

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032319\  
 Data File : PL046355.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Mar 2019 08:51  
 Operator : AJ\SJ  
 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: Mar 25 04:30:33 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 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... | 3.360 | 3.979 | 154.0E6  | 46127366 | 21.173  | 20.146  |
| 28)                         | SA Decachlor... | 8.042 | 9.037 | 188.4E6  | 51397624 | 22.395  | 22.169  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.789 | 4.369 | 109.6E6  | 27815307 | 9.401   | 8.656   |
| 3)                          | MA gamma-BHC... | 4.067 | 4.653 | 100.6E6  | 27416202 | 9.360   | 9.160   |
| 6)                          | B beta-BHC      | 4.320 | 4.826 | 47137181 | 13247437 | 10.469  | 9.993   |
| 12)                         | B 4,4'-DDE      | 5.478 | 6.315 | 2010931  | 709601   | 0.218m  | 0.286m# |
| 14)                         | MA Endrin       | 5.858 | 6.682 | 472.5E6  | 113.3E6  | 50.165  | 47.424  |
| 16)                         | A 4,4'-DDD      | 5.992 | 6.806 | 5369536  | 1526651  | 0.710   | 0.759   |
| 17)                         | MA 4,4'-DDT     | 6.227 | 7.105 | 873.1E6  | 213.4E6  | 115.275 | 101.760 |
| 18)                         | B Endrin al...  | 6.298 | 7.015 | 6827943  | 1315957  | 0.911   | 0.620m# |
| 20)                         | A Methoxychlor  | 6.771 | 7.563 | 1103.0E6 | 290.2E6  | 259.548 | 227.620 |
| 21)                         | B Endrin ke...  | 6.994 | 7.709 | 12667353 | 2713757  | 1.370   | 1.092   |
| -----                       |                 |       |       |          |          |         |         |

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

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Data File : PL046355.D  
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Acq On : 23 Mar 2019 08:51  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

