Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112524\
Data File : PD086914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2024 11:58
Operator : AR\AJ
Sample : PEM015
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
PEM002

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:05:24 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... | 3.557 | 2.884 | 37041737 | 210.9E6 | 20.143 | 18.272 | |
| 27) | SA Decachlor... | 9.089 | 8.088 | 60581009 | 257.7E6 | 22.753 | 20.220 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 4.007 | 3.397 | 33381126 | 168.5E6 | 9.481 | 9.407 | |
| 3) | MA gamma-BHC... | 4.338 | 3.735 | 33531596 | 156.0E6 | 9.628 | 9.355 | |
| 4) | MA Heptachlor | 4.961 | 0.000 | 44512 | 0 | <MDL | N.D. | # |
| 5) | MB Aldrin | 5.307 | 4.370 | 30501 | 527404 | <MDL | <MDL | # |
| 6) | B beta-BHC | 4.522 | 4.031 | 15239947 | 72211206 | 9.614 | 9.141 | |
| 7) | B delta-BHC | 4.786 | 0.000 | 203220 | 0 | <MDL | N.D. | # |
| 8) | B Heptachlo... | 5.690 | 0.000 | 400567 | 0 | 0.123 | N.D. | # |
| 9) | A Endosulfan I | 6.113 | 5.250 | 35692 | 1442952 | <MDL | <MDL | # |
| 10) | B trans-Chl... | 0.000 | 5.088f | 0 | 922895 | N.D. | <MDL | |
| 11) | B cis-Chlor... | 6.055 | 5.250f | 114031 | 1442952 | <MDL | <MDL | # |
| 12) | B 4,4'-DDE | 6.211 | 5.387 | 123580 | 452579 | <MDL | <MDL | # |
| 13) | MA Dieldrin | 6.377 | 0.000 | 143574 | 0 | <MDL | N.D. | # |
| 14) | MA Endrin | 6.584 | 5.800 | 125.5E6 | 564.7E6 | 46.438 | 40.875 | |
| 15) | B Endosulfa... | 6.815 | 6.100 | 1658681 | 2743730 | 0.598 | 0.197 | # |
| 16) | A 4,4'-DDD | 6.716 | 5.942 | 778272 | 4979696 | 0.328 | 0.412 | # |
| 17) | MA 4,4'-DDT | 7.031 | 6.195 | 260.2E6 | 1087.2E6 | 104.989 | 84.094 | |
| 18) | B Endrin al... | 6.924 | 6.270 | 3058238 | 17934359 | 1.391 | 1.671 | |
| 19) | B Endosulfa... | 7.154 | 0.000 | 114151 | 0 | <MDL | N.D. | # |
| 20) | A Methoxychlor | 7.503 | 6.768 | 339.4E6 | 1220.8E6 | 251.439 | 211.157 | |
| 21) | B Endrin ke... | 7.640 | 7.003 | 5701081 | 33894014 | 1.869 | 2.268 | |
| 22) | Toxaphene-1 | 6.211f | 0.000 | 123580 | 0 | 6.016 | N.D. | # |
| 23) | Toxaphene-2 | 6.511f | 6.100 | 138290 | 2743730 | 4.883 | 30.606 | # |
| 24) | Toxaphene-3 | 7.031f | 6.768 | 260.2E6 | 1220.8E6 | 3213.037 | 4134.469 | # |
| 25) | Toxaphene-4 | 7.154 | 7.220 | 114151 | 20139984 | 1.894 | 97.428 | # |
| 26) | Toxaphene-5 | 8.013f | 7.347 | 3275058 | 9529595 | 74.245 | 60.708 | |

