

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100719\  
 Data File : PL053110.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Oct 2019 17:21  
 Operator : SG\AJ  
 Sample : K5213-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 S-1(0-5)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 08 05:36:44 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 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... | 3.547  | 4.048  | 106.8E6  | 30361591 | 10.736  | 11.307    |
| 28)                         | SA Decachlor... | 8.339  | 9.127  | 110.2E6  | 36238315 | 11.002  | 12.352    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.016f | 0.000  | 15250938 | 0        | 0.956   | N.D. #    |
| 5)                          | MB Aldrin       | 4.838  | 5.536  | 37218351 | 32143057 | 2.706   | 9.275 #   |
| 6)                          | B beta-BHC      | 4.552f | 4.908f | 27806362 | 1580821  | 4.479   | 1.006 #   |
| 7)                          | B delta-BHC     | 4.755f | 5.107  | 115.2E6  | 16058129 | 8.043   | 4.436 #   |
| 8)                          | B Heptachlo...  | 5.282  | 5.916  | 44894046 | 40557528 | 3.445   | 12.101 #  |
| 9)                          | A Endosulfan I  | 0.000  | 6.270  | 0        | 9106695  | N.D.    | 2.913 #   |
| 10)                         | B gamma-Chl...  | 5.529  | 6.175f | 36611809 | 11515068 | 2.722   | 3.404 #   |
| 11)                         | B alpha-Chl...  | 5.554f | 6.231  | 15855984 | 2047704  | 1.202   | 0.608 #   |
| 12)                         | B 4,4'-DDE      | 5.752  | 6.402f | 286.6E6  | 117.8E6  | 24.697  | 36.077 #  |
| 13)                         | MA Dieldrin     | 5.881  | 6.529  | 146.7E6  | 67777271 | 11.363  | 20.778 #  |
| 14)                         | MA Endrin       | 6.122  | 6.748  | 82451595 | -4028197 | 7.238   | N.D. #    |
| 15)                         | B Endosulfa...  | 6.388f | 6.950  | 93942530 | 26511738 | 8.198   | 8.936     |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.882  | 0        | 453.9E6  | N.D.    | 185.058 # |
| 17)                         | MA 4,4'-DDT     | 6.489  | 7.150f | 1072.1E6 | 128.6E6  | 104.982 | 49.427 #  |
| 18)                         | B Endrin al...  | 6.593f | 7.105f | 862.5E6  | 27668955 | 91.840  | 11.281 #  |
| 19)                         | B Endosulfa...  | 6.781  | 0.000  | 229.0E6  | 0        | 22.001  | N.D. #    |
| 20)                         | A Methoxychlor  | 7.027f | 7.608f | 188.7E6  | 99651624 | 36.585  | 70.779 #  |
| 21)                         | B Endrin ke...  | 7.308f | 0.000  | 183.2E6  | 0        | 15.717  | N.D. #    |
| 22)                         | Mirex           | 0.000  | 8.239  | 0        | 96944299 | N.D.    | 43.101 #  |
| 24)                         | Chlordane-2     | 0.000  | 5.536f | 0        | 32143057 | N.D.    | 287.191 # |
| 25)                         | Chlordane-3     | 5.529  | 6.175f | 36611809 | 11515068 | 31.597  | 26.440    |
| 26)                         | Chlordane-4     | 5.554f | 6.231  | 15855984 | 2047704  | 16.613  | 3.856 #   |
| 27)                         | Chlordane-5     | 6.448f | 7.026  | 181.7E6  | 24199381 | 460.778 | 274.340 # |
| -----                       |                 |        |        |          |          |         |           |

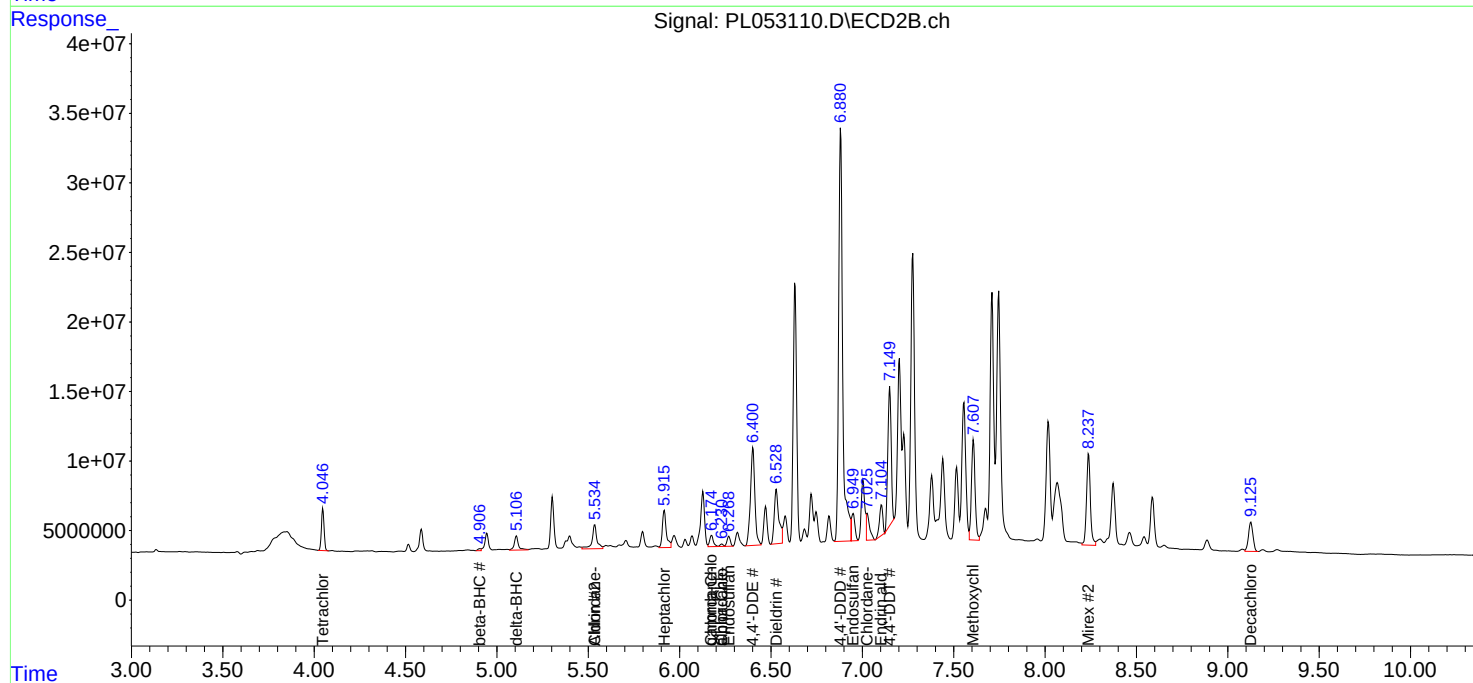
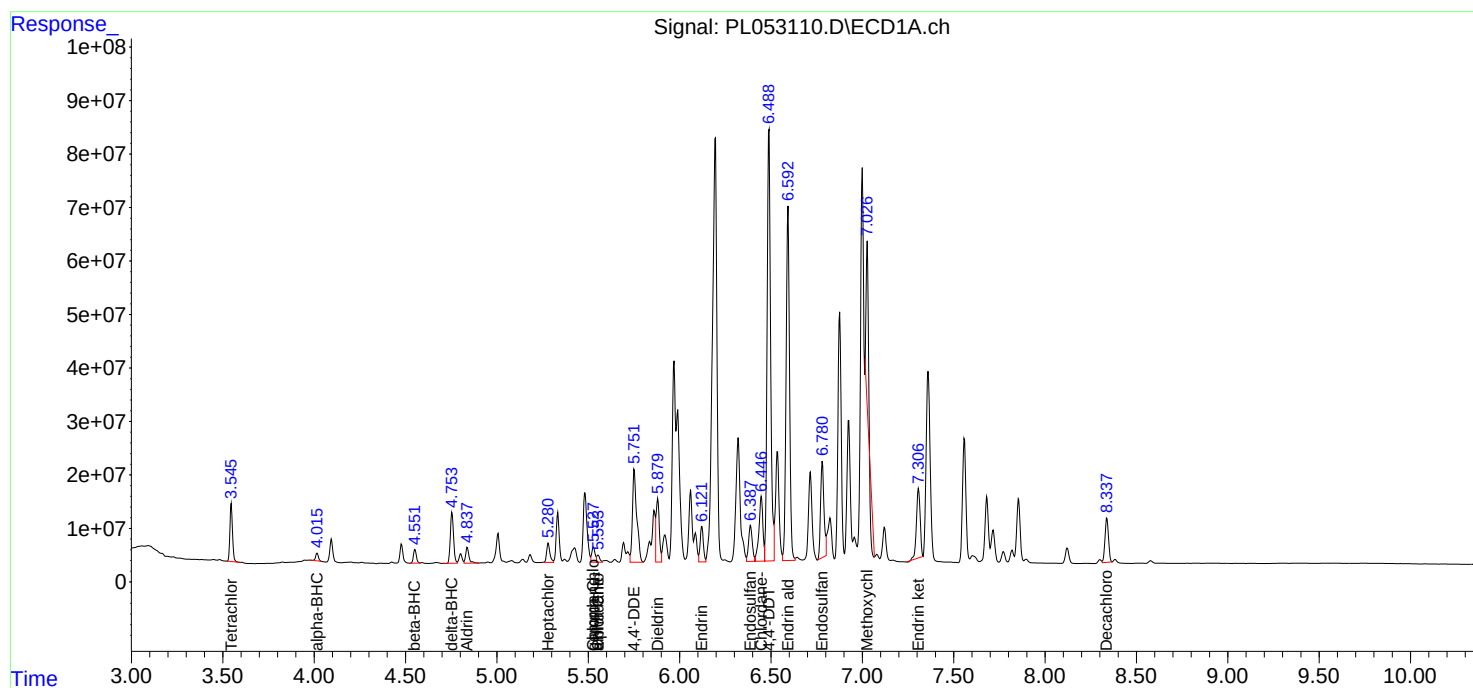
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

