

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070318\  
 Data File : PL037648.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jul 2018 09:57  
 Operator : UA\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
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 7/5/2018 2:12:58 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 04 00:10:12 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|---------|
| -----                       |                 |       |       |          |          |          |         |
| System Monitoring Compounds |                 |       |       |          |          |          |         |
| 1)                          | SA Tetrachlo... | 3.334 | 3.935 | 149.4E6  | 56668213 | 18.890   | 20.482  |
| 28)                         | SA Decachlor... | 8.011 | 8.945 | 128.4E6  | 39562813 | 21.272   | 19.941  |
| Target Compounds            |                 |       |       |          |          |          |         |
| 2)                          | A alpha-BHC     | 3.763 | 4.314 | 114.9E6  | 39230304 | 9.388    | 10.110  |
| 3)                          | MA gamma-BHC... | 4.040 | 4.594 | 104.6E6  | 36556893 | 10.141   | 10.585  |
| 6)                          | B beta-BHC      | 4.294 | 4.755 | 47675510 | 16398207 | 10.453   | 10.168  |
| 12)                         | B 4,4'-DDE      | 5.449 | 6.246 | 2545289  | 506452   | 0.288m   | 0.199m# |
| 14)                         | MA Endrin       | 5.828 | 6.608 | 390.8E6  | 116.5E6  | 49.607   | 50.669  |
| 16)                         | A 4,4'-DDD      | 5.963 | 6.729 | 6834204  | 1978383  | 1.041    | 0.964m  |
| 17)                         | MA 4,4'-DDT     | 6.198 | 7.029 | 749.1E6  | 233.7E6  | 116.032  | 110.334 |
| 18)                         | B Endrin al...  | 6.269 | 6.932 | 1602628  | 660357   | 0.287m   | 0.328m  |
| 20)                         | A Methoxychlor  | 6.745 | 7.484 | 865.4E6  | 294.7E6  | 254.614m | 263.261 |
| 21)                         | B Endrin ke...  | 6.965 | 7.617 | 7014281  | 2662388  | 0.986    | 1.312m# |
| -----                       |                 |       |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070318\  
Data File : PL037648.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2018 09:57  
Operator : UA\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