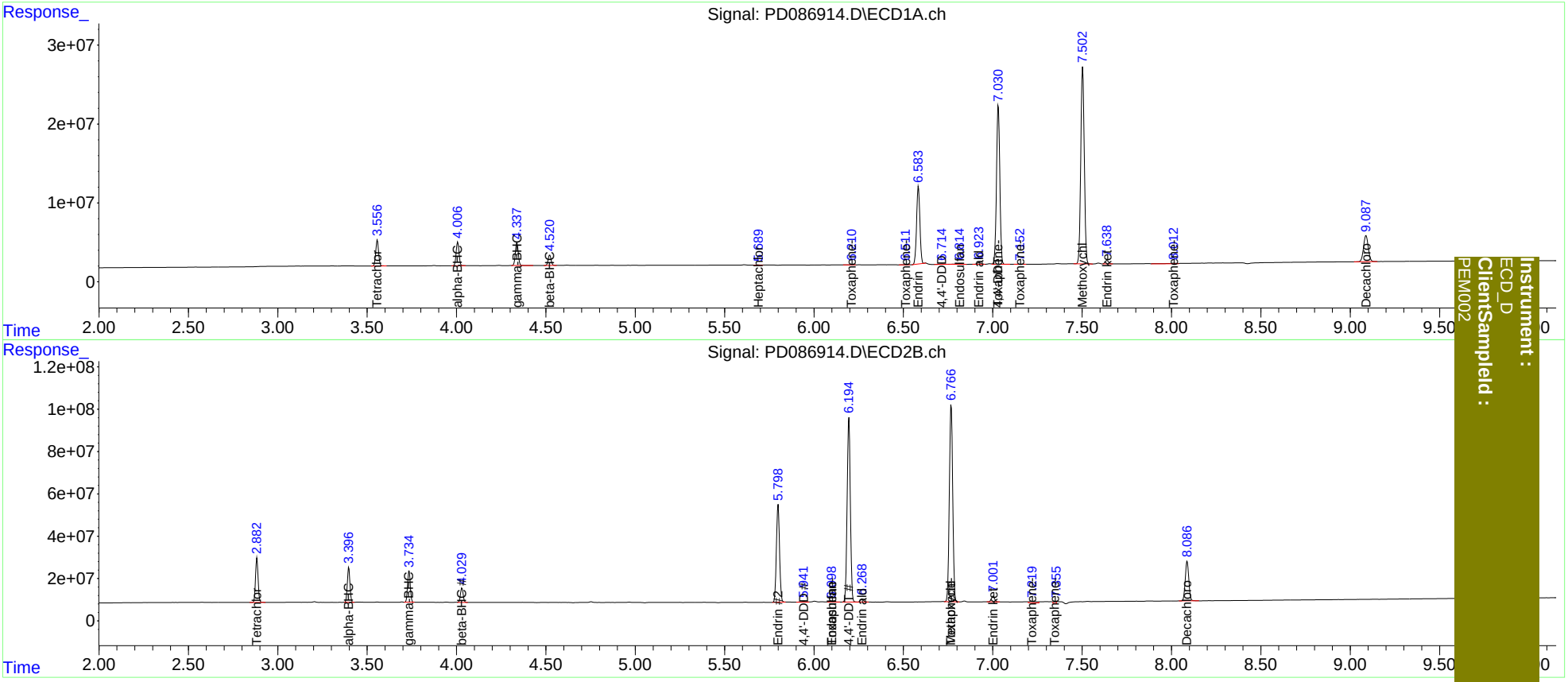
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

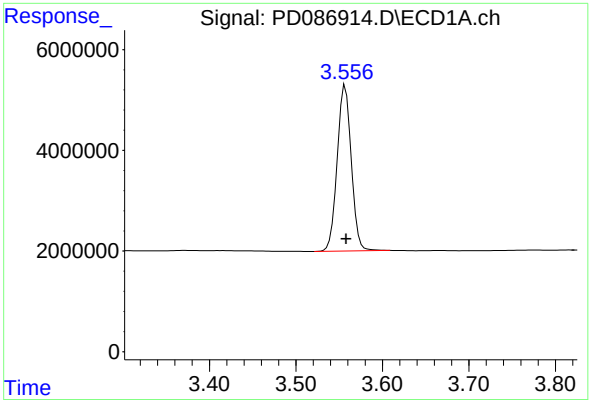
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112524\
Data File : PD086914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2024 11:58
Operator : AR\AJ
Sample : PEM015
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:05:24 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

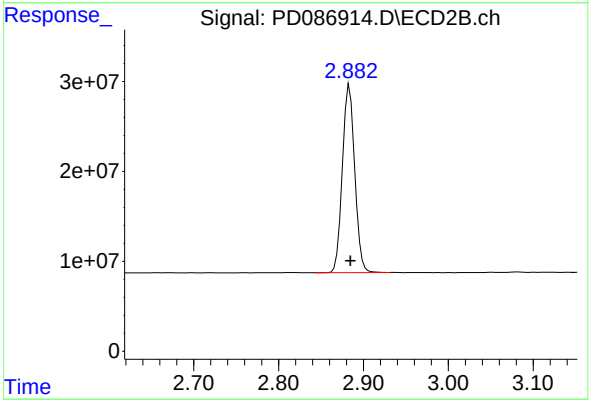





#1 Tetrachloro-m-xylene

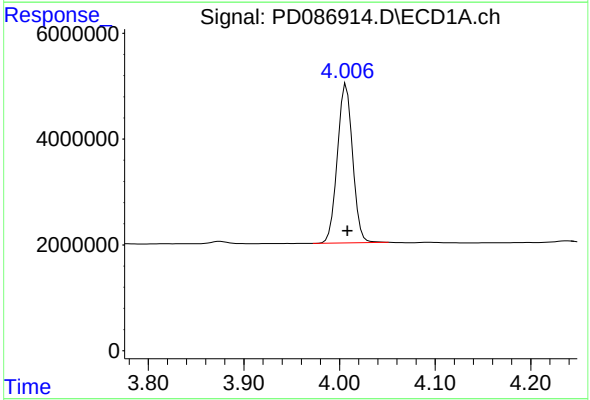
R.T.: 3.557 min
Delta R.T.: 0.000 min
Response: 37041737
Conc: 20.14 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM002



