Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050323\
Data File : PL082448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 May 2023 08:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 12:38:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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... | 3.325 | 2.647 | 49992235 | 41581757 | 18.715 | 17.948 | |
| 28) | SA Decachlor... | 8.748 | 7.759 | 36742811 | 39818289 | 19.246 | 17.445 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 3.773 | 3.144 | 34861156 | 26902755 | 8.759 | 7.904 | |
| 3) | MA gamma-BHC... | 4.102 | 3.471 | 34534275 | 25891889 | 9.236 | 8.053 | |
| 4) | MA Heptachlor | 4.680 | 0.000 | 34432 | 0 | 0.009 | N.D. | # |
| 5) | MB Aldrin | 0.000 | 4.101f | 0 | 1049878 | N.D. | 0.333 | # |
| 6) | B beta-BHC | 4.306 | 3.771 | 17265460 | 13735277 | 10.123 | 10.067 | |
| 7) | B delta-BHC | 4.526f | 3.993 | 911723 | 268420 | 0.253 | 0.088 | # |
| 8) | B Heptachlo... | 5.446 | 0.000 | 320990 | 0 | 0.105 | N.D. | # |
| 9) | A Endosulfan I | 5.817 | 4.950 | 50620 | 289688 | 0.018 | 0.109 | # |
| 10) | B gamma-Chl... | 5.678f | 4.840 | 1438912 | 1074525 | 0.479 | 0.370 | |
| 11) | B alpha-Chl... | 5.784 | 4.888 | 176886 | 159957 | 0.059 | 0.055 | |
| 12) | B 4,4'-DDE | 5.955 | 5.085 | 288235 | 378351 | 0.113 | 0.165 | # |
| 13) | MA Dieldrin | 0.000 | 5.213 | 0 | 46187 | N.D. | 0.017 | # |
| 14) | MA Endrin | 6.327 | 5.488 | 97378553 | 90953079 | 40.163 | 37.185 | |
| 15) | B Endosulfa... | 6.539 | 5.803f | 906396 | 841220 | 0.372 | 0.373 | |
| 16) | A 4,4'-DDD | 6.472 | 5.639 | 6614011 | 5524038 | 3.263 | 2.953 | |
| 17) | MA 4,4'-DDT | 6.783 | 5.888 | 190.9E6 | 177.9E6 | 83.427 | 84.207 | |
| 18) | B Endrin al... | 6.680 | 5.965 | 3725522 | 4887604 | 1.977 | 2.612 | # |
| 19) | B Endosulfa... | 6.891f | 6.177 | 560264 | 463543 | 0.236 | 0.197 | |
| 20) | A Methoxychlor | 7.265 | 6.468 | 249.9E6 | 238.3E6 | 204.753 | 196.655 | |
| 21) | B Endrin ke... | 7.394 | 6.692 | 7013914 | 8777956 | 2.929 | 3.458 | |
| 22) | Mirex | 7.867 | 0.000 | 94713 | 0 | 0.048 | N.D. | # |
| 23) | Chlordane-1 | 0.000 | 3.609f | 0 | 121508 | N.D. | 1.370 | # |
| 24) | Chlordane-2 | 0.000 | 4.218 | 0 | 751251 | N.D. | 6.699 | # |
| 25) | Chlordane-3 | 5.678f | 4.840 | 1438912 | 1074525 | 3.333 | 3.782 | |
| 26) | Chlordane-4 | 5.784 | 4.888 | 176886 | 159957 | 0.340 | 0.536 | # |
| 27) | Chlordane-5 | 0.000 | 5.803f | 0 | 841220 | N.D. | 8.522 | # |

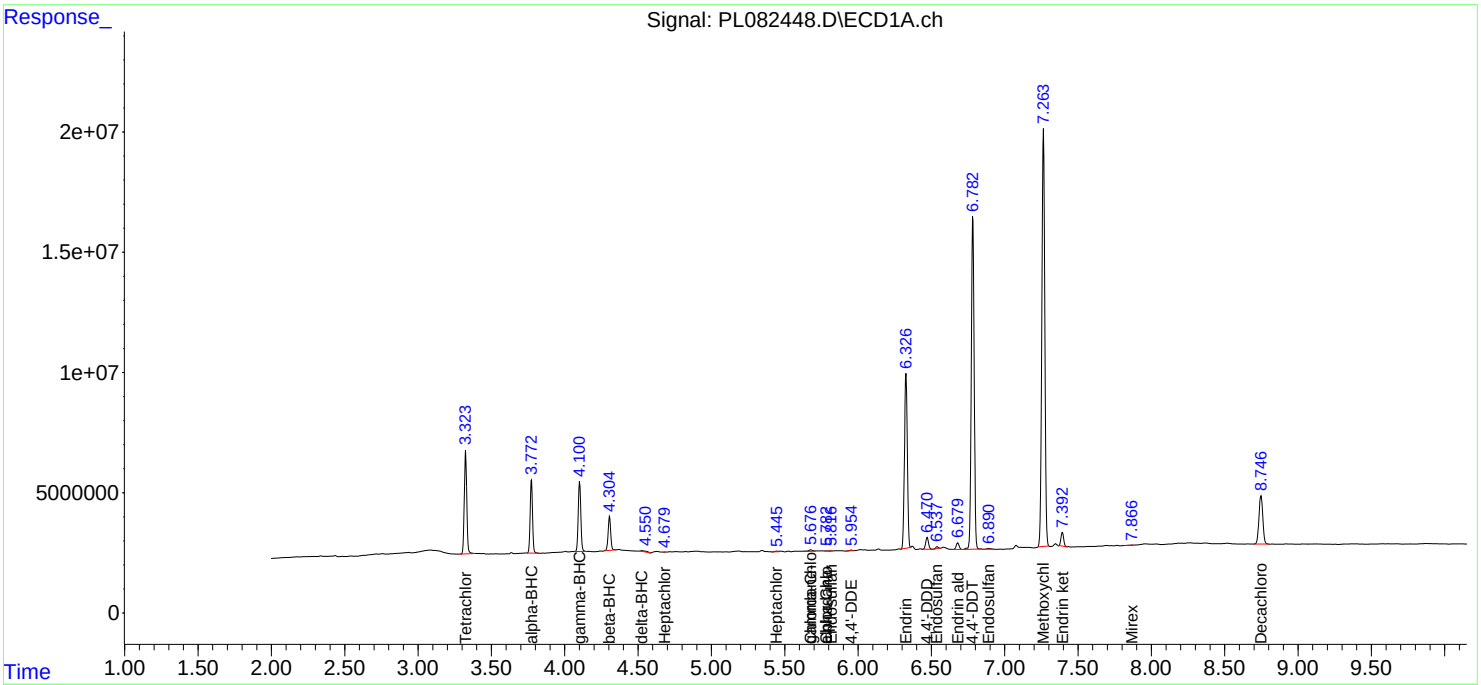
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

