Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100622\
Data File : PD072265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Oct 2022 20:28
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 00:42:52 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
Quant Title : GC Extractables
QLast Update : Wed Oct 05 15:15:26 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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... | 2.744 | 3.498 | 45470426 | 662.1E6 | 18.119 | 18.263 | |
| 28) | SA Decachlor... | 7.919 | 8.985 | 44769774 | 202.1E6 | 17.562 | 20.111 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 3.236 | 3.959 | 673149 | 4038392 | 0.168 | 0.079 | # |
| 3) | MA gamma-BHC... | 0.000 | 4.299 | 0 | 11429025 | N.D. | 0.276 | # |
| 4) | MA Heptachlor | 0.000 | 4.857 | 0 | 24201746 | N.D. | 0.804 | # |
| 5) | MB Aldrin | 4.214 | 5.199 | 867336 | 2376338 | 0.245 | 0.098 | # |
| 6) | B beta-BHC | 3.889 | 4.508 | 708239 | 16617958 | N.D. | 0.997 | |
| 7) | B delta-BHC | 0.000 | 4.777f | 0 | 13864175 | N.D. | 0.468 | # |
| 8) | B Heptachlo... | 0.000 | 5.639 | 0 | 6300999 | N.D. | 0.332 | # |
| 9) | A Endosulfan I | 0.000 | 6.024 | 0 | 1940515 | N.D. | 0.114 | # |
| 10) | B gamma-Chl... | 4.966 | 5.887 | 240957 | 2947754 | 0.073 | 0.159 | # |
| 11) | B alpha-Chl... | 0.000 | 5.954f | 0 | 4716163 | N.D. | 0.263 | # |
| 12) | B 4,4'-DDE | 5.218 | 6.145 | 297263 | 2001432 | 0.098 | 0.113 | |
| 13) | MA Dieldrin | 5.352 | 6.285f | 52290 | 1723690 | 0.017 | 0.099 | # |
| 14) | MA Endrin | 5.643f | 0.000 | 2113805 | 0 | 0.779 | N.D. | # |
| 15) | B Endosulfa... | 0.000 | 6.766 | 0 | 12801381 | N.D. | 0.948 | # |
| 17) | MA 4,4'-DDT | 6.027 | 6.980 | 418299 | 16526474 | 0.160 | 1.171 | # |
| 18) | B Endrin al... | 6.105 | 0.000 | 302166 | 0 | 0.142 | N.D. | # |
| 19) | B Endosulfa... | 0.000 | 7.112 | 0 | 4836345 | N.D. | 0.382 | # |
| 20) | A Methoxychlor | 6.612 | 7.449 | 140316 | 4064634 | 0.091 | 0.586 | # |
| 21) | B Endrin ke... | 6.831 | 0.000 | 154799 | 0 | 0.049 | N.D. | # |
| 22) | Mirex | 0.000 | 8.064 | 0 | 2617316 | N.D. | 0.282 | # |
| 23) | Chlordane-1 | 3.758 | 0.000 | 813851 | 0 | 8.074 | N.D. | # |
| 24) | Chlordane-2 | 4.310f | 5.199 | 185982 | 2376338 | 1.614 | 2.736 | # |
| 25) | Chlordane-3 | 4.966 | 5.887 | 240957 | 2947754 | 0.760 | 1.168 | # |
| 26) | Chlordane-4 | 0.000 | 5.954f | 0 | 4716163 | N.D. | 1.650 | # |
| 27) | Chlordane-5 | 5.956f | 6.821 | 504814 | 2592081 | 4.875 | 4.834 | |

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

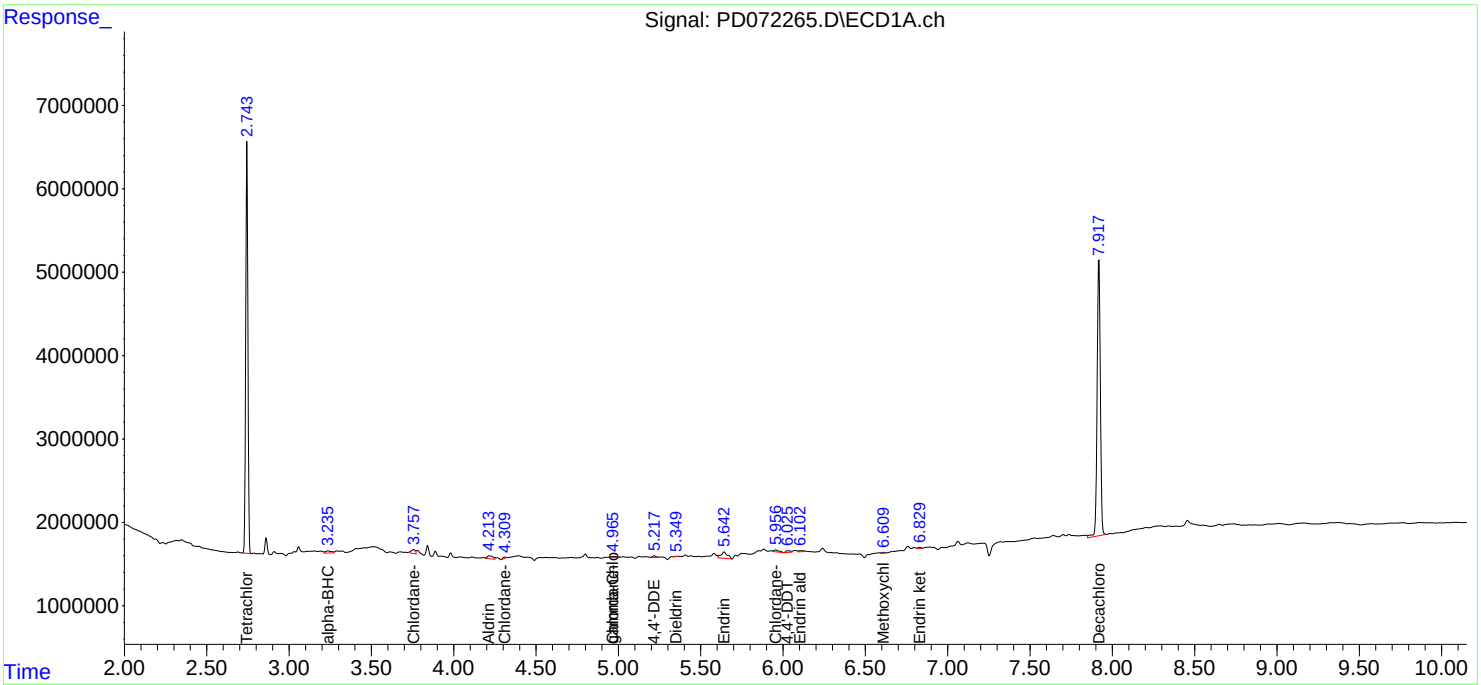
Quantitation Report (Not Reviewed)