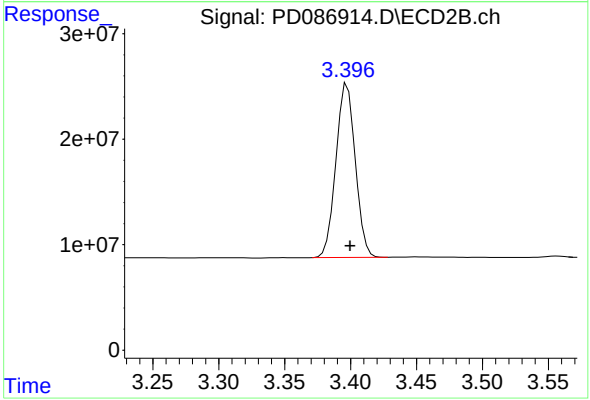

#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: -0.001 min
Response: 210872327
Conc: 18.27 ng/ml



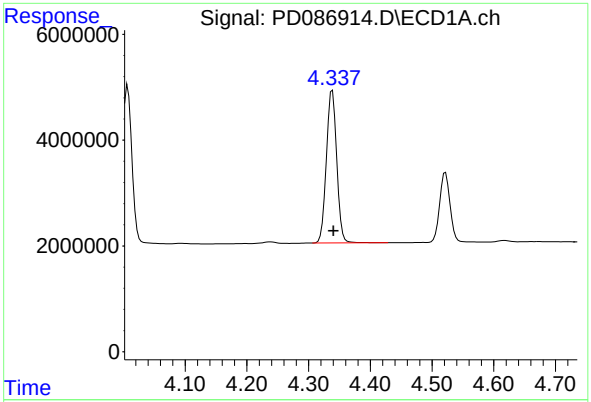

#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 33381126
Conc: 9.48 ng/ml




#2 alpha-BHC

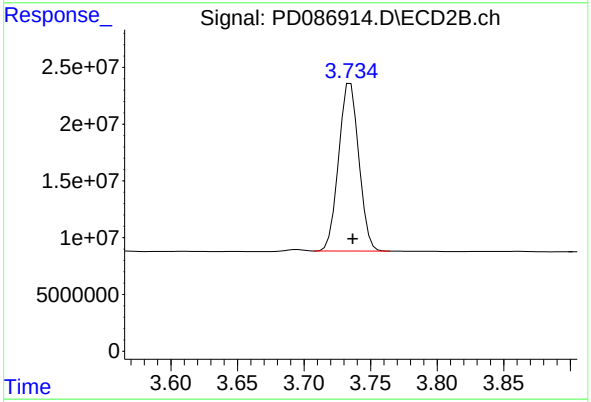
R.T.: 3.397 min
Delta R.T.: -0.002 min
Response: 168478050
Conc: 9.41 ng/ml




#3 gamma-BHC (Lindane)

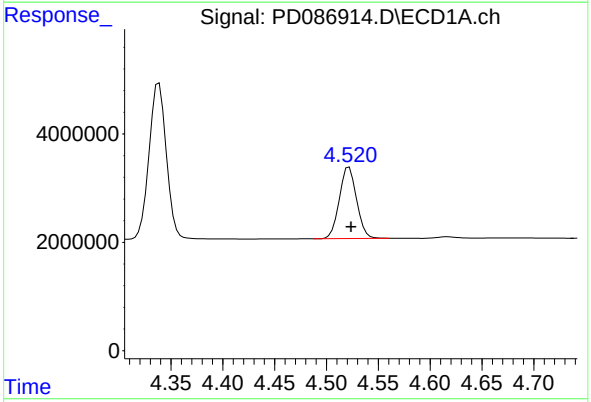
R.T.: 4.338 min
Delta R.T.: -0.002 min
Response: 33531596
Conc: 9.63 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM002



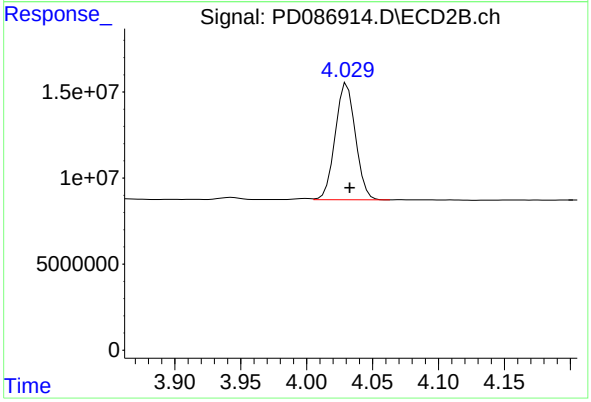

#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: -0.002 min
Response: 156030745
Conc: 9.36 ng/ml



