

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121719\  
 Data File : PL055018.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Dec 2019 09:22  
 Operator : SG\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
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 12/18/2019 11:15:53 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 17 11:06:32 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 01:19:55 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... | 3.536 | 4.049 | 237.2E6  | 58783400 | 20.388  | 23.036  |
| 28)                         | SA Decachlor... | 8.317 | 9.150 | 188.3E6  | 48736586 | 19.662  | 20.329  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.979 | 4.441 | 195.3E6  | 40115703 | 10.290  | 11.323  |
| 3)                          | MA gamma-BHC... | 4.266 | 4.726 | 165.1E6  | 36842278 | 9.688   | 11.299  |
| 6)                          | B beta-BHC      | 4.516 | 4.897 | 76913826 | 15816873 | 10.370  | 11.232  |
| 12)                         | B 4,4'-DDE      | 5.719 | 6.391 | 2169441  | 587302   | 0.163   | 0.237m# |
| 14)                         | MA Endrin       | 6.112 | 6.763 | 633.4E6  | 109.3E6  | 49.743  | 49.343  |
| 16)                         | A 4,4'-DDD      | 6.235 | 6.884 | 13650123 | 3751742  | 1.398   | 1.954 # |
| 17)                         | MA 4,4'-DDT     | 6.477 | 7.184 | 1079.6E6 | 214.5E6  | 103.052 | 108.274 |
| 18)                         | B Endrin al...  | 6.552 | 7.095 | 3151650  | 706395   | 0.318m  | 0.360m  |
| 20)                         | A Methoxychlor  | 7.022 | 7.644 | 1229.4E6 | 257.1E6  | 245.311 | 225.385 |
| 21)                         | B Endrin ke...  | 7.260 | 7.794 | 13311691 | 3061801  | 1.225   | 1.360   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121719\  
Data File : PL055018.D  
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Acq On : 17 Dec 2019 09:22  
Operator : SG\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

