

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021623\  
 Data File : PL080963.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Feb 2023 08:36  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 16 20:22:26 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 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... | 3.354  | 2.688  | 52204790 | 49091980 | 24.340 | 22.351  |
| 28)                         | SA Decachlor... | 8.792  | 7.833  | 41320963 | 49987880 | 23.602 | 20.981  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.177  | 0        | 98244    | N.D.   | 0.031 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.542f | 0        | 488092   | N.D.   | 0.163 # |
| 4)                          | MA Heptachlor   | 4.712  | 3.873  | 389325   | 162238   | 0.132  | 0.051 # |
| 5)                          | MB Aldrin       | 0.000  | 4.156  | 0        | 545967   | N.D.   | 0.185 # |
| 6)                          | B beta-BHC      | 0.000  | 3.823  | 0        | 560723   | N.D.   | 0.420 # |
| 7)                          | B delta-BHC     | 4.569  | 4.048  | 2419289  | 68696    | 0.836  | 0.024 # |
| 8)                          | B Heptachlo...  | 5.478  | 4.619f | 1168141  | 25895    | 0.452  | 0.009 # |
| 10)                         | B gamma-Chl...  | 5.709f | 4.874f | 481913   | 5864     | 0.191  | 0.002 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.945  | 0        | 169568   | N.D.   | 0.059 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.152  | 0        | 213966   | N.D.   | 0.091 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.274  | 0        | 429457   | N.D.   | 0.159 # |
| 14)                         | MA Endrin       | 6.336f | 5.567  | 88021    | 297555   | 0.041  | 0.128 # |
| 15)                         | B Endosulfa...  | 6.565  | 0.000  | 473589   | 0        | 0.207  | N.D. #  |
| 16)                         | A 4,4'-DDD      | 6.498  | 0.000  | 405124   | 0        | 0.221  | N.D. #  |
| 18)                         | B Endrin al...  | 0.000  | 6.036  | 0        | 39778    | N.D.   | 0.022 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.245  | 0        | 156925   | N.D.   | 0.067 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.546  | 0        | 3384     | N.D.   | 0.003 # |
| 21)                         | B Endrin ke...  | 7.401f | 6.745  | 202514   | 4070     | 0.092  | 0.002 # |
| 22)                         | Mirex           | 0.000  | 6.941  | 0        | 2573     | N.D.   | 0.001 # |
| 23)                         | Chlordane-1     | 0.000  | 3.693  | 0        | 242764   | N.D.   | 2.981 # |
| 24)                         | Chlordane-2     | 0.000  | 4.256  | 0        | 741932   | N.D.   | 8.229 # |
| 25)                         | Chlordane-3     | 5.709f | 4.874f | 481913   | 5864     | 1.426  | 0.022 # |
| 26)                         | Chlordane-4     | 0.000  | 4.945  | 0        | 169568   | N.D.   | 0.630 # |
| 27)                         | Chlordane-5     | 0.000  | 5.600f | 0        | 39027    | N.D.   | 0.548 # |
| -----                       |                 |        |        |          |          |        |         |

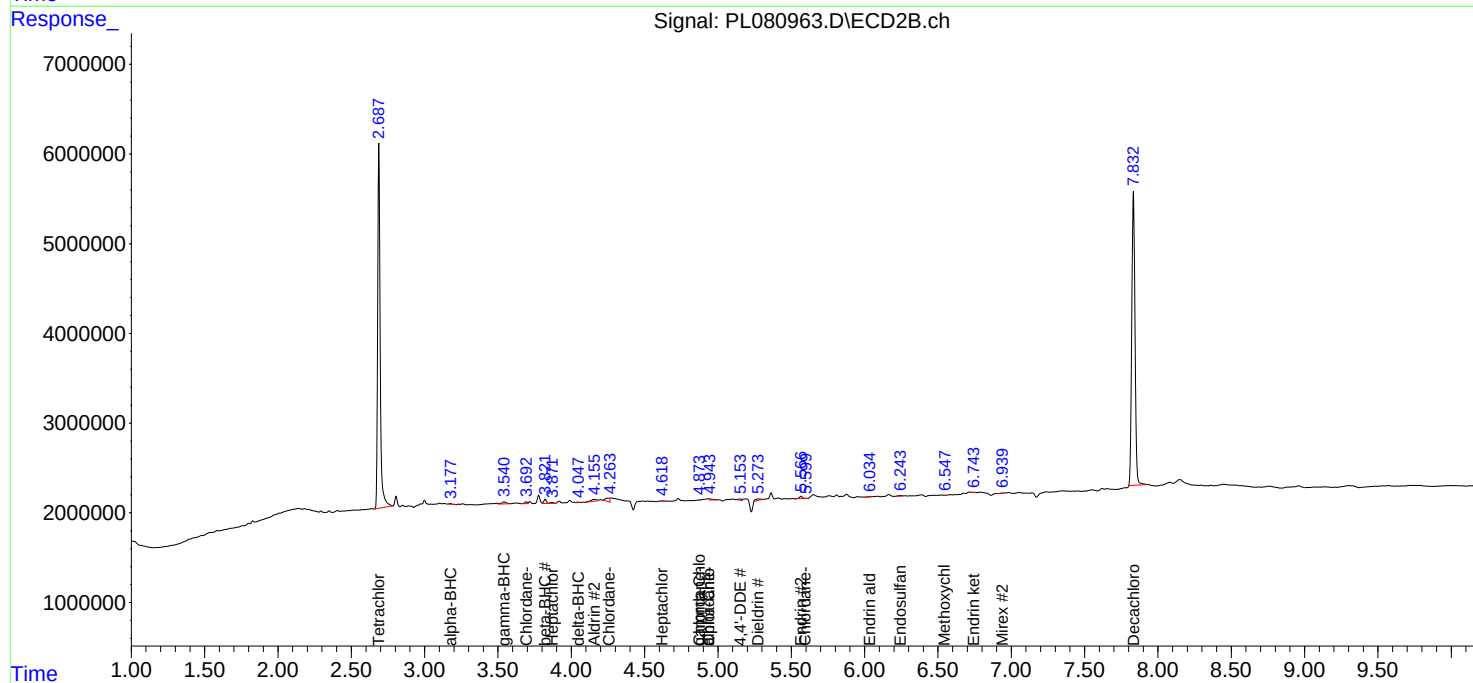
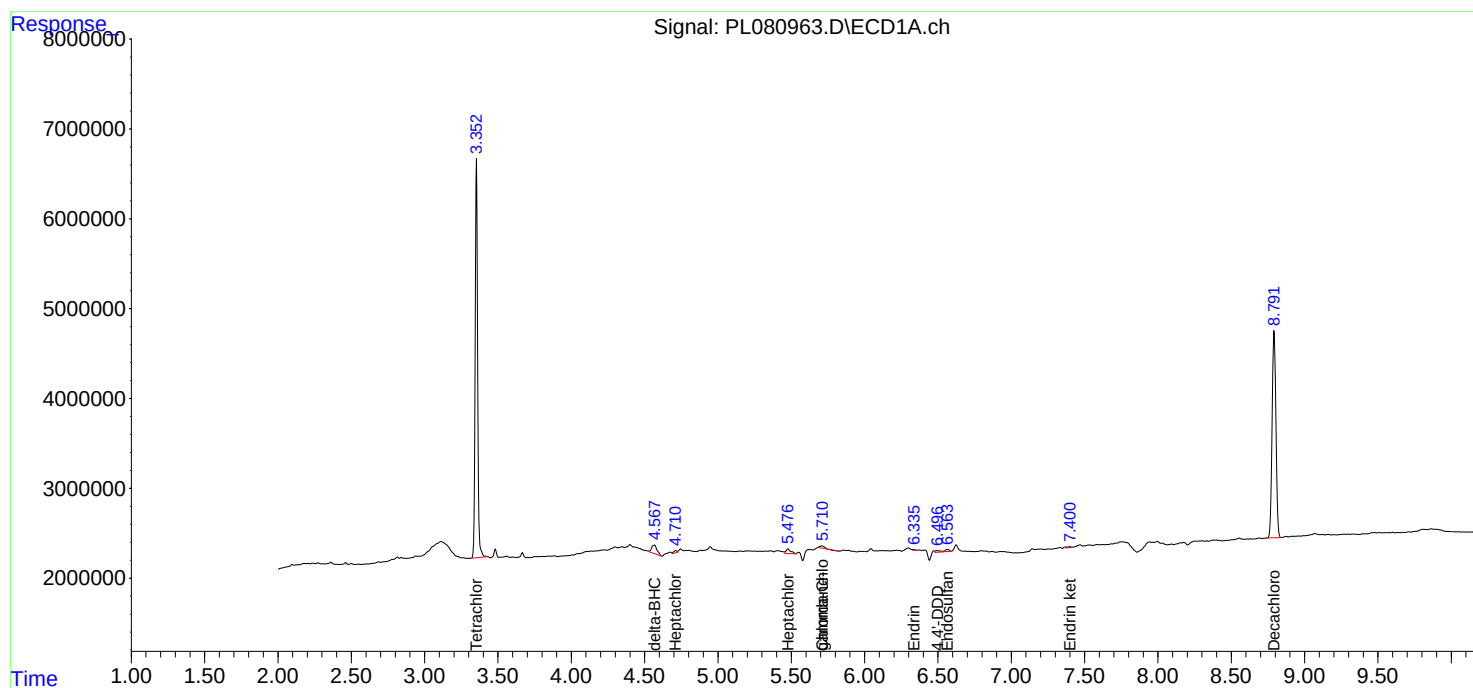
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

