

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111519\  
 Data File : PL054333.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Nov 2019 02:02  
 Operator : SG\AJ  
 Sample : K5865-01  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 4-(2-4)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 16 02:45:49 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 2019  
 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... | 3.539  | 4.043 | 134.5E6  | 31878184 | 12.406  | 12.739   |
| 28)                         | SA Decachlor... | 8.322  | 9.121 | 115.3E6  | 34536679 | 11.751  | 12.264   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.965f | 0.000 | 45792941 | 0        | 2.626   | N.D. #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.737 | 0        | 1406907  | N.D.    | 0.437 #  |
| 4)                          | MA Heptachlor   | 4.576  | 5.229 | 39208051 | 4572816  | 2.484   | 1.419 #  |
| 5)                          | MB Aldrin       | 4.826  | 5.533 | 42546402 | 13690371 | 2.976   | 4.592 #  |
| 6)                          | B beta-BHC      | 4.546f | 4.903 | 8890776  | 1254760  | 1.349   | 0.812 #  |
| 7)                          | B delta-BHC     | 4.737  | 0.000 | 6286248  | 0        | 0.413   | N.D. #   |
| 8)                          | B Heptachlor... | 0.000  | 5.911 | 0        | 3306815  | N.D.    | 1.134 #  |
| 10)                         | B gamma-Chl...  | 5.522  | 6.159 | 50280300 | 2693729  | 3.685   | 0.923 #  |
| 11)                         | B alpha-Chl...  | 5.558  | 6.228 | 25769123 | 11612631 | 1.937   | 3.978 #  |
| 12)                         | B 4,4'-DDE      | 5.721  | 6.383 | 14401485 | 6200691  | 1.212   | 2.202 #  |
| 13)                         | MA Dieldrin     | 5.848f | 0.000 | 20649766 | 0        | 1.584   | N.D. #   |
| 14)                         | MA Endrin       | 6.111f | 6.744 | 13485105 | 4237259  | 1.163   | 1.746 #  |
| 15)                         | B Endosulfa...  | 6.398  | 0.000 | 11616349 | 0        | 1.039   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.880 | 0        | 6828029  | N.D.    | 3.276 #  |
| 17)                         | MA 4,4'-DDT     | 6.478  | 7.172 | 32597820 | 2496734  | 3.291   | 1.080 #  |
| 18)                         | B Endrin al...  | 6.572  | 0.000 | 5072500  | 0        | 0.553   | N.D. #   |
| 19)                         | B Endosulfa...  | 6.796  | 0.000 | 3974320  | 0        | 0.391   | N.D. #   |
| 20)                         | A Methoxychlor  | 7.012f | 0.000 | 22038336 | 0        | 4.470   | N.D. #   |
| 21)                         | B Endrin ke...  | 7.288  | 0.000 | 5527672  | 0        | 0.513   | N.D. #   |
| 23)                         | Chlordane-1     | 4.421  | 5.039 | 25438758 | 3841989  | 71.725  | 45.811 # |
| 24)                         | Chlordane-2     | 4.928  | 5.509 | 39011144 | 4032617  | 101.245 | 41.056 # |
| 25)                         | Chlordane-3     | 5.522  | 6.159 | 50280300 | 2693729  | 43.620  | 7.375 #  |
| 26)                         | Chlordane-4     | 5.558  | 6.228 | 25769123 | 11612631 | 27.488  | 25.867   |
| 27)                         | Chlordane-5     | 6.398  | 7.033 | 11616349 | 4411419  | 31.778  | 57.705 # |
| -----                       |                 |        |       |          |          |         |          |

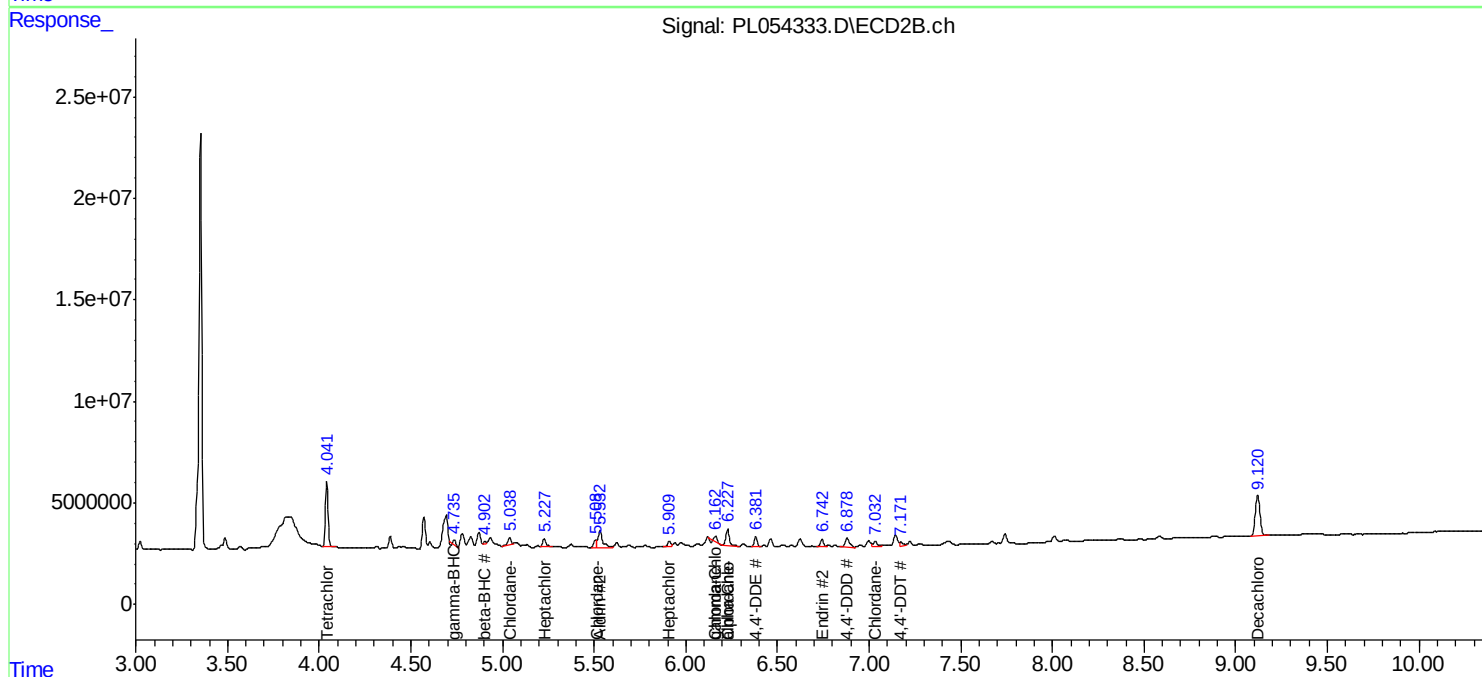
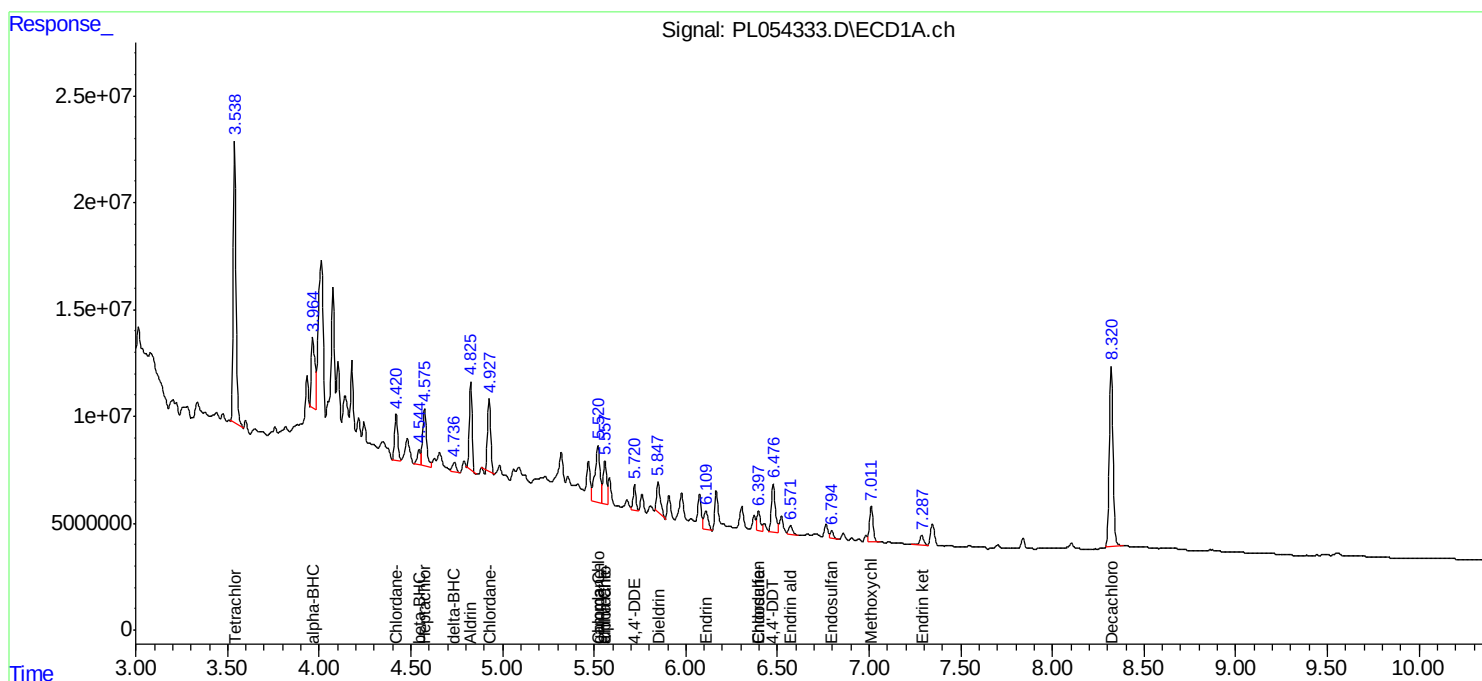
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

