Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070423\
Data File : PD076305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jul 2023 12:36
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 14:18:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Tue Jul 04 14:15:09 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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... | 3.545 | 2.765 | 248.9E6 | 119.8E6 | 75.736 | 75.021 |
| 28) | SA | Decachlor... | 9.085 | 7.907 | 259.5E6 | 90983385 | 74.248 | 73.888 |
| | | Target Compounds | | | | | | |
| 2) | A | alpha-BHC | 4.002 | 3.267 | 462.7E6 | 191.3E6 | 77.689 | 77.024 |
| 3) | MA | gamma-BHC... | 4.335 | 3.597 | 418.0E6 | 174.5E6 | 77.677 | 76.599 |
| 4) | MA | Heptachlor | 4.926 | 3.937 | 433.1E6 | 176.1E6 | 77.157 | 76.157 |
| 5) | MB | Aldrin | 5.269 | 4.217 | 421.3E6 | 172.6E6 | 77.434 | 76.705 |
| 6) | B | beta-BHC | 4.531 | 3.894 | 158.0E6 | 65699586 | 75.291 | 74.288 |
| 7) | B | delta-BHC | 4.780 | 4.123 | 407.7E6 | 165.4E6 | 78.080 | 76.933 |
| 8) | B | Heptachlo... | 5.696 | 4.719 | 367.7E6 | 152.6E6 | 76.875 | 75.859 |
| 9) | A | Endosulfan I | 6.083 | 5.090 | 343.8E6 | 143.2E6 | 76.910 | 75.804 |
| 10) | B | gamma-Chl... | 5.953 | 4.969 | 378.0E6 | 153.3E6 | 77.553 | 76.495 |
| 11) | B | alpha-Chl... | 6.032 | 5.034 | 370.9E6 | 151.9E6 | 77.259 | 76.088 |
| 12) | B | 4,4'-DDE | 6.204 | 5.222 | 338.1E6 | 120.1E6 | 78.384 | 77.023 |
| 13) | MA | Dieldrin | 6.358 | 5.354 | 368.8E6 | 153.1E6 | 77.855 | 76.596 |
| 14) | MA | Endrin | 6.589 | 5.630 | 311.6E6 | 136.1E6 | 77.269 | 76.145 |
| 15) | B | Endosulfa... | 6.808 | 5.924 | 284.8E6 | 118.5E6 | 76.718 | 76.020 |
| 16) | A | 4,4'-DDD | 6.723 | 5.777 | 264.3E6 | 93911337 | 77.670 | 76.669 |
| 17) | MA | 4,4'-DDT | 7.037 | 6.028 | 284.9E6 | 98985006 | 78.398 | 78.378 |
| 18) | B | Endrin al... | 6.939 | 6.103 | 208.4E6 | 87007846 | 75.441 | 74.965 |
| 19) | B | Endosulfa... | 7.173 | 6.326 | 280.9E6 | 115.1E6 | 76.416 | 75.709 |
| 20) | A | Methoxychlor | 7.513 | 6.604 | 144.3E6 | 48394885 | 75.506 | 74.464 |
| 21) | B | Endrin ke... | 7.660 | 6.833 | 318.3E6 | 133.4E6 | 76.453 | 75.407 |
| 22) | | Mirex | 8.135 | 7.014 | 233.5E6 | 108.6E6 | 75.180 | 74.474 |

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

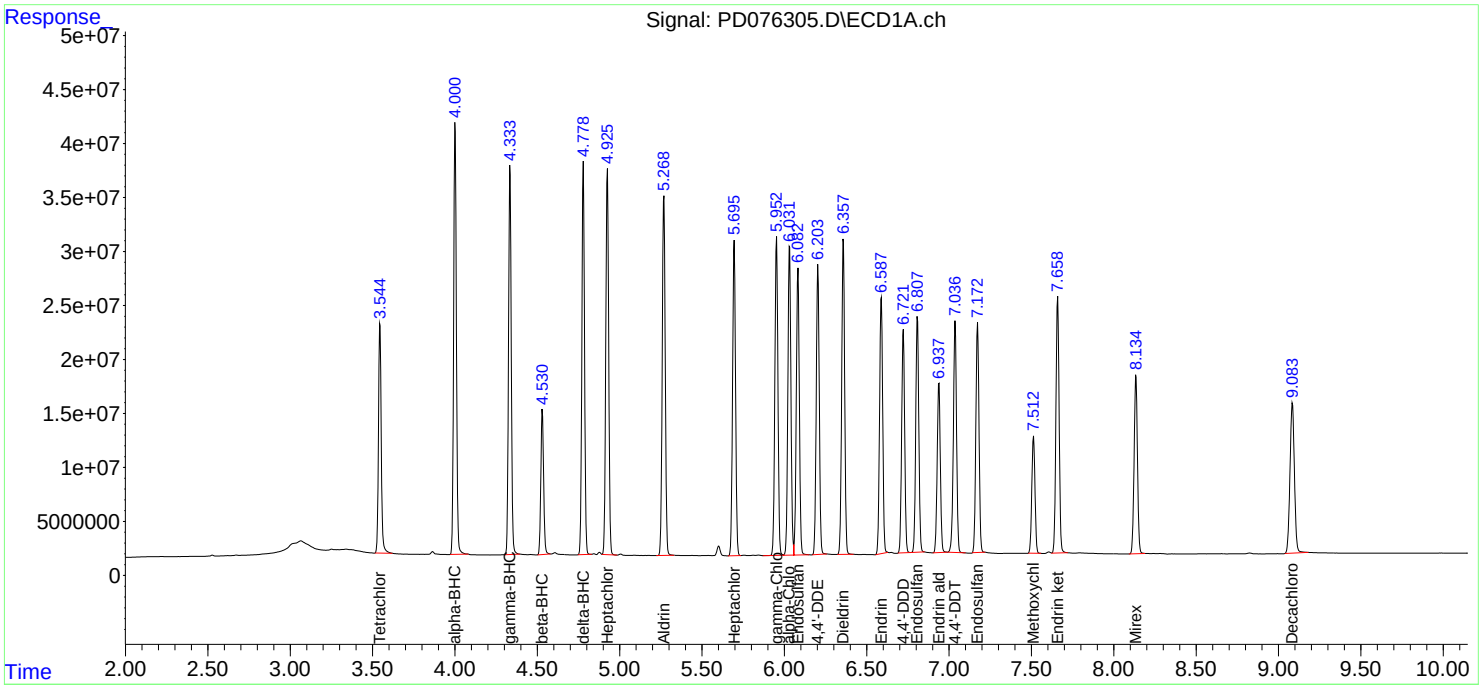
Quantitation Report (Not Reviewed)

