

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062821\  
 Data File : PL067833.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jun 2021 08:54  
 Operator : AR\AJ  
 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: Jun 29 06:36:51 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 11 02:00:12 2021  
 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... | 4.478  | 5.529  | 11645198 | 18634023 | 21.181  | 19.766  |
| 28)                         | SA Decachlor... | 10.220 | 11.427 | 14995243 | 19667198 | 21.159  | 19.745  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.178  | 6.109  | 7655991  | 11027845 | 10.409  | 8.919   |
| 3)                          | MA gamma-BHC... | 5.597  | 6.505  | 7292078  | 10673620 | 9.730   | 9.053   |
| 6)                          | B beta-BHC      | 5.981  | 6.761  | 4319718  | 5420101  | 12.073  | 9.982   |
| 12)                         | B 4,4'-DDE      | 7.468  | 8.526  | 190495   | 200829   | 0.286   | 0.222m  |
| 14)                         | MA Endrin       | 7.874  | 8.921  | 33736838 | 37255814 | 51.455  | 48.707  |
| 16)                         | A 4,4'-DDD      | 8.050  | 9.067  | 1795928  | 1665414  | 3.090   | 2.342   |
| 17)                         | MA 4,4'-DDT     | 8.310  | 9.384  | 60856876 | 66148846 | 104.586 | 90.225  |
| 18)                         | B Endrin al...  | 8.372  | 9.291  | 562522   | 224466   | 1.111   | 0.351 # |
| 20)                         | A Methoxychlor  | 8.903  | 9.870  | 79313498 | 78164674 | 223.123 | 201.039 |
| 21)                         | B Endrin ke...  | 9.113  | 10.025 | 1471778  | 1157672  | 1.933   | 1.277 # |
| -----                       |                 |        |        |          |          |         |         |

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

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Acq On : 28 Jun 2021 08:54  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

