

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120123\  
 Data File : PL086908.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Nov 2023 14:03  
 Operator : AR\AJ  
 Sample : 05576-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 30 21:57:06 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112923.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 29 06:35:04 2023  
 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... | 3.343  | 2.610  | 38305189 | 11428602 | 11.981 | 12.566   |
| 28)                         | SA Decachlor... | 8.842  | 7.760  | 44122295 | 16873599 | 16.527 | 15.304   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.093f | 0        | 17402    | N.D.   | 0.014 #  |
| 3)                          | MA gamma-BHC... | 4.129  | 0.000  | 3218848  | 0        | 0.736  | N.D. #   |
| 4)                          | MA Heptachlor   | 0.000  | 3.773  | 0        | 421425   | N.D.   | 0.361 #  |
| 5)                          | MB Aldrin       | 5.040f | 4.051  | 7107666  | 333987   | 1.684  | 0.274 #  |
| 6)                          | B beta-BHC      | 4.342  | 3.745  | 5075590  | 452248   | 2.713  | 0.855 #  |
| 7)                          | B delta-BHC     | 4.578  | 3.961  | 1596475  | 33193    | 0.376  | 0.028 #  |
| 9)                          | A Endosulfan I  | 5.852f | 4.940f | 11802363 | 1613729  | 3.276  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.737  | 4.824f | 13025941 | 299386   | 3.464  | 0.261 #  |
| 11)                         | B alpha-Chl...  | 5.825  | 4.878  | 9826023  | 1340157  | 2.610  | 1.008 #  |
| 12)                         | B 4,4'-DDE      | 6.016  | 5.066  | 5144383  | 368487   | 1.702  | 0.401 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.185  | 0        | 479829   | N.D.   | 0.448 #  |
| 14)                         | MA Endrin       | 0.000  | 5.440f | 0        | 64838    | N.D.   | 0.077 #  |
| 15)                         | B Endosulfa...  | 6.607  | 5.752  | 1084597  | 288531   | 0.380  | 0.311    |
| 17)                         | MA 4,4'-DDT     | 6.814f | 5.872  | 4773695  | 130819   | 1.860  | 0.162 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.947  | 0        | 469982   | N.D.   | 0.673 #  |
| 19)                         | B Endosulfa...  | 6.950f | 6.185f | 750485   | 81327    | 0.263  | 0.086 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.434f | 0        | 39148    | N.D.   | 0.076 #  |
| 22)                         | Mirex           | 0.000  | 6.821f | 0        | 30773    | N.D.   | 0.030 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.595  | 0        | 882456   | N.D.   | 25.729 # |
| 24)                         | Chlordane-2     | 5.040  | 0.000  | 7107666  | 0        | 50.383 | N.D. #   |
| 25)                         | Chlordane-3     | 5.737  | 4.824f | 13025941 | 299386   | 24.614 | 2.734 #  |
| 26)                         | Chlordane-4     | 5.825  | 4.878  | 9826023  | 1340157  | 14.738 | 9.861 #  |
| -----                       |                 |        |        |          |          |        |          |

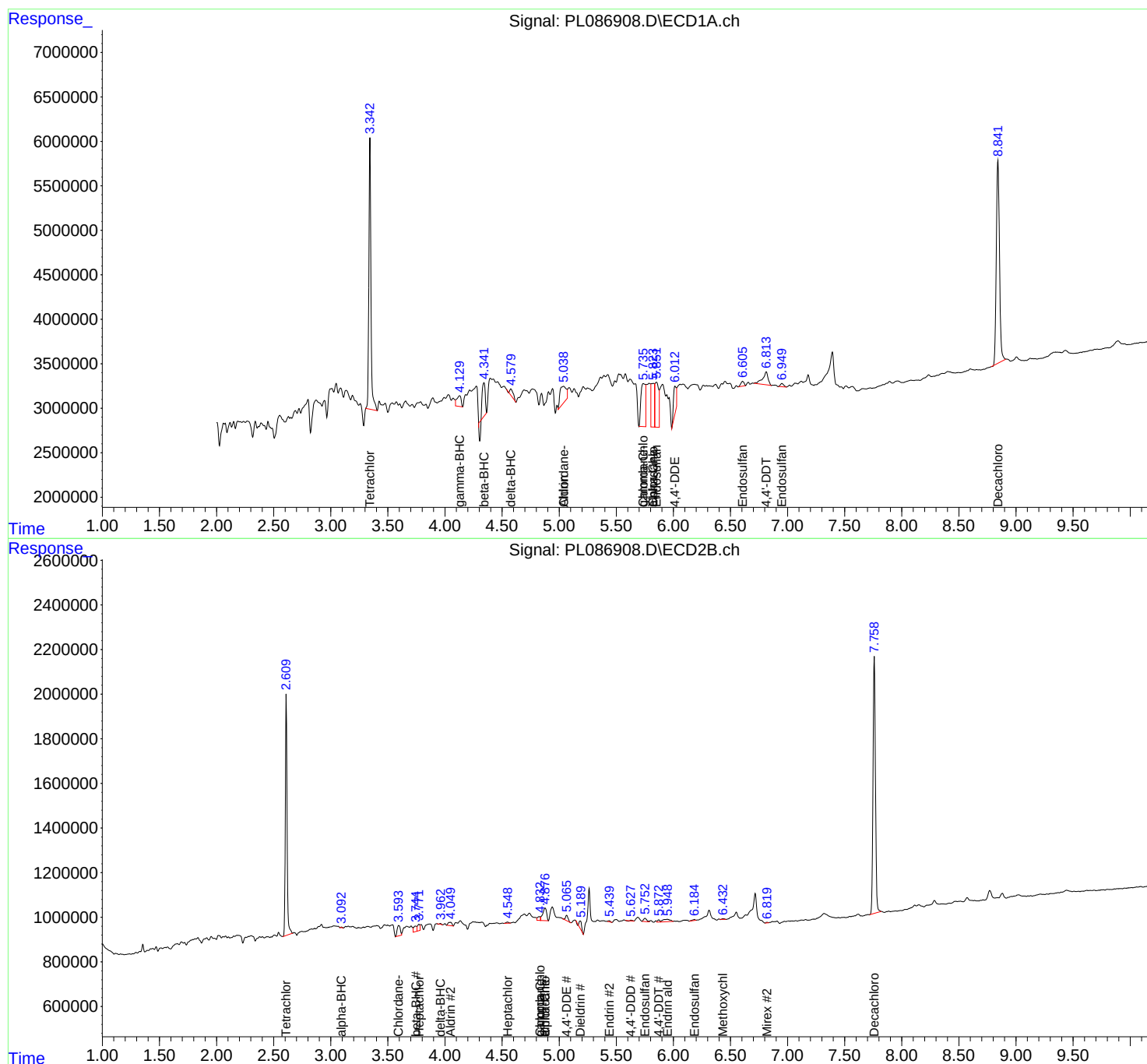
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

