

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022221\  
 Data File : PL064898.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Feb 2021 09:28  
 Operator : AR\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: Feb 22 17:17:03 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 09 04:41:29 2021  
 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... | 3.424 | 4.099 | 60973049 | 49302089 | 21.672  | 22.823   |
| 28)                         | SA Decachlor... | 8.145 | 9.256 | 56700901 | 44984164 | 25.214  | 23.684   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.857 | 4.501 | 48143740 | 30181140 | 10.381  | 9.964    |
| 3)                          | MA gamma-BHC... | 4.137 | 4.794 | 41371711 | 28751031 | 9.569   | 10.122   |
| 6)                          | B beta-BHC      | 4.388 | 4.971 | 19918500 | 23186475 | 11.654  | 15.101m# |
| 12)                         | B 4,4'-DDE      | 5.568 | 6.473 | 790490   | 621278   | 0.253m  | 0.306m   |
| 14)                         | MA Endrin       | 5.951 | 6.854 | 150.6E6  | 94360638 | 50.153  | 52.197   |
| 16)                         | A 4,4'-DDD      | 6.081 | 6.971 | 14911169 | 9322629  | 5.888   | 5.378m   |
| 17)                         | MA 4,4'-DDT     | 6.320 | 7.273 | 252.0E6  | 175.7E6  | 111.765 | 115.269  |
| 18)                         | B Endrin al...  | 6.392 | 7.193 | 3262472  | 1652774  | 1.338   | 1.015m   |
| 20)                         | A Methoxychlor  | 6.867 | 7.732 | 327.5E6  | 248.6E6  | 252.924 | 275.014m |
| 21)                         | B Endrin ke...  | 7.090 | 7.897 | 10923366 | 5928191  | 3.809   | 3.101    |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022221\  
Data File : PL064898.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Feb 2021 09:28  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