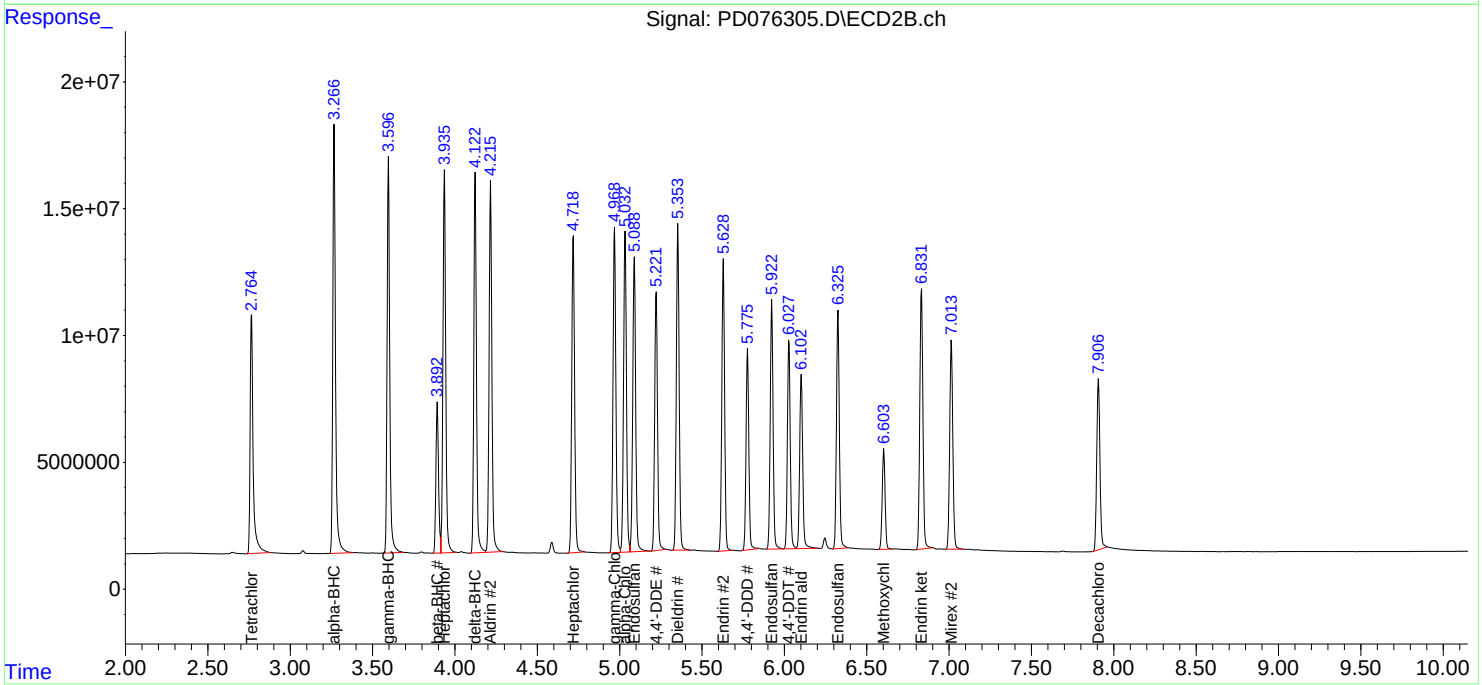
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070423\
Data File : PD076305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jul 2023 12:36
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

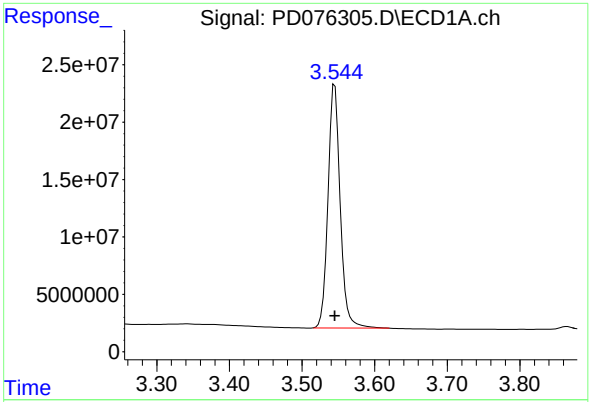
**Instrument :**
ECD_D
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 14:18:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Tue Jul 04 14:15:09 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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



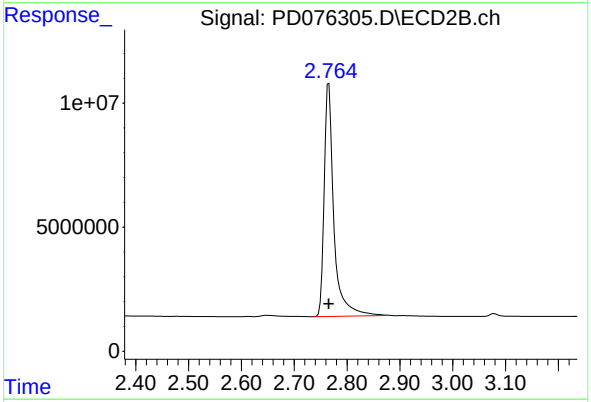






#1 Tetrachloro-m-xylene

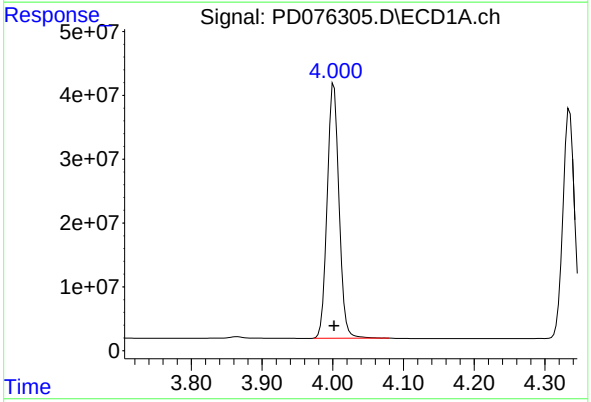
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 248922005
Conc: 75.74 ng/ml

