Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
Data File : PL090762.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 17:15
Operator : AR\AJ
Sample : P3448-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 00:37:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
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... | 3.545 | 2.786 | 39341457 | 35520439 | 18.894 | 21.106 | |
| 28) | SA Decachlor... | 9.055 | 7.927 | 22036408 | 26922884 | 16.583 | 18.464 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 0.000 | 3.279 | 0 | 216535 | N.D. | 0.090 | # |
| 3) | MA gamma-BHC... | 4.306f | 3.627 | 5897692 | 2997076 | 2.106 | 1.300 | # |
| 4) | MA Heptachlor | 0.000 | 3.948f | 0 | 1916476 | N.D. | 0.869 | # |
| 5) | MB Aldrin | 0.000 | 4.242 | 0 | 414718 | N.D. | 0.195 | # |
| 6) | B beta-BHC | 4.547f | 3.948f | 1369831 | 1916476 | 1.080 | 1.857 | # |
| 7) | B delta-BHC | 0.000 | 4.144 | 0 | 600811 | N.D. | 0.273 | # |
| 8) | B Heptachlo... | 0.000 | 4.745 | 0 | 66602 | N.D. | 0.034 | # |
| 9) | A Endosulfan I | 0.000 | 5.142f | 0 | 5229466 | N.D. | 2.860 | # |
| 10) | B gamma-Chl... | 5.925f | 4.995 | 3598049 | 463566 | 1.548 | 0.229 | # |
| 11) | B alpha-Chl... | 6.015 | 5.047 | 4788816 | 2090984 | 2.086 | 1.035 | # |
| 12) | B 4,4'-DDE | 0.000 | 5.273f | 0 | 1309233 | N.D. | 0.733 | # |
| 13) | MA Dieldrin | 6.367 | 5.388 | 8120622 | 3327011 | 3.655 | 1.697 | # |
| 14) | MA Endrin | 0.000 | 5.652 | 0 | 305295 | N.D. | 0.177 | # |
| 15) | B Endosulfa... | 6.825f | 5.953 | 6112232 | 727557 | 3.108 | 0.426 | # |
| 16) | A 4,4'-DDD | 6.702 | 5.804 | 18332314 | 395407 | 10.859 | 0.264 | # |
| 17) | MA 4,4'-DDT | 7.036 | 6.052 | 12803590 | 574564 | 7.606 | 0.392 | # |
| 18) | B Endrin al... | 0.000 | 6.145 | 0 | 145744 | N.D. | 0.112 | # |
| 19) | B Endosulfa... | 0.000 | 6.378f | 0 | 70937 | N.D. | 0.044 | # |
| 20) | A Methoxychlor | 0.000 | 6.612f | 0 | 30023 | N.D. | 0.037 | # |
| 21) | B Endrin ke... | 0.000 | 6.848 | 0 | 33407 | N.D. | 0.018 | # |
| 22) | Mirex | 8.115 | 7.035 | 8782338 | -114950 | 6.201 | N.D. | # |
| 23) | Chlordane-1 | 0.000 | 3.796 | 0 | 2324805 | N.D. | 37.547 | # |
| 24) | Chlordane-2 | 0.000 | 4.381 | 0 | 215371 | N.D. | 2.840 | # |
| 25) | Chlordane-3 | 5.925f | 4.995 | 3598049 | 463566 | 10.868 | 2.243 | # |
| 26) | Chlordane-4 | 6.015 | 5.047 | 4788816 | 2090984 | 12.023 | 10.685 | |
| 27) | Chlordane-5 | 0.000 | 5.743 | 0 | 2511913 | N.D. | 41.673 | # |

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

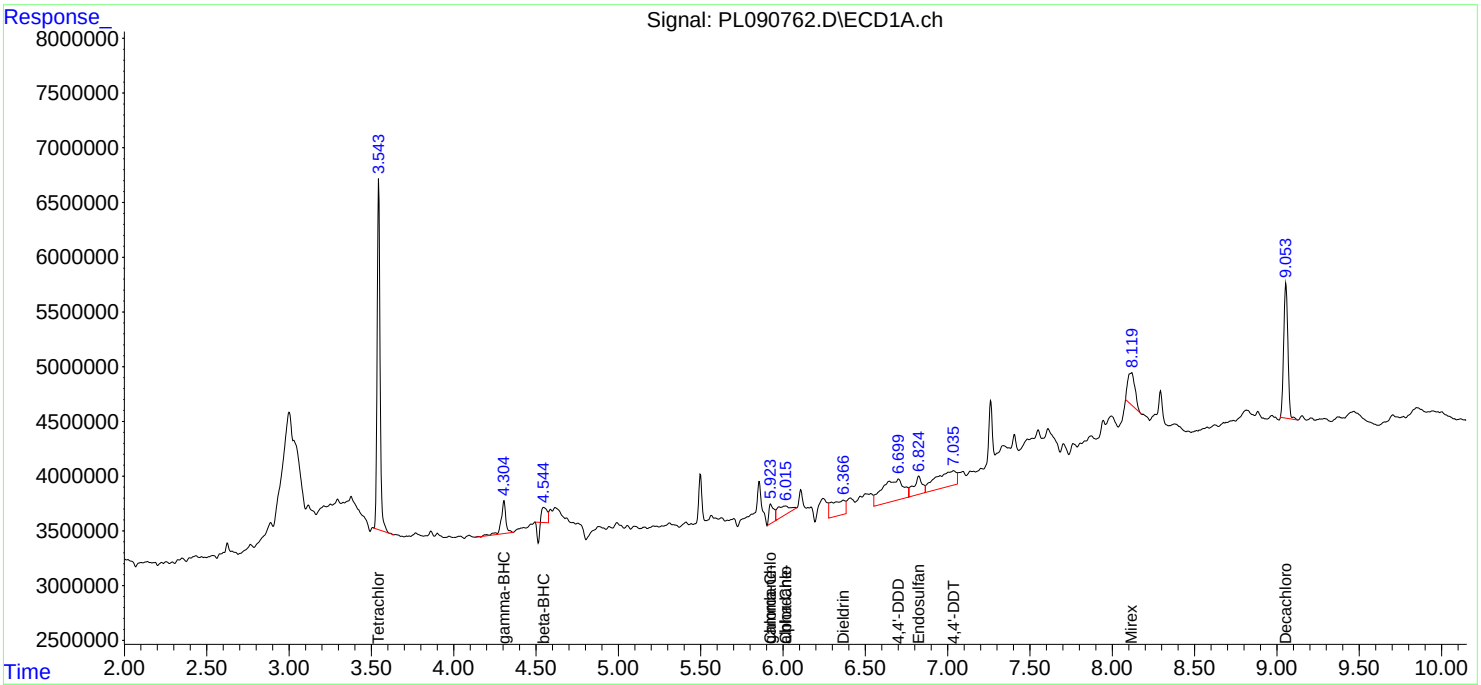
Quantitation Report (Not Reviewed)

