

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091621\  
 Data File : PL069876.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Sep 2021 09:20  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 16 13:33:54 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091021.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 13 17:55:23 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... | 4.631  | 5.567  | 9178314  | 27255785 | 22.528  | 22.392  |
| 28)                         | SA Decachlor... | 10.399 | 11.491 | 15309098 | 24758253 | 20.788  | 21.668  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.337  | 6.148  | 5795312  | 17585696 | 10.572  | 10.444  |
| 3)                          | MA gamma-BHC... | 5.761  | 6.544  | 5938430  | 16899525 | 10.402  | 10.469  |
| 6)                          | B beta-BHC      | 6.141  | 6.798  | 3903654  | 8500701  | 5.280   | 9.416 # |
| 7)                          | B delta-BHC     | 0.000  | 7.084f | 0        | 927425   | N.D.    | 0.557 # |
| 8)                          | B Heptachlo...  | 0.000  | 8.037  | 0        | 3876950  | N.D.    | 3.022 # |
| 9)                          | A Endosulfan I  | 0.000  | 8.462f | 0        | 143351   | N.D.    | 0.111 # |
| 10)                         | B gamma-Chl...  | 0.000  | 8.283f | 0        | 527132   | N.D.    | 0.395 # |
| 11)                         | B alpha-Chl...  | 0.000  | 8.371  | 0        | 148390   | N.D.    | 0.109 # |
| 14)                         | MA Endrin       | 8.053  | 8.967  | 32941037 | 61379787 | 55.323  | 54.475  |
| 15)                         | B Endosulfa...  | 0.000  | 9.212  | 0        | 428416   | N.D.    | 0.380 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 9.110  | 0        | 1277621  | N.D.    | 1.200 # |
| 17)                         | MA 4,4'-DDT     | 8.479  | 9.427  | 64036727 | 123.5E6  | 111.674 | 110.350 |
| 20)                         | A Methoxychlor  | 9.073  | 9.913  | 90453374 | 150.4E6  | 241.105 | 249.121 |
| 21)                         | B Endrin ke...  | 0.000  | 10.071 | 0        | 697108   | N.D.    | 0.565 # |
| 25)                         | Chlordane-3     | 0.000  | 8.283f | 0        | 527132   | N.D.    | 2.779 # |
| 26)                         | Chlordane-4     | 0.000  | 8.371  | 0        | 148390   | N.D.    | 0.637 # |
| -----                       |                 |        |        |          |          |         |         |

