

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030923\  
 Data File : PL081375.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Mar 2023 18:44  
 Operator : AR\AJ  
 Sample : 01848-01  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 09 20:34:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 03 01:48:45 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... | 3.332  | 2.663  | 24362979 | 21602711 | 11.276 | 10.674   |
| 28)                         | SA Decachlor... | 8.755  | 7.786  | 20026268 | 21182535 | 13.136 | 11.058   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.175  | 0        | 49260    | N.D.   | 0.017 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.512f | 0        | 159172   | N.D.   | 0.058 #  |
| 4)                          | MA Heptachlor   | 4.719f | 3.843  | 495457   | 195836   | 0.180  | 0.071 #  |
| 5)                          | MB Aldrin       | 5.002f | 4.107  | 1071763  | 450766   | 0.421  | 0.172 #  |
| 6)                          | B beta-BHC      | 4.310  | 3.797  | 2252770  | -40631   | 1.637  | N.D. #   |
| 7)                          | B delta-BHC     | 4.551  | 4.021  | 1458700  | 153748   | 0.525  | 0.060 #  |
| 8)                          | B Heptachlo...  | 5.455  | 4.604  | 899596   | 58851    | 0.381  | 0.024 #  |
| 9)                          | A Endosulfan I  | 5.831  | 5.007f | 86783    | 280310   | 0.041  | 0.124 #  |
| 10)                         | B gamma-Chl...  | 5.709  | 4.877f | 2310081  | 2721306  | 1.012  | 1.112    |
| 11)                         | B alpha-Chl...  | 5.791  | 4.916  | 2822256  | 1651714  | 1.253  | 0.675 #  |
| 12)                         | B 4,4'-DDE      | 5.965  | 5.108  | 1140958  | 1433060  | 0.583  | 0.730 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.240  | 0        | 663233   | N.D.   | 0.294 #  |
| 14)                         | MA Endrin       | 0.000  | 5.524  | 0        | 71387    | N.D.   | 0.036 #  |
| 15)                         | B Endosulfa...  | 6.548f | 0.000  | 491559   | 0        | 0.282  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.485  | 0.000  | 213203   | 0        | 0.138  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.790  | 5.908  | 535791   | 615564   | 0.338  | 0.384    |
| 18)                         | B Endrin al...  | 0.000  | 6.002  | 0        | 183535   | N.D.   | 0.121 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.204f | 0        | 103754   | N.D.   | 0.054 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.719  | 0        | 109781   | N.D.   | 0.051 #  |
| 23)                         | Chlordane-1     | 4.475  | 3.653  | 367214   | 1499086  | 3.836  | 18.180 # |
| 24)                         | Chlordane-2     | 5.002  | 4.227  | 1071763  | 1168670  | 10.709 | 11.416   |
| 25)                         | Chlordane-3     | 5.709  | 4.877f | 2310081  | 2721306  | 6.316  | 10.069 # |
| 26)                         | Chlordane-4     | 5.791  | 4.916  | 2822256  | 1651714  | 6.421  | 5.881    |
| 27)                         | Chlordane-5     | 6.612f | 5.581  | 254167   | 172900   | 3.373  | 2.503 #  |
| -----                       |                 |        |        |          |          |        |          |

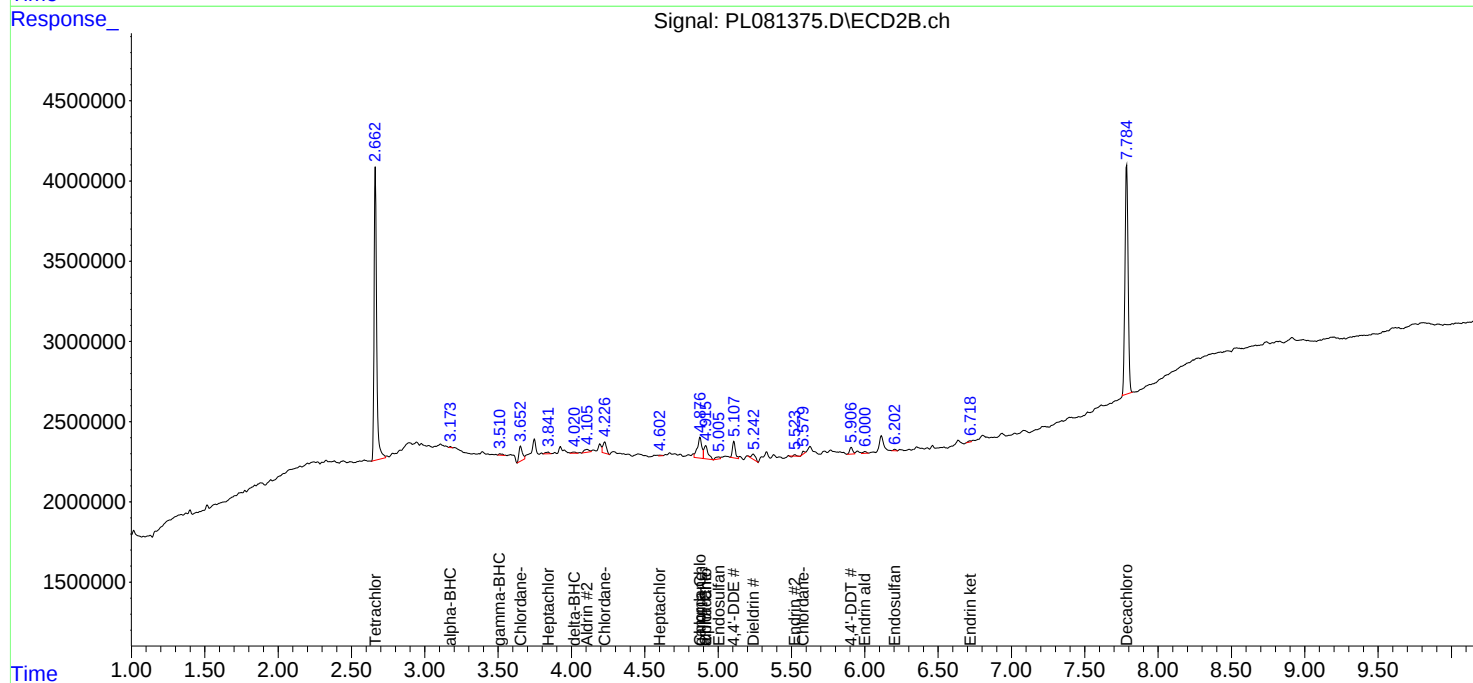
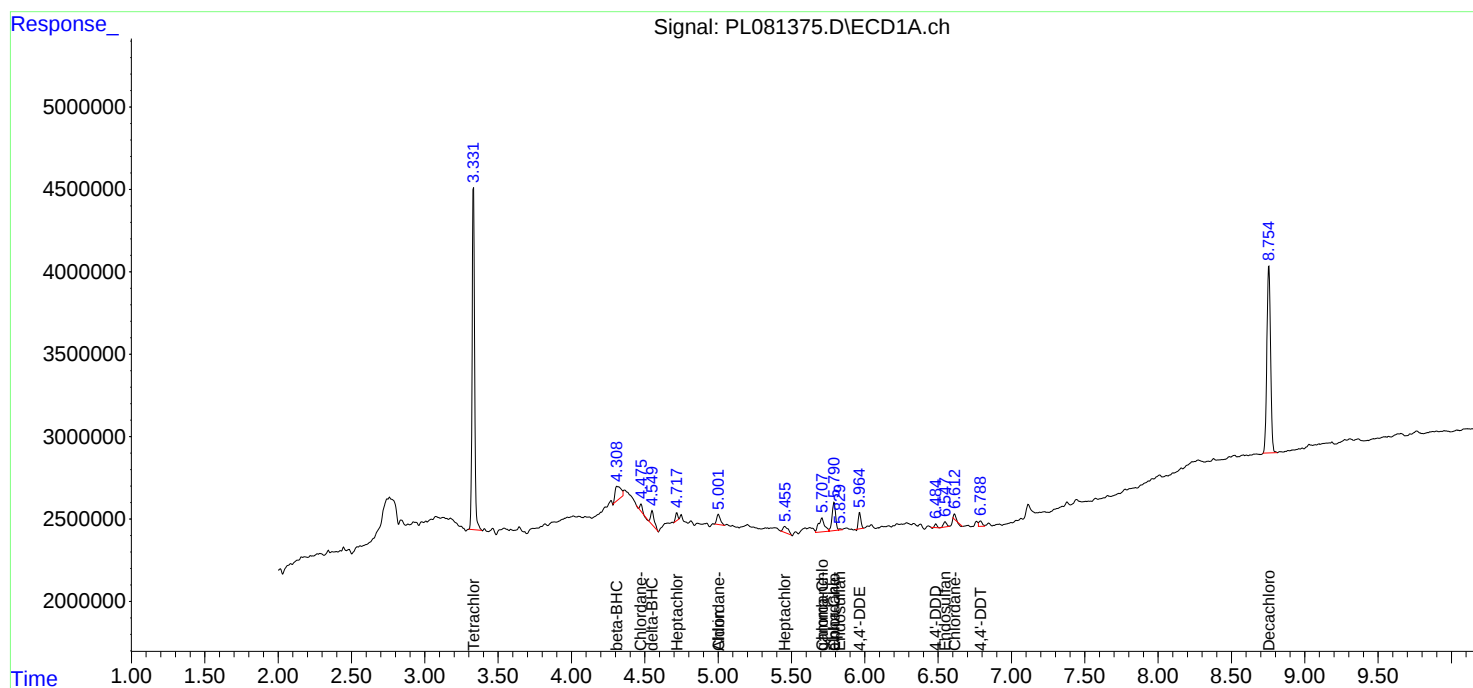
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

