

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060621\  
 Data File : PL067123.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jun 2021 20:55  
 Operator : AR\AJ  
 Sample : TOXAPHENE361  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TOXAPH361

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 07 06:33:28 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060521CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 07 05:11:59 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 4.015  | 4.899  | 9759264  | 16747374 | 18.729   | 19.040   |
| 27)                         | SA Decachlor... | 9.234  | 10.435 | 24704291 | 34542623 | 39.082   | 38.013   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 4.619f | 0.000  | 4926663  | 0        | 6.198    | N.D. #   |
| 5)                          | MB Aldrin       | 5.600f | 6.696f | 1555317  | 1004669  | 2.392    | 1.068 #  |
| 6)                          | B beta-BHC      | 5.220  | 5.979f | 130422   | 9179137  | 0.364    | 12.734 # |
| 7)                          | B delta-BHC     | 5.480  | 6.158f | 262282   | 1869450  | 0.390    | 2.072 #  |
| 8)                          | B Heptachlo...  | 6.064  | 7.092  | 2294422  | 1348761  | 3.638    | 1.606 #  |
| 9)                          | A Endosulfan I  | 6.449  | 7.500  | 2427941  | 661178   | 3.944    | 0.796 #  |
| 10)                         | B trans-Chl...  | 6.343  | 7.362  | 5189875  | 1753036  | 7.921    | 1.938 #  |
| 11)                         | B cis-Chlor...  | 6.387  | 7.388  | 175775   | 2273462  | 0.267    | 2.545 #  |
| 12)                         | B 4,4'-DDE      | 6.554  | 7.570  | 5126511  | 4233290  | 8.447    | 4.999 #  |
| 13)                         | MA Dieldrin     | 6.687  | 7.756  | 2032693  | 3210768  | 3.052    | 3.586    |
| 14)                         | MA Endrin       | 6.985  | 7.983  | 6002220  | 2994787  | 9.902    | 4.161 #  |
| 15)                         | B Endosulfa...  | 7.291f | 8.234  | 22311696 | 2466567  | 40.228   | 3.358 #  |
| 16)                         | A 4,4'-DDD      | 7.128  | 8.105  | -811165  | 4553012  | N.D.     | 6.623    |
| 17)                         | MA 4,4'-DDT     | 7.372  | 8.451  | 3765614  | 25795434 | 6.984    | 37.037 # |
| 18)                         | B Endrin al...  | 7.449  | 8.338  | 4181308  | 311889   | 8.523    | 0.473 #  |
| 19)                         | B Endosulfa...  | 7.650  | 8.580  | 4218637  | 5021125  | 7.556    | 6.828    |
| 20)                         | A Methoxychlor  | 7.912  | 8.928f | 9879646  | 4381533  | 31.649   | 10.889 # |
| 21)                         | B Endrin ke...  | 8.162  | 9.025  | 623994   | 1907845  | 0.958    | 2.286 #  |
| 22)                         | Toxaphene-1     | 6.662  | 7.638  | 6380739  | 9407256  | 1942.322 | 2218.422 |
| 23)                         | Toxaphene-2     | 6.825  | 7.946  | 7615523  | 9820329  | 2095.946 | 2059.352 |
| 24)                         | Toxaphene-3     | 7.291  | 8.371  | 22311696 | 13192162 | 2108.507 | 2060.746 |
| 25)                         | Toxaphene-4     | 7.546  | 8.451  | 23380555 | 25795434 | 2106.583 | 2053.990 |
| 26)                         | Toxaphene-5     | 8.044  | 8.971  | 25234197 | 20878370 | 2079.667 | 2115.237 |
| -----                       |                 |        |        |          |          |          |          |

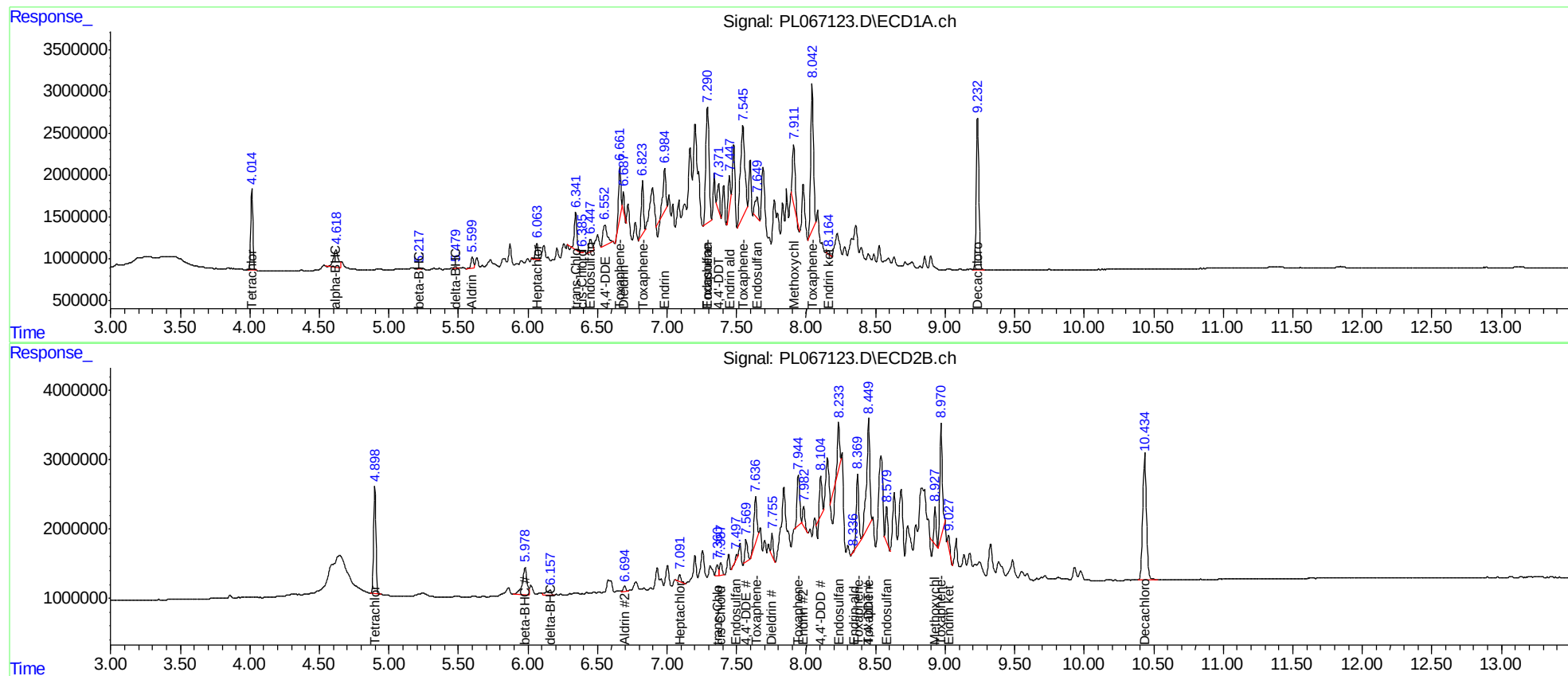
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

