

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112624\  
 Data File : PD086942.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Nov 2024 14:14  
 Operator : AR\AJ  
 Sample : TOXAPHENE362  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TOXAPH3165

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 27 00:18:58 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112024CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 20 02:52:29 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

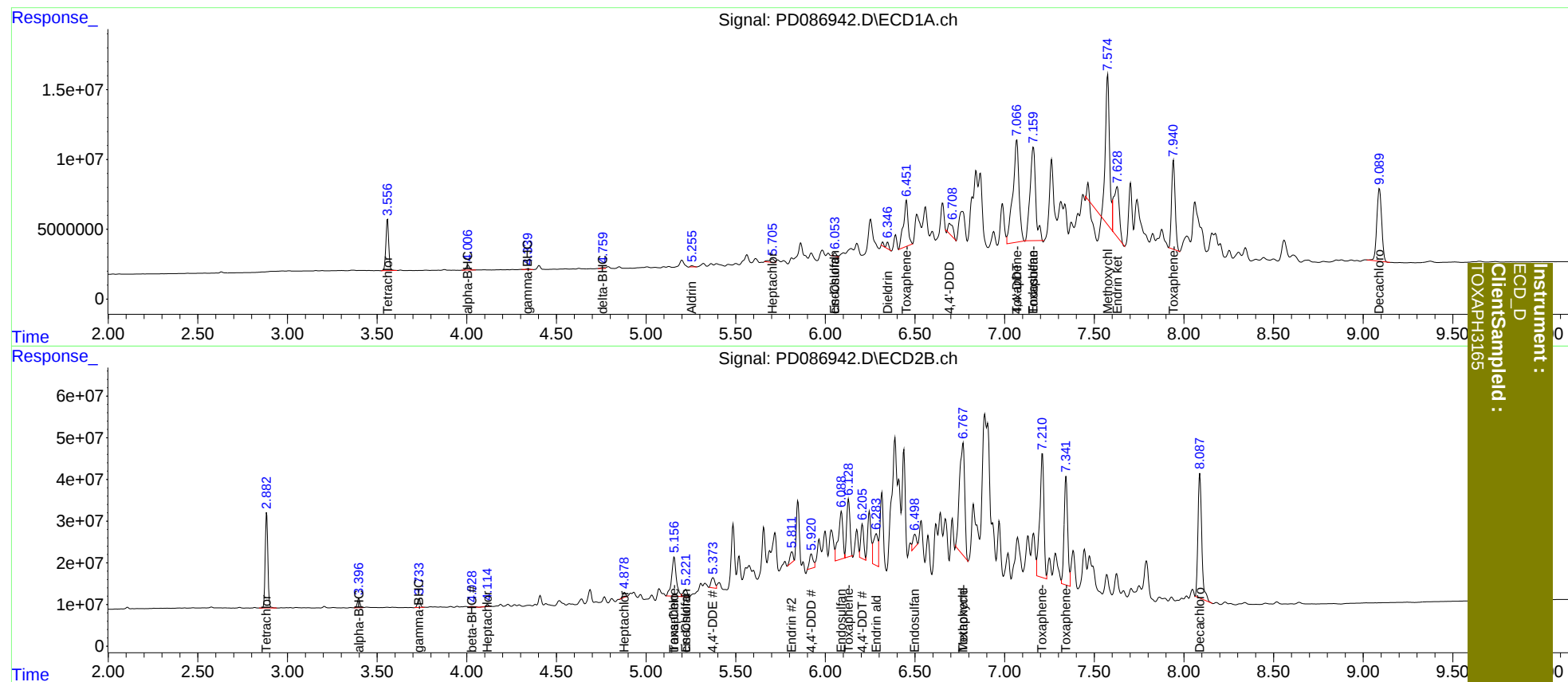
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2    | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|-----------|----------|----------|
| -----                       |                 |        |        |          |           |          |          |
| System Monitoring Compounds |                 |        |        |          |           |          |          |
| 1)                          | SA Tetrachlo... | 3.558  | 2.884  | 41028002 | 234.6E6   | 22.311   | 20.325   |
| 27)                         | SA Decachlor... | 9.090  | 8.089  | 97667257 | 440.6E6   | 36.682   | 34.573   |
| Target Compounds            |                 |        |        |          |           |          |          |
| 2)                          | A alpha-BHC     | 4.007  | 3.398  | 4457414  | 22752319  | 1.266    | 1.270    |
| 3)                          | MA gamma-BHC... | 4.340  | 3.734  | 616073   | 23458058  | 0.177    | 1.406 #  |
| 4)                          | MA Heptachlor   | 4.912f | 4.116  | 55012    | 5415376   | <MDL     | 0.315 #  |
| 5)                          | MB Aldrin       | 5.257f | 4.382  | 866205   | -231744   | 0.245    | N.D. #   |
| 6)                          | B beta-BHC      | 4.524  | 4.029  | -131137  | 3559022   | N.D.     | 0.451    |
| 7)                          | B delta-BHC     | 4.761  | 4.267  | 944045   | -2009427  | 0.259    | N.D. #   |
| 8)                          | B Heptachlo...  | 5.705  | 4.880  | 5096994  | 13301911  | 1.559    | 0.839 #  |
| 9)                          | A Endosulfan I  | 6.053  | 5.222f | 2791789  | 26902436  | 0.939    | 1.859 #  |
| 10)                         | B trans-Chl...  | 5.983  | 5.157  | -3094430 | 173.0E6   | N.D.     | 10.474   |
| 11)                         | B cis-Chlor...  | 6.053  | 5.222  | 2791789  | 26902436  | 0.858    | 1.679 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.374  | 0        | 35712140  | N.D.     | 2.342    |
| 14)                         | MA Endrin       | 0.000  | 5.814  | 0        | 30303714  | N.D.     | 2.194    |
| 15)                         | B Endosulfa...  | 0.000  | 6.089  | 0        | 199.7E6   | N.D.     | 14.311   |
| 16)                         | A 4,4'-DDD      | 6.695  | 5.922  | 15225054 | 47982474  | 6.418    | 3.972 #  |
| 17)                         | MA 4,4'-DDT     | 7.067  | 6.206  | 176.2E6  | 97327660  | 71.065   | 7.528 #  |
| 18)                         | B Endrin al...  | 6.939  | 6.284  | -4143434 | 133.1E6   | N.D.     | 12.405   |
| 19)                         | B Endosulfa...  | 7.160  | 6.499  | 147.9E6  | 41943603  | 54.816   | 3.126 #  |
| 20)                         | A Methoxychlor  | 7.575f | 6.768  | 128.7E6  | 539.6E6   | 95.355   | 93.342   |
| 21)                         | B Endrin ke...  | 7.626  | 7.019  | 77990238 | -21828816 | 25.568   | N.D. #   |
| 22)                         | Toxaphene-1     | 0.000  | 5.157  | 0        | 173.0E6   | N.D.     | 2120.661 |
| 23)                         | Toxaphene-2     | 6.452  | 6.129  | 60059601 | 178.8E6   | 2120.565 | 1994.168 |
| 24)                         | Toxaphene-3     | 7.067  | 6.768  | 176.2E6  | 539.6E6   | 2174.845 | 1827.631 |
| 25)                         | Toxaphene-4     | 7.160  | 7.211  | 147.9E6  | 476.9E6   | 2454.297 | 2307.018 |
| 26)                         | Toxaphene-5     | 7.942  | 7.342  | 88882211 | 361.3E6   | 2014.951 | 2301.552 |
| -----                       |                 |        |        |          |           |          |          |

