

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022824\  
 Data File : PD081778.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Feb 2024 02:03  
 Operator : AR\AJ  
 Sample : TOXAPHENE404  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 29 05:23:24 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

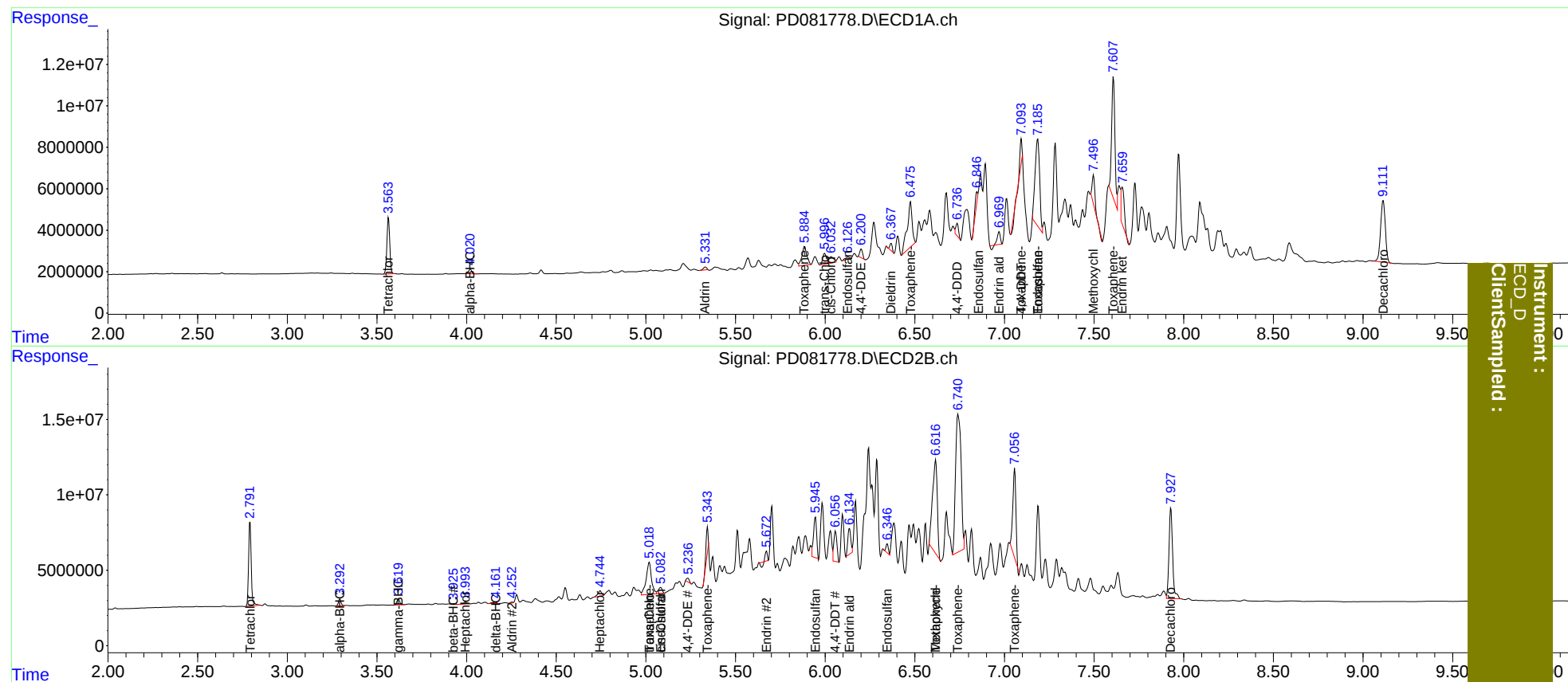
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.565  | 2.792  | 29999226 | 56516115 | 21.943   | 23.053     |
| 27)                         | SA Decachlor... | 9.113  | 7.928  | 55041218 | 83375732 | 28.528   | 33.610     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.021  | 3.293  | 2552376  | 4747701  | 1.093    | 1.235      |
| 3)                          | MA gamma-BHC... | 0.000  | 3.620  | 0        | 4440155  | N.D.     | 1.226      |
| 4)                          | MA Heptachlor   | 0.000  | 3.994f | 0        | 1642549  | N.D.     | 0.463      |
| 5)                          | MB Aldrin       | 5.332f | 4.254  | 1737128  | 483626   | 0.735    | 0.143 #    |
| 6)                          | B beta-BHC      | 0.000  | 3.927  | 0        | 691617   | N.D.     | 0.409      |
| 7)                          | B delta-BHC     | 0.000  | 4.162  | 0        | 1416443  | N.D.     | 0.378      |
| 8)                          | B Heptachlo...  | 0.000  | 4.745  | 0        | 5081008  | N.D.     | 1.584      |
| 9)                          | A Endosulfan I  | 6.127  | 5.083f | 1495874  | 6073836  | 0.710    | 2.029 #    |
| 10)                         | B trans-Chl...  | 5.997  | 5.019  | 7542461  | 43711237 | 3.445    | 14.008 #   |
| 11)                         | B cis-Chlor...  | 6.034  | 5.083  | 5818718  | 6073836  | 2.583    | 1.896 #    |
| 12)                         | B 4,4'-DDE      | 6.202  | 5.234  | 4596988  | 2658818  | 2.142    | 0.899 #    |
| 14)                         | MA Endrin       | 6.618  | 5.673  | -1200939 | 2163654  | N.D.     | 0.753      |
| 15)                         | B Endosulfa...  | 6.847  | 5.946  | 3718695  | 32814791 | 1.926    | 11.626 #   |
| 16)                         | A 4,4'-DDD      | 6.737  | 5.821  | 6716708  | -1784278 | 4.044    | N.D. #     |
| 17)                         | MA 4,4'-DDT     | 7.094f | 6.058  | 7177212  | 24526992 | 4.131    | 9.498 #    |
| 18)                         | B Endrin al...  | 6.970  | 6.136  | 5659996  | 19619153 | 3.789    | 9.054 #    |
| 19)                         | B Endosulfa...  | 7.186  | 6.346  | 74156882 | 5741502  | 40.504   | 2.140 #    |
| 20)                         | A Methoxychlor  | 7.497f | 6.617  | 15146218 | 114.4E6  | 16.512   | 85.656 #   |
| 21)                         | B Endrin ke...  | 7.658  | 6.867  | 22432988 | -501024  | 11.601   | N.D. #     |
| 22)                         | Toxaphene-1     | 5.885  | 5.019  | 17237268 | 43711237 | 2639.057 | 2669.847   |
| 23)                         | Toxaphene-2     | 6.476  | 5.344  | 42241706 | 17015829 | 2228.215 | 998.388 #  |
| 24)                         | Toxaphene-3     | 7.094  | 6.617  | 7177212  | 114.4E6  | 135.714  | 1955.190 # |
| 25)                         | Toxaphene-4     | 7.186  | 6.742  | 74156882 | 195.1E6  | 1874.658 | 2452.366 # |
| 26)                         | Toxaphene-5     | 7.608  | 7.057  | 73799475 | 67286149 | 2488.332 | 2075.002   |
| -----                       |                 |        |        |          |          |          |            |

