Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120424\
Data File : PD087013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Dec 2024 09:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 04 23:49:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | |
| 1) | SA Tetrachlo... | 3.557 | 2.884 | 40743139 | 247.1E6 | 20.374 | 21.585 | |
| 28) | SA Decachlor... | 9.088 | 8.085 | 66075412 | 288.8E6 | 20.772 | 20.729 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 4.007 | 3.398 | 37492254 | 199.0E6 | 9.317 | 11.291 | |
| 3) | MA gamma-BHC... | 4.338 | 3.735 | 37269151 | 184.5E6 | 9.344 | 10.983 | |
| 5) | MB Aldrin | 0.000 | 4.369 | 0 | 2132804 | N.D. | 0.128 | # |
| 6) | B beta-BHC | 4.522 | 4.030 | 17221293 | 85229080 | 10.919 | 11.900 | |
| 7) | B delta-BHC | 4.785 | 4.267 | 849496 | 677494 | 0.208 | 0.040 | # |
| 8) | B Heptachlo... | 5.689 | 0.000 | 366172 | 0 | 0.101 | N.D. | # |
| 9) | A Endosulfan I | 0.000 | 5.247 | 0 | 4119336 | N.D. | 0.290 | # |
| 10) | B gamma-Chl... | 5.927f | 5.142 | 491372 | 2497936 | 0.139 | 0.161 | |
| 11) | B alpha-Chl... | 6.049 | 5.184f | 342144 | 2775078 | 0.096 | 0.182 | # |
| 12) | B 4,4'-DDE | 6.208 | 5.385 | 402328 | 22478274 | 0.124 | 1.491 | # |
| 13) | MA Dieldrin | 6.375f | 5.516 | 132769 | 92033 | 0.037 | 0.006 | # |
| 14) | MA Endrin | 6.583 | 5.798 | 138.5E6 | 632.5E6 | 45.769 | 45.215 | |
| 15) | B Endosulfa... | 6.780f | 6.097 | 259499 | 2221962 | 0.087 | 0.161 | # |
| 16) | A 4,4'-DDD | 6.713 | 5.939 | 4455029 | 16513955 | 1.714 | 1.314 | |
| 17) | MA 4,4'-DDT | 7.031 | 6.193 | 283.2E6 | 1221.1E6 | 100.260 | 91.577 | |
| 18) | B Endrin al... | 6.923 | 6.268 | 3615615 | 22158614 | 1.479 | 1.997 | # |
| 19) | B Endosulfa... | 0.000 | 6.497 | 0 | 376007 | N.D. | 0.028 | # |
| 20) | A Methoxychlor | 7.502 | 6.765 | 367.6E6 | 1316.8E6 | 229.855 | 183.577 | |
| 21) | B Endrin ke... | 7.639 | 7.000 | 7082770 | 44054130 | 2.183 | 2.923 | # |
| 22) | Mirex | 8.123 | 7.196 | 77141 | 1382885 | 0.031 | 0.112 | # |
| 23) | Chlordane-1 | 0.000 | 3.912 | 0 | 229667 | N.D. | 0.441 | # |
| 24) | Chlordane-2 | 0.000 | 4.498 | 0 | 851839 | N.D. | 1.529 | # |
| 25) | Chlordane-3 | 5.927f | 5.142 | 491372 | 2497936 | 0.901 | 1.510 | # |
| 26) | Chlordane-4 | 6.049 | 5.184 | 342144 | 2775078 | 0.519 | 1.979 | # |
| 27) | Chlordane-5 | 0.000 | 6.097 | 0 | 2221962 | N.D. | 3.468 | # |

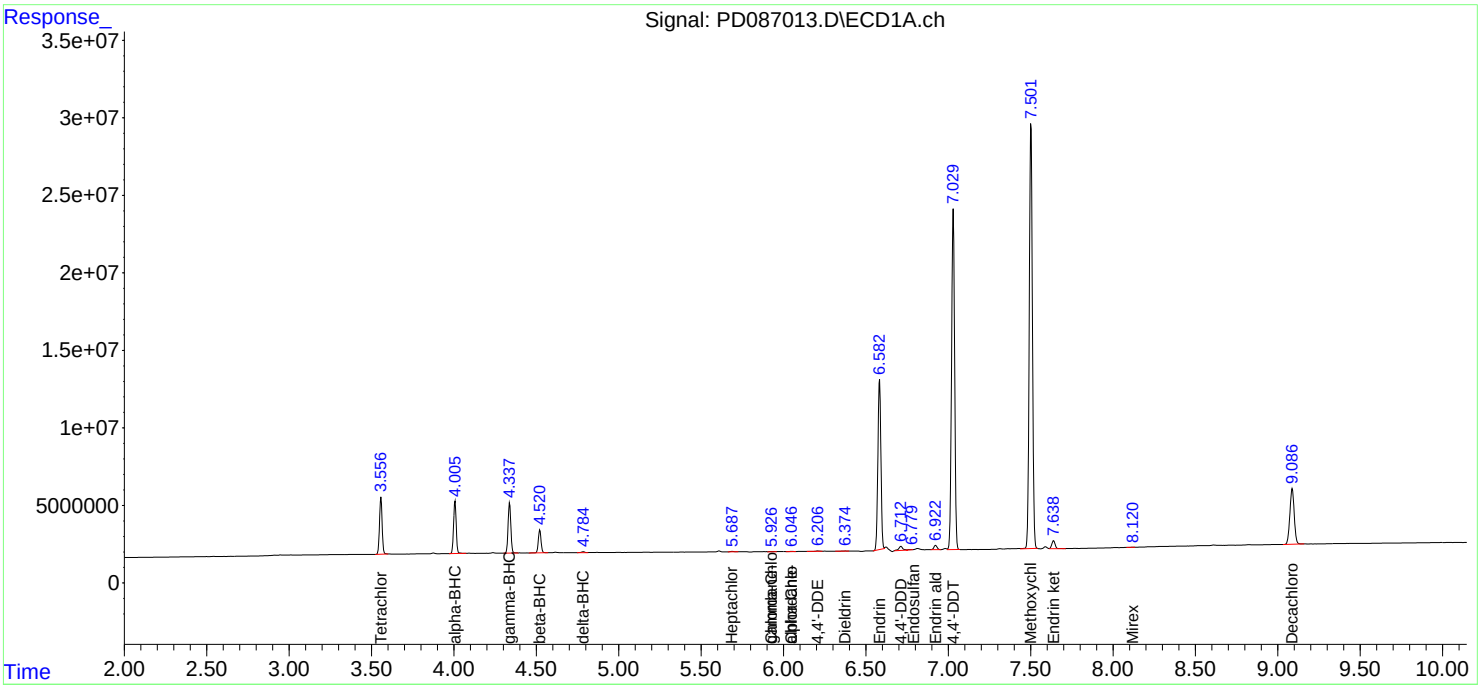
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