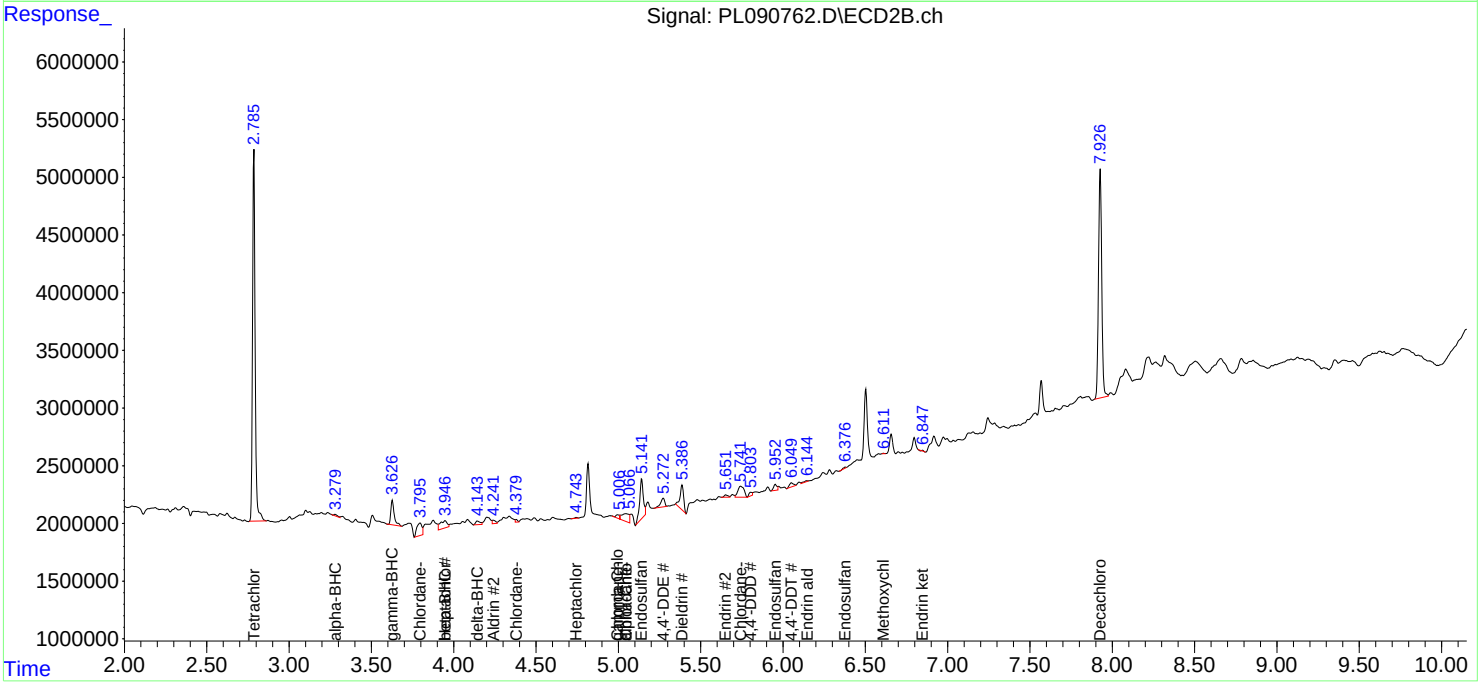
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
Data File : PL090762.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 17:15
Operator : AR\AJ
Sample : P3448-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

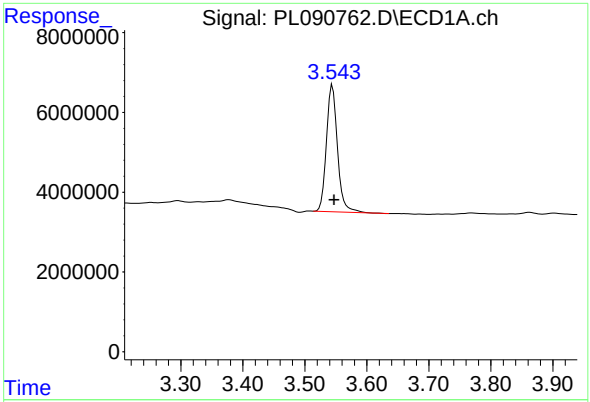
**Instrument :**
ECD_L
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 00:37:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
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



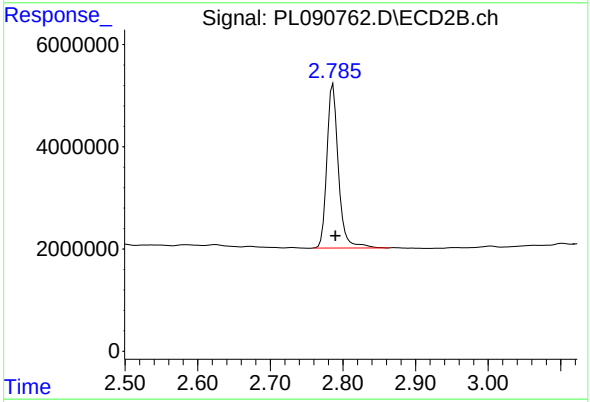






#1 Tetrachloro-m-xylene

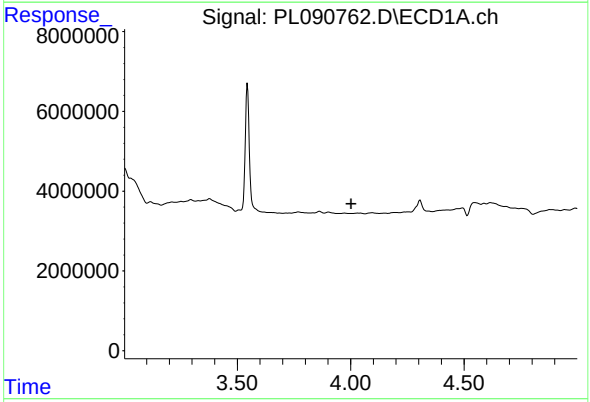
R.T.: 3.545 min
Delta R.T.: -0.002 min
Response: 39341457
Conc: 18.89 ng/ml

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



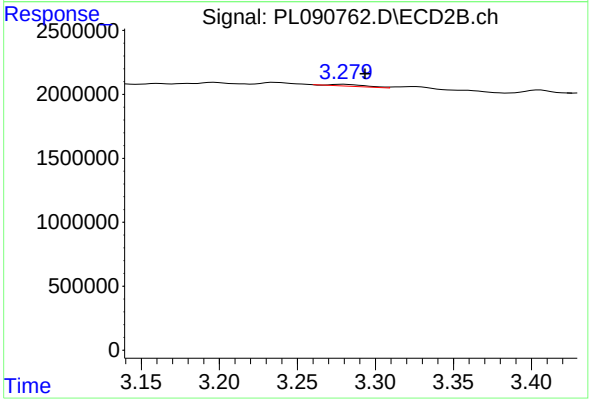

#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: -0.003 min
Response: 35520439
Conc: 21.11 ng/ml



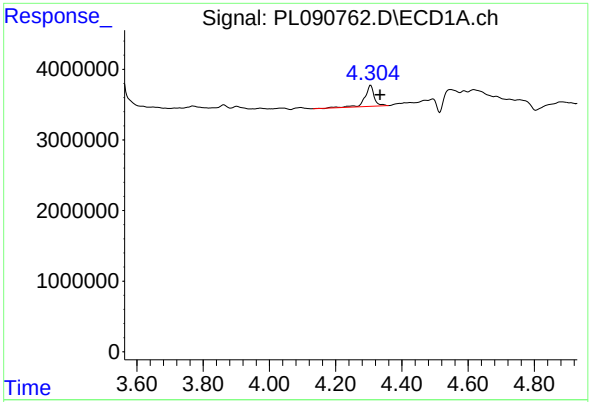

#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.002 min
Response: 0
Conc: N.D.




