

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083119\  
 Data File : PL052122.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Aug 2019 16:20  
 Operator : SG\AJ  
 Sample : K4622-19  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 31 22:41:31 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 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

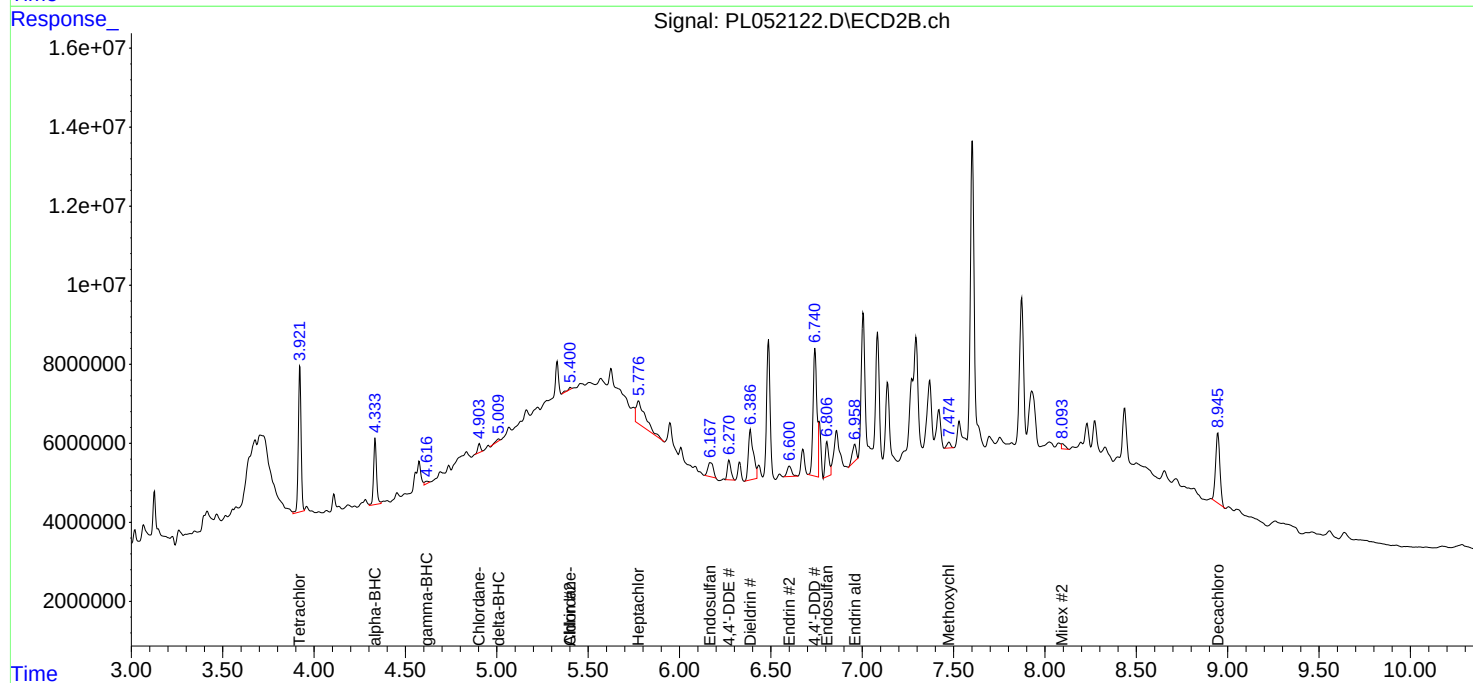
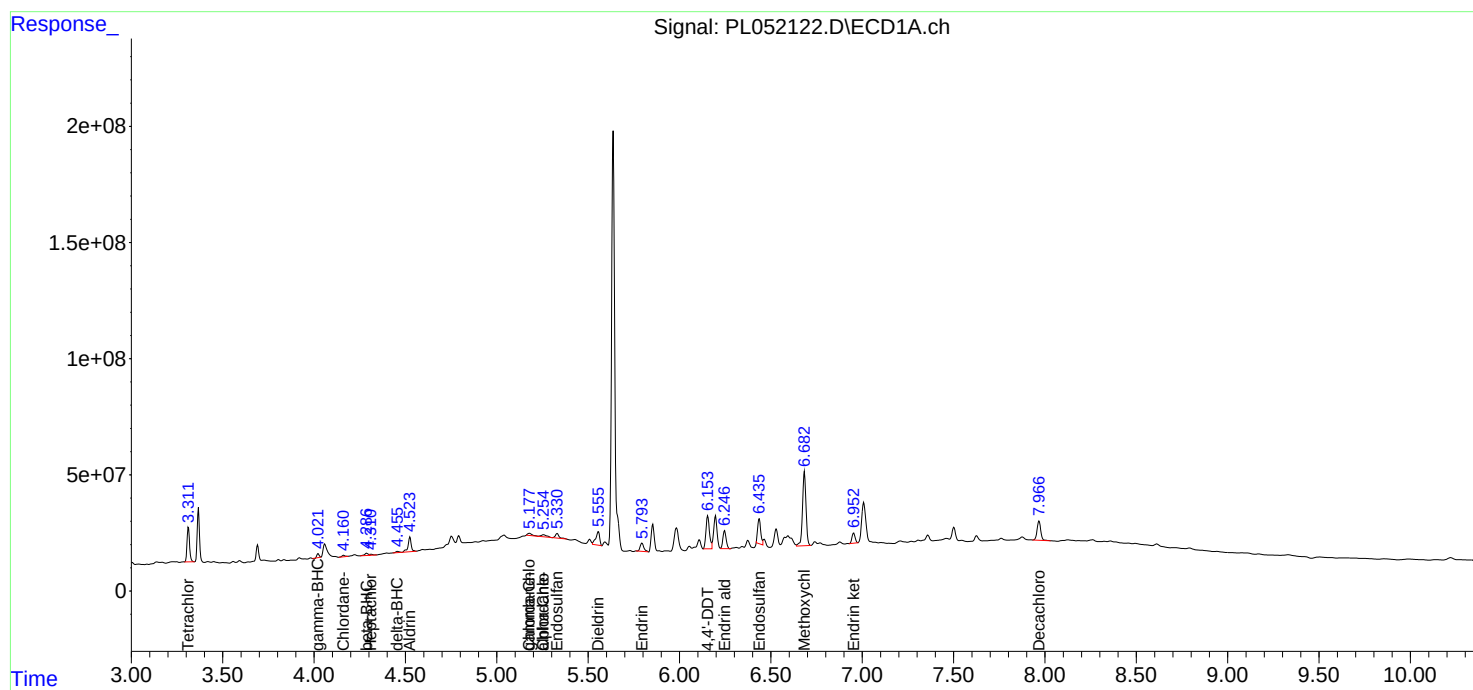
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.312  | 3.923  | 143.6E6  | 38687058 | 16.773 | 17.707   |
| 28)                         | SA Decachlor... | 7.968  | 8.946  | 113.3E6  | 29178376 | 9.331  | 9.586    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.335f | 0        | 18535319 | N.D.   | 5.752 #  |
| 3)                          | MA gamma-BHC... | 4.022  | 4.618f | 12986595 | 945782   | 0.987  | 0.300 #  |
| 4)                          | MA Heptachlor   | 4.312  | 0.000  | 4823435  | 0        | 0.319  | N.D. #   |
| 5)                          | MB Aldrin       | 4.525  | 5.403  | 76340055 | 690875   | 5.283  | 0.211 #  |
| 6)                          | B beta-BHC      | 4.288  | 0.000  | 12753563 | 0        | 2.234  | N.D. #   |
| 7)                          | B delta-BHC     | 4.456  | 5.010f | 7097299  | 905749   | 0.477  | 0.289 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.776  | 0        | 21128766 | N.D.   | 6.261 #  |
| 9)                          | A Endosulfan I  | 5.331f | 6.168f | 28075138 | 6703696  | 2.088  | 2.073    |
| 10)                         | B gamma-Chl...  | 5.179f | 6.008  | 15395502 | -691437  | 1.031  | N.D. #   |
