

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080921\  
 Data File : PL068831.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2021 07:32  
 Operator : AR\AJ  
 Sample : M3318-03MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 07:49:53 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... | 4.638  | 5.569  | 7525277  | 19473597 | 18.193   | 19.179     |
| 28)                         | SA Decachlor... | 10.406 | 11.489 | 9084399  | 15104242 | 15.807   | 15.567     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.345  | 6.149  | 32975269 | 89943373 | 59.614   | 66.047     |
| 3)                          | MA gamma-BHC... | 5.768  | 6.545  | 31988633 | 84866359 | 58.940   | 65.227     |
| 4)                          | MA Heptachlor   | 6.178  | 7.194  | 33869201 | 84858485 | 57.665   | 63.211     |
| 5)                          | MB Aldrin       | 6.503  | 7.565  | 31845370 | 76615978 | 59.551   | 63.480     |
| 6)                          | B beta-BHC      | 6.146  | 6.797  | 16125286 | 40469651 | 57.202   | 62.468     |
| 7)                          | B delta-BHC     | 6.408  | 7.065  | 33009058 | 85594672 | 61.520   | 67.942     |
| 8)                          | B Heptachlo...  | 7.079  | 8.031  | 30929266 | 77671352 | 58.032   | 67.187     |
| 9)                          | A Endosulfan I  | 7.482  | 8.437  | 29508944 | 66186498 | 58.124   | 62.761     |
| 10)                         | B gamma-Chl...  | 7.357  | 8.300  | 32226669 | 73667971 | 58.804   | 64.324     |
| 11)                         | B alpha-Chl...  | 7.426  | 8.382  | 32162147 | 71429155 | 58.438   | 62.197     |
| 12)                         | B 4,4'-DDE      | 7.640  | 8.568  | 29089526 | 65662835 | 60.223   | 62.123     |
| 13)                         | MA Dieldrin     | 7.769  | 8.726  | 31320742 | 69347316 | 60.546   | 63.995     |
| 14)                         | MA Endrin       | 8.059  | 8.965  | 35321583 | 57324193 | 73.293   | 63.154     |
| 15)                         | B Endosulfa...  | 8.369  | 9.198  | 28219257 | 58503416 | 58.826   | 63.786     |
| 16)                         | A 4,4'-DDD      | 8.225  | 9.107  | 25495832 | 55143289 | 59.404   | 64.534     |
| 17)                         | MA 4,4'-DDT     | 8.486  | 9.424  | 27704387 | 54813617 | 57.044   | 57.919     |
| 18)                         | B Endrin al...  | 8.558  | 9.332  | 25110325 | 49453837 | 66.962   | 70.571     |
| 19)                         | B Endosulfa...  | 8.788  | 9.570  | 30986988 | 57786968 | 60.233   | 63.398     |
| 20)                         | A Methoxychlor  | 9.080  | 9.909  | 18869965 | 27705727 | 60.279   | 53.240     |
| 21)                         | B Endrin ke...  | 9.307  | 10.068 | 34425980 | 61998767 | 58.844   | 60.886     |
| 22)                         | Mirex           | 9.495  | 10.535 | 28774661 | 45931936 | 57.429   | 58.075     |
| 24)                         | Chlordane-2     | 0.000  | 7.565f | 0        | 76615978 | N.D.     | 1768.254 # |
| 25)                         | Chlordane-3     | 7.357  | 8.300  | 32226669 | 73667971 | 614.394  | 450.967 #  |
| 26)                         | Chlordane-4     | 7.426  | 8.382  | 32162147 | 71429155 | 577.849  | 360.166 #  |
| 27)                         | Chlordane-5     | 8.369  | 0.000  | 28219257 | 0        | 1368.451 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

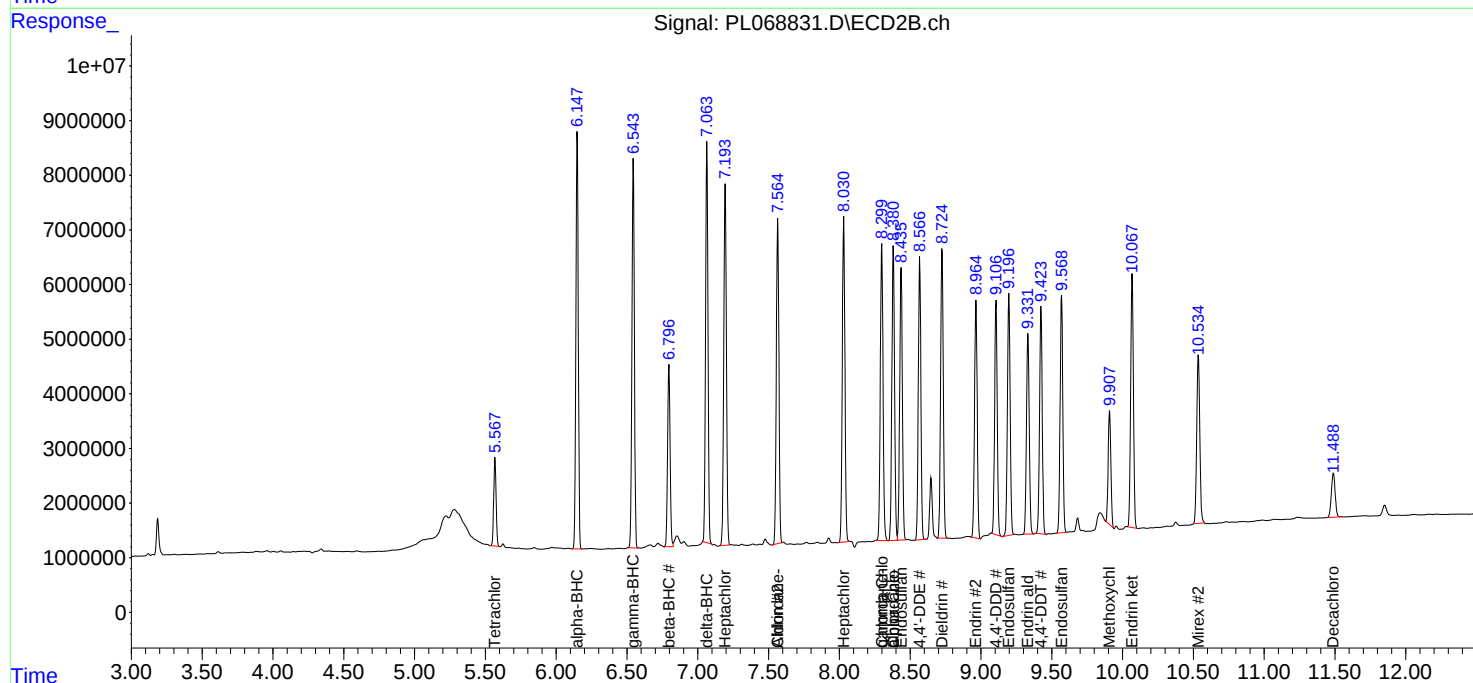
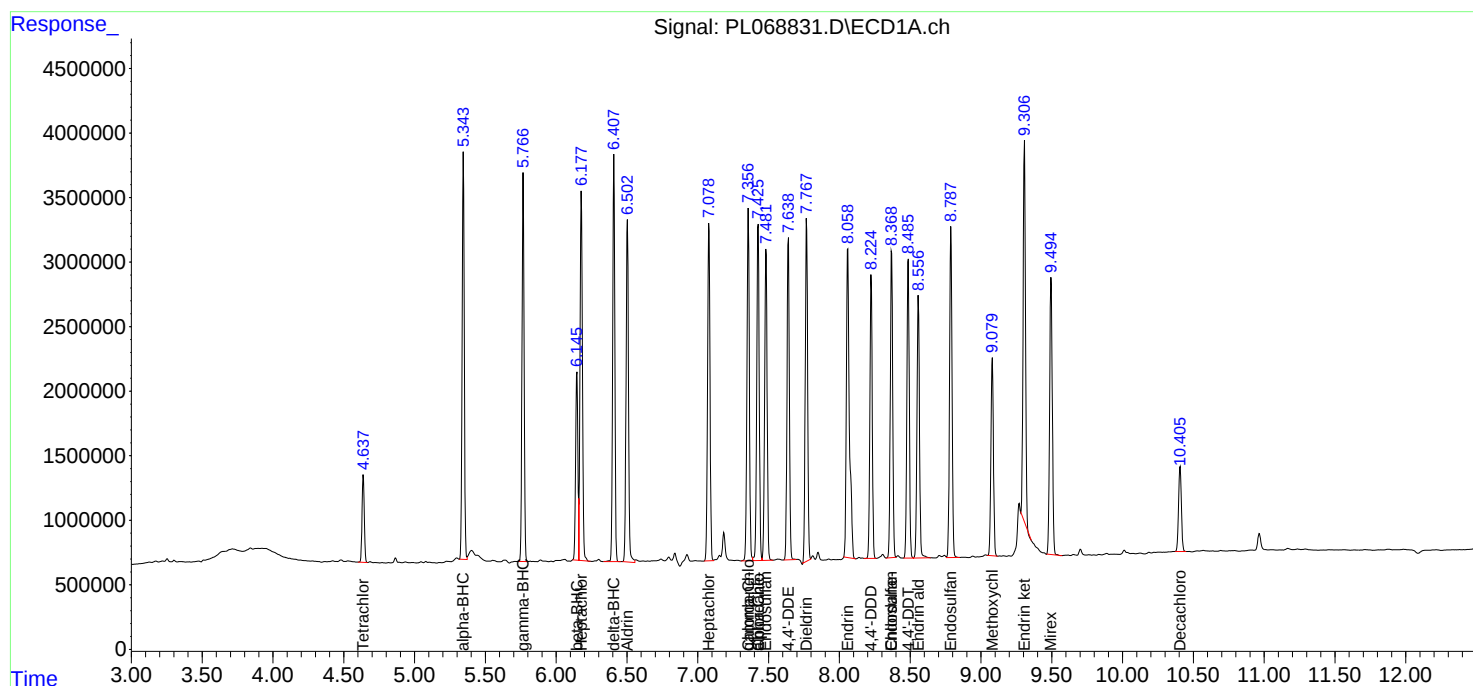
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

