

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071423\  
 Data File : PD076717.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jul 2023 01:37  
 Operator : AR\AJ  
 Sample : 03437-13  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 15 06:47:35 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071423CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 14:58:34 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

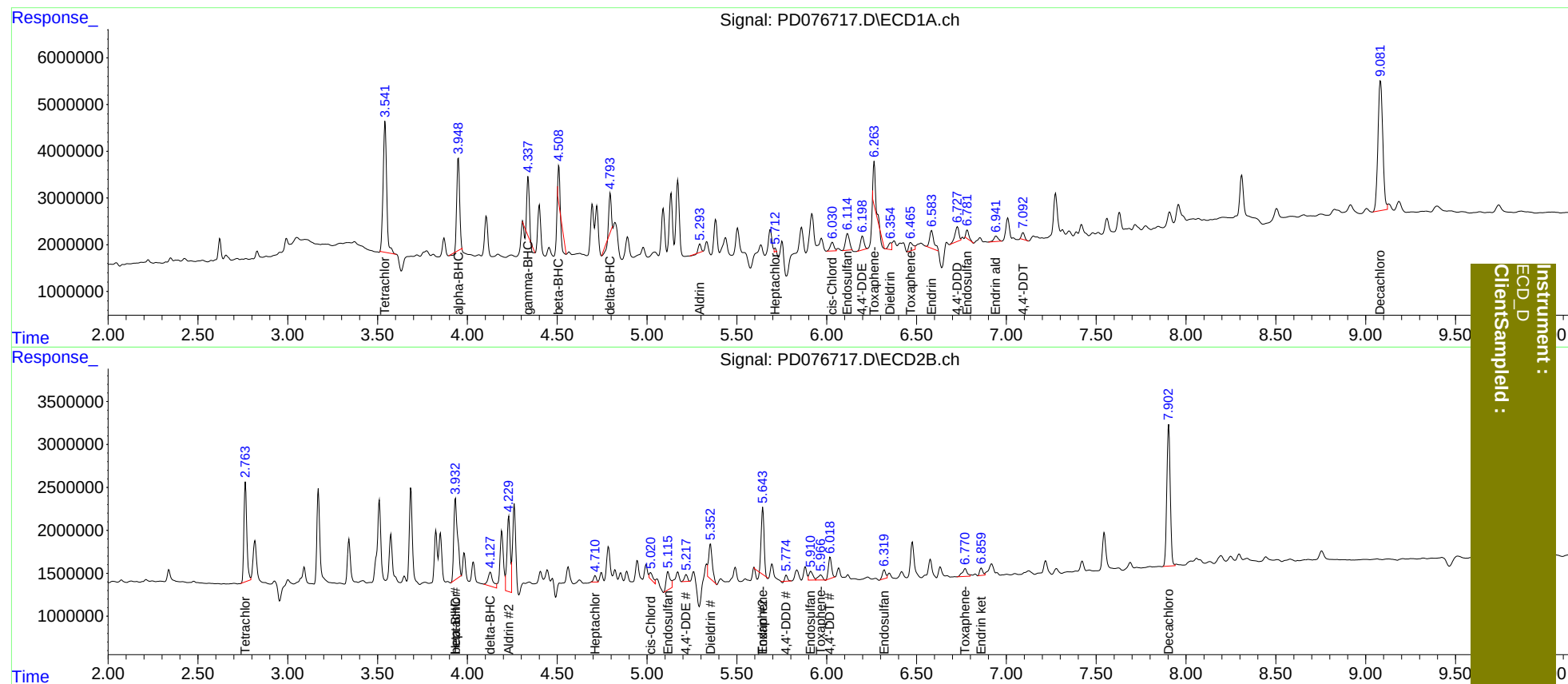
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.542  | 2.765  | 38455057 | 12728826 | 18.076  | 11.925 #  |
| 27)                         | SA Decachlor... | 9.083  | 7.904  | 51980586 | 22047523 | 21.396  | 20.567    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.950f | 0.000  | 22164278 | 0        | 6.253   | N.D. #    |
| 3)                          | MA gamma-BHC... | 4.338  | 3.574  | 10568812 | -240149  | 3.186   | N.D. #    |
| 4)                          | MA Heptachlor   | 0.000  | 3.933  | 0        | 13732921 | N.D.    | 9.185     |
| 5)                          | MB Aldrin       | 5.294  | 4.231  | 1770855  | 11108594 | 0.518   | 7.381 #   |
| 6)                          | B beta-BHC      | 4.509f | 3.933f | 1139277  | 13732921 | 0.750   | 19.170 #  |
| 7)                          | B delta-BHC     | 4.795  | 4.128  | 6713639  | 3018393  | 2.002   | 1.978     |
| 8)                          | B Heptachlo...  | 5.713  | 4.711  | 552936   | 810213   | 0.185   | 0.576 #   |
| 9)                          | A Endosulfan I  | 6.116  | 5.117  | 4868736  | 3185464  | 1.709   | 2.571 #   |
| 11)                         | B cis-Chlor...  | 6.032  | 5.020  | 2739379  | 1202868  | 0.864   | 0.853     |
| 12)                         | B 4,4'-DDE      | 6.199  | 5.218  | 4018944  | 970928   | 1.379   | 0.803 #   |
| 13)                         | MA Dieldrin     | 6.356  | 5.353  | 1675565  | 5837514  | 0.531   | 4.186 #   |
| 14)                         | MA Endrin       | 6.584  | 5.644  | 6346774  | 7639651  | 2.462   | 6.178 #   |
| 15)                         | B Endosulfa...  | 6.782  | 5.912  | 2136657  | 1578976  | 0.804   | 1.313 #   |
| 16)                         | A 4,4'-DDD      | 6.728  | 5.775  | 4785248  | 599231   | 2.118   | 0.632 #   |
| 17)                         | MA 4,4'-DDT     | 7.093f | 6.019  | 1763299  | 3082921  | 0.790   | 3.291 #   |
| 18)                         | B Endrin al...  | 6.943  | 6.118  | 1916493  | -165086  | 1.025   | N.D. #    |
| 19)                         | B Endosulfa...  | 0.000  | 6.320  | 0        | 1291538  | N.D.    | 1.158     |
| 21)                         | B Endrin ke...  | 0.000  | 6.861  | 0        | 1047115  | N.D.    | 0.818     |
| 22)                         | Toxaphene-1     | 6.264  | 4.995  | 5901533  | -150148  | 265.640 | N.D. #    |
| 23)                         | Toxaphene-2     | 6.467  | 5.644  | 2930882  | 7639651  | 106.287 | 962.690 # |
| 24)                         | Toxaphene-3     | 6.668  | 5.967  | -161792  | 1021491  | N.D.    | 111.405   |
| 26)                         | Toxaphene-5     | 0.000  | 6.771f | 0        | 1730938  | N.D.    | 46.748    |
| -----                       |                 |        |        |          |          |         |           |

