

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122719\  
 Data File : PL055321.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2019 16:02  
 Operator : SG\AJ  
 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: Dec 28 00:32:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 21 05:21:06 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... | 3.535 | 4.048 | 243.6E6  | 65125091 | 23.161  | 24.648  |
| 28)                         | SA Decachlor... | 8.312 | 9.146 | 213.6E6  | 53664378 | 23.017  | 24.310  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.977 | 4.439 | 190.9E6  | 45202175 | 10.971  | 12.274  |
| 3)                          | MA gamma-BHC... | 4.264 | 4.724 | 173.1E6  | 42190990 | 10.498  | 12.342  |
| 6)                          | B beta-BHC      | 4.514 | 4.896 | 79293242 | 21546541 | 11.563  | 13.121  |
| 14)                         | MA Endrin       | 6.109 | 6.760 | 700.3E6  | 124.4E6  | 55.102  | 57.967  |
| 16)                         | A 4,4'-DDD      | 6.231 | 6.882 | 50889073 | 12034671 | 5.298   | 6.330   |
| 17)                         | MA 4,4'-DDT     | 6.473 | 7.181 | 1142.4E6 | 227.6E6  | 113.474 | 115.973 |
| 18)                         | B Endrin al...  | 6.548 | 7.093 | 9746121  | 1396438  | 1.001m  | 0.724m# |
| 20)                         | A Methoxychlor  | 7.018 | 7.642 | 1298.0E6 | 294.0E6  | 269.332 | 272.361 |
| 21)                         | B Endrin ke...  | 7.256 | 7.792 | 51305676 | 7340114  | 4.895   | 3.296 # |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122719\  
Data File : PL055321.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2019 16:02  
Operator : SG\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

