

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051420\  
 Data File : PL058700.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 May 2020 08:46  
 Operator : AJ\MA  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 14 23:48:40 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 14 06:40:09 2020  
 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... | 3.532 | 4.077 | 36885880 | 51569257 | 22.452  | 23.824  |
| 28)                         | SA Decachlor... | 8.319 | 9.190 | 32244740 | 45739769 | 24.694  | 25.881  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.975 | 4.470 | 24068609 | 33328556 | 10.455  | 10.885  |
| 3)                          | MA gamma-BHC... | 4.260 | 4.757 | 21024533 | 31469891 | 10.248  | 10.734  |
| 6)                          | B beta-BHC      | 4.510 | 4.925 | 10718584 | 17848710 | 12.091  | 13.457  |
| 12)                         | B 4,4'-DDE      | 5.716 | 6.429 | 355735   | 632523   | 0.255m  | 0.303   |
| 14)                         | MA Endrin       | 6.109 | 6.803 | 72995256 | 102.2E6  | 56.185  | 56.374  |
| 16)                         | A 4,4'-DDD      | 6.234 | 6.920 | 2979790  | 5002152  | 2.527   | 2.858   |
| 17)                         | MA 4,4'-DDT     | 6.477 | 7.221 | 144.2E6  | 206.7E6  | 118.140 | 122.108 |
| 18)                         | B Endrin al...  | 6.549 | 7.135 | 1121394  | 1756196  | 0.955   | 1.029   |
| 20)                         | A Methoxychlor  | 7.024 | 7.678 | 175.6E6  | 276.9E6  | 270.483 | 281.901 |
| 21)                         | B Endrin ke...  | 7.256 | 7.831 | 3529392  | 5136843  | 2.380   | 2.550   |
| -----                       |                 |       |       |          |          |         |         |

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

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Data File : PL058700.D  
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Acq On : 14 May 2020 08:46  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

