

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050124\  
 Data File : PL089307.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 May 2024 15:43  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 01 22:42:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|---------|
| -----                       |                 |        |        |          |          |        |         |
| System Monitoring Compounds |                 |        |        |          |          |        |         |
| 1)                          | SA Tetrachlo... | 3.551  | 2.797  | 43646654 | 27665065 | 21.675 | 21.562  |
| 28)                         | SA Decachlor... | 9.066  | 7.949  | 27224421 | 24915202 | 19.460 | 18.522  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.003  | 3.291  | 78820    | 182651   | 0.028  | 0.097 # |
| 3)                          | MA gamma-BHC... | 4.343  | 3.652f | 24804    | 161932   | 0.009  | 0.088 # |
| 4)                          | MA Heptachlor   | 0.000  | 3.982  | 0        | 4334     | N.D.   | 0.002 # |
| 5)                          | MB Aldrin       | 5.268  | 4.250  | 177765   | 50484    | 0.069  | 0.029 # |
| 6)                          | B beta-BHC      | 0.000  | 3.942  | 0        | 51547    | N.D.   | 0.063 # |
| 7)                          | B delta-BHC     | 0.000  | 4.155  | 0        | 46671    | N.D.   | 0.026 # |
| 8)                          | B Heptachlo...  | 5.694  | 4.760  | 1893911  | 20315    | 0.807  | 0.013 # |
| 9)                          | A Endosulfan I  | 6.080  | 5.119  | 680344   | 51429    | 0.316  | 0.034 # |
| 10)                         | B gamma-Chl...  | 5.942  | 5.013  | 2020600  | 231201   | 0.884  | 0.141 # |
| 11)                         | B alpha-Chl...  | 6.027  | 5.083  | 458849   | 88665    | 0.202  | 0.054 # |
| 12)                         | B 4,4'-DDE      | 6.208  | 5.261  | 90736    | 34958    | 0.045  | 0.024 # |
| 13)                         | MA Dieldrin     | 6.359  | 5.409  | 76516    | 13557    | 0.034  | 0.008 # |
| 14)                         | MA Endrin       | 6.558f | 5.688f | 600603   | 268266   | 0.317  | 0.187 # |
| 15)                         | B Endosulfa...  | 6.801  | 5.952  | 118604   | 230442   | 0.059  | 0.160 # |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.806  | 204881   | 31189    | 0.121  | 0.025 # |
| 17)                         | MA 4,4'-DDT     | 7.014f | 6.072  | 1498495  | 64041    | 0.815  | 0.047 # |
| 18)                         | B Endrin al...  | 6.932  | 6.151  | 130103   | 148171   | 0.086  | 0.133 # |
| 19)                         | B Endosulfa...  | 7.165  | 6.373  | 170735   | 210547   | 0.094  | 0.152 # |
| 21)                         | B Endrin ke...  | 7.653  | 6.876  | 317397   | 7637     | 0.159  | 0.005 # |
| 22)                         | Mirex           | 8.141f | 7.046  | 12944    | 95428    | 0.008  | 0.070 # |
| 23)                         | Chlordane-1     | 0.000  | 3.813  | 0        | 9406     | N.D.   | 0.191 # |
| 24)                         | Chlordane-2     | 5.237  | 4.354f | 34750    | 200199   | 0.331  | 3.147 # |
| 25)                         | Chlordane-3     | 5.942  | 5.013  | 2020600  | 231201   | 6.118  | 1.350 # |
| 26)                         | Chlordane-4     | 6.027  | 5.062  | 458849   | 104778   | 1.126  | 0.651 # |
| 27)                         | Chlordane-5     | 0.000  | 5.765f | 0        | 205681   | N.D.   | 4.019 # |
| -----                       |                 |        |        |          |          |        |         |

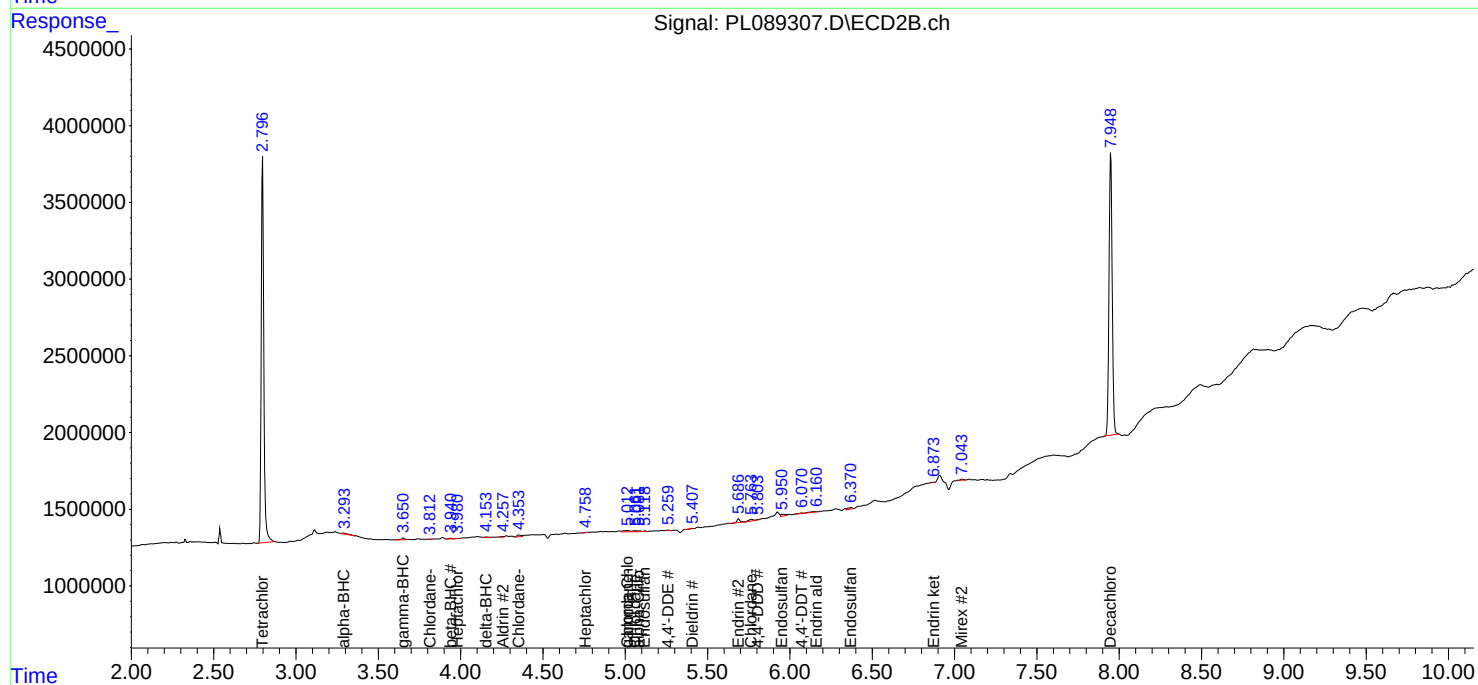
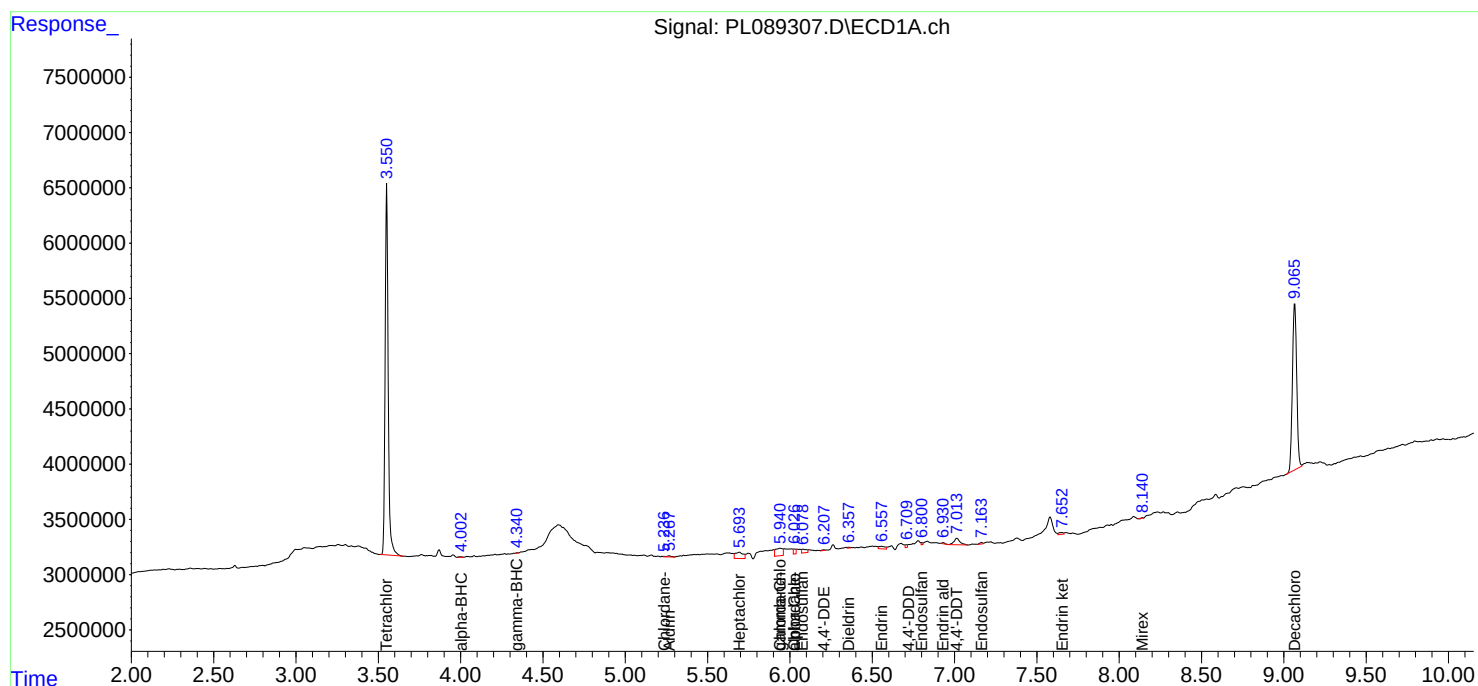
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

