

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111124\  
 Data File : PD086510.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2024 09:28  
 Operator : AR\AJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 HEXANE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 12 01:32:23 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD103024.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 31 11:38:14 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... | 3.590f | 2.888  | 150909  | 146589   | 0.103 | 0.015 # |
| 2)                          | SA Decachlor... | 0.000  | 8.092  | 0       | 1243502  | N.D.  | 0.116 # |
| Target Compounds            |                 |        |        |         |          |       |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.393  | 0       | 71319    | N.D.  | 0.005 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.721f | 0       | 123386   | N.D.  | 0.008 # |
| 4)                          | MA Heptachlor   | 0.000  | 4.096  | 0       | 238212   | N.D.  | 0.017 # |
| 5)                          | MB Aldrin       | 5.282  | 4.400f | 33580   | 1433118  | 0.012 | 0.098 # |
| 6)                          | B beta-BHC      | 0.000  | 4.039  | 0       | 625095   | N.D.  | 0.098 # |
| 7)                          | B delta-BHC     | 4.796f | 4.268  | 409797  | 921277   | 0.139 | 0.062 # |
| 8)                          | B Heptachlo...  | 0.000  | 4.902  | 0       | 1708128  | N.D.  | 0.130 # |
| 9)                          | A Endosulfan I  | 6.078  | 0.000  | 633367  | 0        | 0.276 | N.D. #  |
| 10)                         | B gamma-Chl...  | 5.951  | 5.159f | 1050232 | 2081957  | 0.436 | 0.153 # |
| 11)                         | B alpha-Chl...  | 0.000  | 5.207  | 0       | 2409783  | N.D.  | 0.180 # |
| 12)                         | B 4,4'-DDE      | 6.208  | 5.410f | 18758   | 4822315  | 0.008 | 0.369 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.544  | 0       | 57119    | N.D.  | 0.004 # |
| 14)                         | MA Endrin       | 6.590  | 5.809  | 299113  | 6140411  | 0.139 | 0.500 # |
| 15)                         | B Endosulfa...  | 6.799  | 6.084  | 293853  | 6518150  | 0.136 | 0.543 # |
| 16)                         | A 4,4'-DDD      | 6.728  | 5.940  | 323166  | 98721    | 0.179 | 0.009 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.215  | 0       | 13430925 | N.D.  | 1.158 # |
| 18)                         | B Endrin al...  | 0.000  | 6.282  | 0       | 5191617  | N.D.  | 0.554 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.508  | 0       | 18405954 | N.D.  | 1.590 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.790  | 0       | 9428533  | N.D.  | 1.492 # |
| 21)                         | B Endrin ke...  | 0.000  | 7.008  | 0       | 1075833  | N.D.  | 0.085 # |
| 22)                         | Mirex           | 8.138  | 7.203  | 143516  | 14310263 | 0.087 | 1.377 # |
| 23)                         | Chlordane-1     | 0.000  | 3.914  | 0       | 217950   | N.D.  | 0.469 # |
| 24)                         | Chlordane-2     | 5.261  | 4.477f | 83903   | 1265367  | 0.859 | 2.554 # |
| 25)                         | Chlordane-3     | 5.951  | 5.159  | 1050232 | 2081957  | 2.776 | 1.398 # |
| 26)                         | Chlordane-4     | 6.078f | 5.207  | 633367  | 2409783  | 1.379 | 1.918 # |
| 27)                         | Chlordane-5     | 0.000  | 5.884  | 0       | 452720   | N.D.  | 1.109 # |
| -----                       |                 |        |        |         |          |       |         |

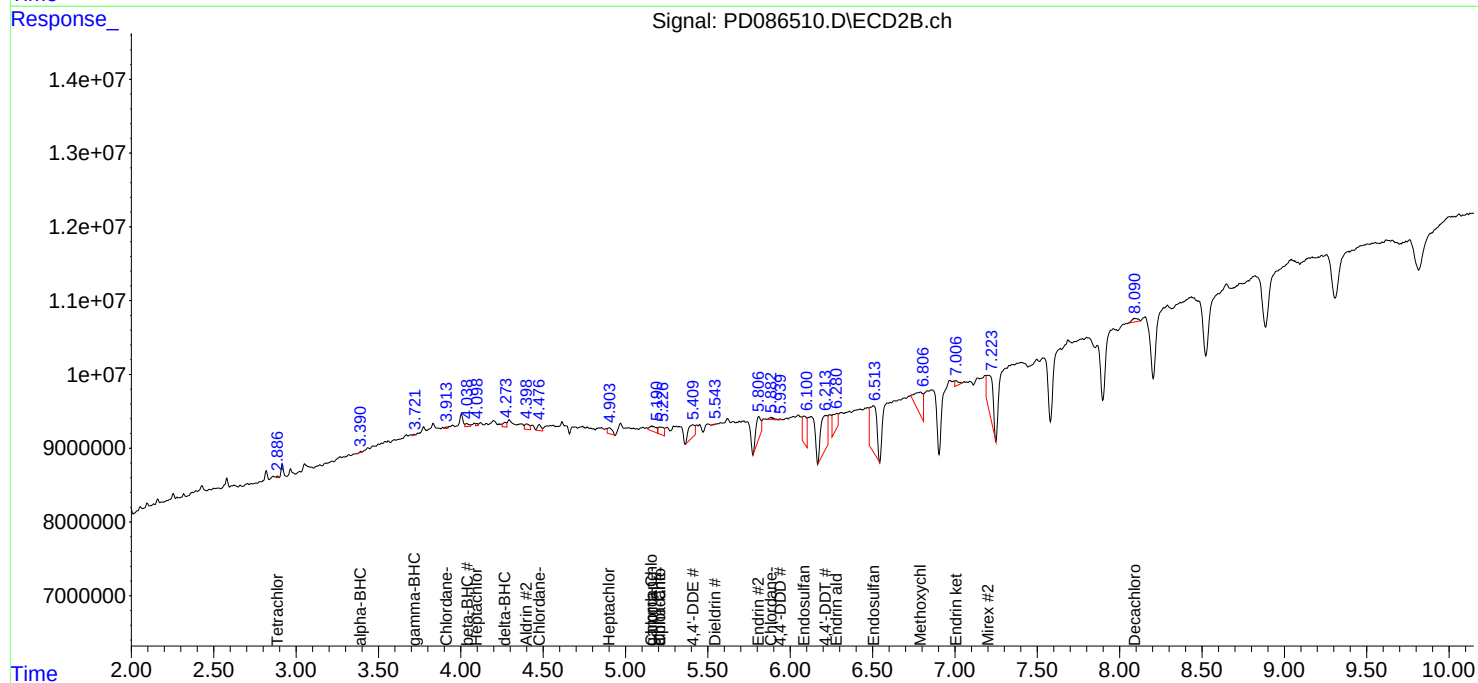
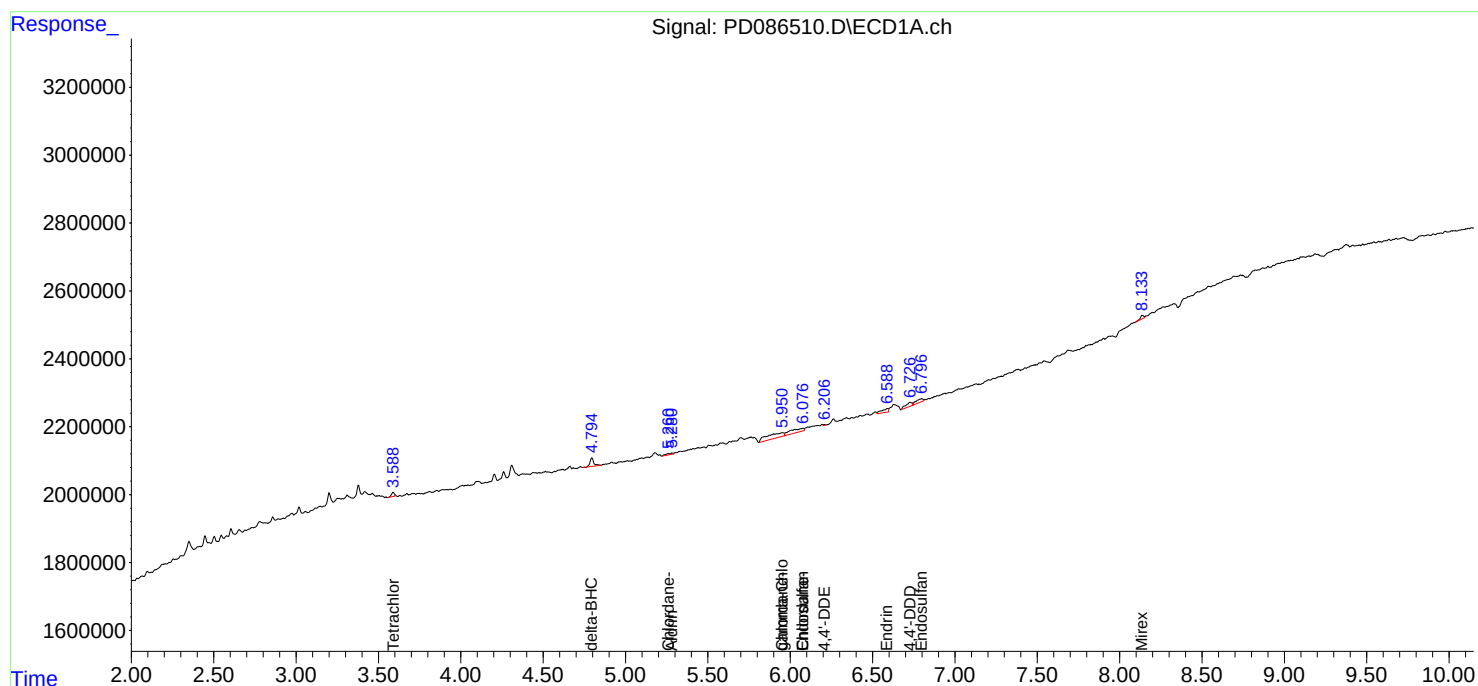
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

