

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092618\  
 Data File : PL040412.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Sep 2018 09:06  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Sohil  
 9/28/2018 9:52:45 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 11:05:20 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 27 01:27:39 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... | 3.212 | 3.807 | 167.9E6  | 67142129 | 22.940  | 21.262  |
| 28)                         | SA Decachlor... | 7.816 | 8.730 | 213.9E6  | 68569633 | 22.503  | 21.653  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.633 | 4.178 | 128.9E6  | 45852952 | 11.018  | 9.671   |
| 3)                          | MA gamma-BHC... | 3.903 | 4.452 | 121.2E6  | 45548172 | 11.151  | 10.037  |
| 6)                          | B beta-BHC      | 4.157 | 4.615 | 54950410 | 20490439 | 13.019  | 10.255  |
| 12)                         | B 4,4'-DDE      | 5.281 | 6.081 | 3617908  | 1226973  | 0.327m  | 0.305m  |
| 14)                         | MA Endrin       | 5.649 | 6.433 | 536.1E6  | 156.4E6  | 53.971  | 47.863  |
| 16)                         | A 4,4'-DDD      | 5.788 | 6.560 | 14003613 | 2285301  | 1.517m  | 0.719m# |
| 17)                         | MA 4,4'-DDT     | 6.020 | 6.858 | 975.6E6  | 320.9E6  | 120.642 | 105.319 |
| 18)                         | B Endrin al...  | 6.089 | 6.757 | 16623912 | 4541866  | 1.980m  | 1.517m  |
| 20)                         | A Methoxychlor  | 6.566 | 7.314 | 1267.0E6 | 391.8E6  | 262.309 | 257.124 |
| 21)                         | B Endrin ke...  | 6.773 | 7.436 | 31935987 | 6920264  | 2.943m  | 2.251m  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092618\  
Data File : PL040412.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Sep 2018 09:06  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

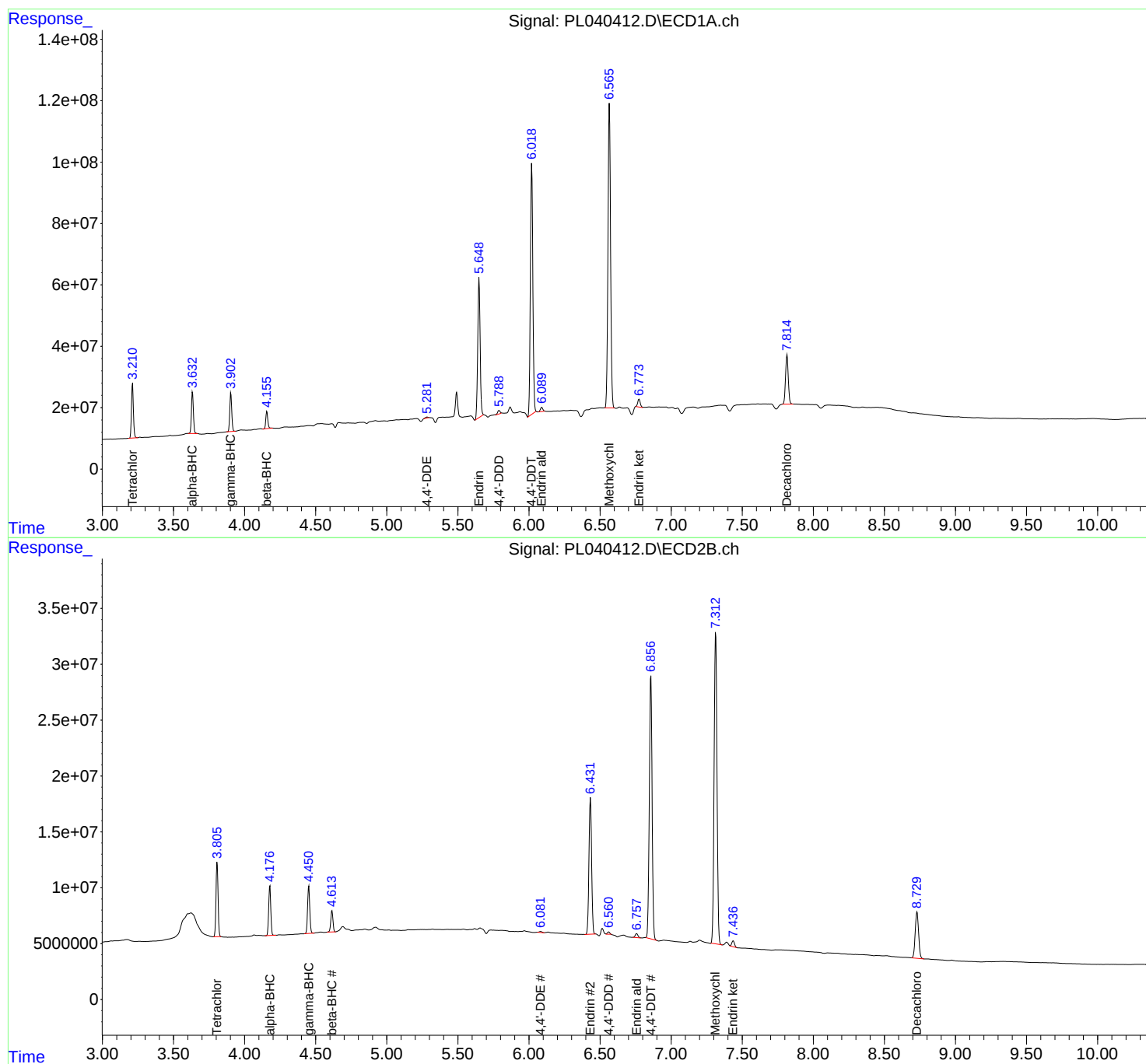
Instrument :  
ECD\_L  
ClientSampled :  
PEM

