

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061923\  
 Data File : PL083570.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jun 2023 00:30  
 Operator : AR\AJ  
 Sample : 03208-01  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 04:31:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 17 12:34:26 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... | 3.454  | 2.752  | 27950598 | 41999650 | 12.646 | 18.030 # |
| 28)                         | SA Decachlor... | 8.992  | 7.961  | 32794294 | 41906592 | 17.210 | 17.062   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.282f | 0        | 75812    | N.D.   | 0.022 #  |
| 4)                          | MA Heptachlor   | 4.838  | 3.944  | 323294   | 154523   | 0.117  | 0.050 #  |
| 5)                          | MB Aldrin       | 5.173  | 4.227  | 1243709  | 394553   | 0.479  | 0.131 #  |
| 6)                          | B beta-BHC      | 4.452  | 3.906  | 2536839  | -112503  | 1.961  | N.D. #   |
| 7)                          | B delta-BHC     | 4.689  | 4.136  | 514385   | 232850   | 0.187  | 0.072 #  |
| 8)                          | B Heptachlo...  | 5.605  | 4.728  | 390224   | 336041   | 0.154  | 0.117    |
| 9)                          | A Endosulfan I  | 6.010f | 5.131f | 127748   | 325197   | 0.057  | 0.121 #  |
| 10)                         | B gamma-Chl...  | 5.866  | 5.015f | 2550826  | 7433203  | 1.060  | 2.512 #  |
| 11)                         | B alpha-Chl...  | 5.949  | 5.051  | 4949088  | 3873546  | 2.089  | 1.309 #  |
| 12)                         | B 4,4'-DDE      | 6.123  | 5.250  | 9037615  | 12089907 | 4.477  | 4.733    |
| 13)                         | MA Dieldrin     | 6.271  | 5.380  | 127136   | 1145010  | 0.057  | 0.408 #  |
| 14)                         | MA Endrin       | 6.501  | 5.669f | 91586    | 1816929  | 0.052  | 0.787 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.950  | 0        | 630201   | N.D.   | 0.265 #  |
| 16)                         | A 4,4'-DDD      | 6.647  | 5.809  | 1619287  | 1213447  | 0.948  | 0.550 #  |
| 17)                         | MA 4,4'-DDT     | 6.955  | 6.061  | 8599712  | -3603383 | 5.108  | N.D. #   |
| 18)                         | B Endrin al...  | 0.000  | 6.157f | 0        | 630360   | N.D.   | 0.334 #  |
| 19)                         | B Endosulfa...  | 7.072  | 6.360  | 459002   | 1943290  | 0.239  | 0.802 #  |
| 20)                         | A Methoxychlor  | 7.441  | 0.000  | 389949   | 0        | 0.430  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.554  | 0.000  | 1530927  | 0        | 0.715  | N.D. #   |
| 22)                         | Mirex           | 8.044  | 7.048  | 115076   | 138737   | 0.062  | 0.058    |
| 23)                         | Chlordane-1     | 0.000  | 3.765  | 0        | 587143   | N.D.   | 5.990 #  |
| 24)                         | Chlordane-2     | 5.173f | 4.355  | 1243709  | 500173   | 11.463 | 4.159 #  |
| 25)                         | Chlordane-3     | 5.866  | 5.015f | 2550826  | 7433203  | 6.676  | 22.686 # |
| 26)                         | Chlordane-4     | 5.949  | 5.051  | 4949088  | 3873546  | 10.702 | 11.491   |
| 27)                         | Chlordane-5     | 0.000  | 5.950  | 0        | 630201   | N.D.   | 5.668 #  |
| -----                       |                 |        |        |          |          |        |          |

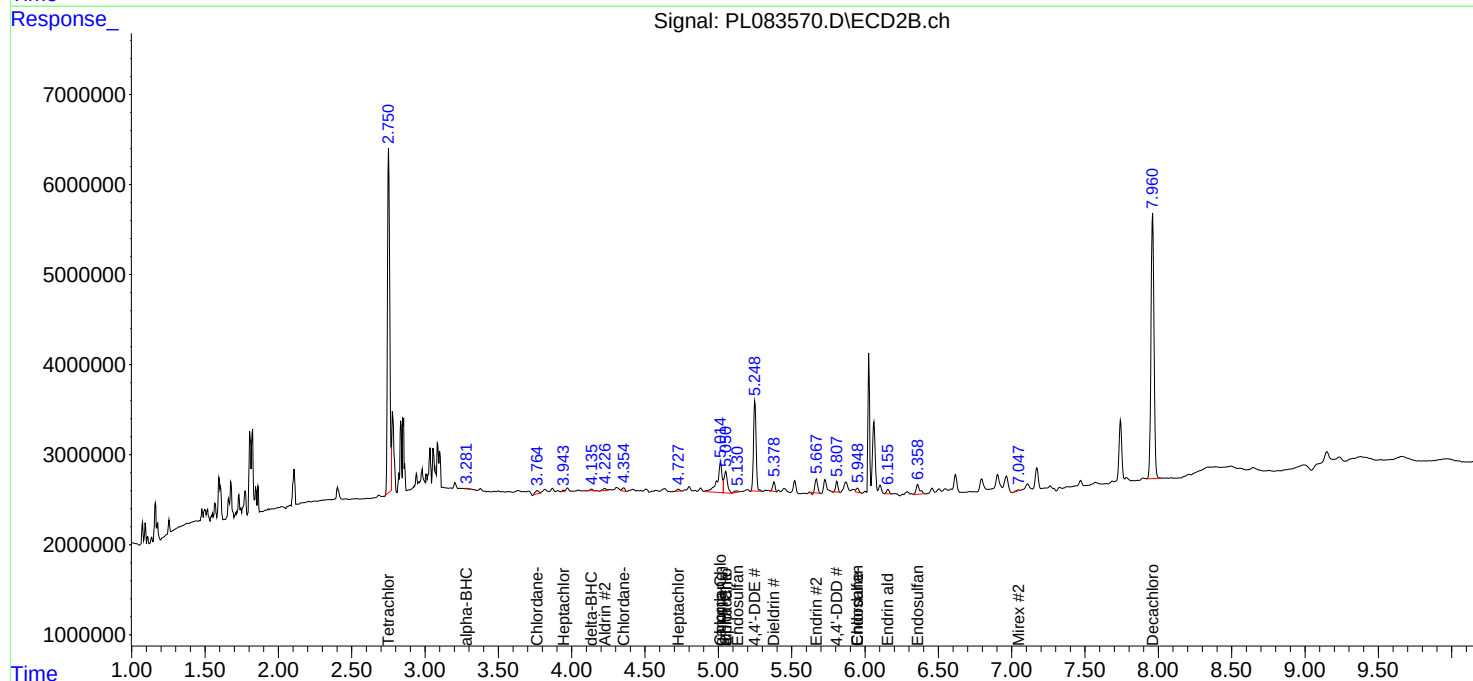
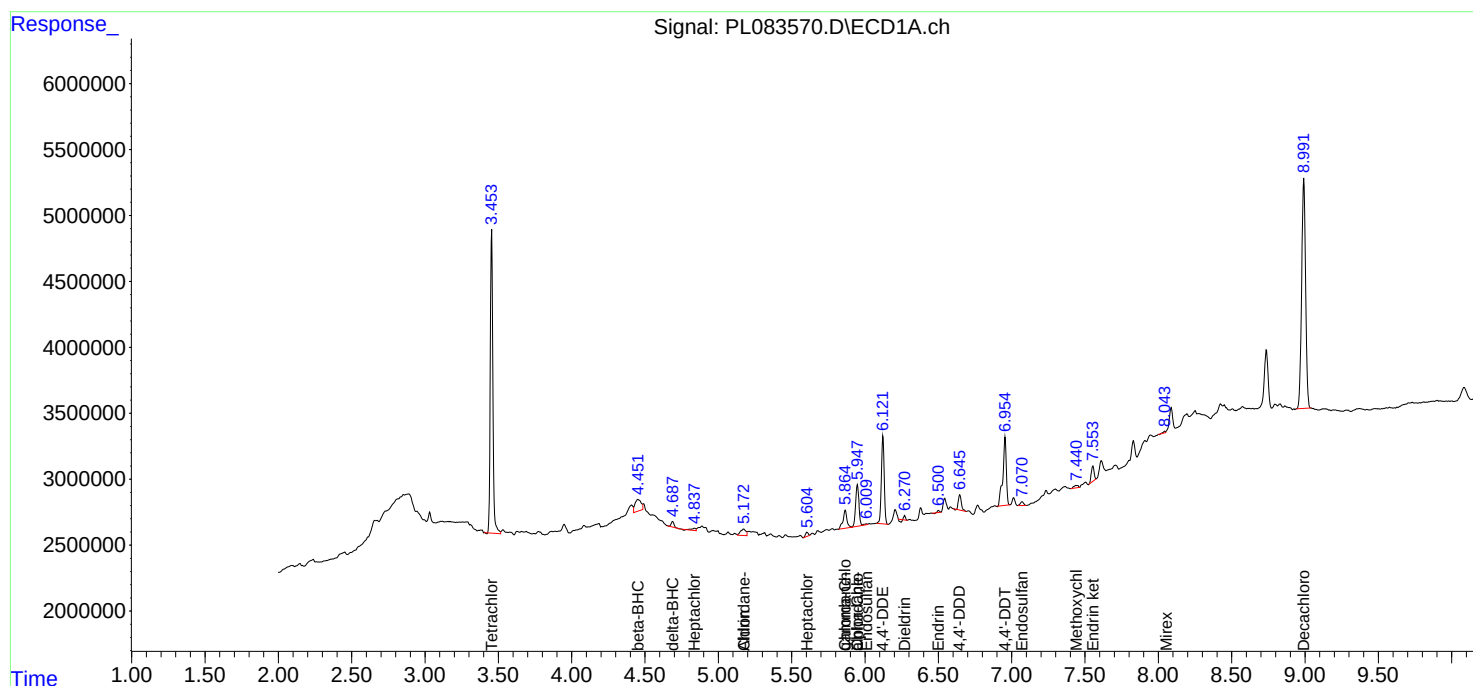
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

