

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032720\  
 Data File : PD057630.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Mar 2020 10:31  
 Operator : AJ\MA  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 27 14:57:15 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032720.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 27 14:08:11 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.227 | 3.896 | 13973868 | 15520797 | 19.572  | 19.783  |
| 28)                         | SA Decachlor... | 7.868 | 8.899 | 15634493 | 18656121 | 20.534  | 21.211  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.649 | 4.280 | 9699038  | 10668575 | 8.839   | 8.953   |
| 3)                          | MA gamma-BHC... | 3.921 | 4.560 | 10322253 | 10381927 | 9.587   | 8.992   |
| 6)                          | B beta-BHC      | 4.169 | 4.730 | 4308390  | 5110844  | 10.154  | 10.135  |
| 12)                         | B 4,4'-DDE      | 5.312 | 6.208 | 132089   | 151779   | 0.150m  | 0.148m  |
| 14)                         | MA Endrin       | 5.684 | 6.569 | 33872554 | 44153438 | 46.606m | 48.291  |
| 16)                         | A 4,4'-DDD      | 5.825 | 6.697 | 190624   | 139101   | 0.334m  | 0.158m# |
| 17)                         | MA 4,4'-DDT     | 6.057 | 6.993 | 57130867 | 85267587 | 98.052  | 97.459  |
| 18)                         | B Endrin al...  | 6.131 | 6.898 | 83062    | 131564   | 0.134m  | 0.159m  |
| 20)                         | A Methoxychlor  | 6.604 | 7.452 | 56663856 | 108.3E6  | 225.457 | 220.943 |
| 21)                         | B Endrin ke...  | 6.815 | 7.591 | 445564   | 497778   | 0.545m  | 0.489   |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 27 Mar 2020 10:31  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