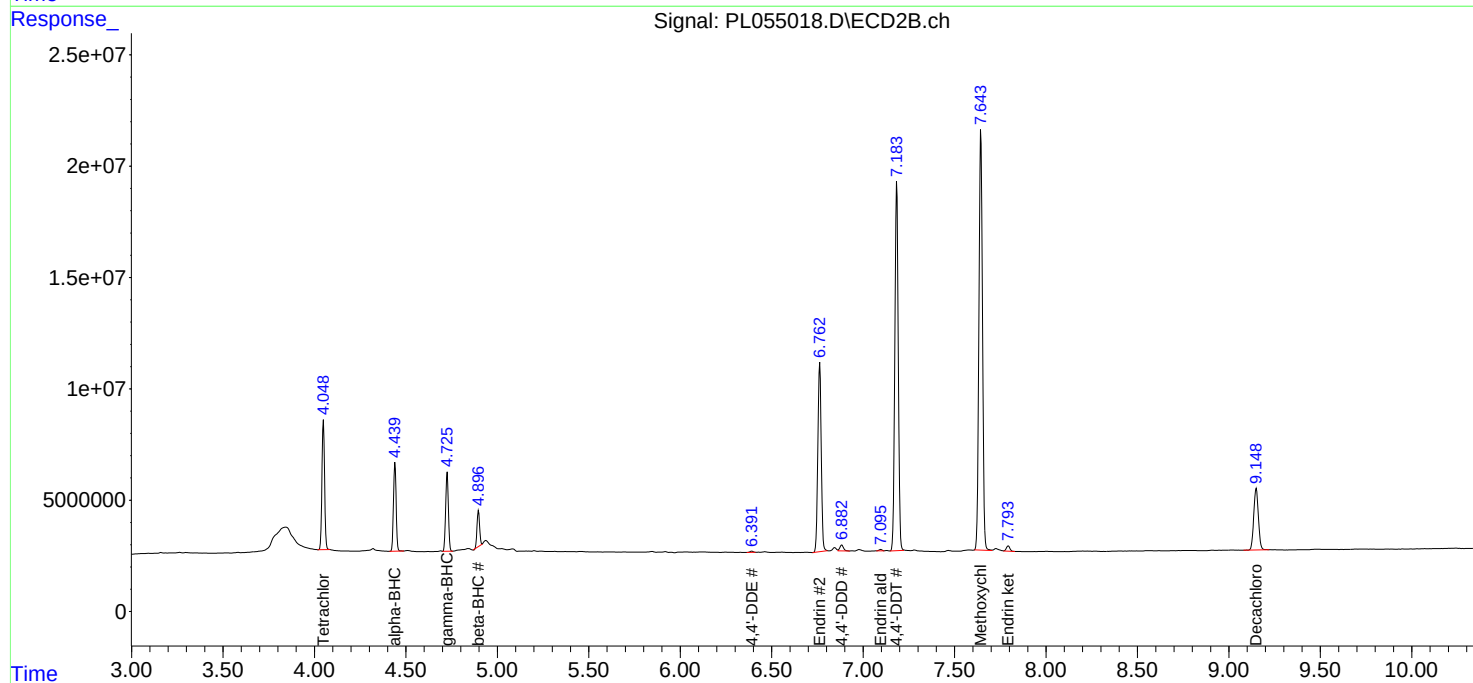
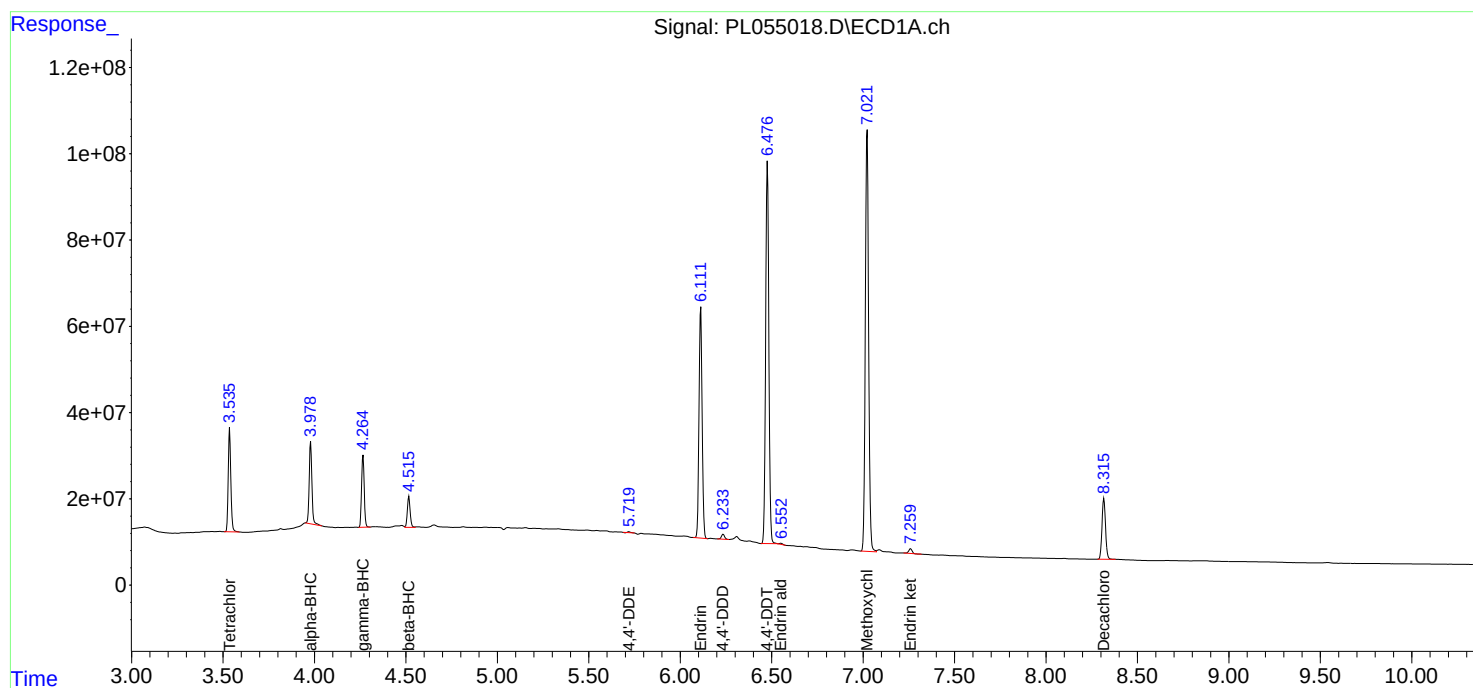
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