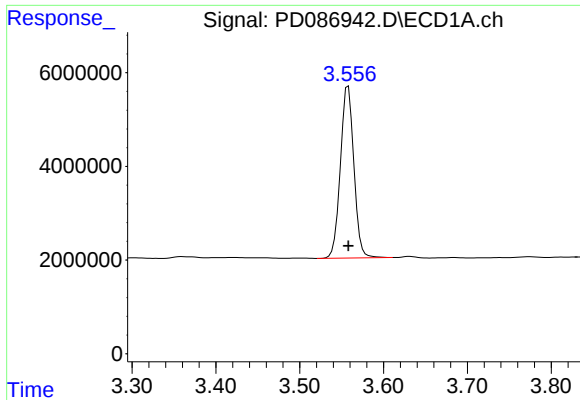
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112624\  
Data File : PD086942.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Nov 2024 14:14  
Operator : AR\AJ  
Sample : TOXAPHENE362  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 27 00:18:58 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112024CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 20 02:52:29 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

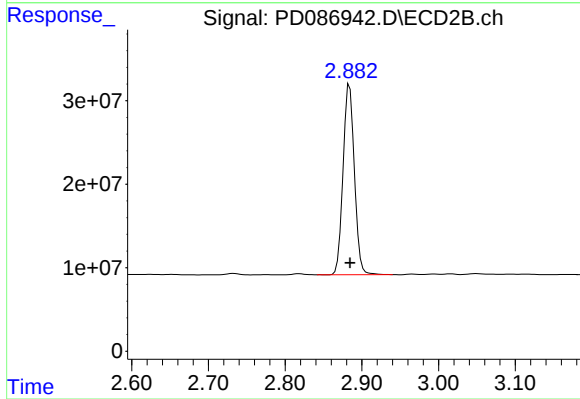




#1 Tetrachloro-m-xylene

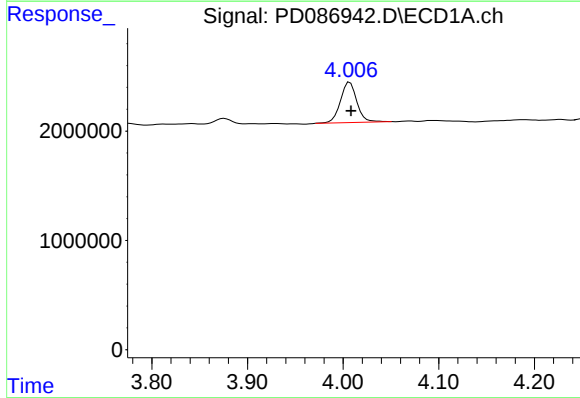
R.T.: 3.558 min  
Delta R.T.: 0.000 min  
Response: 41028002  
Conc: 22.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



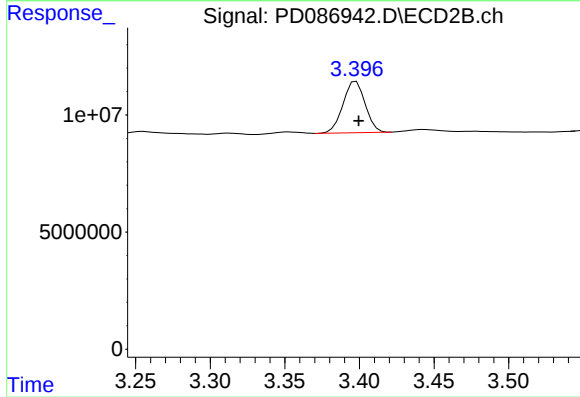
#1 Tetrachloro-m-xylene

R.T.: 2.884 min  
Delta R.T.: 0.000 min  
Response: 234566016  
Conc: 20.32 ng/ml



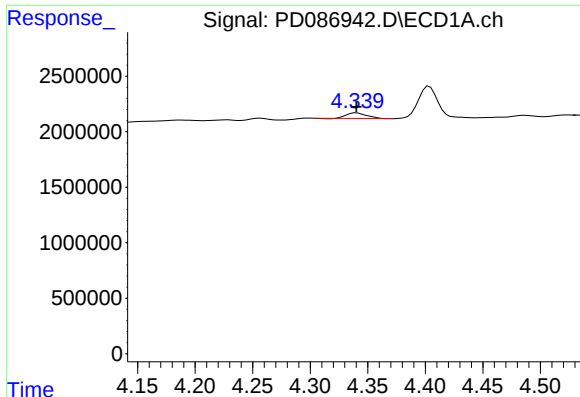
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: -0.001 min  
Response: 4457414  
Conc: 1.27 ng/ml



#2 alpha-BHC

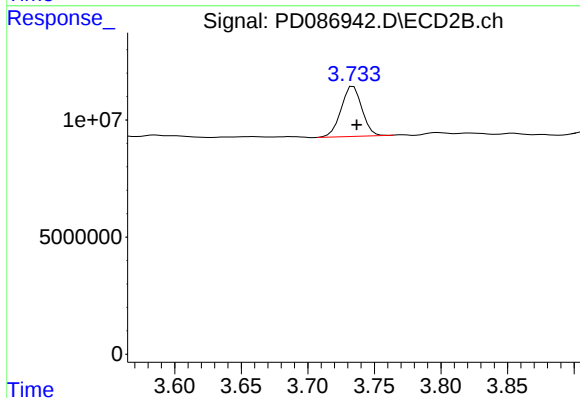
R.T.: 3.398 min  
Delta R.T.: -0.002 min  
Response: 22752319  
Conc: 1.27 ng/ml



#3 gamma-BHC (Lindane)

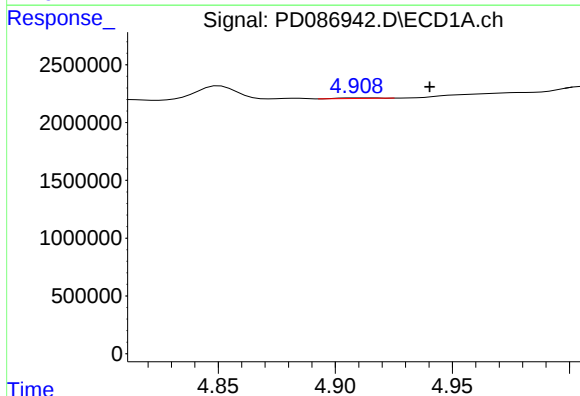
R.T.: 4.340 min  
Delta R.T.: 0.000 min  
Response: 616073  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



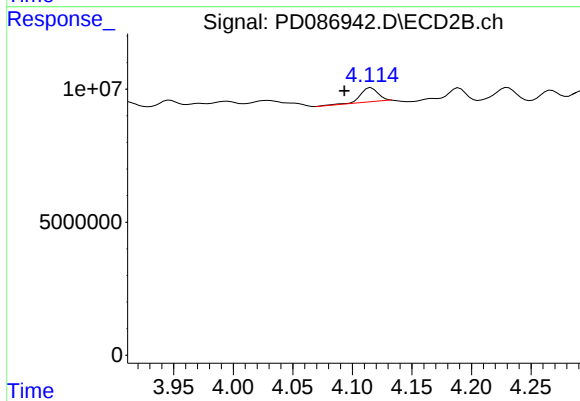
#3 gamma-BHC (Lindane)

