Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100622\
Data File : PL078157.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Oct 2022 18:37
Operator : AR\AJ
Sample : PEM158
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
PEM214

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:33:29 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100522CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 05 01:39:00 2022
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 x 0.50µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | |
| 1) | SA Tetrachlo... | 3.413 | 2.622 | 33930154 | 60414934 | 19.236 | 17.957 | |
| 27) | SA Decachlor... | 8.902 | 7.717 | 31805882 | 53155034 | 20.984 | 19.630 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 3.878 | 3.114 | 24095389 | 46750531 | 9.585 | 9.314 | |
| 3) | MA gamma-BHC... | 4.213 | 3.438 | 23440532 | 42698376 | 9.715 | 9.326 | |
| 4) | MA Heptachlor | 0.000 | 3.738f | 0 | 19161600 | N.D. | 4.171 | |
| 6) | B beta-BHC | 4.427 | 3.738 | 11417308 | 19161600 | 9.706 | 9.652 | |
| 7) | B delta-BHC | 4.667 | 0.000 | 811143 | 0 | 0.332 | N.D. | # |
| 8) | B Heptachlo... | 5.566 | 4.520 | 19372442 | 6774210 | 9.156 | 1.717 | # |
| 9) | A Endosulfan I | 5.955 | 4.965f | 56185 | 453382 | <MDL | 0.125 | # |
| 10) | B trans-Chl... | 5.767f | 0.000 | 10442064 | 0 | 5.347 | N.D. | # |
| 11) | B cis-Chlor... | 5.884 | 0.000 | 1012635 | 0 | 0.537 | N.D. | # |
| 13) | MA Dieldrin | 0.000 | 5.163 | 0 | 11545534 | N.D. | 2.969 | |
| 14) | MA Endrin | 6.458 | 5.442 | 78194001 | 150.7E6 | 48.491 | 46.718 | |
| 15) | B Endosulfa... | 6.704 | 5.762 | 3090027 | 263812 | 1.915 | <MDL | # |
| 16) | A 4,4'-DDD | 6.599 | 5.600 | 5494529 | 3652837 | 4.049 | 1.210 | # |
| 17) | MA 4,4'-DDT | 6.910 | 5.848 | 148.2E6 | 284.9E6 | 101.821 | 94.297 | |
| 18) | B Endrin al... | 6.817 | 5.920 | 985161 | 3114855 | 0.732 | 1.205 | # |
| 20) | A Methoxychlor | 7.391 | 6.425 | 186.6E6 | 347.6E6 | 248.797 | 233.535 | |
| 22) | Toxaphene-1 | 6.152 | 5.163 | 1590154 | 11545534 | 113.628 | 713.870 | # |
| 23) | Toxaphene-2 | 6.910 | 6.425 | 148.2E6 | 347.6E6 | 3623.810 | 5168.505 | # |
| 24) | Toxaphene-3 | 0.000 | 6.501 | 0 | 860999 | N.D. | 9.455 | |

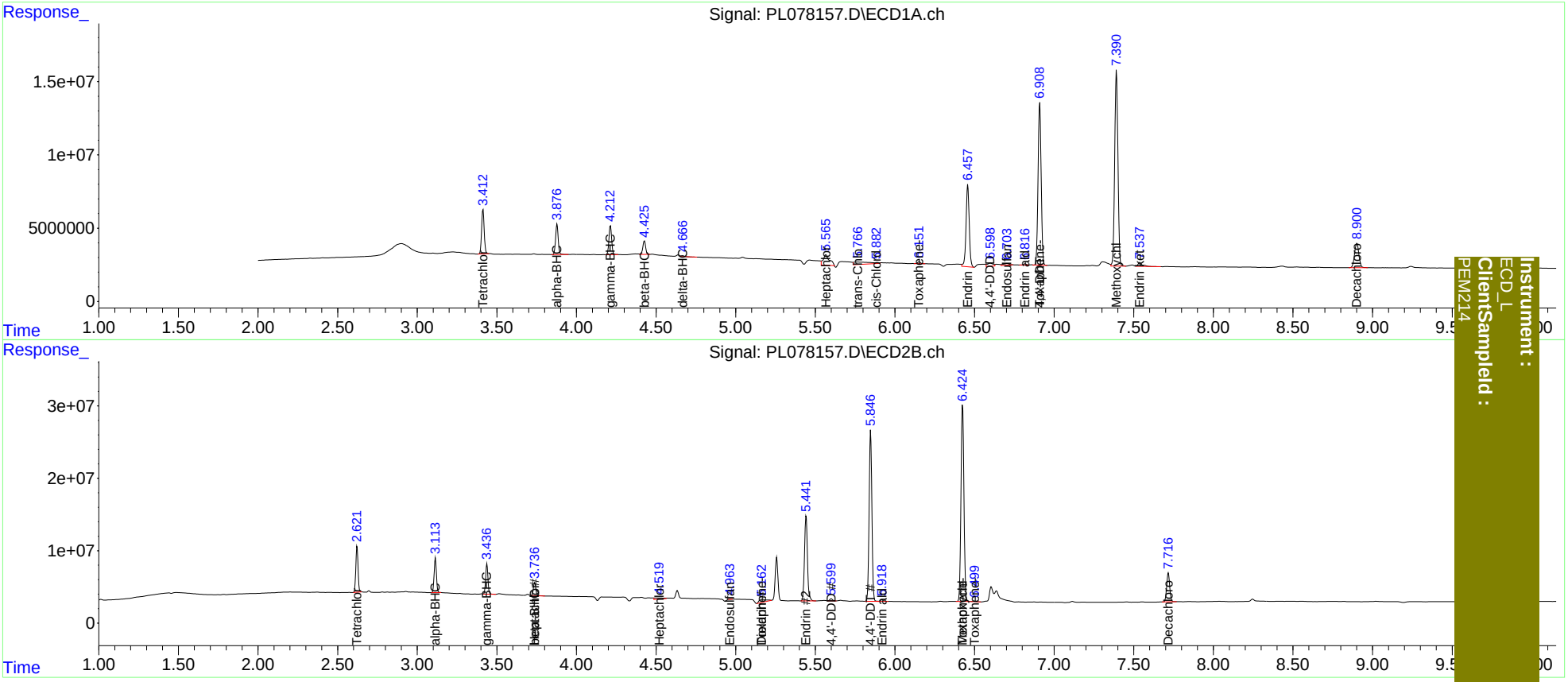
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

