

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010721\  
 Data File : PD060947.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jan 2021 17:13  
 Operator : DD\AJ  
 Sample : TOXAPHENE302  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 08 04:54:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD010721CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 08 03:28:22 2021  
 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

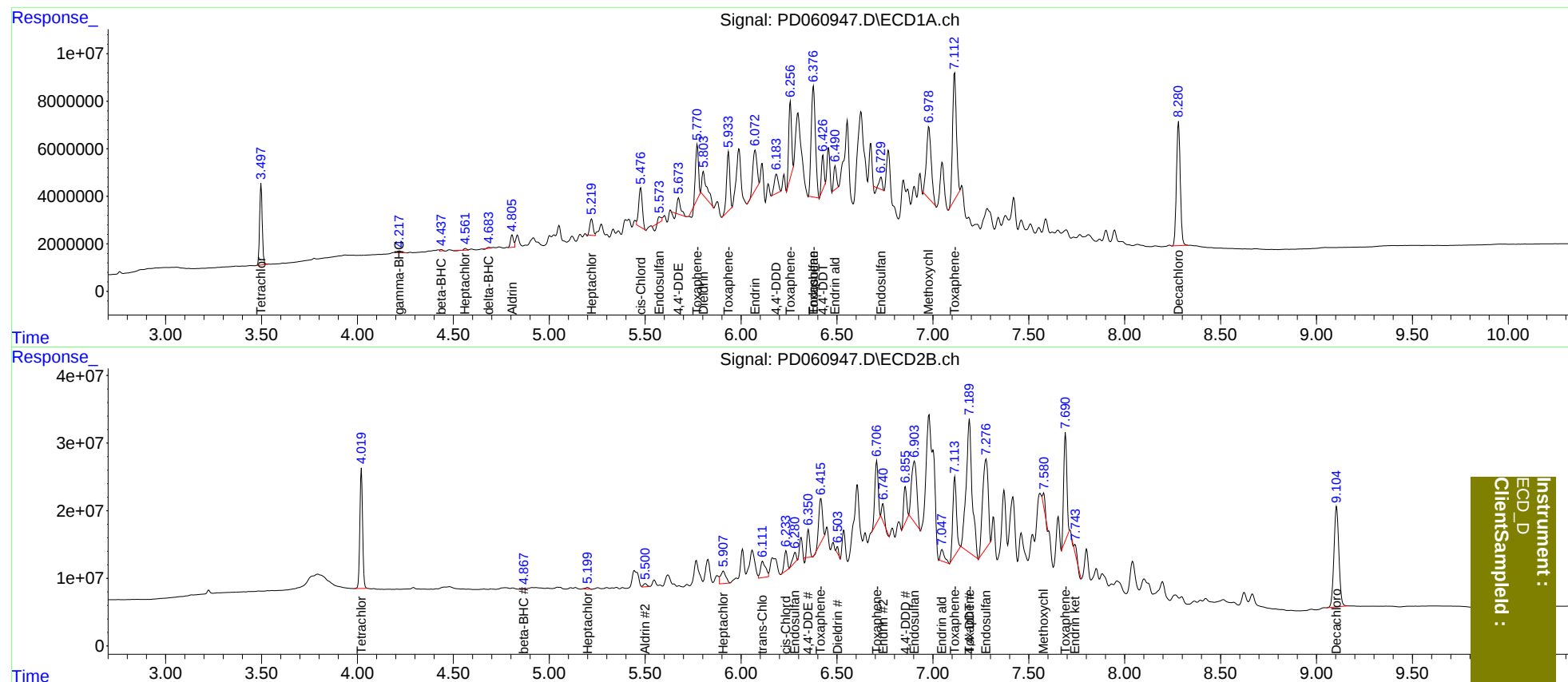
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.498  | 4.021  | 32558641 | 176.5E6  | 24.529   | 25.413   |
| 27)                         | SA Decachlor... | 8.281  | 9.105  | 72060449 | 264.4E6  | 44.783   | 42.871   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.414  | 0        | 518051   | N.D.     | <MDL     |
| 3)                          | MA gamma-BHC... | 4.219  | 4.697  | 1002473  | 972902   | 0.536    | <MDL #   |
| 4)                          | MA Heptachlor   | 4.563f | 5.200  | 710059   | 3517619  | 0.351    | 0.358    |
| 5)                          | MB Aldrin       | 4.806f | 5.501  | 5614351  | 6292916  | 2.920    | 0.683 #  |
| 6)                          | B beta-BHC      | 4.439f | 4.869  | 596882   | 524612   | 0.733    | 0.132 #  |
| 7)                          | B delta-BHC     | 4.686  | 5.113f | 325423   | 819193   | 0.181    | <MDL #   |
| 8)                          | Heptachlo...    | 5.221  | 5.908  | 8043873  | 35099780 | 4.457    | 4.270    |
| 9)                          | A Endosulfan I  | 5.575  | 6.282  | 289443   | 21314335 | 0.165    | 2.736 #  |
| 10)                         | B trans-Chl...  | 5.448  | 6.112  | -194726  | 44334075 | N.D.     | 5.114    |
| 11)                         | B cis-Chlor...  | 5.477  | 6.235  | 21851323 | 32529499 | 11.820   | 3.957 #  |
| 12)                         | B 4,4'-DDE      | 5.675  | 6.351  | 7097950  | 37514331 | 4.086    | 5.043    |
| 13)                         | MA Dieldrin     | 5.804  | 6.503  | 19366934 | 7504300  | 10.039   | 0.894 #  |
| 14)                         | MA Endrin       | 6.073  | 6.740  | 24712067 | 24219619 | 15.630   | 3.729 #  |
| 15)                         | B Endosulfa...  | 6.377  | 6.904f | 71089857 | 173.3E6  | 49.720   | 27.893 # |
| 16)                         | A 4,4'-DDD      | 6.185  | 6.857  | 11494877 | 57487595 | 8.218    | 9.856    |
| 17)                         | MA 4,4'-DDT     | 6.427  | 7.191f | 12667390 | 422.8E6  | 8.133    | 68.468 # |
| 18)                         | B Endrin al...  | 6.491  | 7.048  | 9908250  | 25390220 | 7.968    | 4.829 #  |
| 19)                         | B Endosulfa...  | 6.730  | 7.277  | 4056495  | 264.7E6  | 3.108    | 42.892 # |
| 20)                         | A Methoxychlor  | 6.979  | 7.578  | 53042143 | 18401331 | 69.398   | 6.462 #  |
| 21)                         | B Endrin ke...  | 7.231  | 7.741  | -612272  | 11586243 | N.D.     | 1.786    |
| 22)                         | Toxaphene-1     | 5.772  | 6.416  | 22360563 | 85196012 | 1412.258 | 1618.152 |
| 23)                         | Toxaphene-2     | 5.935  | 6.708  | 28743879 | 108.3E6  | 1728.951 | 1759.952 |
| 24)                         | Toxaphene-3     | 6.257  | 7.115  | 32575993 | 153.3E6  | 1766.663 | 1753.961 |
| 25)                         | Toxaphene-4     | 6.377  | 7.191  | 71089857 | 422.8E6  | 1712.670 | 1765.152 |
| 26)                         | Toxaphene-5     | 7.113  | 7.691  | 74445999 | 185.4E6  | 1663.112 | 1751.274 |
| -----                       |                 |        |        |          |          |          |          |

