

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012523\  
 Data File : PL080522.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jan 2023 11:17  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 25 20:55:46 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... | 3.351  | 2.689  | 40527426 | 39811709 | 18.895 | 18.125    |
| 28)                         | SA Decachlor... | 8.785  | 7.835  | 35118957 | 44192214 | 20.059 | 18.548    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.174f | 0        | 199040   | N.D.   | 0.063 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 3.526  | 0        | 4846     | N.D.   | 0.002 #   |
| 4)                          | MA Heptachlor   | 4.718  | 3.878f | 382289   | 129673   | 0.129  | 0.041 #   |
| 5)                          | MB Aldrin       | 0.000  | 4.151  | 0        | 10994270 | N.D.   | 3.727 #   |
| 6)                          | B beta-BHC      | 0.000  | 3.825  | 0        | 402014   | N.D.   | 0.301 #   |
| 7)                          | B delta-BHC     | 4.558  | 4.047  | 1341023  | 1739065  | 0.463  | 0.603 #   |
| 8)                          | B Heptachlo...  | 5.472  | 4.661f | 21604410 | 65209    | 8.351  | 0.023 #   |
| 9)                          | A Endosulfan I  | 5.848  | 0.000  | 1042317  | 0        | 0.441  | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.722  | 4.897  | 419904   | 613097   | 0.166  | 0.216 #   |
| 11)                         | B alpha-Chl...  | 0.000  | 4.971  | 0        | 4440645  | N.D.   | 1.550 #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.154  | 0        | 517822   | N.D.   | 0.220 #   |
| 13)                         | MA Dieldrin     | 0.000  | 5.287  | 0        | 4329616  | N.D.   | 1.601 #   |
| 14)                         | MA Endrin       | 6.358  | 5.566  | 18445966 | 838395   | 8.529  | 0.361 #   |
| 15)                         | B Endosulfa...  | 6.563f | 0.000  | 724112   | 0        | 0.316  | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.507  | 0.000  | 2358691  | 0        | 1.288  | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.955  | 0        | 204567   | N.D.   | 0.097 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.241  | 0        | 399721   | N.D.   | 0.172 #   |
| 20)                         | A Methoxychlor  | 0.000  | 6.533  | 0        | 262173   | N.D.   | 0.216 #   |
| 22)                         | Mirex           | 7.920f | 0.000  | 173856   | 0        | 0.101  | N.D. #    |
| 23)                         | Chlordane-1     | 0.000  | 3.695  | 0        | 374575   | N.D.   | 4.600 #   |
| 24)                         | Chlordane-2     | 0.000  | 4.288f | 0        | 12781869 | N.D.   | 141.772 # |
| 25)                         | Chlordane-3     | 5.722  | 4.897  | 419904   | 613097   | 1.243  | 2.325 #   |
| 26)                         | Chlordane-4     | 0.000  | 4.971  | 0        | 4440645  | N.D.   | 16.490 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.609f | 0        | 9588     | N.D.   | 0.135 #   |
| -----                       |                 |        |        |          |          |        |           |

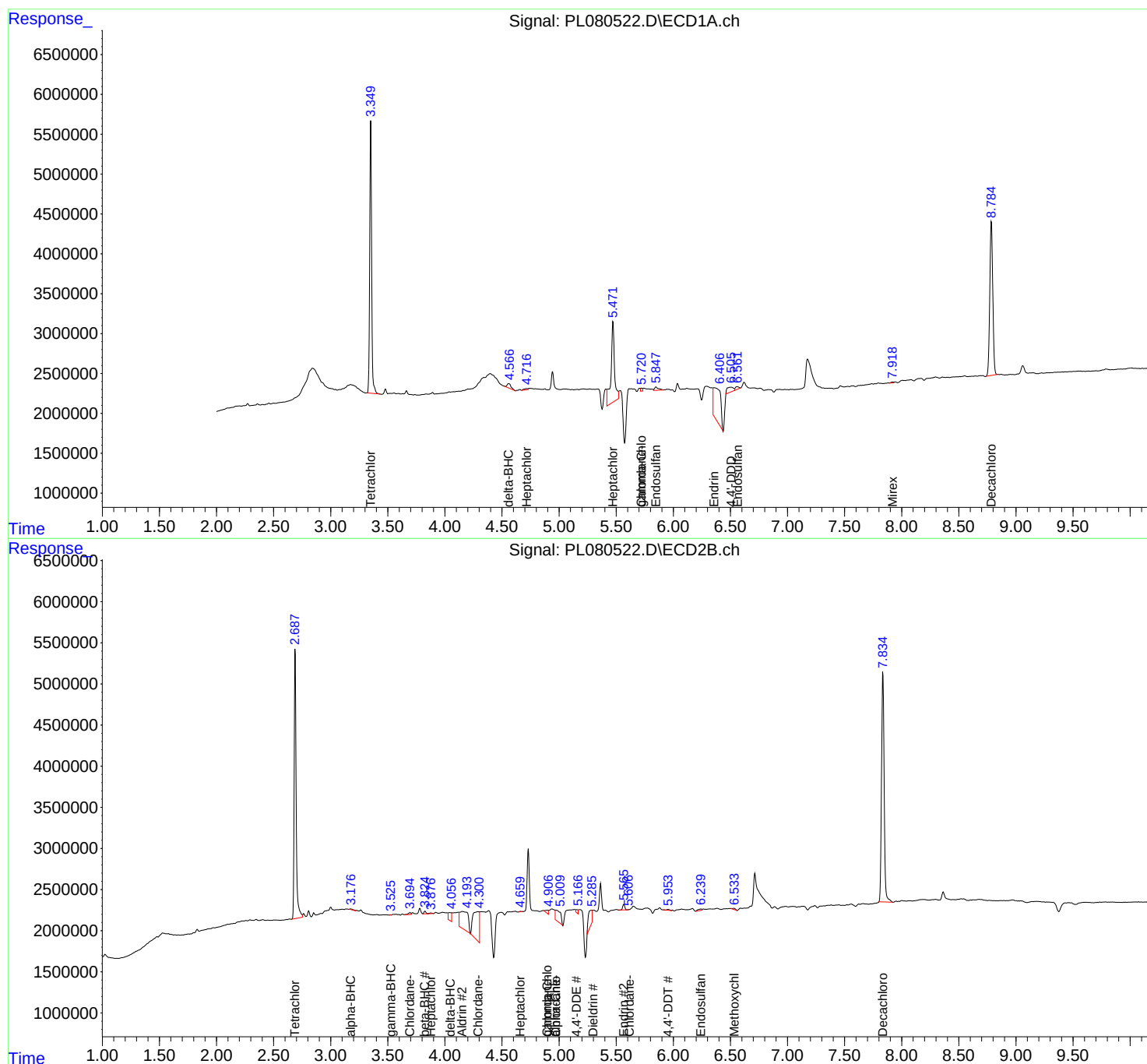
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