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



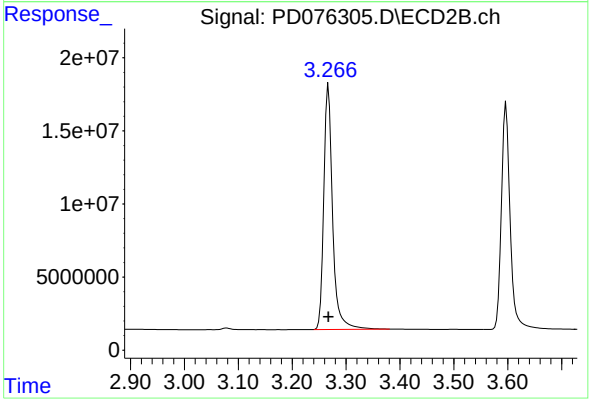

#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 119761775
Conc: 75.02 ng/ml



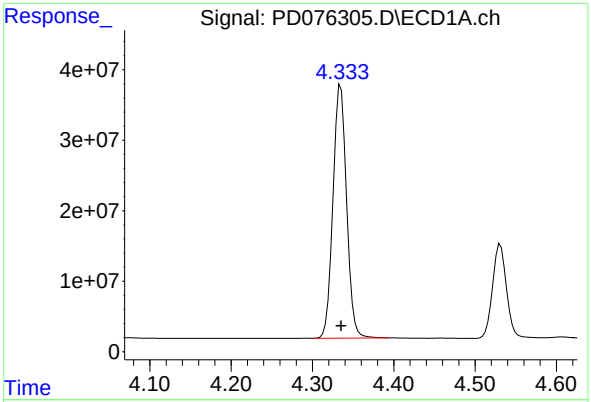

#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 462654003
Conc: 77.69 ng/ml




#2 alpha-BHC

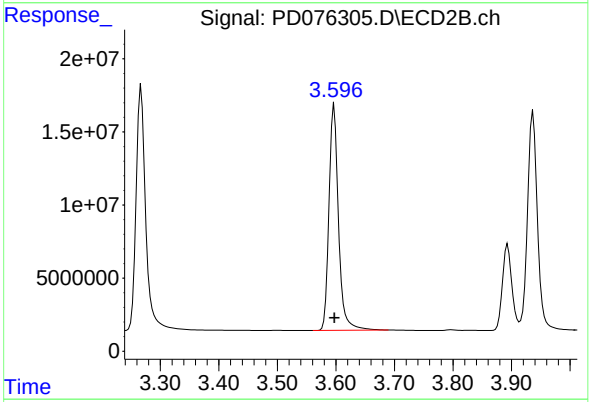
R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 191295609
Conc: 77.02 ng/ml




#3 gamma-BHC (Lindane)

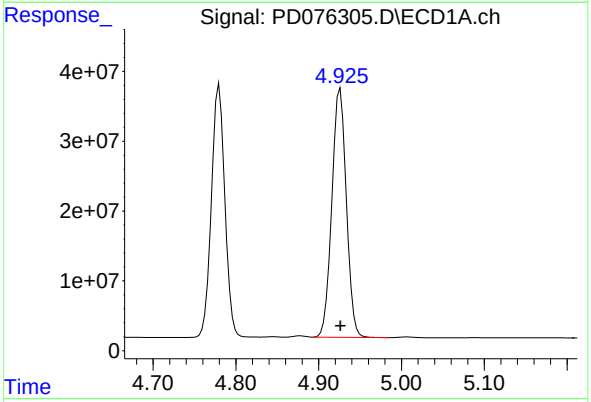
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 418014449
Conc: 77.68 ng/ml

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



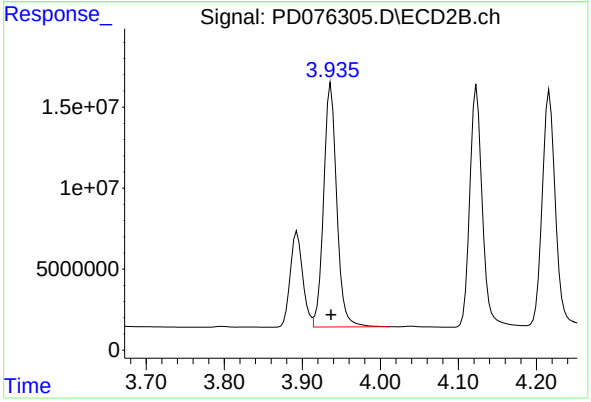

#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 174465390
Conc: 76.60 ng/ml



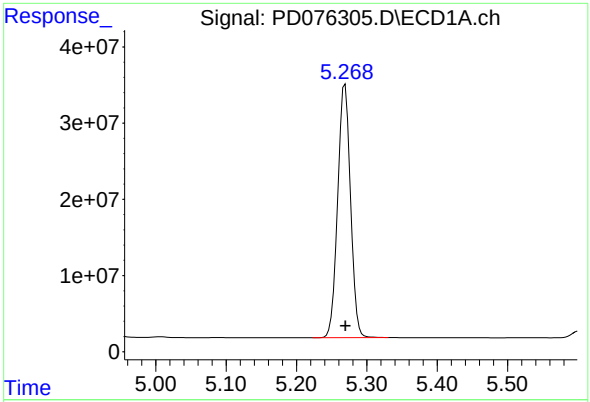

#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 433090060
Conc: 77.16 ng/ml




#4 Heptachlor

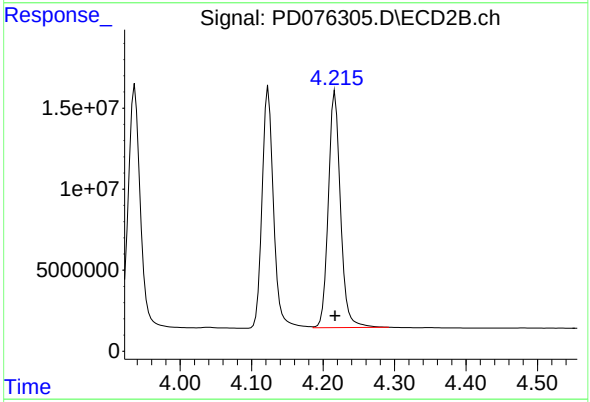
R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 176078409
Conc: 76.16 ng/ml




