

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071921\  
 Data File : PL068246.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jul 2021 04:13  
 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: Jul 20 04:22:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 03:26:29 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... | 4.645  | 5.572  | 8825140  | 20765531 | 20.563  | 20.350  |
| 28)                         | SA Decachlor... | 10.424 | 11.494 | 10901080 | 17606840 | 19.382  | 19.739  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.353  | 6.151  | 5128036  | 12746317 | 8.760   | 9.375   |
| 3)                          | MA gamma-BHC... | 5.776  | 6.547  | 5601298  | 12323346 | 9.854   | 9.551   |
| 6)                          | B beta-BHC      | 6.155  | 6.800  | 3445093  | 7443903  | 11.773  | 10.537  |
| 12)                         | B 4,4'-DDE      | 7.651  | 8.567  | 61463    | 137302   | 0.122m  | 0.133m  |
| 14)                         | MA Endrin       | 8.072  | 8.969  | 25683398 | 41944640 | 51.357  | 46.909  |
| 16)                         | A 4,4'-DDD      | 8.238  | 9.109  | 629540   | 1071254  | 1.409   | 1.258m  |
| 17)                         | MA 4,4'-DDT     | 8.501  | 9.429  | 49094428 | 84872758 | 97.877  | 89.923  |
| 18)                         | B Endrin al...  | 8.576  | 9.334  | 212047   | 180320   | 0.535m  | 0.250m# |
| 20)                         | A Methoxychlor  | 9.096  | 9.913  | 68929376 | 112.3E6  | 220.357 | 221.061 |
| 21)                         | B Endrin ke...  | 9.319  | 10.072 | 1066245  | 711934   | 1.801m  | 0.714 # |
| -----                       |                 |        |        |          |          |         |         |

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

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Acq On : 20 Jul 2021 04:13  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

