

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092424\  
 Data File : PD085608.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2024 12:33  
 Operator : AR\AJ  
 Sample : P4017-13DL 2X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 DDC95DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 25 05:13:13 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091924CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 20 05:48:22 2024  
 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

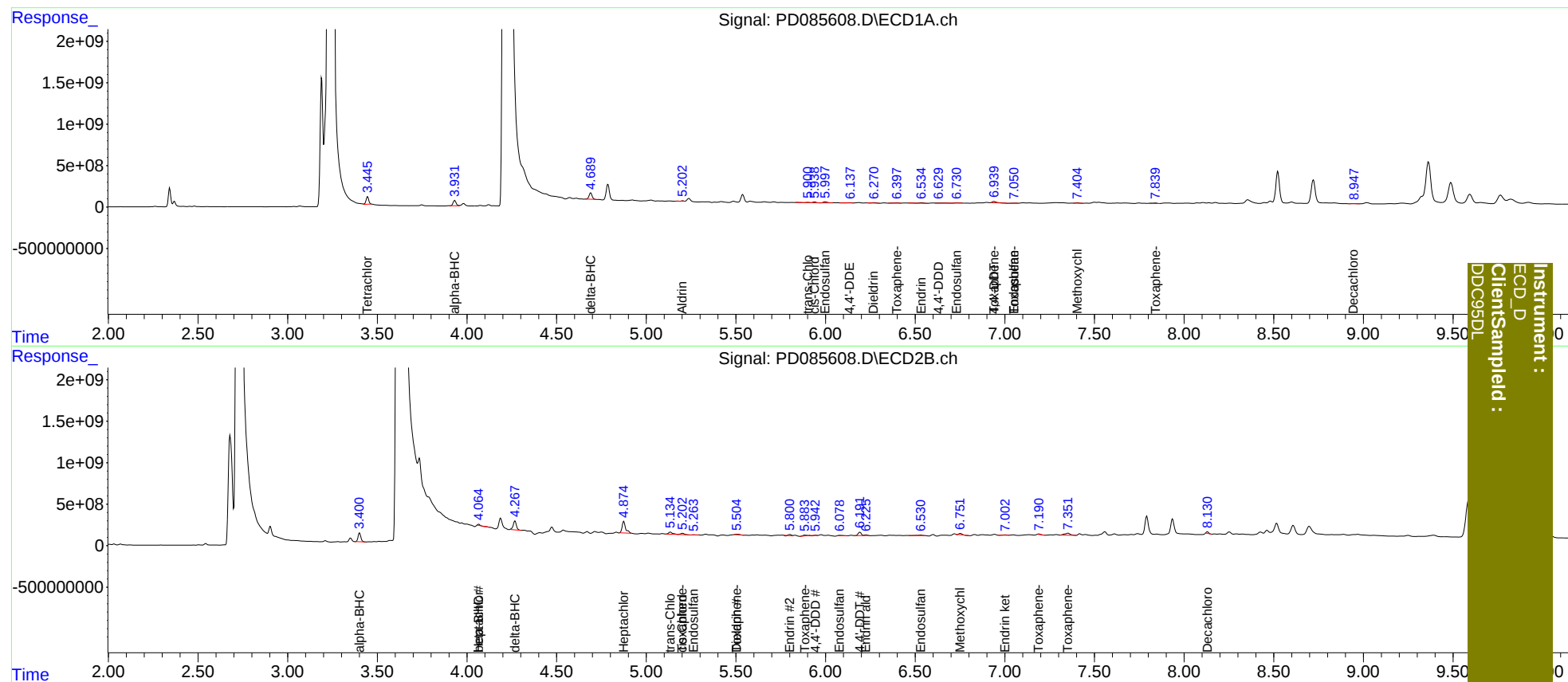
|                             | Compound        | RT#1   | RT#2   | Resp#1    | Resp#2     | ng/ml    | ng/ml       |
|-----------------------------|-----------------|--------|--------|-----------|------------|----------|-------------|
| -----                       |                 |        |        |           |            |          |             |
| System Monitoring Compounds |                 |        |        |           |            |          |             |
| 1)                          | SA Tetrachlo... | 3.446f | 2.903  | 975.8E6   | -103210706 | 805.766  | N.D. #      |
| 27)                         | SA Decachlor... | 8.945  | 8.130  | 12669016  | 169.2E6    | 7.723    | 63.274 #    |
| Target Compounds            |                 |        |        |           |            |          |             |
| 2)                          | A alpha-BHC     | 3.932  | 3.401  | 743.4E6   | 1179.6E6   | 314.650  | 213.624 #   |
| 4)                          | MA Heptachlor   | 4.868  | 4.066f | -3517439  | 108.4E6    | N.D.     | 22.828      |
| 6)                          | B beta-BHC      | 0.000  | 4.066f | 0         | 108.4E6    | N.D.     | 46.596      |
| 7)                          | B delta-BHC     | 4.691  | 4.268  | 893.9E6   | 1338.4E6   | 392.114  | 254.088 #   |
| 8)                          | B Heptachlo...  | 5.660f | 4.875  | -98387704 | 1910.2E6   | N.D.     | 411.480     |
| 9)                          | A Endosulfan I  | 5.999  | 5.265  | 189.1E6   | 14812890   | 106.680  | 3.605 #     |
| 10)                         | B trans-Chl...  | 5.901  | 5.135  | 56739654  | 406.0E6    | 29.812   | 89.728 #    |
| 11)                         | B cis-Chlor...  | 5.939  | 5.203  | 119.6E6   | 249.4E6    | 59.663   | 53.751      |
| 12)                         | B 4,4'-DDE      | 6.136  | 5.425f | 56126798  | -60937887  | 32.108   | N.D. #      |
| 13)                         | MA Dieldrin     | 6.271  | 5.504  | 79712345  | 111.9E6    | 41.232   | 24.036 #    |
| 14)                         | MA Endrin       | 6.535f | 5.801  | 104.4E6   | 125.4E6    | 64.914   | 30.236 #    |
| 15)                         | B Endosulfa...  | 6.732  | 6.080  | 52096616  | 89060070   | 28.413   | 24.069      |
| 16)                         | A 4,4'-DDD      | 6.634  | 5.944  | 130.7E6   | 3081665    | 99.181   | 0.920 #     |
| 17)                         | MA 4,4'-DDT     | 6.941  | 6.192  | 271.6E6   | 505.9E6    | 222.805  | 159.719 #   |
| 18)                         | B Endrin al...  | 6.859  | 6.226f | -14600464 | 89560387   | N.D.     | 32.389      |
| 19)                         | B Endosulfa...  | 7.053  | 6.532  | 46526869  | 105.8E6    | 30.817   | 30.819      |
| 20)                         | A Methoxychlor  | 7.405  | 6.752  | 57712554  | 136.5E6    | 78.880   | 84.082      |
| 21)                         | B Endrin ke...  | 0.000  | 7.003  | 0         | 71658166   | N.D.     | 15.428      |
| 23)                         | Toxaphene-2     | 6.398  | 5.504  | 69343928  | 111.9E6    | 3969.330 | 4602.389    |
| 24)                         | Toxaphene-3     | 6.941f | 5.885  | 271.6E6   | 143.9E6    | 6371.992 | 6070.725    |
| 25)                         | Toxaphene-4     | 7.053  | 7.190f | 46526869  | 34945956   | 1475.436 | 691.726 #   |
| 26)                         | Toxaphene-5     | 7.840  | 7.353  | 137.4E6   | 558.5E6    | 5967.261 | 17702.344 # |
| -----                       |                 |        |        |           |            |          |             |