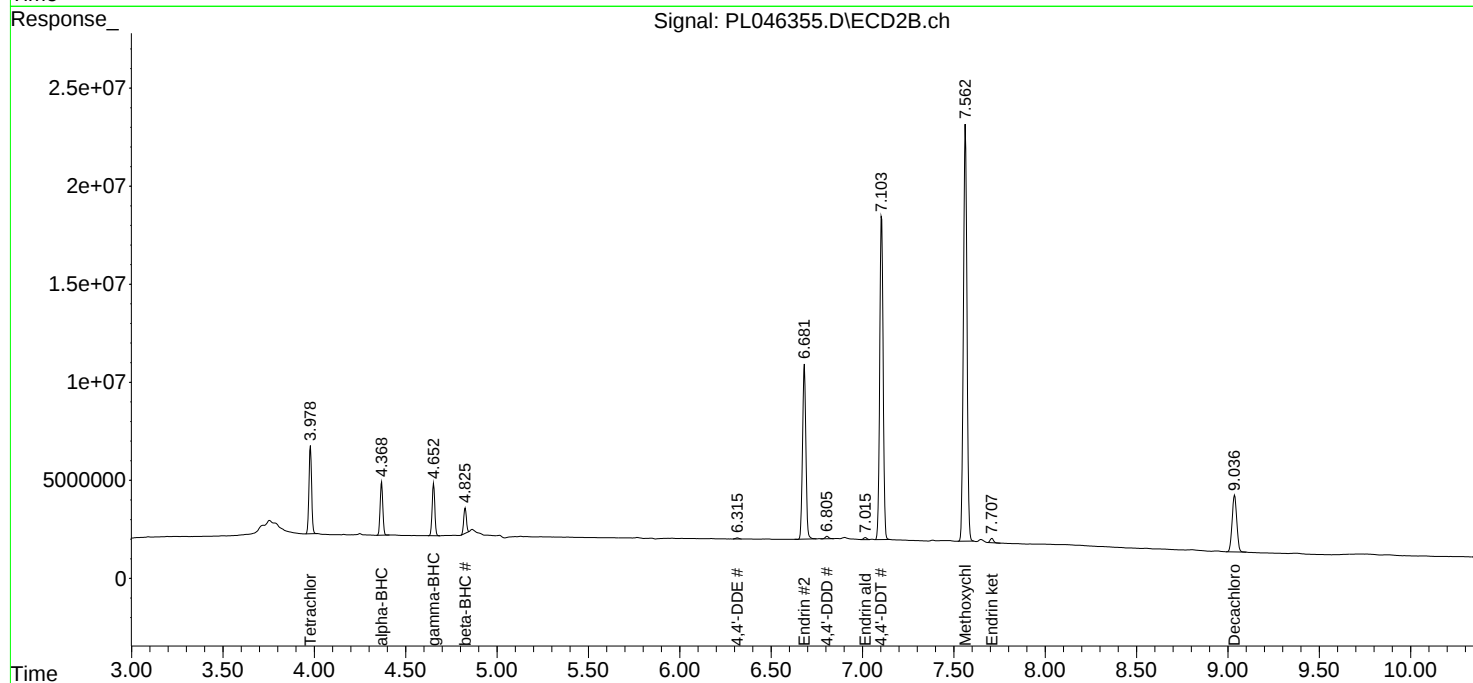
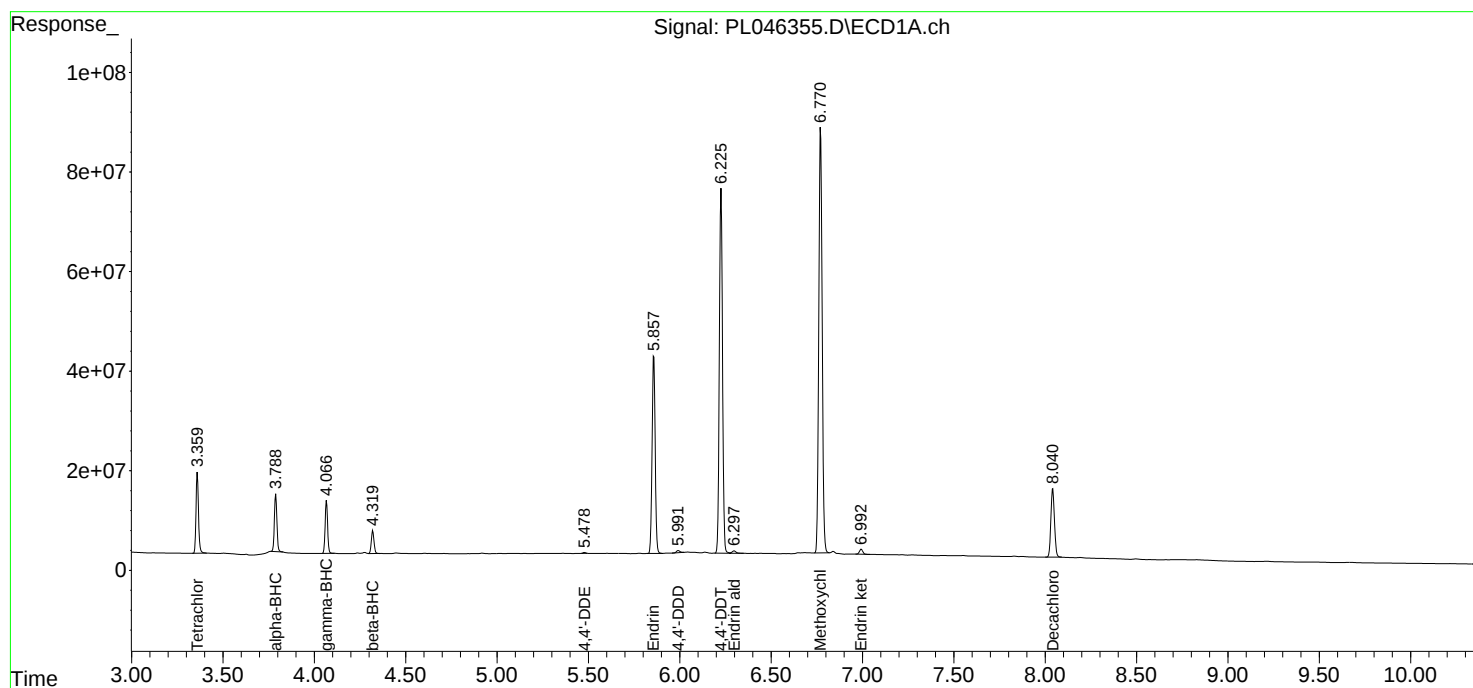
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