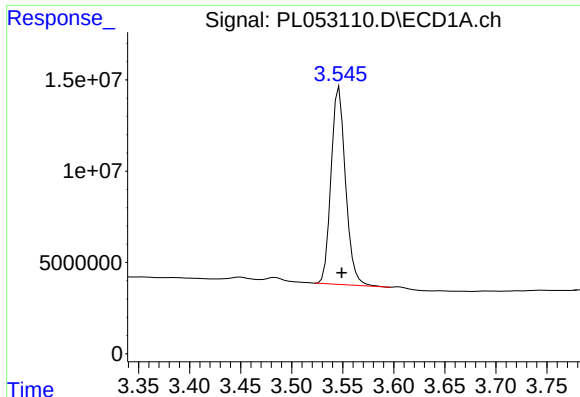
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100719\  
Data File : PL053110.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Oct 2019 17:21  
Operator : SG\AJ  
Sample : K5213-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
S-1(0-5)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 08 05:36:44 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 30 08:44:08 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

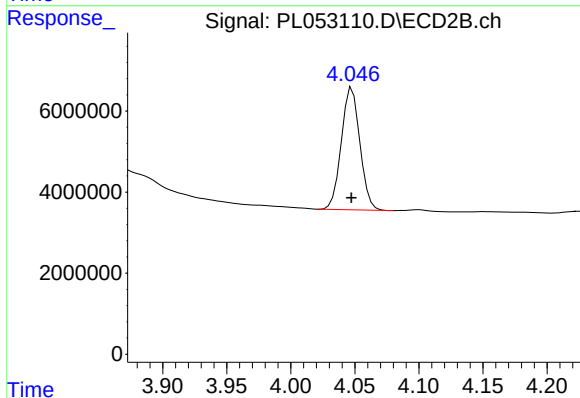




#1 Tetrachloro-m-xylene

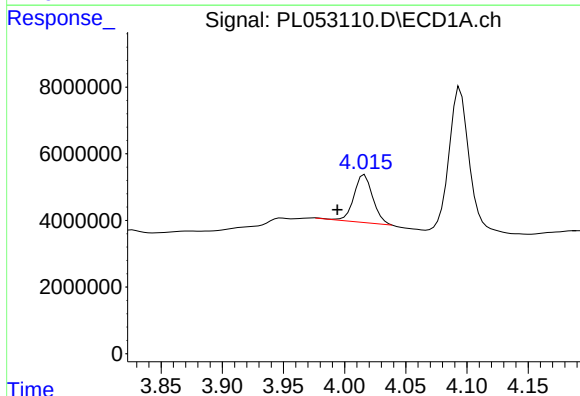
R.T.: 3.547 min  
Delta R.T.: -0.002 min  
Response: 106784182  
Conc: 10.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1(0-5)



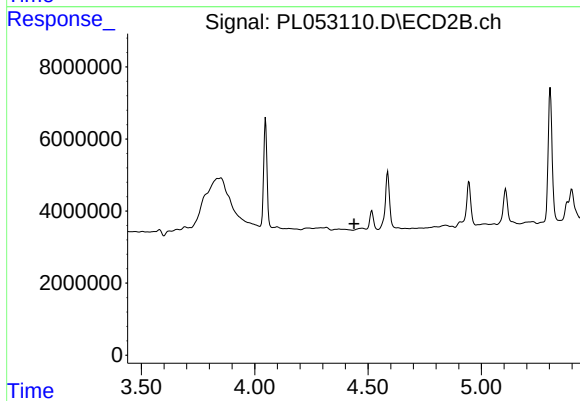
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 30361591  
Conc: 11.31 ng/ml



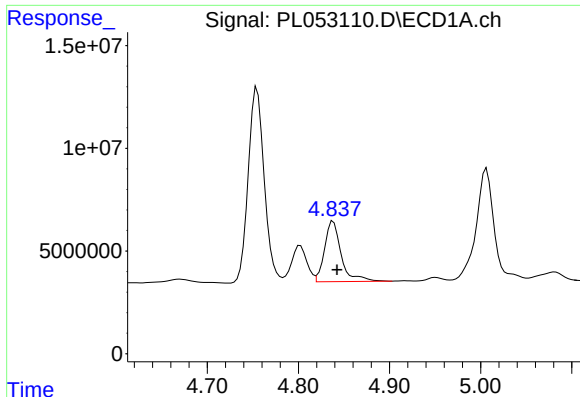
#2 alpha-BHC

R.T.: 4.016 min  
Delta R.T.: 0.022 min  
Response: 15250938  
Conc: 0.96 ng/ml



#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 4.438 min  
Response: 0  
Conc: N.D.



