

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112923\  
 Data File : PL086869.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Nov 2023 06:07  
 Operator : AR\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ICVPL112923

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 29 06:23:50 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112923.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 29 05:56:00 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... | 3.343  | 2.611  | 165.4E6  | 47336815 | 51.732   | 52.048    |
| 28)                         | SA Decachlor... | 8.842  | 7.761  | 136.5E6  | 56632280 | 51.124   | 51.364    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.797  | 3.109  | 245.4E6  | 67743867 | 52.998   | 53.344    |
| 3)                          | MA gamma-BHC... | 4.128  | 3.436  | 230.0E6  | 64958365 | 52.572   | 53.164    |
| 4)                          | MA Heptachlor   | 4.715  | 3.771  | 207.5E6  | 61582058 | 52.284   | 52.741    |
| 5)                          | MB Aldrin       | 5.055  | 4.047  | 220.9E6  | 64496482 | 52.335   | 52.842    |
| 6)                          | B beta-BHC      | 4.333  | 3.738  | 93986767 | 27419447 | 50.243   | 51.824    |
| 7)                          | B delta-BHC     | 4.576  | 3.963  | 214.9E6  | 62020444 | 50.612   | 53.109    |
| 8)                          | B Heptachlo...  | 5.486  | 4.552  | 191.8E6  | 59685386 | 54.149   | 52.430    |
| 9)                          | A Endosulfan I  | 5.869  | 4.920  | 183.6E6  | 62448861 | 50.951   | 48.952    |
| 10)                         | B gamma-Chl...  | 5.743  | 4.804  | 195.3E6  | 59736595 | 51.948   | 52.113    |
| 11)                         | B alpha-Chl...  | 5.823  | 4.868  | 194.7E6  | 63097144 | 51.712   | 47.449    |
| 12)                         | B 4,4'-DDE      | 6.007  | 5.067  | 157.4E6  | 48700390 | 52.059   | 53.046    |
| 13)                         | MA Dieldrin     | 6.147  | 5.186  | 182.2E6  | 57134166 | 52.485   | 53.349    |
| 14)                         | MA Endrin       | 6.374  | 5.459  | 132.9E6  | 43992920 | 51.545   | 52.198    |
| 15)                         | B Endosulfa...  | 6.599  | 5.758  | 147.3E6  | 49247035 | 51.603   | 53.037    |
| 16)                         | A 4,4'-DDD      | 6.527  | 5.624  | 124.2E6  | 41369294 | 53.033   | 53.565    |
| 17)                         | MA 4,4'-DDT     | 6.841  | 5.874  | 130.0E6  | 43080467 | 50.663   | 53.419    |
| 18)                         | B Endrin al...  | 6.730  | 5.939  | 101.6E6  | 36964256 | 47.621   | 52.911    |
| 19)                         | B Endosulfa...  | 6.966  | 6.164  | 148.1E6  | 49943980 | 51.847   | 52.638    |
| 20)                         | A Methoxychlor  | 7.327  | 6.459  | 68864310 | 26984614 | 52.151   | 52.426    |
| 21)                         | B Endrin ke...  | 7.448  | 6.665  | 158.7E6  | 61125576 | 53.070   | 53.549    |
| 22)                         | Mirex           | 7.920  | 6.842  | 131.8E6  | 53715849 | 51.535   | 51.756    |
| 23)                         | Chlordane-1     | 0.000  | 3.611f | 0        | 240533   | N.D.     | 7.029 #   |
| 24)                         | Chlordane-2     | 5.055f | 4.189  | 220.9E6  | 53762    | 1565.599 | 1.309 #   |
| 25)                         | Chlordane-3     | 5.743  | 4.804  | 195.3E6  | 59736595 | 369.071  | 549.982 # |
| 26)                         | Chlordane-4     | 5.823  | 4.868  | 194.7E6  | 63097144 | 291.988  | 479.853 # |
| 27)                         | Chlordane-5     | 0.000  | 5.543  | 0        | 39811    | N.D.     | 1.281 #   |
| -----                       |                 |        |        |          |          |          |           |

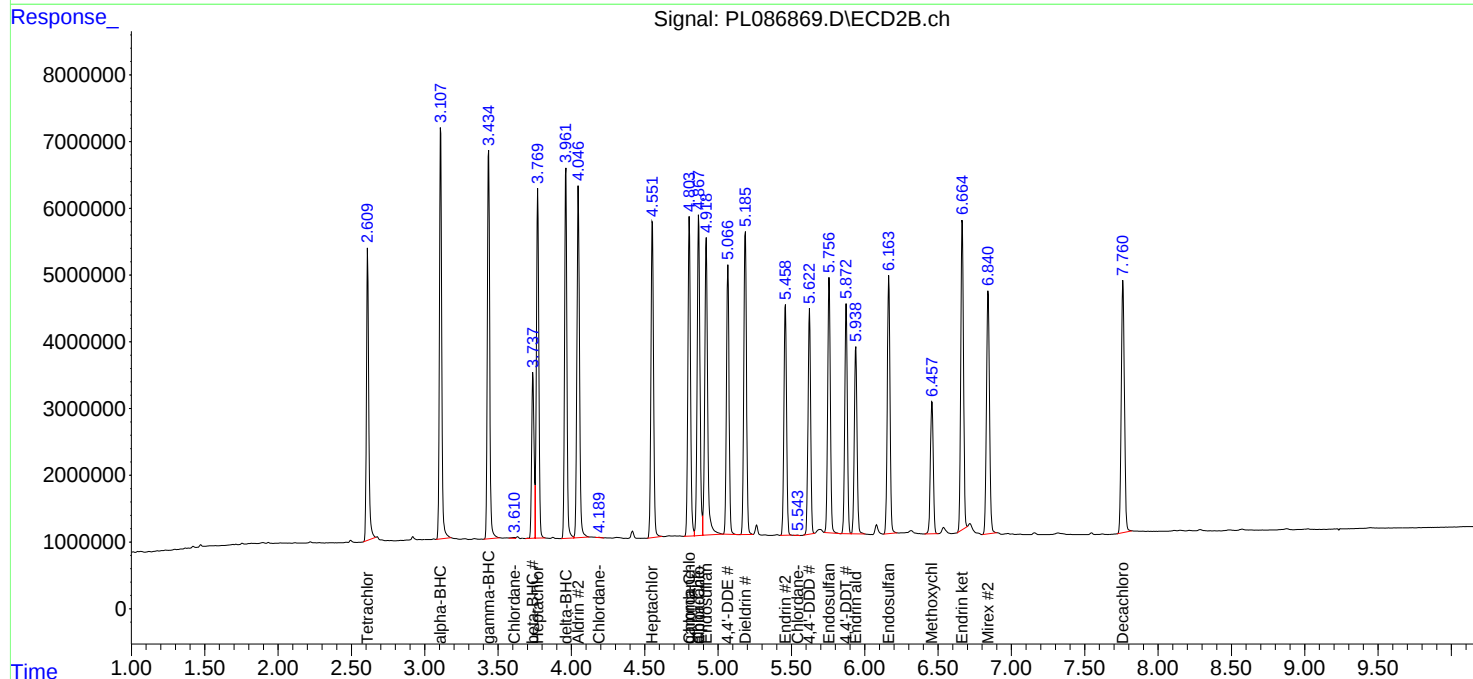
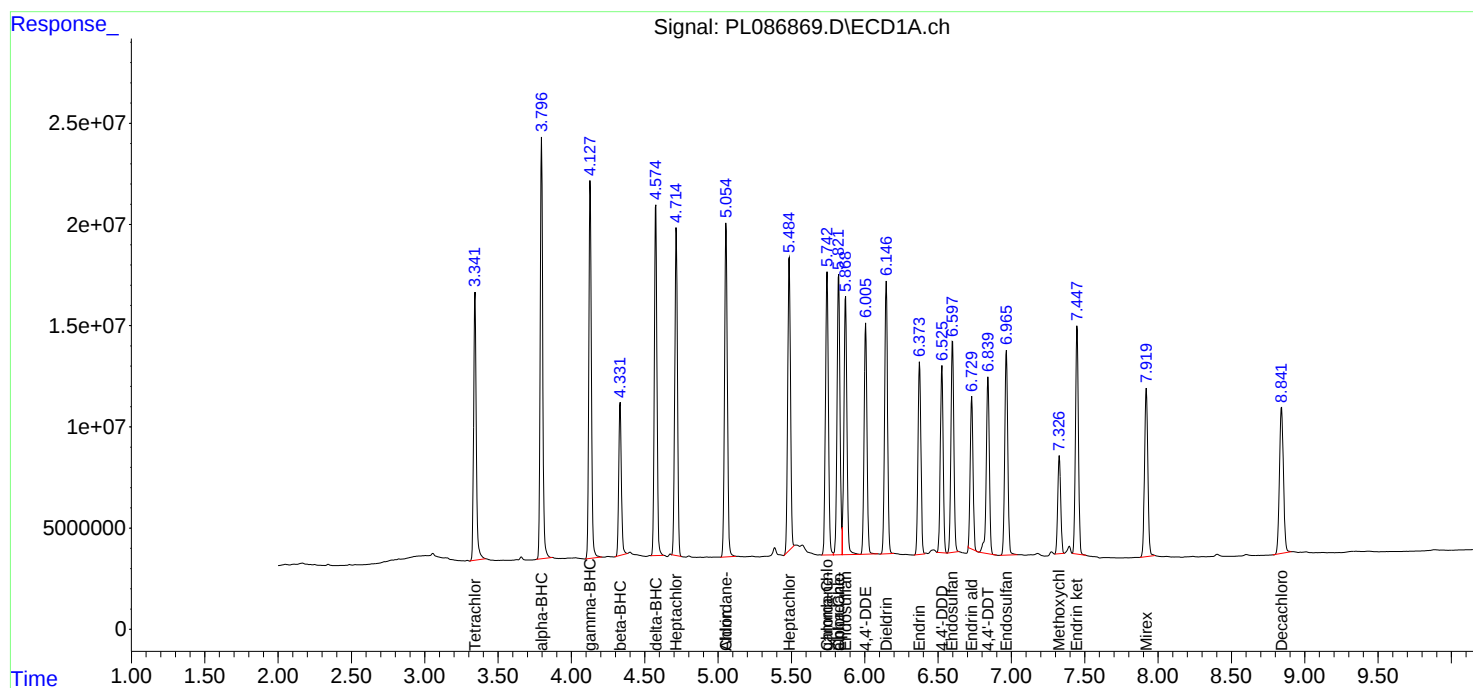
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