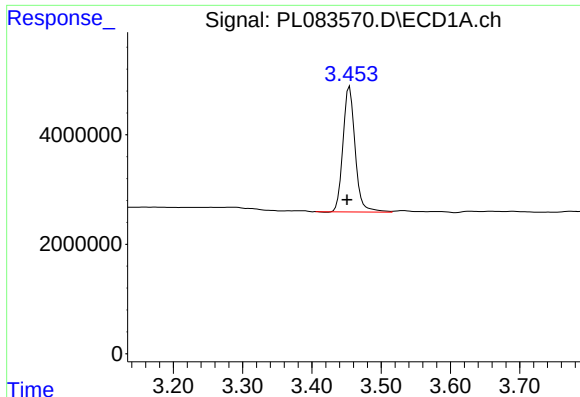
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061923\  
Data File : PL083570.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jun 2023 00:30  
Operator : AR\AJ  
Sample : 03208-01  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 20 04:31:36 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061723.M  
Quant Title : GC Extractables  
QLast Update : Sat Jun 17 12:34:26 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

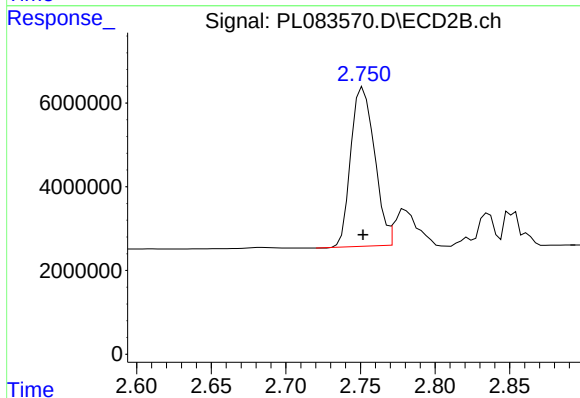




#1 Tetrachloro-m-xylene

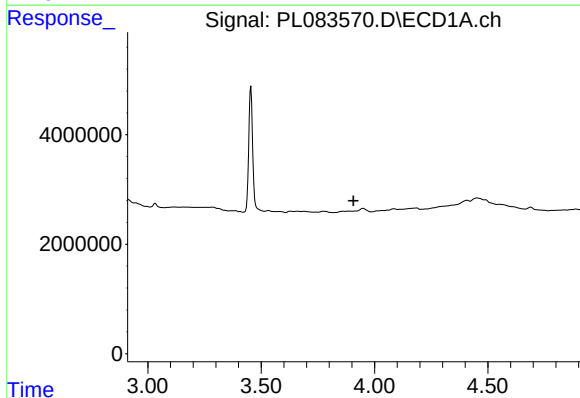
R.T.: 3.454 min  
Delta R.T.: 0.003 min  
Response: 27950598  
Conc: 12.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



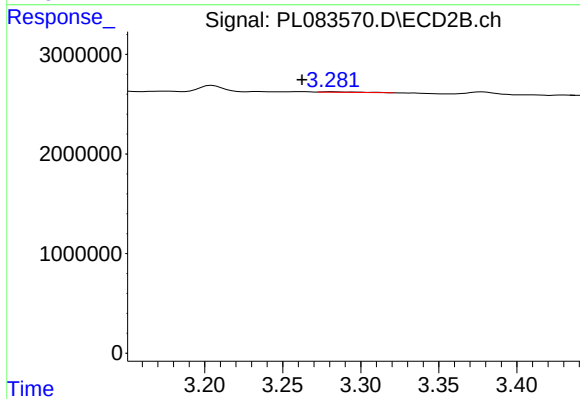
#1 Tetrachloro-m-xylene

R.T.: 2.752 min  
Delta R.T.: 0.000 min  
Response: 41999650  
Conc: 18.03 ng/ml



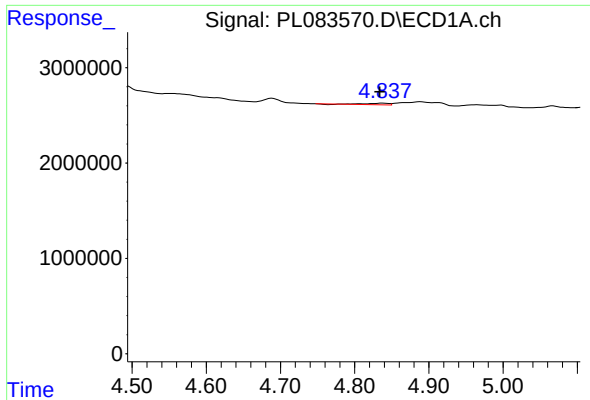
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.908 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

