

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090123\  
 Data File : PD077522.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Aug 2023 11:14  
 Operator : AR\AJ  
 Sample : 04175-19  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 01 00:58:41 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081423CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 15 01:53:32 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

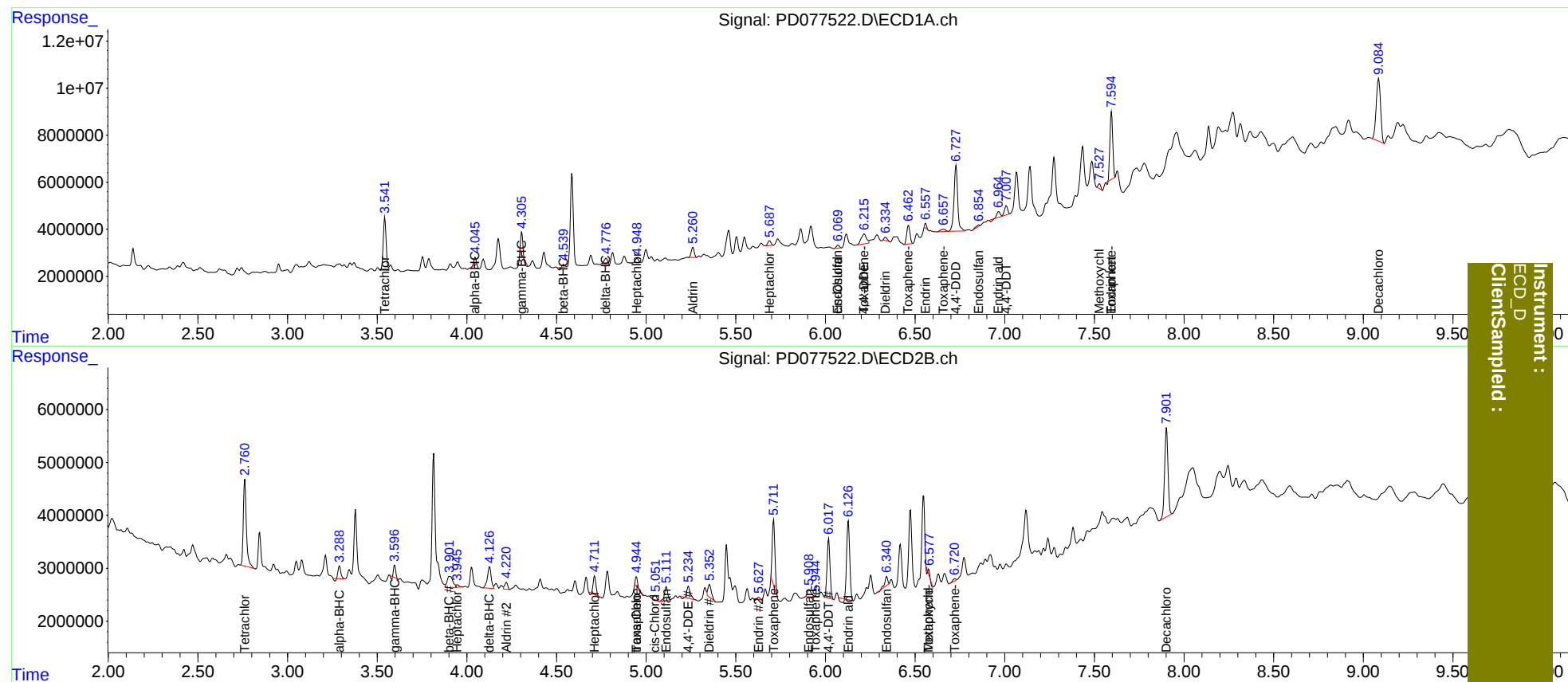
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.542  | 2.762  | 25026231 | 19376778 | 11.399  | 15.554 #   |
| 27)                         | SA Decachlor... | 9.086  | 7.902  | 44964754 | 21856897 | 17.671  | 17.534     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.047f | 3.289f | 2539673  | 2379454  | 0.703   | 1.294 #    |
| 3)                          | MA gamma-BHC... | 4.306f | 3.597  | 7018730  | 1786141  | 2.056   | 1.036 #    |
| 4)                          | MA Heptachlor   | 4.949f | 3.946  | 1775387  | 553539   | 0.508   | 0.321 #    |
| 5)                          | MB Aldrin       | 5.261  | 4.221  | 4928099  | 1557766  | 1.422   | 0.900 #    |
| 6)                          | B beta-BHC      | 4.540  | 3.903  | 215616   | 4738133  | 0.139   | 5.804 #    |
| 7)                          | B delta-BHC     | 4.777  | 4.127  | 3652440  | 6001398  | 1.102   | 3.455 #    |
| 8)                          | B Heptachlo...  | 5.689  | 4.713  | 2446935  | 3483157  | 0.767   | 2.129 #    |
| 9)                          | A Endosulfan I  | 6.070  | 5.112  | 1510576  | 3181851  | 0.534   | 2.258 #    |
| 10)                         | B trans-Chl...  | 0.000  | 4.946  | 0        | 1290110  | N.D.    | 0.835      |
| 11)                         | B cis-Chlor...  | 6.070f | 5.050  | 1510576  | 1114326  | 0.472   | 0.692 #    |
| 12)                         | B 4,4'-DDE      | 6.217  | 5.236  | 8503087  | 2737085  | 2.969   | 2.011 #    |
| 13)                         | MA Dieldrin     | 6.335  | 5.353  | 1684422  | 3165987  | 0.540   | 1.996 #    |
| 14)                         | MA Endrin       | 6.559  | 5.628  | 1511733  | 218119   | 0.595   | 0.157 #    |
| 15)                         | B Endosulfa...  | 6.856f | 5.909  | 984742   | 2099325  | 0.348   | 1.569 #    |
| 16)                         | A 4,4'-DDD      | 6.729  | 5.773  | 39664086 | -98434   | 18.251  | N.D. #     |
| 17)                         | MA 4,4'-DDT     | 7.009  | 6.018  | 4879806  | 12968952 | 2.212   | 12.526 #   |
| 18)                         | B Endrin al...  | 6.966  | 6.128  | 2242118  | 16734859 | 1.042   | 15.405 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.342  | 0        | 1822083  | N.D.    | 1.455      |
| 20)                         | A Methoxychlor  | 7.529  | 6.576  | 2079078  | 226808   | 1.616   | 0.402 #    |
| 21)                         | B Endrin ke...  | 7.595f | 6.823  | 31102651 | -230189  | 11.049  | N.D. #     |
| 22)                         | Toxaphene-1     | 6.217  | 4.946f | 8503087  | 1290110  | 380.788 | 150.409 #  |
| 23)                         | Toxaphene-2     | 6.463  | 5.711f | 10062298 | 12539620 | 366.473 | 1433.366 # |
| 24)                         | Toxaphene-3     | 6.659  | 5.945  | 2023072  | 163787   | 105.620 | 15.779 #   |
| 25)                         | Toxaphene-4     | 0.000  | 6.576  | 0        | 226808   | N.D.    | 7.909      |
| 26)                         | Toxaphene-5     | 7.595  | 6.721  | 31102651 | 450223   | 726.292 | 10.791 #   |
| -----                       |                 |        |        |          |          |         |            |

