

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091718\  
 Data File : PL040037.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Sep 2018 01:15  
 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: Sep 18 04:06:39 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091418.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 14 23:10:39 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... | 3.300 | 3.904 | 150.2E6  | 63025394 | 19.368  | 19.752  |
| 28)                         | SA Decachlor... | 7.953 | 8.890 | 164.1E6  | 61822577 | 19.698  | 22.762  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.728 | 4.281 | 115.1E6  | 42819744 | 9.074   | 8.275   |
| 3)                          | MA gamma-BHC... | 4.003 | 4.560 | 108.5E6  | 41343073 | 9.478   | 9.082   |
| 6)                          | B beta-BHC      | 4.258 | 4.723 | 47508739 | 18451403 | 9.660   | 9.403   |
| 12)                         | B 4,4'-DDE      | 5.401 | 6.206 | 2562283  | 644025   | 0.242m  | 0.169m# |
| 14)                         | MA Endrin       | 5.777 | 6.565 | 474.1E6  | 151.6E6  | 46.203  | 46.558  |
| 16)                         | A 4,4'-DDD      | 5.913 | 6.688 | 10481184 | 2944824  | 1.209m  | 1.019m  |
| 17)                         | MA 4,4'-DDT     | 6.146 | 6.988 | 864.7E6  | 292.6E6  | 95.535  | 97.811  |
| 18)                         | B Endrin al...  | 6.218 | 6.888 | 4880457  | 1116601  | 0.637m  | 0.425m# |
| 20)                         | A Methoxychlor  | 6.694 | 7.444 | 1069.1E6 | 360.6E6  | 230.661 | 245.954 |
| 21)                         | B Endrin ke...  | 6.910 | 7.574 | 21092725 | 3438410  | 2.160m  | 1.206m# |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 18 Sep 2018 01:15  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