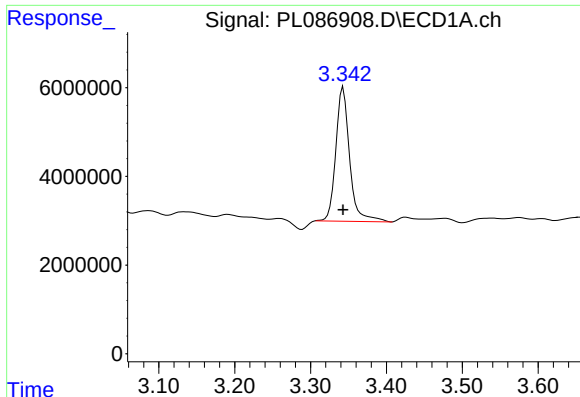
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120123\  
Data File : PL086908.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Nov 2023 14:03  
Operator : AR\AJ  
Sample : 05576-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 30 21:57:06 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112923.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 29 06:35:04 2023  
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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

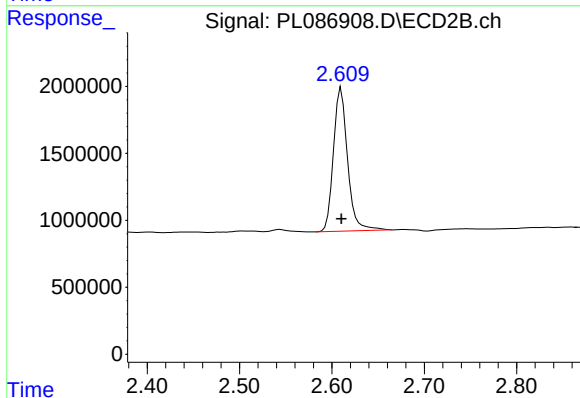




#1 Tetrachloro-m-xylene

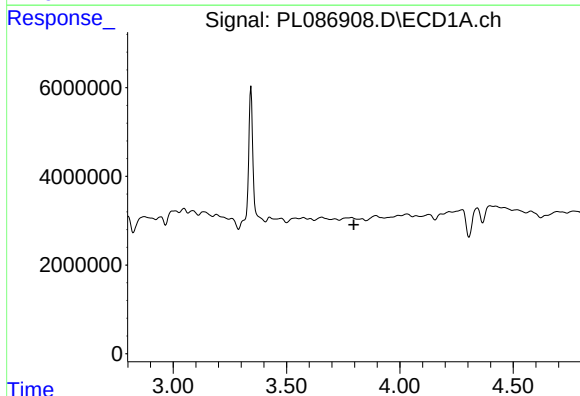
R.T.: 3.343 min  
Delta R.T.: 0.000 min  
Response: 38305189  
Conc: 11.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



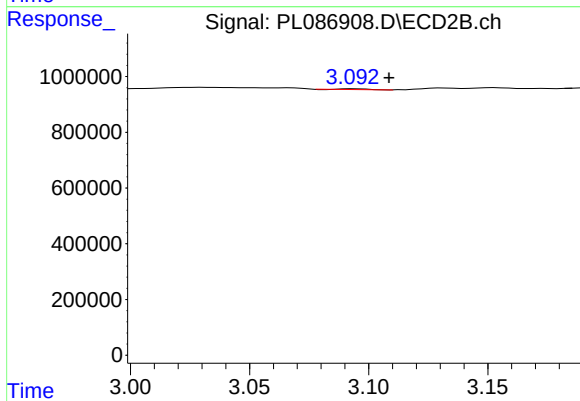
#1 Tetrachloro-m-xylene

R.T.: 2.610 min  
Delta R.T.: 0.000 min  
Response: 11428602  
Conc: 12.57 ng/ml



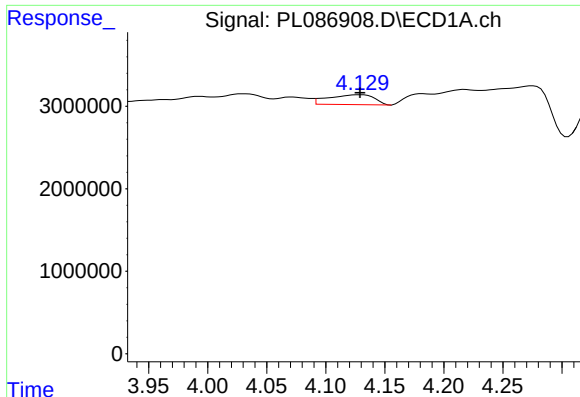
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.797 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

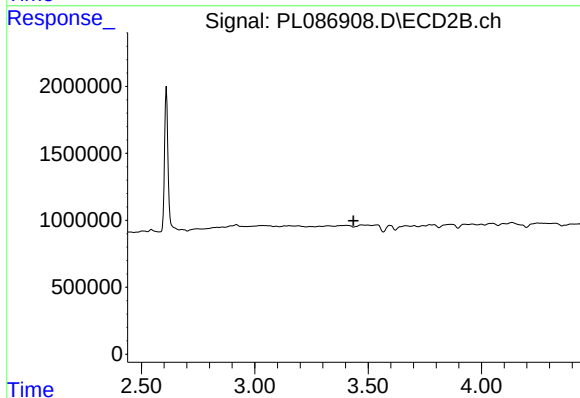
R.T.: 3.093 min  
Delta R.T.: -0.015 min  
Response: 17402  
Conc: 0.01 ng/ml



#3 gamma-BHC (Lindane)

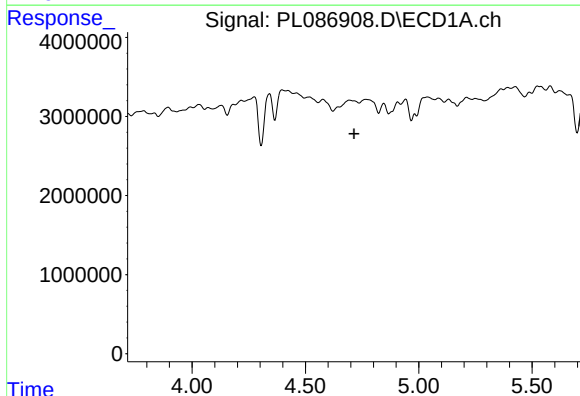
R.T.: 4.129 min  
Delta R.T.: 0.000 min  
Response: 3218848  
Conc: 0.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



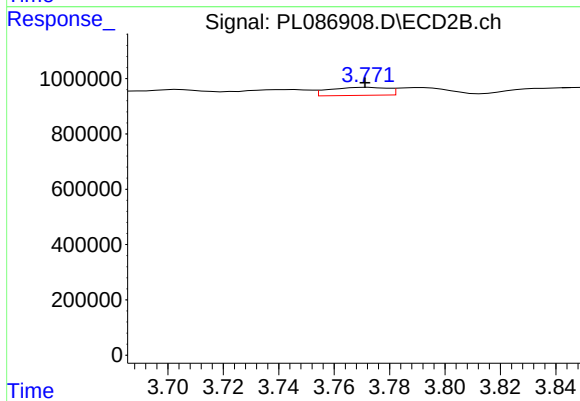
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.436 min  
Response: 0  
Conc: N.D.