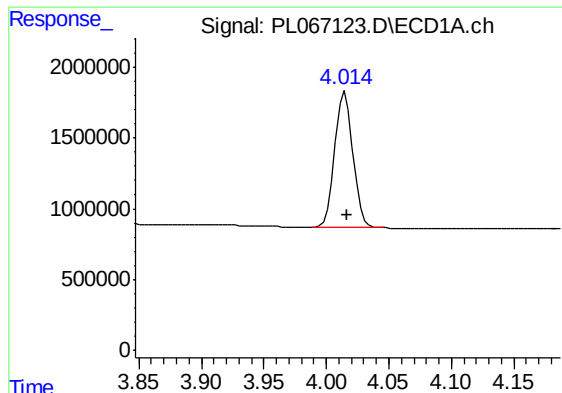
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060621\  
Data File : PL067123.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jun 2021 20:55  
Operator : AR\AJ  
Sample : TOXAPHENE361  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 07 06:33:28 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060521CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 07 05:11:59 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 x 0.50µm

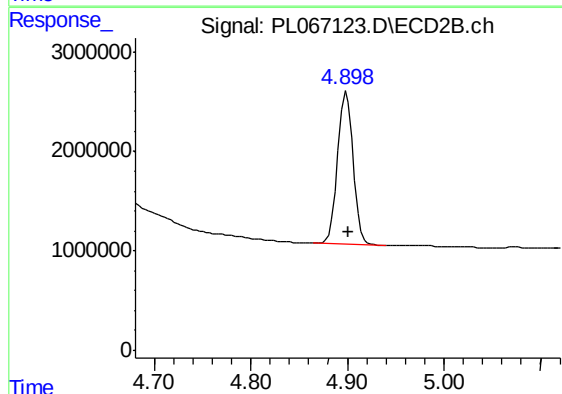




#1 Tetrachloro-m-xylene

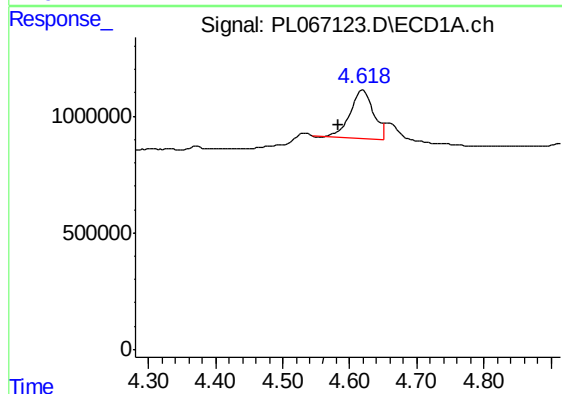
R.T.: 4.015 min  
Delta R.T.: -0.002 min  
Response: 9759264  
Conc: 18.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361



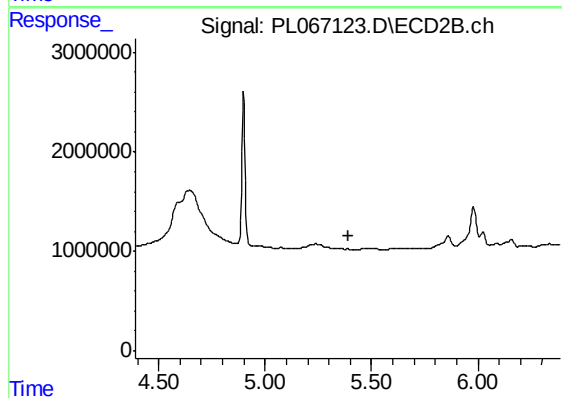
#1 Tetrachloro-m-xylene

R.T.: 4.899 min  
Delta R.T.: -0.002 min  
Response: 16747374  
Conc: 19.04 ng/ml



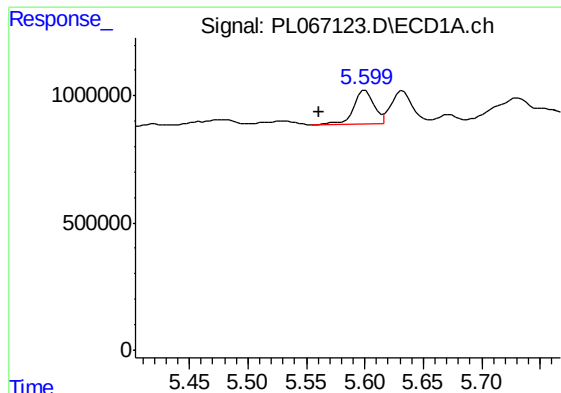
#2 alpha-BHC

R.T.: 4.619 min  
Delta R.T.: 0.037 min  
Response: 4926663  
Conc: 6.20 ng/ml



#2 alpha-BHC

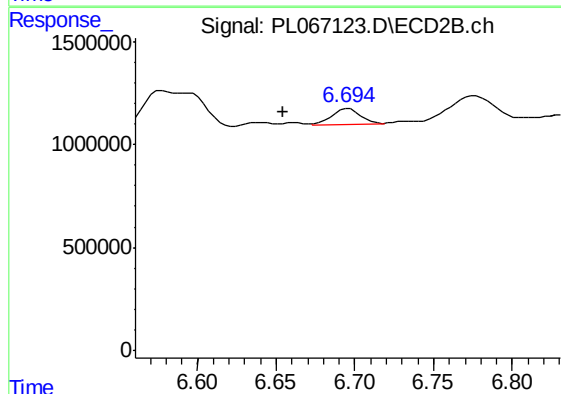
R.T.: 0.000 min  
Exp R.T. : 5.390 min  
Response: 0  
Conc: N.D.



