Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
Data File : PL081011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Feb 2023 17:44
Operator : AR\AJ
Sample : 01587-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 17 22:14:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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... | 3.353 | 2.687 | 21117037 | 23074111 | 9.846 | 10.505 | |
| 28) | SA Decachlor... | 8.791 | 7.832 | 21224870 | 24645660 | 12.123 | 10.344 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 3.787 | 3.210f | 324672 | -239218 | 0.102 | N.D. | # |
| 3) | MA gamma-BHC... | 4.137 | 0.000 | 284477 | 0 | 0.097 | N.D. | # |
| 4) | MA Heptachlor | 4.692f | 3.858 | 1223932 | 419191 | 0.414 | 0.132 | # |
| 5) | MB Aldrin | 5.076f | 4.145 | 349419 | 243932 | 0.128 | 0.083 | # |
| 6) | B beta-BHC | 4.346f | 3.822 | -518332 | 743867 | N.D. | 0.557 | |
| 7) | B delta-BHC | 4.568 | 4.049 | 1480505 | 71709 | 0.511 | 0.025 | # |
| 8) | B Heptachlo... | 5.476 | 4.650 | 1437086 | 20590 | 0.555 | 0.007 | # |
| 9) | A Endosulfan I | 0.000 | 5.020 | 0 | 685956 | N.D. | 0.264 | # |
| 10) | B gamma-Chl... | 5.731 | 4.915f | 1020557 | 1248123 | 0.404 | 0.440 | |
| 11) | B alpha-Chl... | 5.815 | 4.948 | 2244663 | 1956205 | 0.889 | 0.683 | |
| 12) | B 4,4'-DDE | 5.994 | 5.144 | -439822 | 1122238 | N.D. | 0.476 | |
| 13) | MA Dieldrin | 6.135 | 5.275 | 121417 | 1746150 | 0.051 | 0.646 | # |
| 14) | MA Endrin | 6.364 | 5.560 | 368620 | 145500 | 0.170 | 0.063 | # |
| 15) | B Endosulfa... | 6.570 | 5.838 | 243106 | 136236 | 0.106 | 0.065 | # |
| 16) | A 4,4'-DDD | 6.514 | 5.698 | 609117 | -140039 | 0.332 | N.D. | # |
| 17) | MA 4,4'-DDT | 6.815 | 5.946 | 1290267 | 1399496 | 0.621 | 0.666 | |
| 18) | B Endrin al... | 0.000 | 6.020 | 0 | 9538 | N.D. | 0.005 | # |
| 19) | B Endosulfa... | 0.000 | 6.242 | 0 | 180377 | N.D. | 0.078 | # |
| 21) | B Endrin ke... | 7.407f | 6.784f | 462522 | 276212 | 0.210 | 0.108 | # |
| 23) | Chlordane-1 | 0.000 | 3.678 | 0 | 2370587 | N.D. | 29.113 | # |
| 24) | Chlordane-2 | 5.025 | 4.258 | 1080575 | 600245 | 11.204 | 6.658 | # |
| 25) | Chlordane-3 | 5.731 | 4.915f | 1020557 | 1248123 | 3.020 | 4.732 | # |
| 26) | Chlordane-4 | 5.815 | 4.948 | 2244663 | 1956205 | 5.203 | 7.264 | # |
| 27) | Chlordane-5 | 0.000 | 5.624 | 0 | 449400 | N.D. | 6.316 | # |

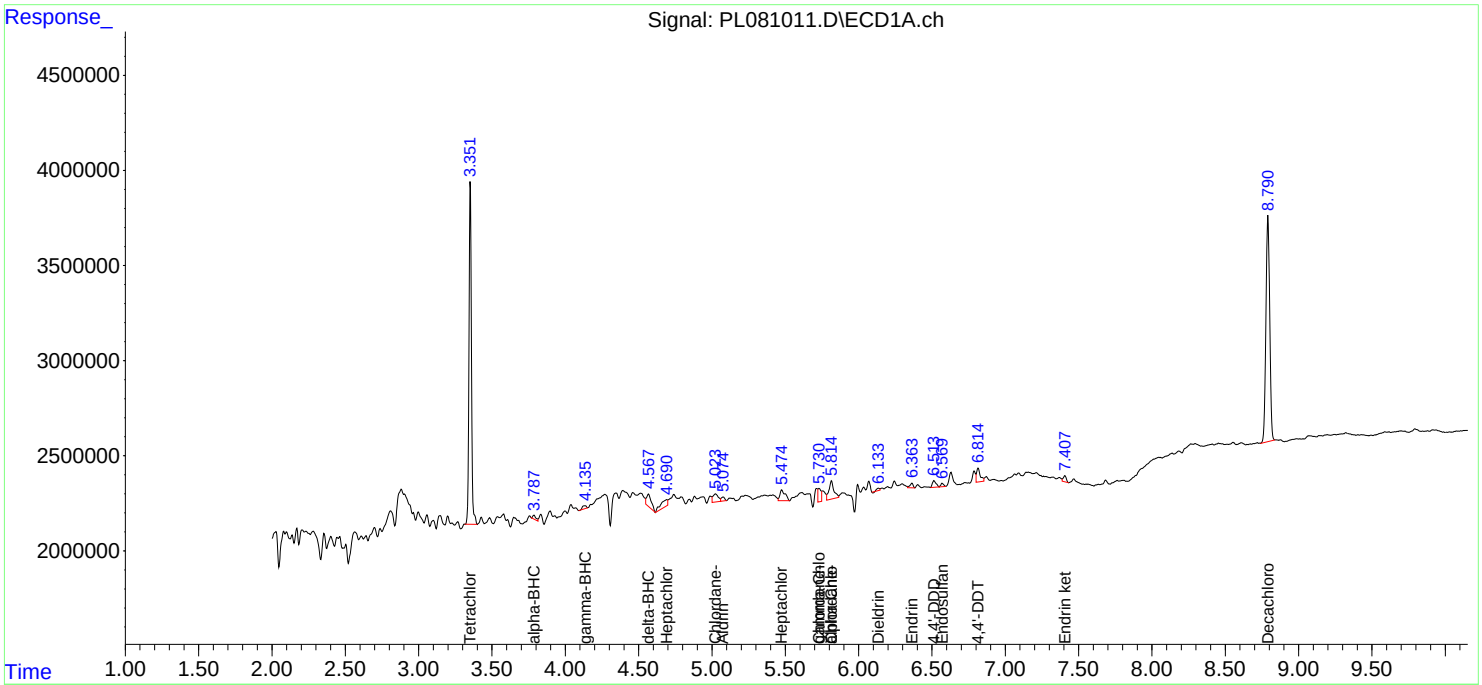
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