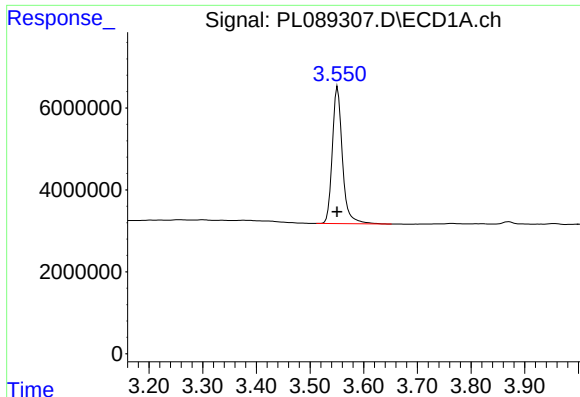
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050124\  
Data File : PL089307.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 May 2024 15:43  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 01 22:42:04 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

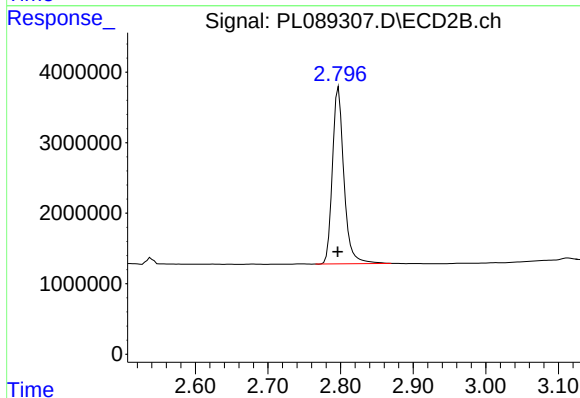




#1 Tetrachloro-m-xylene

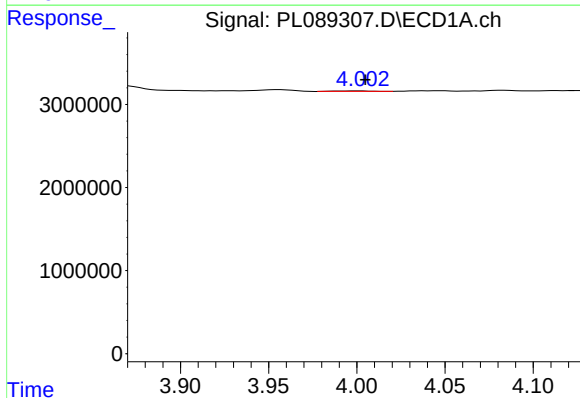
R.T.: 3.551 min  
Delta R.T.: 0.001 min  
Response: 43646654  
Conc: 21.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



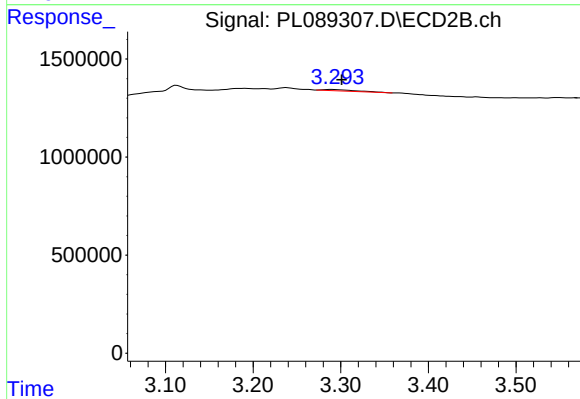
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 27665065  
Conc: 21.56 ng/ml



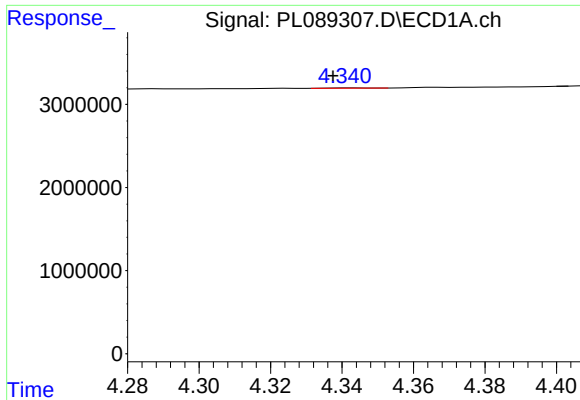
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: -0.002 min  
Response: 78820  
Conc: 0.03 ng/ml



