Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060120\
Data File : PL059021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jun 2020 15:32
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 19:09:21 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
Quant Title : GC Extractables
QLast Update : Wed May 20 11:27:53 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... | 3.527 | 4.076 | 34976122 | 48924162 | 19.075 | 18.064 | |
| 28) | SA Decachlor... | 8.307 | 9.187 | 31051349 | 42757035 | 18.378 | 16.219 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 3.969 | 4.468 | 22698191 | 31789044 | 8.348 | 7.921 | |
| 3) | MA gamma-BHC... | 4.255 | 4.755 | 19879974 | 30192817 | 8.423 | 7.967 | |
| 4) | MA Heptachlor | 0.000 | 5.263 | 0 | 3579869 | N.D. | 0.935 | # |
| 5) | MB Aldrin | 0.000 | 5.602f | 0 | 1057486 | N.D. | 0.310 | # |
| 6) | B beta-BHC | 4.505 | 4.923 | 9835559 | 16757983 | 9.570 | 9.631 | |
| 8) | B Heptachlo... | 0.000 | 5.943f | 0 | 1021902 | N.D. | 0.310 | # |
| 9) | A Endosulfan I | 0.000 | 6.307f | 0 | 292641 | N.D. | 0.100 | # |
| 12) | B 4,4'-DDE | 0.000 | 6.427 | 0 | 573545 | N.D. | 0.201 | # |
| 13) | MA Dieldrin | 0.000 | 6.593 | 0 | 394999 | N.D. | 0.130 | # |
| 14) | MA Endrin | 6.101 | 6.801 | 70030249 | 108.1E6 | 44.683 | 43.307 | |
| 15) | B Endosulfa... | 0.000 | 7.011 | 0 | 2510838 | N.D. | 0.896 | # |
| 16) | A 4,4'-DDD | 6.225 | 6.919 | 2939216 | 6264200 | 2.076 | 2.626 | # |
| 17) | MA 4,4'-DDT | 6.468 | 7.219 | 125.7E6 | 196.2E6 | 86.390 | 82.520 | |
| 18) | B Endrin al... | 6.540 | 7.133 | 1182240 | 1701731 | 0.838 | 0.721 | |
| 20) | A Methoxychlor | 7.013 | 7.676 | 178.1E6 | 271.6E6 | 208.745 | 194.751 | |
| 21) | B Endrin ke... | 7.247 | 7.830 | 3583884 | 5078849 | 1.943 | 1.833 | |
| 27) | Chlordane-5 | 0.000 | 7.077 | 0 | 1806999 | N.D. | 22.809 | # |

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

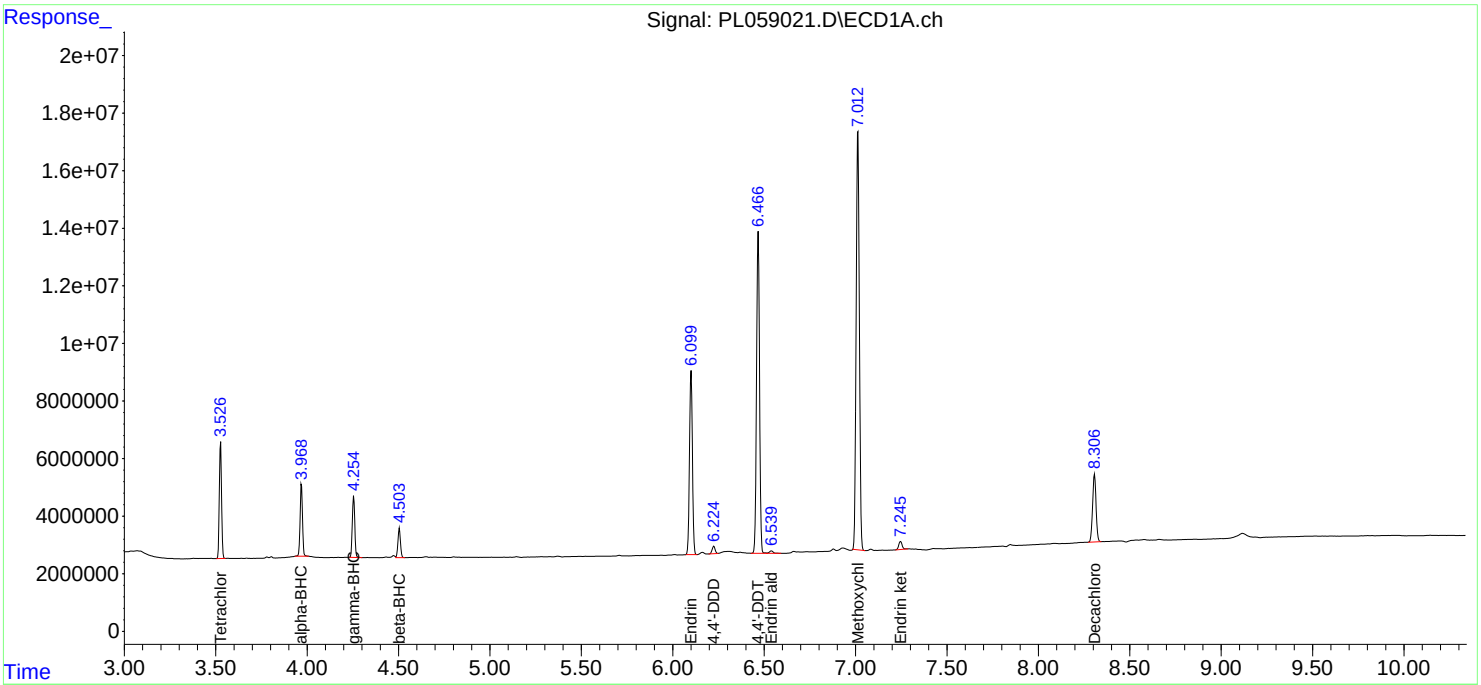
Quantitation Report (Not Reviewed)

