

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022323\  
 Data File : PL081098.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Feb 2023 13:31  
 Operator : AR\AJ  
 Sample : 01638-02  
 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: Feb 23 19:06:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022023.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 20 18:06:39 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... | 3.351  | 2.687  | 34033567 | 31828195 | 14.600 | 13.831   |
| 2)                          | SA Decachlor... | 8.786  | 7.829  | 31619887 | 36377818 | 16.173 | 15.529   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.194  | 0        | 8698268  | N.D.   | 2.597 #  |
| 4)                          | MA Heptachlor   | 4.705  | 0.000  | 664099   | 0        | 0.202  | N.D. #   |
| 5)                          | MB Aldrin       | 0.000  | 4.133  | 0        | 1129690  | N.D.   | 0.368 #  |
| 6)                          | B beta-BHC      | 4.337  | 0.000  | 37702    | 0        | 0.025  | N.D. #   |
| 7)                          | B delta-BHC     | 4.570  | 4.046  | 5138138  | 448468   | 1.600  | 0.148 #  |
| 8)                          | B Heptachlo...  | 5.476  | 4.631  | 594286   | 109406   | 0.213  | 0.038 #  |
| 9)                          | A Endosulfan I  | 5.840f | 5.029f | 770883   | 880735   | 0.297  | 0.330    |
| 10)                         | B gamma-Chl...  | 5.731  | 4.883  | 996876   | 1035992  | 0.357  | 0.356    |
| 11)                         | B alpha-Chl...  | 5.791f | 4.942  | 1018838  | 802331   | 0.367  | 0.275 #  |
| 12)                         | B 4,4'-DDE      | 6.001  | 5.140  | 489745   | 501749   | 0.198  | 0.210    |
| 13)                         | MA Dieldrin     | 6.151f | 5.276  | 193399   | 603230   | 0.073  | 0.219 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.828  | 0        | 189042   | N.D.   | 0.084 #  |
| 16)                         | A 4,4'-DDD      | 6.476f | 5.688  | 349143   | 40396    | 0.173  | 0.021 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.224f | 0        | 190723   | N.D.   | 0.080 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.518  | 0        | 29756    | N.D.   | 0.025 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.731f | 0        | 88402    | N.D.   | 0.034 #  |
| 22)                         | Mirex           | 0.000  | 6.907f | 0        | 134717   | N.D.   | 0.058 #  |
| 23)                         | Chlordane-1     | 4.500  | 3.696  | 861594   | 3602169  | 9.491  | 44.184 # |
| 24)                         | Chlordane-2     | 5.015  | 4.277f | 1854521  | 4223638  | 18.236 | 46.466 # |
| 25)                         | Chlordane-3     | 5.731  | 4.883  | 996876   | 1035992  | 2.623  | 3.943 #  |
| 26)                         | Chlordane-4     | 5.791f | 4.942  | 1018838  | 802331   | 2.199  | 2.990 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.605  | 0        | 279714   | N.D.   | 3.633 #  |
| -----                       |                 |        |        |          |          |        |          |

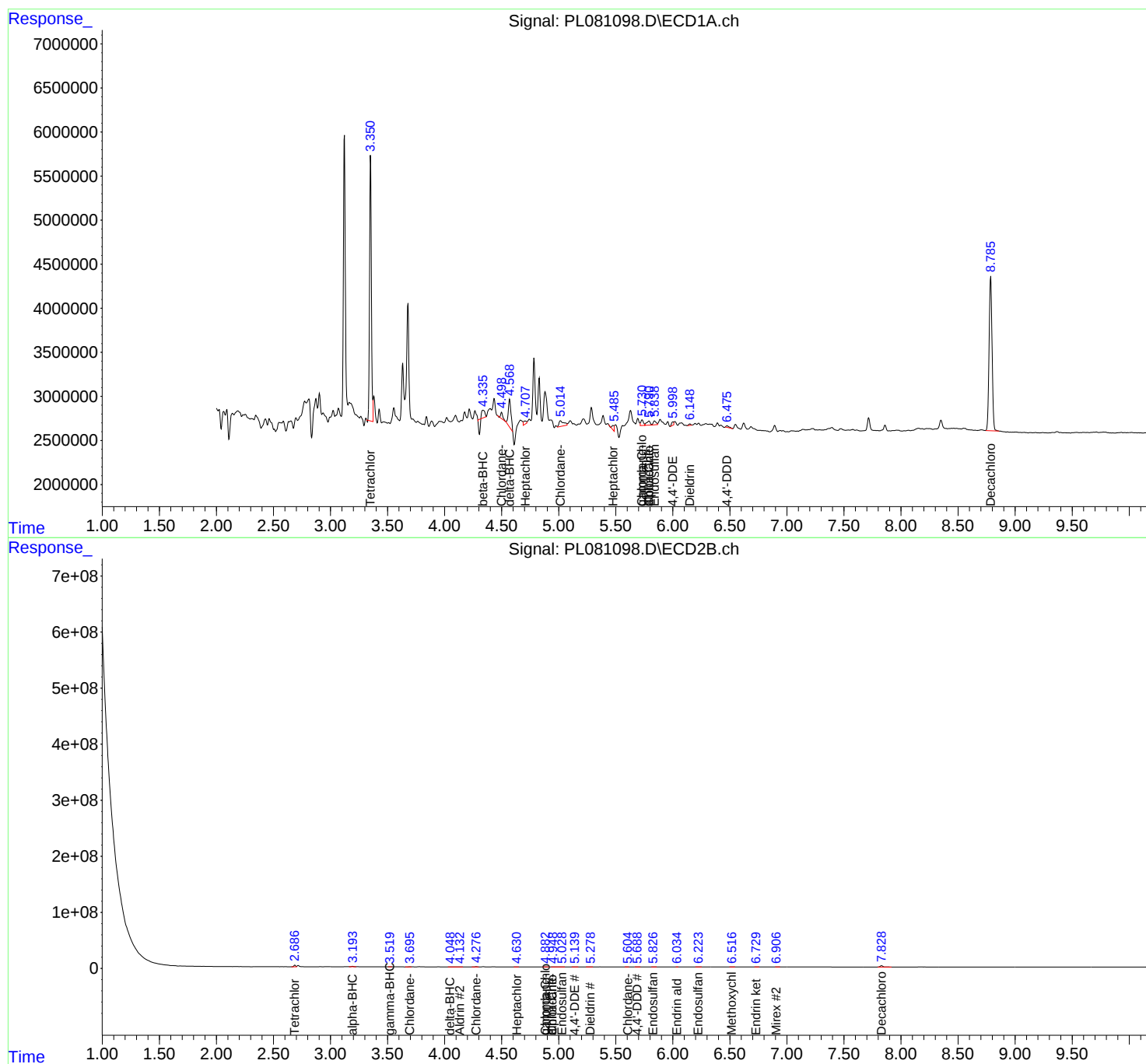
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

