

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040820\  
 Data File : PL057844.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Apr 2020 12:36  
 Operator : AJ\MA  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

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 4/10/2020 11:46:41 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 09 01:05:26 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 2020  
 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... | 3.458 | 3.956 | 221.0E6  | 46877136 | 21.924  | 21.601  |
| 28)                         | SA Decachlor... | 8.206 | 8.979 | 201.9E6  | 47943750 | 19.582  | 21.463  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.895 | 4.343 | 182.6E6  | 31538401 | 10.509  | 9.605   |
| 3)                          | MA gamma-BHC... | 4.178 | 4.625 | 152.2E6  | 31037987 | 10.469  | 9.554   |
| 6)                          | B beta-BHC      | 4.429 | 4.799 | 69368002 | 14405736 | 10.984m | 10.374  |
| 12)                         | B 4,4'-DDE      | 5.618 | 6.278 | 3265859  | 685915   | 0.249   | 0.232   |
| 14)                         | MA Endrin       | 6.008 | 6.641 | 576.8E6  | 121.2E6  | 49.414  | 48.497  |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.767 | 27873501 | 7270984  | 2.789   | 3.186   |
| 17)                         | MA 4,4'-DDT     | 6.375 | 7.064 | 1032.6E6 | 217.3E6  | 101.744 | 97.573  |
| 18)                         | B Endrin al...  | 6.446 | 6.975 | 4756968  | 1123868  | 0.509m  | 0.506   |
| 20)                         | A Methoxychlor  | 6.920 | 7.524 | 1247.9E6 | 274.1E6  | 226.375 | 215.499 |
| 21)                         | B Endrin ke...  | 7.152 | 7.665 | 23108055 | 4464129  | 2.076   | 1.806   |
| -----                       |                 |       |       |          |          |         |         |

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

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Data File : PL057844.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Apr 2020 12:36  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