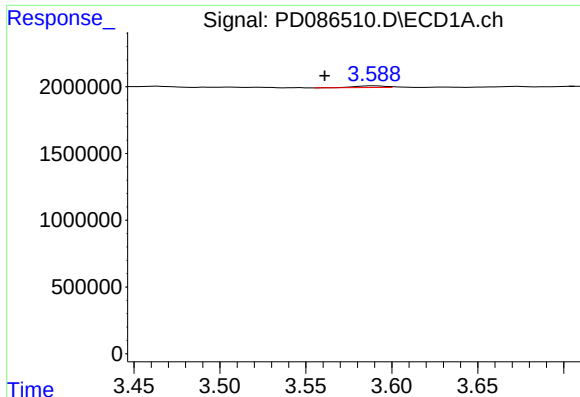
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111124\  
Data File : PD086510.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Nov 2024 09:28  
Operator : AR\AJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 12 01:32:23 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD103024.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 31 11:38:14 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

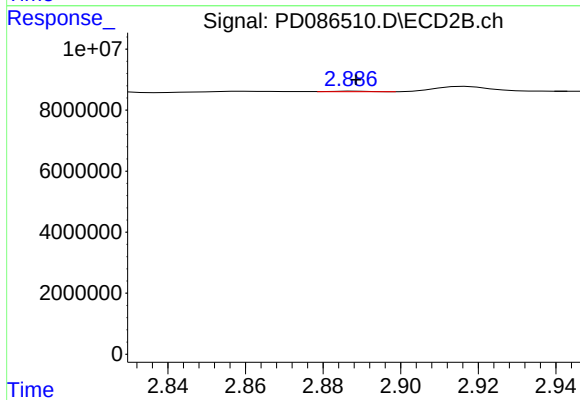




#1 Tetrachloro-m-xylene

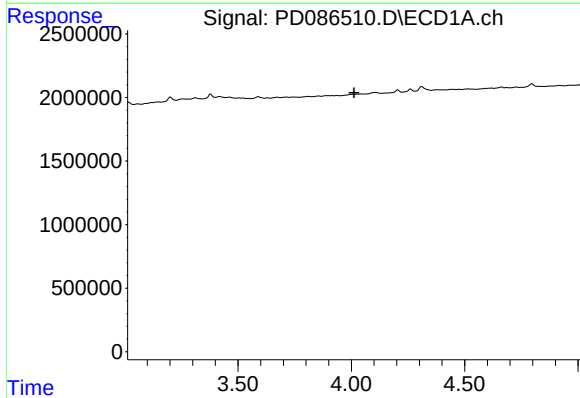
R.T.: 3.590 min  
Delta R.T.: 0.029 min  
Response: 150909  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



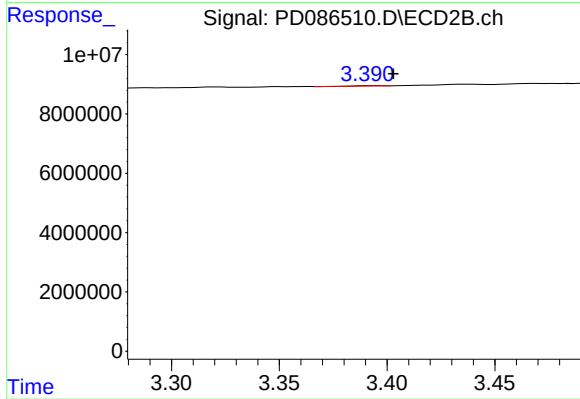
#1 Tetrachloro-m-xylene

R.T.: 2.888 min  
Delta R.T.: 0.000 min  
Response: 146589  
Conc: 0.01 ng/ml



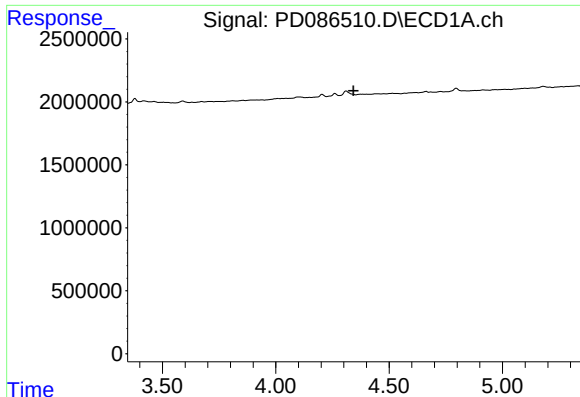
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.012 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

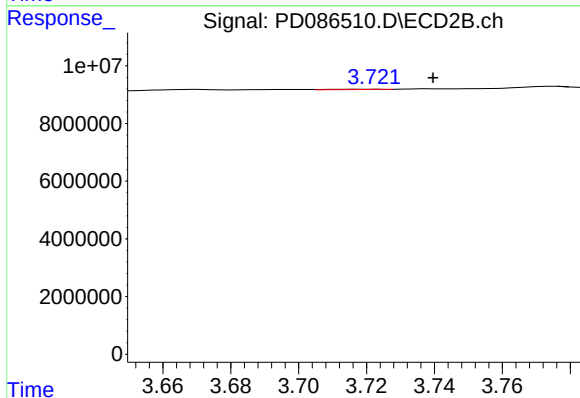
R.T.: 3.393 min  
Delta R.T.: -0.010 min  
Response: 71319  
Conc: 0.00 ng/ml



