

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030119\  
 Data File : PL045349.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Mar 2019 00:41  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
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 3/4/2019 11:53:55 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 02 03:14:47 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 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... | 3.364 | 3.983 | 144.1E6  | 44857758 | 20.943  | 20.947   |
| 28)                         | SA Decachlor... | 8.047 | 9.039 | 160.5E6  | 46362230 | 19.181  | 20.290   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.794 | 4.372 | 101.1E6  | 28108098 | 9.101   | 9.250    |
| 3)                          | MA gamma-BHC... | 4.071 | 4.657 | 96945113 | 27818138 | 9.592   | 9.848    |
| 6)                          | B beta-BHC      | 4.324 | 4.829 | 45155301 | 13762529 | 10.535  | 10.837   |
| 12)                         | B 4,4'-DDE      | 5.482 | 6.317 | 1824624  | 586720   | 0.208m  | 0.251m   |
| 14)                         | MA Endrin       | 5.863 | 6.686 | 466.7E6  | 113.6E6  | 51.818  | 49.930   |
| 16)                         | A 4,4'-DDD      | 5.995 | 6.808 | 4454115  | 1571980  | 0.608m  | 0.817m#  |
| 17)                         | MA 4,4'-DDT     | 6.231 | 7.107 | 859.6E6  | 220.2E6  | 114.618 | 111.563  |
| 18)                         | B Endrin al...  | 6.302 | 7.018 | 4019947  | 936028   | 0.550m  | 0.458m   |
| 20)                         | A Methoxychlor  | 6.777 | 7.564 | 1111.4E6 | 292.6E6  | 253.061 | 238.377m |
| 21)                         | B Endrin ke...  | 6.997 | 7.711 | 10325404 | 1950118  | 1.121m  | 0.820 #  |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030119\  
Data File : PL045349.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Mar 2019 00:41  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

