Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022820\
Data File : PL056890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2020 14:16
Operator : AJ\MA
Sample : L1719-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 29 03:36:56 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022720.M
Quant Title : GC Extractables
QLast Update : Thu Feb 27 13:35:45 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... | 3.498 | 4.001 | 392.6E6 | 128.3E6 | 21.955 | 23.949 | |
| 28) | SA Decachlor... | 8.254 | 9.068 | 360.3E6 | 87901144 | 18.140 | 20.769 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 3.936 | 4.390 | 1742.2E6 | 482.5E6 | 57.231 | 58.556 | |
| 3) | MA gamma-BHC... | 4.221 | 4.675 | 1635.0E6 | 435.6E6 | 56.882 | 56.814 | |
| 4) | MA Heptachlor | 4.522 | 5.180 | 1670.0E6 | 404.3E6 | 59.404 | 62.864 | |
| 5) | MB Aldrin | 4.771 | 5.485 | 1544.2E6 | 377.3E6 | 54.978 | 56.808 | |
| 6) | B beta-BHC | 4.471 | 4.847 | 642.3E6 | 188.6E6 | 56.929 | 56.544 | |
| 7) | B delta-BHC | 4.676 | 5.064 | 1547.2E6 | 341.3E6 | 55.073 | 54.070 | |
| 8) | B Heptachlo... | 5.215 | 5.871 | 1480.2E6 | 314.0E6 | 56.025 | 52.648 | |
| 9) | A Endosulfan I | 5.555 | 6.229 | 1386.8E6 | 324.0E6 | 55.724 | 57.752 | |
| 10) | B gamma-Chl... | 5.442 | 6.106 | 1506.9E6 | 344.9E6 | 55.154 | 57.551 | |
| 11) | B alpha-Chl... | 5.500 | 6.178 | 1462.5E6 | 336.9E6 | 54.534 | 56.624 | |
| 12) | B 4,4'-DDE | 5.663 | 6.337 | 1502.3E6 | 348.5E6 | 58.374 | 59.851 | |
| 13) | MA Dieldrin | 5.798 | 6.486 | 1549.2E6 | 349.5E6 | 57.161 | 58.717 | |
| 14) | MA Endrin | 6.055 | 6.704 | 1409.2E6 | 302.1E6 | 57.842 | 58.817 | |
| 15) | B Endosulfa... | 6.329 | 6.915 | 1328.1E6 | 286.1E6 | 61.694 | 53.609 | |
| 16) | A 4,4'-DDD | 6.180 | 6.829 | 1236.8E6 | 277.7E6 | 62.848 | 57.722 | |
| 17) | MA 4,4'-DDT | 6.420 | 7.128 | 1264.9E6 | 267.4E6 | 63.004 | 58.578 | |
| 18) | B Endrin al... | 6.497 | 7.039 | 1101.8E6 | 242.0E6 | 55.692 | 54.875 | |
| 19) | B Endosulfa... | 6.710 | 7.263 | 1215.1E6 | 277.1E6 | 57.058 | 57.348 | |
| 20) | A Methoxychlor | 6.965 | 7.587 | 572.8E6 | 133.8E6 | 55.293 | 57.223 | |
| 21) | B Endrin ke... | 7.202 | 7.734 | 1315.8E6 | 297.4E6 | 53.419 | 57.778 | |
| 22) | Mirex | 7.391 | 8.188 | 960.8E6 | 195.5E6 | 67.748 | 58.010 | |
| 23) | Chlordane-1 | 4.388f | 0.000 | 21111344 | 0 | 30.316 | N.D. | # |
| 24) | Chlordane-2 | 0.000 | 5.485 | 0 | 377.3E6 | N.D. | 1809.723 | # |
| 25) | Chlordane-3 | 5.442 | 6.106f | 1506.9E6 | 344.9E6 | 646.967 | 452.716 | # |
| 26) | Chlordane-4 | 5.500 | 6.178f | 1462.5E6 | 336.9E6 | 736.705 | 379.206 | # |
| 27) | Chlordane-5 | 6.329 | 7.039f | 1328.1E6 | 242.0E6 | 1603.476 | 1420.306 | |

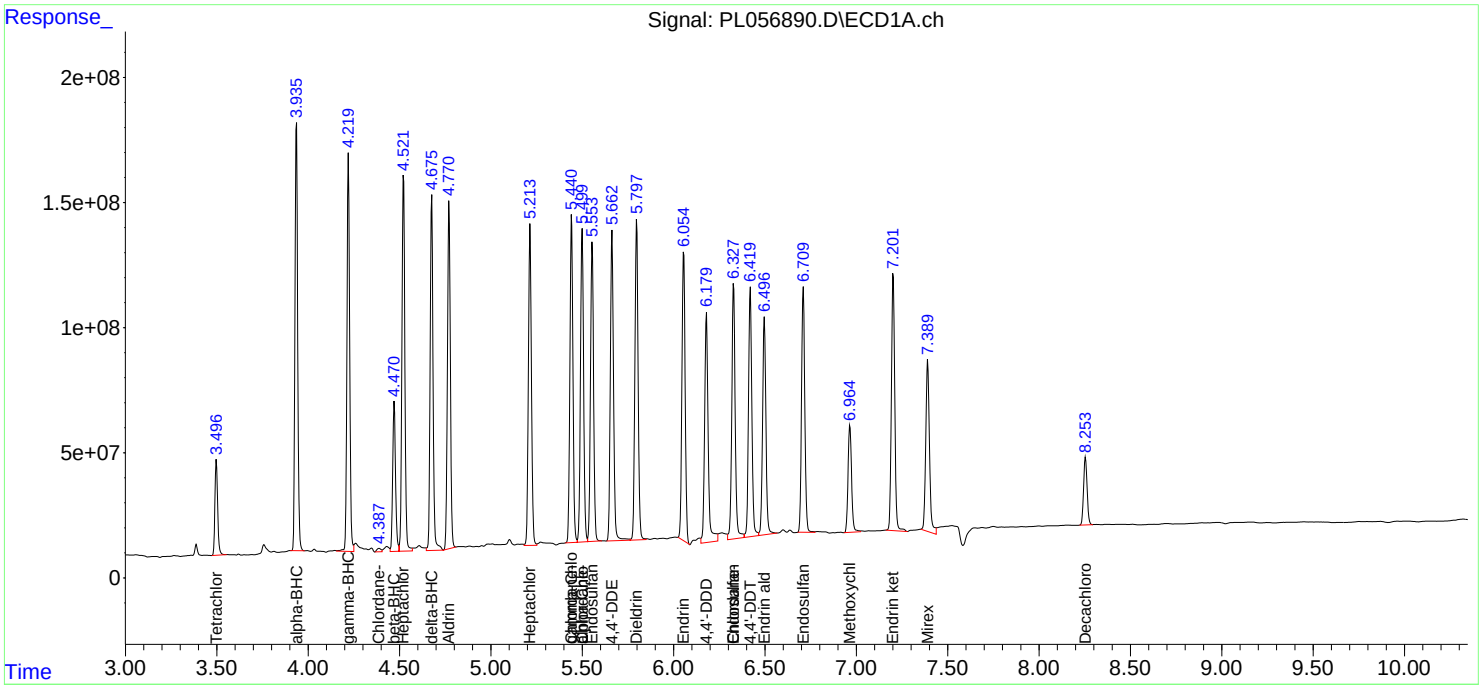
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