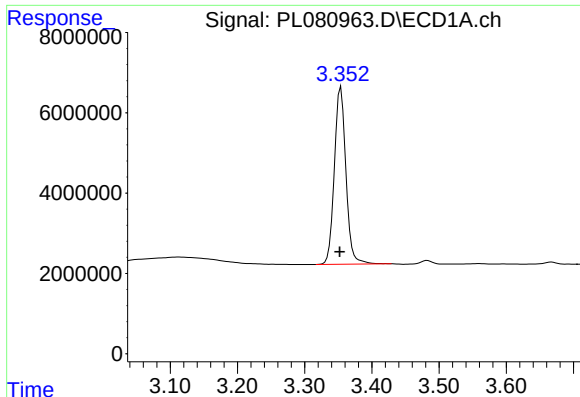
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021623\  
Data File : PL080963.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Feb 2023 08:36  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 16 20:22:26 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Sun Jan 22 23:56:48 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

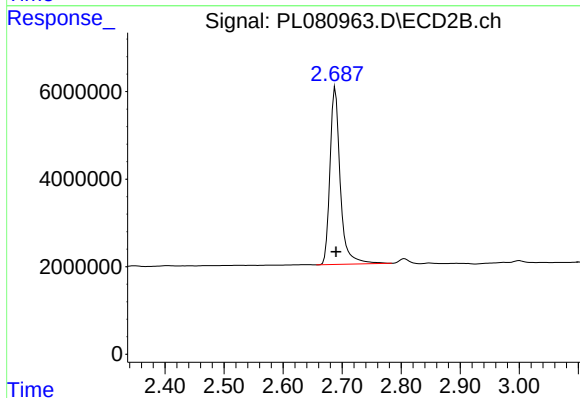




#1 Tetrachloro-m-xylene

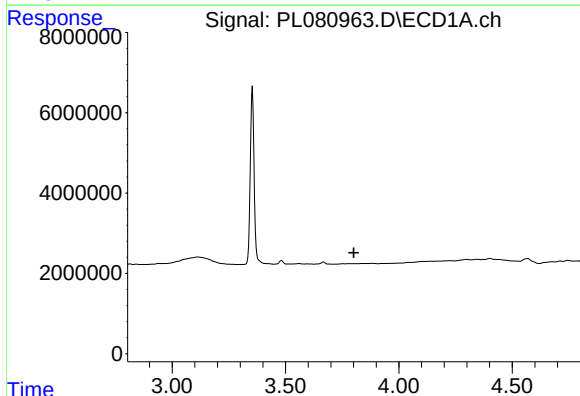
R.T.: 3.354 min  
Delta R.T.: 0.002 min  
Response: 52204790  
Conc: 24.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



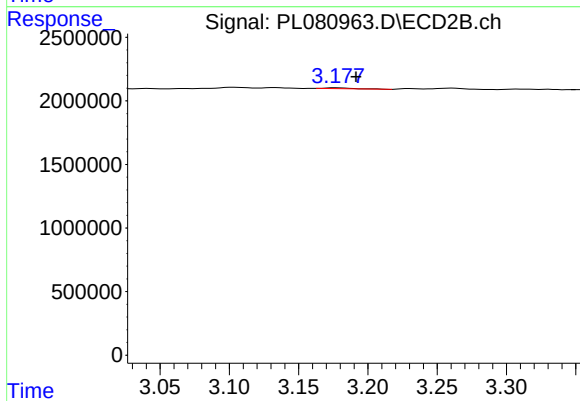
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: -0.001 min  
Response: 49091980  
Conc: 22.35 ng/ml



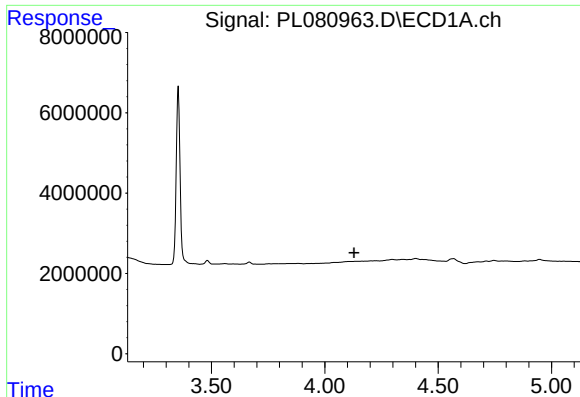
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.801 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

