

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021723\  
 Data File : PL081013.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Feb 2023 18:12  
 Operator : AR\AJ  
 Sample : 01595-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 S-322-2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 17 22:15:39 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... | 3.352  | 2.688  | 54790800 | 43126227 | 25.545 | 19.634  |
| 28)                         | SA Decachlor... | 8.790  | 7.832  | 31762907 | 37619900 | 18.142 | 15.790  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.182  | 0        | 233532   | N.D.   | 0.073 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.544f | 0        | 360293   | N.D.   | 0.121 # |
| 4)                          | MA Heptachlor   | 4.704  | 3.874  | 1174610  | 117445   | 0.397  | 0.037 # |
| 5)                          | MB Aldrin       | 5.034f | 4.149  | 198885   | 575723   | 0.073  | 0.195 # |
| 6)                          | B beta-BHC      | 4.311  | 3.822  | 3258239  | 337970   | 2.387  | 0.253 # |
| 7)                          | B delta-BHC     | 4.566  | 4.037  | 2030493  | 260996   | 0.701  | 0.090 # |
| 8)                          | B Heptachlo...  | 0.000  | 4.627f | 0        | 402019   | N.D.   | 0.144 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.019  | 0        | 5553     | N.D.   | 0.002 # |
| 10)                         | B gamma-Chl...  | 0.000  | 4.911f | 0        | 70641    | N.D.   | 0.025 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.942f | 0        | 216154   | N.D.   | 0.075 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.134f | 0        | 11695    | N.D.   | 0.005 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.283  | 0        | 35721    | N.D.   | 0.013 # |
| 14)                         | MA Endrin       | 0.000  | 5.567  | 0        | 33249    | N.D.   | 0.014 # |
| 16)                         | A 4,4'-DDD      | 6.506  | 0.000  | 212271   | 0        | 0.116  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.822  | 5.966  | 1055252  | 287165   | 0.508  | 0.137 # |
| 18)                         | B Endrin al...  | 0.000  | 6.021  | 0        | 39106    | N.D.   | 0.021 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.522  | 0        | 13579    | N.D.   | 0.011 # |
| 23)                         | Chlordane-1     | 0.000  | 3.698  | 0        | 798801   | N.D.   | 9.810 # |
| 24)                         | Chlordane-2     | 5.034  | 4.290f | 198885   | 5658     | 2.062  | 0.063 # |
| 25)                         | Chlordane-3     | 0.000  | 4.911f | 0        | 70641    | N.D.   | 0.268 # |
| 26)                         | Chlordane-4     | 0.000  | 4.942f | 0        | 216154   | N.D.   | 0.803 # |
| 27)                         | Chlordane-5     | 0.000  | 5.637  | 0        | 485448   | N.D.   | 6.822 # |
| -----                       |                 |        |        |          |          |        |         |

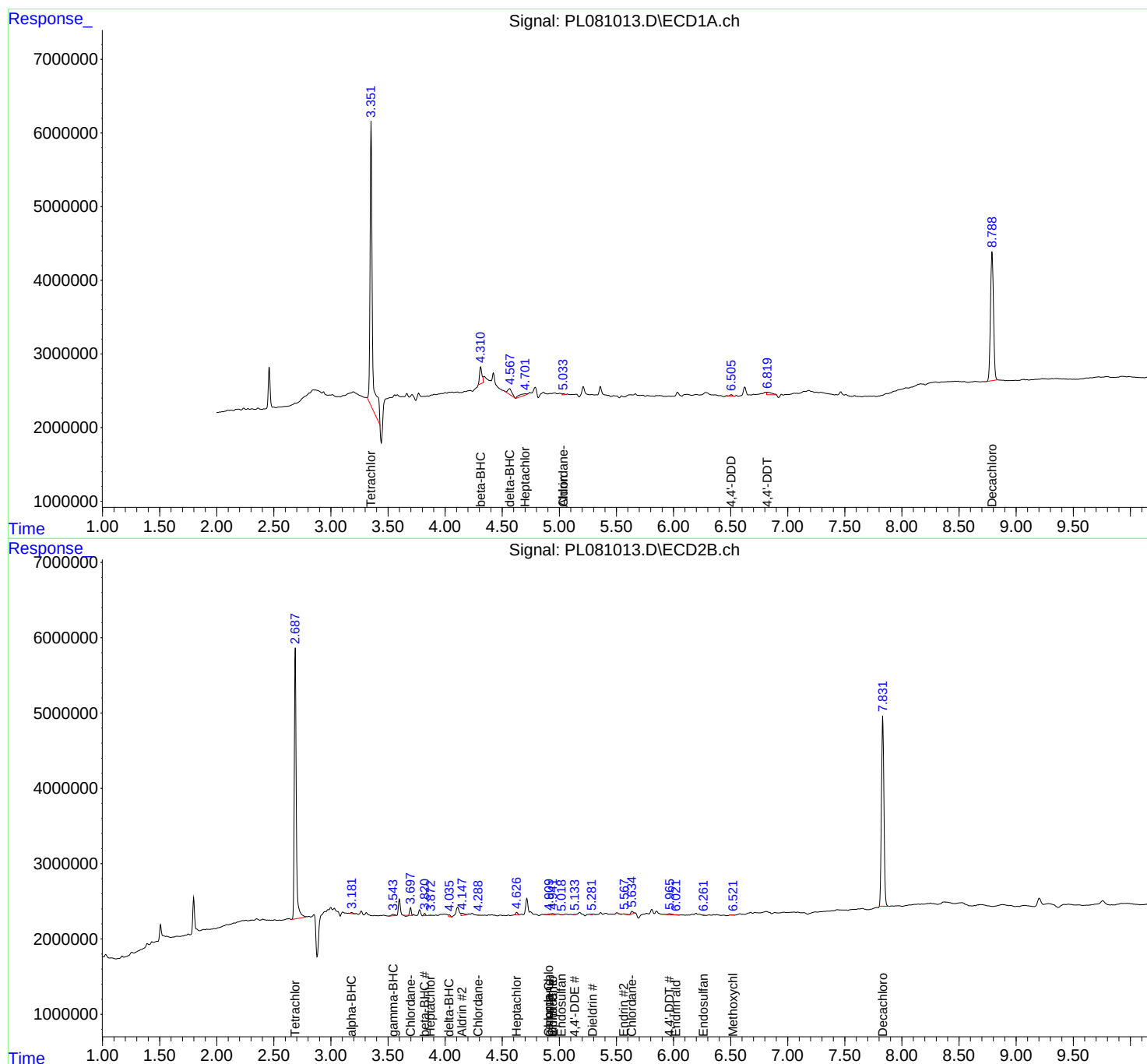
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

