

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011323\  
 Data File : PL080297.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jan 2023 14:19  
 Operator : AR\AJ  
 Sample : 01122-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 12 20:36:13 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 12 01:47:41 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... | 3.357  | 2.689  | 17716705 | 22412083 | 8.869  | 10.021   |
| 28)                         | SA Decachlor... | 8.795  | 7.842  | 19279745 | 25076479 | 13.067 | 11.156   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.775f | 3.175f | 194527   | 366137   | 0.067  | 0.114 #  |
| 3)                          | MA gamma-BHC... | 4.142  | 0.000  | 627159   | 0        | 0.235  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.719  | 3.860  | 635232   | 1310166  | 0.244  | 0.407 #  |
| 5)                          | MB Aldrin       | 5.048  | 4.141  | 3555229  | 1600693  | 1.496  | 0.538 #  |
| 7)                          | B delta-BHC     | 4.577  | 4.056  | 2027382  | 1149573  | 0.776  | 0.398 #  |
| 8)                          | B Heptachlo...  | 5.484  | 4.639  | 723744   | 435511   | 0.326  | 0.155 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.027  | 0        | 559187   | N.D.   | 0.214 #  |
| 10)                         | B gamma-Chl...  | 5.736  | 4.920f | 2176909  | 3850688  | 0.994  | 1.348 #  |
| 11)                         | B alpha-Chl...  | 5.820  | 4.958  | 4067341  | 2624144  | 1.875  | 0.917 #  |
| 12)                         | B 4,4'-DDE      | 5.996  | 5.152  | 3614398  | 2693751  | 1.863  | 1.147 #  |
| 13)                         | MA Dieldrin     | 6.145f | 5.282  | -186223  | 944533   | N.D.   | 0.347    |
| 14)                         | MA Endrin       | 6.349  | 5.568  | 483780   | 1334343  | 0.264  | 0.561 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.848  | 0        | 388583   | N.D.   | 0.160 #  |
| 16)                         | A 4,4'-DDD      | 6.514  | 5.706  | 4060905  | 1232999  | 2.566  | 0.665 #  |
| 17)                         | MA 4,4'-DDT     | 6.819  | 5.956  | 6898258  | 7020978  | 3.912  | 3.332    |
| 18)                         | B Endrin al...  | 0.000  | 5.999f | 0        | 1696803  | N.D.   | 0.932 #  |
| 19)                         | B Endosulfa...  | 6.928  | 6.254  | 1165196  | 1460297  | 0.669  | 0.629    |
| 21)                         | B Endrin ke...  | 7.412  | 0.000  | 2385738  | 0        | 1.281  | N.D. #   |
| 22)                         | Mirex           | 7.916f | 0.000  | 208015   | 0        | 0.147  | N.D. #   |
| 23)                         | Chlordane-1     | 4.510  | 3.684  | 299797   | 2151496  | 3.850  | 26.384 # |
| 24)                         | Chlordane-2     | 5.048f | 0.000  | 3555229  | 0        | 40.403 | N.D. #   |
| 25)                         | Chlordane-3     | 5.736  | 4.920f | 2176909  | 3850688  | 6.707  | 13.488 # |
| 26)                         | Chlordane-4     | 5.820  | 4.958  | 4067341  | 2624144  | 10.181 | 9.174    |
| 27)                         | Chlordane-5     | 6.627f | 5.632  | 1646860  | 3453598  | 23.268 | 43.205 # |
| -----                       |                 |        |        |          |          |        |          |

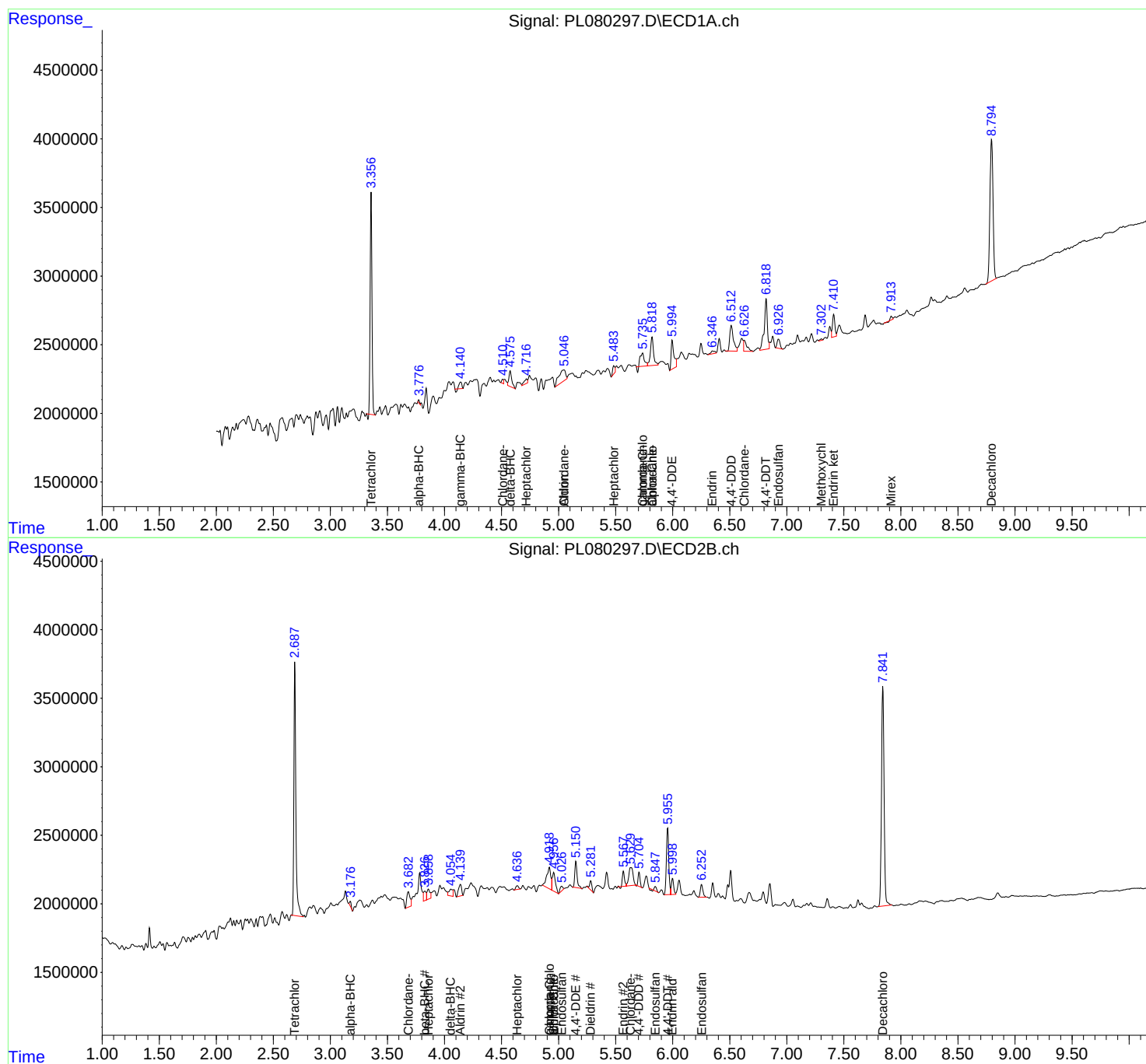
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

