

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081221\  
 Data File : PL068934.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Aug 2021 10:45  
 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 13 05:17:54 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  | 8771683  | 23546756 | 21.206  | 23.191   |
| 28)                         | SA Decachlor... | 10.407 | 11.488 | 12636630 | 21200293 | 21.988  | 21.851   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 5.343  | 6.148  | 5950048  | 14765689 | 10.757  | 10.843   |
| 3)                          | MA gamma-BHC... | 5.766  | 6.544  | 5850509  | 14151152 | 10.780  | 10.876   |
| 6)                          | B beta-BHC      | 6.146  | 6.797  | 3530188  | 10505499 | 12.523  | 16.216 # |
| 12)                         | B 4,4'-DDE      | 7.639  | 8.566  | 73950    | 145211   | 0.153m  | 0.137    |
| 14)                         | MA Endrin       | 8.059  | 8.965  | 27615949 | 51753024 | 57.304  | 57.016   |
| 16)                         | A 4,4'-DDD      | 8.223  | 9.105  | 473482   | 941944   | 1.103m  | 1.102m   |
| 17)                         | MA 4,4'-DDT     | 8.486  | 9.425  | 55080843 | 104.7E6  | 113.413 | 110.646  |
| 18)                         | B Endrin al...  | 8.561  | 9.333  | 196008   | 184352   | 0.523m  | 0.263m#  |
| 20)                         | A Methoxychlor  | 9.081  | 9.909  | 77956975 | 133.3E6  | 249.031 | 256.247  |
| 21)                         | B Endrin ke...  | 9.305  | 10.068 | 1135030  | 1087360  | 1.940m  | 1.068 #  |
| -----                       |                 |        |        |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081221\  
Data File : PL068934.D  
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Acq On : 12 Aug 2021 10:45  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

