

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081124\  
 Data File : PL090973.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2024 12:10  
 Operator : AR\AJ  
 Sample : P3520-07  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OU4-CF-11-080624

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 12 02:01:17 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 06 10:55:36 2024  
 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... | 3.545  | 2.786  | 45882351 | 39093650 | 23.697 | 22.613   |
| 28)                         | SA Decachlor... | 9.056  | 7.927  | 33593746 | 36274979 | 23.382 | 21.732   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 0.000  | 3.637f | 0        | 1309557  | N.D.   | 0.559 #  |
| 4)                          | MA Heptachlor   | 4.897f | 3.951  | 10878312 | 74683    | 4.399  | 0.032 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.262f | 0        | 711715   | N.D.   | 0.321 #  |
| 6)                          | B beta-BHC      | 4.543  | 3.927  | 2914922  | 120876   | 2.315  | 0.114 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.144  | 0        | 42016    | N.D.   | 0.019 #  |
| 8)                          | B Heptachlo...  | 0.000  | 4.723f | 0        | 61271    | N.D.   | 0.030 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.119  | 0        | 141723   | N.D.   | 0.073 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 4.991  | 0        | 77120    | N.D.   | 0.036 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 5.044  | 0        | 241547   | N.D.   | 0.113 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.273f | 0        | 1742264  | N.D.   | 0.929 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.361f | 0        | 173023   | N.D.   | 0.084 #  |
| 14)                         | MA Endrin       | 0.000  | 5.665  | 0        | 701619   | N.D.   | 0.384 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.947  | 0        | 554240   | N.D.   | 0.305 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.056  | 0        | 338030   | N.D.   | 0.204 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.122  | 0        | 843645   | N.D.   | 0.596 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.340  | 0        | 59525    | N.D.   | 0.034 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.621  | 0        | 29456    | N.D.   | 0.032 #  |
| 21)                         | B Endrin ke...  | 7.666f | 0.000  | 3669329  | 0        | 1.852  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 7.035  | 0        | 250334   | N.D.   | 0.149 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.800  | 0        | 1033808  | N.D.   | 15.334 # |
| 24)                         | Chlordane-2     | 0.000  | 4.339f | 0        | 1886368  | N.D.   | 22.680 # |
| 25)                         | Chlordane-3     | 0.000  | 4.991  | 0        | 77120    | N.D.   | 0.344 #  |
| 26)                         | Chlordane-4     | 0.000  | 5.044  | 0        | 241547   | N.D.   | 1.129 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.732  | 0        | 1070228  | N.D.   | 16.014 # |
| -----                       |                 |        |        |          |          |        |          |

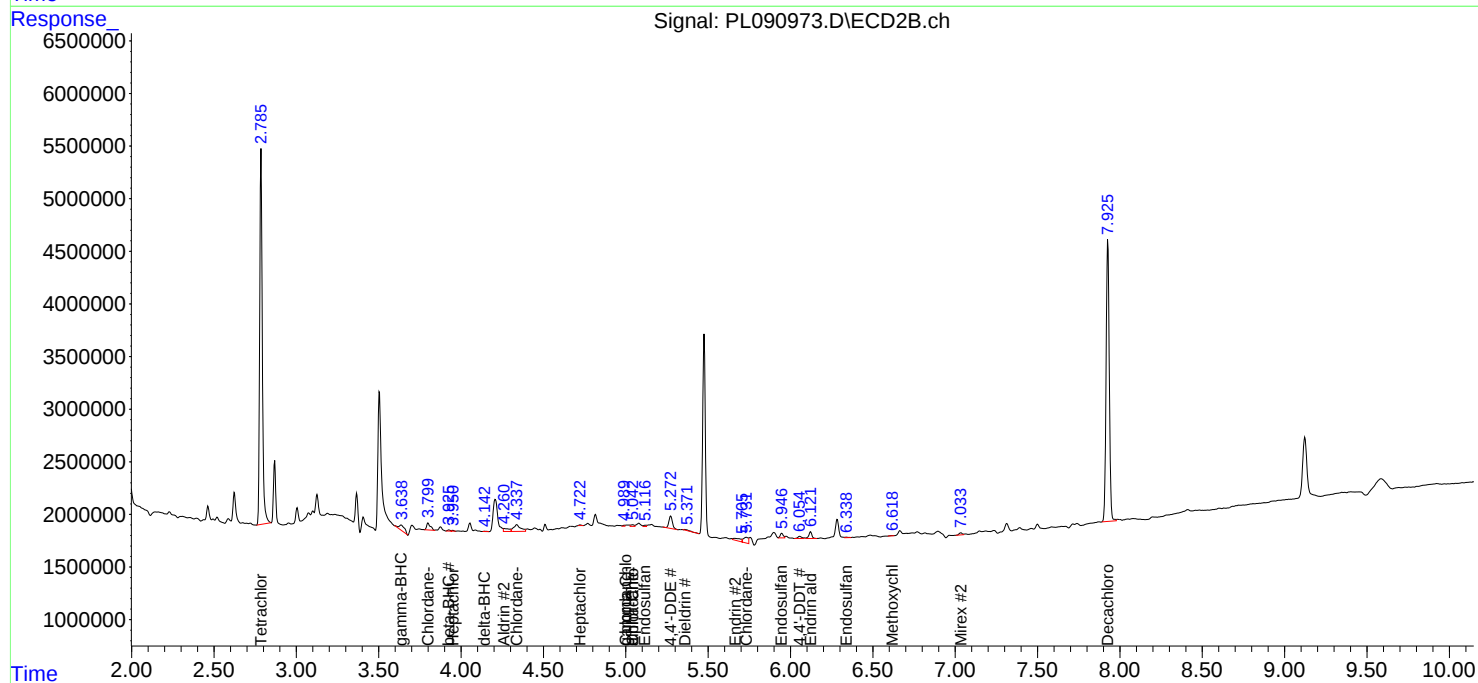
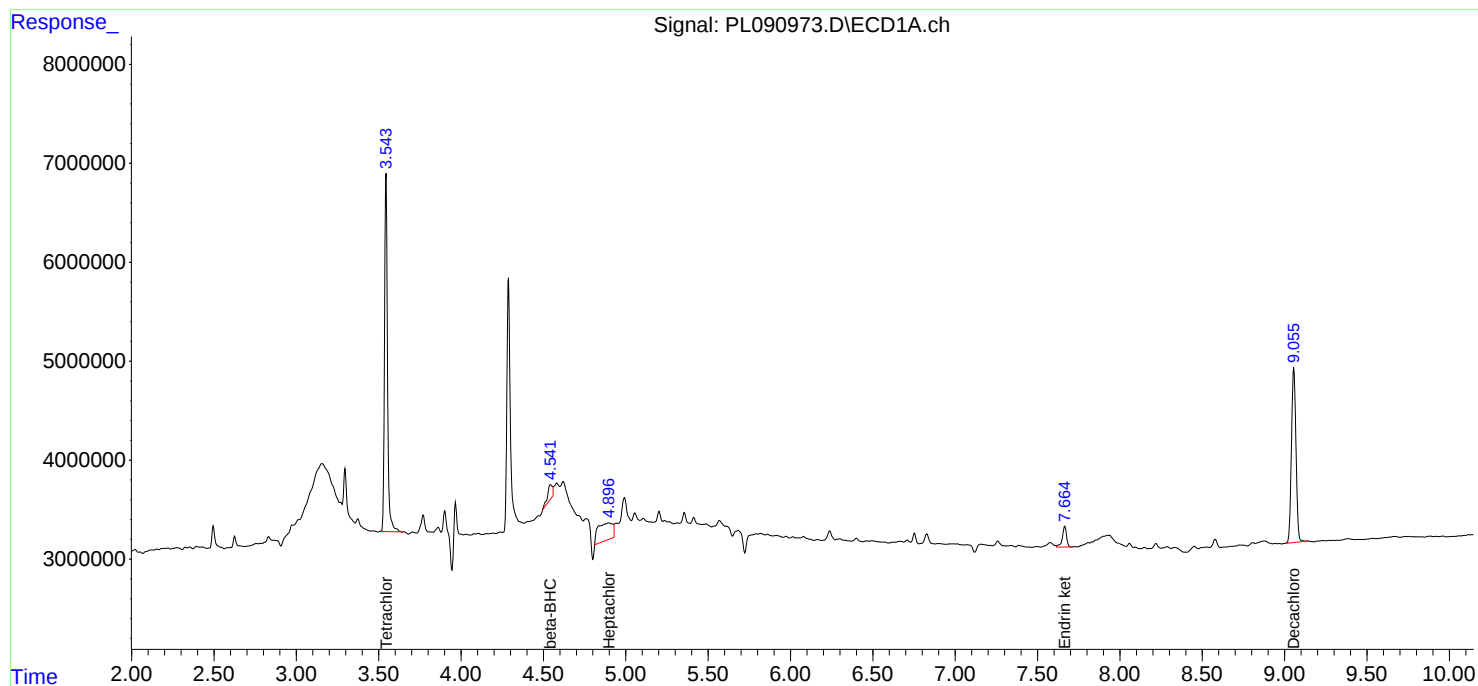
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

