Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112124\
Data File : PL093192.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2024 09:38
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 23:27:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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... | 3.537 | 2.774 | 54289131 | 57999896 | 22.157 | 21.314 | |
| 28) | SA Decachlor... | 9.059 | 7.915 | 36700568 | 58801566 | 19.070 | 21.545 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 3.993 | 3.277 | 38382980 | 40828139 | 11.317 | 10.232 | |
| 3) | MA gamma-BHC... | 4.326 | 3.607 | 35784703 | 38033474 | 10.978 | 9.855 | |
| 4) | MA Heptachlor | 0.000 | 3.958 | 0 | 63376 | N.D. | 0.017 | # |
| 5) | MB Aldrin | 0.000 | 4.241 | 0 | 188480 | N.D. | 0.051 | # |
| 6) | B beta-BHC | 4.524 | 3.907 | 16353660 | 18467367 | 11.314 | 11.218 | |
| 7) | B delta-BHC | 0.000 | 4.127 | 0 | 241085 | N.D. | 0.063 | # |
| 8) | B Heptachlo... | 0.000 | 4.725 | 0 | 186076 | N.D. | 0.056 | # |
| 10) | B gamma-Chl... | 0.000 | 4.980 | 0 | 1886132 | N.D. | 0.561 | # |
| 11) | B alpha-Chl... | 0.000 | 5.054 | 0 | 2592581 | N.D. | 0.779 | # |
| 12) | B 4,4'-DDE | 0.000 | 5.234 | 0 | 1054661 | N.D. | 0.327 | # |
| 13) | MA Dieldrin | 0.000 | 5.365 | 0 | 25307 | N.D. | 0.008 | # |
| 14) | MA Endrin | 6.574 | 5.639 | 96791653 | 141.9E6 | 42.515 | 49.047 | |
| 15) | B Endosulfa... | 0.000 | 5.945 | 0 | 2343458 | N.D. | 0.827 | # |
| 16) | A 4,4'-DDD | 6.710 | 5.787 | 5950463 | 10789078 | 3.100 | 4.333 | # |
| 17) | MA 4,4'-DDT | 7.024 | 6.038 | 178.3E6 | 284.0E6 | 86.168 | 105.863 | |
| 18) | B Endrin al... | 6.925 | 6.114 | 5644227 | 6968985 | 3.005 | 3.020 | |
| 19) | B Endosulfa... | 0.000 | 6.318f | 0 | 4122824 | N.D. | 1.529 | # |
| 20) | A Methoxychlor | 7.501 | 6.613 | 226.2E6 | 345.4E6 | 198.411 | 241.899 | |
| 21) | B Endrin ke... | 7.644 | 6.842 | 8476752 | 13581987 | 3.499 | 4.426 | # |
| 22) | Mirex | 0.000 | 7.032 | 0 | 3638626 | N.D. | 1.395 | # |
| 23) | Chlordane-1 | 0.000 | 3.808f | 0 | 207682 | N.D. | 1.956 | # |
| 25) | Chlordane-3 | 0.000 | 4.980 | 0 | 1886132 | N.D. | 5.200 | # |
| 26) | Chlordane-4 | 0.000 | 5.054 | 0 | 2592581 | N.D. | 7.411 | # |
| 27) | Chlordane-5 | 0.000 | 5.945 | 0 | 2343458 | N.D. | 18.480 | # |

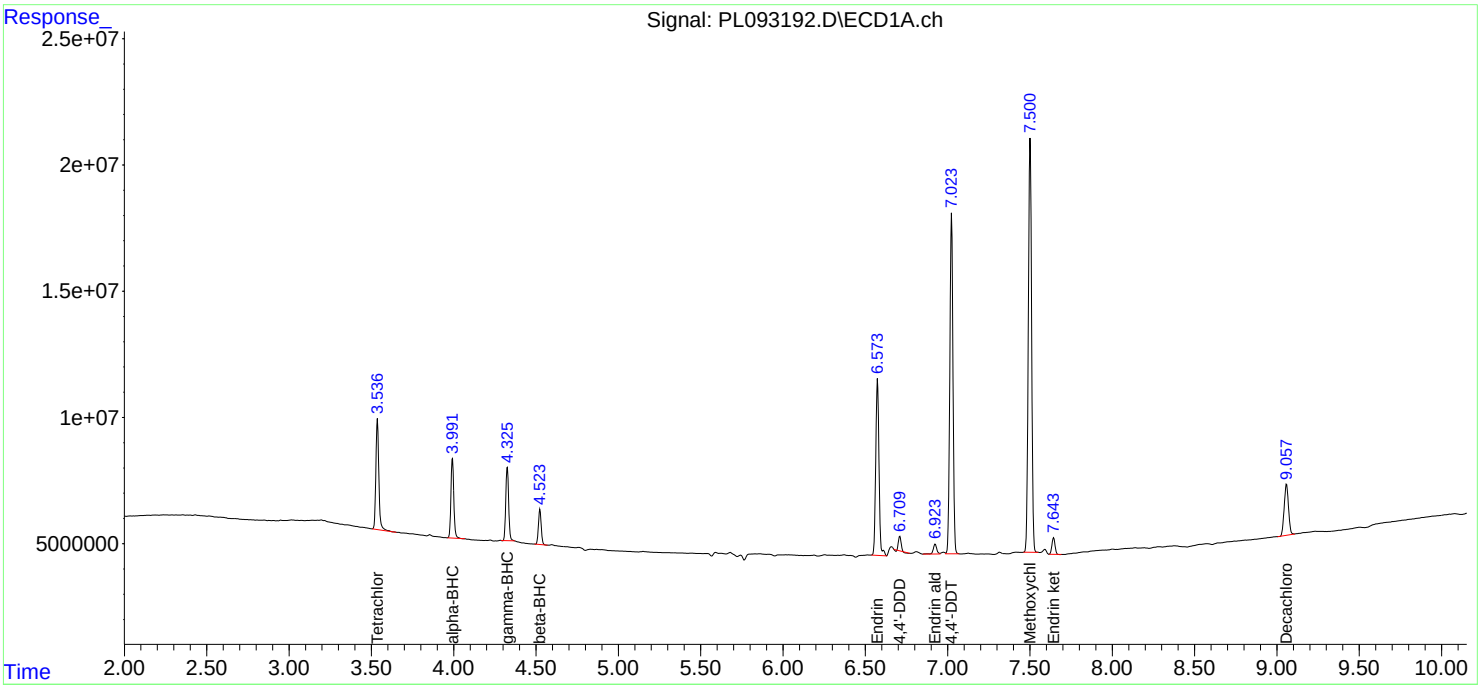
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

