

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072423\  
 Data File : PL084153.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jul 2023 11:27  
 Operator : AR\AJ  
 Sample : 03707-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 21:20:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 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... | 3.485  | 2.689  | 16396837 | 8323493 | 8.199 | 7.495   |
| 28)                         | SA Decachlor... | 9.034  | 7.874  | 10865693 | 9194301 | 8.348 | 8.275   |
| Target Compounds            |                 |        |        |          |         |       |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.216f | 0        | 35085   | N.D.  | 0.022 # |
| 3)                          | MA gamma-BHC... | 4.287f | 0.000  | 655479   | 0       | 0.232 | N.D. #  |
| 4)                          | MA Heptachlor   | 4.855  | 3.889f | 381544   | 81498   | 0.140 | 0.069 # |
| 5)                          | MB Aldrin       | 5.188  | 0.000  | 1191146  | 0       | 0.416 | N.D. #  |
| 6)                          | B beta-BHC      | 4.439f | 3.839  | 378094   | -39258  | 0.315 | N.D. #  |
| 7)                          | B delta-BHC     | 4.729f | 0.000  | 646572   | 0       | 0.243 | N.D. #  |
| 8)                          | B Heptachlo...  | 5.614  | 0.000  | 472750   | 0       | 0.177 | N.D. #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.046f | 0        | 171500  | N.D.  | 0.140 # |
| 10)                         | B gamma-Chl...  | 5.875  | 4.933f | 624614   | 1054560 | 0.242 | 0.792 # |
| 11)                         | B alpha-Chl...  | 5.975  | 4.971  | 1068258  | 306602  | 0.420 | 0.228 # |
| 12)                         | B 4,4'-DDE      | 6.159  | 5.170  | 1287082  | 759234  | 0.640 | 0.618   |
| 13)                         | MA Dieldrin     | 6.306  | 5.301  | 287259   | 300170  | 0.120 | 0.230 # |
| 14)                         | MA Endrin       | 6.511  | 5.550  | 67440    | 108841  | 0.035 | 0.099 # |
| 15)                         | B Endosulfa...  | 6.757f | 5.876  | 574315   | 773174  | 0.306 | 0.673 # |
| 16)                         | A 4,4'-DDD      | 6.663  | 0.000  | 184591   | 0       | 0.126 | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.978  | 5.976  | 432832   | 469065  | 0.271 | 0.515 # |
| 18)                         | B Endrin al...  | 6.856f | 6.033  | 838434   | 239823  | 0.572 | 0.267 # |
| 19)                         | B Endosulfa...  | 7.080f | 6.275  | 1121298  | 449772  | 0.649 | 0.409 # |
| 21)                         | B Endrin ke...  | 7.590  | 6.783  | 75991    | 256505  | 0.043 | 0.199 # |
| 22)                         | Mirex           | 8.085f | 6.953  | 1709658  | 92135   | 1.195 | 0.090 # |
| 23)                         | Chlordane-1     | 4.666f | 3.692  | 148251   | 403233  | 0.184 | 1.022 # |
| 24)                         | Chlordane-2     | 5.188  | 4.276  | 1191146  | 304581  | 1.491 | 0.718 # |
| 25)                         | Chlordane-3     | 5.875  | 4.933f | 624614   | 1054560 | 0.178 | 0.769 # |
| 26)                         | Chlordane-4     | 5.975  | 4.971  | 1068258  | 306602  | 0.262 | 0.214   |
| 27)                         | Chlordane-5     | 6.797f | 5.876  | 881641   | 773174  | 1.444 | 1.685   |
| -----                       |                 |        |        |          |         |       |         |

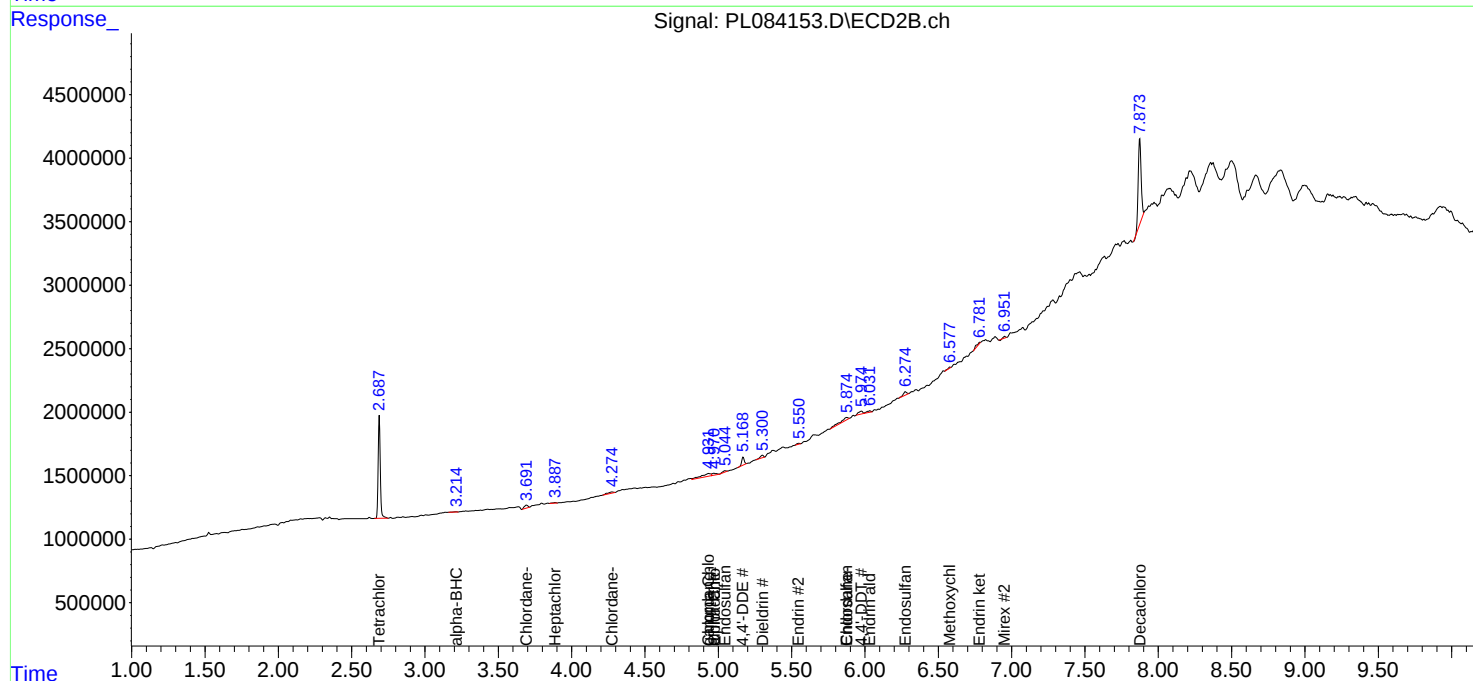
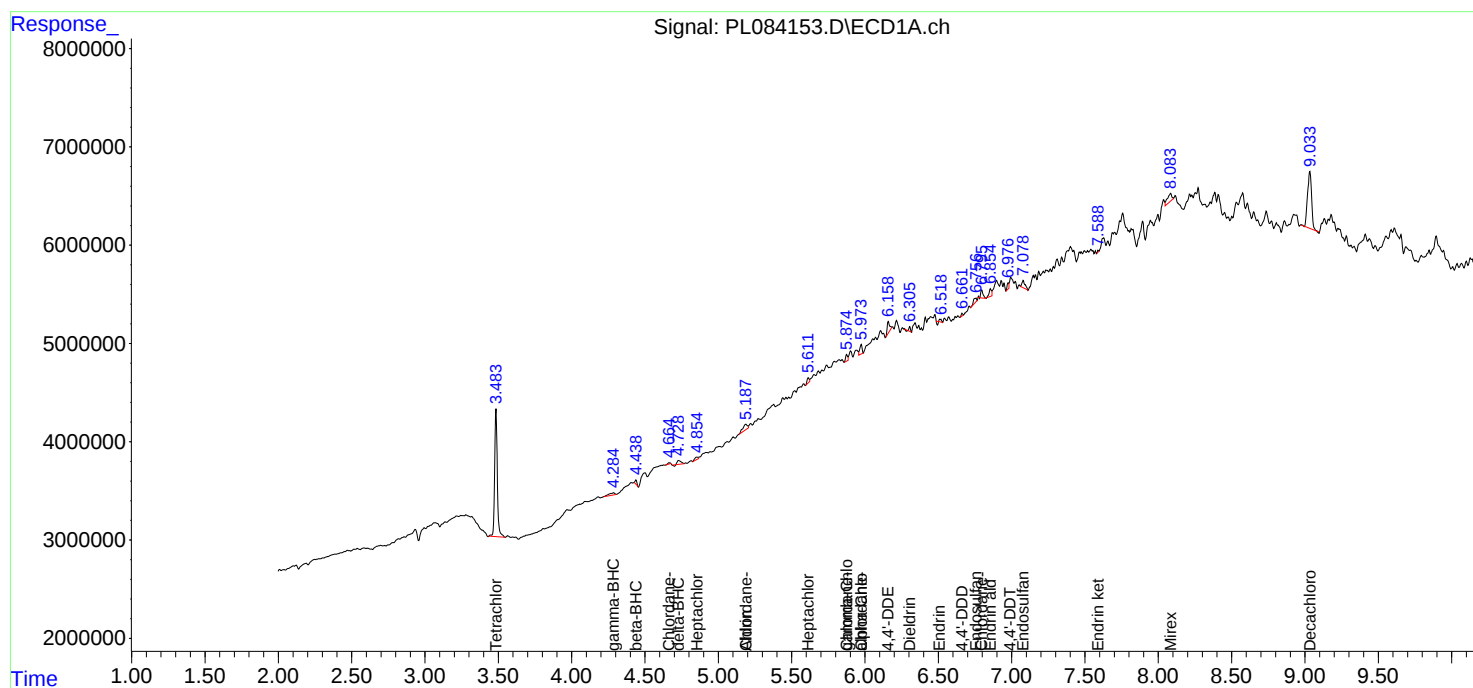
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

