

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031720\  
 Data File : PL057434.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Mar 2020 09:00  
 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: Mar 17 15:28:05 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 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... | 3.458 | 3.957 | 191.6E6  | 43474122 | 20.673  | 20.038  |
| 28)                         | SA Decachlor... | 8.205 | 8.977 | 204.6E6  | 43817460 | 19.336  | 19.761  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.895 | 4.343 | 146.8E6  | 28319059 | 9.216   | 8.816   |
| 3)                          | MA gamma-BHC... | 4.178 | 4.626 | 127.6E6  | 28014635 | 8.879   | 8.929   |
| 6)                          | B beta-BHC      | 4.430 | 4.798 | 61657549 | 16162329 | 10.488  | 11.206  |
| 12)                         | B 4,4'-DDE      | 5.616 | 6.275 | 2176810  | 674492   | 0.175m  | 0.237m# |
| 14)                         | MA Endrin       | 6.008 | 6.640 | 523.9E6  | 107.0E6  | 45.828  | 44.367  |
| 16)                         | A 4,4'-DDD      | 6.133 | 6.765 | 39927172 | 10542690 | 4.074   | 4.616m  |
| 17)                         | MA 4,4'-DDT     | 6.374 | 7.063 | 965.1E6  | 200.2E6  | 96.774  | 87.906  |
| 18)                         | B Endrin al...  | 6.448 | 6.973 | 9814311  | 2122727  | 1.063   | 0.955   |
| 20)                         | A Methoxychlor  | 6.919 | 7.522 | 1189.2E6 | 261.8E6  | 221.632 | 201.319 |
| 21)                         | B Endrin ke...  | 7.151 | 7.662 | 35074215 | 7365391  | 3.103   | 2.845m  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031720\  
Data File : PL057434.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Mar 2020 09:00  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