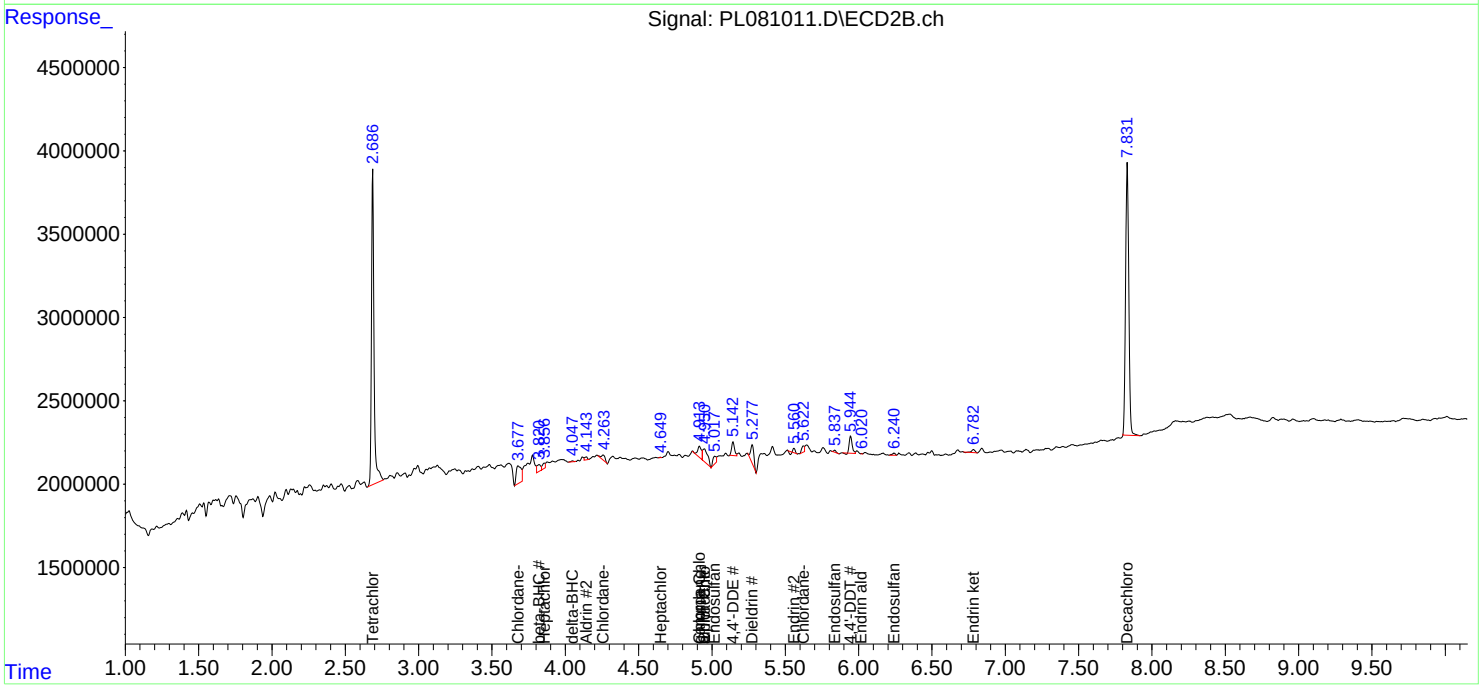
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
Data File : PL081011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Feb 2023 17:44
Operator : AR\AJ
Sample : 01587-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

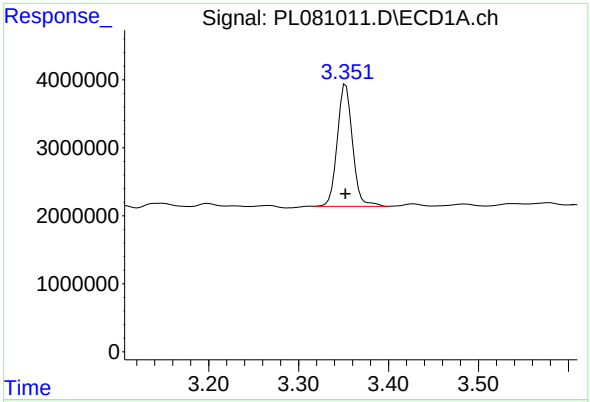
**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 17 22:14:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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



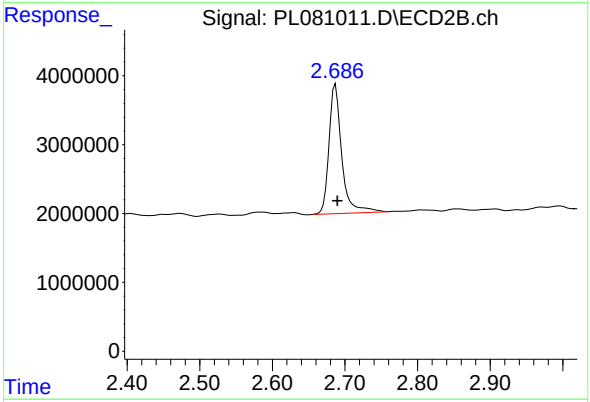






#1 Tetrachloro-m-xylene

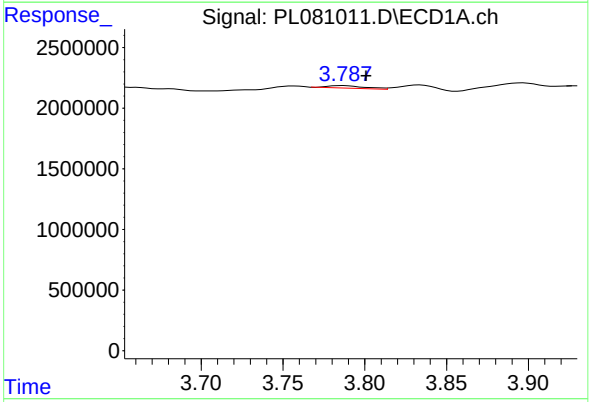
R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 21117037
Conc: 9.85 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023



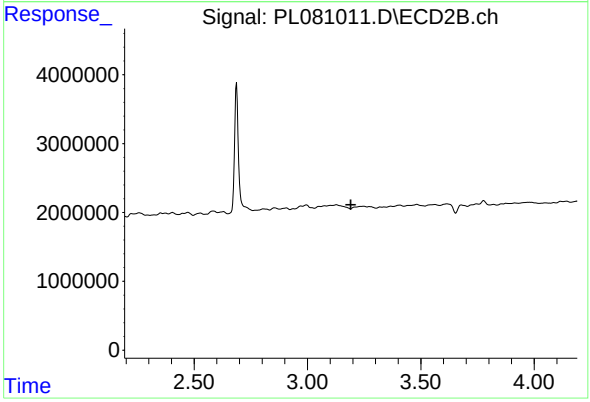

#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.003 min
Response: 23074111
Conc: 10.51 ng/ml



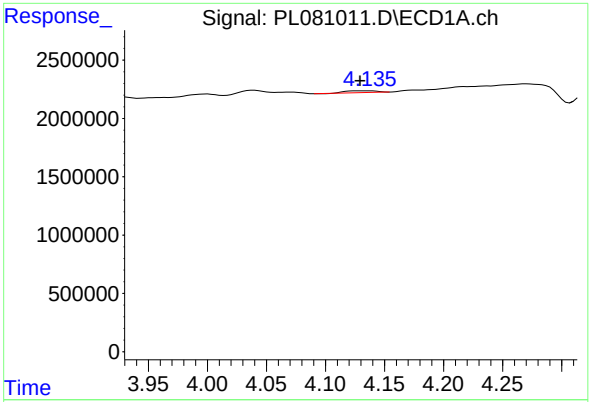

#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: -0.014 min
Response: 324672
Conc: 0.10 ng/ml




#2 alpha-BHC

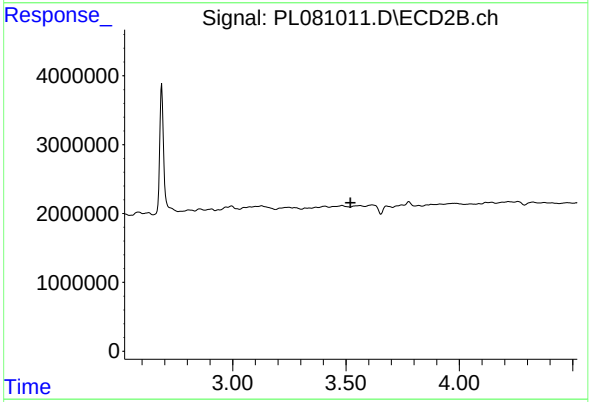
R.T.: 3.210 min
Delta R.T.: 0.019 min
Response: -239218
Conc: N.D.