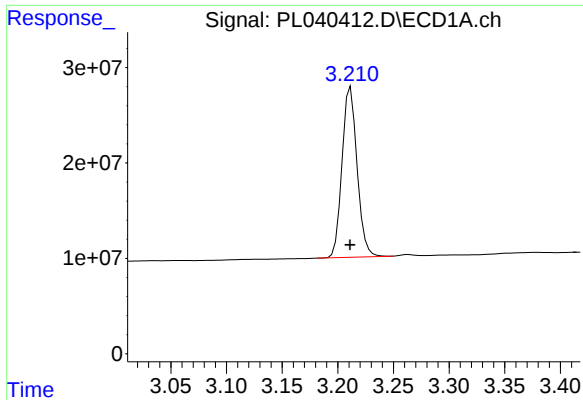
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 11:05:20 2018  
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





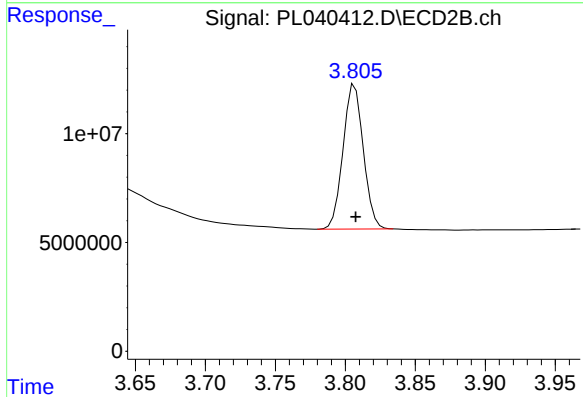
#1 Tetrachloro-m-xylene

R.T.: 3.212 min  
Delta R.T.: 0.000 min  
Response: 167920694  
Conc: 22.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

