

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020924\  
 Data File : PD081249.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Feb 2024 08:53  
 Operator : AR\AJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 HEXANE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 09 21:37:02 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 11:14:56 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... | 0.000  | 2.785  | 0        | 288102   | N.D.   | 0.120 #   |
| 28)                         | SA Decachlor... | 9.095f | 7.935  | 431737   | 2024292  | 0.215  | 0.760 #   |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 4.026  | 3.309  | 132404   | 107708   | 0.053  | 0.028 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 3.629  | 0        | 972925   | N.D.   | 0.260 #   |
| 4)                          | MA Heptachlor   | 4.917f | 3.958  | 675194   | 131683   | 0.274  | 0.038 #   |
| 5)                          | MB Aldrin       | 5.295  | 4.259  | 721157   | 37130968 | 0.294  | 10.195 #  |
| 7)                          | B delta-BHC     | 4.801  | 4.151  | 1605588  | 2181563  | 0.640  | 0.581     |
| 8)                          | B Heptachlo...  | 5.720  | 4.756  | 26486359 | 998208   | 11.828 | 0.298 #   |
| 9)                          | A Endosulfan I  | 6.094  | 0.000  | 5971351  | 0        | 2.879  | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.963  | 0.000  | 7060171  | 0        | 3.225  | N.D. #    |
| 11)                         | B alpha-Chl...  | 6.041  | 5.044f | 12736096 | 245207   | 5.849  | 0.075 #   |
| 12)                         | B 4,4'-DDE      | 6.229  | 0.000  | 410803   | 0        | 0.202  | N.D. #    |
| 13)                         | MA Dieldrin     | 6.388  | 5.392  | 240079   | 1808004  | 0.109  | 0.532 #   |
| 14)                         | MA Endrin       | 0.000  | 5.674f | 0        | 70460190 | N.D.   | 23.777 #  |
| 15)                         | B Endosulfa...  | 6.830  | 5.947  | 75181    | 3373307  | 0.039  | 1.173 #   |
| 16)                         | A 4,4'-DDD      | 6.744  | 0.000  | 348628   | 0        | 0.212  | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 7.087f | 6.045  | 1312073  | 532214   | 0.737  | 0.201 #   |
| 18)                         | B Endrin al...  | 6.949  | 0.000  | 739255   | 0        | 0.486  | N.D. #    |
| 19)                         | B Endosulfa...  | 0.000  | 6.350  | 0        | 1348845  | N.D.   | 0.484 #   |
| 22)                         | Mirex           | 0.000  | 7.052  | 0        | 714574   | N.D.   | 0.284 #   |
| 23)                         | Chlordane-1     | 4.710f | 3.796  | 63952    | 474766   | 0.828  | 4.669 #   |
| 24)                         | Chlordane-2     | 0.000  | 4.389f | 0        | 51262231 | N.D.   | 418.225 # |
| 25)                         | Chlordane-3     | 5.963  | 0.000  | 7060171  | 0        | 22.357 | N.D. #    |
| 26)                         | Chlordane-4     | 6.041f | 5.044f | 12736096 | 245207   | 33.450 | 0.772 #   |
| 27)                         | Chlordane-5     | 0.000  | 5.947  | 0        | 3373307  | N.D.   | 27.823 #  |
| -----                       |                 |        |        |          |          |        |           |

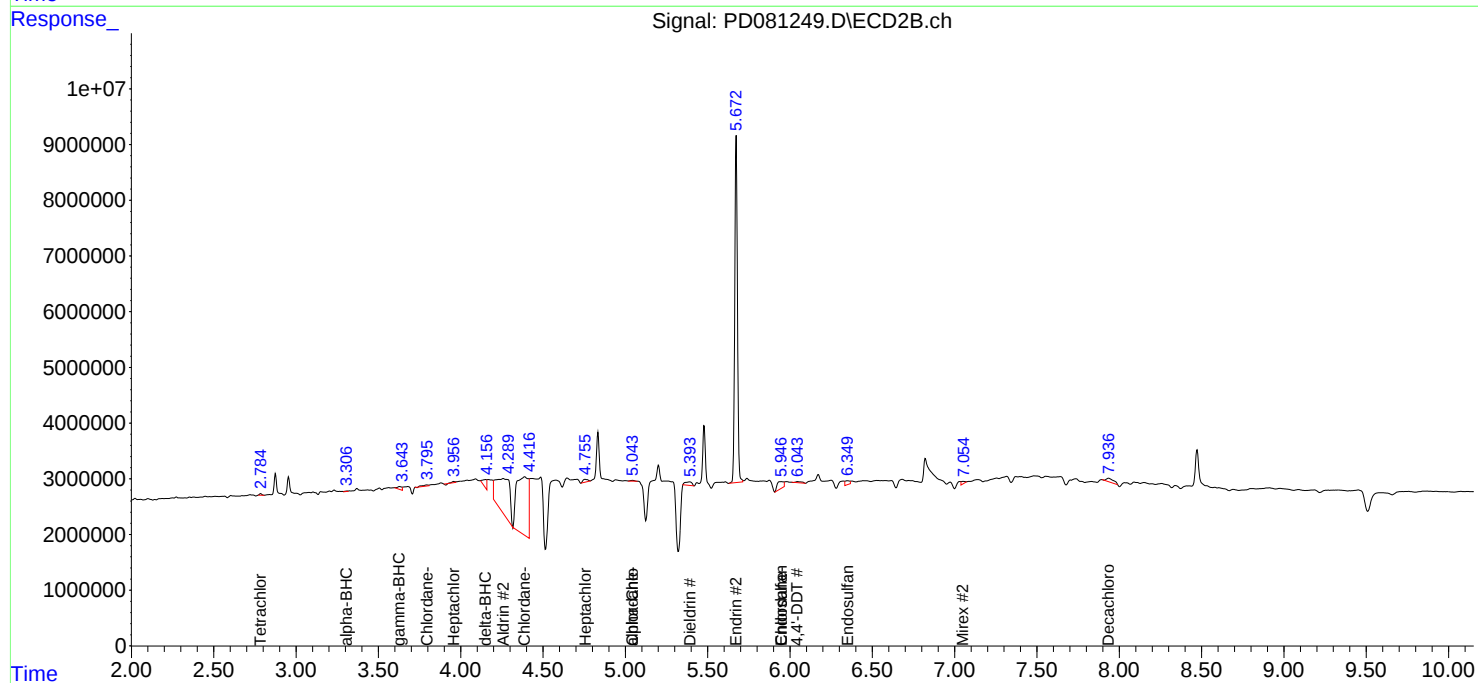
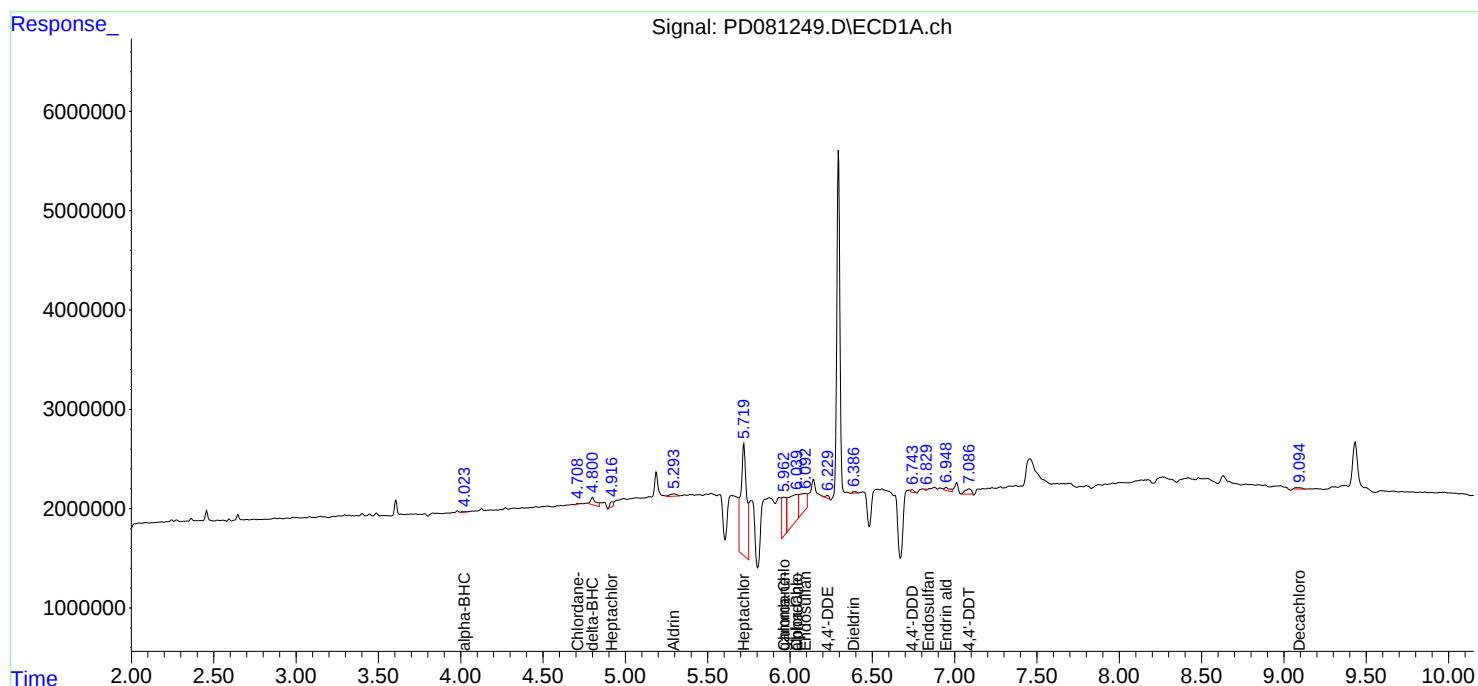
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