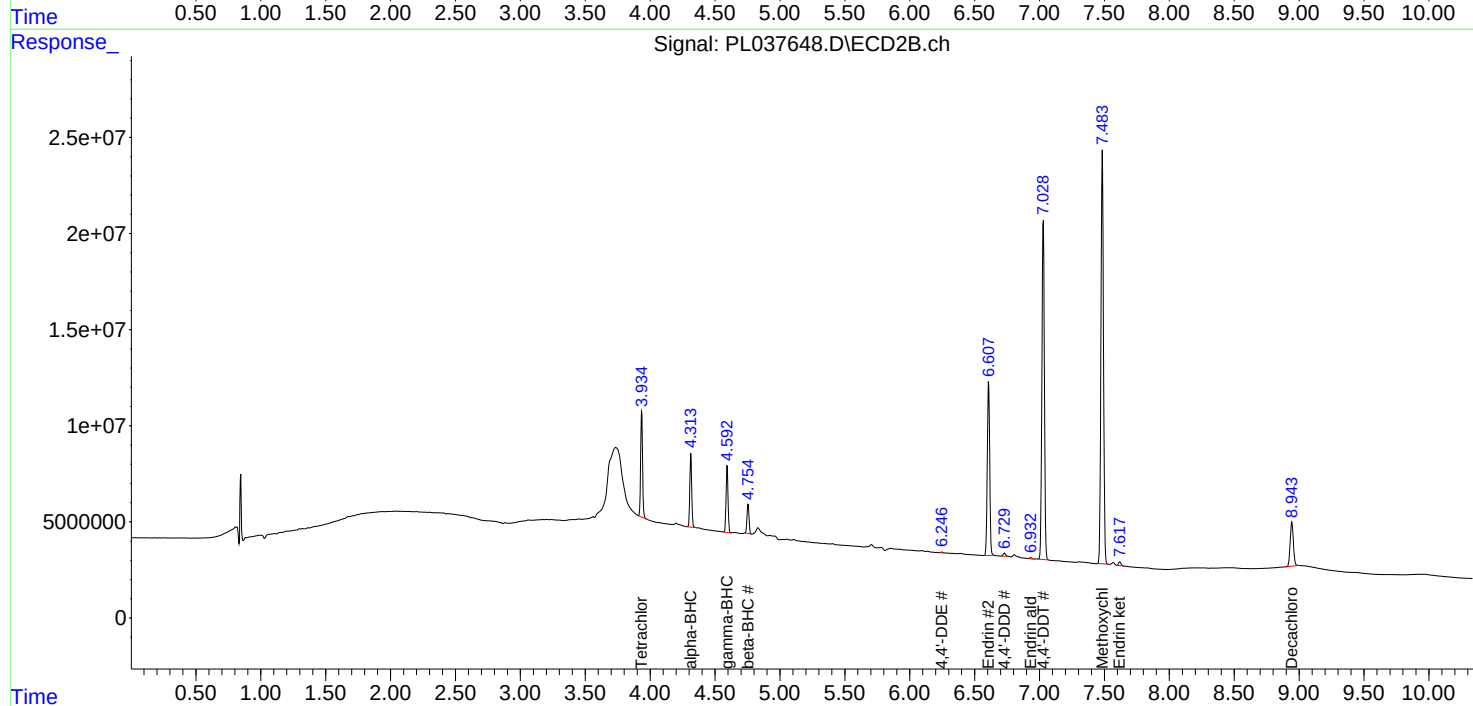
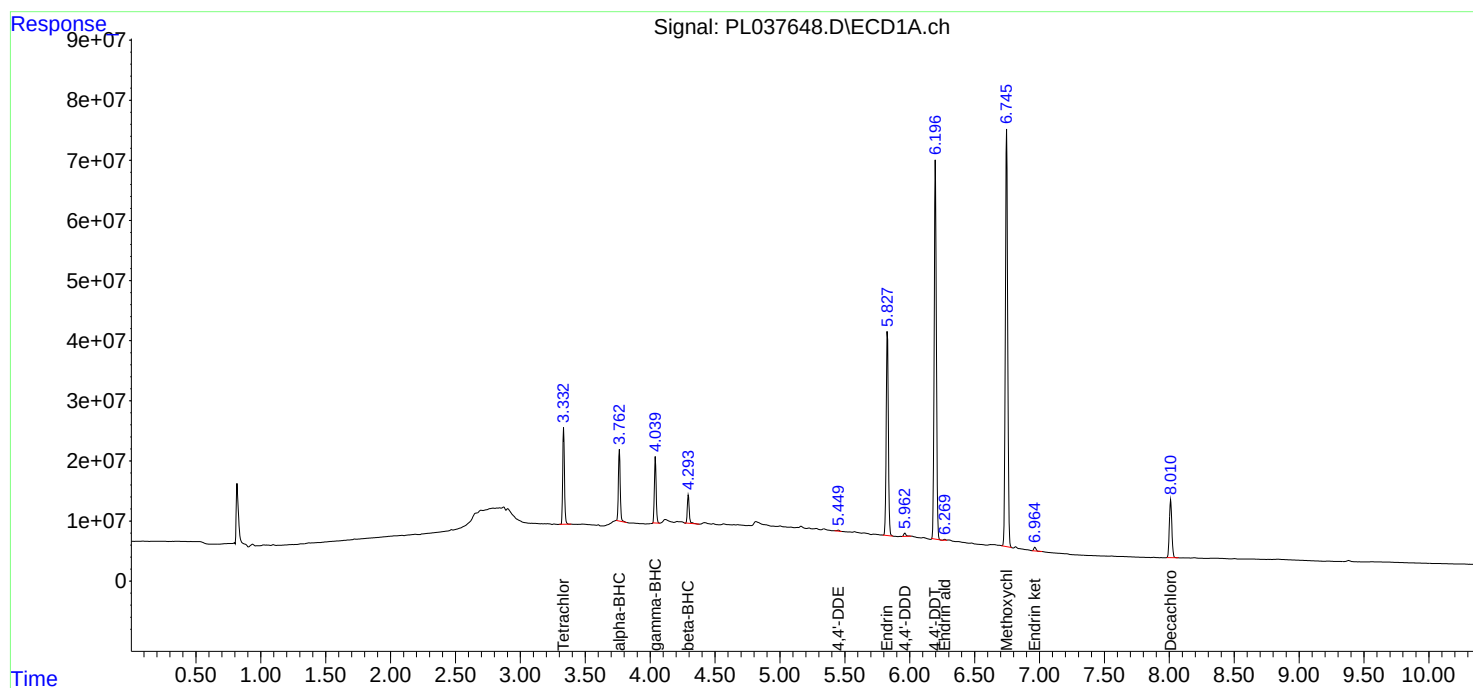
Instrument :  
ECD\_L  
ClientSampled :  
PEM