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

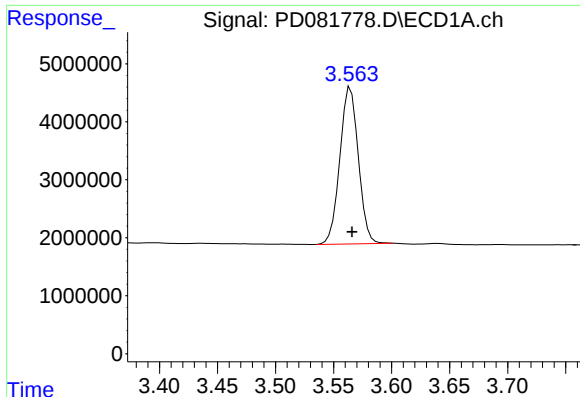
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022824\  
Data File : PD081778.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Feb 2024 02:03  
Operator : AR\AJ  
Sample : TOXAPHENE404  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 29 05:23:24 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



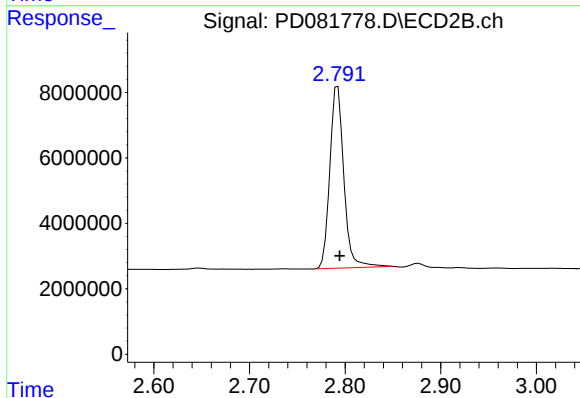
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

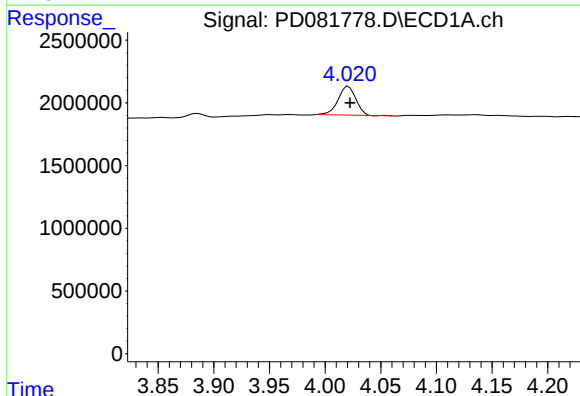
R.T.: 3.565 min  
Delta R.T.: -0.001 min  
Response: 29999226  
Conc: 21.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



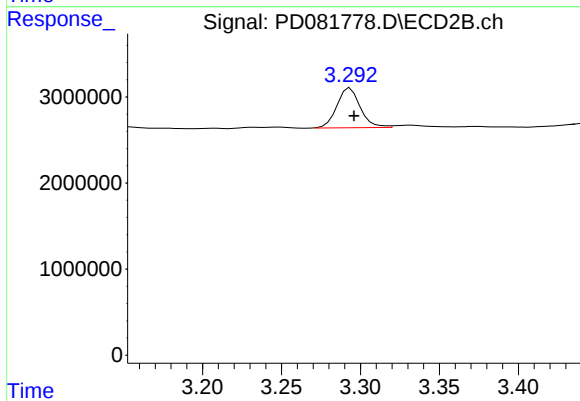
#1 Tetrachloro-m-xylene

R.T.: 2.792 min  
Delta R.T.: -0.002 min  
Response: 56516115  
Conc: 23.05 ng/ml



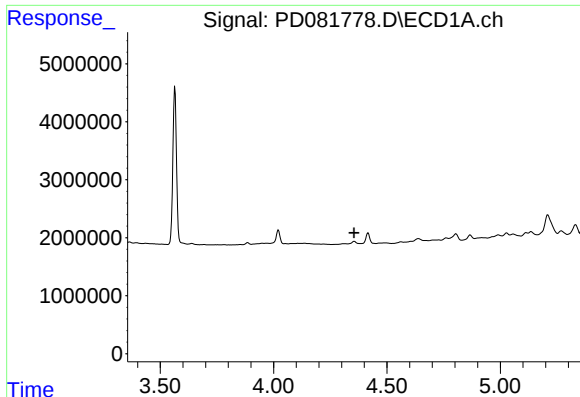
#2 alpha-BHC

R.T.: 4.021 min  
Delta R.T.: -0.001 min  
Response: 2552376  
Conc: 1.09 ng/ml



#2 alpha-BHC

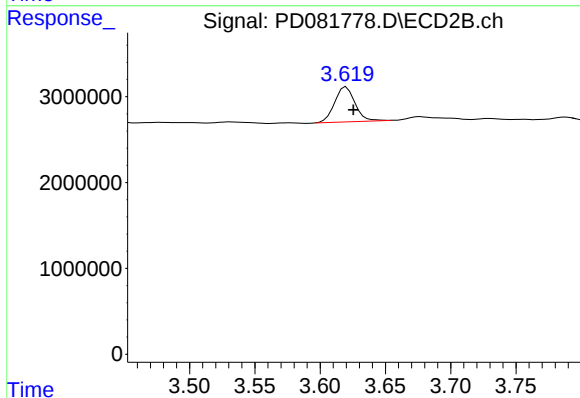
R.T.: 3.293 min  
Delta R.T.: -0.003 min  
Response: 4747701  
Conc: 1.23 ng/ml



#3 gamma-BHC (Lindane)

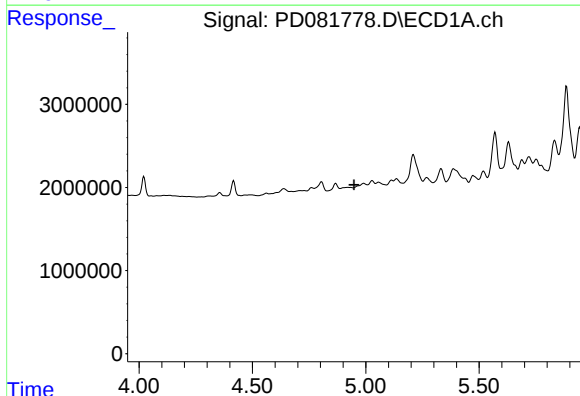
R.T.: 0.000 min  
Exp R.T.: 4.356 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



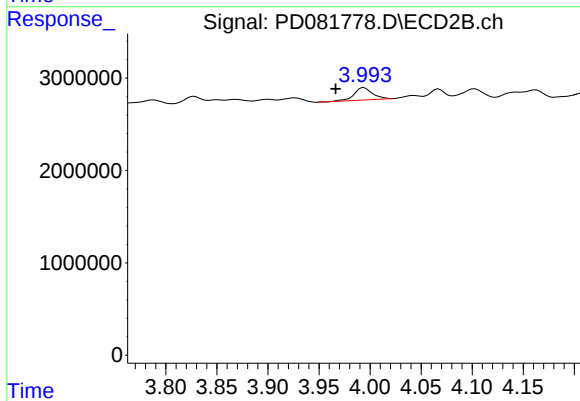
#3 gamma-BHC (Lindane)

