Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031120\
Data File : PL057259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2020 04:00
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 99 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 06:53:12 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
Quant Title : GC Extractables
QLast Update : Wed Mar 11 17:44:01 2020
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... | 3.460 | 3.958 | 174.5E6 | 41665162 | 20.472 | 19.529 | |
| 28) | SA Decachlor... | 8.208 | 8.981 | 179.8E6 | 39249244 | 18.601 | 18.472 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 3.897 | 4.345 | 136.3E6 | 27604223 | 9.200 | 8.738 | |
| 3) | MA gamma-BHC... | 4.181 | 4.628 | 123.3E6 | 26152737 | 8.976 | 8.413 | |
| 4) | MA Heptachlor | 0.000 | 5.138 | 0 | 3267655 | N.D. | 1.050 | # |
| 5) | MB Aldrin | 4.726 | 0.000 | 1725536 | 0 | 0.134 | N.D. | # |
| 6) | B beta-BHC | 4.432 | 4.801 | 53134562 | 15234842 | 10.031 | 10.810 | |
| 8) | B Heptachlo... | 5.174 | 5.802f | 11860 | 2477594 | 0.001 | 0.894 | # |
| 9) | A Endosulfan I | 5.500 | 0.000 | 732502 | 0 | 0.065 | N.D. | # |
| 10) | B gamma-Chl... | 5.390 | 0.000 | 576316 | 0 | 0.046 | N.D. | # |
| 11) | B alpha-Chl... | 5.433f | 0.000 | 899819 | 0 | 0.073 | N.D. | # |
| 12) | B 4,4'-DDE | 5.619 | 6.280 | 3106595 | 543532 | 0.265 | 0.192 | # |
| 13) | MA Dieldrin | 5.766 | 6.426 | 1959084 | 104323 | 0.160 | 0.035 | # |
| 14) | MA Endrin | 6.010 | 6.643 | 510.9E6 | 106.1E6 | 46.960 | 41.158 | |
| 15) | B Endosulfa... | 6.278 | 6.869 | 5202573 | 1935039 | 0.482 | 0.690 | # |
| 16) | A 4,4'-DDD | 6.136 | 6.769 | 41866960 | 10731432 | 4.325 | 4.405 | |
| 17) | MA 4,4'-DDT | 6.376 | 7.067 | 889.9E6 | 193.1E6 | 90.940 | 78.498 | |
| 18) | B Endrin al... | 6.450 | 6.976 | 9932101 | 1781494 | 1.110 | 0.769 | # |
| 19) | B Endosulfa... | 6.699f | 0.000 | 687258 | 0 | 0.069 | N.D. | # |
| 20) | A Methoxychlor | 6.922 | 7.526 | 1126.4E6 | 250.2E6 | 225.914 | 200.272 | |
| 21) | B Endrin ke... | 7.154 | 7.667 | 27852748 | 6485692 | 2.466 | 2.367 | |
| 22) | Mirex | 7.334 | 0.000 | 1152364 | 0 | 0.142 | N.D. | # |
| 23) | Chlordane-1 | 4.360f | 0.000 | 2590131 | 0 | 8.522 | N.D. | # |
| 24) | Chlordane-2 | 4.839 | 0.000 | 1876393 | 0 | 5.321 | N.D. | # |
| 25) | Chlordane-3 | 5.390 | 0.000 | 576316 | 0 | 0.534 | N.D. | # |
| 26) | Chlordane-4 | 5.433f | 0.000 | 899819 | 0 | 0.979 | N.D. | # |
| 27) | Chlordane-5 | 6.278f | 0.000 | 5202573 | 0 | 14.323 | N.D. | # |

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

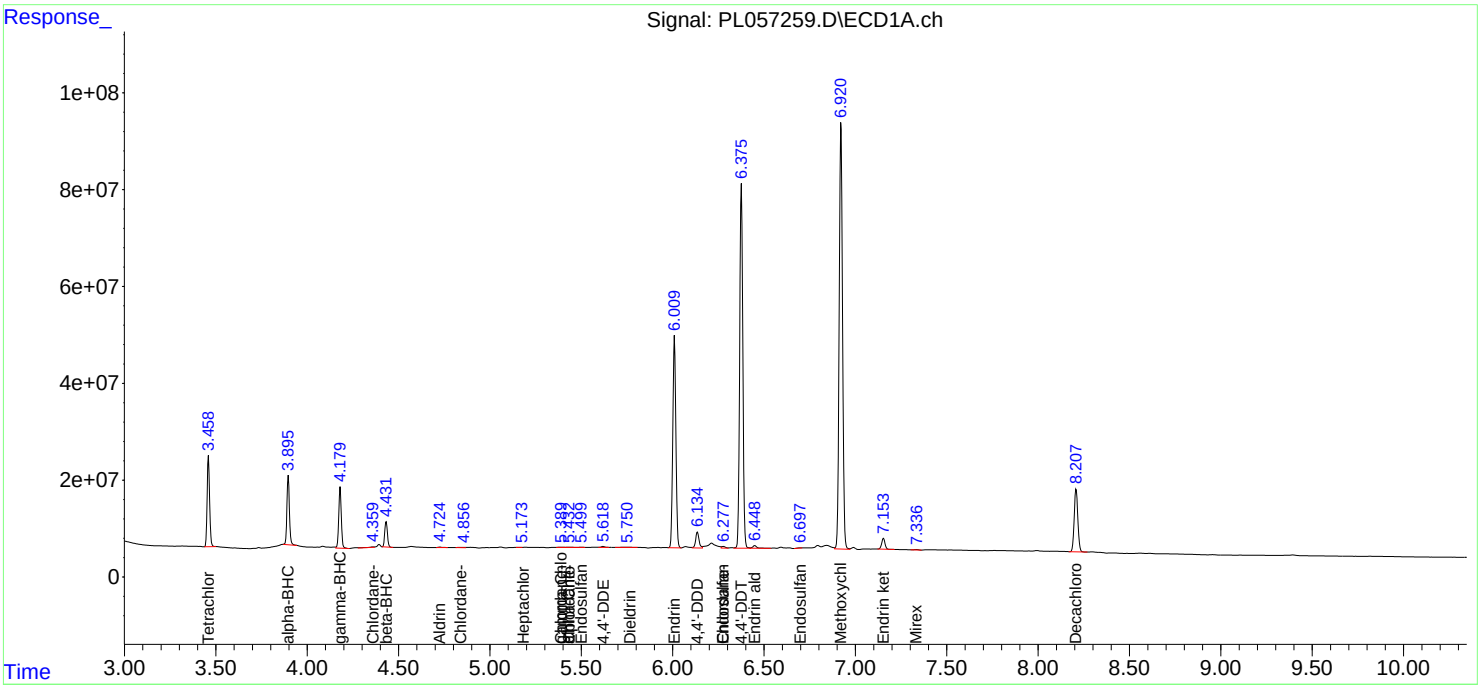
Quantitation Report (Not Reviewed)