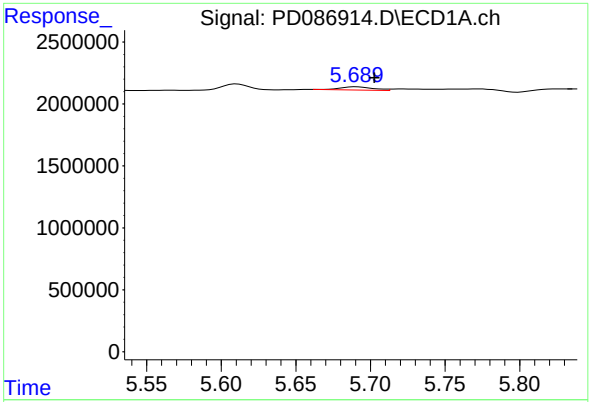

#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 15239947
Conc: 9.61 ng/ml




#6 beta-BHC

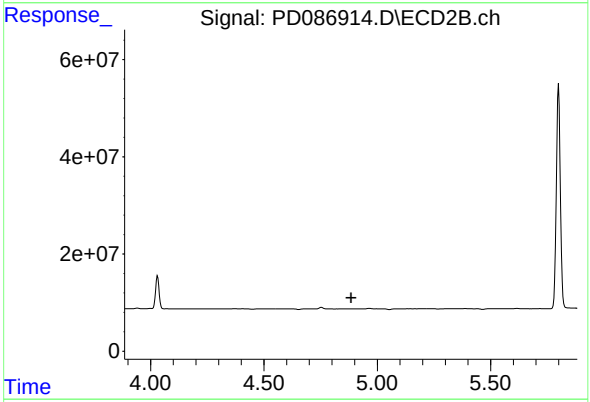
R.T.: 4.031 min
Delta R.T.: -0.002 min
Response: 72211206
Conc: 9.14 ng/ml




#8 Heptachlor epoxide

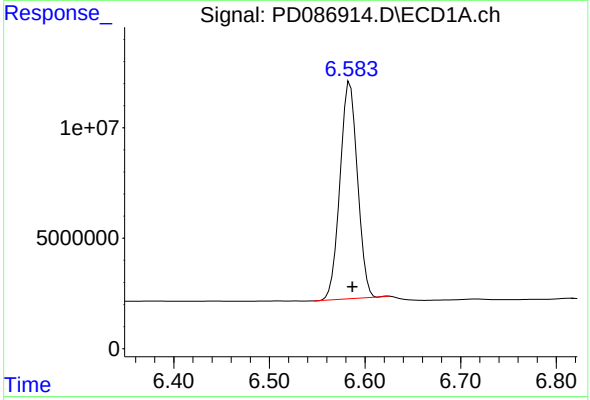
R.T.: 5.690 min
Delta R.T.: -0.012 min
Response: 400567
Conc: 0.12 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM002



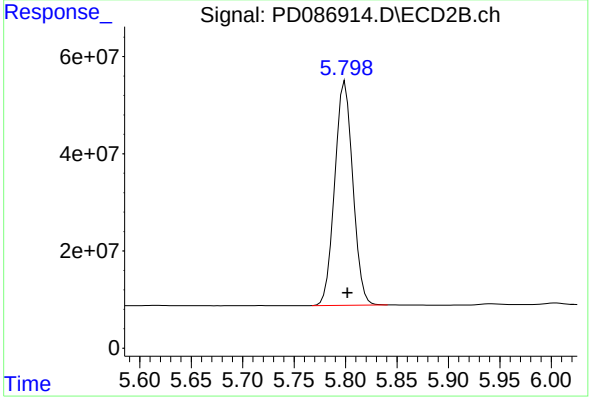

#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



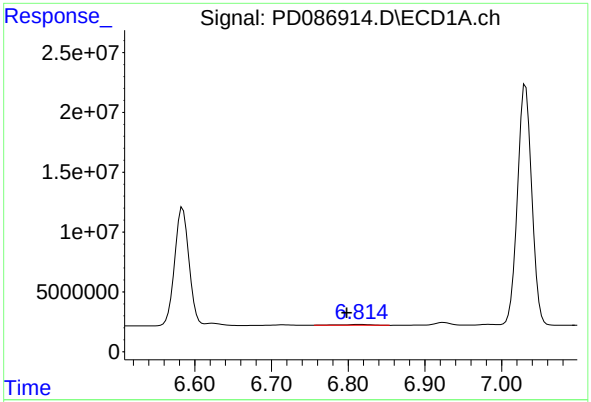

#14 Endrin

R.T.: 6.584 min
Delta R.T.: -0.003 min
Response: 125525279
Conc: 46.44 ng/ml




#14 Endrin

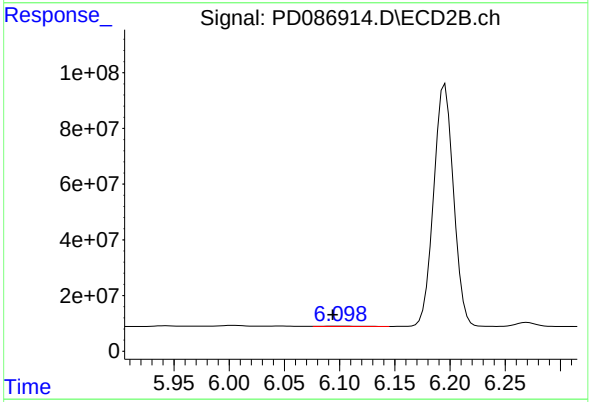
R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 564660409
Conc: 40.87 ng/ml