#5 Aldrin

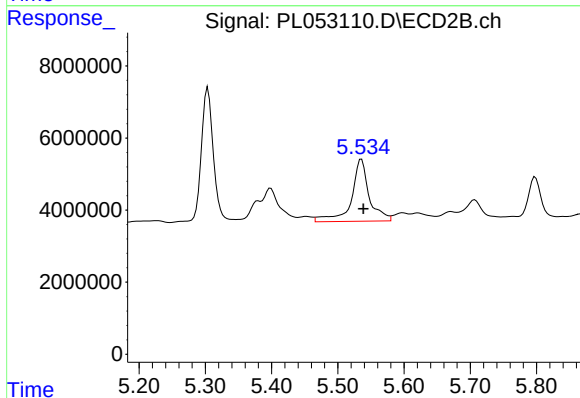
R.T.: 4.838 min

Delta R.T.: -0.004 min

Response: 37218351

Conc: 2.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1(0-5)



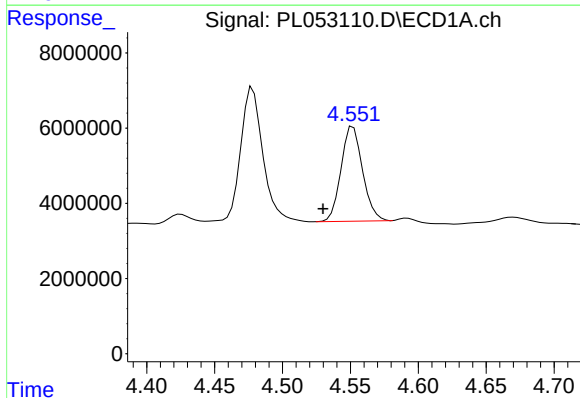
#5 Aldrin

R.T.: 5.536 min

Delta R.T.: -0.003 min

Response: 32143057

Conc: 9.27 ng/ml



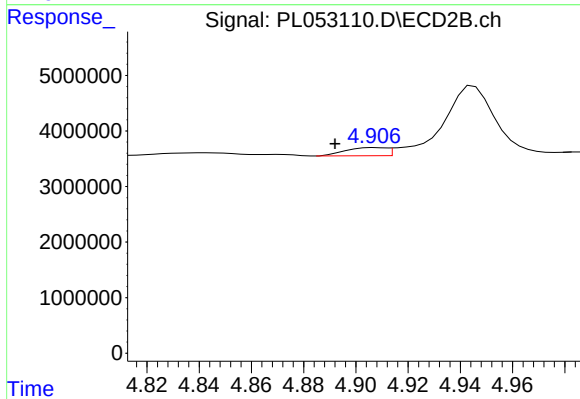
#6 beta-BHC

R.T.: 4.552 min

Delta R.T.: 0.022 min

Response: 27806362

Conc: 4.48 ng/ml



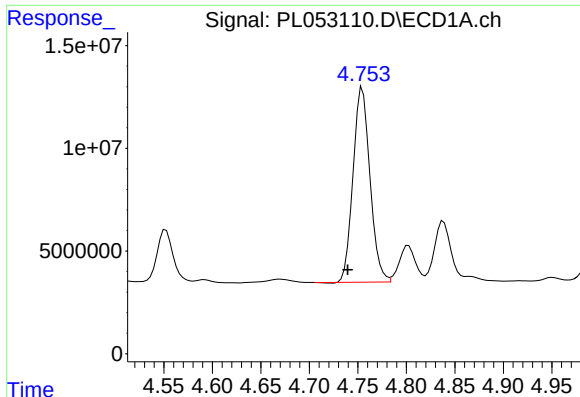
#6 beta-BHC

R.T.: 4.908 min

Delta R.T.: 0.016 min

Response: 1580821

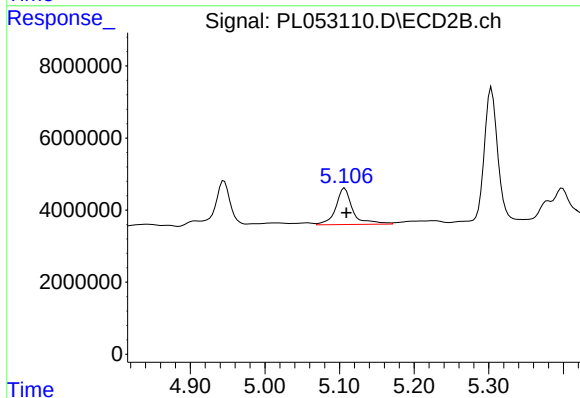
Conc: 1.01 ng/ml



#7 delta-BHC

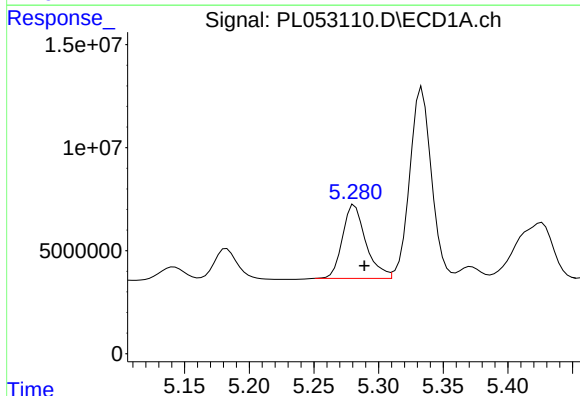
R.T.: 4.755 min  
Delta R.T.: 0.015 min  
Response: 115248292  
Conc: 8.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1(0-5)



