

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040723\  
 Data File : PL081916.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Apr 2023 23:07  
 Operator : AR\AJ  
 Sample : 02230-01  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 08 07:08:17 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 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... | 3.326  | 2.654  | 24732610 | 22924714 | 10.634 | 11.484   |
| 28)                         | SA Decachlor... | 8.745  | 7.769  | 21374428 | 23017035 | 11.943 | 11.606   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.809f | 3.170f | 1103181  | 11279    | 0.322  | 0.004 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.497  | 0        | 56105    | N.D.   | 0.020 #  |
| 4)                          | MA Heptachlor   | 4.681  | 3.812  | 1262052  | 1421439  | 0.400  | 0.496    |
| 5)                          | MB Aldrin       | 5.017  | 4.089  | 5544264  | 3401215  | 1.938  | 1.277 #  |
| 6)                          | B beta-BHC      | 4.304  | 3.785  | 794438   | -96359   | 0.528  | N.D. #   |
| 7)                          | B delta-BHC     | 4.542f | 3.991f | 778459   | -104686  | 0.256  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.468  | 4.593  | 1016486  | 271201   | 0.374  | 0.112 #  |
| 9)                          | A Endosulfan I  | 0.000  | 4.987f | 0        | 260816   | N.D.   | 0.118 #  |
| 10)                         | B gamma-Chl...  | 5.701  | 4.862f | 3322769  | 5698154  | 1.266  | 2.345 #  |
| 11)                         | B alpha-Chl...  | 5.782  | 4.901  | 6334255  | 3251585  | 2.447  | 1.339 #  |
| 12)                         | B 4,4'-DDE      | 5.956  | 5.093  | 1215794  | 1136386  | 0.539  | 0.577    |
| 13)                         | MA Dieldrin     | 6.110  | 5.227  | 399606   | 406871   | 0.165  | 0.181    |
| 14)                         | MA Endrin       | 0.000  | 5.508  | 0        | 118183   | N.D.   | 0.058 #  |
| 15)                         | B Endosulfa...  | 6.547  | 5.793  | 224397   | 871911   | 0.106  | 0.481 #  |
| 16)                         | A 4,4'-DDD      | 6.476  | 5.649  | 263708   | 25015    | 0.146  | 0.016 #  |
| 17)                         | MA 4,4'-DDT     | 6.782  | 5.894  | 1037823  | 967089   | 0.511  | 0.561    |
| 18)                         | B Endrin al...  | 0.000  | 5.984  | 0        | 215732   | N.D.   | 0.139 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.191  | 0        | 87176    | N.D.   | 0.045 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.729f | 0        | 85015    | N.D.   | 0.040 #  |
| 22)                         | Mirex           | 0.000  | 6.899f | 0        | 105543   | N.D.   | 0.055 #  |
| 23)                         | Chlordane-1     | 4.468  | 3.639  | 1573984  | 2001770  | 15.832 | 25.989 # |
| 24)                         | Chlordane-2     | 5.017f | 4.214  | 5544264  | 2214378  | 53.271 | 23.704 # |
| 25)                         | Chlordane-3     | 5.701  | 4.862  | 3322769  | 5698154  | 8.388  | 22.623 # |
| 26)                         | Chlordane-4     | 5.782  | 4.901  | 6334255  | 3251585  | 13.236 | 12.414   |
| 27)                         | Chlordane-5     | 6.621  | 5.567  | 1272006  | 318350   | 14.980 | 4.770 #  |
| -----                       |                 |        |        |          |          |        |          |

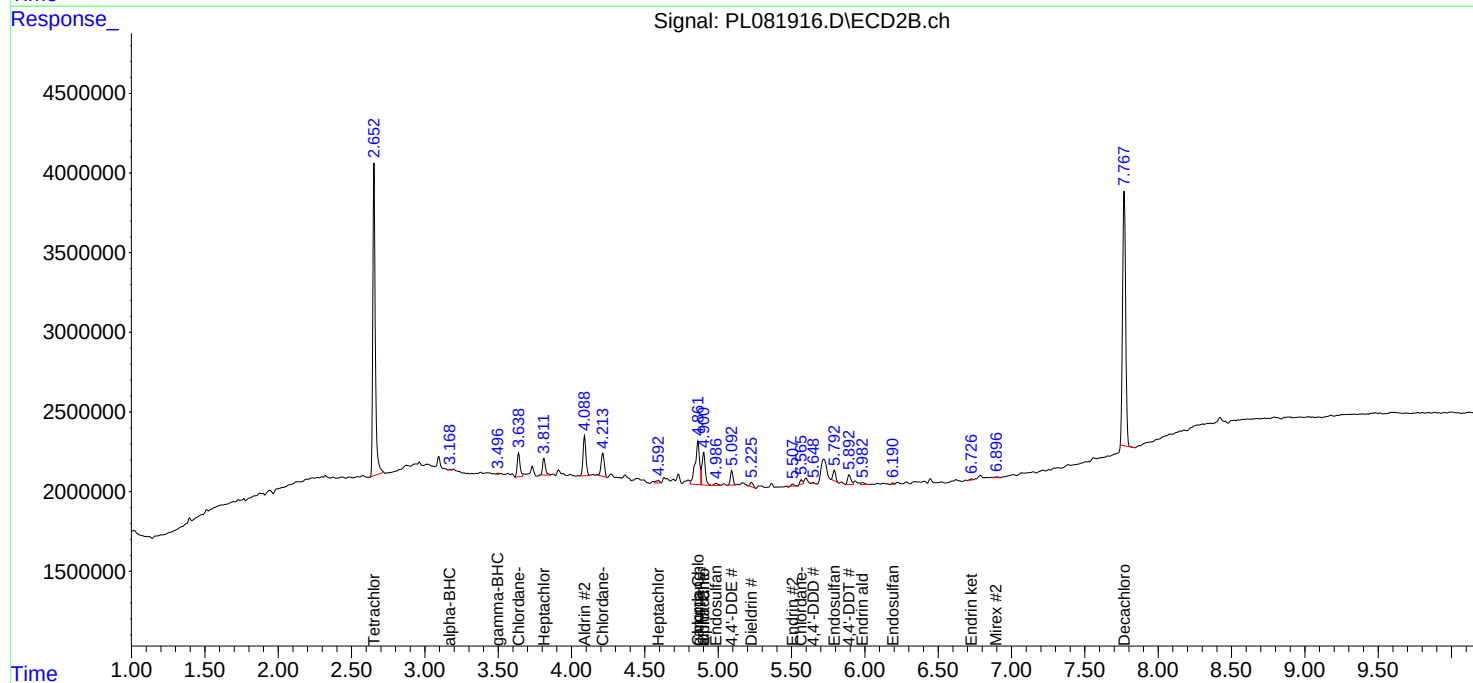
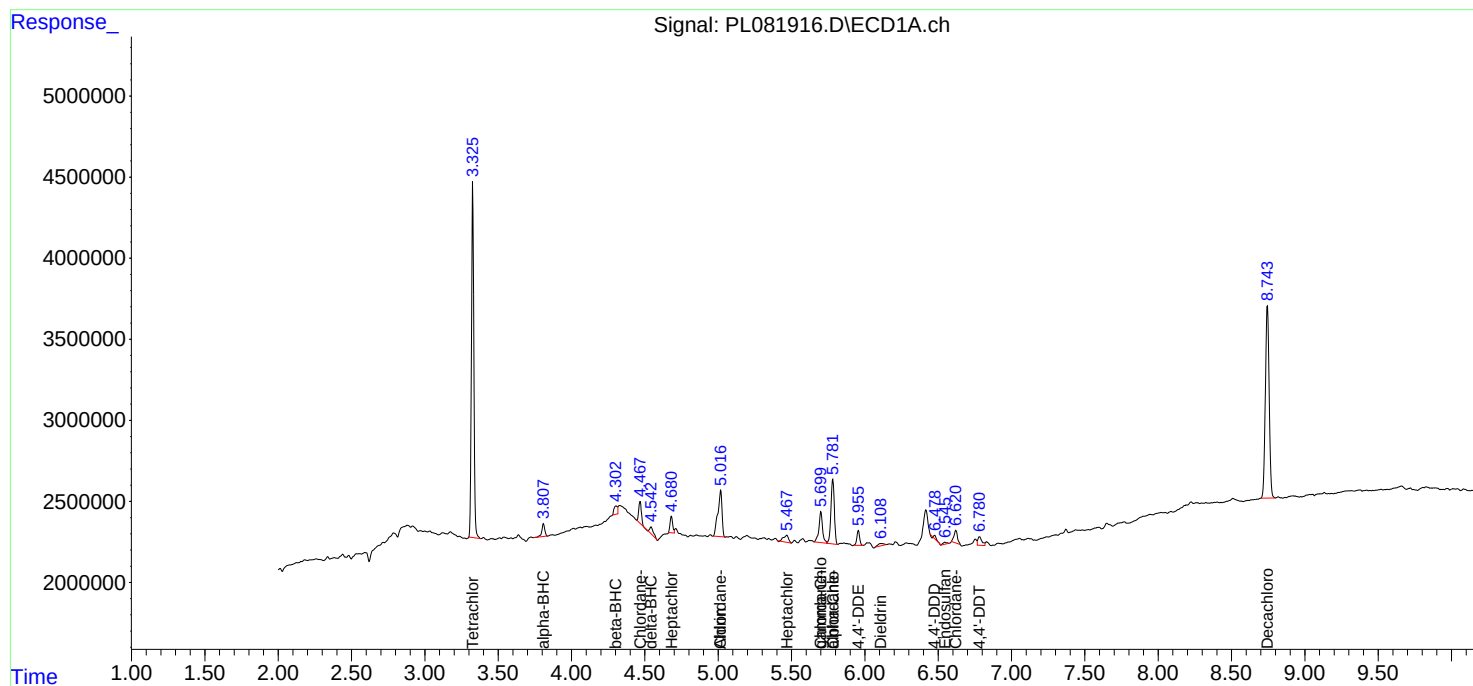
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