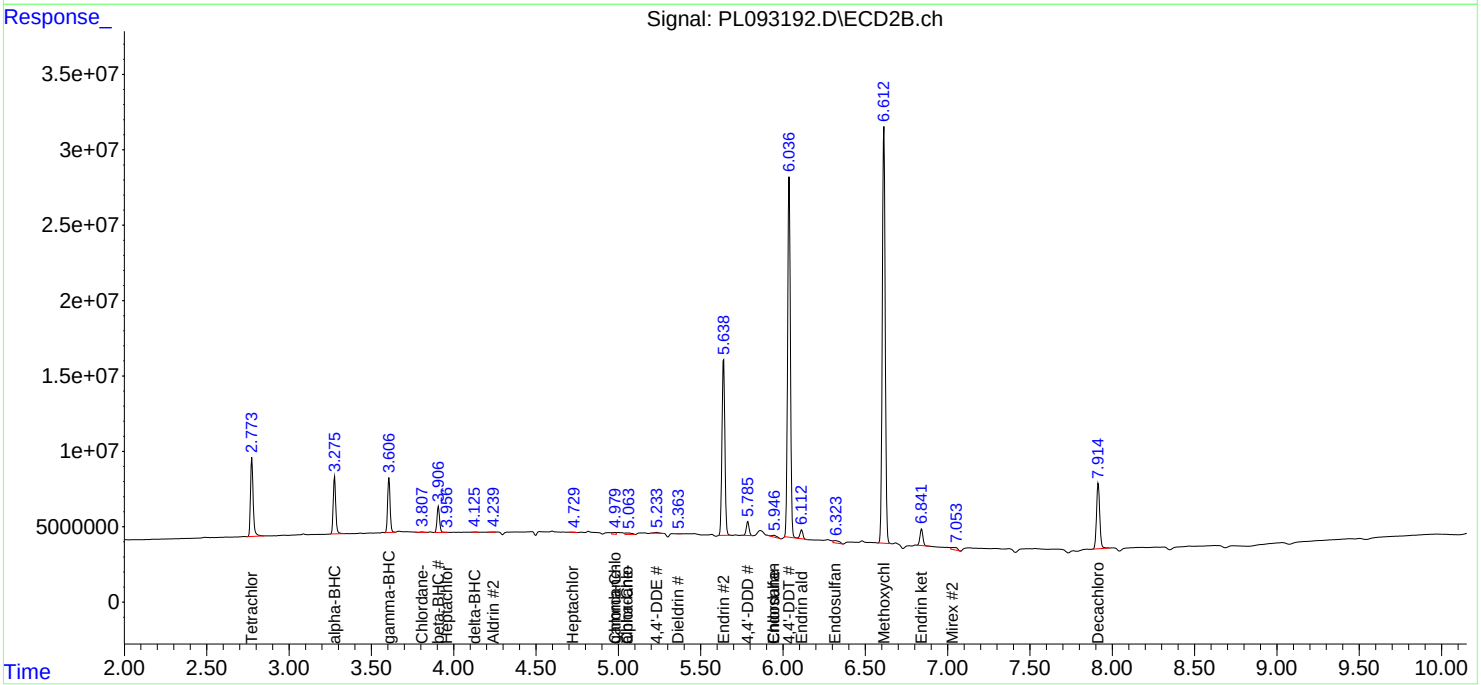
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112124\
Data File : PL093192.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2024 09:38
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

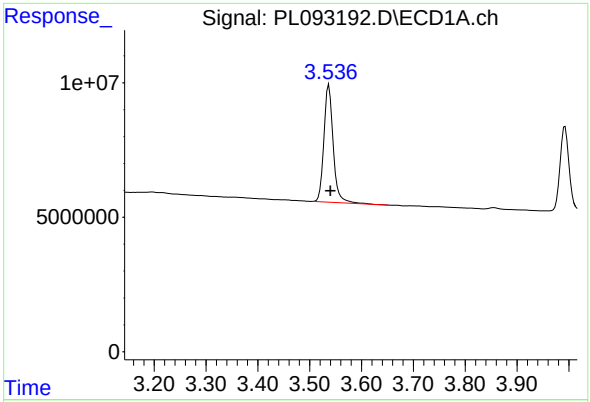
**Instrument :**
ECD_L
**ClientSampleId :**
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 23:27:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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



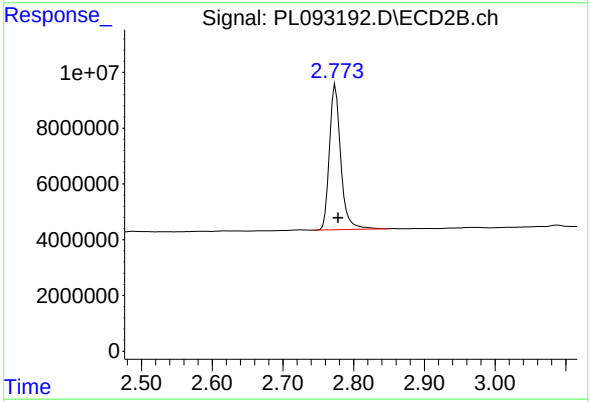






#1 Tetrachloro-m-xylene

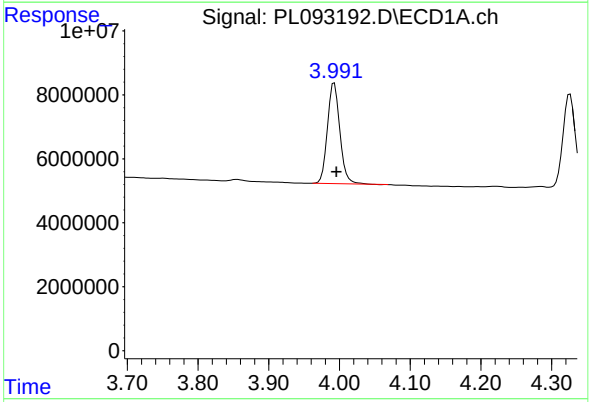
R.T.: 3.537 min
Delta R.T.: -0.003 min
Response: 54289131
Conc: 22.16 ng/ml

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



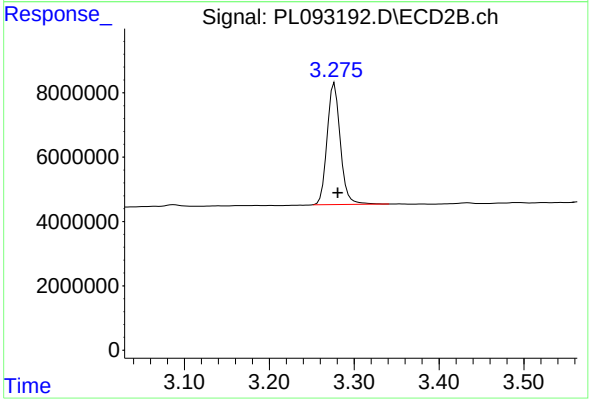

#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 57999896
Conc: 21.31 ng/ml



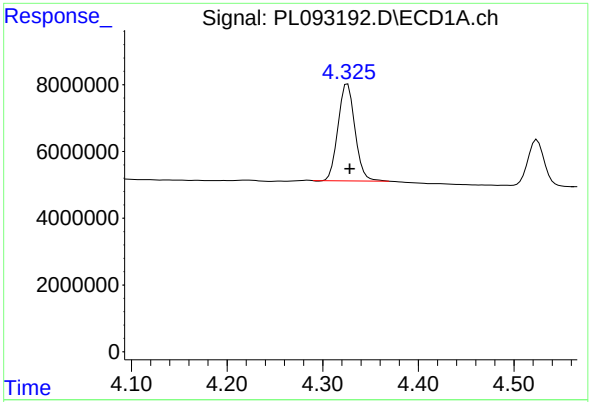

#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 38382980
Conc: 11.32 ng/ml