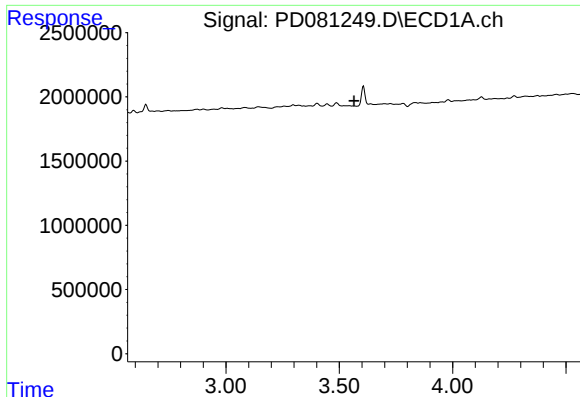
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020924\  
Data File : PD081249.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Feb 2024 08:53  
Operator : AR\AJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 09 21:37:02 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 25 11:14:56 2024  
Response via : Initial Calibration  
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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

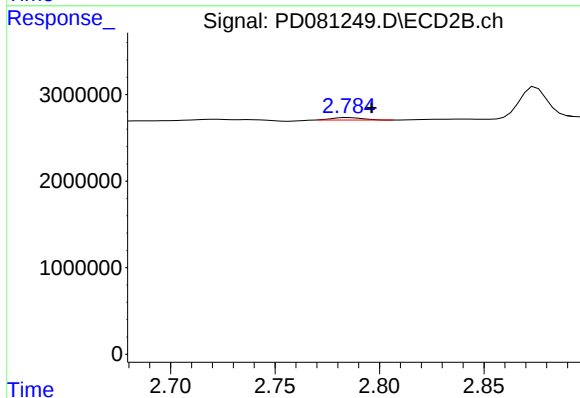




#1 Tetrachloro-m-xylene

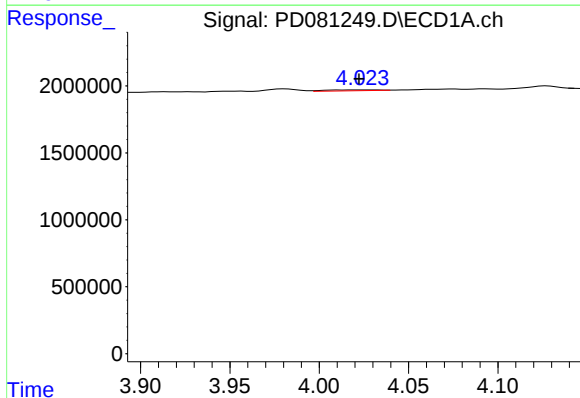
R.T.: 0.000 min  
Exp R.T.: 3.566 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