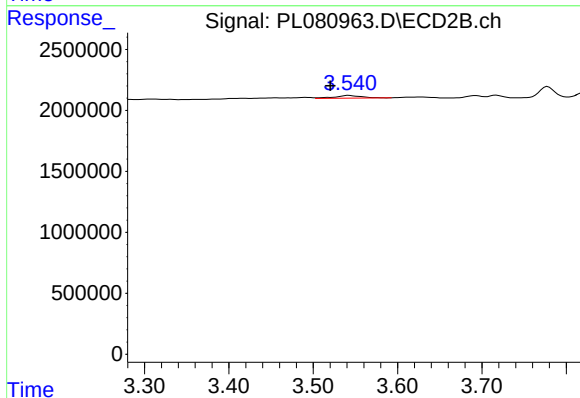
R.T.: 3.177 min  
Delta R.T.: -0.015 min  
Response: 98244  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

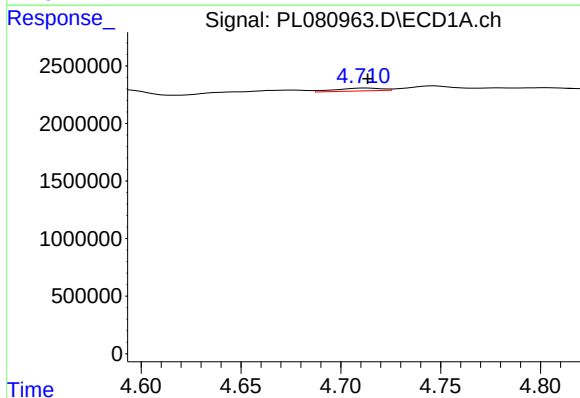
R.T.: 0.000 min  
Exp R.T.: 4.129 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



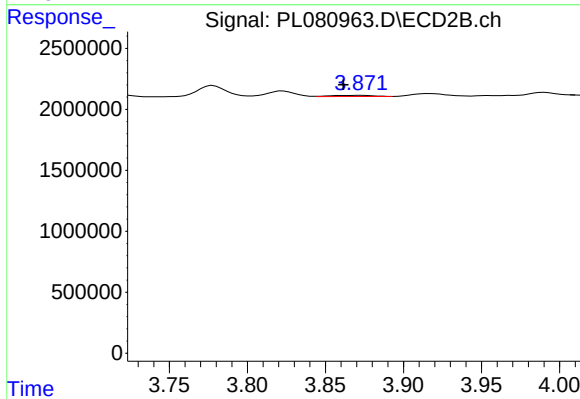
#3 gamma-BHC (Lindane)

R.T.: 3.542 min  
Delta R.T.: 0.021 min  
Response: 488092  
Conc: 0.16 ng/ml



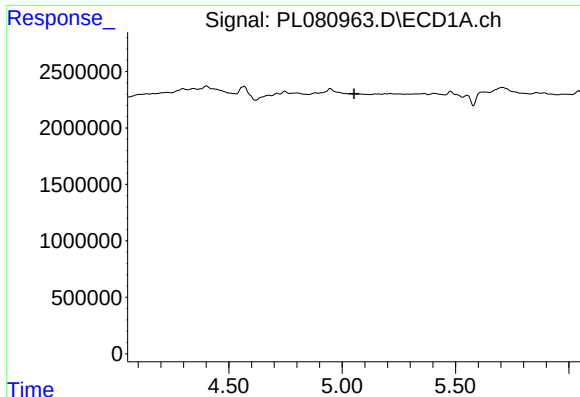
#4 Heptachlor

R.T.: 4.712 min  
Delta R.T.: -0.001 min  
Response: 389325  
Conc: 0.13 ng/ml



#4 Heptachlor

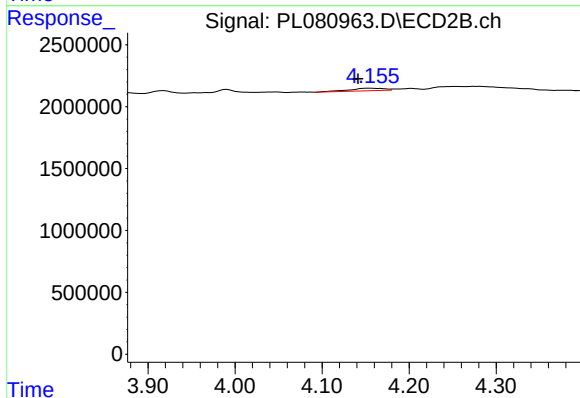
R.T.: 3.873 min  
Delta R.T.: 0.011 min  
Response: 162238  
Conc: 0.05 ng/ml



#5 Aldrin

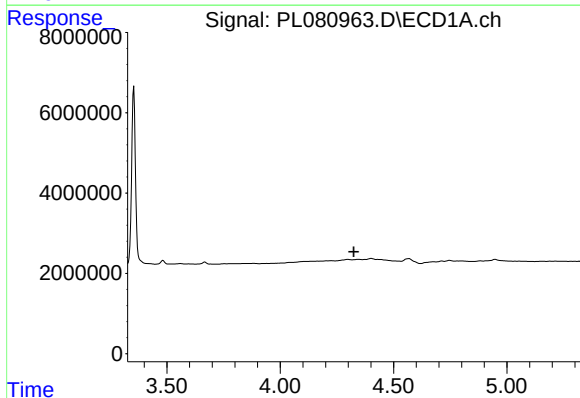
R.T.: 0.000 min  
Exp R.T.: 5.052 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



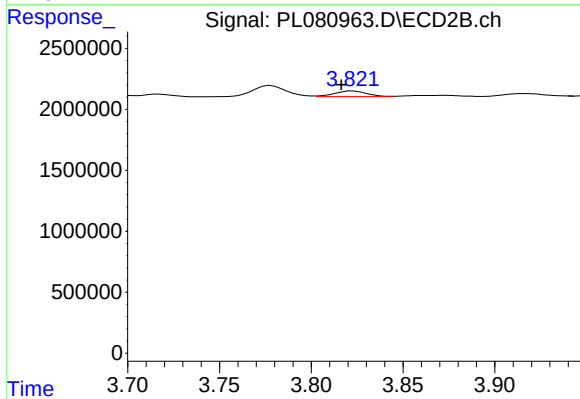
#5 Aldrin

R.T.: 4.156 min  
Delta R.T.: 0.014 min  
Response: 545967  
Conc: 0.19 ng/ml



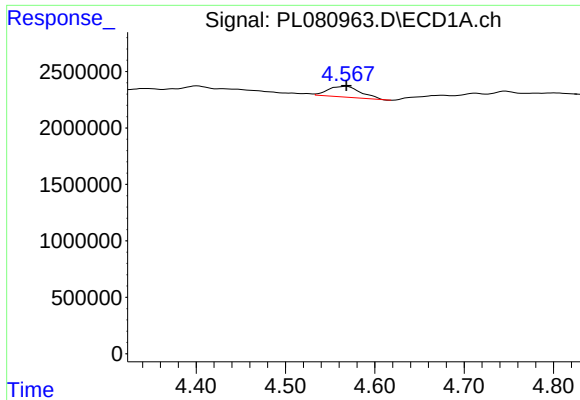
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.325 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