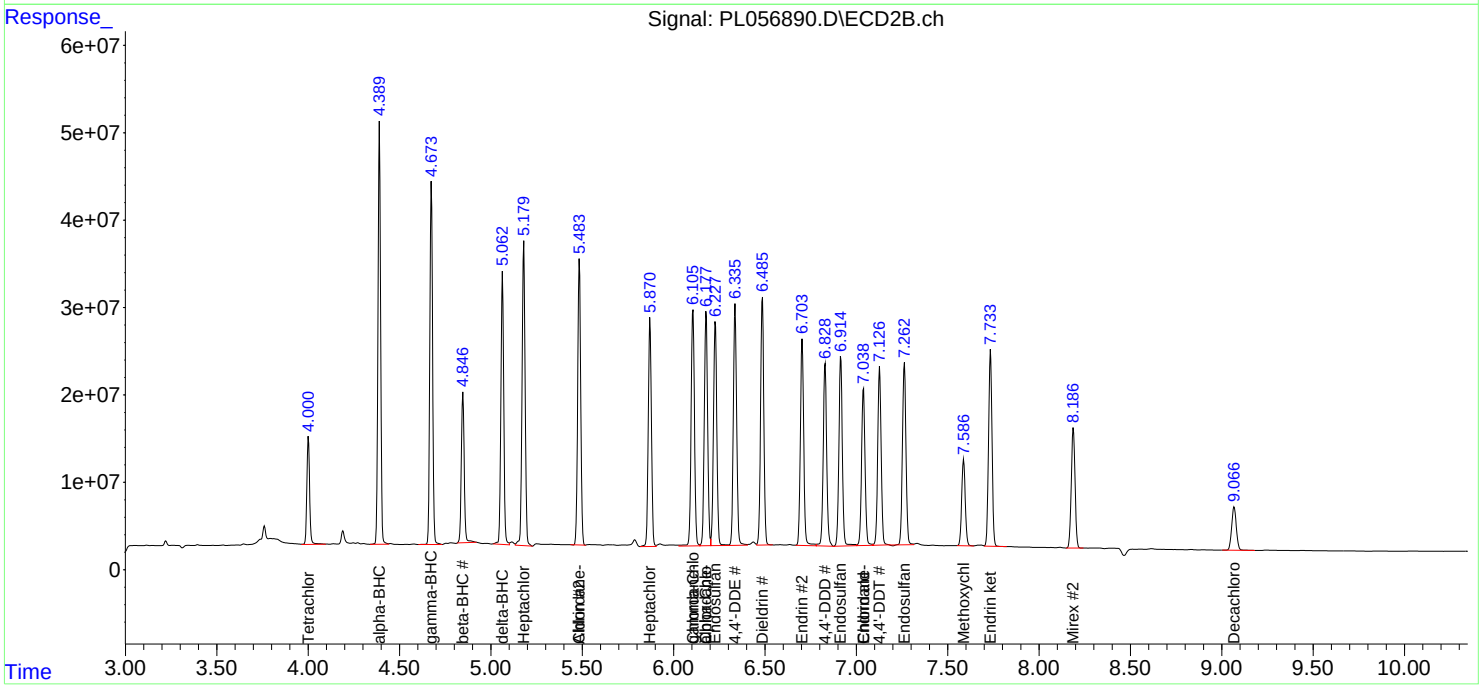
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022820\
Data File : PL056890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2020 14:16
Operator : AJ\MA
Sample : L1719-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

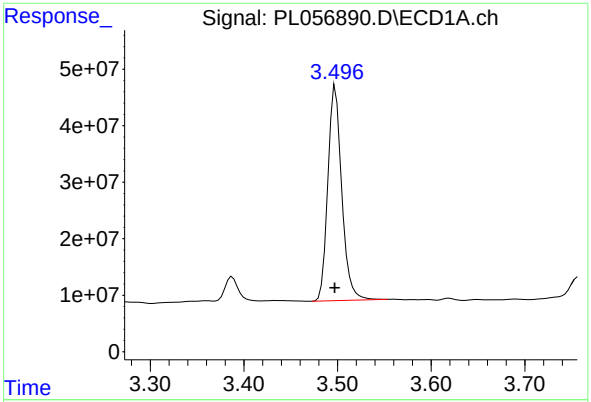
**Instrument :**
ECD_L
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 29 03:36:56 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022720.M
Quant Title : GC Extractables
QLast Update : Thu Feb 27 13:35:45 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



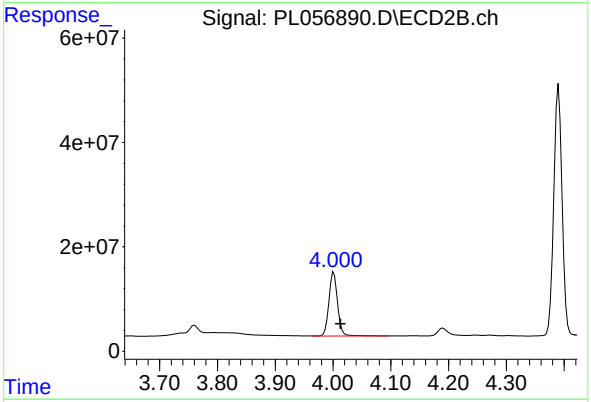






#1 Tetrachloro-m-xylene

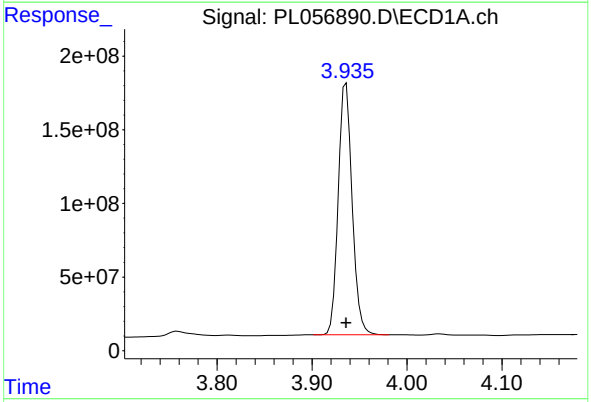
R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 392626640
Conc: 21.95 ng/ml

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



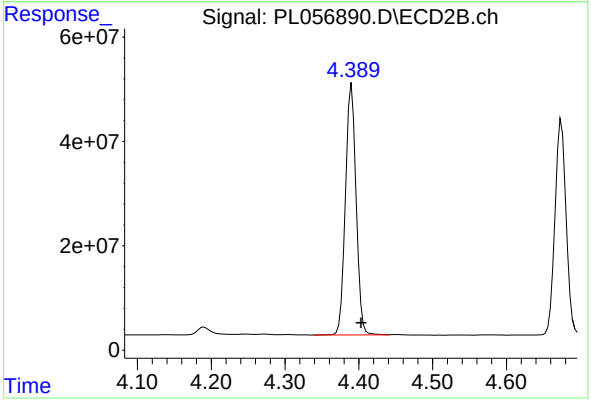

#1 Tetrachloro-m-xylene

R.T.: 4.001 min
Delta R.T.: -0.012 min
Response: 128340489
Conc: 23.95 ng/ml



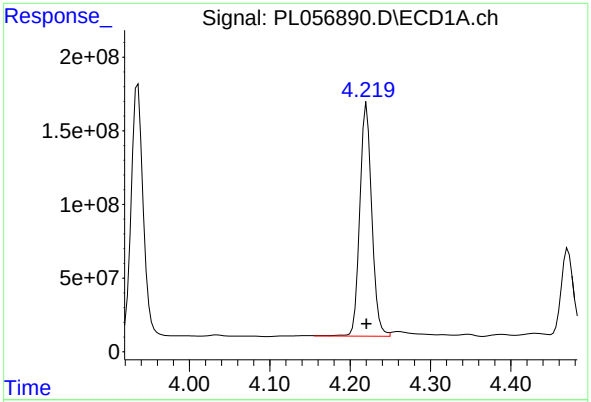

#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 1742150391
Conc: 57.23 ng/ml




#2 alpha-BHC

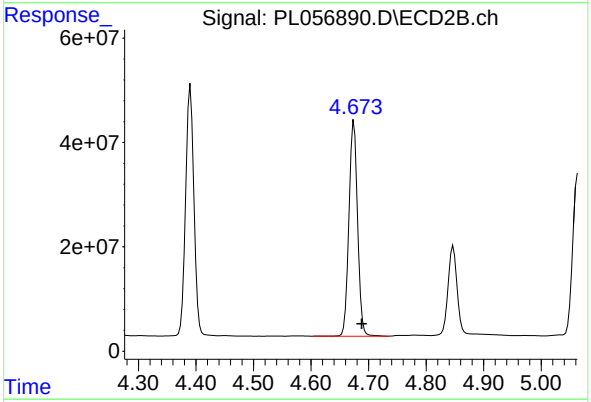
R.T.: 4.390 min
Delta R.T.: -0.013 min
Response: 482467715
Conc: 58.56 ng/ml




