

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010323\  
 Data File : PL080021.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jan 2023 09:40  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 03 20:24:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 30 05:17:19 2022  
 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... | 3.367  | 2.696  | 30442531 | 43629366 | 21.945  | 23.745  |
| 28)                         | SA Decachlor... | 8.819  | 7.855  | 34171101 | 42653736 | 24.306  | 25.508  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.816  | 3.198  | 19934888 | 27274269 | 10.401  | 10.865  |
| 3)                          | MA gamma-BHC... | 4.145  | 3.526  | 19403776 | 26547238 | 11.130  | 11.114  |
| 4)                          | MA Heptachlor   | 0.000  | 3.884  | 0        | 46685    | N.D.    | 0.022 # |
| 5)                          | MB Aldrin       | 0.000  | 4.157  | 0        | 147857   | N.D.    | 0.065 # |
| 6)                          | B beta-BHC      | 4.340  | 3.822  | 10828297 | 13564858 | 12.785  | 12.644  |
| 7)                          | B delta-BHC     | 4.571  | 4.054  | 351262   | 103903   | 0.207   | 0.045 # |
| 8)                          | B Heptachlo...  | 5.497  | 4.662  | 157477   | 16719    | 0.096   | 0.008 # |
| 9)                          | A Endosulfan I  | 5.884  | 5.022  | 336120   | 595156   | 0.216   | 0.291 # |
| 10)                         | B gamma-Chl...  | 0.000  | 4.918  | 0        | 219644   | N.D.    | 0.102 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.977  | 0        | 16837    | N.D.    | 0.008 # |
| 12)                         | B 4,4'-DDE      | 5.982f | 5.167  | 681653   | 143673   | 0.462   | 0.079 # |
| 13)                         | MA Dieldrin     | 6.148  | 5.301  | 68081    | 549650   | 0.042   | 0.272 # |
| 14)                         | MA Endrin       | 6.380  | 5.563  | 77162710 | 93654619 | 58.831  | 60.510  |
| 16)                         | A 4,4'-DDD      | 6.524  | 5.718  | 1544934  | 1728667  | 1.232   | 1.135   |
| 17)                         | MA 4,4'-DDT     | 6.835  | 5.968  | 164.1E6  | 185.7E6  | 129.386 | 141.372 |
| 18)                         | B Endrin al...  | 6.729  | 6.039  | 2413081  | 5191144  | 2.207   | 3.858 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.270  | 0        | 199660   | N.D.    | 0.115 # |
| 20)                         | A Methoxychlor  | 7.315  | 6.548  | 222.2E6  | 242.7E6  | 313.478 | 315.197 |
| 21)                         | B Endrin ke...  | 7.444  | 6.765  | 4805960  | 7204320  | 3.170   | 3.903   |
| 22)                         | Mirex           | 0.000  | 6.977f | 0        | 33392    | N.D.    | 0.022 # |
| 23)                         | Chlordane-1     | 0.000  | 3.692  | 0        | 168816   | N.D.    | 2.683 # |
| 25)                         | Chlordane-3     | 0.000  | 4.918  | 0        | 219644   | N.D.    | 1.084 # |
| 26)                         | Chlordane-4     | 0.000  | 4.977  | 0        | 16837    | N.D.    | 0.084 # |
| 27)                         | Chlordane-5     | 6.640f | 0.000  | 1616181  | 0        | 29.853  | N.D. #  |
| -----                       |                 |        |        |          |          |         |         |

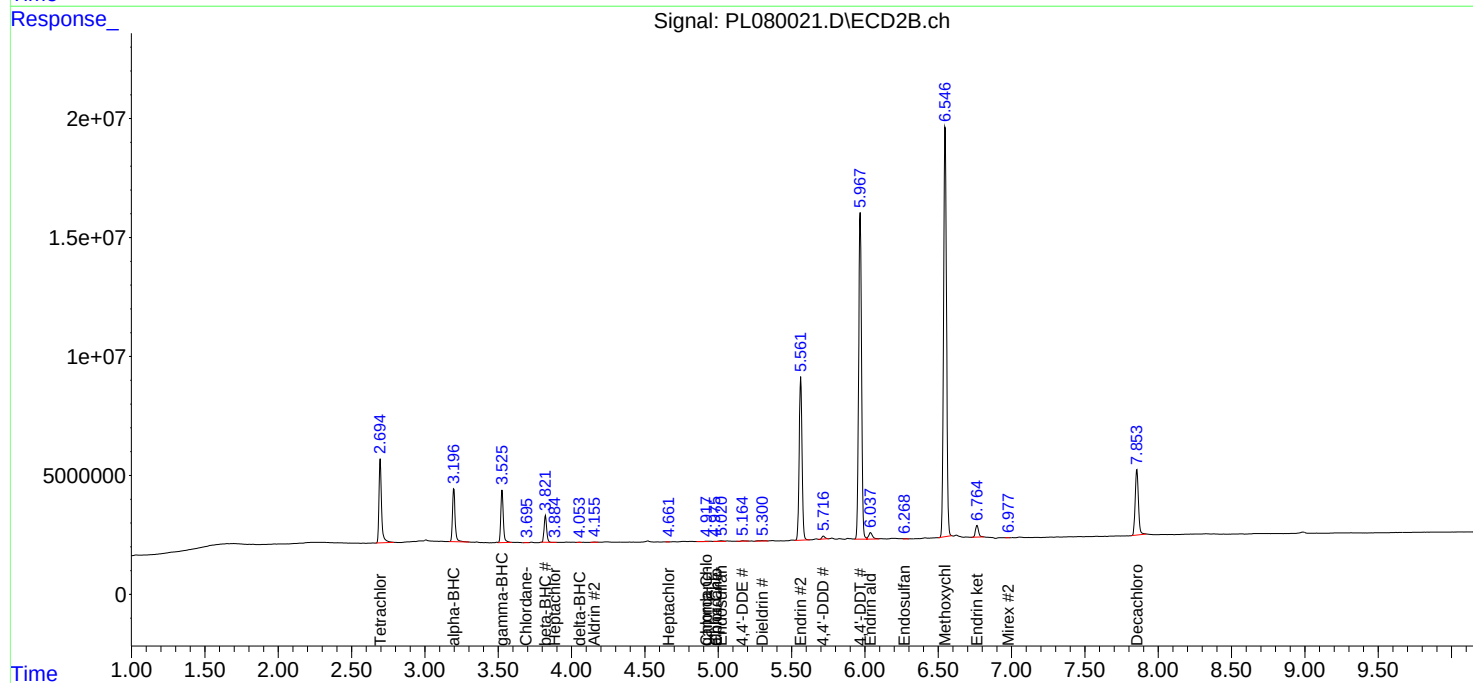
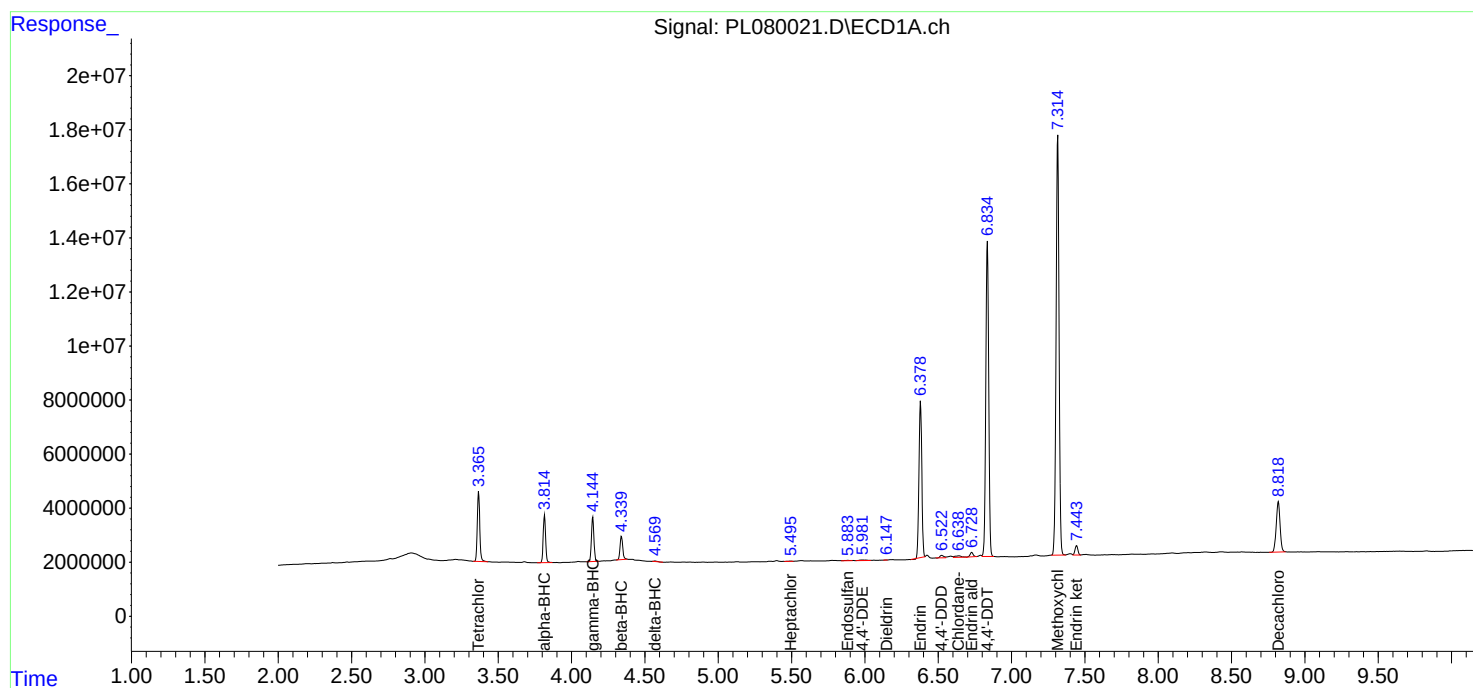
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