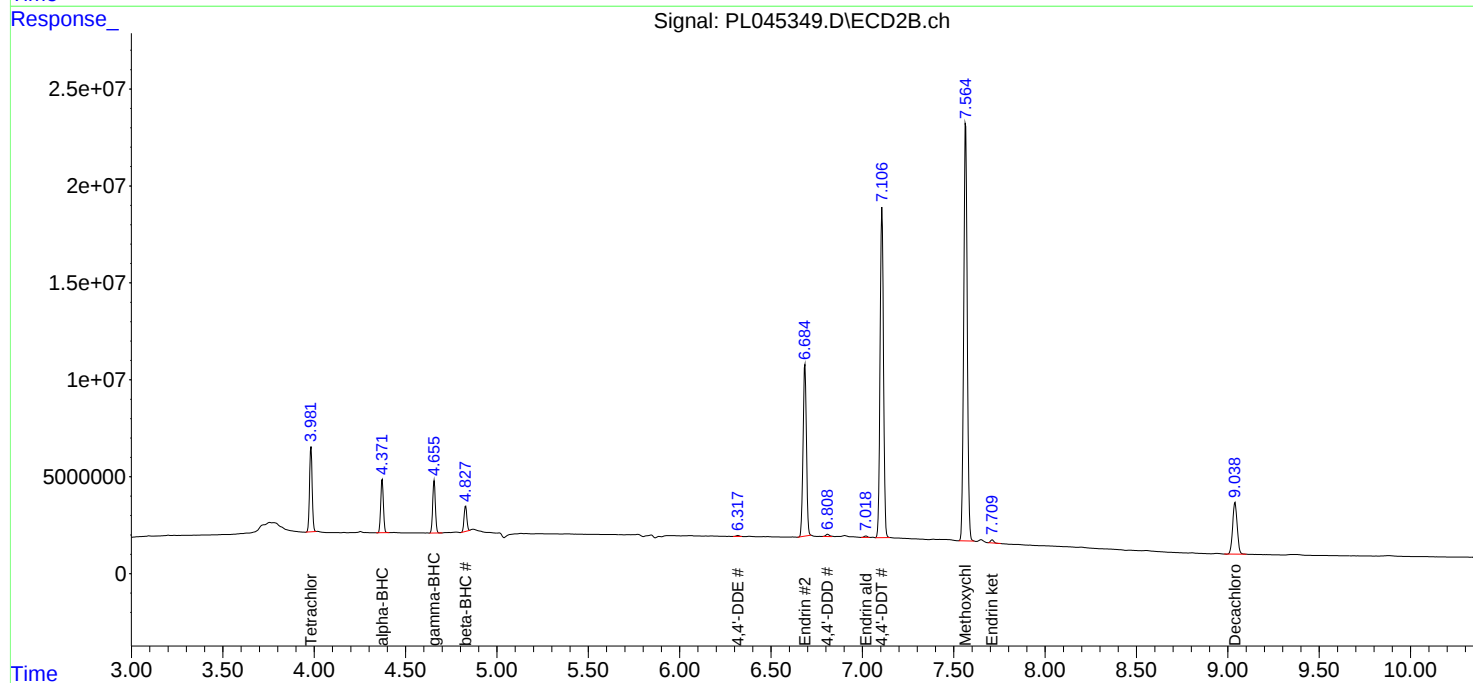
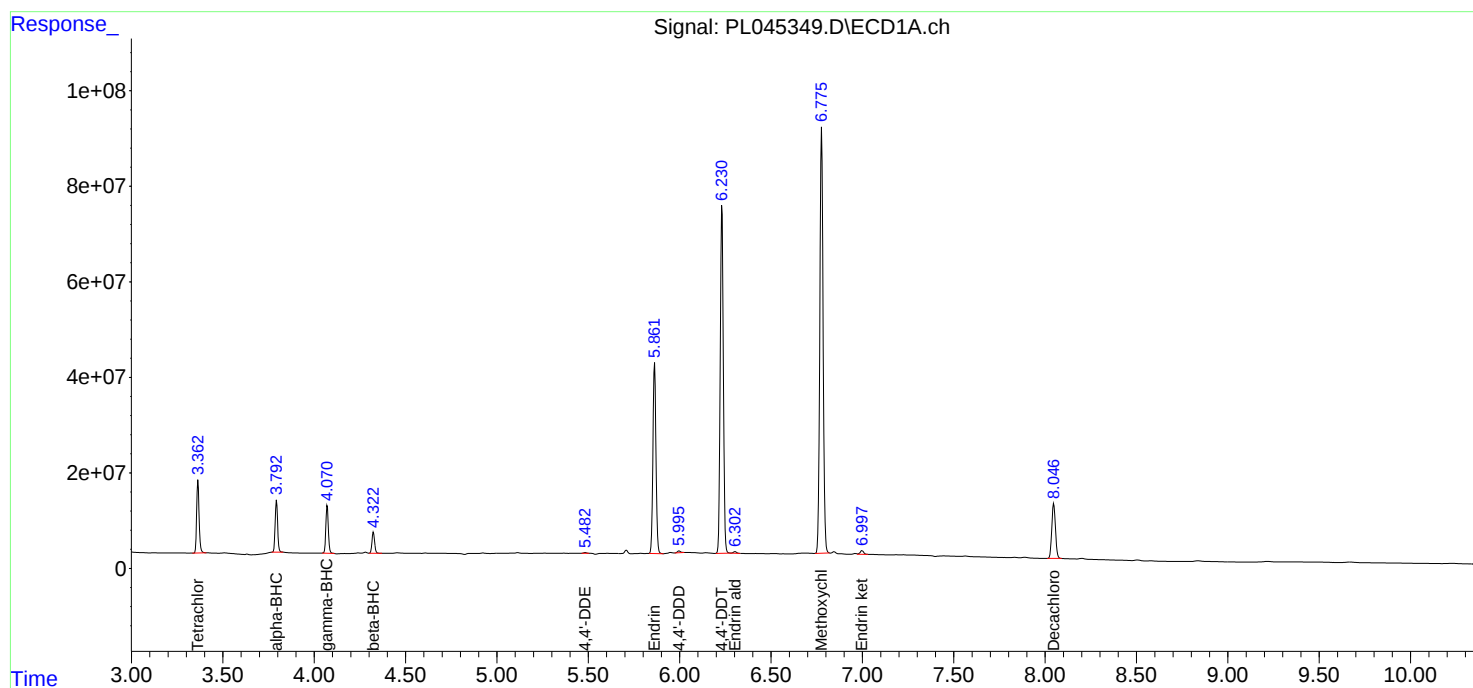
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