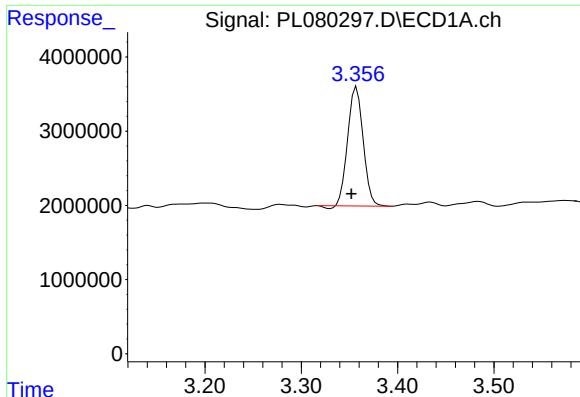
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011223\  
Data File : PL080297.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jan 2023 14:19  
Operator : AR\AJ  
Sample : 01122-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 12 20:36:13 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011223.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 12 01:47:41 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

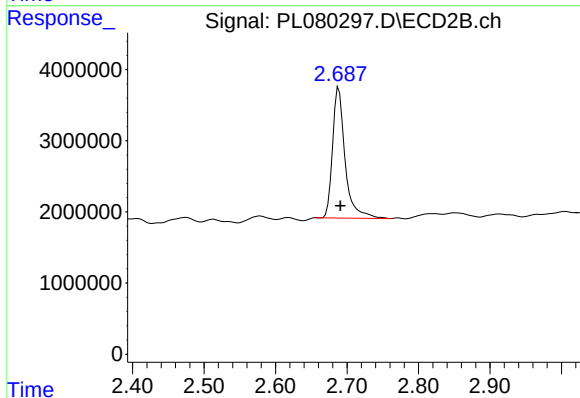




#1 Tetrachloro-m-xylene

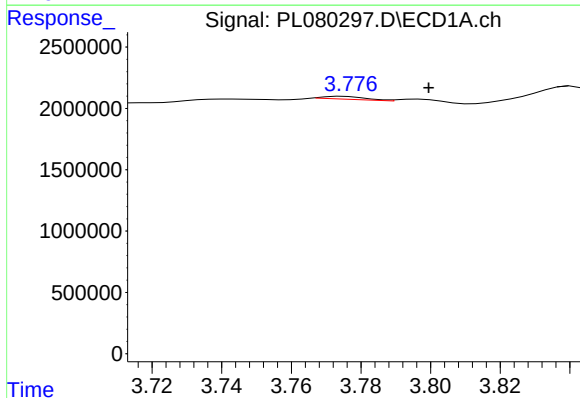
R.T.: 3.357 min  
Delta R.T.: 0.005 min  
Response: 17716705  
Conc: 8.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



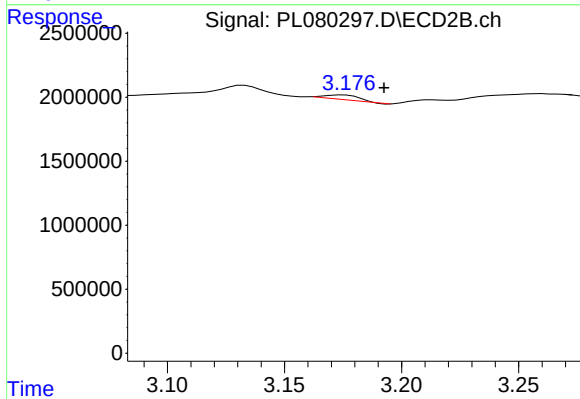
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: -0.002 min  
Response: 22412083  
Conc: 10.02 ng/ml



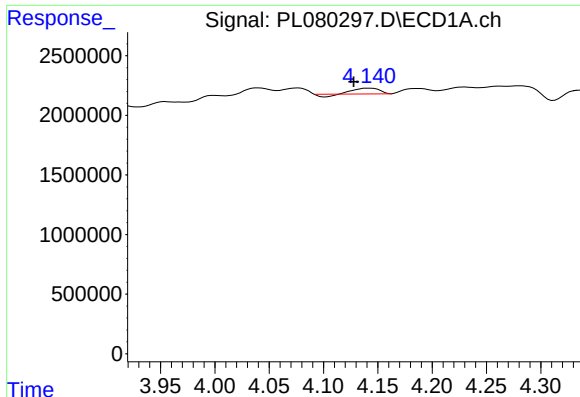
#2 alpha-BHC

R.T.: 3.775 min  
Delta R.T.: -0.025 min  
Response: 194527  
Conc: 0.07 ng/ml



#2 alpha-BHC

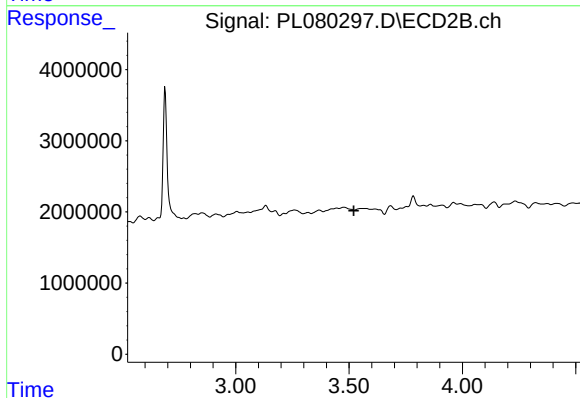
R.T.: 3.175 min  
Delta R.T.: -0.017 min  
Response: 366137  
Conc: 0.11 ng/ml



#3 gamma-BHC (Lindane)

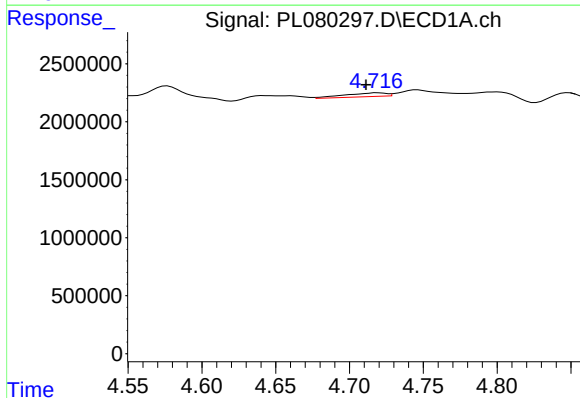
R.T.: 4.142 min  
Delta R.T.: 0.014 min  
Response: 627159  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



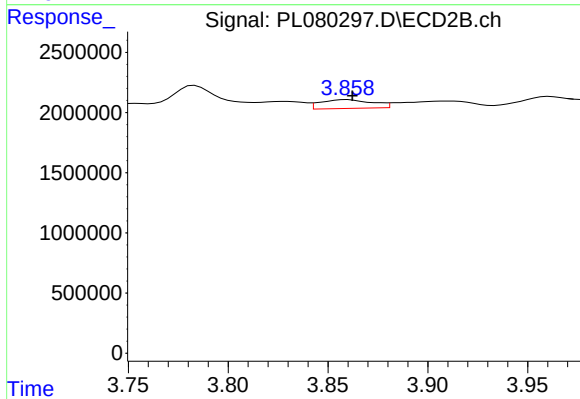
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.521 min  
Response: 0  
Conc: N.D.



