

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083019\  
 Data File : PL052078.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Aug 2019 23:43  
 Operator : SG\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: Aug 31 01:23:02 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 2019  
 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... | 3.313 | 3.923 | 172.5E6  | 45335464 | 20.158  | 20.750  |
| 28)                         | SA Decachlor... | 7.970 | 8.948 | 231.8E6  | 57006091 | 19.100  | 18.728  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.740 | 4.311 | 138.5E6  | 28104495 | 9.559   | 8.722   |
| 3)                          | MA gamma-BHC... | 4.015 | 4.594 | 127.6E6  | 27051524 | 9.702   | 8.592   |
| 6)                          | B beta-BHC      | 4.271 | 4.772 | 59901582 | 15156683 | 10.491  | 10.400  |
| 14)                         | MA Endrin       | 5.793 | 6.612 | 639.6E6  | 133.7E6  | 43.850  | 44.219  |
| 16)                         | A 4,4'-DDD      | 5.928 | 6.740 | 26484951 | 6925322  | 2.163   | 2.558   |
| 17)                         | MA 4,4'-DDT     | 6.162 | 7.036 | 1181.3E6 | 273.9E6  | 92.638  | 93.544  |
| 18)                         | B Endrin al...  | 6.234 | 6.948 | 11159564 | 3085684  | 0.959   | 1.092   |
| 20)                         | A Methoxychlor  | 6.706 | 7.497 | 1449.6E6 | 348.7E6  | 213.814 | 207.912 |
| 21)                         | B Endrin ke...  | 6.925 | 7.638 | 38662087 | 6306587  | 2.733m  | 1.971 # |
| -----                       |                 |       |       |          |          |         |         |

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Aug 2019 23:43  
Operator : SG\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