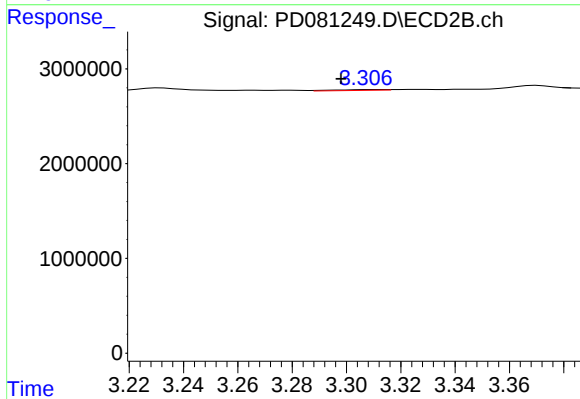
#1 Tetrachloro-m-xylene

R.T.: 2.785 min  
Delta R.T.: -0.011 min  
Response: 288102  
Conc: 0.12 ng/ml



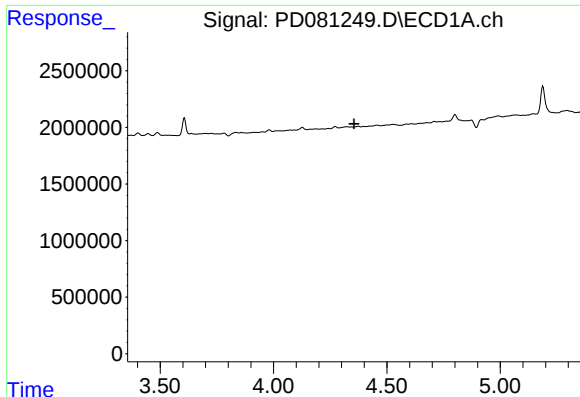
#2 alpha-BHC

R.T.: 4.026 min  
Delta R.T.: 0.003 min  
Response: 132404  
Conc: 0.05 ng/ml



#2 alpha-BHC

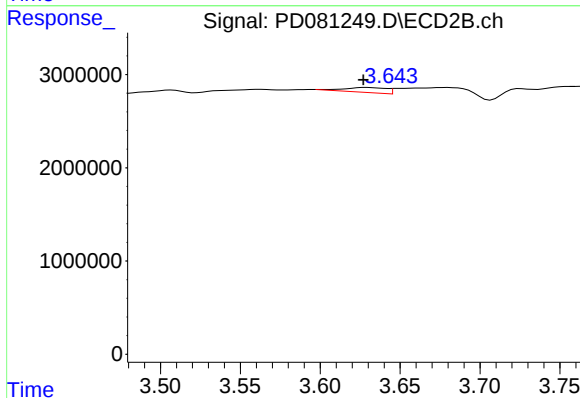
R.T.: 3.309 min  
Delta R.T.: 0.012 min  
Response: 107708  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

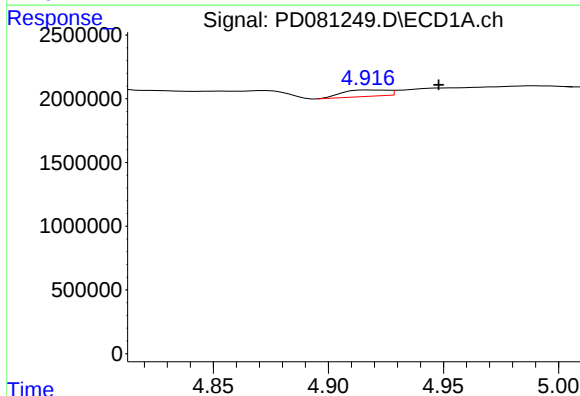
R.T.: 0.000 min  
Exp R.T.: 4.355 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



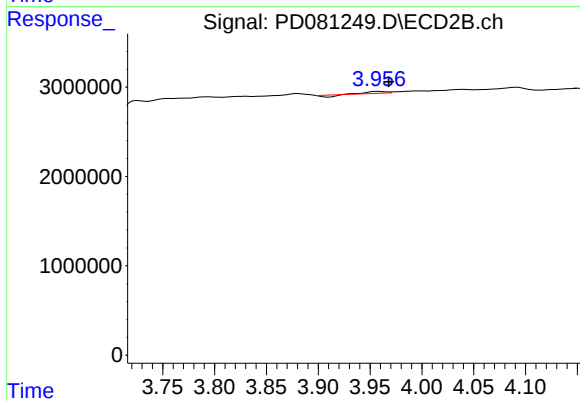
#3 gamma-BHC (Lindane)

R.T.: 3.629 min  
Delta R.T.: 0.002 min  
Response: 972925  
Conc: 0.26 ng/ml



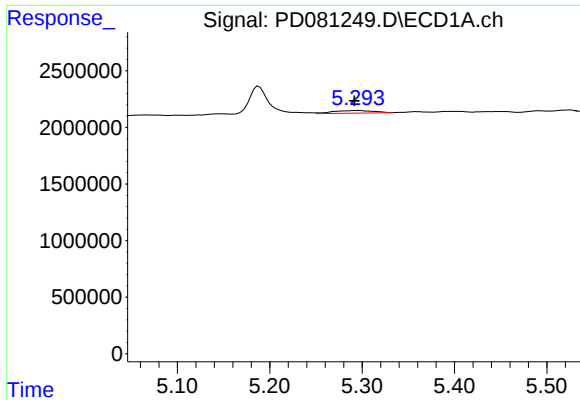
#4 Heptachlor

R.T.: 4.917 min  
Delta R.T.: -0.030 min  
Response: 675194  
Conc: 0.27 ng/ml



#4 Heptachlor

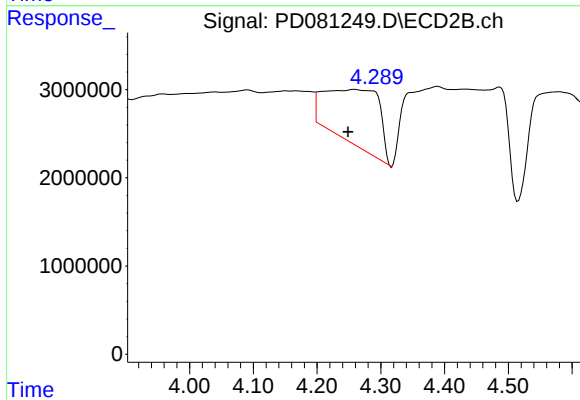
R.T.: 3.958 min  
Delta R.T.: -0.010 min  
Response: 131683  
Conc: 0.04 ng/ml



#5 Aldrin

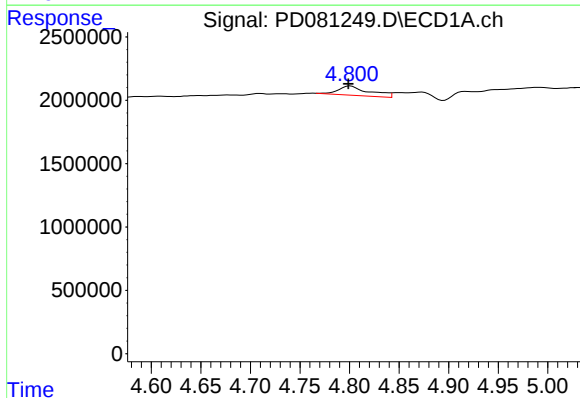
R.T.: 5.295 min  
Delta R.T.: 0.003 min  
Response: 721157  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