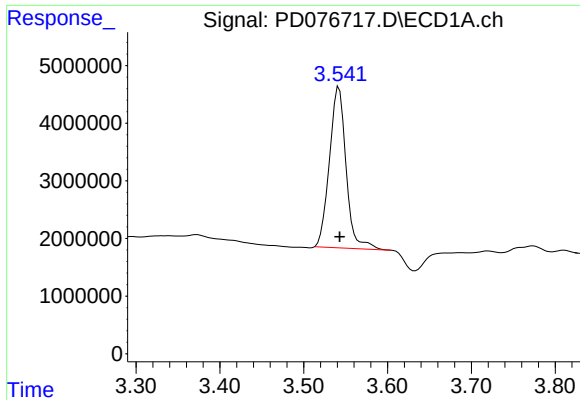
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071423\  
Data File : PD076717.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jul 2023 01:37  
Operator : AR\AJ  
Sample : 03437-13  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 15 06:47:35 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071423CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 14:58:34 2023  
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

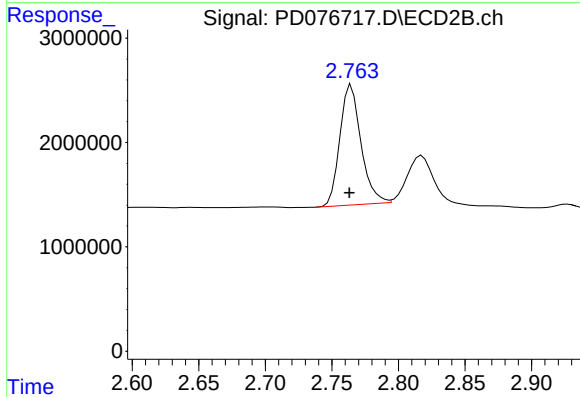




#1 Tetrachloro-m-xylene

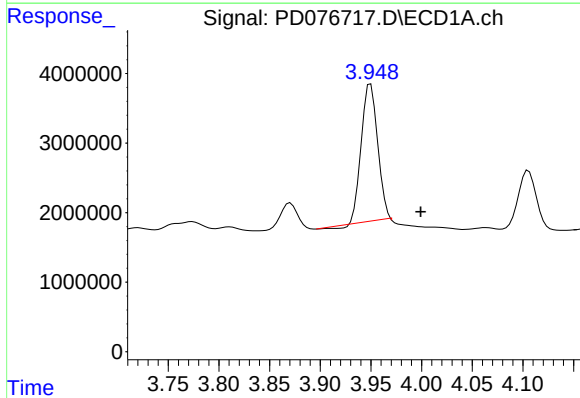
R.T.: 3.542 min  
Delta R.T.: 0.000 min  
Response: 38455057  
Conc: 18.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



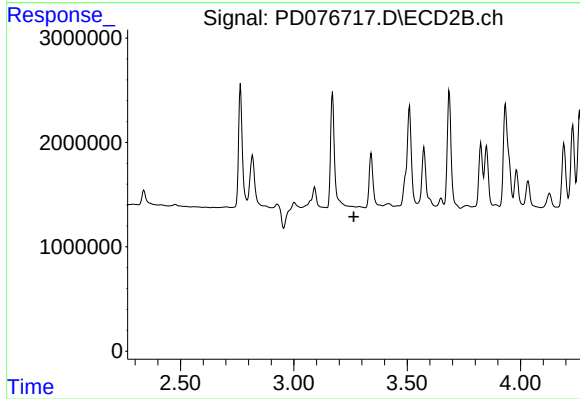
#1 Tetrachloro-m-xylene

R.T.: 2.765 min  
Delta R.T.: 0.001 min  
Response: 12728826  
Conc: 11.92 ng/ml



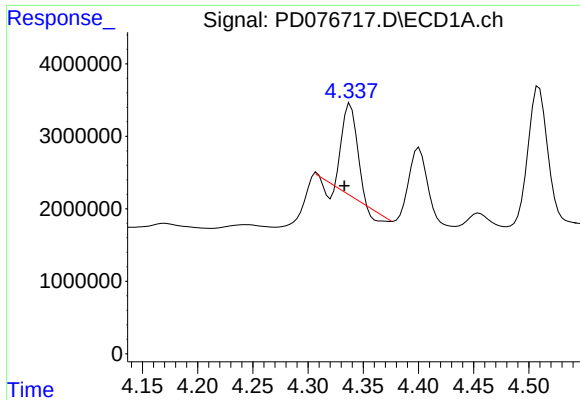
#2 alpha-BHC

R.T.: 3.950 min  
Delta R.T.: -0.049 min  
Response: 22164278  
Conc: 6.25 ng/ml



#2 alpha-BHC

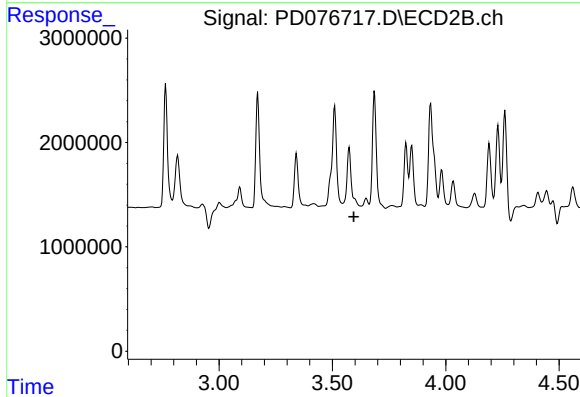
R.T.: 0.000 min  
Exp R.T. : 3.265 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

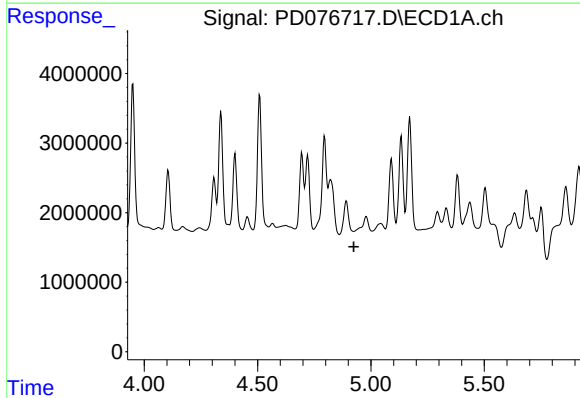
R.T.: 4.338 min  
Delta R.T.: 0.005 min  
Response: 10568812  
Conc: 3.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