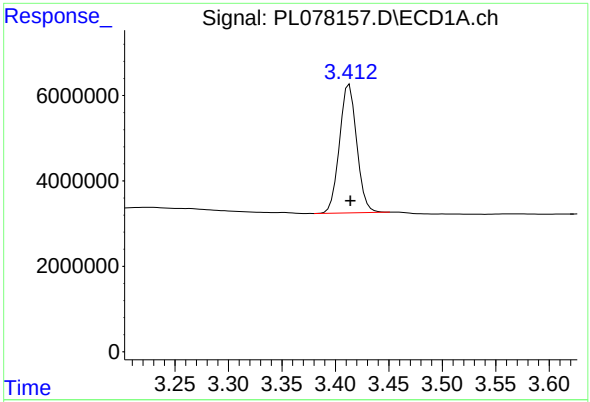
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100622\
Data File : PL078157.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Oct 2022 18:37
Operator : AR\AJ
Sample : PEM158
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:33:29 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100522CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 05 01:39:00 2022
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 x 0.50µm

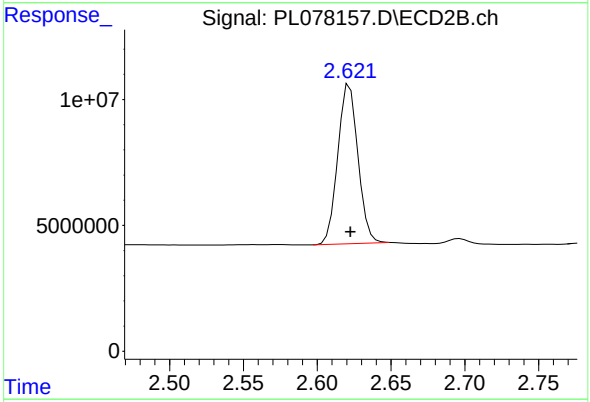





#1 Tetrachloro-m-xylene

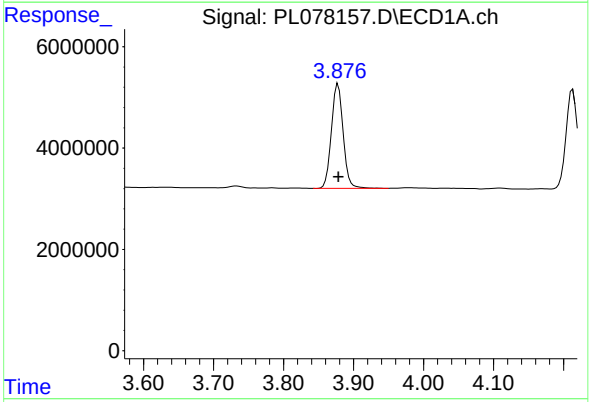
R.T.: 3.413 min
Delta R.T.: 0.000 min
Response: 33930154
Conc: 19.24 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM214



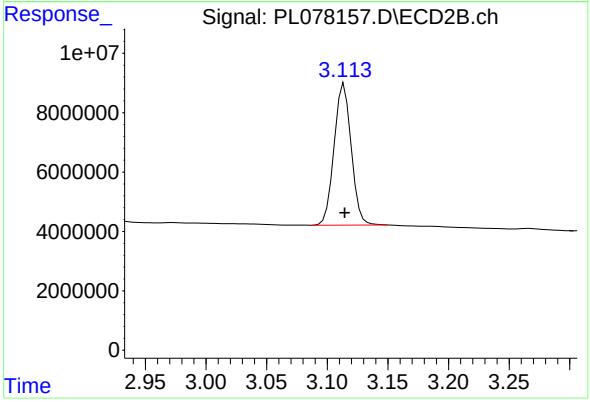

#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 60414934
Conc: 17.96 ng/ml



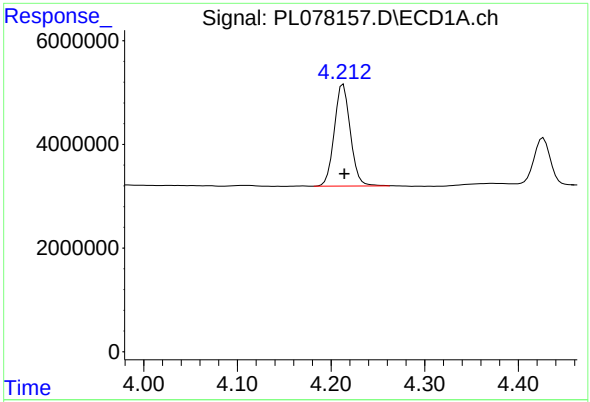

#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 24095389
Conc: 9.59 ng/ml




#2 alpha-BHC

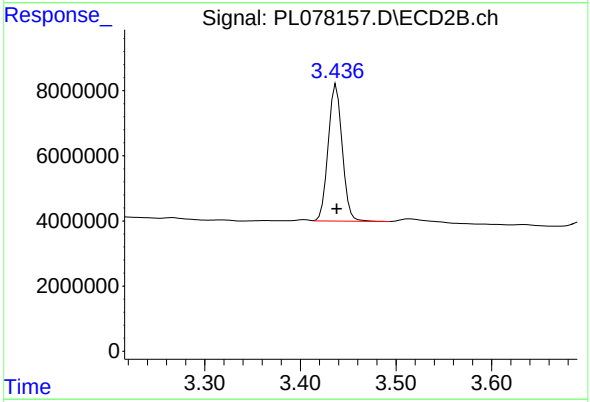
R.T.: 3.114 min
Delta R.T.: 0.000 min
Response: 46750531
Conc: 9.31 ng/ml




#3 gamma-BHC (Lindane)

