

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051624\  
 Data File : PL089552.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 May 2024 01:56  
 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 17 04:09:21 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  | 2.796  | 46308725 | 28569152 | 22.997  | 22.267   |
| 28)                         | SA Decachlor... | 9.068  | 7.948  | 29201267 | 26888190 | 20.873  | 19.988   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.012  | 3.288  | 98448    | 76663    | 0.035   | 0.041    |
| 3)                          | MA gamma-BHC... | 0.000  | 3.652f | 0        | 266281   | N.D.    | 0.144 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.976  | 0        | 24610    | N.D.    | 0.014 #  |
| 5)                          | MB Aldrin       | 5.270  | 4.235f | 35223834 | 13536912 | 13.715  | 7.657 #  |
| 6)                          | B beta-BHC      | 4.524  | 3.939  | 270859   | 54889    | 0.215   | 0.067 #  |
| 7)                          | B delta-BHC     | 4.778  | 0.000  | 2019810  | 0        | 0.762   | N.D. #   |
| 8)                          | B Heptachlo...  | 5.691  | 4.729f | 48550547 | 130014   | 20.700  | 0.080 #  |
| 9)                          | A Endosulfan I  | 6.087  | 0.000  | 5103377  | 0        | 2.374   | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.921f | 5.007  | 44022806 | 6084650  | 19.258  | 3.708 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 5.065  | 0        | 6008180  | N.D.    | 3.643 #  |
| 12)                         | B 4,4'-DDE      | 6.193  | 0.000  | 1207025  | 0        | 0.597   | N.D. #   |
| 14)                         | MA Endrin       | 6.574  | 5.686f | 7980669  | 1175853  | 4.213   | 0.818 #  |
| 15)                         | B Endosulfa...  | 6.776f | 5.947f | 12846794 | 348426   | 6.437   | 0.242 #  |
| 16)                         | A 4,4'-DDD      | 6.727  | 0.000  | 10954460 | 0        | 6.493   | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 7.015f | 6.089f | 809263   | 9666     | 0.440   | 0.007 #  |
| 19)                         | B Endosulfa...  | 7.162  | 6.373  | 394959   | 378281   | 0.218   | 0.273    |
| 20)                         | A Methoxychlor  | 0.000  | 6.637  | 0        | 103731   | N.D.    | 0.130 #  |
| 21)                         | B Endrin ke...  | 7.656  | 0.000  | 99022    | 0        | 0.049   | N.D. #   |
| 22)                         | Mirex           | 8.128  | 7.045  | 177428   | 63222    | 0.114   | 0.046 #  |
| 23)                         | Chlordane-1     | 4.731f | 3.804  | 191393   | 208789   | 2.096   | 4.244 #  |
| 24)                         | Chlordane-2     | 5.270f | 0.000  | 35223834 | 0        | 335.165 | N.D. #   |
| 25)                         | Chlordane-3     | 0.000  | 5.007  | 0        | 6084650  | N.D.    | 35.537 # |
| 26)                         | Chlordane-4     | 0.000  | 5.065  | 0        | 6008180  | N.D.    | 37.354 # |
| 27)                         | Chlordane-5     | 6.875  | 5.762f | 1004394  | 179370   | 12.069  | 3.505 #  |
| -----                       |                 |        |        |          |          |         |          |

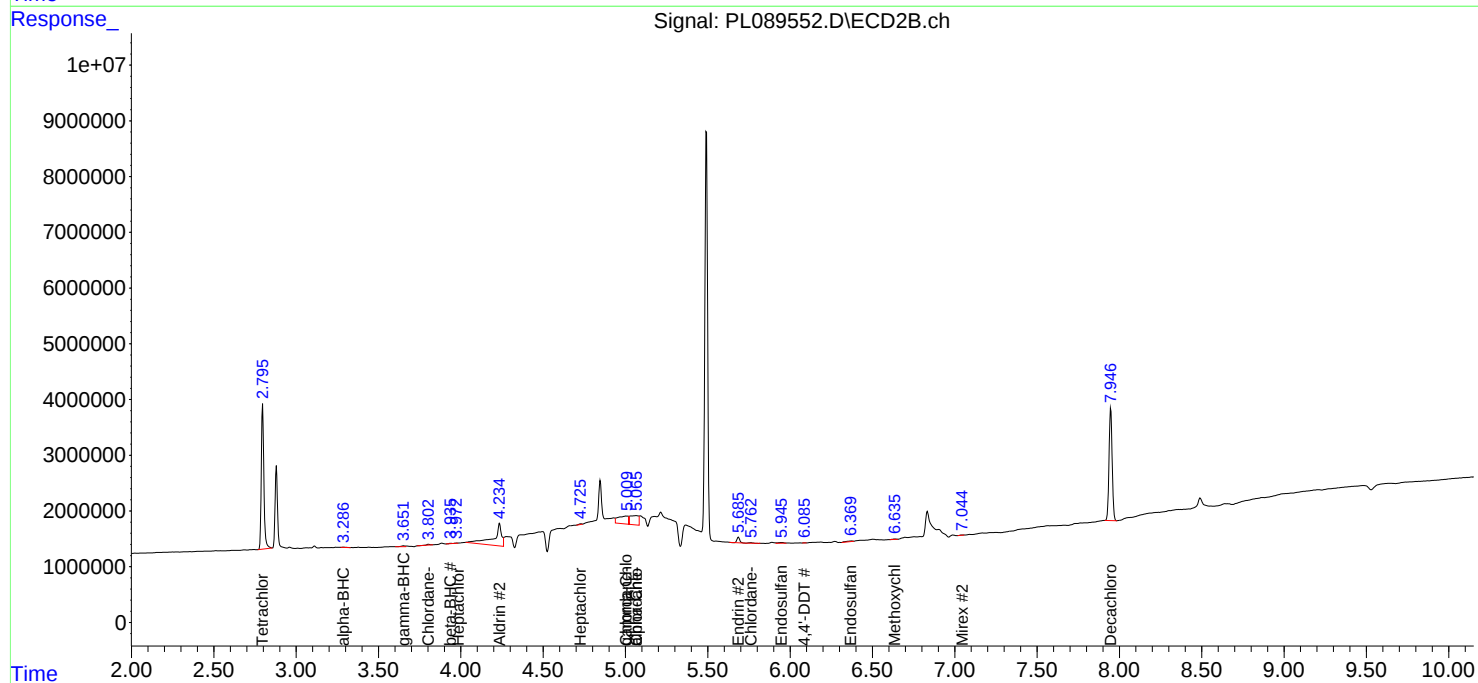
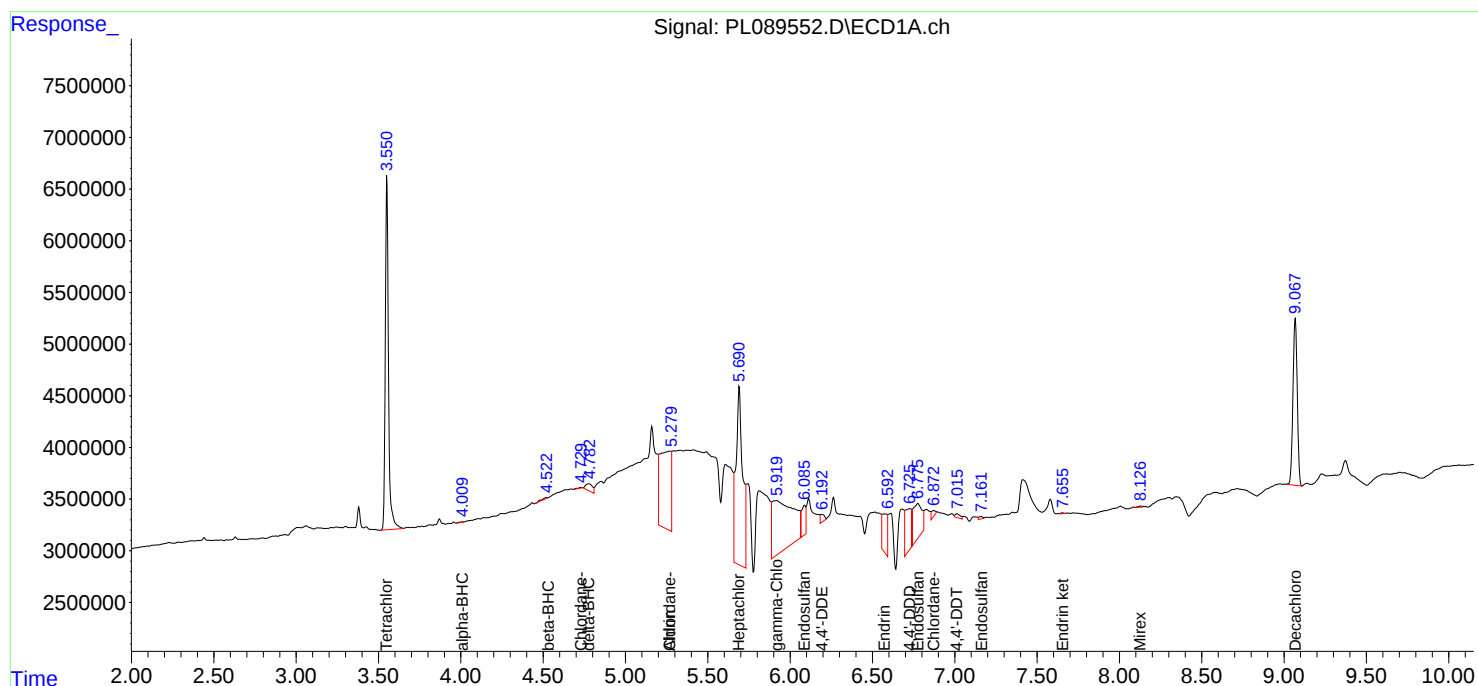
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