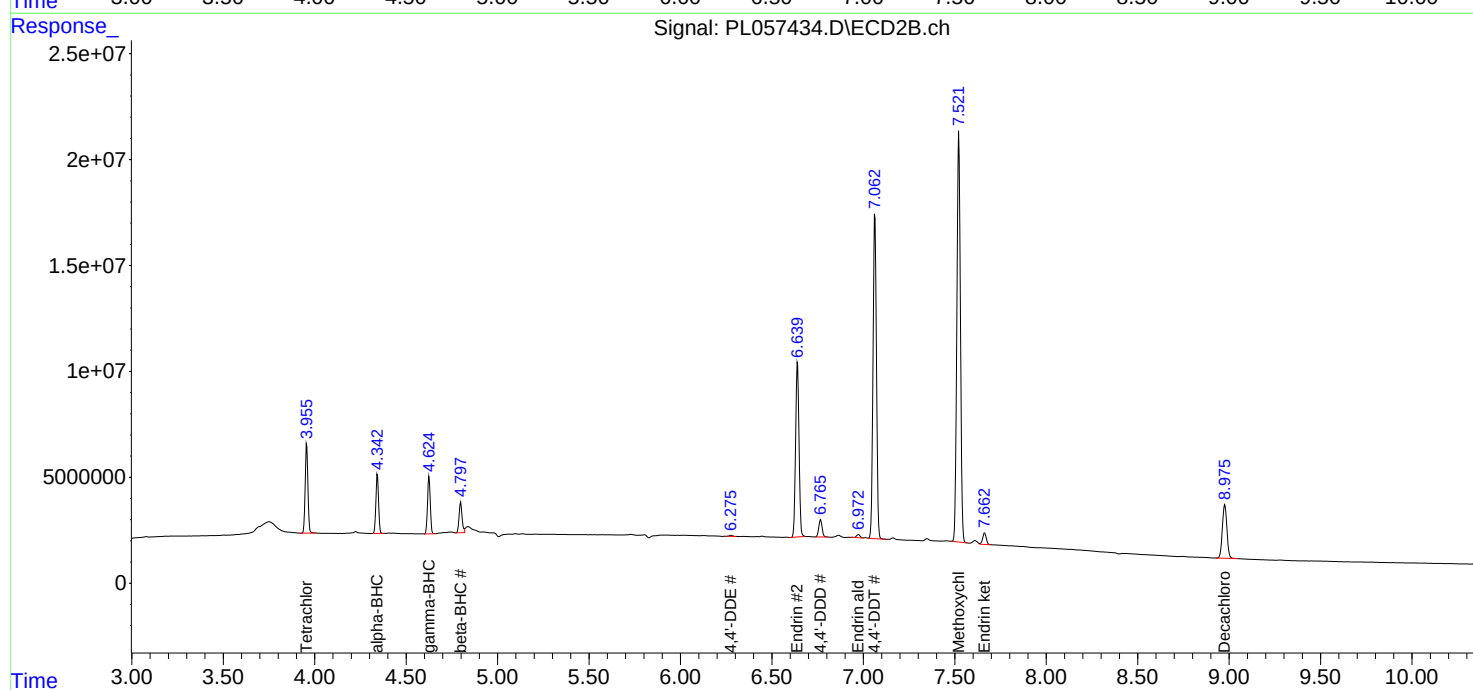
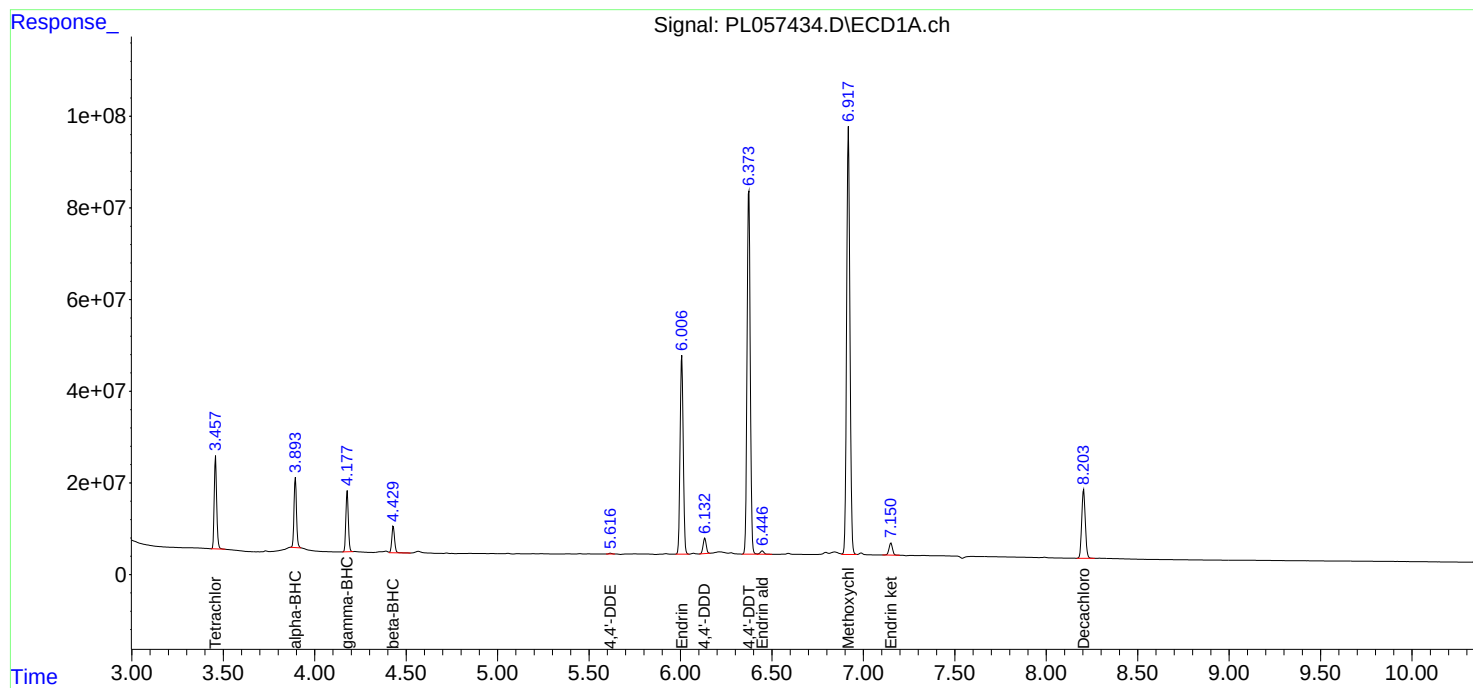
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

