

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061820\  
 Data File : PL059335.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jun 2020 16:21  
 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: Jun 19 14:51:04 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 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... | 3.519 | 4.072 | 37637124 | 57095841 | 21.795  | 21.944  |
| 28)                         | SA Decachlor... | 8.290 | 9.180 | 29327586 | 46914740 | 17.835  | 19.791m |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.960 | 4.464 | 24791237 | 36936978 | 9.903   | 9.610   |
| 3)                          | MA gamma-BHC... | 4.245 | 4.751 | 21131043 | 34503123 | 9.635   | 9.455   |
| 6)                          | B beta-BHC      | 4.494 | 4.920 | 10342144 | 18760876 | 10.884  | 12.406  |
| 14)                         | MA Endrin       | 6.086 | 6.796 | 73748714 | 103.0E6  | 48.674  | 41.377  |
| 16)                         | A 4,4'-DDD      | 6.210 | 6.914 | 4168980  | 5685459  | 3.154   | 2.450   |
| 17)                         | MA 4,4'-DDT     | 6.452 | 7.215 | 131.7E6  | 210.8E6  | 104.412 | 92.566  |
| 18)                         | B Endrin al...  | 6.523 | 7.129 | 744431   | 837813   | 0.565m  | 0.366 # |
| 20)                         | A Methoxychlor  | 6.997 | 7.672 | 229.7E6  | 359.7E6  | 299.011 | 272.808 |
| 21)                         | B Endrin ke...  | 7.230 | 7.823 | 2840834  | 3447340  | 1.636   | 1.314m  |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 18 Jun 2020 16:21  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

