Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101623\
Data File : PD078908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2023 04:10
Operator : AR\AJ
Sample : PEM008
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 05:37:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101623CLP-TCLP.M
Quant Title : GC Extractables
QLast Update : Tue Oct 17 05:35:36 2023
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 x 0.50µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | |
| 1) | SA Tetrachlo... | 3.569 | 2.806 | 30095280 | 42717024 | 19.555 | 19.977 | |
| 27) | SA Decachlor... | 9.118 | 7.958 | 39740008 | 47946897 | 21.764 | 21.181 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 4.026 | 3.310 | 24859664 | 32183039 | 9.336 | 9.641 | |
| 3) | MA gamma-BHC... | 4.360 | 3.640 | 24112131 | 29657213 | 9.503 | 9.521 | |
| 4) | MA Heptachlor | 0.000 | 3.935f | 0 | 12707615 | N.D. | 4.260 | |
| 5) | MB Aldrin | 0.000 | 4.270 | 0 | 143193 | N.D. | <MDL | |
| 6) | B beta-BHC | 4.553 | 3.935 | 11344953 | 12707615 | 10.056 | 8.892 | |
| 7) | B delta-BHC | 0.000 | 4.191 | 0 | 249092 | N.D. | <MDL | |
| 8) | B Heptachlo... | 5.717 | 4.803f | 446629 | 1788 | 0.194 | <MDL | # |
| 9) | A Endosulfan I | 6.139 | 0.000 | 63535 | 0 | <MDL | N.D. | # |
| 10) | B trans-Chl... | 0.000 | 5.034 | 0 | 34352 | N.D. | <MDL | |
| 11) | B cis-Chlor... | 0.000 | 5.034f | 0 | 34352 | N.D. | <MDL | |
| 12) | B 4,4'-DDE | 6.231 | 5.273 | 361340 | 445610 | 0.174 | 0.170 | |
| 13) | MA Dieldrin | 6.395 | 0.000 | 210456 | 0 | <MDL | N.D. | # |
| 14) | MA Endrin | 6.617 | 5.678 | 84138458 | 115.9E6 | 44.687 | 46.514 | |
| 15) | B Endosulfa... | 6.845 | 5.987 | 807085 | -159227 | 0.415 | N.D. | # |
| 16) | A 4,4'-DDD | 6.748 | 5.826 | 649170 | 1082113 | 0.385 | 0.494 | # |
| 17) | MA 4,4'-DDT | 7.063 | 6.077 | 177.9E6 | 228.9E6 | 98.619 | 102.055 | |
| 18) | B Endrin al... | 6.964 | 6.151 | 2037570 | 3749701 | 1.359 | 2.058 | # |
| 19) | B Endosulfa... | 0.000 | 6.361 | 0 | 62974 | N.D. | <MDL | |
| 20) | A Methoxychlor | 7.536 | 6.652 | 234.8E6 | 302.4E6 | 246.218 | 257.978 | |
| 21) | B Endrin ke... | 7.686 | 6.878 | 4725538 | 6663326 | 2.296 | 2.560 | |
| 22) | Toxaphene-1 | 6.289 | 5.034 | 178624 | 34352 | 10.989 | 2.287 | # |
| 23) | Toxaphene-2 | 0.000 | 5.678f | 0 | 115.9E6 | N.D. | 7159.469 | |
| 24) | Toxaphene-3 | 7.063f | 6.652 | 177.9E6 | 302.4E6 | 3094.972 | 5849.493 | # |
| 26) | Toxaphene-5 | 7.629 | 7.077 | 543368 | 50065 | 16.596 | 1.632 | # |

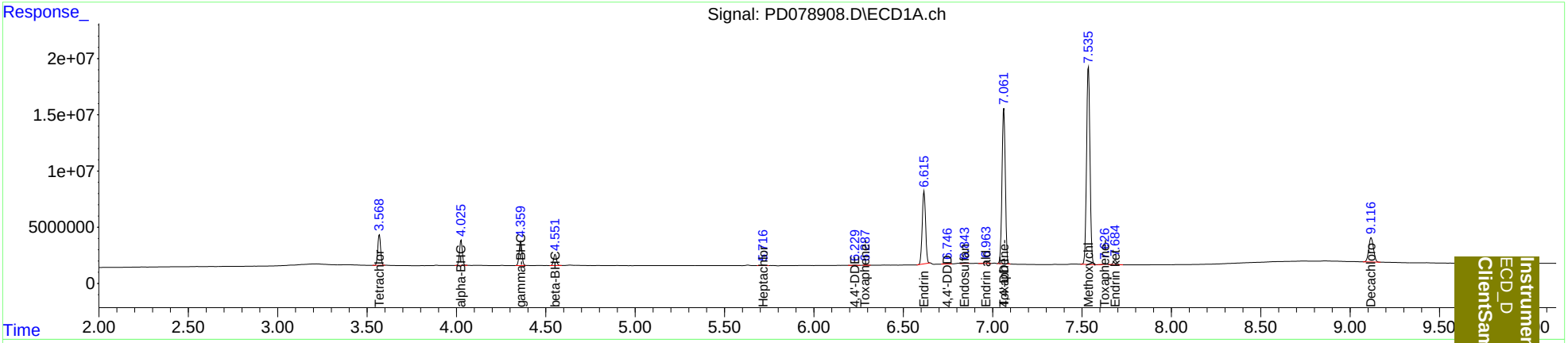
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