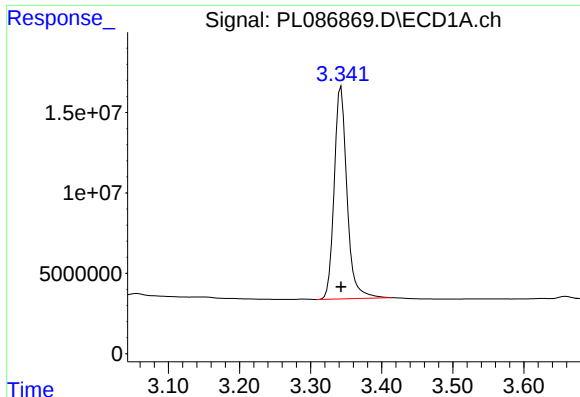
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112923\  
Data File : PL086869.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Nov 2023 06:07  
Operator : AR\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 29 06:23:50 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112923.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 29 05:56:00 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

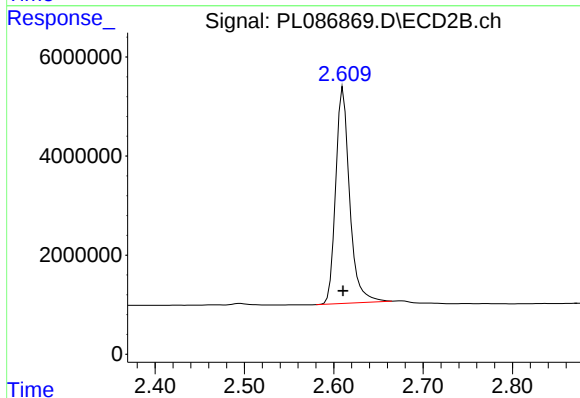




#1 Tetrachloro-m-xylene

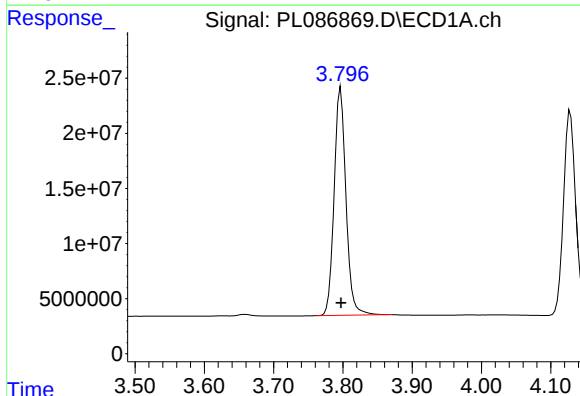
R.T.: 3.343 min  
Delta R.T.: 0.000 min  
Response: 165394189  
Conc: 51.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



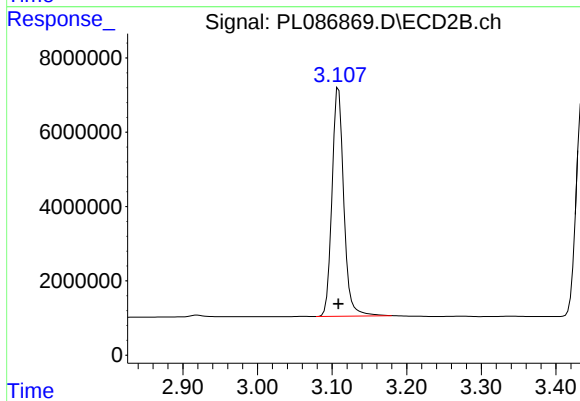
#1 Tetrachloro-m-xylene

R.T.: 2.611 min  
Delta R.T.: 0.000 min  
Response: 47336815  
Conc: 52.05 ng/ml



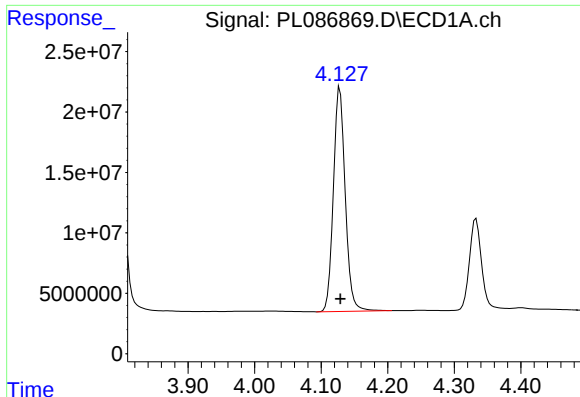
#2 alpha-BHC

R.T.: 3.797 min  
Delta R.T.: 0.000 min  
Response: 245385158  
Conc: 53.00 ng/ml



#2 alpha-BHC

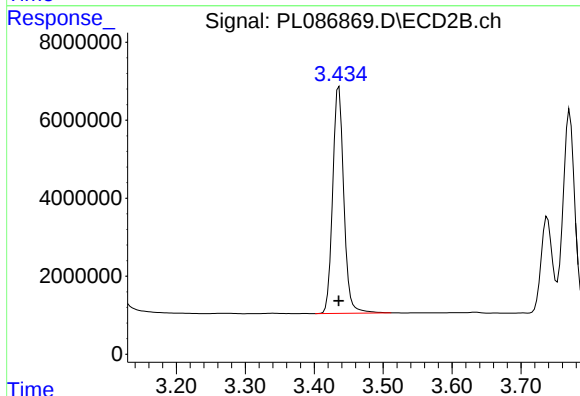
R.T.: 3.109 min  
Delta R.T.: 0.000 min  
Response: 67743867  
Conc: 53.34 ng/ml