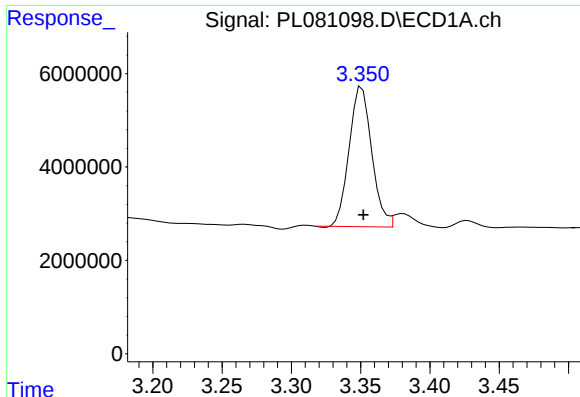
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022232\  
Data File : PL081098.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Feb 2023 13:31  
Operator : AR\AJ  
Sample : 01638-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 23 19:06:22 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022023.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 20 18:06:39 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

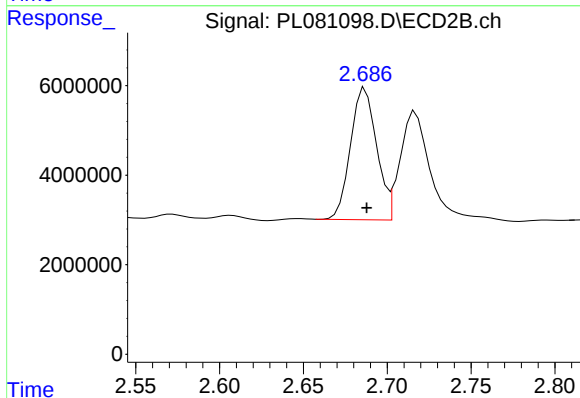




#1 Tetrachloro-m-xylene

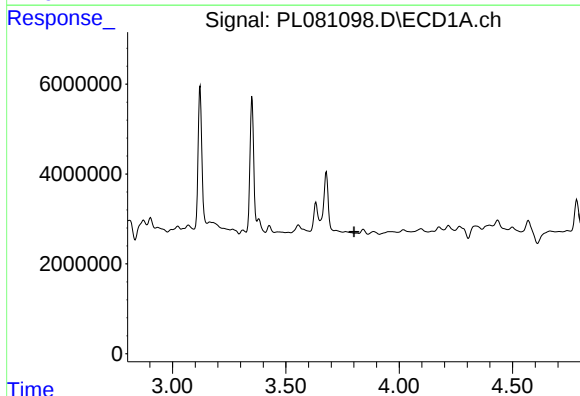
R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 34033567  
Conc: 14.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



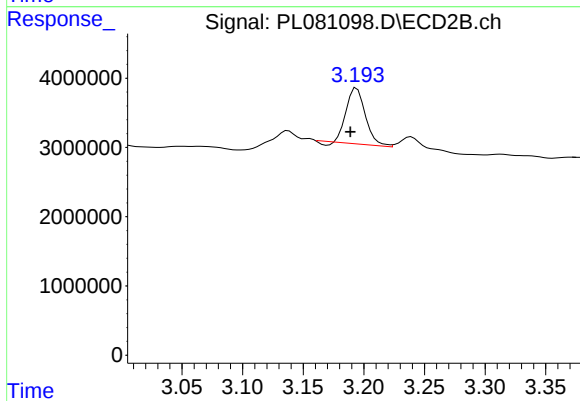
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 31828195  
Conc: 13.83 ng/ml



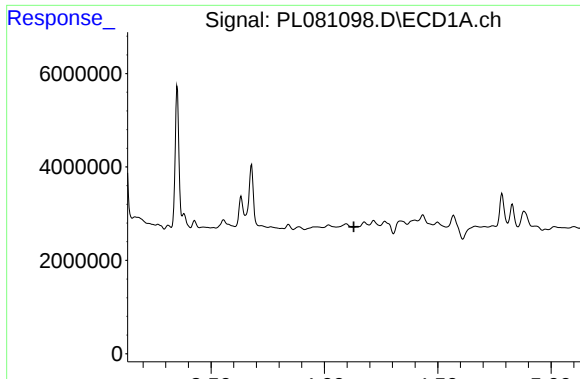
#2 alpha-BHC

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



#2 alpha-BHC

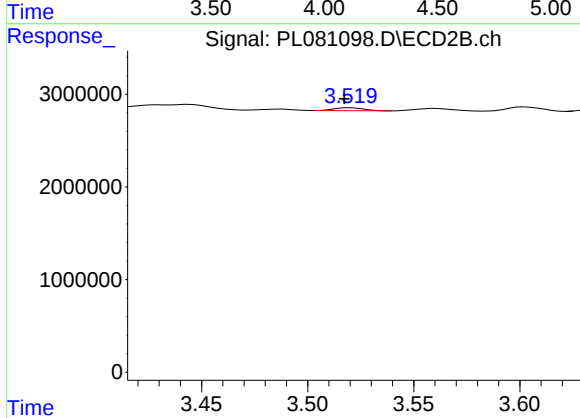
R.T.: 3.194 min  
Delta R.T.: 0.005 min  
Response: 8698268  
Conc: 2.60 ng/ml



#3 gamma-BHC (Lindane)

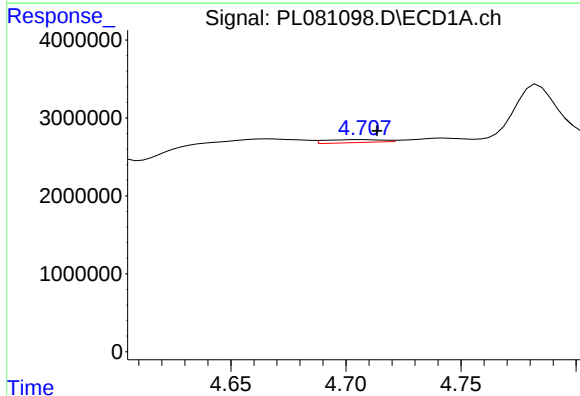
R.T.: 4.147 min  
Delta R.T.: 0.017 min  
Response: -495545  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



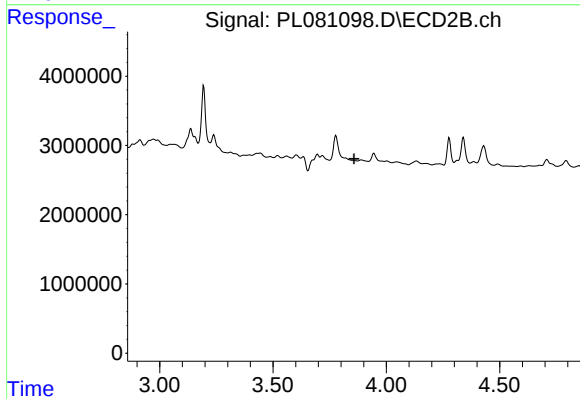
#3 gamma-BHC (Lindane)