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

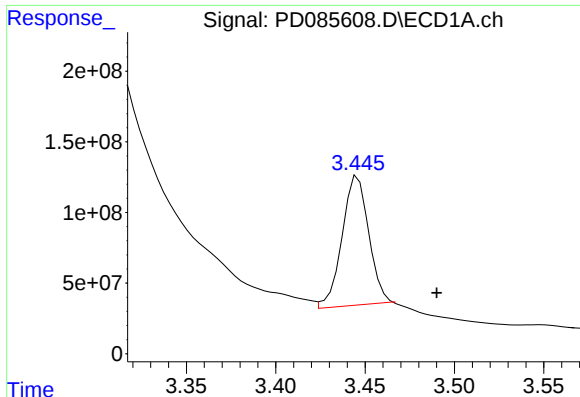
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092424\  
Data File : PD085608.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2024 12:33  
Operator : AR\AJ  
Sample : P4017-13DL 2X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 05:13:13 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091924CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 20 05:48:22 2024  
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



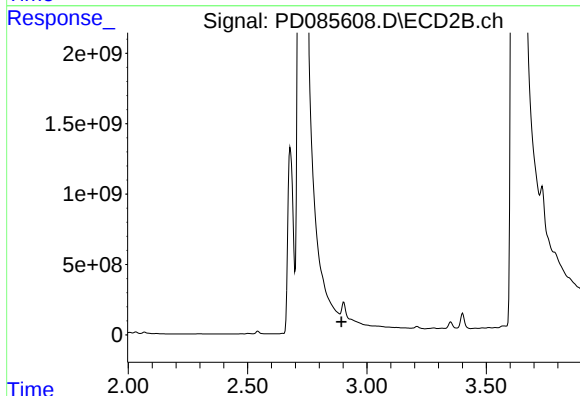
Instrument :  
ECD\_D  
ClientSampled :  
DDC95DL



#1 Tetrachloro-m-xylene

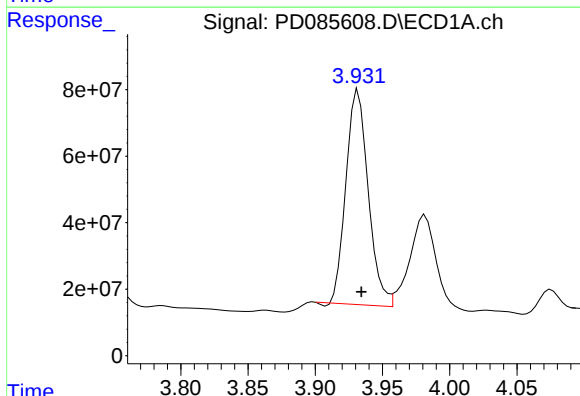
R.T.: 3.446 min  
Delta R.T.: -0.044 min  
Response: 975766429  
Conc: 805.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC95DL



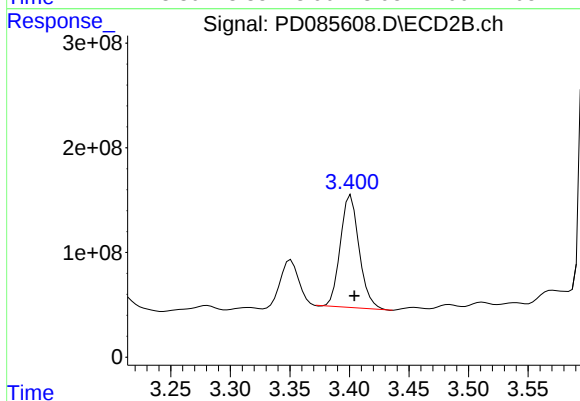
#1 Tetrachloro-m-xylene

R.T.: 2.903 min  
Delta R.T.: 0.009 min  
Response: -103210706  
Conc: N.D.



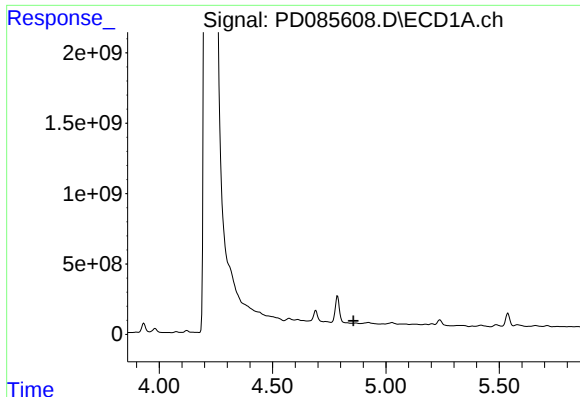
#2 alpha-BHC

R.T.: 3.932 min  
Delta R.T.: -0.002 min  
Response: 743424279  
Conc: 314.65 ng/ml



#2 alpha-BHC

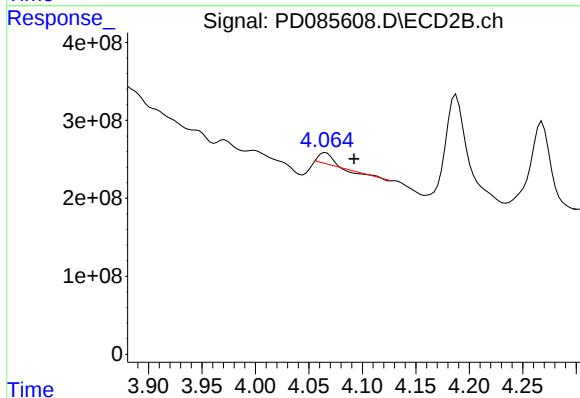
R.T.: 3.401 min  
Delta R.T.: -0.003 min  
Response: 1179645430  
Conc: 213.62 ng/ml



#4 Heptachlor

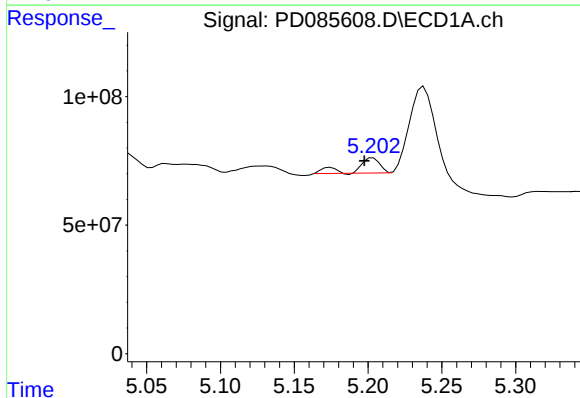
R.T.: 4.868 min  
Delta R.T.: 0.011 min  
Response: -3517439  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DDC95DL



