

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112019\  
 Data File : PL054480.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2019 15:40  
 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: Nov 21 01:03:59 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 19 01:04:14 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... | 3.538 | 4.043 | 232.7E6  | 53626583 | 22.378  | 22.012  |
| 28)                         | SA Decachlor... | 8.321 | 9.123 | 189.5E6  | 56060647 | 21.407  | 23.187  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.981 | 4.433 | 175.6E6  | 35801131 | 10.310  | 10.633  |
| 3)                          | MA gamma-BHC... | 4.268 | 4.719 | 158.5E6  | 33165174 | 10.549  | 10.786  |
| 6)                          | B beta-BHC      | 4.517 | 4.890 | 72639576 | 17458637 | 11.299m | 11.652  |
| 14)                         | MA Endrin       | 6.116 | 6.752 | 584.4E6  | 110.9E6  | 52.904  | 52.322  |
| 16)                         | A 4,4'-DDD      | 6.238 | 6.874 | 27022261 | 6495835  | 3.276   | 3.671   |
| 17)                         | MA 4,4'-DDT     | 6.481 | 7.173 | 979.4E6  | 216.3E6  | 108.024 | 110.258 |
| 18)                         | B Endrin al...  | 6.554 | 7.084 | 6259594  | 609492   | 0.731   | 0.322m# |
| 20)                         | A Methoxychlor  | 7.026 | 7.631 | 1156.6E6 | 283.4E6  | 252.700 | 253.933 |
| 21)                         | B Endrin ke...  | 7.261 | 7.780 | 36912721 | 3681659  | 3.675m  | 1.626 # |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 20 Nov 2019 15:40  
Operator : SG\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