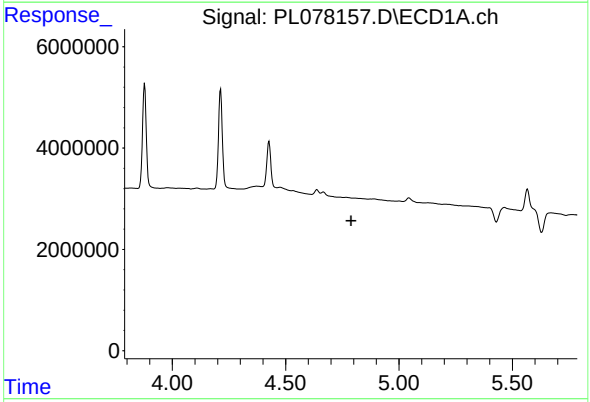
R.T.: 4.213 min
Delta R.T.: -0.001 min
Response: 23440532
Conc: 9.71 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM214



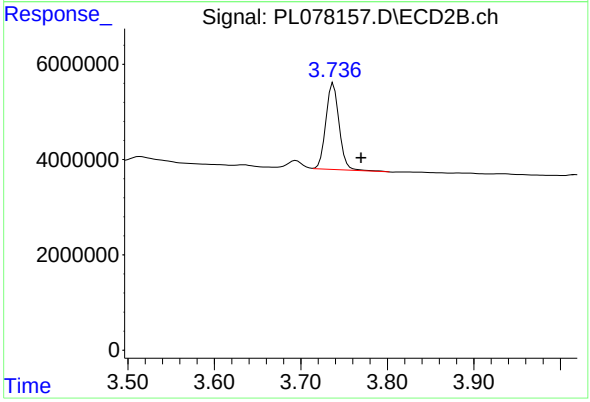

#3 gamma-BHC (Lindane)

R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 42698376
Conc: 9.33 ng/ml



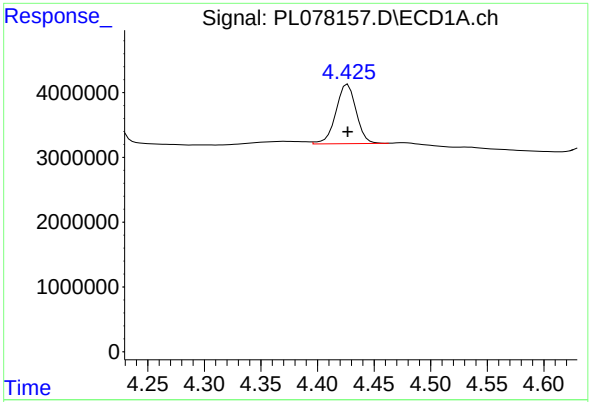

#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.789 min
Response: 0
Conc: N.D.




#4 Heptachlor

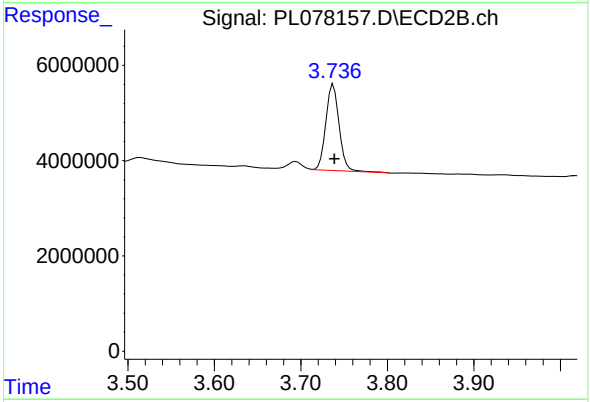
R.T.: 3.738 min
Delta R.T.: -0.032 min
Response: 19161600
Conc: 4.17 ng/ml




#6 beta-BHC

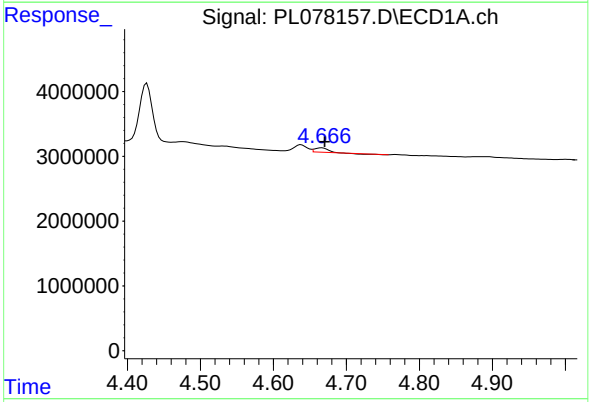
R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 11417308
Conc: 9.71 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM214



