

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020425\  
 Data File : PD087700.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Feb 2025 13:15  
 Operator : AR\AJ  
 Sample : Q1226-22  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 08:01:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011625CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 16 13:39:07 2025  
 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

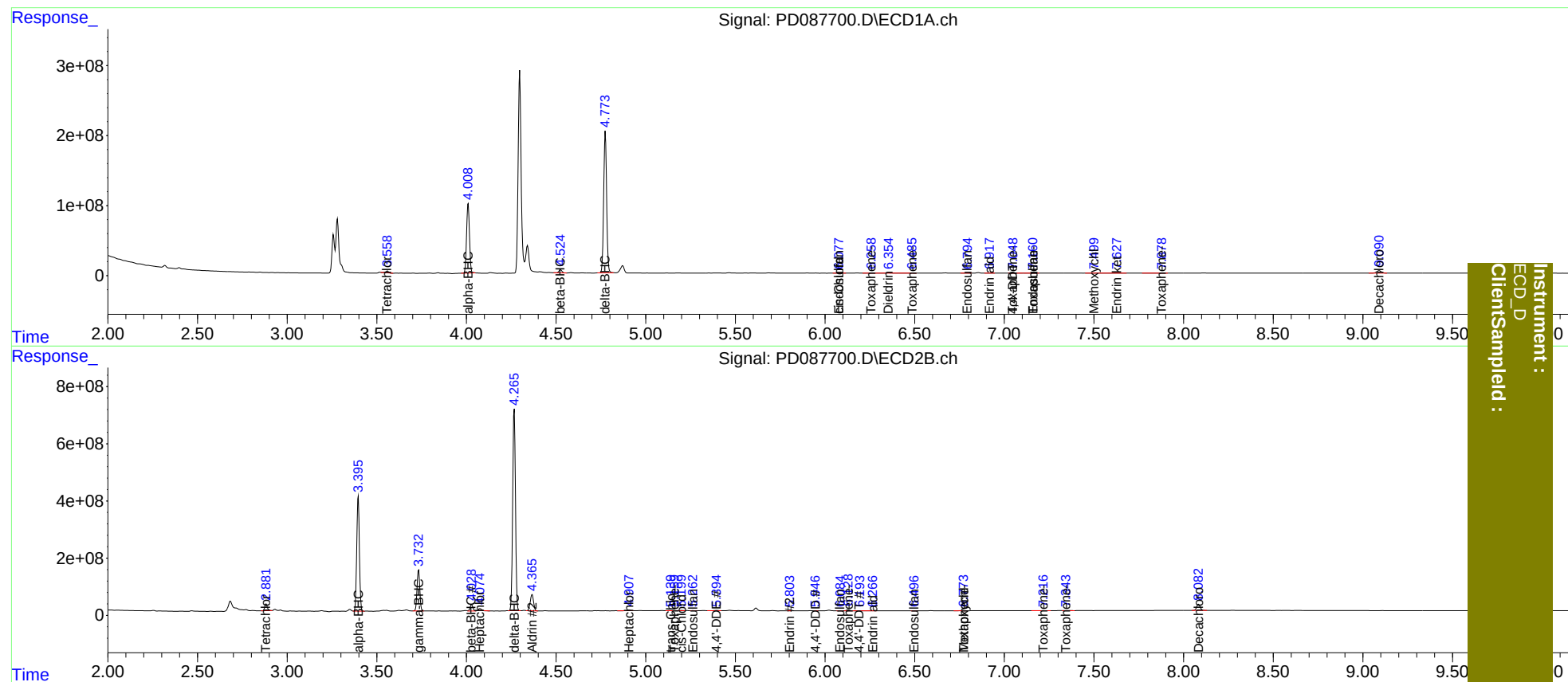
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|-----------|
| -----                       |                 |        |       |          |          |         |           |
| System Monitoring Compounds |                 |        |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.559  | 2.883 | 26440988 | 240.9E6  | 12.974  | 19.475 #  |
| 27)                         | SA Decachlor... | 9.091  | 8.084 | 65085654 | 293.0E6  | 19.467  | 20.225    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.010  | 3.397 | 1108.3E6 | 4156.9E6 | 266.777 | 209.929   |
| 4)                          | MA Heptachlor   | 4.930  | 4.076 | -9917294 | 74120611 | N.D.    | 3.971     |
| 5)                          | MB Aldrin       | 0.000  | 4.367 | 0        | 728.6E6  | N.D.    | 40.311    |
| 6)                          | B beta-BHC      | 4.526  | 4.029 | 50478007 | 239.9E6  | 28.105  | 28.128    |
| 7)                          | B delta-BHC     | 4.775  | 4.267 | 2291.7E6 | 7595.9E6 | 554.587 | 406.983 # |
| 8)                          | B Heptachlo...  | 5.769f | 4.908 | 297475   | 16666900 | <MDL    | 0.985 #   |
| 9)                          | A Endosulfan I  | 6.079  | 5.264 | 1002250  | 5013052  | 0.288   | 0.316     |
| 10)                         | B trans-Chl...  | 5.946  | 5.141 | -475408  | 10905649 | N.D.    | 0.607     |
| 11)                         | B cis-Chlor...  | 6.079f | 5.200 | 1002250  | 18321127 | 0.270   | 1.059 #   |
| 12)                         | B 4,4'-DDE      | 6.260f | 5.395 | 256971   | 14626297 | <MDL    | 0.893 #   |
| 13)                         | MA Dieldrin     | 6.357  | 5.518 | 7877410  | -5052096 | 2.066   | N.D. #    |
| 14)                         | MA Endrin       | 0.000  | 5.804 | 0        | 2176446  | N.D.    | 0.146     |
| 15)                         | B Endosulfa...  | 6.795  | 6.086 | 323611   | 3545248  | 0.101   | 0.239 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.947 | 0        | 2323821  | N.D.    | 0.174     |
| 17)                         | MA 4,4'-DDT     | 7.050  | 6.191 | 1437323  | 1835452  | 0.496   | 0.133 #   |
| 18)                         | B Endrin al...  | 6.918  | 6.267 | 820740   | 2742746  | 0.326   | 0.238 #   |
| 19)                         | B Endosulfa...  | 7.162  | 6.497 | 410415   | 2864523  | 0.133   | 0.197 #   |
| 20)                         | A Methoxychlor  | 7.501  | 6.773 | 1665702  | 5761525  | 1.051   | 0.935     |
| 21)                         | B Endrin ke...  | 7.631  | 7.004 | 1274514  | 1248864  | 0.370   | <MDL #    |
| 22)                         | Toxaphene-1     | 6.260  | 5.160 | 256971   | 6334067  | 11.247  | 72.974 #  |
| 23)                         | Toxaphene-2     | 6.486f | 6.130 | 2561904  | 46055386 | 79.591  | 492.063 # |
| 24)                         | Toxaphene-3     | 7.050  | 6.773 | 1437323  | 5761525  | 16.194  | 19.357    |
| 25)                         | Toxaphene-4     | 7.162  | 7.218 | 410415   | 14163266 | 6.287   | 66.857 #  |
| 26)                         | Toxaphene-5     | 7.880f | 7.344 | 1689236  | 10288182 | 34.762  | 66.342 #  |
| -----                       |                 |        |       |          |          |         |           |

