

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071223\  
 Data File : PL083847.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jul 2023 19:45  
 Operator : AR\AJ  
 Sample : 03555-05MS  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 13 02:05:26 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 12 14:26:23 2023  
 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... | 3.474 | 2.687  | 46368855 | 21153003 | 23.186 | 19.047    |
| 28)                         | SA Decachlor... | 9.019 | 7.869  | 22206004 | 20498868 | 17.060 | 18.449    |
| Target Compounds            |                 |       |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 3.932 | 3.193  | 153.0E6  | 86705800 | 52.235 | 53.926    |
| 3)                          | MA gamma-BHC... | 4.265 | 3.523  | 137.3E6  | 97436247 | 48.589 | 64.074 #  |
| 4)                          | MA Heptachlor   | 4.857 | 3.864  | 152.0E6  | 69413158 | 55.929 | 58.901    |
| 5)                          | MB Aldrin       | 5.199 | 4.145  | 140.1E6  | 76456226 | 48.911 | 50.706    |
| 6)                          | B beta-BHC      | 4.464 | 3.825  | 61111155 | 35431646 | 50.933 | 53.680    |
| 7)                          | B delta-BHC     | 4.710 | 4.053  | 142.1E6  | 80722910 | 53.319 | 53.366    |
| 8)                          | B Heptachlo...  | 5.629 | 4.651  | 133.9E6  | 66602432 | 50.161 | 51.864    |
| 9)                          | A Endosulfan I  | 6.015 | 5.044f | 108.2E6  | 176.2E6  | 45.699 | 143.645 # |
| 10)                         | B gamma-Chl...  | 5.886 | 4.904  | 25178231 | 73412663 | 9.752  | 55.108 #  |
| 11)                         | B alpha-Chl...  | 5.966 | 4.969  | 121.3E6  | 68131515 | 47.708 | 50.575    |
| 12)                         | B 4,4'-DDE      | 6.146 | 5.167  | 86253310 | 66138941 | 42.870 | 53.844 #  |
| 13)                         | MA Dieldrin     | 6.292 | 5.290  | 108.6E6  | 80000109 | 45.428 | 61.428 #  |
| 14)                         | MA Endrin       | 6.522 | 5.563  | 89546330 | 60606001 | 47.020 | 55.134    |
| 15)                         | B Endosulfa...  | 6.742 | 5.862  | 79444904 | 61219824 | 42.386 | 53.265 #  |
| 16)                         | A 4,4'-DDD      | 6.663 | 5.724  | 95570685 | 49352120 | 65.079 | 51.444    |
| 17)                         | MA 4,4'-DDT     | 6.979 | 5.976  | 100.5E6  | 56777043 | 63.041 | 62.338    |
| 18)                         | B Endrin al...  | 6.872 | 6.043  | 65956032 | 48885492 | 45.018 | 54.381    |
| 19)                         | B Endosulfa...  | 7.107 | 6.268  | 80034742 | 63578010 | 46.298 | 57.850    |
| 20)                         | A Methoxychlor  | 7.461 | 6.569  | 28081325 | 45126238 | 35.899 | 94.162 #  |
| 21)                         | B Endrin ke...  | 7.592 | 6.772  | 79621244 | 55178633 | 45.434 | 42.705    |
| 22)                         | Mirex           | 8.068 | 6.954  | 47265055 | 41124308 | 33.031 | 40.292    |
| 23)                         | Chlordane-1     | 4.655 | 3.713f | 215000   | 1364355  | 0.266  | 3.457 #   |
| 25)                         | Chlordane-3     | 5.886 | 4.904  | 25178231 | 73412663 | 7.173  | 53.543 #  |
| 26)                         | Chlordane-4     | 5.966 | 4.969  | 121.3E6  | 68131515 | 29.709 | 47.555 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.862  | 0        | 61219824 | N.D.   | 133.407 # |
| -----                       |                 |       |        |          |          |        |           |

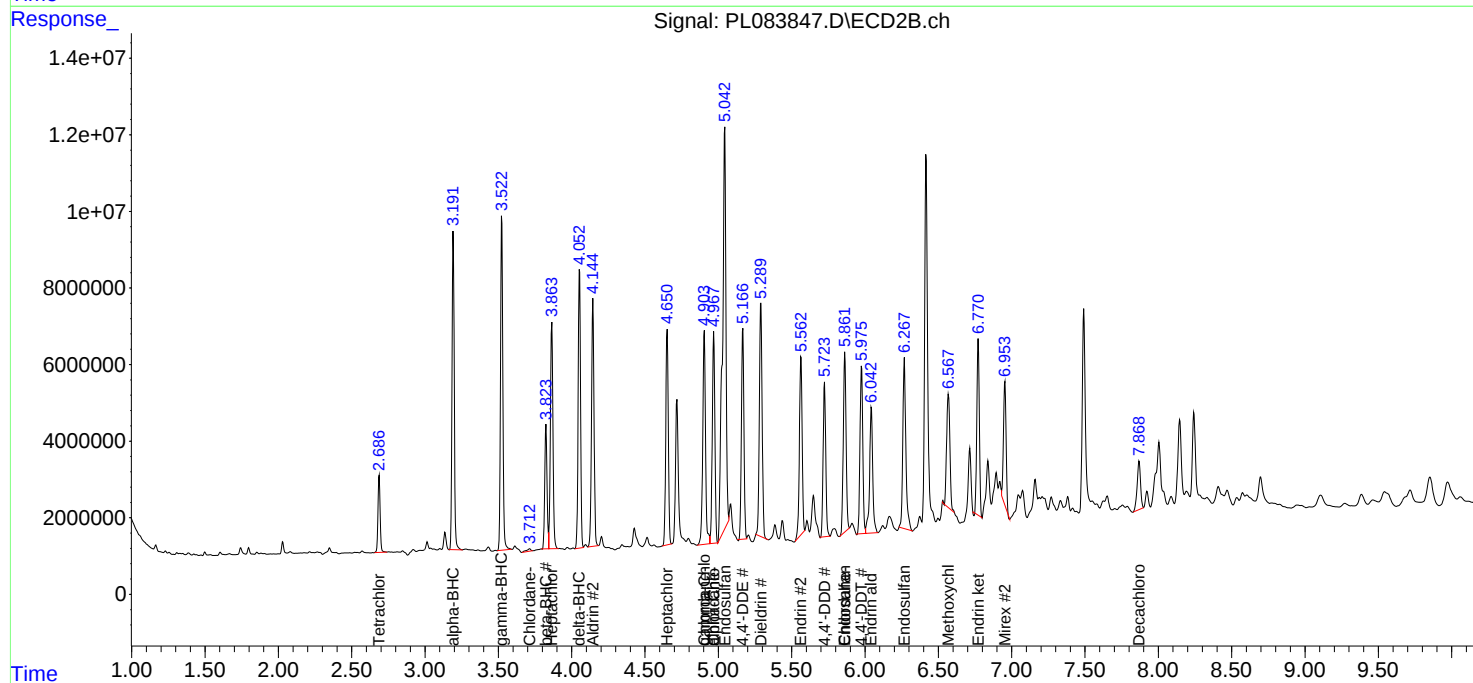
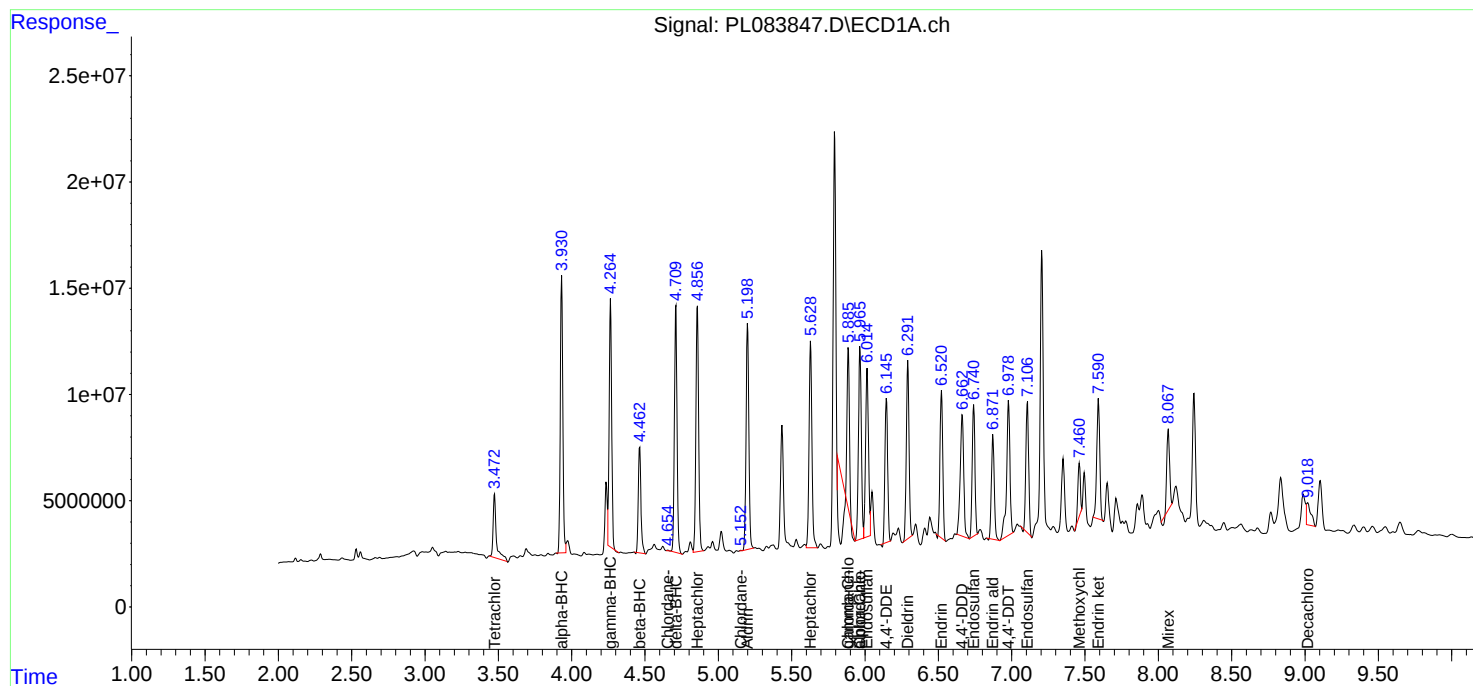
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