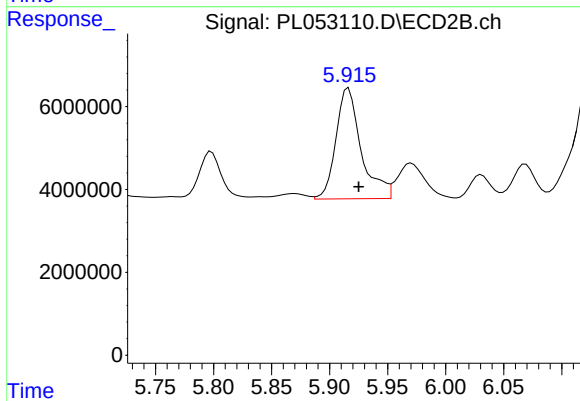
#7 delta-BHC

R.T.: 5.107 min  
Delta R.T.: -0.002 min  
Response: 16058129  
Conc: 4.44 ng/ml



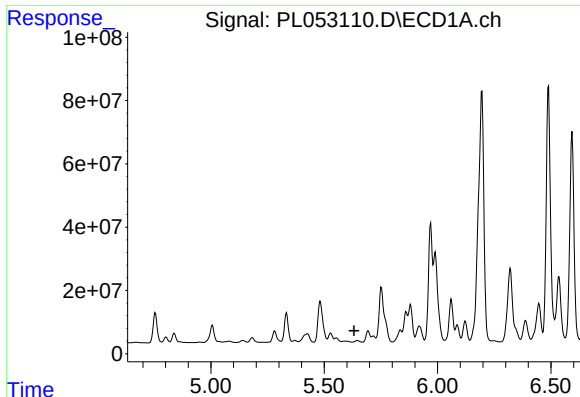
#8 Heptachlor epoxide

R.T.: 5.282 min  
Delta R.T.: -0.007 min  
Response: 44894046  
Conc: 3.45 ng/ml



#8 Heptachlor epoxide

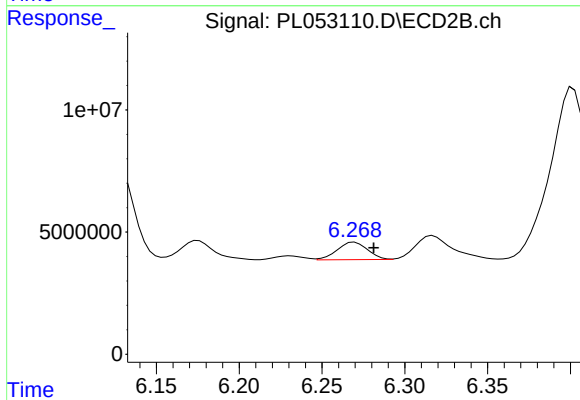
R.T.: 5.916 min  
Delta R.T.: -0.009 min  
Response: 40557528  
Conc: 12.10 ng/ml



#9 Endosulfan I

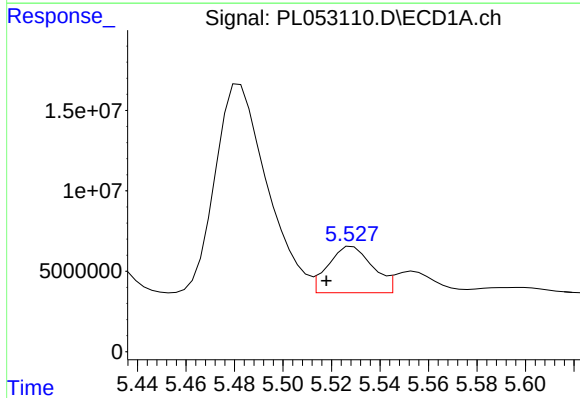
R.T.: 0.000 min  
Exp R.T.: 5.632 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S-1(0-5)



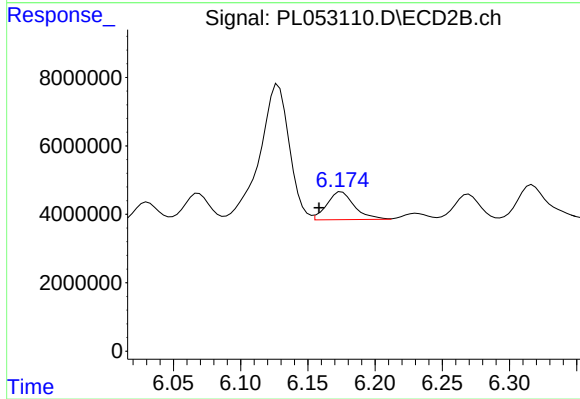
#9 Endosulfan I

R.T.: 6.270 min  
Delta R.T.: -0.012 min  
Response: 9106695  
Conc: 2.91 ng/ml



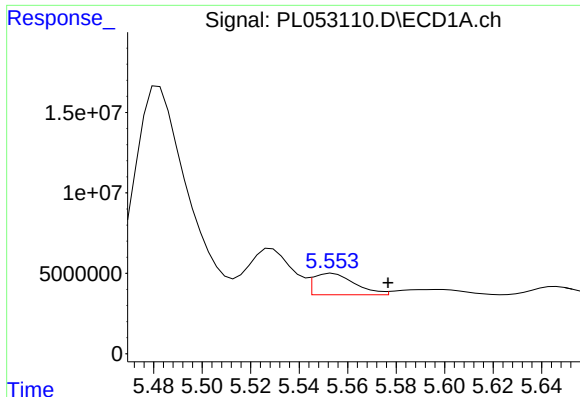
#10 gamma-Chlordane

R.T.: 5.529 min  
Delta R.T.: 0.011 min  
Response: 36611809  
Conc: 2.72 ng/ml



#10 gamma-Chlordane

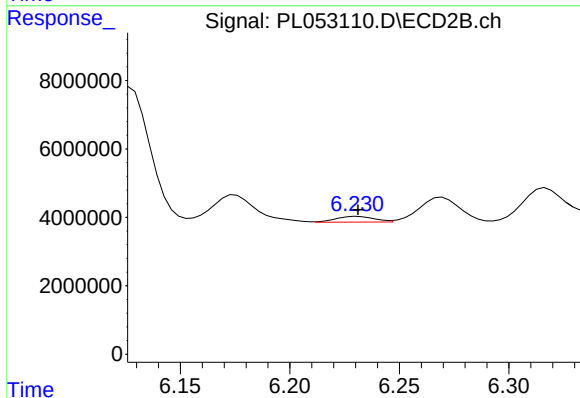
R.T.: 6.175 min  
Delta R.T.: 0.017 min  
Response: 11515068  
Conc: 3.40 ng/ml



#11 alpha-Chlordane

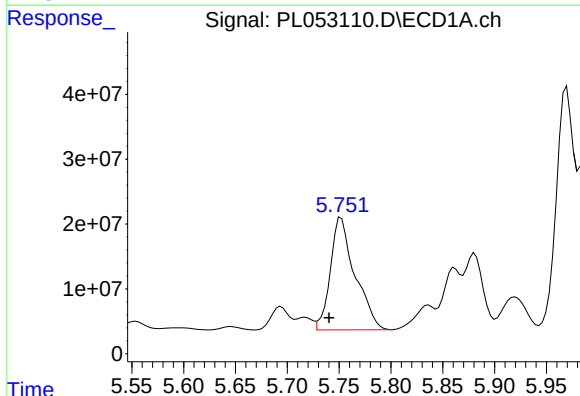
R.T.: 5.554 min  
Delta R.T.: -0.023 min  
Response: 15855984  
Conc: 1.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1(0-5)