#5 Aldrin

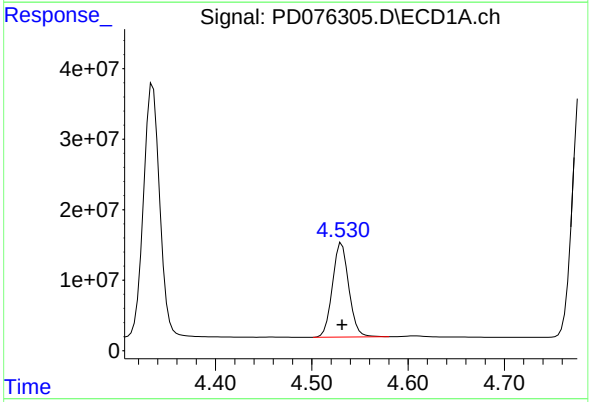
R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 421316059
Conc: 77.43 ng/ml

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



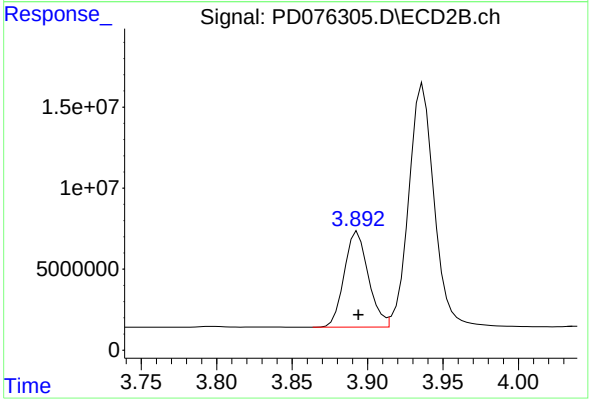

#5 Aldrin

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 172579150
Conc: 76.71 ng/ml



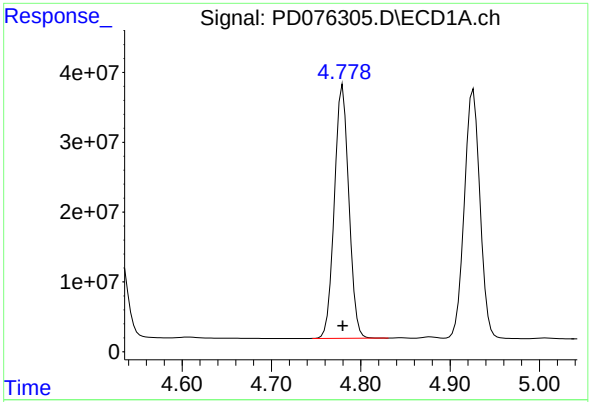

#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 157999919
Conc: 75.29 ng/ml




#6 beta-BHC

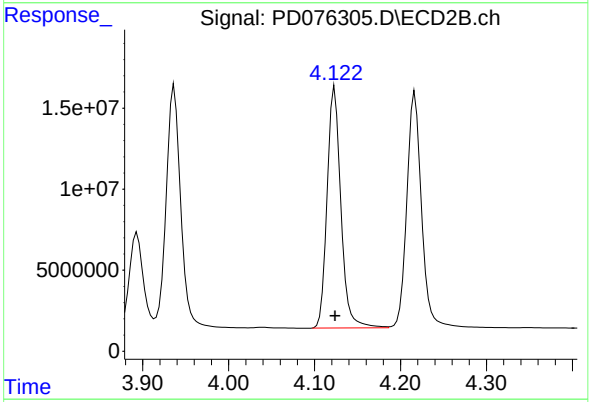
R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 65699586
Conc: 74.29 ng/ml




#7 delta-BHC

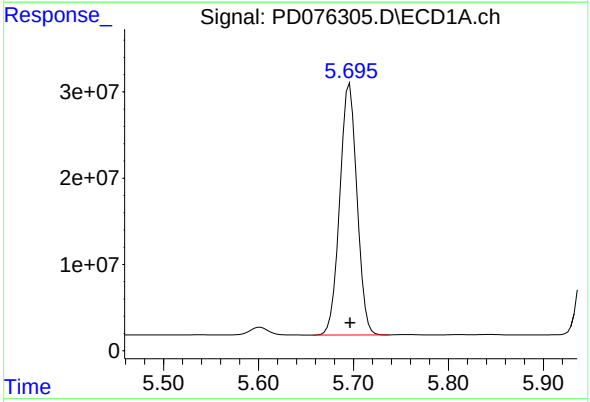
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 407741186
Conc: 78.08 ng/ml

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



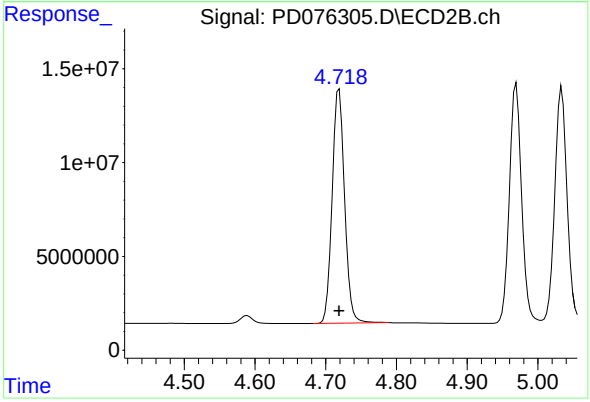

#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 165424114
Conc: 76.93 ng/ml



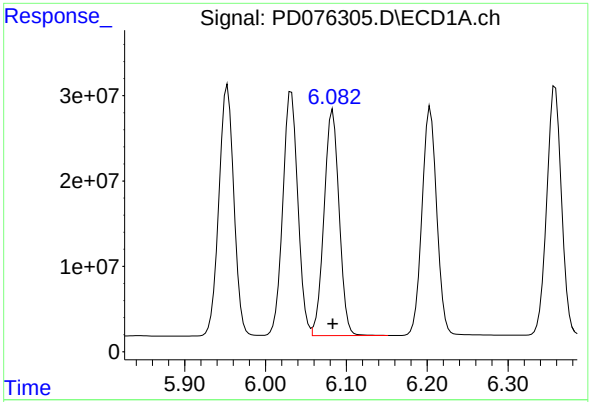

#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 367702003
Conc: 76.87 ng/ml




#8 Heptachlor epoxide

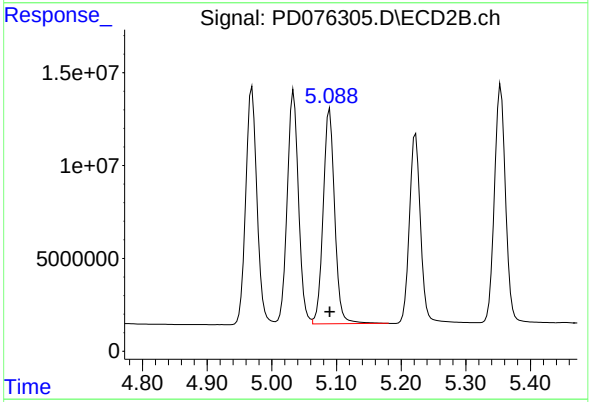
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 152608274
Conc: 75.86 ng/ml