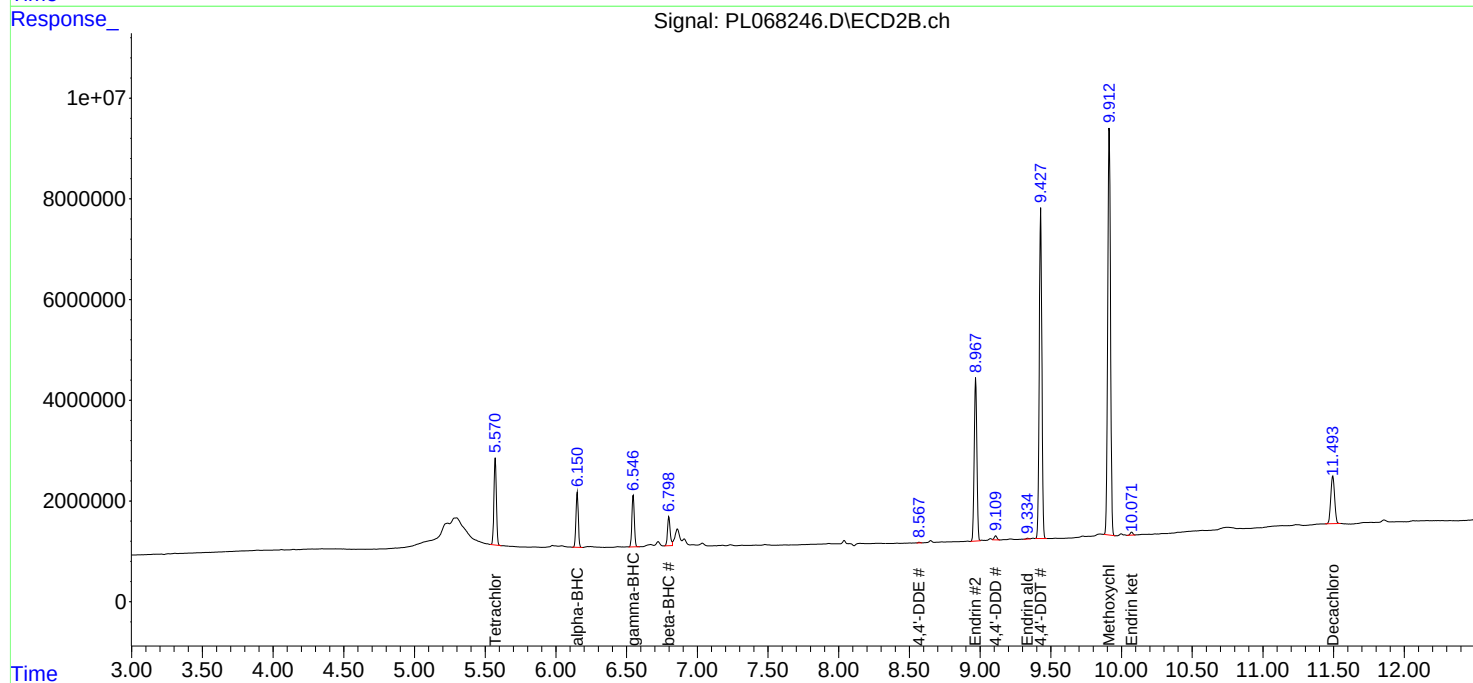
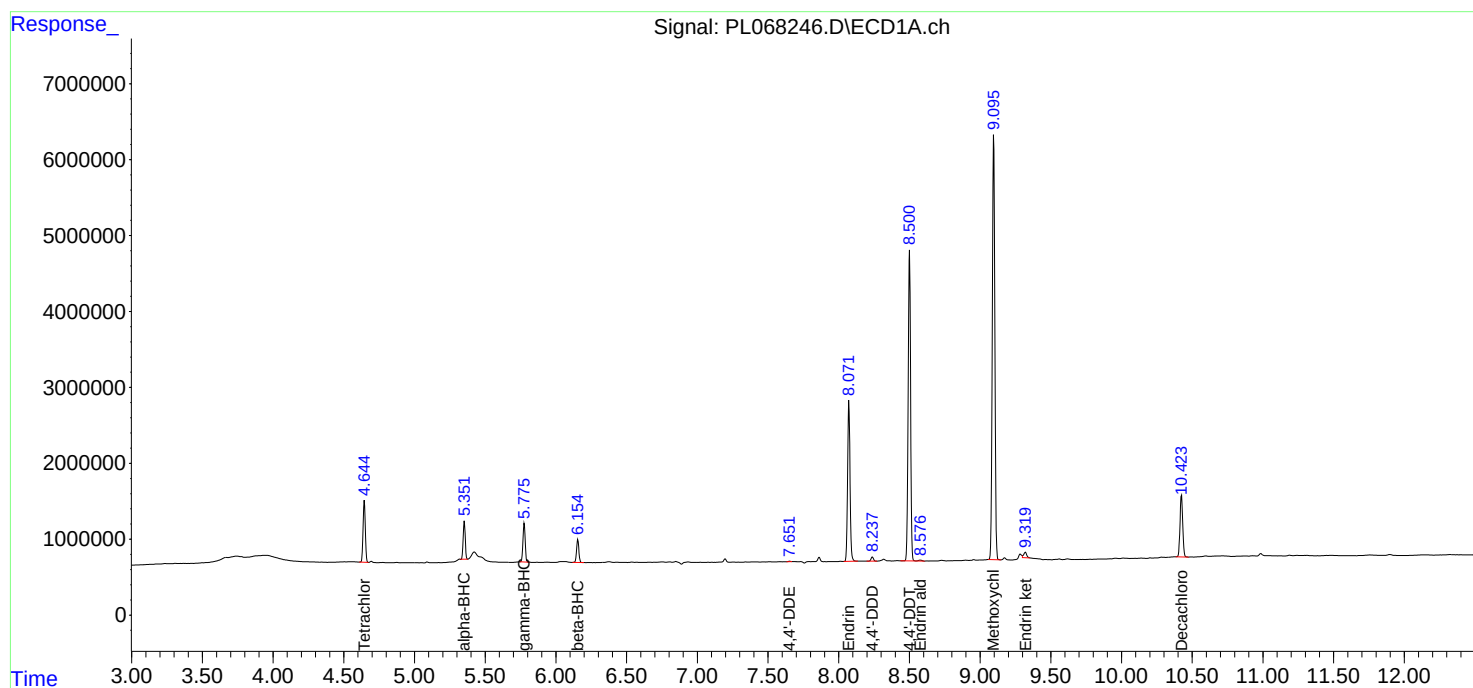
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