R.T.: 3.520 min  
Delta R.T.: 0.003 min  
Response: 305684  
Conc: 0.10 ng/ml



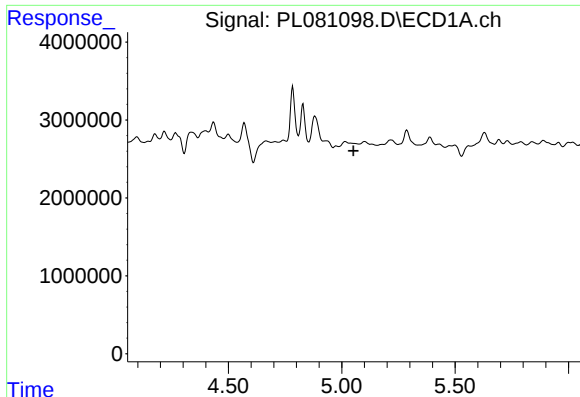
#4 Heptachlor

R.T.: 4.705 min  
Delta R.T.: -0.008 min  
Response: 664099  
Conc: 0.20 ng/ml



#4 Heptachlor

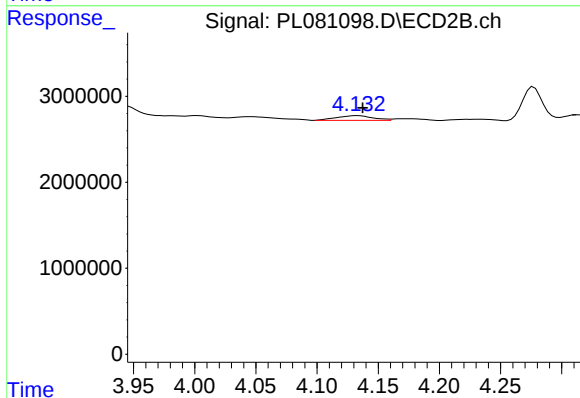
R.T.: 0.000 min  
Exp R.T. : 3.858 min  
Response: 0  
Conc: N.D.



#5 Aldrin

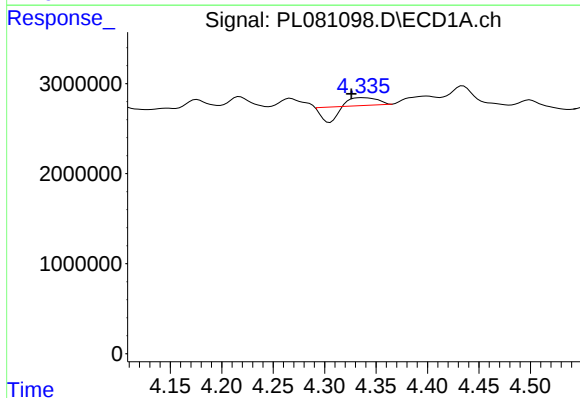
R.T.: 0.000 min  
Exp R.T.: 5.052 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



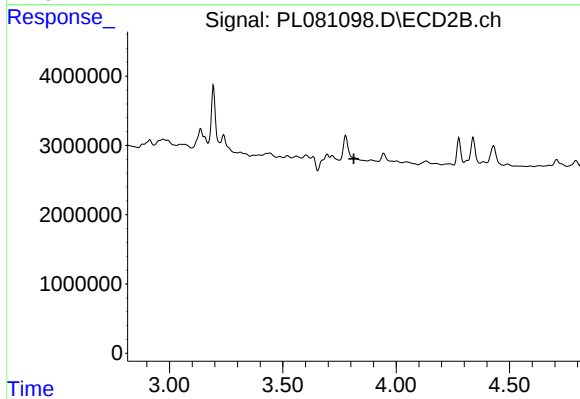
#5 Aldrin

R.T.: 4.133 min  
Delta R.T.: -0.004 min  
Response: 1129690  
Conc: 0.37 ng/ml



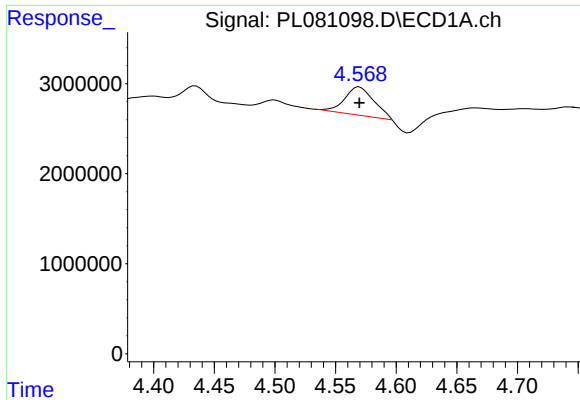
#6 beta-BHC

R.T.: 4.337 min  
Delta R.T.: 0.010 min  
Response: 37702  
Conc: 0.03 ng/ml



#6 beta-BHC

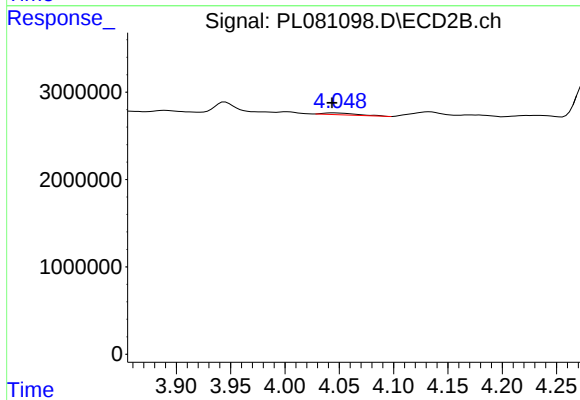
R.T.: 0.000 min  
Exp R.T.: 3.814 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

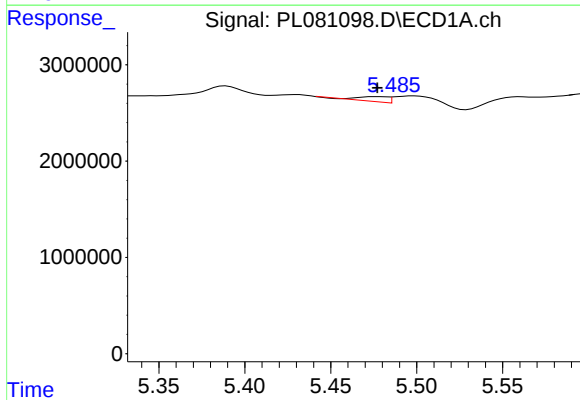
R.T.: 4.570 min  
Delta R.T.: 0.000 min  
Response: 5138138  
Conc: 1.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



