Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031921\
Data File : PL065455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2021 18:07
Operator : AR\AJ
Sample : M1723-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 01:00:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031821.M
Quant Title : GC Extractables
QLast Update : Fri Mar 19 02:14:11 2021
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... | 3.287 | 3.787 | 25795381 | 23906547 | 10.862 | 8.710 | |
| 28) | SA | Decachlor... | 7.929 | 8.737 | 18972829 | 17546542 | 7.853 | 8.852 | |
| | | Target Compounds | | | | | | | |
| 2) | A | alpha-BHC | 0.000 | 4.167 | 0 | 241693 | N.D. | 0.059 | # |
| 3) | MA | gamma-BHC... | 3.989 | 0.000 | 852088 | 0 | 0.249 | N.D. | # |
| 4) | MA | Heptachlor | 4.249f | 4.943 | 1715149 | 926632 | 0.524 | 0.278 | # |
| 5) | MB | Aldrin | 0.000 | 5.243 | 0 | 157023 | N.D. | 0.048 | # |
| 6) | B | beta-BHC | 4.249 | 4.637 | 1715149 | 730187 | 1.213 | 0.424 | # |
| 7) | B | delta-BHC | 4.425 | 4.859 | 143439 | 409285 | 0.043 | 0.137 | # |
| 8) | B | Heptachlo... | 0.000 | 5.620 | 0 | 421369 | N.D. | 0.146 | # |
| 9) | A | Endosulfan I | 5.292f | 0.000 | 26604899 | 0 | 9.760 | N.D. | # |
| 10) | B | gamma-Chl... | 5.162 | 5.849 | 1616936 | 2100208 | 0.548 | 0.753 | # |
| 11) | B | alpha-Chl... | 5.217 | 5.922 | 2637215 | 1398451 | 0.906 | 0.504 | # |
| 12) | B | 4,4'-DDE | 5.387 | 6.081 | 1529641 | 863957 | 0.581 | 0.347 | # |
| 13) | MA | Dieldrin | 5.509 | 6.228 | 4275532 | 647223 | 1.527 | 0.238 | # |
| 14) | MA | Endrin | 5.753 | 0.000 | 1932129 | 0 | 0.774 | N.D. | # |
| 15) | B | Endosulfa... | 6.030 | 6.648 | 2882036 | 1460705 | 1.176 | 0.647 | # |
| 16) | A | 4,4'-DDD | 5.904 | 6.567 | 2290009 | 4521496 | 1.036 | 2.056 | # |
| 17) | MA | 4,4'-DDT | 6.123 | 6.866 | 707661 | 3751313 | 0.374 | 1.911 | # |
| 18) | B | Endrin al... | 6.209 | 6.798 | 1266481 | 943154 | 0.660 | 0.538 | |
| 19) | B | Endosulfa... | 6.419 | 7.022 | 515574 | 380603 | 0.209 | 0.173 | |
| 20) | A | Methoxychlor | 6.694f | 0.000 | 2908246 | 0 | 2.537 | N.D. | # |
| 21) | B | Endrin ke... | 0.000 | 7.457f | 0 | 1955833 | N.D. | 0.829 | # |
| 22) | | Mirex | 0.000 | 7.899 | 0 | 134178 | N.D. | 0.081 | # |
| 23) | | Chlordane-1 | 4.136 | 0.000 | 605625 | 0 | 7.030 | N.D. | # |
| 24) | | Chlordane-2 | 0.000 | 5.243f | 0 | 157023 | N.D. | 1.442 | # |
| 25) | | Chlordane-3 | 5.162 | 5.849 | 1616936 | 2100208 | 5.419 | 5.152 | |
| 26) | | Chlordane-4 | 5.217 | 5.922 | 2637215 | 1398451 | 9.680 | 2.907 | # |
| 27) | | Chlordane-5 | 6.030 | 0.000 | 2882036 | 0 | 28.827 | N.D. | # |

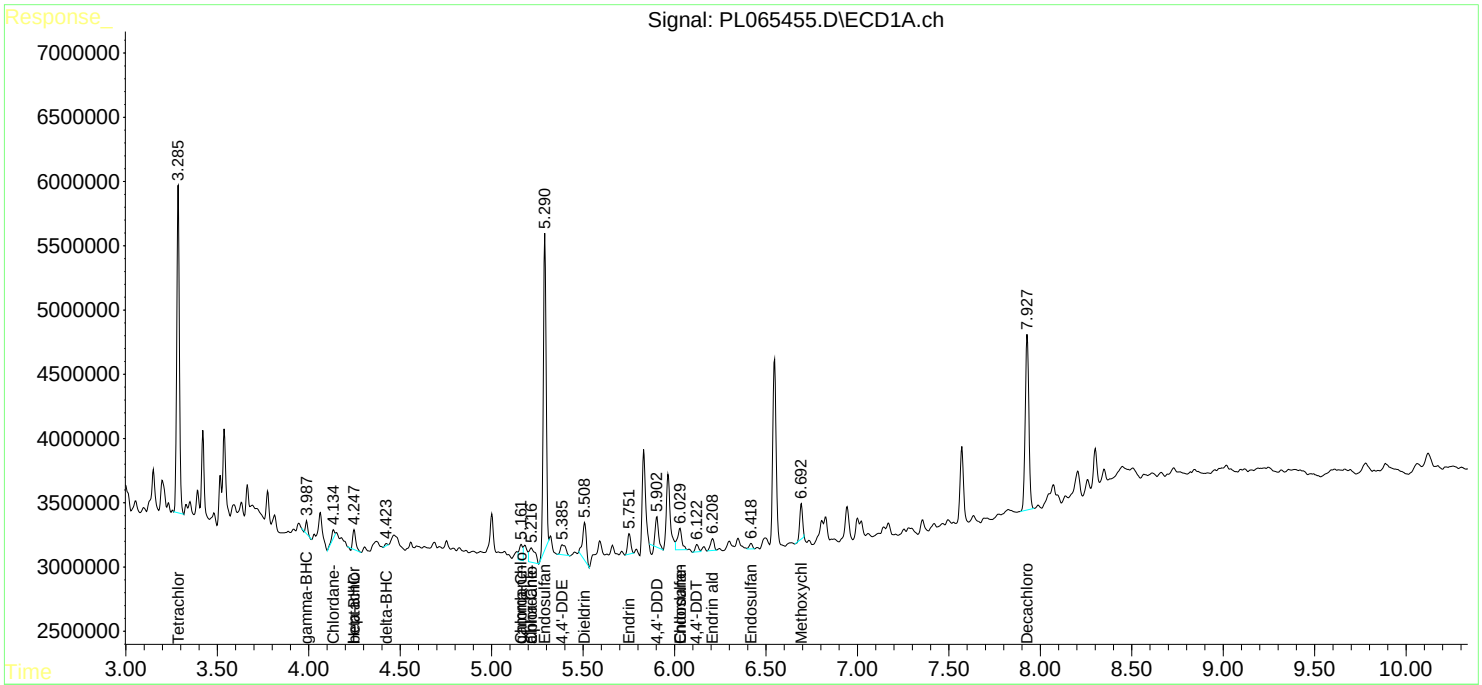
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

