

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050423\  
 Data File : PL082510.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 May 2023 16:07  
 Operator : AR\AJ  
 Sample : 02588-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 04 21:17:05 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.321  | 2.643  | 26114042 | 22825566 | 9.776  | 9.852   |
| 28)                         | SA Decachlor... | 8.739  | 7.753  | 25450351 | 28253507 | 13.331 | 12.378  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 3)                          | MA gamma-BHC... | 4.077f | 3.485  | 126143   | 372419   | 0.034  | 0.116 # |
| 4)                          | MA Heptachlor   | 0.000  | 3.817  | 0        | 925228   | N.D.   | 0.270 # |
| 5)                          | MB Aldrin       | 0.000  | 4.096  | 0        | 1704268  | N.D.   | 0.541 # |
| 6)                          | B beta-BHC      | 4.299  | 3.769  | 215452   | 37804    | 0.126  | 0.028 # |
| 7)                          | B delta-BHC     | 0.000  | 3.997  | 0        | 676810   | N.D.   | 0.221 # |
| 8)                          | B Heptachlo...  | 5.437  | 4.568f | 3121493  | 119745   | 1.023  | 0.042 # |
| 9)                          | A Endosulfan I  | 5.809  | 4.976f | 547175   | 169042   | 0.197  | 0.063 # |
| 10)                         | B gamma-Chl...  | 5.718f | 4.855f | 2592185  | 2292773  | 0.862  | 0.790   |
| 11)                         | B alpha-Chl...  | 5.775  | 4.880f | 833721   | 1049159  | 0.279  | 0.361 # |
| 12)                         | B 4,4'-DDE      | 5.948  | 5.079  | 3261954  | 1493836  | 1.283  | 0.650 # |
| 13)                         | MA Dieldrin     | 6.098  | 5.212  | 876459   | 2519487  | 0.318  | 0.933 # |
| 14)                         | MA Endrin       | 6.327  | 5.491  | 1934062  | -137732  | 0.798  | N.D. #  |
| 15)                         | B Endosulfa...  | 6.539  | 5.766f | 531082   | 726877   | 0.218  | 0.322 # |
| 16)                         | A 4,4'-DDD      | 6.473  | 0.000  | 3543713  | 0        | 1.748  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.779  | 5.877  | 353260   | 3945950  | 0.154  | 1.868 # |
| 18)                         | B Endrin al...  | 0.000  | 5.974  | 0        | 612434   | N.D.   | 0.327 # |
| 19)                         | B Endosulfa...  | 6.890f | 6.175  | 579603   | 1364485  | 0.244  | 0.580 # |
| 21)                         | B Endrin ke...  | 7.366f | 6.678f | 578086   | 47678    | 0.241  | 0.019 # |
| 23)                         | Chlordane-1     | 0.000  | 3.629  | 0        | 662398   | N.D.   | 7.469 # |
| 25)                         | Chlordane-3     | 5.718f | 4.855f | 2592185  | 2292773  | 6.005  | 8.070 # |
| 26)                         | Chlordane-4     | 5.775  | 4.880  | 833721   | 1049159  | 1.604  | 3.516 # |
| 27)                         | Chlordane-5     | 6.595f | 5.766f | 386752   | 726877   | 4.119  | 7.364 # |
| -----                       |                 |        |        |          |          |        |         |

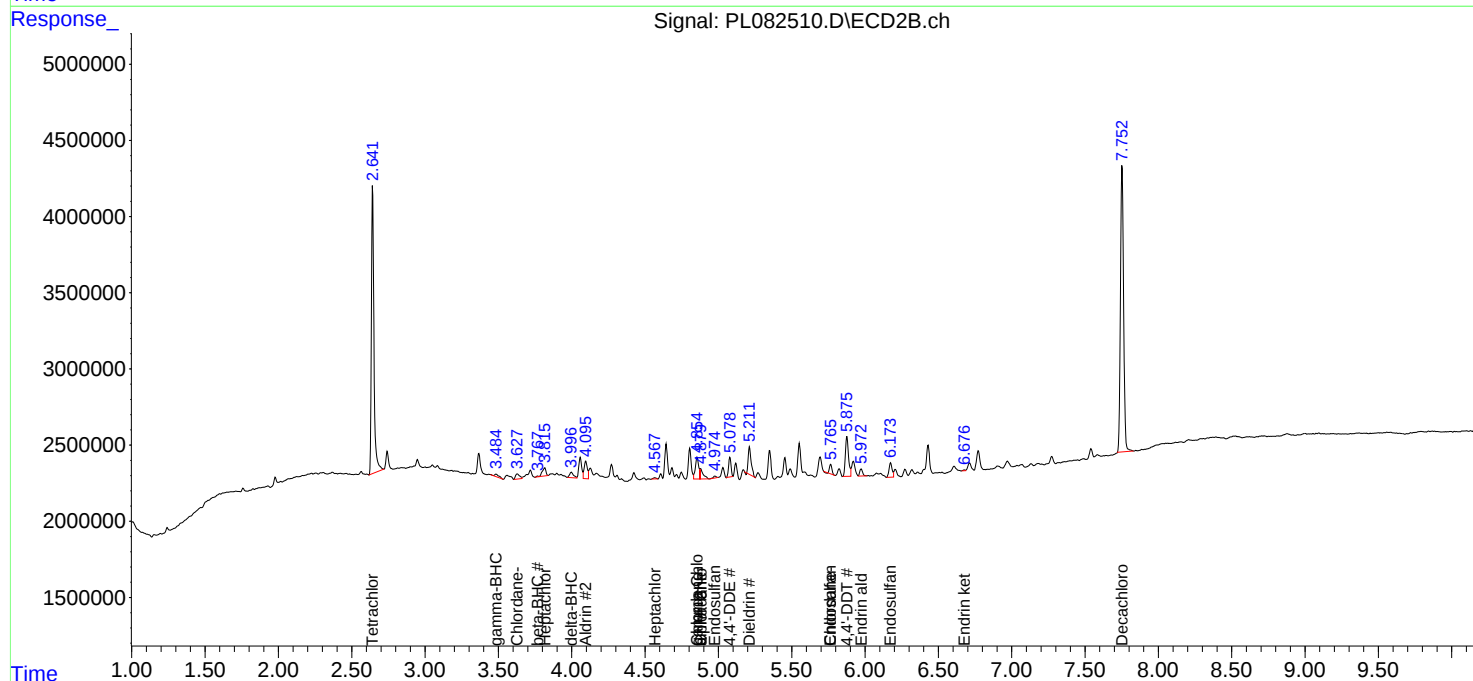
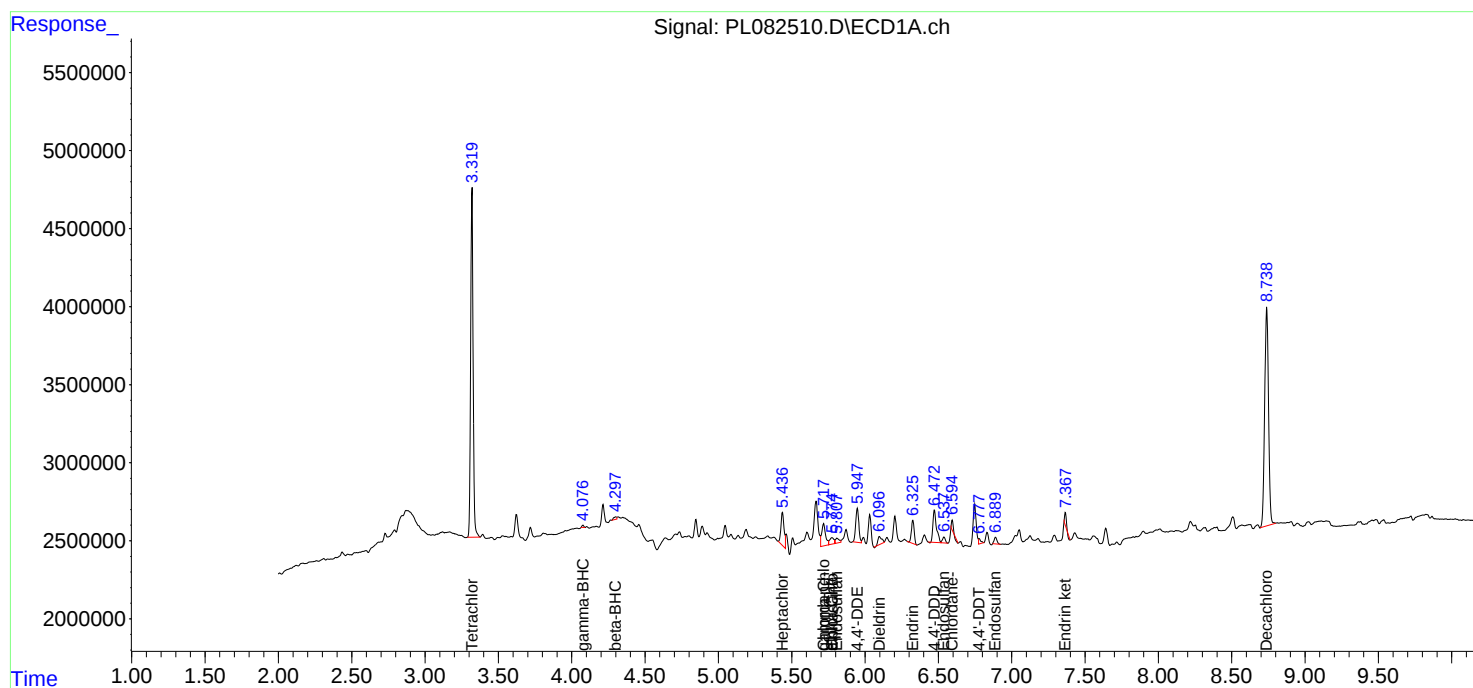
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