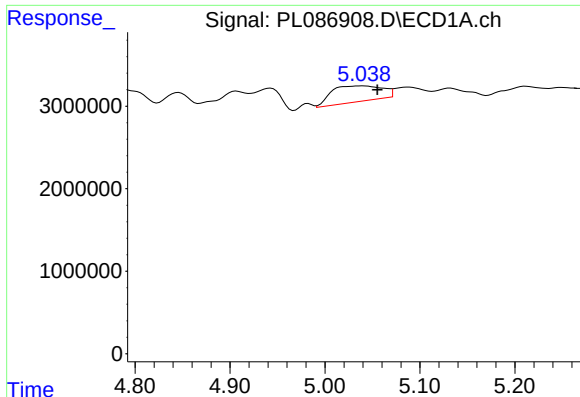
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.715 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

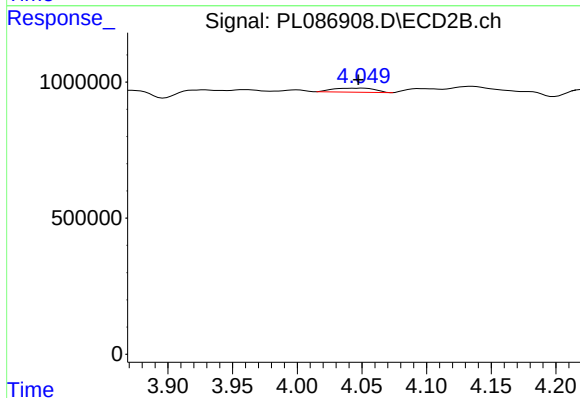
R.T.: 3.773 min  
Delta R.T.: 0.002 min  
Response: 421425  
Conc: 0.36 ng/ml



#5 Aldrin

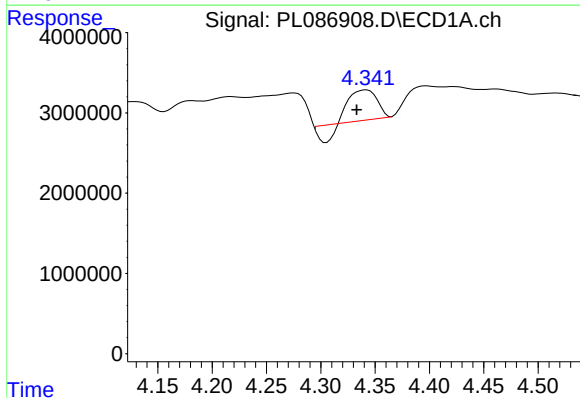
R.T.: 5.040 min  
Delta R.T.: -0.016 min  
Response: 7107666  
Conc: 1.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



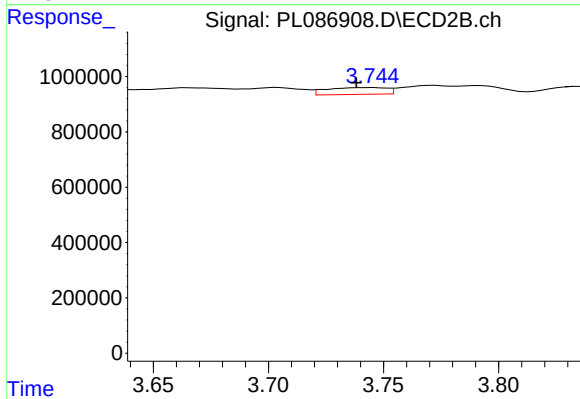
#5 Aldrin

R.T.: 4.051 min  
Delta R.T.: 0.003 min  
Response: 333987  
Conc: 0.27 ng/ml



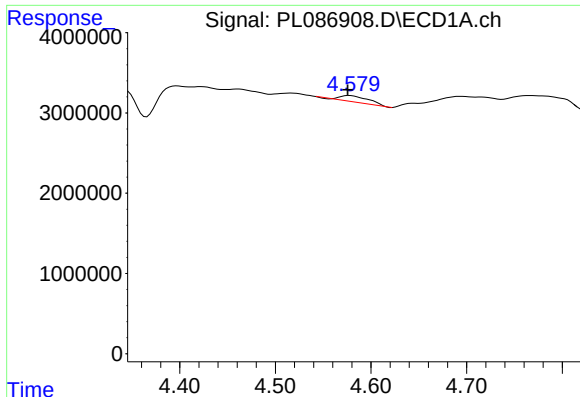
#6 beta-BHC

R.T.: 4.342 min  
Delta R.T.: 0.009 min  
Response: 5075590  
Conc: 2.71 ng/ml



#6 beta-BHC

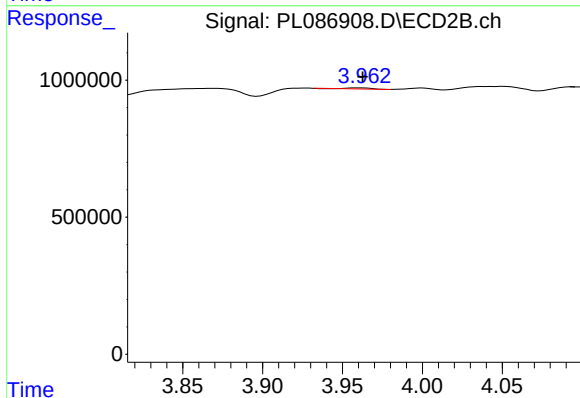
R.T.: 3.745 min  
Delta R.T.: 0.007 min  
Response: 452248  
Conc: 0.85 ng/ml



#7 delta-BHC

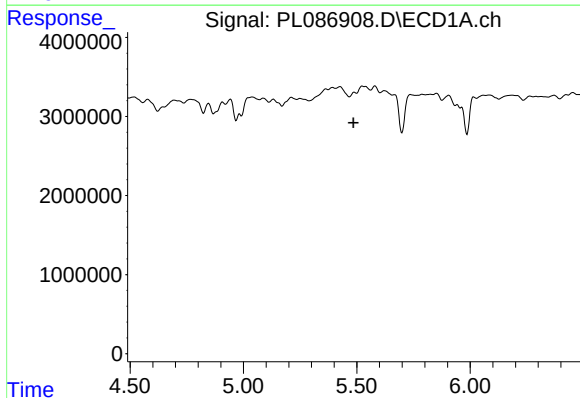
R.T.: 4.578 min  
Delta R.T.: 0.002 min  
Response: 1596475  
Conc: 0.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



