

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103122\  
 Data File : PL078648.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2022 10:01  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 11/01/2022  
 Supervised By :Ankita Jodhani 11/01/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 22:08:30 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 2022  
 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... | 3.325 | 2.574 | 38623652 | 51507569 | 20.253  | 20.174   |
| 28)                         | SA Decachlor... | 8.780 | 7.646 | 34845668 | 40336133 | 23.163  | 21.296   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.786 | 3.061 | 26371424 | 38965366 | 9.184   | 9.867    |
| 3)                          | MA gamma-BHC... | 4.120 | 3.382 | 25902954 | 35757095 | 9.695   | 9.949    |
| 6)                          | B beta-BHC      | 4.334 | 3.682 | 12117324 | 16422583 | 10.519  | 11.446   |
| 12)                         | B 4,4'-DDE      | 5.978 | 4.985 | 617150   | 678022   | 0.308   | 0.249    |
| 14)                         | MA Endrin       | 6.356 | 5.375 | 83880629 | 112.9E6  | 44.198  | 43.341   |
| 16)                         | A 4,4'-DDD      | 6.504 | 5.536 | 5072500  | 7276733  | 3.043   | 3.313    |
| 17)                         | MA 4,4'-DDT     | 6.814 | 5.782 | 172.8E6  | 209.9E6  | 96.429  | 96.753   |
| 18)                         | B Endrin al...  | 6.718 | 5.850 | 3201978  | 5508307  | 2.201   | 2.935m#  |
| 20)                         | A Methoxychlor  | 7.298 | 6.358 | 219.0E6  | 246.6E6  | 237.820 | 217.272m |
| 21)                         | B Endrin ke...  | 7.435 | 6.569 | 6577824  | 13272477 | 3.496m  | 5.135 #  |
| -----                       |                 |       |       |          |          |         |          |

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

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Acq On : 31 Oct 2022 10:01  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