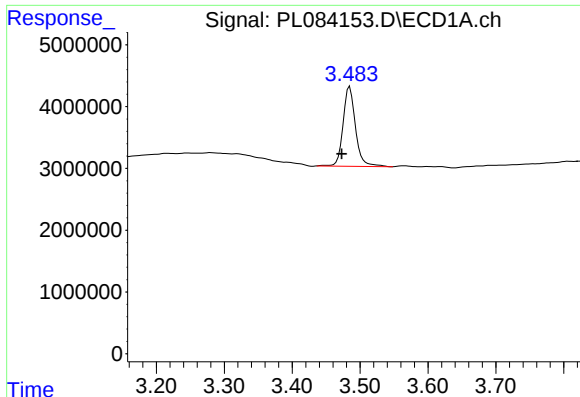
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072423\  
 Data File : PL084153.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jul 2023 11:27  
 Operator : AR\AJ  
 Sample : 03707-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 21:20:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 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

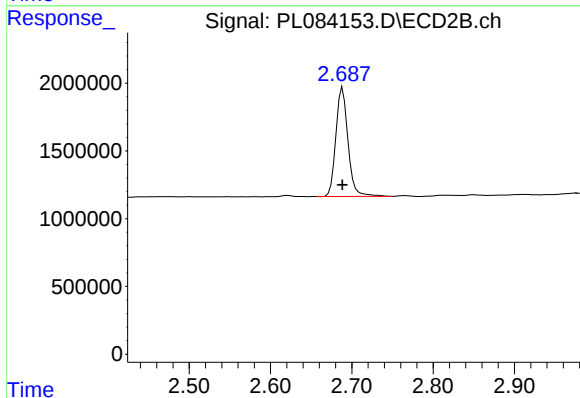




#1 Tetrachloro-m-xylene

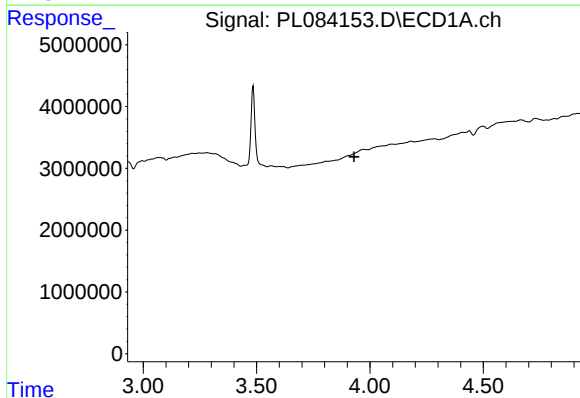
R.T.: 3.485 min  
Delta R.T.: 0.012 min  
Response: 16396837  
Conc: 8.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



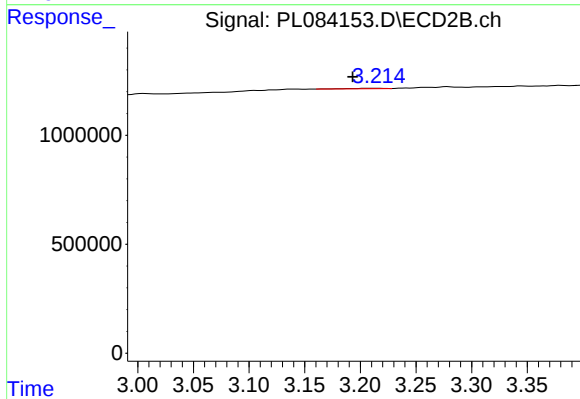
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 8323493  
Conc: 7.49 ng/ml



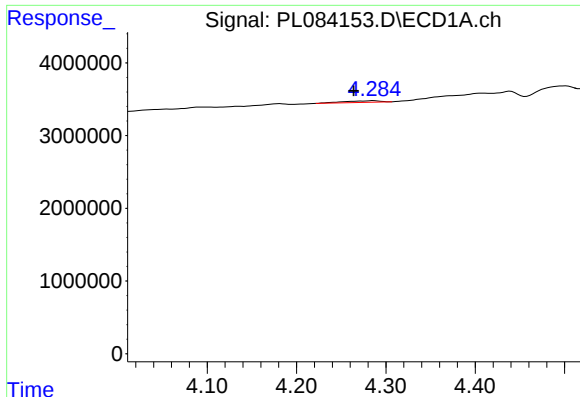
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.930 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

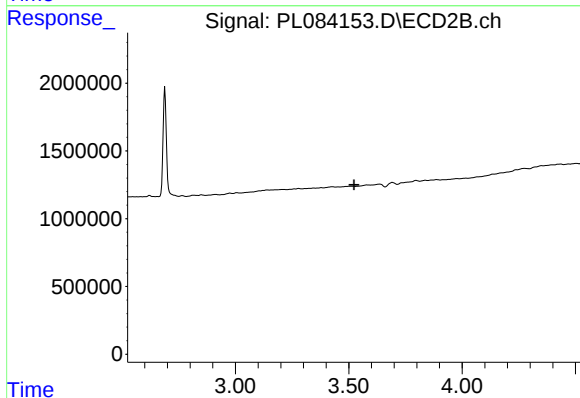
R.T.: 3.216 min  
Delta R.T.: 0.022 min  
Response: 35085  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

