

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121223\  
 Data File : PL087129.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Dec 2023 23:15  
 Operator : AR\AJ  
 Sample : 05767-07  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SP-E3-COMP

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 13 03:25:07 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121223.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 12 17:22:26 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... | 3.455  | 2.704  | 42033912 | 11087901 | 11.521 | 11.227   |
| 28)                         | SA Decachlor... | 9.050  | 7.900  | 36359428 | 12139506 | 12.012 | 11.851   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 0.000  | 3.553  | 0        | 33318    | N.D.   | 0.025 #  |
| 4)                          | MA Heptachlor   | 4.845  | 3.886  | 153492   | 768407   | 0.030  | 0.592 #  |
| 5)                          | MB Aldrin       | 5.160f | 4.164  | 10404167 | 1013709  | 2.170  | 0.826 #  |
| 6)                          | B beta-BHC      | 4.472f | 0.000  | 31176    | 0        | 0.015  | N.D. #   |
| 7)                          | B delta-BHC     | 4.702  | 4.082  | 1108681  | 313826   | 0.242  | 0.245    |
| 8)                          | B Heptachlo...  | 5.619  | 4.670  | 1437024  | 170867   | 0.339  | 0.148 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.055  | 0        | 794642   | N.D.   | 0.654 #  |
| 10)                         | B gamma-Chl...  | 5.881  | 4.911f | 14390828 | 3350696  | 3.354  | 2.738    |
| 11)                         | B alpha-Chl...  | 5.966  | 4.991  | 29367344 | 6457325  | 6.867  | 5.133 #  |
| 12)                         | B 4,4'-DDE      | 6.145  | 5.191  | 13404491 | 3281956  | 4.095  | 3.157    |
| 13)                         | MA Dieldrin     | 6.296  | 5.320  | 1210909  | 1230500  | 0.297  | 1.057 #  |
| 14)                         | MA Endrin       | 6.529  | 5.607f | 1648713  | 892247   | 0.495  | 0.873 #  |
| 15)                         | B Endosulfa...  | 6.747  | 5.888  | 3043347  | 1221719  | 0.840  | 1.248 #  |
| 16)                         | A 4,4'-DDD      | 6.681  | 5.749  | 9889586  | 152185   | 4.064  | 0.184 #  |
| 17)                         | MA 4,4'-DDT     | 6.985  | 5.996  | 2989285  | 4177371  | 1.058  | 4.762 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.044f | 0        | 1915449  | N.D.   | 2.404 #  |
| 19)                         | B Endosulfa...  | 7.106  | 6.299  | 928532   | 1547594  | 0.282  | 1.656 #  |
| 21)                         | B Endrin ke...  | 7.593  | 0.000  | 9943126  | 0        | 3.065  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 6.974  | 0        | 74146    | N.D.   | 0.079 #  |
| 23)                         | Chlordane-1     | 4.626  | 3.709  | 5109599  | 1618684  | 34.323 | 47.865 # |
| 24)                         | Chlordane-2     | 5.160  | 4.295  | 10404167 | 2710724  | 65.502 | 63.704   |
| 25)                         | Chlordane-3     | 5.881  | 4.911f | 14390828 | 3350696  | 23.694 | 27.928   |
| 26)                         | Chlordane-4     | 5.966  | 4.991  | 29367344 | 6457325  | 38.984 | 48.490   |
| 27)                         | Chlordane-5     | 6.807  | 5.668  | 4847875  | 3119701  | 41.573 | 97.854 # |
| -----                       |                 |        |        |          |          |        |          |

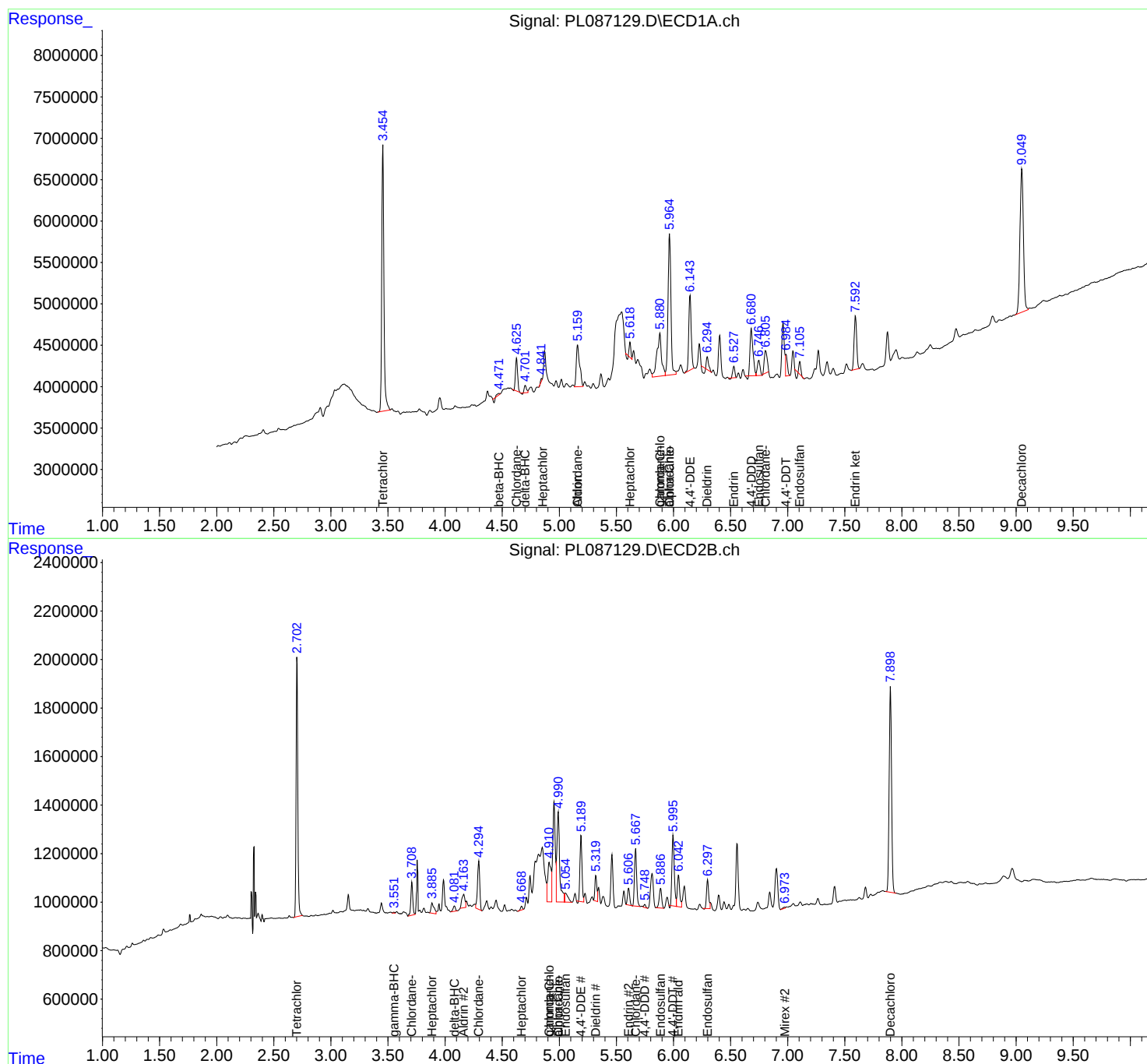
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