#3 gamma-BHC (Lindane)

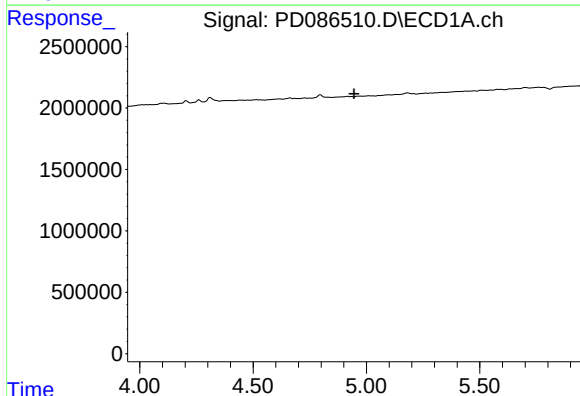
R.T.: 0.000 min  
Exp R.T.: 4.343 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



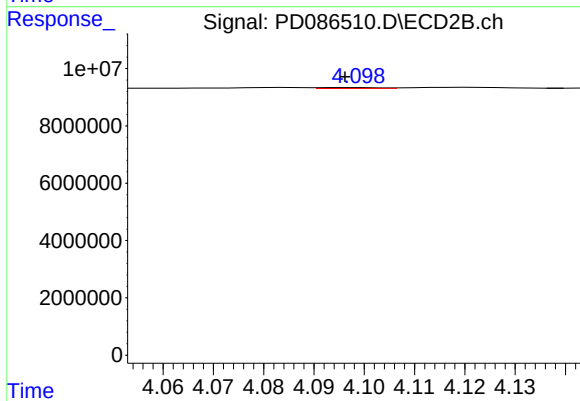
#3 gamma-BHC (Lindane)

R.T.: 3.721 min  
Delta R.T.: -0.018 min  
Response: 123386  
Conc: 0.01 ng/ml



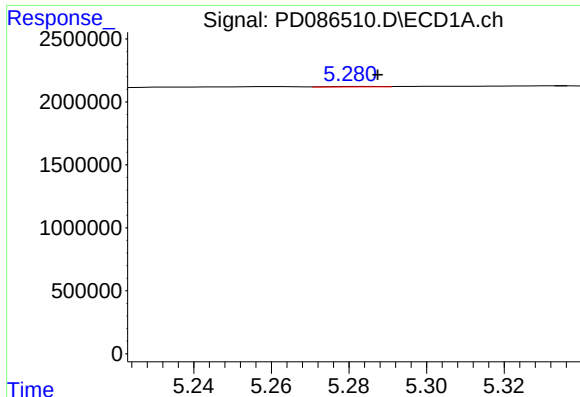
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.945 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

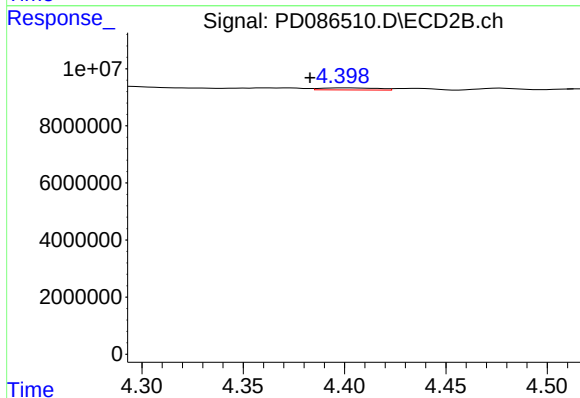
R.T.: 4.096 min  
Delta R.T.: 0.000 min  
Response: 238212  
Conc: 0.02 ng/ml



#5 Aldrin

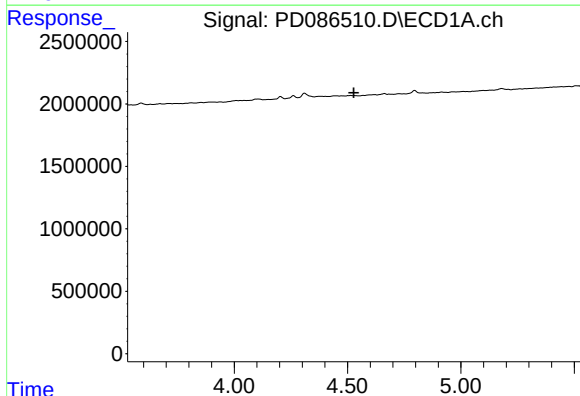
R.T.: 5.282 min  
Delta R.T.: -0.006 min  
Response: 33580  
Conc: 0.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



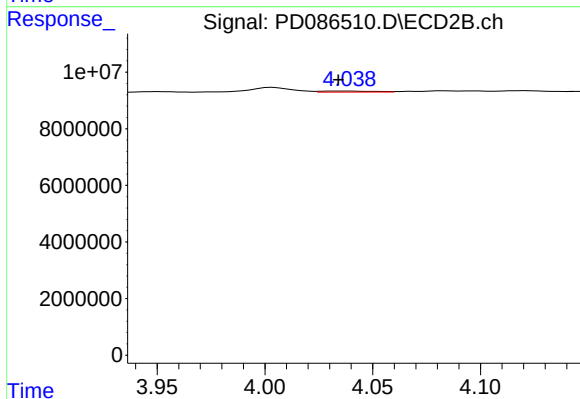
#5 Aldrin

R.T.: 4.400 min  
Delta R.T.: 0.017 min  
Response: 1433118  
Conc: 0.10 ng/ml



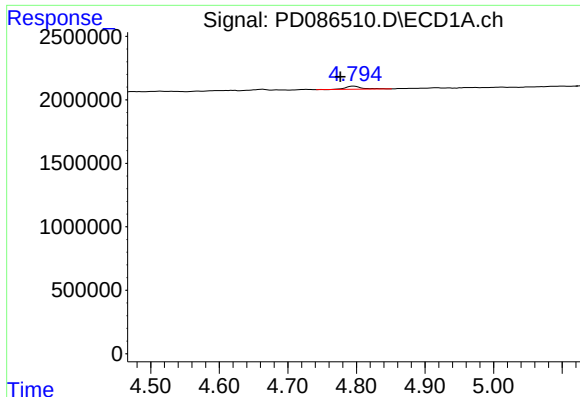
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.527 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

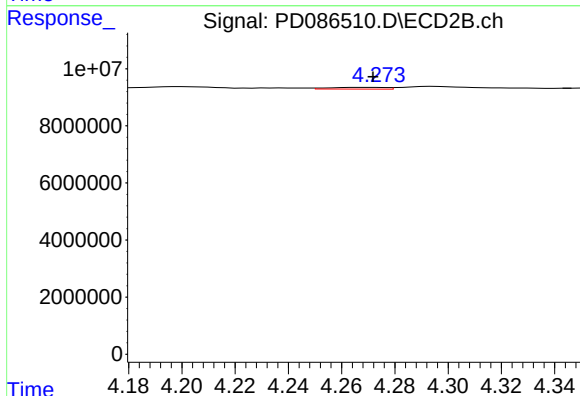
R.T.: 4.039 min  
Delta R.T.: 0.004 min  
Response: 625095  
Conc: 0.10 ng/ml



#7 delta-BHC

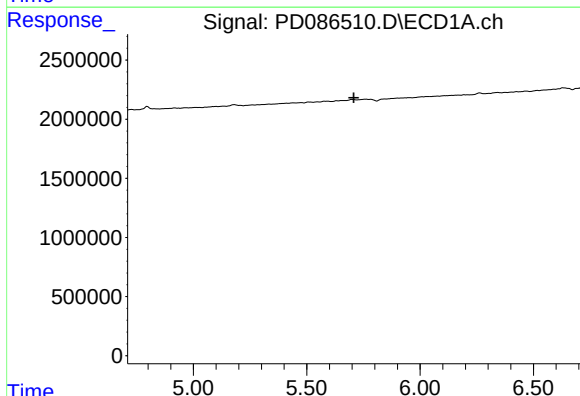
R.T.: 4.796 min  
Delta R.T.: 0.019 min  
Response: 409797  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