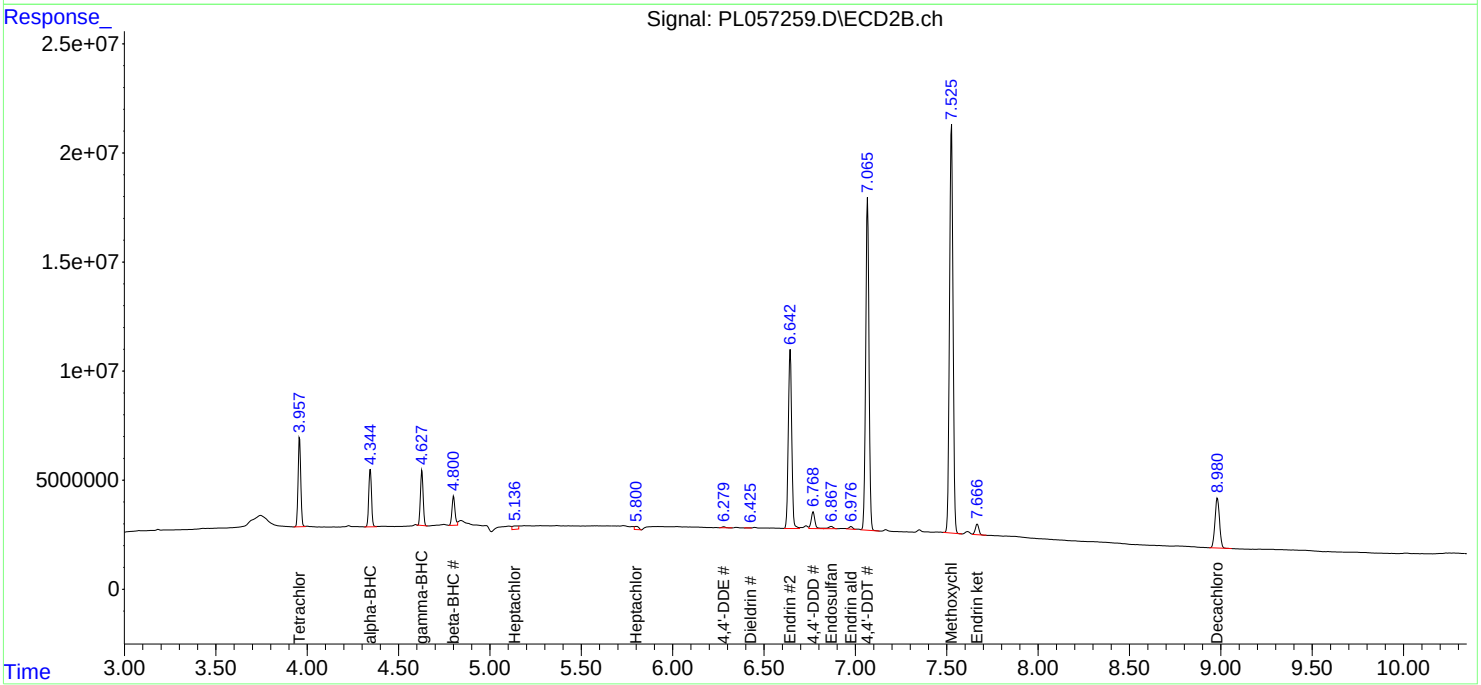
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031120\
Data File : PL057259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2020 04:00
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 99 Sample Multiplier: 1

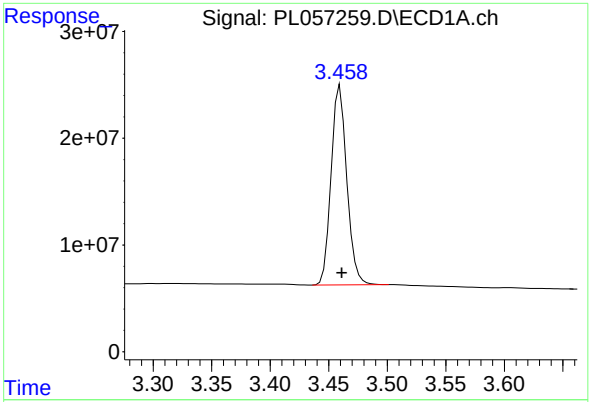
**Instrument :**
ECD_L
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 06:53:12 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
Quant Title : GC Extractables
QLast Update : Wed Mar 11 17:44:01 2020
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



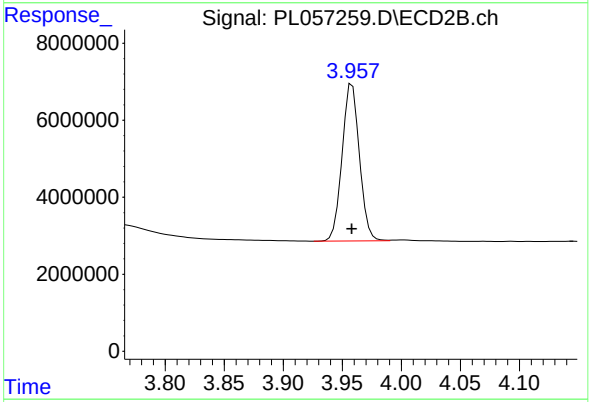






#1 Tetrachloro-m-xylene

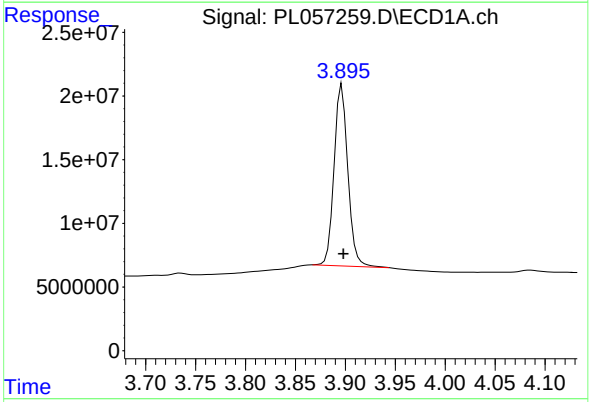
R.T.: 3.460 min
Delta R.T.: -0.001 min
Response: 174465385
Conc: 20.47 ng/ml

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



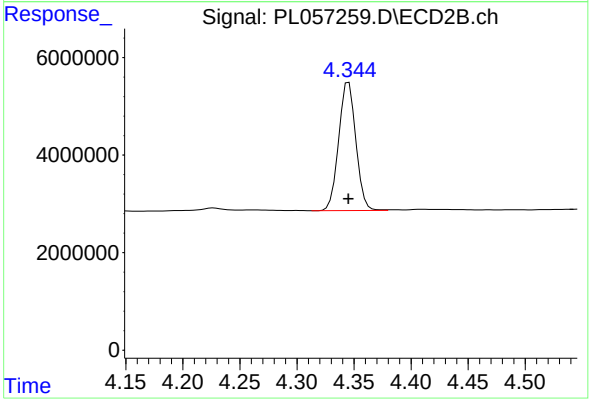

#1 Tetrachloro-m-xylene

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 41665162
Conc: 19.53 ng/ml



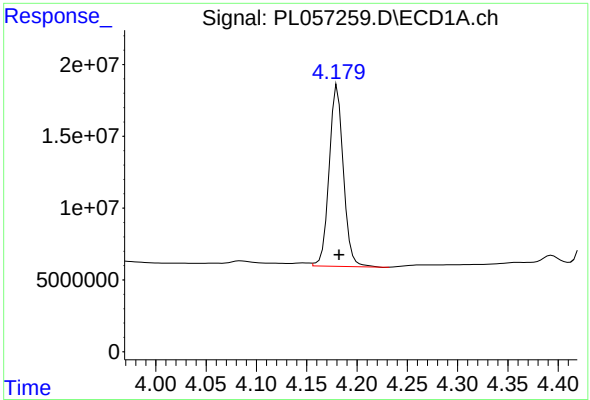

#2 alpha-BHC

R.T.: 3.897 min
Delta R.T.: -0.001 min
Response: 136338862
Conc: 9.20 ng/ml




#2 alpha-BHC

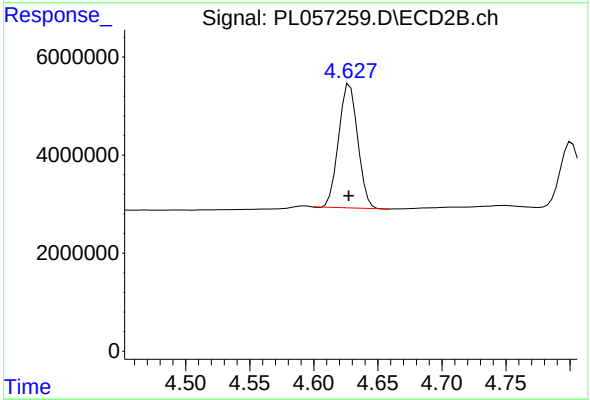
R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 27604223
Conc: 8.74 ng/ml