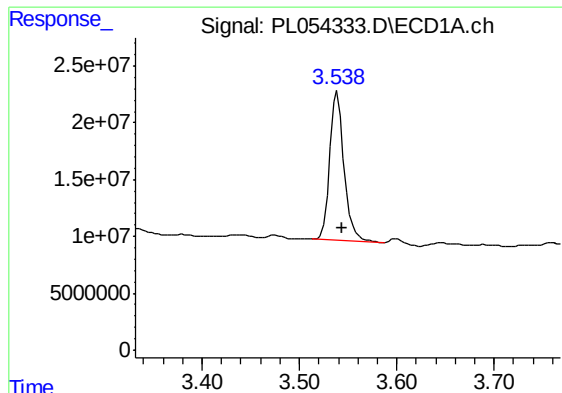
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111519\  
Data File : PL054333.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Nov 2019 02:02  
Operator : SG\AJ  
Sample : K5865-01  
Misc :  
ALS Vial : 66 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
4-(2-4)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 16 02:45:49 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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

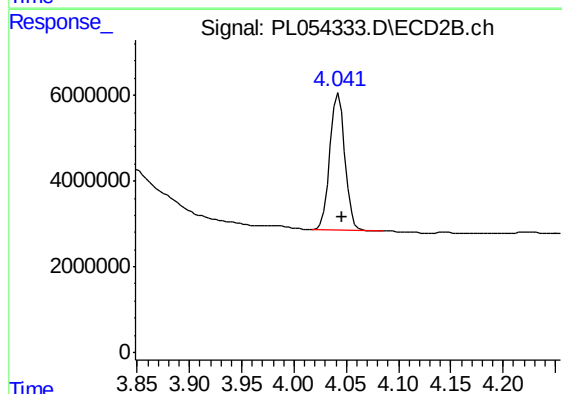




#1 Tetrachloro-m-xylene

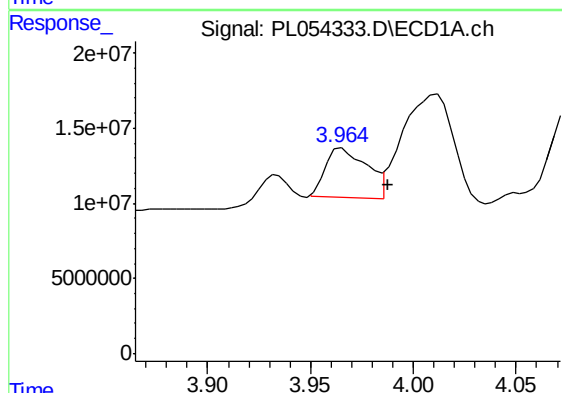
R.T.: 3.539 min  
Delta R.T.: -0.005 min  
Response: 134469472  
Conc: 12.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
4-(2-4)



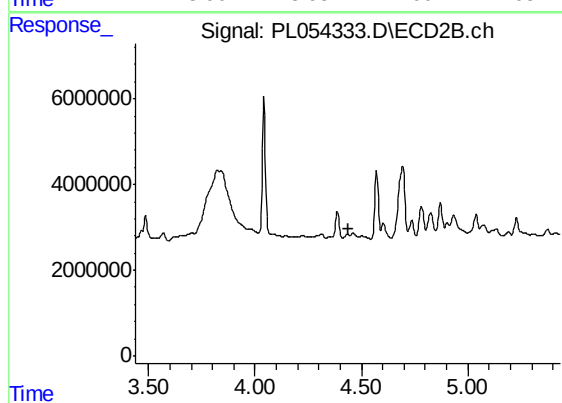
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: -0.003 min  
Response: 31878184  
Conc: 12.74 ng/ml