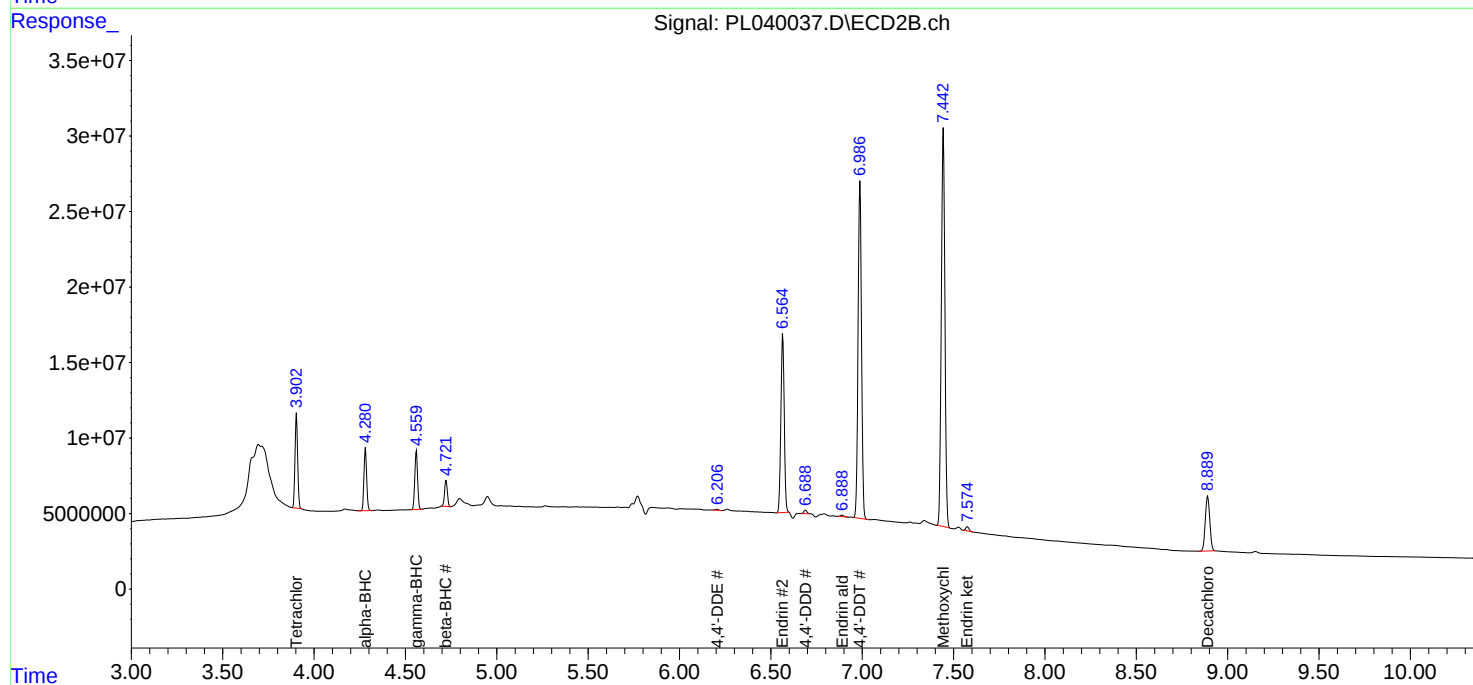
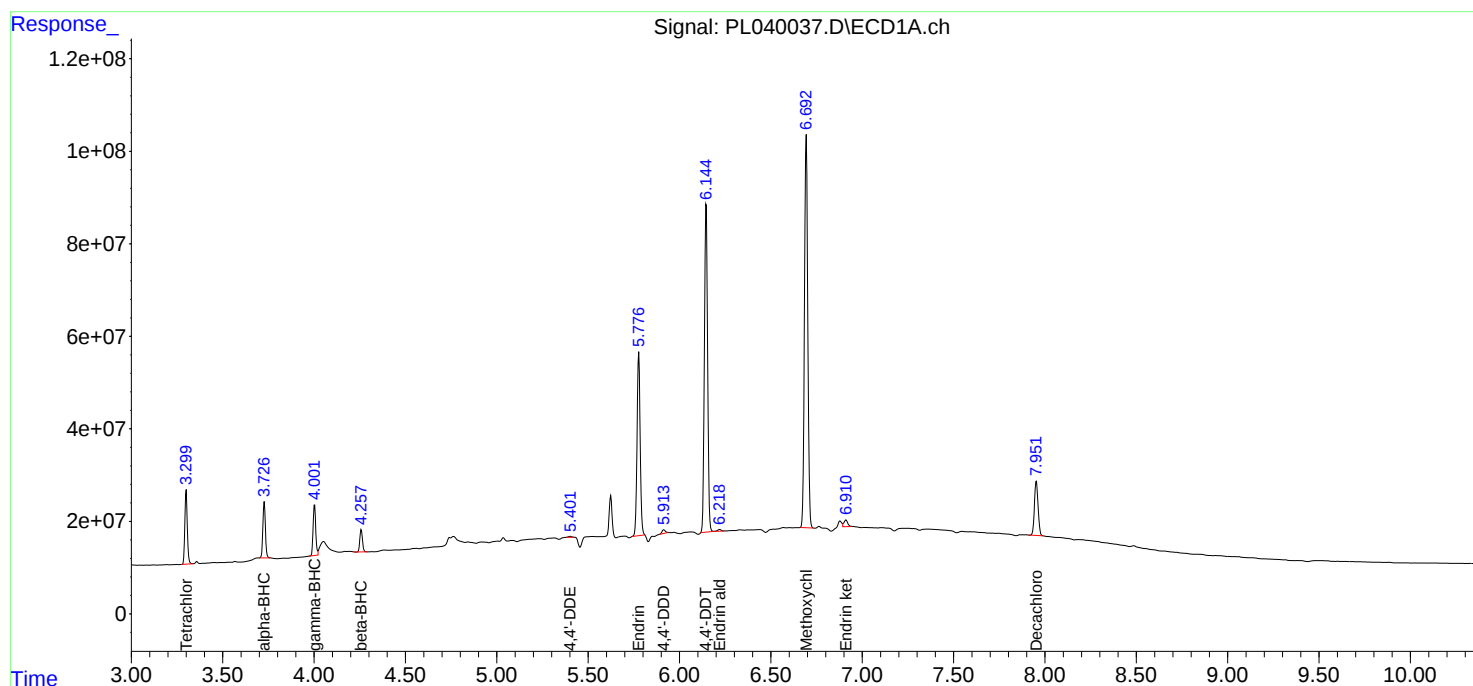
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