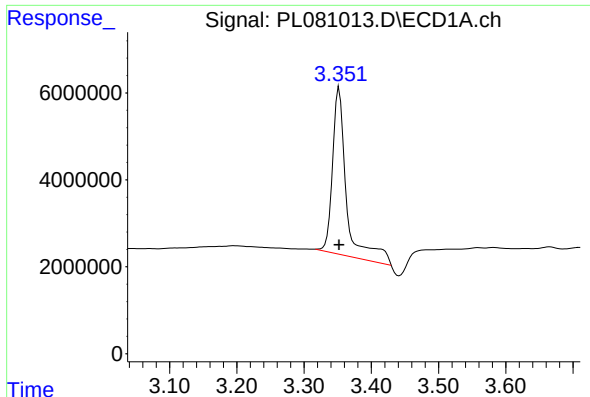
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021723\  
Data File : PL081013.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Feb 2023 18:12  
Operator : AR\AJ  
Sample : 01595-02  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 17 22:15:39 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  
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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

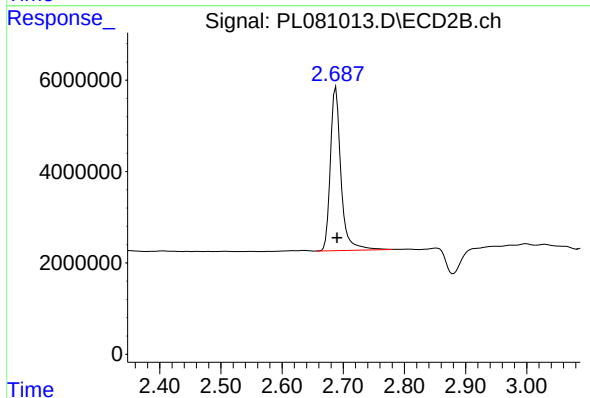




#1 Tetrachloro-m-xylene

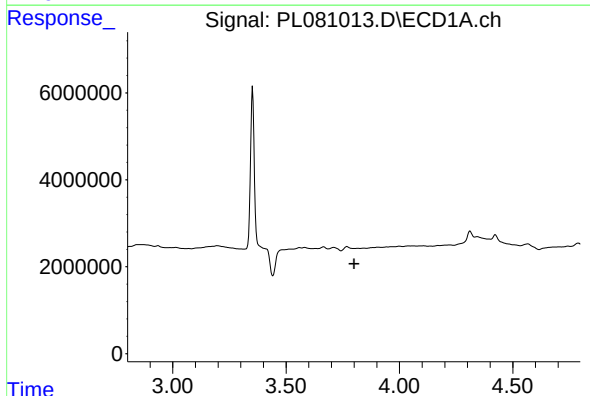
R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 54790800  
Conc: 25.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2



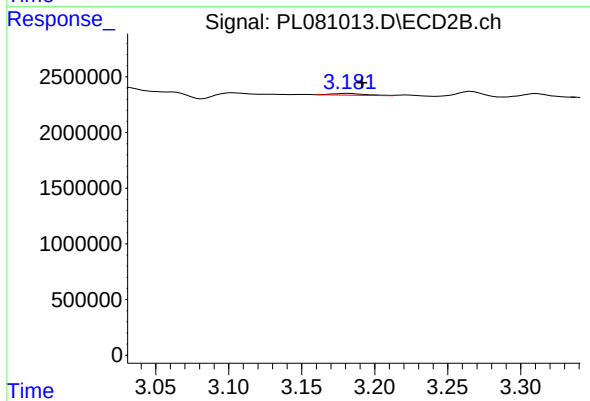
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: -0.002 min  
Response: 43126227  
Conc: 19.63 ng/ml



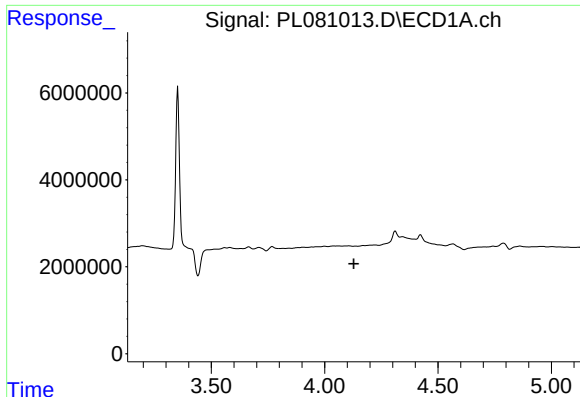
#2 alpha-BHC

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



#2 alpha-BHC

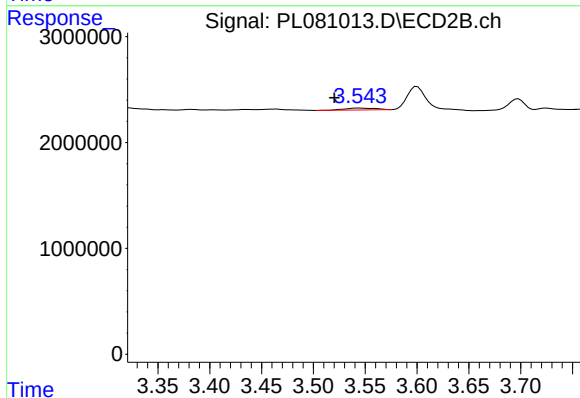
R.T.: 3.182 min  
Delta R.T.: -0.009 min  
Response: 233532  
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

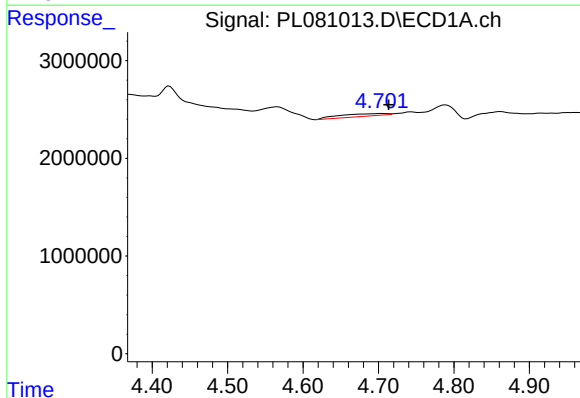
R.T.: 0.000 min  
Exp R.T.: 4.129 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2