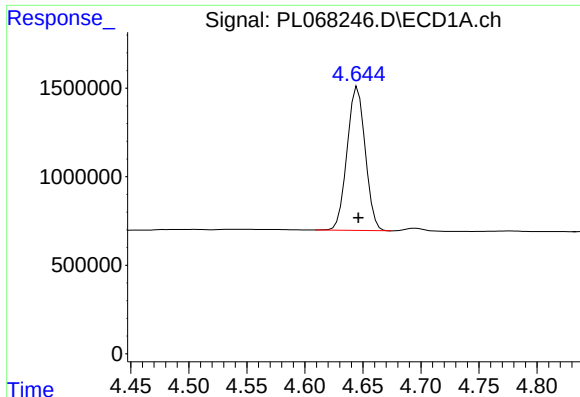
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Integration File signal 1: autoint1.e  
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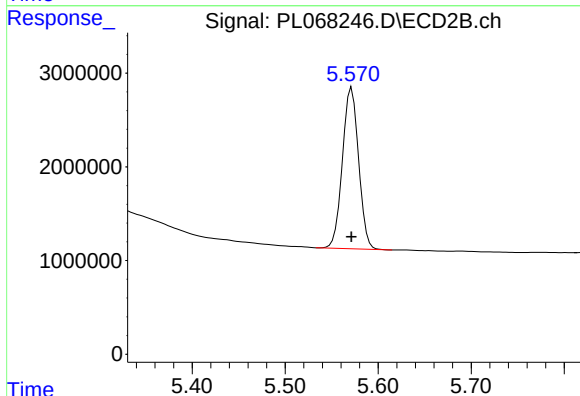
#1 Tetrachloro-m-xylene

R.T.: 4.645 min  
Delta R.T.: 0.000 min  
Response: 8825140  
Conc: 20.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

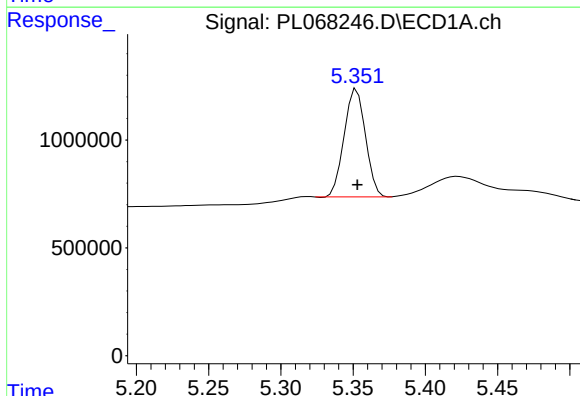
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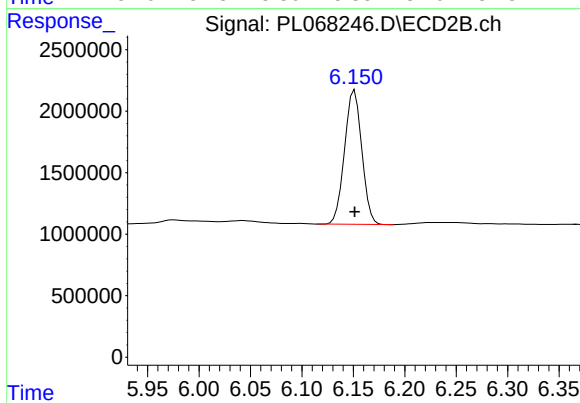
#1 Tetrachloro-m-xylene