#2 alpha-BHC

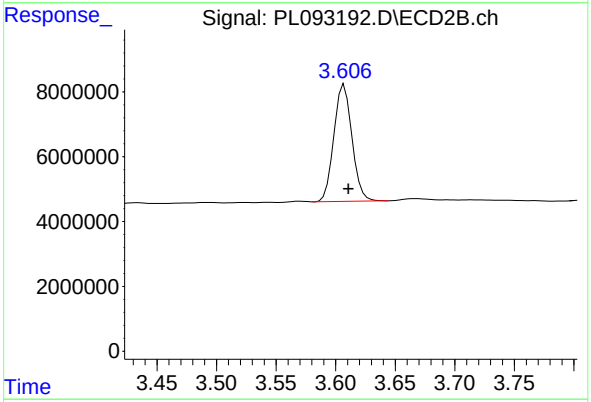
R.T.: 3.277 min
Delta R.T.: -0.004 min
Response: 40828139
Conc: 10.23 ng/ml




#3 gamma-BHC (Lindane)

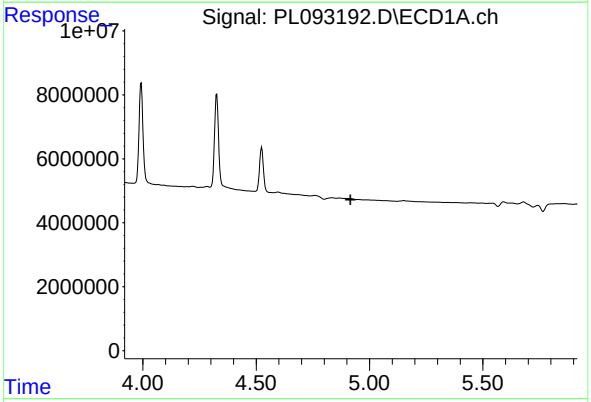
R.T.: 4.326 min
Delta R.T.: -0.002 min
Response: 35784703
Conc: 10.98 ng/ml

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



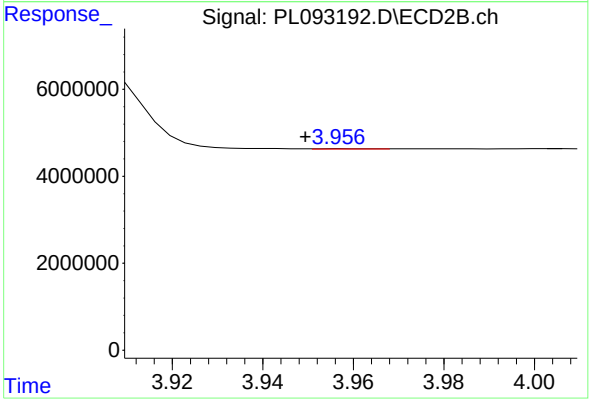

#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 38033474
Conc: 9.85 ng/ml



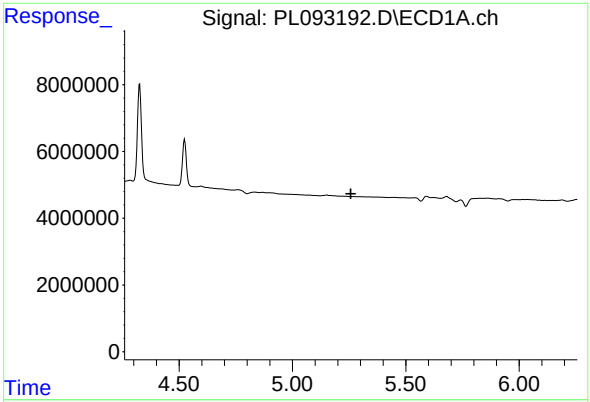

#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.917 min
Response: 0
Conc: N.D.




#4 Heptachlor

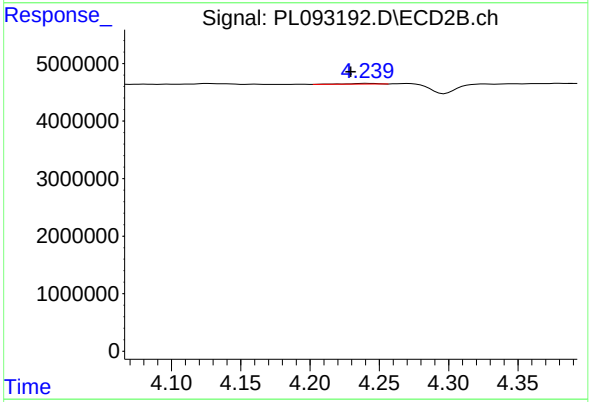
R.T.: 3.958 min
Delta R.T.: 0.008 min
Response: 63376
Conc: 0.02 ng/ml




#5 Aldrin

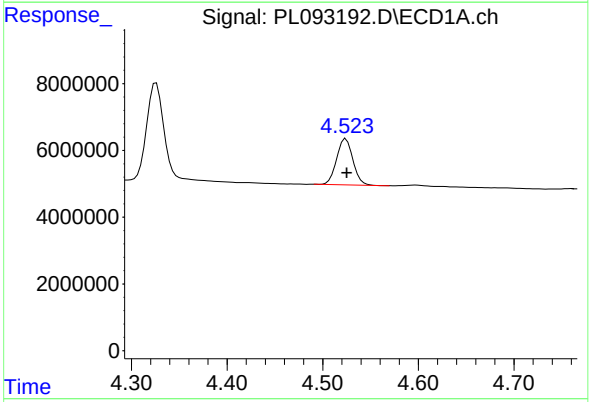
R.T.: 0.000 min
Exp R.T. : 5.258 min
Response: 0
Conc: N.D.

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



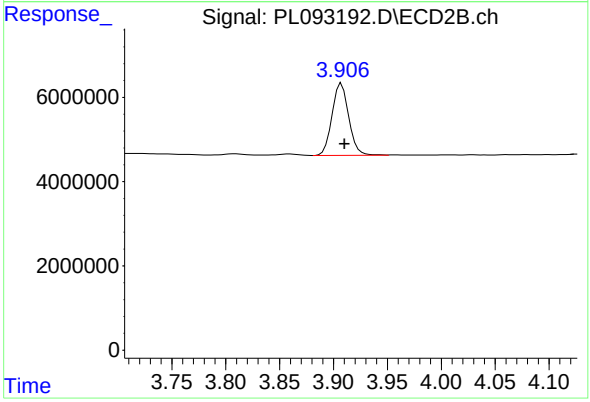

#5 Aldrin

R.T.: 4.241 min
Delta R.T.: 0.011 min
Response: 188480
Conc: 0.05 ng/ml



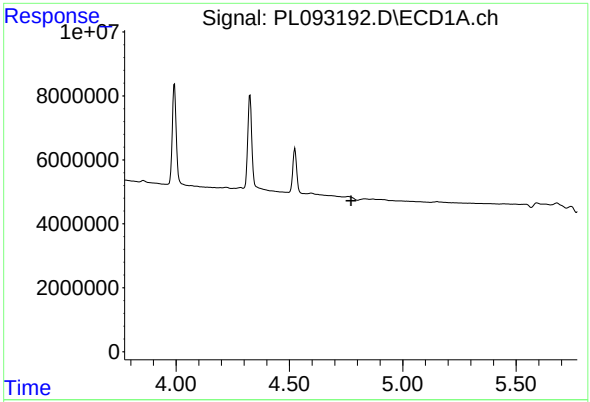

#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 16353660
Conc: 11.31 ng/ml




