

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111822\  
 Data File : PL079270.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Nov 2022 23:51  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 11/21/2022  
 Supervised By : Ankita Jodhani 11/21/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 19 08:33:40 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111622.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 16 15:31:11 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... | 3.320 | 2.566 | 44046422 | 53207227 | 21.152  | 20.891  |
| 28)                         | SA Decachlor... | 8.769 | 7.633 | 36249137 | 45638343 | 21.670  | 22.000  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.780 | 3.052 | 30792672 | 42152406 | 9.772   | 10.424  |
| 3)                          | MA gamma-BHC... | 4.113 | 3.373 | 30155797 | 37954256 | 10.047  | 10.698  |
| 6)                          | B beta-BHC      | 4.328 | 3.674 | 14047363 | 17807400 | 10.682  | 12.739  |
| 14)                         | MA Endrin       | 6.347 | 5.364 | 114.5E6  | 138.7E6  | 51.739  | 53.091  |
| 16)                         | A 4,4'-DDD      | 6.495 | 5.521 | 2051033  | 2000398  | 1.168   | 0.855m# |
| 17)                         | MA 4,4'-DDT     | 6.805 | 5.770 | 217.2E6  | 253.9E6  | 104.189 | 104.014 |
| 18)                         | B Endrin al...  | 6.709 | 5.840 | 2097126  | 4083162  | 1.312   | 1.956 # |
| 20)                         | A Methoxychlor  | 7.289 | 6.347 | 285.3E6  | 319.7E6  | 267.633 | 241.972 |
| 21)                         | B Endrin ke...  | 7.427 | 6.557 | 4655548  | 10875146 | 2.236   | 3.845 # |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 18 Nov 2022 23:51  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