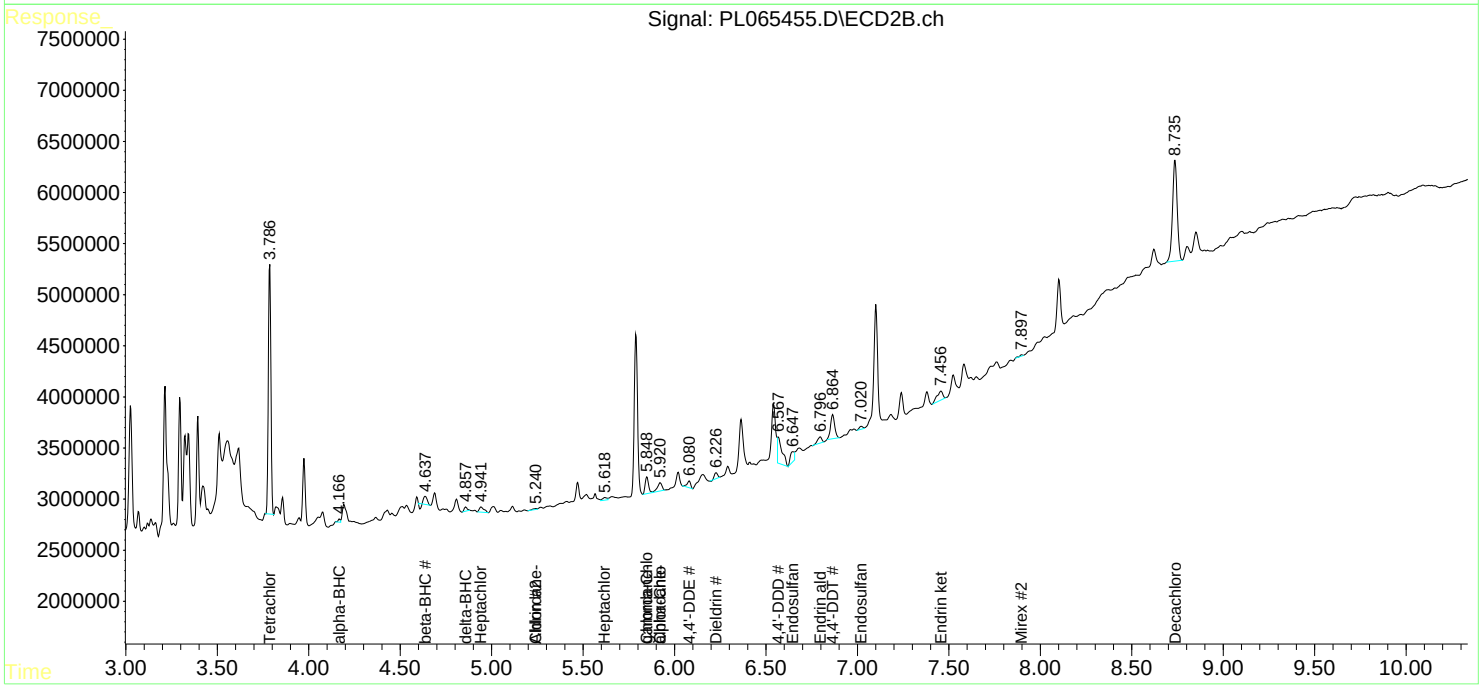
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031921\
Data File : PL065455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2021 18:07
Operator : AR\AJ
Sample : M1723-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

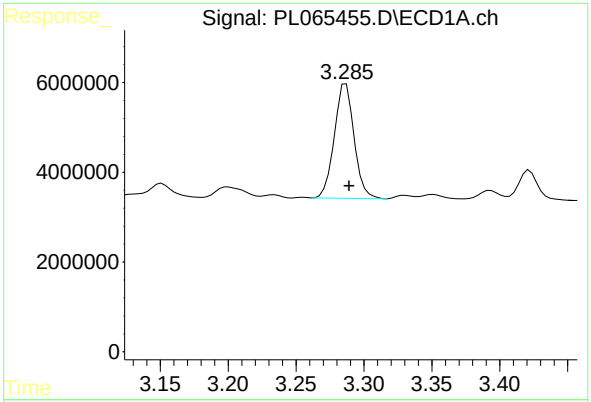
**Instrument :**
ECD_L
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 01:00:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031821.M
Quant Title : GC Extractables
QLast Update : Fri Mar 19 02:14:11 2021
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



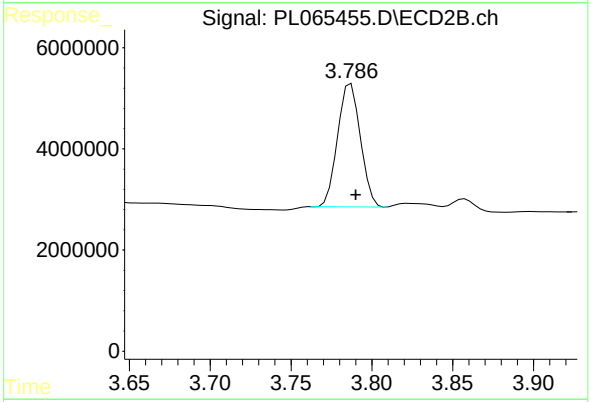






#1 Tetrachloro-m-xylene

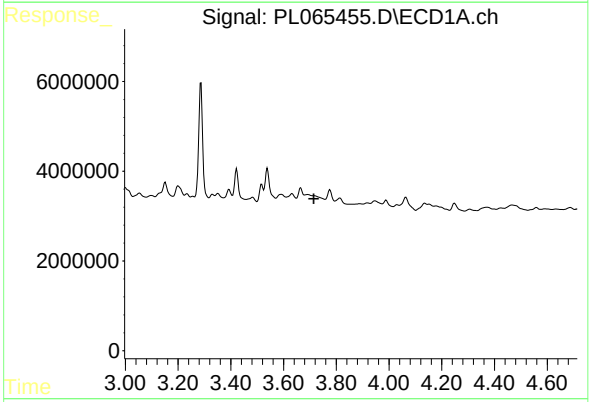
R.T.: 3.287 min
Delta R.T.: -0.002 min
Response: 25795381
Conc: 10.86 ng/ml

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



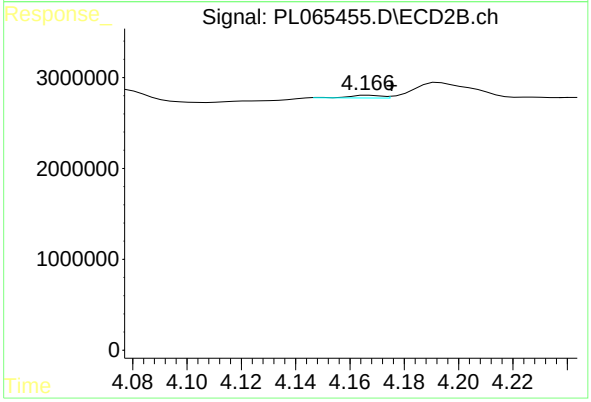

#1 Tetrachloro-m-xylene

R.T.: 3.787 min
Delta R.T.: -0.003 min
Response: 23906547
Conc: 8.71 ng/ml



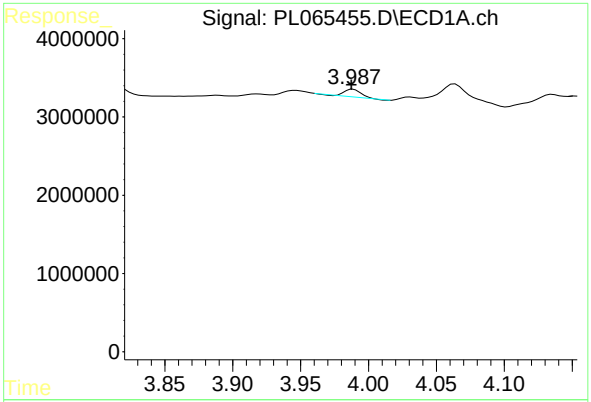

#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.714 min
Response: 0
Conc: N.D.