#2 alpha-BHC

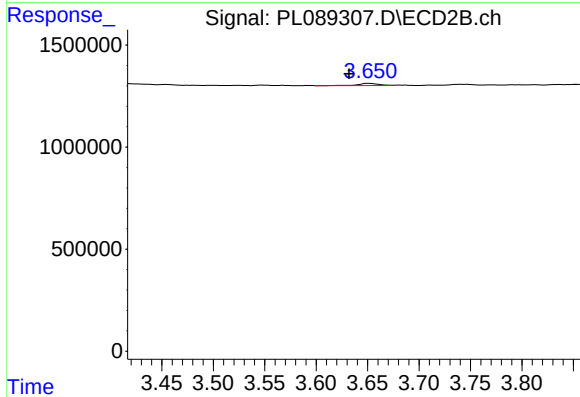
R.T.: 3.291 min  
Delta R.T.: -0.010 min  
Response: 182651  
Conc: 0.10 ng/ml



#3 gamma-BHC (Lindane)

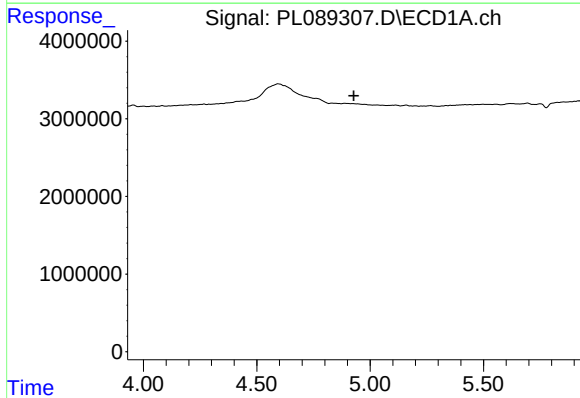
R.T.: 4.343 min  
Delta R.T.: 0.005 min  
Response: 24804  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



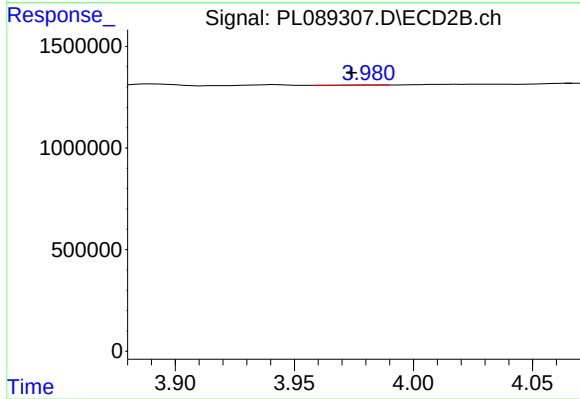
#3 gamma-BHC (Lindane)

R.T.: 3.652 min  
Delta R.T.: 0.020 min  
Response: 161932  
Conc: 0.09 ng/ml



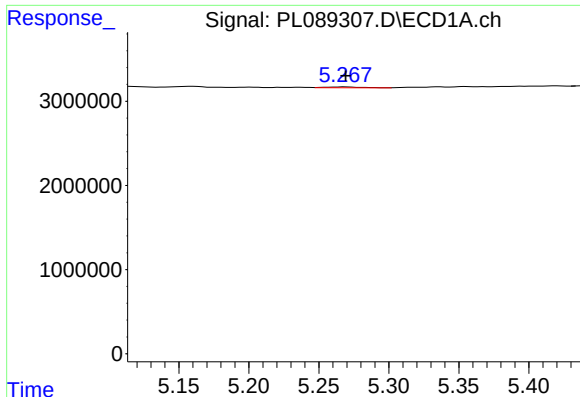
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.927 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

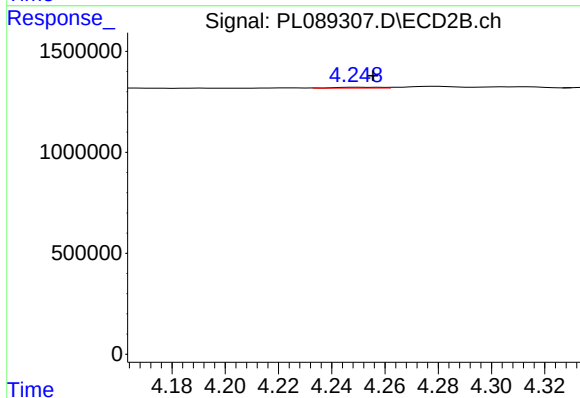
R.T.: 3.982 min  
Delta R.T.: 0.008 min  
Response: 4334  
Conc: 0.00 ng/ml



#5 Aldrin

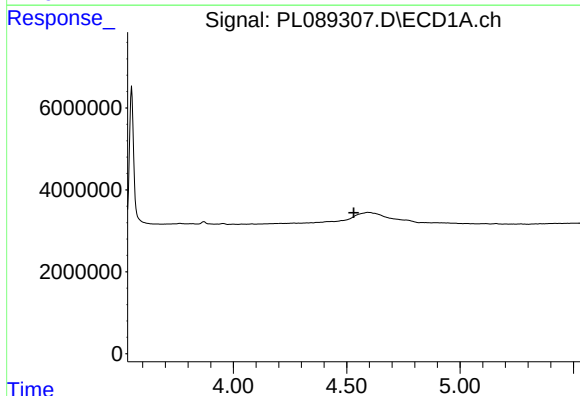
R.T.: 5.268 min  
Delta R.T.: 0.000 min  
Response: 177765  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



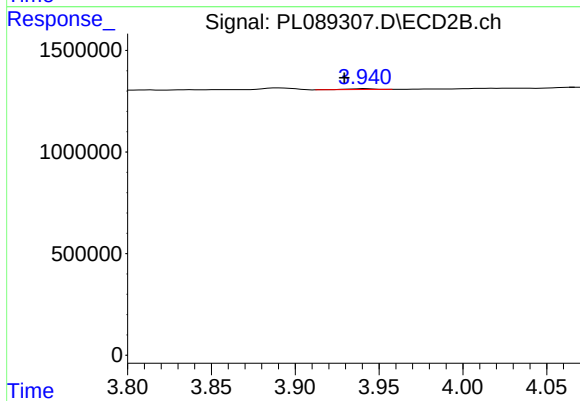
#5 Aldrin

R.T.: 4.250 min  
Delta R.T.: -0.006 min  
Response: 50484  
Conc: 0.03 ng/ml



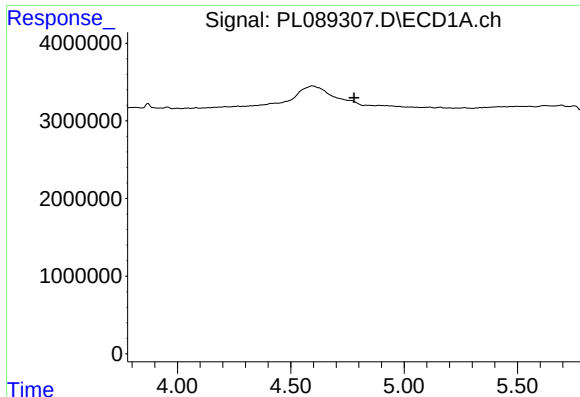
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.532 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

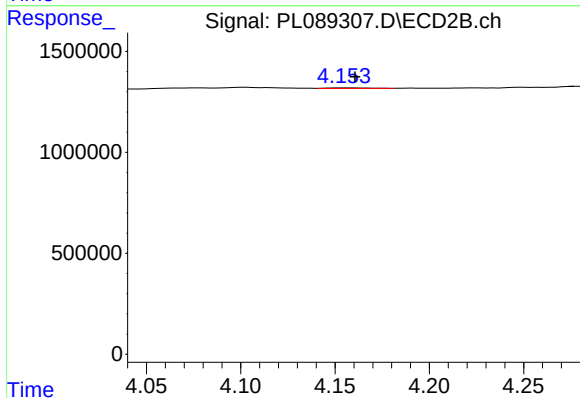
R.T.: 3.942 min  
Delta R.T.: 0.012 min  
Response: 51547  
Conc: 0.06 ng/ml



