

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090723\  
 Data File : PD077750.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Sep 2023 13:56  
 Operator : AR\AJ  
 Sample : 04235-13  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 08 00:33:57 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 06 16:40:06 2023  
 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

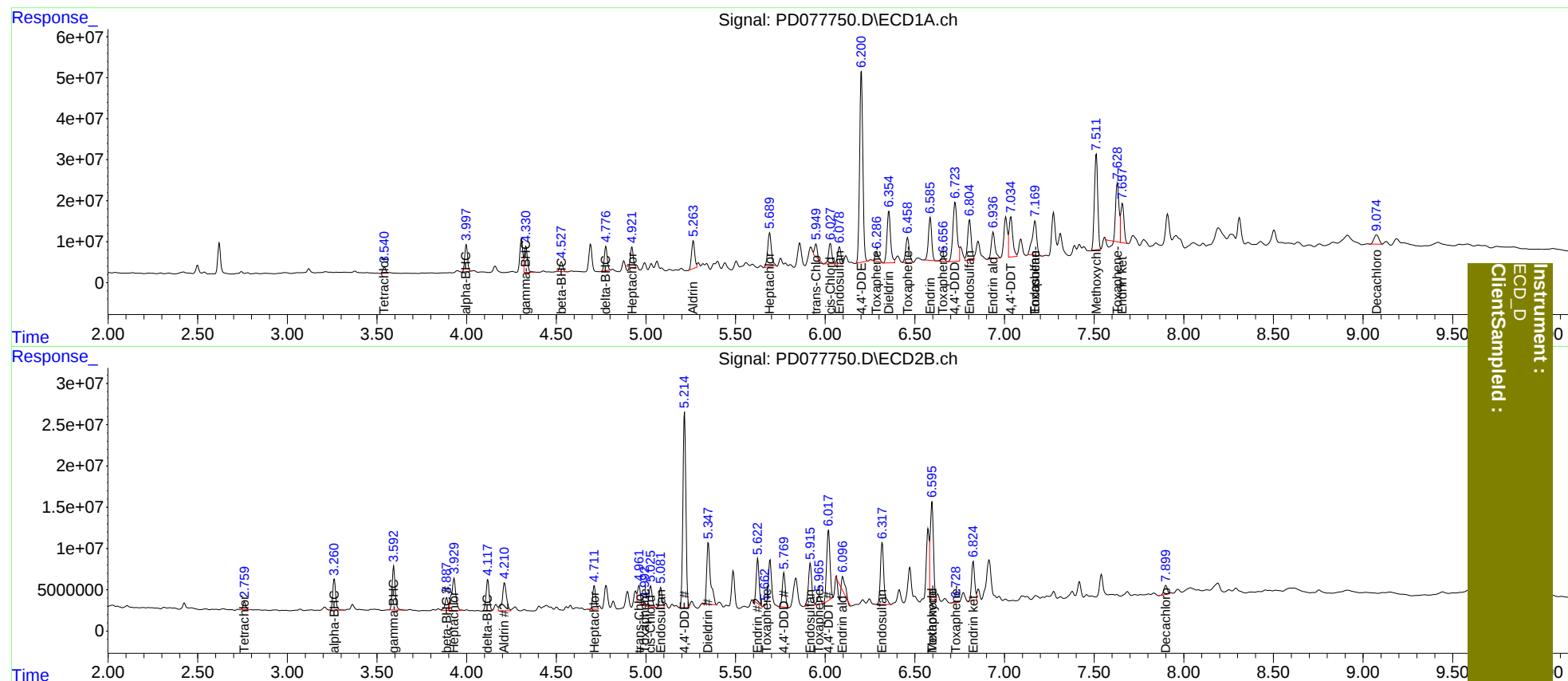
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.541  | 2.761 | 17674056 | 9534173  | 6.965    | 6.451      |
| 27)                         | SA Decachlor... | 9.075  | 7.900 | 42922734 | 14723151 | 13.740   | 9.091 #    |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.998  | 3.262 | 71449244 | 41926018 | 16.687   | 18.496     |
| 3)                          | MA gamma-BHC... | 4.331  | 3.593 | 75003236 | 61509739 | 18.550   | 28.489 #   |
| 4)                          | MA Heptachlor   | 4.922  | 3.930 | 48633305 | 66439065 | 11.638   | 29.883 #   |
| 5)                          | MB Aldrin       | 5.264  | 4.211 | 82228037 | 55560219 | 19.696   | 24.788 #   |
| 6)                          | B beta-BHC      | 4.529  | 3.889 | 28026028 | 18100864 | 15.255   | 18.319     |
| 7)                          | B delta-BHC     | 4.777  | 4.118 | 66875725 | 45731811 | 16.655   | 20.517     |
| 8)                          | B Heptachlo...  | 5.690  | 4.712 | 117.4E6  | 32391555 | 30.378   | 15.421 #   |
| 9)                          | A Endosulfan I  | 6.080  | 5.083 | 51444387 | 28414038 | 15.326   | 15.830     |
| 10)                         | B trans-Chl...  | 5.949  | 4.962 | 28668772 | 22189030 | 7.700    | 11.112 #   |
| 11)                         | B cis-Chlor...  | 6.029  | 5.027 | 63816630 | 30268275 | 16.558   | 14.801     |
| 12)                         | B 4,4'-DDE      | 6.202  | 5.216 | 583.5E6  | 274.3E6  | 164.581  | 144.395    |
| 13)                         | MA Dieldrin     | 6.355  | 5.348 | 174.0E6  | 108.4E6  | 46.477   | 52.450     |
| 14)                         | MA Endrin       | 6.586  | 5.624 | 132.5E6  | 58985031 | 42.957   | 32.262     |
| 15)                         | B Endosulfa...  | 6.805  | 5.917 | 137.8E6  | 66387943 | 41.608   | 36.685     |
| 16)                         | A 4,4'-DDD      | 6.725  | 5.770 | 235.1E6  | 47364507 | 88.394   | 35.190 #   |
| 17)                         | MA 4,4'-DDT     | 7.036  | 6.019 | 142.2E6  | 111.8E6  | 51.899   | 79.133 #   |
| 18)                         | B Endrin al...  | 6.937  | 6.098 | 91105876 | 12322924 | 35.061   | 8.760 #    |
| 19)                         | B Endosulfa...  | 7.170  | 6.318 | 143.6E6  | 98837495 | 47.388   | 59.820 #   |
| 20)                         | A Methoxychlor  | 7.512  | 6.596 | 301.1E6  | 148.0E6  | 193.068  | 189.636    |
| 21)                         | B Endrin ke...  | 7.658  | 6.826 | 121.5E6  | 54161865 | 35.289   | 28.268     |
| 22)                         | Toxaphene-1     | 6.288f | 4.993 | 32189313 | 3123016  | 1206.376 | 299.203 #  |
| 23)                         | Toxaphene-2     | 6.459  | 5.664 | 85039766 | 827648   | 2592.718 | 68.634 #   |
| 24)                         | Toxaphene-3     | 6.658  | 5.967 | 15251112 | 12745969 | 660.678  | 934.575 #  |
| 25)                         | Toxaphene-4     | 7.170  | 6.596 | 143.6E6  | 148.0E6  | 1998.508 | 3834.351 # |
| 26)                         | Toxaphene-5     | 7.630f | 6.729 | 163.3E6  | 704400   | 3133.532 | 12.691 #   |
| -----                       |                 |        |       |          |          |          |            |