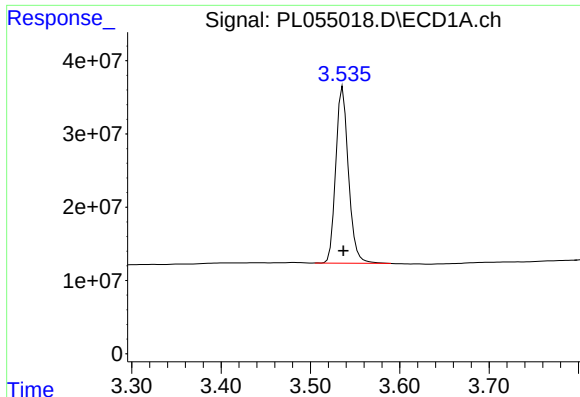
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 17 11:06:32 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
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Volume Inj. : 1 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





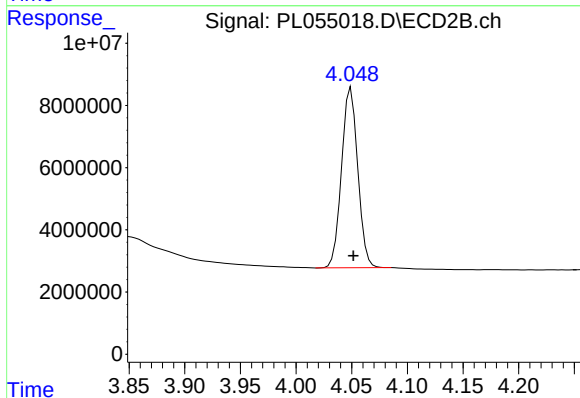
#1 Tetrachloro-m-xylene

R.T.: 3.536 min  
Delta R.T.: 0.000 min  
Response: 237192177  
Conc: 20.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

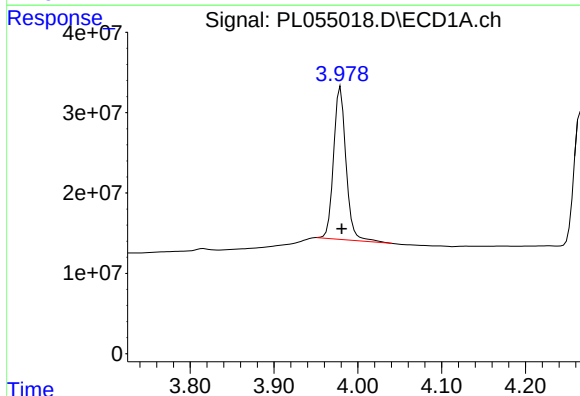
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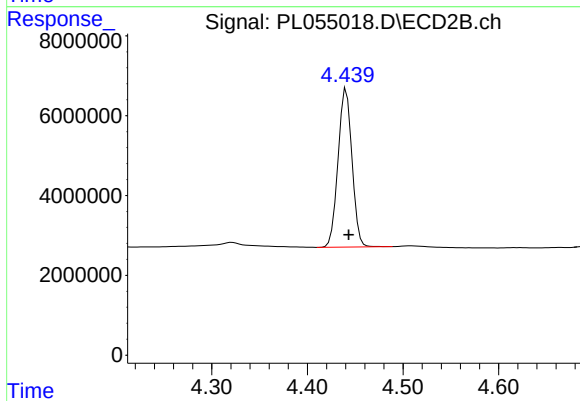
#1 Tetrachloro-m-xylene