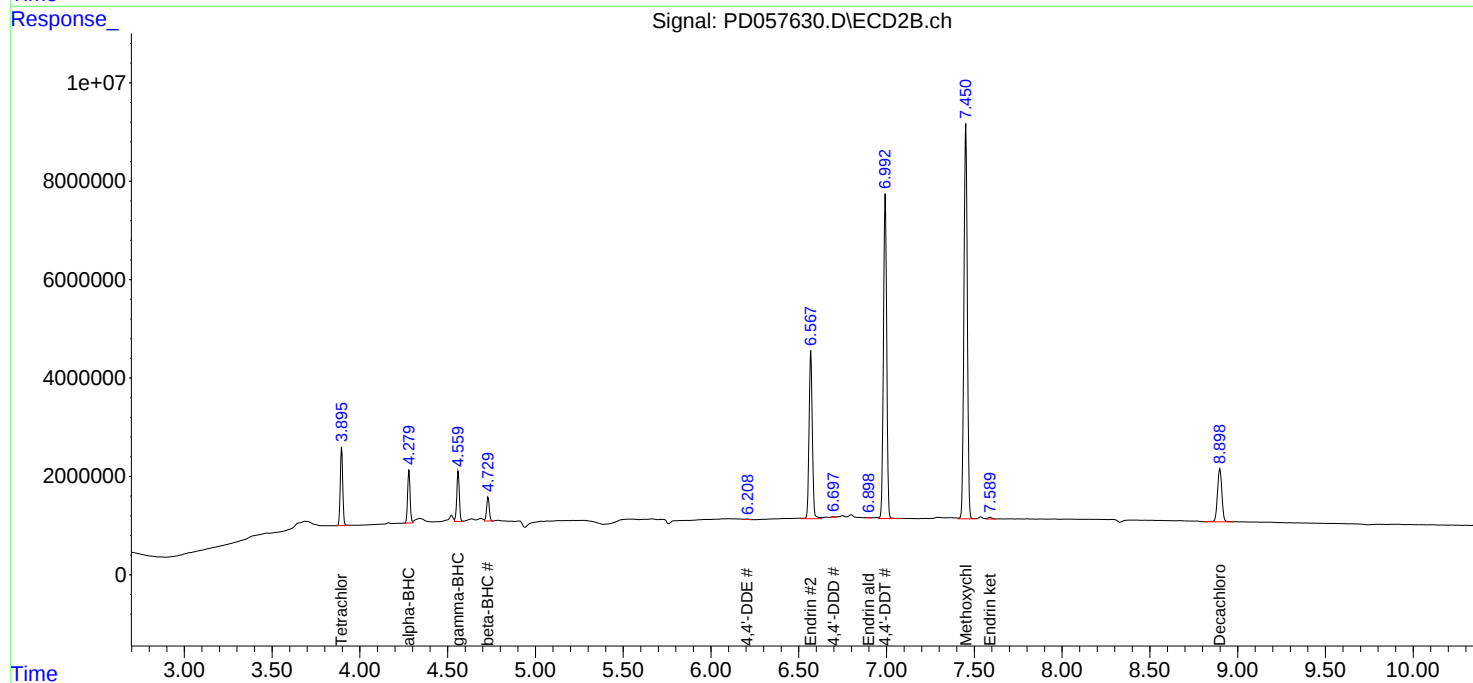
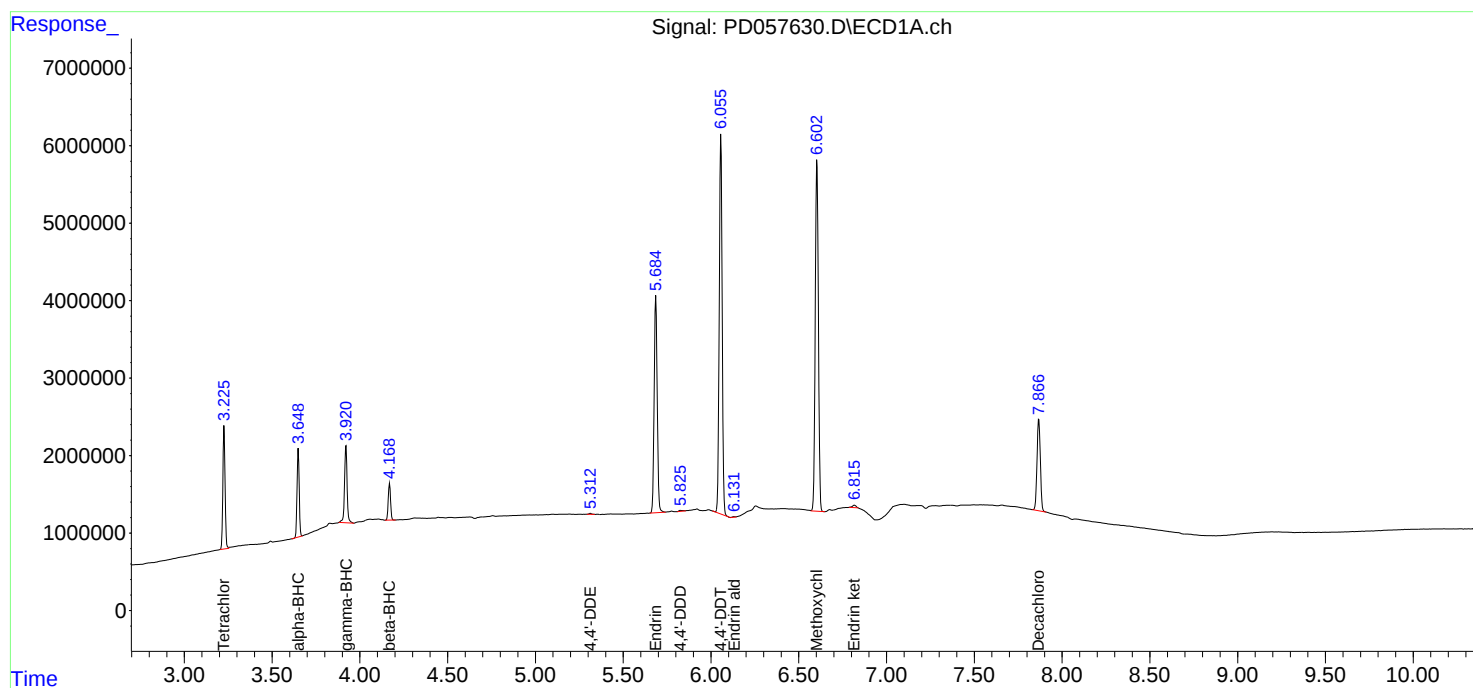
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