#7 delta-BHC

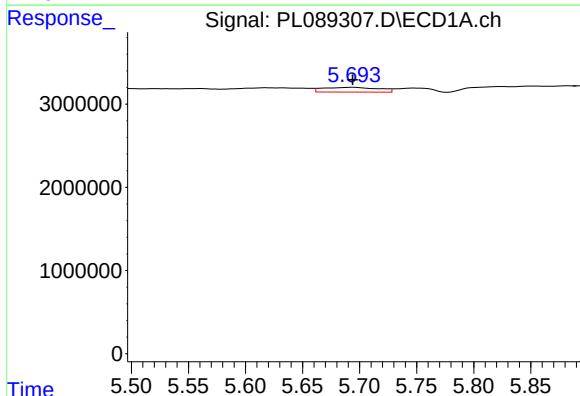
R.T.: 0.000 min  
Exp R.T.: 4.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



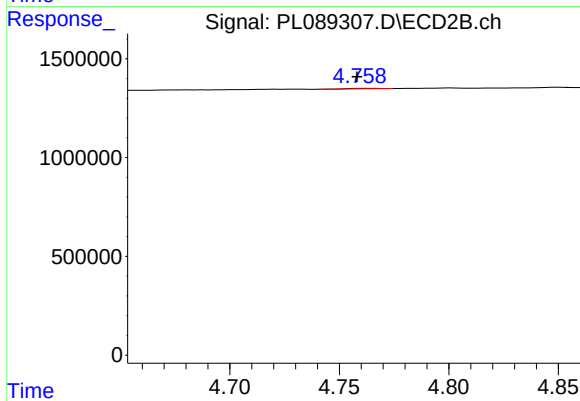
#7 delta-BHC

R.T.: 4.155 min  
Delta R.T.: -0.005 min  
Response: 46671  
Conc: 0.03 ng/ml



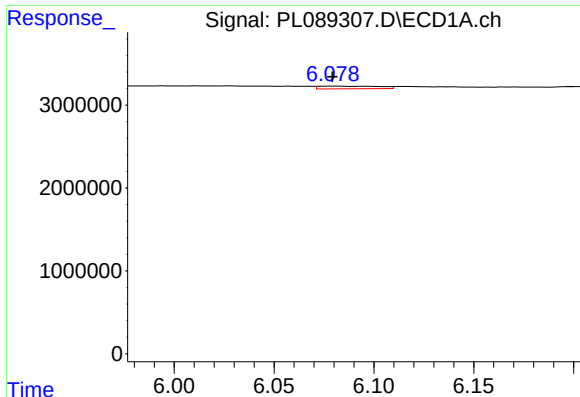
#8 Heptachlor epoxide

R.T.: 5.694 min  
Delta R.T.: 0.000 min  
Response: 1893911  
Conc: 0.81 ng/ml



#8 Heptachlor epoxide

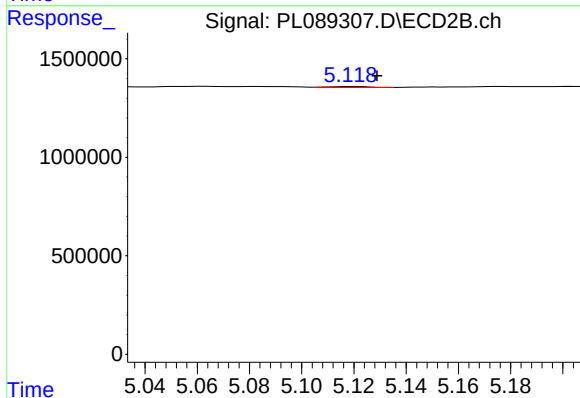
R.T.: 4.760 min  
Delta R.T.: 0.002 min  
Response: 20315  
Conc: 0.01 ng/ml



#9 Endosulfan I

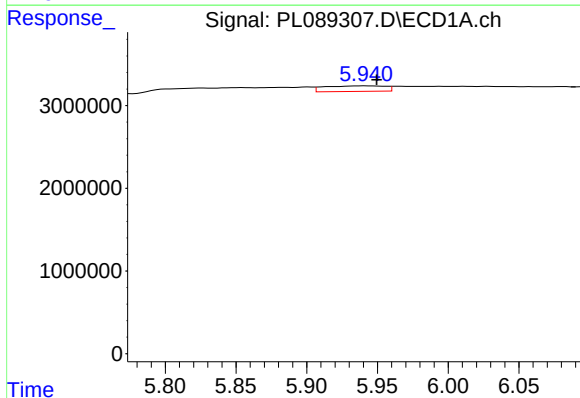
R.T.: 6.080 min  
Delta R.T.: 0.001 min  
Response: 680344  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



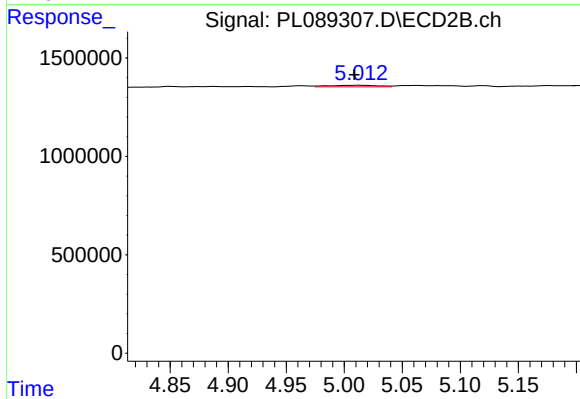
#9 Endosulfan I

R.T.: 5.119 min  
Delta R.T.: -0.010 min  
Response: 51429  
Conc: 0.03 ng/ml



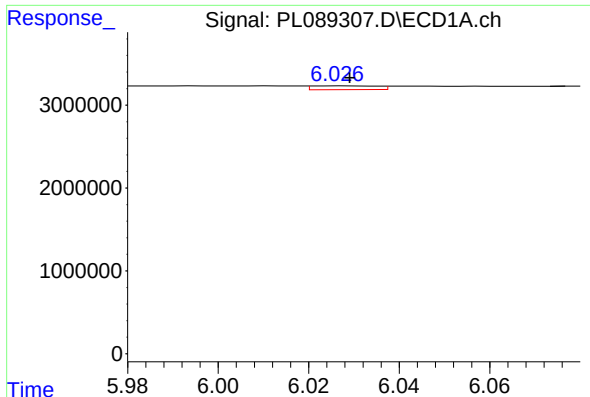
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.008 min  
Response: 2020600  
Conc: 0.88 ng/ml



#10 gamma-Chlordane

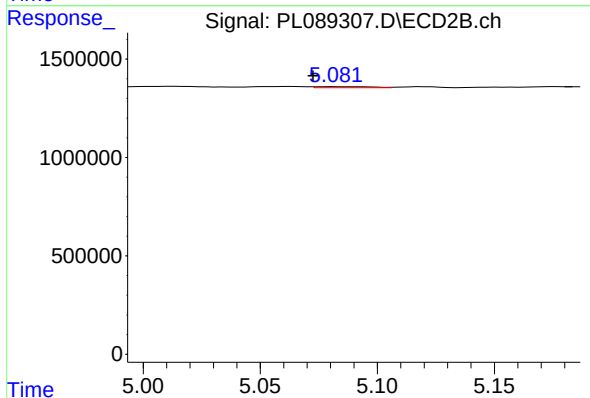
R.T.: 5.013 min  
Delta R.T.: 0.005 min  
Response: 231201  
Conc: 0.14 ng/ml