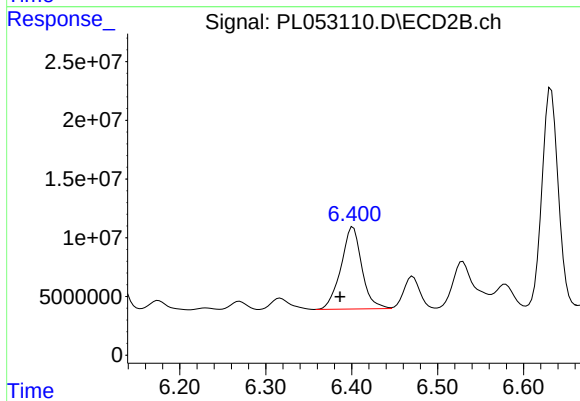
#11 alpha-Chlordane

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 2047704  
Conc: 0.61 ng/ml



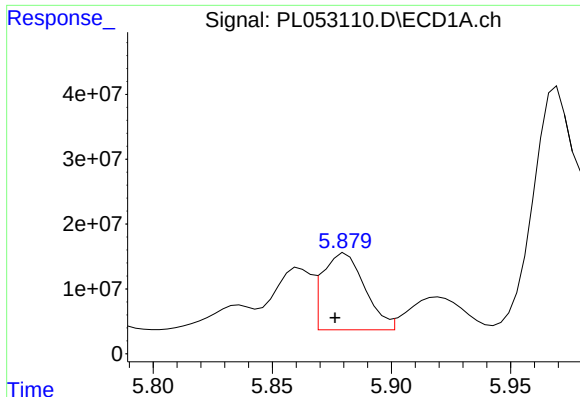
#12 4,4'-DDE

R.T.: 5.752 min  
Delta R.T.: 0.012 min  
Response: 286648186  
Conc: 24.70 ng/ml



#12 4,4'-DDE

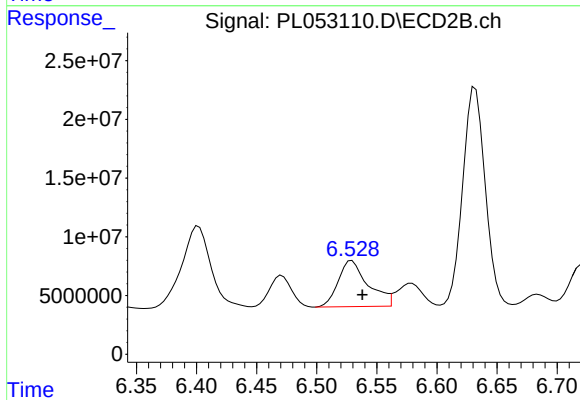
R.T.: 6.402 min  
Delta R.T.: 0.015 min  
Response: 117832796  
Conc: 36.08 ng/ml



#13 Dieldrin

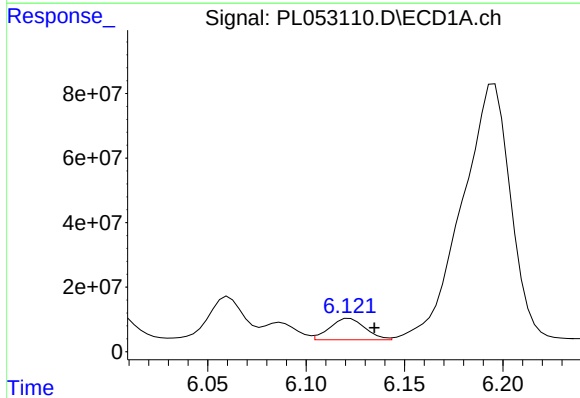
R.T.: 5.881 min  
Delta R.T.: 0.004 min  
Response: 146681660  
Conc: 11.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1(0-5)



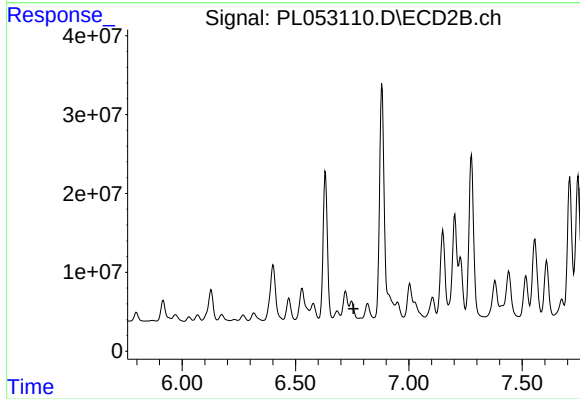
#13 Dieldrin

R.T.: 6.529 min  
Delta R.T.: -0.009 min  
Response: 67777271  
Conc: 20.78 ng/ml



#14 Endrin

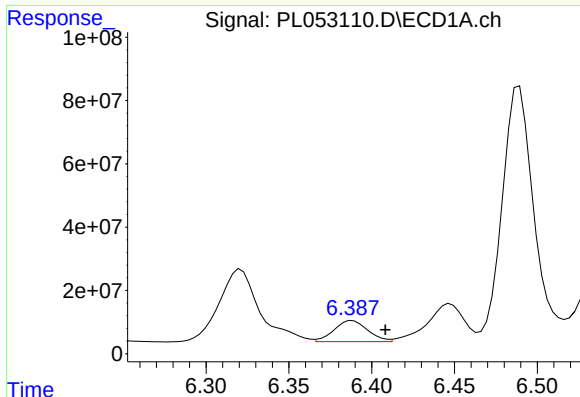
R.T.: 6.122 min  
Delta R.T.: -0.013 min  
Response: 82451595  
Conc: 7.24 ng/ml



#14 Endrin

R.T.: 6.748 min  
Delta R.T.: -0.008 min  
Response: -4028197  
Conc: N.D.

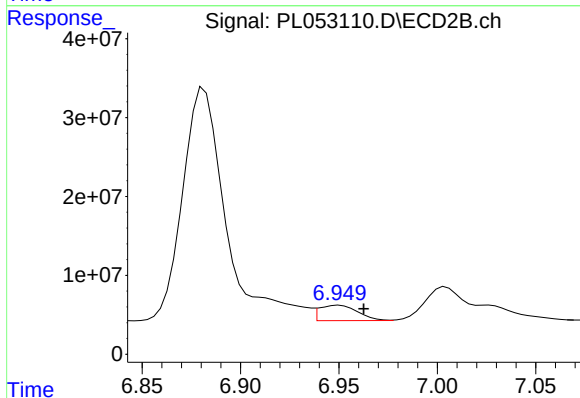




#15 Endosulfan II

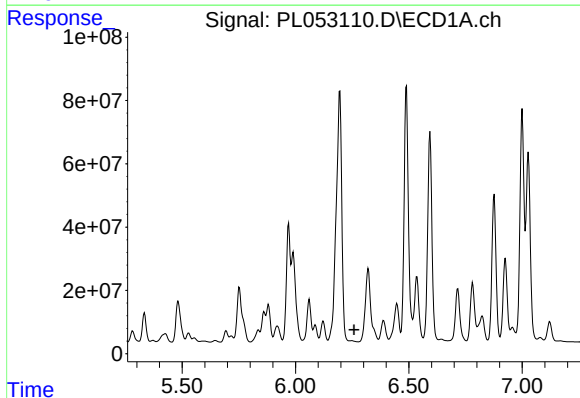
R.T.: 6.388 min  
Delta R.T.: -0.020 min  
Response: 93942530  
Conc: 8.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1(0-5)