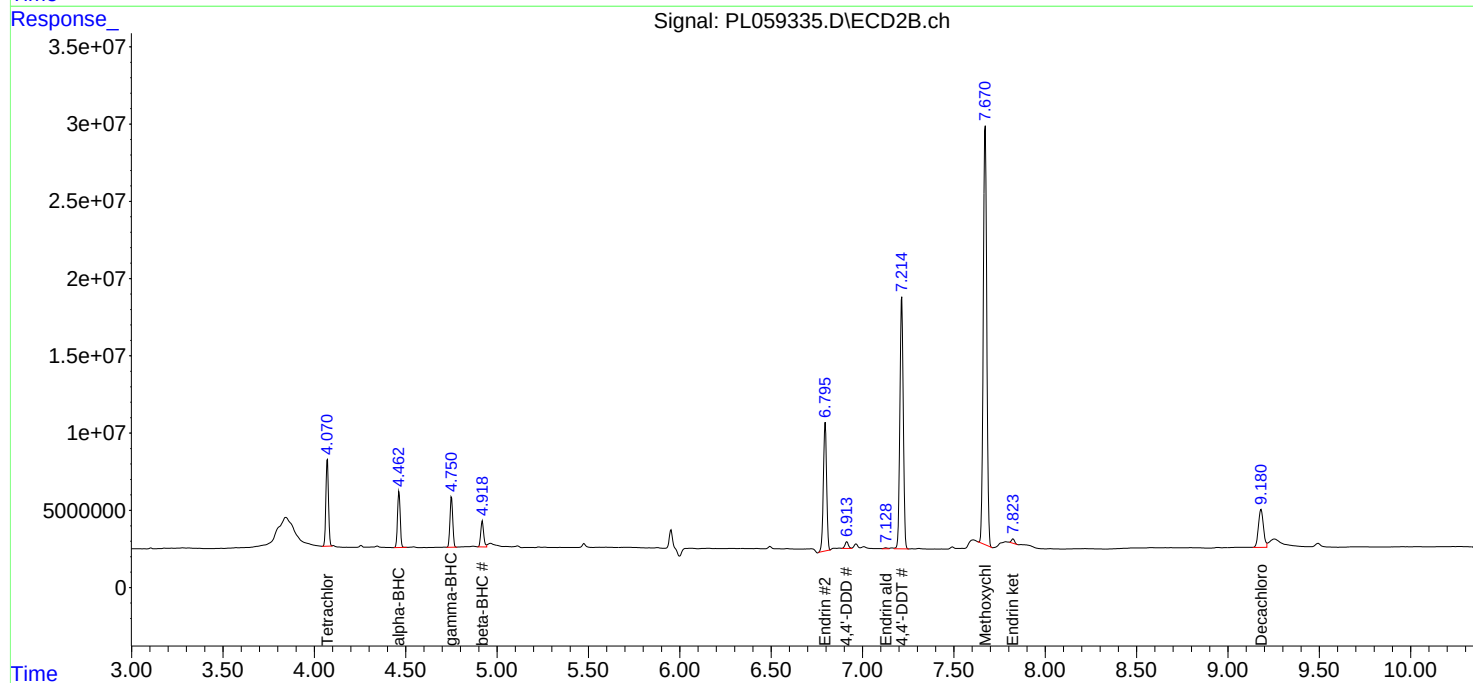
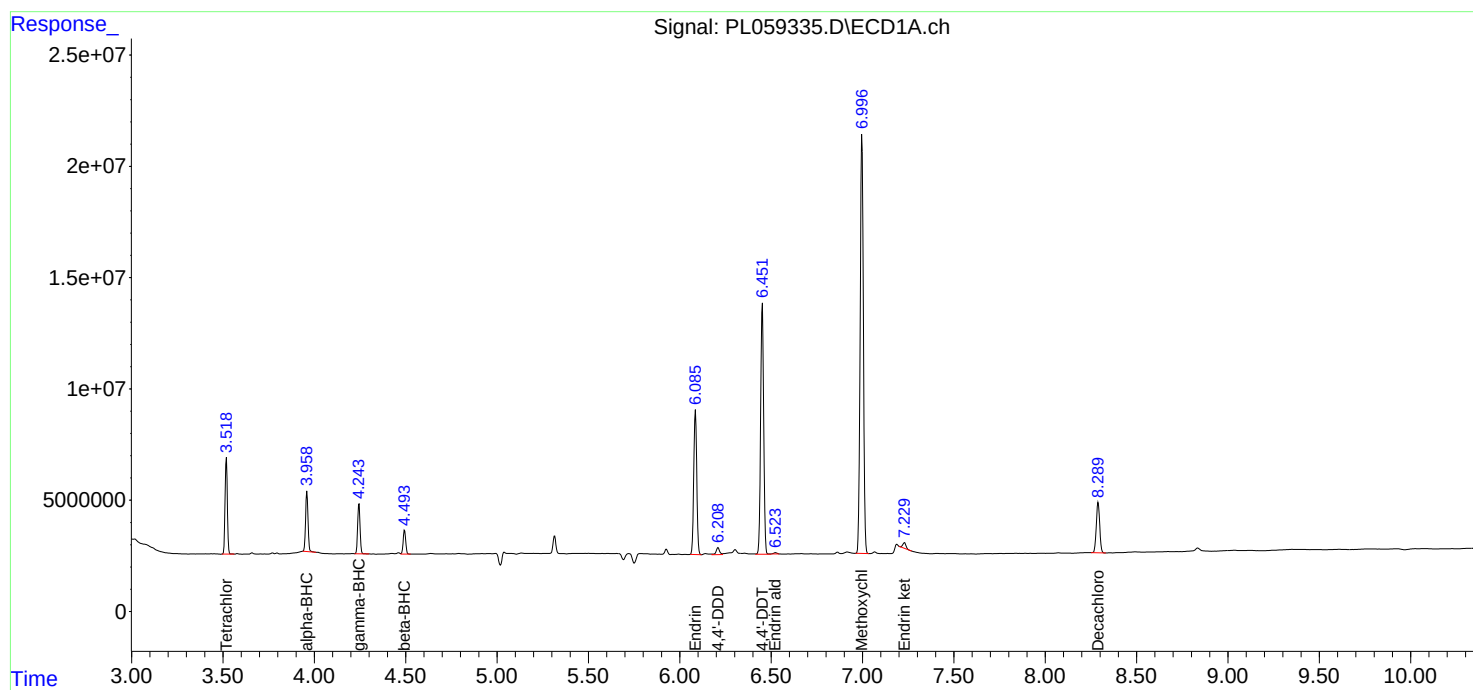
Instrument :  
ECD\_L  
ClientSampled :  
PEM