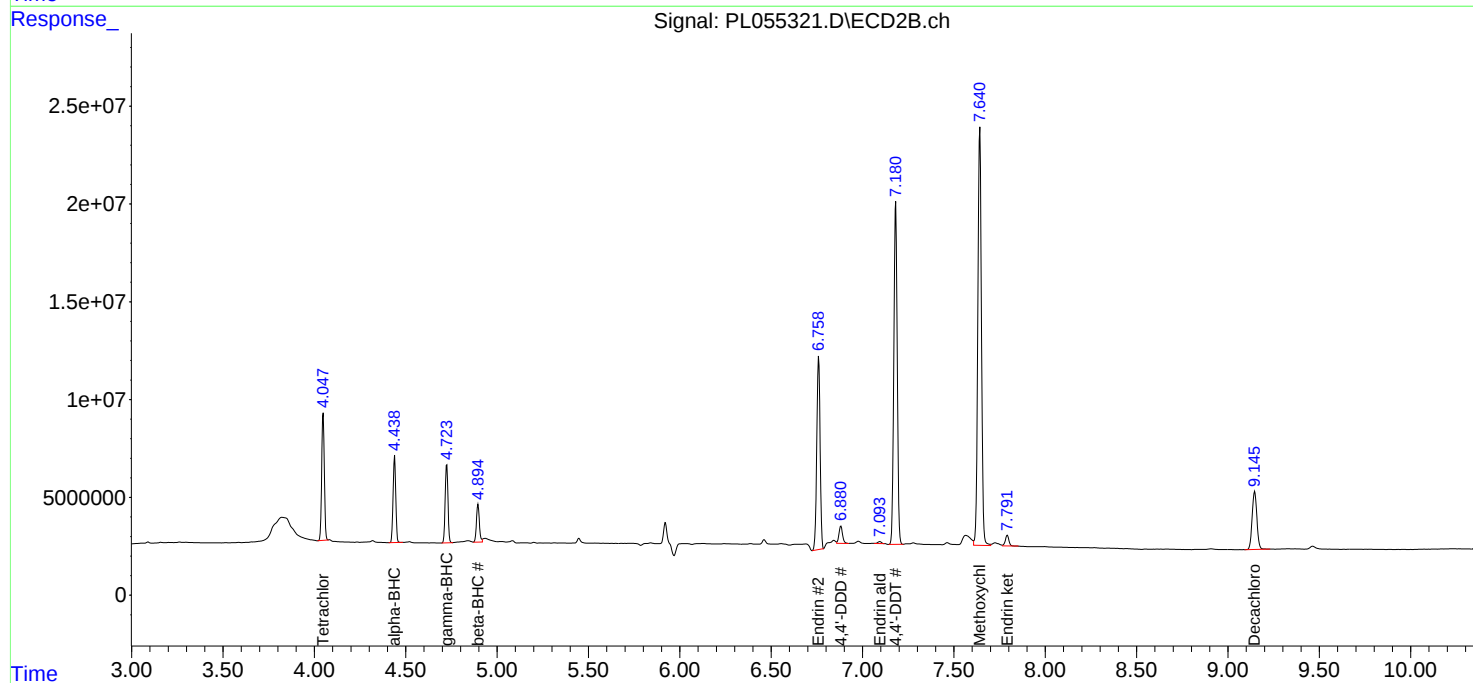
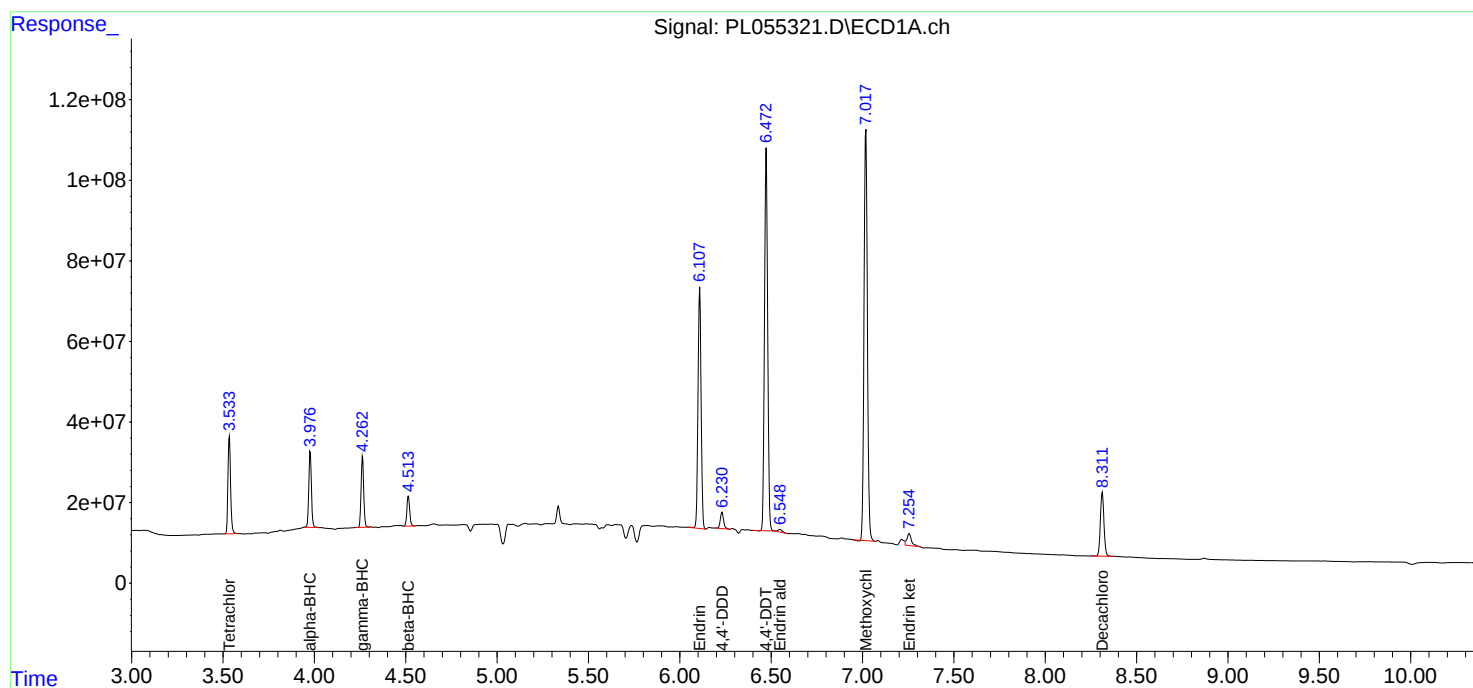
Instrument :  
ECD\_L  
ClientSampled :  
PEM

