Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022724\
Data File : PD081689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2024 17:55
Operator : AR\AJ
Sample : P1553-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 22:01:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021224CLP.M
Quant Title : GC Extractables
QLast Update : Mon Feb 12 17:06:05 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... | 3.564 | 2.793 | 18107443 | 32514230 | 13.245 | 13.263 | |
| 27) | SA | Decachlor... | 9.111 | 7.909 | 3271831 | 89567838 | 1.696 | 36.106 | # |
| | | Target Compounds | | | | | | | |
| 2) | A | alpha-BHC | 4.056f | 3.296 | 1468587 | 237604 | 0.629 | <MDL | # |
| 3) | MA | gamma-BHC... | 4.313f | 3.624 | 4324201 | 2427671 | 1.872 | 0.670 | # |
| 4) | MA | Heptachlor | 4.946 | 3.962 | 2898591 | 5642575 | 1.182 | 1.591 | # |
| 5) | MB | Aldrin | 5.292 | 4.246 | 30206252 | 35834534 | 12.775 | 10.580 | |
| 6) | B | beta-BHC | 4.538 | 3.922 | 2436700 | 2792382 | 2.345 | 1.653 | # |
| 7) | B | delta-BHC | 4.796 | 4.140 | 7813299 | 1846736 | 3.299 | 0.493 | # |
| 8) | B | Heptachlo... | 5.719 | 4.741 | 28978745 | 62574989 | 12.795 | 19.503 | # |
| 9) | A | Endosulfan I | 6.058f | 5.130 | 26705230 | 21647193 | 12.683 | 7.230 | # |
| 10) | B | trans-Chl... | 5.973 | 4.996 | 129.4E6 | 244.6E6 | 59.090 | 78.376 | # |
| 11) | B | cis-Chlor... | 6.058 | 5.066 | 26705230 | 67338410 | 11.857 | 21.020 | # |
| 12) | B | 4,4'-DDE | 6.199 | 5.239 | 33494218 | 78773237 | 15.603 | 26.639 | # |
| 13) | MA | Dieldrin | 6.380 | 5.380 | 2318.4E6 | 3059.1E6 | 1044.127 | 931.385 | |
| 14) | MA | Endrin | 6.634 | 5.671 | -1598890 | 80548524 | N.D. | 28.036 | |
| 15) | B | Endosulfa... | 6.865f | 5.952 | 75513546 | 62159225 | 39.117 | 22.022 | # |
| 16) | A | 4,4'-DDD | 6.743 | 5.821 | 26484970 | 19195577 | 15.945 | 7.617 | # |
| 17) | MA | 4,4'-DDT | 7.040 | 6.059 | 2797882 | 192.0E6 | 1.610 | 74.344 | # |
| 18) | B | Endrin al... | 6.950 | 6.141 | -2141928 | 42311337 | N.D. | 19.525 | |
| 19) | B | Endosulfa... | 7.187 | 6.350 | 427.8E6 | 71901404 | 233.671 | 26.802 | # |
| 20) | A | Methoxychlor | 7.497f | 6.611 | 62376232 | 382.9E6 | 68.002 | 286.578 | # |
| 21) | B | Endrin ke... | 7.638f | 6.866 | 191.7E6 | -27245591 | 99.159 | N.D. | # |
| 22) | | Toxaphene-1 | 5.889 | 5.022 | 28319123 | 119.6E6 | 4335.710 | 7306.728 | # |
| 23) | | Toxaphene-2 | 6.477 | 5.343 | 228.4E6 | 163.5E6 | 12045.649 | 9590.720 | |
| 24) | | Toxaphene-3 | 7.094 | 6.611 | 19428004 | 382.9E6 | 367.365 | 6541.435 | # |
| 25) | | Toxaphene-4 | 7.187 | 6.744 | 427.8E6 | 1035.3E6 | 10815.092 | 13009.769 | |
| 26) | | Toxaphene-5 | 7.609 | 7.059 | 456.3E6 | 563.9E6 | 15386.931 | 17389.454 | |

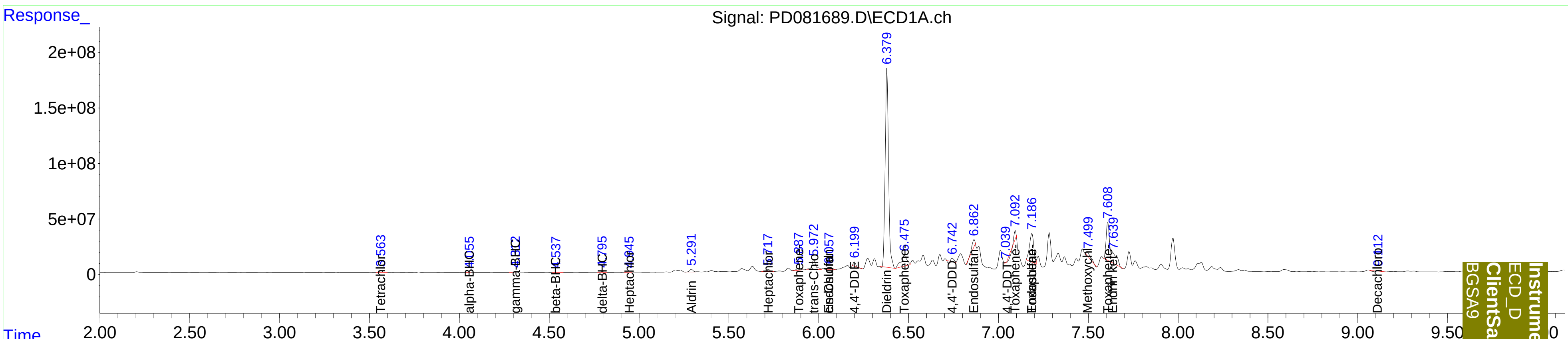
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

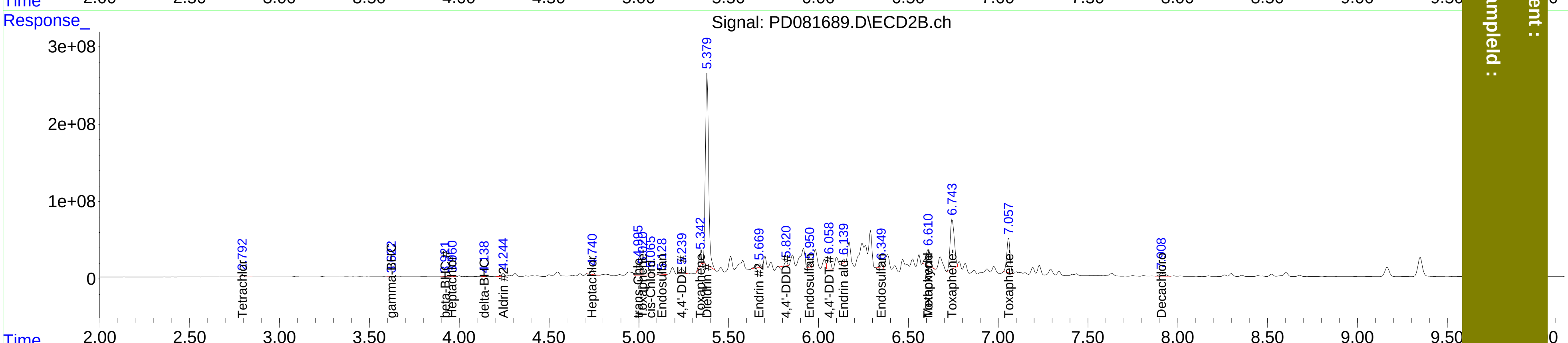
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022724\
Data File : PD081689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2024 17:55
Operator : AR\AJ
Sample : P1553-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