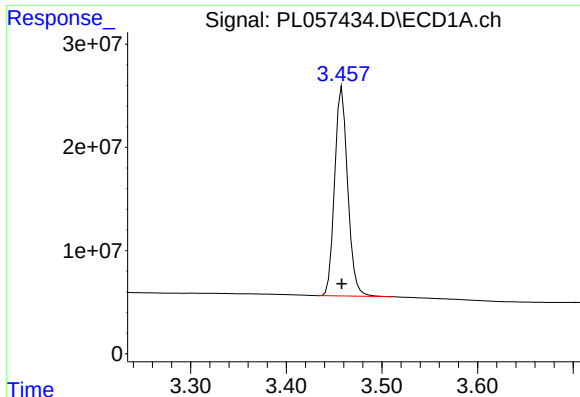
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 17 15:28:05 2020  
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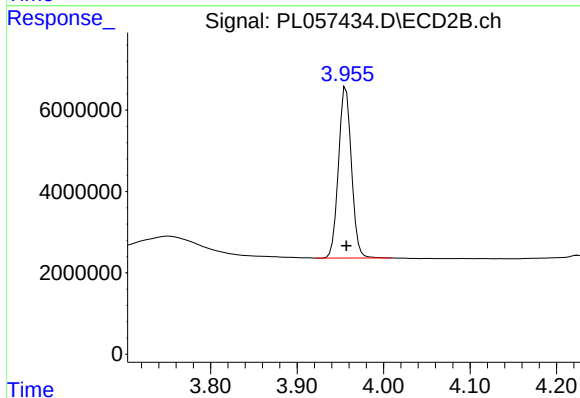
#1 Tetrachloro-m-xylene

R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 191626465  
Conc: 20.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

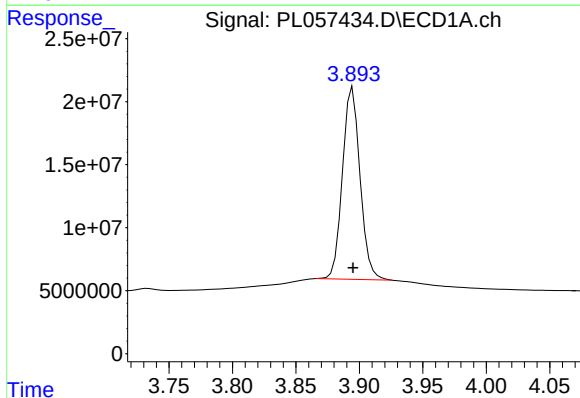
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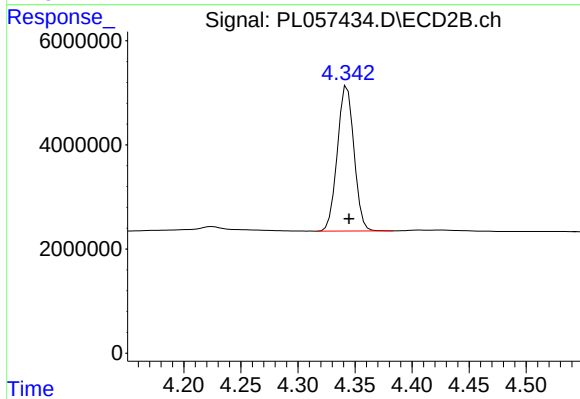
#1 Tetrachloro-m-xylene