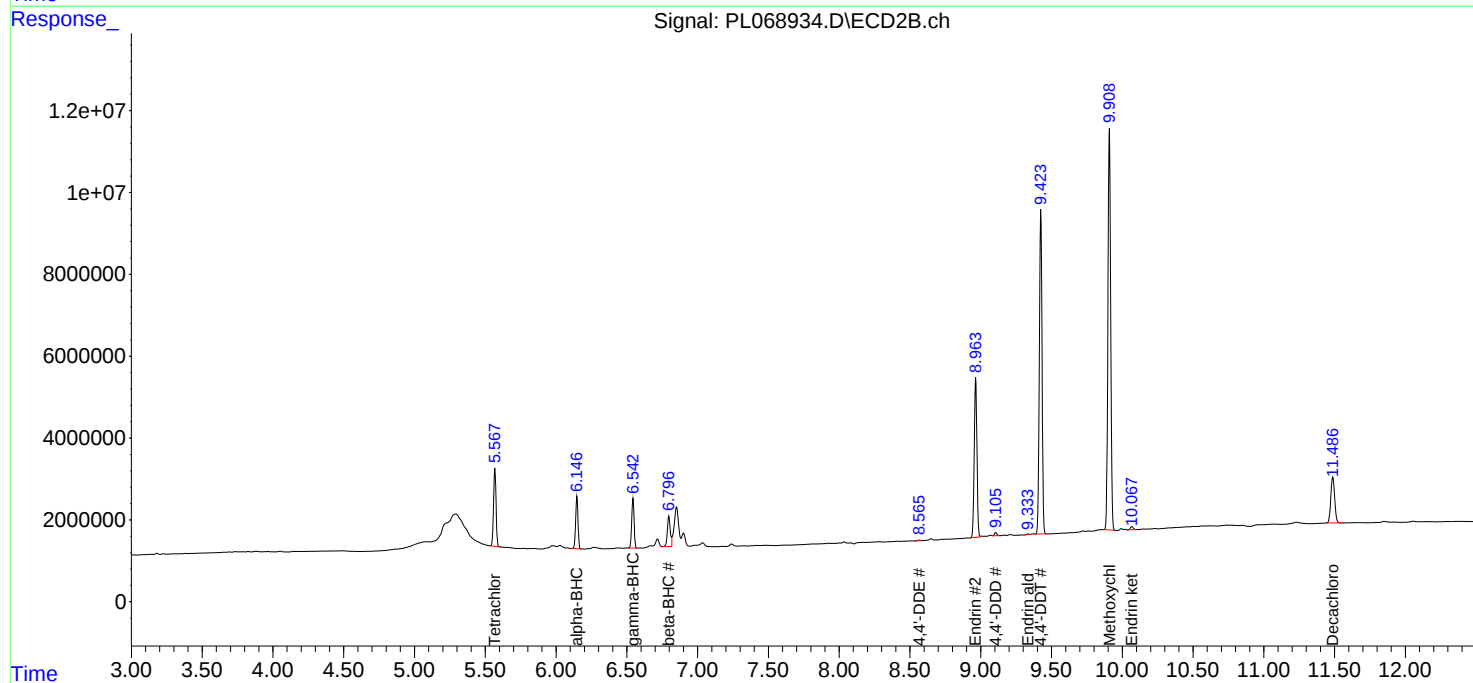
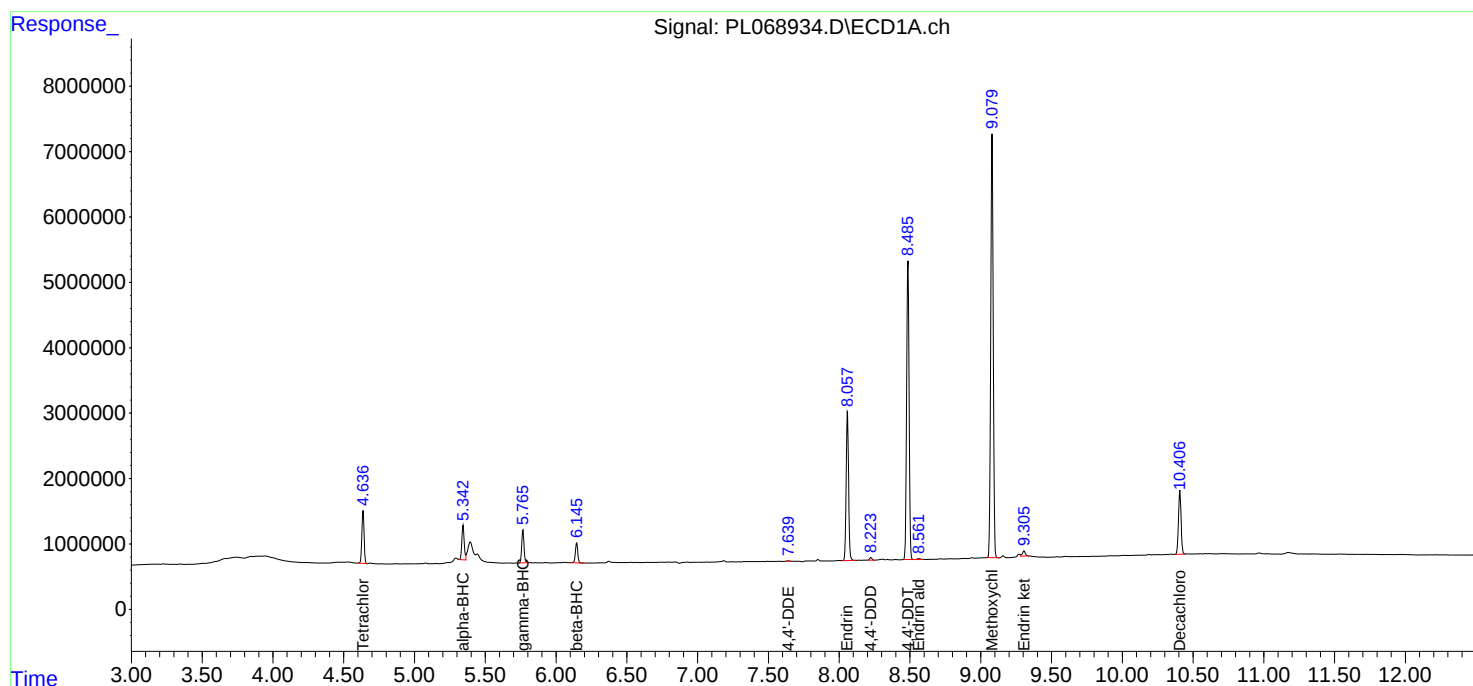
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