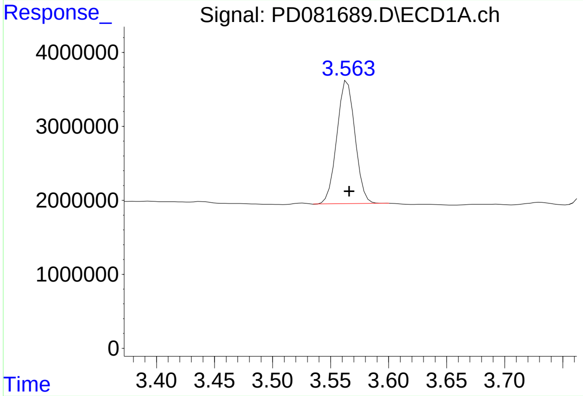
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 22:01:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021224CLP.M
Quant Title : GC Extractables
QLast Update : Mon Feb 12 17:06:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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



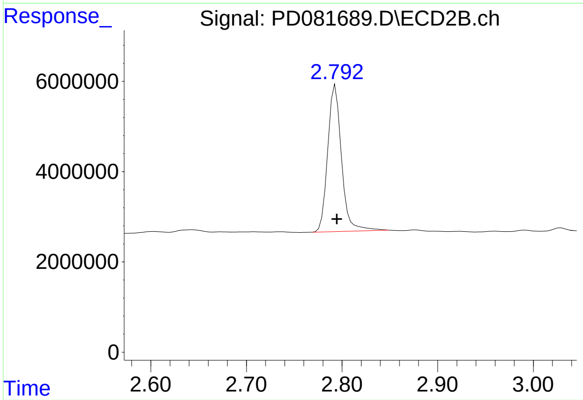

Instrument : ECD_D
ClientSampleId : BGSA9




#1 Tetrachloro-m-xylene

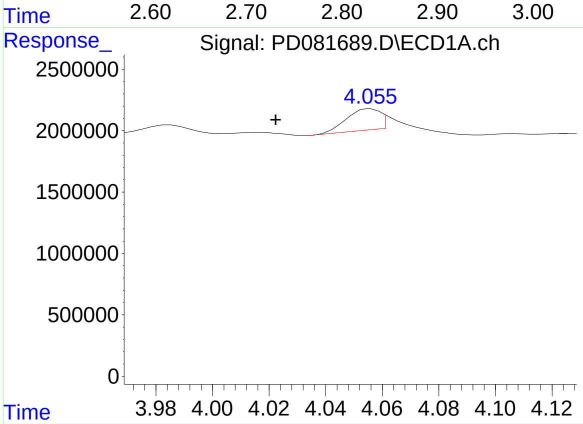
R.T.: 3.564 min
Delta R.T.: -0.002 min
Response: 18107443
Conc: 13.24 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9



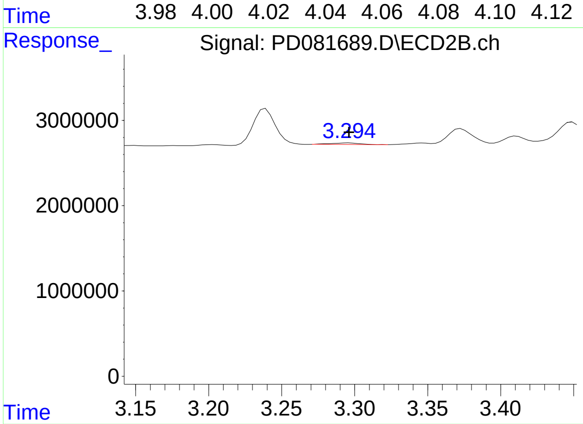

#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.001 min
Response: 32514230
Conc: 13.26 ng/ml



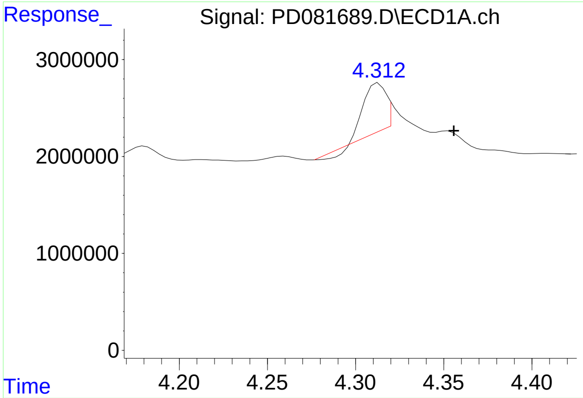

#2 alpha-BHC

R.T.: 4.056 min
Delta R.T.: 0.034 min
Response: 1468587
Conc: 0.63 ng/ml




#2 alpha-BHC

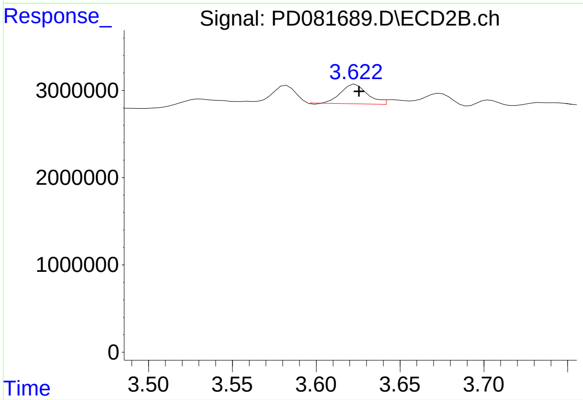
R.T.: 3.296 min
Delta R.T.: 0.000 min
Response: 237604
Conc: N.D.




#3 gamma-BHC (Lindane)

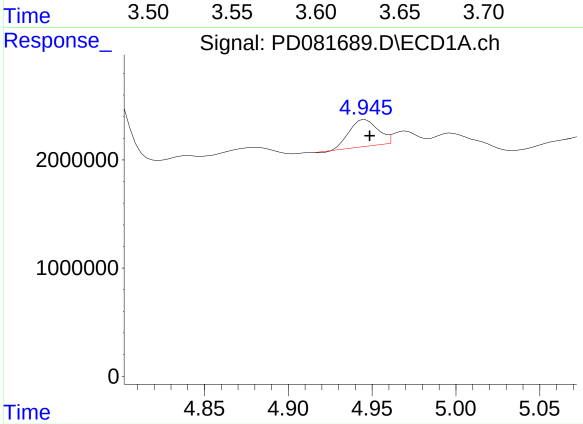
R.T.: 4.313 min
Delta R.T.: -0.043 min
Response: 4324201
Conc: 1.87 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9



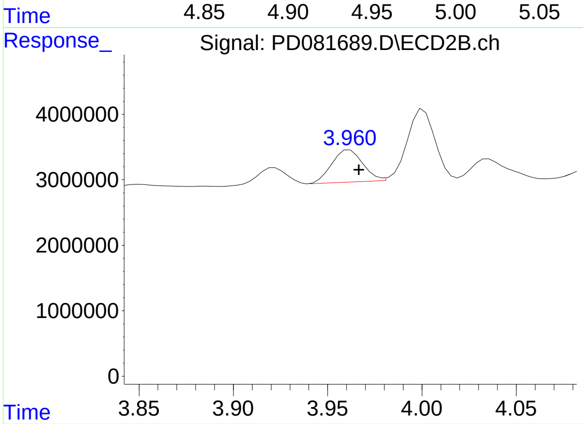

#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: -0.002 min
Response: 2427671
Conc: 0.67 ng/ml