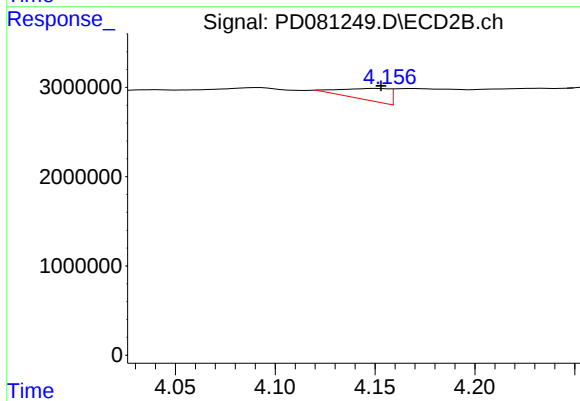
#5 Aldrin

R.T.: 4.259 min  
Delta R.T.: 0.010 min  
Response: 37130968  
Conc: 10.20 ng/ml



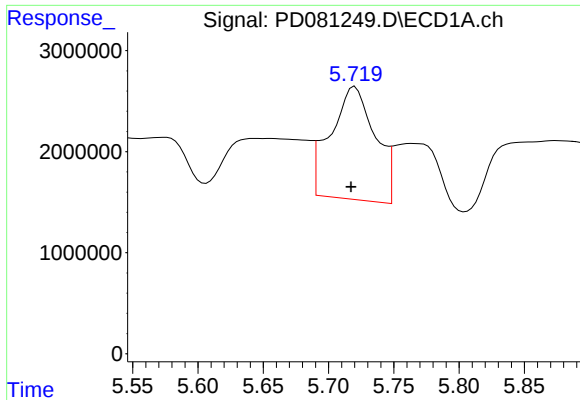
#7 delta-BHC

R.T.: 4.801 min  
Delta R.T.: 0.002 min  
Response: 1605588  
Conc: 0.64 ng/ml



#7 delta-BHC

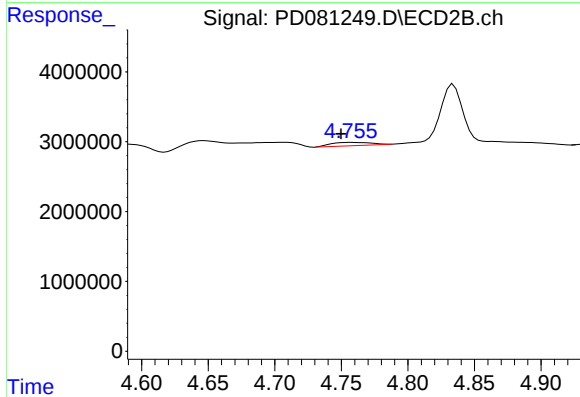
R.T.: 4.151 min  
Delta R.T.: -0.002 min  
Response: 2181563  
Conc: 0.58 ng/ml



#8 Heptachlor epoxide

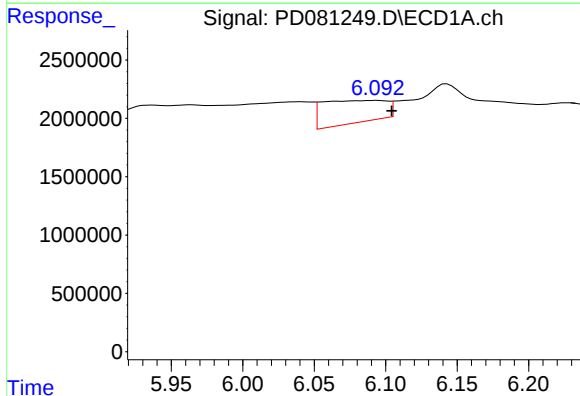
R.T.: 5.720 min  
Delta R.T.: 0.003 min  
Response: 26486359  
Conc: 11.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



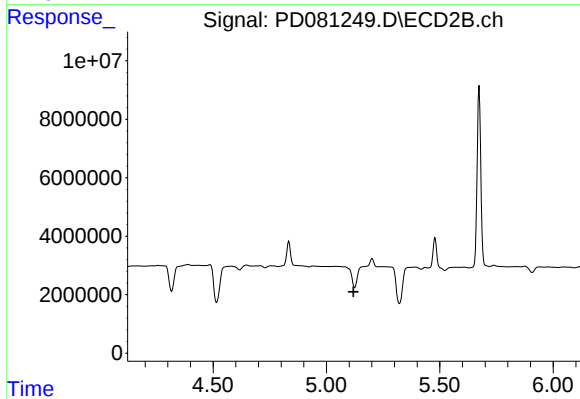
#8 Heptachlor epoxide

R.T.: 4.756 min  
Delta R.T.: 0.007 min  
Response: 998208  
Conc: 0.30 ng/ml



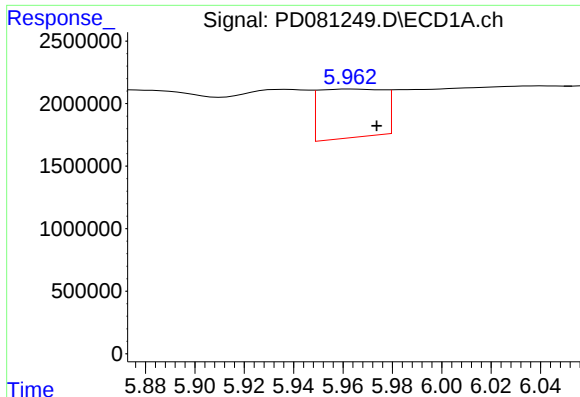
#9 Endosulfan I

R.T.: 6.094 min  
Delta R.T.: -0.010 min  
Response: 5971351  
Conc: 2.88 ng/ml



#9 Endosulfan I

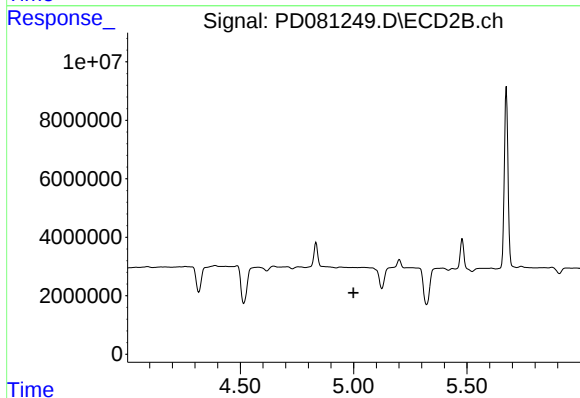
R.T.: 0.000 min  
Exp R.T. : 5.120 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

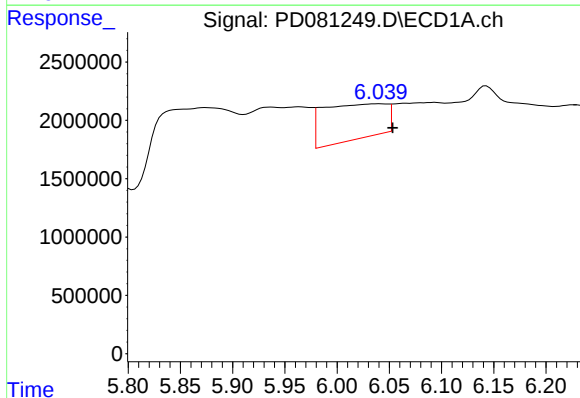
R.T.: 5.963 min  
Delta R.T.: -0.010 min  
Response: 7060171  
Conc: 3.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



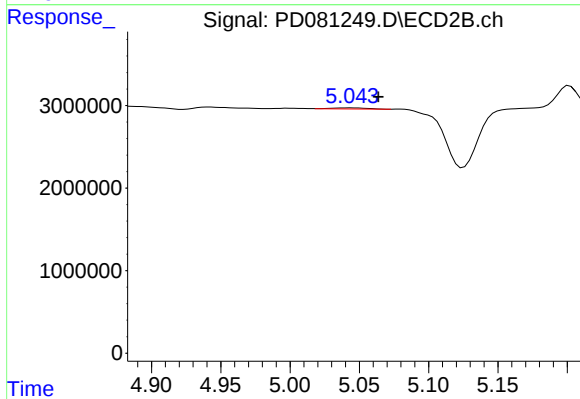
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.000 min  
Response: 0  
Conc: N.D.