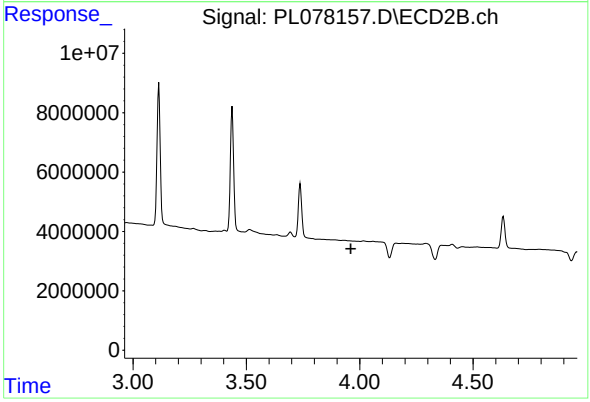

#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 19161600
Conc: 9.65 ng/ml



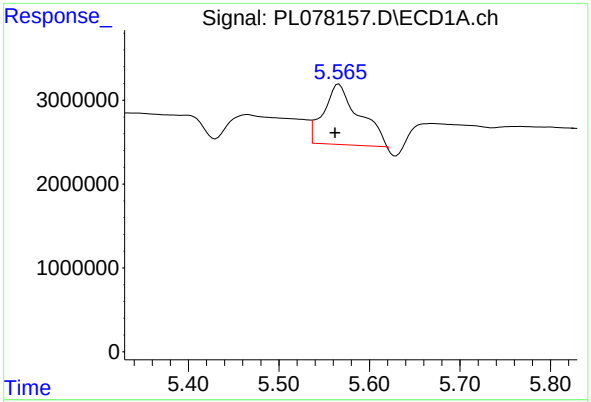

#7 delta-BHC

R.T.: 4.667 min
Delta R.T.: -0.004 min
Response: 811143
Conc: 0.33 ng/ml




#7 delta-BHC

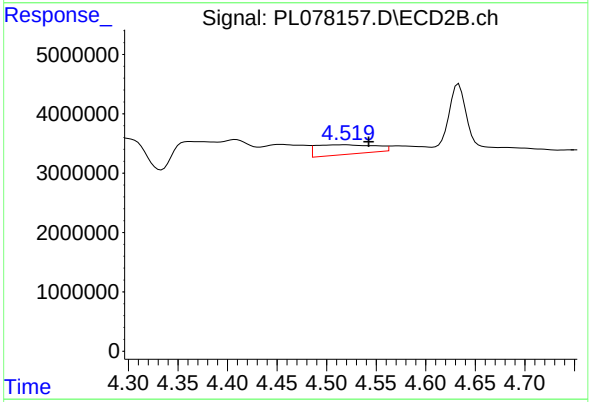
R.T.: 0.000 min
Exp R.T. : 3.961 min
Response: 0
Conc: N.D.




#8 Heptachlor epoxide

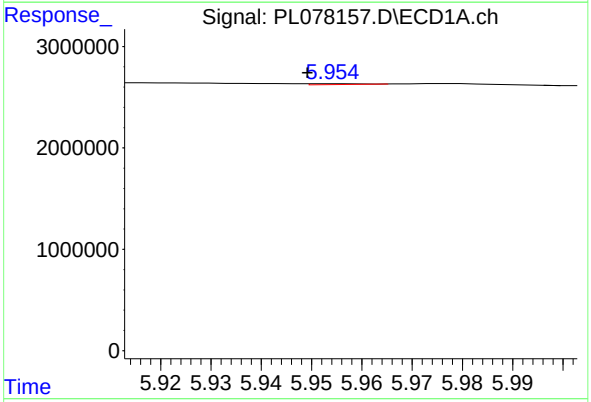
R.T.: 5.566 min
Delta R.T.: 0.004 min
Response: 19372442
Conc: 9.16 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM214



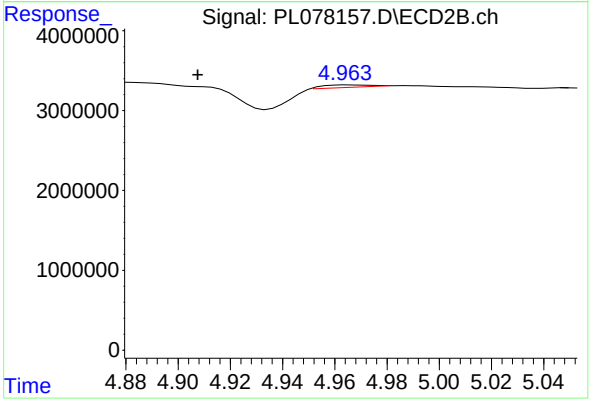

#8 Heptachlor epoxide

R.T.: 4.520 min
Delta R.T.: -0.022 min
Response: 6774210
Conc: 1.72 ng/ml



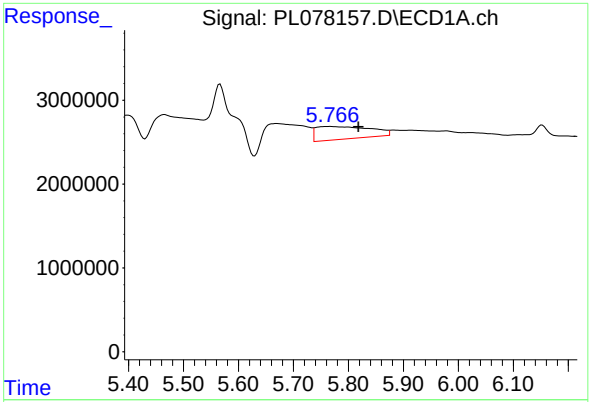

#9 Endosulfan I

R.T.: 5.955 min
Delta R.T.: 0.006 min
Response: 56185
Conc: N.D.




#9 Endosulfan I

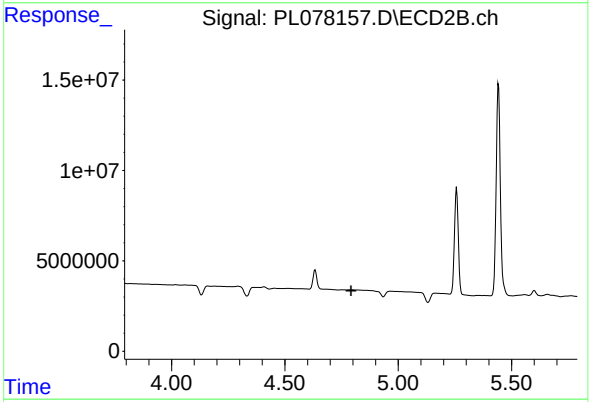
R.T.: 4.965 min
Delta R.T.: 0.058 min
Response: 453382
Conc: 0.13 ng/ml




#10 trans-Chlordane

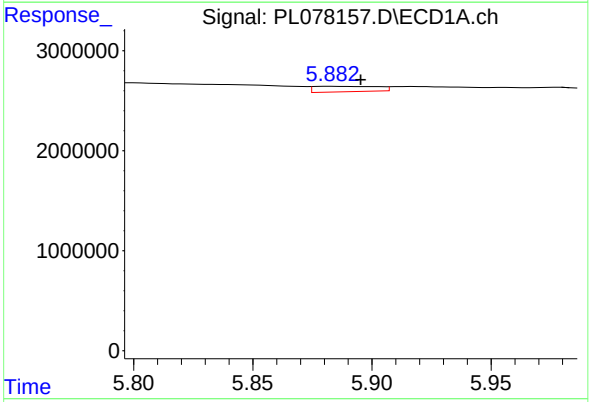
R.T.: 5.767 min
Delta R.T.: -0.051 min
Response: 10442064
Conc: 5.35 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM214