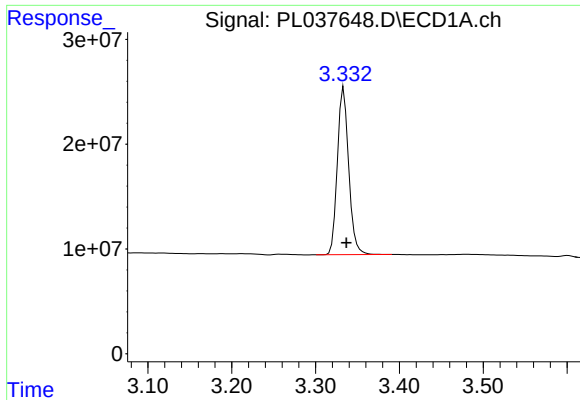
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 00:10:12 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





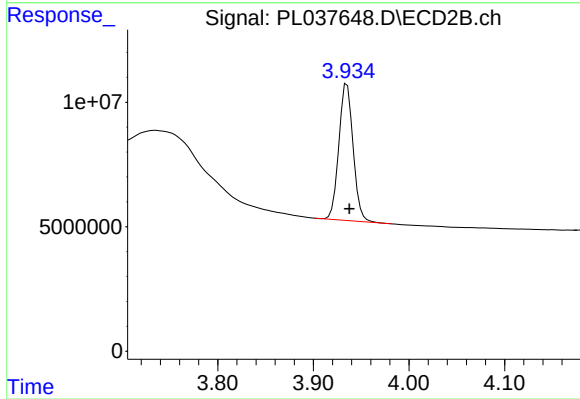
#1 Tetrachloro-m-xylene

R.T.: 3.334 min  
Delta R.T.: -0.003 min  
Response: 149423432  
Conc: 18.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

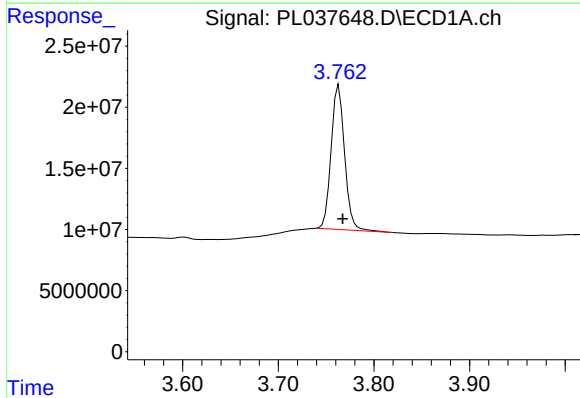
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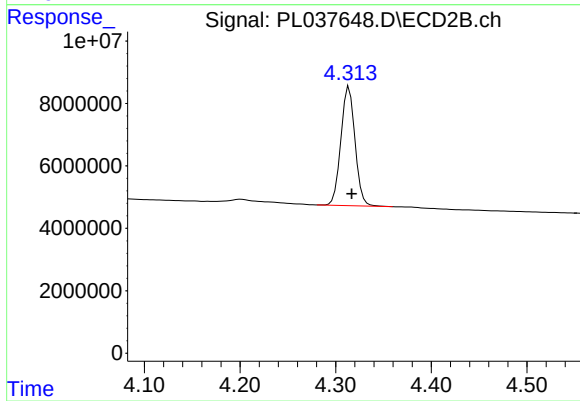
#1 Tetrachloro-m-xylene