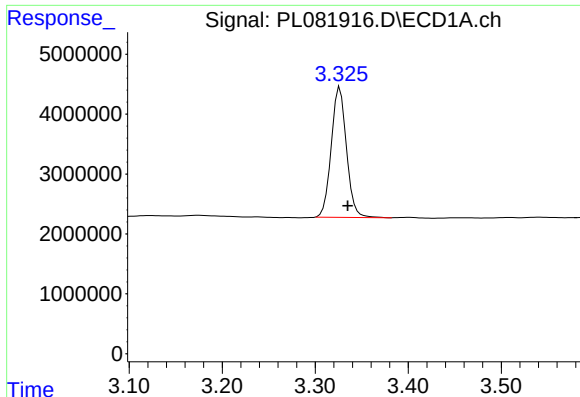
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040723\  
Data File : PL081916.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Apr 2023 23:07  
Operator : AR\AJ  
Sample : 02230-01  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 08 07:08:17 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 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

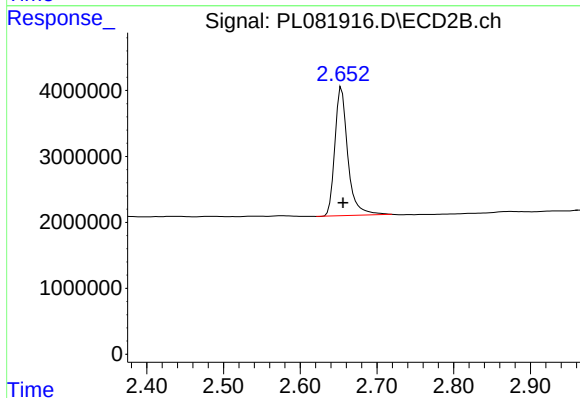




#1 Tetrachloro-m-xylene

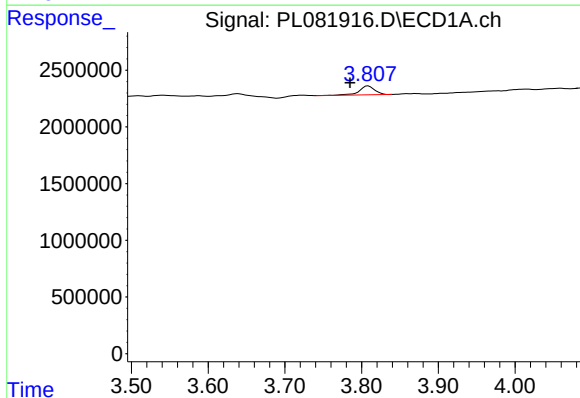
R.T.: 3.326 min  
Delta R.T.: -0.009 min  
Response: 24732610  
Conc: 10.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



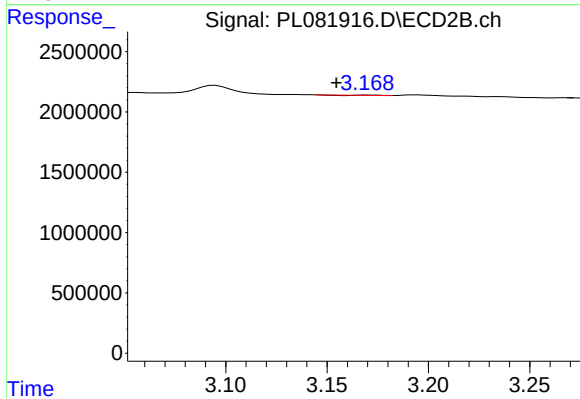
#1 Tetrachloro-m-xylene

R.T.: 2.654 min  
Delta R.T.: -0.002 min  
Response: 22924714  
Conc: 11.48 ng/ml



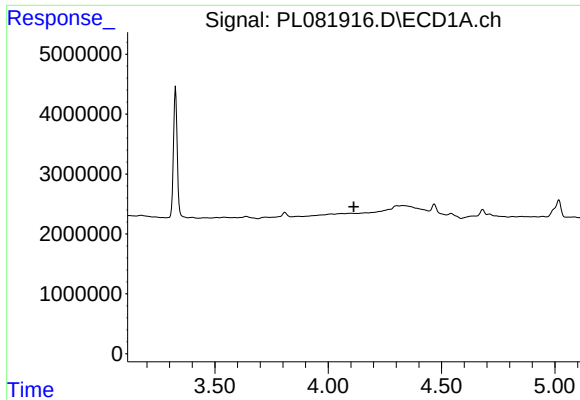
#2 alpha-BHC

R.T.: 3.809 min  
Delta R.T.: 0.024 min  
Response: 1103181  
Conc: 0.32 ng/ml



#2 alpha-BHC

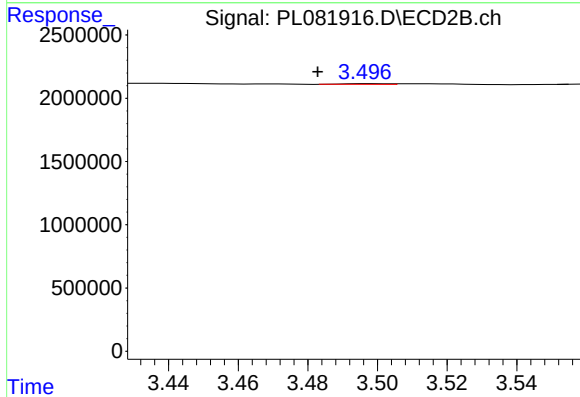
R.T.: 3.170 min  
Delta R.T.: 0.015 min  
Response: 11279  
Conc: 0.00 ng/ml