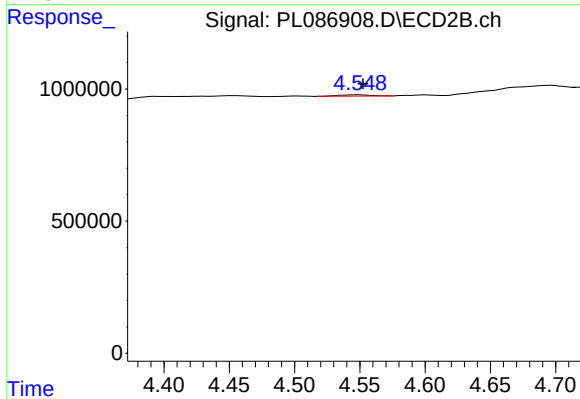
#7 delta-BHC

R.T.: 3.961 min  
Delta R.T.: -0.002 min  
Response: 33193  
Conc: 0.03 ng/ml



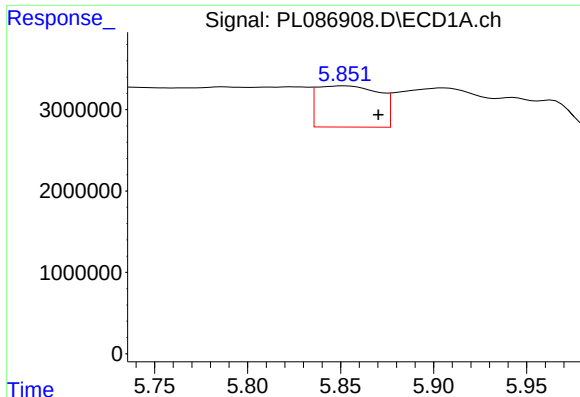
#8 Heptachlor epoxide

R.T.: 5.489 min  
Delta R.T.: 0.002 min  
Response: -477796  
Conc: N.D.



#8 Heptachlor epoxide

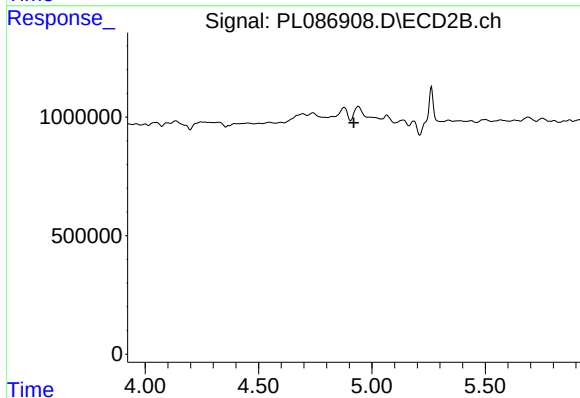
R.T.: 4.548 min  
Delta R.T.: -0.004 min  
Response: 82553  
Conc: 0.07 ng/ml



#9 Endosulfan I

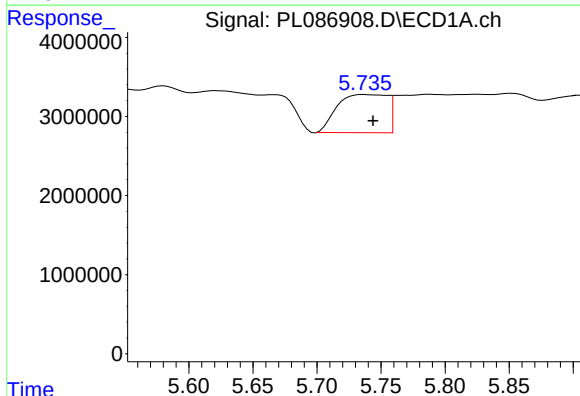
R.T.: 5.852 min  
Delta R.T.: -0.018 min  
Response: 11802363  
Conc: 3.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



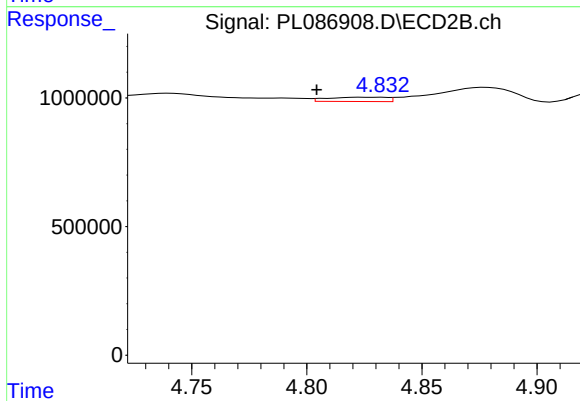
#9 Endosulfan I

R.T.: 4.940 min  
Delta R.T.: 0.021 min  
Response: 1613729  
Conc: N.D.



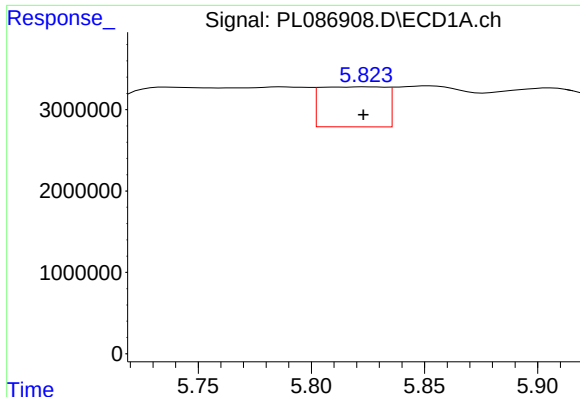
#10 gamma-Chlordane

R.T.: 5.737 min  
Delta R.T.: -0.007 min  
Response: 13025941  
Conc: 3.46 ng/ml



#10 gamma-Chlordane

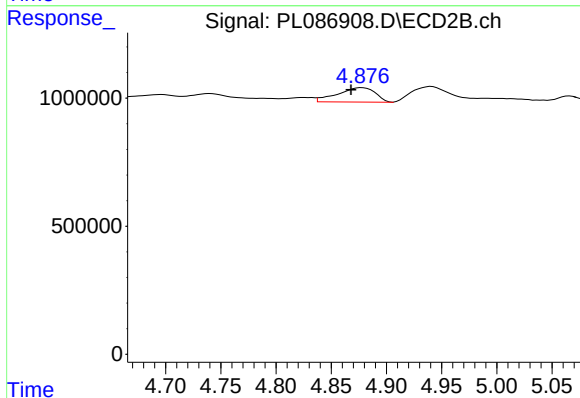
R.T.: 4.824 min  
Delta R.T.: 0.020 min  
Response: 299386  
Conc: 0.26 ng/ml