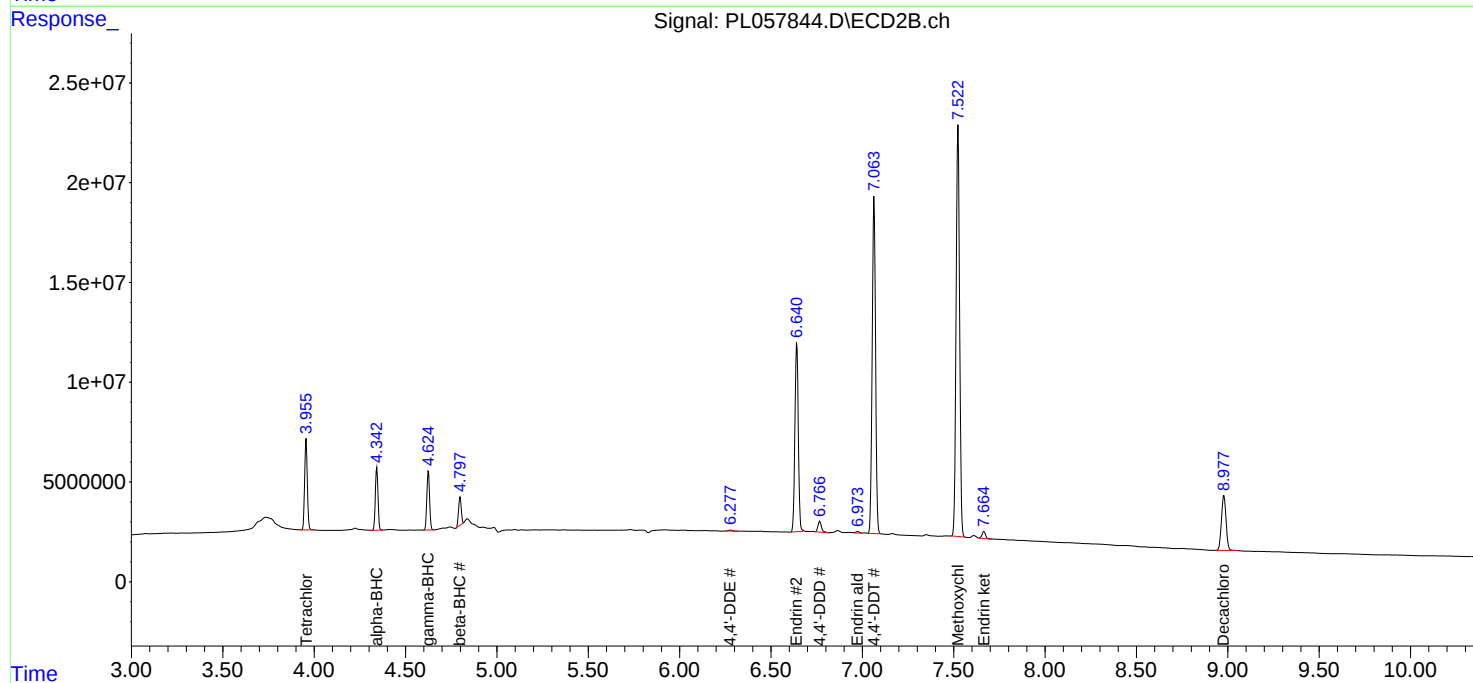
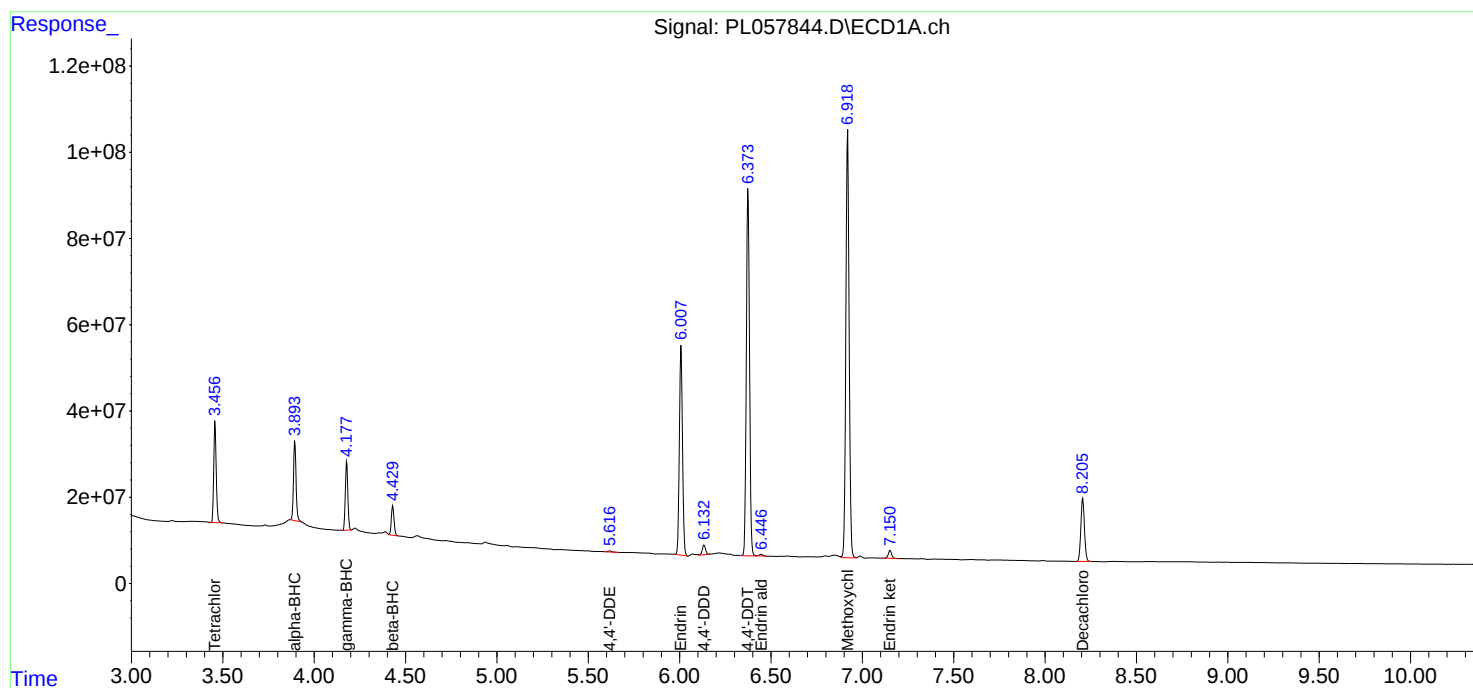
Instrument :  
ECD\_L  
ClientSampled :  
PEM