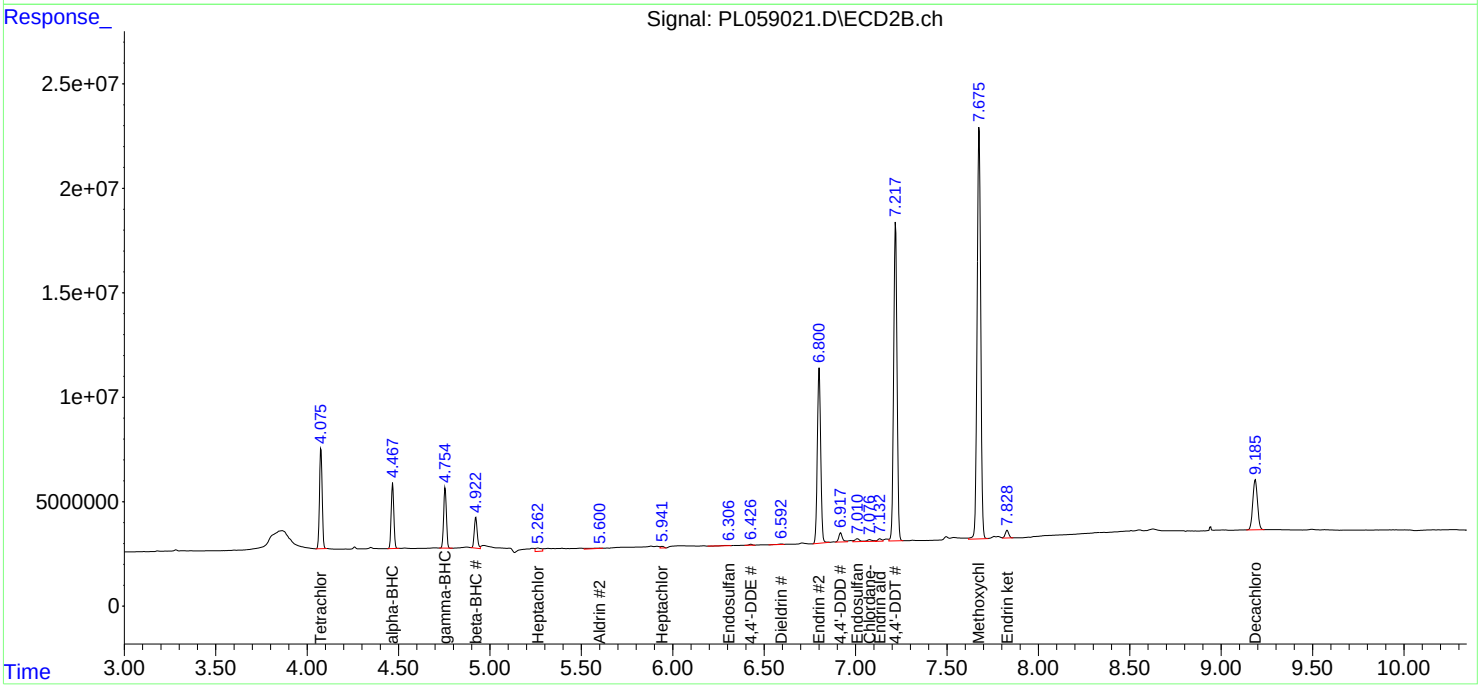
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060120\
Data File : PL059021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jun 2020 15:32
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

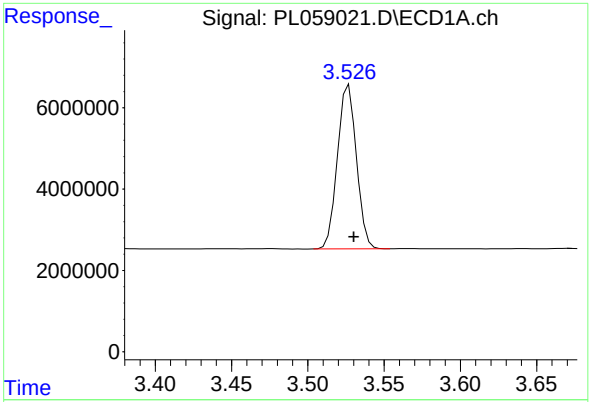
**Instrument :**
ECD_L
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 19:09:21 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
Quant Title : GC Extractables
QLast Update : Wed May 20 11:27:53 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



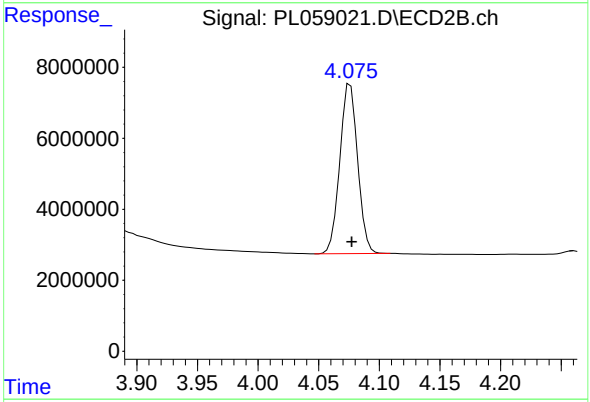






#1 Tetrachloro-m-xylene

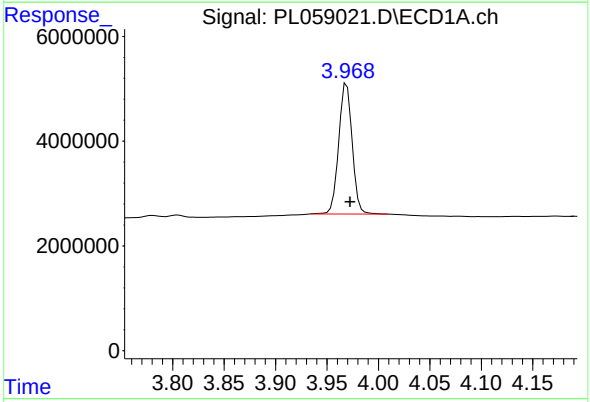
R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 34976122
Conc: 19.07 ng/ml