#3 gamma-BHC (Lindane)

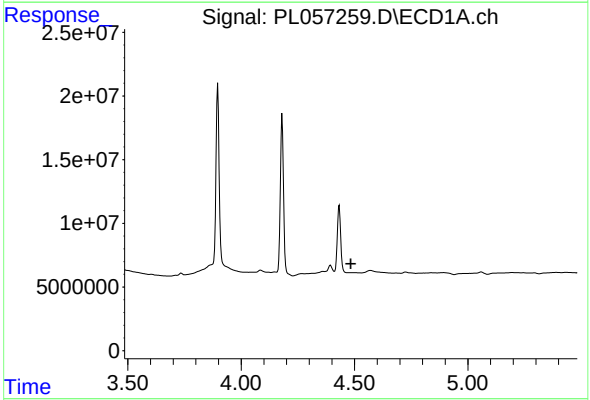
R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 123330353
Conc: 8.98 ng/ml

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



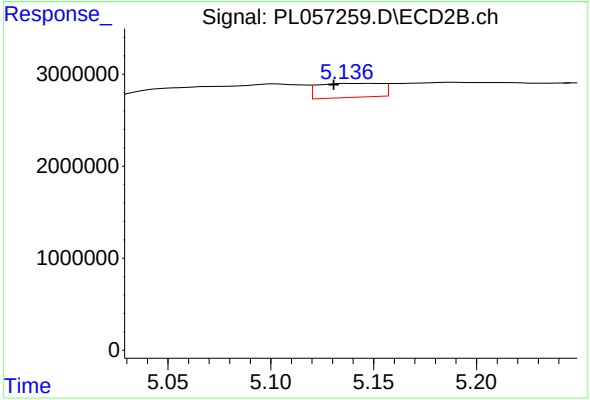

#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 26152737
Conc: 8.41 ng/ml



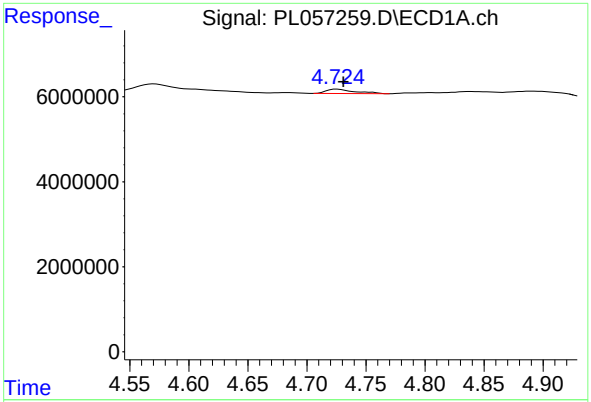

#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.483 min
Response: 0
Conc: N.D.




#4 Heptachlor

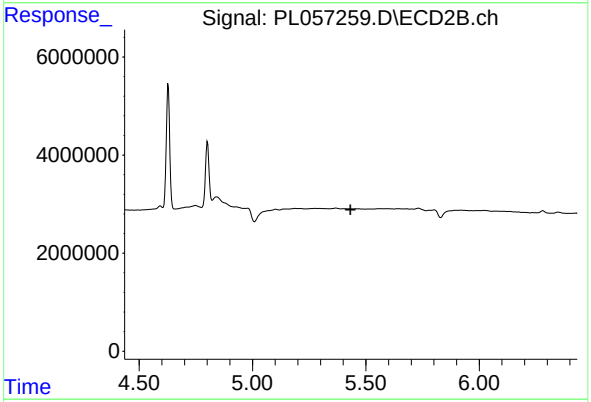
R.T.: 5.138 min
Delta R.T.: 0.007 min
Response: 3267655
Conc: 1.05 ng/ml




#5 Aldrin

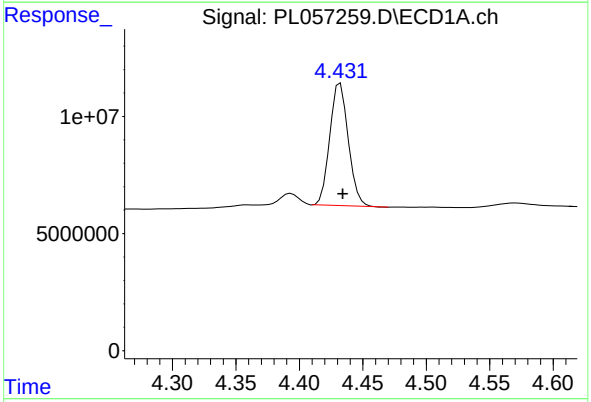
R.T.: 4.726 min
Delta R.T.: -0.005 min
Response: 1725536
Conc: 0.13 ng/ml

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



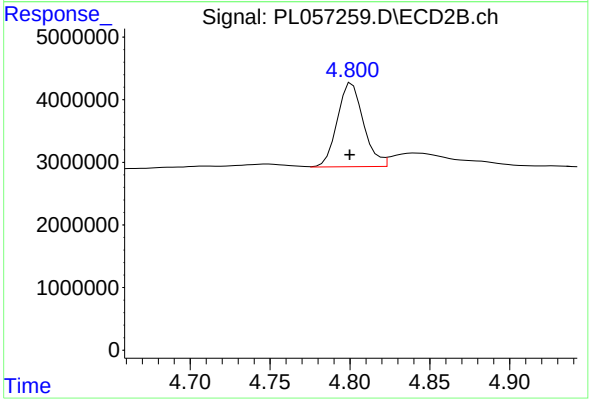

#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.432 min
Response: 0
Conc: N.D.



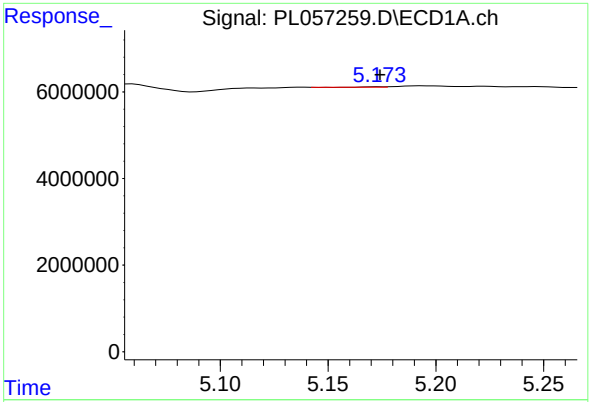

#6 beta-BHC

R.T.: 4.432 min
Delta R.T.: -0.002 min
Response: 53134562
Conc: 10.03 ng/ml




#6 beta-BHC

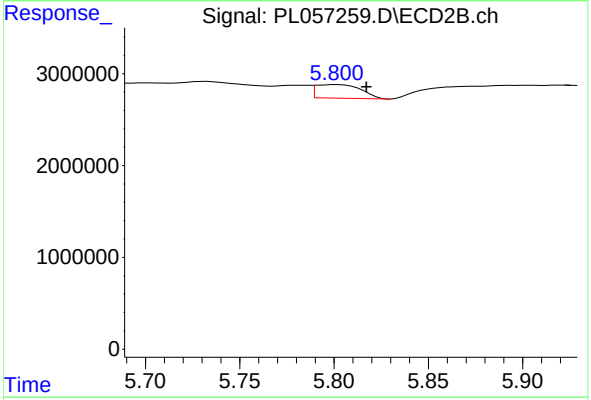
R.T.: 4.801 min
Delta R.T.: 0.001 min
Response: 15234842
Conc: 10.81 ng/ml