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

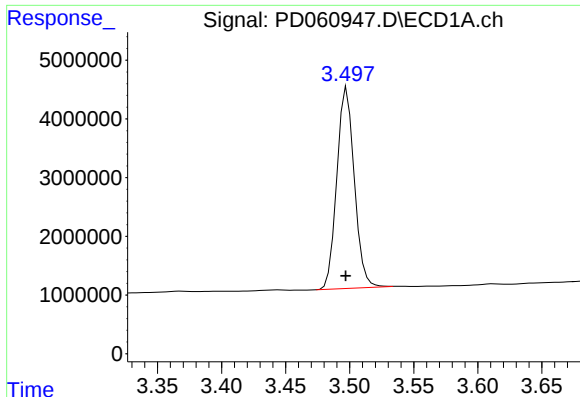
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010721\  
Data File : PD060947.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jan 2021 17:13  
Operator : DD\AJ  
Sample : TOXAPHENE302  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 08 04:54:34 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD010721CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 08 03:28:22 2021  
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



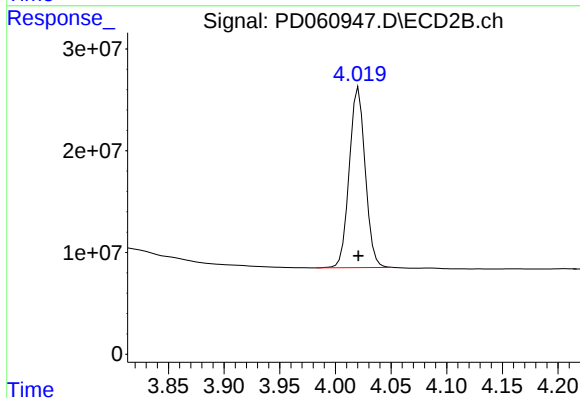
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

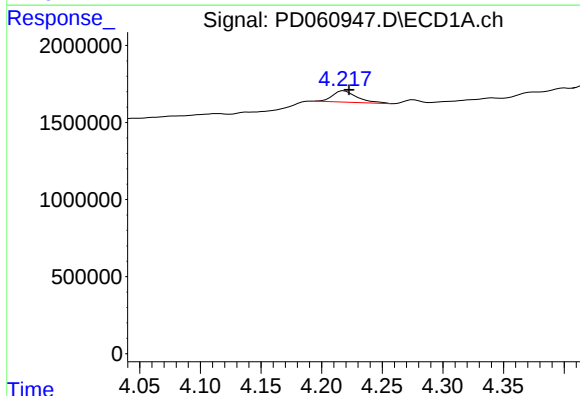
R.T.: 3.498 min  
Delta R.T.: 0.001 min  
Response: 32558641  
Conc: 24.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



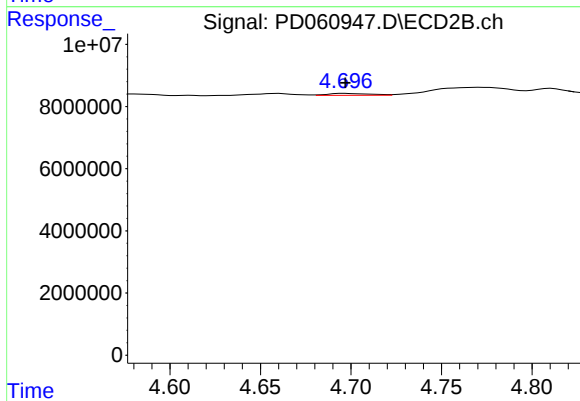
#1 Tetrachloro-m-xylene

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 176478146  
Conc: 25.41 ng/ml



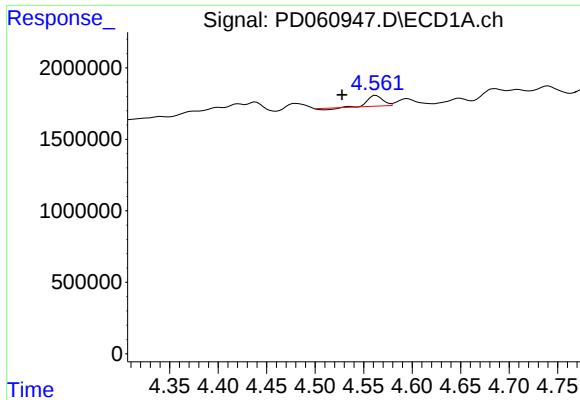
#3 gamma-BHC (Lindane)

R.T.: 4.219 min  
Delta R.T.: -0.004 min  
Response: 1002473  
Conc: 0.54 ng/ml



#3 gamma-BHC (Lindane)

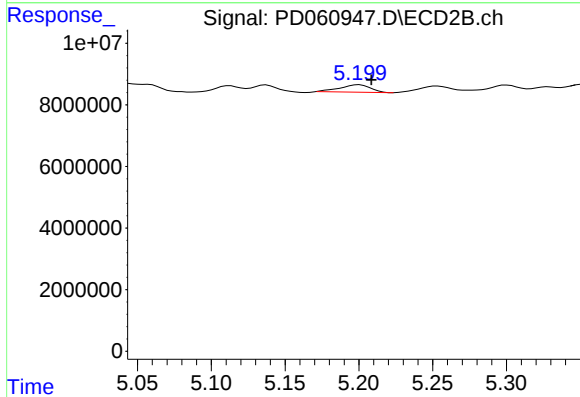
R.T.: 4.697 min  
Delta R.T.: 0.000 min  
Response: 972902  
Conc: N.D.



#4 Heptachlor

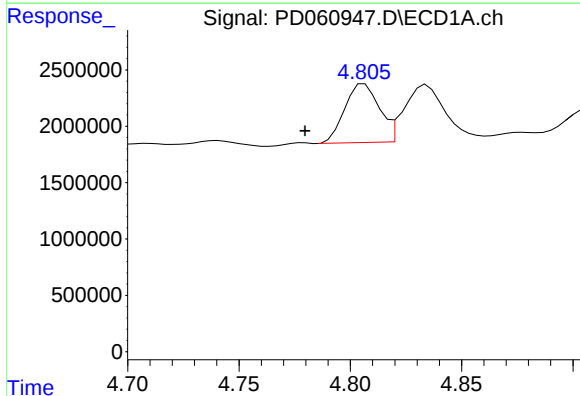
R.T.: 4.563 min  
Delta R.T.: 0.035 min  
Response: 710059  
Conc: 0.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



