 min  
Response: 30214168  
Conc: 16.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.774 min  
Delta R.T.: -0.004 min  
Response: 36776935  
Conc: 18.54 ng/ml