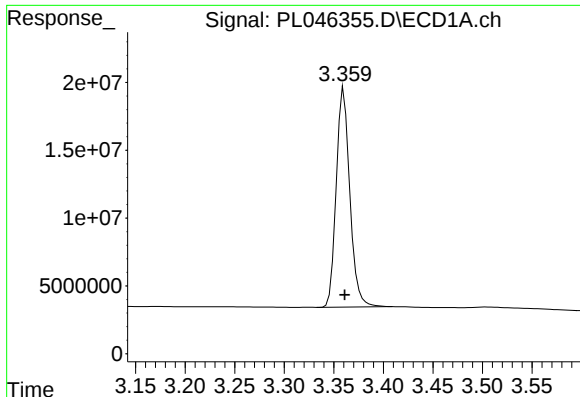
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 25 04:30:33 2019  
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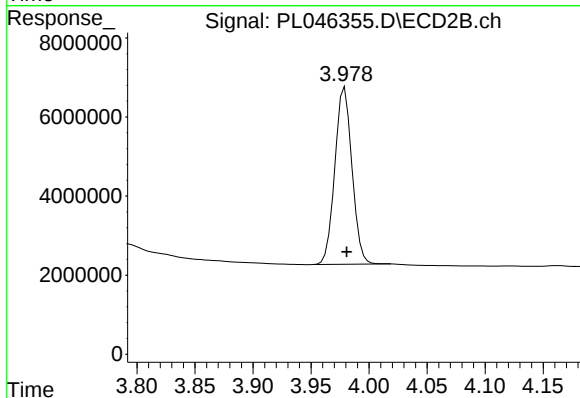
#1 Tetrachloro-m-xylene

R.T.: 3.360 min  
Delta R.T.: 0.000 min  
Response: 154029339  
Conc: 21.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

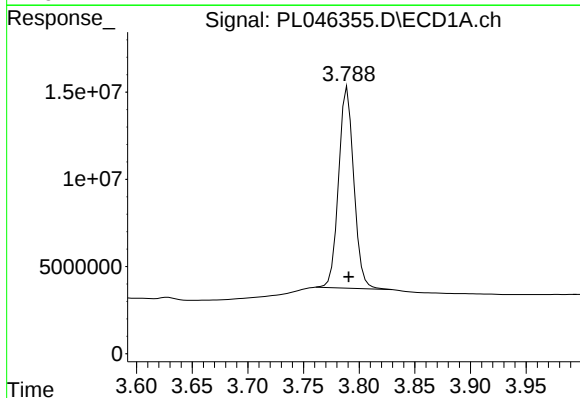
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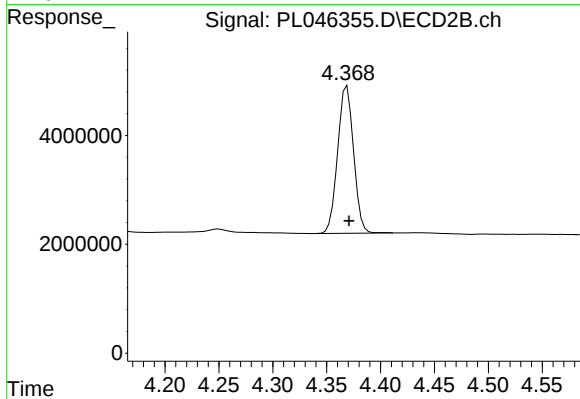
#1 Tetrachloro-m-xylene