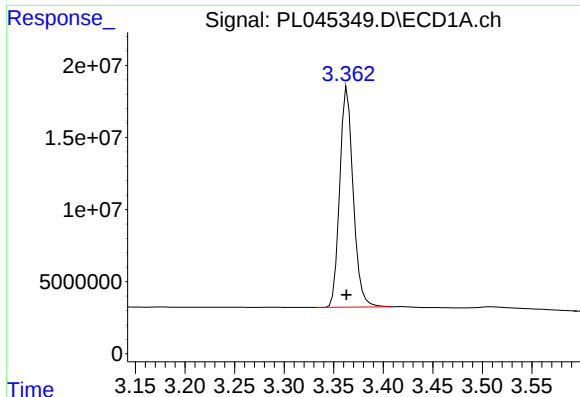
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 02 03:14:47 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 27 17:00:03 2019  
Response via : Initial Calibration  
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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





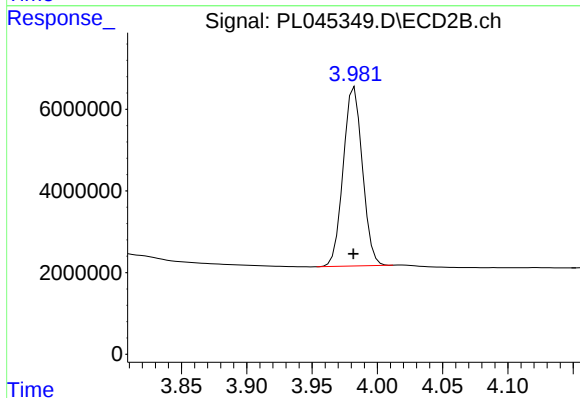
#1 Tetrachloro-m-xylene

R.T.: 3.364 min  
Delta R.T.: 0.000 min  
Response: 144073299  
Conc: 20.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

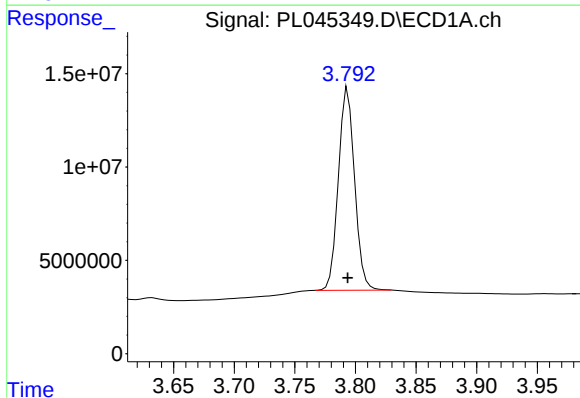
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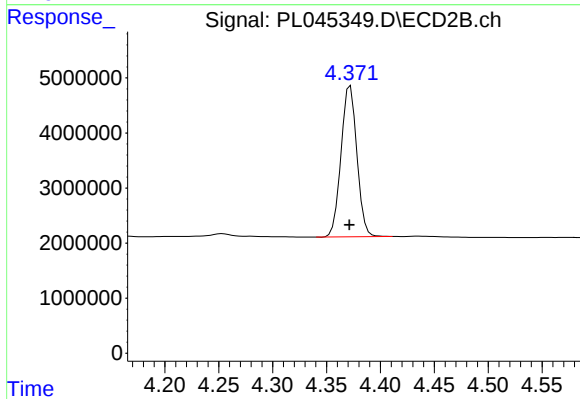
#1 Tetrachloro-m-xylene