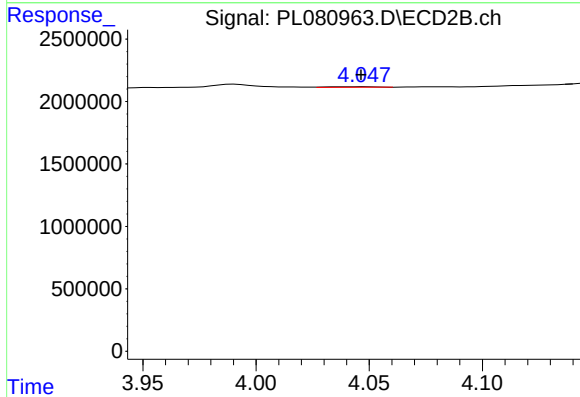
R.T.: 3.823 min  
Delta R.T.: 0.006 min  
Response: 560723  
Conc: 0.42 ng/ml



#7 delta-BHC

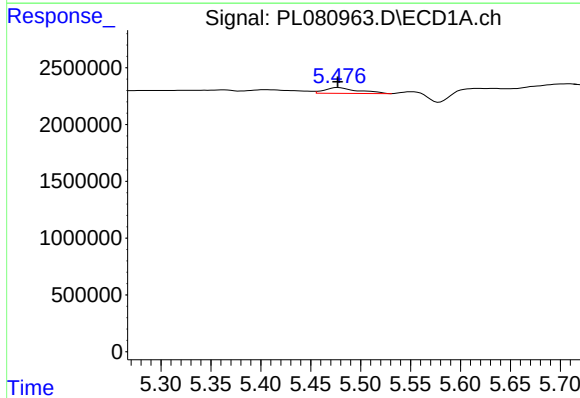
R.T.: 4.569 min  
Delta R.T.: 0.000 min  
Response: 2419289  
Conc: 0.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



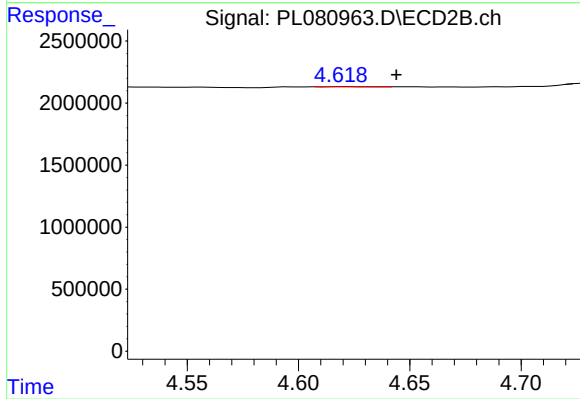
#7 delta-BHC

R.T.: 4.048 min  
Delta R.T.: 0.001 min  
Response: 68696  
Conc: 0.02 ng/ml



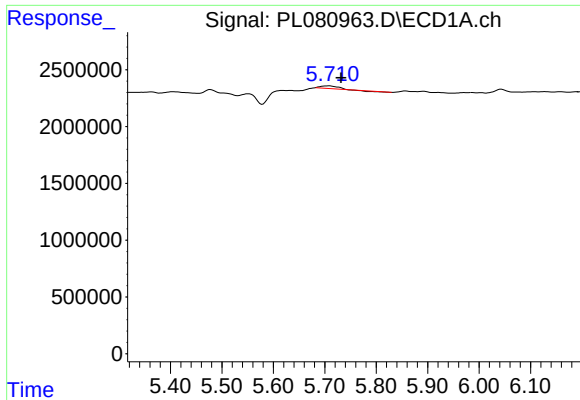
#8 Heptachlor epoxide

R.T.: 5.478 min  
Delta R.T.: 0.000 min  
Response: 1168141  
Conc: 0.45 ng/ml



#8 Heptachlor epoxide

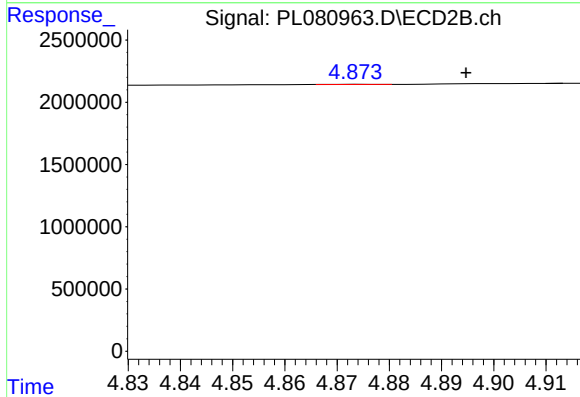
R.T.: 4.619 min  
Delta R.T.: -0.024 min  
Response: 25895  
Conc: 0.01 ng/ml



#10 gamma-Chlordane

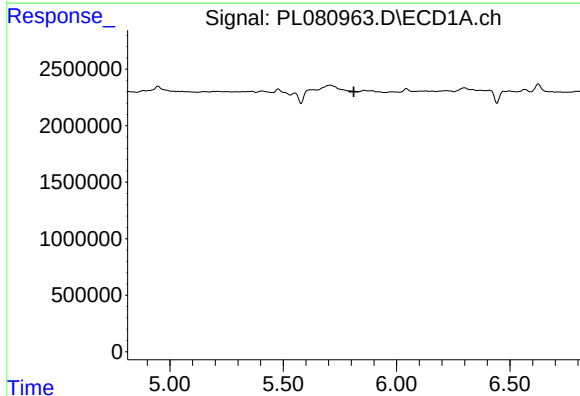
R.T.: 5.709 min  
Delta R.T.: -0.022 min  
Response: 481913  
Conc: 0.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



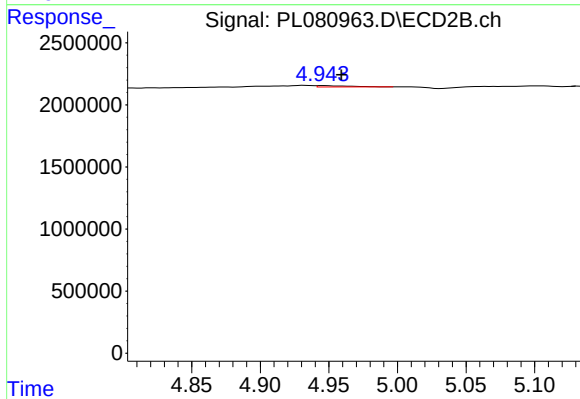
#10 gamma-Chlordane

R.T.: 4.874 min  
Delta R.T.: -0.020 min  
Response: 5864  
Conc: 0.00 ng/ml



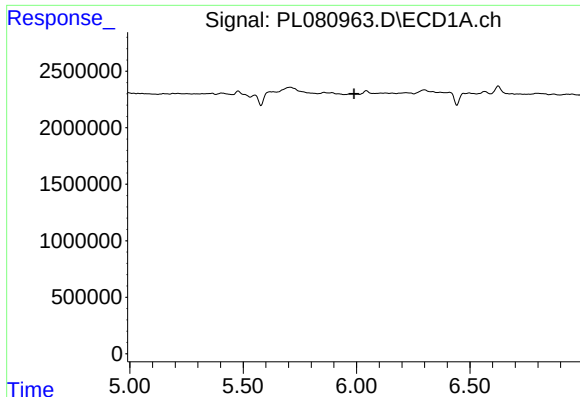
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.811 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