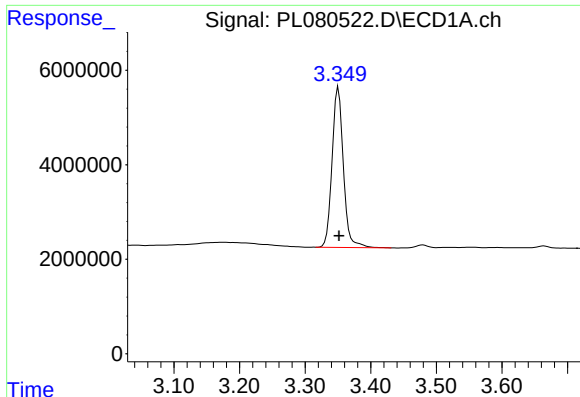
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012523\  
Data File : PL080522.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jan 2023 11:17  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 25 20:55:46 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

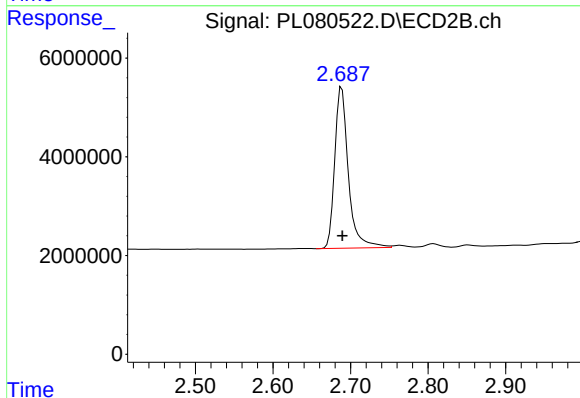




#1 Tetrachloro-m-xylene

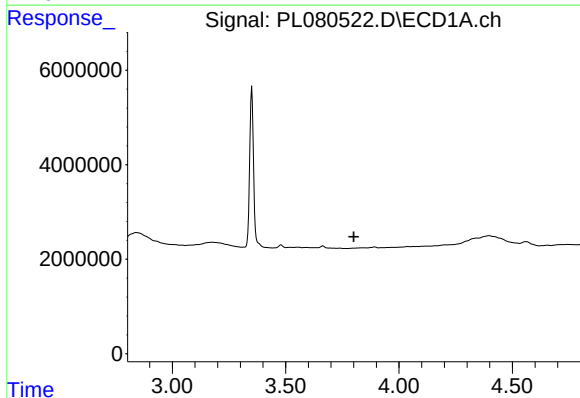
R.T.: 3.351 min  
Delta R.T.: -0.001 min  
Response: 40527426  
Conc: 18.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



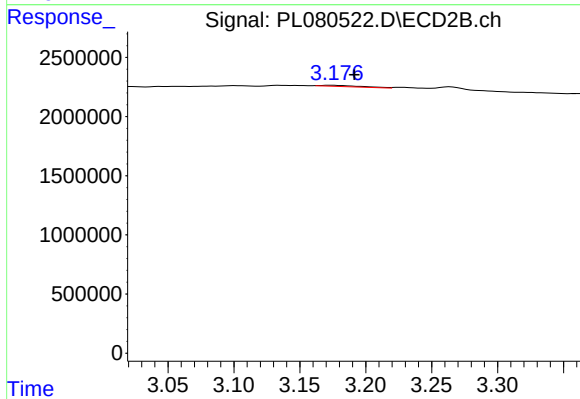
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 39811709  
Conc: 18.13 ng/ml



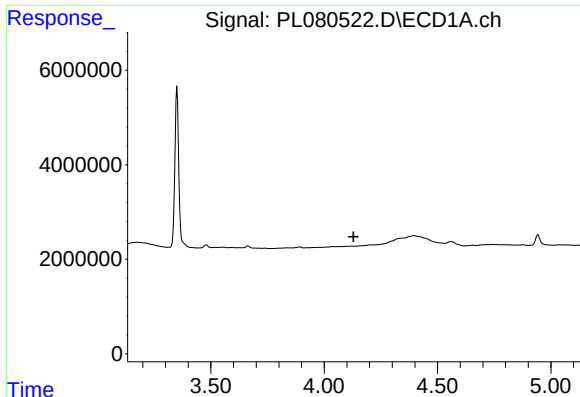
#2 alpha-BHC

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



#2 alpha-BHC

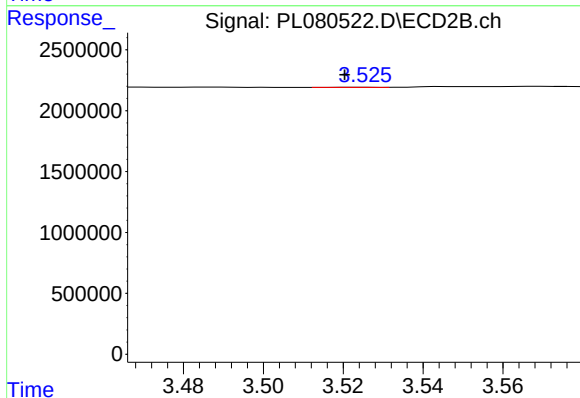
R.T.: 3.174 min  
Delta R.T.: -0.018 min  
Response: 199040  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

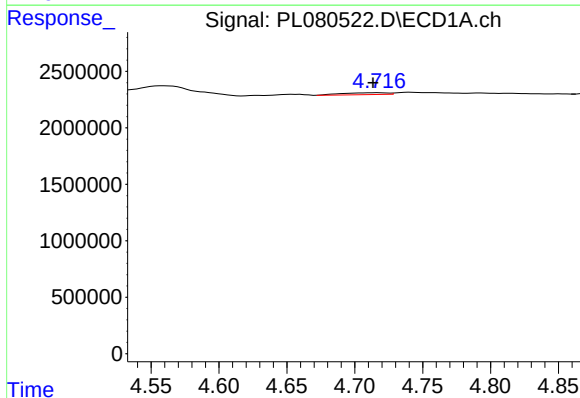
R.T.: 0.000 min  
Exp R.T.: 4.129 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



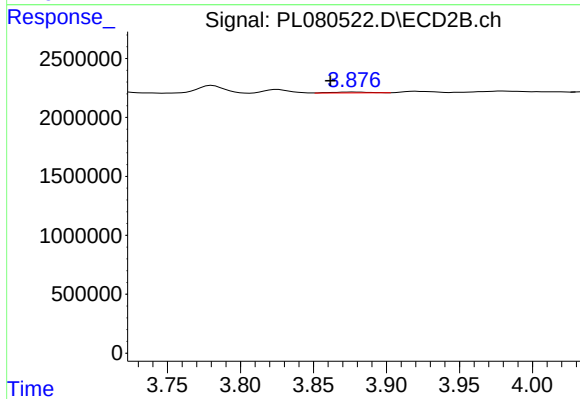
#3 gamma-BHC (Lindane)

