

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081521\  
 Data File : PL068993.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2021 12:14  
 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: Aug 15 23:14:26 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 06 03:02:43 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... | 4.637  | 5.568  | 8810959  | 22234453 | 21.301  | 21.899  |
| 28)                         | SA Decachlor... | 10.406 | 11.490 | 13094850 | 20664356 | 22.786  | 21.298  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.343  | 6.148  | 5039943  | 13905944 | 9.111   | 10.211  |
| 3)                          | MA gamma-BHC... | 5.766  | 6.544  | 5521831  | 13449961 | 10.174  | 10.337  |
| 6)                          | B beta-BHC      | 6.146  | 6.797  | 3577261  | 8621078  | 12.690  | 13.307  |
| 12)                         | B 4,4'-DDE      | 7.638  | 8.568  | 140079   | 248469   | 0.290m  | 0.235   |
| 14)                         | MA Endrin       | 8.059  | 8.965  | 25703791 | 46497893 | 53.336  | 51.227  |
| 16)                         | A 4,4'-DDD      | 8.224  | 9.107  | 1746633  | 3046538  | 4.070   | 3.565   |
| 17)                         | MA 4,4'-DDT     | 8.486  | 9.425  | 49646897 | 90994182 | 102.225 | 96.150  |
| 18)                         | B Endrin al...  | 8.558  | 9.332  | 364121   | 394067   | 0.971m  | 0.562m# |
| 20)                         | A Methoxychlor  | 9.080  | 9.910  | 68732231 | 111.2E6  | 219.562 | 213.612 |
| 21)                         | B Endrin ke...  | 9.306  | 10.068 | 1765380  | 2259062  | 3.018   | 2.219 # |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081521\  
Data File : PL068993.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2021 12:14  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