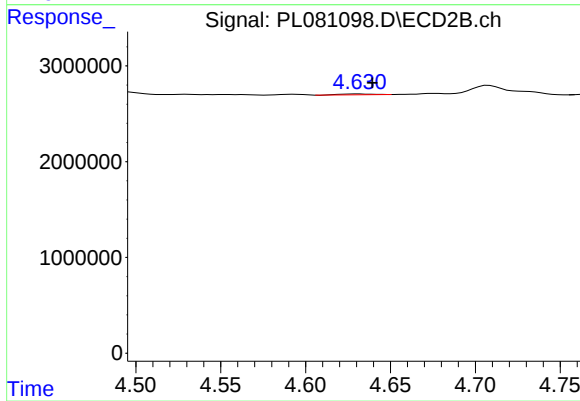
#7 delta-BHC

R.T.: 4.046 min  
Delta R.T.: 0.003 min  
Response: 448468  
Conc: 0.15 ng/ml



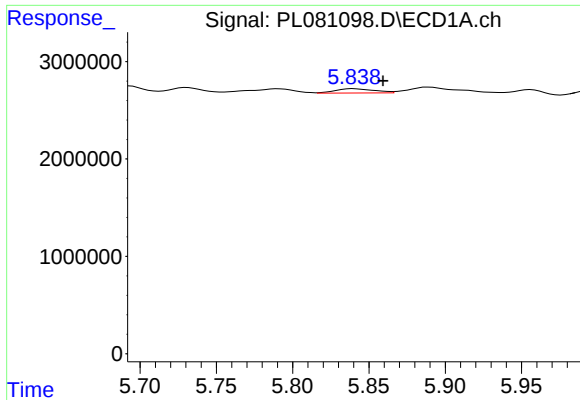
#8 Heptachlor epoxide

R.T.: 5.476 min  
Delta R.T.: -0.001 min  
Response: 594286  
Conc: 0.21 ng/ml



#8 Heptachlor epoxide

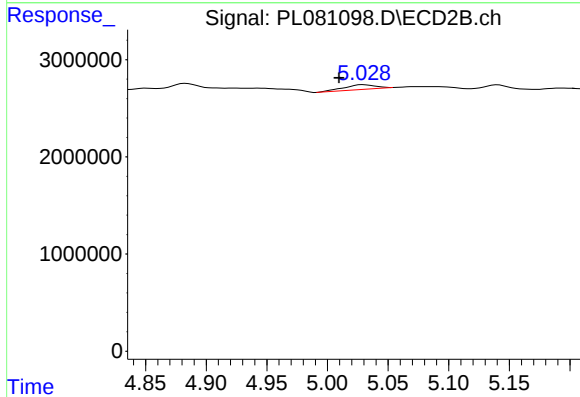
R.T.: 4.631 min  
Delta R.T.: -0.008 min  
Response: 109406  
Conc: 0.04 ng/ml



#9 Endosulfan I

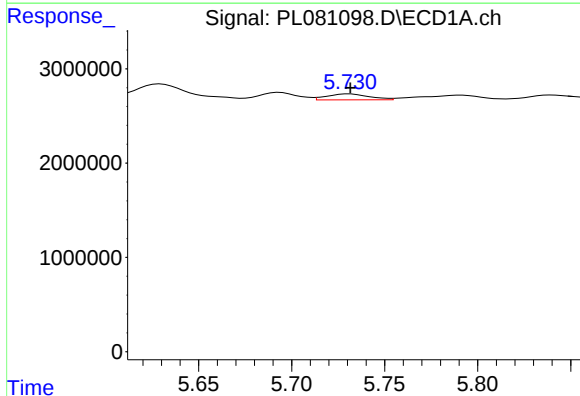
R.T.: 5.840 min  
Delta R.T.: -0.019 min  
Response: 770883  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



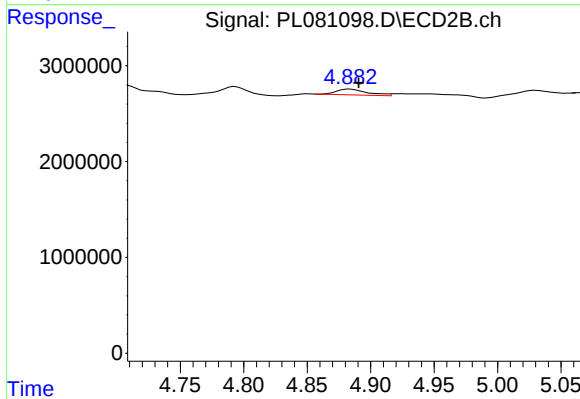
#9 Endosulfan I

R.T.: 5.029 min  
Delta R.T.: 0.020 min  
Response: 880735  
Conc: 0.33 ng/ml



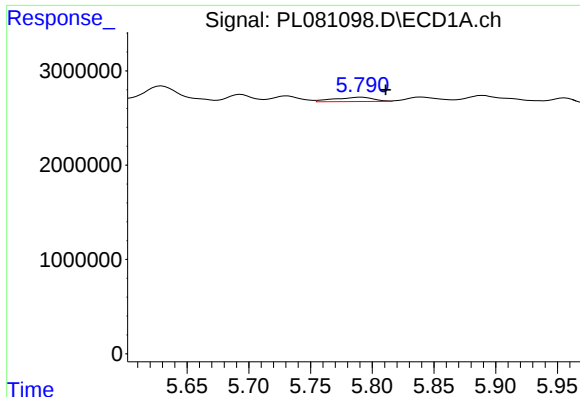
#10 gamma-Chlordane

R.T.: 5.731 min  
Delta R.T.: 0.000 min  
Response: 996876  
Conc: 0.36 ng/ml



#10 gamma-Chlordane

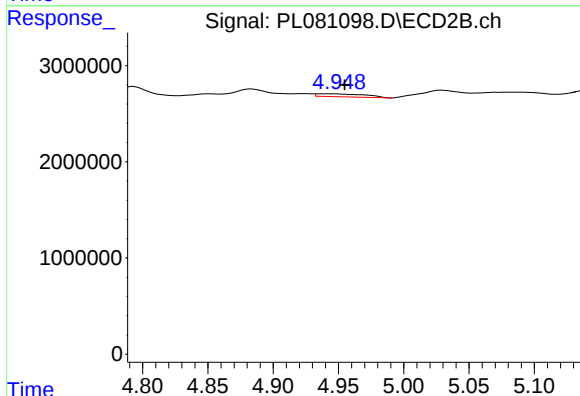
R.T.: 4.883 min  
Delta R.T.: -0.007 min  
Response: 1035992  
Conc: 0.36 ng/ml



