

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031420\  
 Data File : PL057343.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Mar 2020 18:48  
 Operator : AJ\MA  
 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 14 01:03:26 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 14 00:45:03 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... | 3.459 | 3.957 | 174.6E6  | 40768321 | 18.835  | 18.791  |
| 28)                         | SA Decachlor... | 8.207 | 8.980 | 209.7E6  | 44488112 | 19.818  | 20.064  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.896 | 4.344 | 132.7E6  | 26559844 | 8.328   | 8.269   |
| 3)                          | MA gamma-BHC... | 4.179 | 4.627 | 114.9E6  | 25850200 | 7.992   | 8.239   |
| 6)                          | B beta-BHC      | 4.431 | 4.798 | 54768143 | 13050397 | 9.316   | 9.048m  |
| 12)                         | B 4,4'-DDE      | 5.618 | 6.277 | 1441145  | 519186   | 0.116   | 0.183m# |
| 14)                         | MA Endrin       | 6.009 | 6.642 | 532.2E6  | 109.0E6  | 46.559  | 45.188  |
| 16)                         | A 4,4'-DDD      | 6.133 | 6.767 | 6473056  | 1752187  | 0.660m  | 0.767m  |
| 17)                         | MA 4,4'-DDT     | 6.375 | 7.065 | 999.3E6  | 214.9E6  | 100.202 | 94.332  |
| 18)                         | B Endrin al...  | 6.446 | 6.974 | 3886427  | 431628   | 0.421   | 0.194m# |
| 20)                         | A Methoxychlor  | 6.920 | 7.525 | 1231.0E6 | 280.8E6  | 229.413 | 215.883 |
| 21)                         | B Endrin ke...  | 7.152 | 7.665 | 11861563 | 2422801  | 1.049   | 0.936m  |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 13 Mar 2020 18:48  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