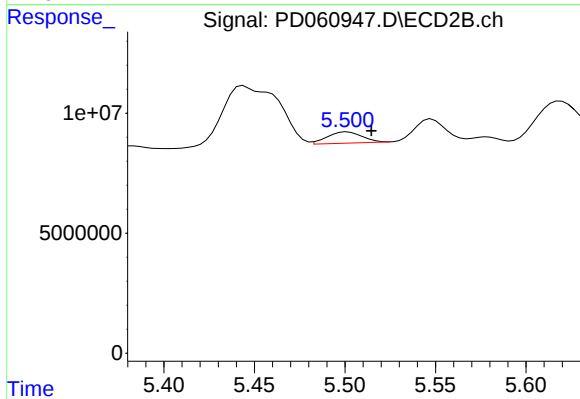
#4 Heptachlor

R.T.: 5.200 min  
Delta R.T.: -0.008 min  
Response: 3517619  
Conc: 0.36 ng/ml



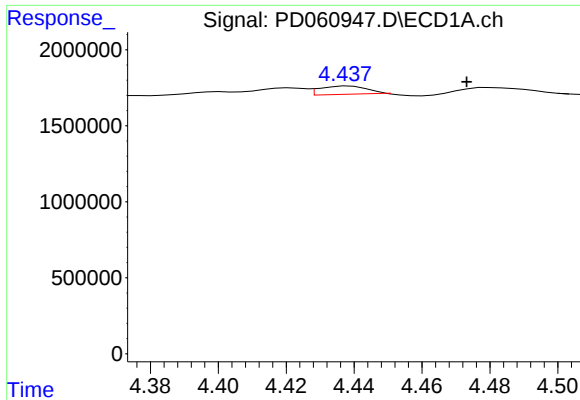
#5 Aldrin

R.T.: 4.806 min  
Delta R.T.: 0.027 min  
Response: 5614351  
Conc: 2.92 ng/ml



#5 Aldrin

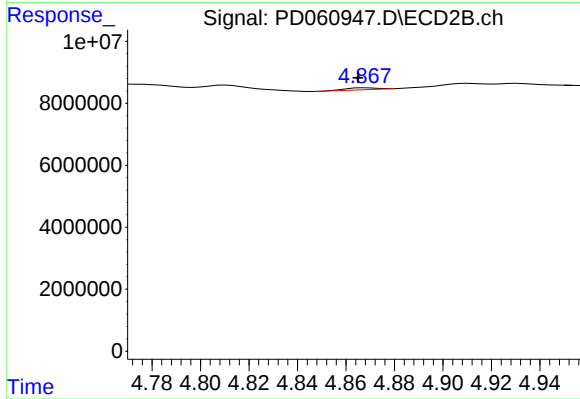
R.T.: 5.501 min  
Delta R.T.: -0.013 min  
Response: 6292916  
Conc: 0.68 ng/ml



#6 beta-BHC

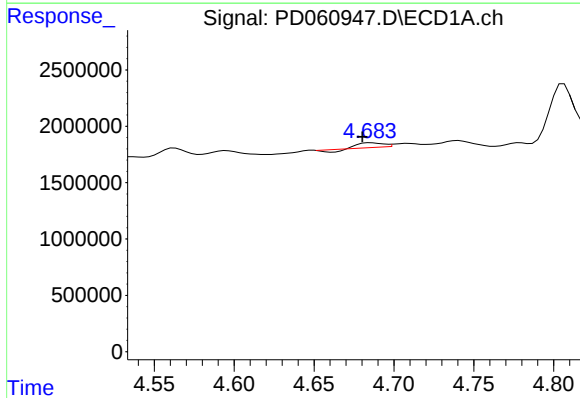
R.T.: 4.439 min  
Delta R.T.: -0.035 min  
Response: 596882  
Conc: 0.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



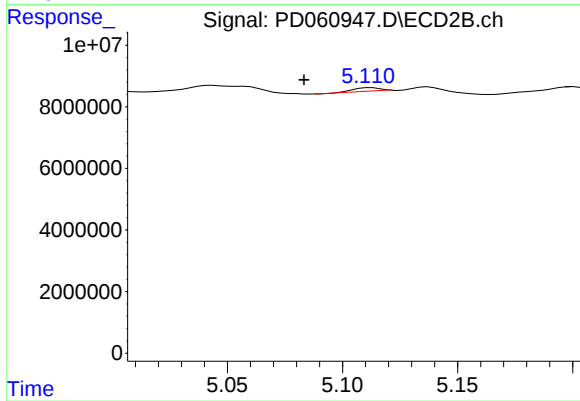
#6 beta-BHC

R.T.: 4.869 min  
Delta R.T.: 0.004 min  
Response: 524612  
Conc: 0.13 ng/ml



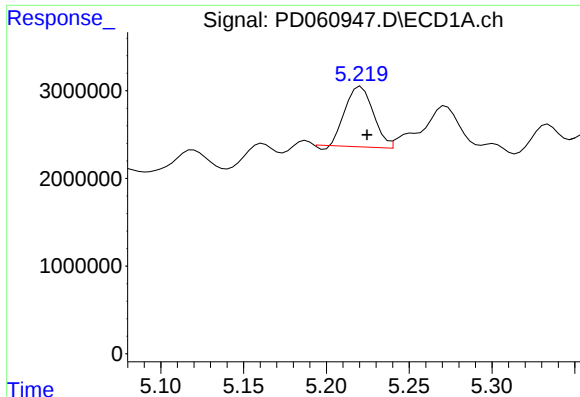
#7 delta-BHC

R.T.: 4.686 min  
Delta R.T.: 0.006 min  
Response: 325423  
Conc: 0.18 ng/ml



#7 delta-BHC

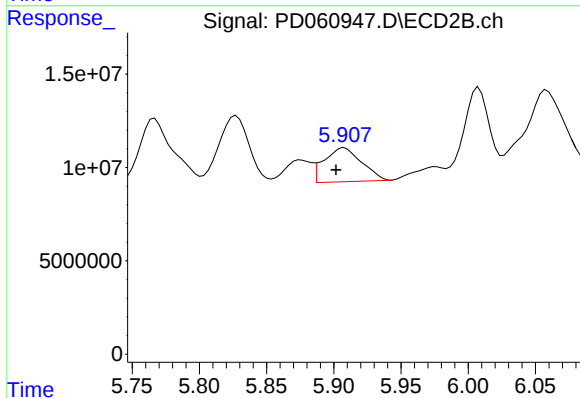
R.T.: 5.113 min  
Delta R.T.: 0.029 min  
Response: 819193  
Conc: N.D.