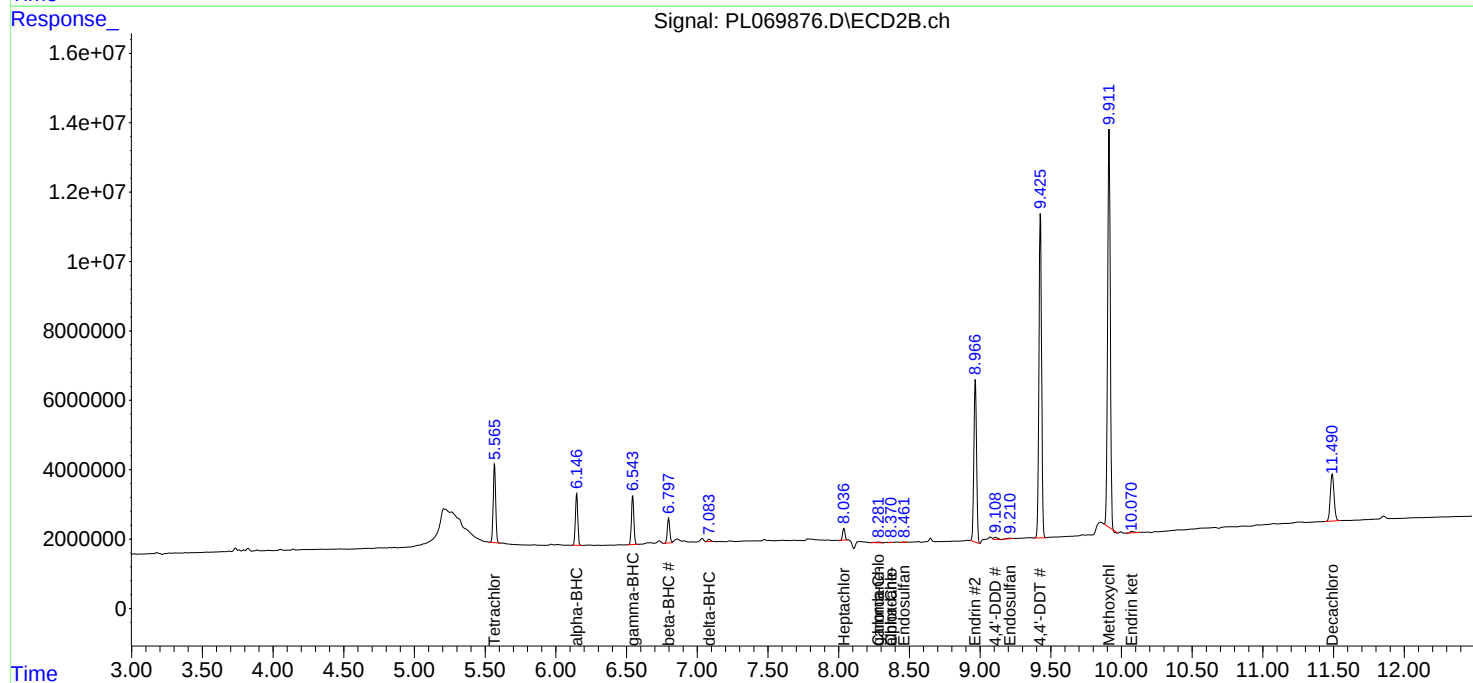
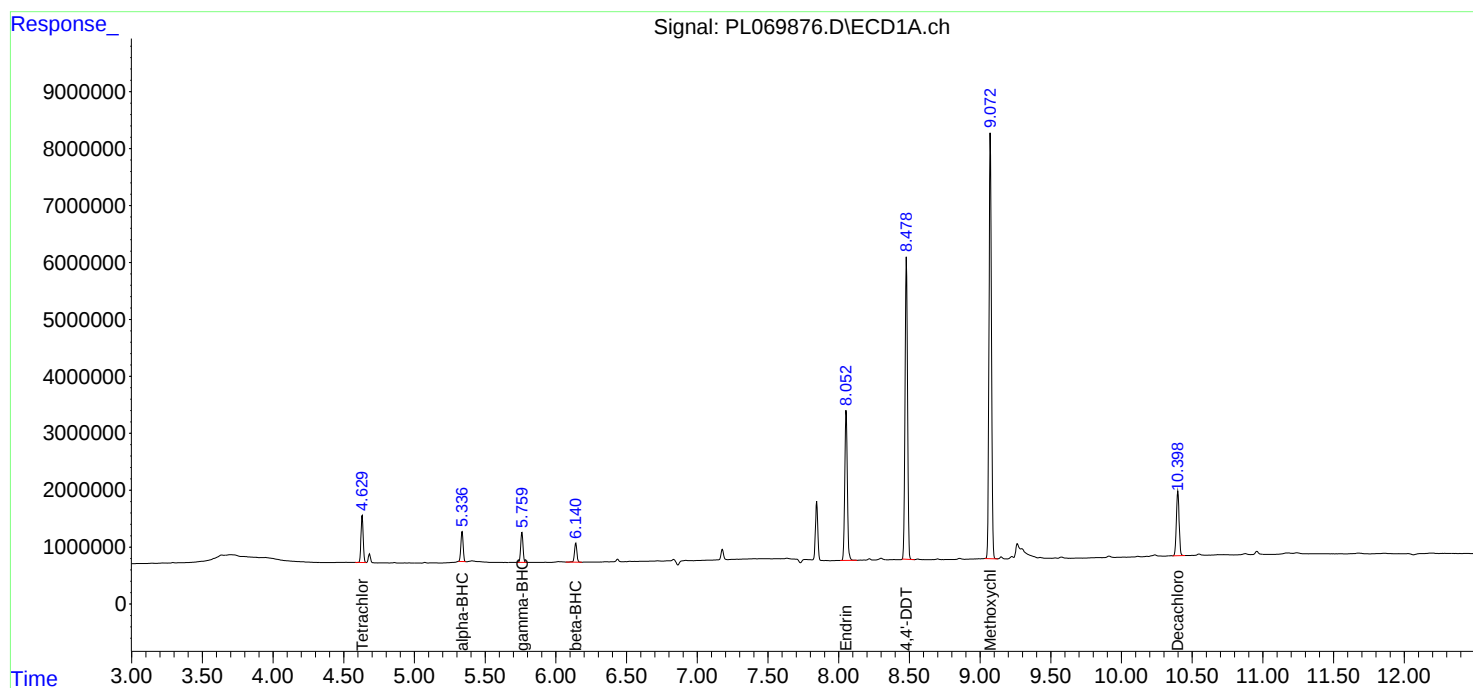
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

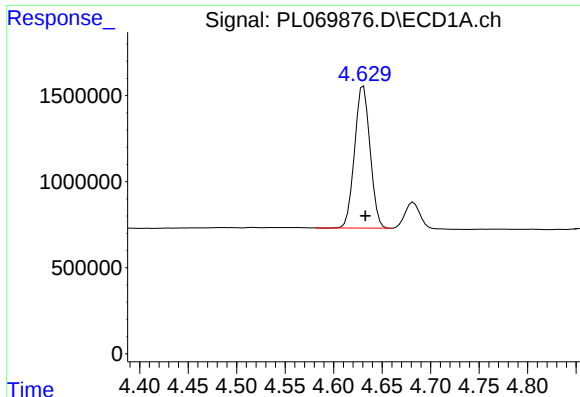
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091621\  
Data File : PL069876.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Sep 2021 09:20  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 16 13:33:54 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091021.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 13 17:55:23 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