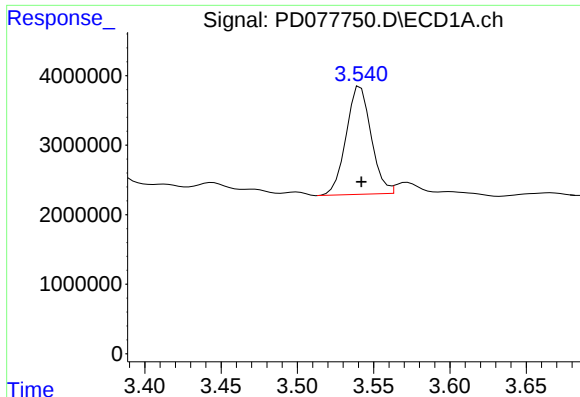
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090723\  
Data File : PD077750.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Sep 2023 13:56  
Operator : AR\AJ  
Sample : 04235-13  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 08 00:33:57 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 06 16:40:06 2023  
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

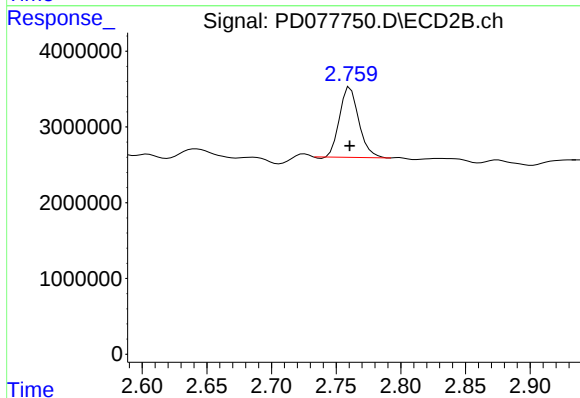




#1 Tetrachloro-m-xylene

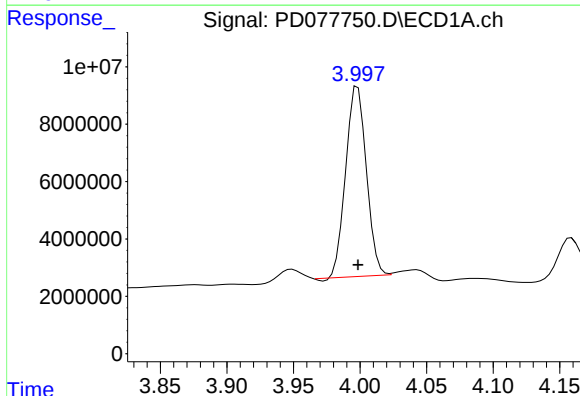
R.T.: 3.541 min  
Delta R.T.: 0.000 min  
Response: 17674056  
Conc: 6.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



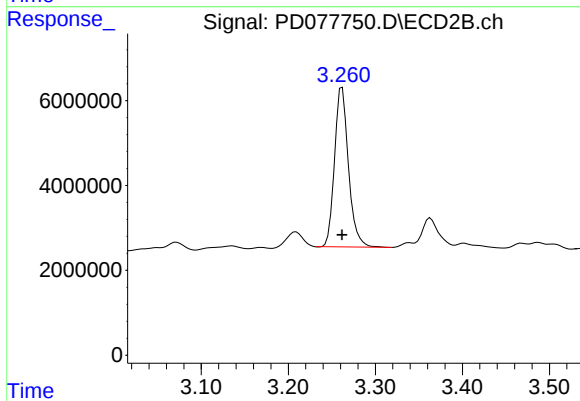
#1 Tetrachloro-m-xylene

R.T.: 2.761 min  
Delta R.T.: 0.000 min  
Response: 9534173  
Conc: 6.45 ng/ml



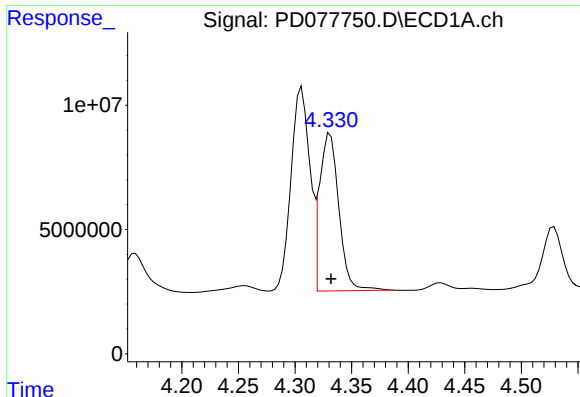
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.000 min  
Response: 71449244  
Conc: 16.69 ng/ml



#2 alpha-BHC

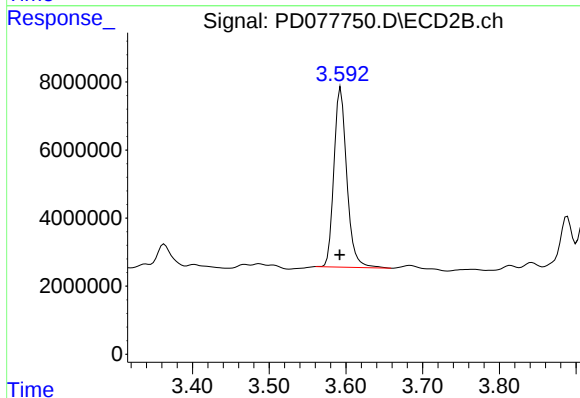
R.T.: 3.262 min  
Delta R.T.: 0.000 min  
Response: 41926018  
Conc: 18.50 ng/ml



#3 gamma-BHC (Lindane)

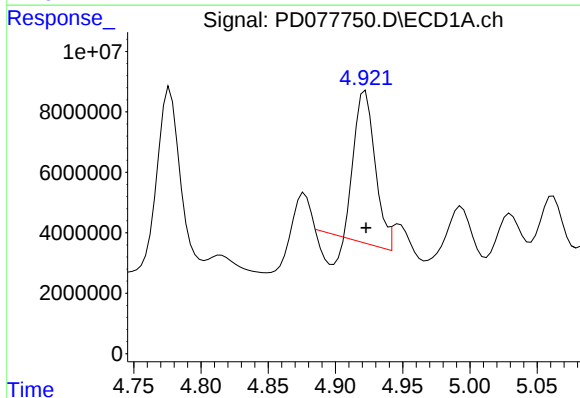
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 75003236  
Conc: 18.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



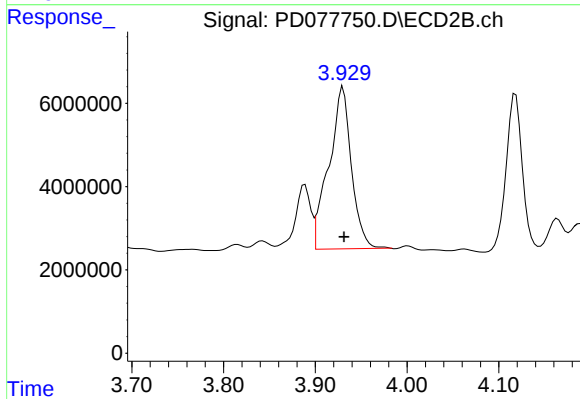
#3 gamma-BHC (Lindane)