#2 alpha-BHC

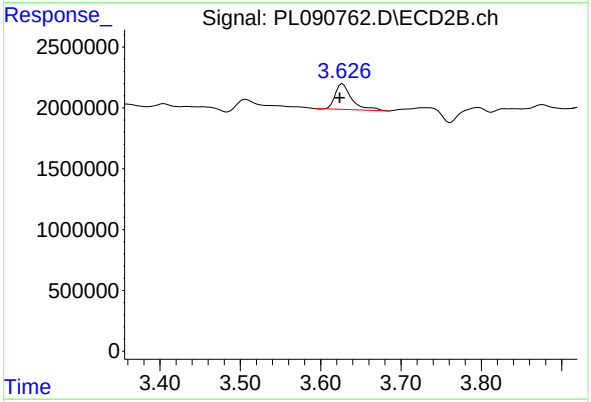
R.T.: 3.279 min
Delta R.T.: -0.014 min
Response: 216535
Conc: 0.09 ng/ml




#3 gamma-BHC (Lindane)

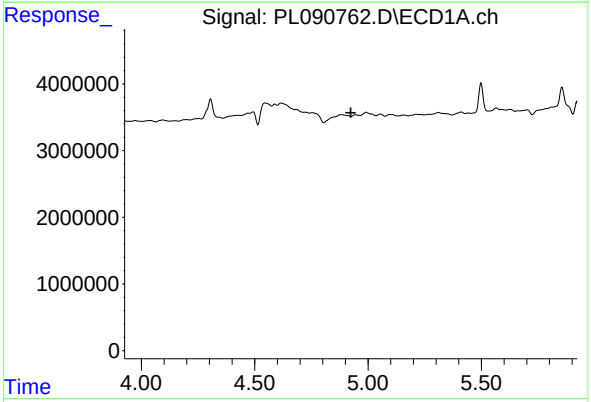
R.T.: 4.306 min
Delta R.T.: -0.029 min
Response: 5897692
Conc: 2.11 ng/ml

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



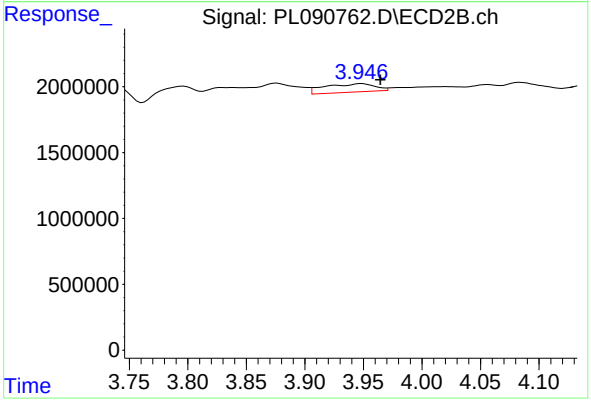

#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.004 min
Response: 2997076
Conc: 1.30 ng/ml



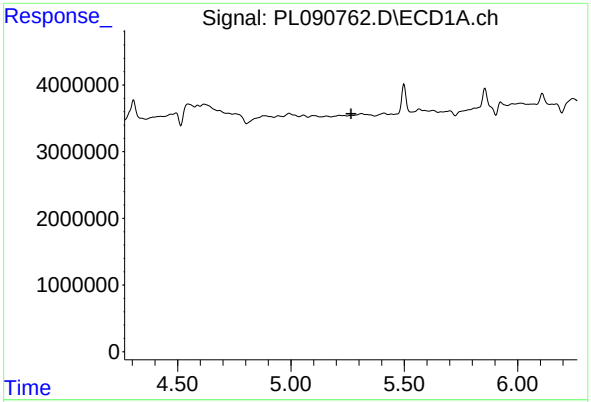

#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.




#4 Heptachlor

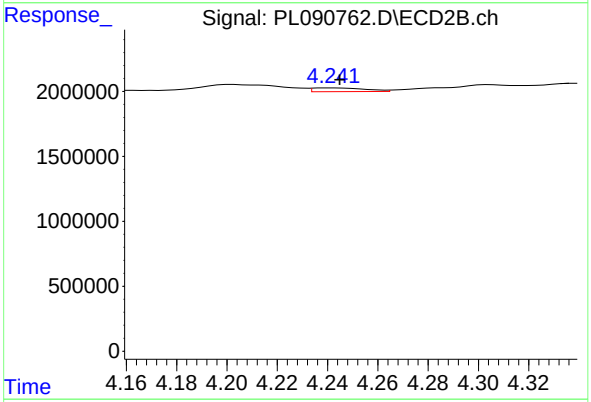
R.T.: 3.948 min
Delta R.T.: -0.016 min
Response: 1916476
Conc: 0.87 ng/ml




#5 Aldrin

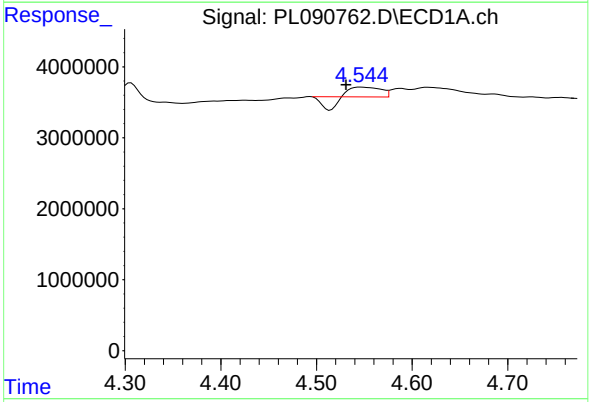
R.T.: 0.000 min
Exp R.T. : 5.266 min
Response: 0
Conc: N.D.

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



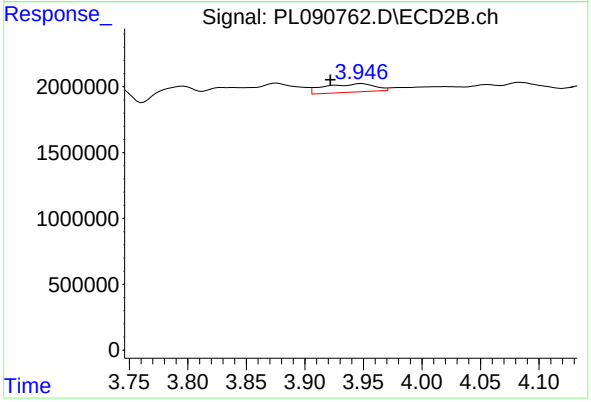

#5 Aldrin

R.T.: 4.242 min
Delta R.T.: -0.003 min
Response: 414718
Conc: 0.19 ng/ml



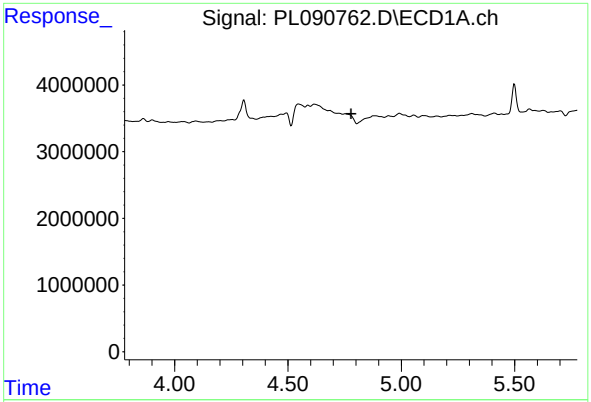

#6 beta-BHC

R.T.: 4.547 min
Delta R.T.: 0.016 min
Response: 1369831
Conc: 1.08 ng/ml




#6 beta-BHC

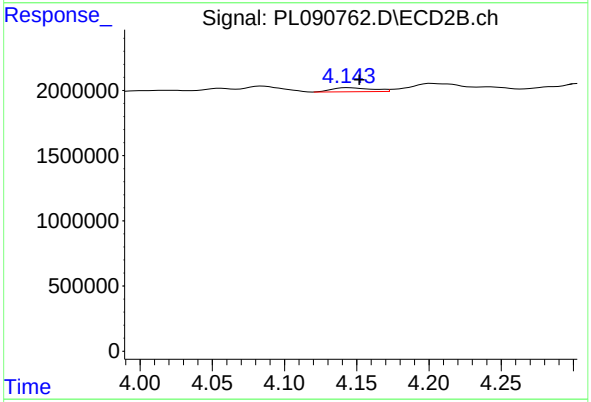
R.T.: 3.948 min
Delta R.T.: 0.026 min
Response: 1916476
Conc: 1.86 ng/ml




#7 delta-BHC

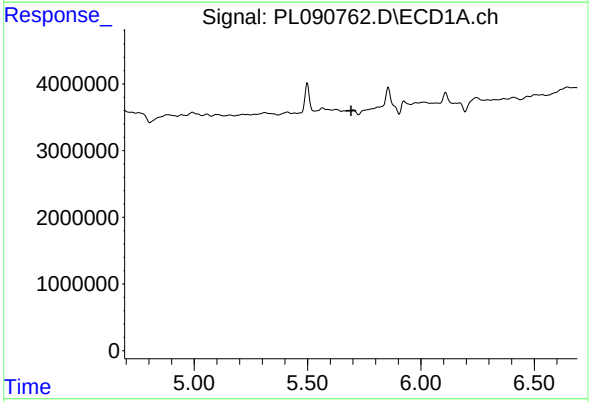
R.T.: 0.000 min
Exp R.T. : 4.778 min
Response: 0
Conc: N.D.