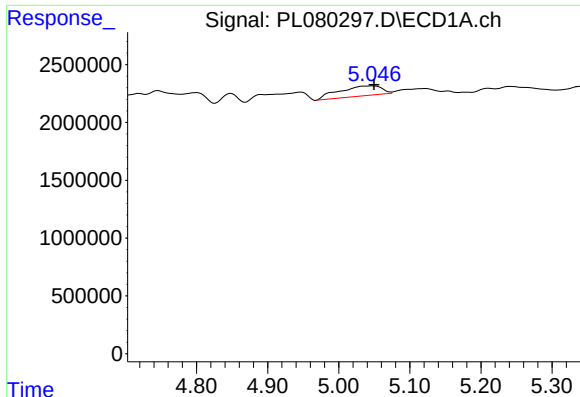
#4 Heptachlor

R.T.: 4.719 min  
Delta R.T.: 0.008 min  
Response: 635232  
Conc: 0.24 ng/ml



#4 Heptachlor

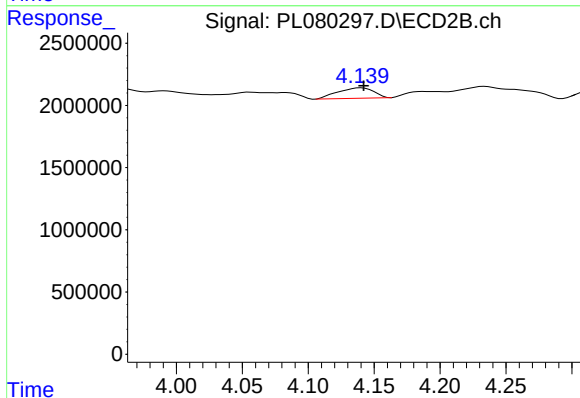
R.T.: 3.860 min  
Delta R.T.: -0.002 min  
Response: 1310166  
Conc: 0.41 ng/ml



#5 Aldrin

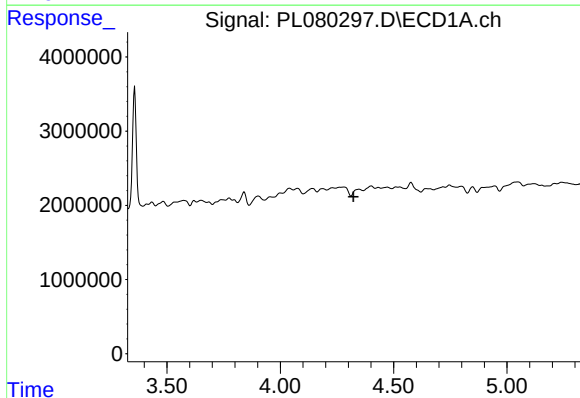
R.T.: 5.048 min  
Delta R.T.: -0.002 min  
Response: 3555229  
Conc: 1.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



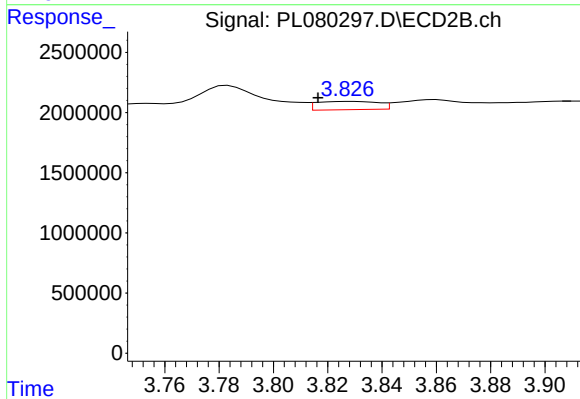
#5 Aldrin

R.T.: 4.141 min  
Delta R.T.: -0.001 min  
Response: 1600693  
Conc: 0.54 ng/ml



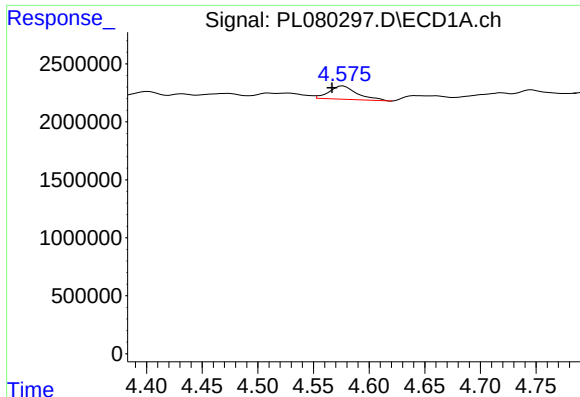
#6 beta-BHC

R.T.: 4.348 min  
Delta R.T.: 0.025 min  
Response: -1066032  
Conc: N.D.



#6 beta-BHC

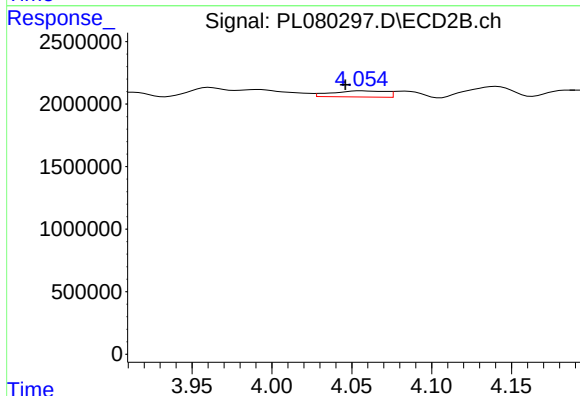
R.T.: 3.829 min  
Delta R.T.: 0.012 min  
Response: 1084237  
Conc: 0.81 ng/ml



#7 delta-BHC

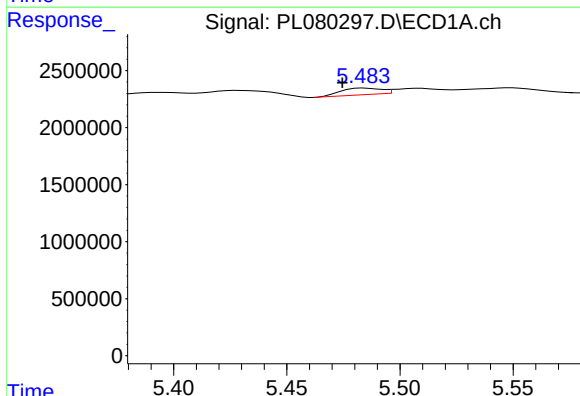
R.T.: 4.577 min  
Delta R.T.: 0.010 min  
Response: 2027382  
Conc: 0.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