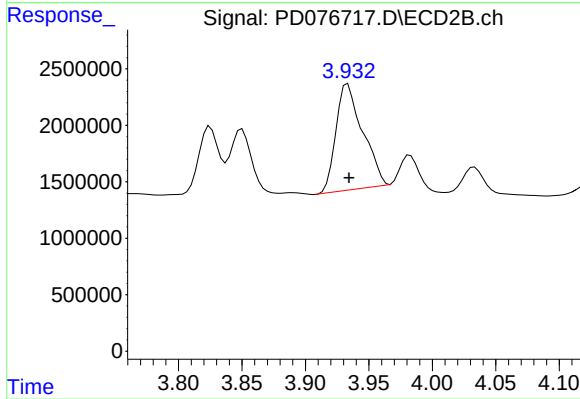
#3 gamma-BHC (Lindane)

R.T.: 3.574 min  
Delta R.T.: -0.020 min  
Response: -240149  
Conc: N.D.



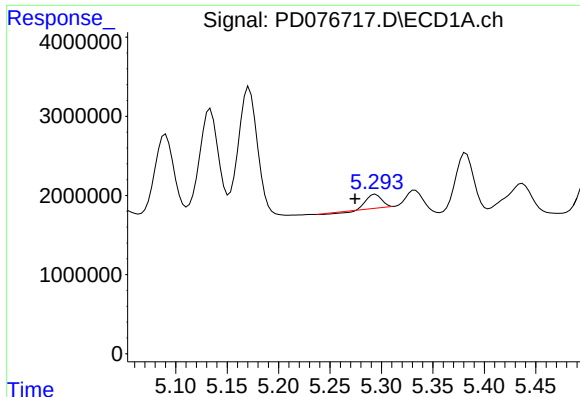
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.924 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

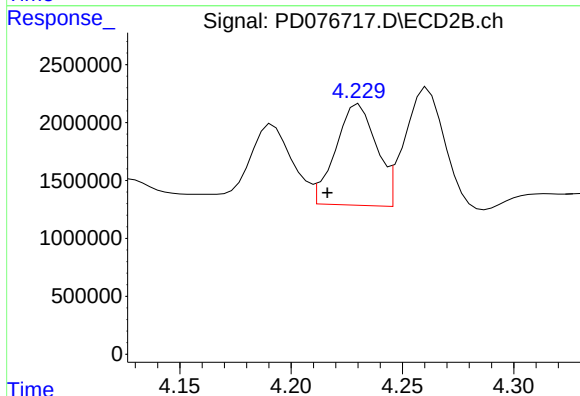
R.T.: 3.933 min  
Delta R.T.: 0.000 min  
Response: 13732921  
Conc: 9.18 ng/ml



#5 Aldrin

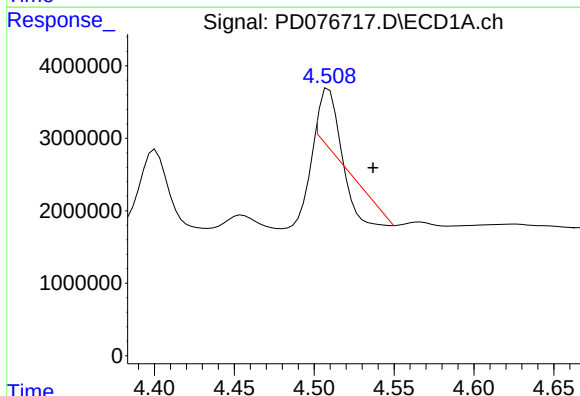
R.T.: 5.294 min  
Delta R.T.: 0.020 min  
Response: 1770855  
Conc: 0.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



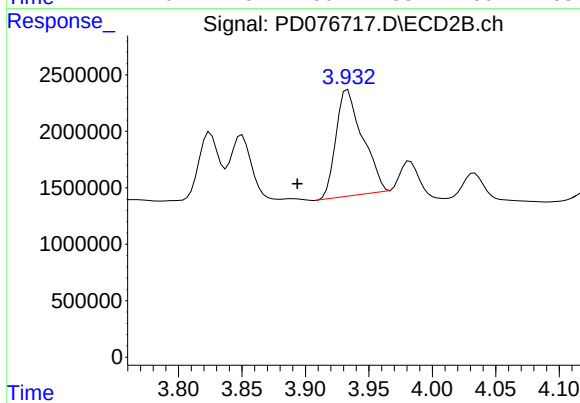
#5 Aldrin

R.T.: 4.231 min  
Delta R.T.: 0.014 min  
Response: 11108594  
Conc: 7.38 ng/ml



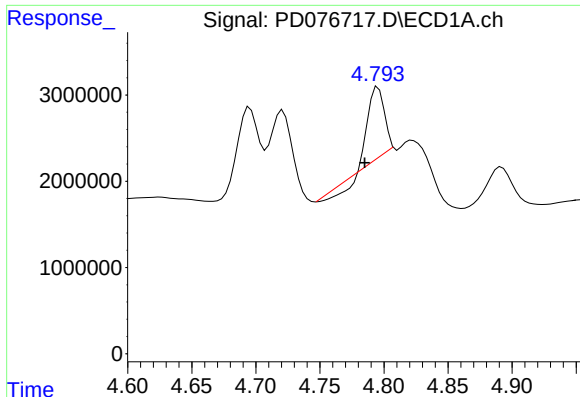
#6 beta-BHC

R.T.: 4.509 min  
Delta R.T.: -0.028 min  
Response: 1139277  
Conc: 0.75 ng/ml



#6 beta-BHC

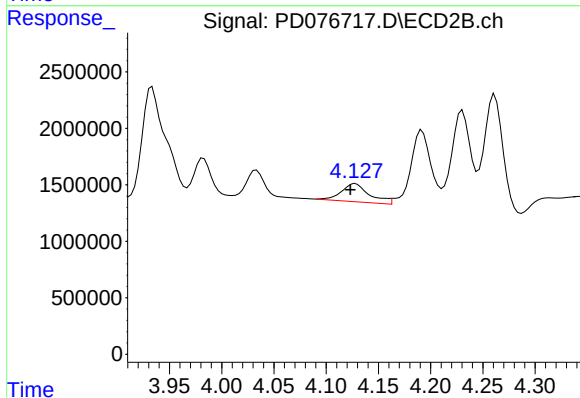
R.T.: 3.933 min  
Delta R.T.: 0.040 min  
Response: 13732921  
Conc: 19.17 ng/ml