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



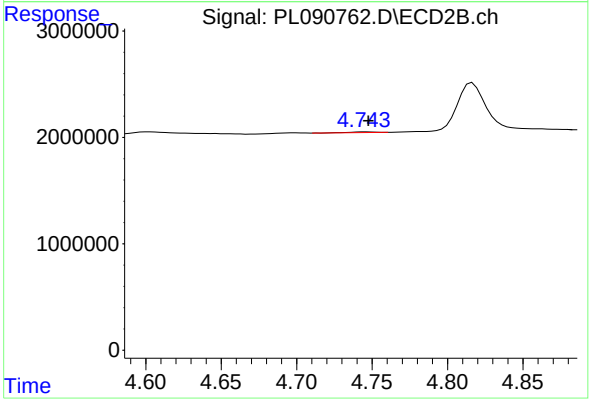

#7 delta-BHC

R.T.: 4.144 min
Delta R.T.: -0.008 min
Response: 600811
Conc: 0.27 ng/ml



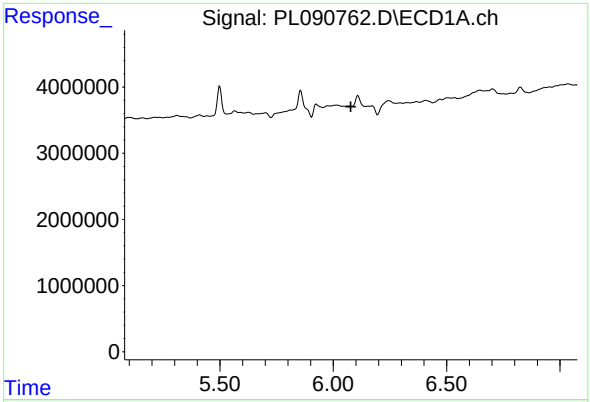

#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.691 min
Response: 0
Conc: N.D.




#8 Heptachlor epoxide

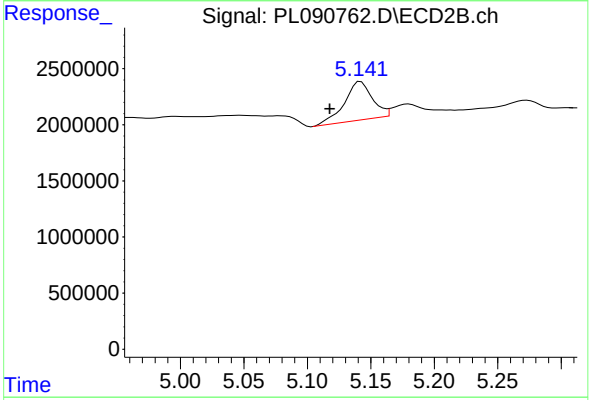
R.T.: 4.745 min
Delta R.T.: -0.002 min
Response: 66602
Conc: 0.03 ng/ml




#9 Endosulfan I

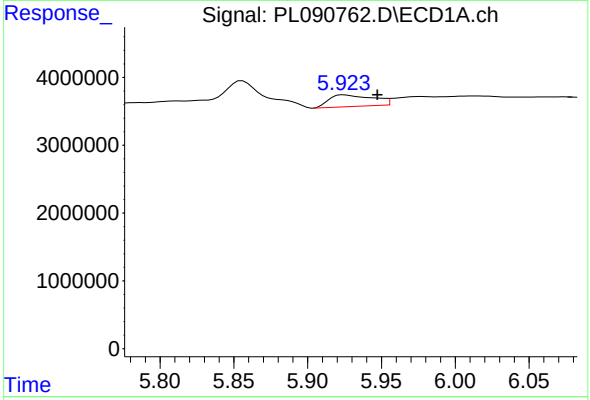
R.T.: 0.000 min
Exp R.T. : 6.077 min
Response: 0
Conc: N.D.

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



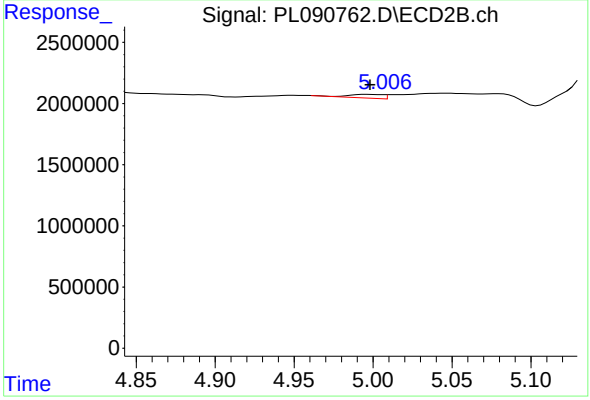

#9 Endosulfan I

R.T.: 5.142 min
Delta R.T.: 0.024 min
Response: 5229466
Conc: 2.86 ng/ml



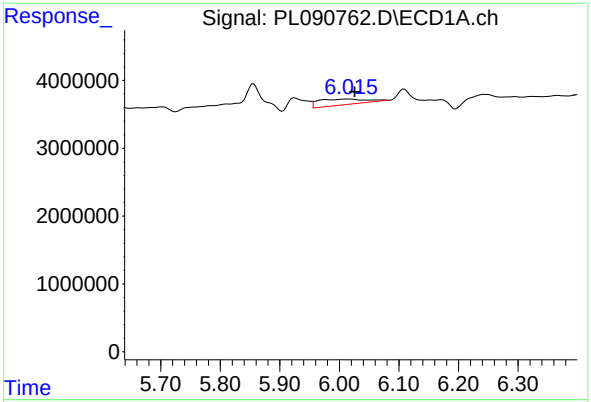

#10 gamma-Chlordane

R.T.: 5.925 min
Delta R.T.: -0.022 min
Response: 3598049
Conc: 1.55 ng/ml




#10 gamma-Chlordane

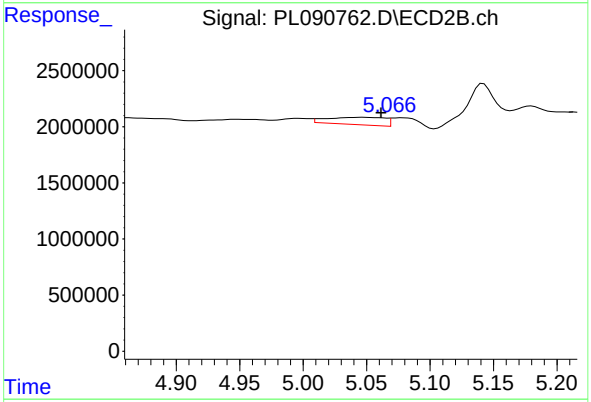
R.T.: 4.995 min
Delta R.T.: -0.003 min
Response: 463566
Conc: 0.23 ng/ml




#11 alpha-Chlordane

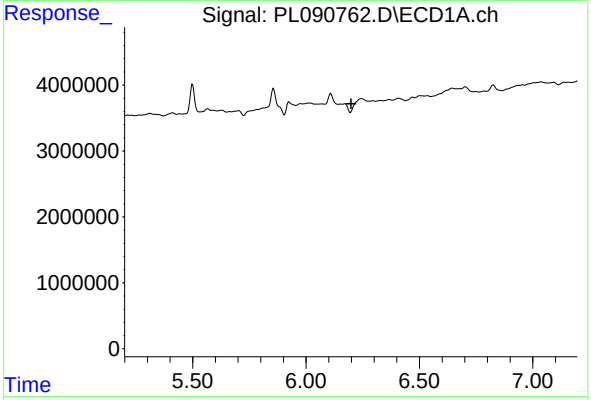
R.T.: 6.015 min
Delta R.T.: -0.011 min
Response: 4788816
Conc: 2.09 ng/ml