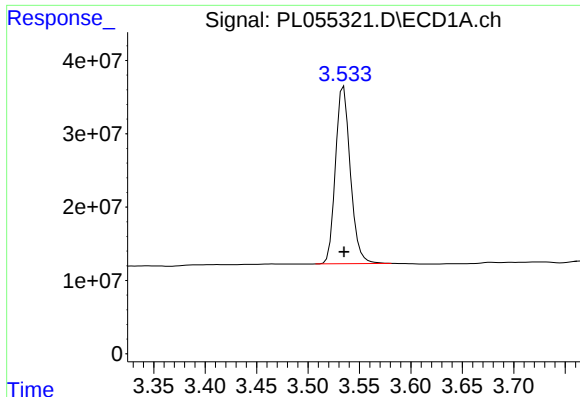
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 00:32:15 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122119.M  
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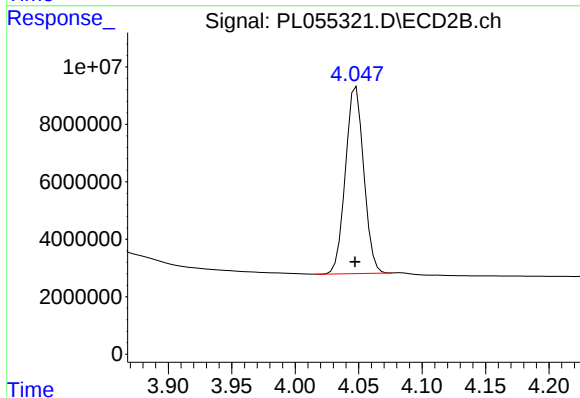
#1 Tetrachloro-m-xylene

R.T.: 3.535 min  
Delta R.T.: 0.000 min  
Response: 243568809  
Conc: 23.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

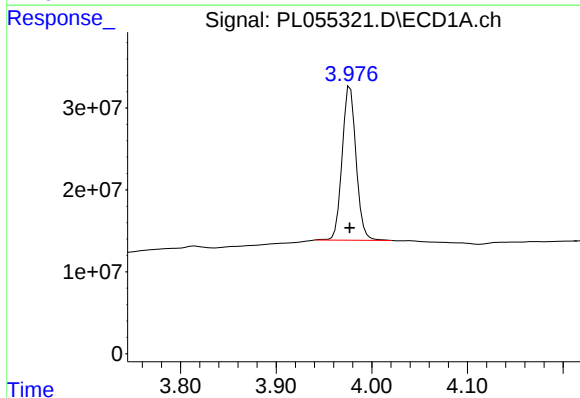
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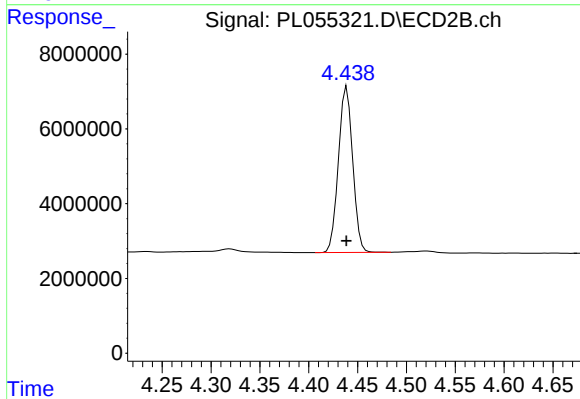
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 65125091  
Conc: 24.65 ng/ml



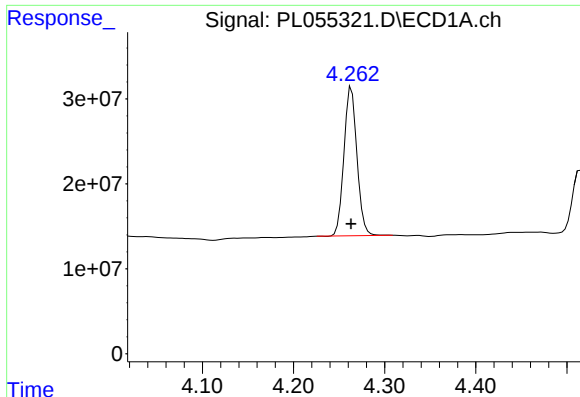
#2 alpha-BHC

R.T.: 3.977 min  
Delta R.T.: 0.000 min  
Response: 190864564  
Conc: 10.97 ng/ml