#2 alpha-BHC

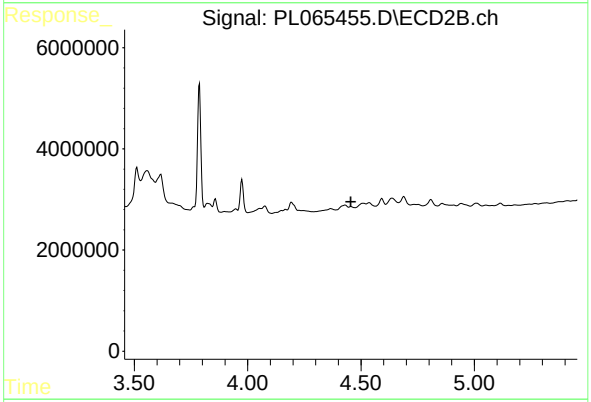
R.T.: 4.167 min
Delta R.T.: -0.008 min
Response: 241693
Conc: 0.06 ng/ml




#3 gamma-BHC (Lindane)

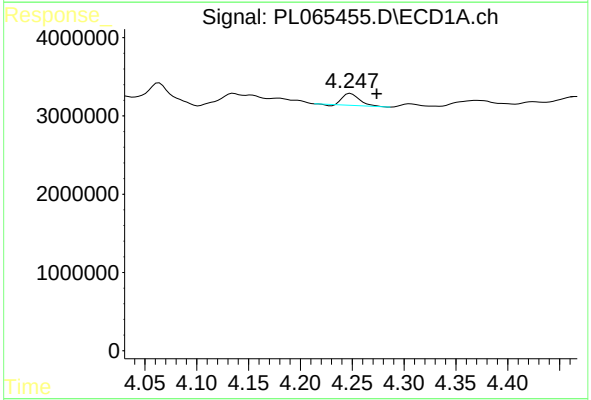
R.T.: 3.989 min
Delta R.T.: 0.001 min
Response: 852088
Conc: 0.25 ng/ml

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



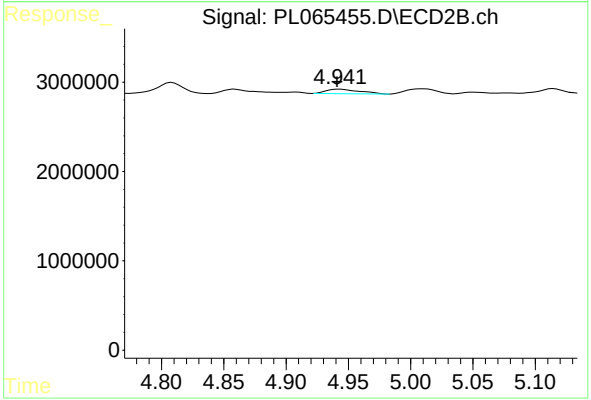

#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 4.455 min
Response: 0
Conc: N.D.



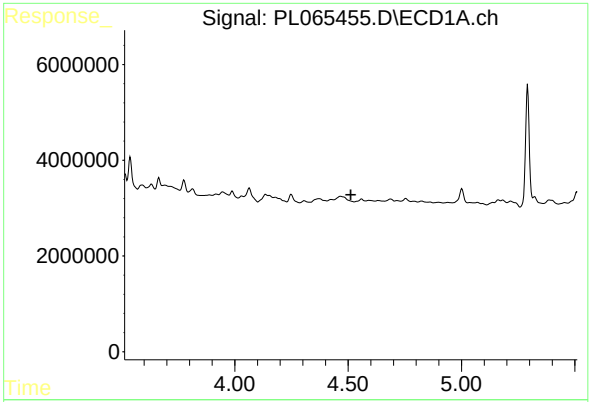

#4 Heptachlor

R.T.: 4.249 min
Delta R.T.: -0.025 min
Response: 1715149
Conc: 0.52 ng/ml




#4 Heptachlor

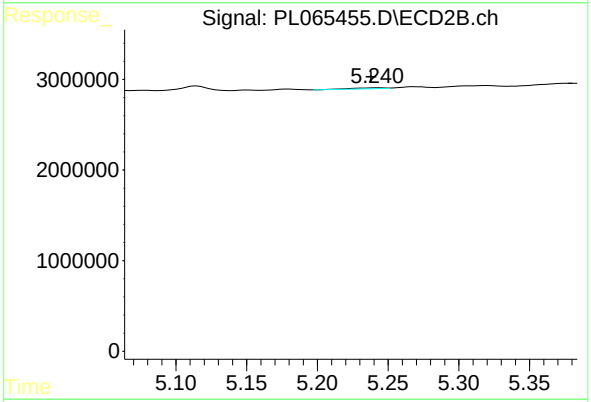
R.T.: 4.943 min
Delta R.T.: 0.002 min
Response: 926632
Conc: 0.28 ng/ml




#5 Aldrin

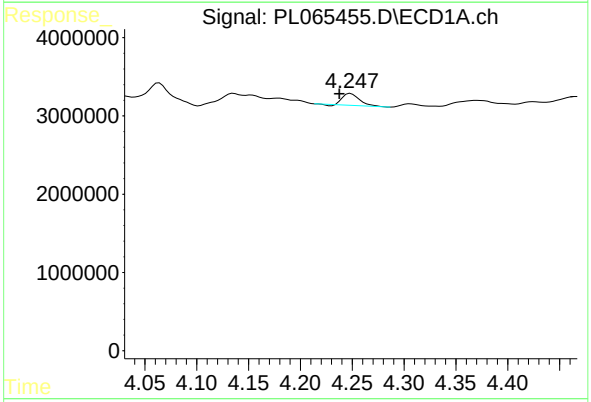
R.T.: 0.000 min
Exp R.T. : 4.511 min
Response: 0
Conc: N.D.

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



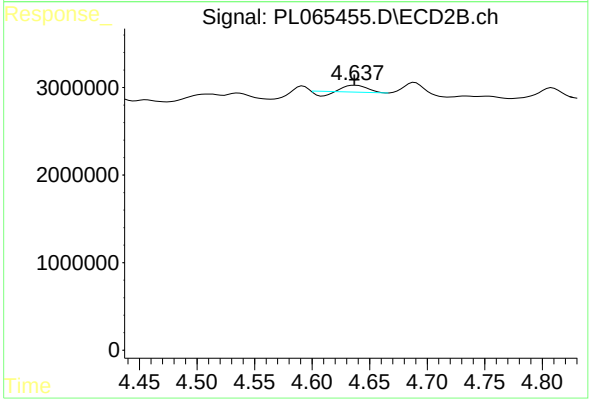

#5 Aldrin

R.T.: 5.243 min
Delta R.T.: 0.005 min
Response: 157023
Conc: 0.05 ng/ml



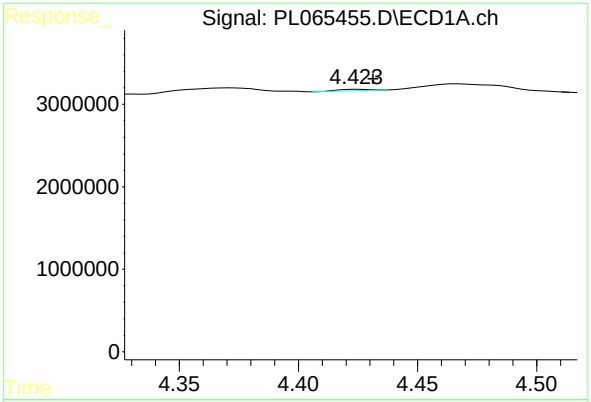

#6 beta-BHC

R.T.: 4.249 min
Delta R.T.: 0.011 min
Response: 1715149
Conc: 1.21 ng/ml




#6 beta-BHC

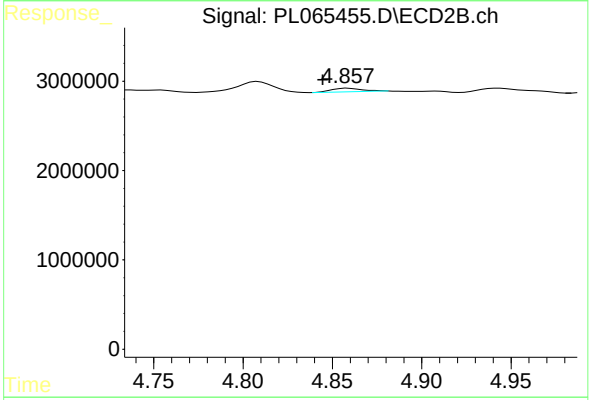
R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 730187
Conc: 0.42 ng/ml