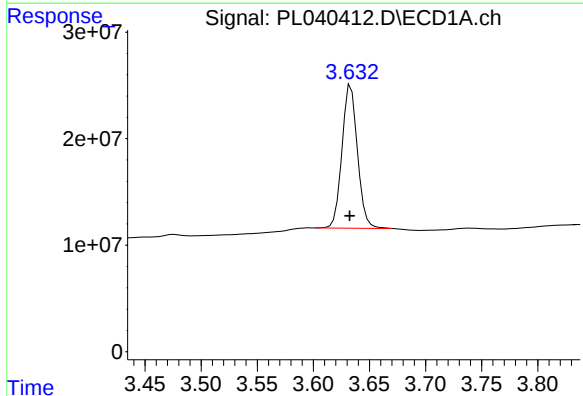
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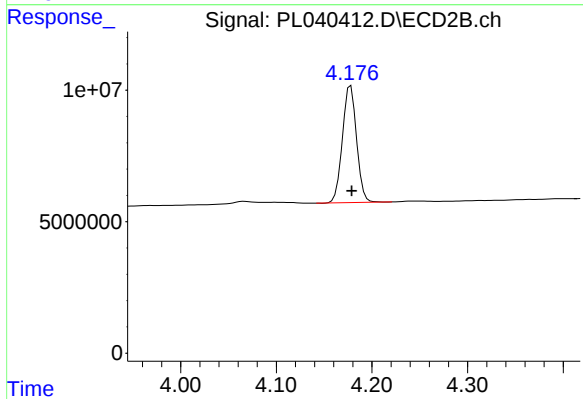
#1 Tetrachloro-m-xylene

R.T.: 3.807 min  
Delta R.T.: 0.000 min  
Response: 67142129  
Conc: 21.26 ng/ml



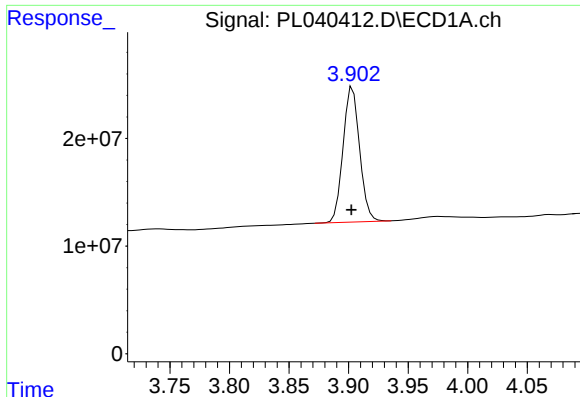
#2 alpha-BHC

R.T.: 3.633 min  
Delta R.T.: 0.000 min  
Response: 128913787  
Conc: 11.02 ng/ml



#2 alpha-BHC

R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 45852952  
Conc: 9.67 ng/ml



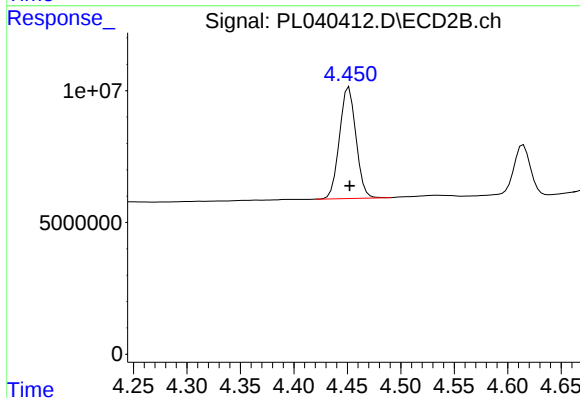
#3 gamma-BHC (Lindane)

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 121234633  
Conc: 11.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

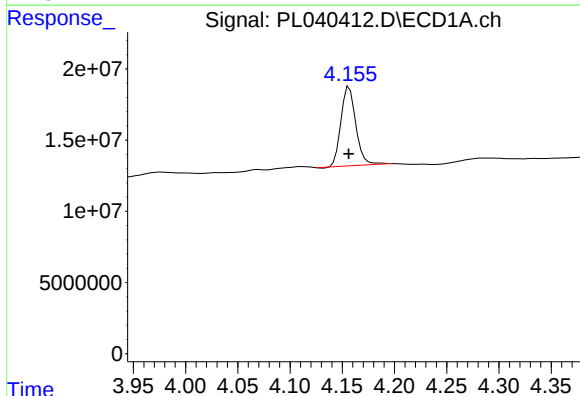
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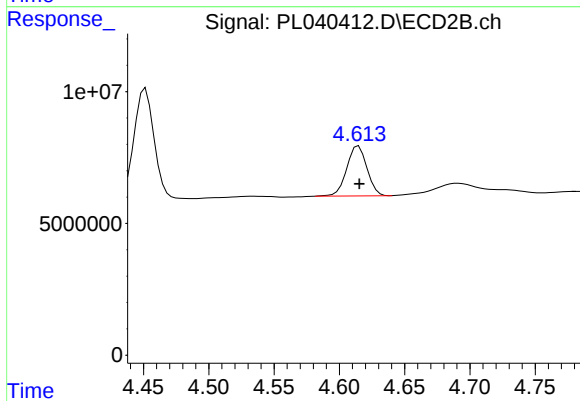
#3 gamma-BHC (Lindane)