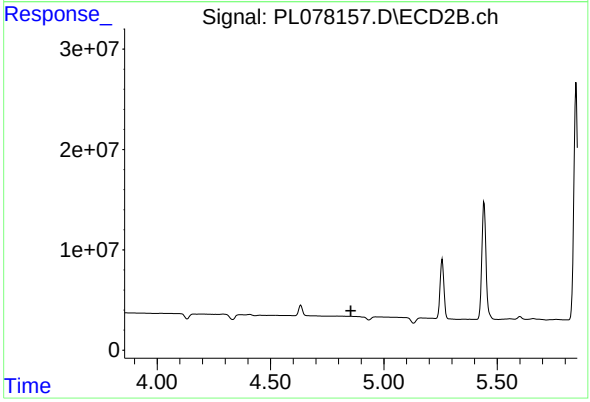

#10 trans-Chlordane

R.T.: 0.000 min
Exp R.T. : 4.792 min
Response: 0
Conc: N.D.



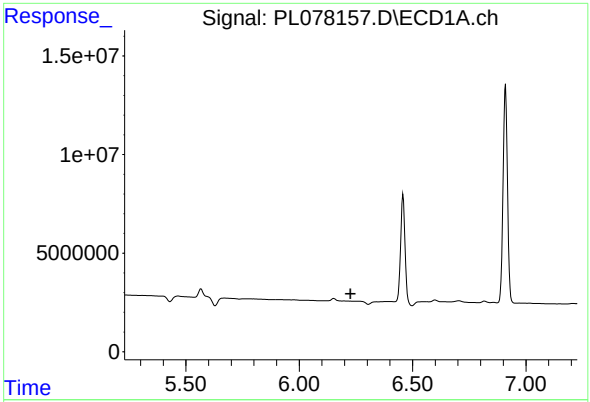

#11 cis-Chlordane

R.T.: 5.884 min
Delta R.T.: -0.011 min
Response: 1012635
Conc: 0.54 ng/ml




#11 cis-Chlordane

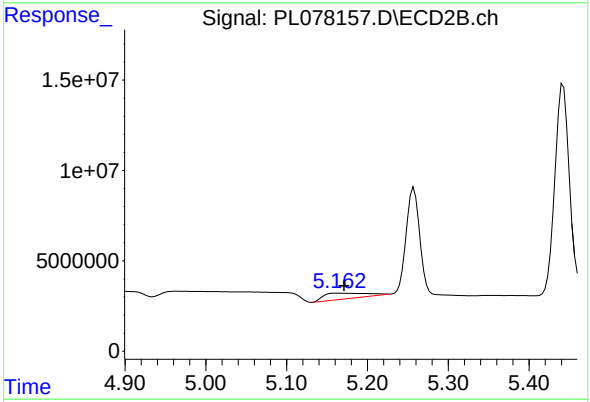
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.




#13 Dieldrin

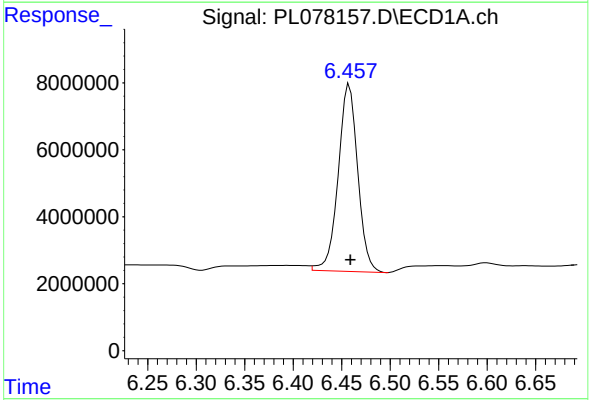
R.T.: 0.000 min
Exp R.T. : 6.227 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
PEM214



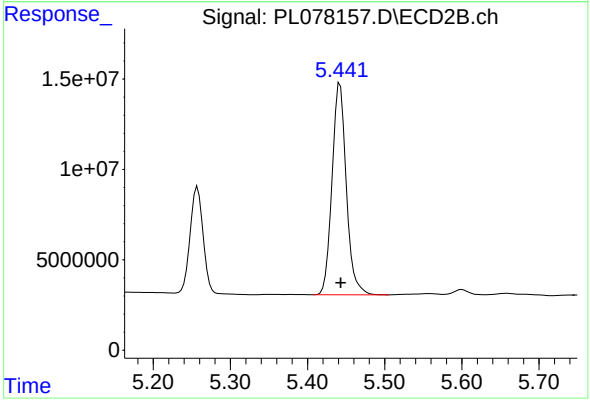

#13 Dieldrin

R.T.: 5.163 min
Delta R.T.: -0.008 min
Response: 11545534
Conc: 2.97 ng/ml



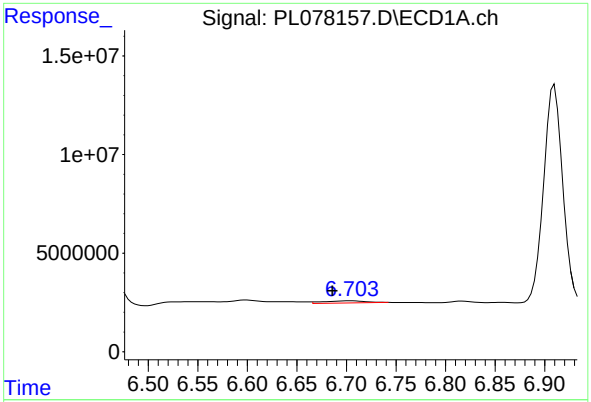

#14 Endrin

R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 78194001
Conc: 48.49 ng/ml