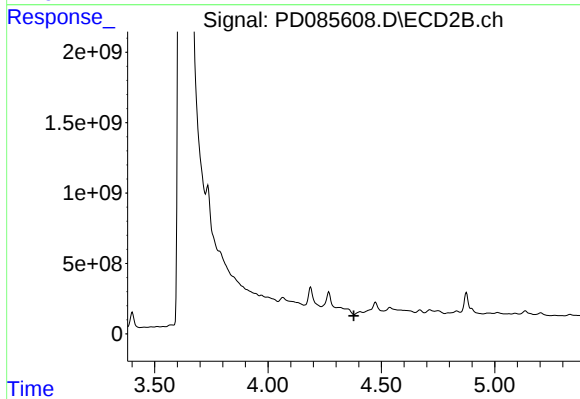
#4 Heptachlor

R.T.: 4.066 min  
Delta R.T.: -0.027 min  
Response: 108359901  
Conc: 22.83 ng/ml



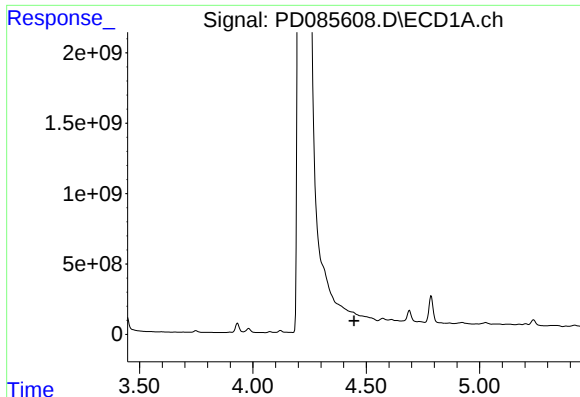
#5 Aldrin

R.T.: 5.203 min  
Delta R.T.: 0.006 min  
Response: 64755648  
Conc: 29.83 ng/ml



#5 Aldrin

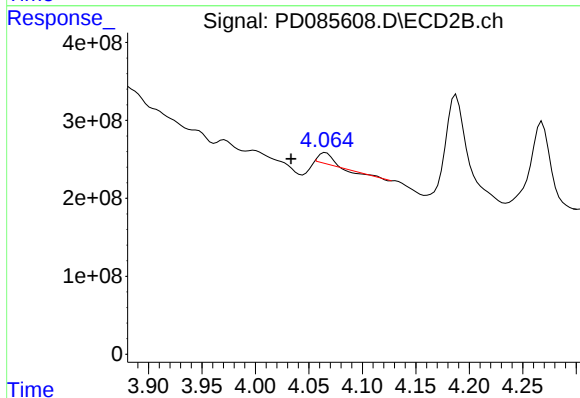
R.T.: 4.407 min  
Delta R.T.: 0.028 min  
Response: -278105356  
Conc: N.D.



#6 beta-BHC

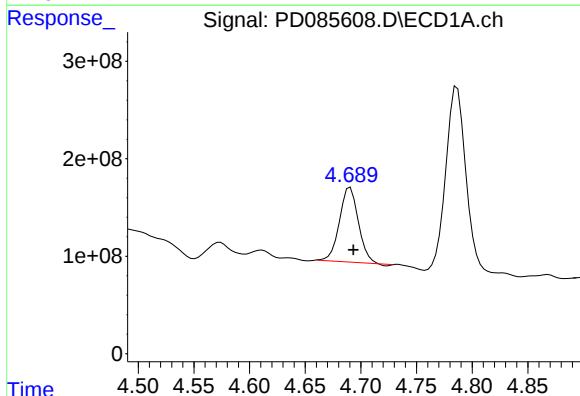
R.T.: 0.000 min  
Exp R.T.: 4.447 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DDC95DL



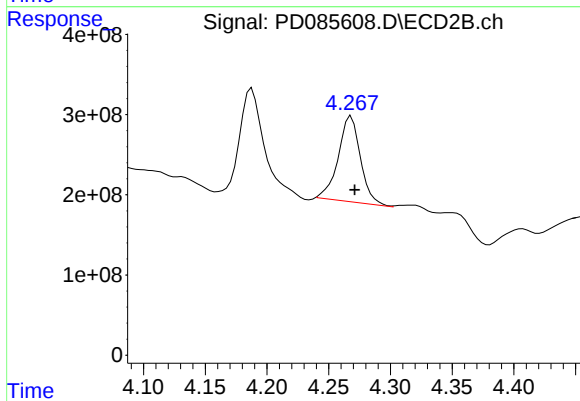
#6 beta-BHC

R.T.: 4.066 min  
Delta R.T.: 0.032 min  
Response: 108359901  
Conc: 46.60 ng/ml



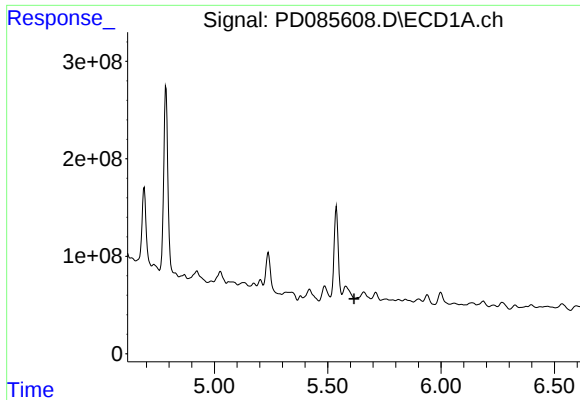
#7 delta-BHC

R.T.: 4.691 min  
Delta R.T.: -0.003 min  
Response: 893866818  
Conc: 392.11 ng/ml



#7 delta-BHC

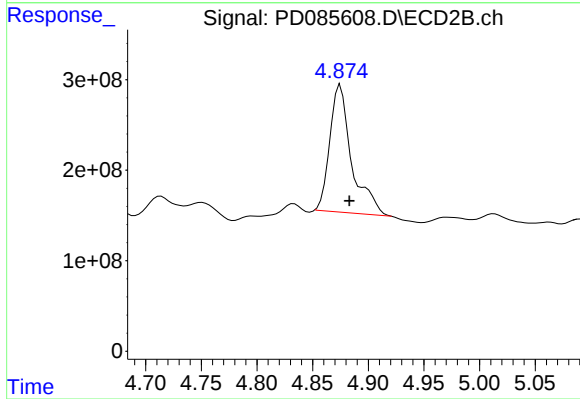
R.T.: 4.268 min  
Delta R.T.: -0.003 min  
Response: 1338430953  
Conc: 254.09 ng/ml



#8 Heptachlor epoxide

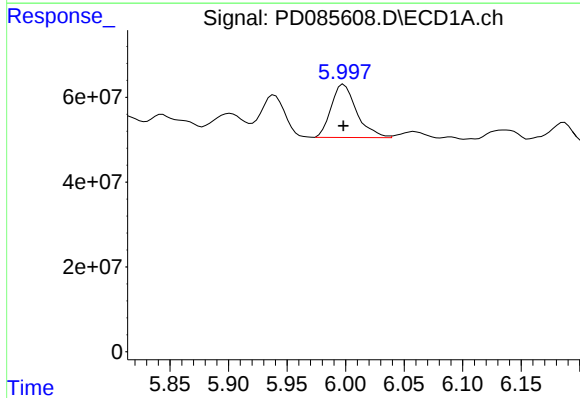
R.T.: 5.660 min  
Delta R.T.: 0.043 min  
Response: -98387704  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DDC95DL