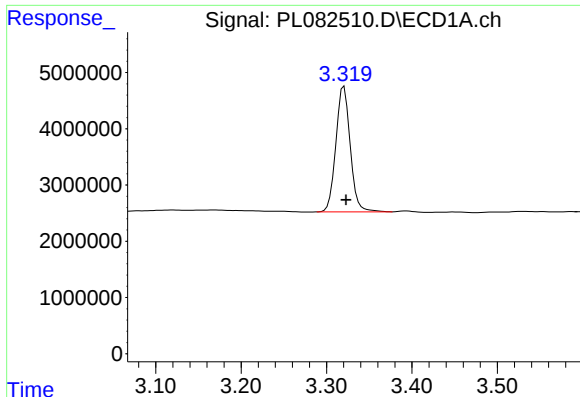
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050423\  
Data File : PL082510.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 May 2023 16:07  
Operator : AR\AJ  
Sample : 02588-03  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 04 21:17:05 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

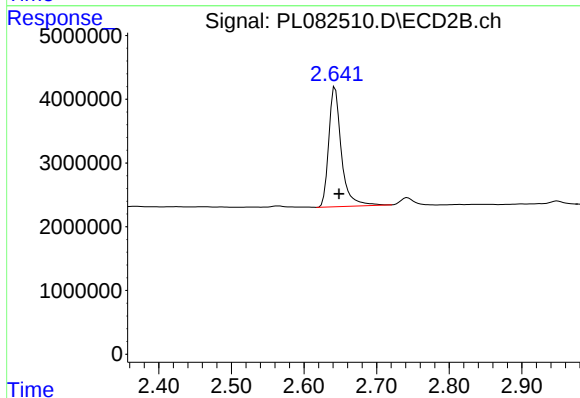




#1 Tetrachloro-m-xylene

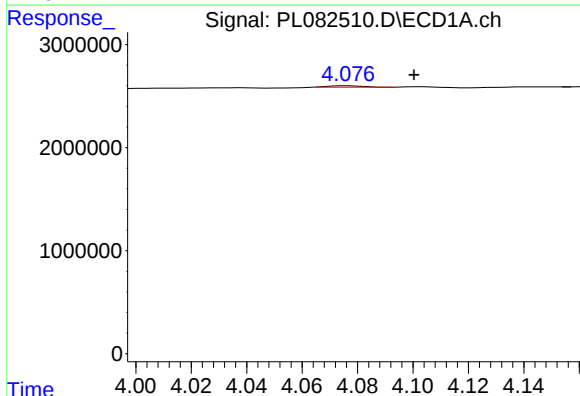
R.T.: 3.321 min  
Delta R.T.: -0.002 min  
Response: 26114042  
Conc: 9.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



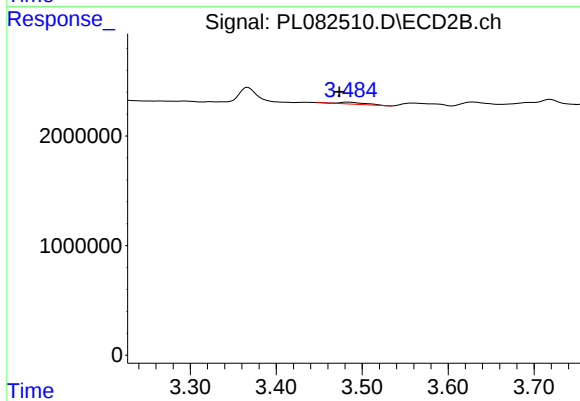
#1 Tetrachloro-m-xylene

R.T.: 2.643 min  
Delta R.T.: -0.005 min  
Response: 22825566  
Conc: 9.85 ng/ml



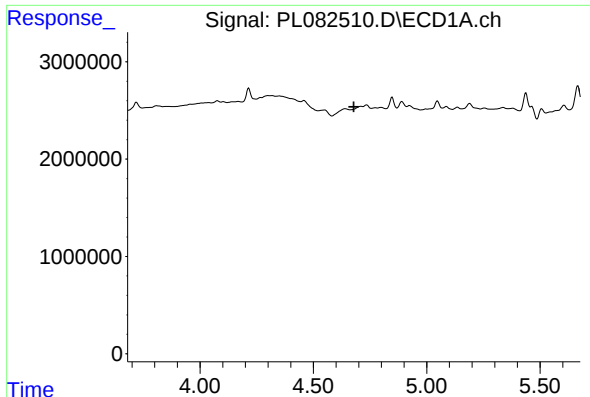
#3 gamma-BHC (Lindane)