| 11)                         | B alpha-Chl...  | 5.256  | 0.000  | 20503242 | 0        | 1.417  | N.D. #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.271f | 0        | 6742606  | N.D.   | 1.915 #  |
| 13)                         | MA Dieldrin     | 5.556  | 6.388  | 87071483 | 23552041 | 5.727  | 6.877    |
| 14)                         | MA Endrin       | 5.795  | 6.601  | 49645451 | 4518956  | 3.404  | 1.494 #  |
| 15)                         | B Endosulfa...  | 6.054f | 6.807f | -5490215 | 11796404 | N.D.   | 3.579    |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.742  | 0        | 47178567 | N.D.   | 17.426 # |
| 17)                         | MA 4,4'-DDT     | 6.155  | 0.000  | 188.3E6  | 0        | 14.764 | N.D. #   |
| 18)                         | B Endrin al...  | 6.247  | 6.960  | 96061775 | 6313608  | 8.258  | 2.234 #  |
| 19)                         | B Endosulfa...  | 6.436  | 0.000  | 124.5E6  | 0        | 9.567  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.684f | 7.475f | 423.6E6  | 2045711  | 62.485 | 1.220 #  |
| 21)                         | B Endrin ke...  | 6.953f | 0.000  | 52162768 | 0        | 3.687  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 8.096  | 0        | 1870751  | N.D.   | 0.769 #  |
| 23)                         | Chlordane-1     | 4.162  | 4.905  | 7547239  | 2311687  | 23.426 | 25.491   |
| 24)                         | Chlordane-2     | 0.000  | 5.403f | 0        | 690875   | N.D.   | 6.883 #  |
| 25)                         | Chlordane-3     | 5.179f | 6.008f | 15395502 | -691437  | 11.858 | N.D. #   |
| 26)                         | Chlordane-4     | 5.256  | 0.000  | 20503242 | 0        | 16.815 | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

