Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061722\
Data File : PL075845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2022 14:48
Operator : AR\AJ
Sample : PB145627BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 22:33:09 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060622.M
Quant Title : GC Extractables
QLast Update : Tue Jun 07 02:04:29 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... | 5.642 | 4.636 | 11568136 | 28524182 | 17.141 | 16.997 | |
| 28) | SA Decachlor... | 11.638 | 10.379 | 11293326 | 24063712 | 18.446 | 17.079 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 6.225 | 5.337 | 48679679 | 115.5E6 | 51.789 | 51.010 | |
| 3) | MA gamma-BHC... | 6.624 | 5.758 | 45493462 | 107.1E6 | 51.830 | 49.386 | |
| 4) | MA Heptachlor | 7.279 | 6.165 | 45288073 | 101.8E6 | 49.251 | 47.731 | |
| 5) | MB Aldrin | 7.652 | 6.489 | 43123329 | 99977396 | 52.522 | 50.905 | |
| 6) | B beta-BHC | 6.877 | 6.136 | 20251679 | 44194986 | 49.344 | 45.026 | |
| 7) | B delta-BHC | 7.146 | 6.396 | 42536640 | 105.3E6 | 55.280 | 49.204 | |
| 8) | B Heptachlo... | 8.121 | 7.063 | 40144094 | 91018745 | 51.934 | 49.741 | |
| 9) | A Endosulfan I | 8.529 | 7.464 | 36294213 | 83599515 | 51.872 | 49.983 | |
| 10) | B gamma-Chl... | 8.391 | 7.339 | 40882412 | 91685361 | 52.646 | 50.005 | |
| 11) | B alpha-Chl... | 8.473 | 7.408 | 39659851 | 90620590 | 52.006 | 49.631 | |
| 12) | B 4,4'-DDE | 8.659 | 7.620 | 34535352 | 81614977 | 52.182 | 51.049 | |
| 13) | MA Dieldrin | 8.820 | 7.750 | 37578952 | 87343544 | 52.017 | 51.603 | |
| 14) | MA Endrin | 9.061 | 8.040 | 30036596 | 73621163 | 50.659 | 53.851 | |
| 15) | B Endosulfa... | 9.294 | 8.350 | 31898642 | 73375154 | 51.260 | 51.201 | |
| 16) | A 4,4'-DDD | 9.201 | 8.204 | 29216335 | 68833633 | 53.397 | 52.347 | |
| 17) | MA 4,4'-DDT | 9.520 | 8.464 | 28608659 | 66086931 | 44.660 | 47.011 | |
| 18) | B Endrin al... | 9.429 | 8.538 | 25936441 | 57765954 | 50.640 | 51.286 | |
| 19) | B Endosulfa... | 9.668 | 8.768 | 31317076 | 72542635 | 49.995 | 49.390 | |
| 20) | A Methoxychlor | 10.006 | 9.057 | 16031585 | 37410549 | 44.784 | 45.922 | |
| 21) | B Endrin ke... | 10.170 | 9.286 | 35136159 | 79660514 | 49.963 | 49.348 | |
| 22) | Mirex | 10.643 | 9.473 | 26204648 | 61182379 | 46.562 | 47.645 | |
| 24) | Chlordane-2 | 7.652f | 0.000 | 43123329 | 0 | 1402.103 | N.D. | # |
| 25) | Chlordane-3 | 8.391 | 7.339 | 40882412 | 91685361 | 395.945 | 533.103 | # |
| 26) | Chlordane-4 | 8.473 | 7.408 | 39659851 | 90620590 | 313.128 | 492.323 | # |

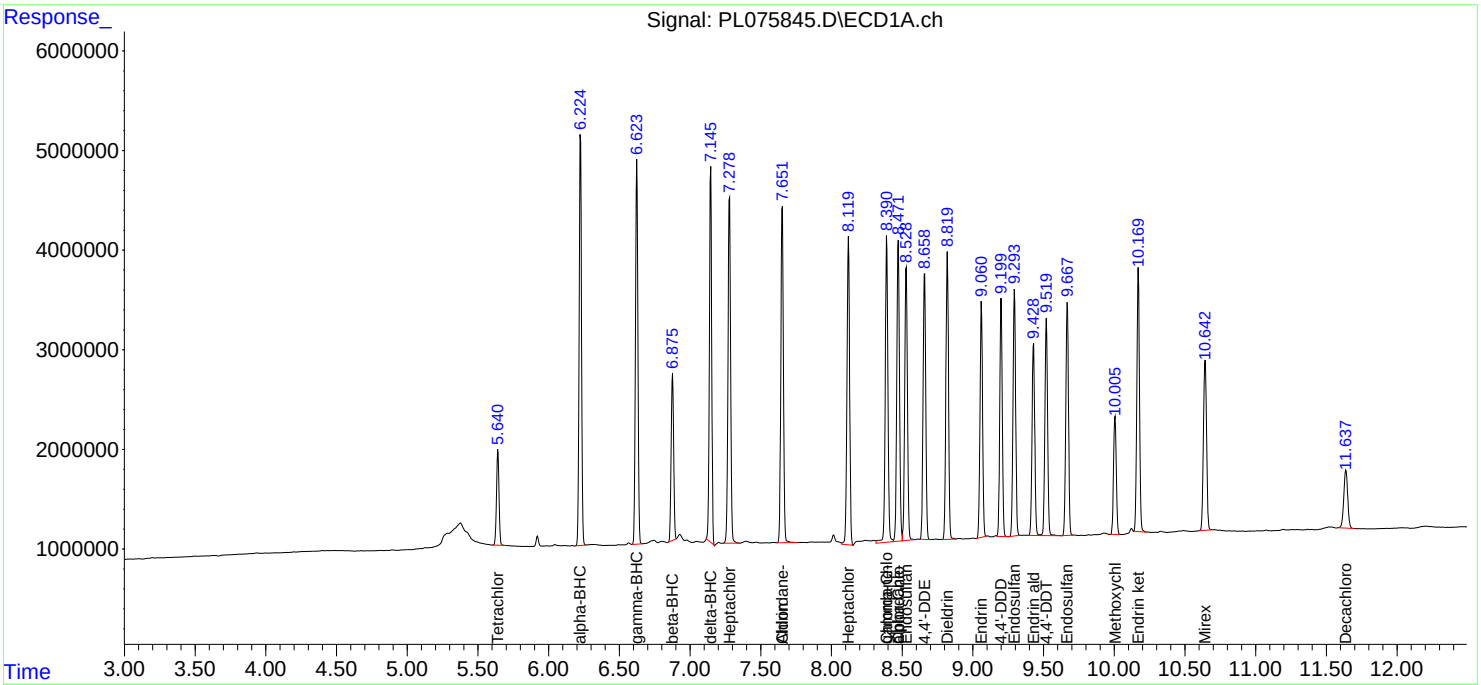
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