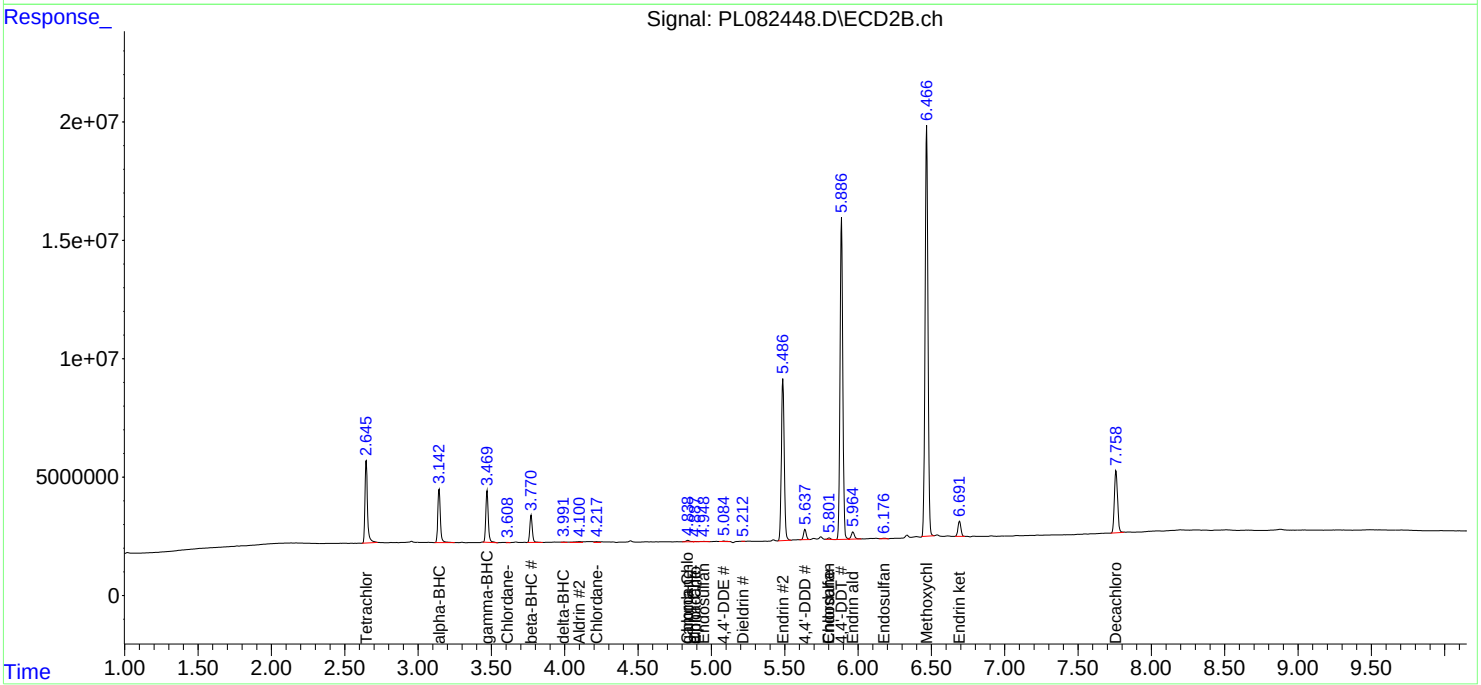
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050323\
Data File : PL082448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 May 2023 08:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

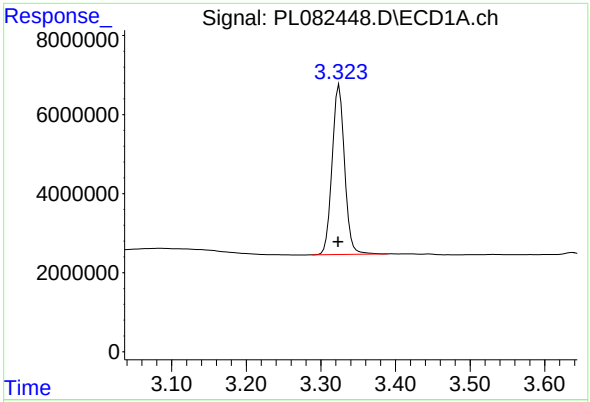
**Instrument :**
ECD_L
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 12:38:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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



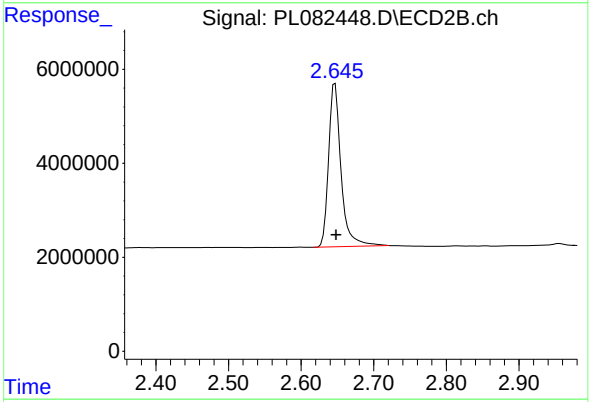






#1 Tetrachloro-m-xylene

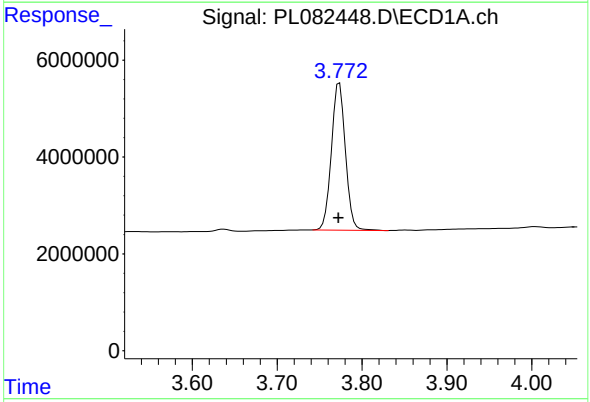
R.T.: 3.325 min
Delta R.T.: 0.002 min
Response: 49992235
Conc: 18.72 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



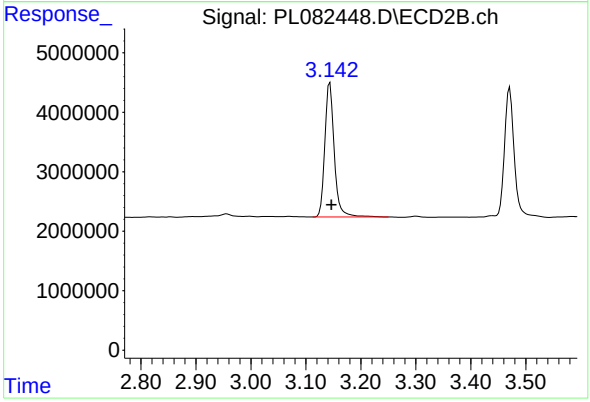

#1 Tetrachloro-m-xylene

R.T.: 2.647 min
Delta R.T.: -0.002 min
Response: 41581757
Conc: 17.95 ng/ml



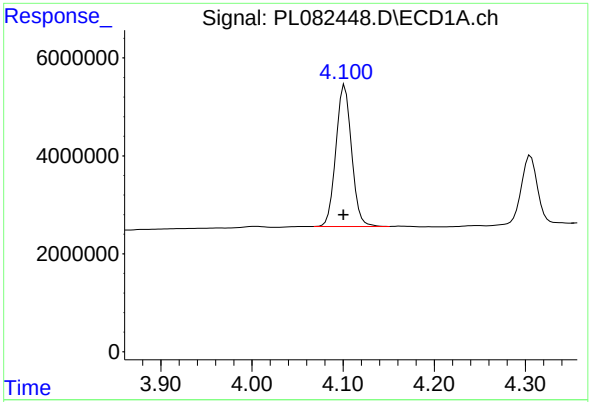

#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.001 min
Response: 34861156
Conc: 8.76 ng/ml




#2 alpha-BHC

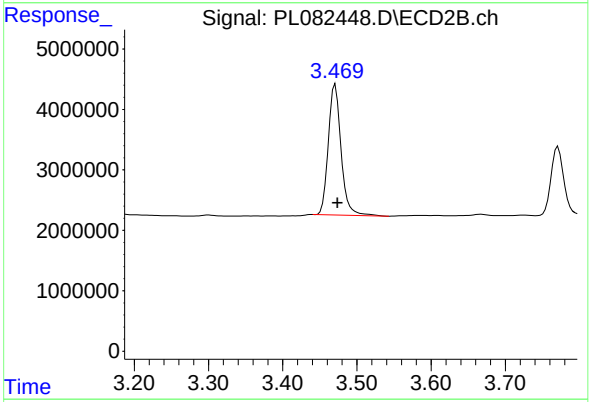
R.T.: 3.144 min
Delta R.T.: -0.003 min
Response: 26902755
Conc: 7.90 ng/ml