#11 alpha-Chlordane

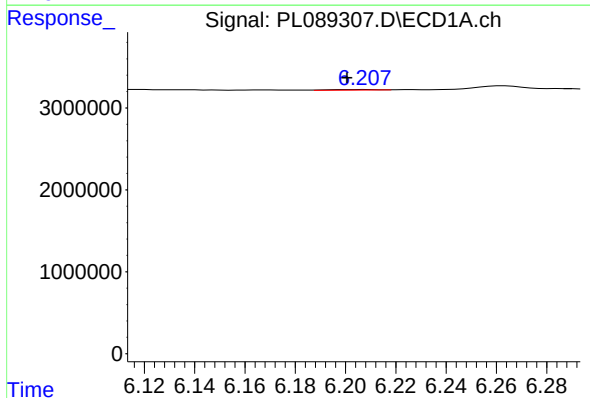
R.T.: 6.027 min  
Delta R.T.: -0.002 min  
Response: 458849  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



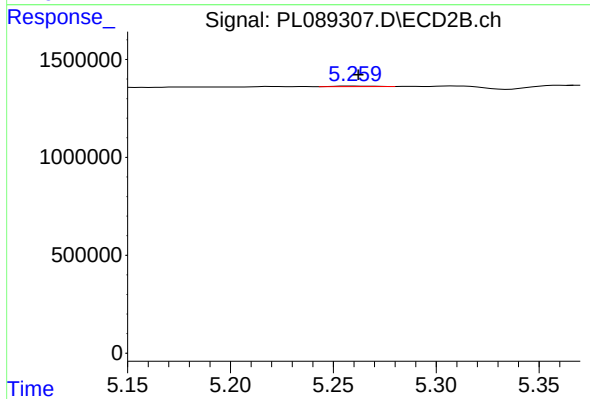
#11 alpha-Chlordane

R.T.: 5.083 min  
Delta R.T.: 0.010 min  
Response: 88665  
Conc: 0.05 ng/ml



#12 4,4'-DDE

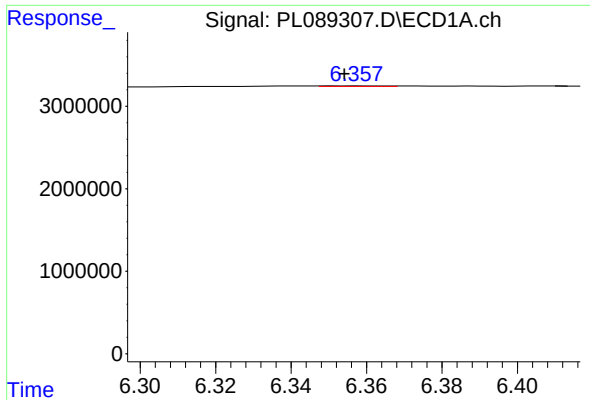
R.T.: 6.208 min  
Delta R.T.: 0.007 min  
Response: 90736  
Conc: 0.04 ng/ml



#12 4,4'-DDE

R.T.: 5.261 min  
Delta R.T.: -0.002 min  
Response: 34958  
Conc: 0.02 ng/ml

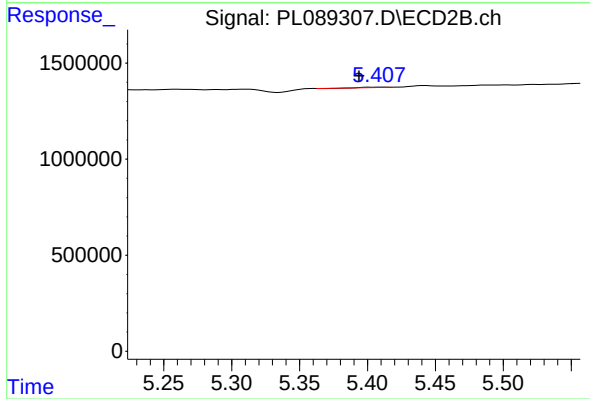




#13 Dieldrin

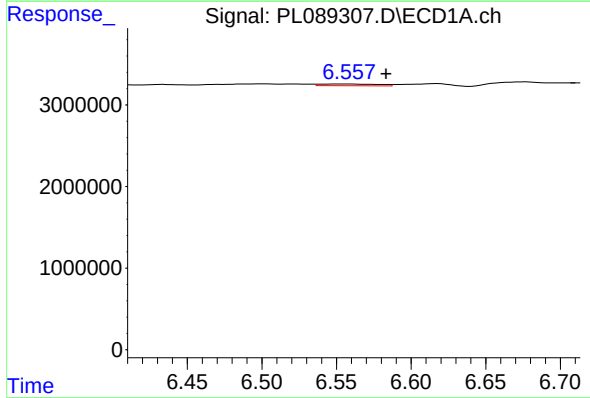
R.T.: 6.359 min  
Delta R.T.: 0.005 min  
Response: 76516  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



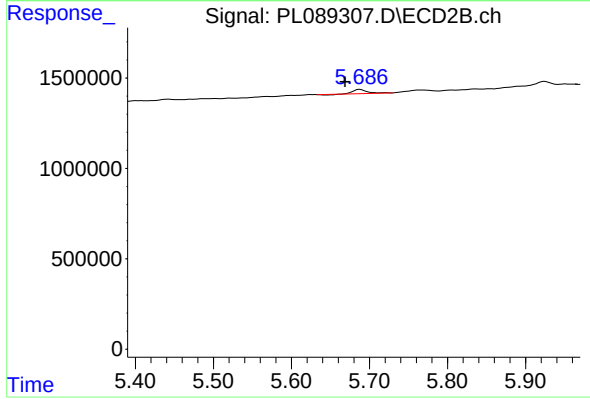
#13 Dieldrin

R.T.: 5.409 min  
Delta R.T.: 0.015 min  
Response: 13557  
Conc: 0.01 ng/ml



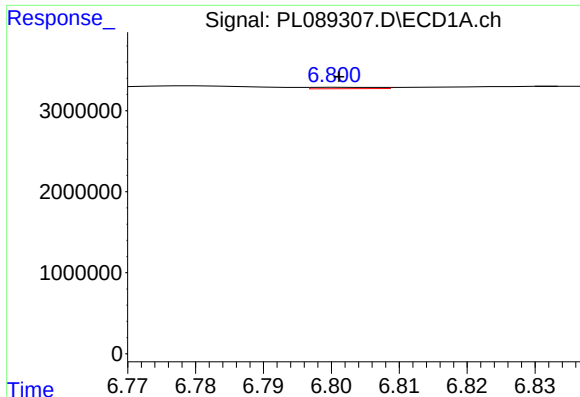
#14 Endrin

R.T.: 6.558 min  
Delta R.T.: -0.025 min  
Response: 600603  
Conc: 0.32 ng/ml



#14 Endrin

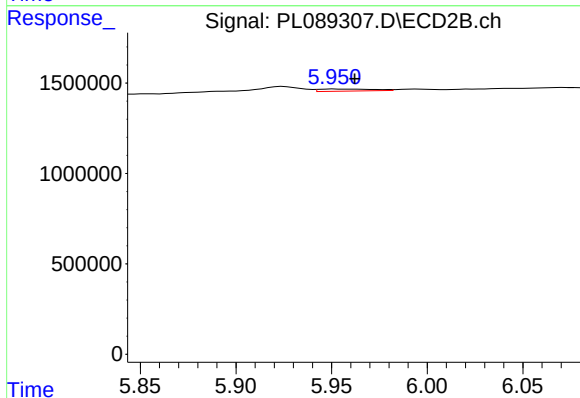
R.T.: 5.688 min  
Delta R.T.: 0.019 min  
Response: 268266  
Conc: 0.19 ng/ml



