Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110122\
Data File : PL078697.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2022 14:30
Operator : AR\AJ
Sample : PB148721BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 22:15:28 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 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 x0.5µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | |
| 1) | SA Tetrachlo... | 3.322 | 2.569 | 34172185 | 51437216 | 17.919 | 20.146 | |
| 28) | SA Decachlor... | 8.772 | 7.638 | 30131569 | 42613132 | 20.030 | 22.498 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 3.783 | 3.056 | 127.3E6 | 191.4E6 | 44.336 | 48.463 | |
| 3) | MA gamma-BHC... | 4.116 | 3.377 | 117.2E6 | 174.7E6 | 43.862 | 48.615 | |
| 4) | MA Heptachlor | 4.686 | 3.704 | 122.2E6 | 177.8E6 | 47.065 | 51.268 | |
| 5) | MB Aldrin | 5.025 | 3.975 | 116.8E6 | 182.9E6 | 47.143 | 52.231 | |
| 6) | B beta-BHC | 4.331 | 3.676 | 48621489 | 65841491 | 42.207 | 45.888 | |
| 7) | B delta-BHC | 4.571 | 3.896 | 97624106 | 175.4E6 | 42.877 | 48.174 | |
| 8) | B Heptachlo... | 5.458 | 4.472 | 100.4E6 | 151.2E6 | 47.285 | 50.165 | |
| 9) | A Endosulfan I | 5.842 | 4.835 | 94874100 | 141.7E6 | 44.467 | 49.492 | |
| 10) | B gamma-Chl... | 5.713 | 4.720 | 102.8E6 | 152.0E6 | 45.532 | 49.611 | |
| 11) | B alpha-Chl... | 5.790 | 4.782 | 103.0E6 | 148.1E6 | 44.495 | 49.697 | |
| 12) | B 4,4'-DDE | 5.973 | 4.977 | 90769979 | 138.5E6 | 45.354 | 50.868 | |
| 13) | MA Dieldrin | 6.120 | 5.096 | 101.6E6 | 153.2E6 | 47.111 | 51.692 | |
| 14) | MA Endrin | 6.350 | 5.367 | 92144300 | 141.2E6 | 48.553 | 54.184 | |
| 15) | B Endosulfa... | 6.579 | 5.664 | 85263223 | 129.3E6 | 45.446 | 56.794 | |
| 16) | A 4,4'-DDD | 6.498 | 5.528 | 72065160 | 110.9E6 | 43.230 | 50.487 | |
| 17) | MA 4,4'-DDT | 6.807 | 5.774 | 82944880 | 115.0E6 | 46.278 | 53.017 | |
| 18) | B Endrin al... | 6.711 | 5.842 | 70268263 | 102.4E6 | 48.292 | 54.554 | |
| 19) | B Endosulfa... | 6.944 | 6.065 | 83645854 | 125.7E6 | 45.461 | 52.795 | |
| 20) | A Methoxychlor | 7.292 | 6.351 | 43973800 | 63337466 | 47.752 | 55.814 | |
| 21) | B Endrin ke... | 7.430 | 6.561 | 85422888 | 135.5E6 | 45.404 | 52.430 | |
| 22) | Mirex | 7.888 | 6.733 | 68195271 | 100.6E6 | 46.715 | 51.119 | |
| 23) | Chlordane-1 | 0.000 | 3.552 | 0 | 159935 | N.D. | 1.586 | # |
| 24) | Chlordane-2 | 5.025f | 4.107 | 116.8E6 | 7282642 | 1411.107 | 68.429 | # |
| 25) | Chlordane-3 | 5.713 | 4.720 | 102.8E6 | 152.0E6 | 307.659 | 498.813 | # |
| 26) | Chlordane-4 | 5.790 | 4.782 | 103.0E6 | 148.1E6 | 250.771 | 453.285 | # |

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

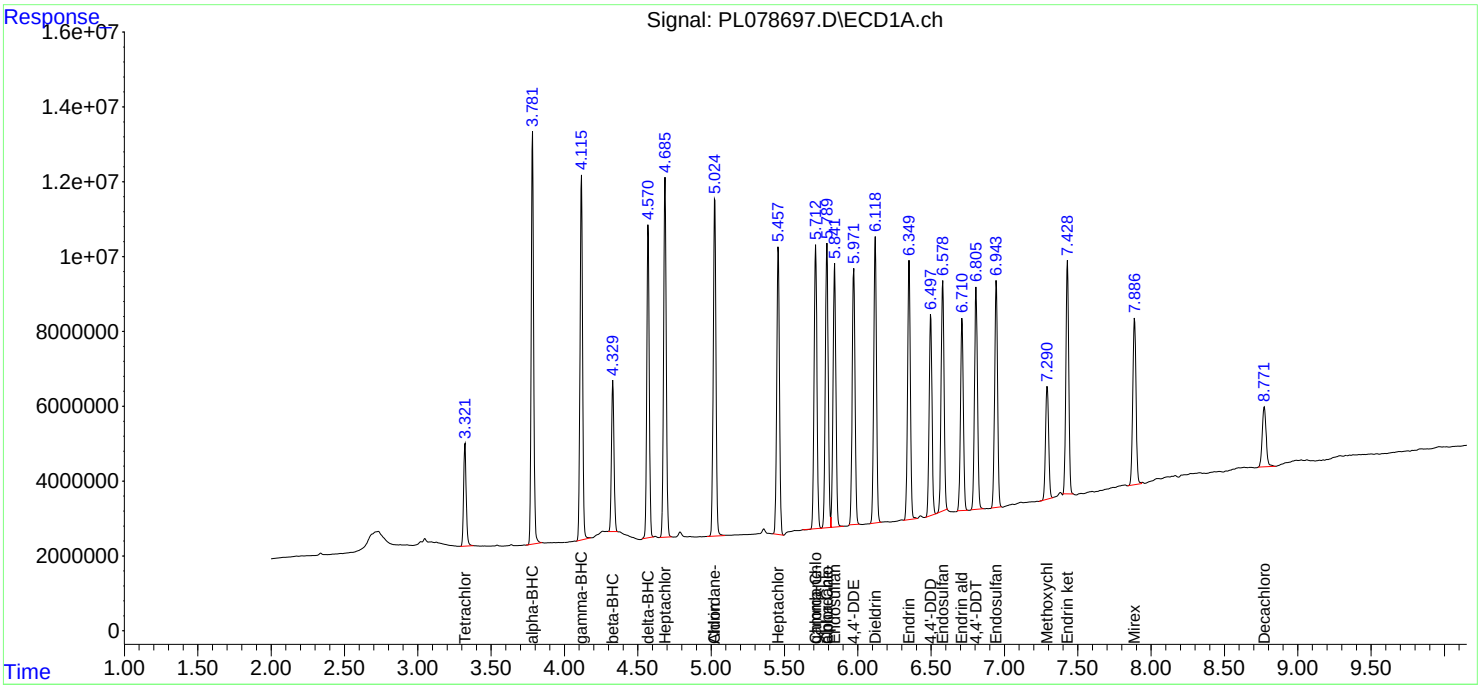
Quantitation Report (Not Reviewed)