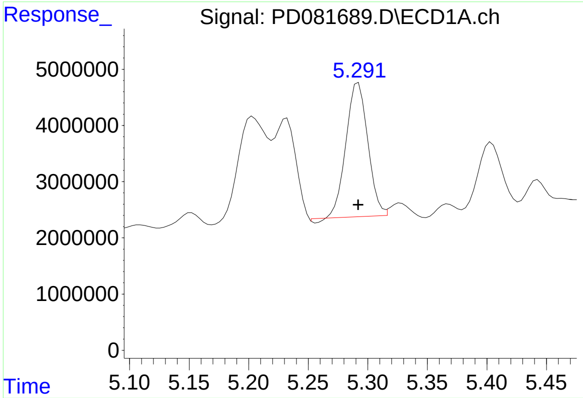

#4 Heptachlor

R.T.: 4.946 min
Delta R.T.: -0.003 min
Response: 2898591
Conc: 1.18 ng/ml




#4 Heptachlor

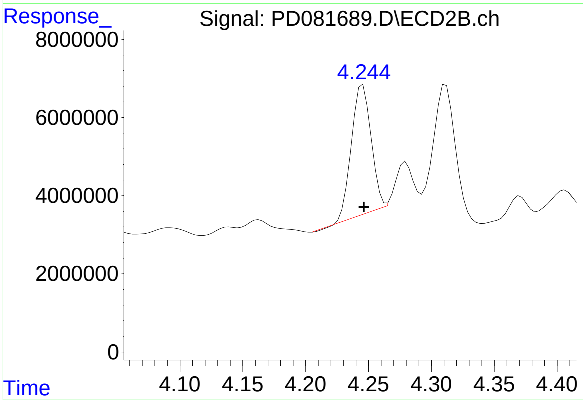
R.T.: 3.962 min
Delta R.T.: -0.005 min
Response: 5642575
Conc: 1.59 ng/ml




#5 Aldrin

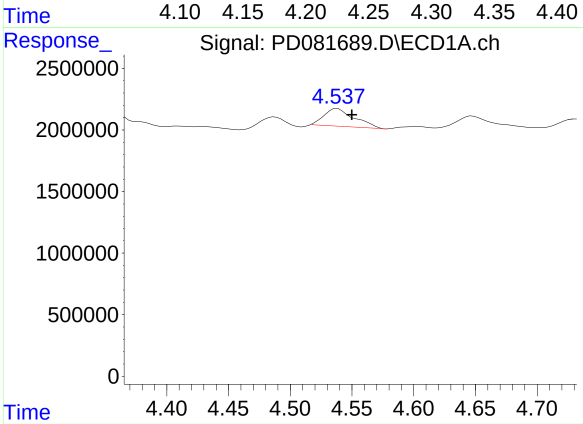
R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 30206252
Conc: 12.77 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9



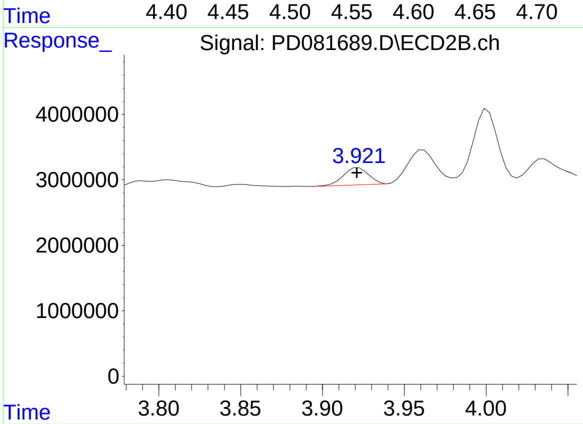

#5 Aldrin

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 35834534
Conc: 10.58 ng/ml



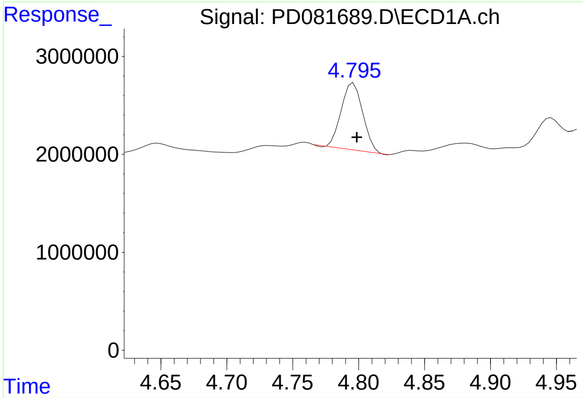

#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: -0.012 min
Response: 2436700
Conc: 2.34 ng/ml




#6 beta-BHC

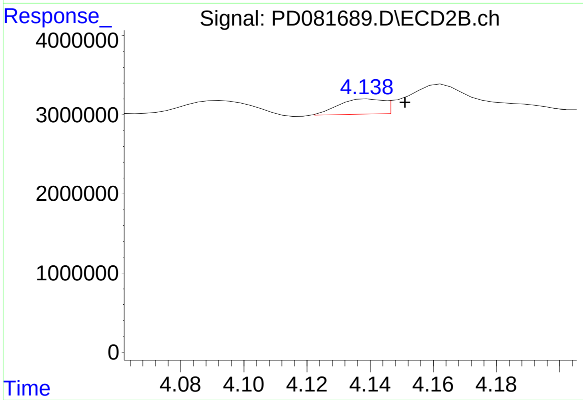
R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 2792382
Conc: 1.65 ng/ml




#7 delta-BHC

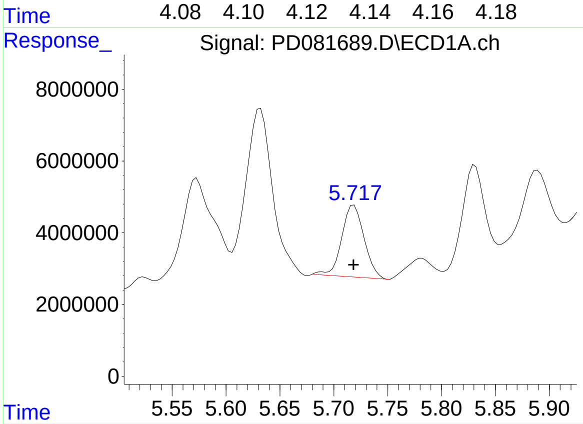
R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 7813299
Conc: 3.30 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9



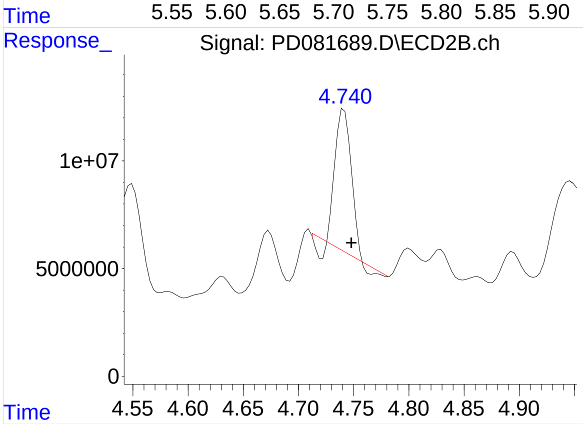

#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: -0.012 min
Response: 1846736
Conc: 0.49 ng/ml