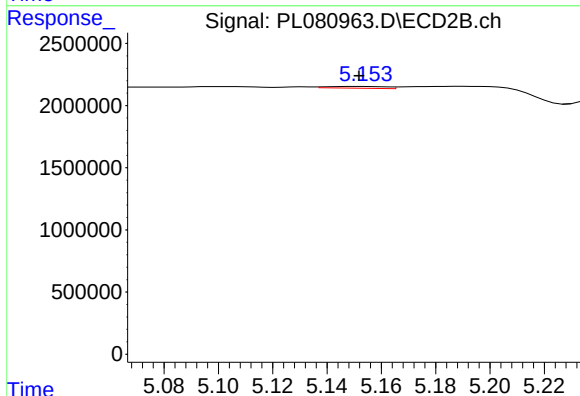
R.T.: 4.945 min  
Delta R.T.: -0.014 min  
Response: 169568  
Conc: 0.06 ng/ml



#12 4,4'-DDE

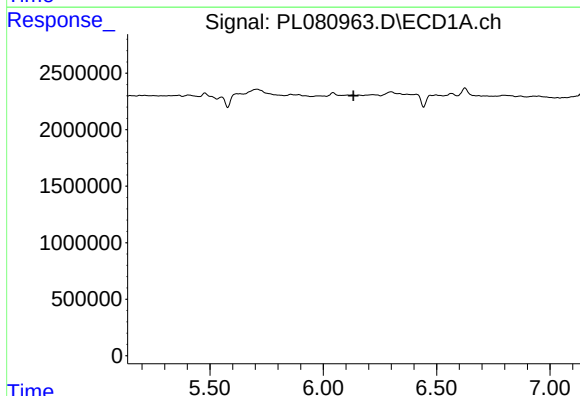
R.T.: 0.000 min  
Exp R.T.: 5.989 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



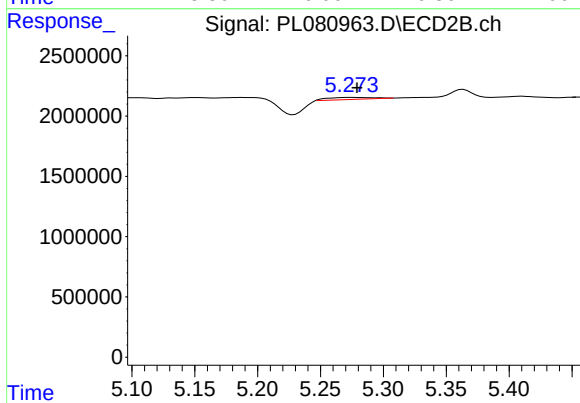
#12 4,4'-DDE

R.T.: 5.152 min  
Delta R.T.: 0.000 min  
Response: 213966  
Conc: 0.09 ng/ml



#13 Dieldrin

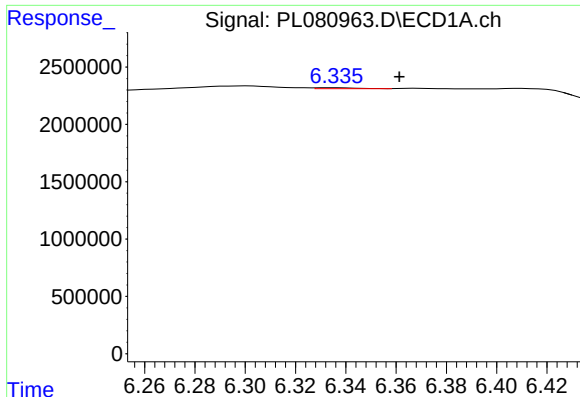
R.T.: 0.000 min  
Exp R.T.: 6.133 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 5.274 min  
Delta R.T.: -0.005 min  
Response: 429457  
Conc: 0.16 ng/ml

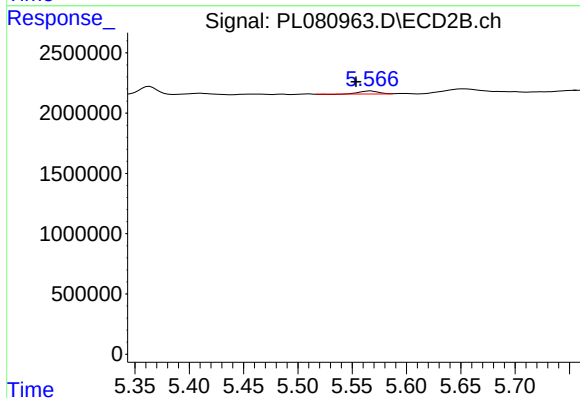




#14 Endrin

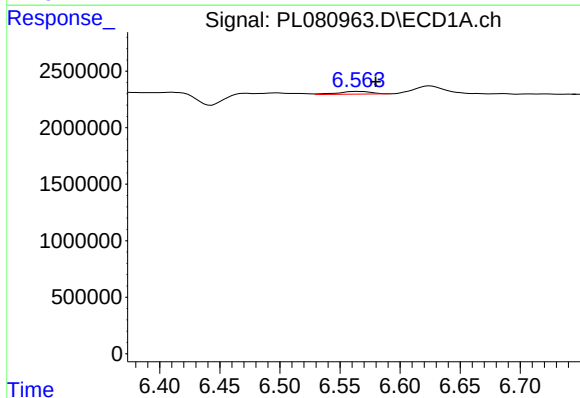
R.T.: 6.336 min  
Delta R.T.: -0.026 min  
Response: 88021  
Conc: 0.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