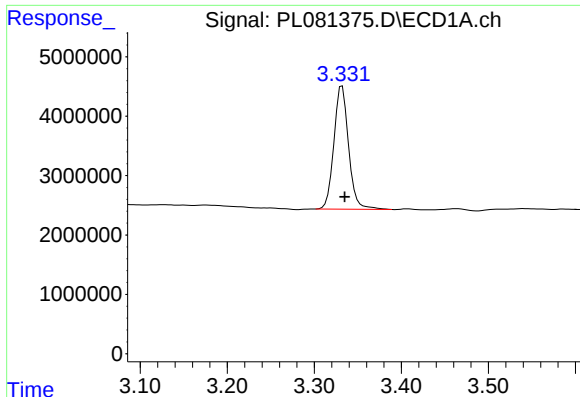
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030923\  
Data File : PL081375.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Mar 2023 18:44  
Operator : AR\AJ  
Sample : 01848-01  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 09 20:34:36 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 03 01:48:45 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

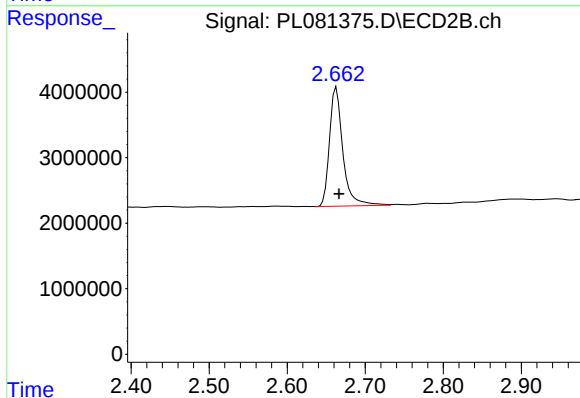




#1 Tetrachloro-m-xylene

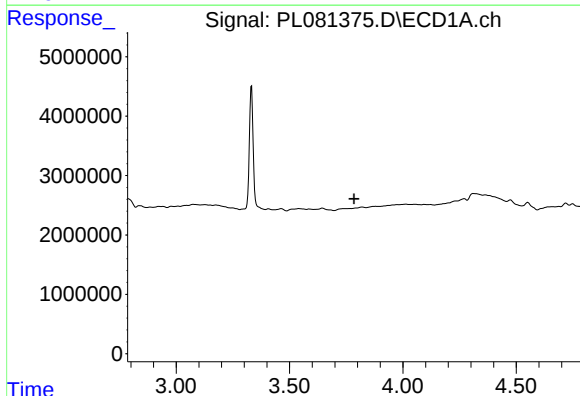
R.T.: 3.332 min  
Delta R.T.: -0.003 min  
Response: 24362979  
Conc: 11.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



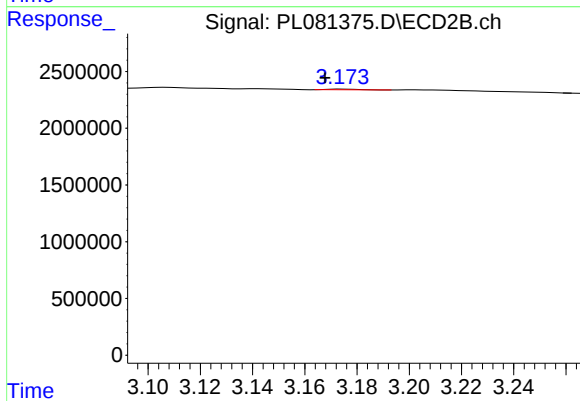
#1 Tetrachloro-m-xylene

R.T.: 2.663 min  
Delta R.T.: -0.003 min  
Response: 21602711  
Conc: 10.67 ng/ml



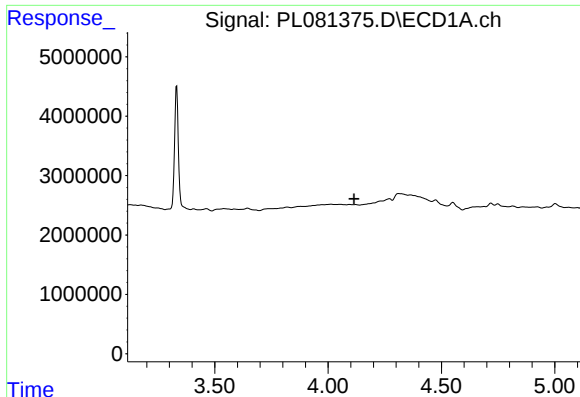
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.785 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