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

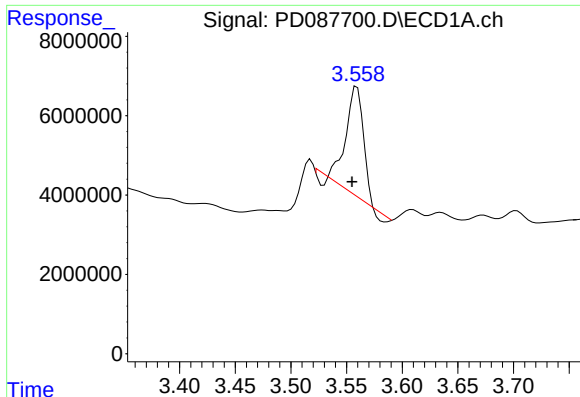
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020425\  
Data File : PD087700.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Feb 2025 13:15  
Operator : AR\AJ  
Sample : Q1226-22  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 08:01:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011625CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 16 13:39:07 2025  
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



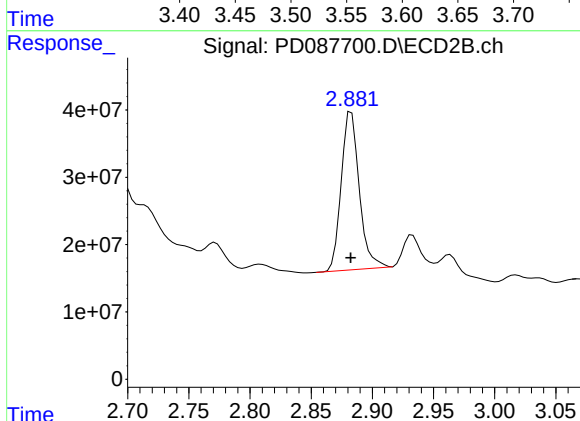
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

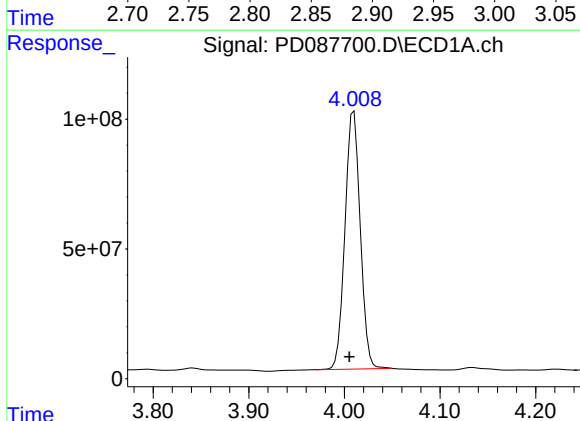
R.T.: 3.559 min  
Delta R.T.: 0.004 min  
Response: 26440988  
Conc: 12.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



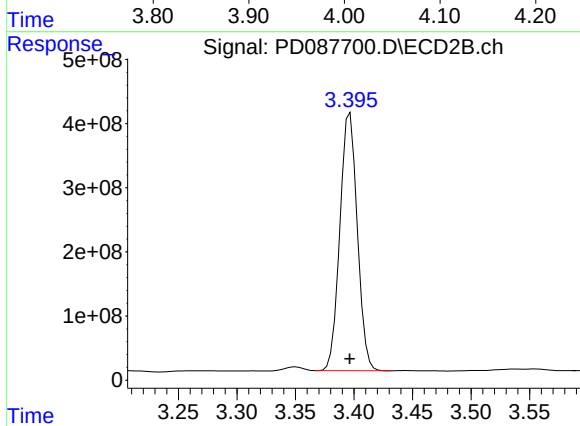
#1 Tetrachloro-m-xylene

R.T.: 2.883 min  
Delta R.T.: 0.000 min  
Response: 240868032  
Conc: 19.48 ng/ml



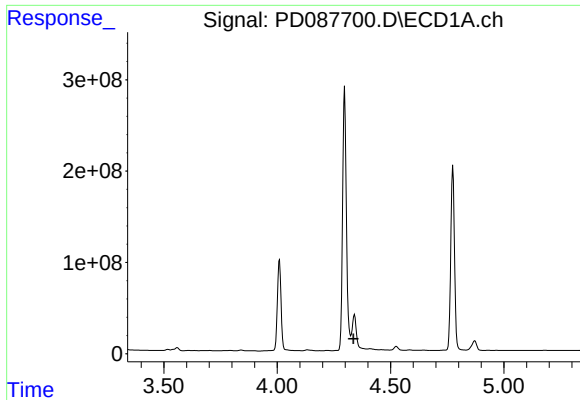
#2 alpha-BHC

R.T.: 4.010 min  
Delta R.T.: 0.005 min  
Response: 1108280282  
Conc: 266.78 ng/ml



#2 alpha-BHC

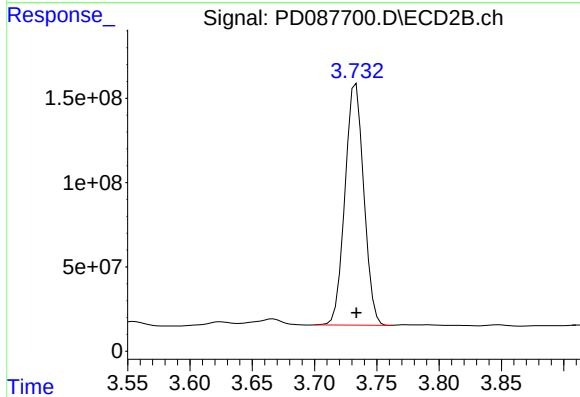
R.T.: 3.397 min  
Delta R.T.: 0.000 min  
Response: 4156941027  
Conc: 209.93 ng/ml



#3 gamma-BHC (Lindane)

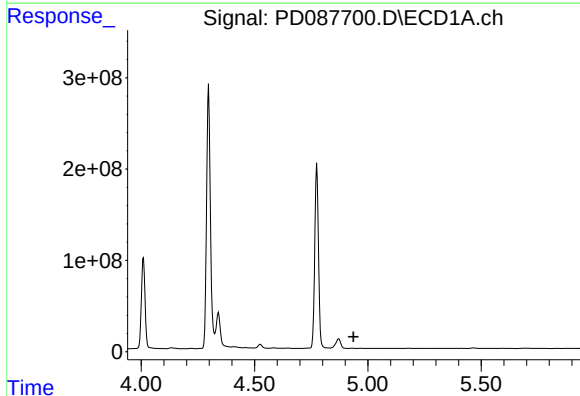
R.T.: 4.341 min  
Delta R.T.: 0.004 min  
Response: -4538176608  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



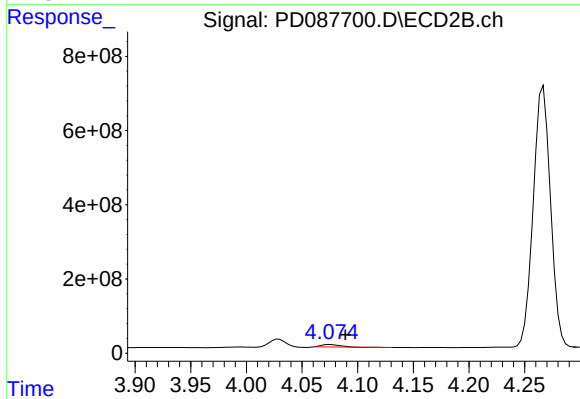
#3 gamma-BHC (Lindane)