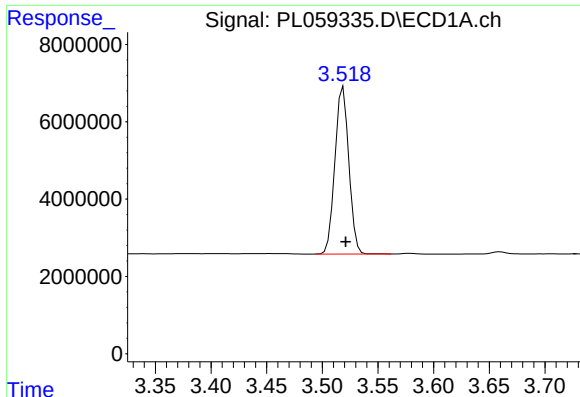
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 19 14:51:04 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
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QLast Update : Thu Jun 04 08:16:22 2020  
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





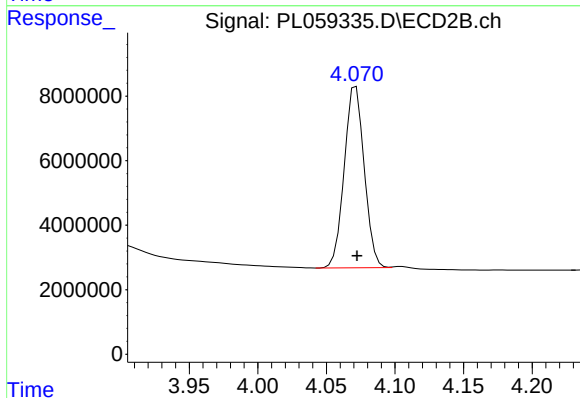
#1 Tetrachloro-m-xylene

R.T.: 3.519 min  
Delta R.T.: -0.002 min  
Response: 37637124  
Conc: 21.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

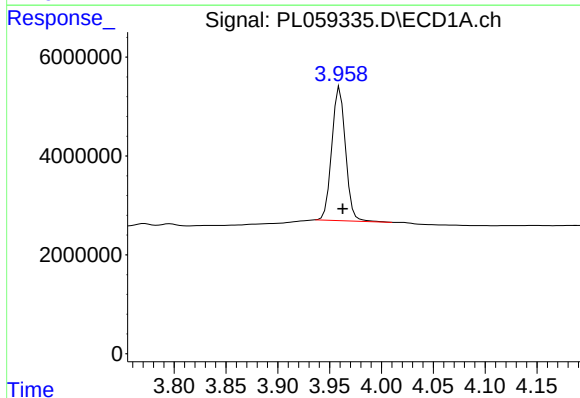
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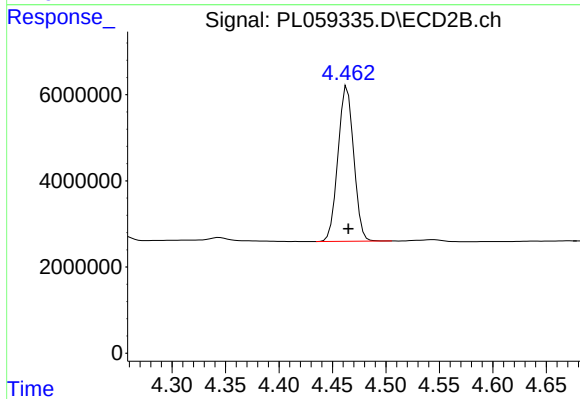
#1 Tetrachloro-m-xylene