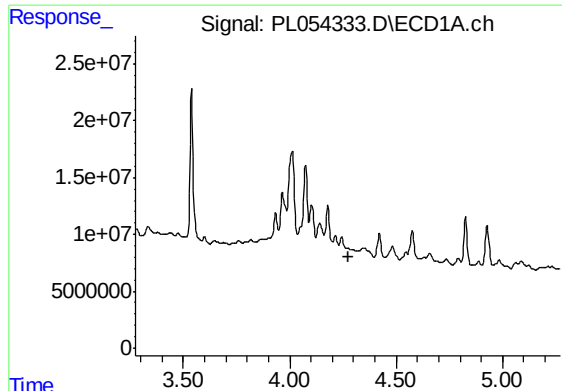
#2 alpha-BHC

R.T.: 3.965 min  
Delta R.T.: -0.023 min  
Response: 45792941  
Conc: 2.63 ng/ml



#2 alpha-BHC

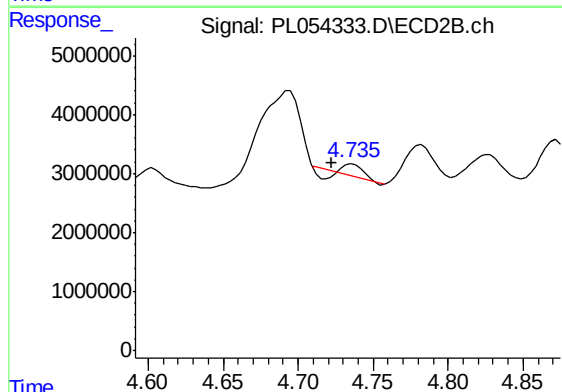
R.T.: 0.000 min  
Exp R.T. : 4.437 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

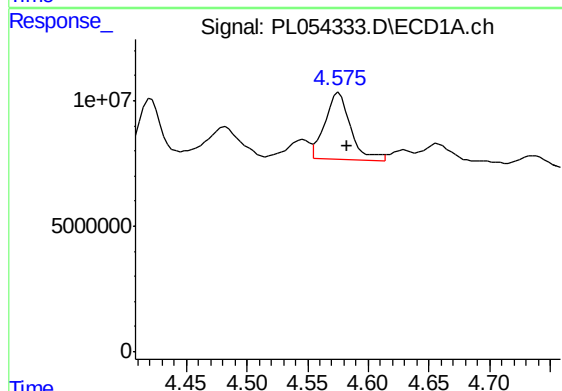
R.T.: 0.000 min  
Exp R.T.: 4.275 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
4-(2-4)



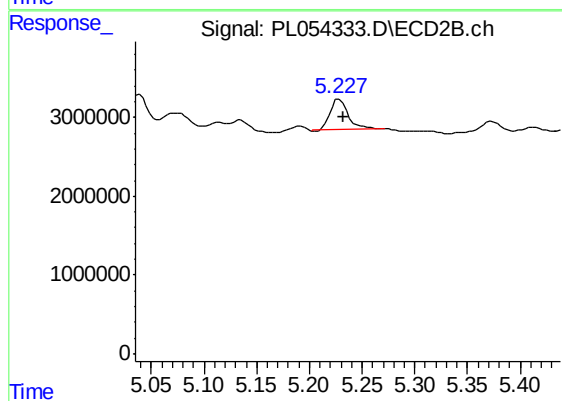
#3 gamma-BHC (Lindane)

R.T.: 4.737 min  
Delta R.T.: 0.014 min  
Response: 1406907  
Conc: 0.44 ng/ml



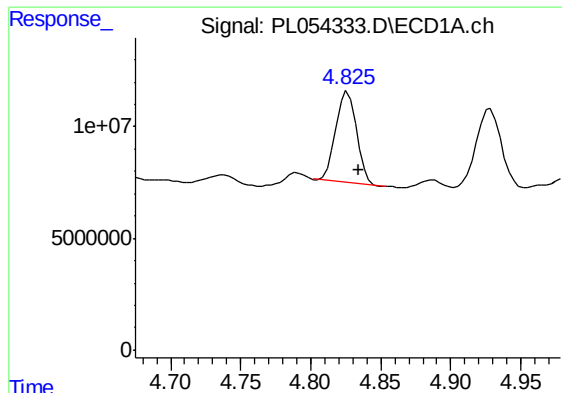
#4 Heptachlor

R.T.: 4.576 min  
Delta R.T.: -0.006 min  
Response: 39208051  
Conc: 2.48 ng/ml



#4 Heptachlor

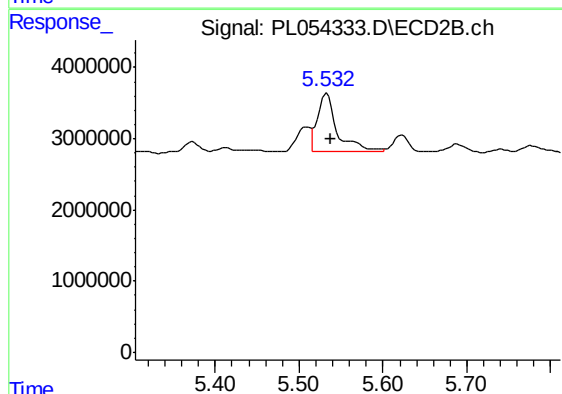
R.T.: 5.229 min  
Delta R.T.: -0.004 min  
Response: 4572816  
Conc: 1.42 ng/ml



#5 Aldrin

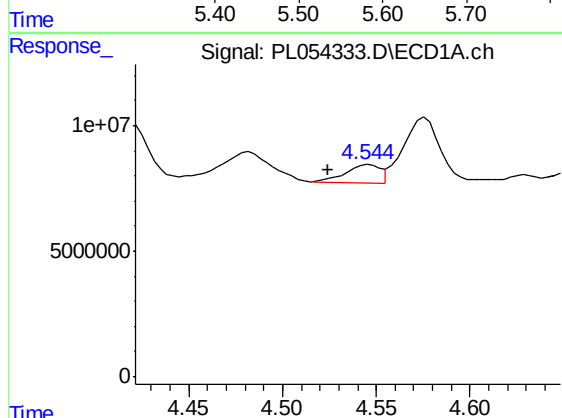
R.T.: 4.826 min  
Delta R.T.: -0.008 min  
Response: 42546402  
Conc: 2.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
4-(2-4)