#5 Aldrin

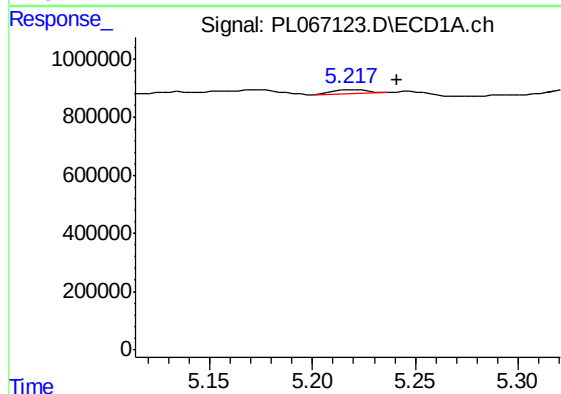
R.T.: 5.600 min  
Delta R.T.: 0.040 min  
Response: 1555317  
Conc: 2.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361



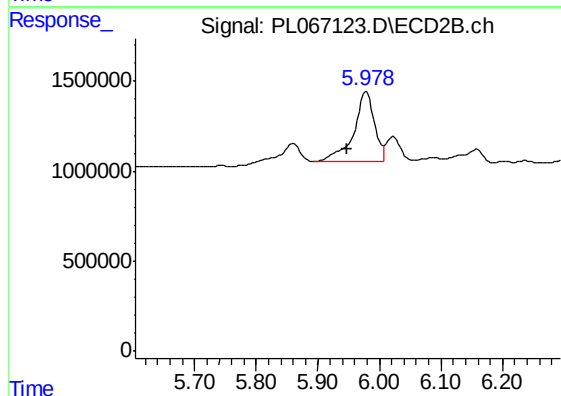
#5 Aldrin

R.T.: 6.696 min  
Delta R.T.: 0.042 min  
Response: 1004669  
Conc: 1.07 ng/ml



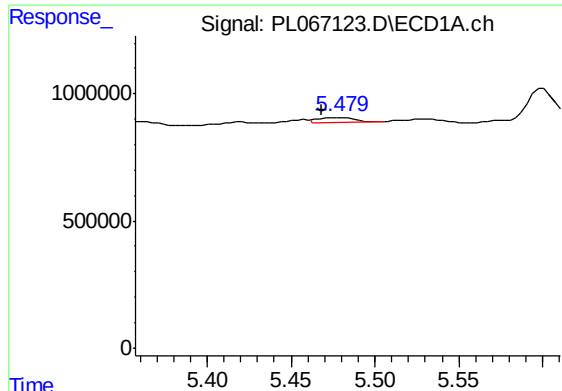
#6 beta-BHC

R.T.: 5.220 min  
Delta R.T.: -0.021 min  
Response: 130422  
Conc: 0.36 ng/ml



#6 beta-BHC

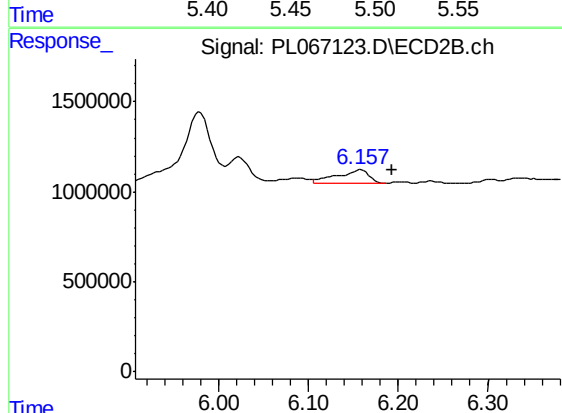
R.T.: 5.979 min  
Delta R.T.: 0.031 min  
Response: 9179137  
Conc: 12.73 ng/ml



#7 delta-BHC

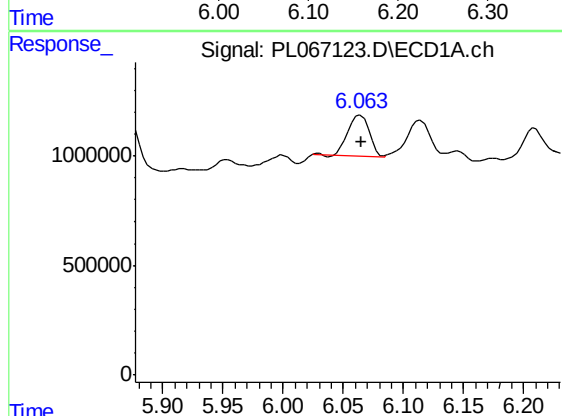
R.T.: 5.480 min  
Delta R.T.: 0.012 min  
Response: 262282  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361



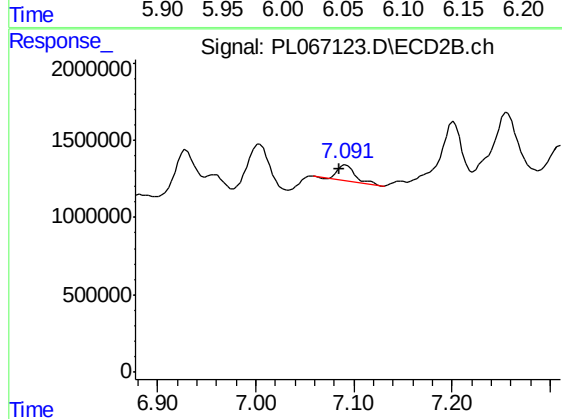
#7 delta-BHC

R.T.: 6.158 min  
Delta R.T.: -0.034 min  
Response: 1869450  
Conc: 2.07 ng/ml



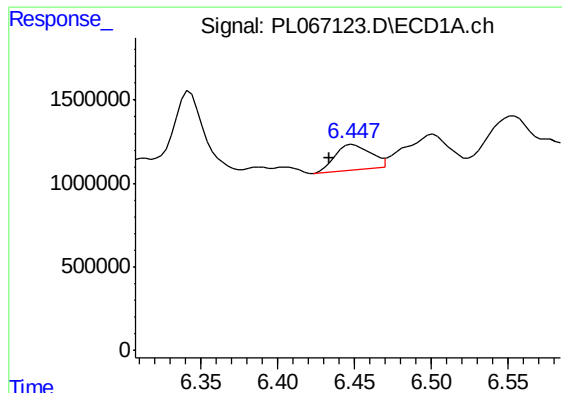
#8 Heptachlor epoxide

R.T.: 6.064 min  
Delta R.T.: 0.000 min  
Response: 2294422  
Conc: 3.64 ng/ml



#8 Heptachlor epoxide

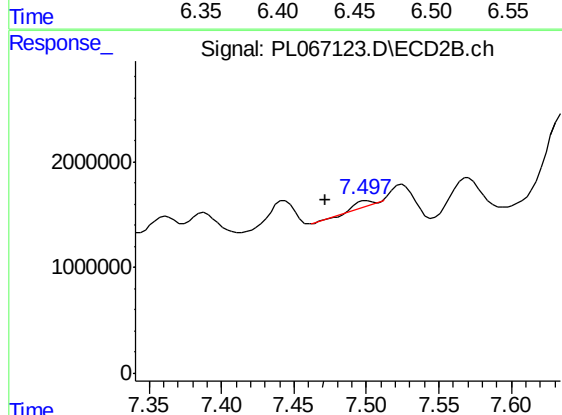
R.T.: 7.092 min  
Delta R.T.: 0.007 min  
Response: 1348761  
Conc: 1.61 ng/ml