#3 gamma-BHC (Lindane)

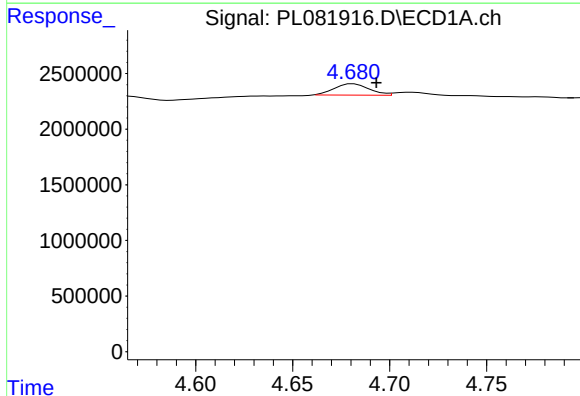
R.T.: 0.000 min  
Exp R.T.: 4.113 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



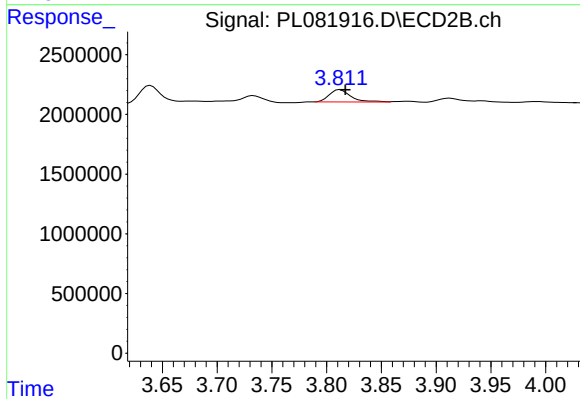
#3 gamma-BHC (Lindane)

R.T.: 3.497 min  
Delta R.T.: 0.014 min  
Response: 56105  
Conc: 0.02 ng/ml



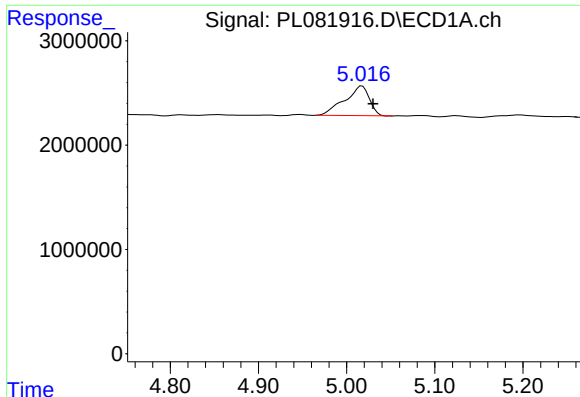
#4 Heptachlor

R.T.: 4.681 min  
Delta R.T.: -0.012 min  
Response: 1262052  
Conc: 0.40 ng/ml



#4 Heptachlor

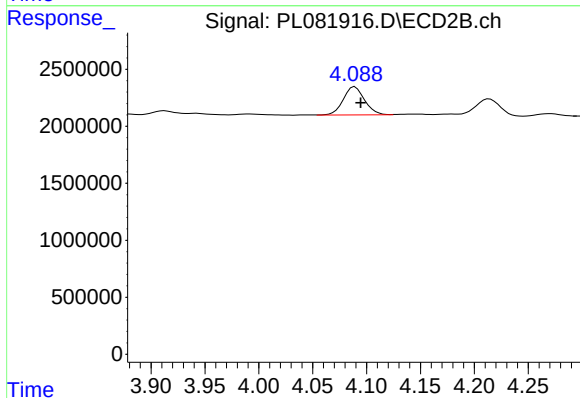
R.T.: 3.812 min  
Delta R.T.: -0.005 min  
Response: 1421439  
Conc: 0.50 ng/ml



#5 Aldrin

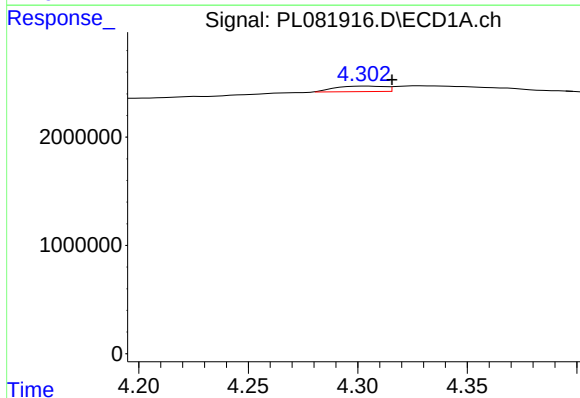
R.T.: 5.017 min  
Delta R.T.: -0.012 min  
Response: 5544264  
Conc: 1.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



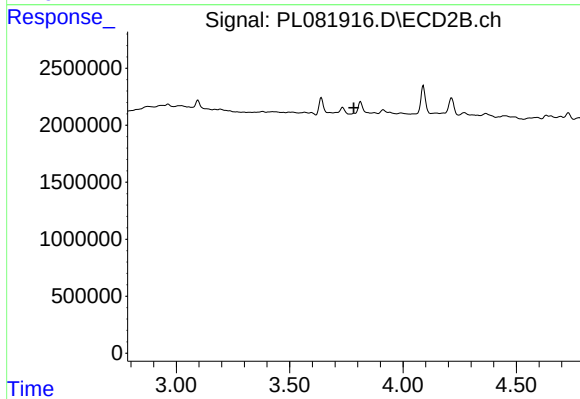
#5 Aldrin

R.T.: 4.089 min  
Delta R.T.: -0.005 min  
Response: 3401215  
Conc: 1.28 ng/ml



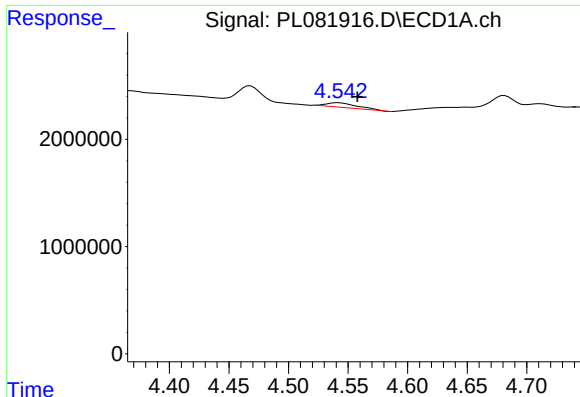
#6 beta-BHC

R.T.: 4.304 min  
Delta R.T.: -0.012 min  
Response: 794438  
Conc: 0.53 ng/ml



#6 beta-BHC

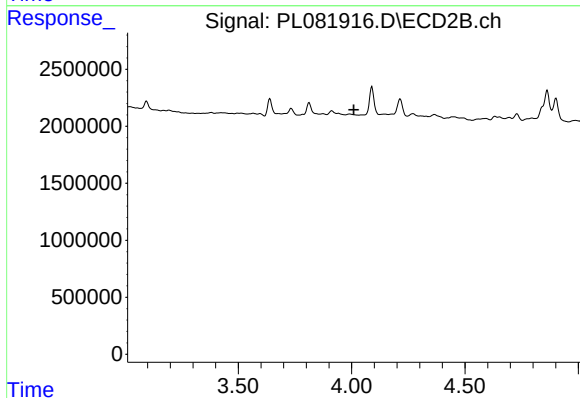
R.T.: 3.785 min  
Delta R.T.: 0.003 min  
Response: -96359  
Conc: N.D.