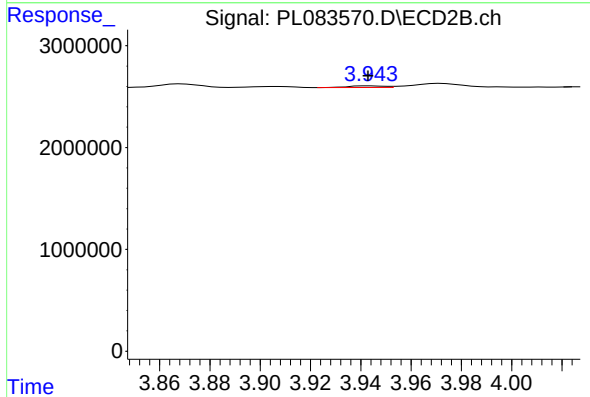
R.T.: 3.282 min  
Delta R.T.: 0.020 min  
Response: 75812  
Conc: 0.02 ng/ml



#4 Heptachlor

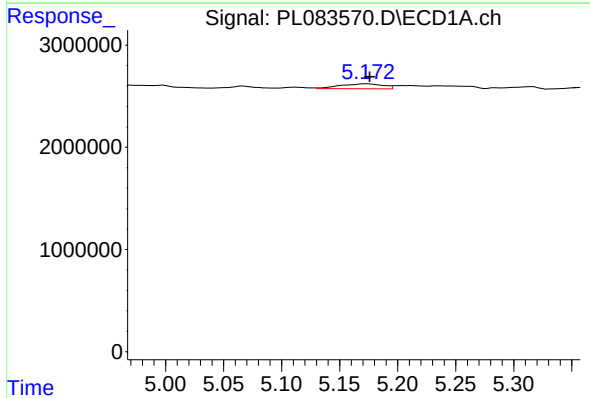
R.T.: 4.838 min  
Delta R.T.: 0.005 min  
Response: 323294  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



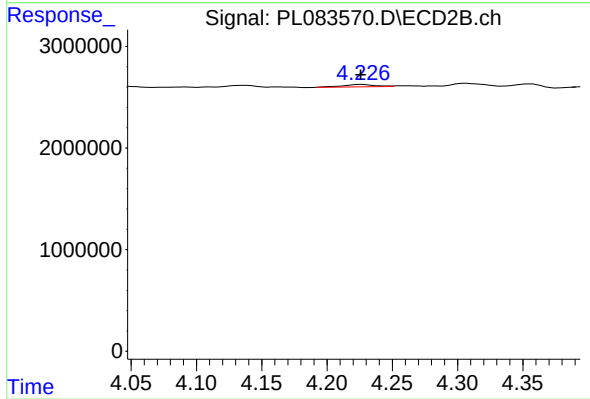
#4 Heptachlor

R.T.: 3.944 min  
Delta R.T.: 0.000 min  
Response: 154523  
Conc: 0.05 ng/ml



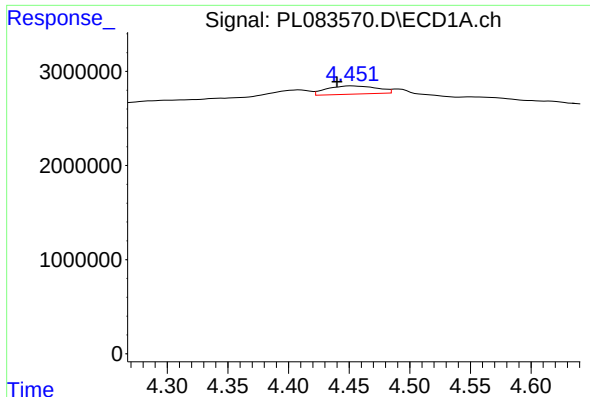
#5 Aldrin

R.T.: 5.173 min  
Delta R.T.: -0.003 min  
Response: 1243709  
Conc: 0.48 ng/ml



#5 Aldrin

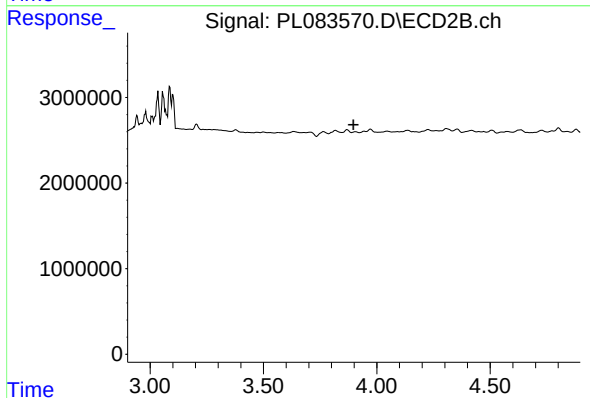
R.T.: 4.227 min  
Delta R.T.: 0.000 min  
Response: 394553  
Conc: 0.13 ng/ml



#6 beta-BHC

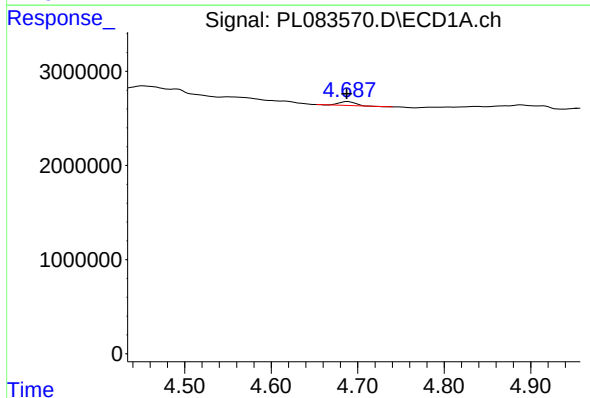
R.T.: 4.452 min  
Delta R.T.: 0.012 min  
Response: 2536839  
Conc: 1.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



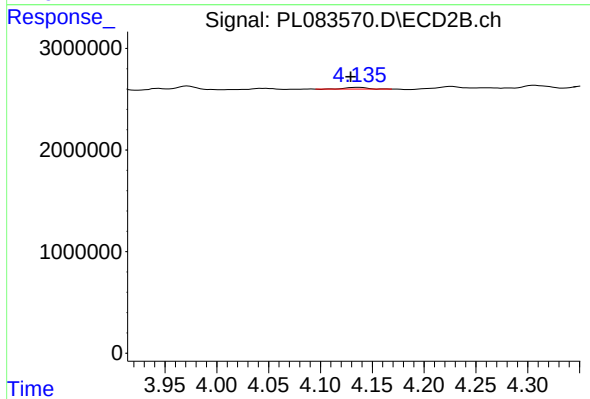
#6 beta-BHC

R.T.: 3.906 min  
Delta R.T.: 0.009 min  
Response: -112503  
Conc: N.D.



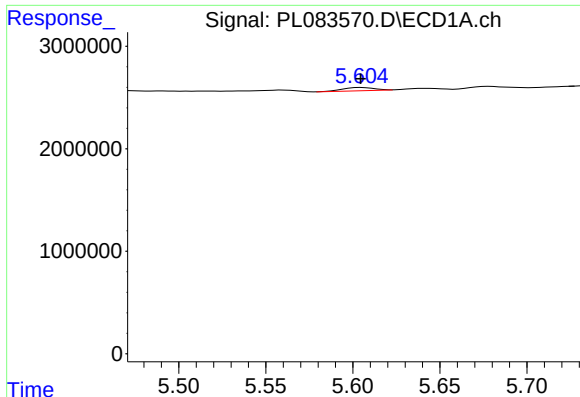
#7 delta-BHC

R.T.: 4.689 min  
Delta R.T.: 0.002 min  
Response: 514385  
Conc: 0.19 ng/ml



#7 delta-BHC

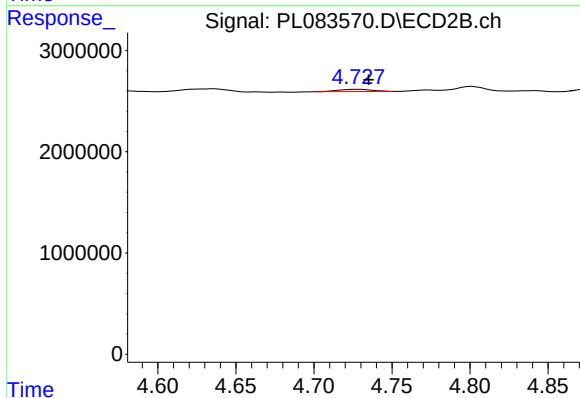
R.T.: 4.136 min  
Delta R.T.: 0.007 min  
Response: 232850  
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