R.T.: 4.077 min  
Delta R.T.: -0.023 min  
Response: 126143  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

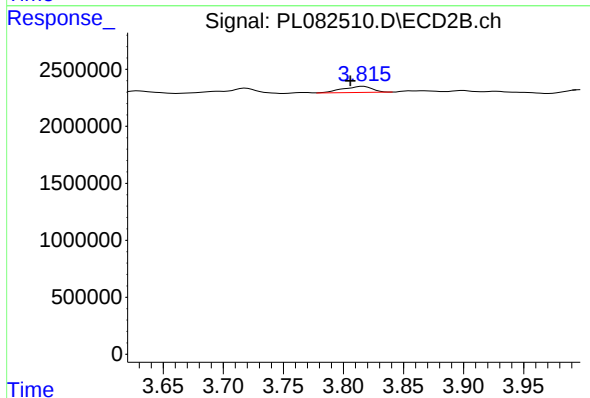
R.T.: 3.485 min  
Delta R.T.: 0.011 min  
Response: 372419  
Conc: 0.12 ng/ml



#4 Heptachlor

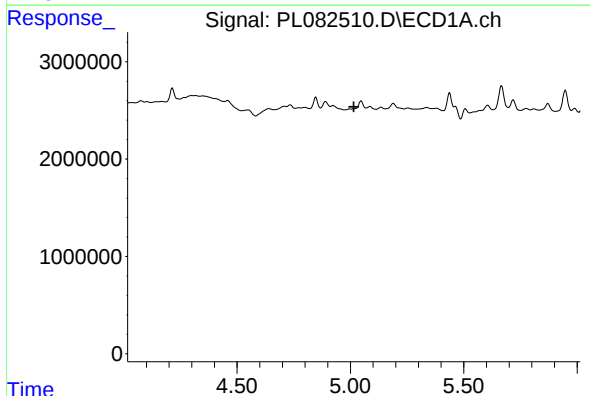
R.T.: 0.000 min  
Exp R.T.: 4.679 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



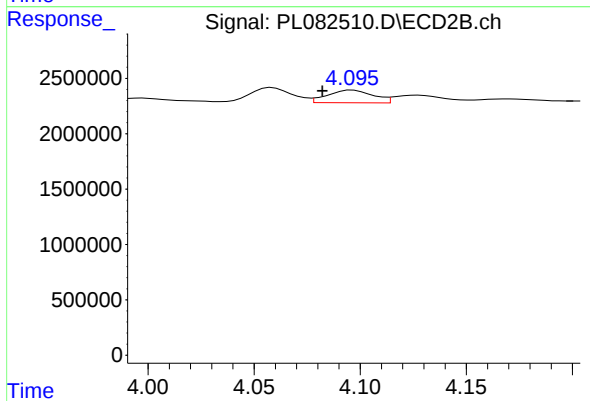
#4 Heptachlor

R.T.: 3.817 min  
Delta R.T.: 0.011 min  
Response: 925228  
Conc: 0.27 ng/ml



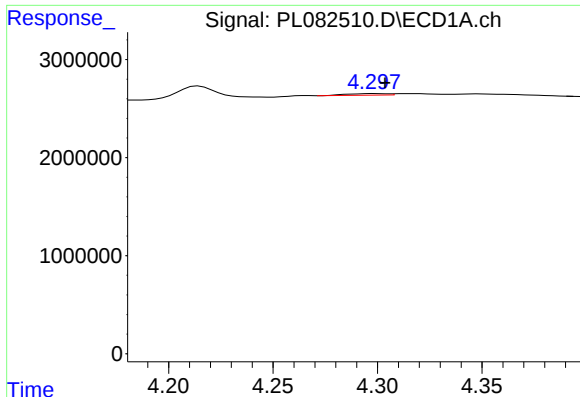
#5 Aldrin

R.T.: 0.000 min  
Exp R.T.: 5.016 min  
Response: 0  
Conc: N.D.



#5 Aldrin

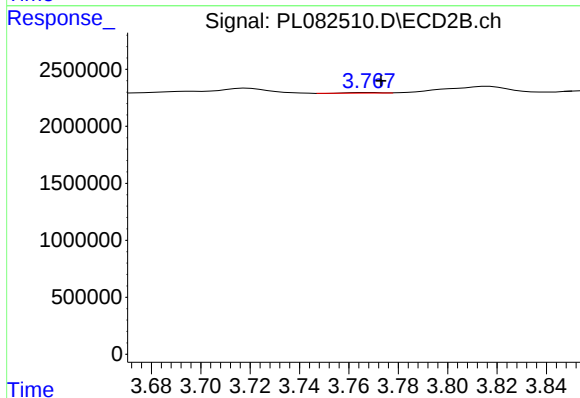
R.T.: 4.096 min  
Delta R.T.: 0.014 min  
Response: 1704268  
Conc: 0.54 ng/ml



#6 beta-BHC

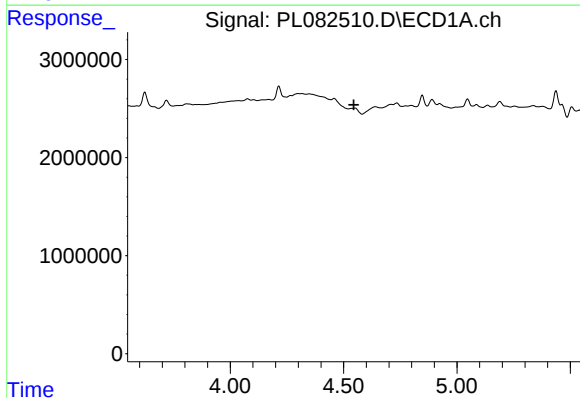
R.T.: 4.299 min  
Delta R.T.: -0.004 min  
Response: 215452  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