#11 alpha-Chlordane

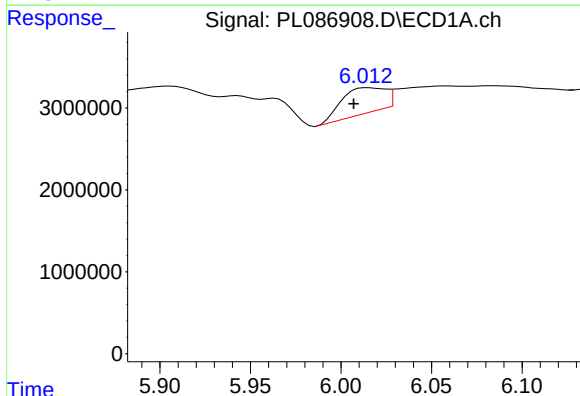
R.T.: 5.825 min  
Delta R.T.: 0.002 min  
Response: 9826023  
Conc: 2.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



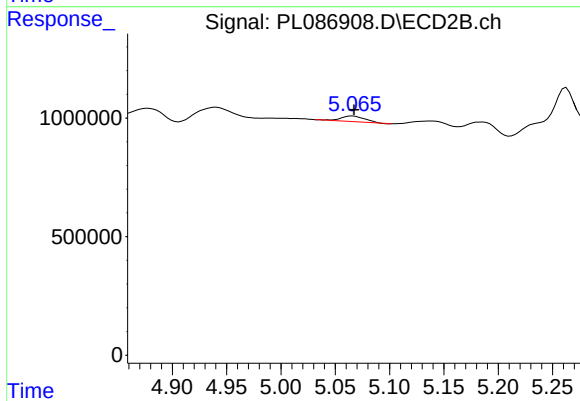
#11 alpha-Chlordane

R.T.: 4.878 min  
Delta R.T.: 0.010 min  
Response: 1340157  
Conc: 1.01 ng/ml



#12 4,4'-DDE

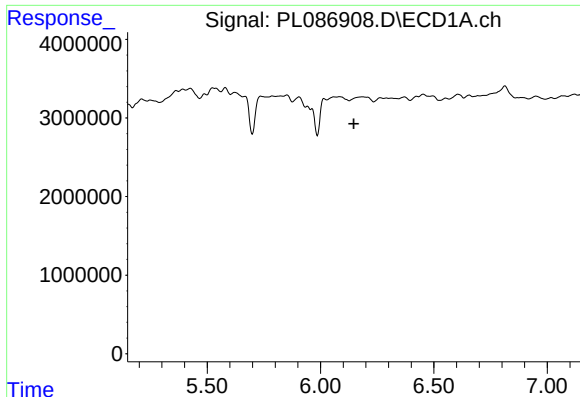
R.T.: 6.016 min  
Delta R.T.: 0.008 min  
Response: 5144383  
Conc: 1.70 ng/ml



#12 4,4'-DDE

R.T.: 5.066 min  
Delta R.T.: -0.001 min  
Response: 368487  
Conc: 0.40 ng/ml

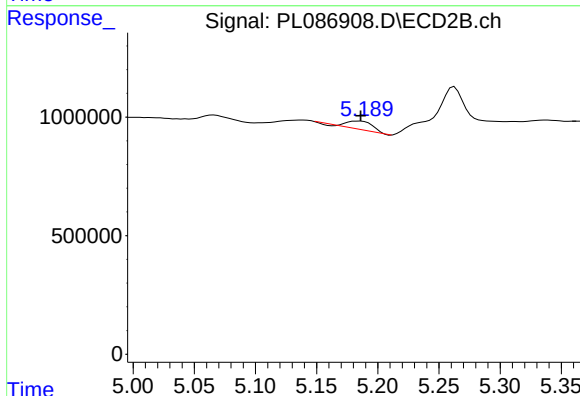




#13 Dieldrin

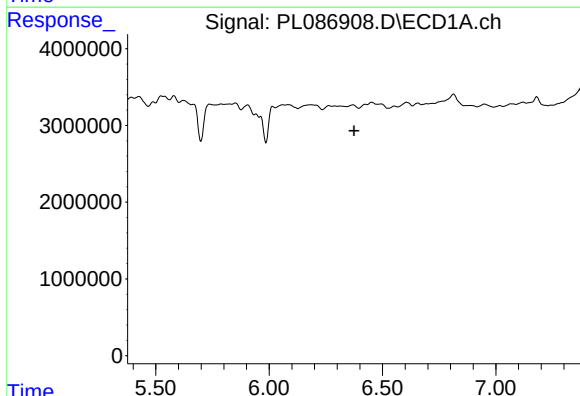
R.T.: 0.000 min  
Exp R.T.: 6.147 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



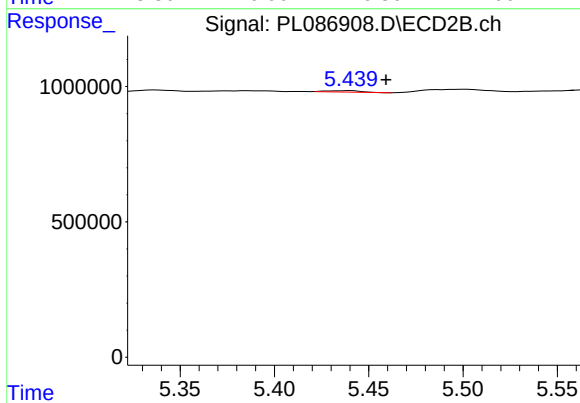
#13 Dieldrin

R.T.: 5.185 min  
Delta R.T.: -0.001 min  
Response: 479829  
Conc: 0.45 ng/ml



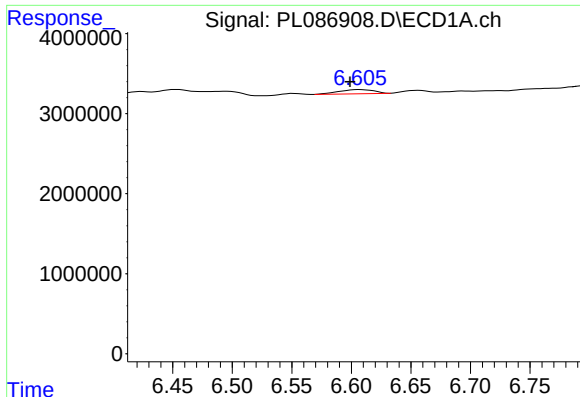
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.375 min  
Response: 0  
Conc: N.D.