R.T.: 3.734 min  
Delta R.T.: -0.002 min  
Response: 23458058  
Conc: 1.41 ng/ml



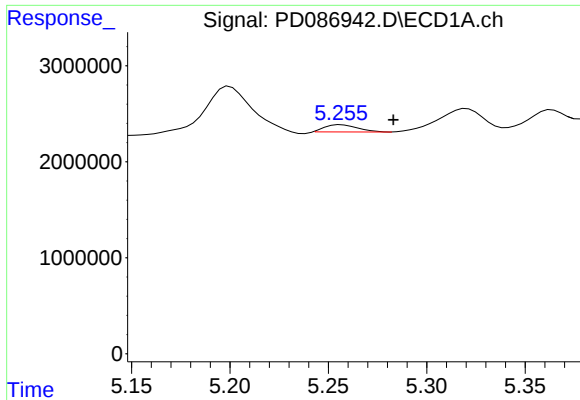
#4 Heptachlor

R.T.: 4.912 min  
Delta R.T.: -0.029 min  
Response: 55012  
Conc: N.D.



#4 Heptachlor

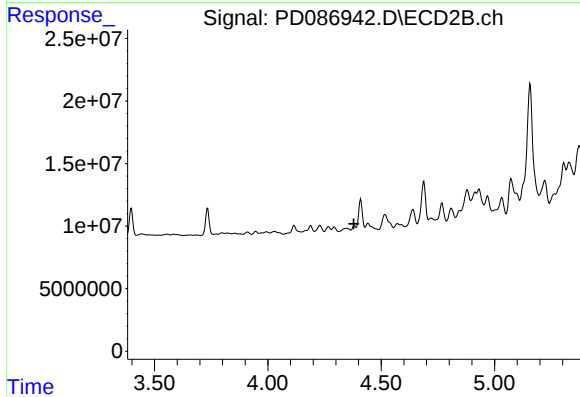
R.T.: 4.116 min  
Delta R.T.: 0.023 min  
Response: 5415376  
Conc: 0.31 ng/ml



#5 Aldrin

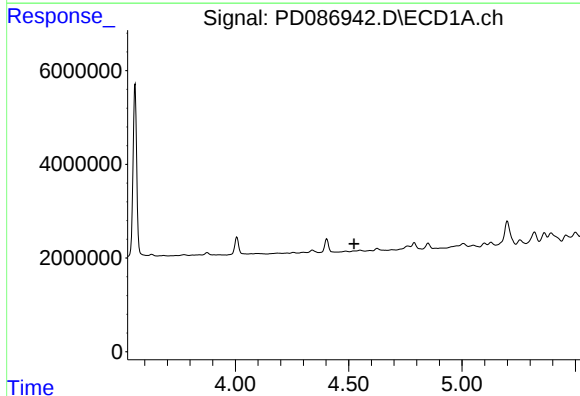
R.T.: 5.257 min  
Delta R.T.: -0.026 min  
Response: 866205  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



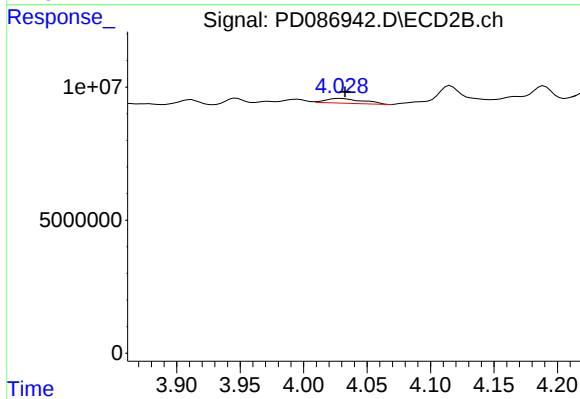
#5 Aldrin

R.T.: 4.382 min  
Delta R.T.: 0.002 min  
Response: -231744  
Conc: N.D.



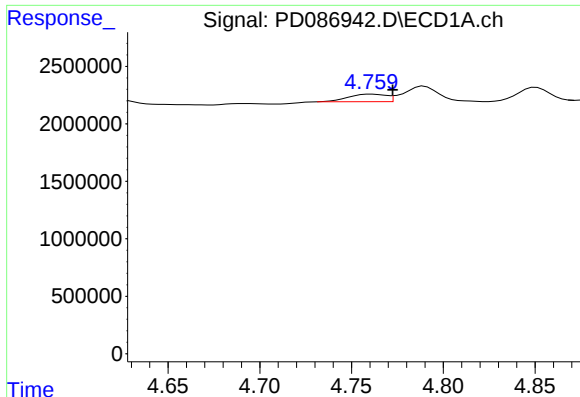
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: -131137  
Conc: N.D.



#6 beta-BHC

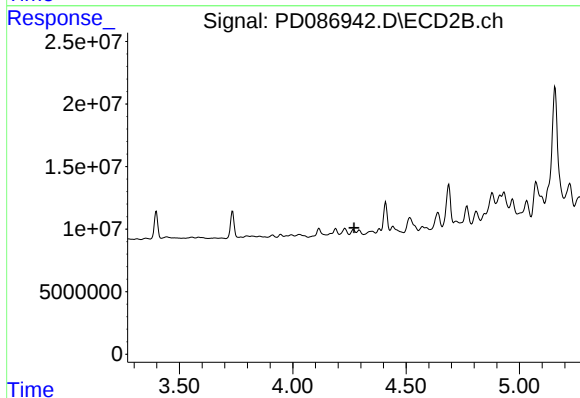
R.T.: 4.029 min  
Delta R.T.: -0.004 min  
Response: 3559022  
Conc: 0.45 ng/ml



#7 delta-BHC

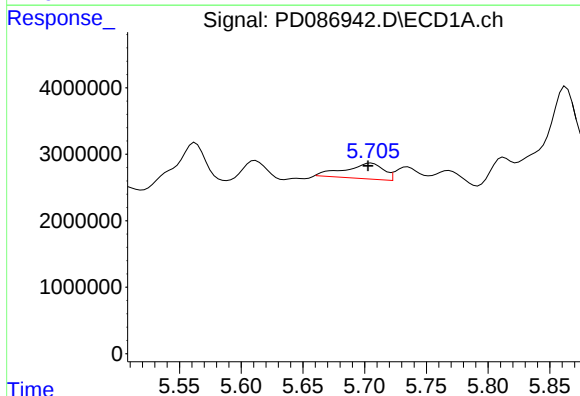
R.T.: 4.761 min  
Delta R.T.: -0.011 min  
Response: 944045  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



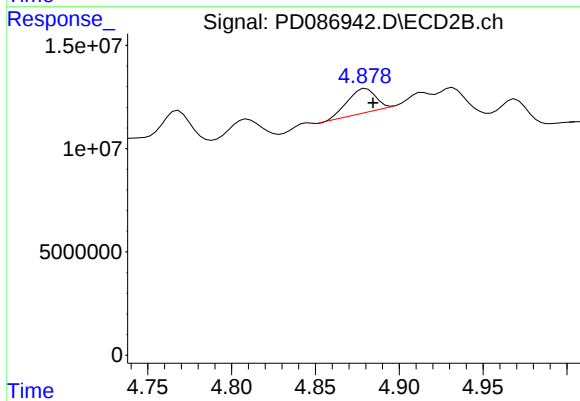
#7 delta-BHC

R.T.: 4.267 min  
Delta R.T.: -0.003 min  
Response: -2009427  
Conc: N.D.