#8 Heptachlor epoxide

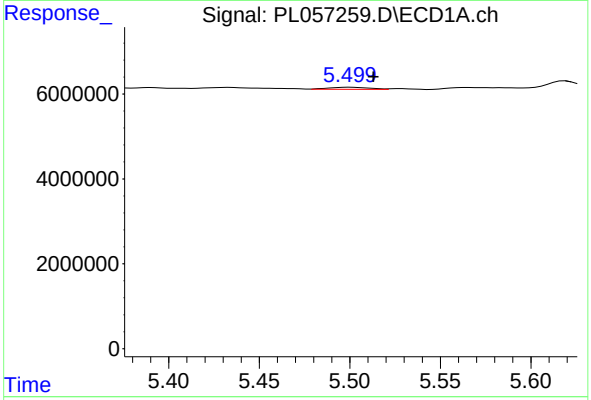
R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 11860
Conc: 0.00 ng/ml

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



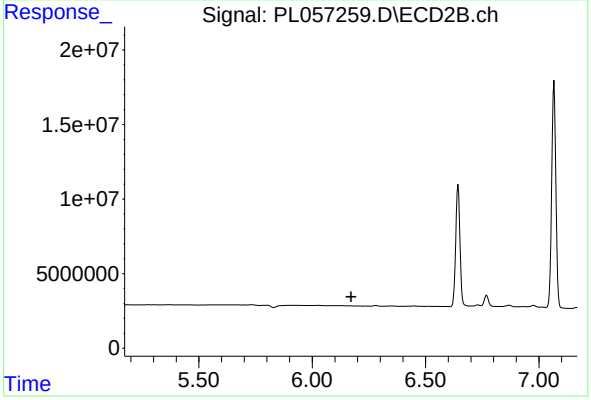

#8 Heptachlor epoxide

R.T.: 5.802 min
Delta R.T.: -0.016 min
Response: 2477594
Conc: 0.89 ng/ml



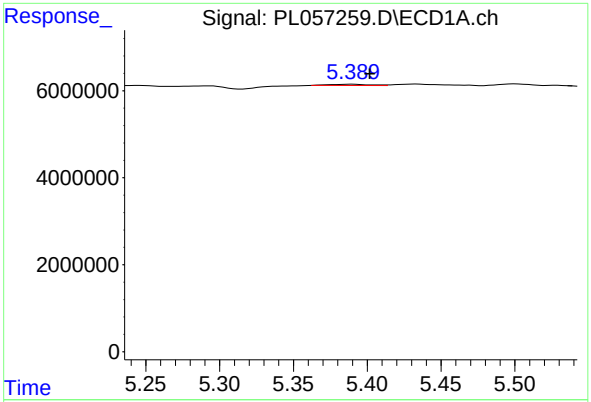

#9 Endosulfan I

R.T.: 5.500 min
Delta R.T.: -0.013 min
Response: 732502
Conc: 0.06 ng/ml




#9 Endosulfan I

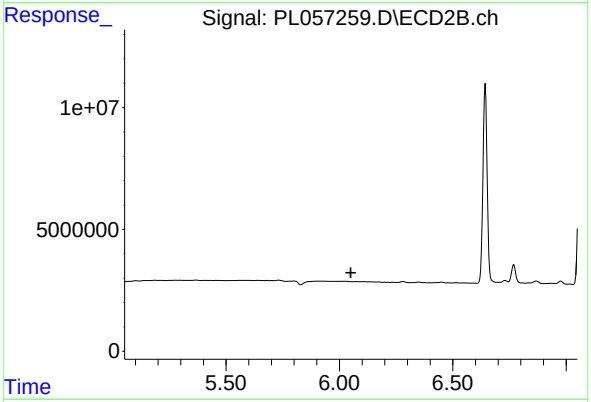
R.T.: 0.000 min
Exp R.T. : 6.172 min
Response: 0
Conc: N.D.




#10 gamma-Chlordane

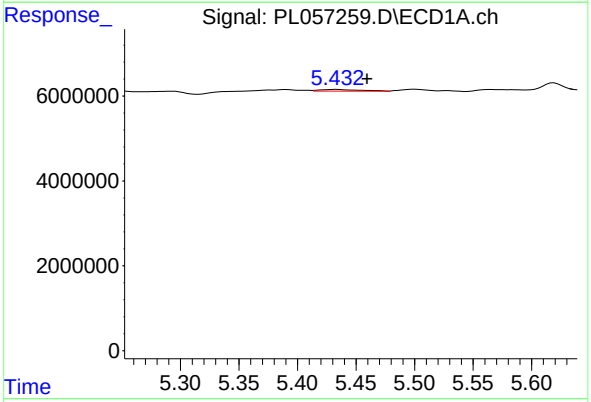
R.T.: 5.390 min
Delta R.T.: -0.012 min
Response: 576316
Conc: 0.05 ng/ml

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



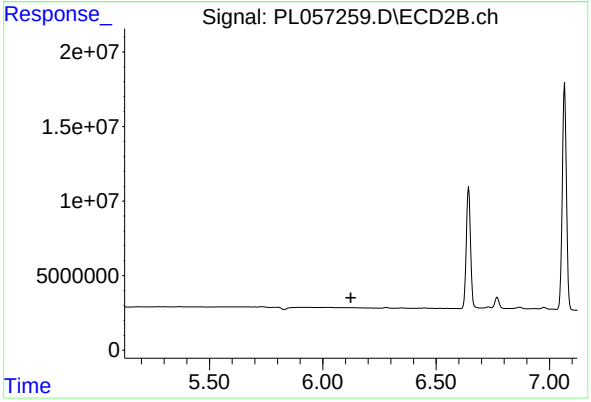

#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.051 min
Response: 0
Conc: N.D.



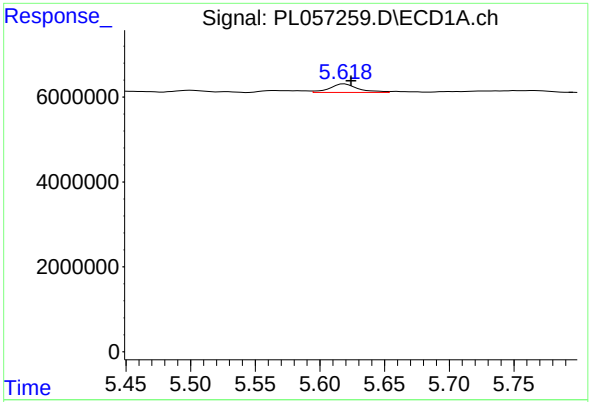

#11 alpha-Chlordane

R.T.: 5.433 min
Delta R.T.: -0.026 min
Response: 899819
Conc: 0.07 ng/ml




#11 alpha-Chlordane

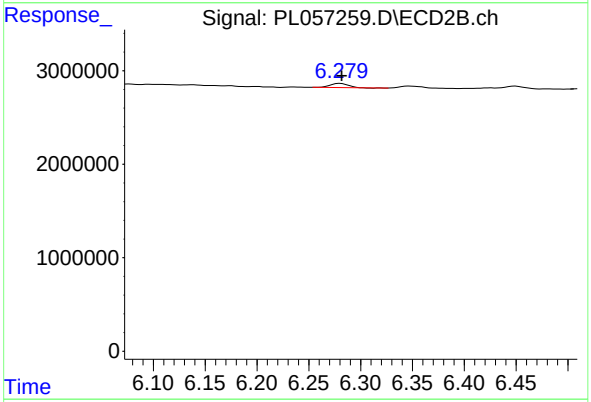
R.T.: 0.000 min
Exp R.T. : 6.123 min
Response: 0
Conc: N.D.




