

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112320\  
 Data File : PD060224.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Nov 2020 09:41  
 Operator : DD\AJ  
 Sample : L4751-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0B84

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 24 00:19:47 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110320CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 04 04:05:33 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... | 3.510  | 4.024  | 7438713  | 25234784 | 8.680   | 8.465     |
| 27)                         | SA Decachlor... | 8.306  | 9.113  | 13137139 | 24286120 | 15.811  | 9.872 #   |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.907f | 4.426  | 1024483  | 14889434 | 0.797   | 3.343 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.713  | 0        | 6809122  | N.D.    | 1.682     |
| 4)                          | MA Heptachlor   | 4.546  | 5.213  | 3982905  | 21750176 | 3.393   | 5.486 #   |
| 5)                          | MB Aldrin       | 4.798  | 5.541  | 3368230  | 1106764  | 2.934   | 0.298 #   |
| 6)                          | B beta-BHC      | 4.453f | 4.897f | 354696   | -143522  | 0.669   | N.D. #    |
| 7)                          | B delta-BHC     | 0.000  | 5.091  | 0        | 596868   | N.D.    | 0.163     |
| 8)                          | B Heptachlor... | 5.248  | 5.894  | 1093096  | 45681160 | 1.035   | 13.869 #  |
| 9)                          | A Endosulfan I  | 5.605  | 6.301f | 1922247  | 26184343 | 1.890   | 8.170 #   |
| 10)                         | B trans-Chl...  | 5.475  | 6.141  | 28165150 | 157.0E6  | 26.518  | 45.687 #  |
| 11)                         | B cis-Chlor...  | 5.532  | 6.216  | 41292528 | 254.3E6  | 39.034  | 74.063 #  |
| 12)                         | B 4,4'-DDE      | 5.697  | 6.368  | 1674236  | 27476523 | 1.638   | 8.497 #   |
| 13)                         | MA Dieldrin     | 5.825  | 6.523  | 14632910 | 9347465  | 13.430  | 2.677 #   |
| 14)                         | MA Endrin       | 6.089  | 6.730  | -3037739 | 17304592 | N.D.    | 6.180     |
| 15)                         | B Endosulfa...  | 6.351  | 0.000  | 1144791  | 0        | 1.269   | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.184  | 6.867  | 661040   | 11033182 | 0.747   | 4.113 #   |
| 17)                         | MA 4,4'-DDT     | 6.456  | 7.134  | 8843664  | 19418463 | 9.840   | 7.136 #   |
| 19)                         | B Endosulfa...  | 6.747  | 7.270  | 346910   | 669276   | 0.397   | 0.232 #   |
| 20)                         | A Methoxychlor  | 6.993  | 7.659f | 2371269  | 4058626  | 5.572   | 2.887 #   |
| 21)                         | B Endrin ke...  | 7.289f | 7.731f | 7133242  | 6911333  | 7.171   | 2.370 #   |
| 22)                         | Toxaphene-1     | 5.779  | 6.415  | 3953534  | 3143660  | 604.703 | 205.499 # |
| 23)                         | Toxaphene-2     | 5.954  | 6.730  | 5560249  | 17304592 | 880.788 | 920.743   |
| 24)                         | Toxaphene-3     | 6.283  | 7.134  | 5772601  | 19418463 | 817.637 | 700.186   |
| 25)                         | Toxaphene-4     | 6.376  | 7.210  | 8019731  | 1421739  | 500.188 | 18.747 #  |
| 26)                         | Toxaphene-5     | 7.092  | 7.731  | 1573823  | 6911333  | 93.053  | 203.274 # |
| -----                       |                 |        |        |          |          |         |           |

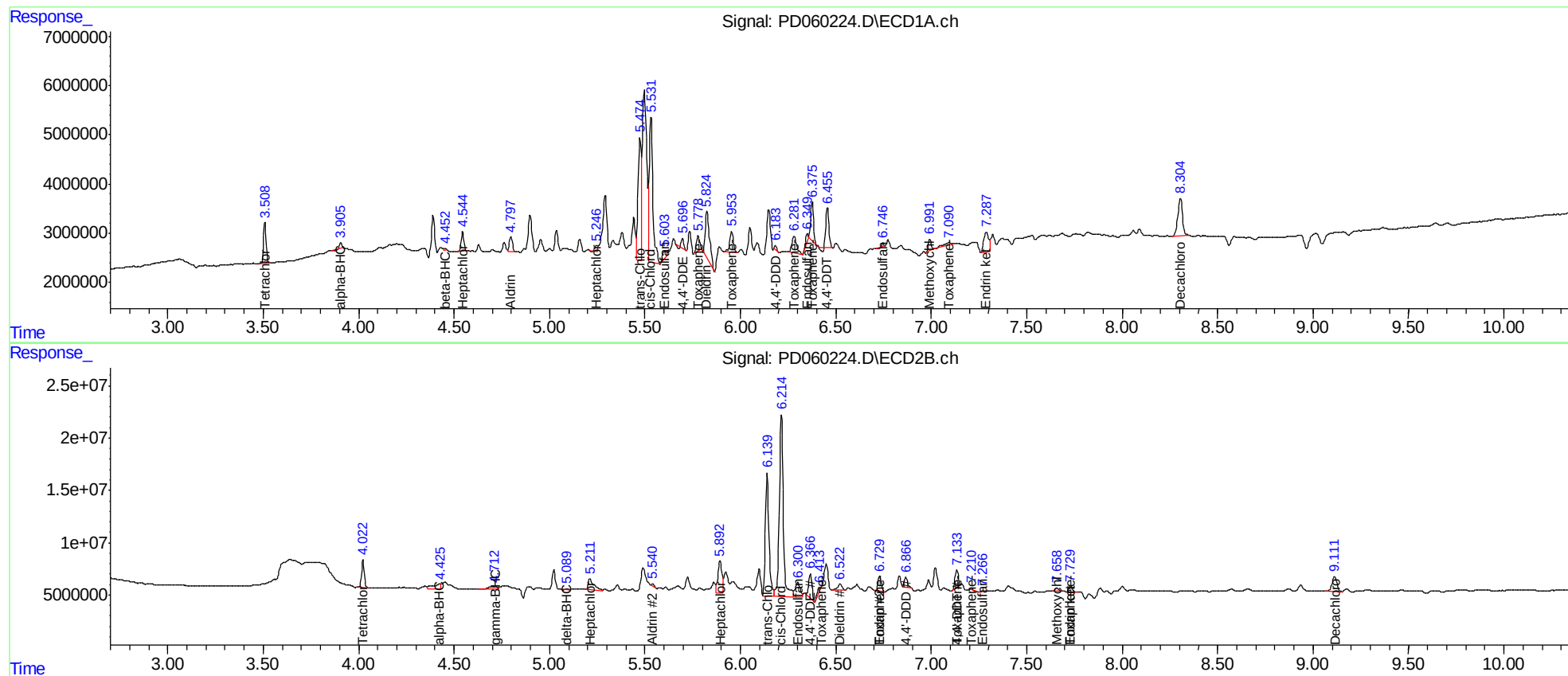
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