#8 Heptachlor epoxide

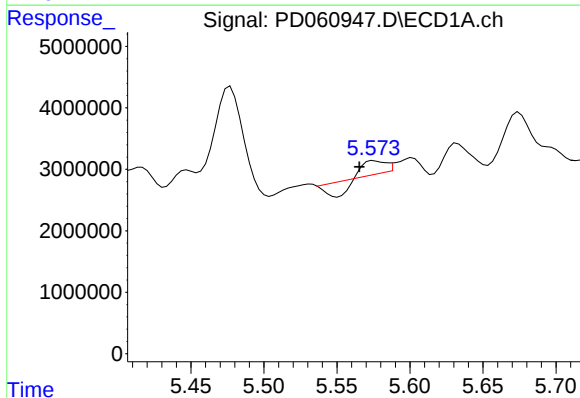
R.T.: 5.221 min  
Delta R.T.: -0.004 min  
Response: 8043873  
Conc: 4.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



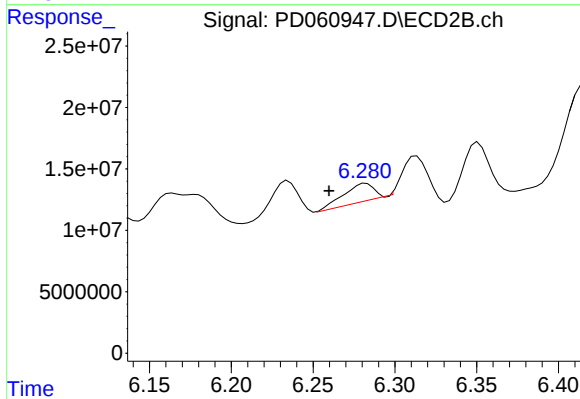
#8 Heptachlor epoxide

R.T.: 5.908 min  
Delta R.T.: 0.006 min  
Response: 35099780  
Conc: 4.27 ng/ml



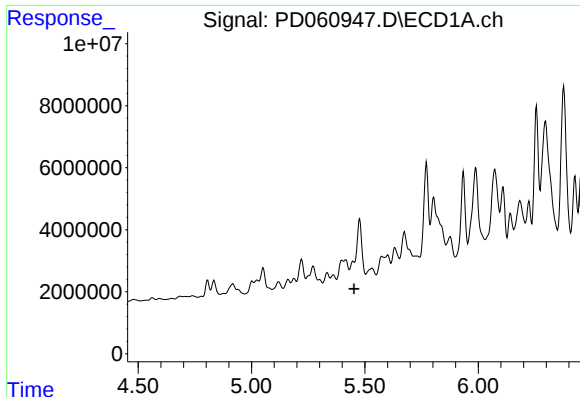
#9 Endosulfan I

R.T.: 5.575 min  
Delta R.T.: 0.010 min  
Response: 289443  
Conc: 0.17 ng/ml



#9 Endosulfan I

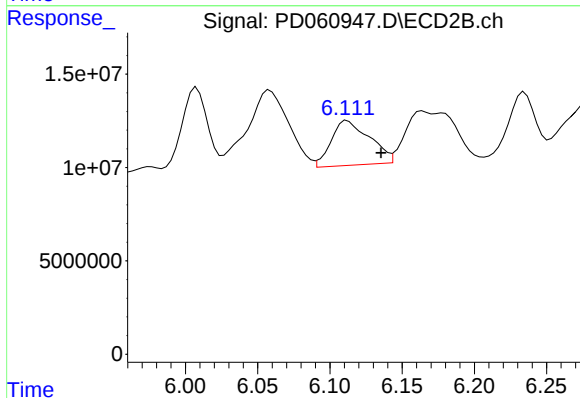
R.T.: 6.282 min  
Delta R.T.: 0.023 min  
Response: 21314335  
Conc: 2.74 ng/ml



#10 trans-Chlordane

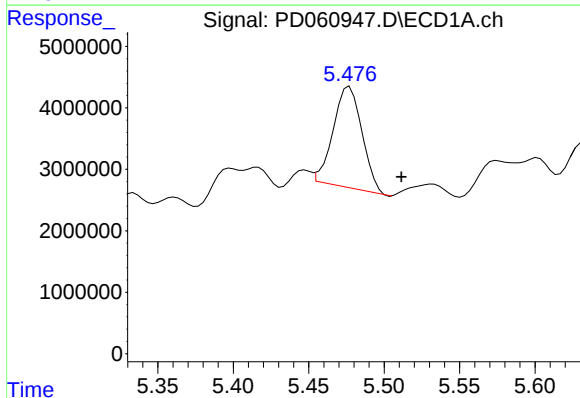
R.T.: 5.448 min  
Delta R.T.: -0.005 min  
Response: -194726  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



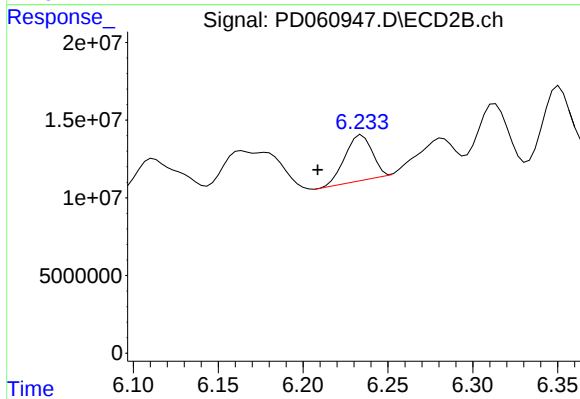
#10 trans-Chlordane

R.T.: 6.112 min  
Delta R.T.: -0.023 min  
Response: 44334075  
Conc: 5.11 ng/ml



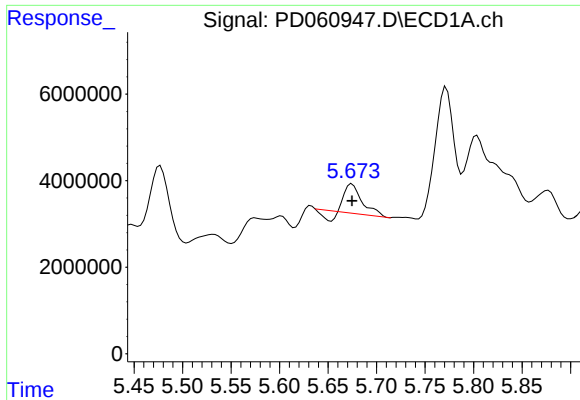
#11 cis-Chlordane

R.T.: 5.477 min  
Delta R.T.: -0.035 min  
Response: 21851323  
Conc: 11.82 ng/ml



#11 cis-Chlordane

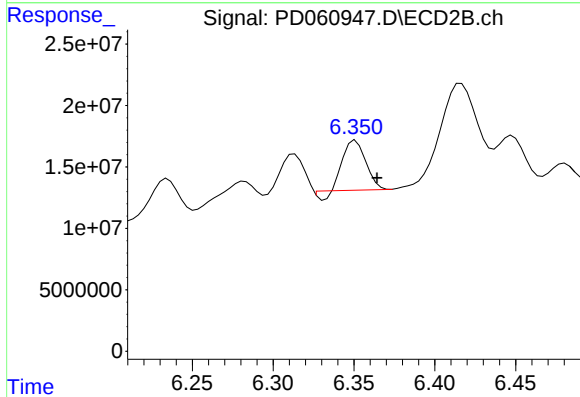
R.T.: 6.235 min  
Delta R.T.: 0.026 min  
Response: 32529499  
Conc: 3.96 ng/ml