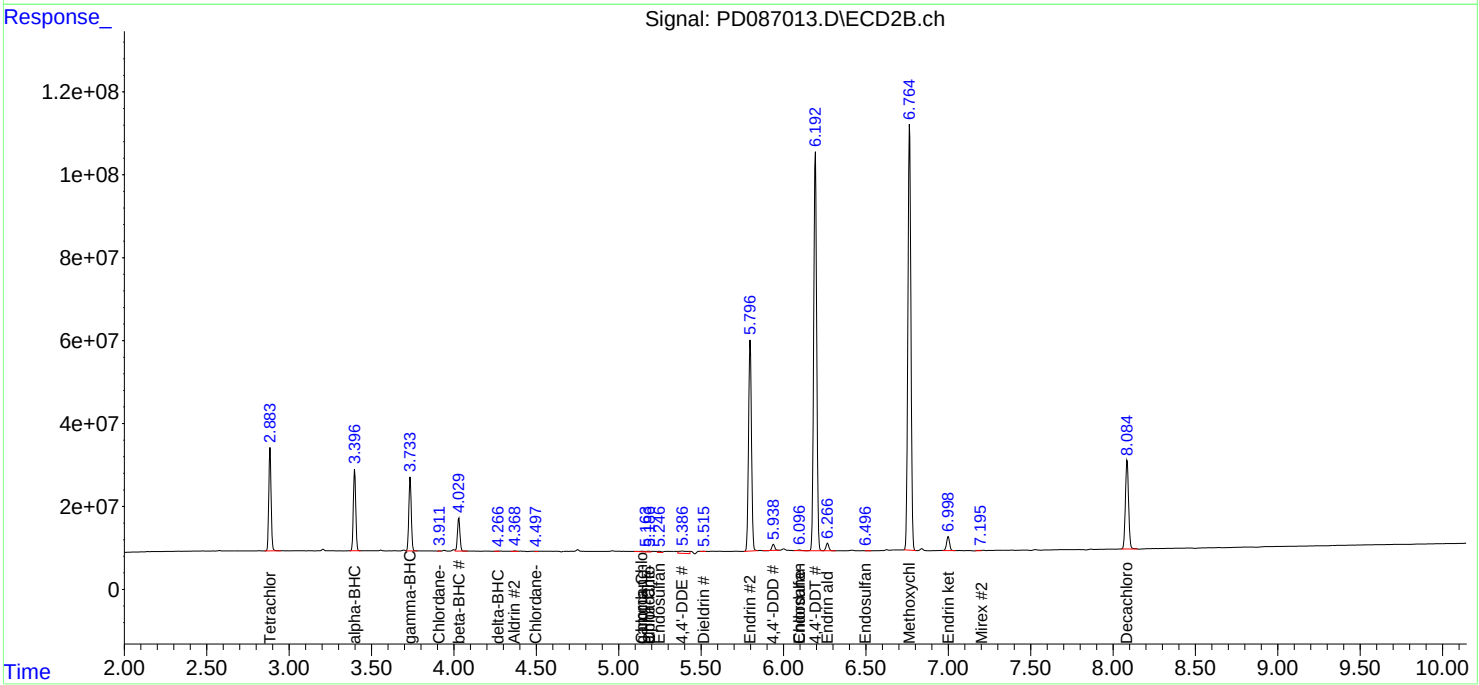
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120424\
Data File : PD087013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Dec 2024 09:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

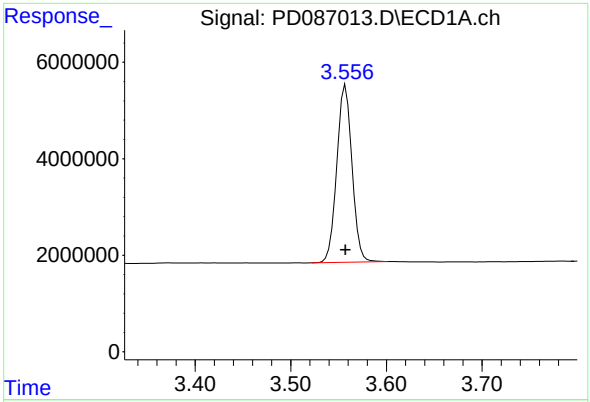
**Instrument :**
ECD_D
**ClientSampleId :**
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 04 23:49:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



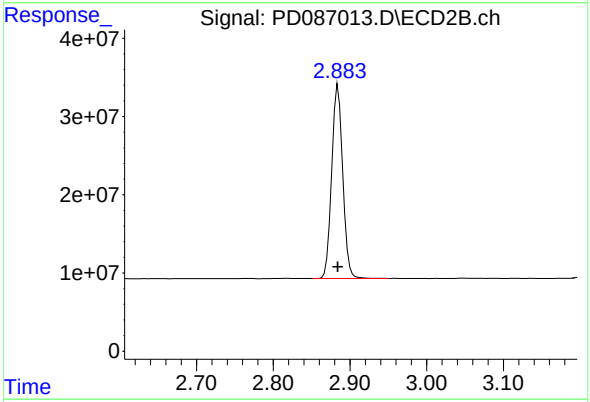






#1 Tetrachloro-m-xylene

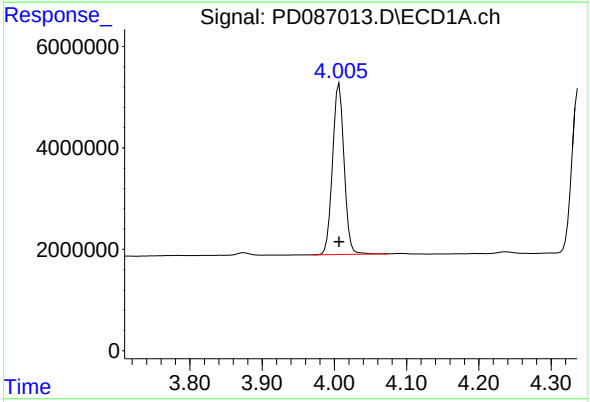
R.T.: 3.557 min
Delta R.T.: 0.000 min
Response: 40743139
Conc: 20.37 ng/ml

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



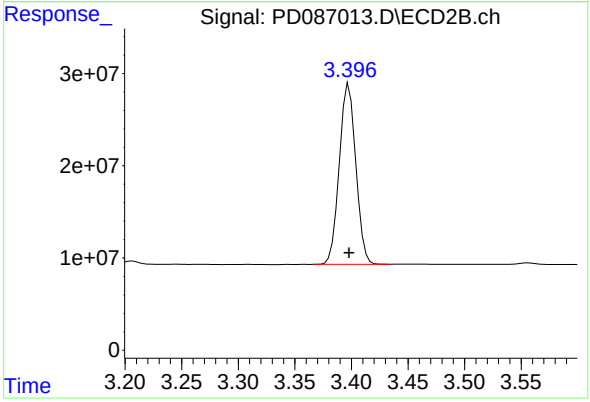

#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 247066204
Conc: 21.58 ng/ml



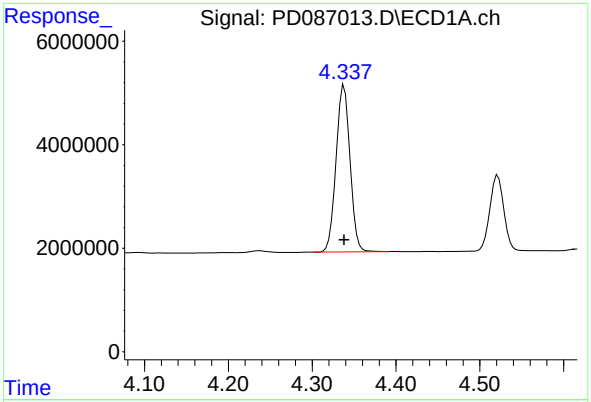

#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 37492254
Conc: 9.32 ng/ml




#2 alpha-BHC

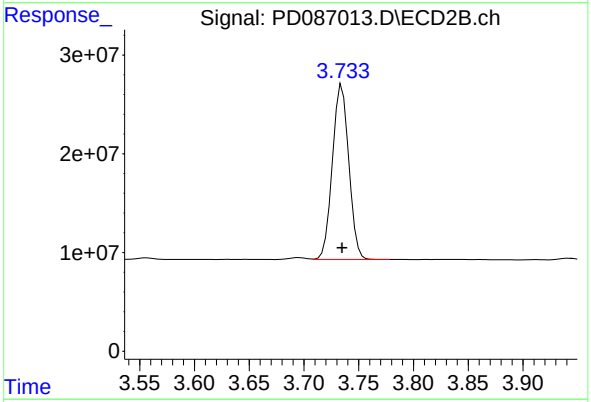
R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 198950724
Conc: 11.29 ng/ml