#6 beta-BHC

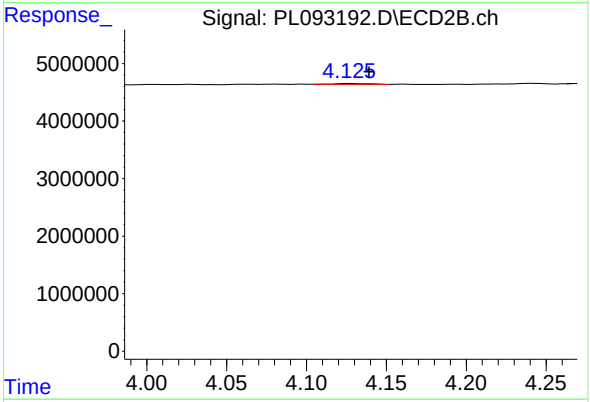
R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 18467367
Conc: 11.22 ng/ml




#7 delta-BHC

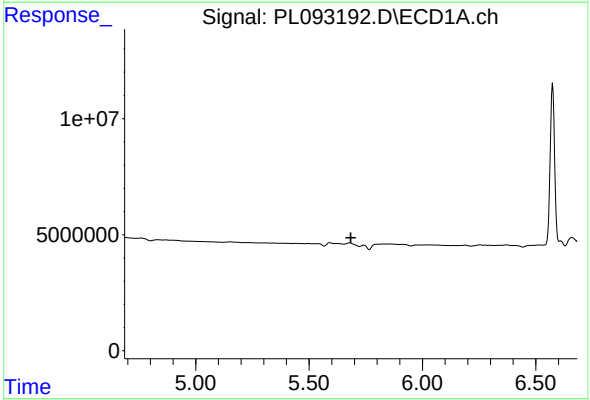
R.T.: 0.000 min
Exp R.T. : 4.772 min
Response: 0
Conc: N.D.

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



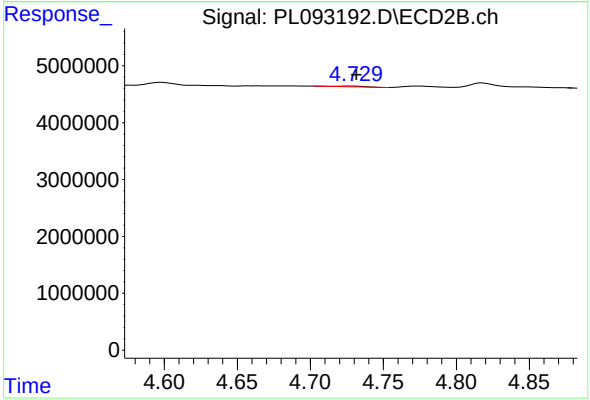

#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.012 min
Response: 241085
Conc: 0.06 ng/ml



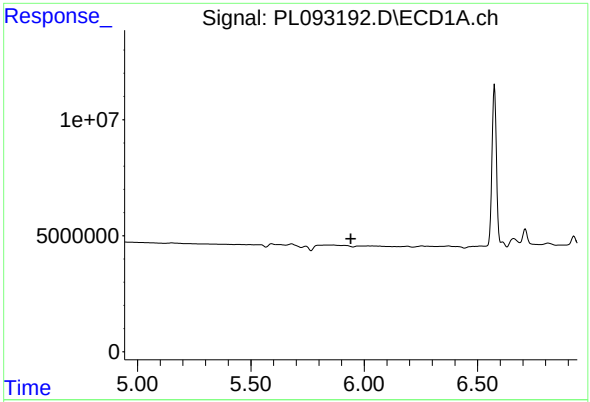

#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.




#8 Heptachlor epoxide

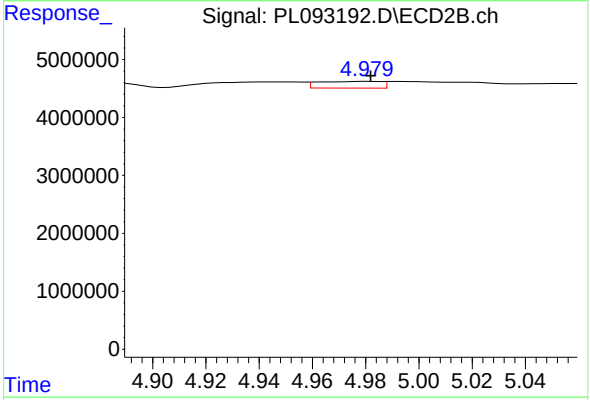
R.T.: 4.725 min
Delta R.T.: -0.006 min
Response: 186076
Conc: 0.06 ng/ml




#10 gamma-Chlordane

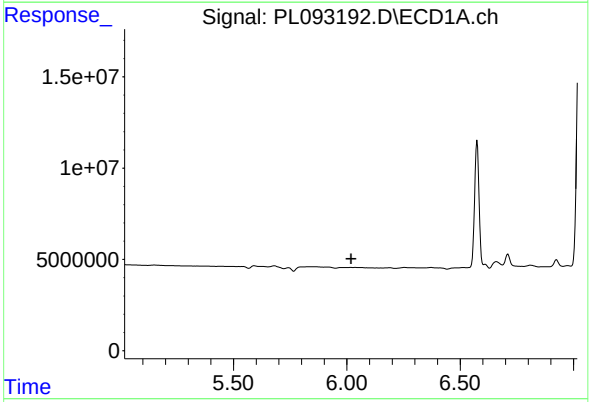
R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.

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



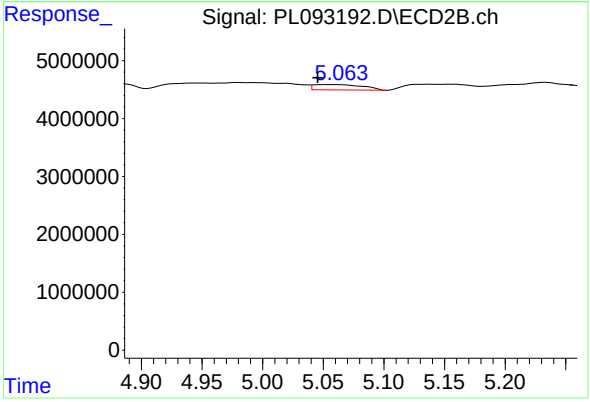

#10 gamma-Chlordane

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 1886132
Conc: 0.56 ng/ml



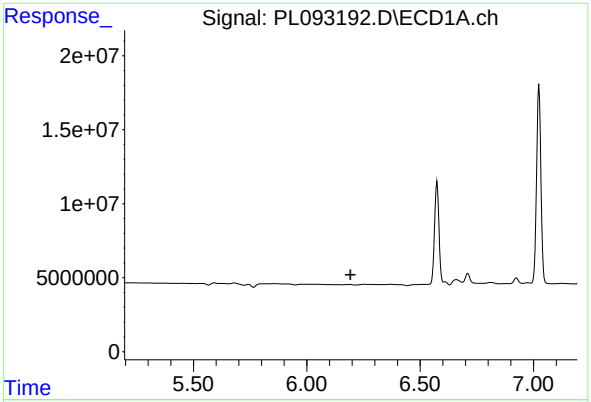

#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.019 min
Response: 0
Conc: N.D.