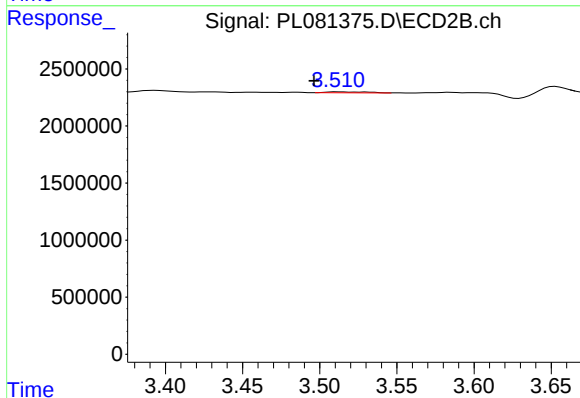
R.T.: 3.175 min  
Delta R.T.: 0.007 min  
Response: 49260  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

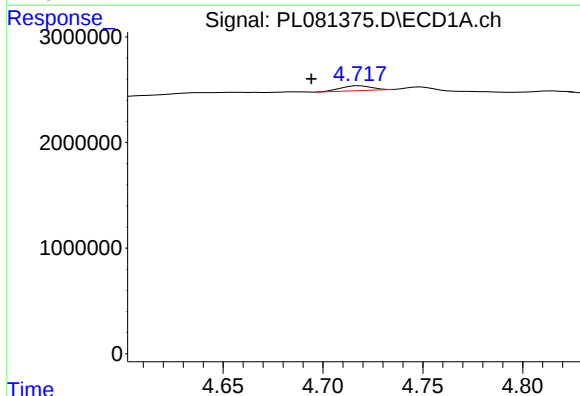
R.T.: 0.000 min  
Exp R.T.: 4.114 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



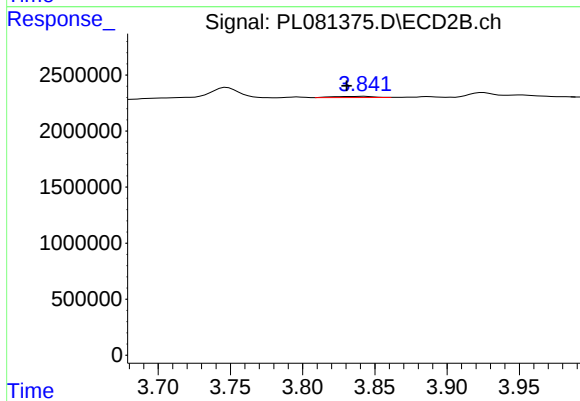
#3 gamma-BHC (Lindane)

R.T.: 3.512 min  
Delta R.T.: 0.016 min  
Response: 159172  
Conc: 0.06 ng/ml



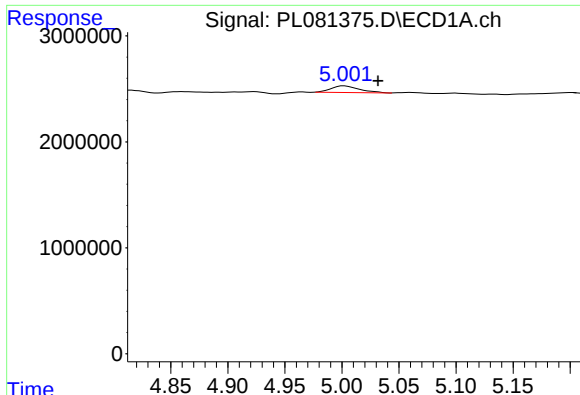
#4 Heptachlor

R.T.: 4.719 min  
Delta R.T.: 0.024 min  
Response: 495457  
Conc: 0.18 ng/ml



#4 Heptachlor

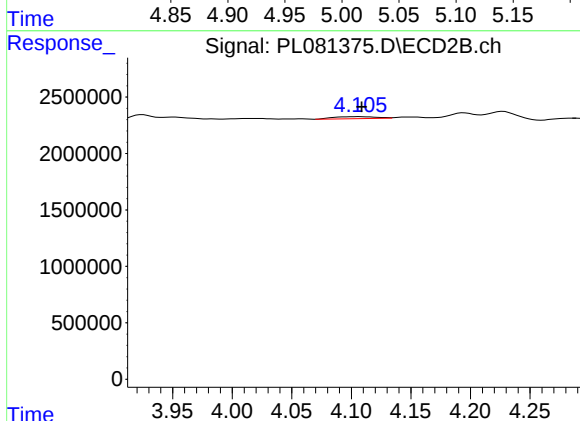
R.T.: 3.843 min  
Delta R.T.: 0.012 min  
Response: 195836  
Conc: 0.07 ng/ml



#5 Aldrin

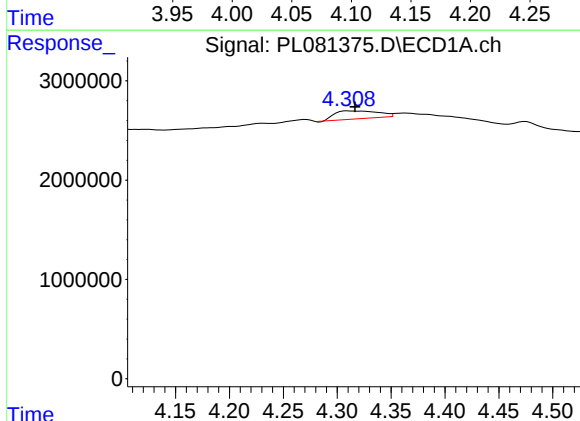
R.T.: 5.002 min  
Delta R.T.: -0.029 min  
Response: 1071763  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



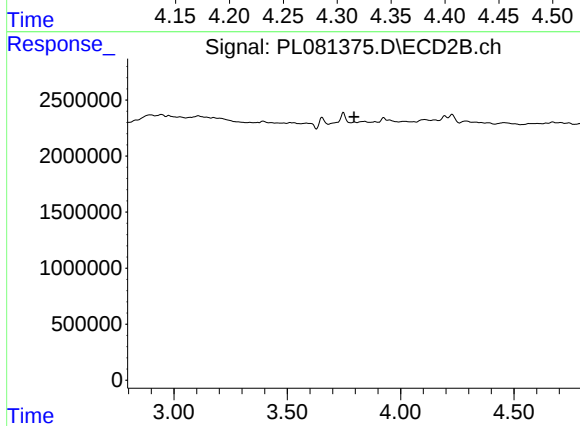
#5 Aldrin

R.T.: 4.107 min  
Delta R.T.: -0.002 min  
Response: 450766  
Conc: 0.17 ng/ml



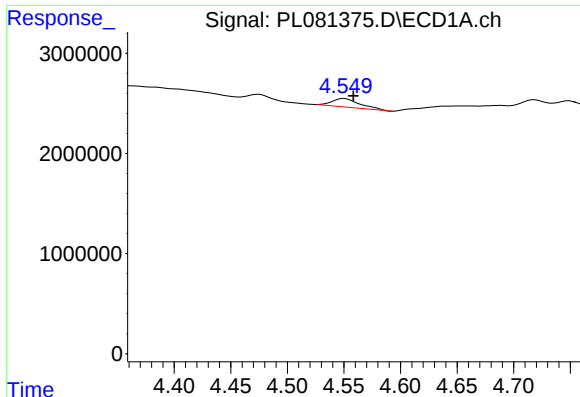
#6 beta-BHC

R.T.: 4.310 min  
Delta R.T.: -0.007 min  
Response: 2252770  
Conc: 1.64 ng/ml



#6 beta-BHC

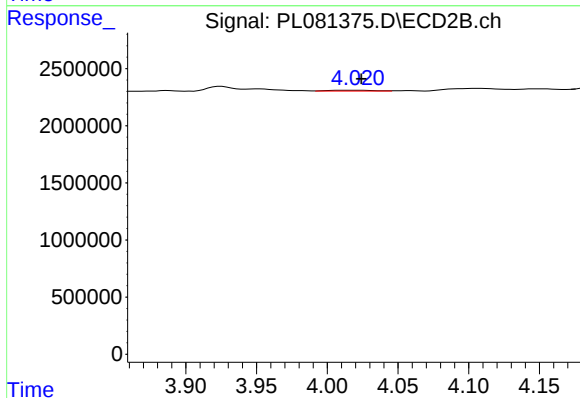
R.T.: 3.797 min  
Delta R.T.: 0.001 min  
Response: -40631  
Conc: N.D.