R.T.: 4.049 min  
Delta R.T.: -0.002 min  
Response: 58783400  
Conc: 23.04 ng/ml



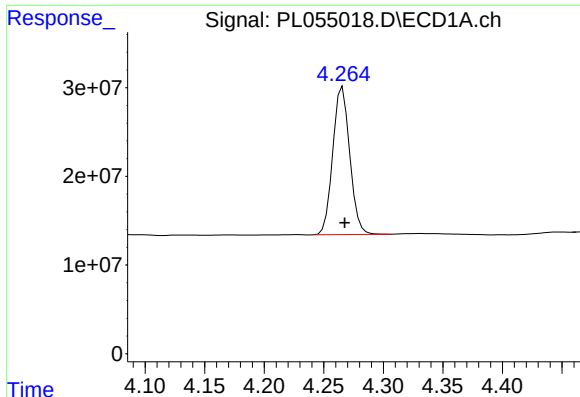
#2 alpha-BHC

R.T.: 3.979 min  
Delta R.T.: -0.002 min  
Response: 195341540  
Conc: 10.29 ng/ml



#2 alpha-BHC

R.T.: 4.441 min  
Delta R.T.: -0.003 min  
Response: 40115703  
Conc: 11.32 ng/ml



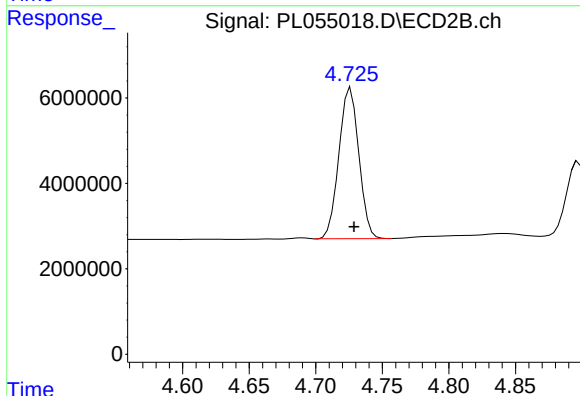
#3 gamma-BHC (Lindane)

R.T.: 4.266 min  
Delta R.T.: -0.002 min  
Response: 165138167  
Conc: 9.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

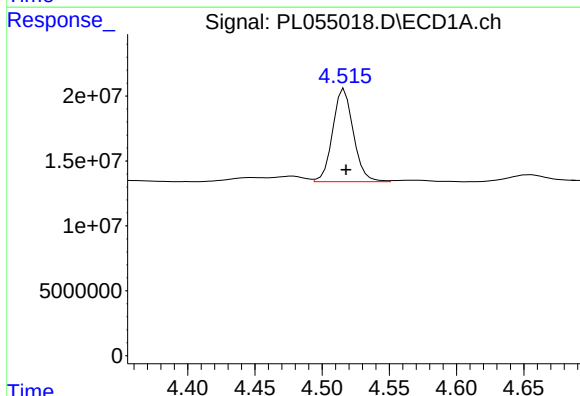
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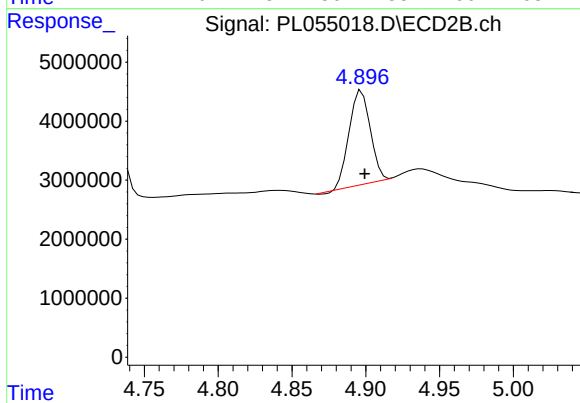
#3 gamma-BHC (Lindane)