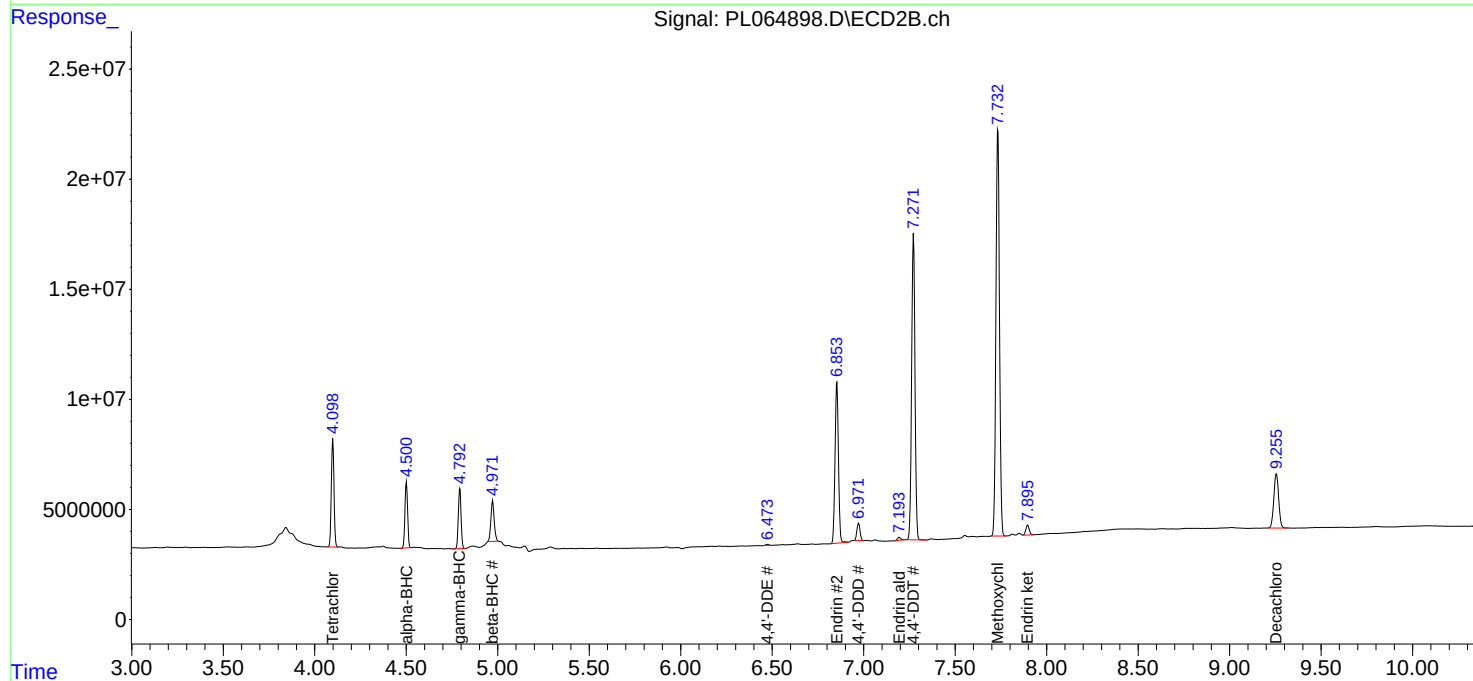
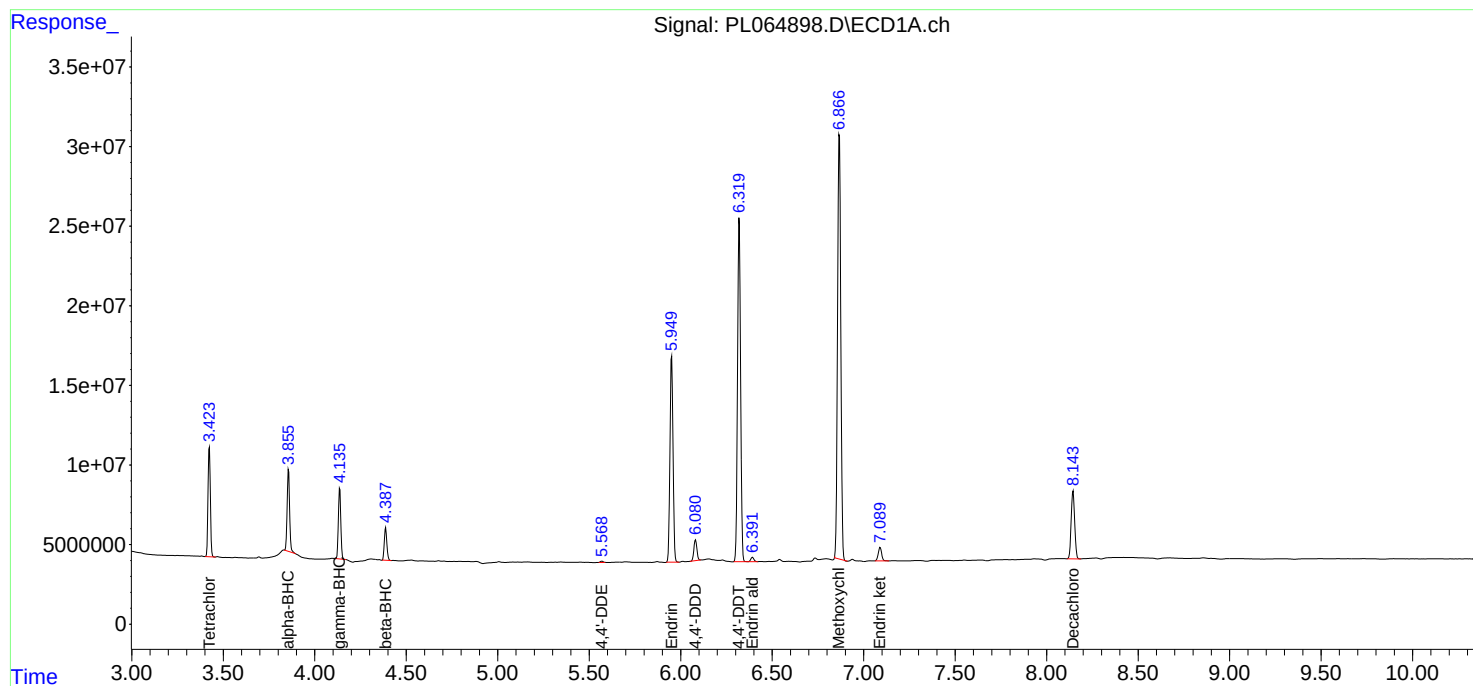
Instrument :  
ECD\_L  
ClientSampled :  
PEM