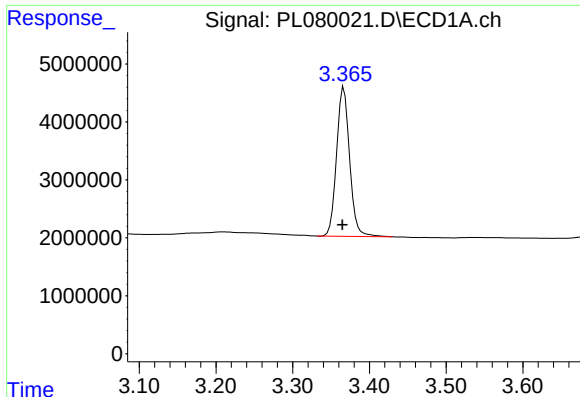
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010323\  
Data File : PL080021.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jan 2023 09:40  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 03 20:24:58 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 30 05:17:19 2022  
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

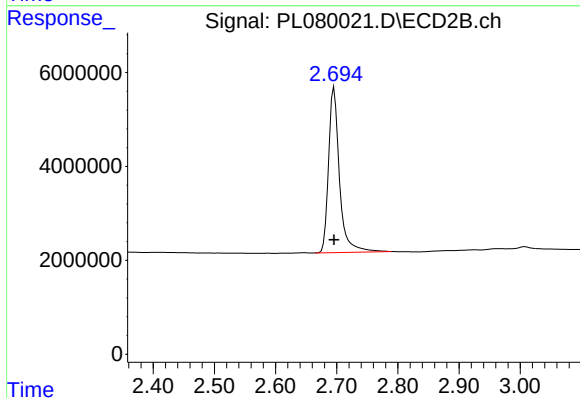




#1 Tetrachloro-m-xylene

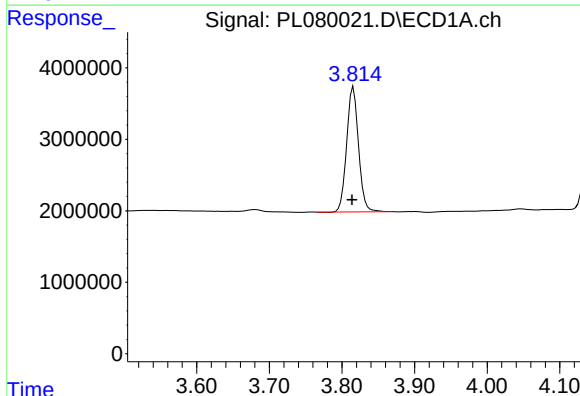
R.T.: 3.367 min  
Delta R.T.: 0.002 min  
Response: 30442531  
Conc: 21.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



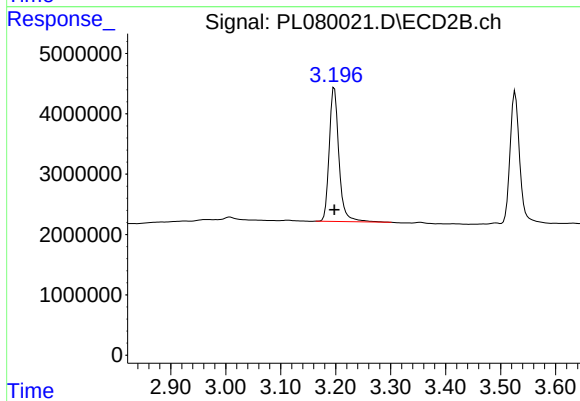
#1 Tetrachloro-m-xylene

R.T.: 2.696 min  
Delta R.T.: 0.000 min  
Response: 43629366  
Conc: 23.74 ng/ml



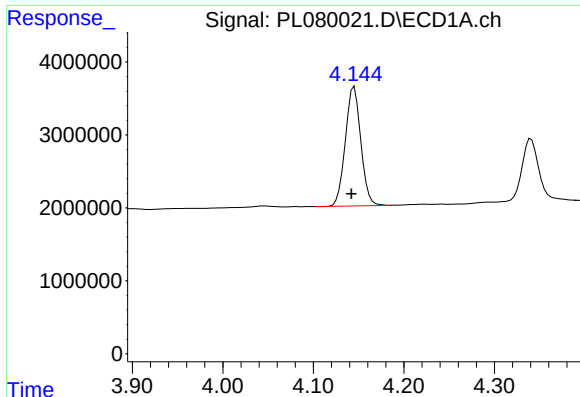
#2 alpha-BHC

R.T.: 3.816 min  
Delta R.T.: 0.002 min  
Response: 19934888  
Conc: 10.40 ng/ml



#2 alpha-BHC

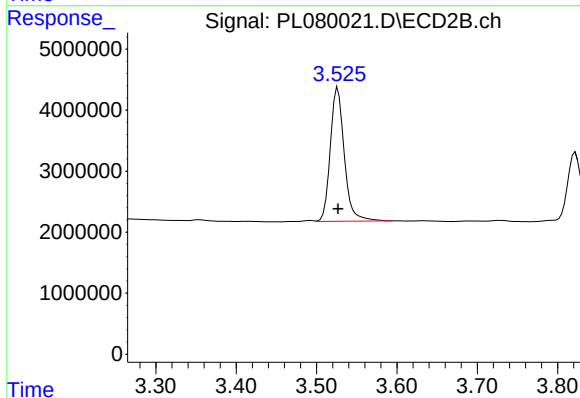
R.T.: 3.198 min  
Delta R.T.: 0.000 min  
Response: 27274269  
Conc: 10.87 ng/ml