#3 gamma-BHC (Lindane)

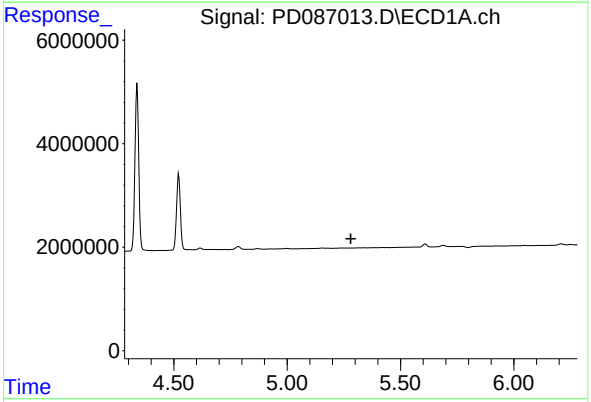
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 37269151
Conc: 9.34 ng/ml

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



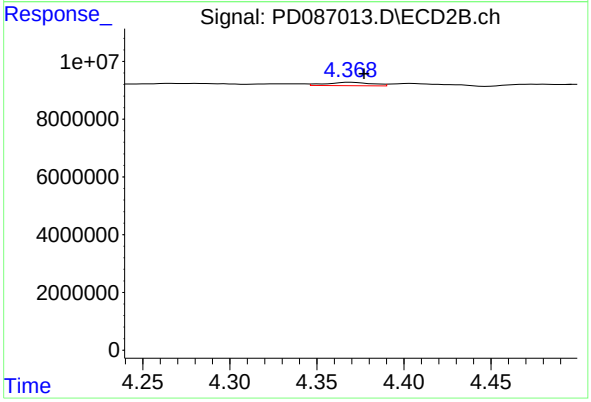

#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 184456101
Conc: 10.98 ng/ml



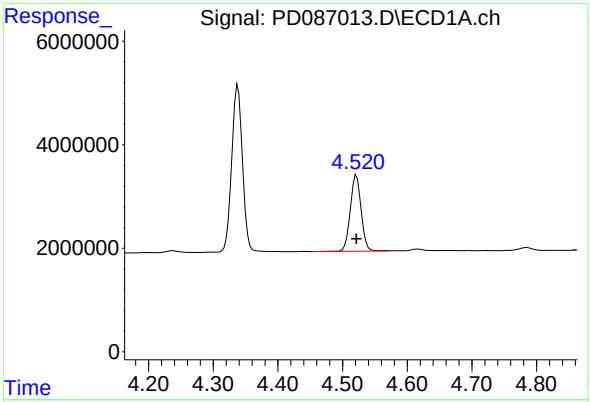

#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.280 min
Response: 0
Conc: N.D.




#5 Aldrin

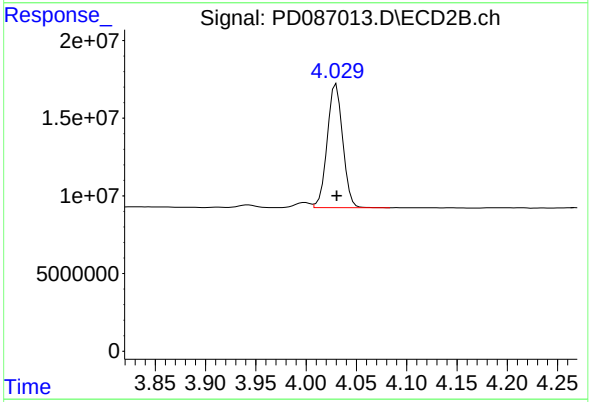
R.T.: 4.369 min
Delta R.T.: -0.008 min
Response: 2132804
Conc: 0.13 ng/ml




#6 beta-BHC

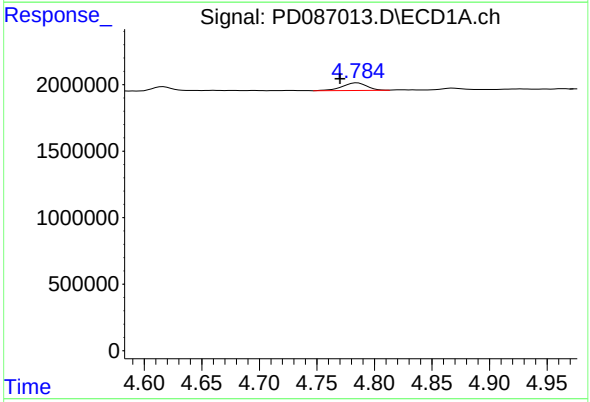
R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 17221293
Conc: 10.92 ng/ml

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



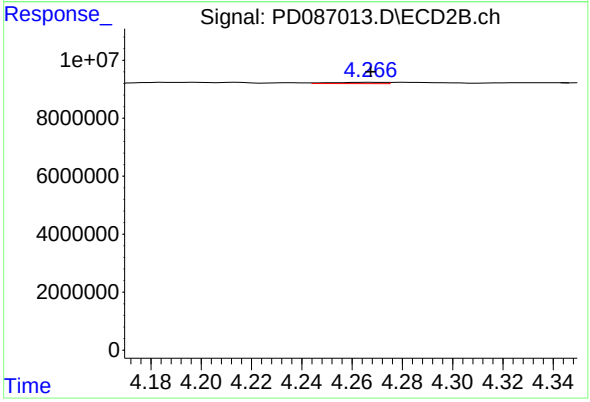

#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 85229080
Conc: 11.90 ng/ml



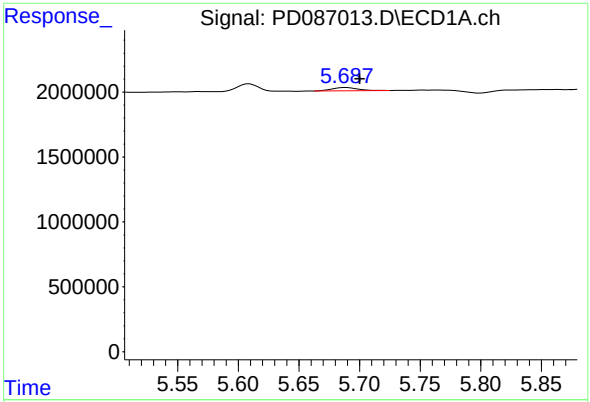

#7 delta-BHC

R.T.: 4.785 min
Delta R.T.: 0.015 min
Response: 849496
Conc: 0.21 ng/ml




#7 delta-BHC

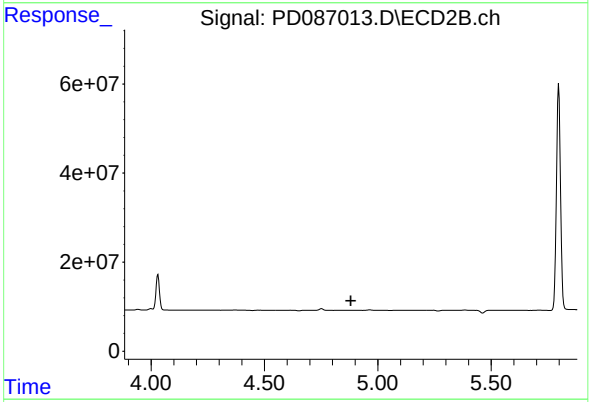
R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 677494
Conc: 0.04 ng/ml




