

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111622\  
 Data File : PL079130.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Nov 2022 11:30  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 11/17/2022  
 Supervised By :Ankita Jodhani 11/18/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 16 14:22:23 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111622.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 16 14:20:51 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... | 3.321 | 2.568 | 39825382 | 49005999 | 19.125  | 19.242   |
| 28)                         | SA Decachlor... | 8.772 | 7.635 | 33504208 | 40864912 | 20.029  | 19.699   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.781 | 3.055 | 27872731 | 39090118 | 8.845   | 9.667    |
| 3)                          | MA gamma-BHC... | 4.114 | 3.375 | 27873879 | 32745689 | 9.287   | 9.229    |
| 6)                          | B beta-BHC      | 4.329 | 3.675 | 12454828 | 17672765 | 9.471   | 12.643 # |
| 14)                         | MA Endrin       | 6.349 | 5.365 | 100.5E6  | 117.9E6  | 45.439  | 45.138   |
| 16)                         | A 4,4'-DDD      | 6.500 | 5.526 | 568810   | 922255   | 0.324m  | 0.394m   |
| 17)                         | MA 4,4'-DDT     | 6.806 | 5.772 | 201.0E6  | 238.6E6  | 96.439  | 97.745   |
| 18)                         | B Endrin al...  | 6.710 | 5.842 | 1478393  | 3042599  | 0.925   | 1.458m#  |
| 20)                         | A Methoxychlor  | 7.291 | 6.349 | 263.3E6  | 297.9E6  | 246.965 | 225.499  |
| 21)                         | B Endrin ke...  | 7.429 | 6.557 | 3085732  | 5876275  | 1.482   | 2.077m#  |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111622\  
Data File : PL079130.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Nov 2022 11:30  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