R.T.: 3.526 min  
Delta R.T.: 0.005 min  
Response: 4846  
Conc: 0.00 ng/ml



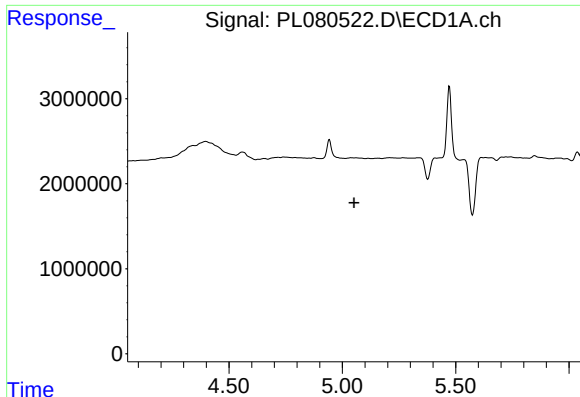
#4 Heptachlor

R.T.: 4.718 min  
Delta R.T.: 0.005 min  
Response: 382289  
Conc: 0.13 ng/ml



#4 Heptachlor

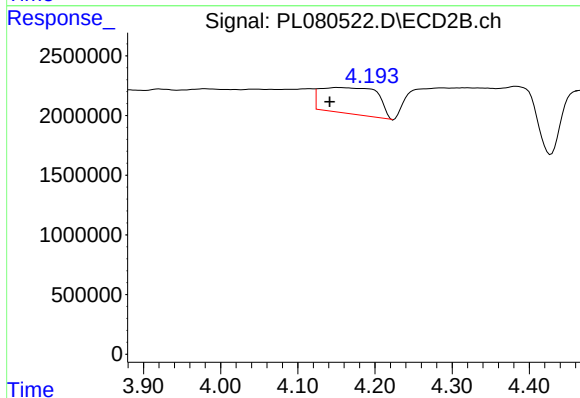
R.T.: 3.878 min  
Delta R.T.: 0.016 min  
Response: 129673  
Conc: 0.04 ng/ml



#5 Aldrin

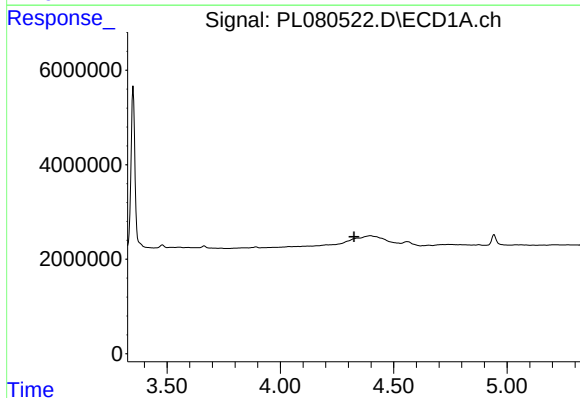
R.T.: 0.000 min  
Exp R.T.: 5.052 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



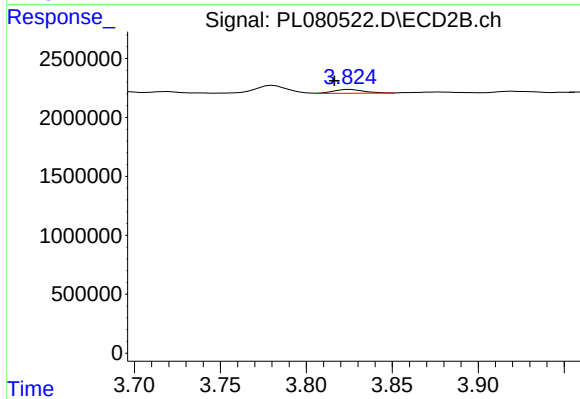
#5 Aldrin

R.T.: 4.151 min  
Delta R.T.: 0.010 min  
Response: 10994270  
Conc: 3.73 ng/ml



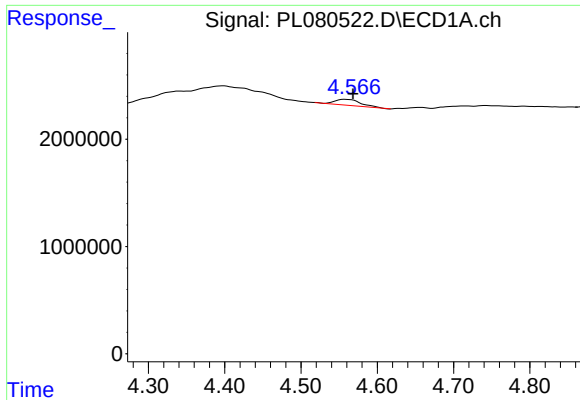
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.325 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

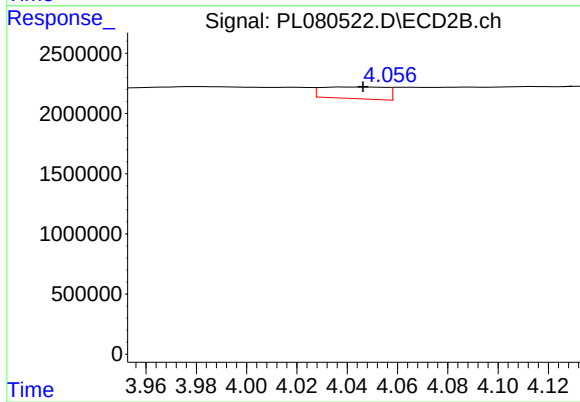
R.T.: 3.825 min  
Delta R.T.: 0.009 min  
Response: 402014  
Conc: 0.30 ng/ml



#7 delta-BHC

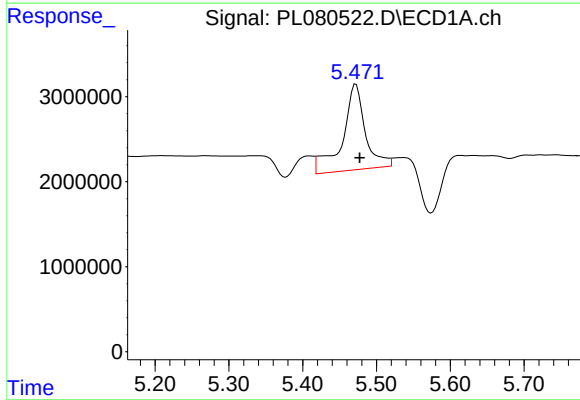
R.T.: 4.558 min  
Delta R.T.: -0.010 min  
Response: 1341023  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