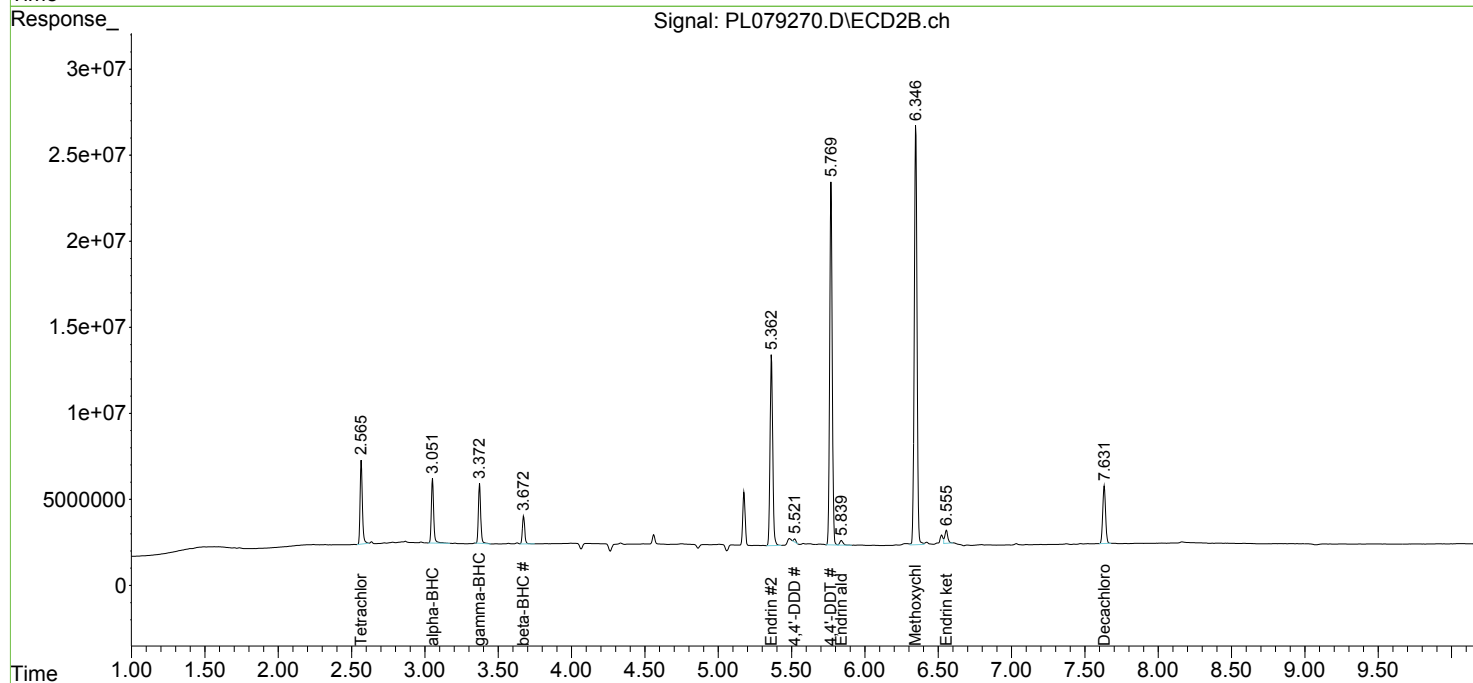
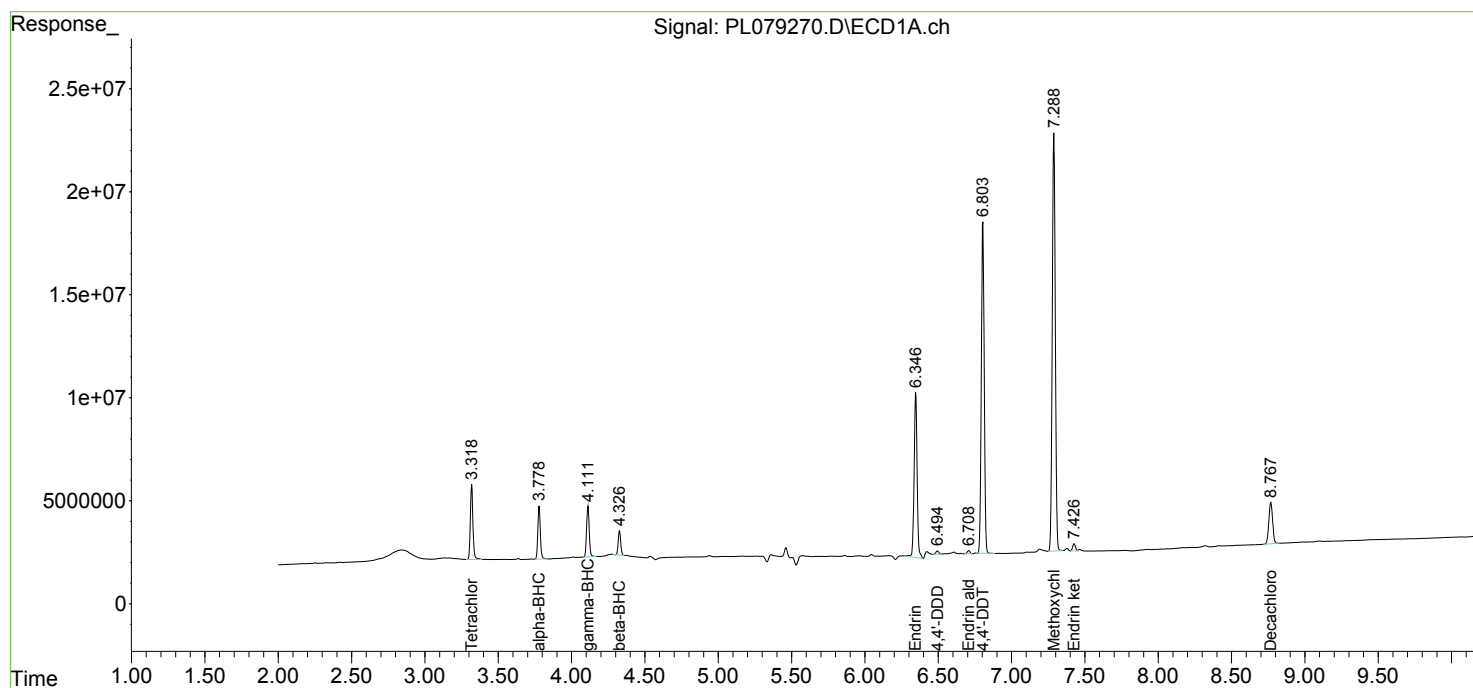
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