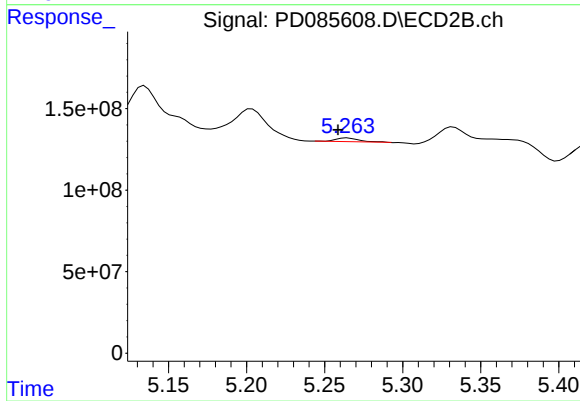
#8 Heptachlor epoxide

R.T.: 4.875 min  
Delta R.T.: -0.008 min  
Response: 1910176055  
Conc: 411.48 ng/ml



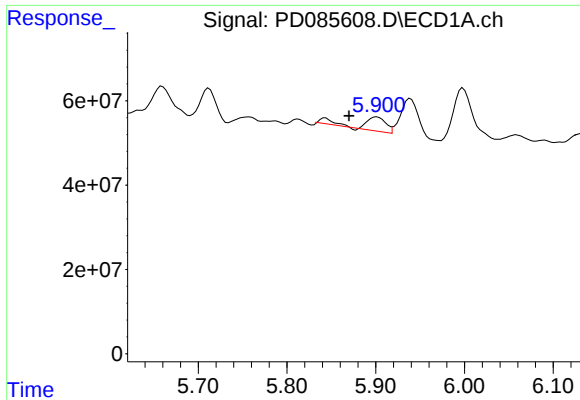
#9 Endosulfan I

R.T.: 5.999 min  
Delta R.T.: 0.000 min  
Response: 189075673  
Conc: 106.68 ng/ml



#9 Endosulfan I

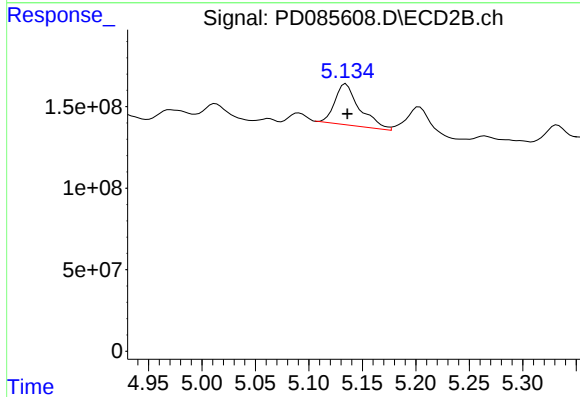
R.T.: 5.265 min  
Delta R.T.: 0.006 min  
Response: 14812890  
Conc: 3.60 ng/ml



#10 trans-Chlordane

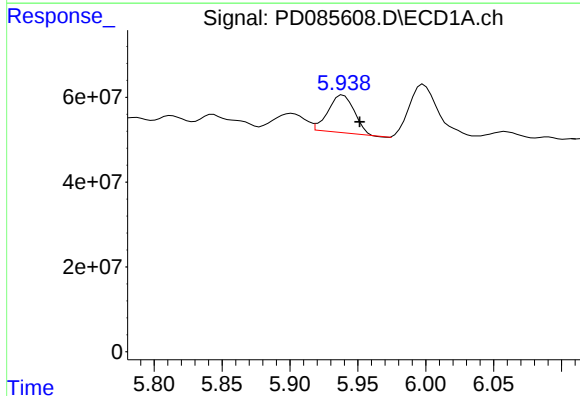
R.T.: 5.901 min  
Delta R.T.: 0.031 min  
Response: 56739654  
Conc: 29.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC95DL



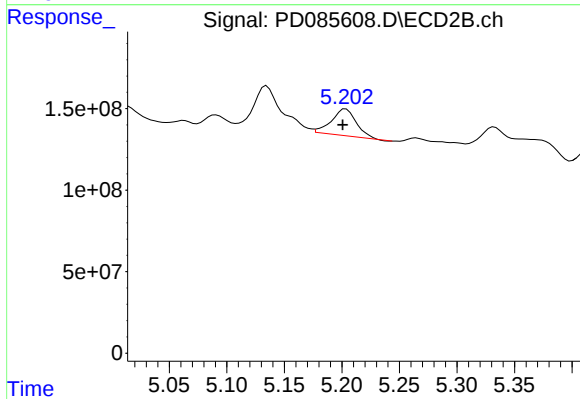
#10 trans-Chlordane

R.T.: 5.135 min  
Delta R.T.: -0.001 min  
Response: 406031394  
Conc: 89.73 ng/ml



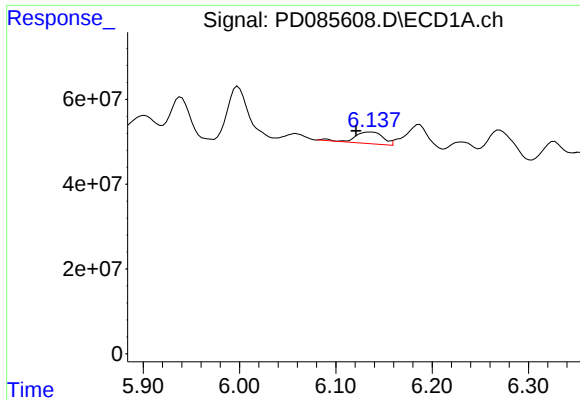
#11 cis-Chlordane

R.T.: 5.939 min  
Delta R.T.: -0.012 min  
Response: 119605817  
Conc: 59.66 ng/ml



#11 cis-Chlordane

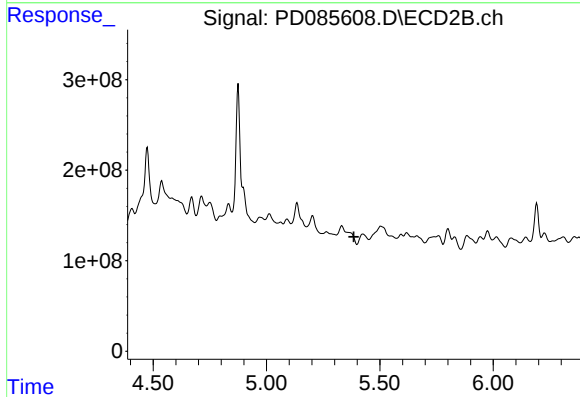
R.T.: 5.203 min  
Delta R.T.: 0.003 min  
Response: 249354281  
Conc: 53.75 ng/ml