#3 gamma-BHC (Lindane)

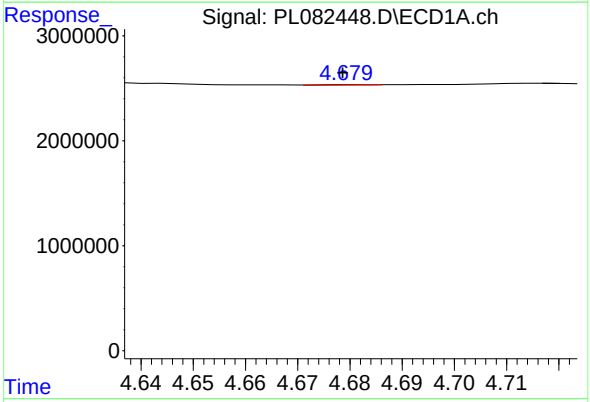
R.T.: 4.102 min
Delta R.T.: 0.001 min
Response: 34534275
Conc: 9.24 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



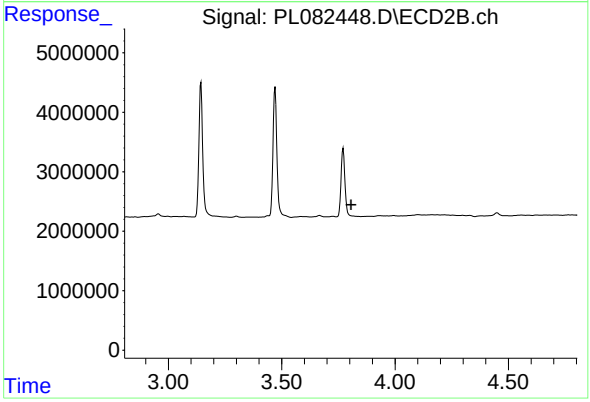

#3 gamma-BHC (Lindane)

R.T.: 3.471 min
Delta R.T.: -0.003 min
Response: 25891889
Conc: 8.05 ng/ml



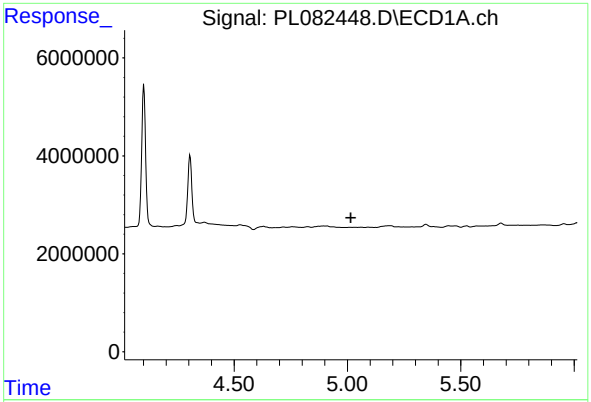

#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: 0.001 min
Response: 34432
Conc: 0.01 ng/ml




#4 Heptachlor

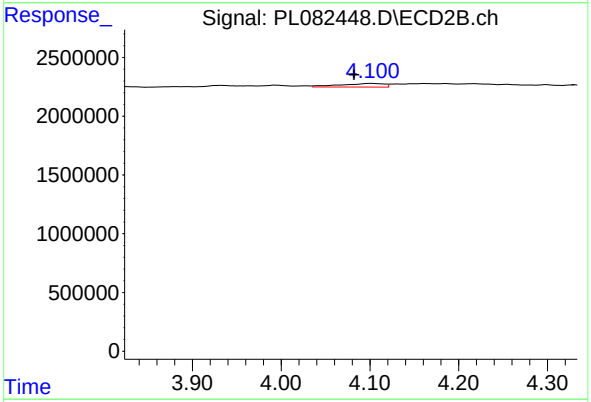
R.T.: 0.000 min
Exp R.T. : 3.806 min
Response: 0
Conc: N.D.




#5 Aldrin

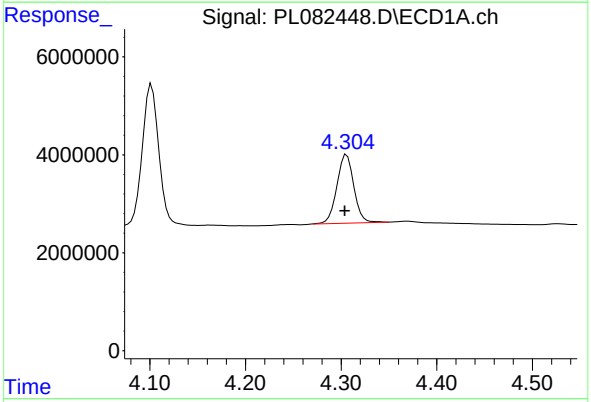
R.T.: 0.000 min
Exp R.T. : 5.016 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**



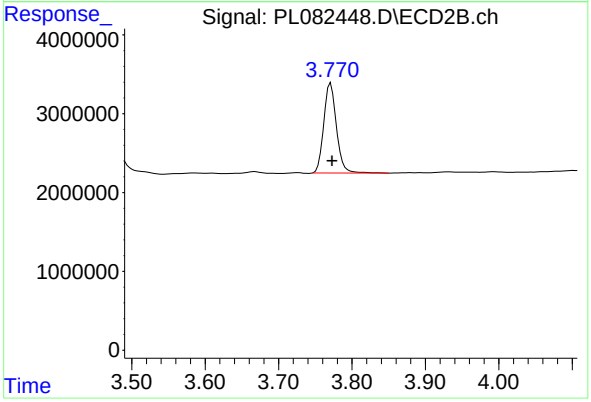

#5 Aldrin

R.T.: 4.101 min
Delta R.T.: 0.019 min
Response: 1049878
Conc: 0.33 ng/ml



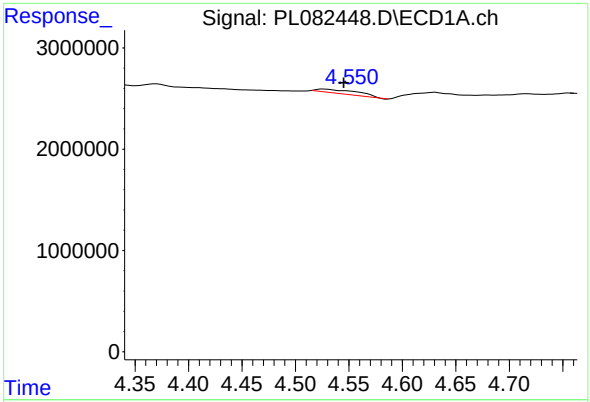

#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: 0.002 min
Response: 17265460
Conc: 10.12 ng/ml




#6 beta-BHC

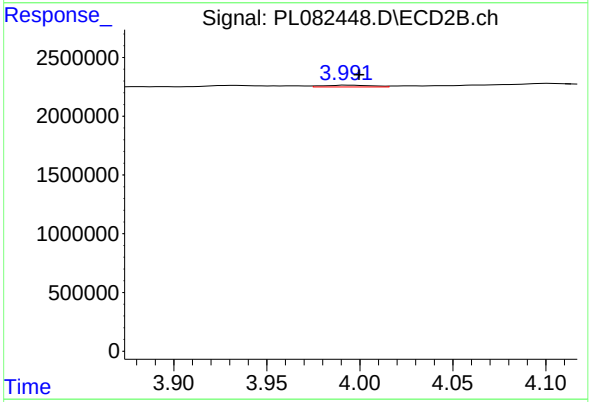
R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 13735277
Conc: 10.07 ng/ml