#11 alpha-Chlordane

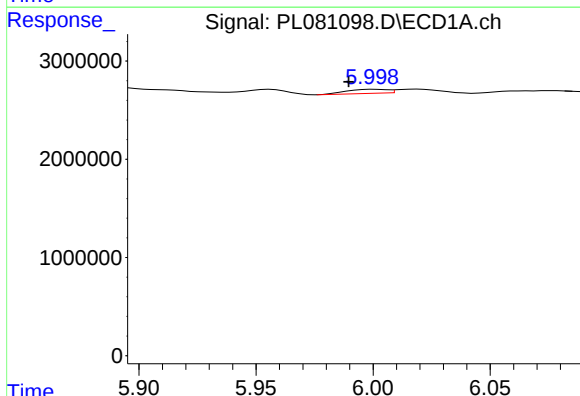
R.T.: 5.791 min  
Delta R.T.: -0.020 min  
Response: 1018838  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



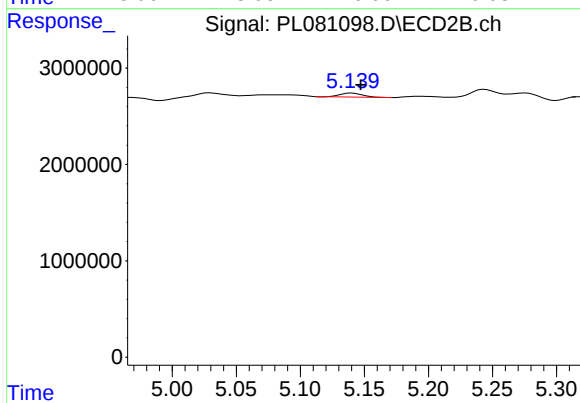
#11 alpha-Chlordane

R.T.: 4.942 min  
Delta R.T.: -0.013 min  
Response: 802331  
Conc: 0.27 ng/ml



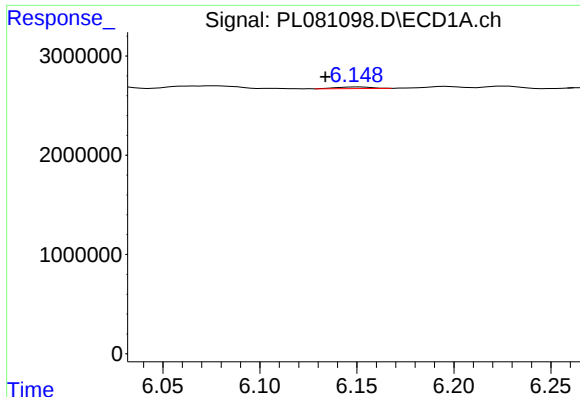
#12 4,4'-DDE

R.T.: 6.001 min  
Delta R.T.: 0.011 min  
Response: 489745  
Conc: 0.20 ng/ml



#12 4,4'-DDE

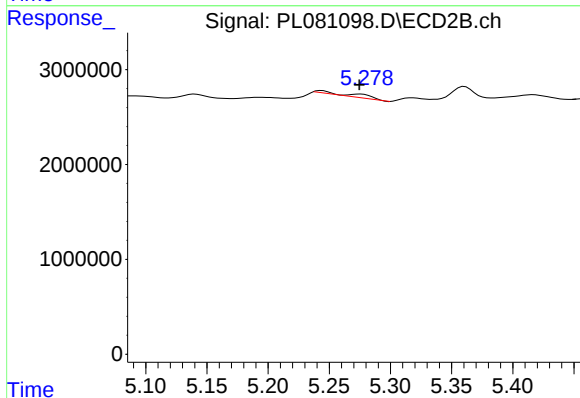
R.T.: 5.140 min  
Delta R.T.: -0.007 min  
Response: 501749  
Conc: 0.21 ng/ml



#13 Dieldrin

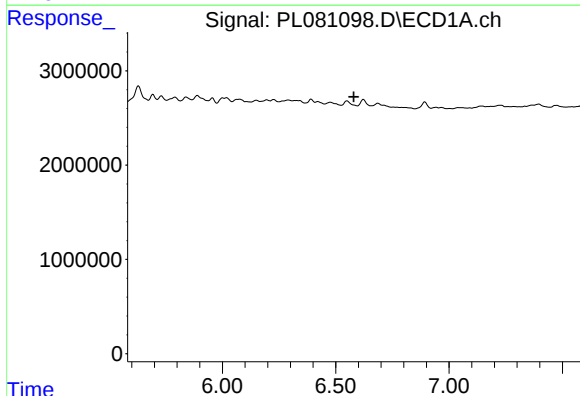
R.T.: 6.151 min  
Delta R.T.: 0.017 min  
Response: 193399  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



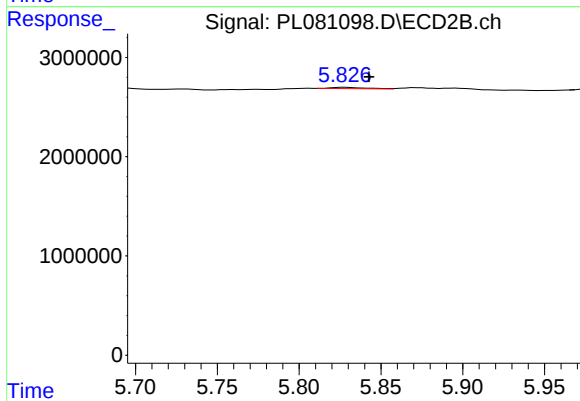
#13 Dieldrin

R.T.: 5.276 min  
Delta R.T.: 0.001 min  
Response: 603230  
Conc: 0.22 ng/ml



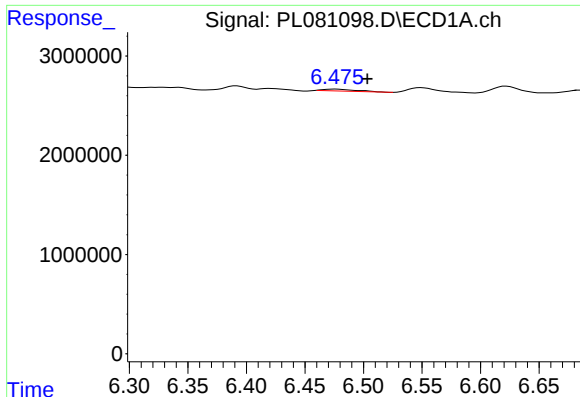
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.580 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

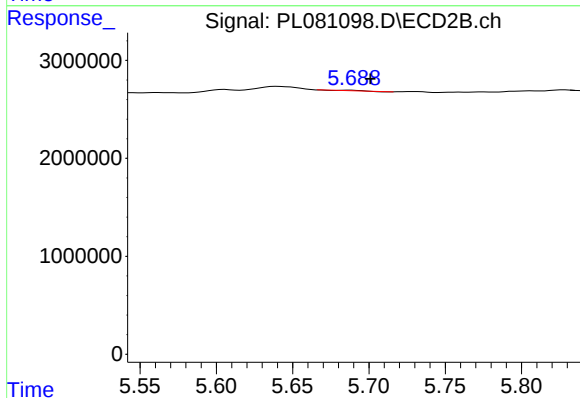
R.T.: 5.828 min  
Delta R.T.: -0.015 min  
Response: 189042  
Conc: 0.08 ng/ml