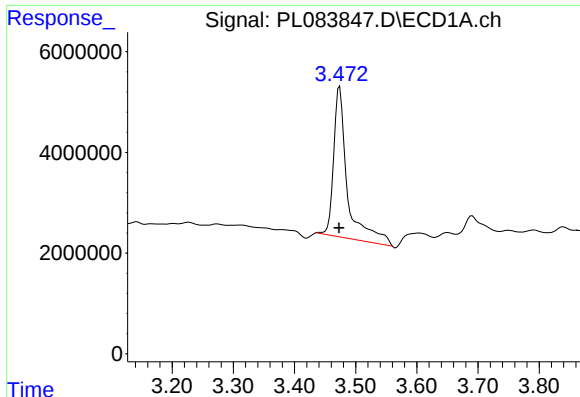
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071223\  
Data File : PL083847.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jul 2023 19:45  
Operator : AR\AJ  
Sample : 03555-05MS  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 13 02:05:26 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 12 14:26:23 2023  
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

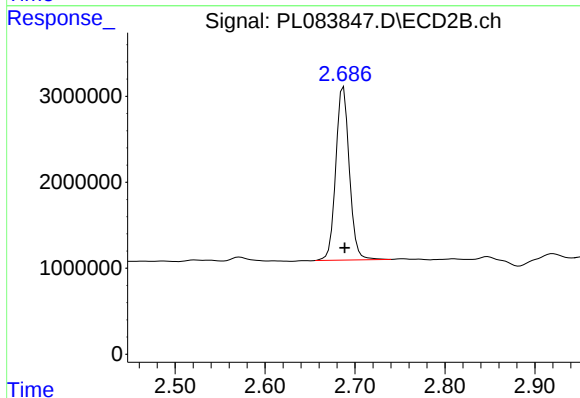




#1 Tetrachloro-m-xylene

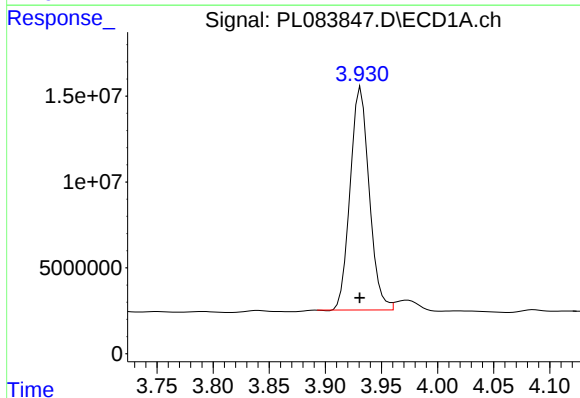
R.T.: 3.474 min  
Delta R.T.: 0.000 min  
Response: 46368855  
Conc: 23.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



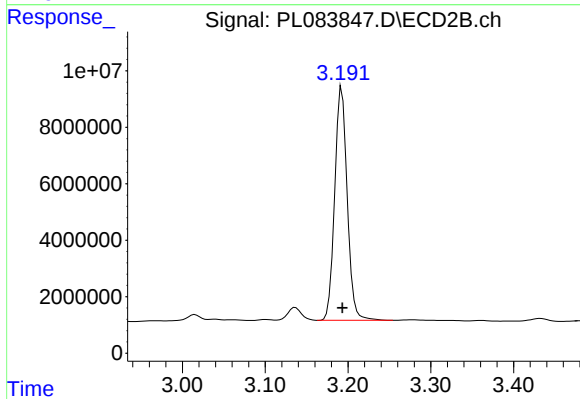
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: -0.001 min  
Response: 21153003  
Conc: 19.05 ng/ml



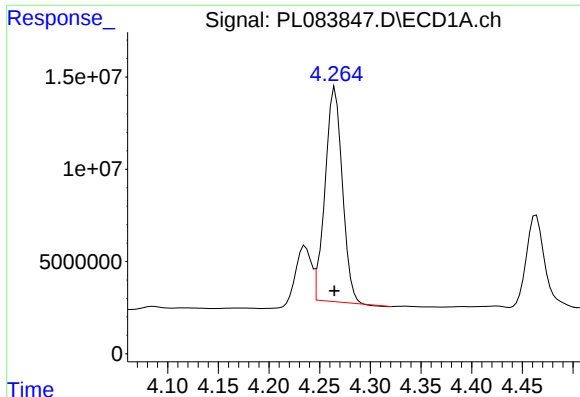
#2 alpha-BHC

R.T.: 3.932 min  
Delta R.T.: 0.000 min  
Response: 153038797  
Conc: 52.24 ng/ml



#2 alpha-BHC

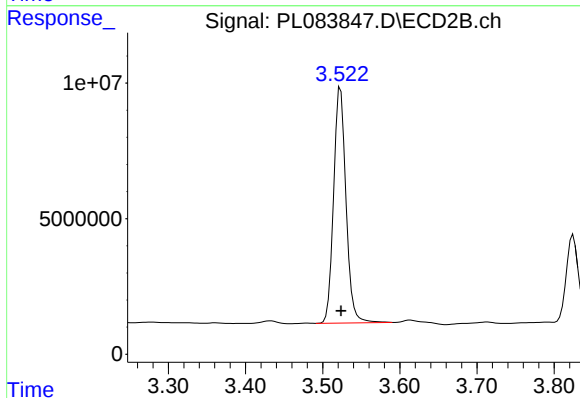
R.T.: 3.193 min  
Delta R.T.: 0.000 min  
Response: 86705800  
Conc: 53.93 ng/ml