#3 gamma-BHC (Lindane)

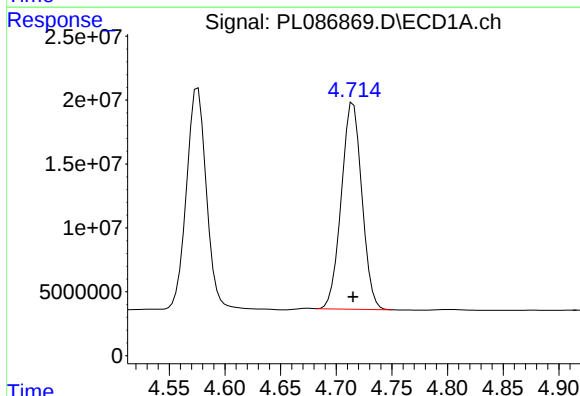
R.T.: 4.128 min  
Delta R.T.: 0.000 min  
Response: 229994646  
Conc: 52.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



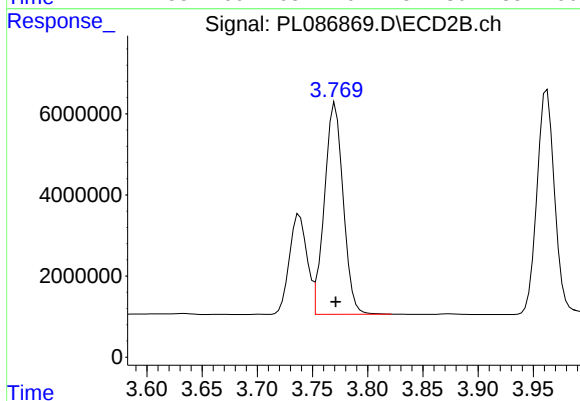
#3 gamma-BHC (Lindane)

R.T.: 3.436 min  
Delta R.T.: 0.000 min  
Response: 64958365  
Conc: 53.16 ng/ml



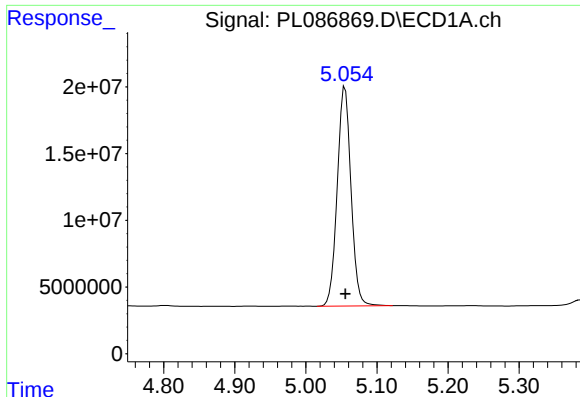
#4 Heptachlor

R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 207502248  
Conc: 52.28 ng/ml



#4 Heptachlor

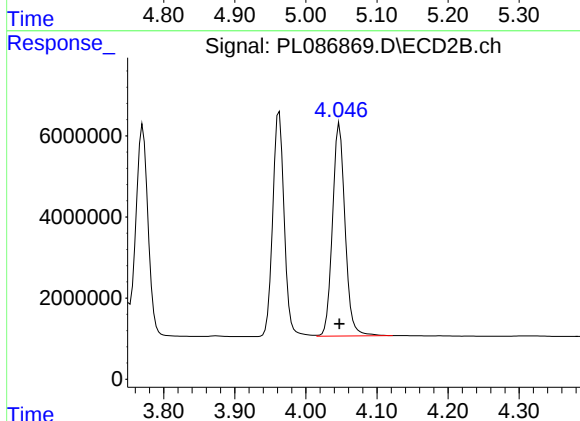
R.T.: 3.771 min  
Delta R.T.: 0.000 min  
Response: 61582058  
Conc: 52.74 ng/ml



#5 Aldrin

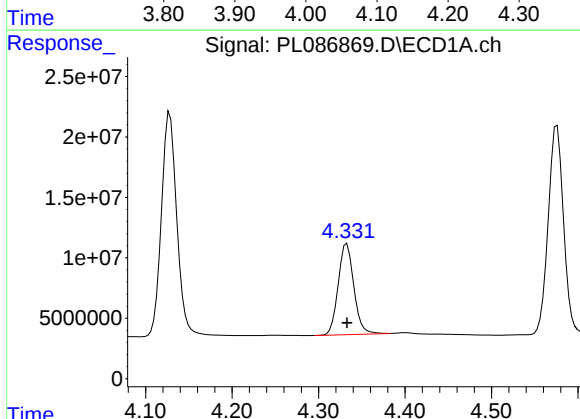
R.T.: 5.055 min  
Delta R.T.: 0.000 min  
Response: 220861709  
Conc: 52.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



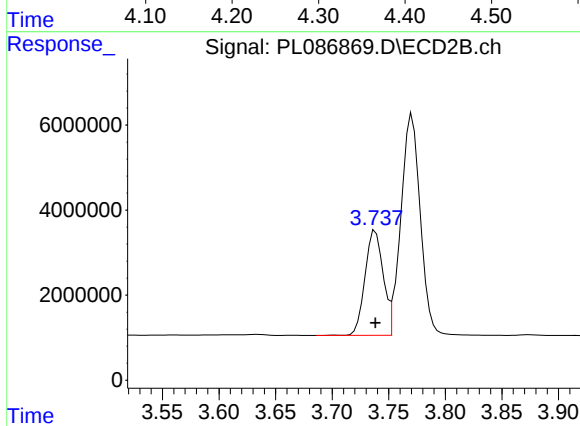
#5 Aldrin

R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 64496482  
Conc: 52.84 ng/ml



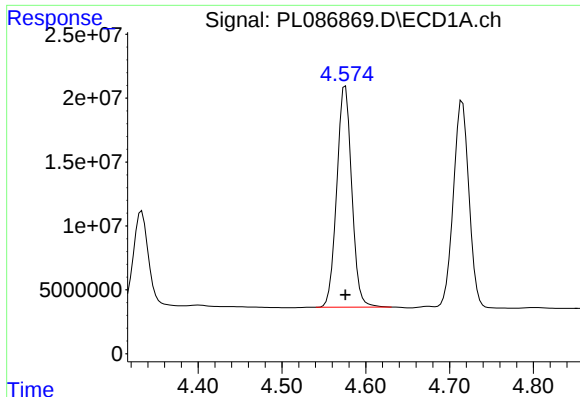
#6 beta-BHC

R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 93986767  
Conc: 50.24 ng/ml



#6 beta-BHC

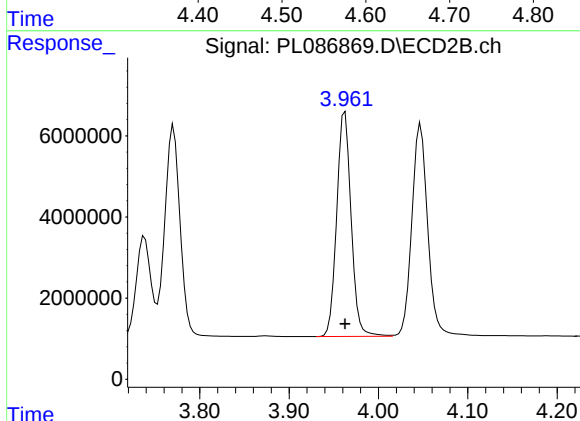
R.T.: 3.738 min  
Delta R.T.: 0.000 min  
Response: 27419447  
Conc: 51.82 ng/ml