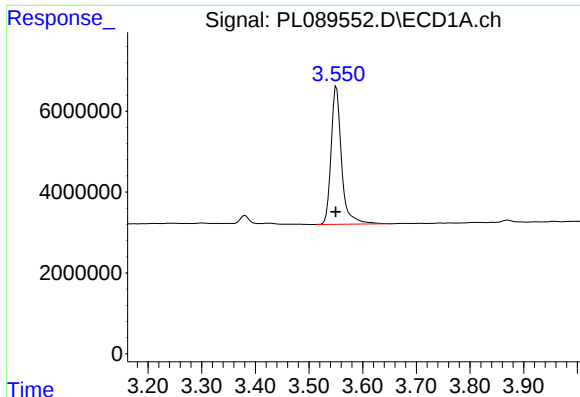
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051624\  
Data File : PL089552.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 May 2024 01:56  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 17 04:09:21 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

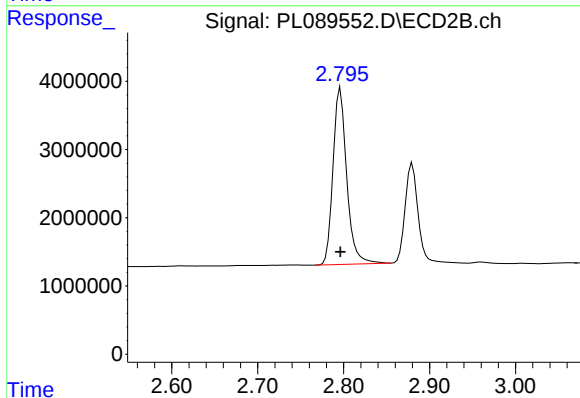




#1 Tetrachloro-m-xylene

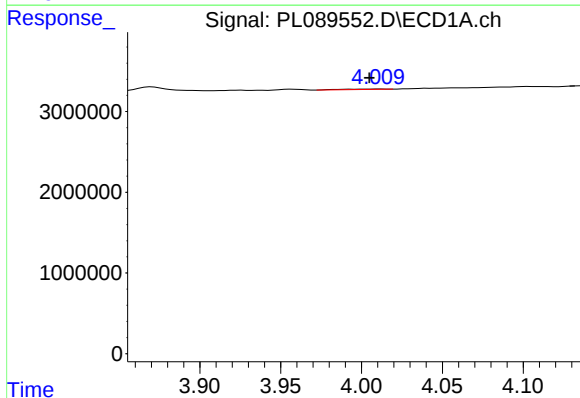
R.T.: 3.551 min  
Delta R.T.: 0.001 min  
Response: 46308725  
Conc: 23.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



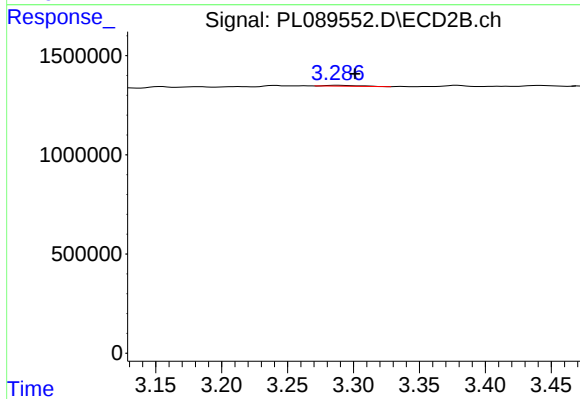
#1 Tetrachloro-m-xylene

R.T.: 2.796 min  
Delta R.T.: 0.000 min  
Response: 28569152  
Conc: 22.27 ng/ml



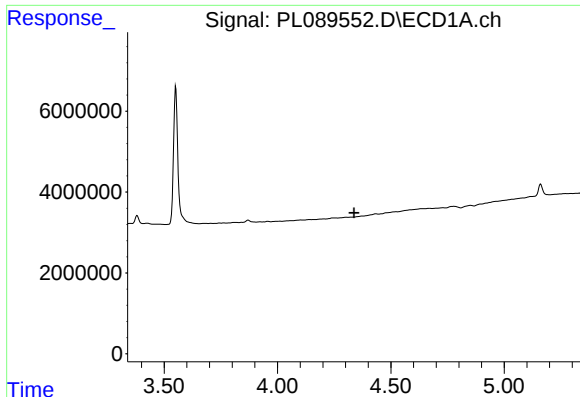
#2 alpha-BHC

R.T.: 4.012 min  
Delta R.T.: 0.007 min  
Response: 98448  
Conc: 0.03 ng/ml



#2 alpha-BHC

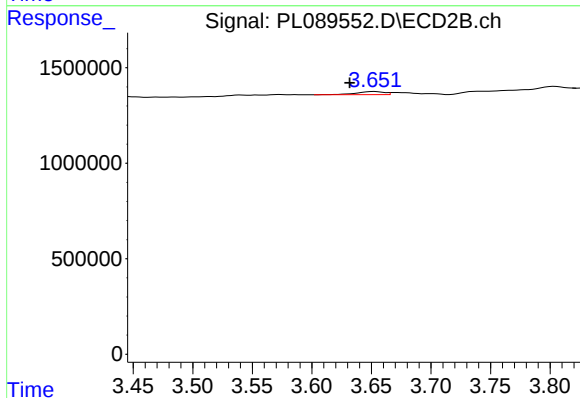
R.T.: 3.288 min  
Delta R.T.: -0.014 min  
Response: 76663  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