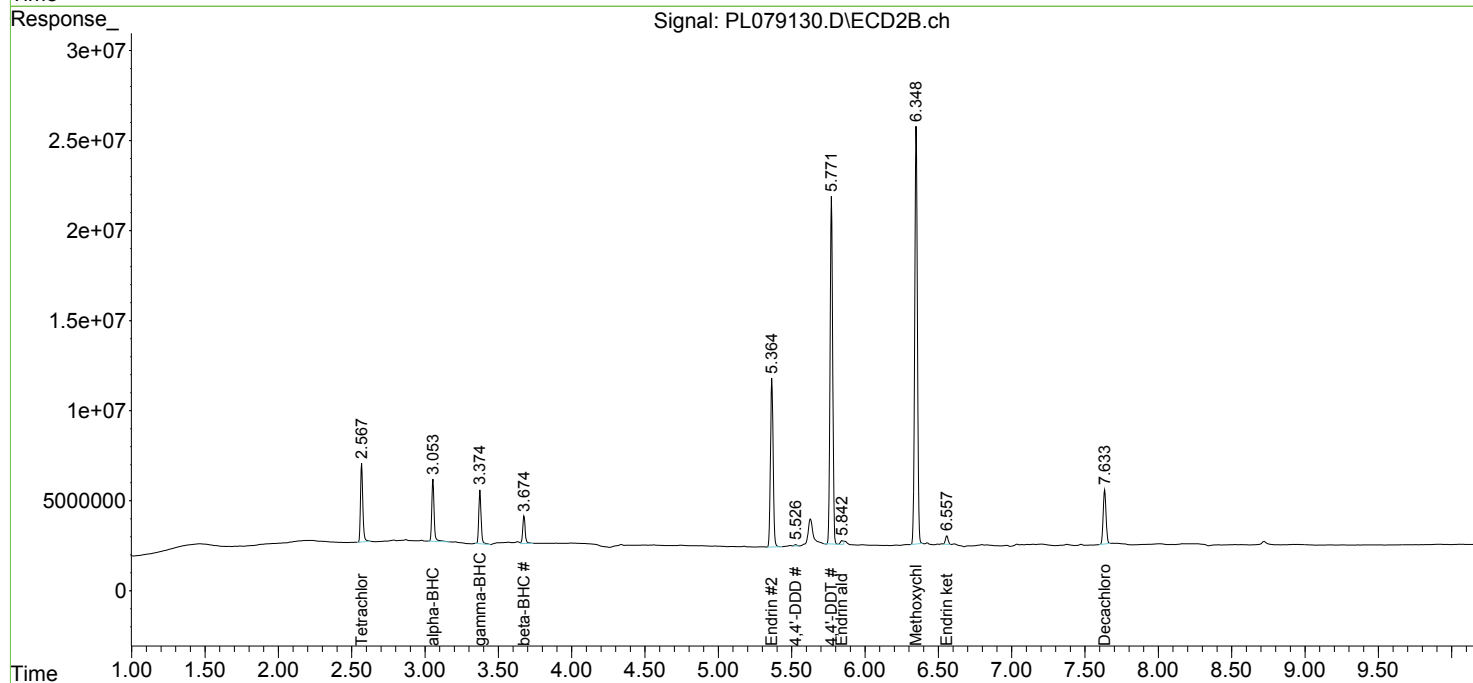
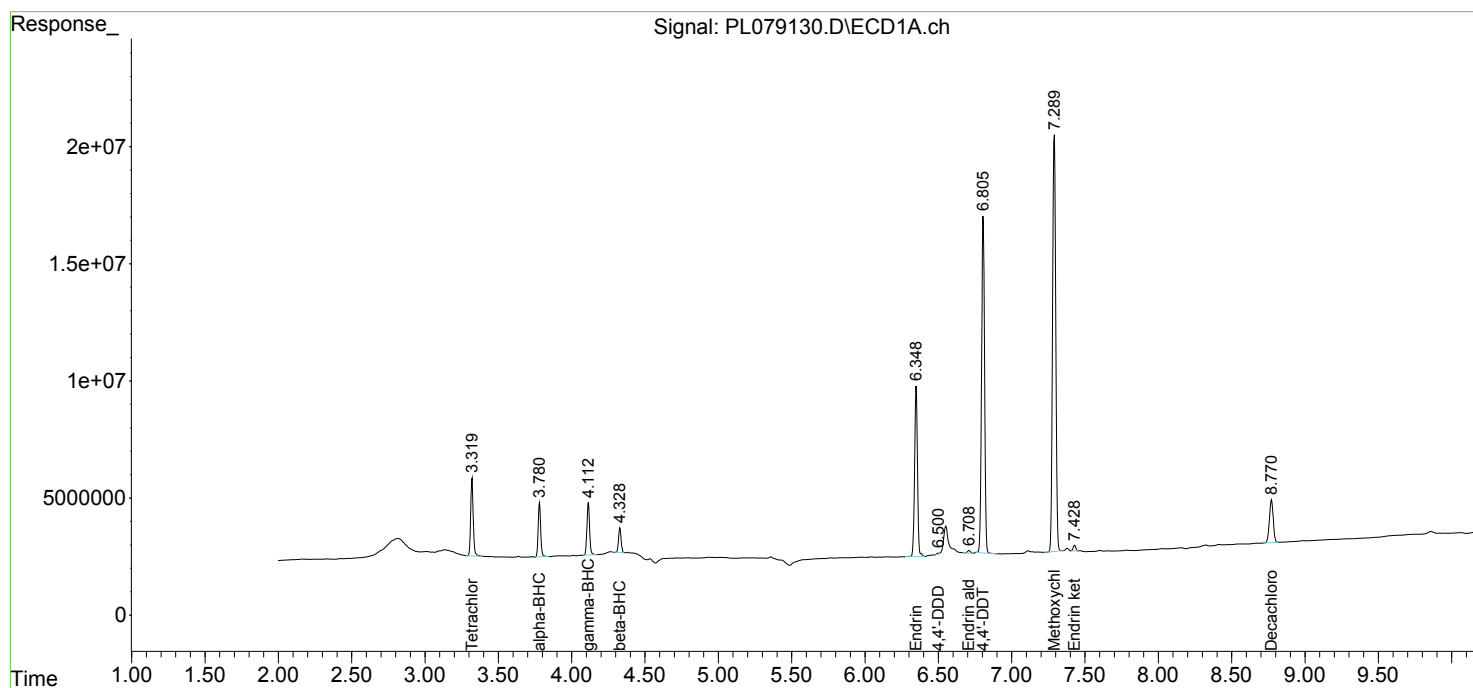
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