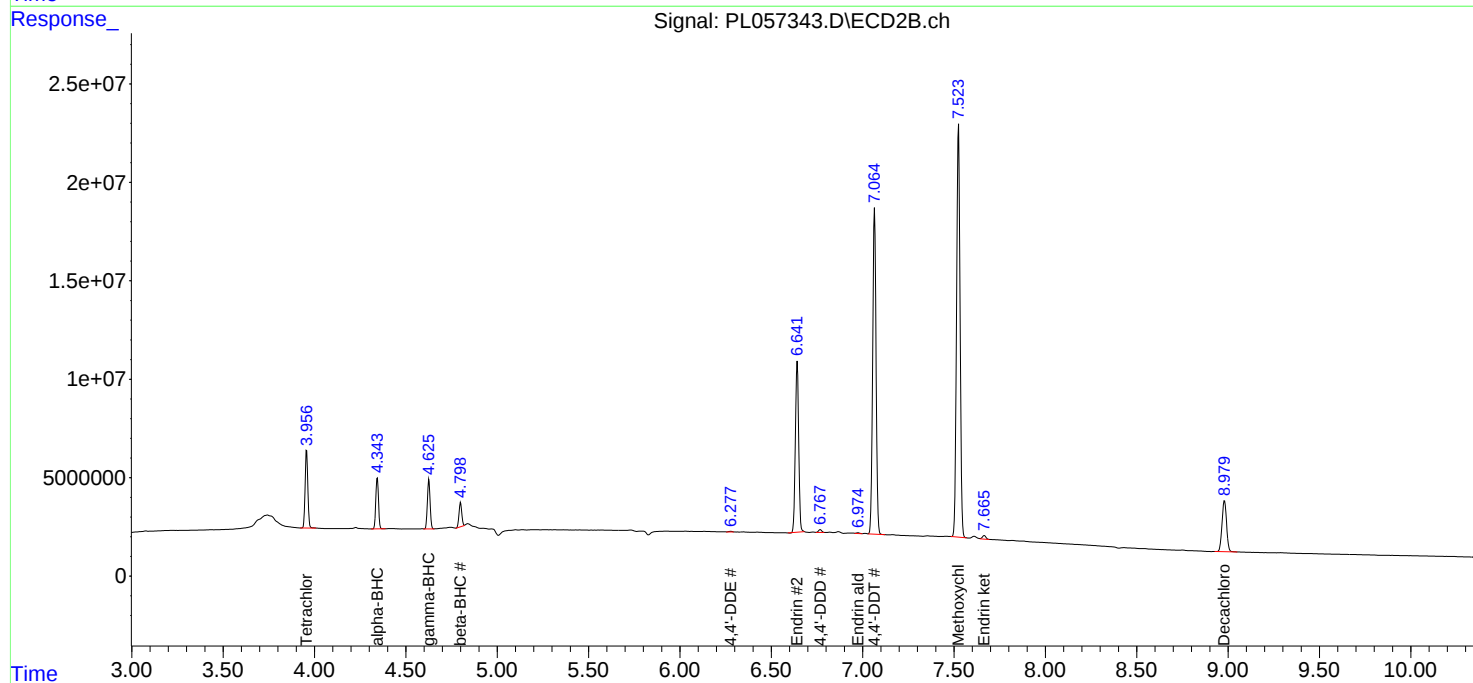
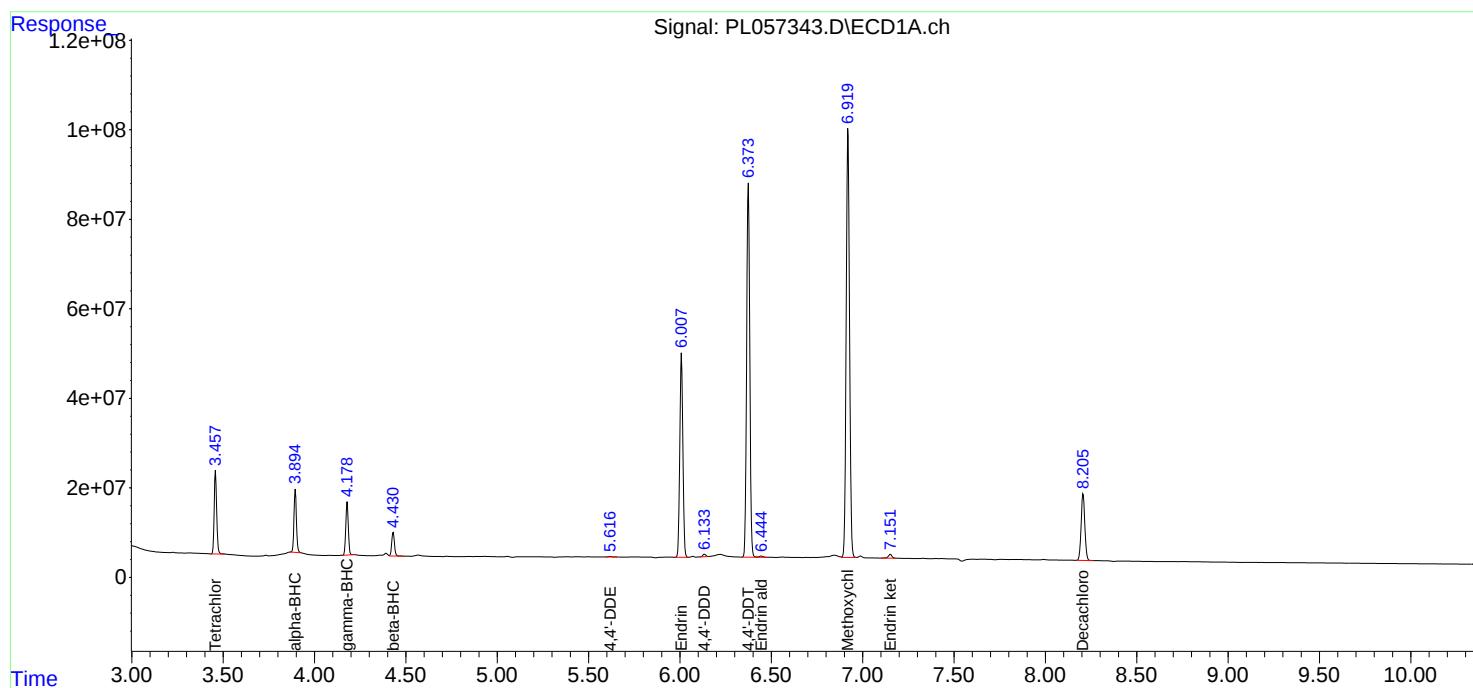
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