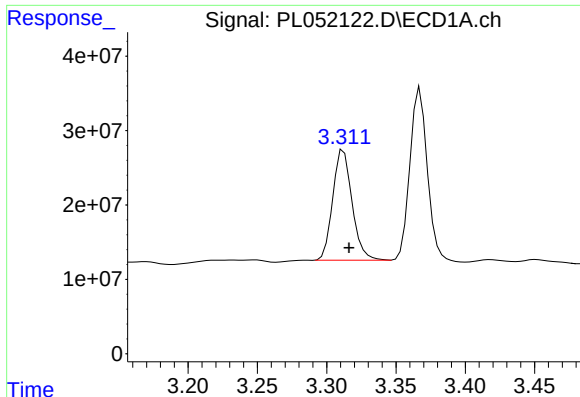
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083119\  
Data File : PL052122.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Aug 2019 16:20  
Operator : SG\AJ  
Sample : K4622-19  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 22:41:31 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 2019  
Response via : Initial Calibration  
Integrator: ChemStation

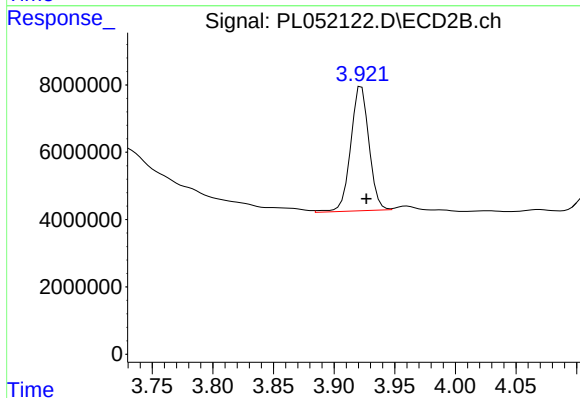
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





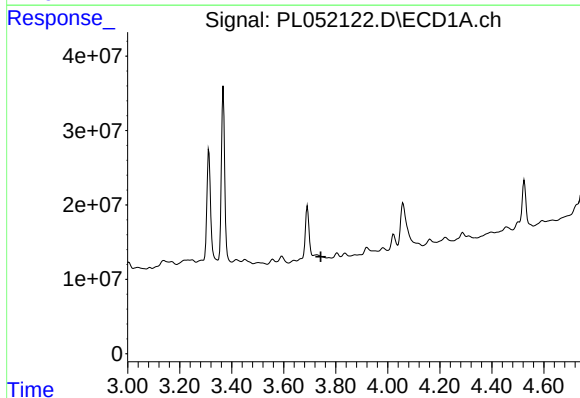
#1 Tetrachloro-m-xylene

R.T.: 3.312 min  
Delta R.T.: -0.004 min  
Response: 143551423  
Conc: 16.77 ng/ml



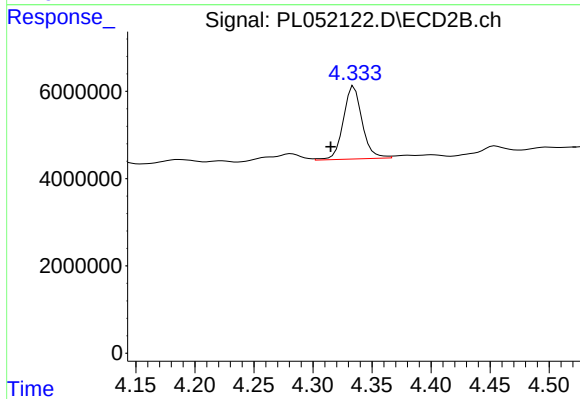
#1 Tetrachloro-m-xylene

R.T.: 3.923 min  
Delta R.T.: -0.004 min  
Response: 38687058  
Conc: 17.71 ng/ml



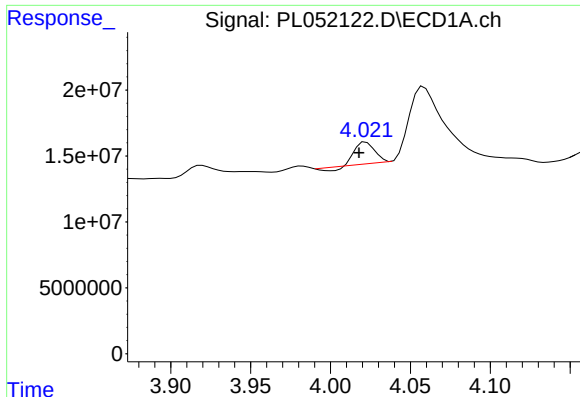
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 3.743 min  
Response: 0  
Conc: N.D.