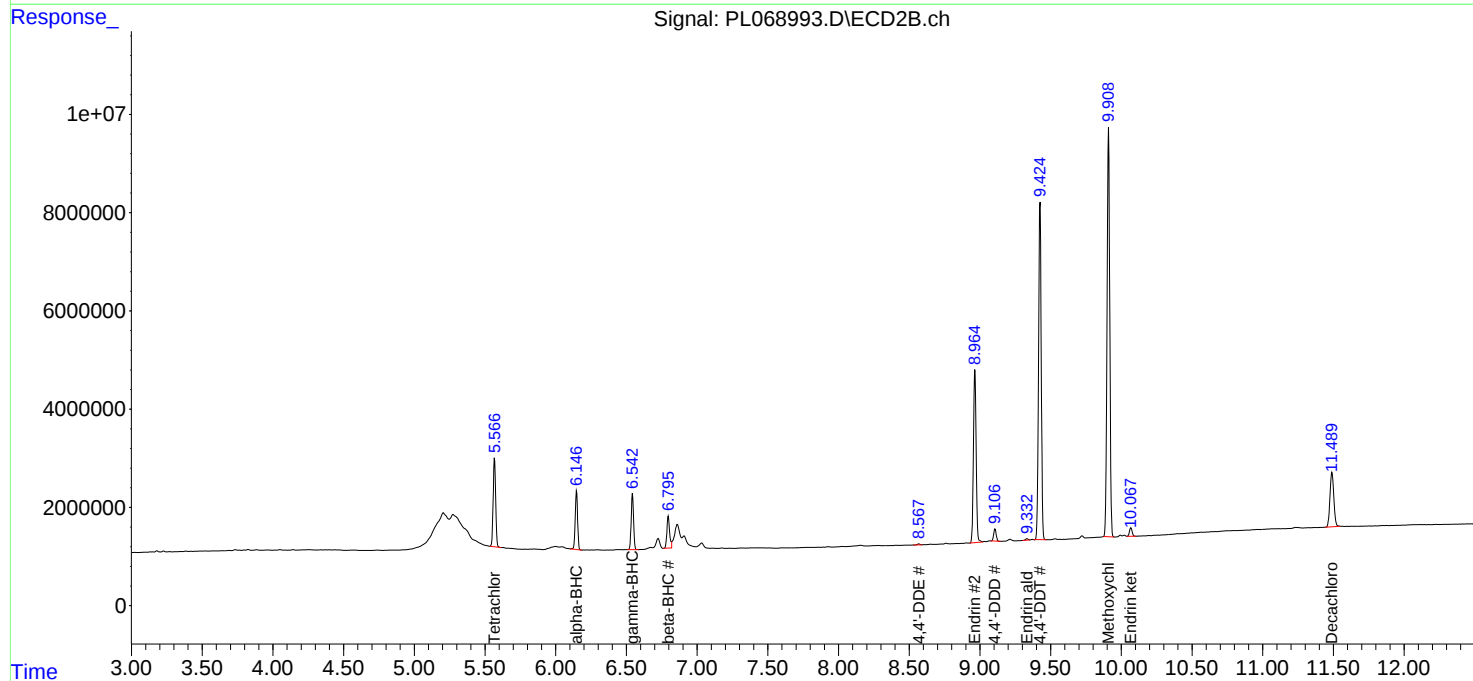
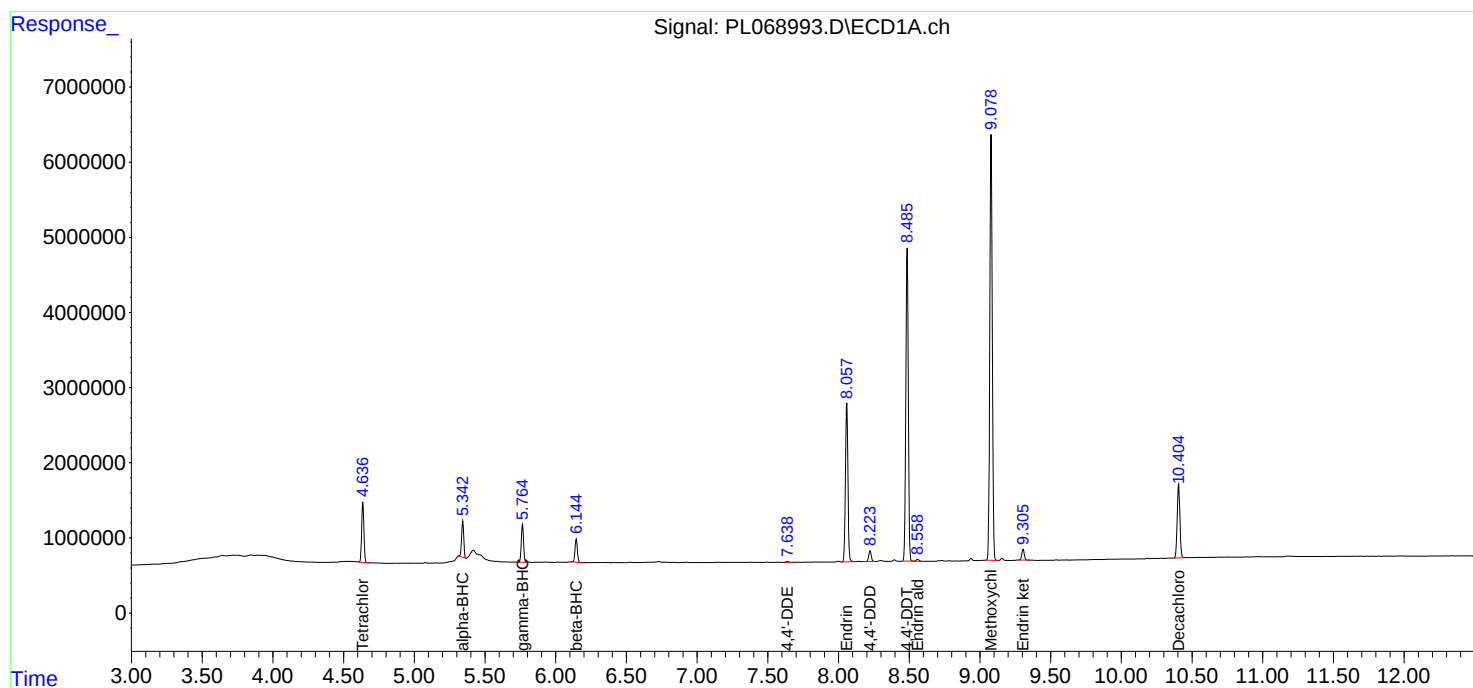
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