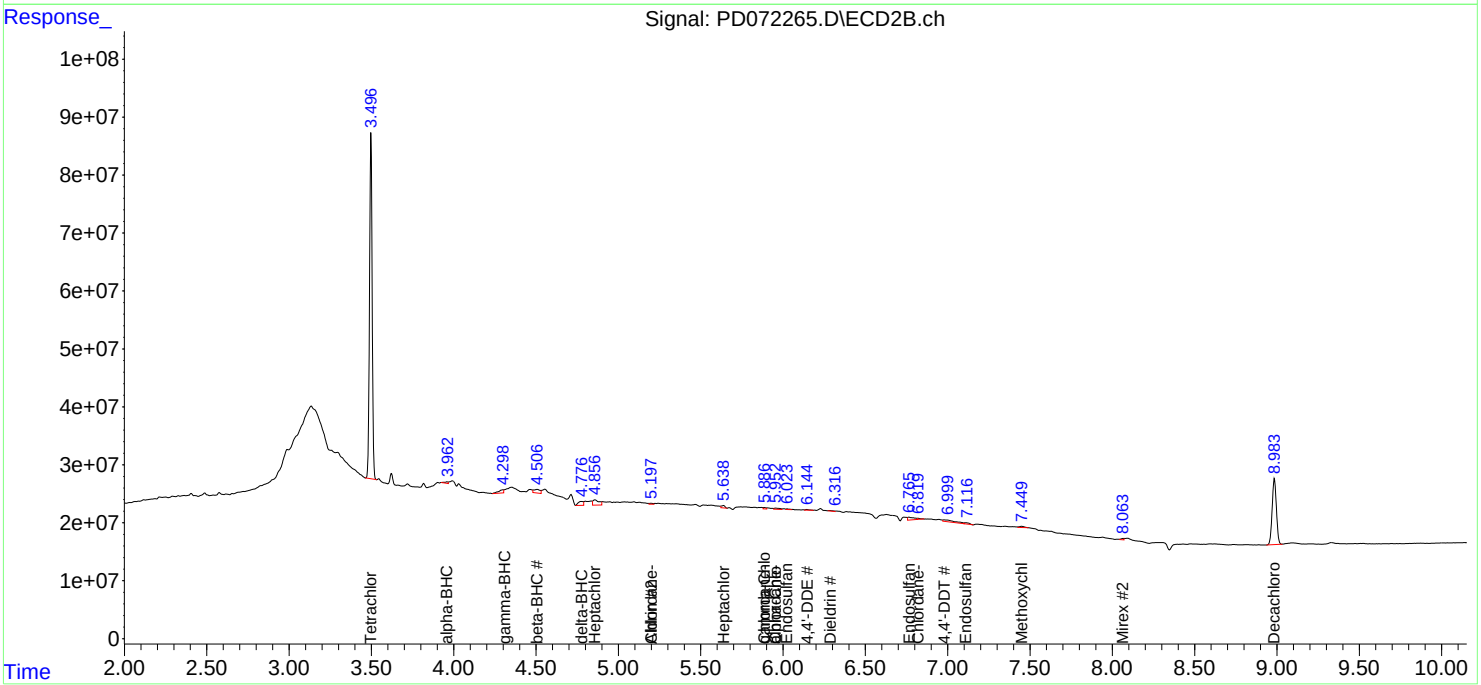
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100622\
Data File : PD072265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Oct 2022 20:28
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

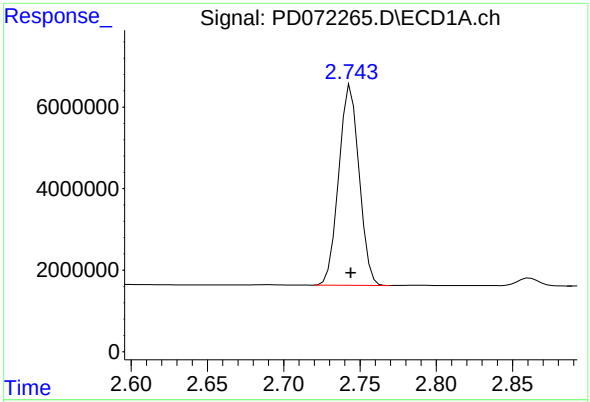
**Instrument :**
ECD_L
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 00:42:52 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
Quant Title : GC Extractables
QLast Update : Wed Oct 05 15:15:26 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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



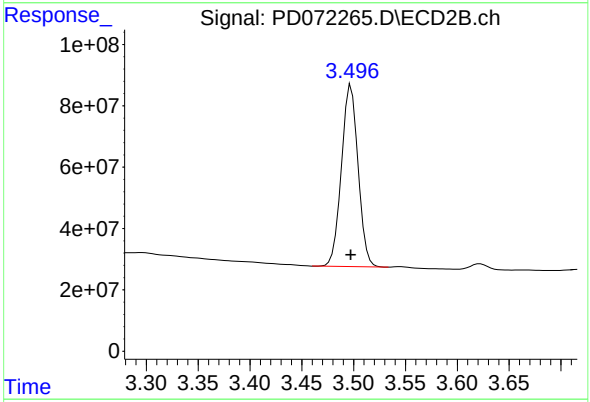






#1 Tetrachloro-m-xylene

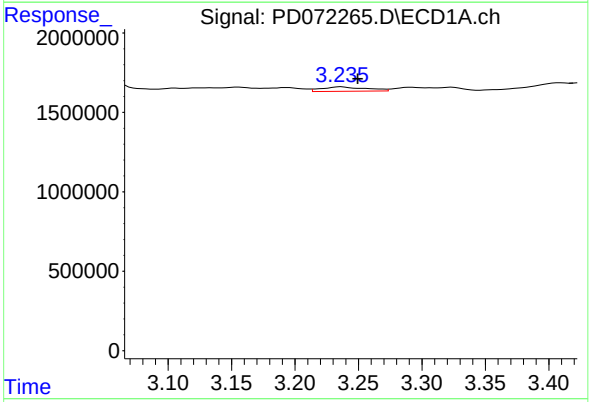
R.T.: 2.744 min
Delta R.T.: 0.000 min
Response: 45470426
Conc: 18.12 ng/ml

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



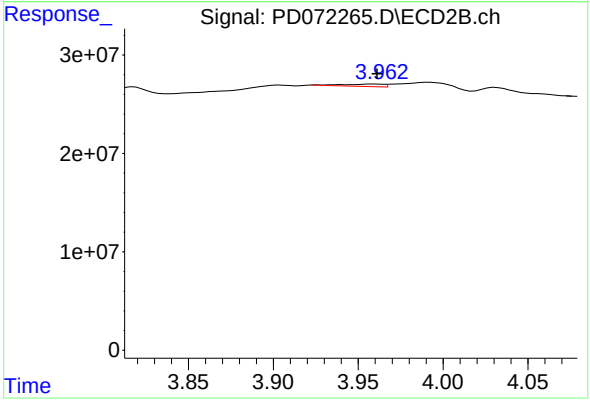

#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 662064186
Conc: 18.26 ng/ml



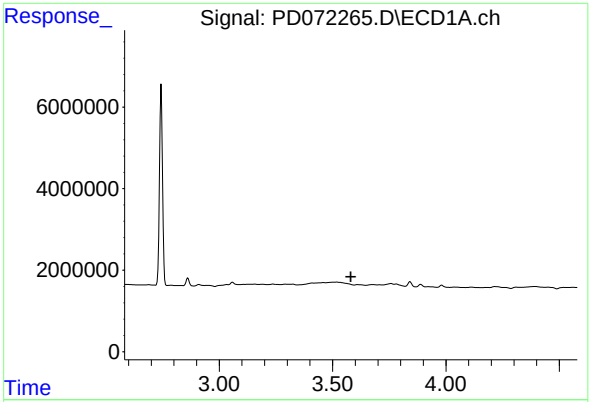

#2 alpha-BHC

R.T.: 3.236 min
Delta R.T.: -0.013 min
Response: 673149
Conc: 0.17 ng/ml




#2 alpha-BHC

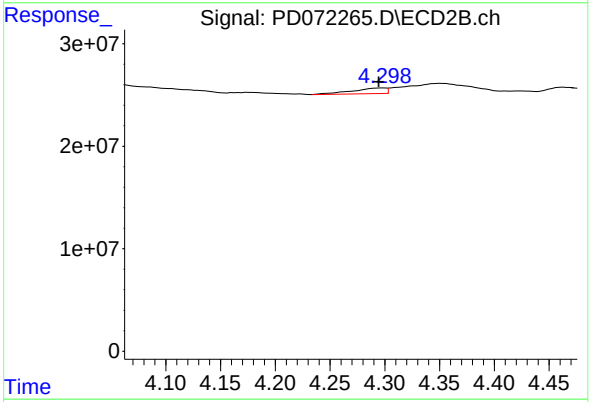
R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 4038392
Conc: 0.08 ng/ml