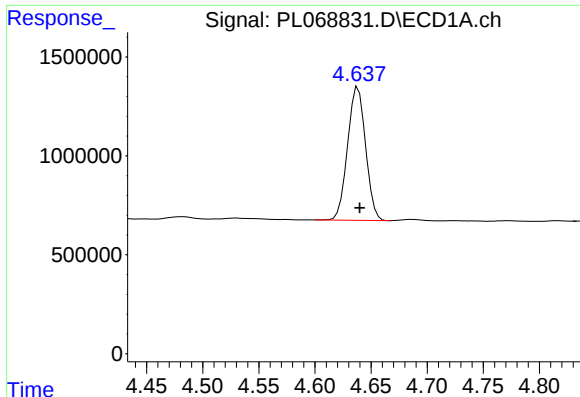
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080921\  
Data File : PL068831.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Aug 2021 07:32  
Operator : AR\AJ  
Sample : M3318-03MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 07:49:53 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

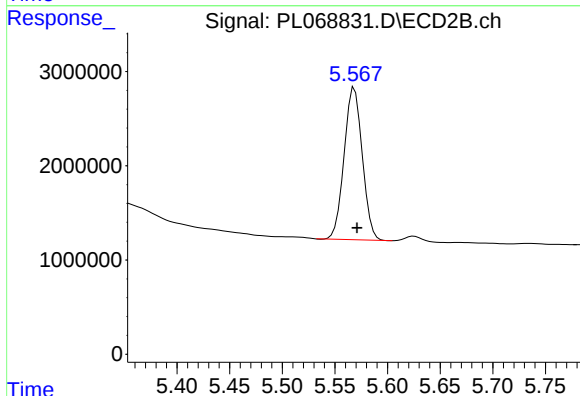




#1 Tetrachloro-m-xylene

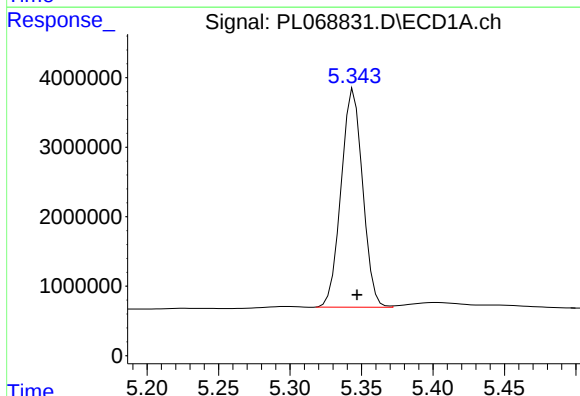
R.T.: 4.638 min  
Delta R.T.: -0.002 min  
Response: 7525277  
Conc: 18.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



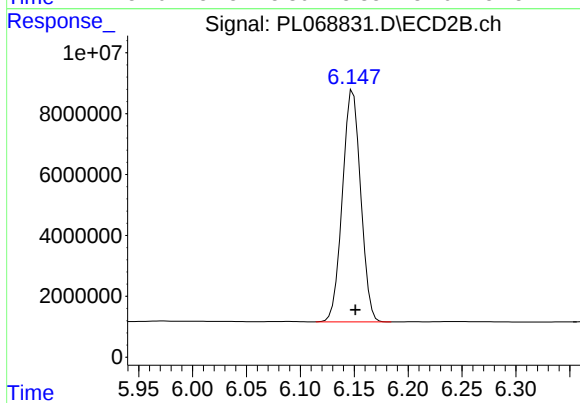
#1 Tetrachloro-m-xylene

R.T.: 5.569 min  
Delta R.T.: -0.002 min  
Response: 19473597  
Conc: 19.18 ng/ml



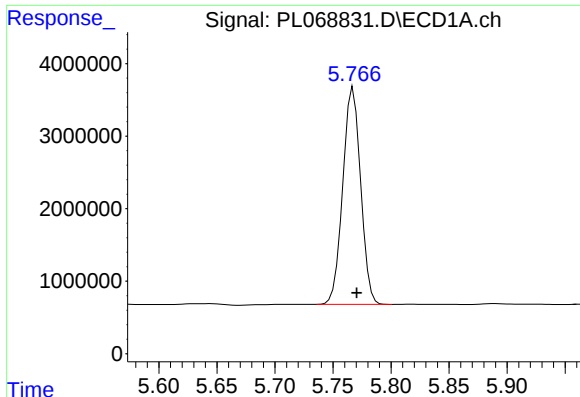
#2 alpha-BHC

R.T.: 5.345 min  
Delta R.T.: -0.002 min  
Response: 32975269  
Conc: 59.61 ng/ml



#2 alpha-BHC

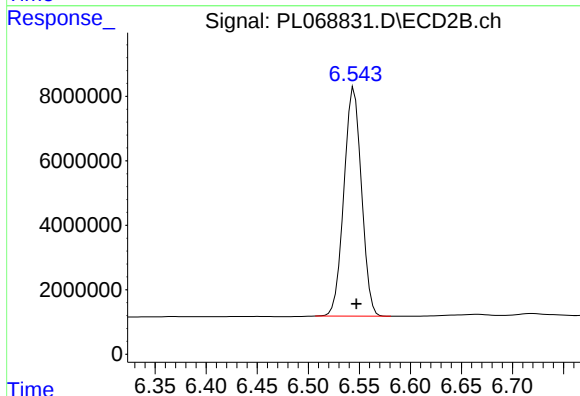
R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 89943373  
Conc: 66.05 ng/ml