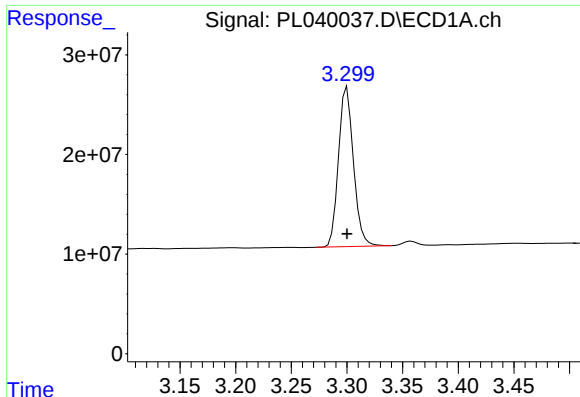
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 18 04:06:39 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091418.M  
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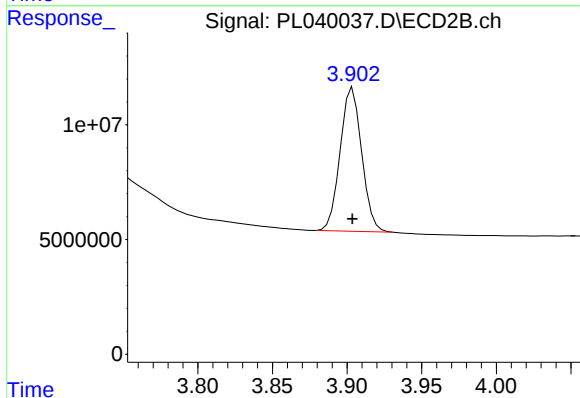
#1 Tetrachloro-m-xylene

R.T.: 3.300 min  
Delta R.T.: 0.000 min  
Response: 150193087  
Conc: 19.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

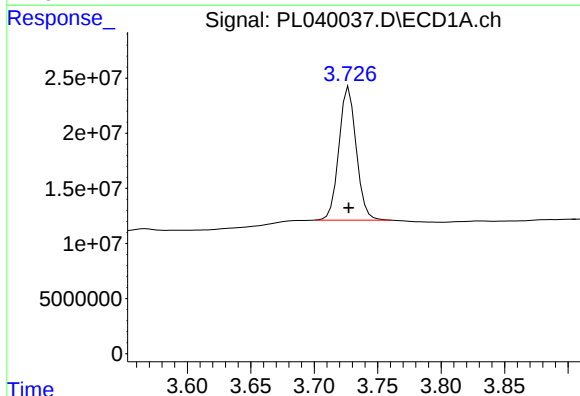
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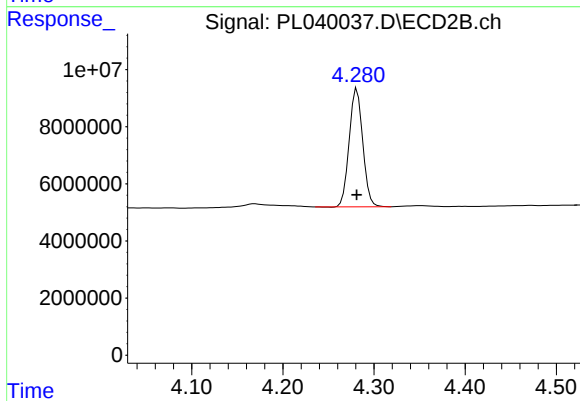
#1 Tetrachloro-m-xylene