#7 delta-BHC

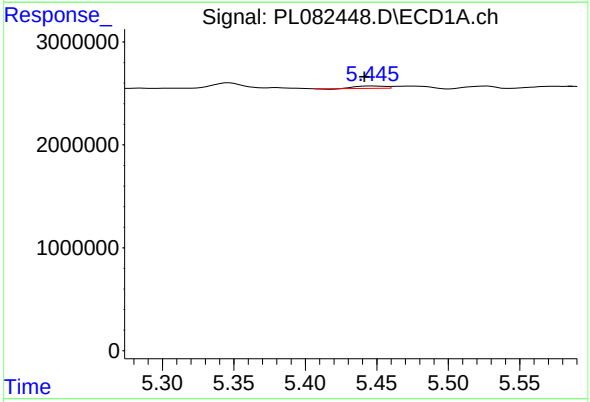
R.T.: 4.526 min
Delta R.T.: -0.019 min
Response: 911723
Conc: 0.25 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



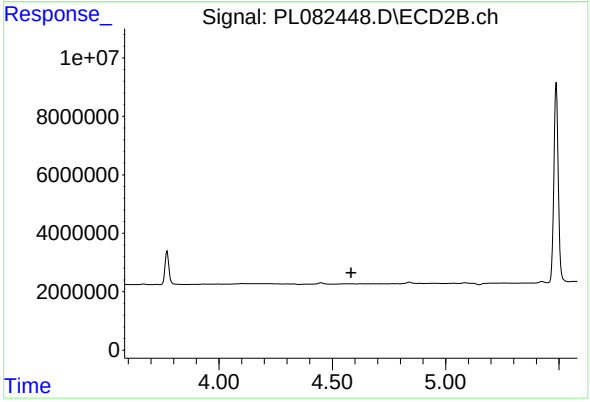

#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.007 min
Response: 268420
Conc: 0.09 ng/ml



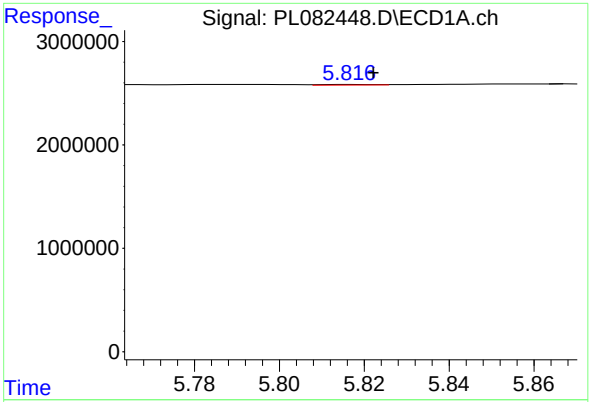

#8 Heptachlor epoxide

R.T.: 5.446 min
Delta R.T.: 0.005 min
Response: 320990
Conc: 0.11 ng/ml




#8 Heptachlor epoxide

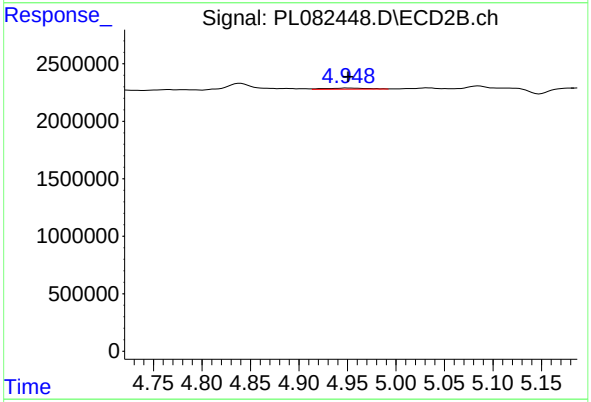
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.




#9 Endosulfan I

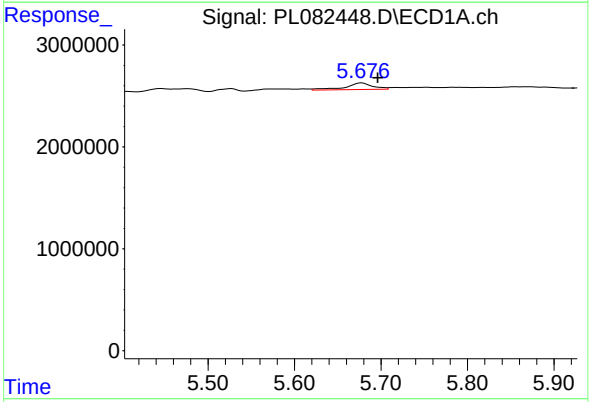
R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 50620
Conc: 0.02 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



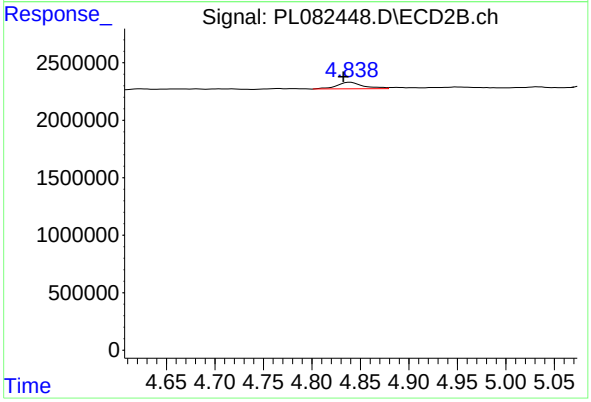

#9 Endosulfan I

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 289688
Conc: 0.11 ng/ml



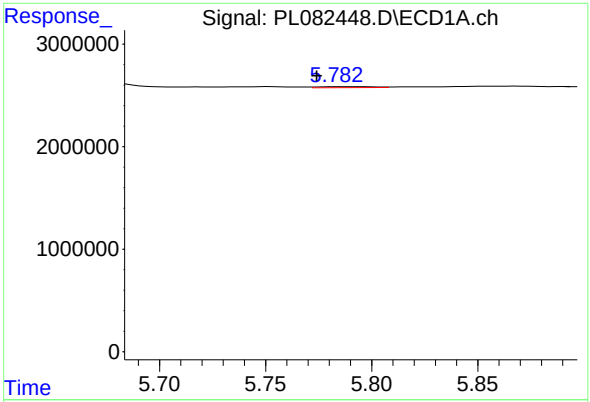

#10 gamma-Chlordane

R.T.: 5.678 min
Delta R.T.: -0.018 min
Response: 1438912
Conc: 0.48 ng/ml




#10 gamma-Chlordane

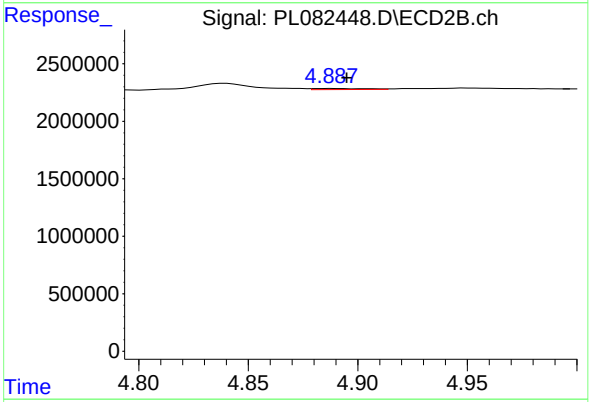
R.T.: 4.840 min
Delta R.T.: 0.007 min
Response: 1074525
Conc: 0.37 ng/ml




#11 alpha-Chlordane

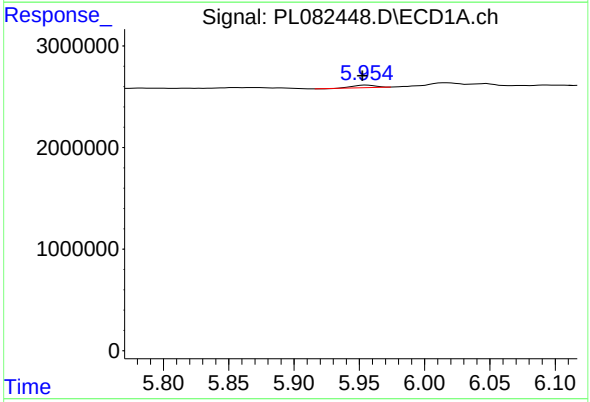
R.T.: 5.784 min
Delta R.T.: 0.010 min
Response: 176886
Conc: 0.06 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