#8 Heptachlor epoxide

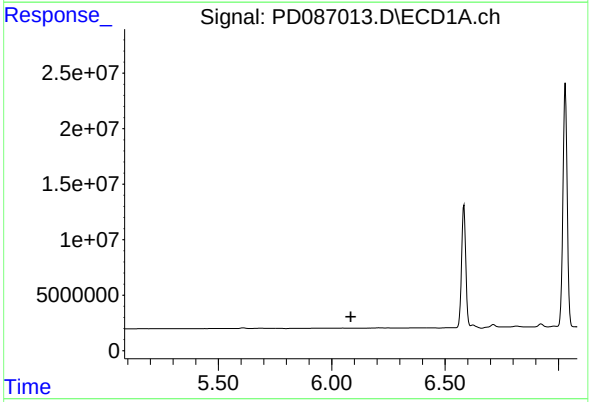
R.T.: 5.689 min
Delta R.T.: -0.012 min
Response: 366172
Conc: 0.10 ng/ml

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



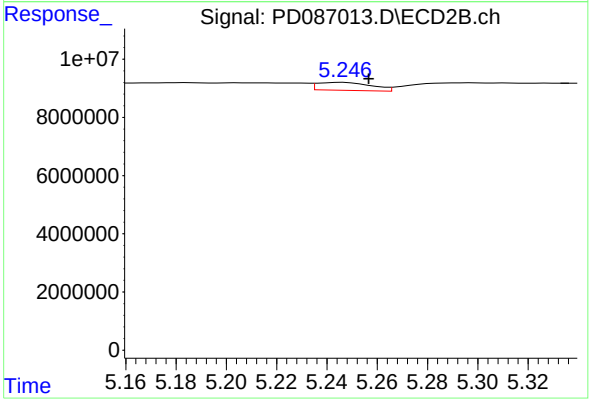

#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.881 min
Response: 0
Conc: N.D.



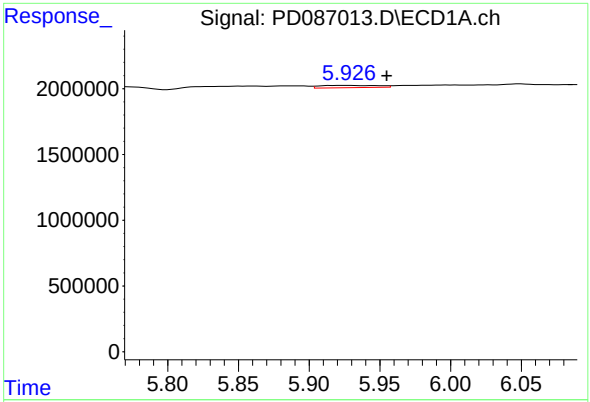

#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.084 min
Response: 0
Conc: N.D.




#9 Endosulfan I

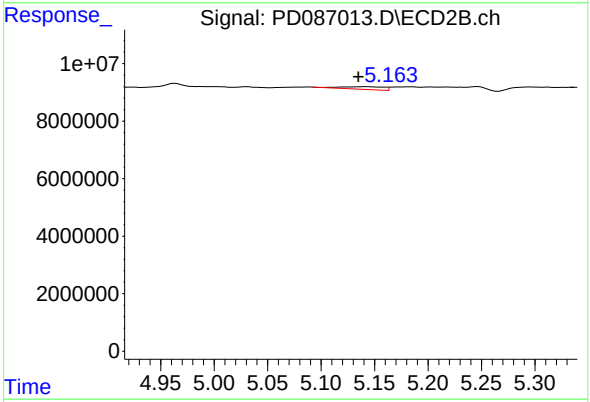
R.T.: 5.247 min
Delta R.T.: -0.010 min
Response: 4119336
Conc: 0.29 ng/ml




#10 gamma-Chlordane

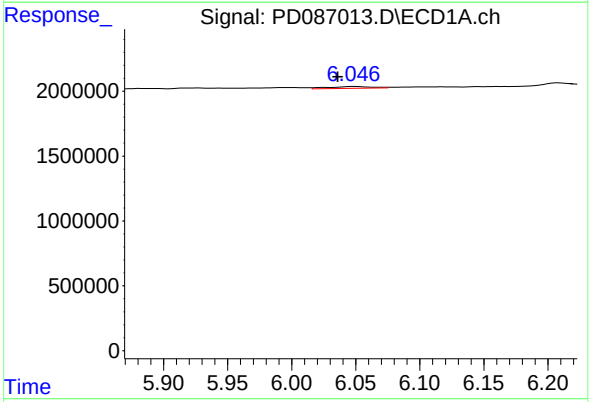
R.T.: 5.927 min
Delta R.T.: -0.028 min
Response: 491372
Conc: 0.14 ng/ml

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



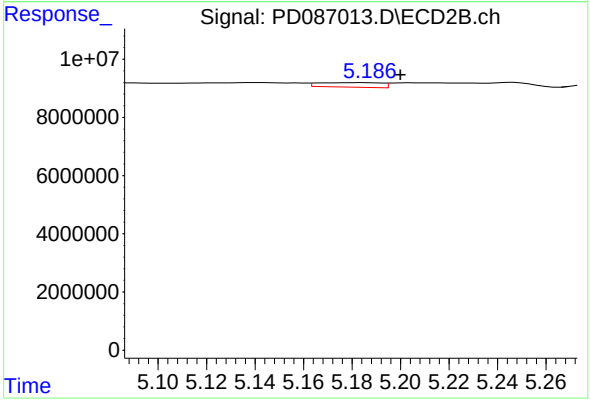

#10 gamma-Chlordane

R.T.: 5.142 min
Delta R.T.: 0.007 min
Response: 2497936
Conc: 0.16 ng/ml



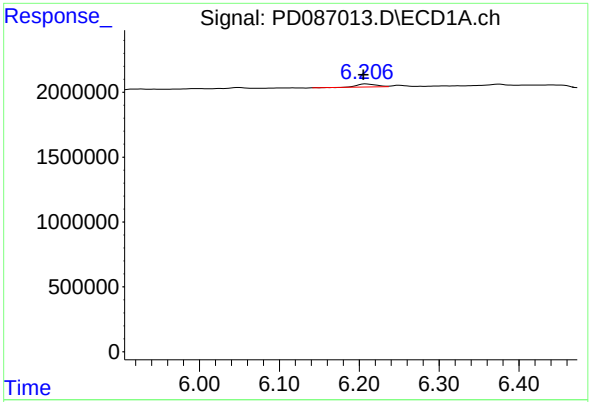

#11 alpha-Chlordane

R.T.: 6.049 min
Delta R.T.: 0.013 min
Response: 342144
Conc: 0.10 ng/ml




#11 alpha-Chlordane

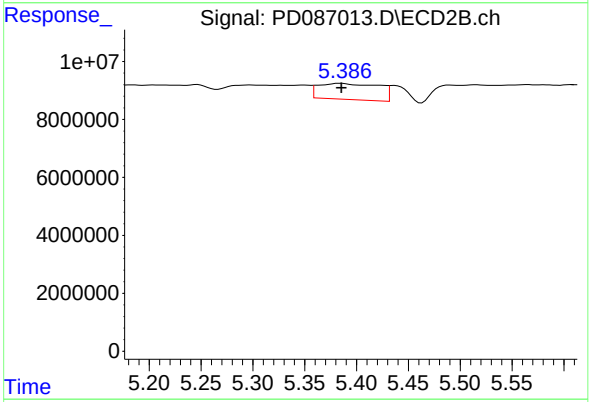
R.T.: 5.184 min
Delta R.T.: -0.016 min
Response: 2775078
Conc: 0.18 ng/ml