#9 Endosulfan I

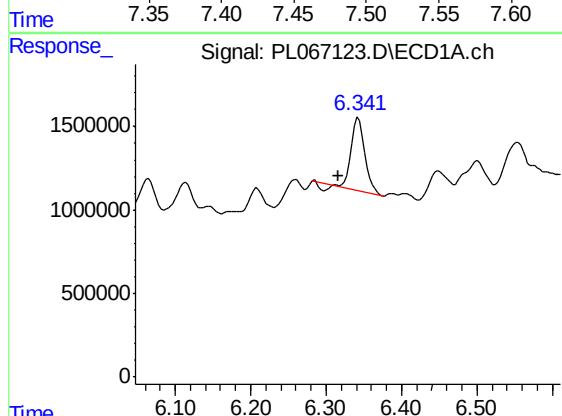
R.T.: 6.449 min  
Delta R.T.: 0.016 min  
Response: 2427941  
Conc: 3.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361



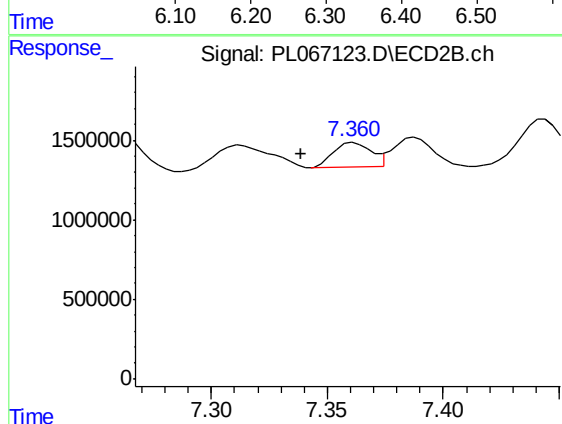
#9 Endosulfan I

R.T.: 7.500 min  
Delta R.T.: 0.028 min  
Response: 661178  
Conc: 0.80 ng/ml



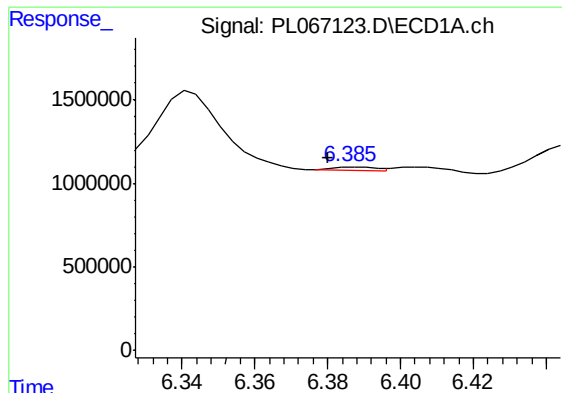
#10 trans-Chlordane

R.T.: 6.343 min  
Delta R.T.: 0.026 min  
Response: 5189875  
Conc: 7.92 ng/ml



#10 trans-Chlordane

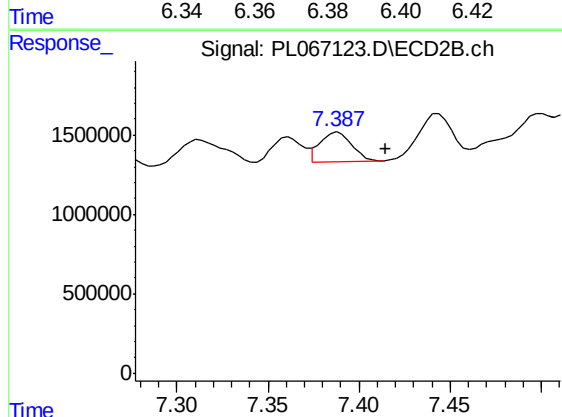
R.T.: 7.362 min  
Delta R.T.: 0.023 min  
Response: 1753036  
Conc: 1.94 ng/ml



#11 cis-Chlordane

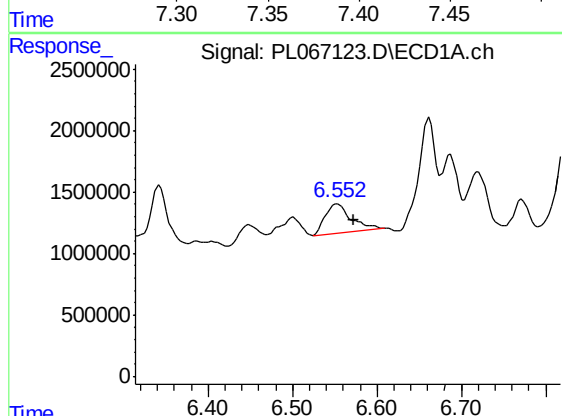
R.T.: 6.387 min  
Delta R.T.: 0.007 min  
Response: 175775  
Conc: 0.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361



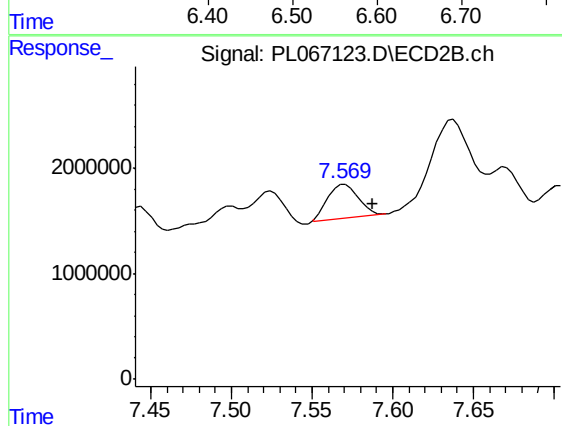
#11 cis-Chlordane

R.T.: 7.388 min  
Delta R.T.: -0.026 min  
Response: 2273462  
Conc: 2.55 ng/ml



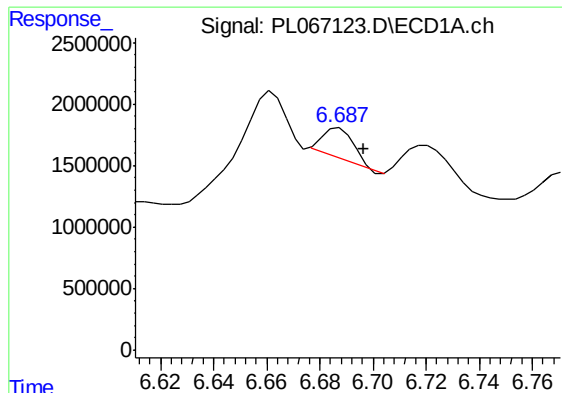
#12 4,4'-DDE

R.T.: 6.554 min  
Delta R.T.: -0.019 min  
Response: 5126511  
Conc: 8.45 ng/ml



#12 4,4'-DDE

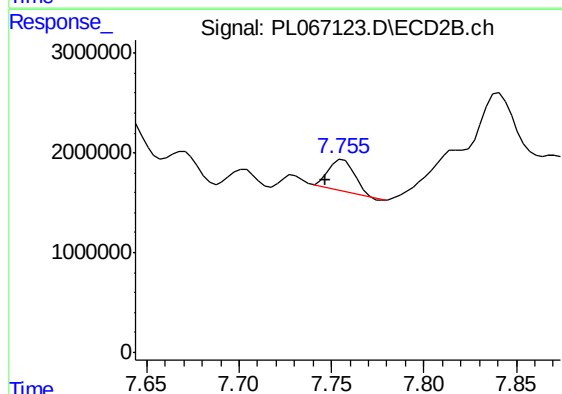
R.T.: 7.570 min  
Delta R.T.: -0.017 min  
Response: 4233290  
Conc: 5.00 ng/ml