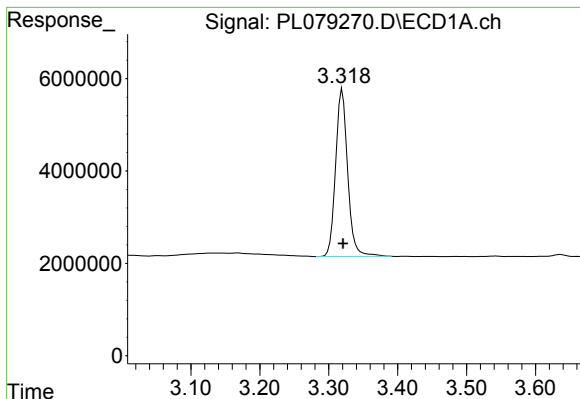
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Integration File signal 1: autoint1.e  
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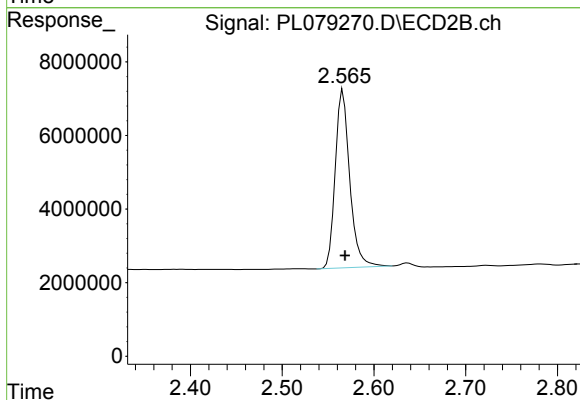
#1 Tetrachloro-m-xylene

R.T.: 3.320 min  
Delta R.T.: -0.001 min  
Response: 44046422  
Conc: 21.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

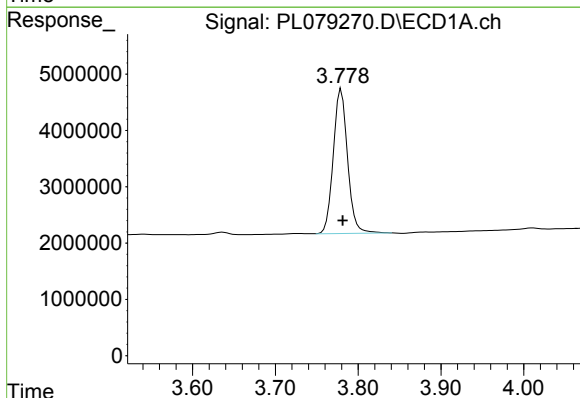
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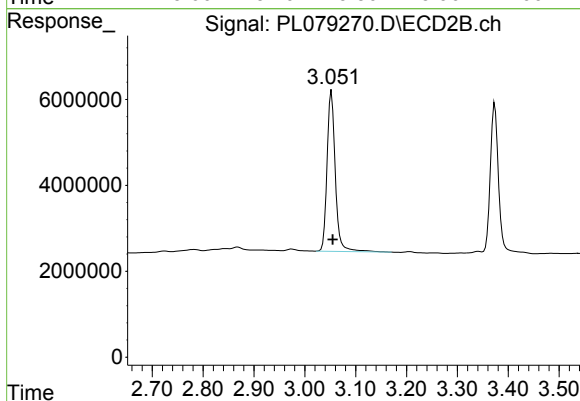
#1 Tetrachloro-m-xylene

R.T.: 2.566 min  
Delta R.T.: -0.002 min  
Response: 53207227  
Conc: 20.89 ng/ml



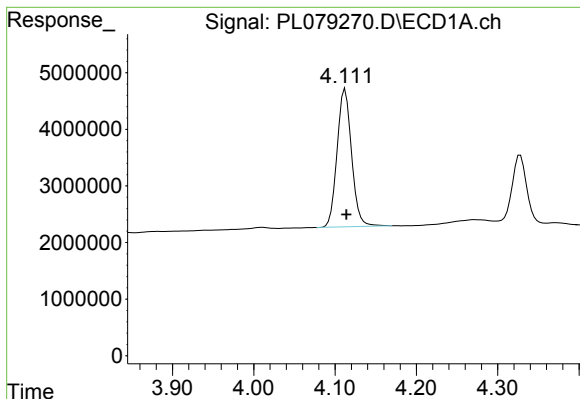
#2 alpha-BHC

R.T.: 3.780 min  
Delta R.T.: -0.002 min  
Response: 30792672  
Conc: 9.77 ng/ml



#2 alpha-BHC

R.T.: 3.052 min  
Delta R.T.: -0.002 min  
Response: 42152406  
Conc: 10.42 ng/ml