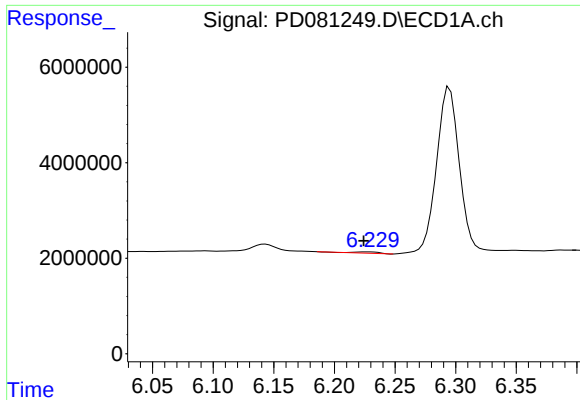
#11 alpha-Chlordane

R.T.: 6.041 min  
Delta R.T.: -0.012 min  
Response: 12736096  
Conc: 5.85 ng/ml



#11 alpha-Chlordane

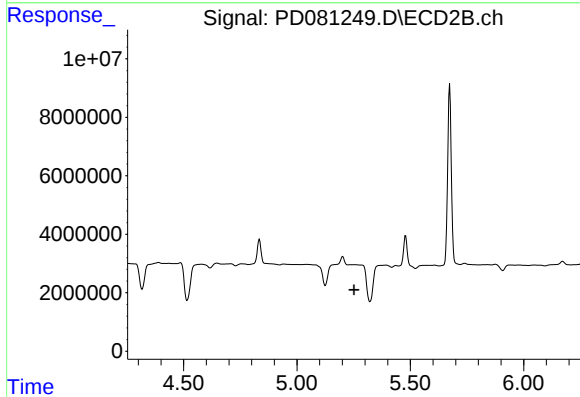
R.T.: 5.044 min  
Delta R.T.: -0.020 min  
Response: 245207  
Conc: 0.07 ng/ml



#12 4,4'-DDE

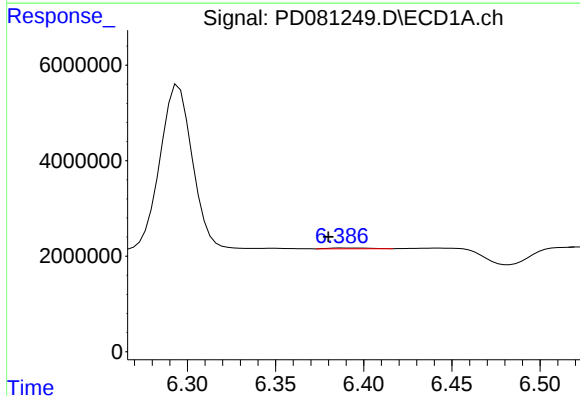
R.T.: 6.229 min  
Delta R.T.: 0.005 min  
Response: 410803  
Conc: 0.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



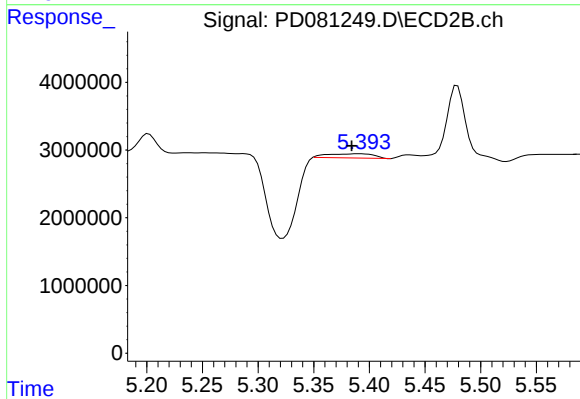
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.252 min  
Response: 0  
Conc: N.D.



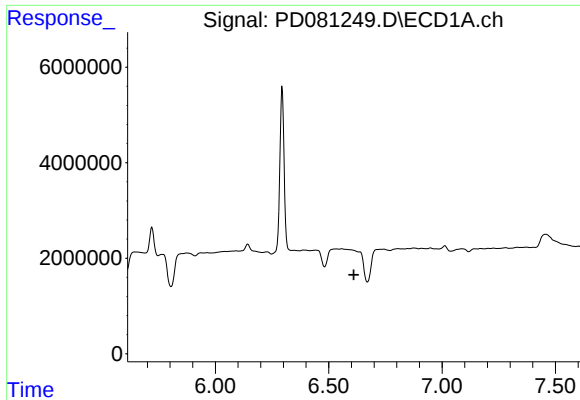
#13 Dieldrin

R.T.: 6.388 min  
Delta R.T.: 0.008 min  
Response: 240079  
Conc: 0.11 ng/ml



#13 Dieldrin

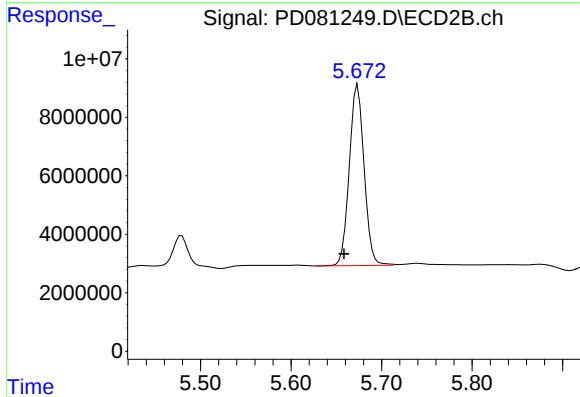
R.T.: 5.392 min  
Delta R.T.: 0.008 min  
Response: 1808004  
Conc: 0.53 ng/ml



#14 Endrin

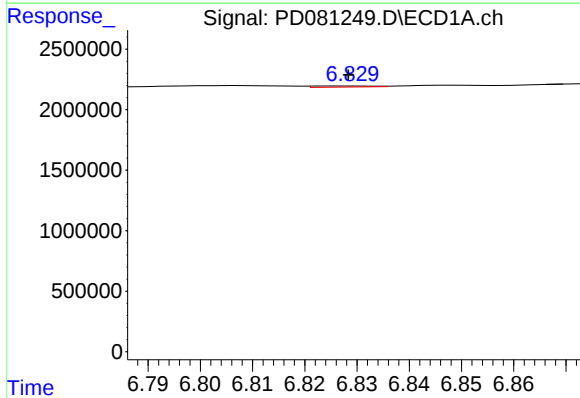
R.T.: 0.000 min  
Exp R.T.: 6.610 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