#9 Endosulfan I

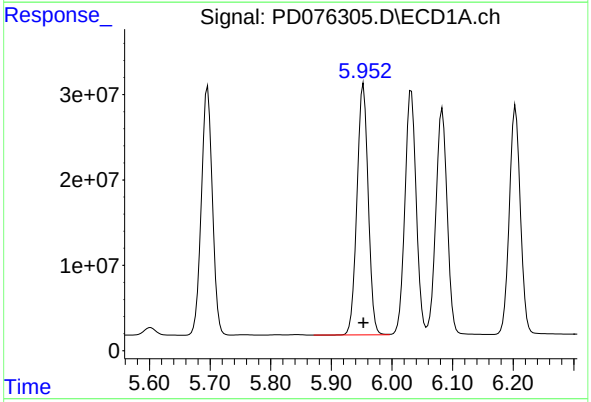
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 343829060
Conc: 76.91 ng/ml

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



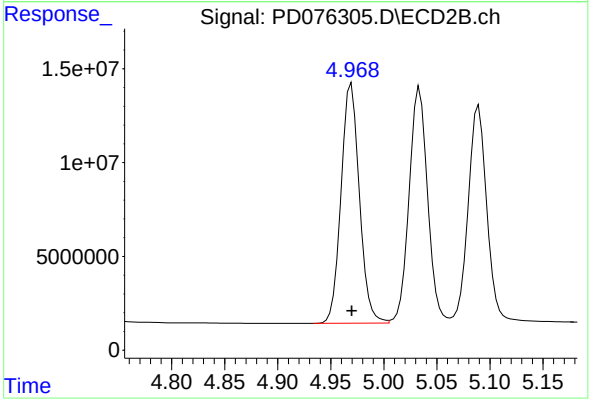

#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 143154314
Conc: 75.80 ng/ml



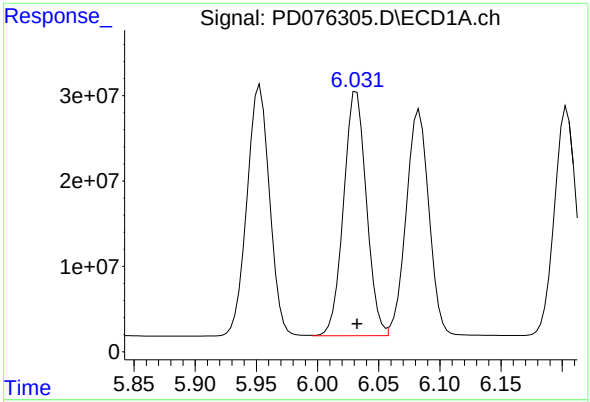

#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 377977346
Conc: 77.55 ng/ml




#10 gamma-Chlordane

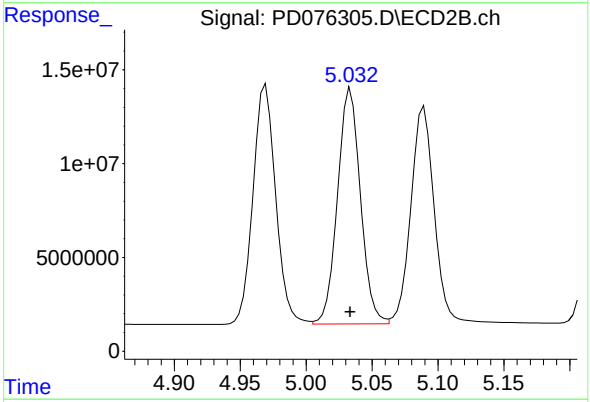
R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 153281833
Conc: 76.49 ng/ml




#11 alpha-Chlordane

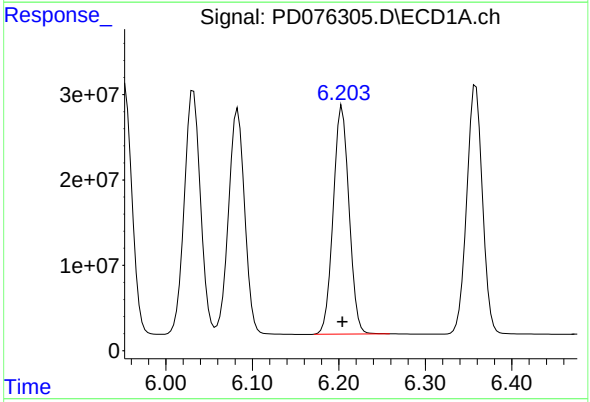
R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 370890719
Conc: 77.26 ng/ml

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



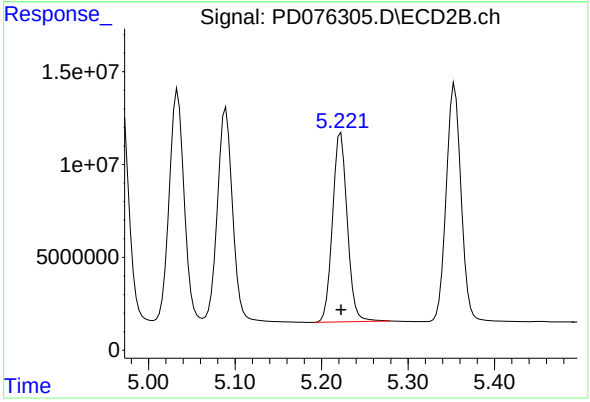

#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 151885983
Conc: 76.09 ng/ml



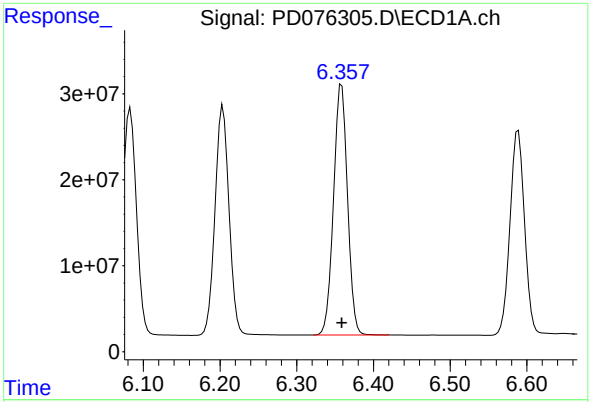

#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 338102468
Conc: 78.38 ng/ml