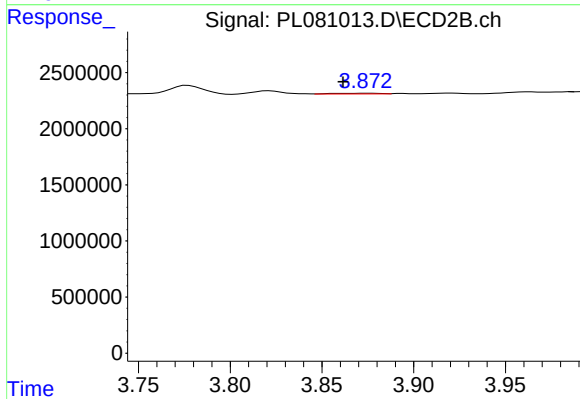
#3 gamma-BHC (Lindane)

R.T.: 3.544 min  
Delta R.T.: 0.024 min  
Response: 360293  
Conc: 0.12 ng/ml



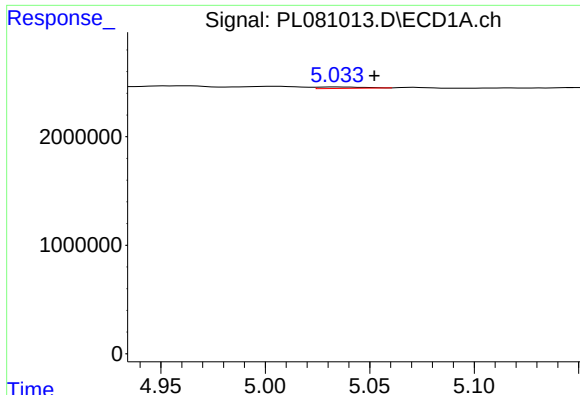
#4 Heptachlor

R.T.: 4.704 min  
Delta R.T.: -0.010 min  
Response: 1174610  
Conc: 0.40 ng/ml



#4 Heptachlor

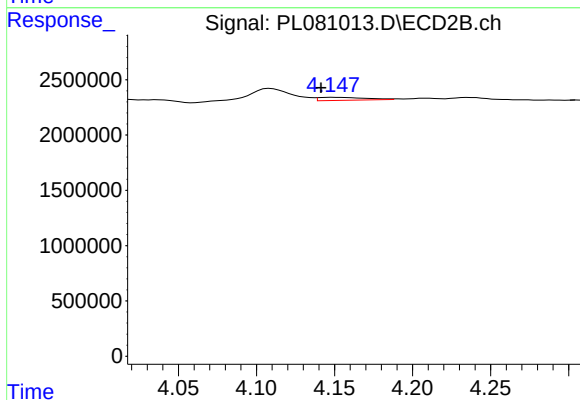
R.T.: 3.874 min  
Delta R.T.: 0.013 min  
Response: 117445  
Conc: 0.04 ng/ml



#5 Aldrin

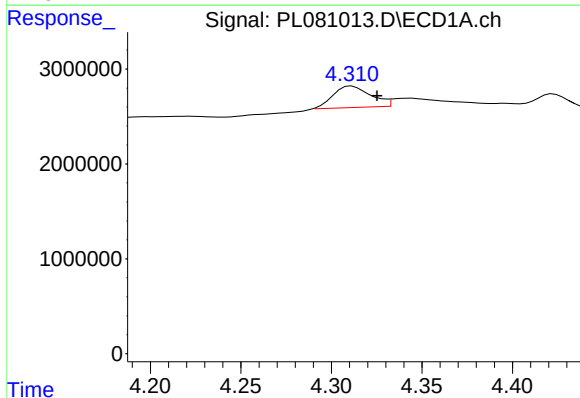
R.T.: 5.034 min  
Delta R.T.: -0.018 min  
Response: 198885  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2



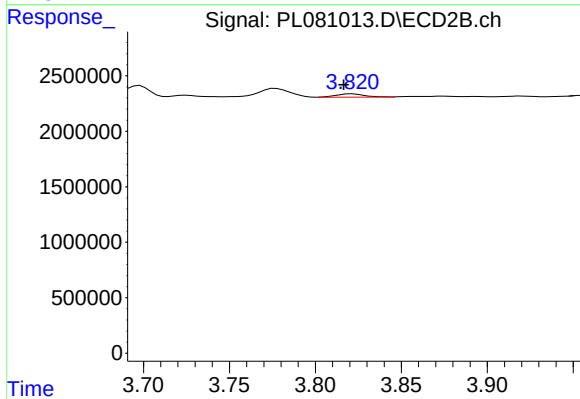
#5 Aldrin

R.T.: 4.149 min  
Delta R.T.: 0.008 min  
Response: 575723  
Conc: 0.20 ng/ml



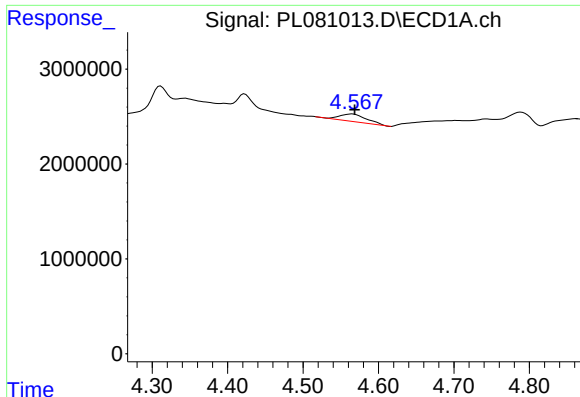
#6 beta-BHC

R.T.: 4.311 min  
Delta R.T.: -0.014 min  
Response: 3258239  
Conc: 2.39 ng/ml



#6 beta-BHC

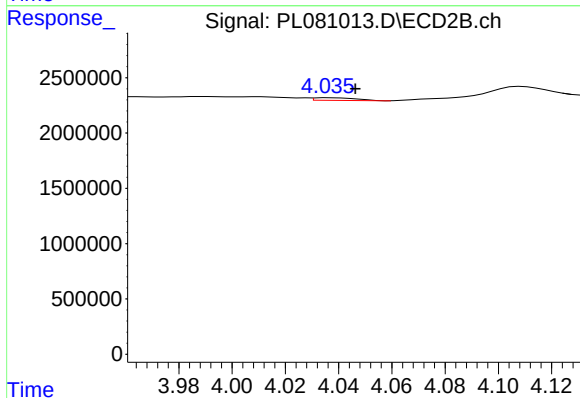
R.T.: 3.822 min  
Delta R.T.: 0.005 min  
Response: 337970  
Conc: 0.25 ng/ml