#12 4,4'-DDE

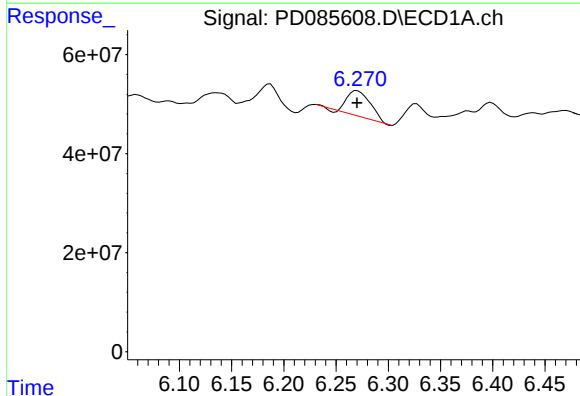
R.T.: 6.136 min  
Delta R.T.: 0.015 min  
Response: 56126798  
Conc: 32.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC95DL



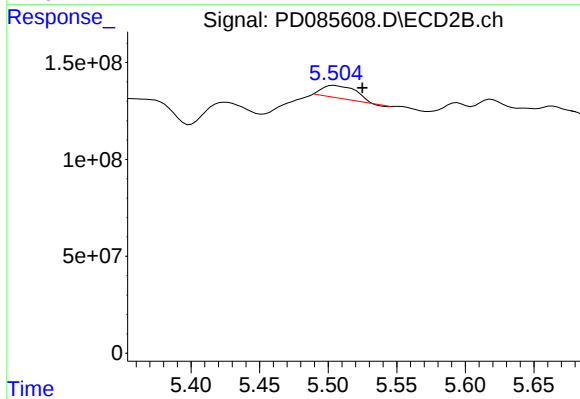
#12 4,4'-DDE

R.T.: 5.425 min  
Delta R.T.: 0.040 min  
Response: -60937887  
Conc: N.D.



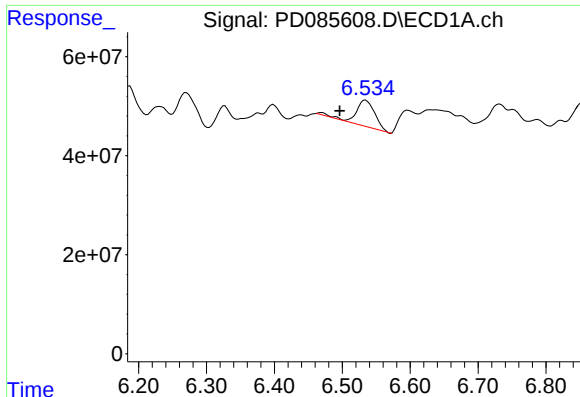
#13 Dieldrin

R.T.: 6.271 min  
Delta R.T.: 0.000 min  
Response: 79712345  
Conc: 41.23 ng/ml



#13 Dieldrin

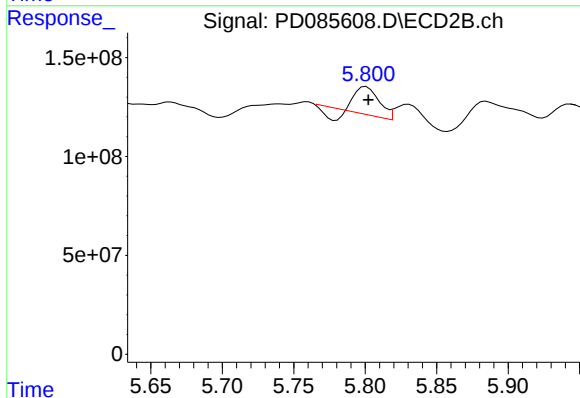
R.T.: 5.504 min  
Delta R.T.: -0.021 min  
Response: 111888062  
Conc: 24.04 ng/ml



#14 Endrin

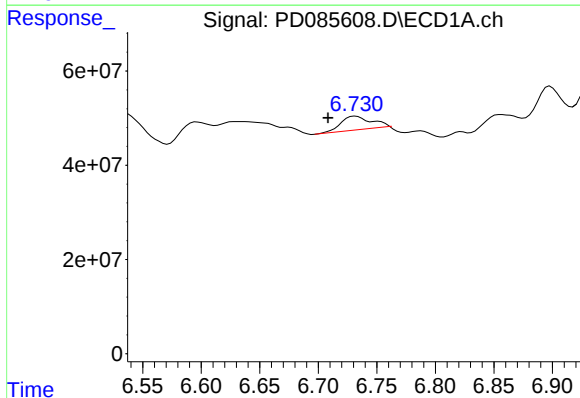
R.T.: 6.535 min  
Delta R.T.: 0.038 min  
Response: 104368909  
Conc: 64.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC95DL



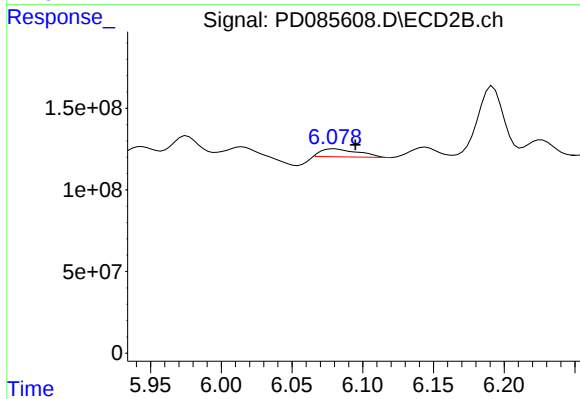
#14 Endrin

R.T.: 5.801 min  
Delta R.T.: -0.002 min  
Response: 125410067  
Conc: 30.24 ng/ml



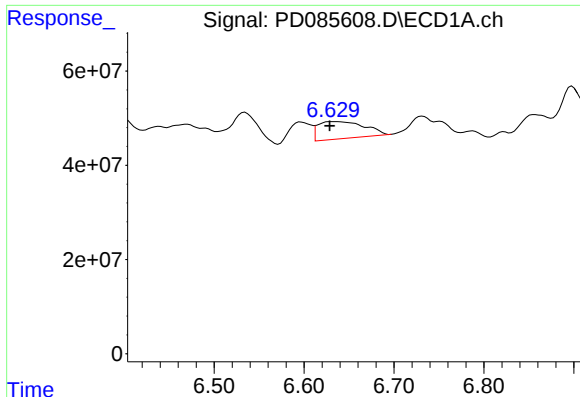
#15 Endosulfan II

R.T.: 6.732 min  
Delta R.T.: 0.024 min  
Response: 52096616  
Conc: 28.41 ng/ml



#15 Endosulfan II

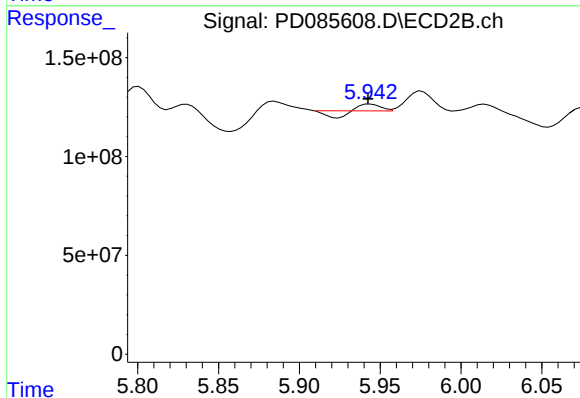
R.T.: 6.080 min  
Delta R.T.: -0.015 min  
Response: 89060070  
Conc: 24.07 ng/ml



