Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112124\
Data File : PD086858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2024 16:26
Operator : AR\AJ
Sample : PEM013
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
PEM200

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 00:18:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112024CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 20 02:52:29 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... | 3.559 | 2.885 | 39339039 | 232.2E6 | 21.392 | 20.121 | |
| 27) | SA Decachlor... | 9.093 | 8.091 | 56988324 | 259.9E6 | 21.404 | 20.396 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 4.008 | 3.400 | 35899365 | 187.6E6 | 10.196 | 10.474 | |
| 3) | MA gamma-BHC... | 4.340 | 3.737 | 35977151 | 172.2E6 | 10.330 | 10.322 | |
| 4) | MA Heptachlor | 4.922 | 0.000 | 33133 | 0 | <MDL | N.D. | # |
| 5) | MB Aldrin | 5.279 | 4.372 | 54167 | 551451 | <MDL | <MDL | # |
| 6) | B beta-BHC | 4.524 | 4.032 | 16265973 | 80032971 | 10.261 | 10.131 | |
| 7) | B delta-BHC | 4.789 | 4.270 | 52860 | 289196 | <MDL | <MDL | # |
| 8) | B Heptachlo... | 5.693 | 4.915 | 3578021 | 208210 | 1.095 | <MDL | # |
| 9) | A Endosulfan I | 6.114 | 0.000 | 83266 | 0 | <MDL | N.D. | # |
| 10) | B trans-Chl... | 6.015f | 5.139 | 106328 | 1247750 | <MDL | <MDL | # |
| 11) | B cis-Chlor... | 6.052 | 5.139f | 121131 | 1247750 | <MDL | <MDL | # |
| 12) | B 4,4'-DDE | 6.210 | 5.388 | 90642 | 2072310 | <MDL | 0.136 | # |
| 13) | MA Dieldrin | 6.380 | 5.529 | 125201 | 904576 | <MDL | <MDL | # |
| 14) | MA Endrin | 6.588 | 5.802 | 128.3E6 | 618.0E6 | 47.449 | 44.737 | |
| 15) | B Endosulfa... | 6.819 | 6.102 | 372401 | 4112377 | 0.134 | 0.295 | # |
| 16) | A 4,4'-DDD | 6.718 | 5.943 | 11055245 | 47009152 | 4.660 | 3.891 | |
| 17) | MA 4,4'-DDT | 7.035 | 6.198 | 249.5E6 | 1109.7E6 | 100.669 | 85.829 | |
| 18) | B Endrin al... | 6.928 | 6.272 | 3527294 | 20622551 | 1.605 | 1.922 | |
| 19) | B Endosulfa... | 0.000 | 6.496 | 0 | 94772 | N.D. | <MDL | |
| 20) | A Methoxychlor | 7.507 | 6.770 | 327.4E6 | 1307.1E6 | 242.578 | 226.092 | |
| 21) | B Endrin ke... | 7.644 | 7.005 | 7564926 | 44260959 | 2.480 | 2.962 | |
| 22) | Toxaphene-1 | 6.210f | 5.139 | 90642 | 1247750 | 4.412 | 15.294 | # |
| 23) | Toxaphene-2 | 6.443 | 6.102 | 1189941 | 4112377 | 42.014 | 45.873 | |
| 24) | Toxaphene-3 | 7.035 | 6.770 | 249.5E6 | 1307.1E6 | 3080.836 | 4426.900 | # |
| 25) | Toxaphene-4 | 0.000 | 7.222 | 0 | 7794422 | N.D. | 37.706 | |
| 26) | Toxaphene-5 | 7.931 | 7.305f | 186158 | 6218135 | 4.220 | 39.612 | # |

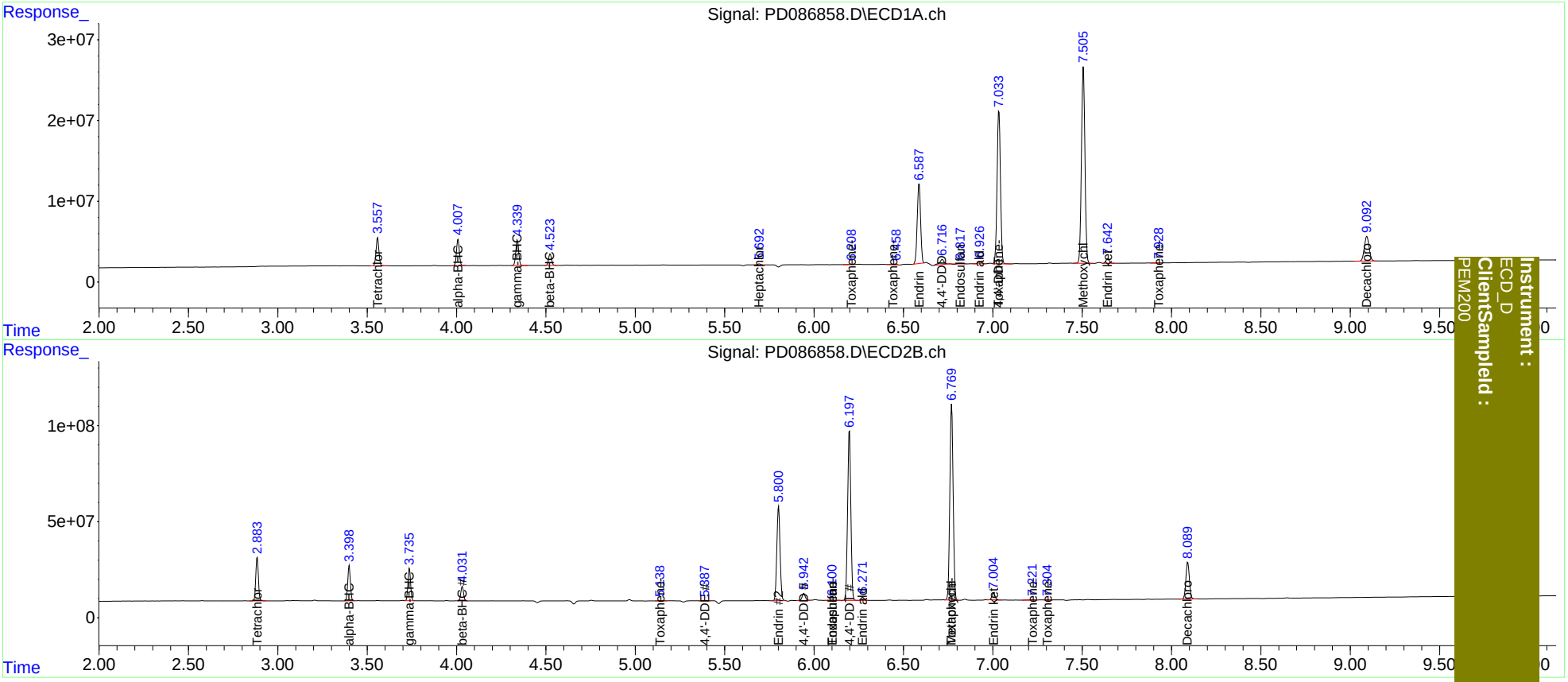
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