R.T.: 3.620 min  
Delta R.T.: -0.005 min  
Response: 4440155  
Conc: 1.23 ng/ml



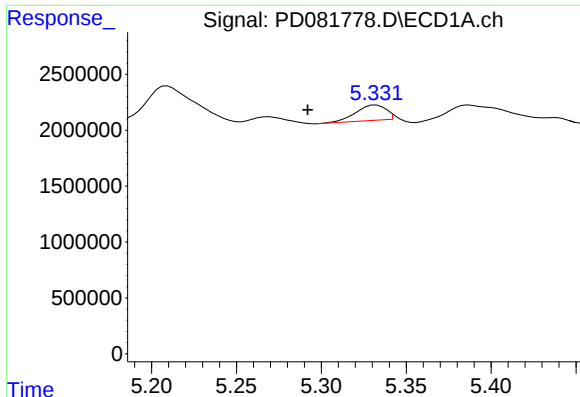
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.949 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

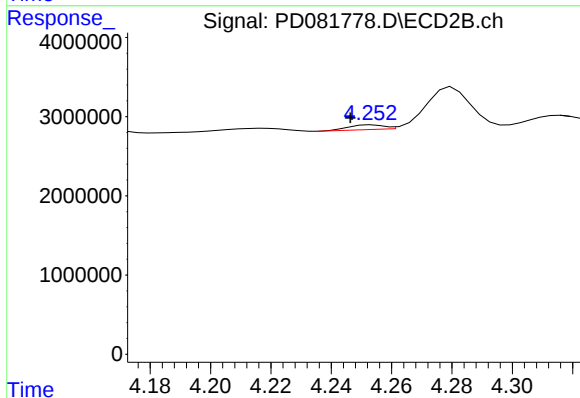
R.T.: 3.994 min  
Delta R.T.: 0.028 min  
Response: 1642549  
Conc: 0.46 ng/ml



#5 Aldrin

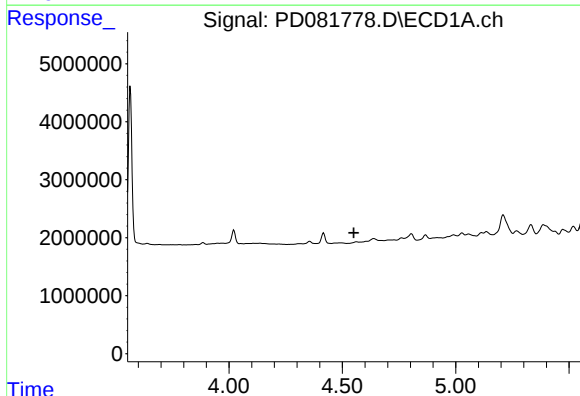
R.T.: 5.332 min  
Delta R.T.: 0.040 min  
Response: 1737128  
Conc: 0.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



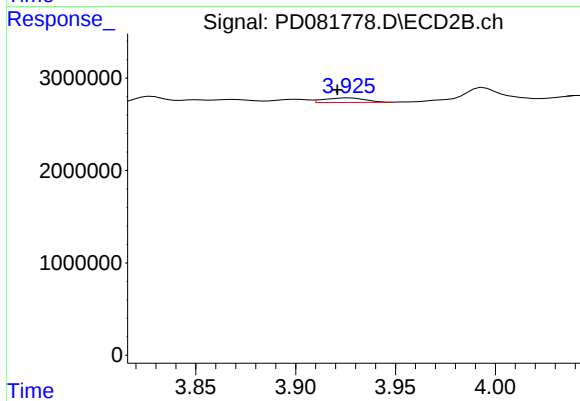
#5 Aldrin

R.T.: 4.254 min  
Delta R.T.: 0.007 min  
Response: 483626  
Conc: 0.14 ng/ml



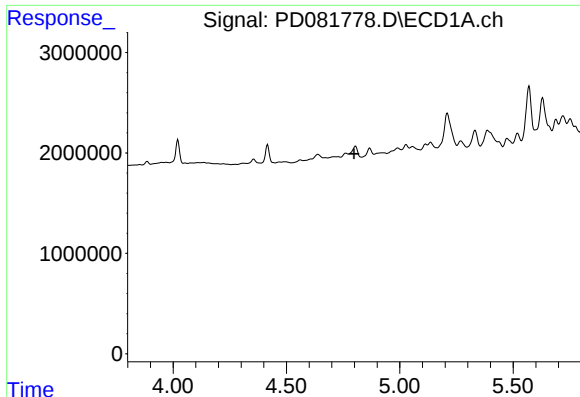
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.550 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

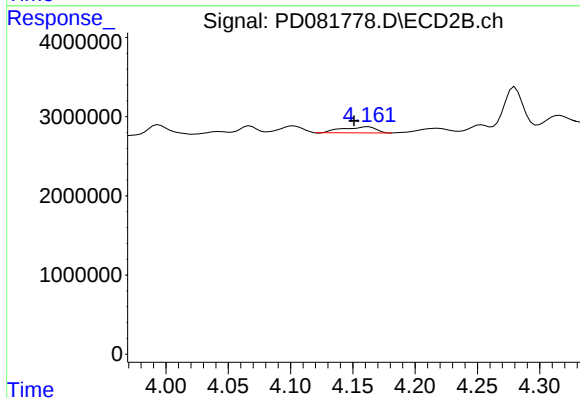
R.T.: 3.927 min  
Delta R.T.: 0.006 min  
Response: 691617  
Conc: 0.41 ng/ml



#7 delta-BHC

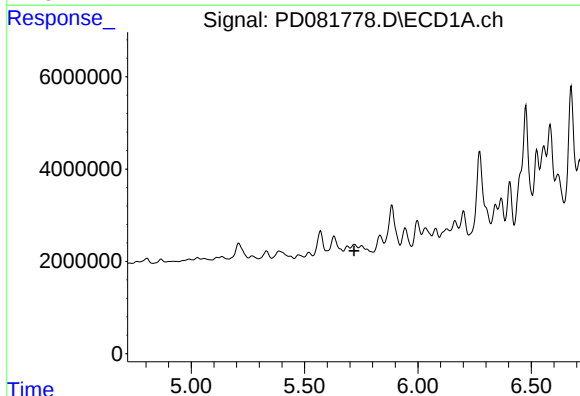
R.T.: 0.000 min  
Exp R.T.: 4.799 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



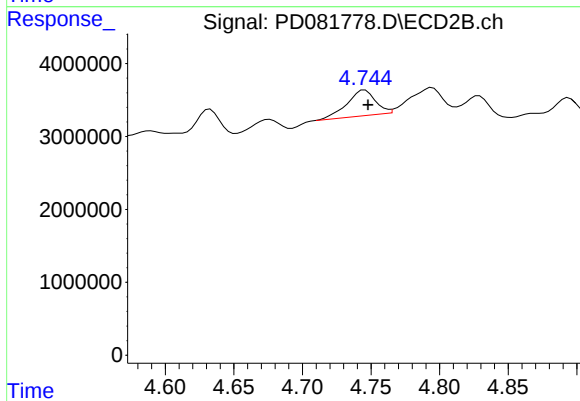
#7 delta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.011 min  
Response: 1416443  
Conc: 0.38 ng/ml