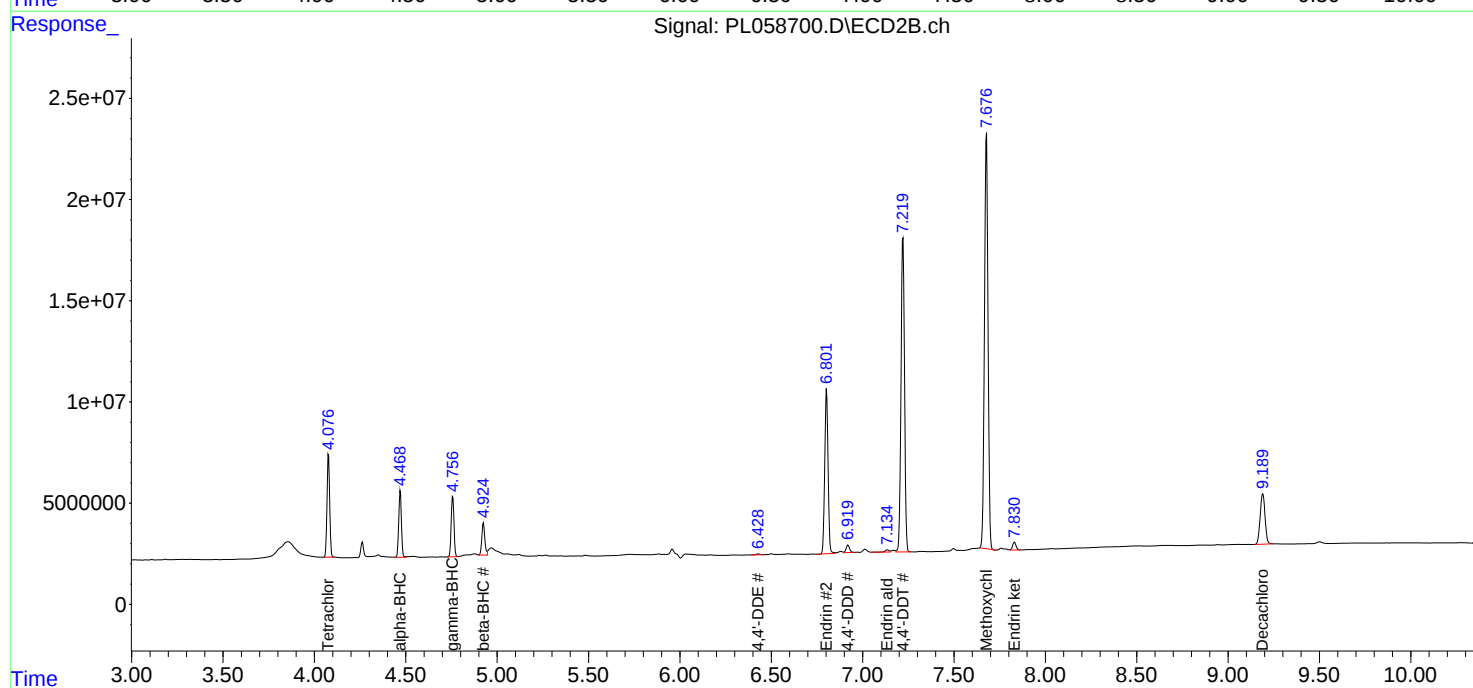
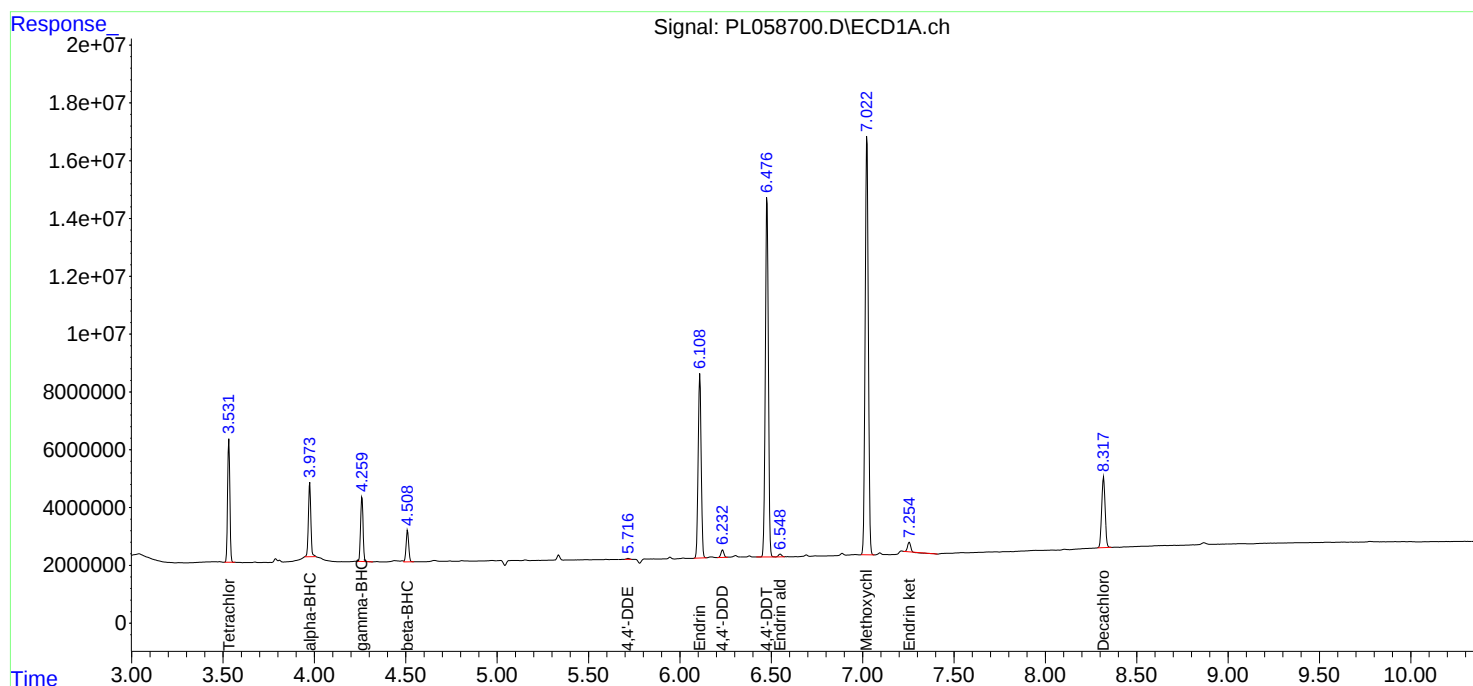
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