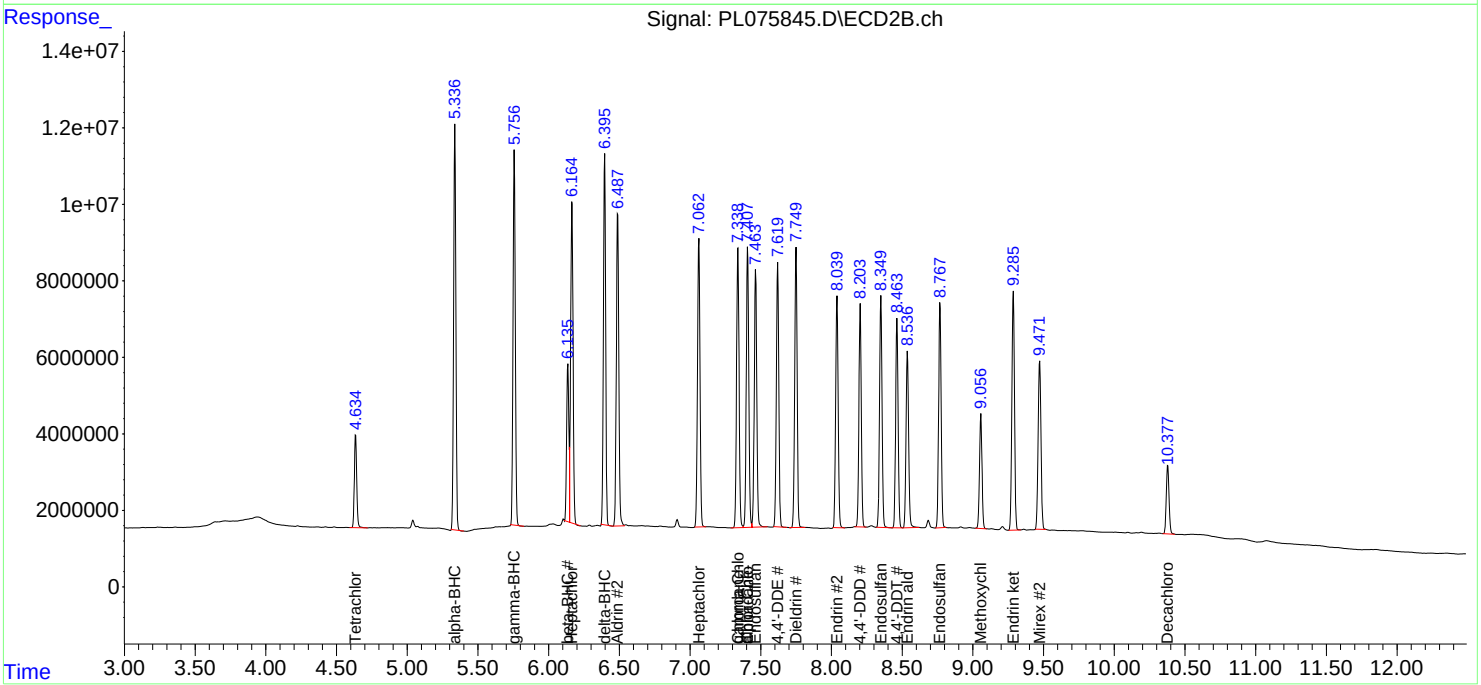
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061722\
Data File : PL075845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2022 14:48
Operator : AR\AJ
Sample : PB145627BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

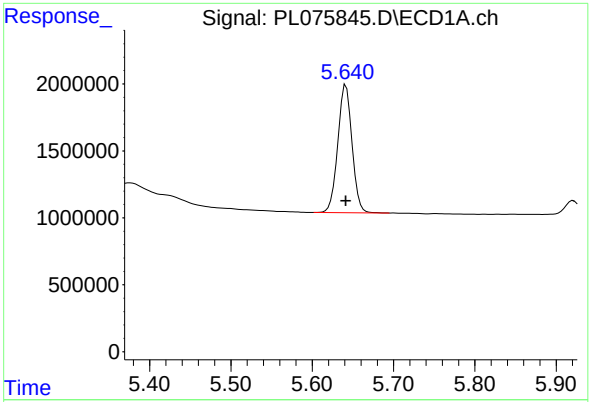
**Instrument :**
ECD_L
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 22:33:09 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060622.M
Quant Title : GC Extractables
QLast Update : Tue Jun 07 02:04:29 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



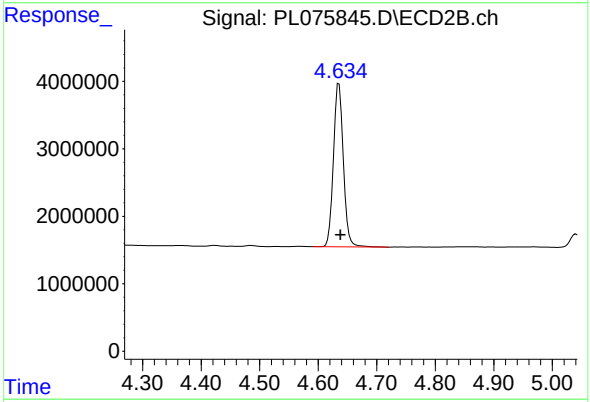






#1 Tetrachloro-m-xylene

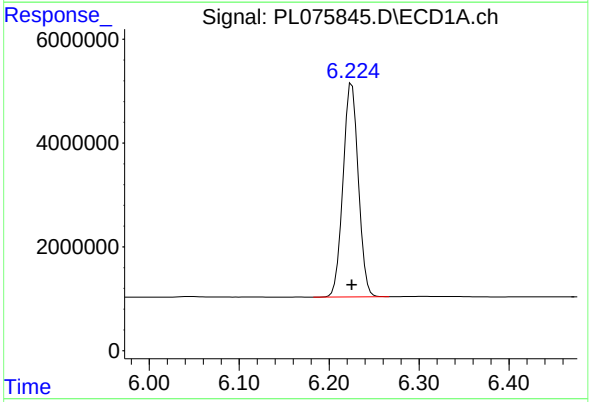
R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 11568136
Conc: 17.14 ng/ml

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



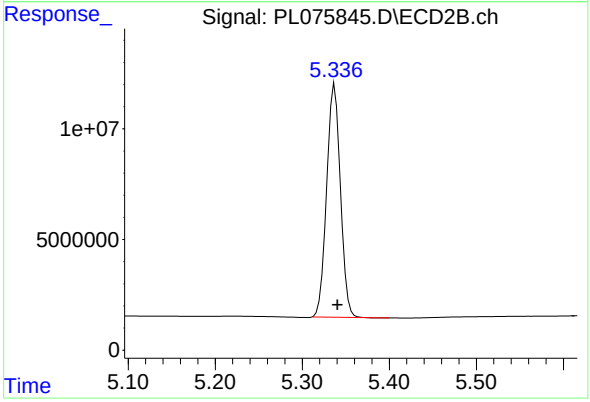

#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.002 min
Response: 28524182
Conc: 17.00 ng/ml



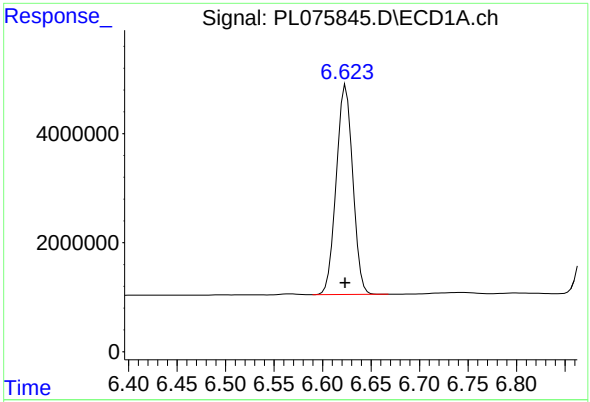

#2 alpha-BHC

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 48679679
Conc: 51.79 ng/ml




#2 alpha-BHC

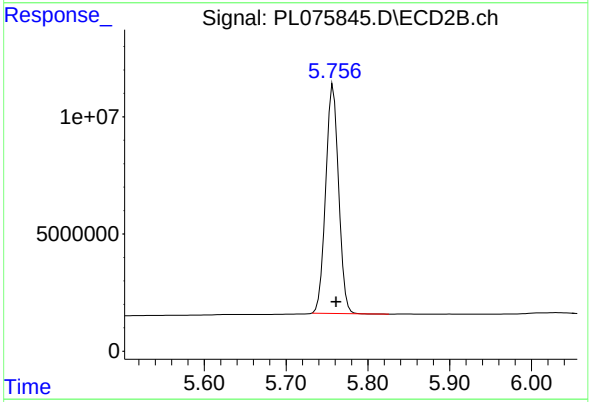
R.T.: 5.337 min
Delta R.T.: -0.003 min
Response: 115500638
Conc: 51.01 ng/ml