#3 gamma-BHC (Lindane)

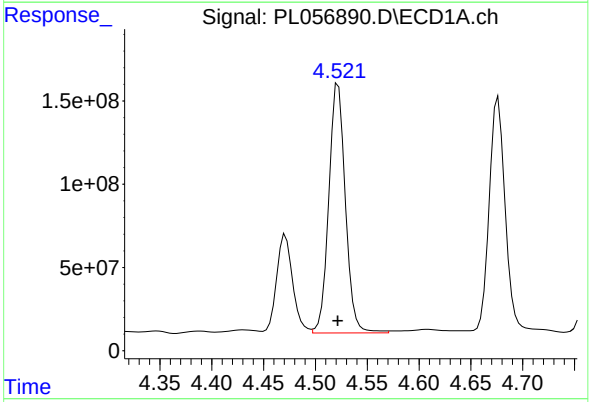
R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 1635037648
Conc: 56.88 ng/ml

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



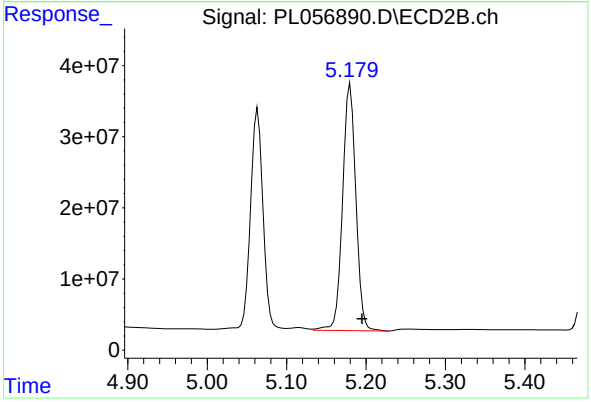

#3 gamma-BHC (Lindane)

R.T.: 4.675 min
Delta R.T.: -0.013 min
Response: 435586731
Conc: 56.81 ng/ml



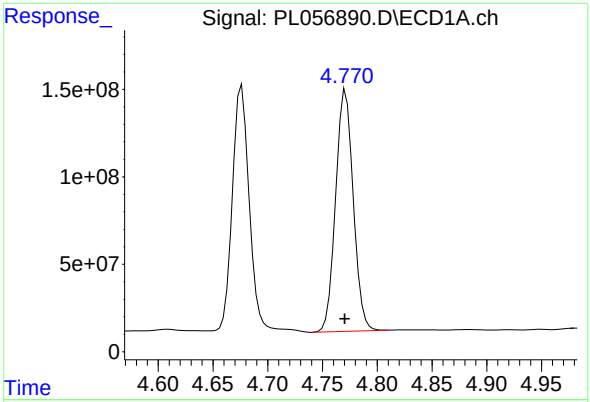

#4 Heptachlor

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 1669960016
Conc: 59.40 ng/ml




#4 Heptachlor

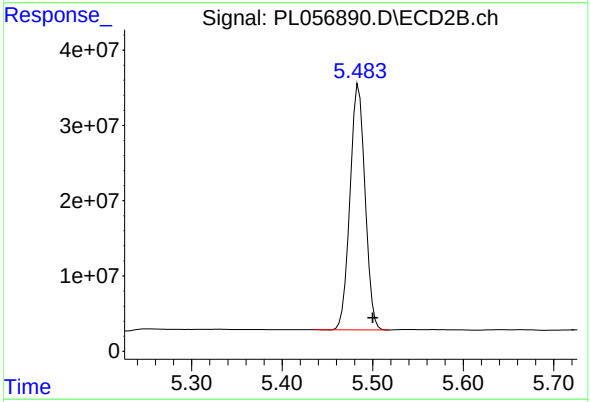
R.T.: 5.180 min
Delta R.T.: -0.015 min
Response: 404345214
Conc: 62.86 ng/ml




#5 Aldrin

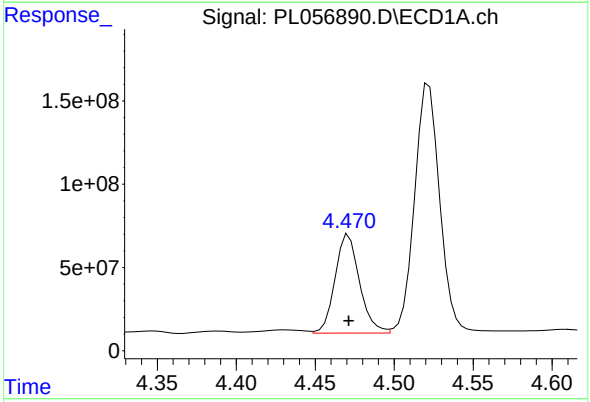
R.T.: 4.771 min
Delta R.T.: 0.001 min
Response: 1544164910
Conc: 54.98 ng/ml

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



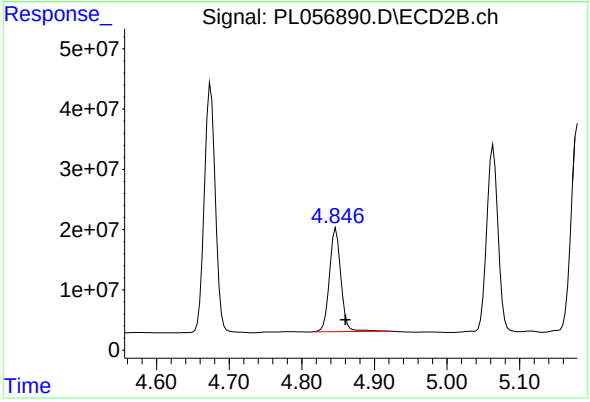

#5 Aldrin

R.T.: 5.485 min
Delta R.T.: -0.015 min
Response: 377317796
Conc: 56.81 ng/ml



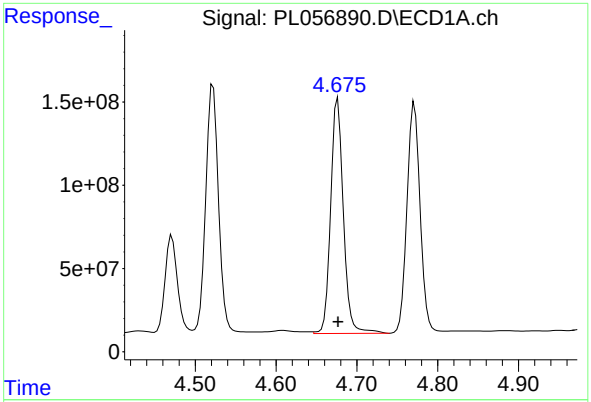

#6 beta-BHC

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 642309397
Conc: 56.93 ng/ml




#6 beta-BHC

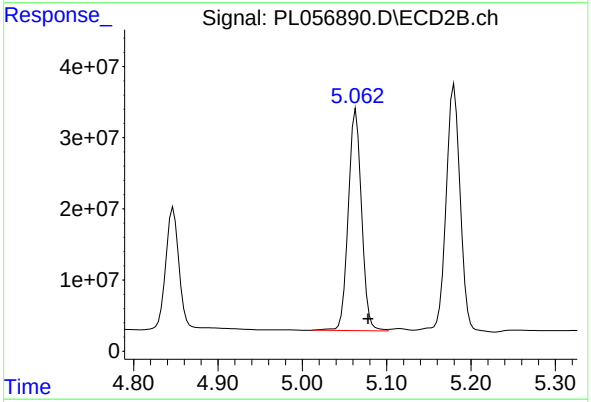
R.T.: 4.847 min
Delta R.T.: -0.013 min
Response: 188606744
Conc: 56.54 ng/ml