#7 delta-BHC

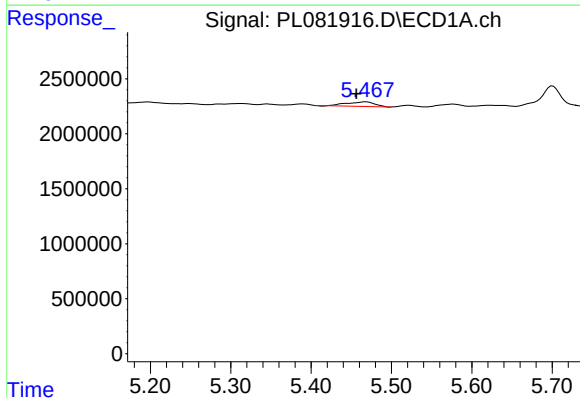
R.T.: 4.542 min  
Delta R.T.: -0.016 min  
Response: 778459  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



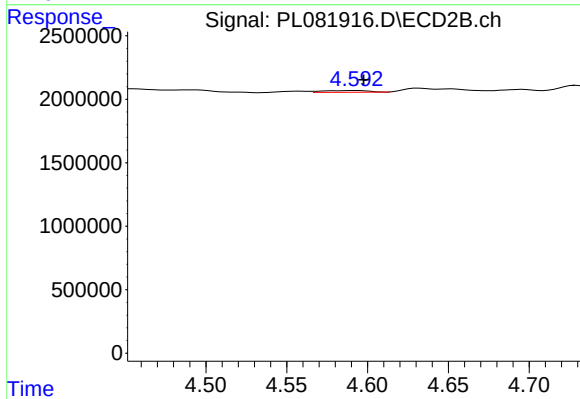
#7 delta-BHC

R.T.: 3.991 min  
Delta R.T.: -0.019 min  
Response: -104686  
Conc: N.D.



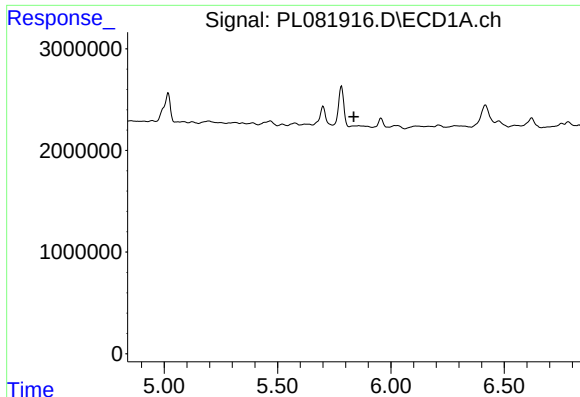
#8 Heptachlor epoxide

R.T.: 5.468 min  
Delta R.T.: 0.012 min  
Response: 1016486  
Conc: 0.37 ng/ml



#8 Heptachlor epoxide

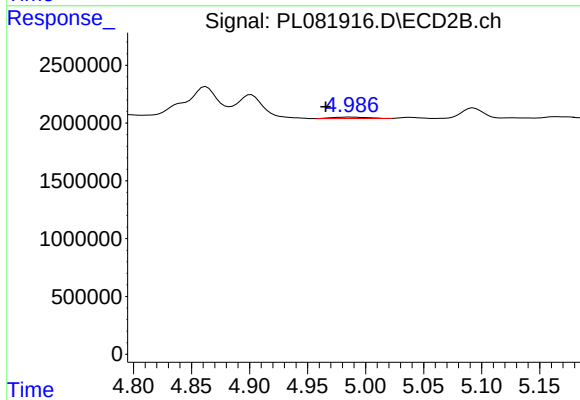
R.T.: 4.593 min  
Delta R.T.: -0.005 min  
Response: 271201  
Conc: 0.11 ng/ml



#9 Endosulfan I

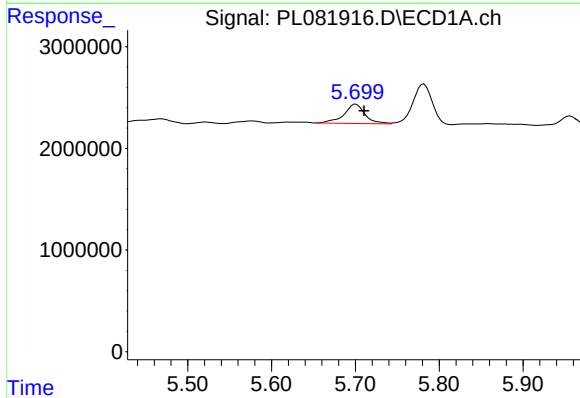
R.T.: 0.000 min  
Exp R.T.: 5.836 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



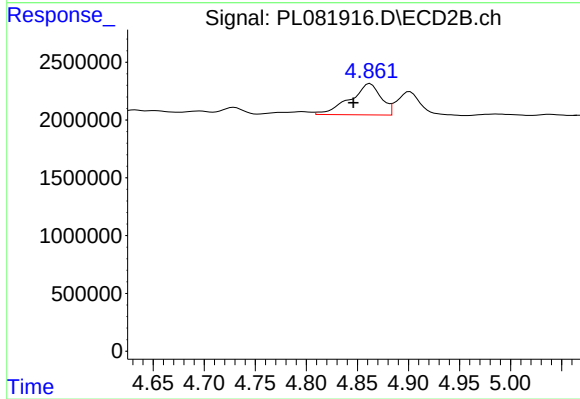
#9 Endosulfan I

R.T.: 4.987 min  
Delta R.T.: 0.022 min  
Response: 260816  
Conc: 0.12 ng/ml



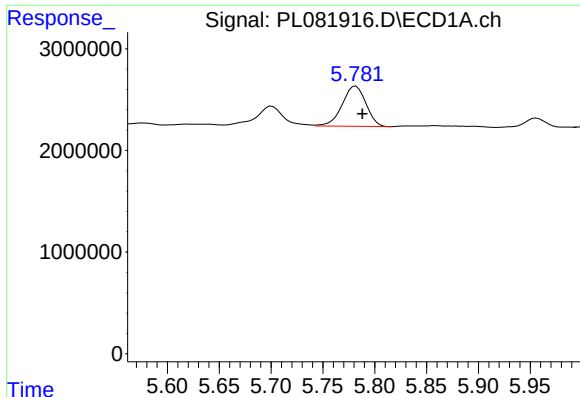
#10 gamma-Chlordane

R.T.: 5.701 min  
Delta R.T.: -0.010 min  
Response: 3322769  
Conc: 1.27 ng/ml



#10 gamma-Chlordane

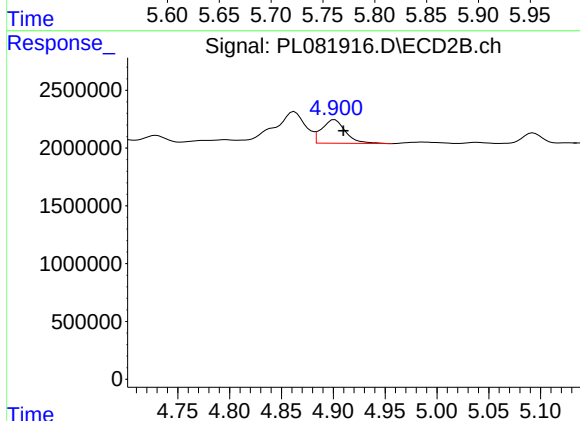
R.T.: 4.862 min  
Delta R.T.: 0.016 min  
Response: 5698154  
Conc: 2.34 ng/ml