#7 delta-BHC

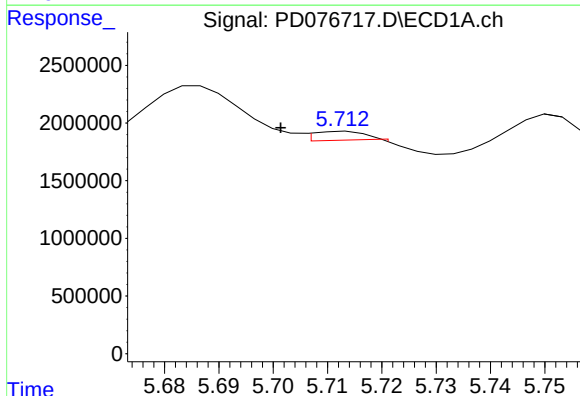
R.T.: 4.795 min  
Delta R.T.: 0.010 min  
Response: 6713639  
Conc: 2.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



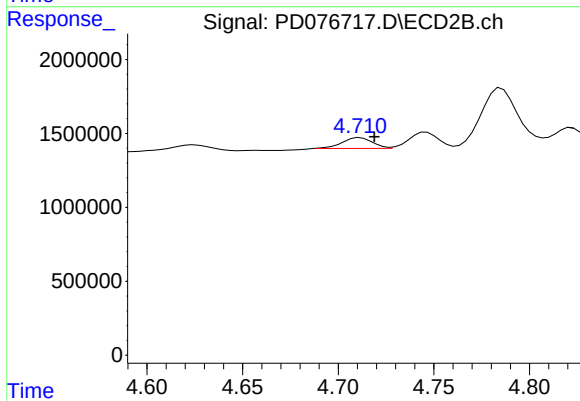
#7 delta-BHC

R.T.: 4.128 min  
Delta R.T.: 0.005 min  
Response: 3018393  
Conc: 1.98 ng/ml



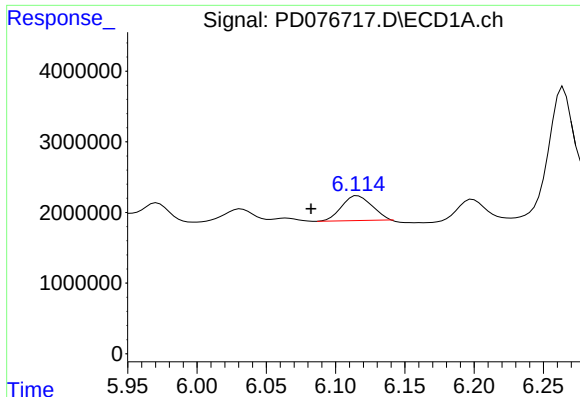
#8 Heptachlor epoxide

R.T.: 5.713 min  
Delta R.T.: 0.012 min  
Response: 552936  
Conc: 0.18 ng/ml



#8 Heptachlor epoxide

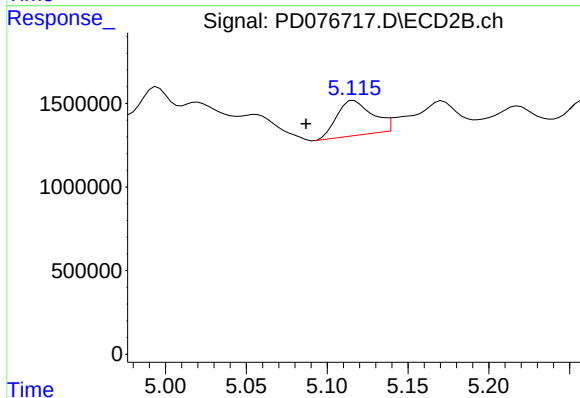
R.T.: 4.711 min  
Delta R.T.: -0.007 min  
Response: 810213  
Conc: 0.58 ng/ml



#9 Endosulfan I

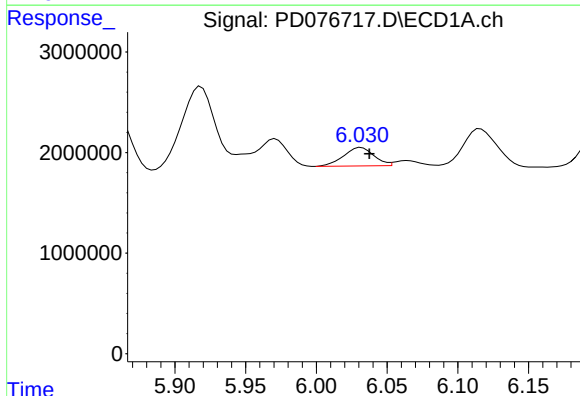
R.T.: 6.116 min  
Delta R.T.: 0.034 min  
Response: 4868736  
Conc: 1.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