#3 gamma-BHC (Lindane)

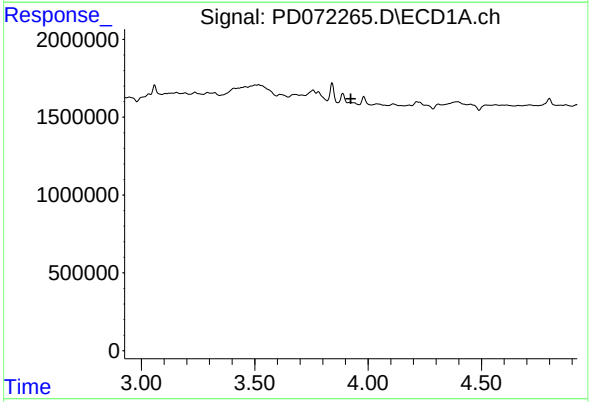
R.T.: 0.000 min
Exp R.T. : 3.580 min
Response: 0
Conc: N.D.

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



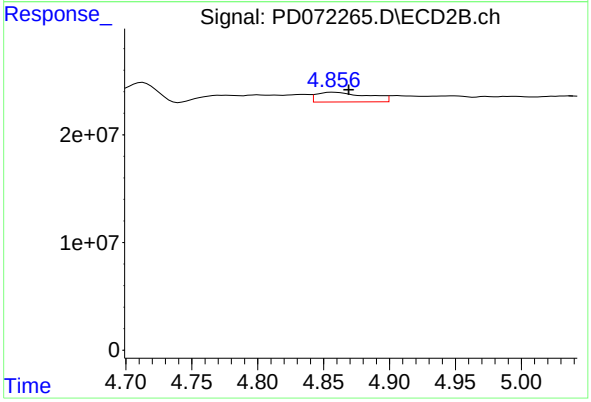

#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: 0.005 min
Response: 11429025
Conc: 0.28 ng/ml



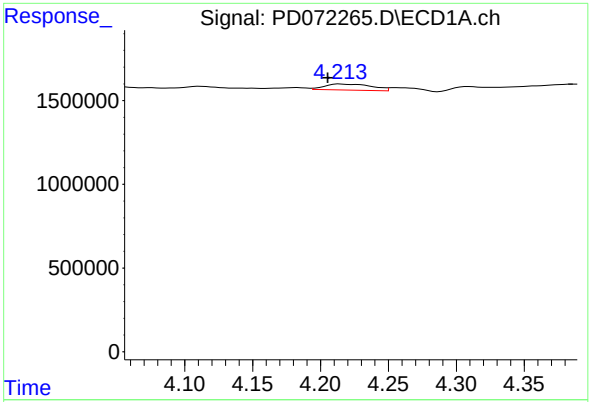

#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 3.924 min
Response: 0
Conc: N.D.




#4 Heptachlor

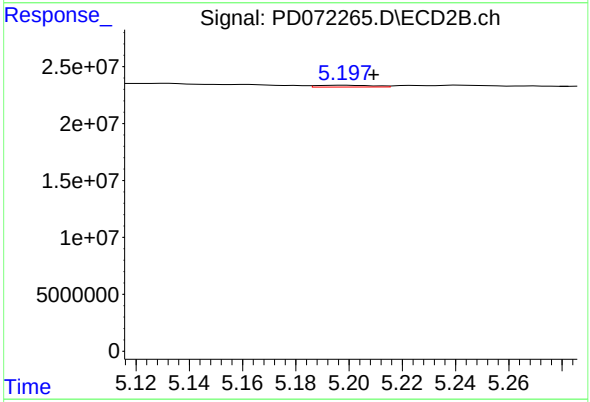
R.T.: 4.857 min
Delta R.T.: -0.012 min
Response: 24201746
Conc: 0.80 ng/ml




#5 Aldrin

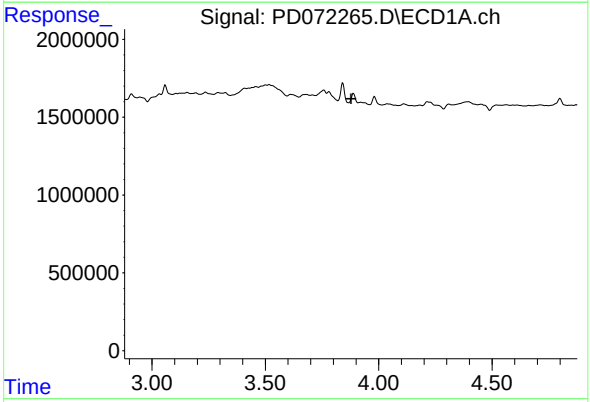
R.T.: 4.214 min
Delta R.T.: 0.009 min
Response: 867336
Conc: 0.25 ng/ml

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



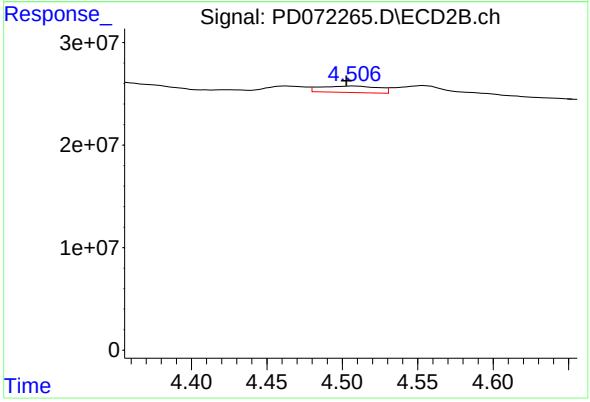

#5 Aldrin

R.T.: 5.199 min
Delta R.T.: -0.011 min
Response: 2376338
Conc: 0.10 ng/ml



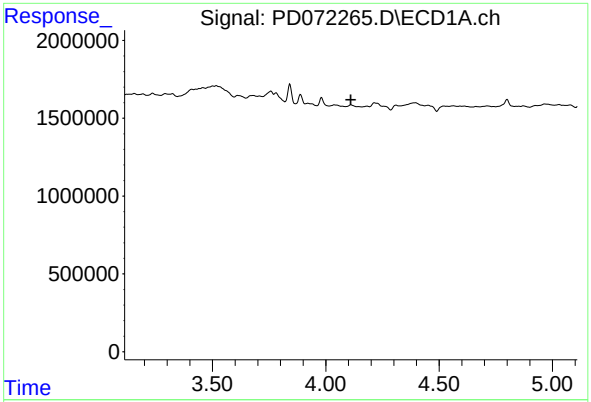

#6 beta-BHC

R.T.: 3.889 min
Delta R.T.: 0.010 min
Response: 708239
Conc: N.D.