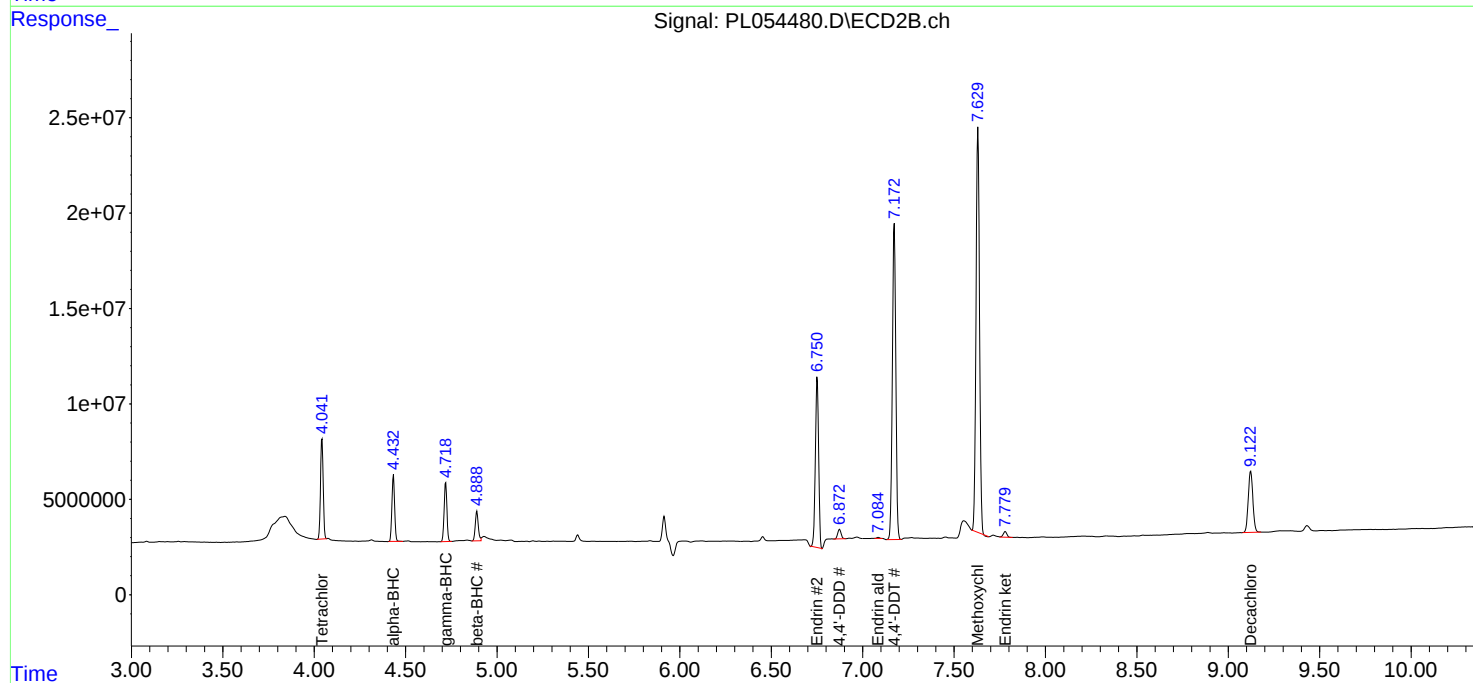
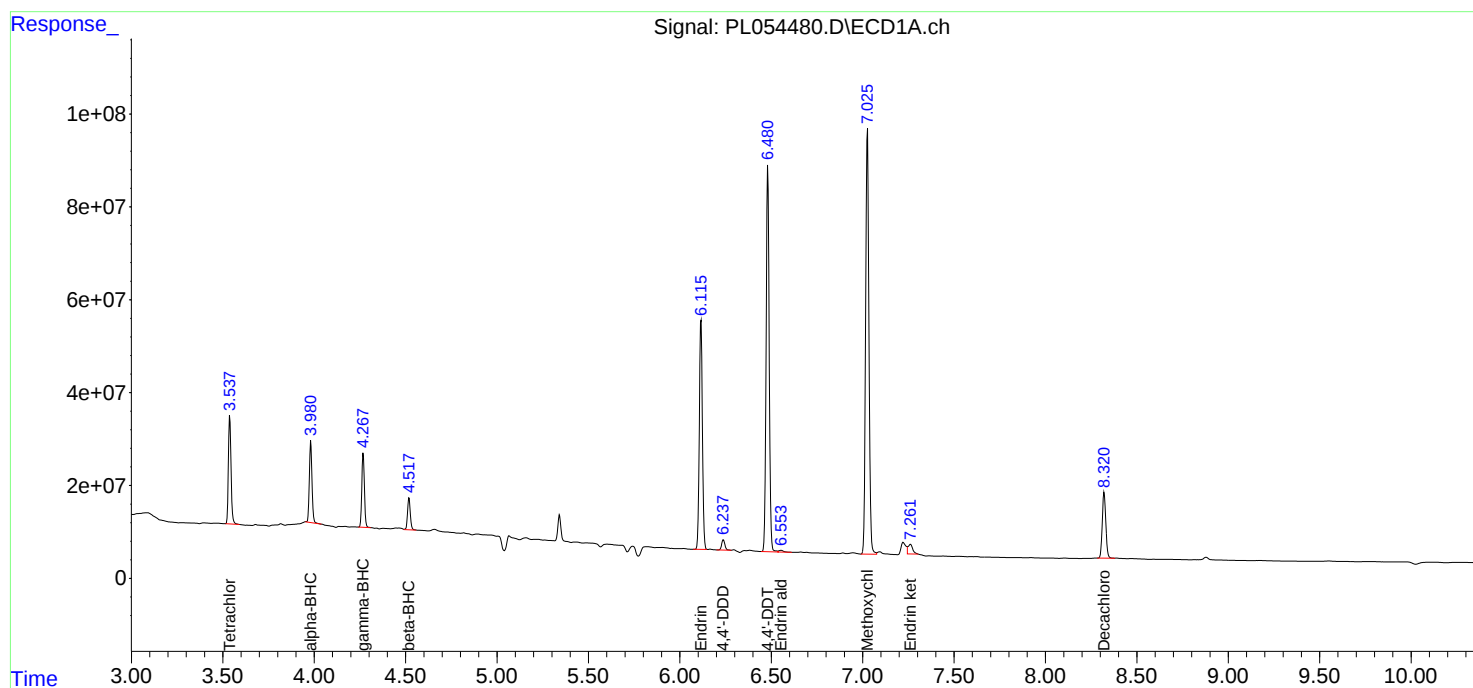
Instrument :  
ECD\_L  
ClientSampled :  
PEM