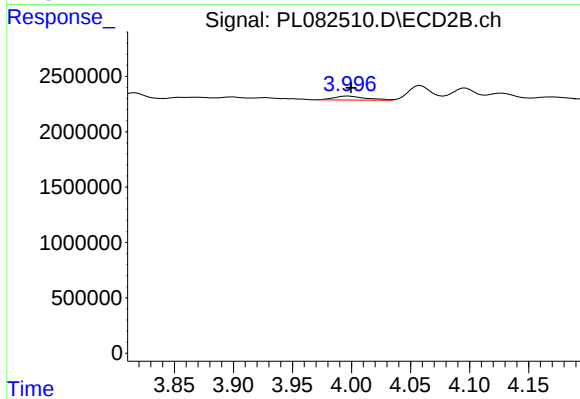
#6 beta-BHC

R.T.: 3.769 min  
Delta R.T.: -0.004 min  
Response: 37804  
Conc: 0.03 ng/ml



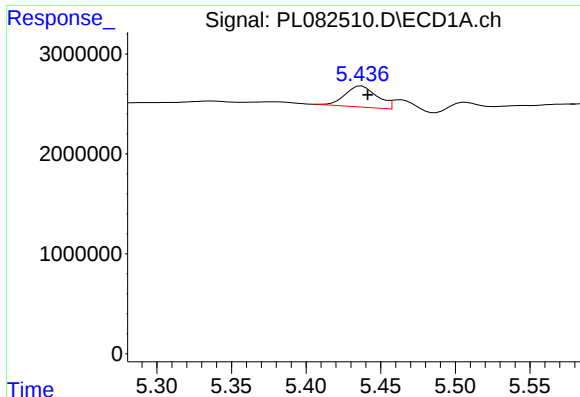
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.545 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

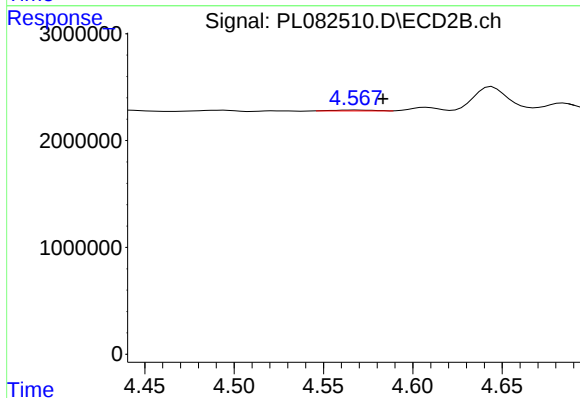
R.T.: 3.997 min  
Delta R.T.: -0.002 min  
Response: 676810  
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

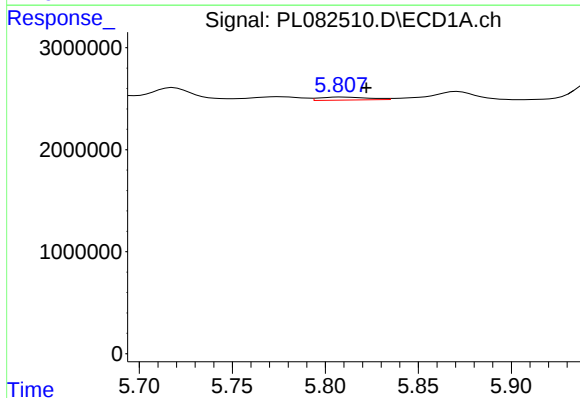
R.T.: 5.437 min  
Delta R.T.: -0.004 min  
Response: 3121493  
Conc: 1.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



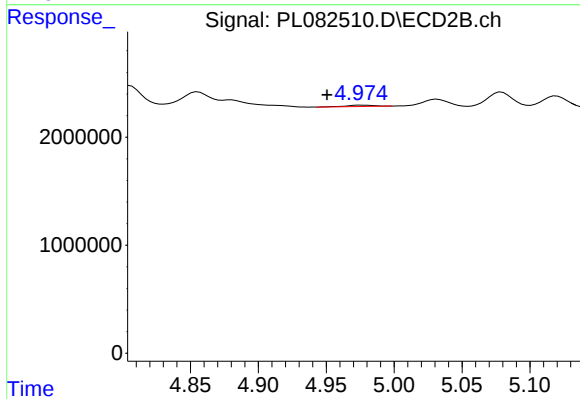
#8 Heptachlor epoxide

R.T.: 4.568 min  
Delta R.T.: -0.016 min  
Response: 119745  
Conc: 0.04 ng/ml



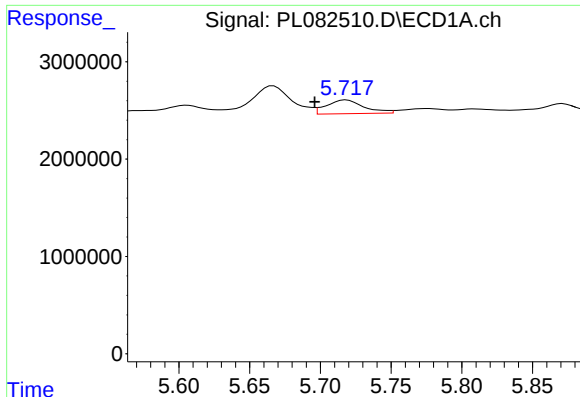
#9 Endosulfan I

R.T.: 5.809 min  
Delta R.T.: -0.014 min  
Response: 547175  
Conc: 0.20 ng/ml



#9 Endosulfan I

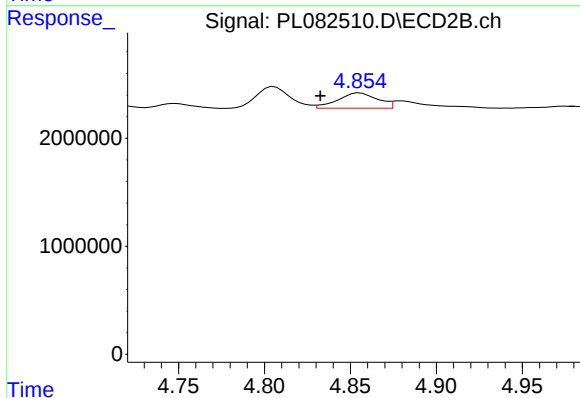
R.T.: 4.976 min  
Delta R.T.: 0.025 min  
Response: 169042  
Conc: 0.06 ng/ml



#10 gamma-Chlordane

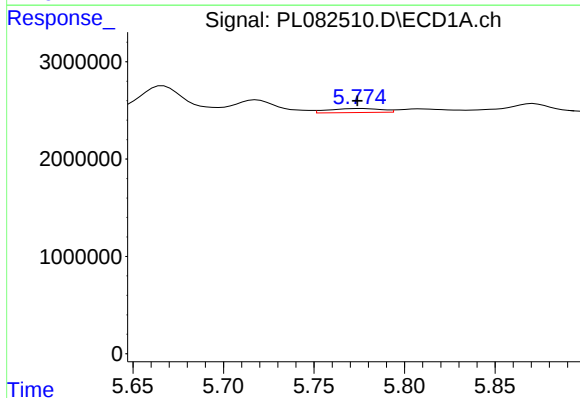
R.T.: 5.718 min  
Delta R.T.: 0.022 min  
Response: 2592185  
Conc: 0.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