R.T.: 3.983 min  
Delta R.T.: 0.000 min  
Response: 44857758  
Conc: 20.95 ng/ml



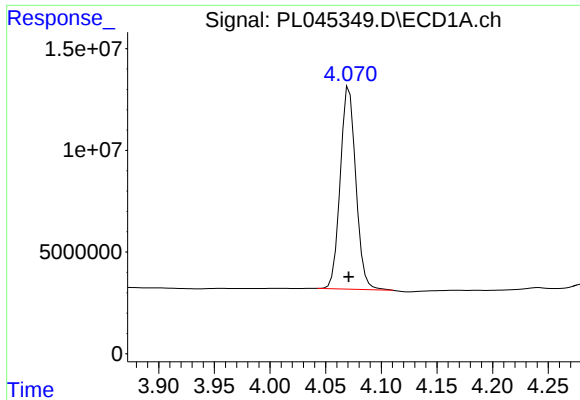
#2 alpha-BHC

R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 101090027  
Conc: 9.10 ng/ml



#2 alpha-BHC

R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 28108098  
Conc: 9.25 ng/ml



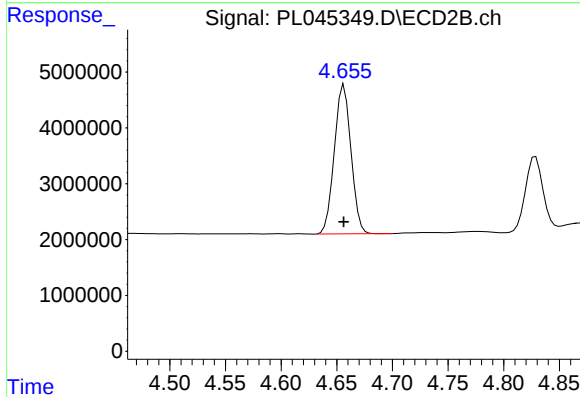
#3 gamma-BHC (Lindane)

R.T.: 4.071 min  
Delta R.T.: 0.000 min  
Response: 96945113  
Conc: 9.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

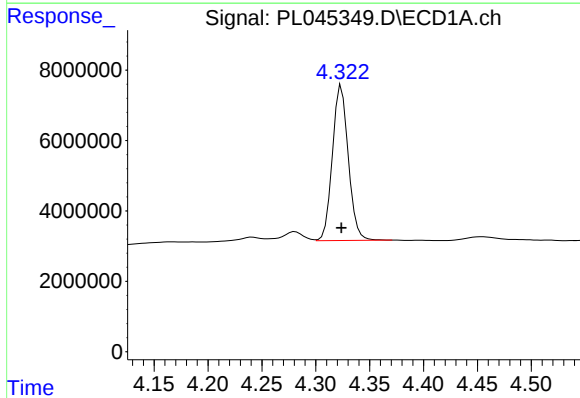
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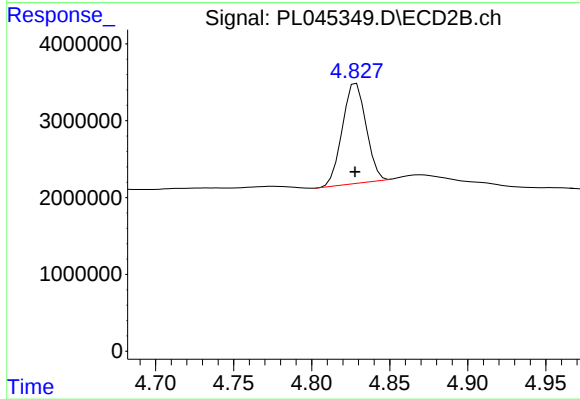
#3 gamma-BHC (Lindane)