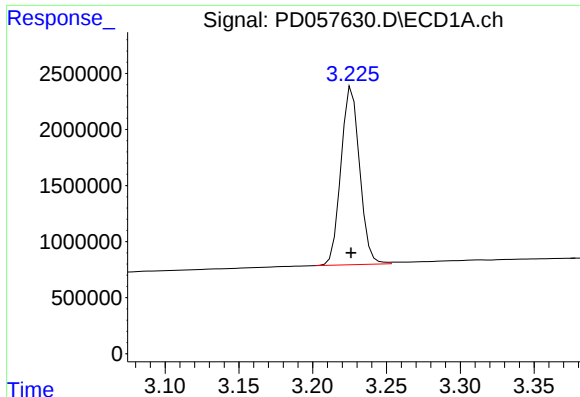
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Integration File signal 1: autoint1.e  
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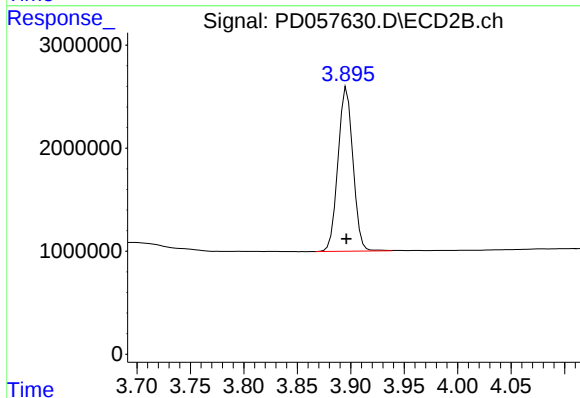
#1 Tetrachloro-m-xylene

R.T.: 3.227 min  
Delta R.T.: 0.000 min  
Response: 13973868  
Conc: 19.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

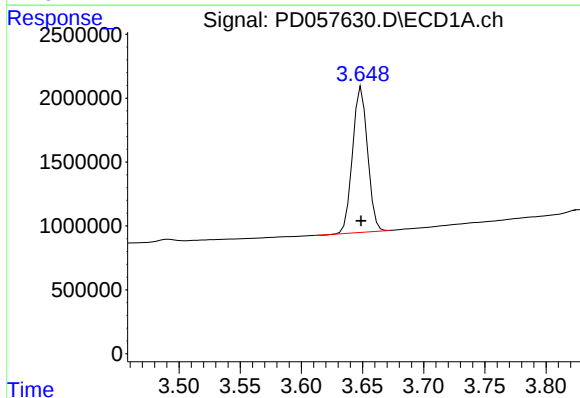
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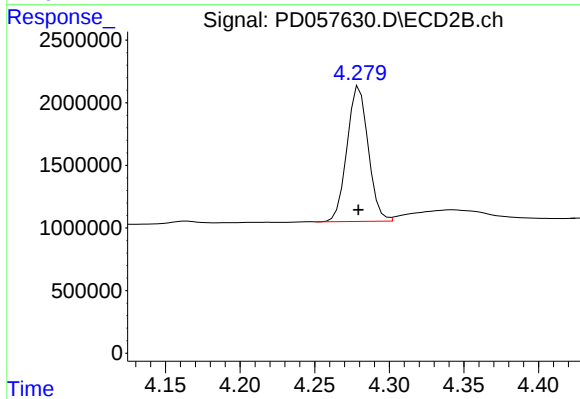
#1 Tetrachloro-m-xylene