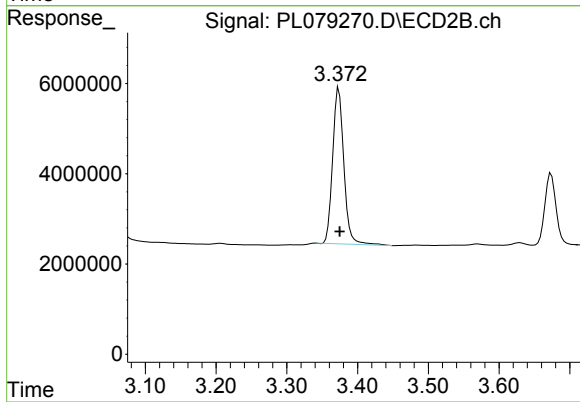
#3 gamma-BHC (Lindane)

R.T.: 4.113 min  
Delta R.T.: -0.002 min  
Response: 30155797  
Conc: 10.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

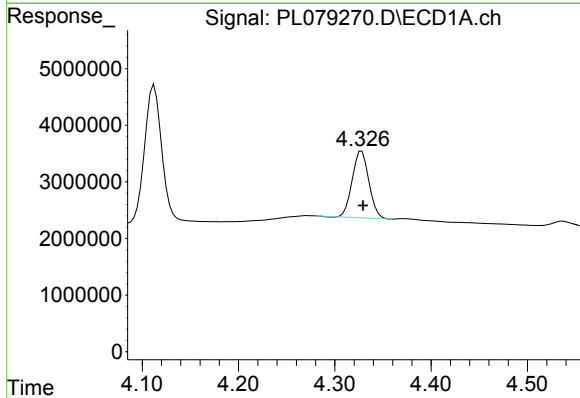
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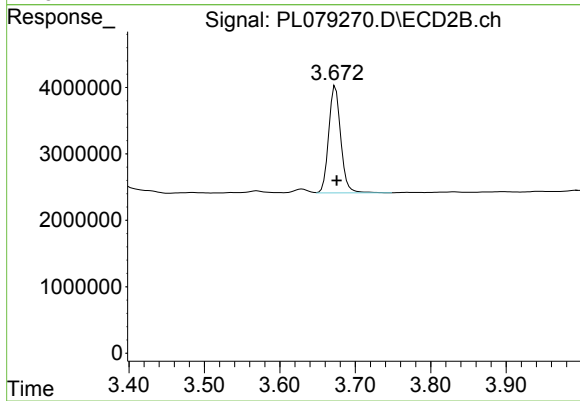
#3 gamma-BHC (Lindane)

R.T.: 3.373 min  
Delta R.T.: -0.001 min  
Response: 37954256  
Conc: 10.70 ng/ml



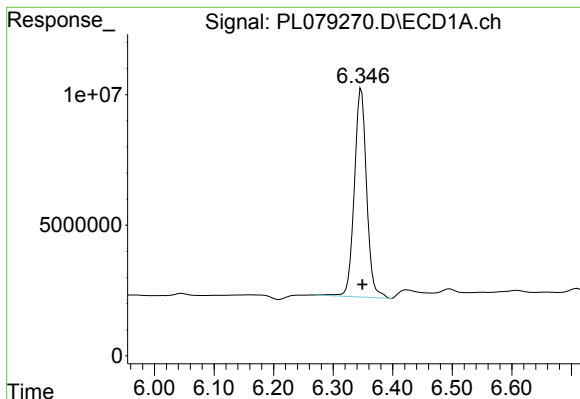
#6 beta-BHC

R.T.: 4.328 min  
Delta R.T.: -0.002 min  
Response: 14047363  
Conc: 10.68 ng/ml