#12 4,4'-DDE

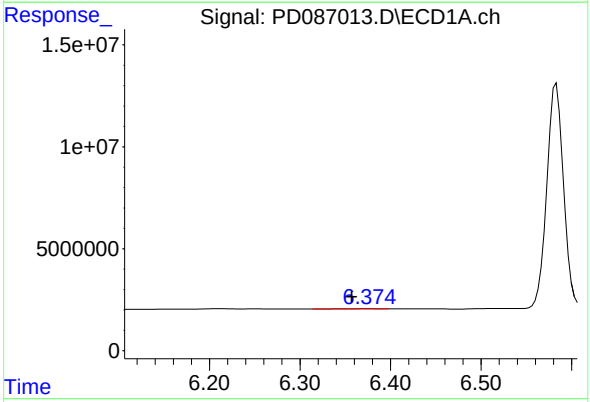
R.T.: 6.208 min
Delta R.T.: 0.003 min
Response: 402328
Conc: 0.12 ng/ml

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



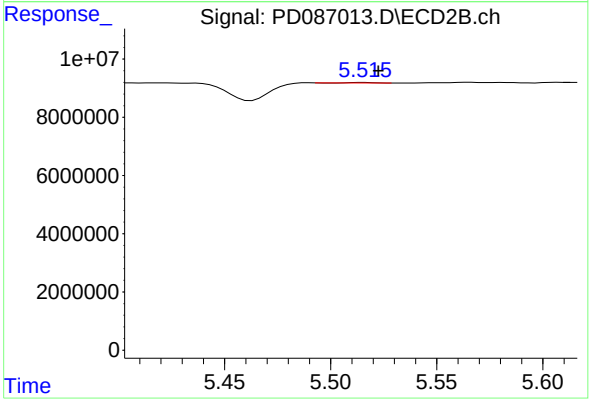

#12 4,4'-DDE

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 22478274
Conc: 1.49 ng/ml



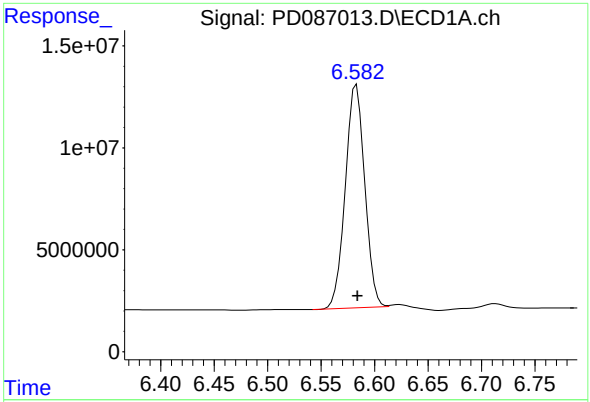

#13 Dieldrin

R.T.: 6.375 min
Delta R.T.: 0.018 min
Response: 132769
Conc: 0.04 ng/ml




#13 Dieldrin

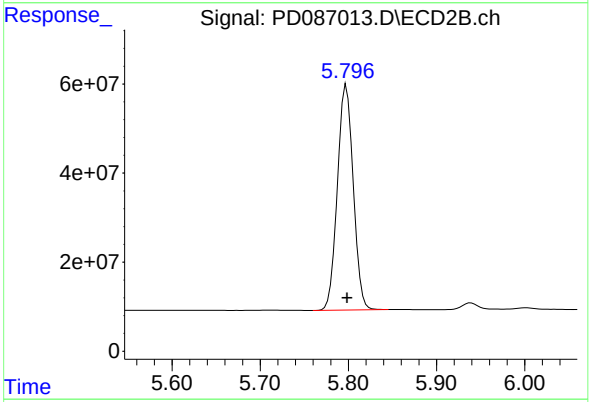
R.T.: 5.516 min
Delta R.T.: -0.006 min
Response: 92033
Conc: 0.01 ng/ml




#14 Endrin

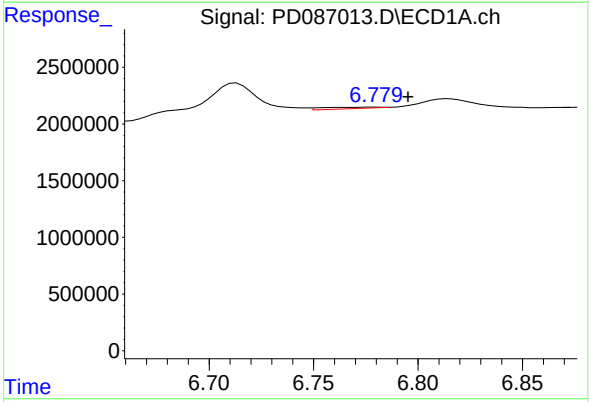
R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 138494417
Conc: 45.77 ng/ml

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



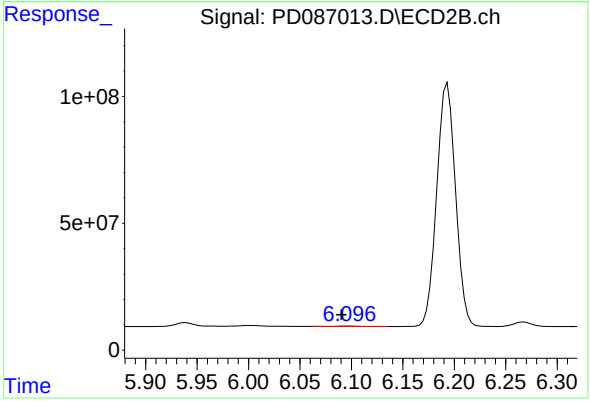

#14 Endrin

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 632496346
Conc: 45.22 ng/ml



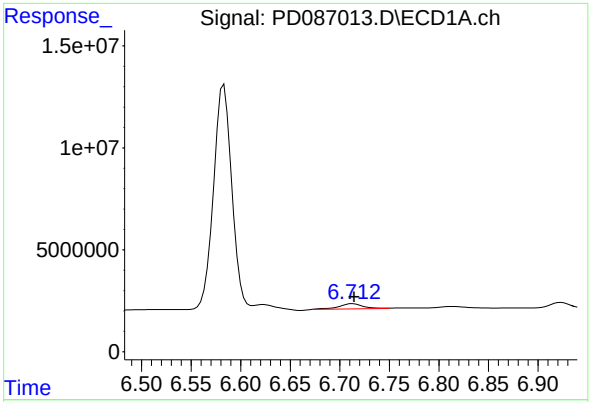

#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: -0.015 min
Response: 259499
Conc: 0.09 ng/ml




#15 Endosulfan II

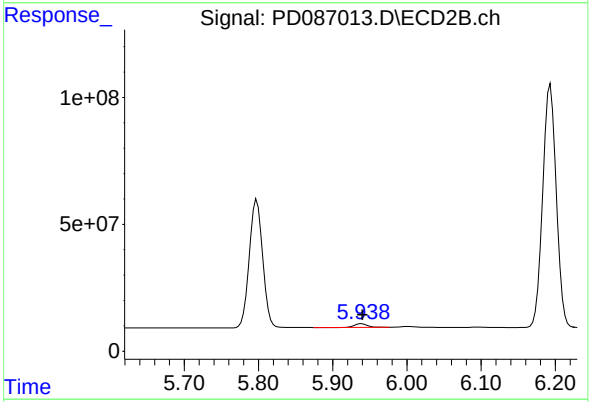
R.T.: 6.097 min
Delta R.T.: 0.006 min
Response: 2221962
Conc: 0.16 ng/ml