#3 gamma-BHC (Lindane)

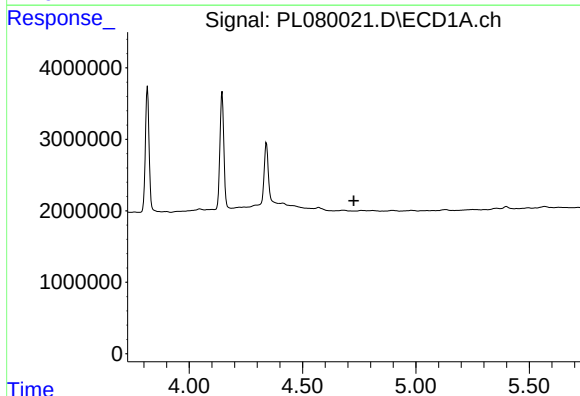
R.T.: 4.145 min  
Delta R.T.: 0.003 min  
Response: 19403776  
Conc: 11.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



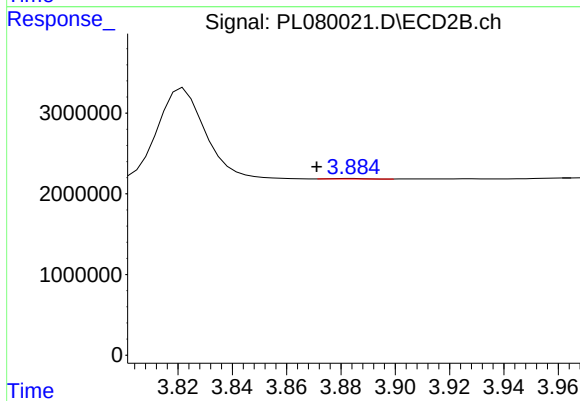
#3 gamma-BHC (Lindane)

R.T.: 3.526 min  
Delta R.T.: 0.000 min  
Response: 26547238  
Conc: 11.11 ng/ml



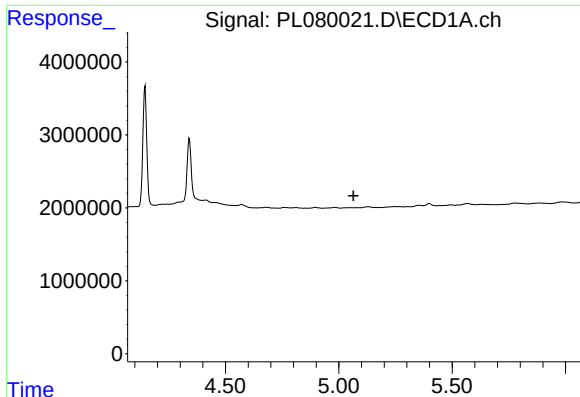
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.726 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

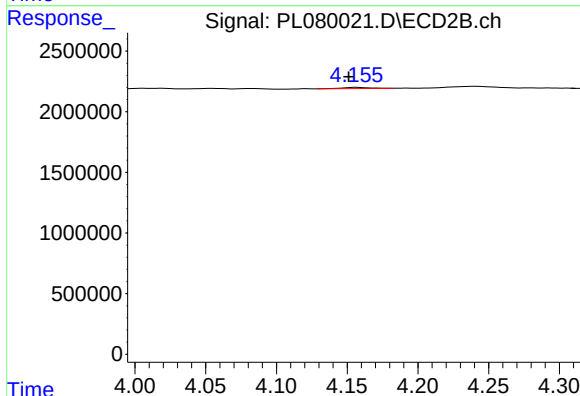
R.T.: 3.884 min  
Delta R.T.: 0.013 min  
Response: 46685  
Conc: 0.02 ng/ml



#5 Aldrin

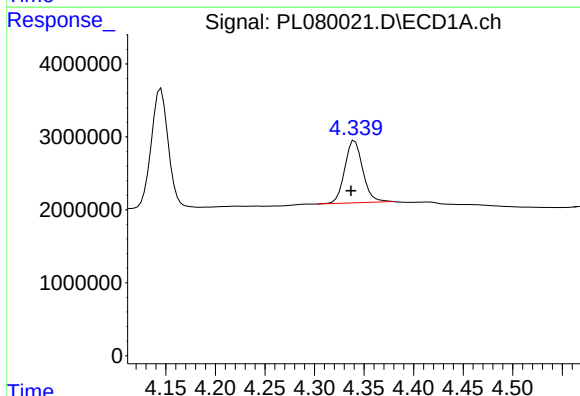
R.T.: 0.000 min  
Exp R.T.: 5.065 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