R.T.: 4.726 min  
Delta R.T.: -0.002 min  
Response: 36842278  
Conc: 11.30 ng/ml



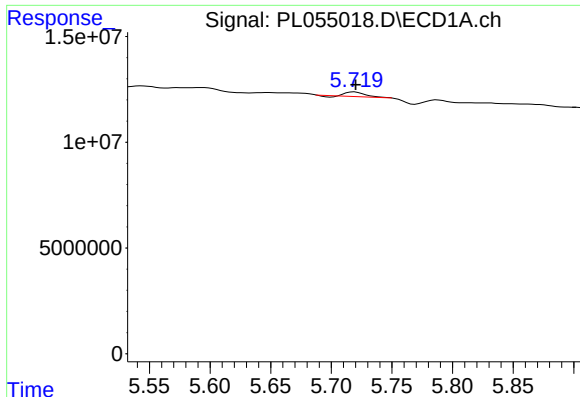
#6 beta-BHC

R.T.: 4.516 min  
Delta R.T.: -0.001 min  
Response: 76913826  
Conc: 10.37 ng/ml



#6 beta-BHC

R.T.: 4.897 min  
Delta R.T.: -0.002 min  
Response: 15816873  
Conc: 11.23 ng/ml



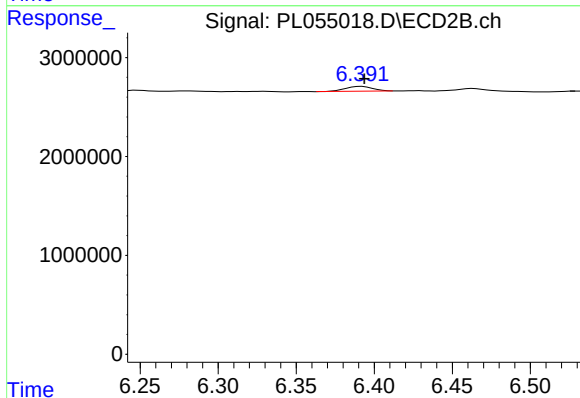
#12 4,4'-DDE

R.T.: 5.719 min  
Delta R.T.: 0.000 min  
Response: 2169441  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

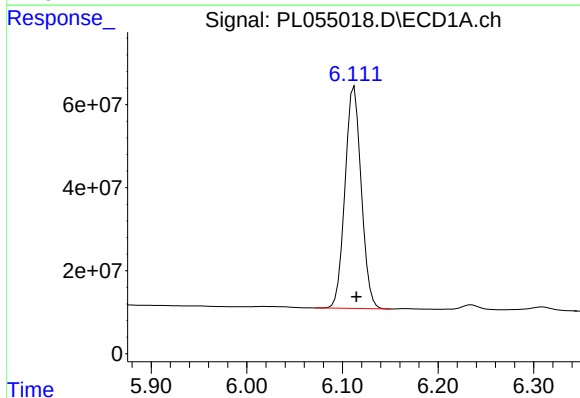
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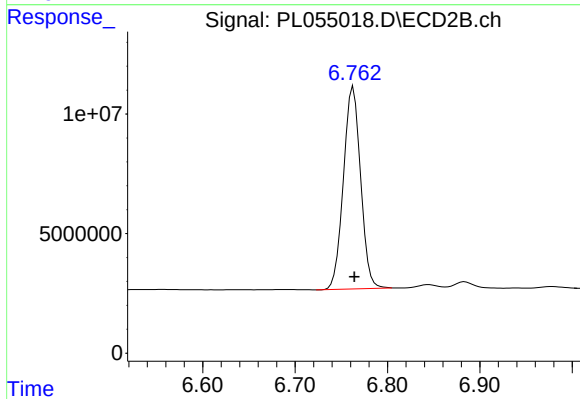
#12 4,4'-DDE