#7 delta-BHC

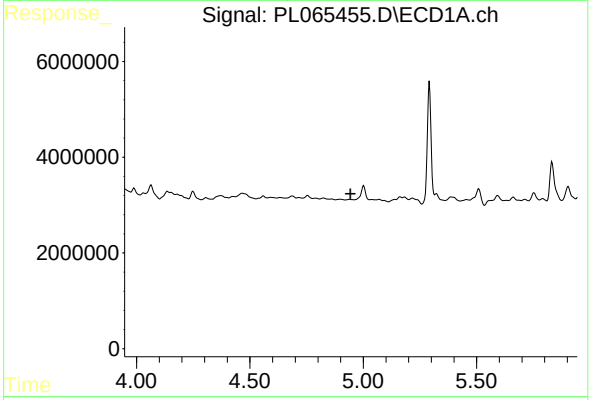
R.T.: 4.425 min
Delta R.T.: -0.007 min
Response: 143439
Conc: 0.04 ng/ml

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



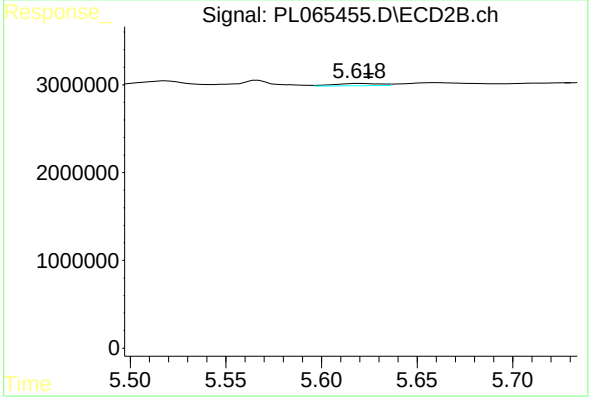

#7 delta-BHC

R.T.: 4.859 min
Delta R.T.: 0.014 min
Response: 409285
Conc: 0.14 ng/ml



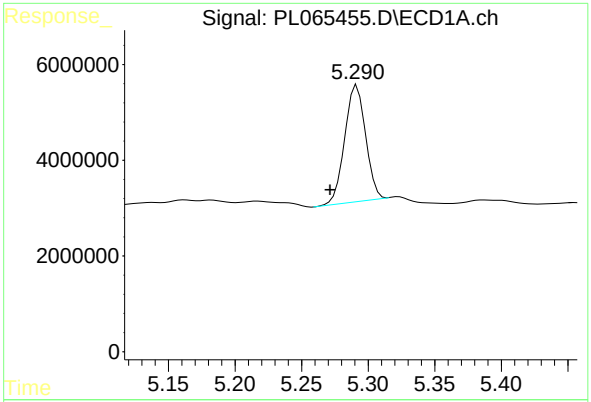

#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.944 min
Response: 0
Conc: N.D.




#8 Heptachlor epoxide

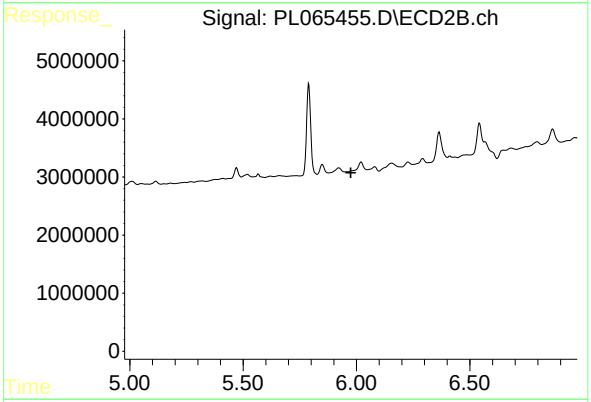
R.T.: 5.620 min
Delta R.T.: -0.005 min
Response: 421369
Conc: 0.15 ng/ml




#9 Endosulfan I

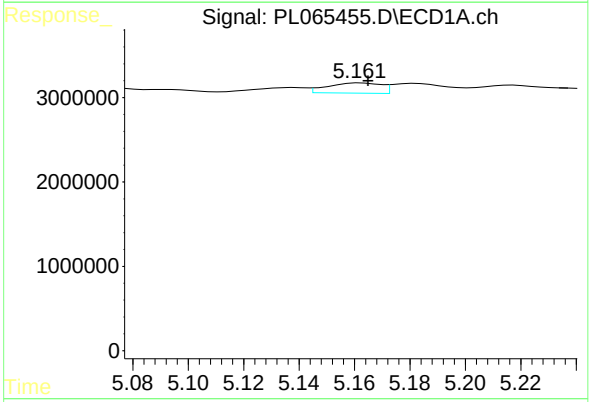
R.T.: 5.292 min
Delta R.T.: 0.020 min
Response: 26604899
Conc: 9.76 ng/ml

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



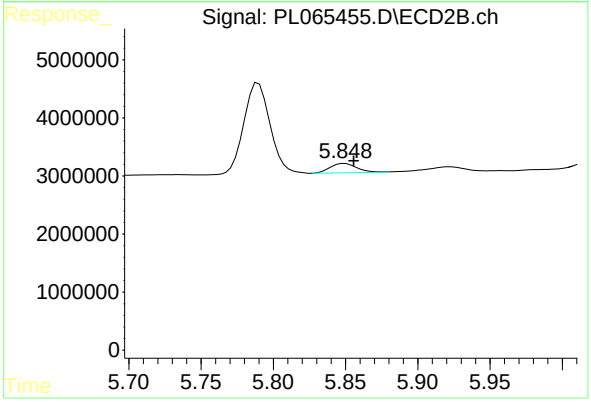

#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.975 min
Response: 0
Conc: N.D.



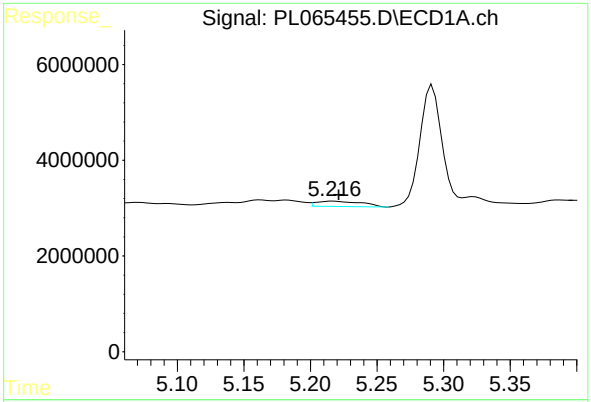

#10 gamma-Chlordane

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 1616936
Conc: 0.55 ng/ml




#10 gamma-Chlordane

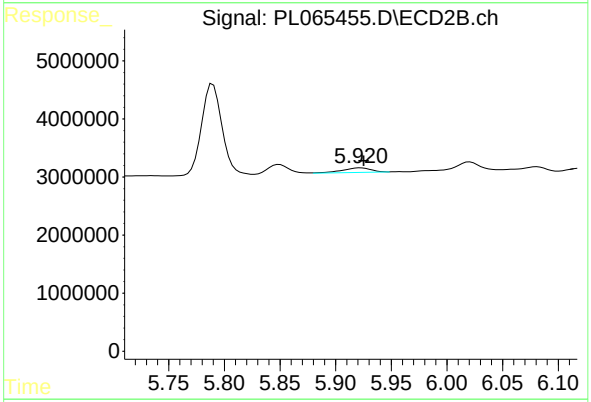
R.T.: 5.849 min
Delta R.T.: -0.006 min
Response: 2100208
Conc: 0.75 ng/ml




#11 alpha-Chlordane

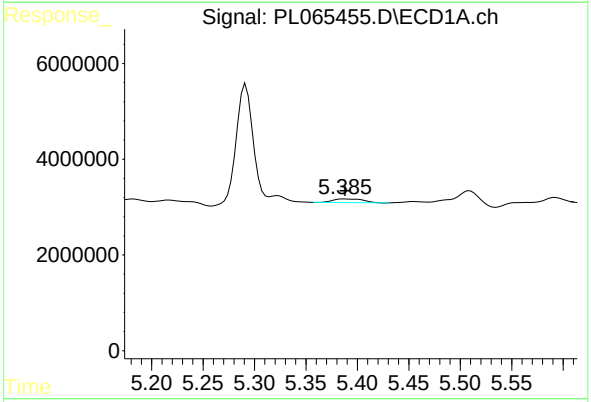
R.T.: 5.217 min
Delta R.T.: -0.004 min
Response: 2637215
Conc: 0.91 ng/ml