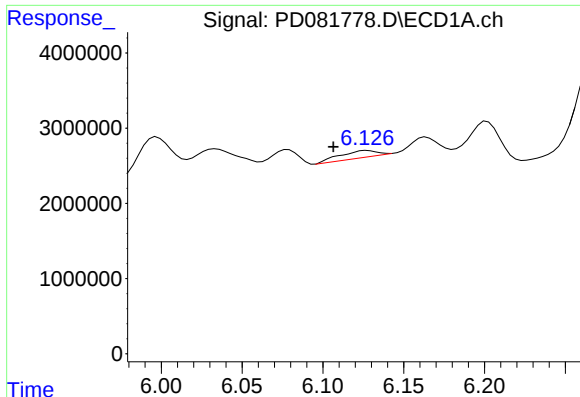
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.718 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

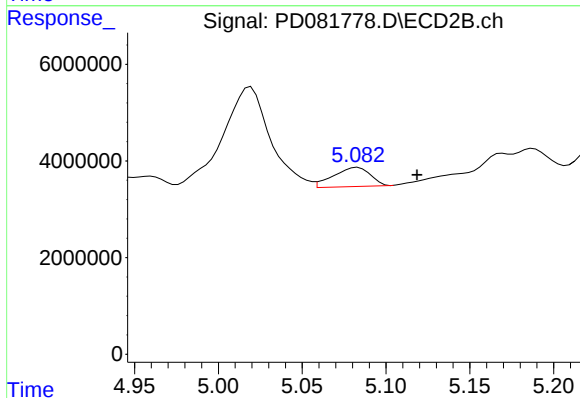
R.T.: 4.745 min  
Delta R.T.: -0.002 min  
Response: 5081008  
Conc: 1.58 ng/ml



#9 Endosulfan I

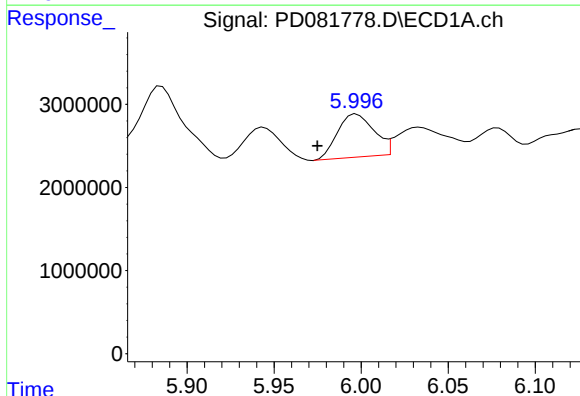
R.T.: 6.127 min  
Delta R.T.: 0.021 min  
Response: 1495874  
Conc: 0.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



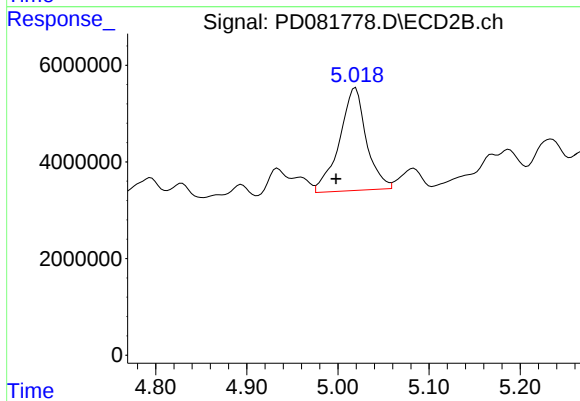
#9 Endosulfan I

R.T.: 5.083 min  
Delta R.T.: -0.035 min  
Response: 6073836  
Conc: 2.03 ng/ml



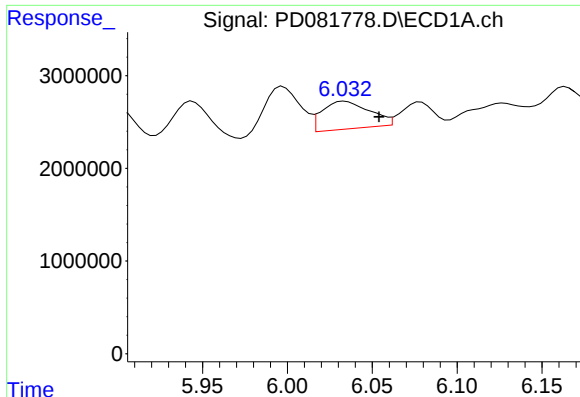
#10 trans-Chlordane

R.T.: 5.997 min  
Delta R.T.: 0.022 min  
Response: 7542461  
Conc: 3.45 ng/ml



#10 trans-Chlordane

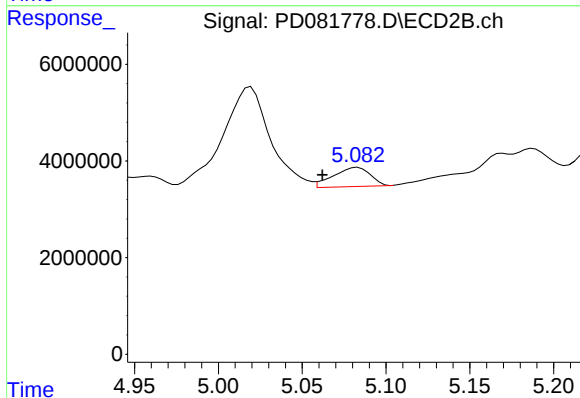
R.T.: 5.019 min  
Delta R.T.: 0.021 min  
Response: 43711237  
Conc: 14.01 ng/ml



#11 cis-Chlordane

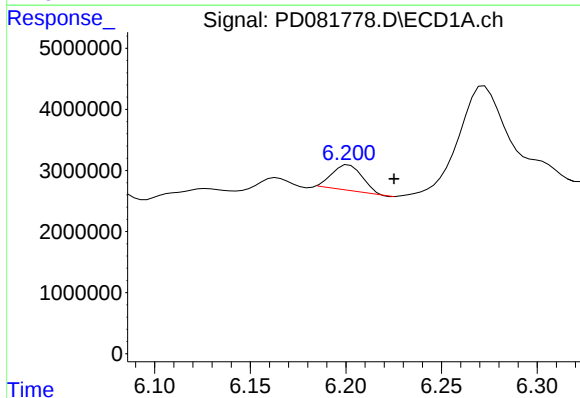
R.T.: 6.034 min  
Delta R.T.: -0.020 min  
Response: 5818718  
Conc: 2.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