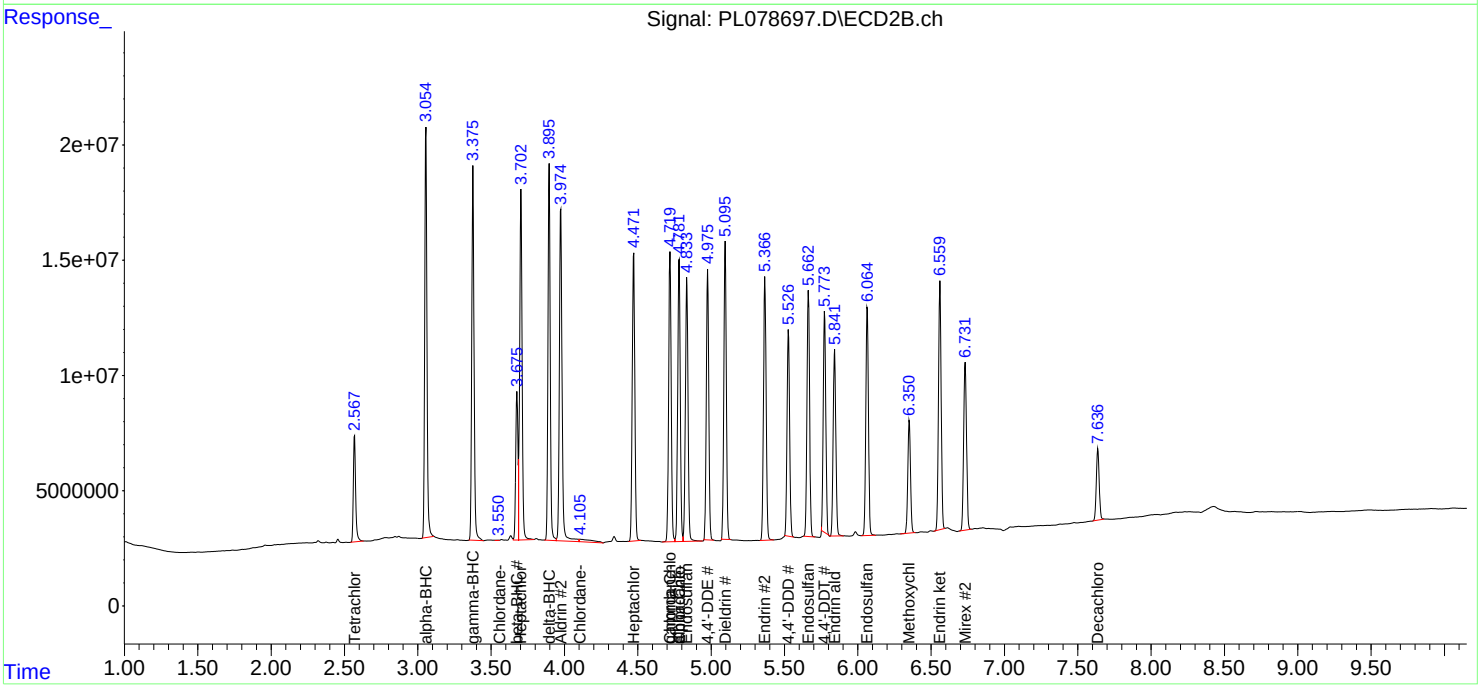
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110122\
Data File : PL078697.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2022 14:30
Operator : AR\AJ
Sample : PB148721BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

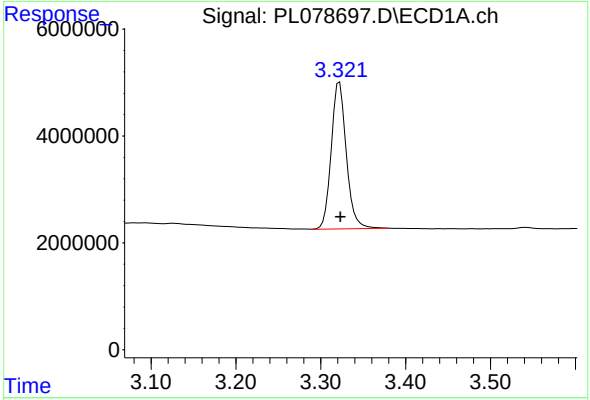
**Instrument :**
ECD_L
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 22:15:28 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 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 x0.5µm



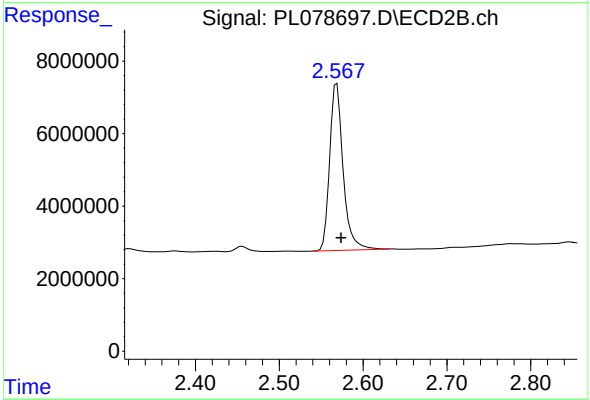






#1 Tetrachloro-m-xylene

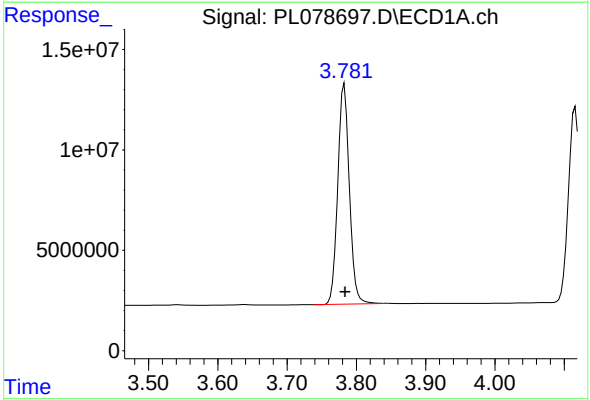
R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 34172185
Conc: 17.92 ng/ml

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



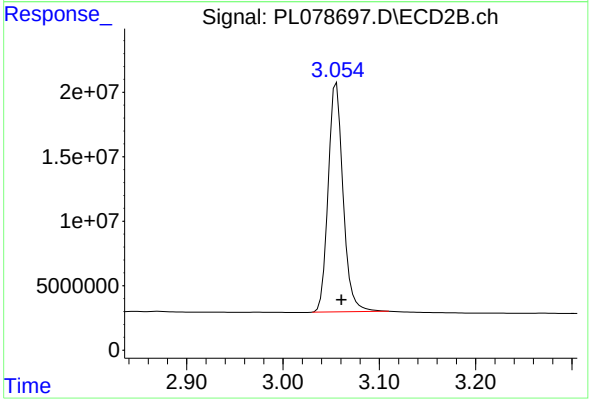

#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.005 min
Response: 51437216
Conc: 20.15 ng/ml



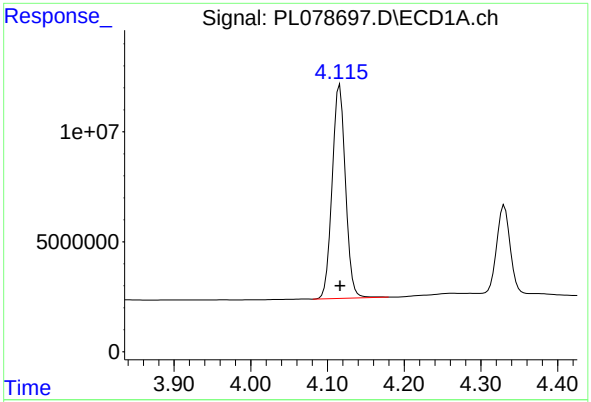

#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: -0.001 min
Response: 127306198
Conc: 44.34 ng/ml




#2 alpha-BHC

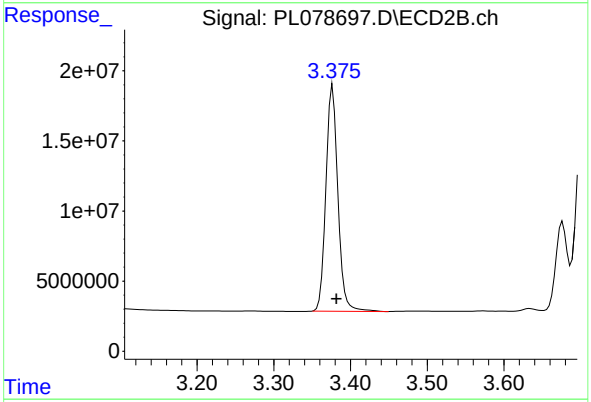
R.T.: 3.056 min
Delta R.T.: -0.005 min
Response: 191380419
Conc: 48.46 ng/ml