#3 gamma-BHC (Lindane)

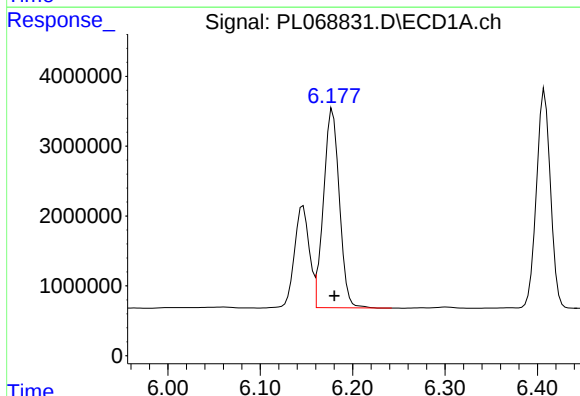
R.T.: 5.768 min  
Delta R.T.: -0.003 min  
Response: 31988633  
Conc: 58.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



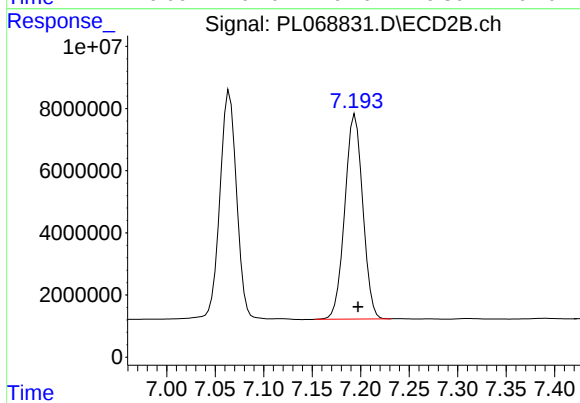
#3 gamma-BHC (Lindane)

R.T.: 6.545 min  
Delta R.T.: -0.002 min  
Response: 84866359  
Conc: 65.23 ng/ml



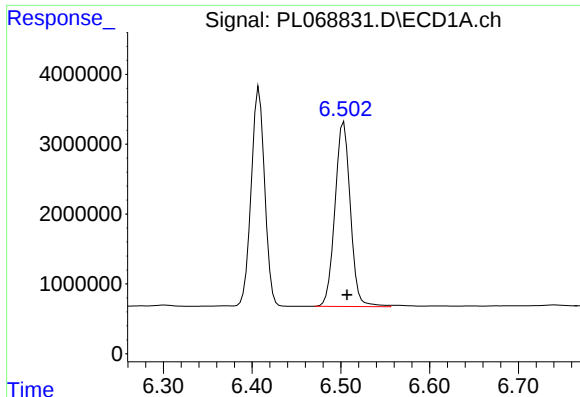
#4 Heptachlor

R.T.: 6.178 min  
Delta R.T.: -0.002 min  
Response: 33869201  
Conc: 57.67 ng/ml



#4 Heptachlor

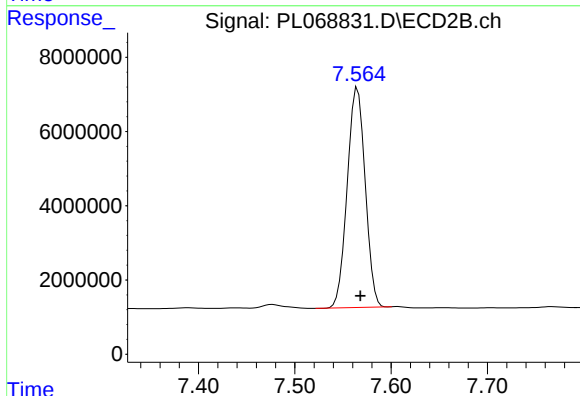
R.T.: 7.194 min  
Delta R.T.: -0.003 min  
Response: 84858485  
Conc: 63.21 ng/ml



#5 Aldrin

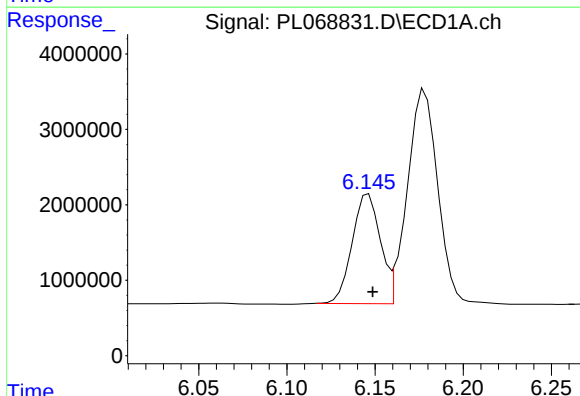
R.T.: 6.503 min  
Delta R.T.: -0.004 min  
Response: 31845370  
Conc: 59.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



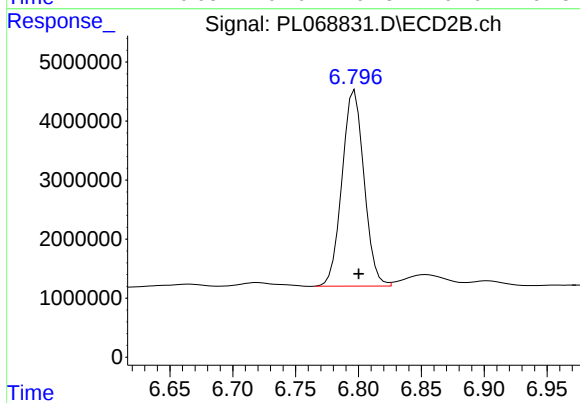
#5 Aldrin

R.T.: 7.565 min  
Delta R.T.: -0.003 min  
Response: 76615978  
Conc: 63.48 ng/ml



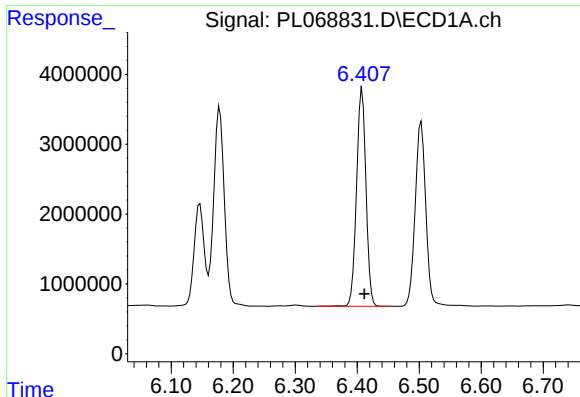
#6 beta-BHC

R.T.: 6.146 min  
Delta R.T.: -0.002 min  
Response: 16125286  
Conc: 57.20 ng/ml



#6 beta-BHC

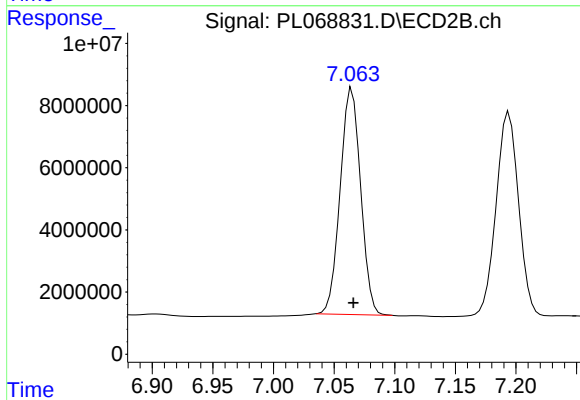
R.T.: 6.797 min  
Delta R.T.: -0.003 min  
Response: 40469651  
Conc: 62.47 ng/ml