#3 gamma-BHC (Lindane)

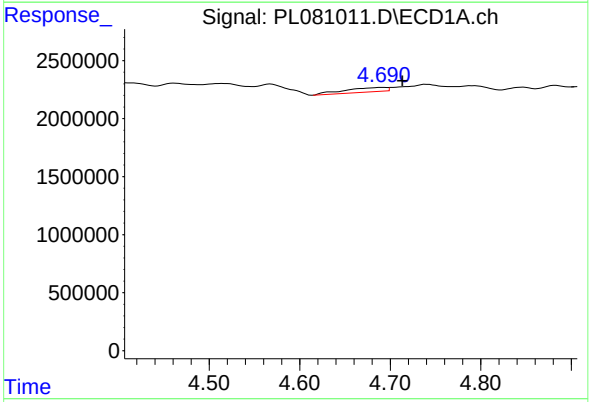
R.T.: 4.137 min
Delta R.T.: 0.007 min
Response: 284477
Conc: 0.10 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023



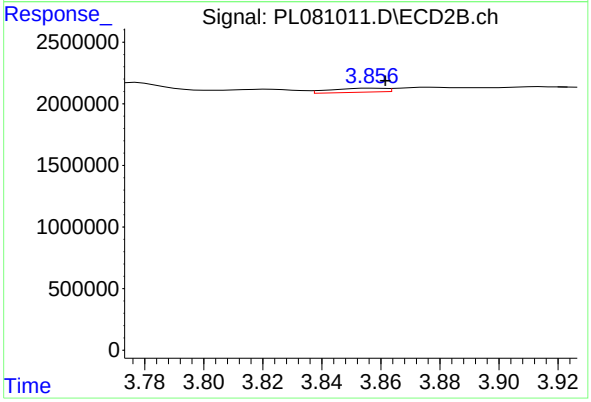

#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 3.520 min
Response: 0
Conc: N.D.



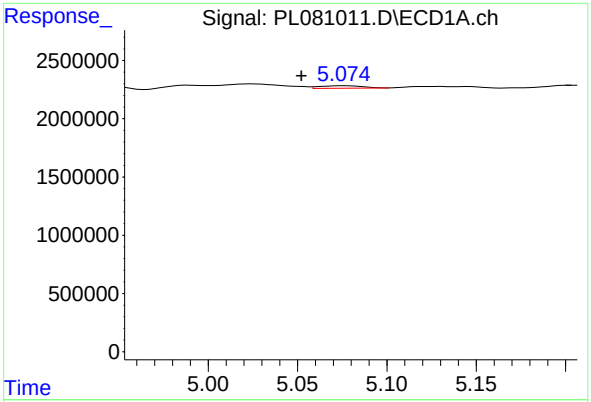

#4 Heptachlor

R.T.: 4.692 min
Delta R.T.: -0.022 min
Response: 1223932
Conc: 0.41 ng/ml




#4 Heptachlor

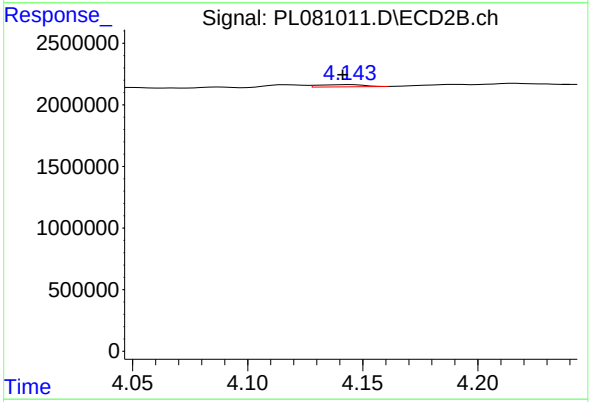
R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 419191
Conc: 0.13 ng/ml




#5 Aldrin

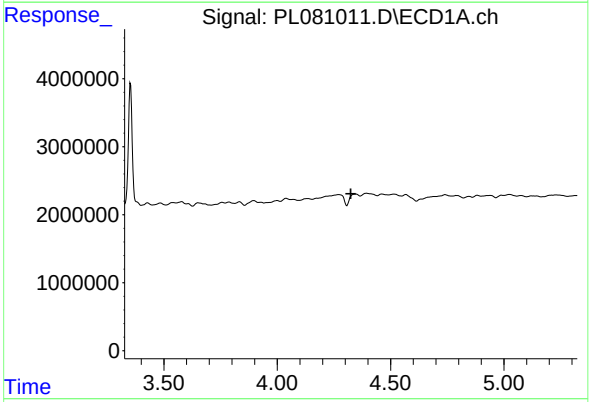
R.T.: 5.076 min
Delta R.T.: 0.024 min
Response: 349419
Conc: 0.13 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023



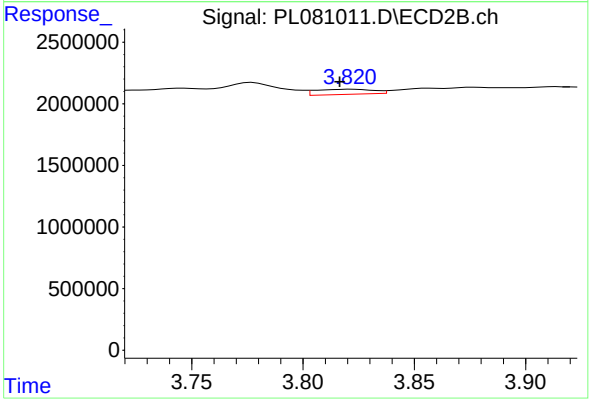

#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.004 min
Response: 243932
Conc: 0.08 ng/ml



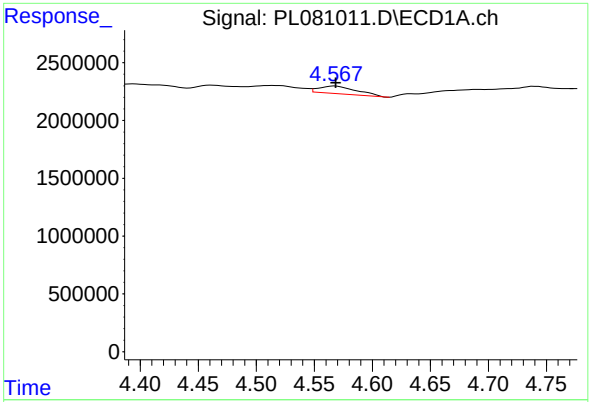

#6 beta-BHC

R.T.: 4.346 min
Delta R.T.: 0.021 min
Response: -518332
Conc: N.D.