#3 gamma-BHC (Lindane)

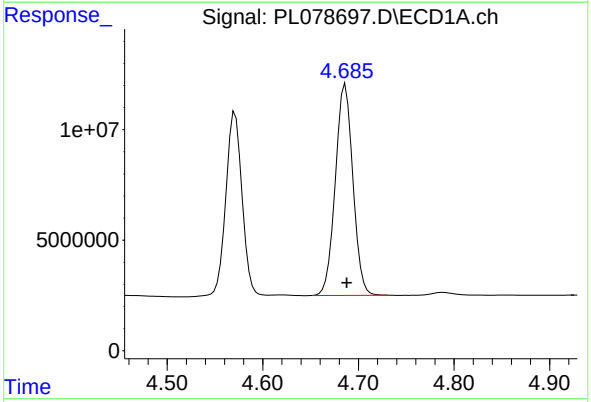
R.T.: 4.116 min
Delta R.T.: 0.000 min
Response: 117186643
Conc: 43.86 ng/ml

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



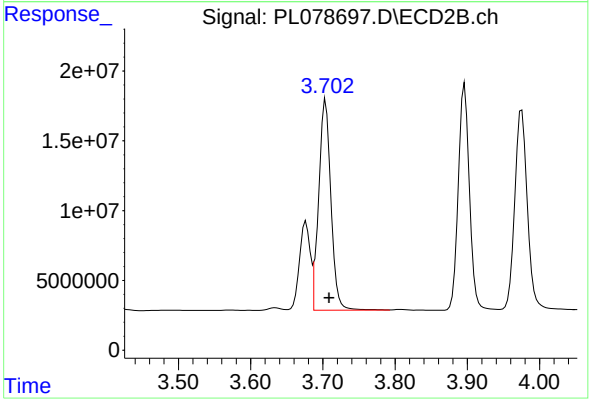

#3 gamma-BHC (Lindane)

R.T.: 3.377 min
Delta R.T.: -0.005 min
Response: 174730562
Conc: 48.61 ng/ml



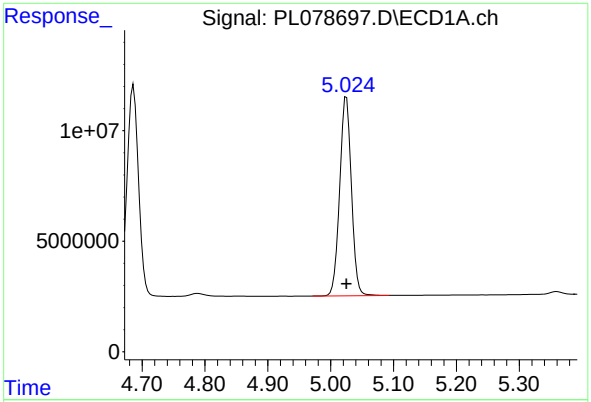

#4 Heptachlor

R.T.: 4.686 min
Delta R.T.: -0.001 min
Response: 122181596
Conc: 47.07 ng/ml




#4 Heptachlor

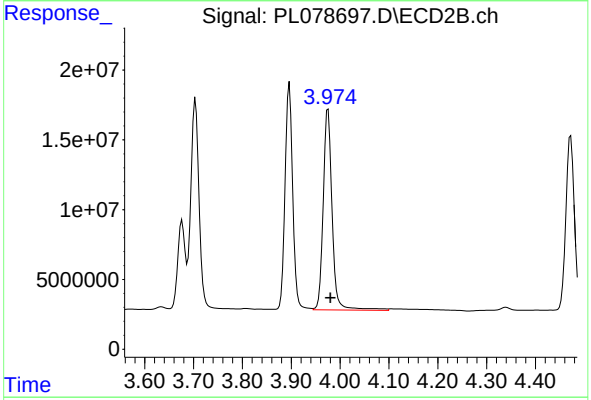
R.T.: 3.704 min
Delta R.T.: -0.005 min
Response: 177789052
Conc: 51.27 ng/ml




#5 Aldrin

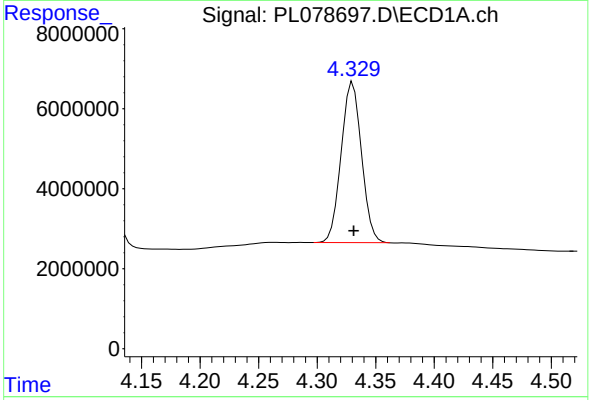
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 116760304
Conc: 47.14 ng/ml

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



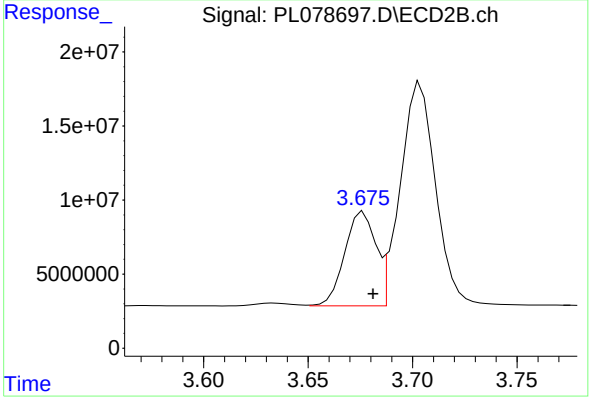

#5 Aldrin

R.T.: 3.975 min
Delta R.T.: -0.005 min
Response: 182898659
Conc: 52.23 ng/ml



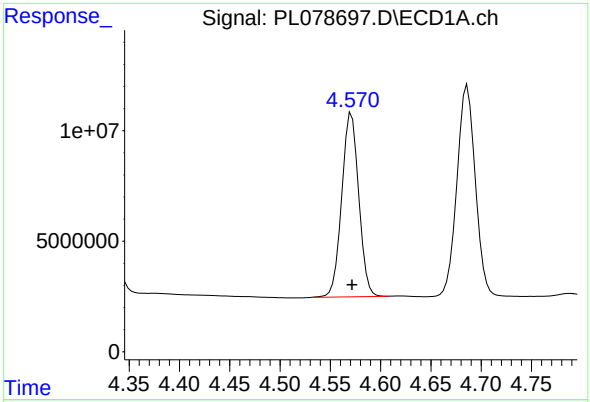

#6 beta-BHC

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 48621489
Conc: 42.21 ng/ml




#6 beta-BHC

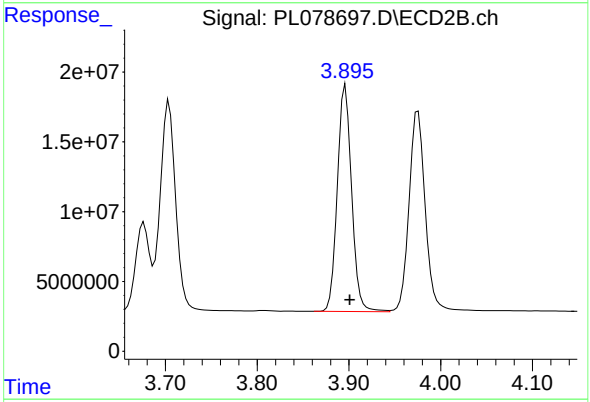
R.T.: 3.676 min
Delta R.T.: -0.005 min
Response: 65841491
Conc: 45.89 ng/ml