R.T.: 4.657 min  
Delta R.T.: 0.000 min  
Response: 27818138  
Conc: 9.85 ng/ml



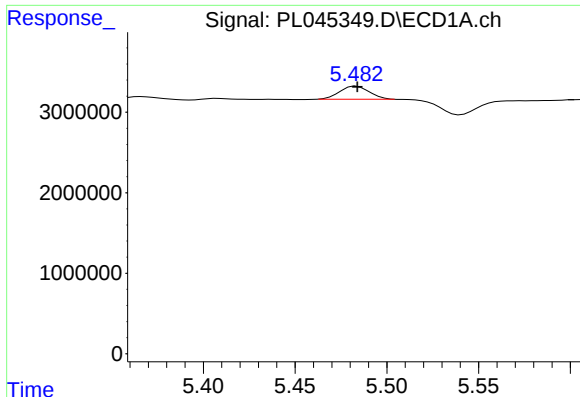
#6 beta-BHC

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 45155301  
Conc: 10.54 ng/ml



#6 beta-BHC

R.T.: 4.829 min  
Delta R.T.: 0.000 min  
Response: 13762529  
Conc: 10.84 ng/ml



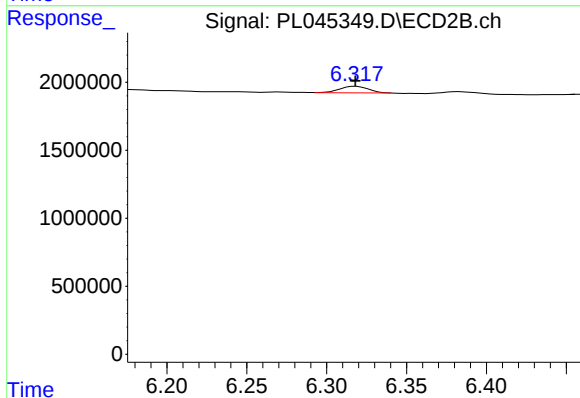
#12 4,4'-DDE

R.T.: 5.482 min  
Delta R.T.: -0.002 min  
Response: 1824624  
Conc: 0.21 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

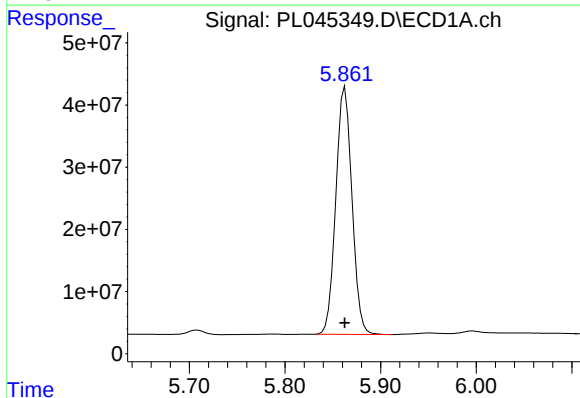
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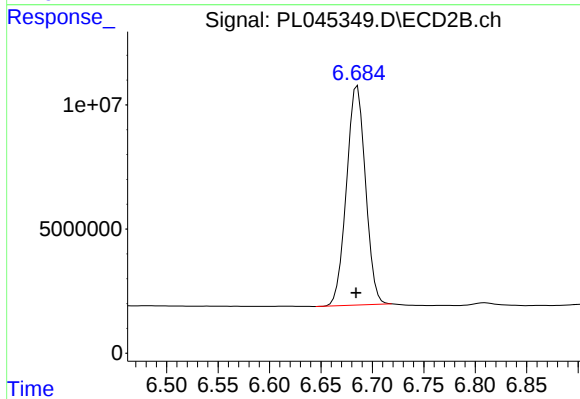
#12 4,4'-DDE