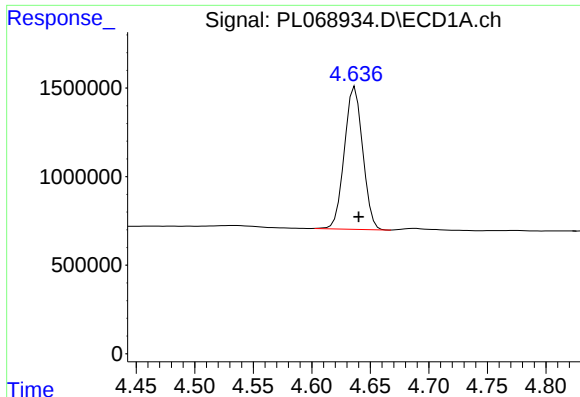
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 13 05:17:54 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





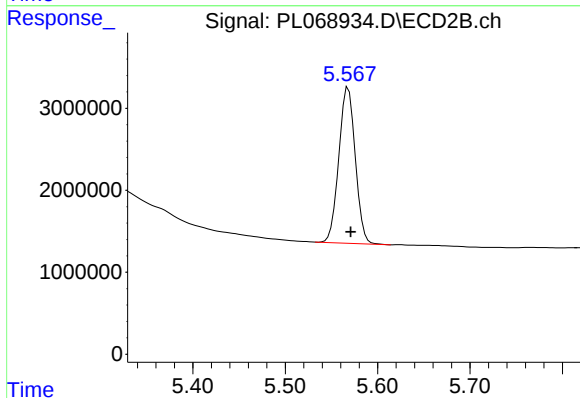
#1 Tetrachloro-m-xylene

R.T.: 4.637 min  
Delta R.T.: -0.003 min  
Response: 8771683  
Conc: 21.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

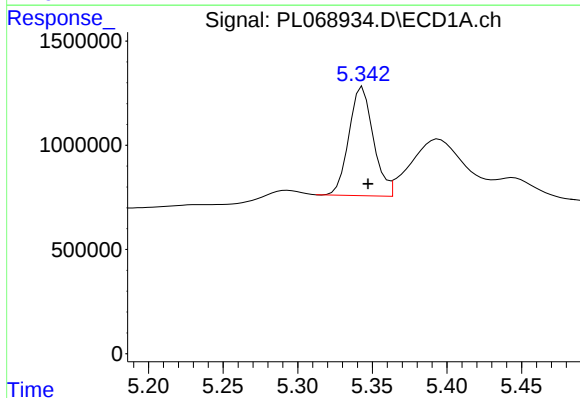
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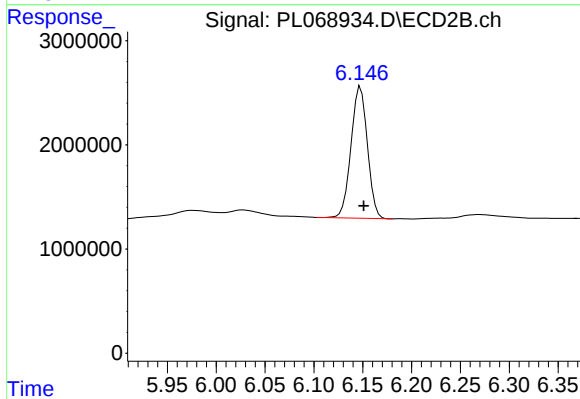
#1 Tetrachloro-m-xylene