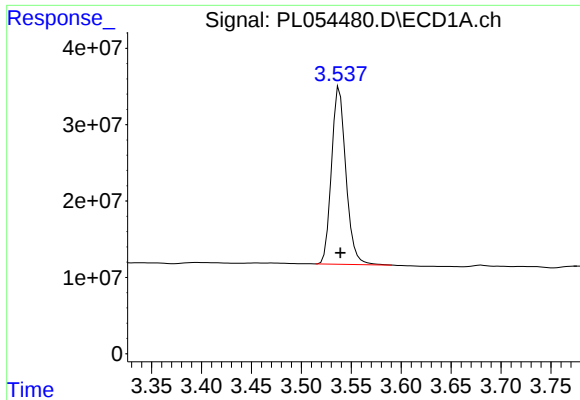
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 21 01:03:59 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
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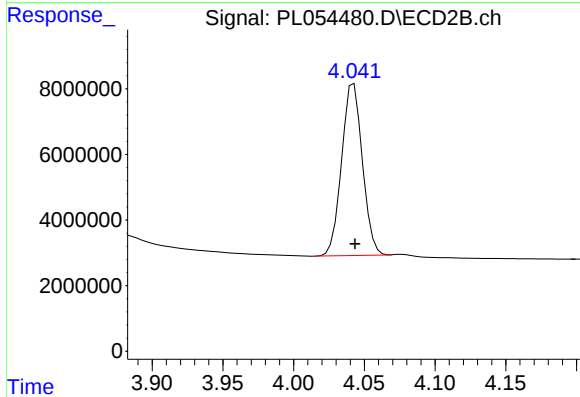
#1 Tetrachloro-m-xylene

R.T.: 3.538 min  
Delta R.T.: 0.000 min  
Response: 232670306  
Conc: 22.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

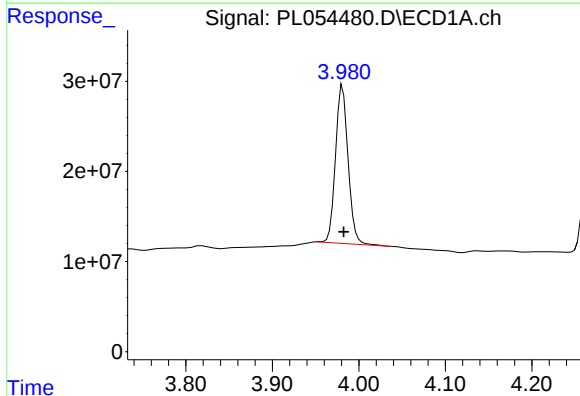
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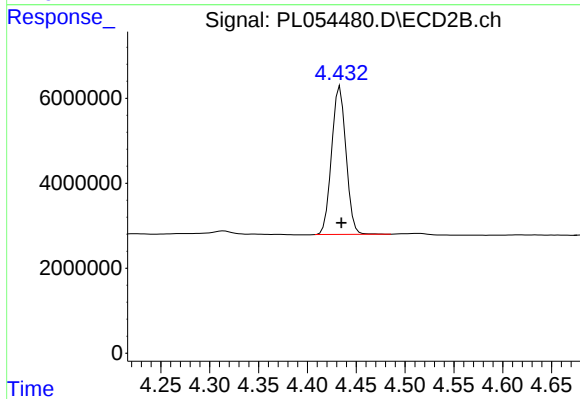
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: 0.000 min  
Response: 53626583  
Conc: 22.01 ng/ml



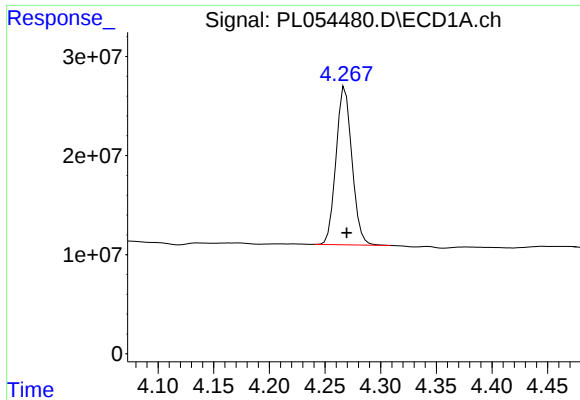
#2 alpha-BHC

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 175635226  
Conc: 10.31 ng/ml