R.T.: 6.317 min  
Delta R.T.: 0.000 min  
Response: 586720  
Conc: 0.25 ng/ml m



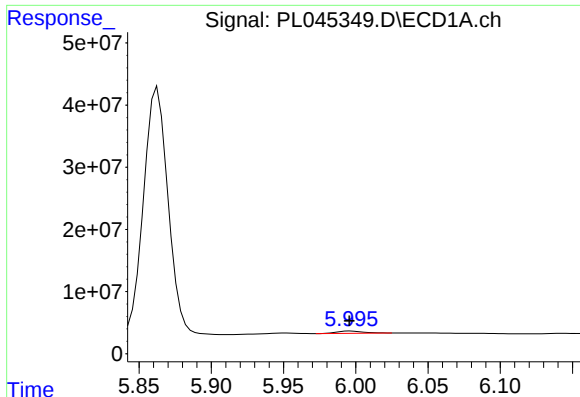
#14 Endrin

R.T.: 5.863 min  
Delta R.T.: 0.000 min  
Response: 466662844  
Conc: 51.82 ng/ml



#14 Endrin

R.T.: 6.686 min  
Delta R.T.: 0.001 min  
Response: 113604972  
Conc: 49.93 ng/ml



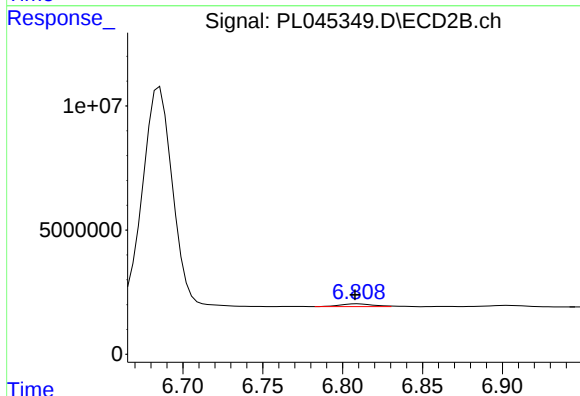
#16 4,4'-DDD

R.T.: 5.995 min  
Delta R.T.: 0.000 min  
Response: 4454115  
Conc: 0.61 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

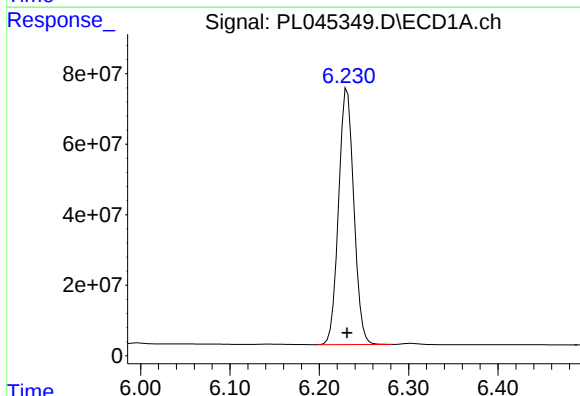
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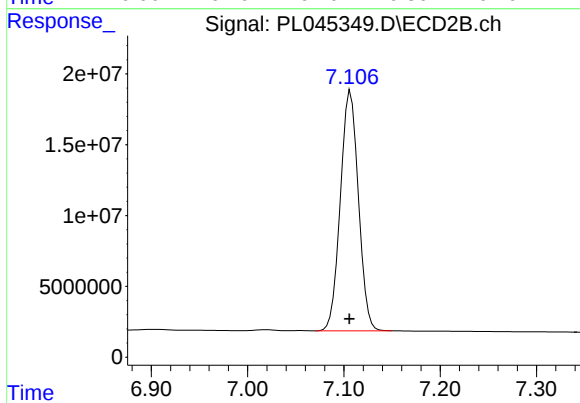
#16 4,4'-DDD