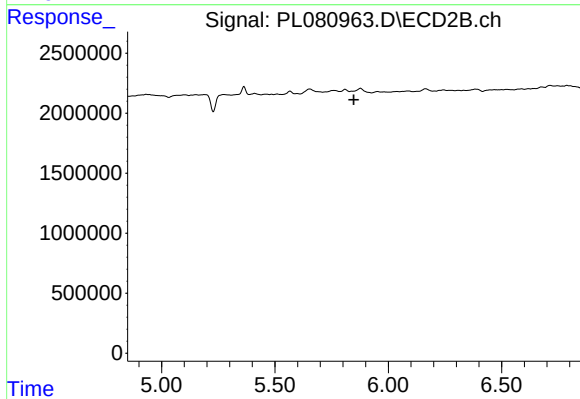
#14 Endrin

R.T.: 5.567 min  
Delta R.T.: 0.013 min  
Response: 297555  
Conc: 0.13 ng/ml



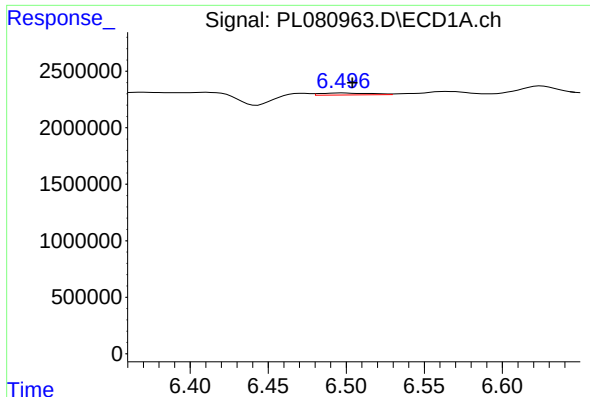
#15 Endosulfan II

R.T.: 6.565 min  
Delta R.T.: -0.015 min  
Response: 473589  
Conc: 0.21 ng/ml



#15 Endosulfan II

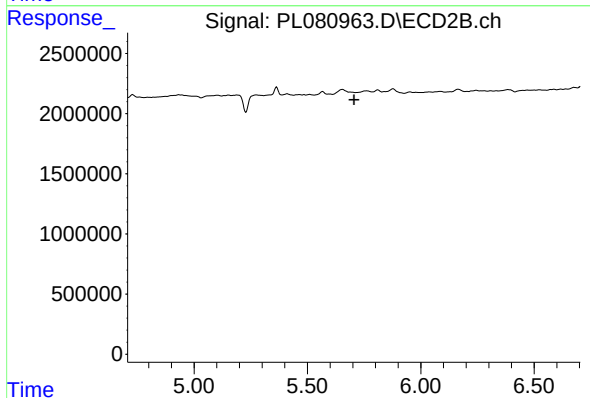
R.T.: 0.000 min  
Exp R.T. : 5.848 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

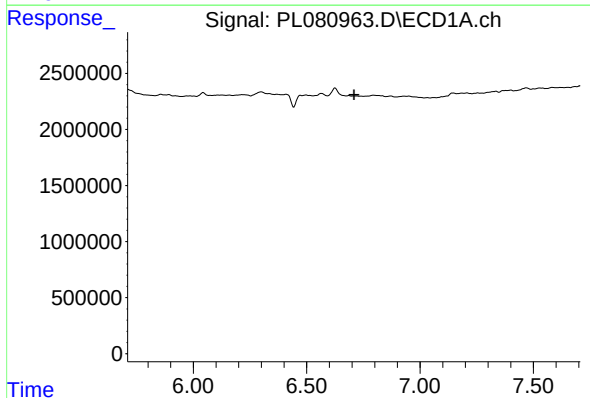
R.T.: 6.498 min  
Delta R.T.: -0.006 min  
Response: 405124  
Conc: 0.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



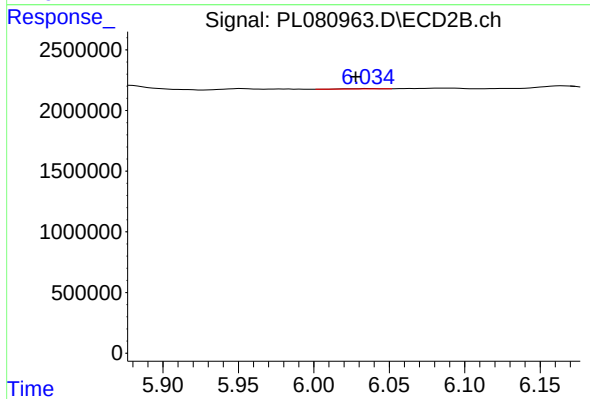
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.706 min  
Response: 0  
Conc: N.D.



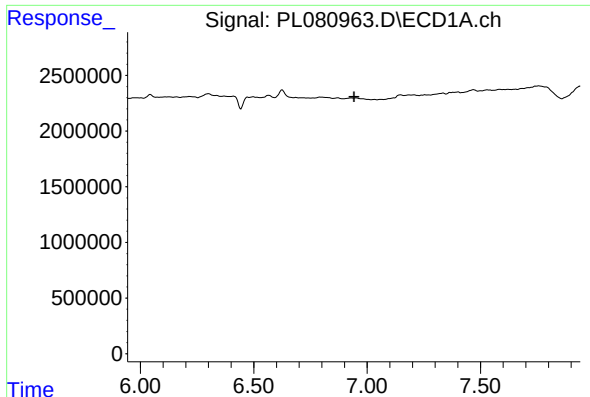
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.709 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

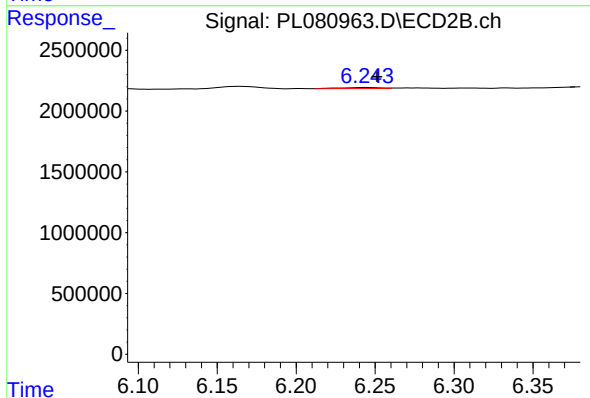
R.T.: 6.036 min  
Delta R.T.: 0.008 min  
Response: 39778  
Conc: 0.02 ng/ml



#19 Endosulfan Sulfate

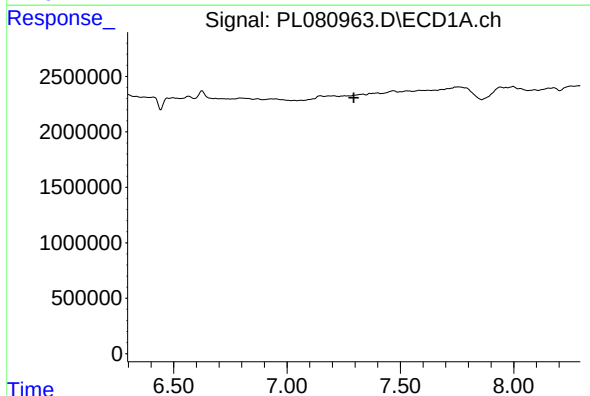
R.T.: 0.000 min  
Exp R.T.: 6.943 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



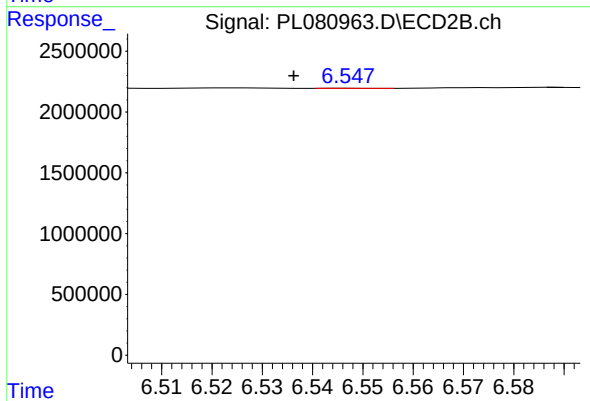
#19 Endosulfan Sulfate

R.T.: 6.245 min  
Delta R.T.: -0.007 min  
Response: 156925  
Conc: 0.07 ng/ml



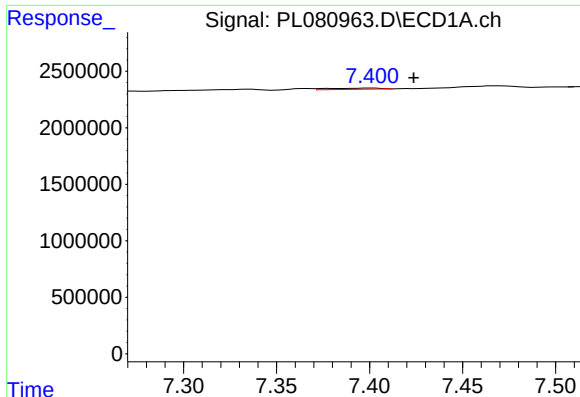
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.294 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