#2 alpha-BHC

R.T.: 4.439 min  
Delta R.T.: 0.000 min  
Response: 45202175  
Conc: 12.27 ng/ml



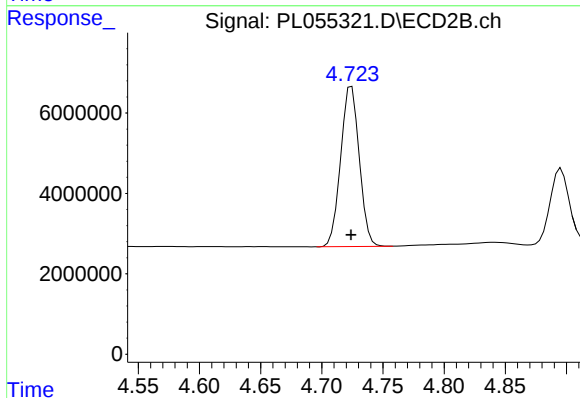
#3 gamma-BHC (Lindane)

R.T.: 4.264 min  
Delta R.T.: 0.000 min  
Response: 173094775  
Conc: 10.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

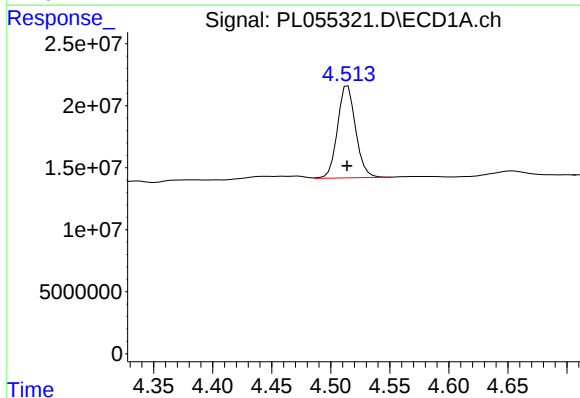
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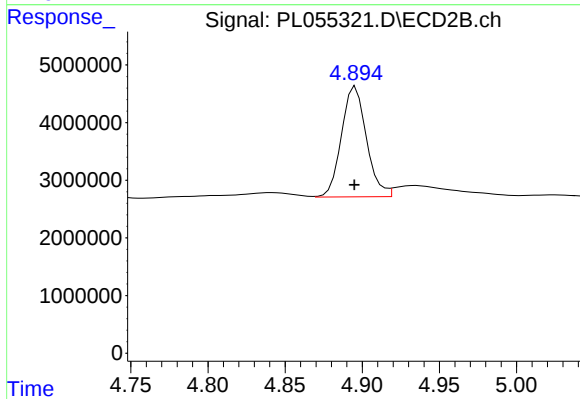
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 42190990  
Conc: 12.34 ng/ml



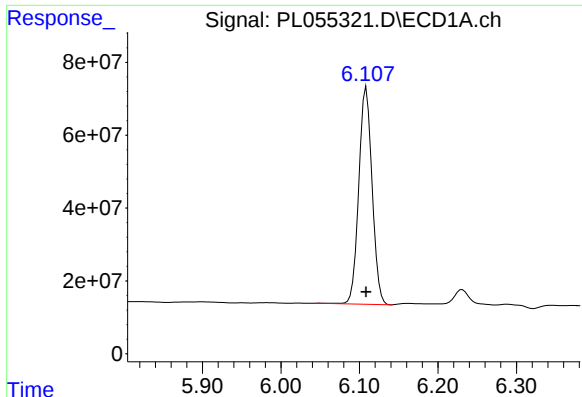
#6 beta-BHC

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 79293242  
Conc: 11.56 ng/ml