R.T.: 3.935 min  
Delta R.T.: -0.002 min  
Response: 56668213  
Conc: 20.48 ng/ml



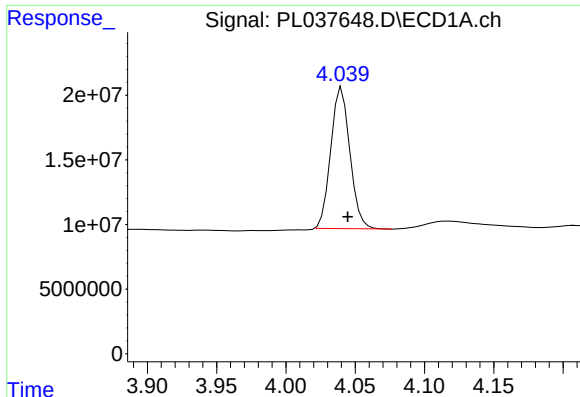
#2 alpha-BHC

R.T.: 3.763 min  
Delta R.T.: -0.004 min  
Response: 114931022  
Conc: 9.39 ng/ml



#2 alpha-BHC

R.T.: 4.314 min  
Delta R.T.: -0.003 min  
Response: 39230304  
Conc: 10.11 ng/ml



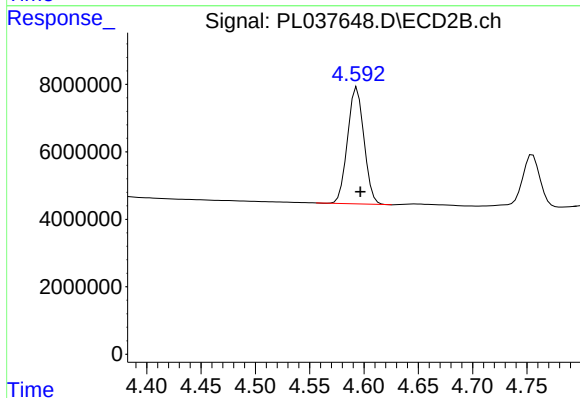
#3 gamma-BHC (Lindane)

R.T.: 4.040 min  
Delta R.T.: -0.004 min  
Response: 104603992  
Conc: 10.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

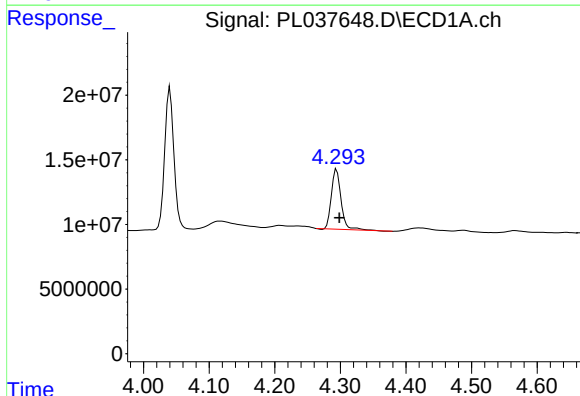
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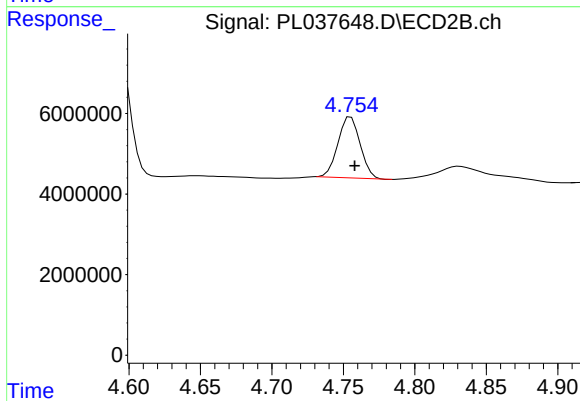
#3 gamma-BHC (Lindane)