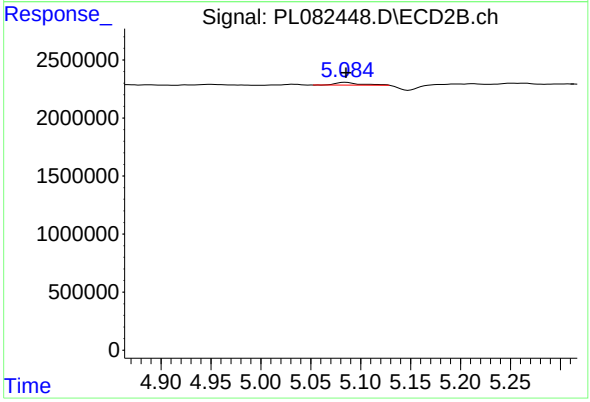

#11 alpha-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 159957
Conc: 0.06 ng/ml



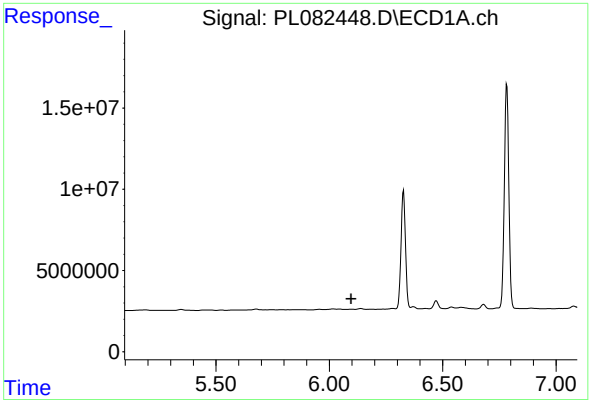

#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 288235
Conc: 0.11 ng/ml




#12 4,4'-DDE

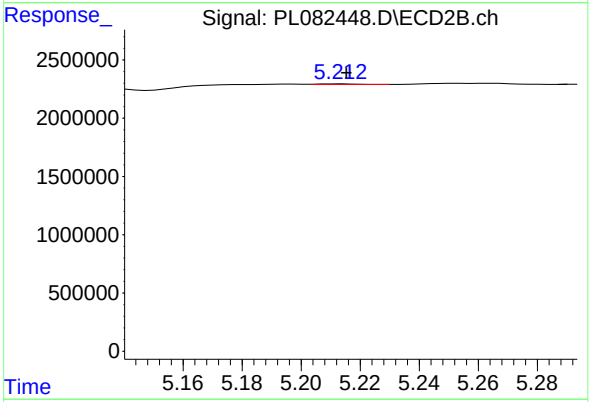
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 378351
Conc: 0.16 ng/ml




#13 Dieldrin

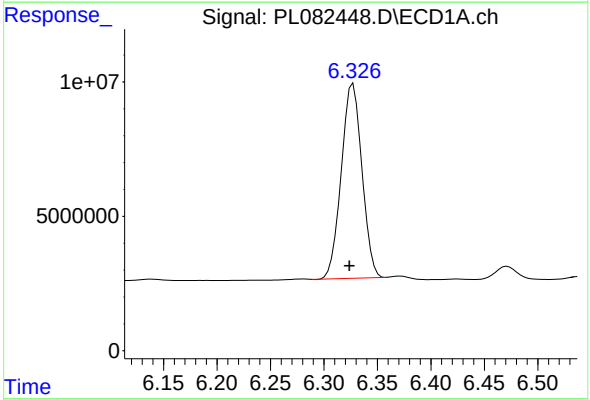
R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**



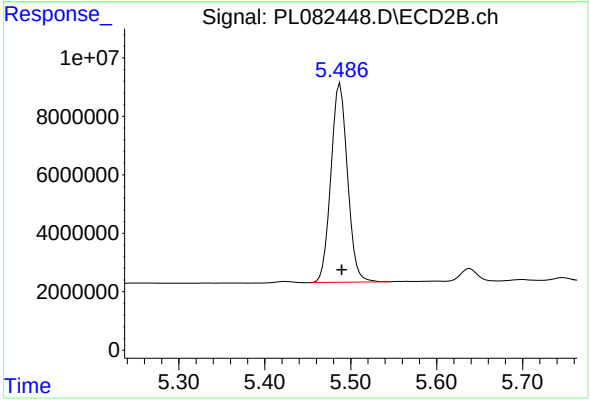

#13 Dieldrin

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 46187
Conc: 0.02 ng/ml



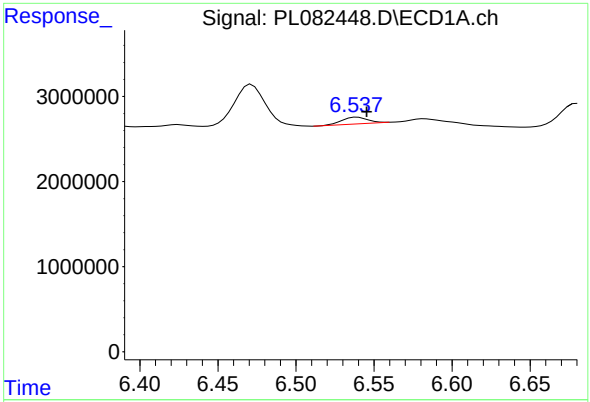

#14 Endrin

R.T.: 6.327 min
Delta R.T.: 0.004 min
Response: 97378553
Conc: 40.16 ng/ml




#14 Endrin

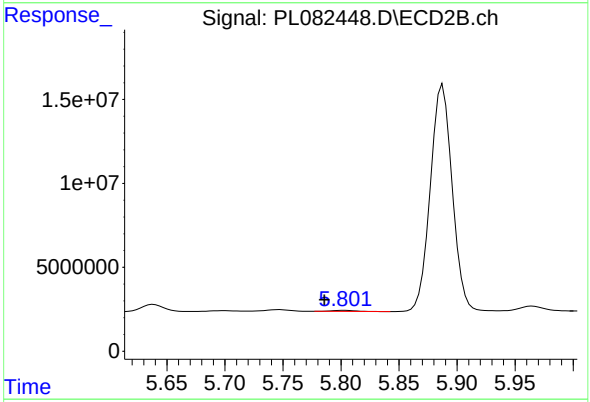
R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 90953079
Conc: 37.19 ng/ml




#15 Endosulfan II

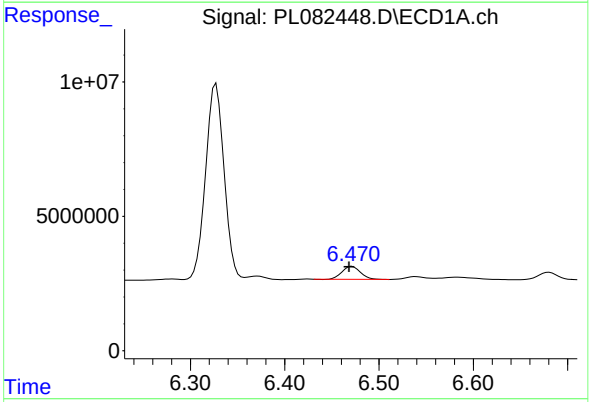
R.T.: 6.539 min
Delta R.T.: -0.006 min
Response: 906396
Conc: 0.37 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