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



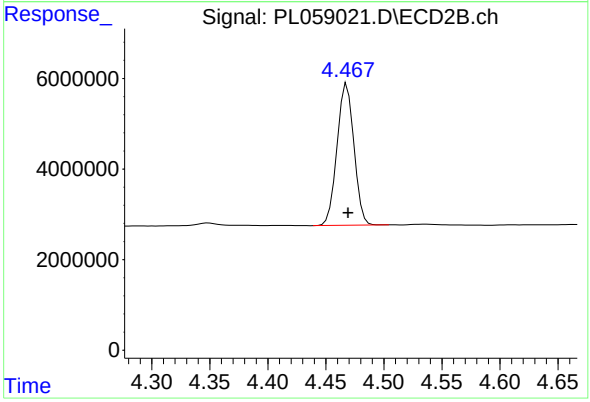

#1 Tetrachloro-m-xylene

R.T.: 4.076 min
Delta R.T.: -0.001 min
Response: 48924162
Conc: 18.06 ng/ml



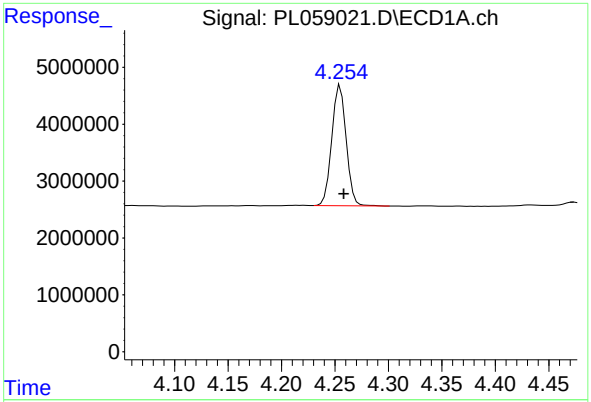

#2 alpha-BHC

R.T.: 3.969 min
Delta R.T.: -0.003 min
Response: 22698191
Conc: 8.35 ng/ml




#2 alpha-BHC

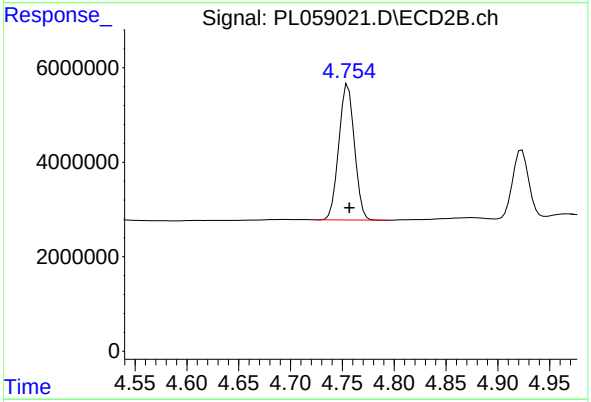
R.T.: 4.468 min
Delta R.T.: -0.001 min
Response: 31789044
Conc: 7.92 ng/ml




#3 gamma-BHC (Lindane)

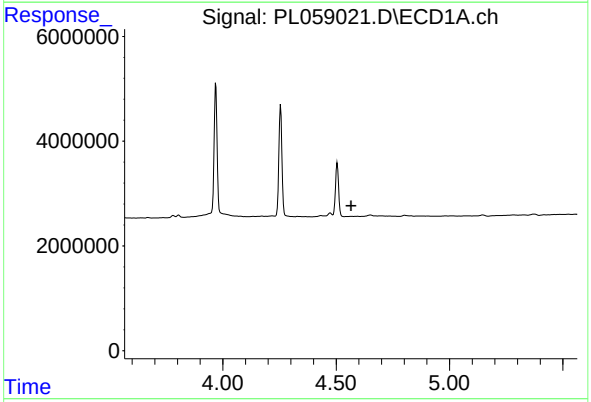
R.T.: 4.255 min
Delta R.T.: -0.003 min
Response: 19879974
Conc: 8.42 ng/ml

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



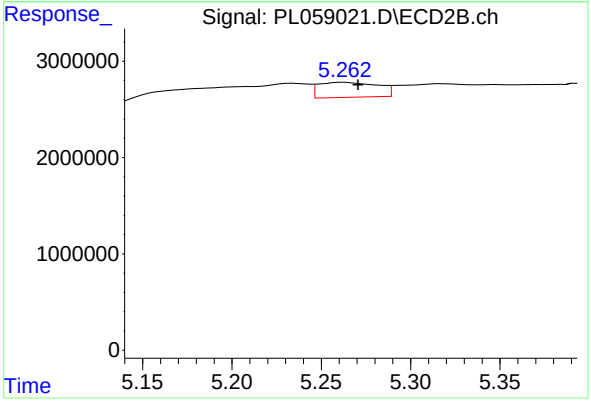

#3 gamma-BHC (Lindane)

R.T.: 4.755 min
Delta R.T.: -0.001 min
Response: 30192817
Conc: 7.97 ng/ml



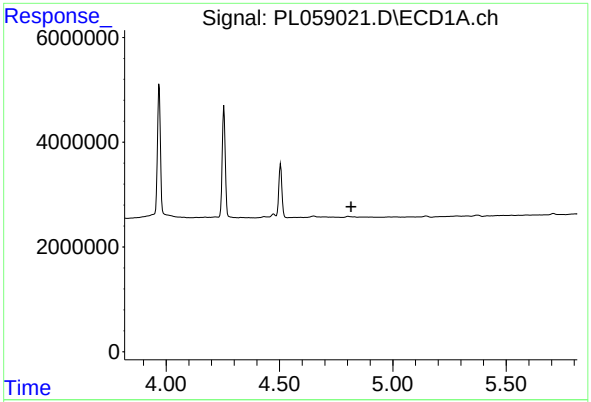

#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.