#15 Endosulfan II

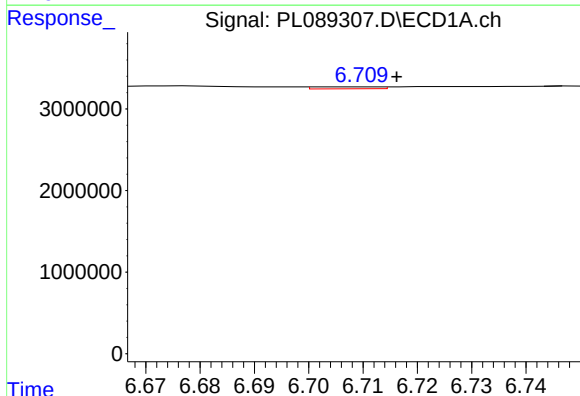
R.T.: 6.801 min  
Delta R.T.: 0.000 min  
Response: 118604  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



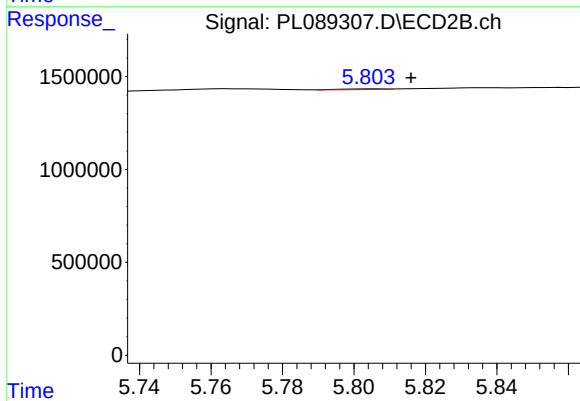
#15 Endosulfan II

R.T.: 5.952 min  
Delta R.T.: -0.010 min  
Response: 230442  
Conc: 0.16 ng/ml



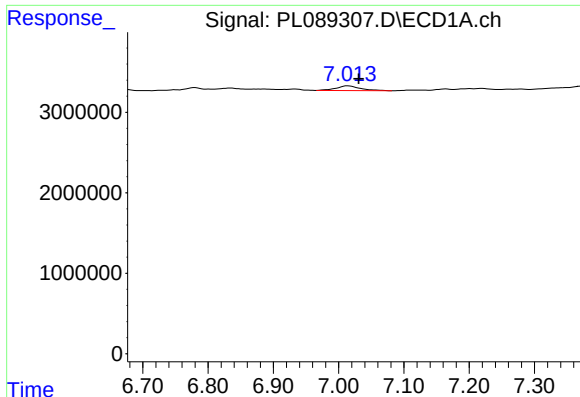
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: -0.006 min  
Response: 204881  
Conc: 0.12 ng/ml



#16 4,4'-DDD

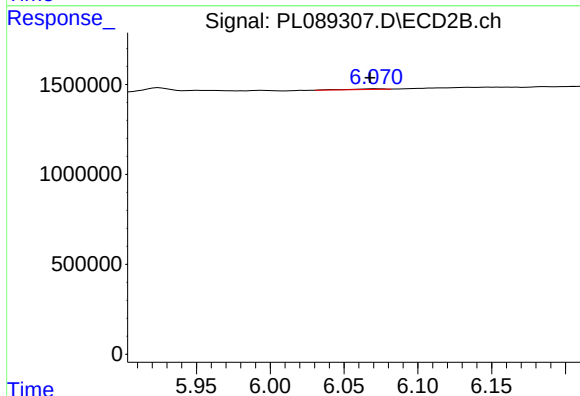
R.T.: 5.806 min  
Delta R.T.: -0.010 min  
Response: 31189  
Conc: 0.03 ng/ml



#17 4,4'-DDT

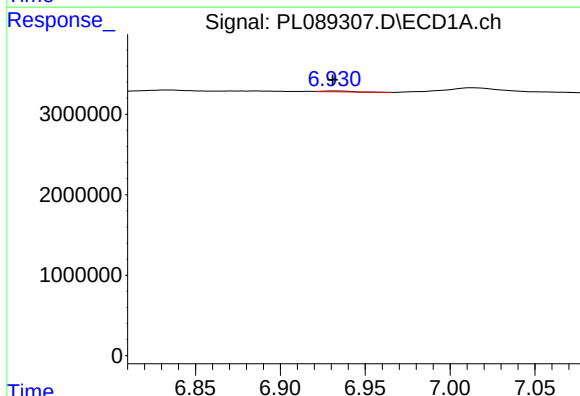
R.T.: 7.014 min  
Delta R.T.: -0.016 min  
Response: 1498495  
Conc: 0.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



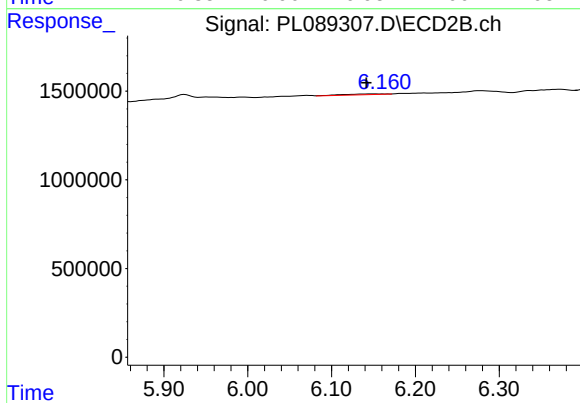
#17 4,4'-DDT

R.T.: 6.072 min  
Delta R.T.: 0.004 min  
Response: 64041  
Conc: 0.05 ng/ml



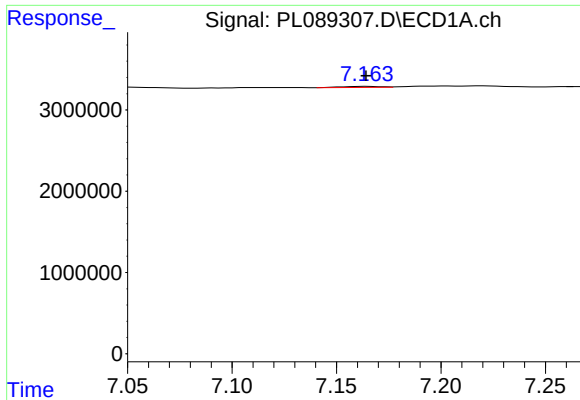
#18 Endrin aldehyde

R.T.: 6.932 min  
Delta R.T.: 0.001 min  
Response: 130103  
Conc: 0.09 ng/ml



#18 Endrin aldehyde

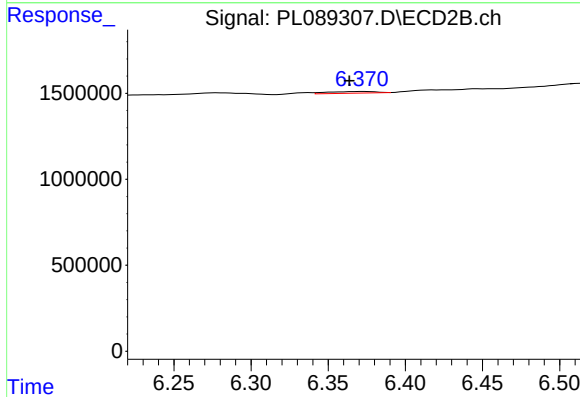
R.T.: 6.151 min  
Delta R.T.: 0.009 min  
Response: 148171  
Conc: 0.13 ng/ml



