

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101520\  
 Data File : PD059751.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2020 09:33  
 Operator : DD\AJ  
 Sample : L4201-13DL 10X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0AP3DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 02:12:04 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100220CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 02 04:21:20 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.509  | 4.024  | 972534   | 1122175  | 0.673    | 0.565      |
| 27)                         | SA Decachlor... | 8.310  | 9.111  | 3021194  | 2400326  | 2.820    | 1.613 #    |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 0.000  | 4.443f | 0        | 7100961  | N.D.     | 2.431      |
| 3)                          | MA gamma-BHC... | 4.240  | 4.700  | 7365552  | 855145   | 3.771    | 0.322 #    |
| 4)                          | MA Heptachlor   | 4.549  | 5.235  | 632108   | 4507934  | 0.324    | 1.774 #    |
| 5)                          | MB Aldrin       | 4.798  | 5.540  | 3126721  | 6447146  | 1.684    | 2.662 #    |
| 6)                          | B beta-BHC      | 4.455f | 0.000  | 738680   | 0        | 0.906    | N.D. #     |
| 7)                          | B delta-BHC     | 4.706  | 5.100  | 1418302  | 212445   | 0.747    | <MDL #     |
| 8)                          | B Heptachlor... | 5.265  | 5.895  | 696708   | 47555306 | 0.430    | 21.185 #   |
| 9)                          | A Endosulfan I  | 5.606  | 6.300  | 3778384  | 16566140 | 2.513    | 8.122 #    |
| 10)                         | B trans-Chl...  | 5.475  | 6.141  | 2609912  | 55720449 | 1.607    | 24.967 #   |
| 11)                         | B cis-Chlor...  | 5.533  | 6.215  | 19236884 | 53127157 | 11.881   | 24.290 #   |
| 12)                         | B 4,4'-DDE      | 5.697  | 6.369  | 10543697 | 54828002 | 6.843    | 26.216 #   |
| 13)                         | MA Dieldrin     | 5.844  | 6.512  | 21780016 | 33569795 | 13.280   | 15.059     |
| 14)                         | MA Endrin       | 6.086  | 6.730  | 20481426 | 47239162 | 17.338   | 30.491 #   |
| 15)                         | B Endosulfa...  | 6.351  | 6.934  | 18566785 | 11695953 | 14.293   | 6.480 #    |
| 16)                         | A 4,4'-DDD      | 6.217  | 6.864  | 48544077 | 164.1E6  | 37.130   | 94.768 #   |
| 17)                         | MA 4,4'-DDT     | 6.457  | 7.159  | 108.7E6  | 15032693 | 81.028   | 9.366 #    |
| 18)                         | B Endrin al...  | 6.552  | 7.085  | 20287801 | 9993347  | 19.362   | 6.832 #    |
| 19)                         | B Endosulfa...  | 6.748  | 7.267  | 32835622 | 6886312  | 26.264   | 3.836 #    |
| 20)                         | A Methoxychlor  | 6.994  | 7.610  | 63399318 | -1535020 | 103.324  | N.D. #     |
| 21)                         | B Endrin ke...  | 7.243  | 7.823f | 133649   | 2612822  | 0.100    | 1.453 #    |
| 23)                         | Toxaphene-2     | 5.954  | 6.730  | 60346960 | 47239162 | 6280.986 | 3743.970 # |
| 24)                         | Toxaphene-3     | 6.284  | 7.132  | 65549764 | 128.3E6  | 6075.922 | 7396.609   |
| 25)                         | Toxaphene-4     | 6.457  | 7.211  | 108.7E6  | 19834820 | 4506.175 | 427.508 #  |
| 26)                         | Toxaphene-5     | 7.125  | 7.659  | 100845   | 22651682 | 4.446    | 1050.172 # |
| -----                       |                 |        |        |          |          |          |            |

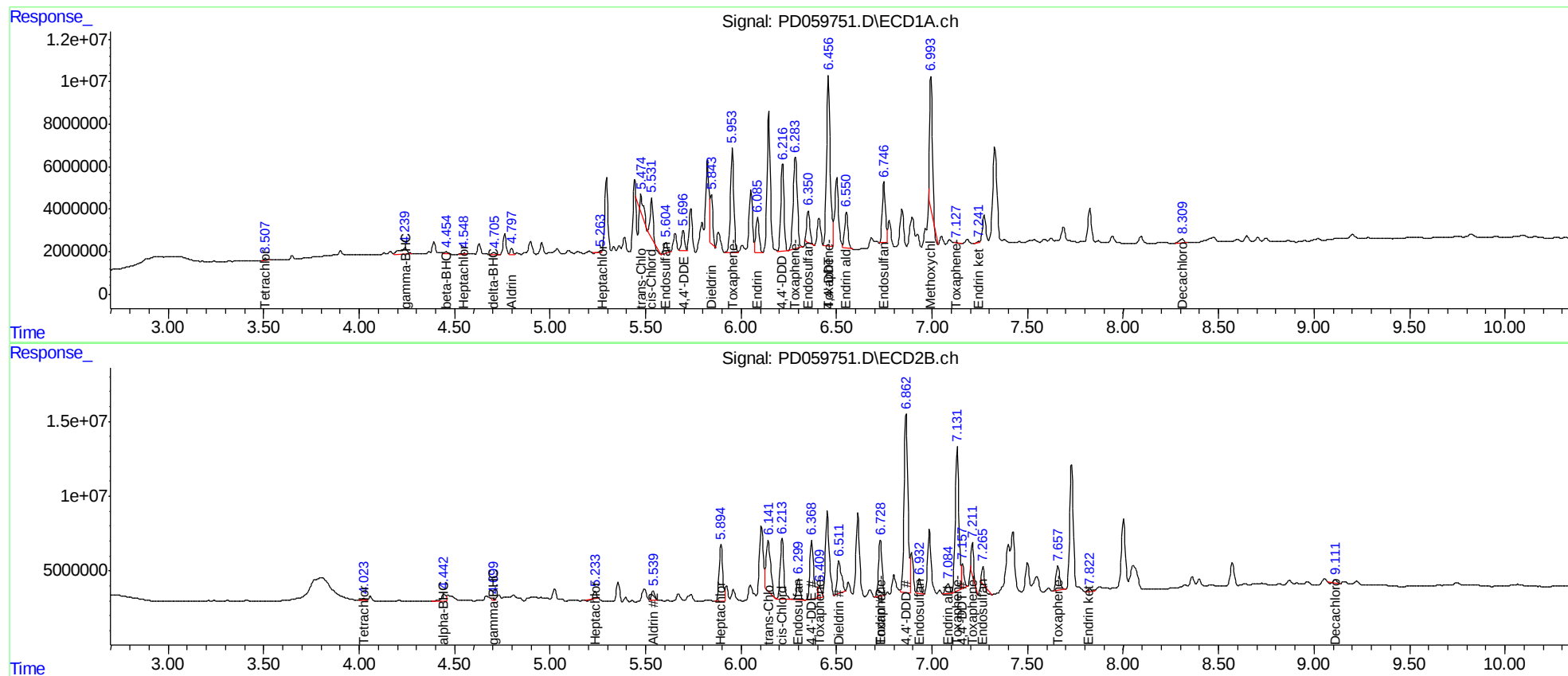
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