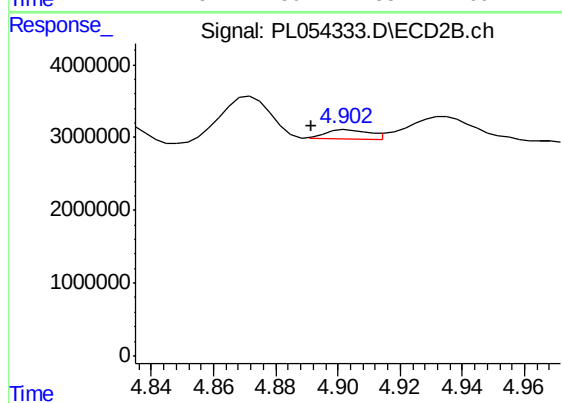
#5 Aldrin

R.T.: 5.533 min  
Delta R.T.: -0.004 min  
Response: 13690371  
Conc: 4.59 ng/ml



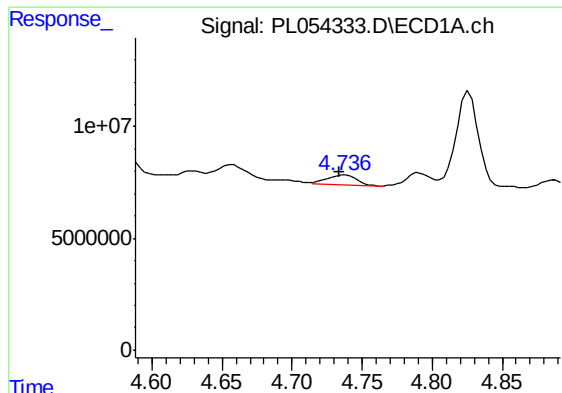
#6 beta-BHC

R.T.: 4.546 min  
Delta R.T.: 0.021 min  
Response: 8890776  
Conc: 1.35 ng/ml



#6 beta-BHC

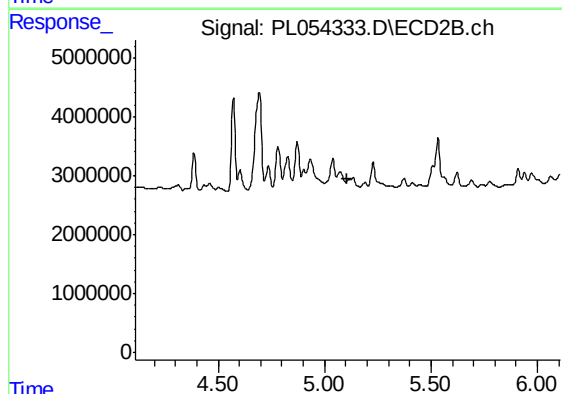
R.T.: 4.903 min  
Delta R.T.: 0.012 min  
Response: 1254760  
Conc: 0.81 ng/ml



#7 delta-BHC

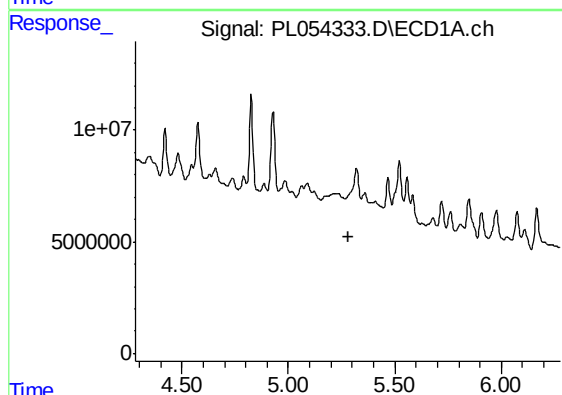
R.T.: 4.737 min  
Delta R.T.: 0.004 min  
Response: 6286248  
Conc: 0.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
4-(2-4)



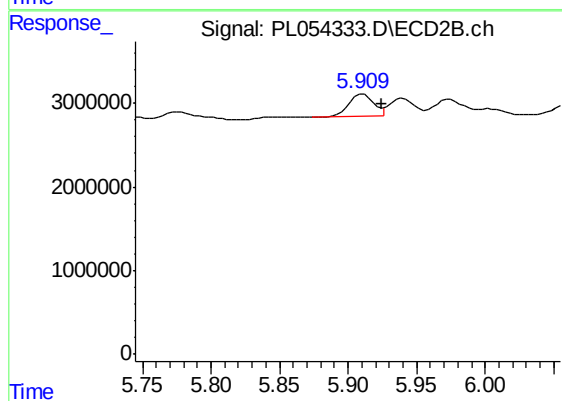
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.109 min  
Response: 0  
Conc: N.D.



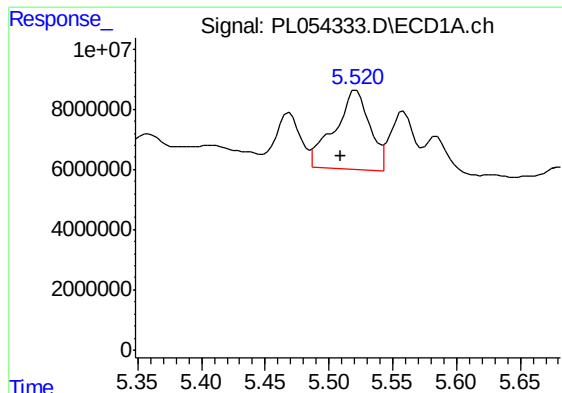
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.280 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

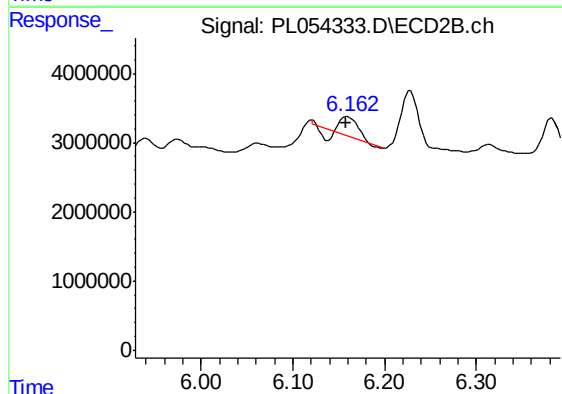
R.T.: 5.911 min  
Delta R.T.: -0.014 min  
Response: 3306815  
Conc: 1.13 ng/ml



#10 gamma-Chlordane

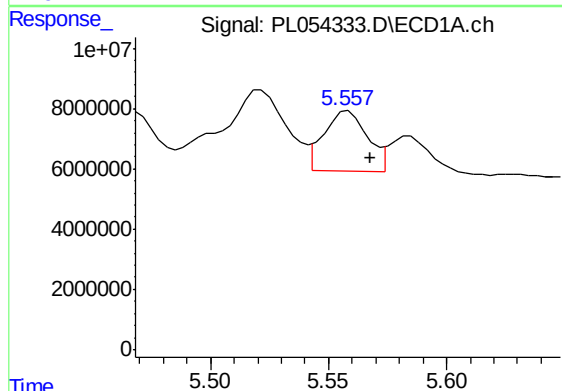
R.T.: 5.522 min  
Delta R.T.: 0.013 min  
Response: 50280300  
Conc: 3.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
4-(2-4)



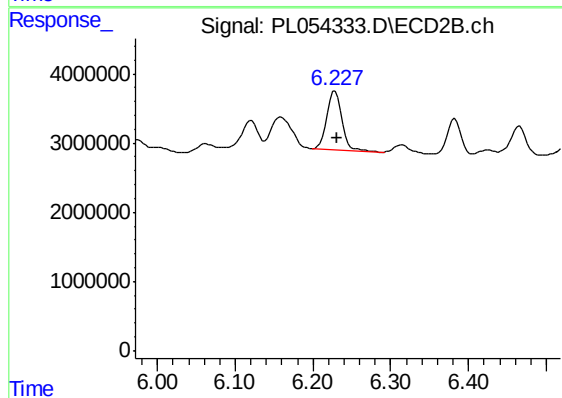
#10 gamma-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.001 min  
Response: 2693729  
Conc: 0.92 ng/ml