#11 alpha-Chlordane

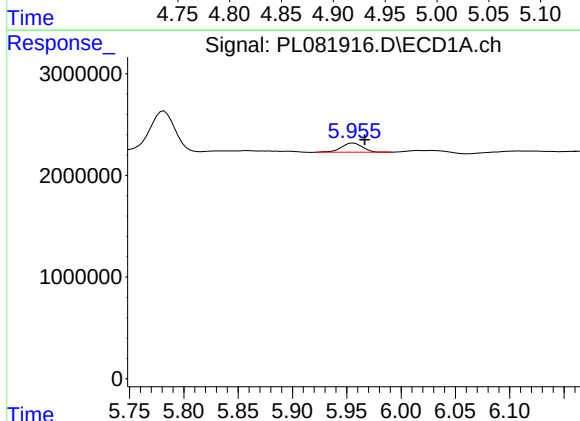
R.T.: 5.782 min  
Delta R.T.: -0.006 min  
Response: 6334255  
Conc: 2.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



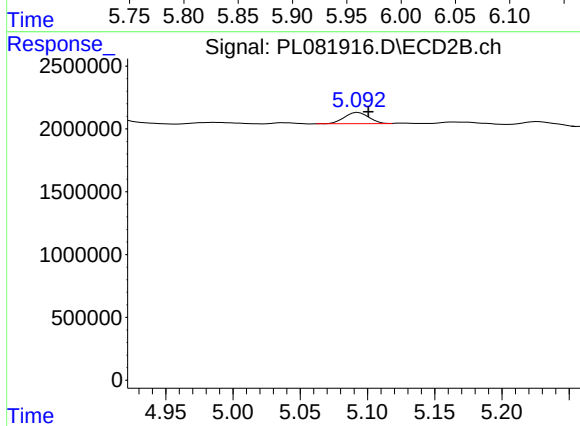
#11 alpha-Chlordane

R.T.: 4.901 min  
Delta R.T.: -0.008 min  
Response: 3251585  
Conc: 1.34 ng/ml



#12 4,4'-DDE

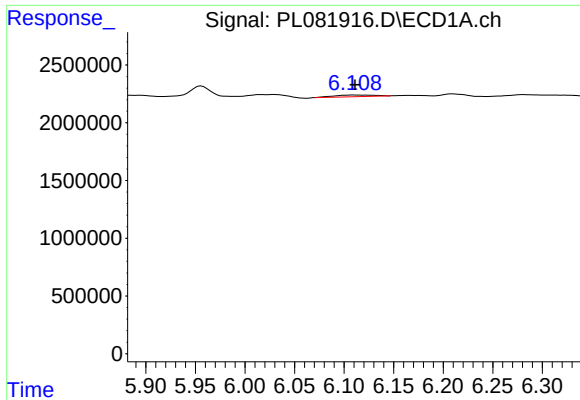
R.T.: 5.956 min  
Delta R.T.: -0.011 min  
Response: 1215794  
Conc: 0.54 ng/ml



#12 4,4'-DDE

R.T.: 5.093 min  
Delta R.T.: -0.008 min  
Response: 1136386  
Conc: 0.58 ng/ml

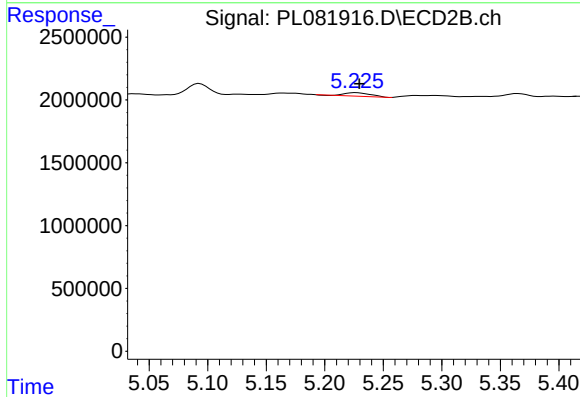




#13 Dieldrin

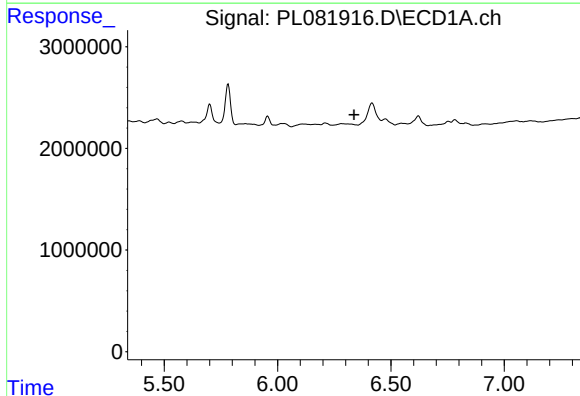
R.T.: 6.110 min  
Delta R.T.: -0.001 min  
Response: 399606  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



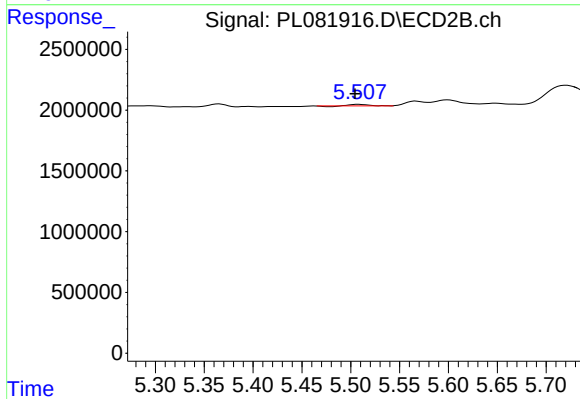
#13 Dieldrin

R.T.: 5.227 min  
Delta R.T.: -0.003 min  
Response: 406871  
Conc: 0.18 ng/ml



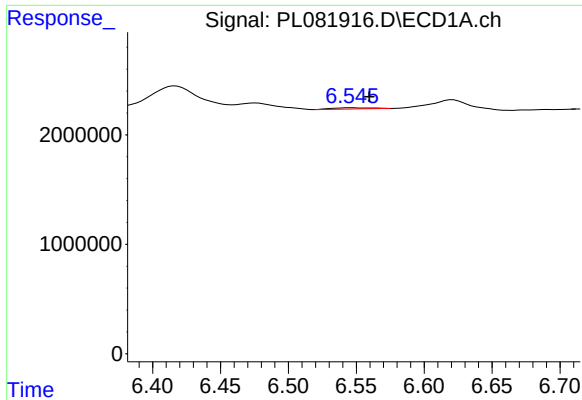
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.338 min  
Response: 0  
Conc: N.D.