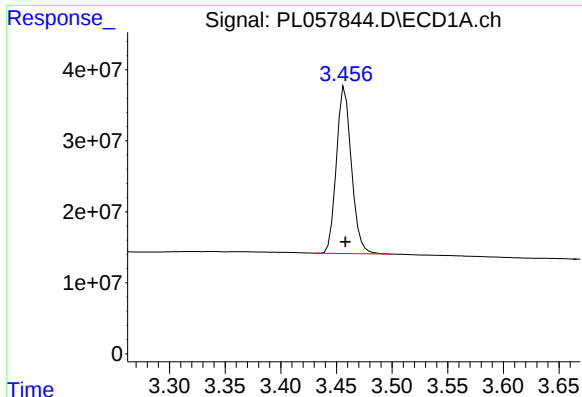
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 09 01:05:26 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
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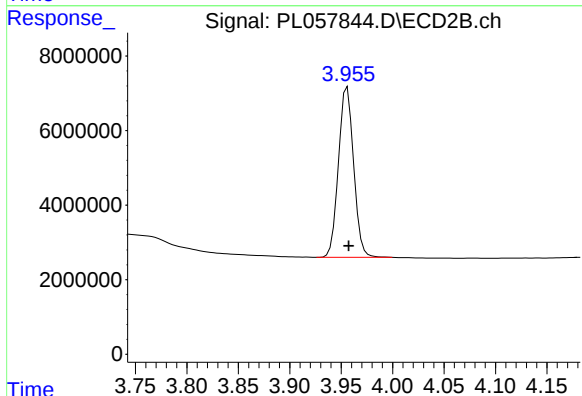
#1 Tetrachloro-m-xylene

R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 221014771  
Conc: 21.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

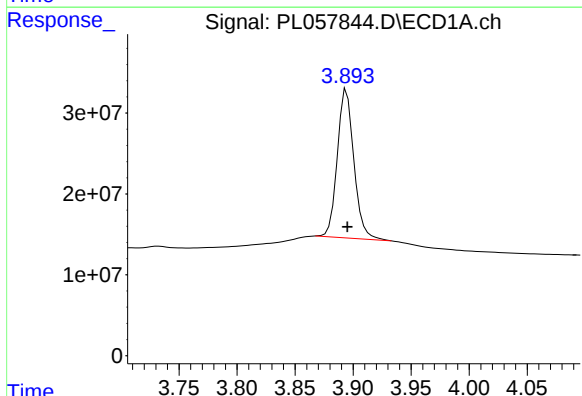
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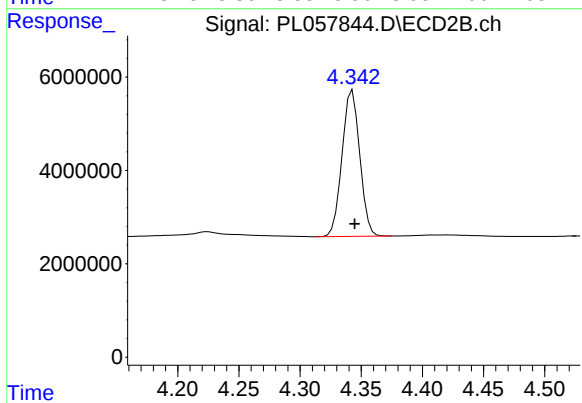
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: -0.001 min  
Response: 46877136  
Conc: 21.60 ng/ml



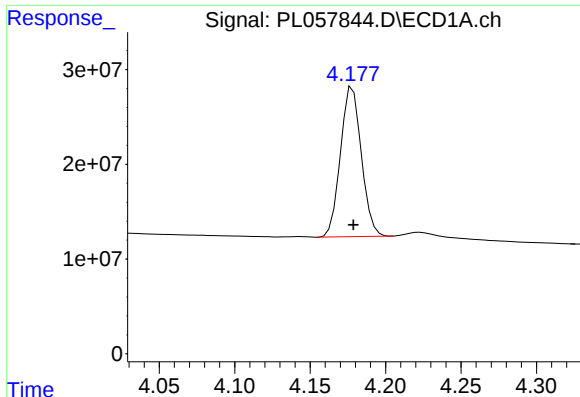
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 182564412  
Conc: 10.51 ng/ml