#11 alpha-Chlordane

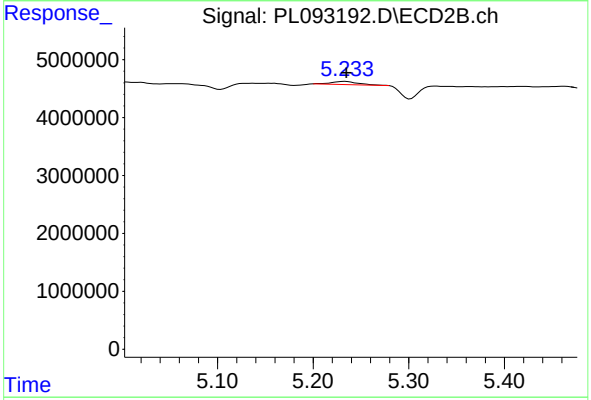
R.T.: 5.054 min
Delta R.T.: 0.008 min
Response: 2592581
Conc: 0.78 ng/ml




#12 4,4'-DDE

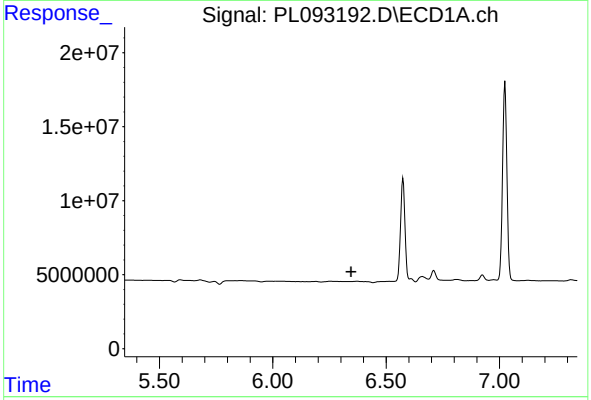
R.T.: 0.000 min
Exp R.T. : 6.193 min
Response: 0
Conc: N.D.

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



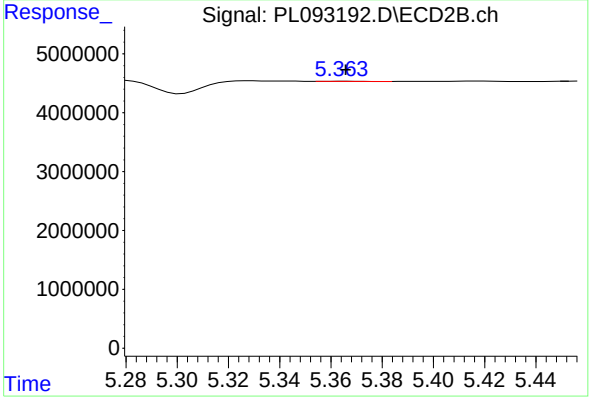

#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 1054661
Conc: 0.33 ng/ml



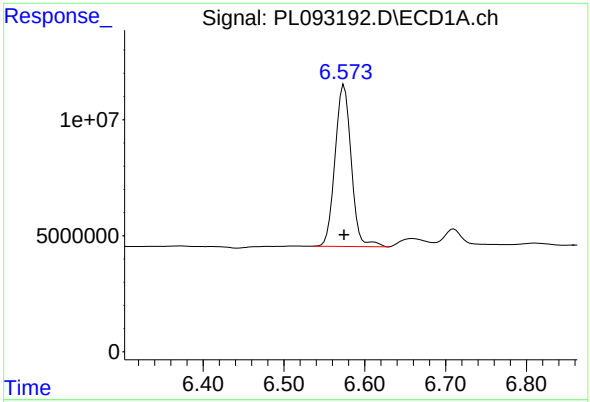

#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.345 min
Response: 0
Conc: N.D.




#13 Dieldrin

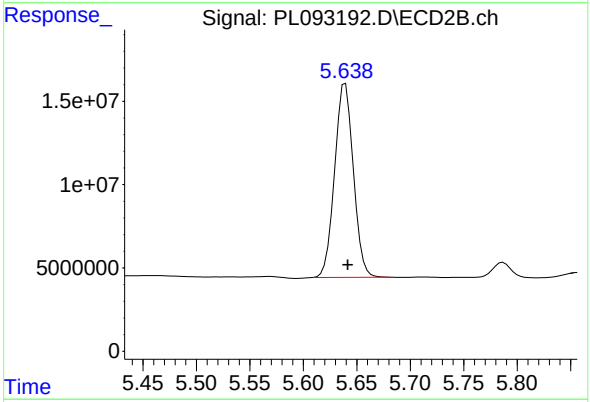
R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 25307
Conc: 0.01 ng/ml




#14 Endrin

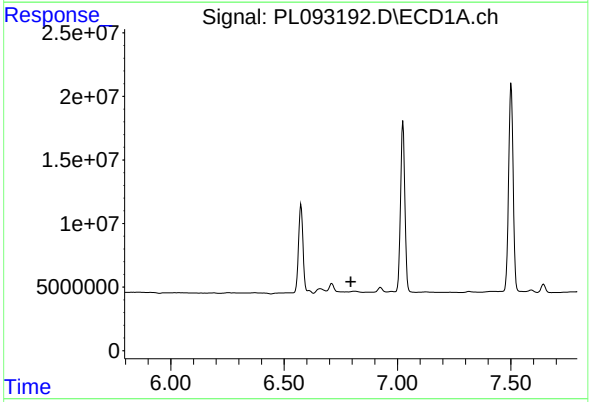
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 96791653
Conc: 42.51 ng/ml

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



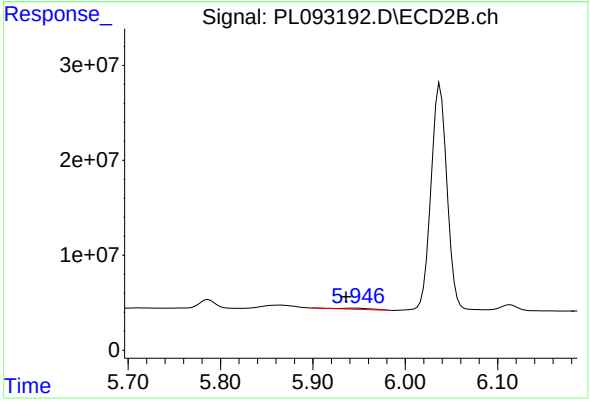

#14 Endrin

R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 141894616
Conc: 49.05 ng/ml



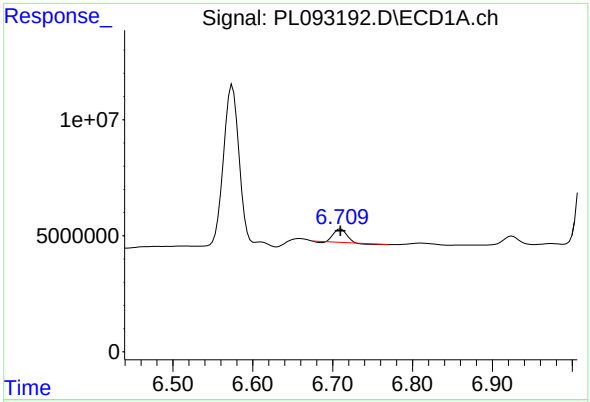

#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.794 min
Response: 0
Conc: N.D.