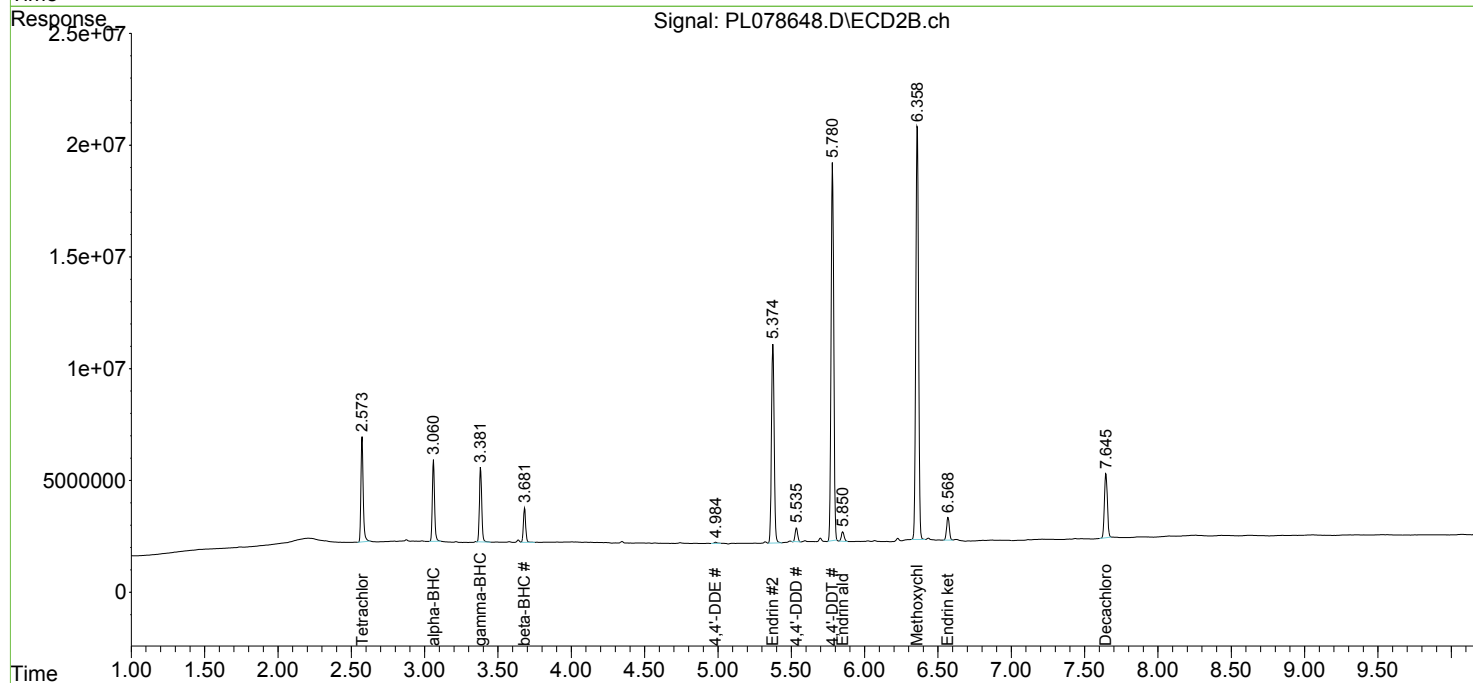
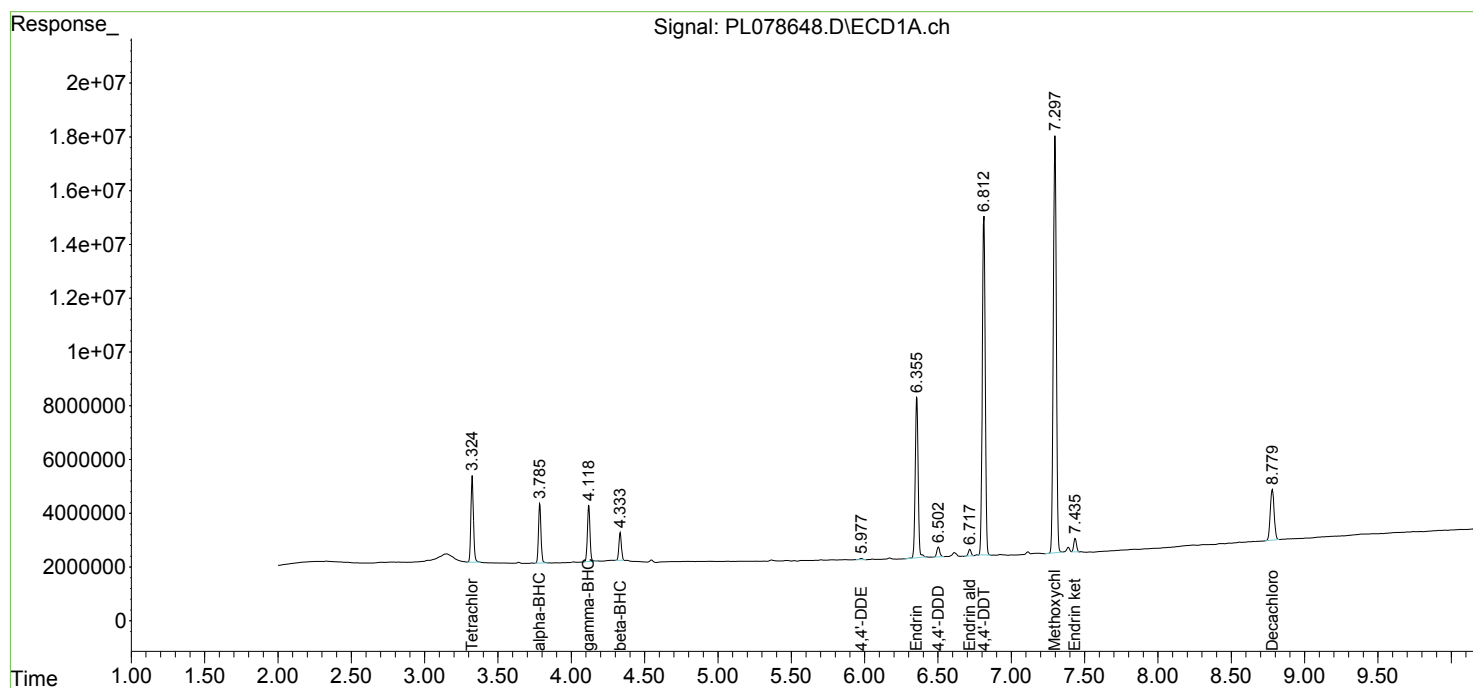
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