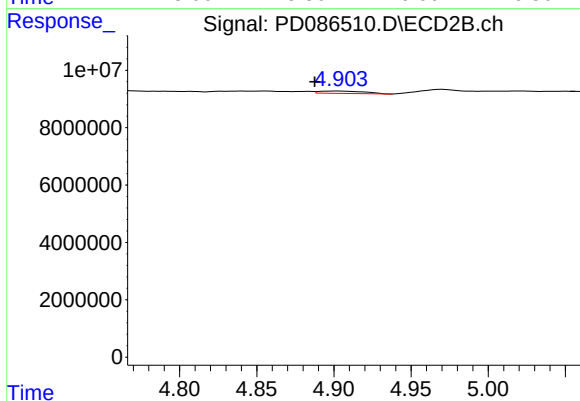
#7 delta-BHC

R.T.: 4.268 min  
Delta R.T.: -0.004 min  
Response: 921277  
Conc: 0.06 ng/ml



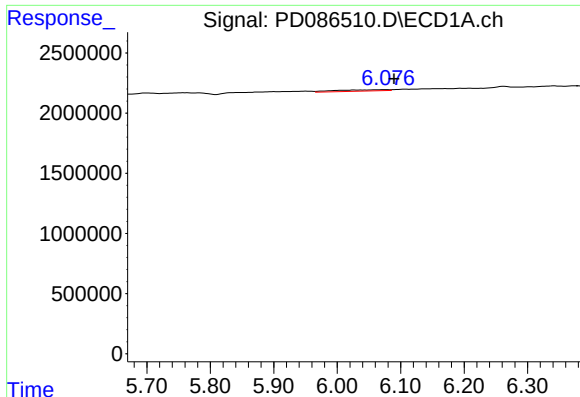
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.707 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

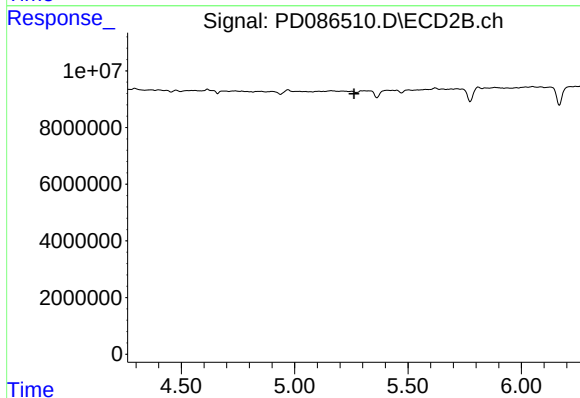
R.T.: 4.902 min  
Delta R.T.: 0.014 min  
Response: 1708128  
Conc: 0.13 ng/ml



#9 Endosulfan I

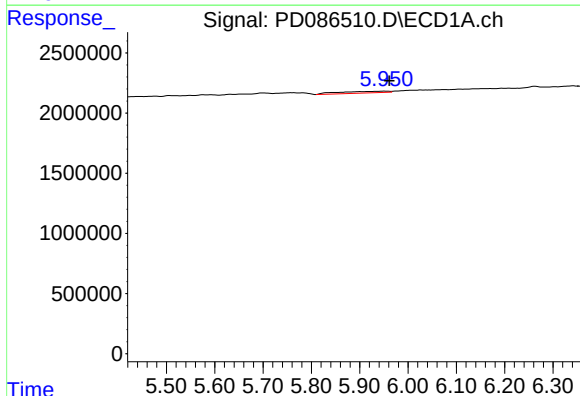
R.T.: 6.078 min  
Delta R.T.: -0.012 min  
Response: 633367  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



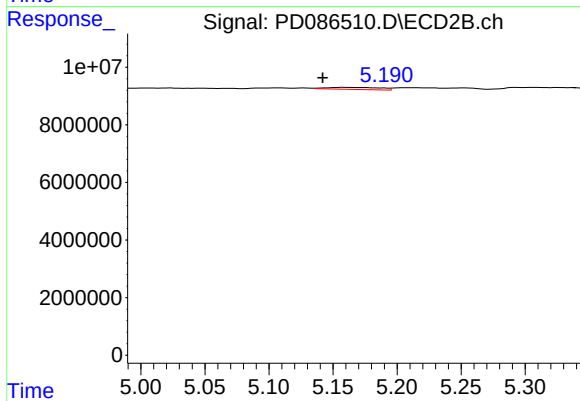
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.263 min  
Response: 0  
Conc: N.D.



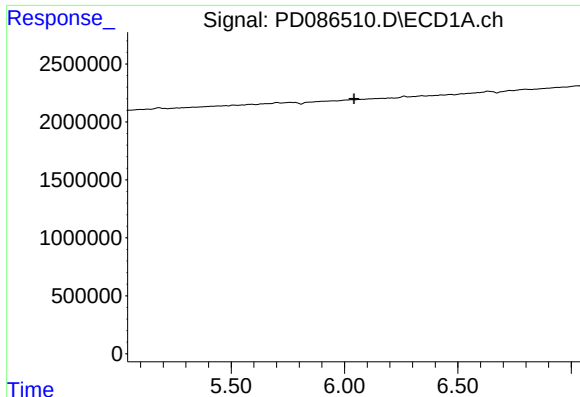
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: -0.010 min  
Response: 1050232  
Conc: 0.44 ng/ml



#10 gamma-Chlordane

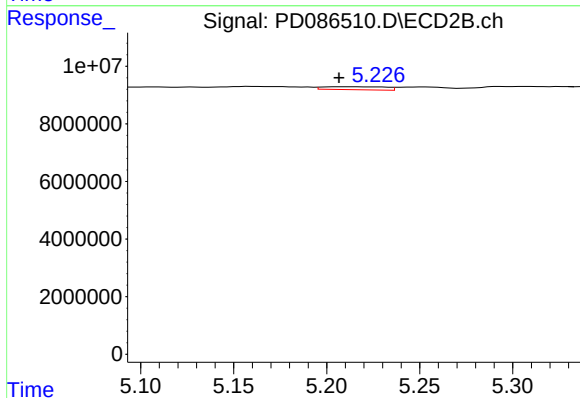
R.T.: 5.159 min  
Delta R.T.: 0.017 min  
Response: 2081957  
Conc: 0.15 ng/ml



#11 alpha-Chlordane

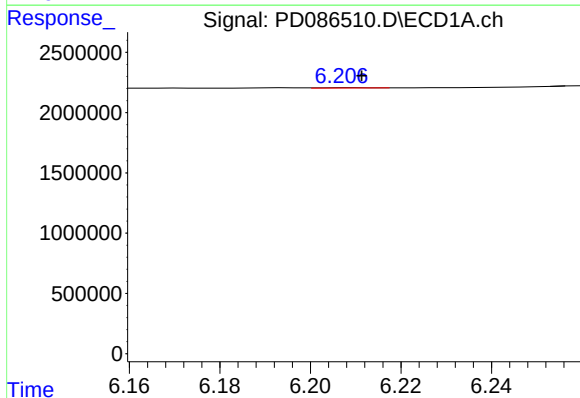
R.T.: 0.000 min  
Exp R.T.: 6.043 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