#16 4,4'-DDD

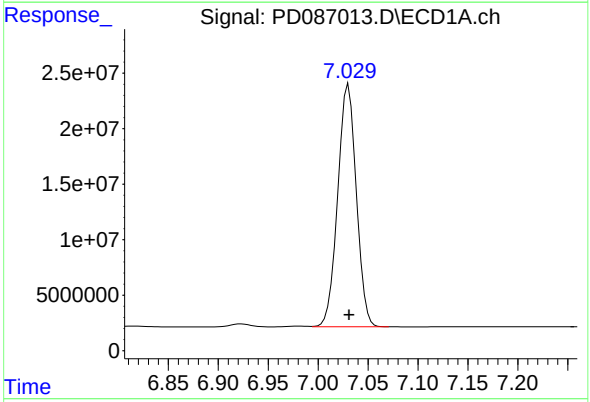
R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 4455029
Conc: 1.71 ng/ml

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



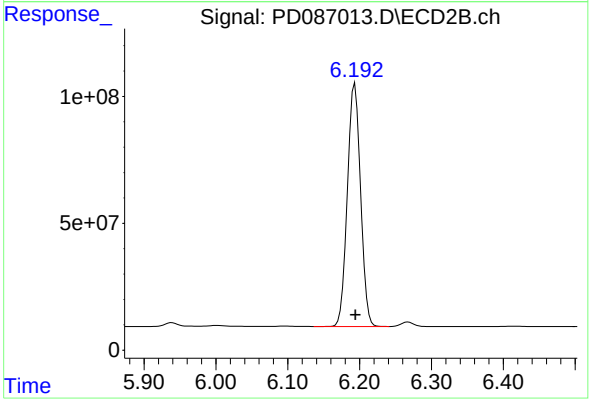

#16 4,4'-DDD

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 16513955
Conc: 1.31 ng/ml



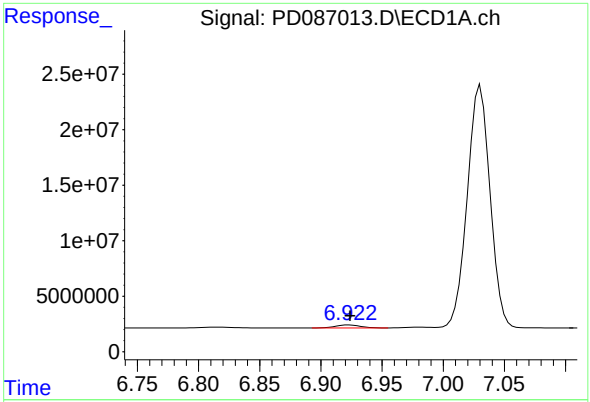

#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 283223067
Conc: 100.26 ng/ml




#17 4,4'-DDT

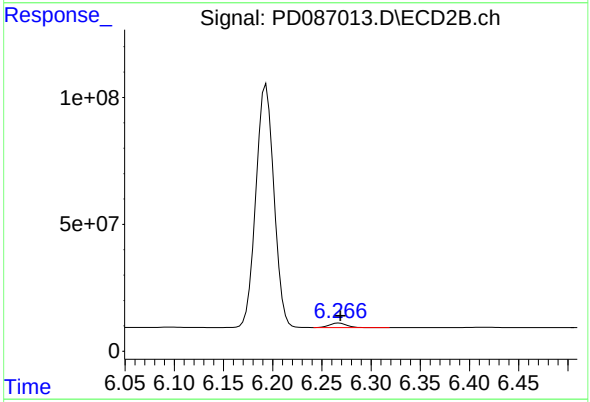
R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 1221082495
Conc: 91.58 ng/ml




#18 Endrin aldehyde

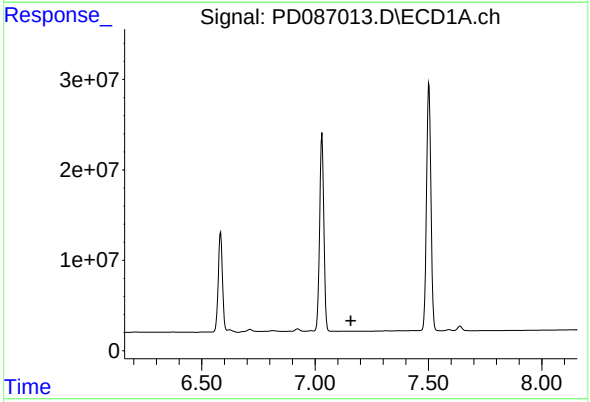
R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 3615615
Conc: 1.48 ng/ml

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



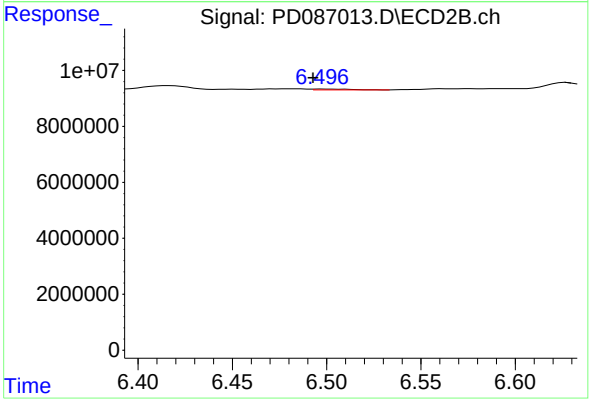

#18 Endrin aldehyde

R.T.: 6.268 min
Delta R.T.: -0.001 min
Response: 22158614
Conc: 2.00 ng/ml



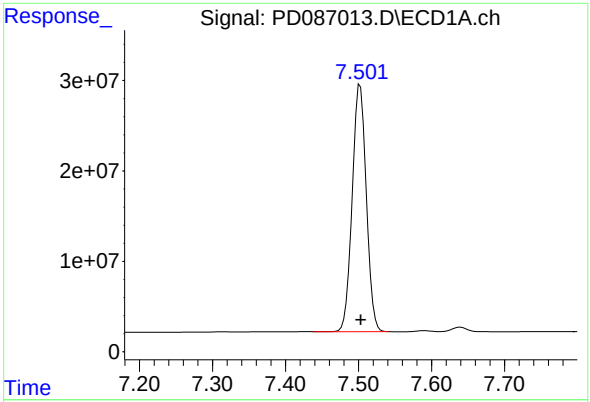

#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.158 min
Response: 0
Conc: N.D.