#6 beta-BHC

R.T.: 3.674 min  
Delta R.T.: -0.002 min  
Response: 17807400  
Conc: 12.74 ng/ml



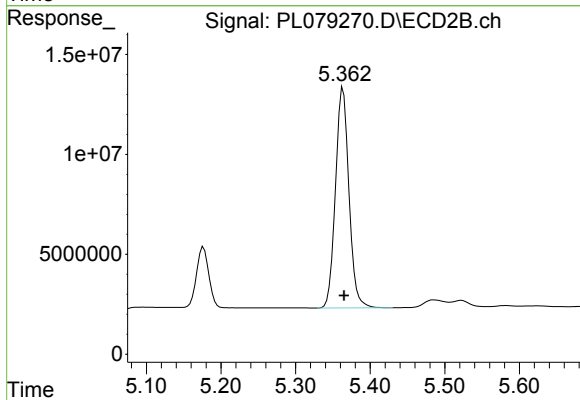
#14 Endrin

R.T.: 6.347 min  
Delta R.T.: -0.002 min  
Response: 114490144  
Conc: 51.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

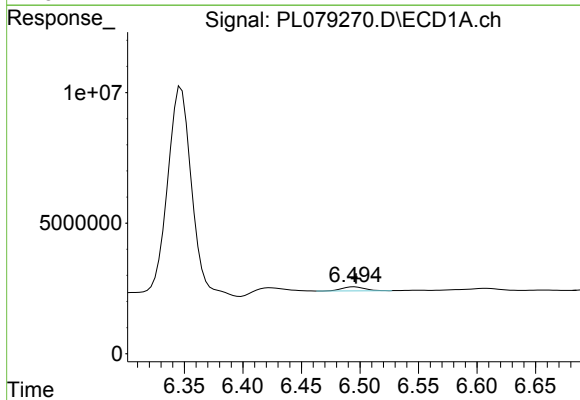
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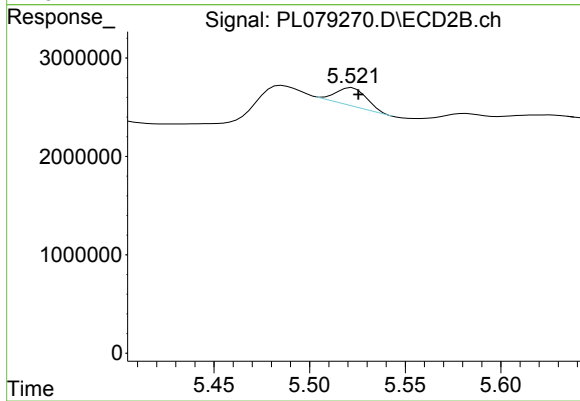
#14 Endrin

R.T.: 5.364 min  
Delta R.T.: -0.001 min  
Response: 138664207  
Conc: 53.09 ng/ml



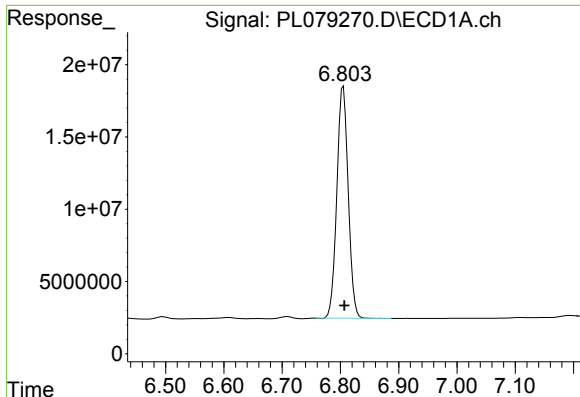
#16 4,4'-DDD

R.T.: 6.495 min  
Delta R.T.: -0.001 min  
Response: 2051033  
Conc: 1.17 ng/ml



#16 4,4'-DDD

R.T.: 5.521 min  
Delta R.T.: -0.004 min  
Response: 2000398  
Conc: 0.86 ng/ml m