#16 4,4'-DDD

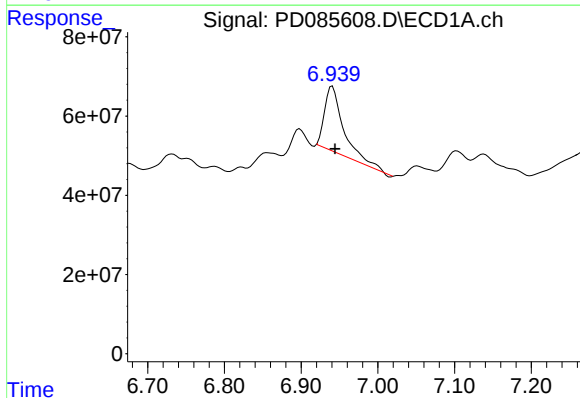
R.T.: 6.634 min  
Delta R.T.: 0.005 min  
Response: 130675636  
Conc: 99.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC95DL



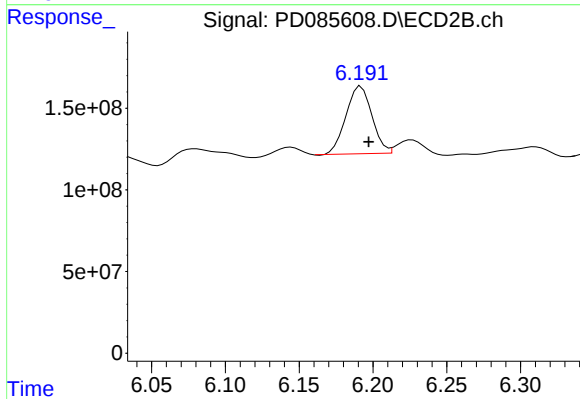
#16 4,4'-DDD

R.T.: 5.944 min  
Delta R.T.: 0.002 min  
Response: 3081665  
Conc: 0.92 ng/ml



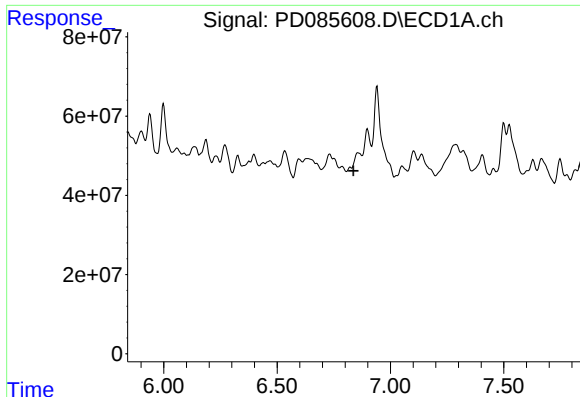
#17 4,4'-DDT

R.T.: 6.941 min  
Delta R.T.: -0.003 min  
Response: 271603285  
Conc: 222.81 ng/ml



#17 4,4'-DDT

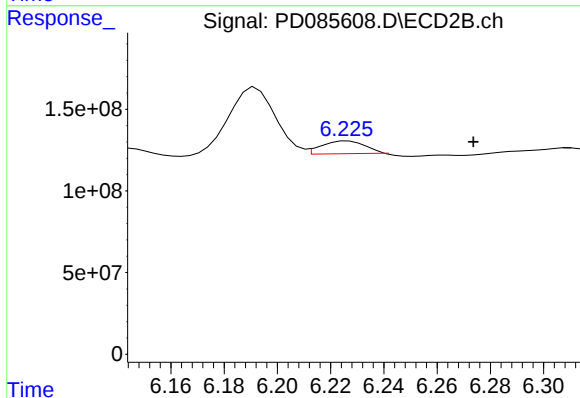
R.T.: 6.192 min  
Delta R.T.: -0.005 min  
Response: 505895674  
Conc: 159.72 ng/ml



#18 Endrin aldehyde

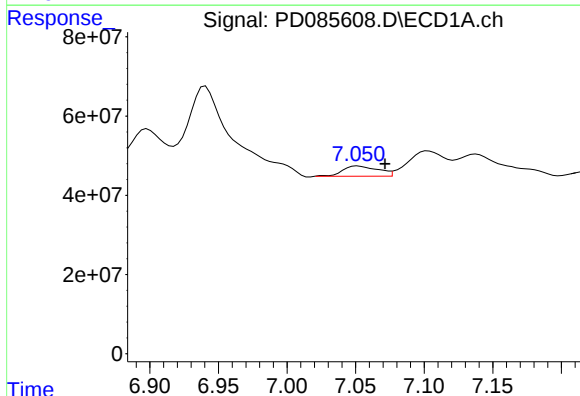
R.T.: 6.859 min  
Delta R.T.: 0.022 min  
Response: -14600464  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DDC95DL



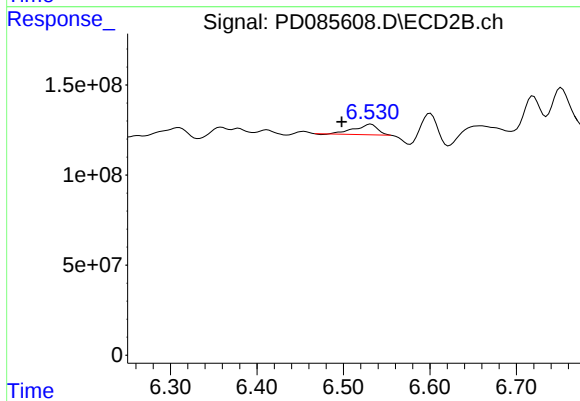
#18 Endrin aldehyde

R.T.: 6.226 min  
Delta R.T.: -0.047 min  
Response: 89560387  
Conc: 32.39 ng/ml



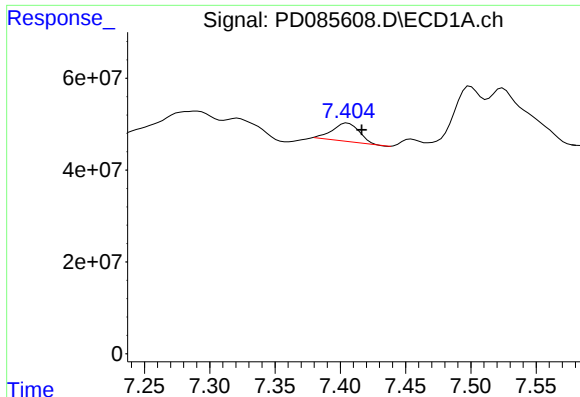
#19 Endosulfan Sulfate

R.T.: 7.053 min  
Delta R.T.: -0.019 min  
Response: 46526869  
Conc: 30.82 ng/ml