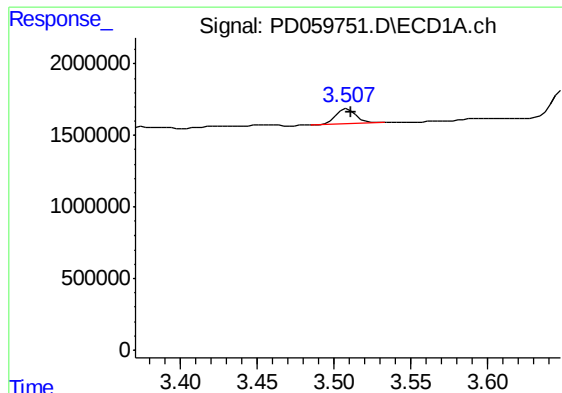
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101520\  
Data File : PD059751.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Oct 2020 09:33  
Operator : DD\AJ  
Sample : L4201-13DL 10X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 02:12:04 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100220CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 02 04:21:20 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

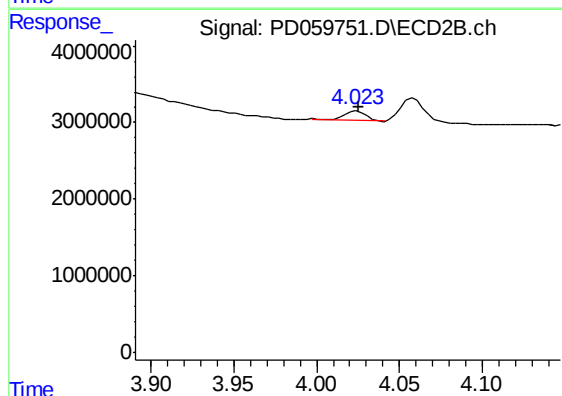




#1 Tetrachloro-m-xylene

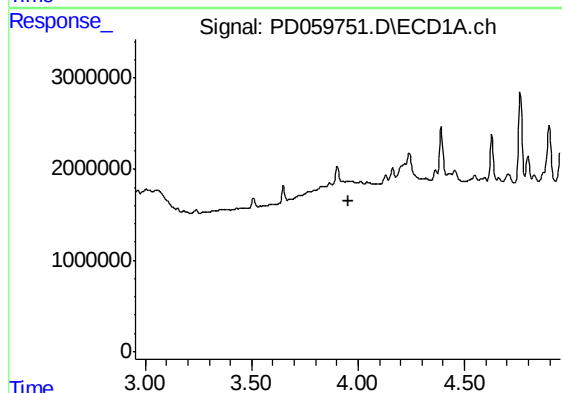
R.T.: 3.509 min  
Delta R.T.: -0.002 min  
Response: 972534  
Conc: 0.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



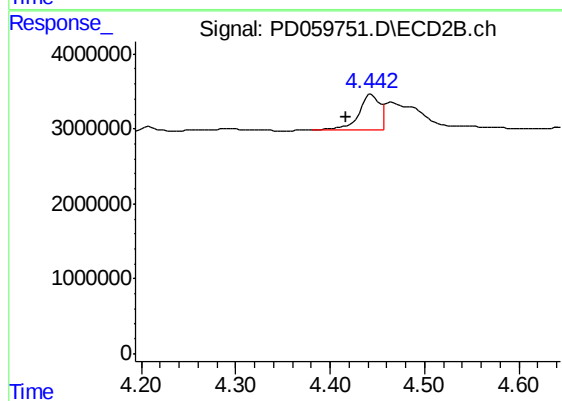
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: -0.001 min  
Response: 1122175  
Conc: 0.56 ng/ml



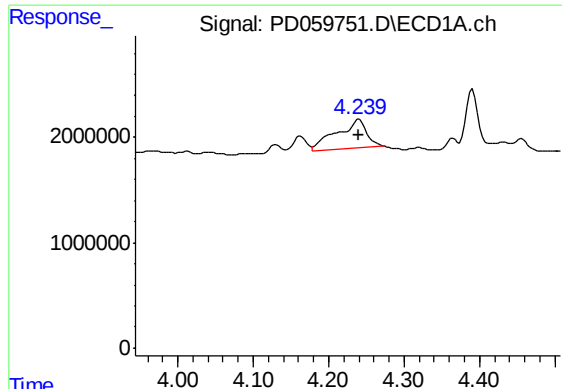
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.954 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

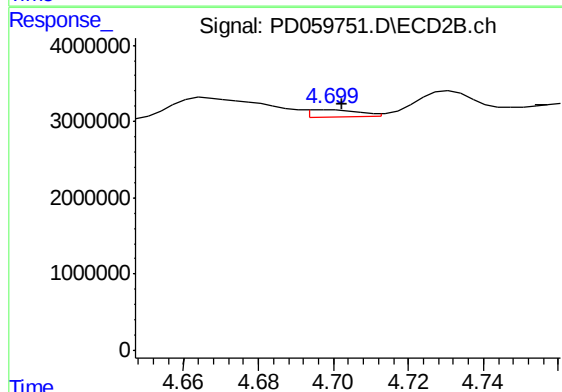
R.T.: 4.443 min  
Delta R.T.: 0.027 min  
Response: 7100961  
Conc: 2.43 ng/ml



#3 gamma-BHC (Lindane)

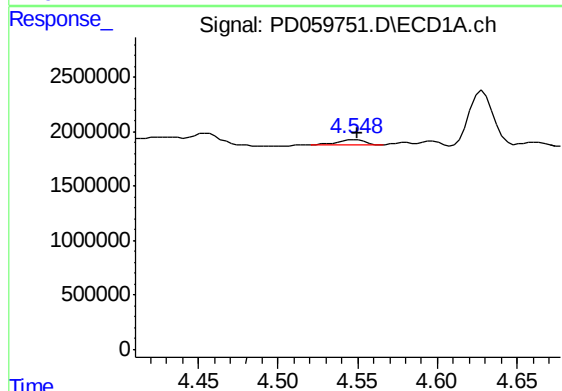
R.T.: 4.240 min  
Delta R.T.: 0.000 min  
Response: 7365552  
Conc: 3.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



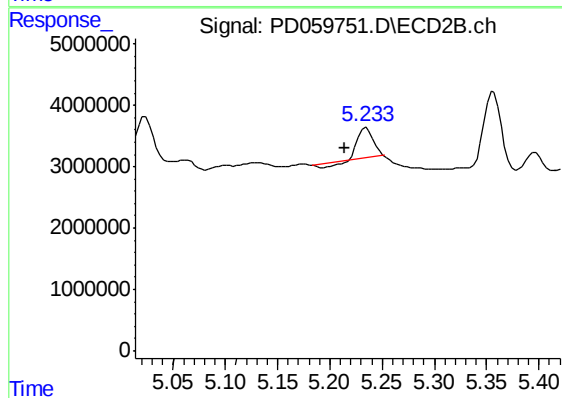
#3 gamma-BHC (Lindane)