#13 Dieldrin

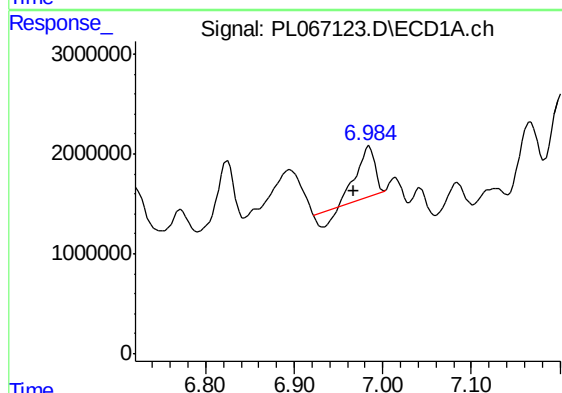
R.T.: 6.687 min  
Delta R.T.: -0.009 min  
Response: 2032693  
Conc: 3.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361



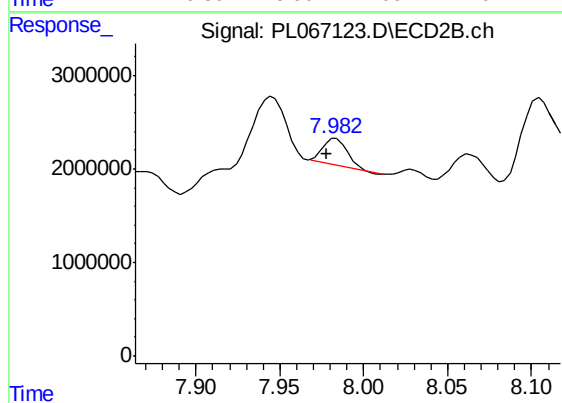
#13 Dieldrin

R.T.: 7.756 min  
Delta R.T.: 0.009 min  
Response: 3210768  
Conc: 3.59 ng/ml



#14 Endrin

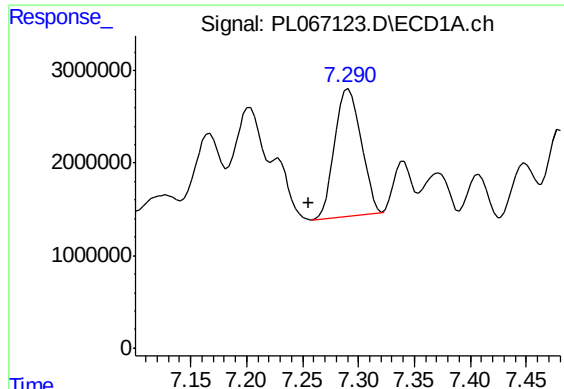
R.T.: 6.985 min  
Delta R.T.: 0.019 min  
Response: 6002220  
Conc: 9.90 ng/ml



#14 Endrin

R.T.: 7.983 min  
Delta R.T.: 0.005 min  
Response: 2994787  
Conc: 4.16 ng/ml

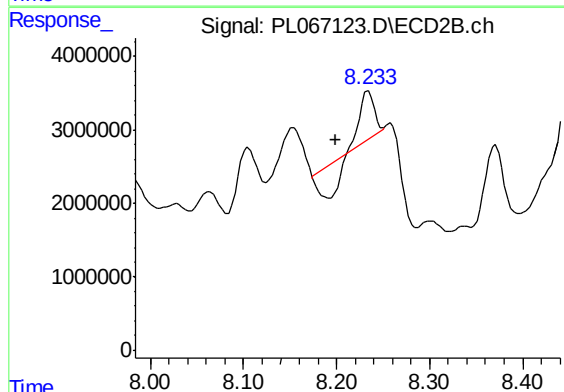




#15 Endosulfan II

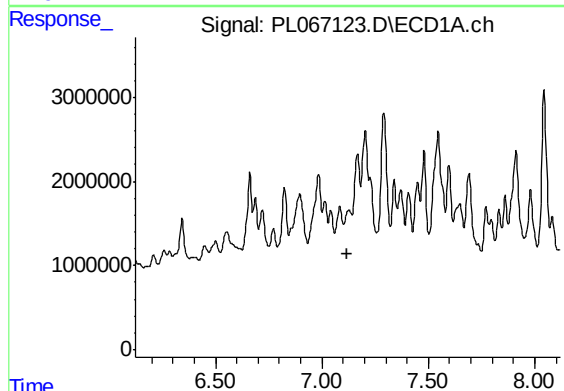
R.T.: 7.291 min  
Delta R.T.: 0.036 min  
Response: 22311696  
Conc: 40.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361



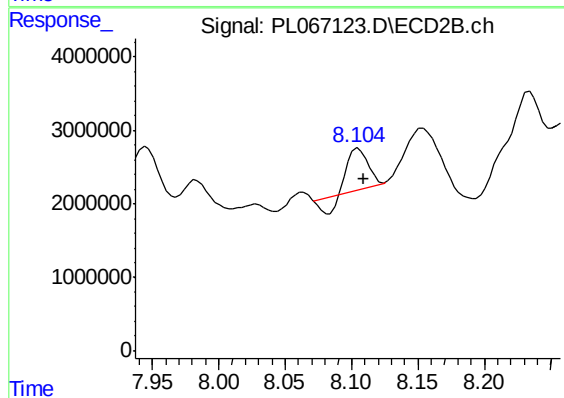
#15 Endosulfan II

R.T.: 8.234 min  
Delta R.T.: 0.035 min  
Response: 2466567  
Conc: 3.36 ng/ml



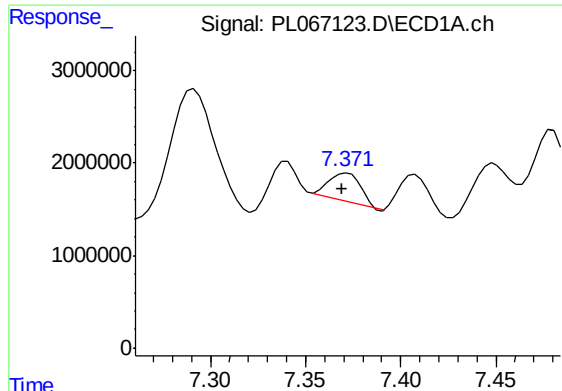
#16 4,4'-DDD

R.T.: 7.128 min  
Delta R.T.: 0.008 min  
Response: -811165  
Conc: N.D.