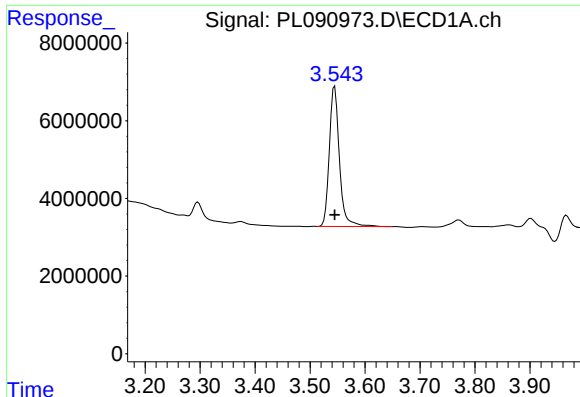
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081124\  
Data File : PL090973.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Aug 2024 12:10  
Operator : AR\AJ  
Sample : P3520-07  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 12 02:01:17 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 06 10:55:36 2024  
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

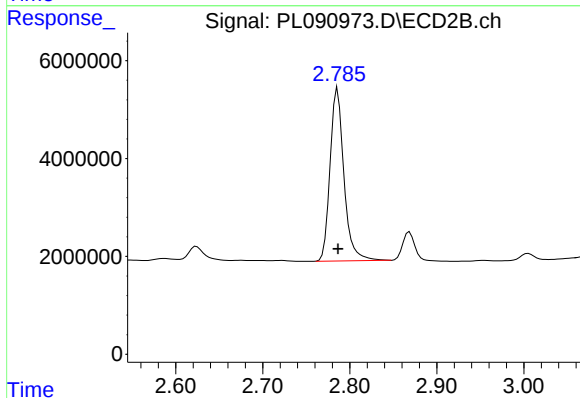




#1 Tetrachloro-m-xylene

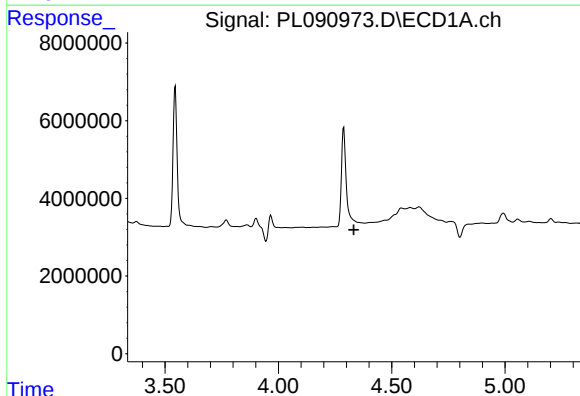
R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 45882351  
Conc: 23.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624



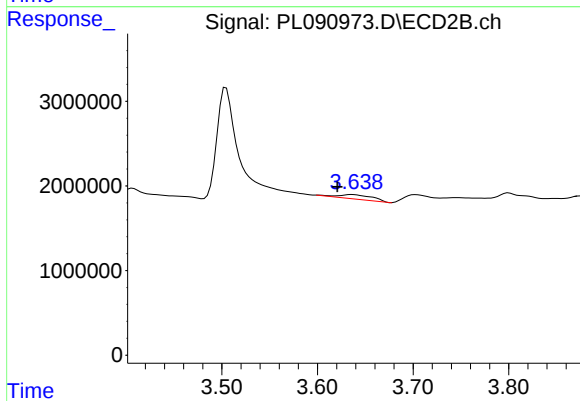
#1 Tetrachloro-m-xylene

R.T.: 2.786 min  
Delta R.T.: 0.000 min  
Response: 39093650  
Conc: 22.61 ng/ml



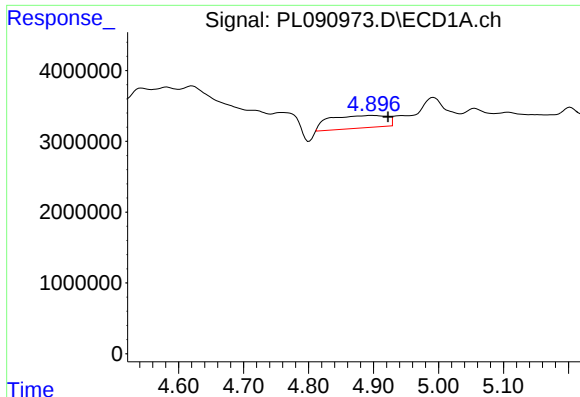
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.333 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

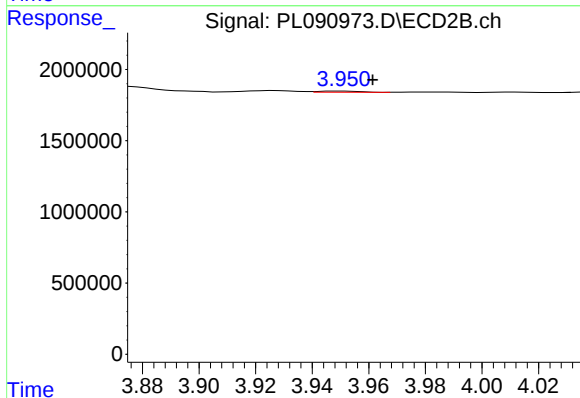
R.T.: 3.637 min  
Delta R.T.: 0.016 min  
Response: 1309557  
Conc: 0.56 ng/ml