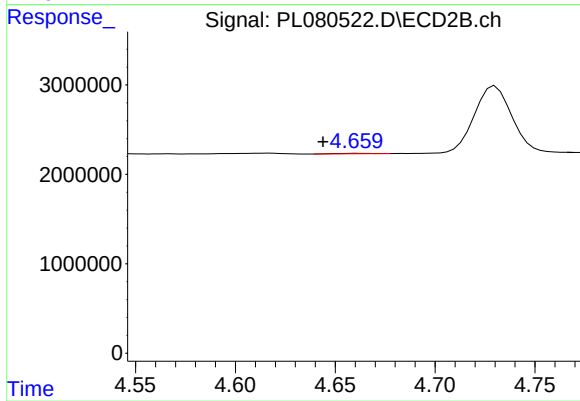
#7 delta-BHC

R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 1739065  
Conc: 0.60 ng/ml



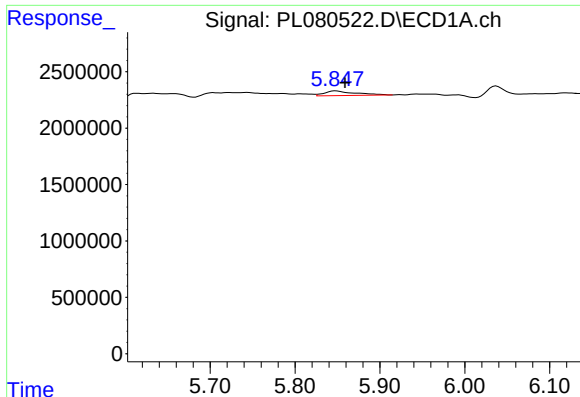
#8 Heptachlor epoxide

R.T.: 5.472 min  
Delta R.T.: -0.005 min  
Response: 21604410  
Conc: 8.35 ng/ml



#8 Heptachlor epoxide

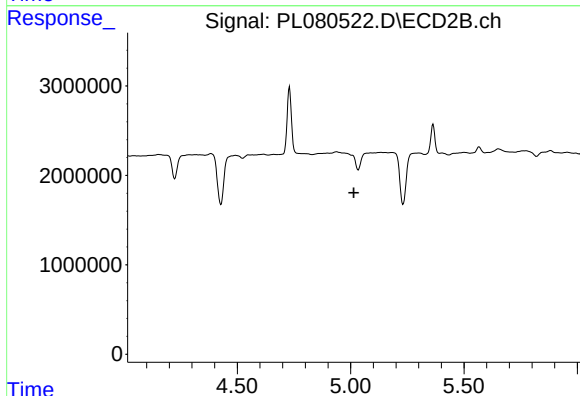
R.T.: 4.661 min  
Delta R.T.: 0.017 min  
Response: 65209  
Conc: 0.02 ng/ml



#9 Endosulfan I

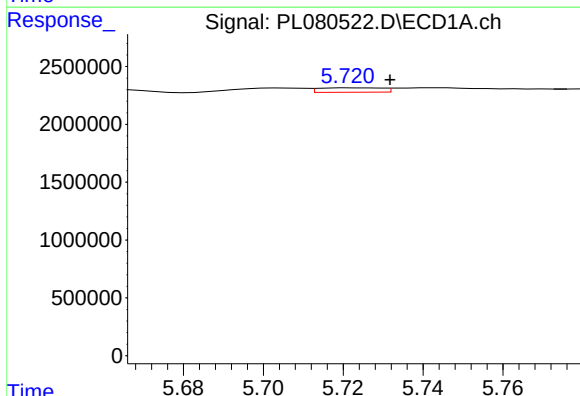
R.T.: 5.848 min  
Delta R.T.: -0.011 min  
Response: 1042317  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



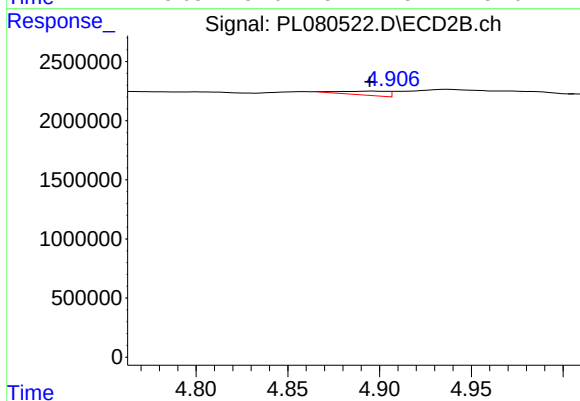
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.013 min  
Response: 0  
Conc: N.D.



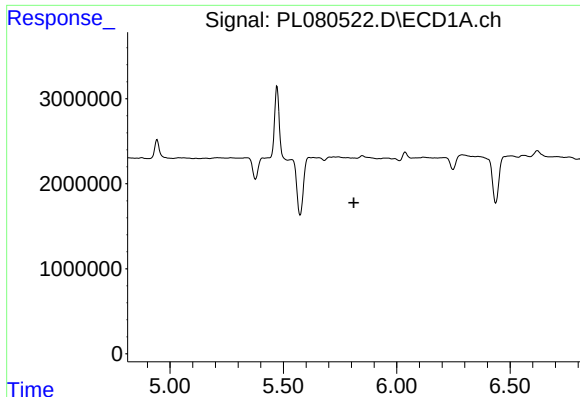
#10 gamma-Chlordane

R.T.: 5.722 min  
Delta R.T.: -0.010 min  
Response: 419904  
Conc: 0.17 ng/ml



#10 gamma-Chlordane

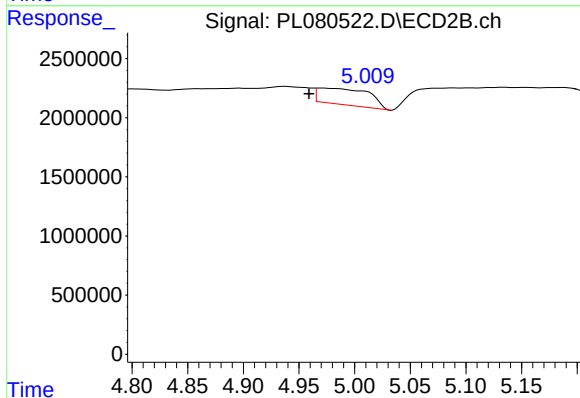
R.T.: 4.897 min  
Delta R.T.: 0.002 min  
Response: 613097  
Conc: 0.22 ng/ml



#11 alpha-Chlordane

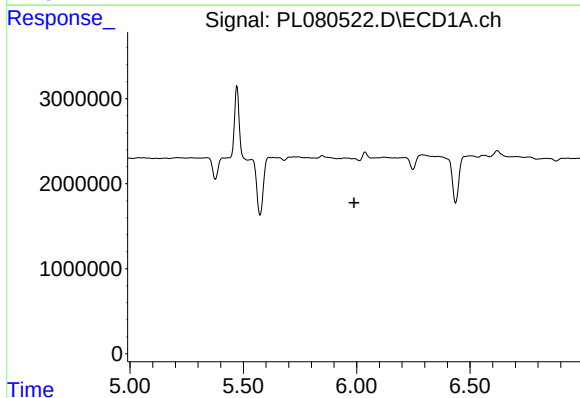
R.T.: 0.000 min  
Exp R.T.: 5.811 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