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



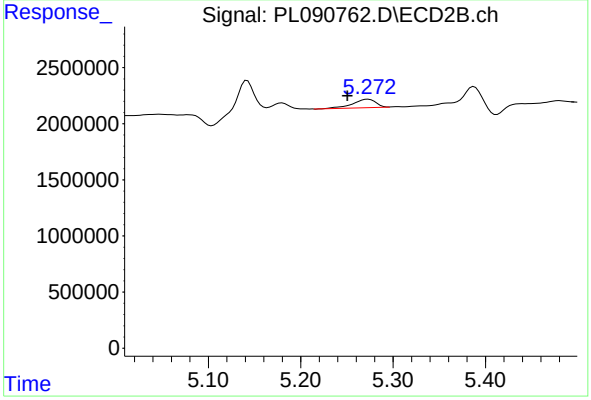

#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.015 min
Response: 2090984
Conc: 1.03 ng/ml



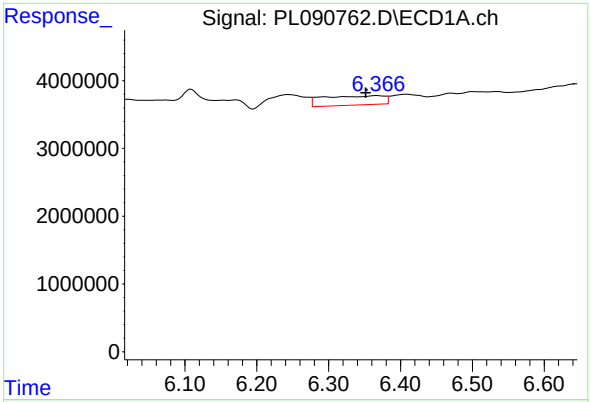

#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.199 min
Response: 0
Conc: N.D.




#12 4,4'-DDE

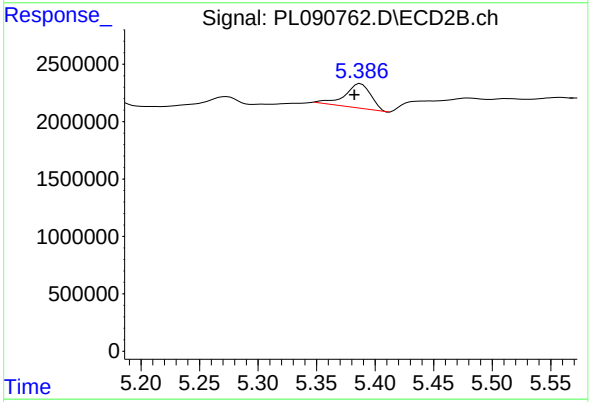
R.T.: 5.273 min
Delta R.T.: 0.022 min
Response: 1309233
Conc: 0.73 ng/ml




#13 Dieldrin

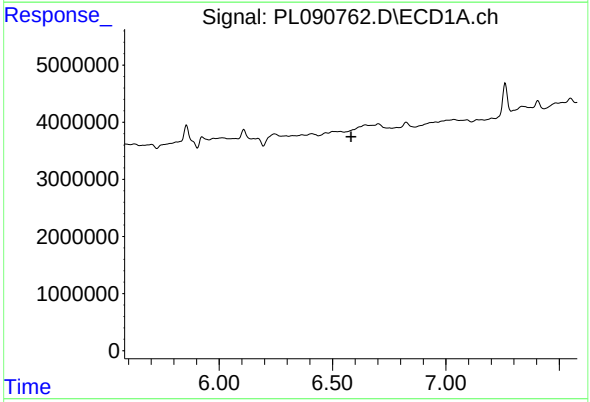
R.T.: 6.367 min
Delta R.T.: 0.015 min
Response: 8120622
Conc: 3.65 ng/ml

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



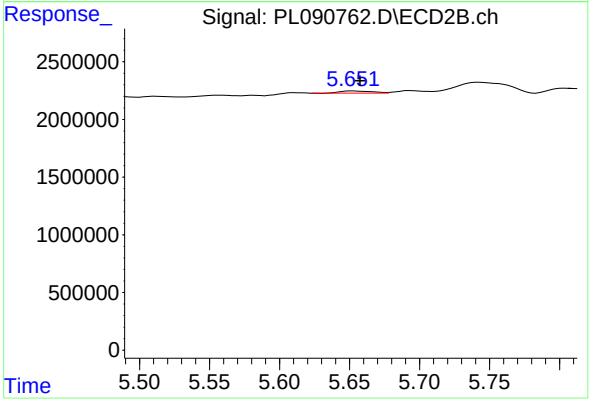

#13 Dieldrin

R.T.: 5.388 min
Delta R.T.: 0.005 min
Response: 3327011
Conc: 1.70 ng/ml



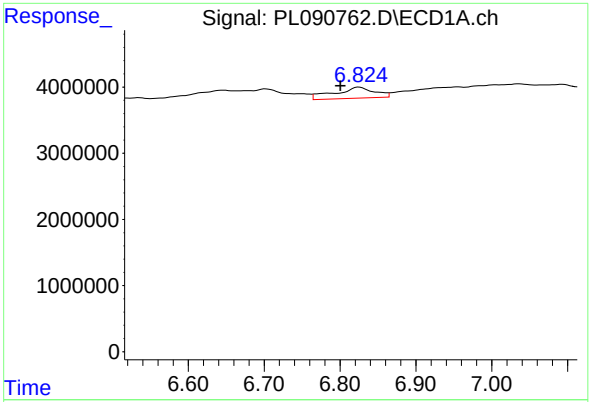

#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.582 min
Response: 0
Conc: N.D.




#14 Endrin

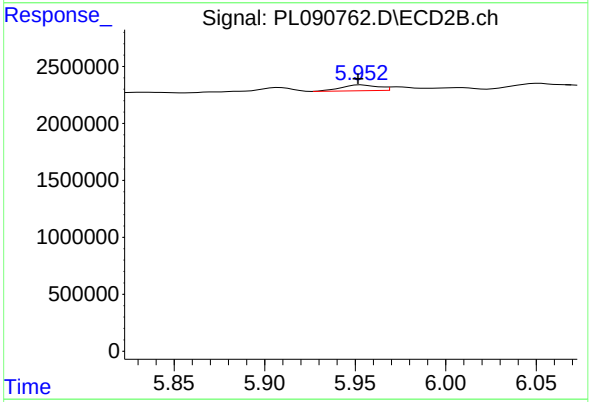
R.T.: 5.652 min
Delta R.T.: -0.005 min
Response: 305295
Conc: 0.18 ng/ml




#15 Endosulfan II

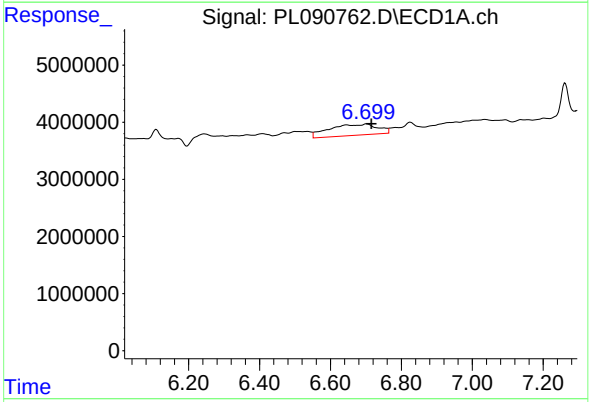
R.T.: 6.825 min
Delta R.T.: 0.025 min
Response: 6112232
Conc: 3.11 ng/ml