#7 delta-BHC

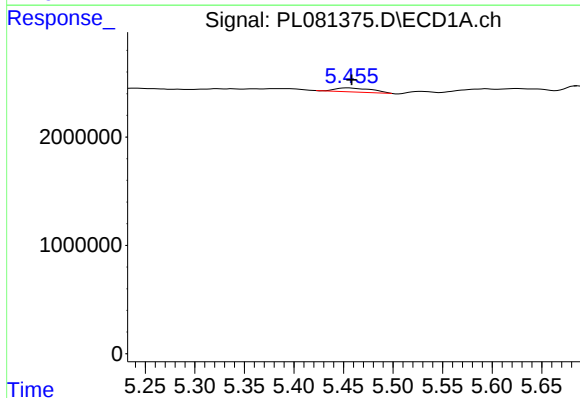
R.T.: 4.551 min  
Delta R.T.: -0.008 min  
Response: 1458700  
Conc: 0.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



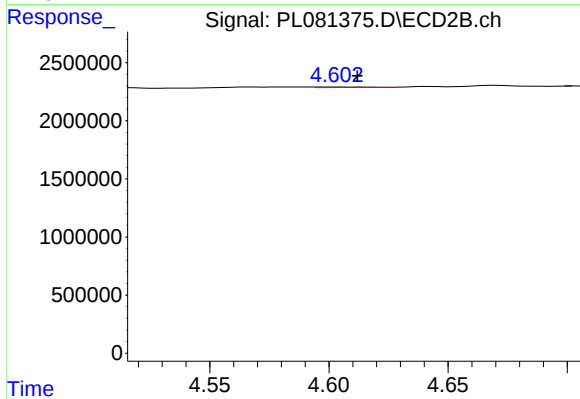
#7 delta-BHC

R.T.: 4.021 min  
Delta R.T.: -0.002 min  
Response: 153748  
Conc: 0.06 ng/ml



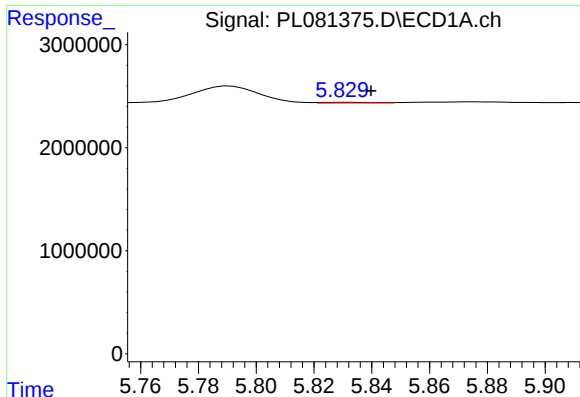
#8 Heptachlor epoxide

R.T.: 5.455 min  
Delta R.T.: -0.004 min  
Response: 899596  
Conc: 0.38 ng/ml



#8 Heptachlor epoxide

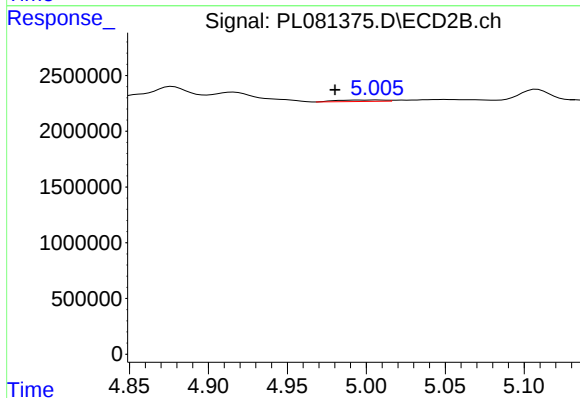
R.T.: 4.604 min  
Delta R.T.: -0.008 min  
Response: 58851  
Conc: 0.02 ng/ml



#9 Endosulfan I

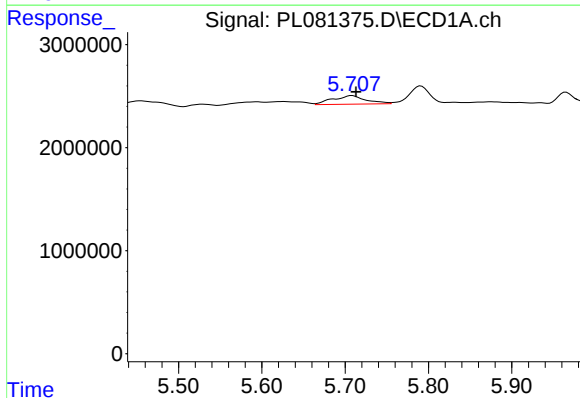
R.T.: 5.831 min  
Delta R.T.: -0.009 min  
Response: 86783  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