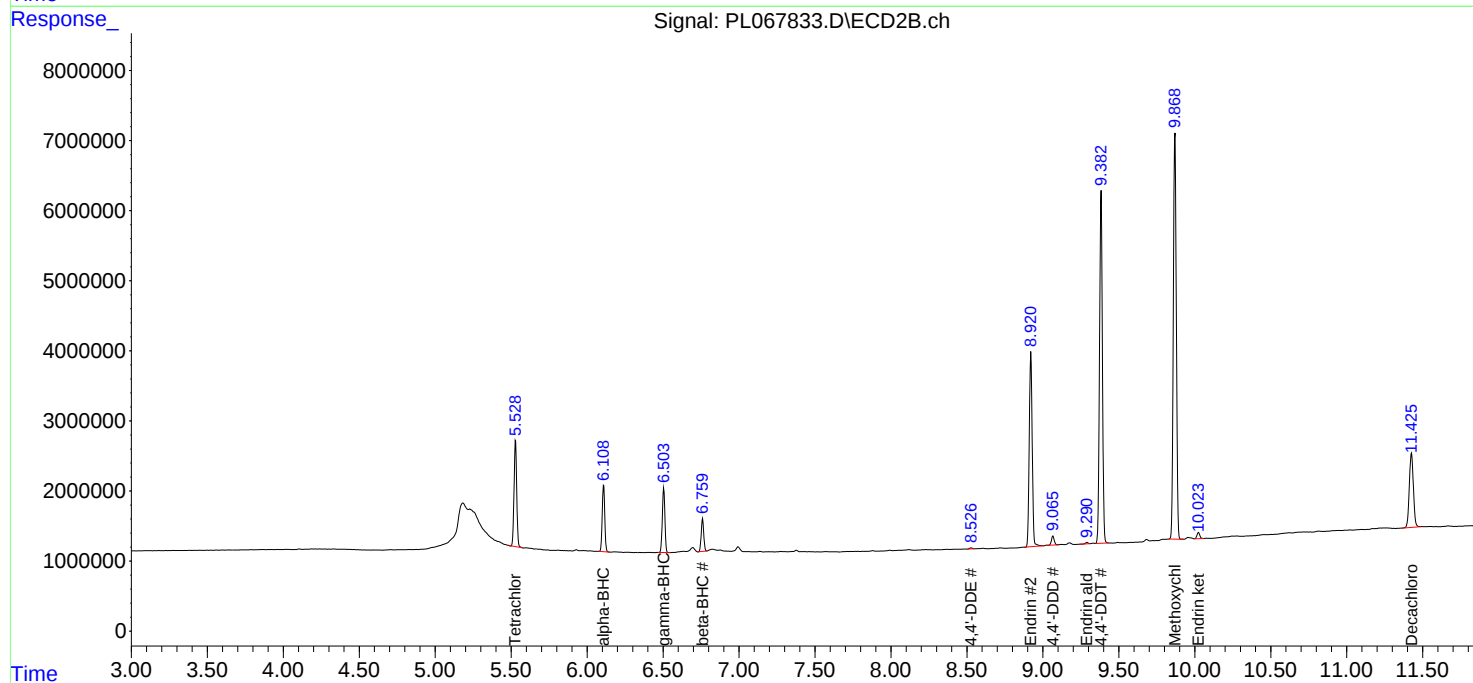
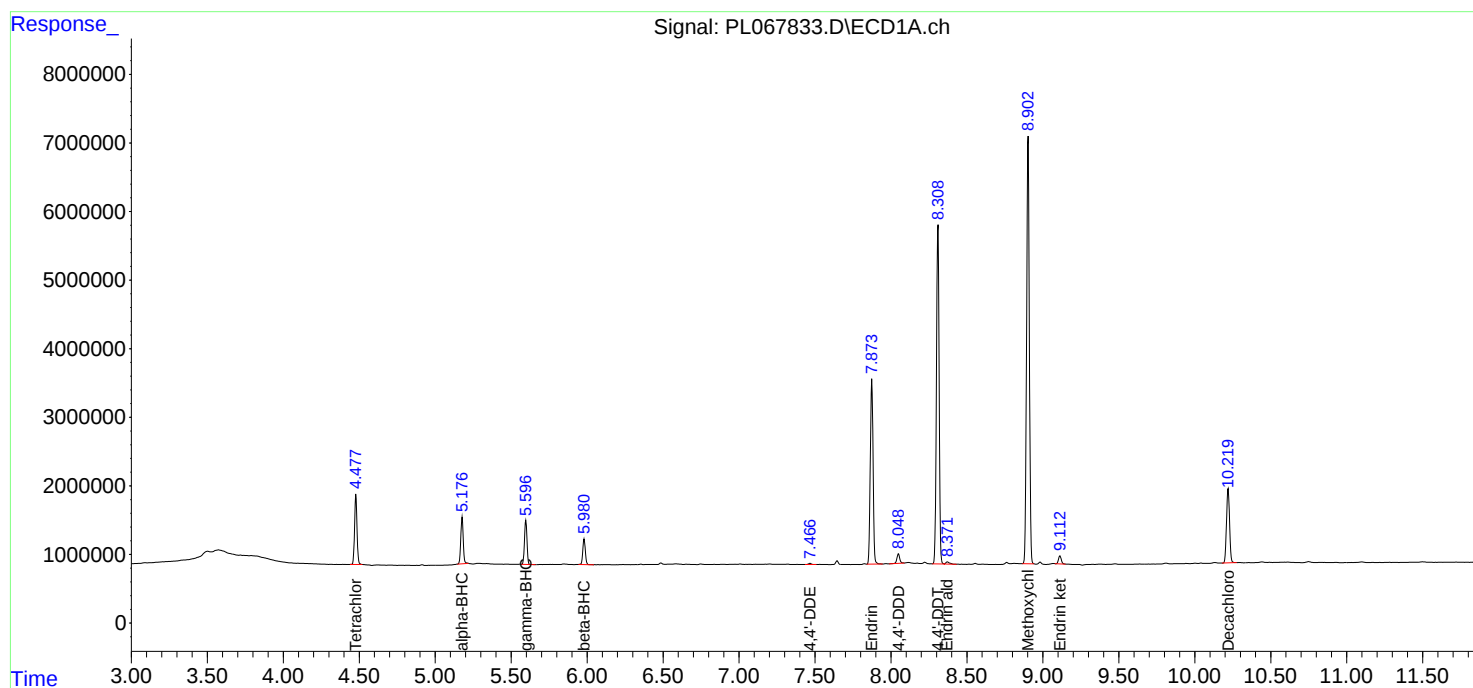
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