#7 delta-BHC

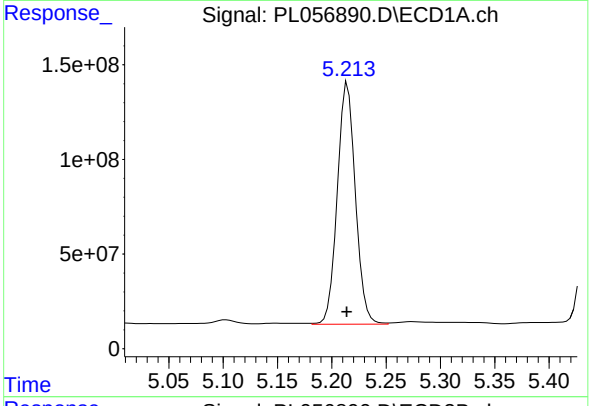
R.T.: 4.676 min
Delta R.T.: 0.000 min
Response: 1547244312
Conc: 55.07 ng/ml

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



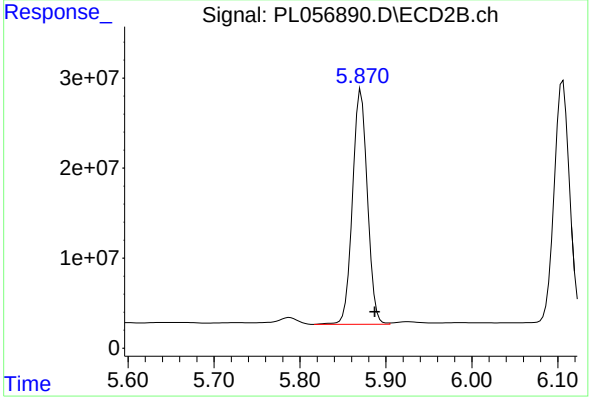

#7 delta-BHC

R.T.: 5.064 min
Delta R.T.: -0.014 min
Response: 341280153
Conc: 54.07 ng/ml



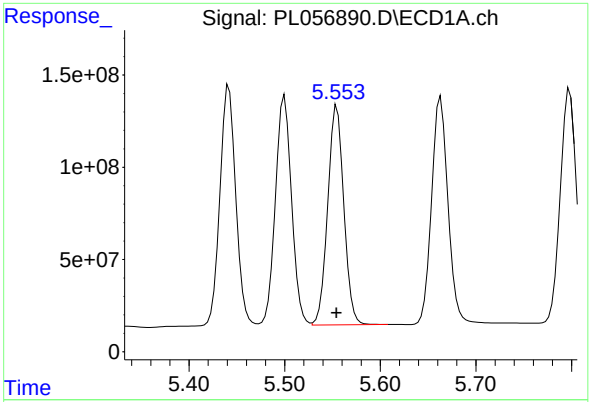

#8 Heptachlor epoxide

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 1480182233
Conc: 56.02 ng/ml




#8 Heptachlor epoxide

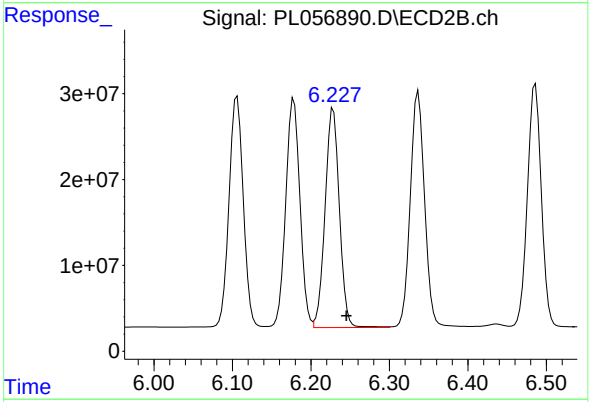
R.T.: 5.871 min
Delta R.T.: -0.016 min
Response: 314009313
Conc: 52.65 ng/ml




#9 Endosulfan I

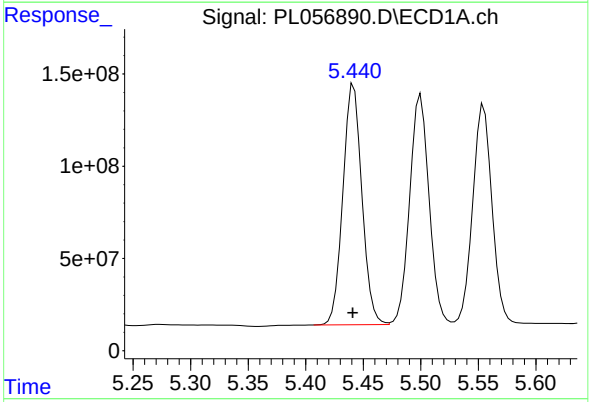
R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 1386845174
Conc: 55.72 ng/ml

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



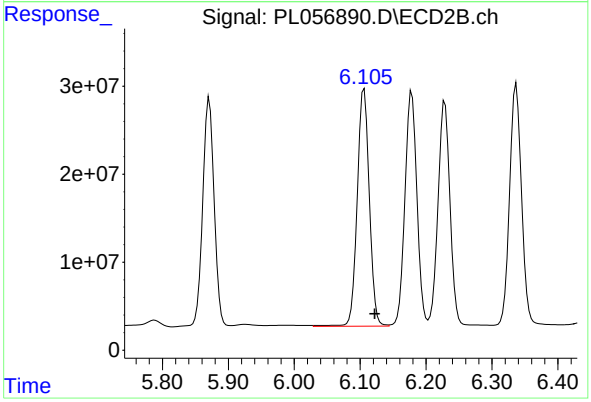

#9 Endosulfan I

R.T.: 6.229 min
Delta R.T.: -0.016 min
Response: 324043705
Conc: 57.75 ng/ml



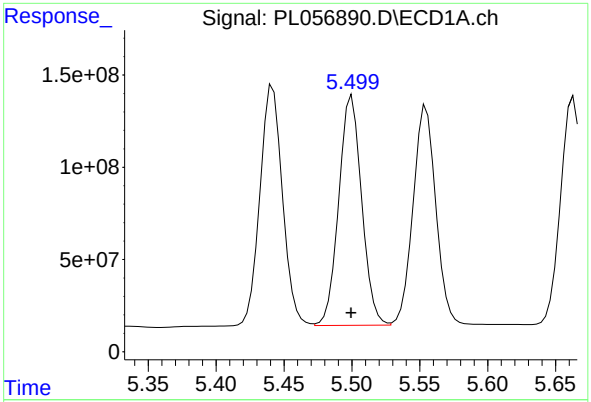

#10 gamma-Chlordane

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 1506881045
Conc: 55.15 ng/ml




#10 gamma-Chlordane

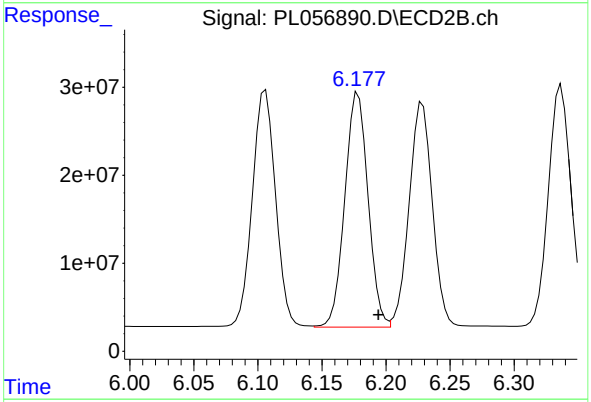
R.T.: 6.106 min
Delta R.T.: -0.016 min
Response: 344936691
Conc: 57.55 ng/ml