#19 Endosulfan Sulfate

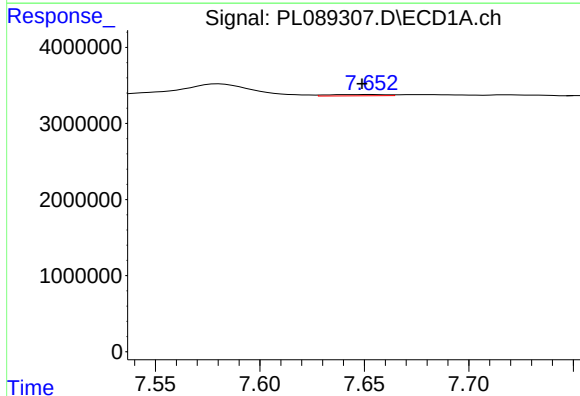
R.T.: 7.165 min  
Delta R.T.: 0.000 min  
Response: 170735  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



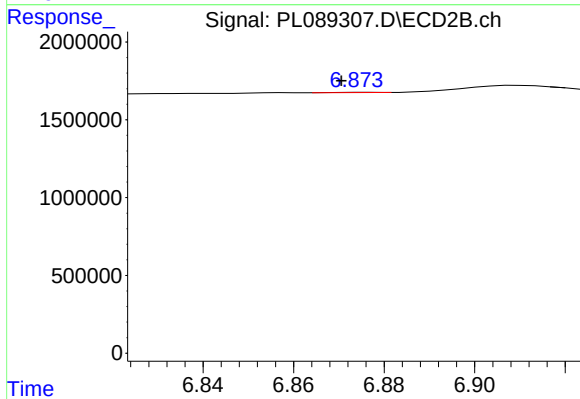
#19 Endosulfan Sulfate

R.T.: 6.373 min  
Delta R.T.: 0.009 min  
Response: 210547  
Conc: 0.15 ng/ml



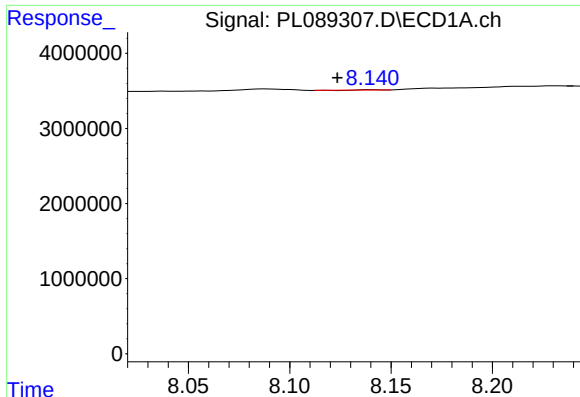
#21 Endrin ketone

R.T.: 7.653 min  
Delta R.T.: 0.005 min  
Response: 317397  
Conc: 0.16 ng/ml



#21 Endrin ketone

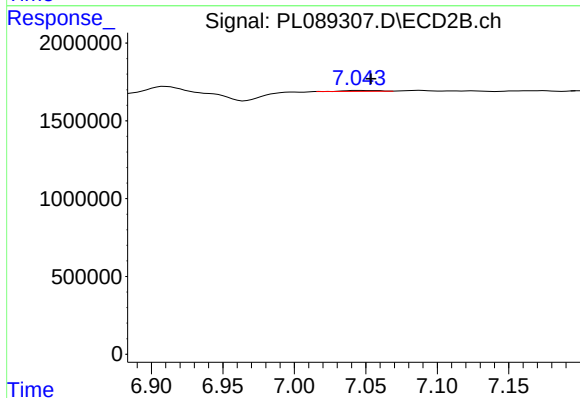
R.T.: 6.876 min  
Delta R.T.: 0.006 min  
Response: 7637  
Conc: 0.00 ng/ml



#22 Mirex

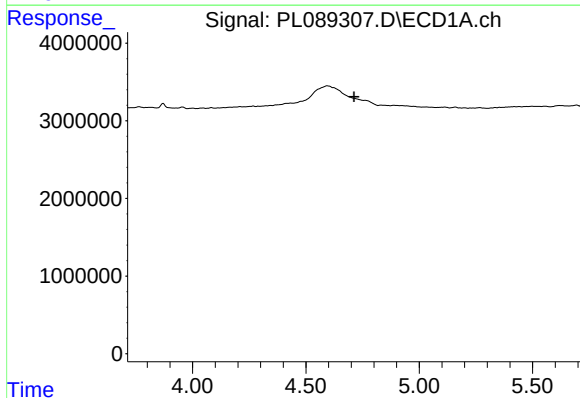
R.T.: 8.141 min  
Delta R.T.: 0.017 min  
Response: 12944  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



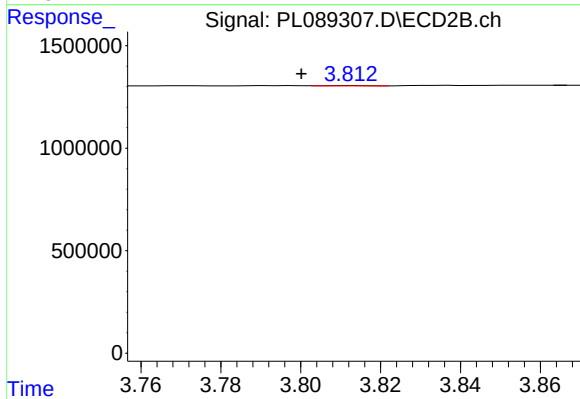
#22 Mirex

R.T.: 7.046 min  
Delta R.T.: -0.008 min  
Response: 95428  
Conc: 0.07 ng/ml



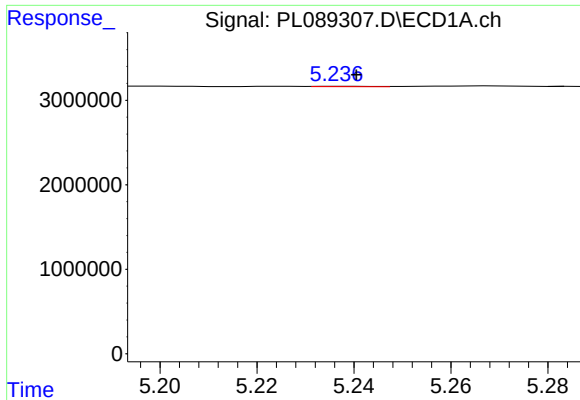
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.713 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

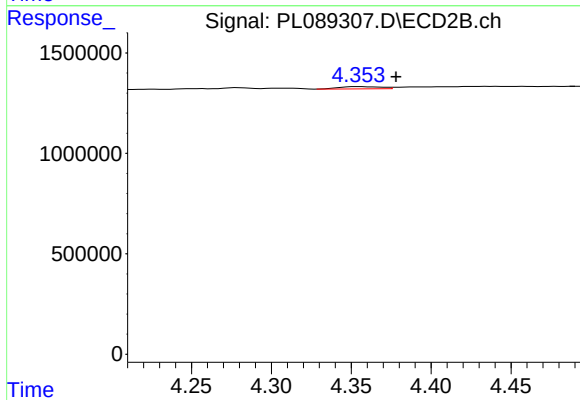
R.T.: 3.813 min  
Delta R.T.: 0.013 min  
Response: 9406  
Conc: 0.19 ng/ml