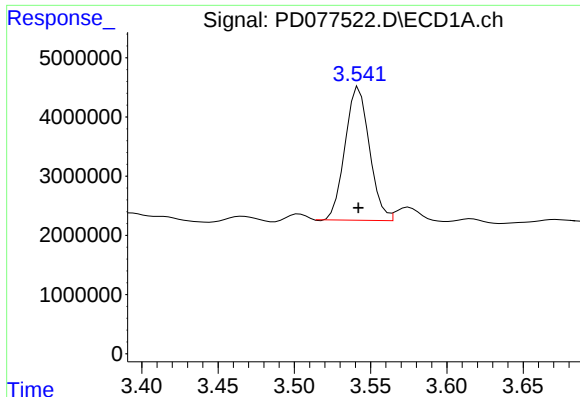
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090123\  
Data File : PD077522.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Aug 2023 11:14  
Operator : AR\AJ  
Sample : 04175-19  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 01 00:58:41 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081423CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 15 01:53:32 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

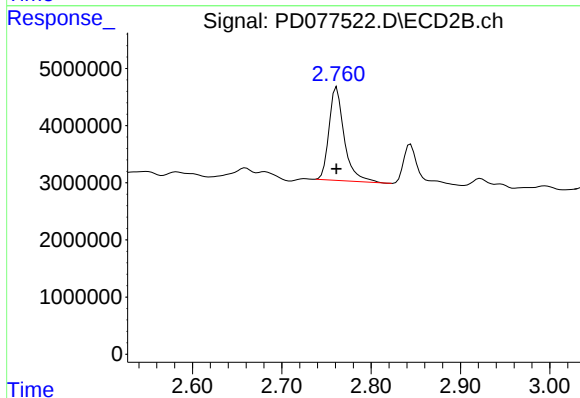




#1 Tetrachloro-m-xylene

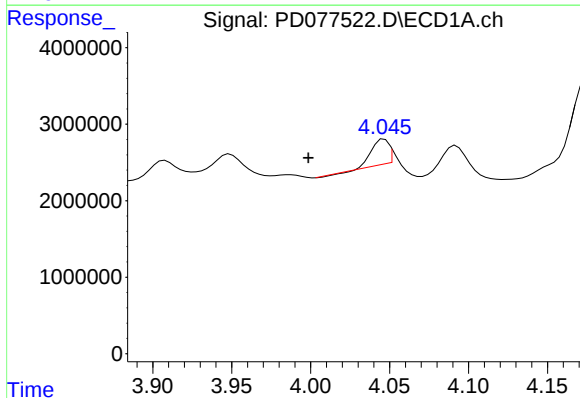
R.T.: 3.542 min  
Delta R.T.: 0.000 min  
Response: 25026231  
Conc: 11.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



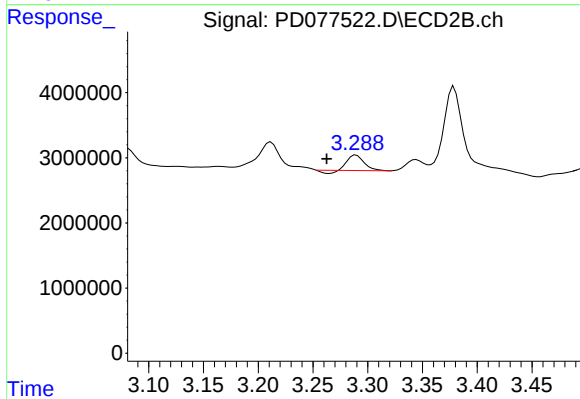
#1 Tetrachloro-m-xylene

R.T.: 2.762 min  
Delta R.T.: 0.000 min  
Response: 19376778  
Conc: 15.55 ng/ml



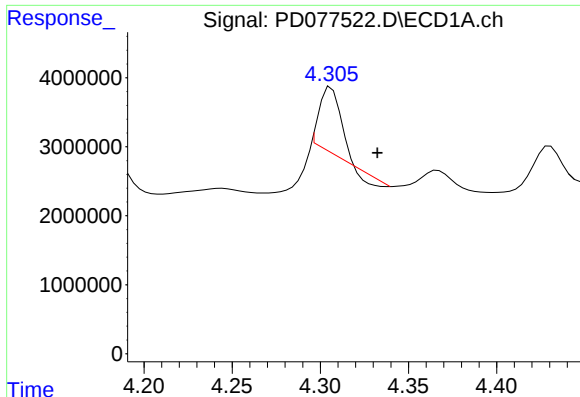
#2 alpha-BHC

R.T.: 4.047 min  
Delta R.T.: 0.048 min  
Response: 2539673  
Conc: 0.70 ng/ml



#2 alpha-BHC

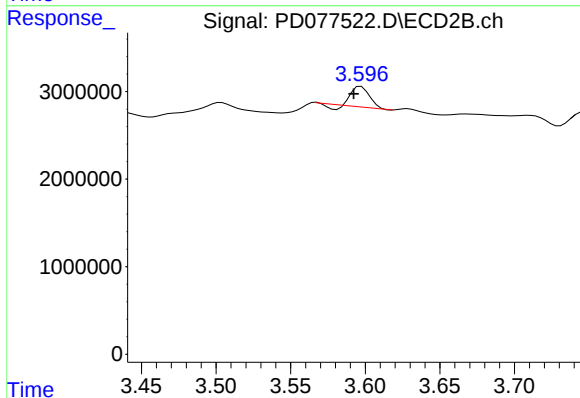
R.T.: 3.289 min  
Delta R.T.: 0.027 min  
Response: 2379454  
Conc: 1.29 ng/ml



#3 gamma-BHC (Lindane)

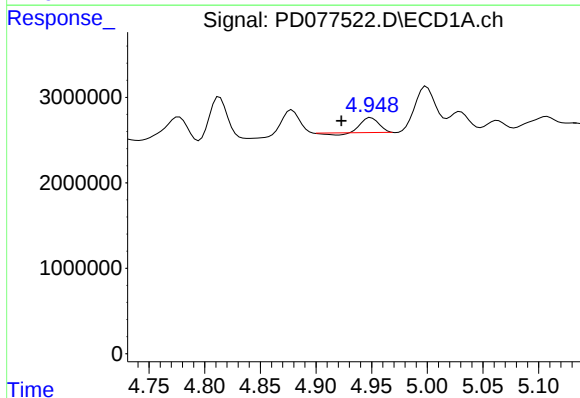
R.T.: 4.306 min  
Delta R.T.: -0.026 min  
Response: 7018730  
Conc: 2.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



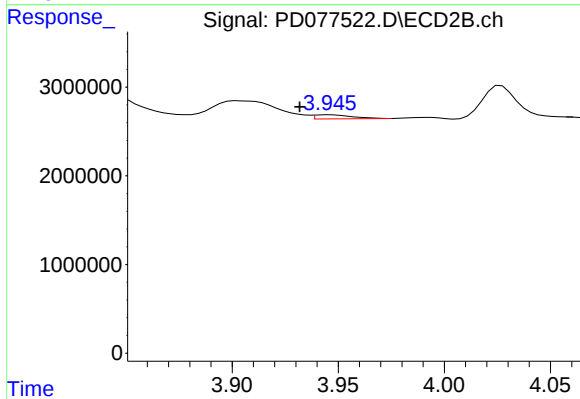
#3 gamma-BHC (Lindane)