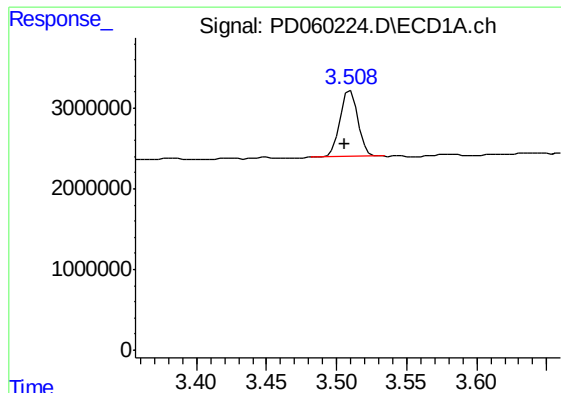
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112320\  
Data File : PD060224.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Nov 2020 09:41  
Operator : DD\AJ  
Sample : L4751-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
C0B84

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 24 00:19:47 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110320CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 04 04:05:33 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

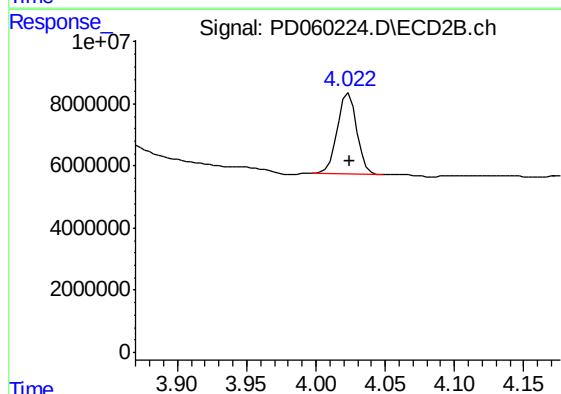




#1 Tetrachloro-m-xylene

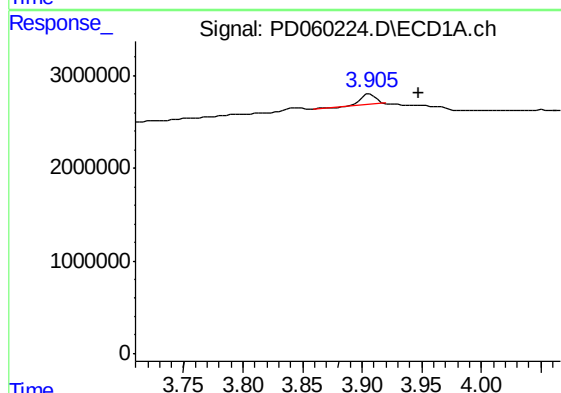
R.T.: 3.510 min  
Delta R.T.: 0.004 min  
Response: 7438713  
Conc: 8.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B84



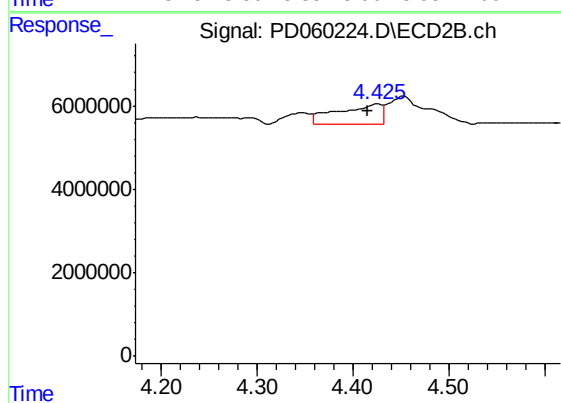
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: 0.000 min  
Response: 25234784  
Conc: 8.47 ng/ml



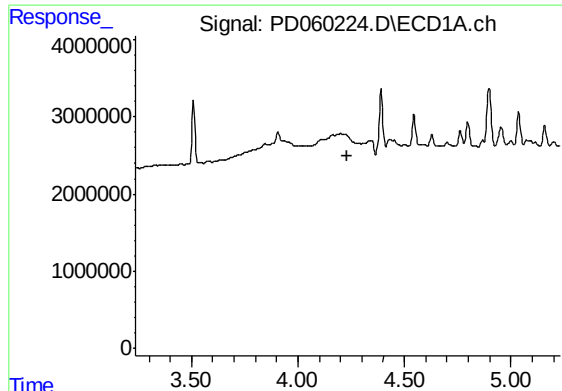
#2 alpha-BHC

R.T.: 3.907 min  
Delta R.T.: -0.041 min  
Response: 1024483  
Conc: 0.80 ng/ml



#2 alpha-BHC

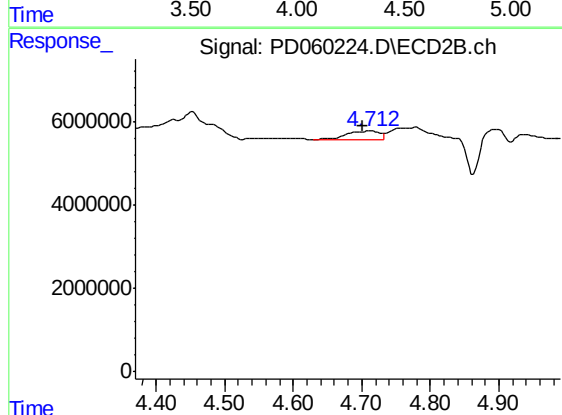
R.T.: 4.426 min  
Delta R.T.: 0.011 min  
Response: 14889434  
Conc: 3.34 ng/ml



#3 gamma-BHC (Lindane)

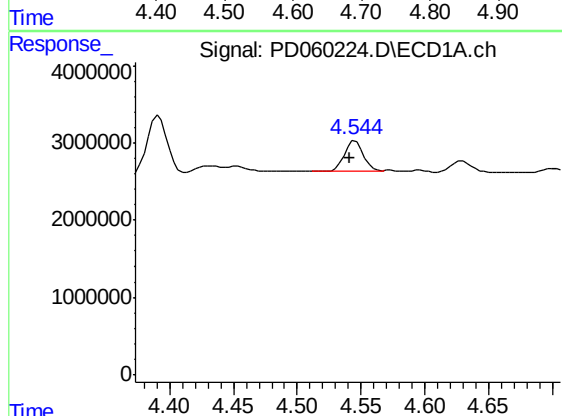
R.T.: 0.000 min  
Exp R.T.: 4.234 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0B84



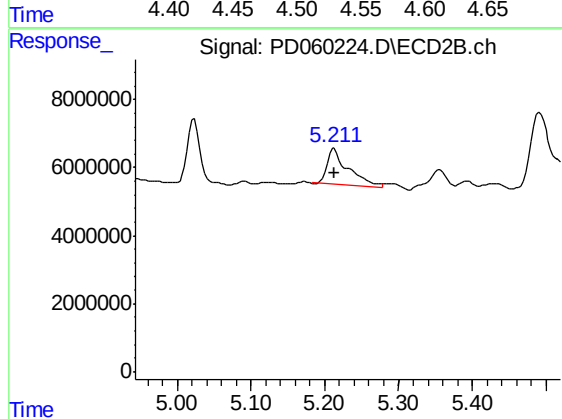
#3 gamma-BHC (Lindane)