R.T.: 6.808 min  
Delta R.T.: 0.000 min  
Response: 1571980  
Conc: 0.82 ng/ml m



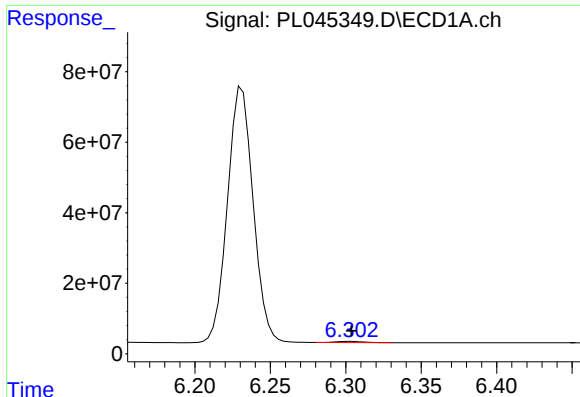
#17 4,4'-DDT

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 859647783  
Conc: 114.62 ng/ml



#17 4,4'-DDT

R.T.: 7.107 min  
Delta R.T.: 0.001 min  
Response: 220163815  
Conc: 111.56 ng/ml



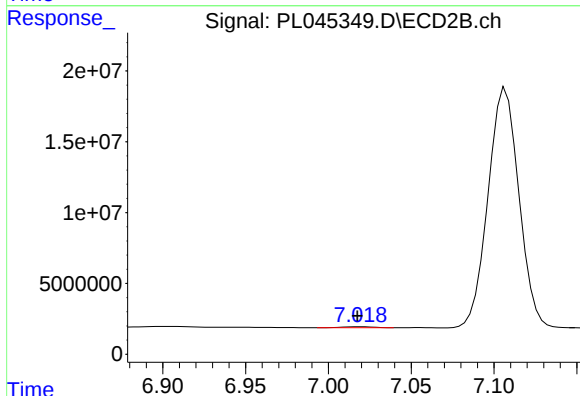
#18 Endrin aldehyde

R.T.: 6.302 min  
Delta R.T.: -0.002 min  
Response: 4019947  
Conc: 0.55 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

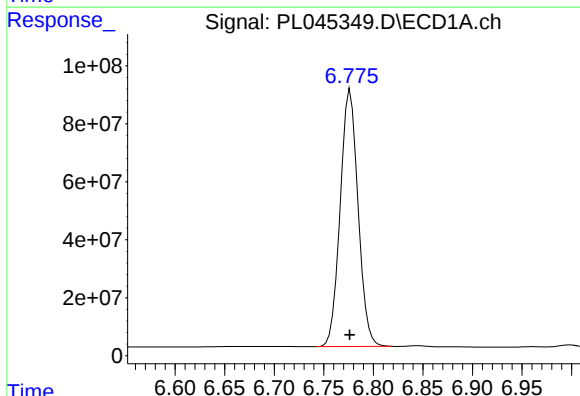
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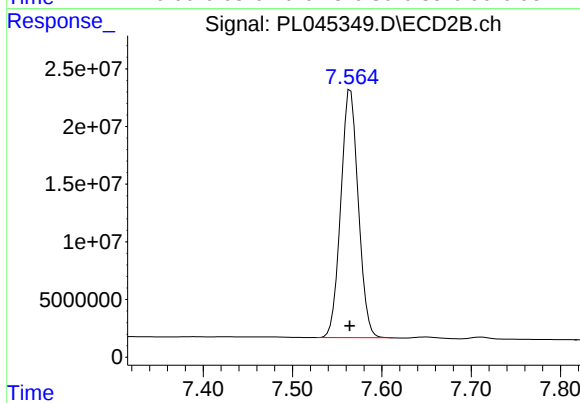
#18 Endrin aldehyde

R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 936028  
Conc: 0.46 ng/ml m