#7 delta-BHC

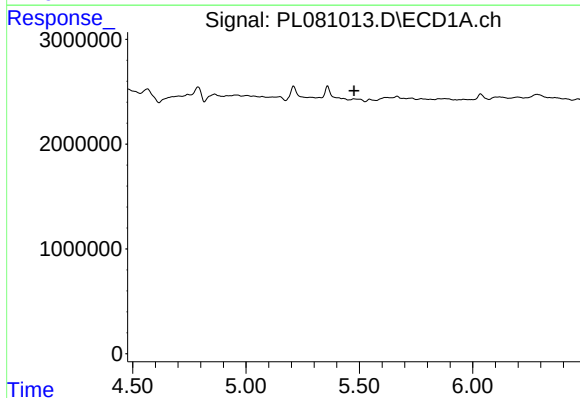
R.T.: 4.566 min  
Delta R.T.: -0.003 min  
Response: 2030493  
Conc: 0.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2



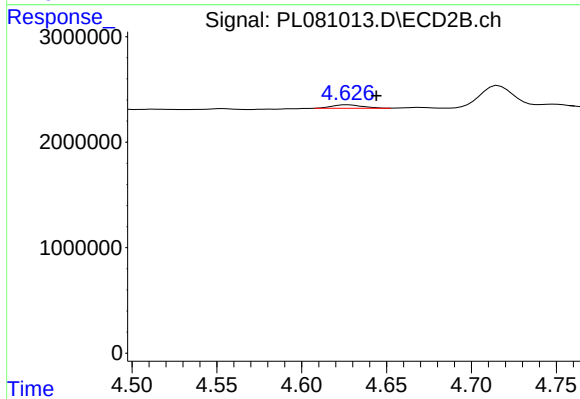
#7 delta-BHC

R.T.: 4.037 min  
Delta R.T.: -0.010 min  
Response: 260996  
Conc: 0.09 ng/ml



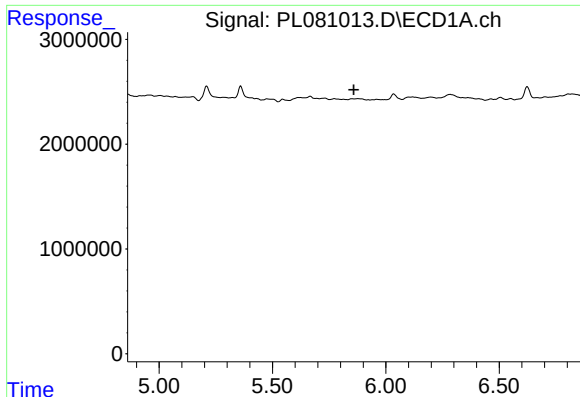
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.477 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

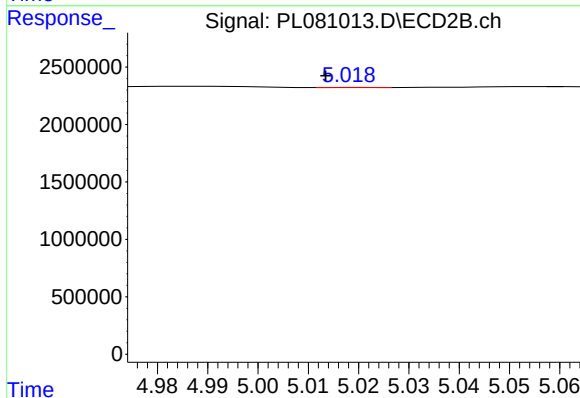
R.T.: 4.627 min  
Delta R.T.: -0.017 min  
Response: 402019  
Conc: 0.14 ng/ml



#9 Endosulfan I

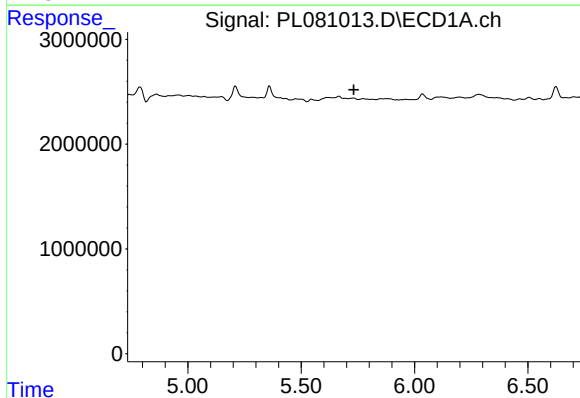
R.T.: 0.000 min  
Exp R.T.: 5.859 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2



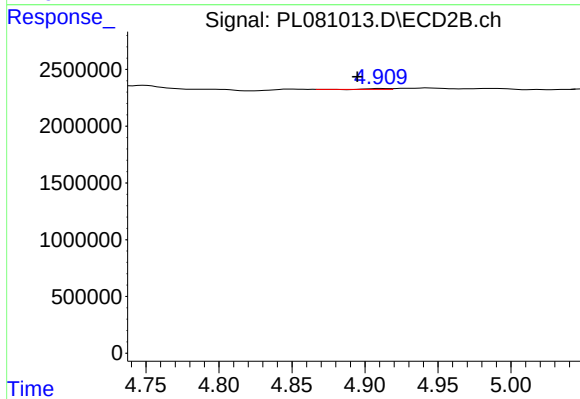
#9 Endosulfan I

R.T.: 5.019 min  
Delta R.T.: 0.006 min  
Response: 5553  
Conc: 0.00 ng/ml



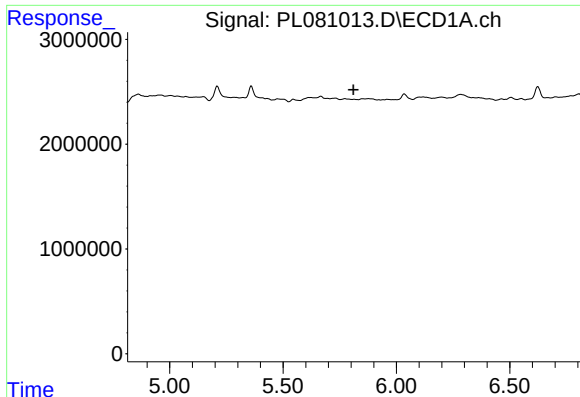
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.732 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

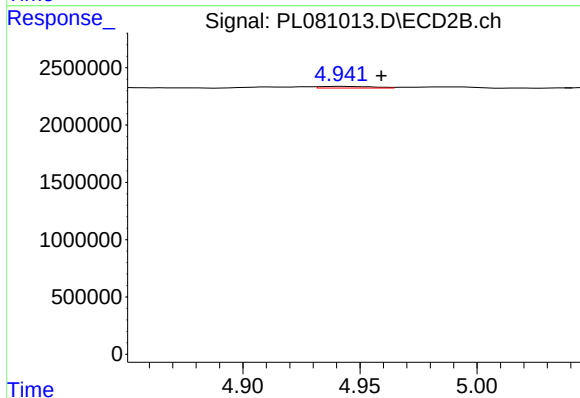
R.T.: 4.911 min  
Delta R.T.: 0.016 min  
Response: 70641  
Conc: 0.02 ng/ml