R.T.: 4.713 min  
Delta R.T.: 0.012 min  
Response: 6809122  
Conc: 1.68 ng/ml



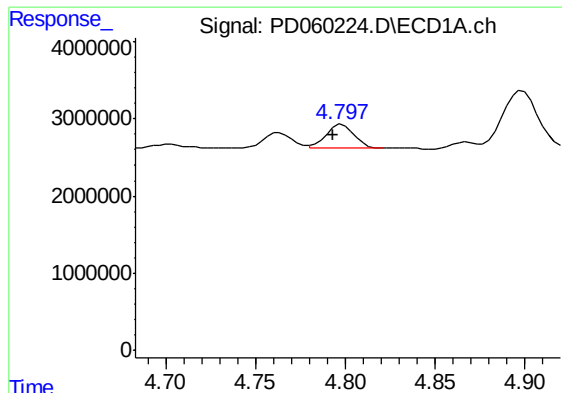
#4 Heptachlor

R.T.: 4.546 min  
Delta R.T.: 0.004 min  
Response: 3982905  
Conc: 3.39 ng/ml



#4 Heptachlor

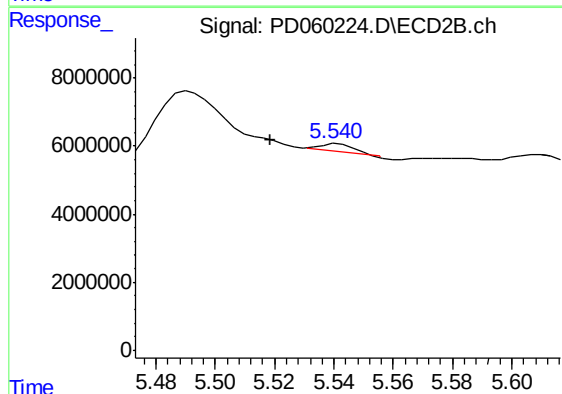
R.T.: 5.213 min  
Delta R.T.: 0.000 min  
Response: 21750176  
Conc: 5.49 ng/ml



#5 Aldrin

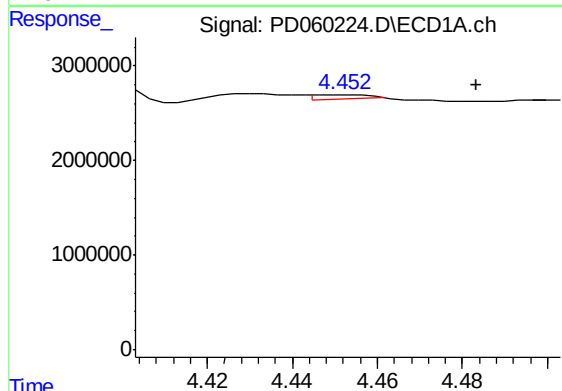
R.T.: 4.798 min  
Delta R.T.: 0.005 min  
Response: 3368230  
Conc: 2.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B84



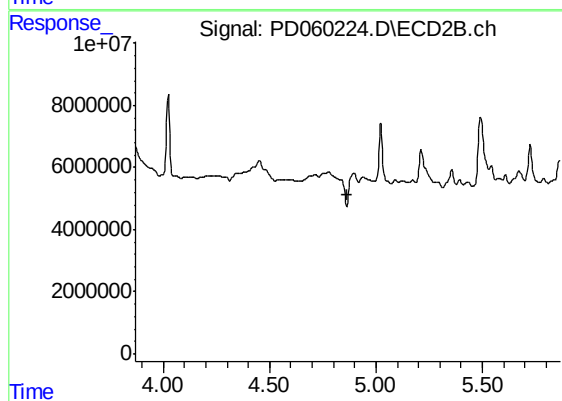
#5 Aldrin

R.T.: 5.541 min  
Delta R.T.: 0.023 min  
Response: 1106764  
Conc: 0.30 ng/ml



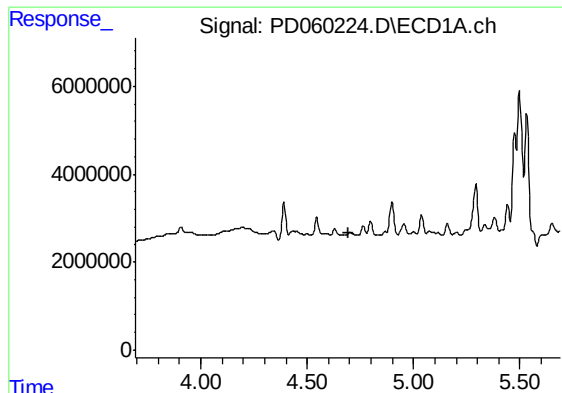
#6 beta-BHC

R.T.: 4.453 min  
Delta R.T.: -0.031 min  
Response: 354696  
Conc: 0.67 ng/ml



#6 beta-BHC

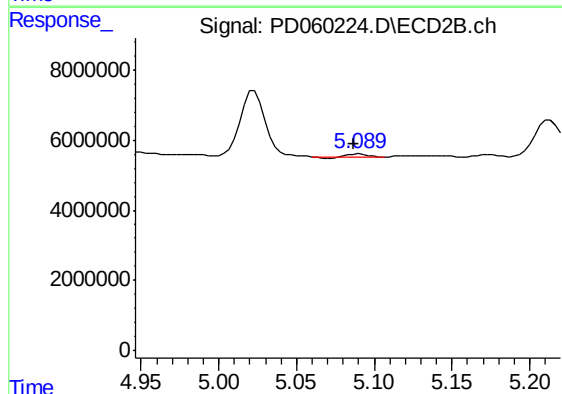
R.T.: 4.897 min  
Delta R.T.: 0.029 min  
Response: -143522  
Conc: N.D.