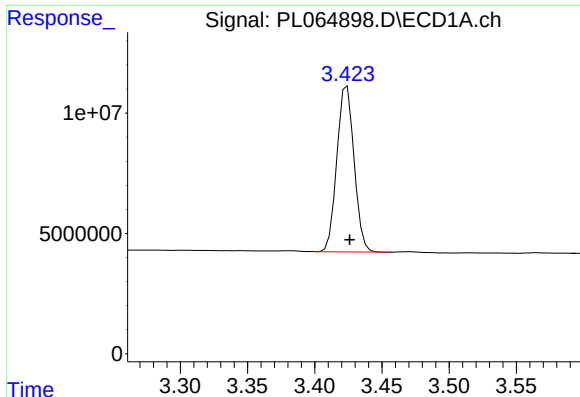
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 22 17:17:03 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 09 04:41:29 2021  
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





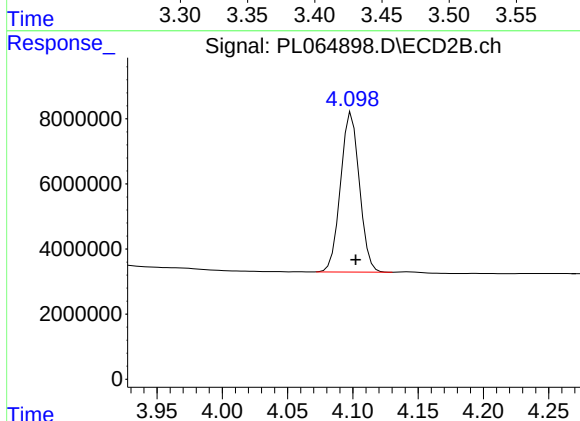
#1 Tetrachloro-m-xylene

R.T.: 3.424 min  
Delta R.T.: -0.002 min  
Response: 60973049  
Conc: 21.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

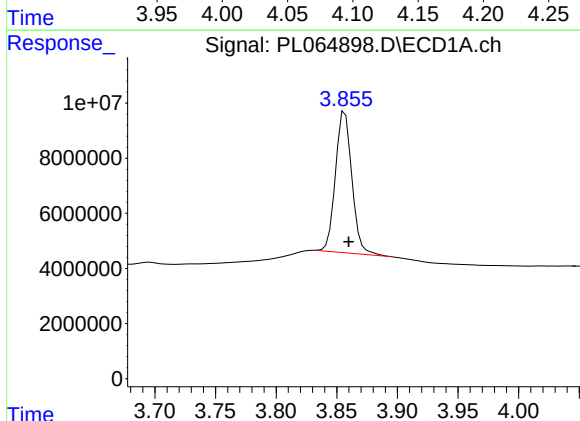
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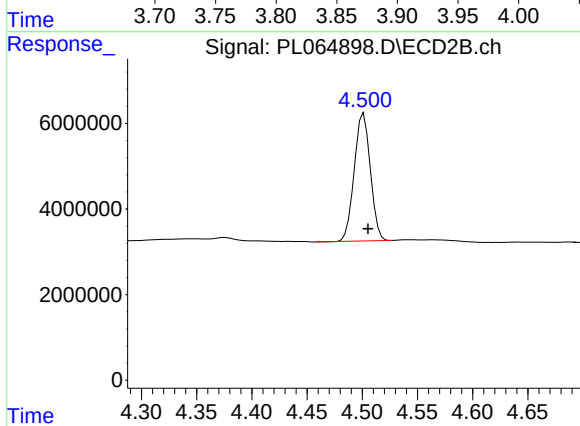
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: -0.003 min  
Response: 49302089  
Conc: 22.82 ng/ml