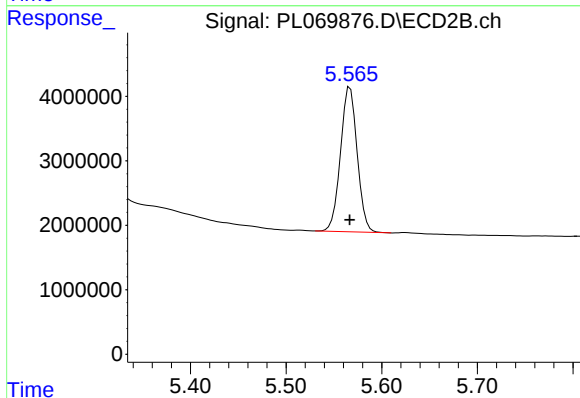




#1 Tetrachloro-m-xylene

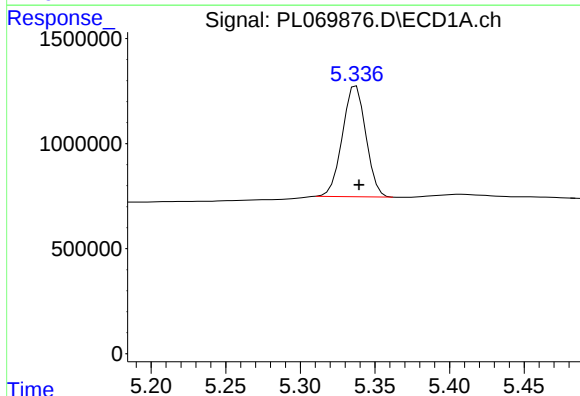
R.T.: 4.631 min  
Delta R.T.: -0.002 min  
Response: 9178314  
Conc: 22.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



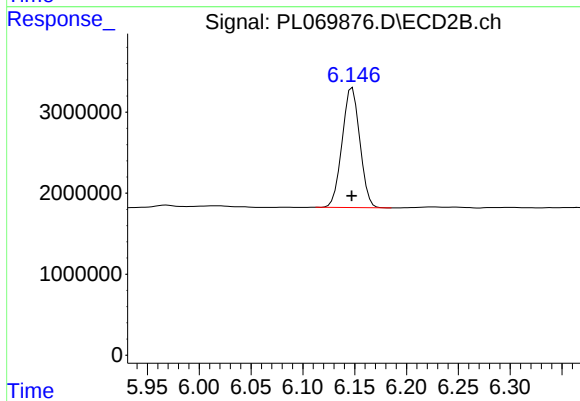
#1 Tetrachloro-m-xylene

R.T.: 5.567 min  
Delta R.T.: 0.000 min  
Response: 27255785  
Conc: 22.39 ng/ml



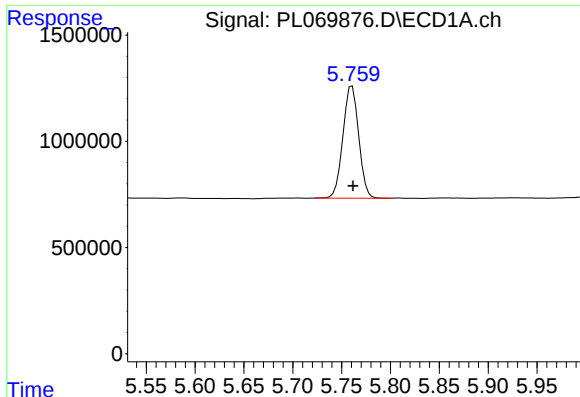
#2 alpha-BHC

R.T.: 5.337 min  
Delta R.T.: -0.002 min  
Response: 5795312  
Conc: 10.57 ng/ml



#2 alpha-BHC

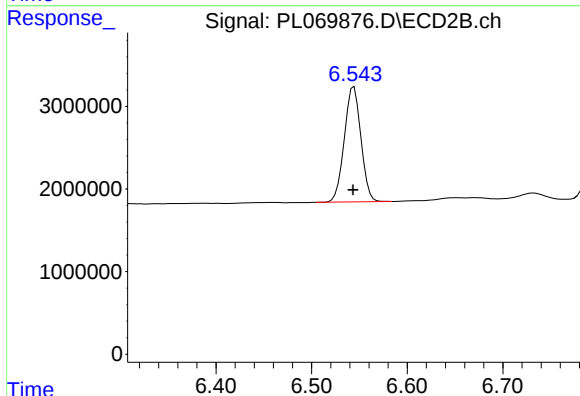
R.T.: 6.148 min  
Delta R.T.: 0.000 min  
Response: 17585696  
Conc: 10.44 ng/ml



#3 gamma-BHC (Lindane)

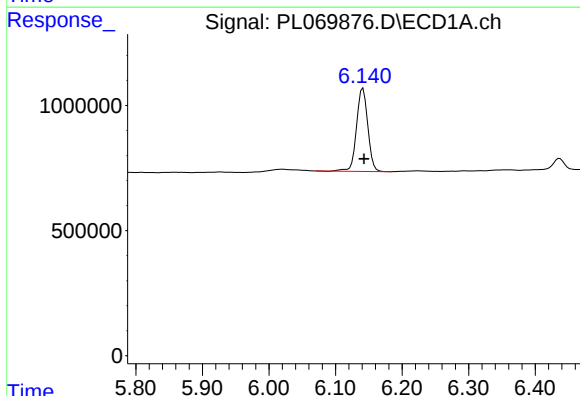
R.T.: 5.761 min  
Delta R.T.: -0.001 min  
Response: 5938430  
Conc: 10.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