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



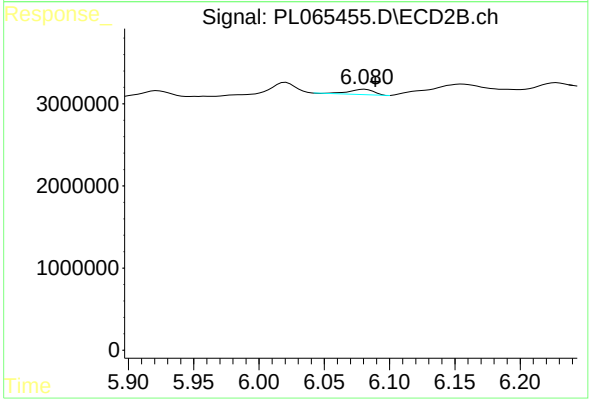

#11 alpha-Chlordane

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 1398451
Conc: 0.50 ng/ml



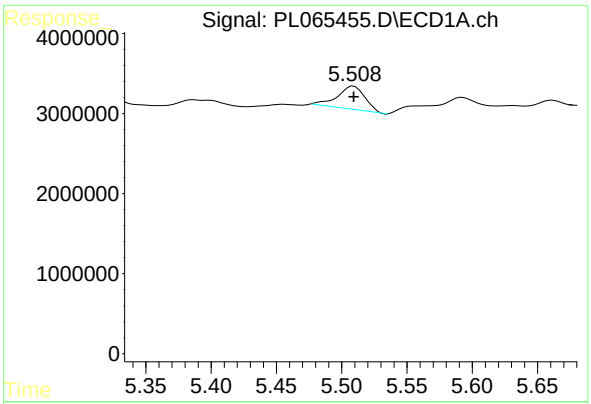

#12 4,4'-DDE

R.T.: 5.387 min
Delta R.T.: -0.001 min
Response: 1529641
Conc: 0.58 ng/ml




#12 4,4'-DDE

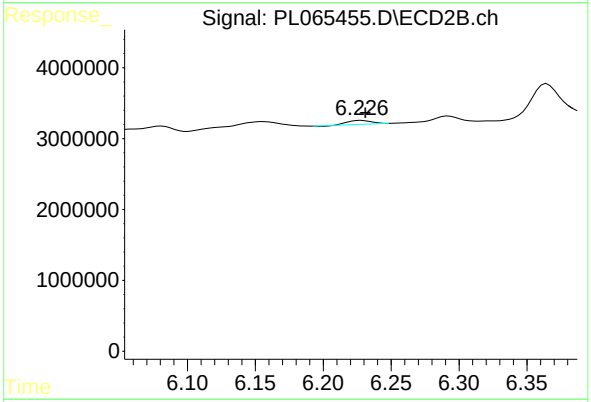
R.T.: 6.081 min
Delta R.T.: -0.008 min
Response: 863957
Conc: 0.35 ng/ml




#13 Dieldrin

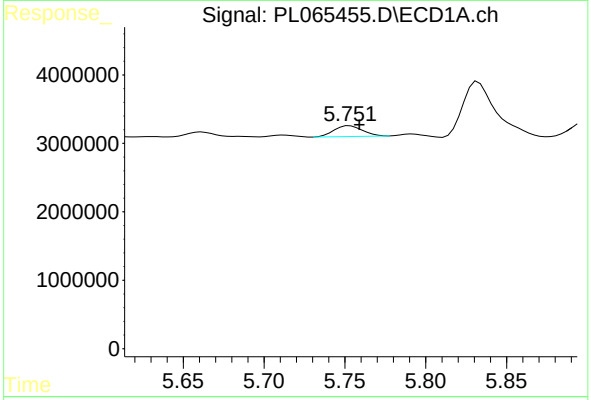
R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 4275532
Conc: 1.53 ng/ml

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



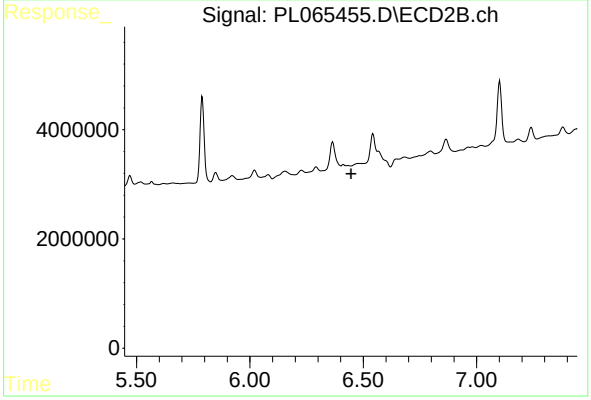

#13 Dieldrin

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 647223
Conc: 0.24 ng/ml



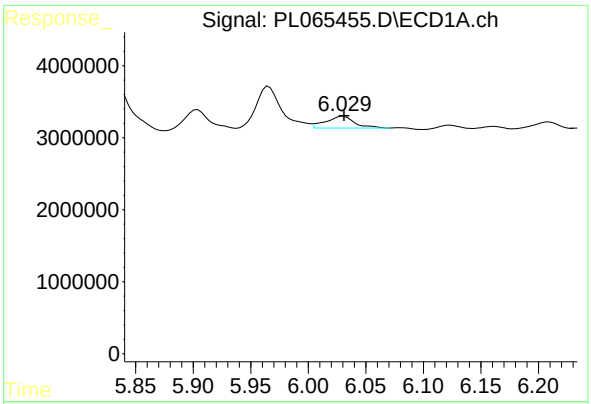

#14 Endrin

R.T.: 5.753 min
Delta R.T.: -0.006 min
Response: 1932129
Conc: 0.77 ng/ml




#14 Endrin

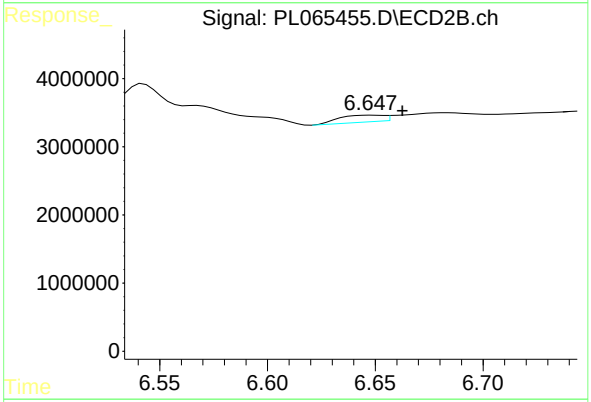
R.T.: 0.000 min
Exp R.T. : 6.446 min
Response: 0
Conc: N.D.