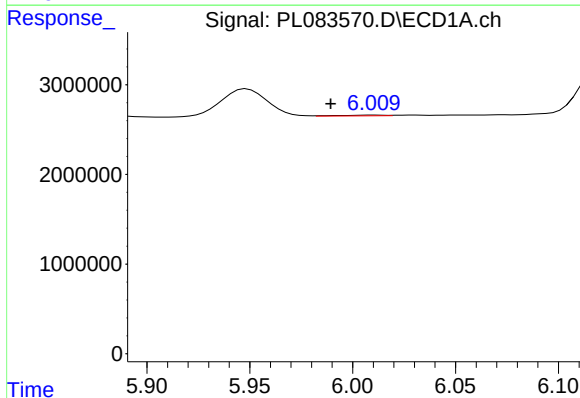
R.T.: 5.605 min  
Delta R.T.: 0.000 min  
Response: 390224  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



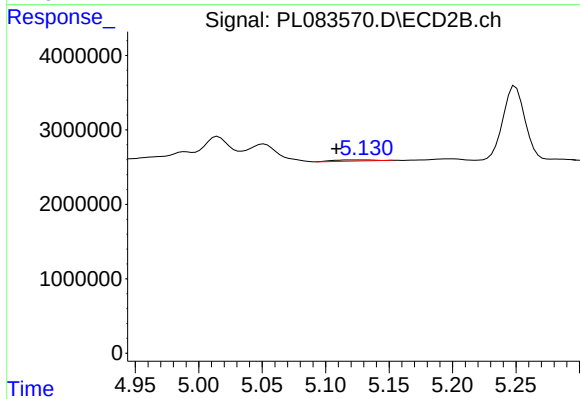
#8 Heptachlor epoxide

R.T.: 4.728 min  
Delta R.T.: -0.007 min  
Response: 336041  
Conc: 0.12 ng/ml



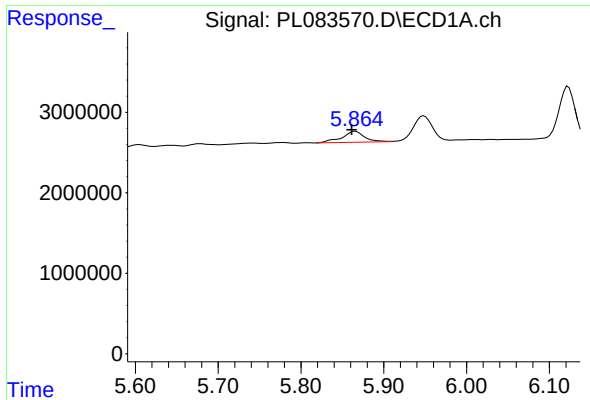
#9 Endosulfan I

R.T.: 6.010 min  
Delta R.T.: 0.021 min  
Response: 127748  
Conc: 0.06 ng/ml



#9 Endosulfan I

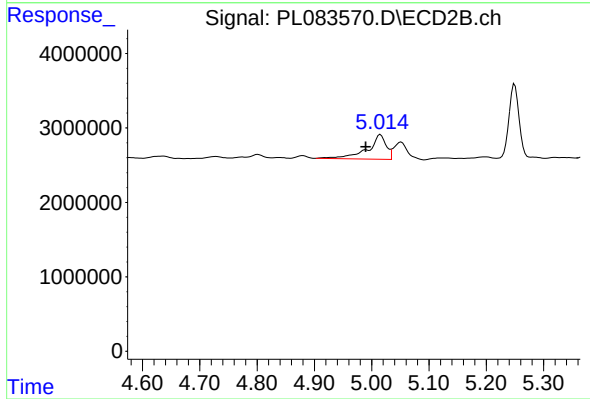
R.T.: 5.131 min  
Delta R.T.: 0.022 min  
Response: 325197  
Conc: 0.12 ng/ml



#10 gamma-Chlordane

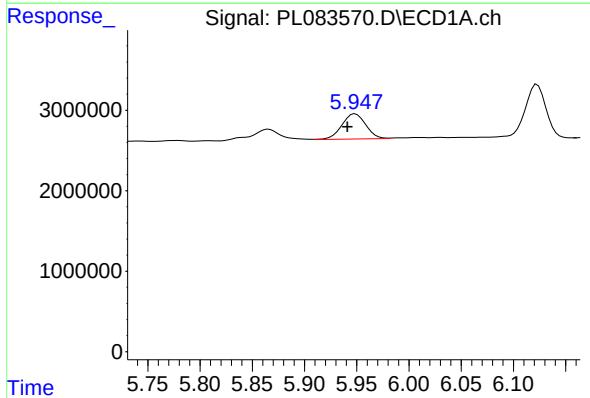
R.T.: 5.866 min  
Delta R.T.: 0.005 min  
Response: 2550826  
Conc: 1.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



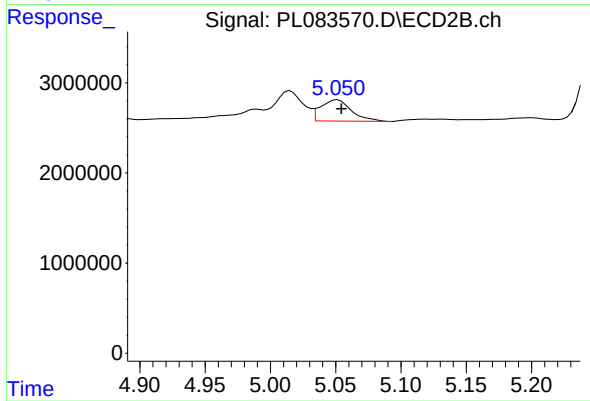
#10 gamma-Chlordane

R.T.: 5.015 min  
Delta R.T.: 0.026 min  
Response: 7433203  
Conc: 2.51 ng/ml



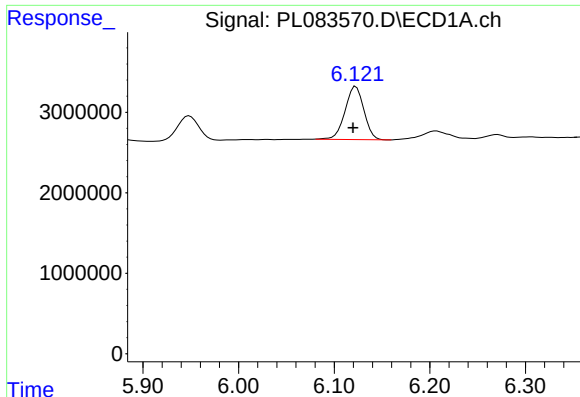
#11 alpha-Chlordane

R.T.: 5.949 min  
Delta R.T.: 0.008 min  
Response: 4949088  
Conc: 2.09 ng/ml



#11 alpha-Chlordane

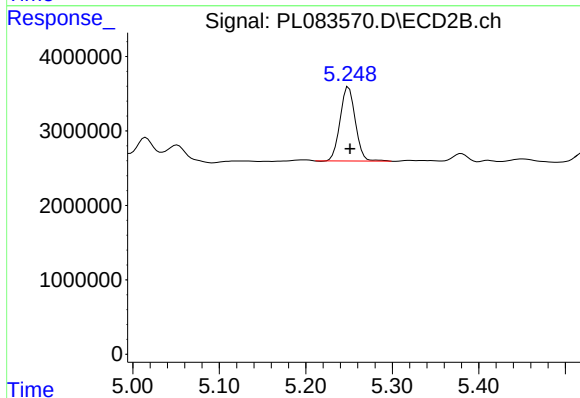
R.T.: 5.051 min  
Delta R.T.: -0.003 min  
Response: 3873546  
Conc: 1.31 ng/ml