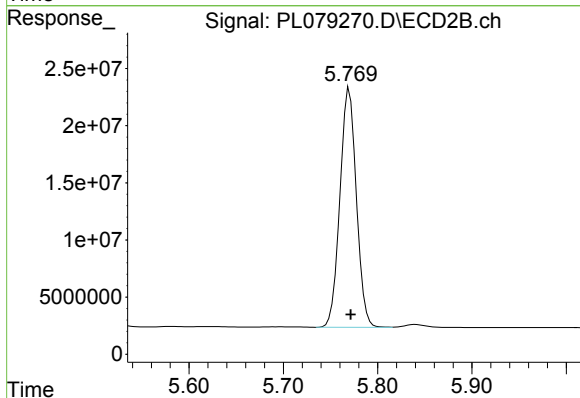
#17 4,4'-DDT

R.T.: 6.805 min  
Delta R.T.: -0.002 min  
Response: 217179812  
Conc: 104.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

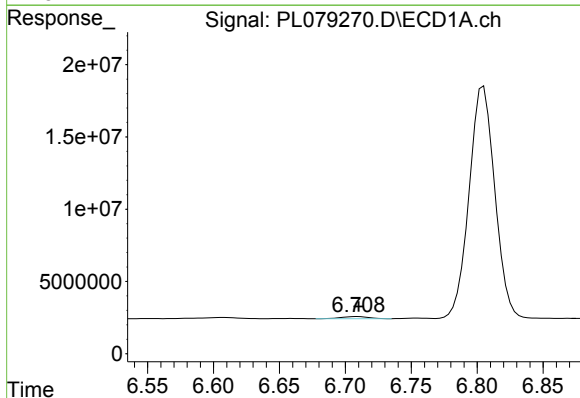
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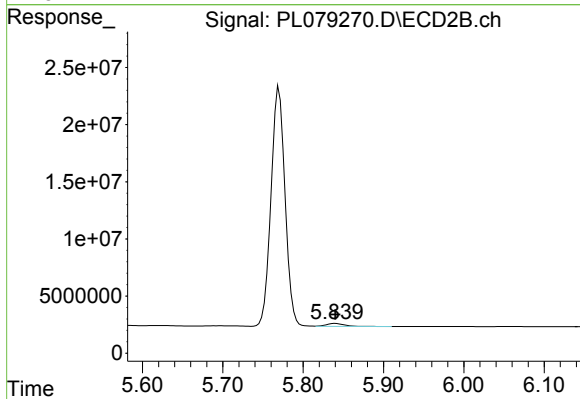
#17 4,4'-DDT

R.T.: 5.770 min  
Delta R.T.: -0.002 min  
Response: 253878221  
Conc: 104.01 ng/ml



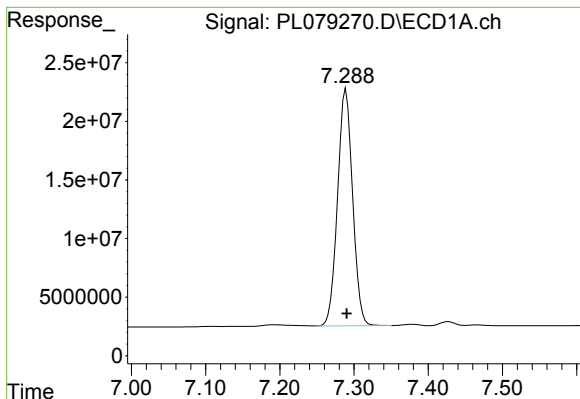
#18 Endrin aldehyde

R.T.: 6.709 min  
Delta R.T.: 0.000 min  
Response: 2097126  
Conc: 1.31 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min  
Delta R.T.: 0.000 min  
Response: 4083162  
Conc: 1.96 ng/ml



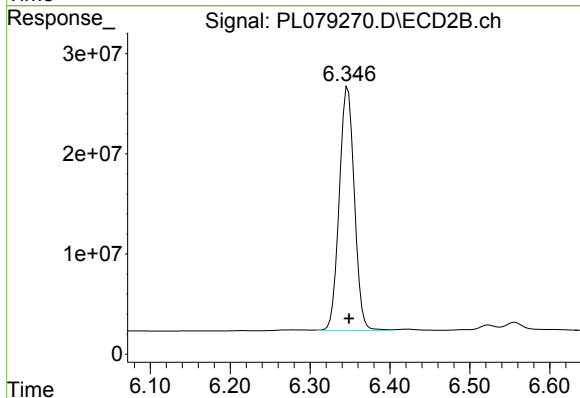
#20 Methoxychlor

R.T.: 7.289 min  
Delta R.T.: -0.001 min  
Response: 285313731  
Conc: 267.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