#7 delta-BHC

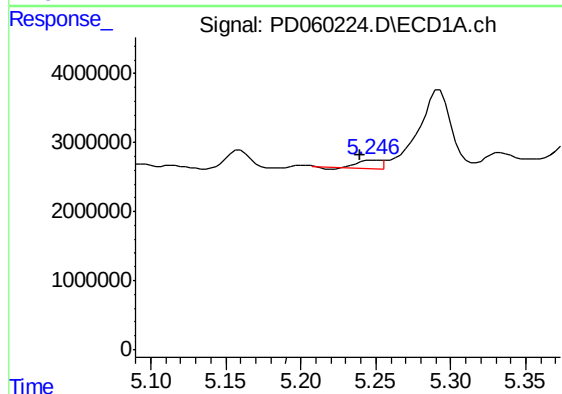
R.T.: 0.000 min  
Exp R.T.: 4.692 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0B84



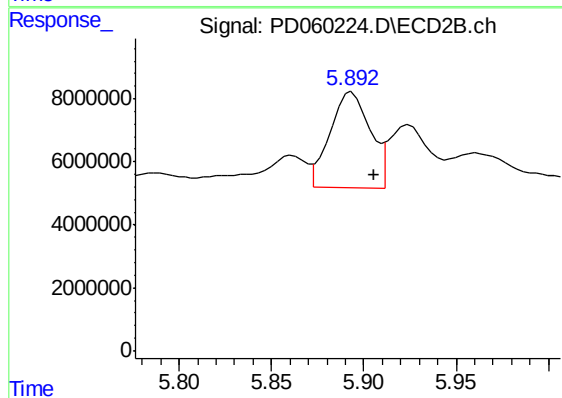
#7 delta-BHC

R.T.: 5.091 min  
Delta R.T.: 0.004 min  
Response: 596868  
Conc: 0.16 ng/ml



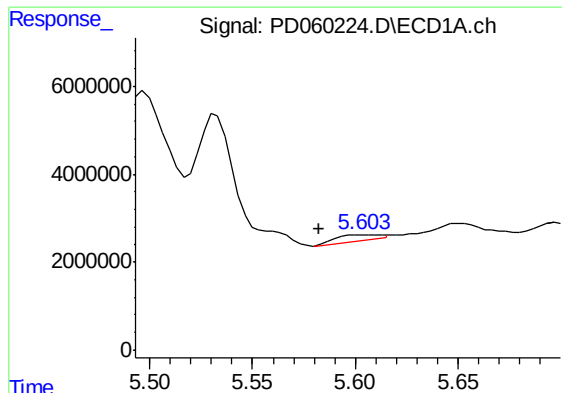
#8 Heptachlor epoxide

R.T.: 5.248 min  
Delta R.T.: 0.008 min  
Response: 1093096  
Conc: 1.03 ng/ml



#8 Heptachlor epoxide

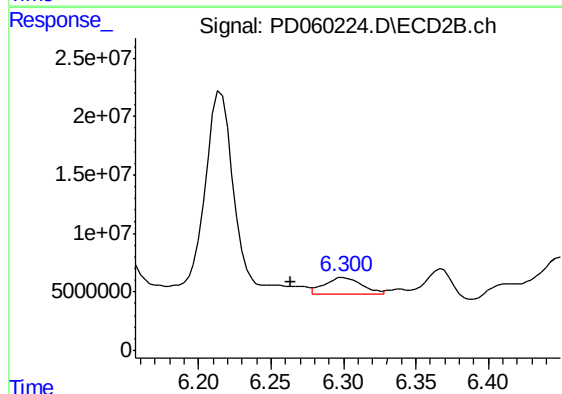
R.T.: 5.894 min  
Delta R.T.: -0.012 min  
Response: 45681160  
Conc: 13.87 ng/ml



#9 Endosulfan I

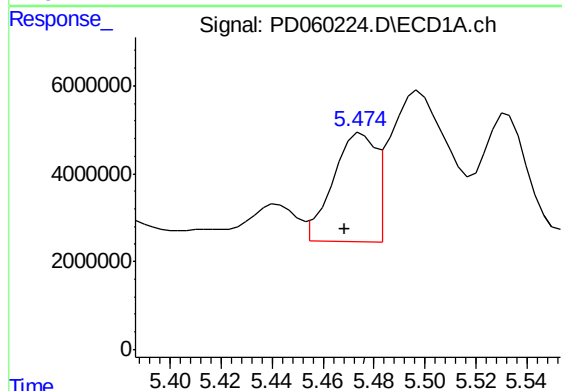
R.T.: 5.605 min  
Delta R.T.: 0.022 min  
Response: 1922247  
Conc: 1.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B84



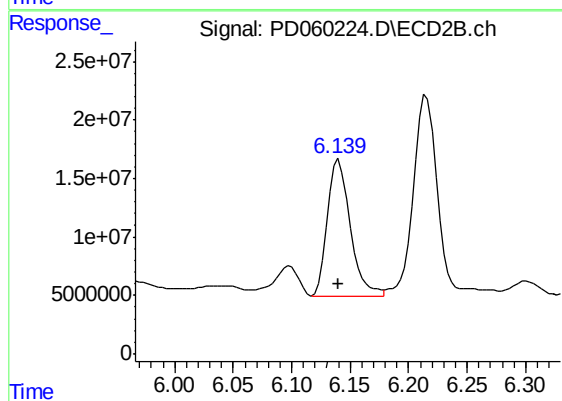
#9 Endosulfan I

R.T.: 6.301 min  
Delta R.T.: 0.037 min  
Response: 26184343  
Conc: 8.17 ng/ml



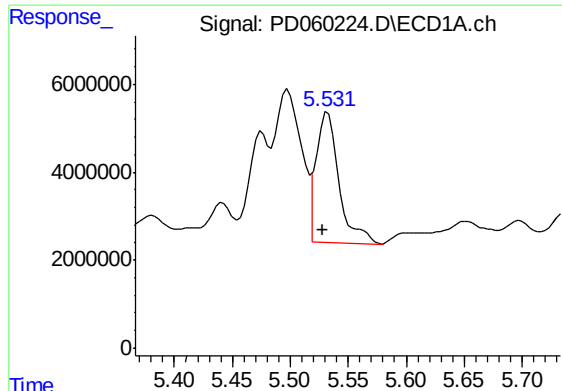
#10 trans-Chlordane

R.T.: 5.475 min  
Delta R.T.: 0.007 min  
Response: 28165150  
Conc: 26.52 ng/ml



#10 trans-Chlordane

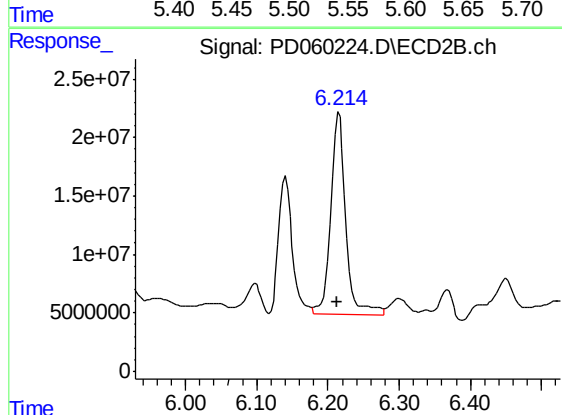
R.T.: 6.141 min  
Delta R.T.: 0.000 min  
Response: 156968544  
Conc: 45.69 ng/ml