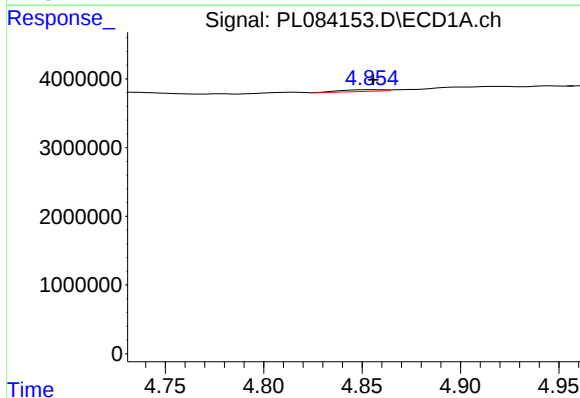
R.T.: 4.287 min  
Delta R.T.: 0.023 min  
Response: 655479  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



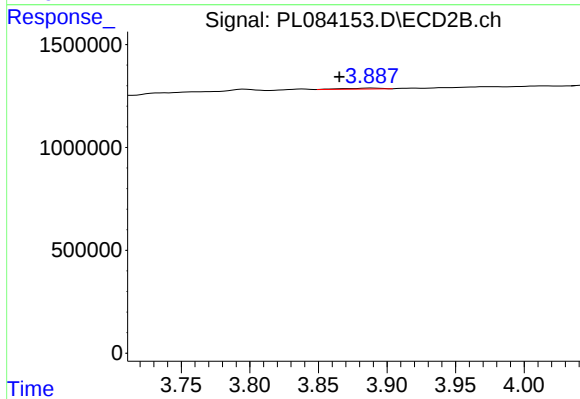
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.524 min  
Response: 0  
Conc: N.D.



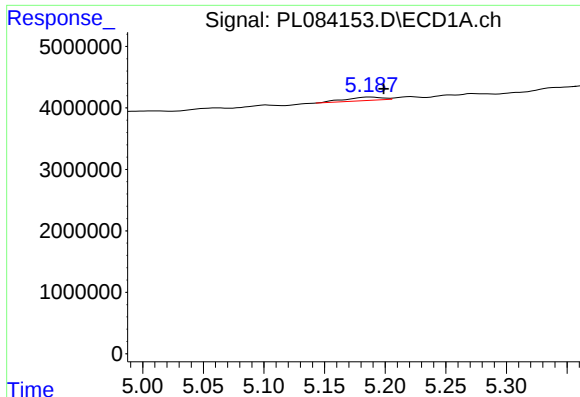
#4 Heptachlor

R.T.: 4.855 min  
Delta R.T.: 0.000 min  
Response: 381544  
Conc: 0.14 ng/ml



#4 Heptachlor

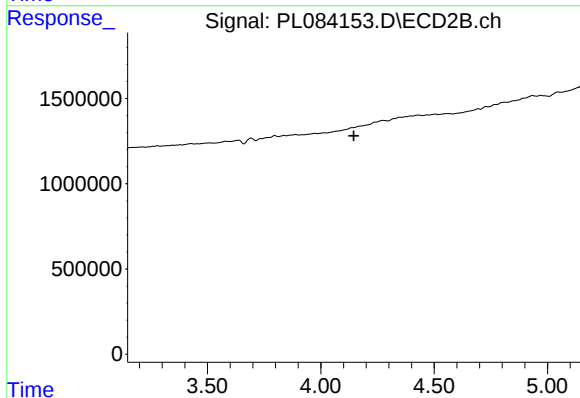
R.T.: 3.889 min  
Delta R.T.: 0.023 min  
Response: 81498  
Conc: 0.07 ng/ml



#5 Aldrin

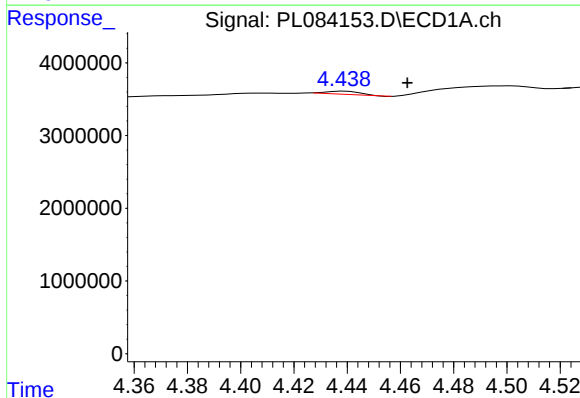
R.T.: 5.188 min  
Delta R.T.: -0.011 min  
Response: 1191146  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



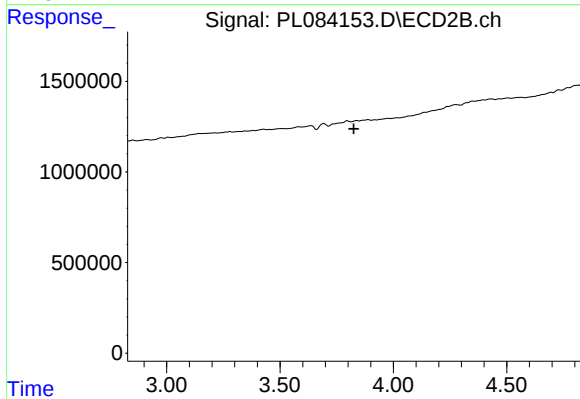
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.146 min  
Response: 0  
Conc: N.D.



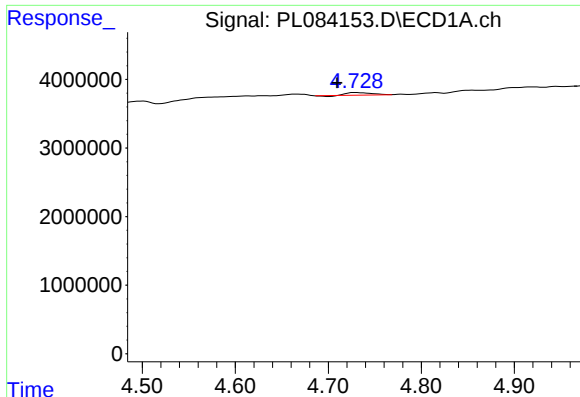
#6 beta-BHC

R.T.: 4.439 min  
Delta R.T.: -0.024 min  
Response: 378094  
Conc: 0.32 ng/ml



#6 beta-BHC

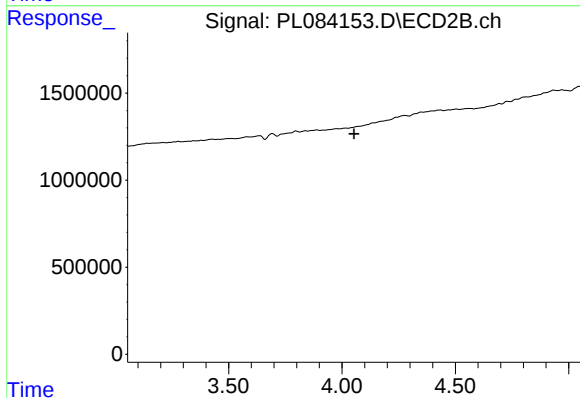
R.T.: 3.839 min  
Delta R.T.: 0.014 min  
Response: -39258  
Conc: N.D.