#12 4,4'-DDE

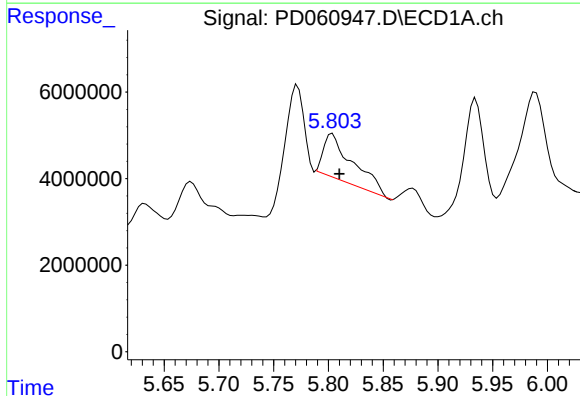
R.T.: 5.675 min  
Delta R.T.: 0.000 min  
Response: 7097950  
Conc: 4.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



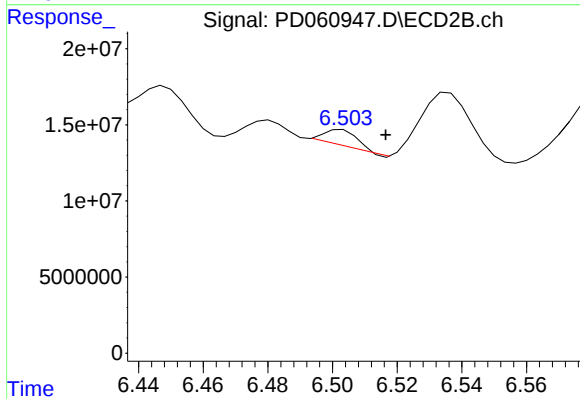
#12 4,4'-DDE

R.T.: 6.351 min  
Delta R.T.: -0.013 min  
Response: 37514331  
Conc: 5.04 ng/ml



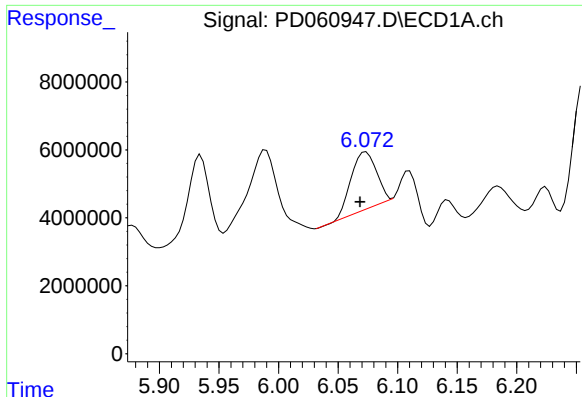
#13 Dieldrin

R.T.: 5.804 min  
Delta R.T.: -0.006 min  
Response: 19366934  
Conc: 10.04 ng/ml



#13 Dieldrin

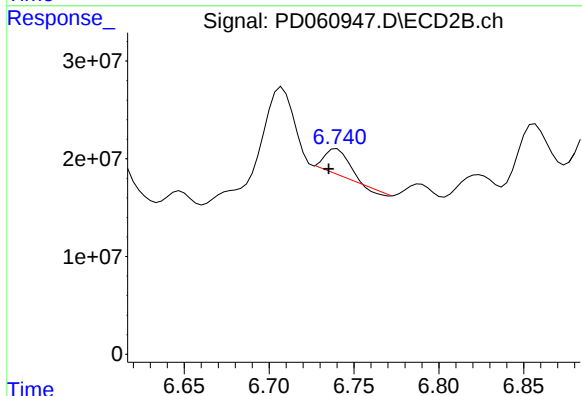
R.T.: 6.503 min  
Delta R.T.: -0.013 min  
Response: 7504300  
Conc: 0.89 ng/ml



#14 Endrin

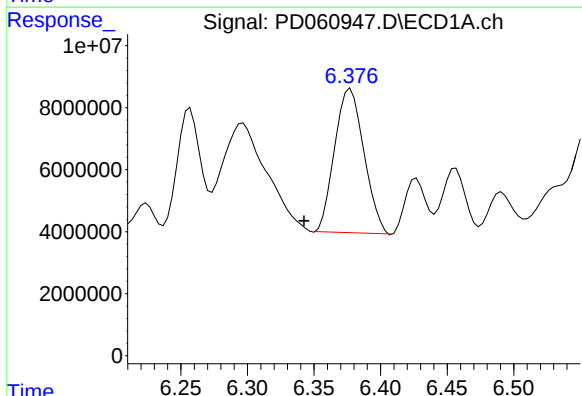
R.T.: 6.073 min  
Delta R.T.: 0.005 min  
Response: 24712067  
Conc: 15.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



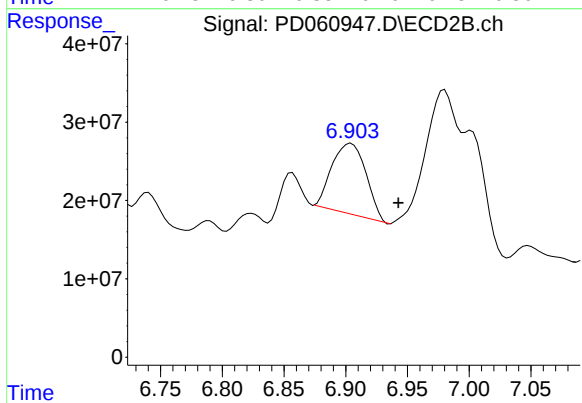
#14 Endrin

R.T.: 6.740 min  
Delta R.T.: 0.005 min  
Response: 24219619  
Conc: 3.73 ng/ml



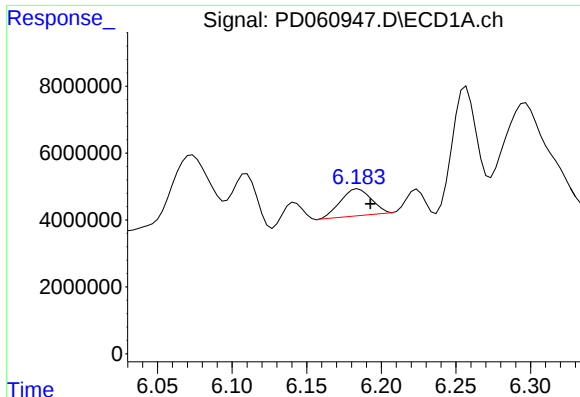
#15 Endosulfan II

R.T.: 6.377 min  
Delta R.T.: 0.035 min  
Response: 71089857  
Conc: 49.72 ng/ml



#15 Endosulfan II

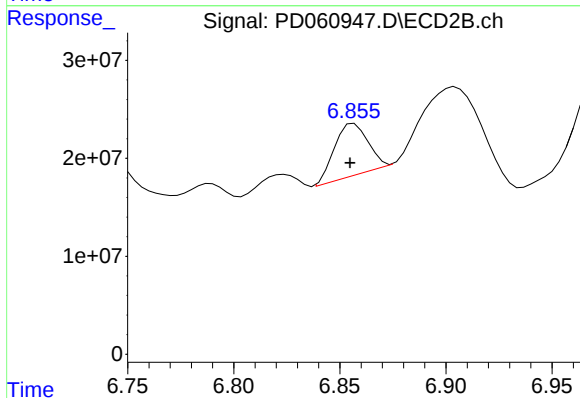
R.T.: 6.904 min  
Delta R.T.: -0.038 min  
Response: 173253131  
Conc: 27.89 ng/ml