R.T.: 4.594 min  
Delta R.T.: -0.003 min  
Response: 36556893  
Conc: 10.58 ng/ml



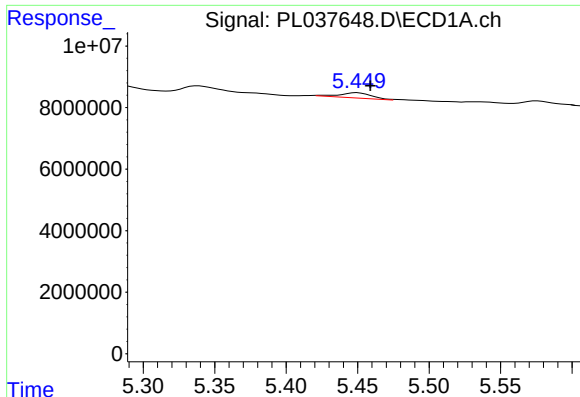
#6 beta-BHC

R.T.: 4.294 min  
Delta R.T.: -0.004 min  
Response: 47675510  
Conc: 10.45 ng/ml



#6 beta-BHC

R.T.: 4.755 min  
Delta R.T.: -0.003 min  
Response: 16398207  
Conc: 10.17 ng/ml



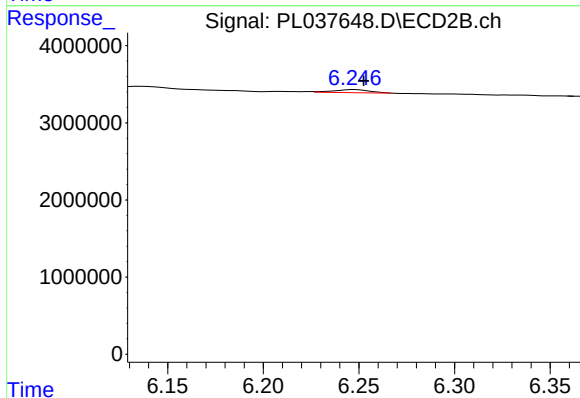
#12 4,4'-DDE

R.T.: 5.449 min  
Delta R.T.: -0.010 min  
Response: 2545289  
Conc: 0.29 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

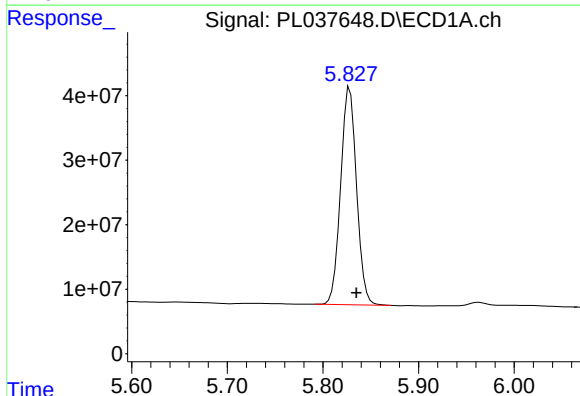
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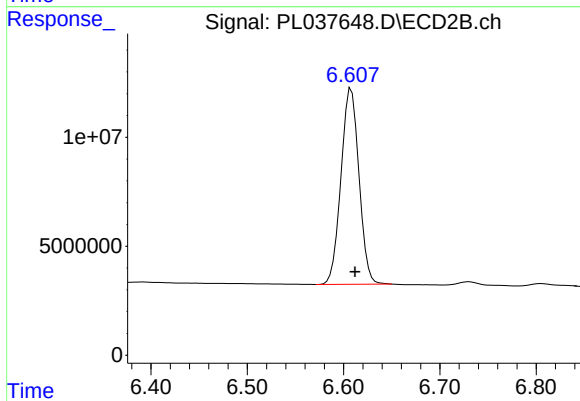
#12 4,4'-DDE