#6 beta-BHC

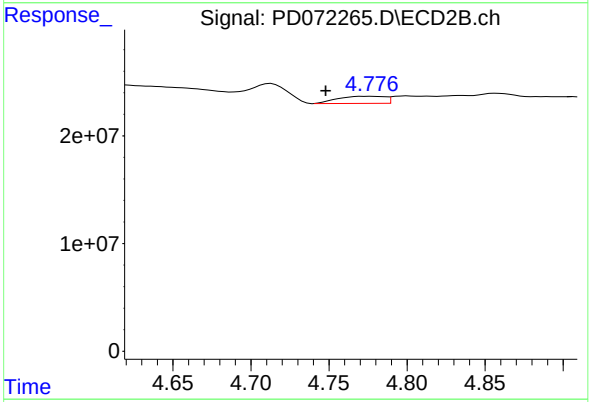
R.T.: 4.508 min
Delta R.T.: 0.005 min
Response: 16617958
Conc: 1.00 ng/ml




#7 delta-BHC

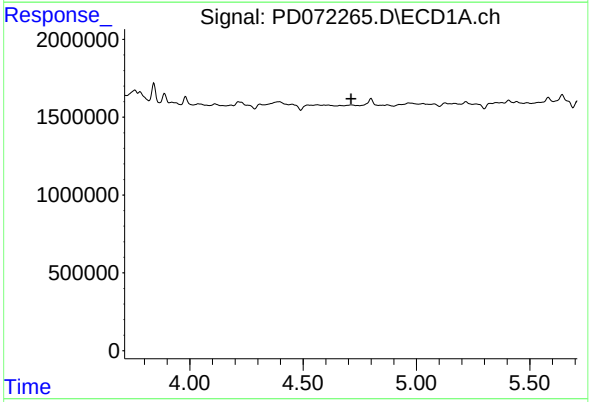
R.T.: 0.000 min
Exp R.T. : 4.110 min
Response: 0
Conc: N.D.

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



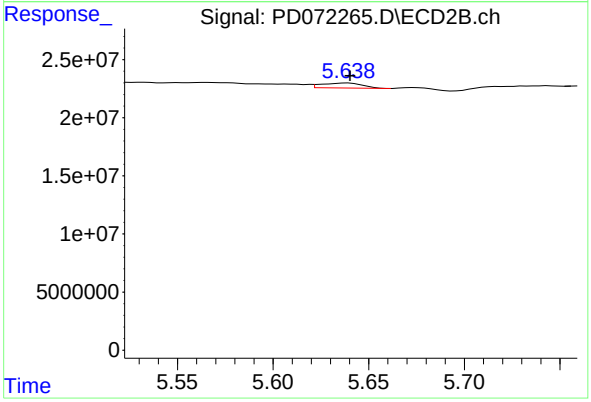

#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.029 min
Response: 13864175
Conc: 0.47 ng/ml



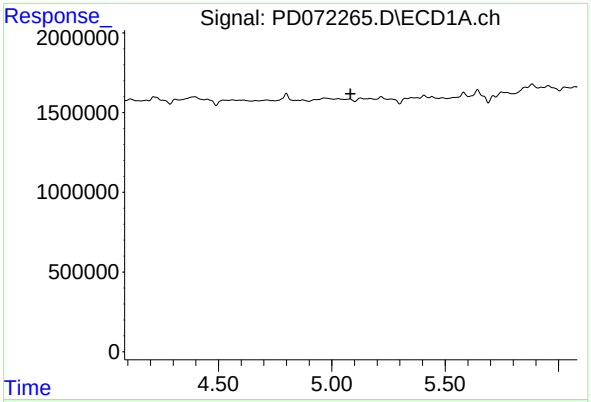

#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.




#8 Heptachlor epoxide

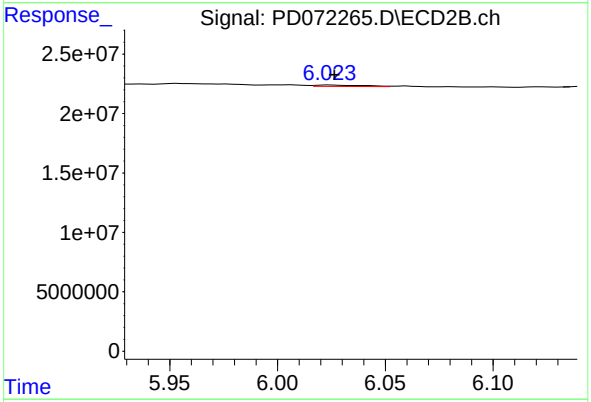
R.T.: 5.639 min
Delta R.T.: -0.001 min
Response: 6300999
Conc: 0.33 ng/ml




#9 Endosulfan I

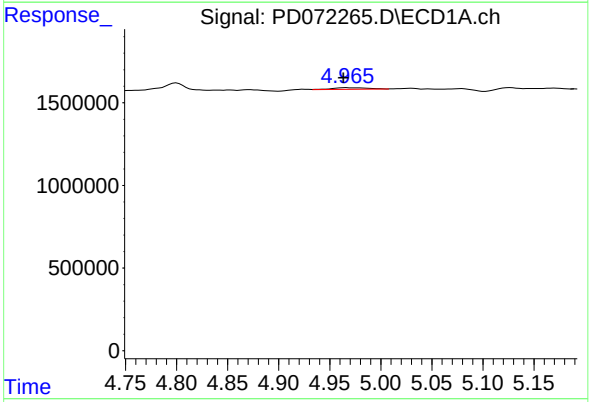
R.T.: 0.000 min
Exp R.T. : 5.083 min
Response: 0
Conc: N.D.

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



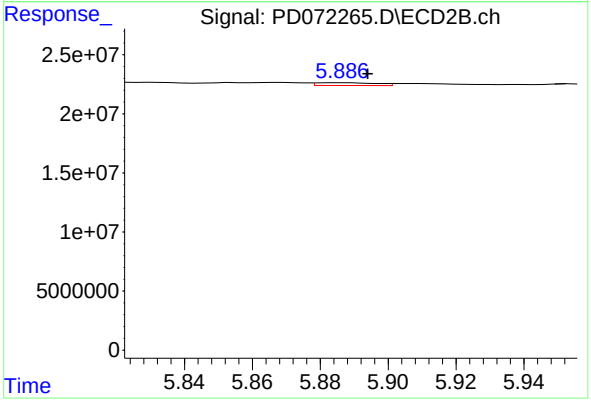

#9 Endosulfan I

R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 1940515
Conc: 0.11 ng/ml



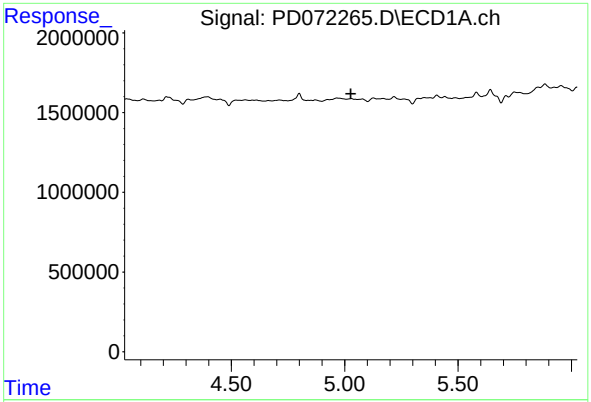

#10 gamma-Chlordane

R.T.: 4.966 min
Delta R.T.: 0.003 min
Response: 240957
Conc: 0.07 ng/ml




#10 gamma-Chlordane

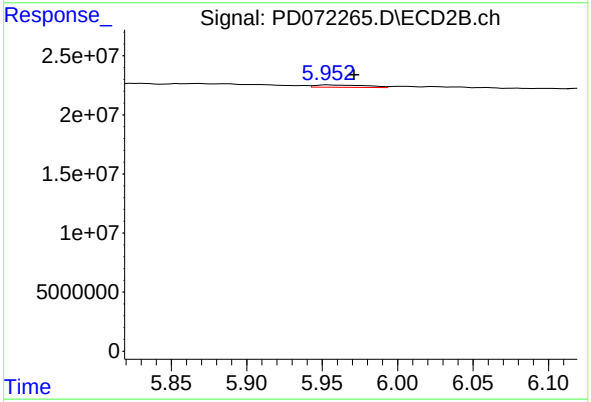
R.T.: 5.887 min
Delta R.T.: -0.007 min
Response: 2947754
Conc: 0.16 ng/ml