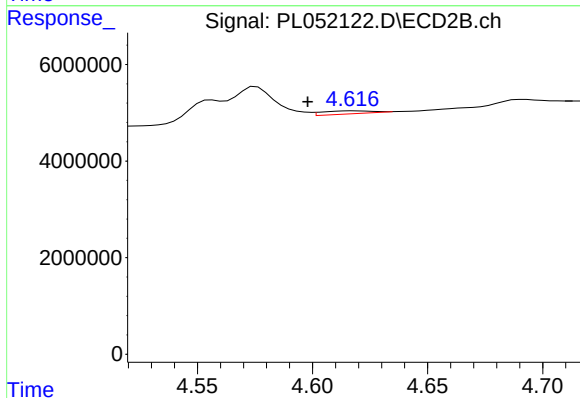
#2 alpha-BHC

R.T.: 4.335 min  
Delta R.T.: 0.020 min  
Response: 18535319  
Conc: 5.75 ng/ml



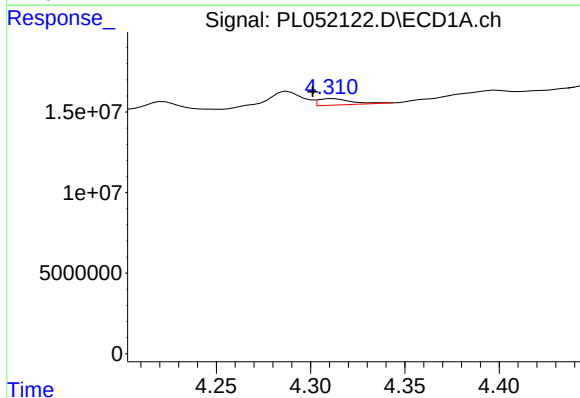
#3 gamma-BHC (Lindane)

R.T.: 4.022 min  
Delta R.T.: 0.004 min  
Response: 12986595  
Conc: 0.99 ng/ml



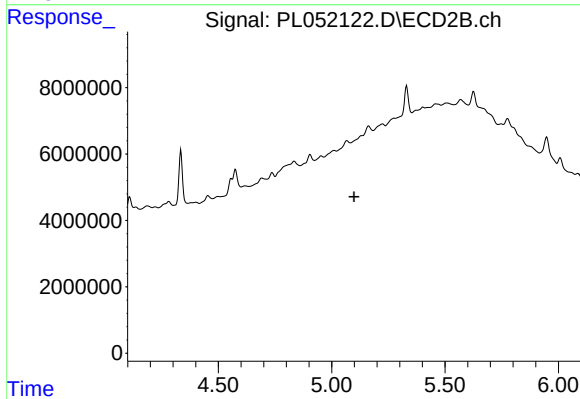
#3 gamma-BHC (Lindane)

R.T.: 4.618 min  
Delta R.T.: 0.020 min  
Response: 945782  
Conc: 0.30 ng/ml



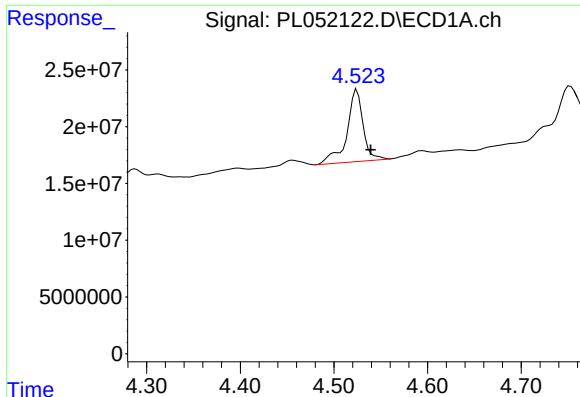
#4 Heptachlor

R.T.: 4.312 min  
Delta R.T.: 0.011 min  
Response: 4823435  
Conc: 0.32 ng/ml



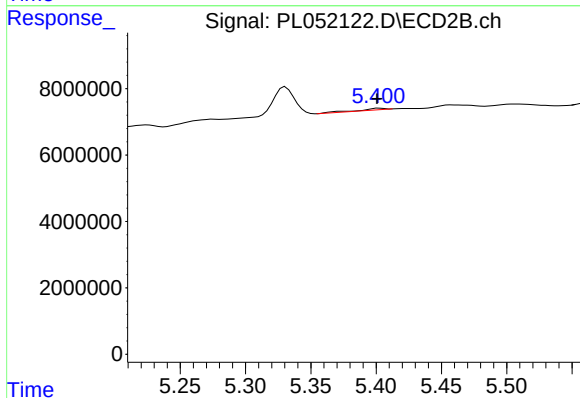
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 5.099 min  
Response: 0  
Conc: N.D.