R.T.: 4.452 min  
Delta R.T.: 0.000 min  
Response: 45548172  
Conc: 10.04 ng/ml



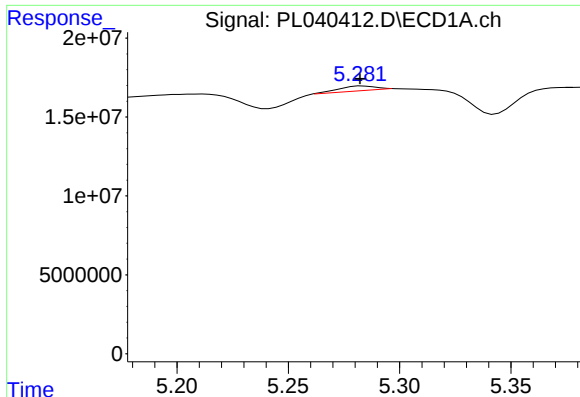
#6 beta-BHC

R.T.: 4.157 min  
Delta R.T.: 0.000 min  
Response: 54950410  
Conc: 13.02 ng/ml



#6 beta-BHC

R.T.: 4.615 min  
Delta R.T.: 0.000 min  
Response: 20490439  
Conc: 10.25 ng/ml



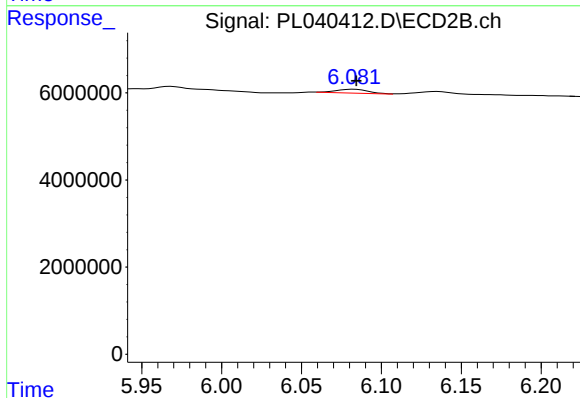
#12 4,4'-DDE

R.T.: 5.281 min  
Delta R.T.: -0.001 min  
Response: 3617908  
Conc: 0.33 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

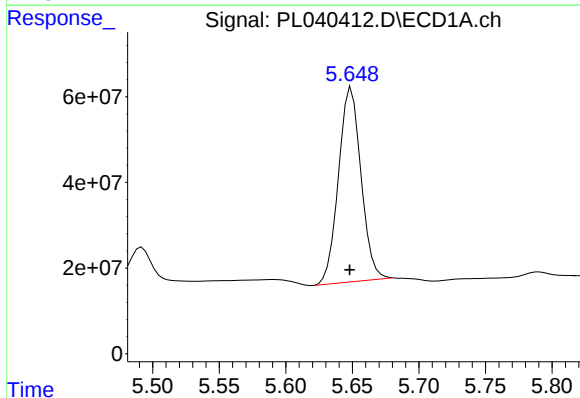
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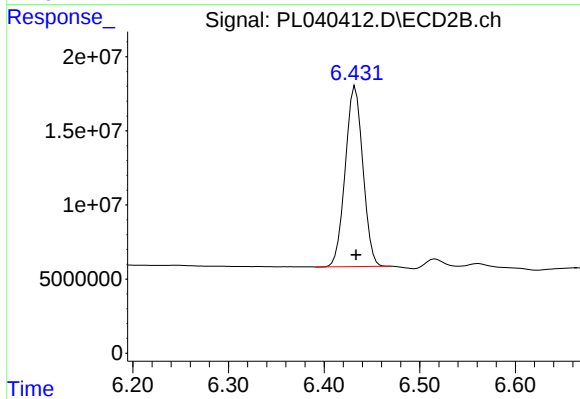
#12 4,4'-DDE