R.T.: 4.700 min  
Delta R.T.: -0.002 min  
Response: 855145  
Conc: 0.32 ng/ml



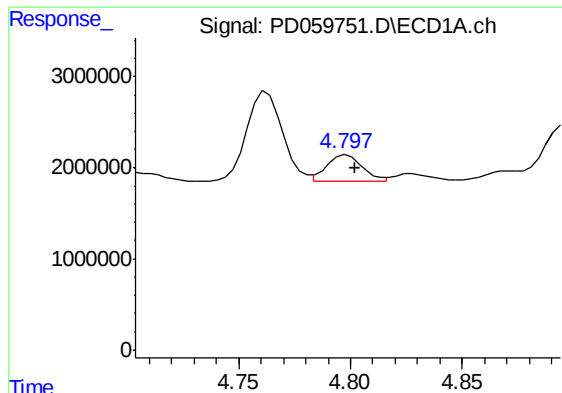
#4 Heptachlor

R.T.: 4.549 min  
Delta R.T.: 0.000 min  
Response: 632108  
Conc: 0.32 ng/ml



#4 Heptachlor

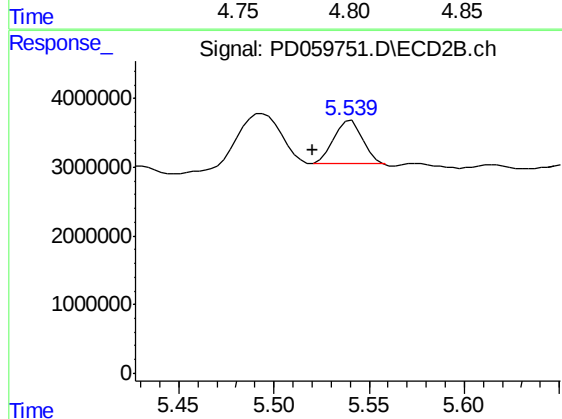
R.T.: 5.235 min  
Delta R.T.: 0.020 min  
Response: 4507934  
Conc: 1.77 ng/ml



#5 Aldrin

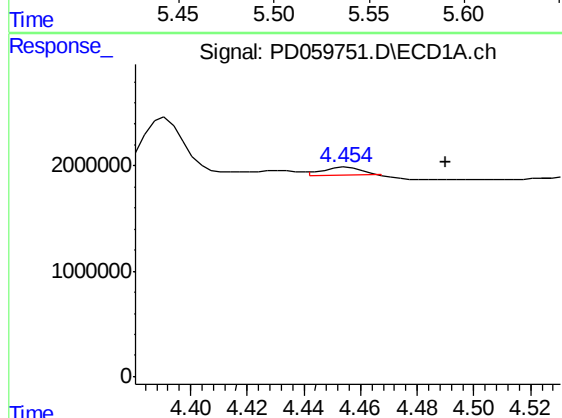
R.T.: 4.798 min  
Delta R.T.: -0.003 min  
Response: 3126721  
Conc: 1.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



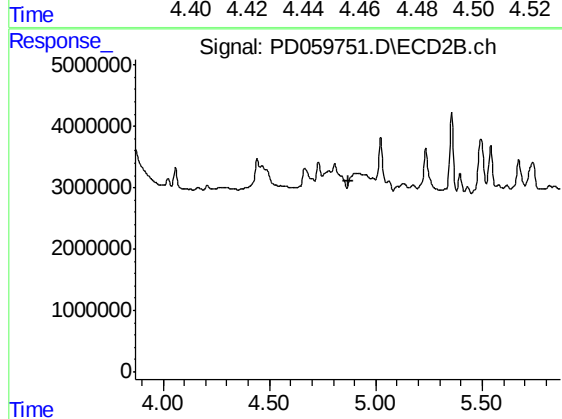
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.020 min  
Response: 6447146  
Conc: 2.66 ng/ml



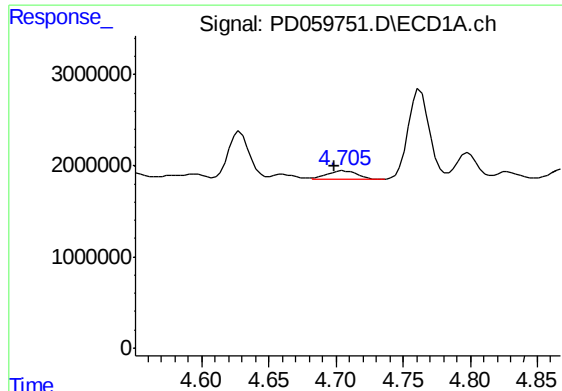
#6 beta-BHC

R.T.: 4.455 min  
Delta R.T.: -0.035 min  
Response: 738680  
Conc: 0.91 ng/ml



#6 beta-BHC

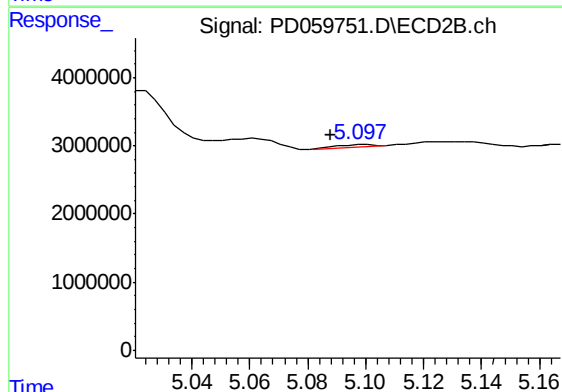
R.T.: 0.000 min  
Exp R.T. : 4.869 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

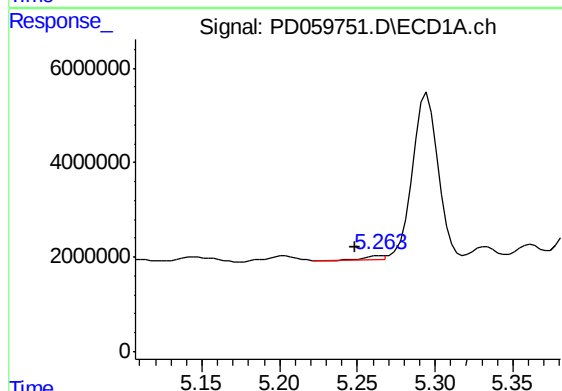
R.T.: 4.706 min  
Delta R.T.: 0.008 min  
Response: 1418302  
Conc: 0.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



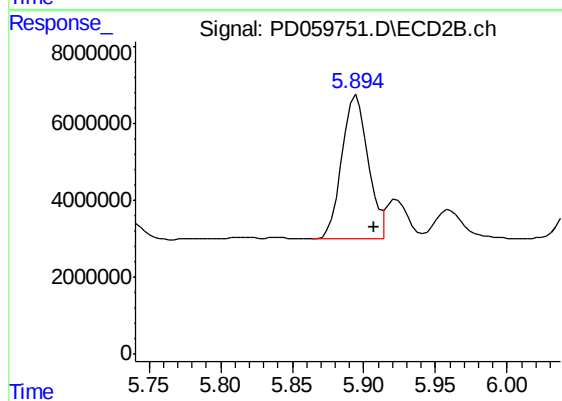
#7 delta-BHC

R.T.: 5.100 min  
Delta R.T.: 0.012 min  
Response: 212445  
Conc: N.D.