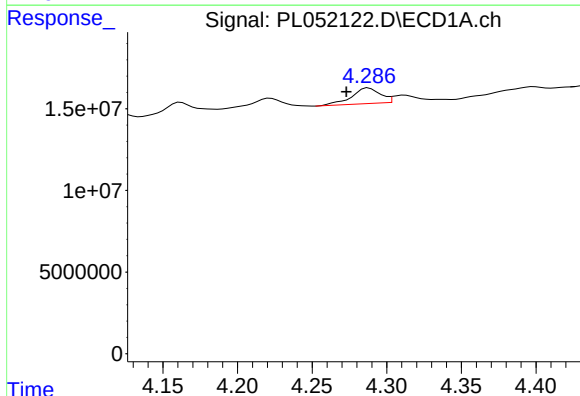
#5 Aldrin

R.T.: 4.525 min  
Delta R.T.: -0.015 min  
Response: 76340055  
Conc: 5.28 ng/ml



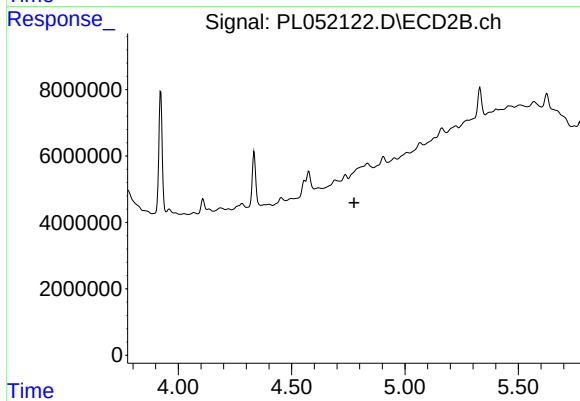
#5 Aldrin

R.T.: 5.403 min  
Delta R.T.: 0.002 min  
Response: 690875  
Conc: 0.21 ng/ml



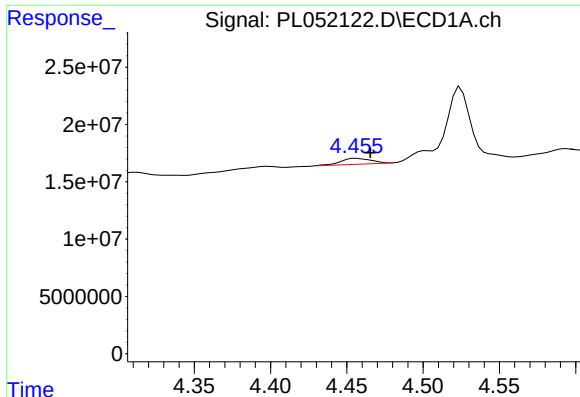
#6 beta-BHC

R.T.: 4.288 min  
Delta R.T.: 0.015 min  
Response: 12753563  
Conc: 2.23 ng/ml



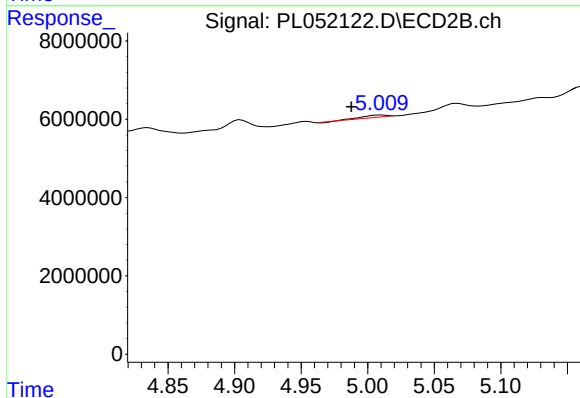
#6 beta-BHC

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



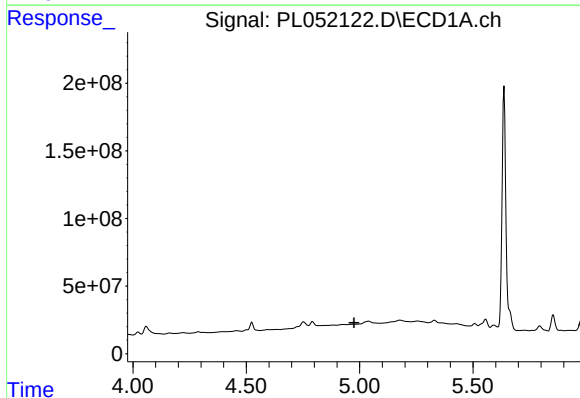
#7 delta-BHC

R.T.: 4.456 min  
Delta R.T.: -0.009 min  
Response: 7097299  
Conc: 0.48 ng/ml



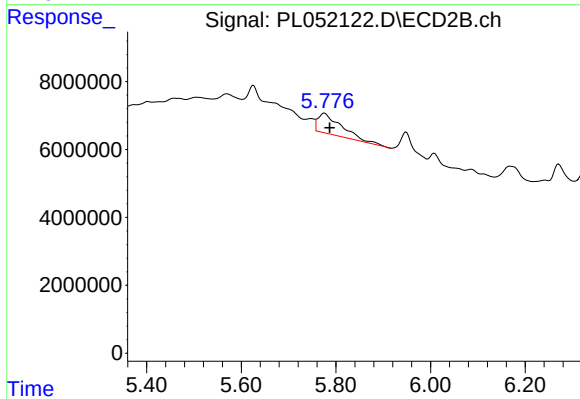
#7 delta-BHC

R.T.: 5.010 min  
Delta R.T.: 0.022 min  
Response: 905749  
Conc: 0.29 ng/ml



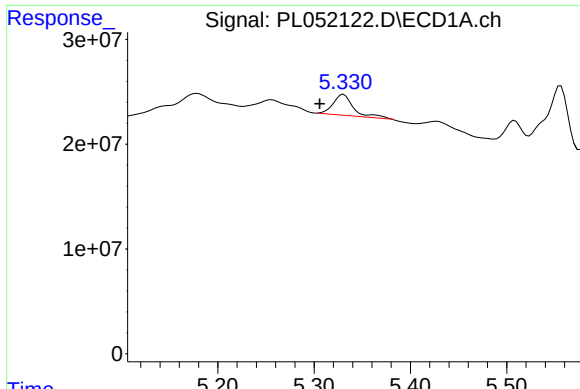
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.975 min  
Response: 0  
Conc: N.D.