R.T.: 3.593 min  
Delta R.T.: 0.001 min  
Response: 61509739  
Conc: 28.49 ng/ml



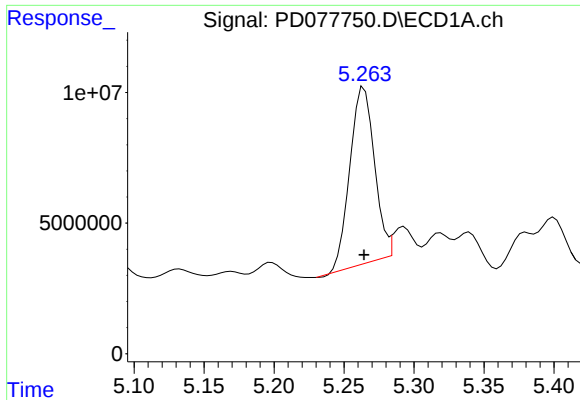
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: 0.000 min  
Response: 48633305  
Conc: 11.64 ng/ml



#4 Heptachlor

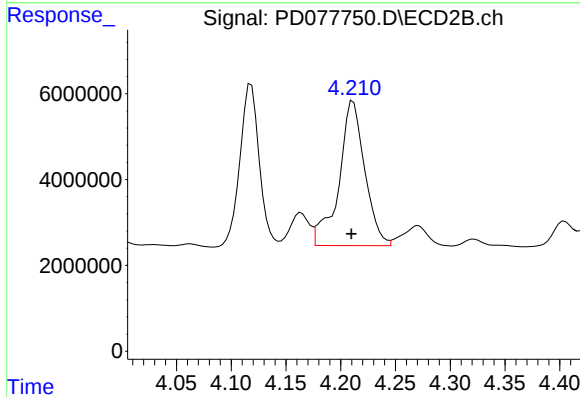
R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 66439065  
Conc: 29.88 ng/ml



#5 Aldrin

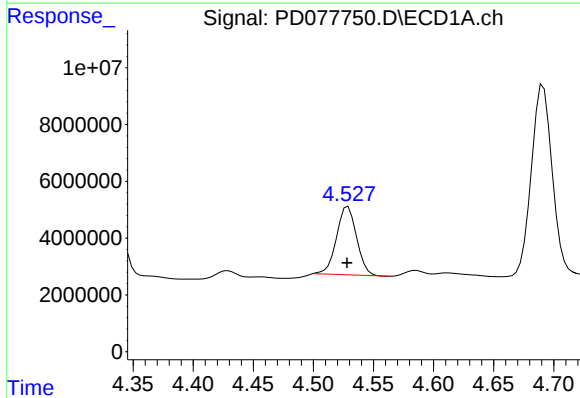
R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 82228037  
Conc: 19.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



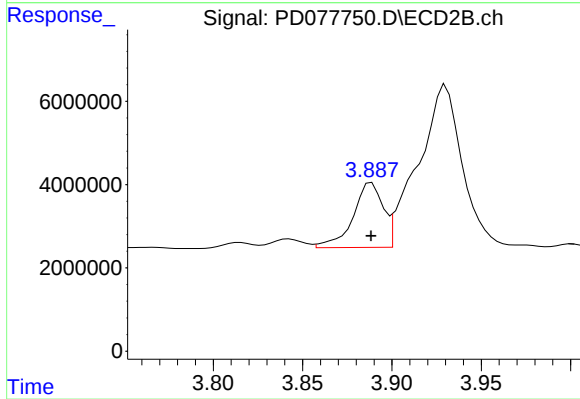
#5 Aldrin

R.T.: 4.211 min  
Delta R.T.: 0.002 min  
Response: 55560219  
Conc: 24.79 ng/ml



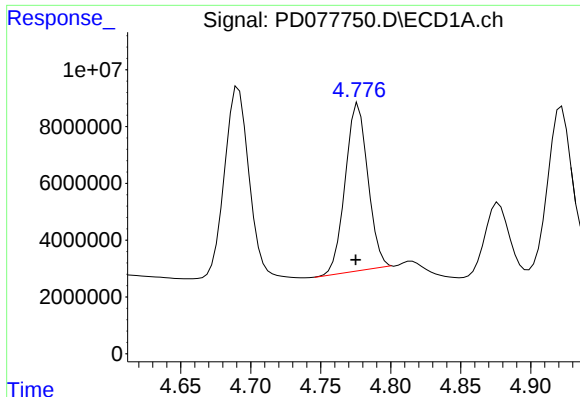
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 28026028  
Conc: 15.26 ng/ml



#6 beta-BHC

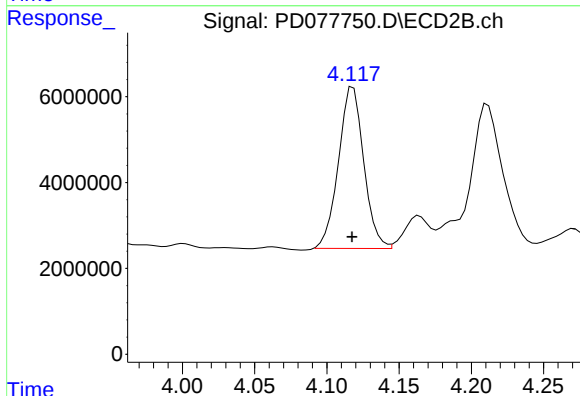
R.T.: 3.889 min  
Delta R.T.: 0.000 min  
Response: 18100864  
Conc: 18.32 ng/ml



#7 delta-BHC

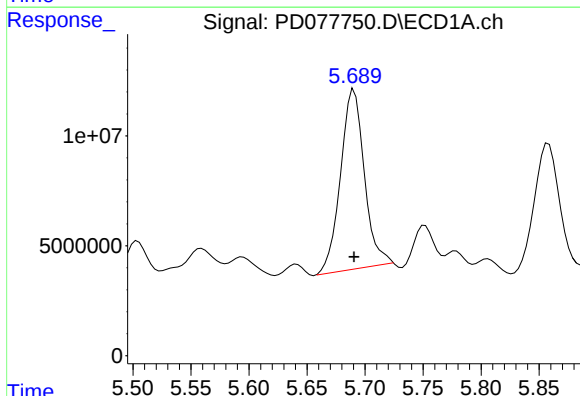
R.T.: 4.777 min  
Delta R.T.: 0.002 min  
Response: 66875725  
Conc: 16.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



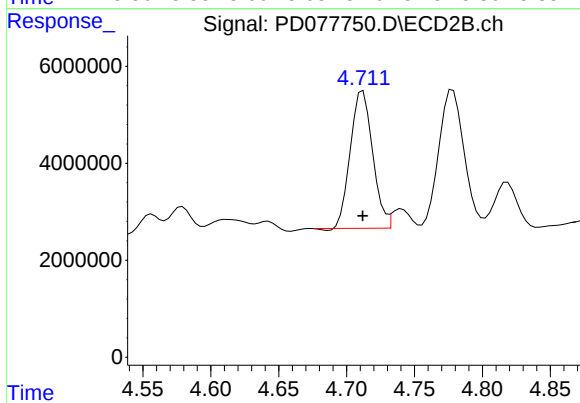
#7 delta-BHC

R.T.: 4.118 min  
Delta R.T.: 0.000 min  
Response: 45731811  
Conc: 20.52 ng/ml



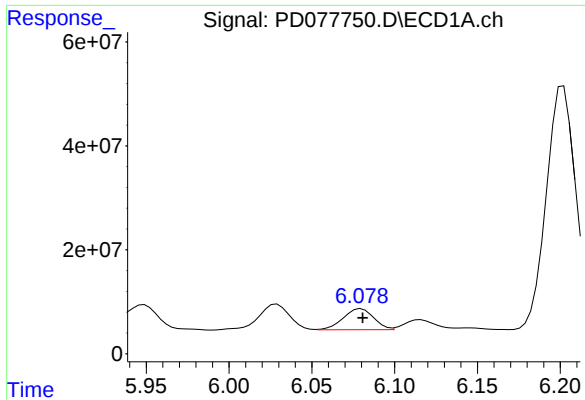
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 117401189  
Conc: 30.38 ng/ml