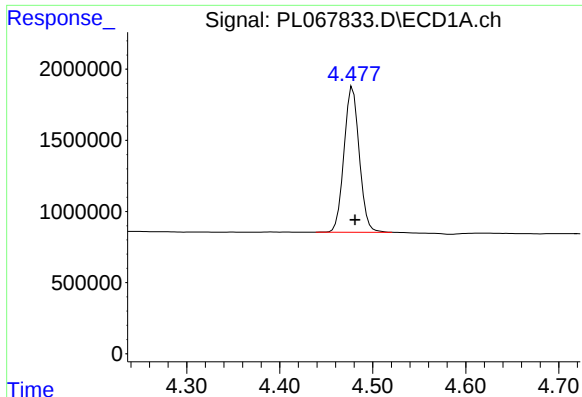
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 29 06:36:51 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
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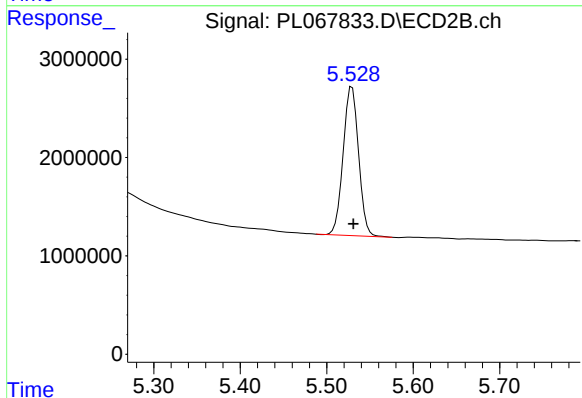
#1 Tetrachloro-m-xylene

R.T.: 4.478 min  
Delta R.T.: -0.003 min  
Response: 11645198  
Conc: 21.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

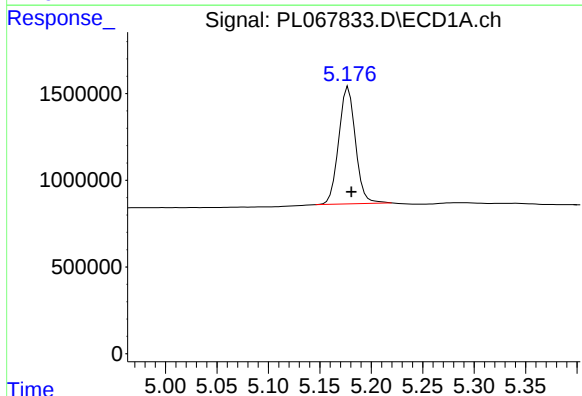
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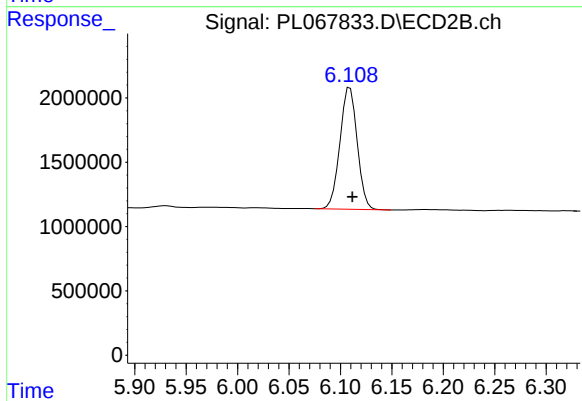
#1 Tetrachloro-m-xylene