#6 beta-BHC

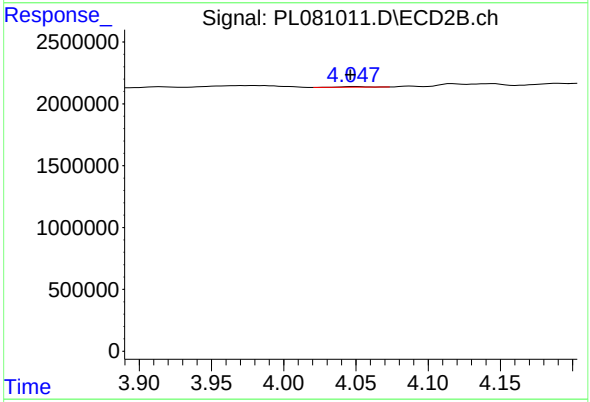
R.T.: 3.822 min
Delta R.T.: 0.006 min
Response: 743867
Conc: 0.56 ng/ml




#7 delta-BHC

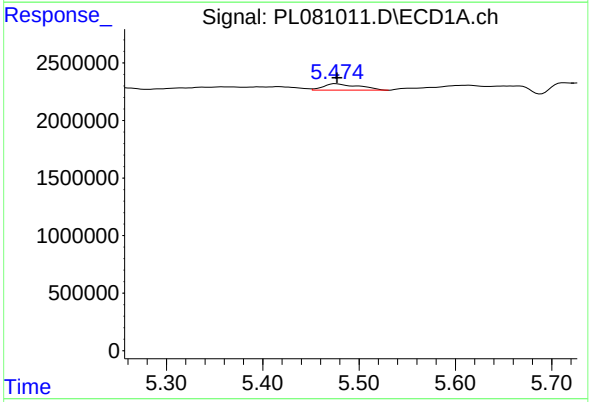
R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 1480505
Conc: 0.51 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023



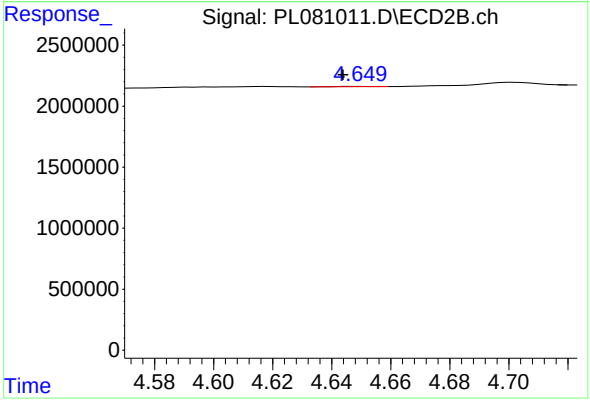

#7 delta-BHC

R.T.: 4.049 min
Delta R.T.: 0.003 min
Response: 71709
Conc: 0.02 ng/ml



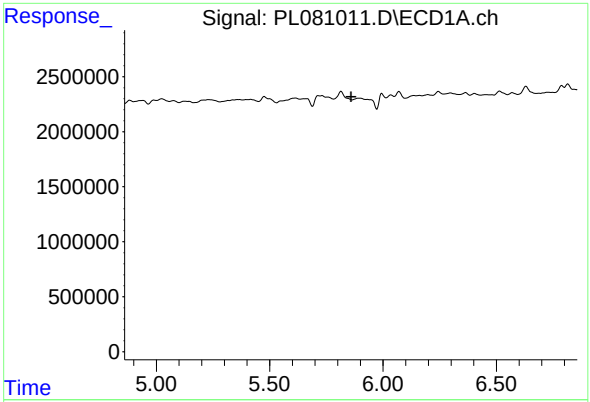

#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 1437086
Conc: 0.56 ng/ml




#8 Heptachlor epoxide

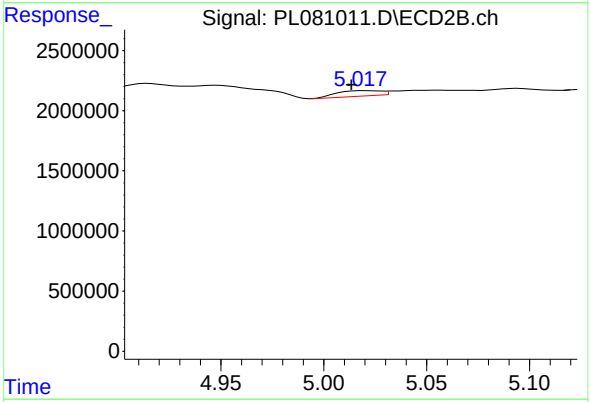
R.T.: 4.650 min
Delta R.T.: 0.006 min
Response: 20590
Conc: 0.01 ng/ml




#9 Endosulfan I

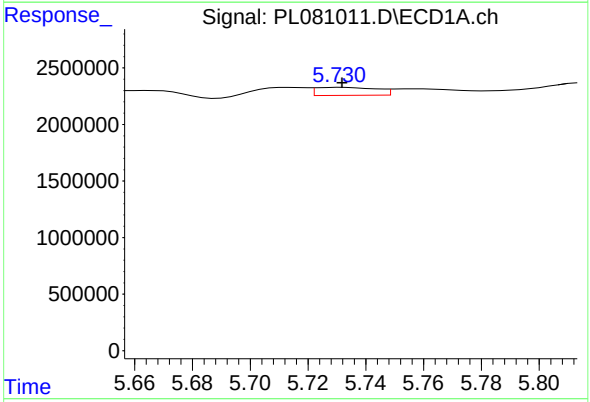
R.T.: 0.000 min
Exp R.T. : 5.859 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023



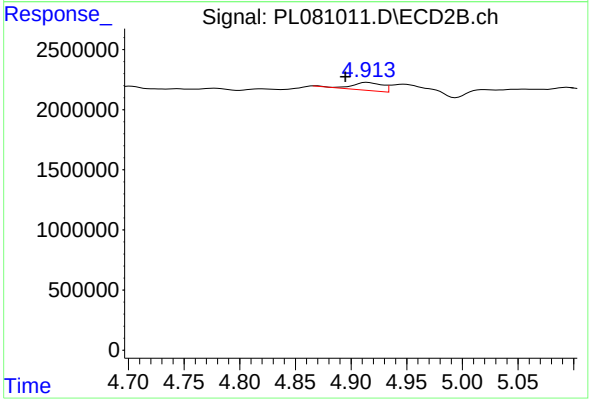

#9 Endosulfan I

R.T.: 5.020 min
Delta R.T.: 0.006 min
Response: 685956
Conc: 0.26 ng/ml



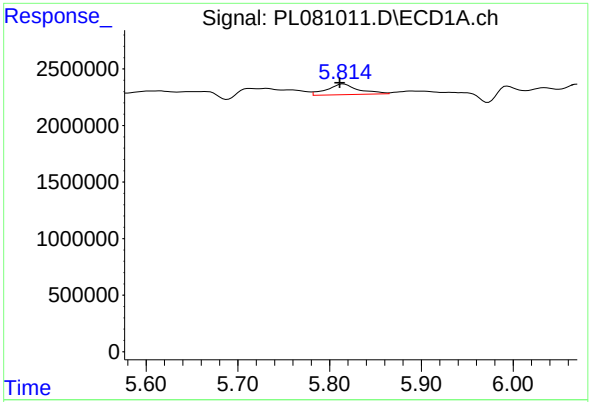

#10 gamma-Chlordane

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 1020557
Conc: 0.40 ng/ml




#10 gamma-Chlordane

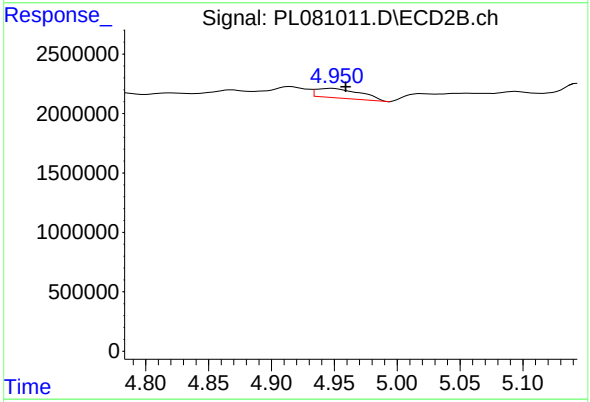
R.T.: 4.915 min
Delta R.T.: 0.020 min
Response: 1248123
Conc: 0.44 ng/ml