#15 Endosulfan II

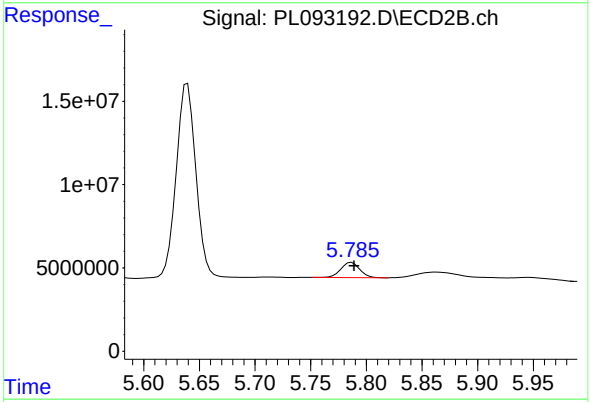
R.T.: 5.945 min
Delta R.T.: 0.009 min
Response: 2343458
Conc: 0.83 ng/ml




#16 4,4'-DDD

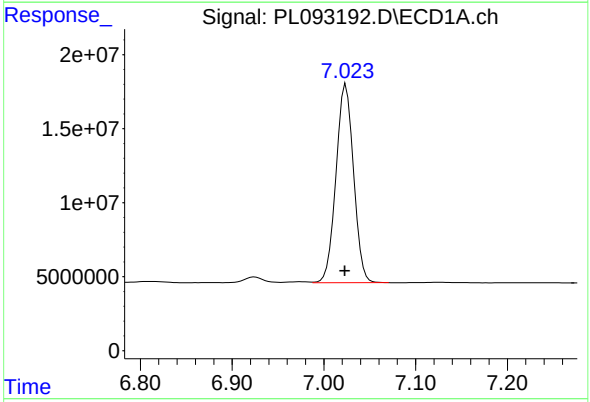
R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 5950463
Conc: 3.10 ng/ml

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



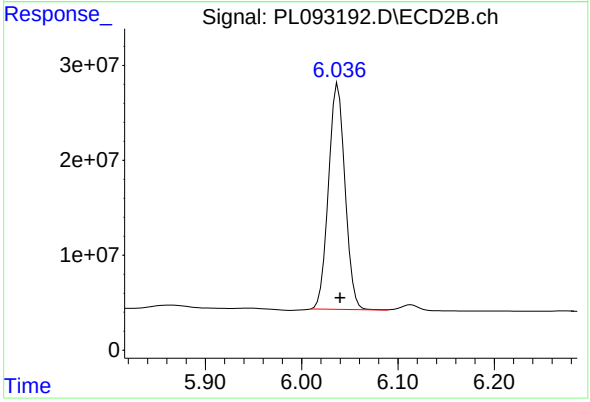

#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 10789078
Conc: 4.33 ng/ml



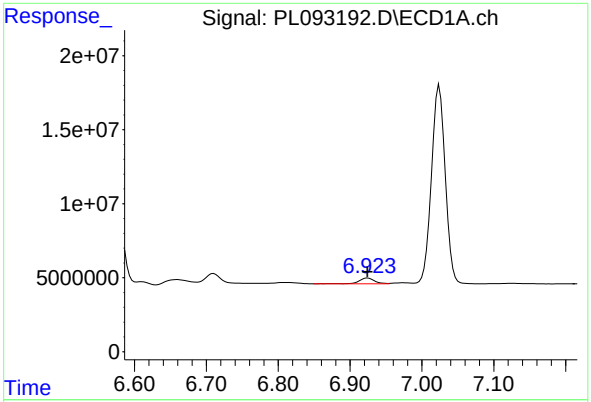

#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.001 min
Response: 178346105
Conc: 86.17 ng/ml




#17 4,4'-DDT

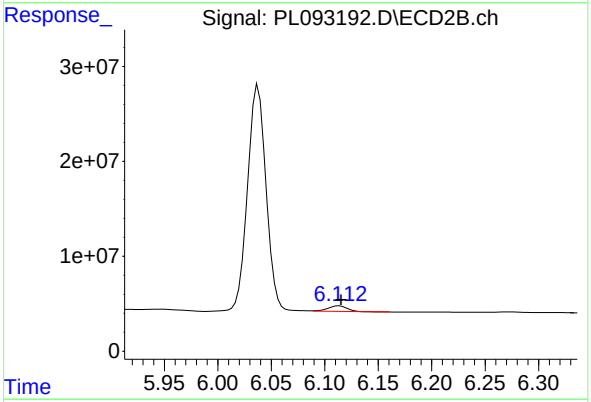
R.T.: 6.038 min
Delta R.T.: -0.002 min
Response: 283952661
Conc: 105.86 ng/ml




#18 Endrin aldehyde

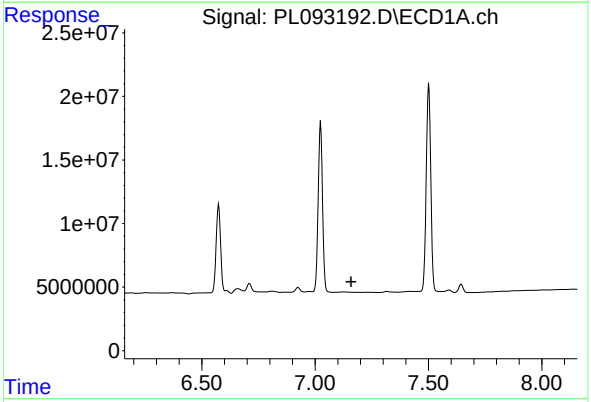
R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 5644227
Conc: 3.01 ng/ml

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



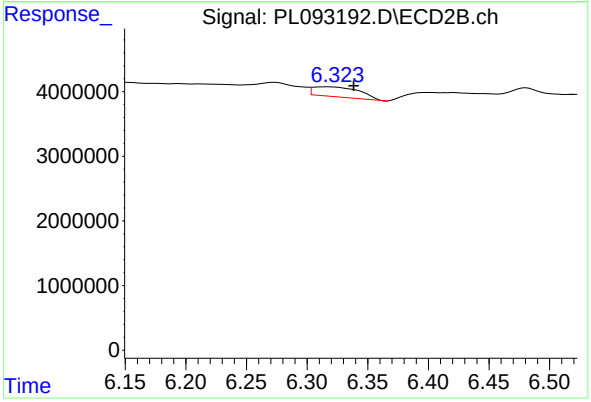

#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: -0.002 min
Response: 6968985
Conc: 3.02 ng/ml



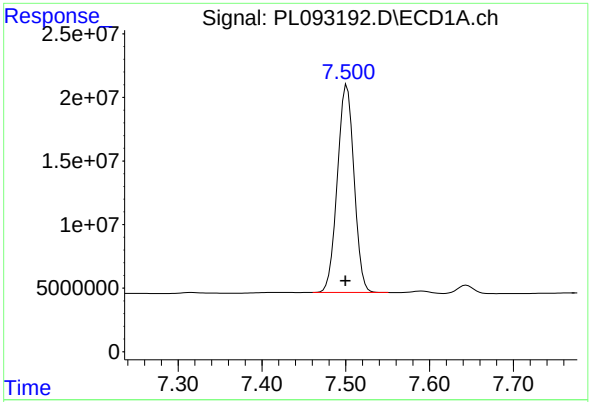

#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.158 min
Response: 0
Conc: N.D.