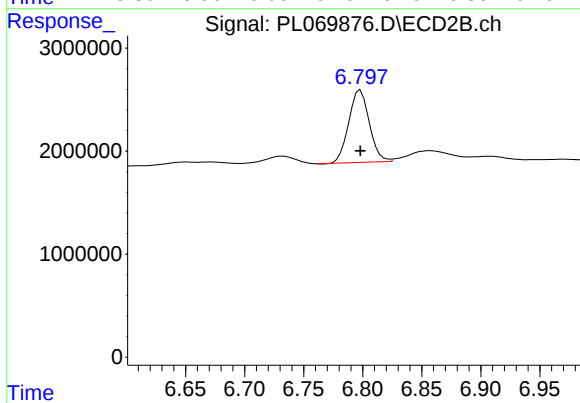
#3 gamma-BHC (Lindane)

R.T.: 6.544 min  
Delta R.T.: 0.000 min  
Response: 16899525  
Conc: 10.47 ng/ml



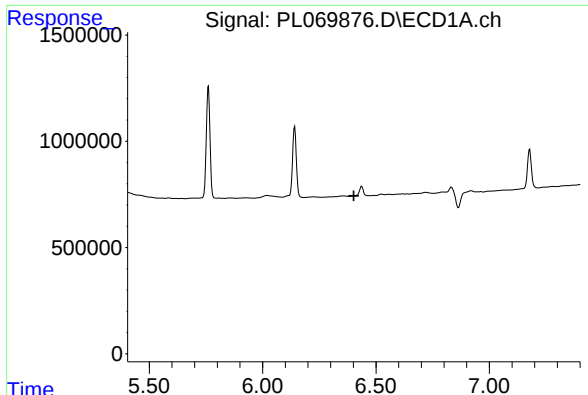
#6 beta-BHC

R.T.: 6.141 min  
Delta R.T.: -0.002 min  
Response: 3903654  
Conc: 5.28 ng/ml



#6 beta-BHC

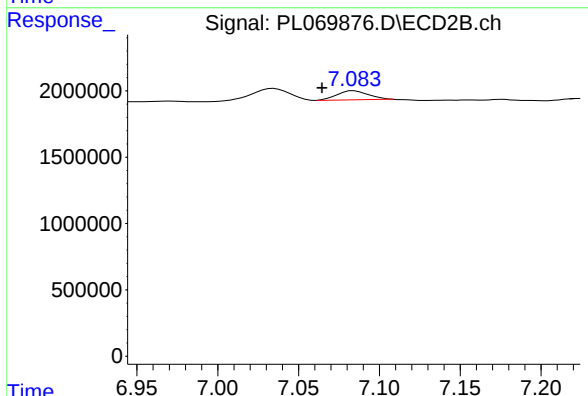
R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 8500701  
Conc: 9.42 ng/ml



#7 delta-BHC

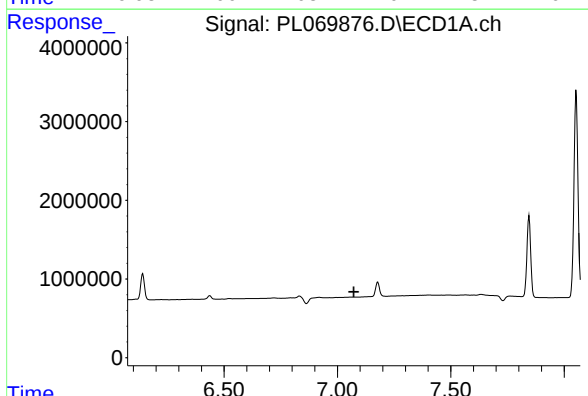
R.T.: 0.000 min  
Exp R.T.: 6.402 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



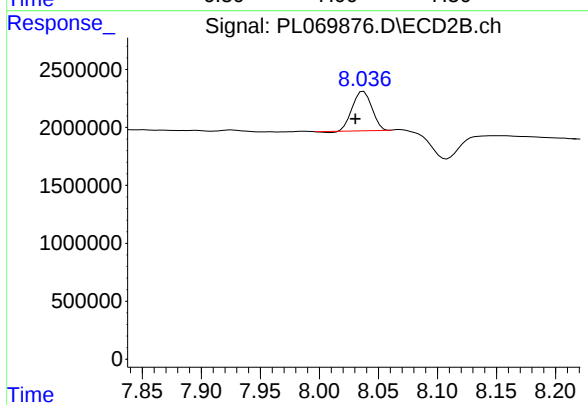
#7 delta-BHC

R.T.: 7.084 min  
Delta R.T.: 0.020 min  
Response: 927425  
Conc: 0.56 ng/ml



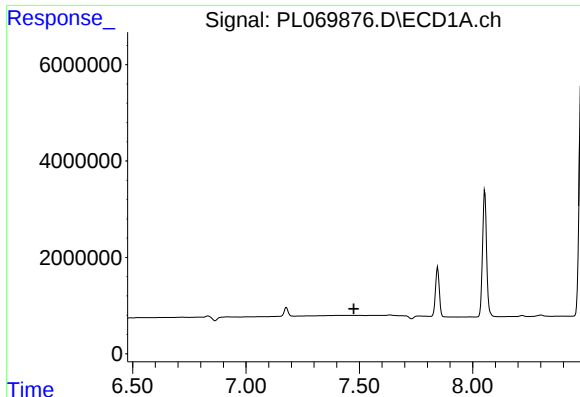
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 7.073 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