#11 cis-Chlordane

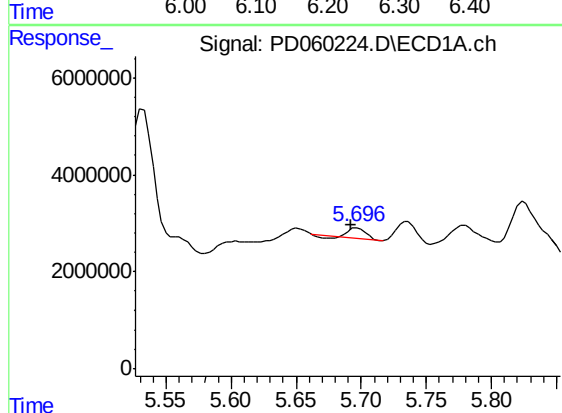
R.T.: 5.532 min  
Delta R.T.: 0.005 min  
Response: 41292528  
Conc: 39.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B84



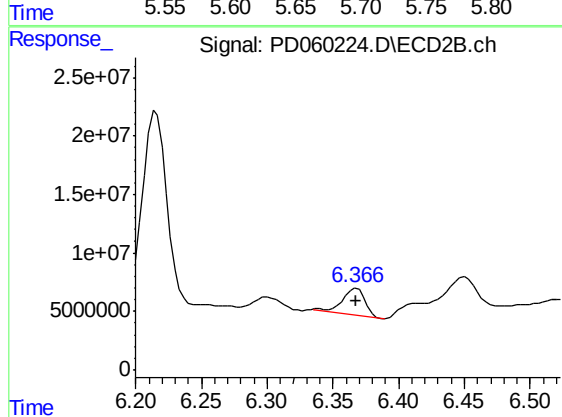
#11 cis-Chlordane

R.T.: 6.216 min  
Delta R.T.: 0.003 min  
Response: 254289036  
Conc: 74.06 ng/ml



#12 4,4'-DDE

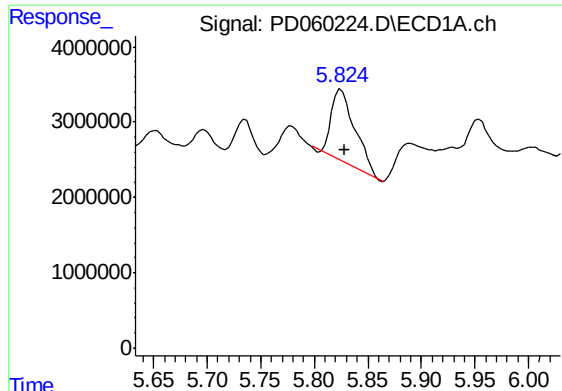
R.T.: 5.697 min  
Delta R.T.: 0.005 min  
Response: 1674236  
Conc: 1.64 ng/ml



#12 4,4'-DDE

R.T.: 6.368 min  
Delta R.T.: 0.000 min  
Response: 27476523  
Conc: 8.50 ng/ml

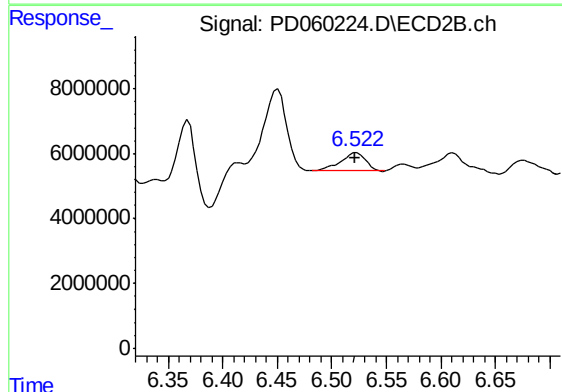




#13 Dieldrin

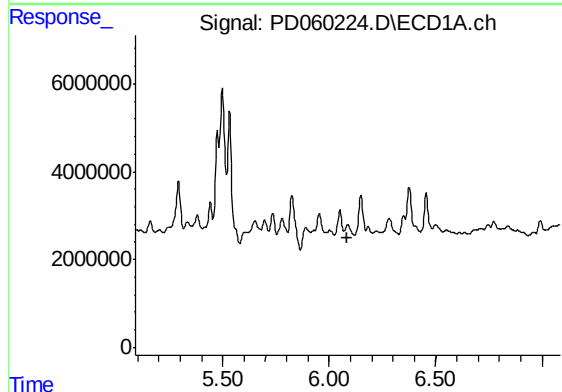
R.T.: 5.825 min  
Delta R.T.: -0.003 min  
Response: 14632910  
Conc: 13.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B84



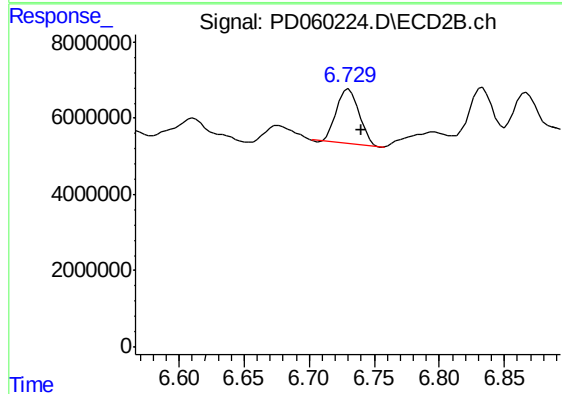
#13 Dieldrin

R.T.: 6.523 min  
Delta R.T.: 0.001 min  
Response: 9347465  
Conc: 2.68 ng/ml



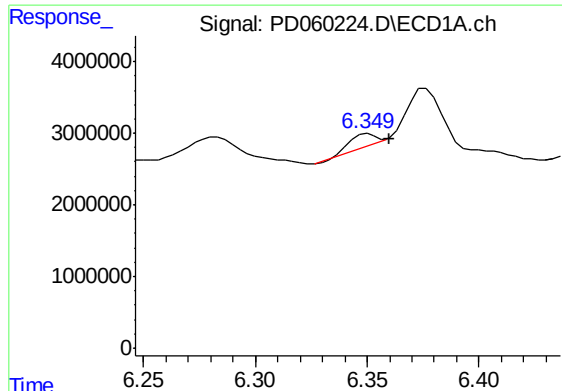
#14 Endrin

R.T.: 6.089 min  
Delta R.T.: 0.002 min  
Response: -3037739  
Conc: N.D.