R.T.: 5.572 min  
Delta R.T.: 0.000 min  
Response: 20765531  
Conc: 20.35 ng/ml



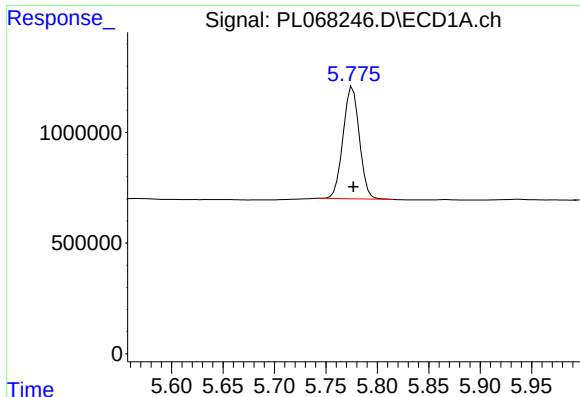
#2 alpha-BHC

R.T.: 5.353 min  
Delta R.T.: 0.000 min  
Response: 5128036  
Conc: 8.76 ng/ml



#2 alpha-BHC

R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 12746317  
Conc: 9.37 ng/ml



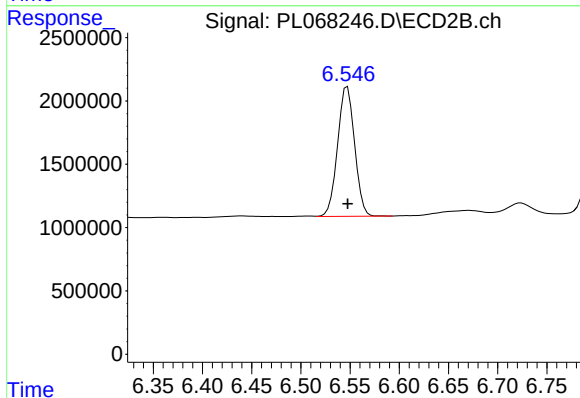
#3 gamma-BHC (Lindane)

R.T.: 5.776 min  
Delta R.T.: 0.000 min  
Response: 5601298  
Conc: 9.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

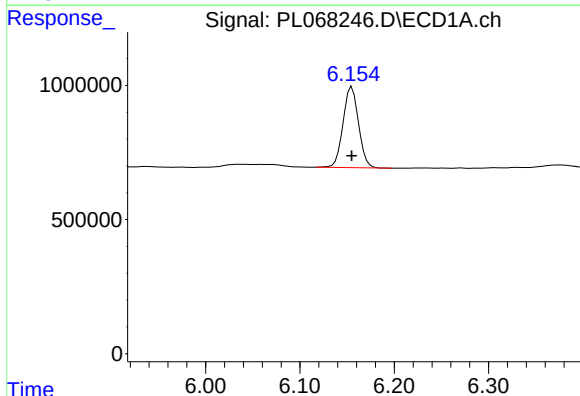
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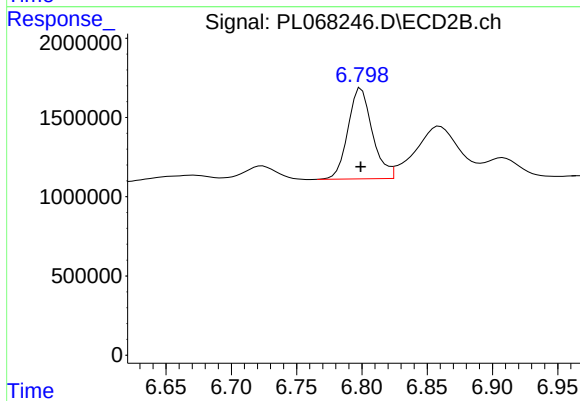
#3 gamma-BHC (Lindane)