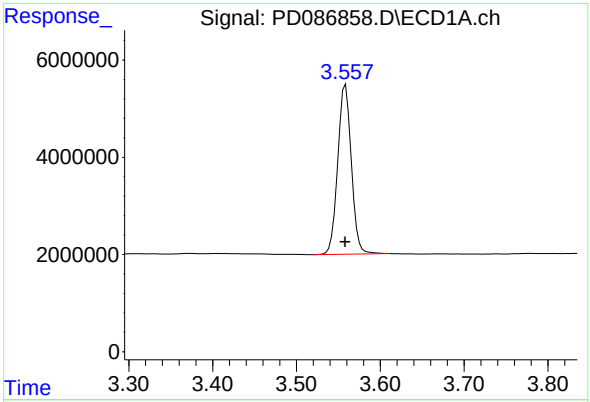
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112124\
Data File : PD086858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2024 16:26
Operator : AR\AJ
Sample : PEM013
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 00:18:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112024CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 20 02:52:29 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

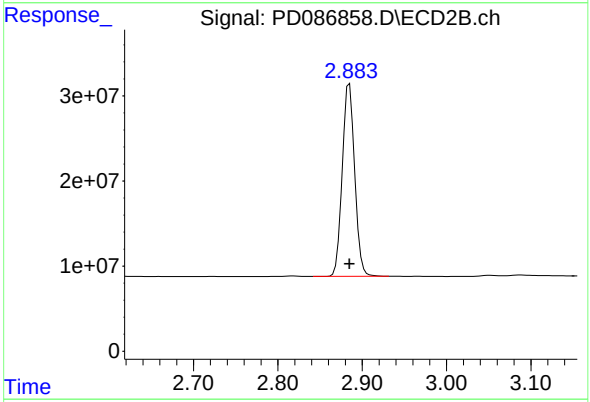





#1 Tetrachloro-m-xylene

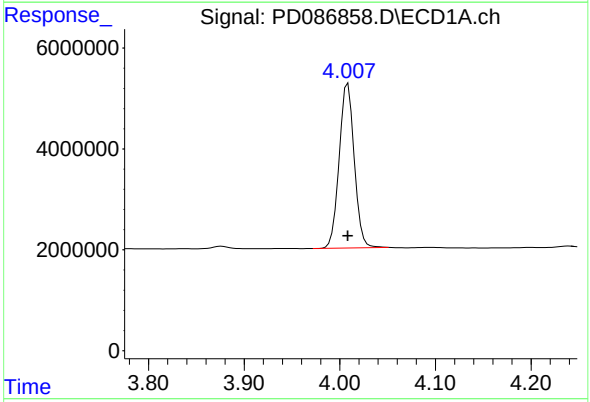
R.T.: 3.559 min
Delta R.T.: 0.000 min
Response: 39339039
Conc: 21.39 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM200



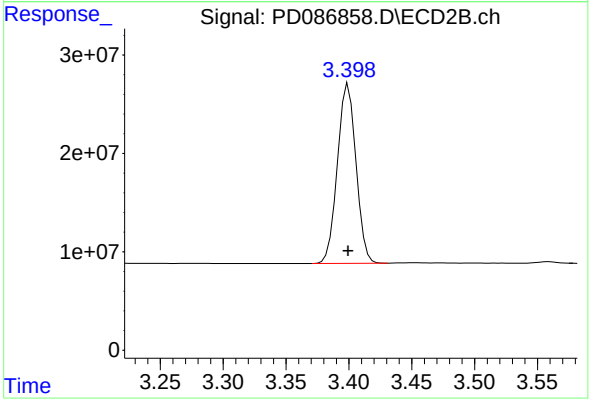

#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.000 min
Response: 232212030
Conc: 20.12 ng/ml