R.T.: 6.246 min  
Delta R.T.: -0.006 min  
Response: 506452  
Conc: 0.20 ng/ml m



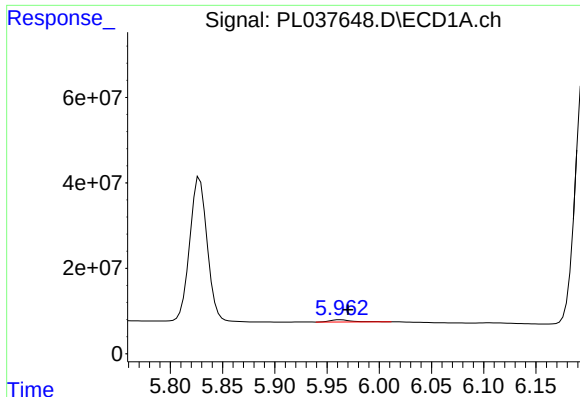
#14 Endrin

R.T.: 5.828 min  
Delta R.T.: -0.007 min  
Response: 390782127  
Conc: 49.61 ng/ml



#14 Endrin

R.T.: 6.608 min  
Delta R.T.: -0.004 min  
Response: 116502760  
Conc: 50.67 ng/ml



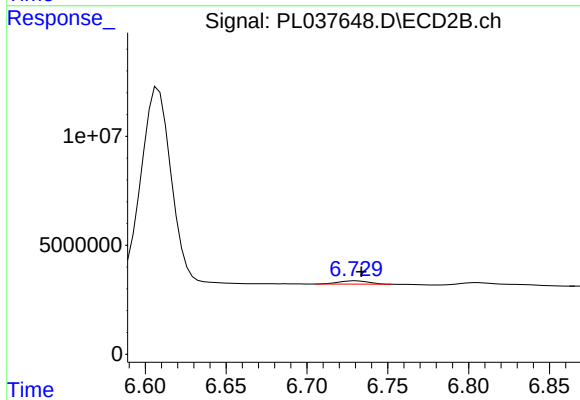
#16 4,4'-DDD

R.T.: 5.963 min  
Delta R.T.: -0.007 min  
Response: 6834204  
Conc: 1.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

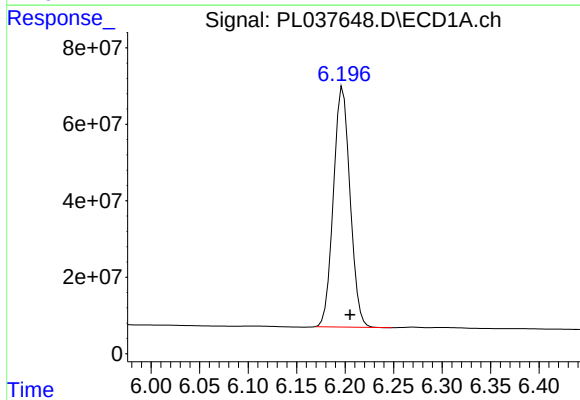
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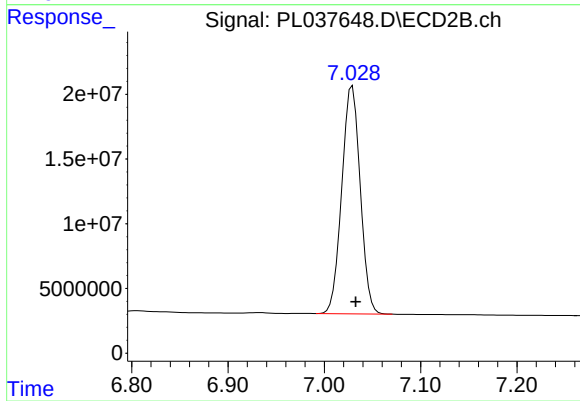
#16 4,4'-DDD