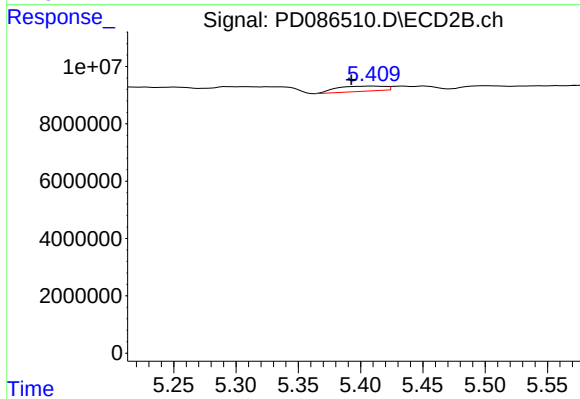
#11 alpha-Chlordane

R.T.: 5.207 min  
Delta R.T.: 0.000 min  
Response: 2409783  
Conc: 0.18 ng/ml



#12 4,4'-DDE

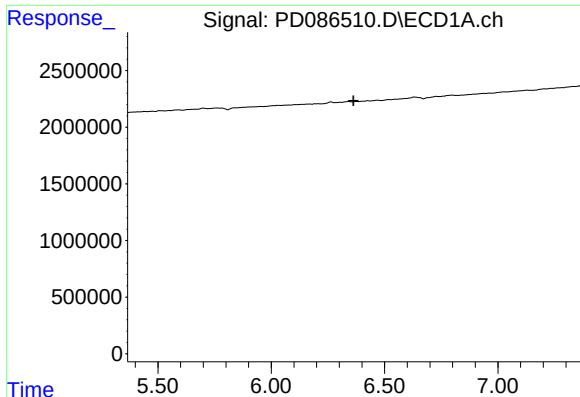
R.T.: 6.208 min  
Delta R.T.: -0.003 min  
Response: 18758  
Conc: 0.01 ng/ml



#12 4,4'-DDE

R.T.: 5.410 min  
Delta R.T.: 0.017 min  
Response: 4822315  
Conc: 0.37 ng/ml

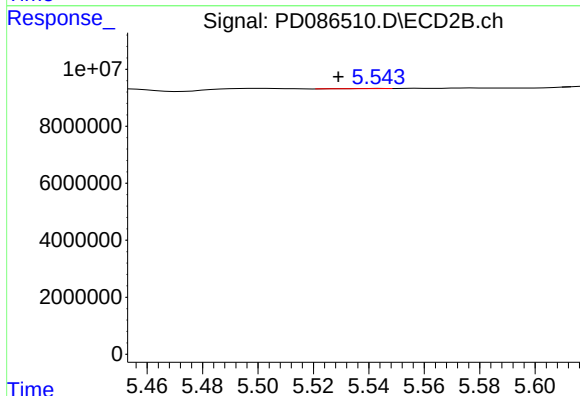




#13 Dieldrin

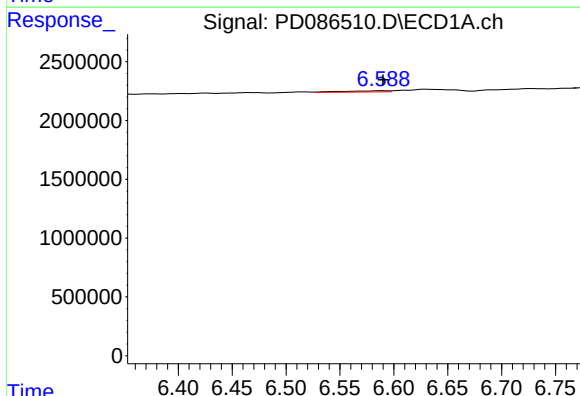
R.T.: 0.000 min  
Exp R.T.: 6.363 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



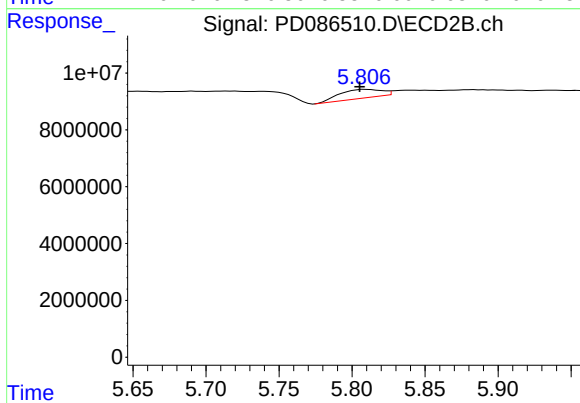
#13 Dieldrin

R.T.: 5.544 min  
Delta R.T.: 0.014 min  
Response: 57119  
Conc: 0.00 ng/ml



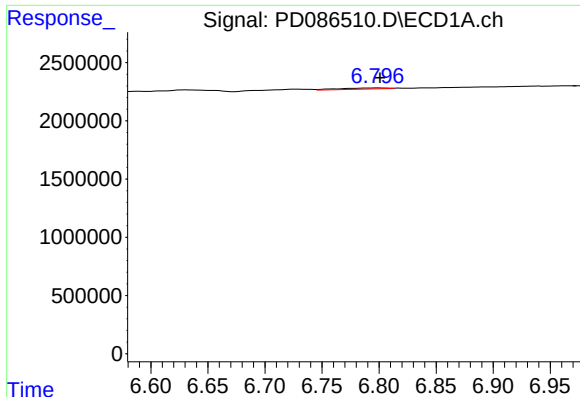
#14 Endrin

R.T.: 6.590 min  
Delta R.T.: 0.000 min  
Response: 299113  
Conc: 0.14 ng/ml



#14 Endrin

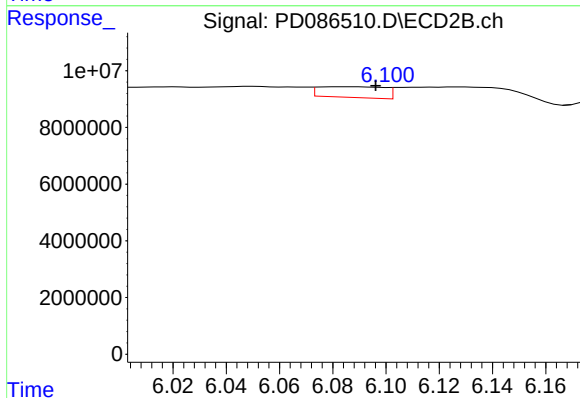
R.T.: 5.809 min  
Delta R.T.: 0.004 min  
Response: 6140411  
Conc: 0.50 ng/ml



#15 Endosulfan II

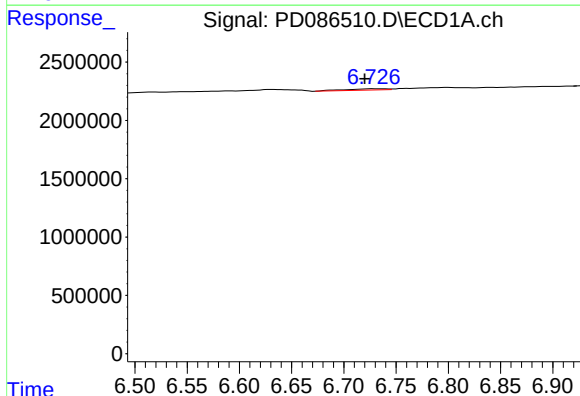
R.T.: 6.799 min  
Delta R.T.: -0.002 min  
Response: 293853  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