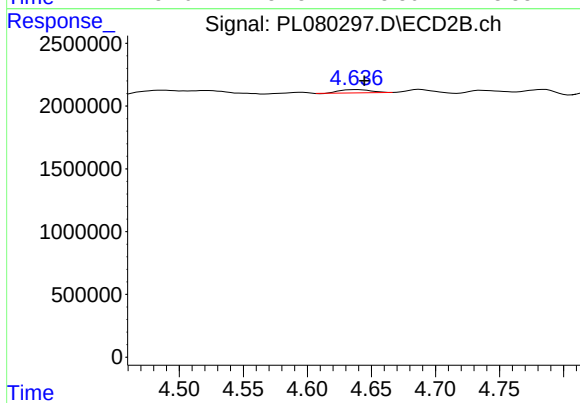
#7 delta-BHC

R.T.: 4.056 min  
Delta R.T.: 0.010 min  
Response: 1149573  
Conc: 0.40 ng/ml



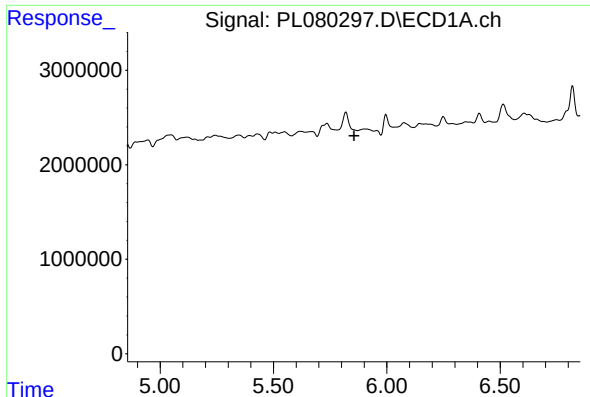
#8 Heptachlor epoxide

R.T.: 5.484 min  
Delta R.T.: 0.010 min  
Response: 723744  
Conc: 0.33 ng/ml



#8 Heptachlor epoxide

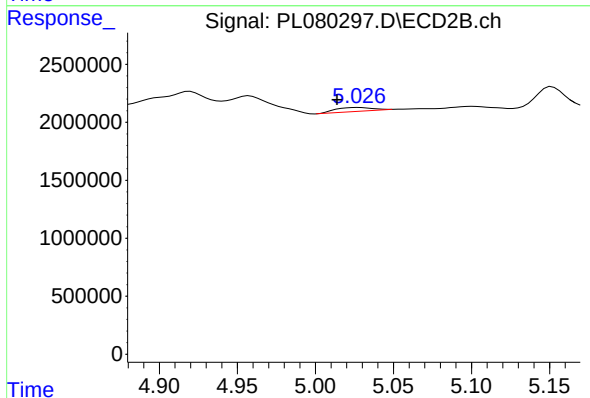
R.T.: 4.639 min  
Delta R.T.: -0.006 min  
Response: 435511  
Conc: 0.16 ng/ml



#9 Endosulfan I

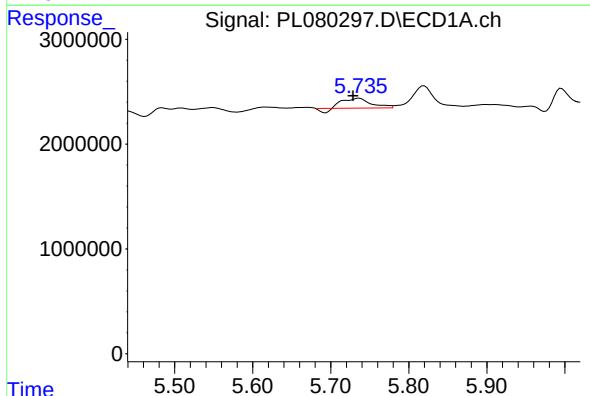
R.T.: 0.000 min  
Exp R.T.: 5.856 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



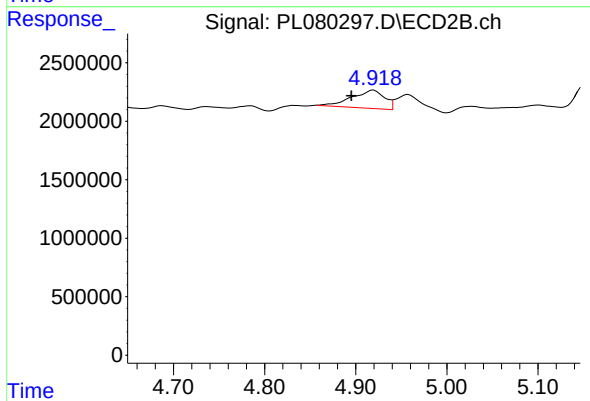
#9 Endosulfan I

R.T.: 5.027 min  
Delta R.T.: 0.014 min  
Response: 559187  
Conc: 0.21 ng/ml



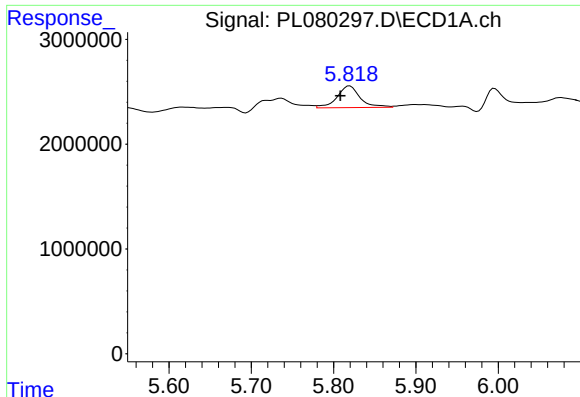
#10 gamma-Chlordane

R.T.: 5.736 min  
Delta R.T.: 0.008 min  
Response: 2176909  
Conc: 0.99 ng/ml



#10 gamma-Chlordane

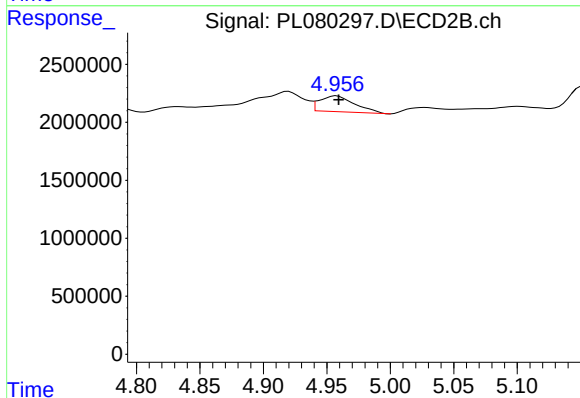
R.T.: 4.920 min  
Delta R.T.: 0.024 min  
Response: 3850688  
Conc: 1.35 ng/ml



#11 alpha-Chlordane

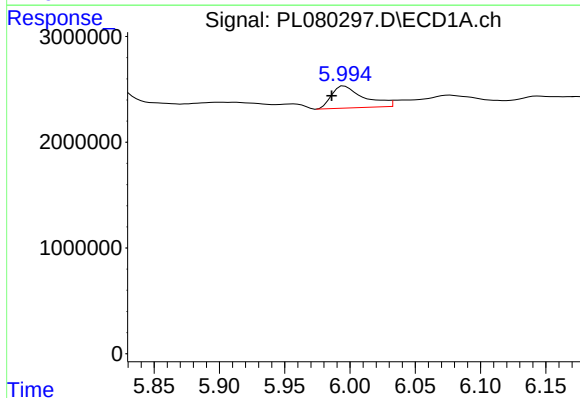
R.T.: 5.820 min  
Delta R.T.: 0.012 min  
Response: 4067341  
Conc: 1.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



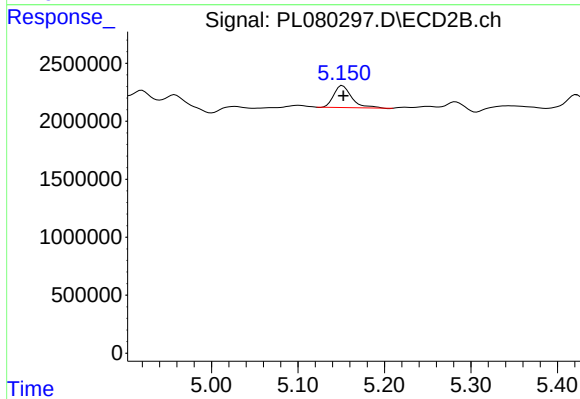
#11 alpha-Chlordane

R.T.: 4.958 min  
Delta R.T.: -0.002 min  
Response: 2624144  
Conc: 0.92 ng/ml



#12 4,4'-DDE

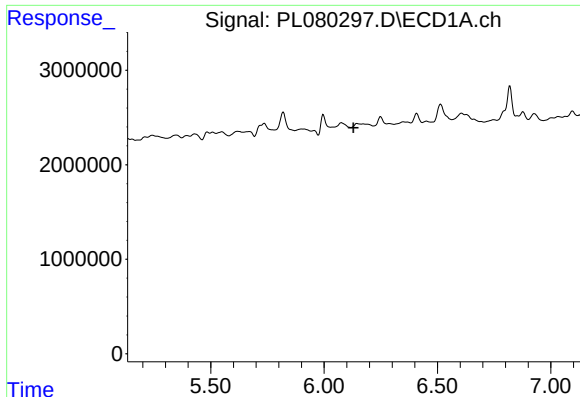
R.T.: 5.996 min  
Delta R.T.: 0.010 min  
Response: 3614398  
Conc: 1.86 ng/ml