#16 4,4'-DDD

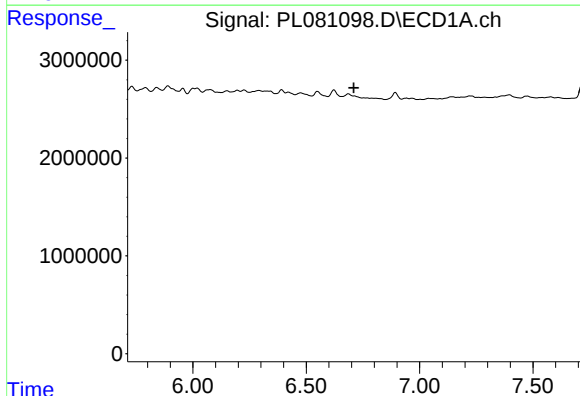
R.T.: 6.476 min  
Delta R.T.: -0.027 min  
Response: 349143  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



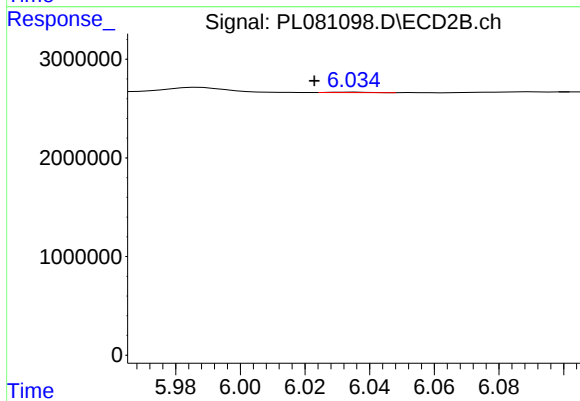
#16 4,4'-DDD

R.T.: 5.688 min  
Delta R.T.: -0.013 min  
Response: 40396  
Conc: 0.02 ng/ml



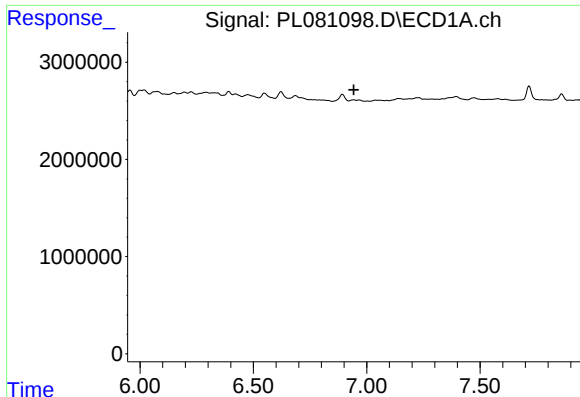
#18 Endrin aldehyde

R.T.: 6.686 min  
Delta R.T.: -0.024 min  
Response: -139414  
Conc: N.D.



#18 Endrin aldehyde

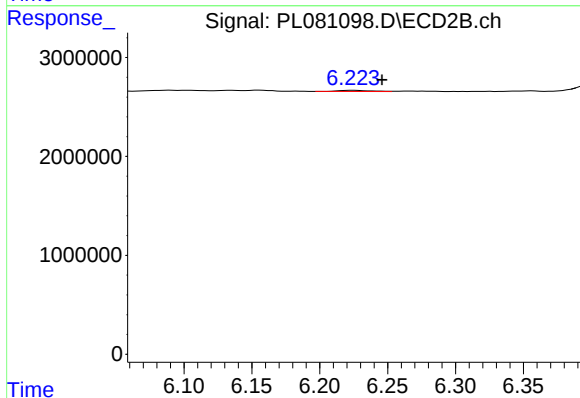
R.T.: 6.035 min  
Delta R.T.: 0.012 min  
Response: 43676  
Conc: 0.02 ng/ml



#19 Endosulfan Sulfate

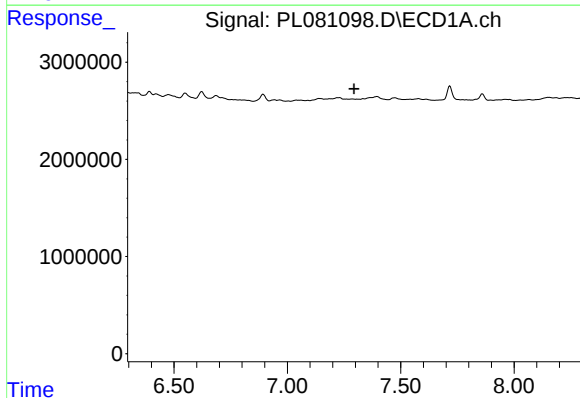
R.T.: 0.000 min  
Exp R.T.: 6.943 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



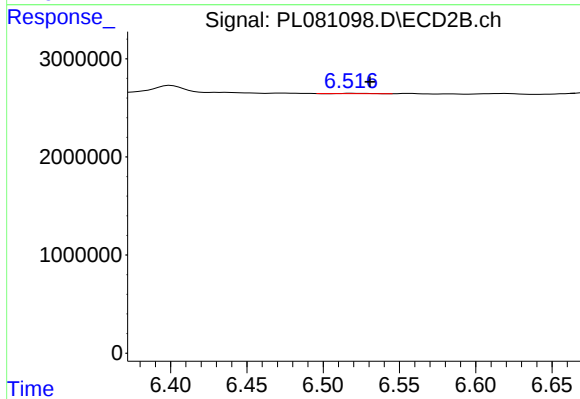
#19 Endosulfan Sulfate

R.T.: 6.224 min  
Delta R.T.: -0.022 min  
Response: 190723  
Conc: 0.08 ng/ml



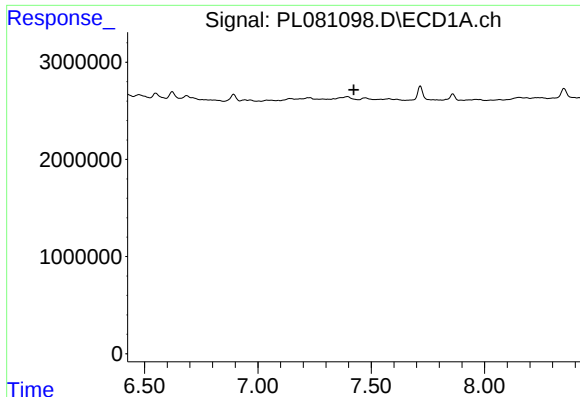
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.295 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