#4 Heptachlor

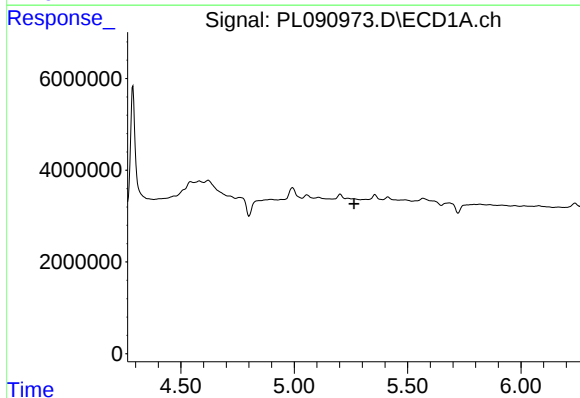
R.T.: 4.897 min  
Delta R.T.: -0.026 min  
Response: 10878312  
Conc: 4.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624



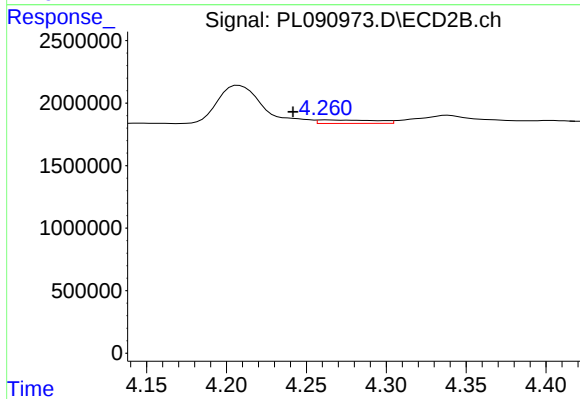
#4 Heptachlor

R.T.: 3.951 min  
Delta R.T.: -0.010 min  
Response: 74683  
Conc: 0.03 ng/ml



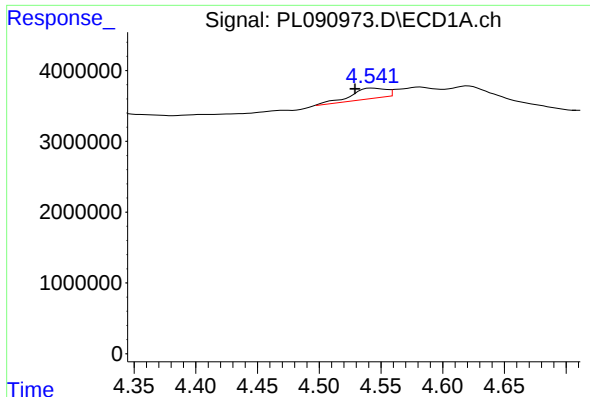
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.264 min  
Response: 0  
Conc: N.D.



#5 Aldrin

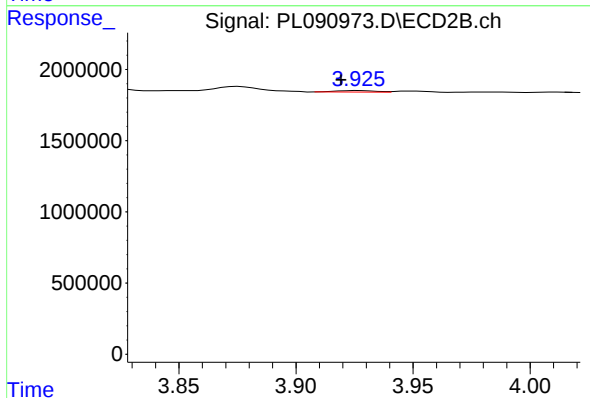
R.T.: 4.262 min  
Delta R.T.: 0.020 min  
Response: 711715  
Conc: 0.32 ng/ml



#6 beta-BHC

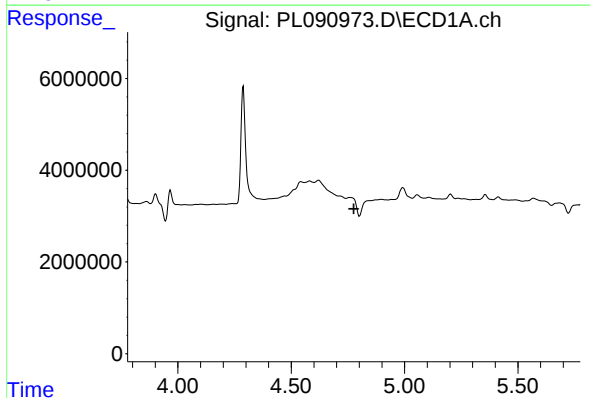
R.T.: 4.543 min  
Delta R.T.: 0.014 min  
Response: 2914922  
Conc: 2.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624



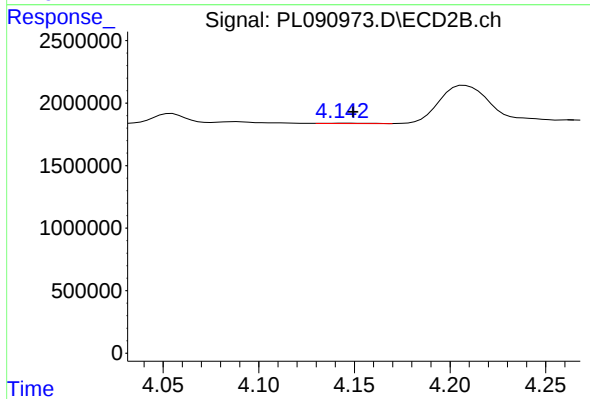
#6 beta-BHC

R.T.: 3.927 min  
Delta R.T.: 0.008 min  
Response: 120876  
Conc: 0.11 ng/ml



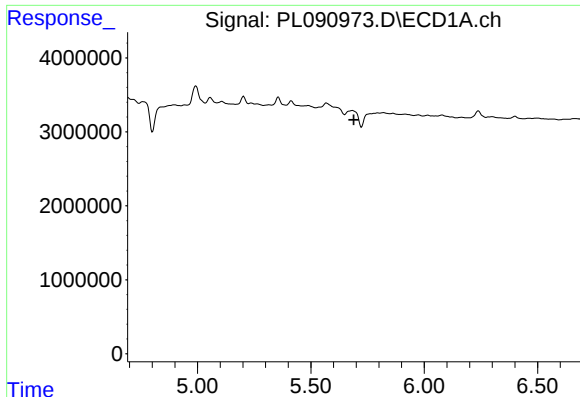
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.776 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