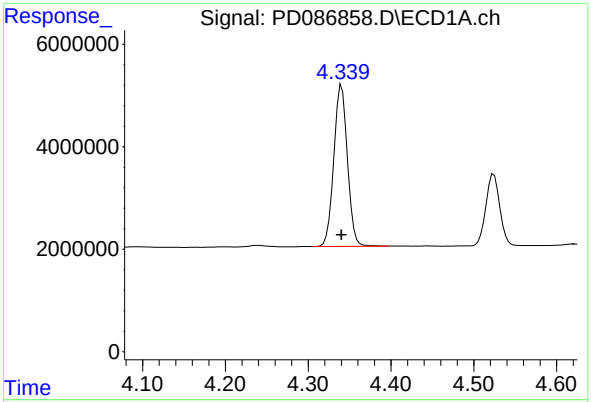

#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 35899365
Conc: 10.20 ng/ml




#2 alpha-BHC

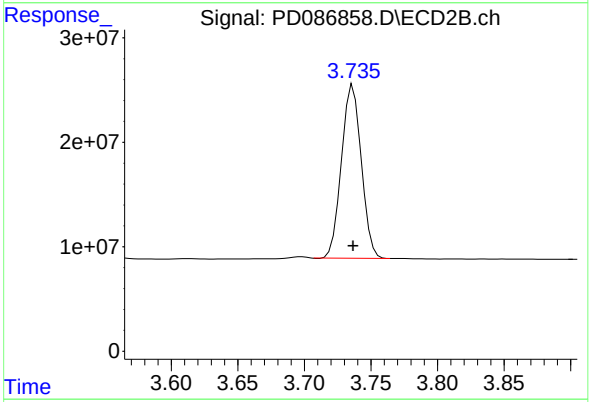
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 187595039
Conc: 10.47 ng/ml




#3 gamma-BHC (Lindane)

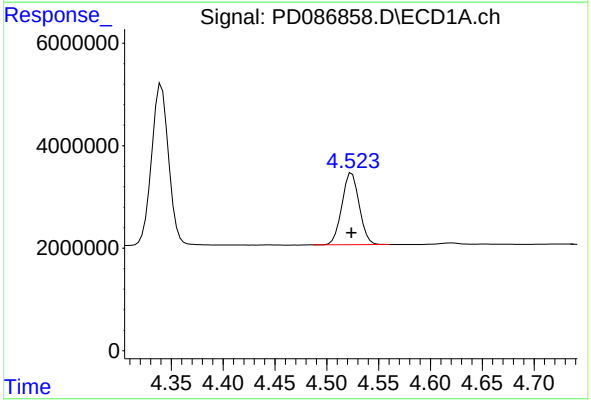
R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 35977151
Conc: 10.33 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM200



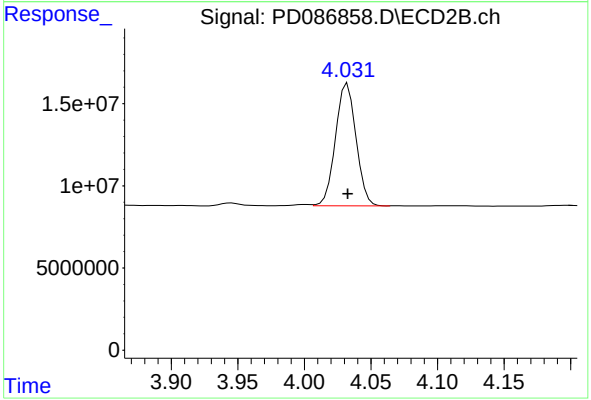

#3 gamma-BHC (Lindane)

R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 172156910
Conc: 10.32 ng/ml



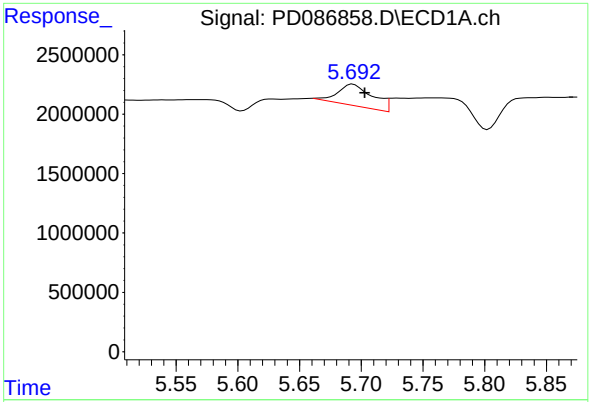

#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 16265973
Conc: 10.26 ng/ml




#6 beta-BHC

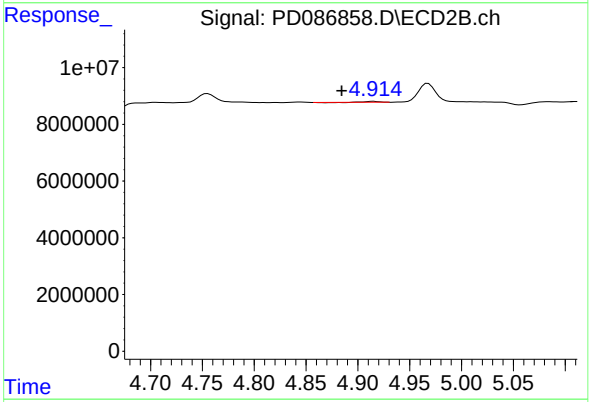
R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 80032971
Conc: 10.13 ng/ml