R.T.: 4.072 min  
Delta R.T.: 0.000 min  
Response: 57095841  
Conc: 21.94 ng/ml



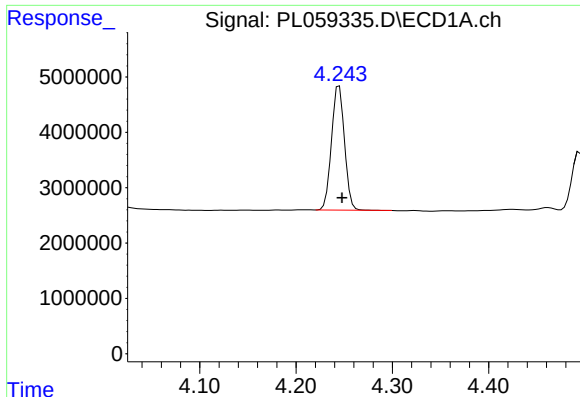
#2 alpha-BHC

R.T.: 3.960 min  
Delta R.T.: -0.003 min  
Response: 24791237  
Conc: 9.90 ng/ml



#2 alpha-BHC

R.T.: 4.464 min  
Delta R.T.: -0.001 min  
Response: 36936978  
Conc: 9.61 ng/ml



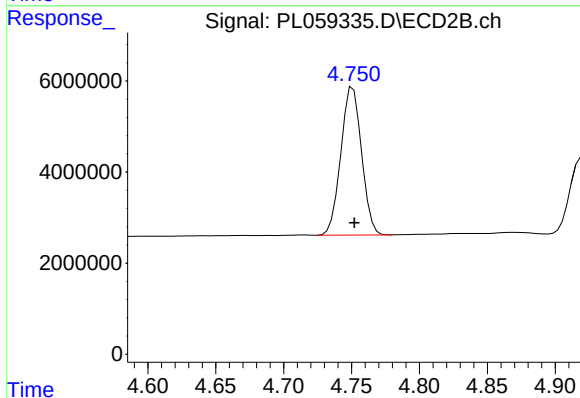
#3 gamma-BHC (Lindane)

R.T.: 4.245 min  
Delta R.T.: -0.003 min  
Response: 21131043  
Conc: 9.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

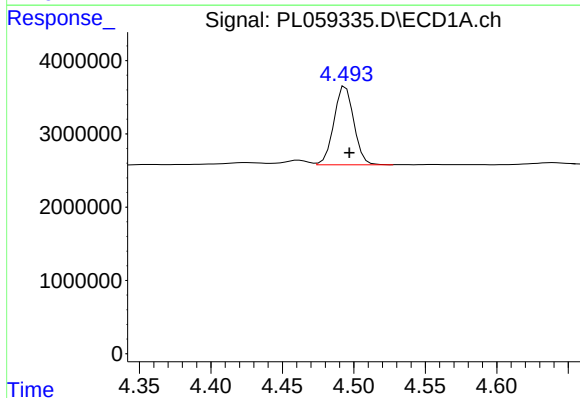
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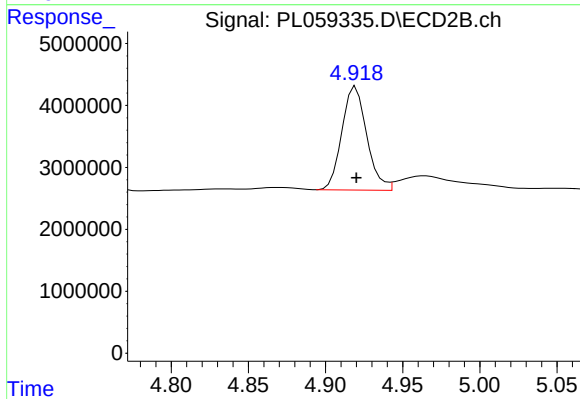
#3 gamma-BHC (Lindane)

R.T.: 4.751 min  
Delta R.T.: -0.001 min  
Response: 34503123  
Conc: 9.45 ng/ml



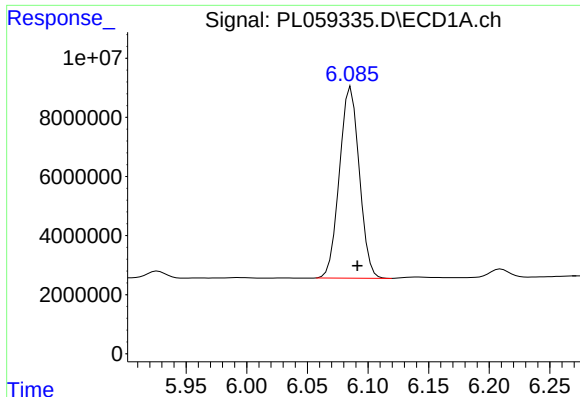
#6 beta-BHC

R.T.: 4.494 min  
Delta R.T.: -0.003 min  
Response: 10342144  
Conc: 10.88 ng/ml



#6 beta-BHC

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 18760876  
Conc: 12.41 ng/ml