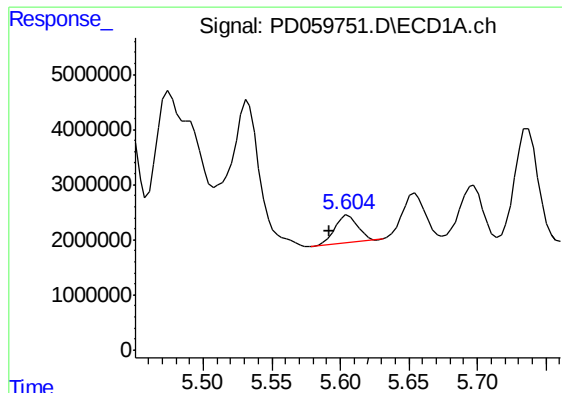
#8 Heptachlor epoxide

R.T.: 5.265 min  
Delta R.T.: 0.016 min  
Response: 696708  
Conc: 0.43 ng/ml



#8 Heptachlor epoxide

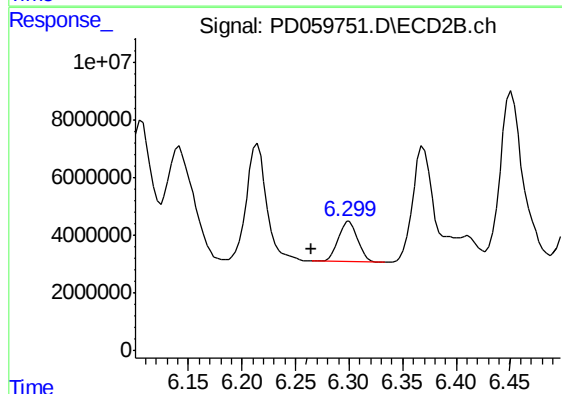
R.T.: 5.895 min  
Delta R.T.: -0.012 min  
Response: 47555306  
Conc: 21.18 ng/ml



#9 Endosulfan I

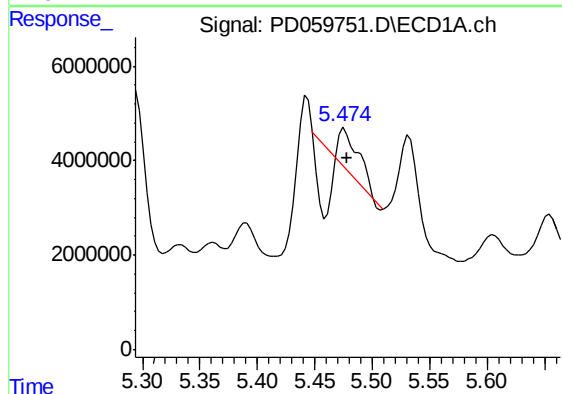
R.T.: 5.606 min  
Delta R.T.: 0.014 min  
Response: 3778384  
Conc: 2.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



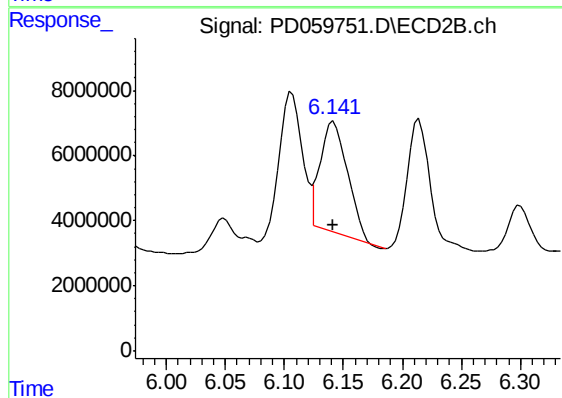
#9 Endosulfan I

R.T.: 6.300 min  
Delta R.T.: 0.035 min  
Response: 16566140  
Conc: 8.12 ng/ml



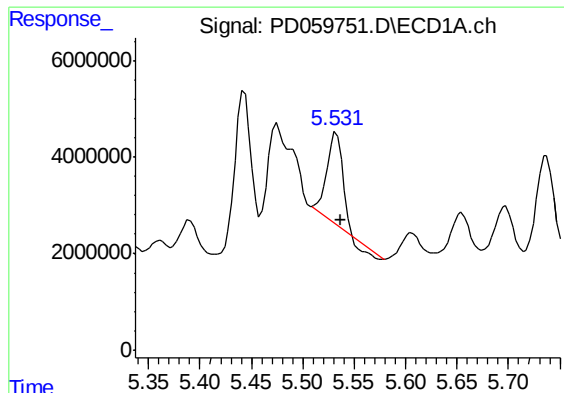
#10 trans-Chlordane

R.T.: 5.475 min  
Delta R.T.: -0.003 min  
Response: 2609912  
Conc: 1.61 ng/ml



#10 trans-Chlordane

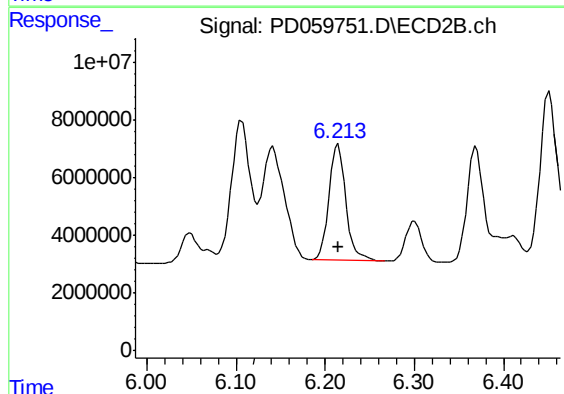
R.T.: 6.141 min  
Delta R.T.: 0.000 min  
Response: 55720449  
Conc: 24.97 ng/ml



#11 cis-Chlordane

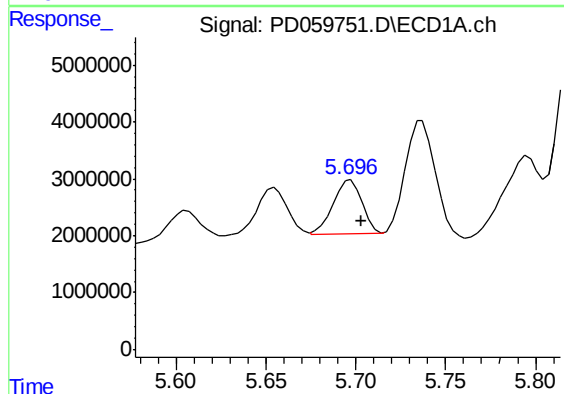
R.T.: 5.533 min  
Delta R.T.: -0.005 min  
Response: 19236884  
Conc: 11.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