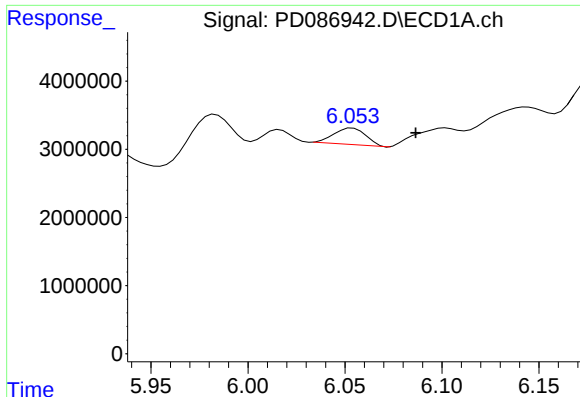
#8 Heptachlor epoxide

R.T.: 5.705 min  
Delta R.T.: 0.002 min  
Response: 5096994  
Conc: 1.56 ng/ml



#8 Heptachlor epoxide

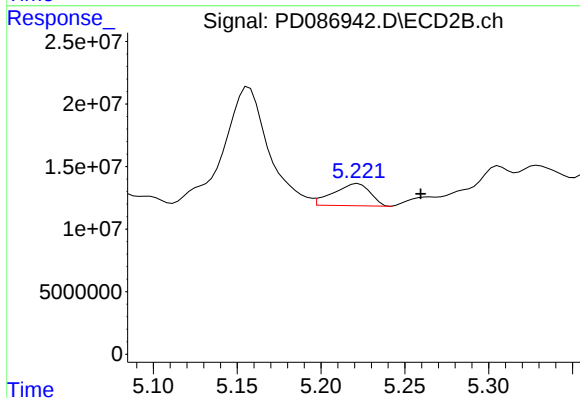
R.T.: 4.880 min  
Delta R.T.: -0.004 min  
Response: 13301911  
Conc: 0.84 ng/ml



#9 Endosulfan I

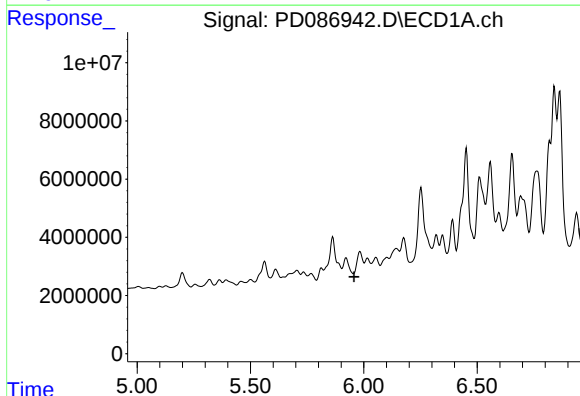
R.T.: 6.053 min  
Delta R.T.: -0.033 min  
Response: 2791789  
Conc: 0.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



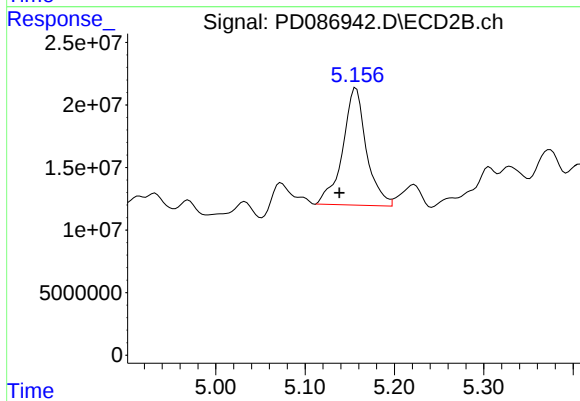
#9 Endosulfan I

R.T.: 5.222 min  
Delta R.T.: -0.037 min  
Response: 26902436  
Conc: 1.86 ng/ml



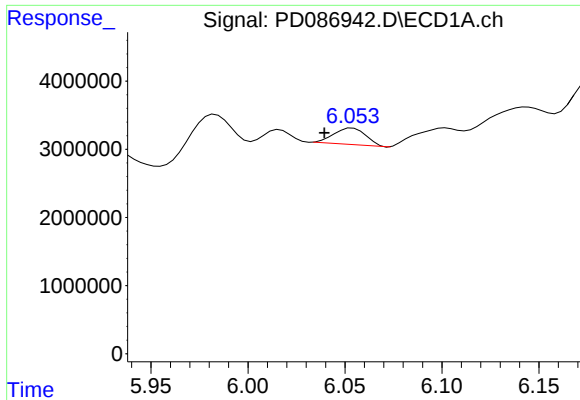
#10 trans-Chlordane

R.T.: 5.983 min  
Delta R.T.: 0.026 min  
Response: -3094430  
Conc: N.D.



#10 trans-Chlordane

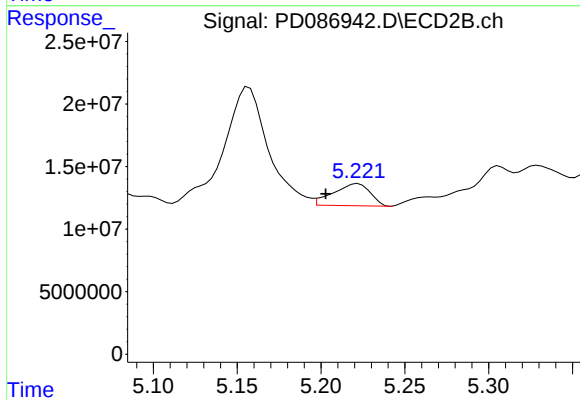
R.T.: 5.157 min  
Delta R.T.: 0.019 min  
Response: 173014300  
Conc: 10.47 ng/ml



#11 cis-Chlordane

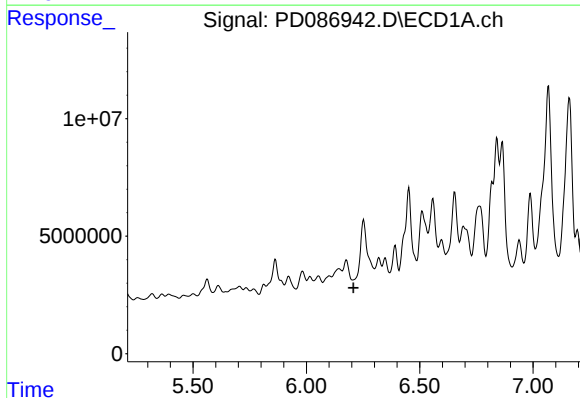
R.T.: 6.053 min  
Delta R.T.: 0.014 min  
Response: 2791789  
Conc: 0.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