#7 delta-BHC

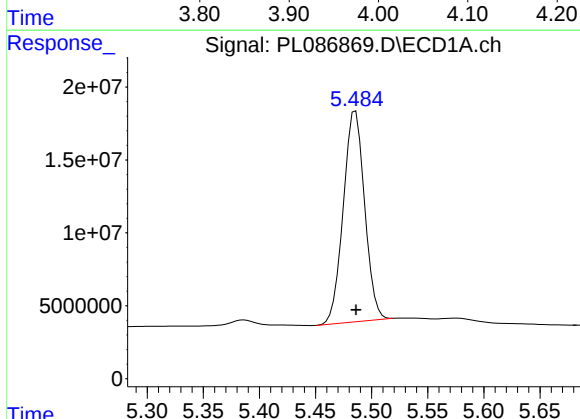
R.T.: 4.576 min  
Delta R.T.: 0.000 min  
Response: 214858326  
Conc: 50.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



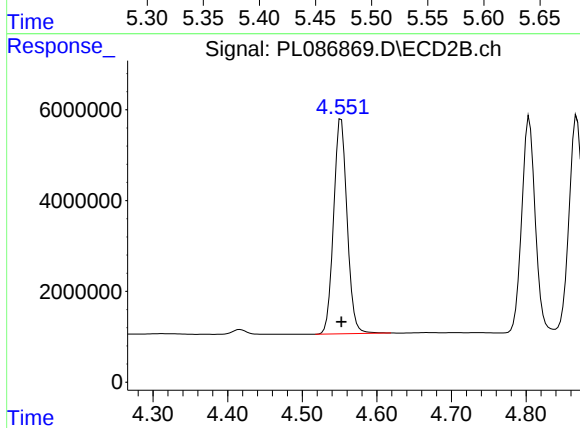
#7 delta-BHC

R.T.: 3.963 min  
Delta R.T.: 0.000 min  
Response: 62020444  
Conc: 53.11 ng/ml



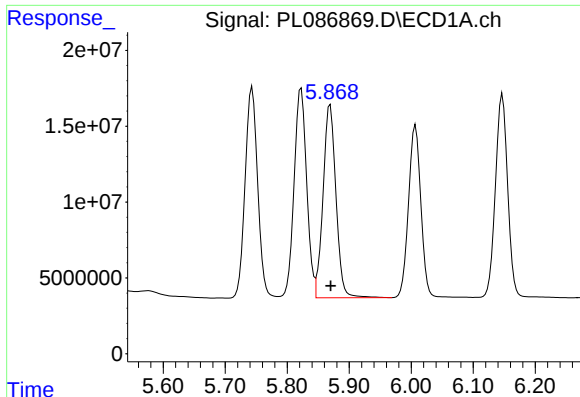
#8 Heptachlor epoxide

R.T.: 5.486 min  
Delta R.T.: 0.000 min  
Response: 191812957  
Conc: 54.15 ng/ml



#8 Heptachlor epoxide

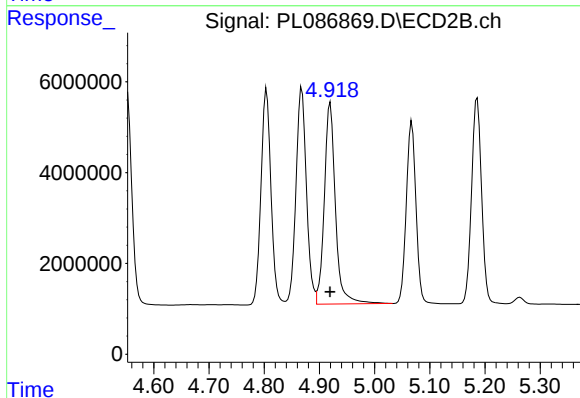
R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 59685386  
Conc: 52.43 ng/ml



#9 Endosulfan I

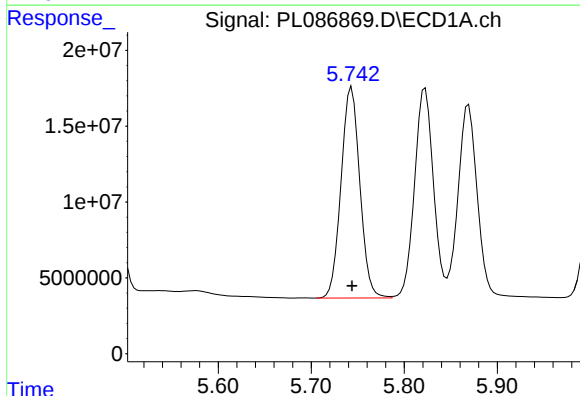
R.T.: 5.869 min  
Delta R.T.: 0.000 min  
Response: 183567621  
Conc: 50.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



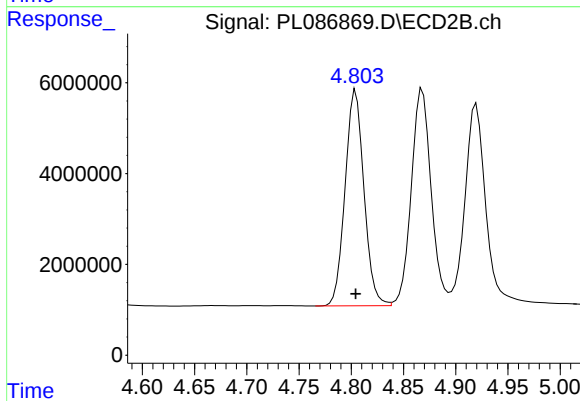
#9 Endosulfan I

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 62448861  
Conc: 48.95 ng/ml



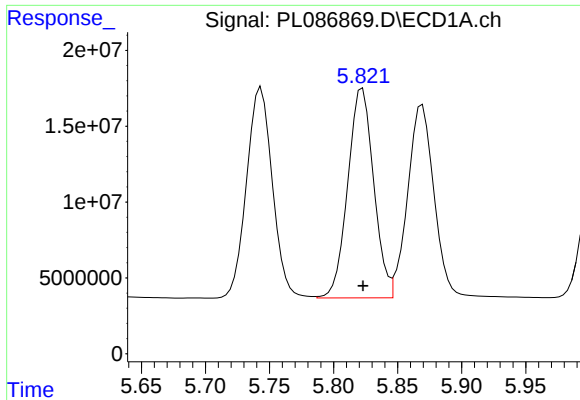
#10 gamma-Chlordane

R.T.: 5.743 min  
Delta R.T.: 0.000 min  
Response: 195319374  
Conc: 51.95 ng/ml



#10 gamma-Chlordane

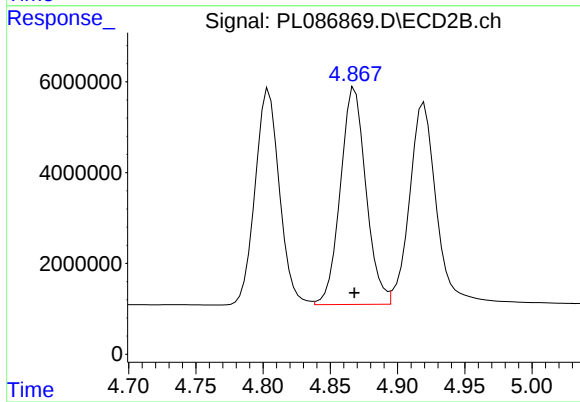
R.T.: 4.804 min  
Delta R.T.: 0.000 min  
Response: 59736595  
Conc: 52.11 ng/ml



#11 alpha-Chlordane

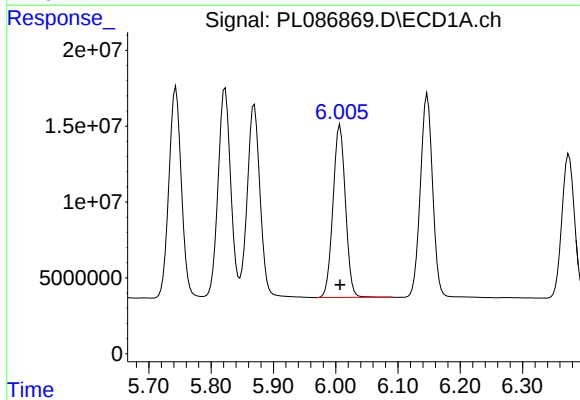
R.T.: 5.823 min  
Delta R.T.: 0.000 min  
Response: 194672411  
Conc: 51.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