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 43474122  
Conc: 20.04 ng/ml



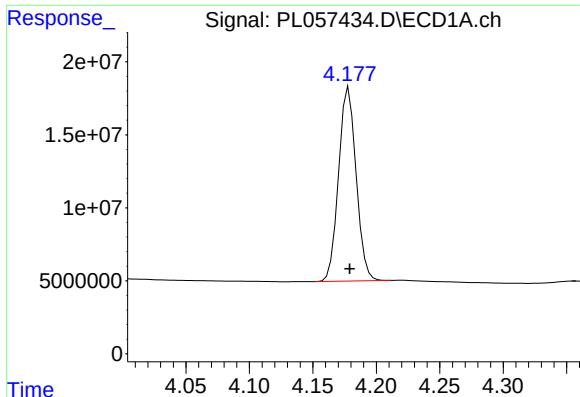
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 146803719  
Conc: 9.22 ng/ml



#2 alpha-BHC

R.T.: 4.343 min  
Delta R.T.: -0.002 min  
Response: 28319059  
Conc: 8.82 ng/ml



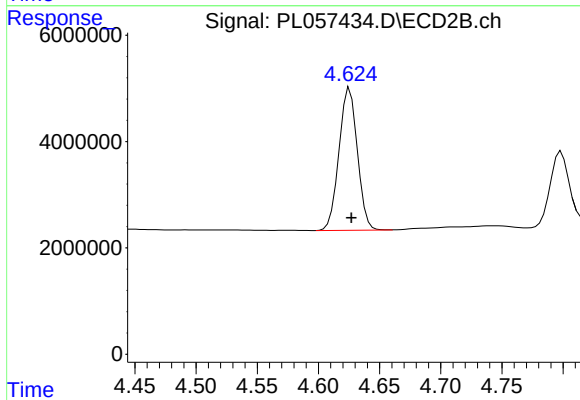
#3 gamma-BHC (Lindane)

R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 127620849  
Conc: 8.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

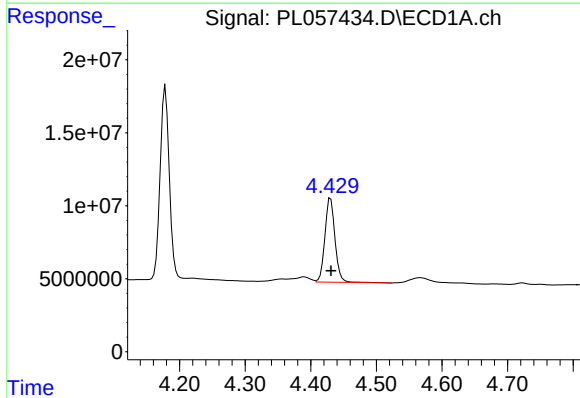
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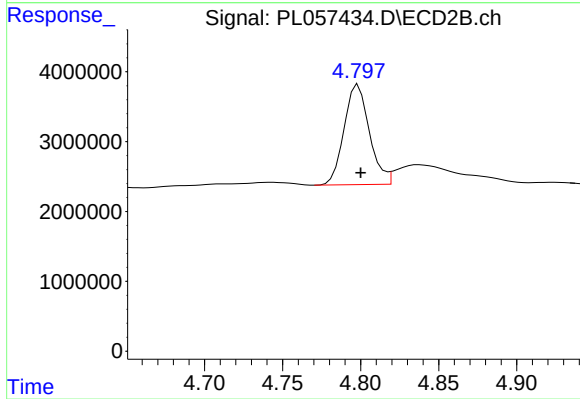
#3 gamma-BHC (Lindane)