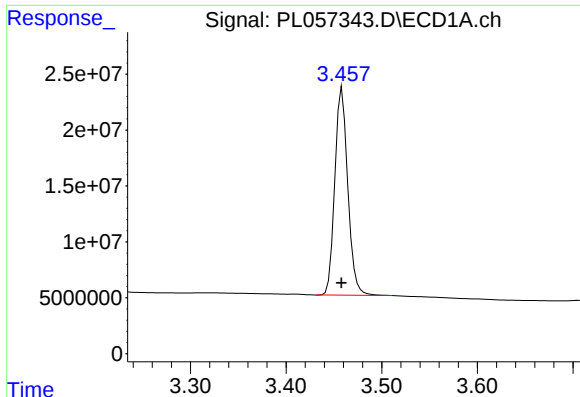
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Integration File signal 1: autoint1.e  
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Quant Time: Mar 14 01:03:26 2020  
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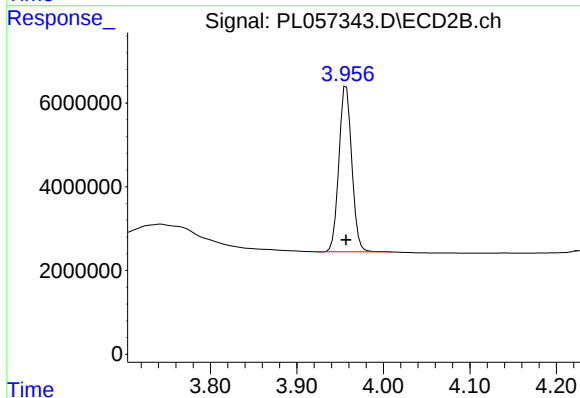
#1 Tetrachloro-m-xylene

R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 174591172  
Conc: 18.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

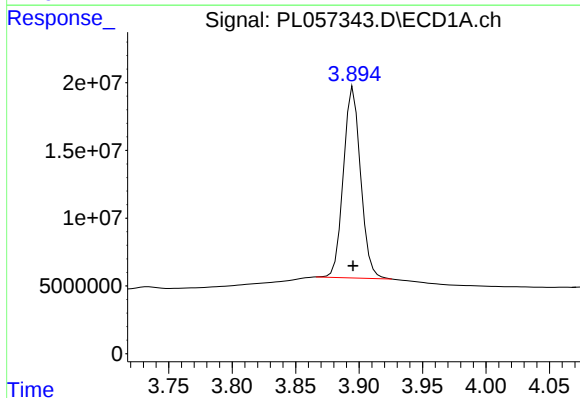
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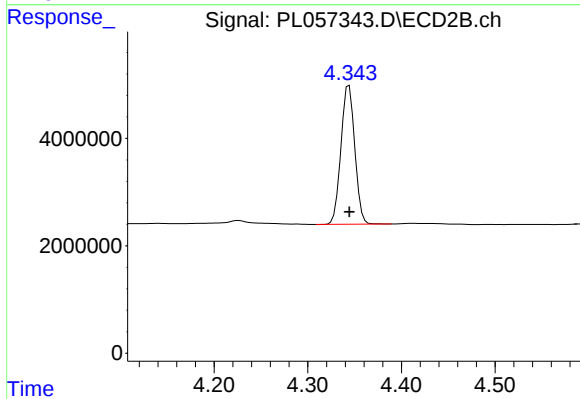
#1 Tetrachloro-m-xylene

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 40768321  
Conc: 18.79 ng/ml



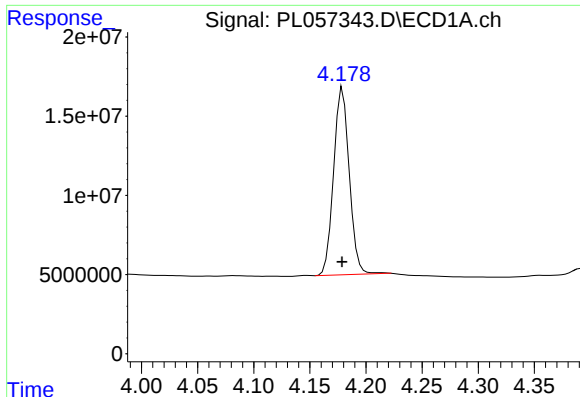
#2 alpha-BHC

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 132663380  
Conc: 8.33 ng/ml



#2 alpha-BHC

R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 26559844  
Conc: 8.27 ng/ml