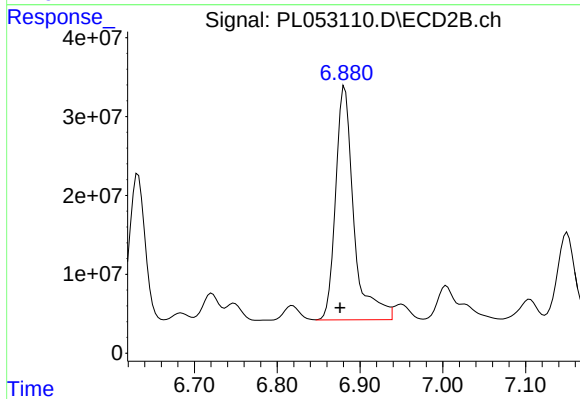
#15 Endosulfan II

R.T.: 6.950 min  
Delta R.T.: -0.012 min  
Response: 26511738  
Conc: 8.94 ng/ml



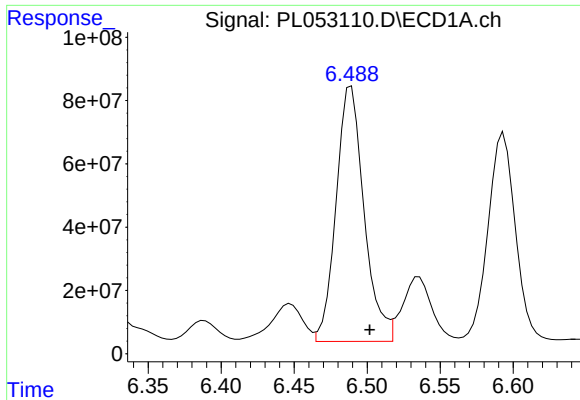
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.258 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

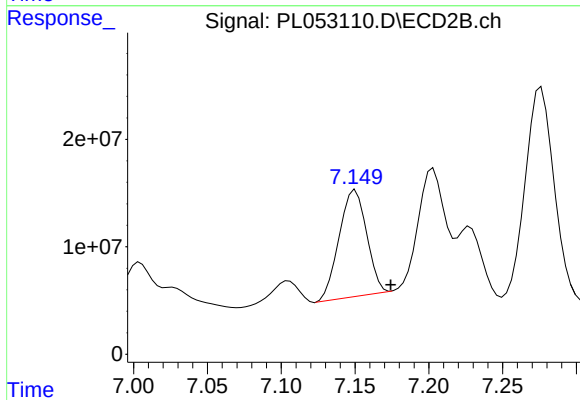
R.T.: 6.882 min  
Delta R.T.: 0.006 min  
Response: 453866305  
Conc: 185.06 ng/ml



#17 4,4'-DDT

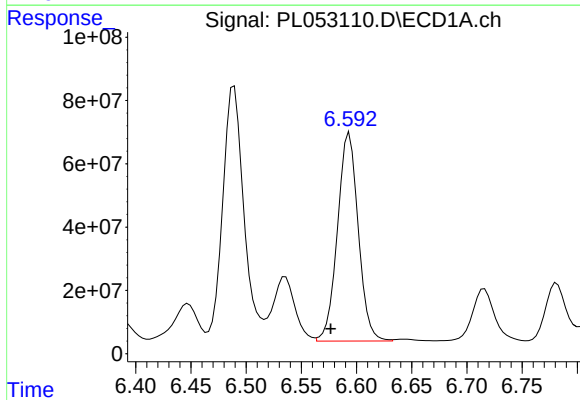
R.T.: 6.489 min  
Delta R.T.: -0.013 min  
Response: 1072117027  
Conc: 104.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1(0-5)



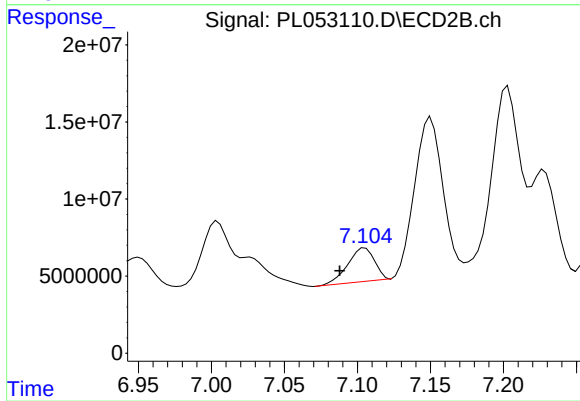
#17 4,4'-DDT

R.T.: 7.150 min  
Delta R.T.: -0.024 min  
Response: 128635890  
Conc: 49.43 ng/ml



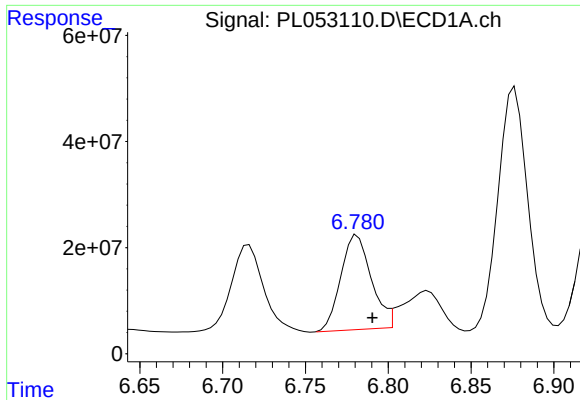
#18 Endrin aldehyde

R.T.: 6.593 min  
Delta R.T.: 0.017 min  
Response: 862451510  
Conc: 91.84 ng/ml



#18 Endrin aldehyde

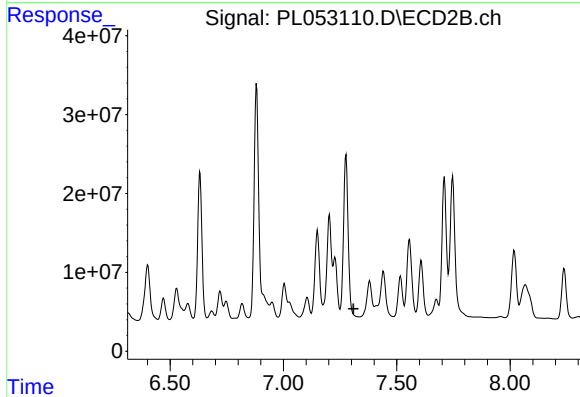
R.T.: 7.105 min  
Delta R.T.: 0.017 min  
Response: 27668955  
Conc: 11.28 ng/ml



#19 Endosulfan Sulfate

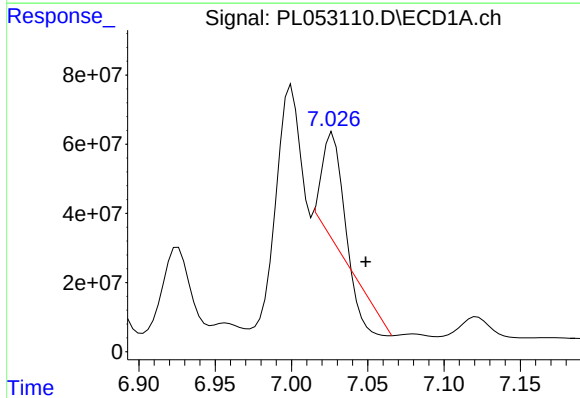
R.T.: 6.781 min  
Delta R.T.: -0.009 min  
Response: 229011757  
Conc: 22.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1(0-5)



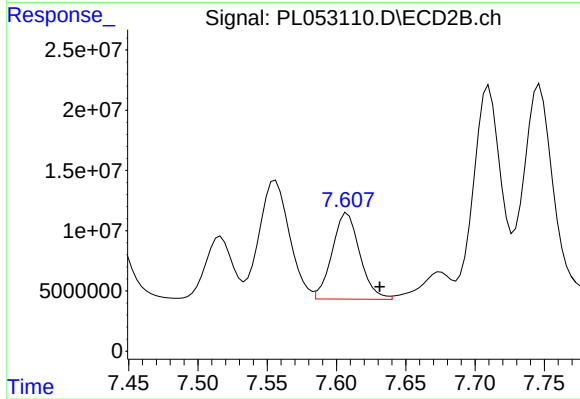
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.310 min  
Response: 0  
Conc: N.D.