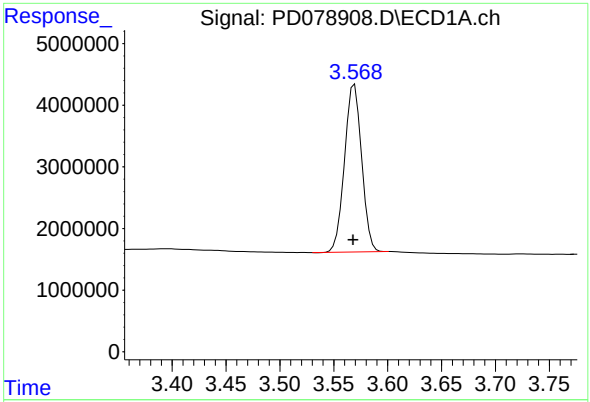
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101623\
Data File : PD078908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2023 04:10
Operator : AR\AJ
Sample : PEM008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 05:37:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101623CLP-TCLP.M
Quant Title : GC Extractables
QLast Update : Tue Oct 17 05:35:36 2023
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 x 0.50µm

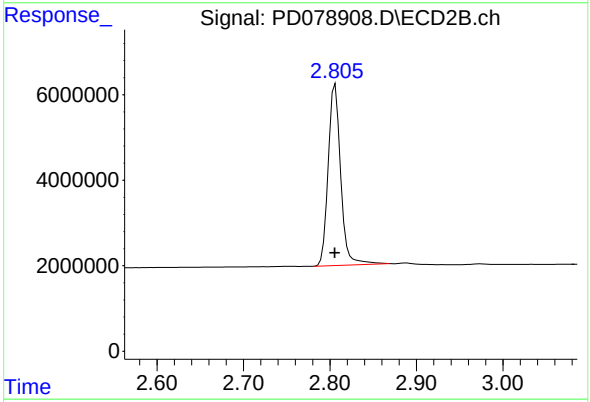





#1 Tetrachloro-m-xylene

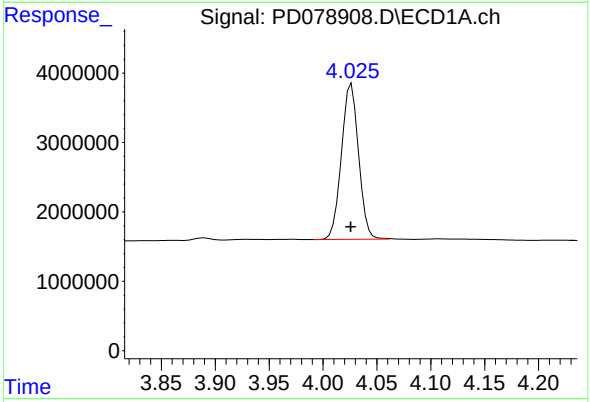
R.T.: 3.569 min
Delta R.T.: 0.001 min
Response: 30095280
Conc: 19.56 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



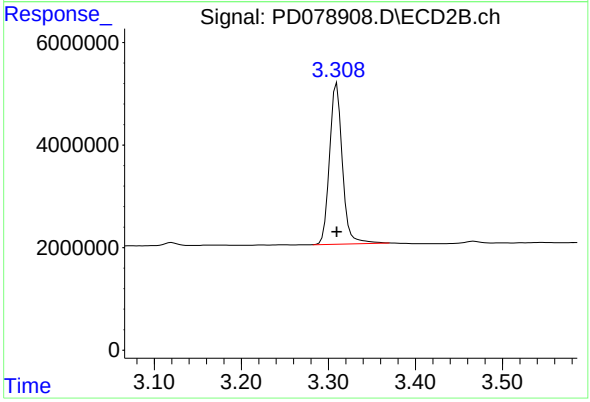

#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 42717024
Conc: 19.98 ng/ml



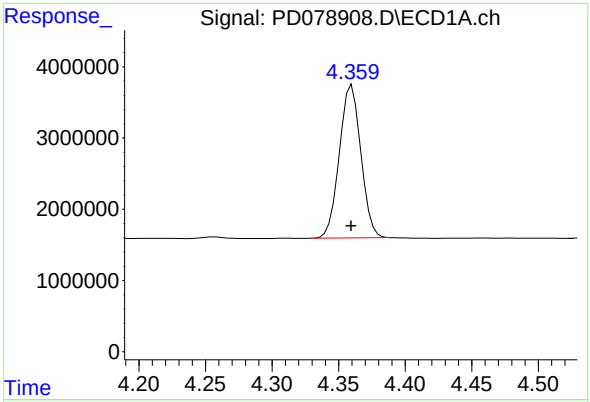

#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 24859664
Conc: 9.34 ng/ml




#2 alpha-BHC

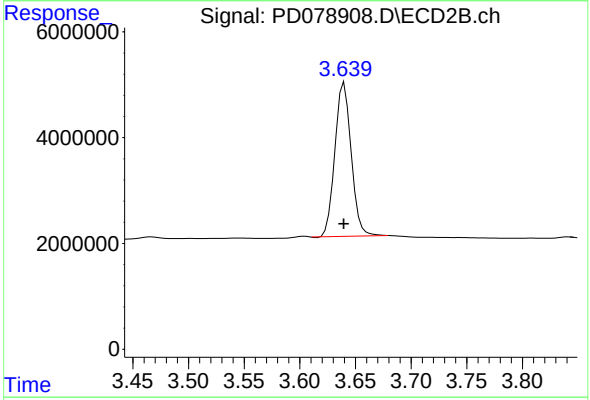
R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 32183039
Conc: 9.64 ng/ml