R.T.: 5.529 min  
Delta R.T.: -0.002 min  
Response: 18634023  
Conc: 19.77 ng/ml



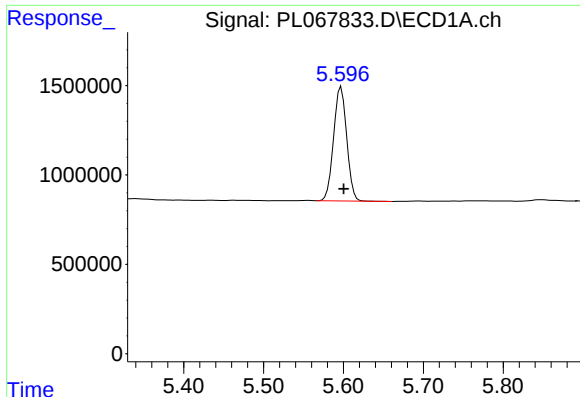
#2 alpha-BHC

R.T.: 5.178 min  
Delta R.T.: -0.003 min  
Response: 7655991  
Conc: 10.41 ng/ml



#2 alpha-BHC

R.T.: 6.109 min  
Delta R.T.: -0.002 min  
Response: 11027845  
Conc: 8.92 ng/ml



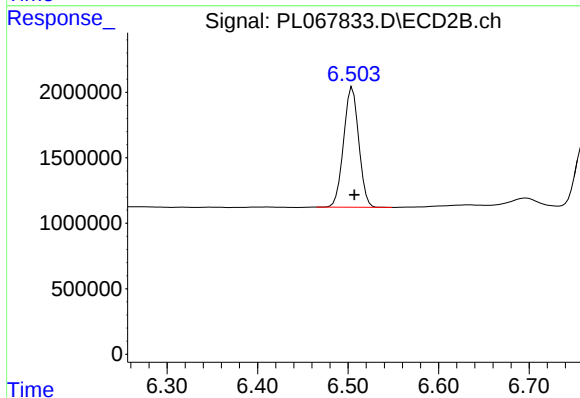
#3 gamma-BHC (Lindane)

R.T.: 5.597 min  
Delta R.T.: -0.003 min  
Response: 7292078  
Conc: 9.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

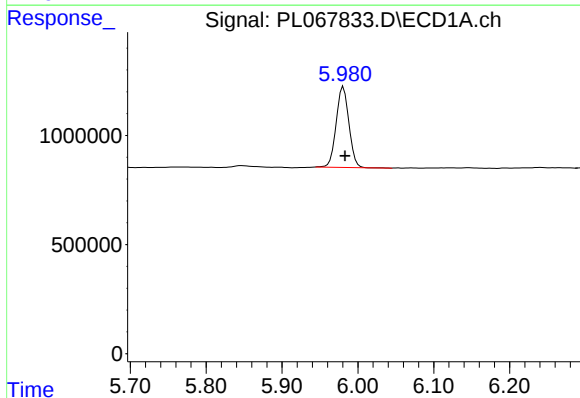
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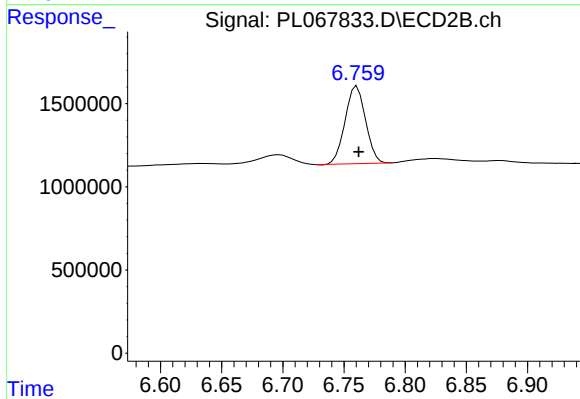
#3 gamma-BHC (Lindane)