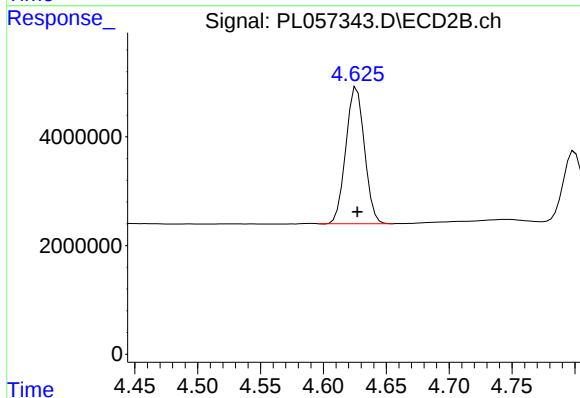
#3 gamma-BHC (Lindane)

R.T.: 4.179 min  
Delta R.T.: 0.000 min  
Response: 114860976  
Conc: 7.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

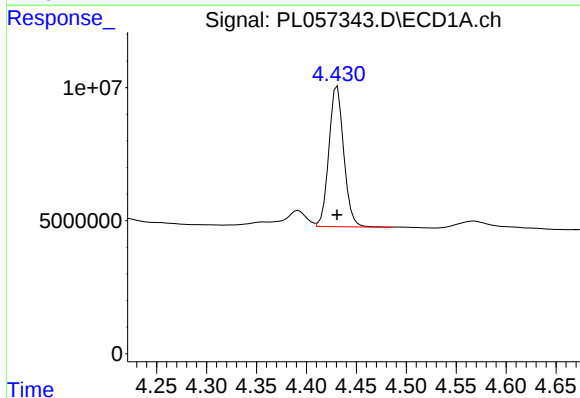
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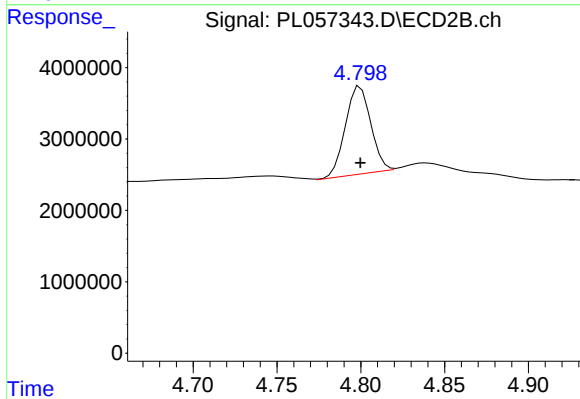
#3 gamma-BHC (Lindane)

R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 25850200  
Conc: 8.24 ng/ml



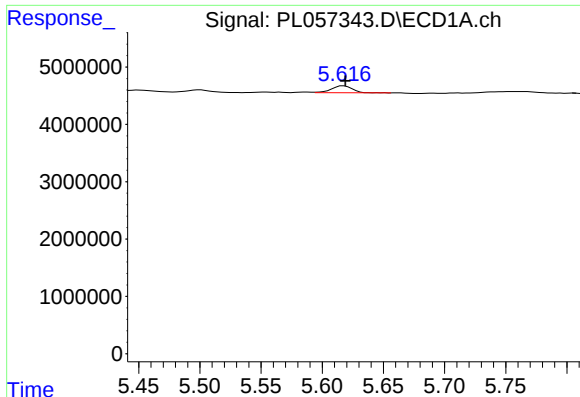
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.000 min  
Response: 54768143  
Conc: 9.32 ng/ml



#6 beta-BHC

R.T.: 4.798 min  
Delta R.T.: -0.001 min  
Response: 13050397  
Conc: 9.05 ng/ml m



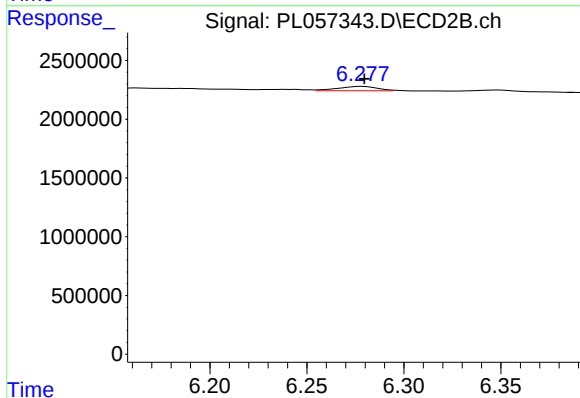
#12 4,4'-DDE

R.T.: 5.618 min  
Delta R.T.: -0.001 min  
Response: 1441145  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