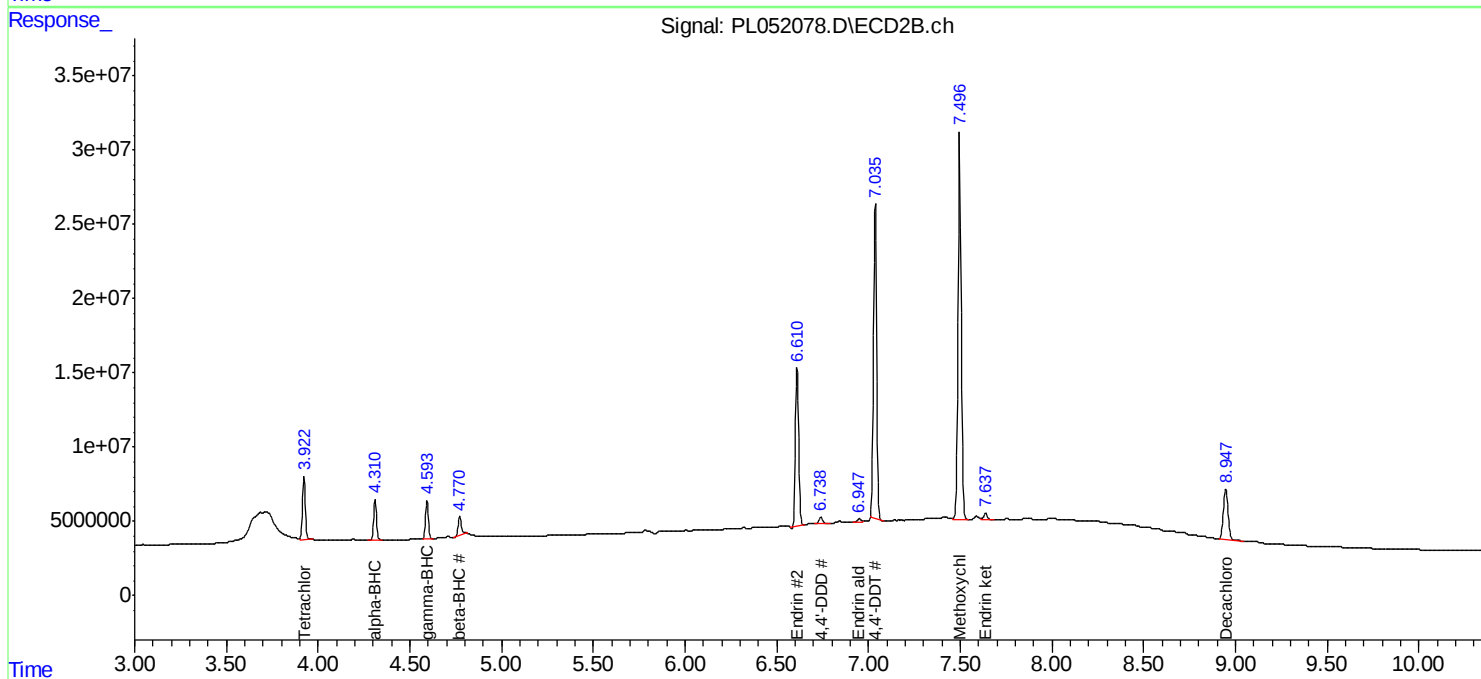
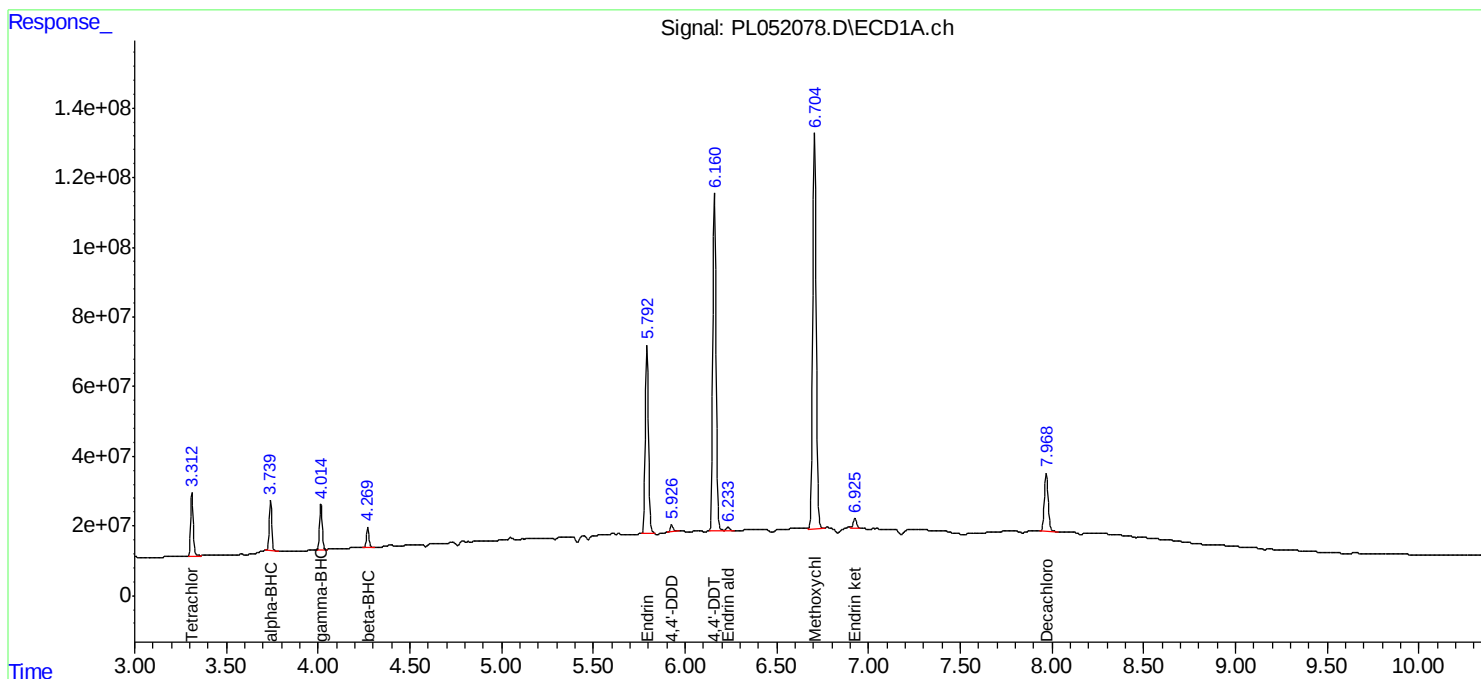
Instrument :  
ECD\_L  
ClientSampled :  
PEM