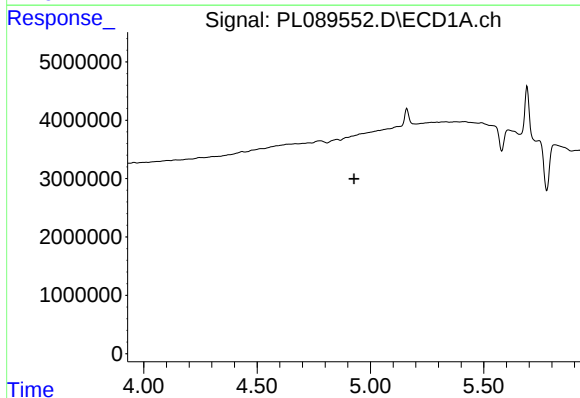
R.T.: 0.000 min  
Exp R.T.: 4.337 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



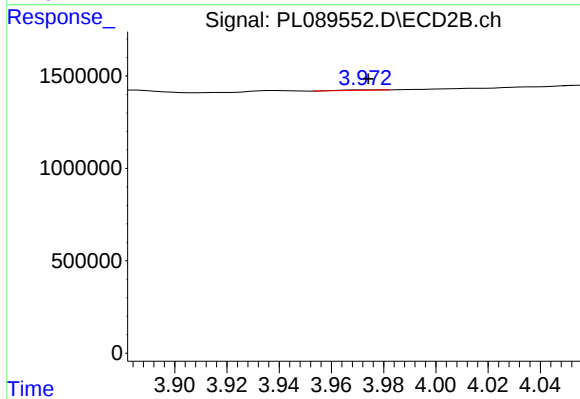
#3 gamma-BHC (Lindane)

R.T.: 3.652 min  
Delta R.T.: 0.020 min  
Response: 266281  
Conc: 0.14 ng/ml



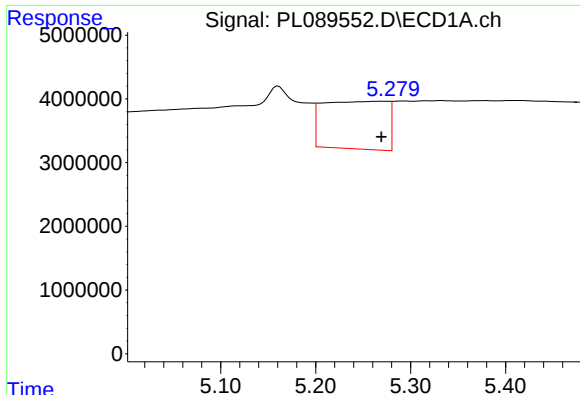
#4 Heptachlor

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



#4 Heptachlor

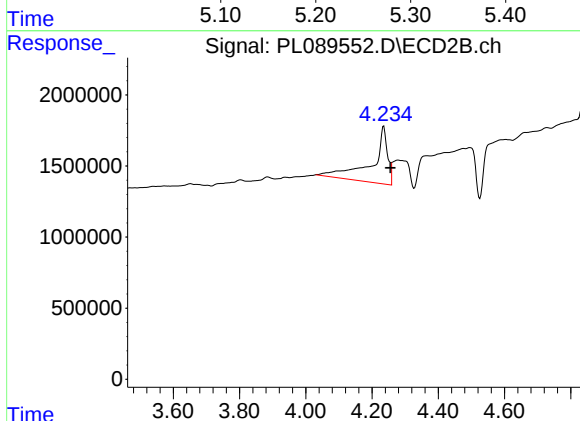
R.T.: 3.976 min  
Delta R.T.: 0.002 min  
Response: 24610  
Conc: 0.01 ng/ml



#5 Aldrin

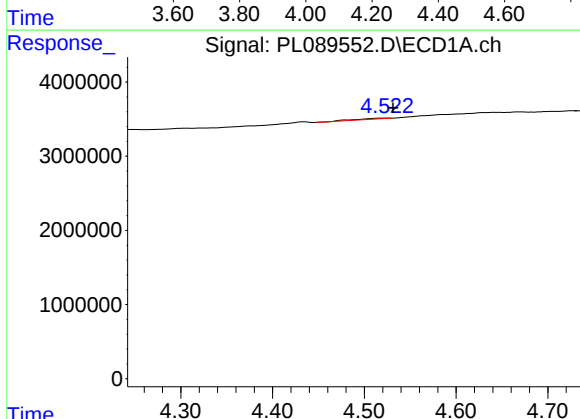
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 35223834  
Conc: 13.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



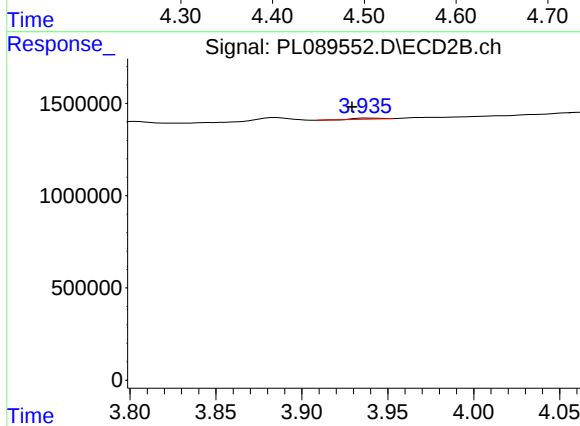
#5 Aldrin

R.T.: 4.235 min  
Delta R.T.: -0.020 min  
Response: 13536912  
Conc: 7.66 ng/ml



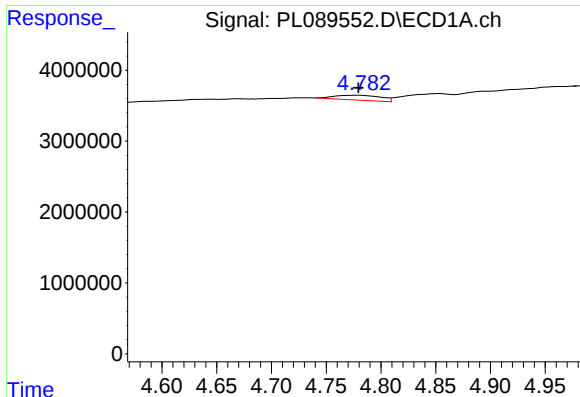
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: -0.007 min  
Response: 270859  
Conc: 0.21 ng/ml