#11 alpha-Chlordane

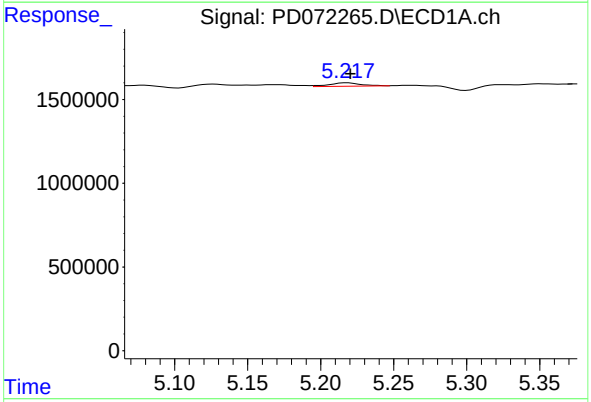
R.T.: 0.000 min
Exp R.T. : 5.028 min
Response: 0
Conc: N.D.

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



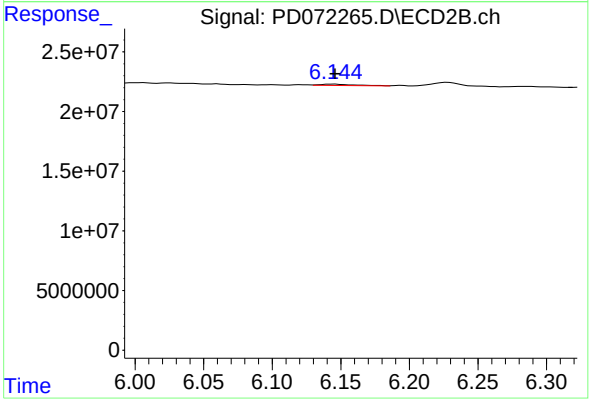

#11 alpha-Chlordane

R.T.: 5.954 min
Delta R.T.: -0.017 min
Response: 4716163
Conc: 0.26 ng/ml



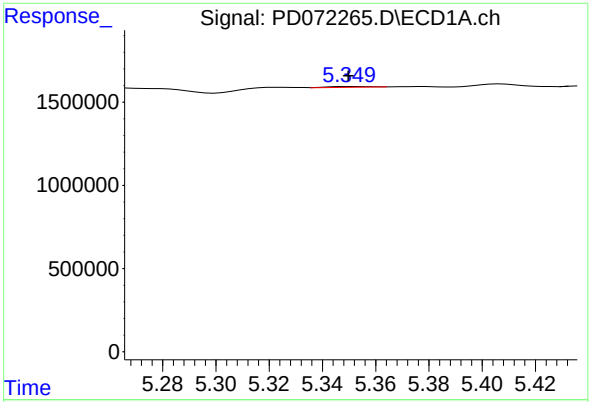

#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.002 min
Response: 297263
Conc: 0.10 ng/ml




#12 4,4'-DDE

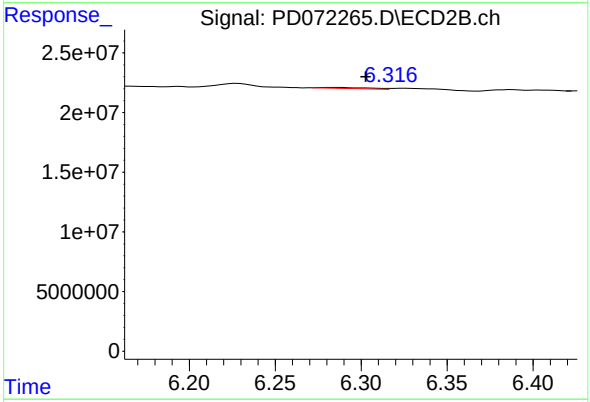
R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 2001432
Conc: 0.11 ng/ml




#13 Dieldrin

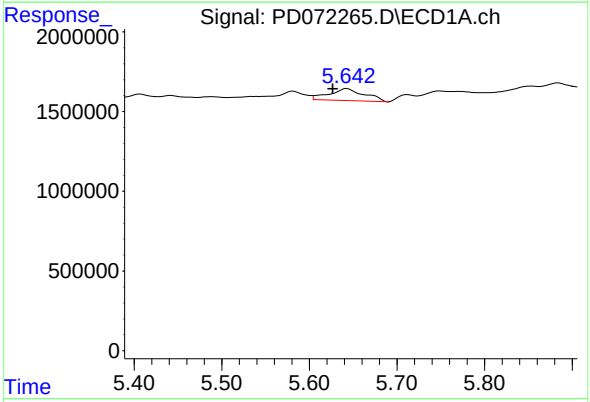
R.T.: 5.352 min
Delta R.T.: 0.002 min
Response: 52290
Conc: 0.02 ng/ml

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



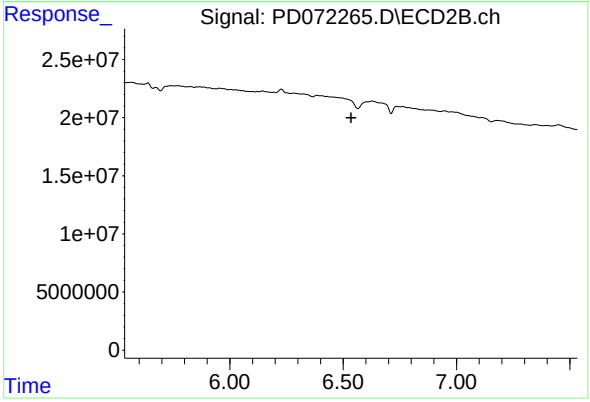

#13 Dieldrin

R.T.: 6.285 min
Delta R.T.: -0.017 min
Response: 1723690
Conc: 0.10 ng/ml



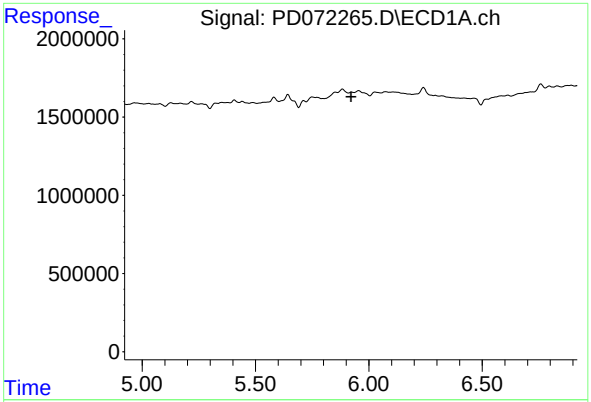

#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.017 min
Response: 2113805
Conc: 0.78 ng/ml




#14 Endrin

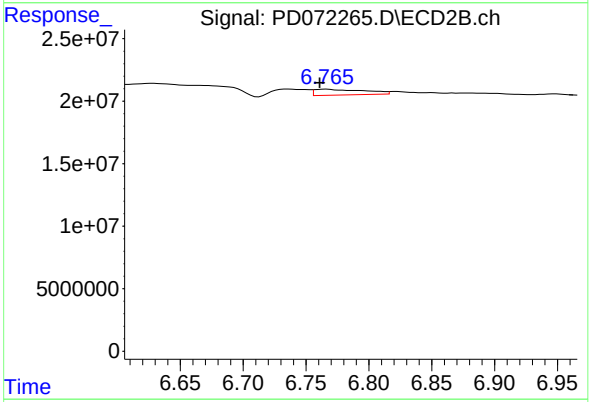
R.T.: 0.000 min
Exp R.T. : 6.535 min
Response: 0
Conc: N.D.