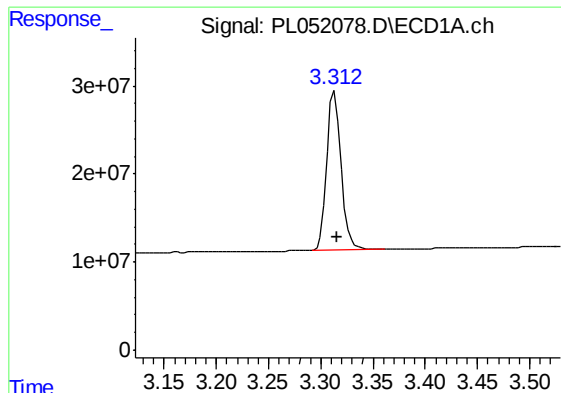
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 01:23:02 2019  
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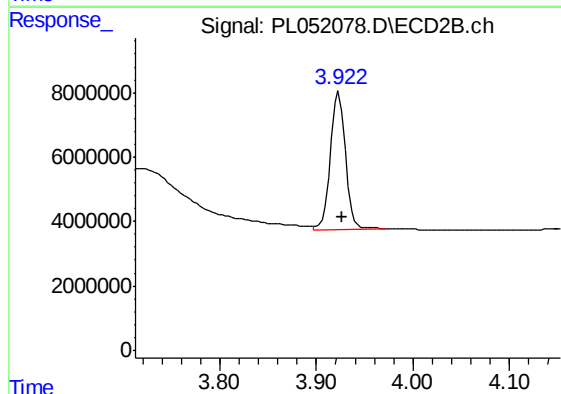
#1 Tetrachloro-m-xylene

R.T.: 3.313 min  
Delta R.T.: -0.003 min  
Response: 172520491  
Conc: 20.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

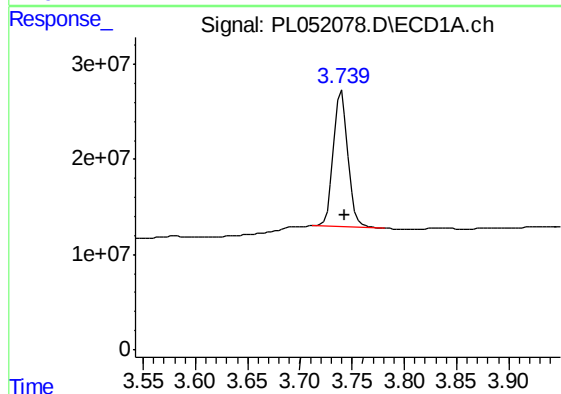
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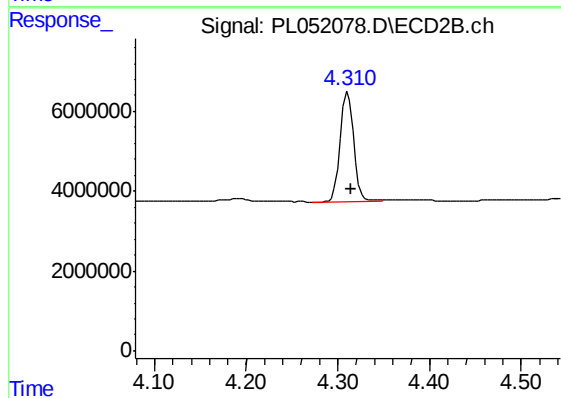
#1 Tetrachloro-m-xylene

R.T.: 3.923 min  
Delta R.T.: -0.003 min  
Response: 45335464  
Conc: 20.75 ng/ml



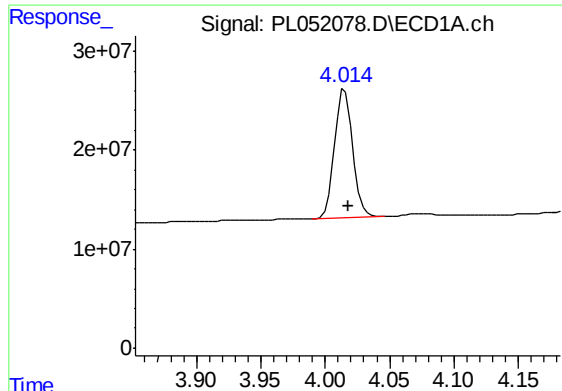
#2 alpha-BHC

R.T.: 3.740 min  
Delta R.T.: -0.003 min  
Response: 138511659  
Conc: 9.56 ng/ml