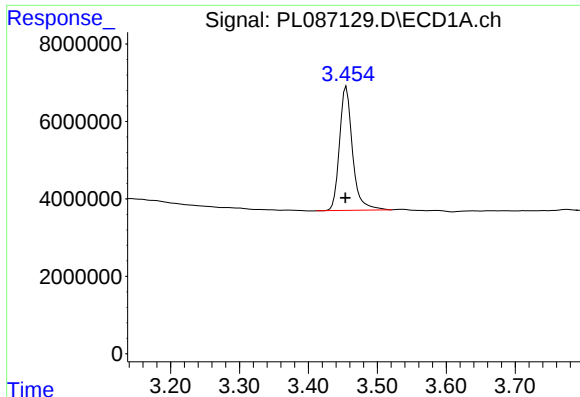
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121223\  
Data File : PL087129.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Dec 2023 23:15  
Operator : AR\AJ  
Sample : 05767-07  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 13 03:25:07 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121223.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 12 17:22:26 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

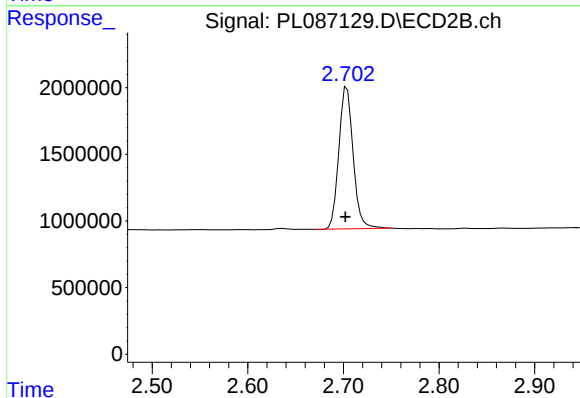




#1 Tetrachloro-m-xylene

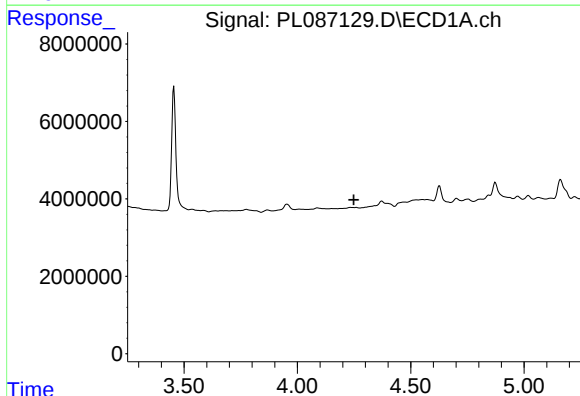
R.T.: 3.455 min  
Delta R.T.: 0.001 min  
Response: 42033912  
Conc: 11.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP



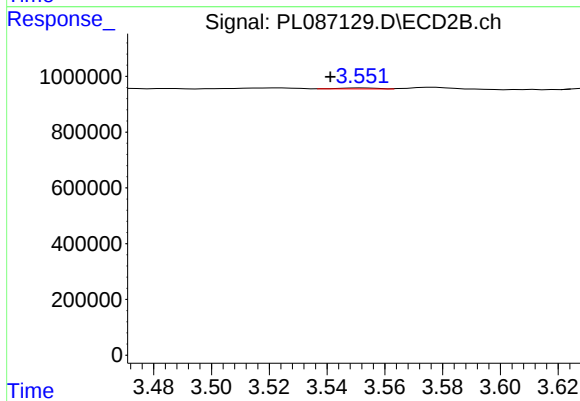
#1 Tetrachloro-m-xylene

R.T.: 2.704 min  
Delta R.T.: 0.002 min  
Response: 11087901  
Conc: 11.23 ng/ml



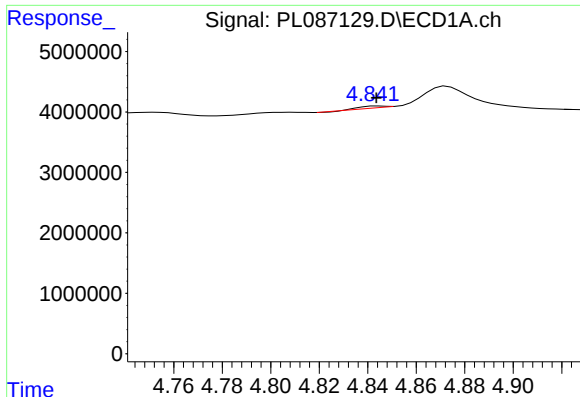
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.248 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

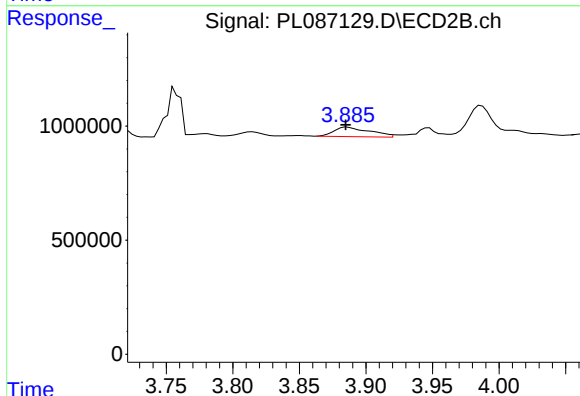
R.T.: 3.553 min  
Delta R.T.: 0.012 min  
Response: 33318  
Conc: 0.03 ng/ml



#4 Heptachlor

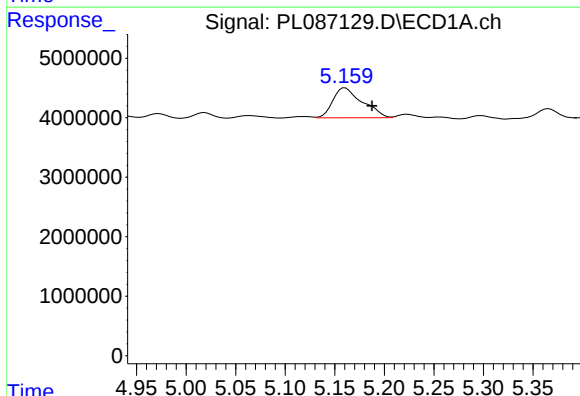
R.T.: 4.845 min  
Delta R.T.: 0.000 min  
Response: 153492  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP



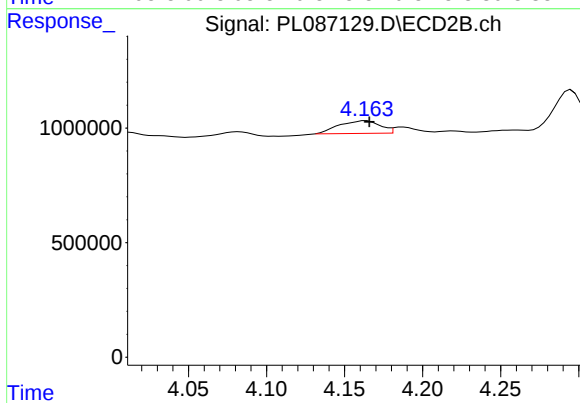
#4 Heptachlor

R.T.: 3.886 min  
Delta R.T.: 0.001 min  
Response: 768407  
Conc: 0.59 ng/ml



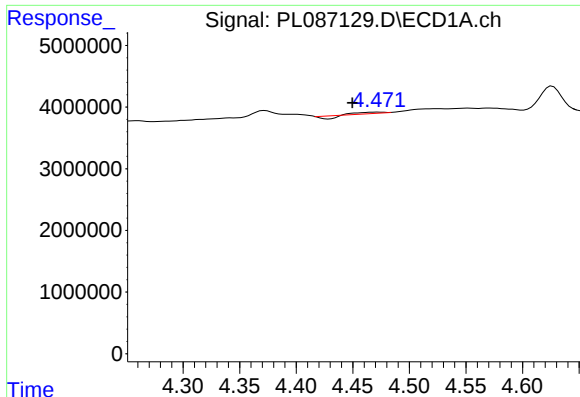
#5 Aldrin

R.T.: 5.160 min  
Delta R.T.: -0.027 min  
Response: 10404167  
Conc: 2.17 ng/ml



#5 Aldrin

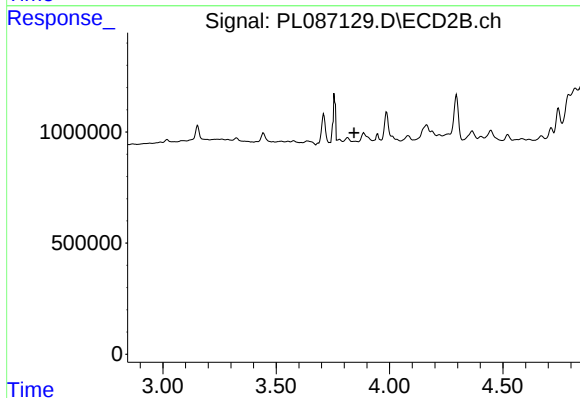
R.T.: 4.164 min  
Delta R.T.: -0.002 min  
Response: 1013709  
Conc: 0.83 ng/ml



#6 beta-BHC

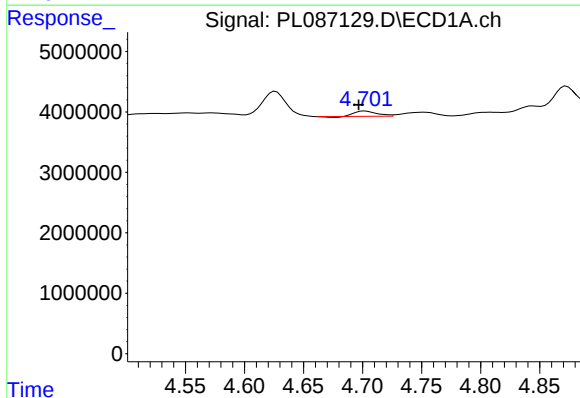
R.T.: 4.472 min  
Delta R.T.: 0.023 min  
Response: 31176  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP



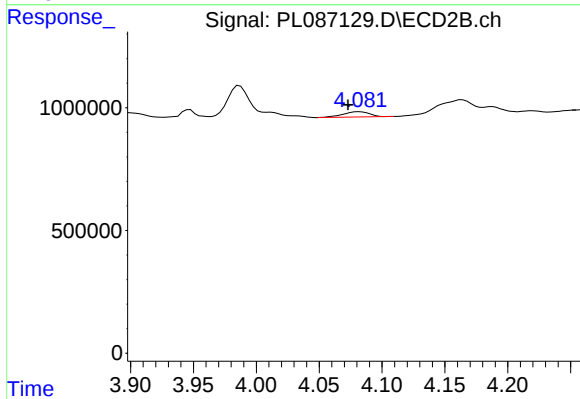
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 3.843 min  
Response: 0  
Conc: N.D.



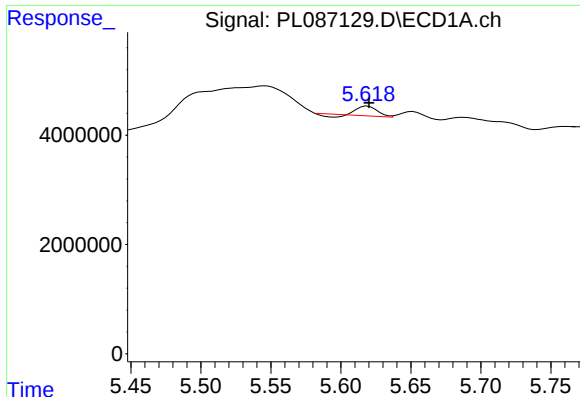
#7 delta-BHC

R.T.: 4.702 min  
Delta R.T.: 0.005 min  
Response: 1108681  
Conc: 0.24 ng/ml



#7 delta-BHC

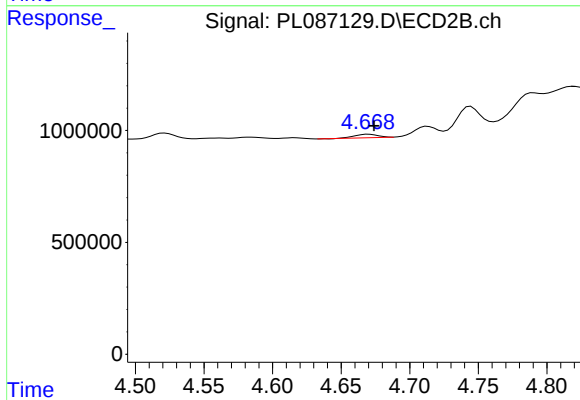
R.T.: 4.082 min  
Delta R.T.: 0.009 min  
Response: 313826  
Conc: 0.24 ng/ml



#8 Heptachlor epoxide

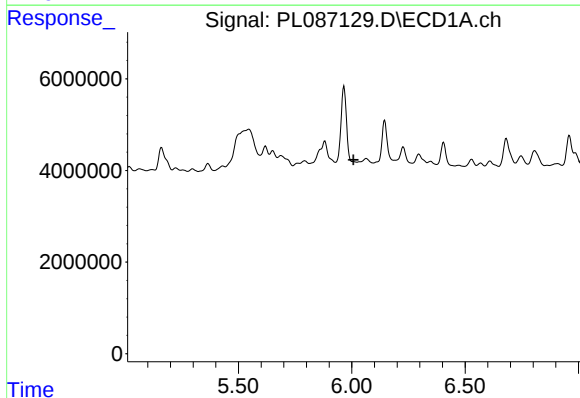
R.T.: 5.619 min  
Delta R.T.: -0.001 min  
Response: 1437024  
Conc: 0.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP



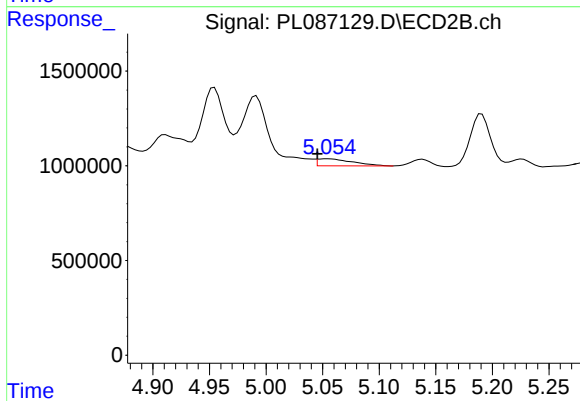
#8 Heptachlor epoxide

R.T.: 4.670 min  
Delta R.T.: -0.004 min  
Response: 170867  
Conc: 0.15 ng/ml



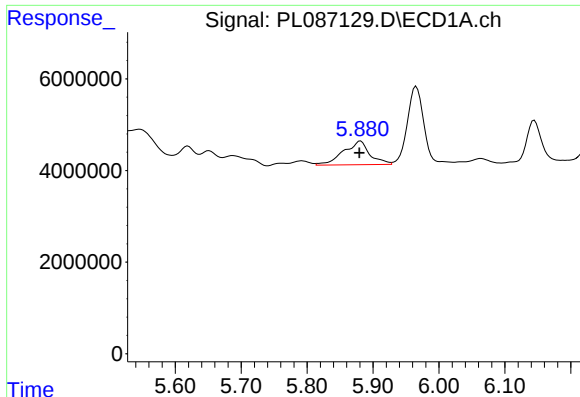
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.008 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

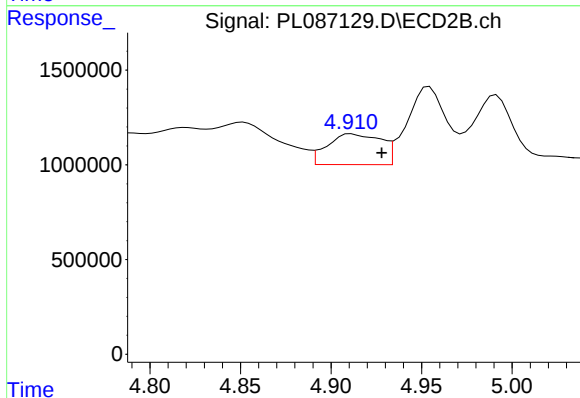
R.T.: 5.055 min  
Delta R.T.: 0.010 min  
Response: 794642  
Conc: 0.65 ng/ml



#10 gamma-Chlordane

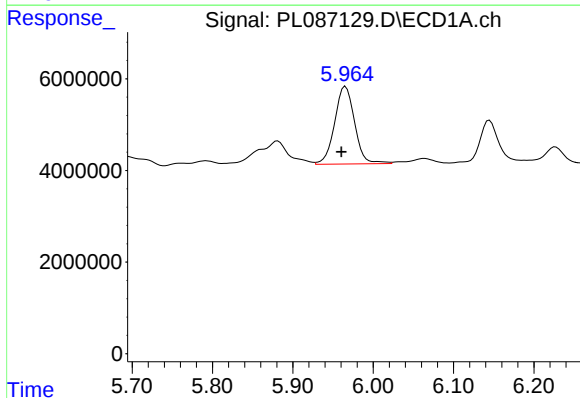
R.T.: 5.881 min  
Delta R.T.: 0.002 min  
Response: 14390828  
Conc: 3.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP



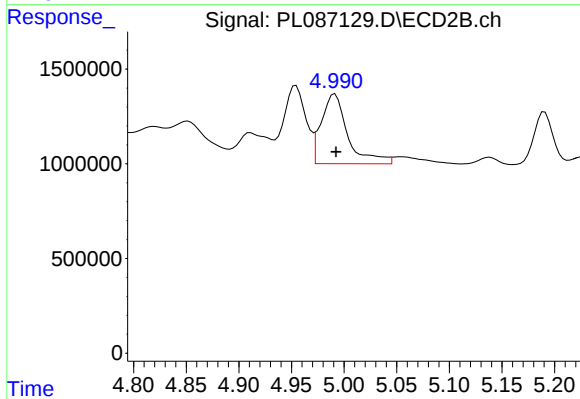
#10 gamma-Chlordane

R.T.: 4.911 min  
Delta R.T.: -0.017 min  
Response: 3350696  
Conc: 2.74 ng/ml



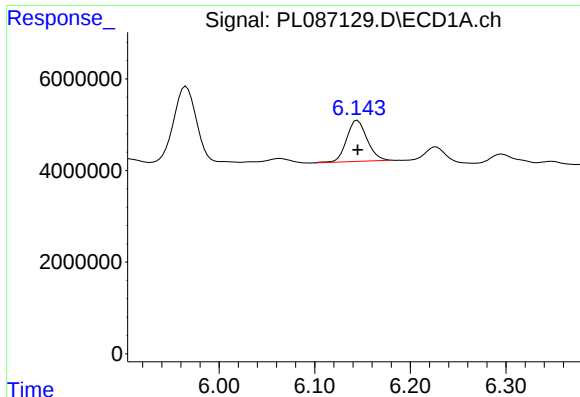
#11 alpha-Chlordane

R.T.: 5.966 min  
Delta R.T.: 0.005 min  
Response: 29367344  
Conc: 6.87 ng/ml



#11 alpha-Chlordane

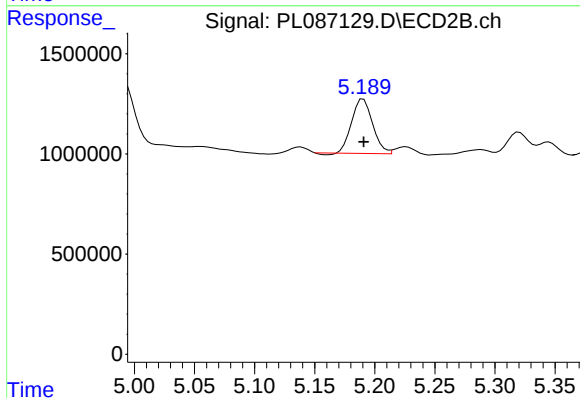
R.T.: 4.991 min  
Delta R.T.: 0.000 min  
Response: 6457325  
Conc: 5.13 ng/ml



#12 4,4'-DDE

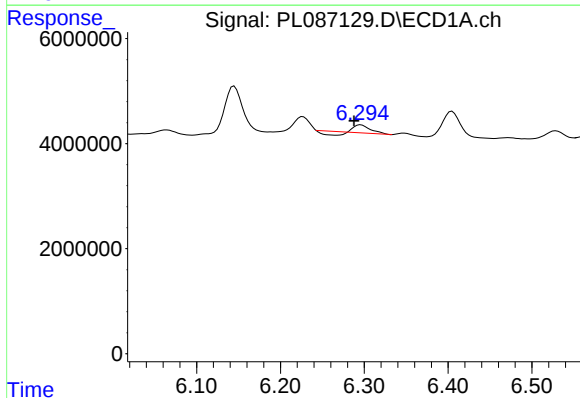
R.T.: 6.145 min  
Delta R.T.: 0.000 min  
Response: 13404491  
Conc: 4.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP



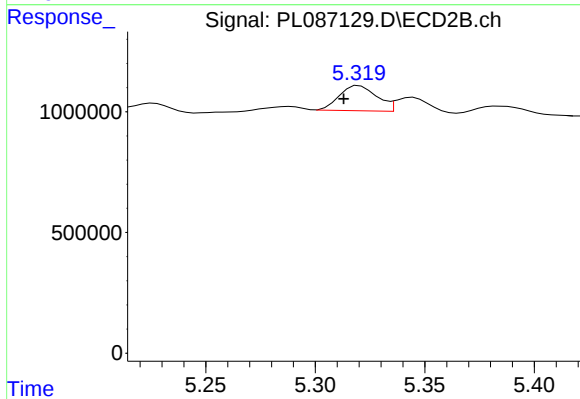
#12 4,4'-DDE

R.T.: 5.191 min  
Delta R.T.: 0.000 min  
Response: 3281956  
Conc: 3.16 ng/ml



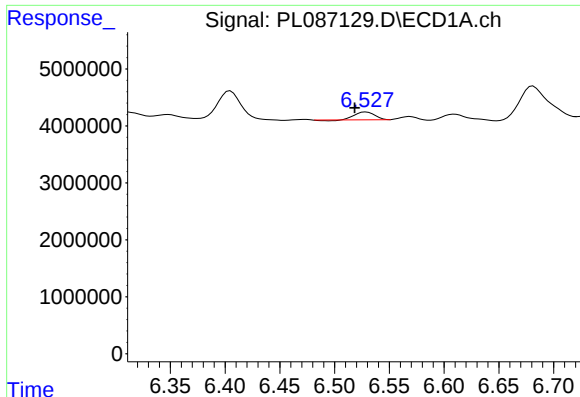
#13 Dieldrin

R.T.: 6.296 min  
Delta R.T.: 0.008 min  
Response: 1210909  
Conc: 0.30 ng/ml



#13 Dieldrin

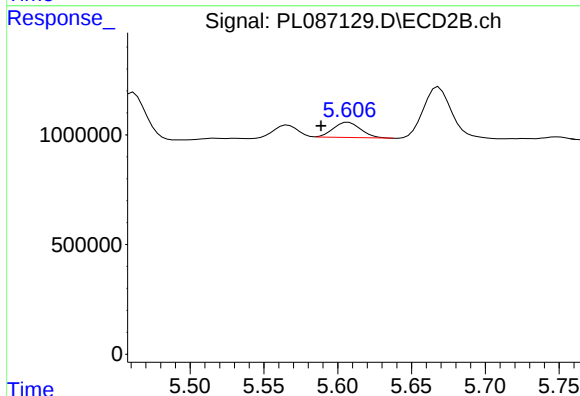
R.T.: 5.320 min  
Delta R.T.: 0.007 min  
Response: 1230500  
Conc: 1.06 ng/ml



#14 Endrin

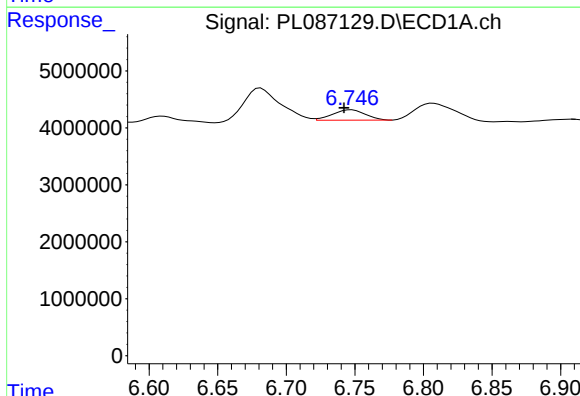
R.T.: 6.529 min  
Delta R.T.: 0.010 min  
Response: 1648713  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP



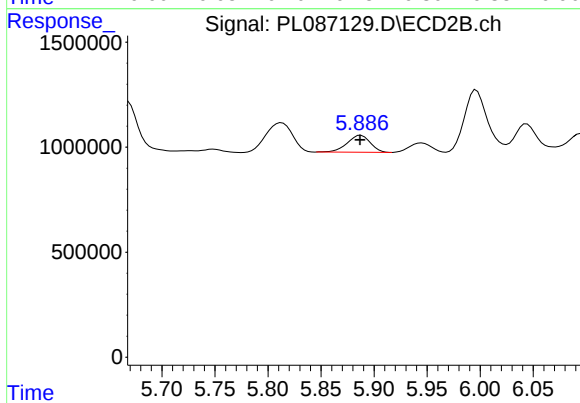
#14 Endrin

R.T.: 5.607 min  
Delta R.T.: 0.019 min  
Response: 892247  
Conc: 0.87 ng/ml



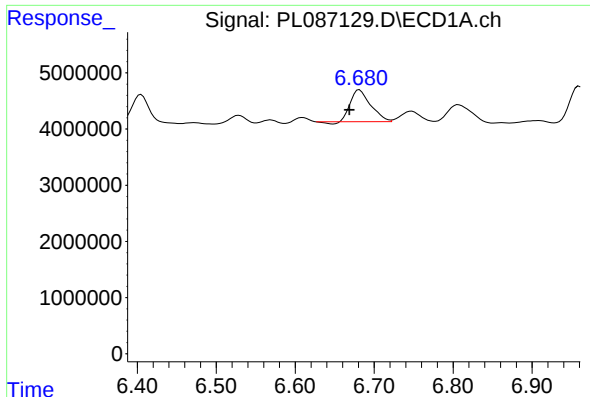
#15 Endosulfan II

R.T.: 6.747 min  
Delta R.T.: 0.005 min  
Response: 3043347  
Conc: 0.84 ng/ml



#15 Endosulfan II

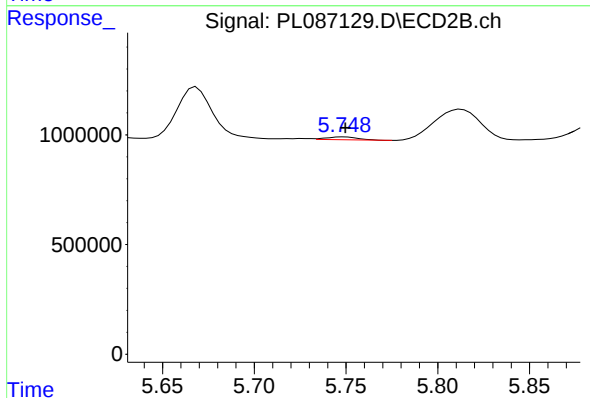
R.T.: 5.888 min  
Delta R.T.: 0.000 min  
Response: 1221719  
Conc: 1.25 ng/ml