#15 Endosulfan II

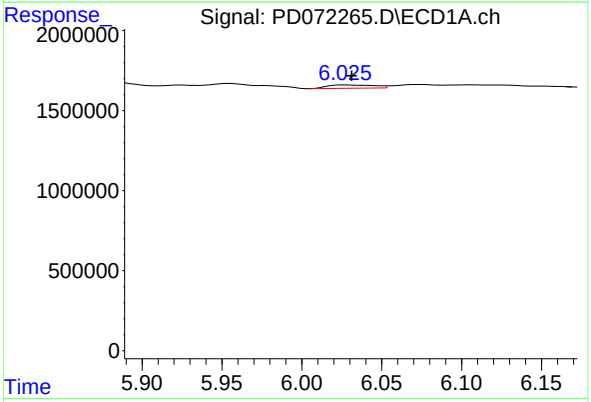
R.T.: 0.000 min
Exp R.T. : 5.922 min
Response: 0
Conc: N.D.

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



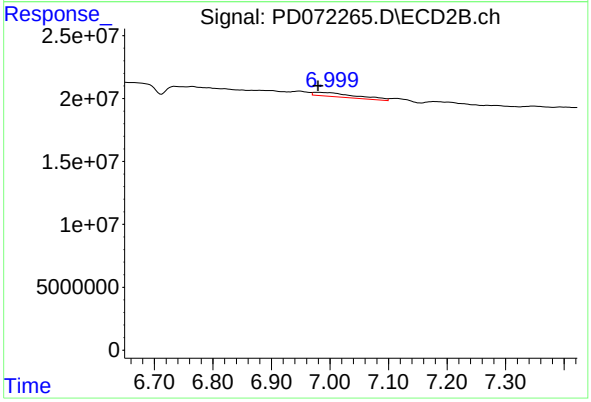

#15 Endosulfan II

R.T.: 6.766 min
Delta R.T.: 0.005 min
Response: 12801381
Conc: 0.95 ng/ml



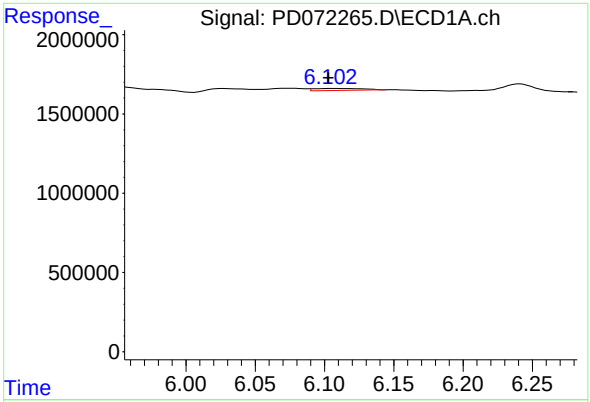

#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 418299
Conc: 0.16 ng/ml




#17 4,4'-DDT

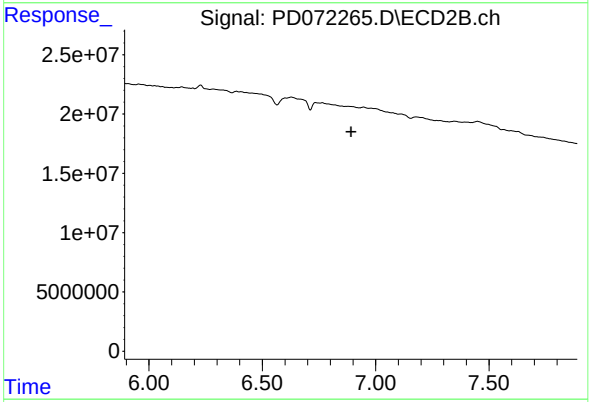
R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 16526474
Conc: 1.17 ng/ml




#18 Endrin aldehyde

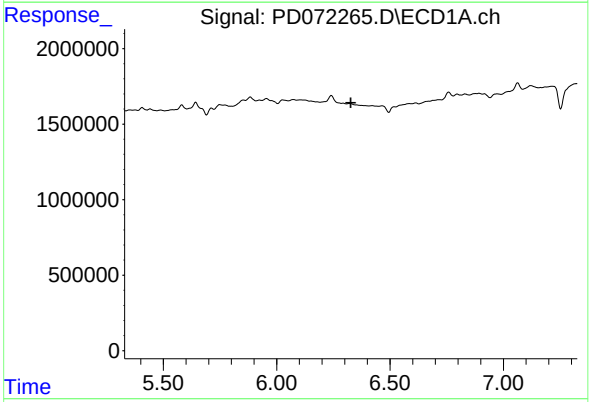
R.T.: 6.105 min
Delta R.T.: 0.003 min
Response: 302166
Conc: 0.14 ng/ml

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



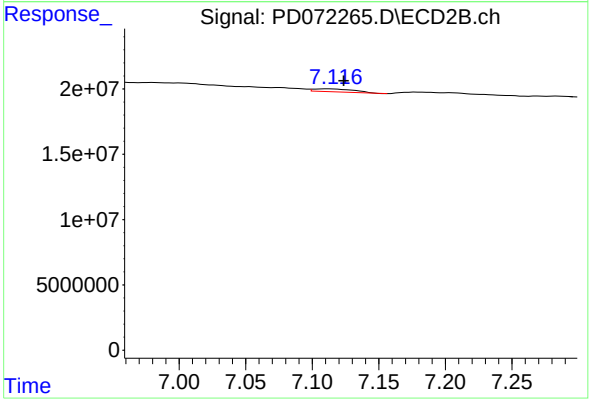

#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.892 min
Response: 0
Conc: N.D.



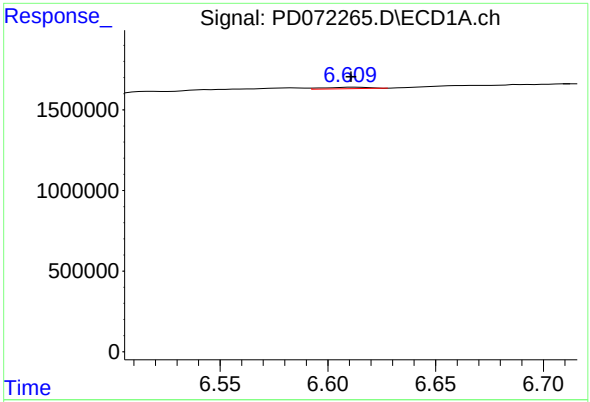

#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.327 min
Response: 0
Conc: N.D.