#3 gamma-BHC (Lindane)

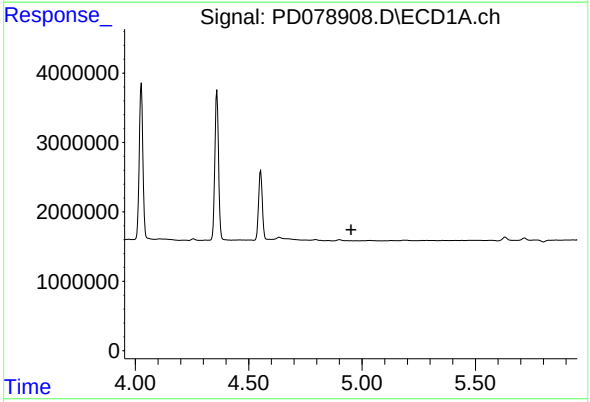
R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 24112131
Conc: 9.50 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



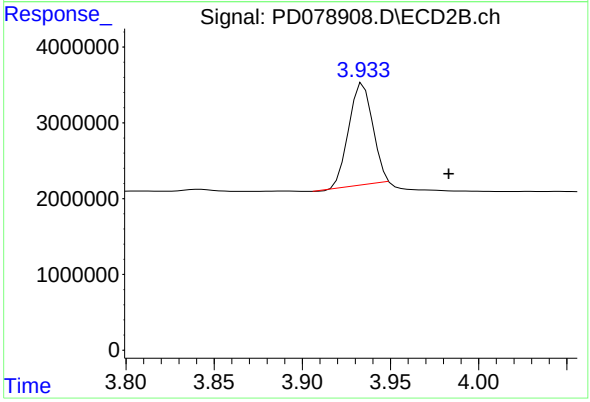

#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 29657213
Conc: 9.52 ng/ml



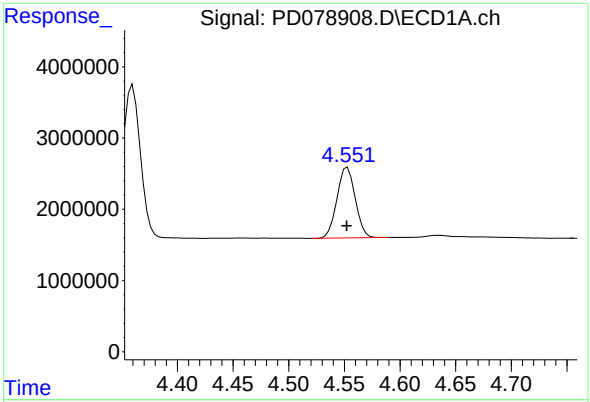

#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.952 min
Response: 0
Conc: N.D.




#4 Heptachlor

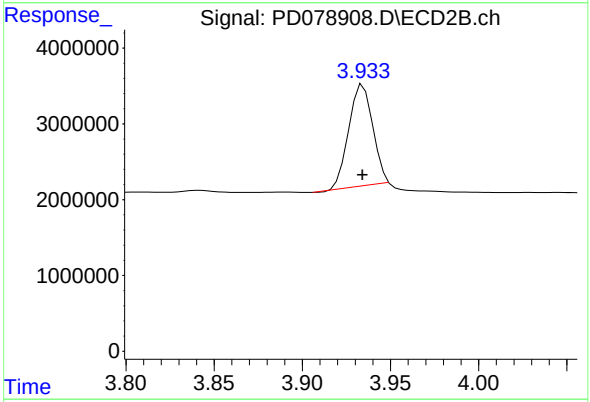
R.T.: 3.935 min
Delta R.T.: -0.049 min
Response: 12707615
Conc: 4.26 ng/ml




#6 beta-BHC

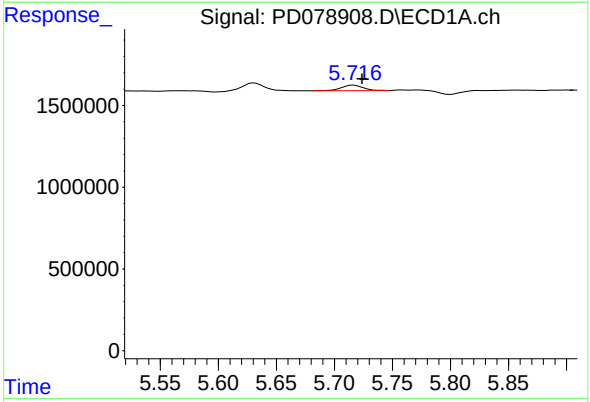
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 11344953
Conc: 10.06 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