#16 4,4'-DDD

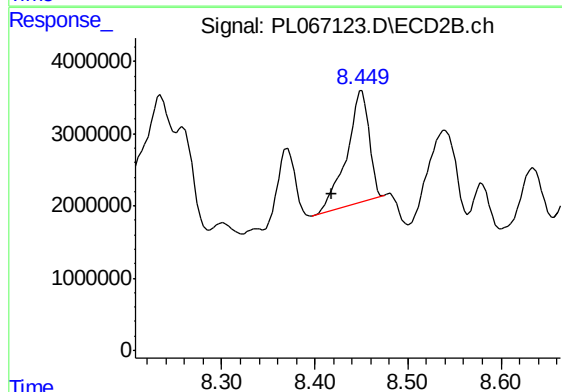
R.T.: 8.105 min  
Delta R.T.: -0.005 min  
Response: 4553012  
Conc: 6.62 ng/ml



#17 4,4'-DDT

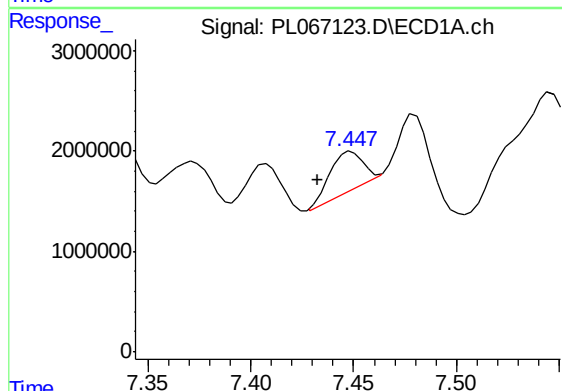
R.T.: 7.372 min  
Delta R.T.: 0.003 min  
Response: 3765614  
Conc: 6.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361



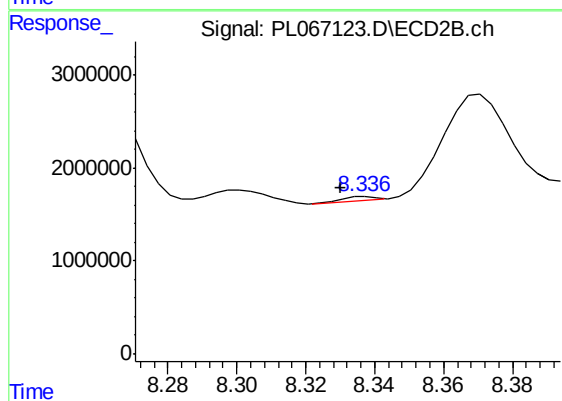
#17 4,4'-DDT

R.T.: 8.451 min  
Delta R.T.: 0.032 min  
Response: 25795434  
Conc: 37.04 ng/ml



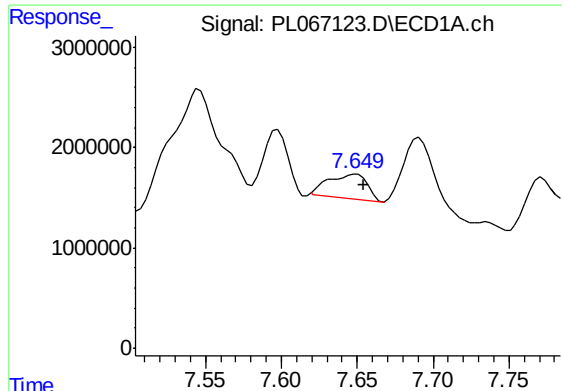
#18 Endrin aldehyde

R.T.: 7.449 min  
Delta R.T.: 0.016 min  
Response: 4181308  
Conc: 8.52 ng/ml



#18 Endrin aldehyde

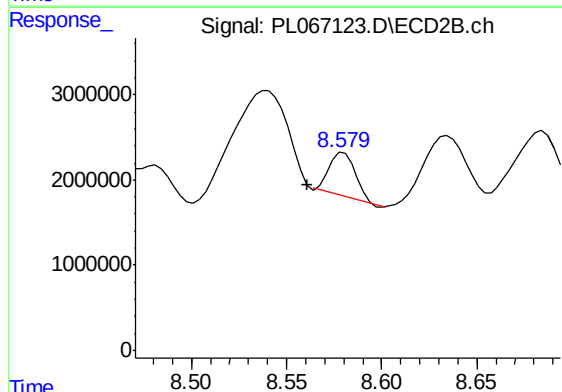
R.T.: 8.338 min  
Delta R.T.: 0.007 min  
Response: 311889  
Conc: 0.47 ng/ml



#19 Endosulfan Sulfate

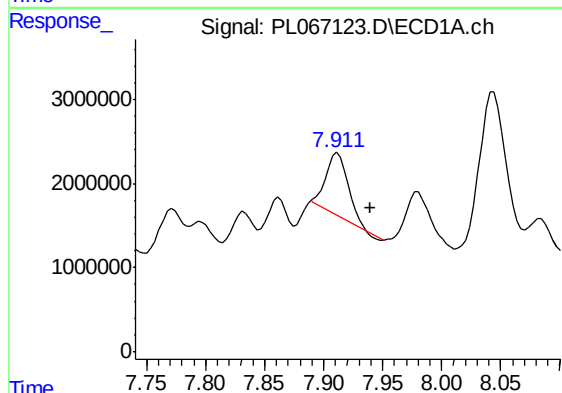
R.T.: 7.650 min  
Delta R.T.: -0.004 min  
Response: 4218637  
Conc: 7.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361