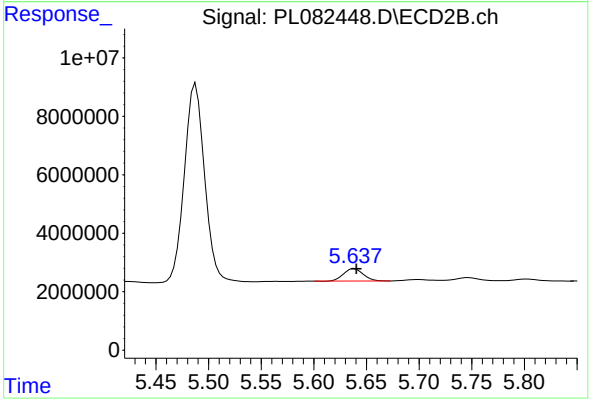

#15 Endosulfan II

R.T.: 5.803 min
Delta R.T.: 0.017 min
Response: 841220
Conc: 0.37 ng/ml



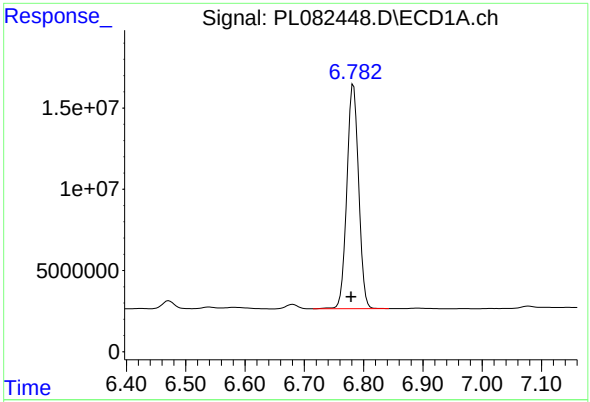

#16 4,4'-DDD

R.T.: 6.472 min
Delta R.T.: 0.003 min
Response: 6614011
Conc: 3.26 ng/ml




#16 4,4'-DDD

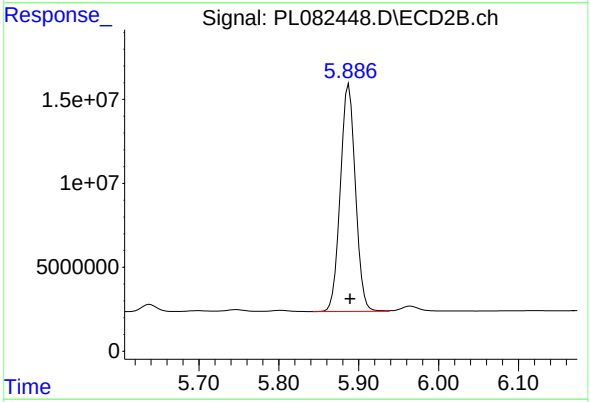
R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 5524038
Conc: 2.95 ng/ml




#17 4,4'-DDT

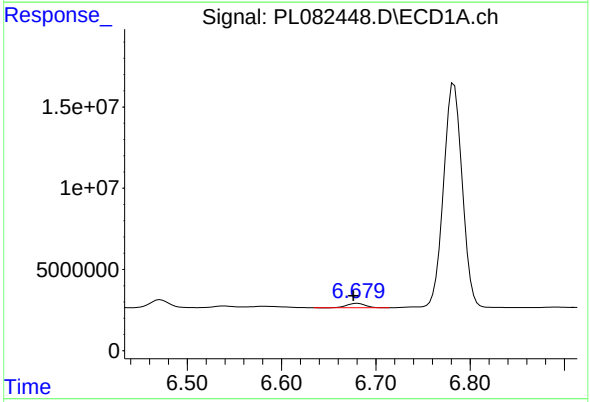
R.T.: 6.783 min
Delta R.T.: 0.004 min
Response: 190856606
Conc: 83.43 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



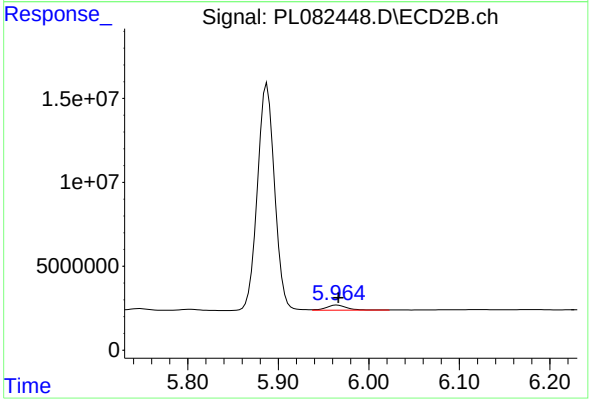

#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: -0.002 min
Response: 177894504
Conc: 84.21 ng/ml



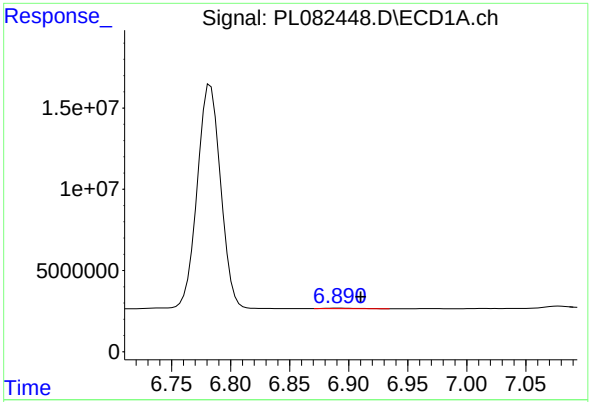

#18 Endrin aldehyde

R.T.: 6.680 min
Delta R.T.: 0.004 min
Response: 3725522
Conc: 1.98 ng/ml




#18 Endrin aldehyde

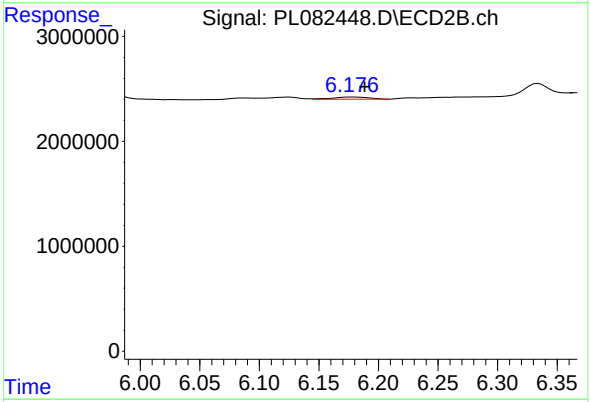
R.T.: 5.965 min
Delta R.T.: -0.001 min
Response: 4887604
Conc: 2.61 ng/ml




#19 Endosulfan Sulfate

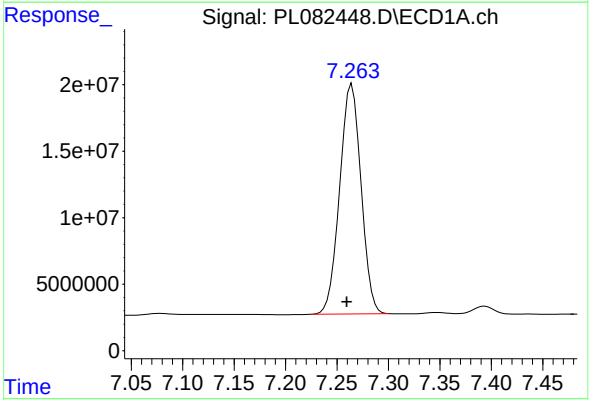
R.T.: 6.891 min
Delta R.T.: -0.019 min
Response: 560264
Conc: 0.24 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



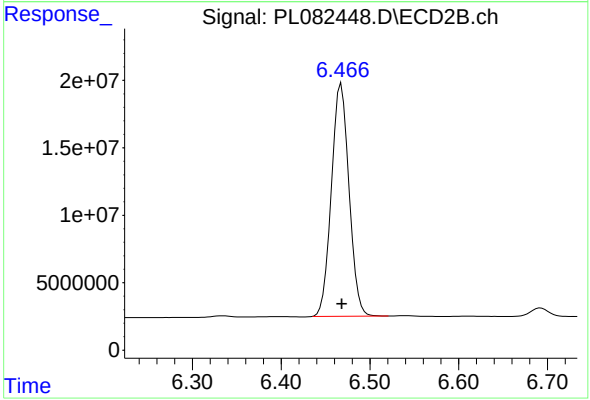

#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: -0.012 min
Response: 463543
Conc: 0.20 ng/ml