#12 4,4'-DDE

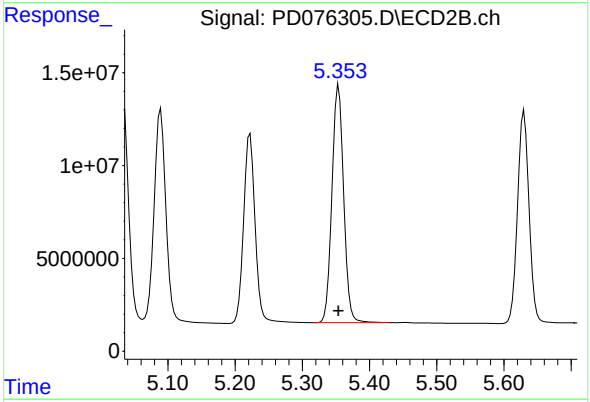
R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 120079518
Conc: 77.02 ng/ml




#13 Dieldrin

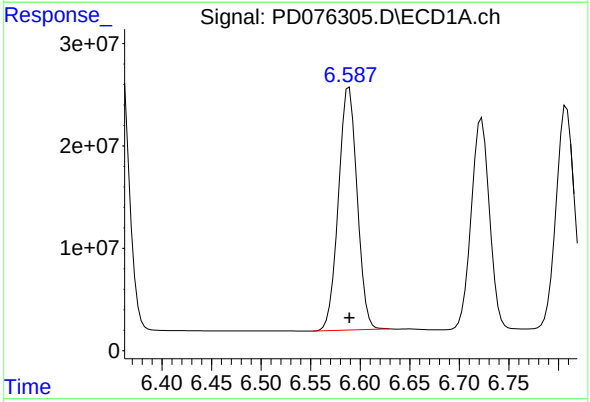
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 368818553
Conc: 77.86 ng/ml

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



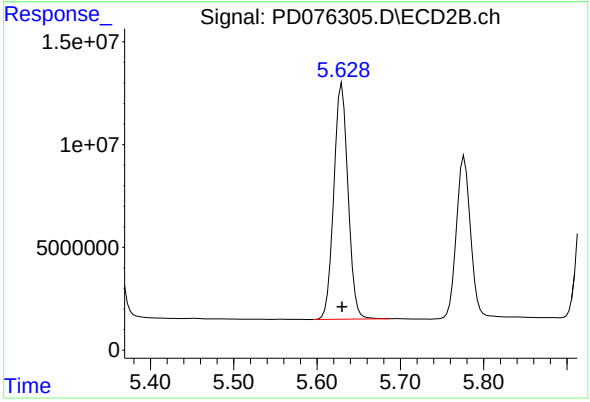

#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 153144653
Conc: 76.60 ng/ml



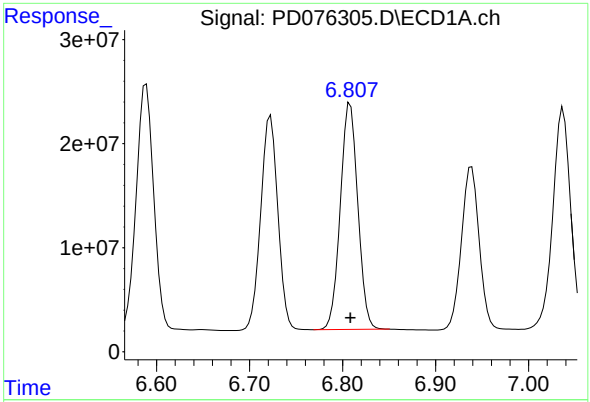

#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 311619647
Conc: 77.27 ng/ml




#14 Endrin

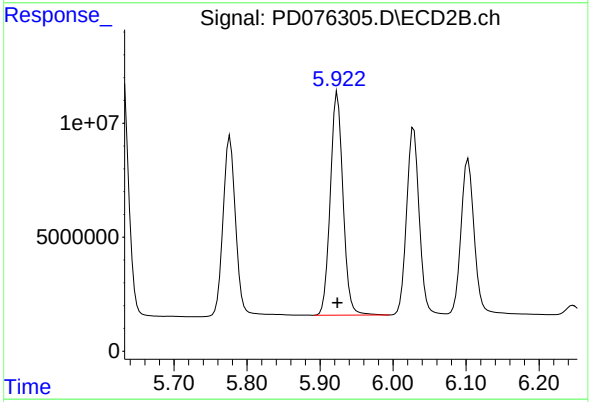
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 136089744
Conc: 76.15 ng/ml




#15 Endosulfan II

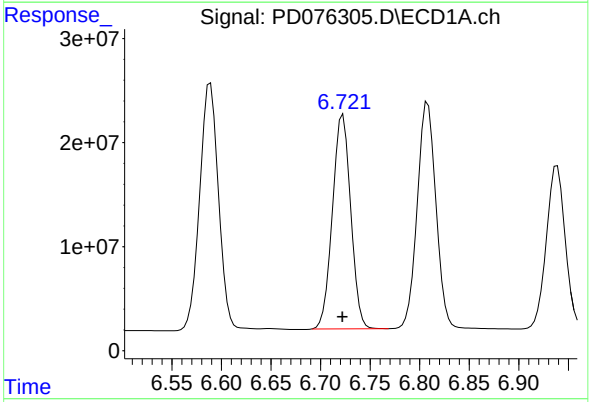
R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 284783065
Conc: 76.72 ng/ml

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



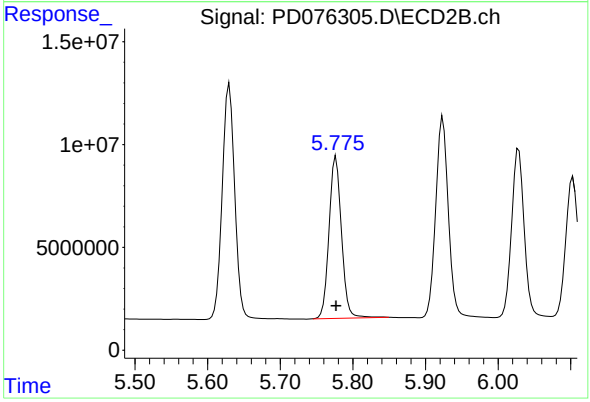

#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 118540846
Conc: 76.02 ng/ml