#14 Endrin

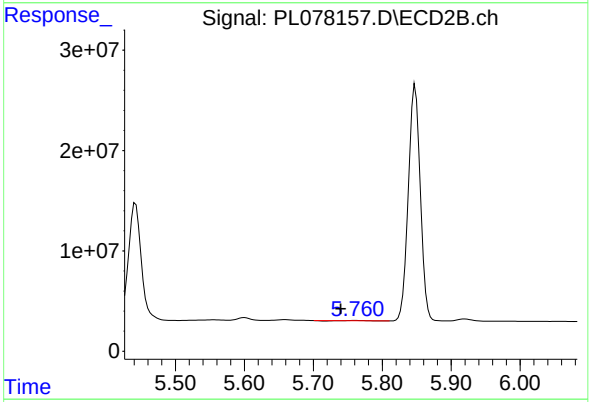
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 150660144
Conc: 46.72 ng/ml




#15 Endosulfan II

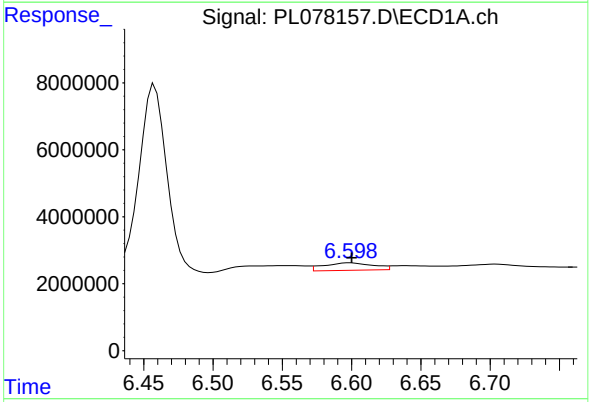
R.T.: 6.704 min
Delta R.T.: 0.019 min
Response: 3090027
Conc: 1.92 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM214



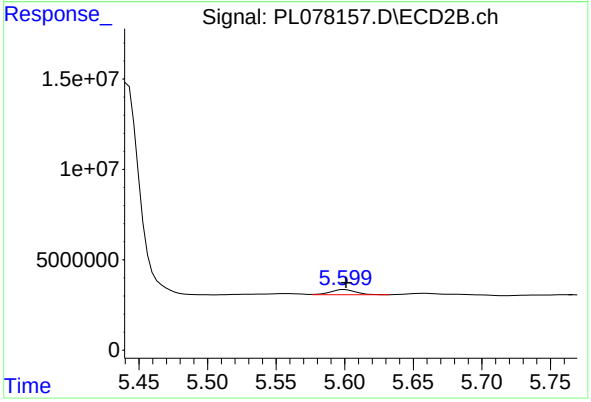

#15 Endosulfan II

R.T.: 5.762 min
Delta R.T.: 0.022 min
Response: 263812
Conc: N.D.



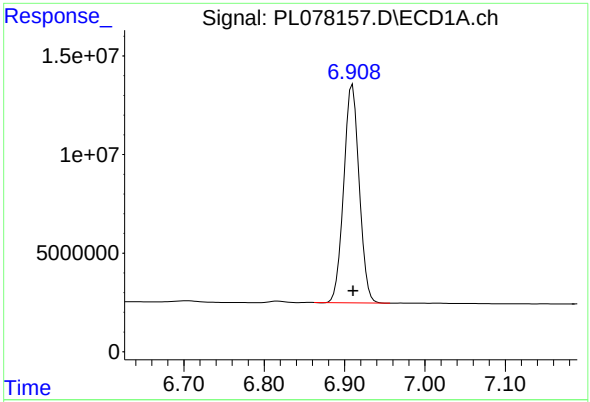

#16 4,4'-DDD

R.T.: 6.599 min
Delta R.T.: -0.001 min
Response: 5494529
Conc: 4.05 ng/ml




#16 4,4'-DDD

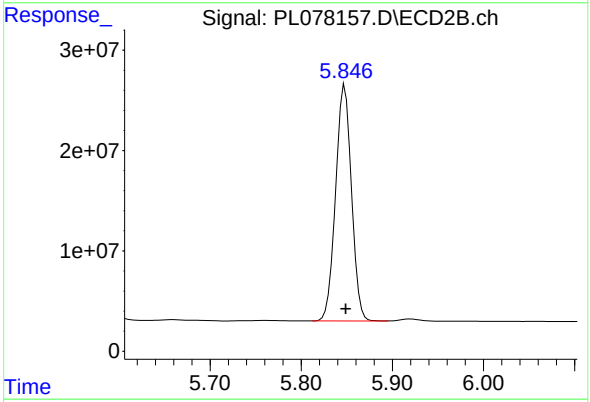
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 3652837
Conc: 1.21 ng/ml




#17 4,4'-DDT

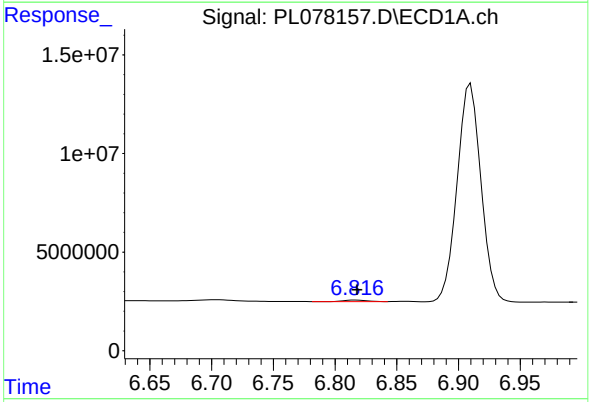
R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 148191375
Conc: 101.82 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM214



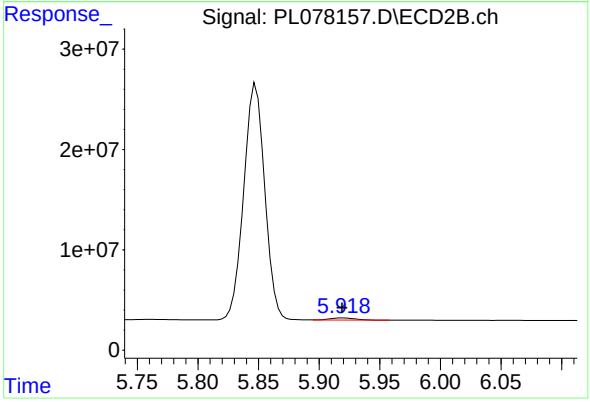

#17 4,4'-DDT

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 284885735
Conc: 94.30 ng/ml