R.T.: 5.568 min  
Delta R.T.: -0.003 min  
Response: 23546756  
Conc: 23.19 ng/ml



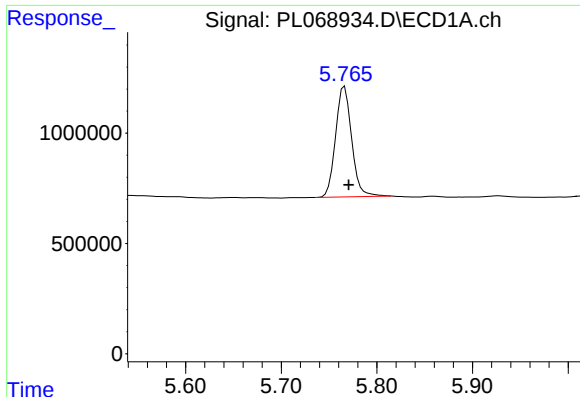
#2 alpha-BHC

R.T.: 5.343 min  
Delta R.T.: -0.004 min  
Response: 5950048  
Conc: 10.76 ng/ml



#2 alpha-BHC

R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 14765689  
Conc: 10.84 ng/ml



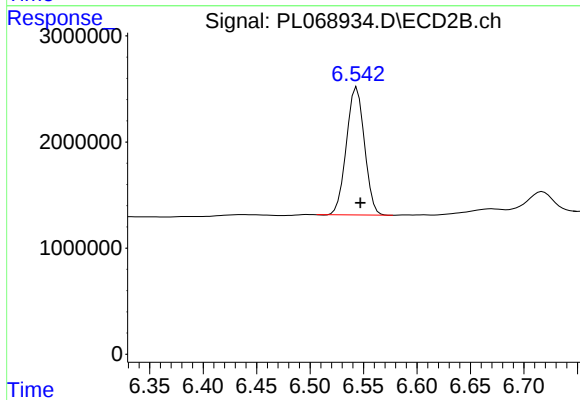
#3 gamma-BHC (Lindane)

R.T.: 5.766 min  
Delta R.T.: -0.004 min  
Response: 5850509  
Conc: 10.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

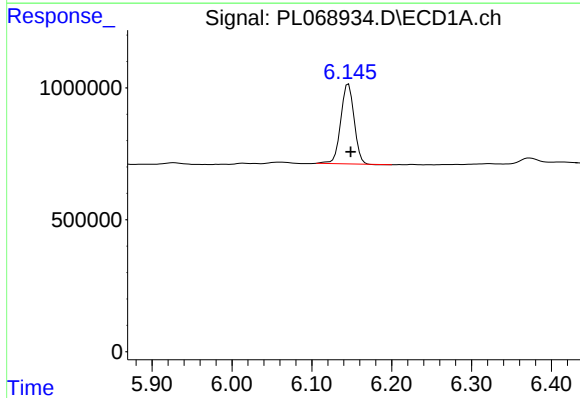
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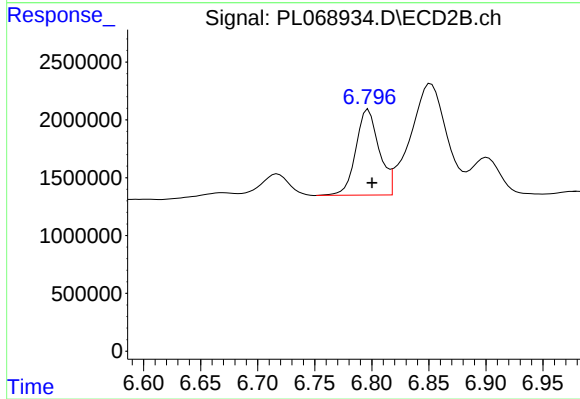
#3 gamma-BHC (Lindane)