#8 Heptachlor epoxide

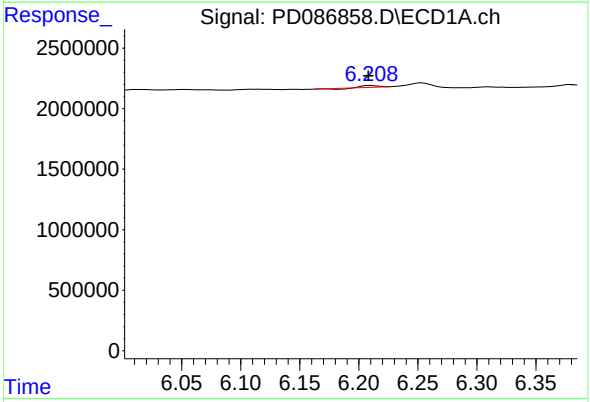
R.T.: 5.693 min
Delta R.T.: -0.009 min
Response: 3578021
Conc: 1.09 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM200



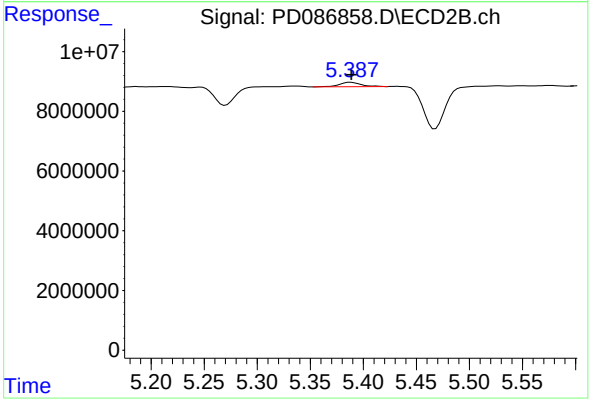

#8 Heptachlor epoxide

R.T.: 4.915 min
Delta R.T.: 0.031 min
Response: 208210
Conc: N.D.



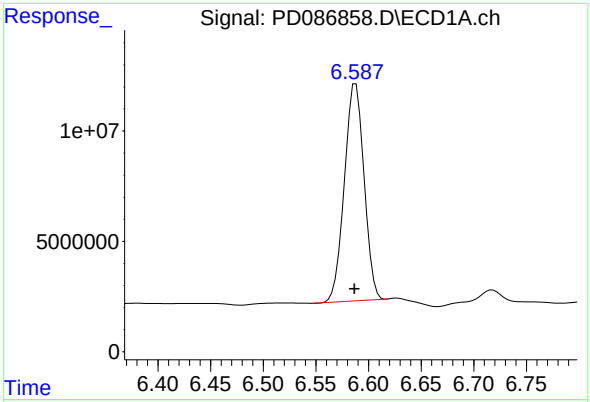

#12 4,4'-DDE

R.T.: 6.210 min
Delta R.T.: 0.002 min
Response: 90642
Conc: N.D.




#12 4,4'-DDE

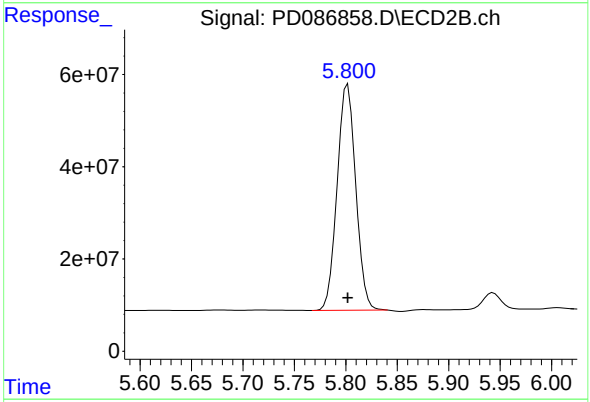
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 2072310
Conc: 0.14 ng/ml




#14 Endrin

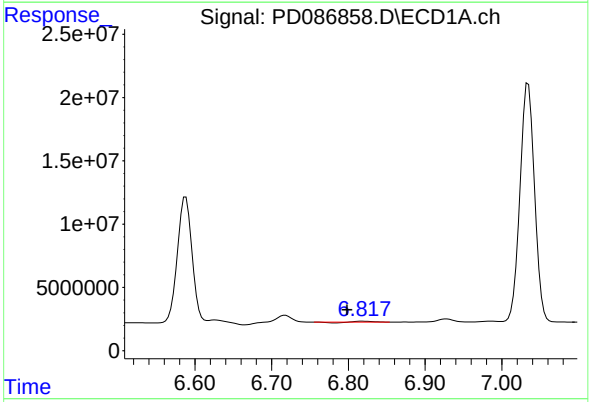
R.T.: 6.588 min
Delta R.T.: 0.001 min
Response: 128259690
Conc: 47.45 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM200