#19 Endosulfan Sulfate

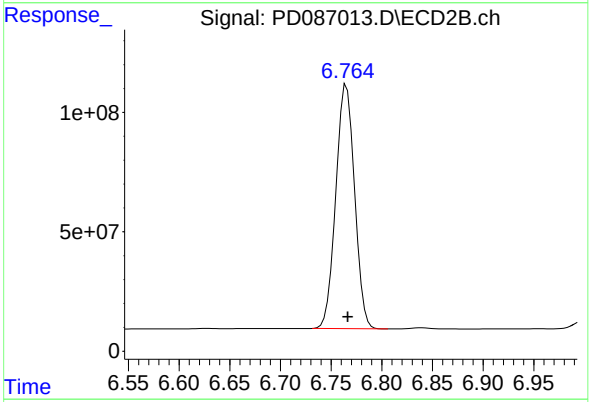
R.T.: 6.497 min
Delta R.T.: 0.005 min
Response: 376007
Conc: 0.03 ng/ml




#20 Methoxychlor

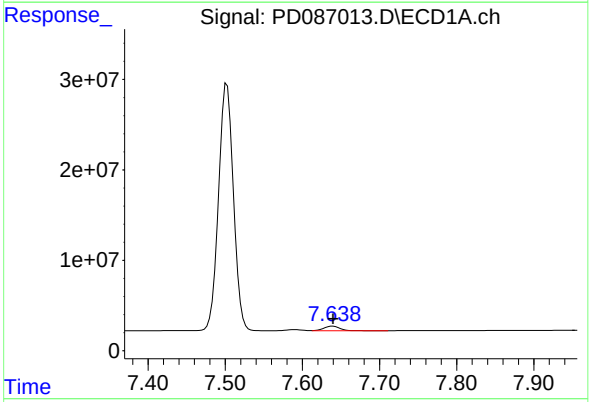
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 367603052
Conc: 229.85 ng/ml

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



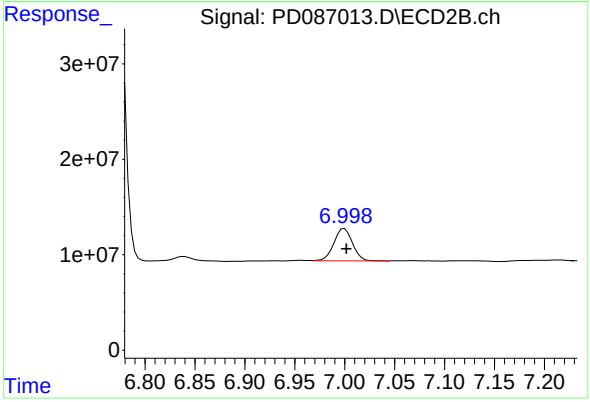

#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 1316843585
Conc: 183.58 ng/ml



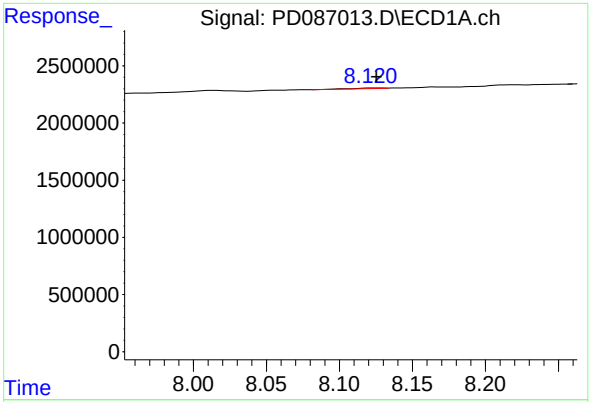

#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 7082770
Conc: 2.18 ng/ml




#21 Endrin ketone

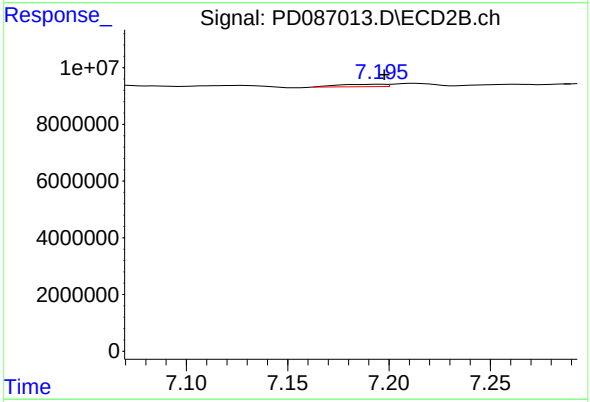
R.T.: 7.000 min
Delta R.T.: -0.002 min
Response: 44054130
Conc: 2.92 ng/ml




#22 Mirex

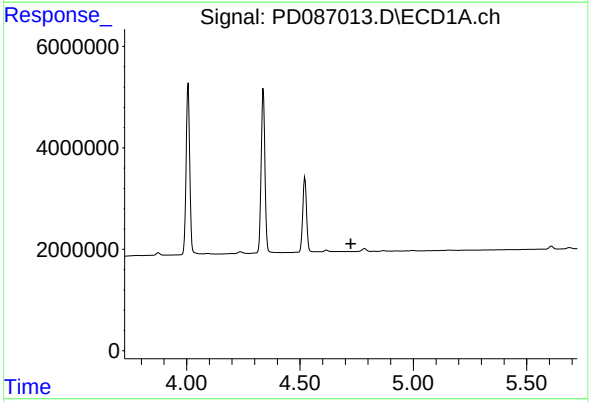
R.T.: 8.123 min
Delta R.T.: -0.002 min
Response: 77141
Conc: 0.03 ng/ml

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



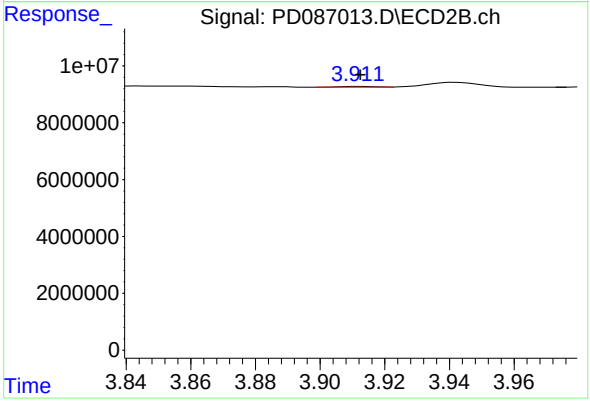

#22 Mirex

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 1382885
Conc: 0.11 ng/ml



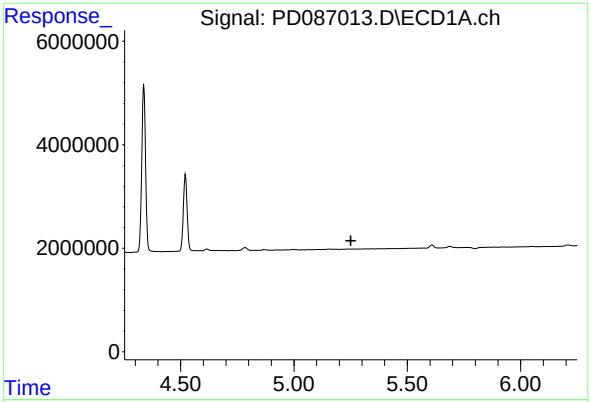

#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.725 min
Response: 0
Conc: N.D.




#23 Chlordane-1

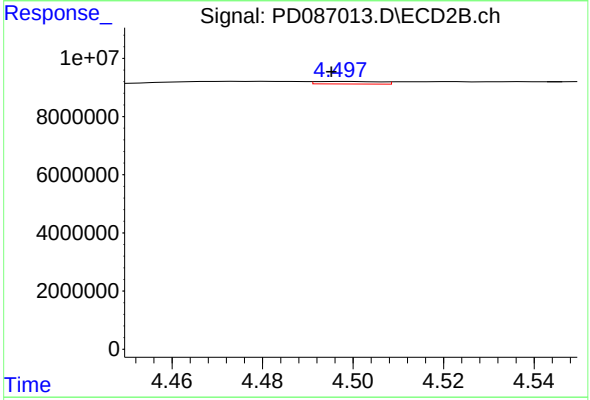
R.T.: 3.912 min
Delta R.T.: 0.000 min
Response: 229667
Conc: 0.44 ng/ml




#24 Chlordane-2

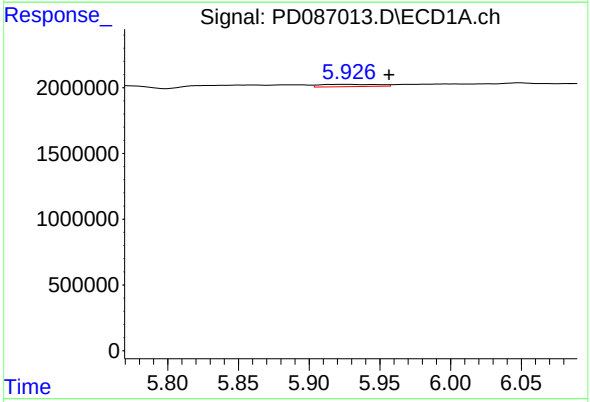
R.T.: 0.000 min
Exp R.T. : 5.251 min
Response: 0
Conc: N.D.