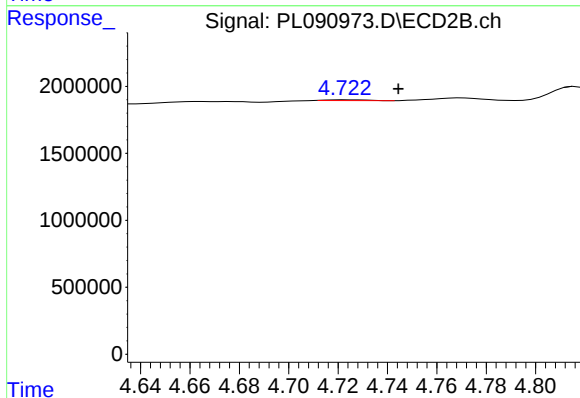
R.T.: 4.144 min  
Delta R.T.: -0.005 min  
Response: 42016  
Conc: 0.02 ng/ml



#8 Heptachlor epoxide

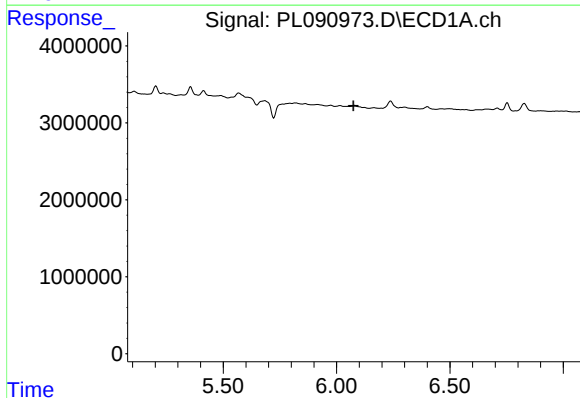
R.T.: 0.000 min  
Exp R.T.: 5.690 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624



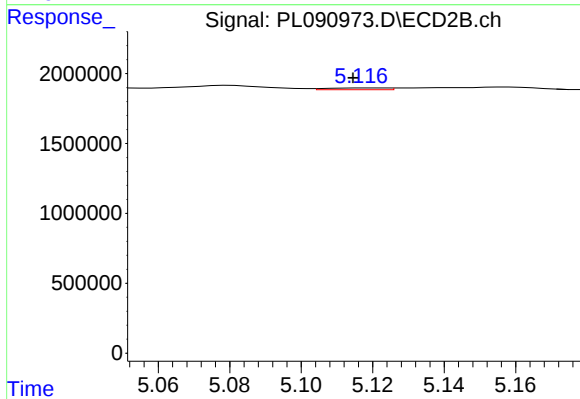
#8 Heptachlor epoxide

R.T.: 4.723 min  
Delta R.T.: -0.021 min  
Response: 61271  
Conc: 0.03 ng/ml



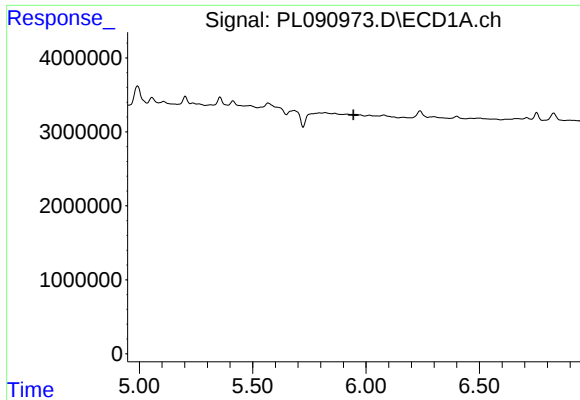
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 6.075 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

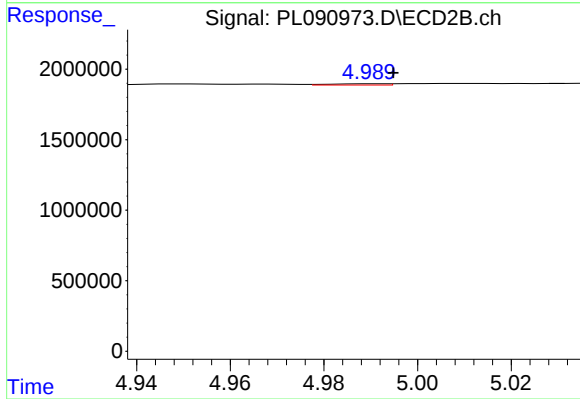
R.T.: 5.119 min  
Delta R.T.: 0.004 min  
Response: 141723  
Conc: 0.07 ng/ml



#10 gamma-Chlordane

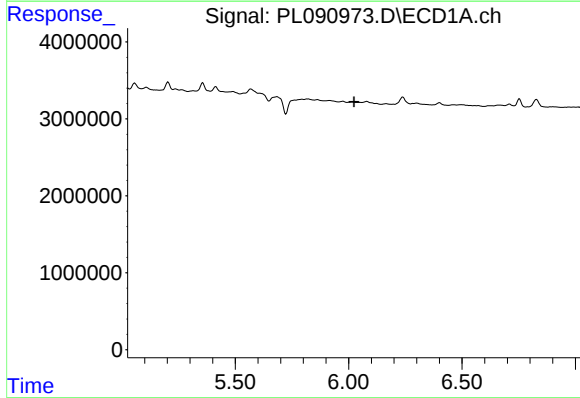
R.T.: 0.000 min  
Exp R.T.: 5.945 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624



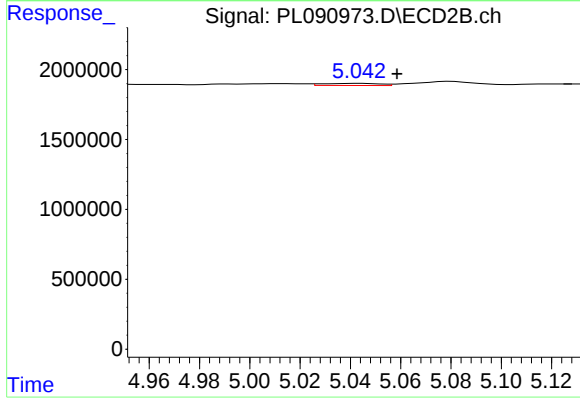
#10 gamma-Chlordane

R.T.: 4.991 min  
Delta R.T.: -0.004 min  
Response: 77120  
Conc: 0.04 ng/ml



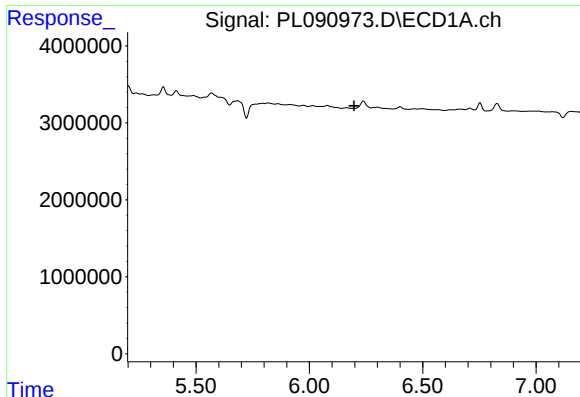
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 6.024 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