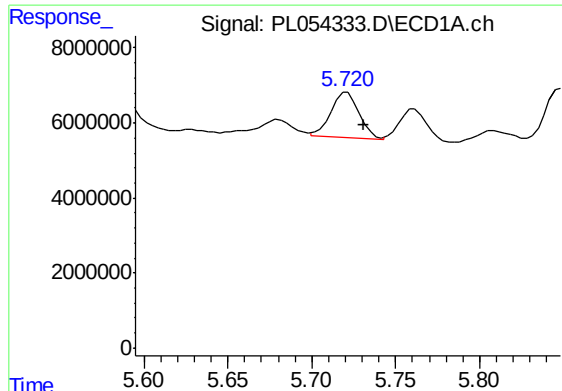
#11 alpha-Chlordane

R.T.: 5.558 min  
Delta R.T.: -0.009 min  
Response: 25769123  
Conc: 1.94 ng/ml



#11 alpha-Chlordane

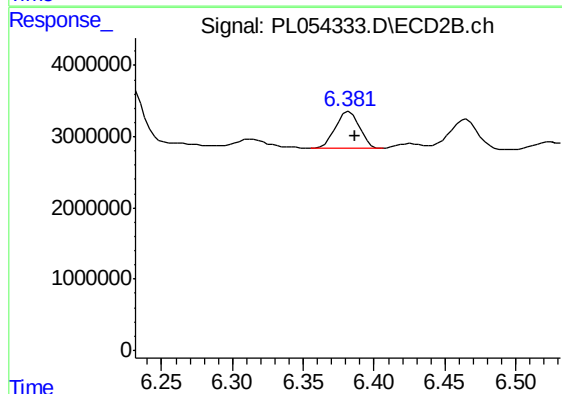
R.T.: 6.228 min  
Delta R.T.: -0.002 min  
Response: 11612631  
Conc: 3.98 ng/ml



#12 4,4'-DDE

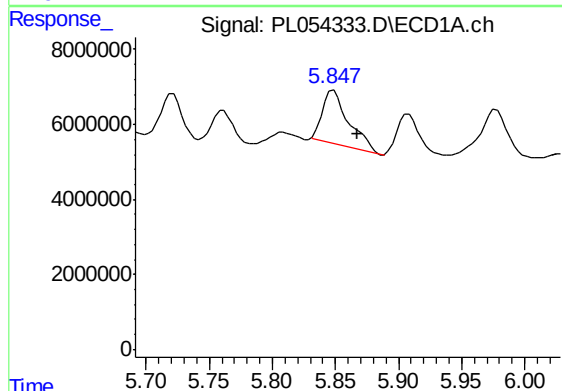
R.T.: 5.721 min  
Delta R.T.: -0.010 min  
Response: 14401485  
Conc: 1.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
4-(2-4)



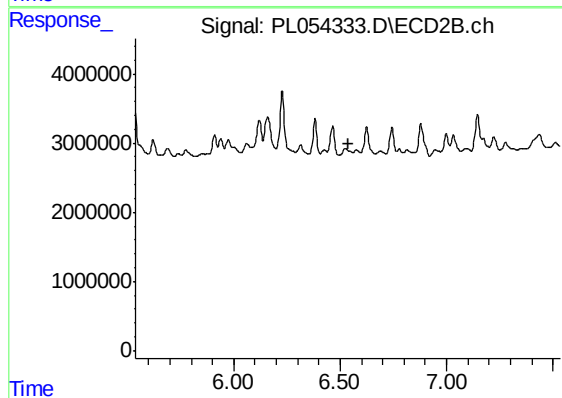
#12 4,4'-DDE

R.T.: 6.383 min  
Delta R.T.: -0.004 min  
Response: 6200691  
Conc: 2.20 ng/ml



#13 Dieldrin

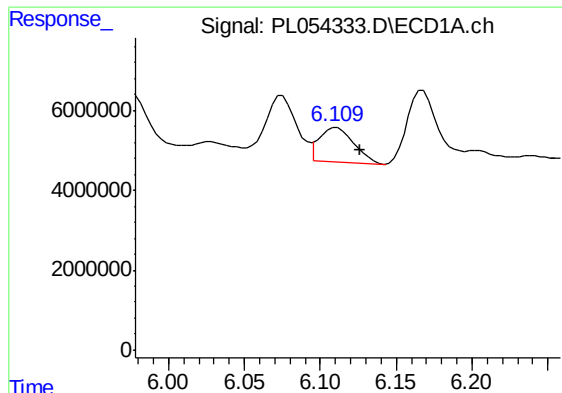
R.T.: 5.848 min  
Delta R.T.: -0.019 min  
Response: 20649766  
Conc: 1.58 ng/ml



#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.538 min  
Response: 0  
Conc: N.D.

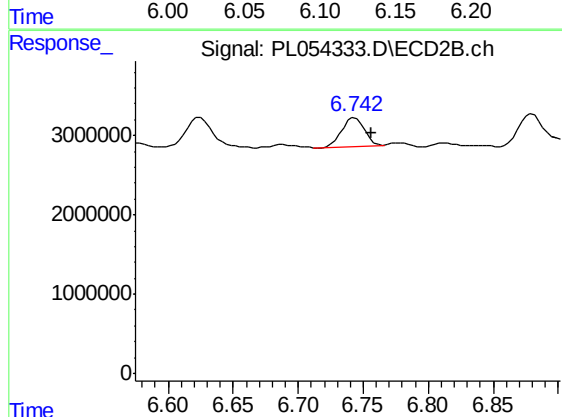




#14 Endrin

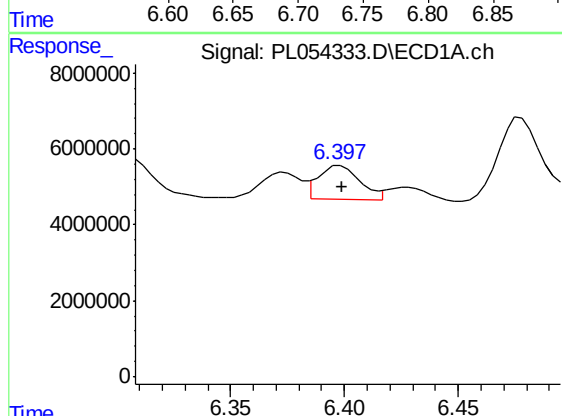
R.T.: 6.111 min  
Delta R.T.: -0.015 min  
Response: 13485105  
Conc: 1.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
4-(2-4)