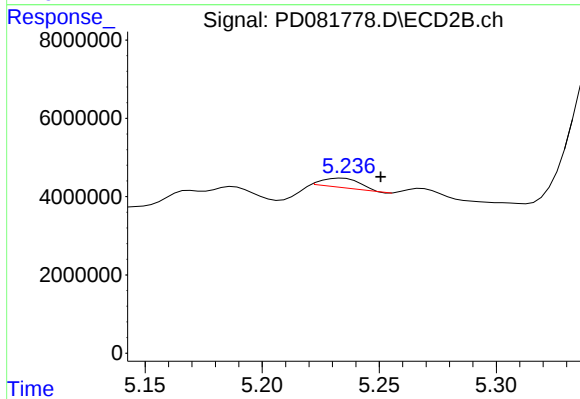
#11 cis-Chlordane

R.T.: 5.083 min  
Delta R.T.: 0.021 min  
Response: 6073836  
Conc: 1.90 ng/ml



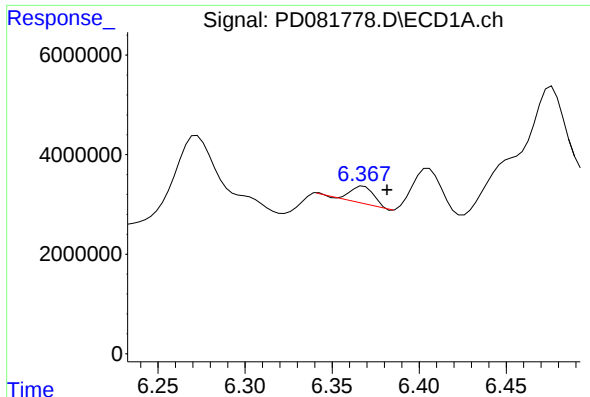
#12 4,4'-DDE

R.T.: 6.202 min  
Delta R.T.: -0.024 min  
Response: 4596988  
Conc: 2.14 ng/ml



#12 4,4'-DDE

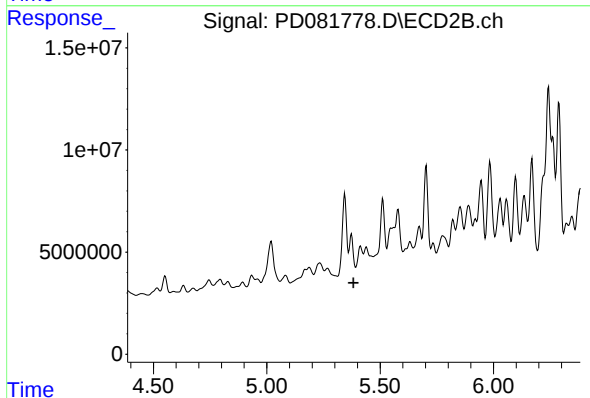
R.T.: 5.234 min  
Delta R.T.: -0.016 min  
Response: 2658818  
Conc: 0.90 ng/ml



#13 Dieldrin

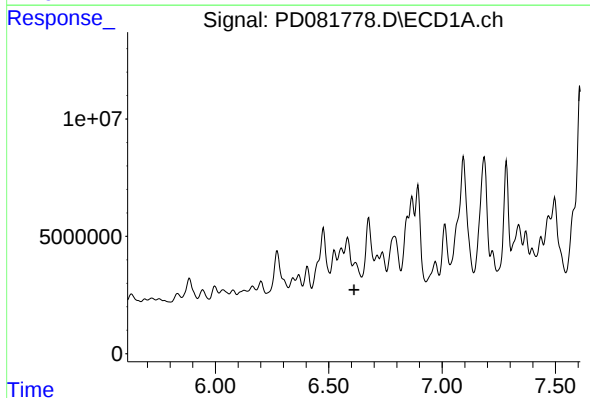
R.T.: 6.368 min  
Delta R.T.: -0.013 min  
Response: 3363968  
Conc: 1.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



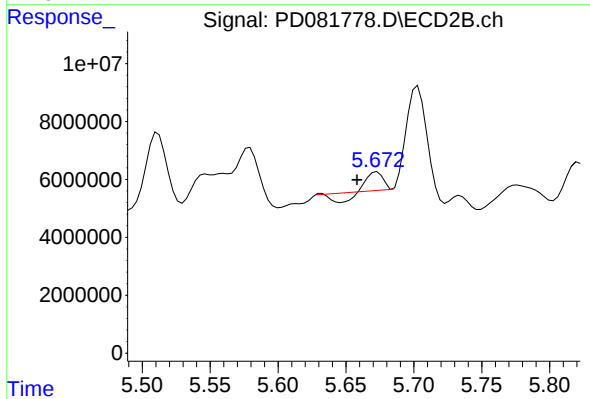
#13 Dieldrin

R.T.: 5.373 min  
Delta R.T.: -0.010 min  
Response: -6755983  
Conc: N.D.



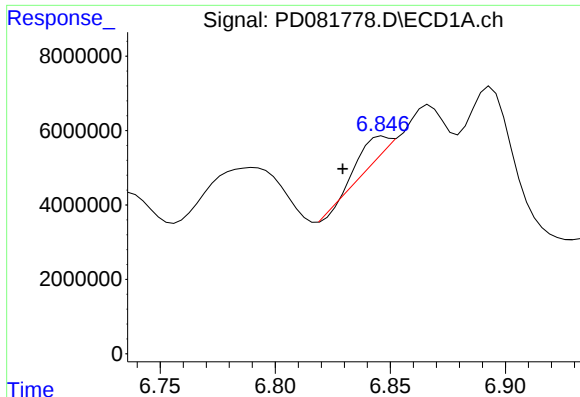
#14 Endrin

R.T.: 6.618 min  
Delta R.T.: 0.006 min  
Response: -1200939  
Conc: N.D.



#14 Endrin

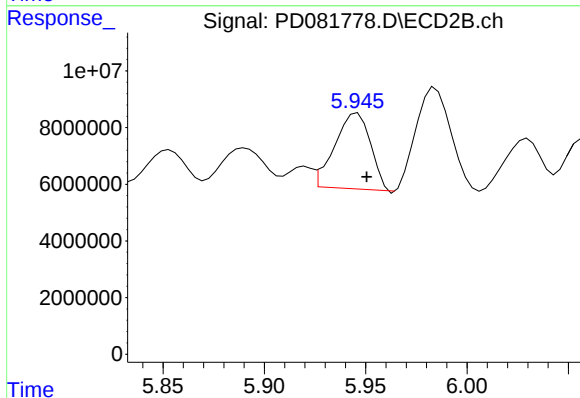
R.T.: 5.673 min  
Delta R.T.: 0.015 min  
Response: 2163654  
Conc: 0.75 ng/ml



#15 Endosulfan II

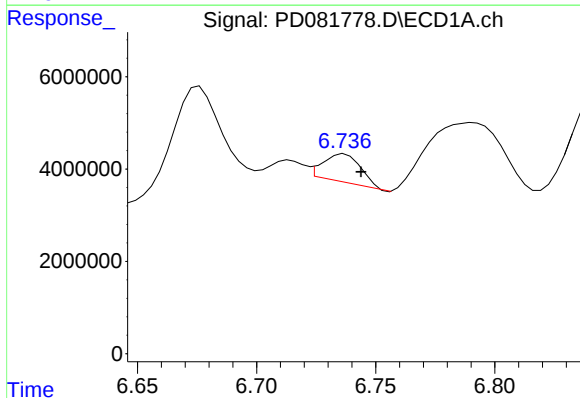
R.T.: 6.847 min  
Delta R.T.: 0.018 min  
Response: 3718695  
Conc: 1.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



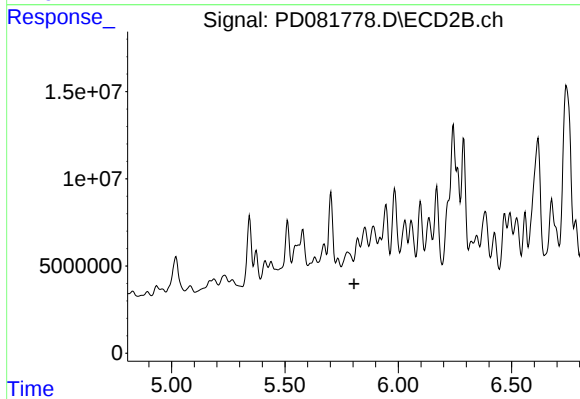
#15 Endosulfan II

R.T.: 5.946 min  
Delta R.T.: -0.005 min  
Response: 32814791  
Conc: 11.63 ng/ml