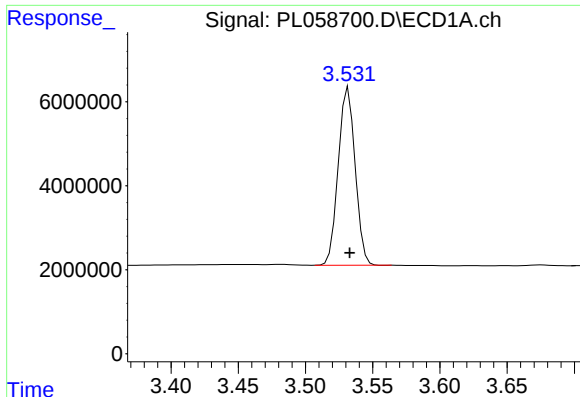
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 14 23:48:40 2020  
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Volume Inj. : 1 µl  
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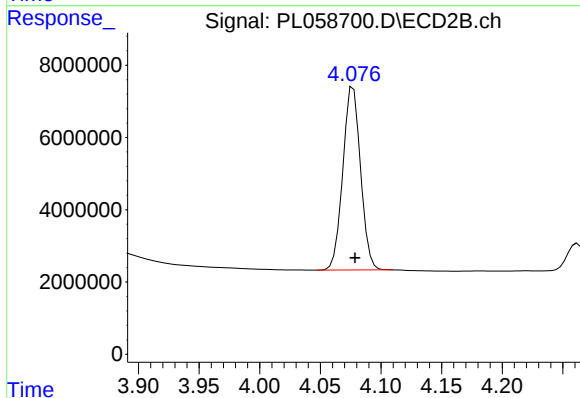
#1 Tetrachloro-m-xylene

R.T.: 3.532 min  
Delta R.T.: -0.001 min  
Response: 36885880  
Conc: 22.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

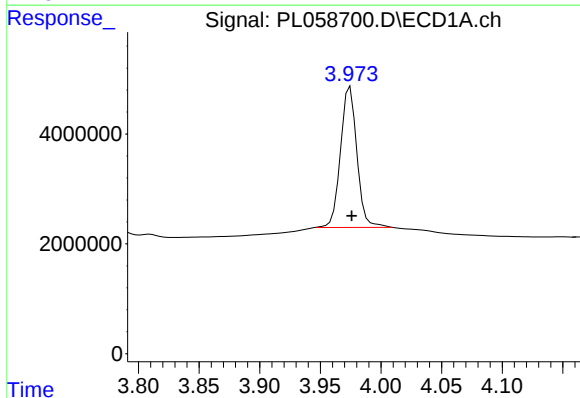
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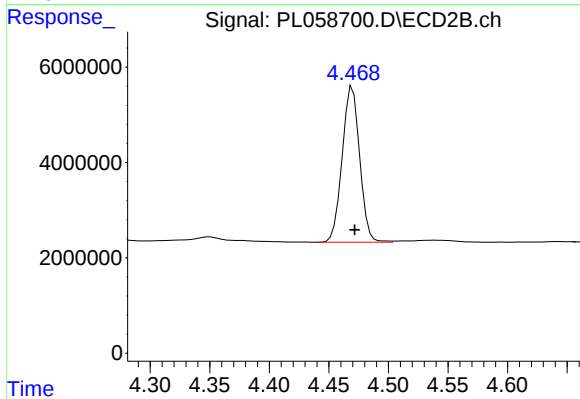
#1 Tetrachloro-m-xylene

R.T.: 4.077 min  
Delta R.T.: -0.001 min  
Response: 51569257  
Conc: 23.82 ng/ml



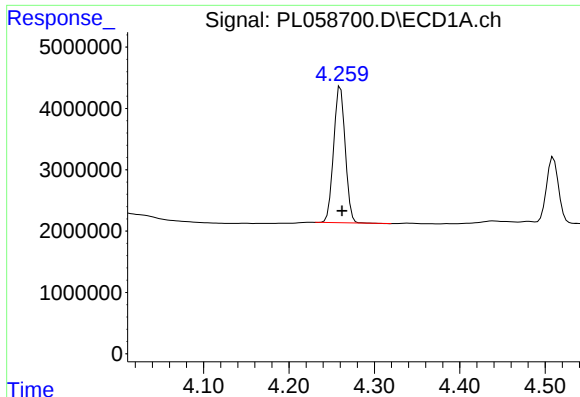
#2 alpha-BHC

R.T.: 3.975 min  
Delta R.T.: -0.001 min  
Response: 24068609  
Conc: 10.46 ng/ml