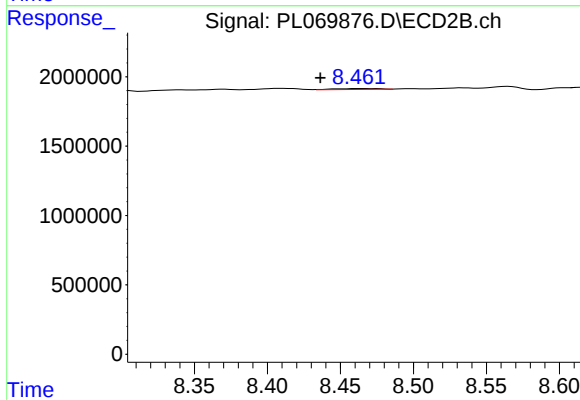
R.T.: 8.037 min  
Delta R.T.: 0.007 min  
Response: 3876950  
Conc: 3.02 ng/ml



#9 Endosulfan I

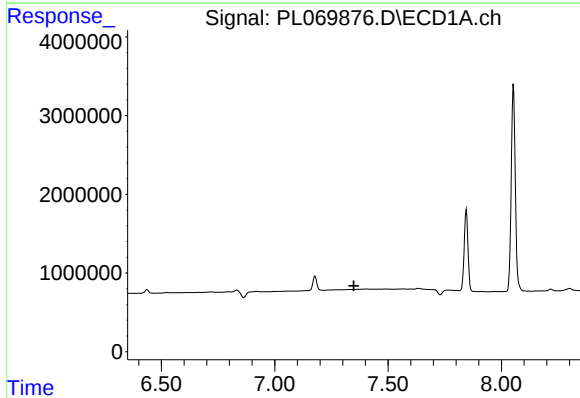
R.T.: 0.000 min  
Exp R.T.: 7.476 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



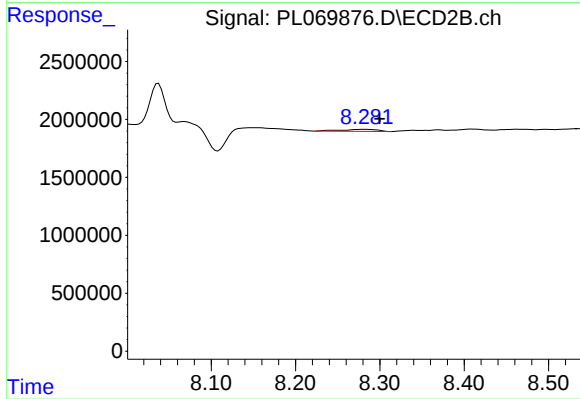
#9 Endosulfan I

R.T.: 8.462 min  
Delta R.T.: 0.026 min  
Response: 143351  
Conc: 0.11 ng/ml



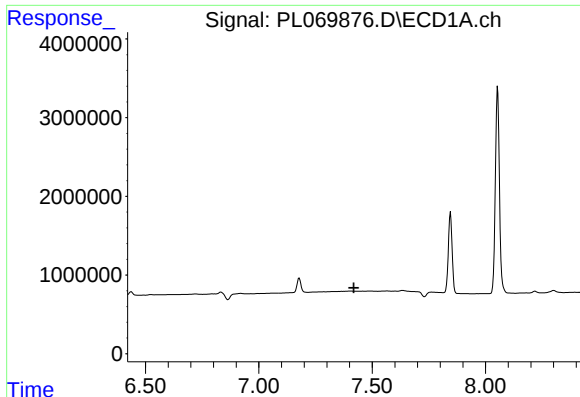
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 7.350 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

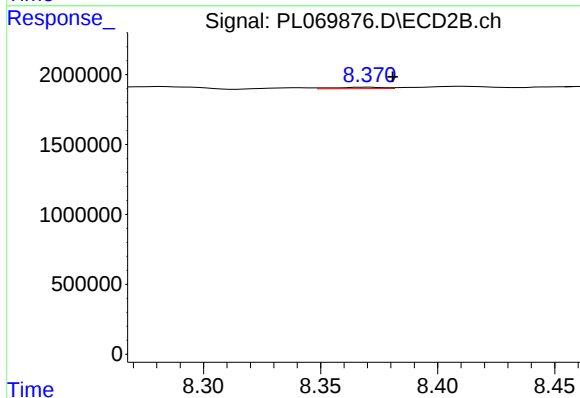
R.T.: 8.283 min  
Delta R.T.: -0.017 min  
Response: 527132  
Conc: 0.39 ng/ml



#11 alpha-Chlordane

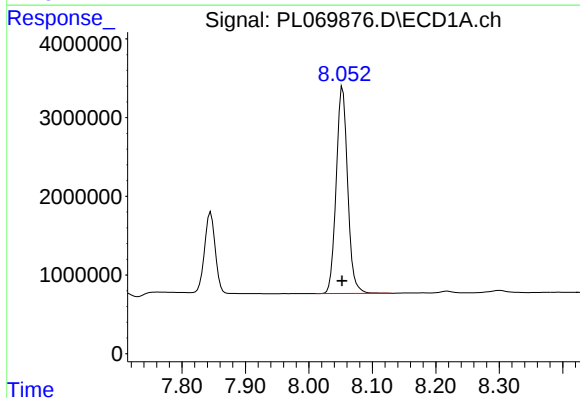
R.T.: 0.000 min  
Exp R.T.: 7.420 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