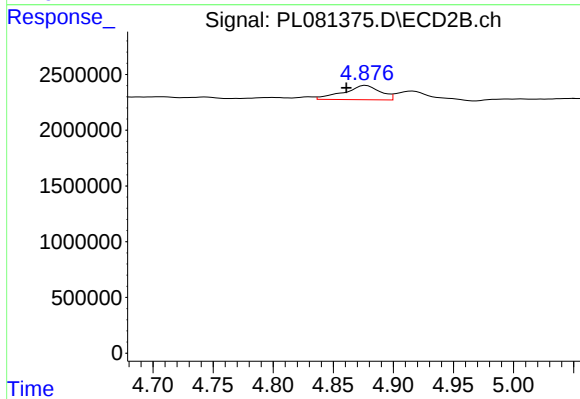
#9 Endosulfan I

R.T.: 5.007 min  
Delta R.T.: 0.026 min  
Response: 280310  
Conc: 0.12 ng/ml



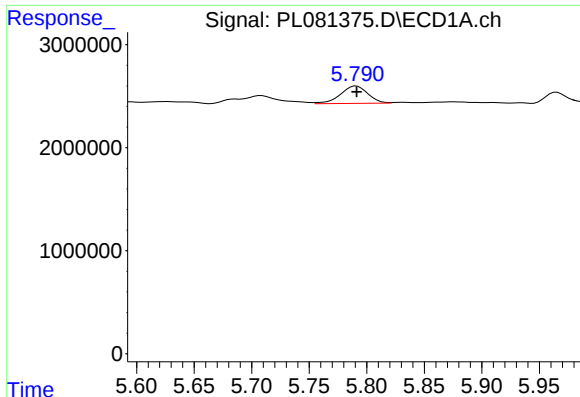
#10 gamma-Chlordane

R.T.: 5.709 min  
Delta R.T.: -0.004 min  
Response: 2310081  
Conc: 1.01 ng/ml



#10 gamma-Chlordane

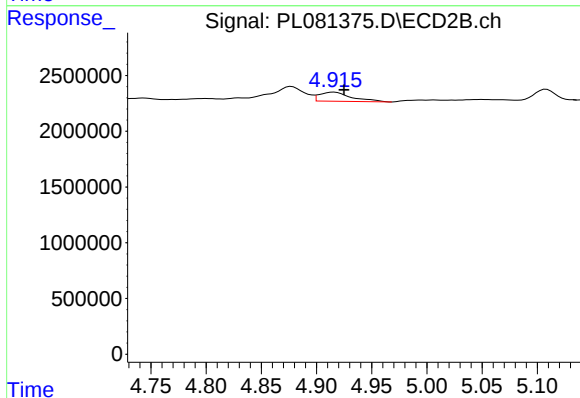
R.T.: 4.877 min  
Delta R.T.: 0.016 min  
Response: 2721306  
Conc: 1.11 ng/ml



#11 alpha-Chlordane

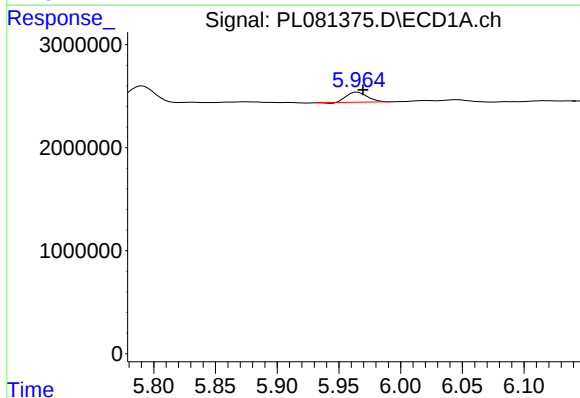
R.T.: 5.791 min  
Delta R.T.: 0.000 min  
Response: 2822256  
Conc: 1.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



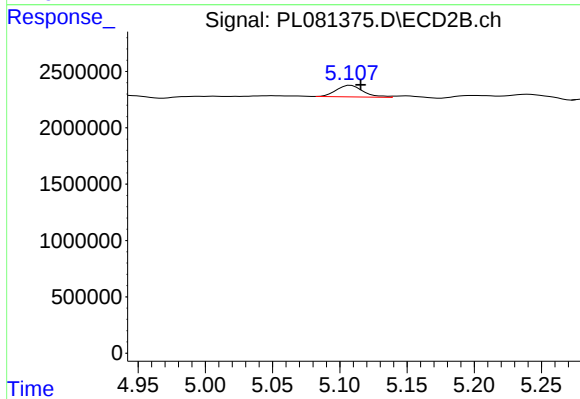
#11 alpha-Chlordane

R.T.: 4.916 min  
Delta R.T.: -0.009 min  
Response: 1651714  
Conc: 0.67 ng/ml



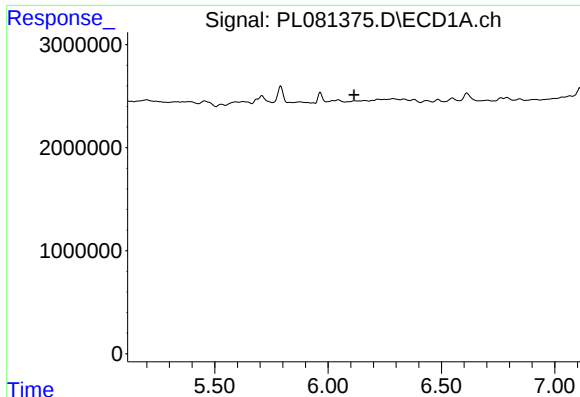
#12 4,4'-DDE

R.T.: 5.965 min  
Delta R.T.: -0.004 min  
Response: 1140958  
Conc: 0.58 ng/ml



#12 4,4'-DDE

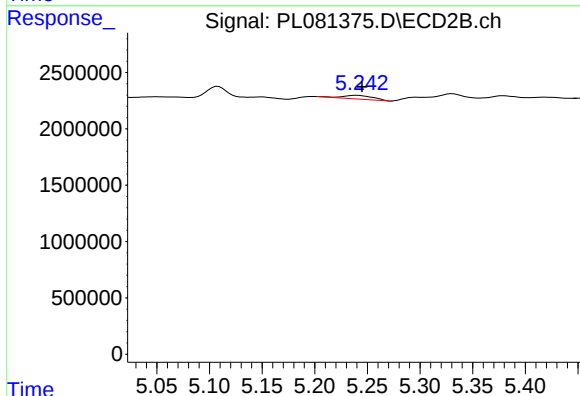
R.T.: 5.108 min  
Delta R.T.: -0.007 min  
Response: 1433060  
Conc: 0.73 ng/ml



#13 Dieldrin

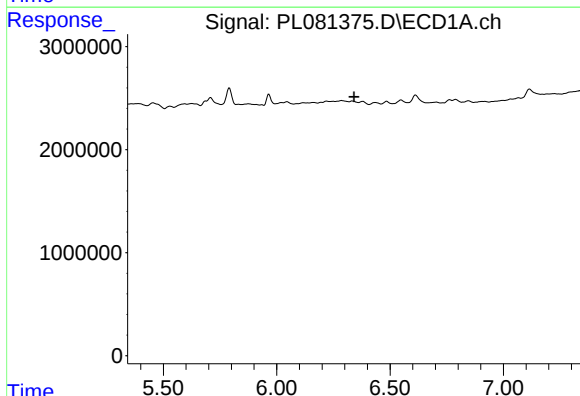
R.T.: 0.000 min  
Exp R.T.: 6.114 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



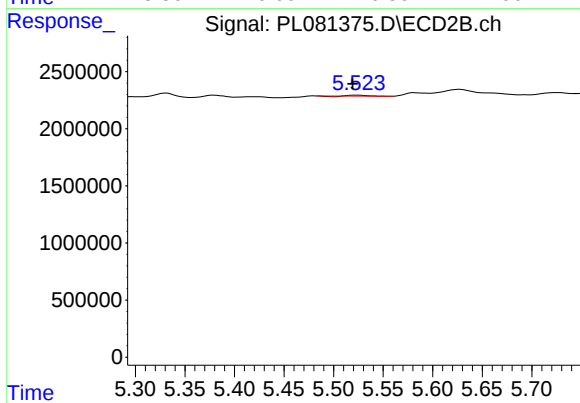
#13 Dieldrin

R.T.: 5.240 min  
Delta R.T.: -0.005 min  
Response: 663233  
Conc: 0.29 ng/ml



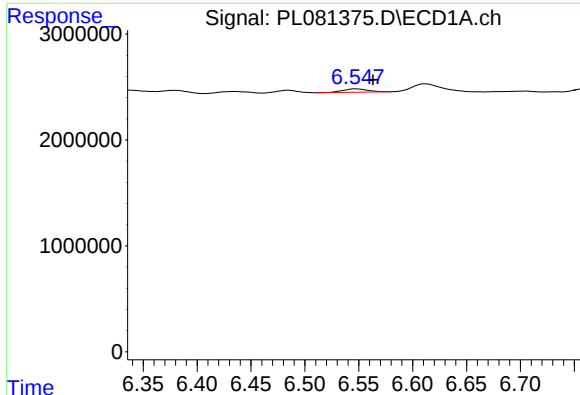
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.342 min  
Response: 0  
Conc: N.D.