#19 Endosulfan Sulfate

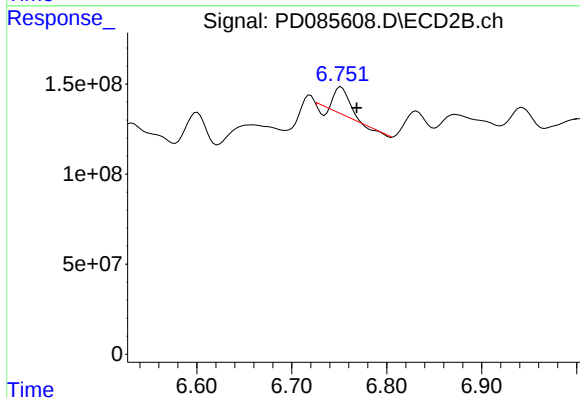
R.T.: 6.532 min  
Delta R.T.: 0.034 min  
Response: 105849616  
Conc: 30.82 ng/ml



#20 Methoxychlor

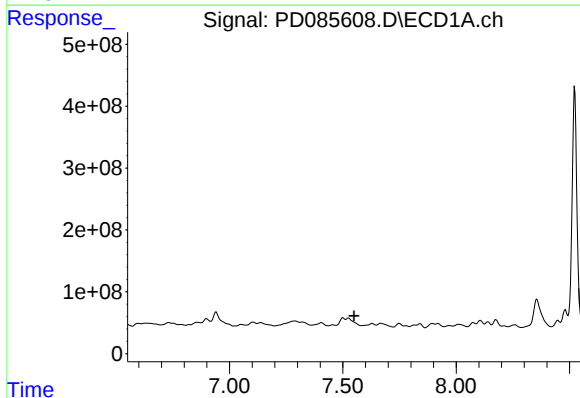
R.T.: 7.405 min  
Delta R.T.: -0.011 min  
Response: 57712554  
Conc: 78.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC95DL



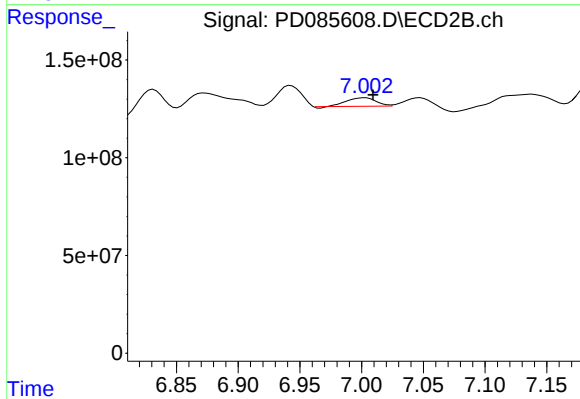
#20 Methoxychlor

R.T.: 6.752 min  
Delta R.T.: -0.017 min  
Response: 136459546  
Conc: 84.08 ng/ml



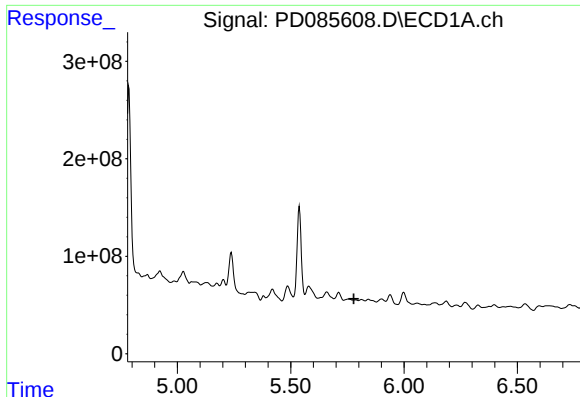
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.550 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

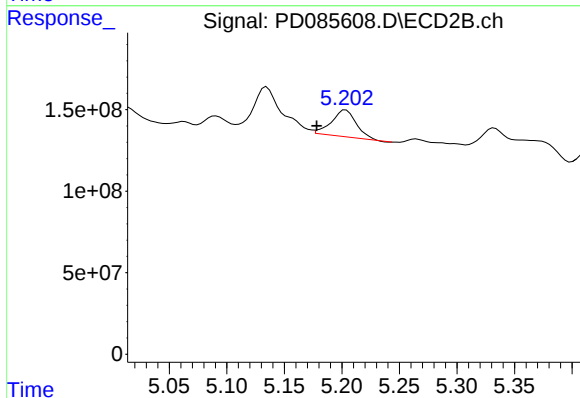
R.T.: 7.003 min  
Delta R.T.: -0.006 min  
Response: 71658166  
Conc: 15.43 ng/ml



#22 Toxaphene-1

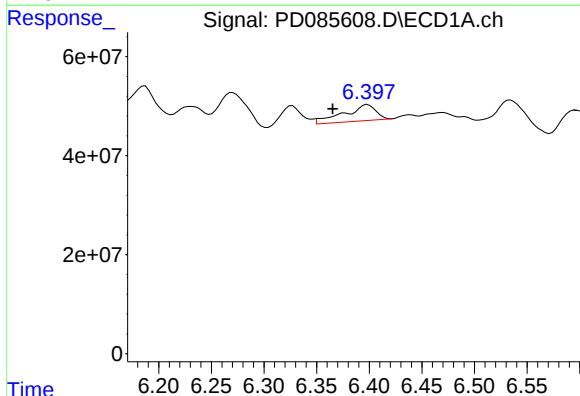
R.T.: 5.757 min  
Delta R.T.: -0.021 min  
Response: -79911941  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DDC95DL



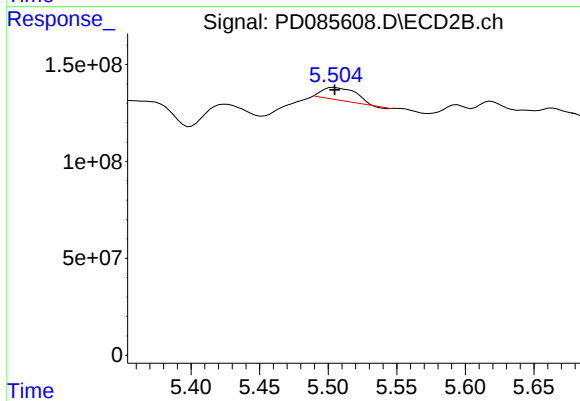
#22 Toxaphene-1

R.T.: 5.203 min  
Delta R.T.: 0.025 min  
Response: 249354281  
Conc: 10101.77 ng/ml



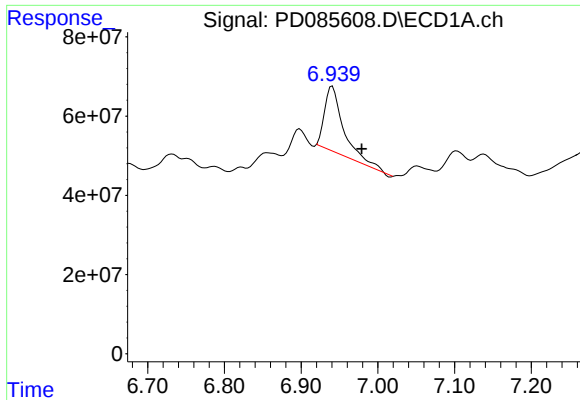
#23 Toxaphene-2

R.T.: 6.398 min  
Delta R.T.: 0.033 min  
Response: 69343928  
Conc: 3969.33 ng/ml