#2 alpha-BHC

R.T.: 4.433 min  
Delta R.T.: -0.002 min  
Response: 35801131  
Conc: 10.63 ng/ml



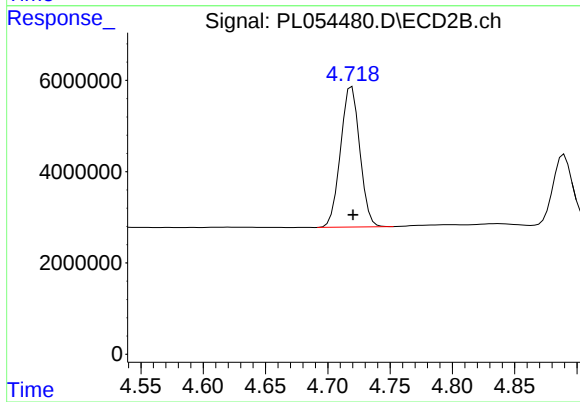
#3 gamma-BHC (Lindane)

R.T.: 4.268 min  
Delta R.T.: -0.001 min  
Response: 158495712  
Conc: 10.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

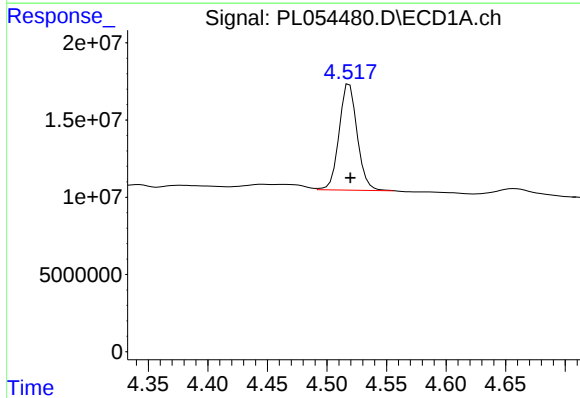
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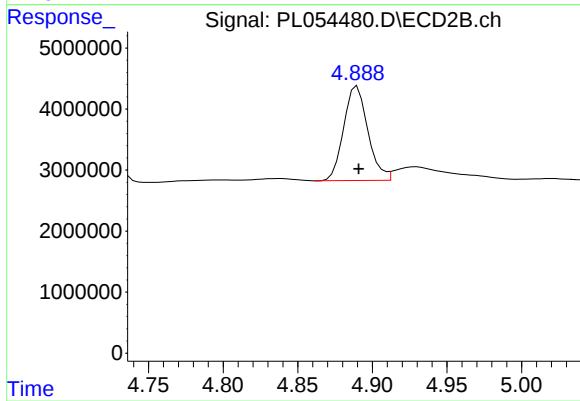
#3 gamma-BHC (Lindane)

R.T.: 4.719 min  
Delta R.T.: -0.001 min  
Response: 33165174  
Conc: 10.79 ng/ml



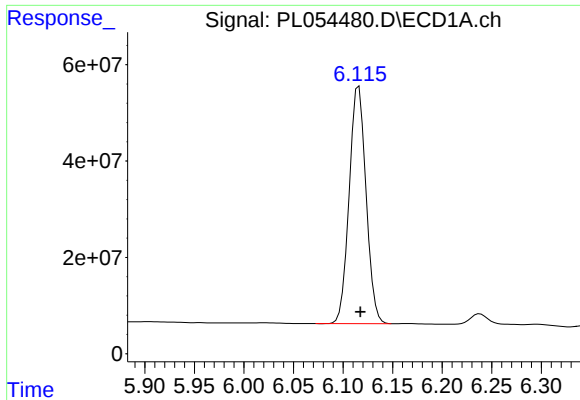
#6 beta-BHC

R.T.: 4.517 min  
Delta R.T.: -0.002 min  
Response: 72639576  
Conc: 11.30 ng/ml m