R.T.: 3.979 min  
Delta R.T.: -0.002 min  
Response: 46127366  
Conc: 20.15 ng/ml



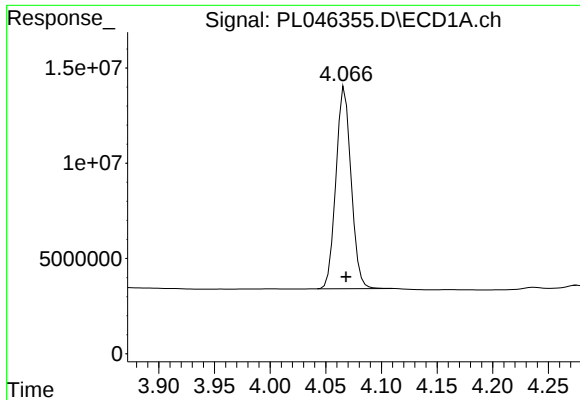
#2 alpha-BHC

R.T.: 3.789 min  
Delta R.T.: -0.001 min  
Response: 109629391  
Conc: 9.40 ng/ml



#2 alpha-BHC

R.T.: 4.369 min  
Delta R.T.: -0.002 min  
Response: 27815307  
Conc: 8.66 ng/ml



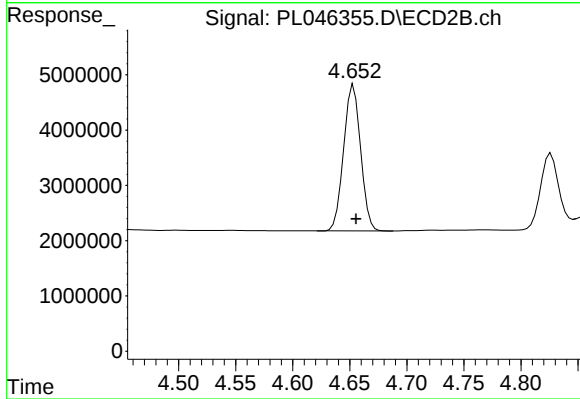
#3 gamma-BHC (Lindane)

R.T.: 4.067 min  
Delta R.T.: -0.001 min  
Response: 100565106  
Conc: 9.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

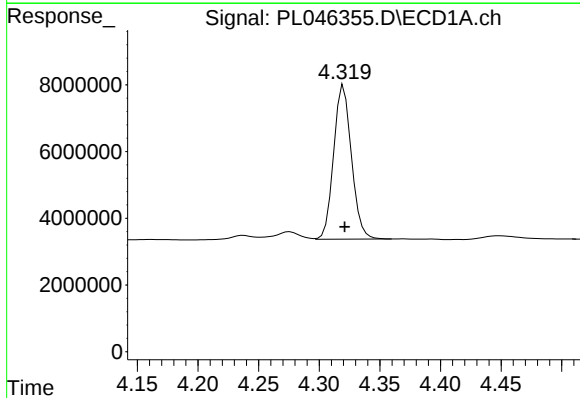
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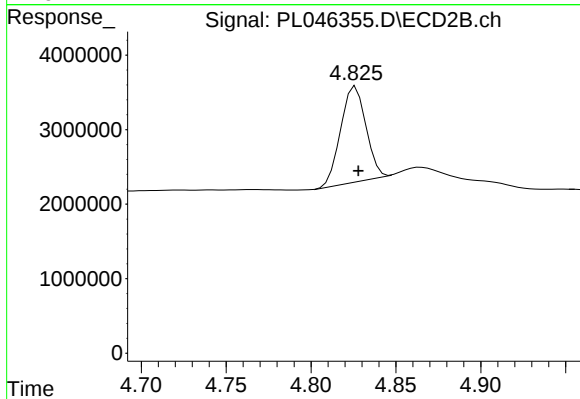
#3 gamma-BHC (Lindane)