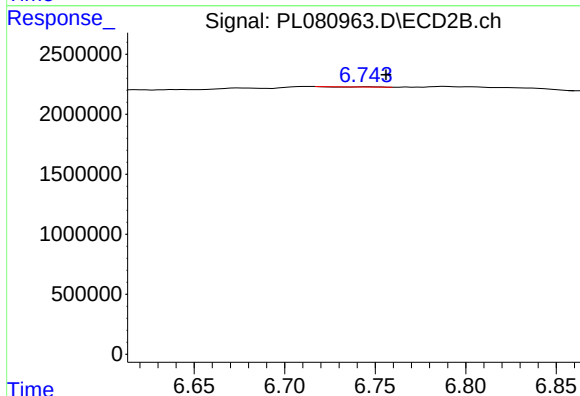
R.T.: 6.546 min  
Delta R.T.: 0.010 min  
Response: 3384  
Conc: 0.00 ng/ml



#21 Endrin ketone

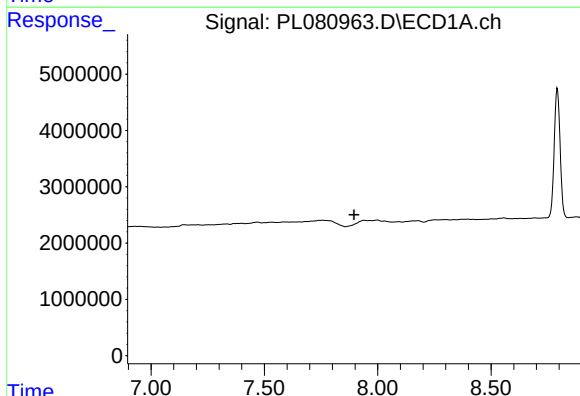
R.T.: 7.401 min  
Delta R.T.: -0.022 min  
Response: 202514  
Conc: 0.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



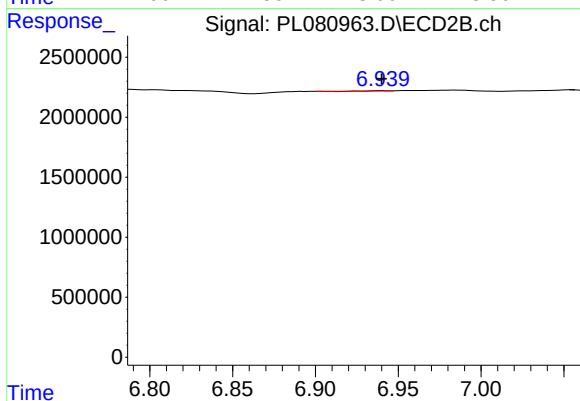
#21 Endrin ketone

R.T.: 6.745 min  
Delta R.T.: -0.011 min  
Response: 4070  
Conc: 0.00 ng/ml



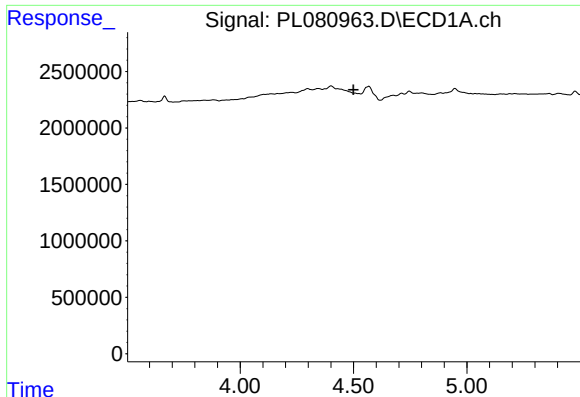
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.896 min  
Response: 0  
Conc: N.D.



#22 Mirex

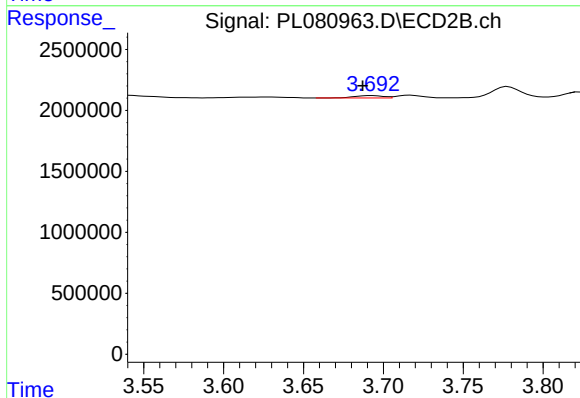
R.T.: 6.941 min  
Delta R.T.: 0.000 min  
Response: 2573  
Conc: 0.00 ng/ml



#23 Chlordane-1

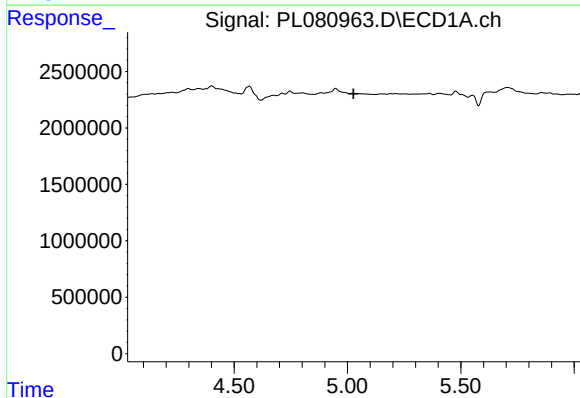
R.T.: 0.000 min  
Exp R.T.: 4.500 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



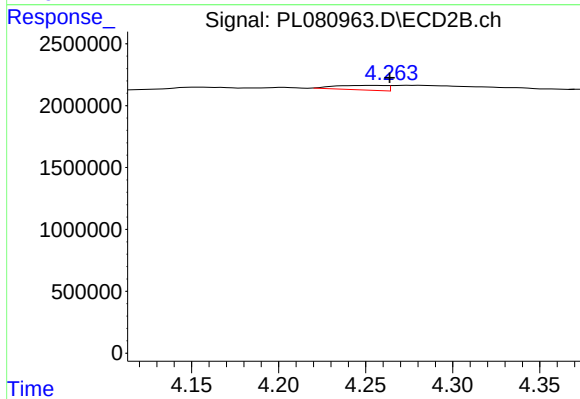
#23 Chlordane-1

R.T.: 3.693 min  
Delta R.T.: 0.006 min  
Response: 242764  
Conc: 2.98 ng/ml



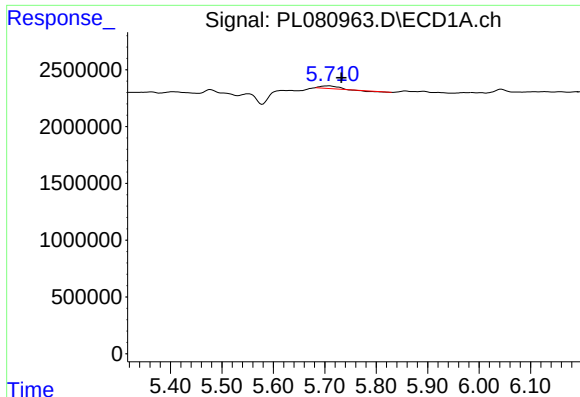
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.027 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

