

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092424\  
 Data File : PD085610.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2024 13:00  
 Operator : AR\AJ  
 Sample : P4017-14DL 2X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 DDC96DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 25 05:14:06 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

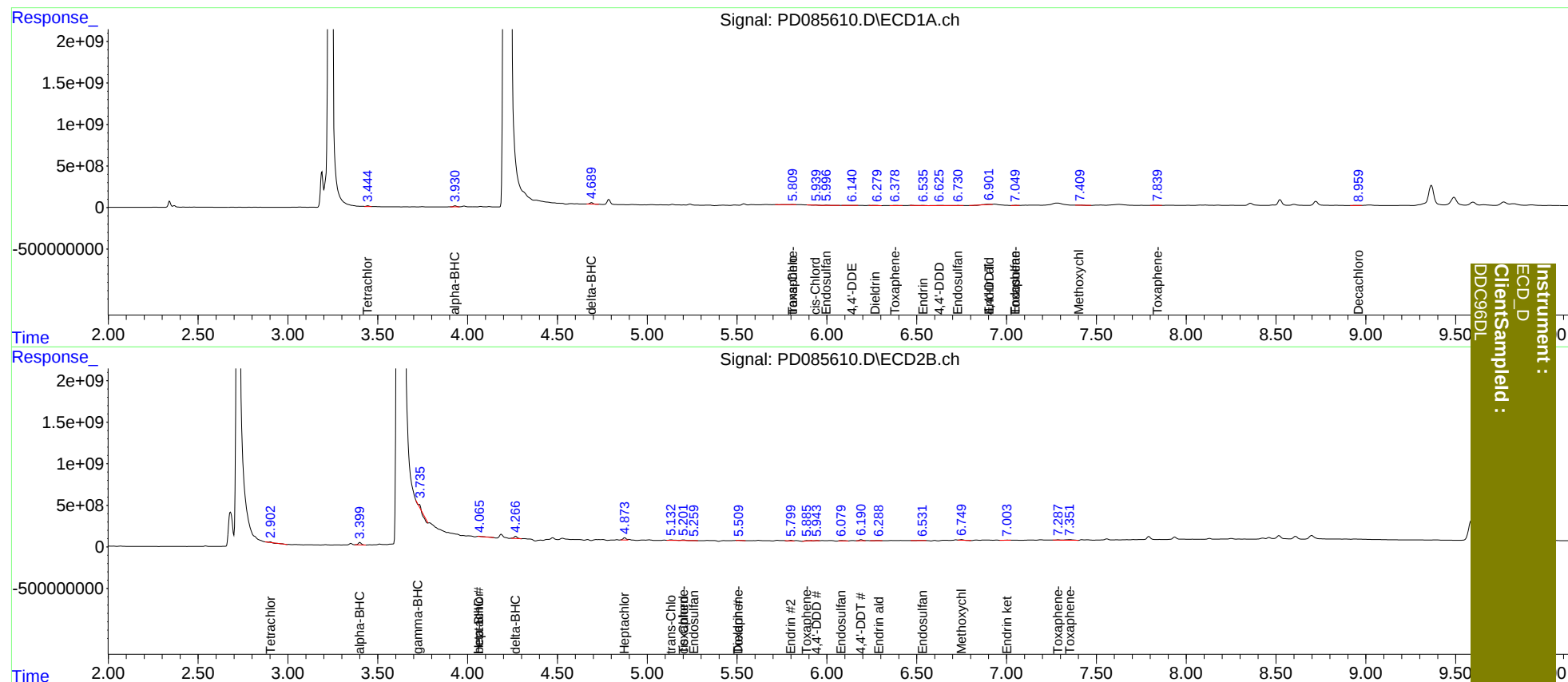
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.445f | 2.902  | 122.3E6  | 33847699 | 101.032  | 8.955 #    |
| 27)                         | SA Decachlor... | 8.961  | 8.084  | 31038011 | 100571   | 18.920   | <MDL #     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.931  | 3.401  | 150.3E6  | 333.8E6  | 63.596   | 60.445     |
| 3)                          | MA gamma-BHC... | 0.000  | 3.732  | 0        | 12133295 | N.D.     | 2.328      |
| 4)                          | MA Heptachlor   | 4.862  | 4.063f | -3643555 | 69238825 | N.D.     | 14.586     |
| 6)                          | B beta-BHC      | 0.000  | 4.063f | 0        | 69238825 | N.D.     | 29.774     |
| 7)                          | B delta-BHC     | 4.690  | 4.268  | 202.2E6  | 323.6E6  | 88.700   | 61.439 #   |
| 8)                          | B Heptachlo...  | 5.661f | 4.875  | -744822  | 325.8E6  | N.D.     | 70.182     |
| 9)                          | A Endosulfan I  | 5.998  | 5.259  | 44651632 | 19121365 | 25.193   | 4.653 #    |
| 10)                         | B trans-Chl...  | 5.808f | 5.133  | 11898200 | 115.2E6  | 6.252    | 25.455 #   |
| 11)                         | B cis-Chlor...  | 5.938  | 5.202  | 18784412 | 111.3E6  | 9.370    | 23.982 #   |
| 13)                         | MA Dieldrin     | 6.271  | 5.508  | 37878802 | 41338900 | 19.593   | 8.880 #    |
| 14)                         | MA Endrin       | 6.535f | 5.800  | 10634100 | 61432762 | 6.614    | 14.811 #   |
| 15)                         | B Endosulfa...  | 6.732  | 6.079  | 11800888 | 76609089 | 6.436    | 20.704 #   |
| 16)                         | A 4,4'-DDD      | 6.628  | 5.944  | 86368347 | 2735741  | 65.552   | 0.817 #    |
| 17)                         | MA 4,4'-DDT     | 6.900f | 6.191  | 22765583 | 160.9E6  | 18.675   | 50.795 #   |
| 18)                         | B Endrin al...  | 6.900f | 6.289  | 22765583 | 31528291 | 19.222   | 11.402 #   |
| 19)                         | B Endosulfa...  | 7.053  | 6.532  | 23574717 | 35043552 | 15.615   | 10.203 #   |
| 20)                         | A Methoxychlor  | 7.402  | 6.751  | 19659710 | 82668725 | 26.870   | 50.938 #   |
| 21)                         | B Endrin ke...  | 0.000  | 7.004  | 0        | 12160413 | N.D.     | 2.618      |
| 22)                         | Toxaphene-1     | 5.808  | 5.202  | 11898200 | 111.3E6  | 2428.091 | 4507.203 # |
| 23)                         | Toxaphene-2     | 6.380  | 5.508  | 44021635 | 41338900 | 2519.851 | 1700.429 # |
| 24)                         | Toxaphene-3     | 0.000  | 5.888  | 0        | 76835816 | N.D.     | 3241.044   |
| 25)                         | Toxaphene-4     | 7.053  | 7.288f | 23574717 | 57858194 | 747.589  | 1145.255 # |
| 26)                         | Toxaphene-5     | 7.840  | 7.352  | 47380075 | 229.3E6  | 2057.310 | 7266.293 # |
| -----                       |                 |        |        |          |          |          |            |