#3 gamma-BHC (Lindane)

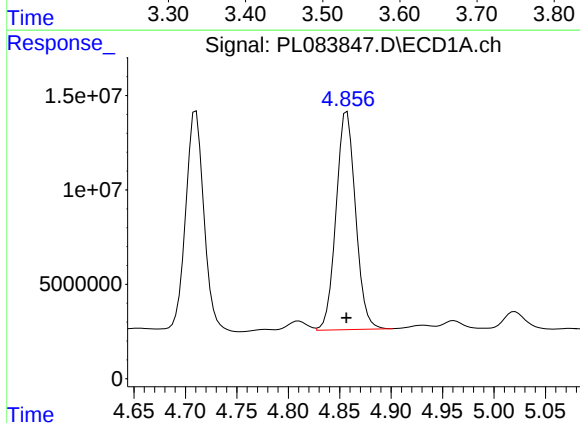
R.T.: 4.265 min  
Delta R.T.: 0.000 min  
Response: 137281072  
Conc: 48.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



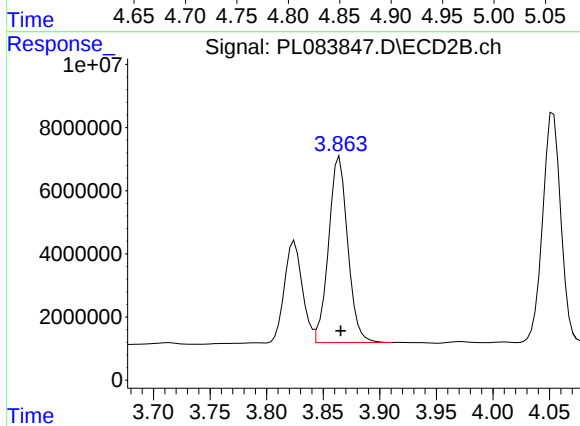
#3 gamma-BHC (Lindane)

R.T.: 3.523 min  
Delta R.T.: 0.000 min  
Response: 97436247  
Conc: 64.07 ng/ml



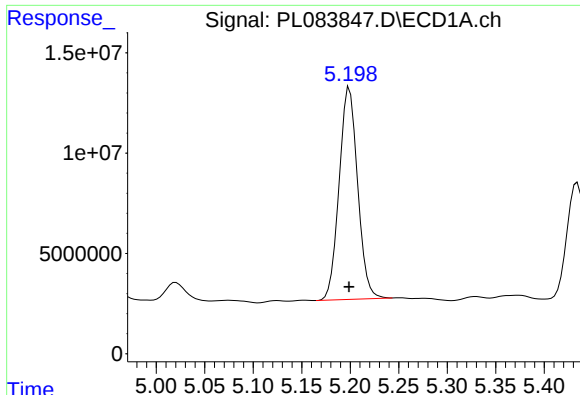
#4 Heptachlor

R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 151990257  
Conc: 55.93 ng/ml



#4 Heptachlor

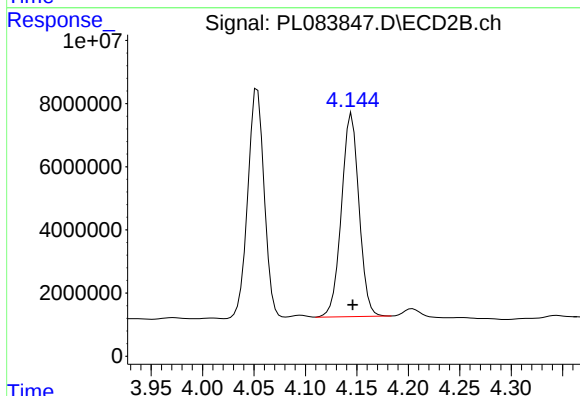
R.T.: 3.864 min  
Delta R.T.: -0.001 min  
Response: 69413158  
Conc: 58.90 ng/ml



#5 Aldrin

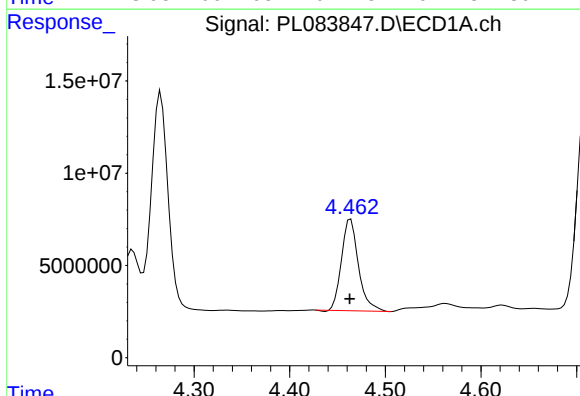
R.T.: 5.199 min  
Delta R.T.: 0.000 min  
Response: 140091728  
Conc: 48.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



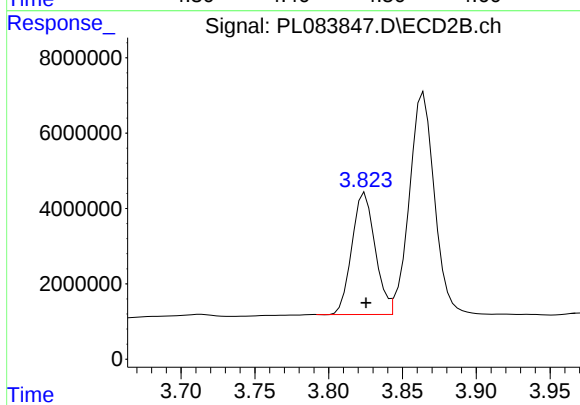
#5 Aldrin

R.T.: 4.145 min  
Delta R.T.: -0.001 min  
Response: 76456226  
Conc: 50.71 ng/ml



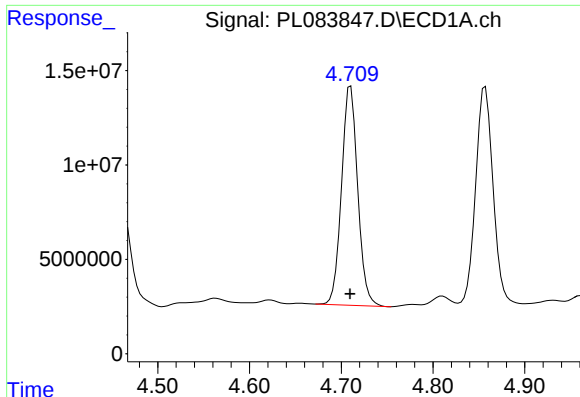
#6 beta-BHC

R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 61111155  
Conc: 50.93 ng/ml



#6 beta-BHC

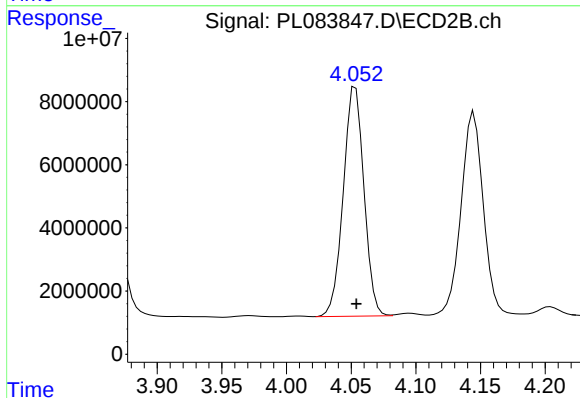
R.T.: 3.825 min  
Delta R.T.: 0.000 min  
Response: 35431646  
Conc: 53.68 ng/ml