#19 Endosulfan Sulfate

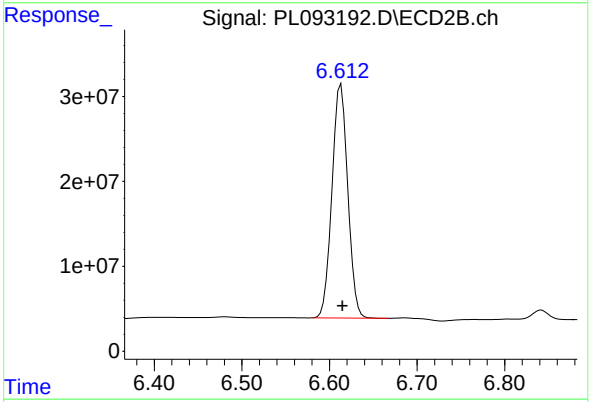
R.T.: 6.318 min
Delta R.T.: -0.020 min
Response: 4122824
Conc: 1.53 ng/ml




#20 Methoxychlor

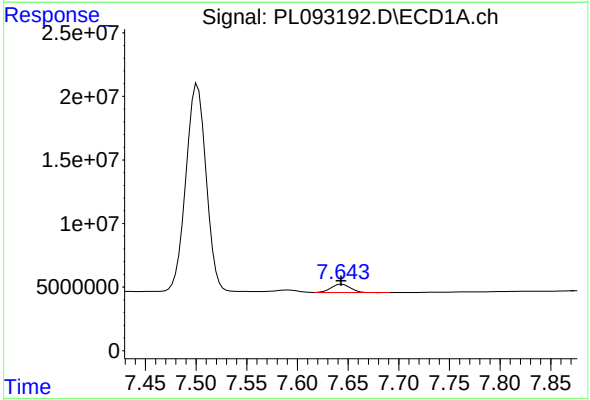
R.T.: 7.501 min
Delta R.T.: 0.002 min
Response: 226188522
Conc: 198.41 ng/ml

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



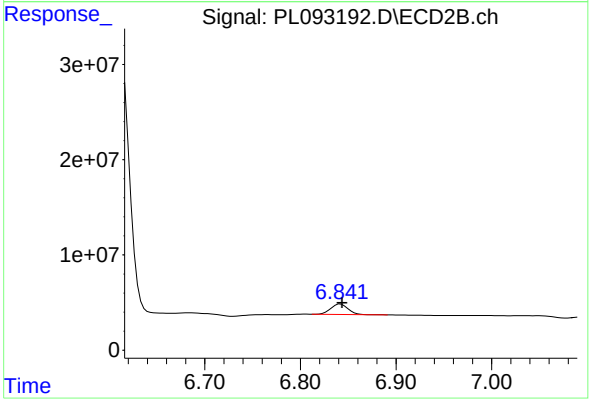

#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 345438385
Conc: 241.90 ng/ml



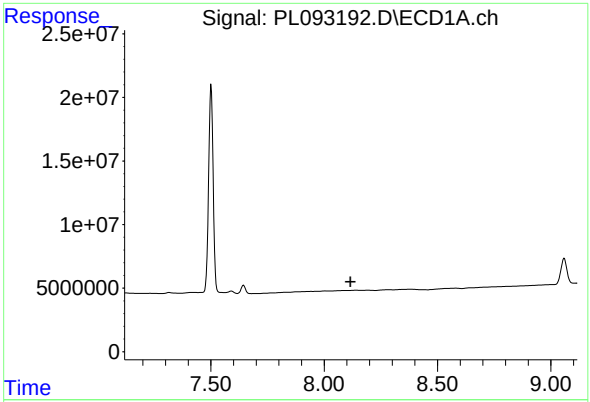

#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 8476752
Conc: 3.50 ng/ml




#21 Endrin ketone

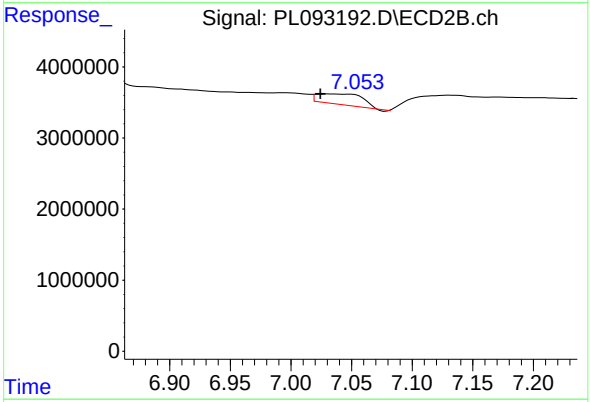
R.T.: 6.842 min
Delta R.T.: -0.001 min
Response: 13581987
Conc: 4.43 ng/ml




#22 Mirex

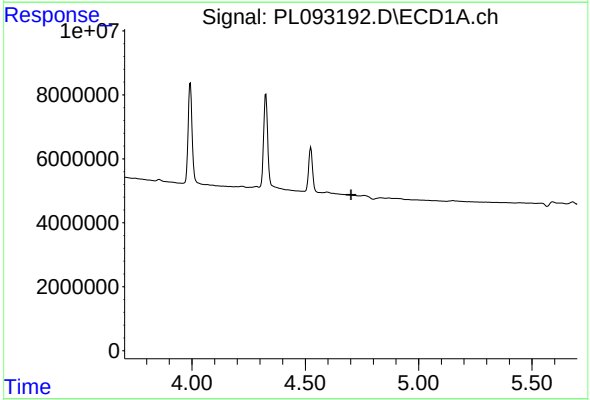
R.T.: 0.000 min
Exp R.T. : 8.116 min
Response: 0
Conc: N.D.

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



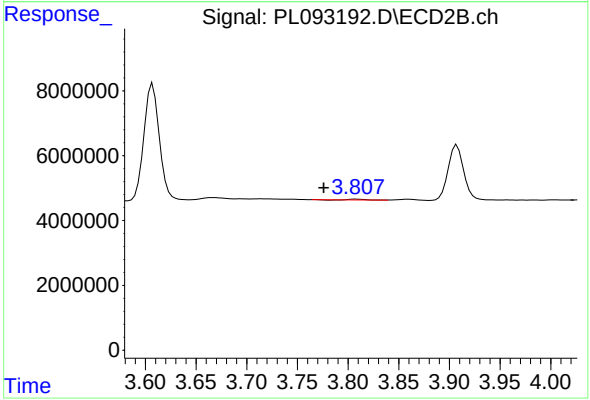

#22 Mirex

R.T.: 7.032 min
Delta R.T.: 0.008 min
Response: 3638626
Conc: 1.39 ng/ml



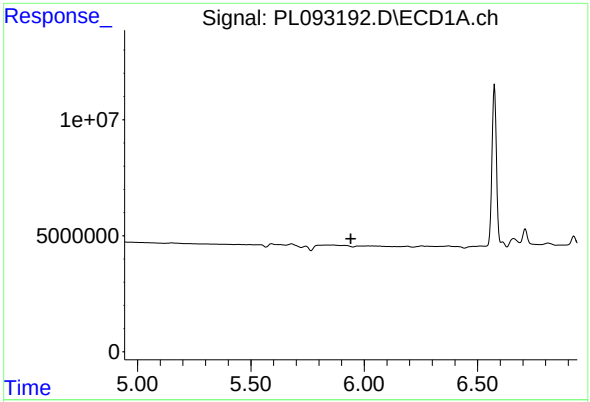

#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.702 min
Response: 0
Conc: N.D.