#6 beta-BHC

R.T.: 4.896 min  
Delta R.T.: 0.000 min  
Response: 21546541  
Conc: 13.12 ng/ml



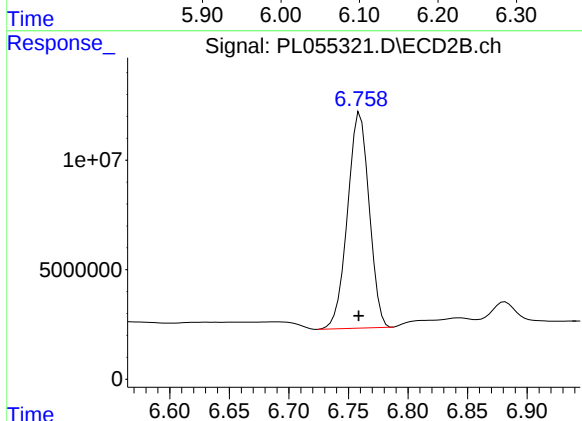
#14 Endrin

R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 700330082  
Conc: 55.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

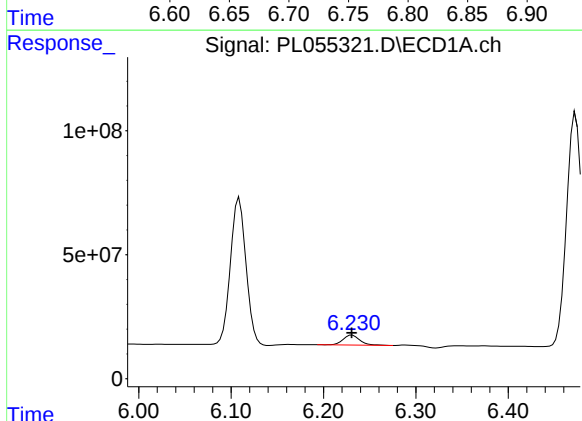
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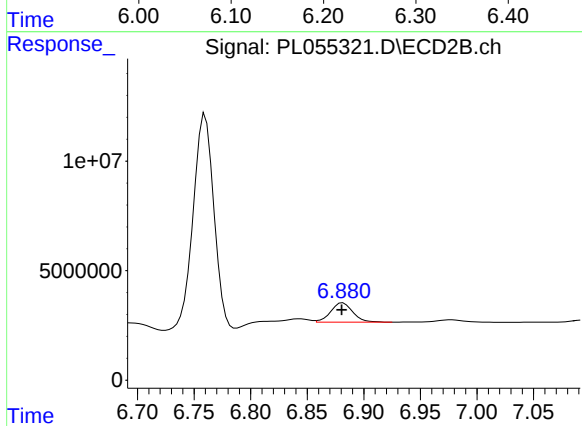
#14 Endrin

R.T.: 6.760 min  
Delta R.T.: 0.001 min  
Response: 124395780  
Conc: 57.97 ng/ml



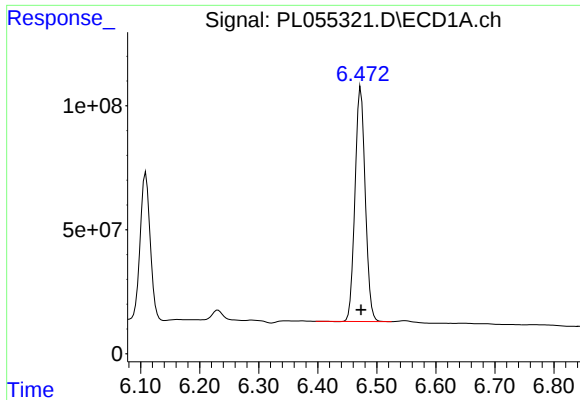
#16 4,4'-DDD

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 50889073  
Conc: 5.30 ng/ml