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



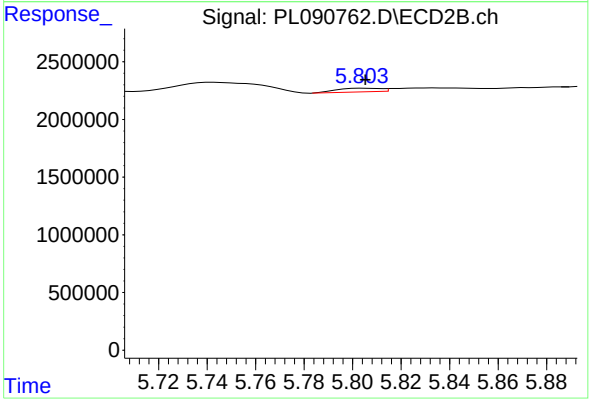

#15 Endosulfan II

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 727557
Conc: 0.43 ng/ml



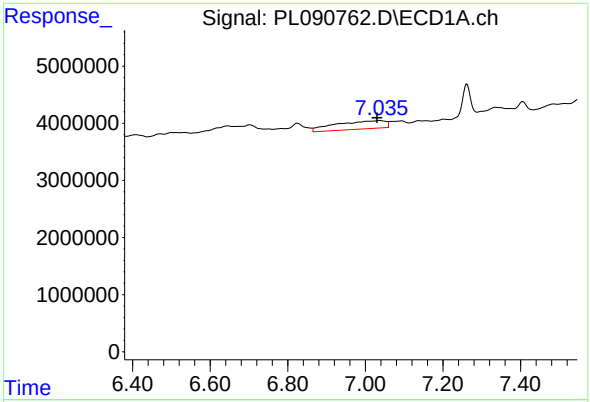

#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.013 min
Response: 18332314
Conc: 10.86 ng/ml




#16 4,4'-DDD

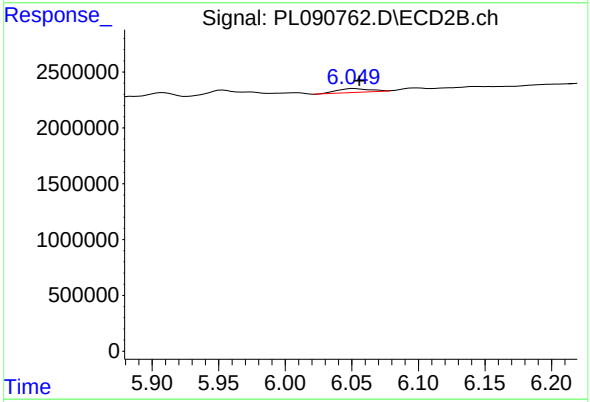
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 395407
Conc: 0.26 ng/ml




#17 4,4'-DDT

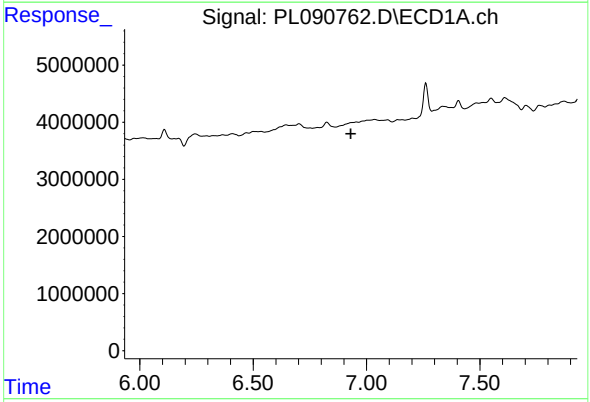
R.T.: 7.036 min
Delta R.T.: 0.006 min
Response: 12803590
Conc: 7.61 ng/ml

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



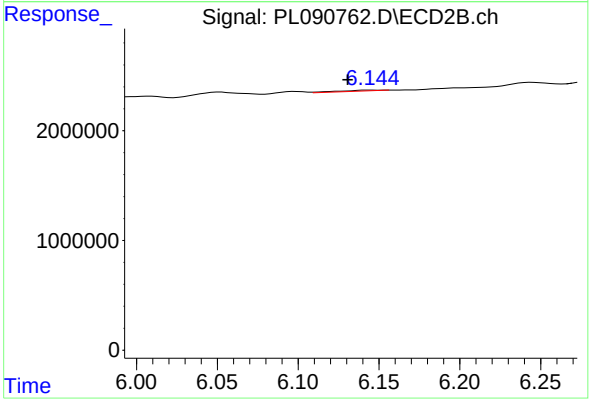

#17 4,4'-DDT

R.T.: 6.052 min
Delta R.T.: -0.004 min
Response: 574564
Conc: 0.39 ng/ml



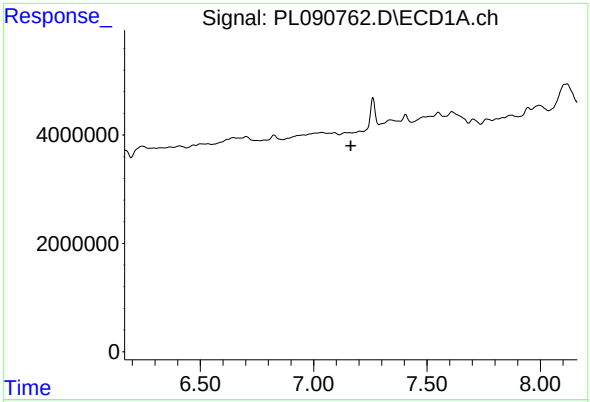

#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.930 min
Response: 0
Conc: N.D.




#18 Endrin aldehyde

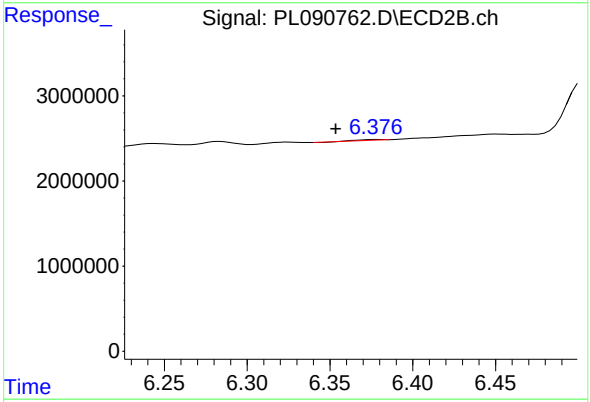
R.T.: 6.145 min
Delta R.T.: 0.015 min
Response: 145744
Conc: 0.11 ng/ml




#19 Endosulfan Sulfate

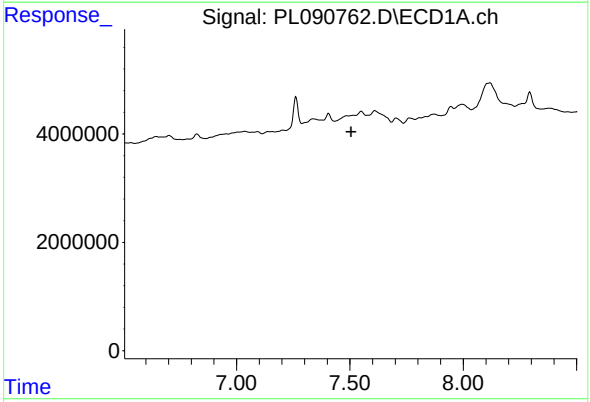
R.T.: 0.000 min
Exp R.T. : 7.164 min
Response: 0
Conc: N.D.