R.T.: 4.626 min  
Delta R.T.: -0.001 min  
Response: 28014635  
Conc: 8.93 ng/ml



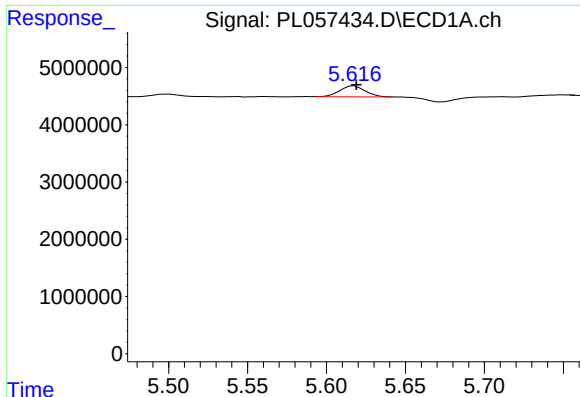
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: 0.000 min  
Response: 61657549  
Conc: 10.49 ng/ml



#6 beta-BHC

R.T.: 4.798 min  
Delta R.T.: -0.002 min  
Response: 16162329  
Conc: 11.21 ng/ml



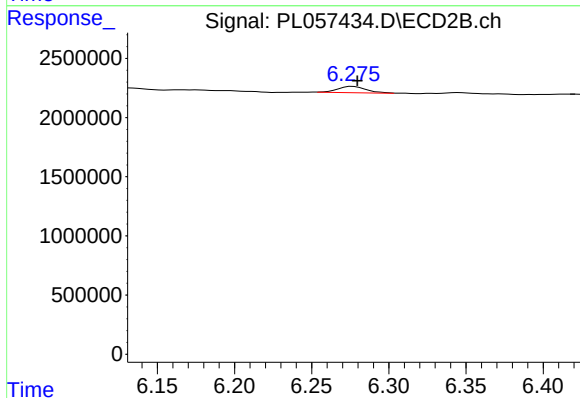
#12 4,4'-DDE

R.T.: 5.616 min  
Delta R.T.: -0.003 min  
Response: 2176810  
Conc: 0.17 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

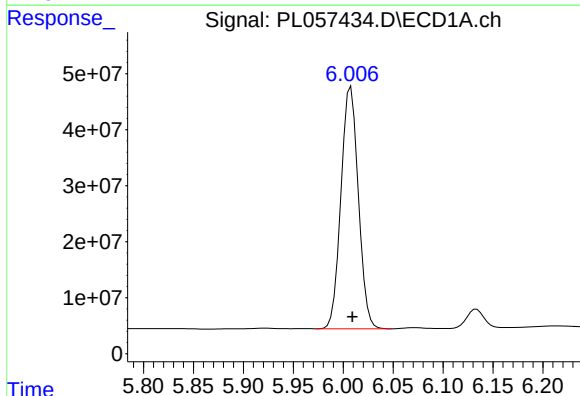
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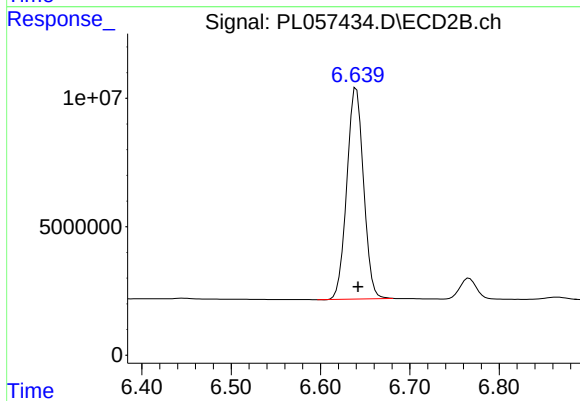
#12 4,4'-DDE