R.T.: 4.653 min  
Delta R.T.: -0.002 min  
Response: 27416202  
Conc: 9.16 ng/ml



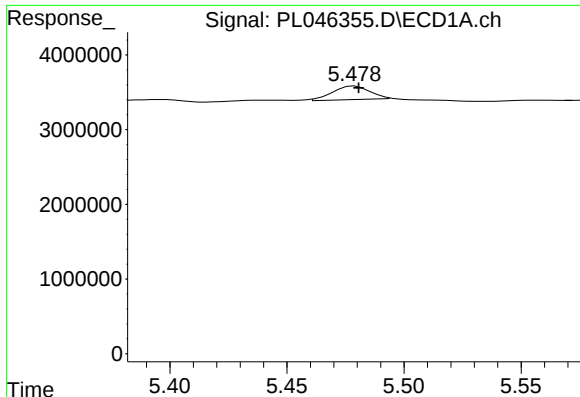
#6 beta-BHC

R.T.: 4.320 min  
Delta R.T.: 0.000 min  
Response: 47137181  
Conc: 10.47 ng/ml



#6 beta-BHC

R.T.: 4.826 min  
Delta R.T.: -0.001 min  
Response: 13247437  
Conc: 9.99 ng/ml



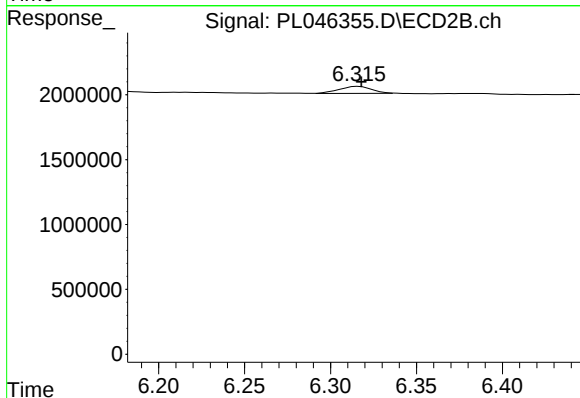
#12 4,4'-DDE

R.T.: 5.478 min  
Delta R.T.: -0.003 min  
Response: 2010931  
Conc: 0.22 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

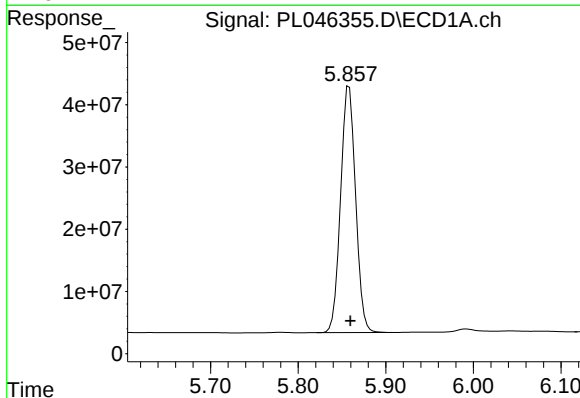
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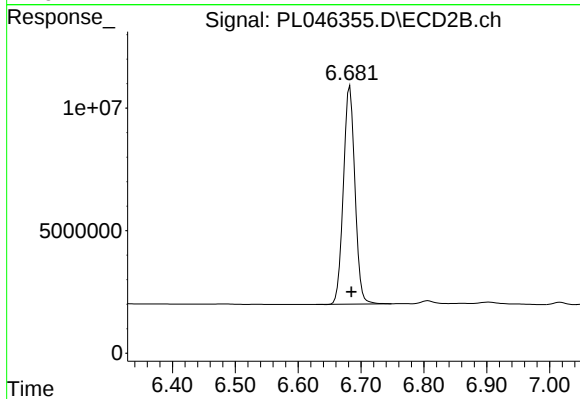
#12 4,4'-DDE