R.T.: 6.547 min  
Delta R.T.: 0.000 min  
Response: 12323346  
Conc: 9.55 ng/ml



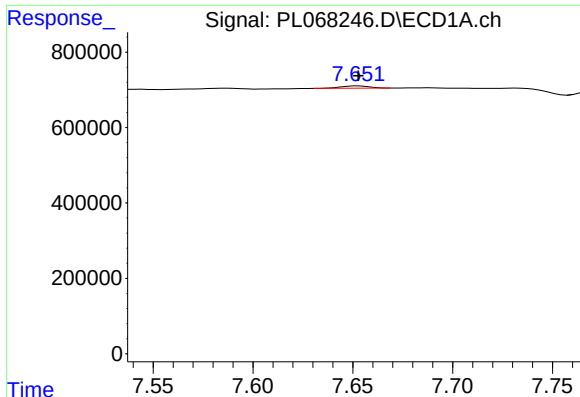
#6 beta-BHC

R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 3445093  
Conc: 11.77 ng/ml



#6 beta-BHC

R.T.: 6.800 min  
Delta R.T.: 0.000 min  
Response: 7443903  
Conc: 10.54 ng/ml



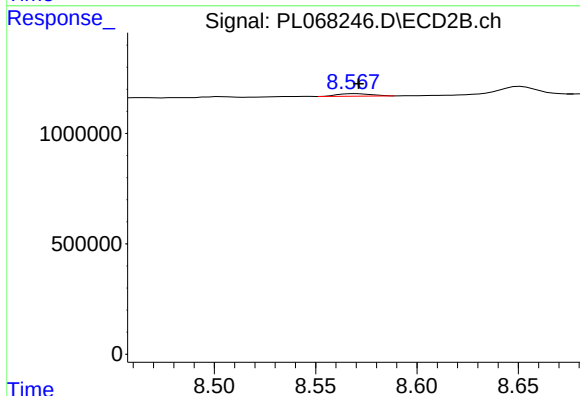
#12 4,4'-DDE

R.T.: 7.651 min  
Delta R.T.: -0.001 min  
Response: 61463  
Conc: 0.12 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

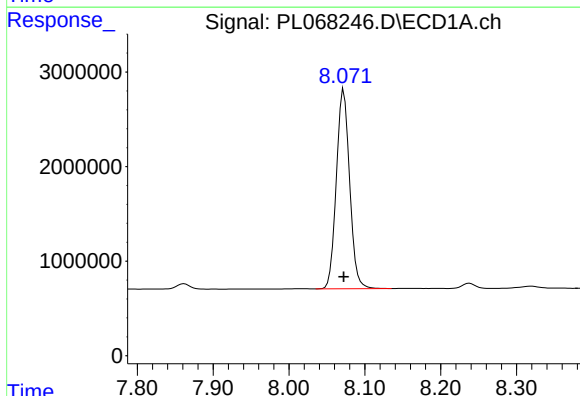
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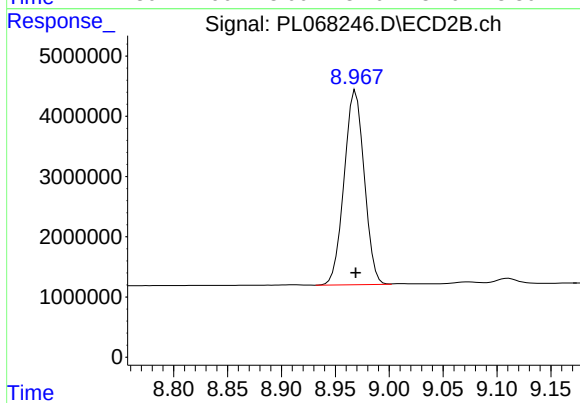
#12 4,4'-DDE