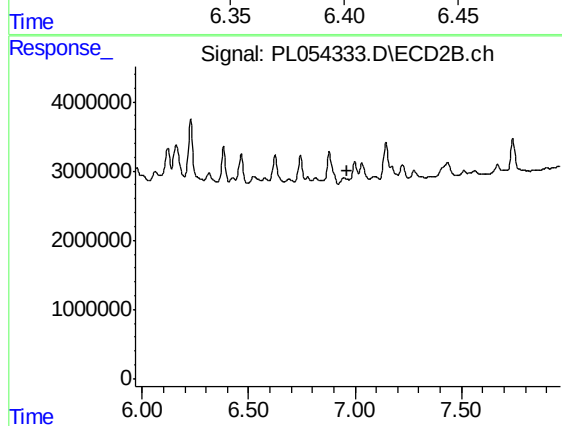
#14 Endrin

R.T.: 6.744 min  
Delta R.T.: -0.013 min  
Response: 4237259  
Conc: 1.75 ng/ml



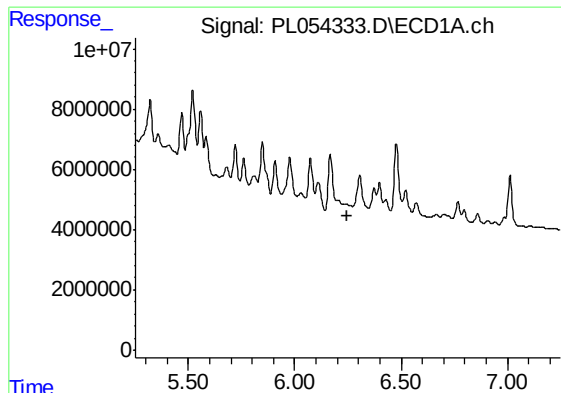
#15 Endosulfan II

R.T.: 6.398 min  
Delta R.T.: 0.000 min  
Response: 11616349  
Conc: 1.04 ng/ml



#15 Endosulfan II

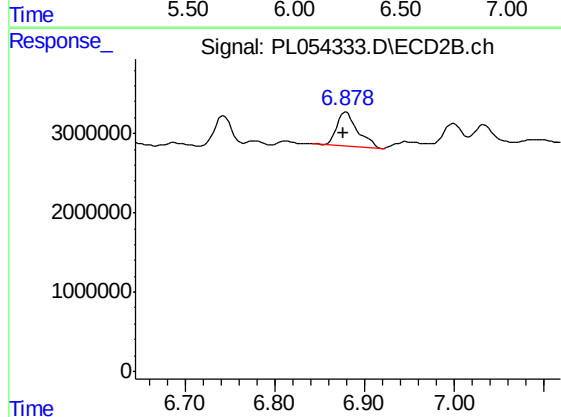
R.T.: 0.000 min  
Exp R.T. : 6.965 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

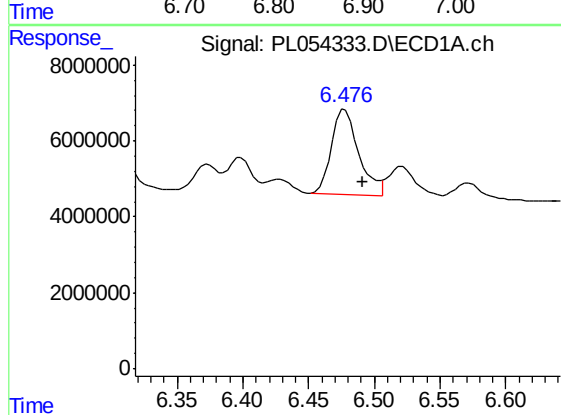
R.T.: 0.000 min  
Exp R.T.: 6.248 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
4-(2-4)



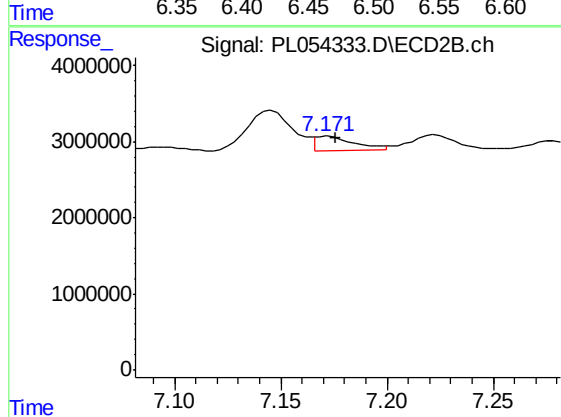
#16 4,4'-DDD

R.T.: 6.880 min  
Delta R.T.: 0.003 min  
Response: 6828029  
Conc: 3.28 ng/ml



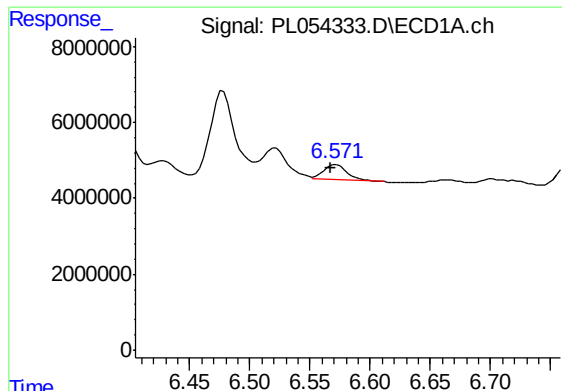
#17 4,4'-DDT

R.T.: 6.478 min  
Delta R.T.: -0.013 min  
Response: 32597820  
Conc: 3.29 ng/ml



#17 4,4'-DDT

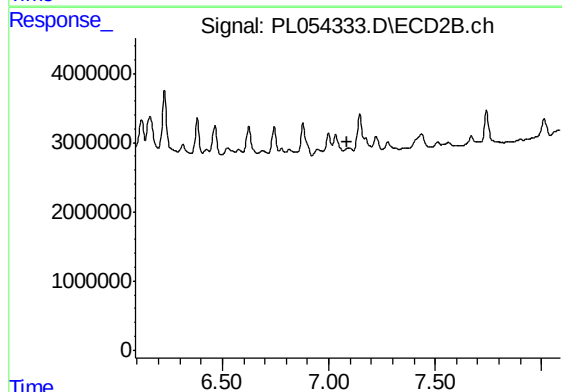
R.T.: 7.172 min  
Delta R.T.: -0.003 min  
Response: 2496734  
Conc: 1.08 ng/ml



#18 Endrin aldehyde

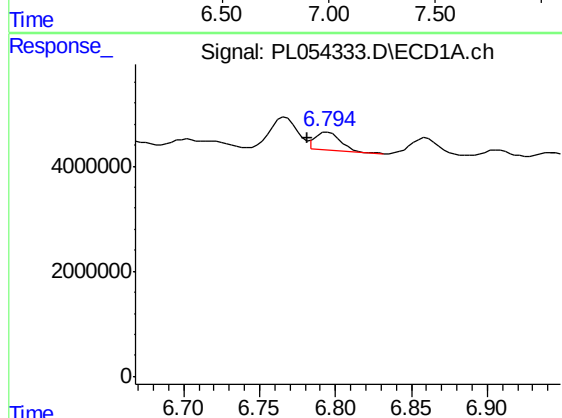
R.T.: 6.572 min  
Delta R.T.: 0.005 min  
Response: 5072500  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
4-(2-4)



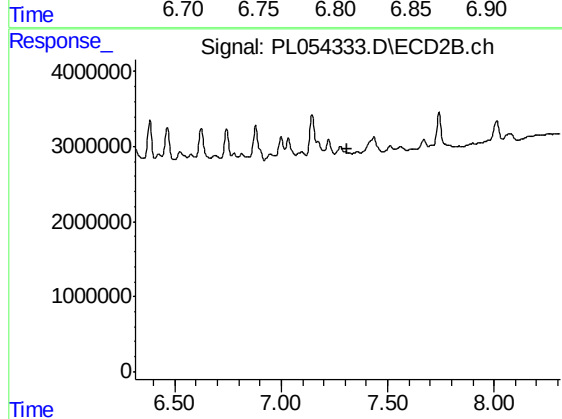
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.089 min  
Response: 0  
Conc: N.D.