#11 alpha-Chlordane

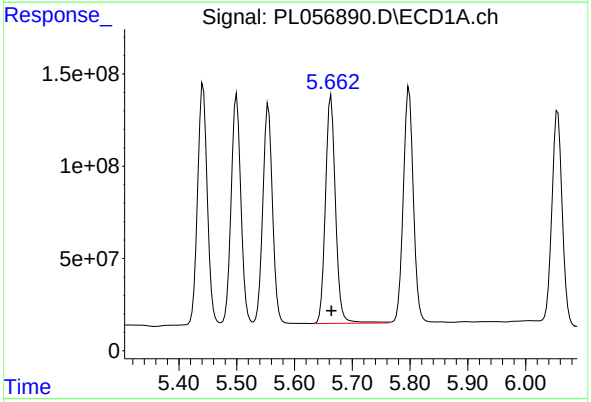
R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 1462536529
Conc: 54.53 ng/ml

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



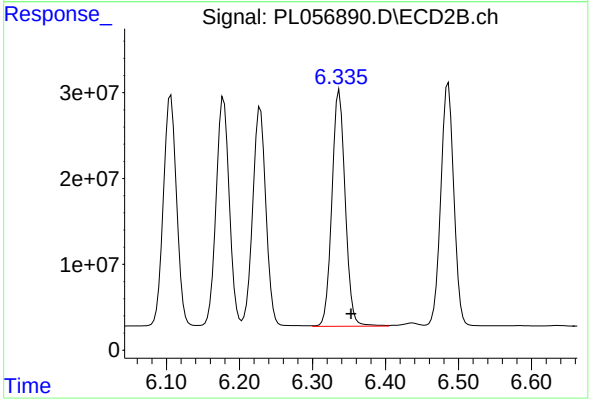

#11 alpha-Chlordane

R.T.: 6.178 min
Delta R.T.: -0.016 min
Response: 336854318
Conc: 56.62 ng/ml



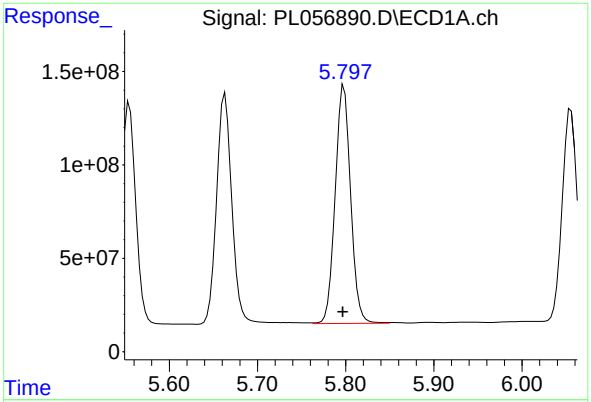

#12 4,4'-DDE

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 1502310084
Conc: 58.37 ng/ml




#12 4,4'-DDE

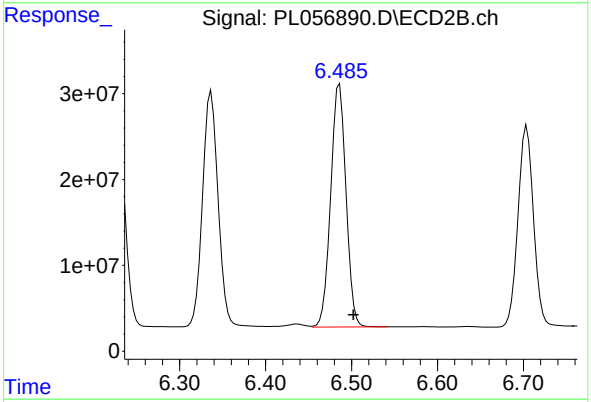
R.T.: 6.337 min
Delta R.T.: -0.016 min
Response: 348452795
Conc: 59.85 ng/ml




#13 Dieldrin

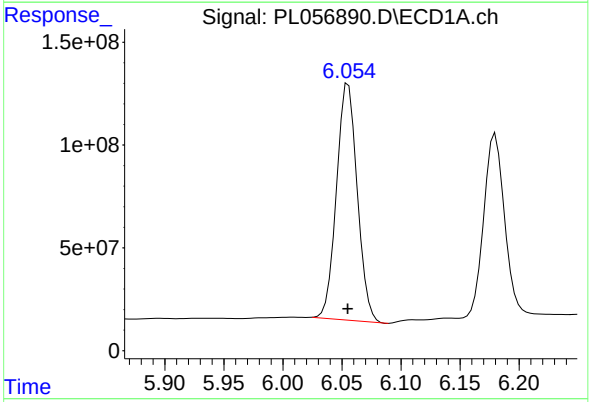
R.T.: 5.798 min
Delta R.T.: 0.001 min
Response: 1549179407
Conc: 57.16 ng/ml

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



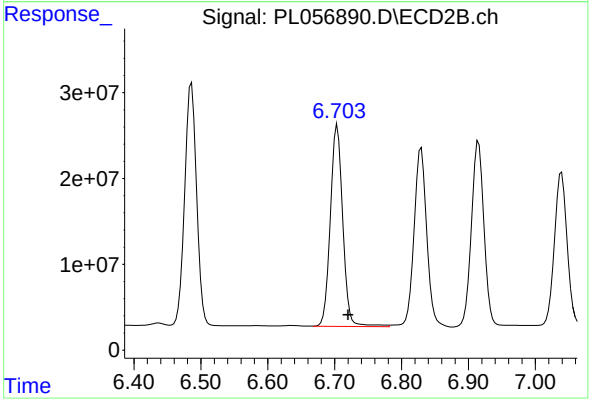

#13 Dieldrin

R.T.: 6.486 min
Delta R.T.: -0.016 min
Response: 349502396
Conc: 58.72 ng/ml



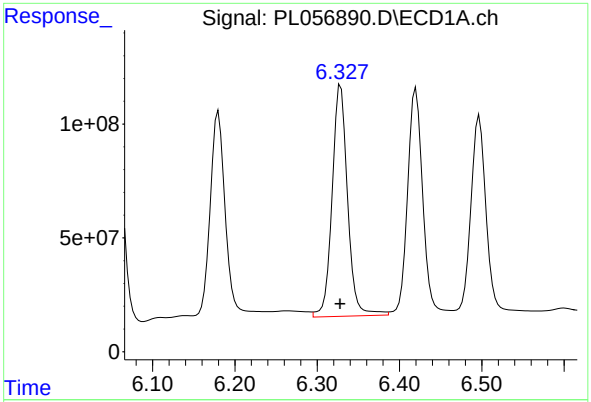

#14 Endrin

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 1409158522
Conc: 57.84 ng/ml




#14 Endrin

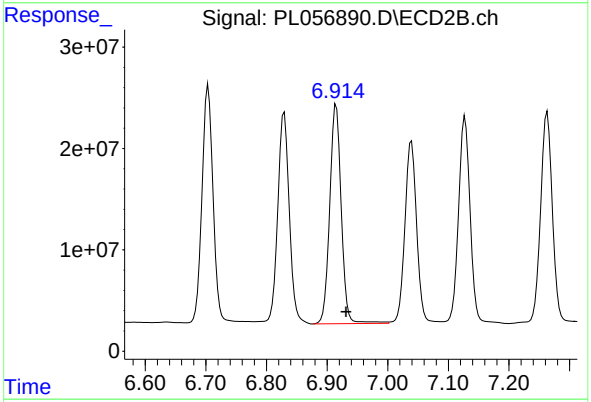
R.T.: 6.704 min
Delta R.T.: -0.016 min
Response: 302056120
Conc: 58.82 ng/ml




#15 Endosulfan II

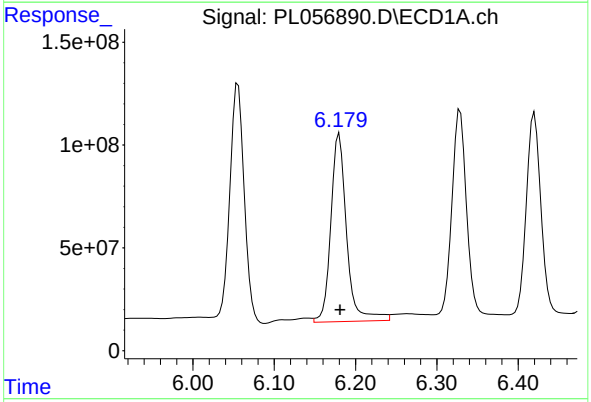
R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 1328074046
Conc: 61.69 ng/ml