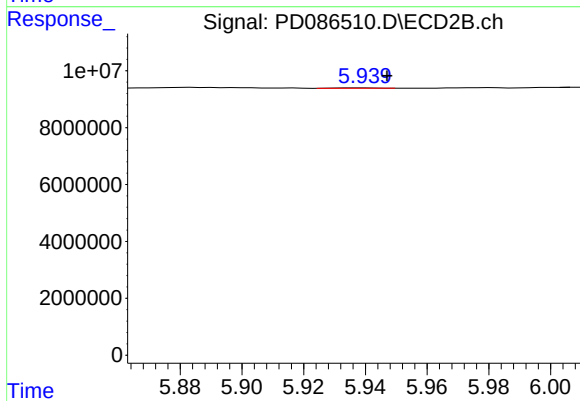
#15 Endosulfan II

R.T.: 6.084 min  
Delta R.T.: -0.012 min  
Response: 6518150  
Conc: 0.54 ng/ml



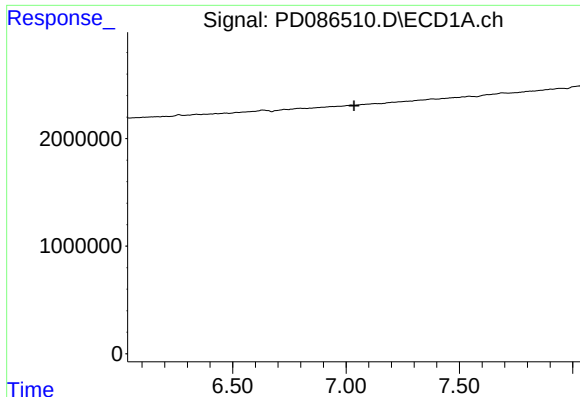
#16 4,4'-DDD

R.T.: 6.728 min  
Delta R.T.: 0.008 min  
Response: 323166  
Conc: 0.18 ng/ml



#16 4,4'-DDD

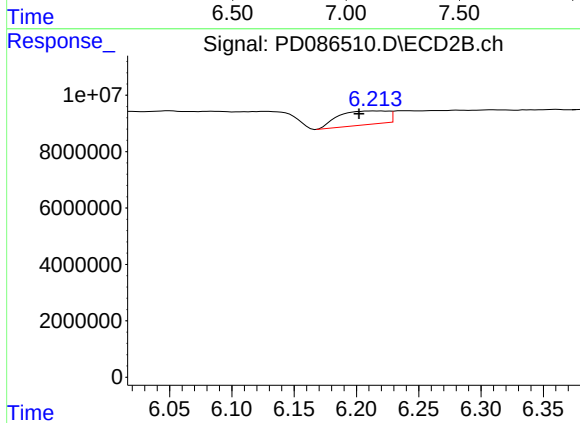
R.T.: 5.940 min  
Delta R.T.: -0.007 min  
Response: 98721  
Conc: 0.01 ng/ml



#17 4,4'-DDT

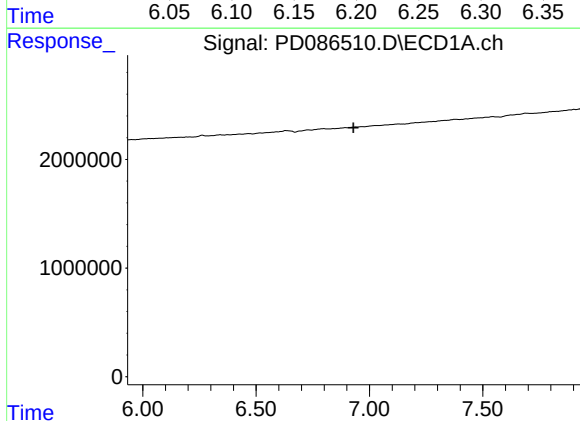
R.T.: 0.000 min  
Exp R.T.: 7.036 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



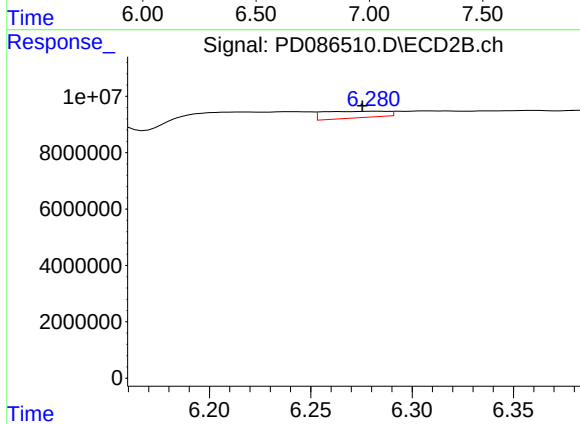
#17 4,4'-DDT

R.T.: 6.215 min  
Delta R.T.: 0.012 min  
Response: 13430925  
Conc: 1.16 ng/ml



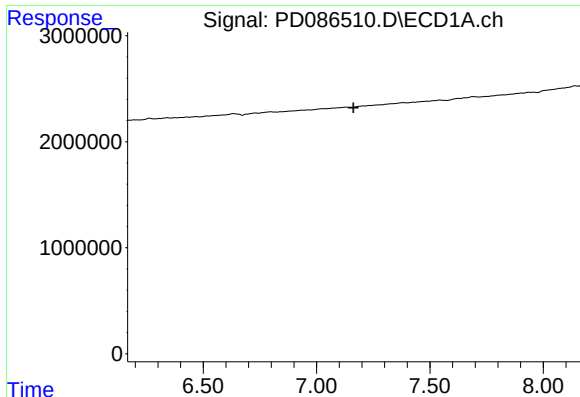
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.930 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

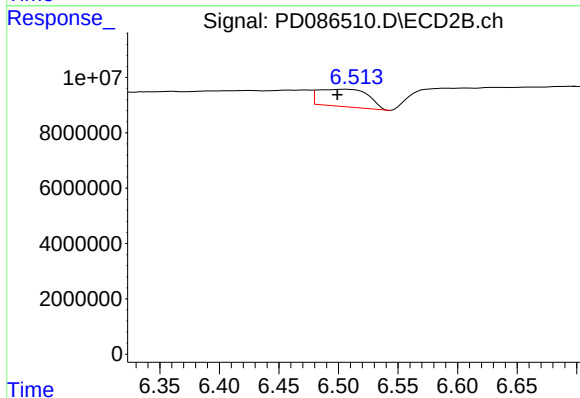
R.T.: 6.282 min  
Delta R.T.: 0.007 min  
Response: 5191617  
Conc: 0.55 ng/ml



#19 Endosulfan Sulfate

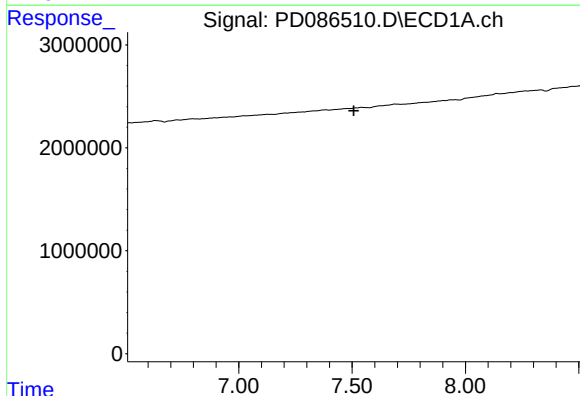
R.T.: 0.000 min  
Exp R.T.: 7.163 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