#4 Heptachlor

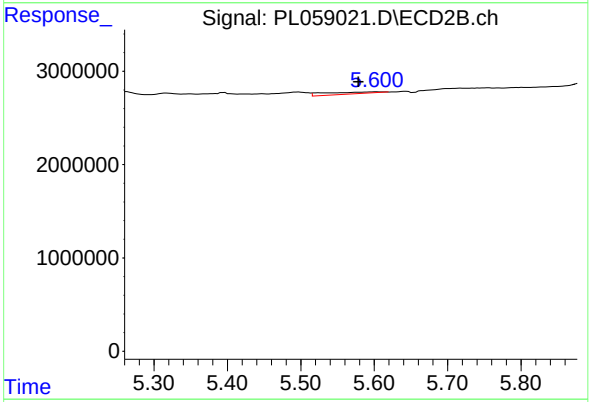
R.T.: 5.263 min
Delta R.T.: -0.008 min
Response: 3579869
Conc: 0.93 ng/ml




#5 Aldrin

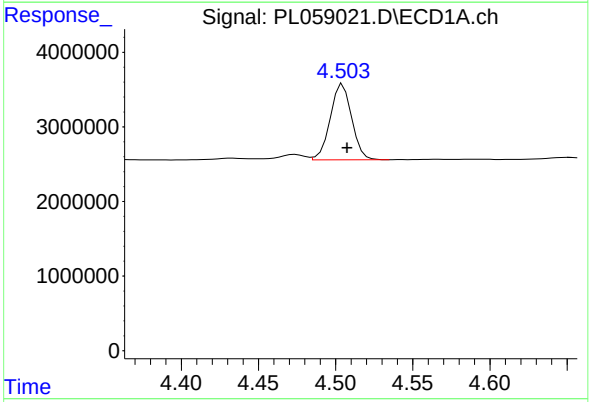
R.T.: 0.000 min
Exp R.T. : 4.816 min
Response: 0
Conc: N.D.

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



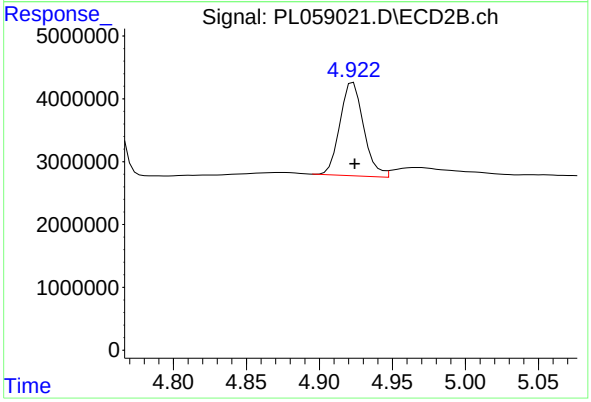

#5 Aldrin

R.T.: 5.602 min
Delta R.T.: 0.023 min
Response: 1057486
Conc: 0.31 ng/ml



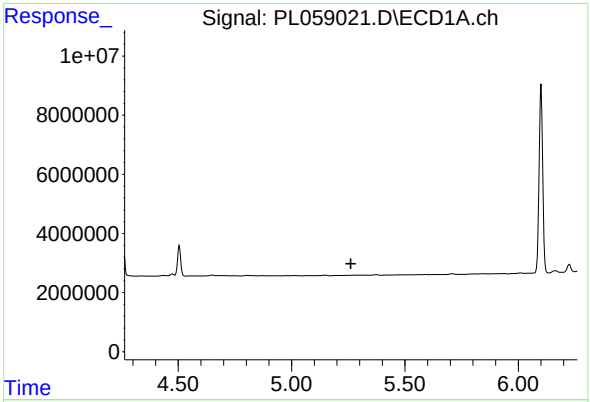

#6 beta-BHC

R.T.: 4.505 min
Delta R.T.: -0.003 min
Response: 9835559
Conc: 9.57 ng/ml




#6 beta-BHC

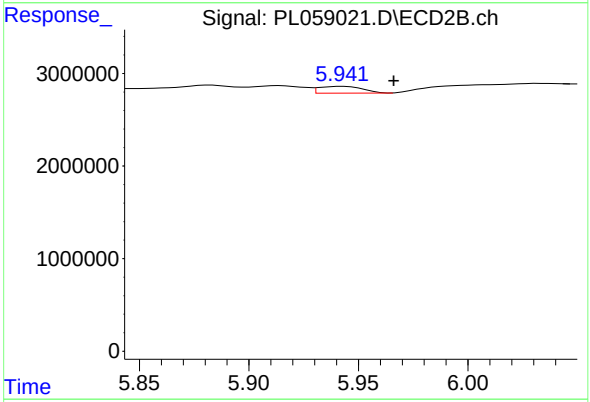
R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 16757983
Conc: 9.63 ng/ml




#8 Heptachlor epoxide

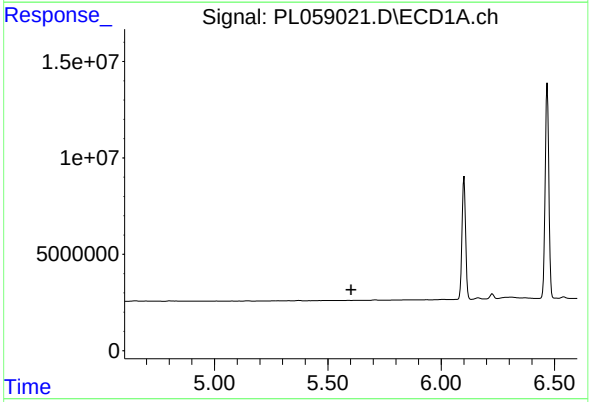
R.T.: 0.000 min
Exp R.T. : 5.261 min
Response: 0
Conc: N.D.