#7 delta-BHC

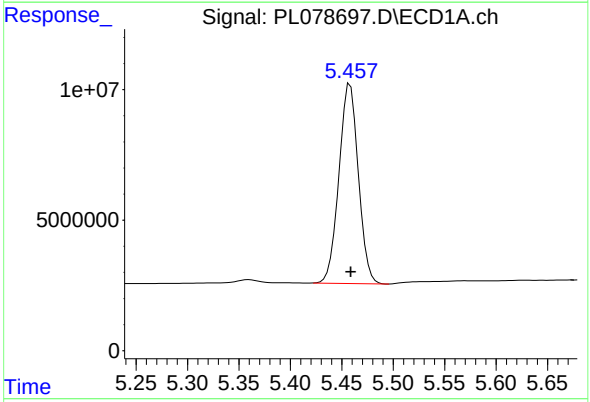
R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 97624106
Conc: 42.88 ng/ml

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



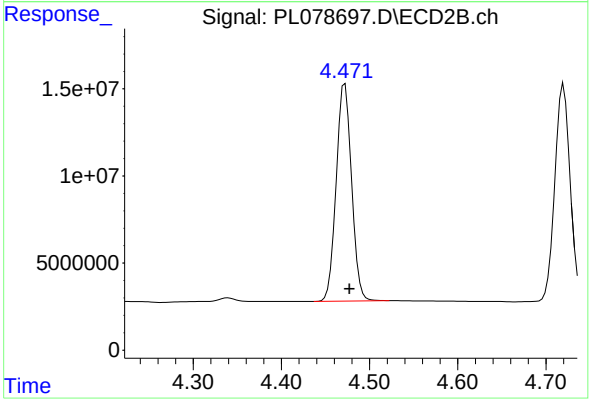

#7 delta-BHC

R.T.: 3.896 min
Delta R.T.: -0.005 min
Response: 175418538
Conc: 48.17 ng/ml



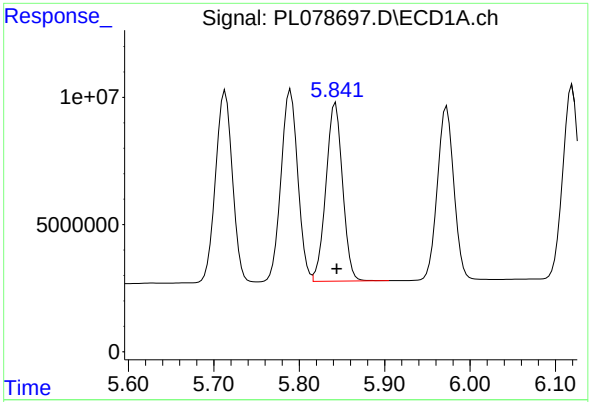

#8 Heptachlor epoxide

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 100387680
Conc: 47.29 ng/ml




#8 Heptachlor epoxide

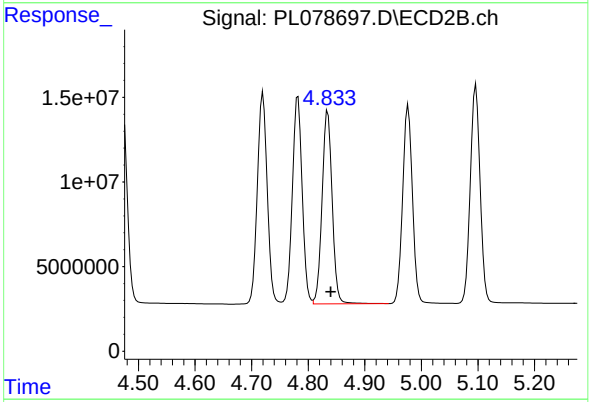
R.T.: 4.472 min
Delta R.T.: -0.005 min
Response: 151159879
Conc: 50.17 ng/ml




#9 Endosulfan I

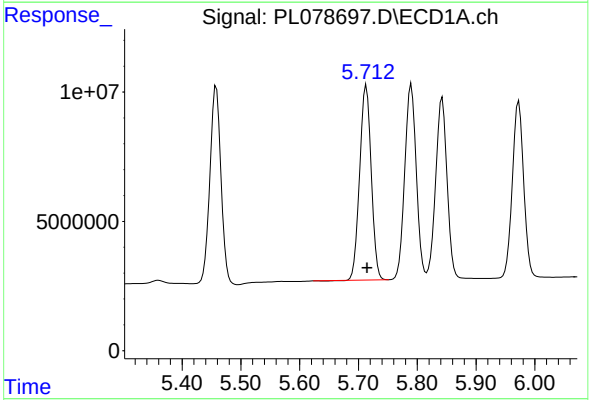
R.T.: 5.842 min
Delta R.T.: -0.001 min
Response: 94874100
Conc: 44.47 ng/ml

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



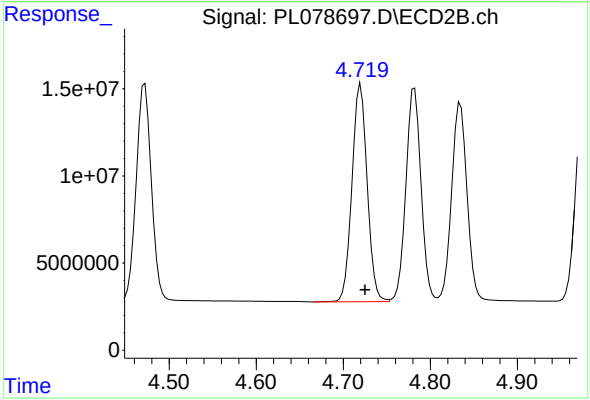

#9 Endosulfan I

R.T.: 4.835 min
Delta R.T.: -0.005 min
Response: 141677382
Conc: 49.49 ng/ml



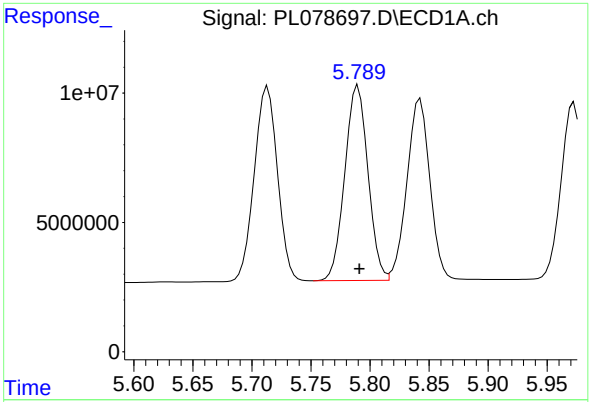

#10 gamma-Chlordane

R.T.: 5.713 min
Delta R.T.: -0.001 min
Response: 102771433
Conc: 45.53 ng/ml




#10 gamma-Chlordane

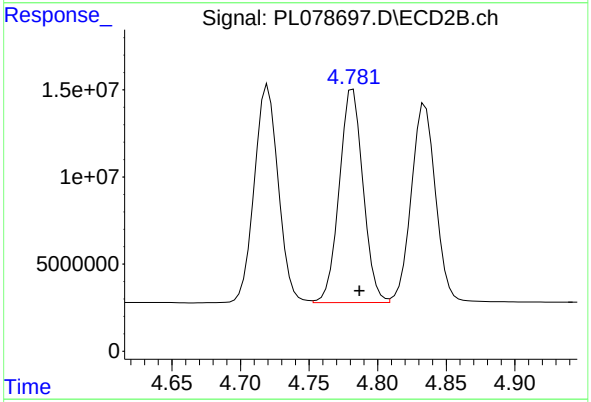
R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 152030624
Conc: 49.61 ng/ml