R.T.: 6.081 min  
Delta R.T.: -0.003 min  
Response: 1226973  
Conc: 0.30 ng/ml m



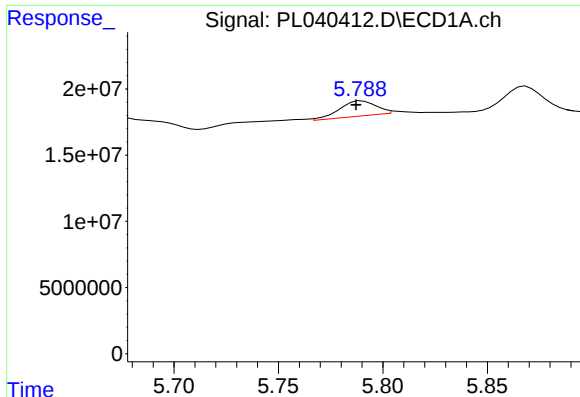
#14 Endrin

R.T.: 5.649 min  
Delta R.T.: 0.001 min  
Response: 536144448  
Conc: 53.97 ng/ml



#14 Endrin

R.T.: 6.433 min  
Delta R.T.: 0.000 min  
Response: 156358040  
Conc: 47.86 ng/ml



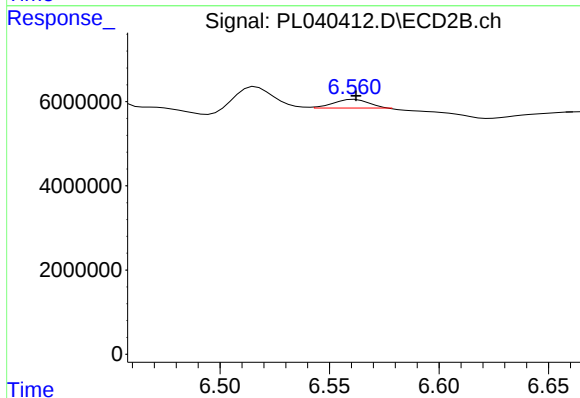
#16 4,4'-DDD

R.T.: 5.788 min  
Delta R.T.: 0.000 min  
Response: 14003613  
Conc: 1.52 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

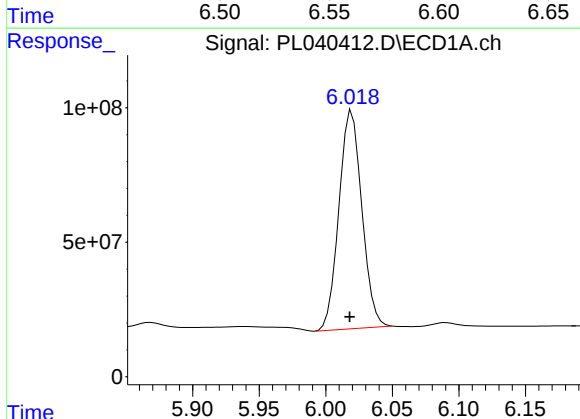
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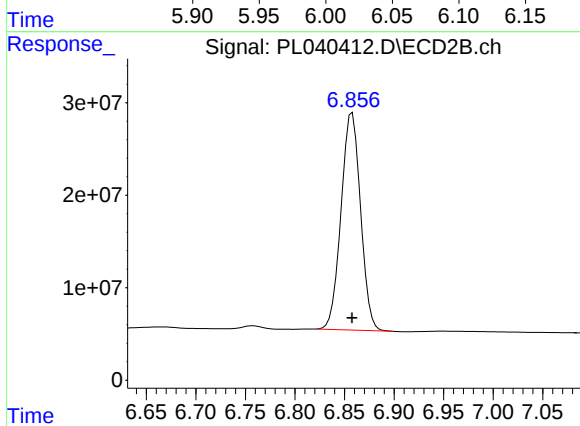
#16 4,4'-DDD