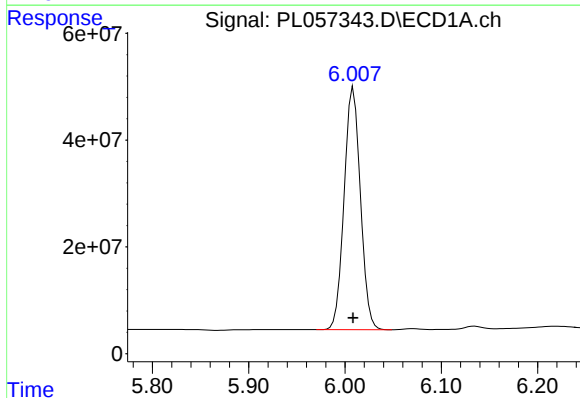
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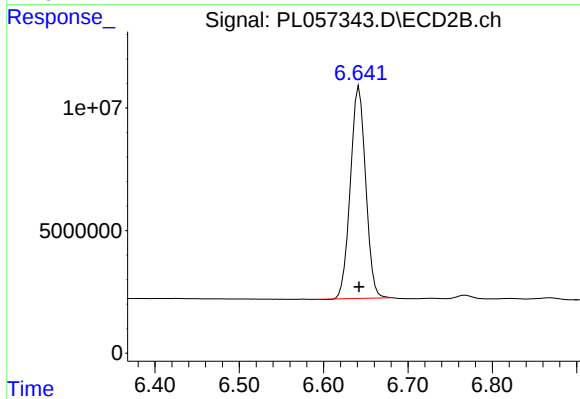
#12 4,4'-DDE

R.T.: 6.277 min  
Delta R.T.: -0.002 min  
Response: 519186  
Conc: 0.18 ng/ml m



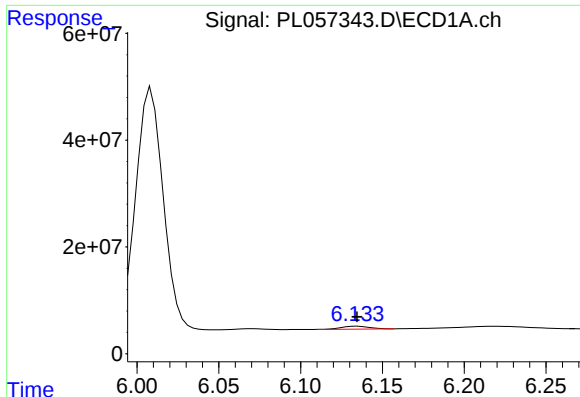
#14 Endrin

R.T.: 6.009 min  
Delta R.T.: 0.000 min  
Response: 532233889  
Conc: 46.56 ng/ml



#14 Endrin

R.T.: 6.642 min  
Delta R.T.: 0.000 min  
Response: 109029557  
Conc: 45.19 ng/ml



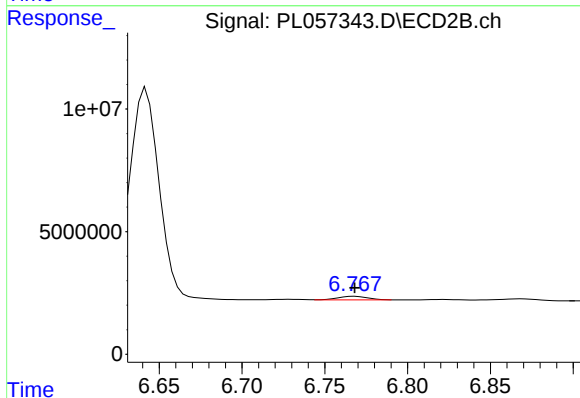
#16 4,4'-DDD

R.T.: 6.133 min  
Delta R.T.: -0.001 min  
Response: 6473056  
Conc: 0.66 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