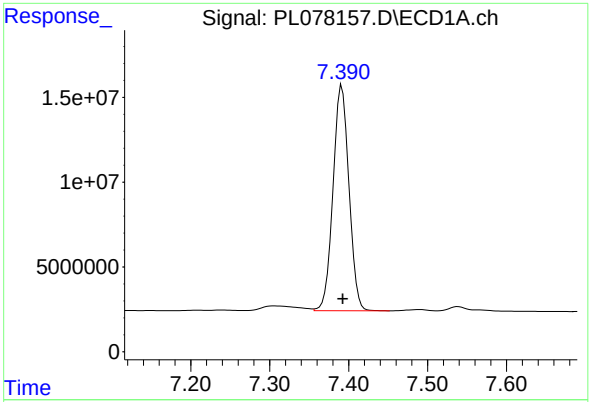

#18 Endrin aldehyde

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 985161
Conc: 0.73 ng/ml




#18 Endrin aldehyde

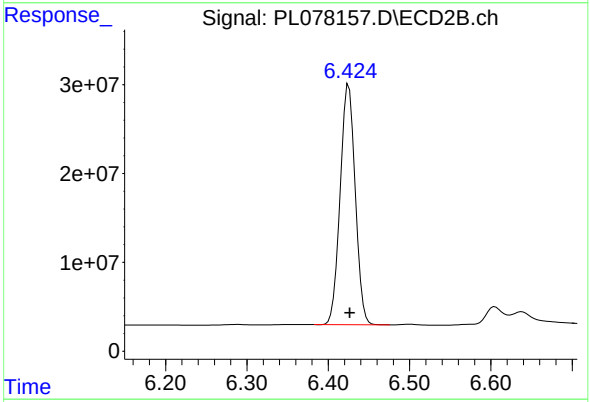
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 3114855
Conc: 1.20 ng/ml




#20 Methoxychlor

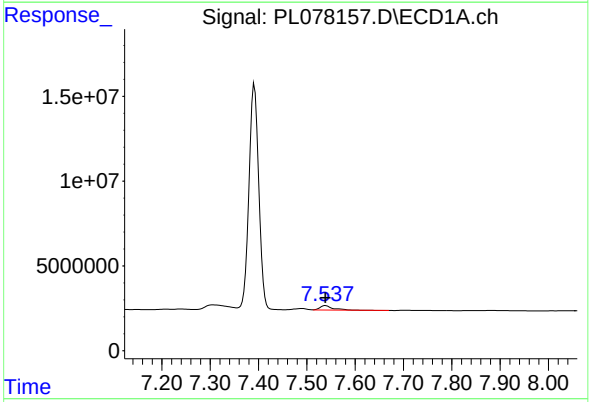
R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 186593716
Conc: 248.80 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM214



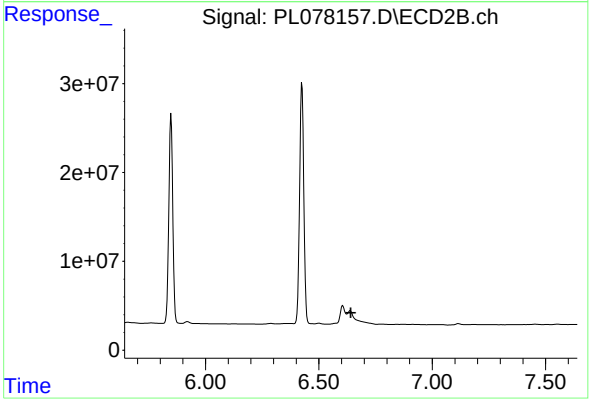

#20 Methoxychlor

R.T.: 6.425 min
Delta R.T.: -0.001 min
Response: 347564301
Conc: 233.54 ng/ml



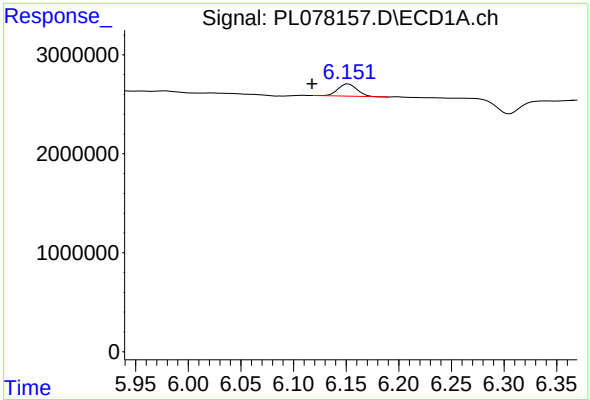

#21 Endrin ketone

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 5159793
Conc: 3.21 ng/ml




#21 Endrin ketone

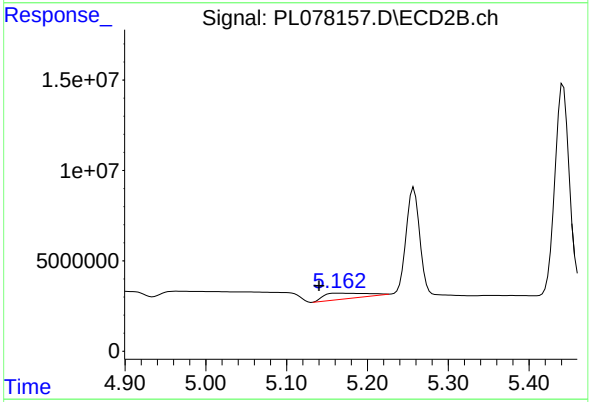
R.T.: 6.638 min
Delta R.T.: -0.003 min
Response: -12734358
Conc: N.D.