#6 beta-BHC

R.T.: 4.890 min  
Delta R.T.: 0.000 min  
Response: 17458637  
Conc: 11.65 ng/ml



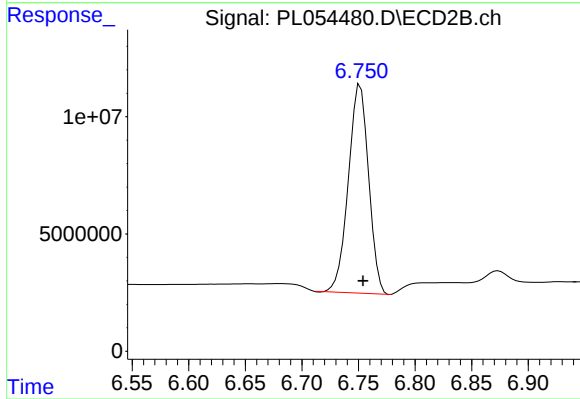
#14 Endrin

R.T.: 6.116 min  
Delta R.T.: -0.002 min  
Response: 584387146  
Conc: 52.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

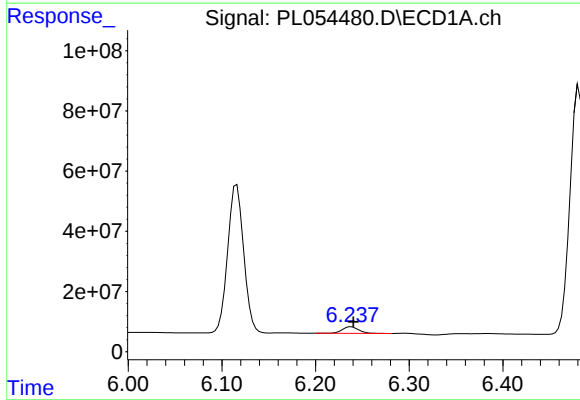
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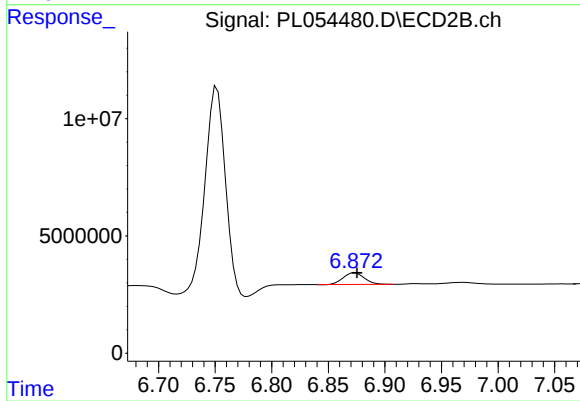
#14 Endrin

R.T.: 6.752 min  
Delta R.T.: -0.002 min  
Response: 110906012  
Conc: 52.32 ng/ml



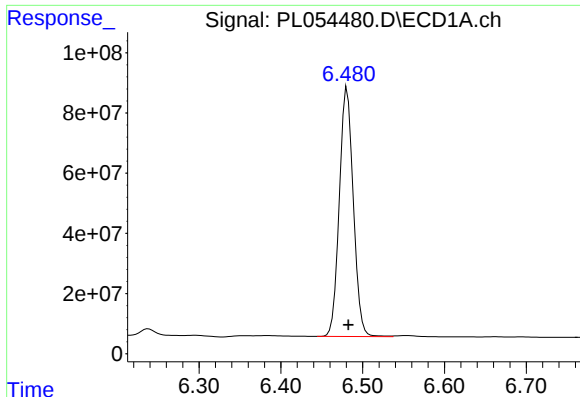
#16 4,4'-DDD

R.T.: 6.238 min  
Delta R.T.: -0.003 min  
Response: 27022261  
Conc: 3.28 ng/ml



#16 4,4'-DDD

R.T.: 6.874 min  
Delta R.T.: -0.002 min  
Response: 6495835  
Conc: 3.67 ng/ml



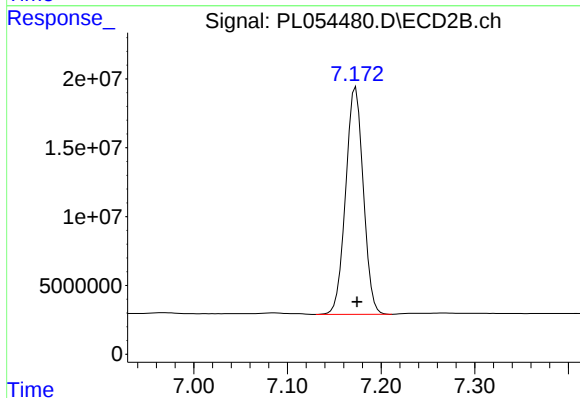
#17 4,4'-DDT

R.T.: 6.481 min  
Delta R.T.: -0.001 min  
Response: 979390281  
Conc: 108.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