#8 Heptachlor epoxide

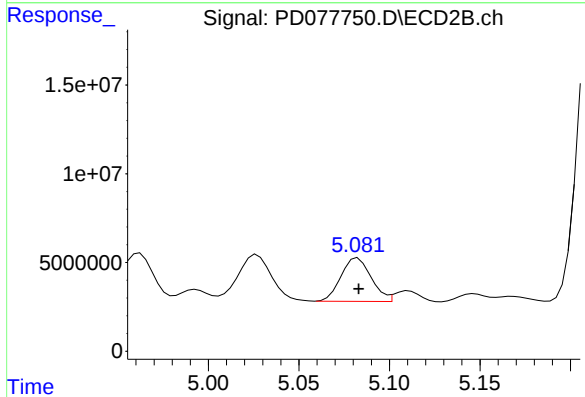
R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: 32391555  
Conc: 15.42 ng/ml



#9 Endosulfan I

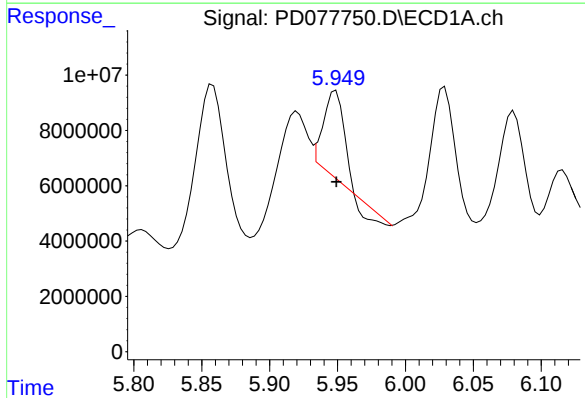
R.T.: 6.080 min  
Delta R.T.: -0.001 min  
Response: 51444387  
Conc: 15.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



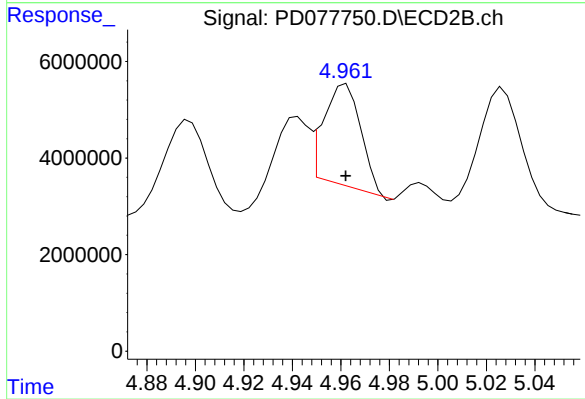
#9 Endosulfan I

R.T.: 5.083 min  
Delta R.T.: 0.000 min  
Response: 28414038  
Conc: 15.83 ng/ml



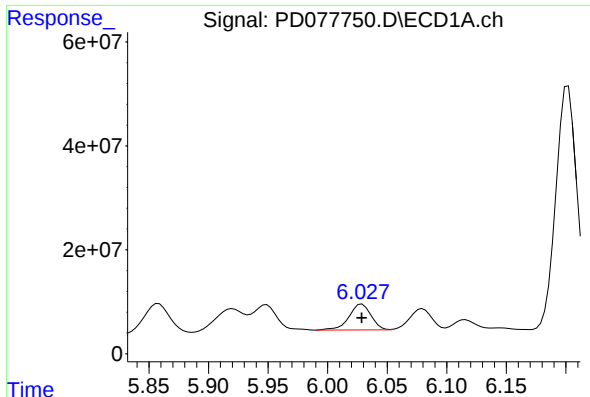
#10 trans-Chlordane

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 28668772  
Conc: 7.70 ng/ml



#10 trans-Chlordane

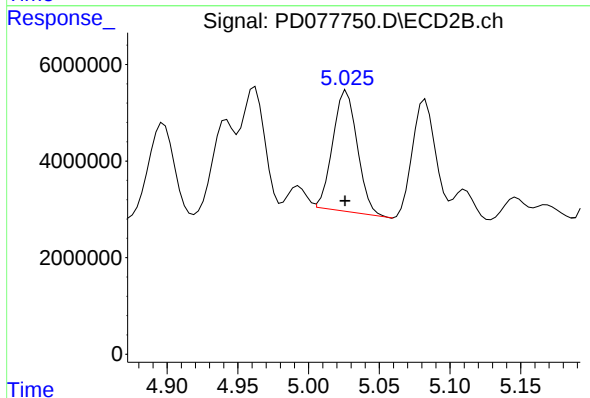
R.T.: 4.962 min  
Delta R.T.: 0.000 min  
Response: 22189030  
Conc: 11.11 ng/ml



#11 cis-Chlordane

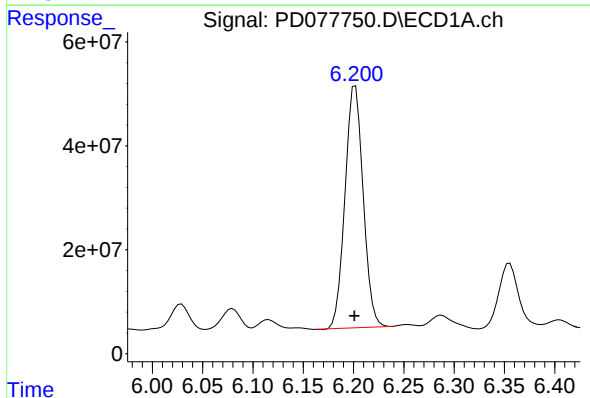
R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 63816630  
Conc: 16.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