R.T.: 3.904 min  
Delta R.T.: 0.000 min  
Response: 63025394  
Conc: 19.75 ng/ml



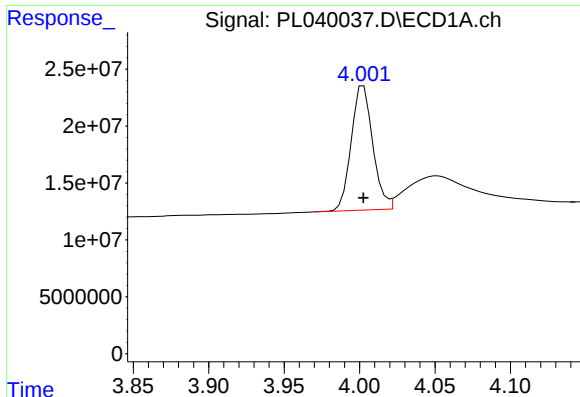
#2 alpha-BHC

R.T.: 3.728 min  
Delta R.T.: 0.000 min  
Response: 115120004  
Conc: 9.07 ng/ml



#2 alpha-BHC

R.T.: 4.281 min  
Delta R.T.: 0.000 min  
Response: 42819744  
Conc: 8.27 ng/ml



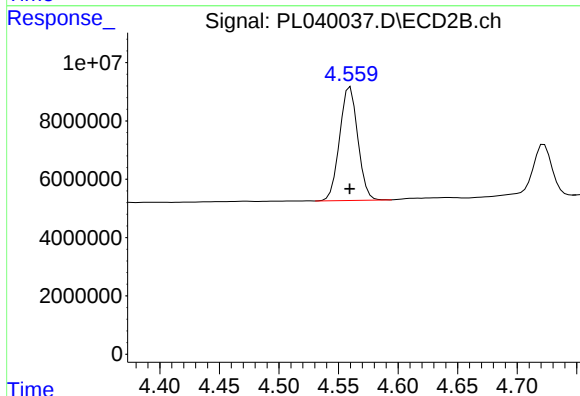
#3 gamma-BHC (Lindane)

R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 108464798  
Conc: 9.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

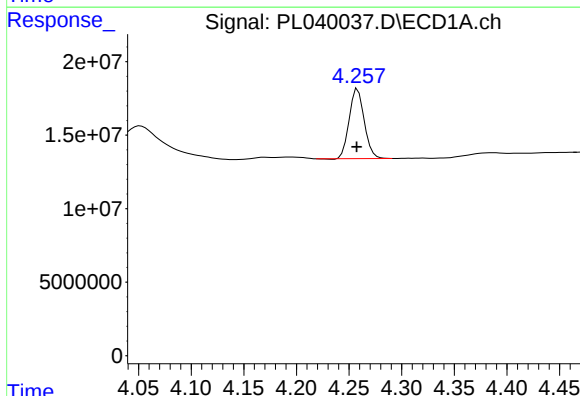
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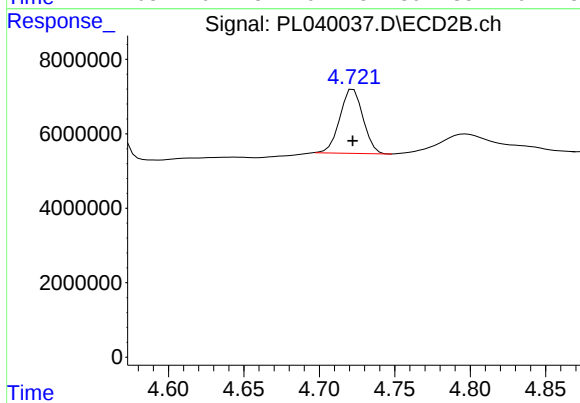
#3 gamma-BHC (Lindane)