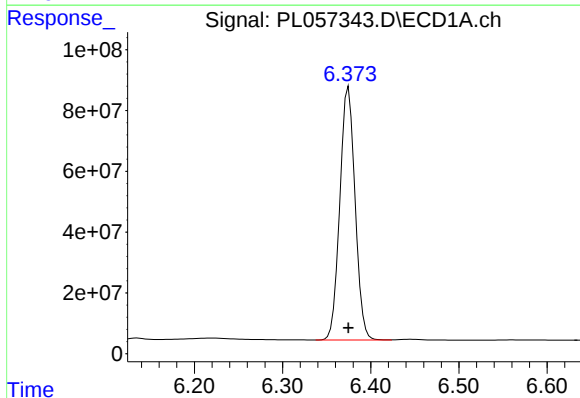
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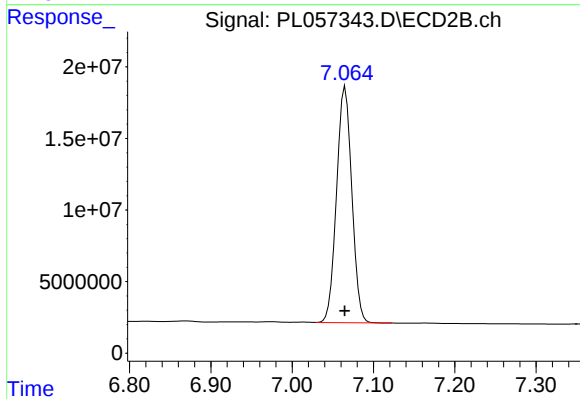
#16 4,4'-DDD

R.T.: 6.767 min  
Delta R.T.: -0.001 min  
Response: 1752187  
Conc: 0.77 ng/ml m



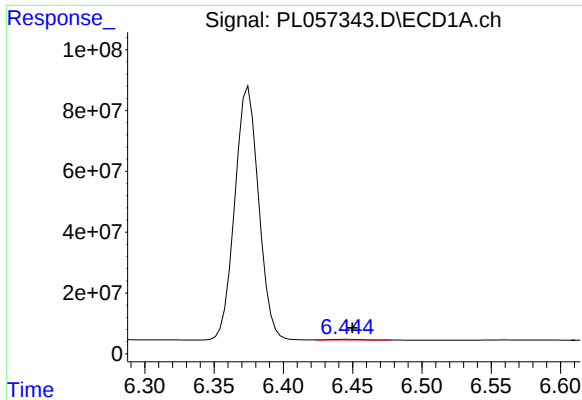
#17 4,4'-DDT

R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 999289475  
Conc: 100.20 ng/ml



#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 214854713  
Conc: 94.33 ng/ml



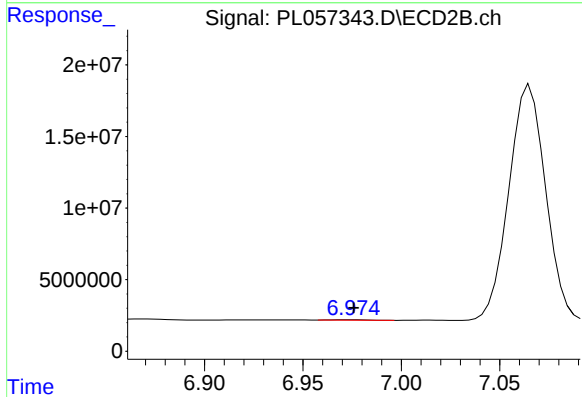
#18 Endrin aldehyde

R.T.: 6.446 min  
Delta R.T.: -0.004 min  
Response: 3886427  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

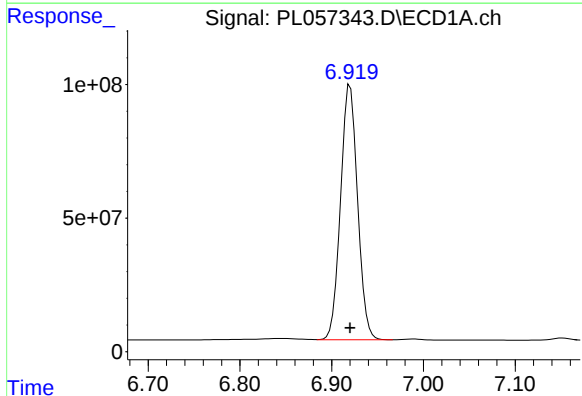
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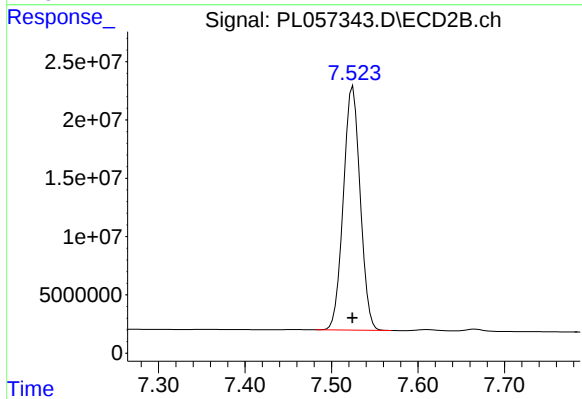
#18 Endrin aldehyde