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



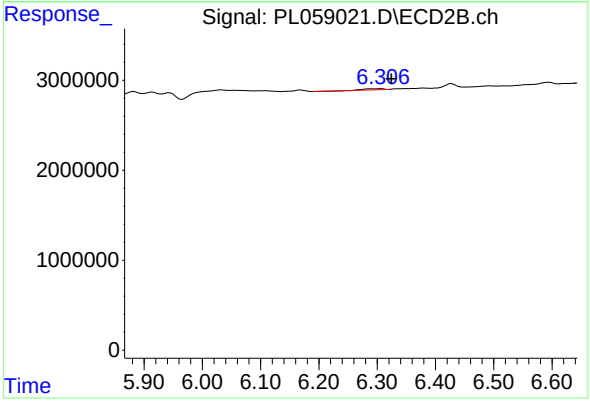

#8 Heptachlor epoxide

R.T.: 5.943 min
Delta R.T.: -0.023 min
Response: 1021902
Conc: 0.31 ng/ml



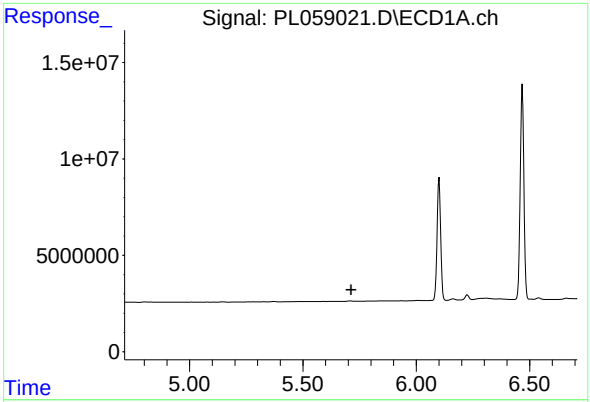

#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.603 min
Response: 0
Conc: N.D.




#9 Endosulfan I

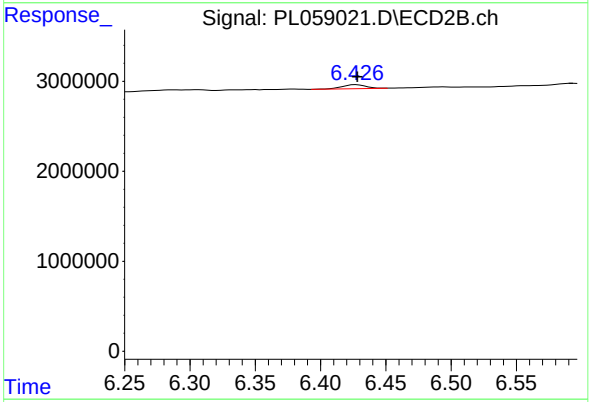
R.T.: 6.307 min
Delta R.T.: -0.018 min
Response: 292641
Conc: 0.10 ng/ml




#12 4,4'-DDE

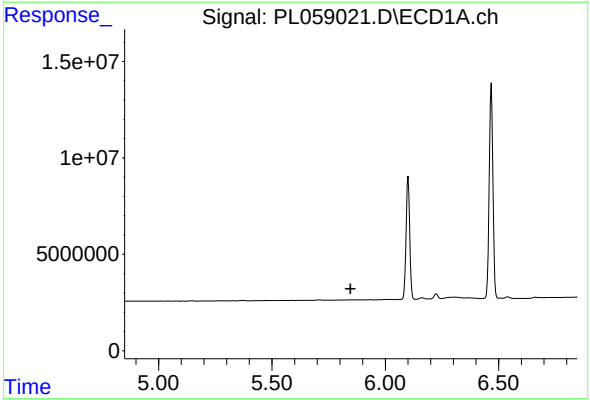
R.T.: 0.000 min
Exp R.T. : 5.712 min
Response: 0
Conc: N.D.

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



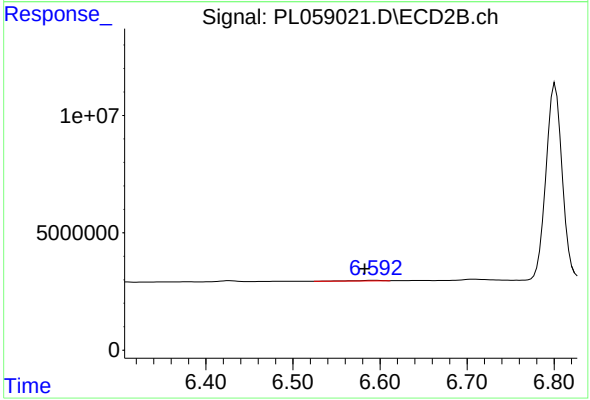

#12 4,4'-DDE

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 573545
Conc: 0.20 ng/ml



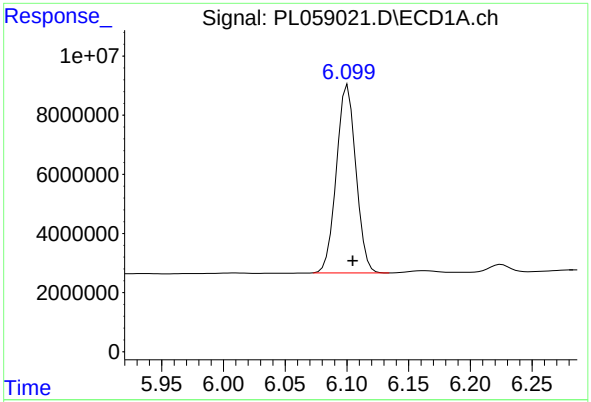

#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.847 min
Response: 0
Conc: N.D.