R.T.: 6.544 min  
Delta R.T.: -0.003 min  
Response: 14151152  
Conc: 10.88 ng/ml



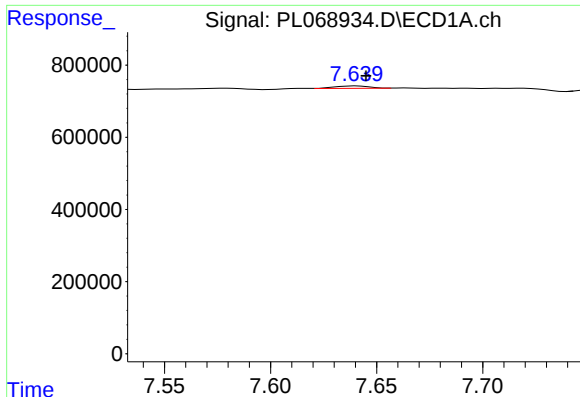
#6 beta-BHC

R.T.: 6.146 min  
Delta R.T.: -0.003 min  
Response: 3530188  
Conc: 12.52 ng/ml



#6 beta-BHC

R.T.: 6.797 min  
Delta R.T.: -0.003 min  
Response: 10505499  
Conc: 16.22 ng/ml



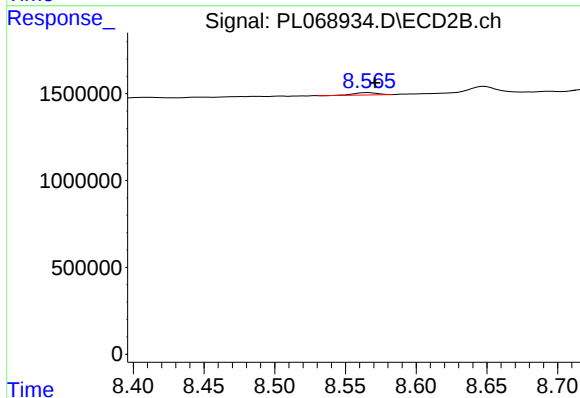
#12 4,4'-DDE

R.T.: 7.639 min  
Delta R.T.: -0.006 min  
Response: 73950  
Conc: 0.15 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

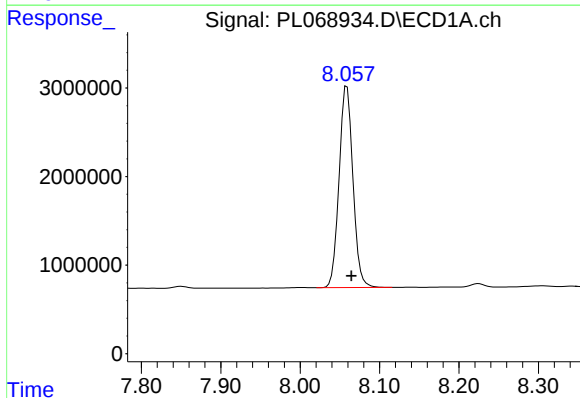
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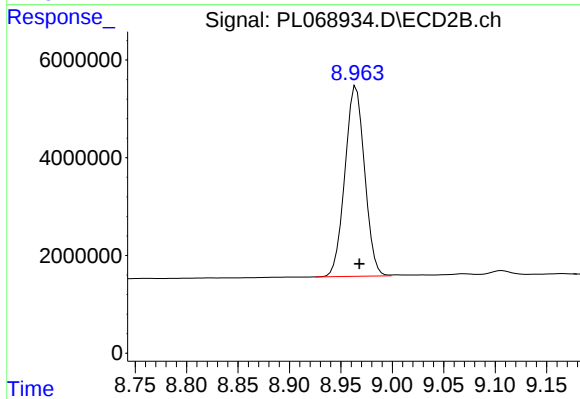
#12 4,4'-DDE