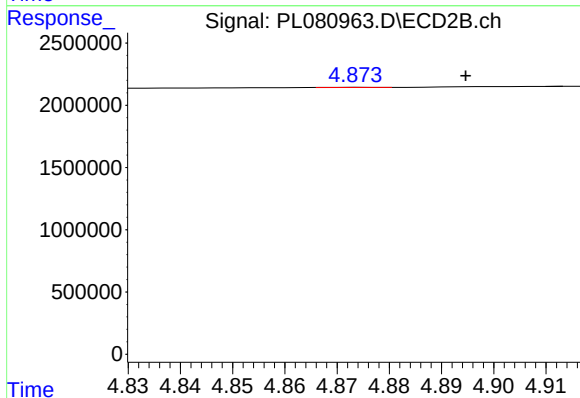
R.T.: 4.256 min  
Delta R.T.: -0.008 min  
Response: 741932  
Conc: 8.23 ng/ml



#25 Chlordane-3

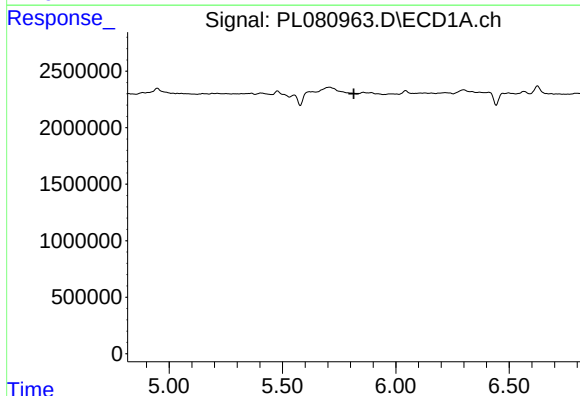
R.T.: 5.709 min  
Delta R.T.: -0.023 min  
Response: 481913  
Conc: 1.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



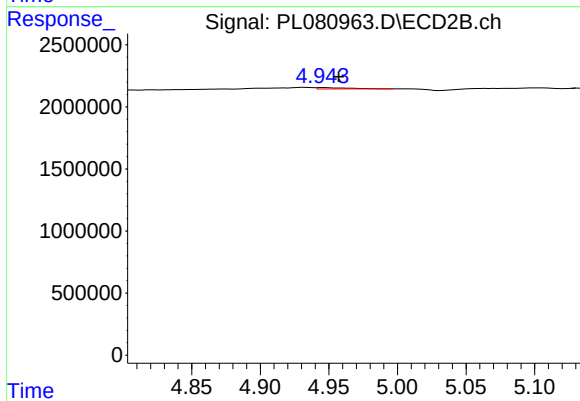
#25 Chlordane-3

R.T.: 4.874 min  
Delta R.T.: -0.020 min  
Response: 5864  
Conc: 0.02 ng/ml



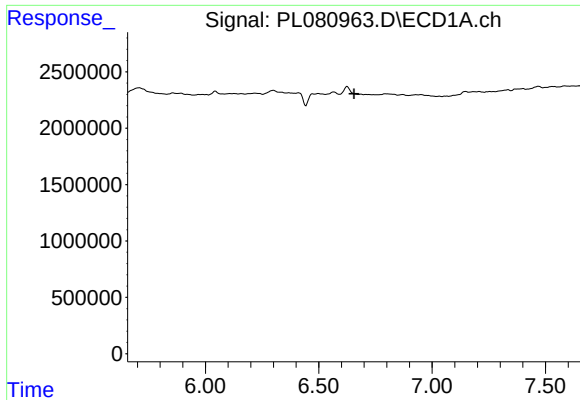
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.815 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

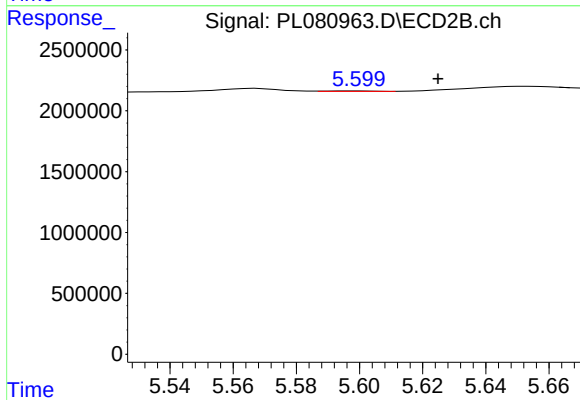
R.T.: 4.945 min  
Delta R.T.: -0.012 min  
Response: 169568  
Conc: 0.63 ng/ml



#27 Chlordane-5

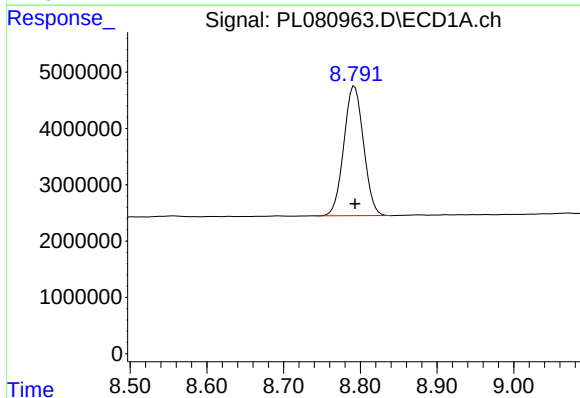
R.T.: 0.000 min  
Exp R.T.: 6.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



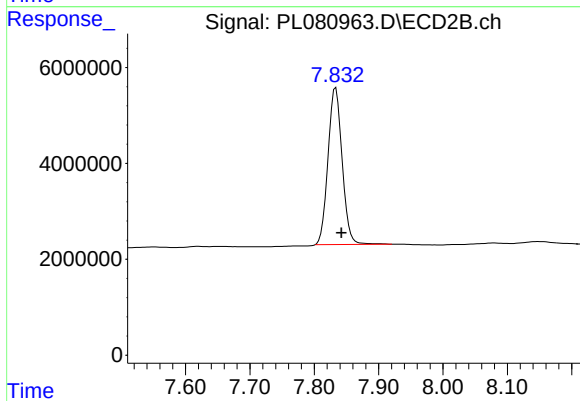
#27 Chlordane-5

R.T.: 5.600 min  
Delta R.T.: -0.025 min  
Response: 39027  
Conc: 0.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.792 min  
Delta R.T.: 0.000 min  
Response: 41320963  
Conc: 23.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.833 min  
Delta R.T.: -0.009 min  
Response: 49987880  
Conc: 20.98 ng/ml