#3 gamma-BHC (Lindane)

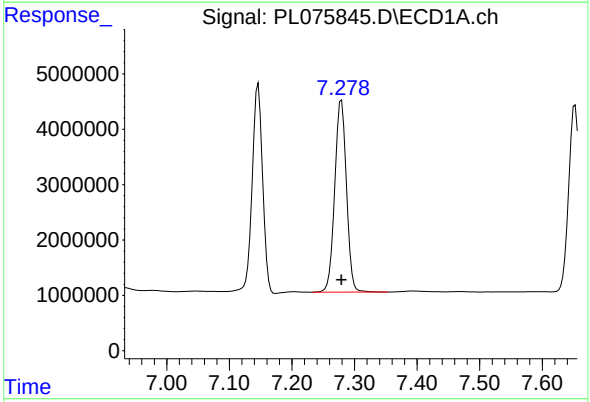
R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 45493462
Conc: 51.83 ng/ml

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



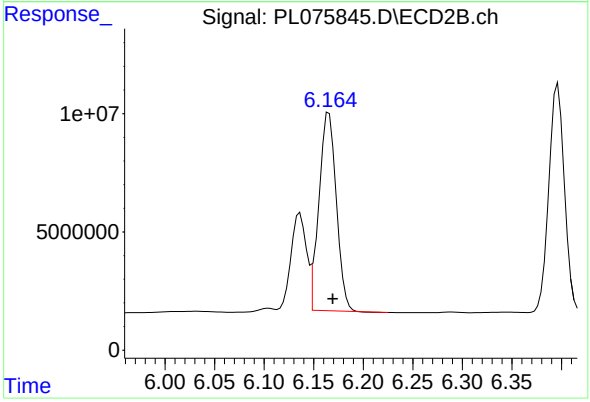

#3 gamma-BHC (Lindane)

R.T.: 5.758 min
Delta R.T.: -0.003 min
Response: 107097072
Conc: 49.39 ng/ml



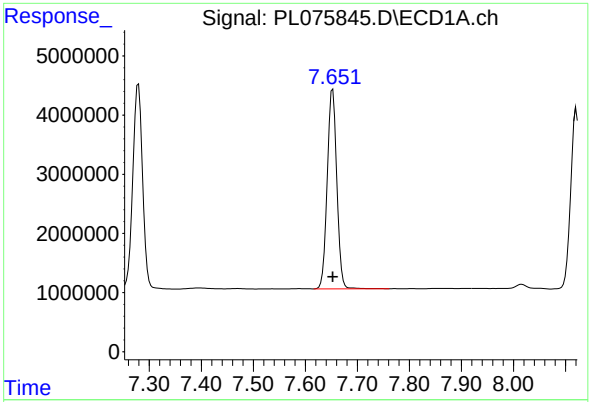

#4 Heptachlor

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 45288073
Conc: 49.25 ng/ml




#4 Heptachlor

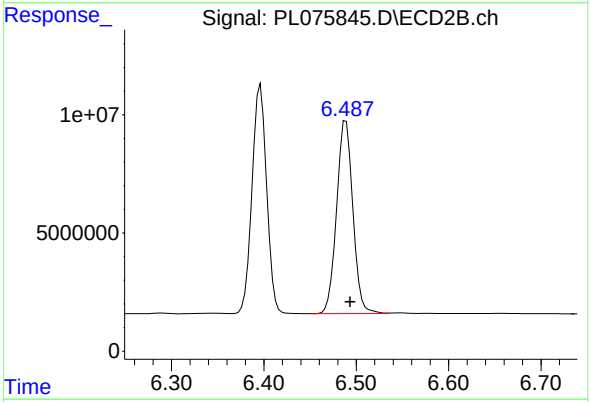
R.T.: 6.165 min
Delta R.T.: -0.004 min
Response: 101771130
Conc: 47.73 ng/ml




#5 Aldrin

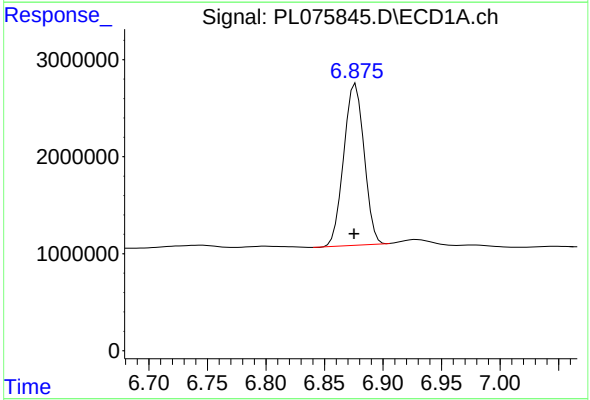
R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 43123329
Conc: 52.52 ng/ml

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



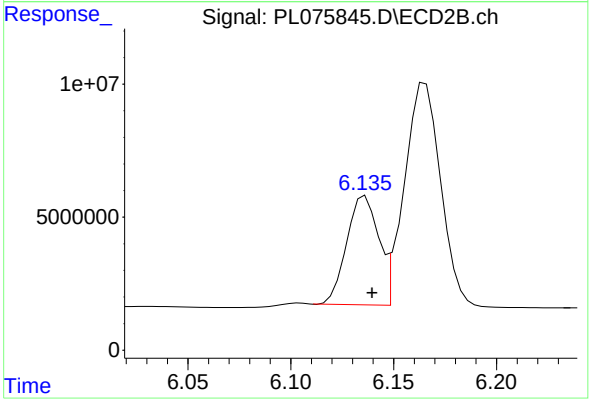

#5 Aldrin

R.T.: 6.489 min
Delta R.T.: -0.004 min
Response: 99977396
Conc: 50.91 ng/ml



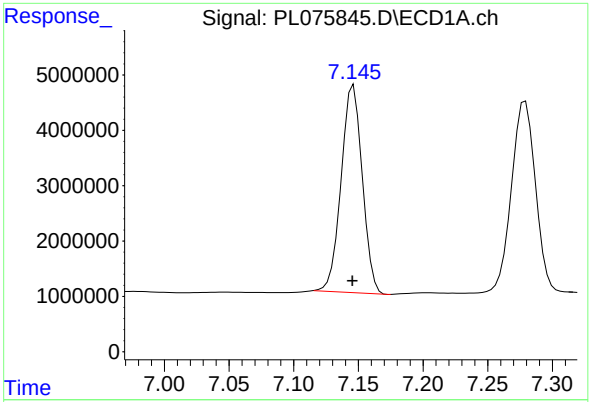

#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: 0.001 min
Response: 20251679
Conc: 49.34 ng/ml