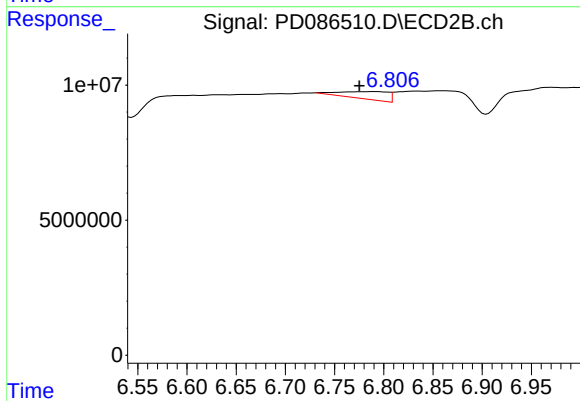
#19 Endosulfan Sulfate

R.T.: 6.508 min  
Delta R.T.: 0.008 min  
Response: 18405954  
Conc: 1.59 ng/ml



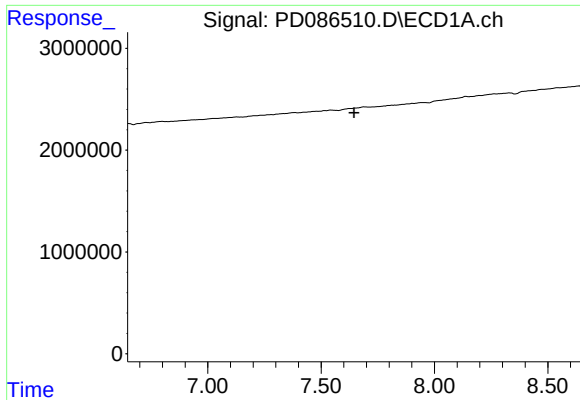
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.508 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

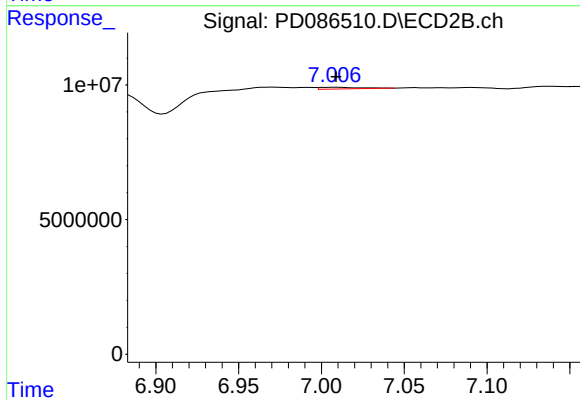
R.T.: 6.790 min  
Delta R.T.: 0.015 min  
Response: 9428533  
Conc: 1.49 ng/ml



#21 Endrin ketone

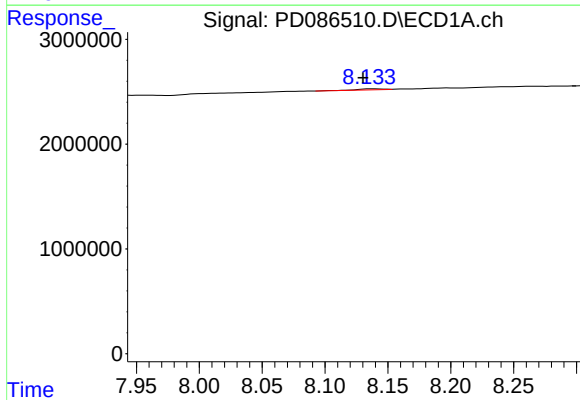
R.T.: 0.000 min  
Exp R.T.: 7.645 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



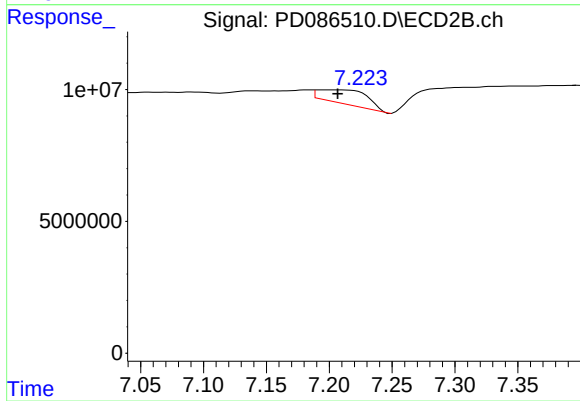
#21 Endrin ketone

R.T.: 7.008 min  
Delta R.T.: 0.000 min  
Response: 1075833  
Conc: 0.08 ng/ml



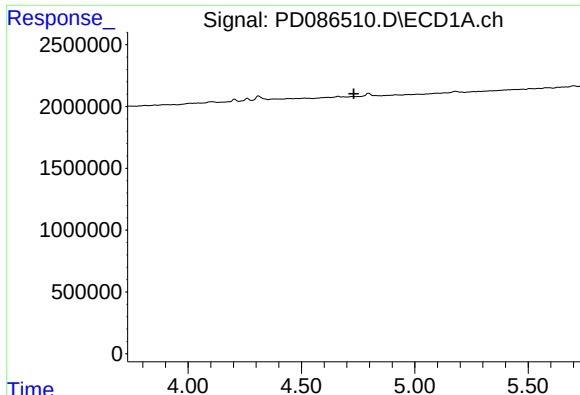
#22 Mirex

R.T.: 8.138 min  
Delta R.T.: 0.008 min  
Response: 143516  
Conc: 0.09 ng/ml



#22 Mirex

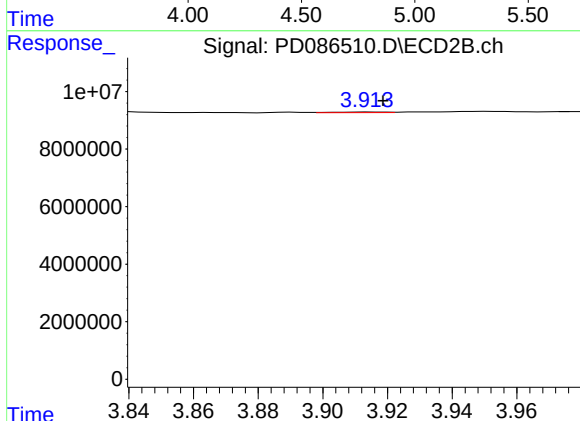
R.T.: 7.203 min  
Delta R.T.: -0.004 min  
Response: 14310263  
Conc: 1.38 ng/ml



#23 Chlordane-1

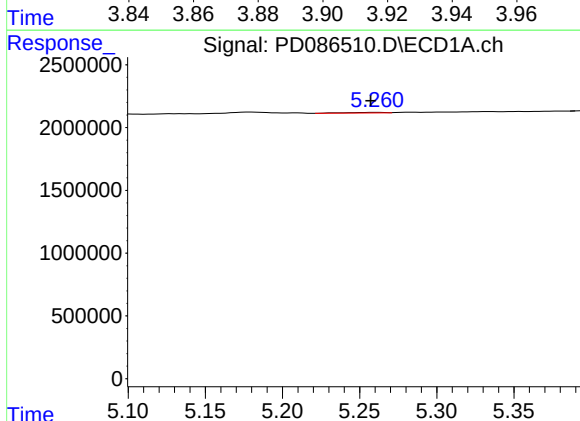
R.T.: 0.000 min  
Exp R.T.: 4.731 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