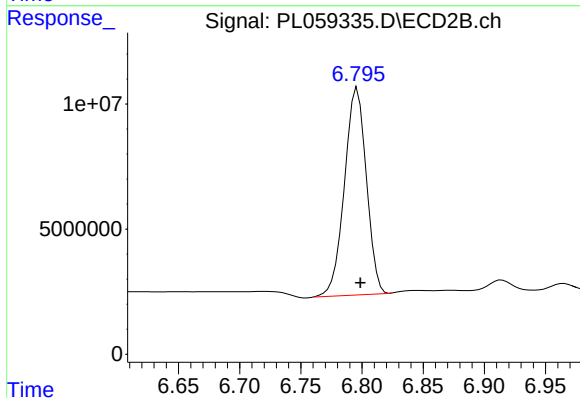
#14 Endrin

R.T.: 6.086 min  
Delta R.T.: -0.005 min  
Response: 73748714  
Conc: 48.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

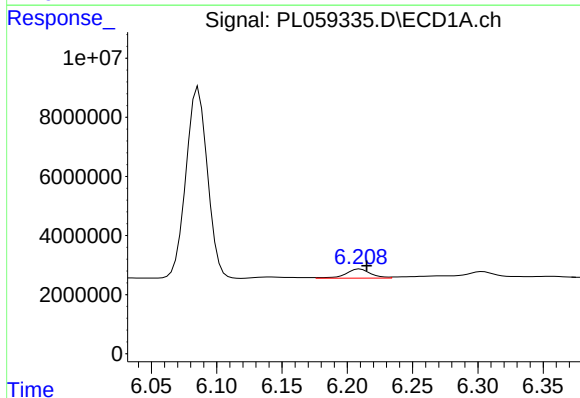
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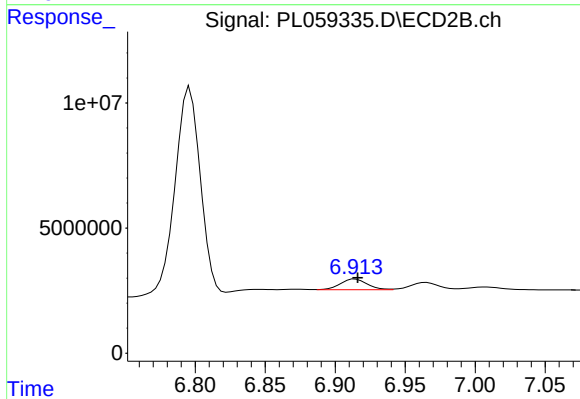
#14 Endrin

R.T.: 6.796 min  
Delta R.T.: -0.002 min  
Response: 103042738  
Conc: 41.38 ng/ml



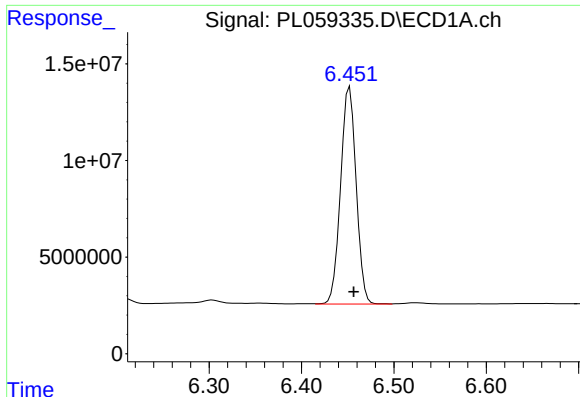
#16 4,4'-DDD

R.T.: 6.210 min  
Delta R.T.: -0.005 min  
Response: 4168980  
Conc: 3.15 ng/ml



#16 4,4'-DDD

R.T.: 6.914 min  
Delta R.T.: -0.002 min  
Response: 5685459  
Conc: 2.45 ng/ml



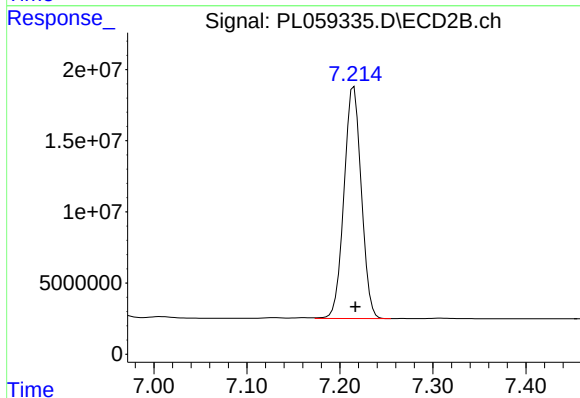
#17 4,4'-DDT

R.T.: 6.452 min  
Delta R.T.: -0.004 min  
Response: 131708801  
Conc: 104.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