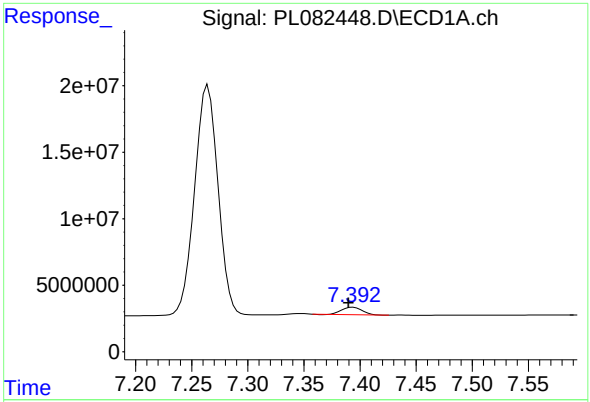

#20 Methoxychlor

R.T.: 7.265 min
Delta R.T.: 0.005 min
Response: 249866598
Conc: 204.75 ng/ml




#20 Methoxychlor

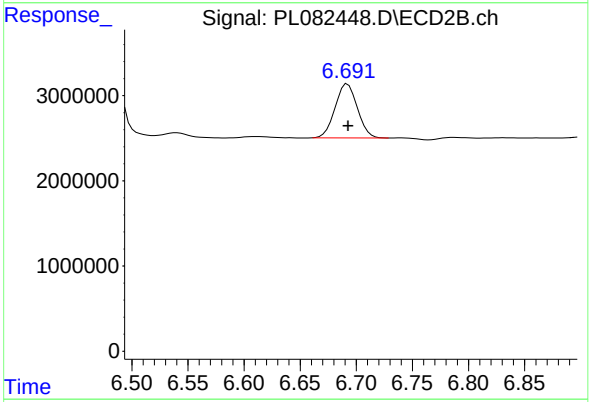
R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 238313508
Conc: 196.66 ng/ml




#21 Endrin ketone

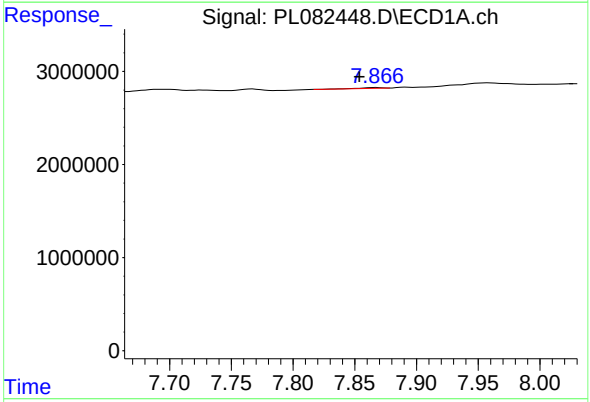
R.T.: 7.394 min
Delta R.T.: 0.004 min
Response: 7013914
Conc: 2.93 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



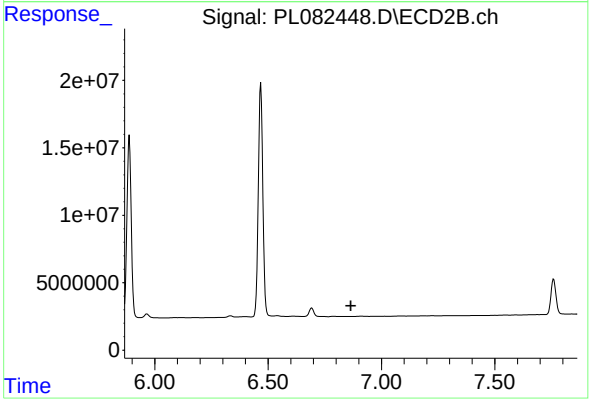

#21 Endrin ketone

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 8777956
Conc: 3.46 ng/ml



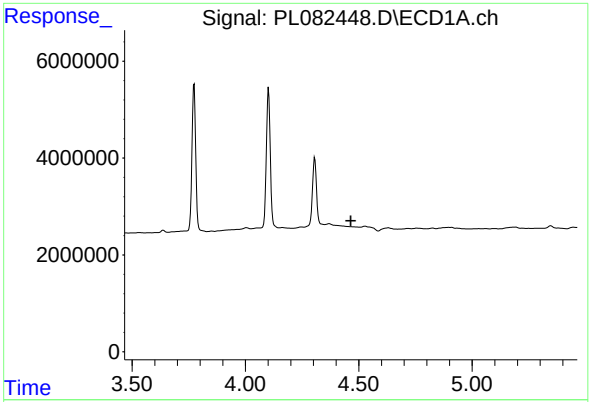

#22 Mirex

R.T.: 7.867 min
Delta R.T.: 0.014 min
Response: 94713
Conc: 0.05 ng/ml




#22 Mirex

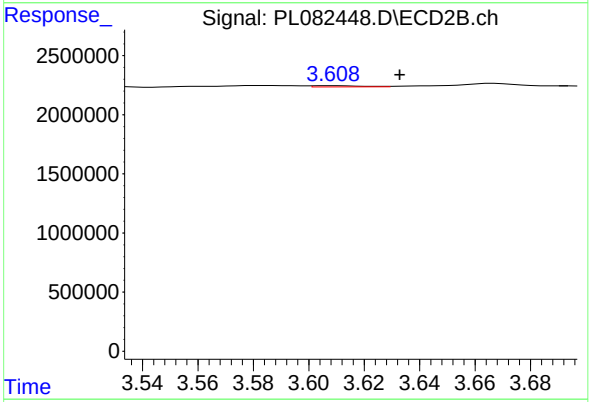
R.T.: 0.000 min
Exp R.T. : 6.865 min
Response: 0
Conc: N.D.




#23 Chlordane-1

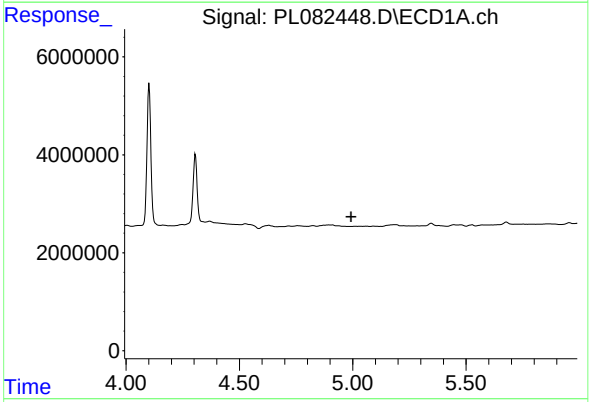
R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**



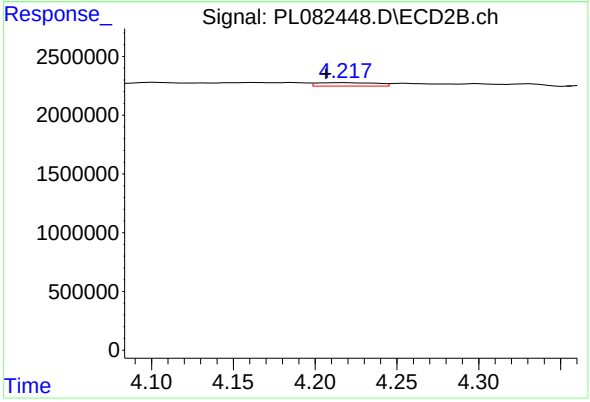

#23 Chlordane-1

R.T.: 3.609 min
Delta R.T.: -0.024 min
Response: 121508
Conc: 1.37 ng/ml



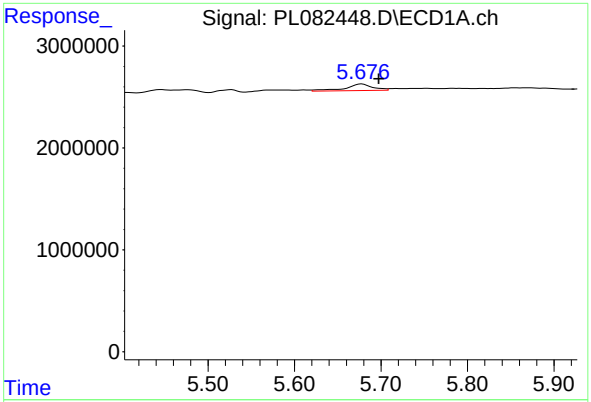

#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.992 min
Response: 0
Conc: N.D.