R.T.: 3.733 min  
Delta R.T.: 0.000 min  
Response: 1512487047  
Conc: 82.57 ng/ml



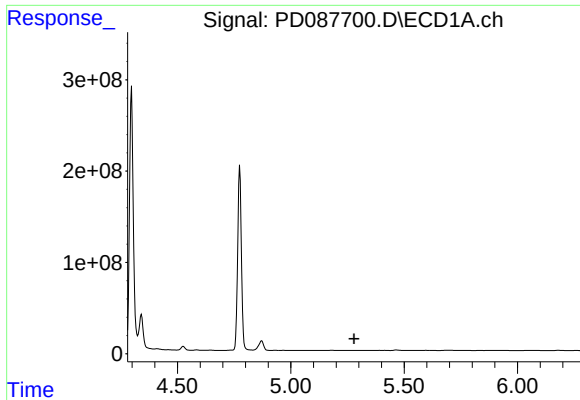
#4 Heptachlor

R.T.: 4.930 min  
Delta R.T.: -0.007 min  
Response: -9917294  
Conc: N.D.



#4 Heptachlor

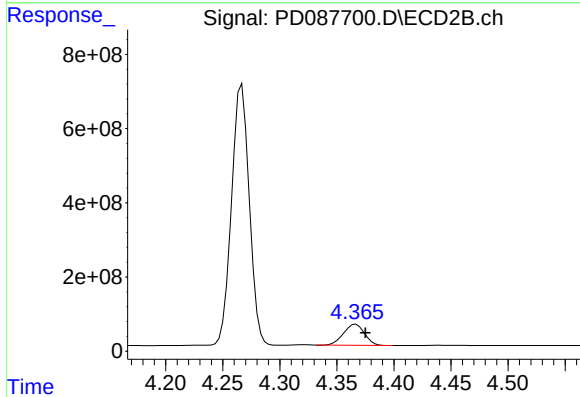
R.T.: 4.076 min  
Delta R.T.: -0.013 min  
Response: 74120611  
Conc: 3.97 ng/ml



#5 Aldrin

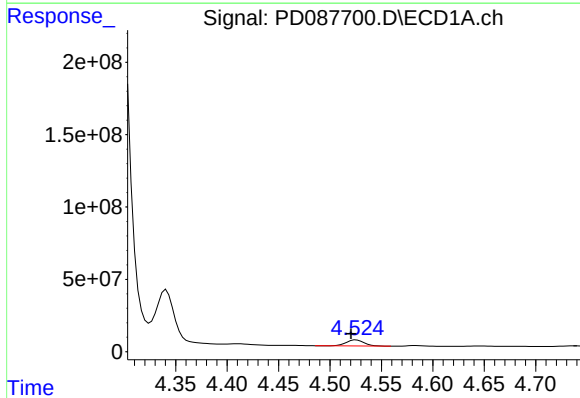
R.T.: 0.000 min  
Exp R.T.: 5.279 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



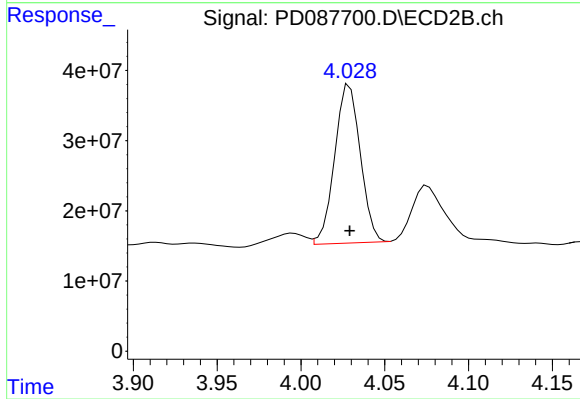
#5 Aldrin

R.T.: 4.367 min  
Delta R.T.: -0.008 min  
Response: 728590581  
Conc: 40.31 ng/ml



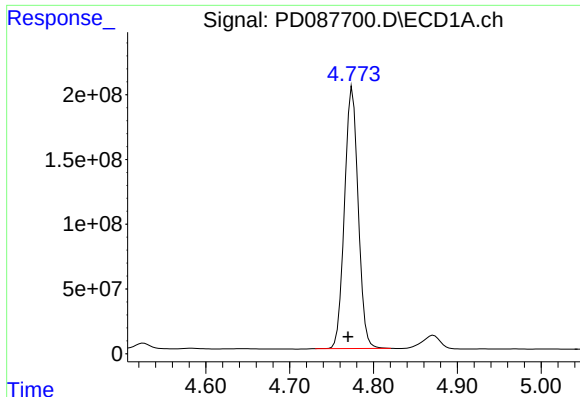
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: 0.005 min  
Response: 50478007  
Conc: 28.11 ng/ml



#6 beta-BHC

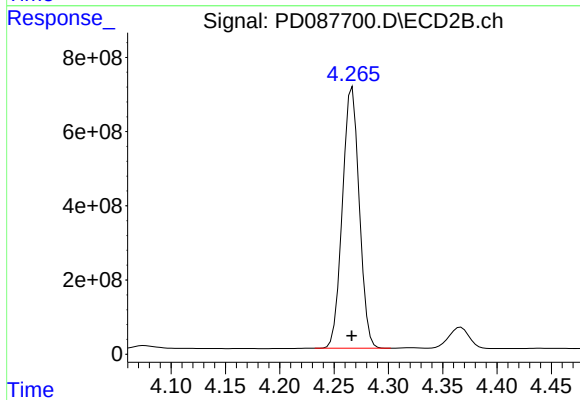
R.T.: 4.029 min  
Delta R.T.: 0.000 min  
Response: 239940820  
Conc: 28.13 ng/ml



#7 delta-BHC

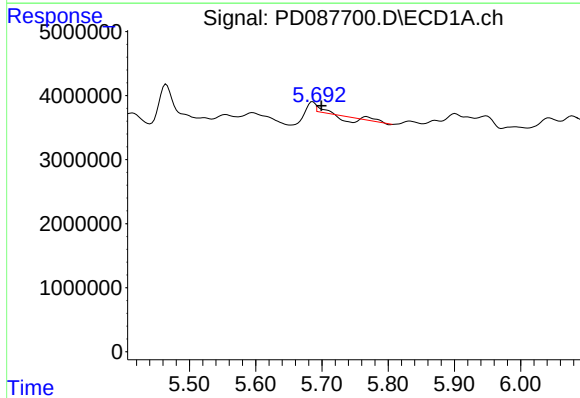
R.T.: 4.775 min  
Delta R.T.: 0.005 min  
Response: 2291743307  
Conc: 554.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