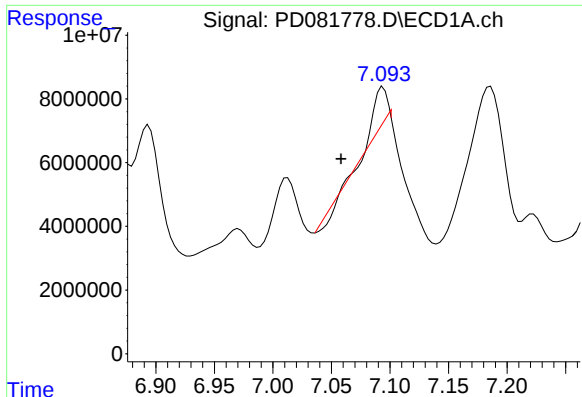
#16 4,4'-DDD

R.T.: 6.737 min  
Delta R.T.: -0.007 min  
Response: 6716708  
Conc: 4.04 ng/ml



#16 4,4'-DDD

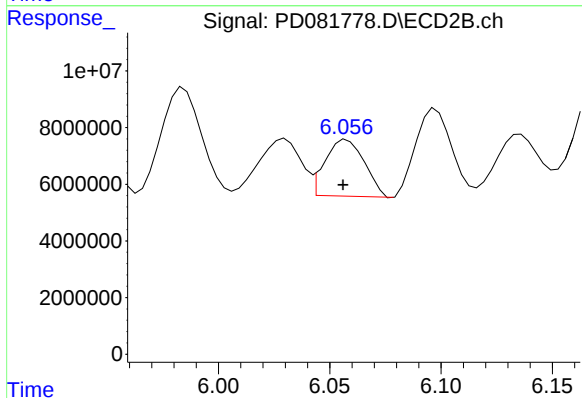
R.T.: 5.821 min  
Delta R.T.: 0.016 min  
Response: -1784278  
Conc: N.D.



#17 4,4'-DDT

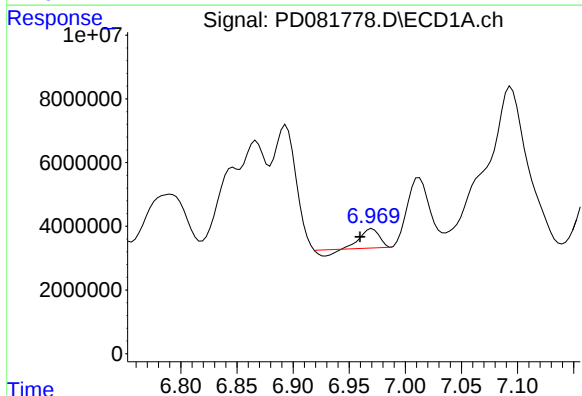
R.T.: 7.094 min  
Delta R.T.: 0.036 min  
Response: 7177212  
Conc: 4.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



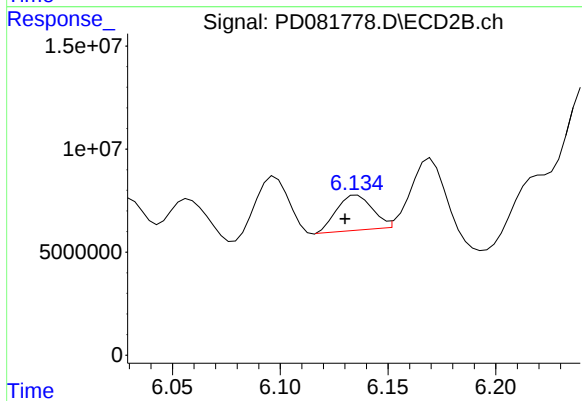
#17 4,4'-DDT

R.T.: 6.058 min  
Delta R.T.: 0.002 min  
Response: 24526992  
Conc: 9.50 ng/ml



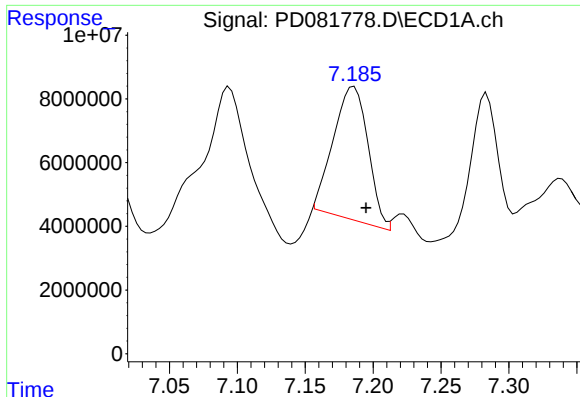
#18 Endrin aldehyde

R.T.: 6.970 min  
Delta R.T.: 0.011 min  
Response: 5659996  
Conc: 3.79 ng/ml



#18 Endrin aldehyde

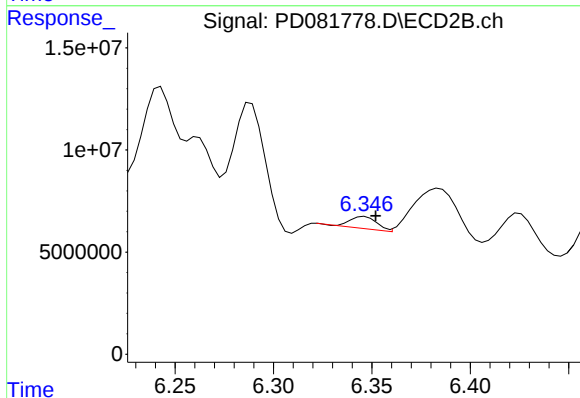
R.T.: 6.136 min  
Delta R.T.: 0.006 min  
Response: 19619153  
Conc: 9.05 ng/ml



#19 Endosulfan Sulfate

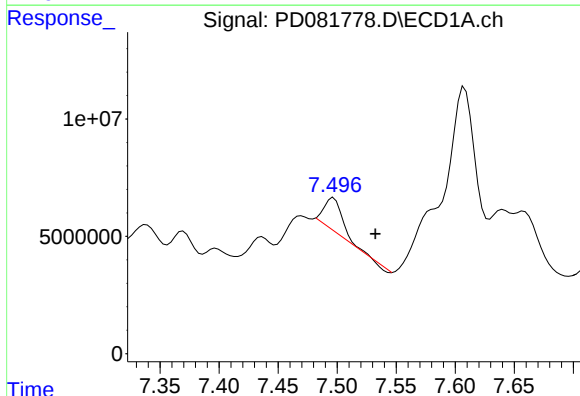
R.T.: 7.186 min  
Delta R.T.: -0.009 min  
Response: 74156882  
Conc: 40.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