R.T.: 8.567 min  
Delta R.T.: -0.004 min  
Response: 137302  
Conc: 0.13 ng/ml m



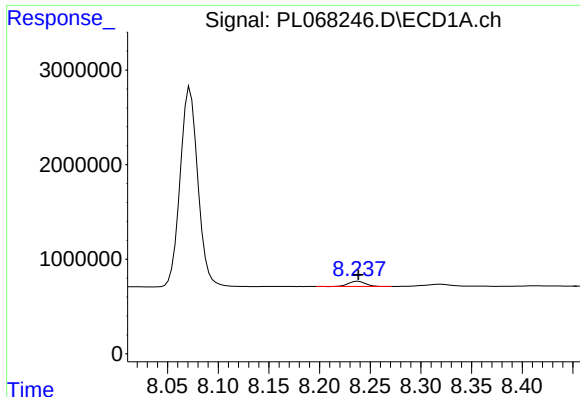
#14 Endrin

R.T.: 8.072 min  
Delta R.T.: 0.000 min  
Response: 25683398  
Conc: 51.36 ng/ml



#14 Endrin

R.T.: 8.969 min  
Delta R.T.: 0.000 min  
Response: 41944640  
Conc: 46.91 ng/ml



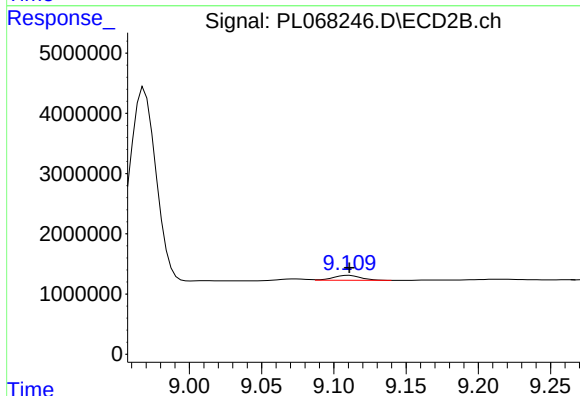
#16 4,4'-DDD

R.T.: 8.238 min  
Delta R.T.: 0.000 min  
Response: 629540  
Conc: 1.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

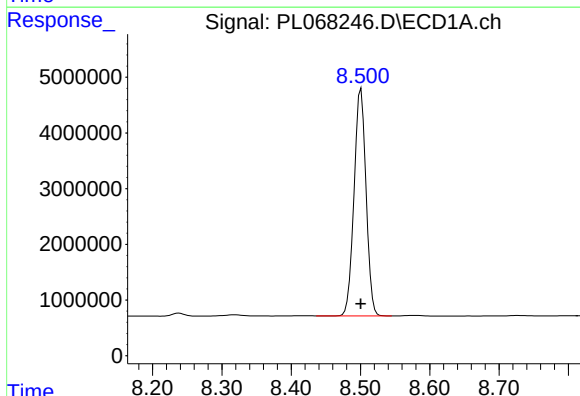
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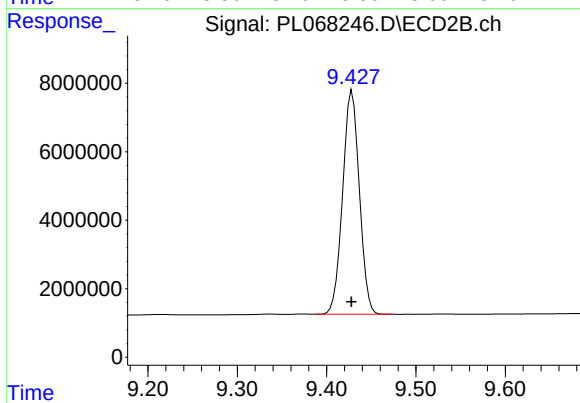
#16 4,4'-DDD

R.T.: 9.109 min  
Delta R.T.: -0.002 min  
Response: 1071254  
Conc: 1.26 ng/ml m