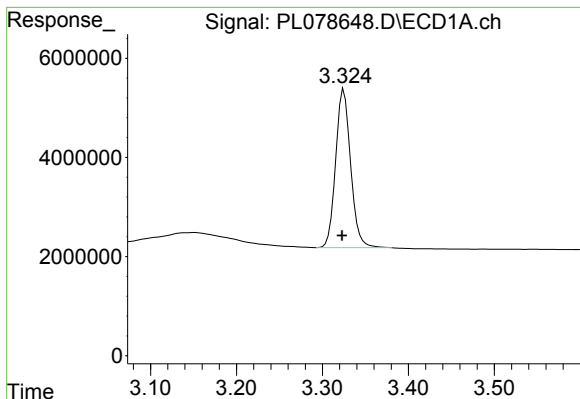
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 22:08:30 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
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Volume Inj. : 1 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





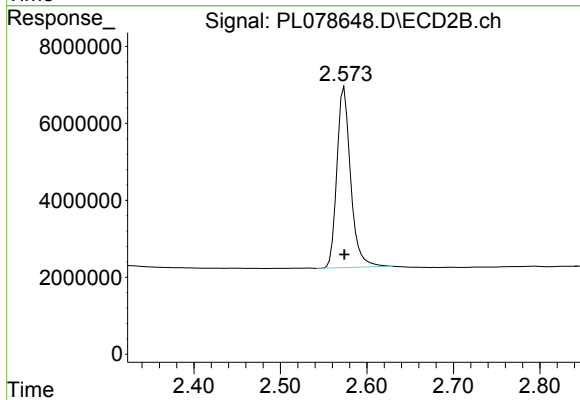
#1 Tetrachloro-m-xylene

R.T.: 3.325 min  
Delta R.T.: 0.002 min  
Response: 38623652  
Conc: 20.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

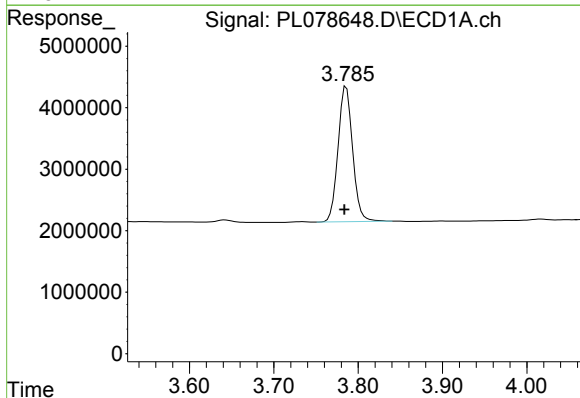
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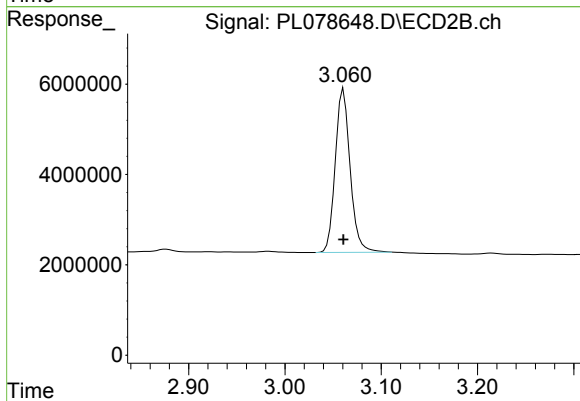
#1 Tetrachloro-m-xylene