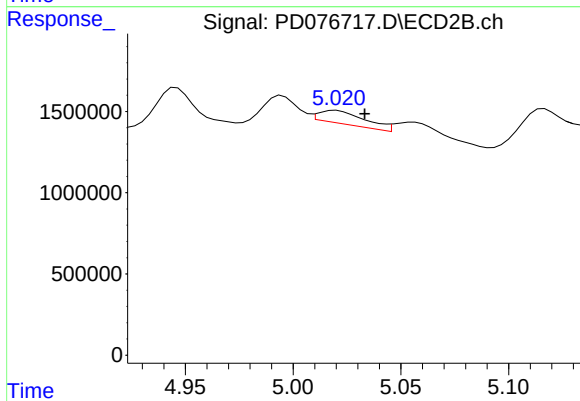
#9 Endosulfan I

R.T.: 5.117 min  
Delta R.T.: 0.030 min  
Response: 3185464  
Conc: 2.57 ng/ml



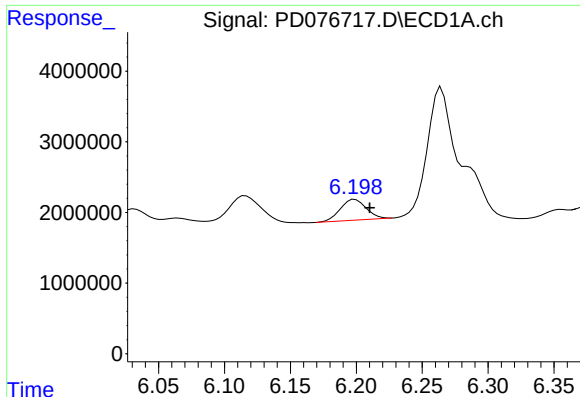
#11 cis-Chlordane

R.T.: 6.032 min  
Delta R.T.: -0.006 min  
Response: 2739379  
Conc: 0.86 ng/ml



#11 cis-Chlordane

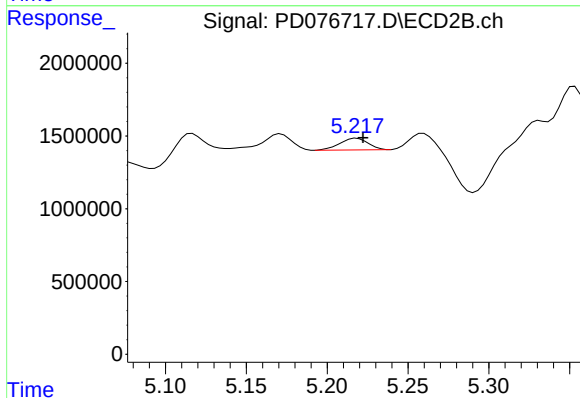
R.T.: 5.020 min  
Delta R.T.: -0.013 min  
Response: 1202868  
Conc: 0.85 ng/ml



#12 4,4'-DDE

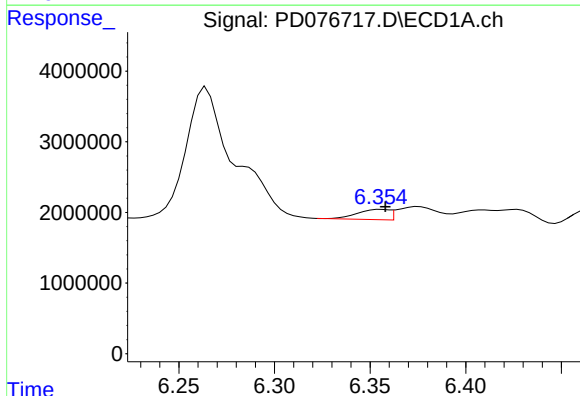
R.T.: 6.199 min  
Delta R.T.: -0.011 min  
Response: 4018944  
Conc: 1.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



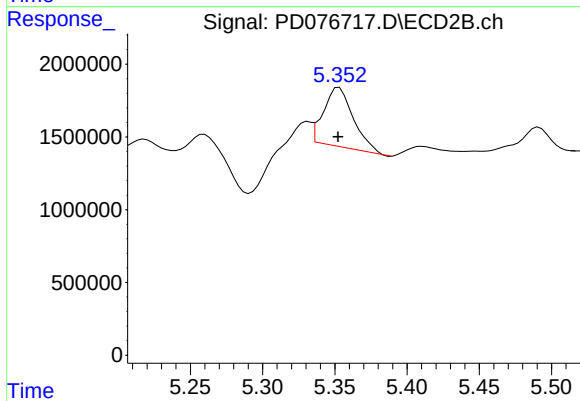
#12 4,4'-DDE

R.T.: 5.218 min  
Delta R.T.: -0.004 min  
Response: 970928  
Conc: 0.80 ng/ml



#13 Dieldrin

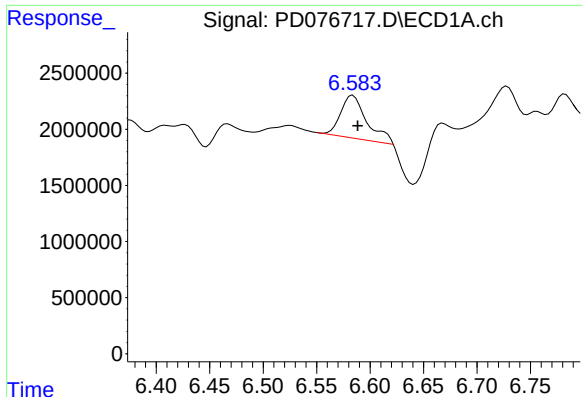
R.T.: 6.356 min  
Delta R.T.: -0.002 min  
Response: 1675565  
Conc: 0.53 ng/ml



#13 Dieldrin

R.T.: 5.353 min  
Delta R.T.: 0.000 min  
Response: 5837514  
Conc: 4.19 ng/ml

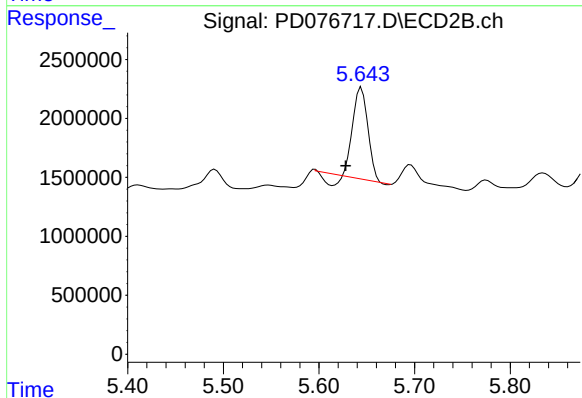




#14 Endrin

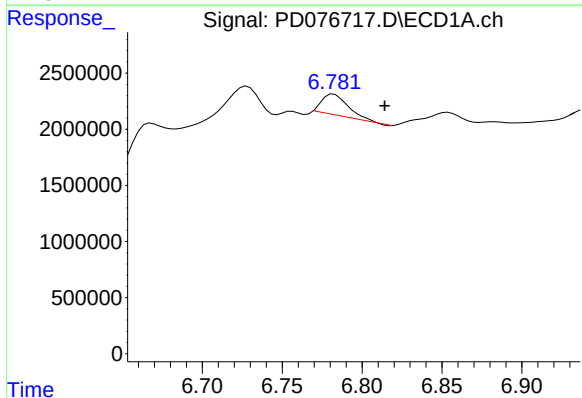
R.T.: 6.584 min  
Delta R.T.: -0.005 min  
Response: 6346774  
Conc: 2.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