#12 4,4'-DDE

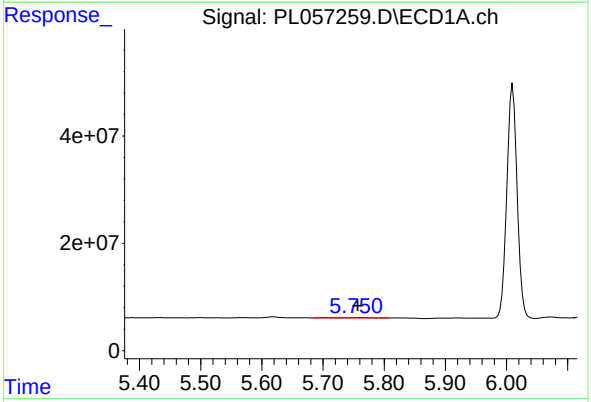
R.T.: 5.619 min
Delta R.T.: -0.005 min
Response: 3106595
Conc: 0.27 ng/ml

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



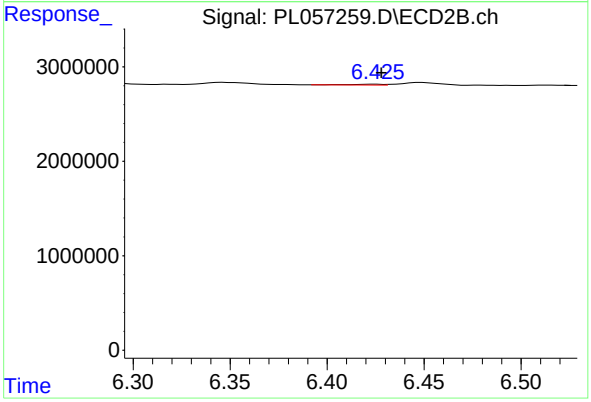

#12 4,4'-DDE

R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 543532
Conc: 0.19 ng/ml



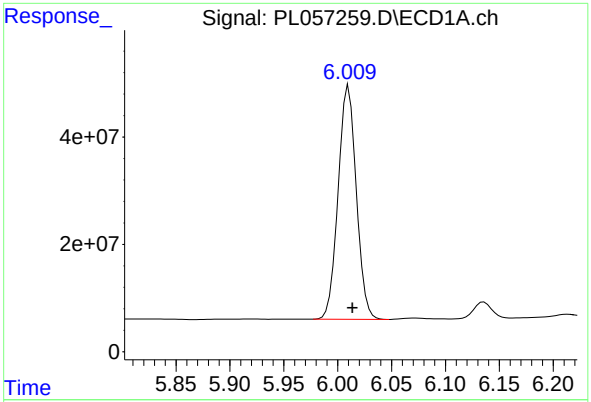

#13 Dieldrin

R.T.: 5.766 min
Delta R.T.: 0.009 min
Response: 1959084
Conc: 0.16 ng/ml




#13 Dieldrin

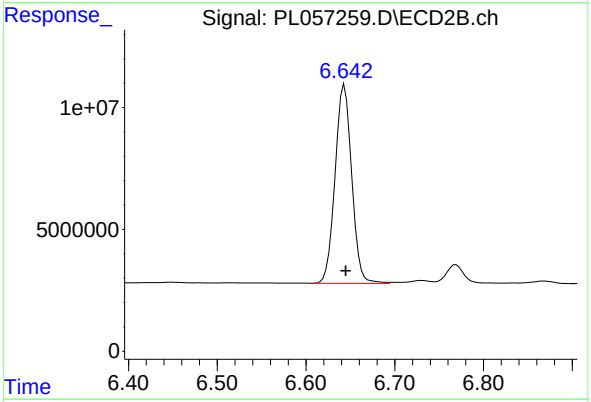
R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 104323
Conc: 0.04 ng/ml




#14 Endrin

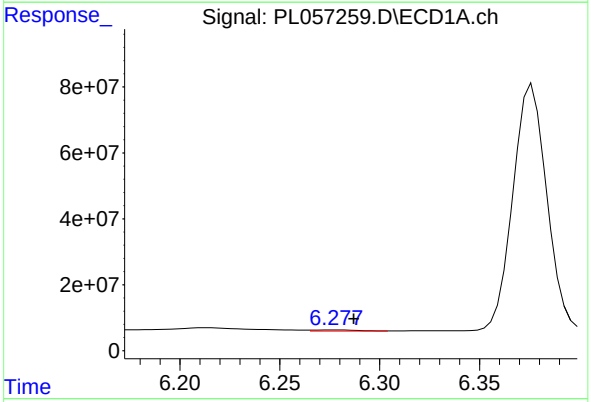
R.T.: 6.010 min
Delta R.T.: -0.004 min
Response: 510903369
Conc: 46.96 ng/ml

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



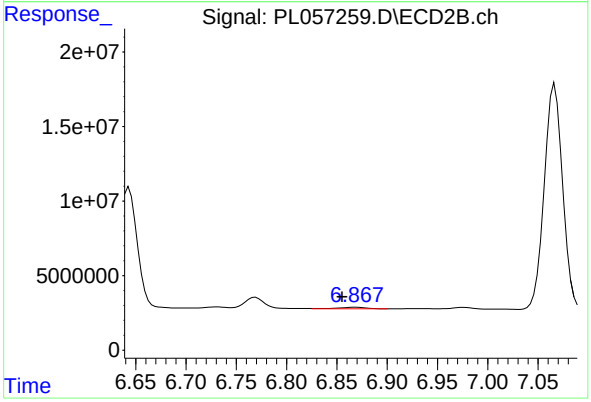

#14 Endrin

R.T.: 6.643 min
Delta R.T.: -0.001 min
Response: 106138108
Conc: 41.16 ng/ml



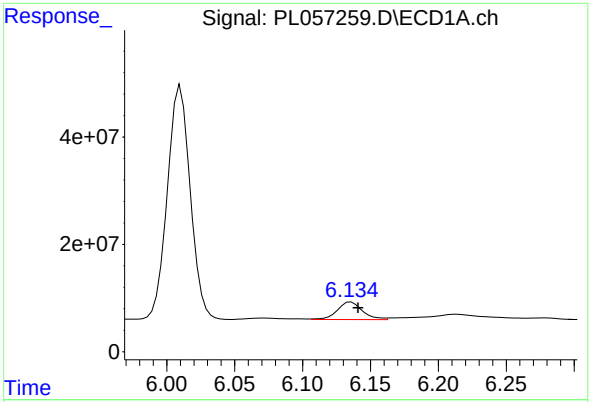

#15 Endosulfan II

R.T.: 6.278 min
Delta R.T.: -0.009 min
Response: 5202573
Conc: 0.48 ng/ml




#15 Endosulfan II

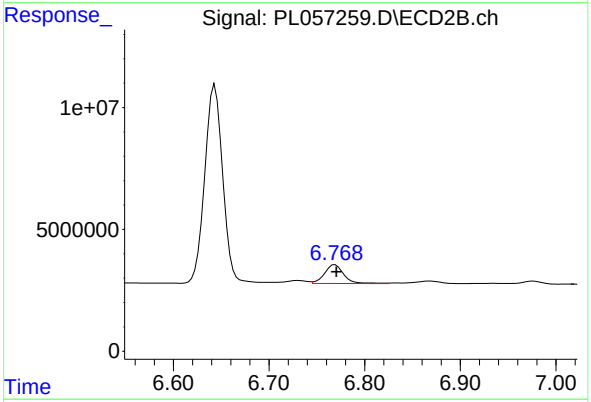
R.T.: 6.869 min
Delta R.T.: 0.014 min
Response: 1935039
Conc: 0.69 ng/ml