R.T.: 2.574 min  
Delta R.T.: 0.000 min  
Response: 51507569  
Conc: 20.17 ng/ml



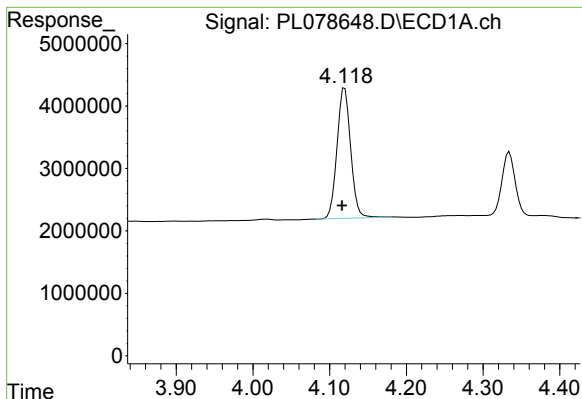
#2 alpha-BHC

R.T.: 3.786 min  
Delta R.T.: 0.002 min  
Response: 26371424  
Conc: 9.18 ng/ml



#2 alpha-BHC

R.T.: 3.061 min  
Delta R.T.: 0.000 min  
Response: 38965366  
Conc: 9.87 ng/ml



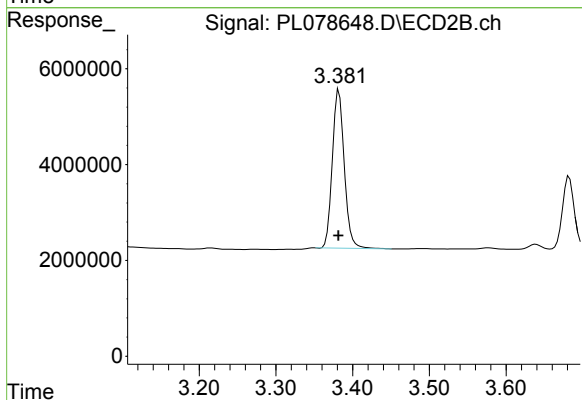
#3 gamma-BHC (Lindane)

R.T.: 4.120 min  
Delta R.T.: 0.003 min  
Response: 25902954  
Conc: 9.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

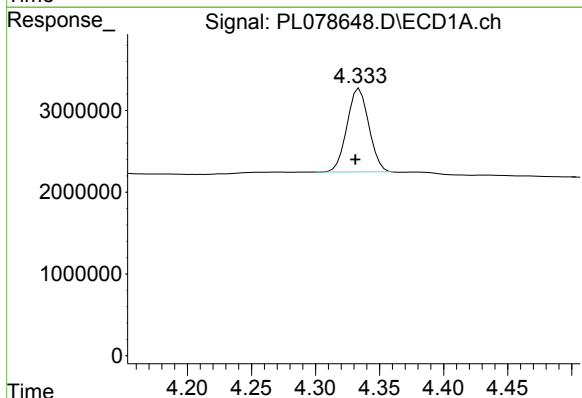
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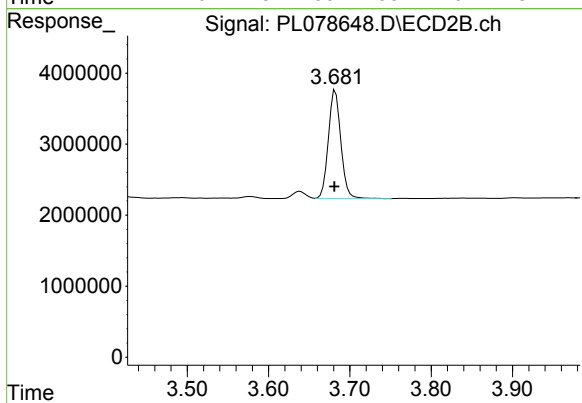
#3 gamma-BHC (Lindane)