#15 Endosulfan II

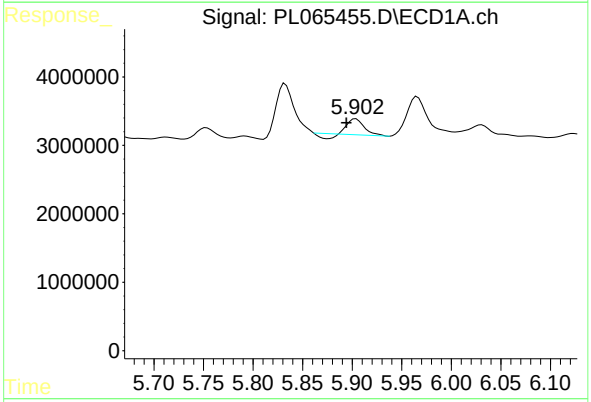
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 2882036
Conc: 1.18 ng/ml

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



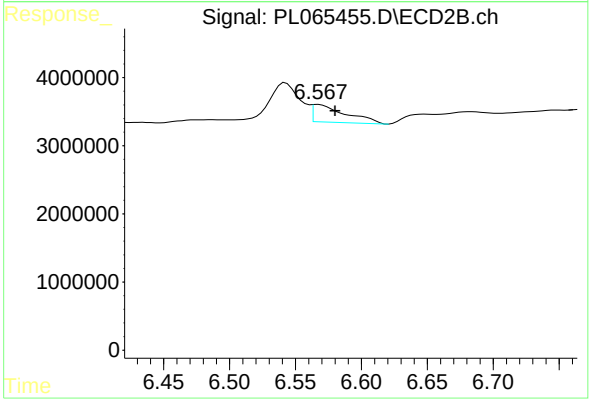

#15 Endosulfan II

R.T.: 6.648 min
Delta R.T.: -0.015 min
Response: 1460705
Conc: 0.65 ng/ml



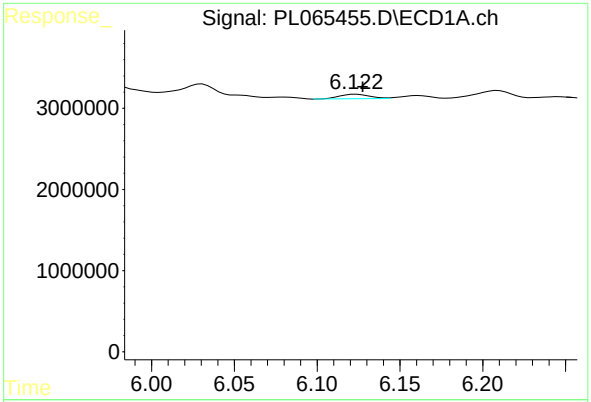

#16 4,4'-DDD

R.T.: 5.904 min
Delta R.T.: 0.010 min
Response: 2290009
Conc: 1.04 ng/ml




#16 4,4'-DDD

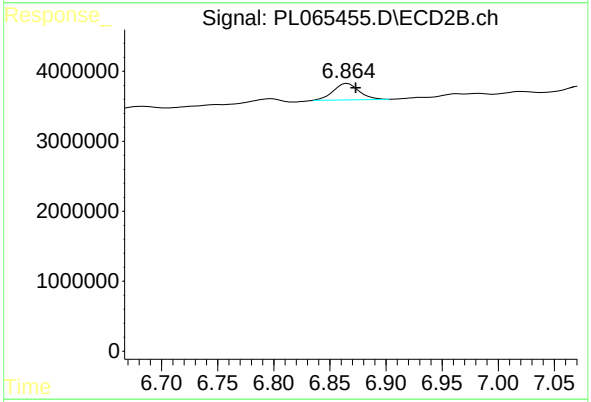
R.T.: 6.567 min
Delta R.T.: -0.013 min
Response: 4521496
Conc: 2.06 ng/ml




#17 4,4'-DDT

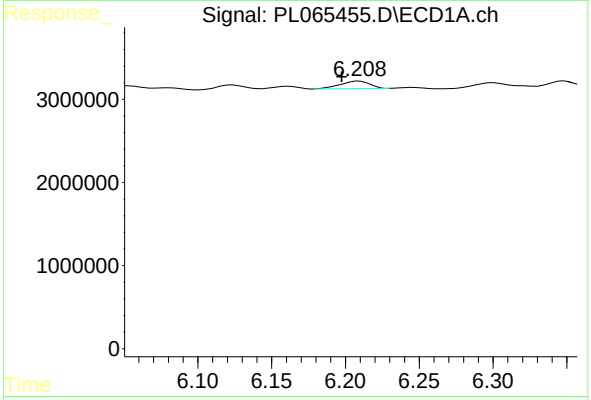
R.T.: 6.123 min
Delta R.T.: -0.004 min
Response: 707661
Conc: 0.37 ng/ml

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



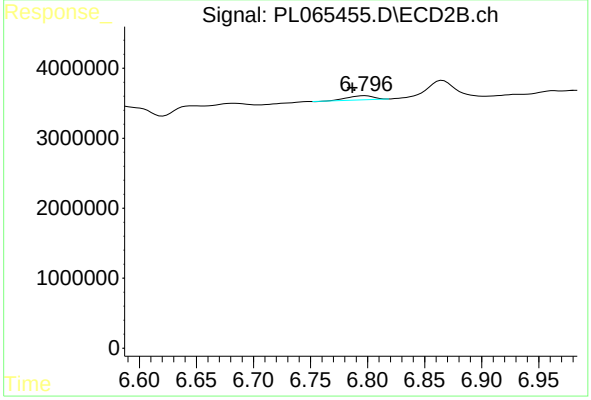

#17 4,4'-DDT

R.T.: 6.866 min
Delta R.T.: -0.007 min
Response: 3751313
Conc: 1.91 ng/ml



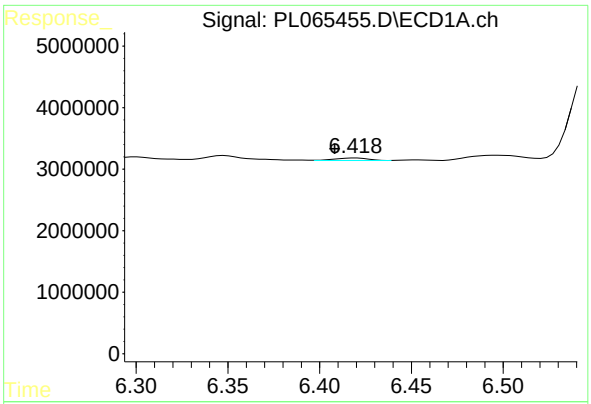

#18 Endrin aldehyde

R.T.: 6.209 min
Delta R.T.: 0.012 min
Response: 1266481
Conc: 0.66 ng/ml




#18 Endrin aldehyde

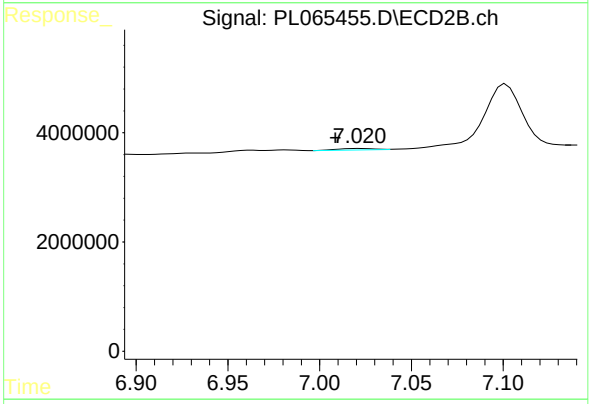
R.T.: 6.798 min
Delta R.T.: 0.011 min
Response: 943154
Conc: 0.54 ng/ml




#19 Endosulfan Sulfate

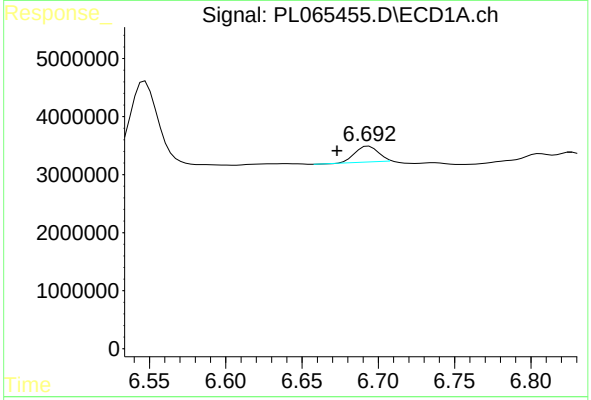
R.T.: 6.419 min
Delta R.T.: 0.011 min
Response: 515574
Conc: 0.21 ng/ml