#14 Endrin

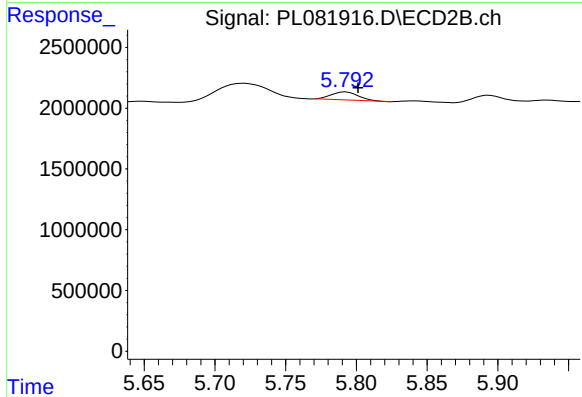
R.T.: 5.508 min  
Delta R.T.: 0.003 min  
Response: 118183  
Conc: 0.06 ng/ml



#15 Endosulfan II

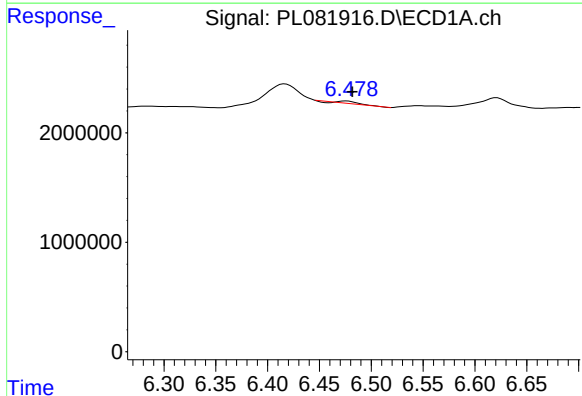
R.T.: 6.547 min  
Delta R.T.: -0.013 min  
Response: 224397  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



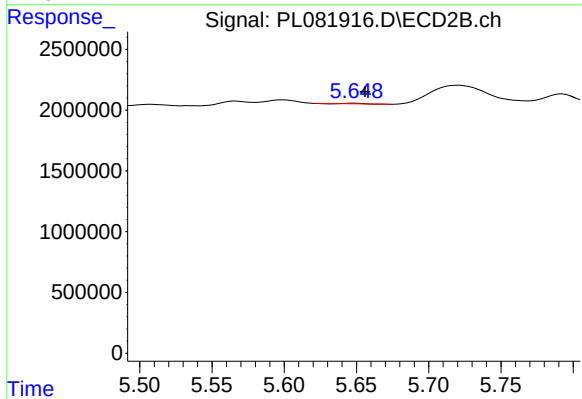
#15 Endosulfan II

R.T.: 5.793 min  
Delta R.T.: -0.009 min  
Response: 871911  
Conc: 0.48 ng/ml



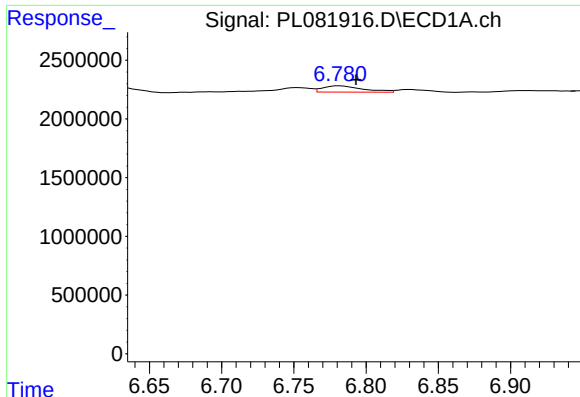
#16 4,4'-DDD

R.T.: 6.476 min  
Delta R.T.: -0.006 min  
Response: 263708  
Conc: 0.15 ng/ml



#16 4,4'-DDD

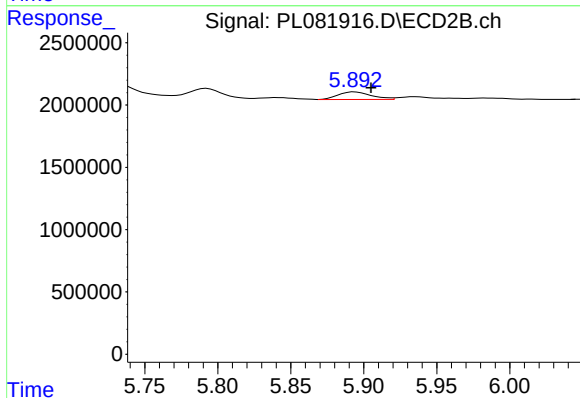
R.T.: 5.649 min  
Delta R.T.: -0.007 min  
Response: 25015  
Conc: 0.02 ng/ml



#17 4,4'-DDT

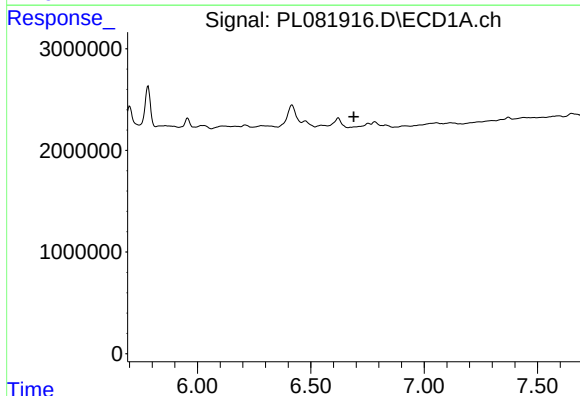
R.T.: 6.782 min  
Delta R.T.: -0.011 min  
Response: 1037823  
Conc: 0.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



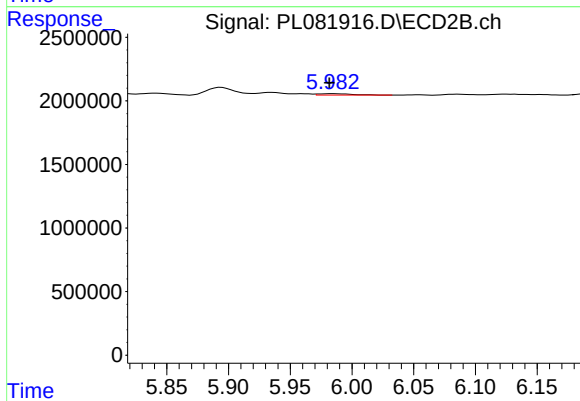
#17 4,4'-DDT

R.T.: 5.894 min  
Delta R.T.: -0.011 min  
Response: 967089  
Conc: 0.56 ng/ml



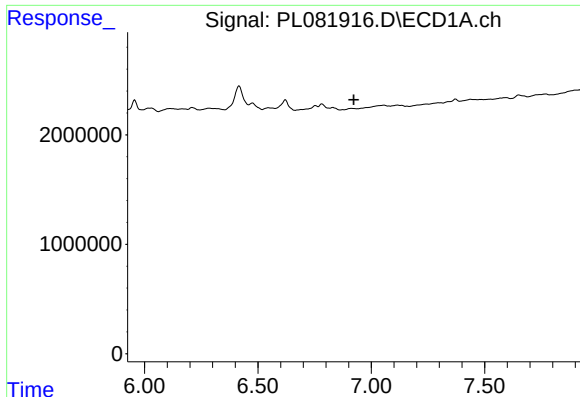
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.690 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

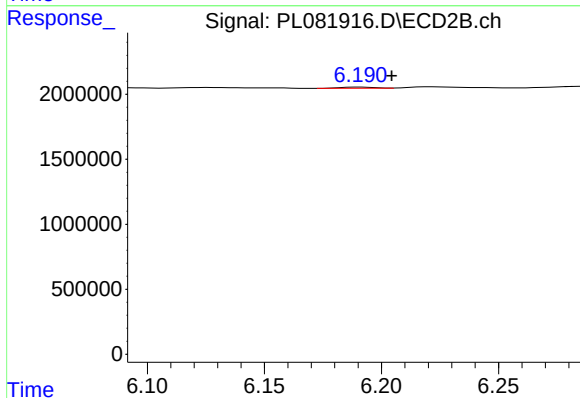
R.T.: 5.984 min  
Delta R.T.: 0.002 min  
Response: 215732  
Conc: 0.14 ng/ml