#6 beta-BHC

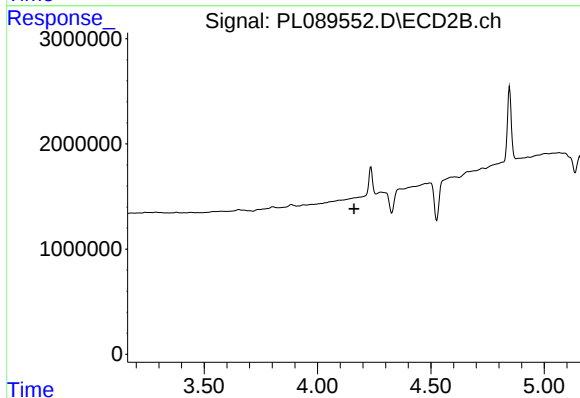
R.T.: 3.939 min  
Delta R.T.: 0.009 min  
Response: 54889  
Conc: 0.07 ng/ml



#7 delta-BHC

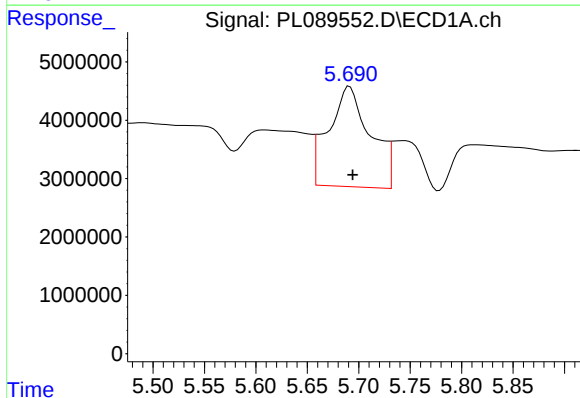
R.T.: 4.778 min  
Delta R.T.: -0.001 min  
Response: 2019810  
Conc: 0.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



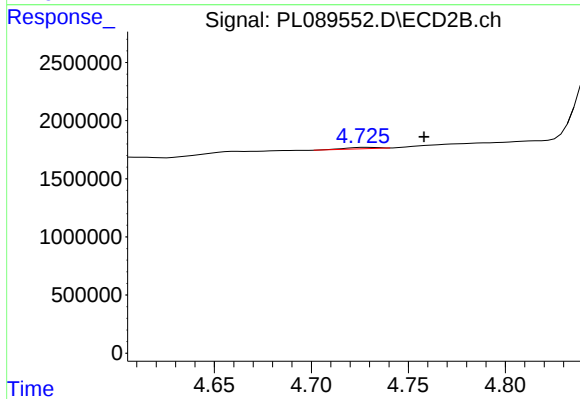
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.161 min  
Response: 0  
Conc: N.D.



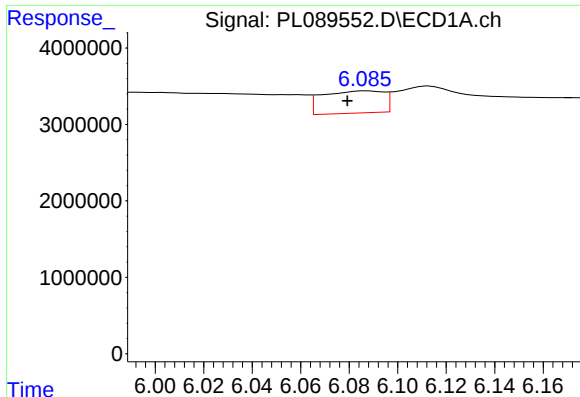
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: -0.003 min  
Response: 48550547  
Conc: 20.70 ng/ml



#8 Heptachlor epoxide

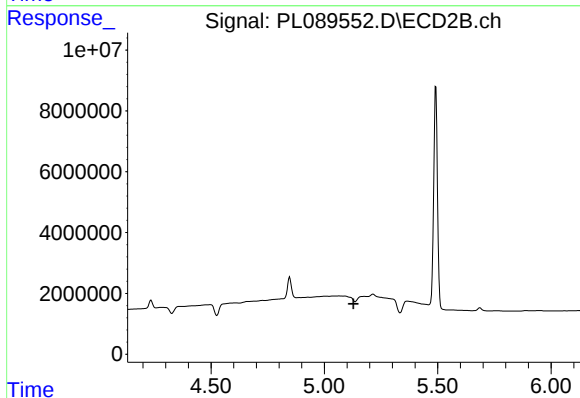
R.T.: 4.729 min  
Delta R.T.: -0.029 min  
Response: 130014  
Conc: 0.08 ng/ml



#9 Endosulfan I

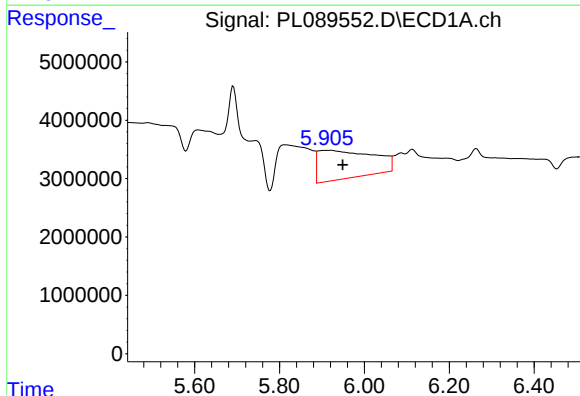
R.T.: 6.087 min  
Delta R.T.: 0.008 min  
Response: 5103377  
Conc: 2.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



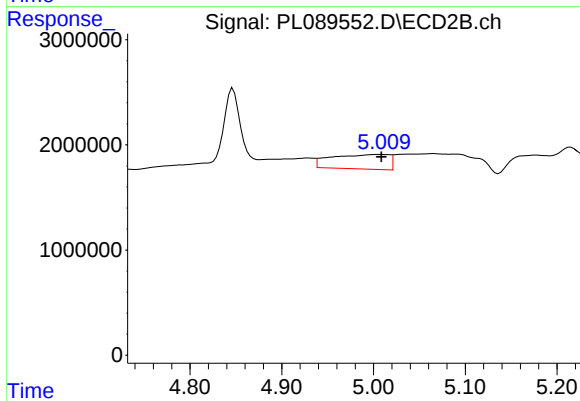
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.129 min  
Response: 0  
Conc: N.D.