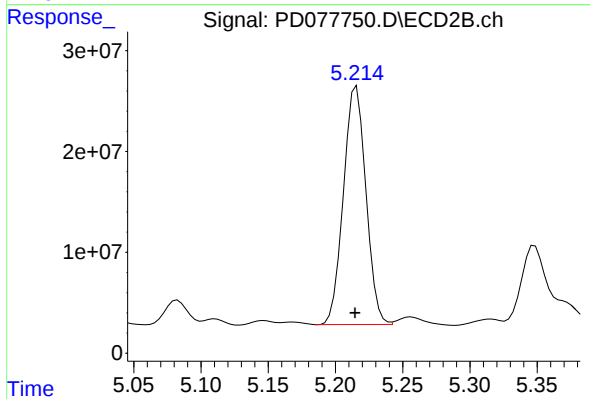
#11 cis-Chlordane

R.T.: 5.027 min  
Delta R.T.: 0.000 min  
Response: 30268275  
Conc: 14.80 ng/ml



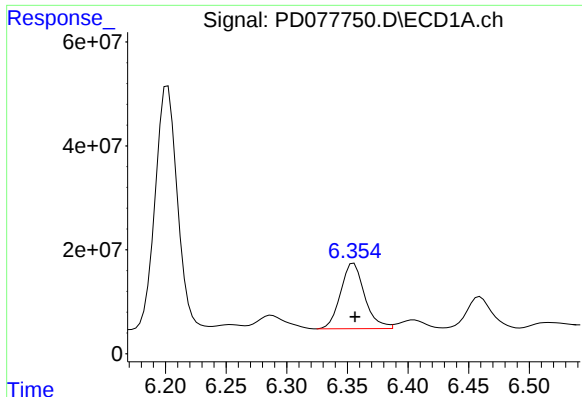
#12 4,4'-DDE

R.T.: 6.202 min  
Delta R.T.: 0.001 min  
Response: 583465558  
Conc: 164.58 ng/ml



#12 4,4'-DDE

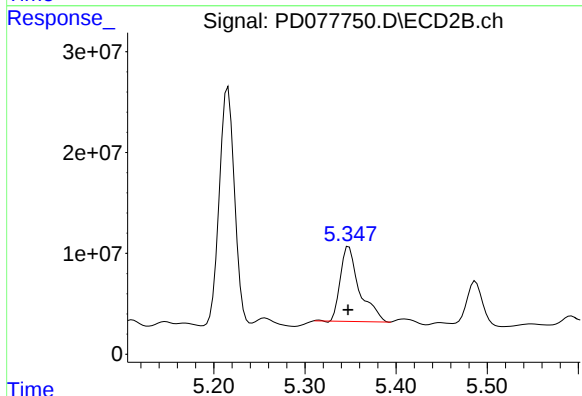
R.T.: 5.216 min  
Delta R.T.: 0.000 min  
Response: 274300424  
Conc: 144.39 ng/ml



#13 Dieldrin

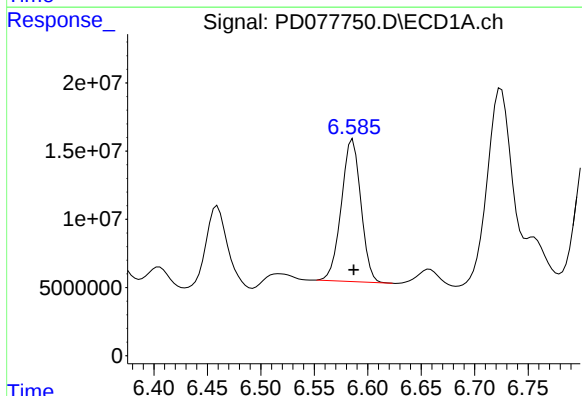
R.T.: 6.355 min  
Delta R.T.: -0.001 min  
Response: 173967263  
Conc: 46.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



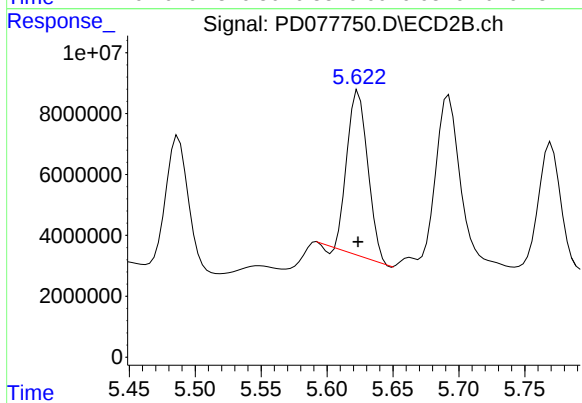
#13 Dieldrin

R.T.: 5.348 min  
Delta R.T.: 0.000 min  
Response: 108383480  
Conc: 52.45 ng/ml



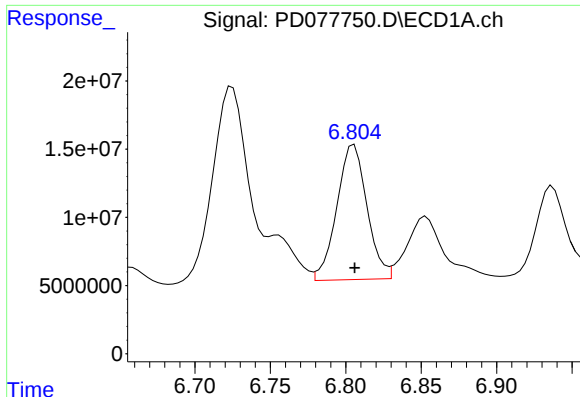
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: -0.001 min  
Response: 132534786  
Conc: 42.96 ng/ml



#14 Endrin

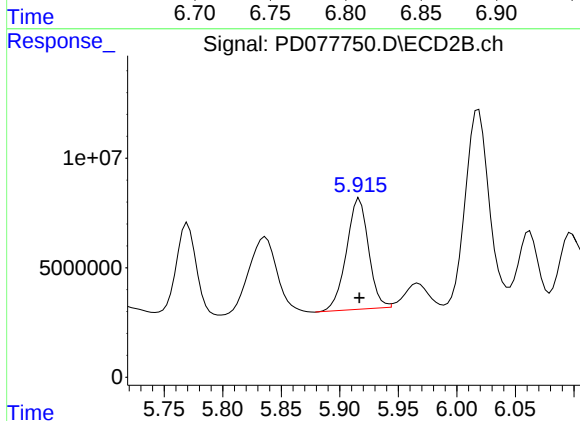
R.T.: 5.624 min  
Delta R.T.: 0.000 min  
Response: 58985031  
Conc: 32.26 ng/ml



#15 Endosulfan II

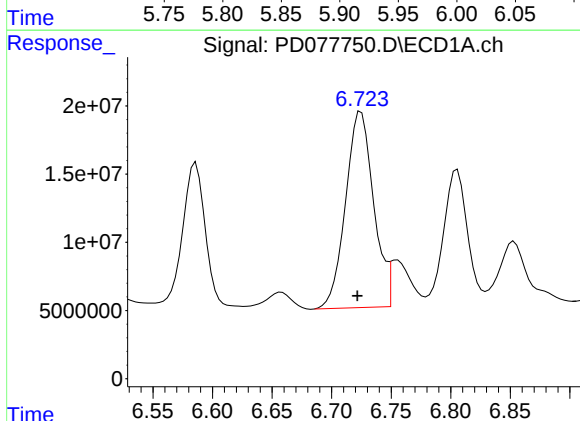
R.T.: 6.805 min  
Delta R.T.: 0.000 min  
Response: 137767892  
Conc: 41.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