R.T.: 3.597 min  
Delta R.T.: 0.005 min  
Response: 1786141  
Conc: 1.04 ng/ml



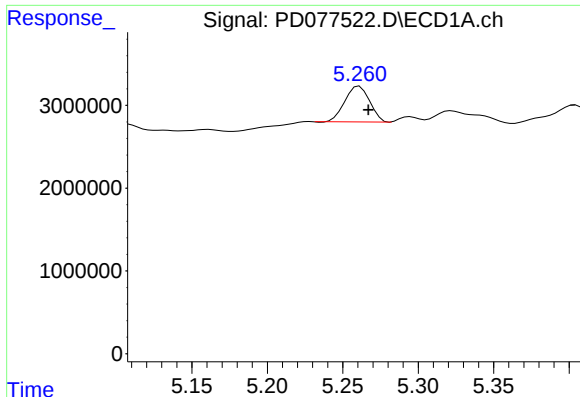
#4 Heptachlor

R.T.: 4.949 min  
Delta R.T.: 0.027 min  
Response: 1775387  
Conc: 0.51 ng/ml



#4 Heptachlor

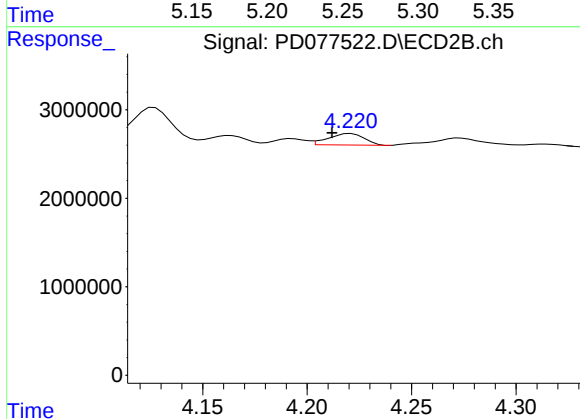
R.T.: 3.946 min  
Delta R.T.: 0.014 min  
Response: 553539  
Conc: 0.32 ng/ml



#5 Aldrin

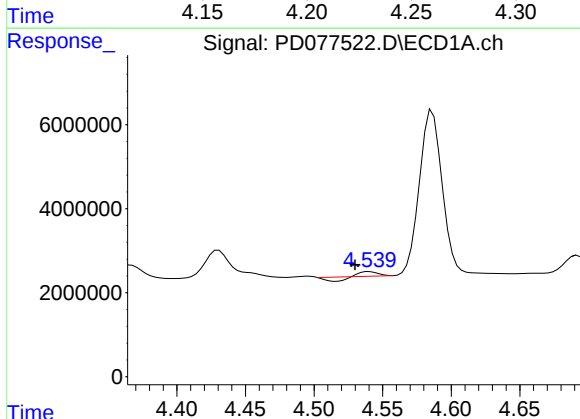
R.T.: 5.261 min  
Delta R.T.: -0.006 min  
Response: 4928099  
Conc: 1.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



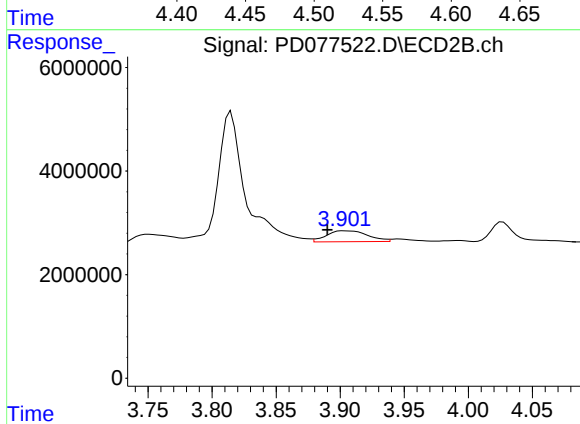
#5 Aldrin

R.T.: 4.221 min  
Delta R.T.: 0.009 min  
Response: 1557766  
Conc: 0.90 ng/ml



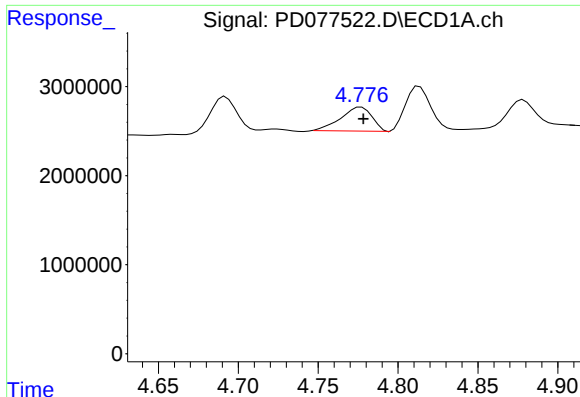
#6 beta-BHC

R.T.: 4.540 min  
Delta R.T.: 0.010 min  
Response: 215616  
Conc: 0.14 ng/ml



#6 beta-BHC

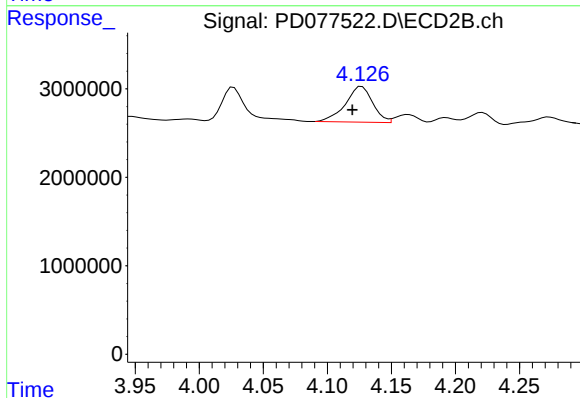
R.T.: 3.903 min  
Delta R.T.: 0.013 min  
Response: 4738133  
Conc: 5.80 ng/ml



#7 delta-BHC

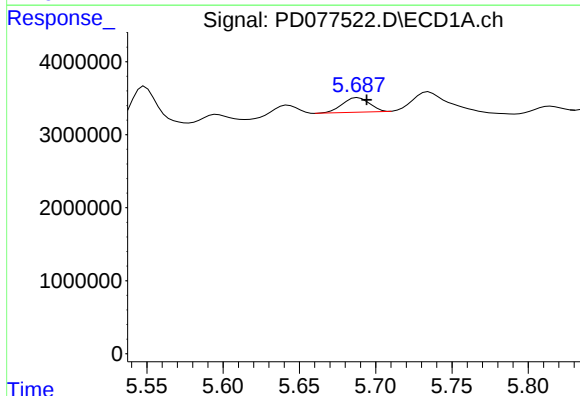
R.T.: 4.777 min  
Delta R.T.: -0.001 min  
Response: 3652440  
Conc: 1.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