R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 41343073  
Conc: 9.08 ng/ml



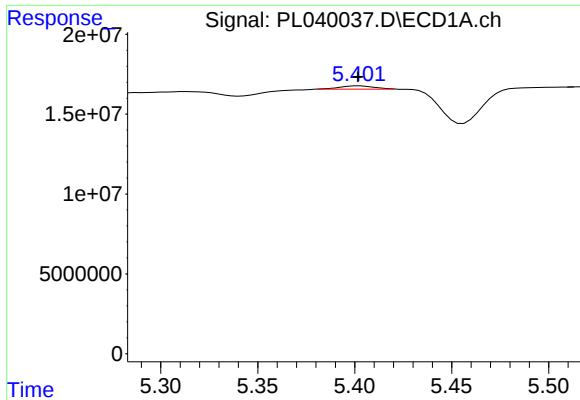
#6 beta-BHC

R.T.: 4.258 min  
Delta R.T.: 0.000 min  
Response: 47508739  
Conc: 9.66 ng/ml



#6 beta-BHC

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 18451403  
Conc: 9.40 ng/ml



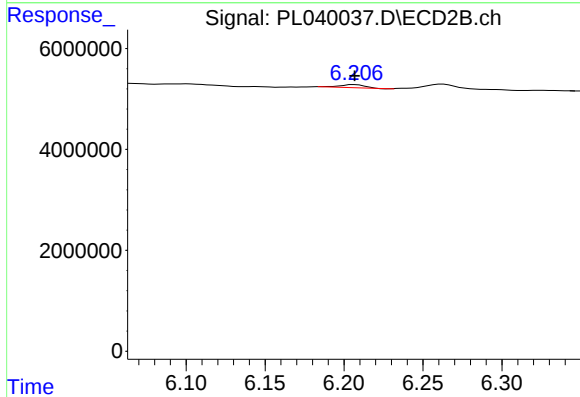
#12 4,4'-DDE

R.T.: 5.401 min  
Delta R.T.: 0.000 min  
Response: 2562283  
Conc: 0.24 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

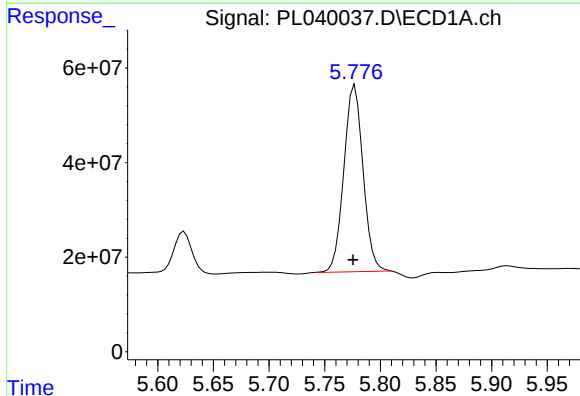
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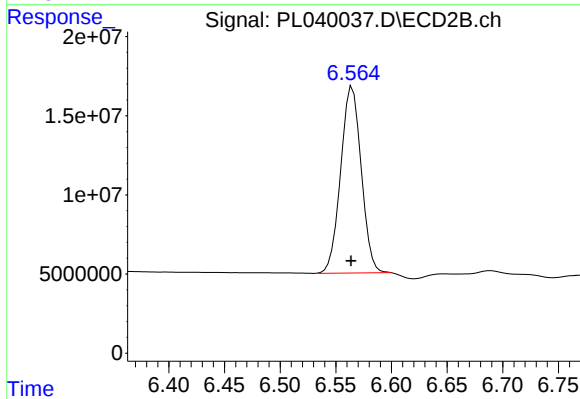
#12 4,4'-DDE

R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 644025  
Conc: 0.17 ng/ml m