#19 Endosulfan Sulfate

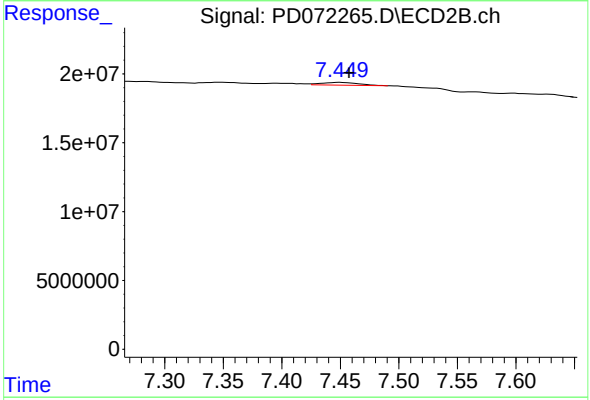
R.T.: 7.112 min
Delta R.T.: -0.011 min
Response: 4836345
Conc: 0.38 ng/ml




#20 Methoxychlor

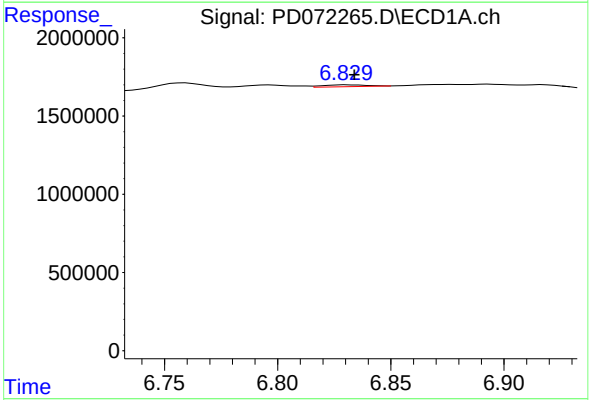
R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 140316
Conc: 0.09 ng/ml

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



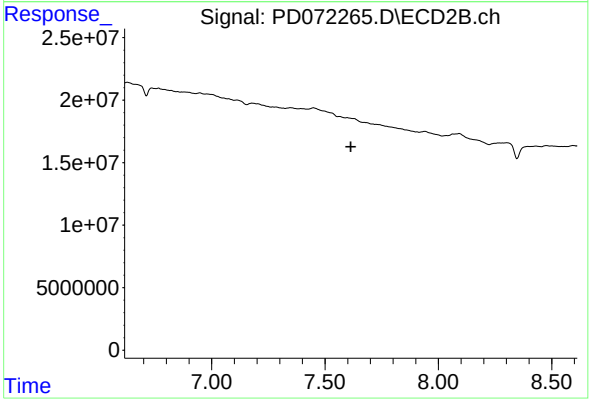

#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: -0.008 min
Response: 4064634
Conc: 0.59 ng/ml



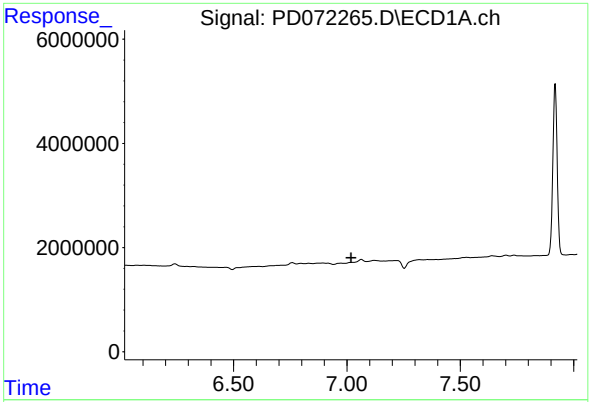

#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 154799
Conc: 0.05 ng/ml




#21 Endrin ketone

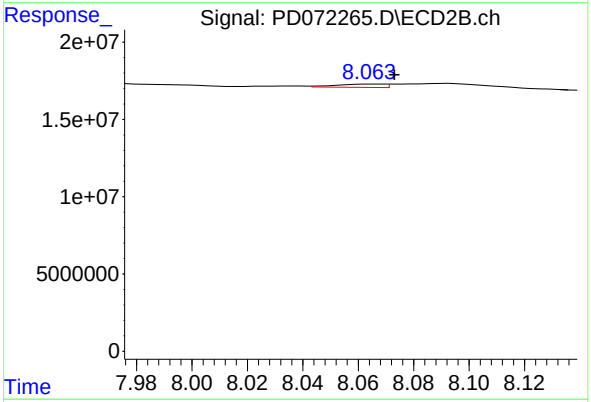
R.T.: 0.000 min
Exp R.T. : 7.614 min
Response: 0
Conc: N.D.




#22 Mirex

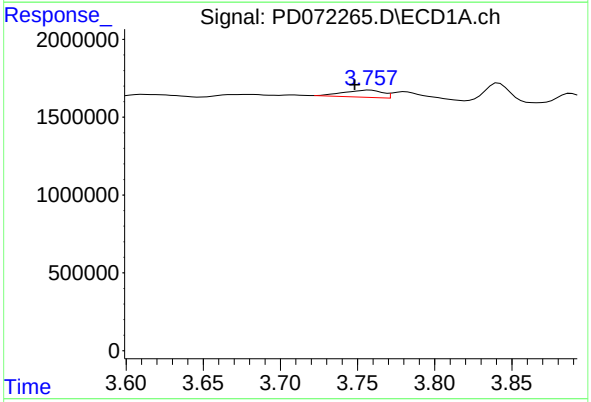
R.T.: 0.000 min
Exp R.T. : 7.018 min
Response: 0
Conc: N.D.

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



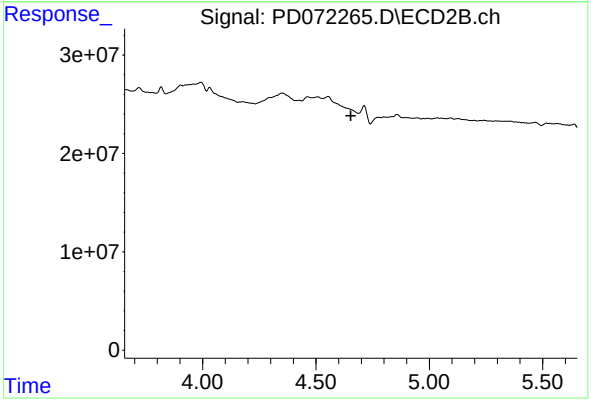

#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.009 min
Response: 2617316
Conc: 0.28 ng/ml



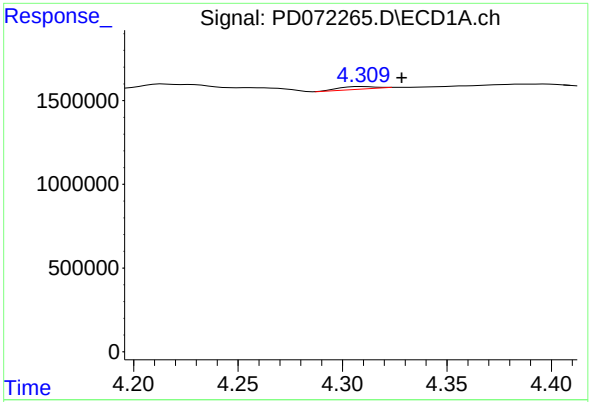

#23 Chlordane-1

R.T.: 3.758 min
Delta R.T.: 0.010 min
Response: 813851
Conc: 8.07 ng/ml




#23 Chlordane-1

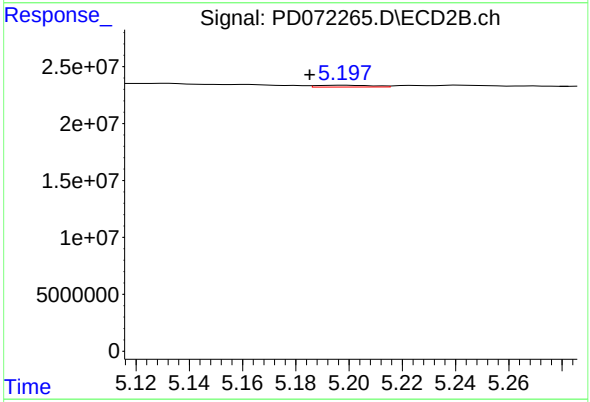
R.T.: 0.000 min
Exp R.T. : 4.653 min
Response: 0
Conc: N.D.