#19 Endosulfan Sulfate

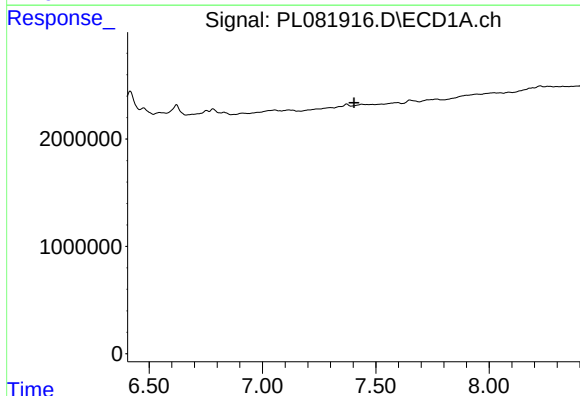
R.T.: 0.000 min  
Exp R.T.: 6.924 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



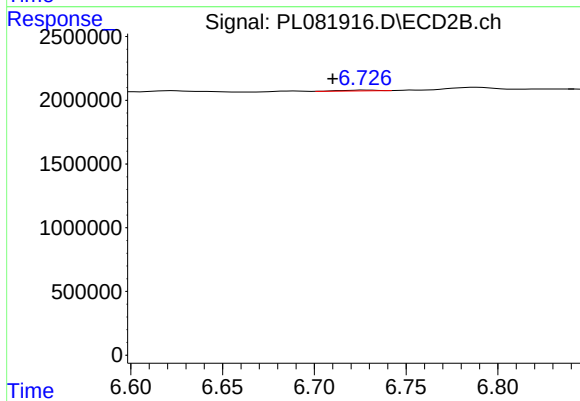
#19 Endosulfan Sulfate

R.T.: 6.191 min  
Delta R.T.: -0.014 min  
Response: 87176  
Conc: 0.04 ng/ml



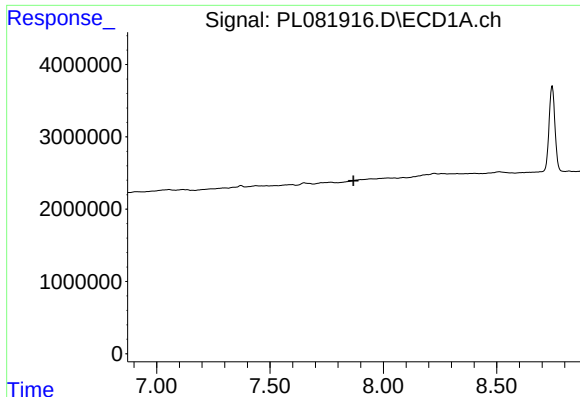
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.404 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

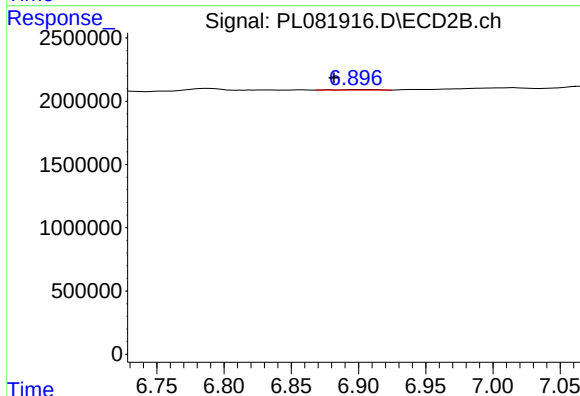
R.T.: 6.729 min  
Delta R.T.: 0.018 min  
Response: 85015  
Conc: 0.04 ng/ml



#22 Mirex

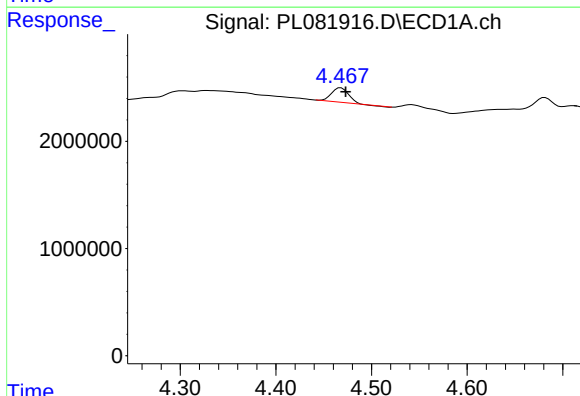
R.T.: 0.000 min  
Exp R.T.: 7.869 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



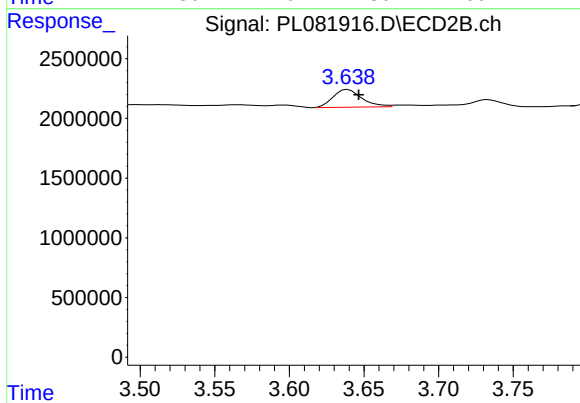
#22 Mirex

R.T.: 6.899 min  
Delta R.T.: 0.017 min  
Response: 105543  
Conc: 0.05 ng/ml



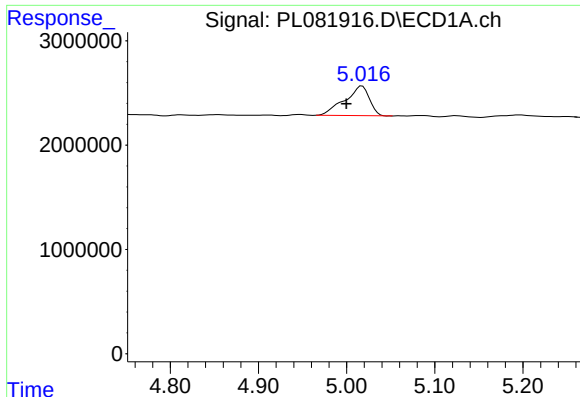
#23 Chlordane-1

R.T.: 4.468 min  
Delta R.T.: -0.005 min  
Response: 1573984  
Conc: 15.83 ng/ml



#23 Chlordane-1

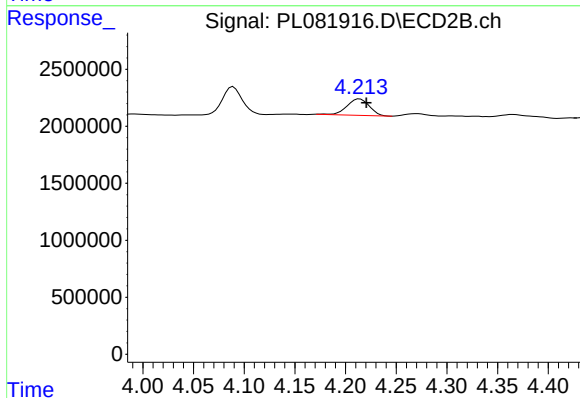
R.T.: 3.639 min  
Delta R.T.: -0.007 min  
Response: 2001770  
Conc: 25.99 ng/ml