#7 delta-BHC

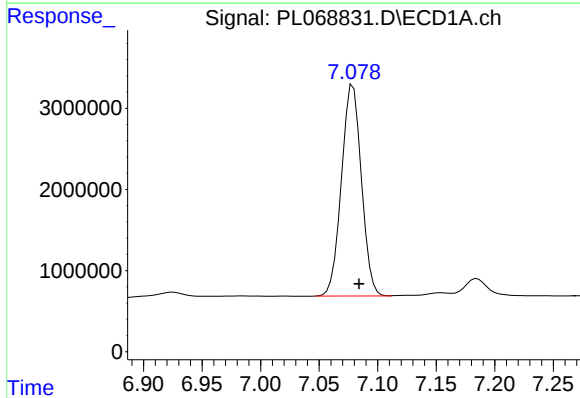
R.T.: 6.408 min  
Delta R.T.: -0.004 min  
Response: 33009058  
Conc: 61.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



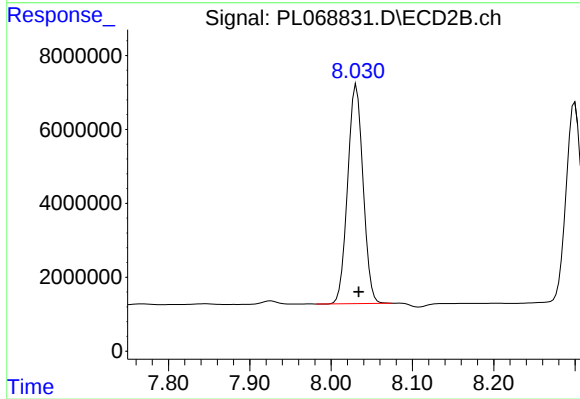
#7 delta-BHC

R.T.: 7.065 min  
Delta R.T.: -0.001 min  
Response: 85594672  
Conc: 67.94 ng/ml



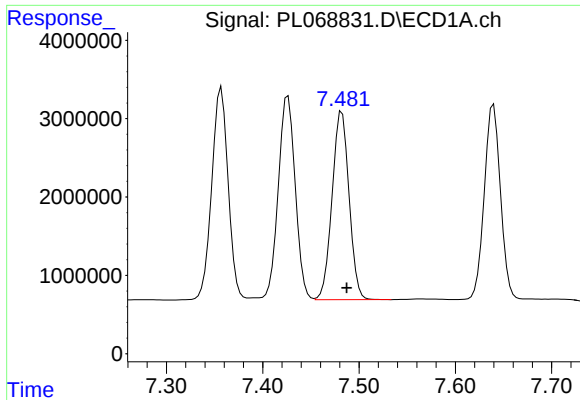
#8 Heptachlor epoxide

R.T.: 7.079 min  
Delta R.T.: -0.005 min  
Response: 30929266  
Conc: 58.03 ng/ml



#8 Heptachlor epoxide

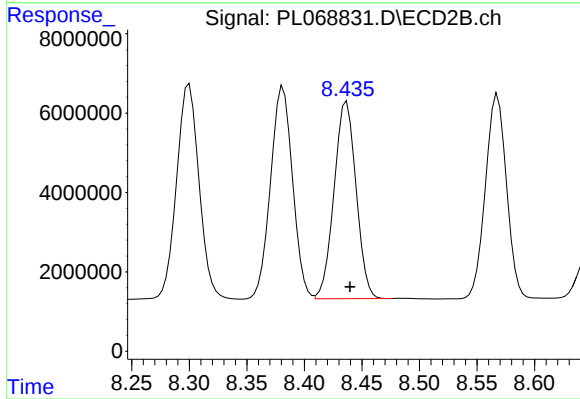
R.T.: 8.031 min  
Delta R.T.: -0.003 min  
Response: 77671352  
Conc: 67.19 ng/ml



#9 Endosulfan I

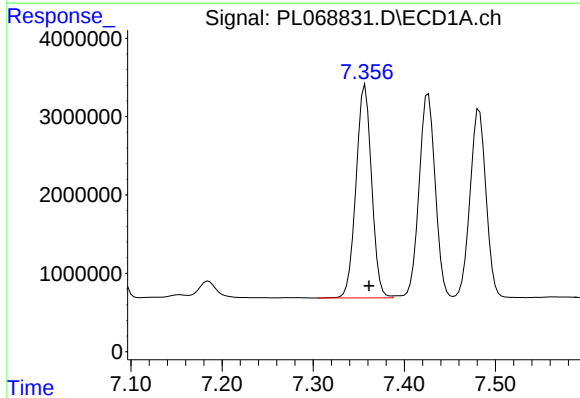
R.T.: 7.482 min  
Delta R.T.: -0.005 min  
Response: 29508944  
Conc: 58.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



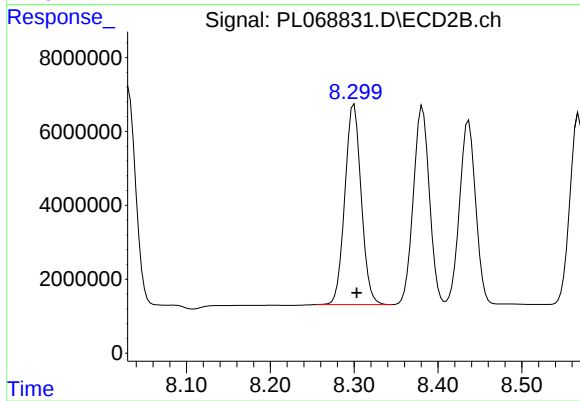
#9 Endosulfan I

R.T.: 8.437 min  
Delta R.T.: -0.003 min  
Response: 66186498  
Conc: 62.76 ng/ml



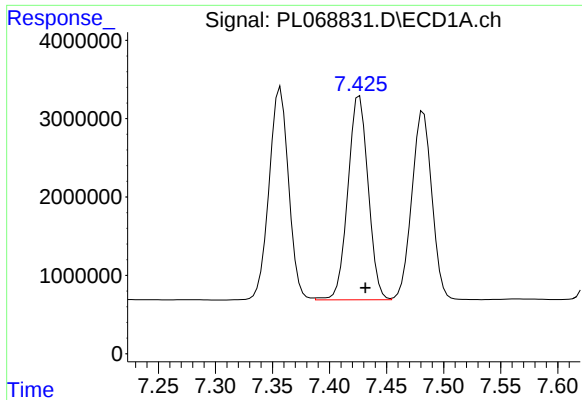
#10 gamma-Chlordane

R.T.: 7.357 min  
Delta R.T.: -0.004 min  
Response: 32226669  
Conc: 58.80 ng/ml



#10 gamma-Chlordane

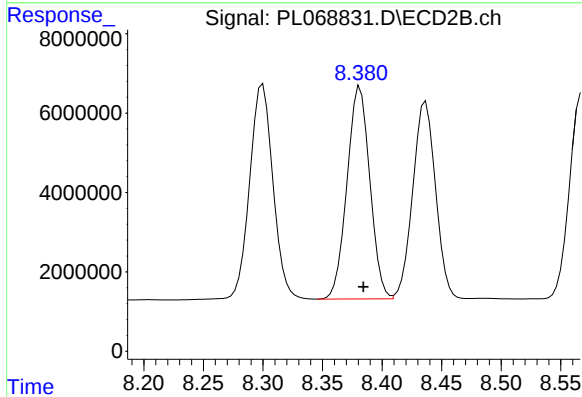
R.T.: 8.300 min  
Delta R.T.: -0.003 min  
Response: 73667971  
Conc: 64.32 ng/ml