R.T.: 6.560 min  
Delta R.T.: -0.002 min  
Response: 2285301  
Conc: 0.72 ng/ml m



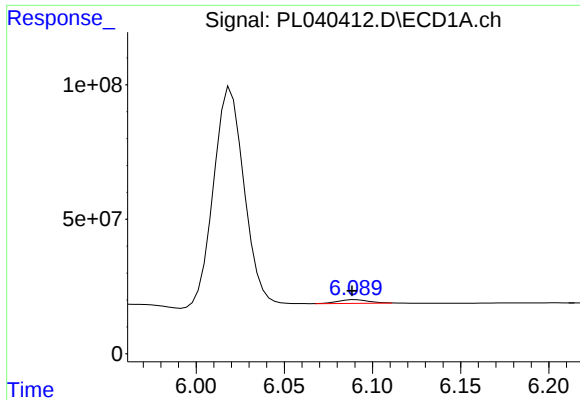
#17 4,4'-DDT

R.T.: 6.020 min  
Delta R.T.: 0.002 min  
Response: 975613613  
Conc: 120.64 ng/ml



#17 4,4'-DDT

R.T.: 6.858 min  
Delta R.T.: 0.000 min  
Response: 320934459  
Conc: 105.32 ng/ml



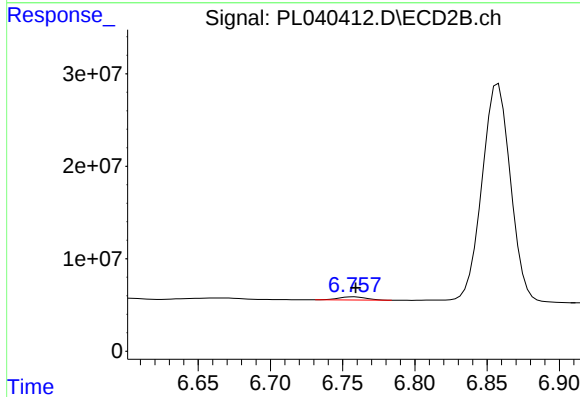
#18 Endrin aldehyde

R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 16623912  
Conc: 1.98 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

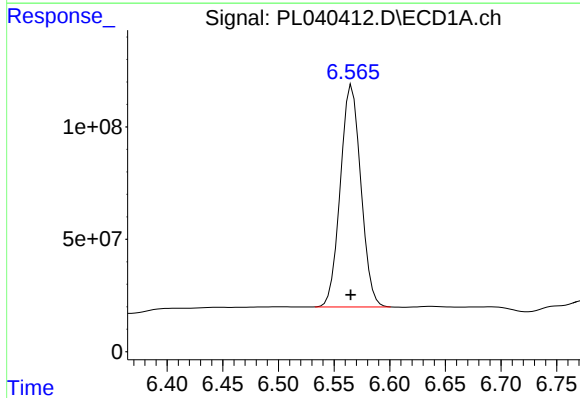
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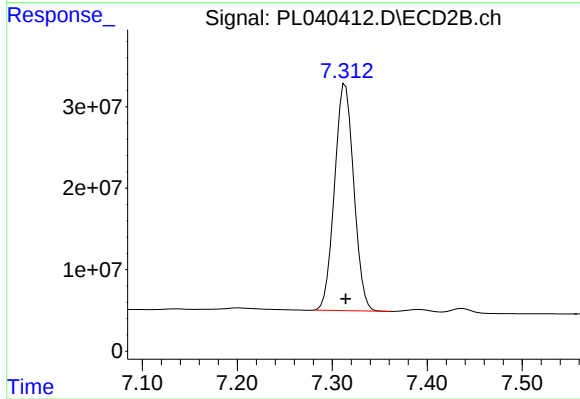
#18 Endrin aldehyde