#2 alpha-BHC

R.T.: 4.311 min  
Delta R.T.: -0.004 min  
Response: 28104495  
Conc: 8.72 ng/ml



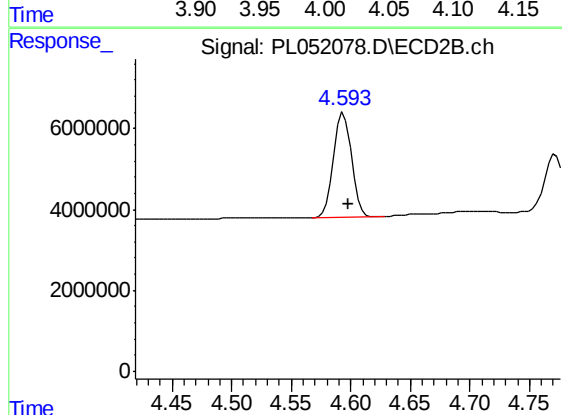
#3 gamma-BHC (Lindane)

R.T.: 4.015 min  
Delta R.T.: -0.003 min  
Response: 127643167  
Conc: 9.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

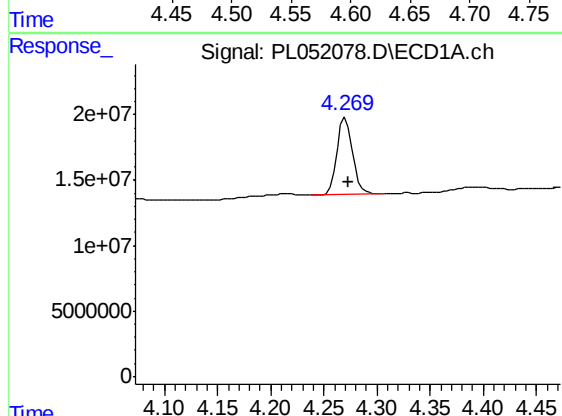
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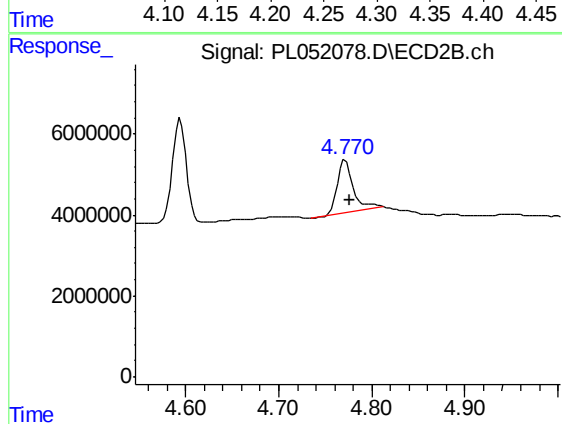
#3 gamma-BHC (Lindane)

R.T.: 4.594 min  
Delta R.T.: -0.004 min  
Response: 27051524  
Conc: 8.59 ng/ml



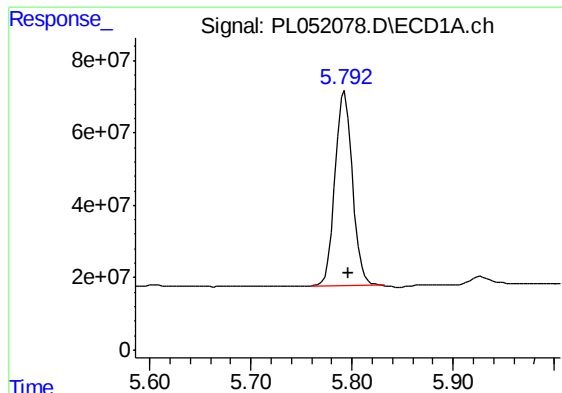
#6 beta-BHC

R.T.: 4.271 min  
Delta R.T.: -0.002 min  
Response: 59901582  
Conc: 10.49 ng/ml