#7 delta-BHC

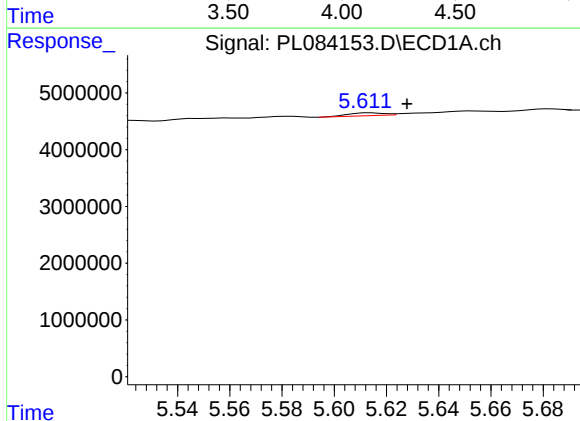
R.T.: 4.729 min  
Delta R.T.: 0.020 min  
Response: 646572  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



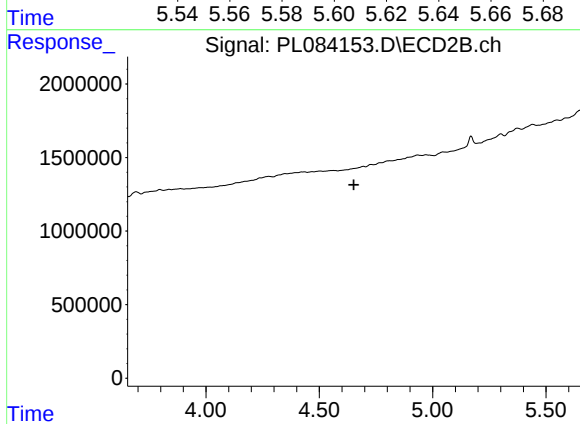
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.054 min  
Response: 0  
Conc: N.D.



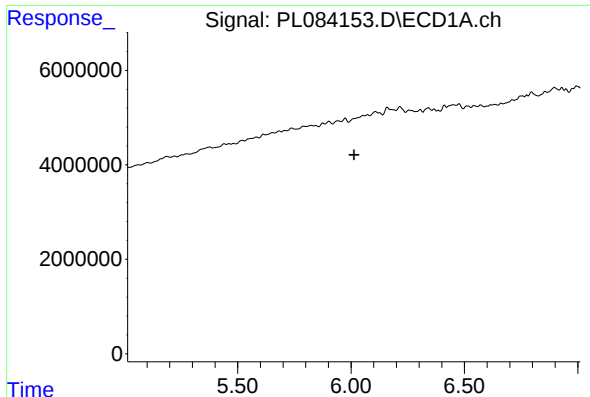
#8 Heptachlor epoxide

R.T.: 5.614 min  
Delta R.T.: -0.014 min  
Response: 472750  
Conc: 0.18 ng/ml



#8 Heptachlor epoxide

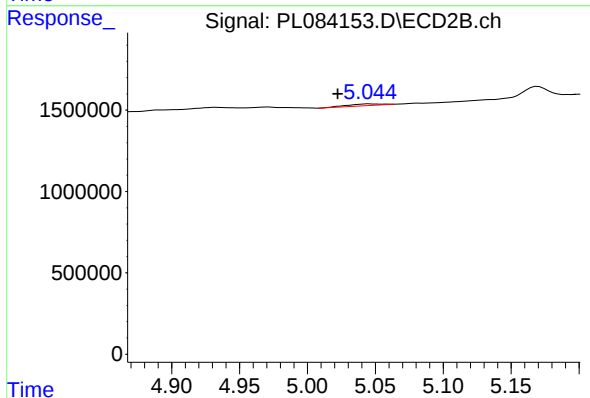
R.T.: 0.000 min  
Exp R.T. : 4.652 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

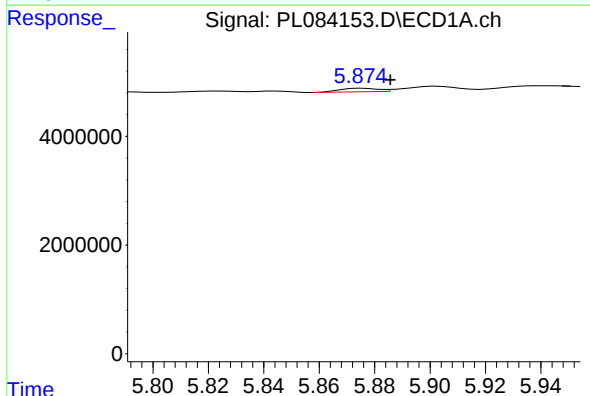
R.T.: 0.000 min  
Exp R.T.: 6.014 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



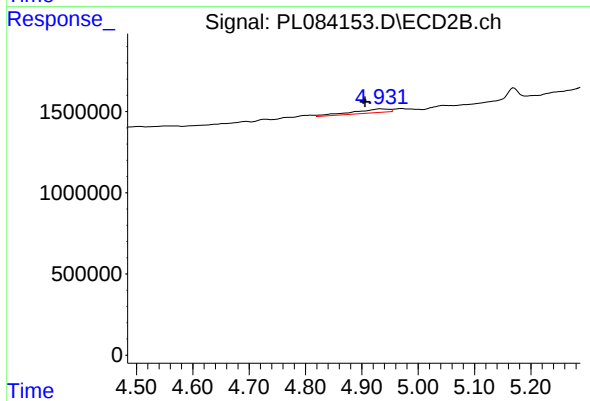
#9 Endosulfan I

R.T.: 5.046 min  
Delta R.T.: 0.023 min  
Response: 171500  
Conc: 0.14 ng/ml



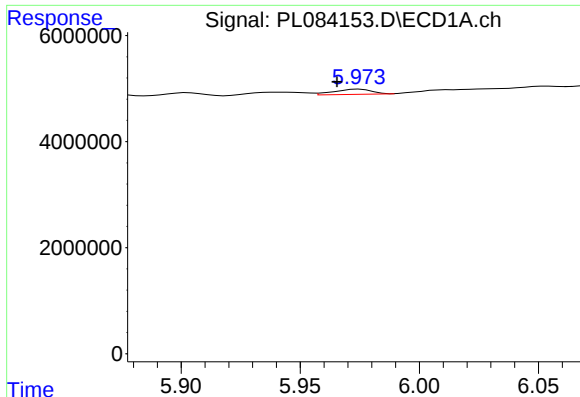
#10 gamma-Chlordane

R.T.: 5.875 min  
Delta R.T.: -0.010 min  
Response: 624614  
Conc: 0.24 ng/ml



#10 gamma-Chlordane

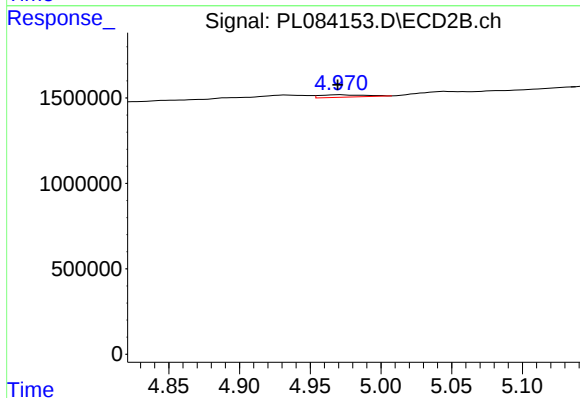
R.T.: 4.933 min  
Delta R.T.: 0.028 min  
Response: 1054560  
Conc: 0.79 ng/ml



#11 alpha-Chlordane

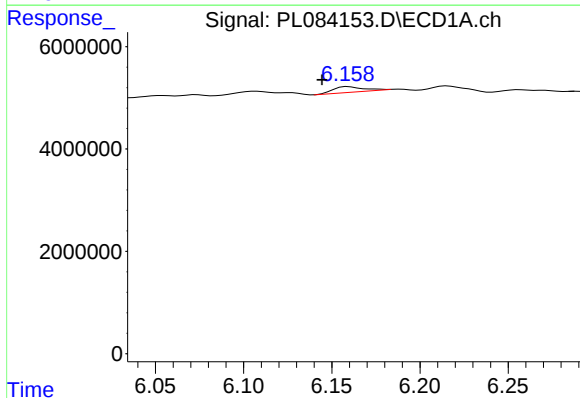
R.T.: 5.975 min  
Delta R.T.: 0.009 min  
Response: 1068258  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