#11 alpha-Chlordane

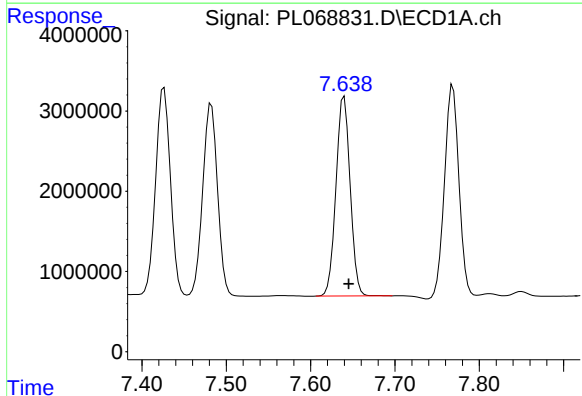
R.T.: 7.426 min  
Delta R.T.: -0.005 min  
Response: 32162147  
Conc: 58.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



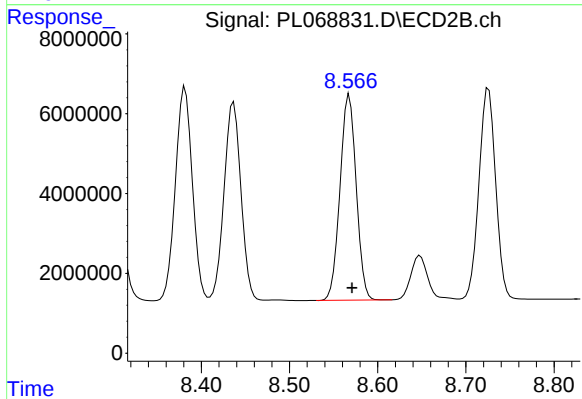
#11 alpha-Chlordane

R.T.: 8.382 min  
Delta R.T.: -0.003 min  
Response: 71429155  
Conc: 62.20 ng/ml



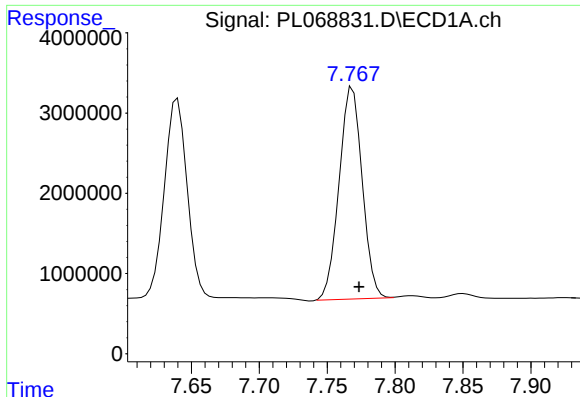
#12 4,4'-DDE

R.T.: 7.640 min  
Delta R.T.: -0.005 min  
Response: 29089526  
Conc: 60.22 ng/ml



#12 4,4'-DDE

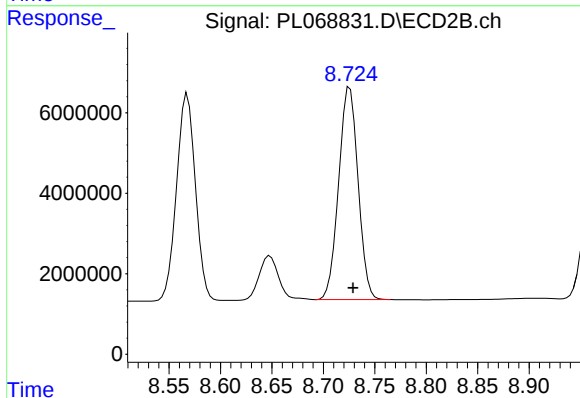
R.T.: 8.568 min  
Delta R.T.: -0.003 min  
Response: 65662835  
Conc: 62.12 ng/ml



#13 Dieldrin

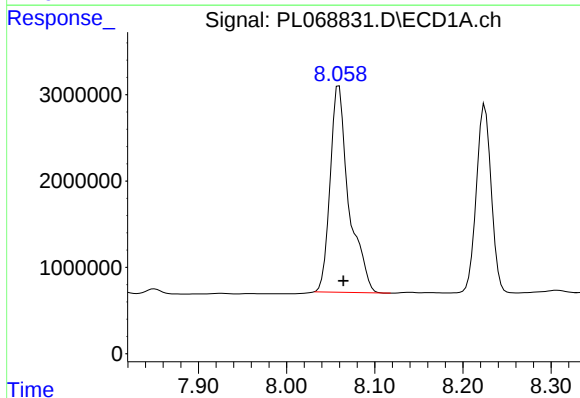
R.T.: 7.769 min  
Delta R.T.: -0.005 min  
Response: 31320742  
Conc: 60.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



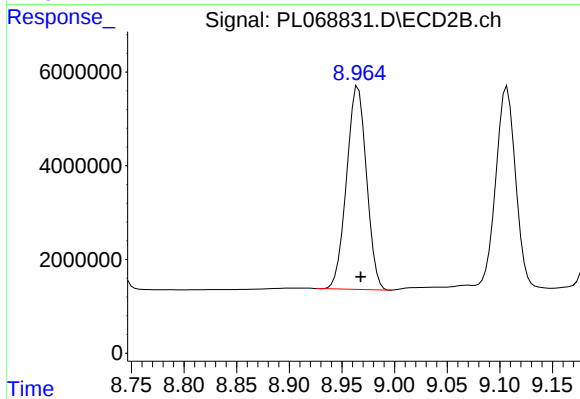
#13 Dieldrin

R.T.: 8.726 min  
Delta R.T.: -0.003 min  
Response: 69347316  
Conc: 63.99 ng/ml



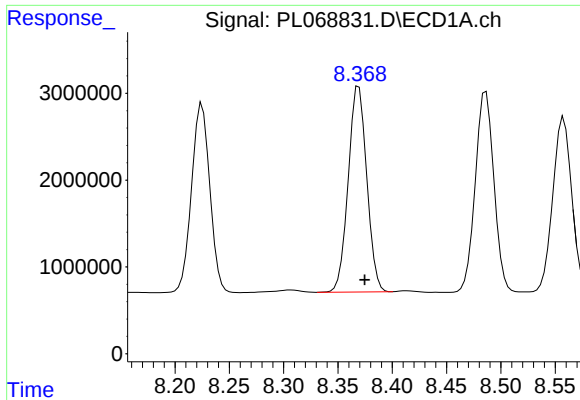
#14 Endrin

R.T.: 8.059 min  
Delta R.T.: -0.005 min  
Response: 35321583  
Conc: 73.29 ng/ml



#14 Endrin

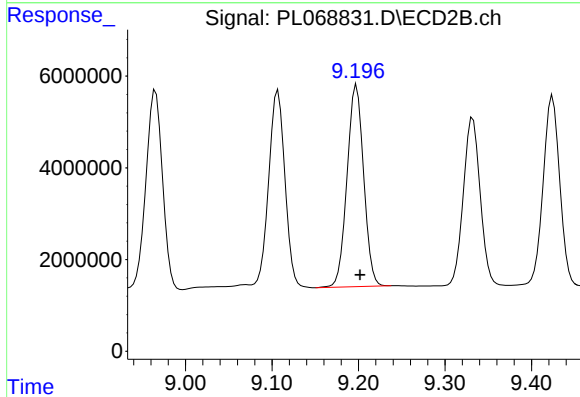
R.T.: 8.965 min  
Delta R.T.: -0.002 min  
Response: 57324193  
Conc: 63.15 ng/ml