#6 beta-BHC

R.T.: 4.772 min  
Delta R.T.: -0.004 min  
Response: 15156683  
Conc: 10.40 ng/ml



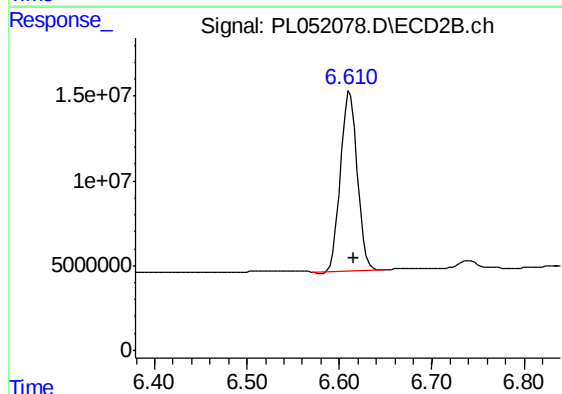
#14 Endrin

R.T.: 5.793 min  
Delta R.T.: -0.003 min  
Response: 639600042  
Conc: 43.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

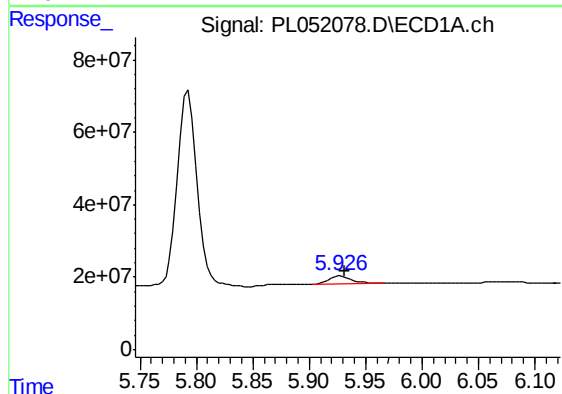
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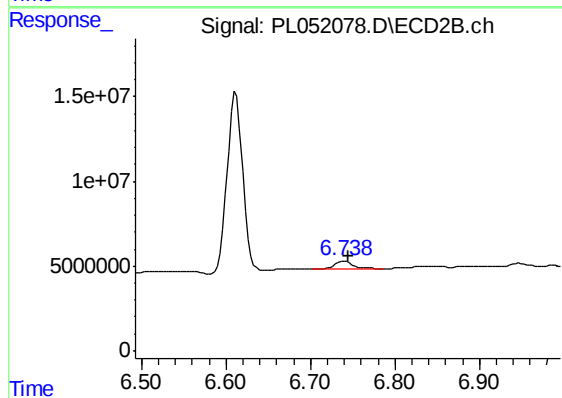
#14 Endrin

R.T.: 6.612 min  
Delta R.T.: -0.004 min  
Response: 133744594  
Conc: 44.22 ng/ml