R.T.: 6.505 min  
Delta R.T.: -0.002 min  
Response: 10673620  
Conc: 9.05 ng/ml



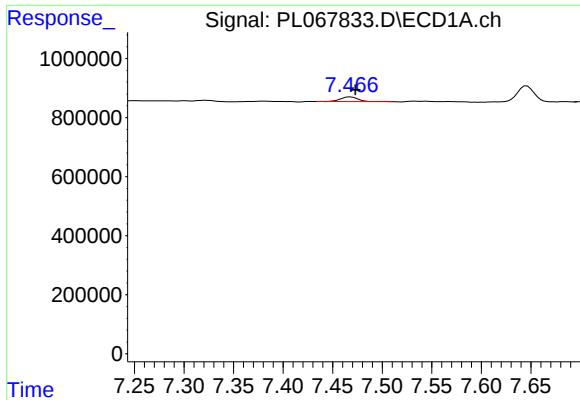
#6 beta-BHC

R.T.: 5.981 min  
Delta R.T.: -0.002 min  
Response: 4319718  
Conc: 12.07 ng/ml



#6 beta-BHC

R.T.: 6.761 min  
Delta R.T.: -0.001 min  
Response: 5420101  
Conc: 9.98 ng/ml



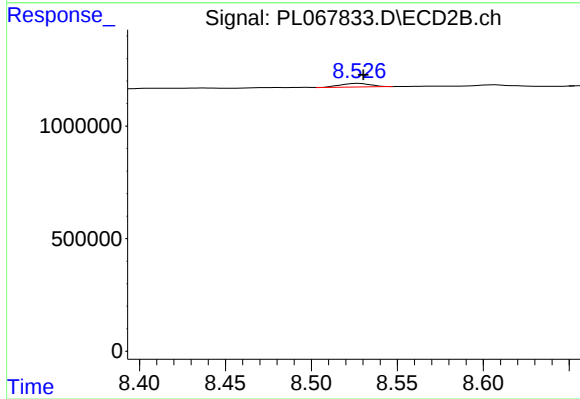
#12 4,4'-DDE

R.T.: 7.468 min  
Delta R.T.: -0.005 min  
Response: 190495  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

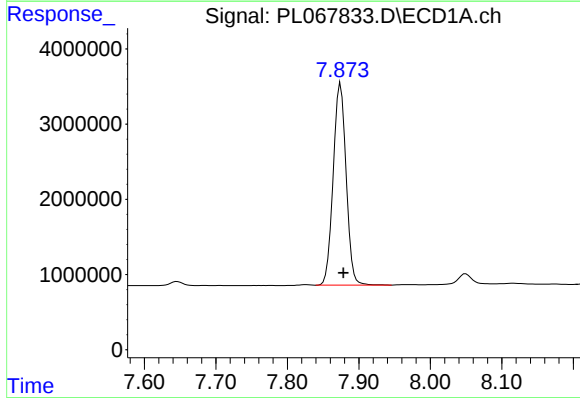
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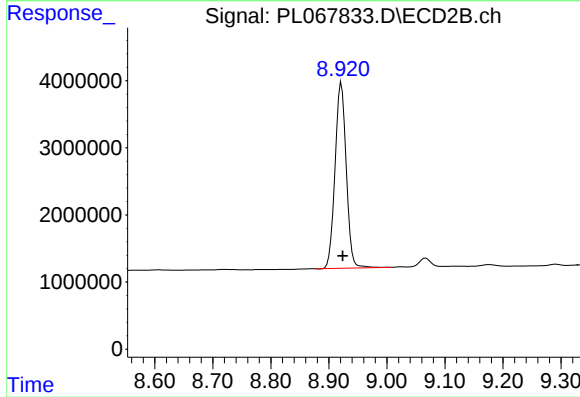
#12 4,4'-DDE