#11 alpha-Chlordane

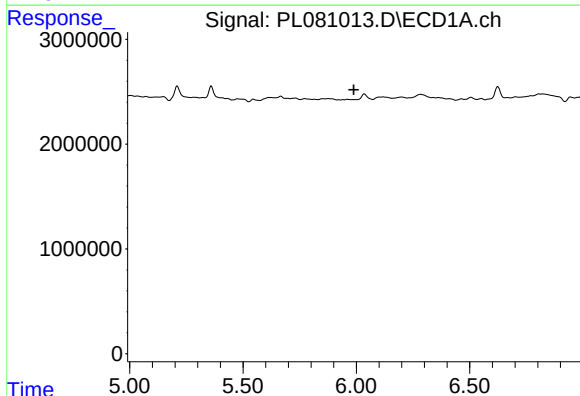
R.T.: 0.000 min  
Exp R.T.: 5.811 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2



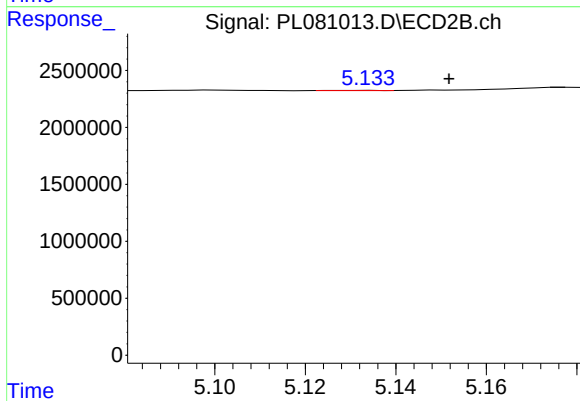
#11 alpha-Chlordane

R.T.: 4.942 min  
Delta R.T.: -0.017 min  
Response: 216154  
Conc: 0.08 ng/ml



#12 4,4'-DDE

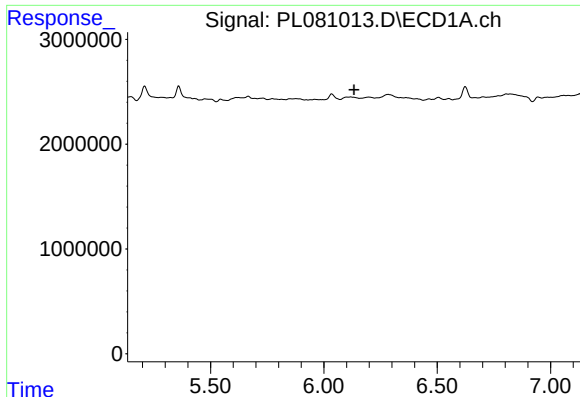
R.T.: 0.000 min  
Exp R.T.: 5.989 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.134 min  
Delta R.T.: -0.018 min  
Response: 11695  
Conc: 0.00 ng/ml

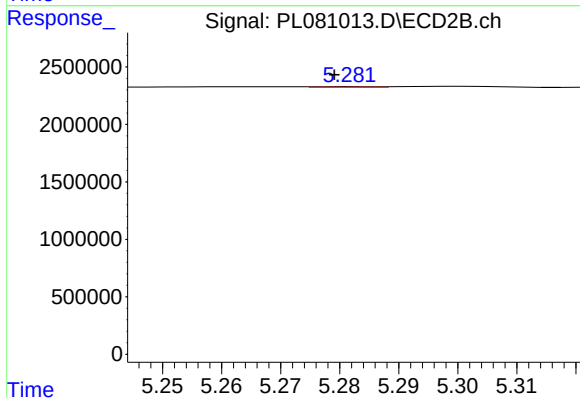




#13 Dieldrin

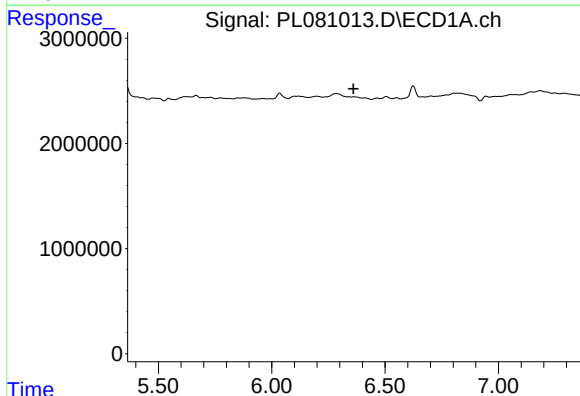
R.T.: 0.000 min  
Exp R.T.: 6.133 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2



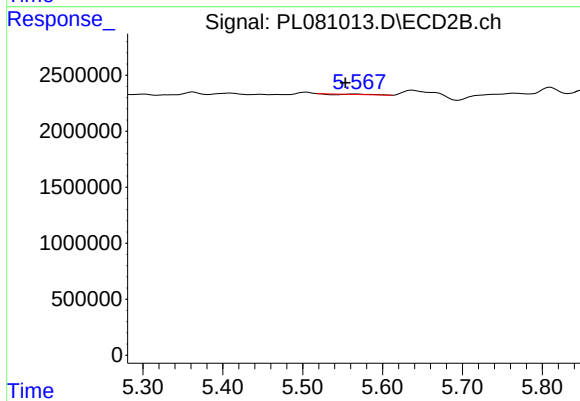
#13 Dieldrin

R.T.: 5.283 min  
Delta R.T.: 0.004 min  
Response: 35721  
Conc: 0.01 ng/ml



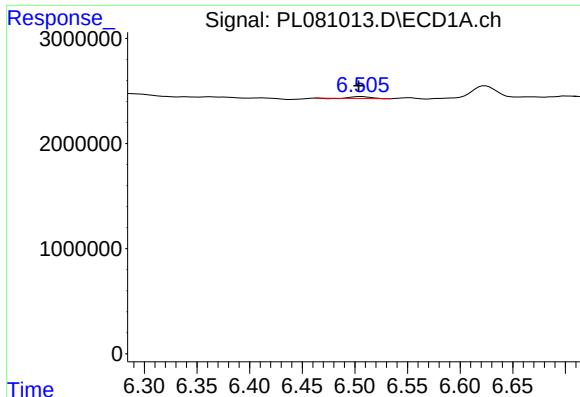
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.361 min  
Response: 0  
Conc: N.D.