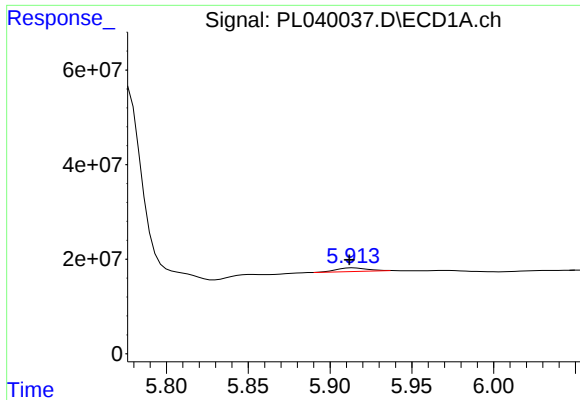
#14 Endrin

R.T.: 5.777 min  
Delta R.T.: 0.002 min  
Response: 474108424  
Conc: 46.20 ng/ml



#14 Endrin

R.T.: 6.565 min  
Delta R.T.: 0.001 min  
Response: 151565896  
Conc: 46.56 ng/ml



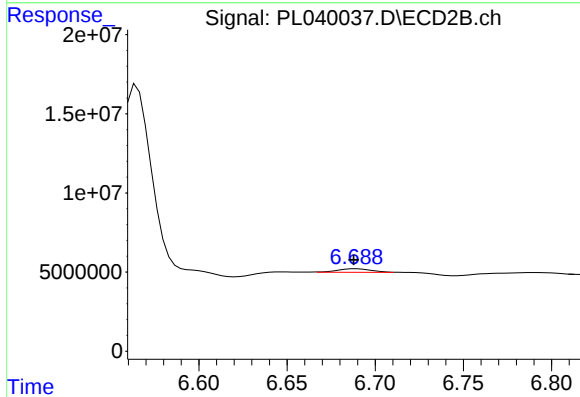
#16 4,4'-DDD

R.T.: 5.913 min  
Delta R.T.: 0.000 min  
Response: 10481184  
Conc: 1.21 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

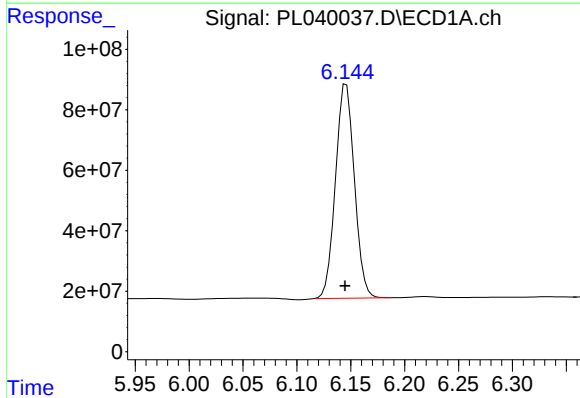
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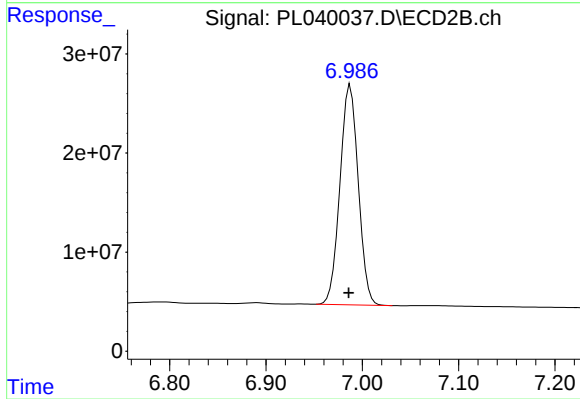
#16 4,4'-DDD