#24 Chlordane-2

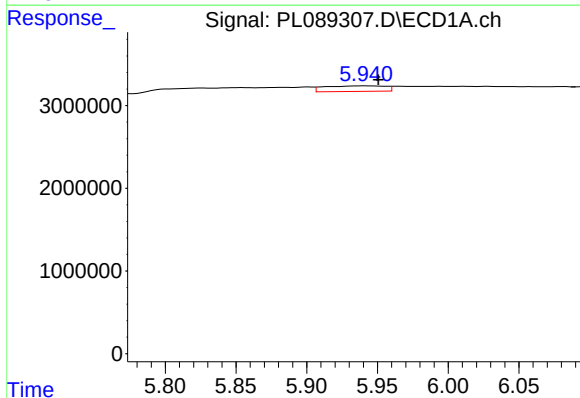
R.T.: 5.237 min  
Delta R.T.: -0.003 min  
Response: 34750  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



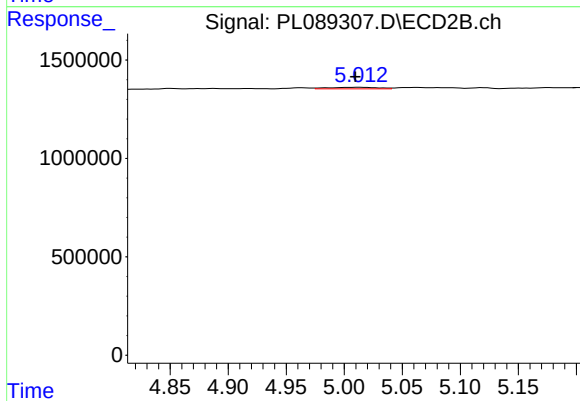
#24 Chlordane-2

R.T.: 4.354 min  
Delta R.T.: -0.024 min  
Response: 200199  
Conc: 3.15 ng/ml



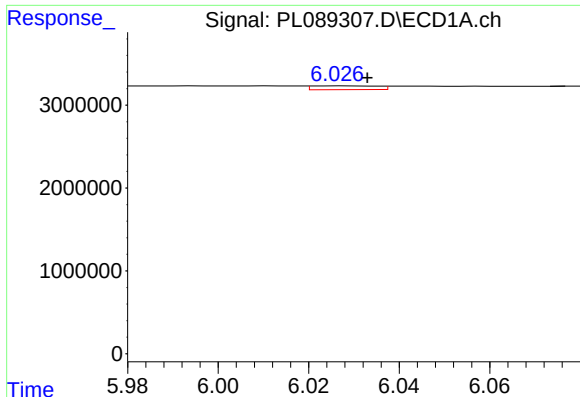
#25 Chlordane-3

R.T.: 5.942 min  
Delta R.T.: -0.009 min  
Response: 2020600  
Conc: 6.12 ng/ml



#25 Chlordane-3

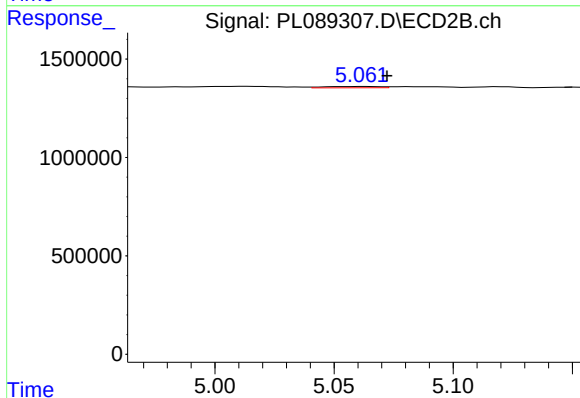
R.T.: 5.013 min  
Delta R.T.: 0.004 min  
Response: 231201  
Conc: 1.35 ng/ml



#26 Chlordane-4

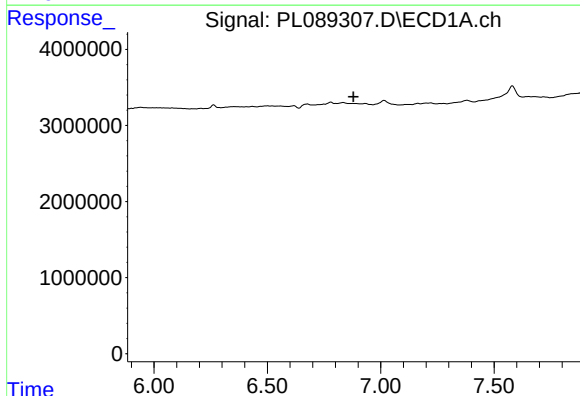
R.T.: 6.027 min  
Delta R.T.: -0.006 min  
Response: 458849  
Conc: 1.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



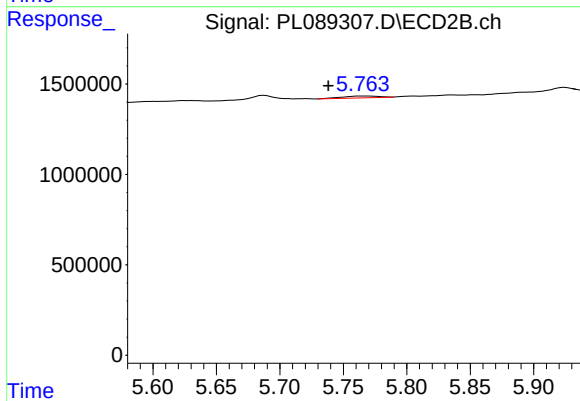
#26 Chlordane-4

R.T.: 5.062 min  
Delta R.T.: -0.010 min  
Response: 104778  
Conc: 0.65 ng/ml



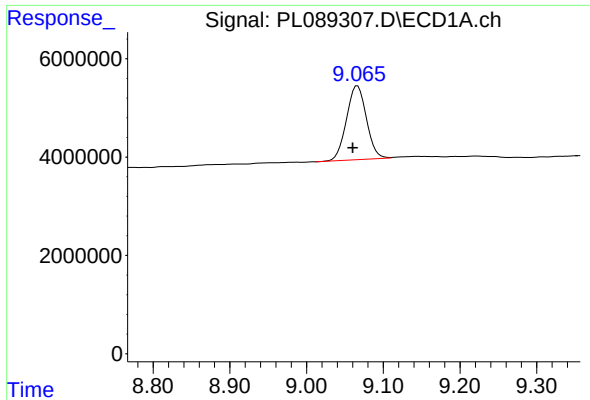
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.880 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

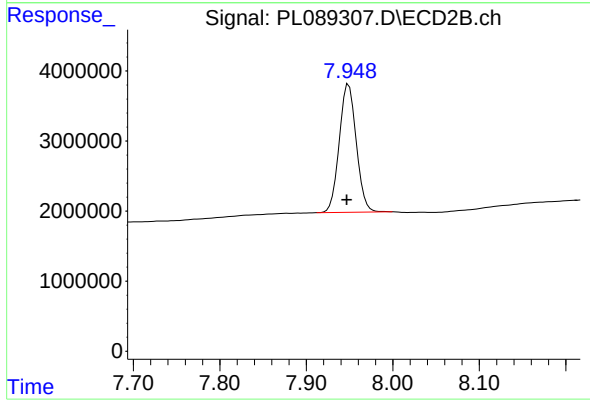
R.T.: 5.765 min  
Delta R.T.: 0.027 min  
Response: 205681  
Conc: 4.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min  
Delta R.T.: 0.006 min  
Response: 27224421  
Conc: 19.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



#28 Decachlorobiphenyl

R.T.: 7.949 min  
Delta R.T.: 0.002 min  
Response: 24915202  
Conc: 18.52 ng/ml