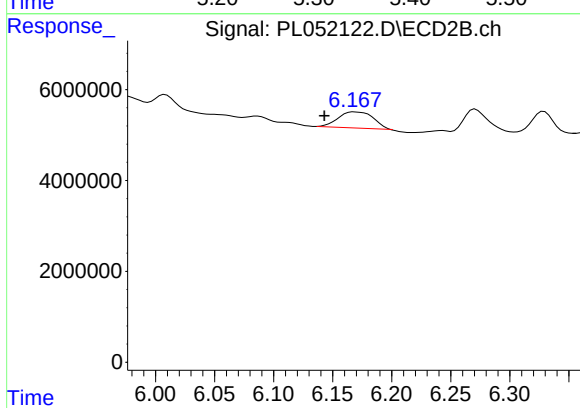
#8 Heptachlor epoxide

R.T.: 5.776 min  
Delta R.T.: -0.011 min  
Response: 21128766  
Conc: 6.26 ng/ml



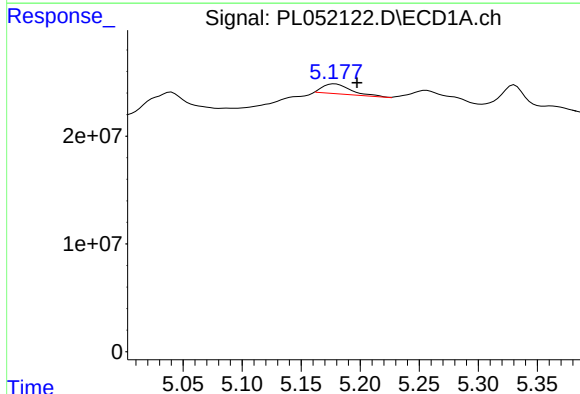
#9 Endosulfan I

R.T.: 5.331 min  
Delta R.T.: 0.025 min  
Response: 28075138  
Conc: 2.09 ng/ml



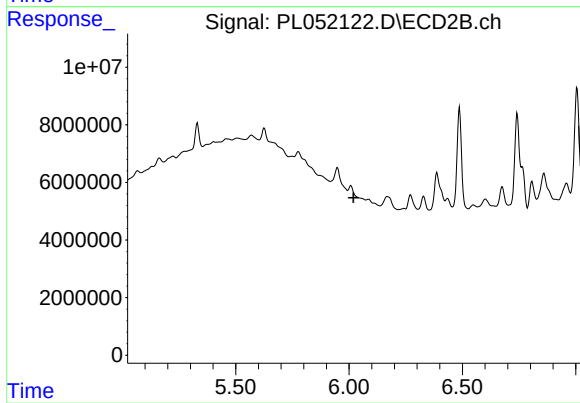
#9 Endosulfan I

R.T.: 6.168 min  
Delta R.T.: 0.025 min  
Response: 6703696  
Conc: 2.07 ng/ml



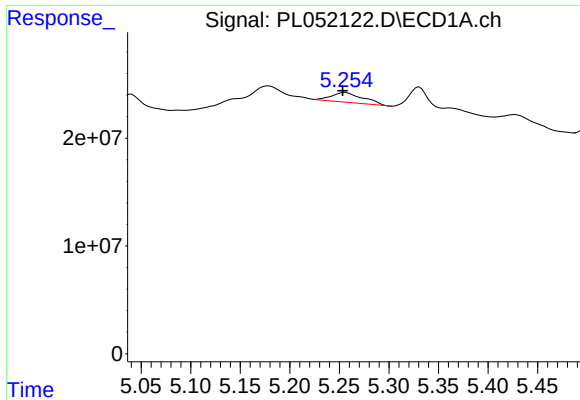
#10 gamma-Chlordane

R.T.: 5.179 min  
Delta R.T.: -0.019 min  
Response: 15395502  
Conc: 1.03 ng/ml



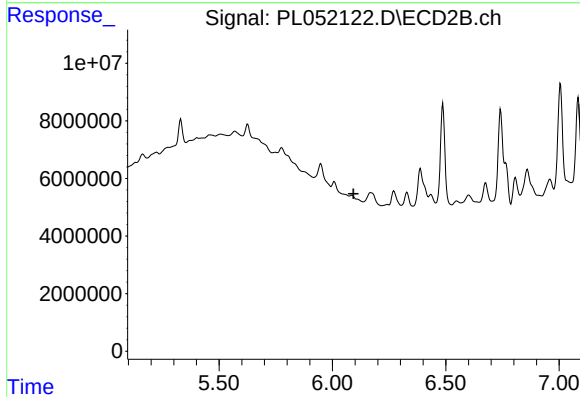
#10 gamma-Chlordane

R.T.: 6.008 min  
Delta R.T.: -0.012 min  
Response: -691437  
Conc: N.D.