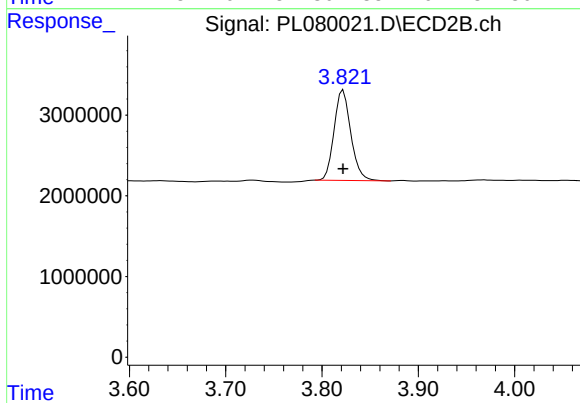
#5 Aldrin

R.T.: 4.157 min  
Delta R.T.: 0.006 min  
Response: 147857  
Conc: 0.06 ng/ml



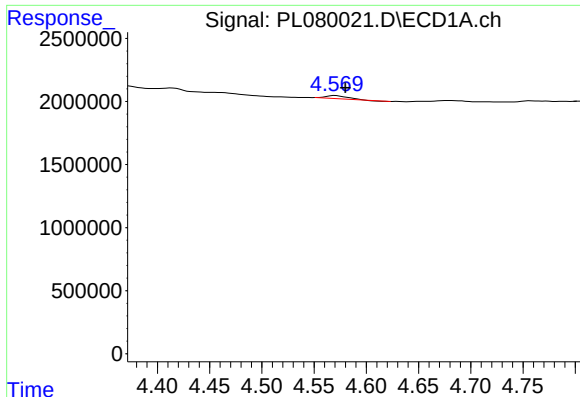
#6 beta-BHC

R.T.: 4.340 min  
Delta R.T.: 0.003 min  
Response: 10828297  
Conc: 12.78 ng/ml



#6 beta-BHC

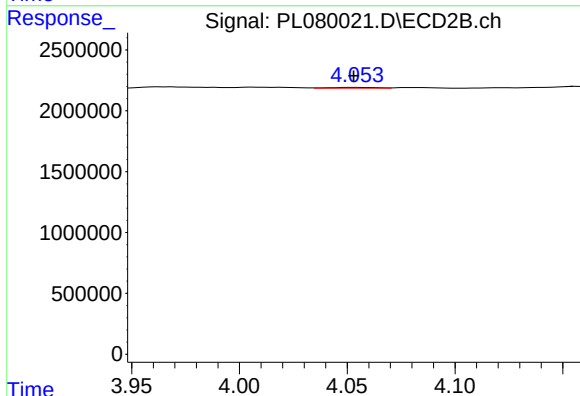
R.T.: 3.822 min  
Delta R.T.: 0.000 min  
Response: 13564858  
Conc: 12.64 ng/ml



#7 delta-BHC

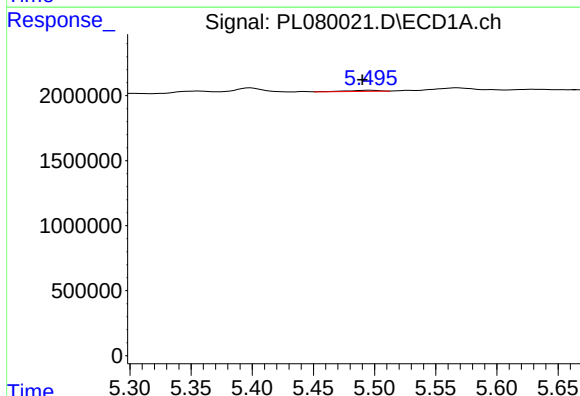
R.T.: 4.571 min  
Delta R.T.: -0.009 min  
Response: 351262  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



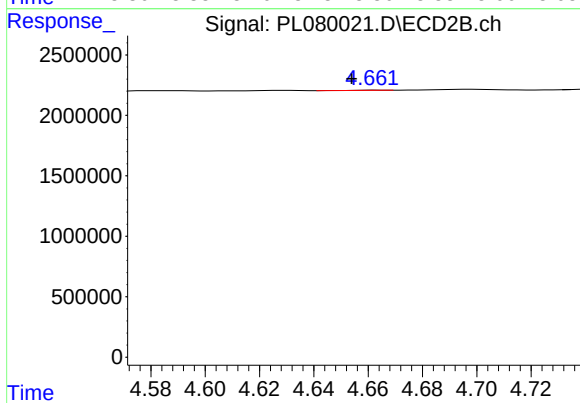
#7 delta-BHC

R.T.: 4.054 min  
Delta R.T.: 0.001 min  
Response: 103903  
Conc: 0.05 ng/ml



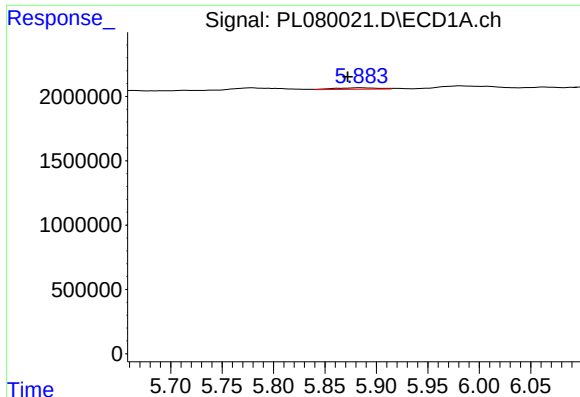
#8 Heptachlor epoxide

R.T.: 5.497 min  
Delta R.T.: 0.007 min  
Response: 157477  
Conc: 0.10 ng/ml



#8 Heptachlor epoxide

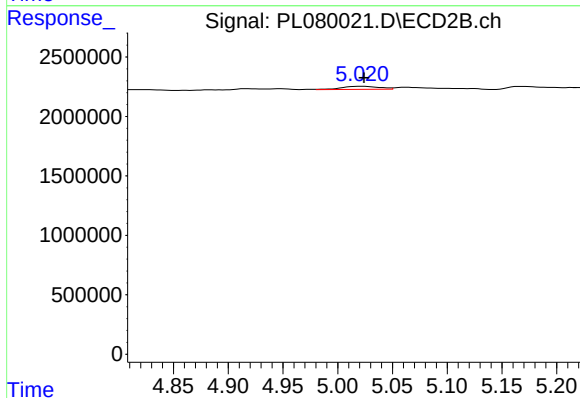
R.T.: 4.662 min  
Delta R.T.: 0.008 min  
Response: 16719  
Conc: 0.01 ng/ml



#9 Endosulfan I

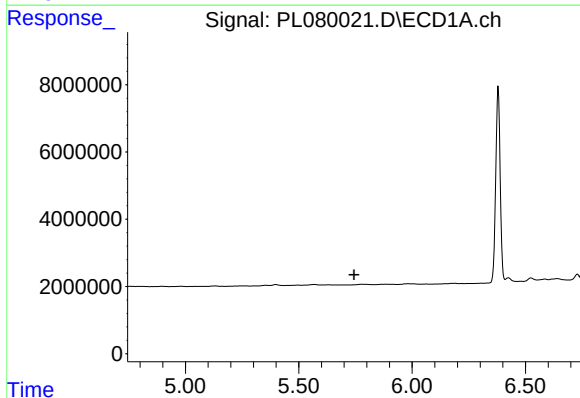
R.T.: 5.884 min  
Delta R.T.: 0.012 min  
Response: 336120  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



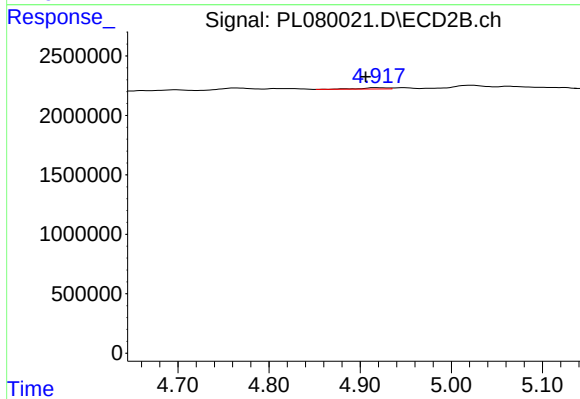
#9 Endosulfan I

R.T.: 5.022 min  
Delta R.T.: -0.002 min  
Response: 595156  
Conc: 0.29 ng/ml



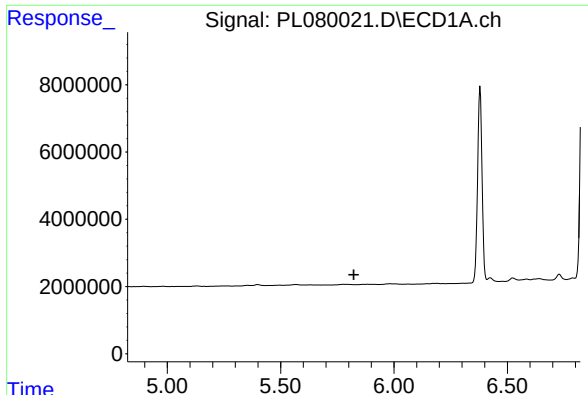
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.744 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