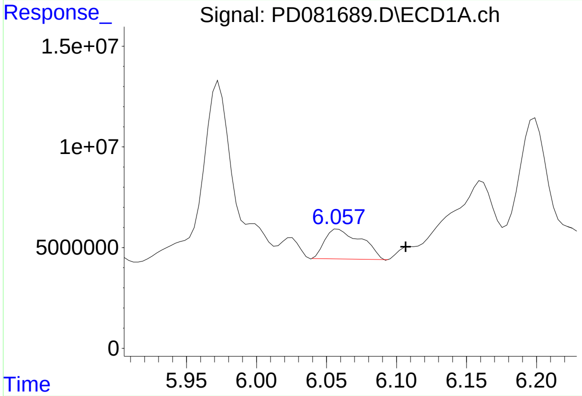

#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 28978745
Conc: 12.80 ng/ml




#8 Heptachlor epoxide

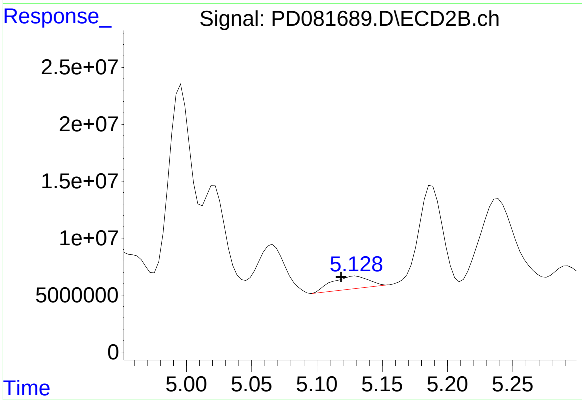
R.T.: 4.741 min
Delta R.T.: -0.006 min
Response: 62574989
Conc: 19.50 ng/ml




#9 Endosulfan I

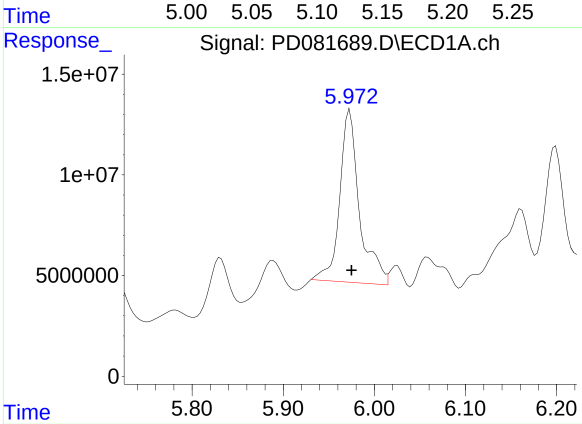
R.T.: 6.058 min
Delta R.T.: -0.048 min
Response: 26705230
Conc: 12.68 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9



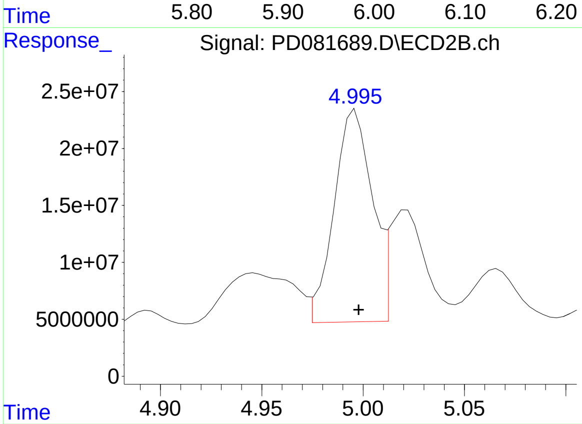

#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.011 min
Response: 21647193
Conc: 7.23 ng/ml



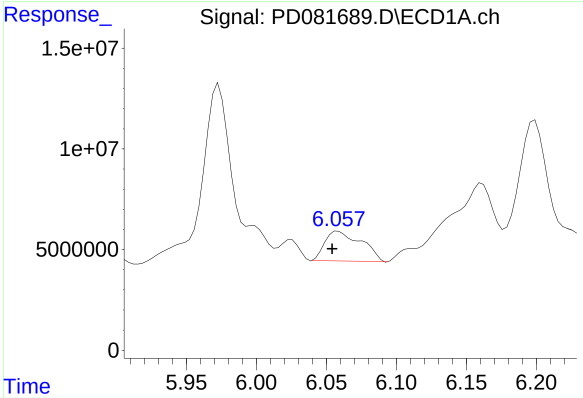

#10 trans-Chlordane

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 129368982
Conc: 59.09 ng/ml




#10 trans-Chlordane

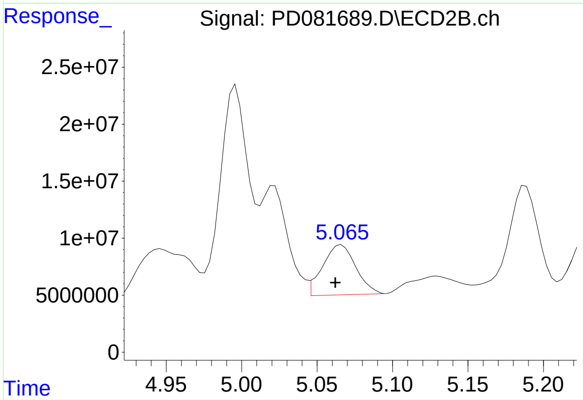
R.T.: 4.996 min
Delta R.T.: -0.002 min
Response: 244576336
Conc: 78.38 ng/ml




#11 cis-Chlordane

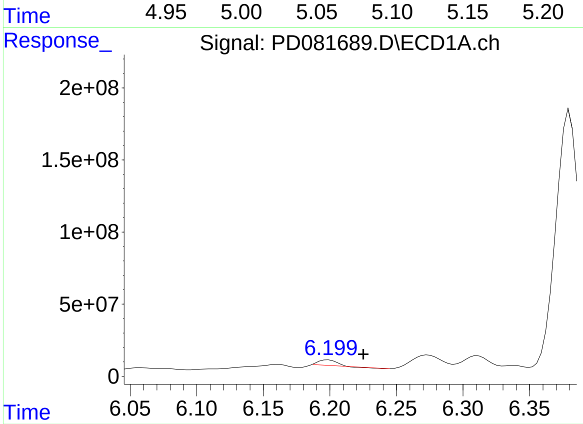
R.T.: 6.058 min
Delta R.T.: 0.004 min
Response: 26705230
Conc: 11.86 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9