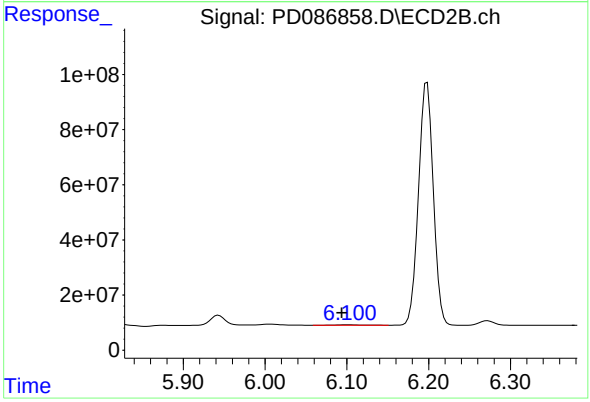

#14 Endrin

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 618012641
Conc: 44.74 ng/ml



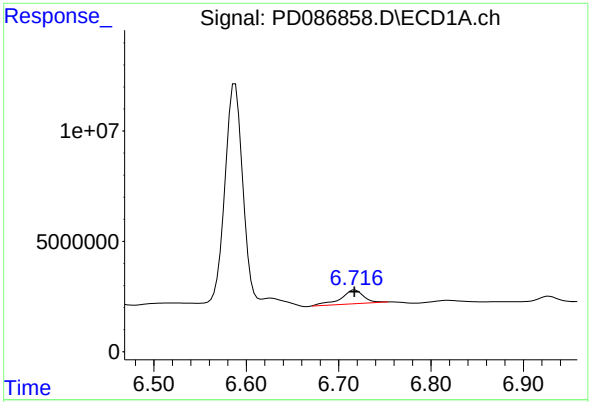

#15 Endosulfan II

R.T.: 6.819 min
Delta R.T.: 0.021 min
Response: 372401
Conc: 0.13 ng/ml




#15 Endosulfan II

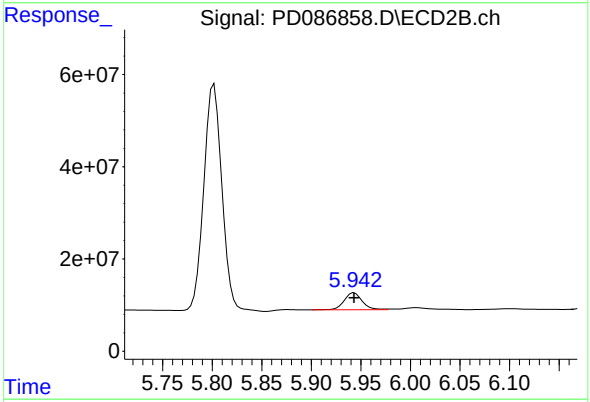
R.T.: 6.102 min
Delta R.T.: 0.008 min
Response: 4112377
Conc: 0.29 ng/ml




#16 4,4'-DDD

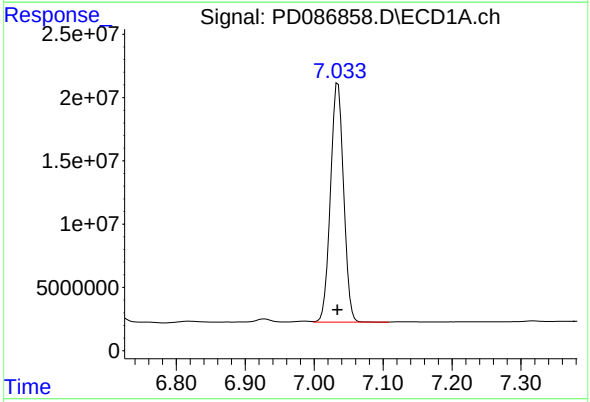
R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 11055245
Conc: 4.66 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM200



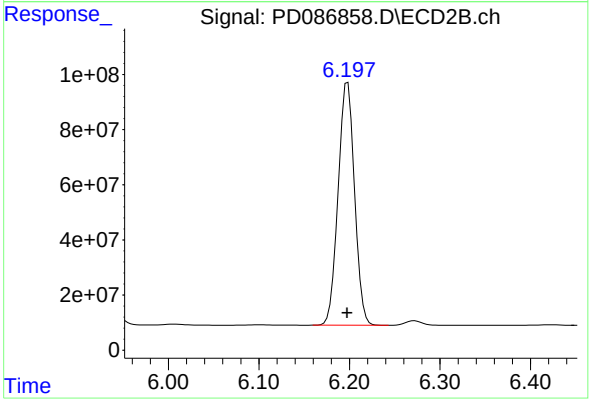

#16 4,4'-DDD

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 47009152
Conc: 3.89 ng/ml



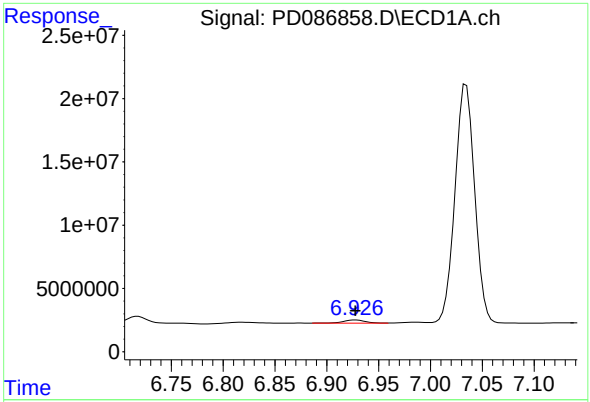

#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 249535280
Conc: 100.67 ng/ml