R.T.: 8.526 min  
Delta R.T.: -0.004 min  
Response: 200829  
Conc: 0.22 ng/ml m



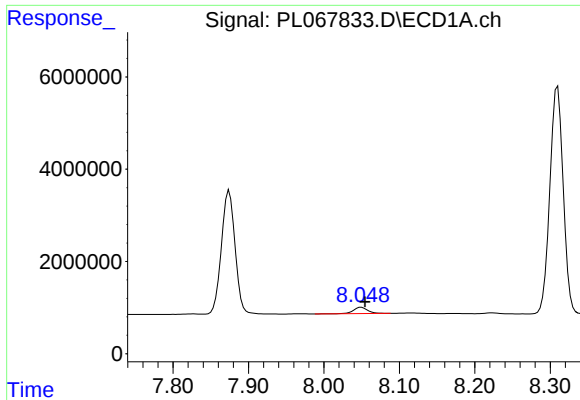
#14 Endrin

R.T.: 7.874 min  
Delta R.T.: -0.004 min  
Response: 33736838  
Conc: 51.46 ng/ml



#14 Endrin

R.T.: 8.921 min  
Delta R.T.: -0.002 min  
Response: 37255814  
Conc: 48.71 ng/ml



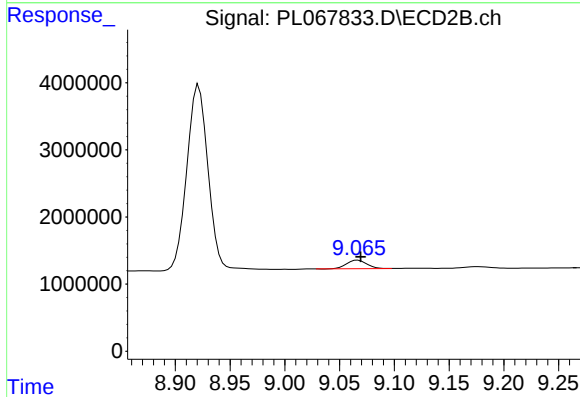
#16 4,4'-DDD

R.T.: 8.050 min  
Delta R.T.: -0.005 min  
Response: 1795928  
Conc: 3.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

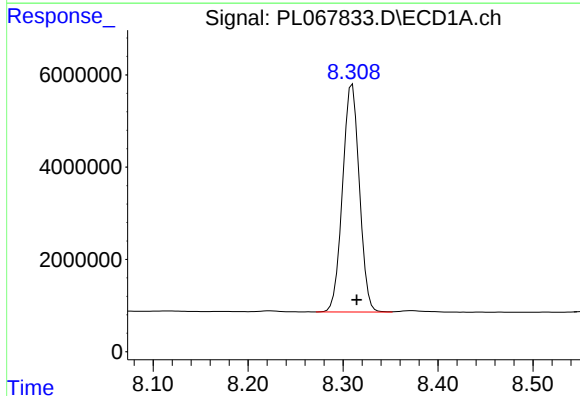
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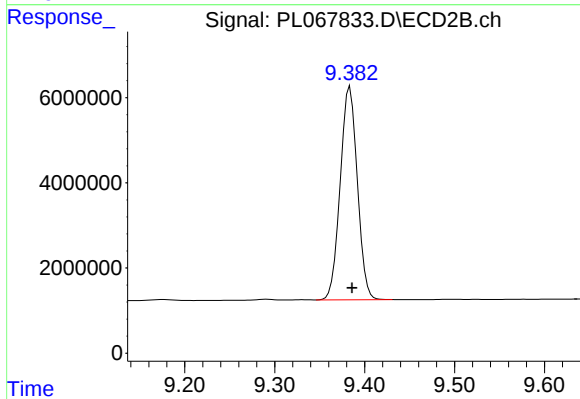
#16 4,4'-DDD