#15 Endosulfan II

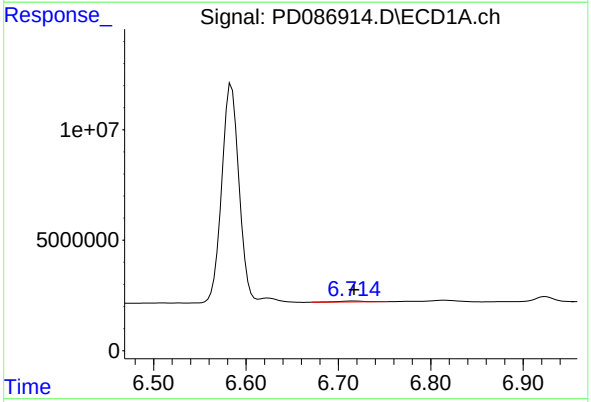
R.T.: 6.815 min
Delta R.T.: 0.017 min
Response: 1658681
Conc: 0.60 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM002



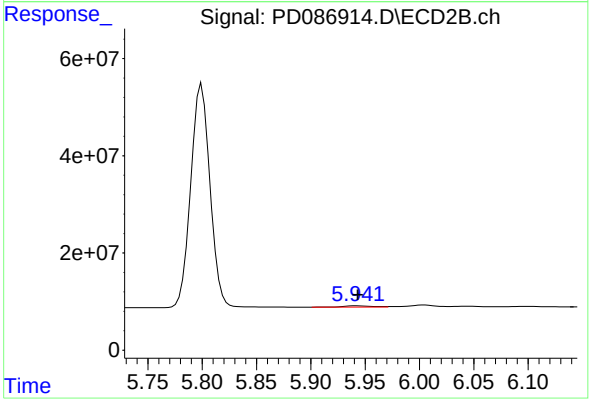

#15 Endosulfan II

R.T.: 6.100 min
Delta R.T.: 0.006 min
Response: 2743730
Conc: 0.20 ng/ml



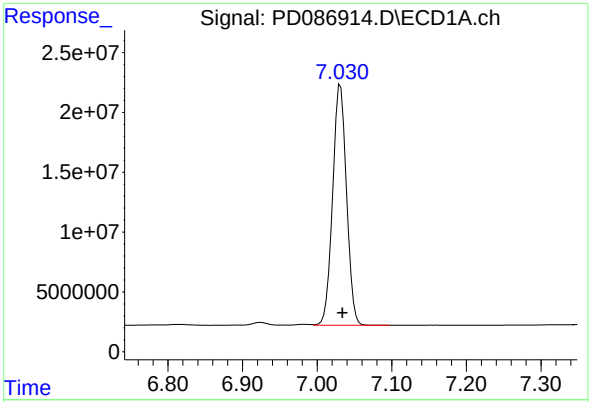

#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: -0.001 min
Response: 778272
Conc: 0.33 ng/ml




#16 4,4'-DDD

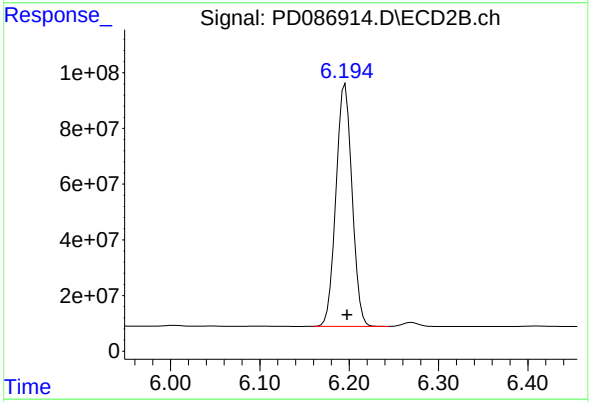
R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 4979696
Conc: 0.41 ng/ml




#17 4,4'-DDT

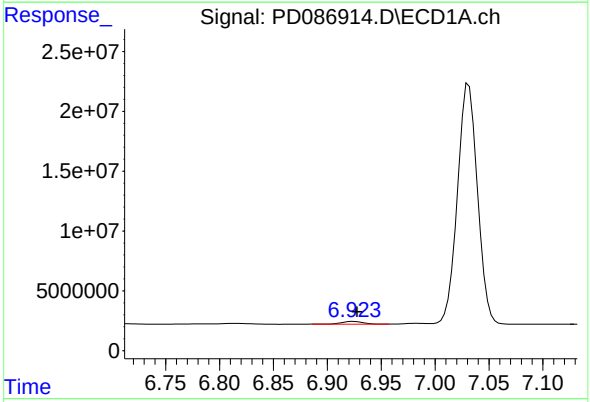
R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 260243013
Conc: 104.99 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM002



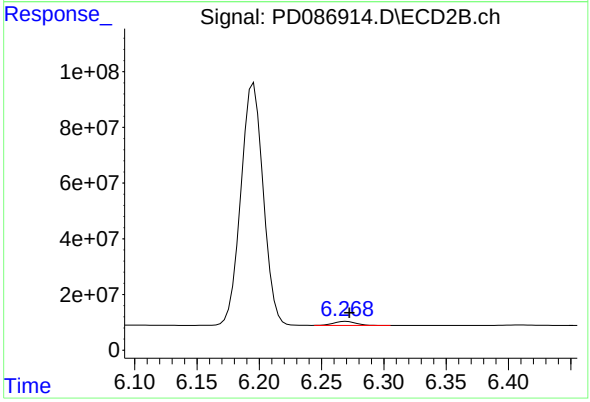

#17 4,4'-DDT

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 1087212943
Conc: 84.09 ng/ml