#13 Dieldrin

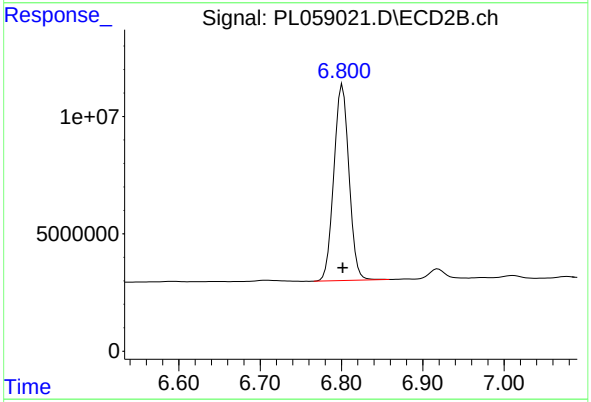
R.T.: 6.593 min
Delta R.T.: 0.011 min
Response: 394999
Conc: 0.13 ng/ml




#14 Endrin

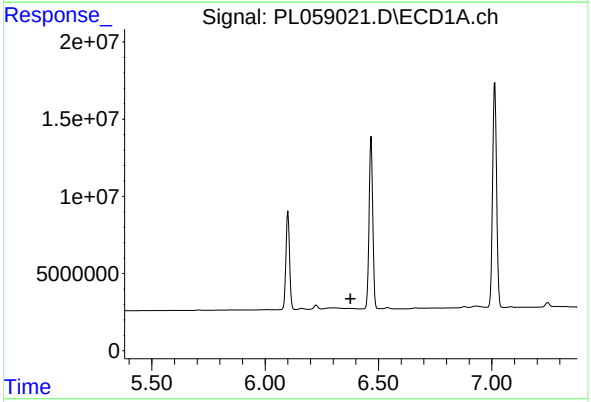
R.T.: 6.101 min
Delta R.T.: -0.004 min
Response: 70030249
Conc: 44.68 ng/ml

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



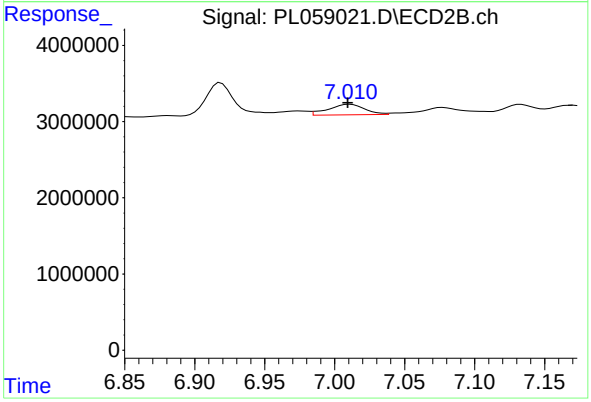

#14 Endrin

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 108064624
Conc: 43.31 ng/ml



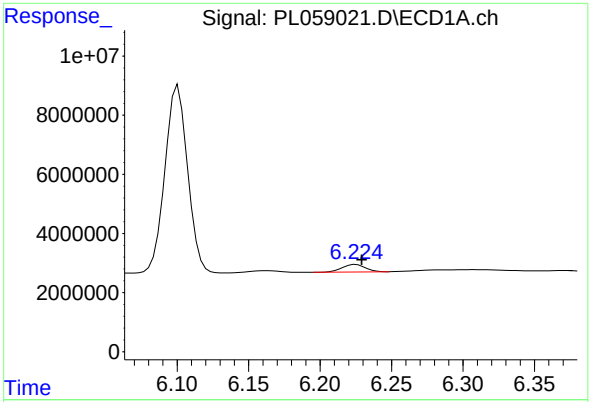

#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.377 min
Response: 0
Conc: N.D.




#15 Endosulfan II

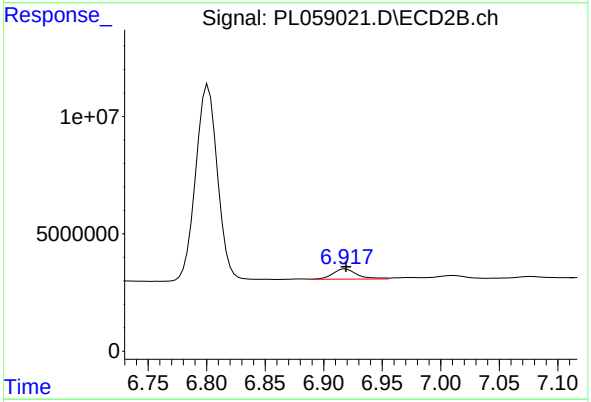
R.T.: 7.011 min
Delta R.T.: 0.002 min
Response: 2510838
Conc: 0.90 ng/ml