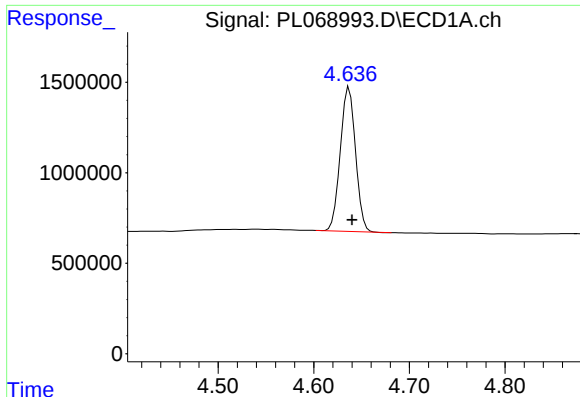
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 15 23:14:26 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 06 03:02:43 2021  
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





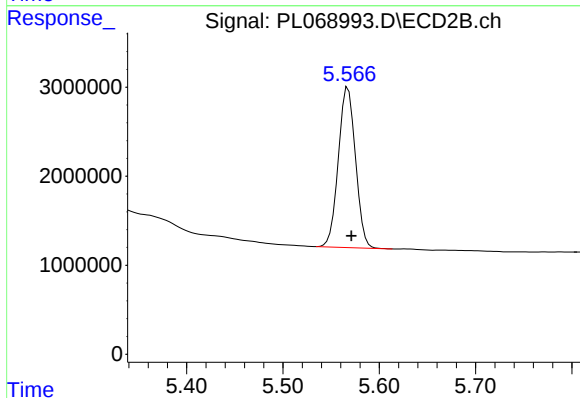
#1 Tetrachloro-m-xylene

R.T.: 4.637 min  
Delta R.T.: -0.003 min  
Response: 8810959  
Conc: 21.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

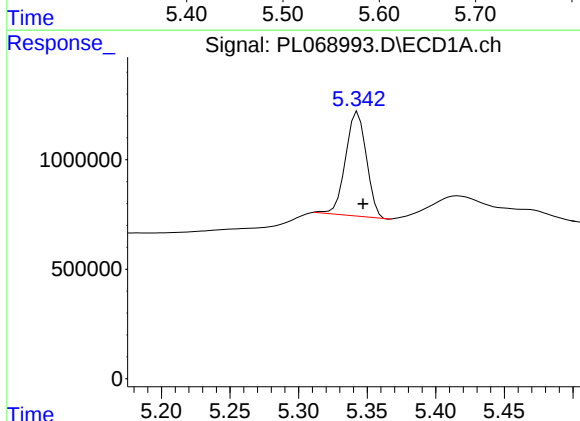
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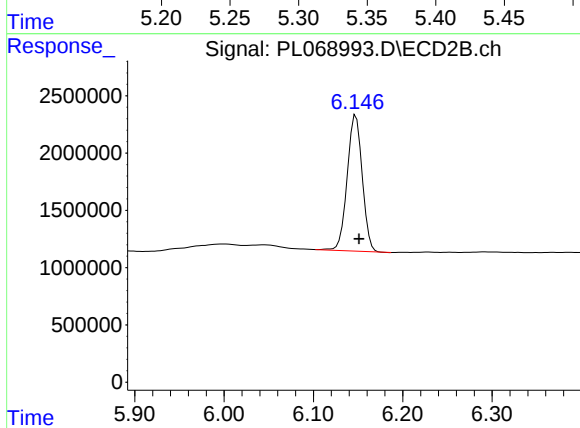
#1 Tetrachloro-m-xylene