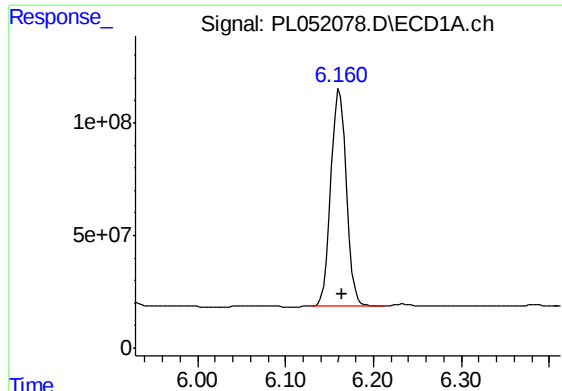
#16 4,4'-DDD

R.T.: 5.928 min  
Delta R.T.: -0.004 min  
Response: 26484951  
Conc: 2.16 ng/ml



#16 4,4'-DDD

R.T.: 6.740 min  
Delta R.T.: -0.004 min  
Response: 6925322  
Conc: 2.56 ng/ml



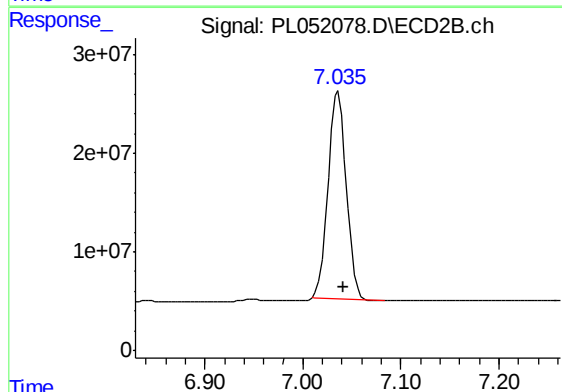
#17 4,4'-DDT

R.T.: 6.162 min  
Delta R.T.: -0.003 min  
Response: 1181252344  
Conc: 92.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

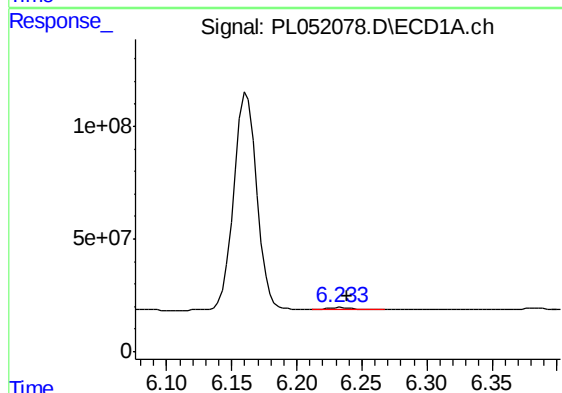
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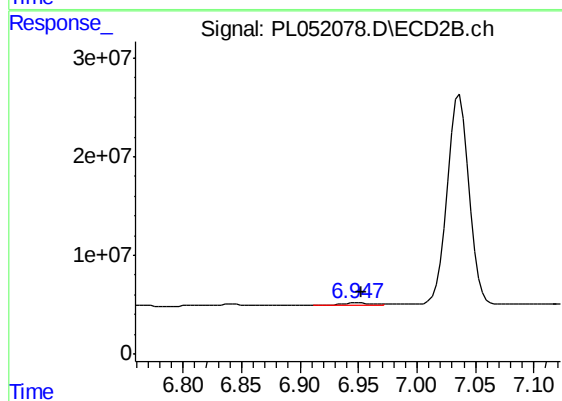
#17 4,4'-DDT

R.T.: 7.036 min  
Delta R.T.: -0.005 min  
Response: 273867933  
Conc: 93.54 ng/ml



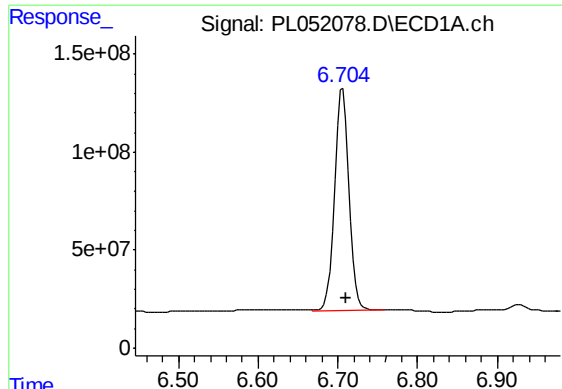
#18 Endrin aldehyde

R.T.: 6.234 min  
Delta R.T.: -0.004 min  
Response: 11159564  
Conc: 0.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.948 min  
Delta R.T.: -0.005 min  
Response: 3085684  
Conc: 1.09 ng/ml



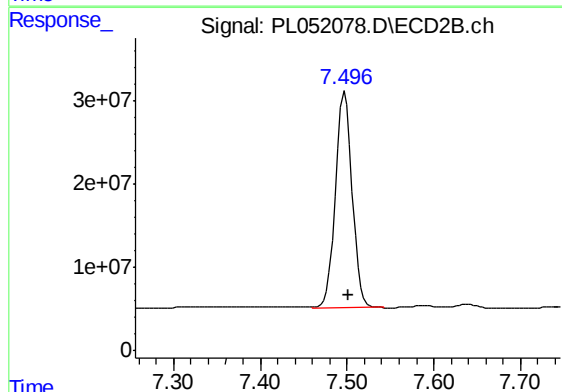
#20 Methoxychlor

R.T.: 6.706 min  
Delta R.T.: -0.004 min  
Response: 1449606990  
Conc: 213.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