#11 alpha-Chlordane

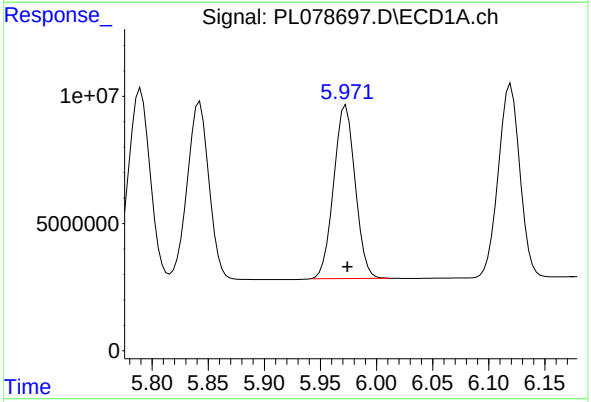
R.T.: 5.790 min
Delta R.T.: -0.001 min
Response: 102951400
Conc: 44.49 ng/ml

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



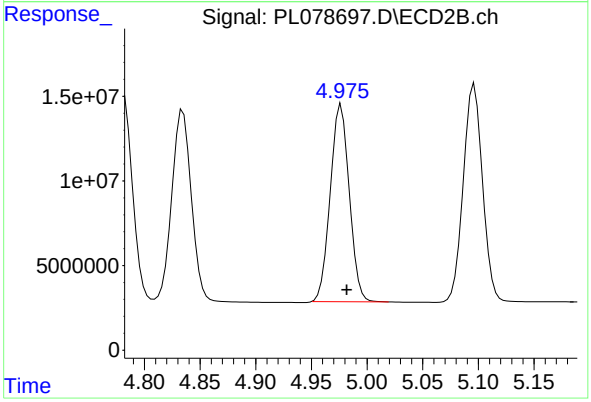

#11 alpha-Chlordane

R.T.: 4.782 min
Delta R.T.: -0.005 min
Response: 148117174
Conc: 49.70 ng/ml



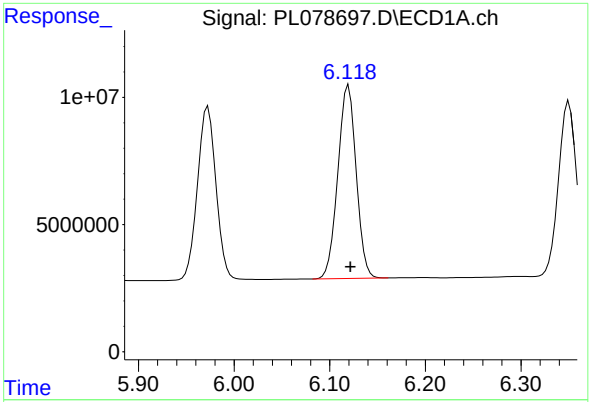

#12 4,4'-DDE

R.T.: 5.973 min
Delta R.T.: -0.001 min
Response: 90769979
Conc: 45.35 ng/ml




#12 4,4'-DDE

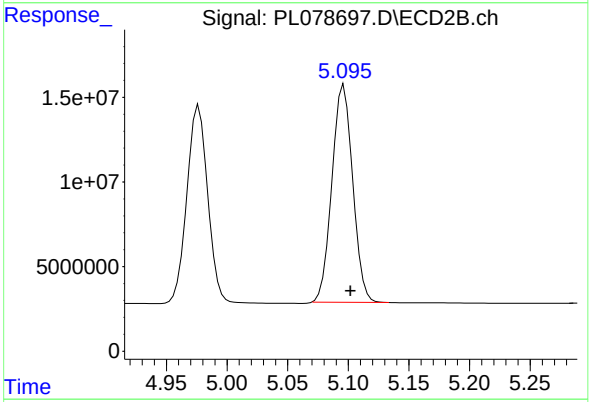
R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 138489823
Conc: 50.87 ng/ml




#13 Dieldrin

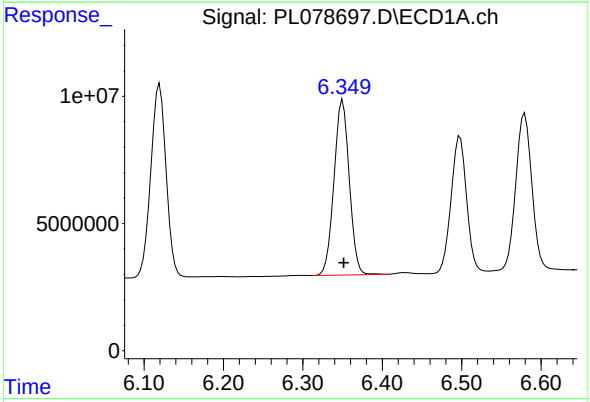
R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 101595756
Conc: 47.11 ng/ml

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



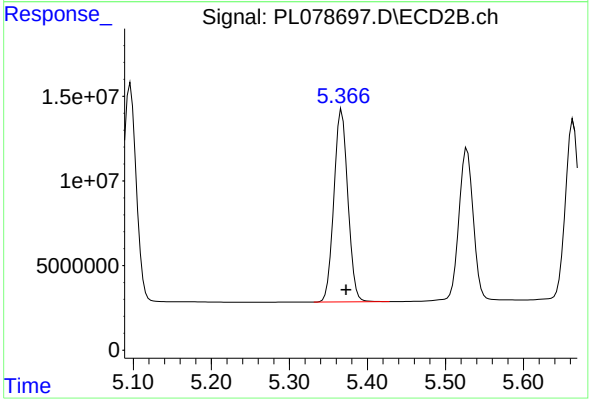

#13 Dieldrin

R.T.: 5.096 min
Delta R.T.: -0.005 min
Response: 153166977
Conc: 51.69 ng/ml



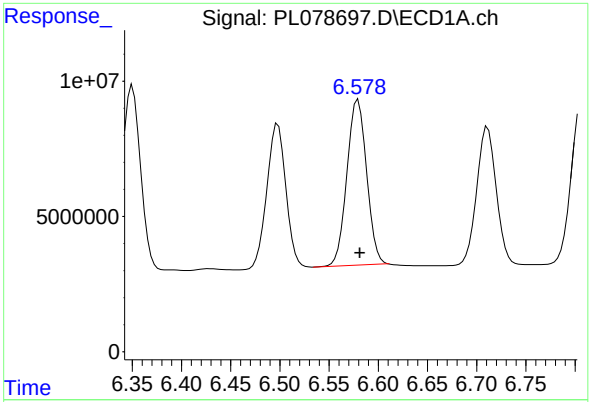

#14 Endrin

R.T.: 6.350 min
Delta R.T.: -0.001 min
Response: 92144300
Conc: 48.55 ng/ml




#14 Endrin

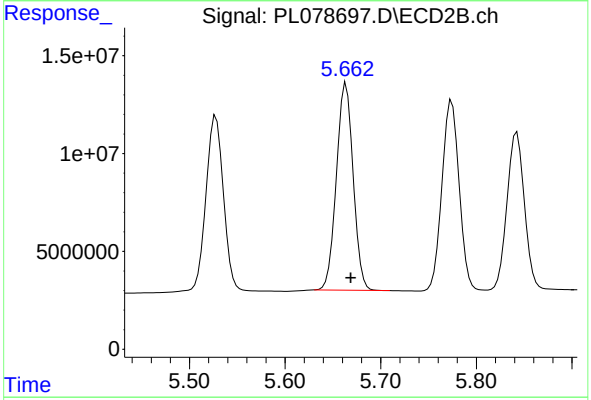
R.T.: 5.367 min
Delta R.T.: -0.005 min
Response: 141161967
Conc: 54.18 ng/ml