R.T.: 6.315 min  
Delta R.T.: -0.003 min  
Response: 709601  
Conc: 0.29 ng/ml m



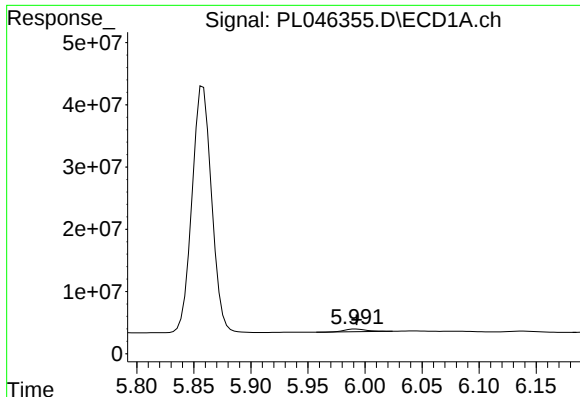
#14 Endrin

R.T.: 5.858 min  
Delta R.T.: -0.001 min  
Response: 472513698  
Conc: 50.16 ng/ml



#14 Endrin

R.T.: 6.682 min  
Delta R.T.: -0.002 min  
Response: 113331541  
Conc: 47.42 ng/ml



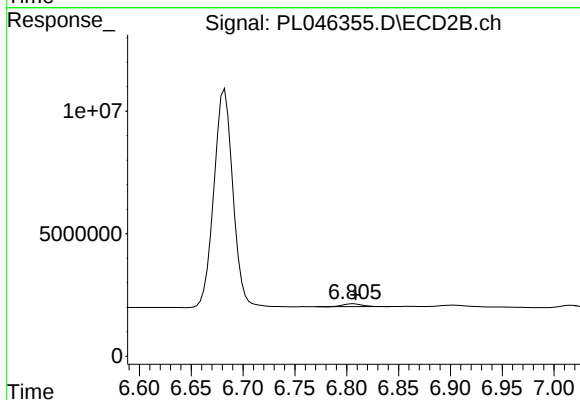
#16 4,4'-DDD

R.T.: 5.992 min  
Delta R.T.: 0.000 min  
Response: 5369536  
Conc: 0.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

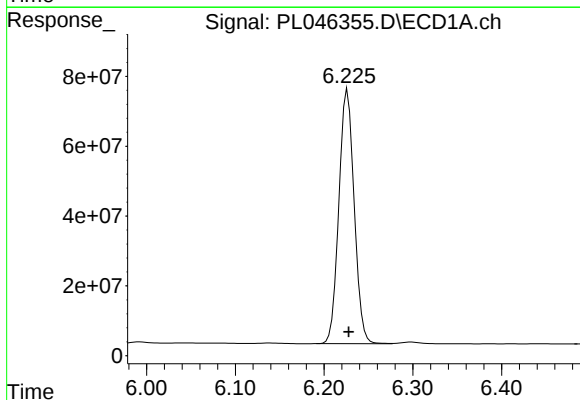
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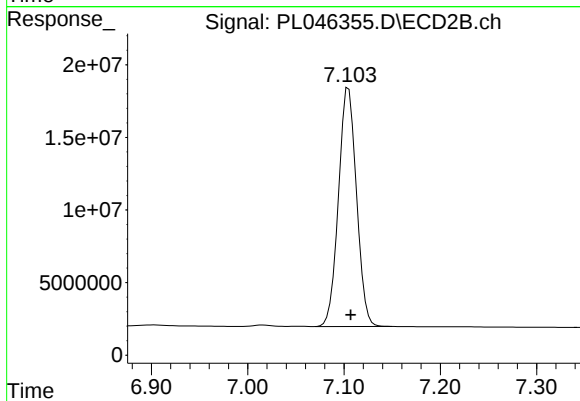
#16 4,4'-DDD