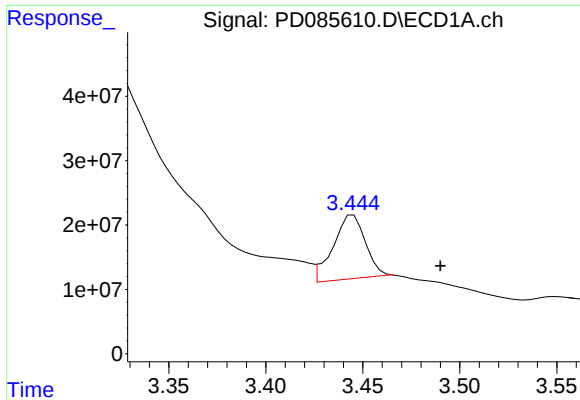
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092424\  
Data File : PD085610.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2024 13:00  
Operator : AR\AJ  
Sample : P4017-14DL 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 05:14:06 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

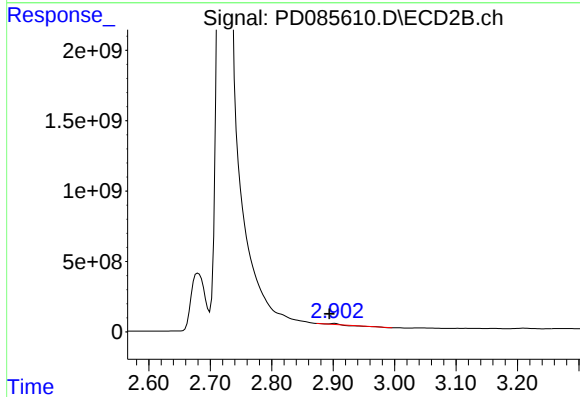




#1 Tetrachloro-m-xylene

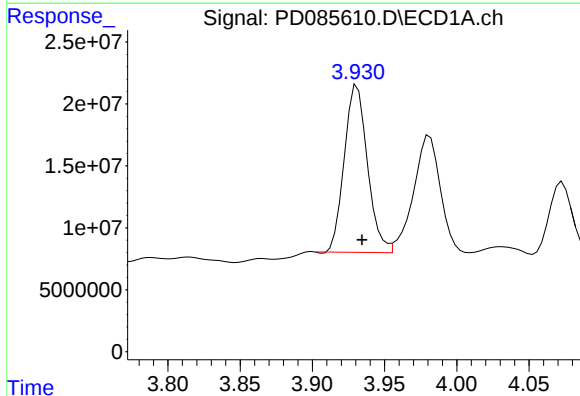
R.T.: 3.445 min  
Delta R.T.: -0.045 min  
Response: 122348209  
Conc: 101.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC96DL



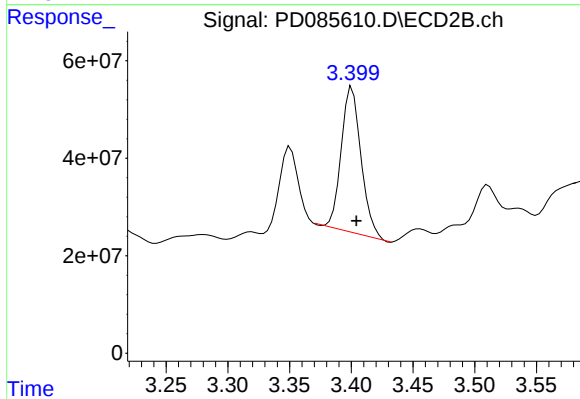
#1 Tetrachloro-m-xylene

R.T.: 2.902 min  
Delta R.T.: 0.008 min  
Response: 33847699  
Conc: 8.95 ng/ml



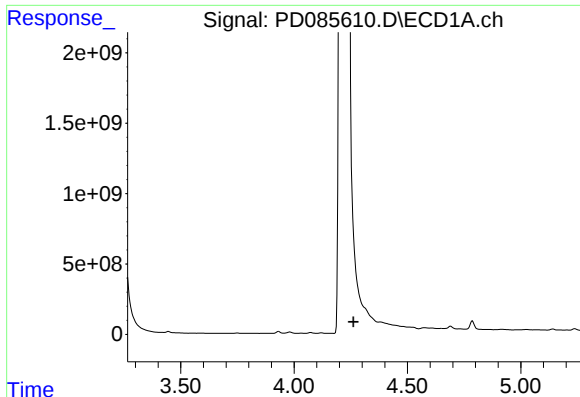
#2 alpha-BHC

R.T.: 3.931 min  
Delta R.T.: -0.003 min  
Response: 150257706  
Conc: 63.60 ng/ml



#2 alpha-BHC

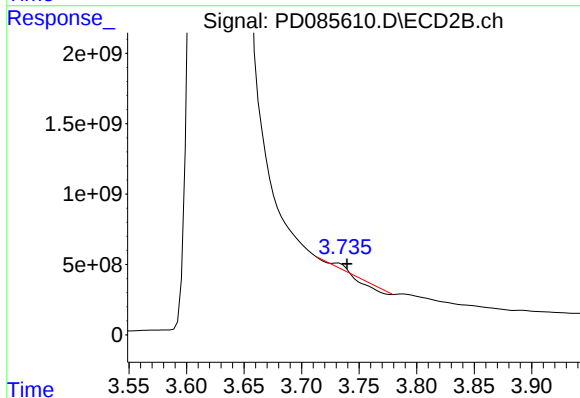
R.T.: 3.401 min  
Delta R.T.: -0.004 min  
Response: 333783283  
Conc: 60.45 ng/ml



#3 gamma-BHC (Lindane)

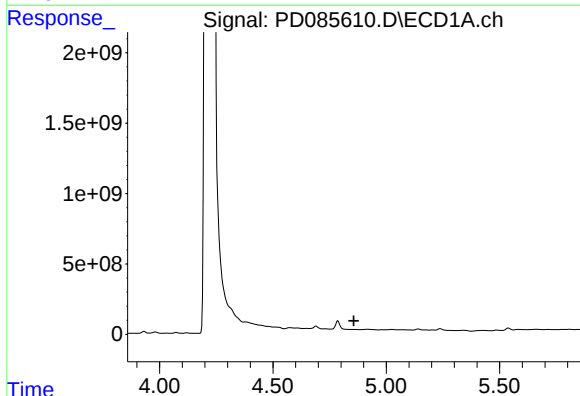
R.T.: 0.000 min  
Exp R.T.: 4.262 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DDC96DL



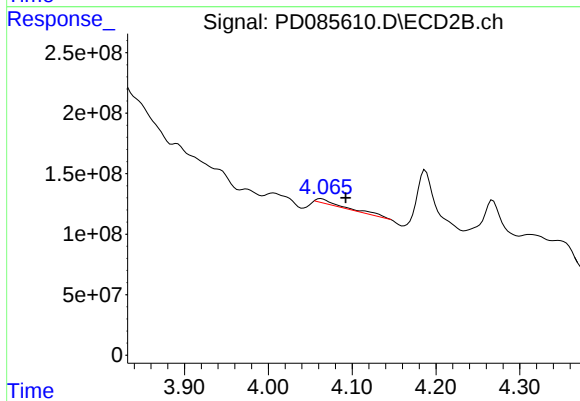
#3 gamma-BHC (Lindane)