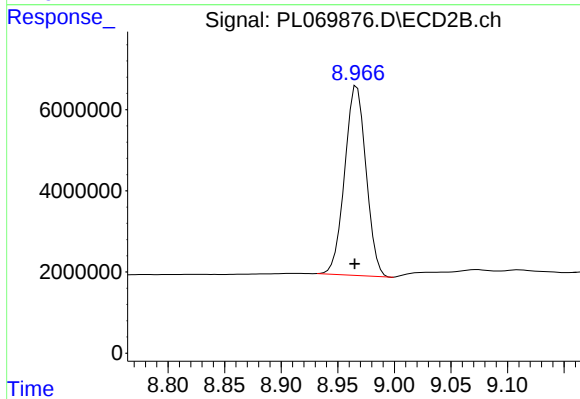
#11 alpha-Chlordane

R.T.: 8.371 min  
Delta R.T.: -0.010 min  
Response: 148390  
Conc: 0.11 ng/ml



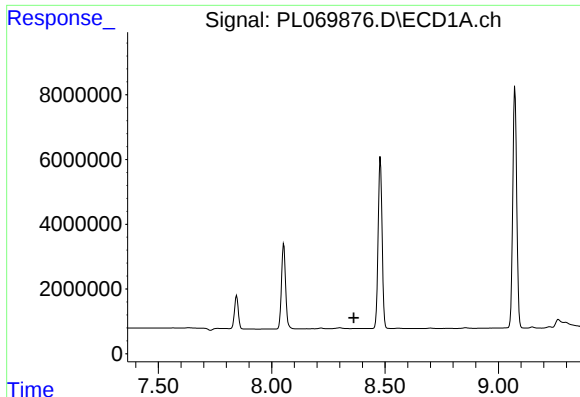
#14 Endrin

R.T.: 8.053 min  
Delta R.T.: 0.000 min  
Response: 32941037  
Conc: 55.32 ng/ml



#14 Endrin

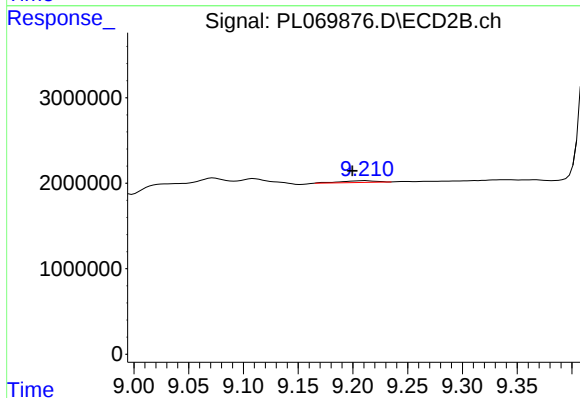
R.T.: 8.967 min  
Delta R.T.: 0.002 min  
Response: 61379787  
Conc: 54.48 ng/ml



#15 Endosulfan II

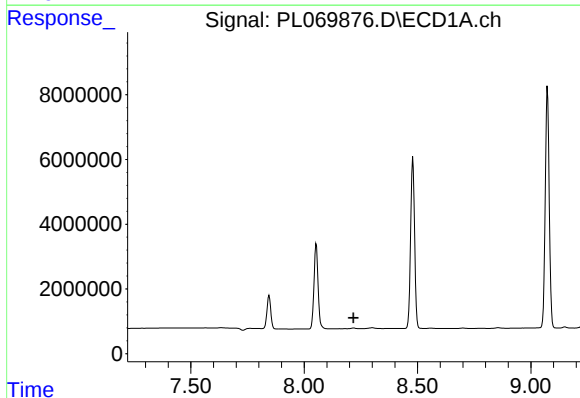
R.T.: 0.000 min  
Exp R.T.: 8.363 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



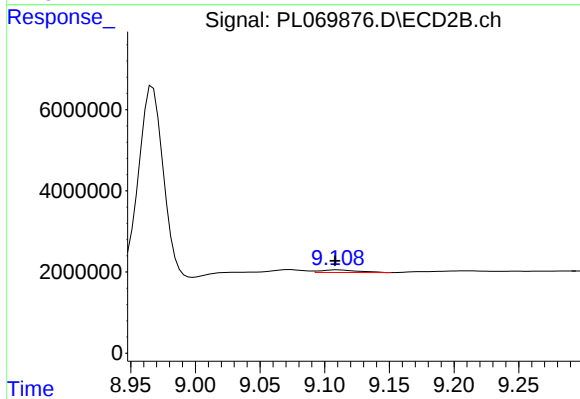
#15 Endosulfan II

R.T.: 9.212 min  
Delta R.T.: 0.012 min  
Response: 428416  
Conc: 0.38 ng/ml



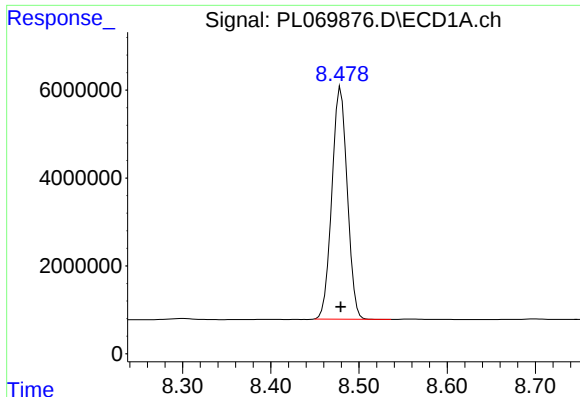
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 8.218 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