#14 Endrin

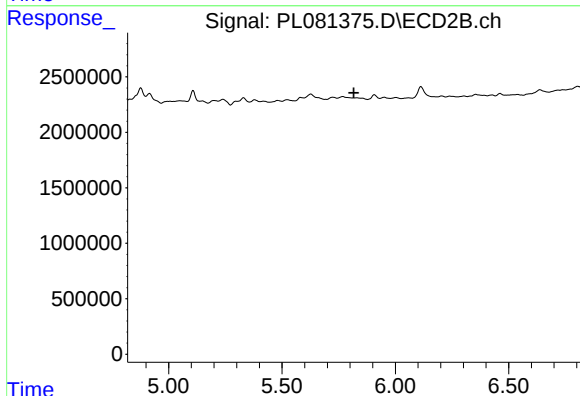
R.T.: 5.524 min  
Delta R.T.: 0.005 min  
Response: 71387  
Conc: 0.04 ng/ml



#15 Endosulfan II

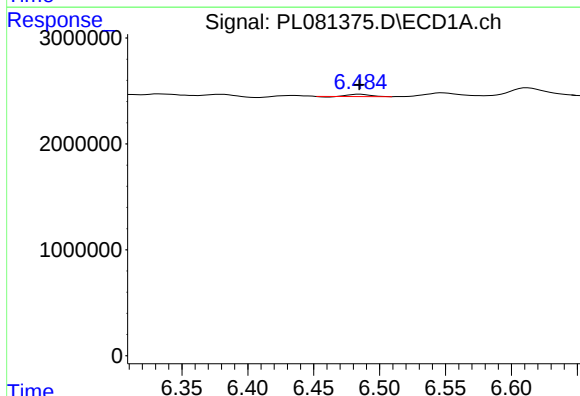
R.T.: 6.548 min  
Delta R.T.: -0.015 min  
Response: 491559  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



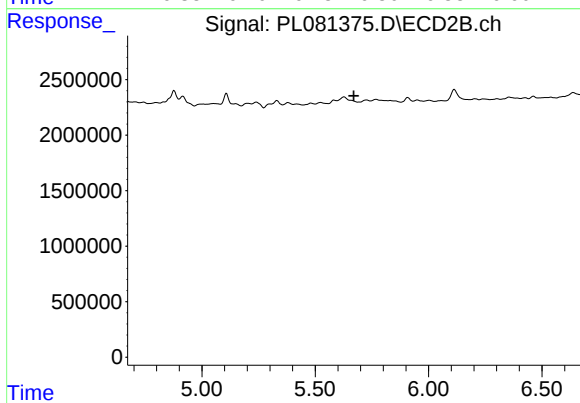
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.816 min  
Response: 0  
Conc: N.D.



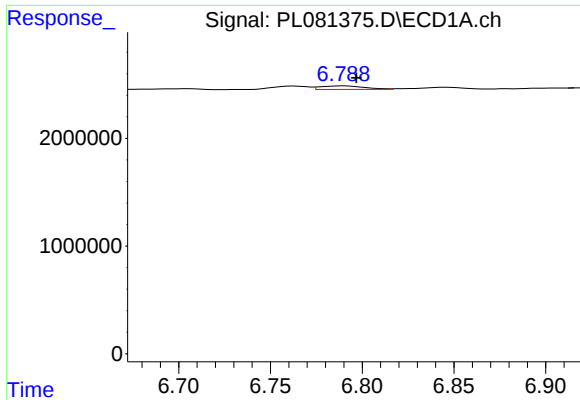
#16 4,4'-DDD

R.T.: 6.485 min  
Delta R.T.: 0.000 min  
Response: 213203  
Conc: 0.14 ng/ml



#16 4,4'-DDD

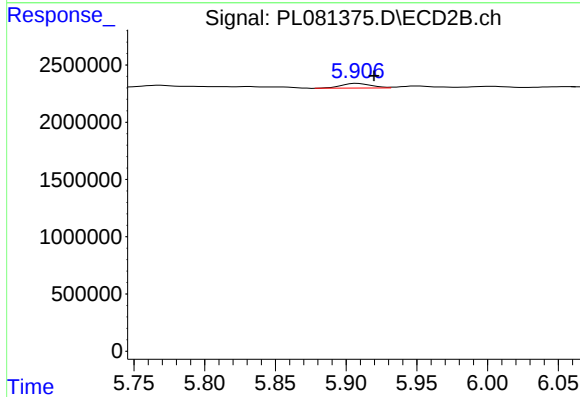
R.T.: 0.000 min  
Exp R.T. : 5.671 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

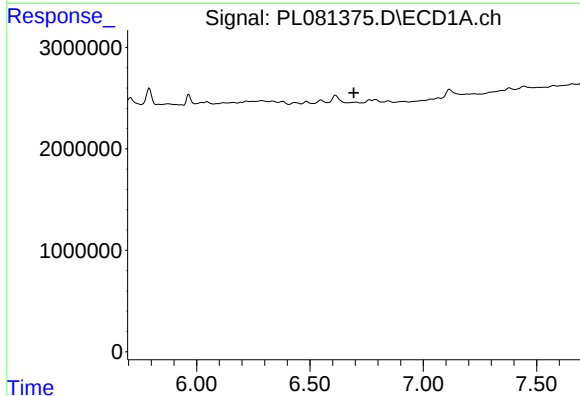
R.T.: 6.790 min  
Delta R.T.: -0.007 min  
Response: 535791  
Conc: 0.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



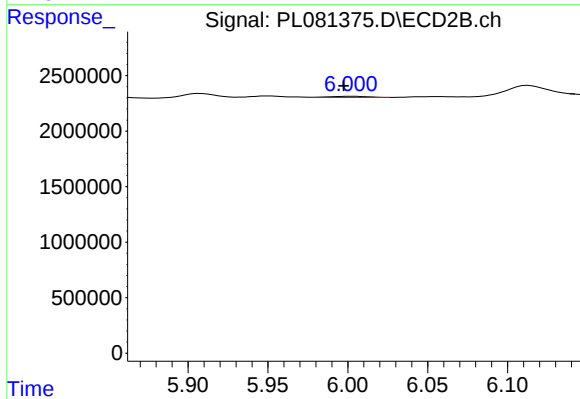
#17 4,4'-DDT

R.T.: 5.908 min  
Delta R.T.: -0.012 min  
Response: 615564  
Conc: 0.38 ng/ml



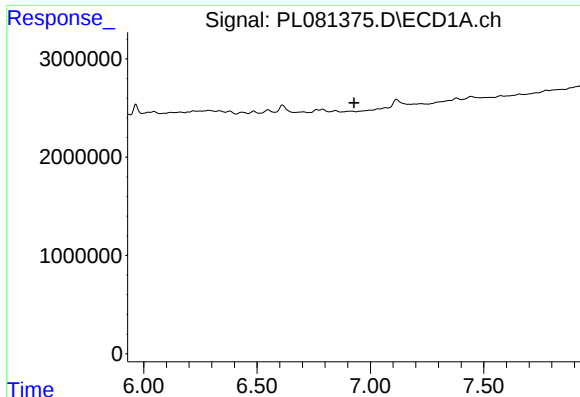
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.693 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