#14 Endrin

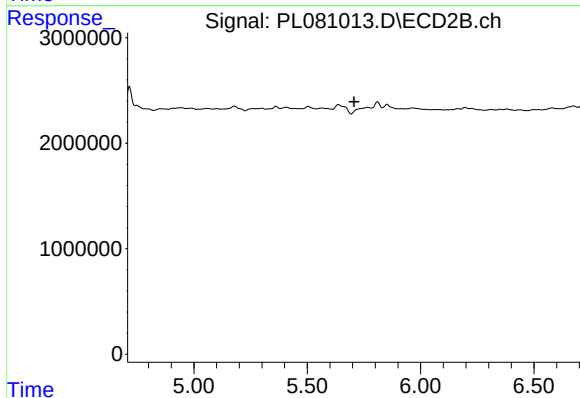
R.T.: 5.567 min  
Delta R.T.: 0.013 min  
Response: 33249  
Conc: 0.01 ng/ml



#16 4,4'-DDD

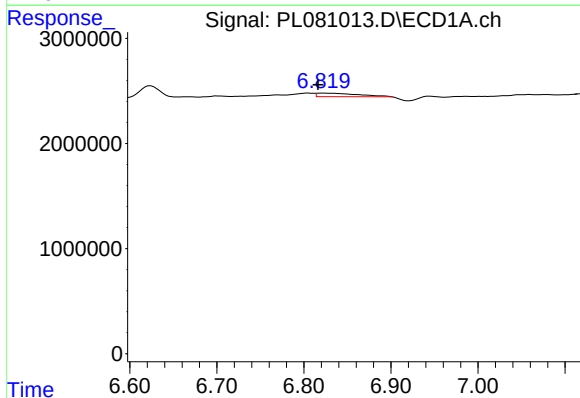
R.T.: 6.506 min  
Delta R.T.: 0.003 min  
Response: 212271  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2



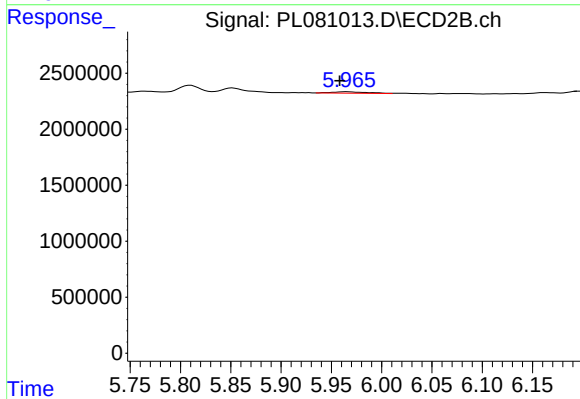
#16 4,4'-DDD

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



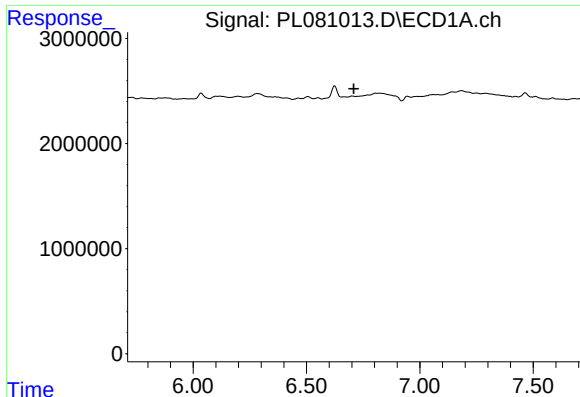
#17 4,4'-DDT

R.T.: 6.822 min  
Delta R.T.: 0.005 min  
Response: 1055252  
Conc: 0.51 ng/ml



#17 4,4'-DDT

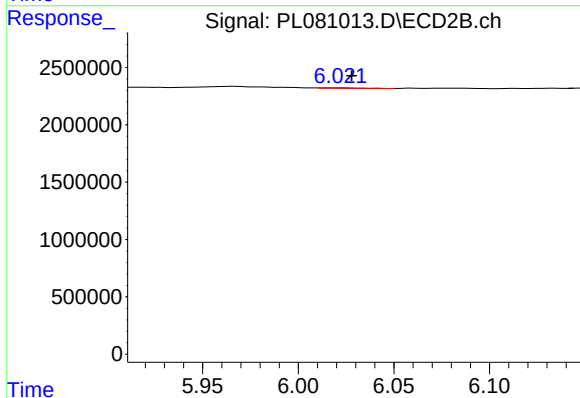
R.T.: 5.966 min  
Delta R.T.: 0.008 min  
Response: 287165  
Conc: 0.14 ng/ml



#18 Endrin aldehyde

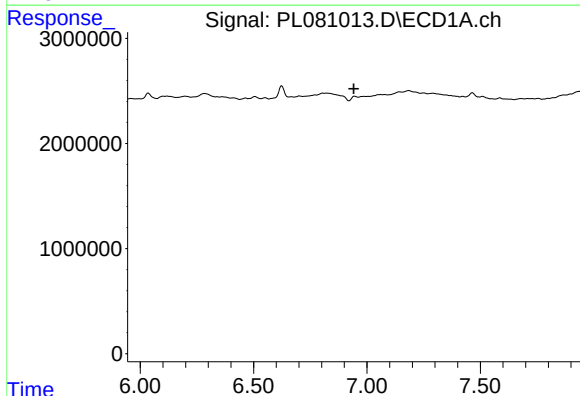
R.T.: 0.000 min  
Exp R.T.: 6.709 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2



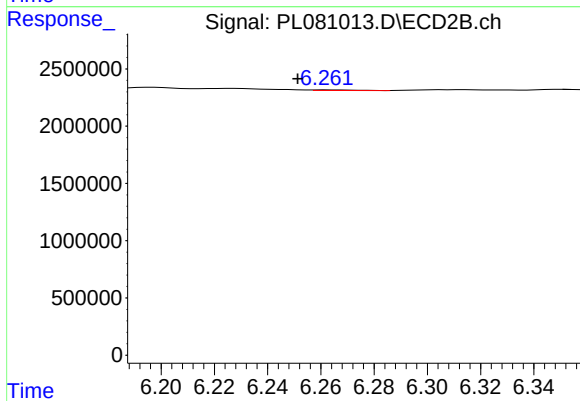
#18 Endrin aldehyde

R.T.: 6.021 min  
Delta R.T.: -0.007 min  
Response: 39106  
Conc: 0.02 ng/ml



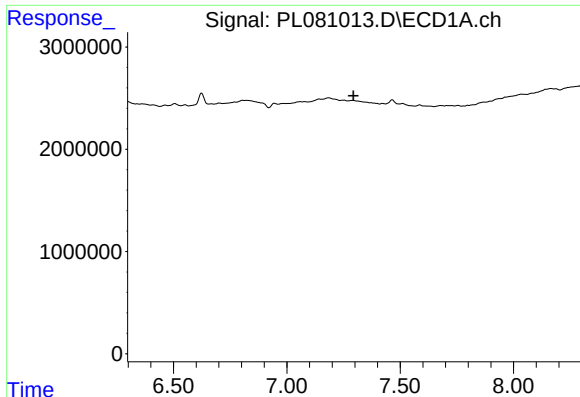
#19 Endosulfan Sulfate

R.T.: 6.945 min  
Delta R.T.: 0.002 min  
Response: -76730  
Conc: N.D.