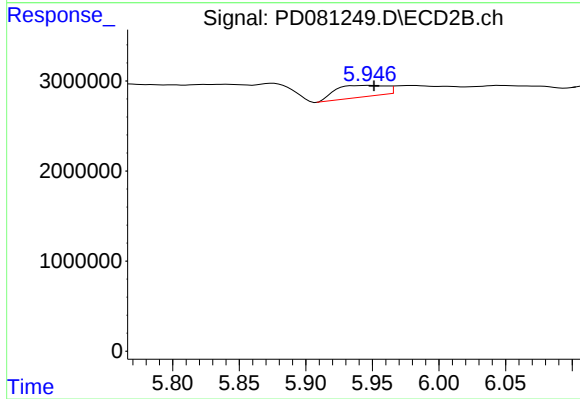
#14 Endrin

R.T.: 5.674 min  
Delta R.T.: 0.015 min  
Response: 70460190  
Conc: 23.78 ng/ml



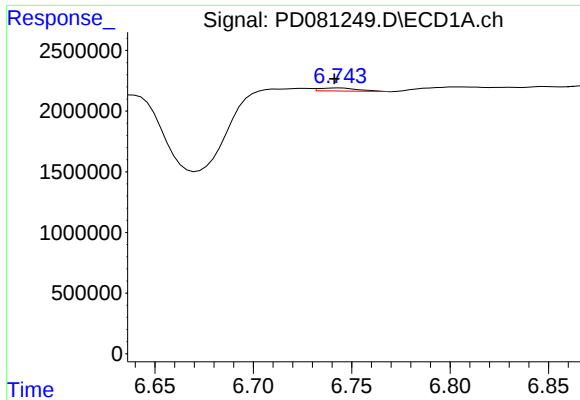
#15 Endosulfan II

R.T.: 6.830 min  
Delta R.T.: 0.002 min  
Response: 75181  
Conc: 0.04 ng/ml



#15 Endosulfan II

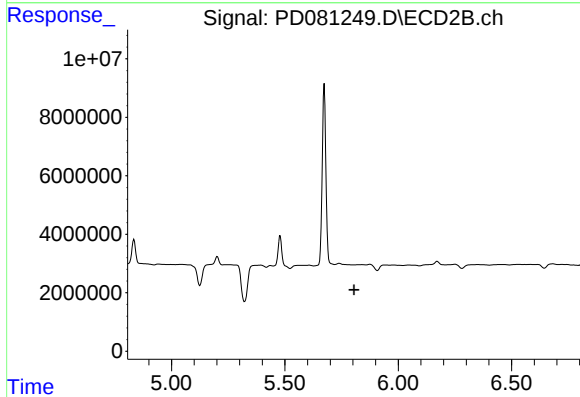
R.T.: 5.947 min  
Delta R.T.: -0.004 min  
Response: 3373307  
Conc: 1.17 ng/ml



#16 4,4'-DDD

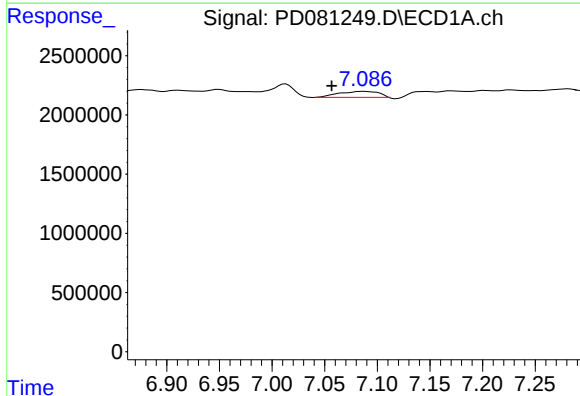
R.T.: 6.744 min  
Delta R.T.: 0.003 min  
Response: 348628  
Conc: 0.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



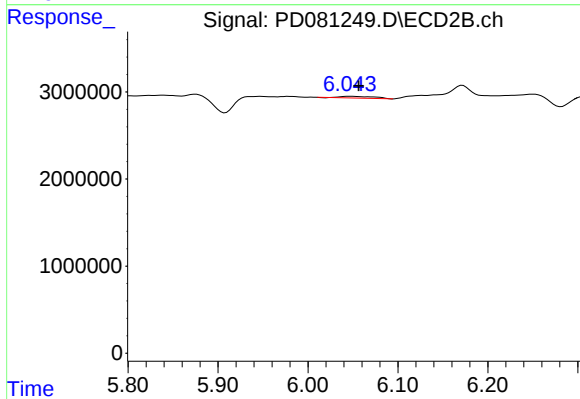
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.805 min  
Response: 0  
Conc: N.D.



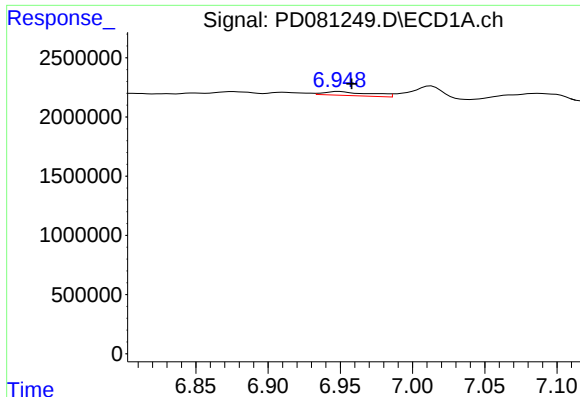
#17 4,4'-DDT

R.T.: 7.087 min  
Delta R.T.: 0.031 min  
Response: 1312073  
Conc: 0.74 ng/ml



#17 4,4'-DDT

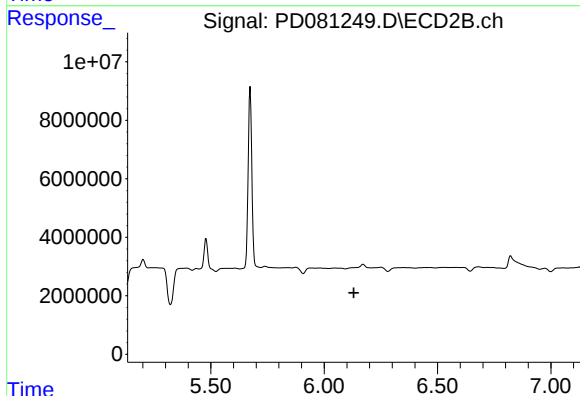
R.T.: 6.045 min  
Delta R.T.: -0.012 min  
Response: 532214  
Conc: 0.20 ng/ml



#18 Endrin aldehyde

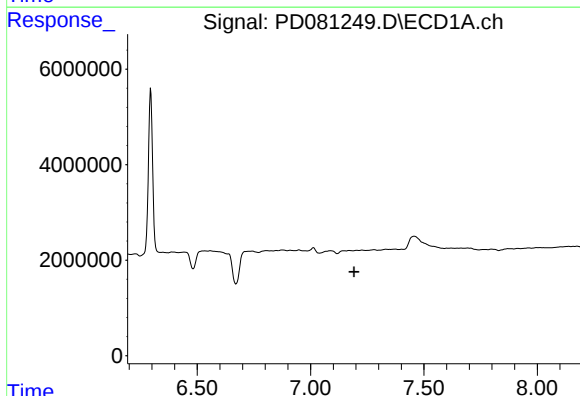
R.T.: 6.949 min  
Delta R.T.: -0.009 min  
Response: 739255  
Conc: 0.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



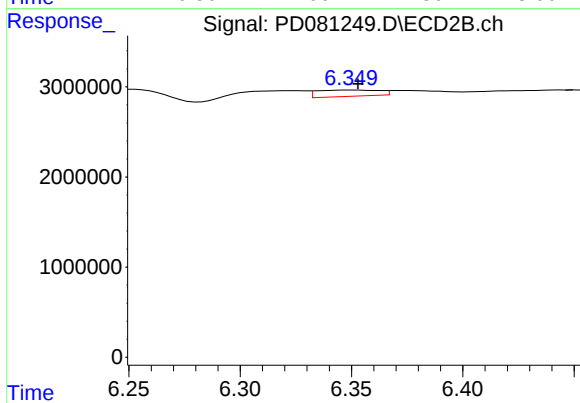
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.130 min  
Response: 0  
Conc: N.D.