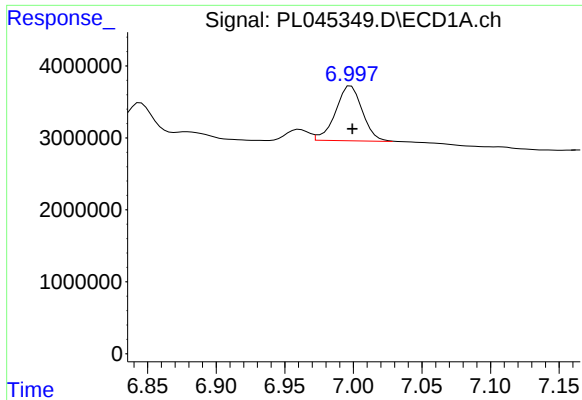
#20 Methoxychlor

R.T.: 6.777 min  
Delta R.T.: 0.000 min  
Response: 1111371344  
Conc: 253.06 ng/ml



#20 Methoxychlor

R.T.: 7.564 min  
Delta R.T.: 0.000 min  
Response: 292588348  
Conc: 238.38 ng/ml m



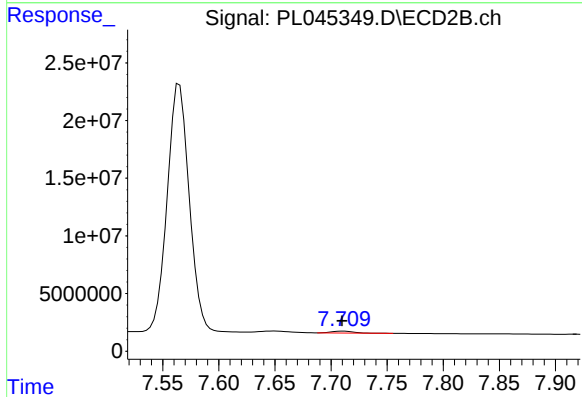
#21 Endrin ketone

R.T.: 6.997 min  
Delta R.T.: -0.002 min  
Response: 10325404  
Conc: 1.12 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

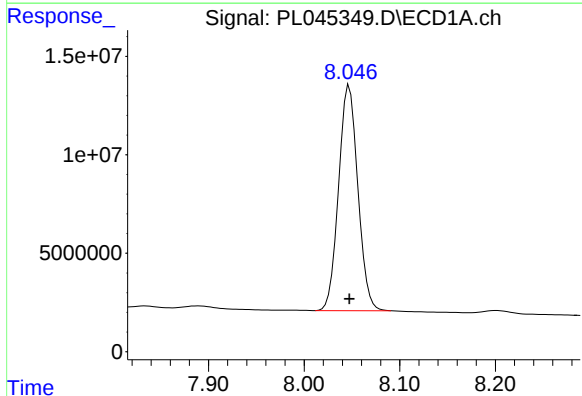
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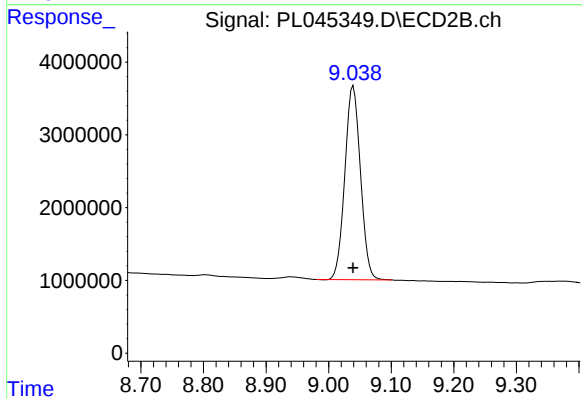
#21 Endrin ketone

R.T.: 7.711 min  
Delta R.T.: 0.000 min  
Response: 1950118  
Conc: 0.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.047 min  
Delta R.T.: 0.000 min  
Response: 160496973  
Conc: 19.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.039 min  
Delta R.T.: 0.000 min  
Response: 46362230  
Conc: 20.29 ng/ml