R.T.: 3.382 min  
Delta R.T.: 0.000 min  
Response: 35757095  
Conc: 9.95 ng/ml



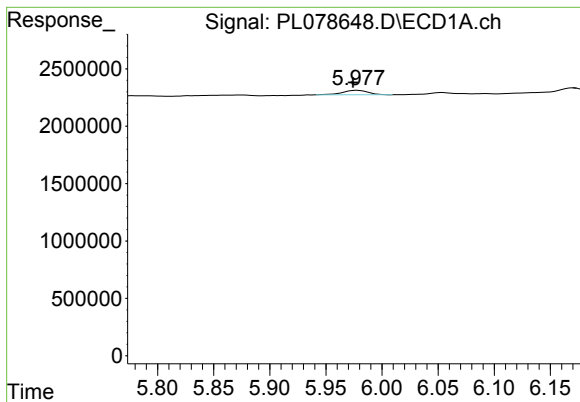
#6 beta-BHC

R.T.: 4.334 min  
Delta R.T.: 0.003 min  
Response: 12117324  
Conc: 10.52 ng/ml



#6 beta-BHC

R.T.: 3.682 min  
Delta R.T.: 0.001 min  
Response: 16422583  
Conc: 11.45 ng/ml



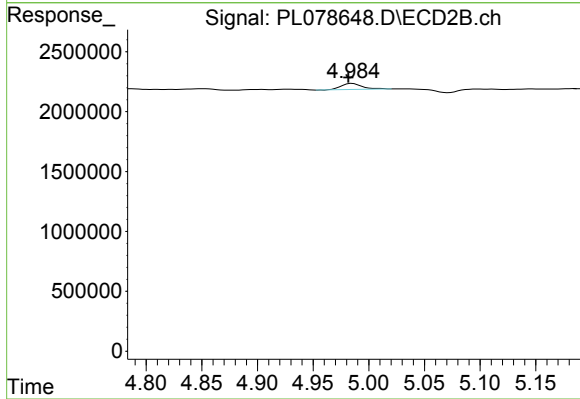
#12 4,4'-DDE

R.T.: 5.978 min  
Delta R.T.: 0.004 min  
Response: 617150  
Conc: 0.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

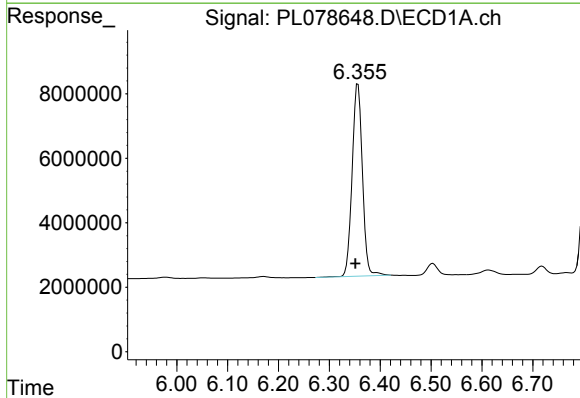
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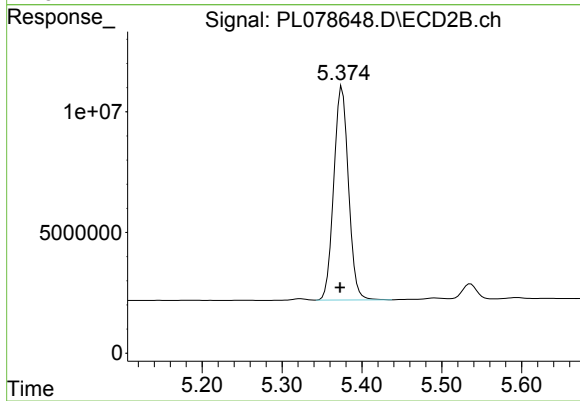
#12 4,4'-DDE