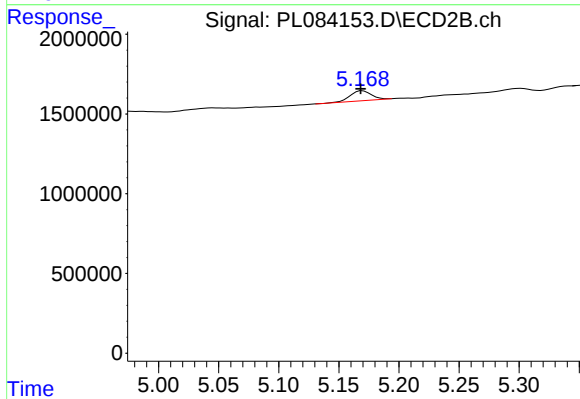
#11 alpha-Chlordane

R.T.: 4.971 min  
Delta R.T.: 0.002 min  
Response: 306602  
Conc: 0.23 ng/ml



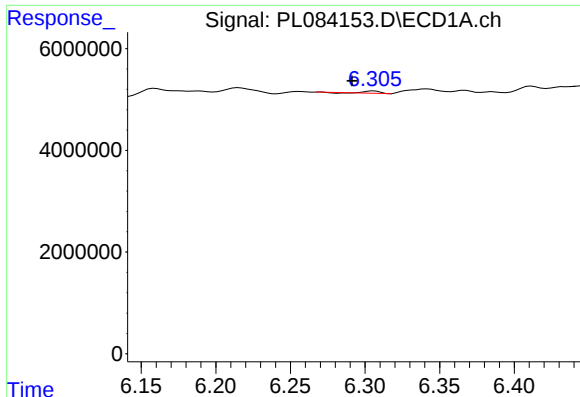
#12 4,4'-DDE

R.T.: 6.159 min  
Delta R.T.: 0.015 min  
Response: 1287082  
Conc: 0.64 ng/ml



#12 4,4'-DDE

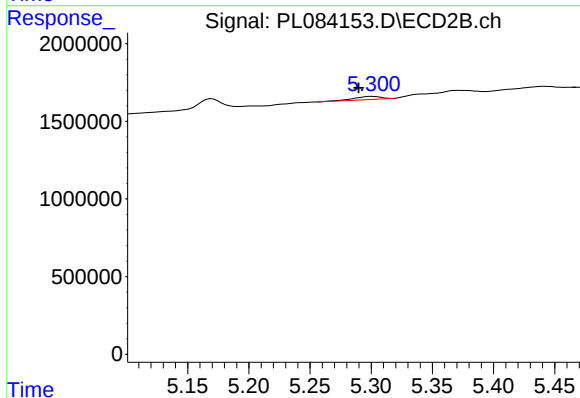
R.T.: 5.170 min  
Delta R.T.: 0.002 min  
Response: 759234  
Conc: 0.62 ng/ml



#13 Dieldrin

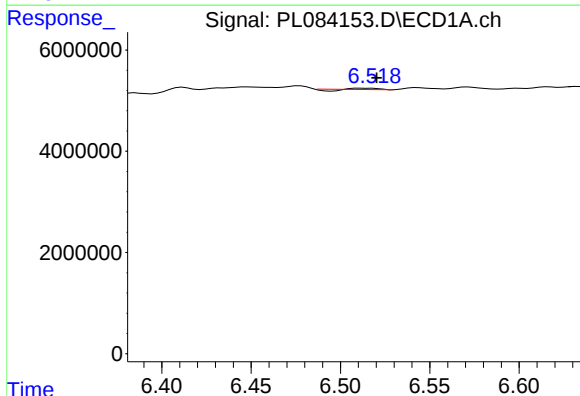
R.T.: 6.306 min  
Delta R.T.: 0.015 min  
Response: 287259  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



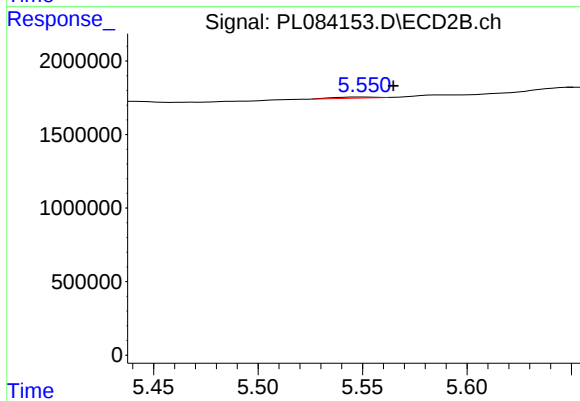
#13 Dieldrin

R.T.: 5.301 min  
Delta R.T.: 0.011 min  
Response: 300170  
Conc: 0.23 ng/ml



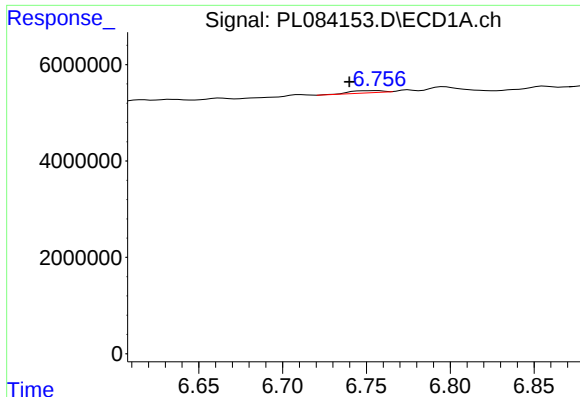
#14 Endrin

R.T.: 6.511 min  
Delta R.T.: -0.010 min  
Response: 67440  
Conc: 0.04 ng/ml



#14 Endrin

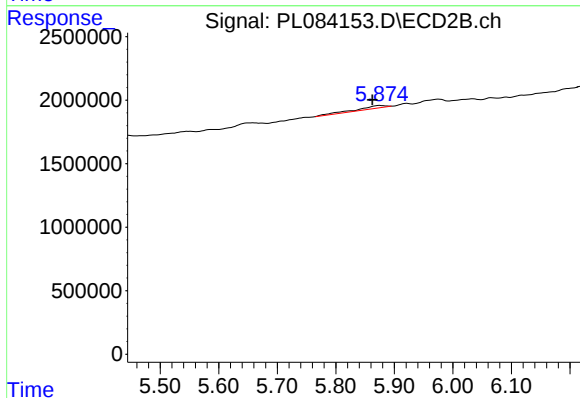
R.T.: 5.550 min  
Delta R.T.: -0.015 min  
Response: 108841  
Conc: 0.10 ng/ml



#15 Endosulfan II

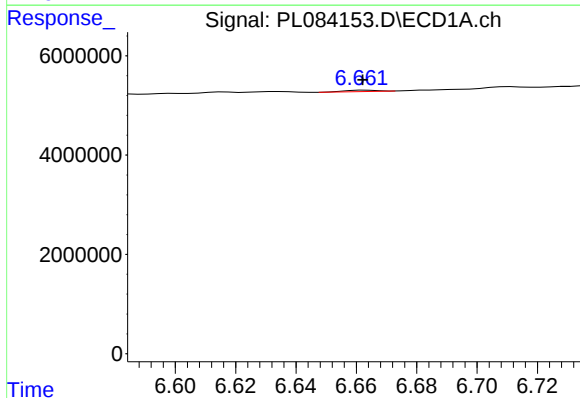
R.T.: 6.757 min  
Delta R.T.: 0.017 min  
Response: 574315  
Conc: 0.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