#6 beta-BHC

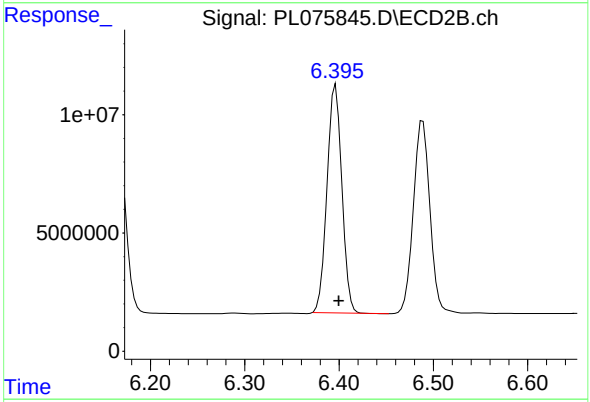
R.T.: 6.136 min
Delta R.T.: -0.003 min
Response: 44194986
Conc: 45.03 ng/ml




#7 delta-BHC

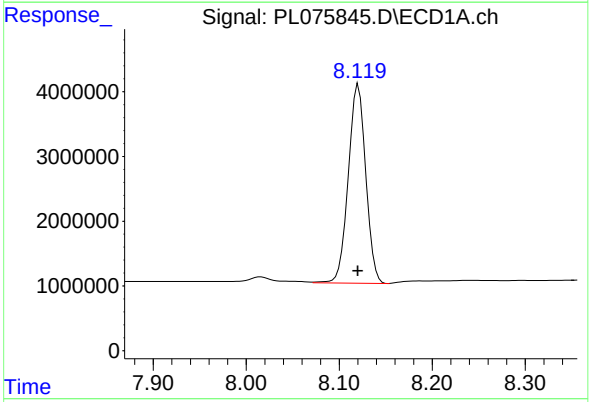
R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 42536640
Conc: 55.28 ng/ml

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



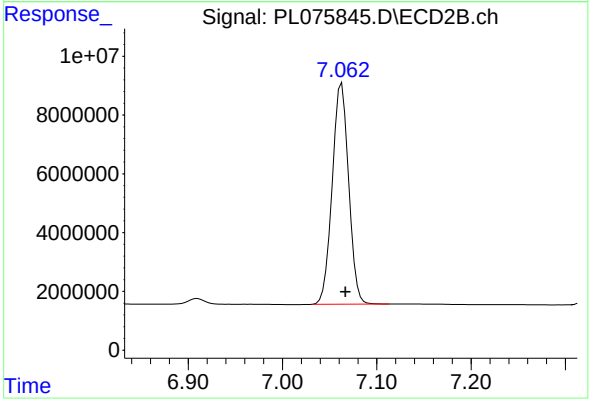

#7 delta-BHC

R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 105337843
Conc: 49.20 ng/ml



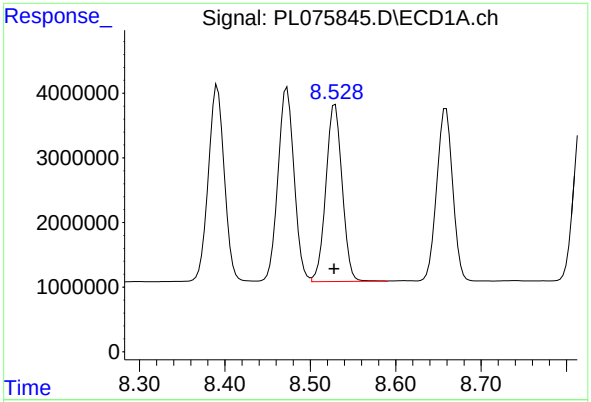

#8 Heptachlor epoxide

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 40144094
Conc: 51.93 ng/ml




#8 Heptachlor epoxide

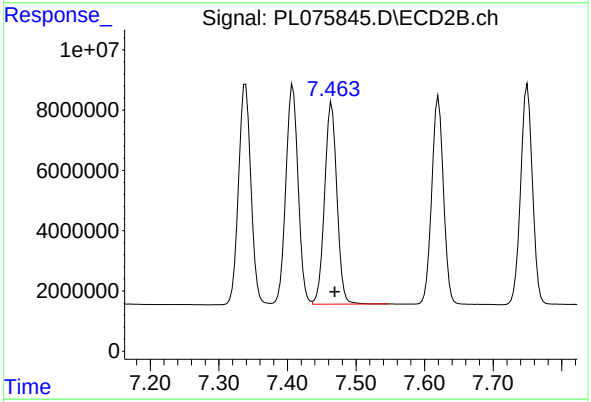
R.T.: 7.063 min
Delta R.T.: -0.004 min
Response: 91018745
Conc: 49.74 ng/ml




#9 Endosulfan I

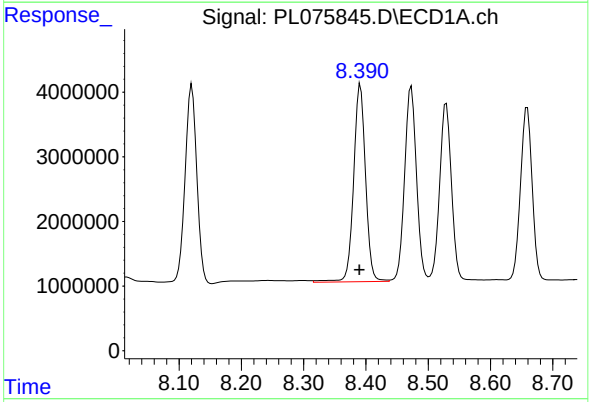
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 36294213
Conc: 51.87 ng/ml

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



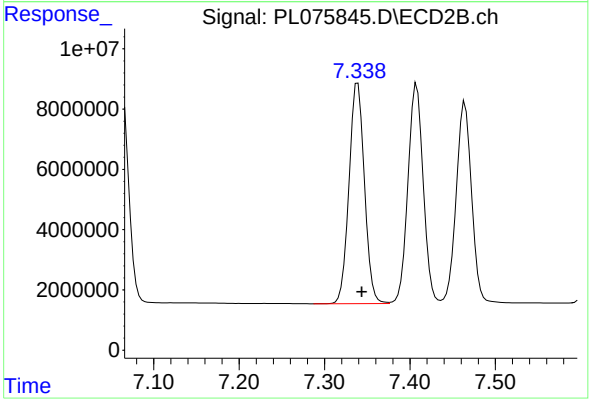

#9 Endosulfan I

R.T.: 7.464 min
Delta R.T.: -0.004 min
Response: 83599515
Conc: 49.98 ng/ml



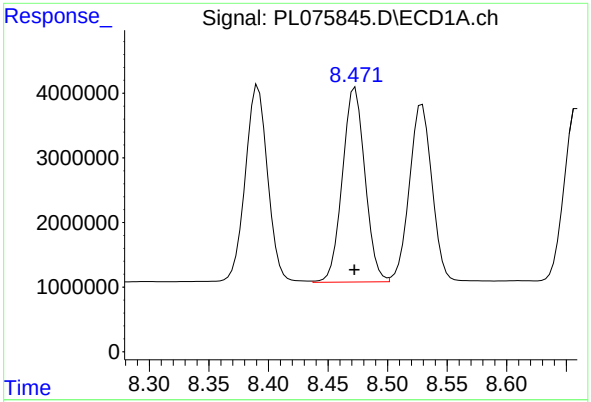

#10 gamma-Chlordane

R.T.: 8.391 min
Delta R.T.: 0.001 min
Response: 40882412
Conc: 52.65 ng/ml




#10 gamma-Chlordane

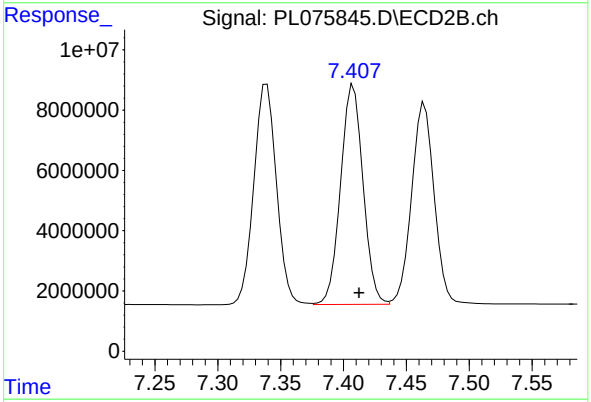
R.T.: 7.339 min
Delta R.T.: -0.005 min
Response: 91685361
Conc: 50.01 ng/ml