R.T.: 5.568 min  
Delta R.T.: -0.003 min  
Response: 22234453  
Conc: 21.90 ng/ml



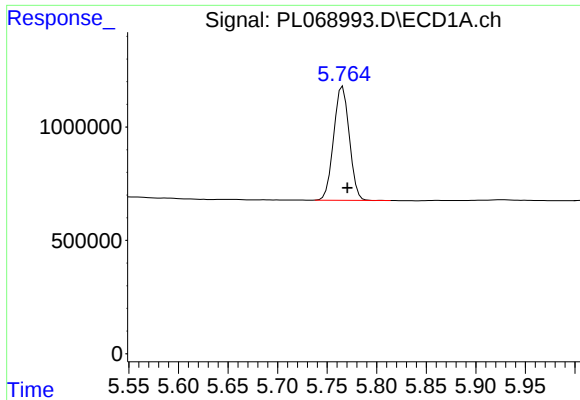
#2 alpha-BHC

R.T.: 5.343 min  
Delta R.T.: -0.004 min  
Response: 5039943  
Conc: 9.11 ng/ml



#2 alpha-BHC

R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 13905944  
Conc: 10.21 ng/ml



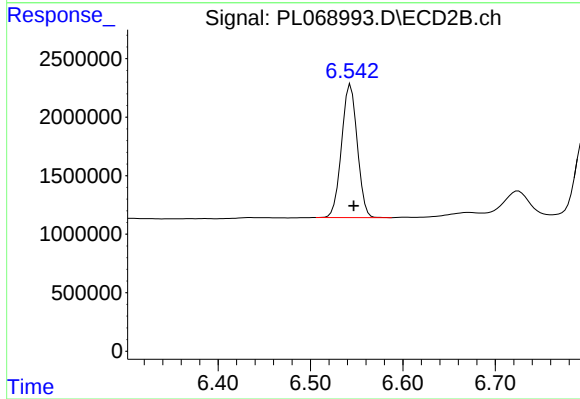
#3 gamma-BHC (Lindane)

R.T.: 5.766 min  
Delta R.T.: -0.005 min  
Response: 5521831  
Conc: 10.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

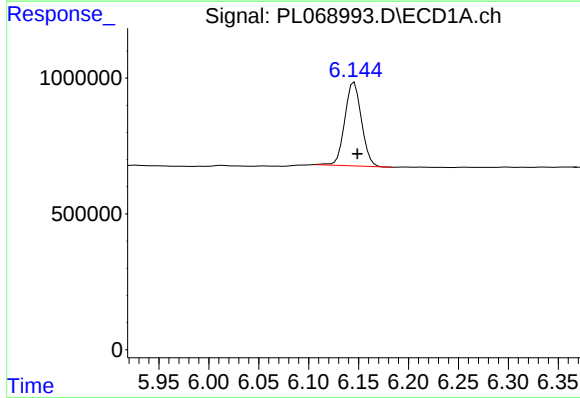
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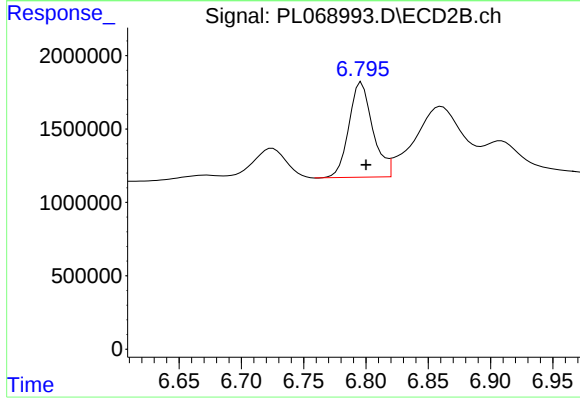
#3 gamma-BHC (Lindane)