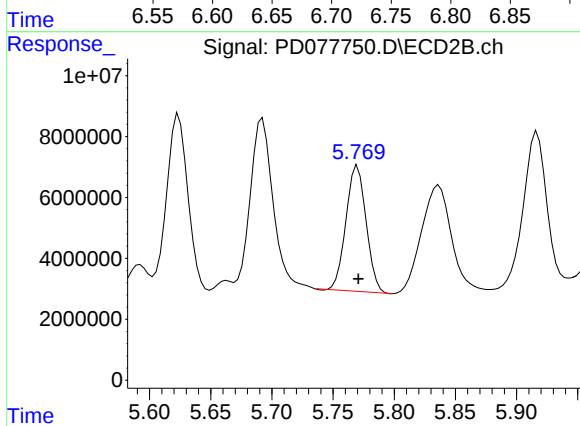
#15 Endosulfan II

R.T.: 5.917 min  
Delta R.T.: 0.000 min  
Response: 66387943  
Conc: 36.68 ng/ml



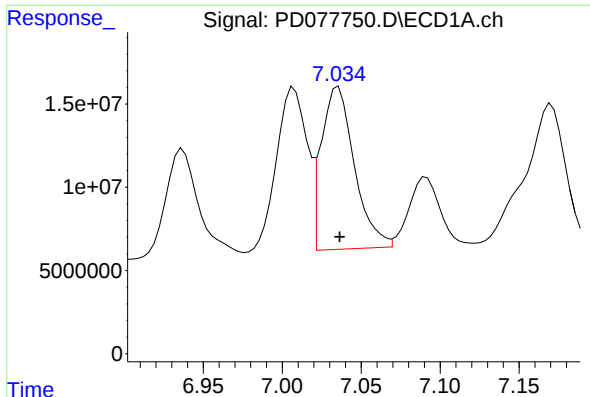
#16 4,4'-DDD

R.T.: 6.725 min  
Delta R.T.: 0.003 min  
Response: 235115773  
Conc: 88.39 ng/ml



#16 4,4'-DDD

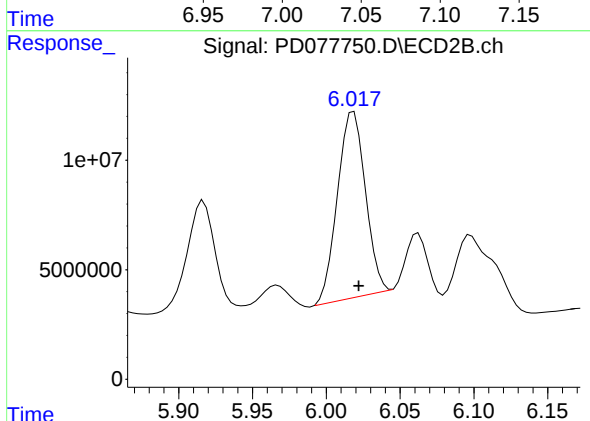
R.T.: 5.770 min  
Delta R.T.: 0.000 min  
Response: 47364507  
Conc: 35.19 ng/ml



#17 4,4'-DDT

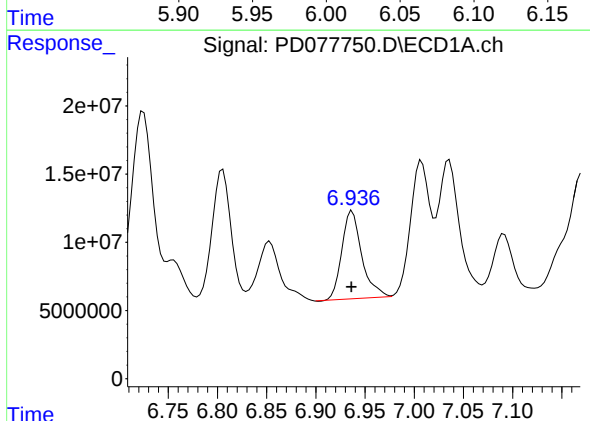
R.T.: 7.036 min  
Delta R.T.: 0.000 min  
Response: 142189113  
Conc: 51.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



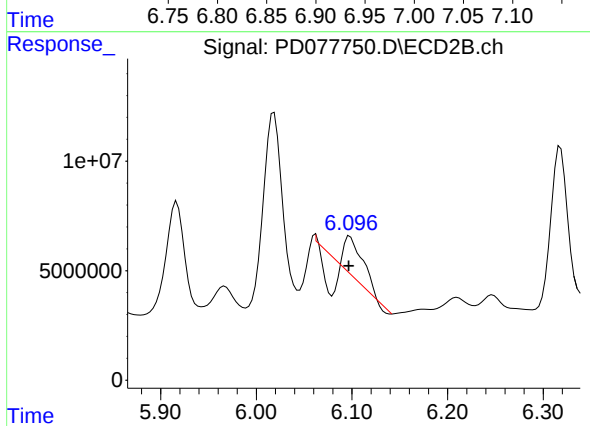
#17 4,4'-DDT

R.T.: 6.019 min  
Delta R.T.: -0.003 min  
Response: 111843286  
Conc: 79.13 ng/ml



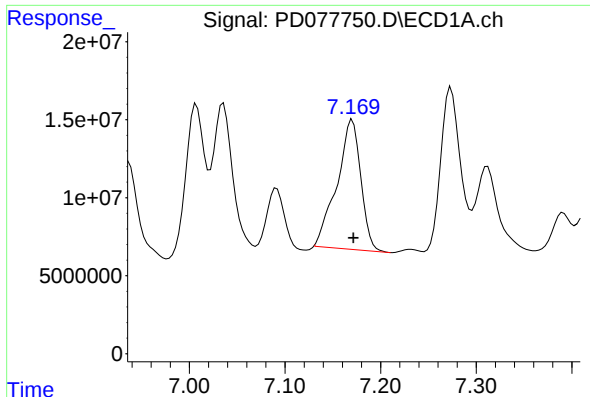
#18 Endrin aldehyde

R.T.: 6.937 min  
Delta R.T.: 0.000 min  
Response: 91105876  
Conc: 35.06 ng/ml



#18 Endrin aldehyde

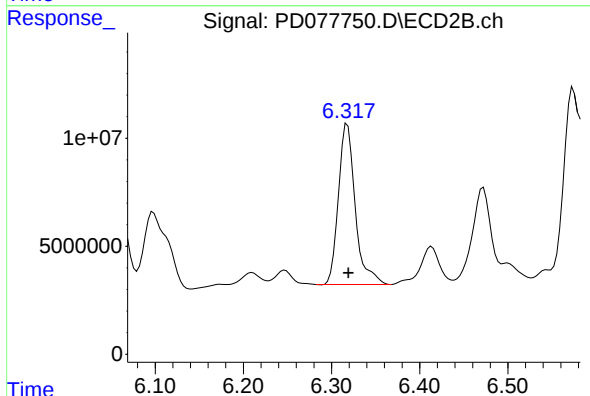
R.T.: 6.098 min  
Delta R.T.: 0.001 min  
Response: 12322924  
Conc: 8.76 ng/ml



#19 Endosulfan Sulfate

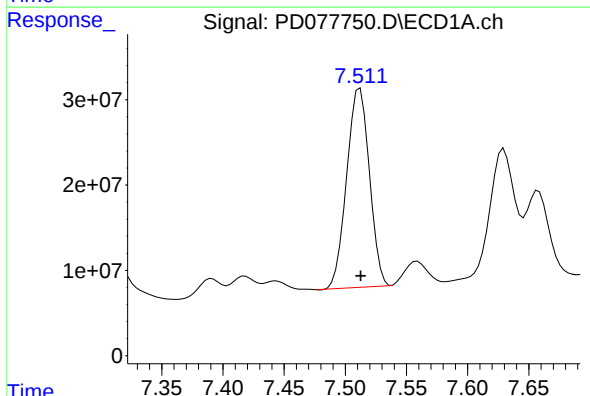
R.T.: 7.170 min  
Delta R.T.: -0.001 min  
Response: 143599376  
Conc: 47.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