#17 4,4'-DDT

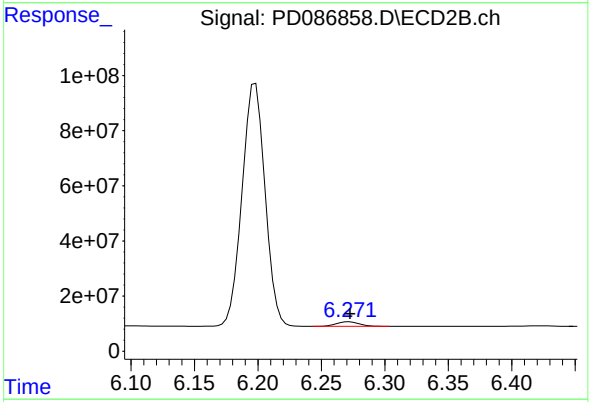
R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 1109651230
Conc: 85.83 ng/ml




#18 Endrin aldehyde

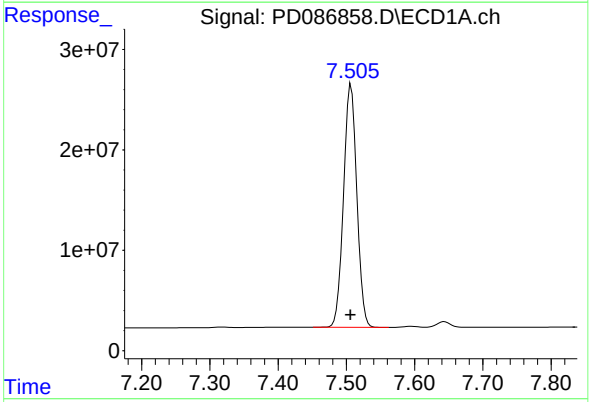
R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 3527294
Conc: 1.60 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM200



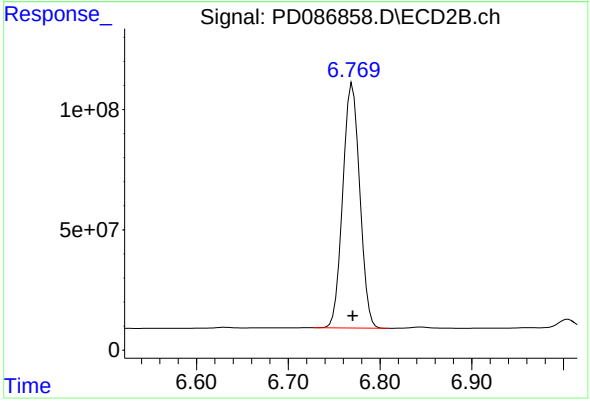

#18 Endrin aldehyde

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 20622551
Conc: 1.92 ng/ml



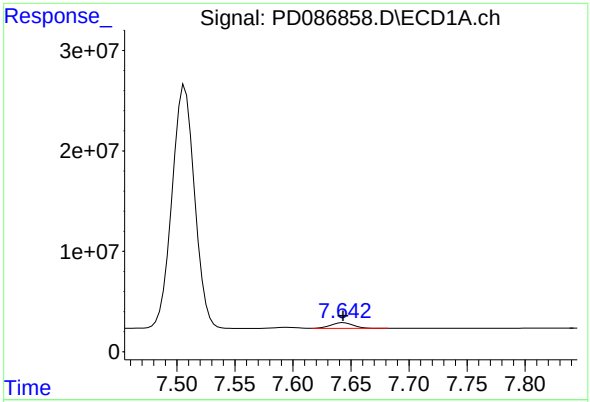

#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 327413609
Conc: 242.58 ng/ml




#20 Methoxychlor

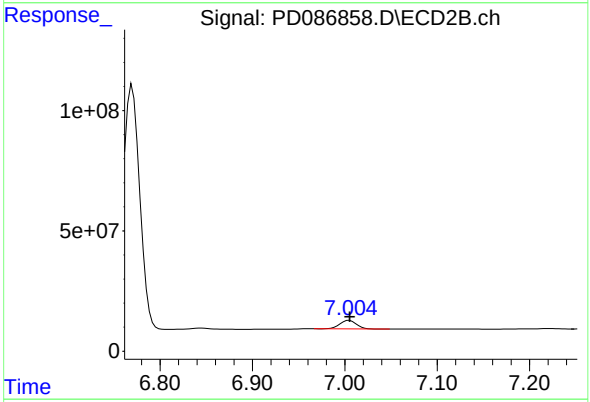
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 1307138913
Conc: 226.09 ng/ml




#21 Endrin ketone

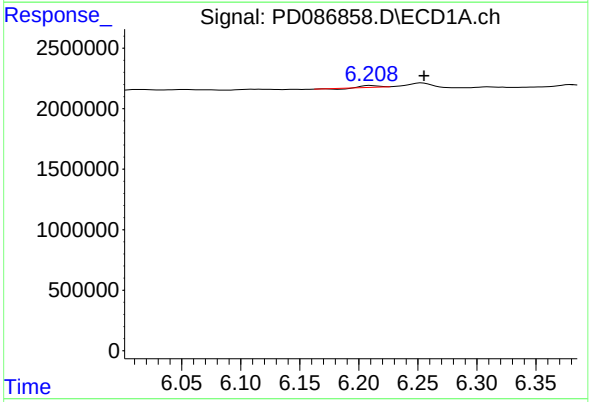
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 7564926
Conc: 2.48 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM200