#15 Endosulfan II

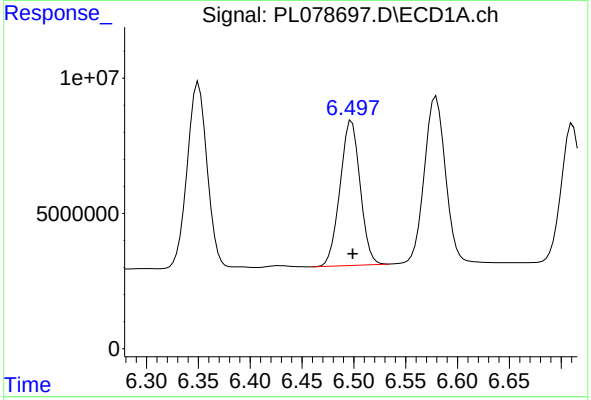
R.T.: 6.579 min
Delta R.T.: -0.002 min
Response: 85263223
Conc: 45.45 ng/ml

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



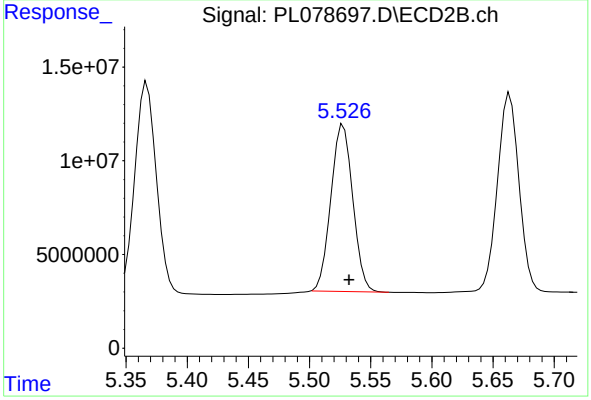

#15 Endosulfan II

R.T.: 5.664 min
Delta R.T.: -0.005 min
Response: 129278072
Conc: 56.79 ng/ml



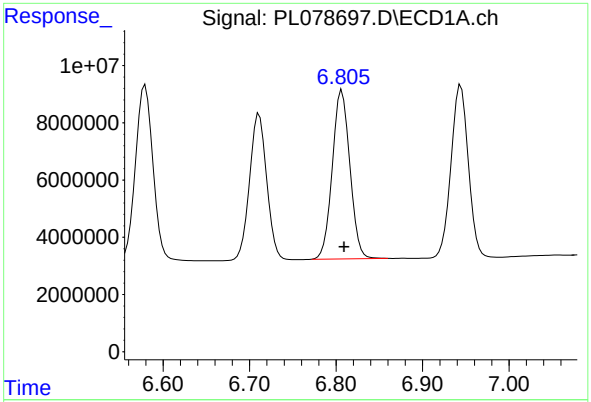

#16 4,4'-DDD

R.T.: 6.498 min
Delta R.T.: -0.001 min
Response: 72065160
Conc: 43.23 ng/ml




#16 4,4'-DDD

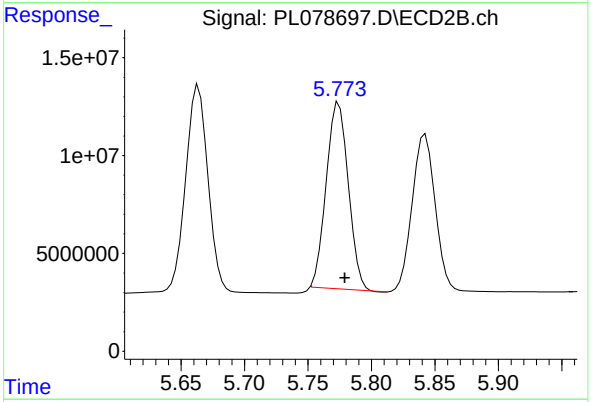
R.T.: 5.528 min
Delta R.T.: -0.005 min
Response: 110888151
Conc: 50.49 ng/ml




#17 4,4'-DDT

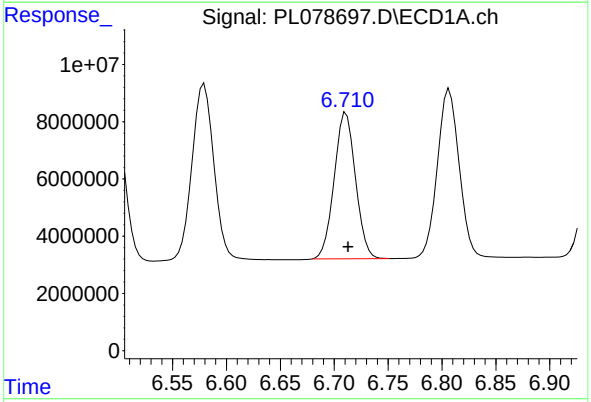
R.T.: 6.807 min
Delta R.T.: -0.003 min
Response: 82944880
Conc: 46.28 ng/ml

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



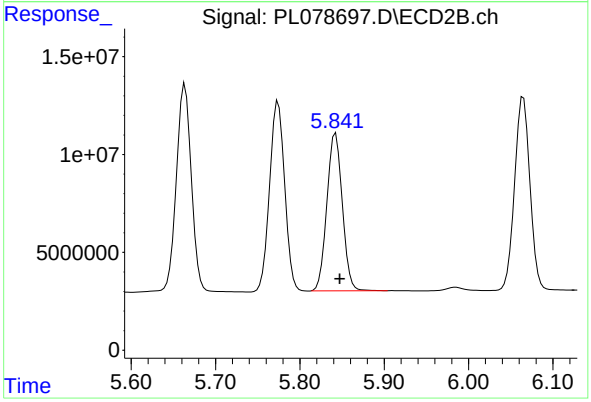

#17 4,4'-DDT

R.T.: 5.774 min
Delta R.T.: -0.005 min
Response: 114999595
Conc: 53.02 ng/ml



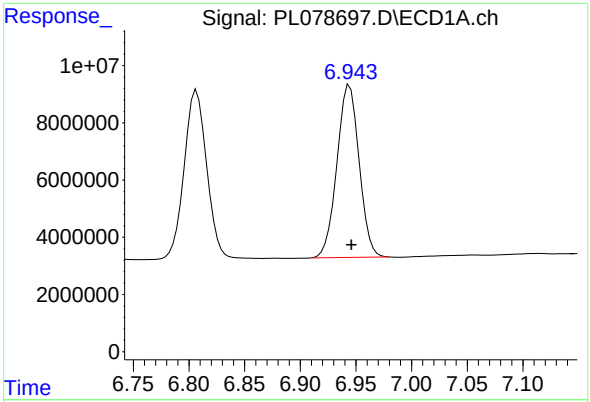

#18 Endrin aldehyde

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 70268263
Conc: 48.29 ng/ml




#18 Endrin aldehyde

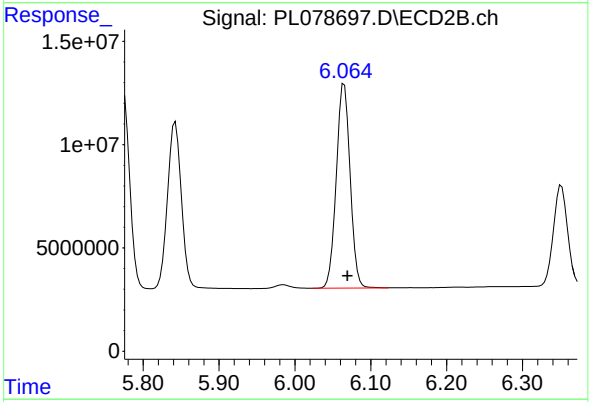
R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 102386317
Conc: 54.55 ng/ml