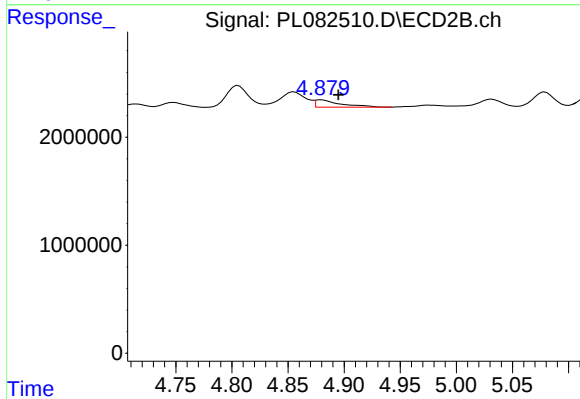
#10 gamma-Chlordane

R.T.: 4.855 min  
Delta R.T.: 0.023 min  
Response: 2292773  
Conc: 0.79 ng/ml



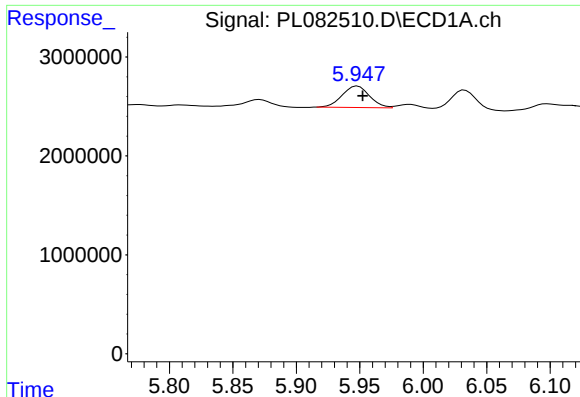
#11 alpha-Chlordane

R.T.: 5.775 min  
Delta R.T.: 0.001 min  
Response: 833721  
Conc: 0.28 ng/ml



#11 alpha-Chlordane

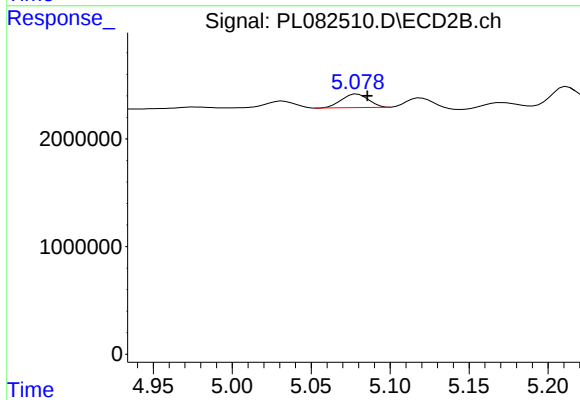
R.T.: 4.880 min  
Delta R.T.: -0.015 min  
Response: 1049159  
Conc: 0.36 ng/ml



#12 4,4'-DDE

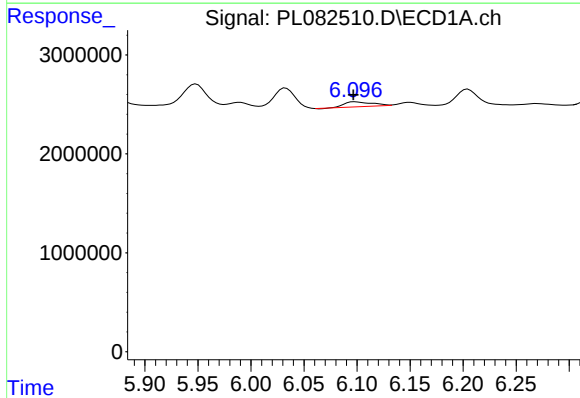
R.T.: 5.948 min  
Delta R.T.: -0.004 min  
Response: 3261954  
Conc: 1.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



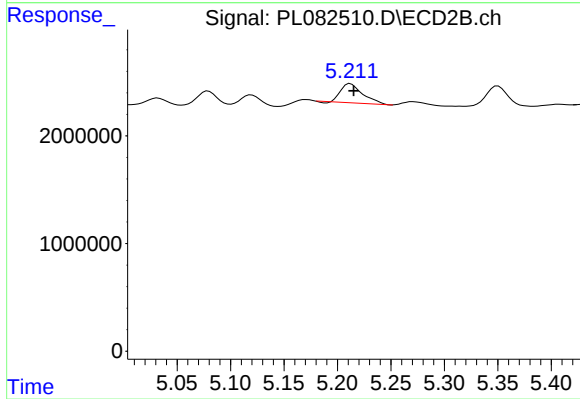
#12 4,4'-DDE

R.T.: 5.079 min  
Delta R.T.: -0.006 min  
Response: 1493836  
Conc: 0.65 ng/ml



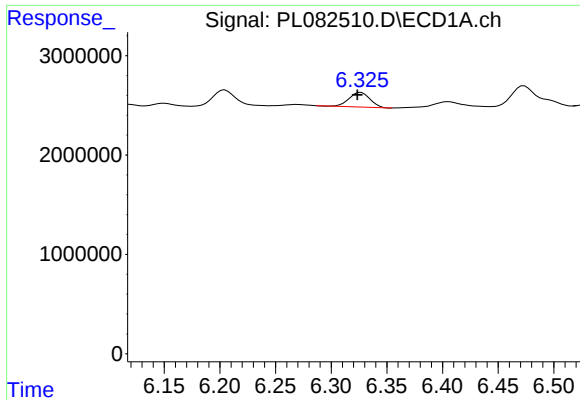
#13 Dieldrin

R.T.: 6.098 min  
Delta R.T.: 0.001 min  
Response: 876459  
Conc: 0.32 ng/ml



#13 Dieldrin

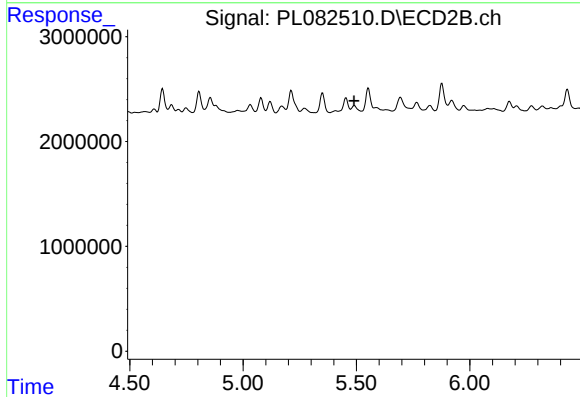
R.T.: 5.212 min  
Delta R.T.: -0.003 min  
Response: 2519487  
Conc: 0.93 ng/ml