R.T.: 4.985 min  
Delta R.T.: 0.004 min  
Response: 678022  
Conc: 0.25 ng/ml



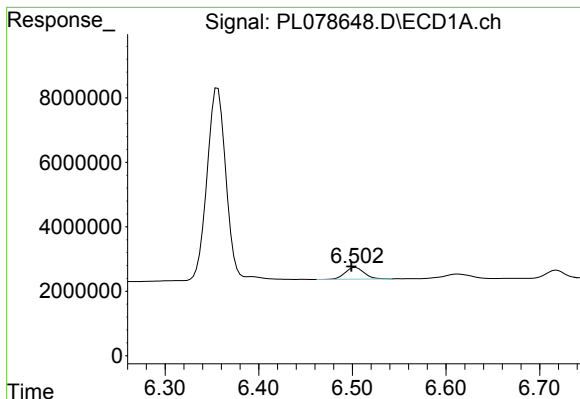
#14 Endrin

R.T.: 6.356 min  
Delta R.T.: 0.005 min  
Response: 83880629  
Conc: 44.20 ng/ml



#14 Endrin

R.T.: 5.375 min  
Delta R.T.: 0.003 min  
Response: 112914286  
Conc: 43.34 ng/ml



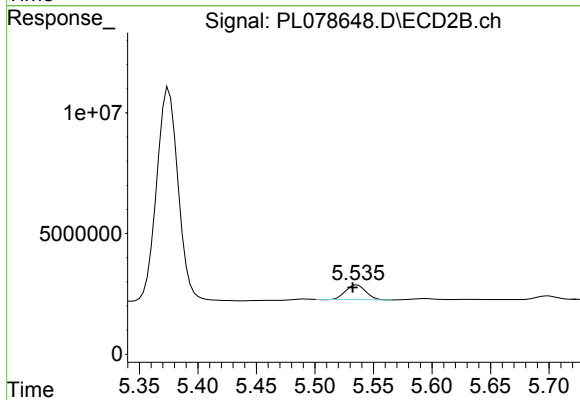
#16 4,4'-DDD

R.T.: 6.504 min  
Delta R.T.: 0.005 min  
Response: 5072500  
Conc: 3.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

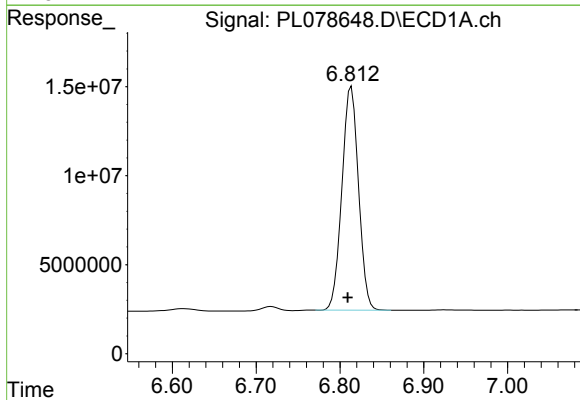
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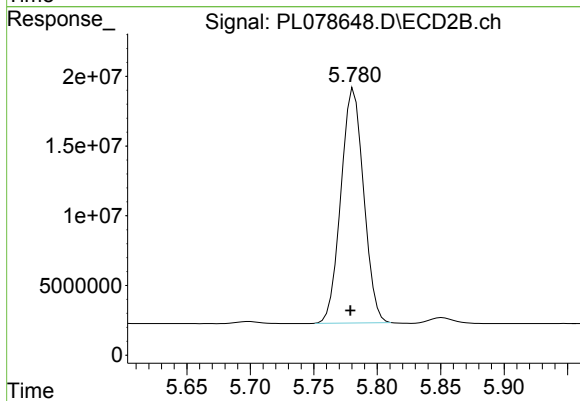
#16 4,4'-DDD