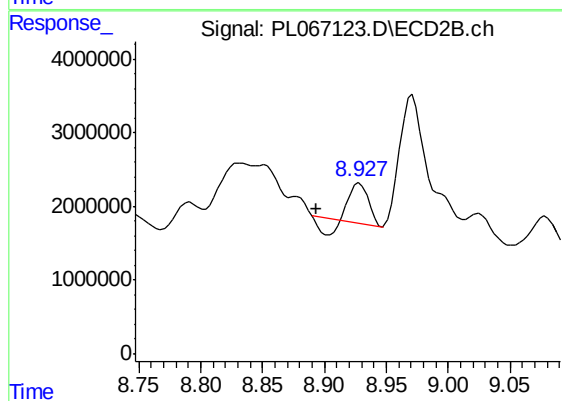
#19 Endosulfan Sulfate

R.T.: 8.580 min  
Delta R.T.: 0.019 min  
Response: 5021125  
Conc: 6.83 ng/ml



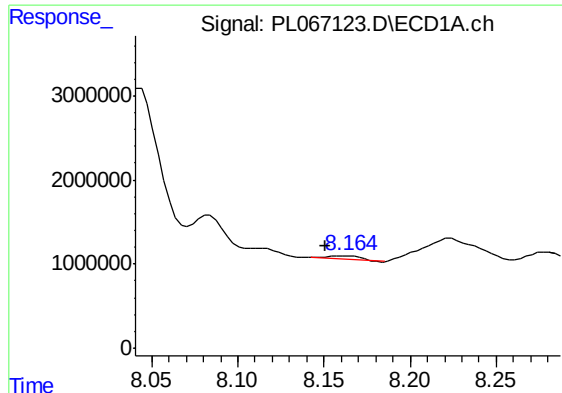
#20 Methoxychlor

R.T.: 7.912 min  
Delta R.T.: -0.028 min  
Response: 9879646  
Conc: 31.65 ng/ml



#20 Methoxychlor

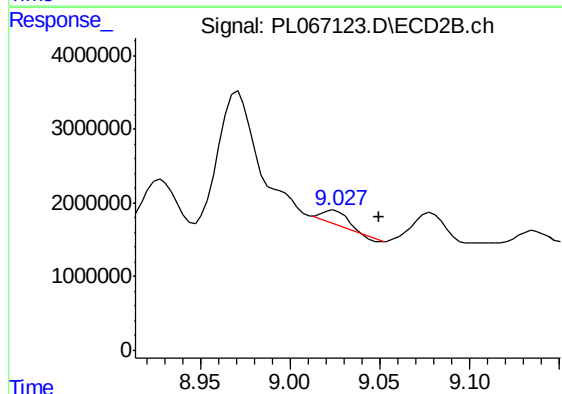
R.T.: 8.928 min  
Delta R.T.: 0.035 min  
Response: 4381533  
Conc: 10.89 ng/ml



#21 Endrin ketone

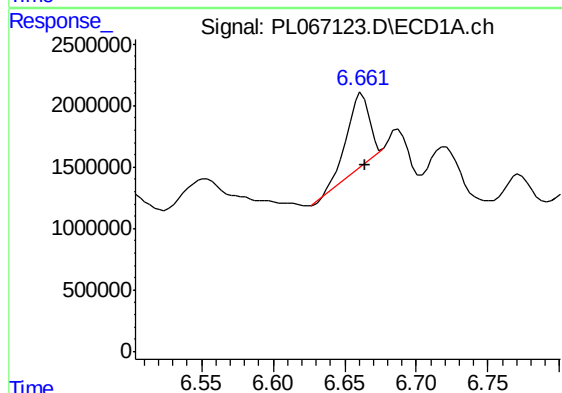
R.T.: 8.162 min  
Delta R.T.: 0.011 min  
Response: 623994  
Conc: 0.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361



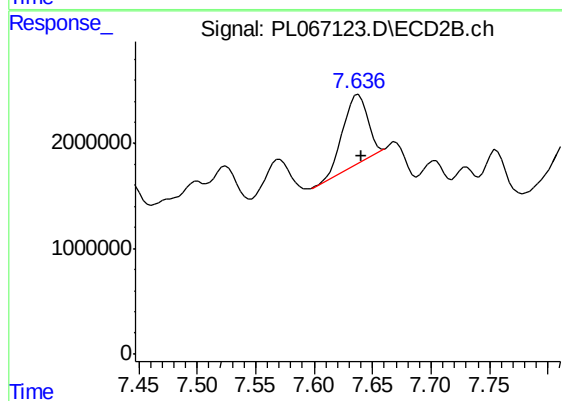
#21 Endrin ketone

R.T.: 9.025 min  
Delta R.T.: -0.025 min  
Response: 1907845  
Conc: 2.29 ng/ml



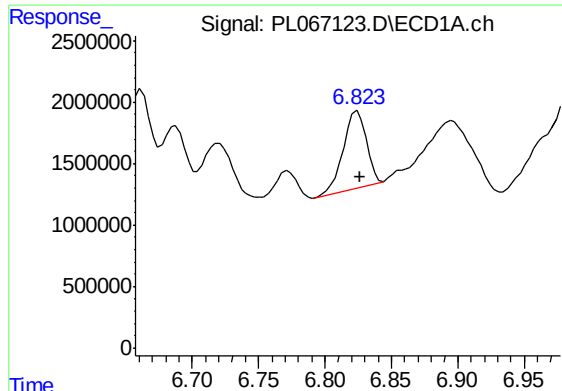
#22 Toxaphene-1

R.T.: 6.662 min  
Delta R.T.: -0.002 min  
Response: 6380739  
Conc: 1942.32 ng/ml



#22 Toxaphene-1

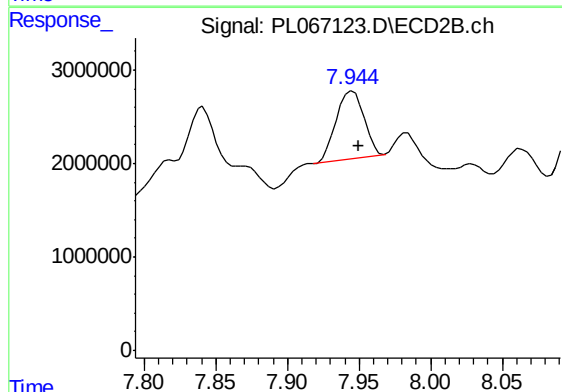
R.T.: 7.638 min  
Delta R.T.: -0.003 min  
Response: 9407256  
Conc: 2218.42 ng/ml



#23 Toxaphene-2

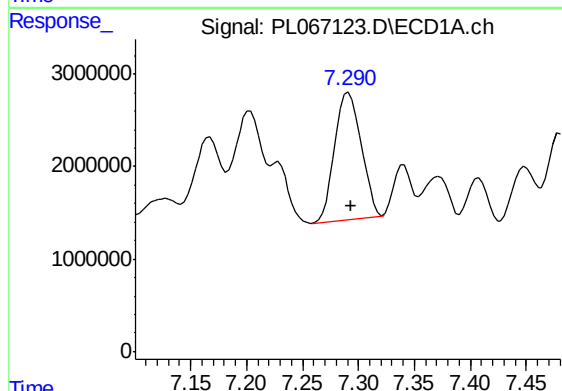
R.T.: 6.825 min  
Delta R.T.: -0.002 min  
Response: 7615523  
Conc: 2095.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361