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 15520797  
Conc: 19.78 ng/ml



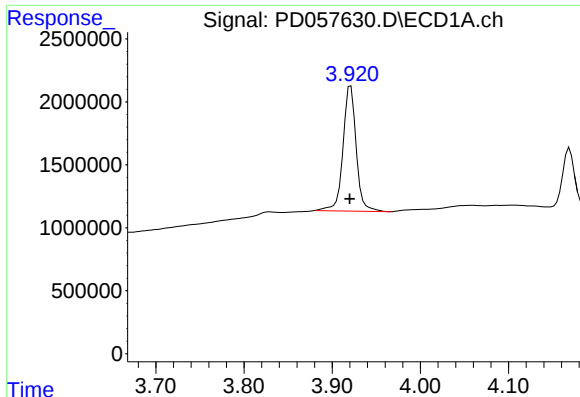
#2 alpha-BHC

R.T.: 3.649 min  
Delta R.T.: 0.000 min  
Response: 9699038  
Conc: 8.84 ng/ml



#2 alpha-BHC

R.T.: 4.280 min  
Delta R.T.: 0.000 min  
Response: 10668575  
Conc: 8.95 ng/ml



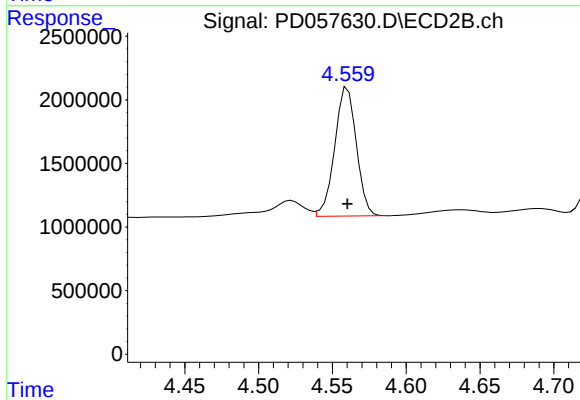
#3 gamma-BHC (Lindane)

R.T.: 3.921 min  
Delta R.T.: 0.000 min  
Response: 10322253  
Conc: 9.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

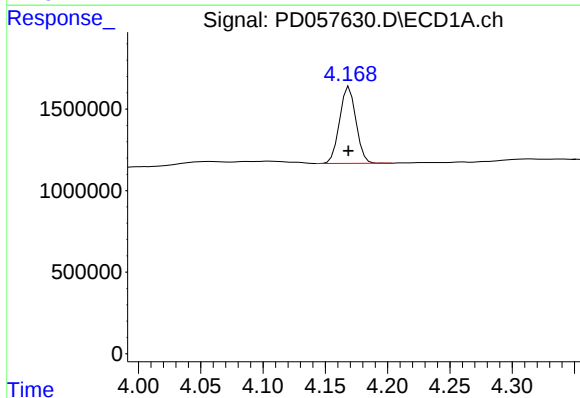
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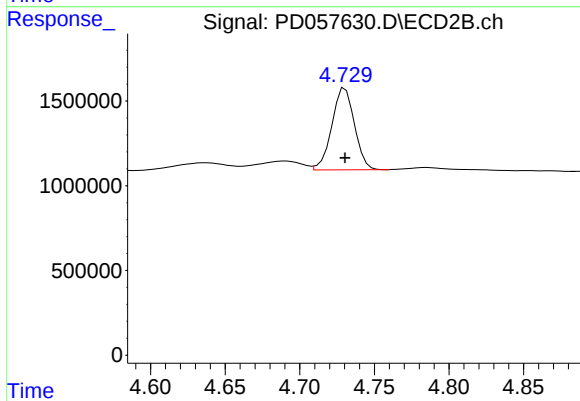
#3 gamma-BHC (Lindane)