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



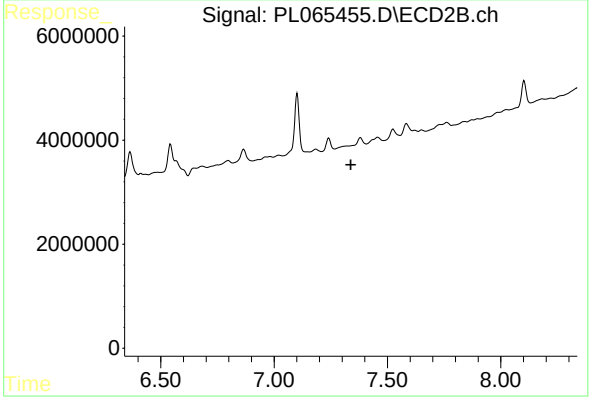

#19 Endosulfan Sulfate

R.T.: 7.022 min
Delta R.T.: 0.013 min
Response: 380603
Conc: 0.17 ng/ml



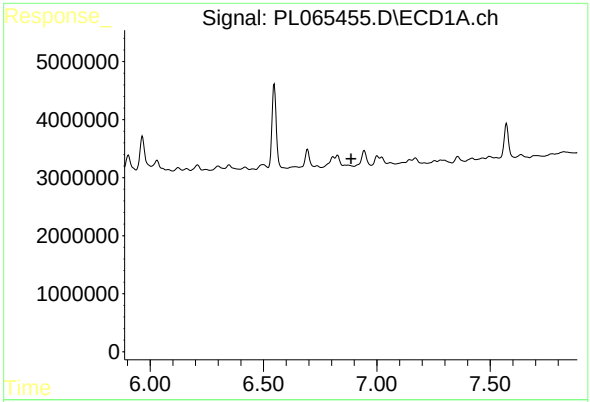

#20 Methoxychlor

R.T.: 6.694 min
Delta R.T.: 0.021 min
Response: 2908246
Conc: 2.54 ng/ml




#20 Methoxychlor

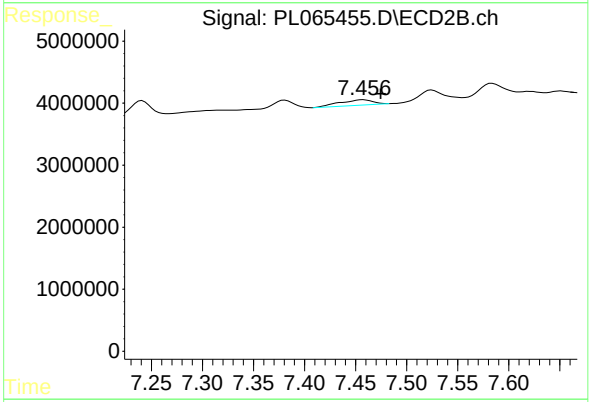
R.T.: 0.000 min
Exp R.T. : 7.338 min
Response: 0
Conc: N.D.




#21 Endrin ketone

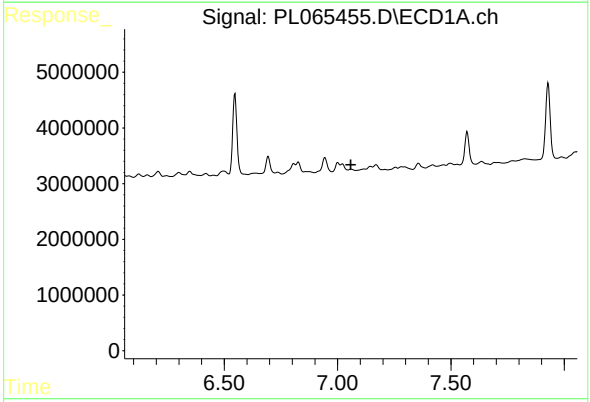
R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.

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



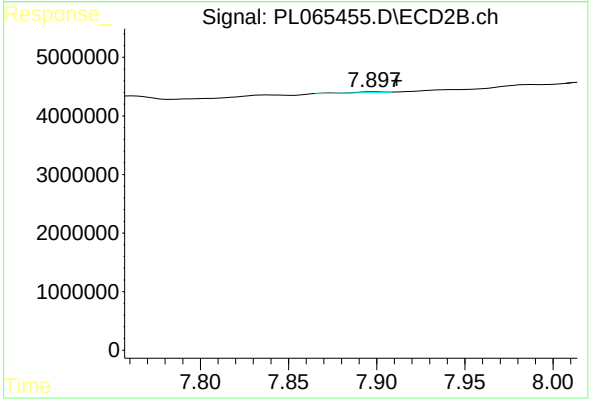

#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: -0.017 min
Response: 1955833
Conc: 0.83 ng/ml



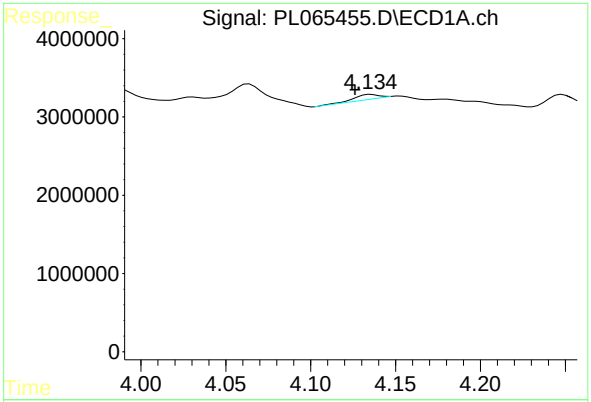

#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.059 min
Response: 0
Conc: N.D.




#22 Mirex

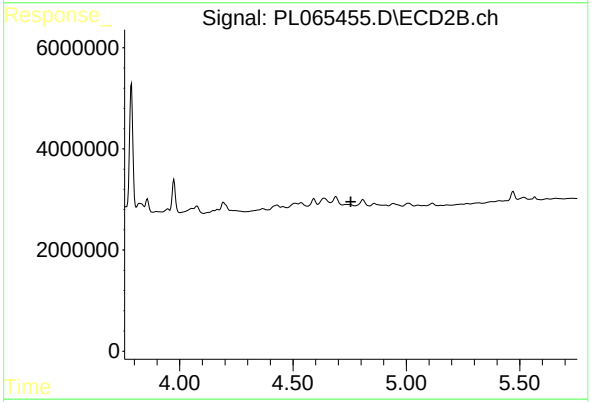
R.T.: 7.899 min
Delta R.T.: -0.013 min
Response: 134178
Conc: 0.08 ng/ml




#23 Chlordane-1

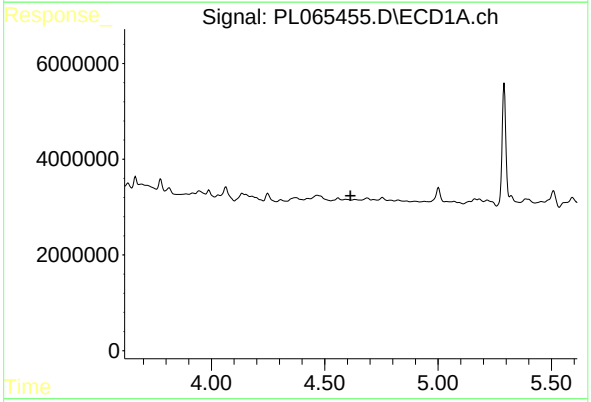
R.T.: 4.136 min
Delta R.T.: 0.010 min
Response: 605625
Conc: 7.03 ng/ml

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



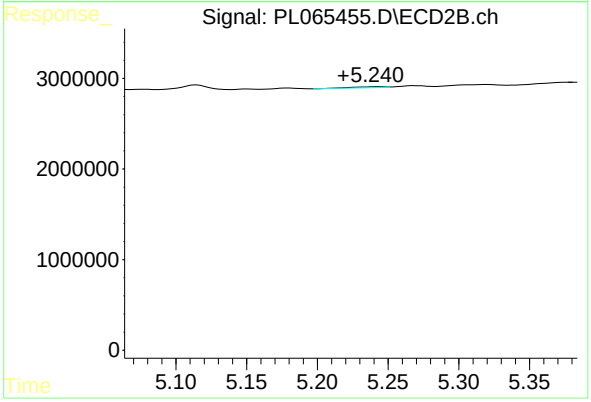

#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.755 min
Response: 0
Conc: N.D.