#15 Endosulfan II

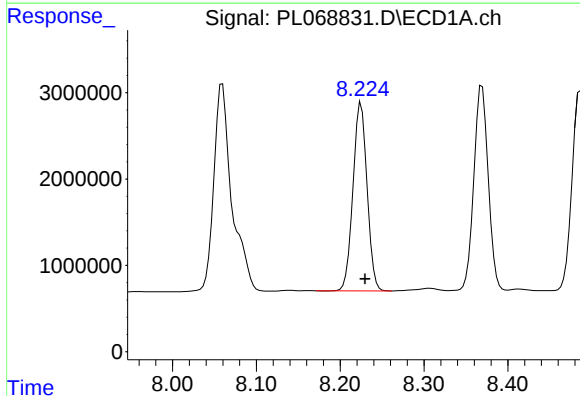
R.T.: 8.369 min  
Delta R.T.: -0.005 min  
Response: 28219257  
Conc: 58.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



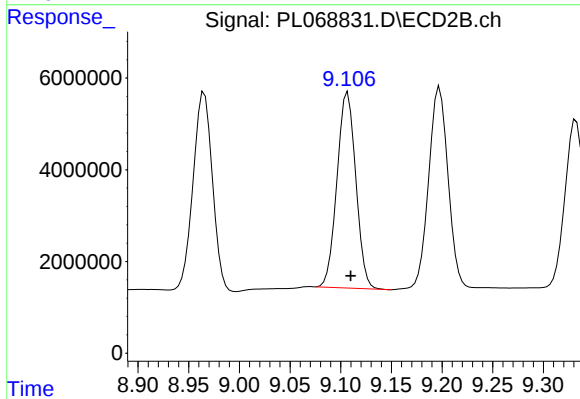
#15 Endosulfan II

R.T.: 9.198 min  
Delta R.T.: -0.004 min  
Response: 58503416  
Conc: 63.79 ng/ml



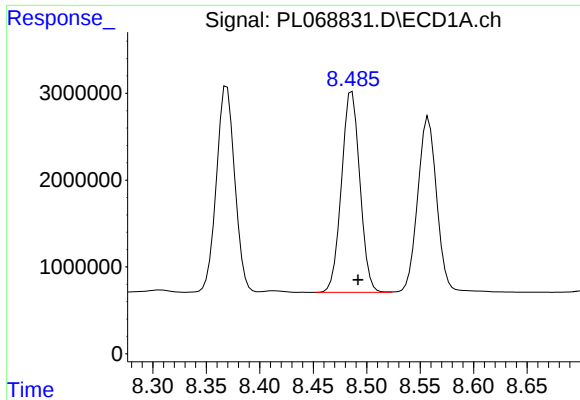
#16 4,4'-DDD

R.T.: 8.225 min  
Delta R.T.: -0.005 min  
Response: 25495832  
Conc: 59.40 ng/ml



#16 4,4'-DDD

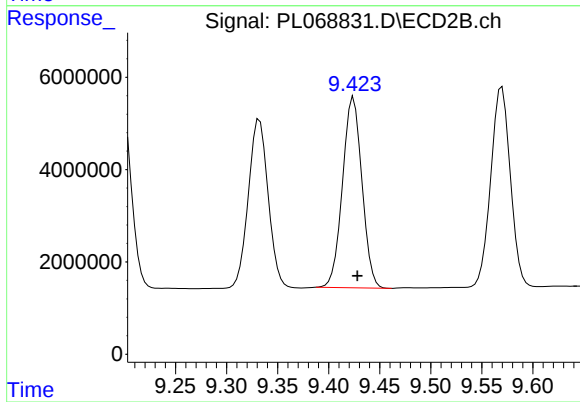
R.T.: 9.107 min  
Delta R.T.: -0.003 min  
Response: 55143289  
Conc: 64.53 ng/ml



#17 4,4'-DDT

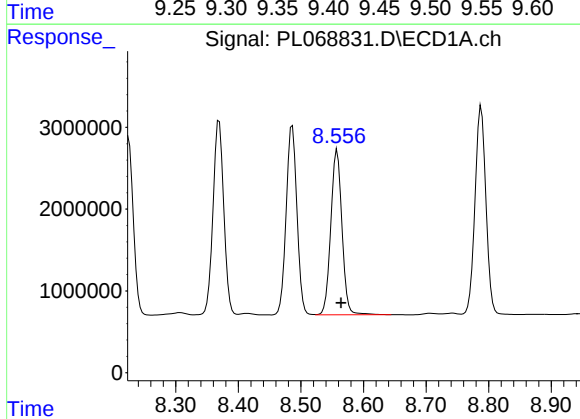
R.T.: 8.486 min  
Delta R.T.: -0.006 min  
Response: 27704387  
Conc: 57.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



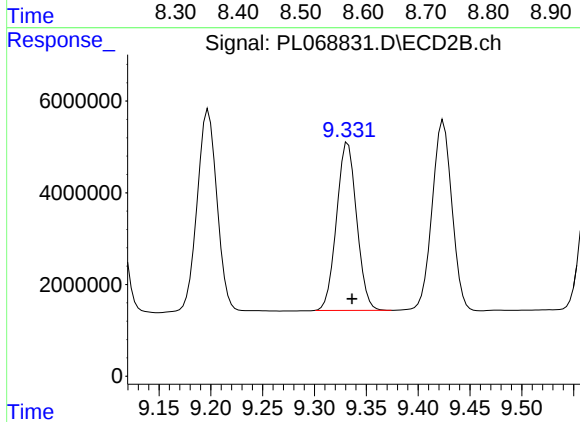
#17 4,4'-DDT

R.T.: 9.424 min  
Delta R.T.: -0.004 min  
Response: 54813617  
Conc: 57.92 ng/ml



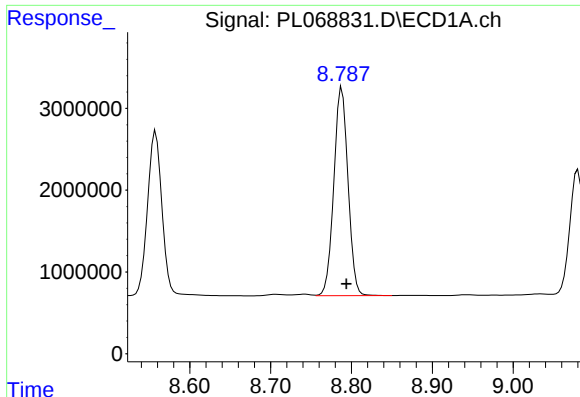
#18 Endrin aldehyde

R.T.: 8.558 min  
Delta R.T.: -0.006 min  
Response: 25110325  
Conc: 66.96 ng/ml



#18 Endrin aldehyde

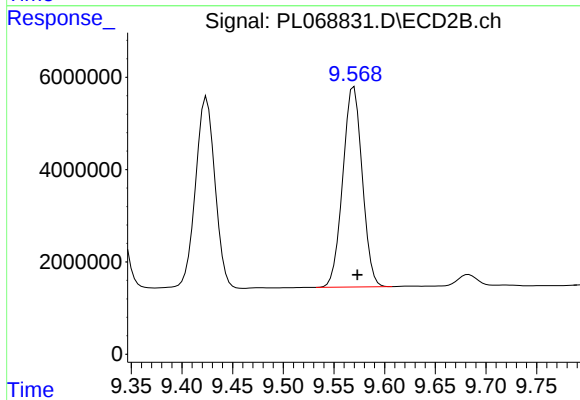
R.T.: 9.332 min  
Delta R.T.: -0.004 min  
Response: 49453837  
Conc: 70.57 ng/ml