R.T.: 8.566 min  
Delta R.T.: -0.005 min  
Response: 145211  
Conc: 0.14 ng/ml



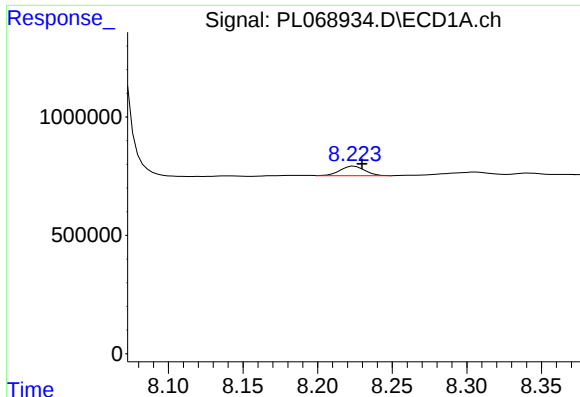
#14 Endrin

R.T.: 8.059 min  
Delta R.T.: -0.006 min  
Response: 27615949  
Conc: 57.30 ng/ml



#14 Endrin

R.T.: 8.965 min  
Delta R.T.: -0.003 min  
Response: 51753024  
Conc: 57.02 ng/ml



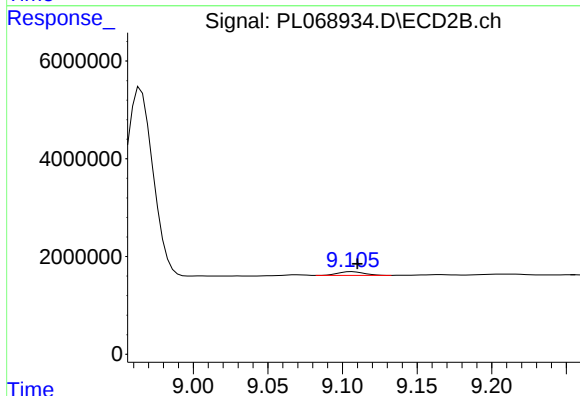
#16 4,4'-DDD

R.T.: 8.223 min  
Delta R.T.: -0.007 min  
Response: 473482  
Conc: 1.10 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

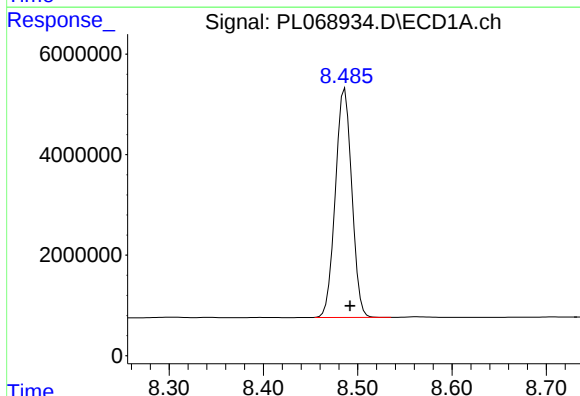
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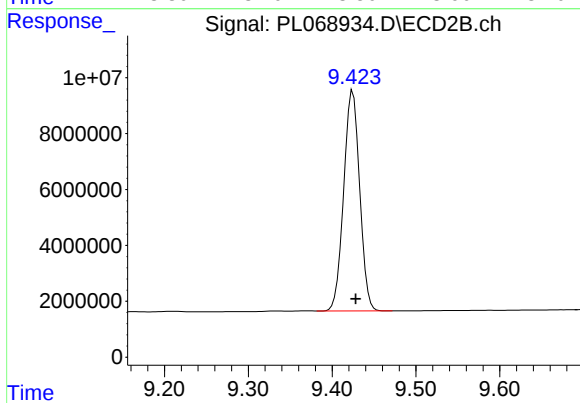
#16 4,4'-DDD