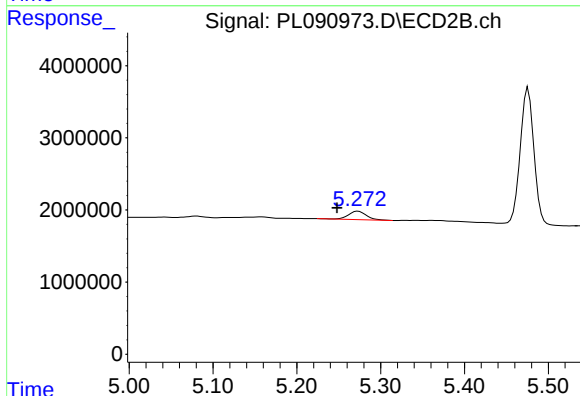
R.T.: 5.044 min  
Delta R.T.: -0.015 min  
Response: 241547  
Conc: 0.11 ng/ml



#12 4,4'-DDE

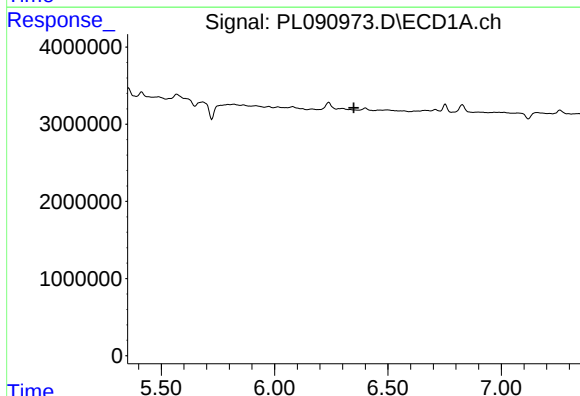
R.T.: 0.000 min  
Exp R.T.: 6.197 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624



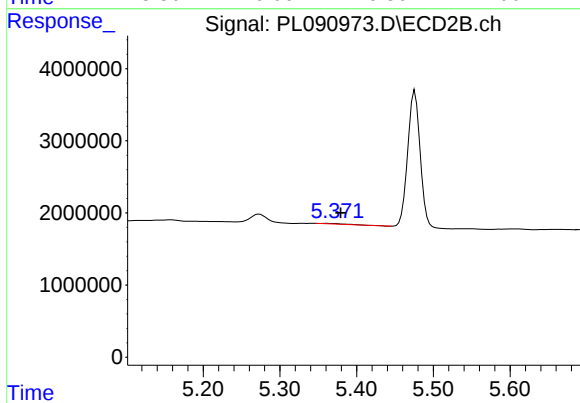
#12 4,4'-DDE

R.T.: 5.273 min  
Delta R.T.: 0.025 min  
Response: 1742264  
Conc: 0.93 ng/ml



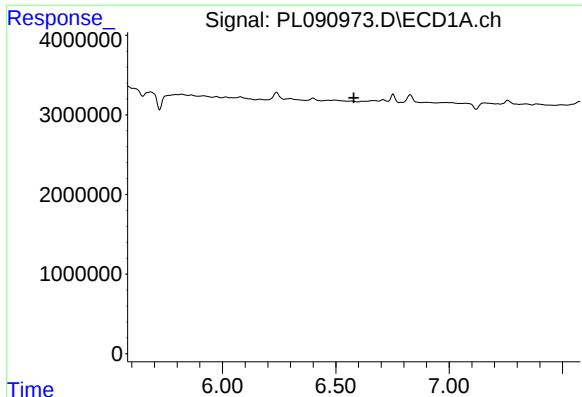
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 6.350 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

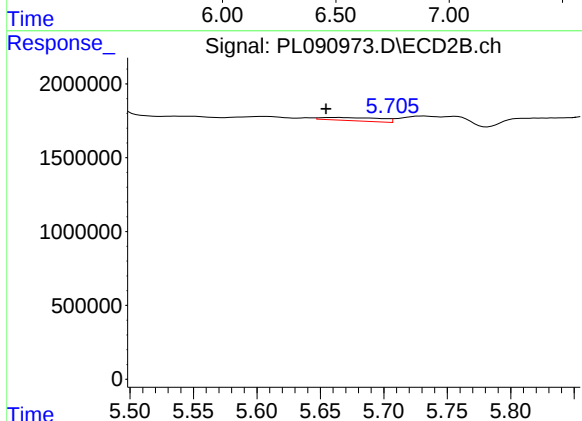
R.T.: 5.361 min  
Delta R.T.: -0.019 min  
Response: 173023  
Conc: 0.08 ng/ml



#14 Endrin

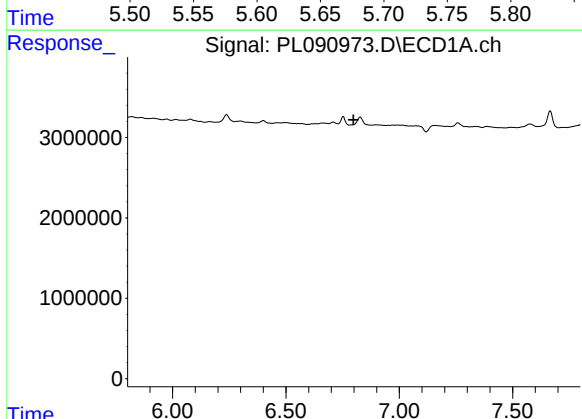
R.T.: 0.000 min  
Exp R.T.: 6.580 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624



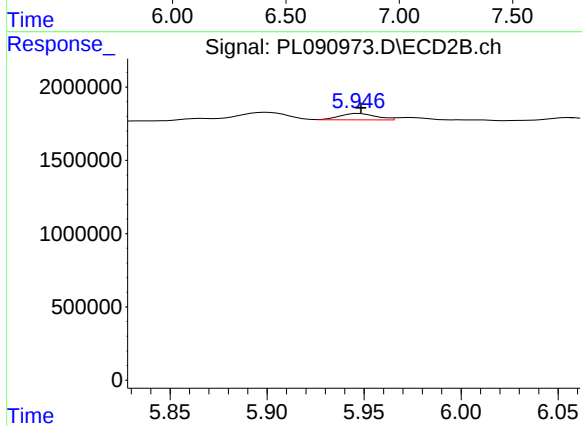
#14 Endrin

R.T.: 5.665 min  
Delta R.T.: 0.011 min  
Response: 701619  
Conc: 0.38 ng/ml



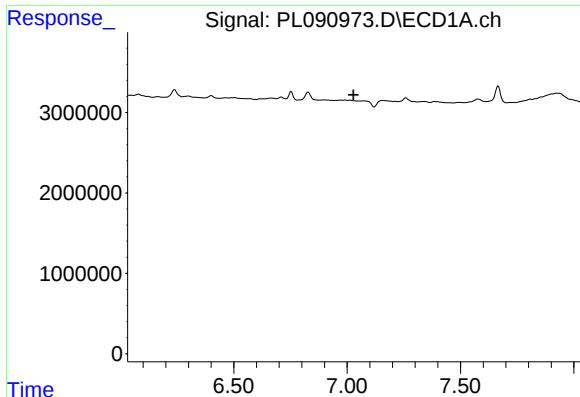
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.799 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