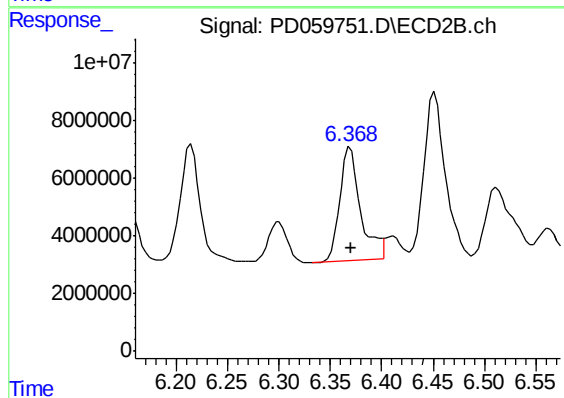
#11 cis-Chlordane

R.T.: 6.215 min  
Delta R.T.: 0.000 min  
Response: 53127157  
Conc: 24.29 ng/ml



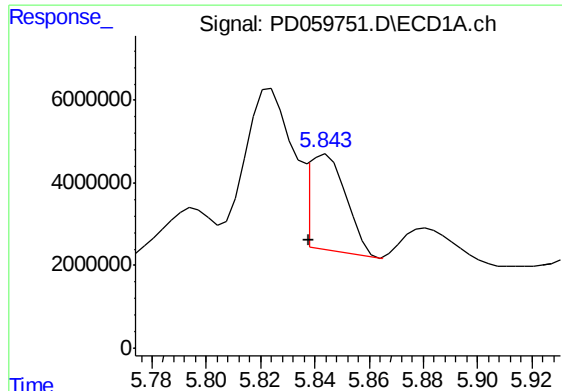
#12 4,4'-DDE

R.T.: 5.697 min  
Delta R.T.: -0.006 min  
Response: 10543697  
Conc: 6.84 ng/ml



#12 4,4'-DDE

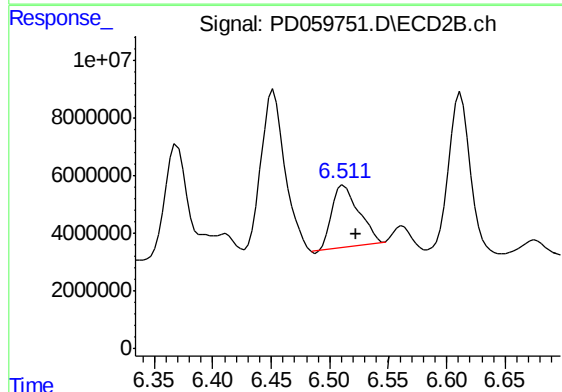
R.T.: 6.369 min  
Delta R.T.: 0.000 min  
Response: 54828002  
Conc: 26.22 ng/ml



#13 Dielddrin

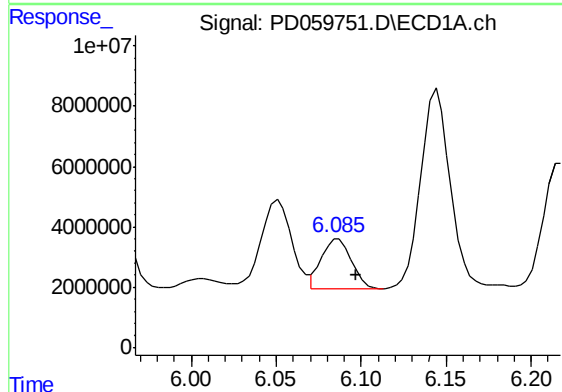
R.T.: 5.844 min  
Delta R.T.: 0.006 min  
Response: 21780016  
Conc: 13.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



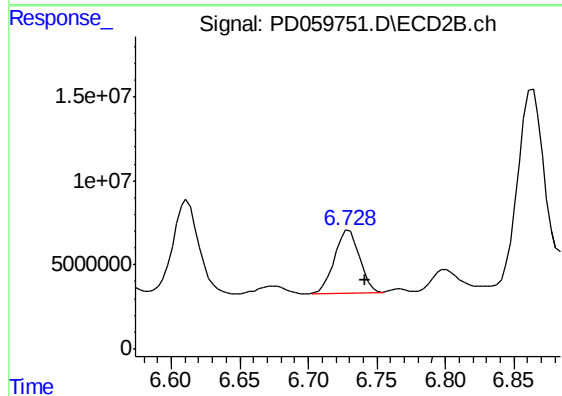
#13 Dielddrin

R.T.: 6.512 min  
Delta R.T.: -0.011 min  
Response: 33569795  
Conc: 15.06 ng/ml



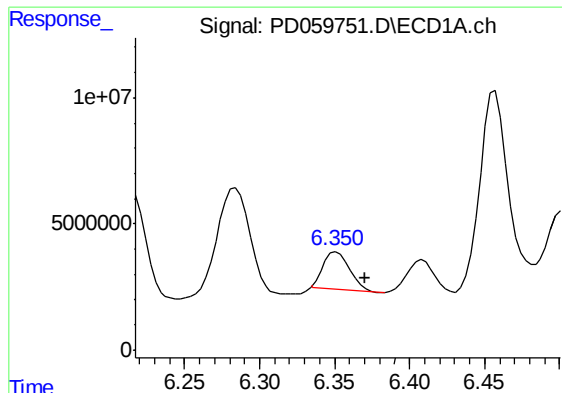
#14 Endrin

R.T.: 6.086 min  
Delta R.T.: -0.011 min  
Response: 20481426  
Conc: 17.34 ng/ml



#14 Endrin

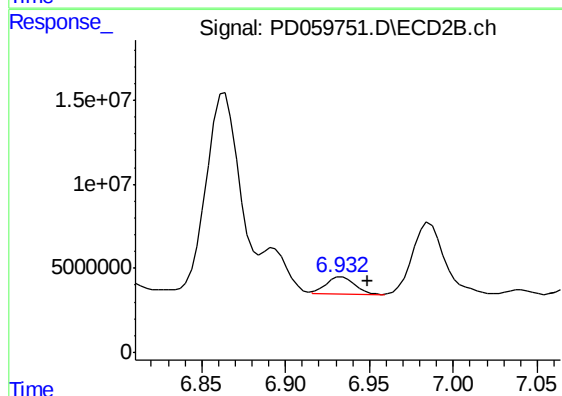
R.T.: 6.730 min  
Delta R.T.: -0.012 min  
Response: 47239162  
Conc: 30.49 ng/ml



#15 Endosulfan II

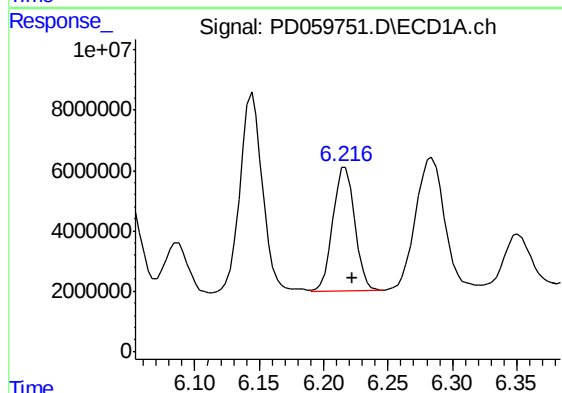
R.T.: 6.351 min  
Delta R.T.: -0.019 min  
Response: 18566785  
Conc: 14.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