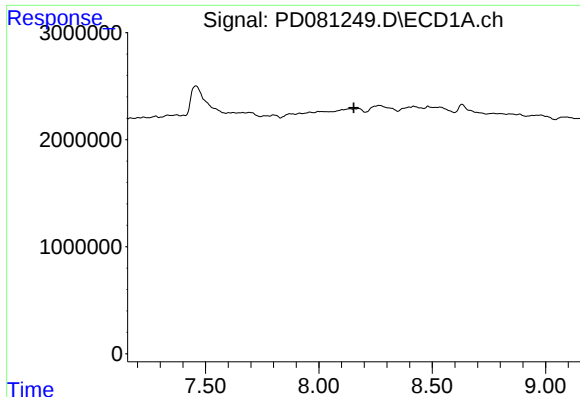
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.192 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

R.T.: 6.350 min  
Delta R.T.: -0.003 min  
Response: 1348845  
Conc: 0.48 ng/ml



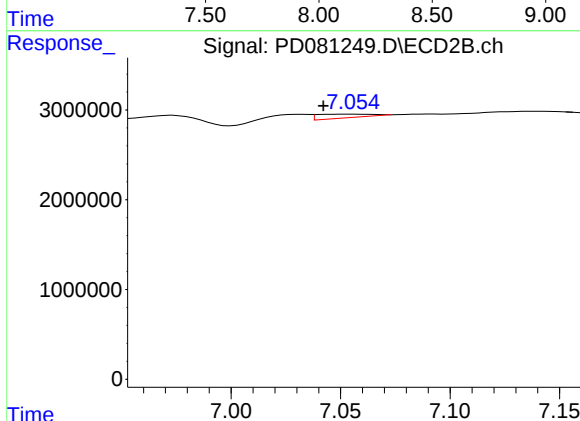
## #22 Mirex

```

      R.T.:      0.000 min
Exp R.T.  :      8.154 min
Response:          0
      Conc:      N.D.

```

**Instrument :**  
ECD\_D  
**ClientSampleId :**  
HEXANE

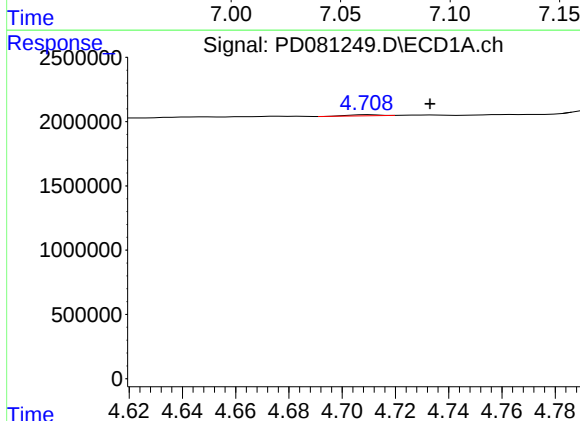


#22 Mirex

```

      R.T.:      7.052 min
Delta R.T.:      0.010 min
  Response:      714574
      Conc:      0.28 ng/ml

```

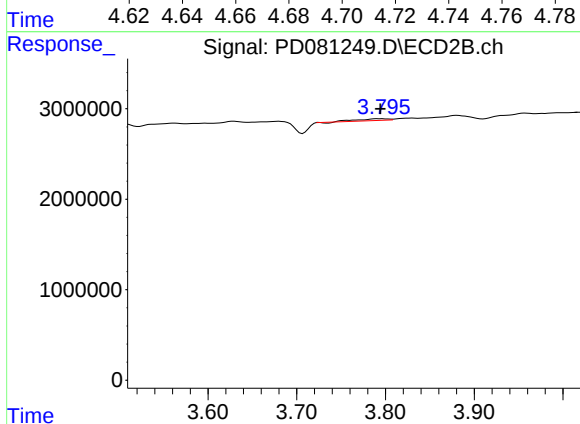


#23 Chlordane-1

```

      R.T.:      4.710 min
Delta R.T.:    -0.023 min
  Response:      63952
      Conc:      0.83 ng/ml

```

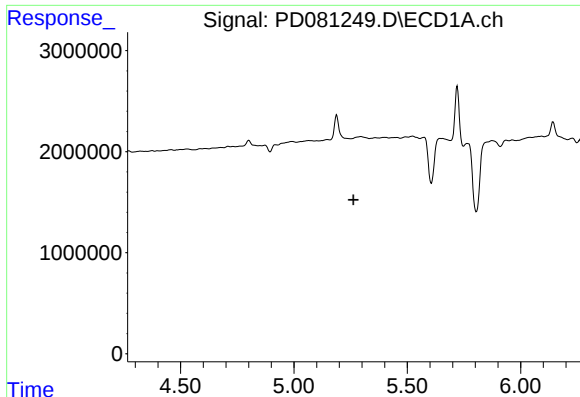


#23 Chlordane-1

```

      R.T.:    3.796 min
Delta R.T.:    0.002 min
  Response:   474766
      Conc:   4.67 ng/ml

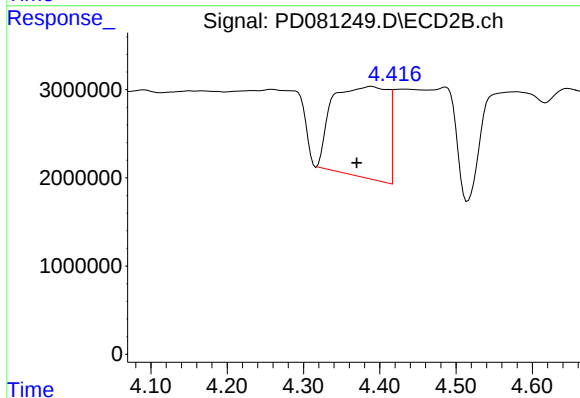
```



#24 Chlordane-2

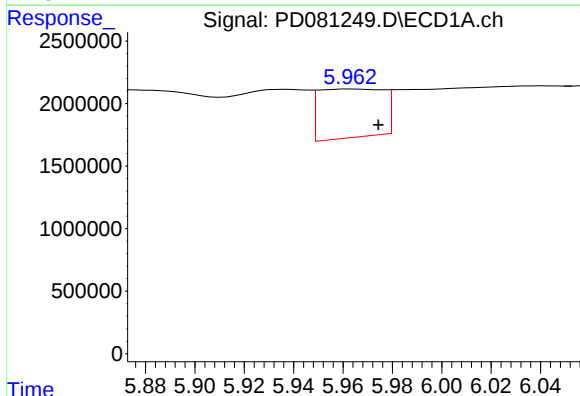
R.T.: 0.000 min  
Exp R.T.: 5.263 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