R.T.: 6.544 min  
Delta R.T.: -0.003 min  
Response: 13449961  
Conc: 10.34 ng/ml



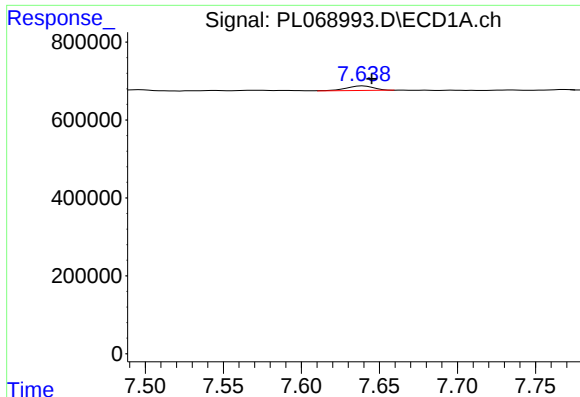
#6 beta-BHC

R.T.: 6.146 min  
Delta R.T.: -0.003 min  
Response: 3577261  
Conc: 12.69 ng/ml



#6 beta-BHC

R.T.: 6.797 min  
Delta R.T.: -0.004 min  
Response: 8621078  
Conc: 13.31 ng/ml



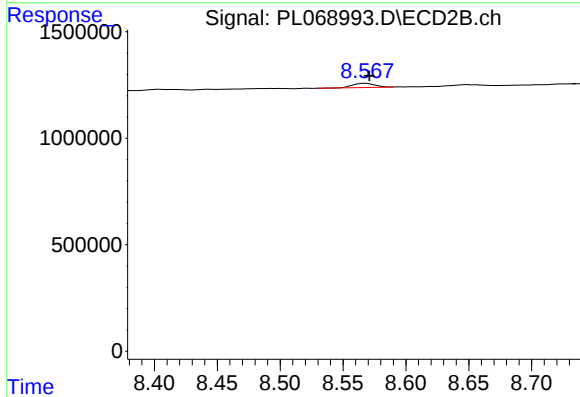
#12 4,4'-DDE

R.T.: 7.638 min  
Delta R.T.: -0.007 min  
Response: 140079  
Conc: 0.29 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

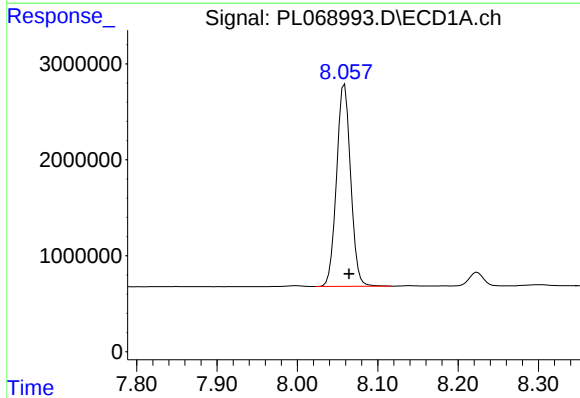
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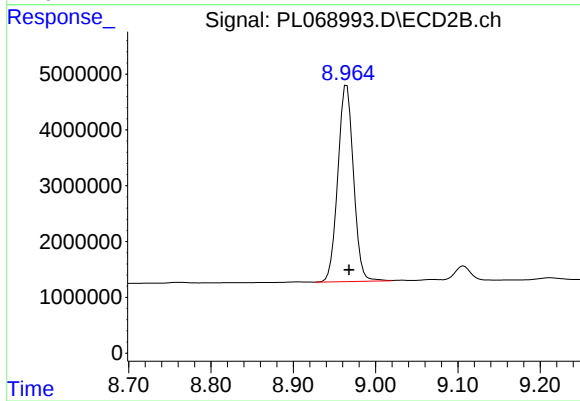
#12 4,4'-DDE