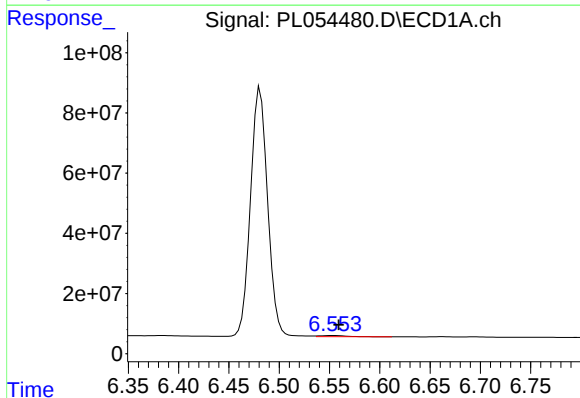
Manual Integrations  
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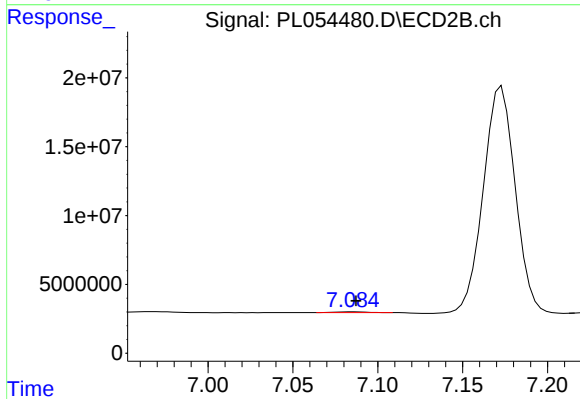
#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: -0.001 min  
Response: 216282437  
Conc: 110.26 ng/ml



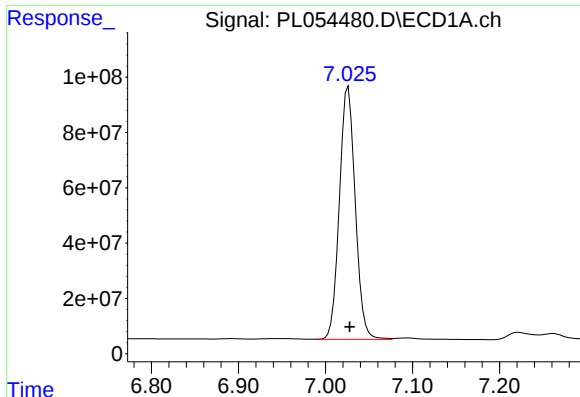
#18 Endrin aldehyde

R.T.: 6.554 min  
Delta R.T.: -0.005 min  
Response: 6259594  
Conc: 0.73 ng/ml



#18 Endrin aldehyde

R.T.: 7.084 min  
Delta R.T.: -0.003 min  
Response: 609492  
Conc: 0.32 ng/ml m



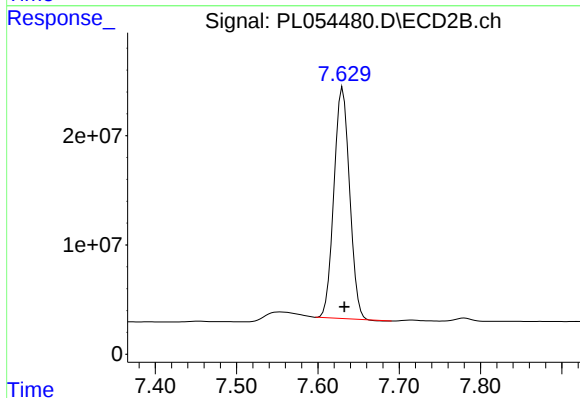
#20 Methoxychlor

R.T.: 7.026 min  
Delta R.T.: -0.002 min  
Response: 1156561151  
Conc: 252.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