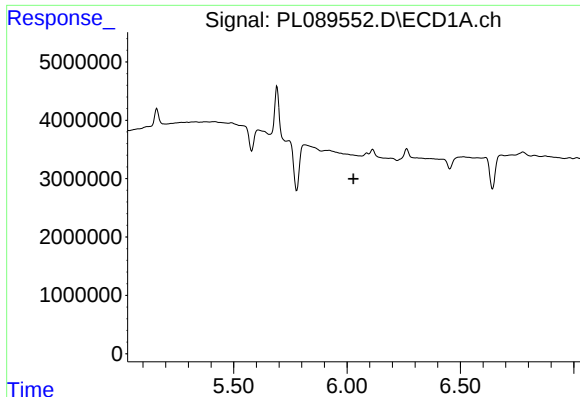
#10 gamma-Chlordane

R.T.: 5.921 min  
Delta R.T.: -0.029 min  
Response: 44022806  
Conc: 19.26 ng/ml



#10 gamma-Chlordane

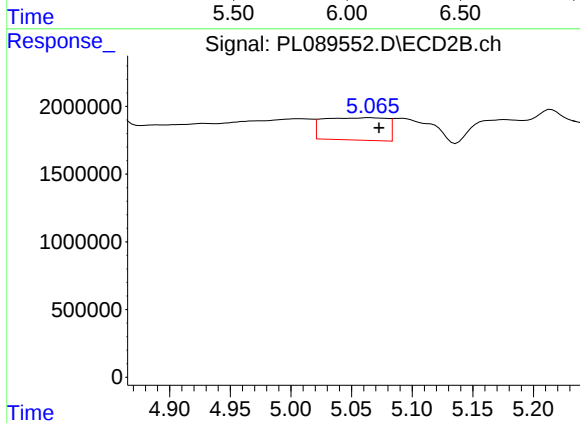
R.T.: 5.007 min  
Delta R.T.: -0.002 min  
Response: 6084650  
Conc: 3.71 ng/ml



#11 alpha-Chlordane

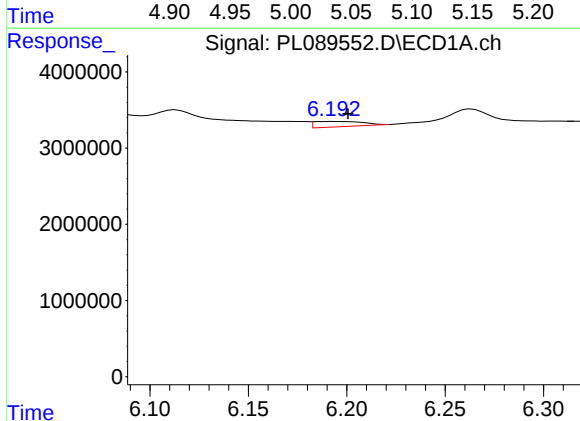
R.T.: 0.000 min  
Exp R.T.: 6.029 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



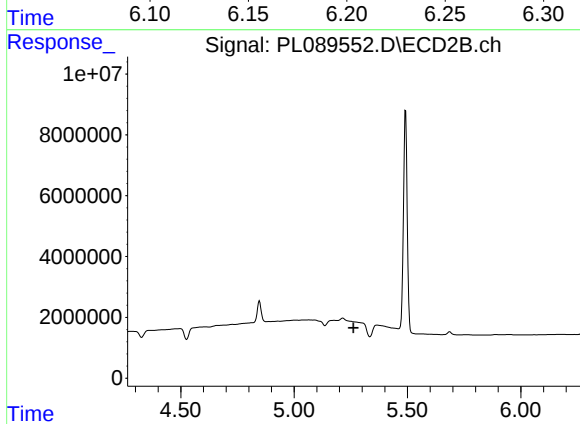
#11 alpha-Chlordane

R.T.: 5.065 min  
Delta R.T.: -0.007 min  
Response: 6008180  
Conc: 3.64 ng/ml



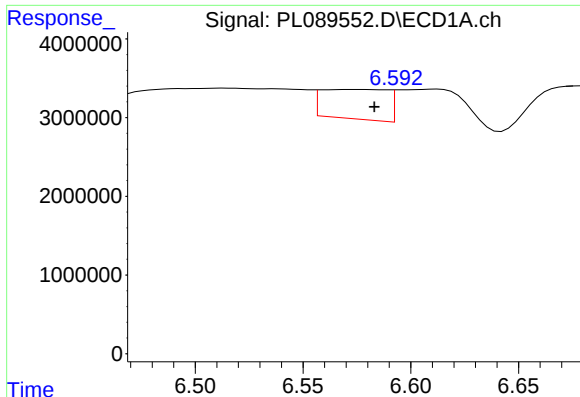
#12 4,4'-DDE

R.T.: 6.193 min  
Delta R.T.: -0.007 min  
Response: 1207025  
Conc: 0.60 ng/ml



#12 4,4'-DDE

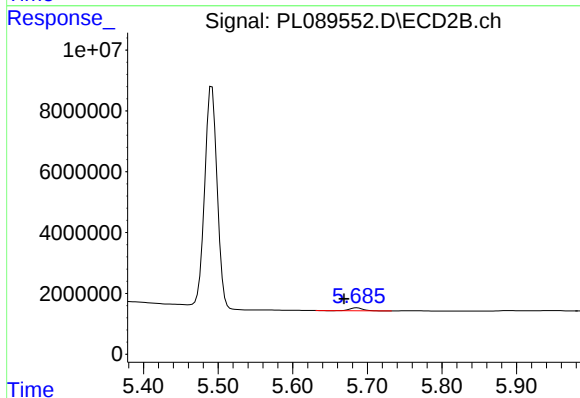
R.T.: 0.000 min  
Exp R.T.: 5.262 min  
Response: 0  
Conc: N.D.



#14 Endrin

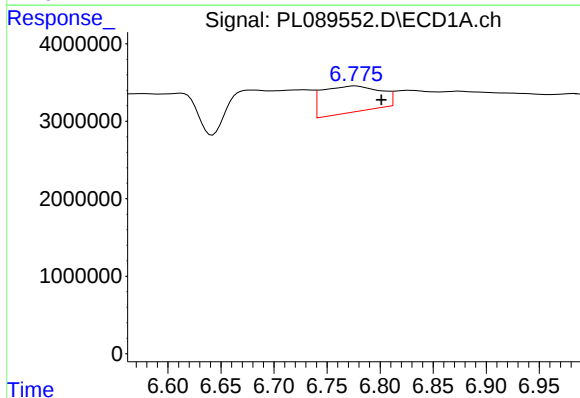
R.T.: 6.574 min  
Delta R.T.: -0.009 min  
Response: 7980669  
Conc: 4.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