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



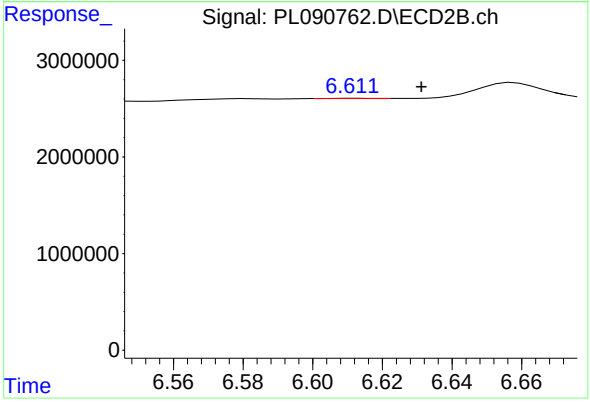

#19 Endosulfan Sulfate

R.T.: 6.378 min
Delta R.T.: 0.025 min
Response: 70937
Conc: 0.04 ng/ml



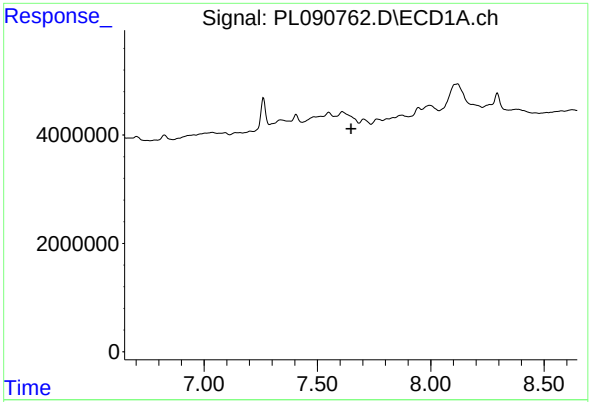

#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.505 min
Response: 0
Conc: N.D.




#20 Methoxychlor

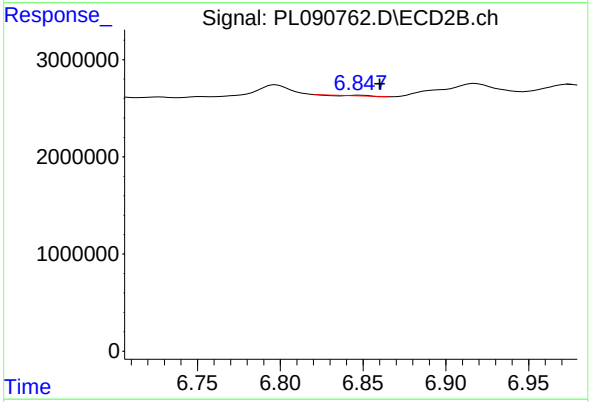
R.T.: 6.612 min
Delta R.T.: -0.019 min
Response: 30023
Conc: 0.04 ng/ml




#21 Endrin ketone

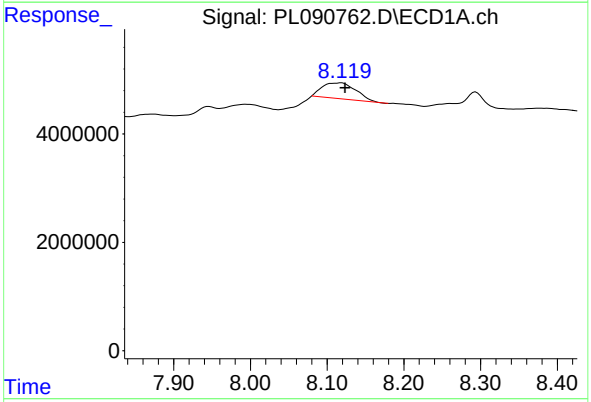
R.T.: 0.000 min
Exp R.T. : 7.649 min
Response: 0
Conc: N.D.

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



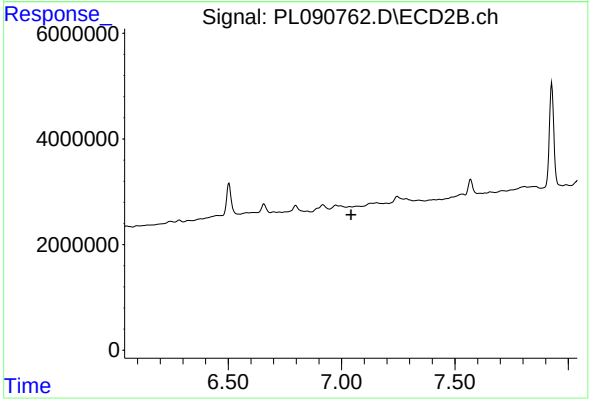

#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.012 min
Response: 33407
Conc: 0.02 ng/ml



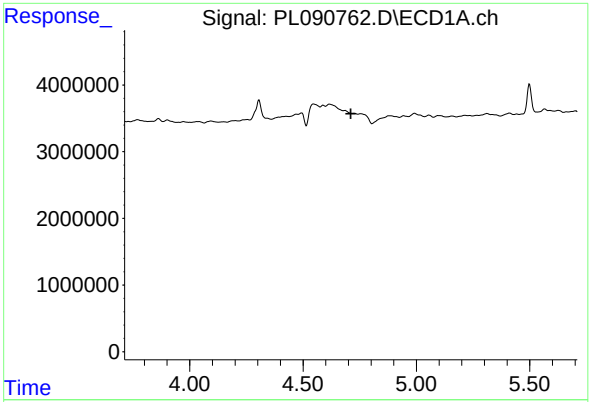

#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.008 min
Response: 8782338
Conc: 6.20 ng/ml




#22 Mirex

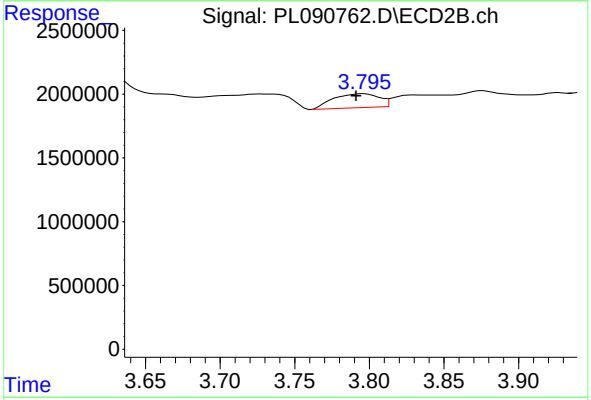
R.T.: 7.035 min
Delta R.T.: -0.007 min
Response: -114950
Conc: N.D.




#23 Chlordane-1

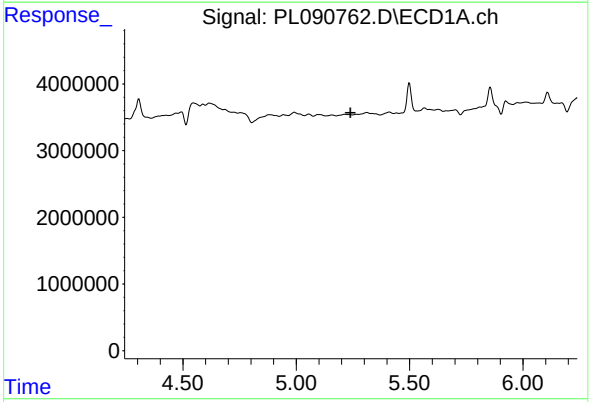
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.

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



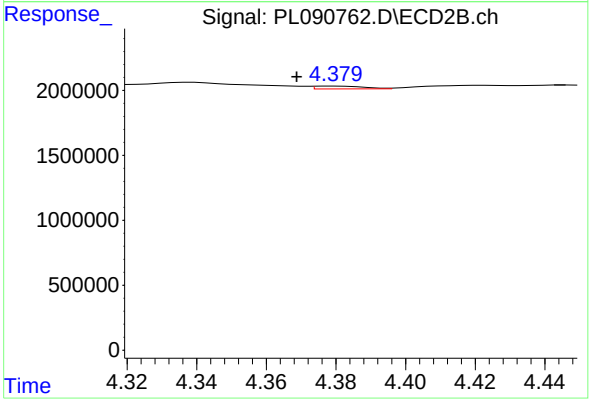

#23 Chlordane-1

R.T.: 3.796 min
Delta R.T.: 0.005 min
Response: 2324805
Conc: 37.55 ng/ml



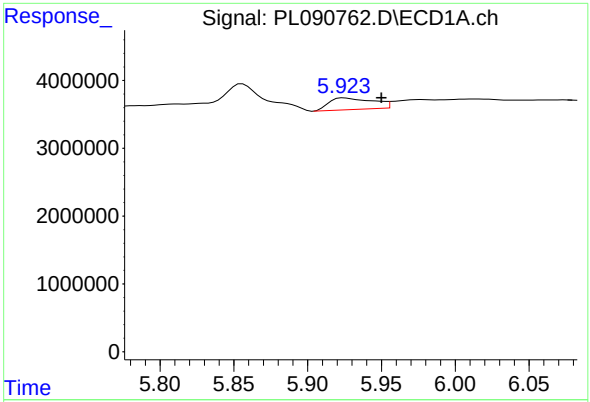

#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.240 min
Response: 0
Conc: N.D.