R.T.: 6.391 min  
Delta R.T.: -0.003 min  
Response: 587302  
Conc: 0.24 ng/ml m



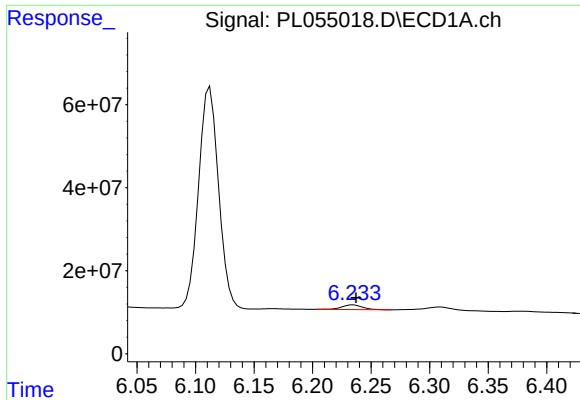
#14 Endrin

R.T.: 6.112 min  
Delta R.T.: -0.002 min  
Response: 633416512  
Conc: 49.74 ng/ml



#14 Endrin

R.T.: 6.763 min  
Delta R.T.: -0.001 min  
Response: 109313184  
Conc: 49.34 ng/ml



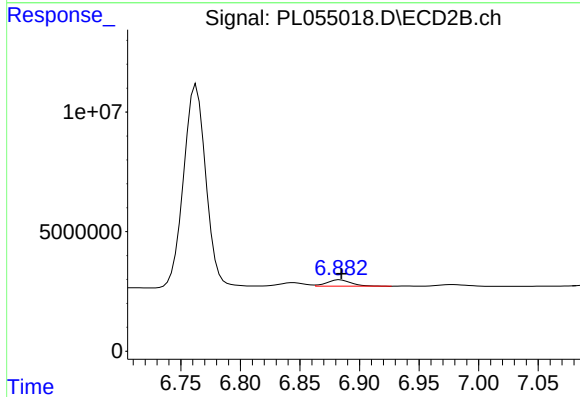
#16 4,4'-DDD

R.T.: 6.235 min  
Delta R.T.: -0.002 min  
Response: 13650123  
Conc: 1.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

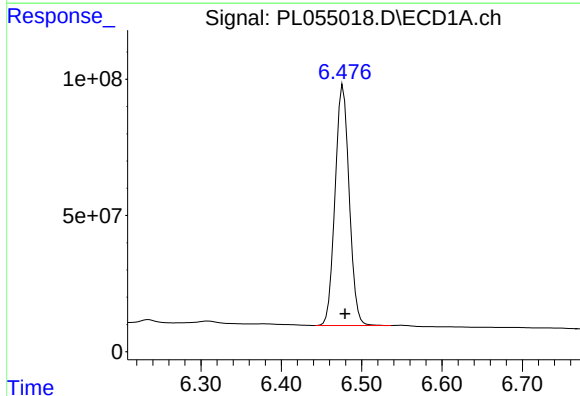
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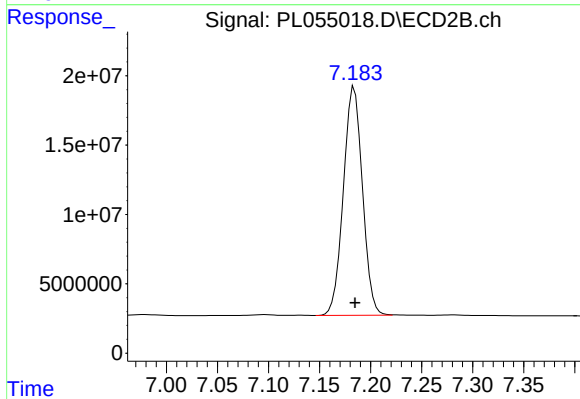
#16 4,4'-DDD