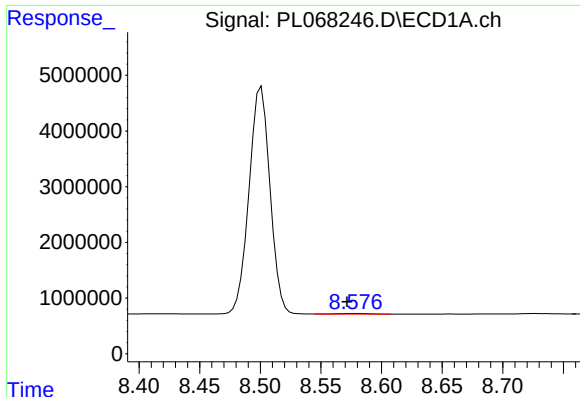
#17 4,4'-DDT

R.T.: 8.501 min  
Delta R.T.: 0.000 min  
Response: 49094428  
Conc: 97.88 ng/ml



#17 4,4'-DDT

R.T.: 9.429 min  
Delta R.T.: 0.000 min  
Response: 84872758  
Conc: 89.92 ng/ml



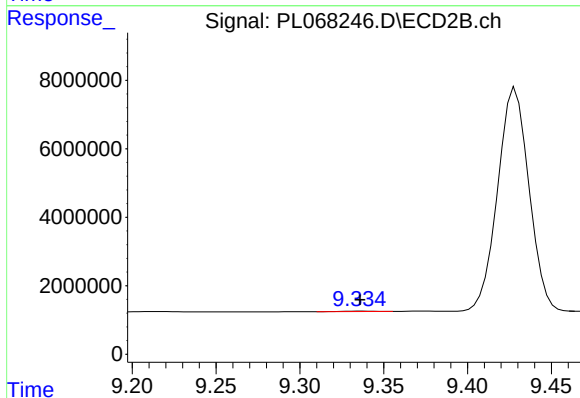
#18 Endrin aldehyde

R.T.: 8.576 min  
Delta R.T.: 0.005 min  
Response: 212047  
Conc: 0.54 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

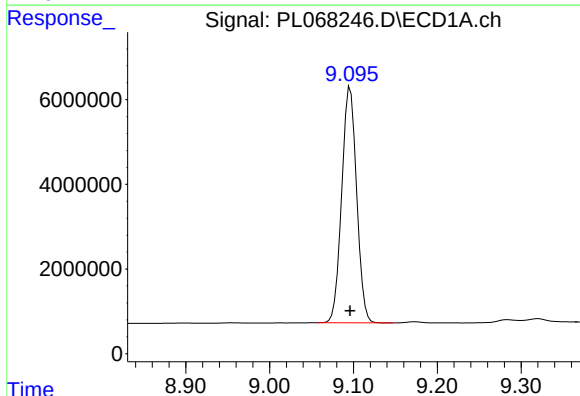
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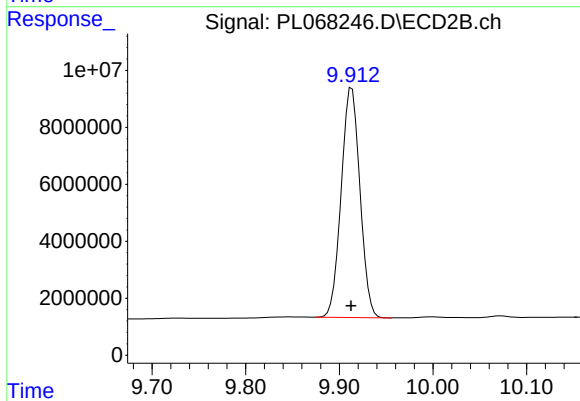
#18 Endrin aldehyde