#2 alpha-BHC

R.T.: 4.343 min  
Delta R.T.: -0.002 min  
Response: 31538401  
Conc: 9.60 ng/ml



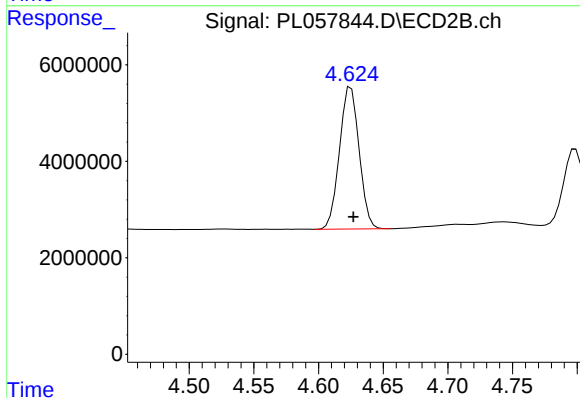
#3 gamma-BHC (Lindane)

R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 152174333  
Conc: 10.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

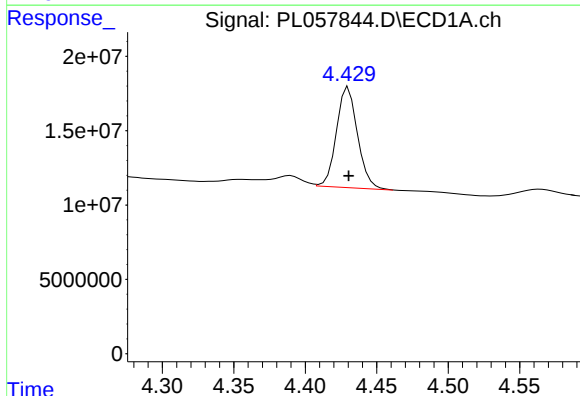
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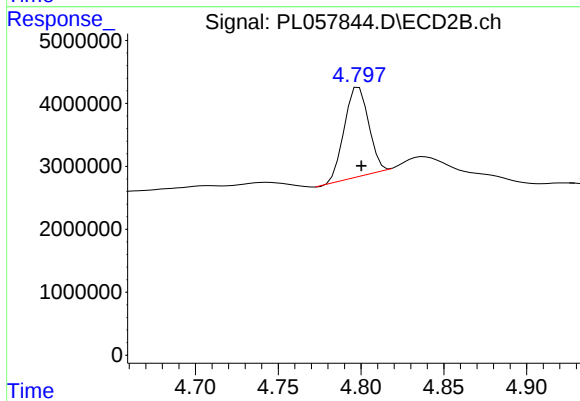
#3 gamma-BHC (Lindane)

R.T.: 4.625 min  
Delta R.T.: -0.002 min  
Response: 31037987  
Conc: 9.55 ng/ml



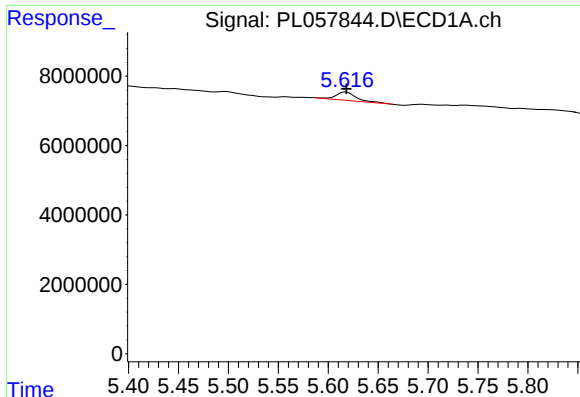
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: -0.002 min  
Response: 69368002  
Conc: 10.98 ng/ml m



#6 beta-BHC

R.T.: 4.799 min  
Delta R.T.: -0.002 min  
Response: 14405736  
Conc: 10.37 ng/ml



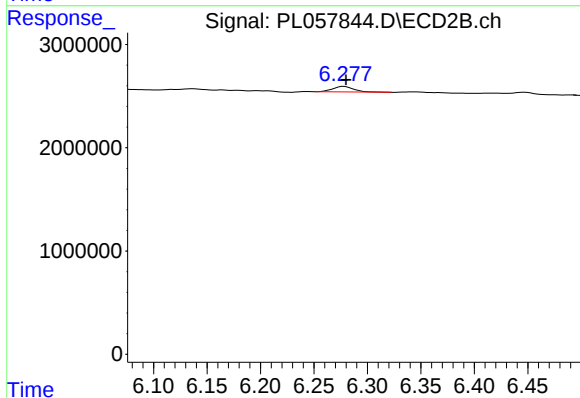
#12 4,4'-DDE

R.T.: 5.618 min  
Delta R.T.: 0.000 min  
Response: 3265859  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