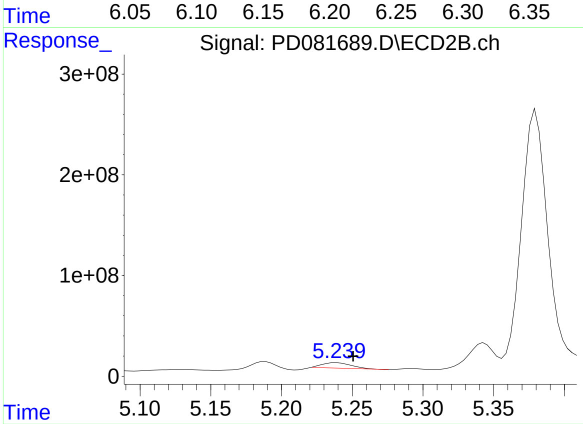

#11 cis-Chlordane

R.T.: 5.066 min
Delta R.T.: 0.004 min
Response: 67338410
Conc: 21.02 ng/ml



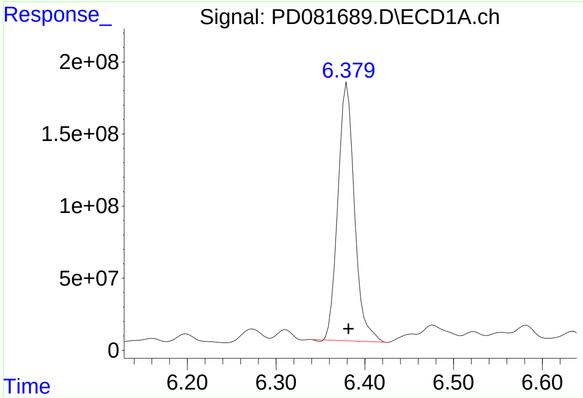

#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: -0.026 min
Response: 33494218
Conc: 15.60 ng/ml




#12 4,4'-DDE

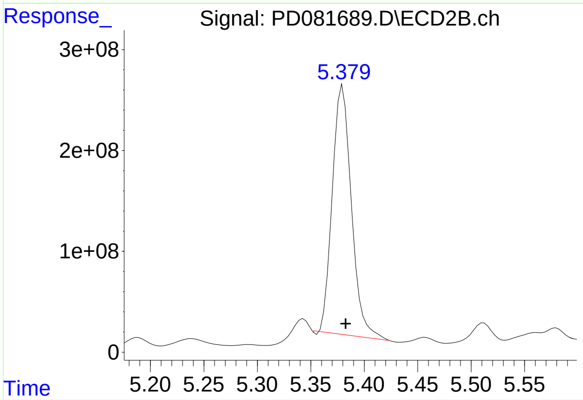
R.T.: 5.239 min
Delta R.T.: -0.012 min
Response: 78773237
Conc: 26.64 ng/ml




#13 Dieldrin

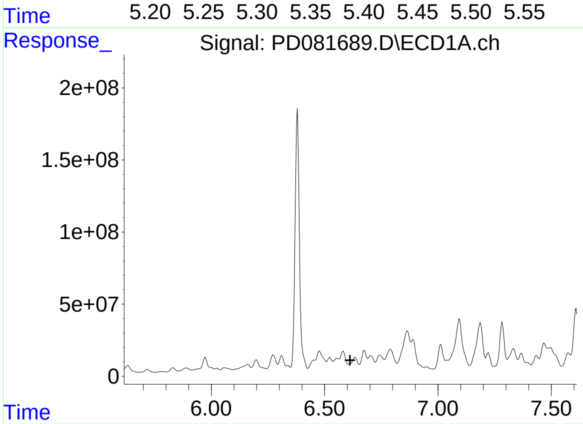
R.T.: 6.380 min
Delta R.T.: -0.002 min
Response: 2318391158
Conc: 1044.13 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9



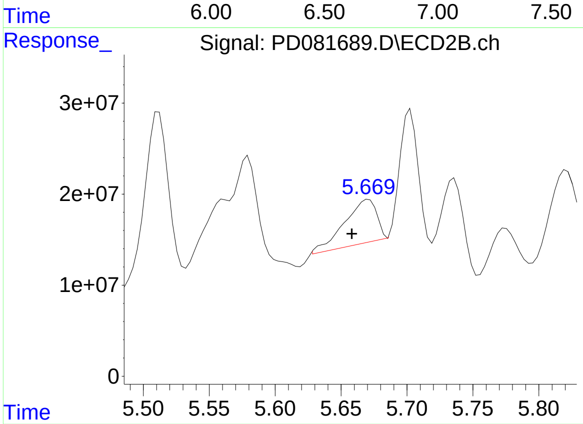

#13 Dieldrin

R.T.: 5.380 min
Delta R.T.: -0.003 min
Response: 3059131124
Conc: 931.39 ng/ml



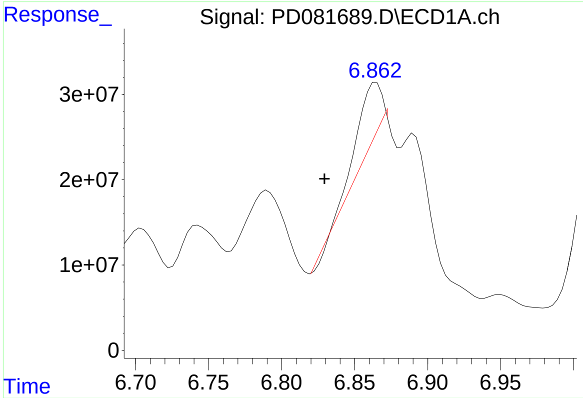

#14 Endrin

R.T.: 6.634 min
Delta R.T.: 0.022 min
Response: -1598890
Conc: N.D.




#14 Endrin

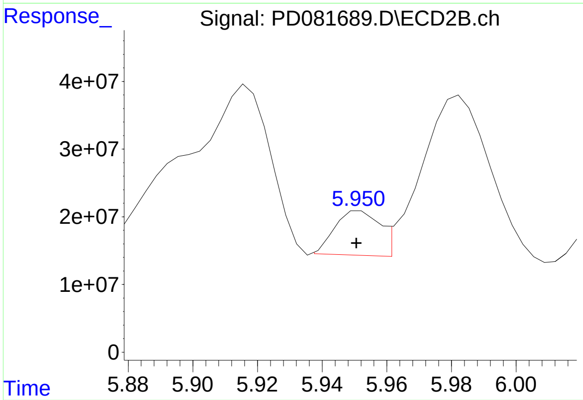
R.T.: 5.671 min
Delta R.T.: 0.013 min
Response: 80548524
Conc: 28.04 ng/ml




#15 Endosulfan II

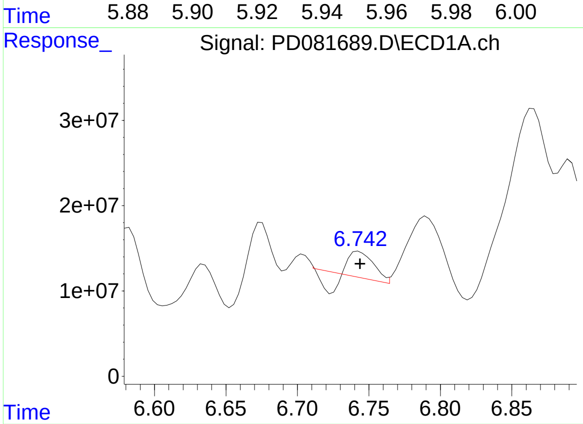
R.T.: 6.865 min
Delta R.T.: 0.036 min
Response: 75513546
Conc: 39.12 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9