#23 Chlordane-1

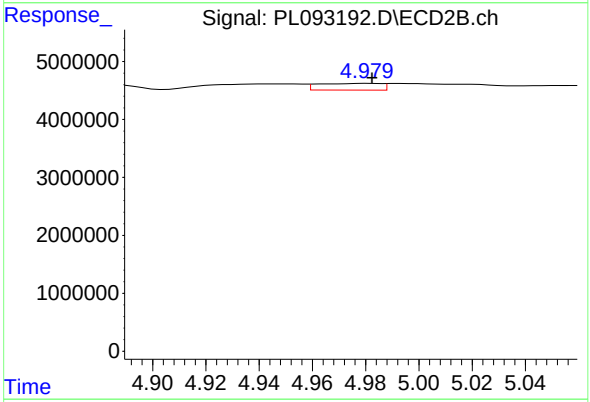
R.T.: 3.808 min
Delta R.T.: 0.032 min
Response: 207682
Conc: 1.96 ng/ml




#25 Chlordane-3

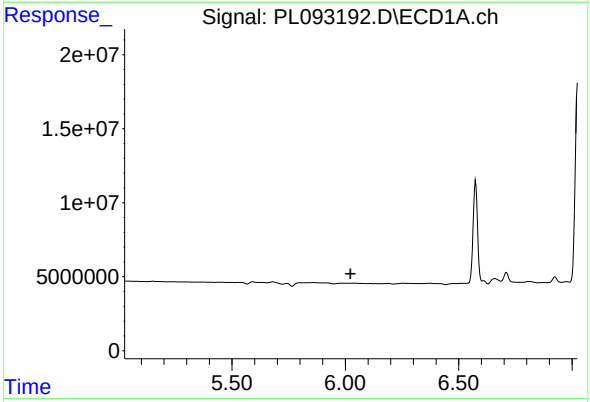
R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.

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



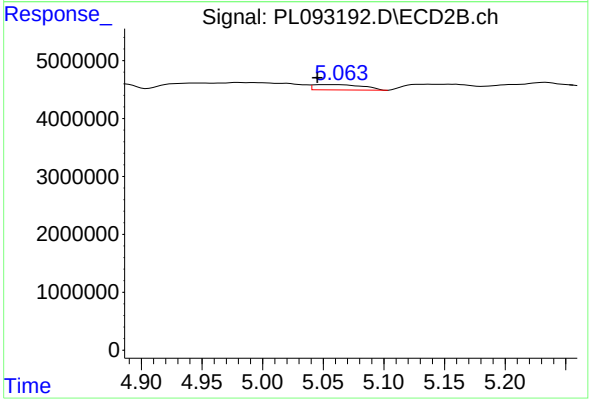

#25 Chlordane-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 1886132
Conc: 5.20 ng/ml



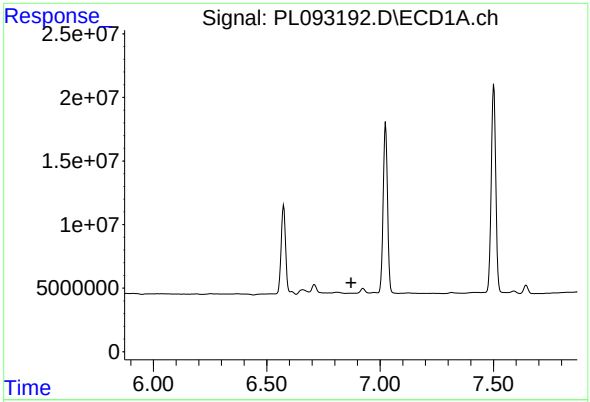

#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.023 min
Response: 0
Conc: N.D.




#26 Chlordane-4

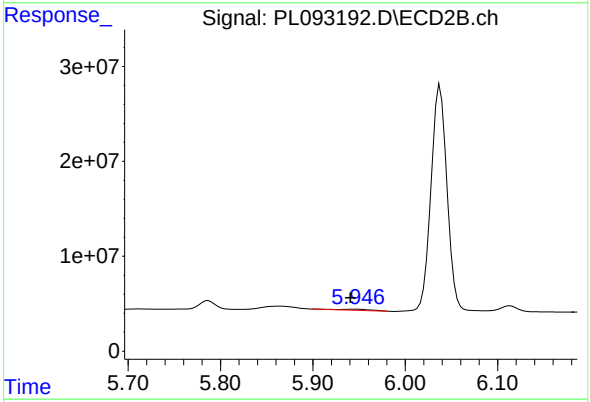
R.T.: 5.054 min
Delta R.T.: 0.009 min
Response: 2592581
Conc: 7.41 ng/ml




#27 Chlordane-5

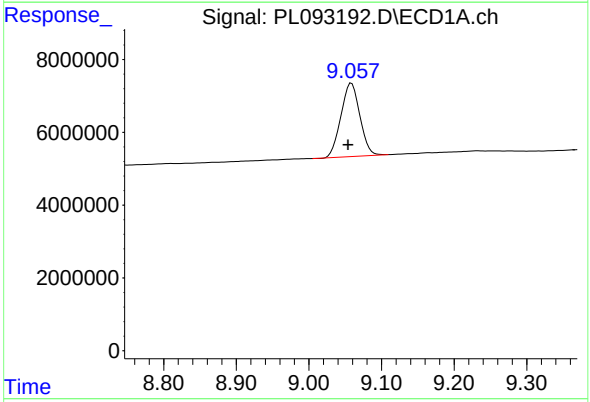
R.T.: 0.000 min
Exp R.T. : 6.872 min
Response: 0
Conc: N.D.

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



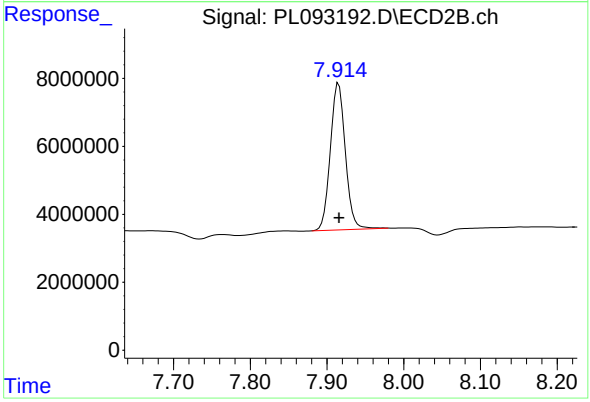

#27 Chlordane-5

R.T.: 5.945 min
Delta R.T.: 0.005 min
Response: 2343458
Conc: 18.48 ng/ml




#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.005 min
Response: 36700568
Conc: 19.07 ng/ml




#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 58801566
Conc: 21.55 ng/ml