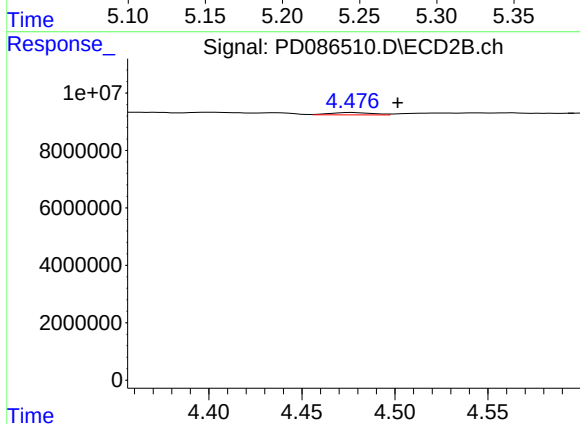
#23 Chlordane-1

R.T.: 3.914 min  
Delta R.T.: -0.004 min  
Response: 217950  
Conc: 0.47 ng/ml



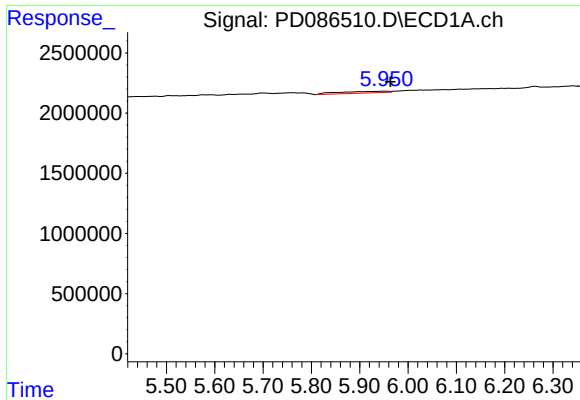
#24 Chlordane-2

R.T.: 5.261 min  
Delta R.T.: 0.004 min  
Response: 83903  
Conc: 0.86 ng/ml



#24 Chlordane-2

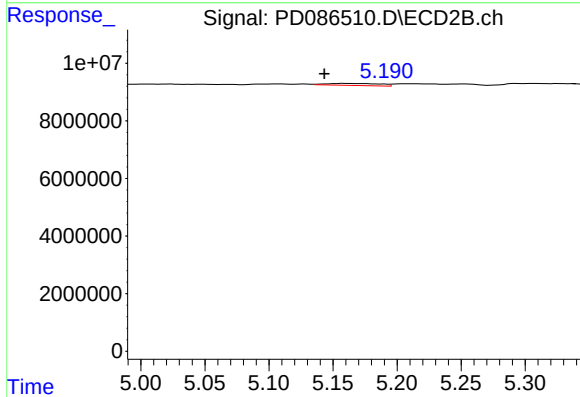
R.T.: 4.477 min  
Delta R.T.: -0.025 min  
Response: 1265367  
Conc: 2.55 ng/ml



#25 Chlordane-3

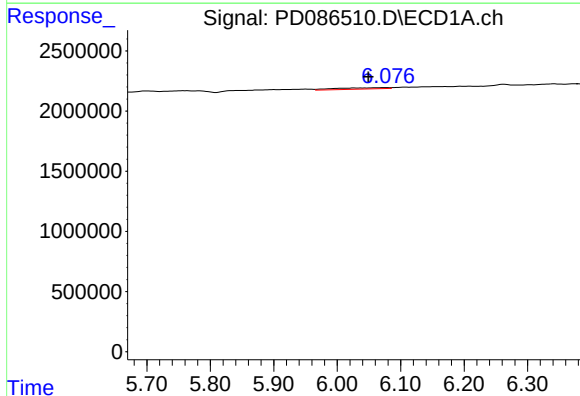
R.T.: 5.951 min  
Delta R.T.: -0.012 min  
Response: 1050232  
Conc: 2.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



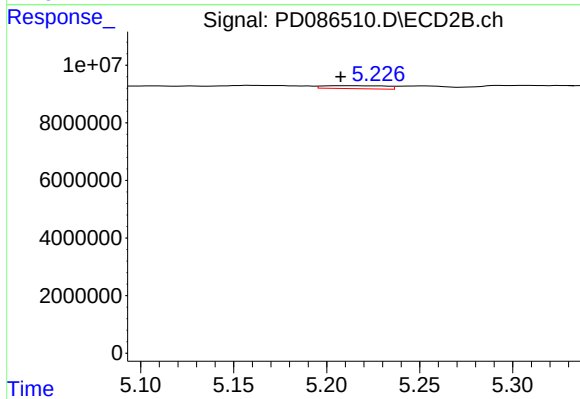
#25 Chlordane-3

R.T.: 5.159 min  
Delta R.T.: 0.016 min  
Response: 2081957  
Conc: 1.40 ng/ml



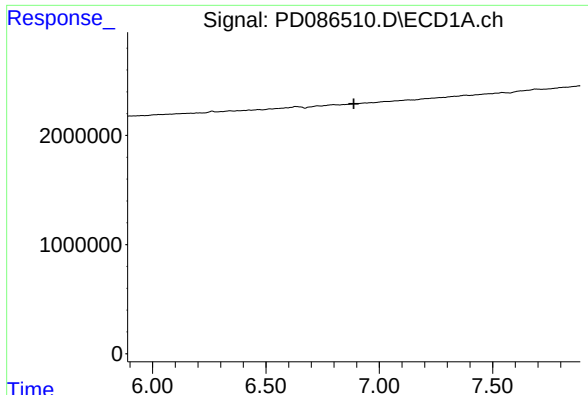
#26 Chlordane-4

R.T.: 6.078 min  
Delta R.T.: 0.029 min  
Response: 633367  
Conc: 1.38 ng/ml



#26 Chlordane-4

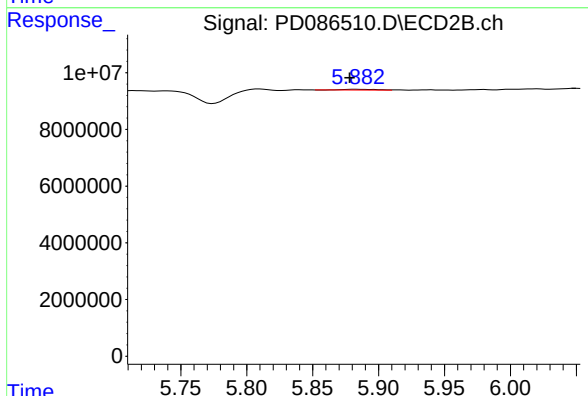
R.T.: 5.207 min  
Delta R.T.: 0.000 min  
Response: 2409783  
Conc: 1.92 ng/ml



#27 Chlorine-5

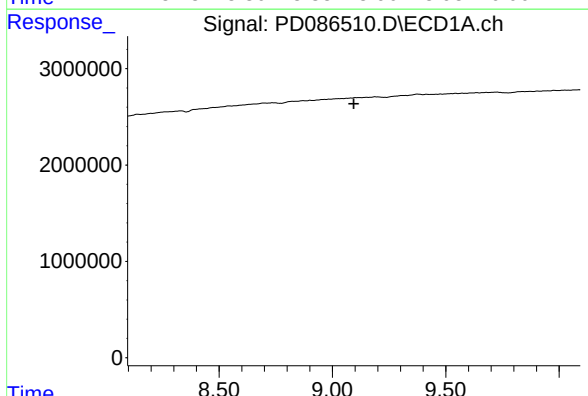
R.T.: 0.000 min  
Exp R.T.: 6.888 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HEXANE



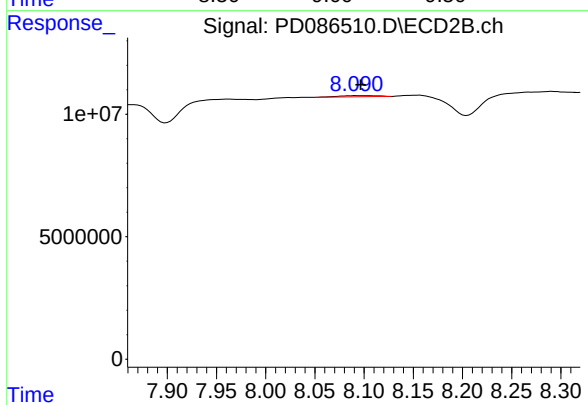
#27 Chlorine-5

R.T.: 5.884 min  
Delta R.T.: 0.006 min  
Response: 452720  
Conc: 1.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T.: 9.094 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.092 min  
Delta R.T.: -0.005 min  
Response: 1243502  
Conc: 0.12 ng/ml