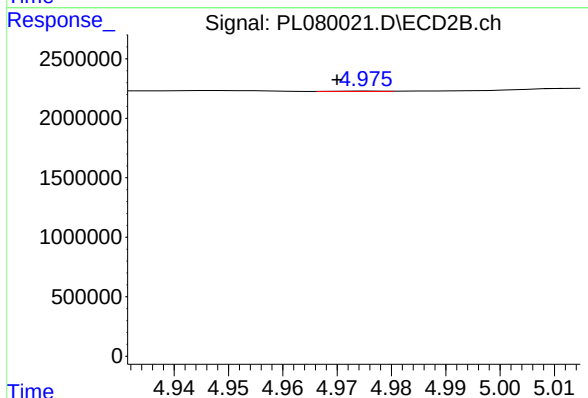
R.T.: 4.918 min  
Delta R.T.: 0.012 min  
Response: 219644  
Conc: 0.10 ng/ml



#11 alpha-Chlordane

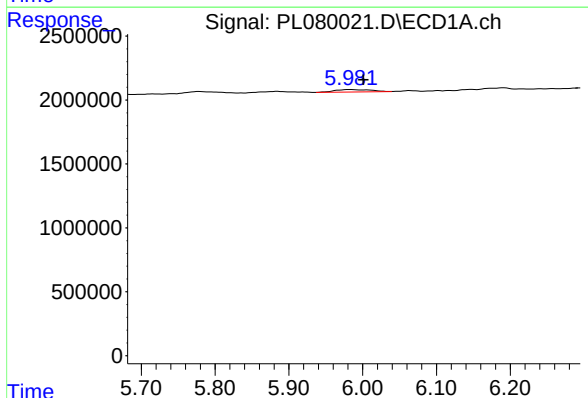
R.T.: 0.000 min  
Exp R.T.: 5.823 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



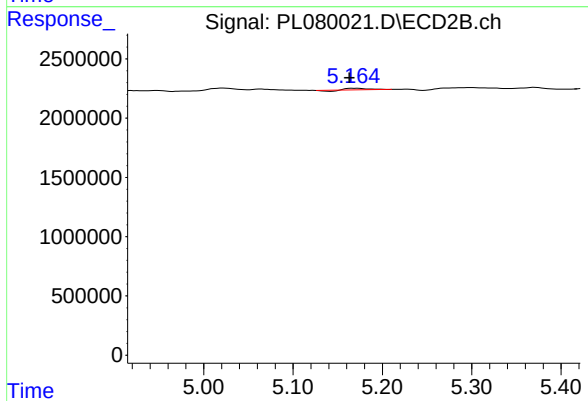
#11 alpha-Chlordane

R.T.: 4.977 min  
Delta R.T.: 0.007 min  
Response: 16837  
Conc: 0.01 ng/ml



#12 4,4'-DDE

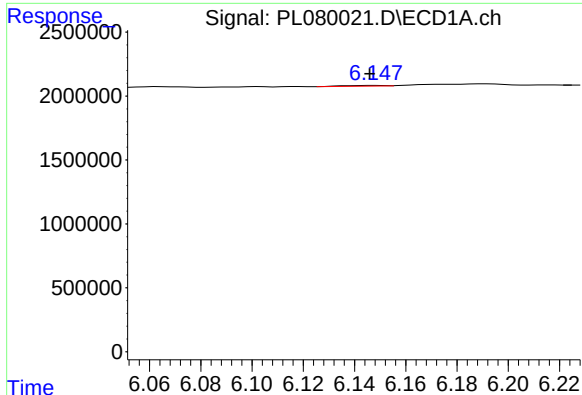
R.T.: 5.982 min  
Delta R.T.: -0.019 min  
Response: 681653  
Conc: 0.46 ng/ml



#12 4,4'-DDE

R.T.: 5.167 min  
Delta R.T.: 0.004 min  
Response: 143673  
Conc: 0.08 ng/ml

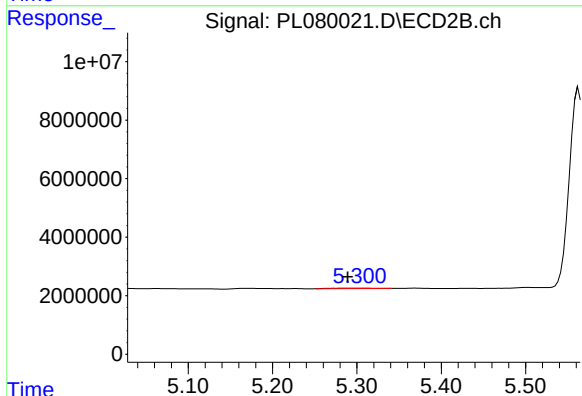




#13 Dieldrin

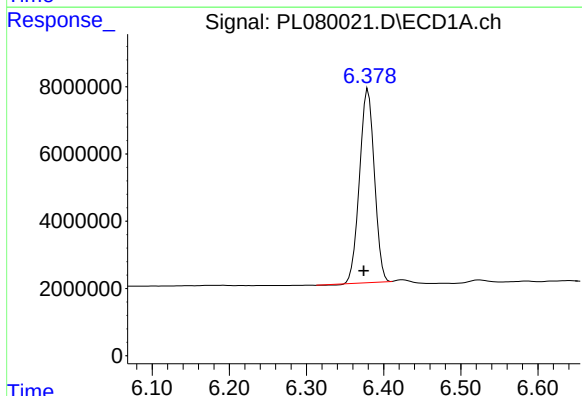
R.T.: 6.148 min  
Delta R.T.: 0.002 min  
Response: 68081  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