#2 alpha-BHC

R.T.: 4.470 min  
Delta R.T.: -0.002 min  
Response: 33328556  
Conc: 10.88 ng/ml



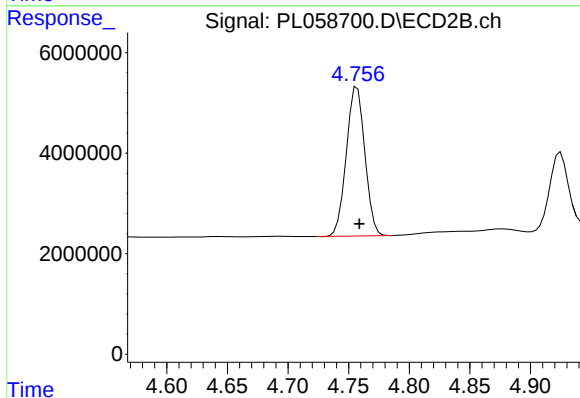
#3 gamma-BHC (Lindane)

R.T.: 4.260 min  
Delta R.T.: -0.002 min  
Response: 21024533  
Conc: 10.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

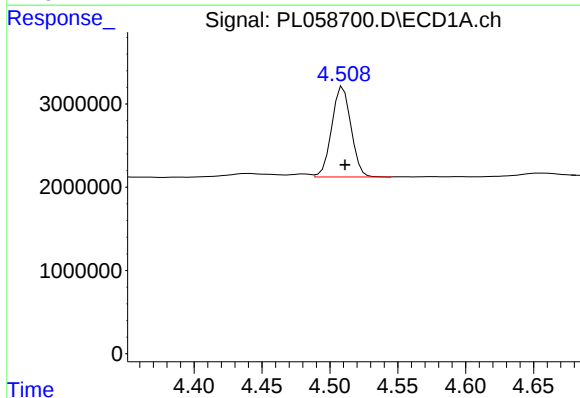
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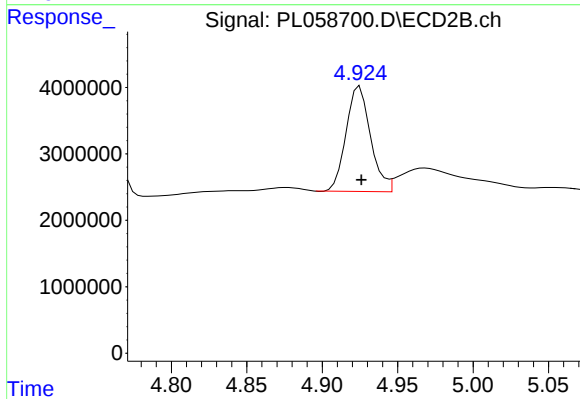
#3 gamma-BHC (Lindane)

R.T.: 4.757 min  
Delta R.T.: -0.002 min  
Response: 31469891  
Conc: 10.73 ng/ml



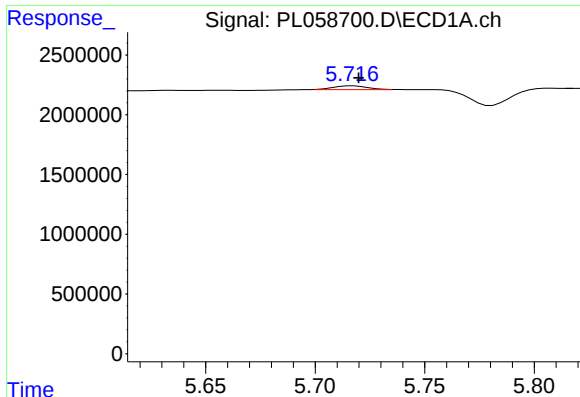
#6 beta-BHC

R.T.: 4.510 min  
Delta R.T.: -0.001 min  
Response: 10718584  
Conc: 12.09 ng/ml



#6 beta-BHC

R.T.: 4.925 min  
Delta R.T.: -0.001 min  
Response: 17848710  
Conc: 13.46 ng/ml