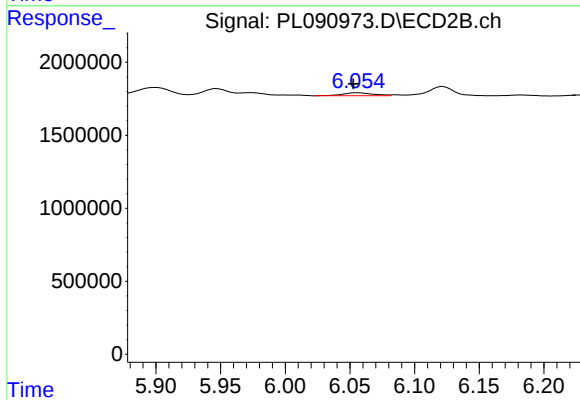
R.T.: 5.947 min  
Delta R.T.: -0.001 min  
Response: 554240  
Conc: 0.31 ng/ml



#17 4,4'-DDT

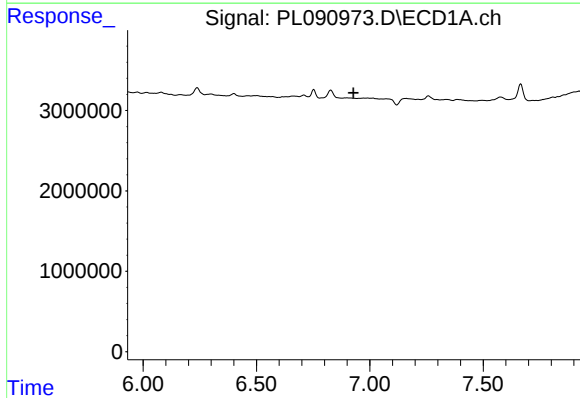
R.T.: 0.000 min  
Exp R.T.: 7.028 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624



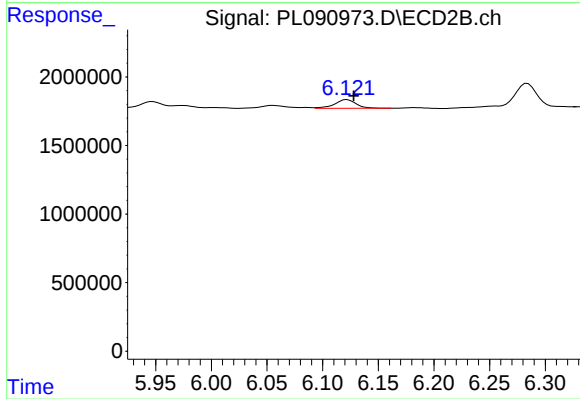
#17 4,4'-DDT

R.T.: 6.056 min  
Delta R.T.: 0.003 min  
Response: 338030  
Conc: 0.20 ng/ml



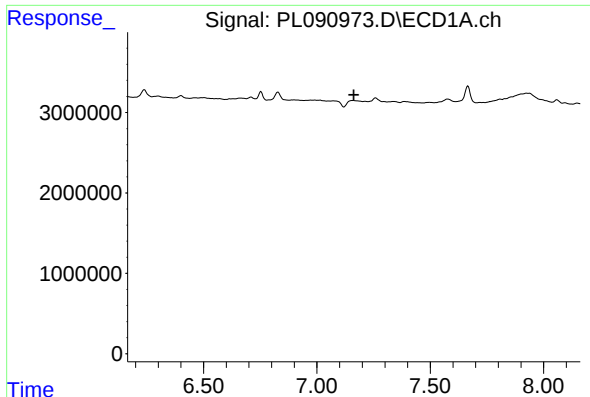
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.929 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

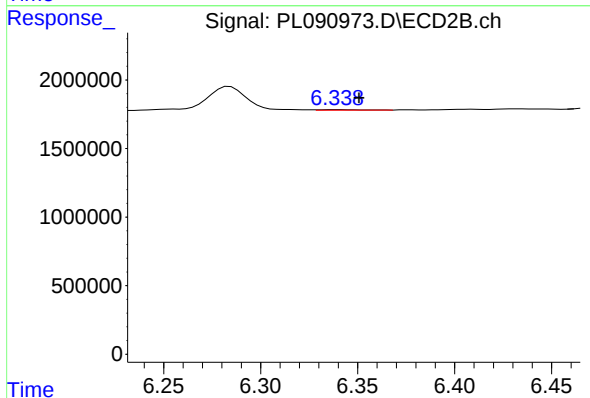
R.T.: 6.122 min  
Delta R.T.: -0.006 min  
Response: 843645  
Conc: 0.60 ng/ml



#19 Endosulfan Sulfate

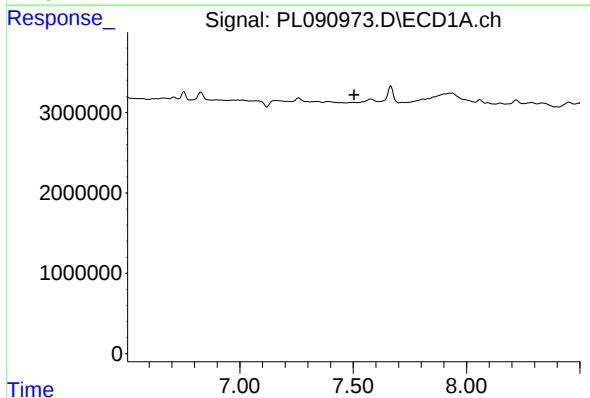
R.T.: 0.000 min  
Exp R.T.: 7.163 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624



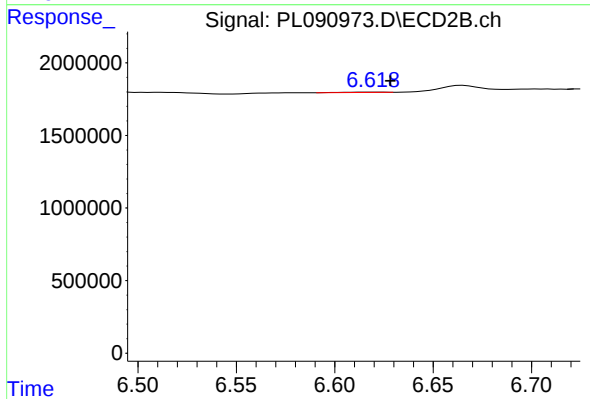
#19 Endosulfan Sulfate

R.T.: 6.340 min  
Delta R.T.: -0.011 min  
Response: 59525  
Conc: 0.03 ng/ml



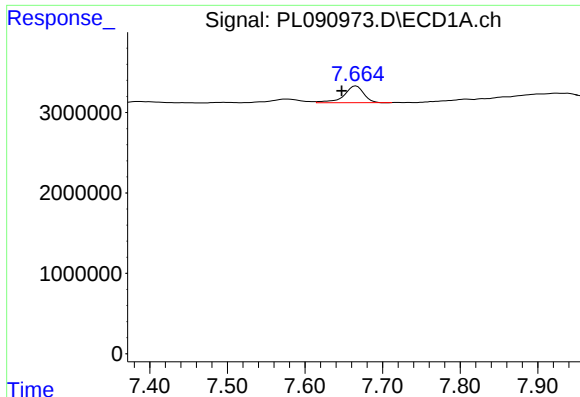
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.504 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