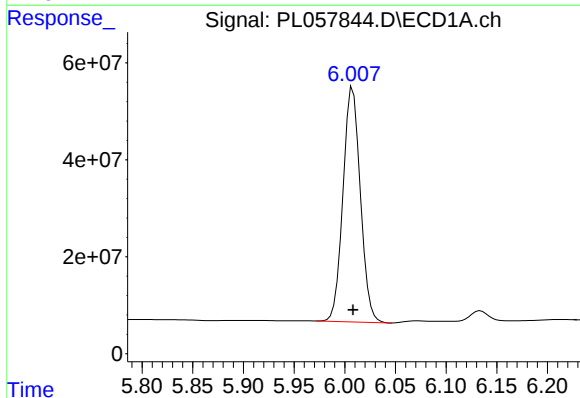
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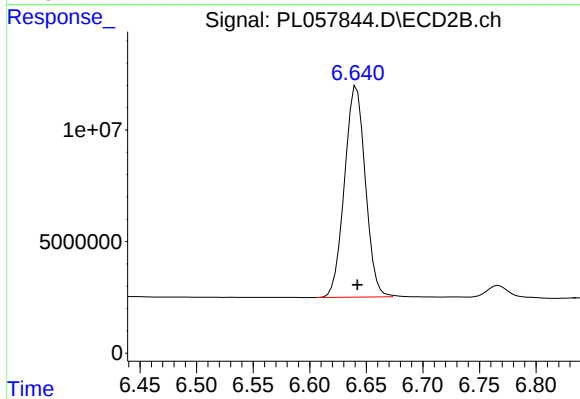
#12 4,4'-DDE

R.T.: 6.278 min  
Delta R.T.: -0.002 min  
Response: 685915  
Conc: 0.23 ng/ml



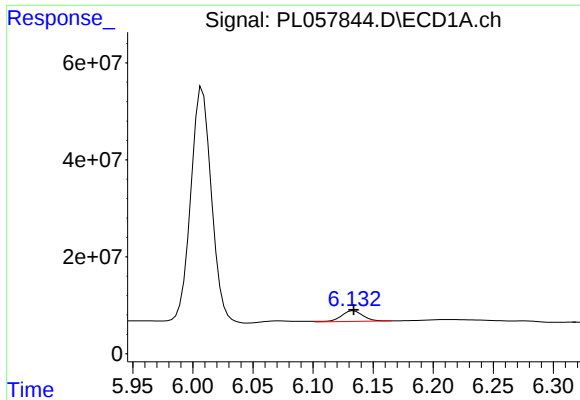
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: 0.000 min  
Response: 576805291  
Conc: 49.41 ng/ml



#14 Endrin

R.T.: 6.641 min  
Delta R.T.: 0.000 min  
Response: 121170921  
Conc: 48.50 ng/ml



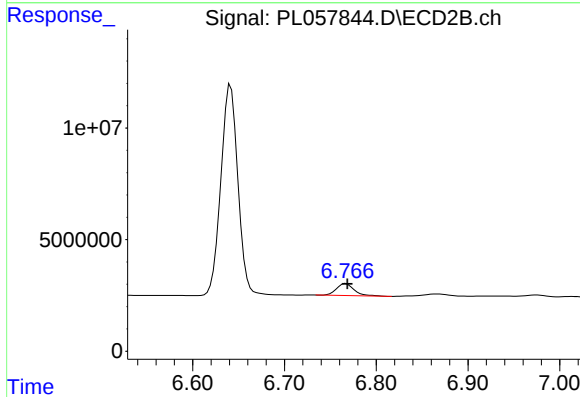
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 27873501  
Conc: 2.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