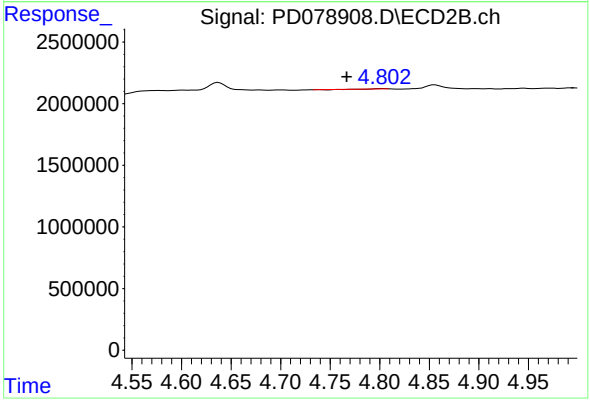

#6 beta-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 12707615
Conc: 8.89 ng/ml



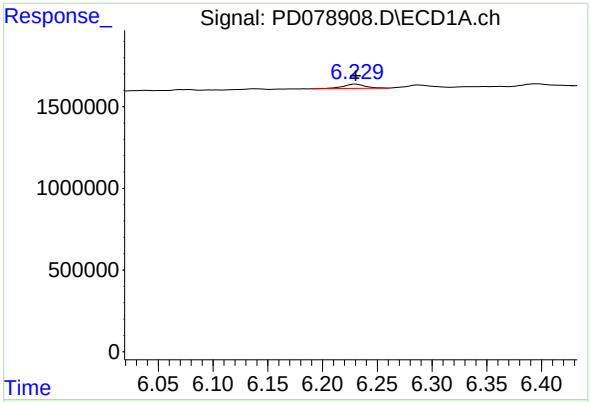

#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.007 min
Response: 446629
Conc: 0.19 ng/ml




#8 Heptachlor epoxide

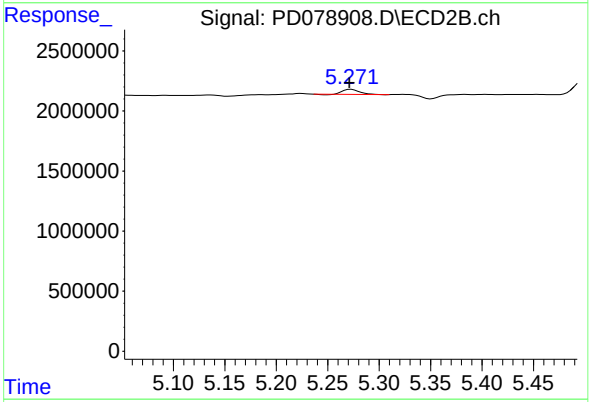
R.T.: 4.803 min
Delta R.T.: 0.036 min
Response: 1788
Conc: N.D.




#12 4,4'-DDE

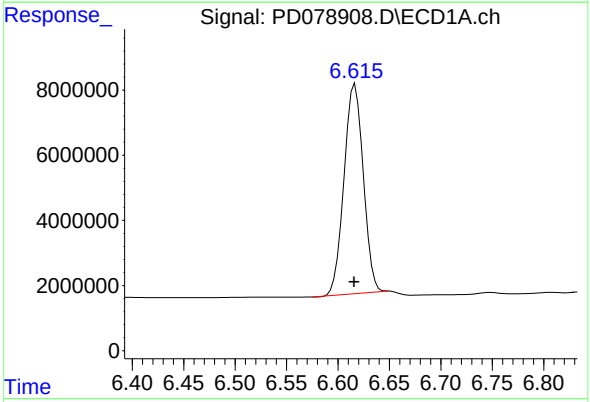
R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 361340
Conc: 0.17 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