R.T.: 6.884 min  
Delta R.T.: -0.001 min  
Response: 3751742  
Conc: 1.95 ng/ml



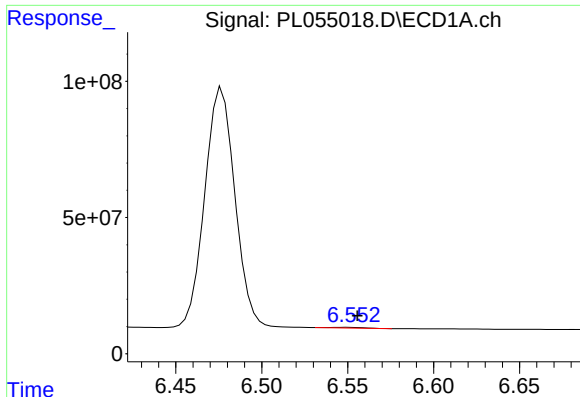
#17 4,4'-DDT

R.T.: 6.477 min  
Delta R.T.: -0.002 min  
Response: 1079604801  
Conc: 103.05 ng/ml



#17 4,4'-DDT

R.T.: 7.184 min  
Delta R.T.: 0.000 min  
Response: 214527464  
Conc: 108.27 ng/ml



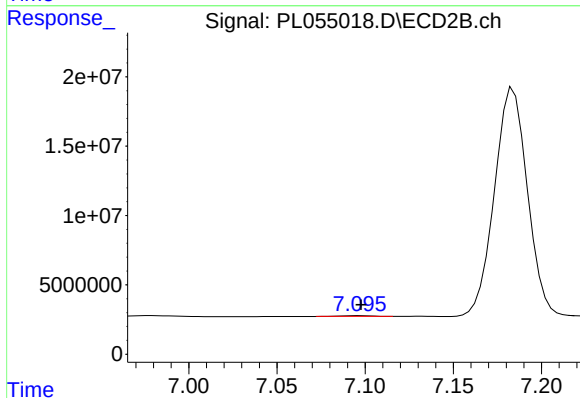
#18 Endrin aldehyde

R.T.: 6.552 min  
Delta R.T.: -0.004 min  
Response: 3151650  
Conc: 0.32 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

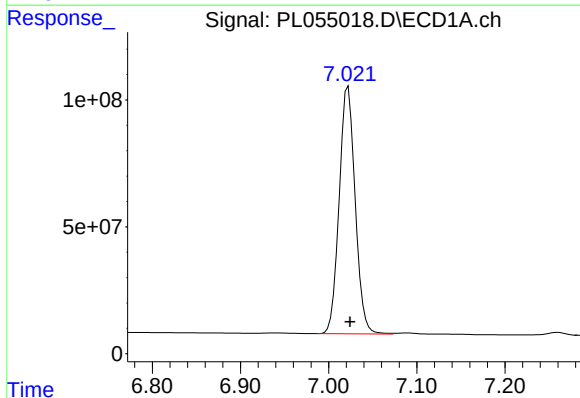
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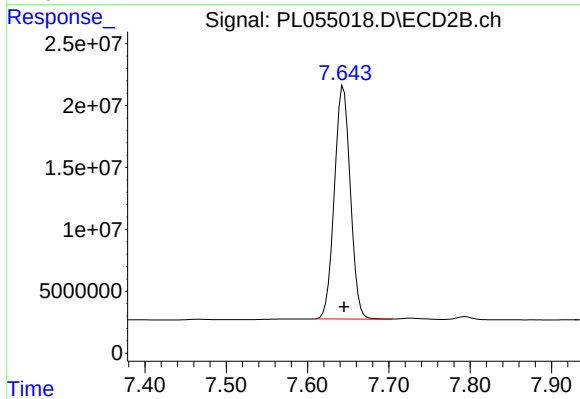
#18 Endrin aldehyde