#19 Endosulfan Sulfate

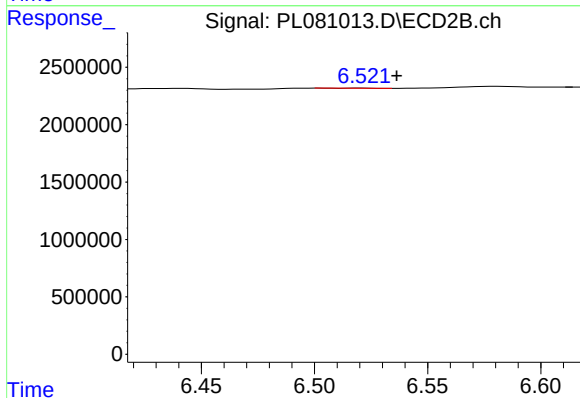
R.T.: 6.263 min  
Delta R.T.: 0.012 min  
Response: 53683  
Conc: 0.02 ng/ml



#20 Methoxychlor

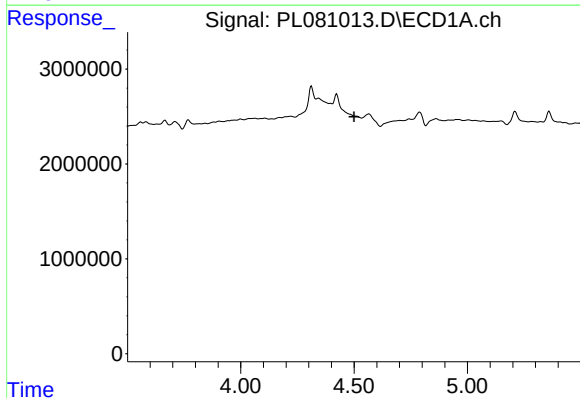
R.T.: 0.000 min  
Exp R.T.: 7.294 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2



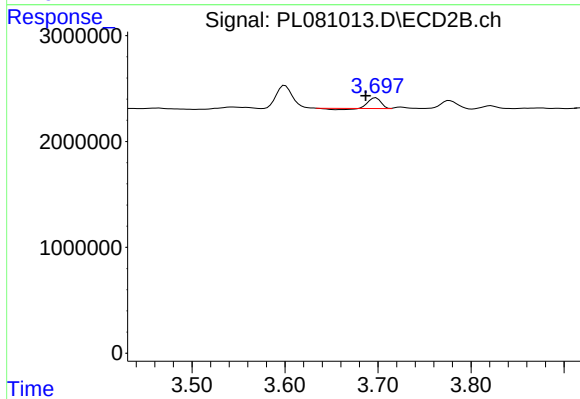
#20 Methoxychlor

R.T.: 6.522 min  
Delta R.T.: -0.015 min  
Response: 13579  
Conc: 0.01 ng/ml



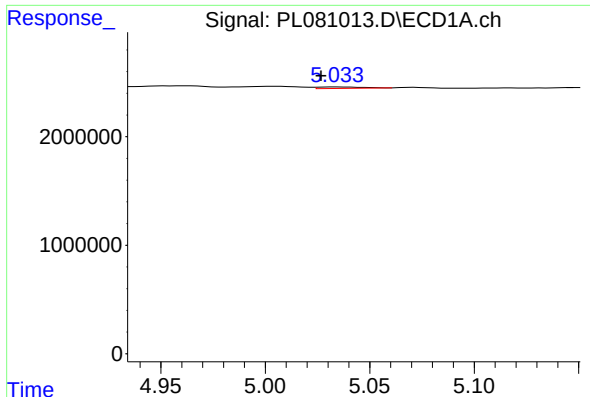
#23 Chlordane-1

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



#23 Chlordane-1

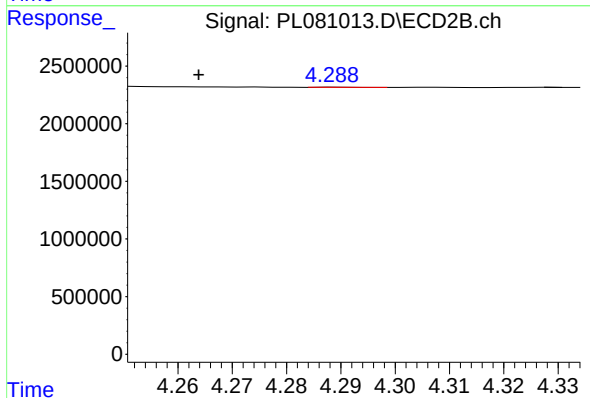
R.T.: 3.698 min  
Delta R.T.: 0.011 min  
Response: 798801  
Conc: 9.81 ng/ml



#24 Chlordane-2

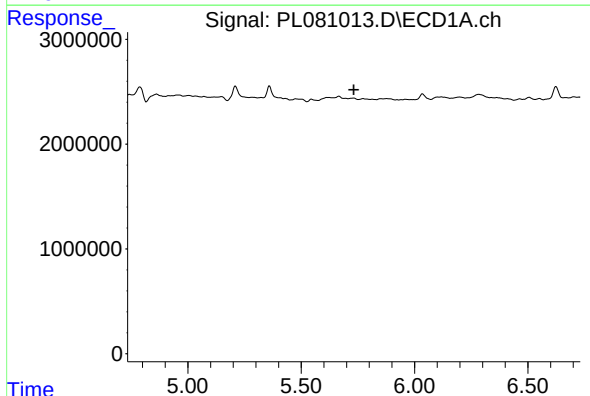
R.T.: 5.034 min  
Delta R.T.: 0.008 min  
Response: 198885  
Conc: 2.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2