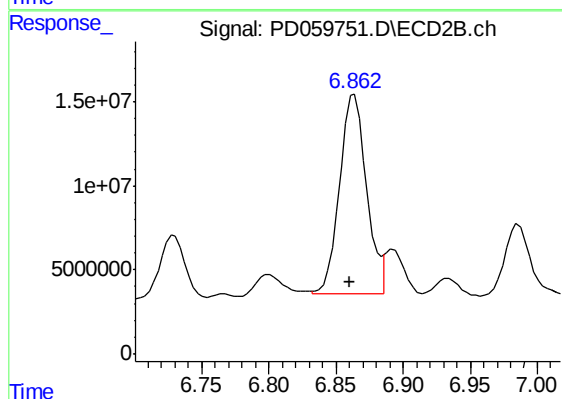
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: -0.015 min  
Response: 11695953  
Conc: 6.48 ng/ml



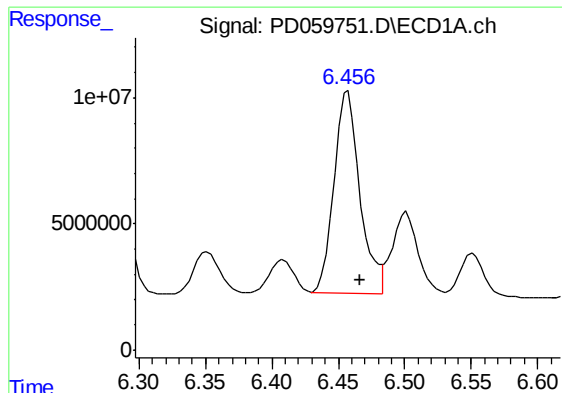
#16 4,4'-DDD

R.T.: 6.217 min  
Delta R.T.: -0.005 min  
Response: 48544077  
Conc: 37.13 ng/ml



#16 4,4'-DDD

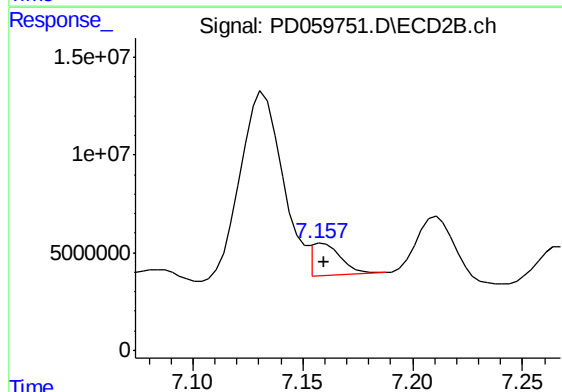
R.T.: 6.864 min  
Delta R.T.: 0.004 min  
Response: 164062065  
Conc: 94.77 ng/ml



#17 4,4'-DDT

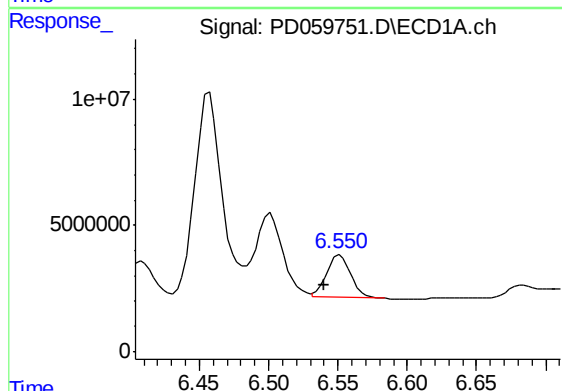
R.T.: 6.457 min  
Delta R.T.: -0.010 min  
Response: 108735033  
Conc: 81.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



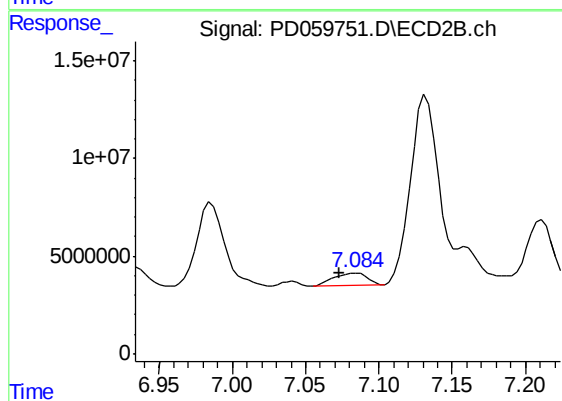
#17 4,4'-DDT

R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 15032693  
Conc: 9.37 ng/ml



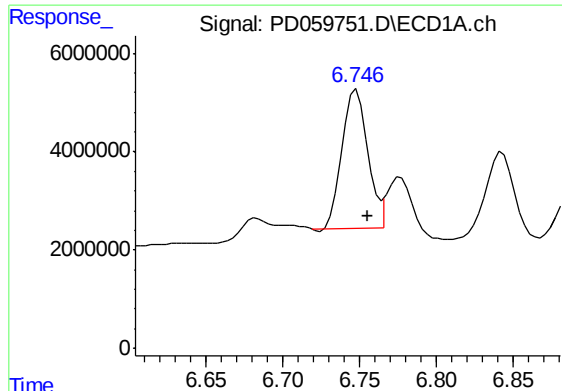
#18 Endrin aldehyde

R.T.: 6.552 min  
Delta R.T.: 0.011 min  
Response: 20287801  
Conc: 19.36 ng/ml



#18 Endrin aldehyde

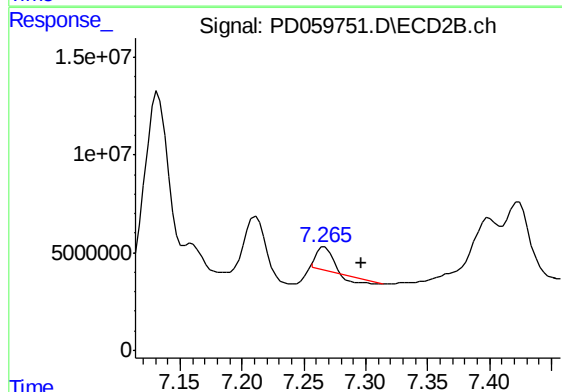
R.T.: 7.085 min  
Delta R.T.: 0.012 min  
Response: 9993347  
Conc: 6.83 ng/ml



#19 Endosulfan Sulfate

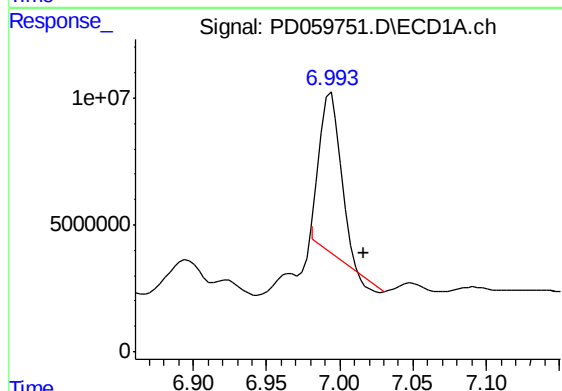
R.T.: 6.748 min  
Delta R.T.: -0.007 min  
Response: 32835622  
Conc: 26.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