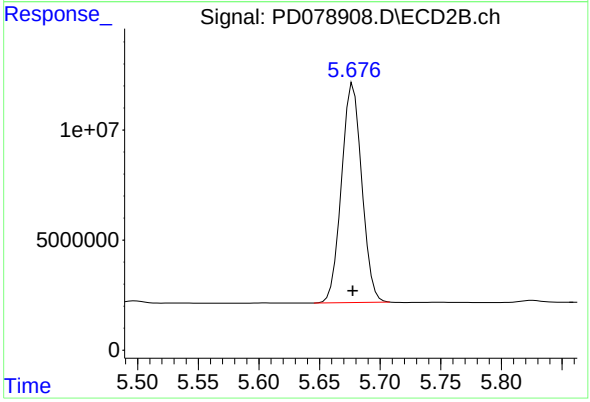

#12 4,4'-DDE

R.T.: 5.273 min
Delta R.T.: 0.001 min
Response: 445610
Conc: 0.17 ng/ml



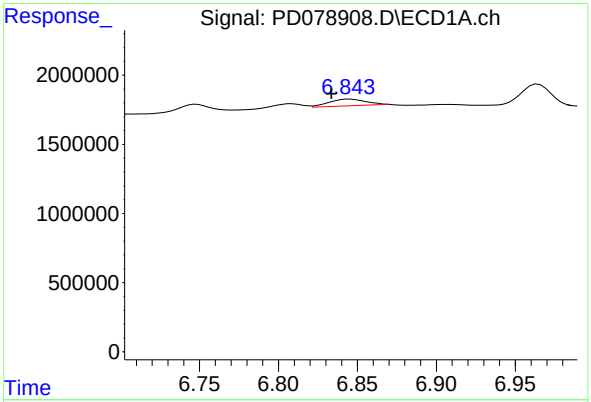

#14 Endrin

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 84138458
Conc: 44.69 ng/ml




#14 Endrin

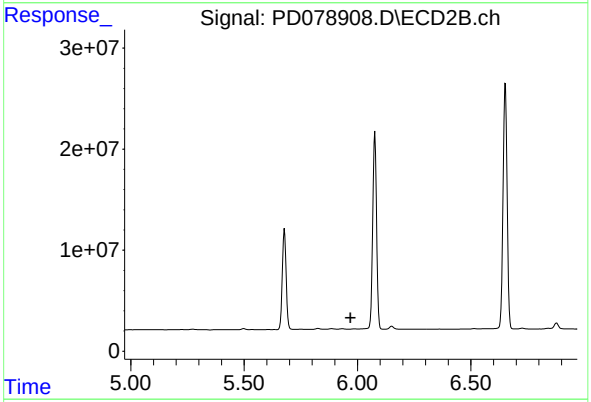
R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 115937145
Conc: 46.51 ng/ml




#15 Endosulfan II

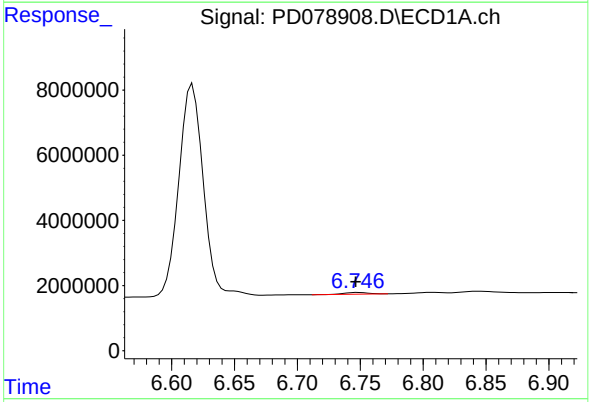
R.T.: 6.845 min
Delta R.T.: 0.012 min
Response: 807085
Conc: 0.42 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



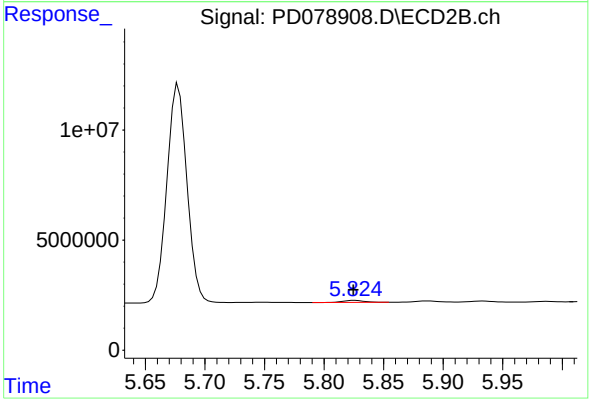

#15 Endosulfan II

R.T.: 5.987 min
Delta R.T.: 0.017 min
Response: -159227
Conc: N.D.



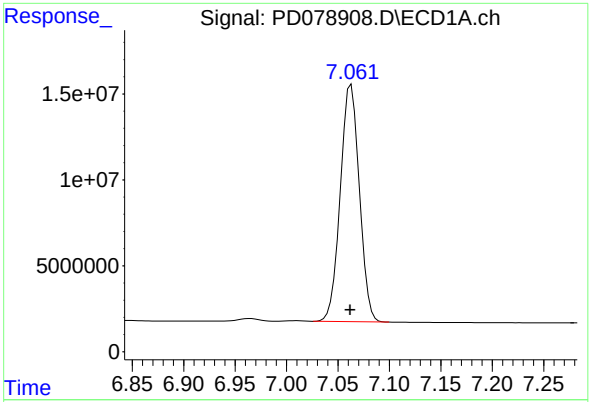

#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.002 min
Response: 649170
Conc: 0.38 ng/ml




#16 4,4'-DDD

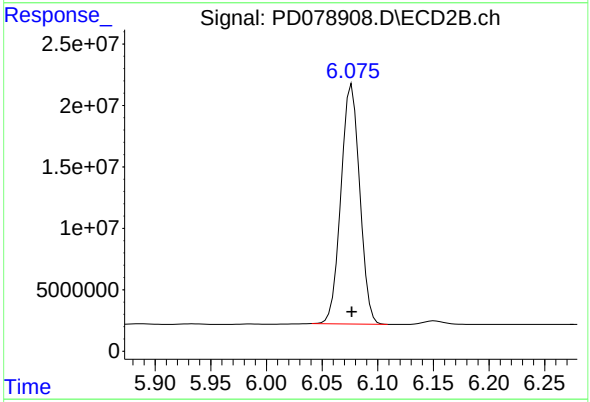
R.T.: 5.826 min
Delta R.T.: 0.001 min
Response: 1082113
Conc: 0.49 ng/ml