#12 4,4'-DDE

R.T.: 5.152 min  
Delta R.T.: 0.000 min  
Response: 2693751  
Conc: 1.15 ng/ml

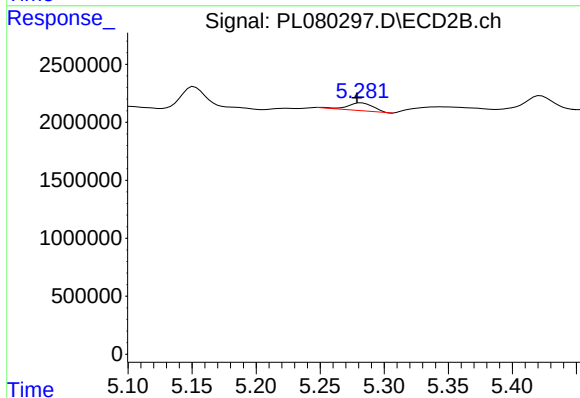




#13 Dieldrin

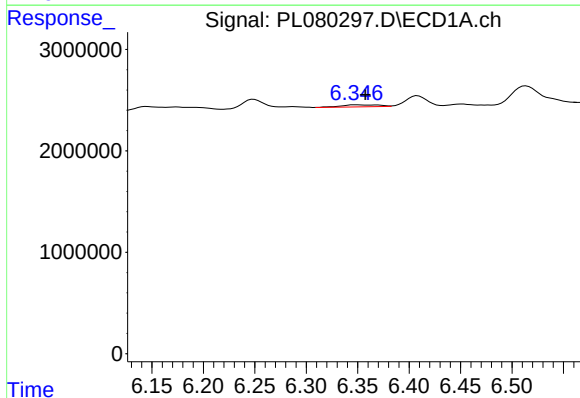
R.T.: 6.145 min  
Delta R.T.: 0.015 min  
Response: -186223  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



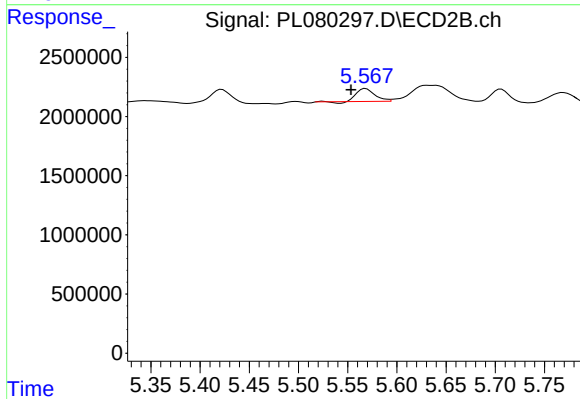
#13 Dieldrin

R.T.: 5.282 min  
Delta R.T.: 0.003 min  
Response: 944533  
Conc: 0.35 ng/ml



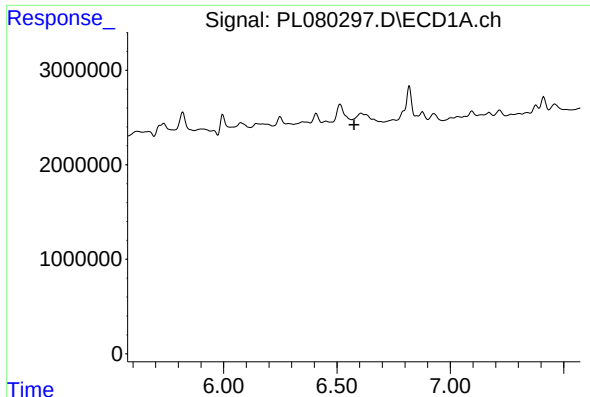
#14 Endrin

R.T.: 6.349 min  
Delta R.T.: -0.009 min  
Response: 483780  
Conc: 0.26 ng/ml



#14 Endrin

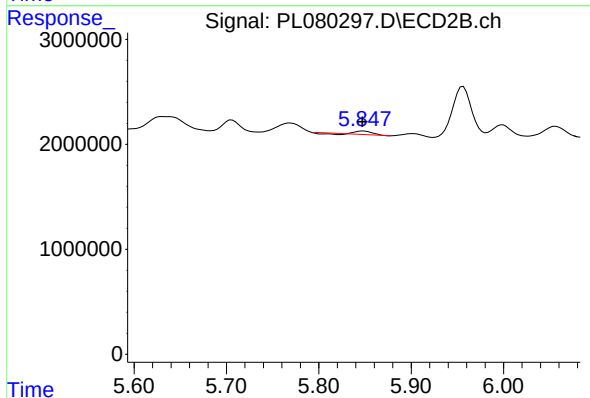
R.T.: 5.568 min  
Delta R.T.: 0.015 min  
Response: 1334343  
Conc: 0.56 ng/ml



#15 Endosulfan II

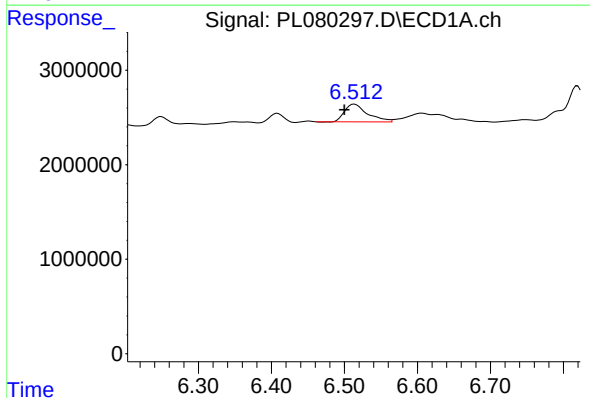
R.T.: 0.000 min  
Exp R.T.: 6.575 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