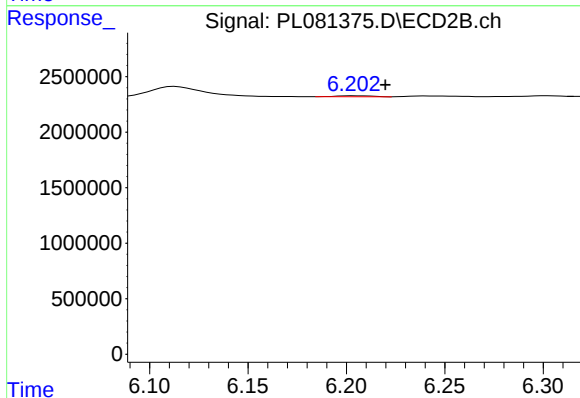
R.T.: 6.002 min  
Delta R.T.: 0.004 min  
Response: 183535  
Conc: 0.12 ng/ml



#19 Endosulfan Sulfate

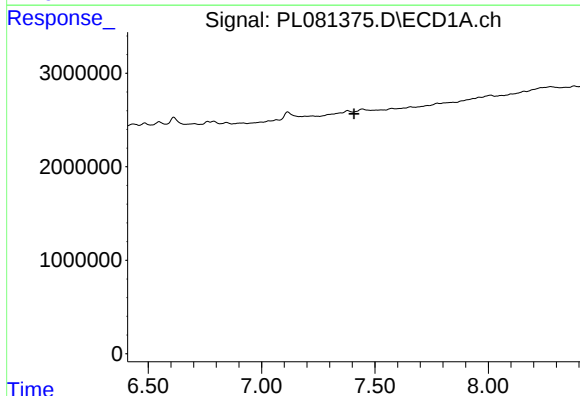
R.T.: 0.000 min  
Exp R.T.: 6.928 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



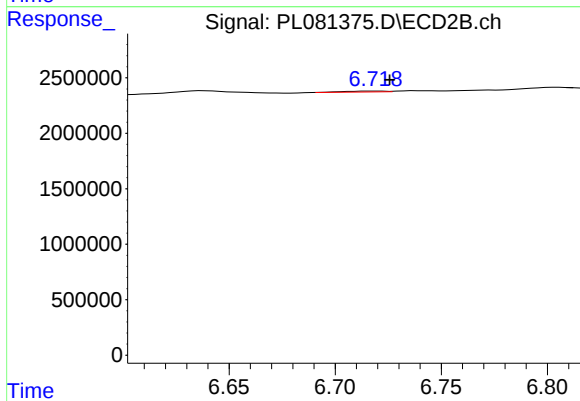
#19 Endosulfan Sulfate

R.T.: 6.204 min  
Delta R.T.: -0.016 min  
Response: 103754  
Conc: 0.05 ng/ml



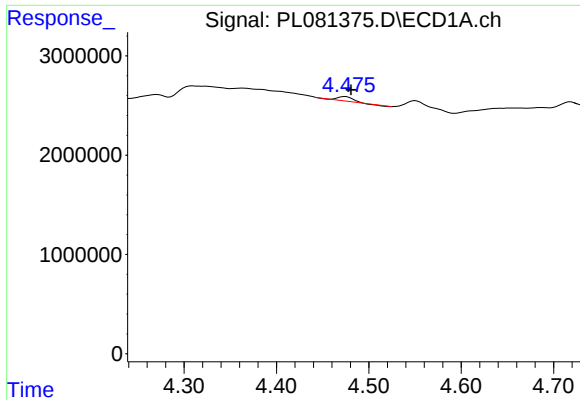
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.408 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

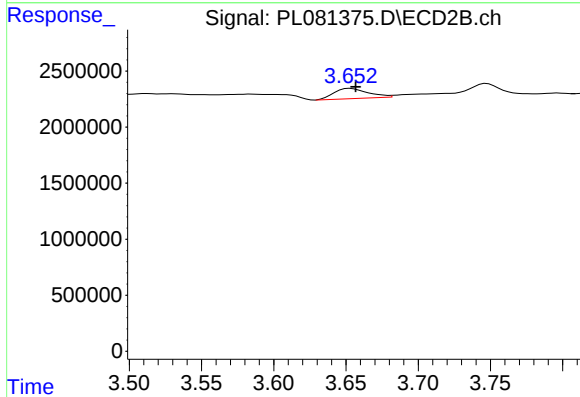
R.T.: 6.719 min  
Delta R.T.: -0.007 min  
Response: 109781  
Conc: 0.05 ng/ml



#23 Chlordane-1

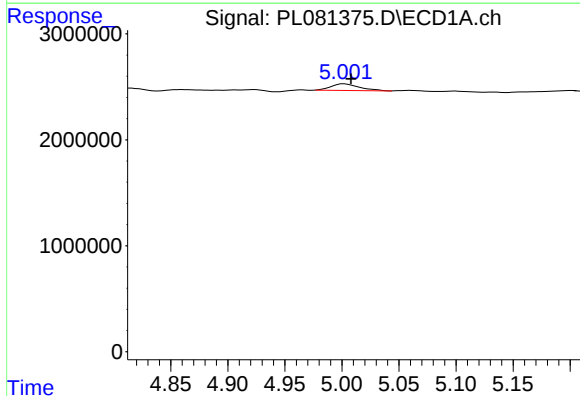
R.T.: 4.475 min  
Delta R.T.: -0.006 min  
Response: 367214  
Conc: 3.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