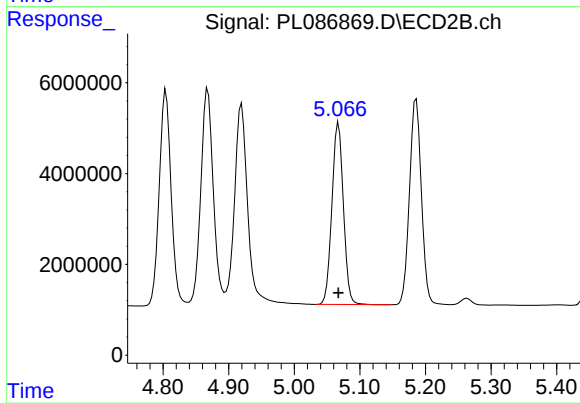
#11 alpha-Chlordane

R.T.: 4.868 min  
Delta R.T.: 0.000 min  
Response: 63097144  
Conc: 47.45 ng/ml



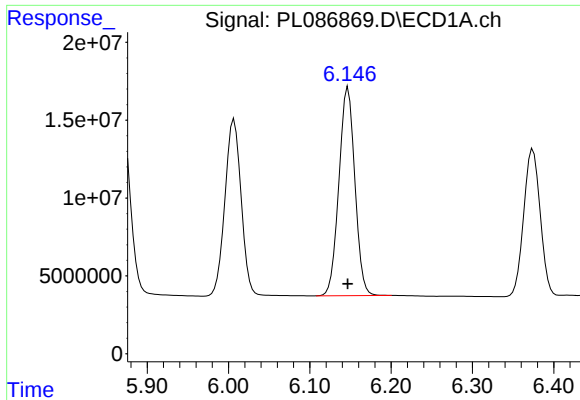
#12 4,4'-DDE

R.T.: 6.007 min  
Delta R.T.: 0.000 min  
Response: 157393921  
Conc: 52.06 ng/ml



#12 4,4'-DDE

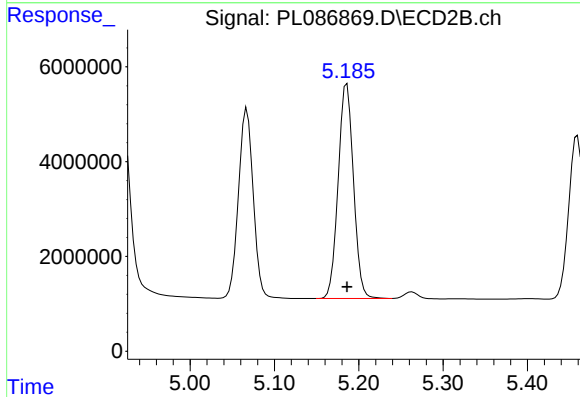
R.T.: 5.067 min  
Delta R.T.: 0.000 min  
Response: 48700390  
Conc: 53.05 ng/ml



#13 Dieldrin

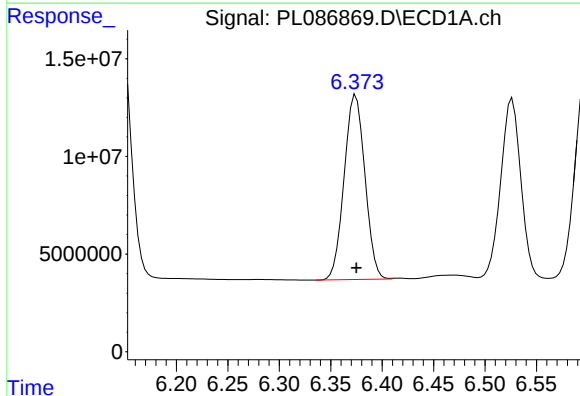
R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 182209004  
Conc: 52.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



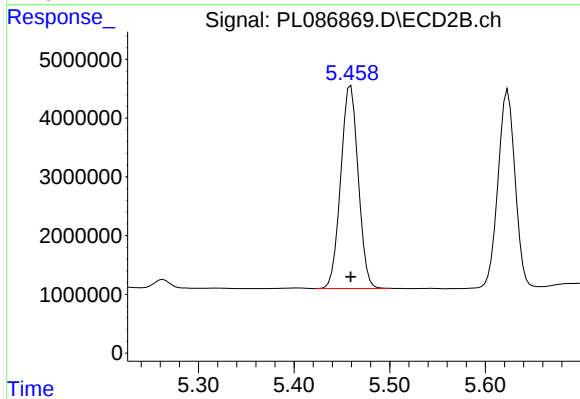
#13 Dieldrin

R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 57134166  
Conc: 53.35 ng/ml



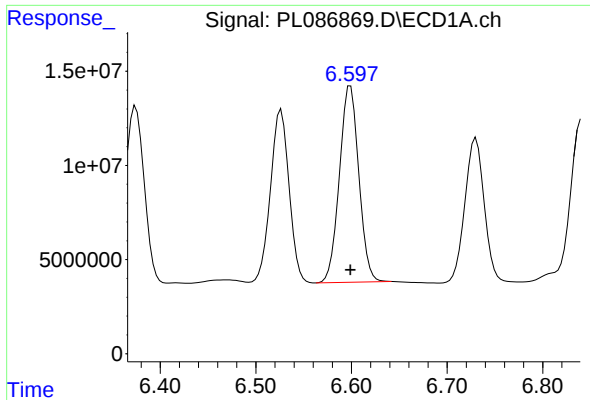
#14 Endrin

R.T.: 6.374 min  
Delta R.T.: 0.000 min  
Response: 132866533  
Conc: 51.55 ng/ml



#14 Endrin

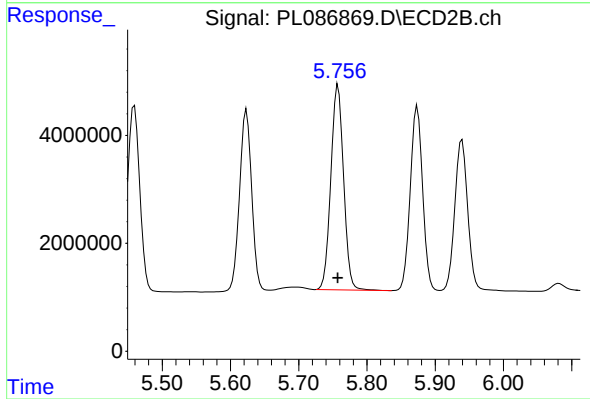
R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 43992920  
Conc: 52.20 ng/ml



#15 Endosulfan II

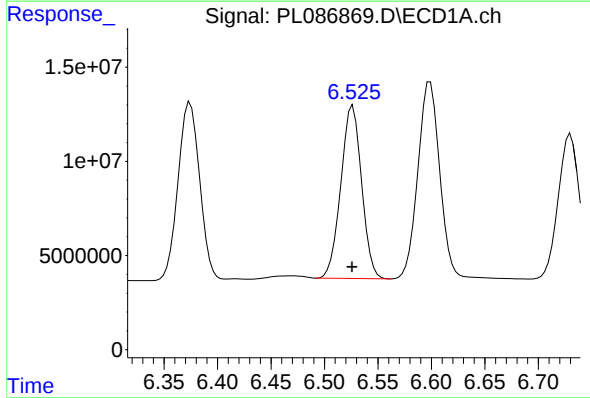
R.T.: 6.599 min  
Delta R.T.: 0.000 min  
Response: 147254646  
Conc: 51.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