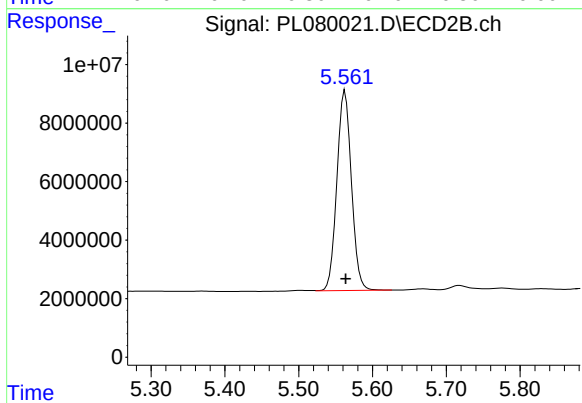
#13 Dieldrin

R.T.: 5.301 min  
Delta R.T.: 0.012 min  
Response: 549650  
Conc: 0.27 ng/ml



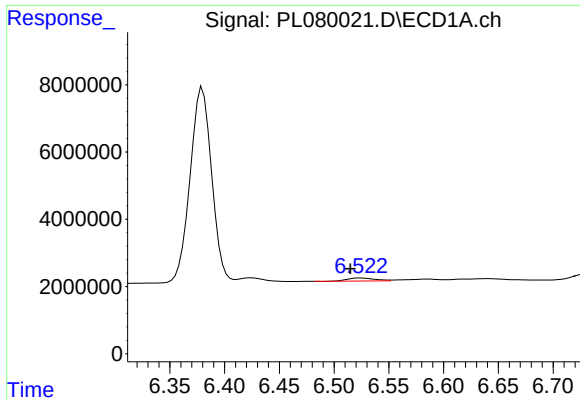
#14 Endrin

R.T.: 6.380 min  
Delta R.T.: 0.006 min  
Response: 77162710  
Conc: 58.83 ng/ml



#14 Endrin

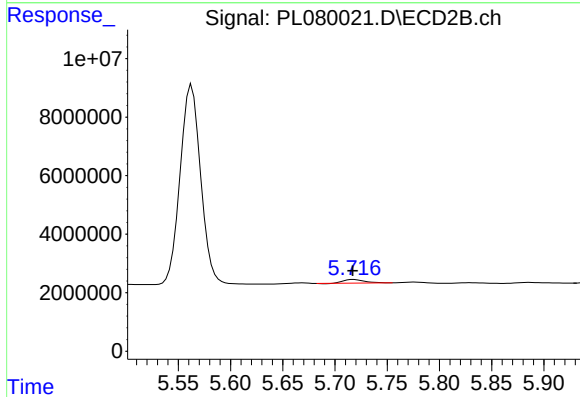
R.T.: 5.563 min  
Delta R.T.: -0.001 min  
Response: 93654619  
Conc: 60.51 ng/ml



#16 4,4'-DDD

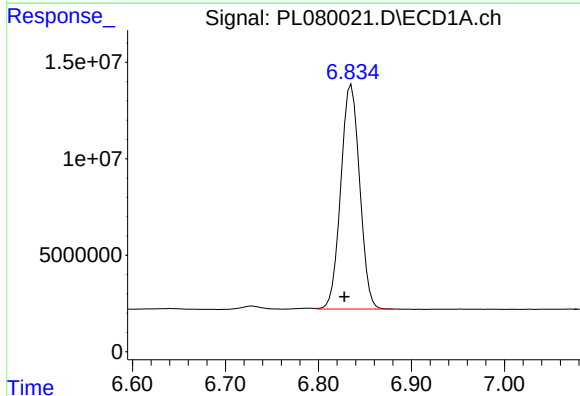
R.T.: 6.524 min  
Delta R.T.: 0.009 min  
Response: 1544934  
Conc: 1.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



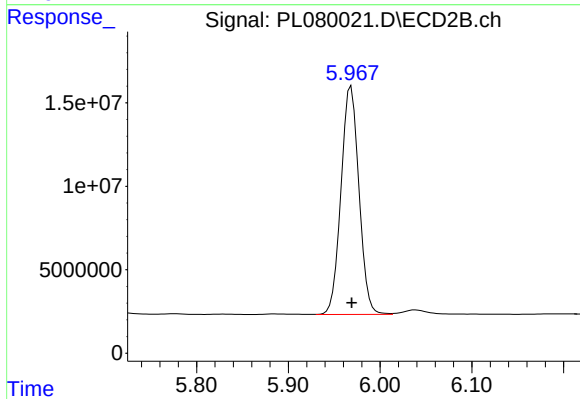
#16 4,4'-DDD

R.T.: 5.718 min  
Delta R.T.: 0.000 min  
Response: 1728667  
Conc: 1.13 ng/ml



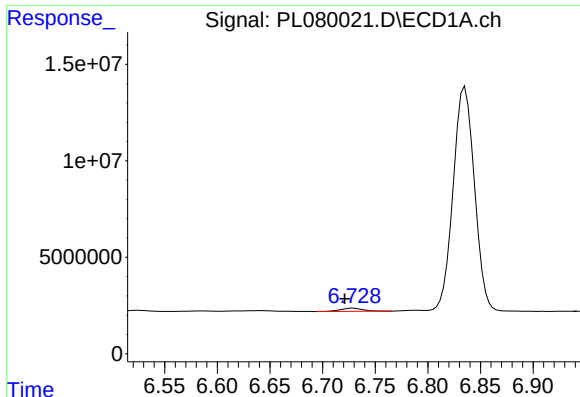
#17 4,4'-DDT

R.T.: 6.835 min  
Delta R.T.: 0.007 min  
Response: 164117230  
Conc: 129.39 ng/ml



#17 4,4'-DDT

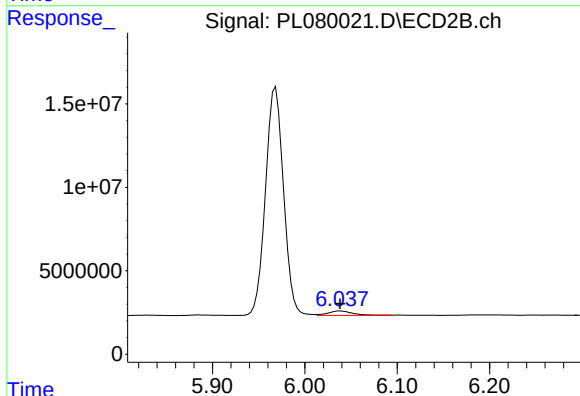
R.T.: 5.968 min  
Delta R.T.: 0.000 min  
Response: 185695555  
Conc: 141.37 ng/ml



#18 Endrin aldehyde

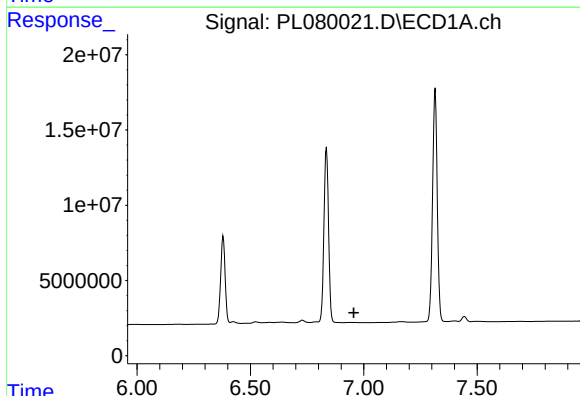
R.T.: 6.729 min  
Delta R.T.: 0.008 min  
Response: 2413081  
Conc: 2.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



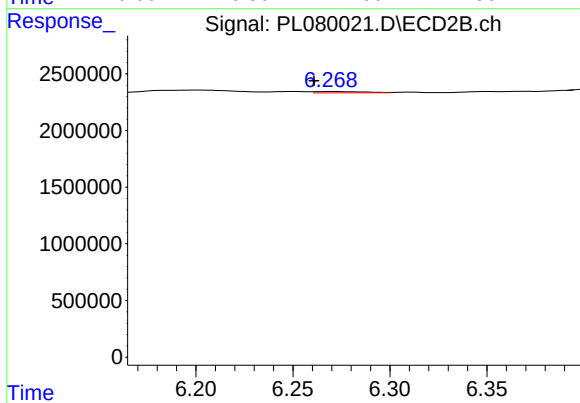
#18 Endrin aldehyde

R.T.: 6.039 min  
Delta R.T.: 0.000 min  
Response: 5191144  
Conc: 3.86 ng/ml



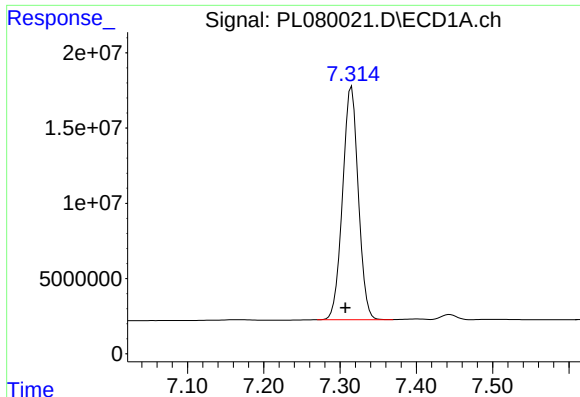
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.956 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