#7 delta-BHC

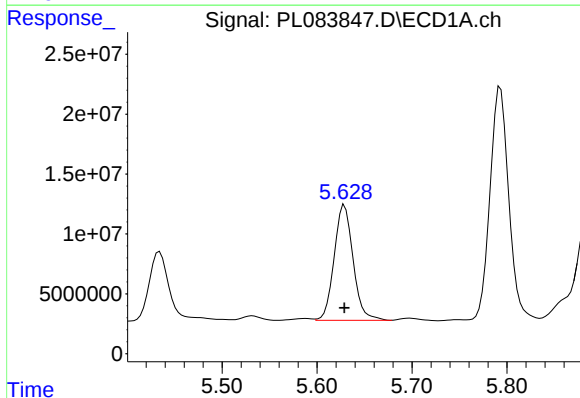
R.T.: 4.710 min  
Delta R.T.: 0.000 min  
Response: 142135952  
Conc: 53.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



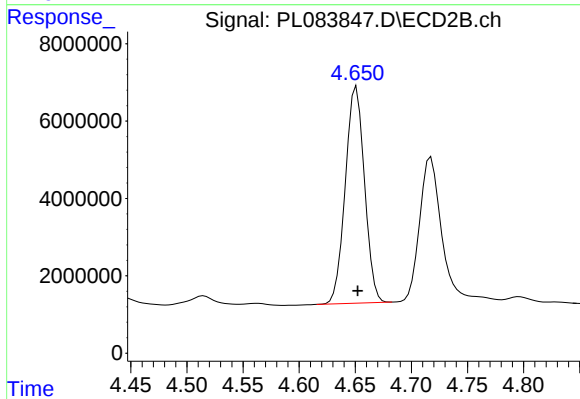
#7 delta-BHC

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 80722910  
Conc: 53.37 ng/ml



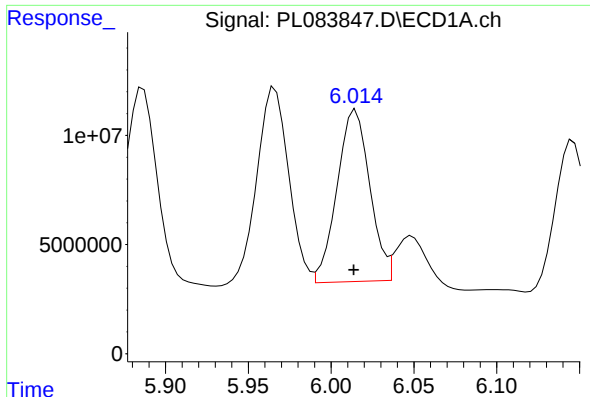
#8 Heptachlor epoxide

R.T.: 5.629 min  
Delta R.T.: 0.000 min  
Response: 133908565  
Conc: 50.16 ng/ml



#8 Heptachlor epoxide

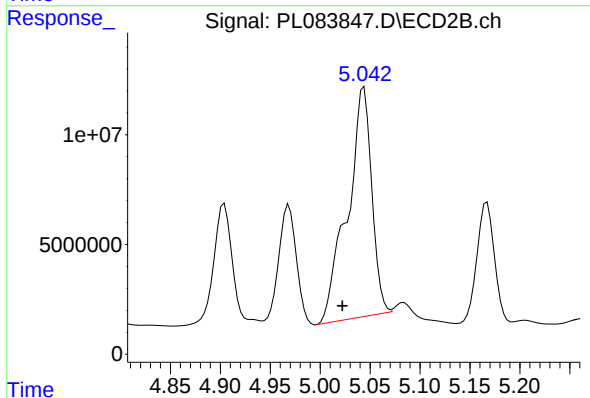
R.T.: 4.651 min  
Delta R.T.: -0.001 min  
Response: 66602432  
Conc: 51.86 ng/ml



#9 Endosulfan I

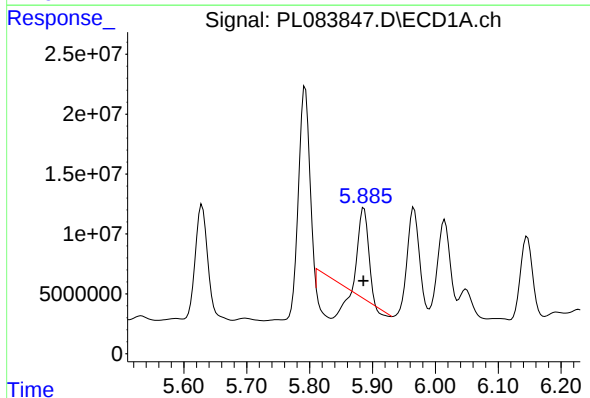
R.T.: 6.015 min  
Delta R.T.: 0.001 min  
Response: 108224034  
Conc: 45.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



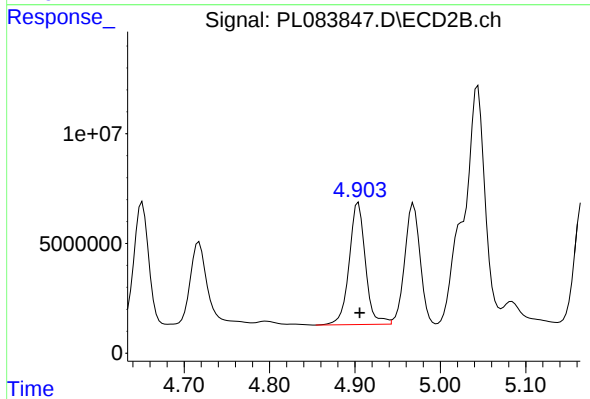
#9 Endosulfan I

R.T.: 5.044 min  
Delta R.T.: 0.022 min  
Response: 176184957  
Conc: 143.65 ng/ml



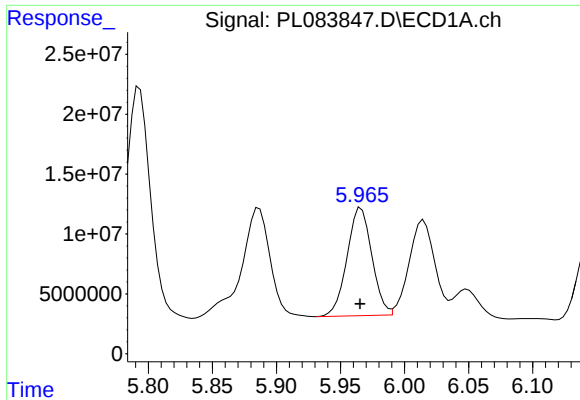
#10 gamma-Chlordane

R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 25178231  
Conc: 9.75 ng/ml



#10 gamma-Chlordane

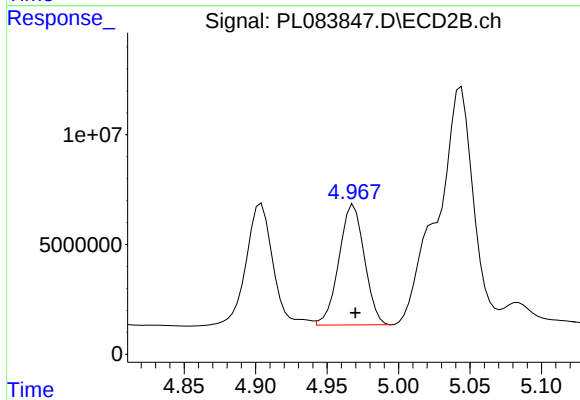
R.T.: 4.904 min  
Delta R.T.: -0.002 min  
Response: 73412663  
Conc: 55.11 ng/ml



#11 alpha-Chlordane

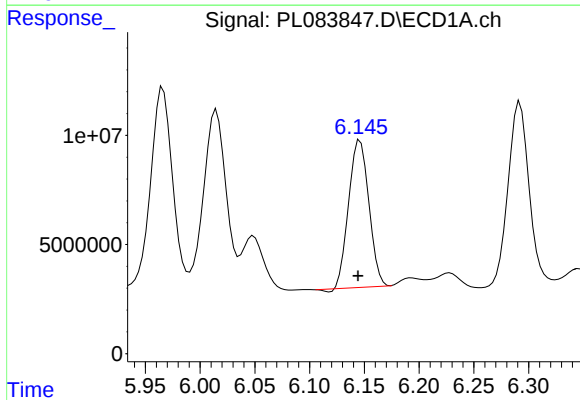
R.T.: 5.966 min  
Delta R.T.: 0.000 min  
Response: 121276233  
Conc: 47.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