R.T.: 9.334 min  
Delta R.T.: -0.002 min  
Response: 180320  
Conc: 0.25 ng/ml m



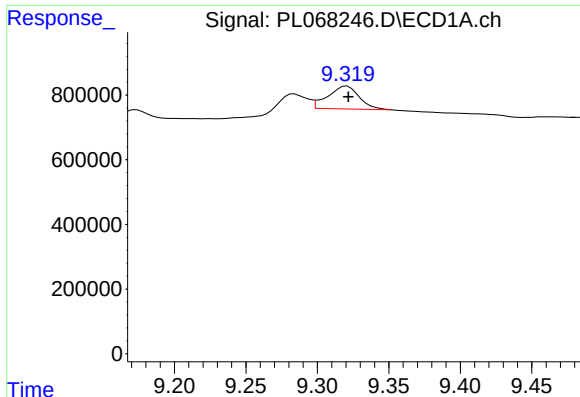
#20 Methoxychlor

R.T.: 9.096 min  
Delta R.T.: 0.000 min  
Response: 68929376  
Conc: 220.36 ng/ml



#20 Methoxychlor

R.T.: 9.913 min  
Delta R.T.: 0.000 min  
Response: 112307169  
Conc: 221.06 ng/ml



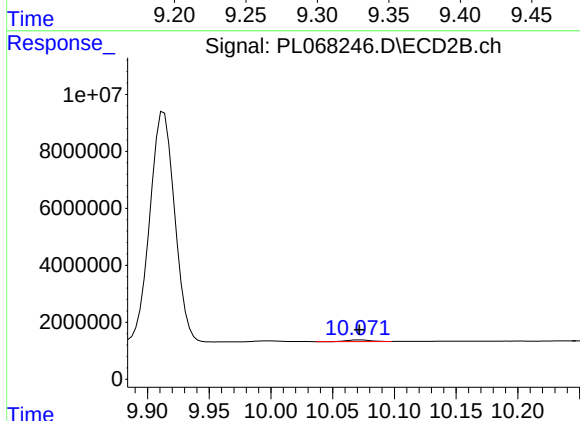
#21 Endrin ketone

R.T.: 9.319 min  
Delta R.T.: -0.002 min  
Response: 1066245  
Conc: 1.80 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

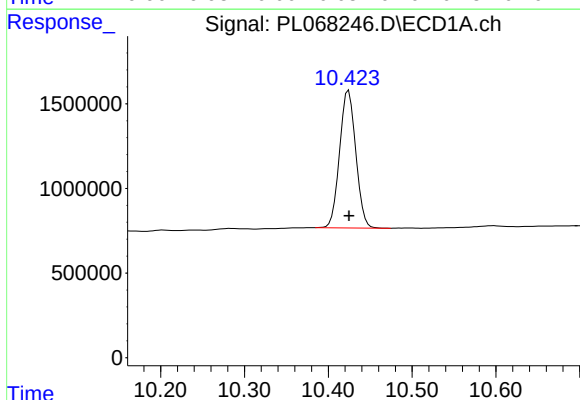
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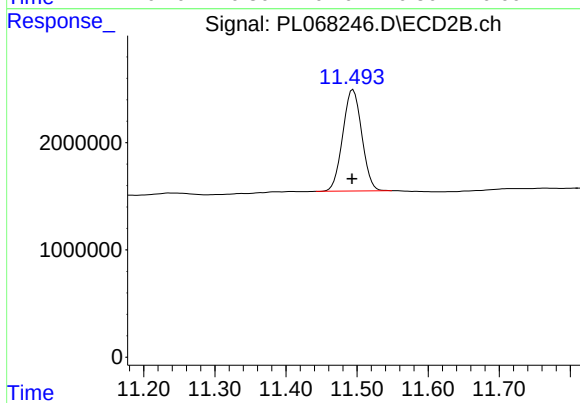
#21 Endrin ketone

R.T.: 10.072 min  
Delta R.T.: 0.000 min  
Response: 711934  
Conc: 0.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.424 min  
Delta R.T.: 0.000 min  
Response: 10901080  
Conc: 19.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.494 min  
Delta R.T.: 0.001 min  
Response: 17606840  
Conc: 19.74 ng/ml