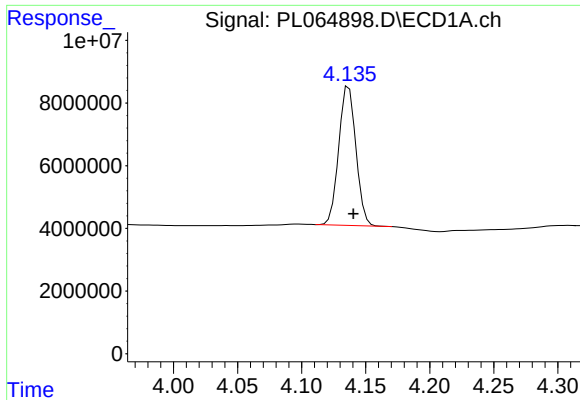
#2 alpha-BHC

R.T.: 3.857 min  
Delta R.T.: -0.003 min  
Response: 48143740  
Conc: 10.38 ng/ml



#2 alpha-BHC

R.T.: 4.501 min  
Delta R.T.: -0.004 min  
Response: 30181140  
Conc: 9.96 ng/ml



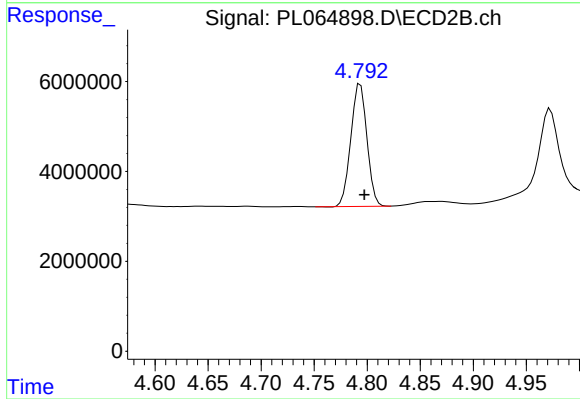
#3 gamma-BHC (Lindane)

R.T.: 4.137 min  
Delta R.T.: -0.003 min  
Response: 41371711  
Conc: 9.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

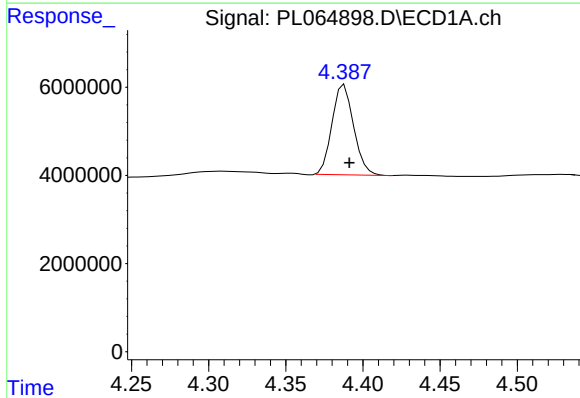
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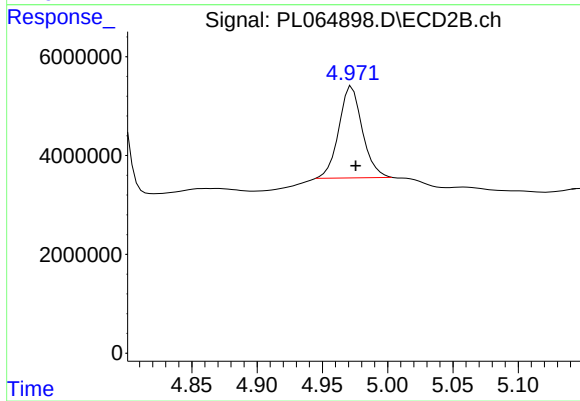
#3 gamma-BHC (Lindane)