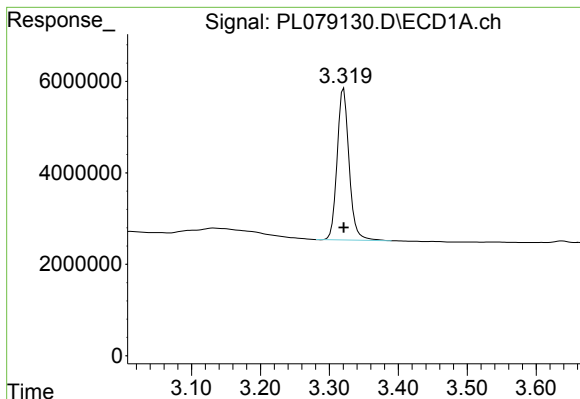
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 16 14:22:23 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111622.M  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





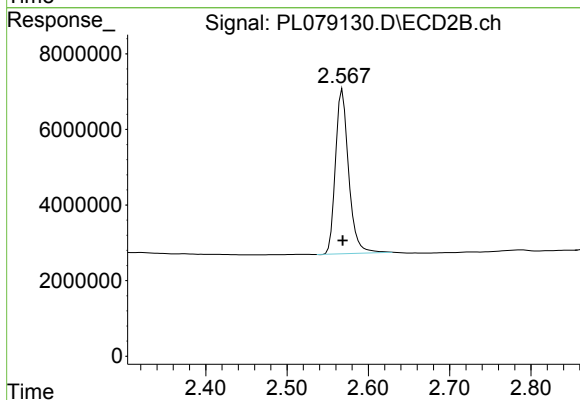
#1 Tetrachloro-m-xylene

R.T.: 3.321 min  
Delta R.T.: 0.000 min  
Response: 39825382  
Conc: 19.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

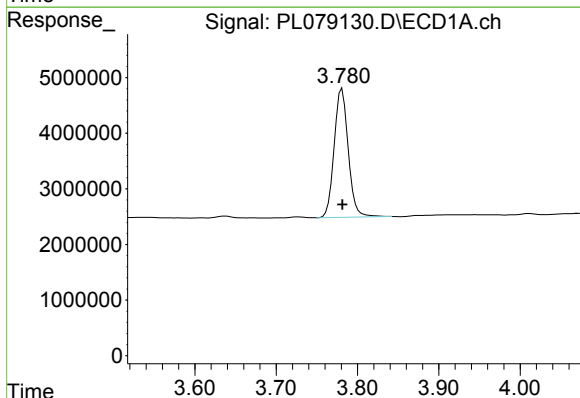
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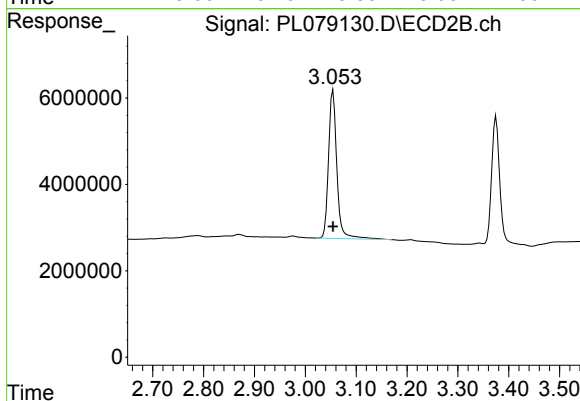
#1 Tetrachloro-m-xylene