#23 Toxaphene-2

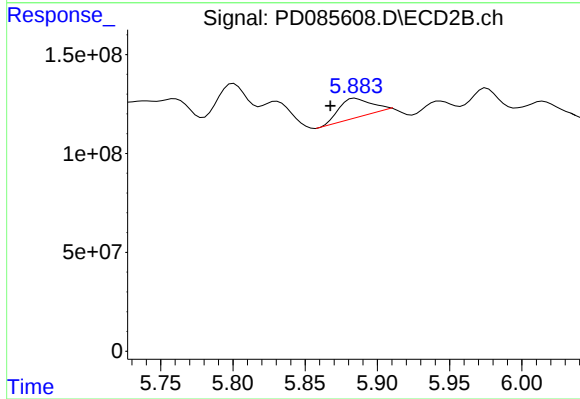
R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 111888062  
Conc: 4602.39 ng/ml



#24 Toxaphene-3

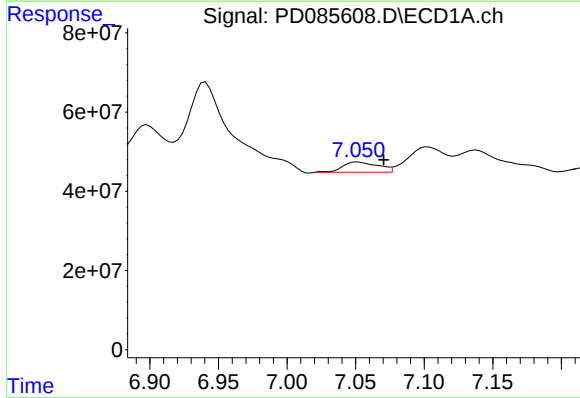
R.T.: 6.941 min  
Delta R.T.: -0.038 min  
Response: 271603285  
Conc: 6371.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC95DL



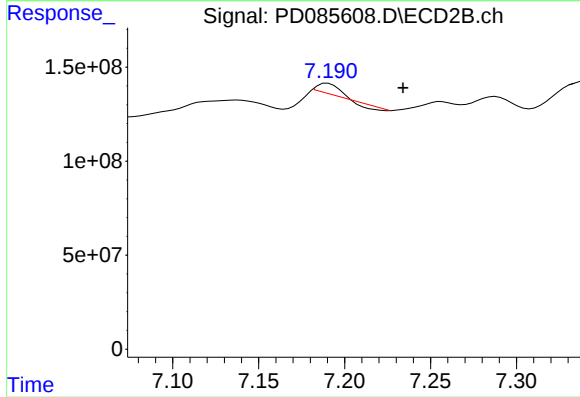
#24 Toxaphene-3

R.T.: 5.885 min  
Delta R.T.: 0.017 min  
Response: 143919430  
Conc: 6070.73 ng/ml



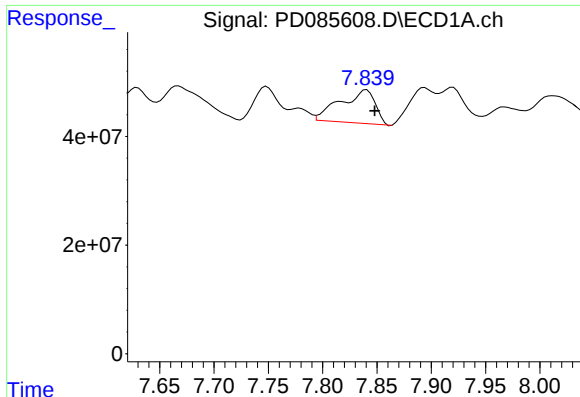
#25 Toxaphene-4

R.T.: 7.053 min  
Delta R.T.: -0.018 min  
Response: 46526869  
Conc: 1475.44 ng/ml



#25 Toxaphene-4

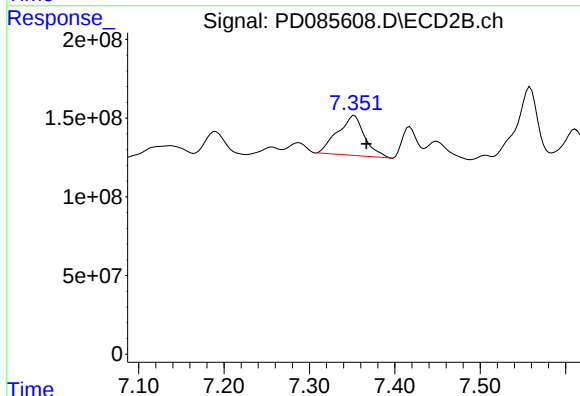
R.T.: 7.190 min  
Delta R.T.: -0.044 min  
Response: 34945956  
Conc: 691.73 ng/ml



#26 Toxaphene-5

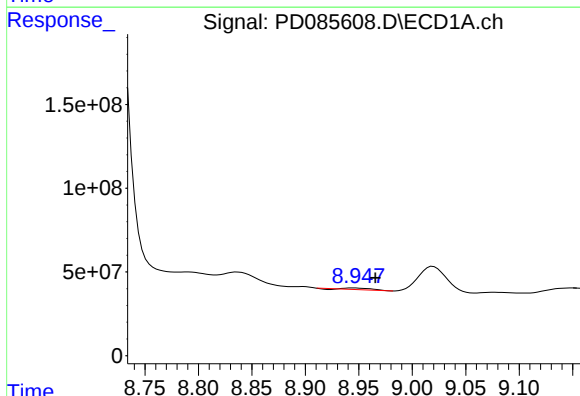
R.T.: 7.840 min  
Delta R.T.: -0.008 min  
Response: 137426658  
Conc: 5967.26 ng/m

Instrument :  
ECD\_D  
ClientSampleId :  
DDC95DL



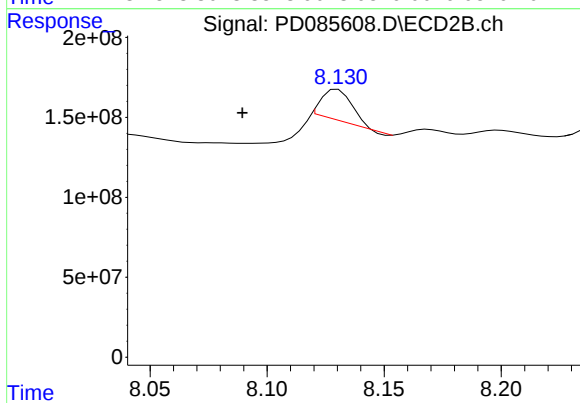
#26 Toxaphene-5

R.T.: 7.353 min  
Delta R.T.: -0.014 min  
Response: 558518420  
Conc: 17702.34 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.945 min  
Delta R.T.: -0.020 min  
Response: 12669016  
Conc: 7.72 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.130 min  
Delta R.T.: 0.041 min  
Response: 169150550  
Conc: 63.27 ng/ml