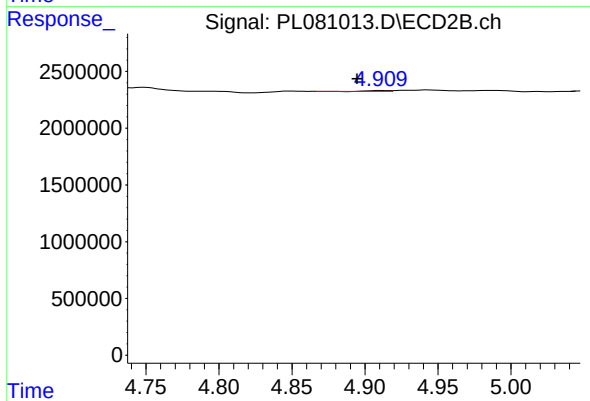
#24 Chlordane-2

R.T.: 4.290 min  
Delta R.T.: 0.026 min  
Response: 5658  
Conc: 0.06 ng/ml



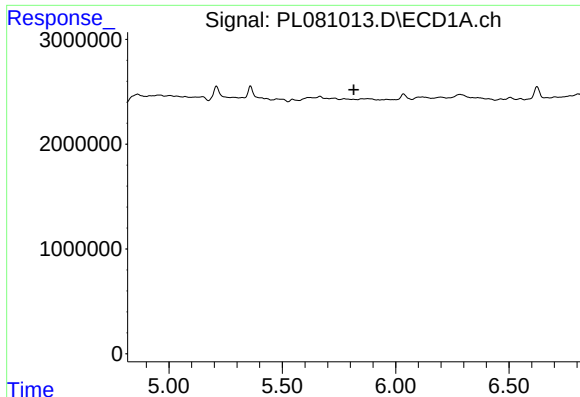
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.732 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

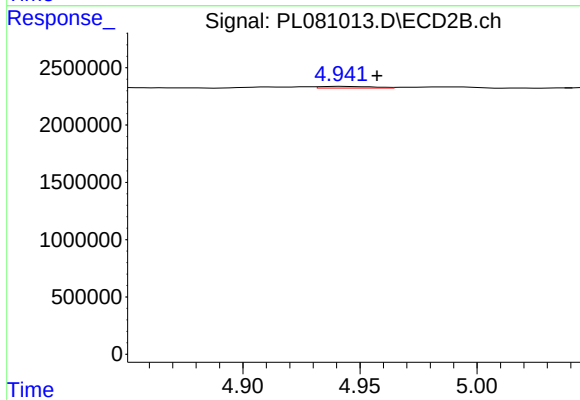
R.T.: 4.911 min  
Delta R.T.: 0.016 min  
Response: 70641  
Conc: 0.27 ng/ml



#26 Chlordane-4

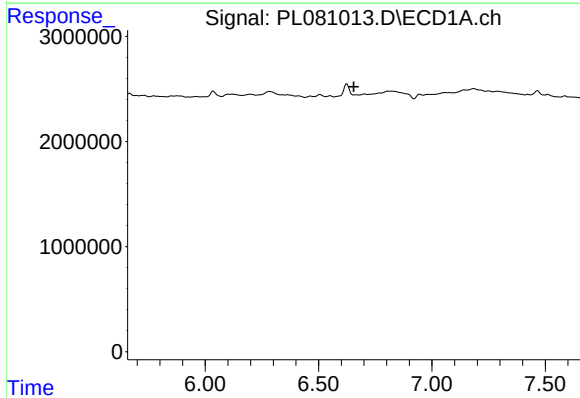
R.T.: 0.000 min  
Exp R.T.: 5.815 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2



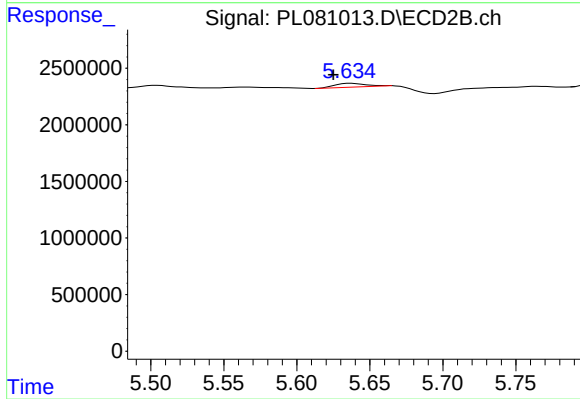
#26 Chlordane-4

R.T.: 4.942 min  
Delta R.T.: -0.015 min  
Response: 216154  
Conc: 0.80 ng/ml



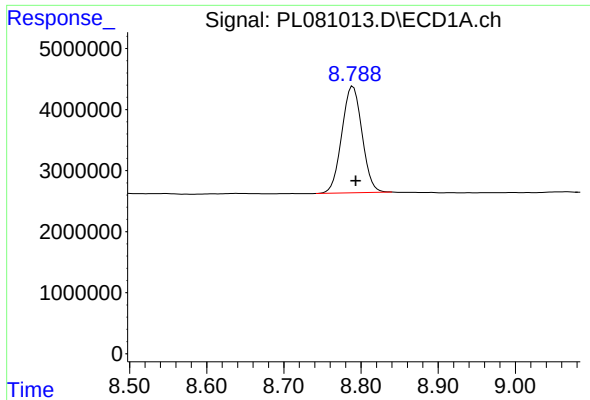
#27 Chlordane-5

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



#27 Chlordane-5

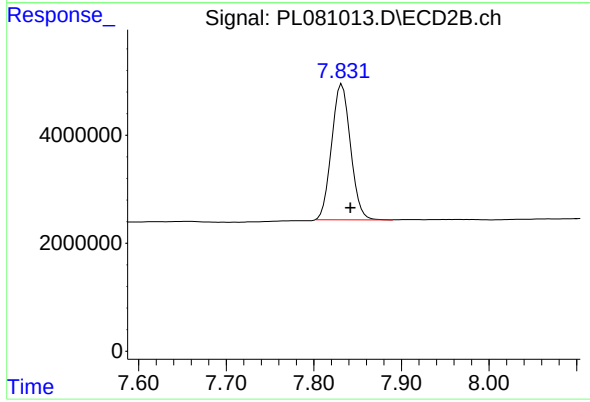
R.T.: 5.637 min  
Delta R.T.: 0.012 min  
Response: 485448  
Conc: 6.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.790 min  
Delta R.T.: -0.003 min  
Response: 31762907  
Conc: 18.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-322-2



#28 Decachlorobiphenyl

R.T.: 7.832 min  
Delta R.T.: -0.010 min  
Response: 37619900  
Conc: 15.79 ng/ml