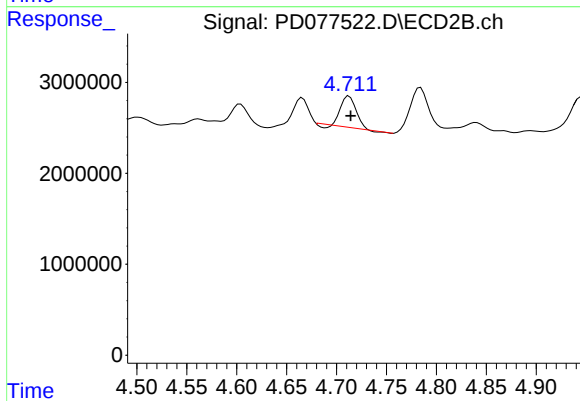
#7 delta-BHC

R.T.: 4.127 min  
Delta R.T.: 0.007 min  
Response: 6001398  
Conc: 3.46 ng/ml



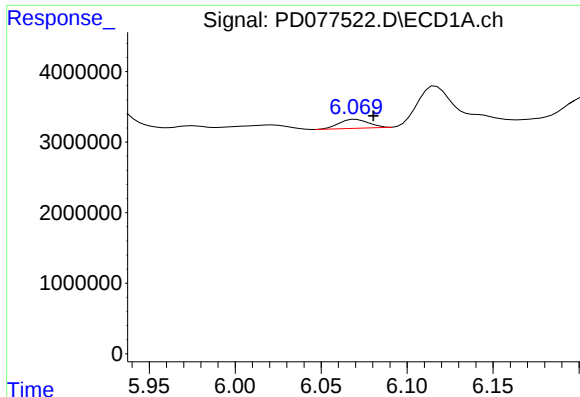
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: -0.006 min  
Response: 2446935  
Conc: 0.77 ng/ml



#8 Heptachlor epoxide

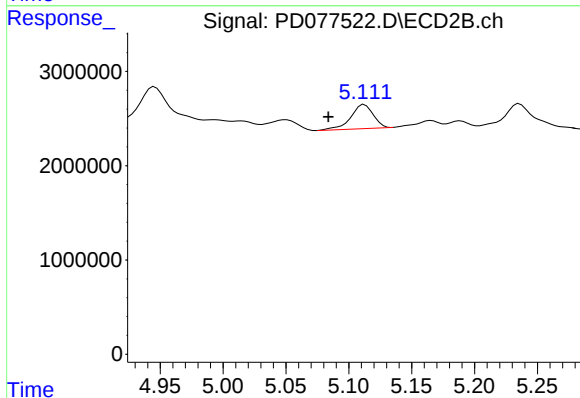
R.T.: 4.713 min  
Delta R.T.: -0.002 min  
Response: 3483157  
Conc: 2.13 ng/ml



#9 Endosulfan I

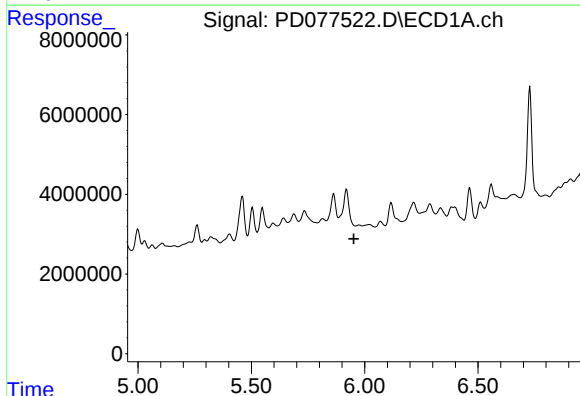
R.T.: 6.070 min  
Delta R.T.: -0.010 min  
Response: 1510576  
Conc: 0.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



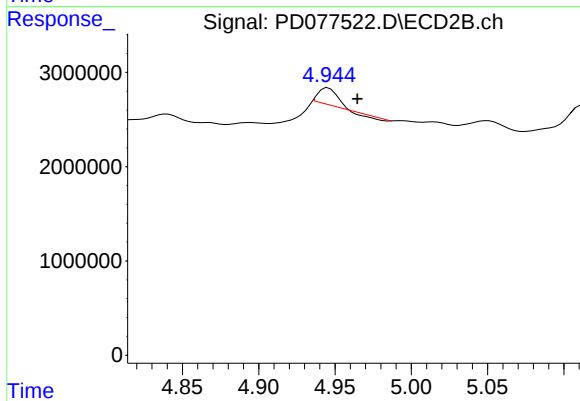
#9 Endosulfan I

R.T.: 5.112 min  
Delta R.T.: 0.029 min  
Response: 3181851  
Conc: 2.26 ng/ml



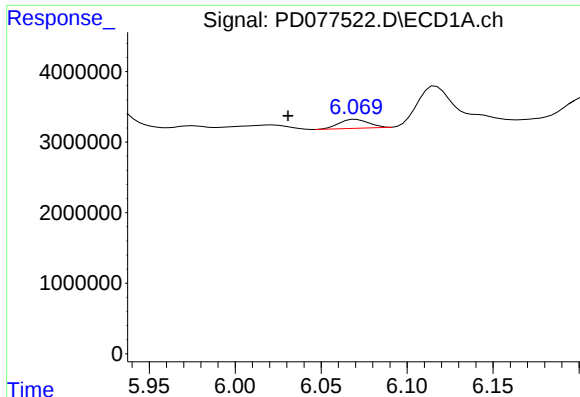
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.952 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

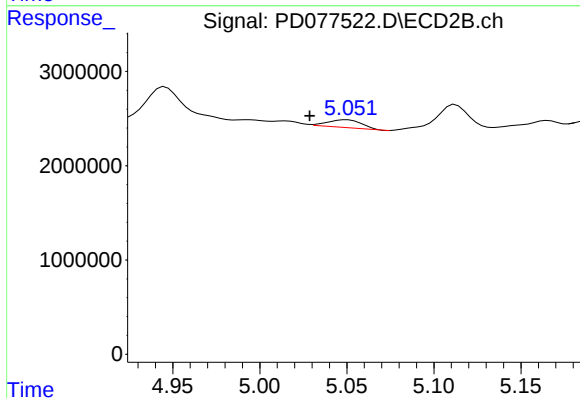
R.T.: 4.946 min  
Delta R.T.: -0.019 min  
Response: 1290110  
Conc: 0.84 ng/ml



#11 cis-Chlordane

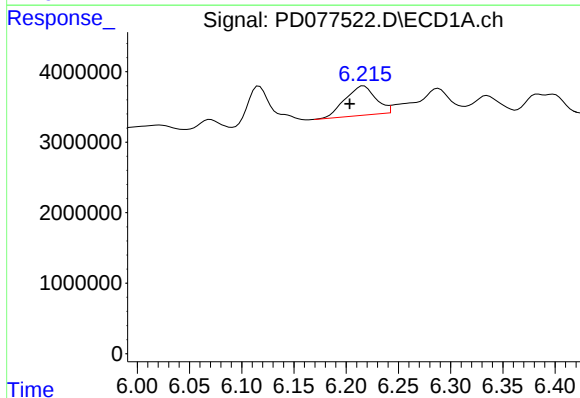
R.T.: 6.070 min  
Delta R.T.: 0.039 min  
Response: 1510576  
Conc: 0.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