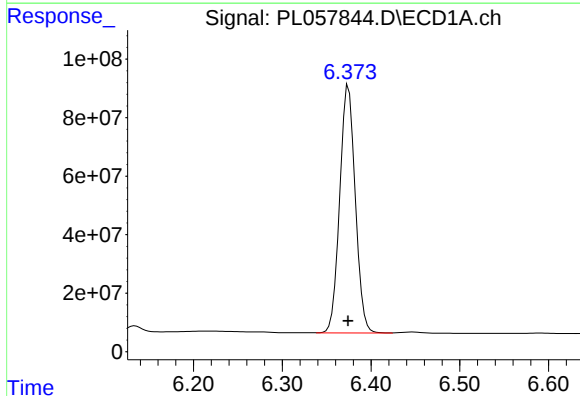
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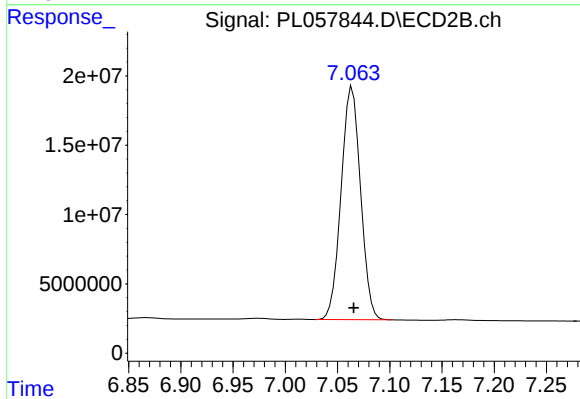
#16 4,4'-DDD

R.T.: 6.767 min  
Delta R.T.: -0.002 min  
Response: 7270984  
Conc: 3.19 ng/ml



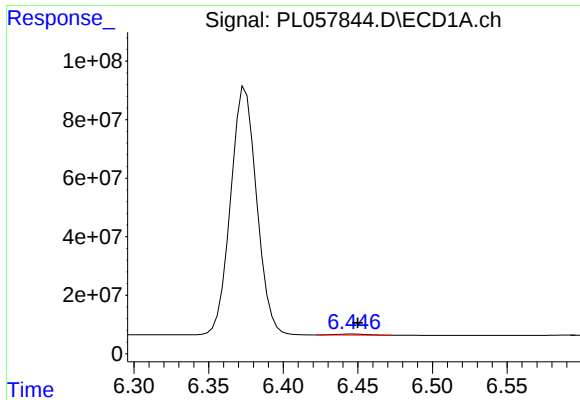
#17 4,4'-DDT

R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 1032642992  
Conc: 101.74 ng/ml



#17 4,4'-DDT

R.T.: 7.064 min  
Delta R.T.: -0.001 min  
Response: 217332122  
Conc: 97.57 ng/ml



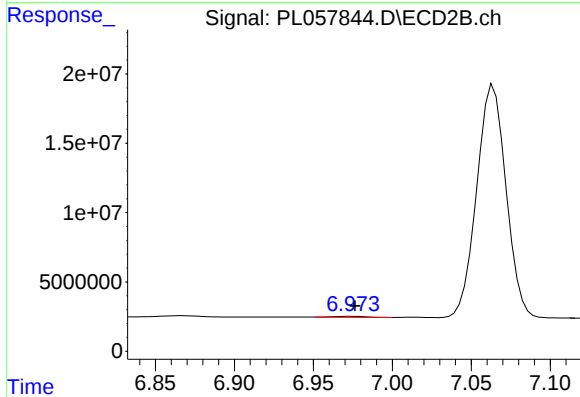
#18 Endrin aldehyde

R.T.: 6.446 min  
Delta R.T.: -0.004 min  
Response: 4756968  
Conc: 0.51 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

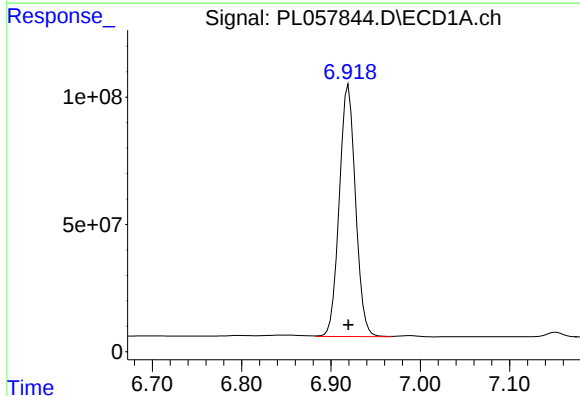
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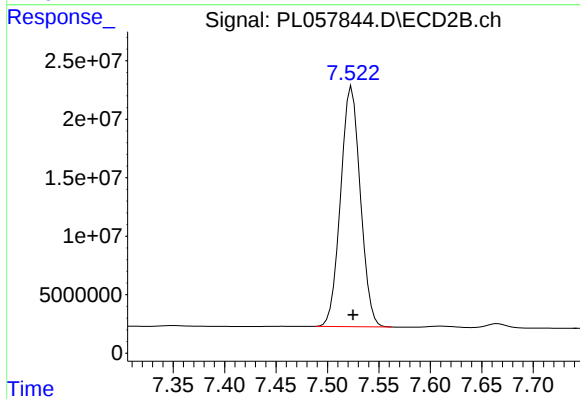
#18 Endrin aldehyde