R.T.: 6.729 min  
Delta R.T.: -0.005 min  
Response: 1978383  
Conc: 0.96 ng/ml m



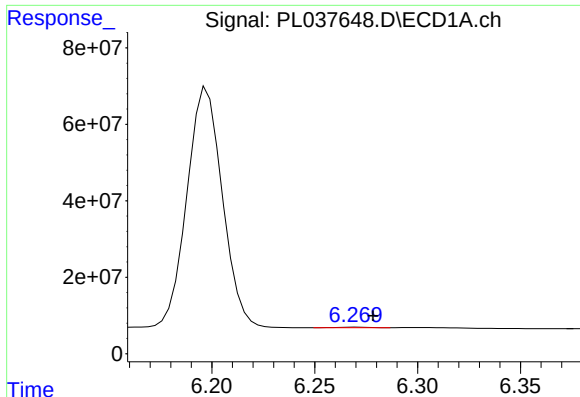
#17 4,4'-DDT

R.T.: 6.198 min  
Delta R.T.: -0.007 min  
Response: 749139828  
Conc: 116.03 ng/ml



#17 4,4'-DDT

R.T.: 7.029 min  
Delta R.T.: -0.003 min  
Response: 233707270  
Conc: 110.33 ng/ml



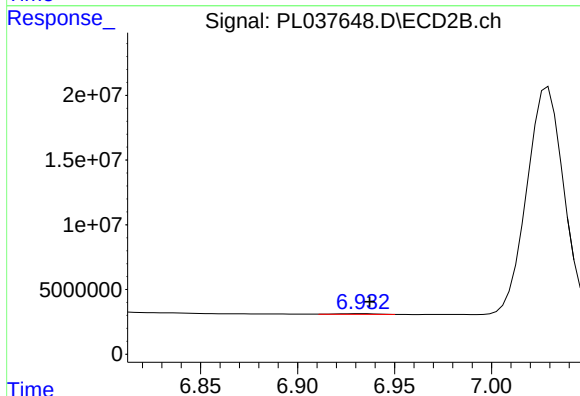
#18 Endrin aldehyde

R.T.: 6.269 min  
Delta R.T.: -0.010 min  
Response: 1602628  
Conc: 0.29 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

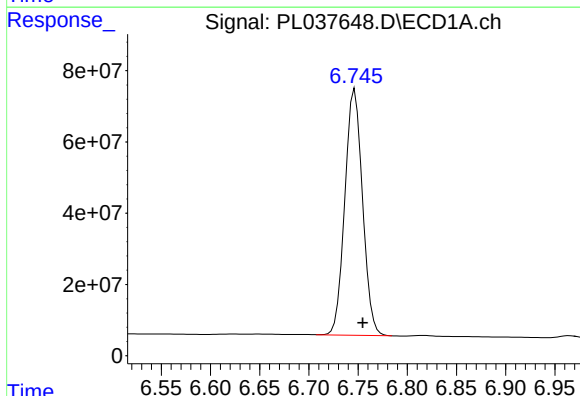
Manual Integrations  
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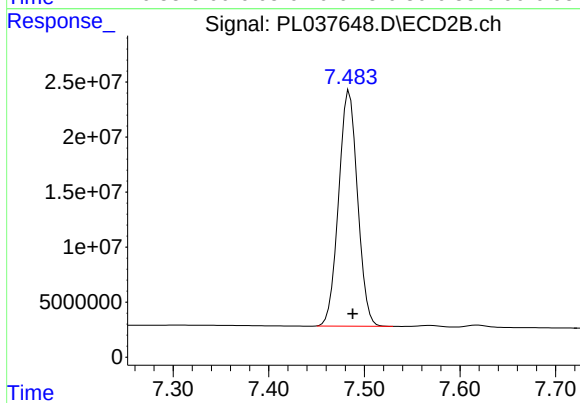
#18 Endrin aldehyde