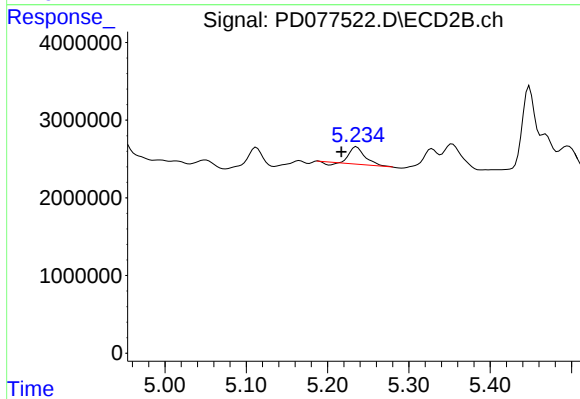
#11 cis-Chlordane

R.T.: 5.050 min  
Delta R.T.: 0.021 min  
Response: 1114326  
Conc: 0.69 ng/ml



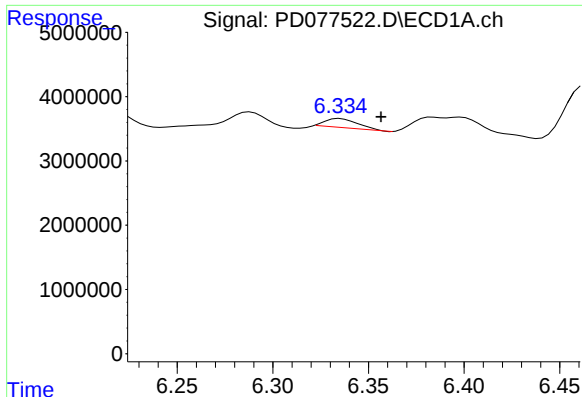
#12 4,4'-DDE

R.T.: 6.217 min  
Delta R.T.: 0.013 min  
Response: 8503087  
Conc: 2.97 ng/ml



#12 4,4'-DDE

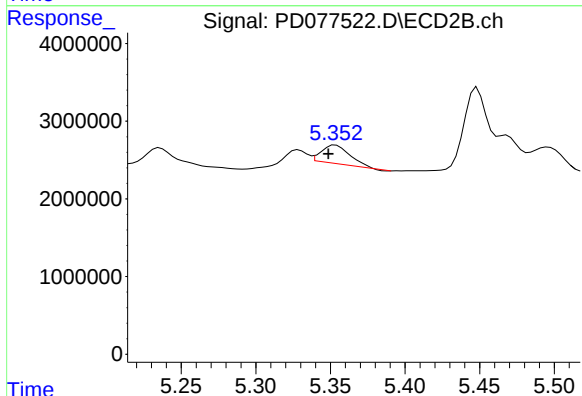
R.T.: 5.236 min  
Delta R.T.: 0.018 min  
Response: 2737085  
Conc: 2.01 ng/ml



#13 Dieldrin

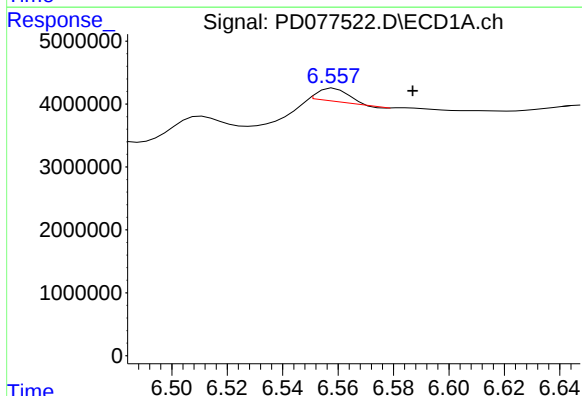
R.T.: 6.335 min  
Delta R.T.: -0.021 min  
Response: 1684422  
Conc: 0.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



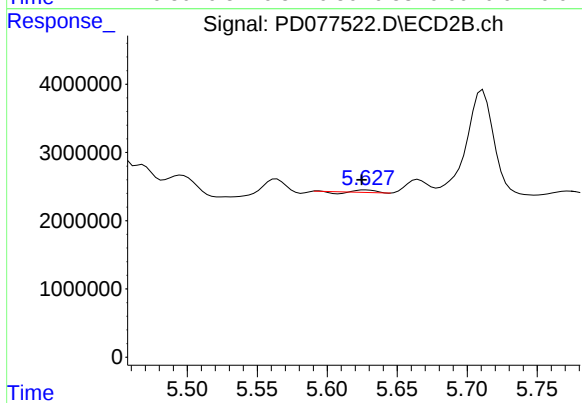
#13 Dieldrin

R.T.: 5.353 min  
Delta R.T.: 0.005 min  
Response: 3165987  
Conc: 2.00 ng/ml



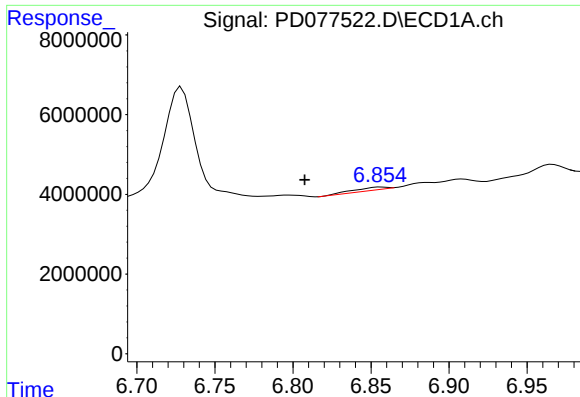
#14 Endrin

R.T.: 6.559 min  
Delta R.T.: -0.028 min  
Response: 1511733  
Conc: 0.59 ng/ml



#14 Endrin

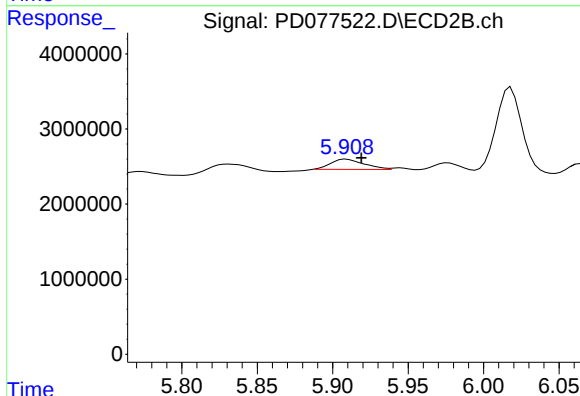
R.T.: 5.628 min  
Delta R.T.: 0.003 min  
Response: 218119  
Conc: 0.16 ng/ml



#15 Endosulfan II

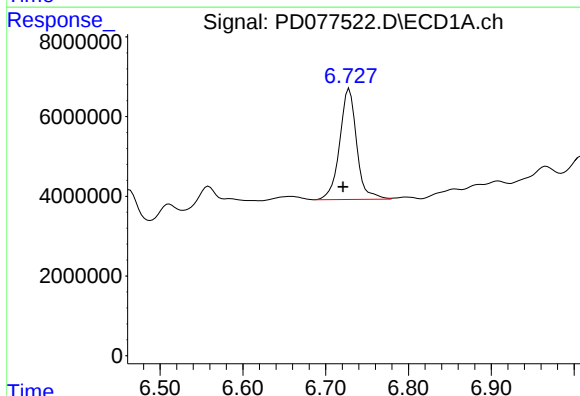
R.T.: 6.856 min  
Delta R.T.: 0.049 min  
Response: 984742  
Conc: 0.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