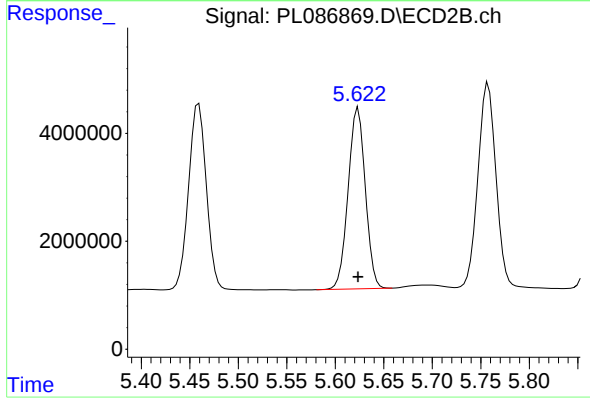
#15 Endosulfan II

R.T.: 5.758 min  
Delta R.T.: 0.000 min  
Response: 49247035  
Conc: 53.04 ng/ml



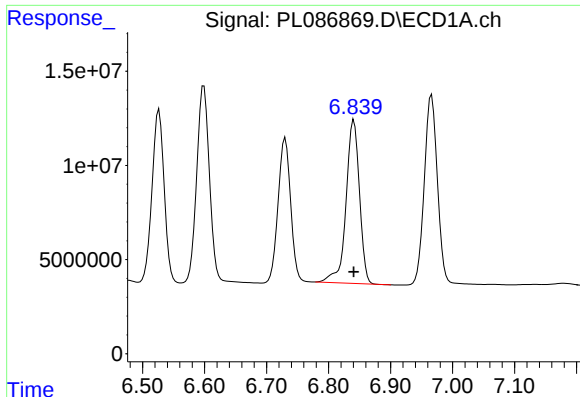
#16 4,4'-DDD

R.T.: 6.527 min  
Delta R.T.: 0.000 min  
Response: 124180253  
Conc: 53.03 ng/ml



#16 4,4'-DDD

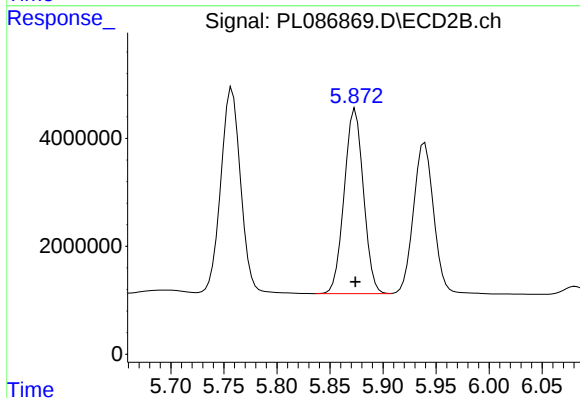
R.T.: 5.624 min  
Delta R.T.: 0.000 min  
Response: 41369294  
Conc: 53.56 ng/ml



#17 4,4'-DDT

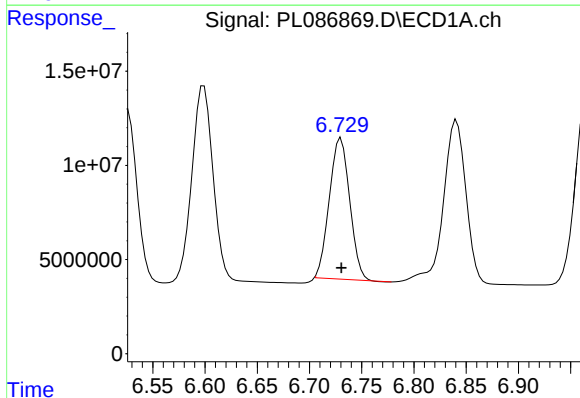
R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 130034905  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



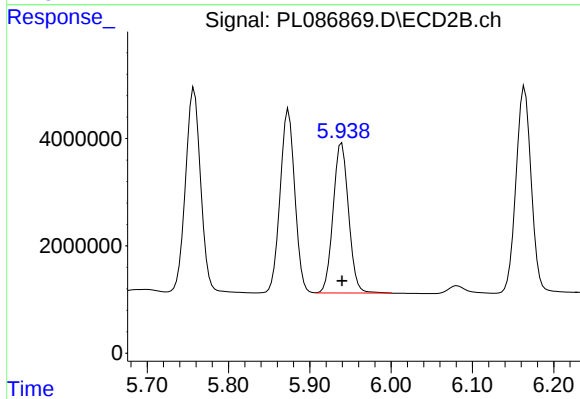
#17 4,4'-DDT

R.T.: 5.874 min  
Delta R.T.: 0.000 min  
Response: 43080467  
Conc: 53.42 ng/ml



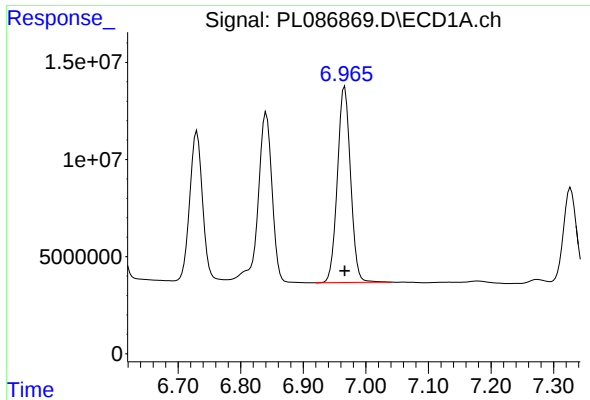
#18 Endrin aldehyde

R.T.: 6.730 min  
Delta R.T.: 0.000 min  
Response: 101584905  
Conc: 47.62 ng/ml



#18 Endrin aldehyde

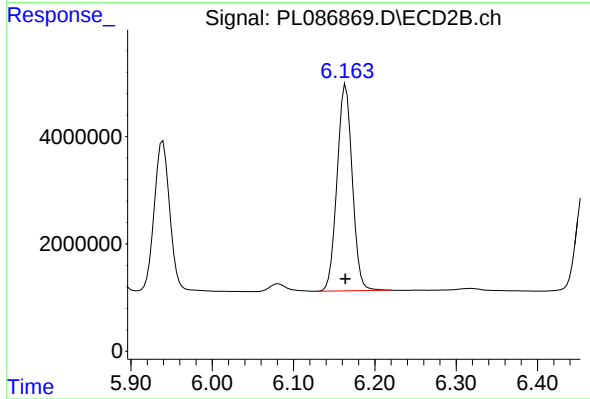
R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 36964256  
Conc: 52.91 ng/ml



#19 Endosulfan Sulfate

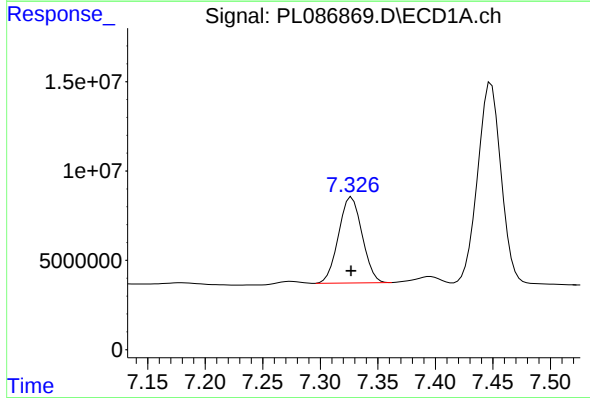
R.T.: 6.966 min  
Delta R.T.: 0.000 min  
Response: 148060110  
Conc: 51.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



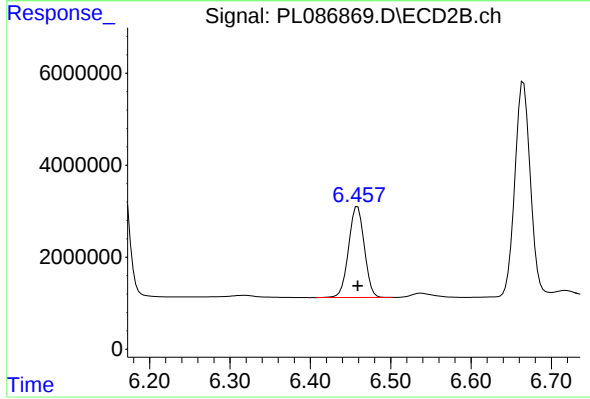
#19 Endosulfan Sulfate

R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 49943980  
Conc: 52.64 ng/ml