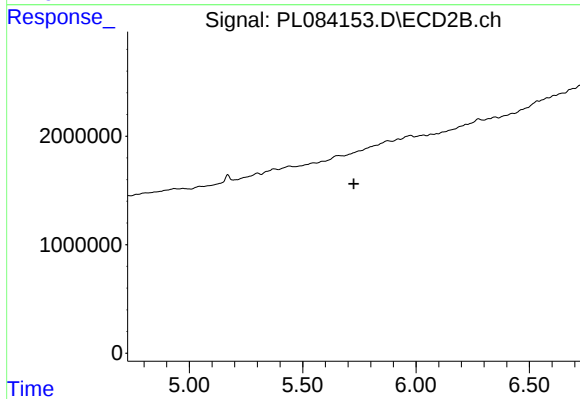
#15 Endosulfan II

R.T.: 5.876 min  
Delta R.T.: 0.013 min  
Response: 773174  
Conc: 0.67 ng/ml



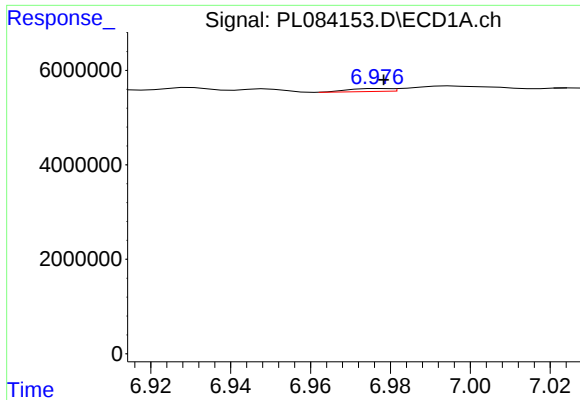
#16 4,4'-DDD

R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 184591  
Conc: 0.13 ng/ml



#16 4,4'-DDD

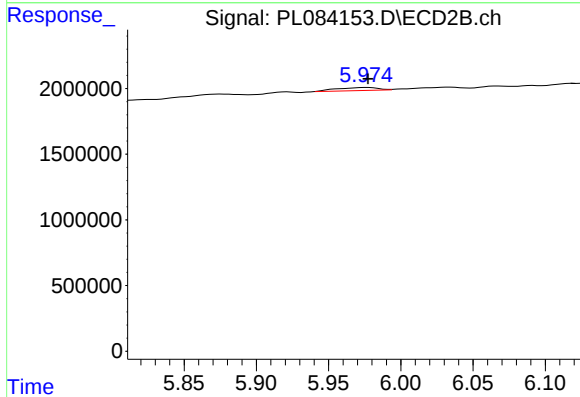
R.T.: 0.000 min  
Exp R.T. : 5.725 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

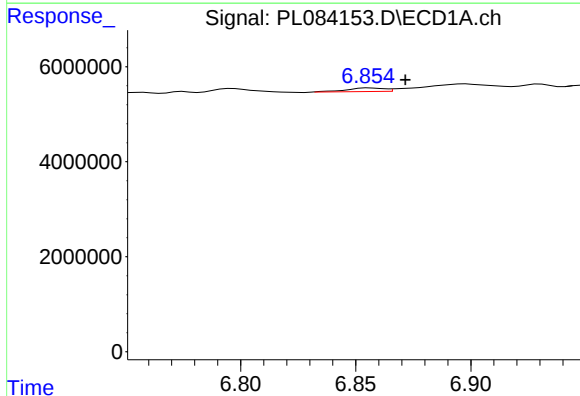
R.T.: 6.978 min  
Delta R.T.: 0.000 min  
Response: 432832  
Conc: 0.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



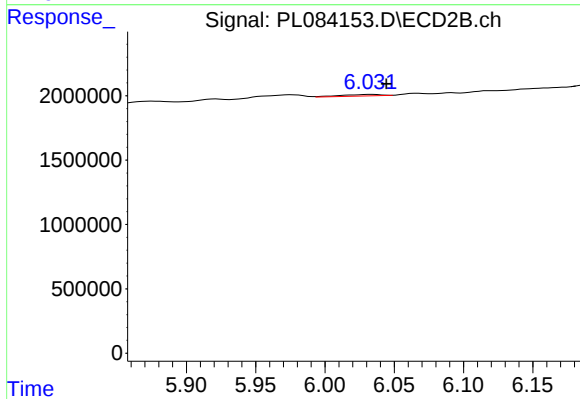
#17 4,4'-DDT

R.T.: 5.976 min  
Delta R.T.: -0.001 min  
Response: 469065  
Conc: 0.52 ng/ml



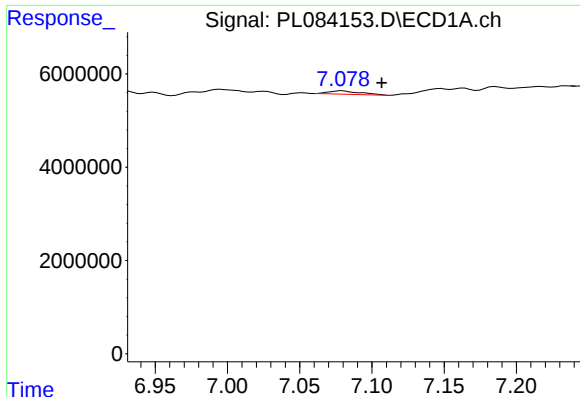
#18 Endrin aldehyde

R.T.: 6.856 min  
Delta R.T.: -0.016 min  
Response: 838434  
Conc: 0.57 ng/ml



#18 Endrin aldehyde

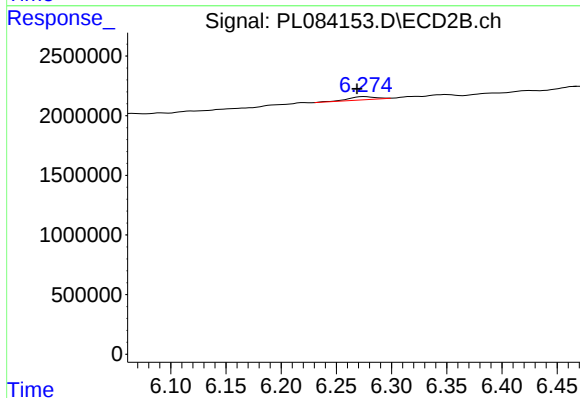
R.T.: 6.033 min  
Delta R.T.: -0.011 min  
Response: 239823  
Conc: 0.27 ng/ml



#19 Endosulfan Sulfate

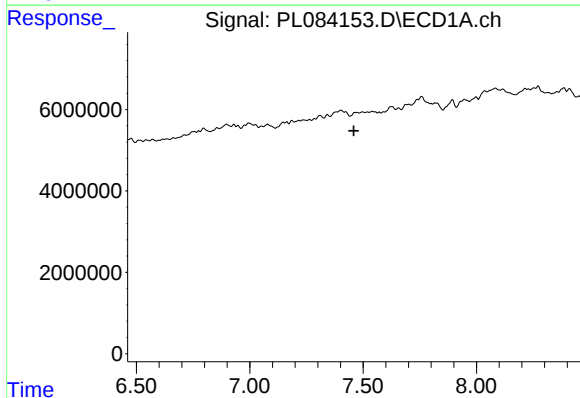
R.T.: 7.080 min  
Delta R.T.: -0.027 min  
Response: 1121298  
Conc: 0.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