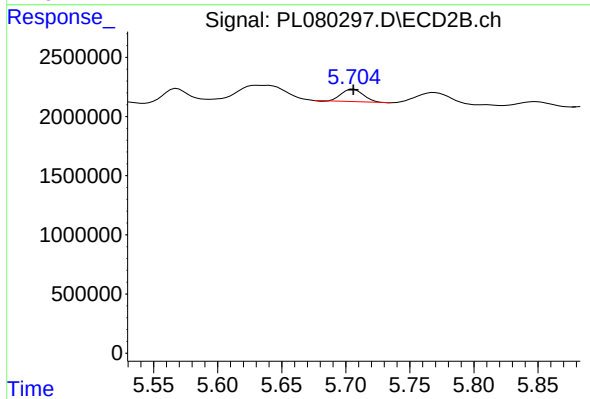
#15 Endosulfan II

R.T.: 5.848 min  
Delta R.T.: 0.000 min  
Response: 388583  
Conc: 0.16 ng/ml



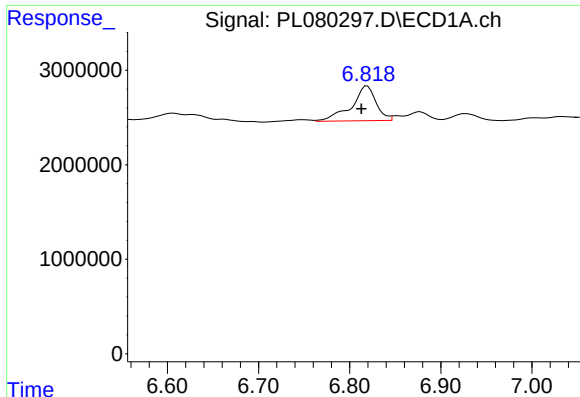
#16 4,4'-DDD

R.T.: 6.514 min  
Delta R.T.: 0.014 min  
Response: 4060905  
Conc: 2.57 ng/ml



#16 4,4'-DDD

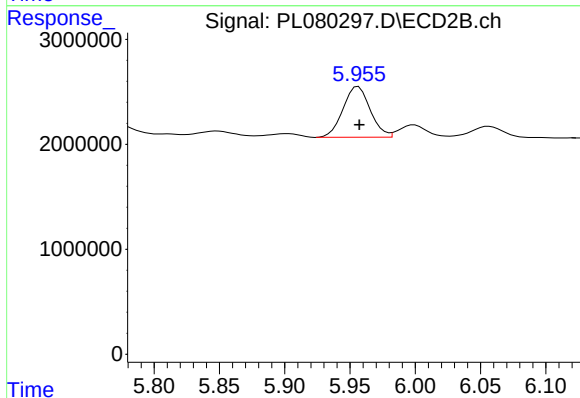
R.T.: 5.706 min  
Delta R.T.: 0.000 min  
Response: 1232999  
Conc: 0.67 ng/ml



#17 4,4'-DDT

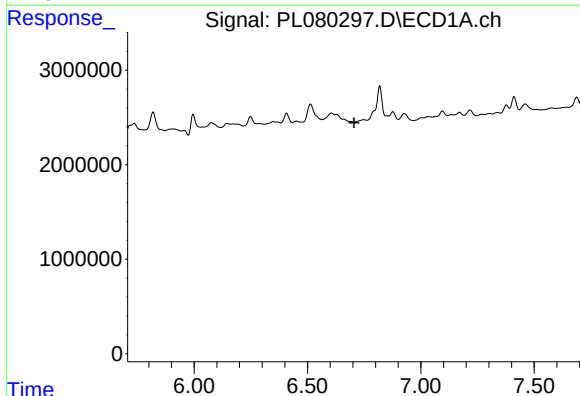
R.T.: 6.819 min  
Delta R.T.: 0.006 min  
Response: 6898258  
Conc: 3.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



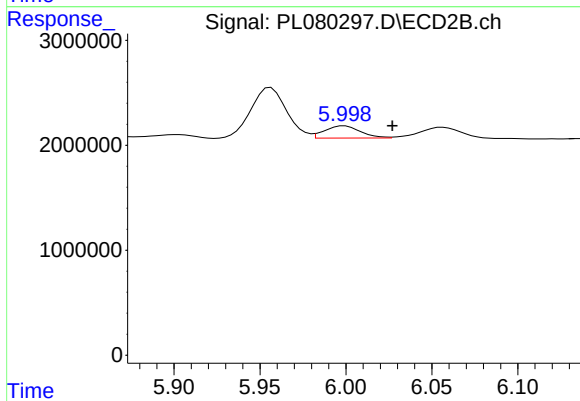
#17 4,4'-DDT

R.T.: 5.956 min  
Delta R.T.: 0.000 min  
Response: 7020978  
Conc: 3.33 ng/ml



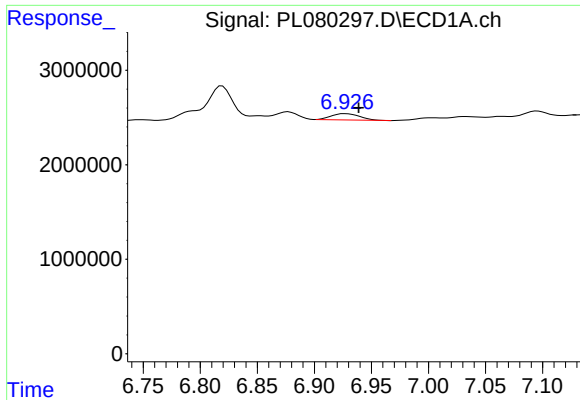
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.705 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

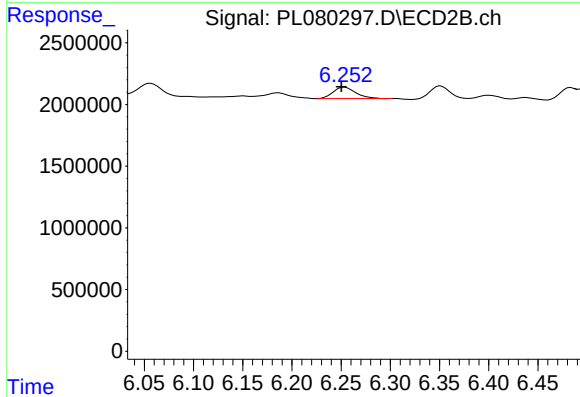
R.T.: 5.999 min  
Delta R.T.: -0.028 min  
Response: 1696803  
Conc: 0.93 ng/ml



#19 Endosulfan Sulfate

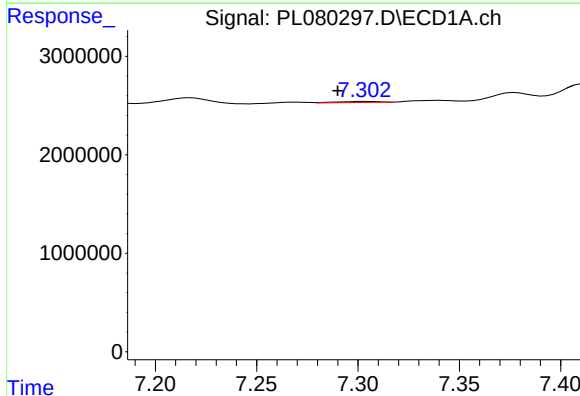
R.T.: 6.928 min  
Delta R.T.: -0.011 min  
Response: 1165196  
Conc: 0.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