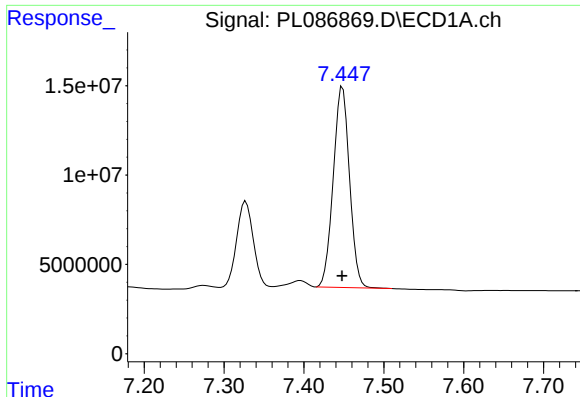
#20 Methoxychlor

R.T.: 7.327 min  
Delta R.T.: 0.000 min  
Response: 68864310  
Conc: 52.15 ng/ml



#20 Methoxychlor

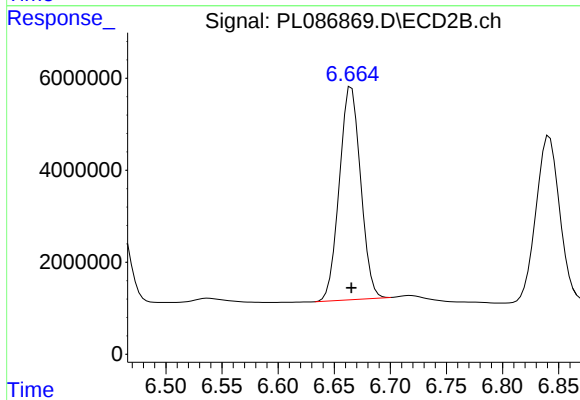
R.T.: 6.459 min  
Delta R.T.: 0.000 min  
Response: 26984614  
Conc: 52.43 ng/ml



#21 Endrin ketone

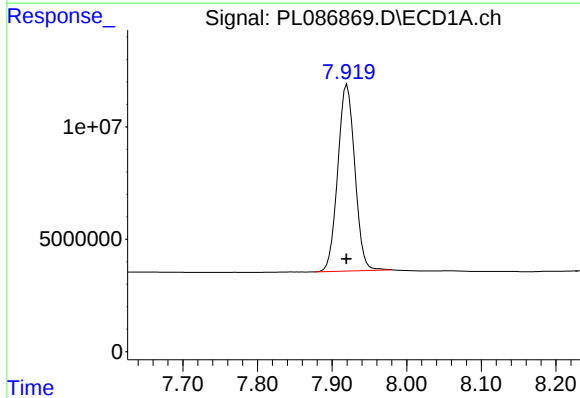
R.T.: 7.448 min  
Delta R.T.: 0.000 min  
Response: 158661007  
Conc: 53.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



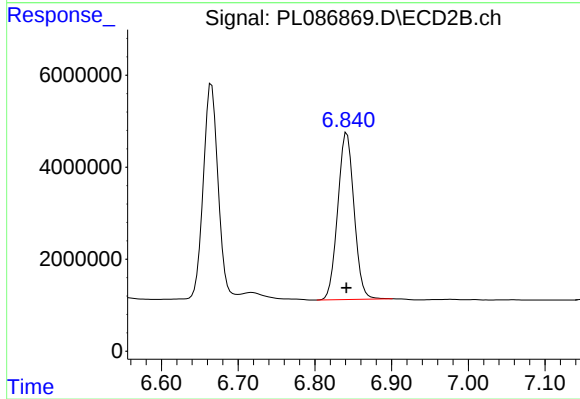
#21 Endrin ketone

R.T.: 6.665 min  
Delta R.T.: 0.000 min  
Response: 61125576  
Conc: 53.55 ng/ml



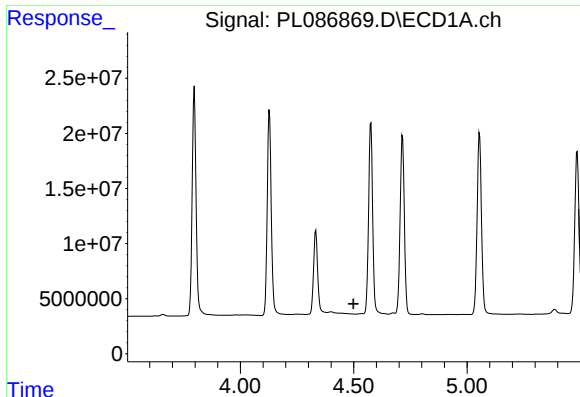
#22 Mirex

R.T.: 7.920 min  
Delta R.T.: 0.000 min  
Response: 131810981  
Conc: 51.53 ng/ml



#22 Mirex

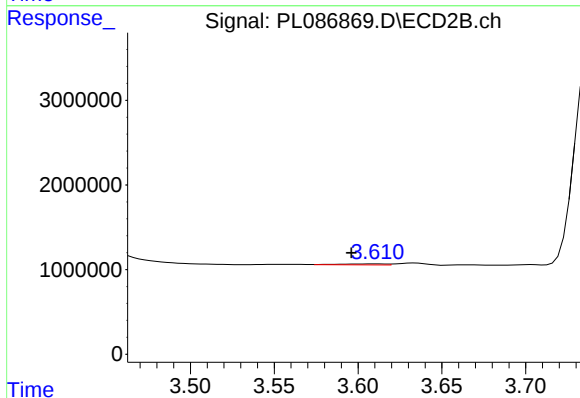
R.T.: 6.842 min  
Delta R.T.: 0.000 min  
Response: 53715849  
Conc: 51.76 ng/ml



#23 Chlordane-1

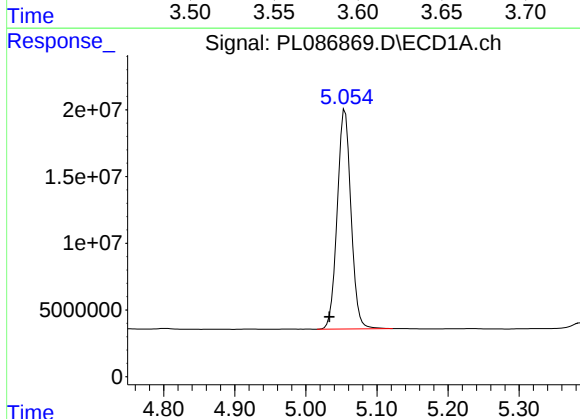
R.T.: 0.000 min  
Exp R.T.: 4.499 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