R.T.: 5.536 min  
Delta R.T.: 0.004 min  
Response: 7276733  
Conc: 3.31 ng/ml



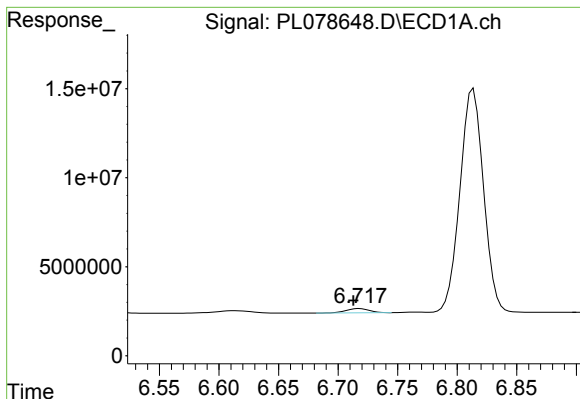
#17 4,4'-DDT

R.T.: 6.814 min  
Delta R.T.: 0.004 min  
Response: 172831684  
Conc: 96.43 ng/ml



#17 4,4'-DDT

R.T.: 5.782 min  
Delta R.T.: 0.003 min  
Response: 209869381  
Conc: 96.75 ng/ml



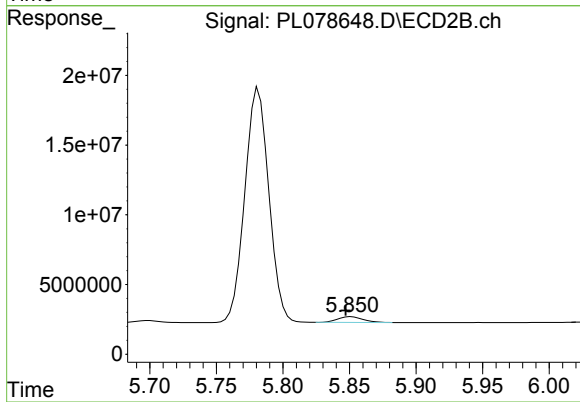
#18 Endrin aldehyde

R.T.: 6.718 min  
Delta R.T.: 0.005 min  
Response: 3201978  
Conc: 2.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

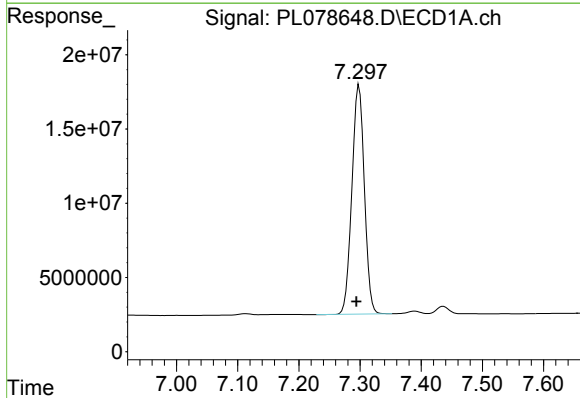
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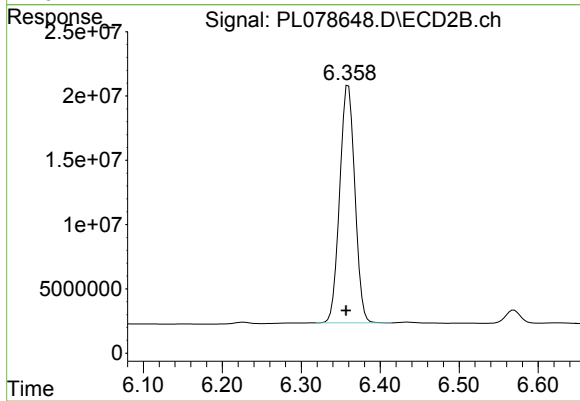
#18 Endrin aldehyde