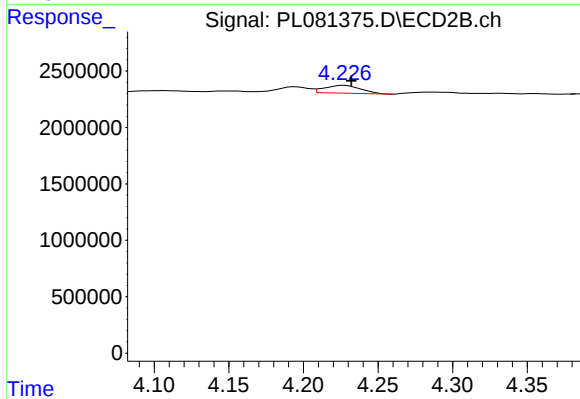
#23 Chlordane-1

R.T.: 3.653 min  
Delta R.T.: -0.004 min  
Response: 1499086  
Conc: 18.18 ng/ml



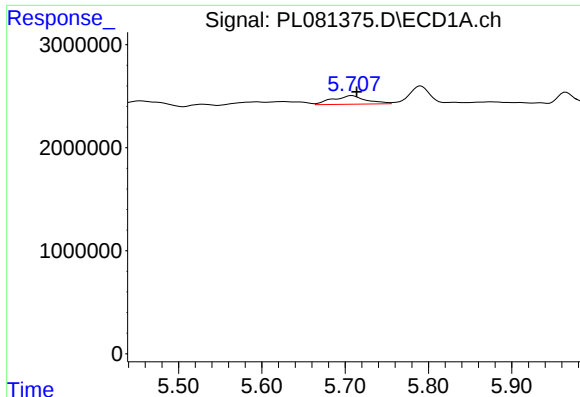
#24 Chlordane-2

R.T.: 5.002 min  
Delta R.T.: -0.006 min  
Response: 1071763  
Conc: 10.71 ng/ml



#24 Chlordane-2

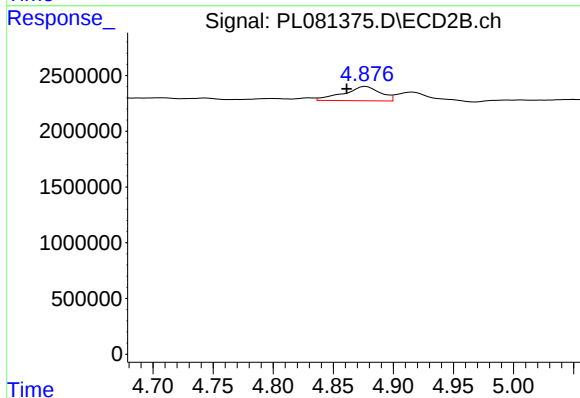
R.T.: 4.227 min  
Delta R.T.: -0.005 min  
Response: 1168670  
Conc: 11.42 ng/ml



#25 Chlordane-3

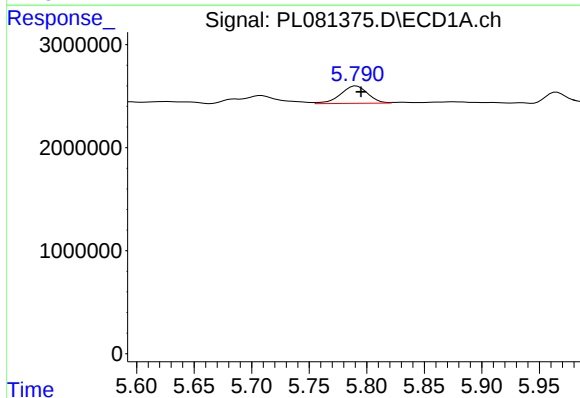
R.T.: 5.709 min  
Delta R.T.: -0.005 min  
Response: 2310081  
Conc: 6.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



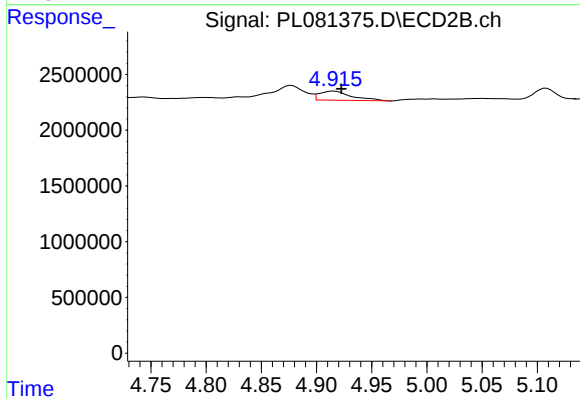
#25 Chlordane-3

R.T.: 4.877 min  
Delta R.T.: 0.016 min  
Response: 2721306  
Conc: 10.07 ng/ml



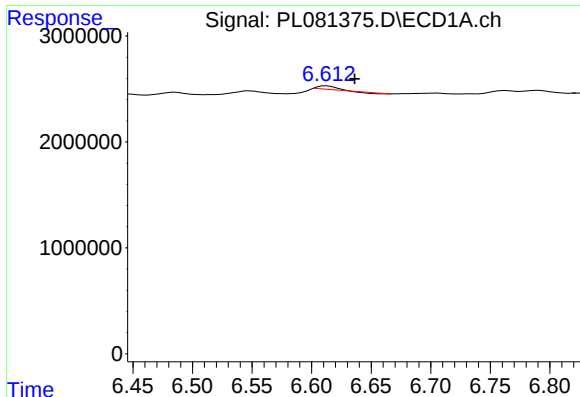
#26 Chlordane-4

R.T.: 5.791 min  
Delta R.T.: -0.004 min  
Response: 2822256  
Conc: 6.42 ng/ml



#26 Chlordane-4

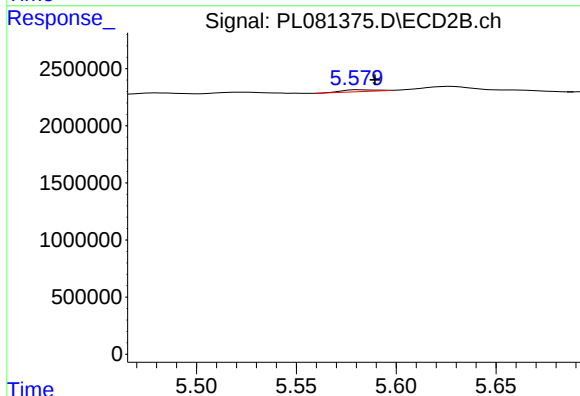
R.T.: 4.916 min  
Delta R.T.: -0.006 min  
Response: 1651714  
Conc: 5.88 ng/ml



#27 Chlordane-5

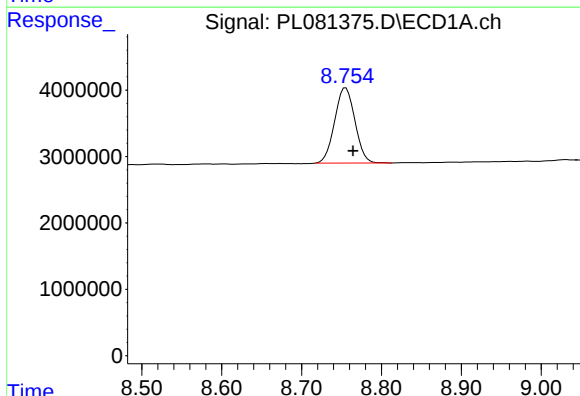
R.T.: 6.612 min  
Delta R.T.: -0.024 min  
Response: 254167  
Conc: 3.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



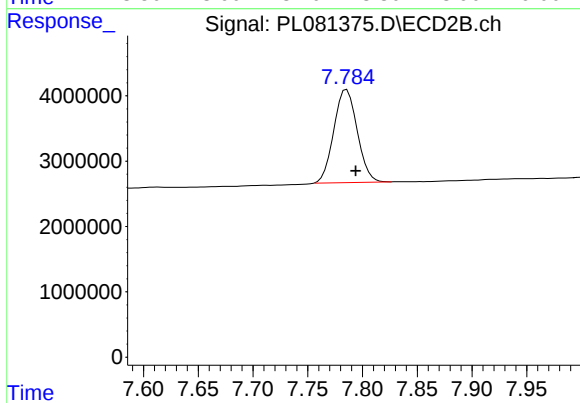
#27 Chlordane-5

R.T.: 5.581 min  
Delta R.T.: -0.008 min  
Response: 172900  
Conc: 2.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.755 min  
Delta R.T.: -0.009 min  
Response: 20026268  
Conc: 13.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.786 min  
Delta R.T.: -0.008 min  
Response: 21182535  
Conc: 11.06 ng/ml