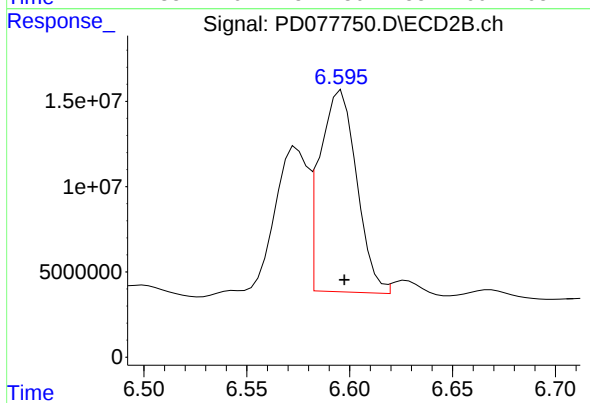
#19 Endosulfan Sulfate

R.T.: 6.318 min  
Delta R.T.: -0.001 min  
Response: 98837495  
Conc: 59.82 ng/ml



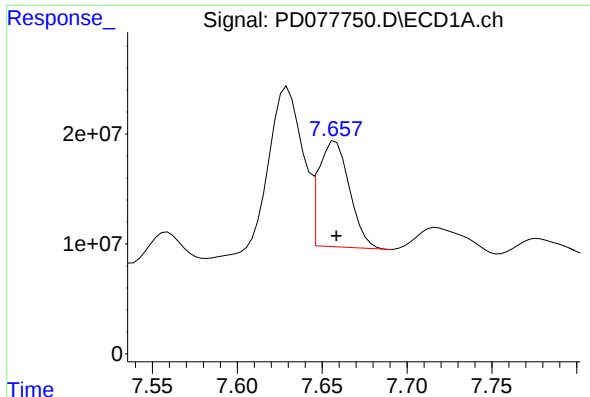
#20 Methoxychlor

R.T.: 7.512 min  
Delta R.T.: 0.000 min  
Response: 301124248  
Conc: 193.07 ng/ml



#20 Methoxychlor

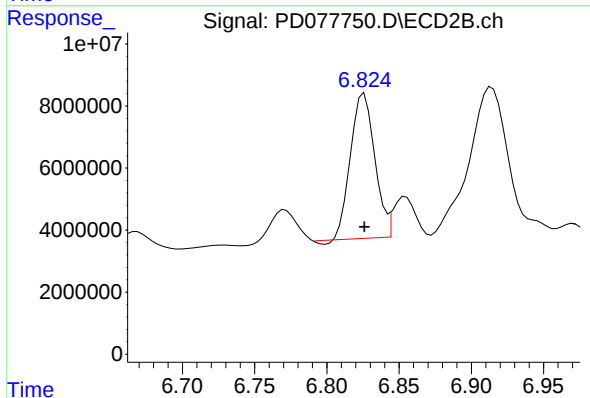
R.T.: 6.596 min  
Delta R.T.: -0.001 min  
Response: 147975486  
Conc: 189.64 ng/ml



#21 Endrin ketone

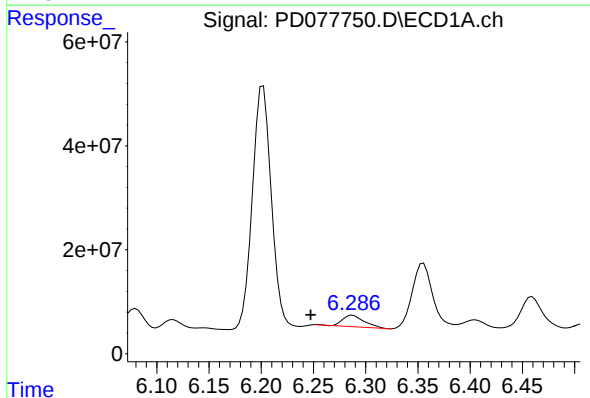
R.T.: 7.658 min  
Delta R.T.: 0.000 min  
Response: 121498469  
Conc: 35.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



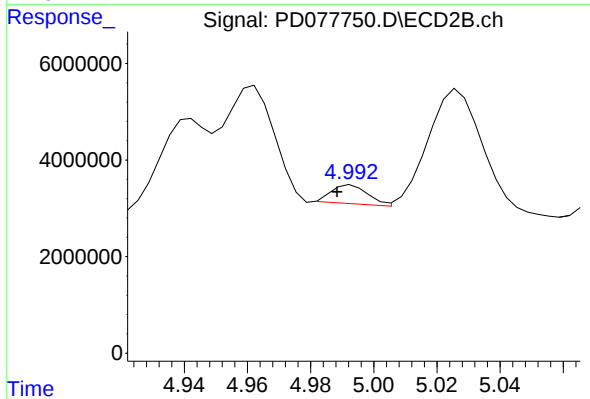
#21 Endrin ketone

R.T.: 6.826 min  
Delta R.T.: 0.000 min  
Response: 54161865  
Conc: 28.27 ng/ml



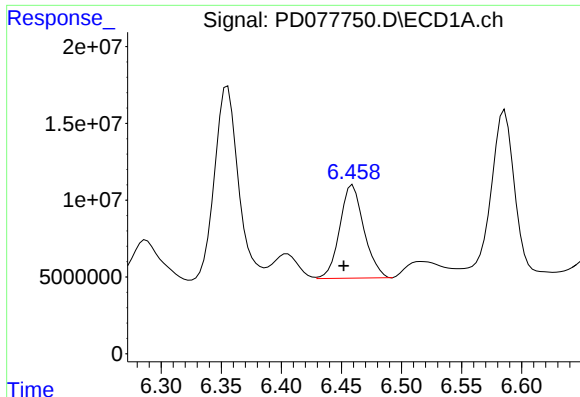
#22 Toxaphene-1

R.T.: 6.288 min  
Delta R.T.: 0.040 min  
Response: 32189313  
Conc: 1206.38 ng/ml



#22 Toxaphene-1

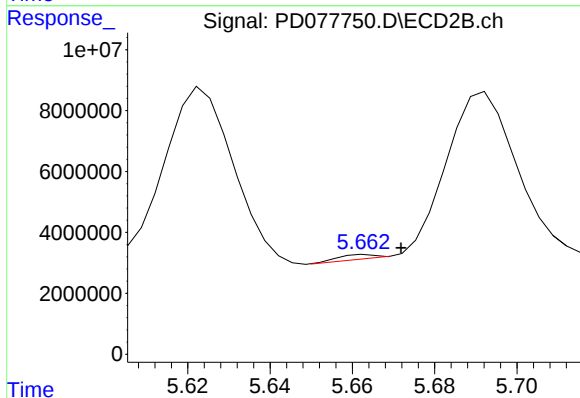
R.T.: 4.993 min  
Delta R.T.: 0.005 min  
Response: 3123016  
Conc: 299.20 ng/ml