R.T.: 9.105 min  
Delta R.T.: -0.005 min  
Response: 941944  
Conc: 1.10 ng/ml m



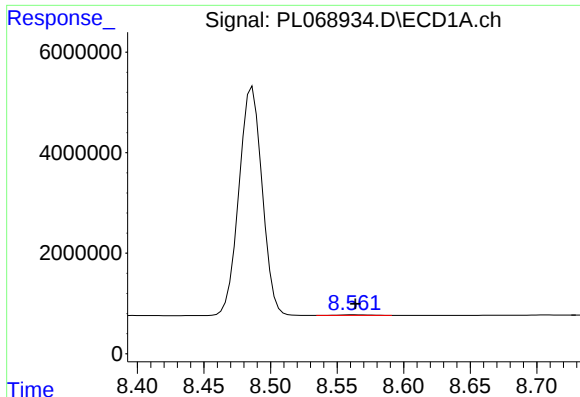
#17 4,4'-DDT

R.T.: 8.486 min  
Delta R.T.: -0.006 min  
Response: 55080843  
Conc: 113.41 ng/ml



#17 4,4'-DDT

R.T.: 9.425 min  
Delta R.T.: -0.003 min  
Response: 104713452  
Conc: 110.65 ng/ml



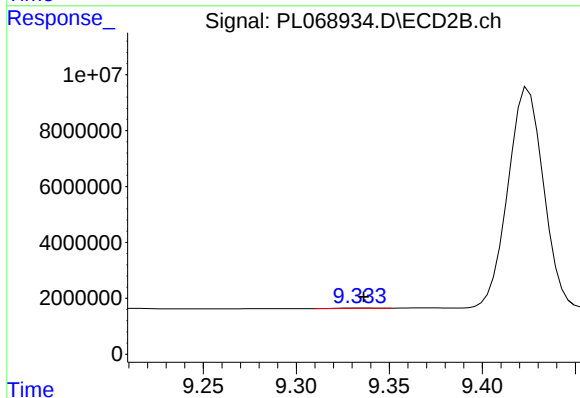
#18 Endrin aldehyde

R.T.: 8.561 min  
Delta R.T.: -0.003 min  
Response: 196008  
Conc: 0.52 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

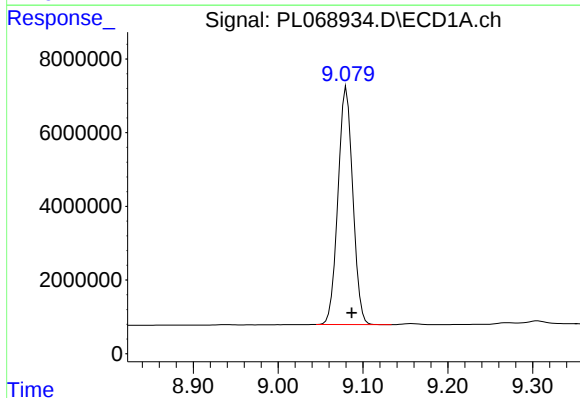
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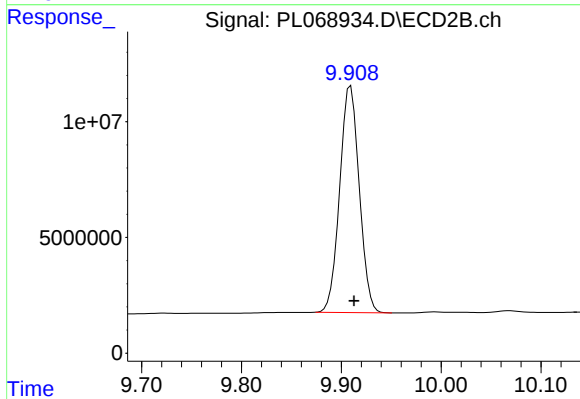
#18 Endrin aldehyde