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



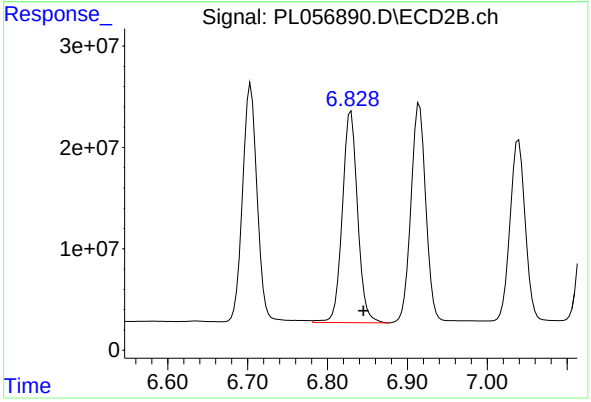

#15 Endosulfan II

R.T.: 6.915 min
Delta R.T.: -0.016 min
Response: 286130292
Conc: 53.61 ng/ml



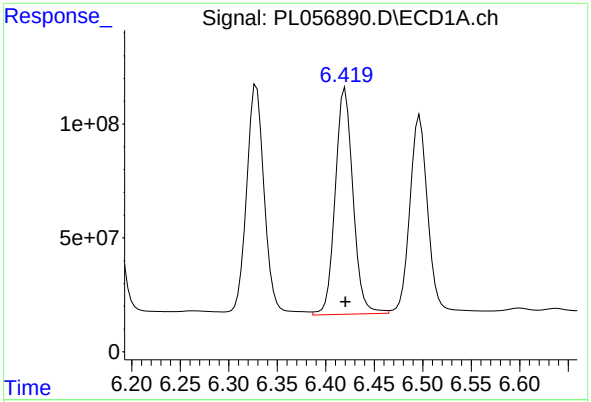

#16 4,4'-DDD

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 1236779474
Conc: 62.85 ng/ml




#16 4,4'-DDD

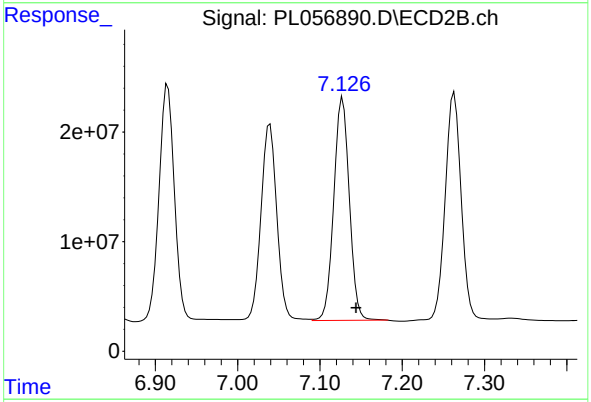
R.T.: 6.829 min
Delta R.T.: -0.016 min
Response: 277674753
Conc: 57.72 ng/ml




#17 4,4'-DDT

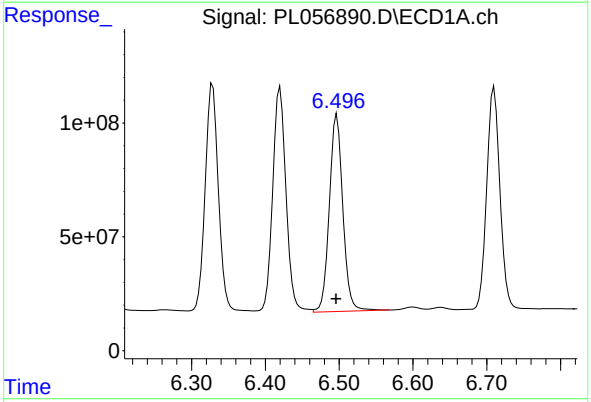
R.T.: 6.420 min
Delta R.T.: 0.000 min
Response: 1264892373
Conc: 63.00 ng/ml

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



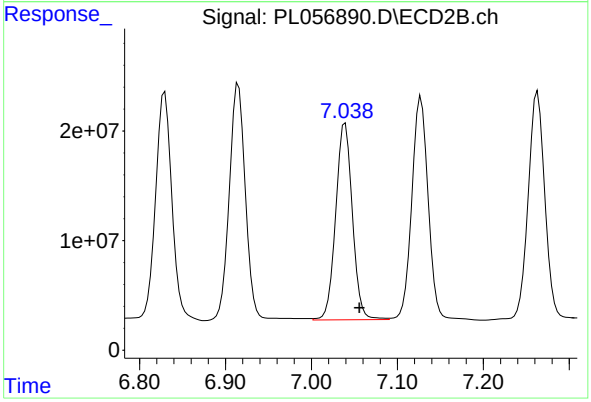

#17 4,4'-DDT

R.T.: 7.128 min
Delta R.T.: -0.016 min
Response: 267378727
Conc: 58.58 ng/ml



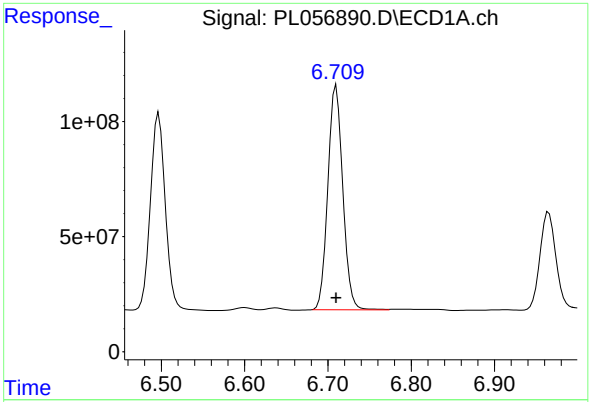

#18 Endrin aldehyde

R.T.: 6.497 min
Delta R.T.: 0.001 min
Response: 1101849554
Conc: 55.69 ng/ml




#18 Endrin aldehyde

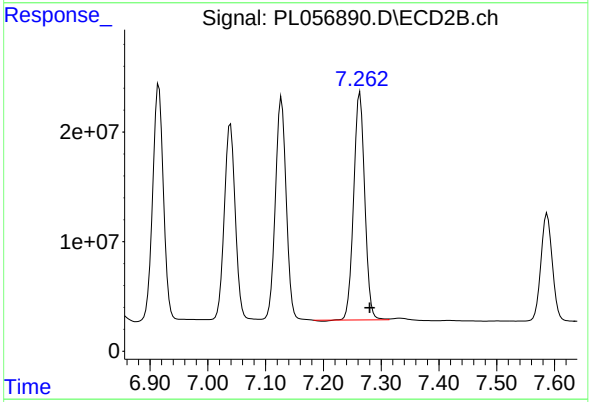
R.T.: 7.039 min
Delta R.T.: -0.017 min
Response: 242016019
Conc: 54.88 ng/ml




#19 Endosulfan Sulfate

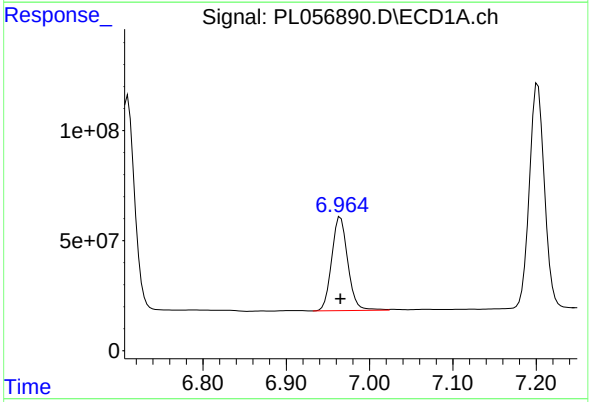
R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 1215061808
Conc: 57.06 ng/ml