#11 alpha-Chlordane

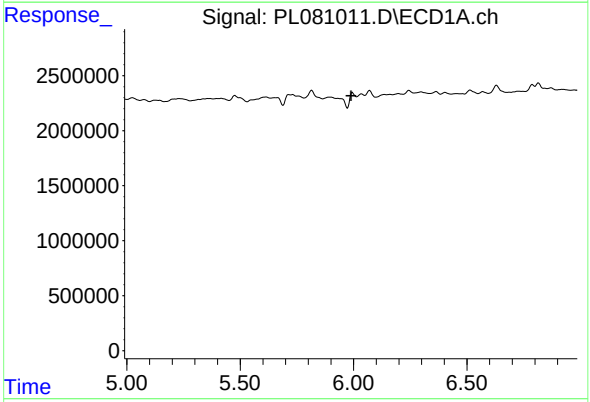
R.T.: 5.815 min
Delta R.T.: 0.004 min
Response: 2244663
Conc: 0.89 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023



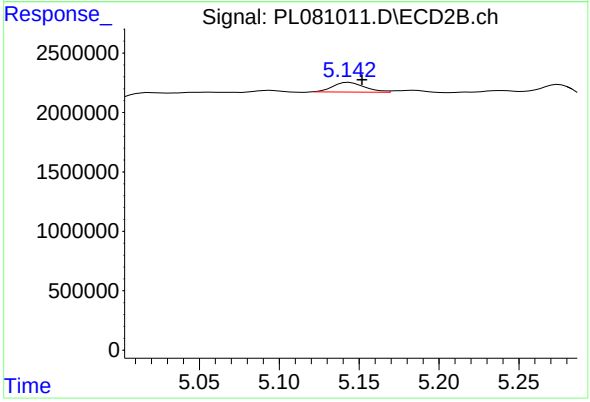

#11 alpha-Chlordane

R.T.: 4.948 min
Delta R.T.: -0.011 min
Response: 1956205
Conc: 0.68 ng/ml



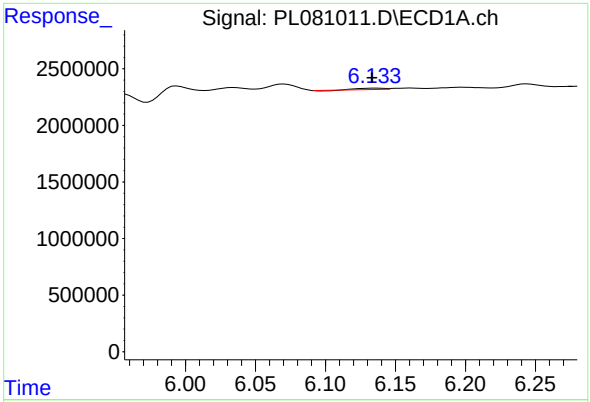

#12 4,4'-DDE

R.T.: 5.994 min
Delta R.T.: 0.005 min
Response: -439822
Conc: N.D.




#12 4,4'-DDE

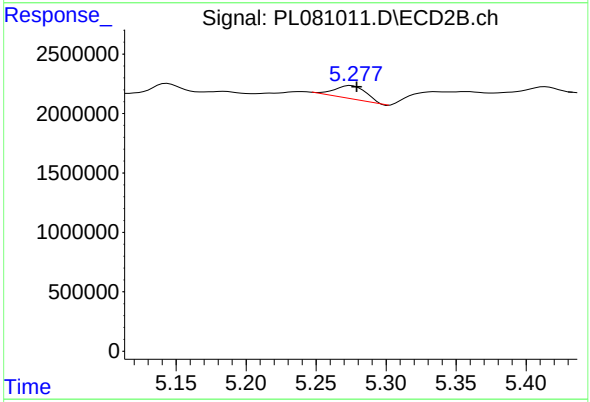
R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 1122238
Conc: 0.48 ng/ml




#13 Dieldrin

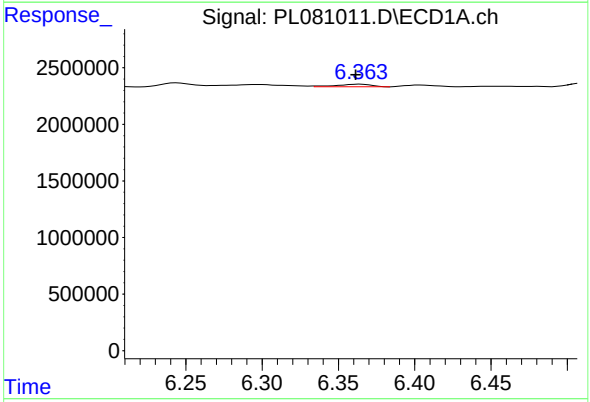
R.T.: 6.135 min
Delta R.T.: 0.002 min
Response: 121417
Conc: 0.05 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023



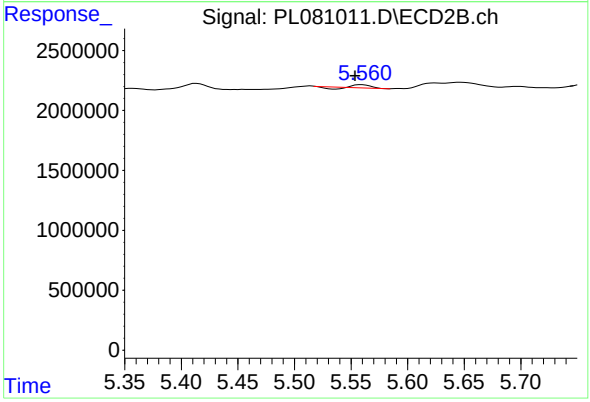

#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 1746150
Conc: 0.65 ng/ml



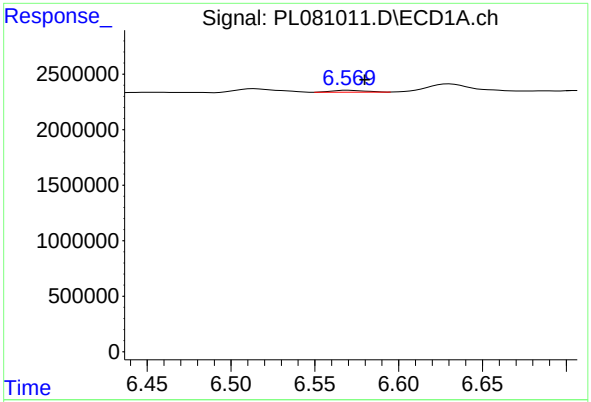

#14 Endrin

R.T.: 6.364 min
Delta R.T.: 0.003 min
Response: 368620
Conc: 0.17 ng/ml




#14 Endrin

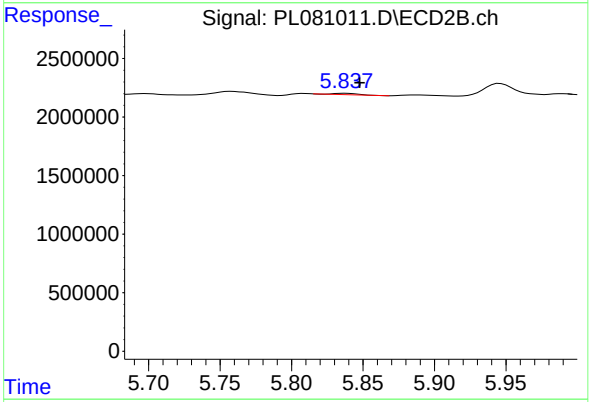
R.T.: 5.560 min
Delta R.T.: 0.006 min
Response: 145500
Conc: 0.06 ng/ml