R.T.: 2.568 min  
Delta R.T.: 0.000 min  
Response: 49005999  
Conc: 19.24 ng/ml



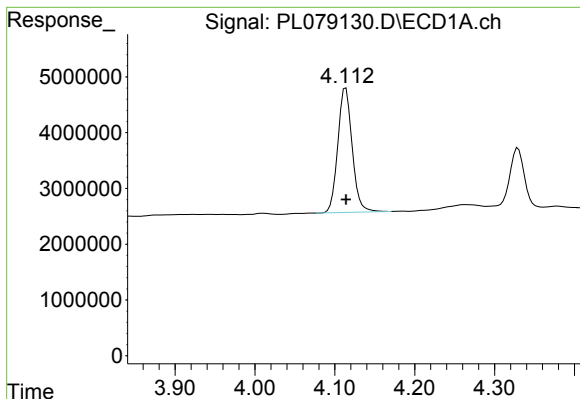
#2 alpha-BHC

R.T.: 3.781 min  
Delta R.T.: 0.000 min  
Response: 27872731  
Conc: 8.85 ng/ml



#2 alpha-BHC

R.T.: 3.055 min  
Delta R.T.: 0.000 min  
Response: 39090118  
Conc: 9.67 ng/ml



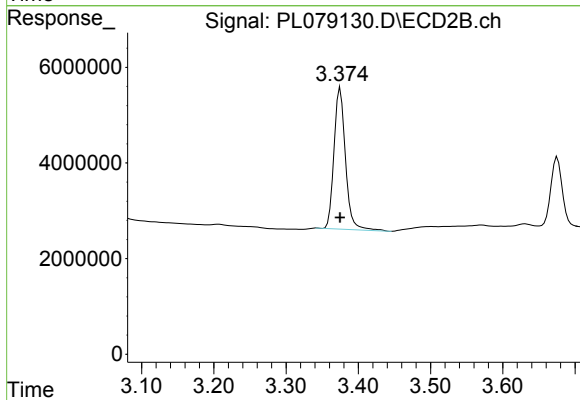
#3 gamma-BHC (Lindane)

R.T.: 4.114 min  
Delta R.T.: 0.000 min  
Response: 27873879  
Conc: 9.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

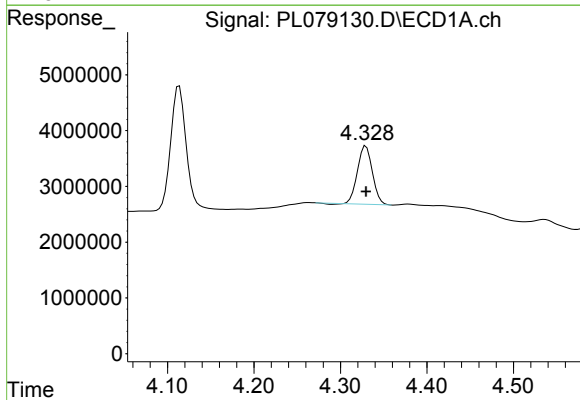
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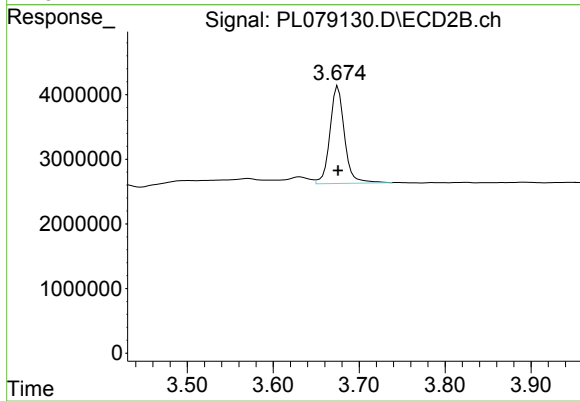
#3 gamma-BHC (Lindane)