R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 10381927  
Conc: 8.99 ng/ml



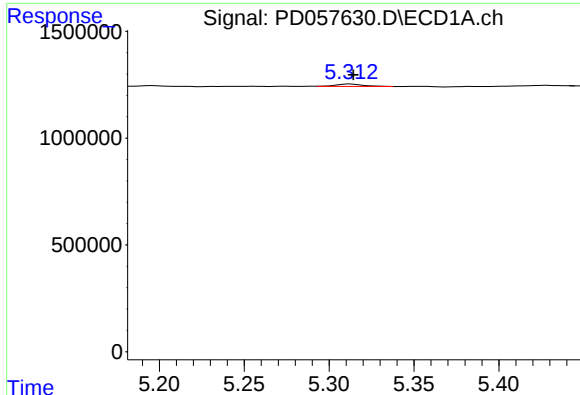
#6 beta-BHC

R.T.: 4.169 min  
Delta R.T.: 0.000 min  
Response: 4308390  
Conc: 10.15 ng/ml



#6 beta-BHC

R.T.: 4.730 min  
Delta R.T.: 0.000 min  
Response: 5110844  
Conc: 10.13 ng/ml



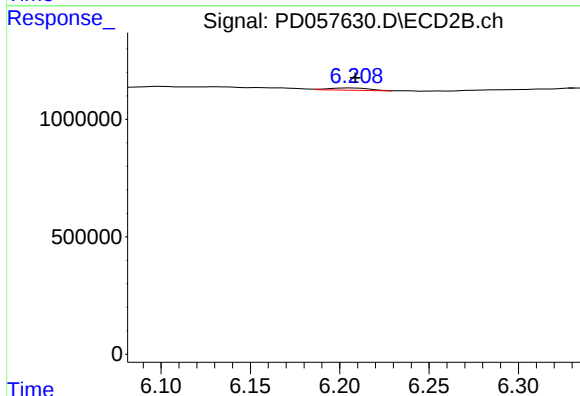
#12 4,4'-DDE

R.T.: 5.312 min  
Delta R.T.: -0.003 min  
Response: 132089  
Conc: 0.15 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

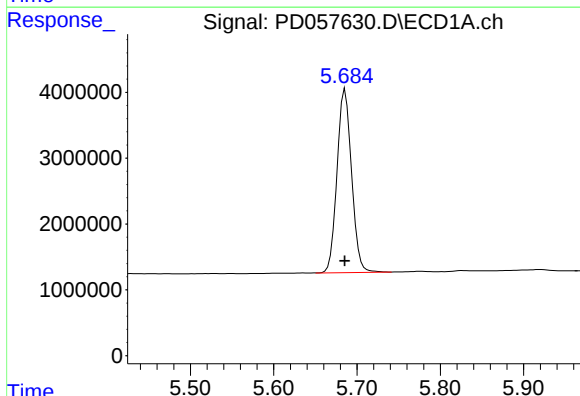
Manual Integrations  
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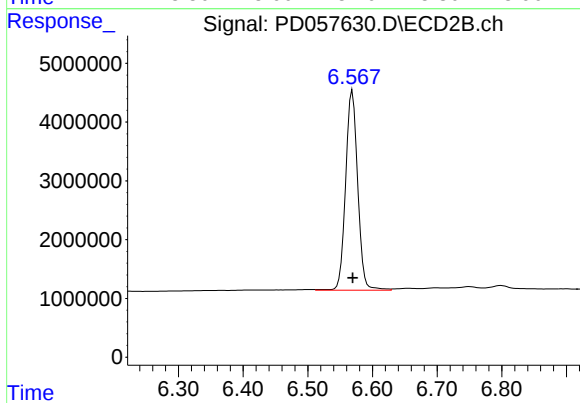
#12 4,4'-DDE