#14 Endrin

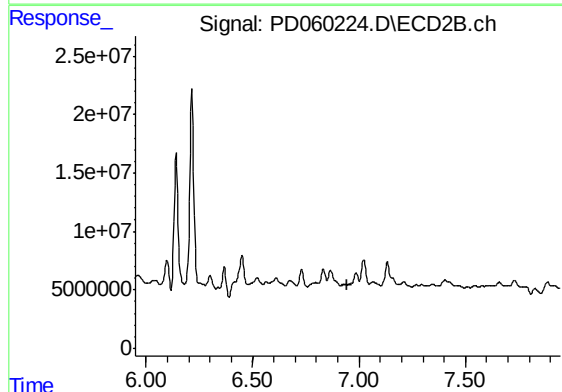
R.T.: 6.730 min  
Delta R.T.: -0.009 min  
Response: 17304592  
Conc: 6.18 ng/ml



#15 Endosulfan II

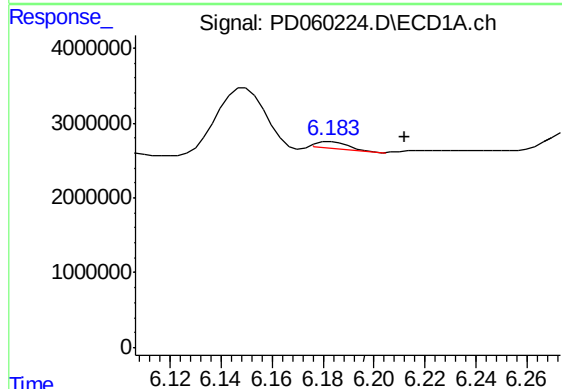
R.T.: 6.351 min  
Delta R.T.: -0.010 min  
Response: 1144791  
Conc: 1.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B84



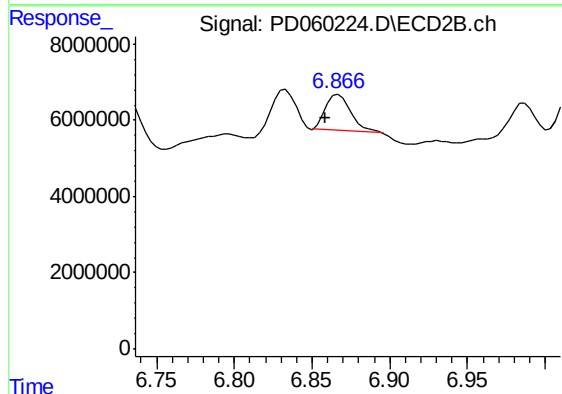
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.947 min  
Response: 0  
Conc: N.D.



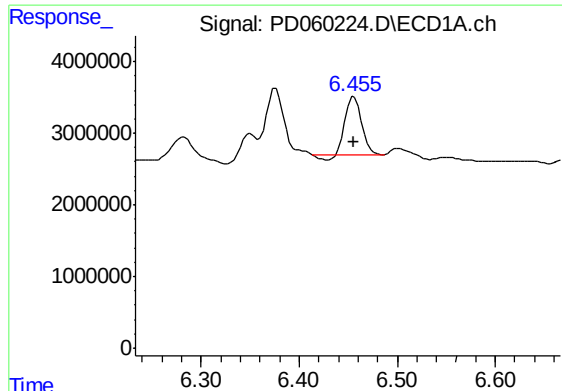
#16 4,4'-DDD

R.T.: 6.184 min  
Delta R.T.: -0.028 min  
Response: 661040  
Conc: 0.75 ng/ml



#16 4,4'-DDD

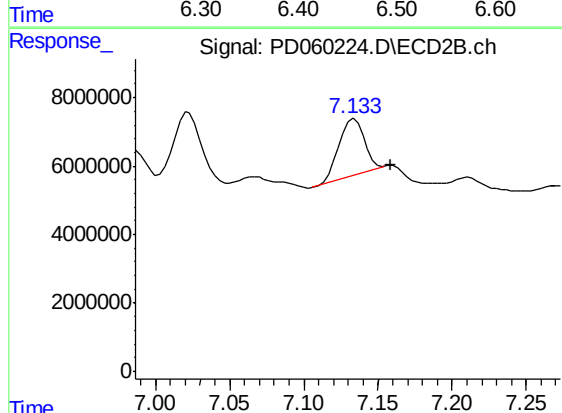
R.T.: 6.867 min  
Delta R.T.: 0.008 min  
Response: 11033182  
Conc: 4.11 ng/ml



#17 4,4'-DDT

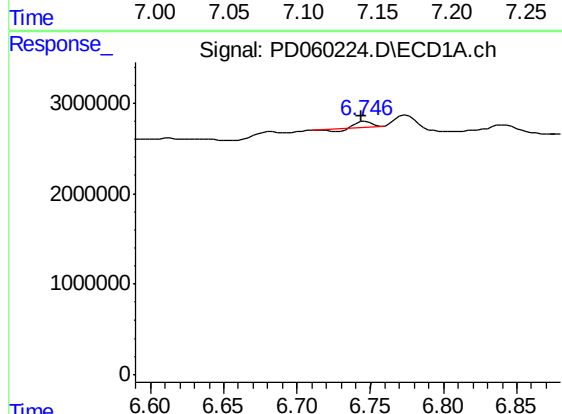
R.T.: 6.456 min  
Delta R.T.: 0.000 min  
Response: 8843664  
Conc: 9.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B84



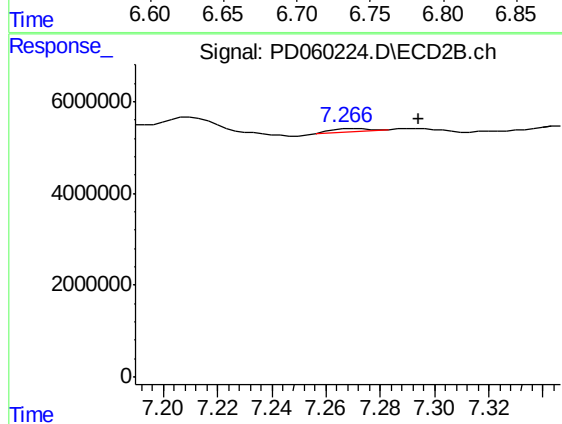
#17 4,4'-DDT

R.T.: 7.134 min  
Delta R.T.: -0.024 min  
Response: 19418463  
Conc: 7.14 ng/ml



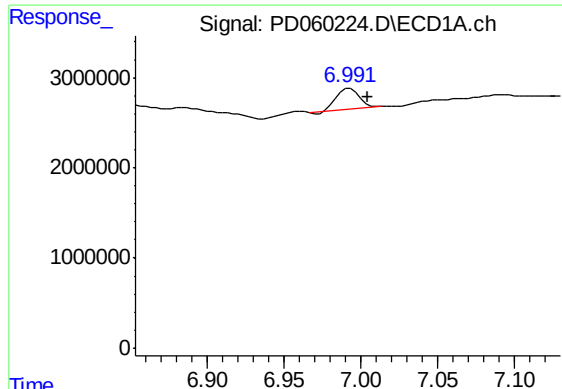
#19 Endosulfan Sulfate

R.T.: 6.747 min  
Delta R.T.: 0.003 min  
Response: 346910  
Conc: 0.40 ng/ml



#19 Endosulfan Sulfate

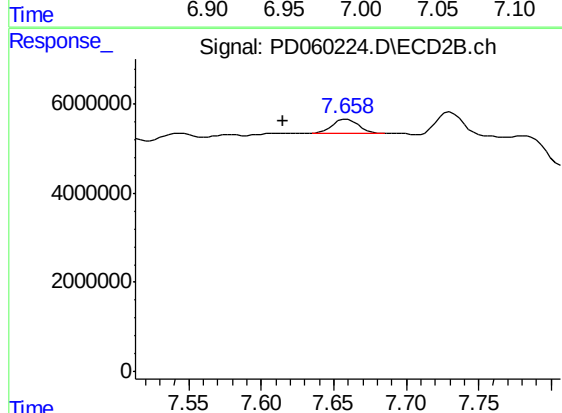
R.T.: 7.270 min  
Delta R.T.: -0.024 min  
Response: 669276  
Conc: 0.23 ng/ml