#19 Endosulfan Sulfate

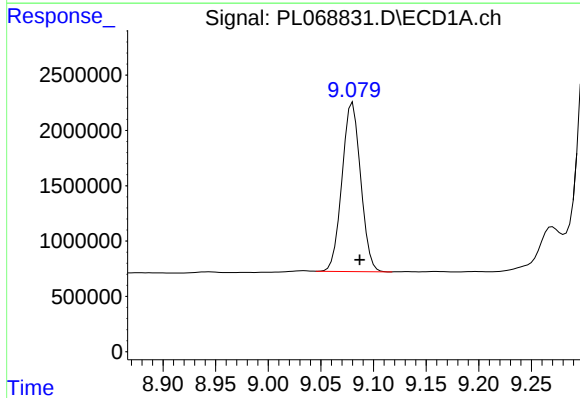
R.T.: 8.788 min  
Delta R.T.: -0.006 min  
Response: 30986988  
Conc: 60.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



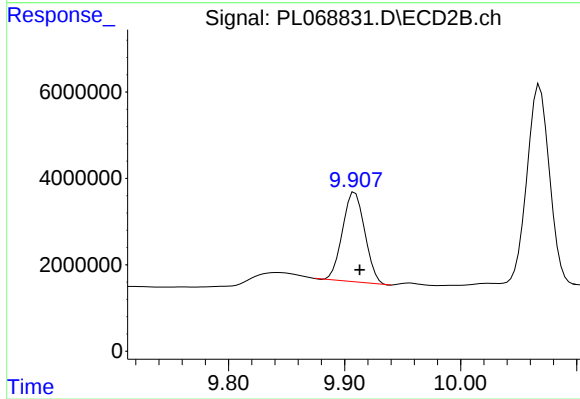
#19 Endosulfan Sulfate

R.T.: 9.570 min  
Delta R.T.: -0.003 min  
Response: 57786968  
Conc: 63.40 ng/ml



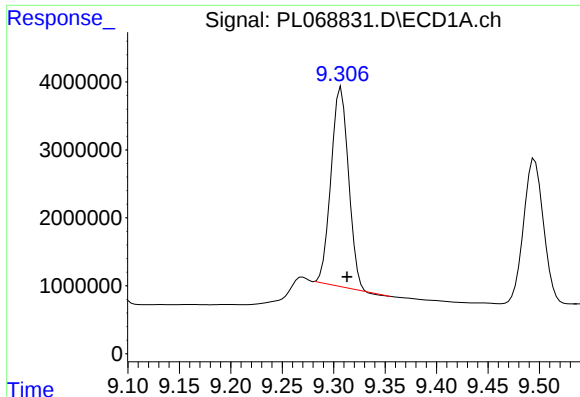
#20 Methoxychlor

R.T.: 9.080 min  
Delta R.T.: -0.007 min  
Response: 18869965  
Conc: 60.28 ng/ml



#20 Methoxychlor

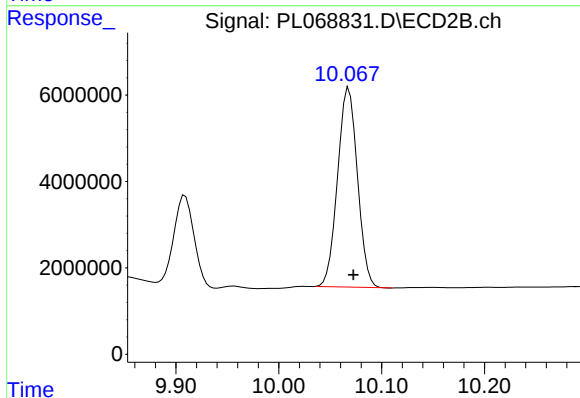
R.T.: 9.909 min  
Delta R.T.: -0.004 min  
Response: 27705727  
Conc: 53.24 ng/ml



#21 Endrin ketone

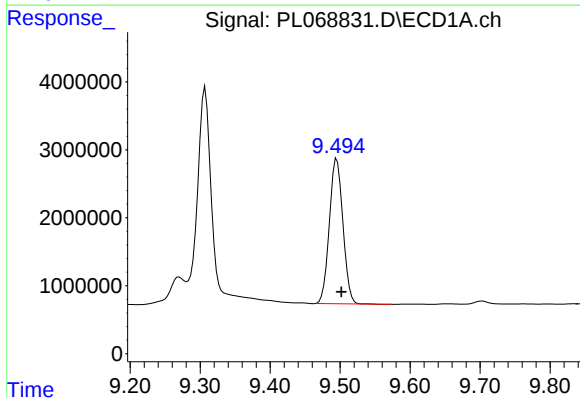
R.T.: 9.307 min  
Delta R.T.: -0.006 min  
Response: 34425980  
Conc: 58.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



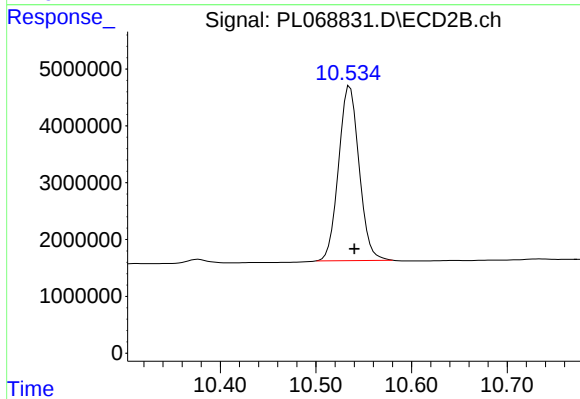
#21 Endrin ketone

R.T.: 10.068 min  
Delta R.T.: -0.004 min  
Response: 61998767  
Conc: 60.89 ng/ml



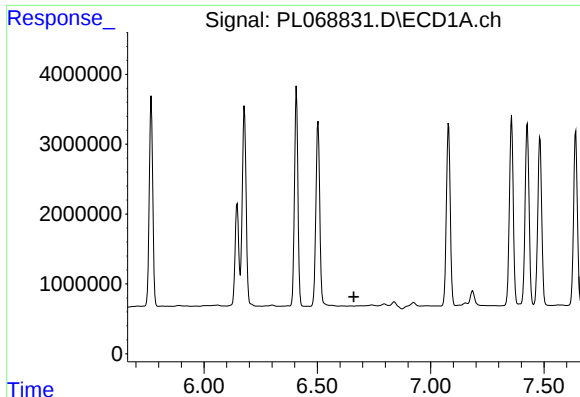
#22 Mirex

R.T.: 9.495 min  
Delta R.T.: -0.007 min  
Response: 28774661  
Conc: 57.43 ng/ml



#22 Mirex

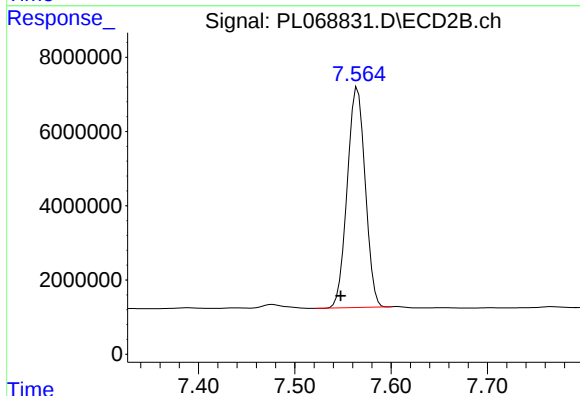
R.T.: 10.535 min  
Delta R.T.: -0.005 min  
Response: 45931936  
Conc: 58.07 ng/ml