R.T.: 6.208 min  
Delta R.T.: 0.000 min  
Response: 151779  
Conc: 0.15 ng/ml m



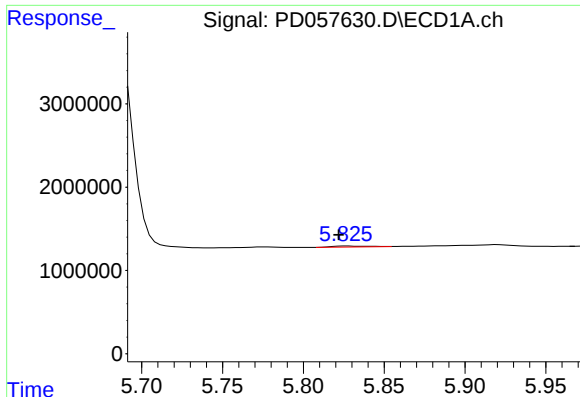
#14 Endrin

R.T.: 5.684 min  
Delta R.T.: 0.000 min  
Response: 33872554  
Conc: 46.61 ng/ml m



#14 Endrin

R.T.: 6.569 min  
Delta R.T.: 0.000 min  
Response: 44153438  
Conc: 48.29 ng/ml



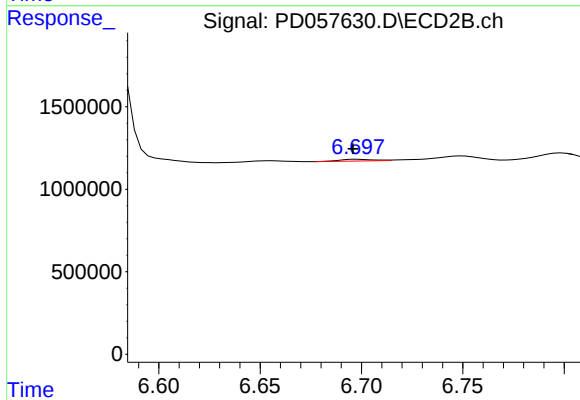
#16 4,4'-DDD

R.T.: 5.825 min  
Delta R.T.: 0.003 min  
Response: 190624  
Conc: 0.33 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

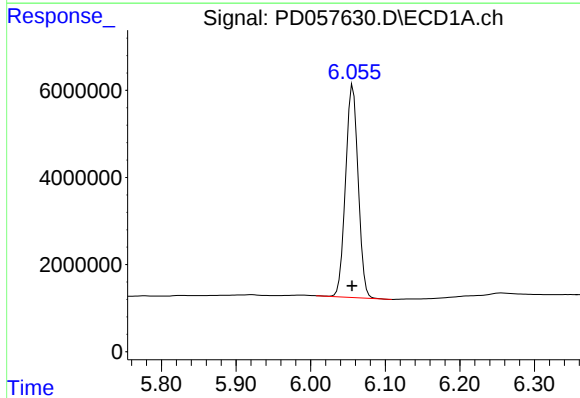
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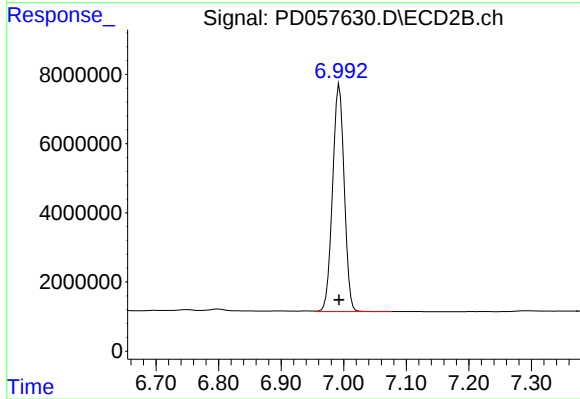
#16 4,4'-DDD