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



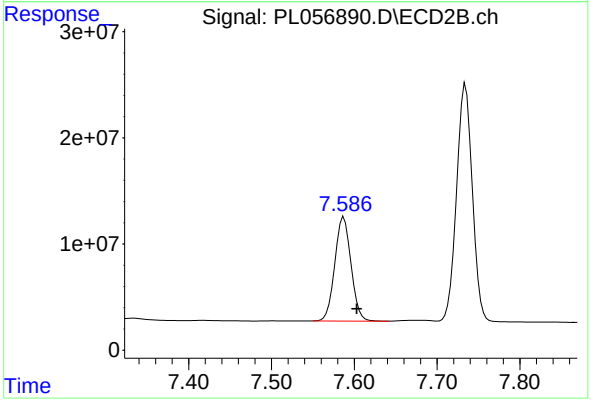

#19 Endosulfan Sulfate

R.T.: 7.263 min
Delta R.T.: -0.017 min
Response: 277054987
Conc: 57.35 ng/ml



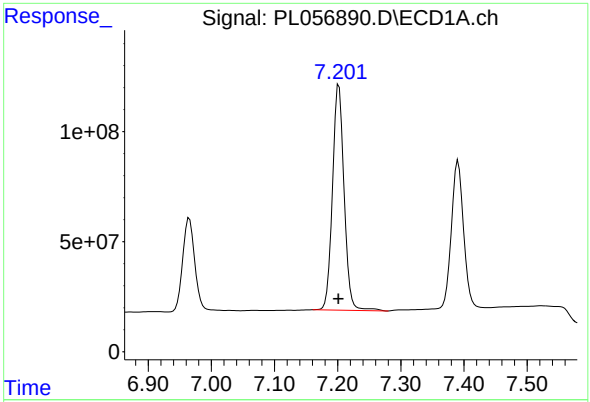

#20 Methoxychlor

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 572815304
Conc: 55.29 ng/ml




#20 Methoxychlor

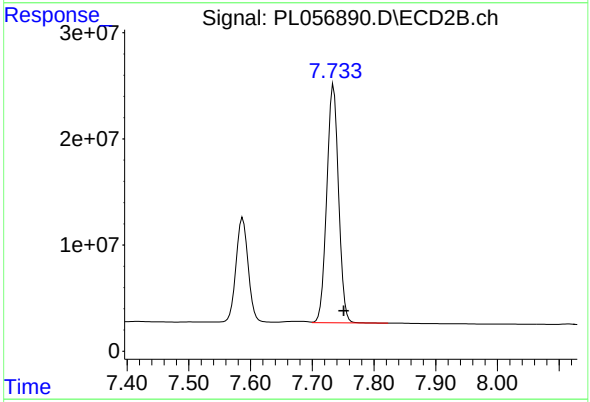
R.T.: 7.587 min
Delta R.T.: -0.016 min
Response: 133836970
Conc: 57.22 ng/ml




#21 Endrin ketone

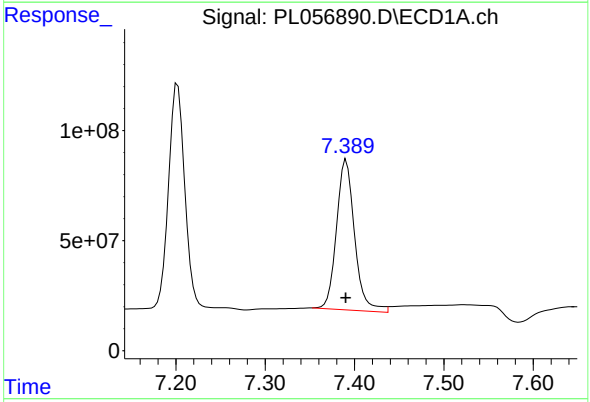
R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 1315844048
Conc: 53.42 ng/ml

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



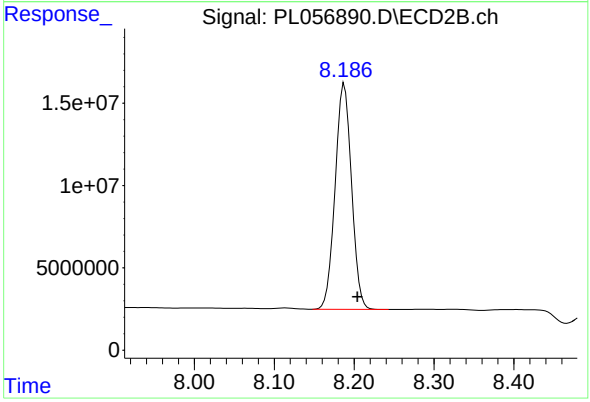

#21 Endrin ketone

R.T.: 7.734 min
Delta R.T.: -0.017 min
Response: 297404359
Conc: 57.78 ng/ml



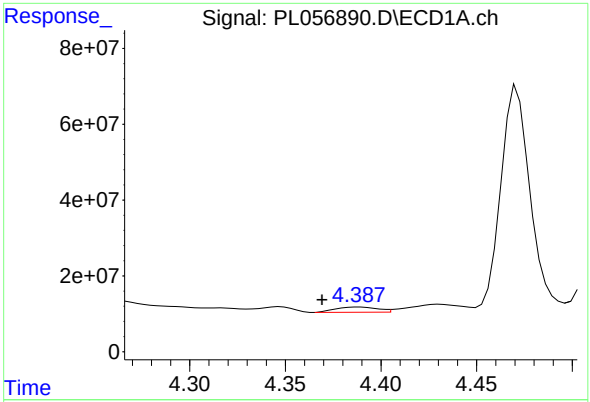

#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 960789591
Conc: 67.75 ng/ml




#22 Mirex

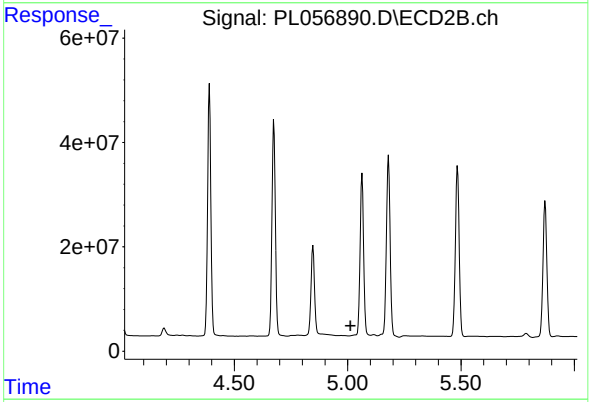
R.T.: 8.188 min
Delta R.T.: -0.016 min
Response: 195520833
Conc: 58.01 ng/ml




#23 Chlordane-1

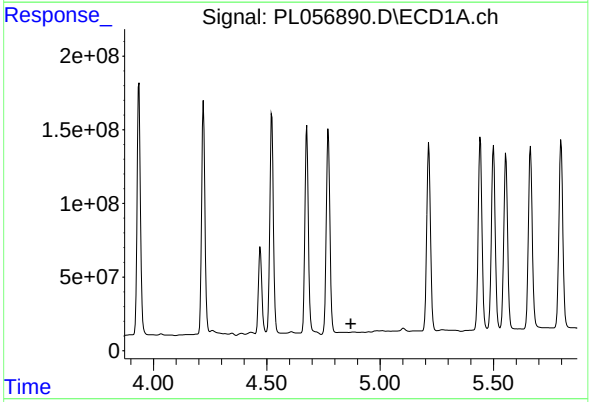
R.T.: 4.388 min
Delta R.T.: 0.019 min
Response: 21111344
Conc: 30.32 ng/ml

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



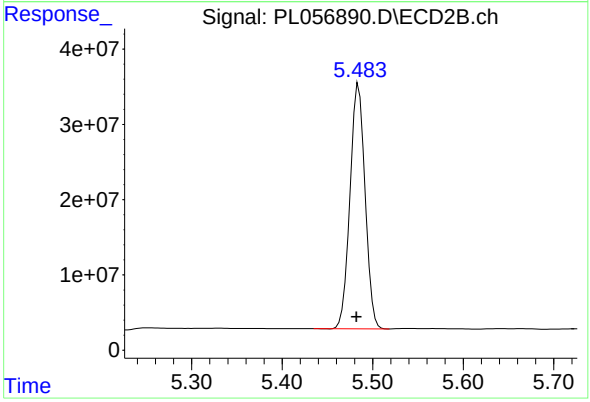

#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.013 min
Response: 0
Conc: N.D.