R.T.: 4.794 min  
Delta R.T.: -0.004 min  
Response: 28751031  
Conc: 10.12 ng/ml



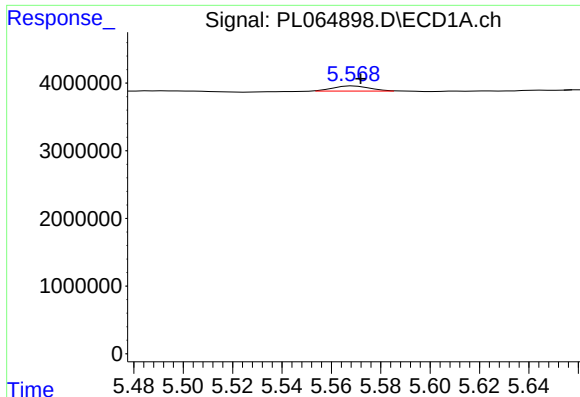
#6 beta-BHC

R.T.: 4.388 min  
Delta R.T.: -0.003 min  
Response: 19918500  
Conc: 11.65 ng/ml



#6 beta-BHC

R.T.: 4.971 min  
Delta R.T.: -0.004 min  
Response: 23186475  
Conc: 15.10 ng/ml m



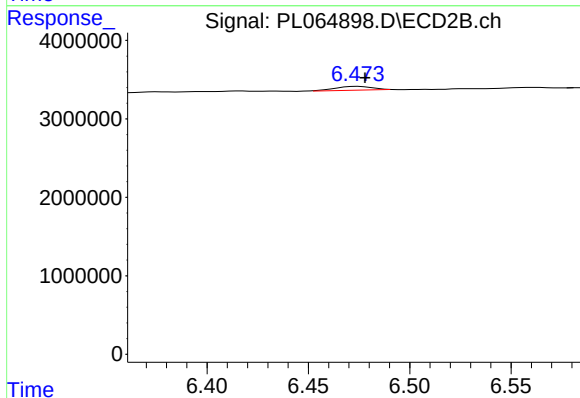
#12 4,4'-DDE

R.T.: 5.568 min  
Delta R.T.: -0.004 min  
Response: 790490  
Conc: 0.25 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

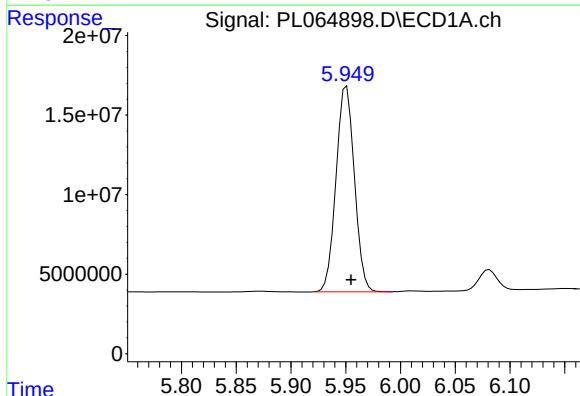
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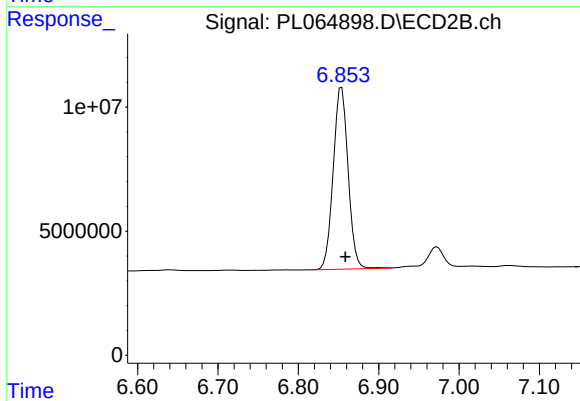
#12 4,4'-DDE