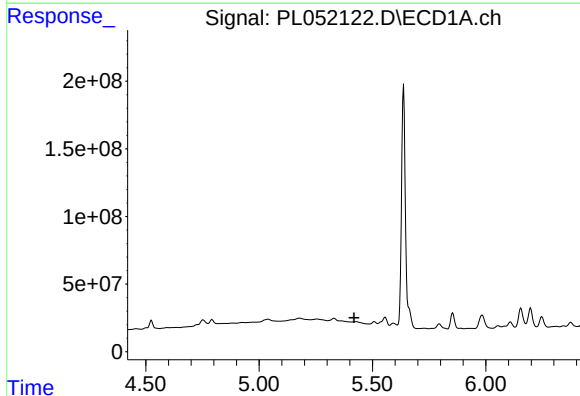
#11 alpha-Chlordane

R.T.: 5.256 min  
Delta R.T.: 0.002 min  
Response: 20503242  
Conc: 1.42 ng/ml



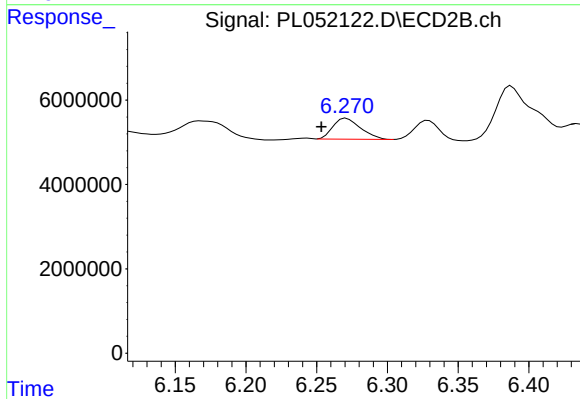
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.093 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

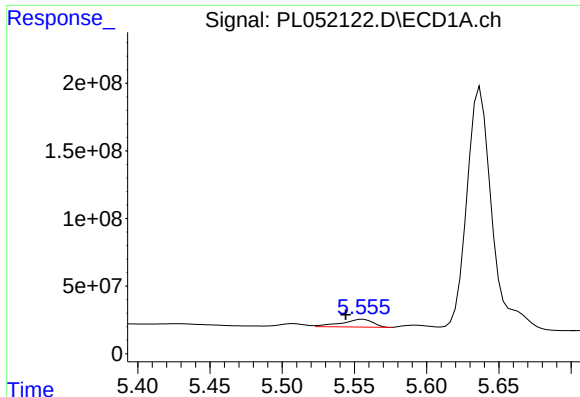
R.T.: 0.000 min  
Exp R.T. : 5.419 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

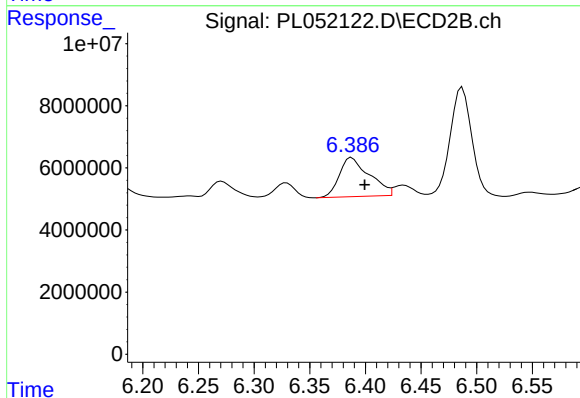
R.T.: 6.271 min  
Delta R.T.: 0.017 min  
Response: 6742606  
Conc: 1.92 ng/ml