#24 Chlordane-2

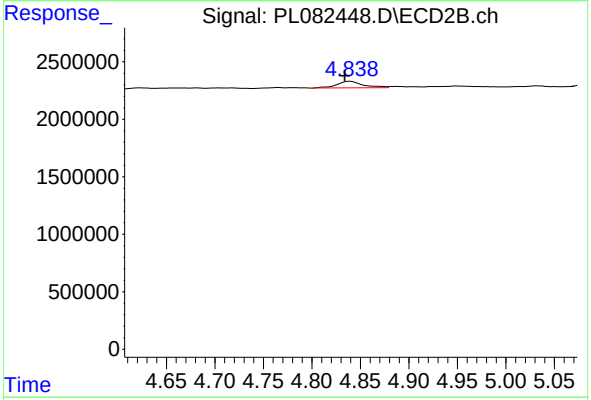
R.T.: 4.218 min
Delta R.T.: 0.011 min
Response: 751251
Conc: 6.70 ng/ml




#25 Chlordane-3

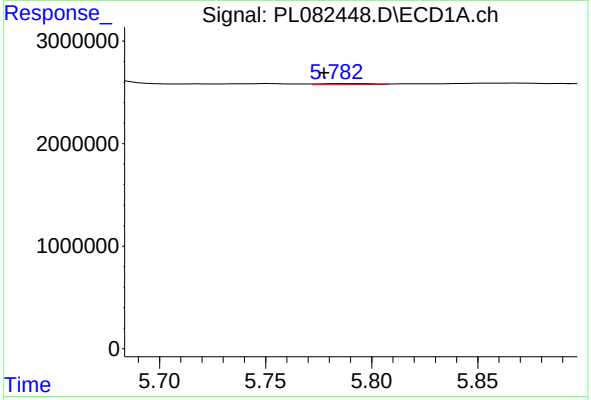
R.T.: 5.678 min
Delta R.T.: -0.020 min
Response: 1438912
Conc: 3.33 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



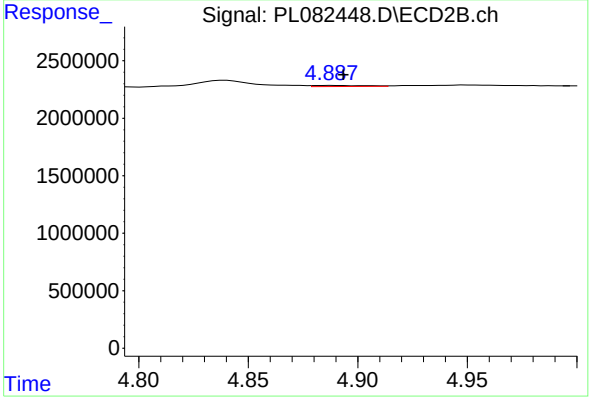

#25 Chlordane-3

R.T.: 4.840 min
Delta R.T.: 0.006 min
Response: 1074525
Conc: 3.78 ng/ml



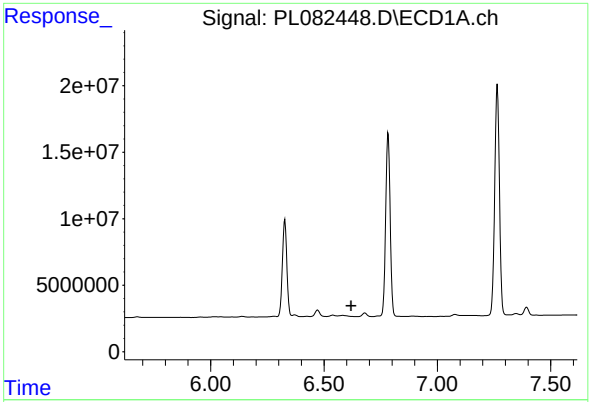

#26 Chlordane-4

R.T.: 5.784 min
Delta R.T.: 0.006 min
Response: 176886
Conc: 0.34 ng/ml




#26 Chlordane-4

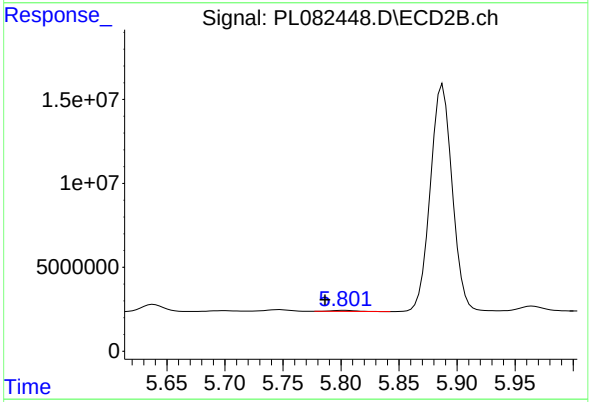
R.T.: 4.888 min
Delta R.T.: -0.005 min
Response: 159957
Conc: 0.54 ng/ml




#27 Chlordane-5

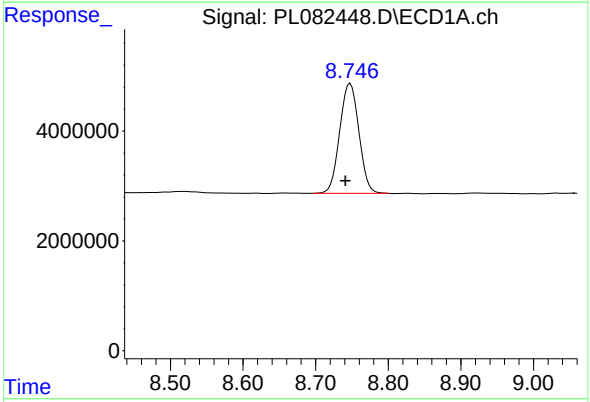
R.T.: 0.000 min
Exp R.T. : 6.619 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**



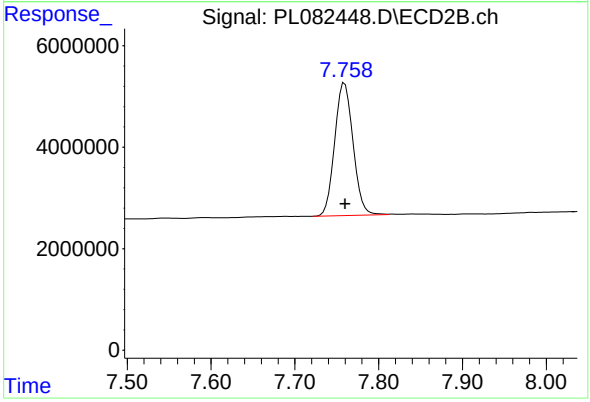

#27 Chlordane-5

R.T.: 5.803 min
Delta R.T.: 0.017 min
Response: 841220
Conc: 8.52 ng/ml




#28 Decachlorobiphenyl

R.T.: 8.748 min
Delta R.T.: 0.007 min
Response: 36742811
Conc: 19.25 ng/ml




#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 39818289
Conc: 17.45 ng/ml