#15 Endosulfan II

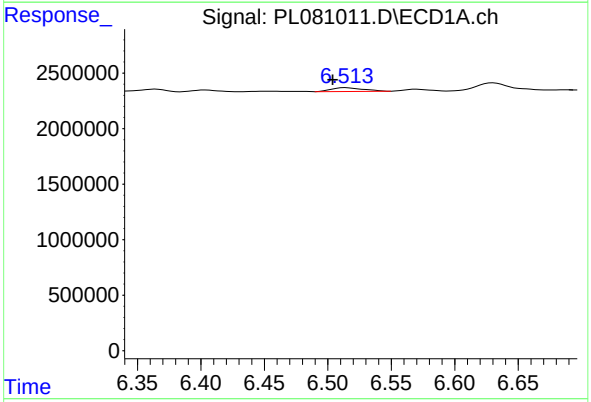
R.T.: 6.570 min
Delta R.T.: -0.010 min
Response: 243106
Conc: 0.11 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023



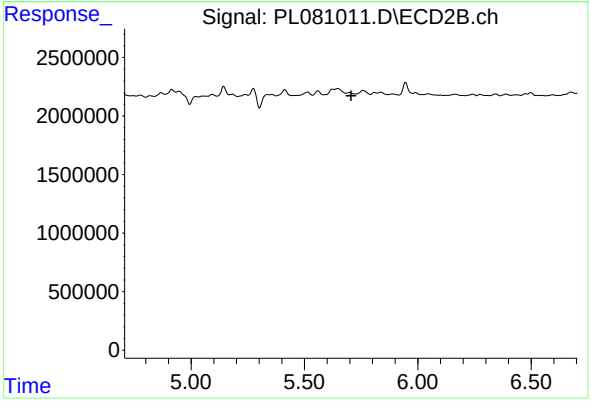

#15 Endosulfan II

R.T.: 5.838 min
Delta R.T.: -0.010 min
Response: 136236
Conc: 0.07 ng/ml



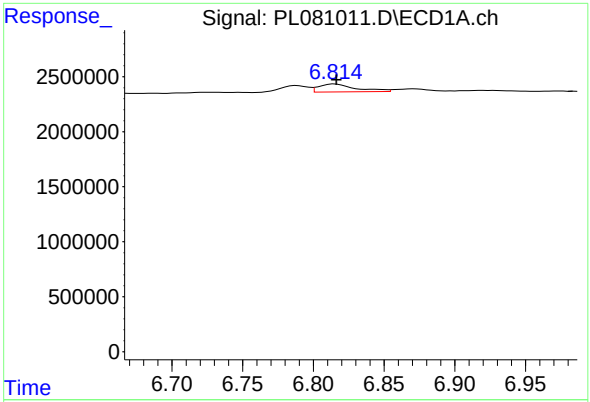

#16 4,4'-DDD

R.T.: 6.514 min
Delta R.T.: 0.010 min
Response: 609117
Conc: 0.33 ng/ml




#16 4,4'-DDD

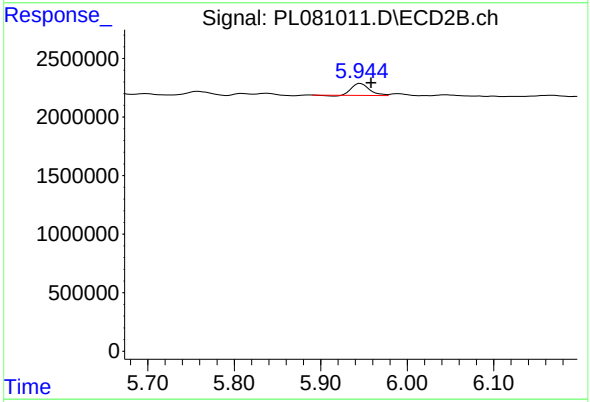
R.T.: 5.698 min
Delta R.T.: -0.008 min
Response: -140039
Conc: N.D.




#17 4,4'-DDT

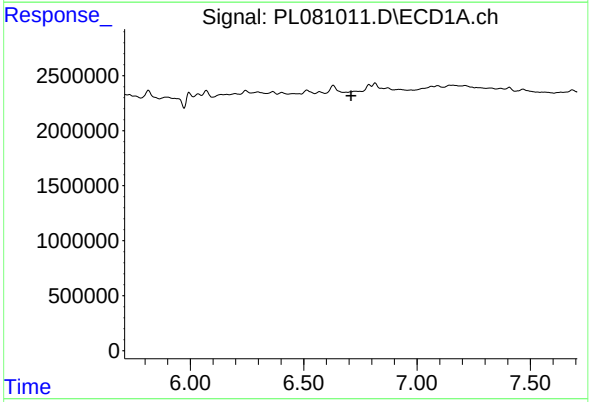
R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 1290267
Conc: 0.62 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023



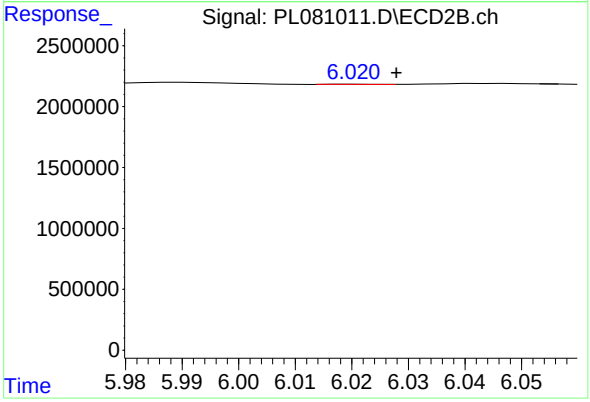

#17 4,4'-DDT

R.T.: 5.946 min
Delta R.T.: -0.012 min
Response: 1399496
Conc: 0.67 ng/ml



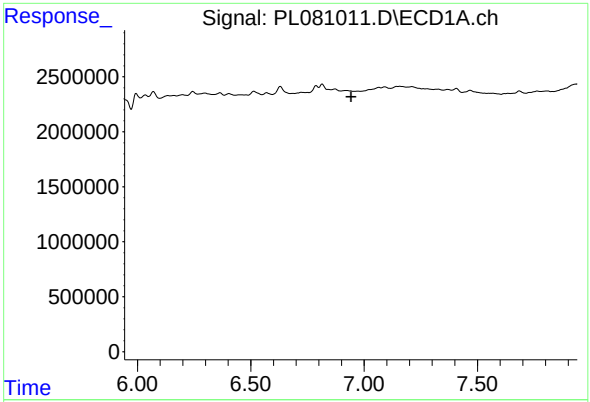

#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.709 min
Response: 0
Conc: N.D.