#17 4,4'-DDT

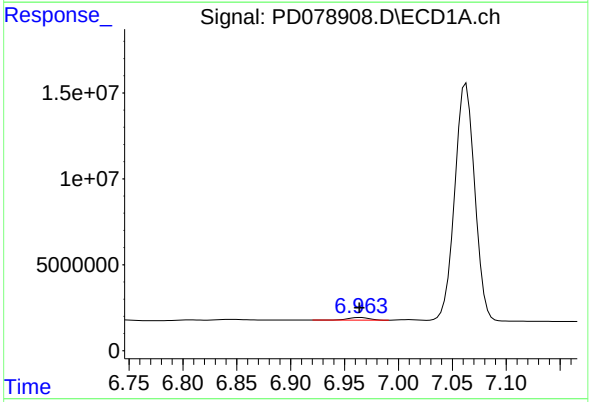
R.T.: 7.063 min
Delta R.T.: 0.001 min
Response: 177939270
Conc: 98.62 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



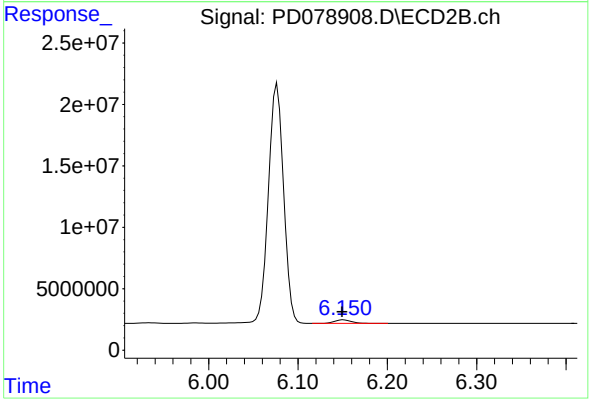

#17 4,4'-DDT

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 228939262
Conc: 102.06 ng/ml



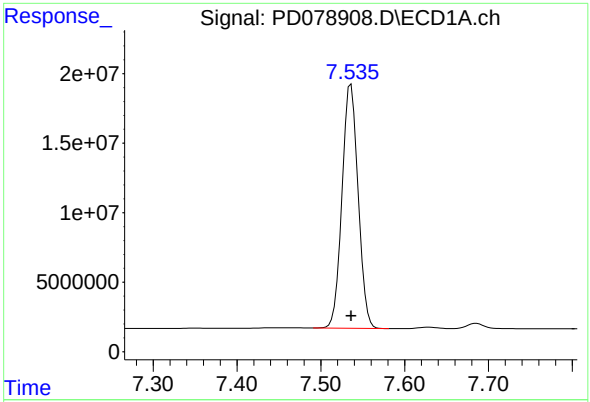

#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 2037570
Conc: 1.36 ng/ml




#18 Endrin aldehyde

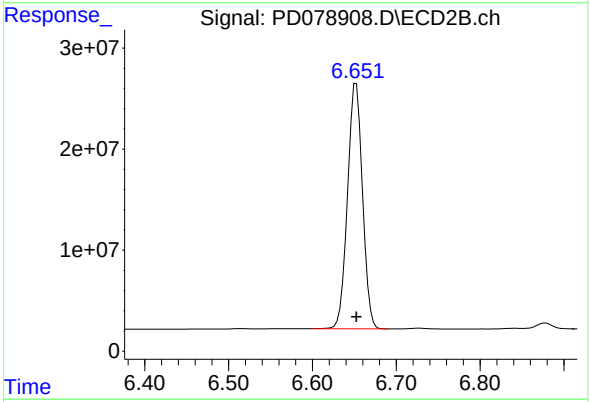
R.T.: 6.151 min
Delta R.T.: 0.002 min
Response: 3749701
Conc: 2.06 ng/ml




#20 Methoxychlor

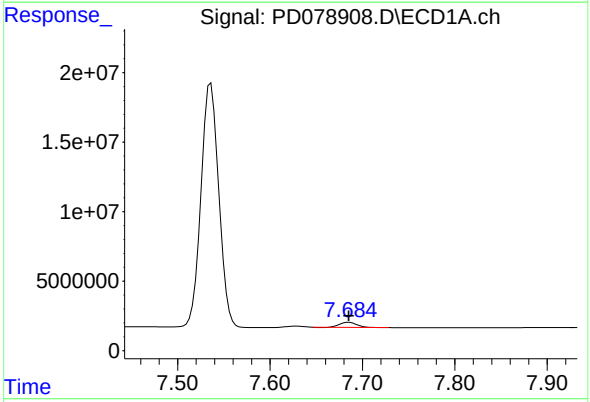
R.T.: 7.536 min
Delta R.T.: 0.000 min
Response: 234755521
Conc: 246.22 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