R.T.: 8.568 min  
Delta R.T.: -0.003 min  
Response: 248469  
Conc: 0.24 ng/ml



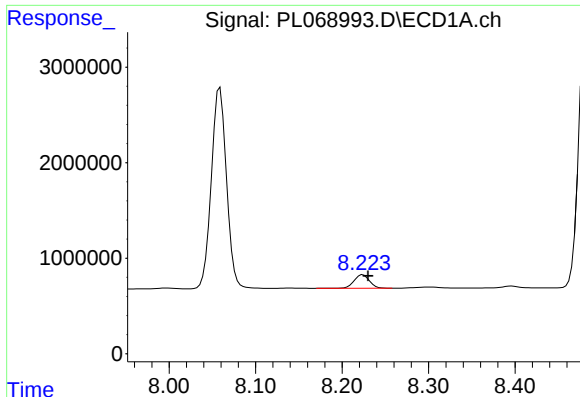
#14 Endrin

R.T.: 8.059 min  
Delta R.T.: -0.006 min  
Response: 25703791  
Conc: 53.34 ng/ml



#14 Endrin

R.T.: 8.965 min  
Delta R.T.: -0.003 min  
Response: 46497893  
Conc: 51.23 ng/ml



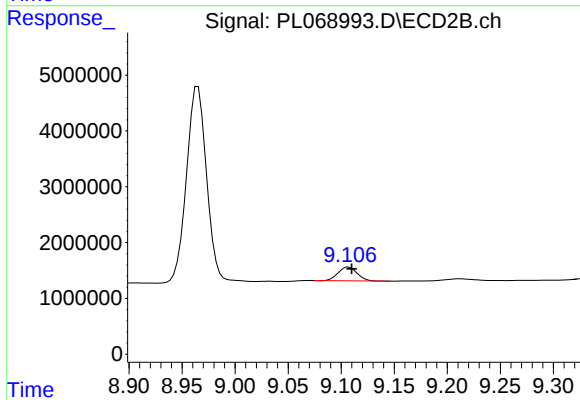
#16 4,4'-DDD

R.T.: 8.224 min  
Delta R.T.: -0.006 min  
Response: 1746633  
Conc: 4.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

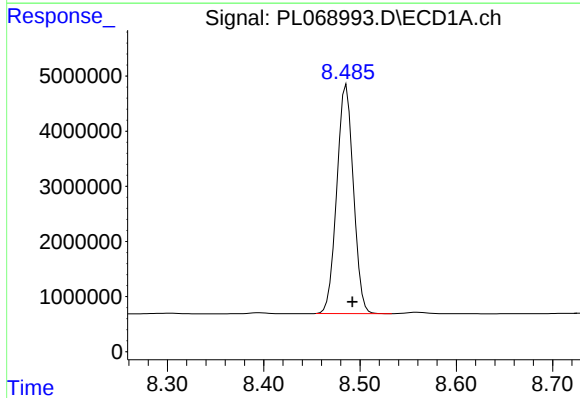
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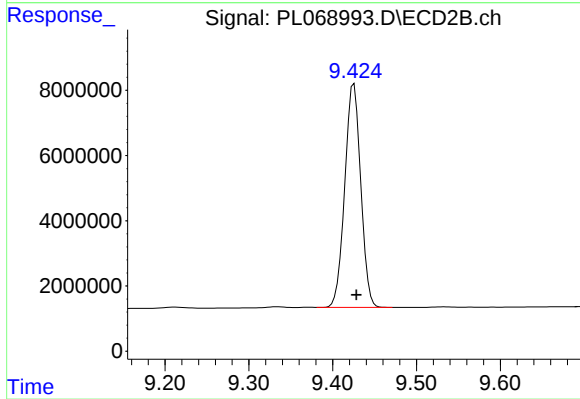
#16 4,4'-DDD