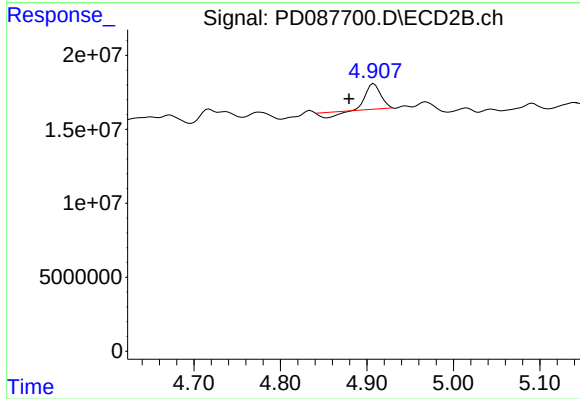
#7 delta-BHC

R.T.: 4.267 min  
Delta R.T.: 0.000 min  
Response: 7595867657  
Conc: 406.98 ng/ml



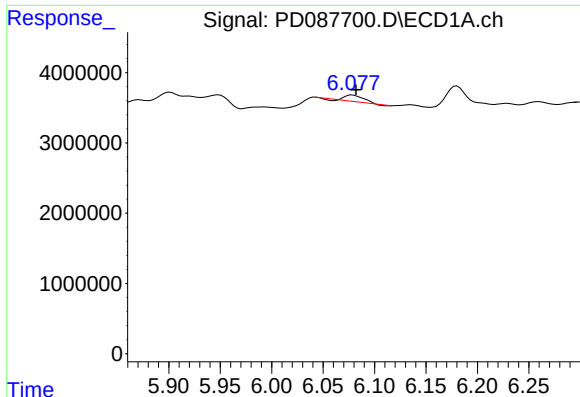
#8 Heptachlor epoxide

R.T.: 5.769 min  
Delta R.T.: 0.069 min  
Response: 297475  
Conc: N.D.



#8 Heptachlor epoxide

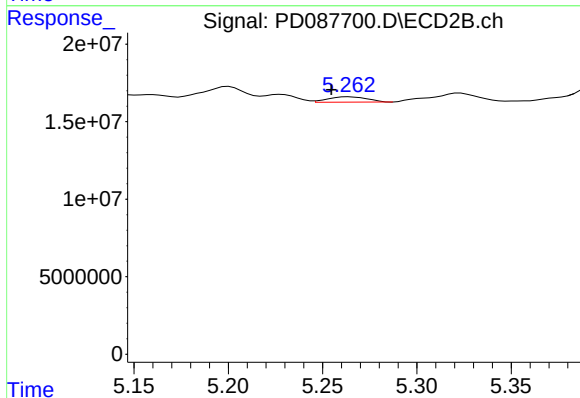
R.T.: 4.908 min  
Delta R.T.: 0.029 min  
Response: 16666900  
Conc: 0.98 ng/ml



#9 Endosulfan I

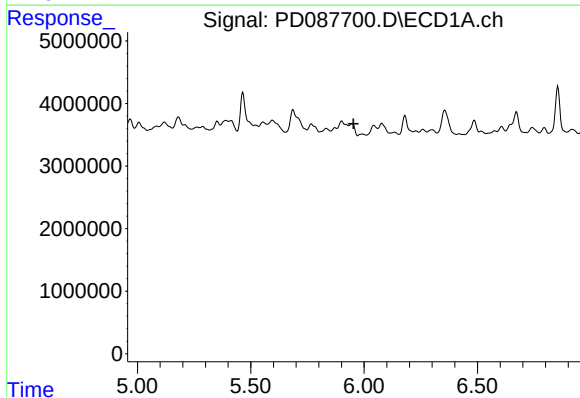
R.T.: 6.079 min  
Delta R.T.: -0.003 min  
Response: 1002250  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



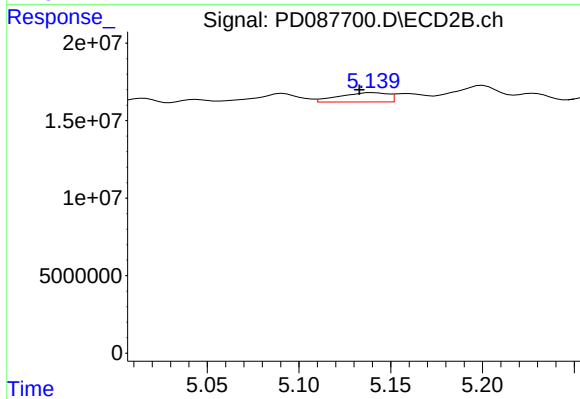
#9 Endosulfan I

R.T.: 5.264 min  
Delta R.T.: 0.009 min  
Response: 5013052  
Conc: 0.32 ng/ml



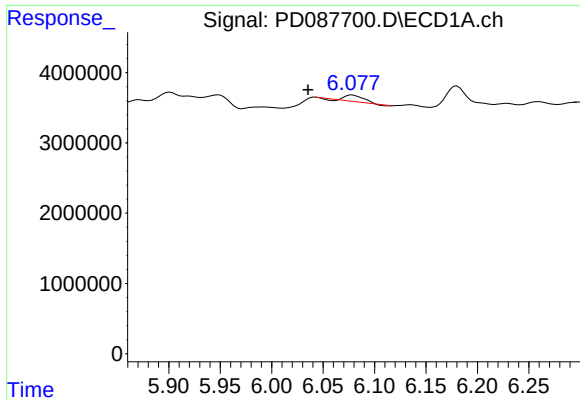
#10 trans-Chlordane

R.T.: 5.946 min  
Delta R.T.: -0.007 min  
Response: -475408  
Conc: N.D.



#10 trans-Chlordane

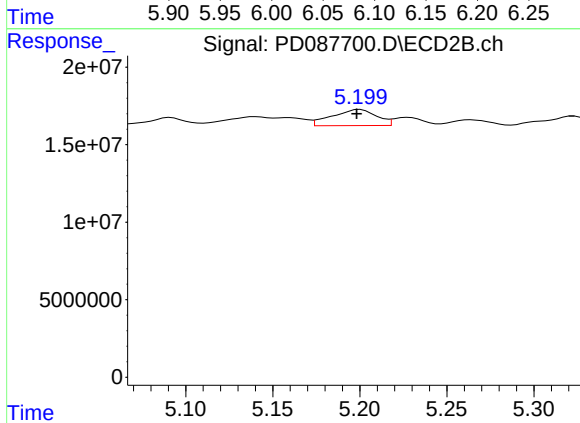
R.T.: 5.141 min  
Delta R.T.: 0.008 min  
Response: 10905649  
Conc: 0.61 ng/ml



#11 cis-Chlordane

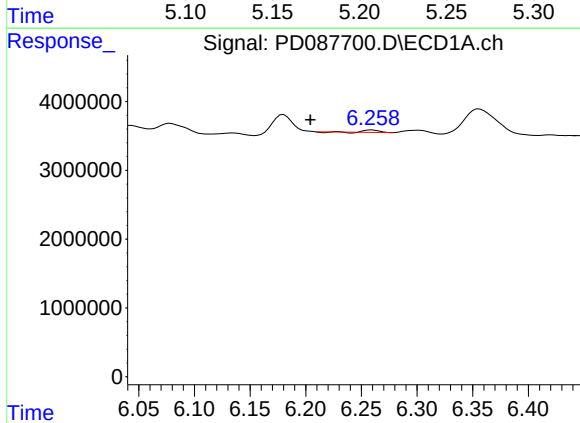
R.T.: 6.079 min  
Delta R.T.: 0.044 min  
Response: 1002250  
Conc: 0.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