#11 alpha-Chlordane

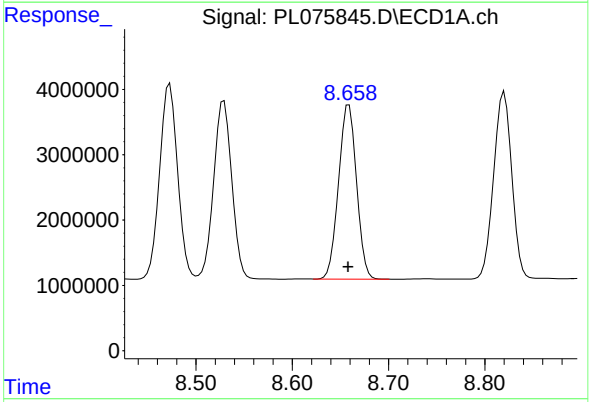
R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 39659851
Conc: 52.01 ng/ml

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



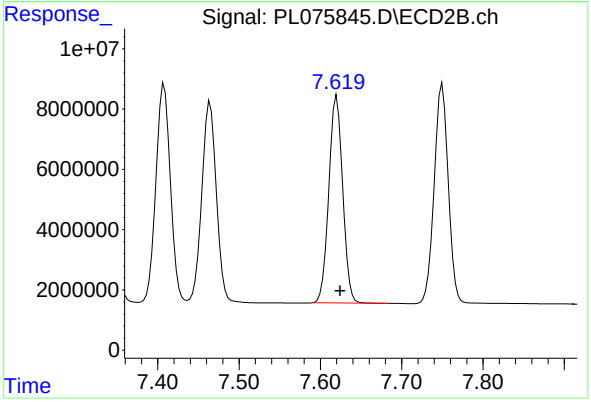

#11 alpha-Chlordane

R.T.: 7.408 min
Delta R.T.: -0.004 min
Response: 90620590
Conc: 49.63 ng/ml



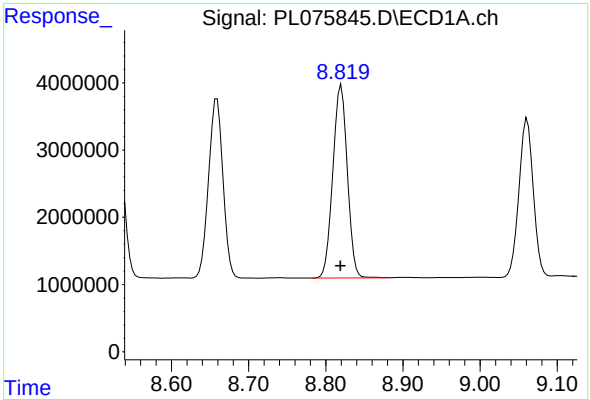

#12 4,4'-DDE

R.T.: 8.659 min
Delta R.T.: 0.000 min
Response: 34535352
Conc: 52.18 ng/ml




#12 4,4'-DDE

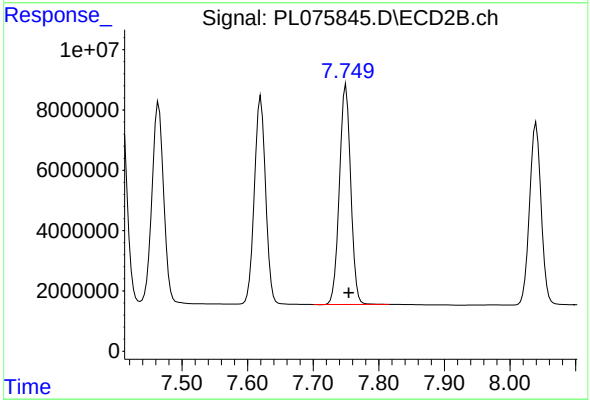
R.T.: 7.620 min
Delta R.T.: -0.004 min
Response: 81614977
Conc: 51.05 ng/ml




#13 Dieldrin

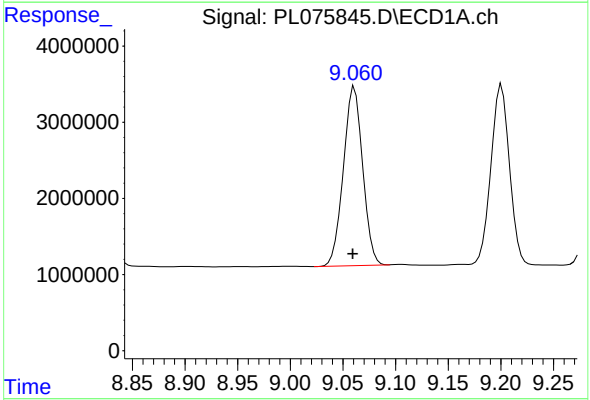
R.T.: 8.820 min
Delta R.T.: 0.001 min
Response: 37578952
Conc: 52.02 ng/ml

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



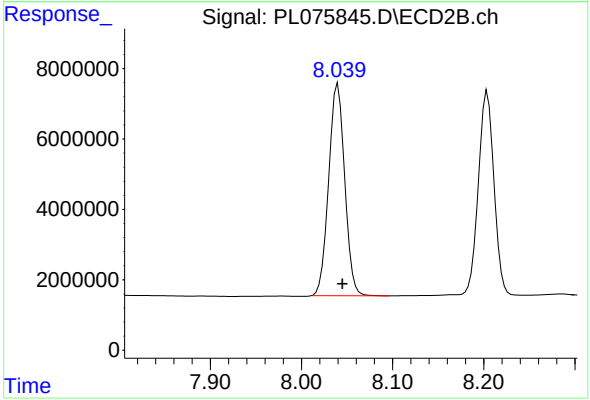

#13 Dieldrin

R.T.: 7.750 min
Delta R.T.: -0.004 min
Response: 87343544
Conc: 51.60 ng/ml



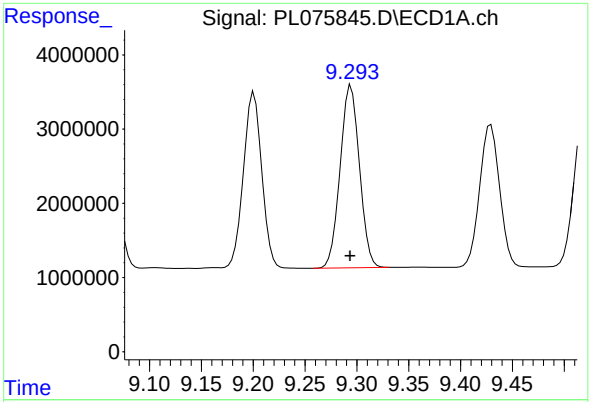

#14 Endrin

R.T.: 9.061 min
Delta R.T.: 0.002 min
Response: 30036596
Conc: 50.66 ng/ml




#14 Endrin

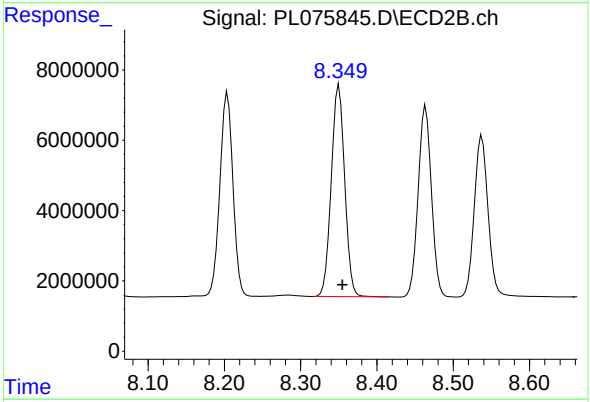
R.T.: 8.040 min
Delta R.T.: -0.005 min
Response: 73621163
Conc: 53.85 ng/ml