R.T.: 6.932 min  
Delta R.T.: -0.005 min  
Response: 660357  
Conc: 0.33 ng/ml m



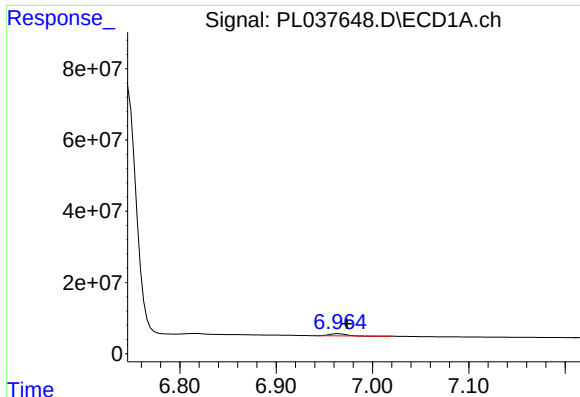
#20 Methoxychlor

R.T.: 6.745 min  
Delta R.T.: -0.009 min  
Response: 865431272  
Conc: 254.61 ng/ml m



#20 Methoxychlor

R.T.: 7.484 min  
Delta R.T.: -0.004 min  
Response: 294680402  
Conc: 263.26 ng/ml



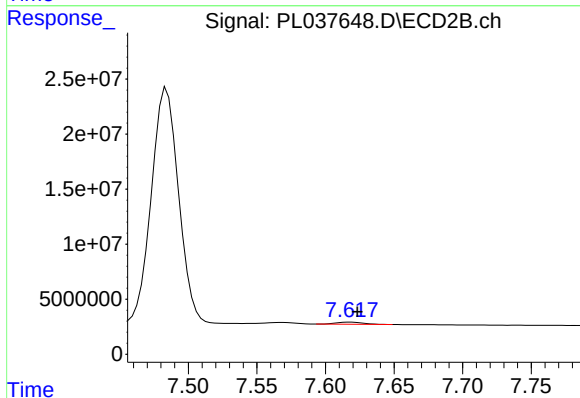
#21 Endrin ketone

R.T.: 6.965 min  
Delta R.T.: -0.008 min  
Response: 7014281  
Conc: 0.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

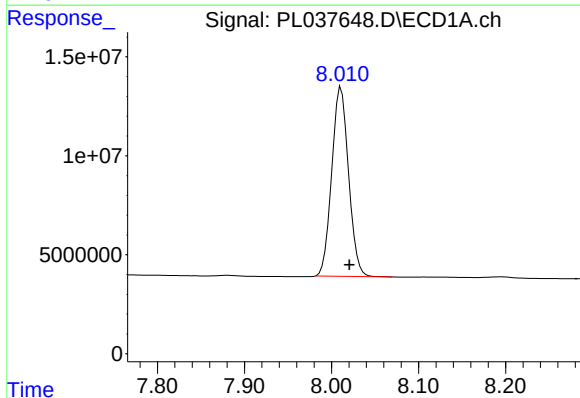
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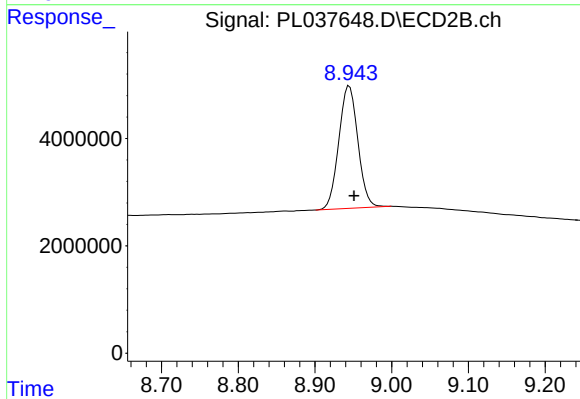
#21 Endrin ketone

R.T.: 7.617 min  
Delta R.T.: -0.006 min  
Response: 2662388  
Conc: 1.31 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.011 min  
Delta R.T.: -0.010 min  
Response: 128354615  
Conc: 21.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.945 min  
Delta R.T.: -0.006 min  
Response: 39562813  
Conc: 19.94 ng/ml