#16 4,4'-DDD

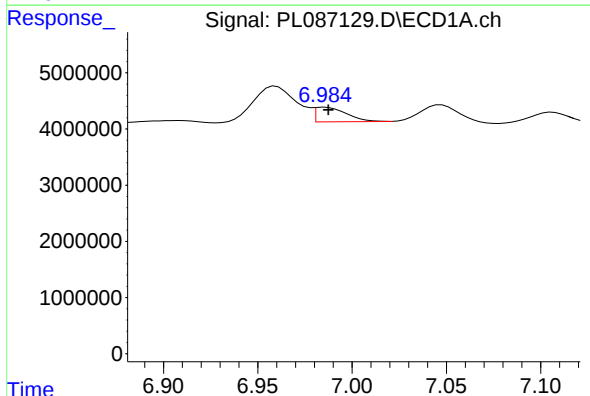
R.T.: 6.681 min  
Delta R.T.: 0.013 min  
Response: 9889586  
Conc: 4.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP



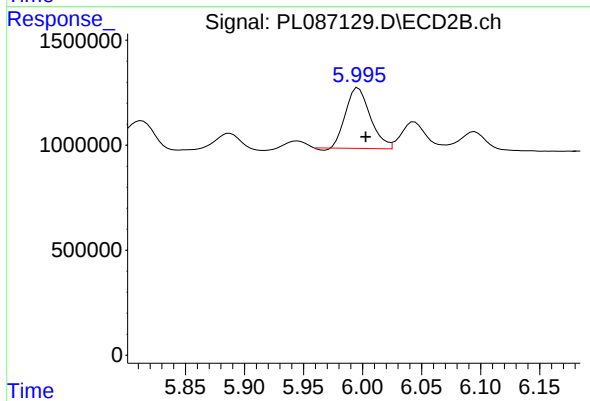
#16 4,4'-DDD

R.T.: 5.749 min  
Delta R.T.: 0.000 min  
Response: 152185  
Conc: 0.18 ng/ml



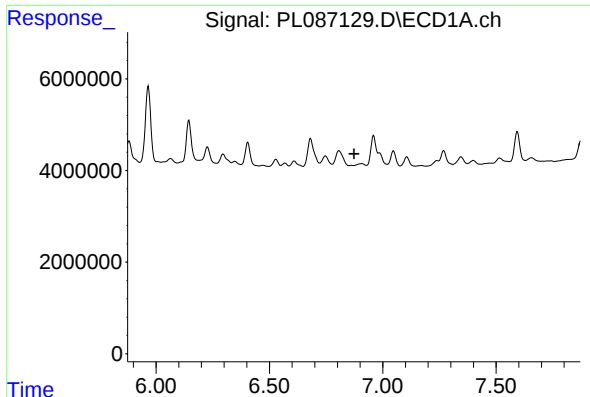
#17 4,4'-DDT

R.T.: 6.985 min  
Delta R.T.: -0.002 min  
Response: 2989285  
Conc: 1.06 ng/ml



#17 4,4'-DDT

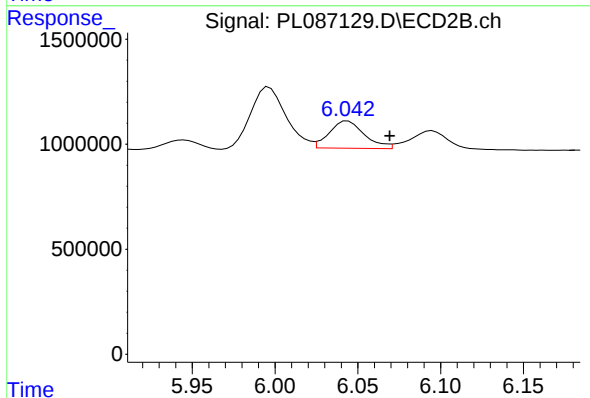
R.T.: 5.996 min  
Delta R.T.: -0.006 min  
Response: 4177371  
Conc: 4.76 ng/ml



#18 Endrin aldehyde

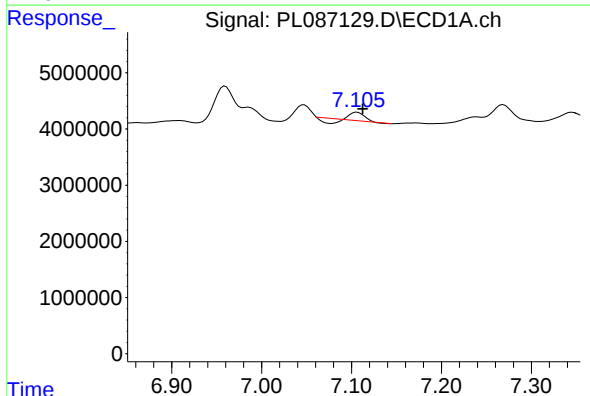
R.T.: 0.000 min  
Exp R.T.: 6.874 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP



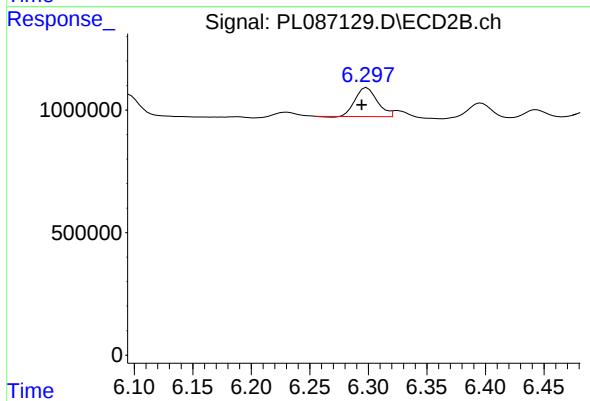
#18 Endrin aldehyde

R.T.: 6.044 min  
Delta R.T.: -0.025 min  
Response: 1915449  
Conc: 2.40 ng/ml



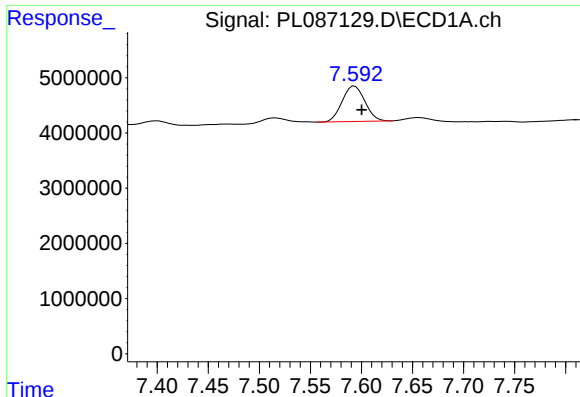
#19 Endosulfan Sulfate

R.T.: 7.106 min  
Delta R.T.: -0.006 min  
Response: 928532  
Conc: 0.28 ng/ml



#19 Endosulfan Sulfate

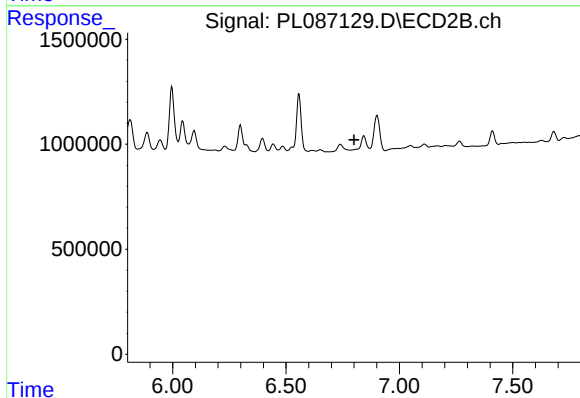
R.T.: 6.299 min  
Delta R.T.: 0.004 min  
Response: 1547594  
Conc: 1.66 ng/ml