R.T.: 9.107 min  
Delta R.T.: -0.003 min  
Response: 3046538  
Conc: 3.57 ng/ml



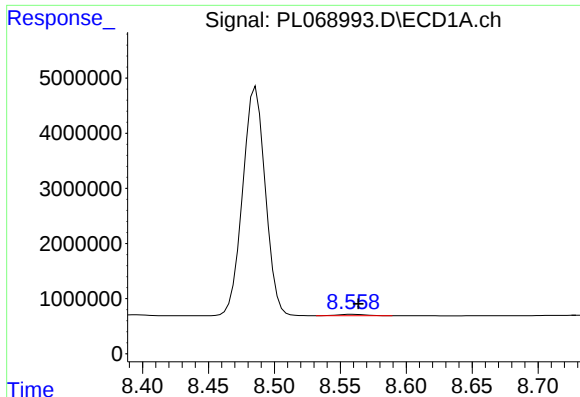
#17 4,4'-DDT

R.T.: 8.486 min  
Delta R.T.: -0.006 min  
Response: 49646897  
Conc: 102.22 ng/ml



#17 4,4'-DDT

R.T.: 9.425 min  
Delta R.T.: -0.003 min  
Response: 90994182  
Conc: 96.15 ng/ml



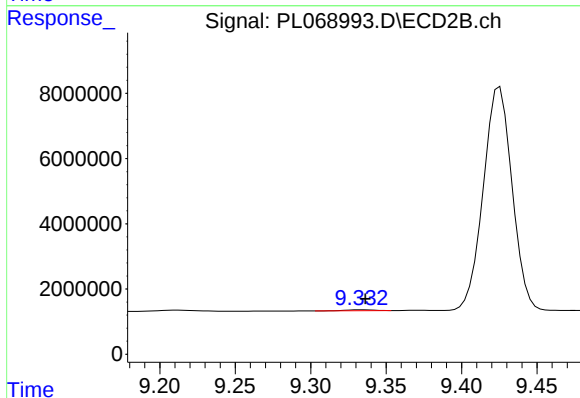
#18 Endrin aldehyde

R.T.: 8.558 min  
Delta R.T.: -0.006 min  
Response: 364121  
Conc: 0.97 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

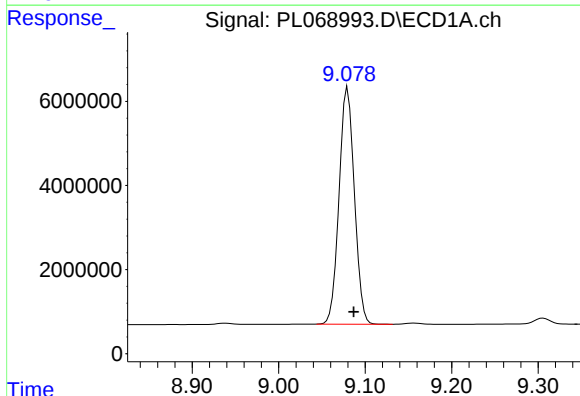
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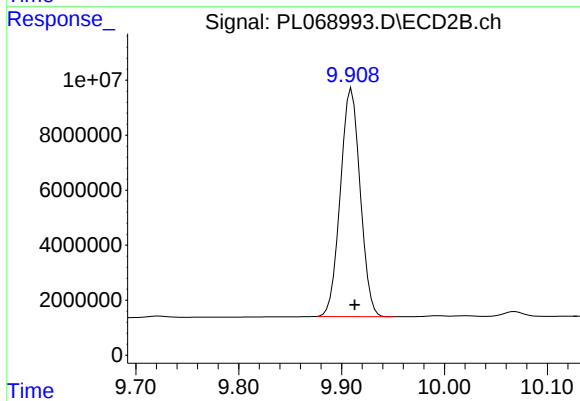
#18 Endrin aldehyde