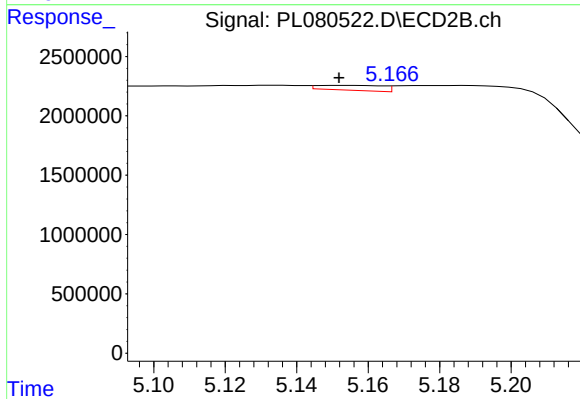
#11 alpha-Chlordane

R.T.: 4.971 min  
Delta R.T.: 0.011 min  
Response: 4440645  
Conc: 1.55 ng/ml



#12 4,4'-DDE

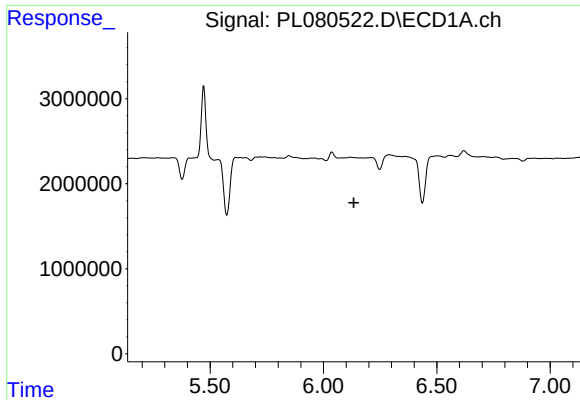
R.T.: 0.000 min  
Exp R.T.: 5.989 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.154 min  
Delta R.T.: 0.002 min  
Response: 517822  
Conc: 0.22 ng/ml

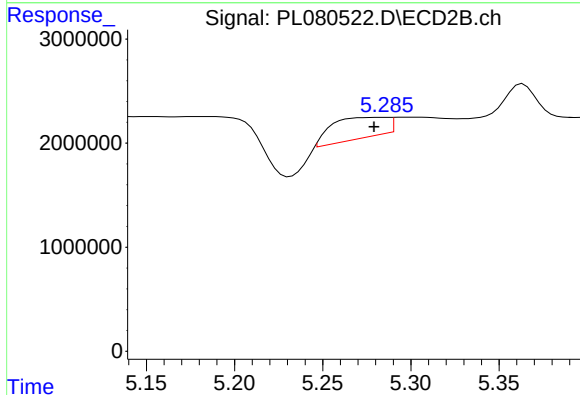




#13 Dieldrin

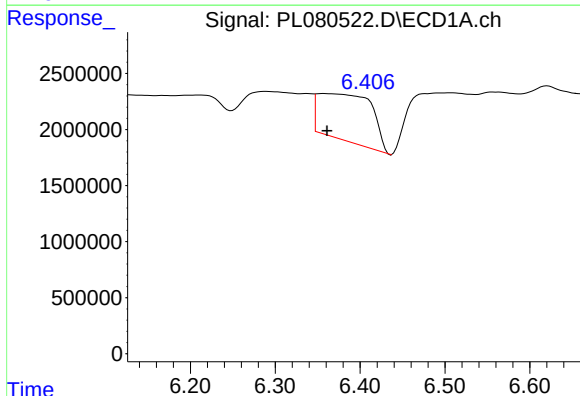
R.T.: 0.000 min  
Exp R.T.: 6.133 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



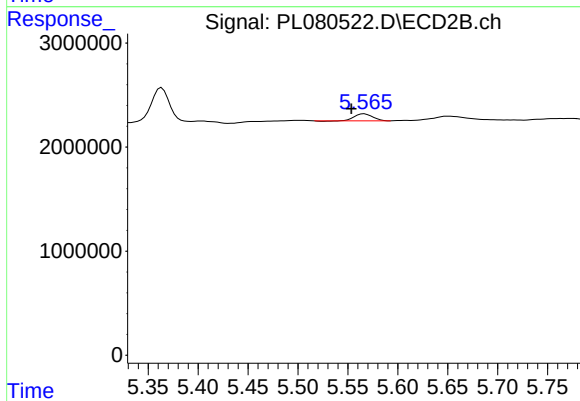
#13 Dieldrin

R.T.: 5.287 min  
Delta R.T.: 0.007 min  
Response: 4329616  
Conc: 1.60 ng/ml



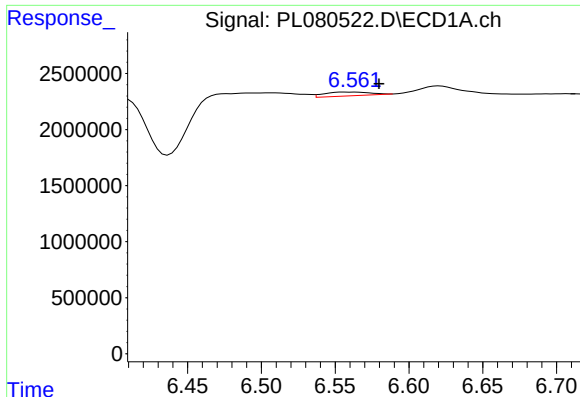
#14 Endrin

R.T.: 6.358 min  
Delta R.T.: -0.003 min  
Response: 18445966  
Conc: 8.53 ng/ml



#14 Endrin

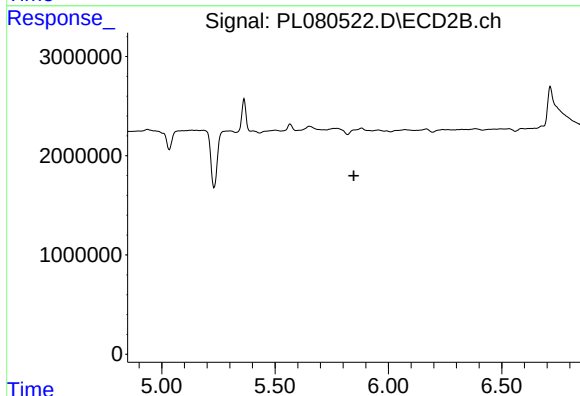
R.T.: 5.566 min  
Delta R.T.: 0.013 min  
Response: 838395  
Conc: 0.36 ng/ml