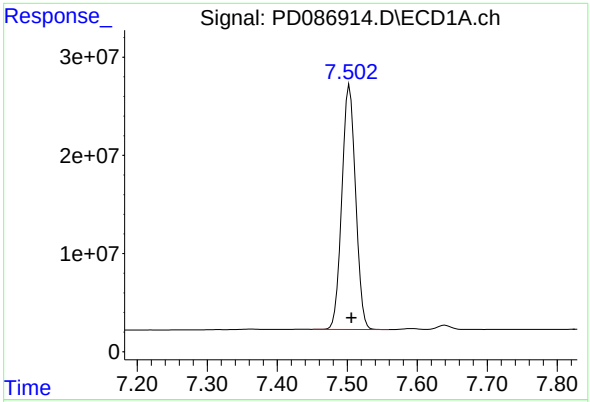

#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.003 min
Response: 3058238
Conc: 1.39 ng/ml




#18 Endrin aldehyde

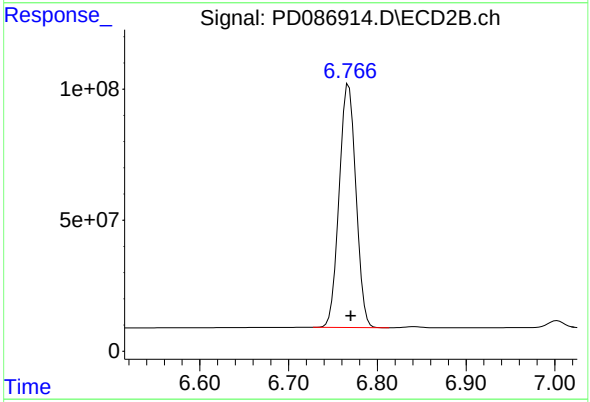
R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 17934359
Conc: 1.67 ng/ml




#20 Methoxychlor

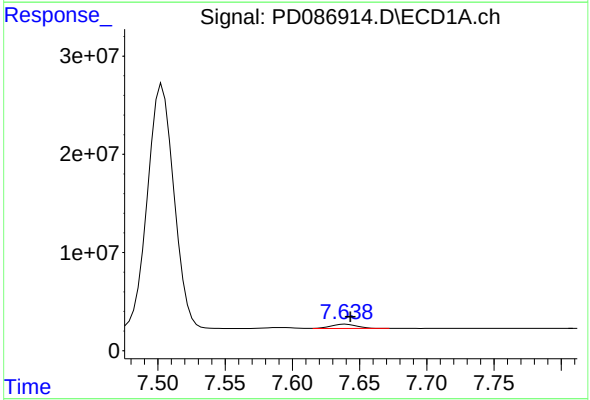
R.T.: 7.503 min
Delta R.T.: -0.003 min
Response: 339373281
Conc: 251.44 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM002



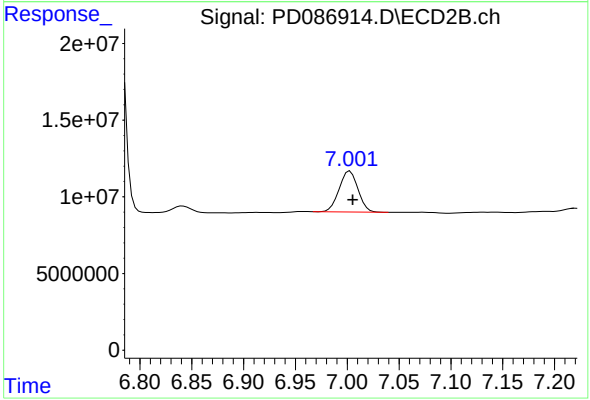

#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 1220792127
Conc: 211.16 ng/ml



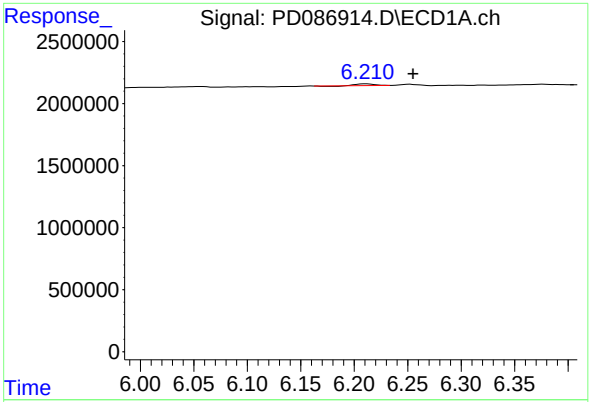

#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 5701081
Conc: 1.87 ng/ml




#21 Endrin ketone

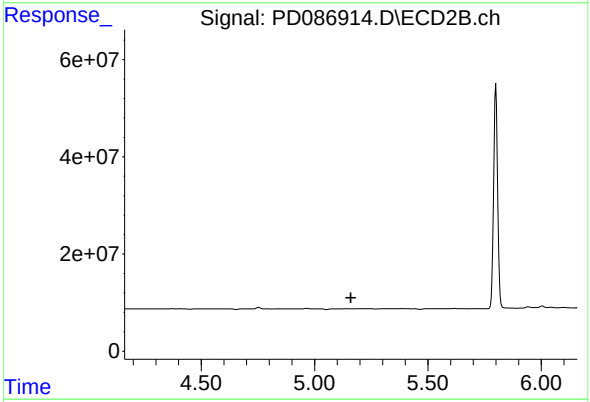
R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 33894014
Conc: 2.27 ng/ml