#19 Endosulfan Sulfate

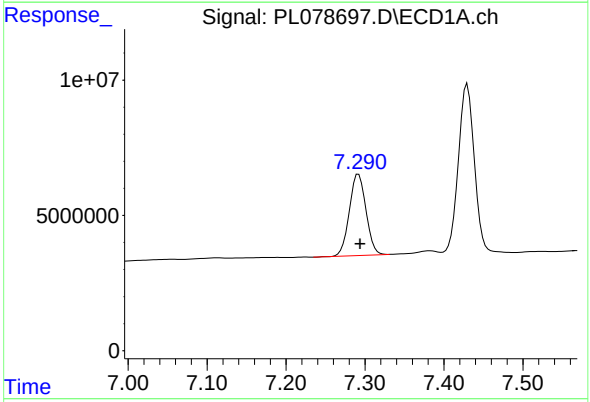
R.T.: 6.944 min
Delta R.T.: -0.002 min
Response: 83645854
Conc: 45.46 ng/ml

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



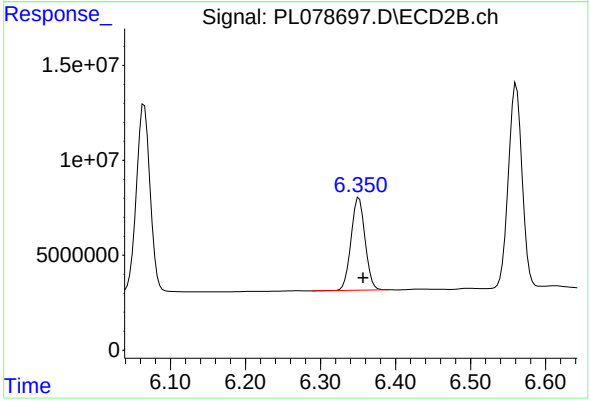

#19 Endosulfan Sulfate

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 125677494
Conc: 52.79 ng/ml



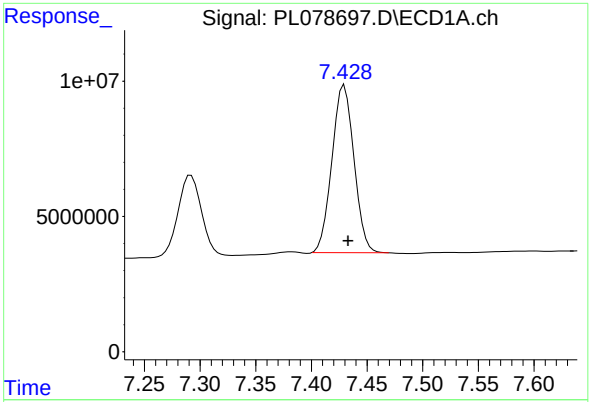

#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 43973800
Conc: 47.75 ng/ml




#20 Methoxychlor

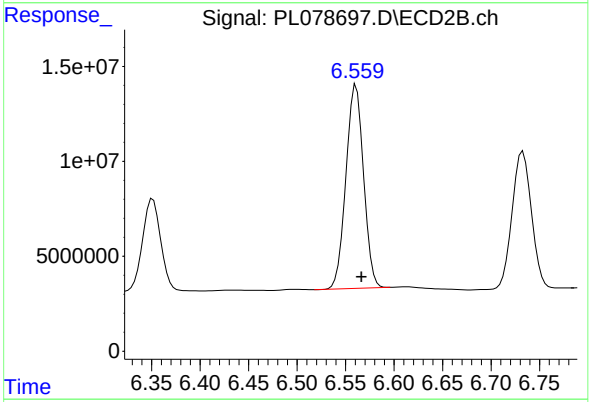
R.T.: 6.351 min
Delta R.T.: -0.005 min
Response: 63337466
Conc: 55.81 ng/ml




#21 Endrin ketone

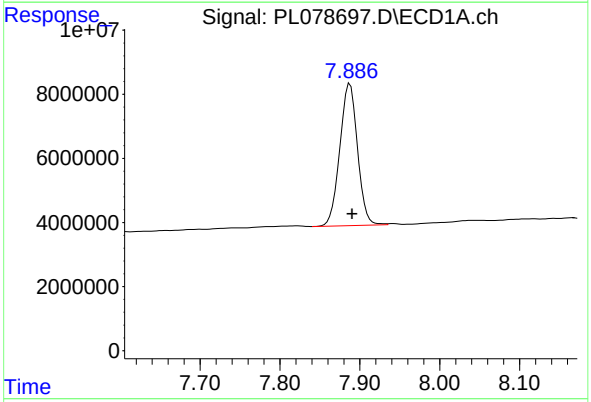
R.T.: 7.430 min
Delta R.T.: -0.003 min
Response: 85422888
Conc: 45.40 ng/ml

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



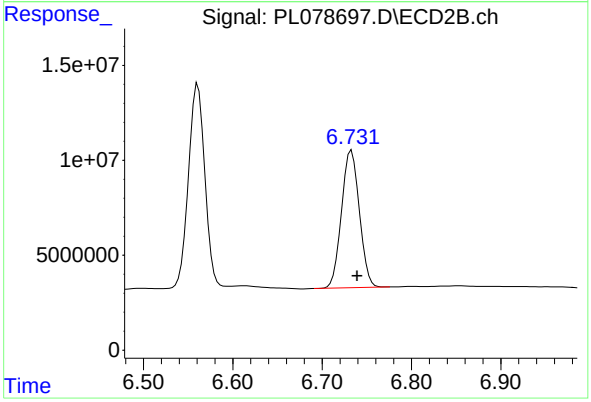

#21 Endrin ketone

R.T.: 6.561 min
Delta R.T.: -0.005 min
Response: 135516860
Conc: 52.43 ng/ml



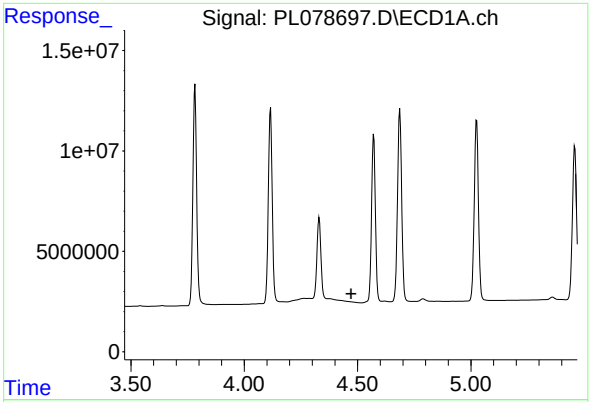

#22 Mirex

R.T.: 7.888 min
Delta R.T.: -0.003 min
Response: 68195271
Conc: 46.71 ng/ml




#22 Mirex

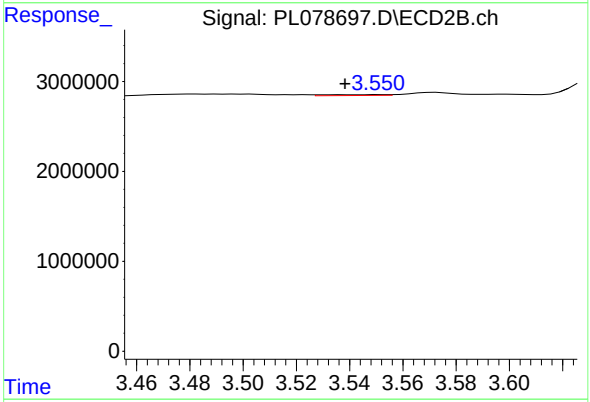
R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 100601170
Conc: 51.12 ng/ml




#23 Chlordane-1

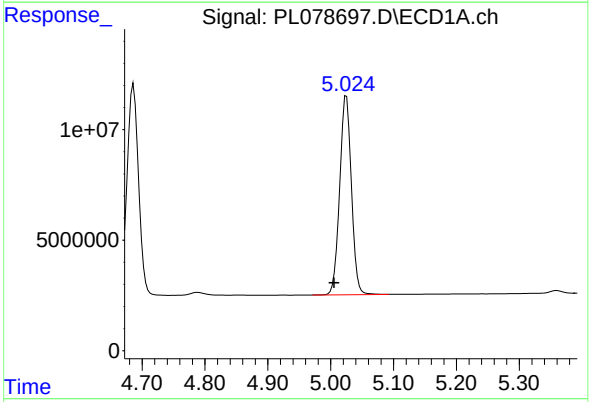
R.T.: 0.000 min
Exp R.T. : 4.472 min
Response: 0
Conc: N.D.