#24 Chlordane-2

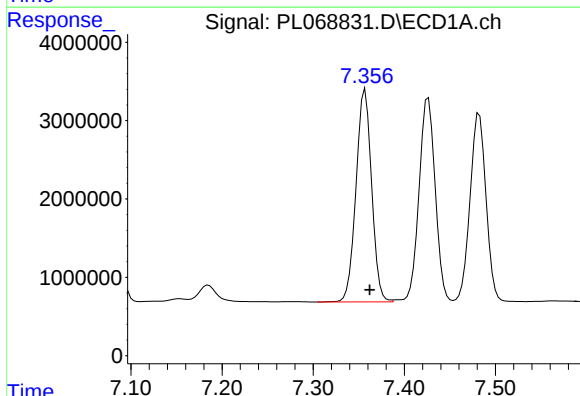
R.T.: 0.000 min  
Exp R.T.: 6.661 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



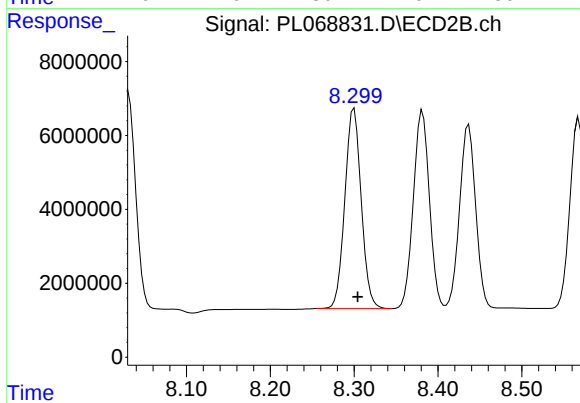
#24 Chlordane-2

R.T.: 7.565 min  
Delta R.T.: 0.018 min  
Response: 76615978  
Conc: 1768.25 ng/ml



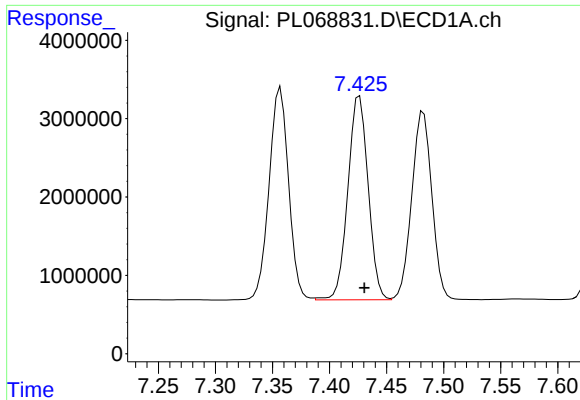
#25 Chlordane-3

R.T.: 7.357 min  
Delta R.T.: -0.005 min  
Response: 32226669  
Conc: 614.39 ng/ml



#25 Chlordane-3

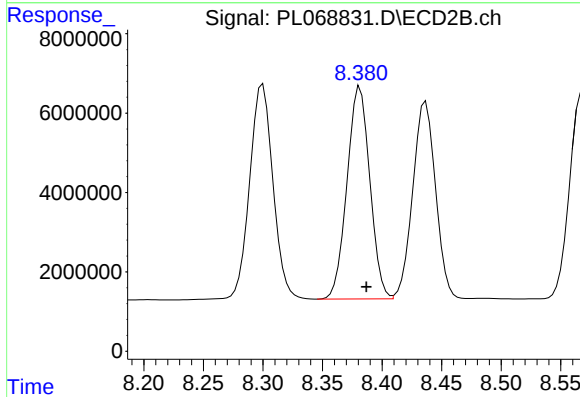
R.T.: 8.300 min  
Delta R.T.: -0.005 min  
Response: 73667971  
Conc: 450.97 ng/ml



#26 Chlordane-4

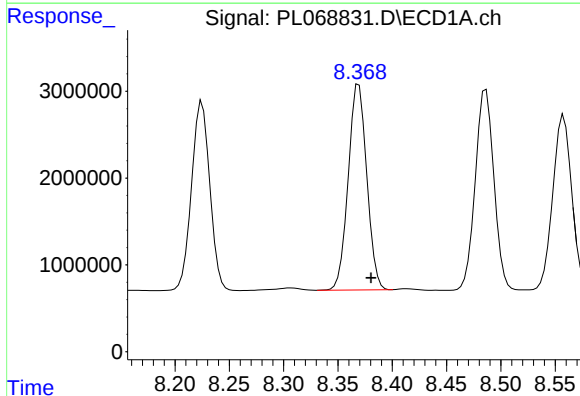
R.T.: 7.426 min  
Delta R.T.: -0.004 min  
Response: 32162147  
Conc: 577.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



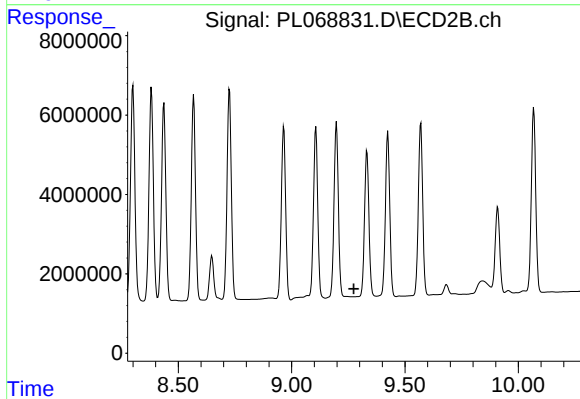
#26 Chlordane-4

R.T.: 8.382 min  
Delta R.T.: -0.005 min  
Response: 71429155  
Conc: 360.17 ng/ml



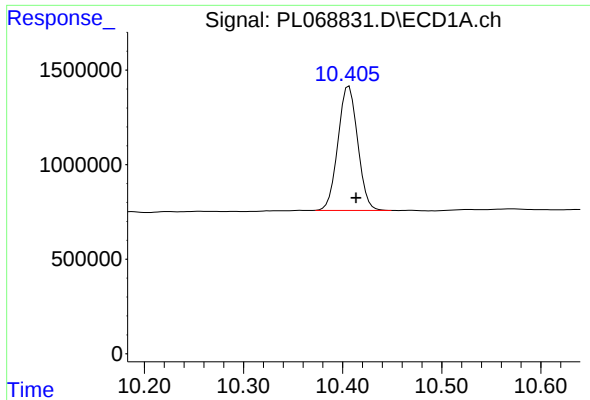
#27 Chlordane-5

R.T.: 8.369 min  
Delta R.T.: -0.011 min  
Response: 28219257  
Conc: 1368.45 ng/ml



#27 Chlordane-5

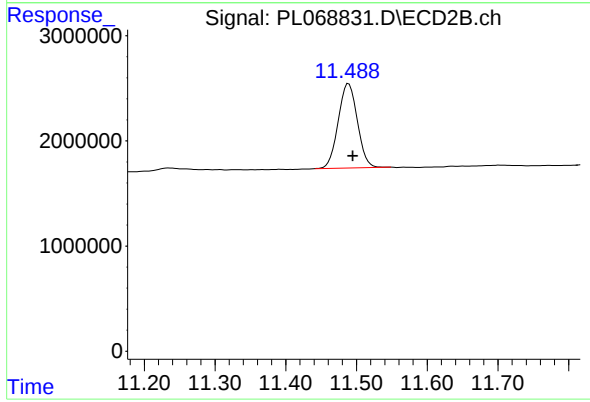
R.T.: 0.000 min  
Exp R.T.: 9.274 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.406 min  
Delta R.T.: -0.007 min  
Response: 9084399  
Conc: 15.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.489 min  
Delta R.T.: -0.006 min  
Response: 15104242  
Conc: 15.57 ng/ml