#22 Toxaphene-1

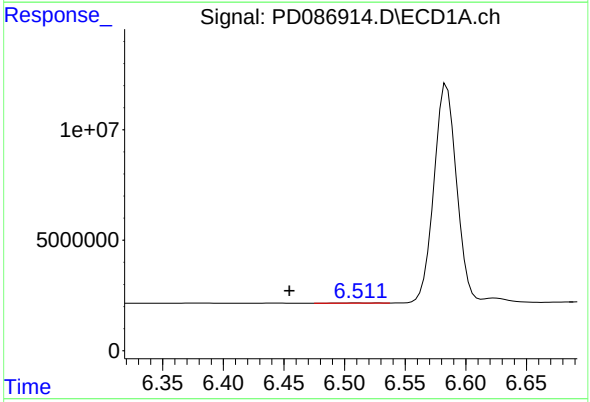
R.T.: 6.211 min
Delta R.T.: -0.044 min
Response: 123580
Conc: 6.02 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM002



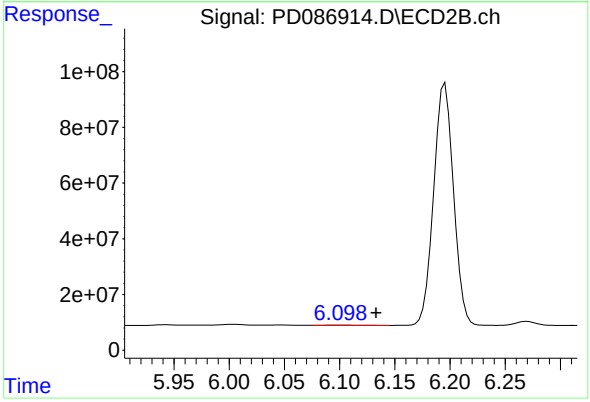

#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



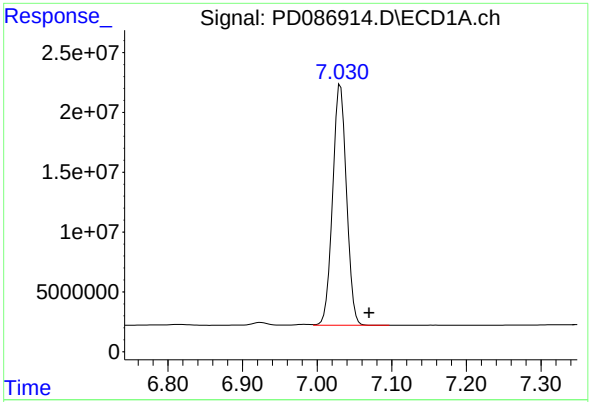

#23 Toxaphene-2

R.T.: 6.511 min
Delta R.T.: 0.057 min
Response: 138290
Conc: 4.88 ng/ml




#23 Toxaphene-2

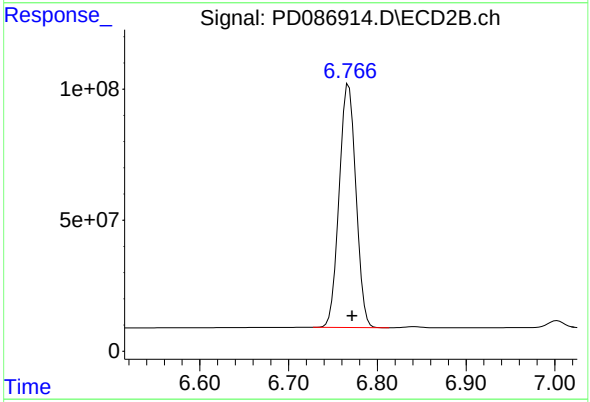
R.T.: 6.100 min
Delta R.T.: -0.033 min
Response: 2743730
Conc: 30.61 ng/ml




#24 Toxaphene-3

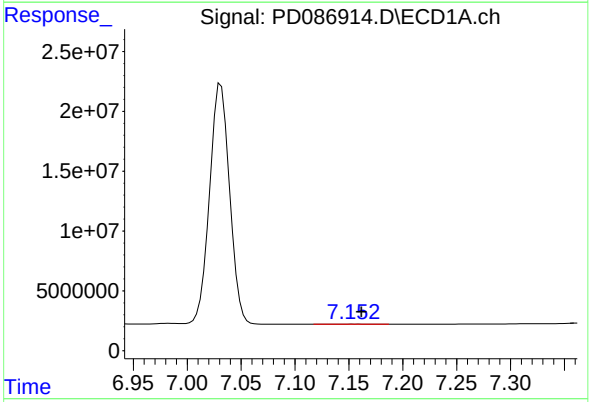
R.T.: 7.031 min
Delta R.T.: -0.038 min
Response: 260243013
Conc: 3213.04 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM002