#14 Endrin

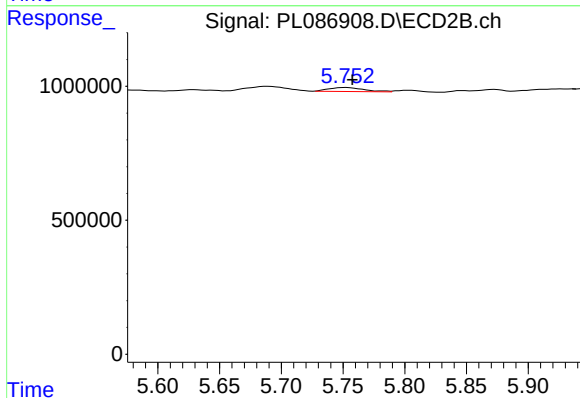
R.T.: 5.440 min  
Delta R.T.: -0.019 min  
Response: 64838  
Conc: 0.08 ng/ml



#15 Endosulfan II

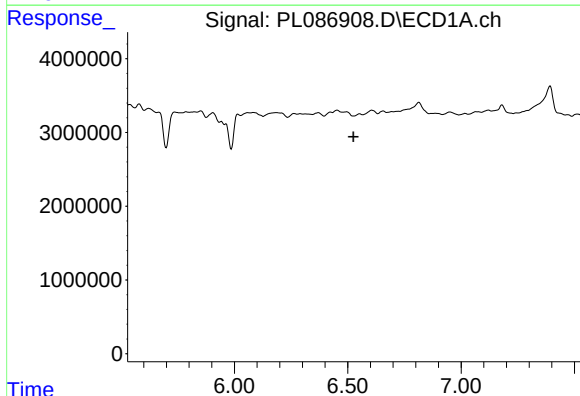
R.T.: 6.607 min  
Delta R.T.: 0.007 min  
Response: 1084597  
Conc: 0.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



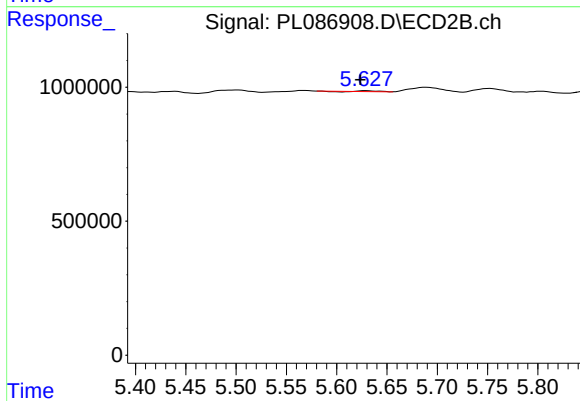
#15 Endosulfan II

R.T.: 5.752 min  
Delta R.T.: -0.005 min  
Response: 288531  
Conc: 0.31 ng/ml



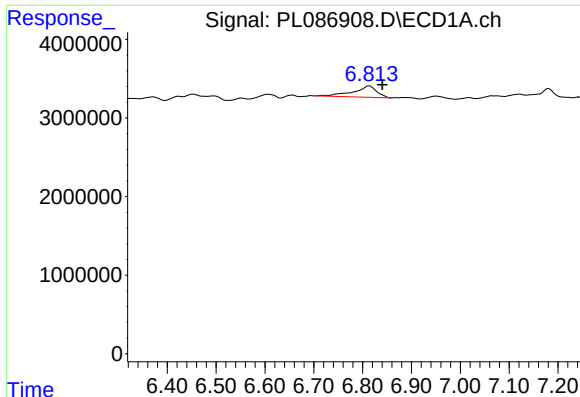
#16 4,4'-DDD

R.T.: 6.552 min  
Delta R.T.: 0.026 min  
Response: -348368  
Conc: N.D.



#16 4,4'-DDD

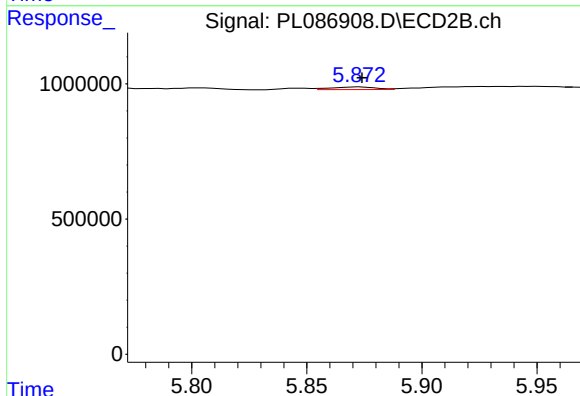
R.T.: 5.629 min  
Delta R.T.: 0.006 min  
Response: 27653  
Conc: 0.04 ng/ml



#17 4,4'-DDT

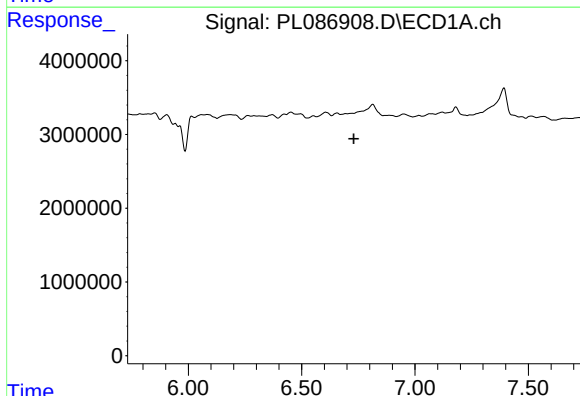
R.T.: 6.814 min  
Delta R.T.: -0.027 min  
Response: 4773695  
Conc: 1.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



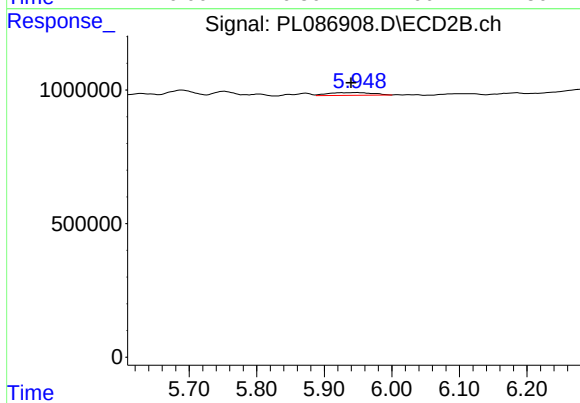
#17 4,4'-DDT

R.T.: 5.872 min  
Delta R.T.: -0.002 min  
Response: 130819  
Conc: 0.16 ng/ml



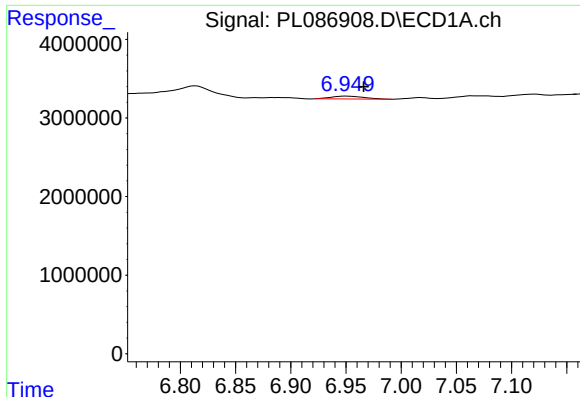
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.730 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