R.T.: 6.974 min  
Delta R.T.: -0.002 min  
Response: 431628  
Conc: 0.19 ng/ml m



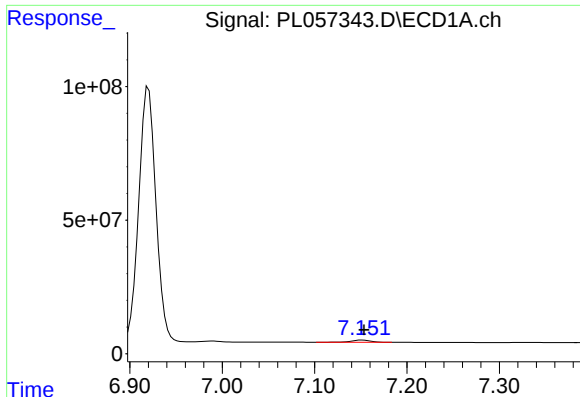
#20 Methoxychlor

R.T.: 6.920 min  
Delta R.T.: 0.000 min  
Response: 1230992832  
Conc: 229.41 ng/ml



#20 Methoxychlor

R.T.: 7.525 min  
Delta R.T.: 0.000 min  
Response: 280774543  
Conc: 215.88 ng/ml



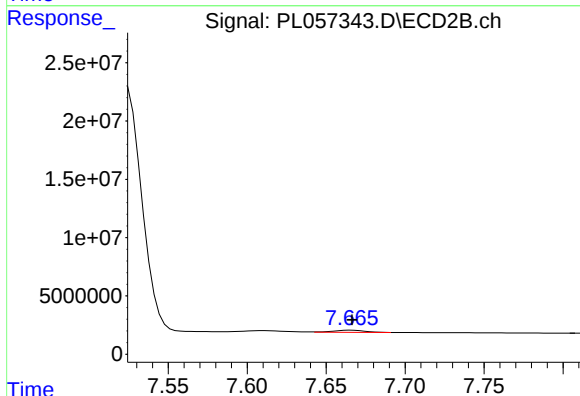
#21 Endrin ketone

R.T.: 7.152 min  
Delta R.T.: -0.002 min  
Response: 11861563  
Conc: 1.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

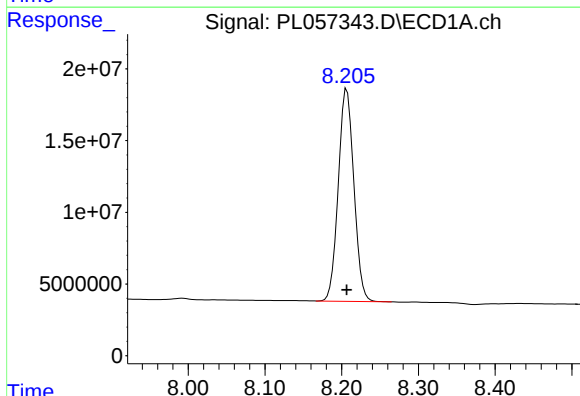
Manual Integrations  
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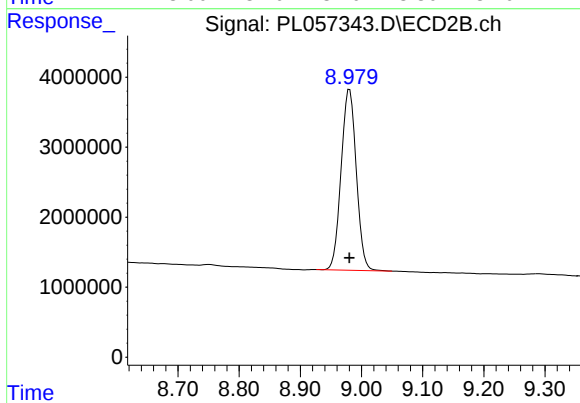
#21 Endrin ketone

R.T.: 7.665 min  
Delta R.T.: -0.002 min  
Response: 2422801  
Conc: 0.94 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: 0.000 min  
Response: 209694822  
Conc: 19.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min  
Delta R.T.: 0.000 min  
Response: 44488112  
Conc: 20.06 ng/ml