#15 Endosulfan II

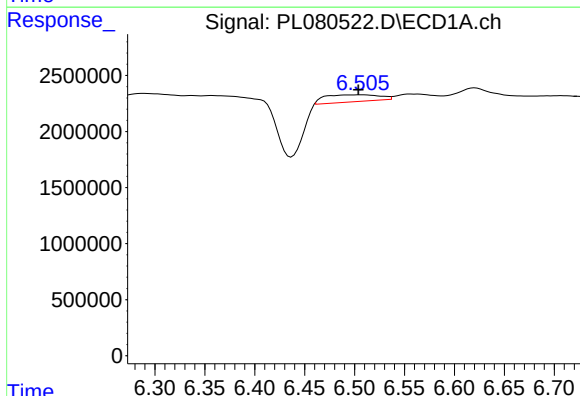
R.T.: 6.563 min  
Delta R.T.: -0.017 min  
Response: 724112  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



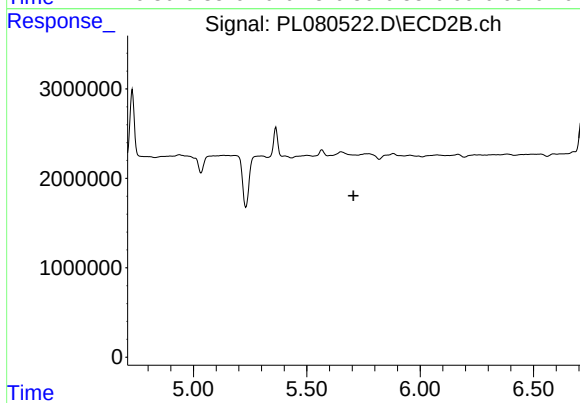
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.848 min  
Response: 0  
Conc: N.D.



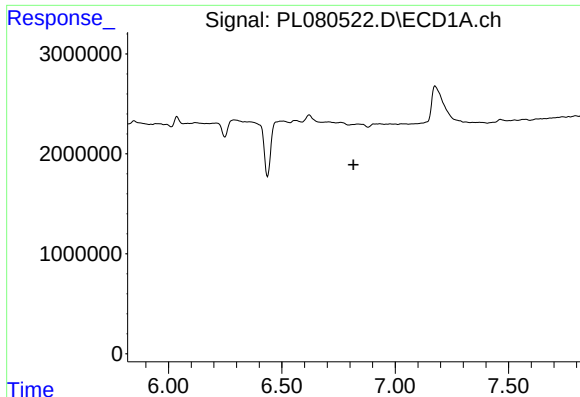
#16 4,4'-DDD

R.T.: 6.507 min  
Delta R.T.: 0.003 min  
Response: 2358691  
Conc: 1.29 ng/ml



#16 4,4'-DDD

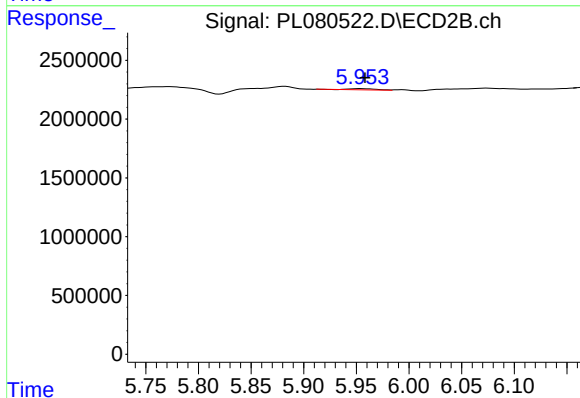
R.T.: 0.000 min  
Exp R.T. : 5.706 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

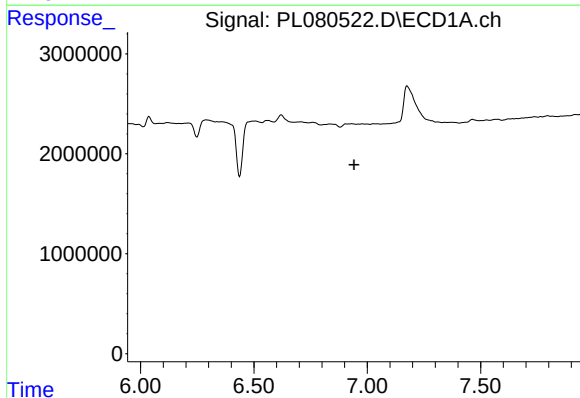
R.T.: 0.000 min  
Exp R.T.: 6.816 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



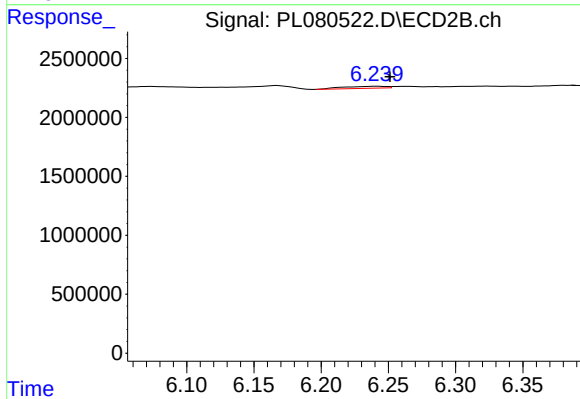
#17 4,4'-DDT

R.T.: 5.955 min  
Delta R.T.: -0.004 min  
Response: 204567  
Conc: 0.10 ng/ml



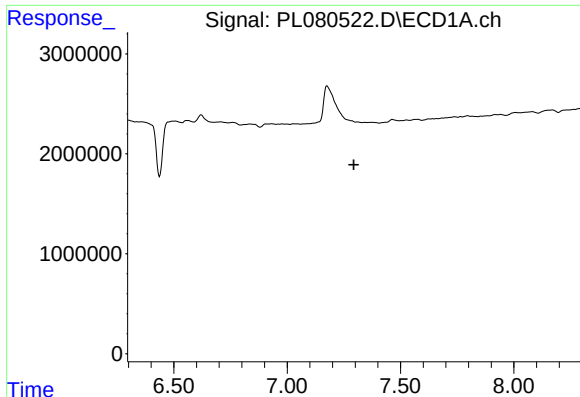
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

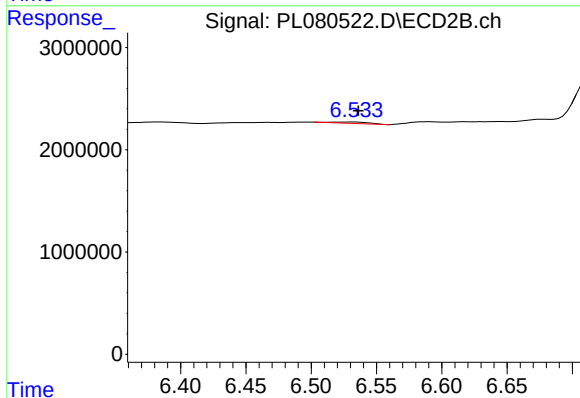
R.T.: 6.241 min  
Delta R.T.: -0.010 min  
Response: 399721  
Conc: 0.17 ng/ml