#16 4,4'-DDD

R.T.: 6.882 min  
Delta R.T.: 0.001 min  
Response: 12034671  
Conc: 6.33 ng/ml



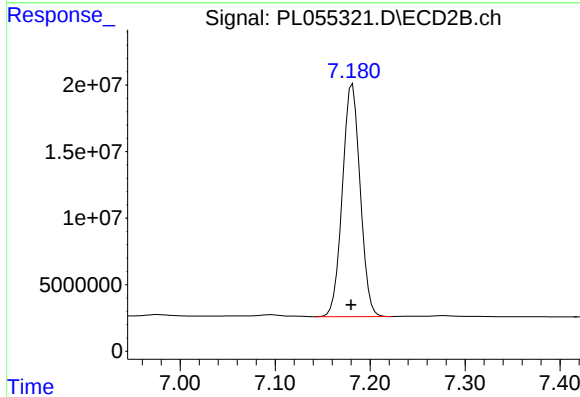
#17 4,4'-DDT

R.T.: 6.473 min  
Delta R.T.: 0.000 min  
Response: 1142353229  
Conc: 113.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

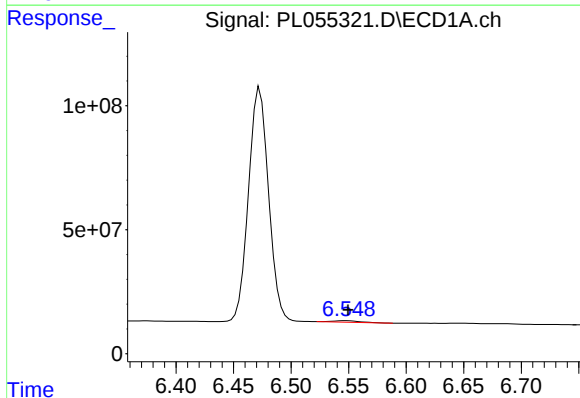
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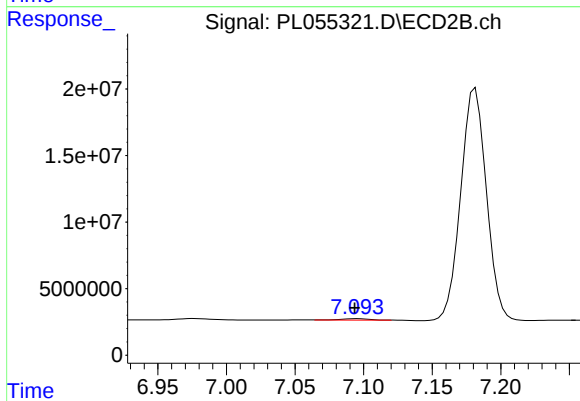
#17 4,4'-DDT

R.T.: 7.181 min  
Delta R.T.: 0.002 min  
Response: 227611880  
Conc: 115.97 ng/ml



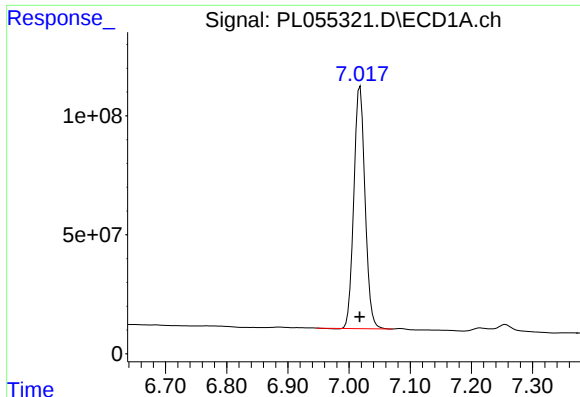
#18 Endrin aldehyde

R.T.: 6.548 min  
Delta R.T.: -0.002 min  
Response: 9746121  
Conc: 1.00 ng/ml m



#18 Endrin aldehyde

R.T.: 7.093 min  
Delta R.T.: 0.000 min  
Response: 1396438  
Conc: 0.72 ng/ml m



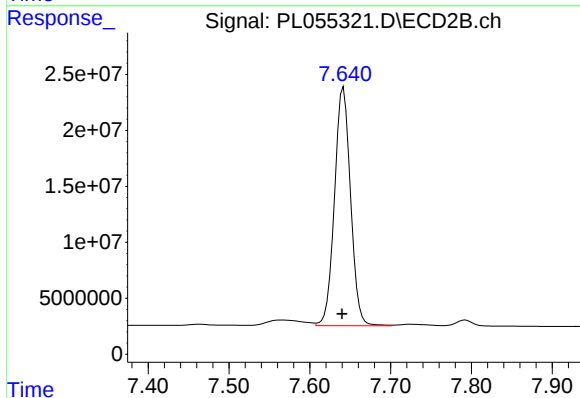
#20 Methoxychlor

R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 1298023591  
Conc: 269.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