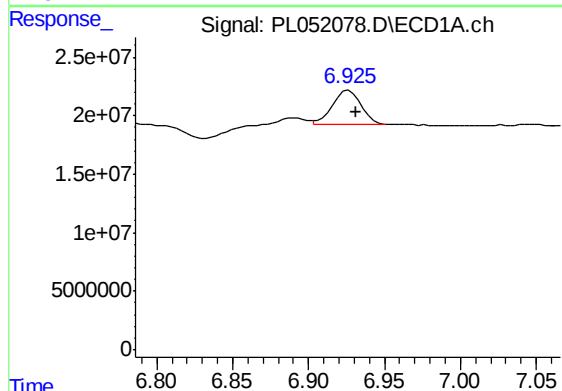
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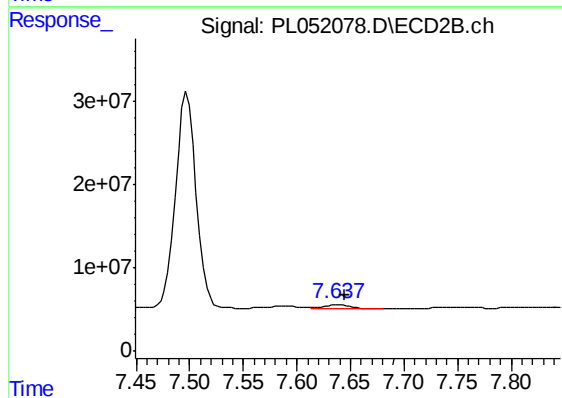
#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: -0.004 min  
Response: 348709792  
Conc: 207.91 ng/ml



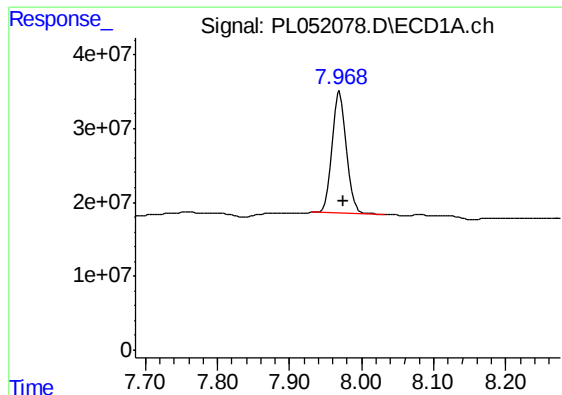
#21 Endrin ketone

R.T.: 6.925 min  
Delta R.T.: -0.006 min  
Response: 38662087  
Conc: 2.73 ng/ml m



#21 Endrin ketone

R.T.: 7.638 min  
Delta R.T.: -0.006 min  
Response: 6306587  
Conc: 1.97 ng/ml



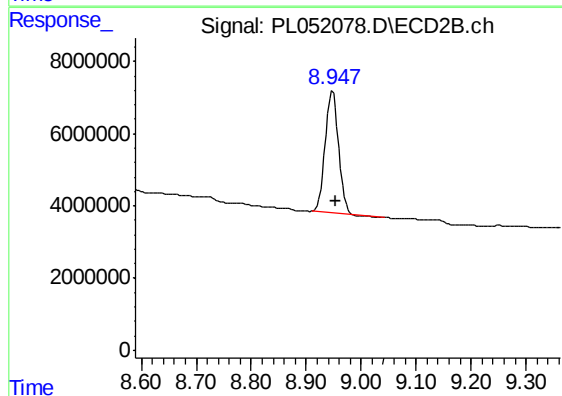
#28 Decachlorobiphenyl

R.T.: 7.970 min  
Delta R.T.: -0.005 min  
Response: 231834566  
Conc: 19.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.948 min  
Delta R.T.: -0.006 min  
Response: 57006091  
Conc: 18.73 ng/ml