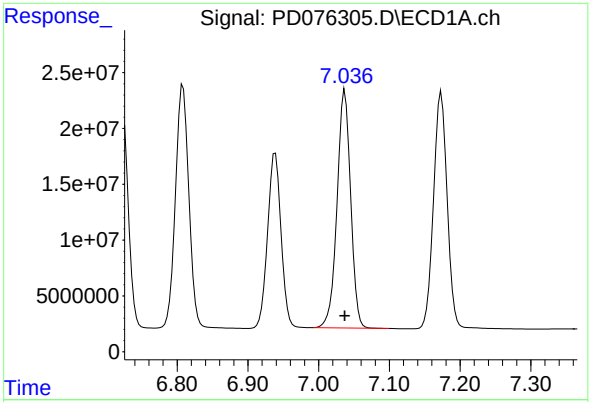

#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 264293597
Conc: 77.67 ng/ml




#16 4,4'-DDD

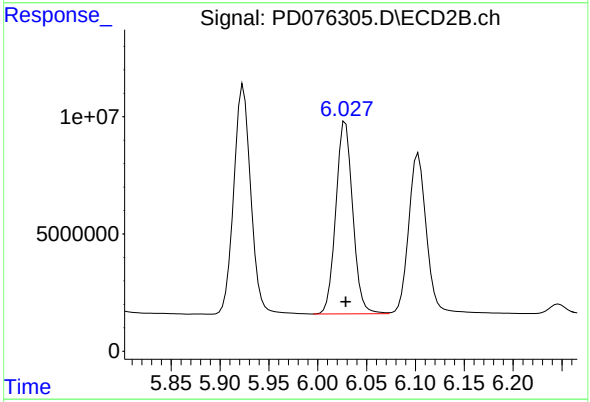
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 93911337
Conc: 76.67 ng/ml




#17 4,4'-DDT

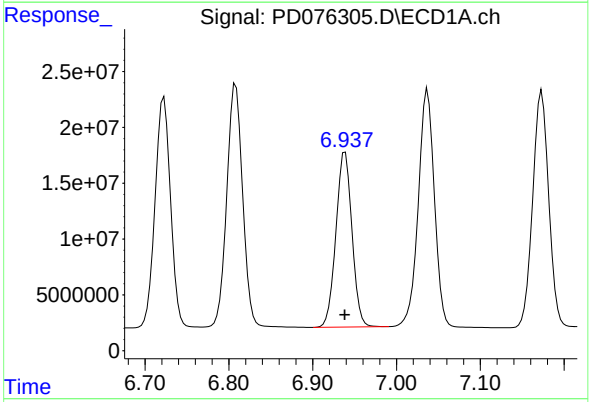
R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 284933920
Conc: 78.40 ng/ml

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



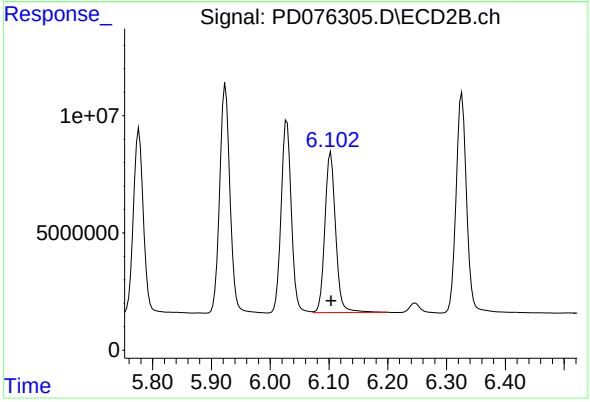

#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 98985006
Conc: 78.38 ng/ml



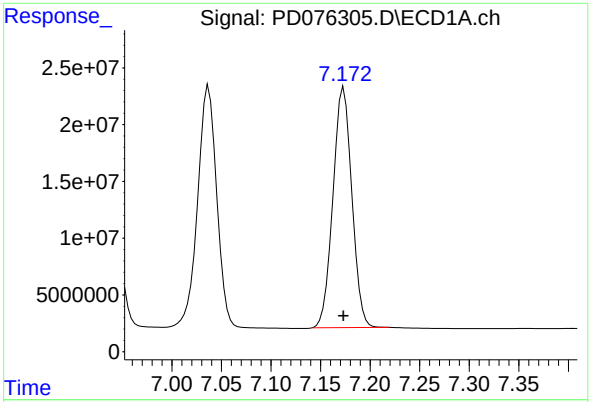

#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 208426677
Conc: 75.44 ng/ml




#18 Endrin aldehyde

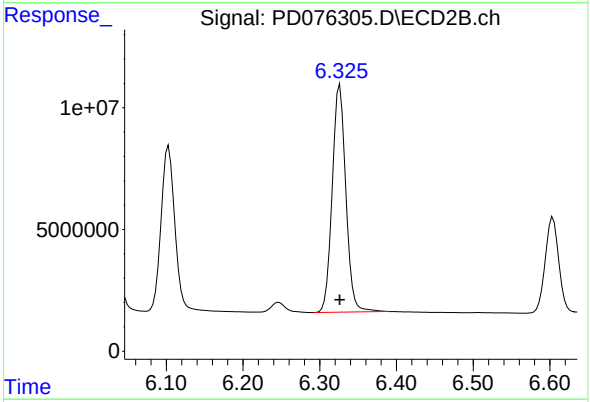
R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 87007846
Conc: 74.97 ng/ml




#19 Endosulfan Sulfate

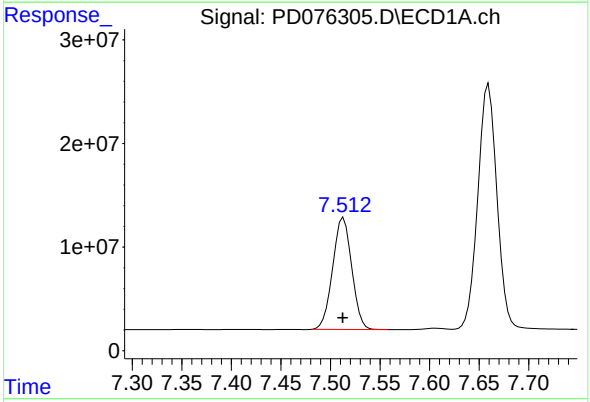
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 280941429
Conc: 76.42 ng/ml