R.T.: 3.375 min  
Delta R.T.: 0.000 min  
Response: 32745689  
Conc: 9.23 ng/ml



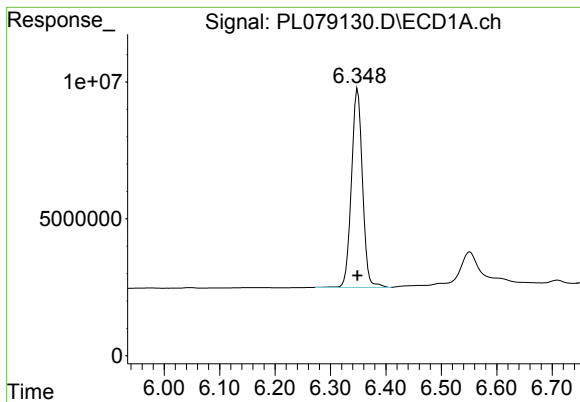
#6 beta-BHC

R.T.: 4.329 min  
Delta R.T.: 0.000 min  
Response: 12454828  
Conc: 9.47 ng/ml



#6 beta-BHC

R.T.: 3.675 min  
Delta R.T.: 0.000 min  
Response: 17672765  
Conc: 12.64 ng/ml



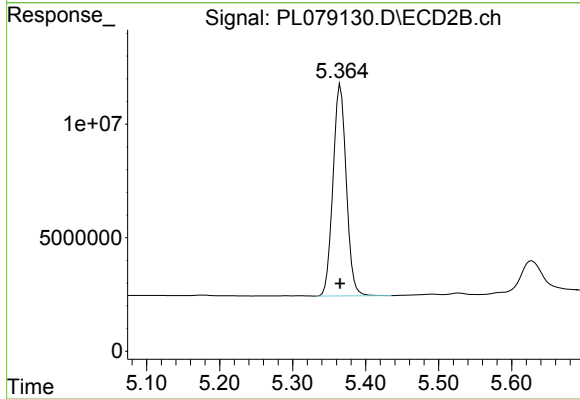
#14 Endrin

R.T.: 6.349 min  
Delta R.T.: 0.000 min  
Response: 100549799  
Conc: 45.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

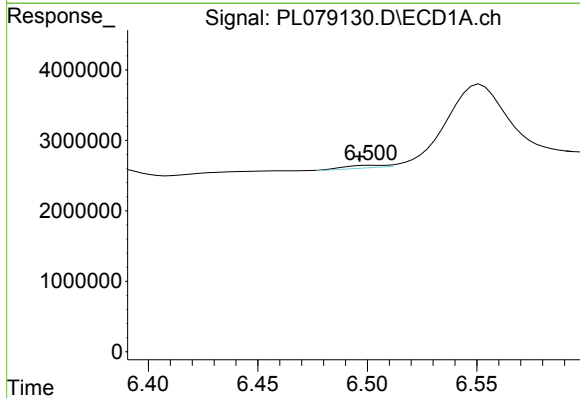
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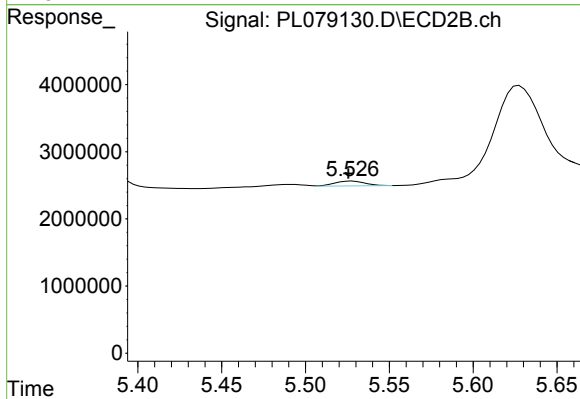
#14 Endrin

R.T.: 5.365 min  
Delta R.T.: 0.000 min  
Response: 117891346  
Conc: 45.14 ng/ml