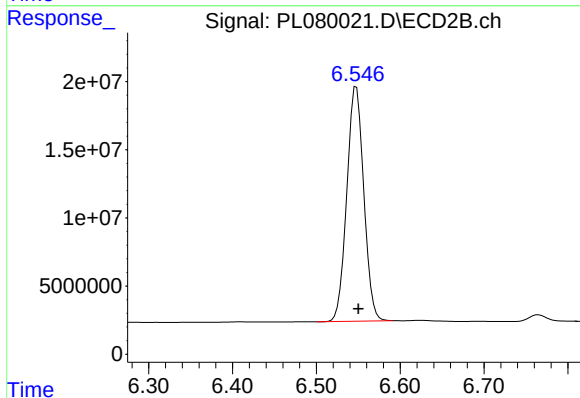
R.T.: 6.270 min  
Delta R.T.: 0.009 min  
Response: 199660  
Conc: 0.11 ng/ml



#20 Methoxychlor

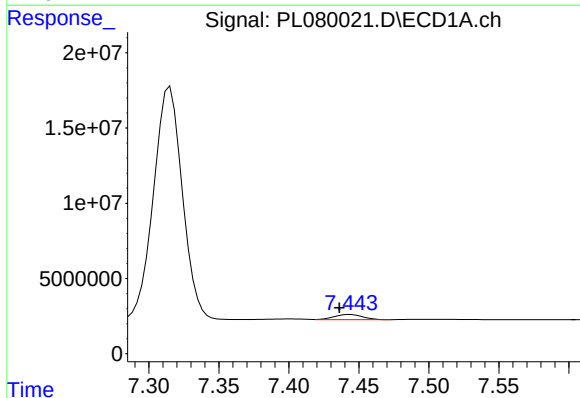
R.T.: 7.315 min  
Delta R.T.: 0.008 min  
Response: 222181524  
Conc: 313.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



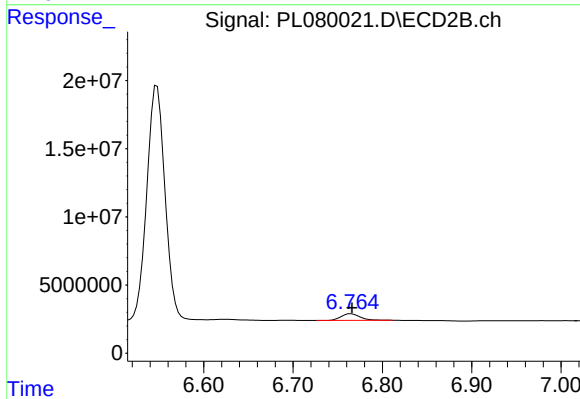
#20 Methoxychlor

R.T.: 6.548 min  
Delta R.T.: -0.002 min  
Response: 242725649  
Conc: 315.20 ng/ml



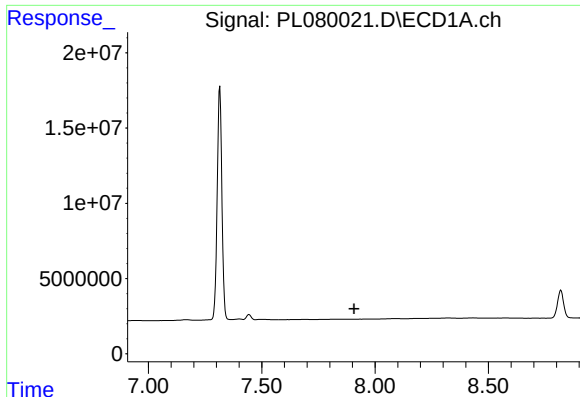
#21 Endrin ketone

R.T.: 7.444 min  
Delta R.T.: 0.008 min  
Response: 4805960  
Conc: 3.17 ng/ml



#21 Endrin ketone

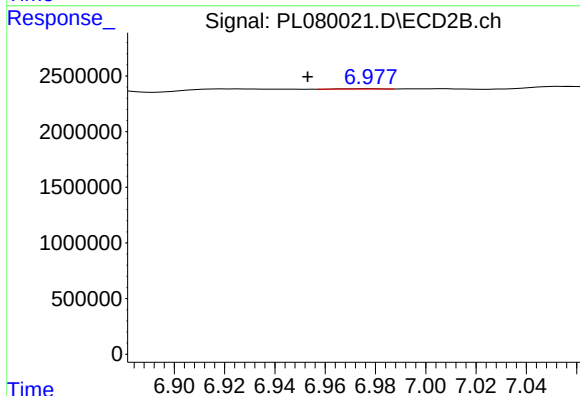
R.T.: 6.765 min  
Delta R.T.: -0.001 min  
Response: 7204320  
Conc: 3.90 ng/ml



#22 Mirex

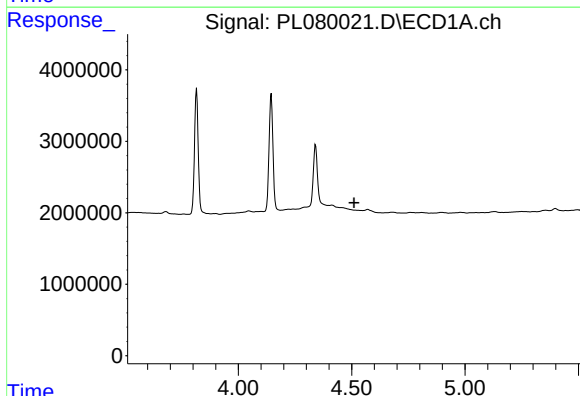
R.T.: 0.000 min  
Exp R.T.: 7.908 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



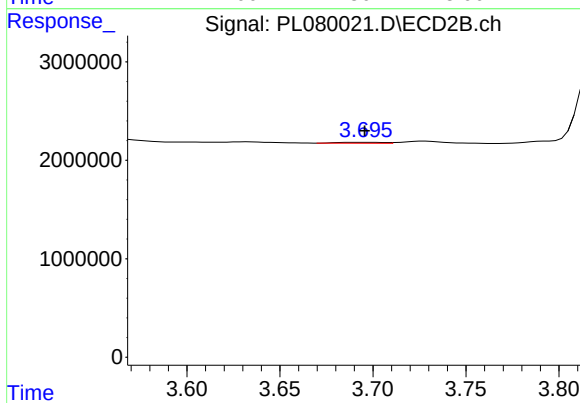
#22 Mirex

R.T.: 6.977 min  
Delta R.T.: 0.024 min  
Response: 33392  
Conc: 0.02 ng/ml



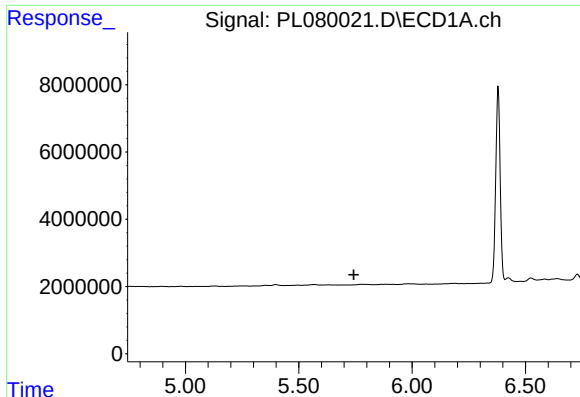
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.511 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