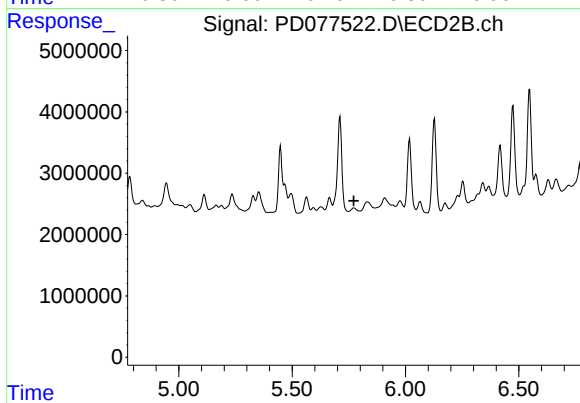
#15 Endosulfan II

R.T.: 5.909 min  
Delta R.T.: -0.010 min  
Response: 2099325  
Conc: 1.57 ng/ml



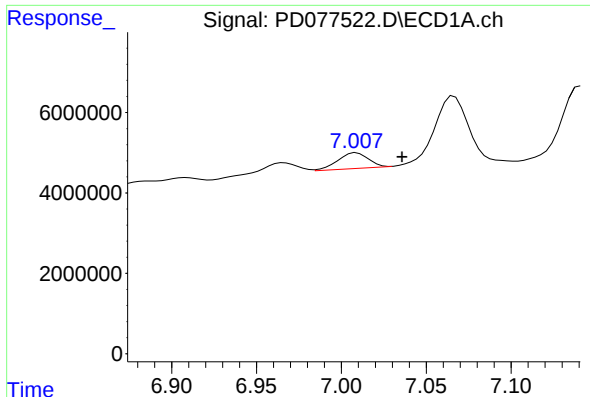
#16 4,4'-DDD

R.T.: 6.729 min  
Delta R.T.: 0.008 min  
Response: 39664086  
Conc: 18.25 ng/ml



#16 4,4'-DDD

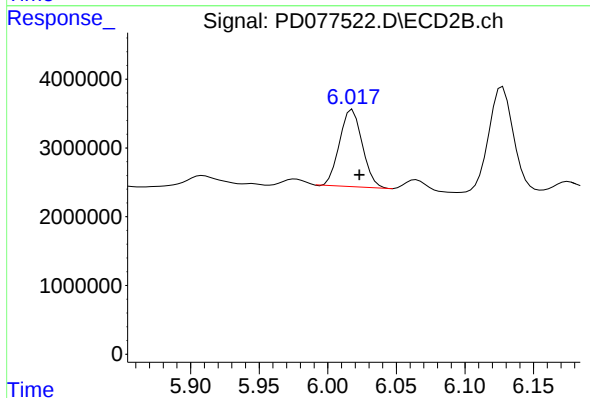
R.T.: 5.773 min  
Delta R.T.: 0.001 min  
Response: -98434  
Conc: N.D.



#17 4,4'-DDT

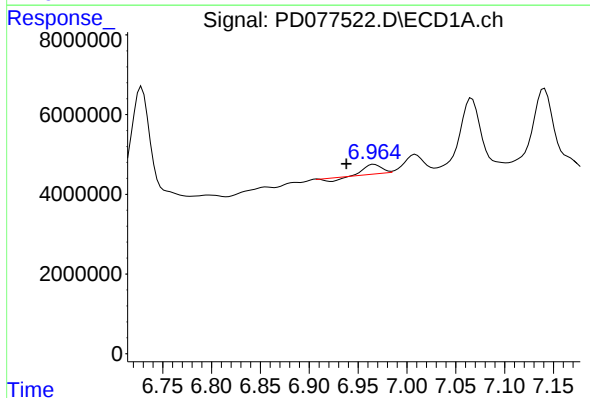
R.T.: 7.009 min  
Delta R.T.: -0.027 min  
Response: 4879806  
Conc: 2.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



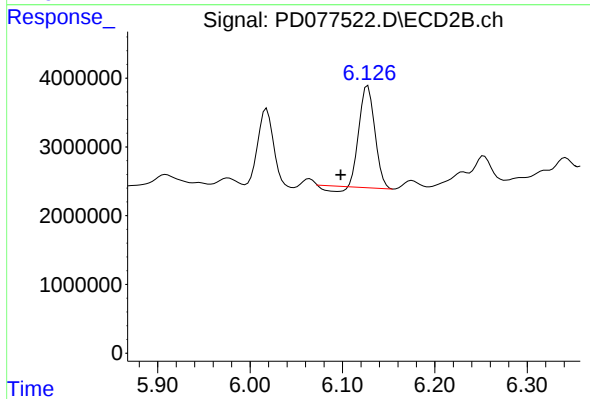
#17 4,4'-DDT

R.T.: 6.018 min  
Delta R.T.: -0.005 min  
Response: 12968952  
Conc: 12.53 ng/ml



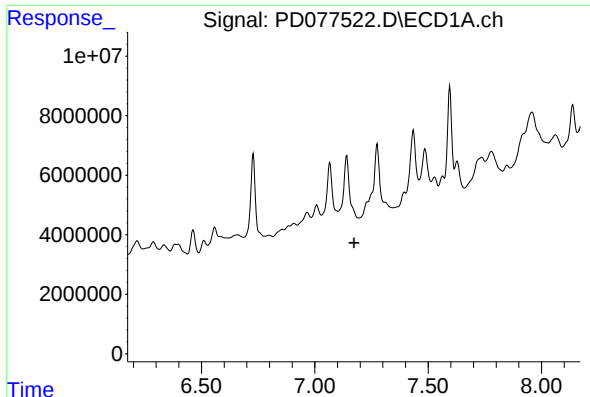
#18 Endrin aldehyde

R.T.: 6.966 min  
Delta R.T.: 0.028 min  
Response: 2242118  
Conc: 1.04 ng/ml



#18 Endrin aldehyde

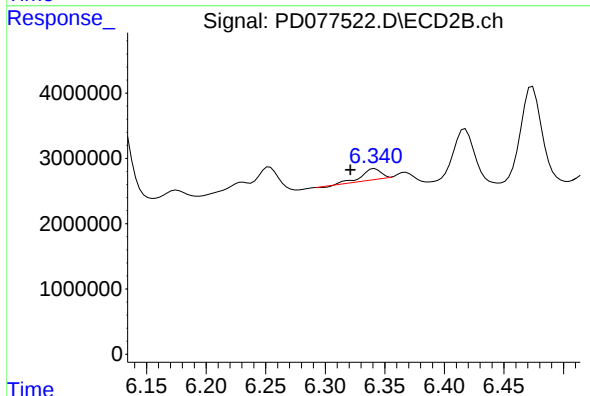
R.T.: 6.128 min  
Delta R.T.: 0.029 min  
Response: 16734859  
Conc: 15.41 ng/ml



#19 Endosulfan Sulfate

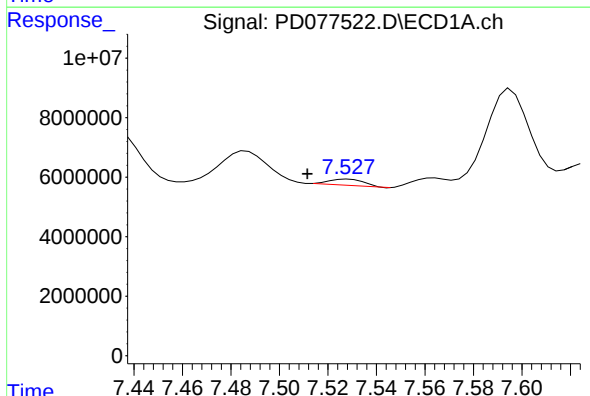
R.T.: 0.000 min  
Exp R.T.: 7.173 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