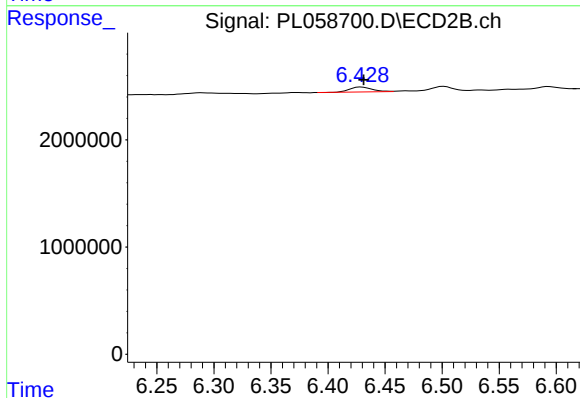
#12 4,4'-DDE

R.T.: 5.716 min  
Delta R.T.: -0.004 min  
Response: 355735  
Conc: 0.26 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#12 4,4'-DDE

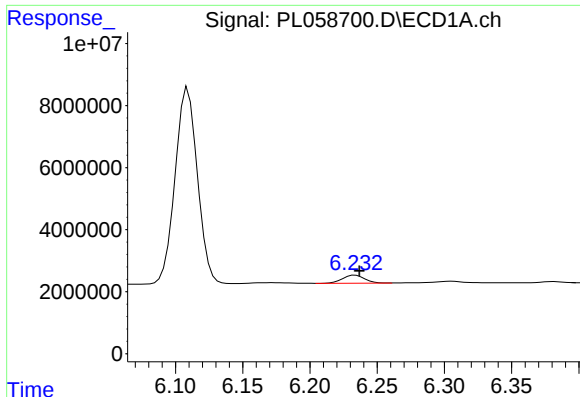
R.T.: 6.429 min  
Delta R.T.: -0.002 min  
Response: 632523  
Conc: 0.30 ng/ml

#14 Endrin

R.T.: 6.109 min  
Delta R.T.: -0.003 min  
Response: 72995256  
Conc: 56.19 ng/ml

#14 Endrin

R.T.: 6.803 min  
Delta R.T.: -0.002 min  
Response: 102235806  
Conc: 56.37 ng/ml



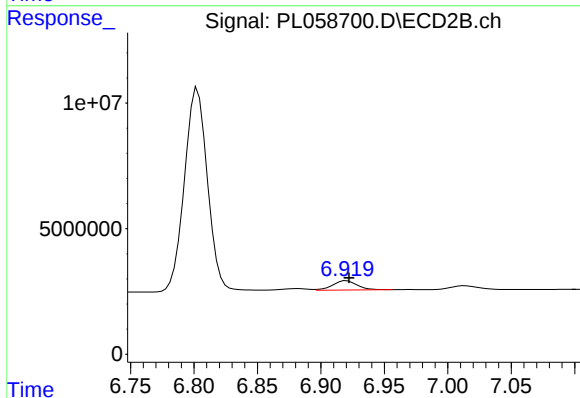
#16 4,4'-DDD

R.T.: 6.234 min  
Delta R.T.: -0.003 min  
Response: 2979790  
Conc: 2.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

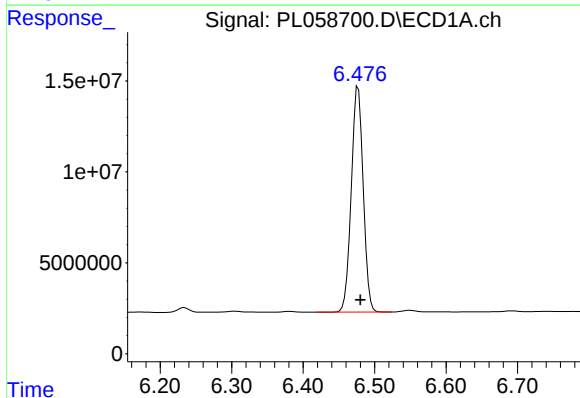
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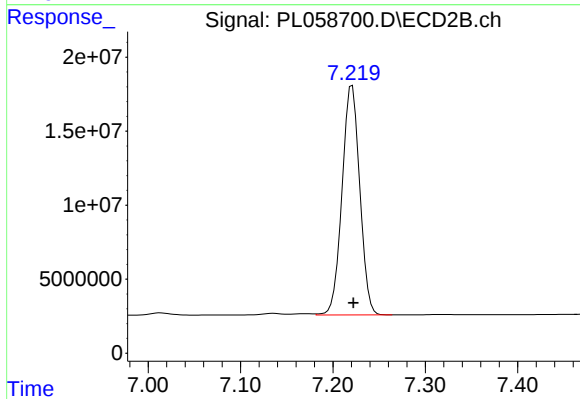
#16 4,4'-DDD