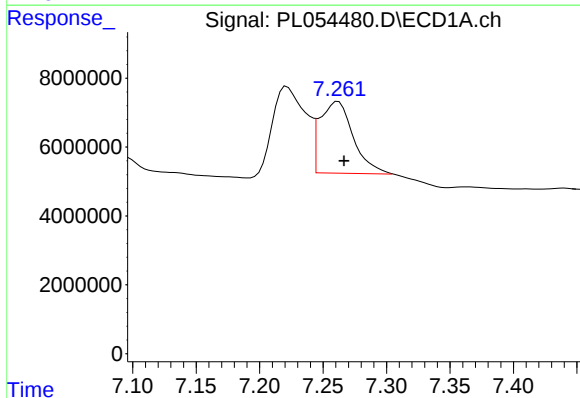
Manual Integrations  
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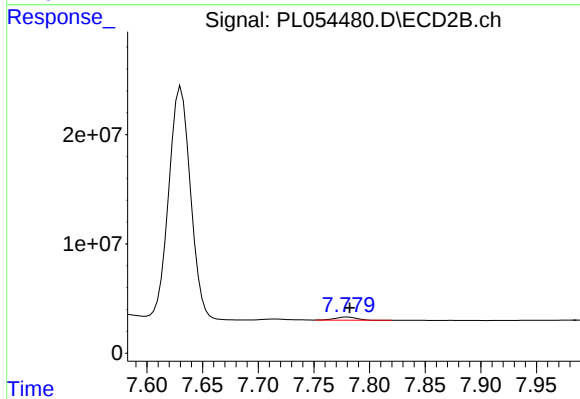
#20 Methoxychlor

R.T.: 7.631 min  
Delta R.T.: -0.002 min  
Response: 283351213  
Conc: 253.93 ng/ml



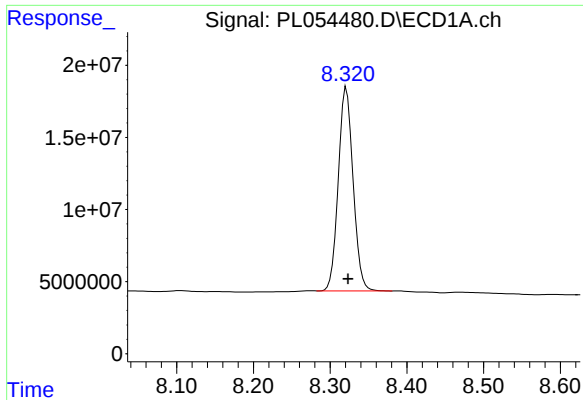
#21 Endrin ketone

R.T.: 7.261 min  
Delta R.T.: -0.006 min  
Response: 36912721  
Conc: 3.67 ng/ml m



#21 Endrin ketone

R.T.: 7.780 min  
Delta R.T.: -0.002 min  
Response: 3681659  
Conc: 1.63 ng/ml



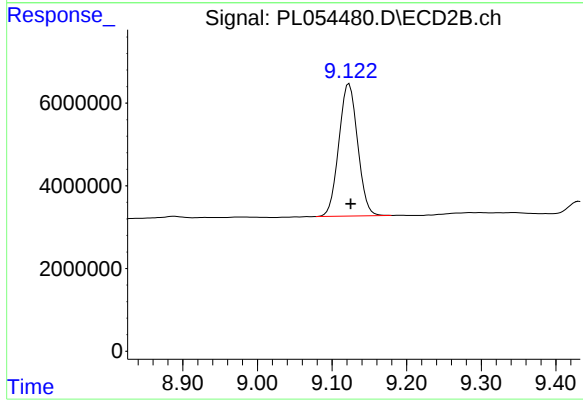
#28 Decachlorobiphenyl

R.T.: 8.321 min  
Delta R.T.: -0.002 min  
Response: 189469749  
Conc: 21.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.123 min  
Delta R.T.: -0.002 min  
Response: 56060647  
Conc: 23.19 ng/ml