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



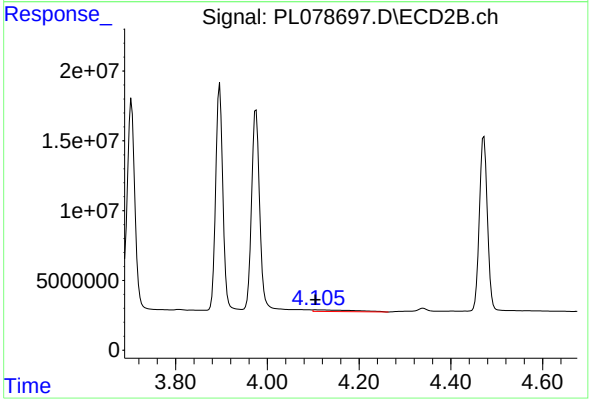

#23 Chlordane-1

R.T.: 3.552 min
Delta R.T.: 0.013 min
Response: 159935
Conc: 1.59 ng/ml



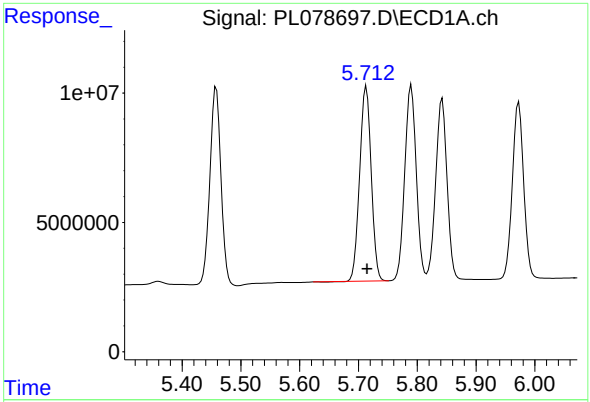

#24 Chlordane-2

R.T.: 5.025 min
Delta R.T.: 0.020 min
Response: 116760304
Conc: 1411.11 ng/ml




#24 Chlordane-2

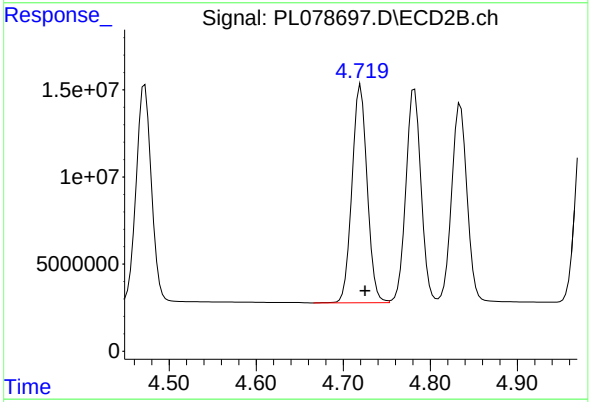
R.T.: 4.107 min
Delta R.T.: 0.002 min
Response: 7282642
Conc: 68.43 ng/ml




#25 Chlordane-3

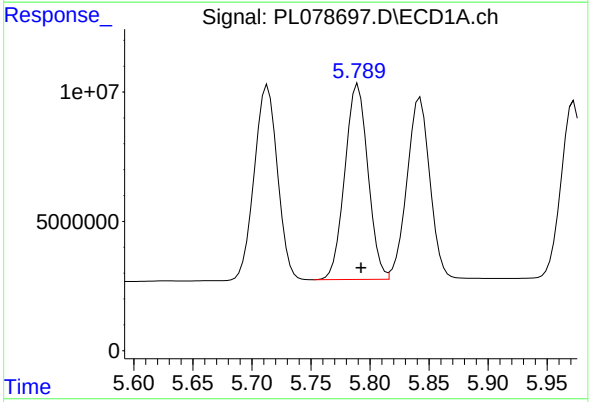
R.T.: 5.713 min
Delta R.T.: -0.001 min
Response: 102771433
Conc: 307.66 ng/ml

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



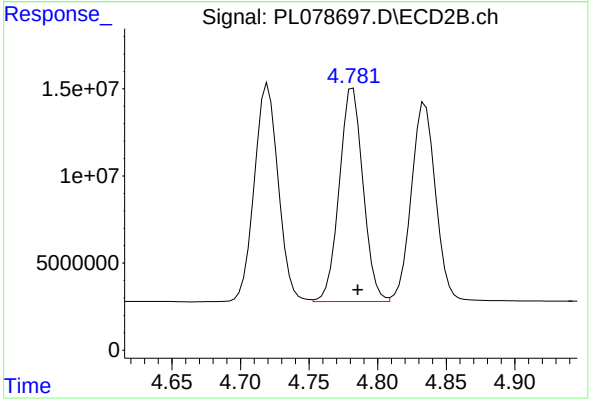

#25 Chlordane-3

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 152030624
Conc: 498.81 ng/ml



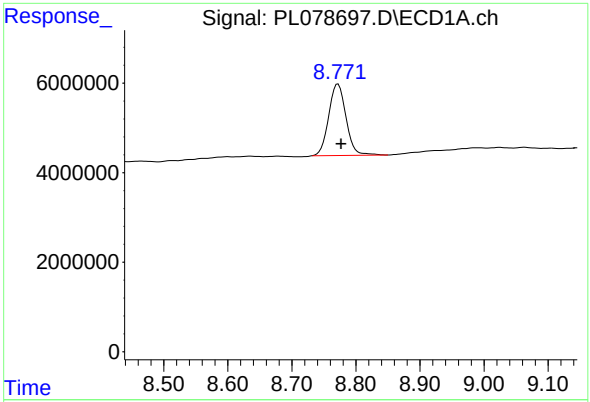

#26 Chlordane-4

R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 102951400
Conc: 250.77 ng/ml




#26 Chlordane-4

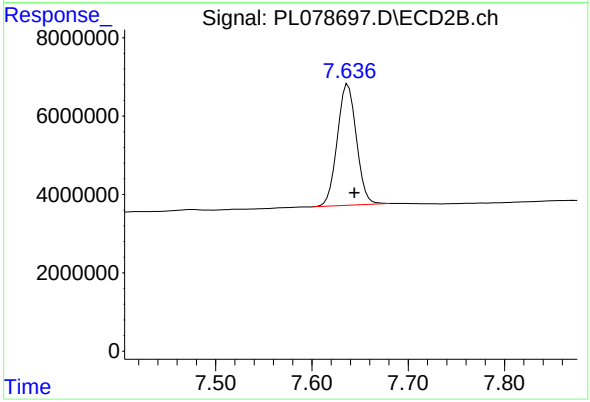
R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 148117174
Conc: 453.29 ng/ml




#28 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: -0.004 min
Response: 30131569
Conc: 20.03 ng/ml

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




#28 Decachlorobiphenyl

R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 42613132
Conc: 22.50 ng/ml