R.T.: 6.275 min  
Delta R.T.: -0.004 min  
Response: 674492  
Conc: 0.24 ng/ml m



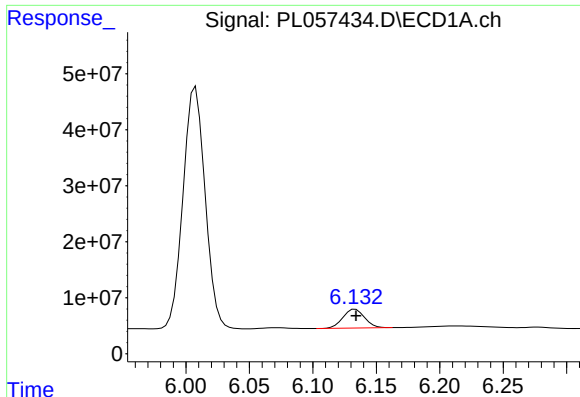
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: -0.001 min  
Response: 523872541  
Conc: 45.83 ng/ml



#14 Endrin

R.T.: 6.640 min  
Delta R.T.: -0.002 min  
Response: 107048431  
Conc: 44.37 ng/ml



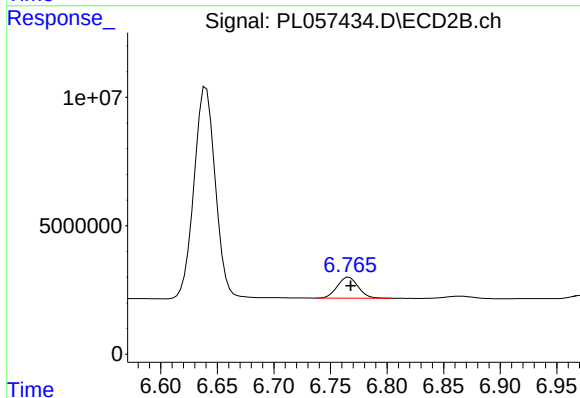
#16 4,4'-DDD

R.T.: 6.133 min  
Delta R.T.: 0.000 min  
Response: 39927172  
Conc: 4.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

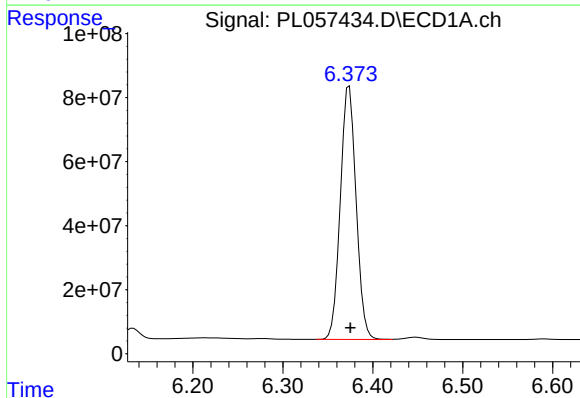
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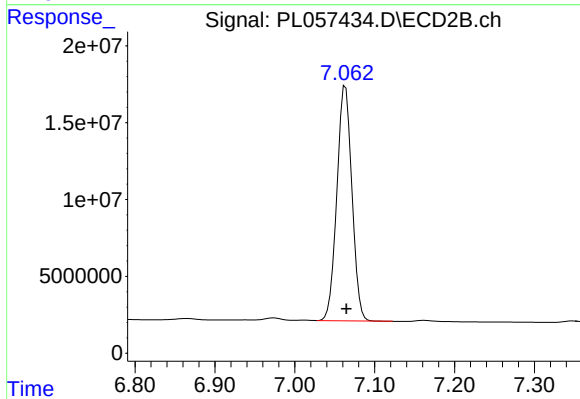
#16 4,4'-DDD

R.T.: 6.765 min  
Delta R.T.: -0.003 min  
Response: 10542690  
Conc: 4.62 ng/ml m