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



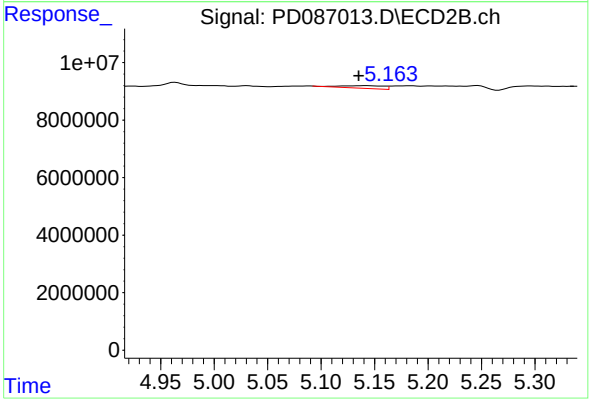

#24 Chlordane-2

R.T.: 4.498 min
Delta R.T.: 0.003 min
Response: 851839
Conc: 1.53 ng/ml



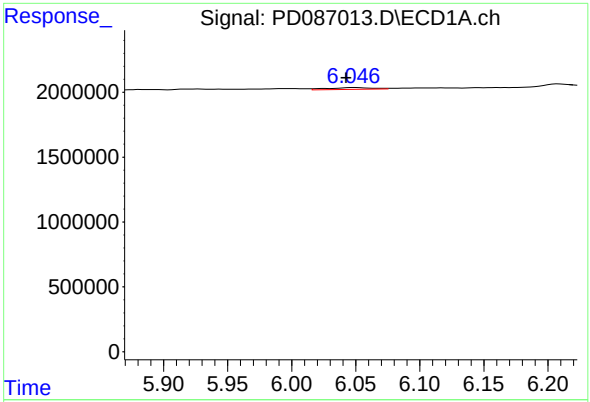

#25 Chlordane-3

R.T.: 5.927 min
Delta R.T.: -0.029 min
Response: 491372
Conc: 0.90 ng/ml




#25 Chlordane-3

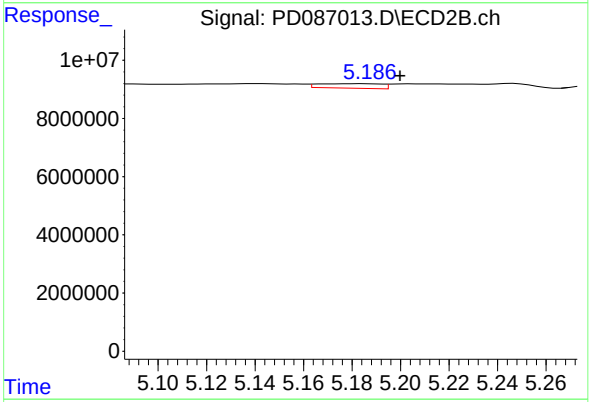
R.T.: 5.142 min
Delta R.T.: 0.007 min
Response: 2497936
Conc: 1.51 ng/ml




#26 Chlordane-4

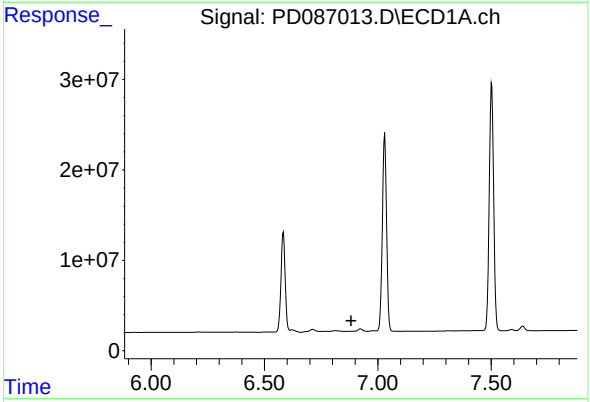
R.T.: 6.049 min
Delta R.T.: 0.007 min
Response: 342144
Conc: 0.52 ng/ml

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



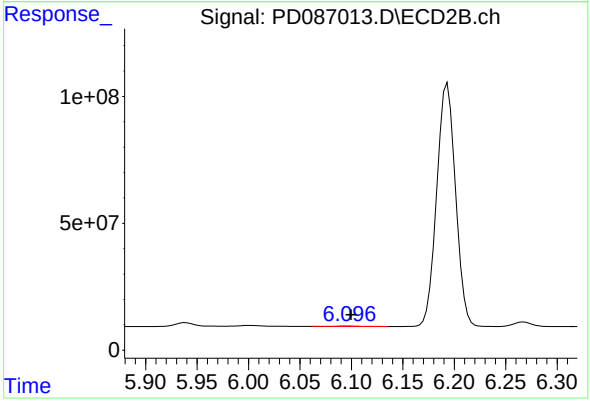

#26 Chlordane-4

R.T.: 5.184 min
Delta R.T.: -0.016 min
Response: 2775078
Conc: 1.98 ng/ml



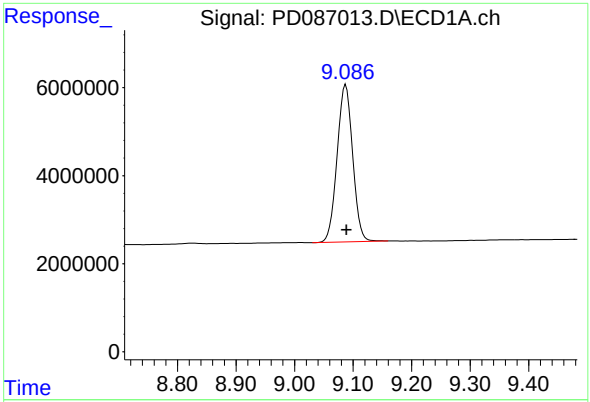

#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.882 min
Response: 0
Conc: N.D.




#27 Chlordane-5

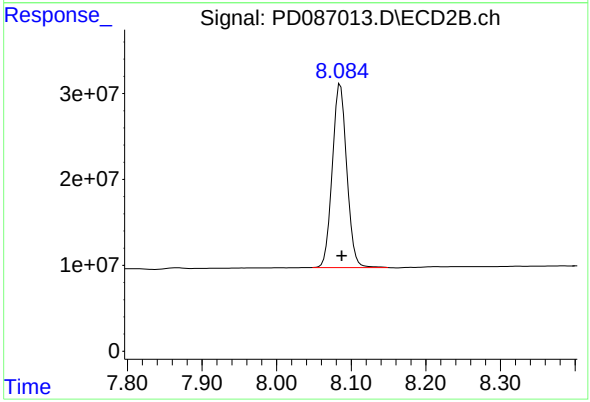
R.T.: 6.097 min
Delta R.T.: -0.003 min
Response: 2221962
Conc: 3.47 ng/ml




#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: -0.001 min
Response: 66075412
Conc: 20.77 ng/ml

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




#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 288815041
Conc: 20.73 ng/ml