#16 4,4'-DDD

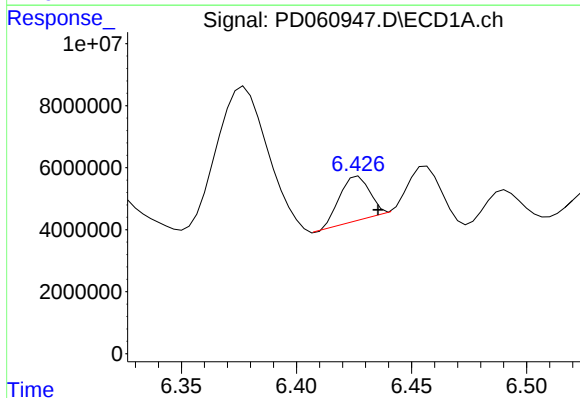
R.T.: 6.185 min  
Delta R.T.: -0.008 min  
Response: 11494877  
Conc: 8.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



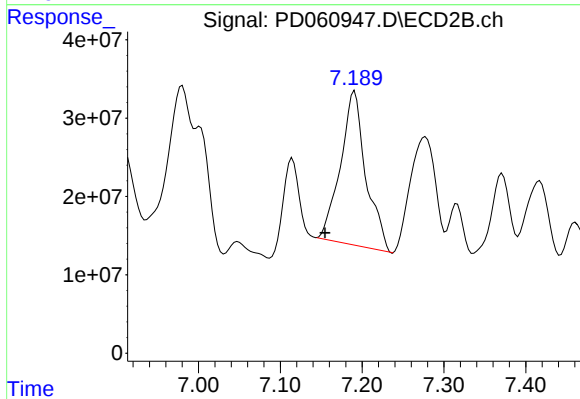
#16 4,4'-DDD

R.T.: 6.857 min  
Delta R.T.: 0.002 min  
Response: 57487595  
Conc: 9.86 ng/ml



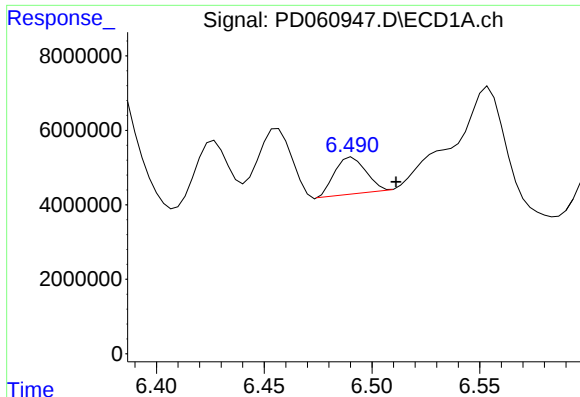
#17 4,4'-DDT

R.T.: 6.427 min  
Delta R.T.: -0.009 min  
Response: 12667390  
Conc: 8.13 ng/ml



#17 4,4'-DDT

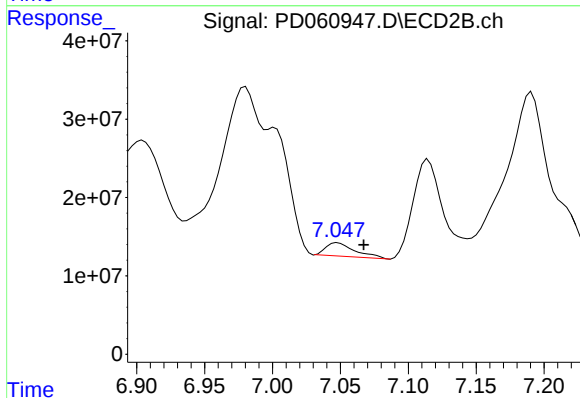
R.T.: 7.191 min  
Delta R.T.: 0.036 min  
Response: 422769188  
Conc: 68.47 ng/ml



#18 Endrin aldehyde

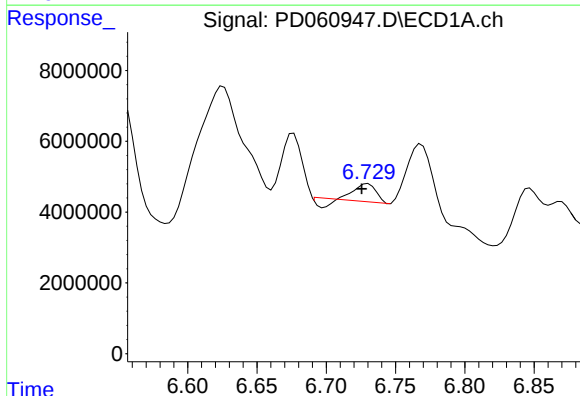
R.T.: 6.491 min  
Delta R.T.: -0.020 min  
Response: 9908250  
Conc: 7.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



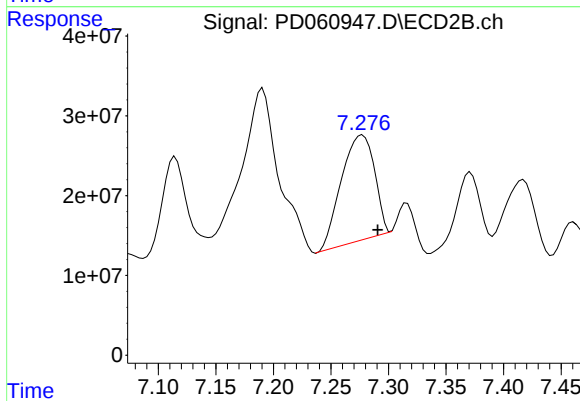
#18 Endrin aldehyde

R.T.: 7.048 min  
Delta R.T.: -0.019 min  
Response: 25390220  
Conc: 4.83 ng/ml



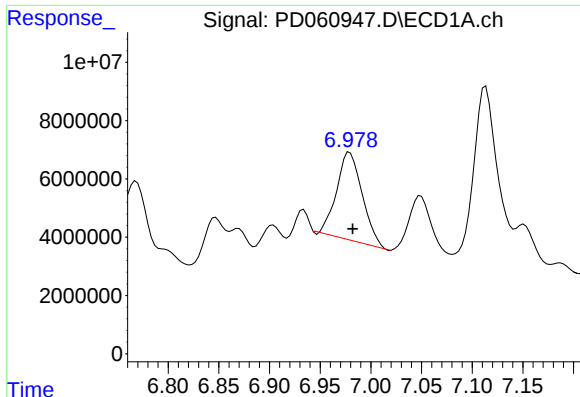
#19 Endosulfan Sulfate

R.T.: 6.730 min  
Delta R.T.: 0.005 min  
Response: 4056495  
Conc: 3.11 ng/ml



#19 Endosulfan Sulfate

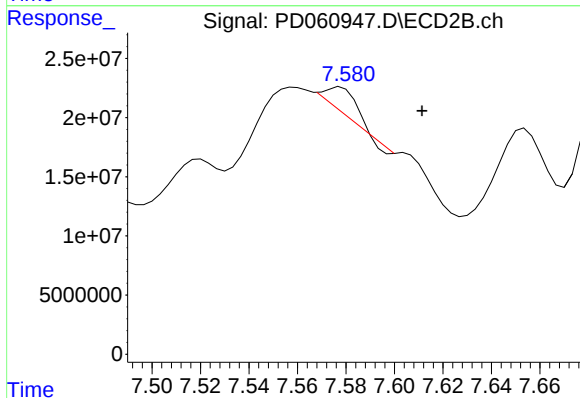
R.T.: 7.277 min  
Delta R.T.: -0.013 min  
Response: 264665775  
Conc: 42.89 ng/ml