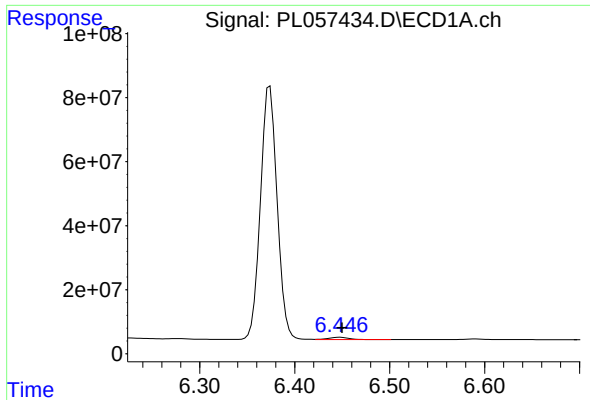
#17 4,4'-DDT

R.T.: 6.374 min  
Delta R.T.: -0.001 min  
Response: 965106165  
Conc: 96.77 ng/ml



#17 4,4'-DDT

R.T.: 7.063 min  
Delta R.T.: -0.001 min  
Response: 200219664  
Conc: 87.91 ng/ml



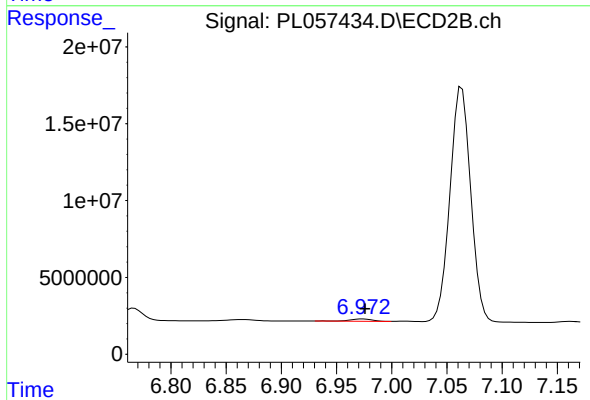
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.002 min  
Response: 9814311  
Conc: 1.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

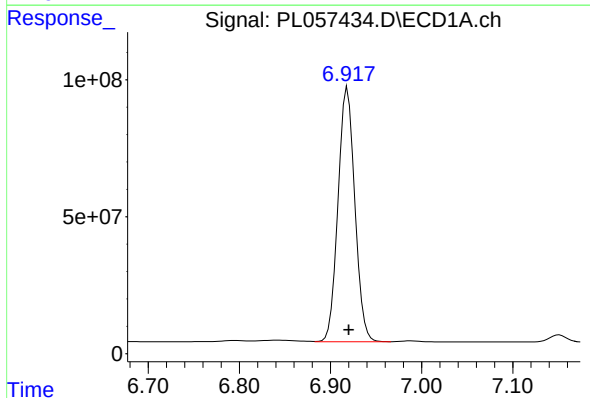
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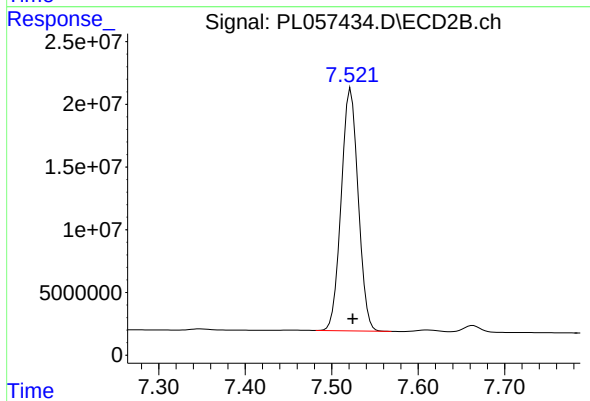
#18 Endrin aldehyde