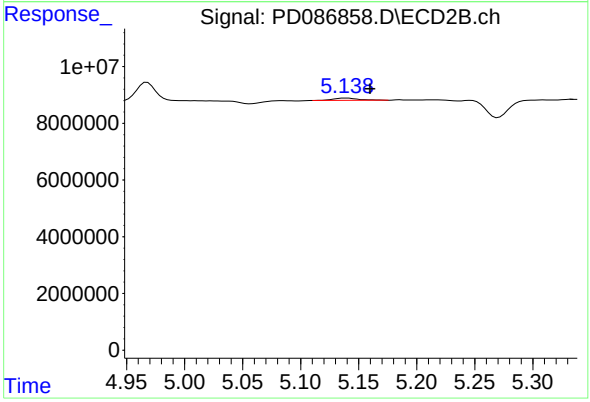

#21 Endrin ketone

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 44260959
Conc: 2.96 ng/ml



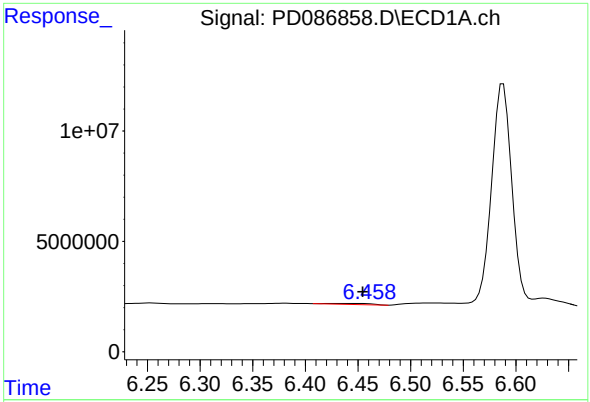

#22 Toxaphene-1

R.T.: 6.210 min
Delta R.T.: -0.045 min
Response: 90642
Conc: 4.41 ng/ml




#22 Toxaphene-1

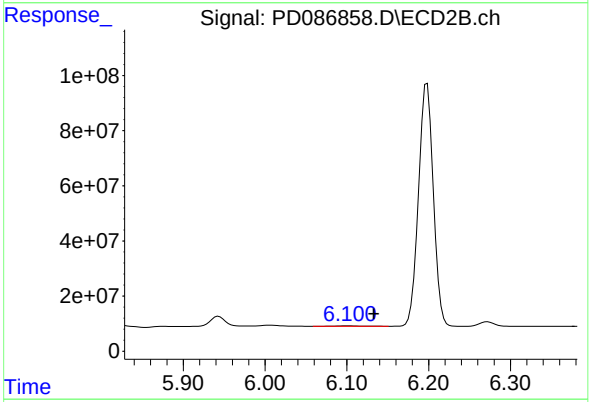
R.T.: 5.139 min
Delta R.T.: -0.021 min
Response: 1247750
Conc: 15.29 ng/ml




#23 Toxaphene-2

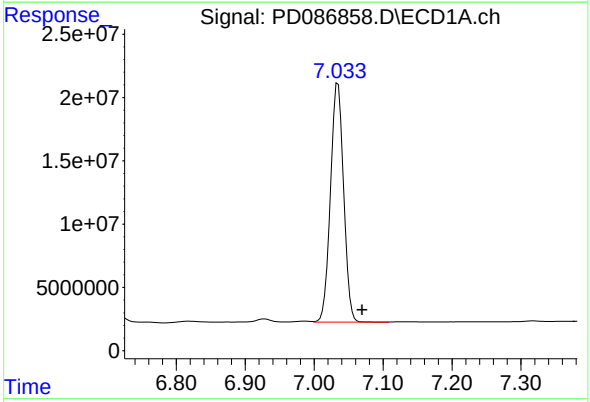
R.T.: 6.443 min
Delta R.T.: -0.011 min
Response: 1189941
Conc: 42.01 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM200