#20 Methoxychlor

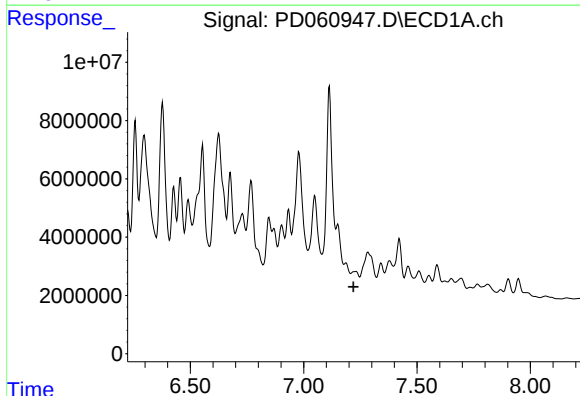
R.T.: 6.979 min  
Delta R.T.: -0.003 min  
Response: 53042143  
Conc: 69.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



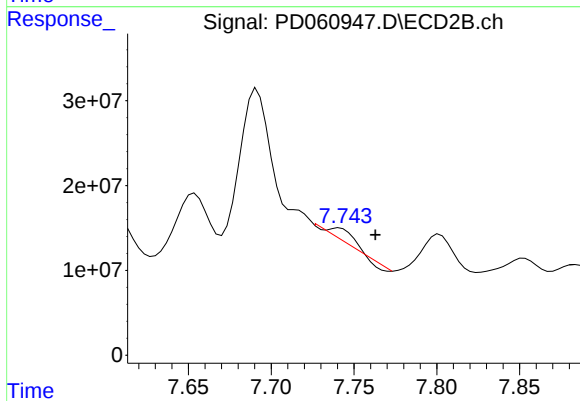
#20 Methoxychlor

R.T.: 7.578 min  
Delta R.T.: -0.033 min  
Response: 18401331  
Conc: 6.46 ng/ml



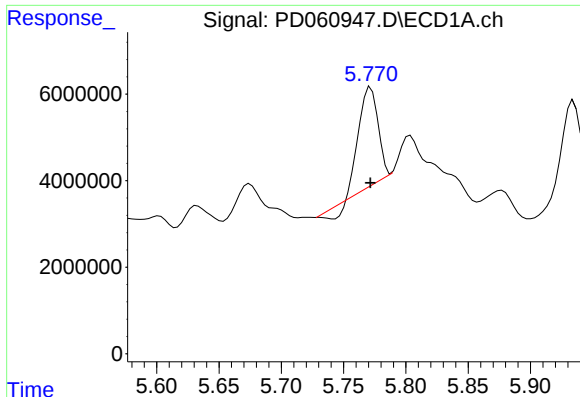
#21 Endrin ketone

R.T.: 7.231 min  
Delta R.T.: 0.011 min  
Response: -612272  
Conc: N.D.



#21 Endrin ketone

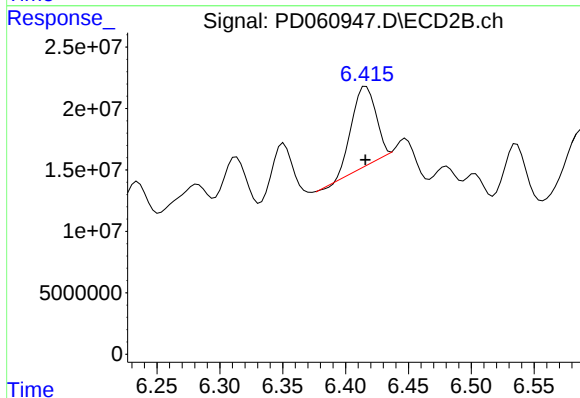
R.T.: 7.741 min  
Delta R.T.: -0.022 min  
Response: 11586243  
Conc: 1.79 ng/ml



#22 Toxaphene-1

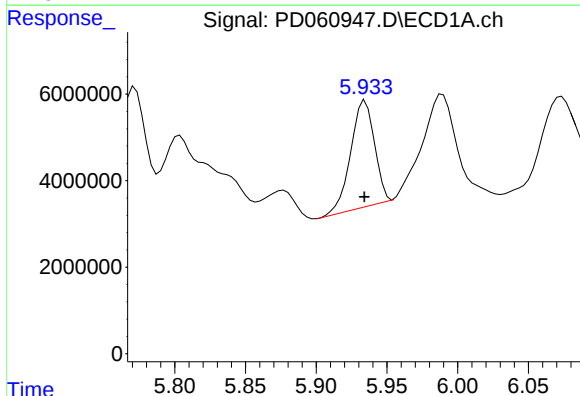
R.T.: 5.772 min  
Delta R.T.: 0.000 min  
Response: 22360563  
Conc: 1412.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



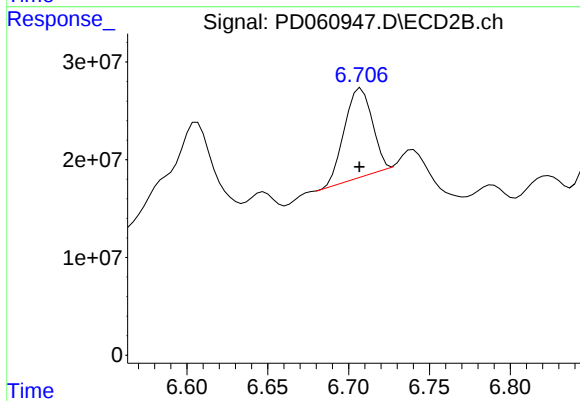
#22 Toxaphene-1

R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 85196012  
Conc: 1618.15 ng/ml



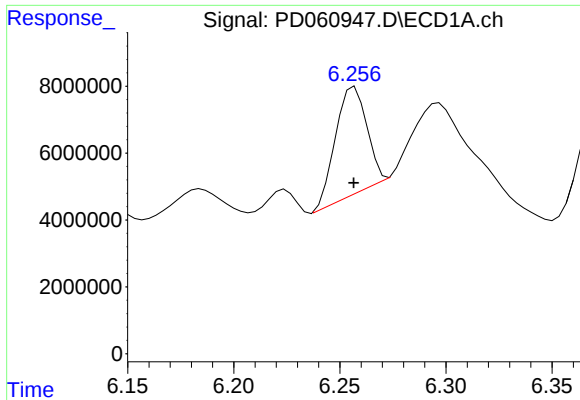
#23 Toxaphene-2

R.T.: 5.935 min  
Delta R.T.: 0.000 min  
Response: 28743879  
Conc: 1728.95 ng/ml