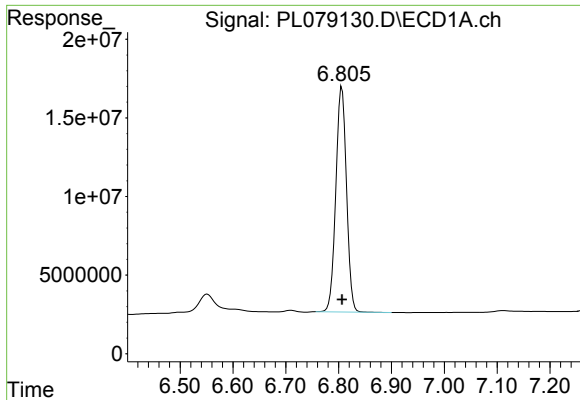
#16 4,4'-DDD

R.T.: 6.500 min  
Delta R.T.: 0.004 min  
Response: 568810  
Conc: 0.32 ng/ml m



#16 4,4'-DDD

R.T.: 5.526 min  
Delta R.T.: 0.000 min  
Response: 922255  
Conc: 0.39 ng/ml m



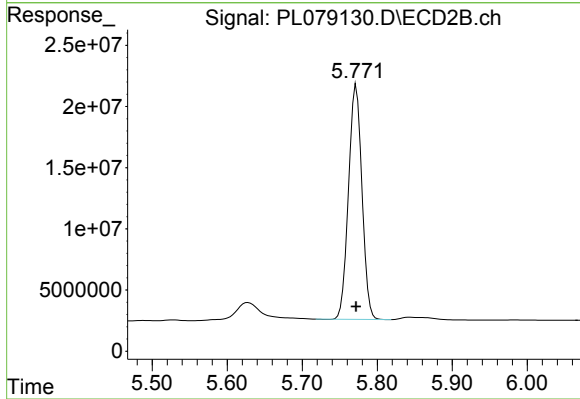
#17 4,4'-DDT

R.T.: 6.806 min  
Delta R.T.: 0.000 min  
Response: 201024786  
Conc: 96.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

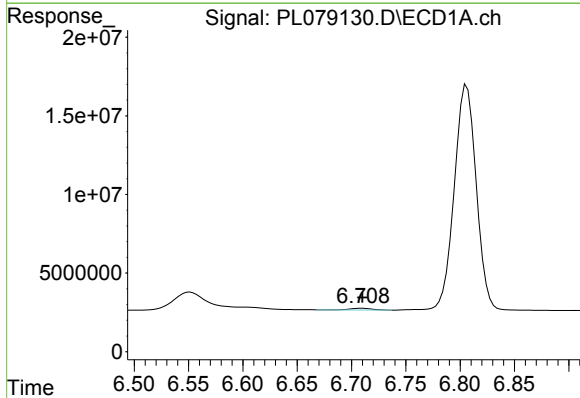
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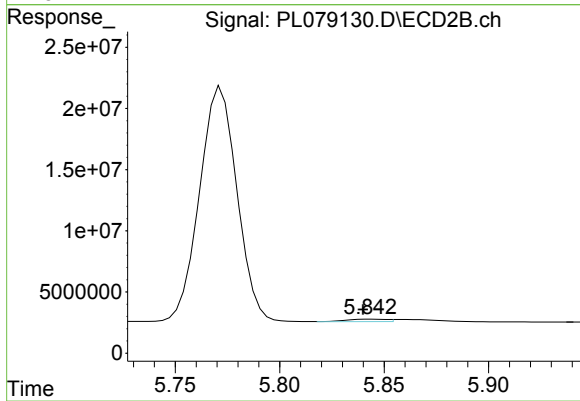
#17 4,4'-DDT

R.T.: 5.772 min  
Delta R.T.: 0.000 min  
Response: 238577369  
Conc: 97.74 ng/ml



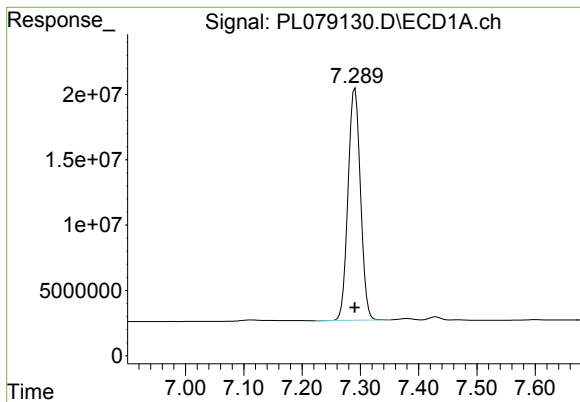
#18 Endrin aldehyde

R.T.: 6.710 min  
Delta R.T.: 0.000 min  
Response: 1478393  
Conc: 0.92 ng/ml



#18 Endrin aldehyde

R.T.: 5.842 min  
Delta R.T.: 0.002 min  
Response: 3042599  
Conc: 1.46 ng/ml m



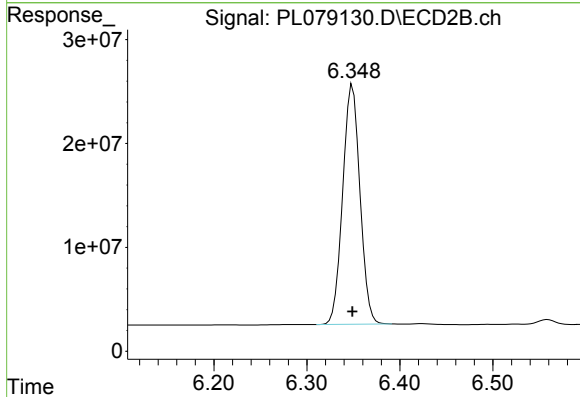
#20 Methoxychlor

R.T.: 7.291 min  
Delta R.T.: 0.000 min  
Response: 263280828  
Conc: 246.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