#24 Chlordane-2

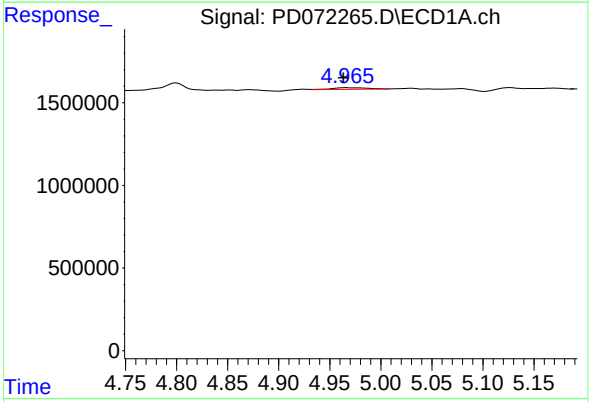
R.T.: 4.310 min
Delta R.T.: -0.018 min
Response: 185982
Conc: 1.61 ng/ml

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



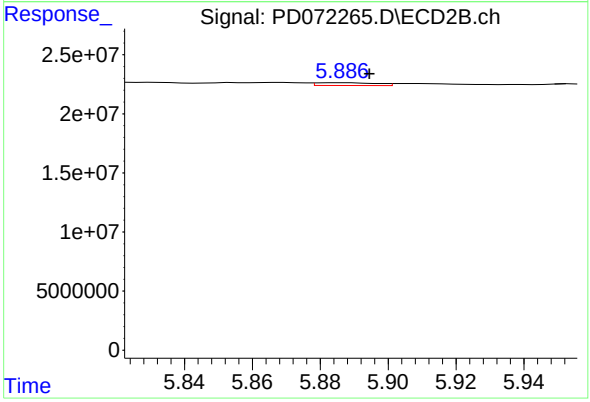

#24 Chlordane-2

R.T.: 5.199 min
Delta R.T.: 0.013 min
Response: 2376338
Conc: 2.74 ng/ml



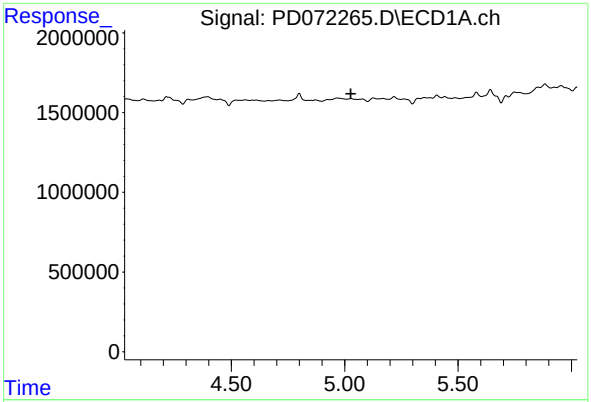

#25 Chlordane-3

R.T.: 4.966 min
Delta R.T.: 0.002 min
Response: 240957
Conc: 0.76 ng/ml




#25 Chlordane-3

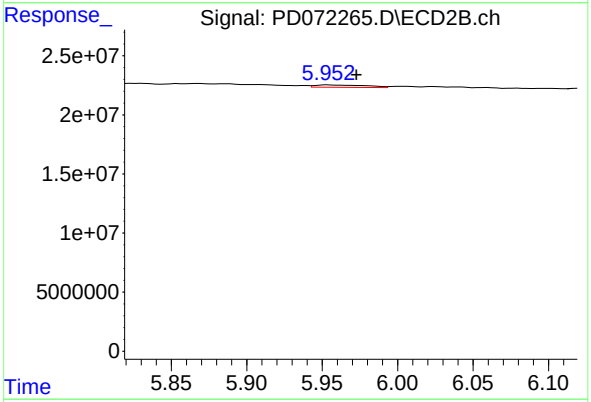
R.T.: 5.887 min
Delta R.T.: -0.008 min
Response: 2947754
Conc: 1.17 ng/ml




#26 Chlordane-4

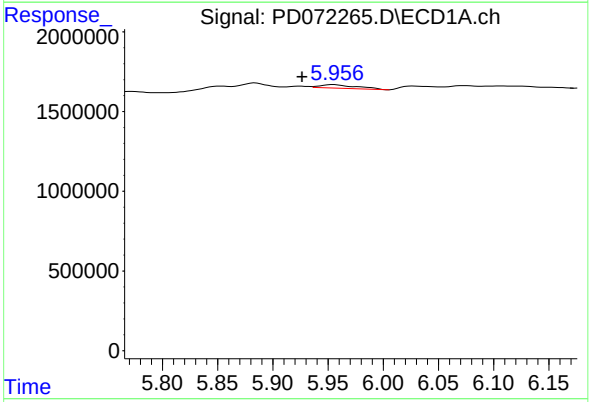
R.T.: 0.000 min
Exp R.T. : 5.027 min
Response: 0
Conc: N.D.

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



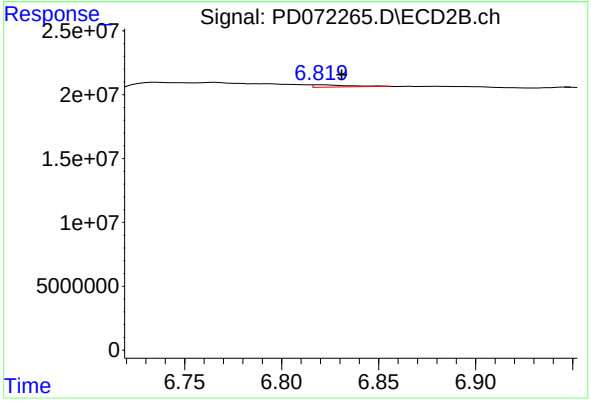

#26 Chlordane-4

R.T.: 5.954 min
Delta R.T.: -0.019 min
Response: 4716163
Conc: 1.65 ng/ml



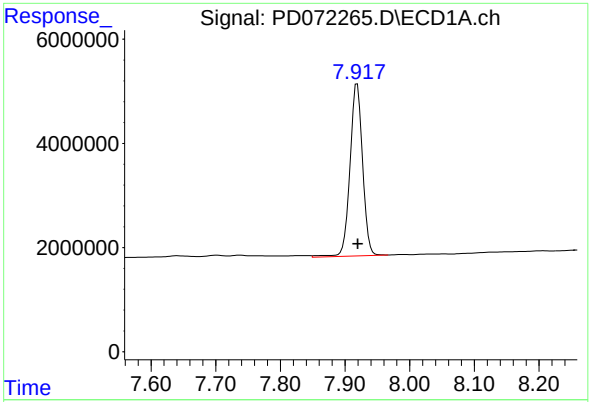

#27 Chlordane-5

R.T.: 5.956 min
Delta R.T.: 0.030 min
Response: 504814
Conc: 4.88 ng/ml




#27 Chlordane-5

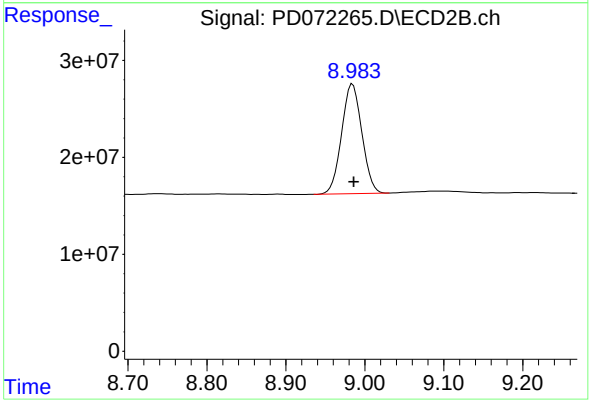
R.T.: 6.821 min
Delta R.T.: -0.010 min
Response: 2592081
Conc: 4.83 ng/ml




#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 44769774
Conc: 17.56 ng/ml

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




#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: -0.001 min
Response: 202051134
Conc: 20.11 ng/ml