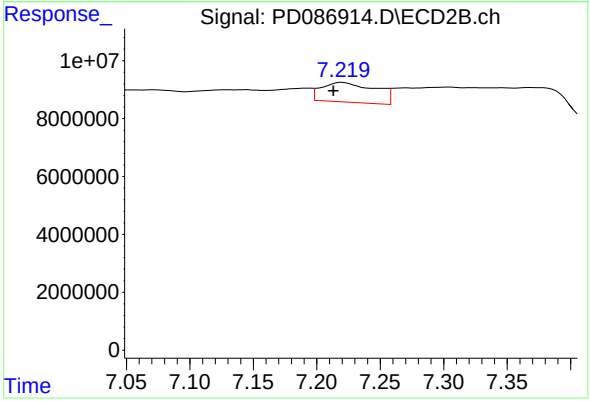

#24 Toxaphene-3

R.T.: 6.768 min
Delta R.T.: -0.004 min
Response: 1220792127
Conc: 4134.47 ng/ml



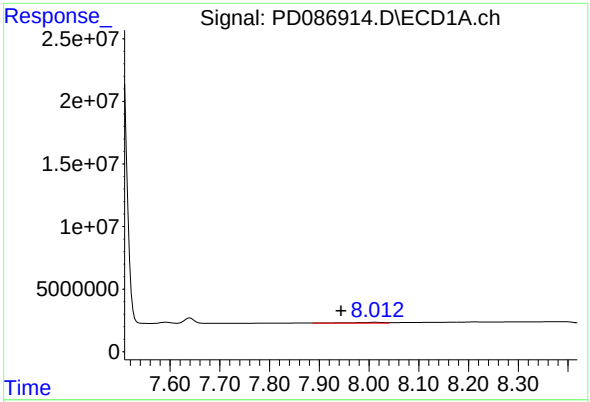

#25 Toxaphene-4

R.T.: 7.154 min
Delta R.T.: -0.008 min
Response: 114151
Conc: 1.89 ng/ml




#25 Toxaphene-4

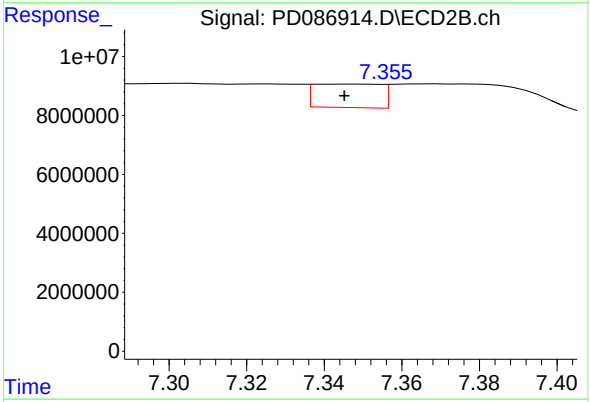
R.T.: 7.220 min
Delta R.T.: 0.007 min
Response: 20139984
Conc: 97.43 ng/ml




#26 Toxaphene-5

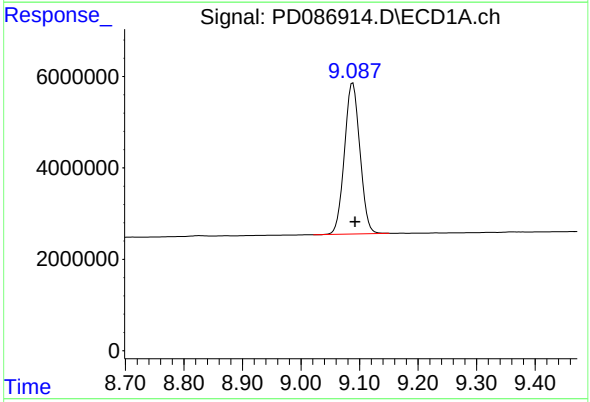
R.T.: 8.013 min
Delta R.T.: 0.069 min
Response: 3275058
Conc: 74.25 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM002



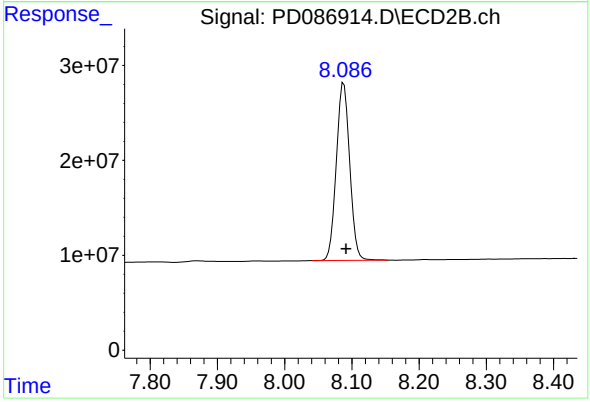

#26 Toxaphene-5

R.T.: 7.347 min
Delta R.T.: 0.002 min
Response: 9529595
Conc: 60.71 ng/ml




#27 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: -0.004 min
Response: 60581009
Conc: 22.75 ng/ml




#27 Decachlorobiphenyl

R.T.: 8.088 min
Delta R.T.: -0.004 min
Response: 257707406
Conc: 20.22 ng/ml