R.T.: 5.850 min  
Delta R.T.: 0.003 min  
Response: 5508307  
Conc: 2.93 ng/ml m



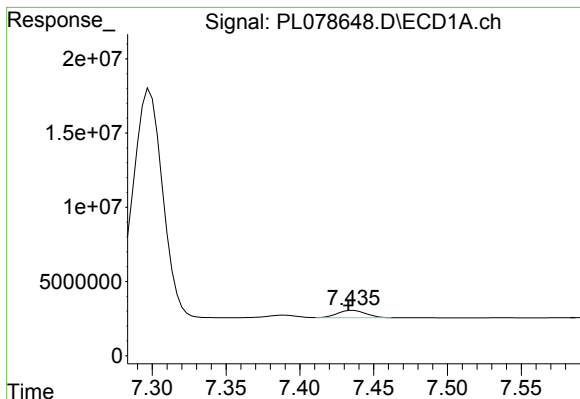
#20 Methoxychlor

R.T.: 7.298 min  
Delta R.T.: 0.005 min  
Response: 219005941  
Conc: 237.82 ng/ml



#20 Methoxychlor

R.T.: 6.358 min  
Delta R.T.: 0.001 min  
Response: 246559602  
Conc: 217.27 ng/ml m



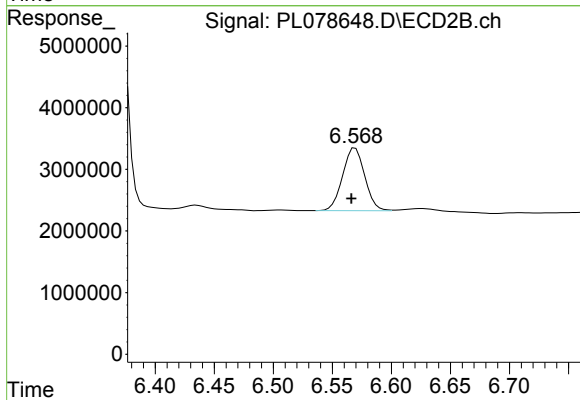
#21 Endrin ketone

R.T.: 7.435 min  
Delta R.T.: 0.002 min  
Response: 6577824  
Conc: 3.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

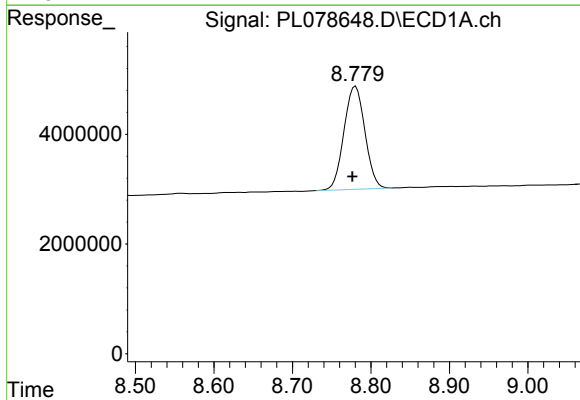
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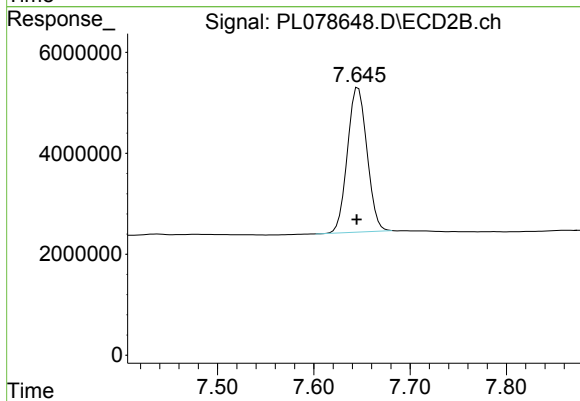
#21 Endrin ketone

R.T.: 6.569 min  
Delta R.T.: 0.003 min  
Response: 13272477  
Conc: 5.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.780 min  
Delta R.T.: 0.004 min  
Response: 34845668  
Conc: 23.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.646 min  
Delta R.T.: 0.002 min  
Response: 40336133  
Conc: 21.30 ng/ml