#22 Toxaphene-1

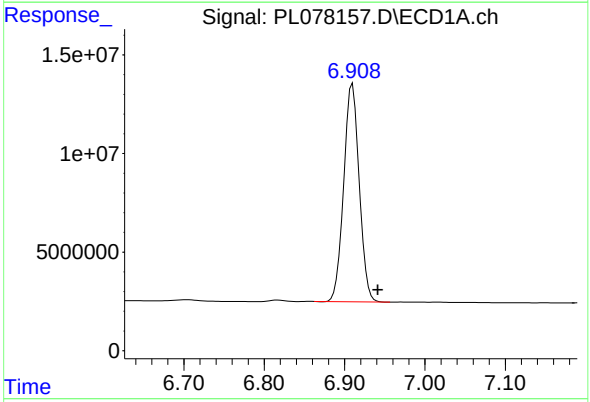
R.T.: 6.152 min
Delta R.T.: 0.034 min
Response: 1590154
Conc: 113.63 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM214



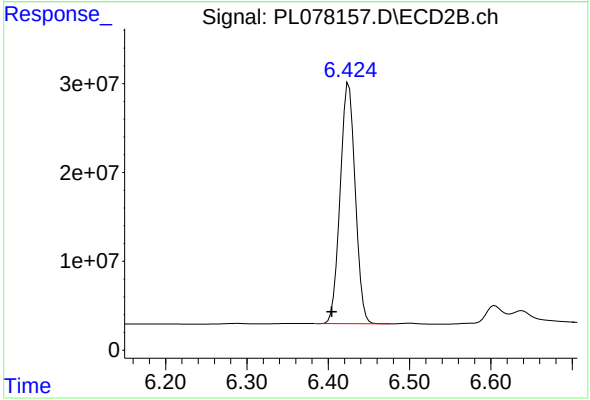

#22 Toxaphene-1

R.T.: 5.163 min
Delta R.T.: 0.023 min
Response: 11545534
Conc: 713.87 ng/ml



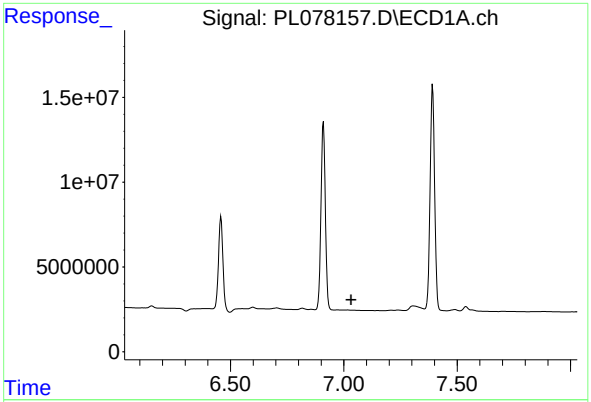

#23 Toxaphene-2

R.T.: 6.910 min
Delta R.T.: -0.031 min
Response: 148191375
Conc: 3623.81 ng/ml




#23 Toxaphene-2

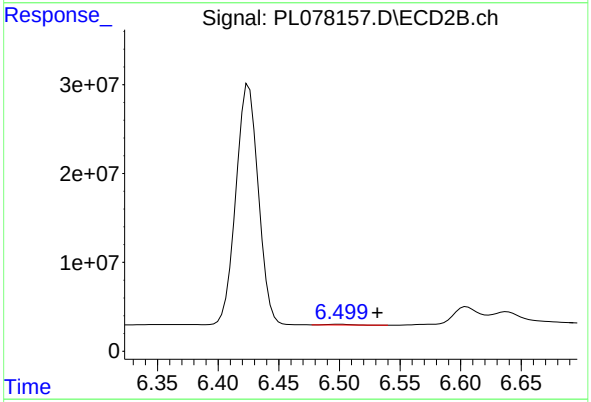
R.T.: 6.425 min
Delta R.T.: 0.021 min
Response: 347564301
Conc: 5168.50 ng/ml




#24 Toxaphene-3

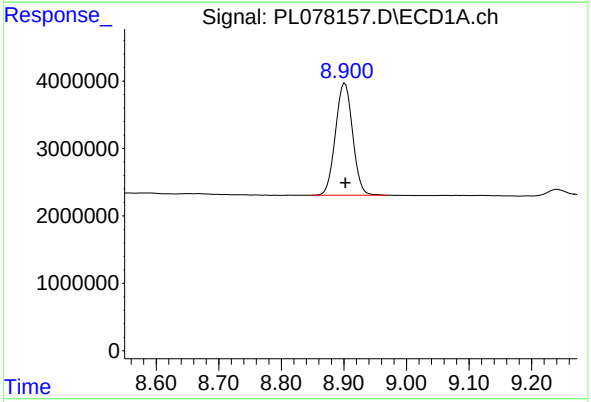
R.T.: 0.000 min
Exp R.T. : 7.033 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
PEM214



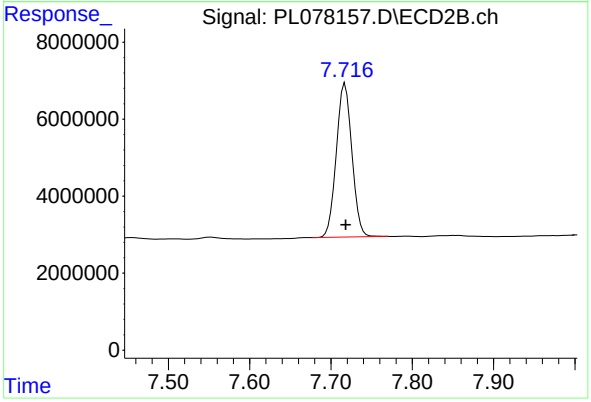

#24 Toxaphene-3

R.T.: 6.501 min
Delta R.T.: -0.030 min
Response: 860999
Conc: 9.46 ng/ml




#27 Decachlorobiphenyl

R.T.: 8.902 min
Delta R.T.: 0.000 min
Response: 31805882
Conc: 20.98 ng/ml




#27 Decachlorobiphenyl

R.T.: 7.717 min
Delta R.T.: 0.000 min
Response: 53155034
Conc: 19.63 ng/ml