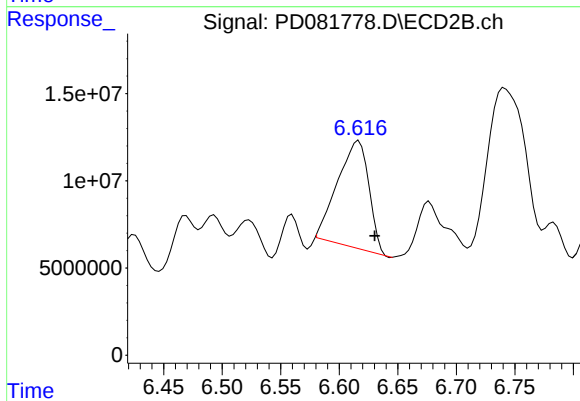
#19 Endosulfan Sulfate

R.T.: 6.346 min  
Delta R.T.: -0.005 min  
Response: 5741502  
Conc: 2.14 ng/ml



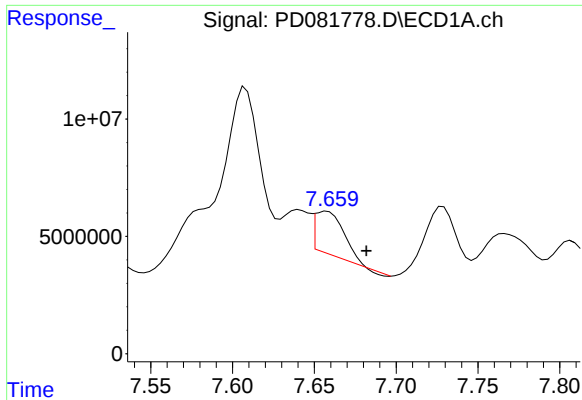
#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: -0.035 min  
Response: 15146218  
Conc: 16.51 ng/ml



#20 Methoxychlor

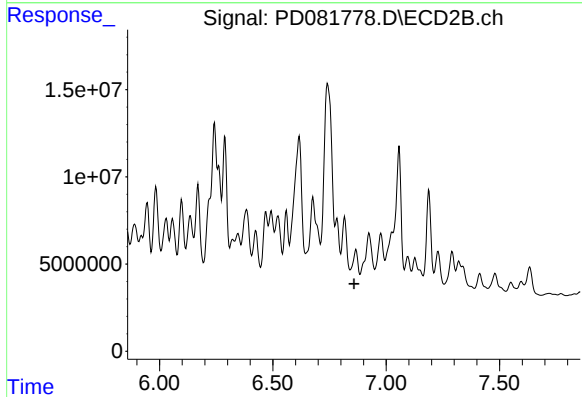
R.T.: 6.617 min  
Delta R.T.: -0.014 min  
Response: 114440663  
Conc: 85.66 ng/ml



#21 Endrin ketone

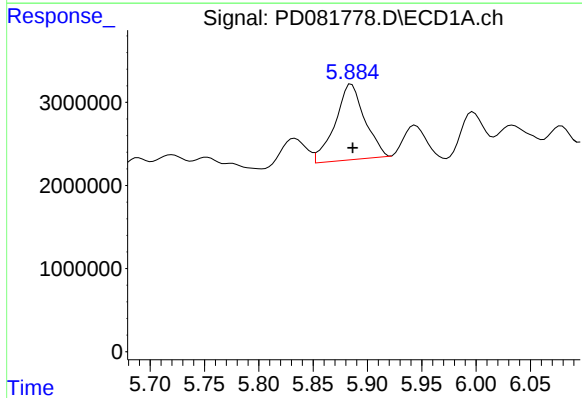
R.T.: 7.658 min  
Delta R.T.: -0.024 min  
Response: 22432988  
Conc: 11.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



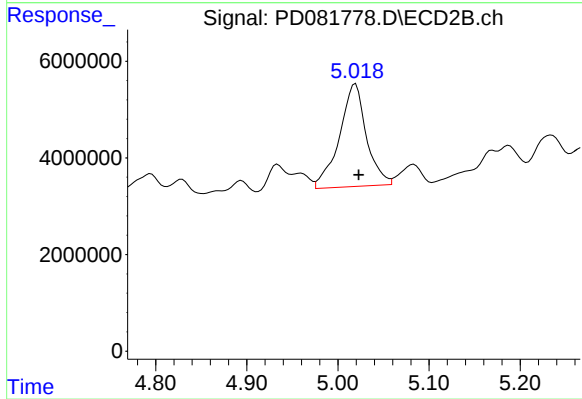
#21 Endrin ketone

R.T.: 6.867 min  
Delta R.T.: 0.008 min  
Response: -501024  
Conc: N.D.



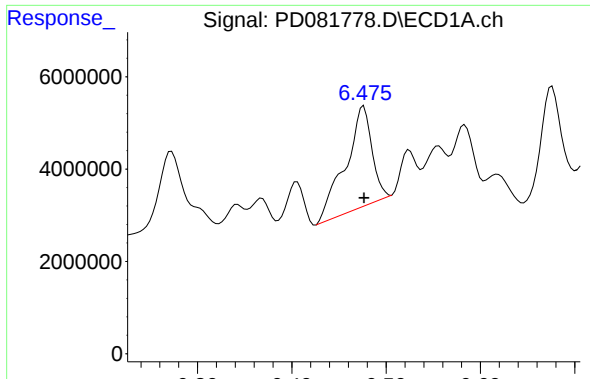
#22 Toxaphene-1

R.T.: 5.885 min  
Delta R.T.: -0.001 min  
Response: 17237268  
Conc: 2639.06 ng/ml



#22 Toxaphene-1

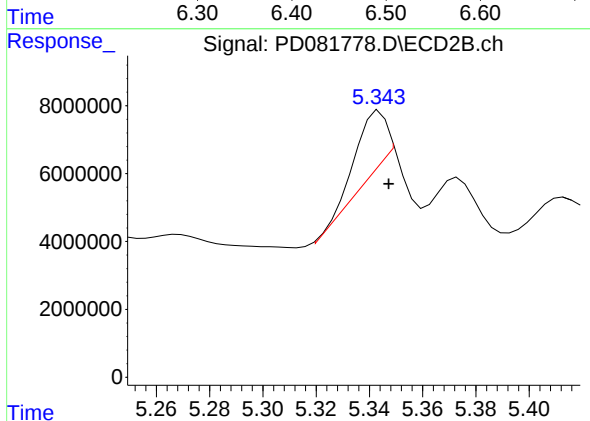
R.T.: 5.019 min  
Delta R.T.: -0.004 min  
Response: 43711237  
Conc: 2669.85 ng/ml



#23 Toxaphene-2

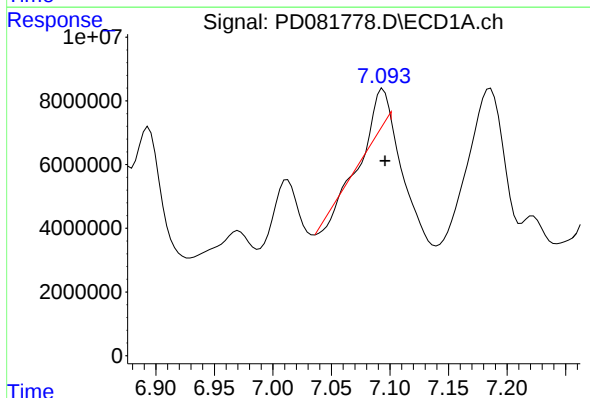
R.T.: 6.476 min  
Delta R.T.: 0.000 min  
Response: 42241706  
Conc: 2228.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