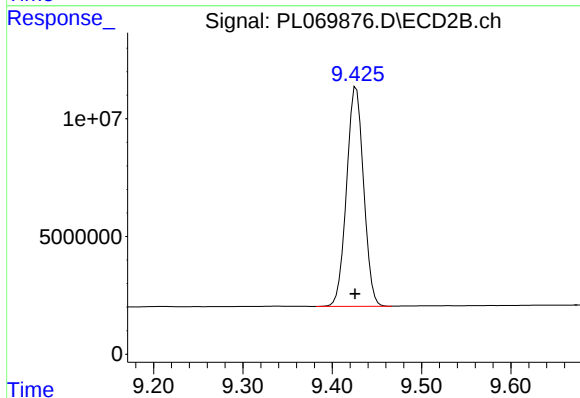
R.T.: 9.110 min  
Delta R.T.: 0.002 min  
Response: 1277621  
Conc: 1.20 ng/ml



#17 4,4'-DDT

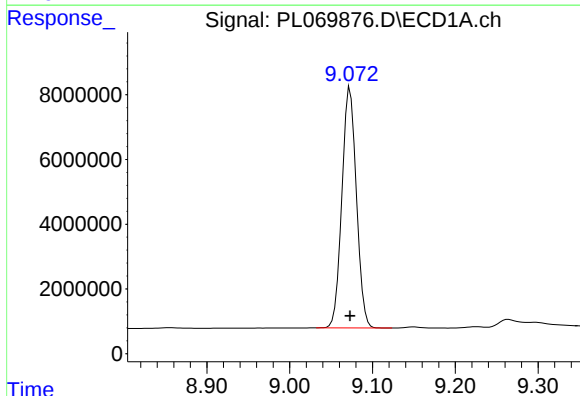
R.T.: 8.479 min  
Delta R.T.: 0.000 min  
Response: 64036727  
Conc: 111.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



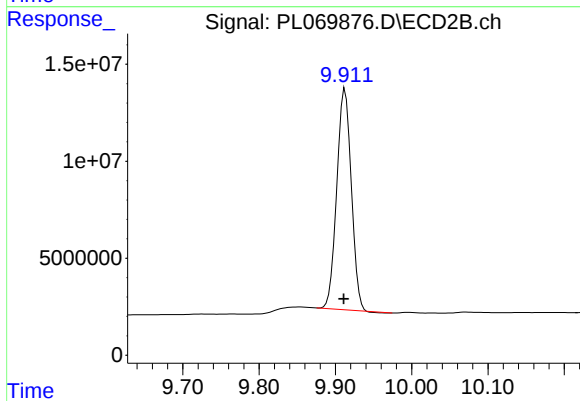
#17 4,4'-DDT

R.T.: 9.427 min  
Delta R.T.: 0.001 min  
Response: 123544446  
Conc: 110.35 ng/ml



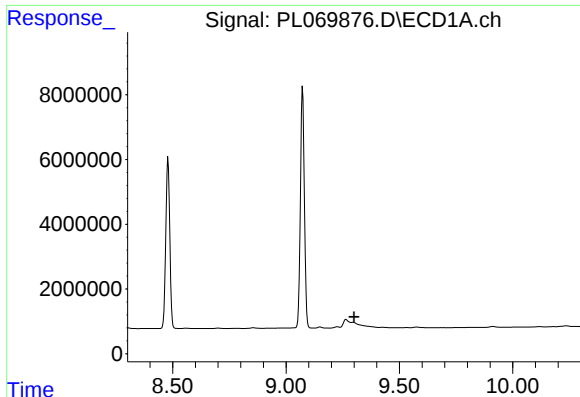
#20 Methoxychlor

R.T.: 9.073 min  
Delta R.T.: 0.000 min  
Response: 90453374  
Conc: 241.10 ng/ml



#20 Methoxychlor

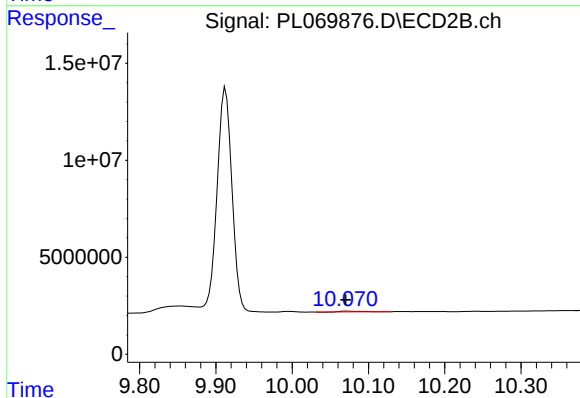
R.T.: 9.913 min  
Delta R.T.: 0.002 min  
Response: 150371450  
Conc: 249.12 ng/ml