#12 4,4'-DDE

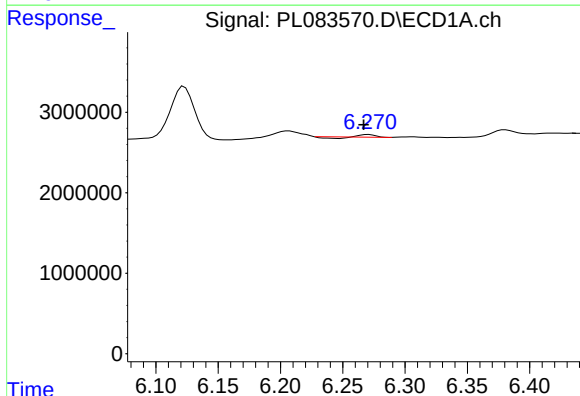
R.T.: 6.123 min  
Delta R.T.: 0.003 min  
Response: 9037615  
Conc: 4.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



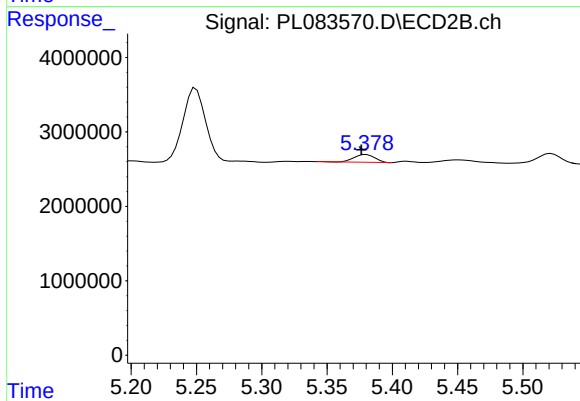
#12 4,4'-DDE

R.T.: 5.250 min  
Delta R.T.: -0.002 min  
Response: 12089907  
Conc: 4.73 ng/ml



#13 Dieldrin

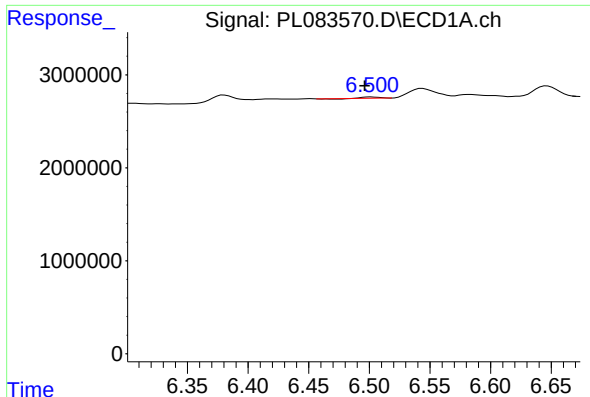
R.T.: 6.271 min  
Delta R.T.: 0.004 min  
Response: 127136  
Conc: 0.06 ng/ml



#13 Dieldrin

R.T.: 5.380 min  
Delta R.T.: 0.004 min  
Response: 1145010  
Conc: 0.41 ng/ml

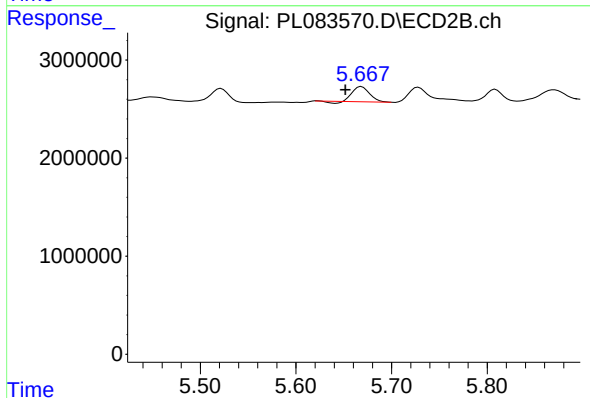




#14 Endrin

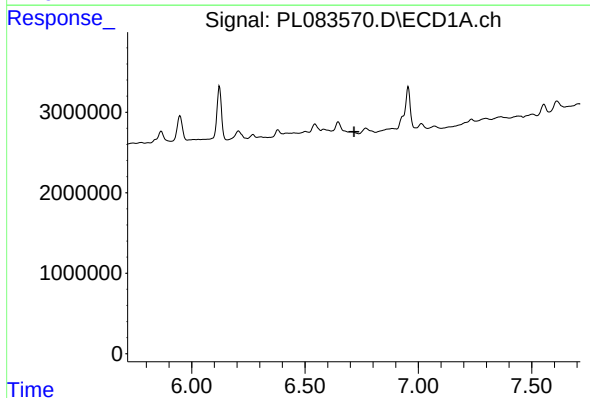
R.T.: 6.501 min  
Delta R.T.: 0.005 min  
Response: 91586  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



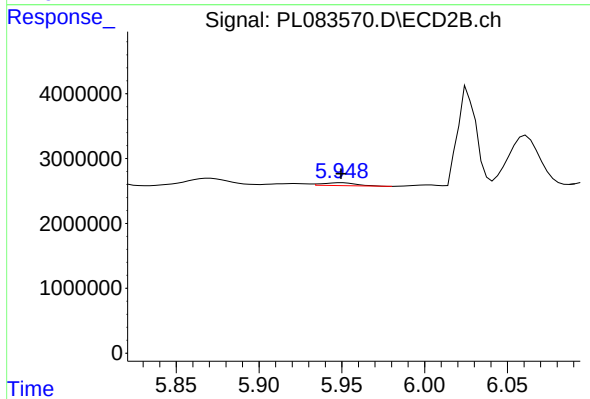
#14 Endrin

R.T.: 5.669 min  
Delta R.T.: 0.017 min  
Response: 1816929  
Conc: 0.79 ng/ml



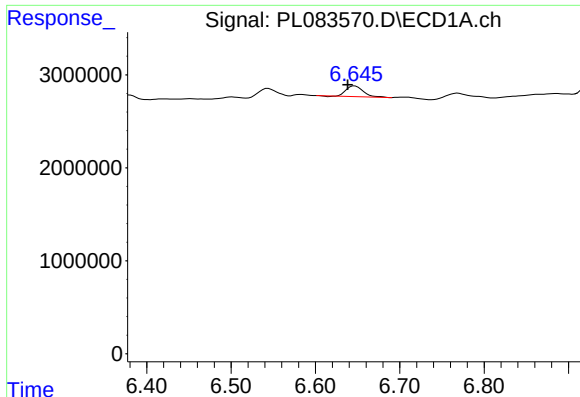
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.716 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

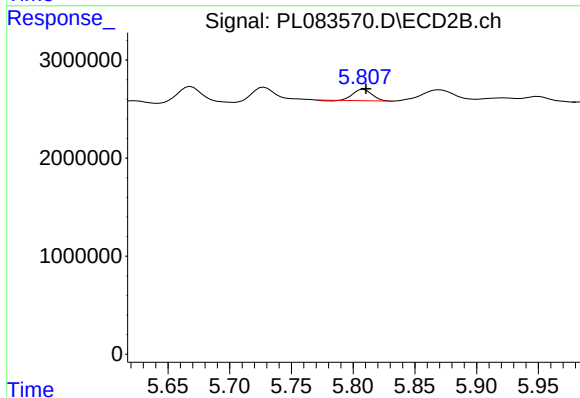
R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 630201  
Conc: 0.27 ng/ml