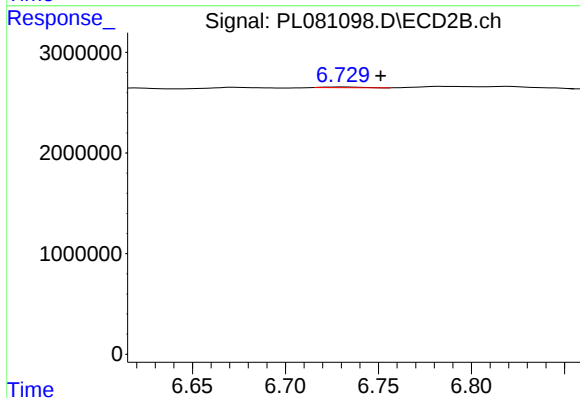
R.T.: 6.518 min  
Delta R.T.: -0.012 min  
Response: 29756  
Conc: 0.02 ng/ml



#21 Endrin ketone

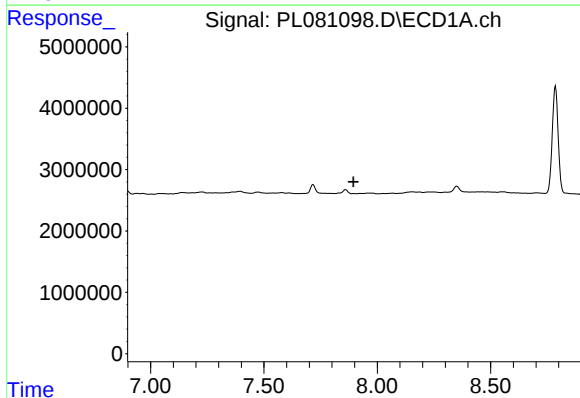
R.T.: 0.000 min  
Exp R.T.: 7.423 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



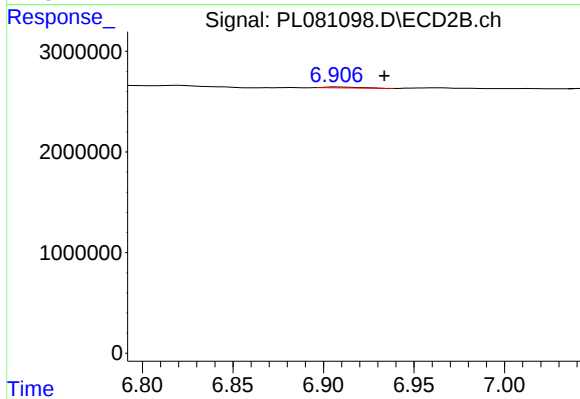
#21 Endrin ketone

R.T.: 6.731 min  
Delta R.T.: -0.020 min  
Response: 88402  
Conc: 0.03 ng/ml



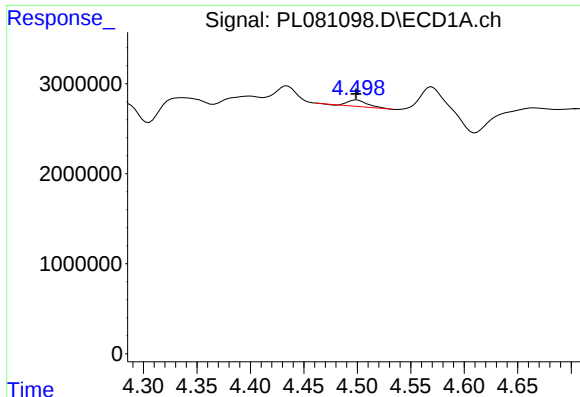
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 7.895 min  
Response: 0  
Conc: N.D.



#22 Mirex

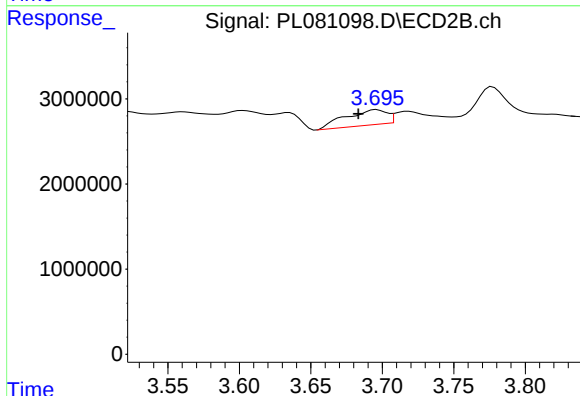
R.T.: 6.907 min  
Delta R.T.: -0.026 min  
Response: 134717  
Conc: 0.06 ng/ml



#23 Chlordane-1

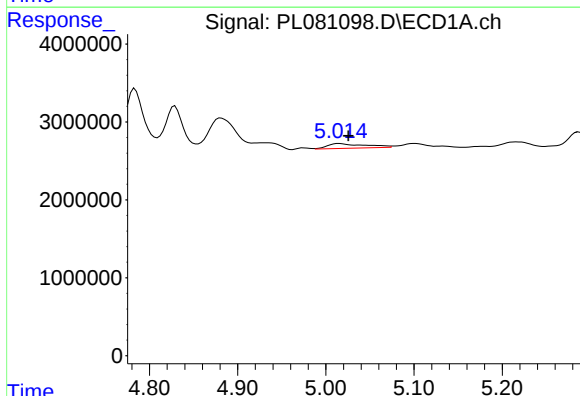
R.T.: 4.500 min  
Delta R.T.: 0.000 min  
Response: 861594  
Conc: 9.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