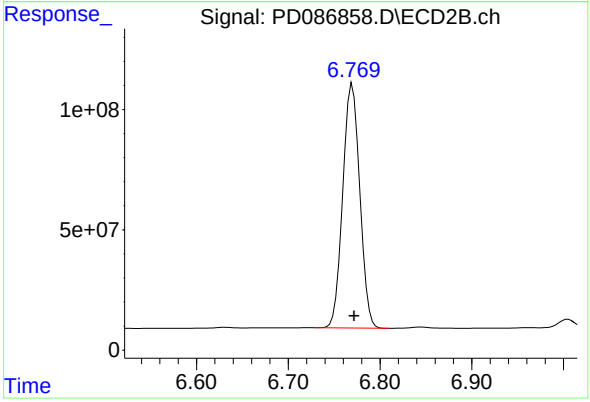

#23 Toxaphene-2

R.T.: 6.102 min
Delta R.T.: -0.031 min
Response: 4112377
Conc: 45.87 ng/ml



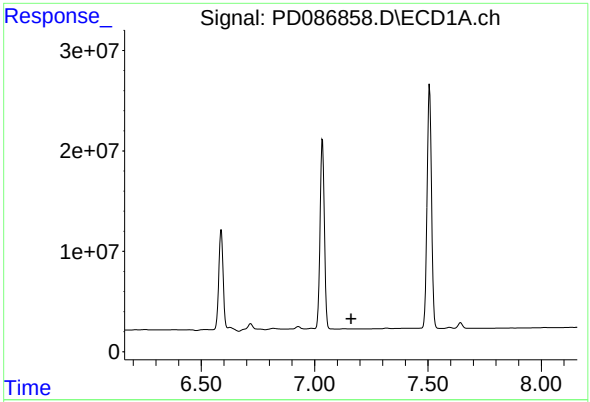

#24 Toxaphene-3

R.T.: 7.035 min
Delta R.T.: -0.035 min
Response: 249535280
Conc: 3080.84 ng/ml




#24 Toxaphene-3

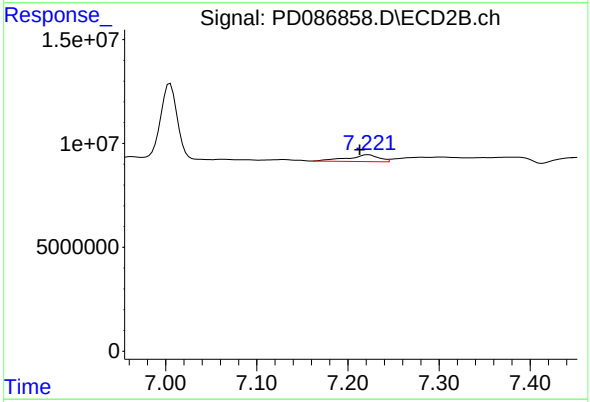
R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 1307138913
Conc: 4426.90 ng/ml




#25 Toxaphene-4

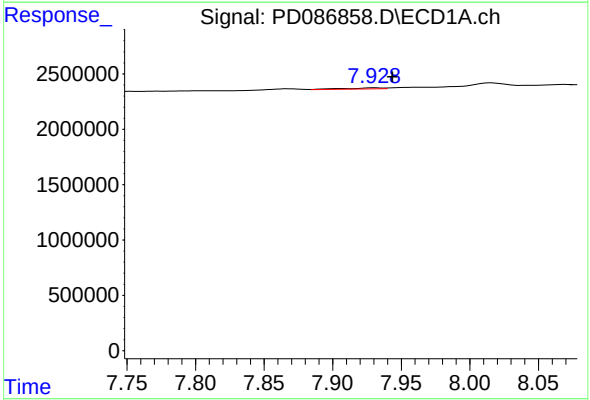
R.T.: 0.000 min
Exp R.T. : 7.162 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_D
**ClientSampleId :**
PEM200



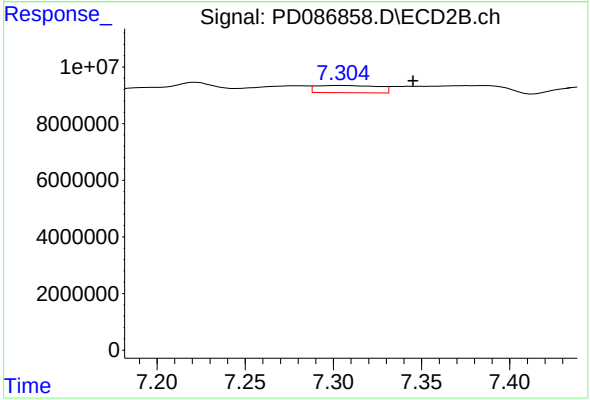

#25 Toxaphene-4

R.T.: 7.222 min
Delta R.T.: 0.009 min
Response: 7794422
Conc: 37.71 ng/ml



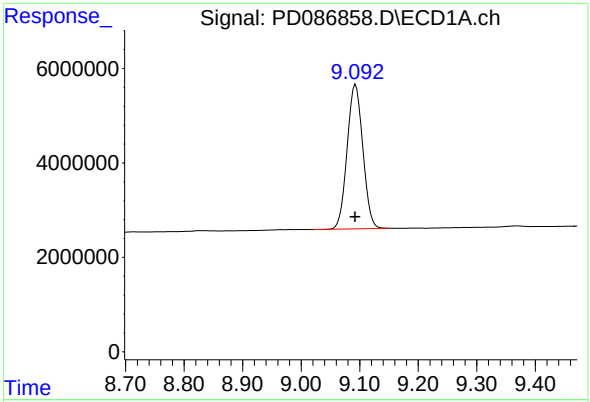

#26 Toxaphene-5

R.T.: 7.931 min
Delta R.T.: -0.013 min
Response: 186158
Conc: 4.22 ng/ml




#26 Toxaphene-5

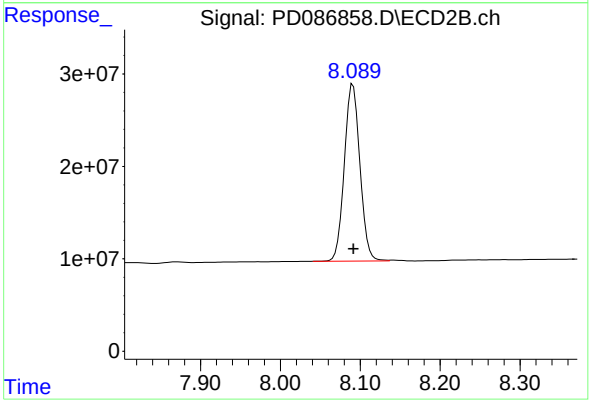
R.T.: 7.305 min
Delta R.T.: -0.040 min
Response: 6218135
Conc: 39.61 ng/ml




#27 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: 0.000 min
Response: 56988324
Conc: 21.40 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM200




#27 Decachlorobiphenyl

R.T.: 8.091 min
Delta R.T.: 0.000 min
Response: 259939306
Conc: 20.40 ng/ml