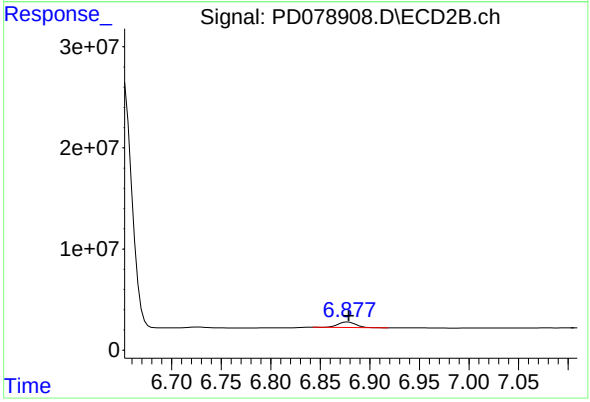

#20 Methoxychlor

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 302373169
Conc: 257.98 ng/ml



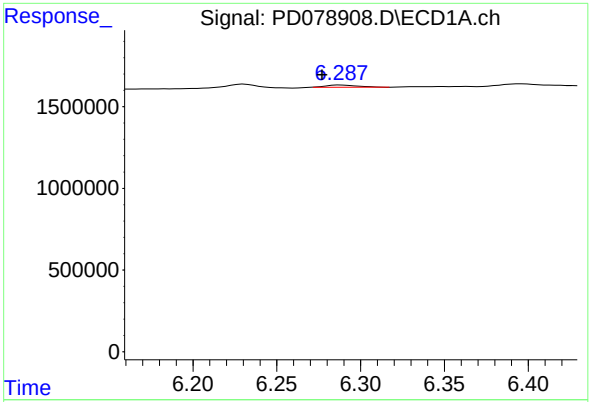

#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 4725538
Conc: 2.30 ng/ml




#21 Endrin ketone

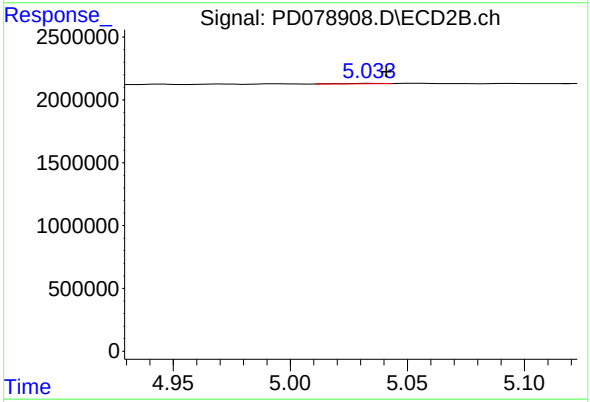
R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 6663326
Conc: 2.56 ng/ml




#22 Toxaphene-1

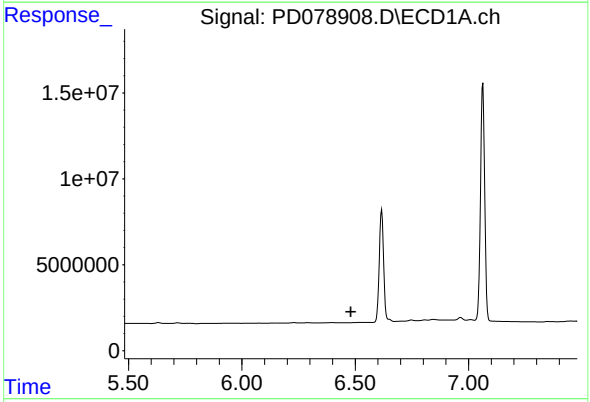
R.T.: 6.289 min
Delta R.T.: 0.012 min
Response: 178624
Conc: 10.99 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



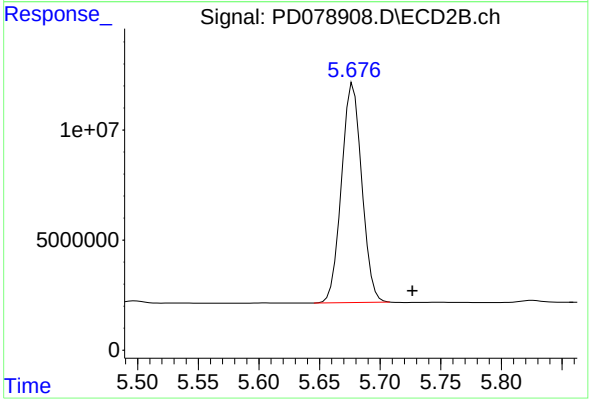

#22 Toxaphene-1

R.T.: 5.034 min
Delta R.T.: -0.007 min
Response: 34352
Conc: 2.29 ng/ml



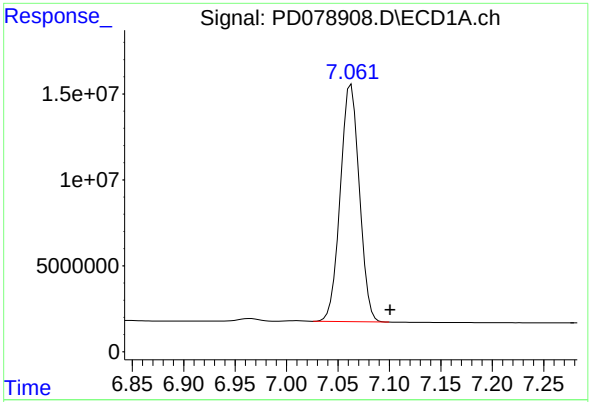

#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T. : 6.480 min
Response: 0
Conc: N.D.