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



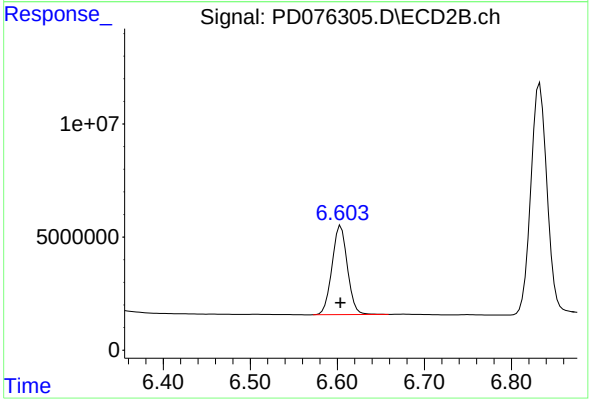

#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 115115886
Conc: 75.71 ng/ml



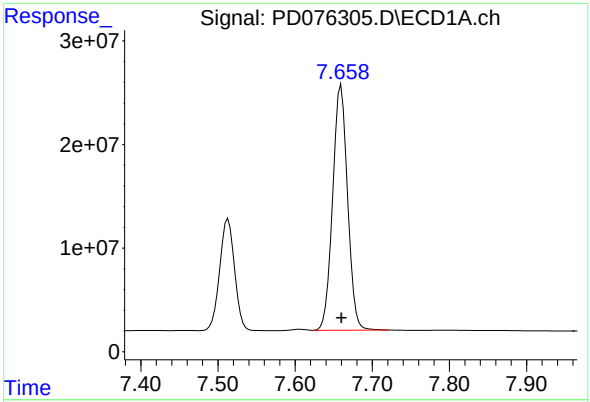

#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 144270416
Conc: 75.51 ng/ml




#20 Methoxychlor

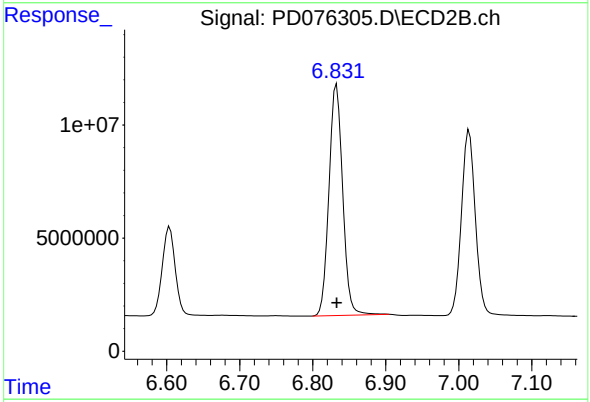
R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 48394885
Conc: 74.46 ng/ml




#21 Endrin ketone

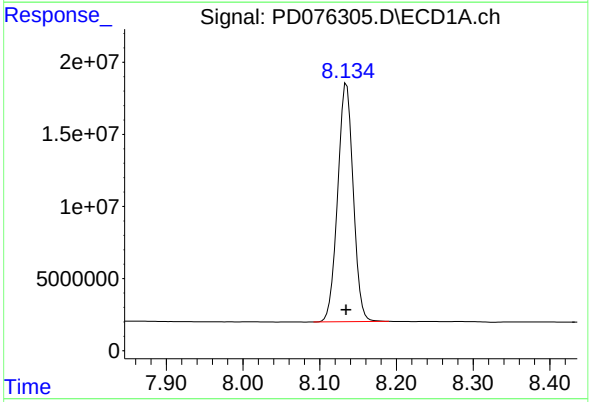
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 318322890
Conc: 76.45 ng/ml

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



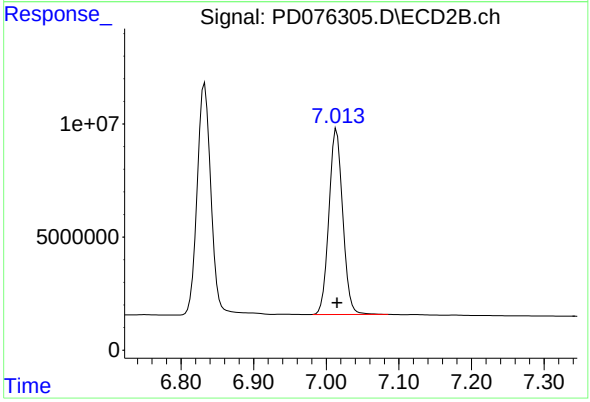

#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 133382042
Conc: 75.41 ng/ml



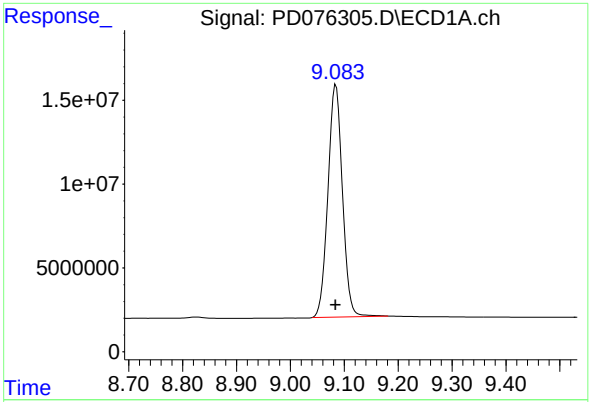

#22 Mirex

R.T.: 8.135 min
Delta R.T.: 0.000 min
Response: 233466905
Conc: 75.18 ng/ml




#22 Mirex

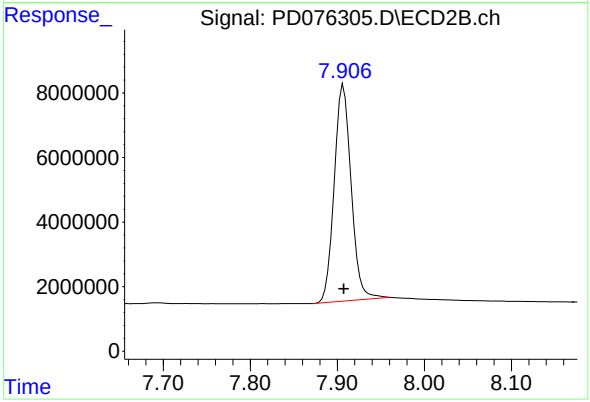
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 108618100
Conc: 74.47 ng/ml




#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.001 min
Response: 259466348
Conc: 74.25 ng/ml

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




#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 90983385
Conc: 73.89 ng/ml