R.T.: 7.095 min  
Delta R.T.: -0.002 min  
Response: 706395  
Conc: 0.36 ng/ml m



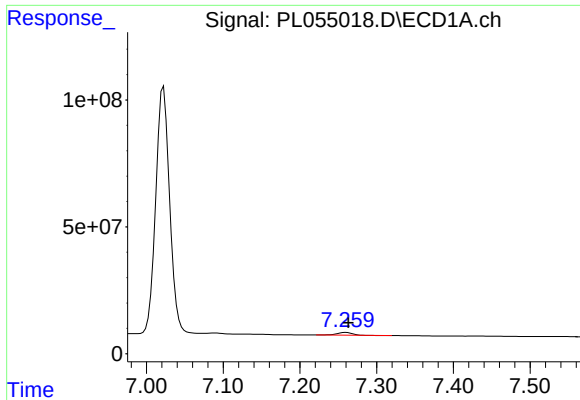
#20 Methoxychlor

R.T.: 7.022 min  
Delta R.T.: -0.002 min  
Response: 1229440341  
Conc: 245.31 ng/ml



#20 Methoxychlor

R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 257093497  
Conc: 225.38 ng/ml



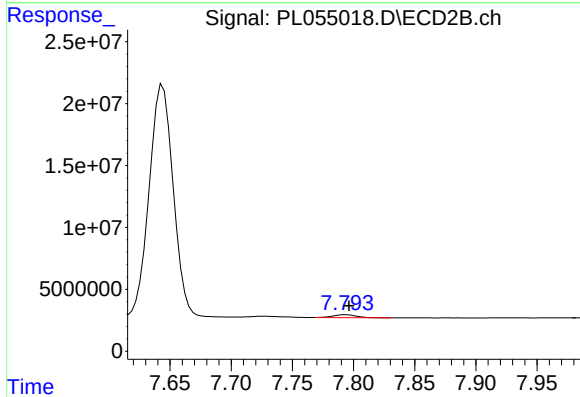
#21 Endrin ketone

R.T.: 7.260 min  
Delta R.T.: -0.003 min  
Response: 13311691  
Conc: 1.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

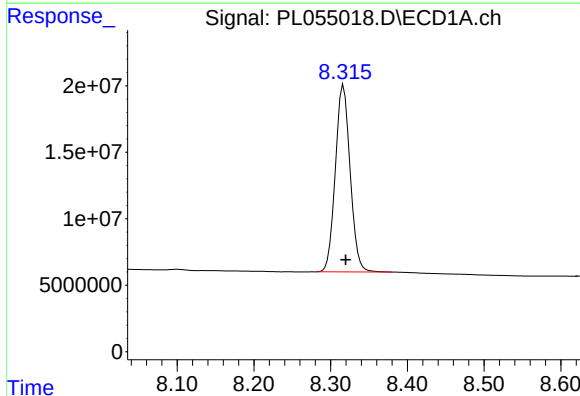
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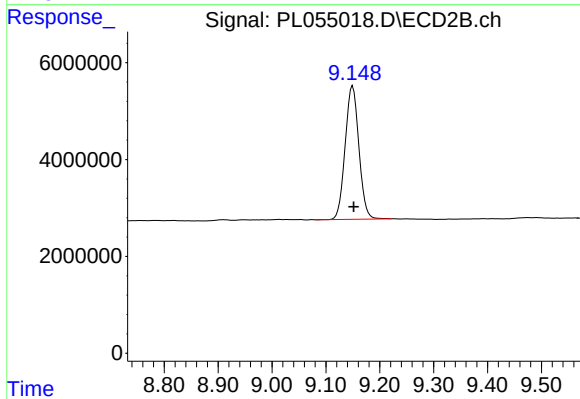
#21 Endrin ketone

R.T.: 7.794 min  
Delta R.T.: -0.002 min  
Response: 3061801  
Conc: 1.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.317 min  
Delta R.T.: -0.003 min  
Response: 188285504  
Conc: 19.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.150 min  
Delta R.T.: -0.002 min  
Response: 48736586  
Conc: 20.33 ng/ml