R.T.: 3.732 min  
Delta R.T.: -0.008 min  
Response: 12133295  
Conc: 2.33 ng/ml



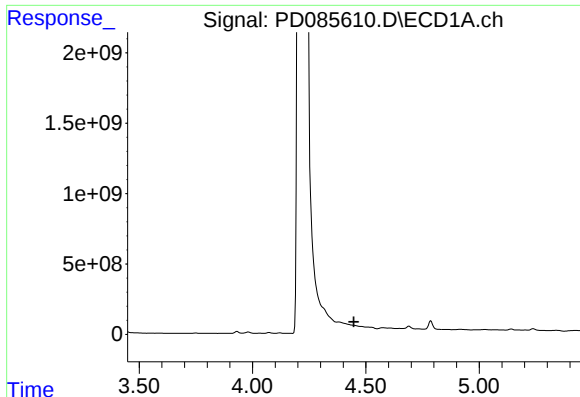
#4 Heptachlor

R.T.: 4.862 min  
Delta R.T.: 0.005 min  
Response: -3643555  
Conc: N.D.



#4 Heptachlor

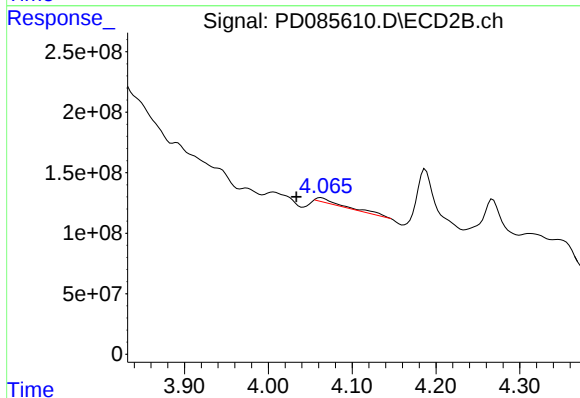
R.T.: 4.063 min  
Delta R.T.: -0.029 min  
Response: 69238825  
Conc: 14.59 ng/ml



#6 beta-BHC

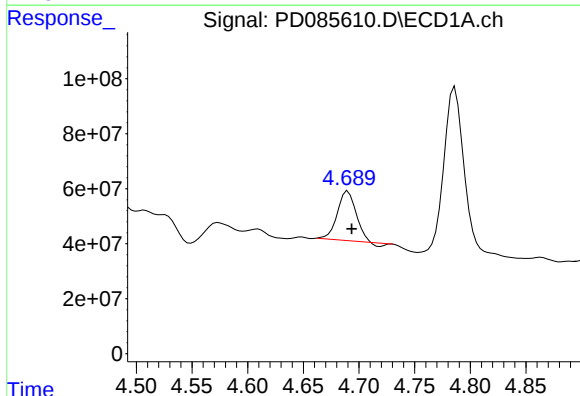
R.T.: 0.000 min  
Exp R.T.: 4.447 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DDC96DL



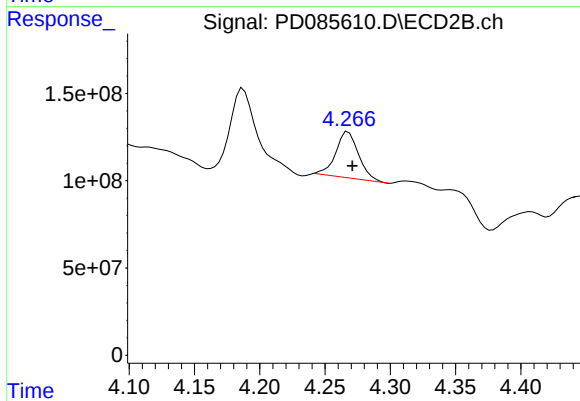
#6 beta-BHC

R.T.: 4.063 min  
Delta R.T.: 0.030 min  
Response: 69238825  
Conc: 29.77 ng/ml



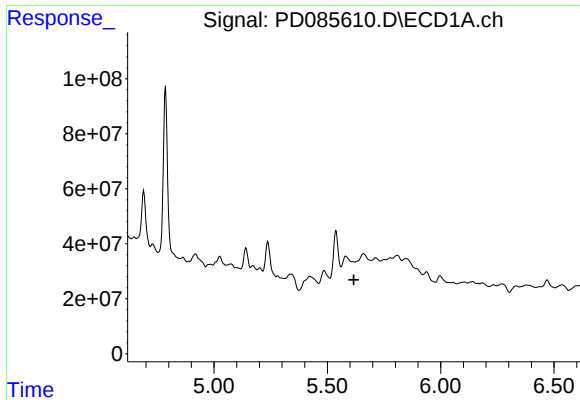
#7 delta-BHC

R.T.: 4.690 min  
Delta R.T.: -0.003 min  
Response: 202200902  
Conc: 88.70 ng/ml



#7 delta-BHC

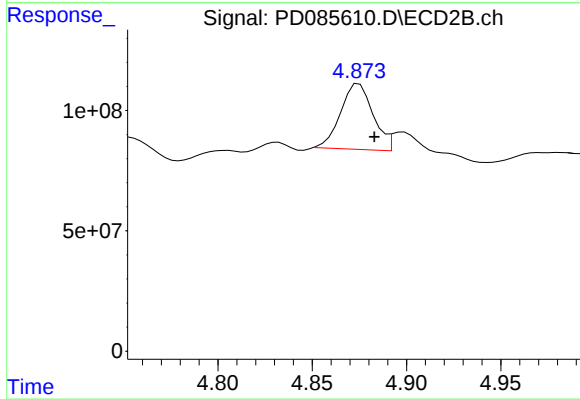
R.T.: 4.268 min  
Delta R.T.: -0.003 min  
Response: 323636219  
Conc: 61.44 ng/ml



#8 Heptachlor epoxide

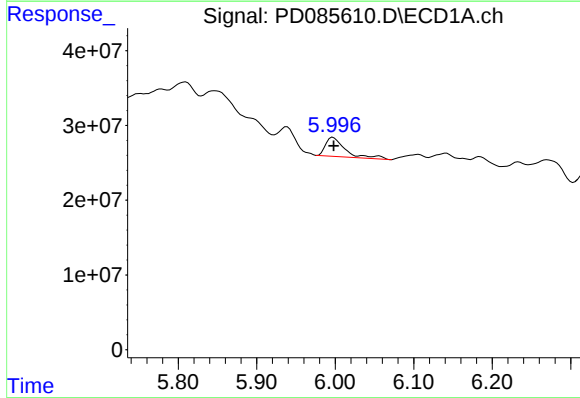
R.T.: 5.661 min  
Delta R.T.: 0.044 min  
Response: -744822  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DDC96DL