R.T.: 6.473 min  
Delta R.T.: -0.005 min  
Response: 621278  
Conc: 0.31 ng/ml m



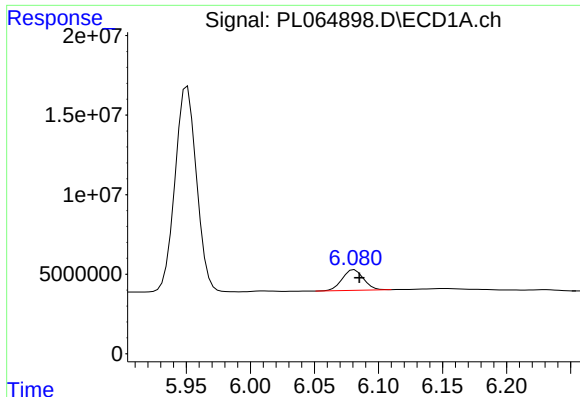
#14 Endrin

R.T.: 5.951 min  
Delta R.T.: -0.004 min  
Response: 150626920  
Conc: 50.15 ng/ml



#14 Endrin

R.T.: 6.854 min  
Delta R.T.: -0.004 min  
Response: 94360638  
Conc: 52.20 ng/ml



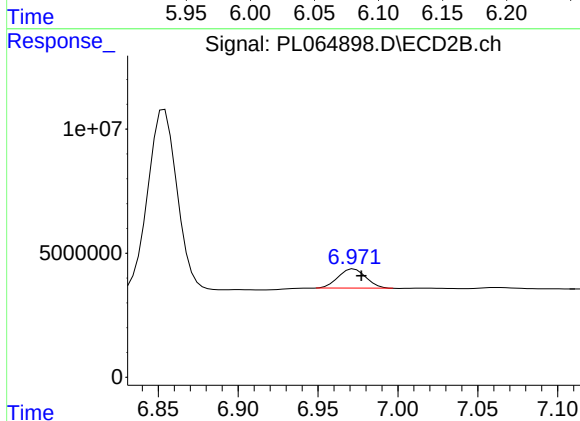
#16 4,4'-DDD

R.T.: 6.081 min  
Delta R.T.: -0.004 min  
Response: 14911169  
Conc: 5.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

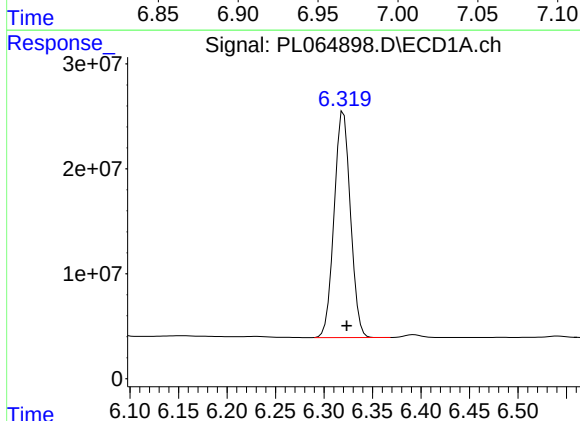
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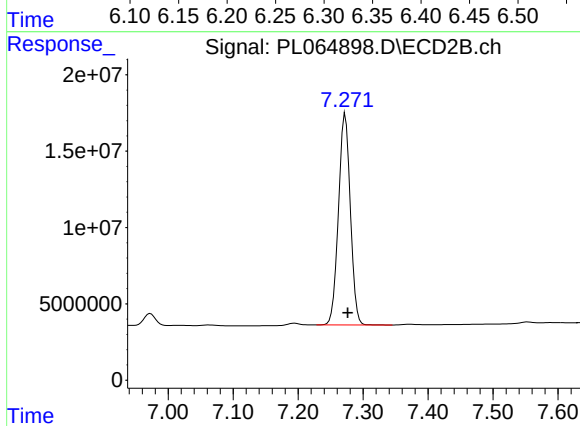
#16 4,4'-DDD

R.T.: 6.971 min  
Delta R.T.: -0.006 min  
Response: 9322629  
Conc: 5.38 ng/ml m