#14 Endrin

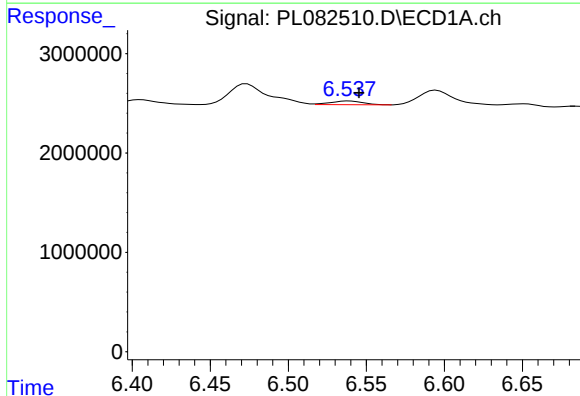
R.T.: 6.327 min  
Delta R.T.: 0.003 min  
Response: 1934062  
Conc: 0.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



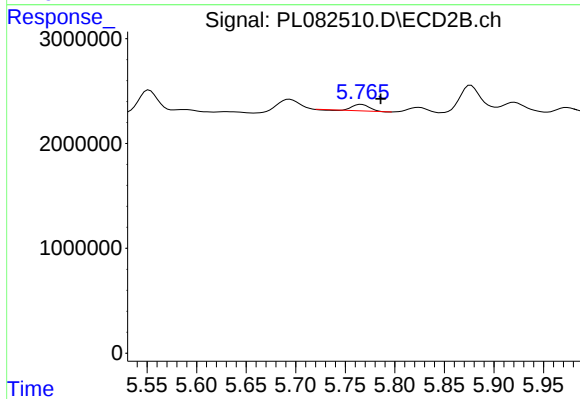
#14 Endrin

R.T.: 5.491 min  
Delta R.T.: 0.001 min  
Response: -137732  
Conc: N.D.



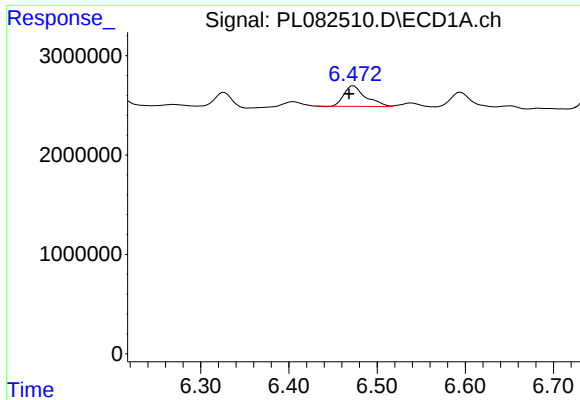
#15 Endosulfan II

R.T.: 6.539 min  
Delta R.T.: -0.006 min  
Response: 531082  
Conc: 0.22 ng/ml



#15 Endosulfan II

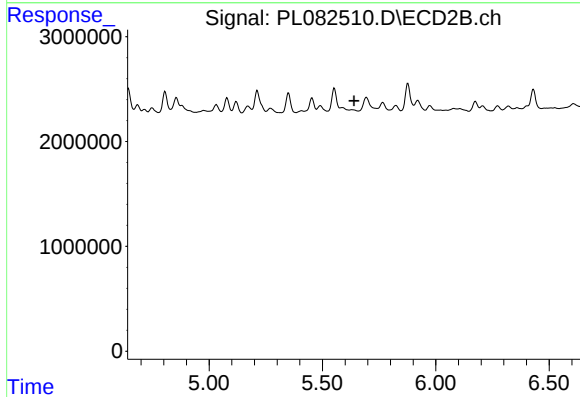
R.T.: 5.766 min  
Delta R.T.: -0.019 min  
Response: 726877  
Conc: 0.32 ng/ml



#16 4,4'-DDD

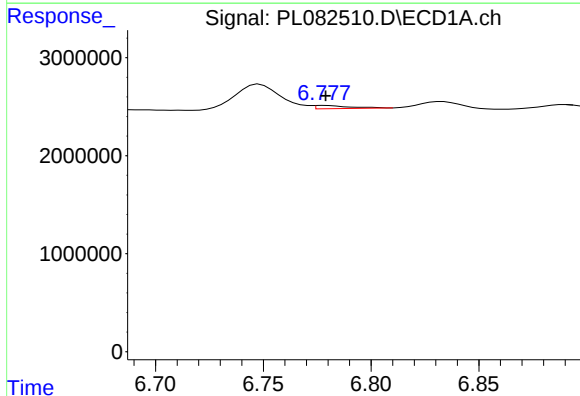
R.T.: 6.473 min  
Delta R.T.: 0.005 min  
Response: 3543713  
Conc: 1.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



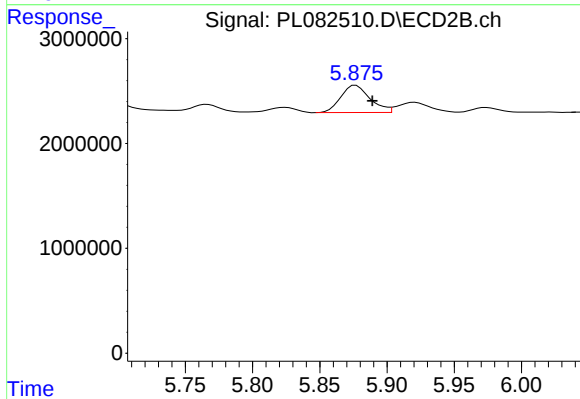
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.640 min  
Response: 0  
Conc: N.D.



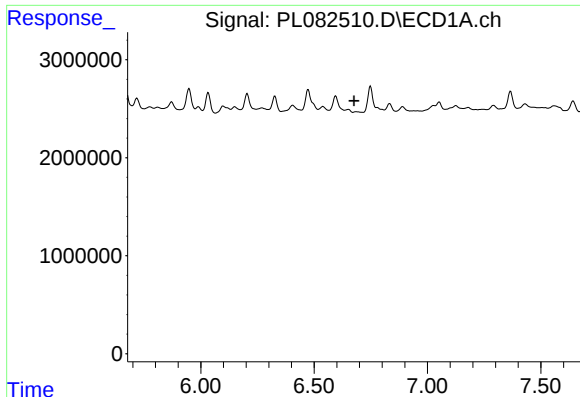
#17 4,4'-DDT

R.T.: 6.779 min  
Delta R.T.: 0.000 min  
Response: 353260  
Conc: 0.15 ng/ml



#17 4,4'-DDT

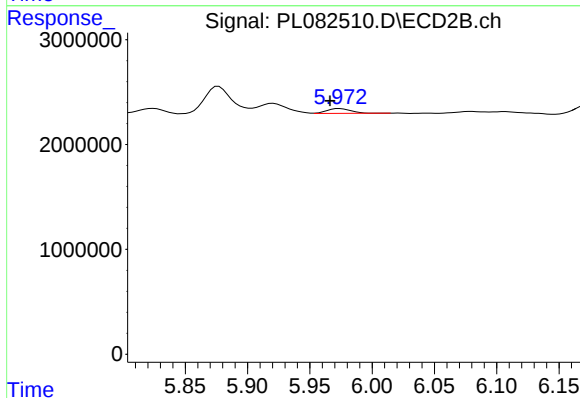
R.T.: 5.877 min  
Delta R.T.: -0.012 min  
Response: 3945950  
Conc: 1.87 ng/ml