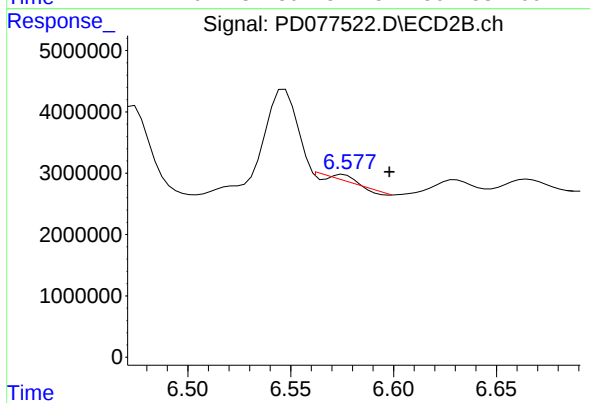
#19 Endosulfan Sulfate

R.T.: 6.342 min  
Delta R.T.: 0.020 min  
Response: 1822083  
Conc: 1.46 ng/ml



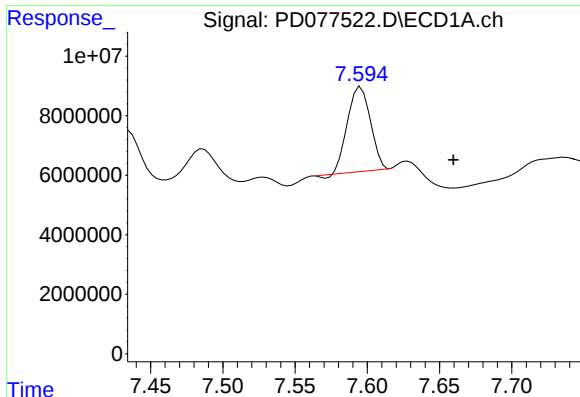
#20 Methoxychlor

R.T.: 7.529 min  
Delta R.T.: 0.017 min  
Response: 2079078  
Conc: 1.62 ng/ml



#20 Methoxychlor

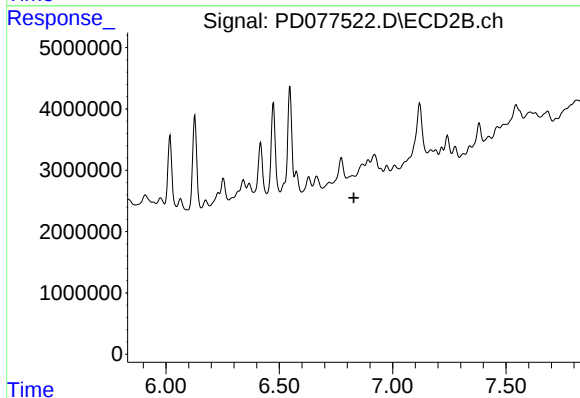
R.T.: 6.576 min  
Delta R.T.: -0.022 min  
Response: 226808  
Conc: 0.40 ng/ml



#21 Endrin ketone

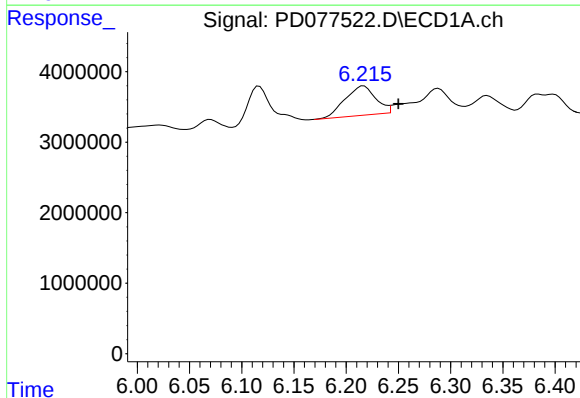
R.T.: 7.595 min  
Delta R.T.: -0.064 min  
Response: 31102651  
Conc: 11.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



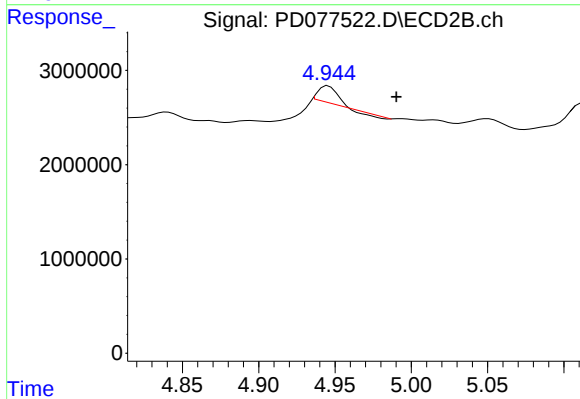
#21 Endrin ketone

R.T.: 6.823 min  
Delta R.T.: -0.005 min  
Response: -230189  
Conc: N.D.



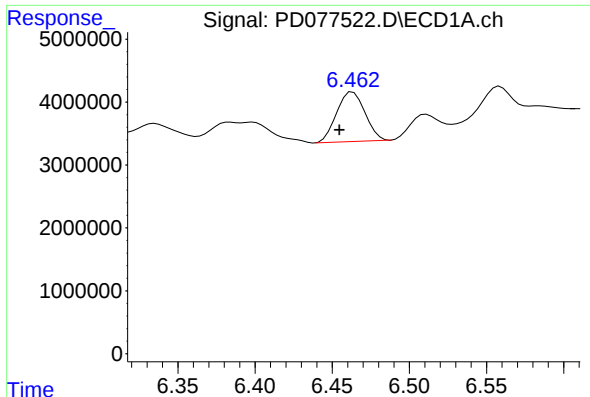
#22 Toxaphene-1

R.T.: 6.217 min  
Delta R.T.: -0.033 min  
Response: 8503087  
Conc: 380.79 ng/ml



#22 Toxaphene-1

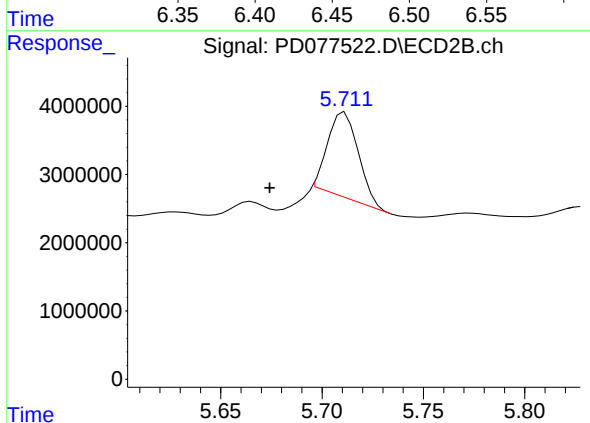
R.T.: 4.946 min  
Delta R.T.: -0.044 min  
Response: 1290110  
Conc: 150.41 ng/ml



#23 Toxaphene-2

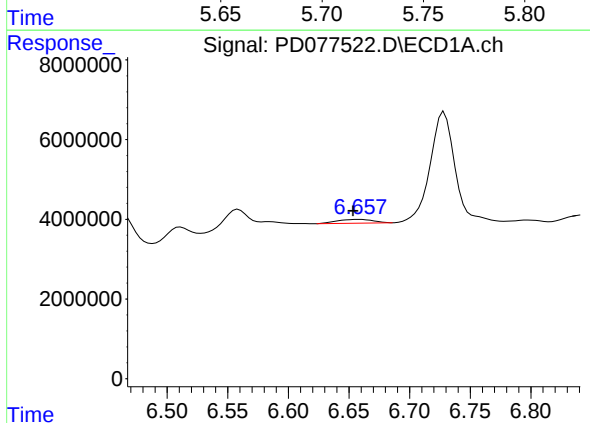
R.T.: 6.463 min  
Delta R.T.: 0.009 min  
Response: 10062298  
Conc: 366.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