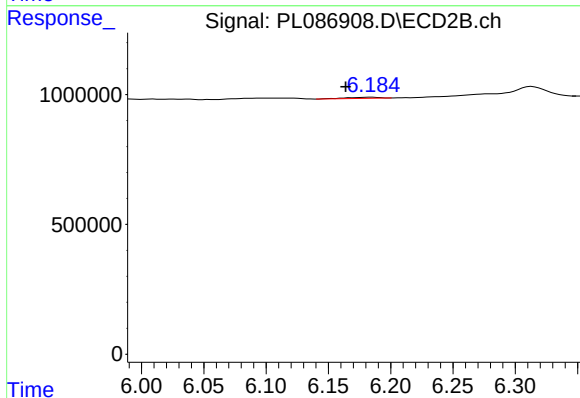
R.T.: 5.947 min  
Delta R.T.: 0.008 min  
Response: 469982  
Conc: 0.67 ng/ml



#19 Endosulfan Sulfate

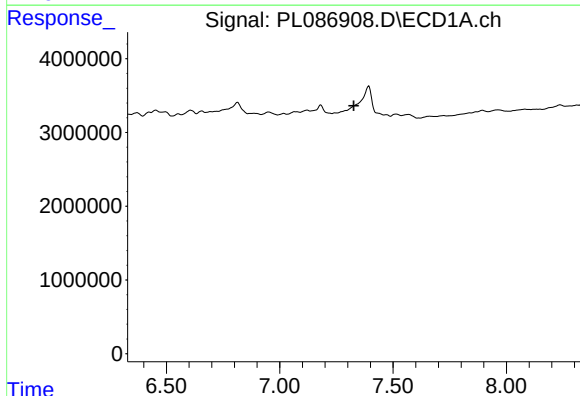
R.T.: 6.950 min  
Delta R.T.: -0.016 min  
Response: 750485  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



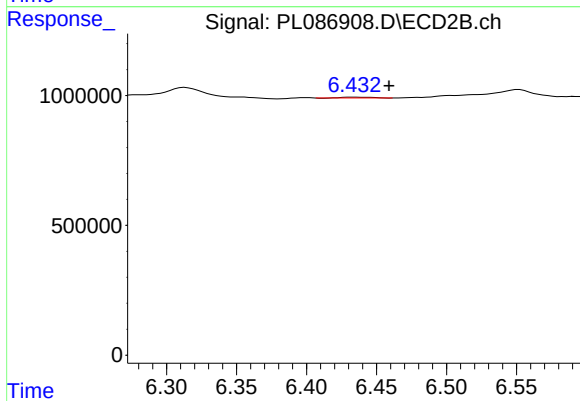
#19 Endosulfan Sulfate

R.T.: 6.185 min  
Delta R.T.: 0.021 min  
Response: 81327  
Conc: 0.09 ng/ml



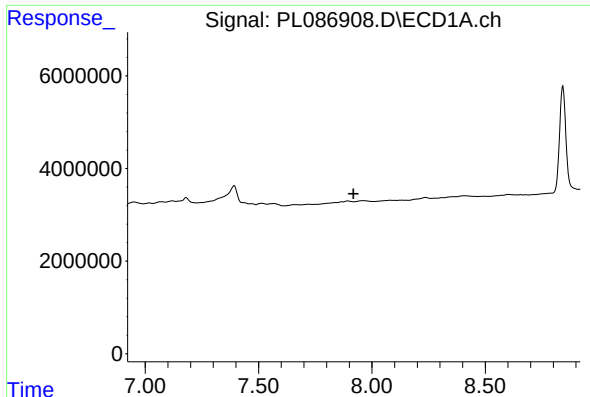
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.327 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

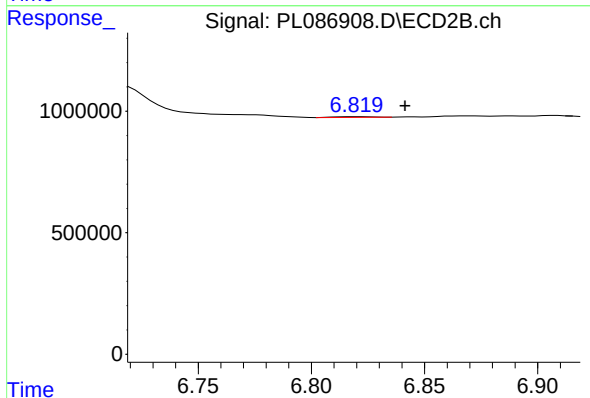
R.T.: 6.434 min  
Delta R.T.: -0.025 min  
Response: 39148  
Conc: 0.08 ng/ml



#22 Mirex

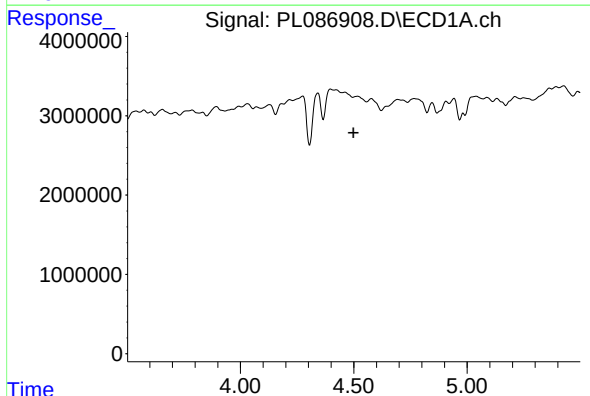
R.T.: 0.000 min  
Exp R.T.: 7.919 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



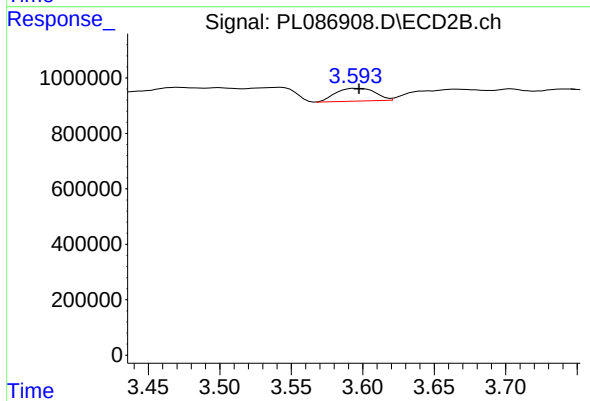
#22 Mirex

R.T.: 6.821 min  
Delta R.T.: -0.021 min  
Response: 30773  
Conc: 0.03 ng/ml



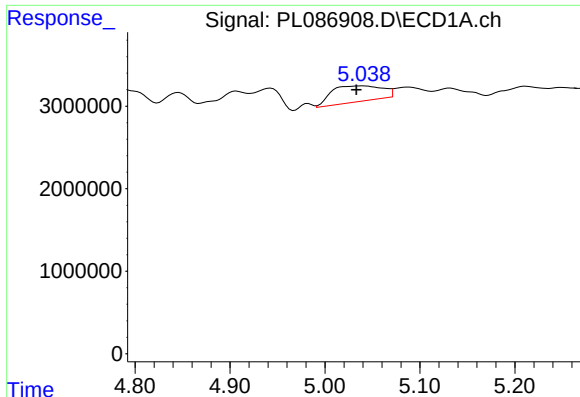
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.499 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