R.T.: 6.920 min  
Delta R.T.: -0.002 min  
Response: 5002152  
Conc: 2.86 ng/ml



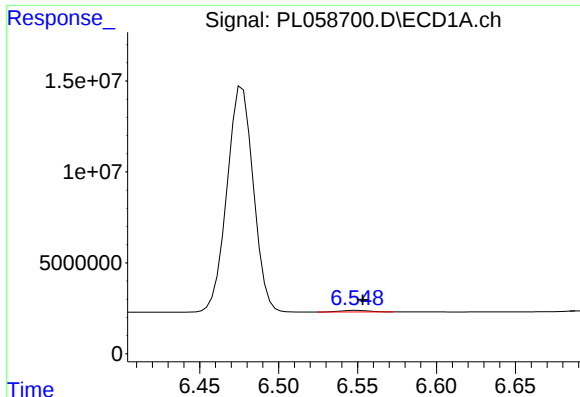
#17 4,4'-DDT

R.T.: 6.477 min  
Delta R.T.: -0.003 min  
Response: 144161236  
Conc: 118.14 ng/ml



#17 4,4'-DDT

R.T.: 7.221 min  
Delta R.T.: -0.001 min  
Response: 206679343  
Conc: 122.11 ng/ml



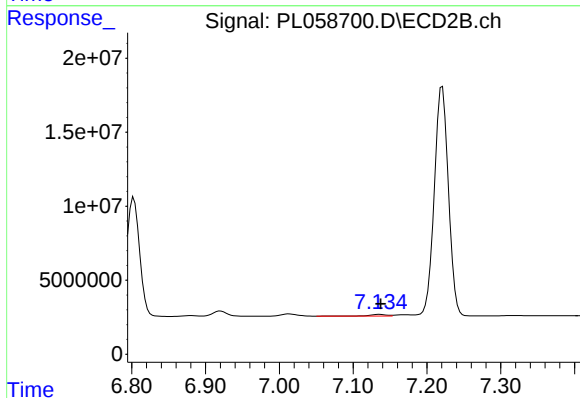
#18 Endrin aldehyde

R.T.: 6.549 min  
Delta R.T.: -0.004 min  
Response: 1121394  
Conc: 0.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

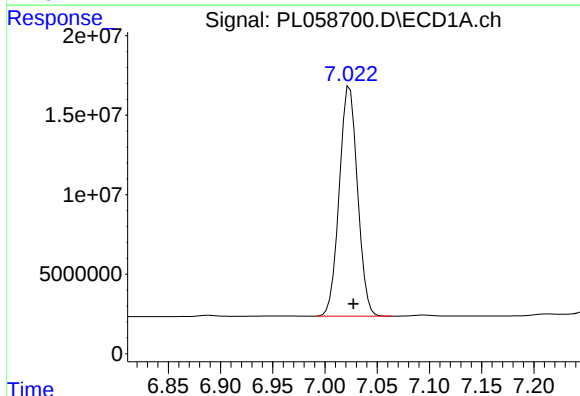
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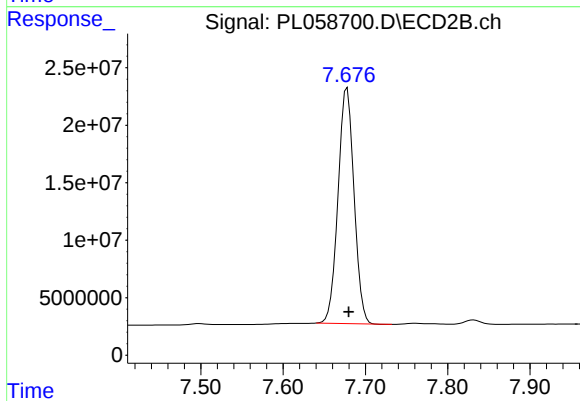
#18 Endrin aldehyde