#18 Endrin aldehyde

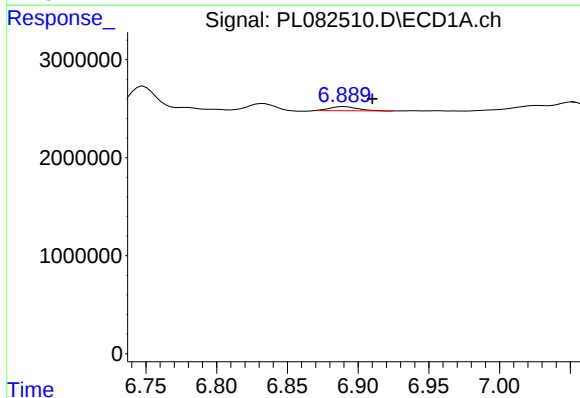
R.T.: 0.000 min  
Exp R.T.: 6.676 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



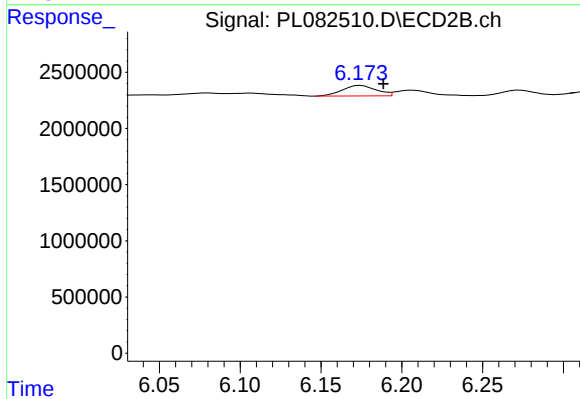
#18 Endrin aldehyde

R.T.: 5.974 min  
Delta R.T.: 0.007 min  
Response: 612434  
Conc: 0.33 ng/ml



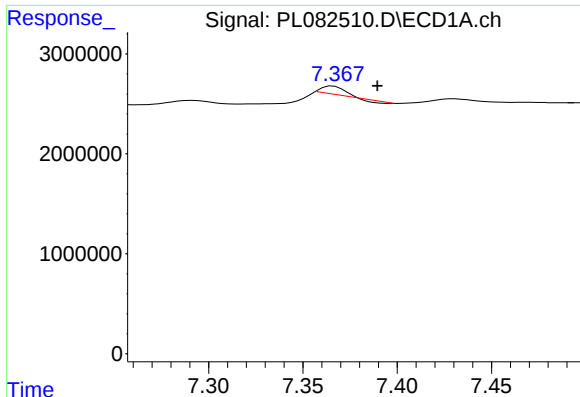
#19 Endosulfan Sulfate

R.T.: 6.890 min  
Delta R.T.: -0.020 min  
Response: 579603  
Conc: 0.24 ng/ml



#19 Endosulfan Sulfate

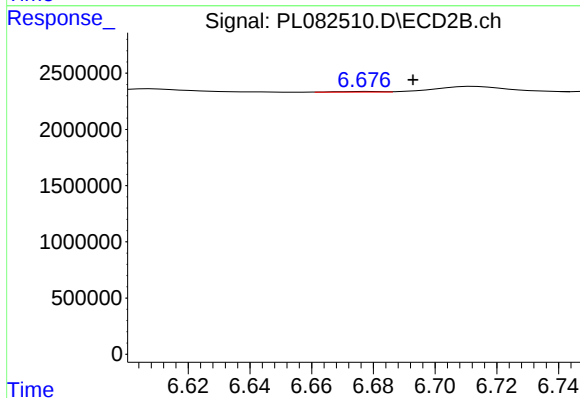
R.T.: 6.175 min  
Delta R.T.: -0.014 min  
Response: 1364485  
Conc: 0.58 ng/ml



#21 Endrin ketone

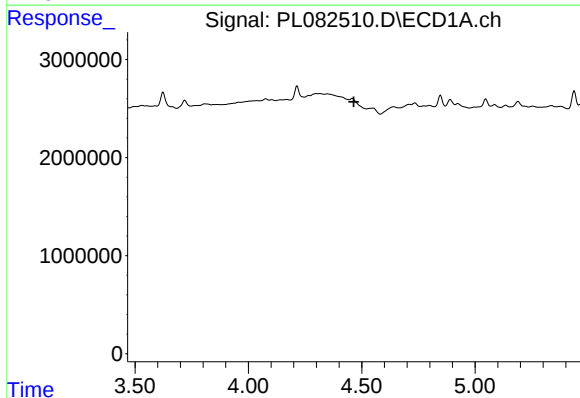
R.T.: 7.366 min  
Delta R.T.: -0.023 min  
Response: 578086  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



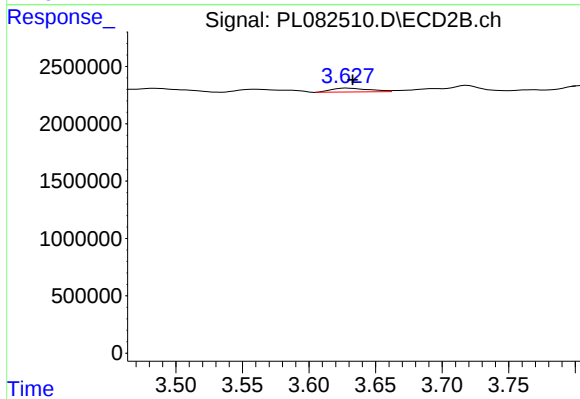
#21 Endrin ketone

R.T.: 6.678 min  
Delta R.T.: -0.015 min  
Response: 47678  
Conc: 0.02 ng/ml



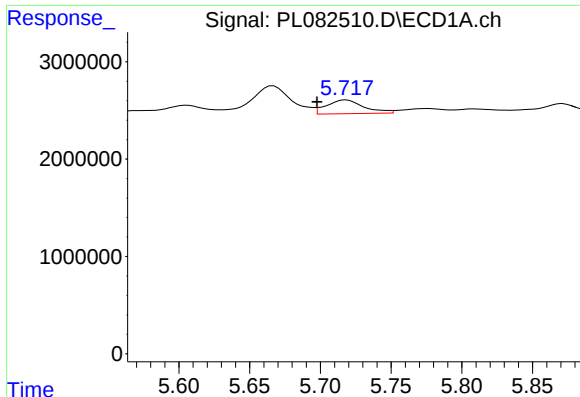
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.466 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