#18 Endrin aldehyde

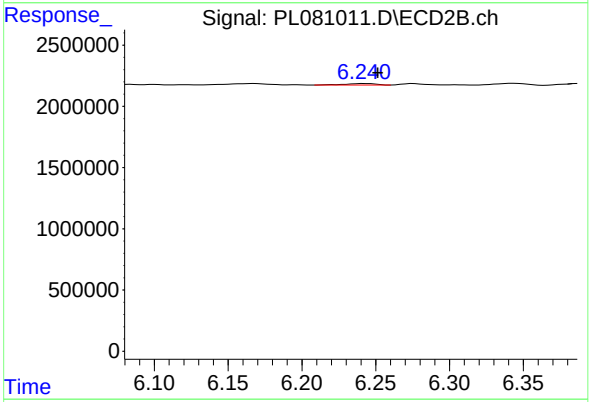
R.T.: 6.020 min
Delta R.T.: -0.008 min
Response: 9538
Conc: 0.01 ng/ml




#19 Endosulfan Sulfate

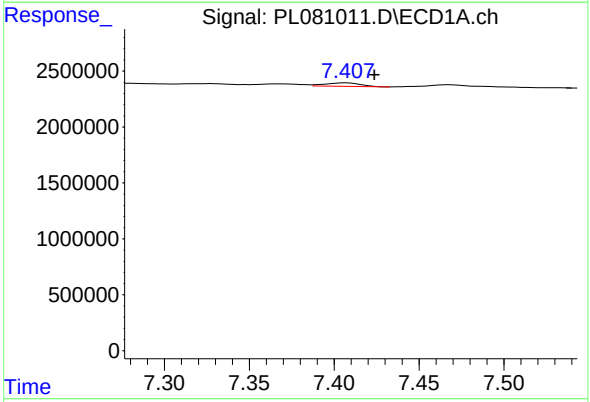
R.T.: 0.000 min
Exp R.T. : 6.943 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023



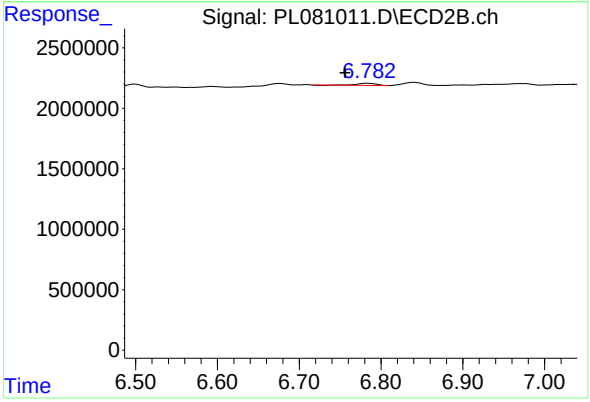

#19 Endosulfan Sulfate

R.T.: 6.242 min
Delta R.T.: -0.010 min
Response: 180377
Conc: 0.08 ng/ml



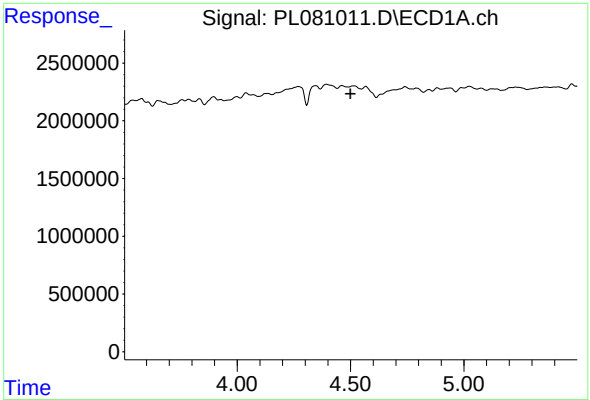

#21 Endrin ketone

R.T.: 7.407 min
Delta R.T.: -0.016 min
Response: 462522
Conc: 0.21 ng/ml




#21 Endrin ketone

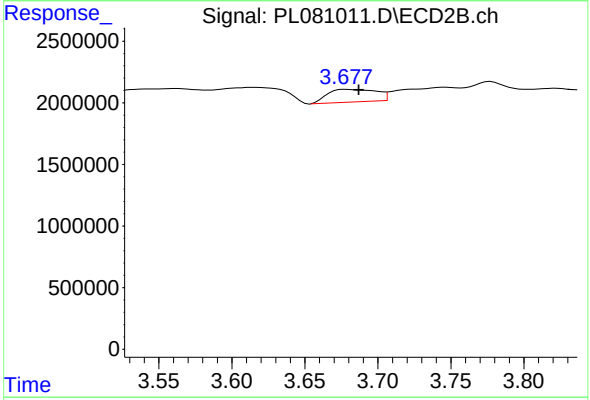
R.T.: 6.784 min
Delta R.T.: 0.028 min
Response: 276212
Conc: 0.11 ng/ml




#23 Chlordane-1

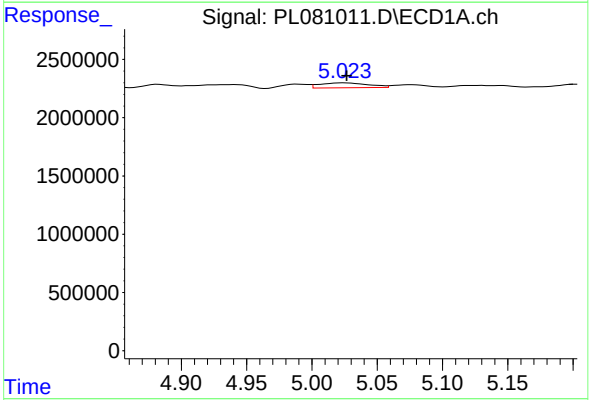
R.T.: 0.000 min
Exp R.T. : 4.500 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023