R.T.: 7.135 min  
Delta R.T.: -0.002 min  
Response: 1756196  
Conc: 1.03 ng/ml



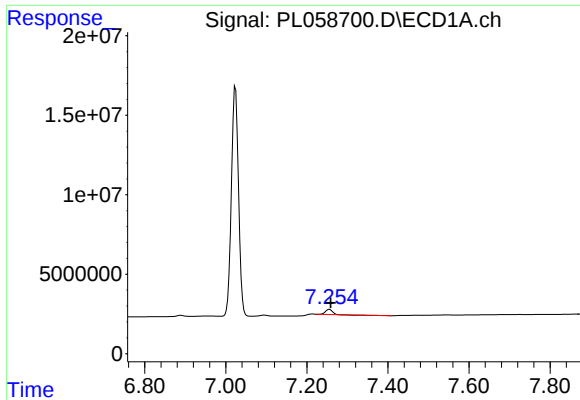
#20 Methoxychlor

R.T.: 7.024 min  
Delta R.T.: -0.003 min  
Response: 175585318  
Conc: 270.48 ng/ml



#20 Methoxychlor

R.T.: 7.678 min  
Delta R.T.: -0.002 min  
Response: 276875226  
Conc: 281.90 ng/ml



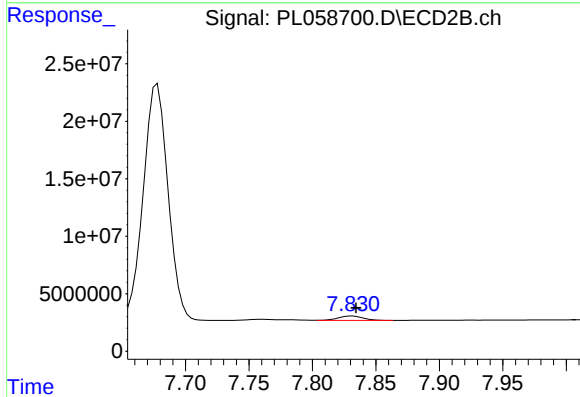
#21 Endrin ketone

R.T.: 7.256 min  
Delta R.T.: -0.003 min  
Response: 3529392  
Conc: 2.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

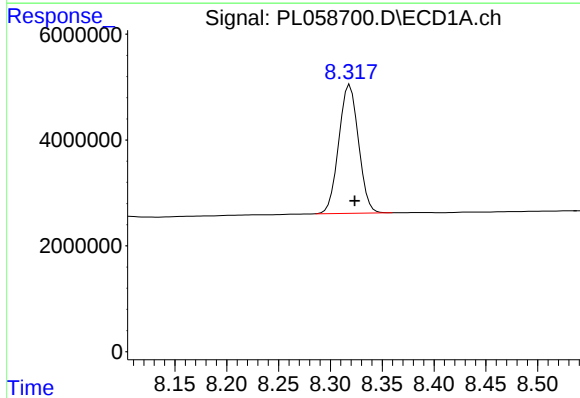
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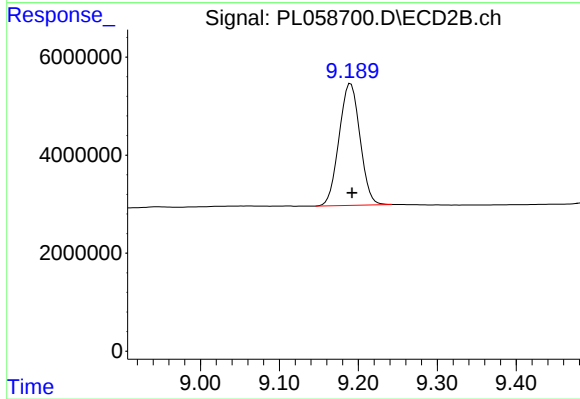
#21 Endrin ketone

R.T.: 7.831 min  
Delta R.T.: -0.003 min  
Response: 5136843  
Conc: 2.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.319 min  
Delta R.T.: -0.005 min  
Response: 32244740  
Conc: 24.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.190 min  
Delta R.T.: -0.002 min  
Response: 45739769  
Conc: 25.88 ng/ml