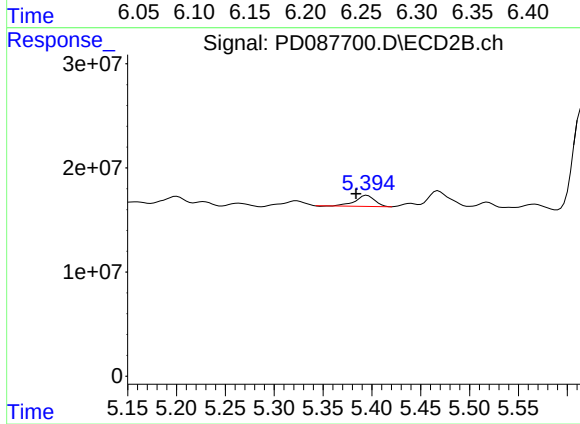
#11 cis-Chlordane

R.T.: 5.200 min  
Delta R.T.: 0.002 min  
Response: 18321127  
Conc: 1.06 ng/ml



#12 4,4'-DDE

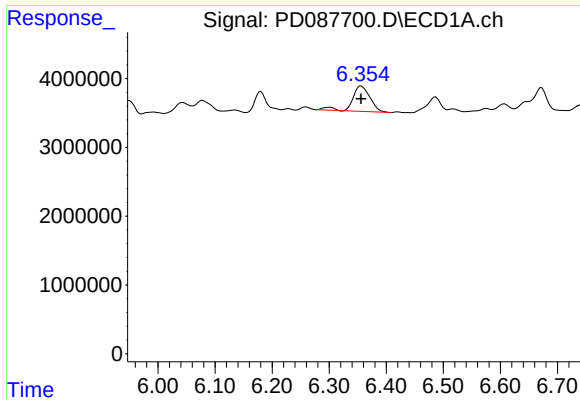
R.T.: 6.260 min  
Delta R.T.: 0.055 min  
Response: 256971  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.395 min  
Delta R.T.: 0.012 min  
Response: 14626297  
Conc: 0.89 ng/ml

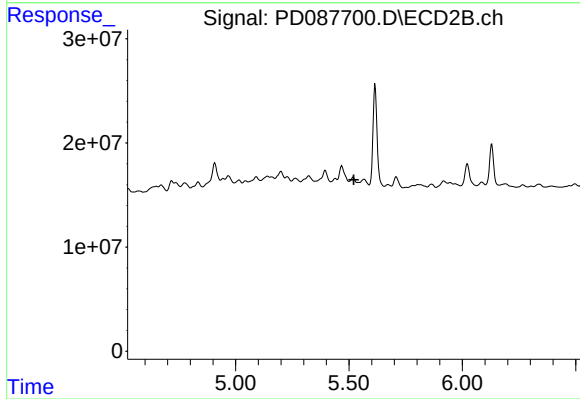




#13 Dieldrin

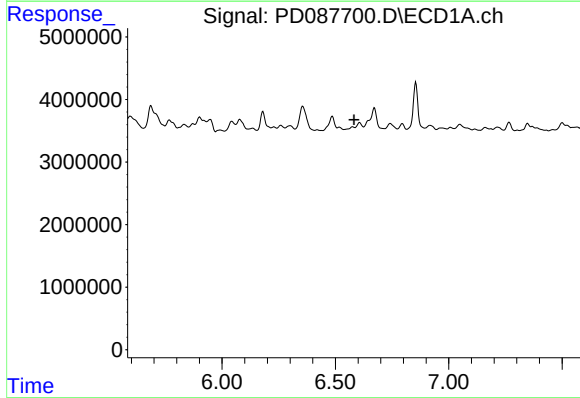
R.T.: 6.357 min  
Delta R.T.: 0.001 min  
Response: 7877410  
Conc: 2.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



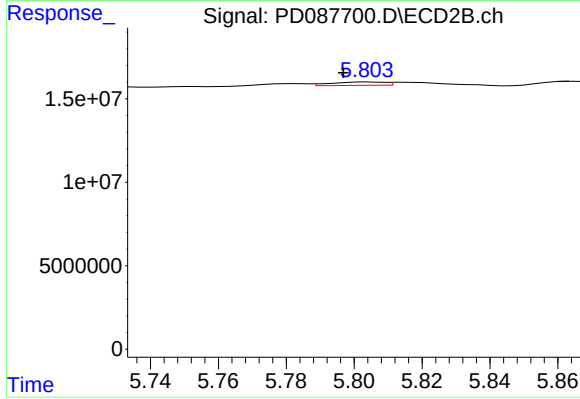
#13 Dieldrin

R.T.: 5.518 min  
Delta R.T.: -0.002 min  
Response: -5052096  
Conc: N.D.



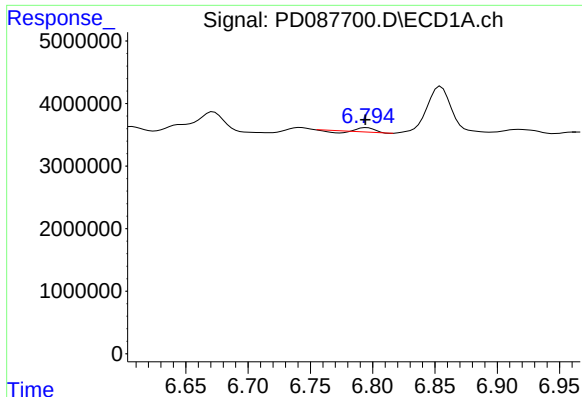
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.583 min  
Response: 0  
Conc: N.D.



#14 Endrin

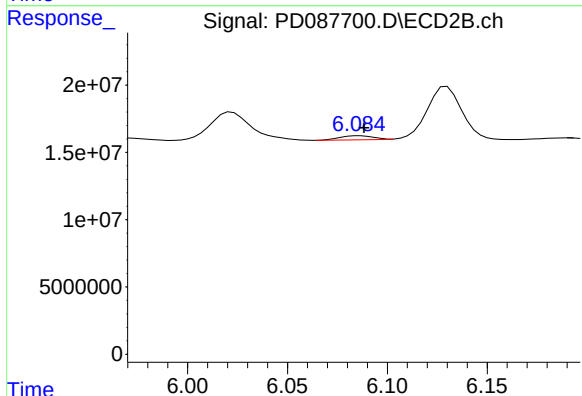
R.T.: 5.804 min  
Delta R.T.: 0.008 min  
Response: 2176446  
Conc: 0.15 ng/ml



#15 Endosulfan II

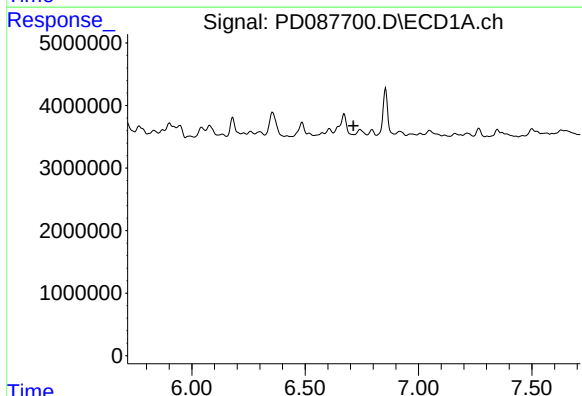
R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 323611  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