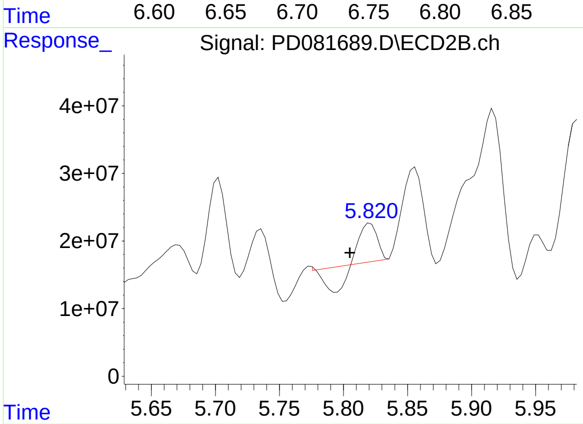

#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.001 min
Response: 62159225
Conc: 22.02 ng/ml



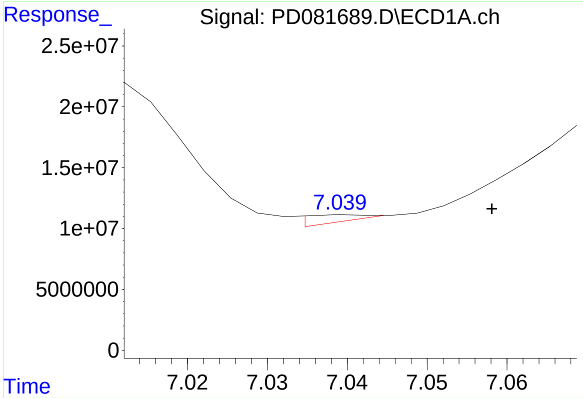

#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 26484970
Conc: 15.95 ng/ml




#16 4,4'-DDD

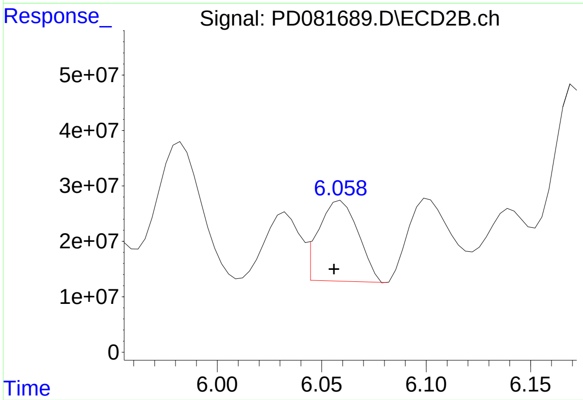
R.T.: 5.821 min
Delta R.T.: 0.016 min
Response: 19195577
Conc: 7.62 ng/ml




#17 4,4'-DDT

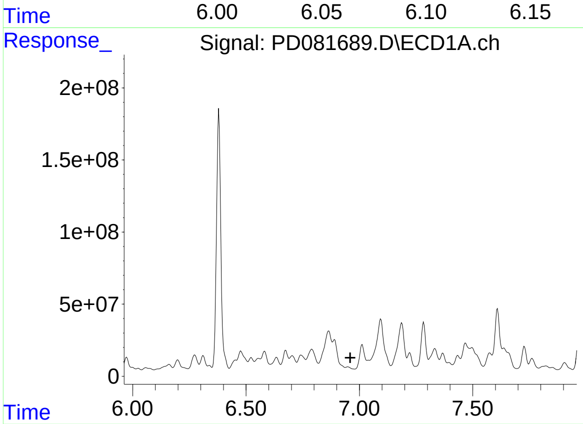
R.T.: 7.040 min
Delta R.T.: -0.018 min
Response: 2797882
Conc: 1.61 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9



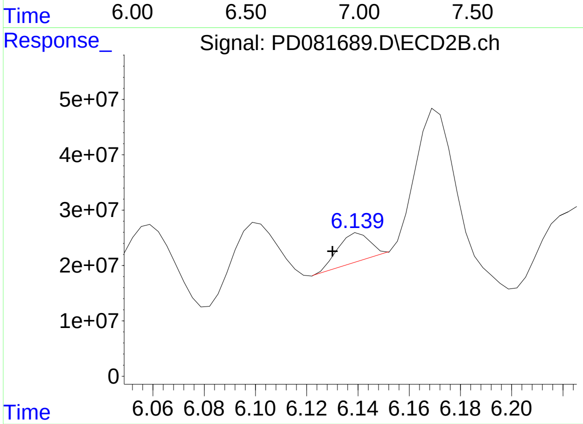

#17 4,4'-DDT

R.T.: 6.059 min
Delta R.T.: 0.003 min
Response: 191981347
Conc: 74.34 ng/ml



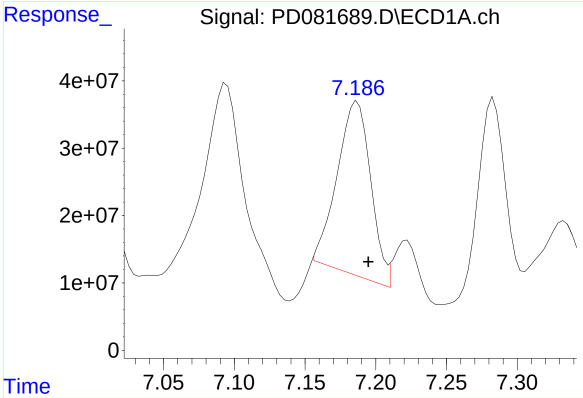

#18 Endrin aldehyde

R.T.: 6.950 min
Delta R.T.: -0.010 min
Response: -2141928
Conc: N.D.




#18 Endrin aldehyde

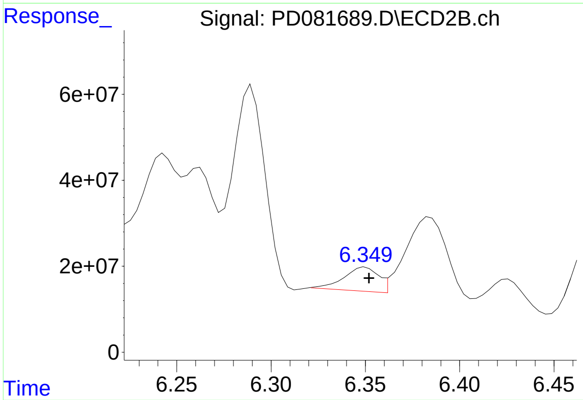
R.T.: 6.141 min
Delta R.T.: 0.011 min
Response: 42311337
Conc: 19.53 ng/ml




#19 Endosulfan Sulfate

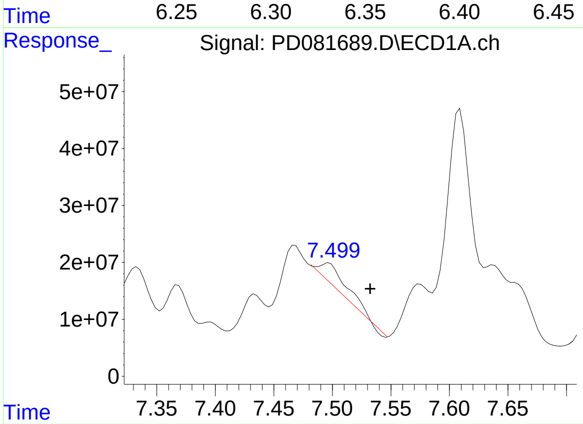
R.T.: 7.187 min
Delta R.T.: -0.008 min
Response: 427818564
Conc: 233.67 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9