#16 4,4'-DDD

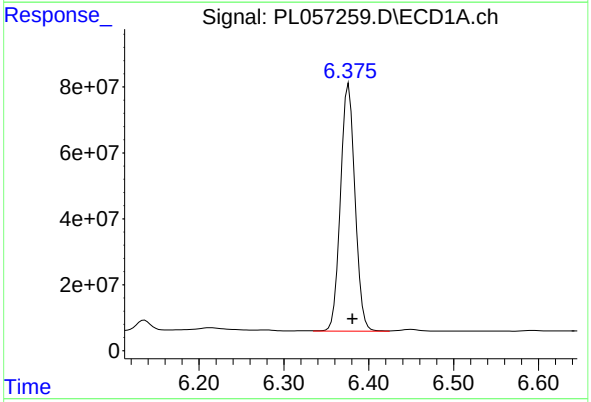
R.T.: 6.136 min
Delta R.T.: -0.005 min
Response: 41866960
Conc: 4.32 ng/ml

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



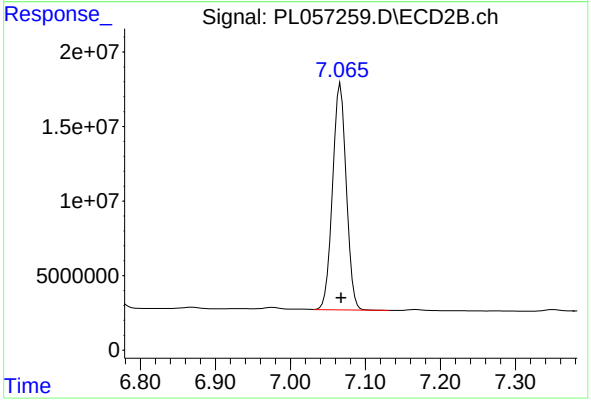

#16 4,4'-DDD

R.T.: 6.769 min
Delta R.T.: -0.001 min
Response: 10731432
Conc: 4.41 ng/ml



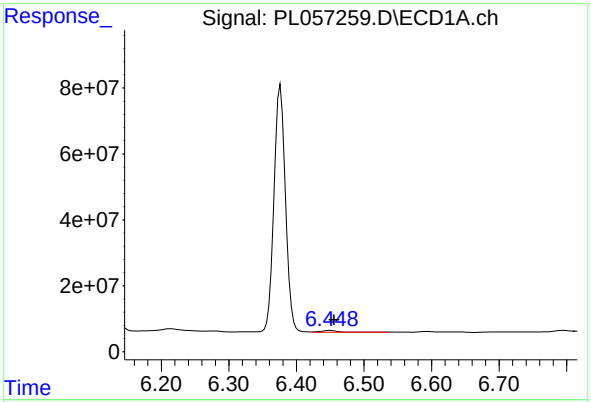

#17 4,4'-DDT

R.T.: 6.376 min
Delta R.T.: -0.004 min
Response: 889864381
Conc: 90.94 ng/ml




#17 4,4'-DDT

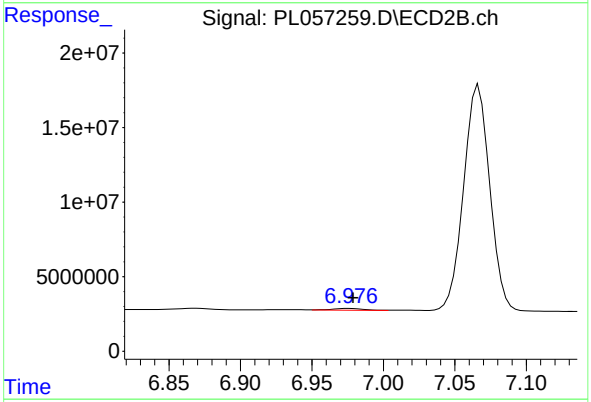
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 193100883
Conc: 78.50 ng/ml




#18 Endrin aldehyde

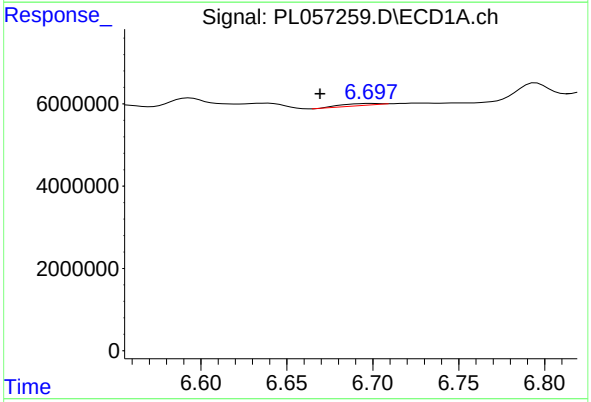
R.T.: 6.450 min
Delta R.T.: -0.006 min
Response: 9932101
Conc: 1.11 ng/ml

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



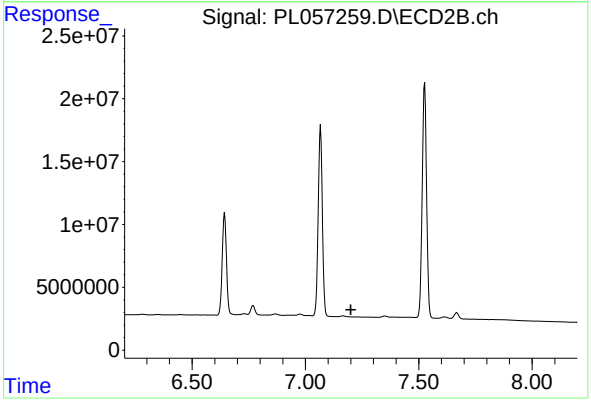

#18 Endrin aldehyde

R.T.: 6.976 min
Delta R.T.: -0.002 min
Response: 1781494
Conc: 0.77 ng/ml



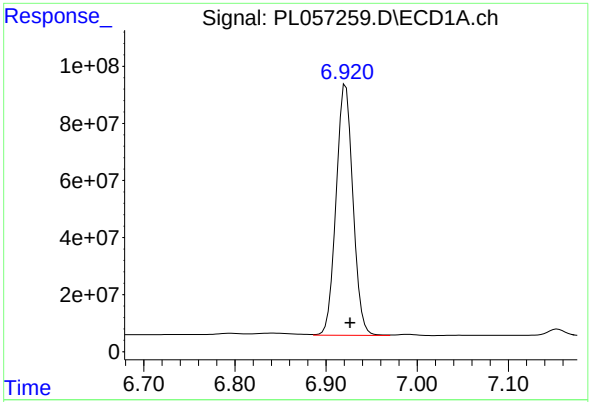

#19 Endosulfan Sulfate

R.T.: 6.699 min
Delta R.T.: 0.030 min
Response: 687258
Conc: 0.07 ng/ml




#19 Endosulfan Sulfate

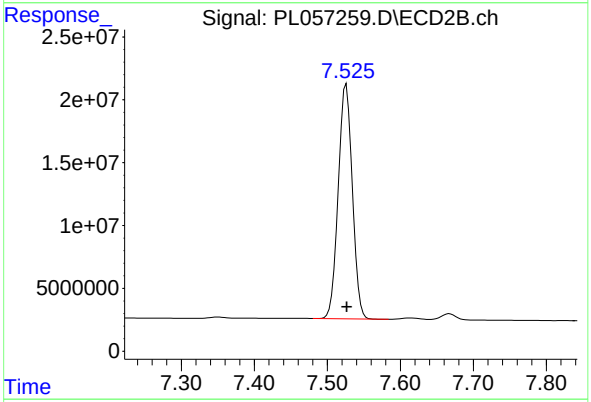
R.T.: 0.000 min
Exp R.T. : 7.201 min
Response: 0
Conc: N.D.