#20 Methoxychlor

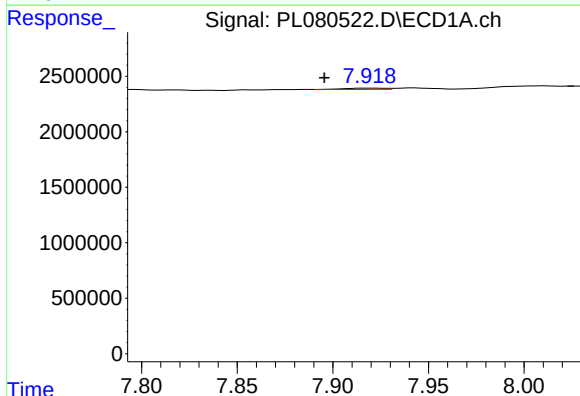
R.T.: 0.000 min  
Exp R.T.: 7.294 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



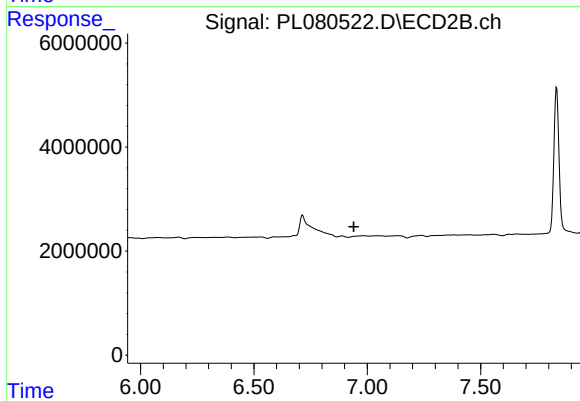
#20 Methoxychlor

R.T.: 6.533 min  
Delta R.T.: -0.003 min  
Response: 262173  
Conc: 0.22 ng/ml



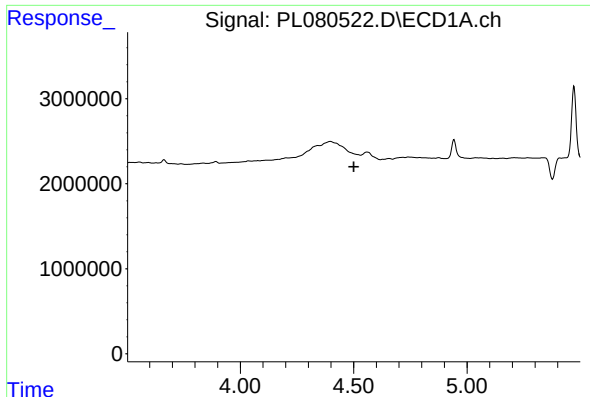
#22 Mirex

R.T.: 7.920 min  
Delta R.T.: 0.024 min  
Response: 173856  
Conc: 0.10 ng/ml



#22 Mirex

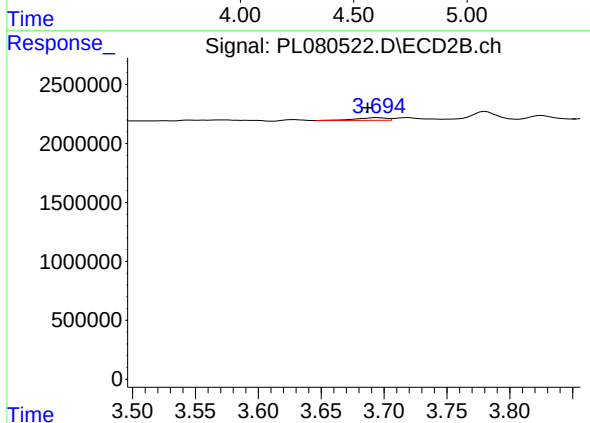
R.T.: 0.000 min  
Exp R.T.: 6.940 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

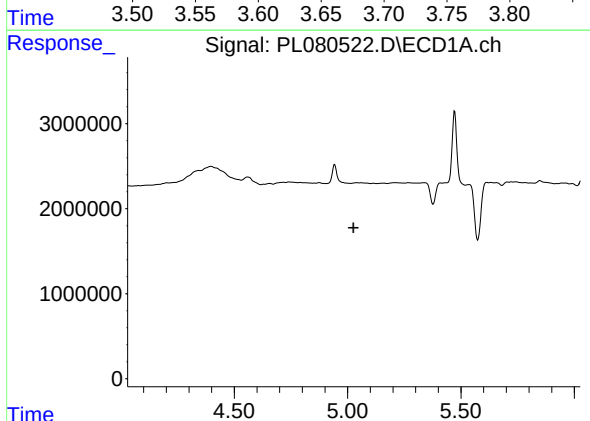
R.T.: 0.000 min  
Exp R.T.: 4.500 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



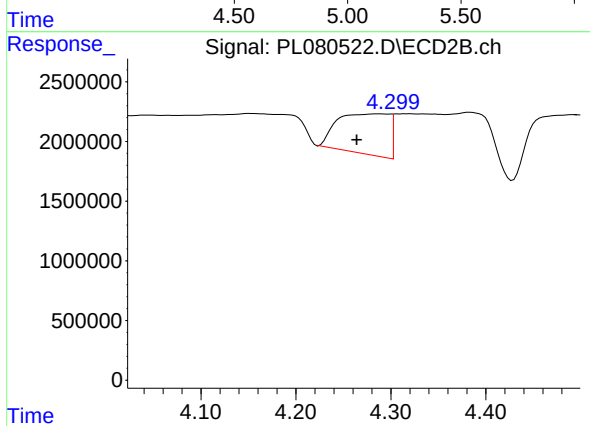
#23 Chlordane-1

R.T.: 3.695 min  
Delta R.T.: 0.008 min  
Response: 374575  
Conc: 4.60 ng/ml



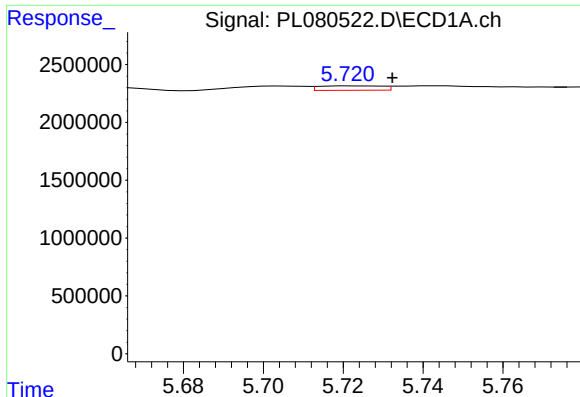
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.027 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