#24 Chlordane-2

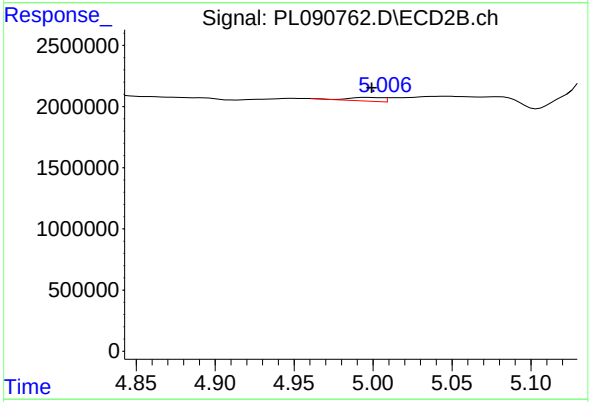
R.T.: 4.381 min
Delta R.T.: 0.012 min
Response: 215371
Conc: 2.84 ng/ml




#25 Chlordane-3

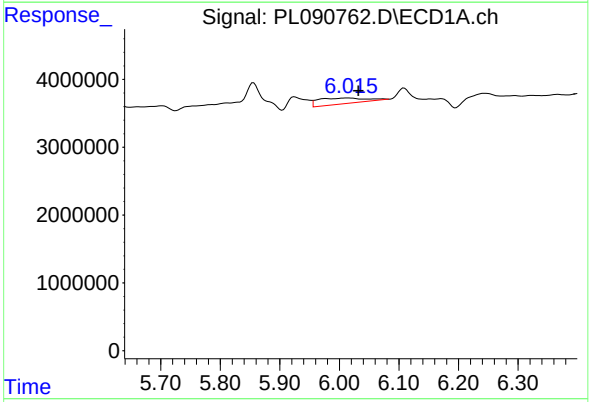
R.T.: 5.925 min
Delta R.T.: -0.025 min
Response: 3598049
Conc: 10.87 ng/ml

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



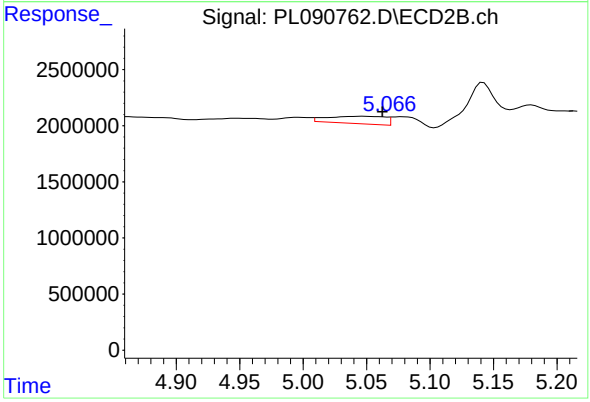

#25 Chlordane-3

R.T.: 4.995 min
Delta R.T.: -0.004 min
Response: 463566
Conc: 2.24 ng/ml



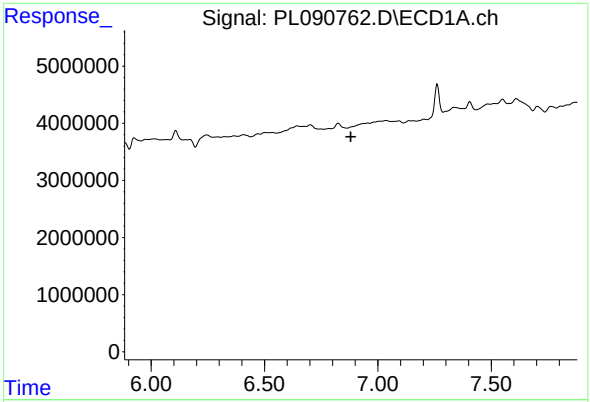

#26 Chlordane-4

R.T.: 6.015 min
Delta R.T.: -0.016 min
Response: 4788816
Conc: 12.02 ng/ml




#26 Chlordane-4

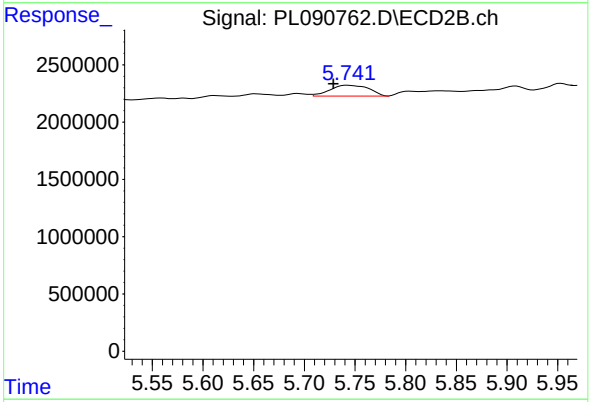
R.T.: 5.047 min
Delta R.T.: -0.016 min
Response: 2090984
Conc: 10.68 ng/ml




#27 Chlordane-5

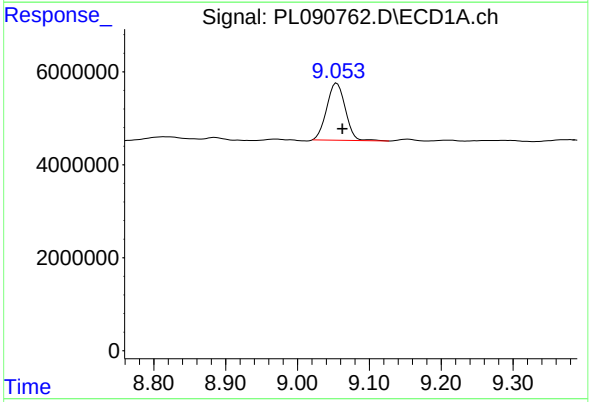
R.T.: 0.000 min
Exp R.T. : 6.880 min
Response: 0
Conc: N.D.

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



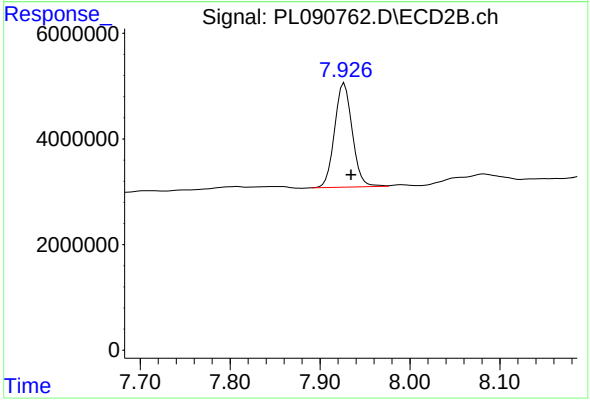

#27 Chlordane-5

R.T.: 5.743 min
Delta R.T.: 0.014 min
Response: 2511913
Conc: 41.67 ng/ml




#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: -0.008 min
Response: 22036408
Conc: 16.58 ng/ml




#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: -0.008 min
Response: 26922884
Conc: 18.46 ng/ml