#23 Toxaphene-2

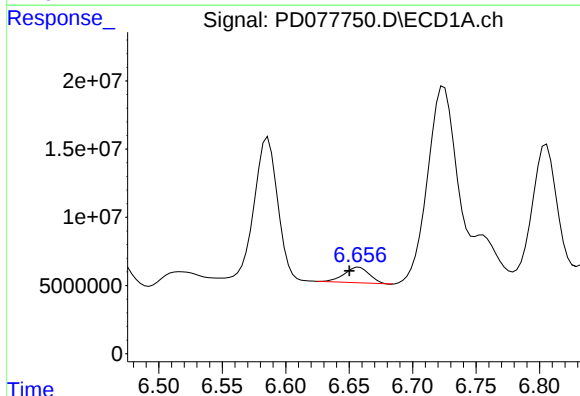
R.T.: 6.459 min  
Delta R.T.: 0.007 min  
Response: 85039766  
Conc: 2592.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



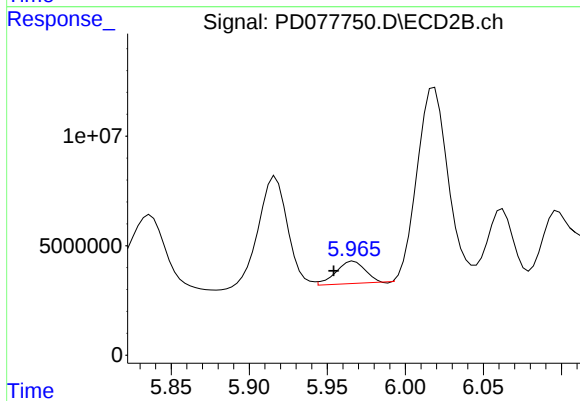
#23 Toxaphene-2

R.T.: 5.664 min  
Delta R.T.: -0.008 min  
Response: 827648  
Conc: 68.63 ng/ml



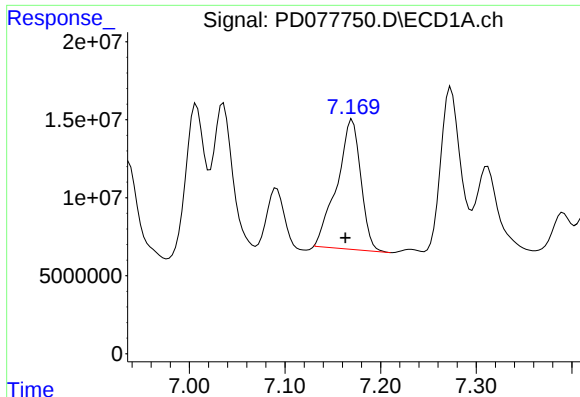
#24 Toxaphene-3

R.T.: 6.658 min  
Delta R.T.: 0.007 min  
Response: 15251112  
Conc: 660.68 ng/ml



#24 Toxaphene-3

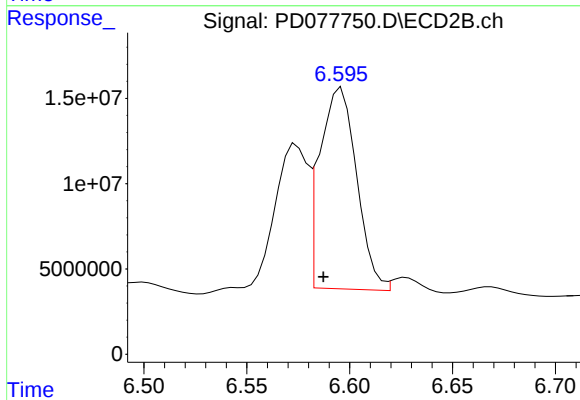
R.T.: 5.967 min  
Delta R.T.: 0.013 min  
Response: 12745969  
Conc: 934.58 ng/ml



#25 Toxaphene-4

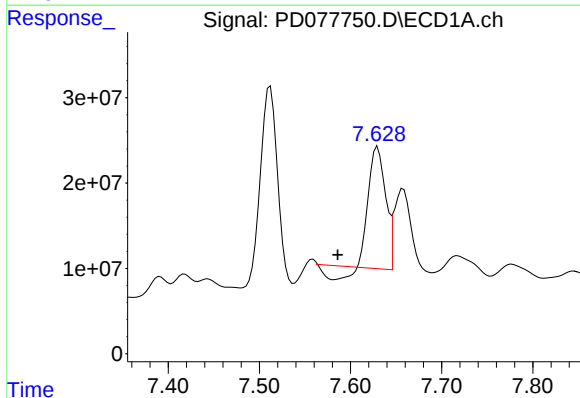
R.T.: 7.170 min  
Delta R.T.: 0.007 min  
Response: 143599376  
Conc: 1998.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



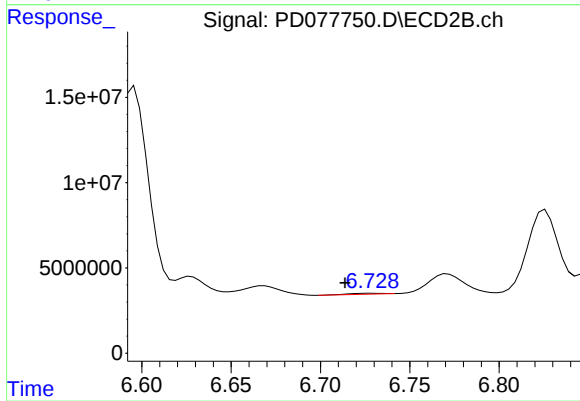
#25 Toxaphene-4

R.T.: 6.596 min  
Delta R.T.: 0.009 min  
Response: 147975486  
Conc: 3834.35 ng/ml



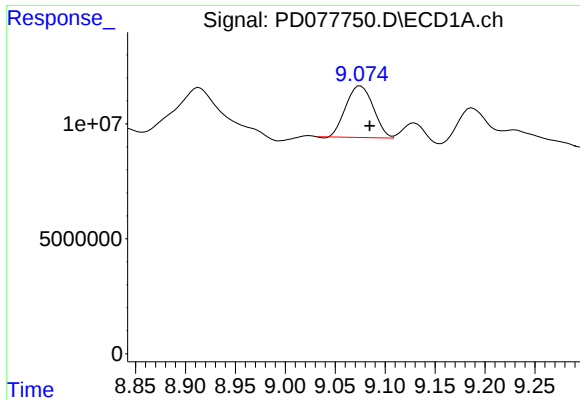
#26 Toxaphene-5

R.T.: 7.630 min  
Delta R.T.: 0.044 min  
Response: 163296164  
Conc: 3133.53 ng/ml



#26 Toxaphene-5

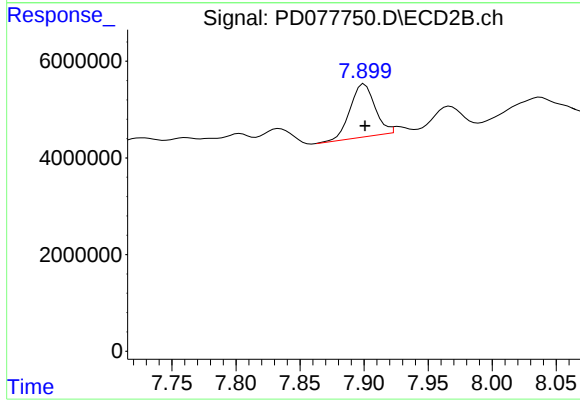
R.T.: 6.729 min  
Delta R.T.: 0.015 min  
Response: 704400  
Conc: 12.69 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.075 min  
Delta R.T.: -0.009 min  
Response: 42922734  
Conc: 13.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.900 min  
Delta R.T.: 0.000 min  
Response: 14723151  
Conc: 9.09 ng/ml