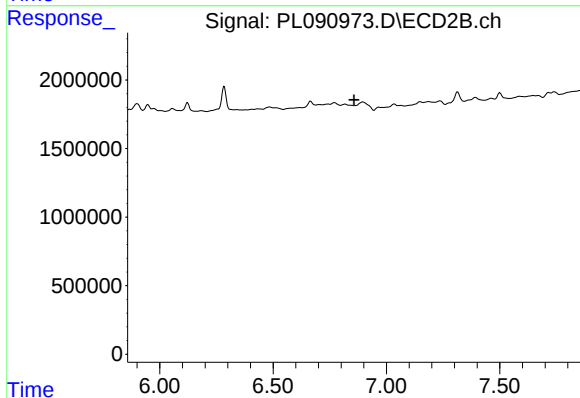
R.T.: 6.621 min  
Delta R.T.: -0.007 min  
Response: 29456  
Conc: 0.03 ng/ml



#21 Endrin ketone

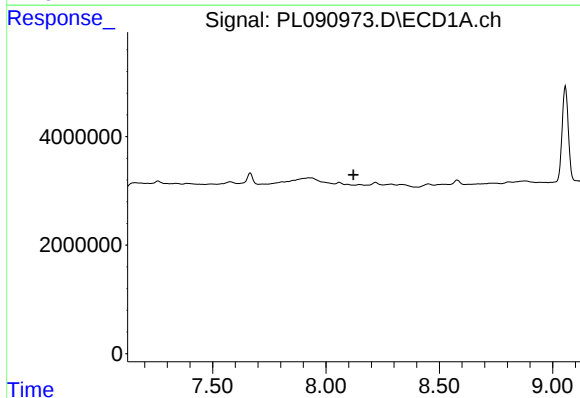
R.T.: 7.666 min  
Delta R.T.: 0.018 min  
Response: 3669329  
Conc: 1.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624



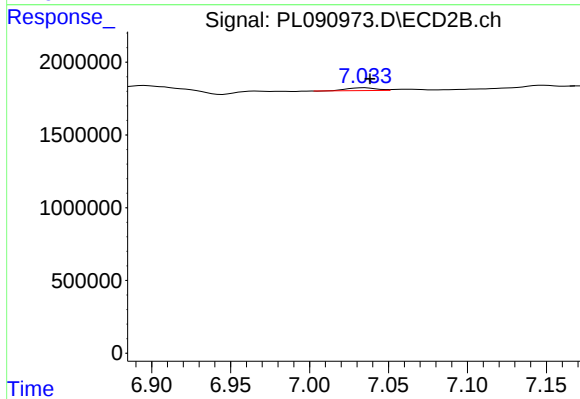
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.857 min  
Response: 0  
Conc: N.D.



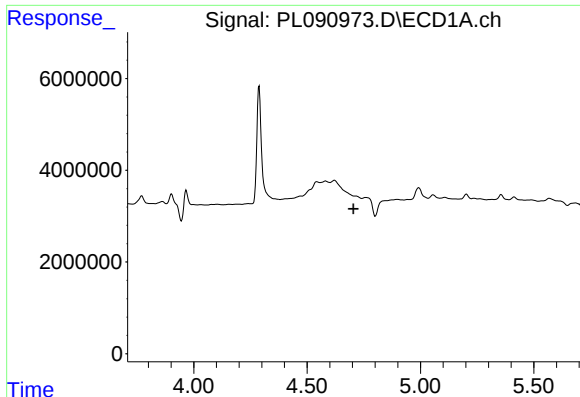
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.121 min  
Response: 0  
Conc: N.D.



#22 Mirex

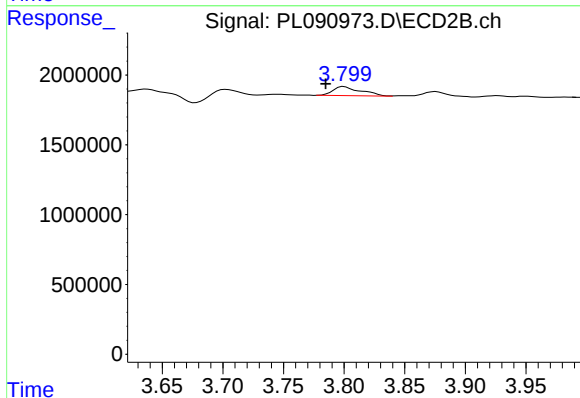
R.T.: 7.035 min  
Delta R.T.: -0.004 min  
Response: 250334  
Conc: 0.15 ng/ml



#23 Chlordane-1

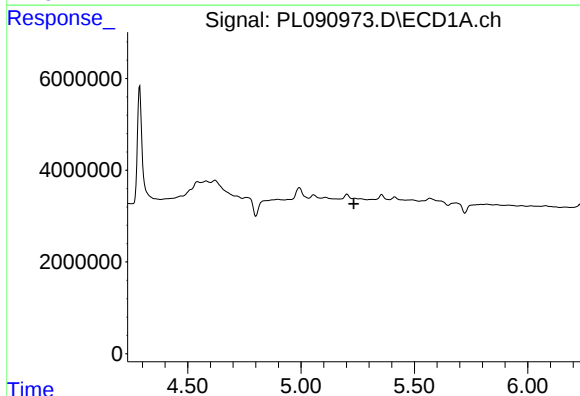
R.T.: 0.000 min  
Exp R.T.: 4.705 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624



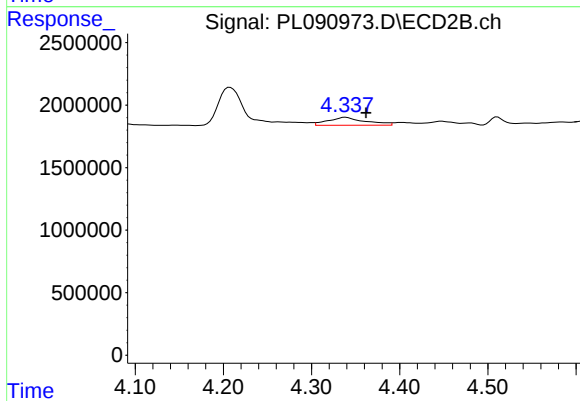
#23 Chlordane-1

R.T.: 3.800 min  
Delta R.T.: 0.015 min  
Response: 1033808  
Conc: 15.33 ng/ml



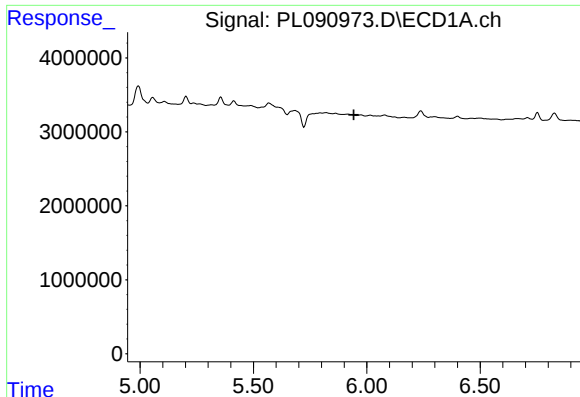
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.233 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