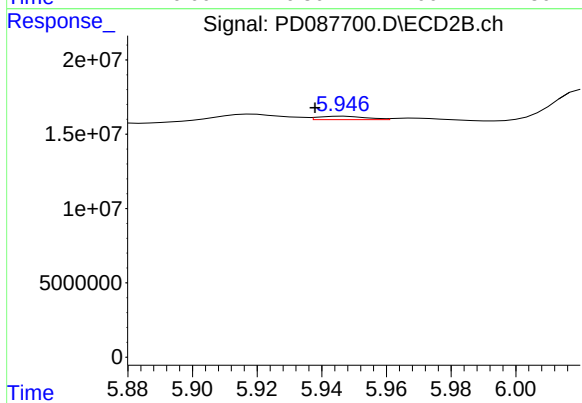
#15 Endosulfan II

R.T.: 6.086 min  
Delta R.T.: -0.002 min  
Response: 3545248  
Conc: 0.24 ng/ml



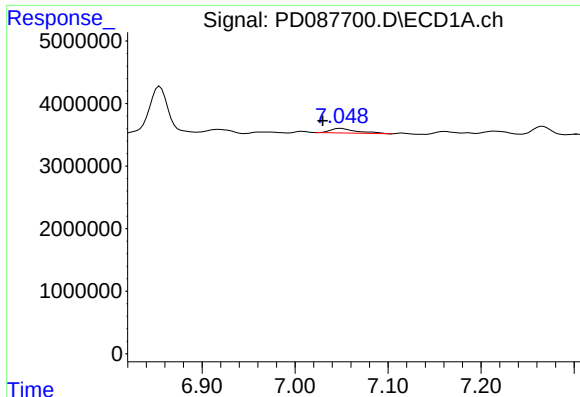
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.713 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

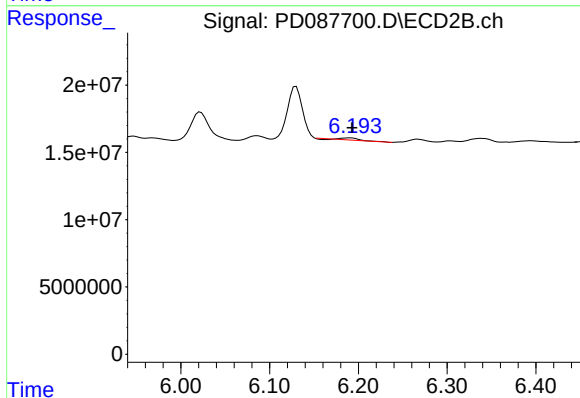
R.T.: 5.947 min  
Delta R.T.: 0.009 min  
Response: 2323821  
Conc: 0.17 ng/ml



#17 4,4'-DDT

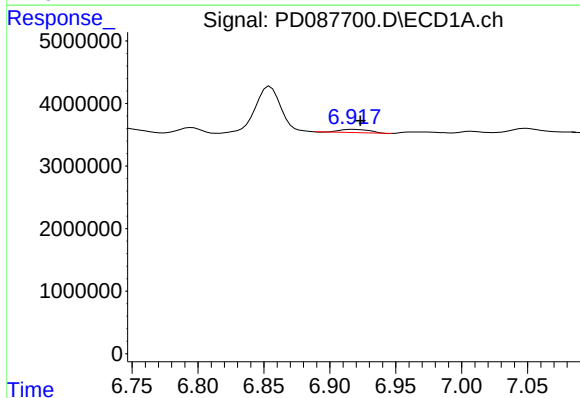
R.T.: 7.050 min  
Delta R.T.: 0.020 min  
Response: 1437323  
Conc: 0.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



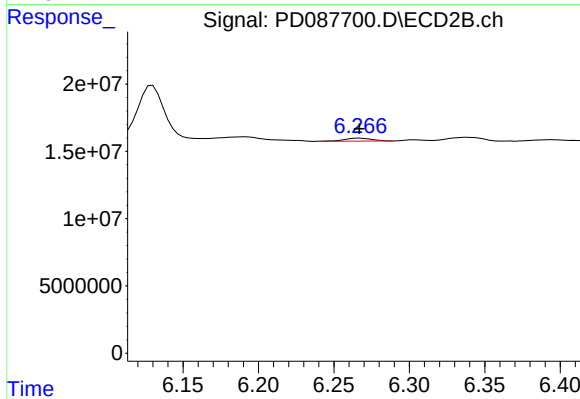
#17 4,4'-DDT

R.T.: 6.191 min  
Delta R.T.: -0.002 min  
Response: 1835452  
Conc: 0.13 ng/ml



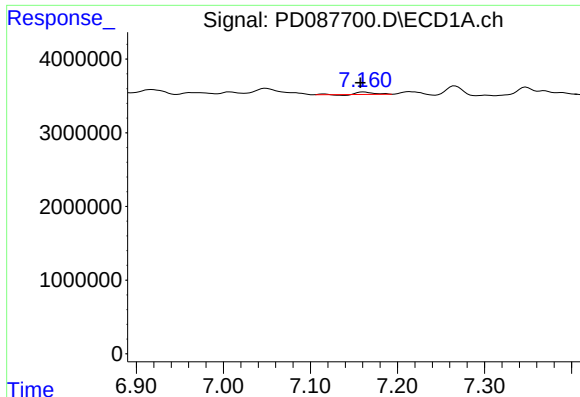
#18 Endrin aldehyde

R.T.: 6.918 min  
Delta R.T.: -0.005 min  
Response: 820740  
Conc: 0.33 ng/ml



#18 Endrin aldehyde

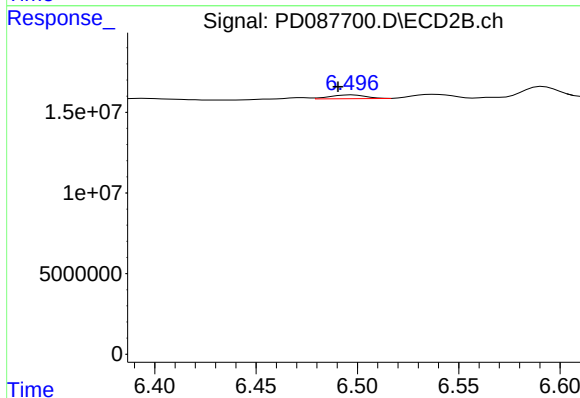
R.T.: 6.267 min  
Delta R.T.: 0.000 min  
Response: 2742746  
Conc: 0.24 ng/ml



#19 Endosulfan Sulfate

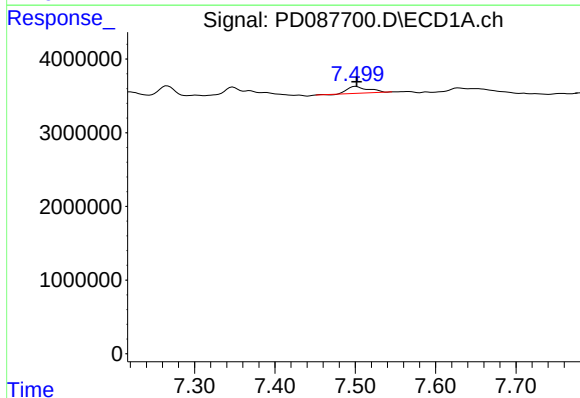
R.T.: 7.162 min  
Delta R.T.: 0.005 min  
Response: 410415  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