#21 Endrin ketone

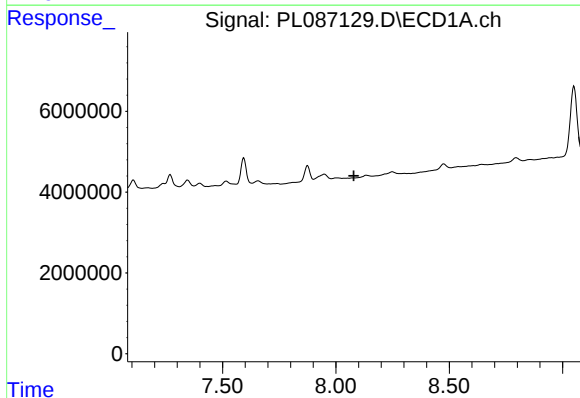
R.T.: 7.593 min  
Delta R.T.: -0.007 min  
Response: 9943126  
Conc: 3.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP



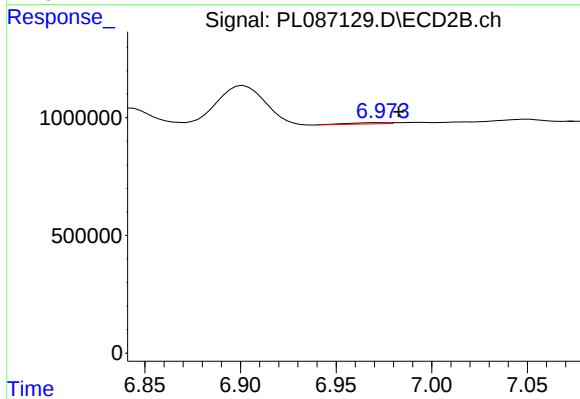
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.800 min  
Response: 0  
Conc: N.D.



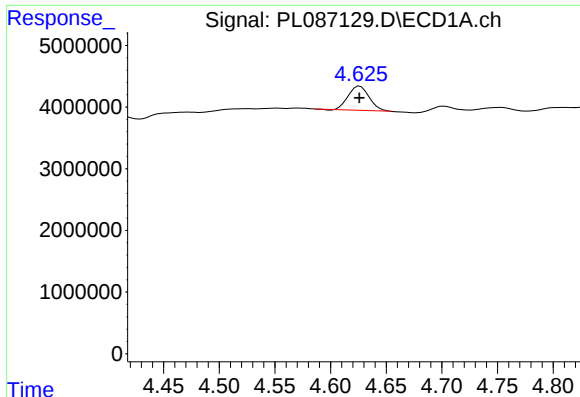
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.079 min  
Response: 0  
Conc: N.D.



#22 Mirex

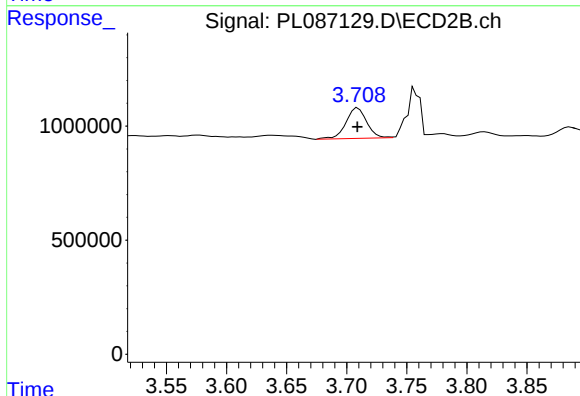
R.T.: 6.974 min  
Delta R.T.: -0.009 min  
Response: 74146  
Conc: 0.08 ng/ml



#23 Chlordane-1

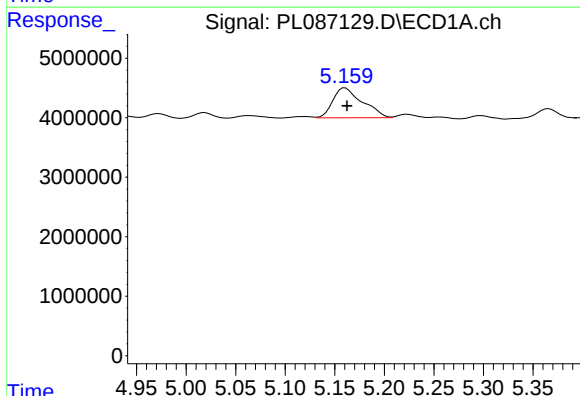
R.T.: 4.626 min  
Delta R.T.: 0.000 min  
Response: 5109599  
Conc: 34.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP



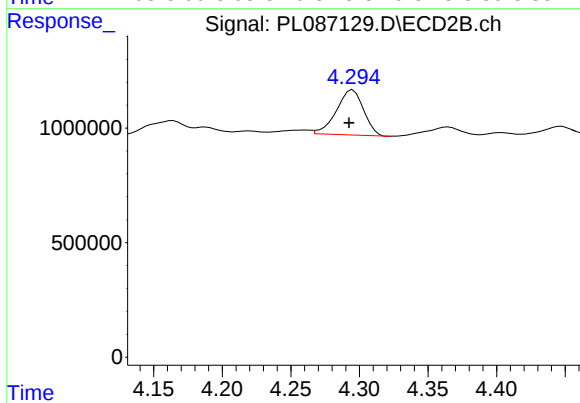
#23 Chlordane-1

R.T.: 3.709 min  
Delta R.T.: 0.000 min  
Response: 1618684  
Conc: 47.87 ng/ml



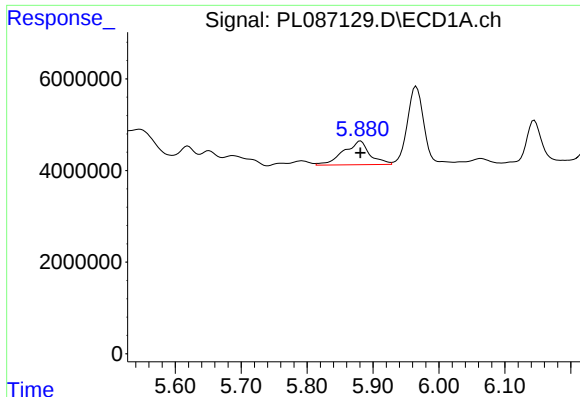
#24 Chlordane-2

R.T.: 5.160 min  
Delta R.T.: -0.002 min  
Response: 10404167  
Conc: 65.50 ng/ml