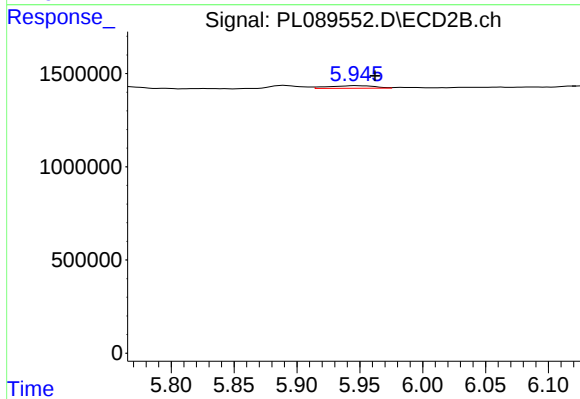
#14 Endrin

R.T.: 5.686 min  
Delta R.T.: 0.017 min  
Response: 1175853  
Conc: 0.82 ng/ml



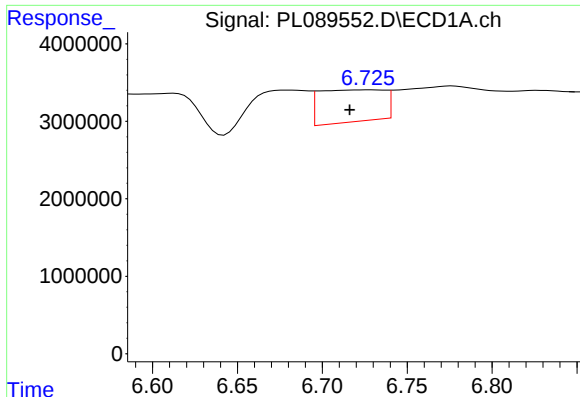
#15 Endosulfan II

R.T.: 6.776 min  
Delta R.T.: -0.025 min  
Response: 12846794  
Conc: 6.44 ng/ml



#15 Endosulfan II

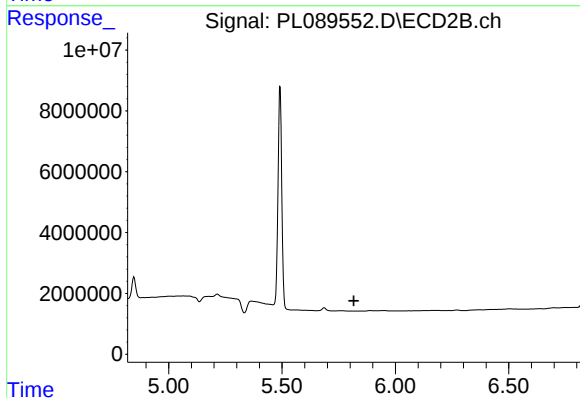
R.T.: 5.947 min  
Delta R.T.: -0.015 min  
Response: 348426  
Conc: 0.24 ng/ml



#16 4,4'-DDD

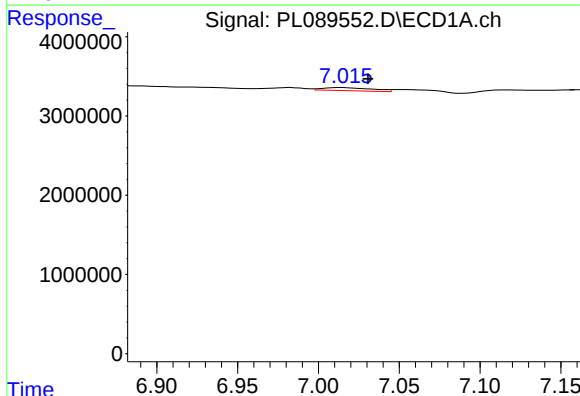
R.T.: 6.727 min  
Delta R.T.: 0.011 min  
Response: 10954460  
Conc: 6.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



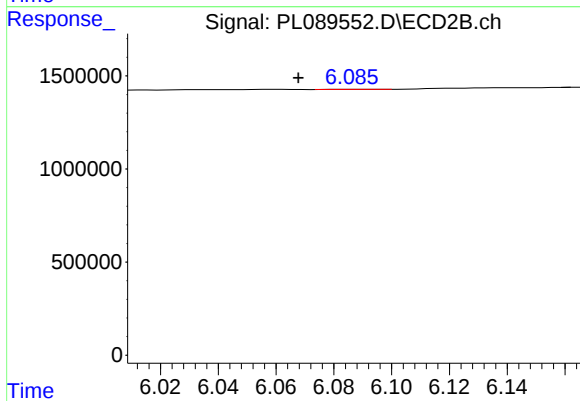
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.816 min  
Response: 0  
Conc: N.D.



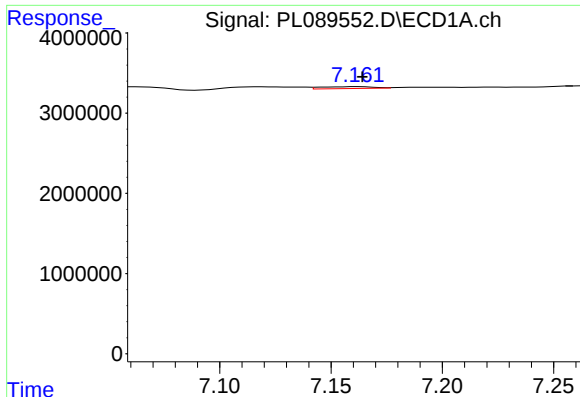
#17 4,4'-DDT

R.T.: 7.015 min  
Delta R.T.: -0.016 min  
Response: 809263  
Conc: 0.44 ng/ml



#17 4,4'-DDT

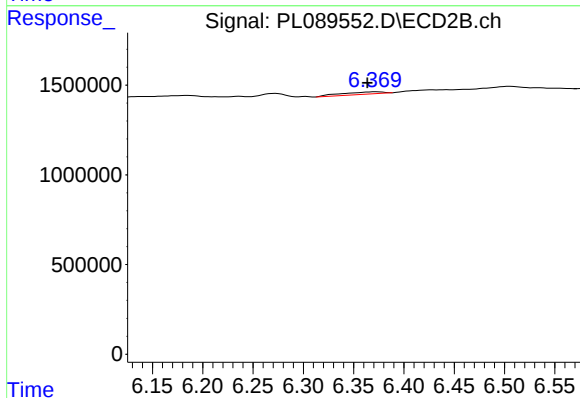
R.T.: 6.089 min  
Delta R.T.: 0.021 min  
Response: 9666  
Conc: 0.01 ng/ml



#19 Endosulfan Sulfate

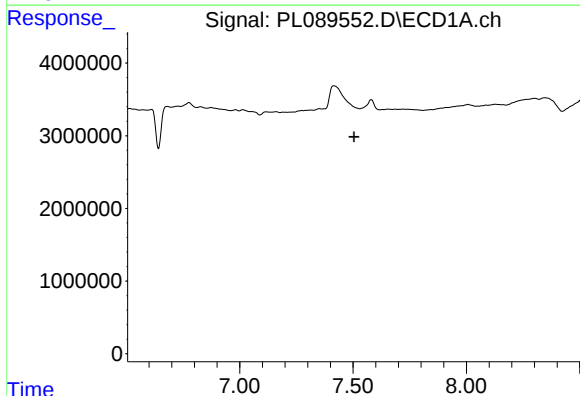
R.T.: 7.162 min  
Delta R.T.: -0.002 min  
Response: 394959  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



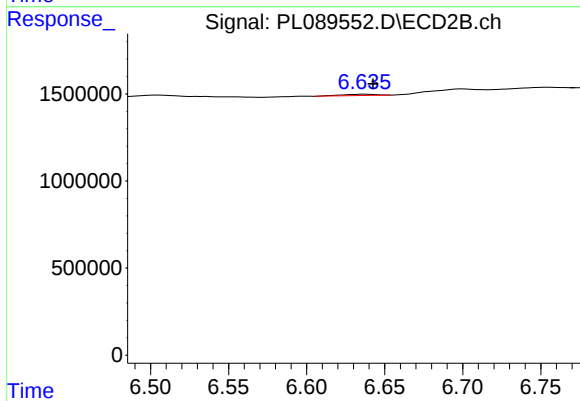
#19 Endosulfan Sulfate

R.T.: 6.373 min  
Delta R.T.: 0.009 min  
Response: 378281  
Conc: 0.27 ng/ml



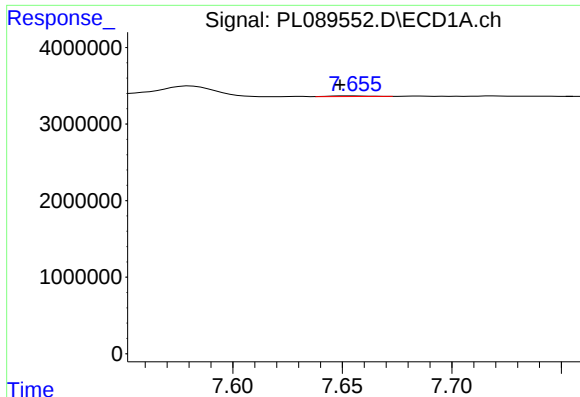
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.505 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