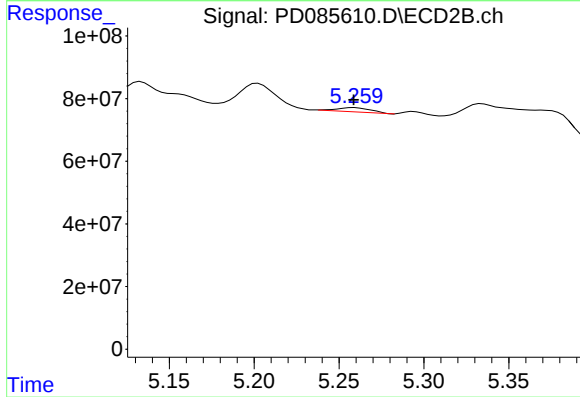
#8 Heptachlor epoxide

R.T.: 4.875 min  
Delta R.T.: -0.008 min  
Response: 325800552  
Conc: 70.18 ng/ml



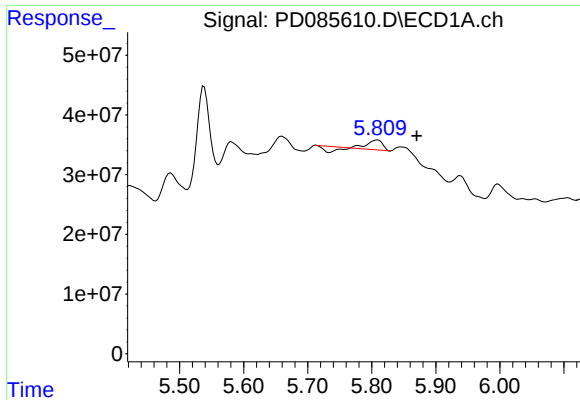
#9 Endosulfan I

R.T.: 5.998 min  
Delta R.T.: 0.000 min  
Response: 44651632  
Conc: 25.19 ng/ml



#9 Endosulfan I

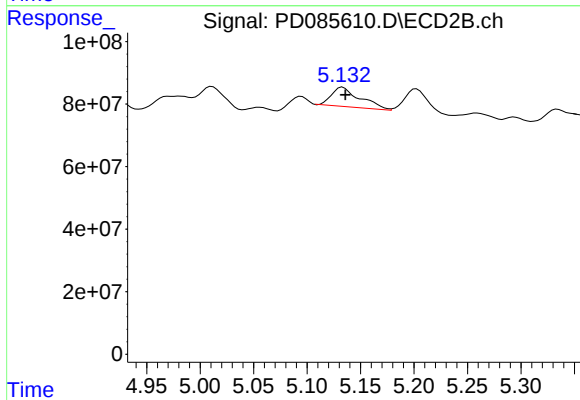
R.T.: 5.259 min  
Delta R.T.: 0.000 min  
Response: 19121365  
Conc: 4.65 ng/ml



#10 trans-Chlordane

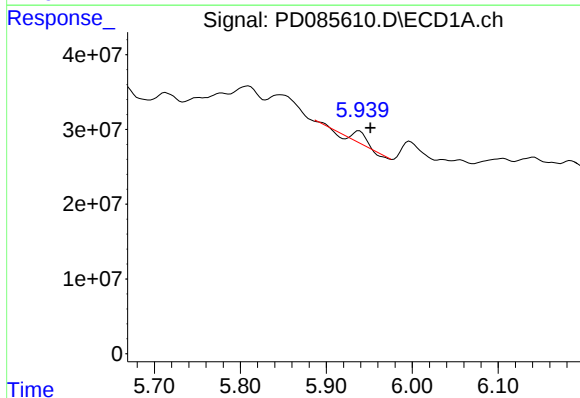
R.T.: 5.808 min  
Delta R.T.: -0.062 min  
Response: 11898200  
Conc: 6.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC96DL



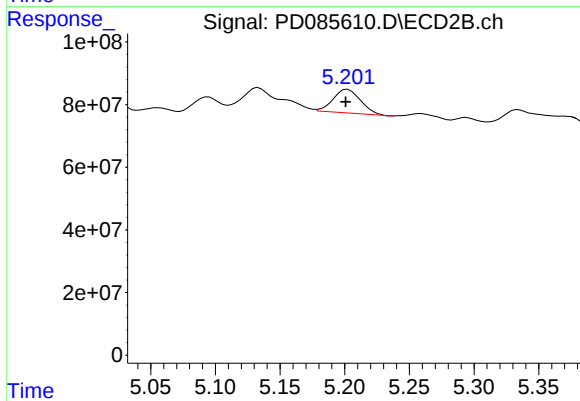
#10 trans-Chlordane

R.T.: 5.133 min  
Delta R.T.: -0.003 min  
Response: 115187783  
Conc: 25.46 ng/ml



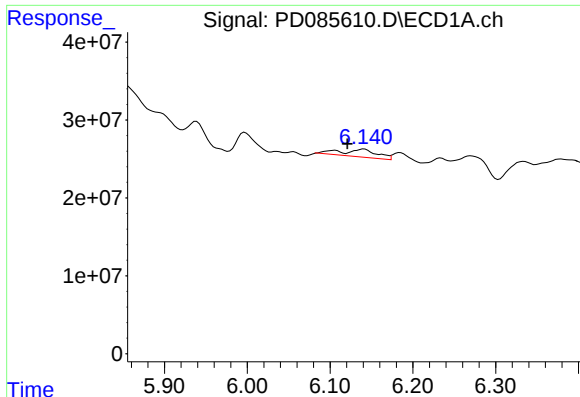
#11 cis-Chlordane

R.T.: 5.938 min  
Delta R.T.: -0.014 min  
Response: 18784412  
Conc: 9.37 ng/ml



#11 cis-Chlordane

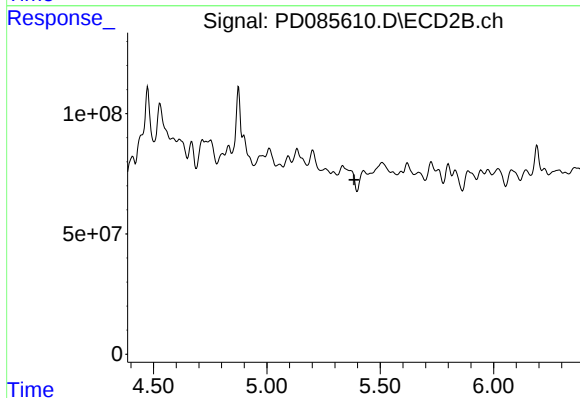
R.T.: 5.202 min  
Delta R.T.: 0.001 min  
Response: 111256733  
Conc: 23.98 ng/ml