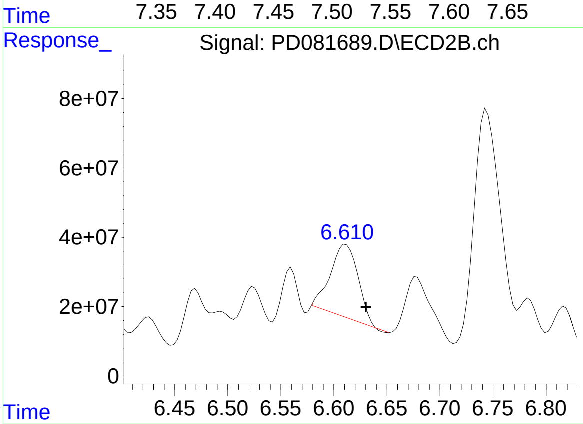

#19 Endosulfan Sulfate

R.T.: 6.350 min
Delta R.T.: -0.002 min
Response: 71901404
Conc: 26.80 ng/ml



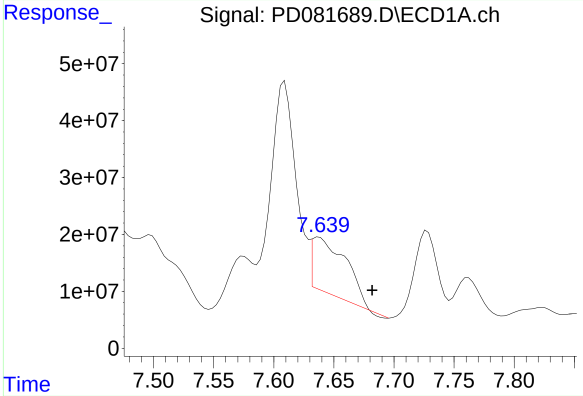

#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.035 min
Response: 62376232
Conc: 68.00 ng/ml




#20 Methoxychlor

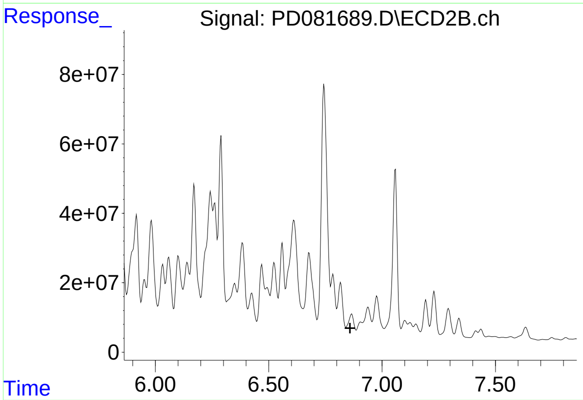
R.T.: 6.611 min
Delta R.T.: -0.019 min
Response: 382881563
Conc: 286.58 ng/ml




#21 Endrin ketone

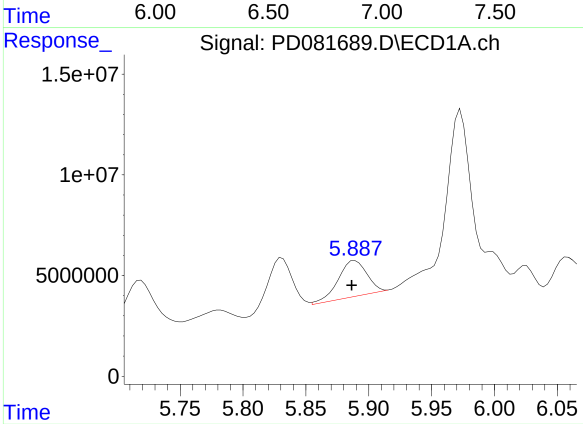
R.T.: 7.638 min
Delta R.T.: -0.044 min
Response: 191740768
Conc: 99.16 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9



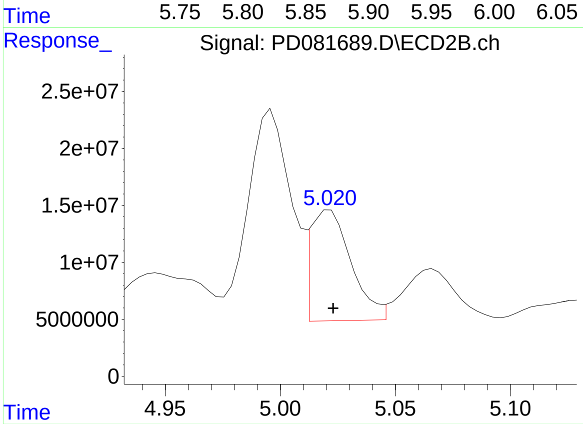

#21 Endrin ketone

R.T.: 6.866 min
Delta R.T.: 0.008 min
Response: -27245591
Conc: N.D.



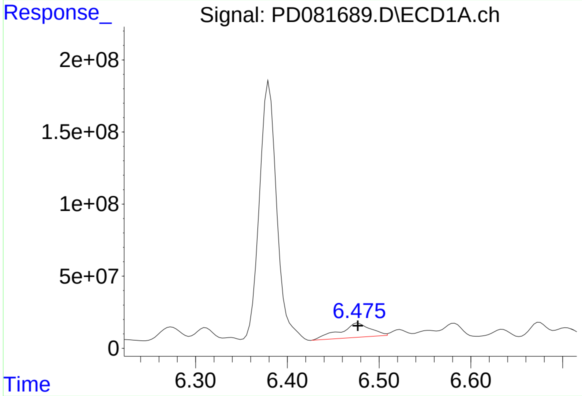

#22 Toxaphene-1

R.T.: 5.889 min
Delta R.T.: 0.002 min
Response: 28319123
Conc: 4335.71 ng/ml




#22 Toxaphene-1

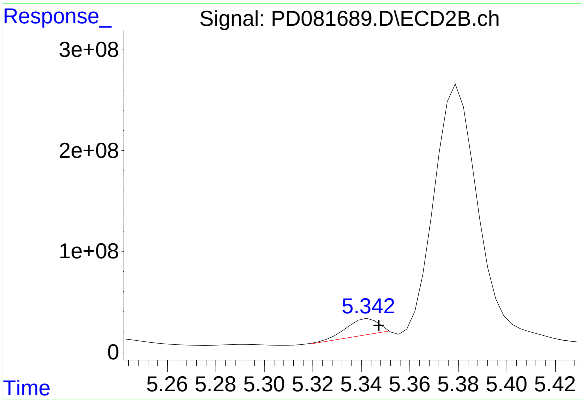
R.T.: 5.022 min
Delta R.T.: -0.001 min
Response: 119627127
Conc: 7306.73 ng/ml




#23 Toxaphene-2

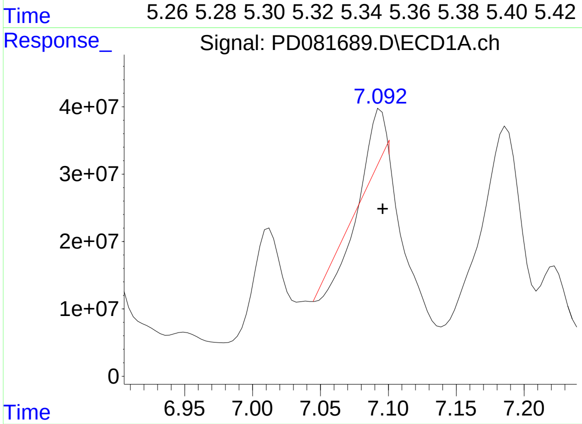
```
      R.T.:    6.477 min
Delta R.T.:    0.000 min
  Response: 228357112
      Conc: 12045.65 ng/
```