#16 4,4'-DDD

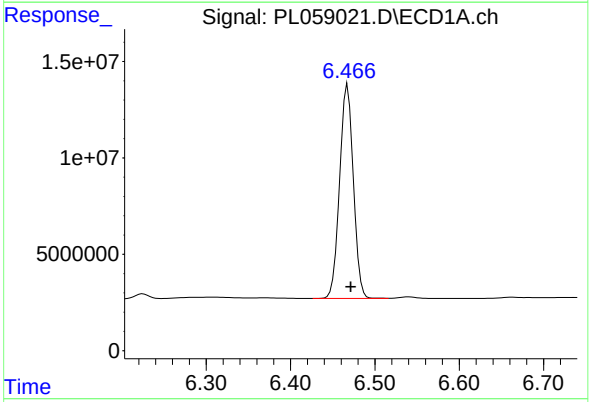
R.T.: 6.225 min
Delta R.T.: -0.004 min
Response: 2939216
Conc: 2.08 ng/ml

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



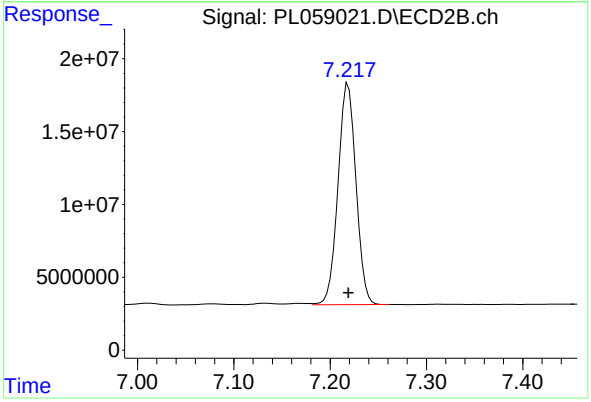

#16 4,4'-DDD

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 6264200
Conc: 2.63 ng/ml



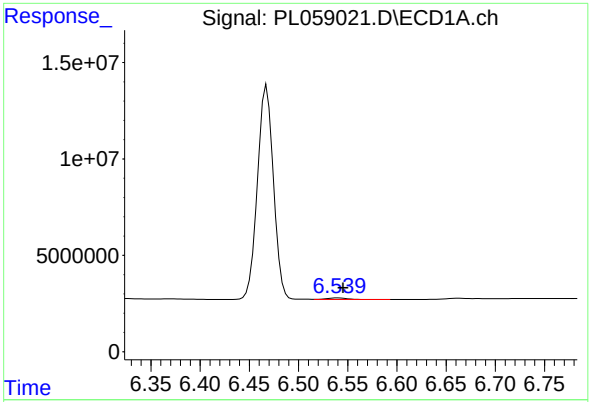

#17 4,4'-DDT

R.T.: 6.468 min
Delta R.T.: -0.004 min
Response: 125664469
Conc: 86.39 ng/ml




#17 4,4'-DDT

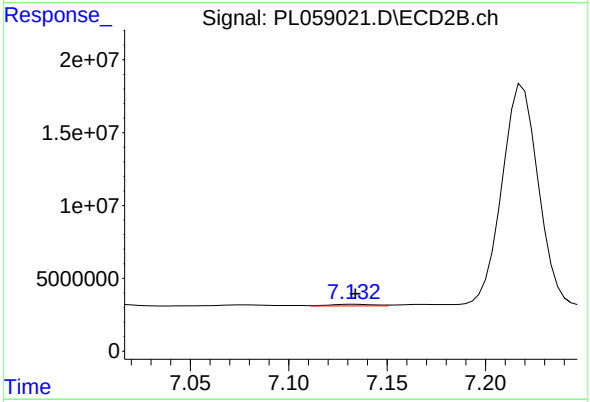
R.T.: 7.219 min
Delta R.T.: 0.000 min
Response: 196241474
Conc: 82.52 ng/ml




#18 Endrin aldehyde

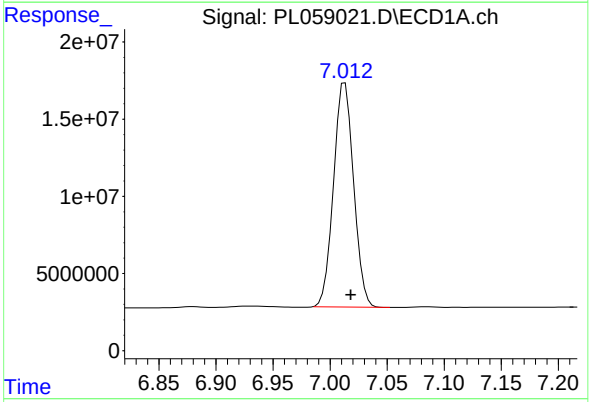
R.T.: 6.540 min
Delta R.T.: -0.005 min
Response: 1182240
Conc: 0.84 ng/ml