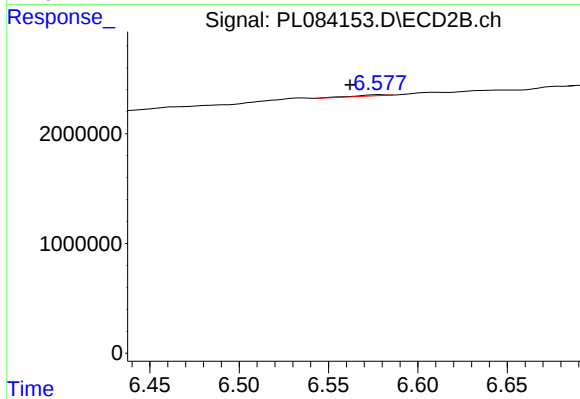
#19 Endosulfan Sulfate

R.T.: 6.275 min  
Delta R.T.: 0.007 min  
Response: 449772  
Conc: 0.41 ng/ml



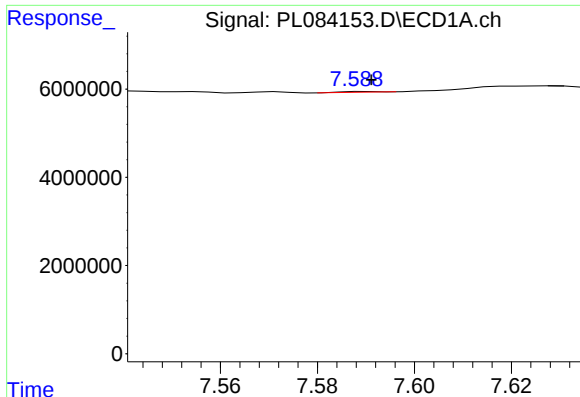
#20 Methoxychlor

R.T.: 7.462 min  
Delta R.T.: 0.003 min  
Response: -1048206  
Conc: N.D.



#20 Methoxychlor

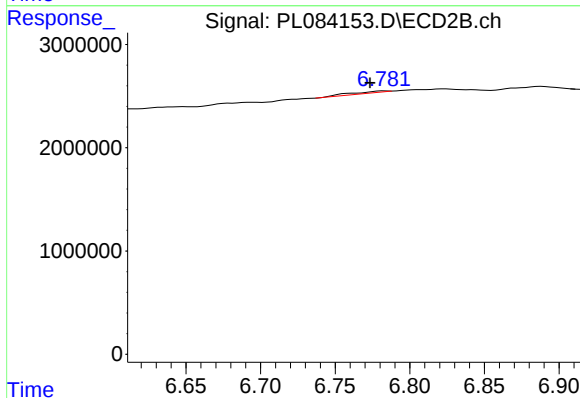
R.T.: 6.579 min  
Delta R.T.: 0.016 min  
Response: 92647  
Conc: 0.19 ng/ml



#21 Endrin ketone

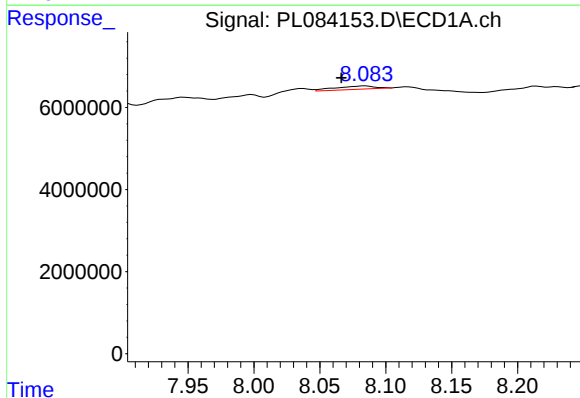
R.T.: 7.590 min  
Delta R.T.: -0.001 min  
Response: 75991  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



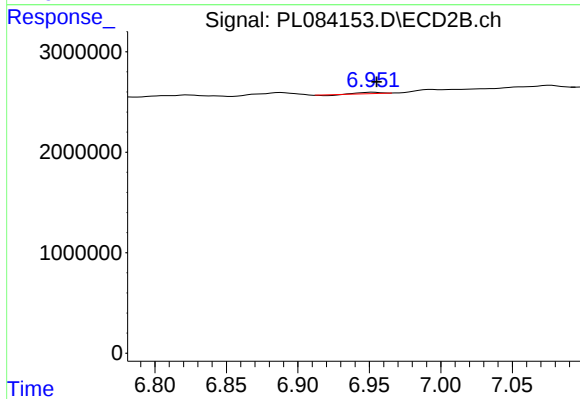
#21 Endrin ketone

R.T.: 6.783 min  
Delta R.T.: 0.009 min  
Response: 256505  
Conc: 0.20 ng/ml



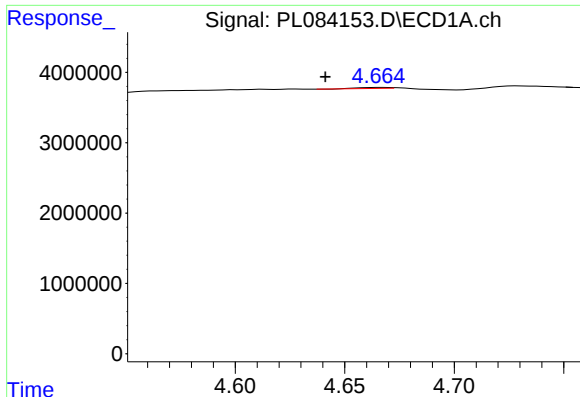
#22 Mirex

R.T.: 8.085 min  
Delta R.T.: 0.018 min  
Response: 1709658  
Conc: 1.19 ng/ml



#22 Mirex

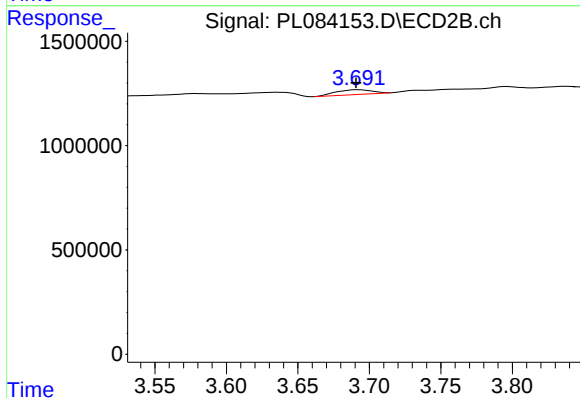
R.T.: 6.953 min  
Delta R.T.: -0.002 min  
Response: 92135  
Conc: 0.09 ng/ml



#23 Chlordane-1

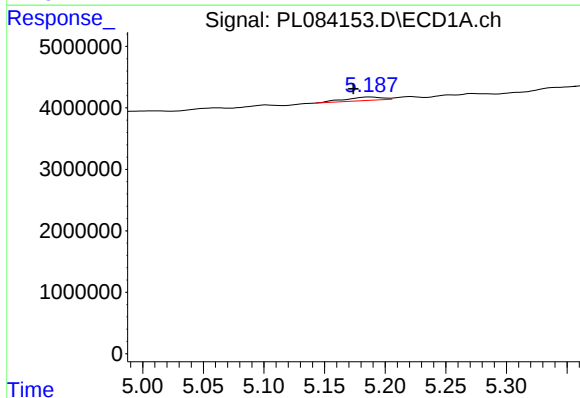
R.T.: 4.666 min  
Delta R.T.: 0.025 min  
Response: 148251  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