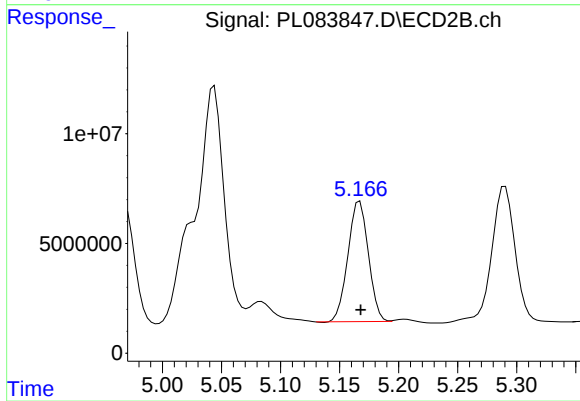
#11 alpha-Chlordane

R.T.: 4.969 min  
Delta R.T.: -0.001 min  
Response: 68131515  
Conc: 50.58 ng/ml



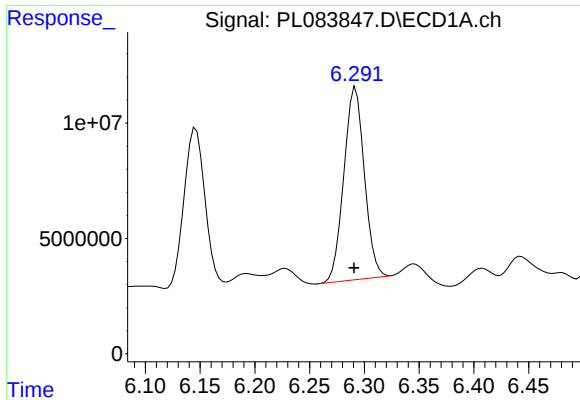
#12 4,4'-DDE

R.T.: 6.146 min  
Delta R.T.: 0.002 min  
Response: 86253310  
Conc: 42.87 ng/ml



#12 4,4'-DDE

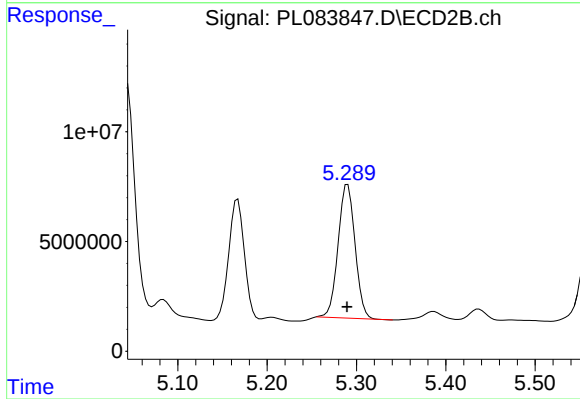
R.T.: 5.167 min  
Delta R.T.: 0.000 min  
Response: 66138941  
Conc: 53.84 ng/ml



#13 Dieldrin

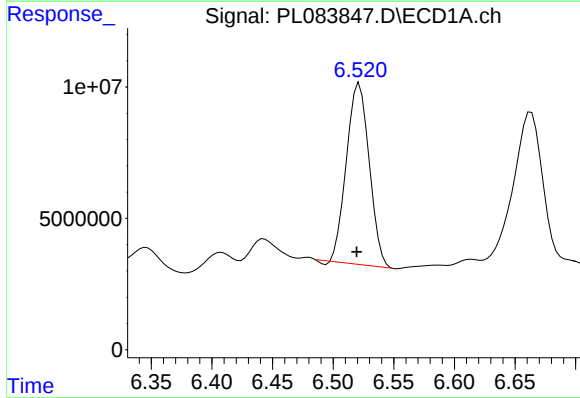
R.T.: 6.292 min  
Delta R.T.: 0.002 min  
Response: 108554880  
Conc: 45.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



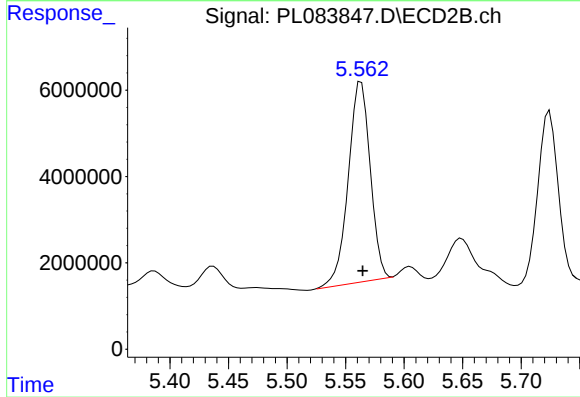
#13 Dieldrin

R.T.: 5.290 min  
Delta R.T.: 0.000 min  
Response: 80000109  
Conc: 61.43 ng/ml



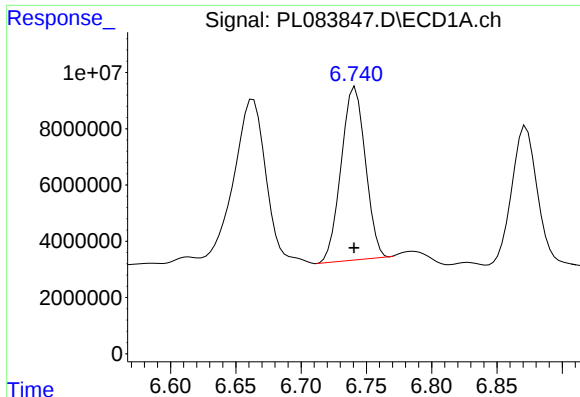
#14 Endrin

R.T.: 6.522 min  
Delta R.T.: 0.002 min  
Response: 89546330  
Conc: 47.02 ng/ml



#14 Endrin

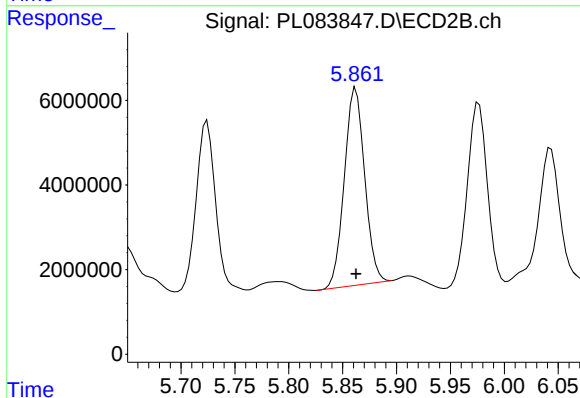
R.T.: 5.563 min  
Delta R.T.: -0.001 min  
Response: 60606001  
Conc: 55.13 ng/ml



#15 Endosulfan II

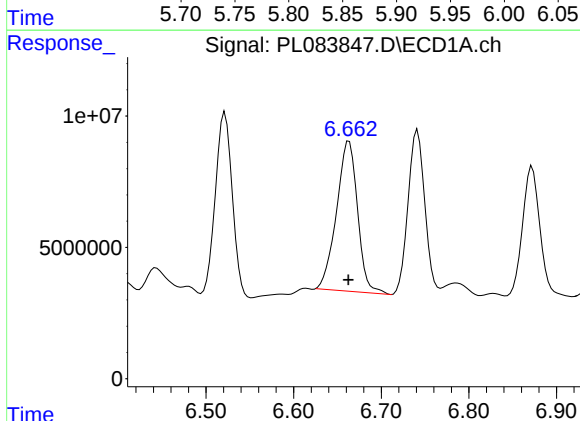
R.T.: 6.742 min  
Delta R.T.: 0.000 min  
Response: 79444904  
Conc: 42.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