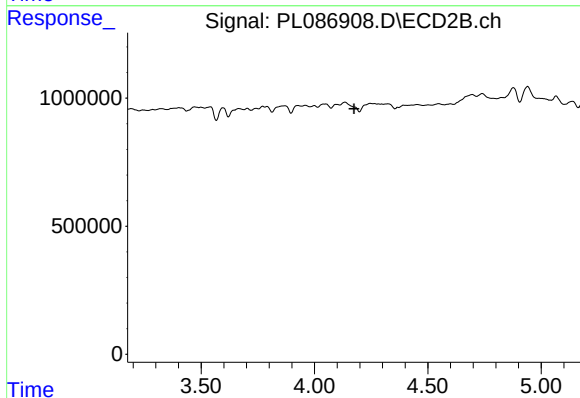
R.T.: 3.595 min  
Delta R.T.: -0.003 min  
Response: 882456  
Conc: 25.73 ng/ml



#24 Chlordane-2

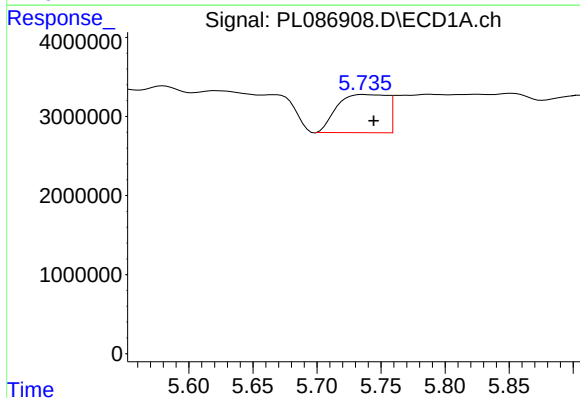
R.T.: 5.040 min  
Delta R.T.: 0.007 min  
Response: 7107666  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



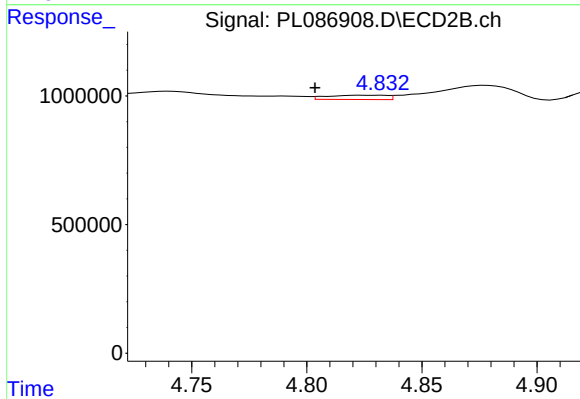
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.175 min  
Response: 0  
Conc: N.D.



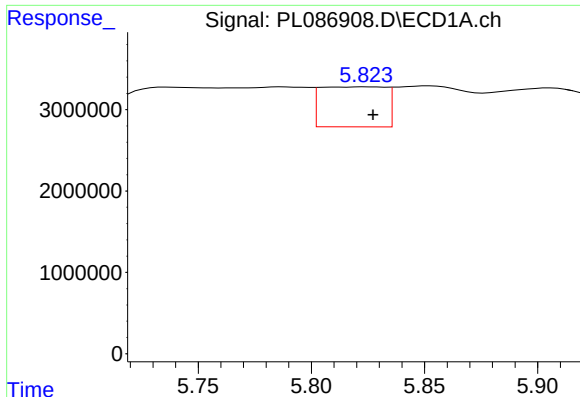
#25 Chlordane-3

R.T.: 5.737 min  
Delta R.T.: -0.007 min  
Response: 13025941  
Conc: 24.61 ng/ml



#25 Chlordane-3

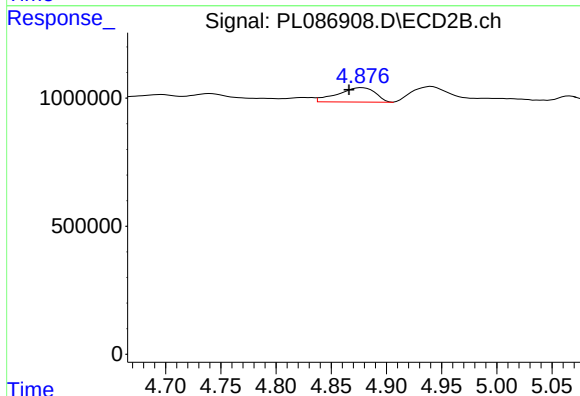
R.T.: 4.824 min  
Delta R.T.: 0.021 min  
Response: 299386  
Conc: 2.73 ng/ml



#26 Chlordane-4

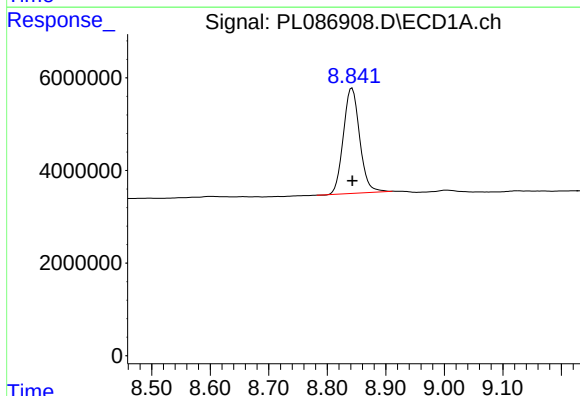
R.T.: 5.825 min  
Delta R.T.: -0.002 min  
Response: 9826023  
Conc: 14.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



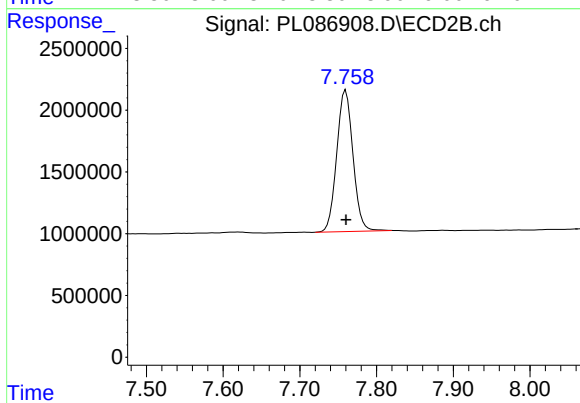
#26 Chlordane-4

R.T.: 4.878 min  
Delta R.T.: 0.011 min  
Response: 1340157  
Conc: 9.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.842 min  
Delta R.T.: 0.000 min  
Response: 44122295  
Conc: 16.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.760 min  
Delta R.T.: 0.000 min  
Response: 16873599  
Conc: 15.30 ng/ml