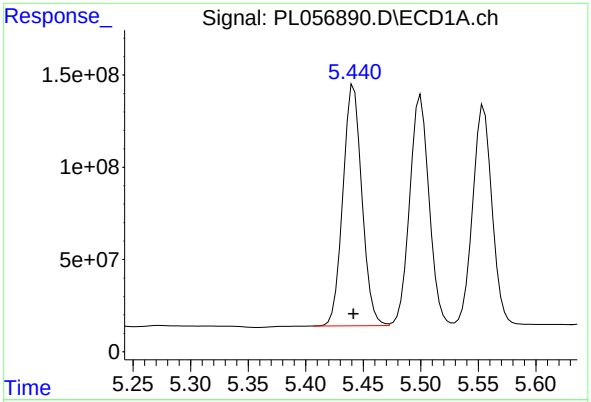

#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.871 min
Response: 0
Conc: N.D.




#24 Chlordane-2

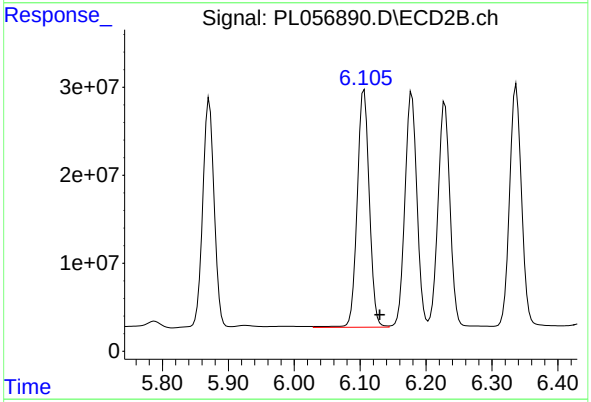
R.T.: 5.485 min
Delta R.T.: 0.003 min
Response: 377317796
Conc: 1809.72 ng/ml




#25 Chlordane-3

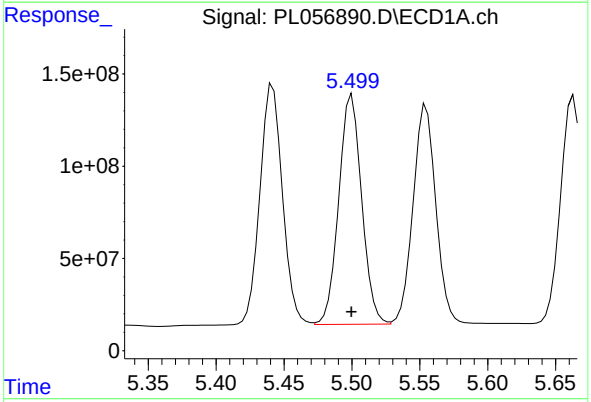
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 1506881045
Conc: 646.97 ng/ml

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



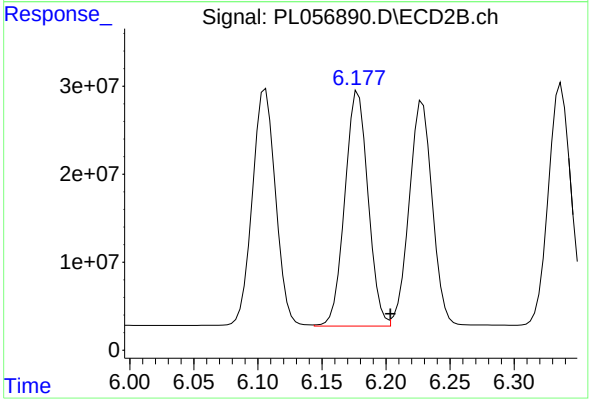

#25 Chlordane-3

R.T.: 6.106 min
Delta R.T.: -0.024 min
Response: 344936691
Conc: 452.72 ng/ml



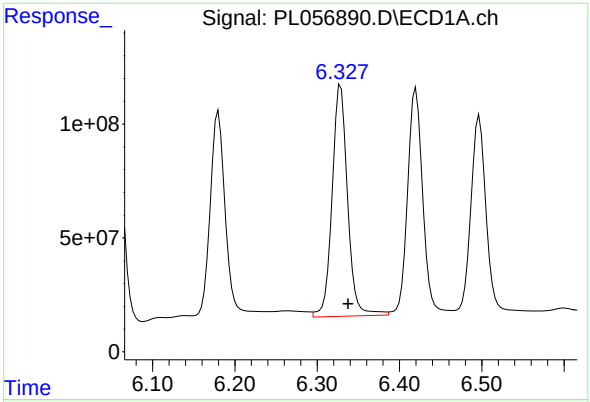

#26 Chlordane-4

R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 1462536529
Conc: 736.71 ng/ml




#26 Chlordane-4

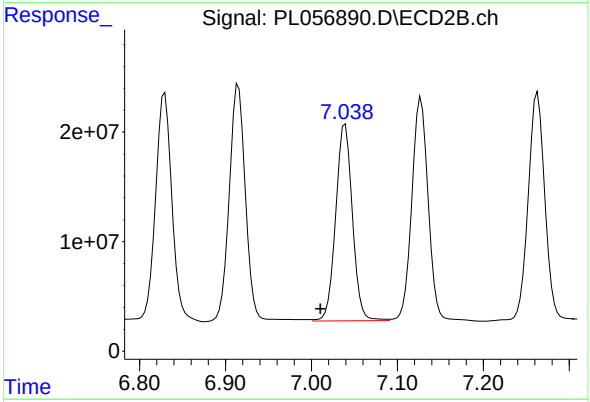
R.T.: 6.178 min
Delta R.T.: -0.025 min
Response: 336854318
Conc: 379.21 ng/ml




#27 Chlordane-5

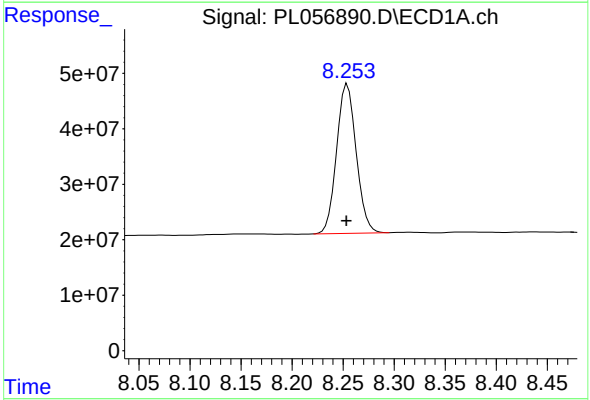
R.T.: 6.329 min
Delta R.T.: -0.009 min
Response: 1328074046
Conc: 1603.48 ng/ml

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



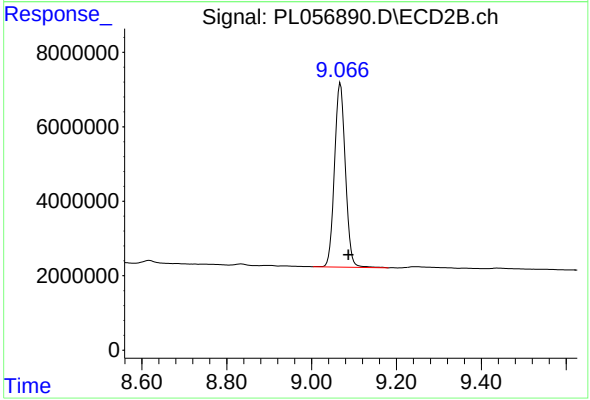

#27 Chlordane-5

R.T.: 7.039 min
Delta R.T.: 0.029 min
Response: 242016019
Conc: 1420.31 ng/ml




#28 Decachlorobiphenyl

R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 360312341
Conc: 18.14 ng/ml




#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.019 min
Response: 87901144
Conc: 20.77 ng/ml