R.T.: 6.806 min  
Delta R.T.: -0.002 min  
Response: 1526651  
Conc: 0.76 ng/ml



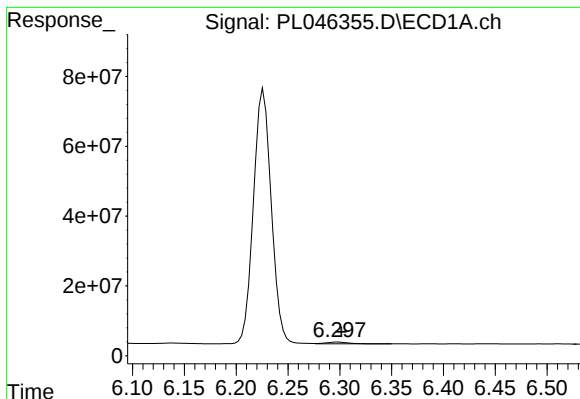
#17 4,4'-DDT

R.T.: 6.227 min  
Delta R.T.: -0.001 min  
Response: 873129329  
Conc: 115.27 ng/ml



#17 4,4'-DDT

R.T.: 7.105 min  
Delta R.T.: -0.002 min  
Response: 213385048  
Conc: 101.76 ng/ml



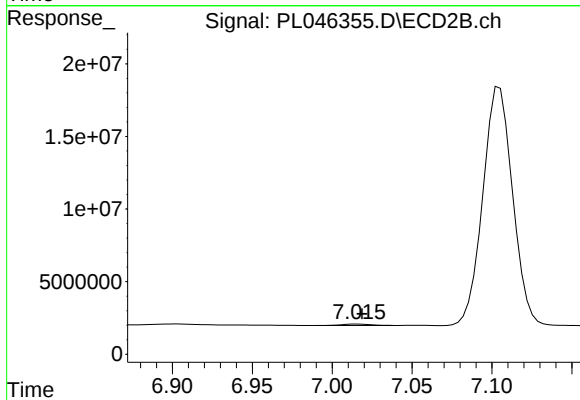
#18 Endrin aldehyde

R.T.: 6.298 min  
Delta R.T.: -0.003 min  
Response: 6827943  
Conc: 0.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

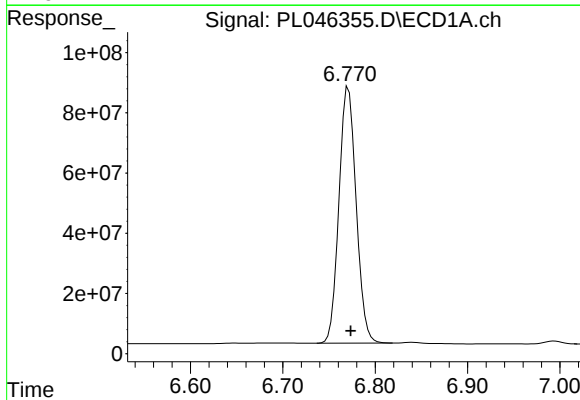
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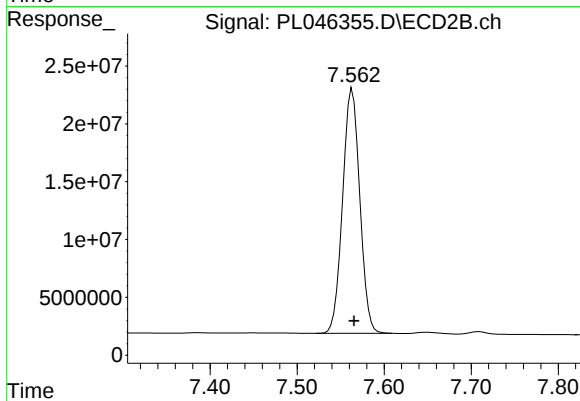
#18 Endrin aldehyde

R.T.: 7.015 min  
Delta R.T.: -0.003 min  
Response: 1315957  
Conc: 0.62 ng/ml m