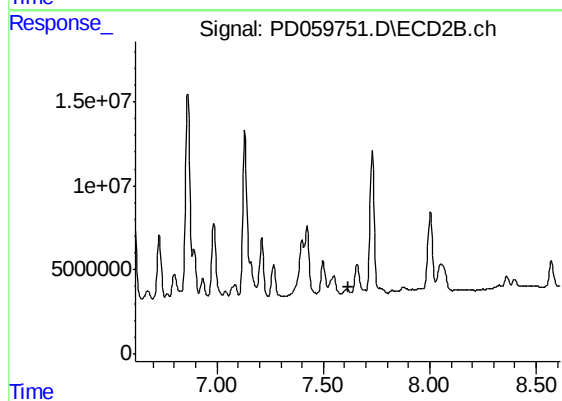
#19 Endosulfan Sulfate

R.T.: 7.267 min  
Delta R.T.: -0.029 min  
Response: 6886312  
Conc: 3.84 ng/ml



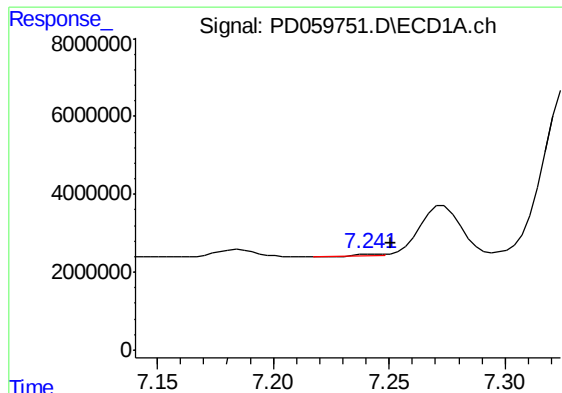
#20 Methoxychlor

R.T.: 6.994 min  
Delta R.T.: -0.023 min  
Response: 63399318  
Conc: 103.32 ng/ml



#20 Methoxychlor

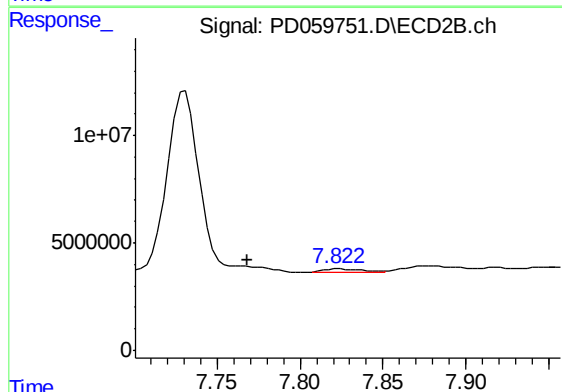
R.T.: 7.610 min  
Delta R.T.: -0.007 min  
Response: -1535020  
Conc: N.D.



#21 Endrin ketone

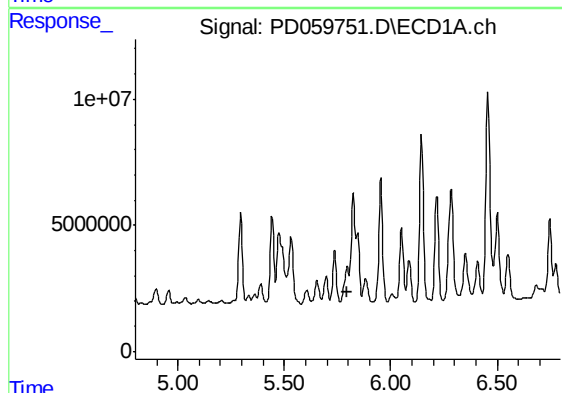
R.T.: 7.243 min  
Delta R.T.: -0.007 min  
Response: 133649  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



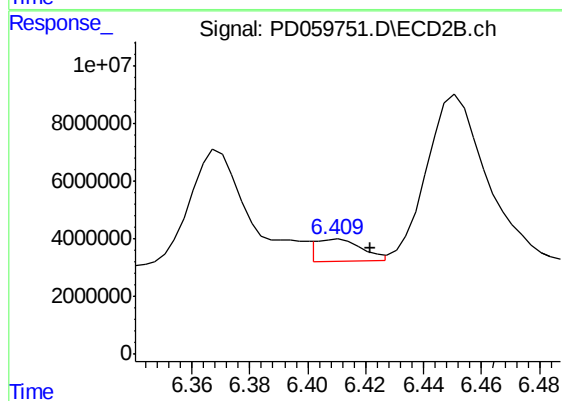
#21 Endrin ketone

R.T.: 7.823 min  
Delta R.T.: 0.055 min  
Response: 2612822  
Conc: 1.45 ng/ml



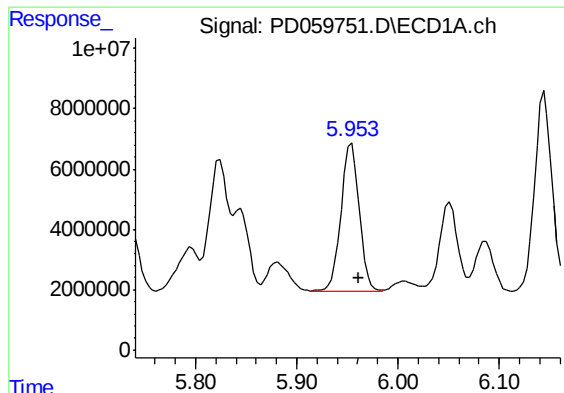
#22 Toxaphene-1

R.T.: 5.796 min  
Delta R.T.: -0.002 min  
Response: -12441768  
Conc: N.D.



#22 Toxaphene-1

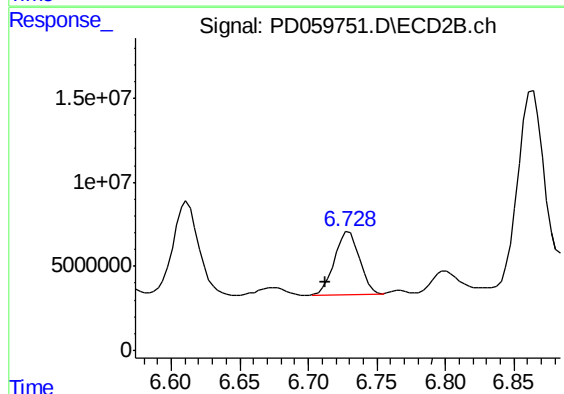
R.T.: 6.410 min  
Delta R.T.: -0.011 min  
Response: 8544462  
Conc: 841.66 ng/ml



#23 Toxaphene-2

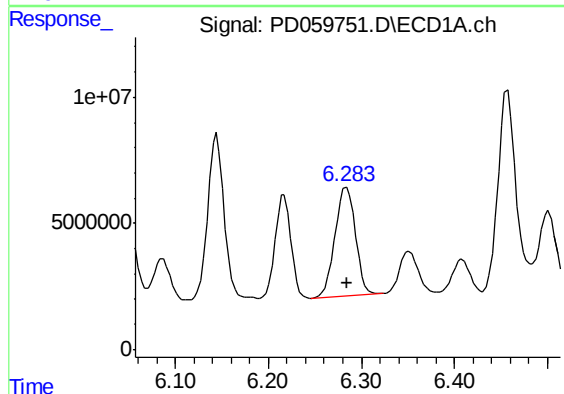
R.T.: 5.954 min  
Delta R.T.: -0.007 min  
Response: 60346960  
Conc: 6280.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