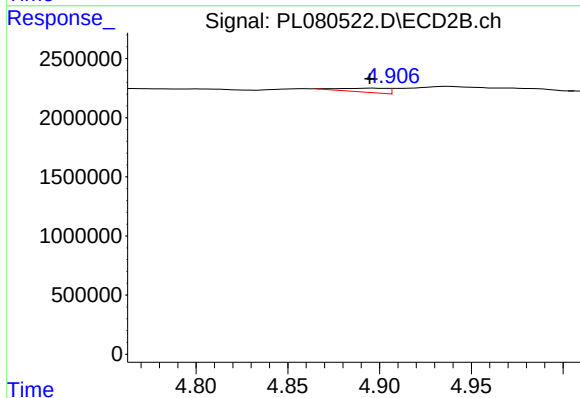
R.T.: 4.288 min  
Delta R.T.: 0.025 min  
Response: 12781869  
Conc: 141.77 ng/ml



#25 Chlordane-3

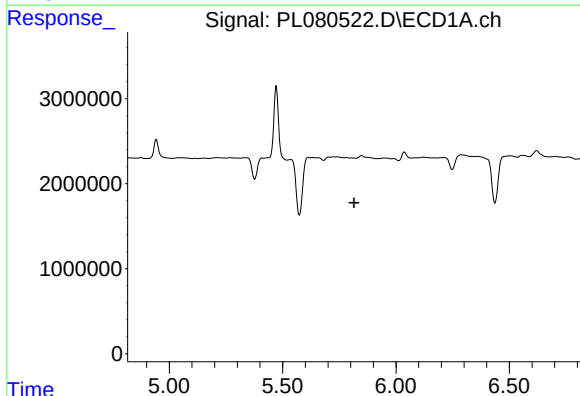
R.T.: 5.722 min  
Delta R.T.: -0.010 min  
Response: 419904  
Conc: 1.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



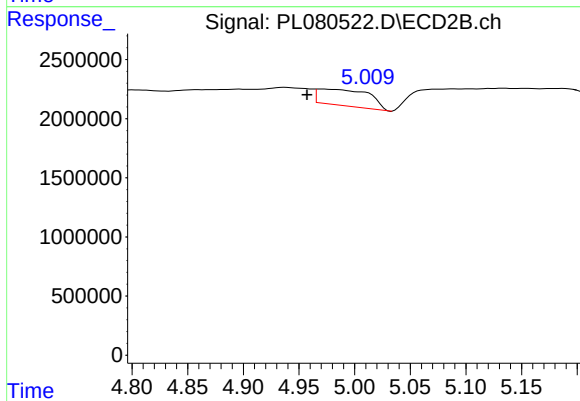
#25 Chlordane-3

R.T.: 4.897 min  
Delta R.T.: 0.002 min  
Response: 613097  
Conc: 2.32 ng/ml



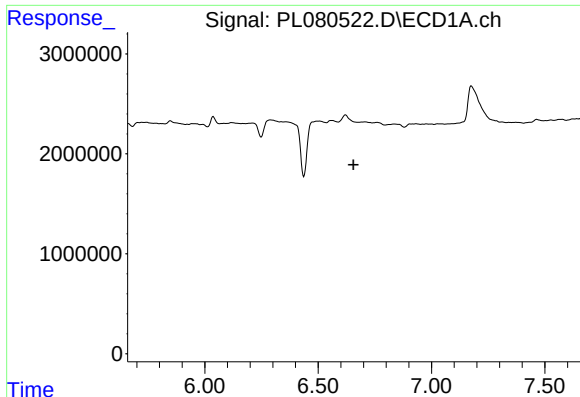
#26 Chlordane-4

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



#26 Chlordane-4

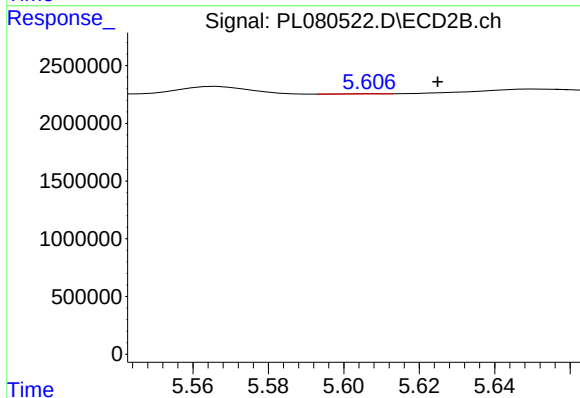
R.T.: 4.971 min  
Delta R.T.: 0.013 min  
Response: 4440645  
Conc: 16.49 ng/ml



#27 Chlordane-5

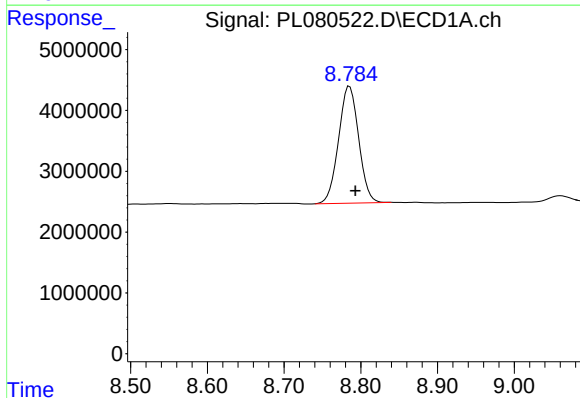
R.T.: 0.000 min  
Exp R.T.: 6.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



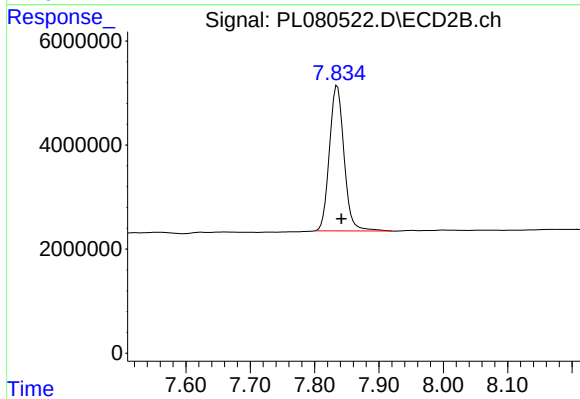
#27 Chlordane-5

R.T.: 5.609 min  
Delta R.T.: -0.016 min  
Response: 9588  
Conc: 0.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.785 min  
Delta R.T.: -0.008 min  
Response: 35118957  
Conc: 20.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.835 min  
Delta R.T.: -0.007 min  
Response: 44192214  
Conc: 18.55 ng/ml