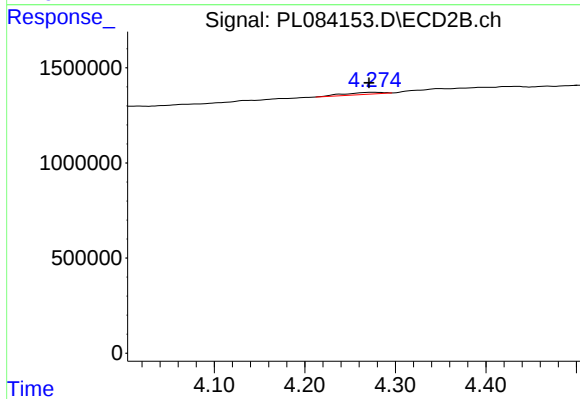
#23 Chlordane-1

R.T.: 3.692 min  
Delta R.T.: 0.001 min  
Response: 403233  
Conc: 1.02 ng/ml



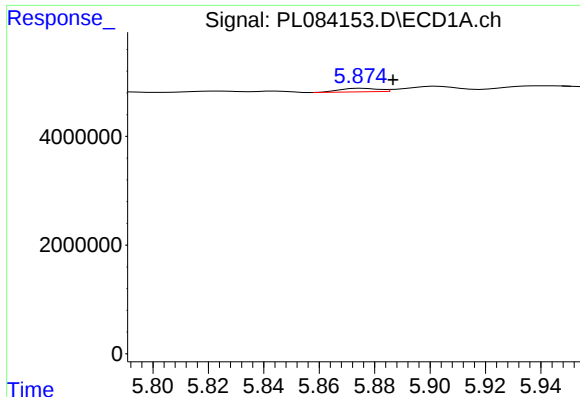
#24 Chlordane-2

R.T.: 5.188 min  
Delta R.T.: 0.014 min  
Response: 1191146  
Conc: 1.49 ng/ml



#24 Chlordane-2

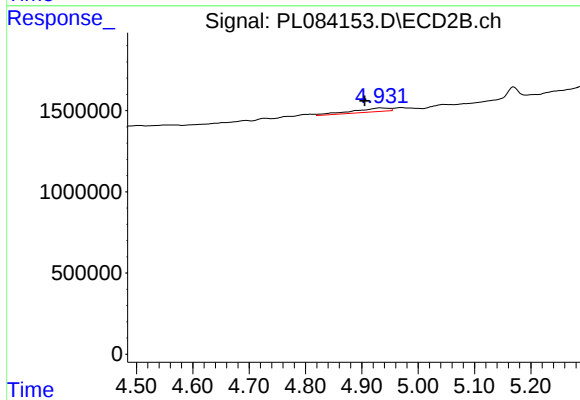
R.T.: 4.276 min  
Delta R.T.: 0.005 min  
Response: 304581  
Conc: 0.72 ng/ml



#25 Chlordane-3

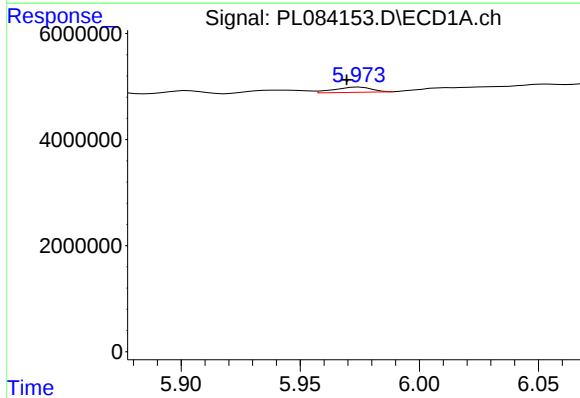
R.T.: 5.875 min  
Delta R.T.: -0.011 min  
Response: 624614  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



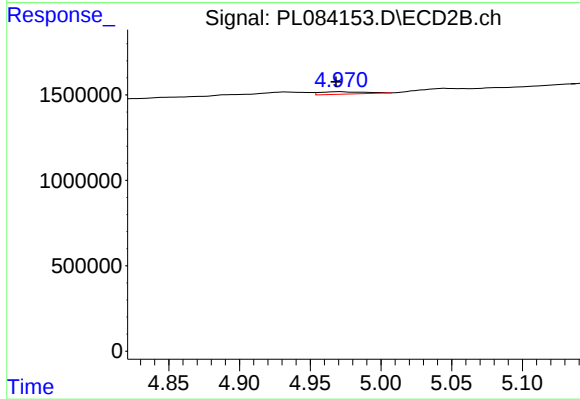
#25 Chlordane-3

R.T.: 4.933 min  
Delta R.T.: 0.029 min  
Response: 1054560  
Conc: 0.77 ng/ml



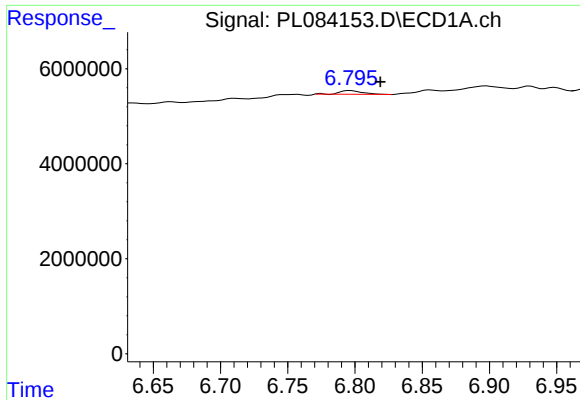
#26 Chlordane-4

R.T.: 5.975 min  
Delta R.T.: 0.005 min  
Response: 1068258  
Conc: 0.26 ng/ml



#26 Chlordane-4

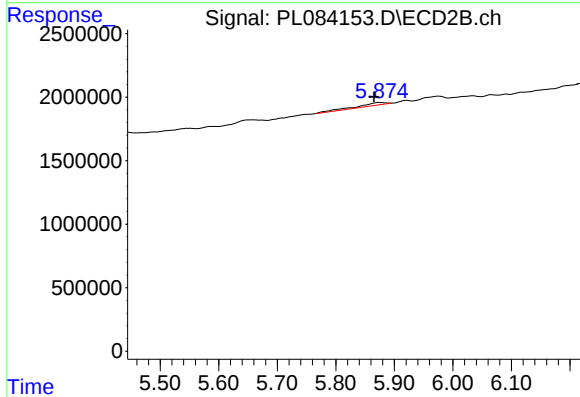
R.T.: 4.971 min  
Delta R.T.: 0.003 min  
Response: 306602  
Conc: 0.21 ng/ml



#27 Chlordane-5

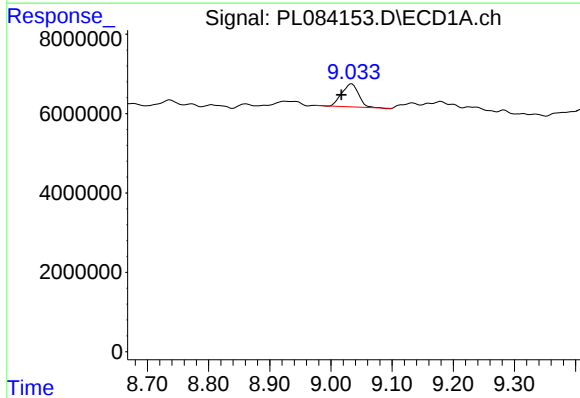
R.T.: 6.797 min  
Delta R.T.: -0.022 min  
Response: 881641  
Conc: 1.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



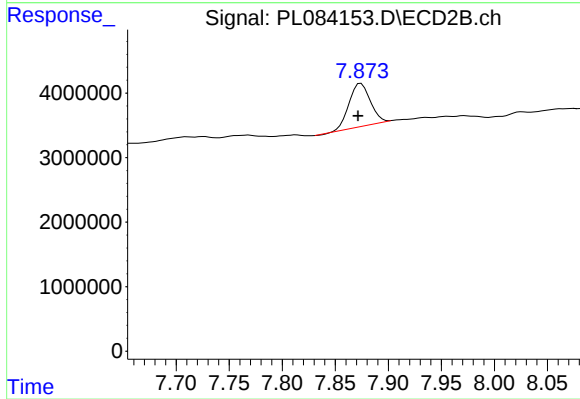
#27 Chlordane-5

R.T.: 5.876 min  
Delta R.T.: 0.010 min  
Response: 773174  
Conc: 1.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.034 min  
Delta R.T.: 0.017 min  
Response: 10865693  
Conc: 8.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.874 min  
Delta R.T.: 0.003 min  
Response: 9194301  
Conc: 8.27 ng/ml