#12 4,4'-DDE

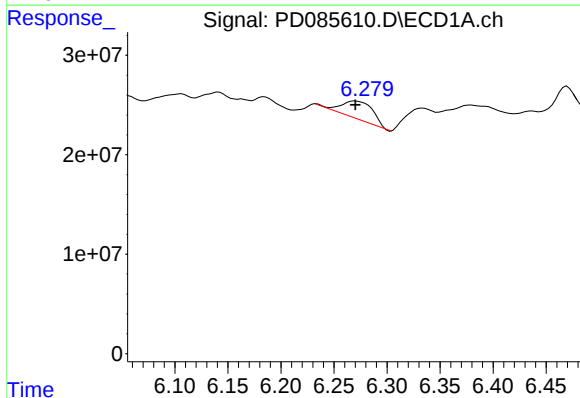
R.T.: 6.140 min  
Delta R.T.: 0.019 min  
Response: 28934193  
Conc: 16.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC96DL



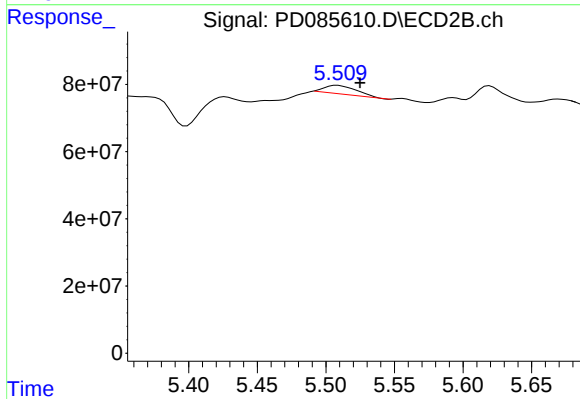
#12 4,4'-DDE

R.T.: 5.427 min  
Delta R.T.: 0.041 min  
Response: -90643742  
Conc: N.D.



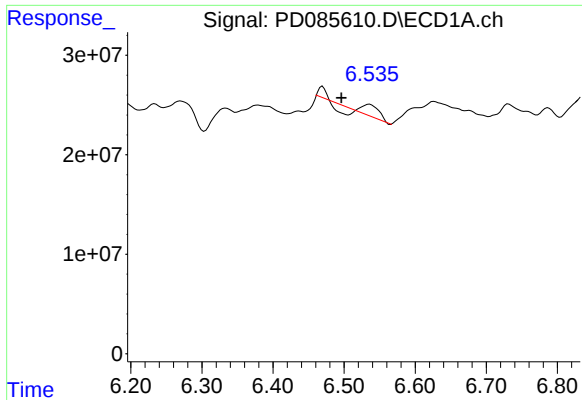
#13 Dieldrin

R.T.: 6.271 min  
Delta R.T.: 0.000 min  
Response: 37878802  
Conc: 19.59 ng/ml



#13 Dieldrin

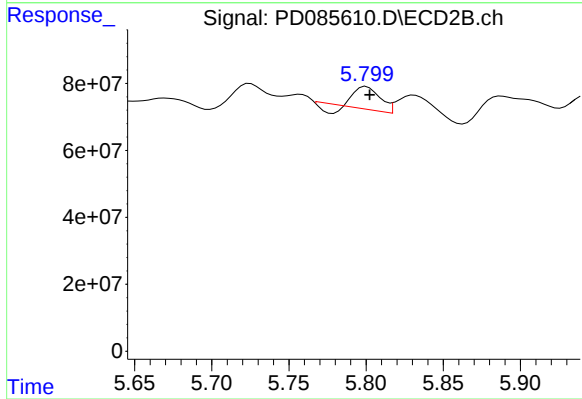
R.T.: 5.508 min  
Delta R.T.: -0.016 min  
Response: 41338900  
Conc: 8.88 ng/ml



#14 Endrin

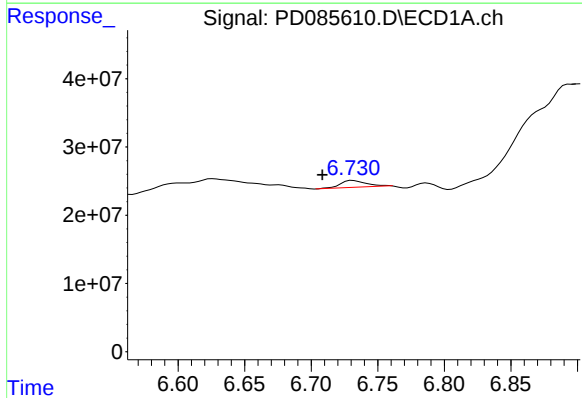
R.T.: 6.535 min  
Delta R.T.: 0.039 min  
Response: 10634100  
Conc: 6.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC96DL



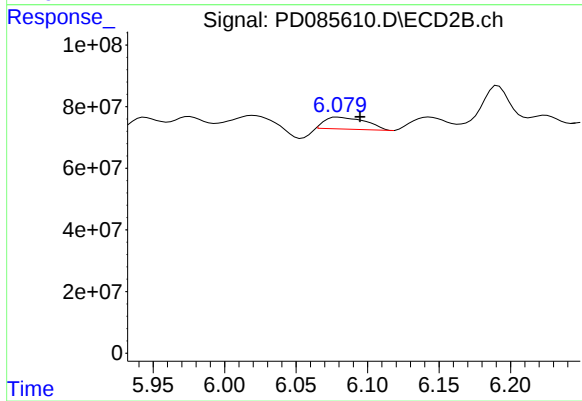
#14 Endrin

R.T.: 5.800 min  
Delta R.T.: -0.002 min  
Response: 61432762  
Conc: 14.81 ng/ml



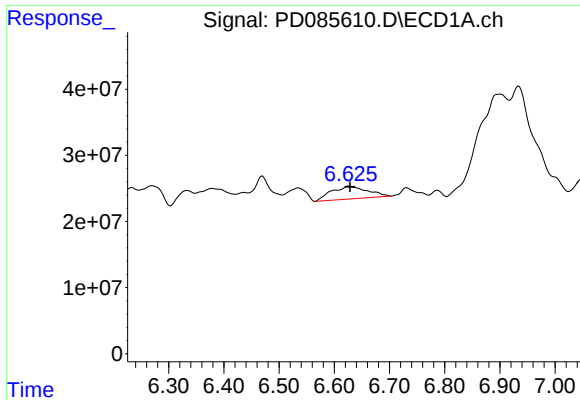
#15 Endosulfan II

R.T.: 6.732 min  
Delta R.T.: 0.024 min  
Response: 11800888  
Conc: 6.44 ng/ml



#15 Endosulfan II

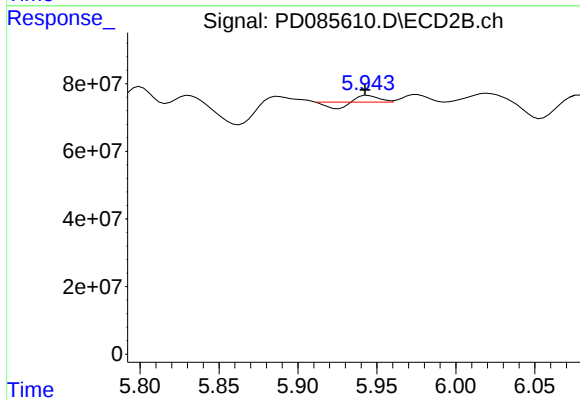
R.T.: 6.079 min  
Delta R.T.: -0.016 min  
Response: 76609089  
Conc: 20.70 ng/ml