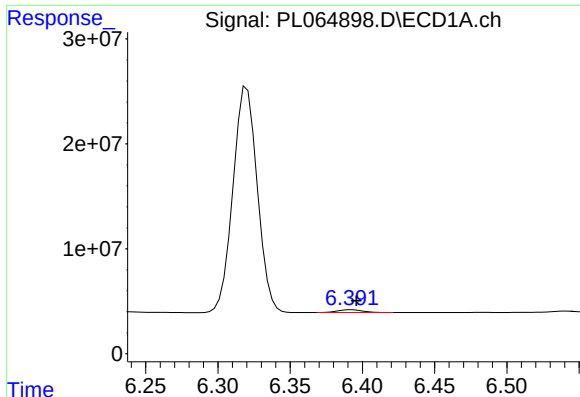
#17 4,4'-DDT

R.T.: 6.320 min  
Delta R.T.: -0.003 min  
Response: 252026904  
Conc: 111.76 ng/ml



#17 4,4'-DDT

R.T.: 7.273 min  
Delta R.T.: -0.004 min  
Response: 175745877  
Conc: 115.27 ng/ml



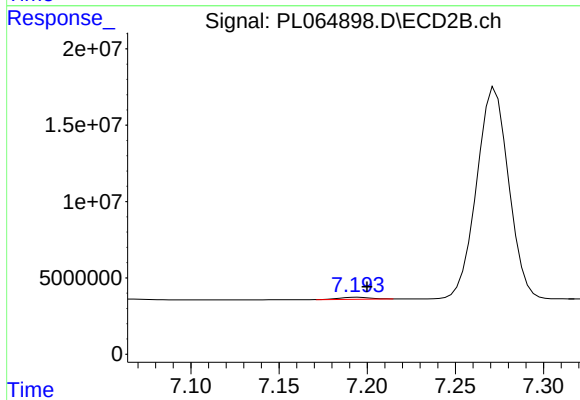
#18 Endrin aldehyde

R.T.: 6.392 min  
Delta R.T.: -0.004 min  
Response: 3262472  
Conc: 1.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

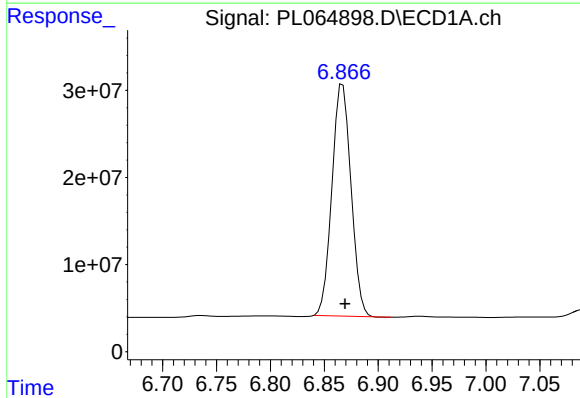
Manual Integrations  
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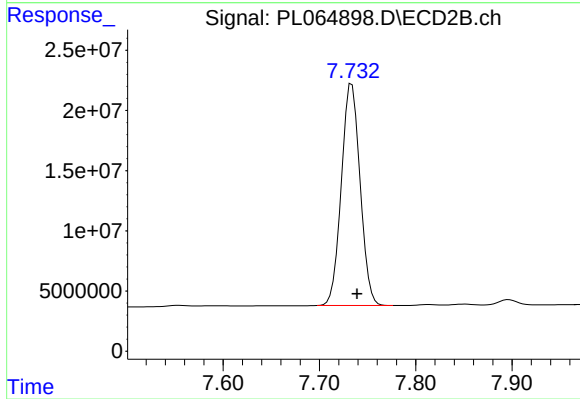
#18 Endrin aldehyde

R.T.: 7.193 min  
Delta R.T.: -0.007 min  
Response: 1652774  
Conc: 1.01 ng/ml m