#16 4,4'-DDD

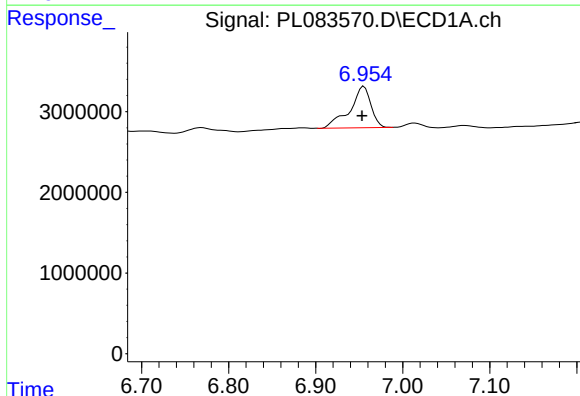
R.T.: 6.647 min  
Delta R.T.: 0.008 min  
Response: 1619287  
Conc: 0.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



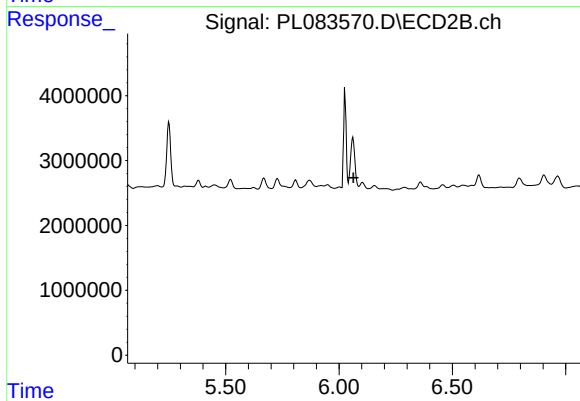
#16 4,4'-DDD

R.T.: 5.809 min  
Delta R.T.: -0.002 min  
Response: 1213447  
Conc: 0.55 ng/ml



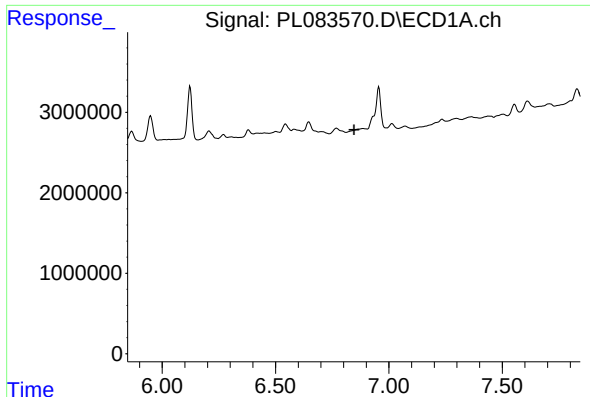
#17 4,4'-DDT

R.T.: 6.955 min  
Delta R.T.: 0.002 min  
Response: 8599712  
Conc: 5.11 ng/ml



#17 4,4'-DDT

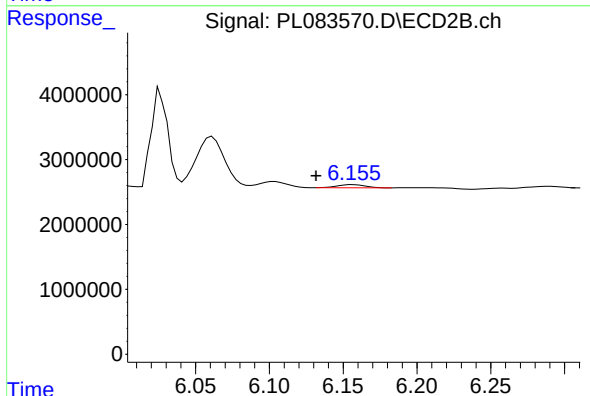
R.T.: 6.061 min  
Delta R.T.: -0.003 min  
Response: -3603383  
Conc: N.D.



#18 Endrin aldehyde

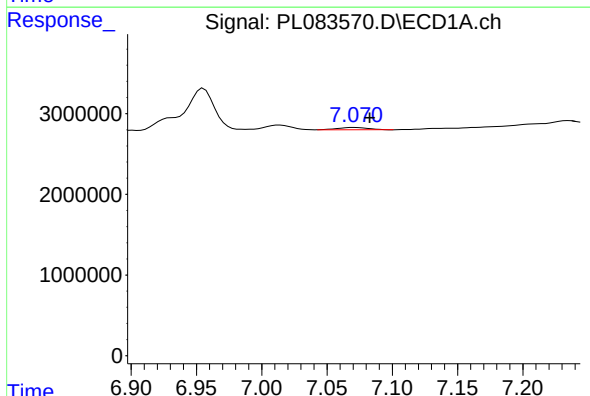
R.T.: 0.000 min  
Exp R.T.: 6.847 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



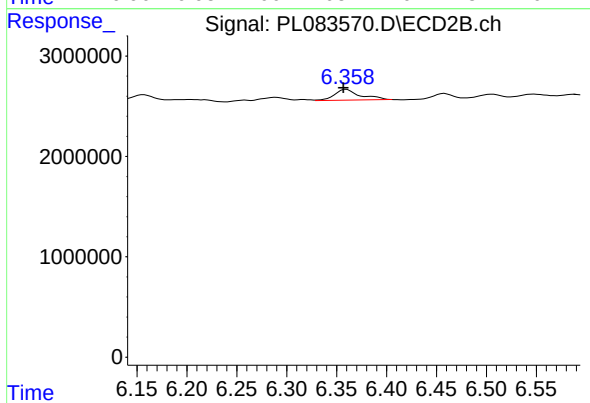
#18 Endrin aldehyde

R.T.: 6.157 min  
Delta R.T.: 0.025 min  
Response: 630360  
Conc: 0.33 ng/ml



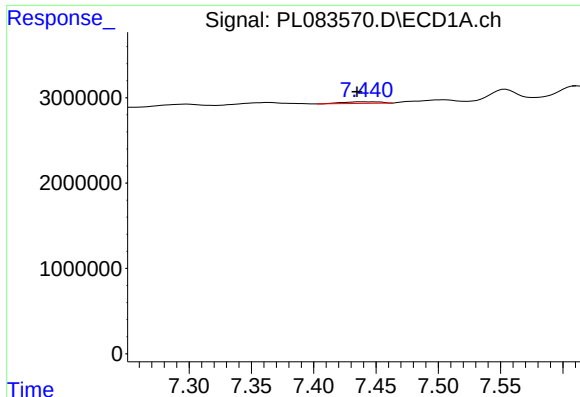
#19 Endosulfan Sulfate

R.T.: 7.072 min  
Delta R.T.: -0.011 min  
Response: 459002  
Conc: 0.24 ng/ml



#19 Endosulfan Sulfate

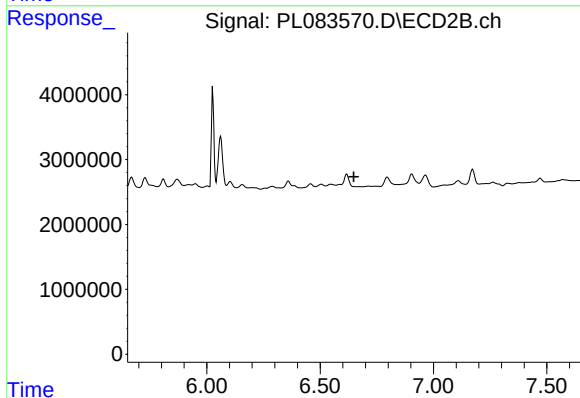
R.T.: 6.360 min  
Delta R.T.: 0.003 min  
Response: 1943290  
Conc: 0.80 ng/ml