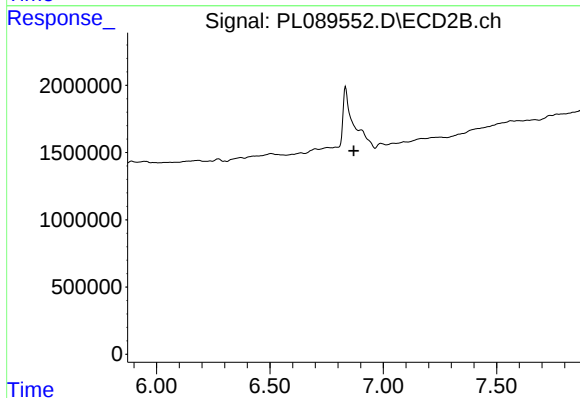
R.T.: 6.637 min  
Delta R.T.: -0.005 min  
Response: 103731  
Conc: 0.13 ng/ml



#21 Endrin ketone

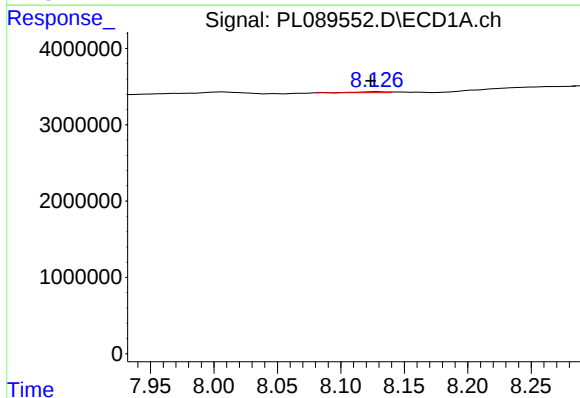
R.T.: 7.656 min  
Delta R.T.: 0.007 min  
Response: 99022  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



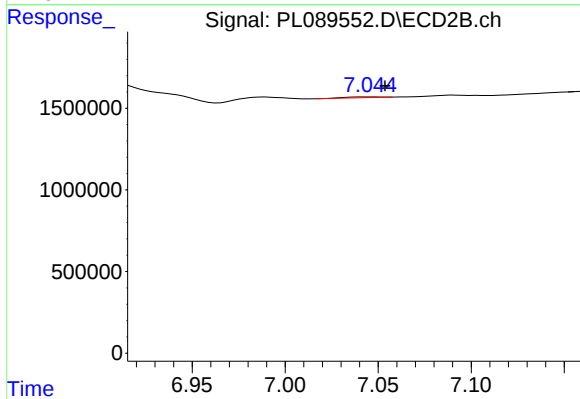
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.871 min  
Response: 0  
Conc: N.D.



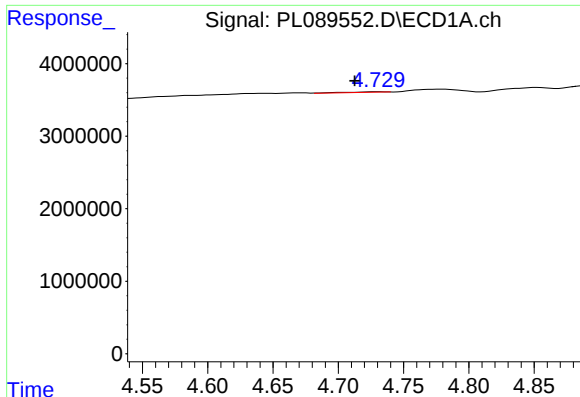
#22 Mirex

R.T.: 8.128 min  
Delta R.T.: 0.004 min  
Response: 177428  
Conc: 0.11 ng/ml



#22 Mirex

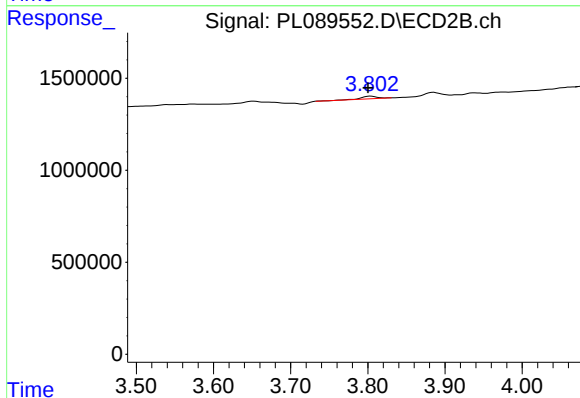
R.T.: 7.045 min  
Delta R.T.: -0.008 min  
Response: 63222  
Conc: 0.05 ng/ml



#23 Chlordane-1

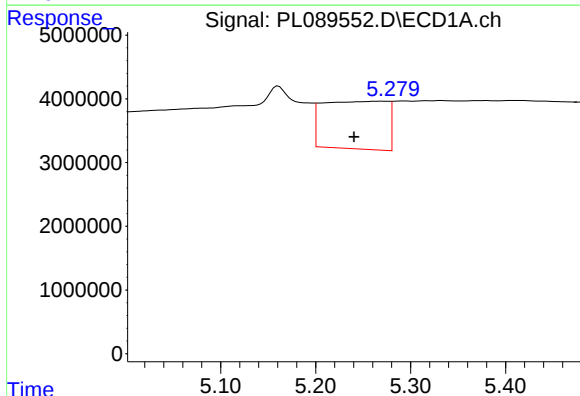
R.T.: 4.731 min  
Delta R.T.: 0.018 min  
Response: 191393  
Conc: 2.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



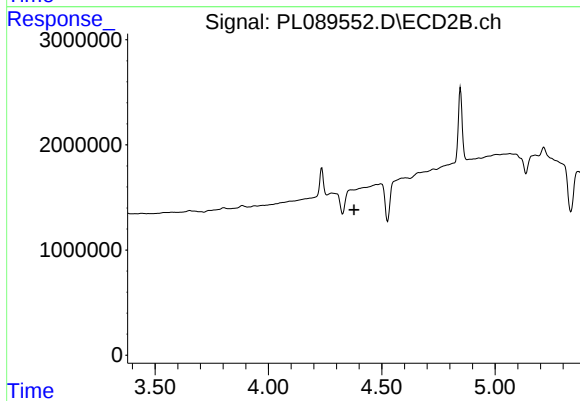
#23 Chlordane-1

R.T.: 3.804 min  
Delta R.T.: 0.004 min  
Response: 208789  
Conc: 4.24 ng/ml



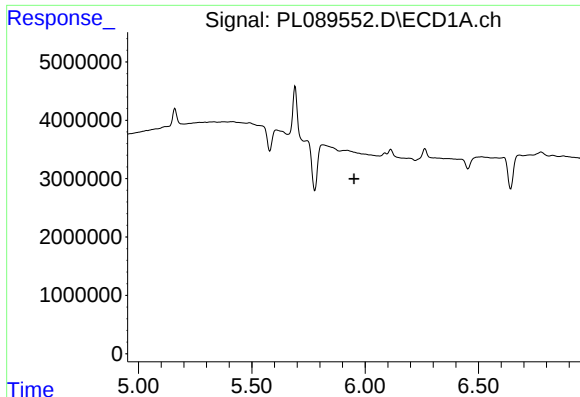
#24 Chlordane-2

R.T.: 5.270 min  
Delta R.T.: 0.029 min  
Response: 35223834  
Conc: 335.16 ng/ml