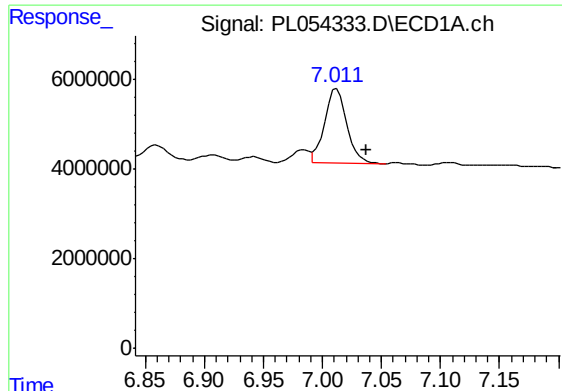
#19 Endosulfan Sulfate

R.T.: 6.796 min  
Delta R.T.: 0.014 min  
Response: 3974320  
Conc: 0.39 ng/ml



#19 Endosulfan Sulfate

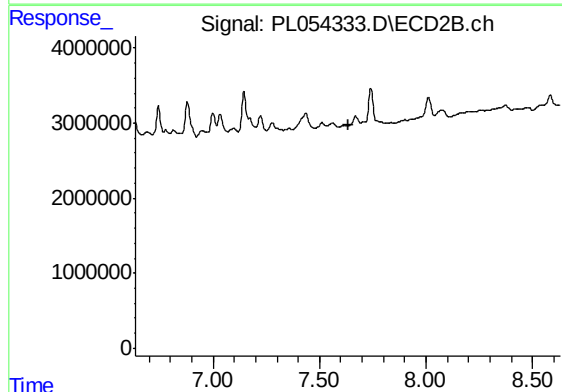
R.T.: 0.000 min  
Exp R.T. : 7.312 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

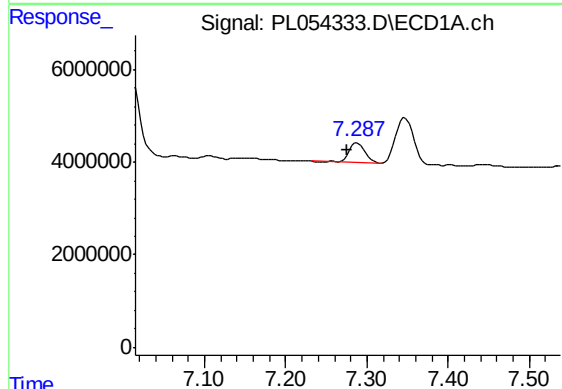
R.T.: 7.012 min  
Delta R.T.: -0.025 min  
Response: 22038336  
Conc: 4.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
4-(2-4)



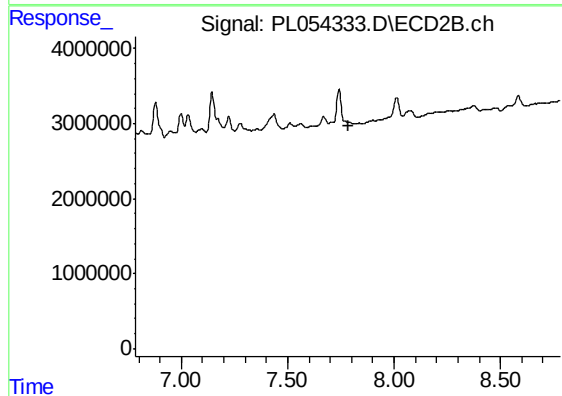
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.633 min  
Response: 0  
Conc: N.D.



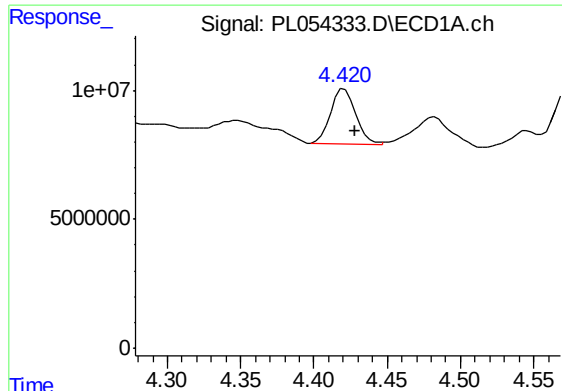
#21 Endrin ketone

R.T.: 7.288 min  
Delta R.T.: 0.013 min  
Response: 5527672  
Conc: 0.51 ng/ml



#21 Endrin ketone

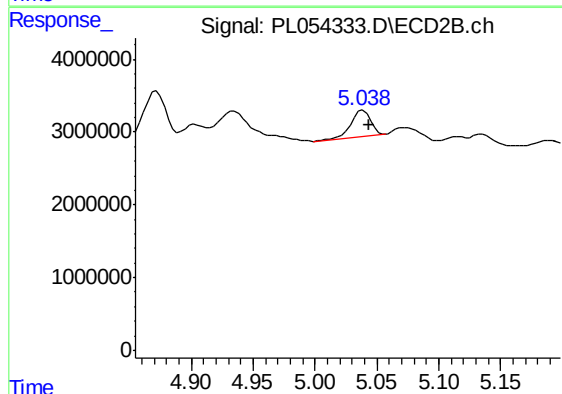
R.T.: 0.000 min  
Exp R.T. : 7.783 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

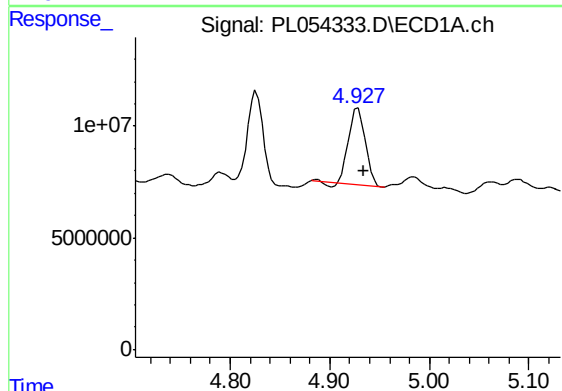
R.T.: 4.421 min  
Delta R.T.: -0.007 min  
Response: 25438758  
Conc: 71.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
4-(2-4)



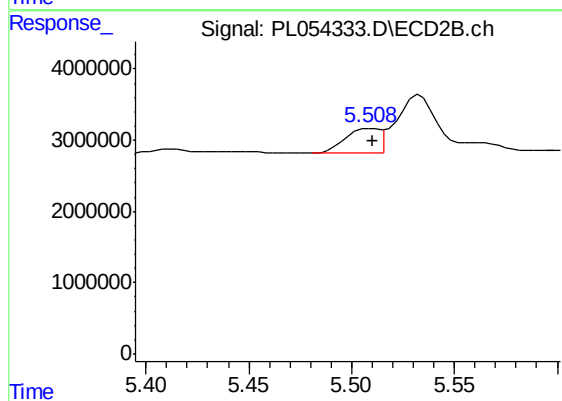
#23 Chlordane-1

R.T.: 5.039 min  
Delta R.T.: -0.005 min  
Response: 3841989  
Conc: 45.81 ng/ml



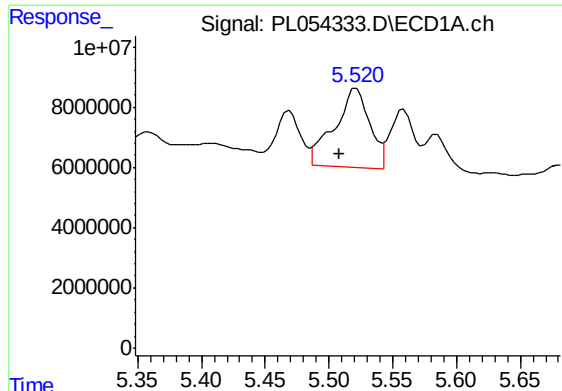
#24 Chlordane-2

R.T.: 4.928 min  
Delta R.T.: -0.006 min  
Response: 39011144  
Conc: 101.24 ng/ml