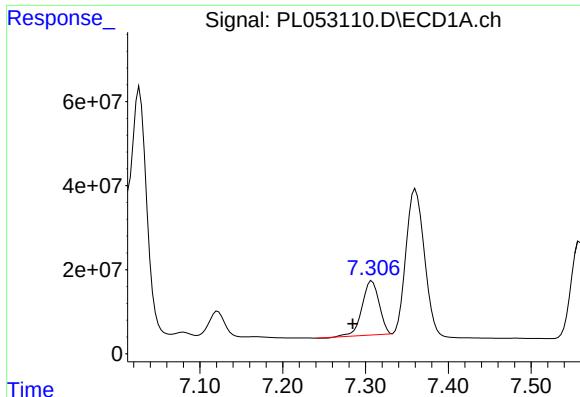
#20 Methoxychlor

R.T.: 7.027 min  
Delta R.T.: -0.022 min  
Response: 188711518  
Conc: 36.59 ng/ml



#20 Methoxychlor

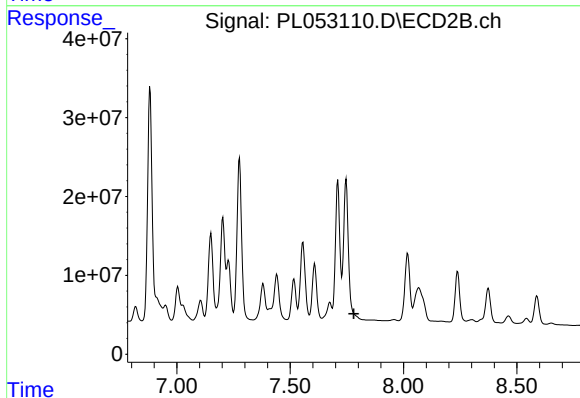
R.T.: 7.608 min  
Delta R.T.: -0.023 min  
Response: 99651624  
Conc: 70.78 ng/ml



#21 Endrin ketone

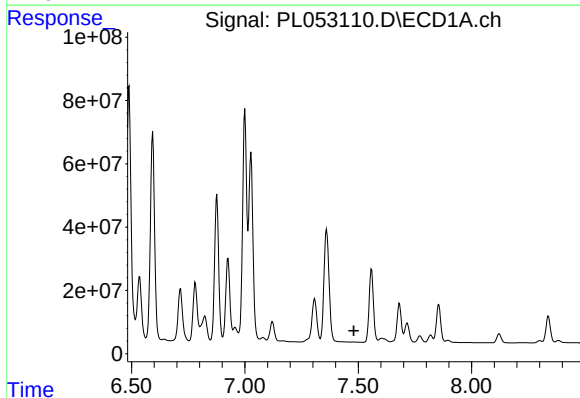
R.T.: 7.308 min  
Delta R.T.: 0.023 min  
Response: 183177212  
Conc: 15.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1(0-5)



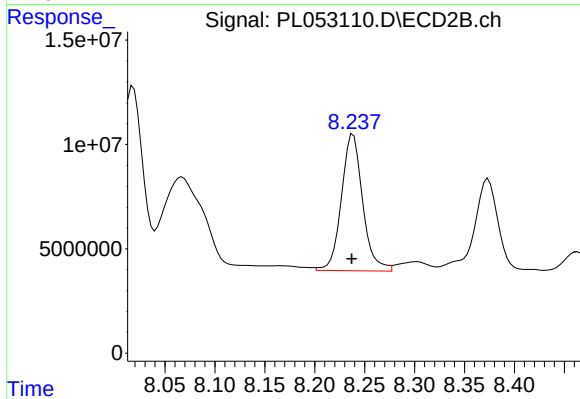
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.781 min  
Response: 0  
Conc: N.D.



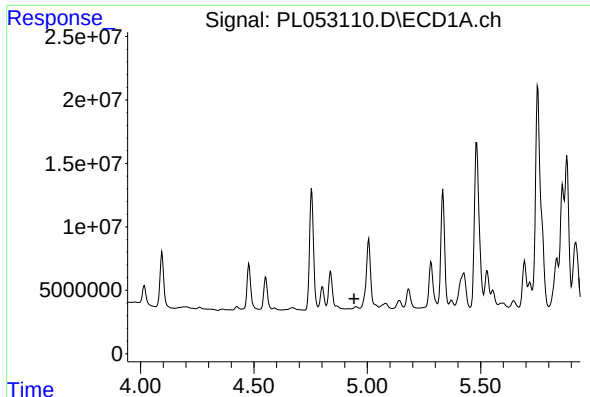
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.481 min  
Response: 0  
Conc: N.D.



#22 Mirex

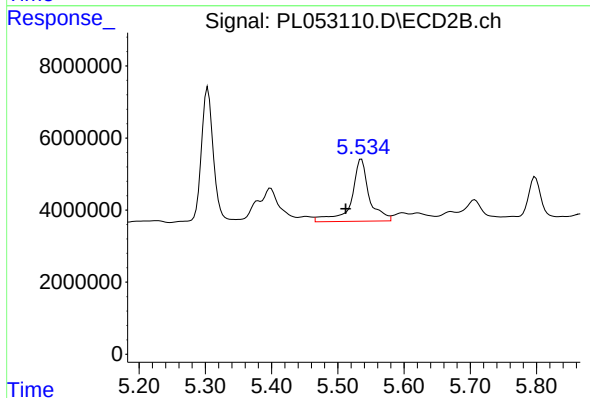
R.T.: 8.239 min  
Delta R.T.: 0.001 min  
Response: 96944299  
Conc: 43.10 ng/ml



#24 Chlordane-2

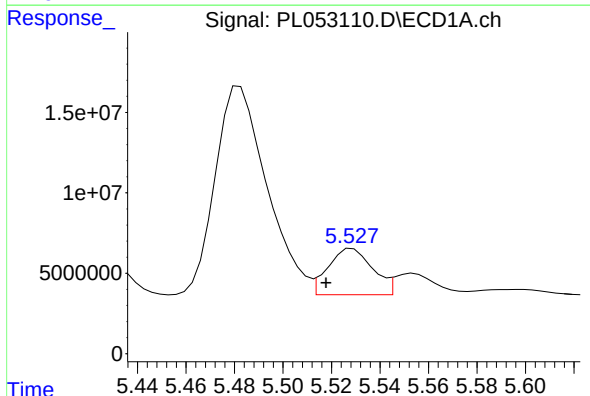
R.T.: 0.000 min  
Exp R.T.: 4.942 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S-1(0-5)