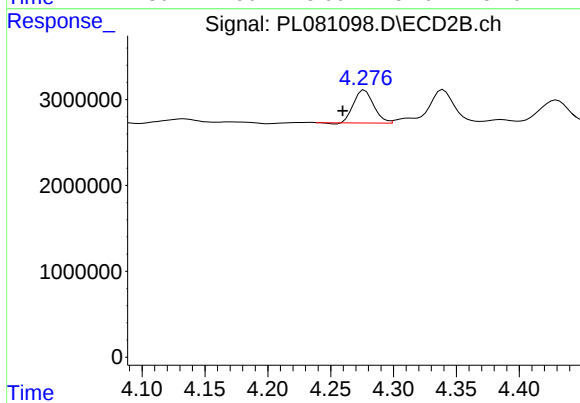
#23 Chlordane-1

R.T.: 3.696 min  
Delta R.T.: 0.013 min  
Response: 3602169  
Conc: 44.18 ng/ml



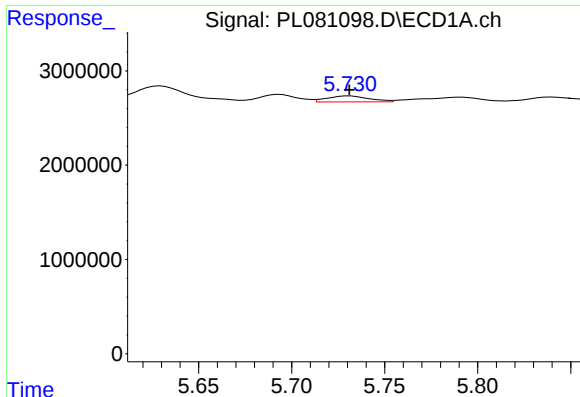
#24 Chlordane-2

R.T.: 5.015 min  
Delta R.T.: -0.010 min  
Response: 1854521  
Conc: 18.24 ng/ml



#24 Chlordane-2

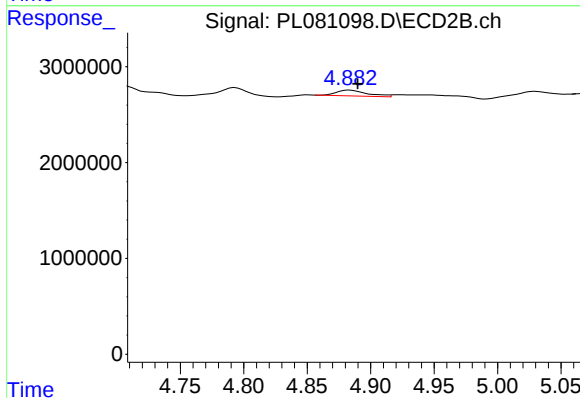
R.T.: 4.277 min  
Delta R.T.: 0.017 min  
Response: 4223638  
Conc: 46.47 ng/ml



#25 Chlordane-3

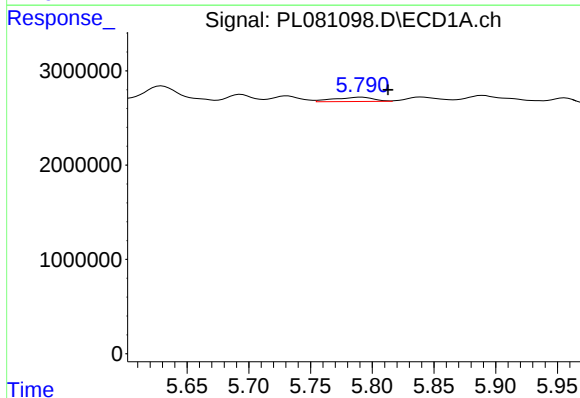
R.T.: 5.731 min  
Delta R.T.: 0.000 min  
Response: 996876  
Conc: 2.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



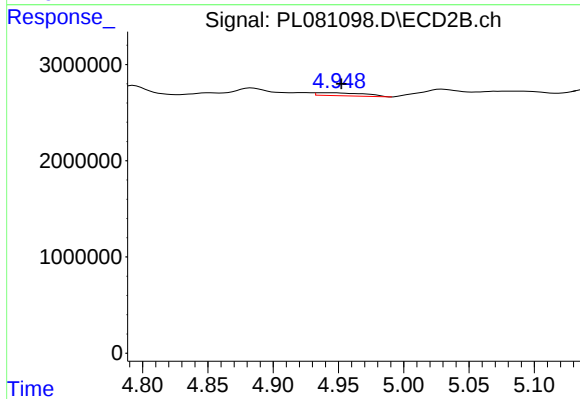
#25 Chlordane-3

R.T.: 4.883 min  
Delta R.T.: -0.006 min  
Response: 1035992  
Conc: 3.94 ng/ml



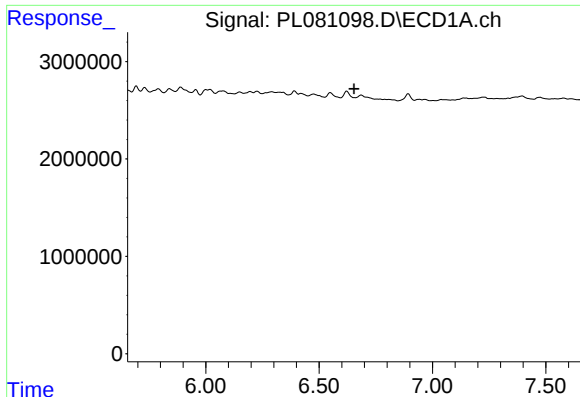
#26 Chlordane-4

R.T.: 5.791 min  
Delta R.T.: -0.022 min  
Response: 1018838  
Conc: 2.20 ng/ml



#26 Chlordane-4

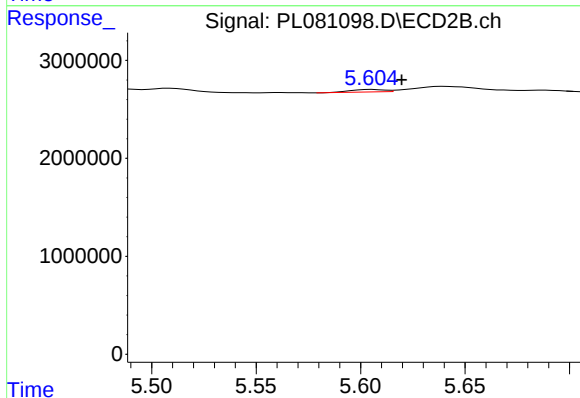
R.T.: 4.942 min  
Delta R.T.: -0.010 min  
Response: 802331  
Conc: 2.99 ng/ml



#27 Chlordane-5

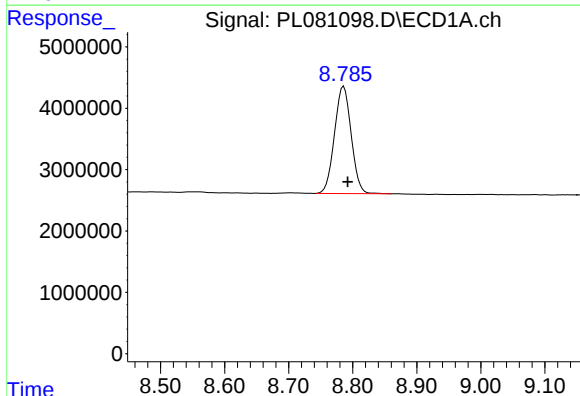
R.T.: 0.000 min  
Exp R.T.: 6.655 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



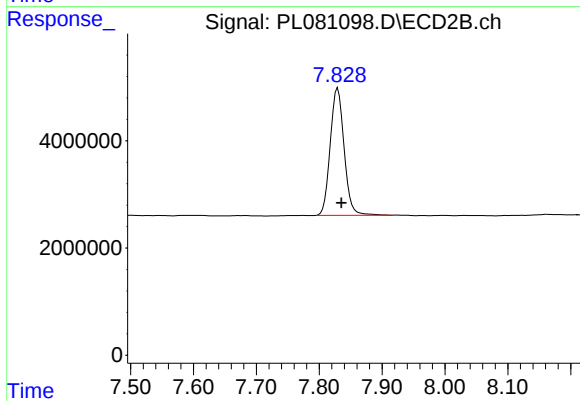
#27 Chlordane-5

R.T.: 5.605 min  
Delta R.T.: -0.014 min  
Response: 279714  
Conc: 3.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.786 min  
Delta R.T.: -0.006 min  
Response: 31619887  
Conc: 16.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.829 min  
Delta R.T.: -0.006 min  
Response: 36377818  
Conc: 15.53 ng/ml