R.T.: 6.973 min  
Delta R.T.: -0.002 min  
Response: 2122727  
Conc: 0.95 ng/ml



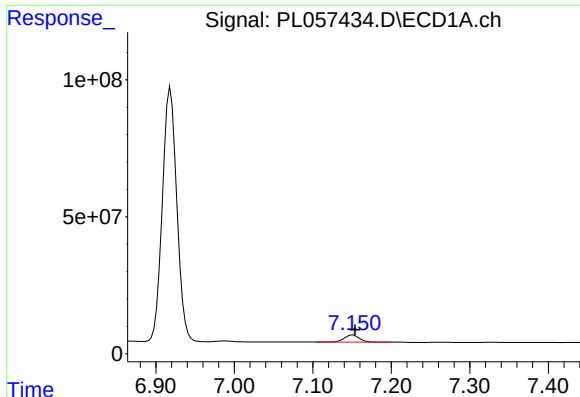
#20 Methoxychlor

R.T.: 6.919 min  
Delta R.T.: -0.001 min  
Response: 1189238739  
Conc: 221.63 ng/ml



#20 Methoxychlor

R.T.: 7.522 min  
Delta R.T.: -0.002 min  
Response: 261833000  
Conc: 201.32 ng/ml



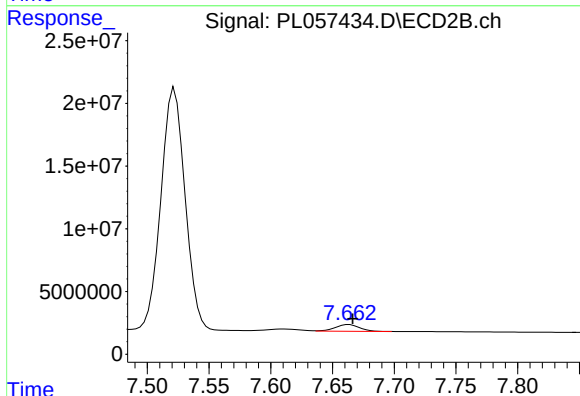
#21 Endrin ketone

R.T.: 7.151 min  
Delta R.T.: -0.003 min  
Response: 35074215  
Conc: 3.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

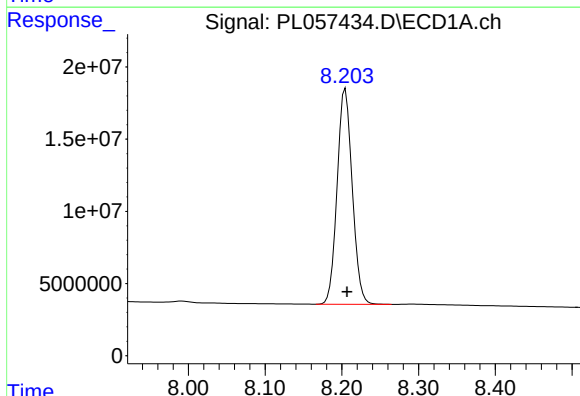
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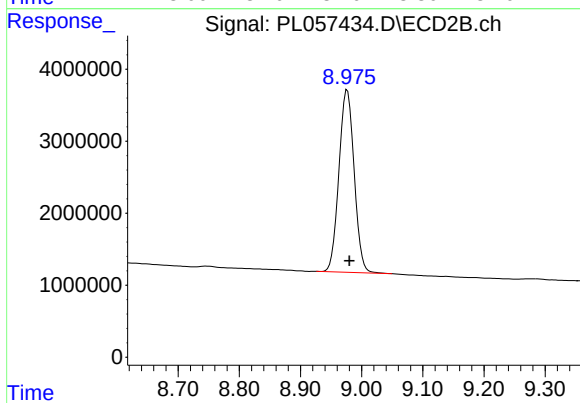
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: -0.004 min  
Response: 7365391  
Conc: 2.85 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.205 min  
Delta R.T.: -0.002 min  
Response: 204595869  
Conc: 19.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.977 min  
Delta R.T.: -0.004 min  
Response: 43817460  
Conc: 19.76 ng/ml