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



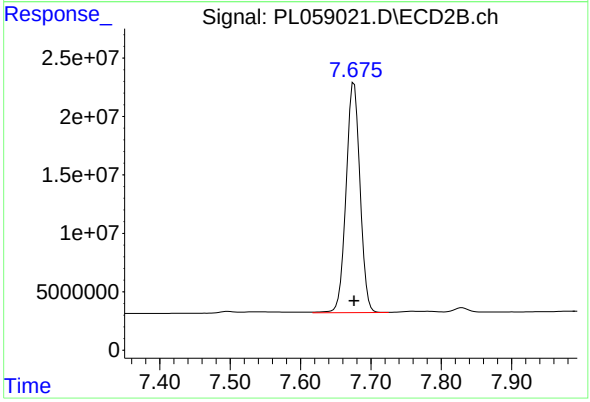

#18 Endrin aldehyde

R.T.: 7.133 min
Delta R.T.: 0.000 min
Response: 1701731
Conc: 0.72 ng/ml



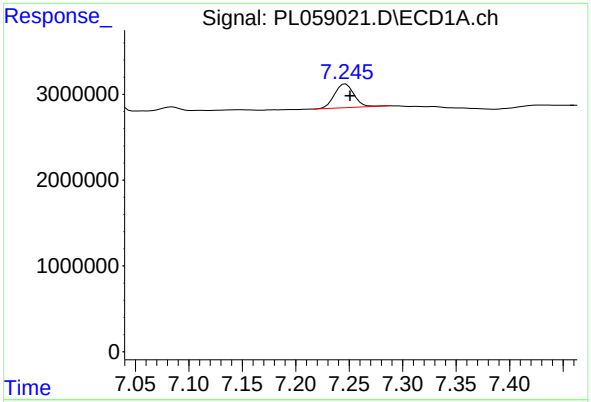

#20 Methoxychlor

R.T.: 7.013 min
Delta R.T.: -0.005 min
Response: 178064993
Conc: 208.75 ng/ml




#20 Methoxychlor

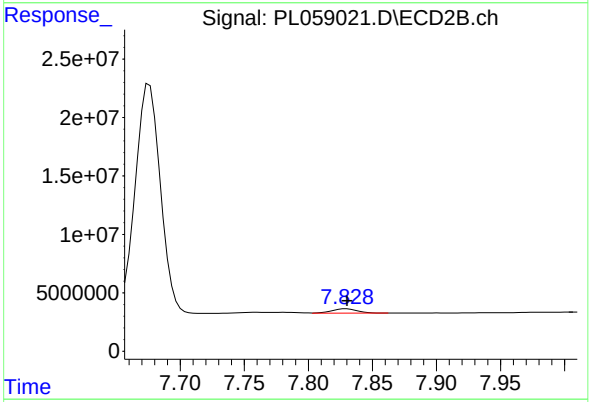
R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 271614098
Conc: 194.75 ng/ml




#21 Endrin ketone

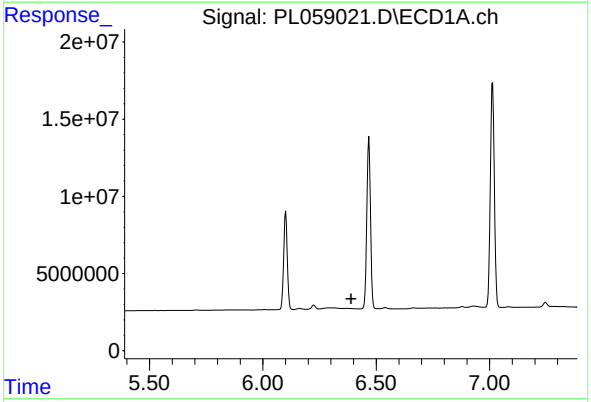
R.T.: 7.247 min
Delta R.T.: -0.004 min
Response: 3583884
Conc: 1.94 ng/ml

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



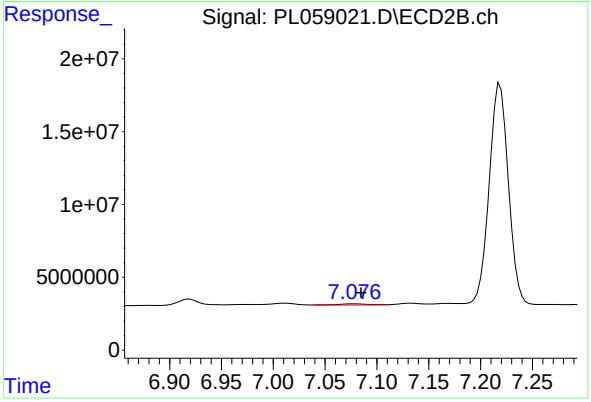

#21 Endrin ketone

R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 5078849
Conc: 1.83 ng/ml



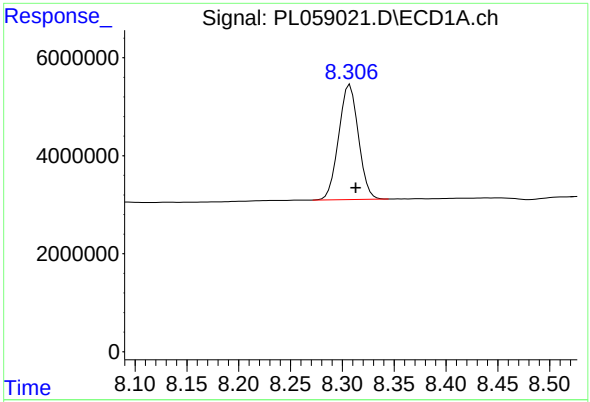

#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.389 min
Response: 0
Conc: N.D.




#27 Chlordane-5

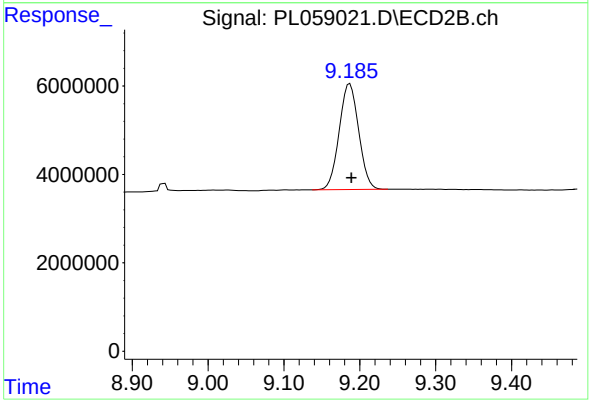
R.T.: 7.077 min
Delta R.T.: -0.008 min
Response: 1806999
Conc: 22.81 ng/ml




#28 Decachlorobiphenyl

R.T.: 8.307 min
Delta R.T.: -0.006 min
Response: 31051349
Conc: 18.38 ng/ml

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




#28 Decachlorobiphenyl

R.T.: 9.187 min
Delta R.T.: -0.002 min
Response: 42757035
Conc: 16.22 ng/ml