#15 Endosulfan II

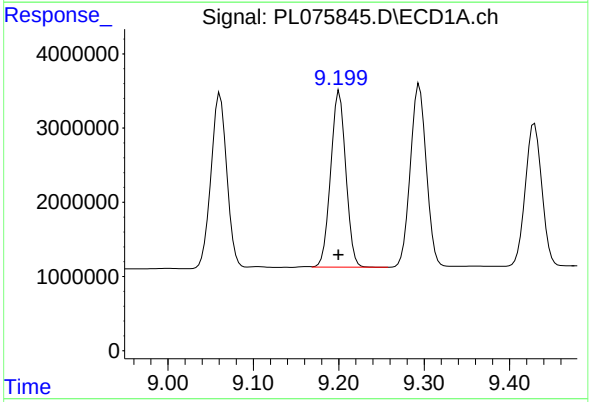
R.T.: 9.294 min
Delta R.T.: 0.001 min
Response: 31898642
Conc: 51.26 ng/ml

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



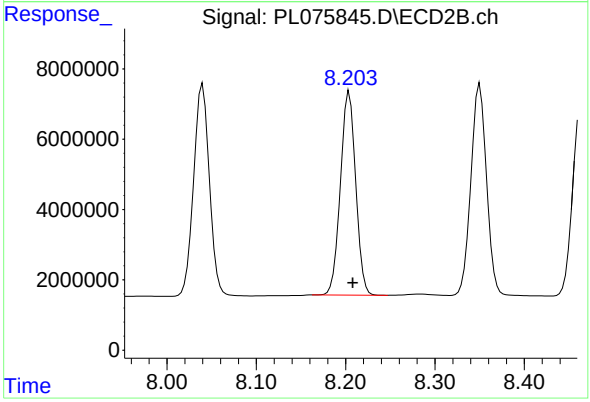

#15 Endosulfan II

R.T.: 8.350 min
Delta R.T.: -0.004 min
Response: 73375154
Conc: 51.20 ng/ml



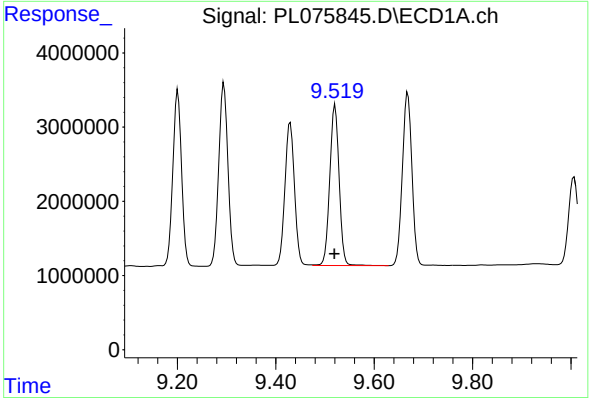

#16 4,4'-DDD

R.T.: 9.201 min
Delta R.T.: 0.001 min
Response: 29216335
Conc: 53.40 ng/ml




#16 4,4'-DDD

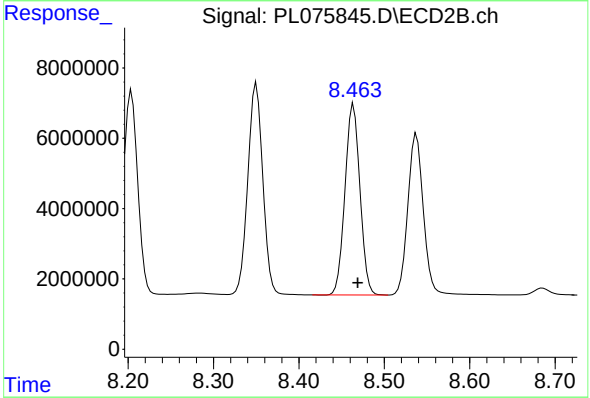
R.T.: 8.204 min
Delta R.T.: -0.004 min
Response: 68833633
Conc: 52.35 ng/ml




#17 4,4'-DDT

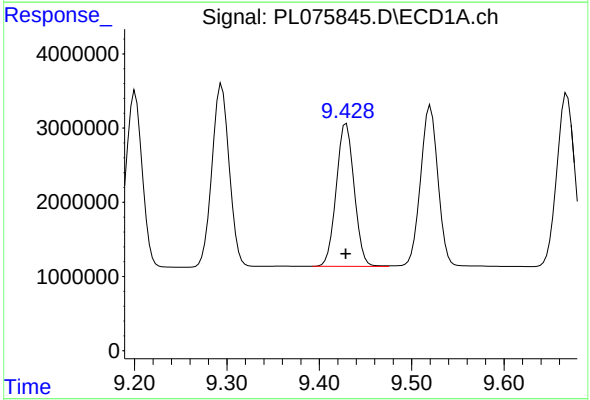
R.T.: 9.520 min
Delta R.T.: 0.001 min
Response: 28608659
Conc: 44.66 ng/ml