#24 Chlordane-2

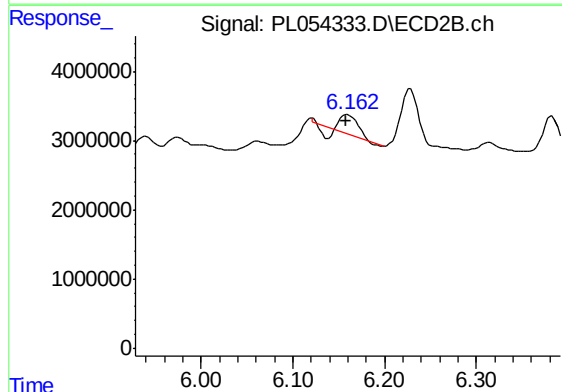
R.T.: 5.509 min  
Delta R.T.: -0.001 min  
Response: 4032617  
Conc: 41.06 ng/ml



#25 Chlordane-3

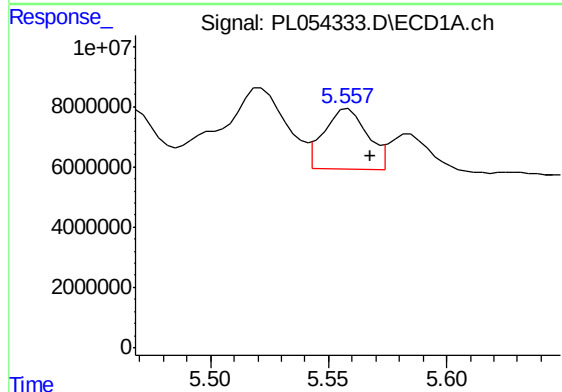
R.T.: 5.522 min  
Delta R.T.: 0.013 min  
Response: 50280300  
Conc: 43.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
4-(2-4)



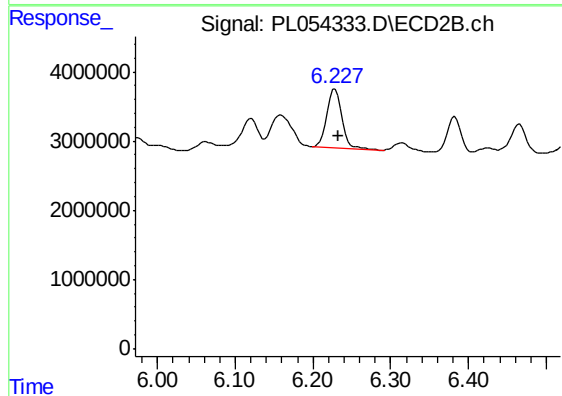
#25 Chlordane-3

R.T.: 6.159 min  
Delta R.T.: 0.001 min  
Response: 2693729  
Conc: 7.38 ng/ml



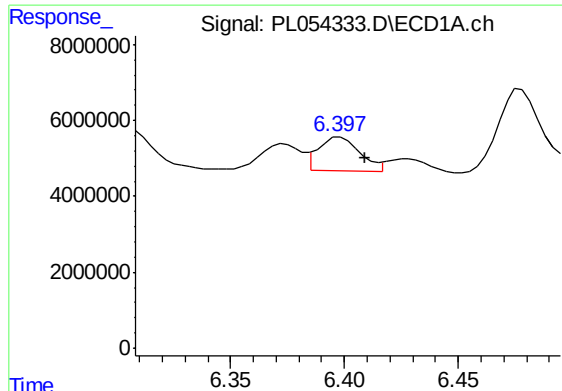
#26 Chlordane-4

R.T.: 5.558 min  
Delta R.T.: -0.009 min  
Response: 25769123  
Conc: 27.49 ng/ml



#26 Chlordane-4

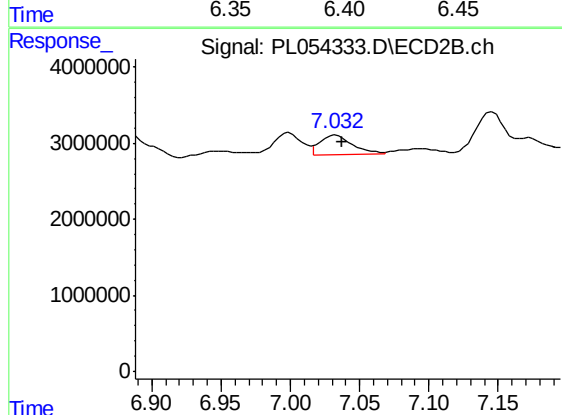
R.T.: 6.228 min  
Delta R.T.: -0.004 min  
Response: 11612631  
Conc: 25.87 ng/ml



#27 Chlordane-5

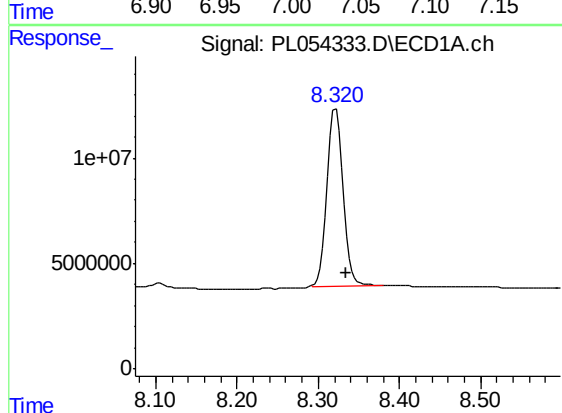
R.T.: 6.398 min  
Delta R.T.: -0.011 min  
Response: 11616349  
Conc: 31.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
4-(2-4)



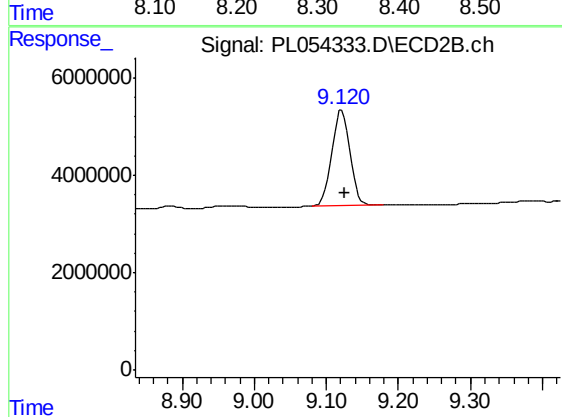
#27 Chlordane-5

R.T.: 7.033 min  
Delta R.T.: -0.004 min  
Response: 4411419  
Conc: 57.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.322 min  
Delta R.T.: -0.012 min  
Response: 115294711  
Conc: 11.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: -0.005 min  
Response: 34536679  
Conc: 12.26 ng/ml