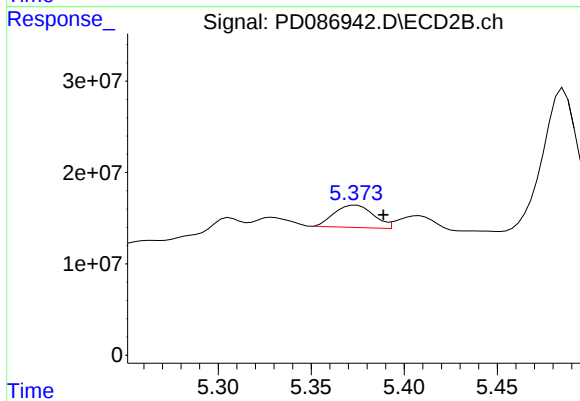
#11 cis-Chlordane

R.T.: 5.222 min  
Delta R.T.: 0.019 min  
Response: 26902436  
Conc: 1.68 ng/ml



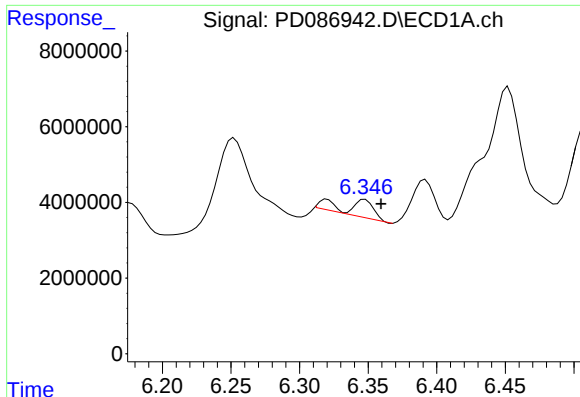
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.208 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

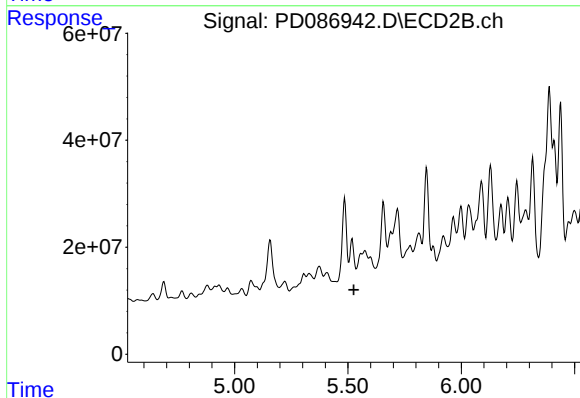
R.T.: 5.374 min  
Delta R.T.: -0.015 min  
Response: 35712140  
Conc: 2.34 ng/ml



#13 Dieldrin

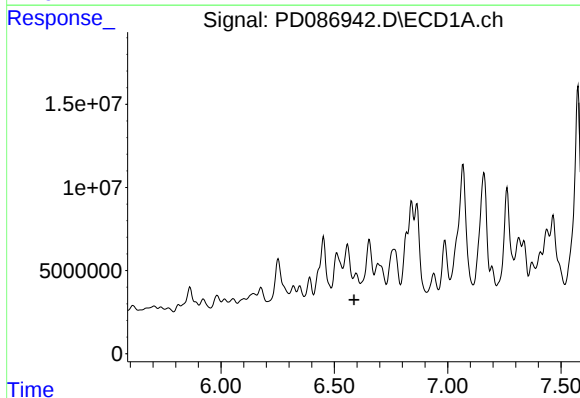
R.T.: 6.347 min  
Delta R.T.: -0.012 min  
Response: 6773940  
Conc: 2.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



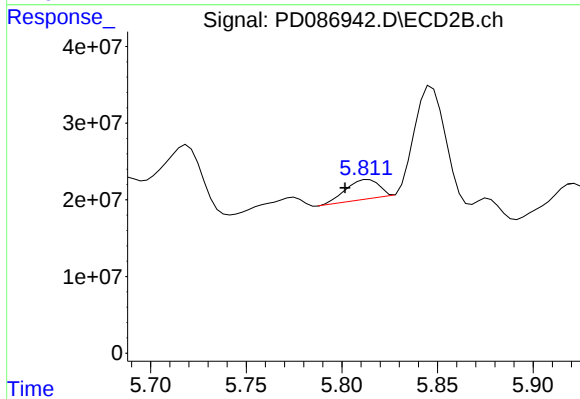
#13 Dieldrin

R.T.: 5.519 min  
Delta R.T.: -0.007 min  
Response: -50778509  
Conc: N.D.



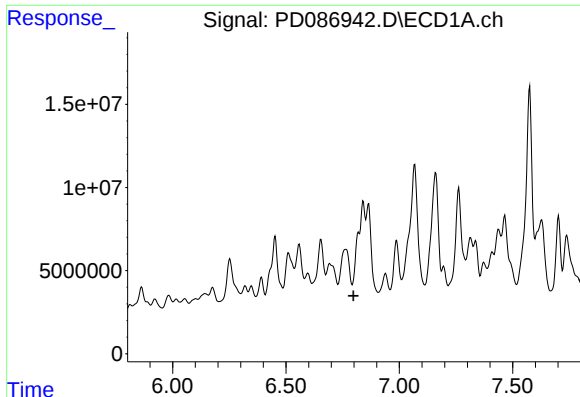
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.587 min  
Response: 0  
Conc: N.D.



#14 Endrin

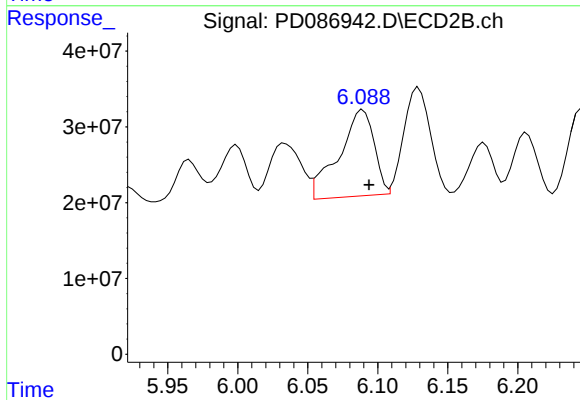
R.T.: 5.814 min  
Delta R.T.: 0.012 min  
Response: 30303714  
Conc: 2.19 ng/ml



#15 Endosulfan II

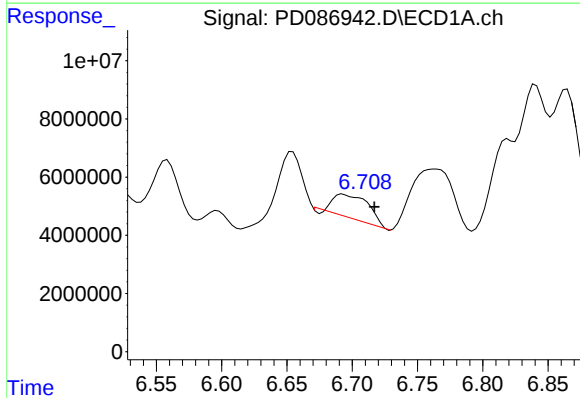
R.T.: 0.000 min  
Exp R.T.: 6.798 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