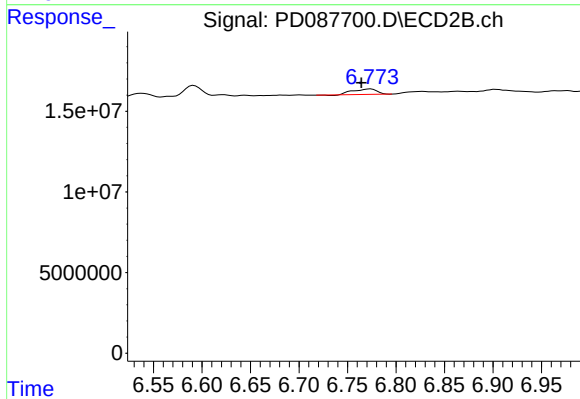
#19 Endosulfan Sulfate

R.T.: 6.497 min  
Delta R.T.: 0.007 min  
Response: 2864523  
Conc: 0.20 ng/ml



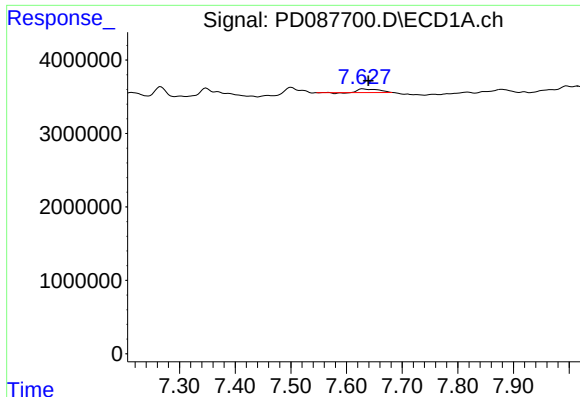
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 1665702  
Conc: 1.05 ng/ml



#20 Methoxychlor

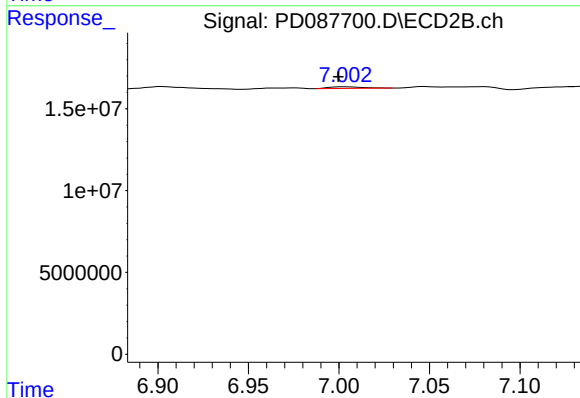
R.T.: 6.773 min  
Delta R.T.: 0.009 min  
Response: 5761525  
Conc: 0.94 ng/ml



#21 Endrin ketone

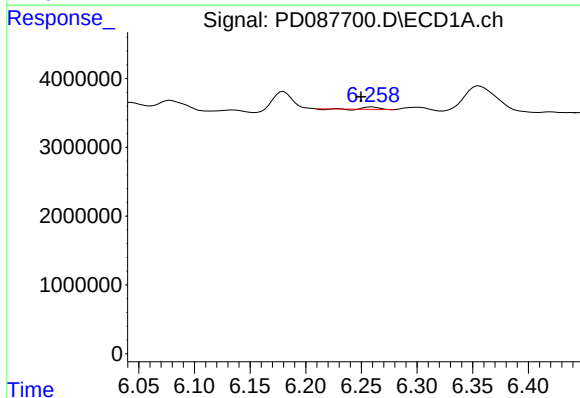
R.T.: 7.631 min  
Delta R.T.: -0.008 min  
Response: 1274514  
Conc: 0.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



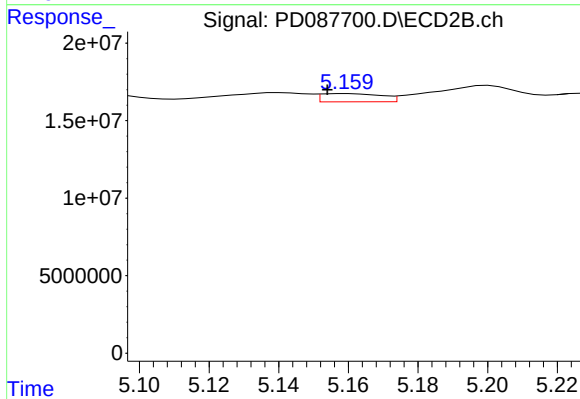
#21 Endrin ketone

R.T.: 7.004 min  
Delta R.T.: 0.004 min  
Response: 1248864  
Conc: N.D.



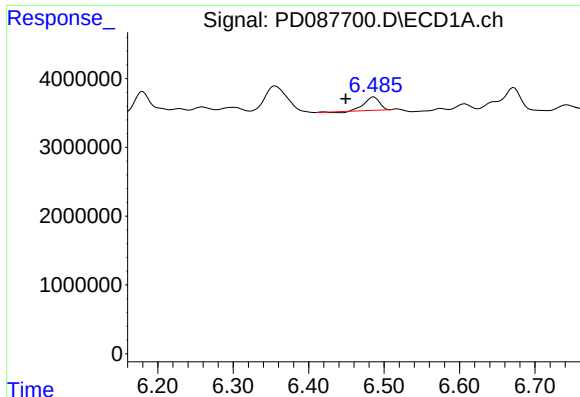
#22 Toxaphene-1

R.T.: 6.260 min  
Delta R.T.: 0.010 min  
Response: 256971  
Conc: 11.25 ng/ml



#22 Toxaphene-1

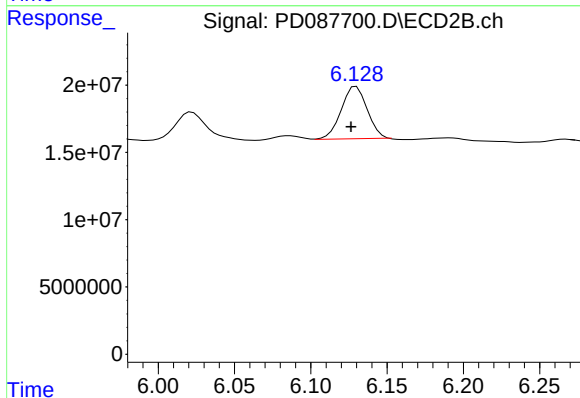
R.T.: 5.160 min  
Delta R.T.: 0.006 min  
Response: 6334067  
Conc: 72.97 ng/ml



#23 Toxaphene-2

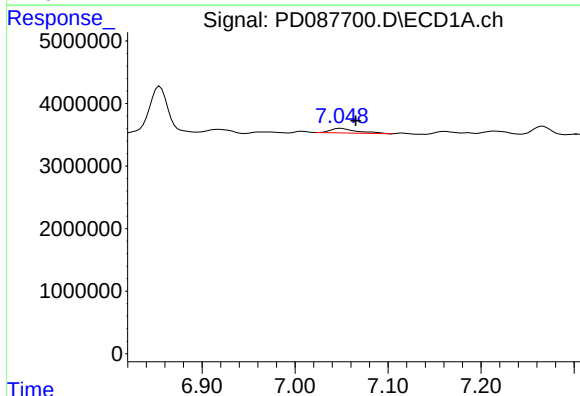
R.T.: 6.486 min  
Delta R.T.: 0.037 min  
Response: 2561904  
Conc: 79.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