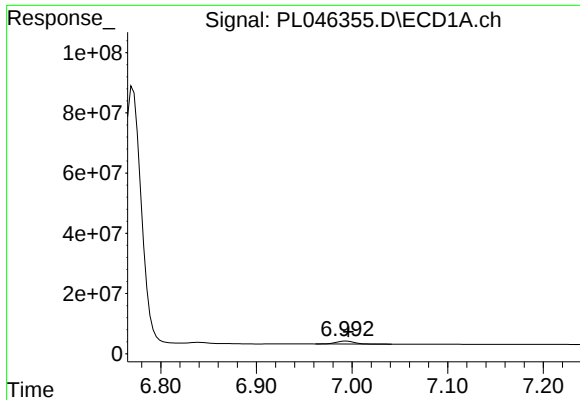
#20 Methoxychlor

R.T.: 6.771 min  
Delta R.T.: -0.002 min  
Response: 1103046501  
Conc: 259.55 ng/ml



#20 Methoxychlor

R.T.: 7.563 min  
Delta R.T.: -0.002 min  
Response: 290164162  
Conc: 227.62 ng/ml



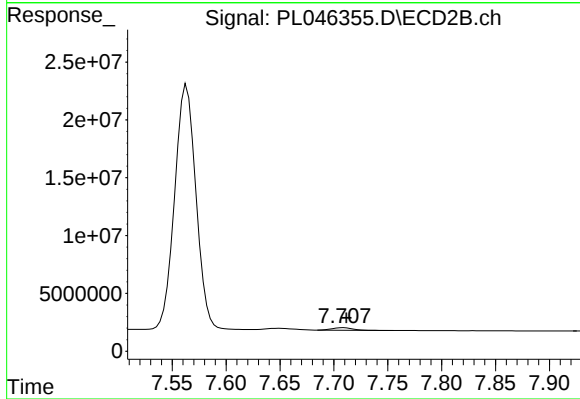
#21 Endrin ketone

R.T.: 6.994 min  
Delta R.T.: -0.003 min  
Response: 12667353  
Conc: 1.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

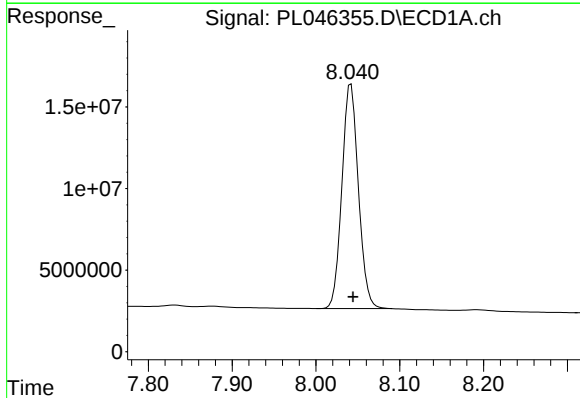
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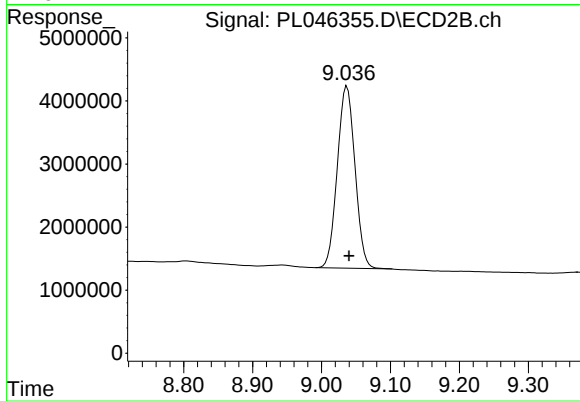
#21 Endrin ketone

R.T.: 7.709 min  
Delta R.T.: -0.003 min  
Response: 2713757  
Conc: 1.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.042 min  
Delta R.T.: -0.002 min  
Response: 188369631  
Conc: 22.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.037 min  
Delta R.T.: -0.003 min  
Response: 51397624  
Conc: 22.17 ng/ml