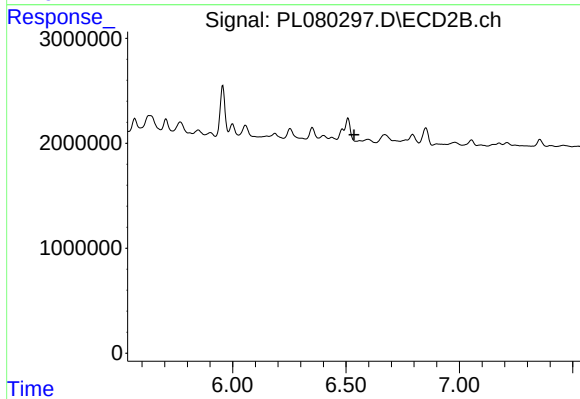
#19 Endosulfan Sulfate

R.T.: 6.254 min  
Delta R.T.: 0.003 min  
Response: 1460297  
Conc: 0.63 ng/ml



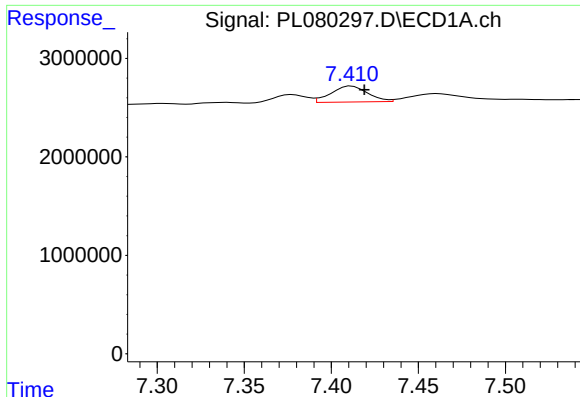
#20 Methoxychlor

R.T.: 7.304 min  
Delta R.T.: 0.014 min  
Response: 153500  
Conc: 0.17 ng/ml



#20 Methoxychlor

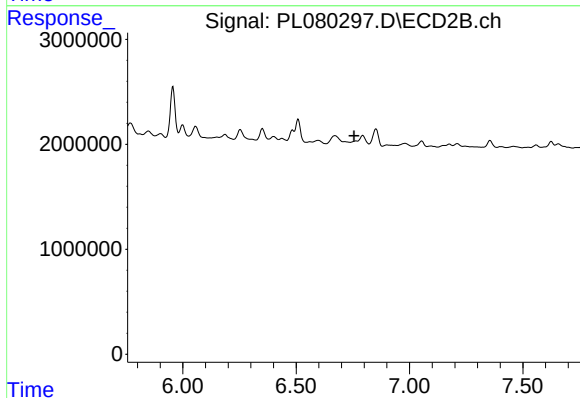
R.T.: 6.561 min  
Delta R.T.: 0.025 min  
Response: -1181759  
Conc: N.D.



#21 Endrin ketone

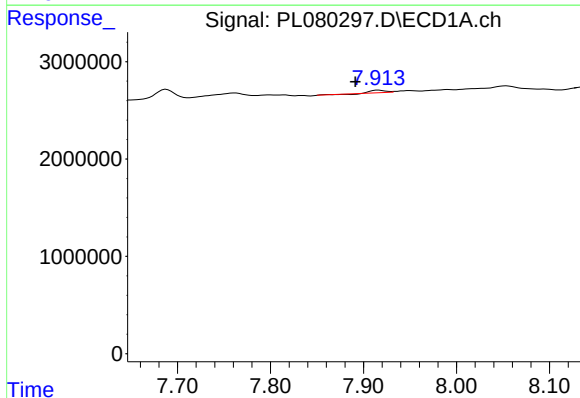
R.T.: 7.412 min  
Delta R.T.: -0.007 min  
Response: 2385738  
Conc: 1.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



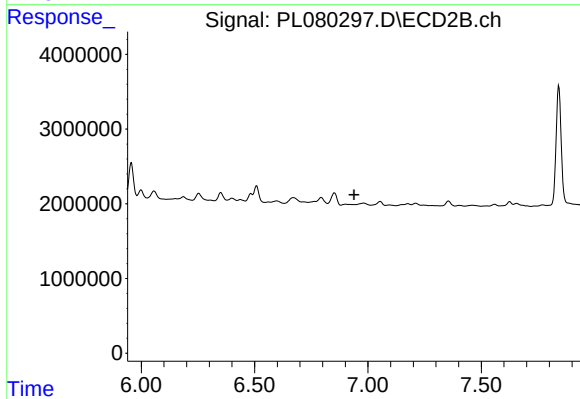
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.755 min  
Response: 0  
Conc: N.D.



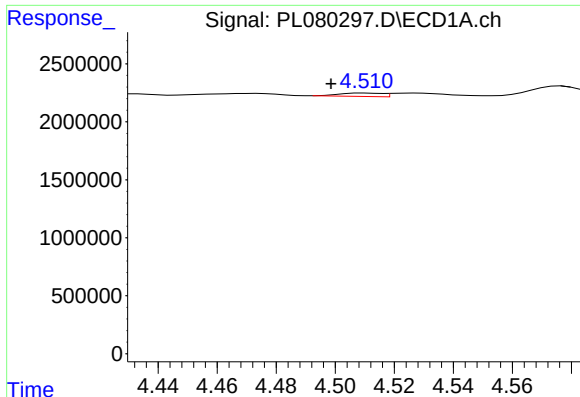
#22 Mirex

R.T.: 7.916 min  
Delta R.T.: 0.025 min  
Response: 208015  
Conc: 0.15 ng/ml



#22 Mirex

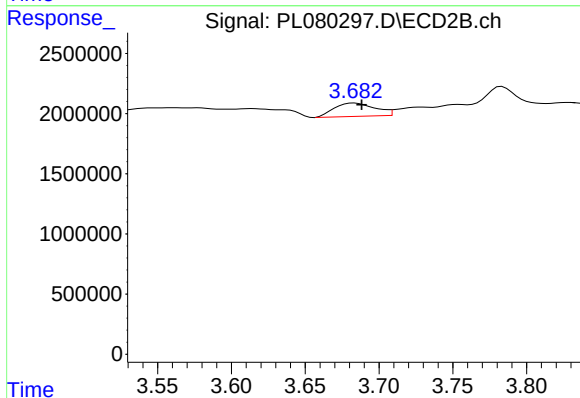
R.T.: 0.000 min  
Exp R.T. : 6.940 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

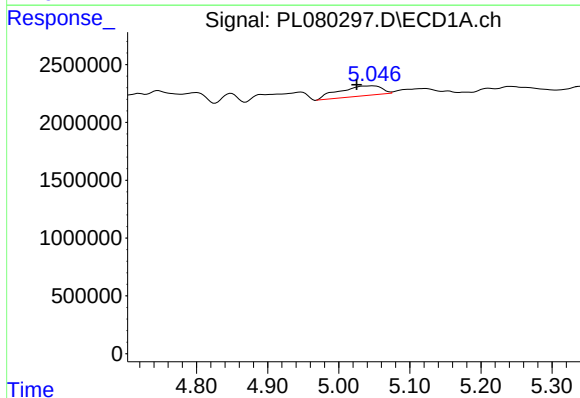
R.T.: 4.510 min  
Delta R.T.: 0.012 min  
Response: 299797  
Conc: 3.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