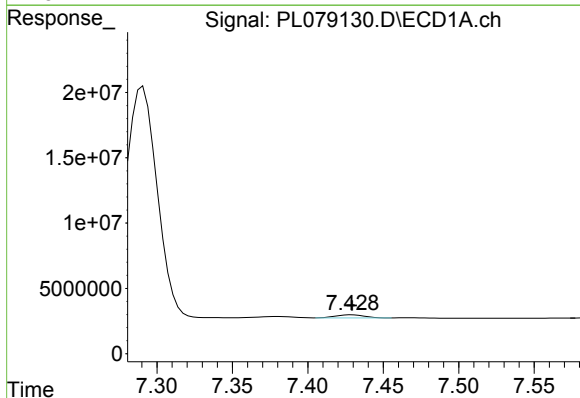
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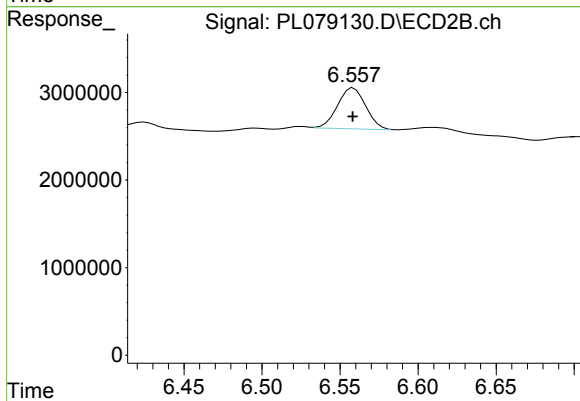
#20 Methoxychlor

R.T.: 6.349 min  
Delta R.T.: 0.000 min  
Response: 297899213  
Conc: 225.50 ng/ml



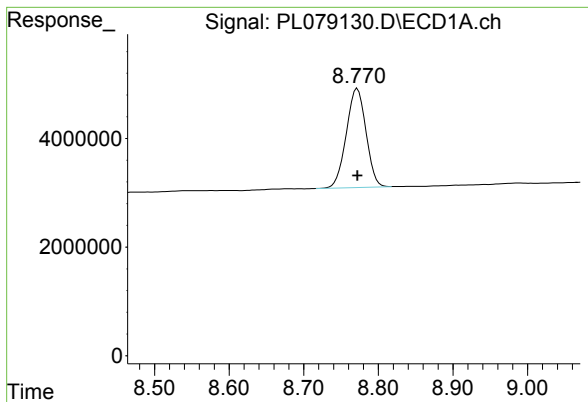
#21 Endrin ketone

R.T.: 7.429 min  
Delta R.T.: 0.000 min  
Response: 3085732  
Conc: 1.48 ng/ml



#21 Endrin ketone

R.T.: 6.557 min  
Delta R.T.: 0.000 min  
Response: 5876275  
Conc: 2.08 ng/ml m



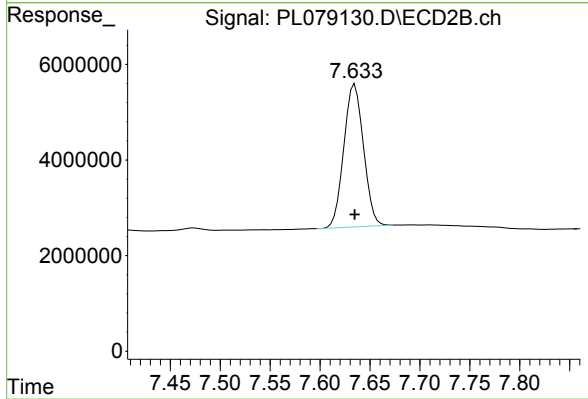
#28 Decachlorobiphenyl

R.T.: 8.772 min  
Delta R.T.: 0.000 min  
Response: 33504208  
Conc: 20.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 7.635 min  
Delta R.T.: 0.000 min  
Response: 40864912  
Conc: 19.70 ng/ml