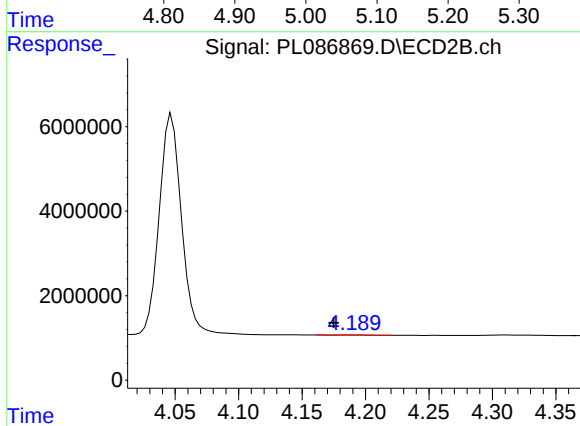
#23 Chlordane-1

R.T.: 3.611 min  
Delta R.T.: 0.015 min  
Response: 240533  
Conc: 7.03 ng/ml



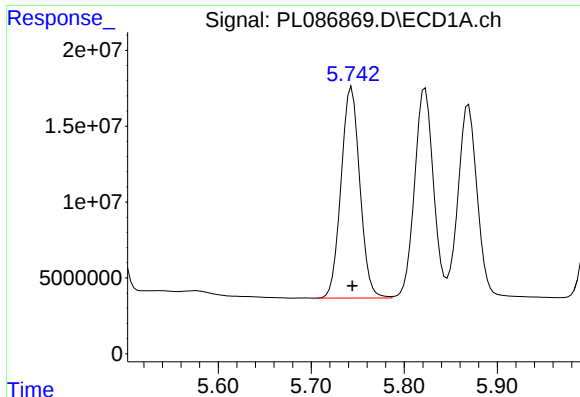
#24 Chlordane-2

R.T.: 5.055 min  
Delta R.T.: 0.022 min  
Response: 220861709  
Conc: 1565.60 ng/ml



#24 Chlordane-2

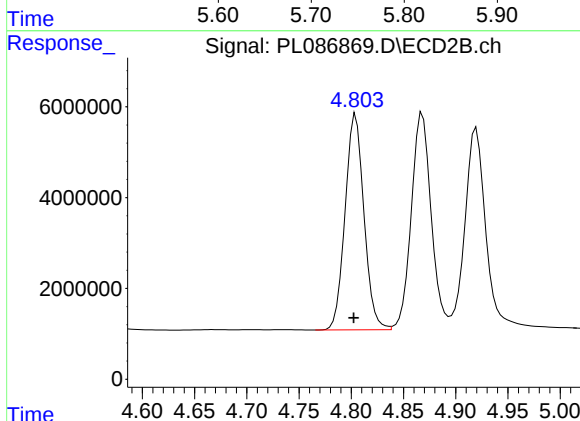
R.T.: 4.189 min  
Delta R.T.: 0.014 min  
Response: 53762  
Conc: 1.31 ng/ml



#25 Chlordane-3

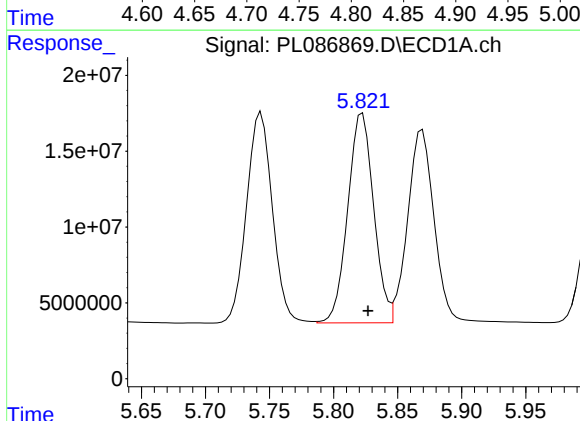
R.T.: 5.743 min  
Delta R.T.: 0.000 min  
Response: 195319374  
Conc: 369.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



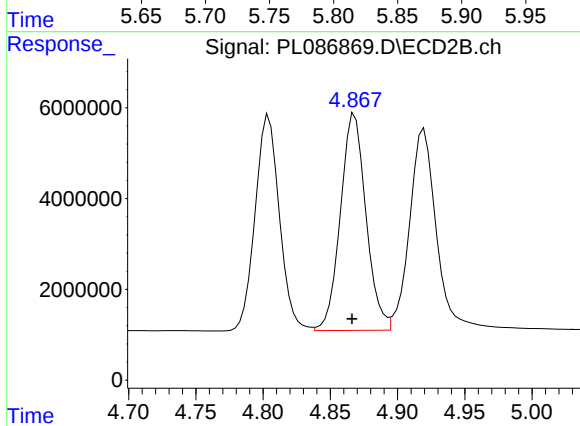
#25 Chlordane-3

R.T.: 4.804 min  
Delta R.T.: 0.002 min  
Response: 59736595  
Conc: 549.98 ng/ml



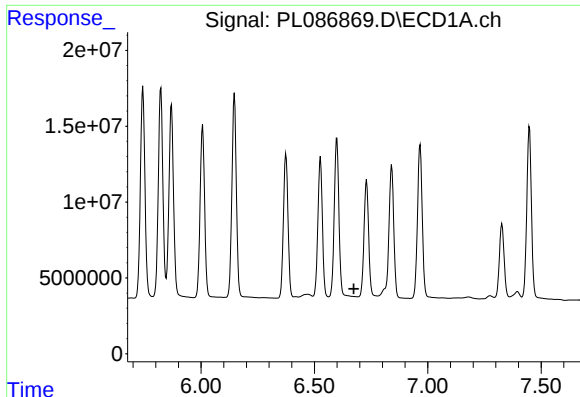
#26 Chlordane-4

R.T.: 5.823 min  
Delta R.T.: -0.004 min  
Response: 194672411  
Conc: 291.99 ng/ml



#26 Chlordane-4

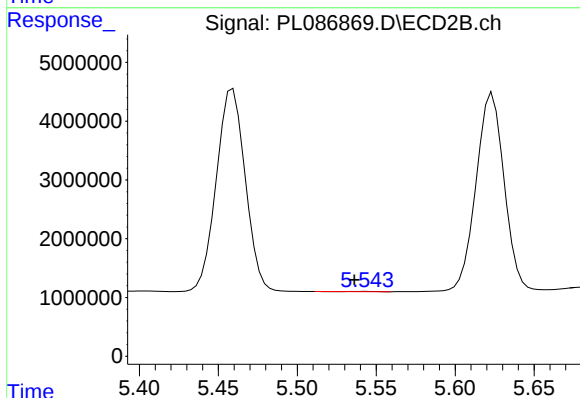
R.T.: 4.868 min  
Delta R.T.: 0.002 min  
Response: 63097144  
Conc: 479.85 ng/ml



#27 Chlordane-5

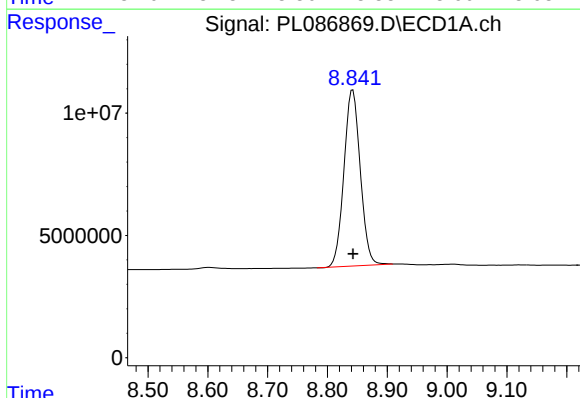
R.T.: 0.000 min  
Exp R.T.: 6.674 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL112923



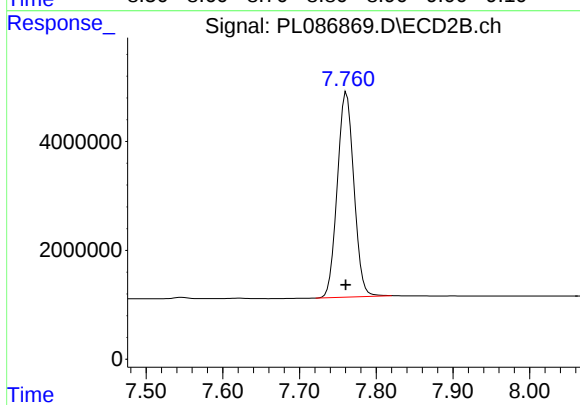
#27 Chlordane-5

R.T.: 5.543 min  
Delta R.T.: 0.007 min  
Response: 39811  
Conc: 1.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.842 min  
Delta R.T.: 0.000 min  
Response: 136481590  
Conc: 51.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.761 min  
Delta R.T.: 0.000 min  
Response: 56632280  
Conc: 51.36 ng/ml