R.T.: 6.688 min  
Delta R.T.: 0.000 min  
Response: 2944824  
Conc: 1.02 ng/ml m



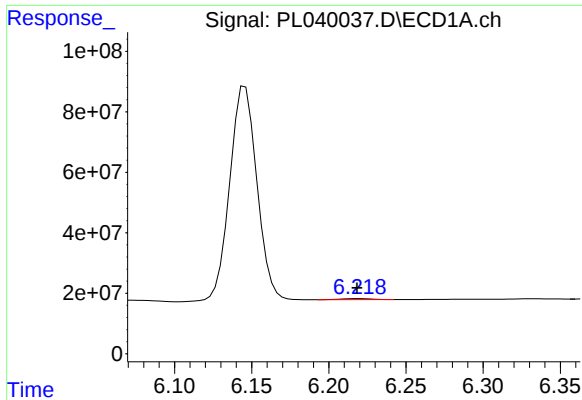
#17 4,4'-DDT

R.T.: 6.146 min  
Delta R.T.: 0.001 min  
Response: 864721844  
Conc: 95.54 ng/ml



#17 4,4'-DDT

R.T.: 6.988 min  
Delta R.T.: 0.002 min  
Response: 292623600  
Conc: 97.81 ng/ml



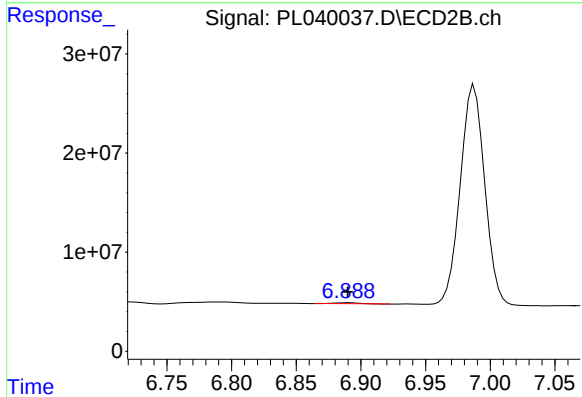
#18 Endrin aldehyde

R.T.: 6.218 min  
Delta R.T.: 0.000 min  
Response: 4880457  
Conc: 0.64 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

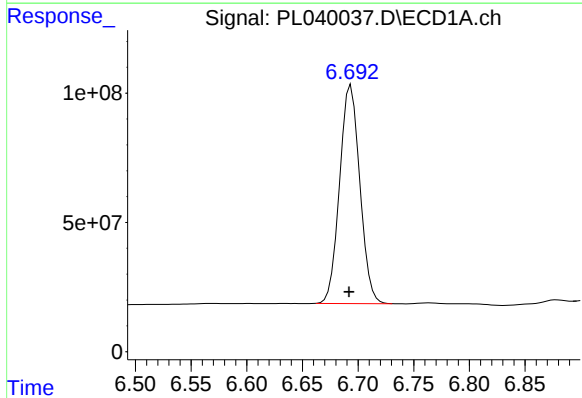
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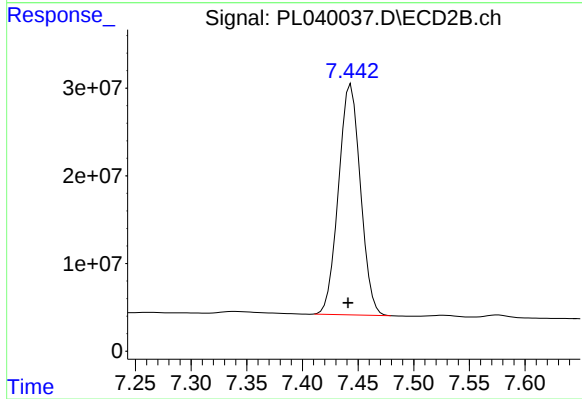
#18 Endrin aldehyde

R.T.: 6.888 min  
Delta R.T.: -0.001 min  
Response: 1116601  
Conc: 0.43 ng/ml m