R.T.: 6.757 min  
Delta R.T.: -0.003 min  
Response: 4541866  
Conc: 1.52 ng/ml m



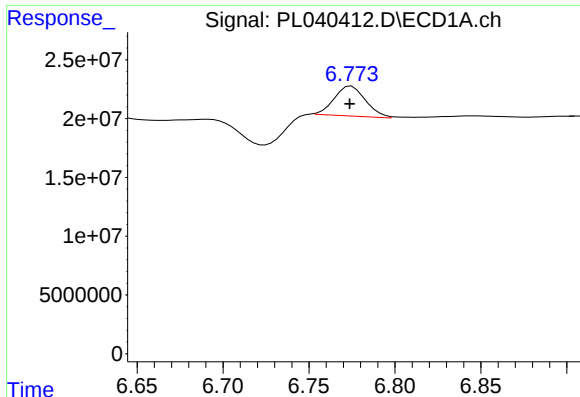
#20 Methoxychlor

R.T.: 6.566 min  
Delta R.T.: 0.000 min  
Response: 1267032979  
Conc: 262.31 ng/ml



#20 Methoxychlor

R.T.: 7.314 min  
Delta R.T.: 0.000 min  
Response: 391841386  
Conc: 257.12 ng/ml



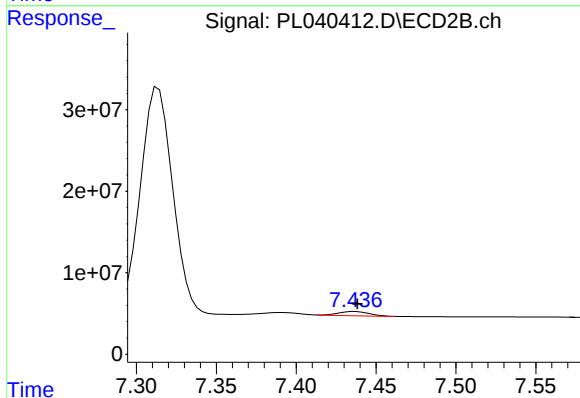
#21 Endrin ketone

R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: 31935987  
Conc: 2.94 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

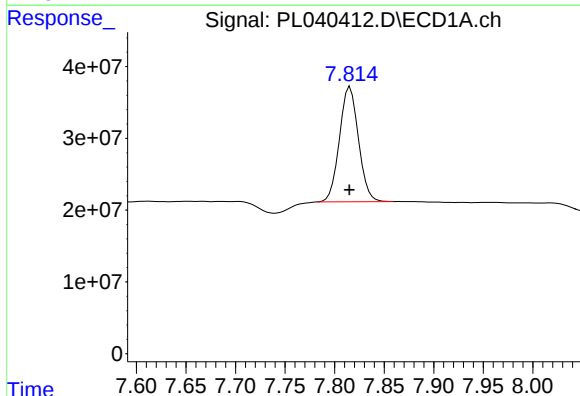
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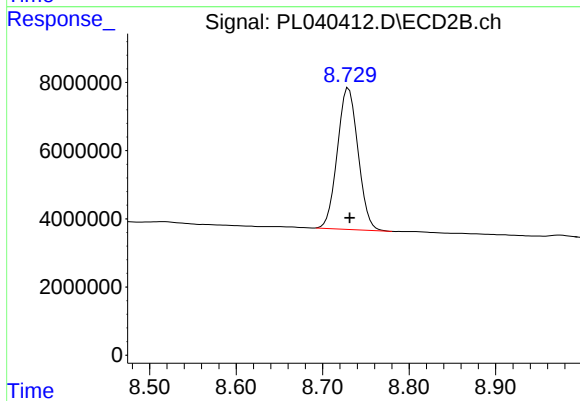
#21 Endrin ketone

R.T.: 7.436 min  
Delta R.T.: -0.003 min  
Response: 6920264  
Conc: 2.25 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.816 min  
Delta R.T.: 0.000 min  
Response: 213910920  
Conc: 22.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.730 min  
Delta R.T.: -0.001 min  
Response: 68569633  
Conc: 21.65 ng/ml