#16 4,4'-DDD

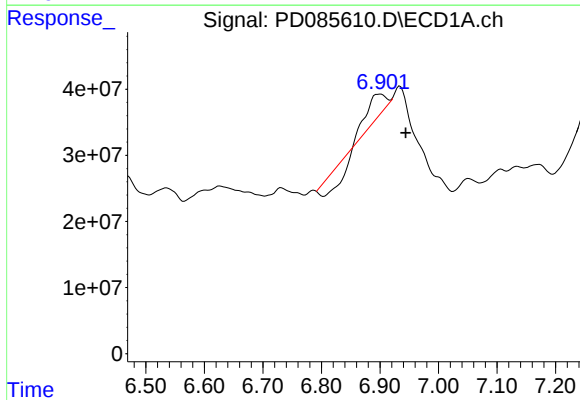
R.T.: 6.628 min  
Delta R.T.: 0.000 min  
Response: 86368347  
Conc: 65.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC96DL



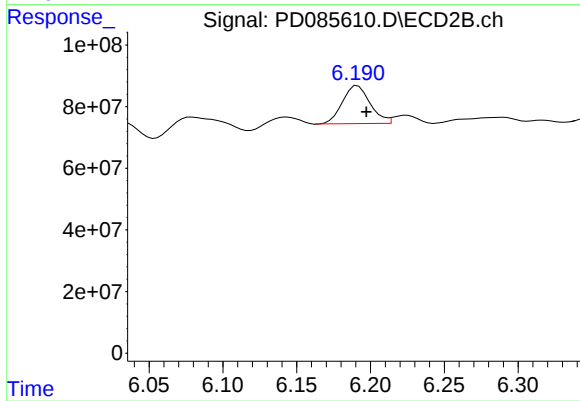
#16 4,4'-DDD

R.T.: 5.944 min  
Delta R.T.: 0.002 min  
Response: 2735741  
Conc: 0.82 ng/ml



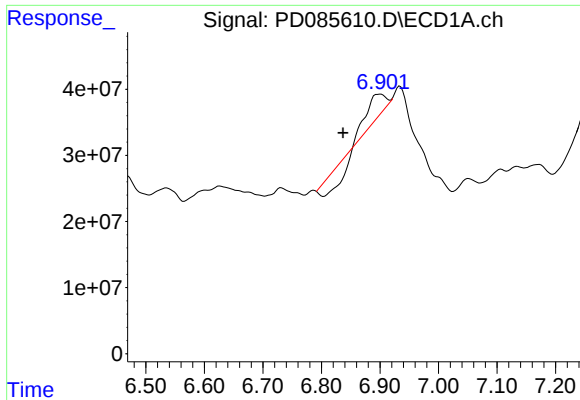
#17 4,4'-DDT

R.T.: 6.900 min  
Delta R.T.: -0.044 min  
Response: 22765583  
Conc: 18.68 ng/ml



#17 4,4'-DDT

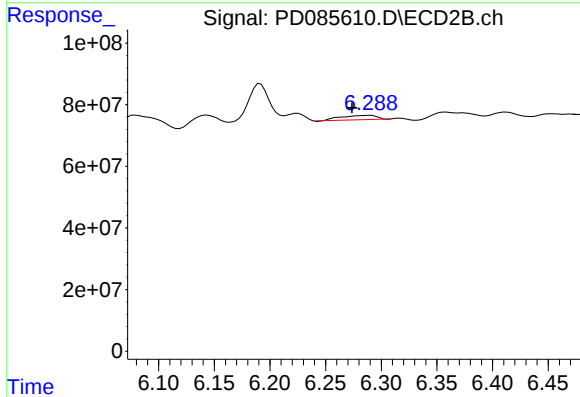
R.T.: 6.191 min  
Delta R.T.: -0.006 min  
Response: 160888121  
Conc: 50.79 ng/ml



#18 Endrin aldehyde

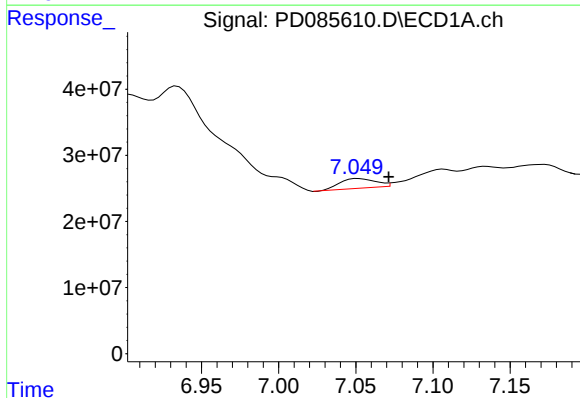
R.T.: 6.900 min  
Delta R.T.: 0.063 min  
Response: 22765583  
Conc: 19.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC96DL



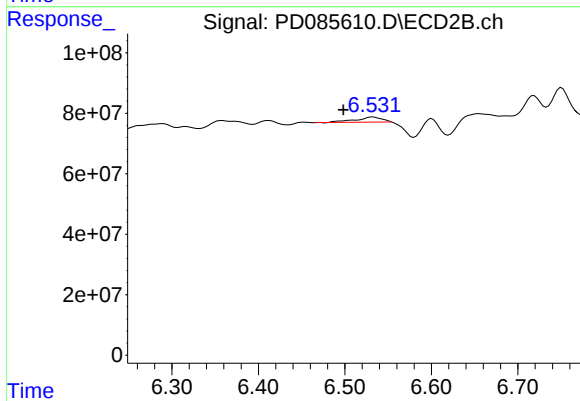
#18 Endrin aldehyde

R.T.: 6.289 min  
Delta R.T.: 0.016 min  
Response: 31528291  
Conc: 11.40 ng/ml



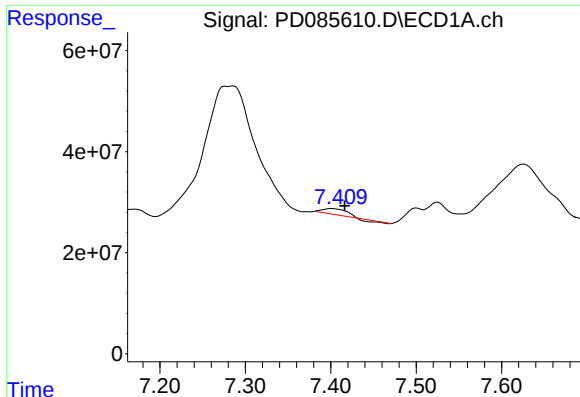
#19 Endosulfan Sulfate

R.T.: 7.053 min  
Delta R.T.: -0.019 min  
Response: 23574717  
Conc: 15.61 ng/ml