R.T.: 6.975 min  
Delta R.T.: -0.002 min  
Response: 1123868  
Conc: 0.51 ng/ml



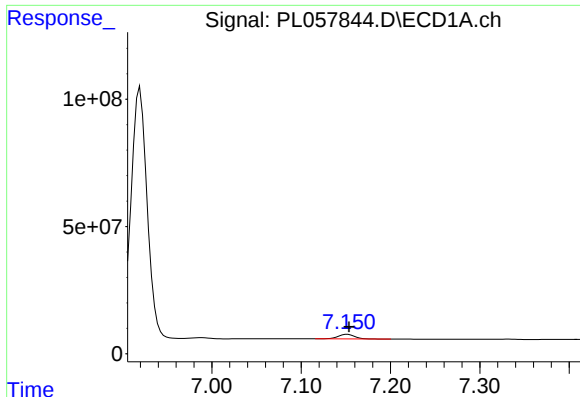
#20 Methoxychlor

R.T.: 6.920 min  
Delta R.T.: 0.000 min  
Response: 1247916354  
Conc: 226.37 ng/ml



#20 Methoxychlor

R.T.: 7.524 min  
Delta R.T.: -0.001 min  
Response: 274118218  
Conc: 215.50 ng/ml



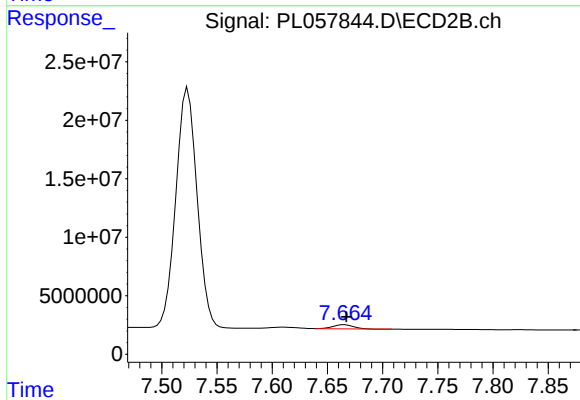
#21 Endrin ketone

R.T.: 7.152 min  
Delta R.T.: -0.001 min  
Response: 23108055  
Conc: 2.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

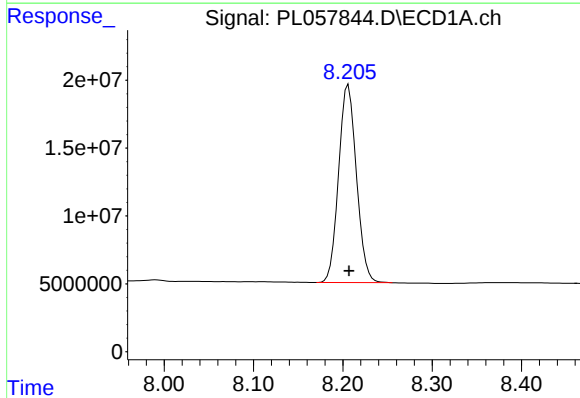
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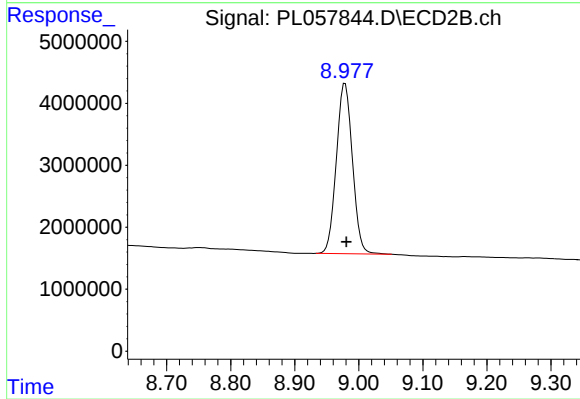
#21 Endrin ketone

R.T.: 7.665 min  
Delta R.T.: -0.002 min  
Response: 4464129  
Conc: 1.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.206 min  
Delta R.T.: 0.000 min  
Response: 201865499  
Conc: 19.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.979 min  
Delta R.T.: -0.002 min  
Response: 47943750  
Conc: 21.46 ng/ml