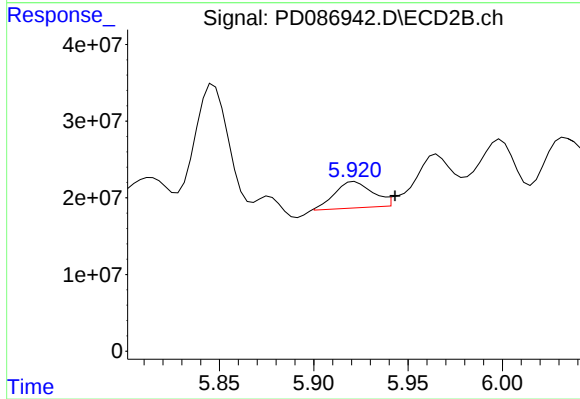
#15 Endosulfan II

R.T.: 6.089 min  
Delta R.T.: -0.004 min  
Response: 199694572  
Conc: 14.31 ng/ml



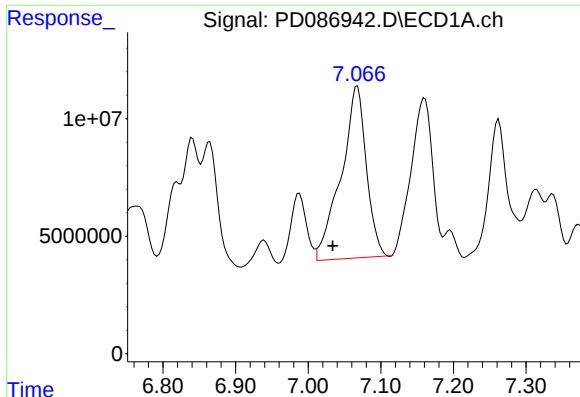
#16 4,4'-DDD

R.T.: 6.695 min  
Delta R.T.: -0.022 min  
Response: 15225054  
Conc: 6.42 ng/ml



#16 4,4'-DDD

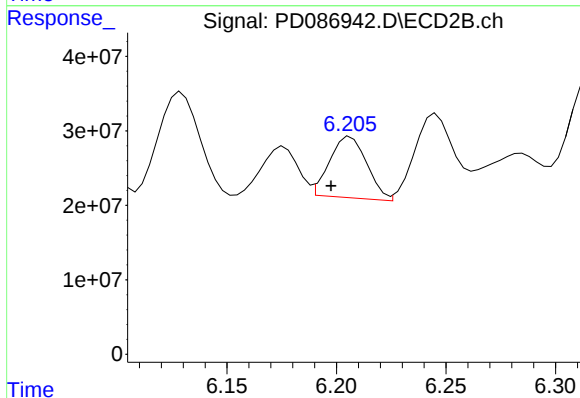
R.T.: 5.922 min  
Delta R.T.: -0.021 min  
Response: 47982474  
Conc: 3.97 ng/ml



#17 4,4'-DDT

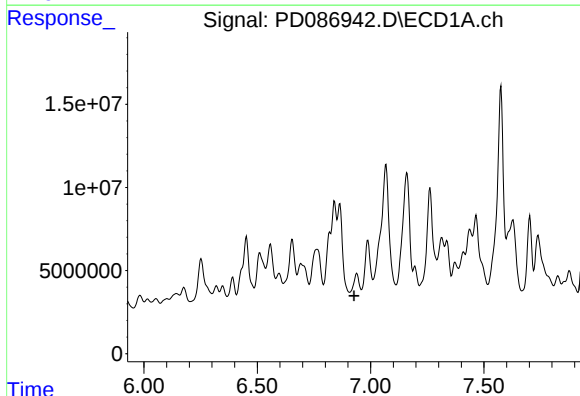
R.T.: 7.067 min  
Delta R.T.: 0.034 min  
Response: 176153659  
Conc: 71.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



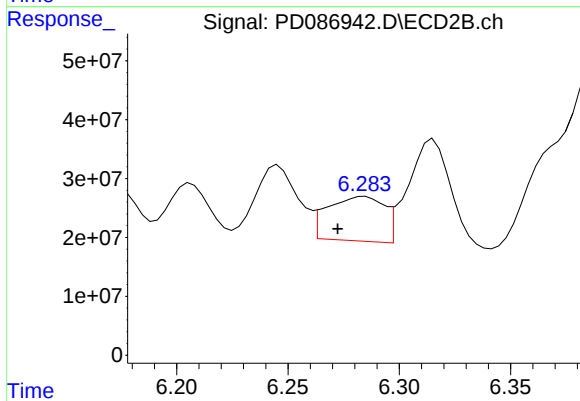
#17 4,4'-DDT

R.T.: 6.206 min  
Delta R.T.: 0.009 min  
Response: 97327660  
Conc: 7.53 ng/ml



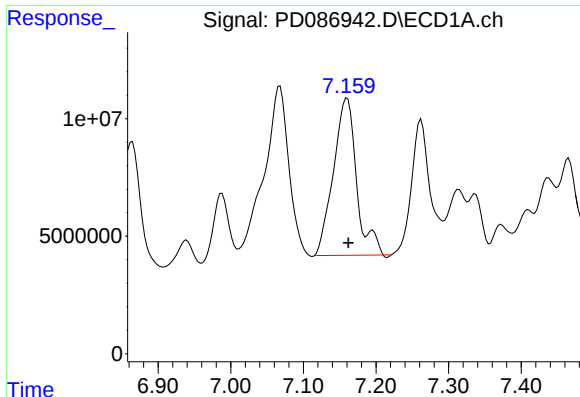
#18 Endrin aldehyde

R.T.: 6.939 min  
Delta R.T.: 0.011 min  
Response: -4143434  
Conc: N.D.



#18 Endrin aldehyde

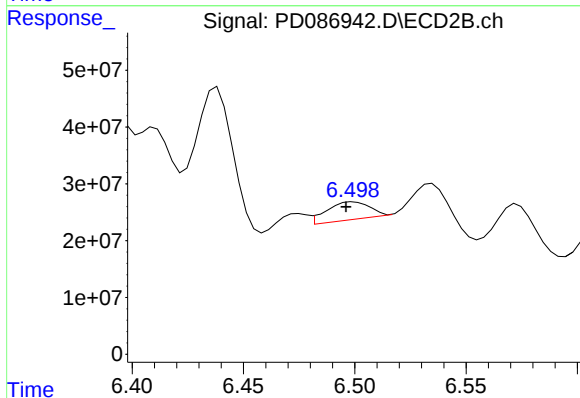
R.T.: 6.284 min  
Delta R.T.: 0.012 min  
Response: 133130336  
Conc: 12.41 ng/ml



#19 Endosulfan Sulfate

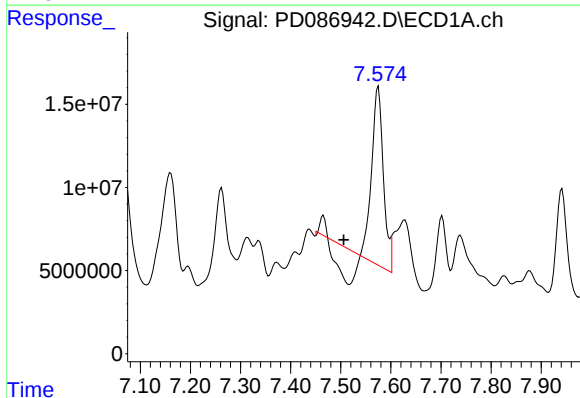
R.T.: 7.160 min  
Delta R.T.: -0.002 min  
Response: 147884862  
Conc: 54.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