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



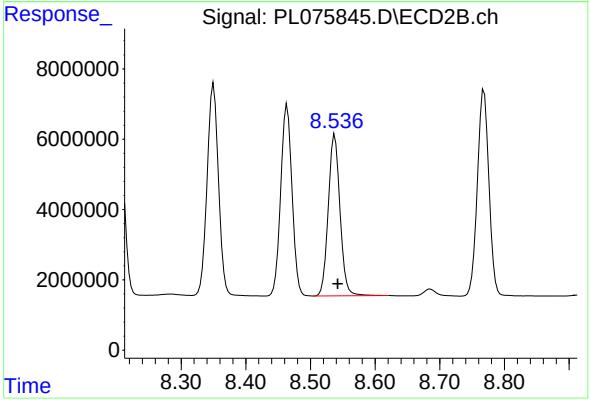

#17 4,4'-DDT

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 66086931
Conc: 47.01 ng/ml



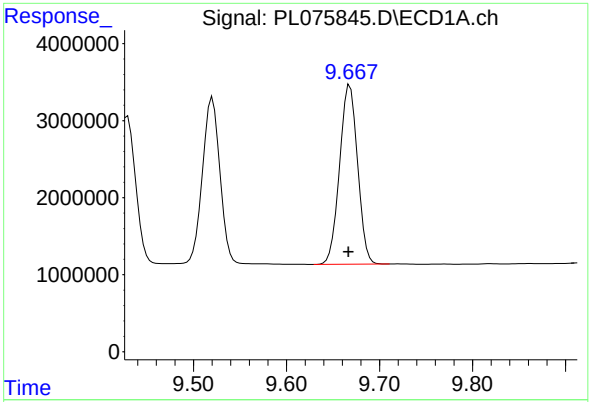

#18 Endrin aldehyde

R.T.: 9.429 min
Delta R.T.: 0.000 min
Response: 25936441
Conc: 50.64 ng/ml




#18 Endrin aldehyde

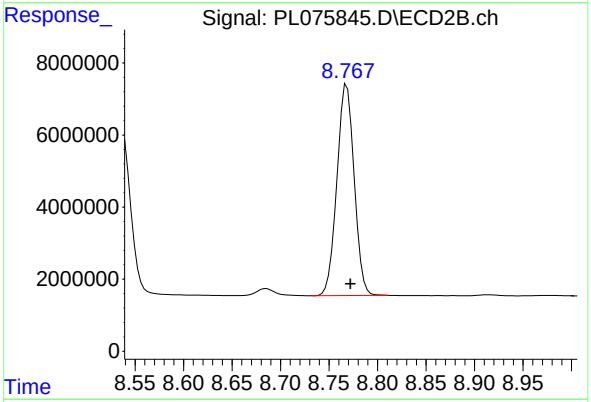
R.T.: 8.538 min
Delta R.T.: -0.004 min
Response: 57765954
Conc: 51.29 ng/ml




#19 Endosulfan Sulfate

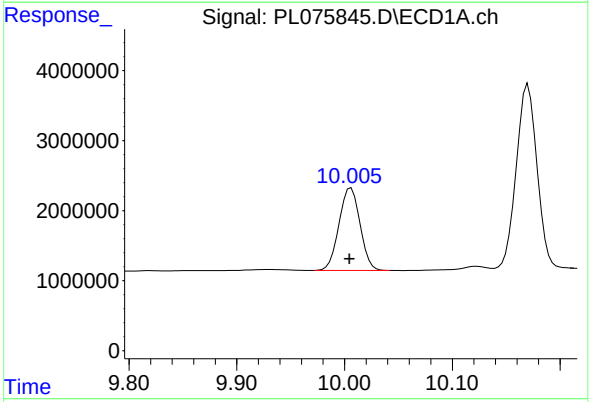
R.T.: 9.668 min
Delta R.T.: 0.002 min
Response: 31317076
Conc: 50.00 ng/ml

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



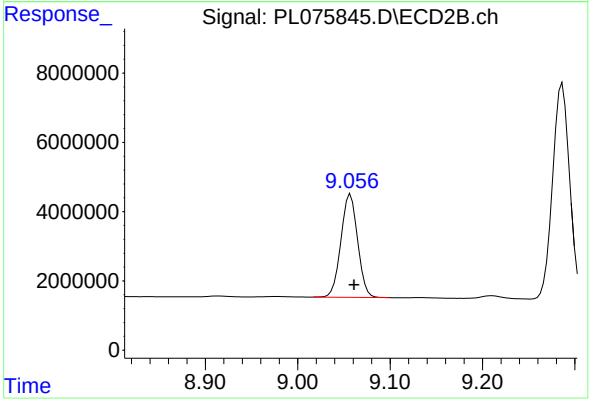

#19 Endosulfan Sulfate

R.T.: 8.768 min
Delta R.T.: -0.004 min
Response: 72542635
Conc: 49.39 ng/ml



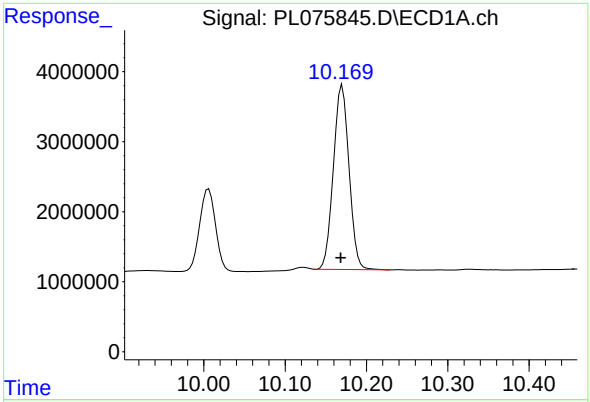

#20 Methoxychlor

R.T.: 10.006 min
Delta R.T.: 0.002 min
Response: 16031585
Conc: 44.78 ng/ml




#20 Methoxychlor

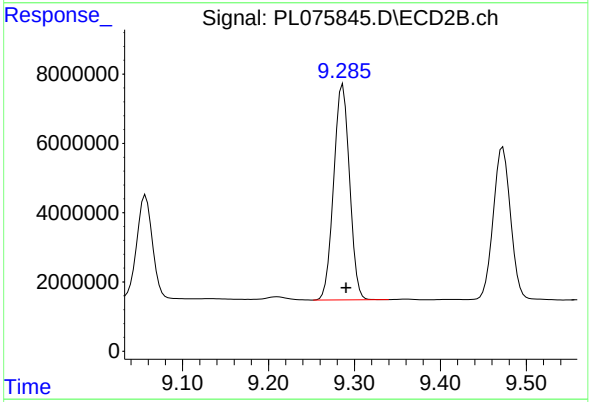
R.T.: 9.057 min
Delta R.T.: -0.004 min
Response: 37410549
Conc: 45.92 ng/ml




#21 Endrin ketone

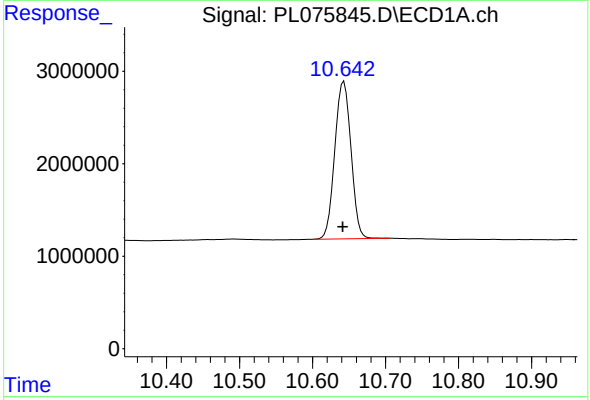
R.T.: 10.170 min
Delta R.T.: 0.002 min
Response: 35136159
Conc: 49.96 ng/ml