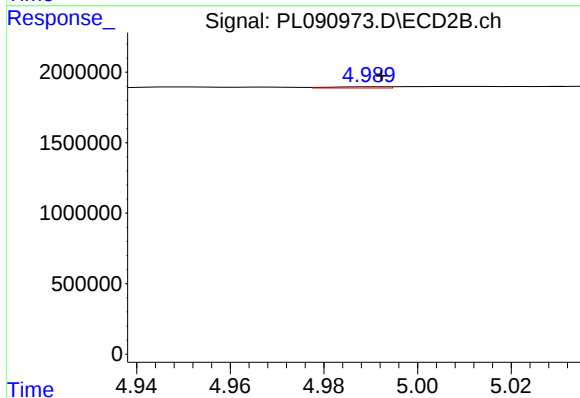
R.T.: 4.339 min  
Delta R.T.: -0.023 min  
Response: 1886368  
Conc: 22.68 ng/ml



#25 Chlordane-3

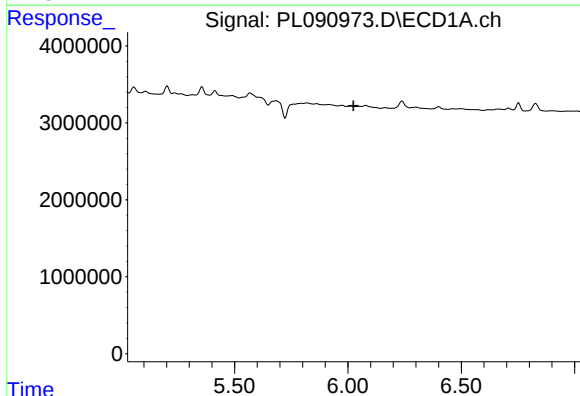
R.T.: 0.000 min  
Exp R.T.: 5.943 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624



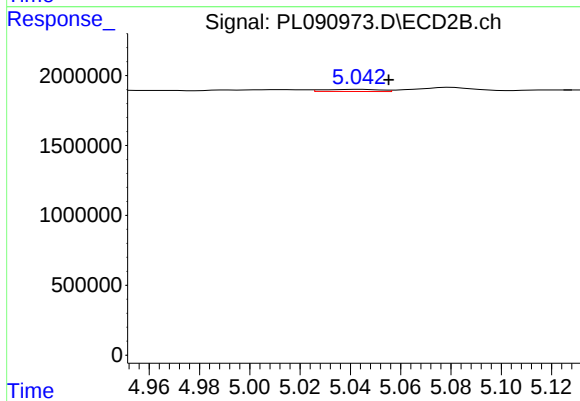
#25 Chlordane-3

R.T.: 4.991 min  
Delta R.T.: -0.001 min  
Response: 77120  
Conc: 0.34 ng/ml



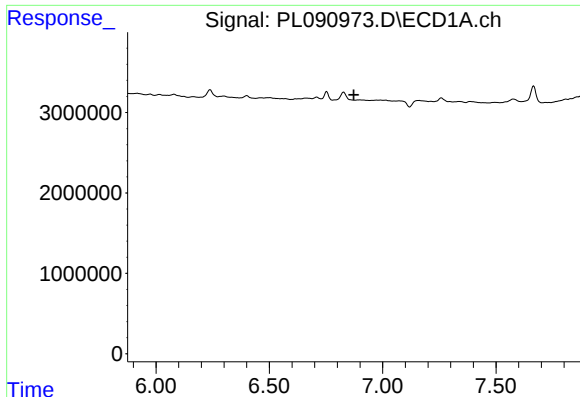
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 6.025 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

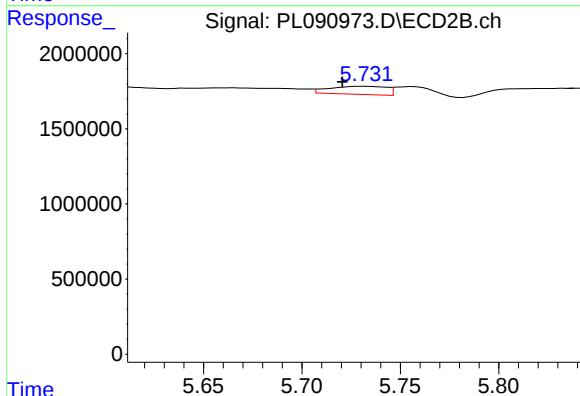
R.T.: 5.044 min  
Delta R.T.: -0.012 min  
Response: 241547  
Conc: 1.13 ng/ml



#27 Chlordane-5

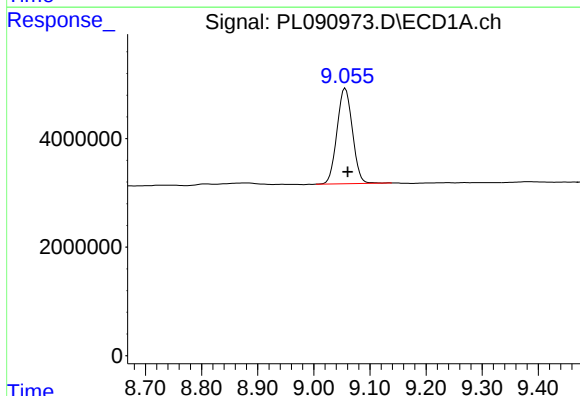
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-11-080624



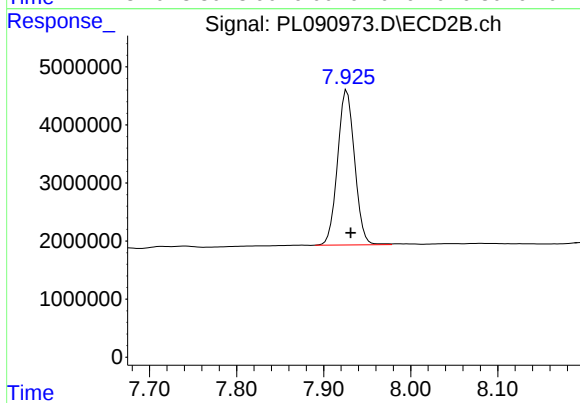
#27 Chlordane-5

R.T.: 5.732 min  
Delta R.T.: 0.011 min  
Response: 1070228  
Conc: 16.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: -0.004 min  
Response: 33593746  
Conc: 23.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.927 min  
Delta R.T.: -0.004 min  
Response: 36274979  
Conc: 21.73 ng/ml