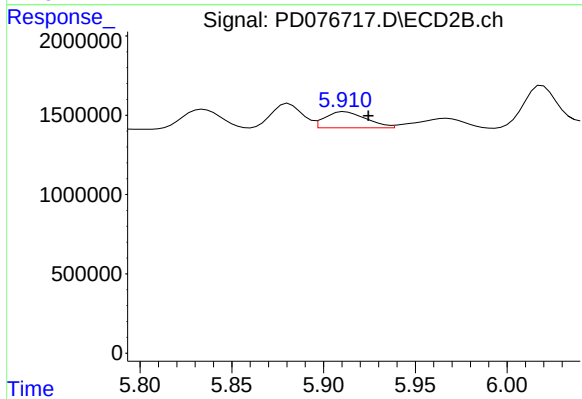
#14 Endrin

R.T.: 5.644 min  
Delta R.T.: 0.016 min  
Response: 7639651  
Conc: 6.18 ng/ml



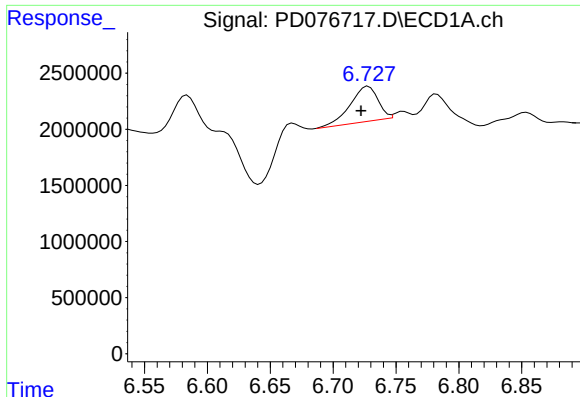
#15 Endosulfan II

R.T.: 6.782 min  
Delta R.T.: -0.032 min  
Response: 2136657  
Conc: 0.80 ng/ml



#15 Endosulfan II

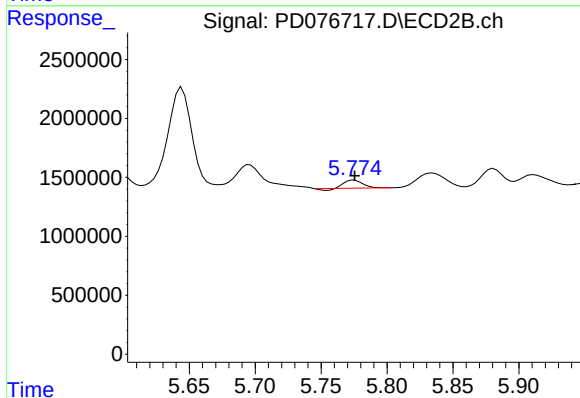
R.T.: 5.912 min  
Delta R.T.: -0.013 min  
Response: 1578976  
Conc: 1.31 ng/ml



#16 4,4'-DDD

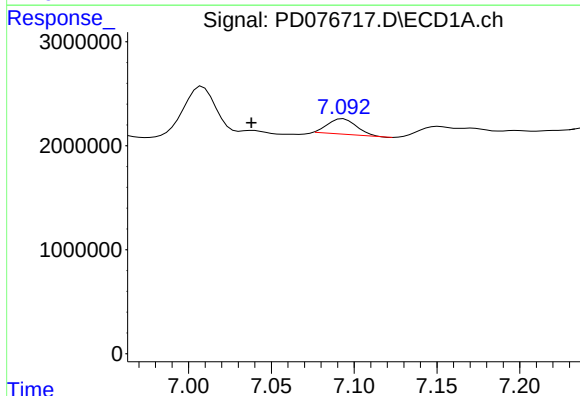
R.T.: 6.728 min  
Delta R.T.: 0.006 min  
Response: 4785248  
Conc: 2.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



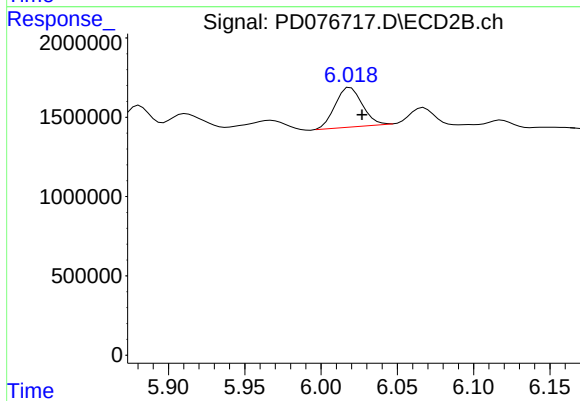
#16 4,4'-DDD

R.T.: 5.775 min  
Delta R.T.: 0.000 min  
Response: 599231  
Conc: 0.63 ng/ml



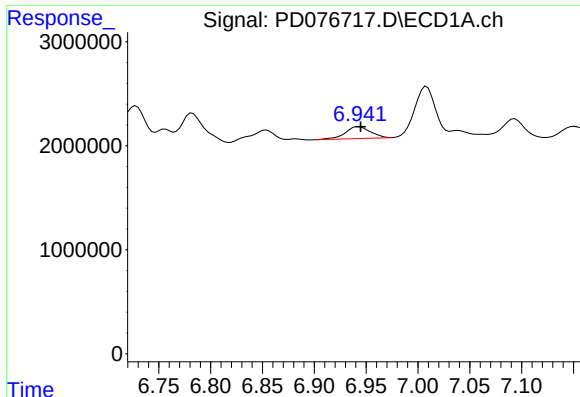
#17 4,4'-DDT

R.T.: 7.093 min  
Delta R.T.: 0.055 min  
Response: 1763299  
Conc: 0.79 ng/ml



#17 4,4'-DDT

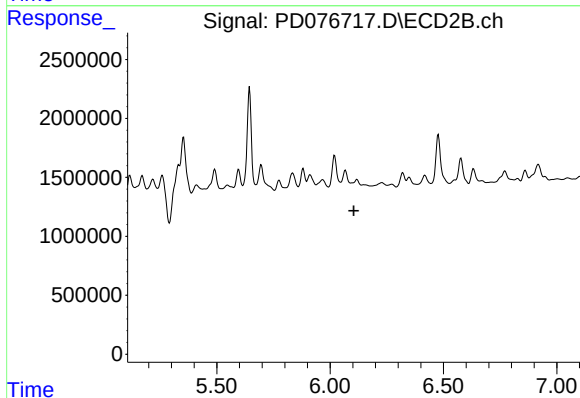
R.T.: 6.019 min  
Delta R.T.: -0.008 min  
Response: 3082921  
Conc: 3.29 ng/ml