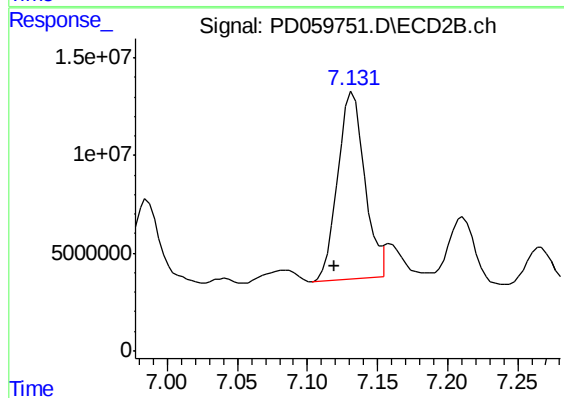
#23 Toxaphene-2

R.T.: 6.730 min  
Delta R.T.: 0.017 min  
Response: 47239162  
Conc: 3743.97 ng/ml



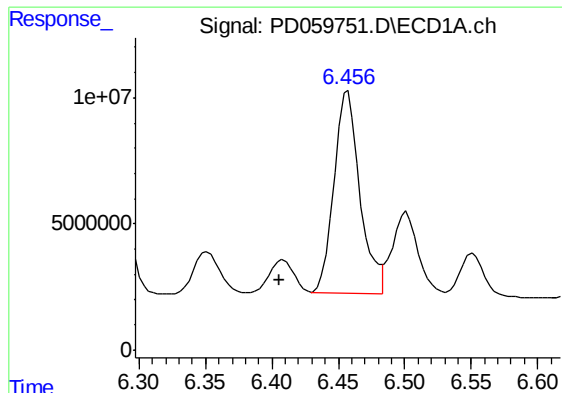
#24 Toxaphene-3

R.T.: 6.284 min  
Delta R.T.: 0.000 min  
Response: 65549764  
Conc: 6075.92 ng/ml



#24 Toxaphene-3

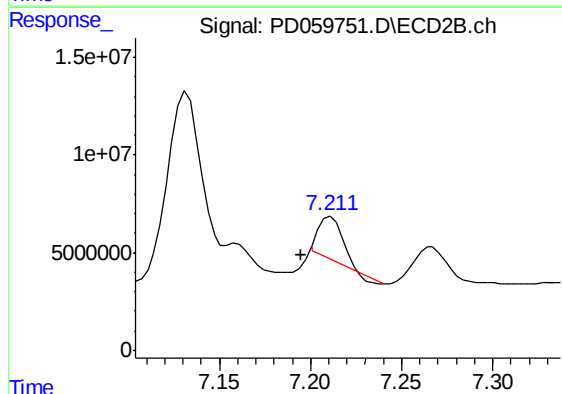
R.T.: 7.132 min  
Delta R.T.: 0.013 min  
Response: 128349724  
Conc: 7396.61 ng/ml



#25 Toxaphene-4

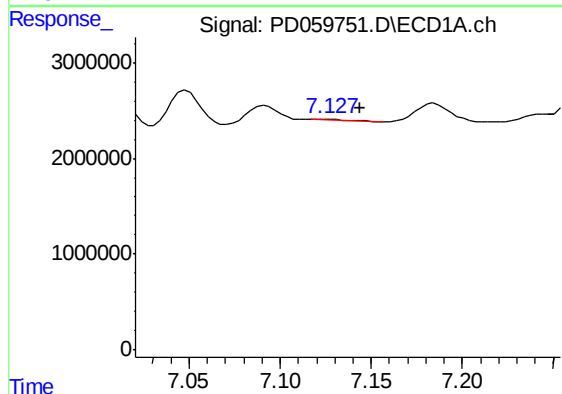
R.T.: 6.457 min  
Delta R.T.: 0.052 min  
Response: 108735033  
Conc: 4506.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



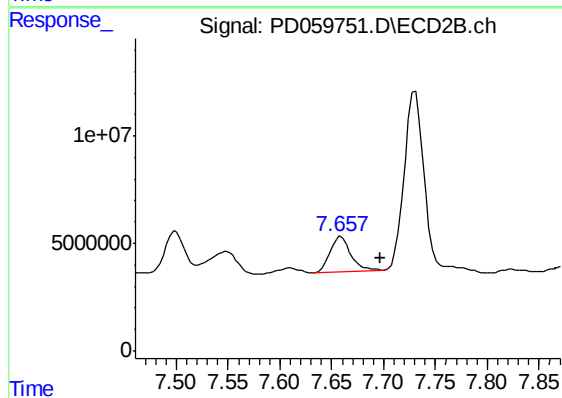
#25 Toxaphene-4

R.T.: 7.211 min  
Delta R.T.: 0.016 min  
Response: 19834820  
Conc: 427.51 ng/ml



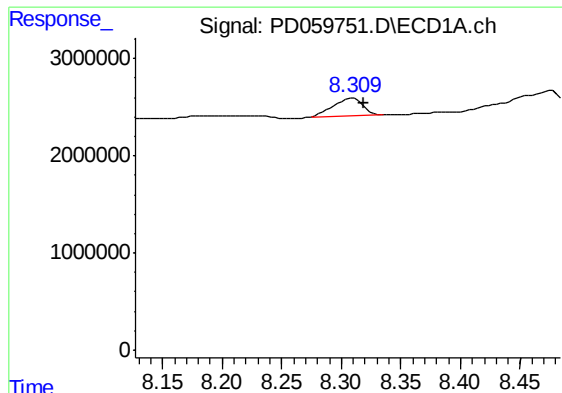
#26 Toxaphene-5

R.T.: 7.125 min  
Delta R.T.: -0.019 min  
Response: 100845  
Conc: 4.45 ng/ml



#26 Toxaphene-5

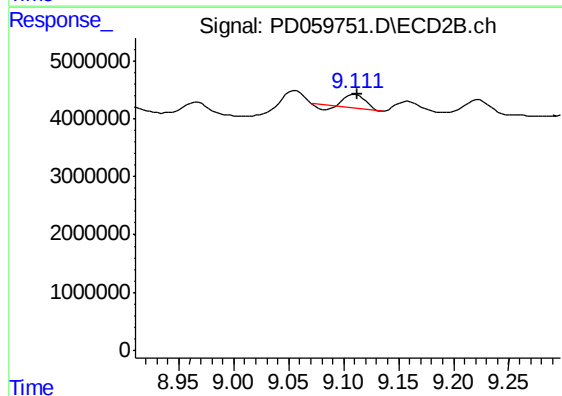
R.T.: 7.659 min  
Delta R.T.: -0.038 min  
Response: 22651682  
Conc: 1050.17 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.310 min  
Delta R.T.: -0.009 min  
Response: 3021194  
Conc: 2.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AP3DL



#27 Decachlorobiphenyl

R.T.: 9.111 min  
Delta R.T.: -0.002 min  
Response: 2400326  
Conc: 1.61 ng/ml