#21 Endrin ketone

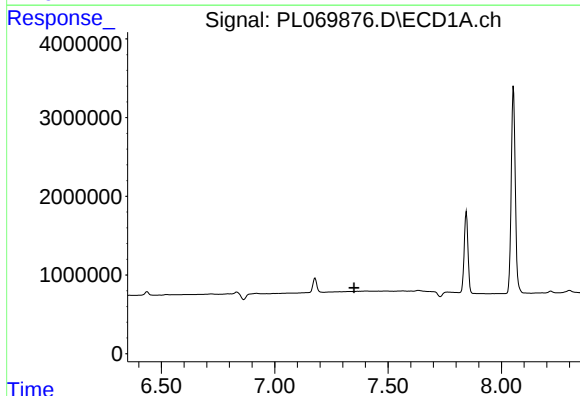
R.T.: 0.000 min  
Exp R.T.: 9.301 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



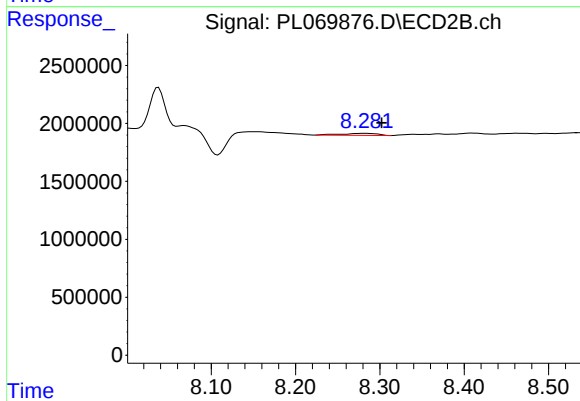
#21 Endrin ketone

R.T.: 10.071 min  
Delta R.T.: 0.000 min  
Response: 697108  
Conc: 0.57 ng/ml



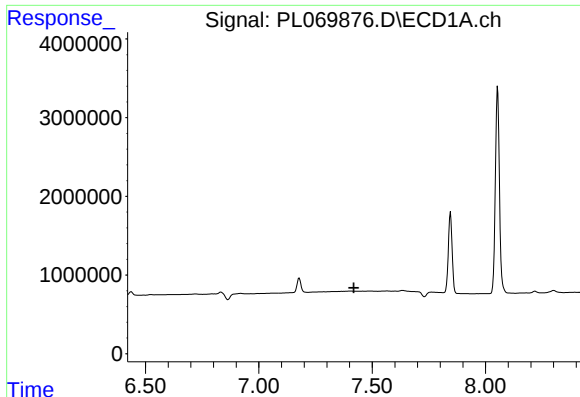
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 7.350 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

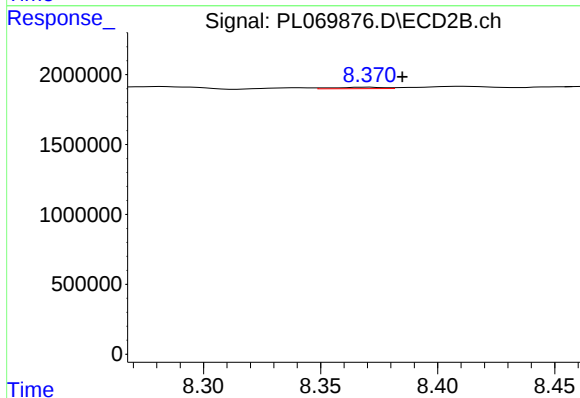
R.T.: 8.283 min  
Delta R.T.: -0.019 min  
Response: 527132  
Conc: 2.78 ng/ml



#26 Chlordane-4

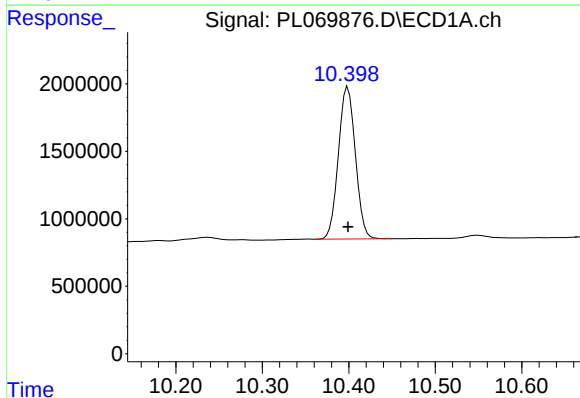
R.T.: 0.000 min  
Exp R.T.: 7.418 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



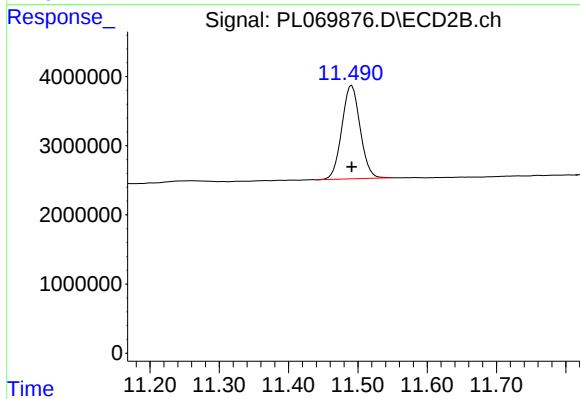
#26 Chlordane-4

R.T.: 8.371 min  
Delta R.T.: -0.014 min  
Response: 148390  
Conc: 0.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.399 min  
Delta R.T.: 0.000 min  
Response: 15309098  
Conc: 20.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.491 min  
Delta R.T.: 0.000 min  
Response: 24758253  
Conc: 21.67 ng/ml