#19 Endosulfan Sulfate

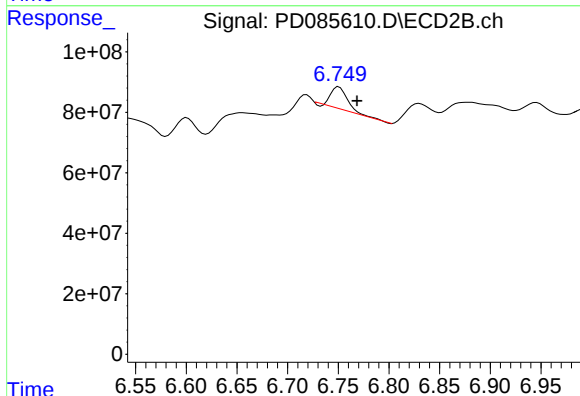
R.T.: 6.532 min  
Delta R.T.: 0.034 min  
Response: 35043552  
Conc: 10.20 ng/ml



#20 Methoxychlor

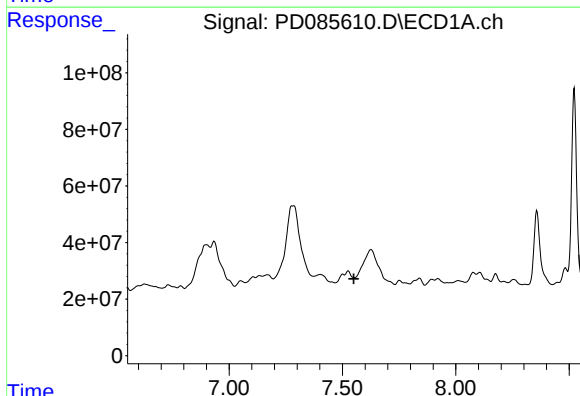
R.T.: 7.402 min  
Delta R.T.: -0.014 min  
Response: 19659710  
Conc: 26.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC96DL



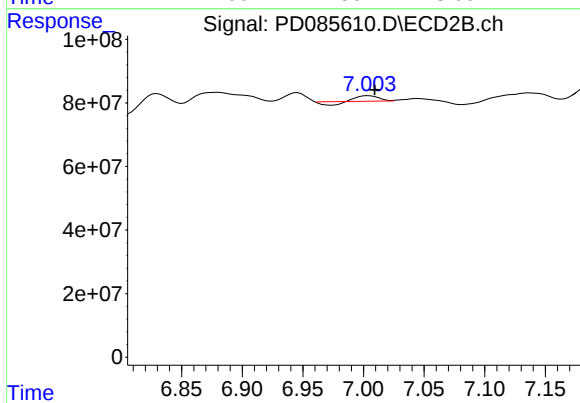
#20 Methoxychlor

R.T.: 6.751 min  
Delta R.T.: -0.018 min  
Response: 82668725  
Conc: 50.94 ng/ml



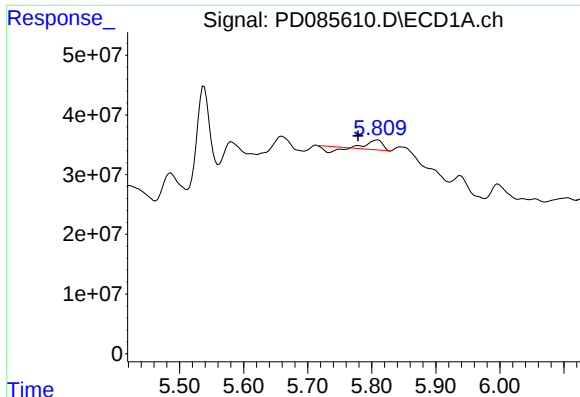
#21 Endrin ketone

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



#21 Endrin ketone

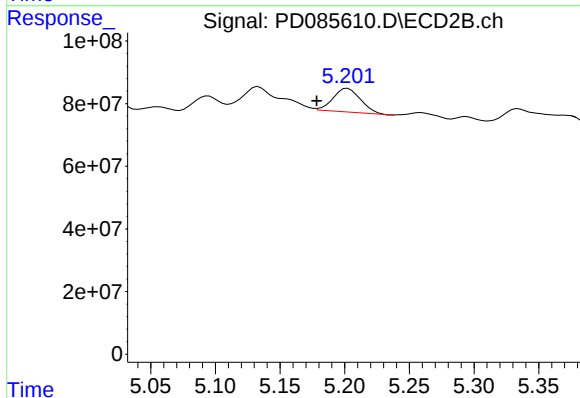
R.T.: 7.004 min  
Delta R.T.: -0.005 min  
Response: 12160413  
Conc: 2.62 ng/ml



#22 Toxaphene-1

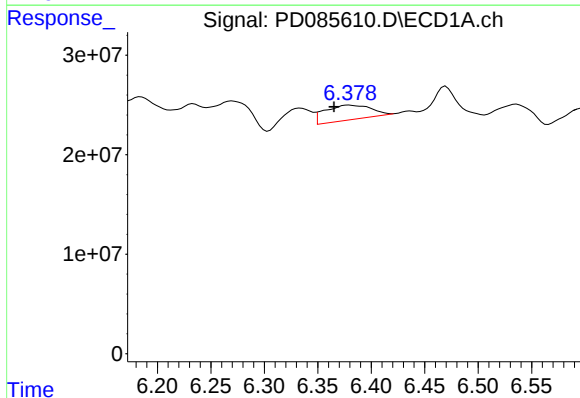
R.T.: 5.808 min  
Delta R.T.: 0.029 min  
Response: 11898200  
Conc: 2428.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC96DL



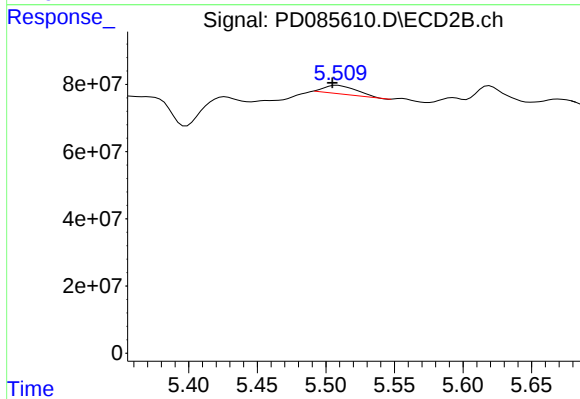
#22 Toxaphene-1

R.T.: 5.202 min  
Delta R.T.: 0.024 min  
Response: 111256733  
Conc: 4507.20 ng/ml



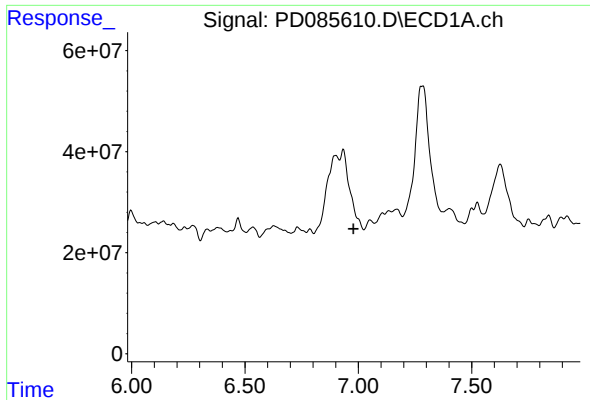
#23 Toxaphene-2

R.T.: 6.380 min  
Delta R.T.: 0.015 min  
Response: 44021635  
Conc: 2519.85 ng/ml