#20 Methoxychlor

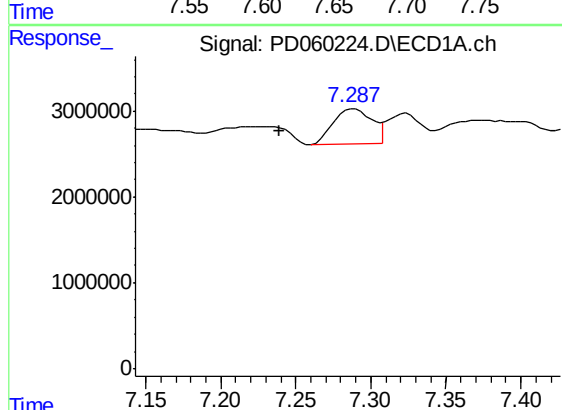
R.T.: 6.993 min  
Delta R.T.: -0.012 min  
Response: 2371269  
Conc: 5.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B84



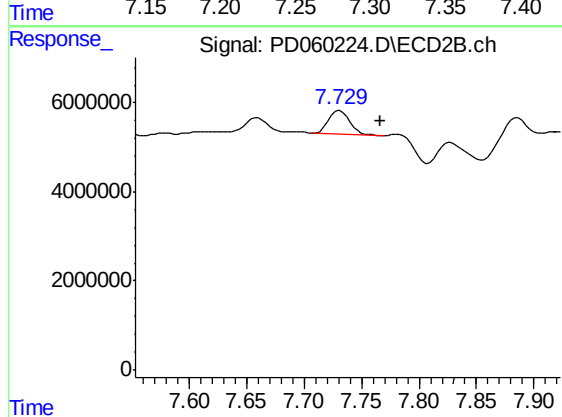
#20 Methoxychlor

R.T.: 7.659 min  
Delta R.T.: 0.044 min  
Response: 4058626  
Conc: 2.89 ng/ml



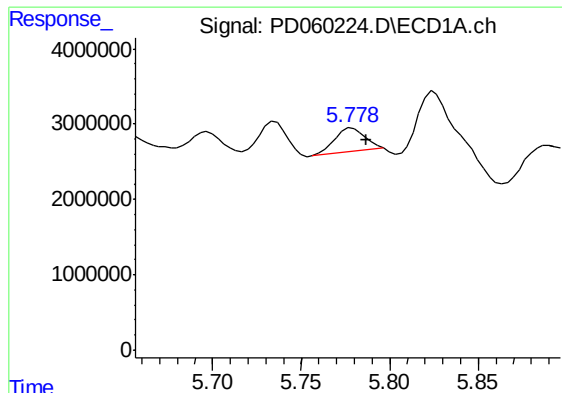
#21 Endrin ketone

R.T.: 7.289 min  
Delta R.T.: 0.049 min  
Response: 7133242  
Conc: 7.17 ng/ml



#21 Endrin ketone

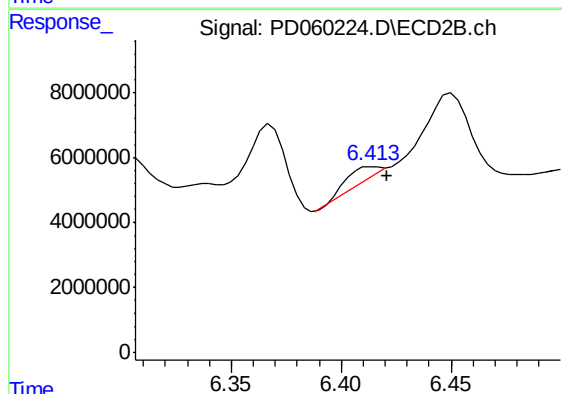
R.T.: 7.731 min  
Delta R.T.: -0.036 min  
Response: 6911333  
Conc: 2.37 ng/ml



#22 Toxaphene-1

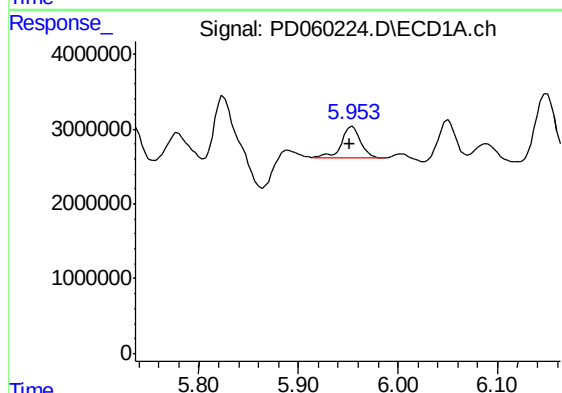
R.T.: 5.779 min  
Delta R.T.: -0.008 min  
Response: 3953534  
Conc: 604.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B84



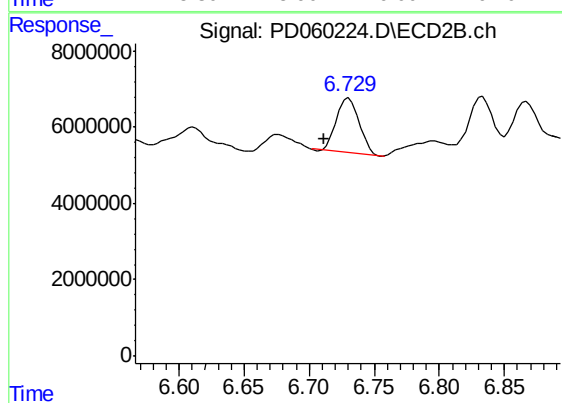
#22 Toxaphene-1

R.T.: 6.415 min  
Delta R.T.: -0.006 min  
Response: 3143660  
Conc: 205.50 ng/ml