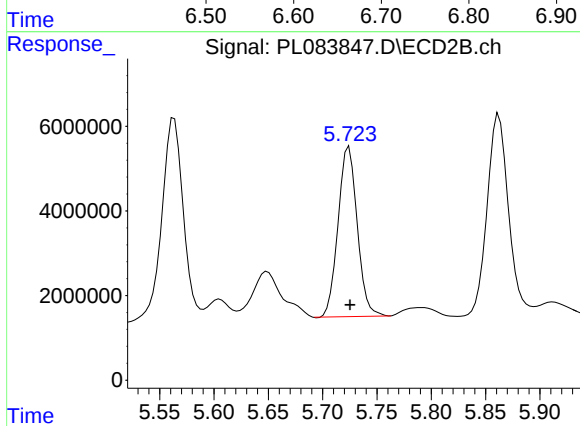
#15 Endosulfan II

R.T.: 5.862 min  
Delta R.T.: 0.000 min  
Response: 61219824  
Conc: 53.26 ng/ml



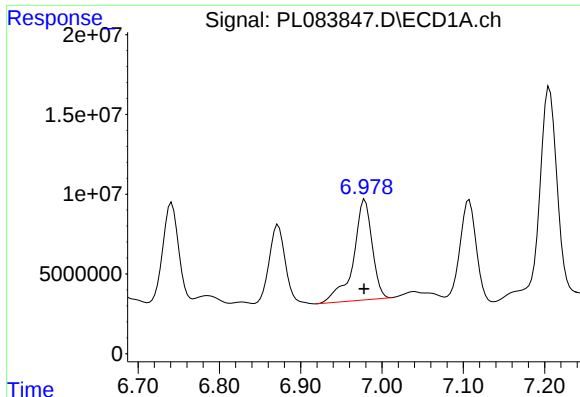
#16 4,4'-DDD

R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 95570685  
Conc: 65.08 ng/ml



#16 4,4'-DDD

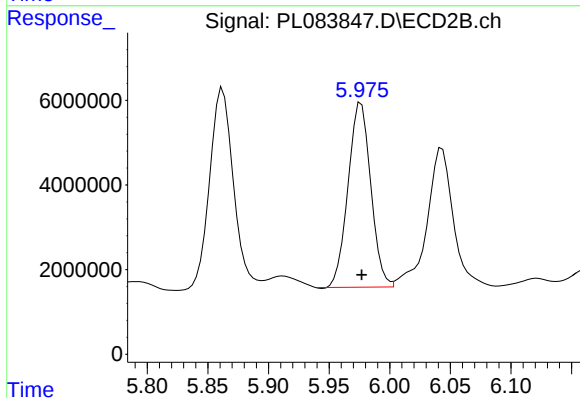
R.T.: 5.724 min  
Delta R.T.: 0.000 min  
Response: 49352120  
Conc: 51.44 ng/ml



#17 4,4'-DDT

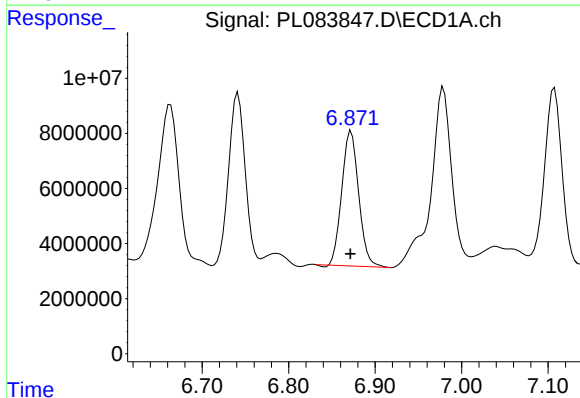
R.T.: 6.979 min  
Delta R.T.: 0.001 min  
Response: 100538207  
Conc: 63.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



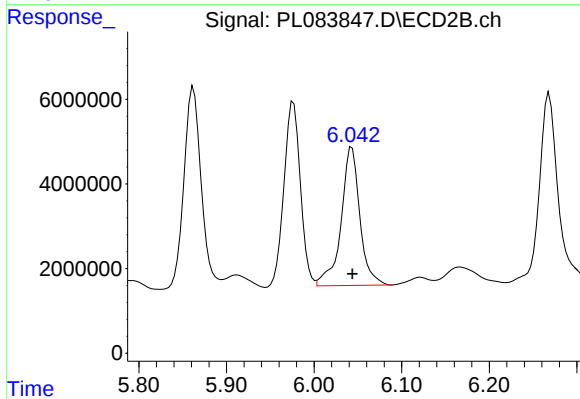
#17 4,4'-DDT

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 56777043  
Conc: 62.34 ng/ml



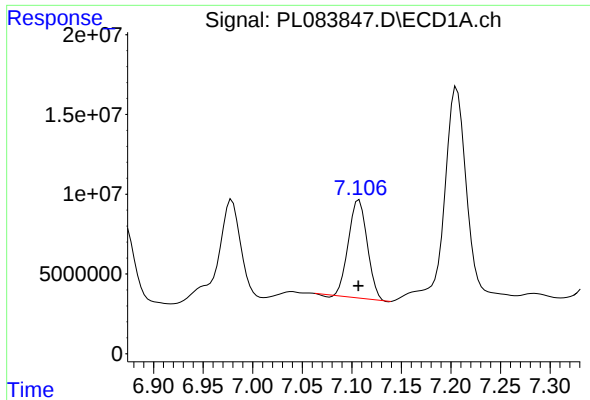
#18 Endrin aldehyde

R.T.: 6.872 min  
Delta R.T.: 0.000 min  
Response: 65956032  
Conc: 45.02 ng/ml



#18 Endrin aldehyde

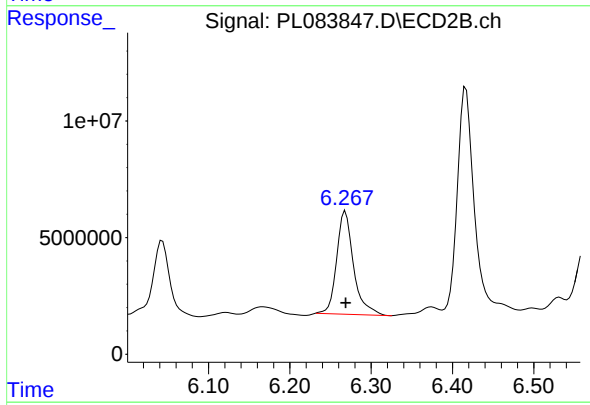
R.T.: 6.043 min  
Delta R.T.: 0.000 min  
Response: 48885492  
Conc: 54.38 ng/ml



#19 Endosulfan Sulfate

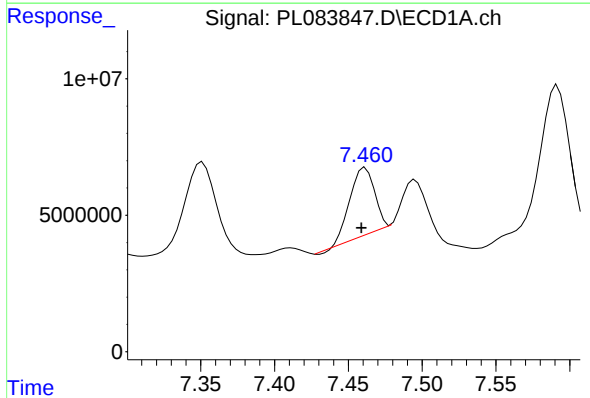
R.T.: 7.107 min  
Delta R.T.: 0.000 min  
Response: 80034742  
Conc: 46.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