#24 Chlordane-2

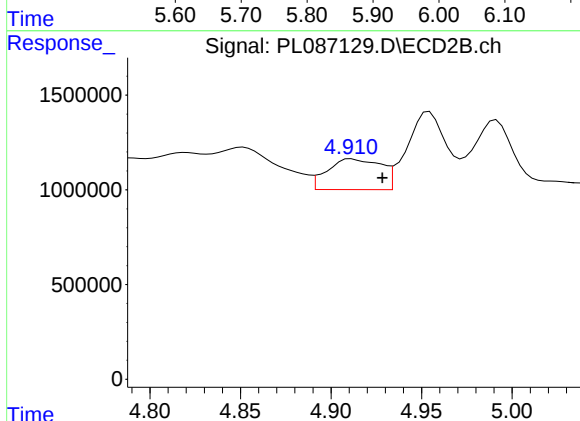
R.T.: 4.295 min  
Delta R.T.: 0.003 min  
Response: 2710724  
Conc: 63.70 ng/ml



#25 Chlordane-3

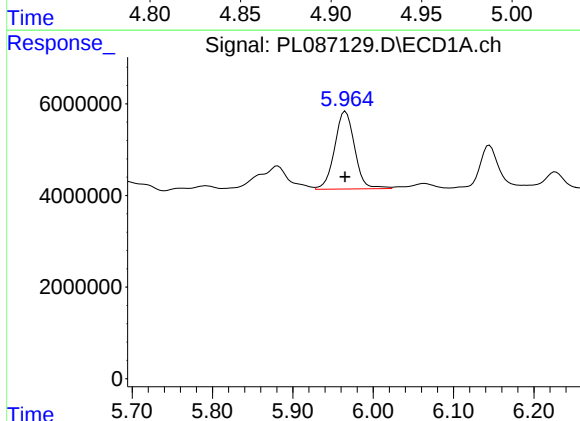
R.T.: 5.881 min  
Delta R.T.: 0.000 min  
Response: 14390828  
Conc: 23.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP



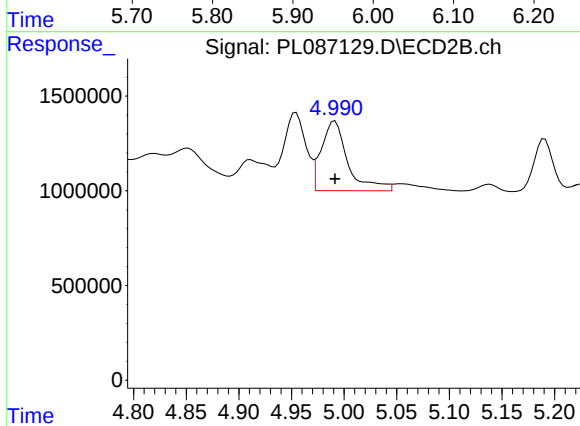
#25 Chlordane-3

R.T.: 4.911 min  
Delta R.T.: -0.017 min  
Response: 3350696  
Conc: 27.93 ng/ml



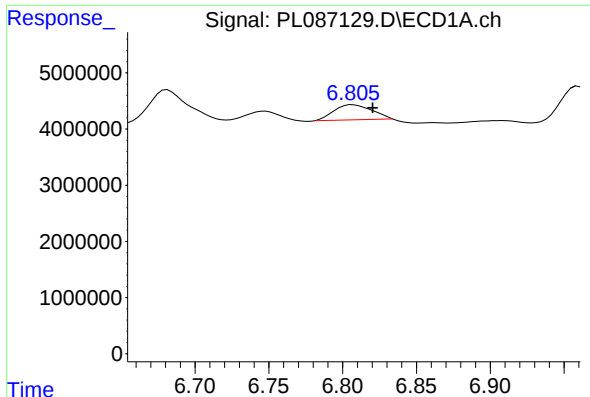
#26 Chlordane-4

R.T.: 5.966 min  
Delta R.T.: 0.000 min  
Response: 29367344  
Conc: 38.98 ng/ml



#26 Chlordane-4

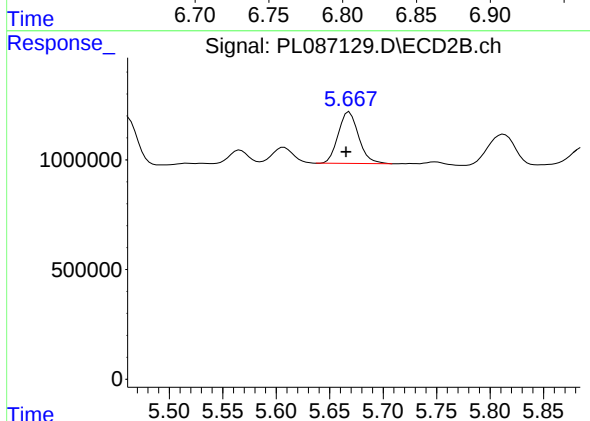
R.T.: 4.991 min  
Delta R.T.: 0.000 min  
Response: 6457325  
Conc: 48.49 ng/ml



#27 Chlordane-5

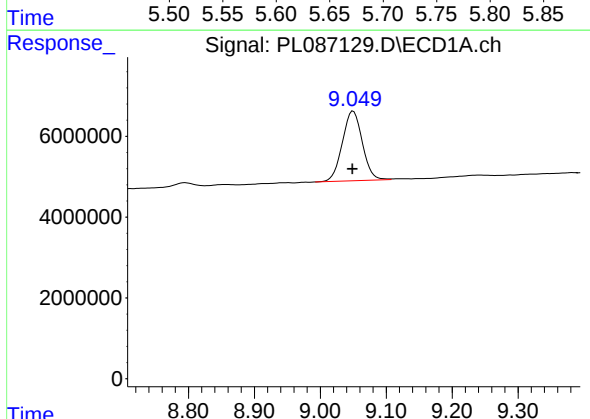
R.T.: 6.807 min  
Delta R.T.: -0.013 min  
Response: 4847875  
Conc: 41.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-E3-COMP



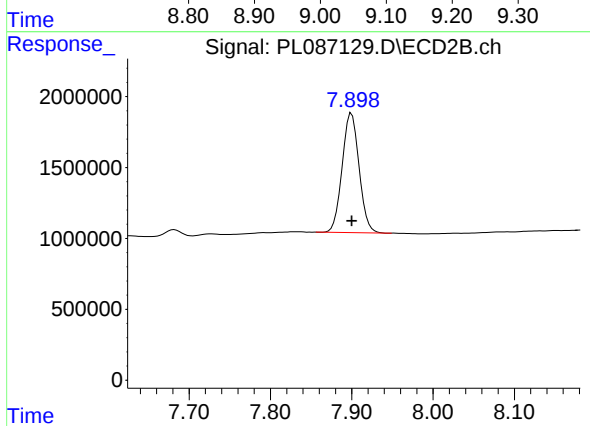
#27 Chlordane-5

R.T.: 5.668 min  
Delta R.T.: 0.003 min  
Response: 3119701  
Conc: 97.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.050 min  
Delta R.T.: 0.001 min  
Response: 36359428  
Conc: 12.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.900 min  
Delta R.T.: 0.000 min  
Response: 12139506  
Conc: 11.85 ng/ml