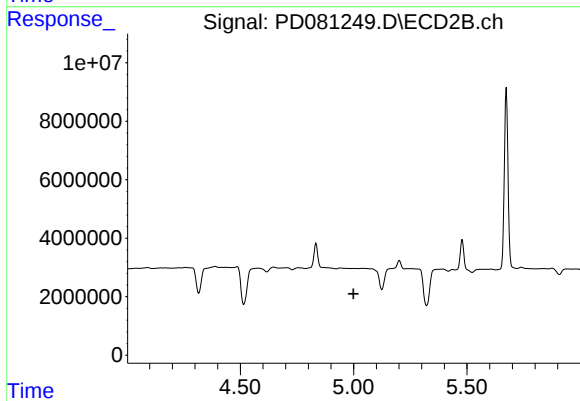
#24 Chlordane-2

R.T.: 4.389 min  
Delta R.T.: 0.019 min  
Response: 51262231  
Conc: 418.23 ng/ml



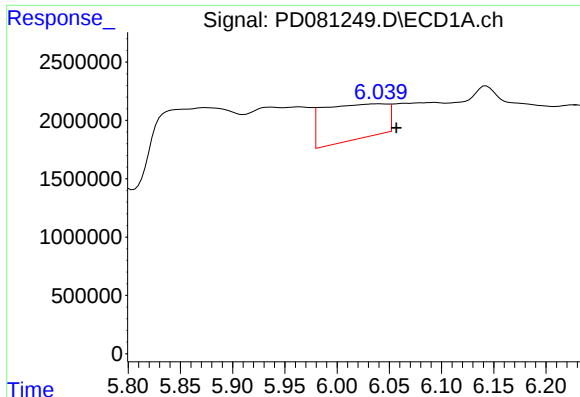
#25 Chlordane-3

R.T.: 5.963 min  
Delta R.T.: -0.011 min  
Response: 7060171  
Conc: 22.36 ng/ml



#25 Chlordane-3

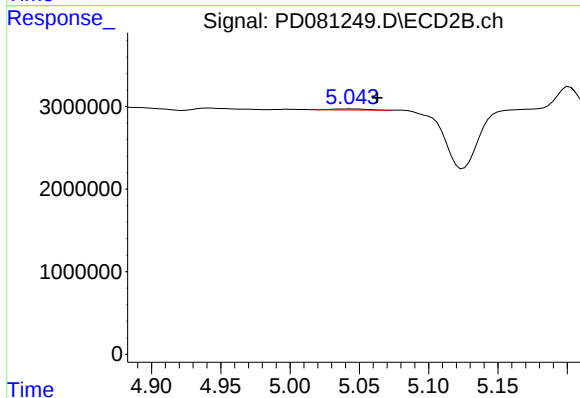
R.T.: 0.000 min  
Exp R.T.: 5.000 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

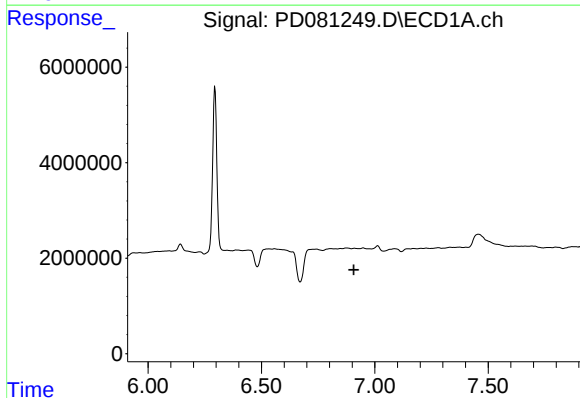
R.T.: 6.041 min  
Delta R.T.: -0.016 min  
Response: 12736096  
Conc: 33.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



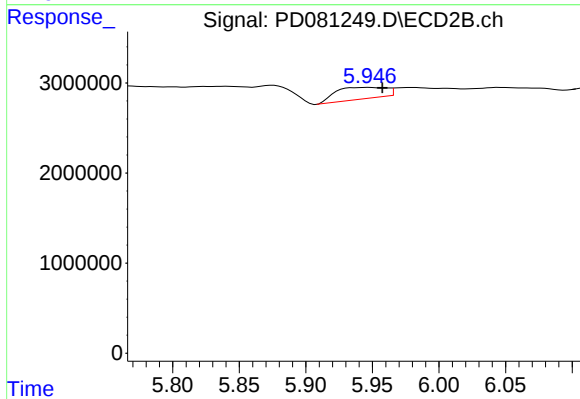
#26 Chlordane-4

R.T.: 5.044 min  
Delta R.T.: -0.019 min  
Response: 245207  
Conc: 0.77 ng/ml



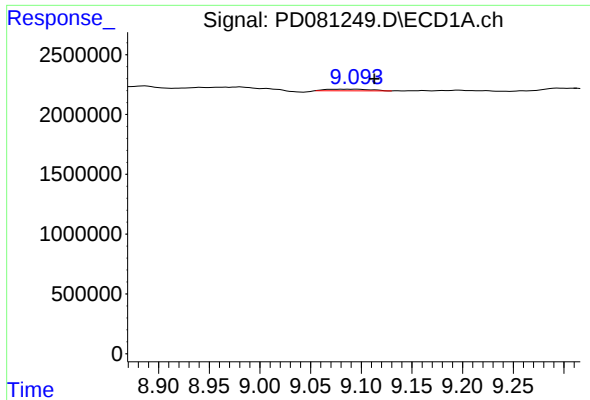
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.908 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

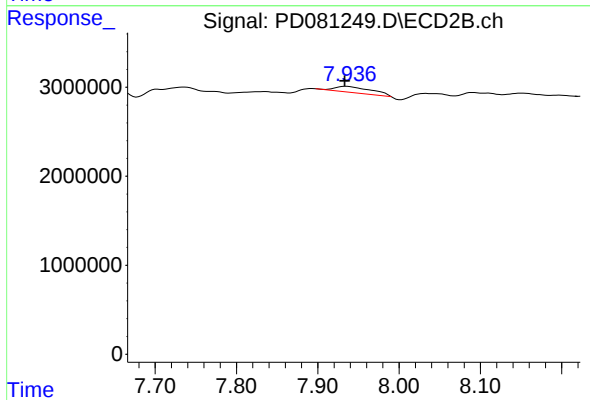
R.T.: 5.947 min  
Delta R.T.: -0.010 min  
Response: 3373307  
Conc: 27.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.095 min  
Delta R.T.: -0.018 min  
Response: 431737  
Conc: 0.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



#28 Decachlorobiphenyl

R.T.: 7.935 min  
Delta R.T.: 0.002 min  
Response: 2024292  
Conc: 0.76 ng/ml