R.T.: 9.332 min  
Delta R.T.: -0.004 min  
Response: 394067  
Conc: 0.56 ng/ml m



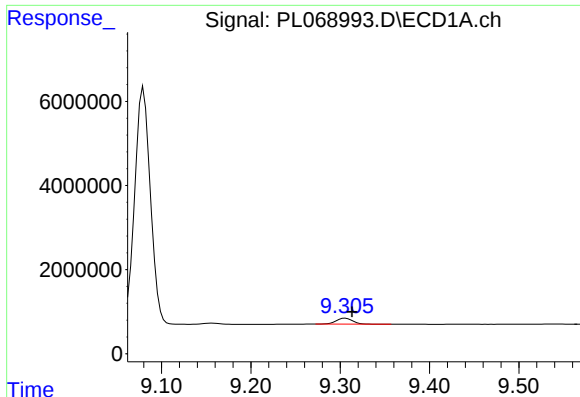
#20 Methoxychlor

R.T.: 9.080 min  
Delta R.T.: -0.007 min  
Response: 68732231  
Conc: 219.56 ng/ml



#20 Methoxychlor

R.T.: 9.910 min  
Delta R.T.: -0.003 min  
Response: 111162016  
Conc: 213.61 ng/ml



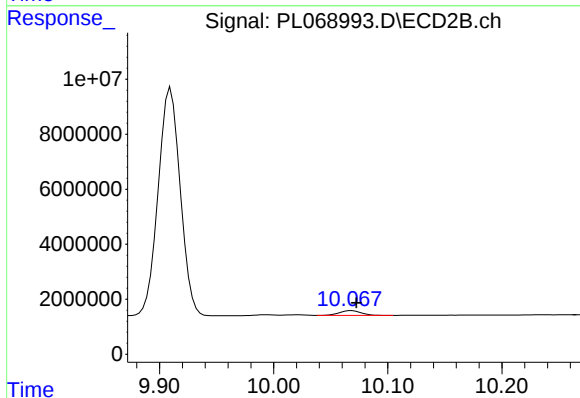
#21 Endrin ketone

R.T.: 9.306 min  
Delta R.T.: -0.007 min  
Response: 1765380  
Conc: 3.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

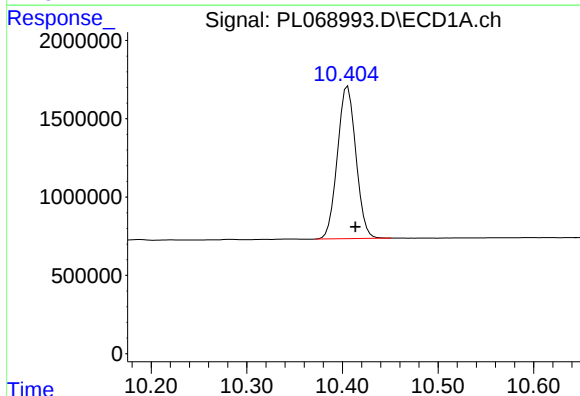
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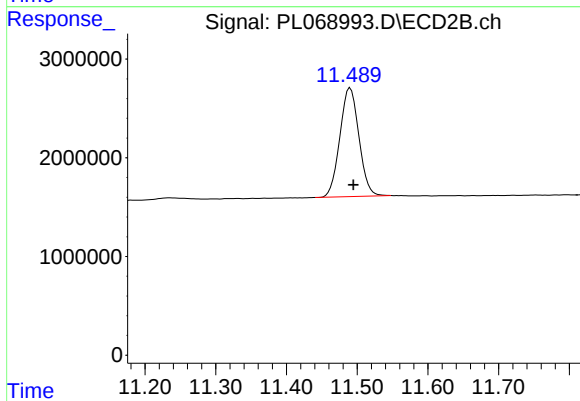
#21 Endrin ketone

R.T.: 10.068 min  
Delta R.T.: -0.004 min  
Response: 2259062  
Conc: 2.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.406 min  
Delta R.T.: -0.008 min  
Response: 13094850  
Conc: 22.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.490 min  
Delta R.T.: -0.005 min  
Response: 20664356  
Conc: 21.30 ng/ml