#18 Endrin aldehyde

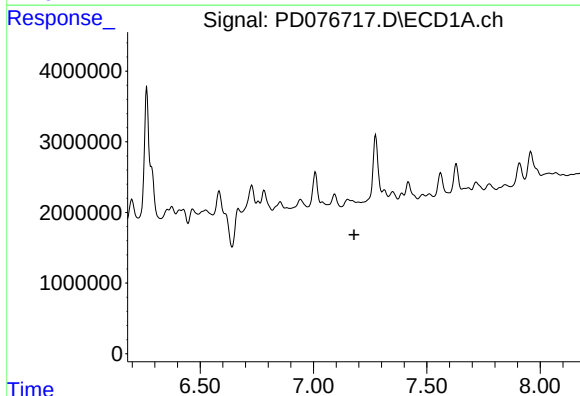
R.T.: 6.943 min  
Delta R.T.: -0.002 min  
Response: 1916493  
Conc: 1.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



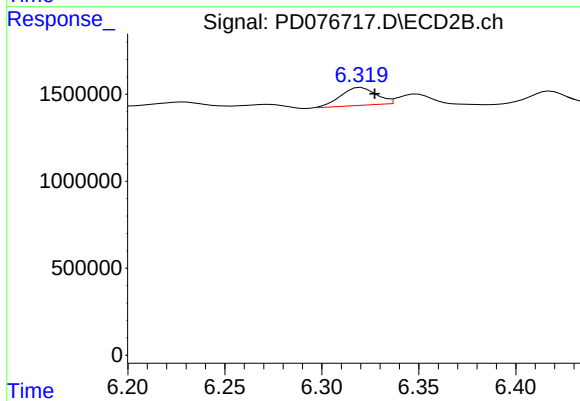
#18 Endrin aldehyde

R.T.: 6.118 min  
Delta R.T.: 0.014 min  
Response: -165086  
Conc: N.D.



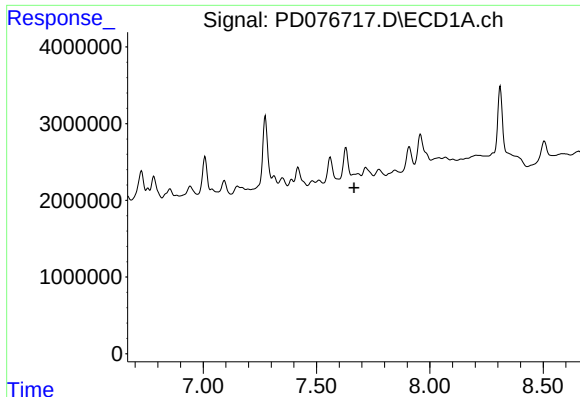
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.180 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

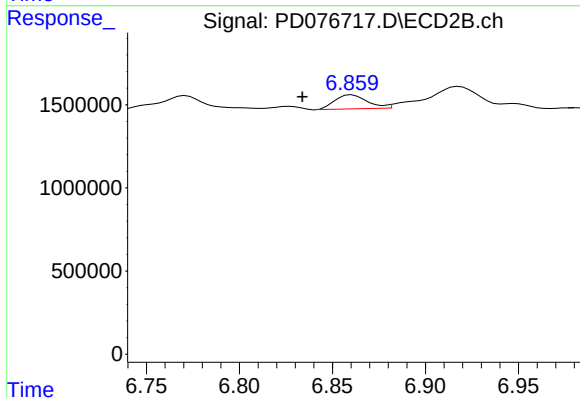
R.T.: 6.320 min  
Delta R.T.: -0.007 min  
Response: 1291538  
Conc: 1.16 ng/ml



#21 Endrin ketone

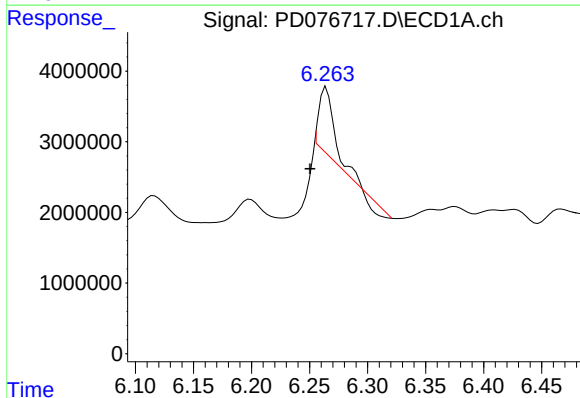
R.T.: 0.000 min  
Exp R.T.: 7.666 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



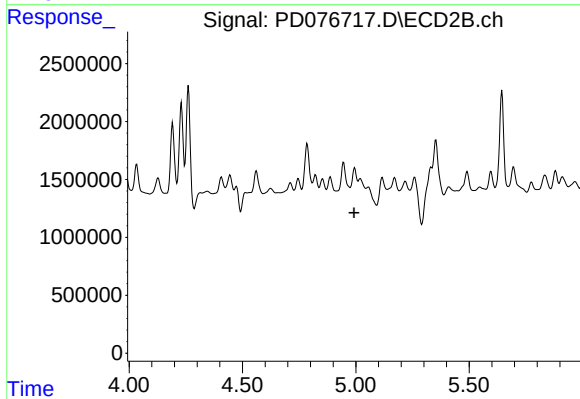
#21 Endrin ketone

R.T.: 6.861 min  
Delta R.T.: 0.027 min  
Response: 1047115  
Conc: 0.82 ng/ml



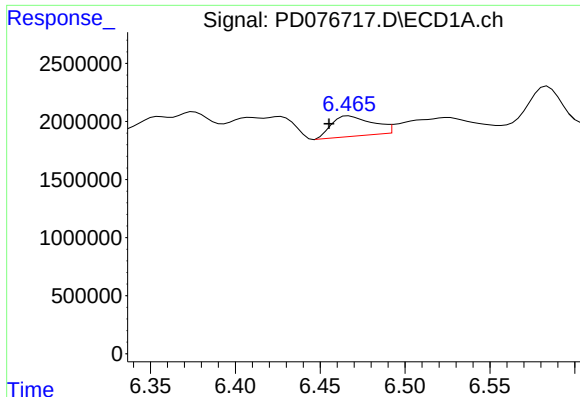
#22 Toxaphene-1

R.T.: 6.264 min  
Delta R.T.: 0.014 min  
Response: 5901533  
Conc: 265.64 ng/ml



#22 Toxaphene-1

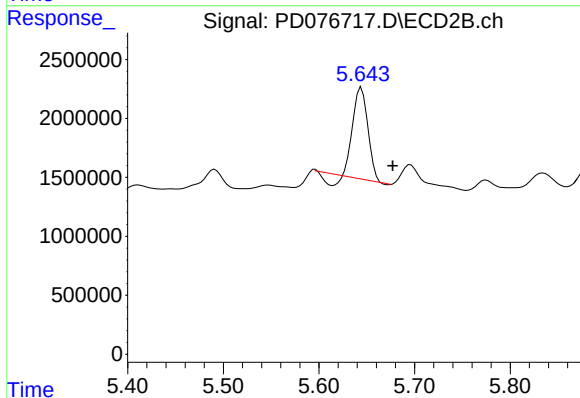
R.T.: 4.995 min  
Delta R.T.: 0.002 min  
Response: -150148  
Conc: N.D.