R.T.: 9.067 min  
Delta R.T.: -0.003 min  
Response: 1665414  
Conc: 2.34 ng/ml



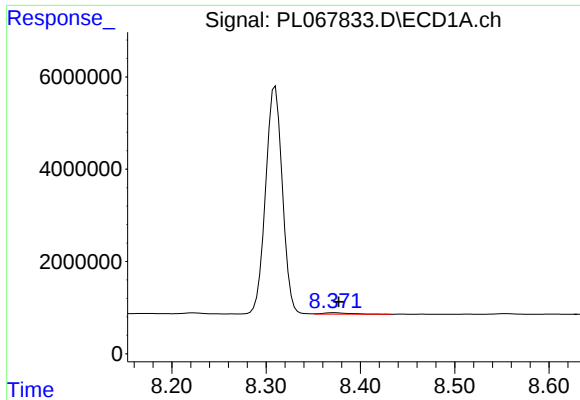
#17 4,4'-DDT

R.T.: 8.310 min  
Delta R.T.: -0.005 min  
Response: 60856876  
Conc: 104.59 ng/ml



#17 4,4'-DDT

R.T.: 9.384 min  
Delta R.T.: -0.002 min  
Response: 66148846  
Conc: 90.23 ng/ml



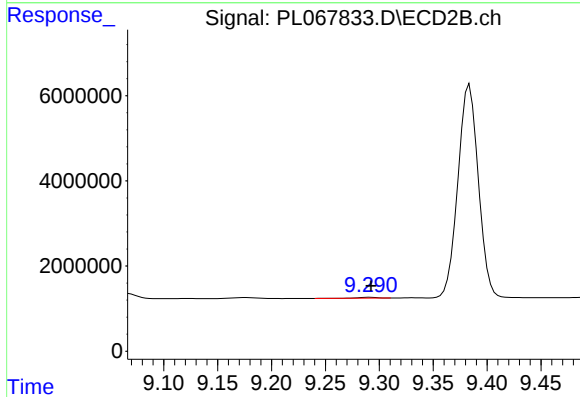
#18 Endrin aldehyde

R.T.: 8.372 min  
Delta R.T.: -0.005 min  
Response: 562522  
Conc: 1.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

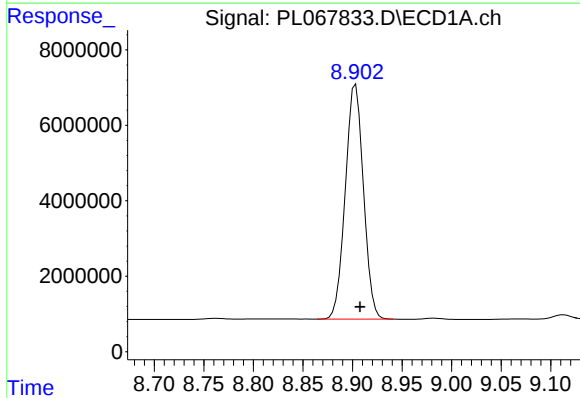
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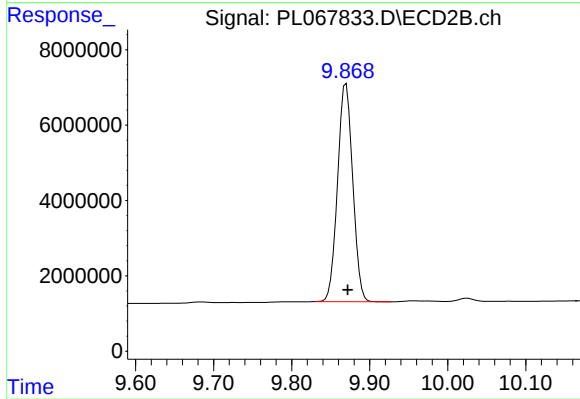
#18 Endrin aldehyde