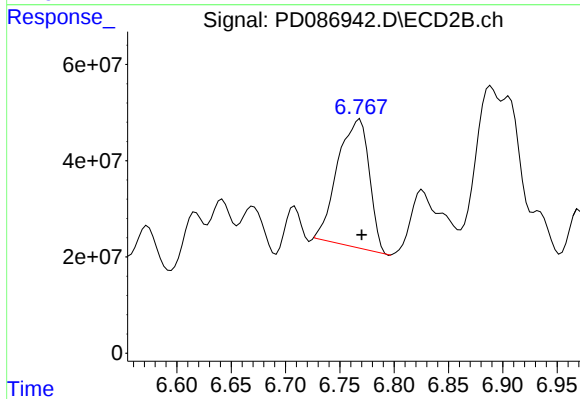
#19 Endosulfan Sulfate

R.T.: 6.499 min  
Delta R.T.: 0.003 min  
Response: 41943603  
Conc: 3.13 ng/ml



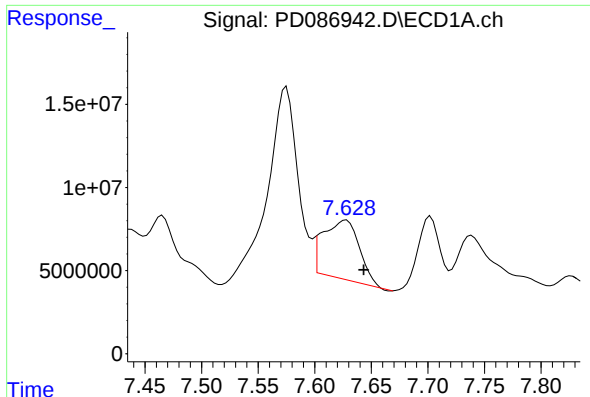
#20 Methoxychlor

R.T.: 7.575 min  
Delta R.T.: 0.069 min  
Response: 128703106  
Conc: 95.35 ng/ml



#20 Methoxychlor

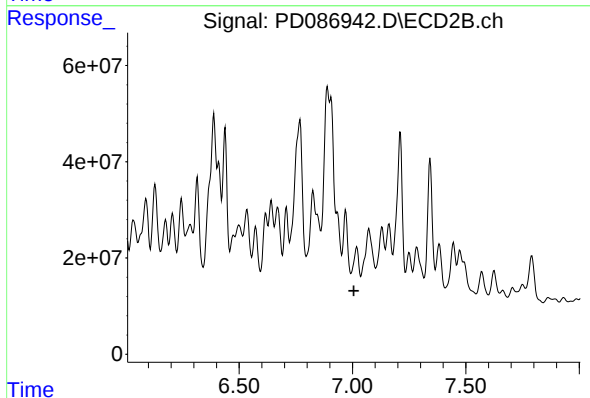
R.T.: 6.768 min  
Delta R.T.: -0.002 min  
Response: 539648113  
Conc: 93.34 ng/ml



#21 Endrin ketone

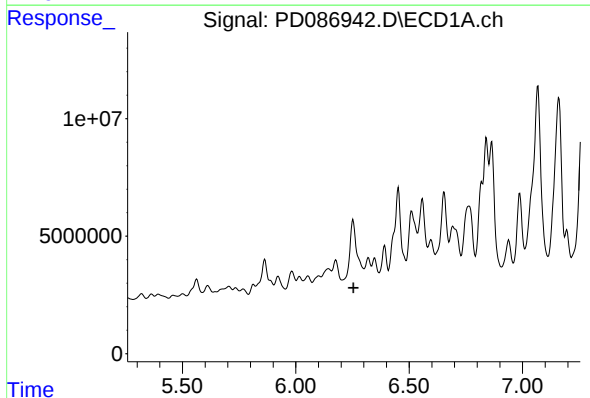
R.T.: 7.626 min  
Delta R.T.: -0.017 min  
Response: 77990238  
Conc: 25.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



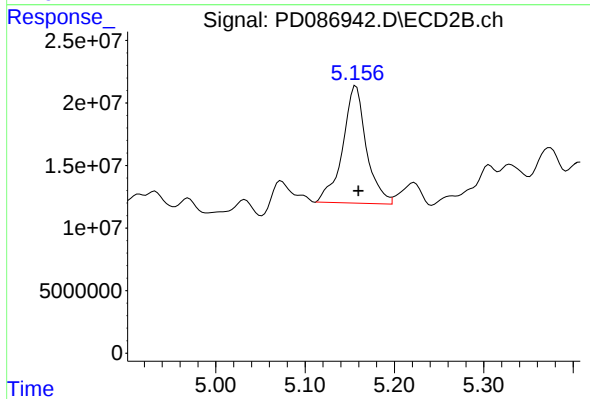
#21 Endrin ketone

R.T.: 7.019 min  
Delta R.T.: 0.014 min  
Response: -21828816  
Conc: N.D.



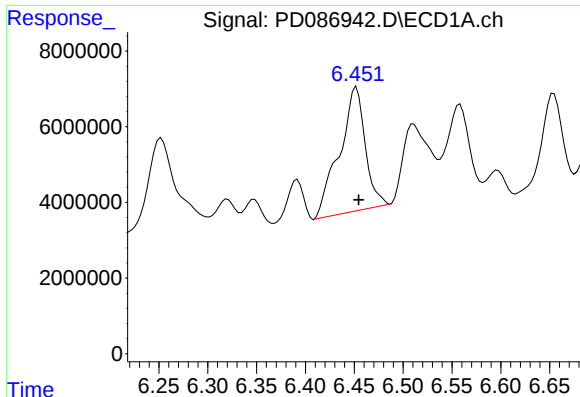
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 6.255 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

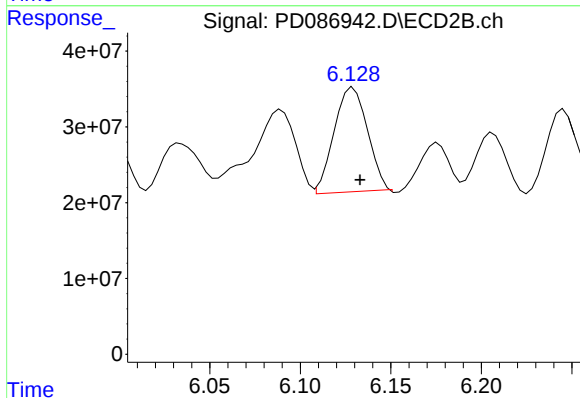
R.T.: 5.157 min  
Delta R.T.: -0.003 min  
Response: 173014300  
Conc: 2120.66 ng/ml



#23 Toxaphene-2

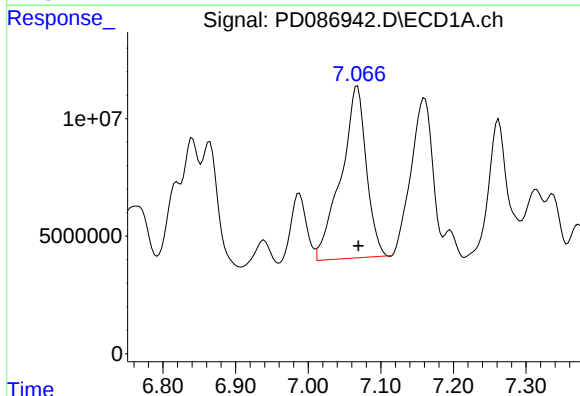
R.T.: 6.452 min  
Delta R.T.: -0.003 min  
Response: 60059601  
Conc: 2120.56 ng/m