#23 Toxaphene-2

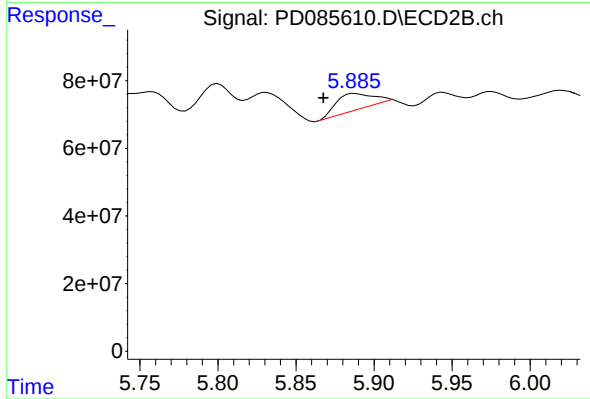
R.T.: 5.508 min  
Delta R.T.: 0.004 min  
Response: 41338900  
Conc: 1700.43 ng/ml



#24 Toxaphene-3

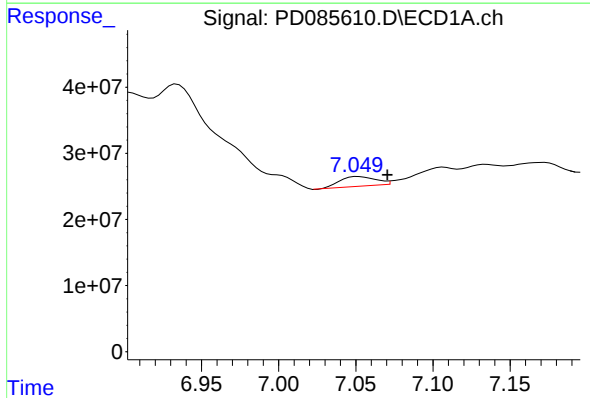
R.T.: 0.000 min  
Exp R.T.: 6.979 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DDC96DL



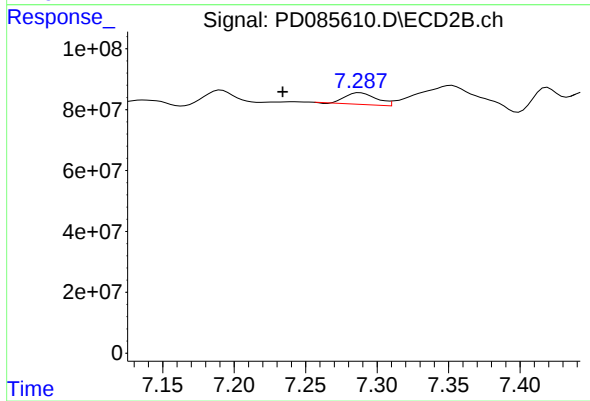
#24 Toxaphene-3

R.T.: 5.888 min  
Delta R.T.: 0.020 min  
Response: 76835816  
Conc: 3241.04 ng/ml



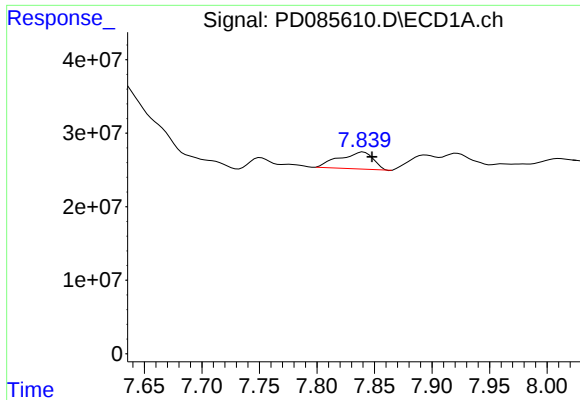
#25 Toxaphene-4

R.T.: 7.053 min  
Delta R.T.: -0.018 min  
Response: 23574717  
Conc: 747.59 ng/ml



#25 Toxaphene-4

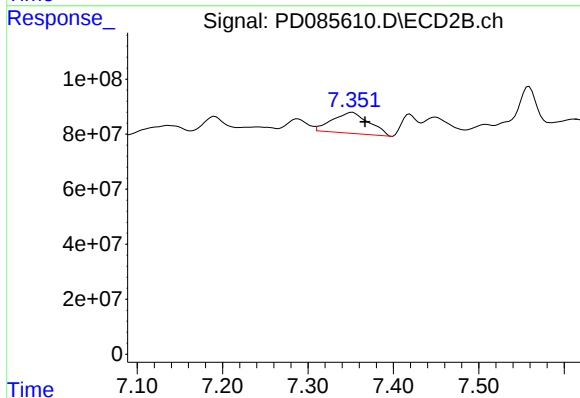
R.T.: 7.288 min  
Delta R.T.: 0.054 min  
Response: 57858194  
Conc: 1145.26 ng/ml



#26 Toxaphene-5

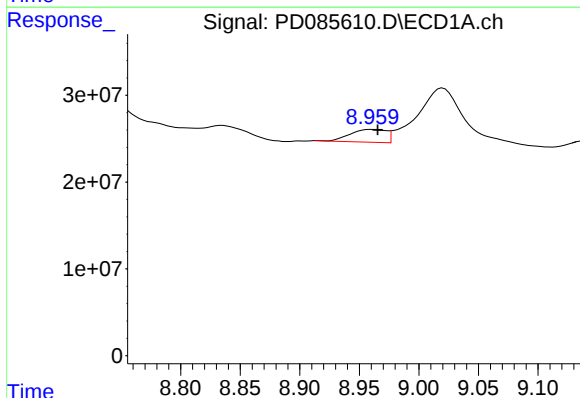
R.T.: 7.840 min  
Delta R.T.: -0.008 min  
Response: 47380075  
Conc: 2057.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DDC96DL



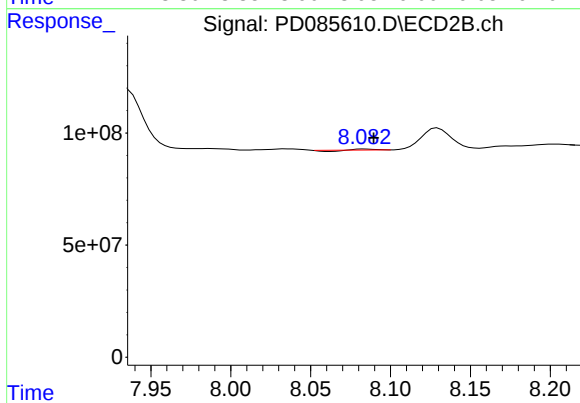
#26 Toxaphene-5

R.T.: 7.352 min  
Delta R.T.: -0.015 min  
Response: 229255437  
Conc: 7266.29 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.961 min  
Delta R.T.: -0.005 min  
Response: 31038011  
Conc: 18.92 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.084 min  
Delta R.T.: -0.006 min  
Response: 100571  
Conc: N.D.