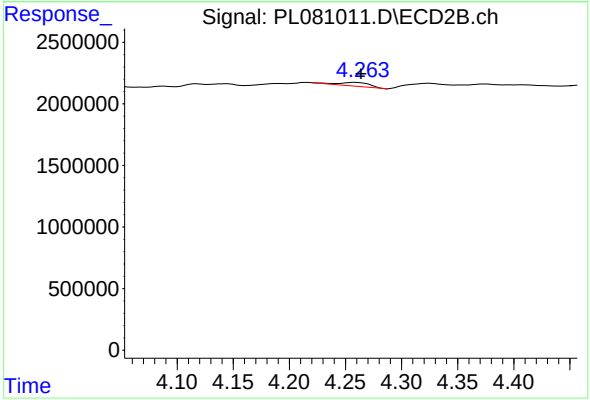

#23 Chlordane-1

R.T.: 3.678 min
Delta R.T.: -0.009 min
Response: 2370587
Conc: 29.11 ng/ml



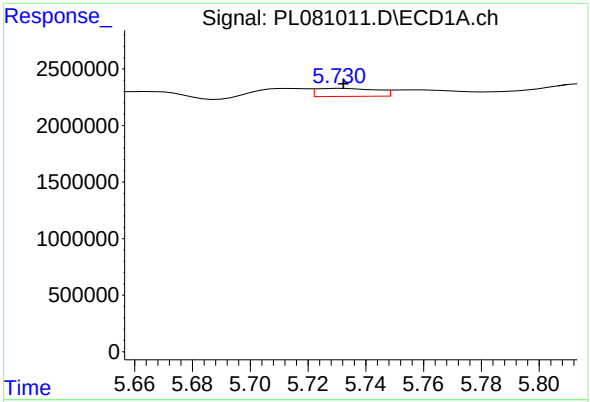

#24 Chlordane-2

R.T.: 5.025 min
Delta R.T.: -0.002 min
Response: 1080575
Conc: 11.20 ng/ml




#24 Chlordane-2

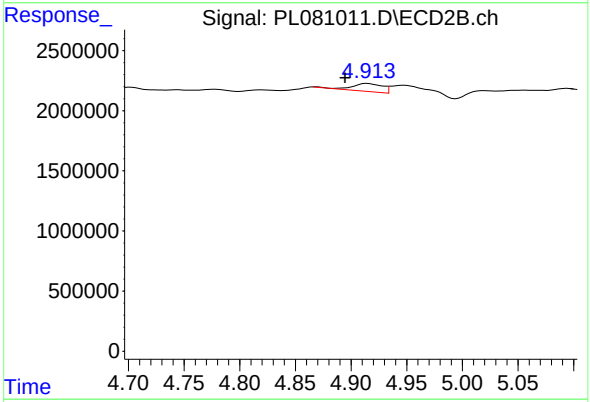
R.T.: 4.258 min
Delta R.T.: -0.005 min
Response: 600245
Conc: 6.66 ng/ml




#25 Chlordane-3

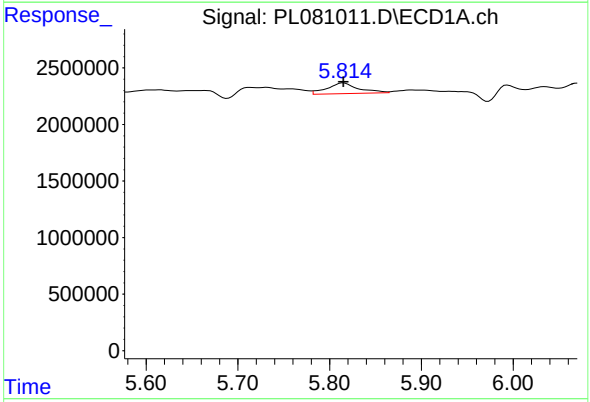
R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 1020557
Conc: 3.02 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023



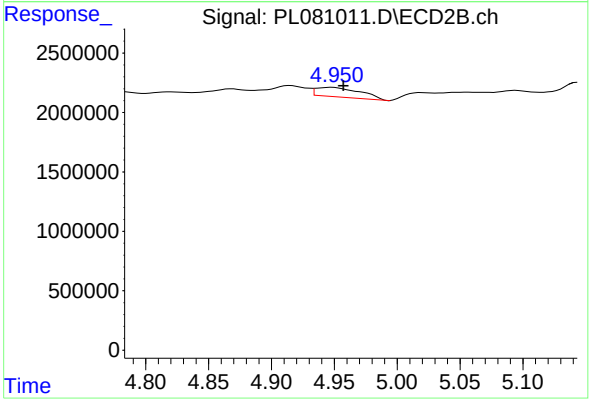

#25 Chlordane-3

R.T.: 4.915 min
Delta R.T.: 0.020 min
Response: 1248123
Conc: 4.73 ng/ml



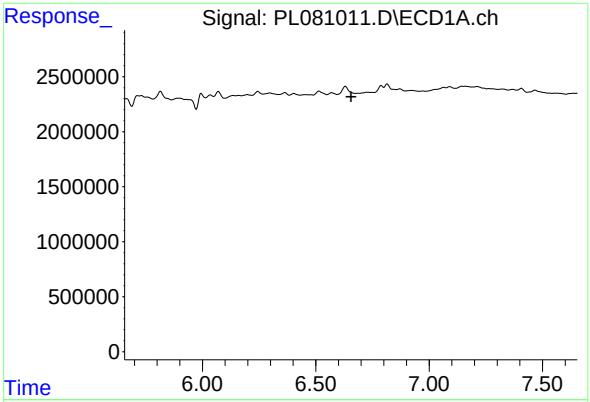

#26 Chlordane-4

R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 2244663
Conc: 5.20 ng/ml




#26 Chlordane-4

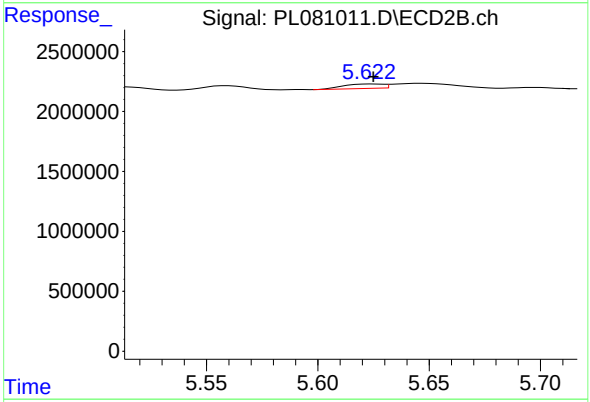
R.T.: 4.948 min
Delta R.T.: -0.009 min
Response: 1956205
Conc: 7.26 ng/ml




#27 Chlordane-5

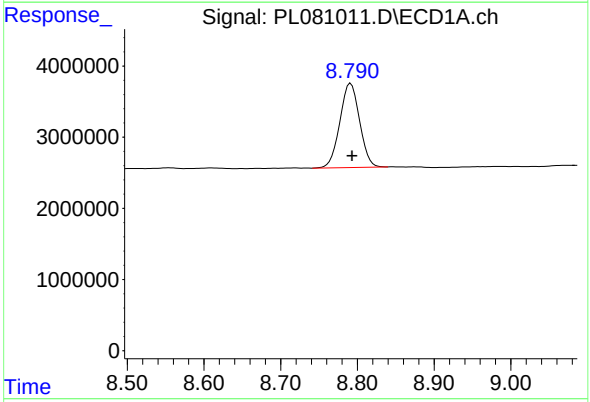
R.T.: 0.000 min
Exp R.T. : 6.656 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
OK-02-02162023



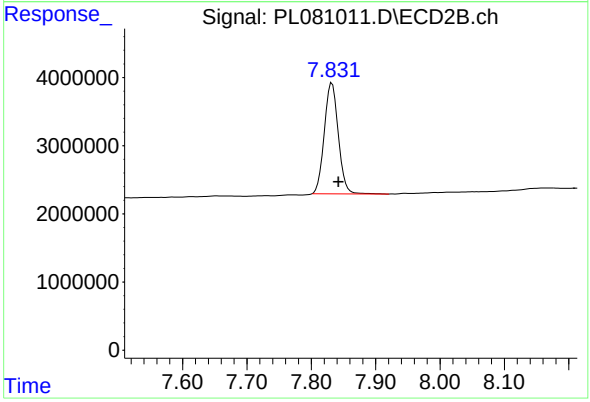

#27 Chlordane-5

R.T.: 5.624 min
Delta R.T.: -0.001 min
Response: 449400
Conc: 6.32 ng/ml




#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 21224870
Conc: 12.12 ng/ml




#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 24645660
Conc: 10.34 ng/ml