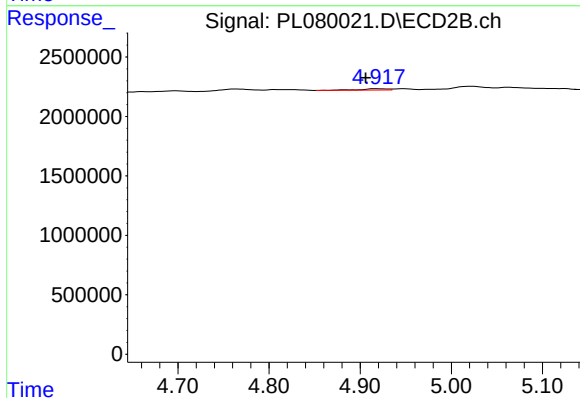
R.T.: 3.692 min  
Delta R.T.: -0.004 min  
Response: 168816  
Conc: 2.68 ng/ml



#25 Chlordane-3

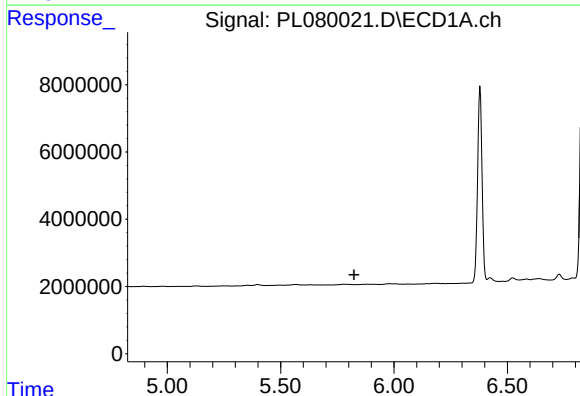
R.T.: 0.000 min  
Exp R.T.: 5.742 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



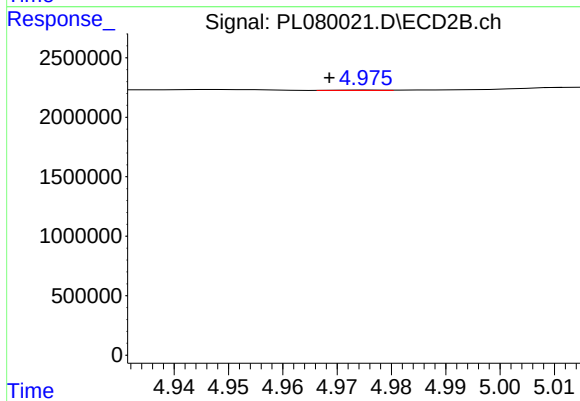
#25 Chlordane-3

R.T.: 4.918 min  
Delta R.T.: 0.012 min  
Response: 219644  
Conc: 1.08 ng/ml



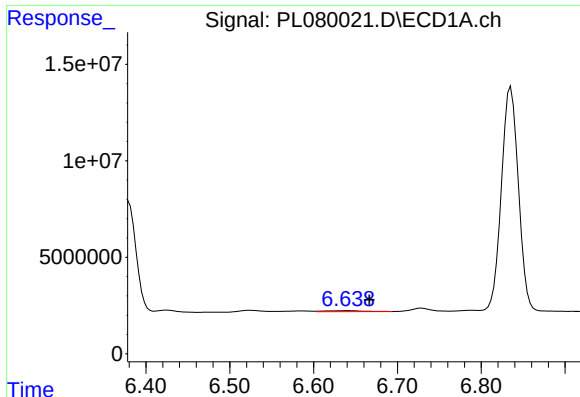
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 5.824 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

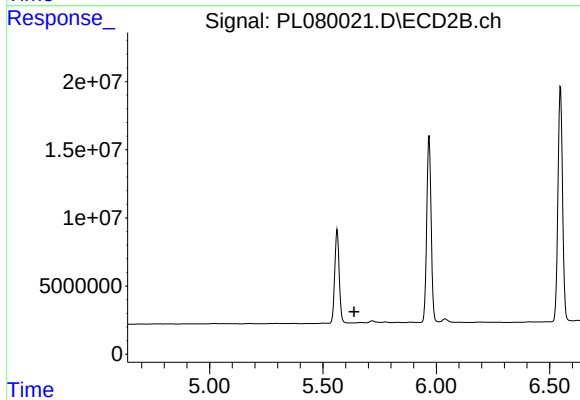
R.T.: 4.977 min  
Delta R.T.: 0.008 min  
Response: 16837  
Conc: 0.08 ng/ml



#27 Chlordane-5

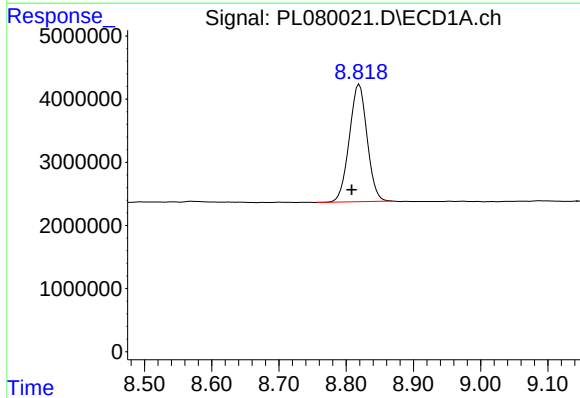
R.T.: 6.640 min  
Delta R.T.: -0.026 min  
Response: 1616181  
Conc: 29.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



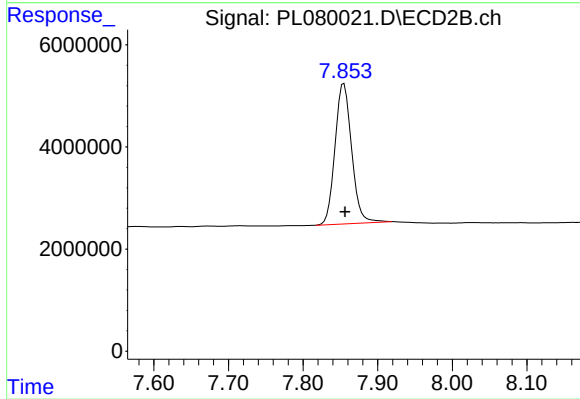
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 5.638 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.819 min  
Delta R.T.: 0.011 min  
Response: 34171101  
Conc: 24.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.855 min  
Delta R.T.: -0.001 min  
Response: 42653736  
Conc: 25.51 ng/ml