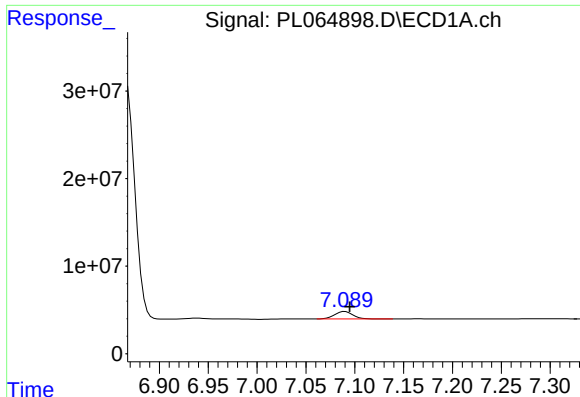
#20 Methoxychlor

R.T.: 6.867 min  
Delta R.T.: -0.002 min  
Response: 327497923  
Conc: 252.92 ng/ml



#20 Methoxychlor

R.T.: 7.732 min  
Delta R.T.: -0.007 min  
Response: 248600672  
Conc: 275.01 ng/ml m



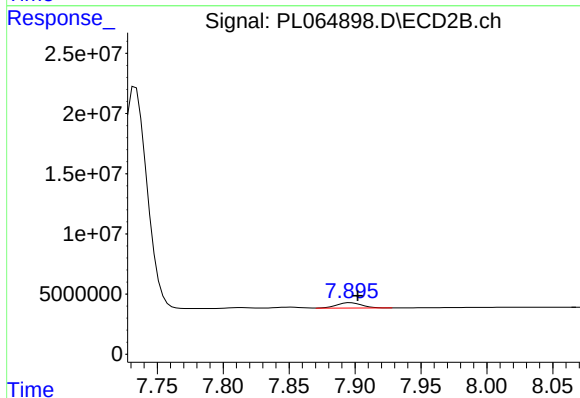
#21 Endrin ketone

R.T.: 7.090 min  
Delta R.T.: -0.005 min  
Response: 10923366  
Conc: 3.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

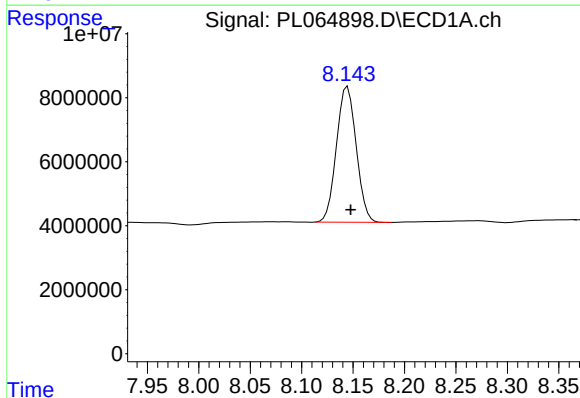
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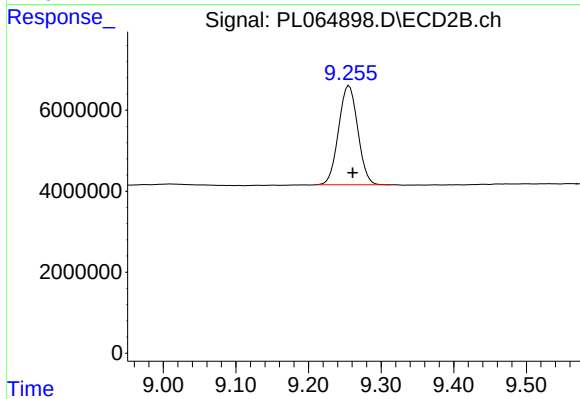
#21 Endrin ketone

R.T.: 7.897 min  
Delta R.T.: -0.005 min  
Response: 5928191  
Conc: 3.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.145 min  
Delta R.T.: -0.003 min  
Response: 56700901  
Conc: 25.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.256 min  
Delta R.T.: -0.005 min  
Response: 44984164  
Conc: 23.68 ng/ml