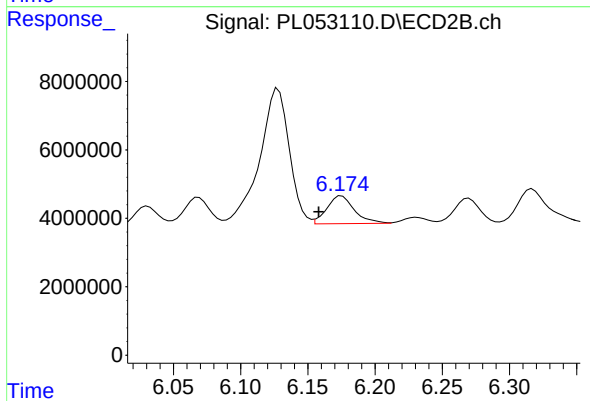
#24 Chlordane-2

R.T.: 5.536 min  
Delta R.T.: 0.024 min  
Response: 32143057  
Conc: 287.19 ng/ml



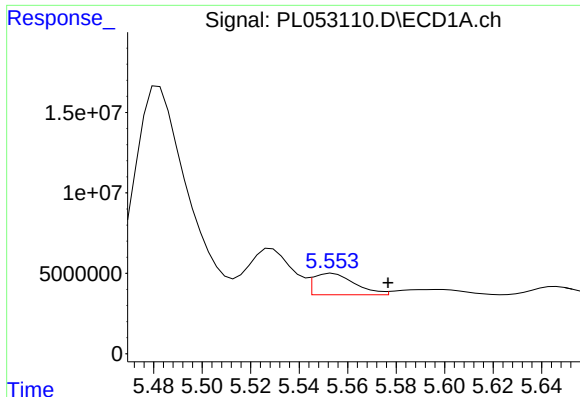
#25 Chlordane-3

R.T.: 5.529 min  
Delta R.T.: 0.011 min  
Response: 36611809  
Conc: 31.60 ng/ml



#25 Chlordane-3

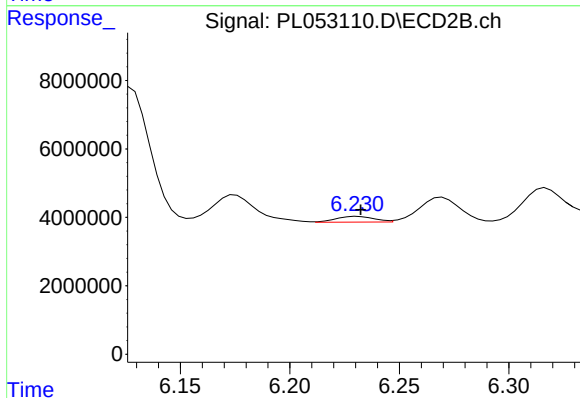
R.T.: 6.175 min  
Delta R.T.: 0.017 min  
Response: 11515068  
Conc: 26.44 ng/ml



#26 Chlordane-4

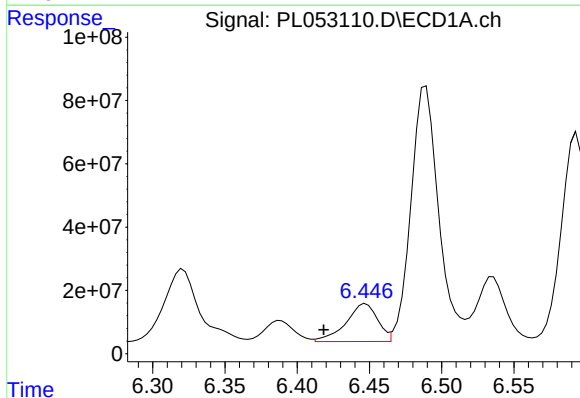
R.T.: 5.554 min  
Delta R.T.: -0.023 min  
Response: 15855984  
Conc: 16.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1(0-5)



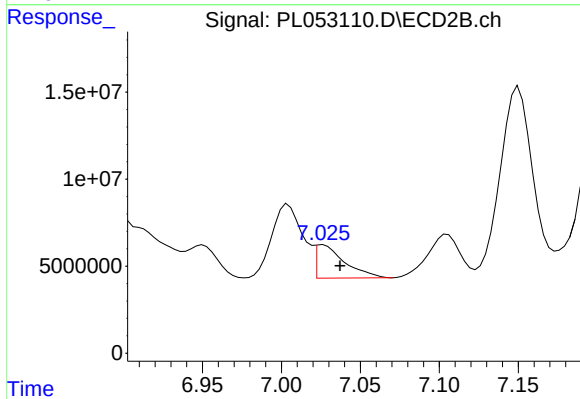
#26 Chlordane-4

R.T.: 6.231 min  
Delta R.T.: -0.001 min  
Response: 2047704  
Conc: 3.86 ng/ml



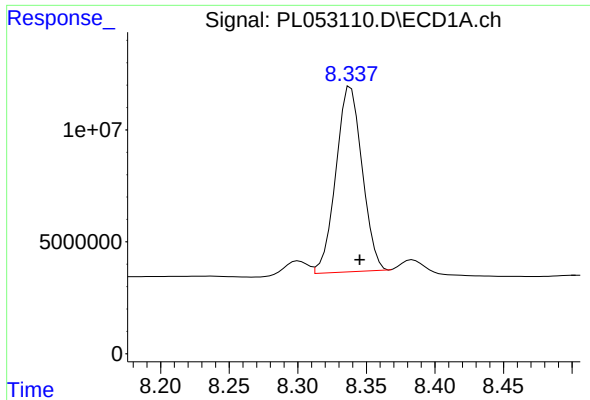
#27 Chlordane-5

R.T.: 6.448 min  
Delta R.T.: 0.029 min  
Response: 181746668  
Conc: 460.78 ng/ml



#27 Chlordane-5

R.T.: 7.026 min  
Delta R.T.: -0.011 min  
Response: 24199381  
Conc: 274.34 ng/ml



#28 Decachlorobiphenyl

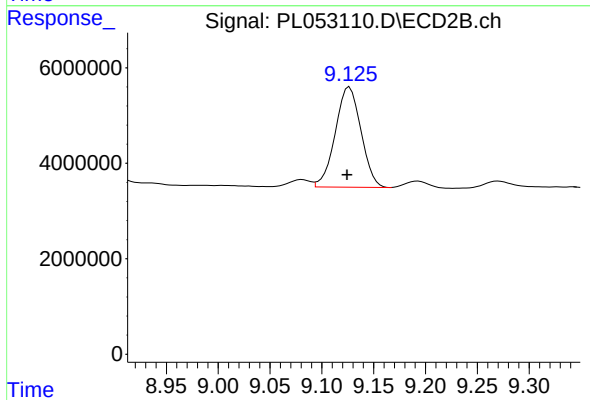
R.T.: 8.339 min

Delta R.T.: -0.007 min

Response: 110196213

Conc: 11.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1(0-5)



#28 Decachlorobiphenyl

R.T.: 9.127 min

Delta R.T.: 0.002 min

Response: 36238315

Conc: 12.35 ng/ml