R.T.: 9.333 min  
Delta R.T.: -0.004 min  
Response: 184352  
Conc: 0.26 ng/ml m



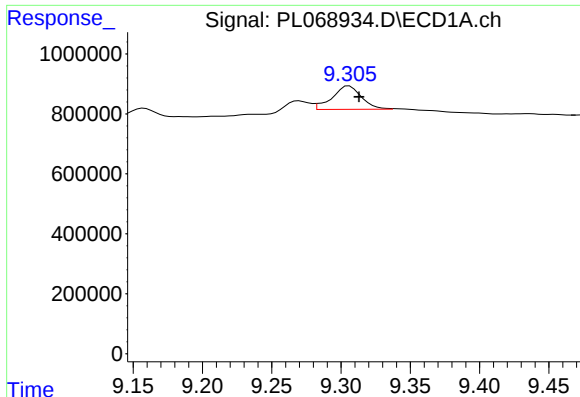
#20 Methoxychlor

R.T.: 9.081 min  
Delta R.T.: -0.006 min  
Response: 77956975  
Conc: 249.03 ng/ml



#20 Methoxychlor

R.T.: 9.909 min  
Delta R.T.: -0.004 min  
Response: 133349208  
Conc: 256.25 ng/ml



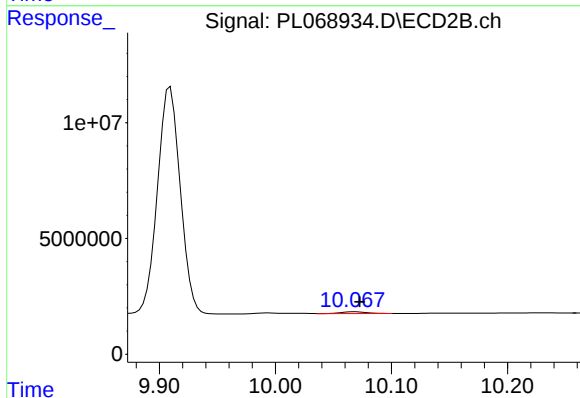
#21 Endrin ketone

R.T.: 9.305 min  
Delta R.T.: -0.009 min  
Response: 1135030  
Conc: 1.94 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

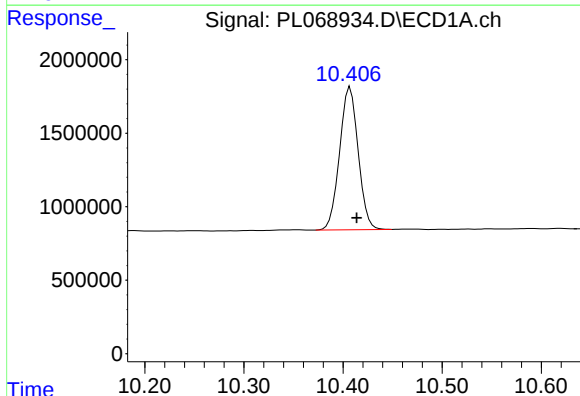
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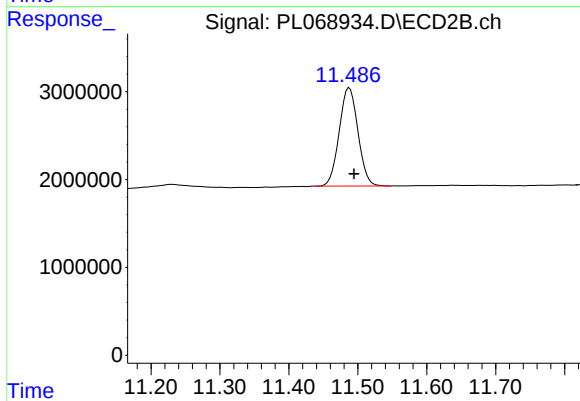
#21 Endrin ketone

R.T.: 10.068 min  
Delta R.T.: -0.004 min  
Response: 1087360  
Conc: 1.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.407 min  
Delta R.T.: -0.006 min  
Response: 12636630  
Conc: 21.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.488 min  
Delta R.T.: -0.007 min  
Response: 21200293  
Conc: 21.85 ng/ml