#24 Chlordane-2

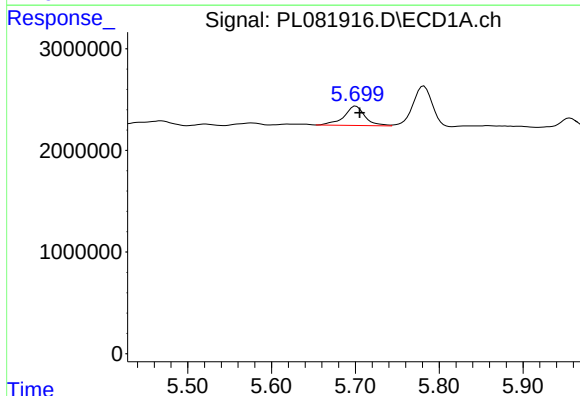
R.T.: 5.017 min  
Delta R.T.: 0.018 min  
Response: 5544264  
Conc: 53.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



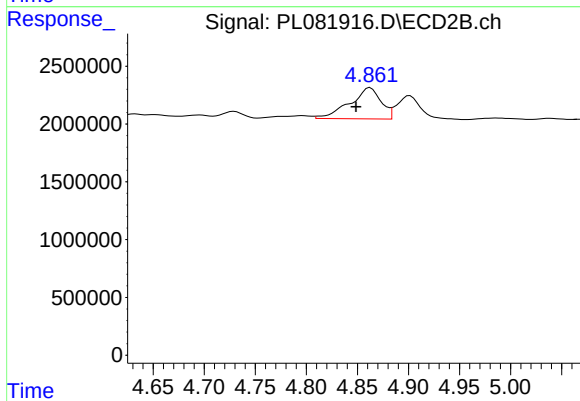
#24 Chlordane-2

R.T.: 4.214 min  
Delta R.T.: -0.007 min  
Response: 2214378  
Conc: 23.70 ng/ml



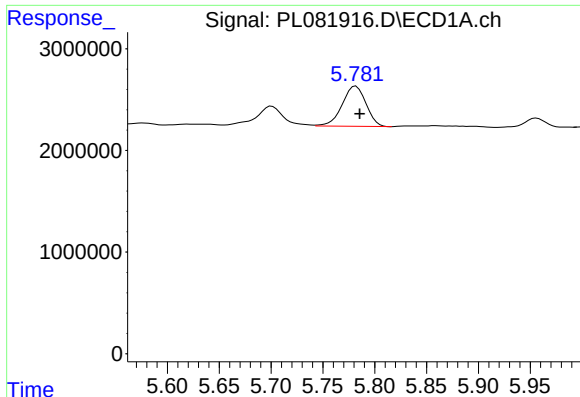
#25 Chlordane-3

R.T.: 5.701 min  
Delta R.T.: -0.004 min  
Response: 3322769  
Conc: 8.39 ng/ml



#25 Chlordane-3

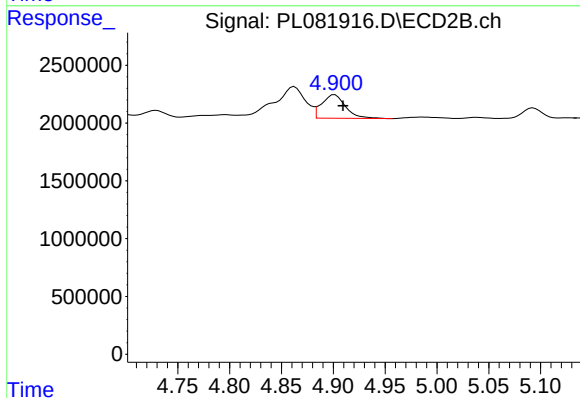
R.T.: 4.862 min  
Delta R.T.: 0.014 min  
Response: 5698154  
Conc: 22.62 ng/ml



#26 Chlordane-4

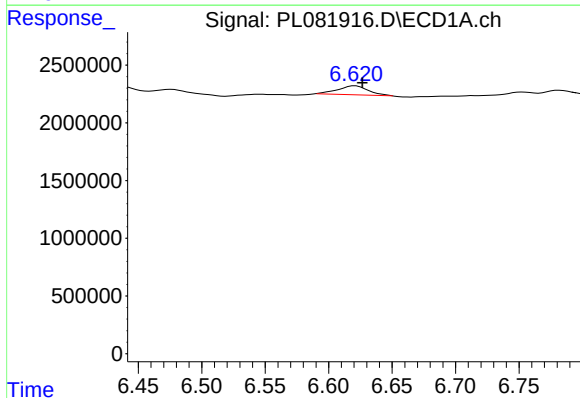
R.T.: 5.782 min  
Delta R.T.: -0.004 min  
Response: 6334255  
Conc: 13.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



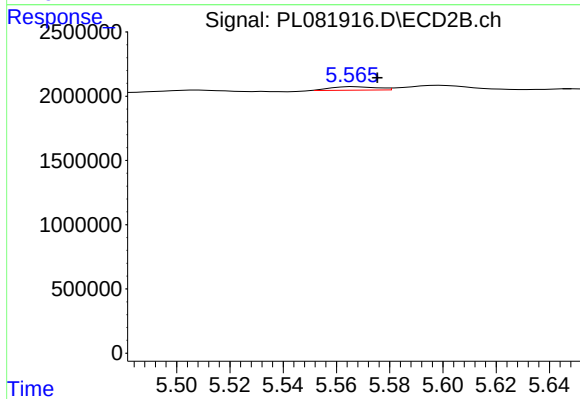
#26 Chlordane-4

R.T.: 4.901 min  
Delta R.T.: -0.008 min  
Response: 3251585  
Conc: 12.41 ng/ml



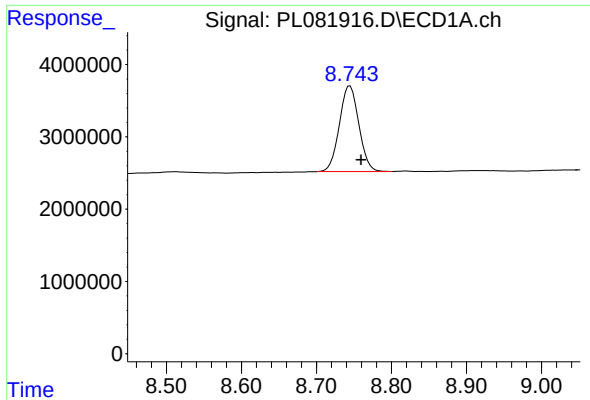
#27 Chlordane-5

R.T.: 6.621 min  
Delta R.T.: -0.006 min  
Response: 1272006  
Conc: 14.98 ng/ml



#27 Chlordane-5

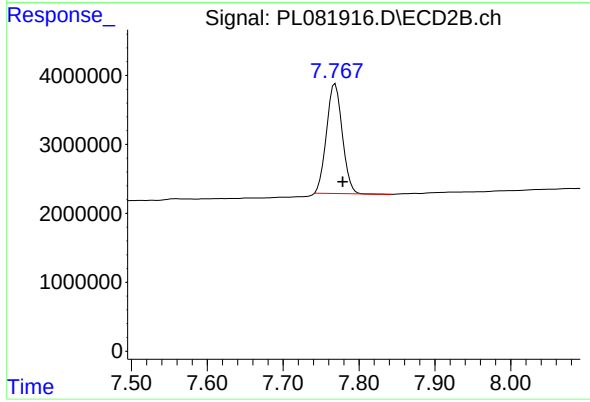
R.T.: 5.567 min  
Delta R.T.: -0.009 min  
Response: 318350  
Conc: 4.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.745 min  
Delta R.T.: -0.015 min  
Response: 21374428  
Conc: 11.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.769 min  
Delta R.T.: -0.010 min  
Response: 23017035  
Conc: 11.61 ng/ml