#23 Toxaphene-2

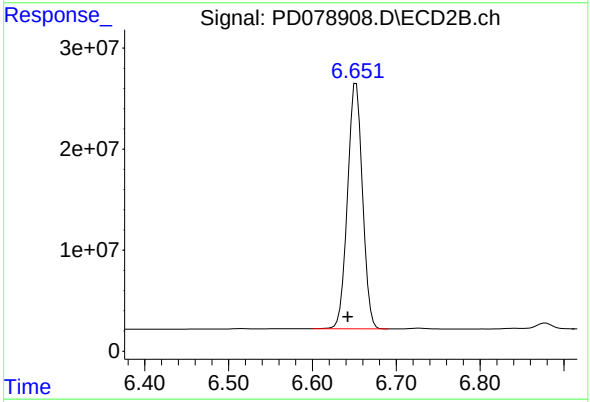
R.T.: 5.678 min
Delta R.T.: -0.049 min
Response: 115937145
Conc: 7159.47 ng/ml




#24 Toxaphene-3

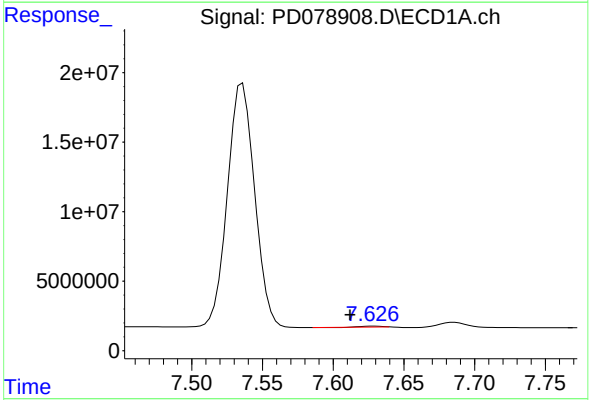
R.T.: 7.063 min
Delta R.T.: -0.038 min
Response: 177939270
Conc: 3094.97 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



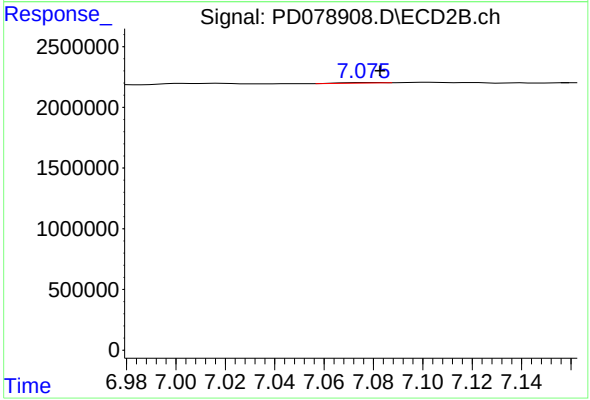

#24 Toxaphene-3

R.T.: 6.652 min
Delta R.T.: 0.010 min
Response: 302373169
Conc: 5849.49 ng/ml



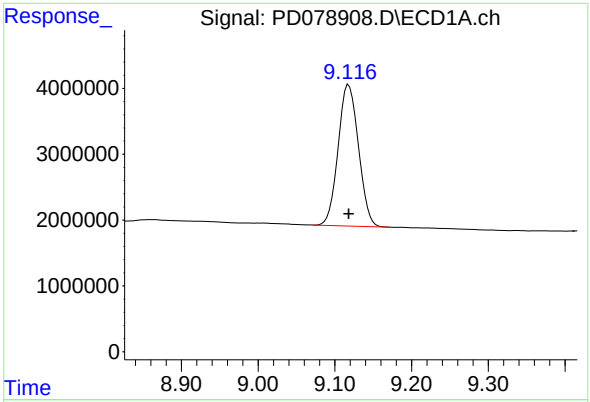

#26 Toxaphene-5

R.T.: 7.629 min
Delta R.T.: 0.017 min
Response: 543368
Conc: 16.60 ng/ml




#26 Toxaphene-5

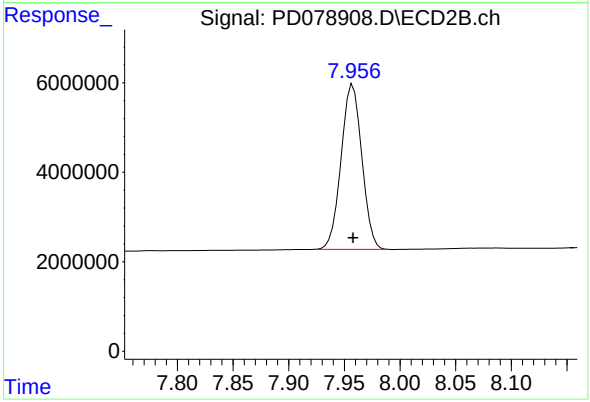
R.T.: 7.077 min
Delta R.T.: -0.006 min
Response: 50065
Conc: 1.63 ng/ml




#27 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: 0.000 min
Response: 39740008
Conc: 21.76 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**




#27 Decachlorobiphenyl

R.T.: 7.958 min
Delta R.T.: 0.000 min
Response: 47946897
Conc: 21.18 ng/ml