#24 Chlordane-2

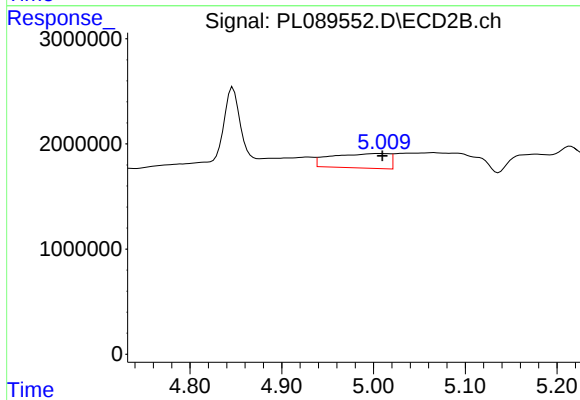
R.T.: 0.000 min  
Exp R.T. : 4.378 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

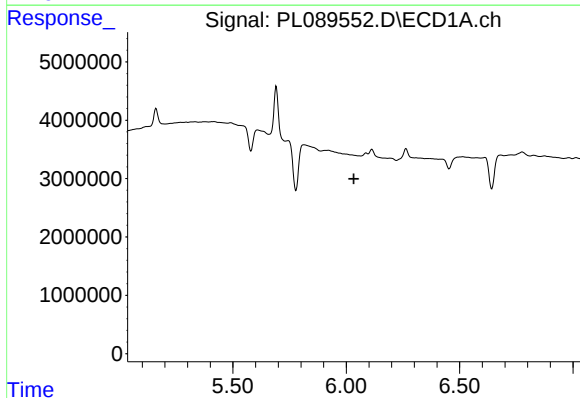
R.T.: 0.000 min  
Exp R.T.: 5.951 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



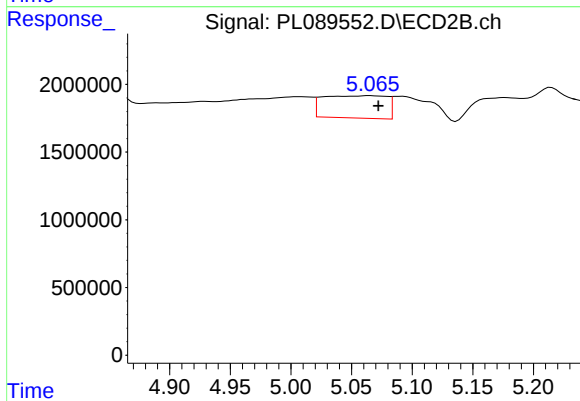
#25 Chlordane-3

R.T.: 5.007 min  
Delta R.T.: -0.003 min  
Response: 6084650  
Conc: 35.54 ng/ml



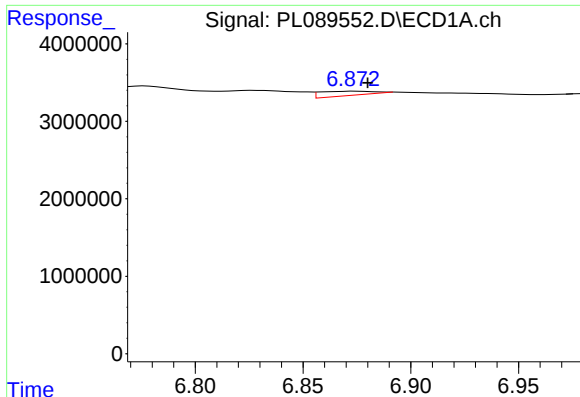
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 6.033 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

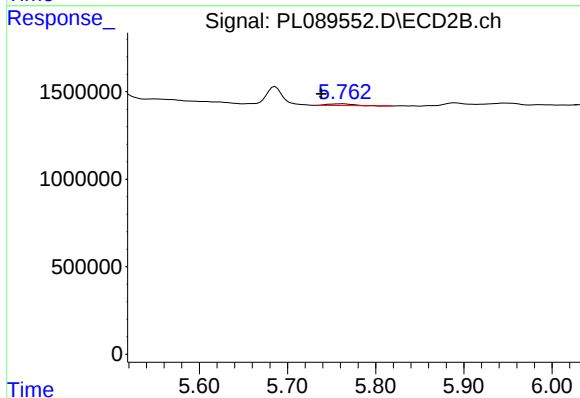
R.T.: 5.065 min  
Delta R.T.: -0.007 min  
Response: 6008180  
Conc: 37.35 ng/ml



#27 Chlordane-5

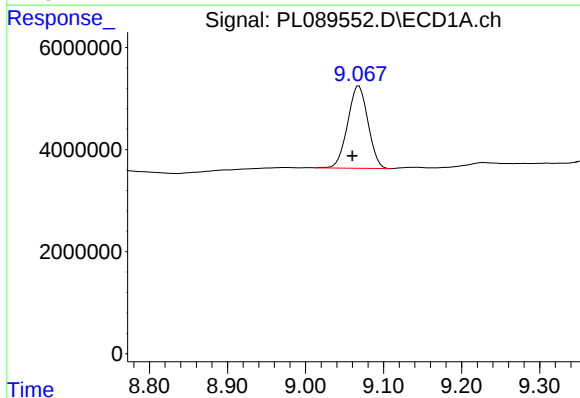
R.T.: 6.875 min  
Delta R.T.: -0.006 min  
Response: 1004394  
Conc: 12.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



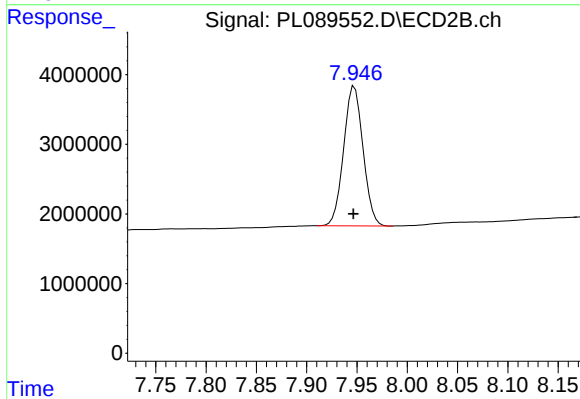
#27 Chlordane-5

R.T.: 5.762 min  
Delta R.T.: 0.024 min  
Response: 179370  
Conc: 3.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.008 min  
Response: 29201267  
Conc: 20.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min  
Delta R.T.: 0.000 min  
Response: 26888190  
Conc: 19.99 ng/ml