#20 Methoxychlor

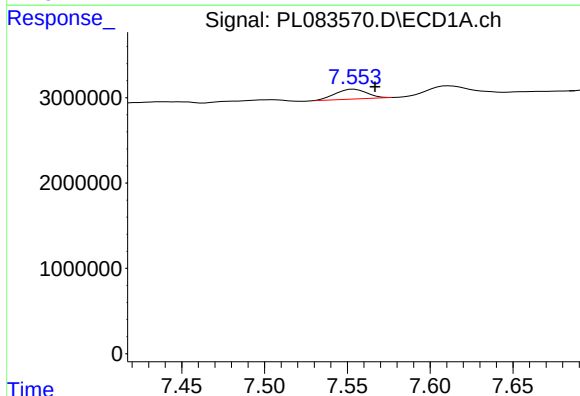
R.T.: 7.441 min  
Delta R.T.: 0.006 min  
Response: 389949  
Conc: 0.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



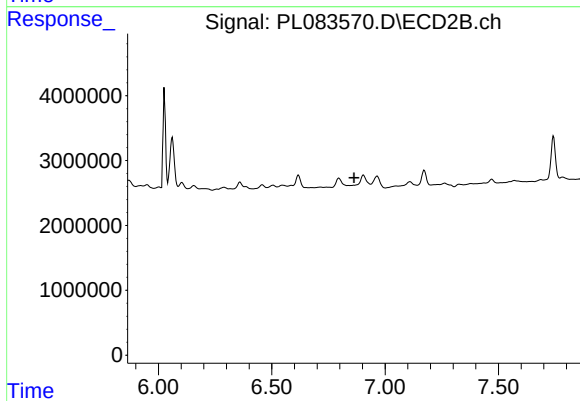
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.649 min  
Response: 0  
Conc: N.D.



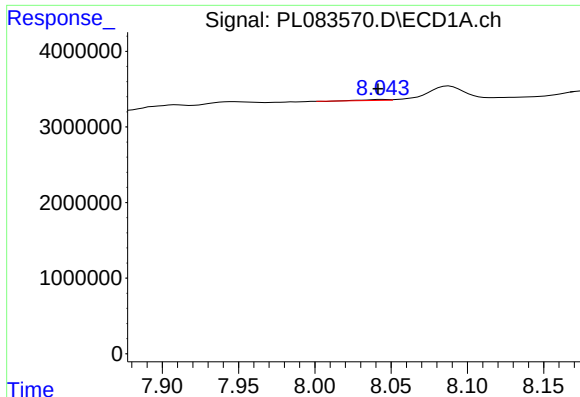
#21 Endrin ketone

R.T.: 7.554 min  
Delta R.T.: -0.012 min  
Response: 1530927  
Conc: 0.71 ng/ml



#21 Endrin ketone

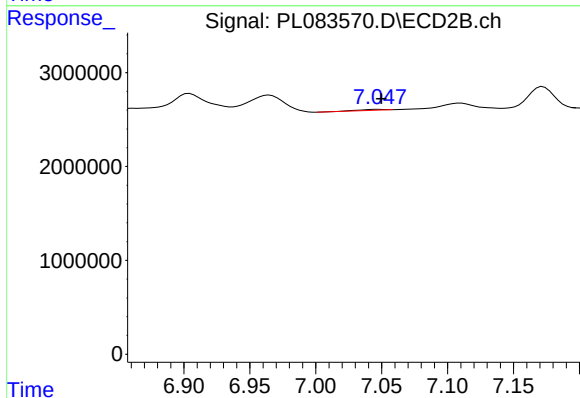
R.T.: 0.000 min  
Exp R.T. : 6.863 min  
Response: 0  
Conc: N.D.



#22 Mirex

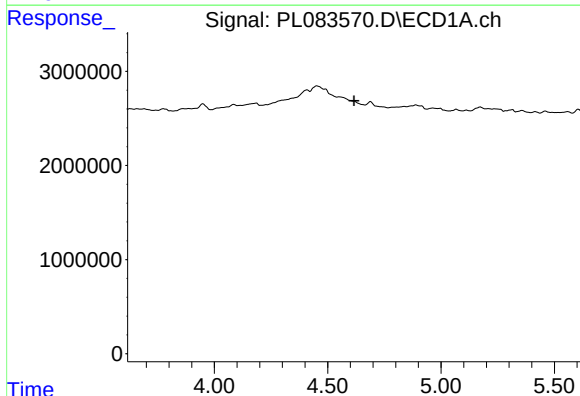
R.T.: 8.044 min  
Delta R.T.: 0.003 min  
Response: 115076  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



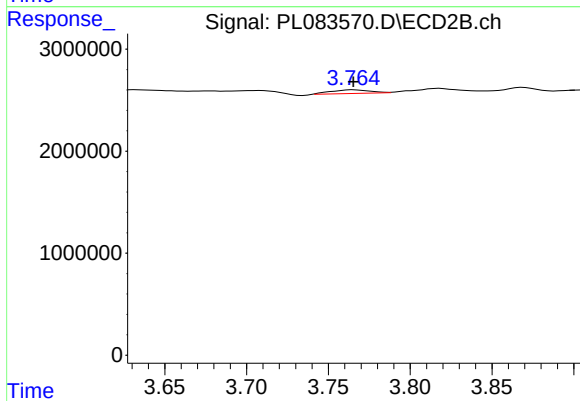
#22 Mirex

R.T.: 7.048 min  
Delta R.T.: -0.002 min  
Response: 138737  
Conc: 0.06 ng/ml



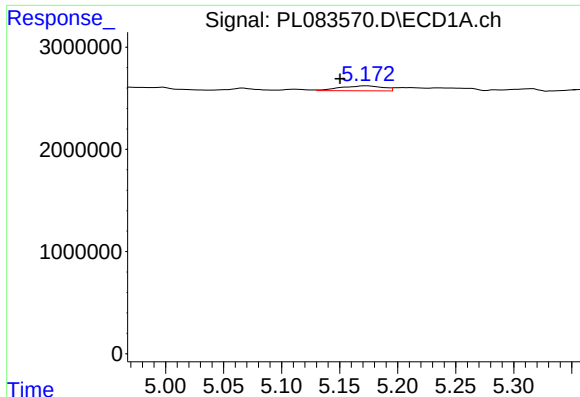
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.617 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

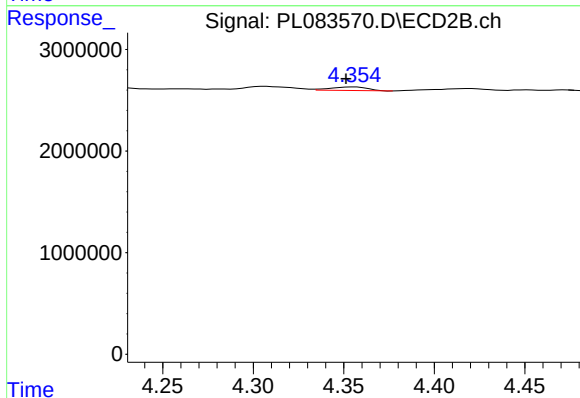
R.T.: 3.765 min  
Delta R.T.: 0.000 min  
Response: 587143  
Conc: 5.99 ng/ml