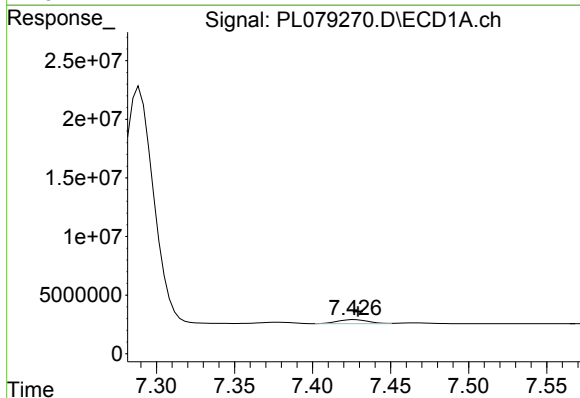
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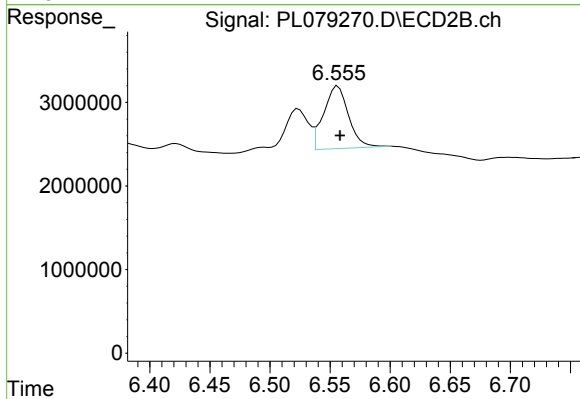
#20 Methoxychlor

R.T.: 6.347 min  
Delta R.T.: -0.002 min  
Response: 319661253  
Conc: 241.97 ng/ml



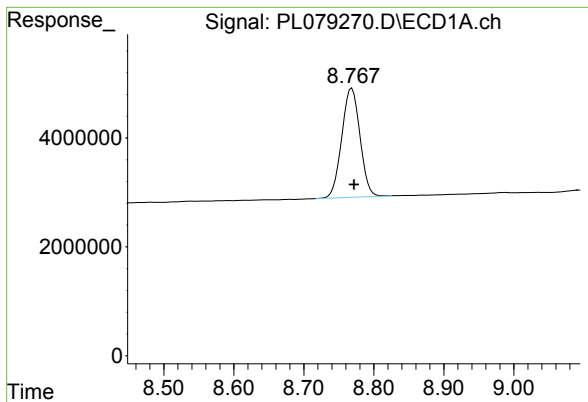
#21 Endrin ketone

R.T.: 7.427 min  
Delta R.T.: -0.002 min  
Response: 4655548  
Conc: 2.24 ng/ml



#21 Endrin ketone

R.T.: 6.557 min  
Delta R.T.: -0.002 min  
Response: 10875146  
Conc: 3.84 ng/ml



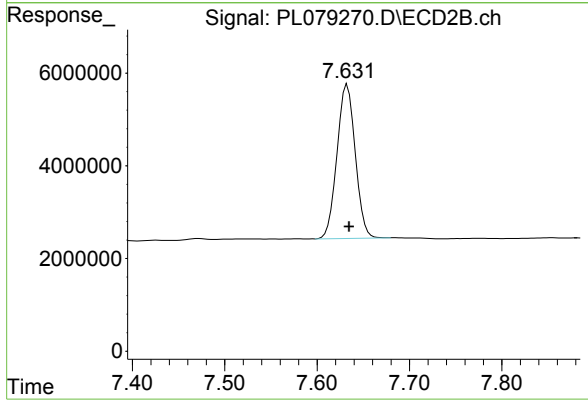
#28 Decachlorobiphenyl

R.T.: 8.769 min  
Delta R.T.: -0.003 min  
Response: 36249137  
Conc: 21.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 7.633 min  
Delta R.T.: -0.002 min  
Response: 45638343  
Conc: 22.00 ng/ml