R.T.: 9.291 min  
Delta R.T.: -0.002 min  
Response: 224466  
Conc: 0.35 ng/ml



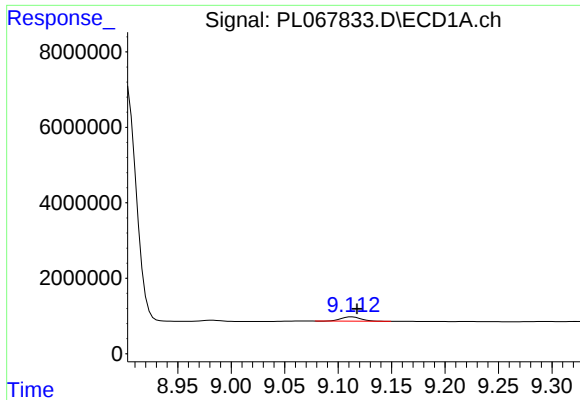
#20 Methoxychlor

R.T.: 8.903 min  
Delta R.T.: -0.004 min  
Response: 79313498  
Conc: 223.12 ng/ml



#20 Methoxychlor

R.T.: 9.870 min  
Delta R.T.: -0.002 min  
Response: 78164674  
Conc: 201.04 ng/ml



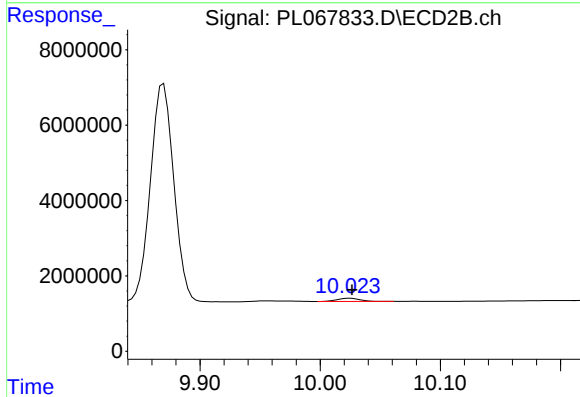
#21 Endrin ketone

R.T.: 9.113 min  
Delta R.T.: -0.004 min  
Response: 1471778  
Conc: 1.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

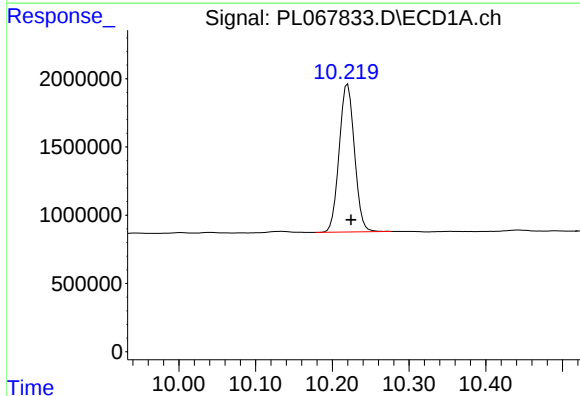
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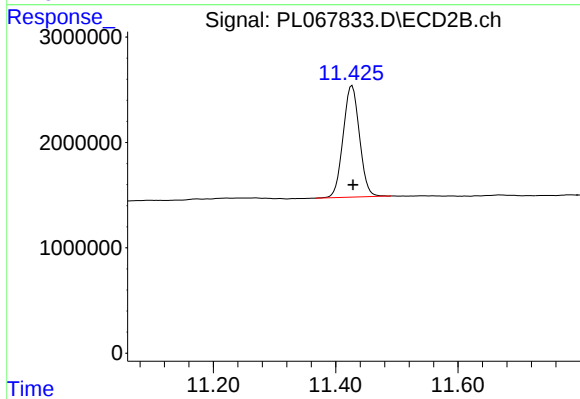
#21 Endrin ketone

R.T.: 10.025 min  
Delta R.T.: -0.002 min  
Response: 1157672  
Conc: 1.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.220 min  
Delta R.T.: -0.004 min  
Response: 14995243  
Conc: 21.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.427 min  
Delta R.T.: -0.002 min  
Response: 19667198  
Conc: 19.75 ng/ml