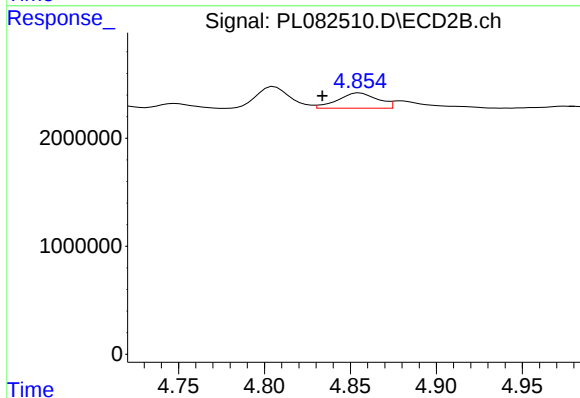
R.T.: 3.629 min  
Delta R.T.: -0.004 min  
Response: 662398  
Conc: 7.47 ng/ml



#25 Chlordane-3

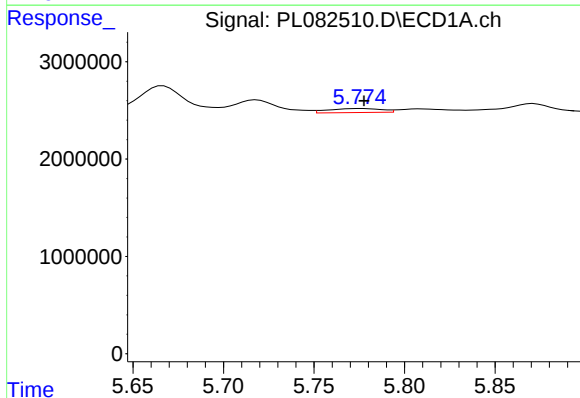
R.T.: 5.718 min  
Delta R.T.: 0.021 min  
Response: 2592185  
Conc: 6.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



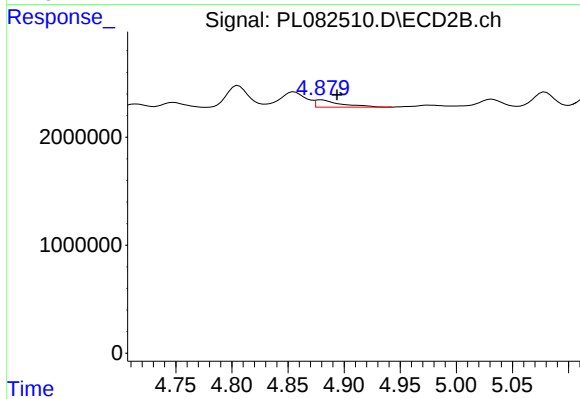
#25 Chlordane-3

R.T.: 4.855 min  
Delta R.T.: 0.022 min  
Response: 2292773  
Conc: 8.07 ng/ml



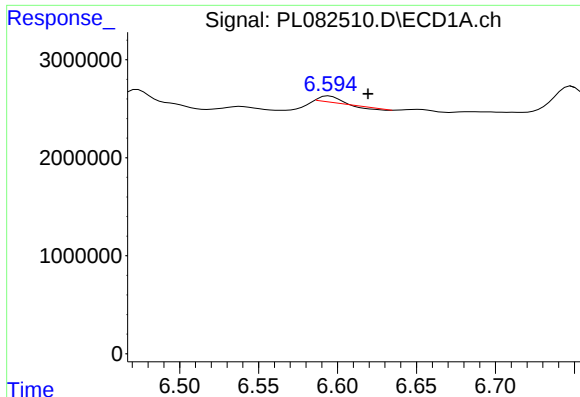
#26 Chlordane-4

R.T.: 5.775 min  
Delta R.T.: -0.002 min  
Response: 833721  
Conc: 1.60 ng/ml



#26 Chlordane-4

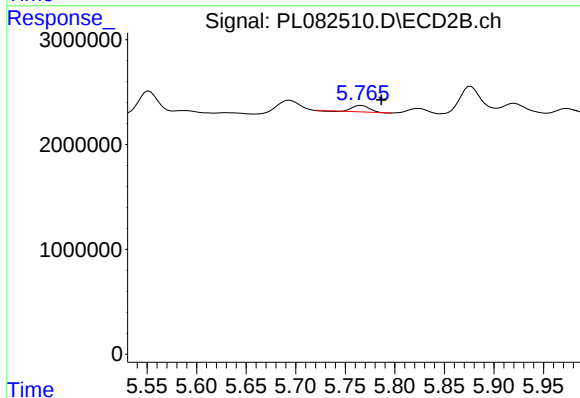
R.T.: 4.880 min  
Delta R.T.: -0.014 min  
Response: 1049159  
Conc: 3.52 ng/ml



#27 Chlordane-5

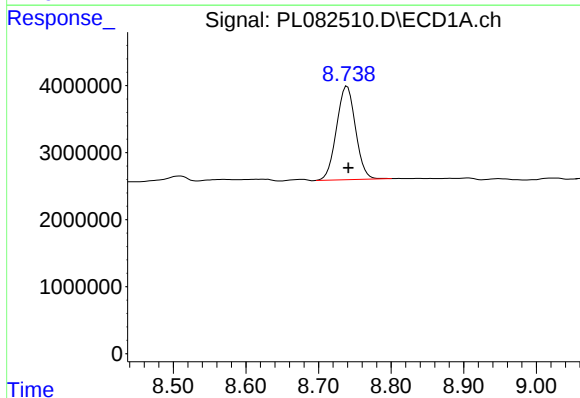
R.T.: 6.595 min  
Delta R.T.: -0.024 min  
Response: 386752  
Conc: 4.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



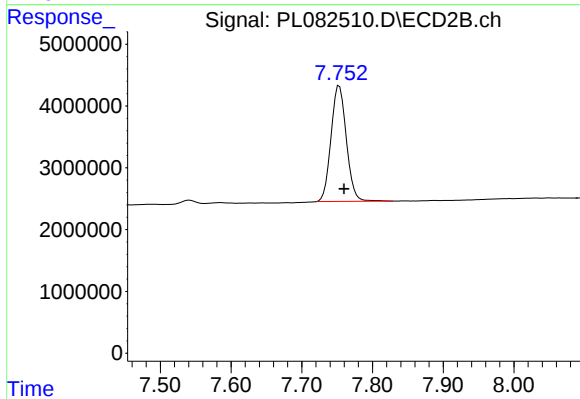
#27 Chlordane-5

R.T.: 5.766 min  
Delta R.T.: -0.020 min  
Response: 726877  
Conc: 7.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.739 min  
Delta R.T.: -0.002 min  
Response: 25450351  
Conc: 13.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.753 min  
Delta R.T.: -0.007 min  
Response: 28253507  
Conc: 12.38 ng/ml