#20 Methoxychlor

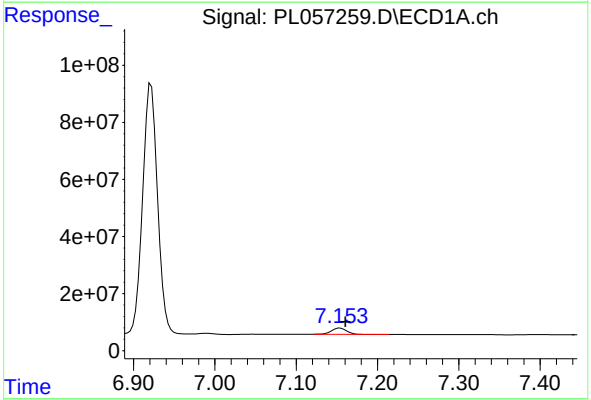
R.T.: 6.922 min
Delta R.T.: -0.005 min
Response: 1126443189
Conc: 225.91 ng/ml

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



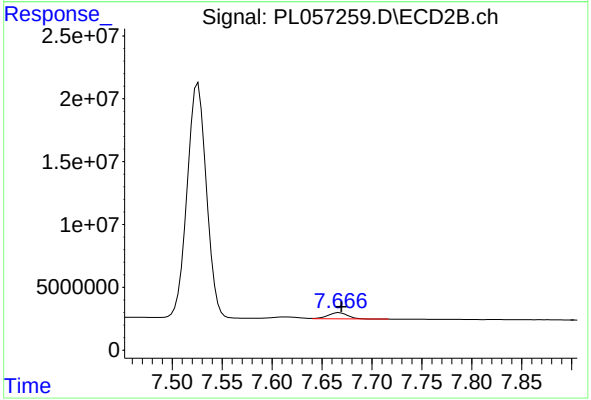

#20 Methoxychlor

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 250201426
Conc: 200.27 ng/ml



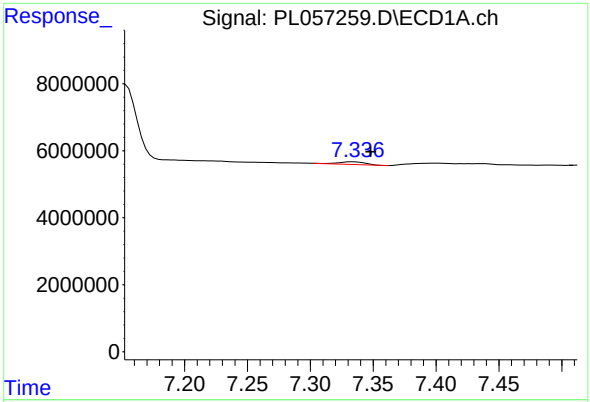

#21 Endrin ketone

R.T.: 7.154 min
Delta R.T.: -0.006 min
Response: 27852748
Conc: 2.47 ng/ml




#21 Endrin ketone

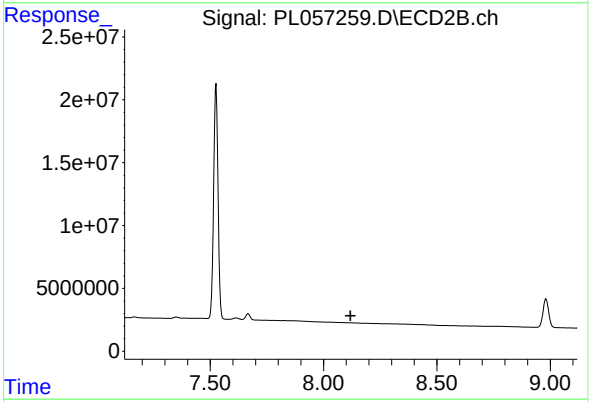
R.T.: 7.667 min
Delta R.T.: -0.002 min
Response: 6485692
Conc: 2.37 ng/ml




#22 Mirex

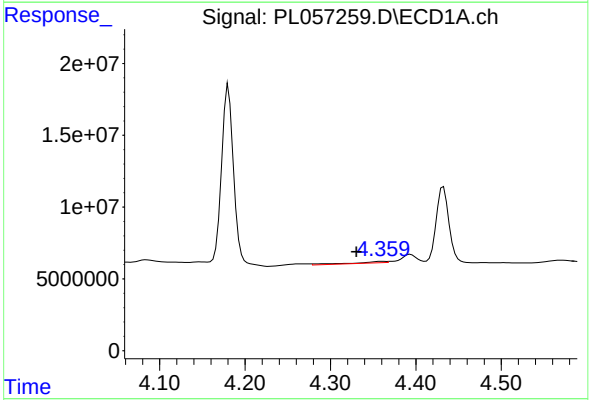
R.T.: 7.334 min
Delta R.T.: -0.014 min
Response: 1152364
Conc: 0.14 ng/ml

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



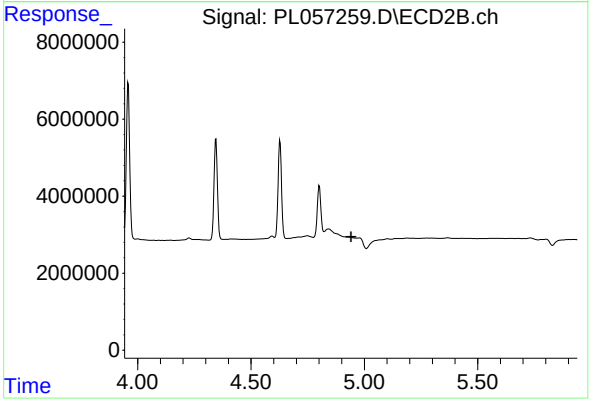

#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.119 min
Response: 0
Conc: N.D.



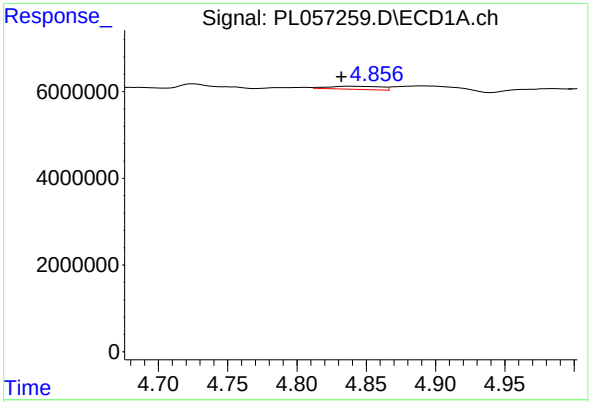

#23 Chlordane-1

R.T.: 4.360 min
Delta R.T.: 0.030 min
Response: 2590131
Conc: 8.52 ng/ml




#23 Chlordane-1

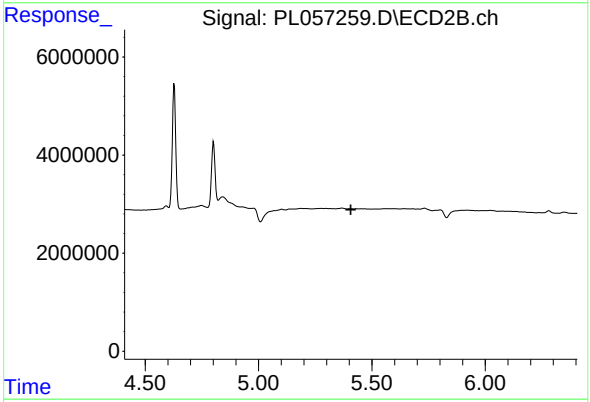
R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.