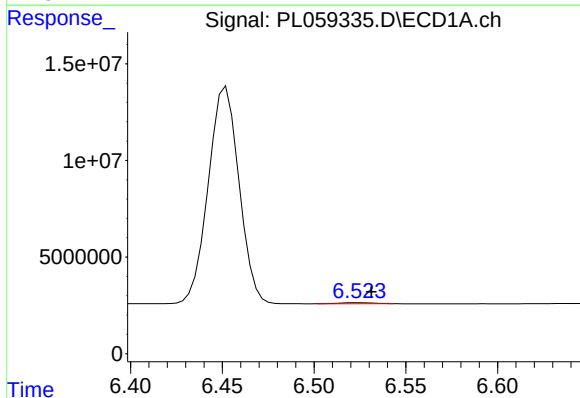
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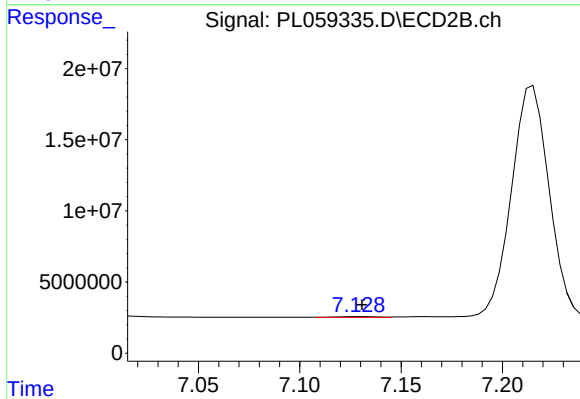
#17 4,4'-DDT

R.T.: 7.215 min  
Delta R.T.: -0.002 min  
Response: 210789918  
Conc: 92.57 ng/ml



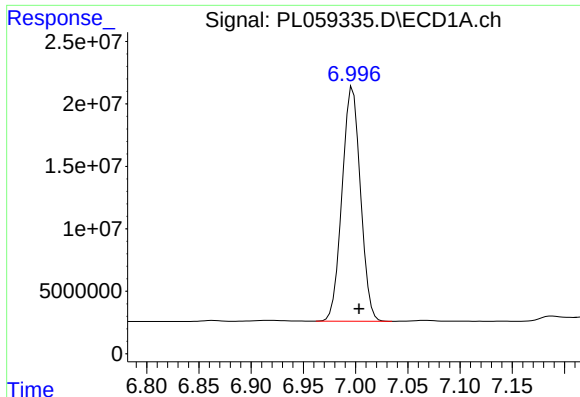
#18 Endrin aldehyde

R.T.: 6.523 min  
Delta R.T.: -0.008 min  
Response: 744431  
Conc: 0.57 ng/ml m



#18 Endrin aldehyde

R.T.: 7.129 min  
Delta R.T.: -0.002 min  
Response: 837813  
Conc: 0.37 ng/ml



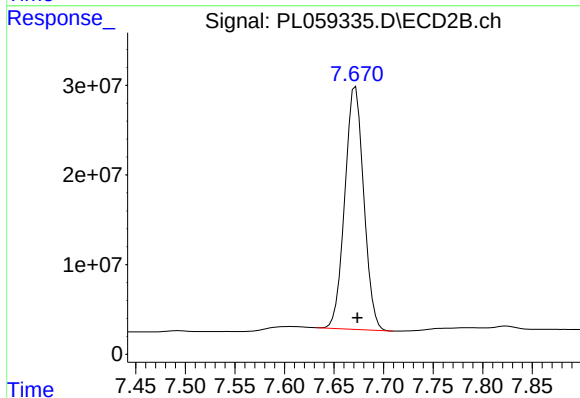
#20 Methoxychlor

R.T.: 6.997 min  
Delta R.T.: -0.006 min  
Response: 229680193  
Conc: 299.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