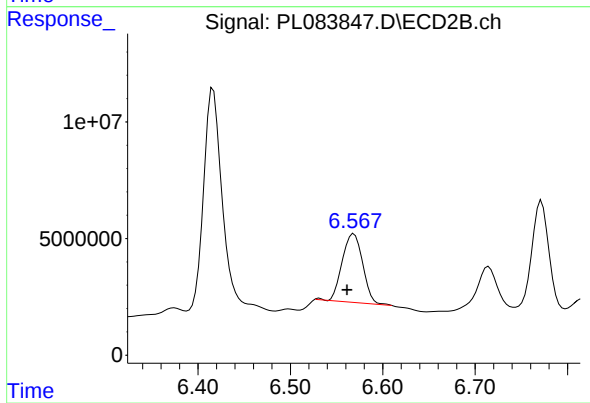
#19 Endosulfan Sulfate

R.T.: 6.268 min  
Delta R.T.: 0.000 min  
Response: 63578010  
Conc: 57.85 ng/ml



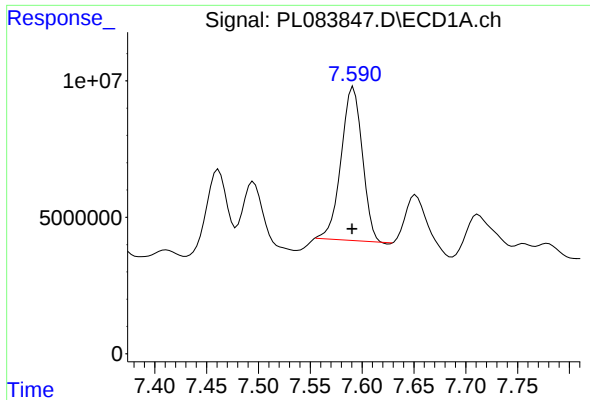
#20 Methoxychlor

R.T.: 7.461 min  
Delta R.T.: 0.003 min  
Response: 28081325  
Conc: 35.90 ng/ml



#20 Methoxychlor

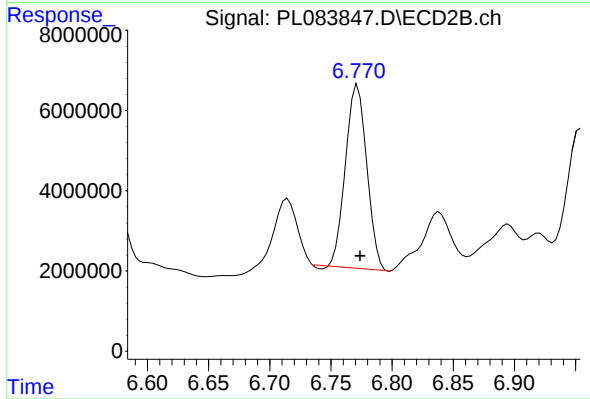
R.T.: 6.569 min  
Delta R.T.: 0.007 min  
Response: 45126238  
Conc: 94.16 ng/ml



#21 Endrin ketone

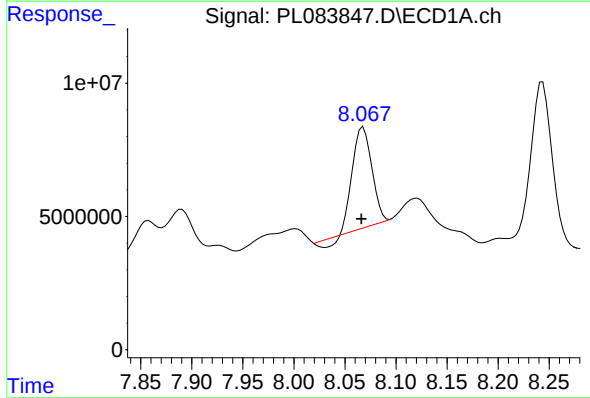
R.T.: 7.592 min  
Delta R.T.: 0.001 min  
Response: 79621244  
Conc: 45.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



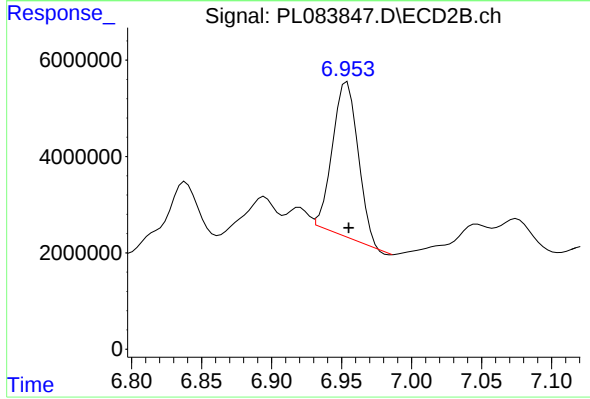
#21 Endrin ketone

R.T.: 6.772 min  
Delta R.T.: -0.002 min  
Response: 55178633  
Conc: 42.71 ng/ml



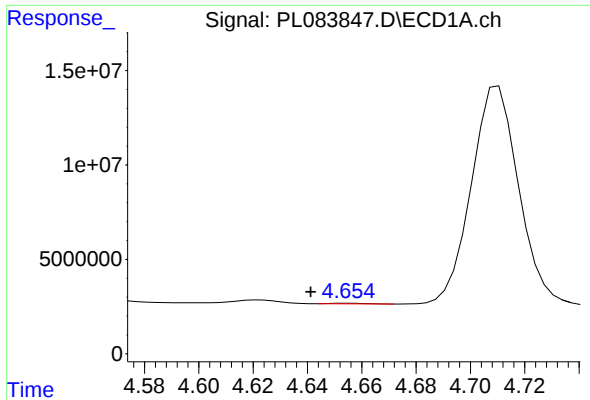
#22 Mirex

R.T.: 8.068 min  
Delta R.T.: 0.002 min  
Response: 47265055  
Conc: 33.03 ng/ml



#22 Mirex

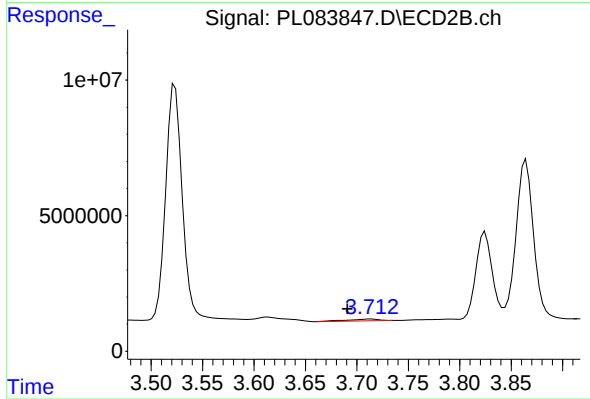
R.T.: 6.954 min  
Delta R.T.: -0.001 min  
Response: 41124308  
Conc: 40.29 ng/ml



#23 Chlordane-1

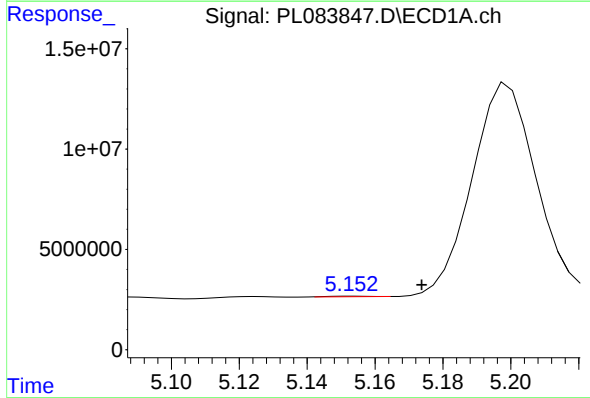
R.T.: 4.655 min  
Delta R.T.: 0.014 min  
Response: 215000  
Conc: 0.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