#24 Chlordane-2

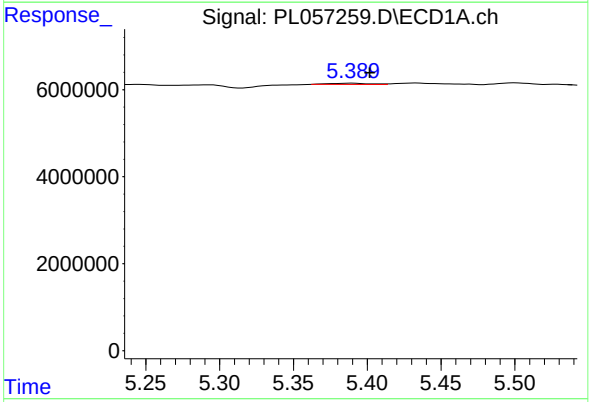
R.T.: 4.839 min
Delta R.T.: 0.006 min
Response: 1876393
Conc: 5.32 ng/ml

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



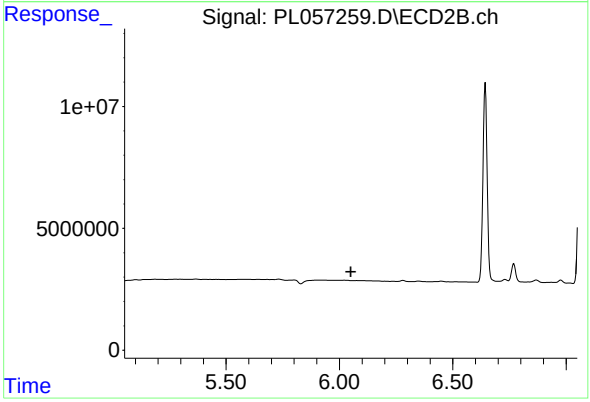

#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.407 min
Response: 0
Conc: N.D.



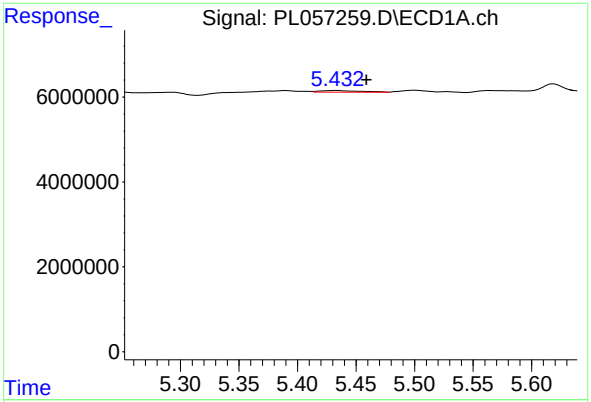

#25 Chlordane-3

R.T.: 5.390 min
Delta R.T.: -0.012 min
Response: 576316
Conc: 0.53 ng/ml




#25 Chlordane-3

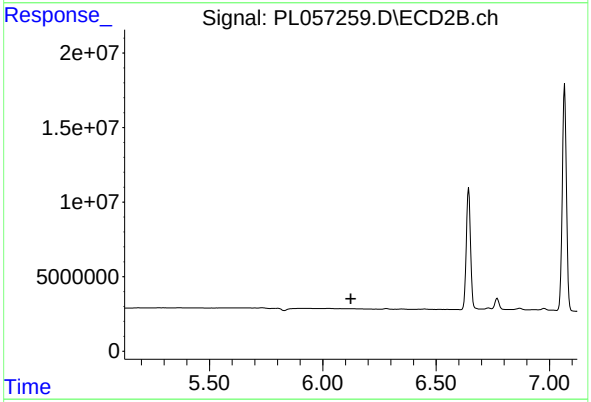
R.T.: 0.000 min
Exp R.T. : 6.050 min
Response: 0
Conc: N.D.




#26 Chlordane-4

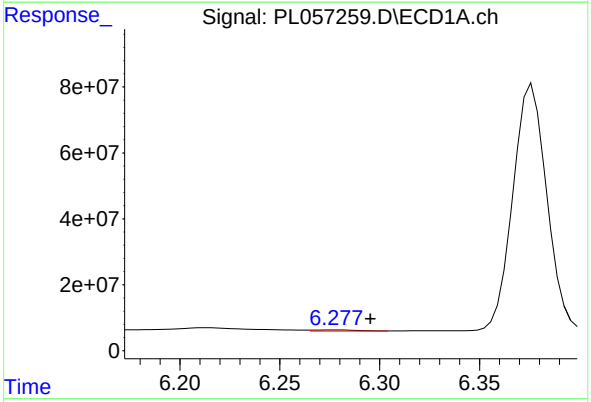
R.T.: 5.433 min
Delta R.T.: -0.025 min
Response: 899819
Conc: 0.98 ng/ml

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



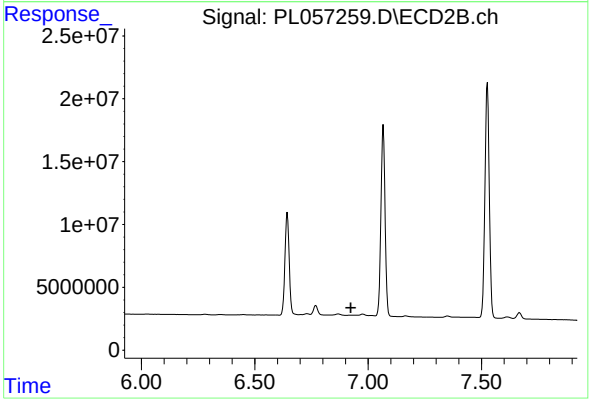

#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.123 min
Response: 0
Conc: N.D.



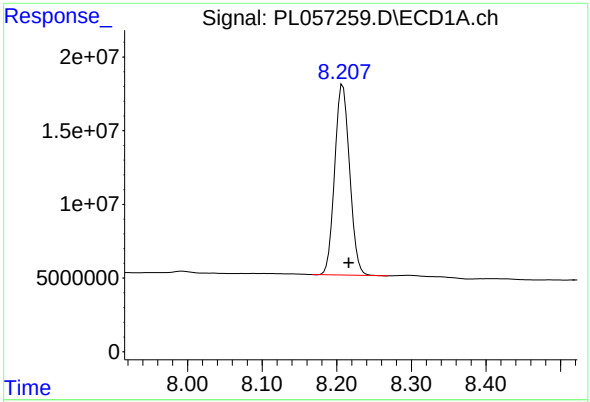

#27 Chlordane-5

R.T.: 6.278 min
Delta R.T.: -0.017 min
Response: 5202573
Conc: 14.32 ng/ml




#27 Chlordane-5

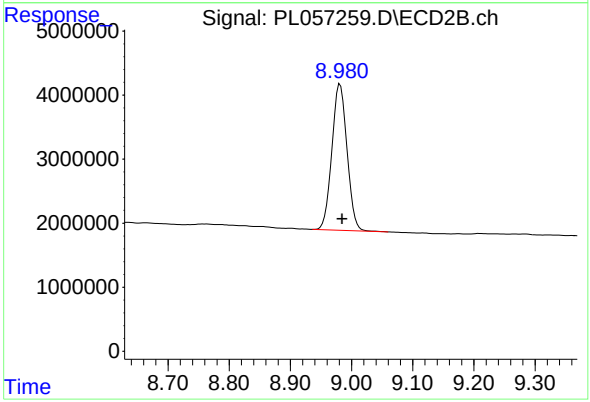
R.T.: 0.000 min
Exp R.T. : 6.923 min
Response: 0
Conc: N.D.




#28 Decachlorobiphenyl

R.T.: 8.208 min
Delta R.T.: -0.008 min
Response: 179778200
Conc: 18.60 ng/ml

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




#28 Decachlorobiphenyl

R.T.: 8.981 min
Delta R.T.: -0.003 min
Response: 39249244
Conc: 18.47 ng/ml