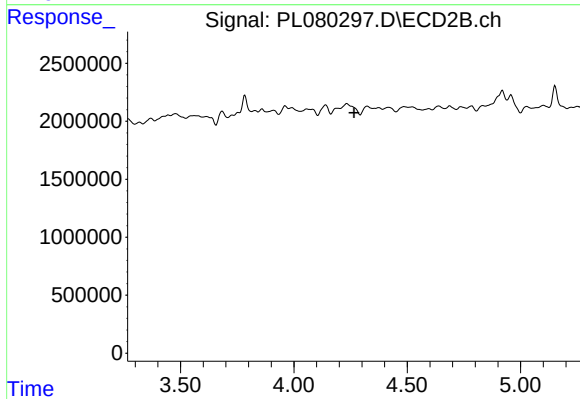
#23 Chlordane-1

R.T.: 3.684 min  
Delta R.T.: -0.005 min  
Response: 2151496  
Conc: 26.38 ng/ml



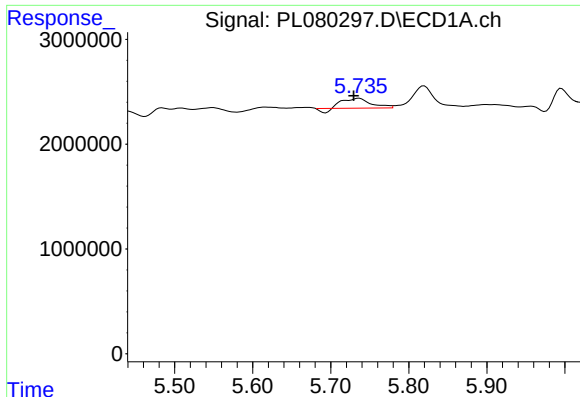
#24 Chlordane-2

R.T.: 5.048 min  
Delta R.T.: 0.023 min  
Response: 3555229  
Conc: 40.40 ng/ml



#24 Chlordane-2

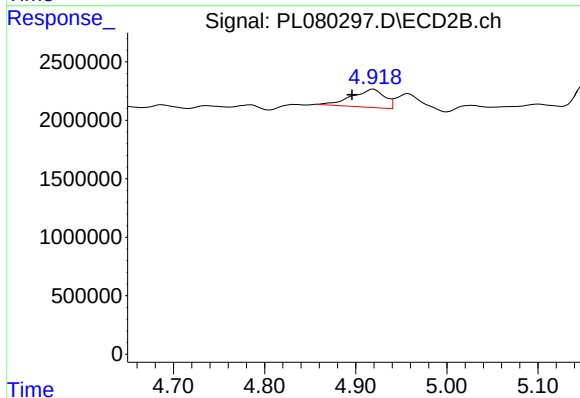
R.T.: 0.000 min  
Exp R.T.: 4.265 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

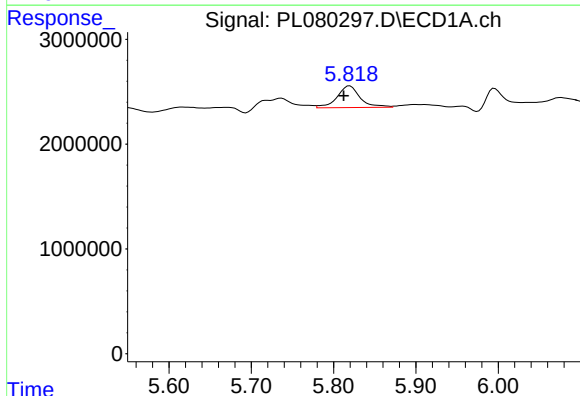
R.T.: 5.736 min  
Delta R.T.: 0.007 min  
Response: 2176909  
Conc: 6.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



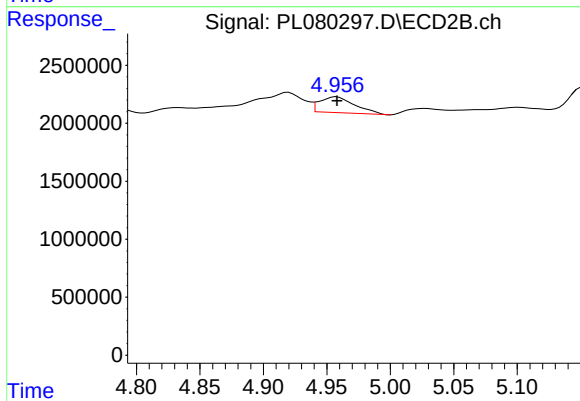
#25 Chlordane-3

R.T.: 4.920 min  
Delta R.T.: 0.024 min  
Response: 3850688  
Conc: 13.49 ng/ml



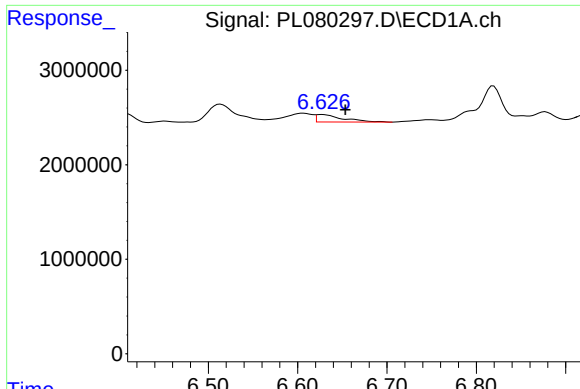
#26 Chlordane-4

R.T.: 5.820 min  
Delta R.T.: 0.007 min  
Response: 4067341  
Conc: 10.18 ng/ml



#26 Chlordane-4

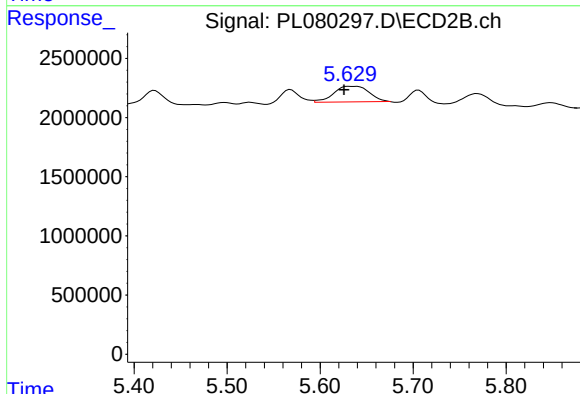
R.T.: 4.958 min  
Delta R.T.: 0.000 min  
Response: 2624144  
Conc: 9.17 ng/ml



#27 Chlordane-5

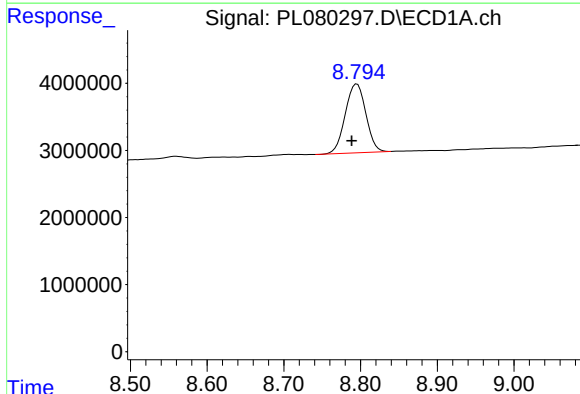
R.T.: 6.627 min  
Delta R.T.: -0.026 min  
Response: 1646860  
Conc: 23.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



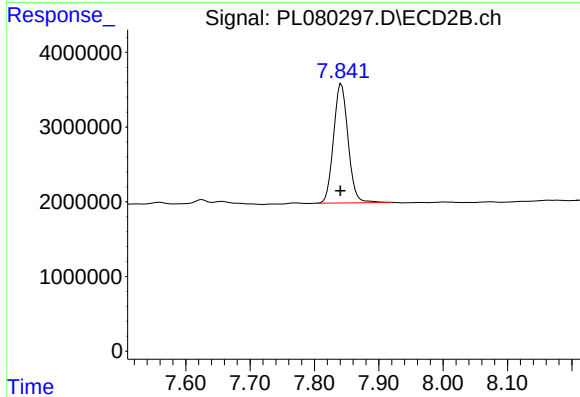
#27 Chlordane-5

R.T.: 5.632 min  
Delta R.T.: 0.006 min  
Response: 3453598  
Conc: 43.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.795 min  
Delta R.T.: 0.007 min  
Response: 19279745  
Conc: 13.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.842 min  
Delta R.T.: 0.001 min  
Response: 25076479  
Conc: 11.16 ng/ml