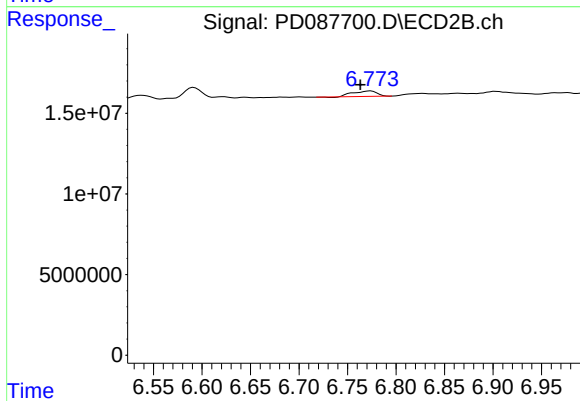
#23 Toxaphene-2

R.T.: 6.130 min  
Delta R.T.: 0.003 min  
Response: 46055386  
Conc: 492.06 ng/ml



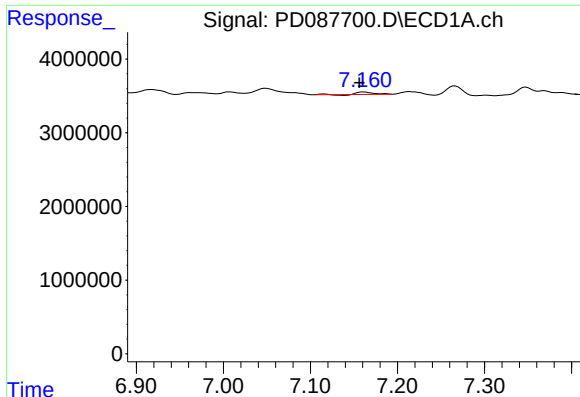
#24 Toxaphene-3

R.T.: 7.050 min  
Delta R.T.: -0.016 min  
Response: 1437323  
Conc: 16.19 ng/ml



#24 Toxaphene-3

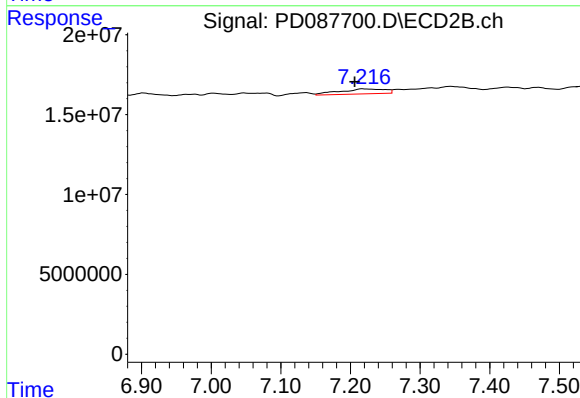
R.T.: 6.773 min  
Delta R.T.: 0.010 min  
Response: 5761525  
Conc: 19.36 ng/ml



#25 Toxaphene-4

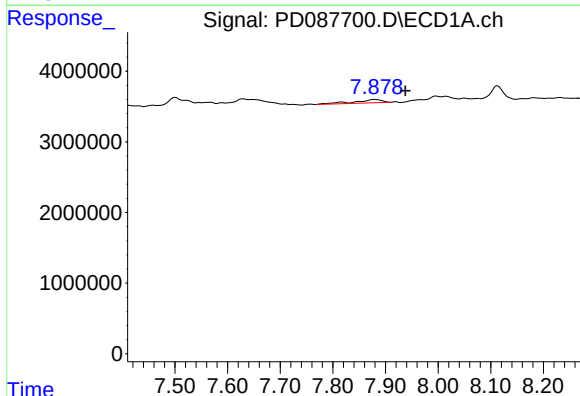
R.T.: 7.162 min  
Delta R.T.: 0.006 min  
Response: 410415  
Conc: 6.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



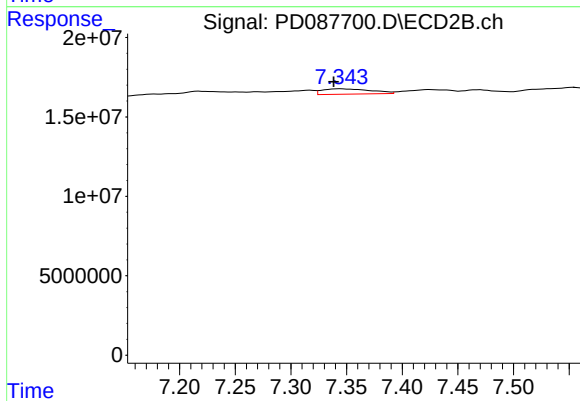
#25 Toxaphene-4

R.T.: 7.218 min  
Delta R.T.: 0.011 min  
Response: 14163266  
Conc: 66.86 ng/ml



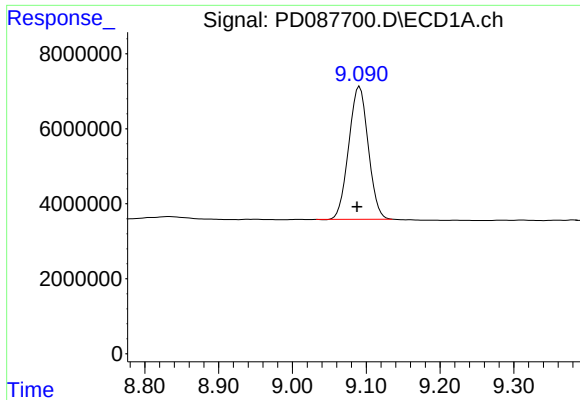
#26 Toxaphene-5

R.T.: 7.880 min  
Delta R.T.: -0.058 min  
Response: 1689236  
Conc: 34.76 ng/ml



#26 Toxaphene-5

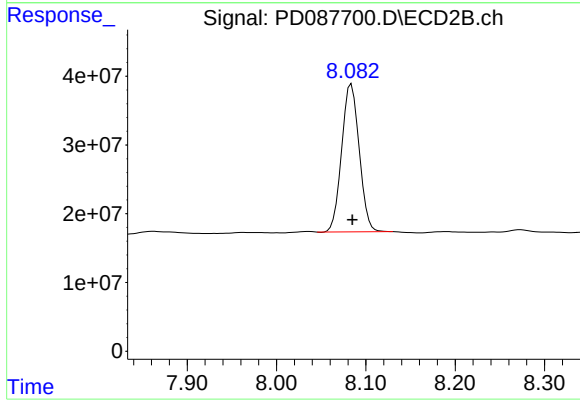
R.T.: 7.344 min  
Delta R.T.: 0.006 min  
Response: 10288182  
Conc: 66.34 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.091 min  
Delta R.T.: 0.003 min  
Response: 65085654  
Conc: 19.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.084 min  
Delta R.T.: 0.000 min  
Response: 292954667  
Conc: 20.23 ng/ml