R.T.: 6.697 min  
Delta R.T.: 0.001 min  
Response: 139101  
Conc: 0.16 ng/ml m



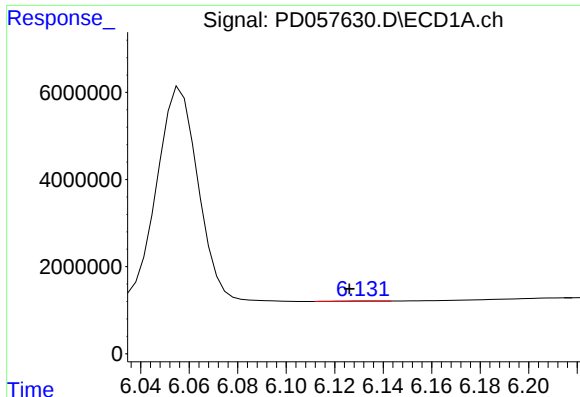
#17 4,4'-DDT

R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 57130867  
Conc: 98.05 ng/ml



#17 4,4'-DDT

R.T.: 6.993 min  
Delta R.T.: 0.000 min  
Response: 85267587  
Conc: 97.46 ng/ml



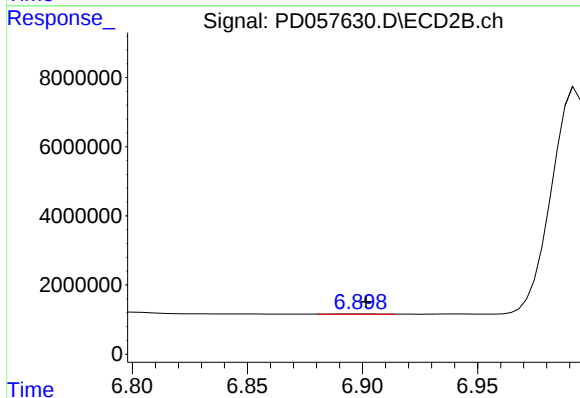
#18 Endrin aldehyde

R.T.: 6.131 min  
Delta R.T.: 0.005 min  
Response: 83062  
Conc: 0.13 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

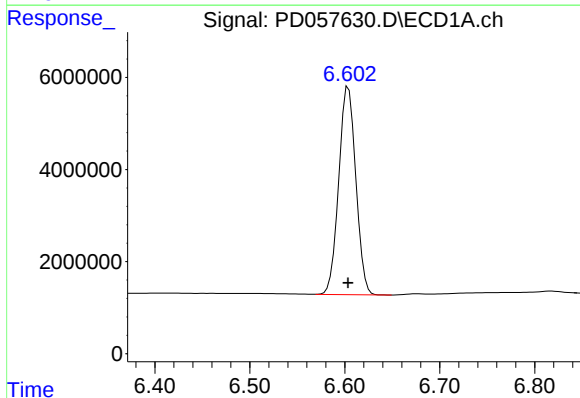
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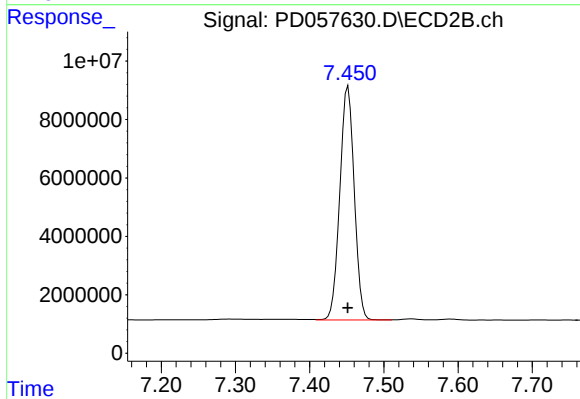
#18 Endrin aldehyde