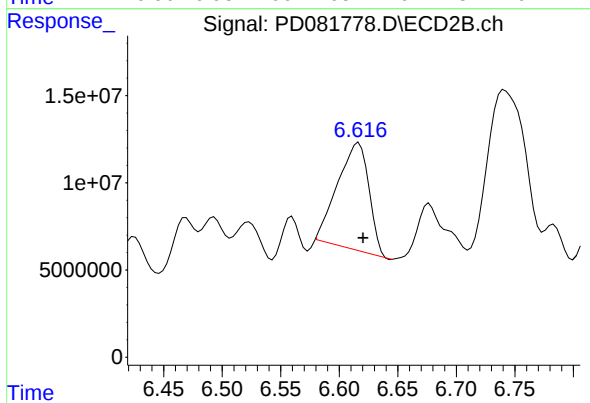
#23 Toxaphene-2

R.T.: 5.344 min  
Delta R.T.: -0.003 min  
Response: 17015829  
Conc: 998.39 ng/ml



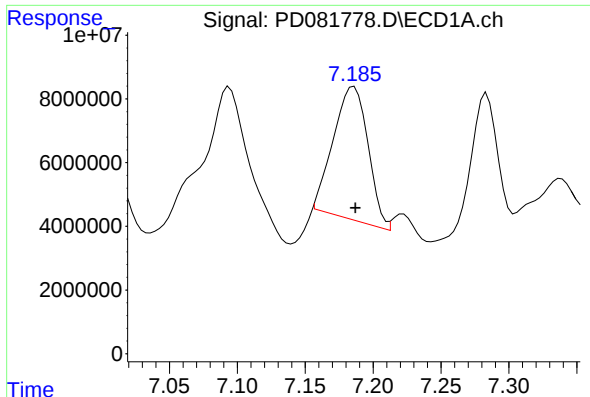
#24 Toxaphene-3

R.T.: 7.094 min  
Delta R.T.: -0.002 min  
Response: 7177212  
Conc: 135.71 ng/ml



#24 Toxaphene-3

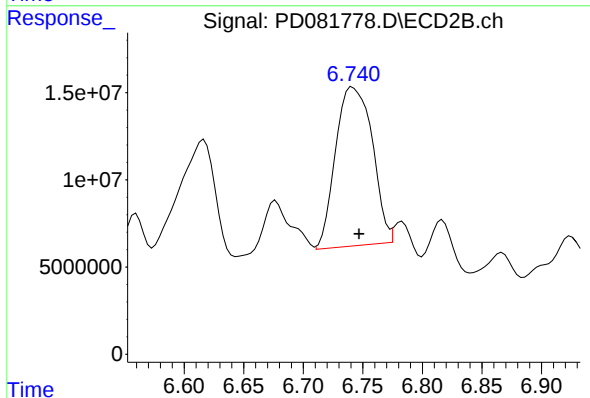
R.T.: 6.617 min  
Delta R.T.: -0.004 min  
Response: 114440663  
Conc: 1955.19 ng/ml



#25 Toxaphene-4

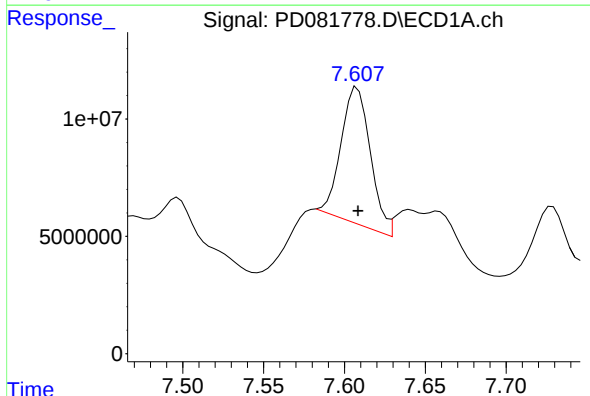
R.T.: 7.186 min  
Delta R.T.: -0.001 min  
Response: 74156882  
Conc: 1874.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



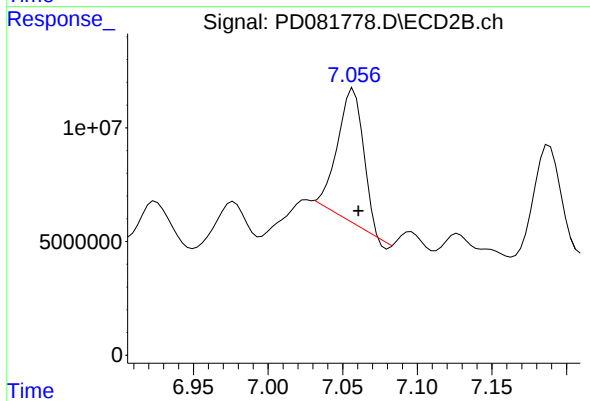
#25 Toxaphene-4

R.T.: 6.742 min  
Delta R.T.: -0.005 min  
Response: 195149966  
Conc: 2452.37 ng/ml



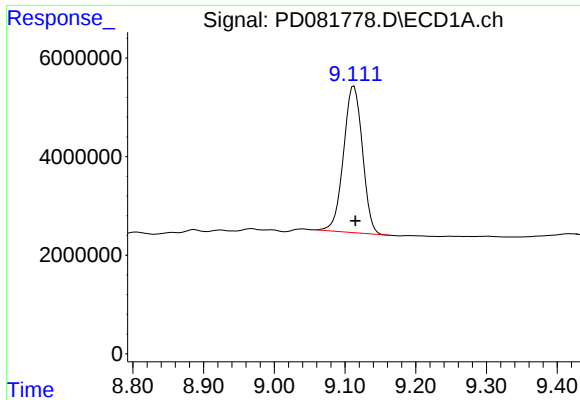
#26 Toxaphene-5

R.T.: 7.608 min  
Delta R.T.: 0.000 min  
Response: 73799475  
Conc: 2488.33 ng/ml



#26 Toxaphene-5

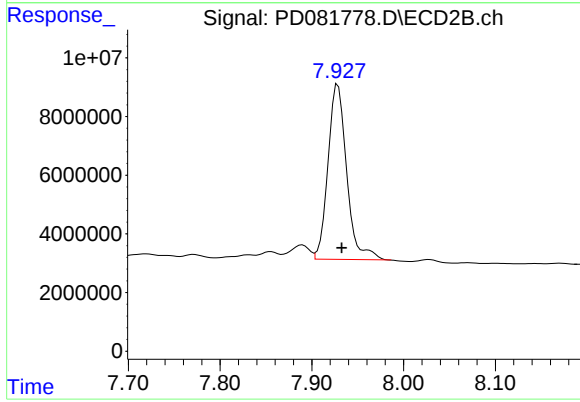
R.T.: 7.057 min  
Delta R.T.: -0.003 min  
Response: 67286149  
Conc: 2075.00 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.113 min  
Delta R.T.: -0.002 min  
Response: 55041218  
Conc: 28.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.928 min  
Delta R.T.: -0.004 min  
Response: 83375732  
Conc: 33.61 ng/ml