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9



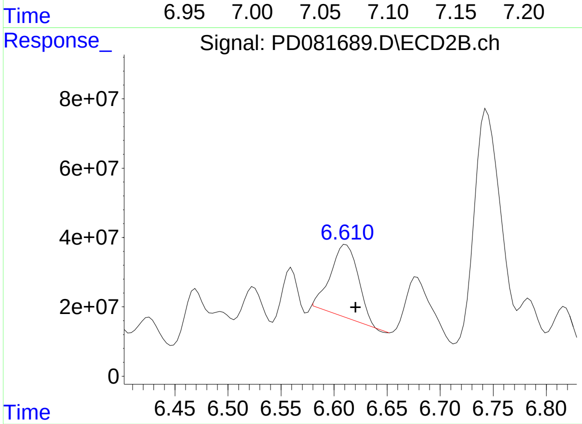

#23 Toxaphene-2

```
      R.T.:    5.343 min
Delta R.T.:   -0.004 min
  Response: 163457562
      Conc: 9590.72 ng/ml
```



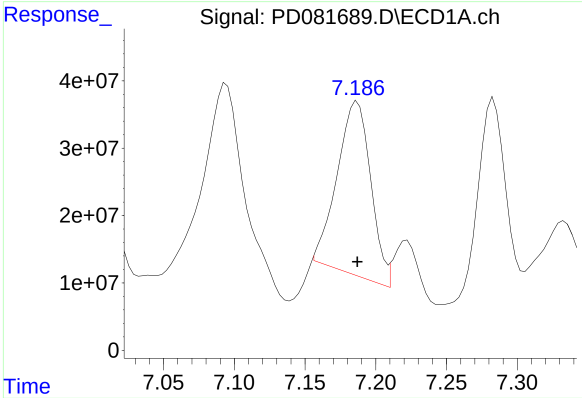

#24 Toxaphene-3

```
      R.T.:    7.094 min
Delta R.T.:   -0.001 min
  Response:  19428004
      Conc: 367.36 ng/ml
```



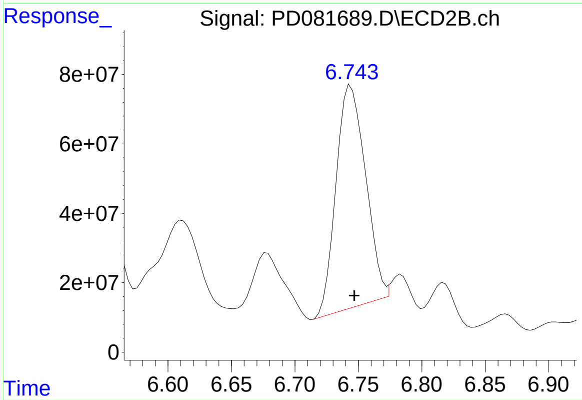

#24 Toxaphene-3

```
      R.T.:    6.611 min
Delta R.T.:   -0.009 min
  Response: 382881563
      Conc: 6541.44 ng/ml
```

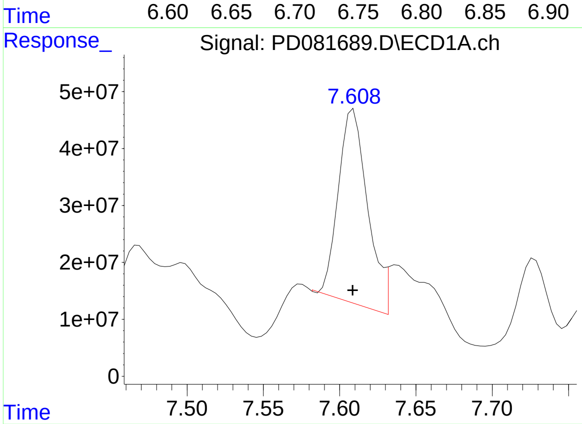



```
#25  Toxaphene-4

      R.T.:    7.187 min
Delta R.T.:    0.000 min
  Response: 427818564
      Conc: 10815.09 ng/
```

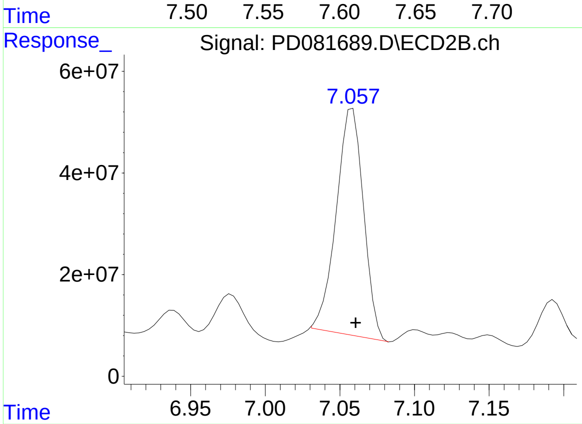
**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9



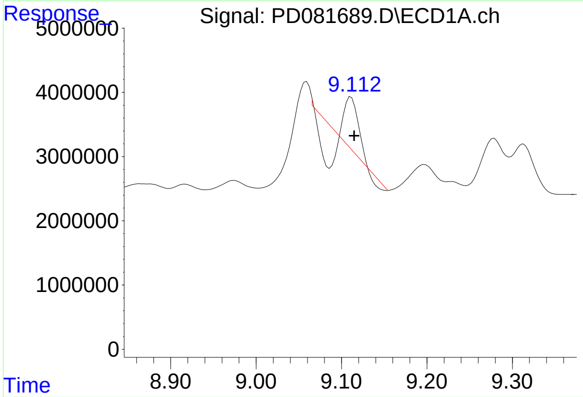

```
#25  Toxaphene-4

      R.T.:    6.744 min
Delta R.T.:   -0.003 min
  Response: 1035267836
      Conc: 13009.77 ng/ml
```




```
#26  Toxaphene-5

      R.T.:    7.609 min
Delta R.T.:    0.000 min
  Response: 456348869
      Conc: 15386.93 ng/ml
```



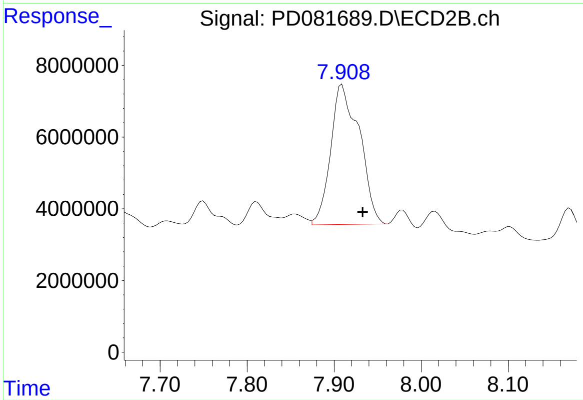

```
#26  Toxaphene-5

      R.T.:    7.059 min
Delta R.T.:   -0.002 min
  Response: 563888307
      Conc: 17389.45 ng/ml
```




#27 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.004 min
Response: 3271831
Conc: 1.70 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
BGSA9




#27 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.024 min
Response: 89567838
Conc: 36.11 ng/ml