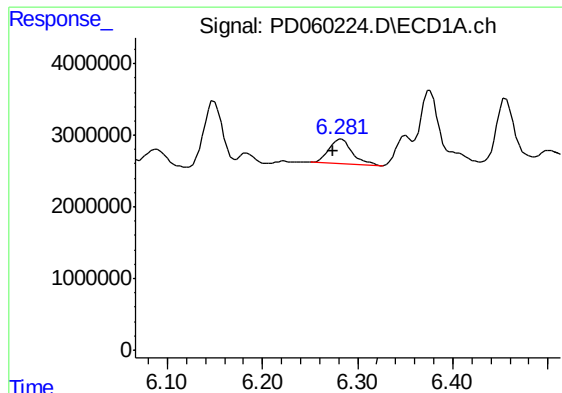
#23 Toxaphene-2

R.T.: 5.954 min  
Delta R.T.: 0.003 min  
Response: 5560249  
Conc: 880.79 ng/ml



#23 Toxaphene-2

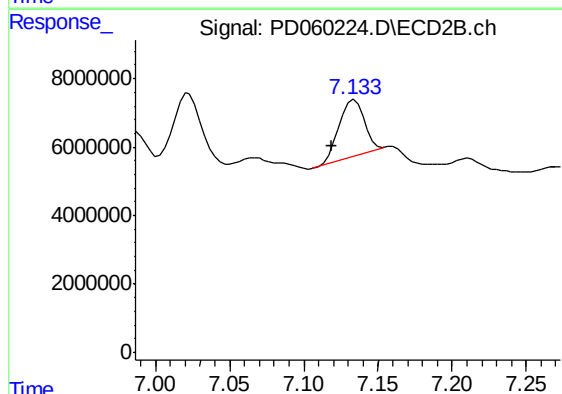
R.T.: 6.730 min  
Delta R.T.: 0.019 min  
Response: 17304592  
Conc: 920.74 ng/ml



#24 Toxaphene-3

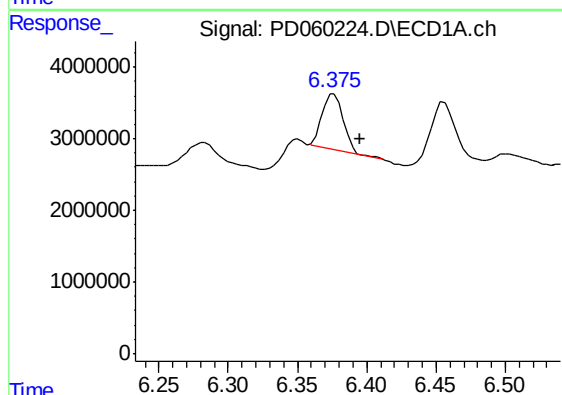
R.T.: 6.283 min  
Delta R.T.: 0.008 min  
Response: 5772601  
Conc: 817.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B84



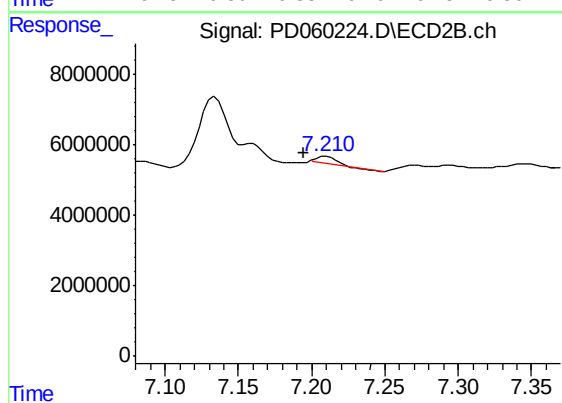
#24 Toxaphene-3

R.T.: 7.134 min  
Delta R.T.: 0.015 min  
Response: 19418463  
Conc: 700.19 ng/ml



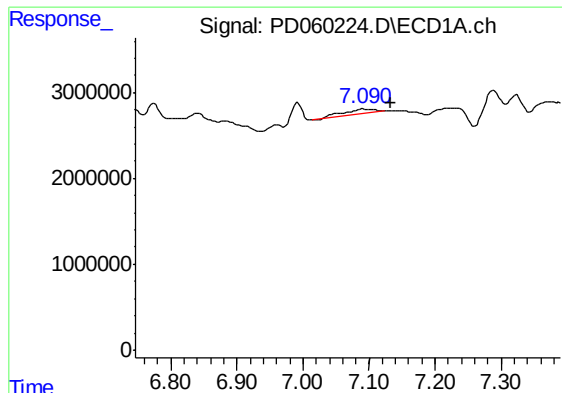
#25 Toxaphene-4

R.T.: 6.376 min  
Delta R.T.: -0.019 min  
Response: 8019731  
Conc: 500.19 ng/ml



#25 Toxaphene-4

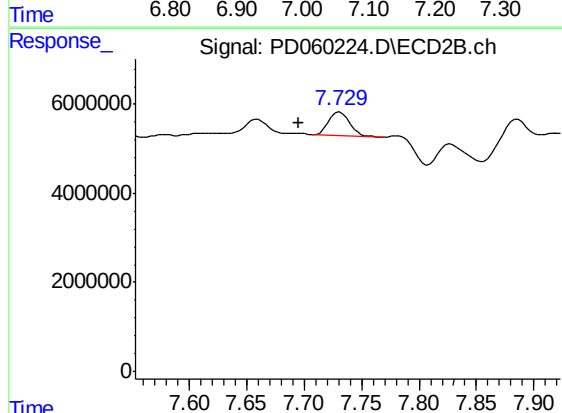
R.T.: 7.210 min  
Delta R.T.: 0.015 min  
Response: 1421739  
Conc: 18.75 ng/ml



#26 Toxaphene-5

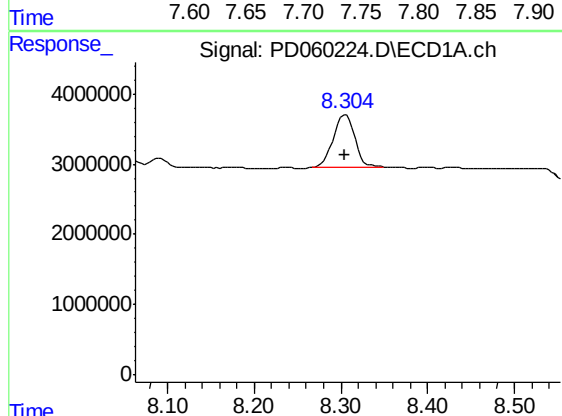
R.T.: 7.092 min  
Delta R.T.: -0.041 min  
Response: 1573823  
Conc: 93.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B84



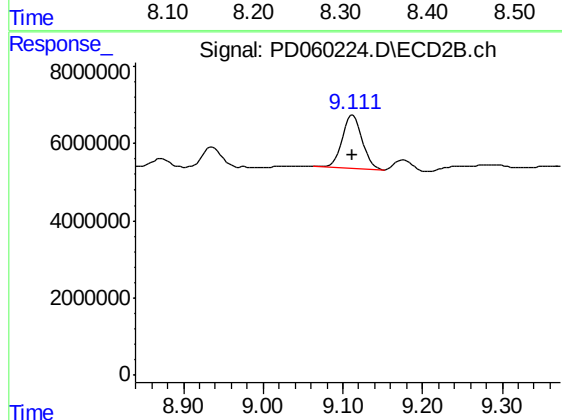
#26 Toxaphene-5

R.T.: 7.731 min  
Delta R.T.: 0.035 min  
Response: 6911333  
Conc: 203.27 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.306 min  
Delta R.T.: 0.000 min  
Response: 13137139  
Conc: 15.81 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.113 min  
Delta R.T.: 0.000 min  
Response: 24286120  
Conc: 9.87 ng/ml