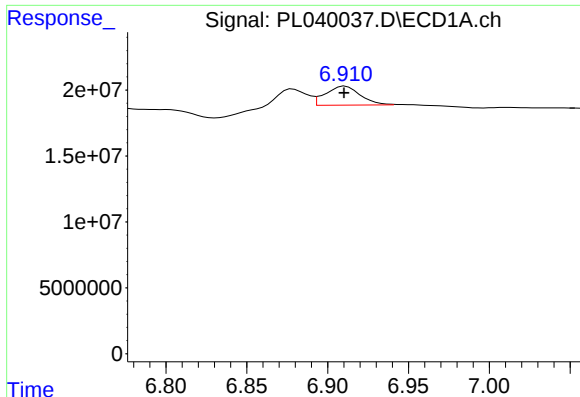
#20 Methoxychlor

R.T.: 6.694 min  
Delta R.T.: 0.002 min  
Response: 1069141910  
Conc: 230.66 ng/ml



#20 Methoxychlor

R.T.: 7.444 min  
Delta R.T.: 0.003 min  
Response: 360633093  
Conc: 245.95 ng/ml



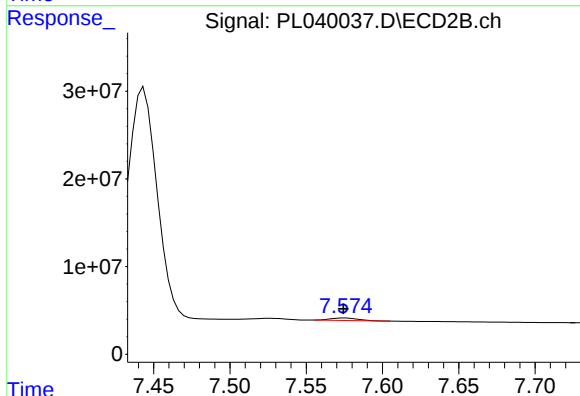
#21 Endrin ketone

R.T.: 6.910 min  
Delta R.T.: 0.000 min  
Response: 21092725  
Conc: 2.16 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

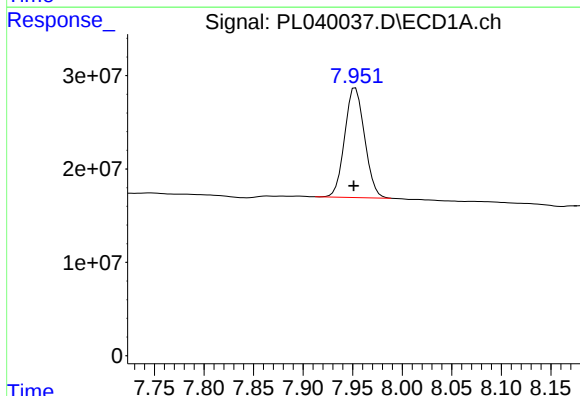
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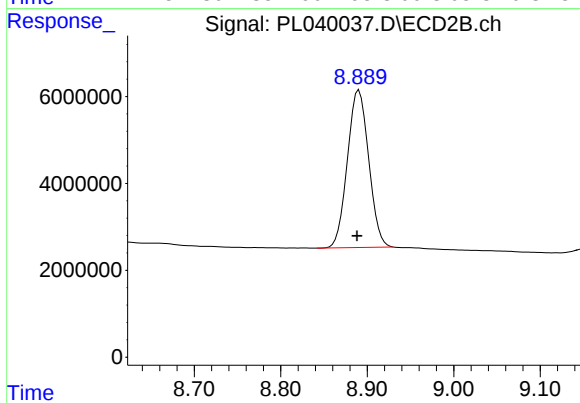
#21 Endrin ketone

R.T.: 7.574 min  
Delta R.T.: 0.000 min  
Response: 3438410  
Conc: 1.21 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.953 min  
Delta R.T.: 0.002 min  
Response: 164136909  
Conc: 19.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.890 min  
Delta R.T.: 0.002 min  
Response: 61822577  
Conc: 22.76 ng/ml