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



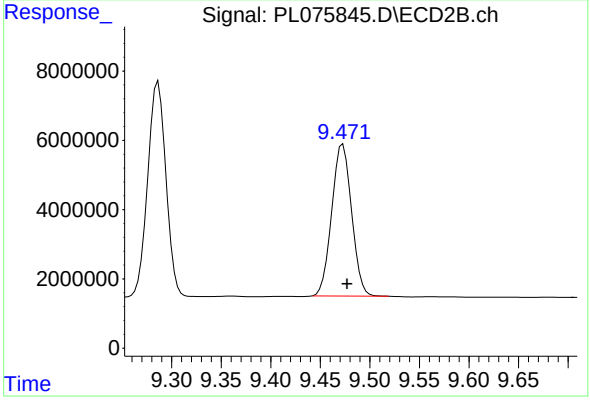

#21 Endrin ketone

R.T.: 9.286 min
Delta R.T.: -0.004 min
Response: 79660514
Conc: 49.35 ng/ml



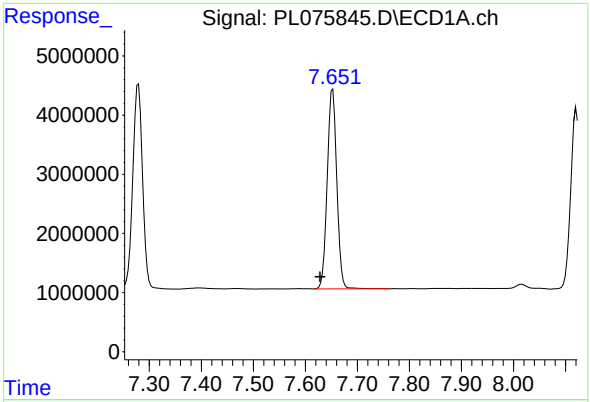

#22 Mirex

R.T.: 10.643 min
Delta R.T.: 0.002 min
Response: 26204648
Conc: 46.56 ng/ml




#22 Mirex

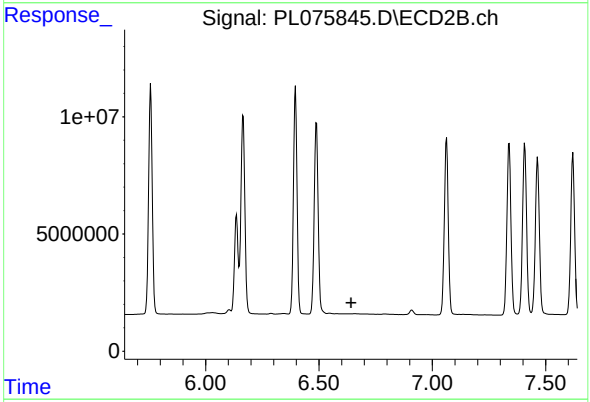
R.T.: 9.473 min
Delta R.T.: -0.004 min
Response: 61182379
Conc: 47.65 ng/ml




#24 Chlordane-2

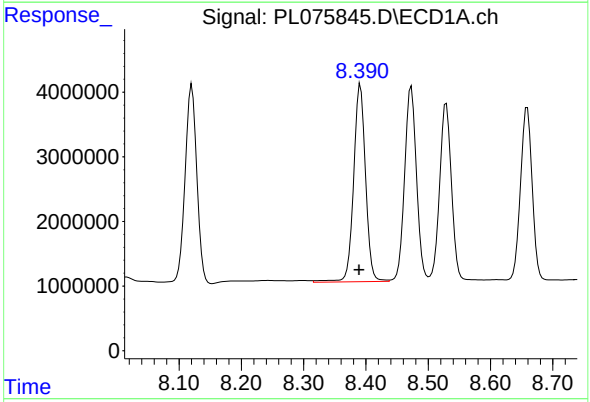
R.T.: 7.652 min
Delta R.T.: 0.024 min
Response: 43123329
Conc: 1402.10 ng/m

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



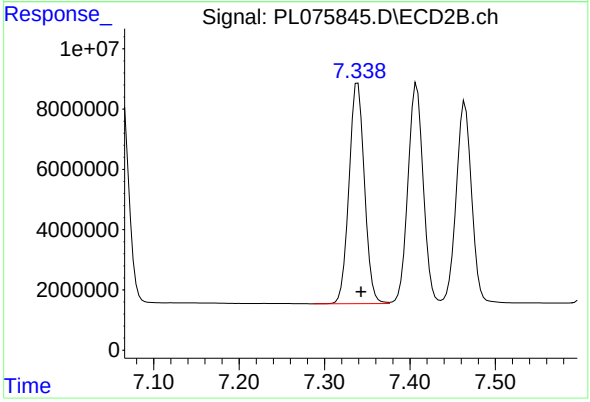

#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 6.642 min
Response: 0
Conc: N.D.



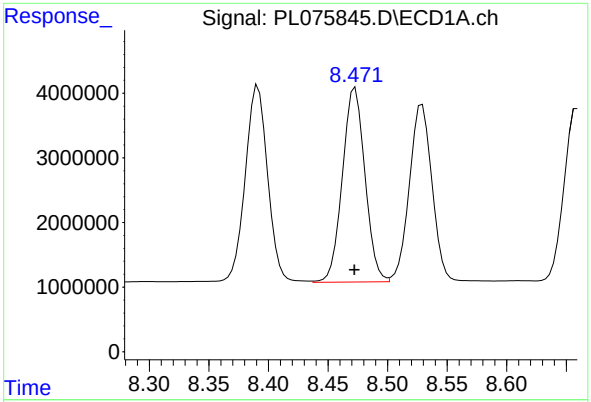

#25 Chlordane-3

R.T.: 8.391 min
Delta R.T.: 0.002 min
Response: 40882412
Conc: 395.95 ng/ml




#25 Chlordane-3

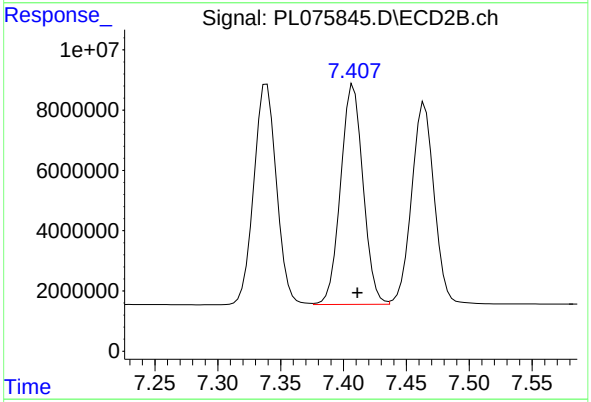
R.T.: 7.339 min
Delta R.T.: -0.004 min
Response: 91685361
Conc: 533.10 ng/ml




#26 Chlordane-4

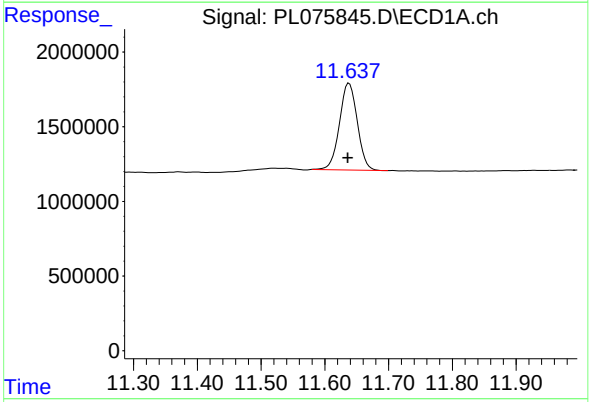
R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 39659851
Conc: 313.13 ng/ml

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



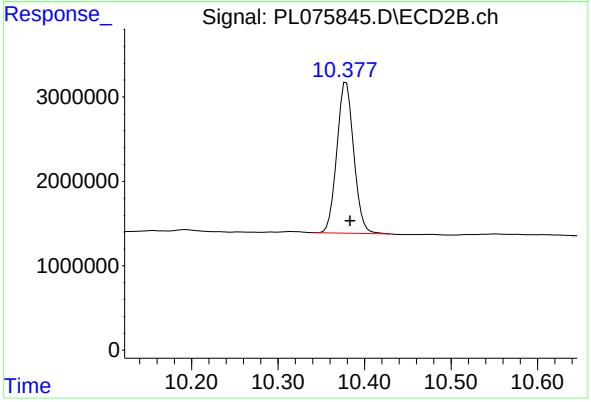

#26 Chlordane-4

R.T.: 7.408 min
Delta R.T.: -0.003 min
Response: 90620590
Conc: 492.32 ng/ml




#28 Decachlorobiphenyl

R.T.: 11.638 min
Delta R.T.: 0.002 min
Response: 11293326
Conc: 18.45 ng/ml




#28 Decachlorobiphenyl

R.T.: 10.379 min
Delta R.T.: -0.004 min
Response: 24063712
Conc: 17.08 ng/ml