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



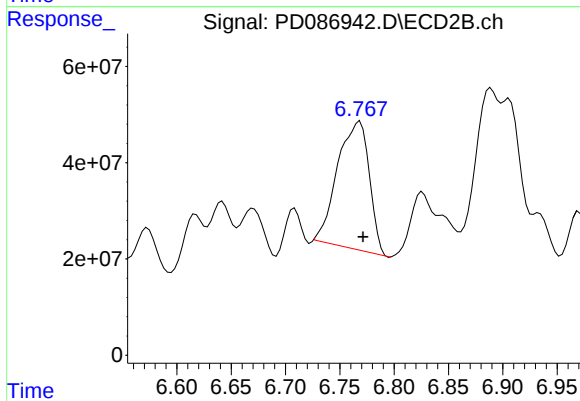
#23 Toxaphene-2

R.T.: 6.129 min  
Delta R.T.: -0.004 min  
Response: 178770475  
Conc: 1994.17 ng/ml



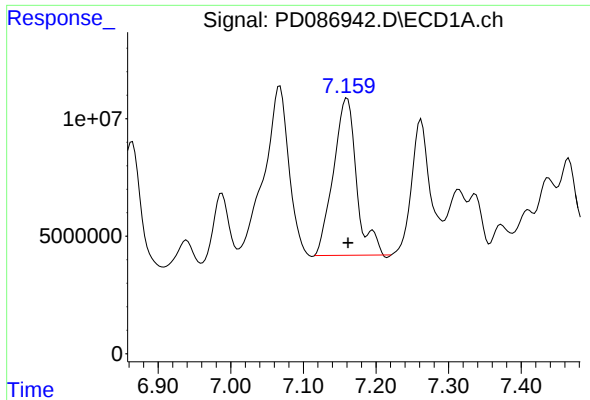
#24 Toxaphene-3

R.T.: 7.067 min  
Delta R.T.: -0.002 min  
Response: 176153659  
Conc: 2174.84 ng/ml



#24 Toxaphene-3

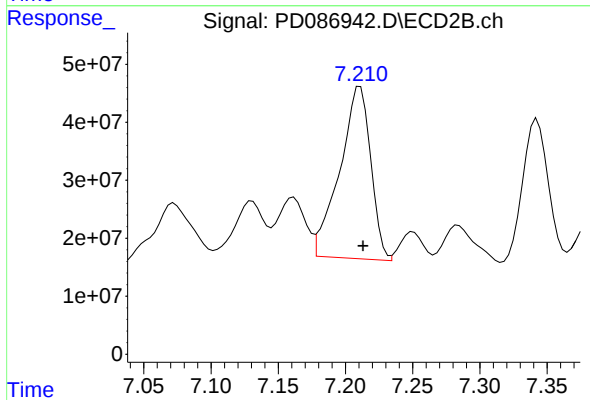
R.T.: 6.768 min  
Delta R.T.: -0.003 min  
Response: 539648113  
Conc: 1827.63 ng/ml



#25 Toxaphene-4

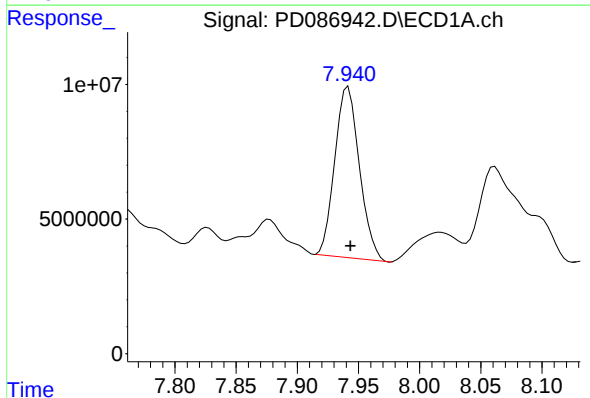
R.T.: 7.160 min  
Delta R.T.: -0.002 min  
Response: 147884862  
Conc: 2454.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



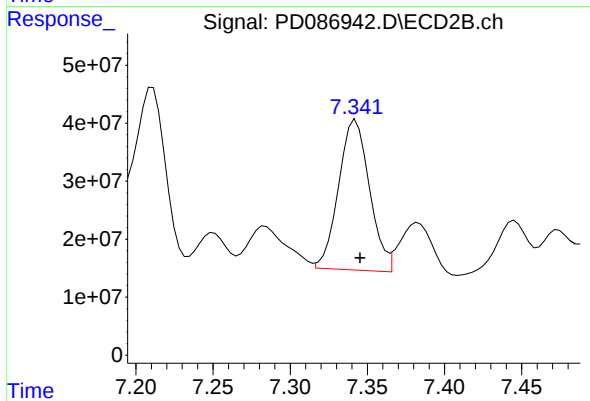
#25 Toxaphene-4

R.T.: 7.211 min  
Delta R.T.: -0.002 min  
Response: 476900345  
Conc: 2307.02 ng/ml



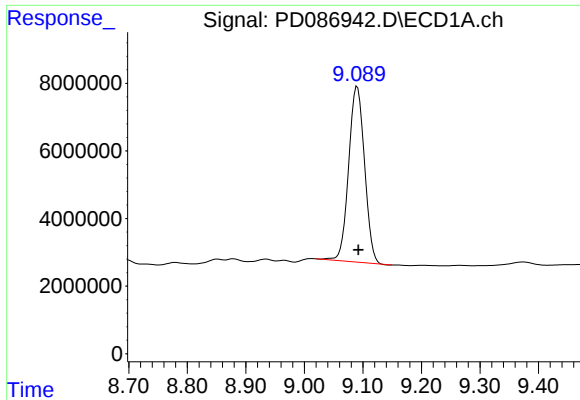
#26 Toxaphene-5

R.T.: 7.942 min  
Delta R.T.: -0.002 min  
Response: 88882211  
Conc: 2014.95 ng/ml



#26 Toxaphene-5

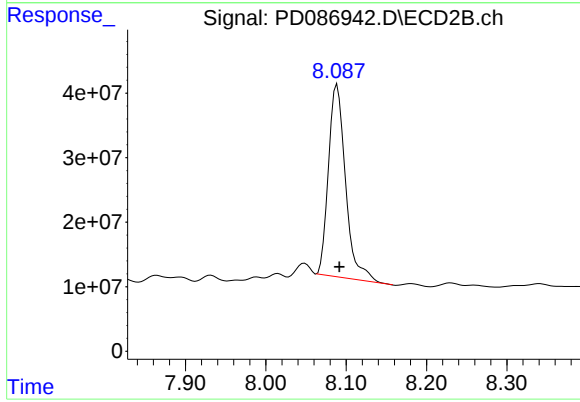
R.T.: 7.342 min  
Delta R.T.: -0.003 min  
Response: 361286798  
Conc: 2301.55 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.090 min  
Delta R.T.: -0.002 min  
Response: 97667257  
Conc: 36.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3165



#27 Decachlorobiphenyl

R.T.: 8.089 min  
Delta R.T.: -0.003 min  
Response: 440629918  
Conc: 34.57 ng/ml