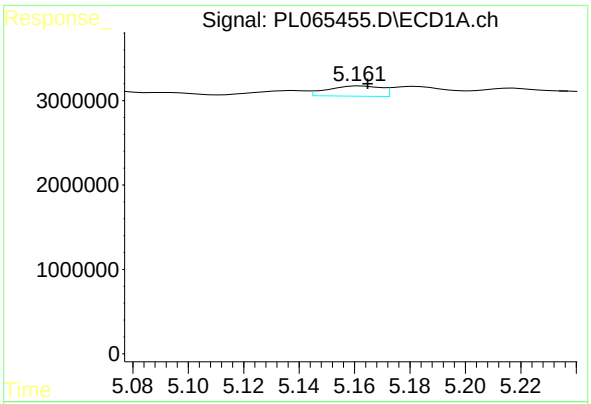

#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.614 min
Response: 0
Conc: N.D.




#24 Chlordane-2

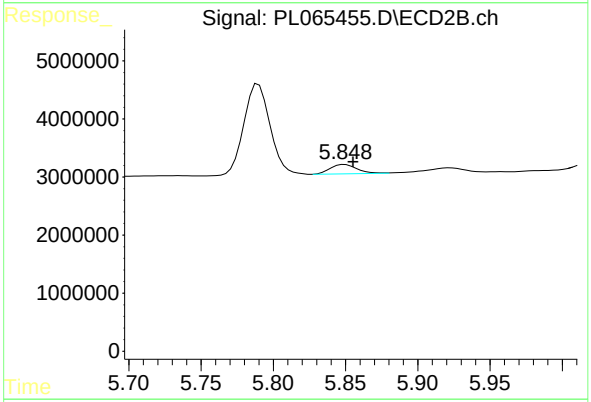
R.T.: 5.243 min
Delta R.T.: 0.025 min
Response: 157023
Conc: 1.44 ng/ml




#25 Chlordane-3

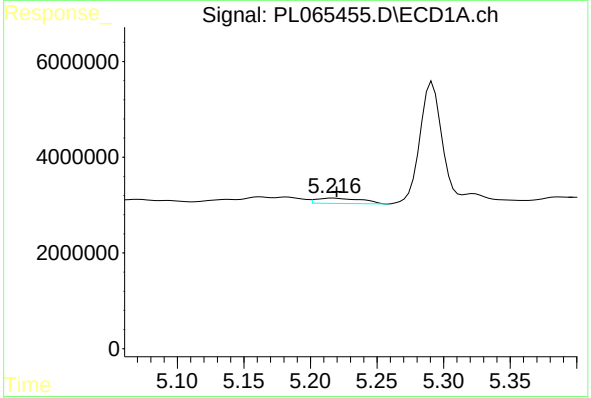
R.T.: 5.162 min
Delta R.T.: -0.002 min
Response: 1616936
Conc: 5.42 ng/ml

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



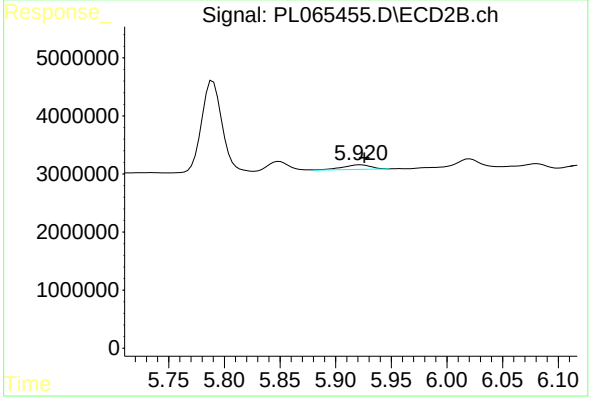

#25 Chlordane-3

R.T.: 5.849 min
Delta R.T.: -0.006 min
Response: 2100208
Conc: 5.15 ng/ml



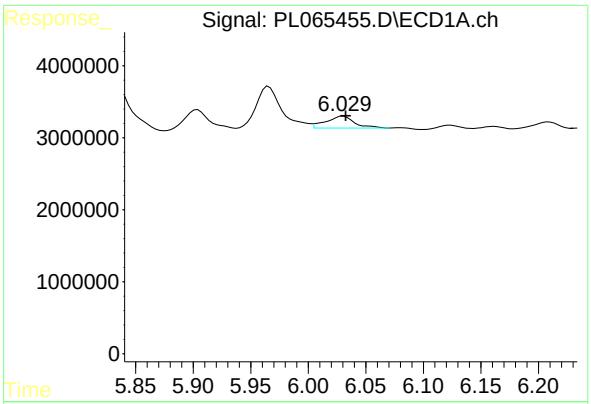

#26 Chlordane-4

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 2637215
Conc: 9.68 ng/ml




#26 Chlordane-4

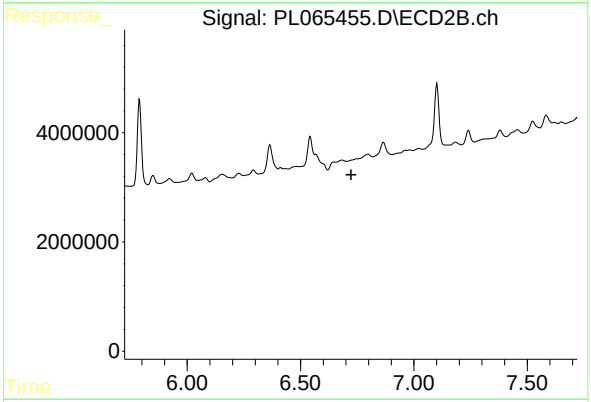
R.T.: 5.922 min
Delta R.T.: -0.004 min
Response: 1398451
Conc: 2.91 ng/ml




#27 Chlordane-5

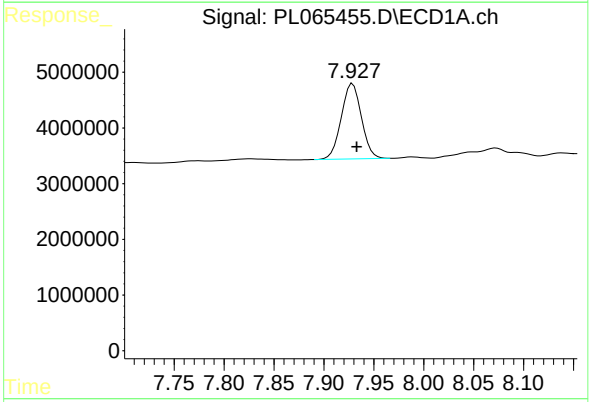
R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 2882036
Conc: 28.83 ng/ml

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



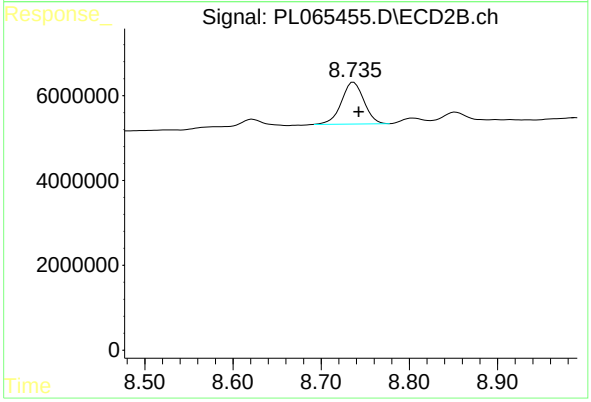

#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.724 min
Response: 0
Conc: N.D.




#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.004 min
Response: 18972829
Conc: 7.85 ng/ml




#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: -0.006 min
Response: 17546542
Conc: 8.85 ng/ml