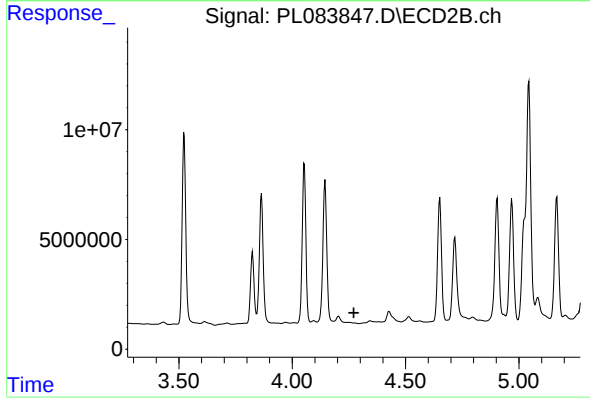
#23 Chlordane-1

R.T.: 3.713 min  
Delta R.T.: 0.023 min  
Response: 1364355  
Conc: 3.46 ng/ml



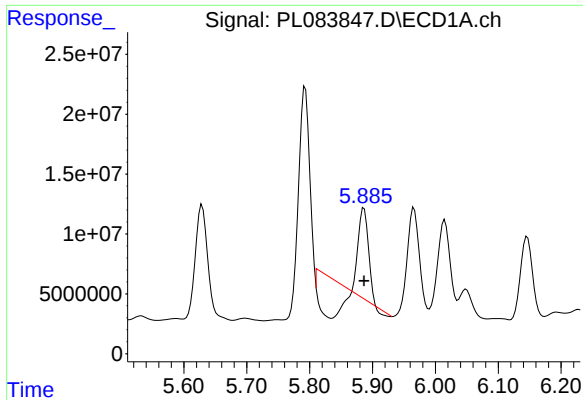
#24 Chlordane-2

R.T.: 5.154 min  
Delta R.T.: -0.020 min  
Response: 194792  
Conc: 0.24 ng/ml



#24 Chlordane-2

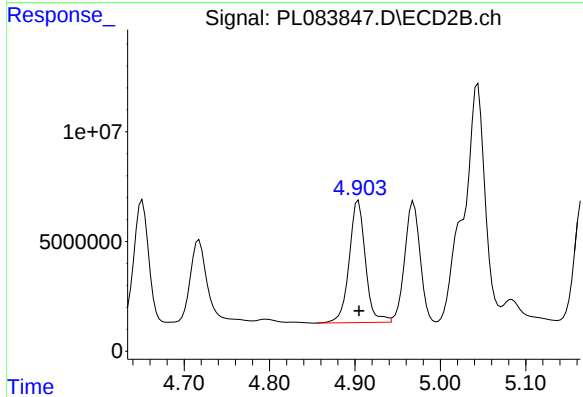
R.T.: 4.251 min  
Delta R.T.: -0.020 min  
Response: -175509  
Conc: N.D.



#25 Chlordane-3

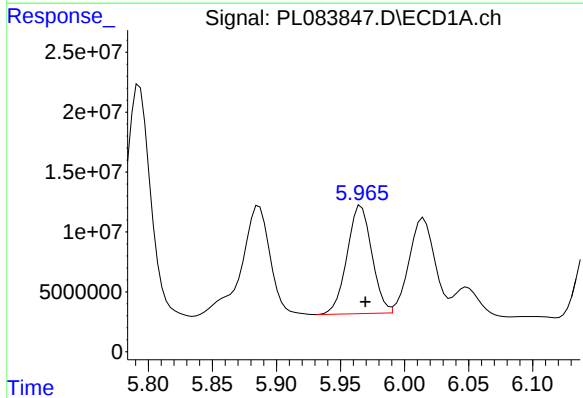
R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 25178231  
Conc: 7.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



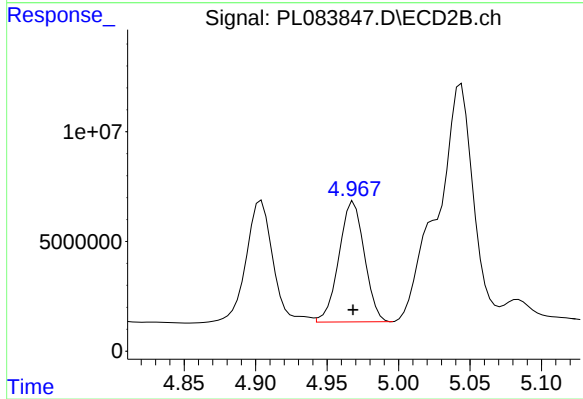
#25 Chlordane-3

R.T.: 4.904 min  
Delta R.T.: 0.000 min  
Response: 73412663  
Conc: 53.54 ng/ml



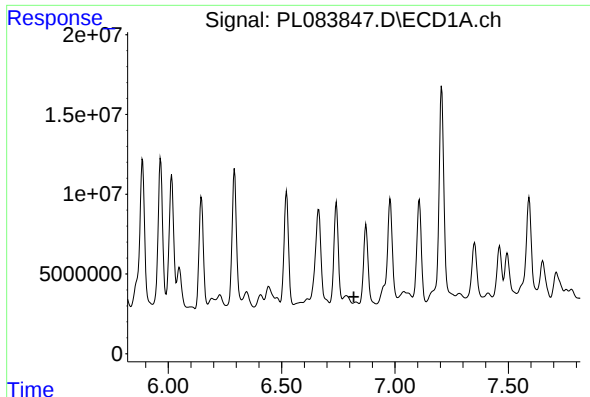
#26 Chlordane-4

R.T.: 5.966 min  
Delta R.T.: -0.003 min  
Response: 121276233  
Conc: 29.71 ng/ml



#26 Chlordane-4

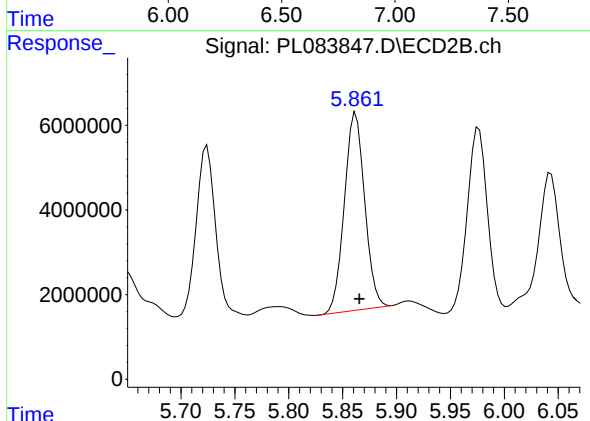
R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 68131515  
Conc: 47.56 ng/ml



#27 Chlordane-5

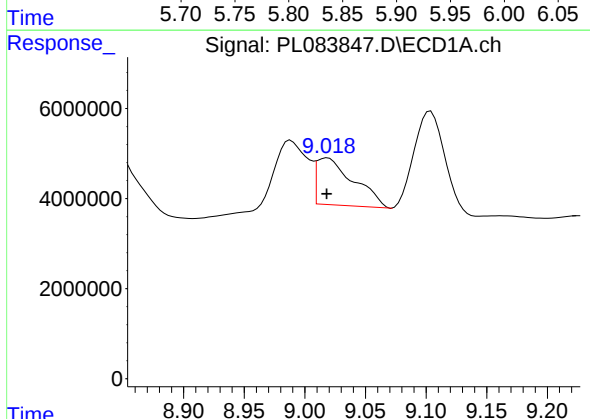
R.T.: 0.000 min  
Exp R.T.: 6.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



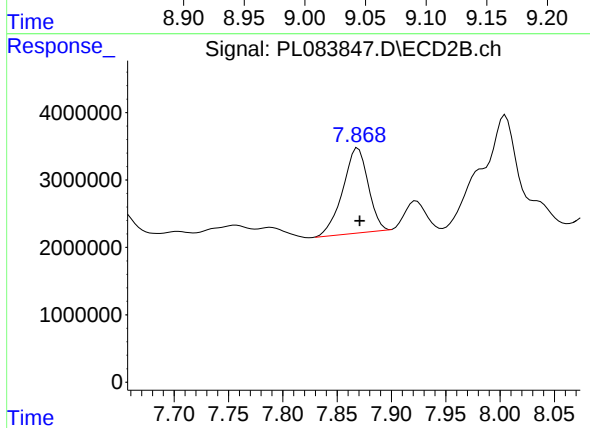
#27 Chlordane-5

R.T.: 5.862 min  
Delta R.T.: -0.003 min  
Response: 61219824  
Conc: 133.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.019 min  
Delta R.T.: 0.000 min  
Response: 22206004  
Conc: 17.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.869 min  
Delta R.T.: -0.002 min  
Response: 20498868  
Conc: 18.45 ng/ml