#24 Chlordane-2

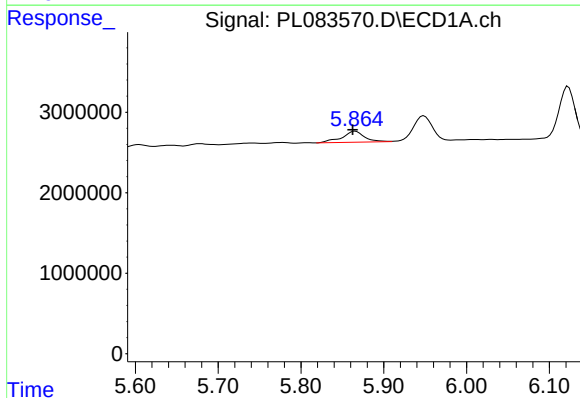
R.T.: 5.173 min  
Delta R.T.: 0.023 min  
Response: 1243709  
Conc: 11.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



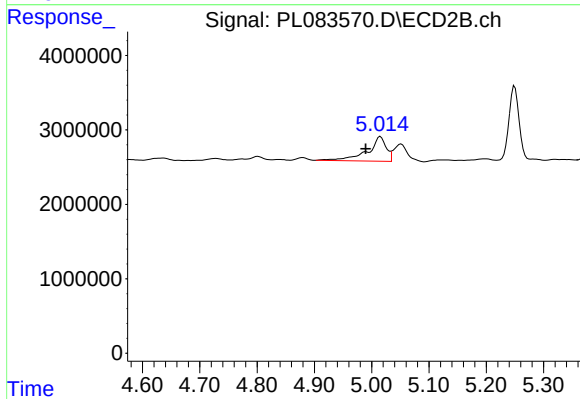
#24 Chlordane-2

R.T.: 4.355 min  
Delta R.T.: 0.004 min  
Response: 500173  
Conc: 4.16 ng/ml



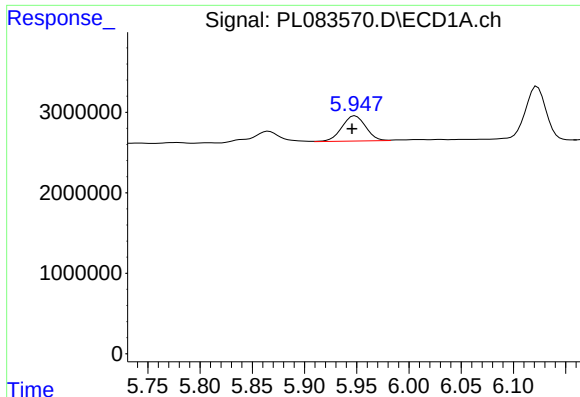
#25 Chlordane-3

R.T.: 5.866 min  
Delta R.T.: 0.003 min  
Response: 2550826  
Conc: 6.68 ng/ml



#25 Chlordane-3

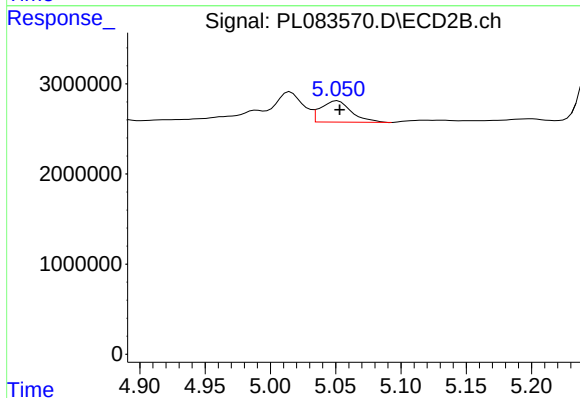
R.T.: 5.015 min  
Delta R.T.: 0.026 min  
Response: 7433203  
Conc: 22.69 ng/ml



#26 Chlordane-4

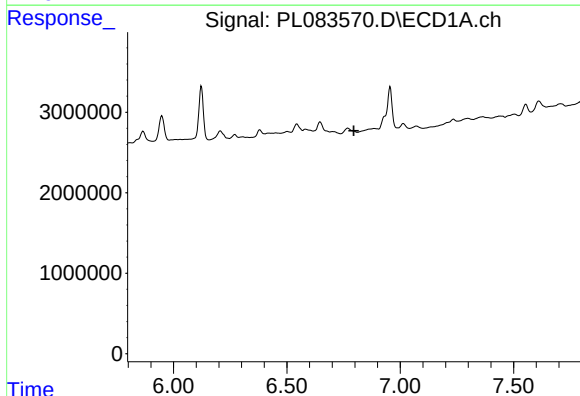
R.T.: 5.949 min  
Delta R.T.: 0.003 min  
Response: 4949088  
Conc: 10.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



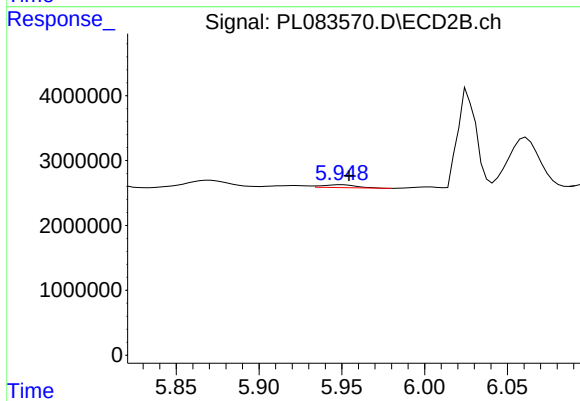
#26 Chlordane-4

R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 3873546  
Conc: 11.49 ng/ml



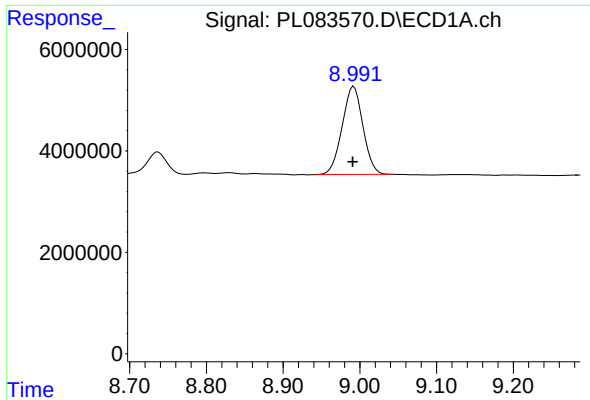
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.795 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

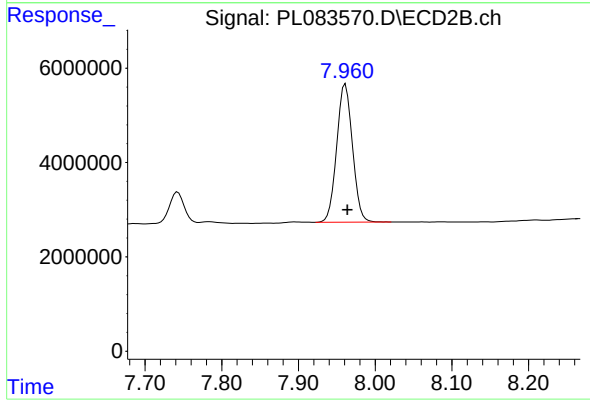
R.T.: 5.950 min  
Delta R.T.: -0.005 min  
Response: 630201  
Conc: 5.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.992 min  
Delta R.T.: 0.001 min  
Response: 32794294  
Conc: 17.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



#28 Decachlorobiphenyl

R.T.: 7.961 min  
Delta R.T.: -0.003 min  
Response: 41906592  
Conc: 17.06 ng/ml