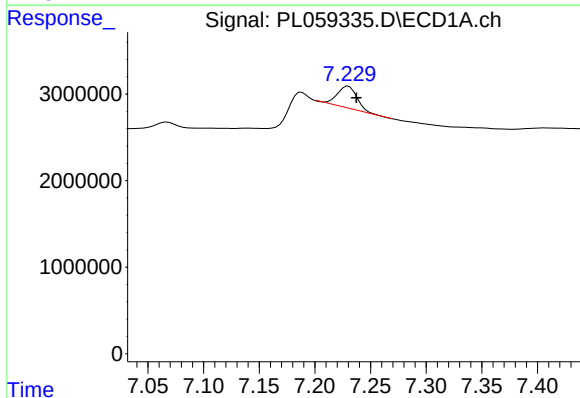
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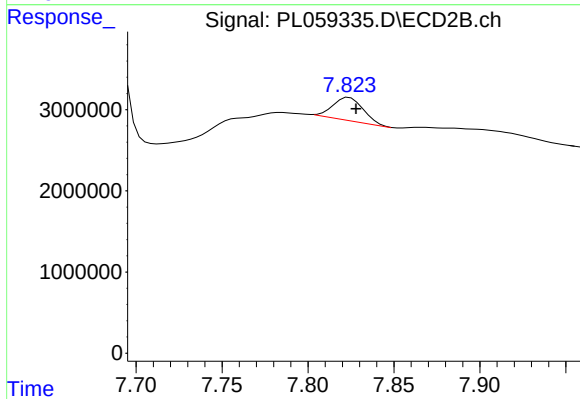
#20 Methoxychlor

R.T.: 7.672 min  
Delta R.T.: -0.002 min  
Response: 359735906  
Conc: 272.81 ng/ml



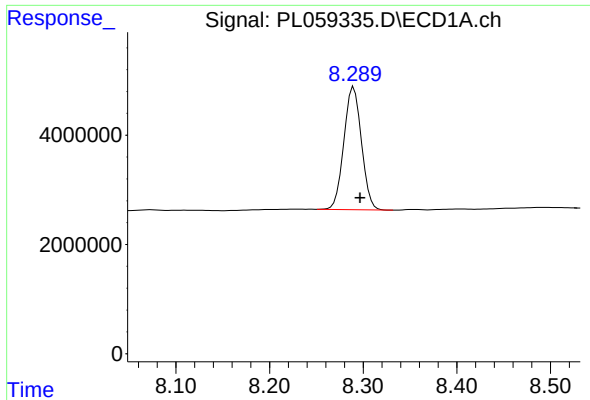
#21 Endrin ketone

R.T.: 7.230 min  
Delta R.T.: -0.007 min  
Response: 2840834  
Conc: 1.64 ng/ml



#21 Endrin ketone

R.T.: 7.823 min  
Delta R.T.: -0.005 min  
Response: 3447340  
Conc: 1.31 ng/ml m



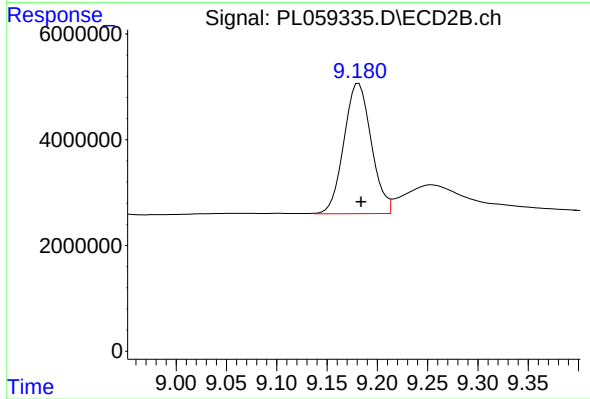
#28 Decachlorobiphenyl

R.T.: 8.290 min  
Delta R.T.: -0.007 min  
Response: 29327586  
Conc: 17.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.180 min  
Delta R.T.: -0.004 min  
Response: 46914740  
Conc: 19.79 ng/ml m