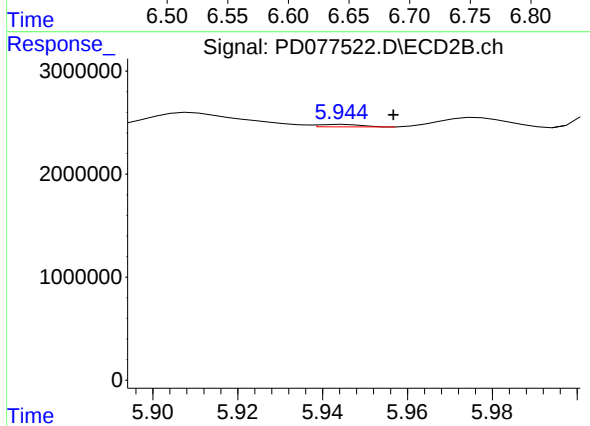
#23 Toxaphene-2

R.T.: 5.711 min  
Delta R.T.: 0.037 min  
Response: 12539620  
Conc: 1433.37 ng/ml



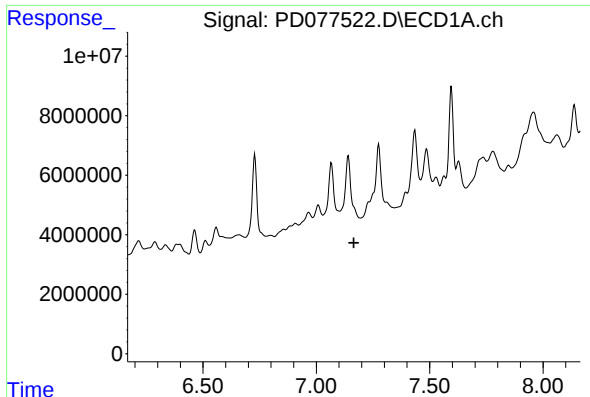
#24 Toxaphene-3

R.T.: 6.659 min  
Delta R.T.: 0.006 min  
Response: 2023072  
Conc: 105.62 ng/ml



#24 Toxaphene-3

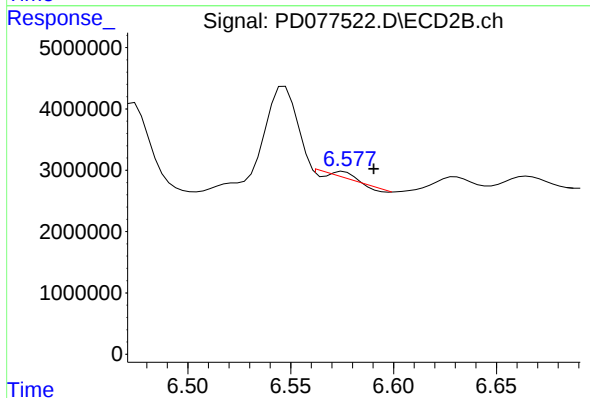
R.T.: 5.945 min  
Delta R.T.: -0.012 min  
Response: 163787  
Conc: 15.78 ng/ml



#25 Toxaphene-4

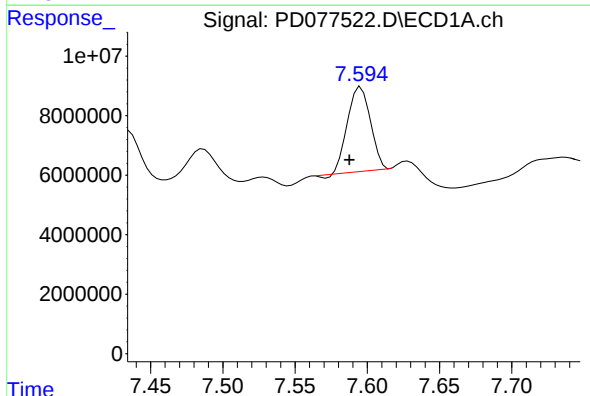
R.T.: 0.000 min  
Exp R.T.: 7.165 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



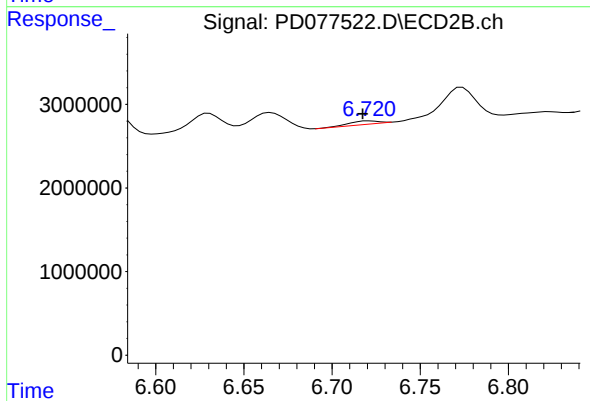
#25 Toxaphene-4

R.T.: 6.576 min  
Delta R.T.: -0.015 min  
Response: 226808  
Conc: 7.91 ng/ml



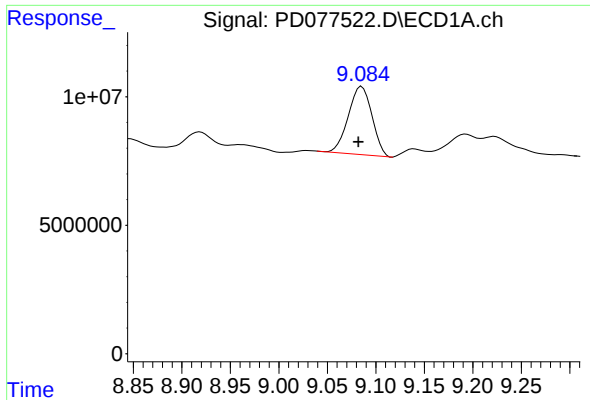
#26 Toxaphene-5

R.T.: 7.595 min  
Delta R.T.: 0.008 min  
Response: 31102651  
Conc: 726.29 ng/ml



#26 Toxaphene-5

R.T.: 6.721 min  
Delta R.T.: 0.004 min  
Response: 450223  
Conc: 10.79 ng/ml



#27 Decachlorobiphenyl

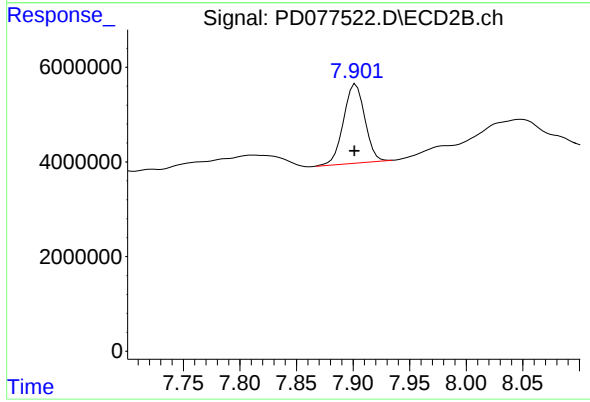
R.T.: 9.086 min

Delta R.T.: 0.004 min

Response: 44964754

Conc: 17.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.902 min

Delta R.T.: 0.001 min

Response: 21856897

Conc: 17.53 ng/ml