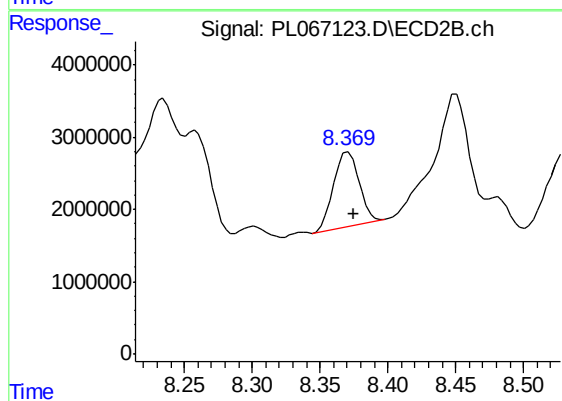
#23 Toxaphene-2

R.T.: 7.946 min  
Delta R.T.: -0.004 min  
Response: 9820329  
Conc: 2059.35 ng/ml



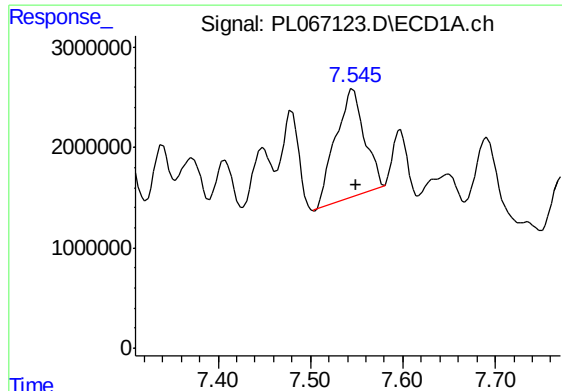
#24 Toxaphene-3

R.T.: 7.291 min  
Delta R.T.: -0.002 min  
Response: 22311696  
Conc: 2108.51 ng/ml



#24 Toxaphene-3

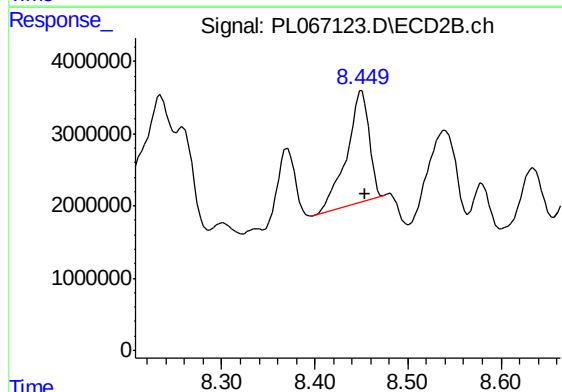
R.T.: 8.371 min  
Delta R.T.: -0.004 min  
Response: 13192162  
Conc: 2060.75 ng/ml



#25 Toxaphene-4

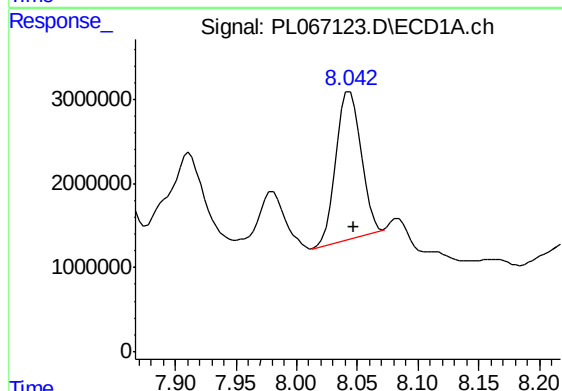
R.T.: 7.546 min  
Delta R.T.: -0.003 min  
Response: 23380555  
Conc: 2106.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361



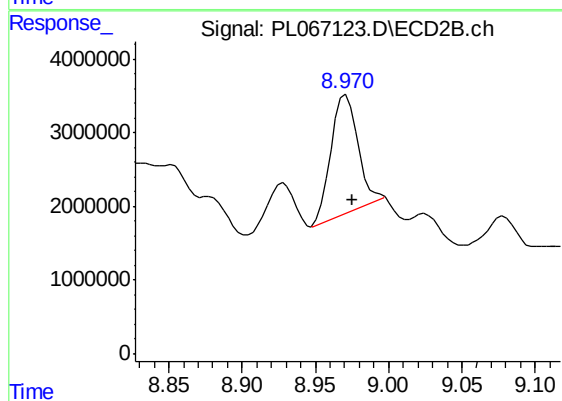
#25 Toxaphene-4

R.T.: 8.451 min  
Delta R.T.: -0.004 min  
Response: 25795434  
Conc: 2053.99 ng/ml



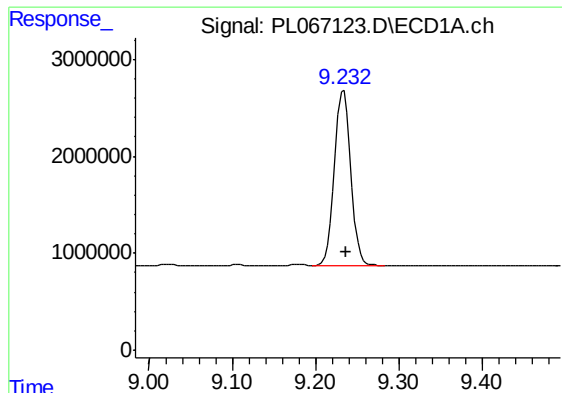
#26 Toxaphene-5

R.T.: 8.044 min  
Delta R.T.: -0.003 min  
Response: 25234197  
Conc: 2079.67 ng/ml



#26 Toxaphene-5

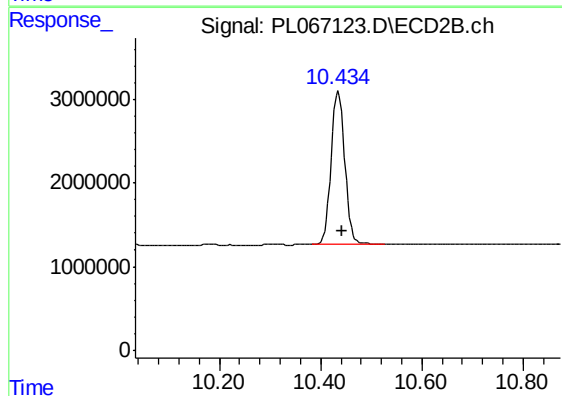
R.T.: 8.971 min  
Delta R.T.: -0.004 min  
Response: 20878370  
Conc: 2115.24 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.234 min  
Delta R.T.: -0.003 min  
Response: 24704291  
Conc: 39.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH361



#27 Decachlorobiphenyl

R.T.: 10.435 min  
Delta R.T.: -0.007 min  
Response: 34542623  
Conc: 38.01 ng/ml