#23 Toxaphene-2

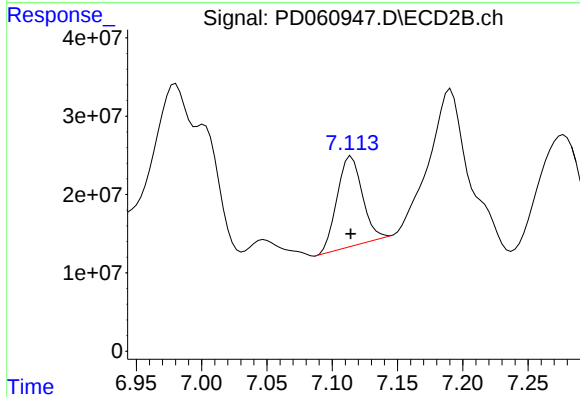
R.T.: 6.708 min  
Delta R.T.: 0.001 min  
Response: 108302284  
Conc: 1759.95 ng/ml



#24 Toxaphene-3

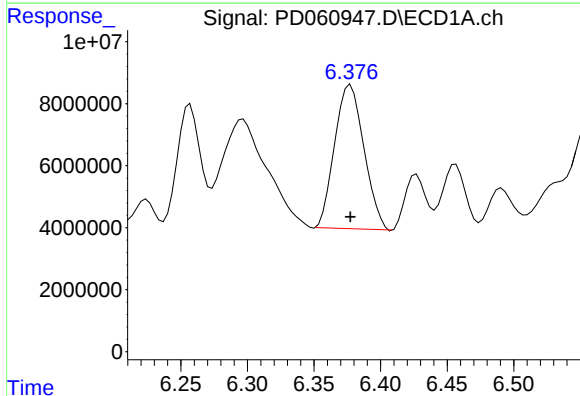
R.T.: 6.257 min  
Delta R.T.: 0.000 min  
Response: 32575993  
Conc: 1766.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



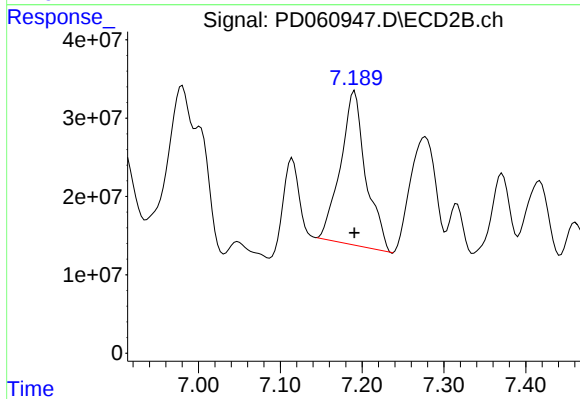
#24 Toxaphene-3

R.T.: 7.115 min  
Delta R.T.: 0.000 min  
Response: 153339784  
Conc: 1753.96 ng/ml



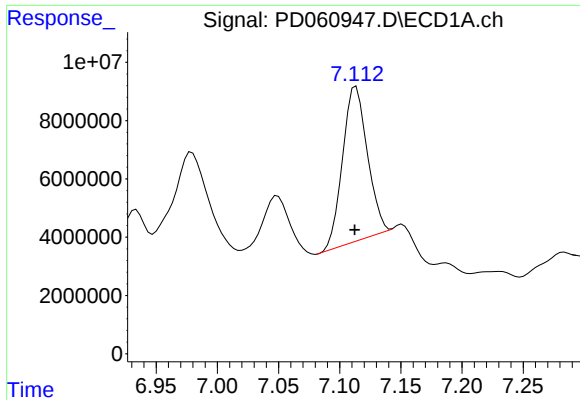
#25 Toxaphene-4

R.T.: 6.377 min  
Delta R.T.: 0.000 min  
Response: 71089857  
Conc: 1712.67 ng/ml



#25 Toxaphene-4

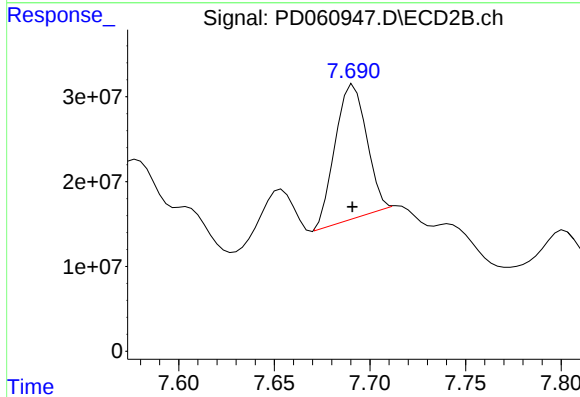
R.T.: 7.191 min  
Delta R.T.: 0.000 min  
Response: 422769188  
Conc: 1765.15 ng/ml



#26 Toxaphene-5

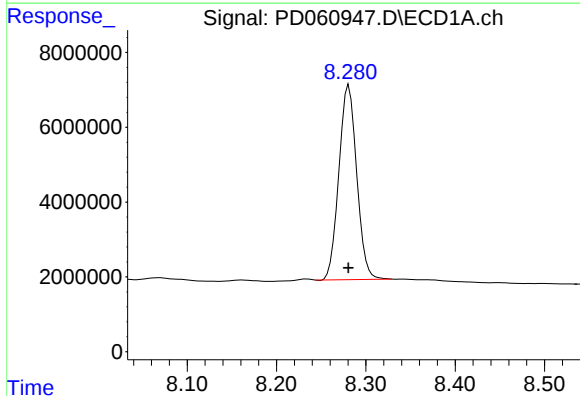
R.T.: 7.113 min  
Delta R.T.: 0.001 min  
Response: 74445999  
Conc: 1663.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



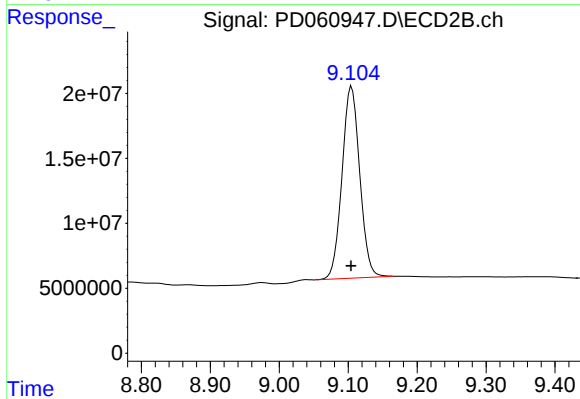
#26 Toxaphene-5

R.T.: 7.691 min  
Delta R.T.: 0.000 min  
Response: 185397800  
Conc: 1751.27 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.281 min  
Delta R.T.: 0.000 min  
Response: 72060449  
Conc: 44.78 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.105 min  
Delta R.T.: 0.000 min  
Response: 264402610  
Conc: 42.87 ng/ml