#23 Toxaphene-2

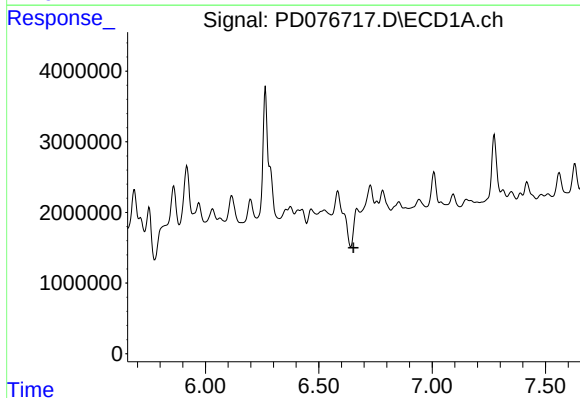
R.T.: 6.467 min  
Delta R.T.: 0.012 min  
Response: 2930882  
Conc: 106.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



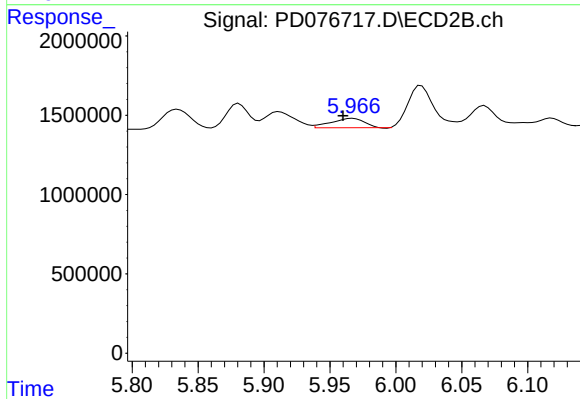
#23 Toxaphene-2

R.T.: 5.644 min  
Delta R.T.: -0.033 min  
Response: 7639651  
Conc: 962.69 ng/ml



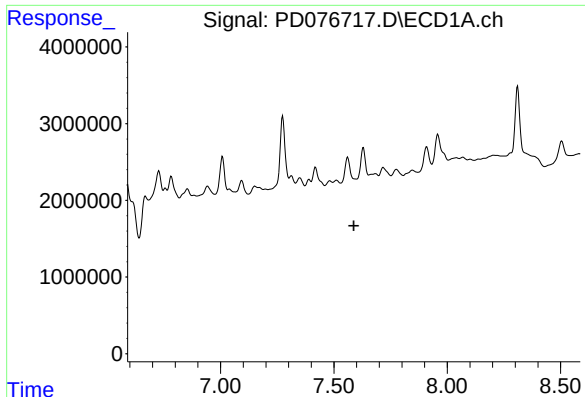
#24 Toxaphene-3

R.T.: 6.668 min  
Delta R.T.: 0.015 min  
Response: -161792  
Conc: N.D.



#24 Toxaphene-3

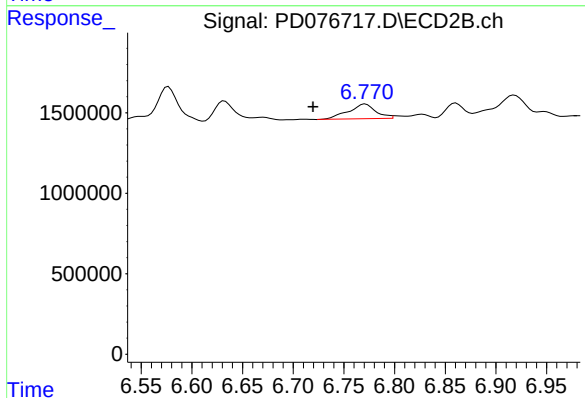
R.T.: 5.967 min  
Delta R.T.: 0.007 min  
Response: 1021491  
Conc: 111.41 ng/ml



#26 Toxaphene-5

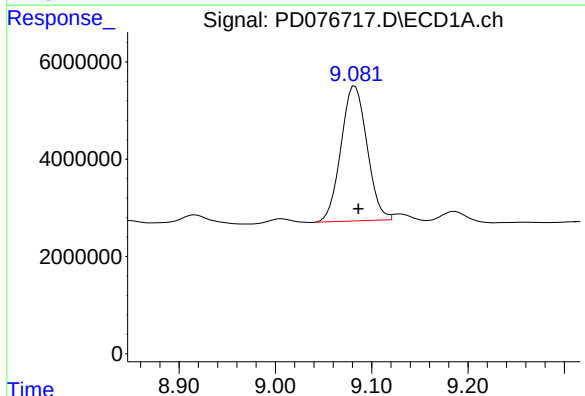
R.T.: 0.000 min  
Exp R.T.: 7.588 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



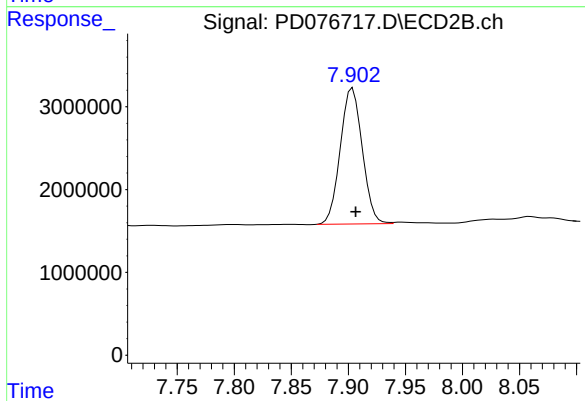
#26 Toxaphene-5

R.T.: 6.771 min  
Delta R.T.: 0.052 min  
Response: 1730938  
Conc: 46.75 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: -0.003 min  
Response: 51980586  
Conc: 21.40 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.904 min  
Delta R.T.: -0.003 min  
Response: 22047523  
Conc: 20.57 ng/ml