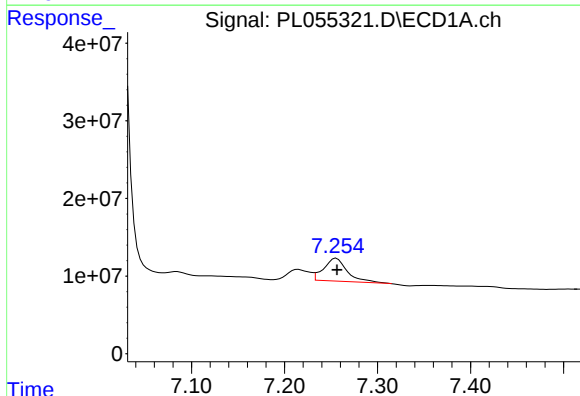
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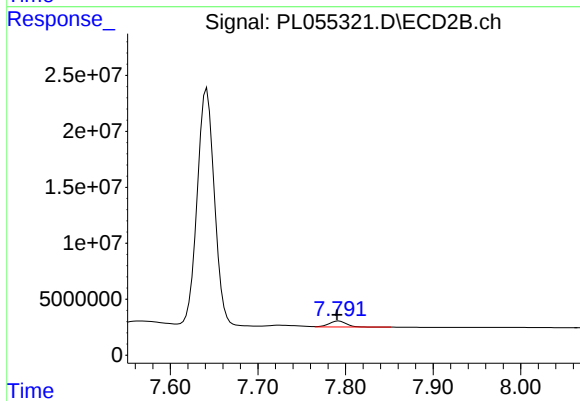
#20 Methoxychlor

R.T.: 7.642 min  
Delta R.T.: 0.002 min  
Response: 293951204  
Conc: 272.36 ng/ml



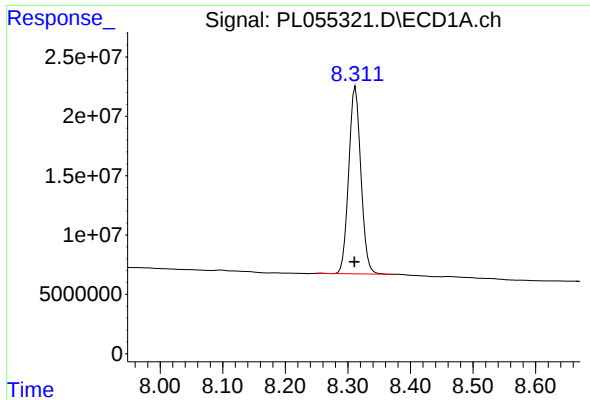
#21 Endrin ketone

R.T.: 7.256 min  
Delta R.T.: 0.000 min  
Response: 51305676  
Conc: 4.89 ng/ml



#21 Endrin ketone

R.T.: 7.792 min  
Delta R.T.: 0.002 min  
Response: 7340114  
Conc: 3.30 ng/ml



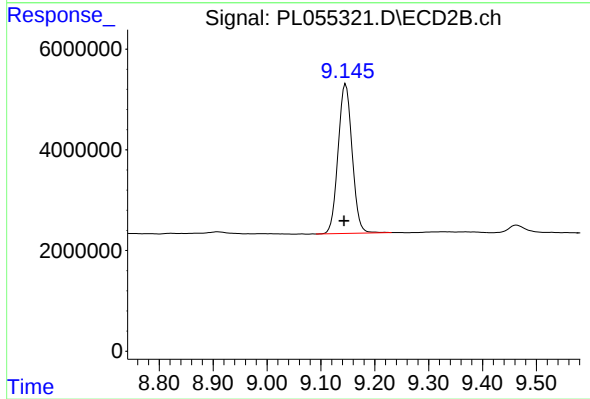
#28 Decachlorobiphenyl

R.T.: 8.312 min  
Delta R.T.: 0.002 min  
Response: 213566479  
Conc: 23.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 9.146 min  
Delta R.T.: 0.003 min  
Response: 53664378  
Conc: 24.31 ng/ml