R.T.: 6.898 min  
Delta R.T.: -0.004 min  
Response: 131564  
Conc: 0.16 ng/ml m



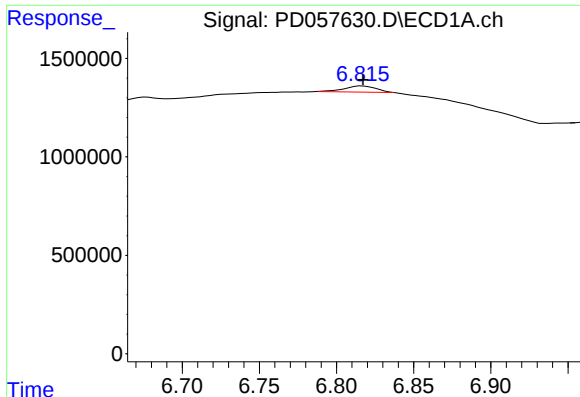
#20 Methoxychlor

R.T.: 6.604 min  
Delta R.T.: 0.000 min  
Response: 56663856  
Conc: 225.46 ng/ml



#20 Methoxychlor

R.T.: 7.452 min  
Delta R.T.: 0.000 min  
Response: 108304945  
Conc: 220.94 ng/ml



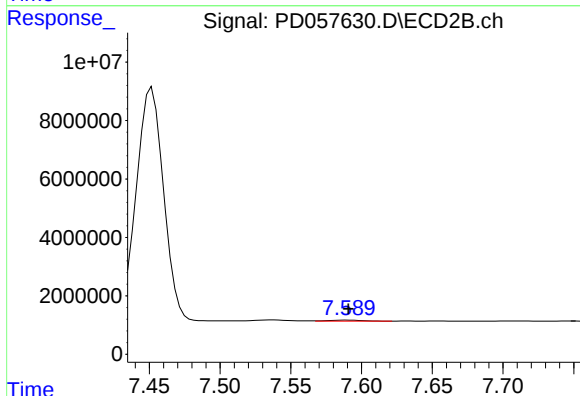
#21 Endrin ketone

R.T.: 6.815 min  
Delta R.T.: -0.002 min  
Response: 445564  
Conc: 0.55 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

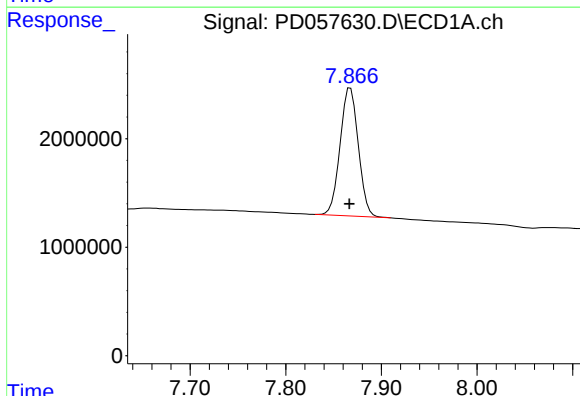
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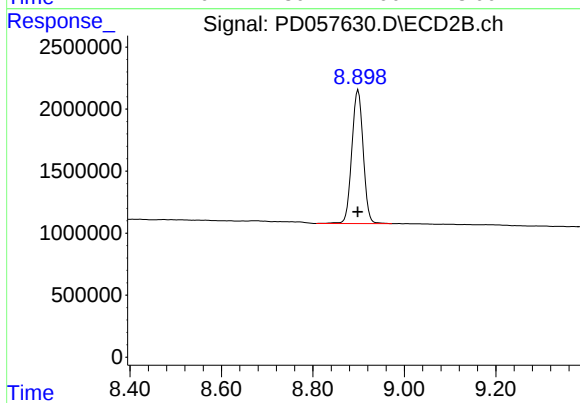
#21 Endrin ketone

R.T.: 7.591 min  
Delta R.T.: 0.000 min  
Response: 497778  
Conc: 0.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: 0.000 min  
Response: 15634493  
Conc: 20.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.899 min  
Delta R.T.: 0.000 min  
Response: 18656121  
Conc: 21.21 ng/ml