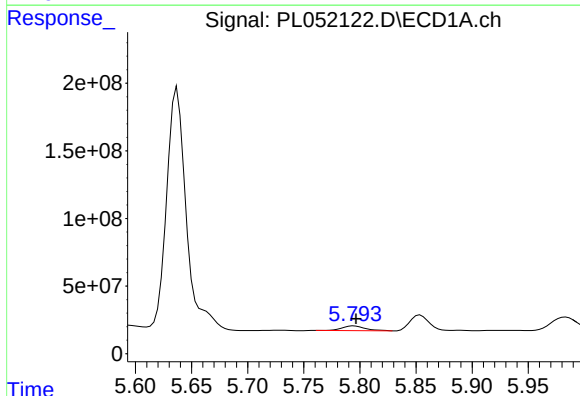
#13 Dieldrin

R.T.: 5.556 min  
Delta R.T.: 0.012 min  
Response: 87071483  
Conc: 5.73 ng/ml



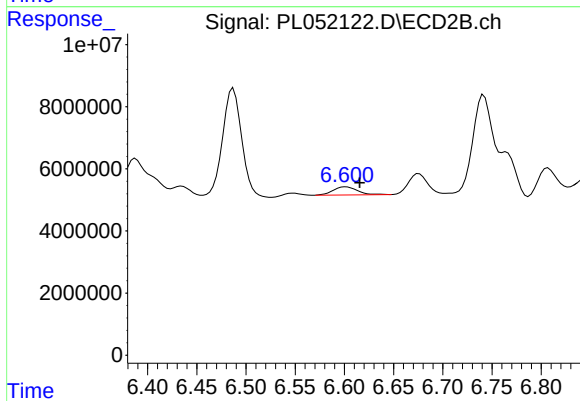
#13 Dieldrin

R.T.: 6.388 min  
Delta R.T.: -0.012 min  
Response: 23552041  
Conc: 6.88 ng/ml



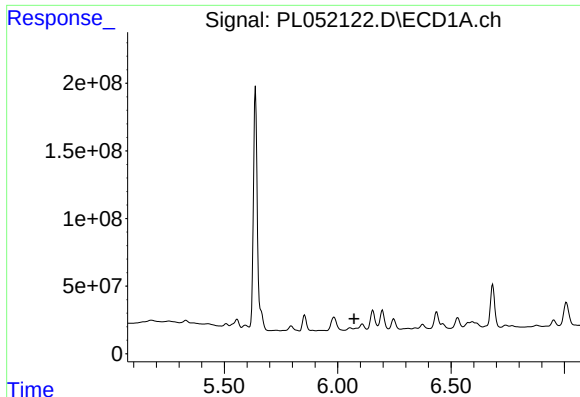
#14 Endrin

R.T.: 5.795 min  
Delta R.T.: -0.002 min  
Response: 49645451  
Conc: 3.40 ng/ml



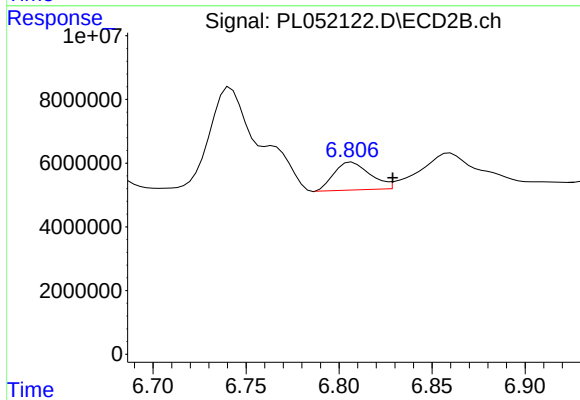
#14 Endrin

R.T.: 6.601 min  
Delta R.T.: -0.014 min  
Response: 4518956  
Conc: 1.49 ng/ml



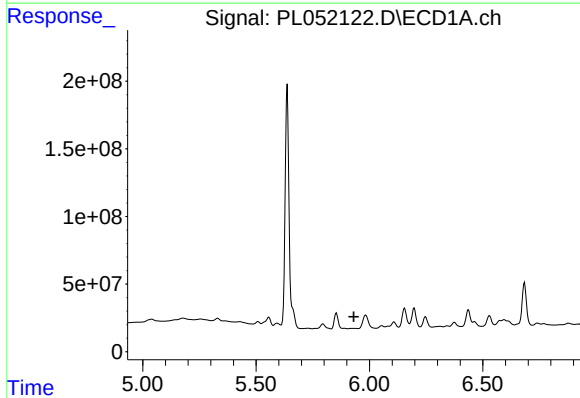
#15 Endosulfan II

R.T.: 6.054 min  
Delta R.T.: -0.018 min  
Response: -5490215  
Conc: N.D.



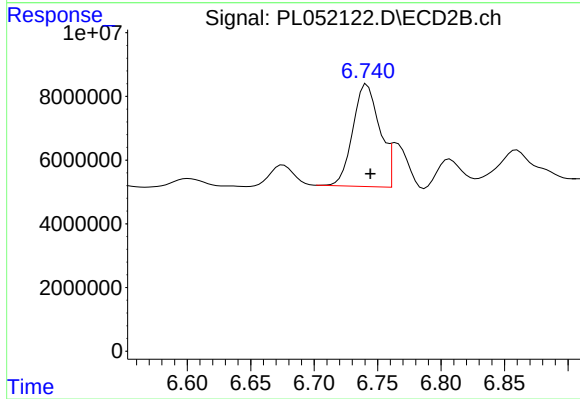
#15 Endosulfan II

R.T.: 6.807 min  
Delta R.T.: -0.022 min  
Response: 11796404  
Conc: 3.58 ng/ml



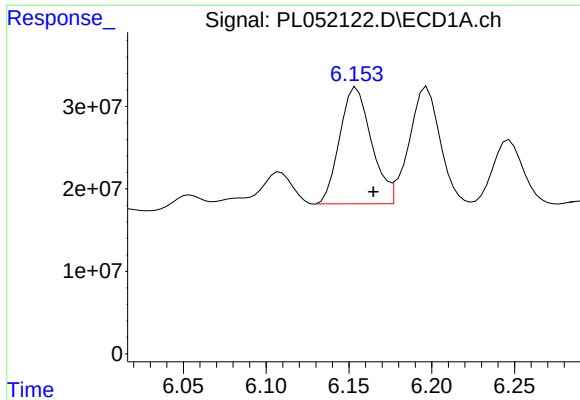
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 5.931 min  
Response: 0  
Conc: N.D.



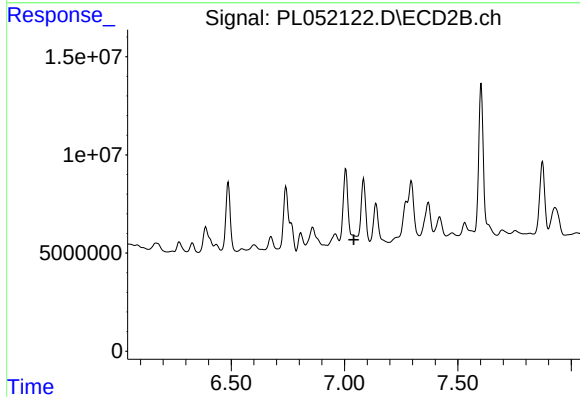
#16 4,4'-DDD

R.T.: 6.742 min  
Delta R.T.: -0.003 min  
Response: 47178567  
Conc: 17.43 ng/ml



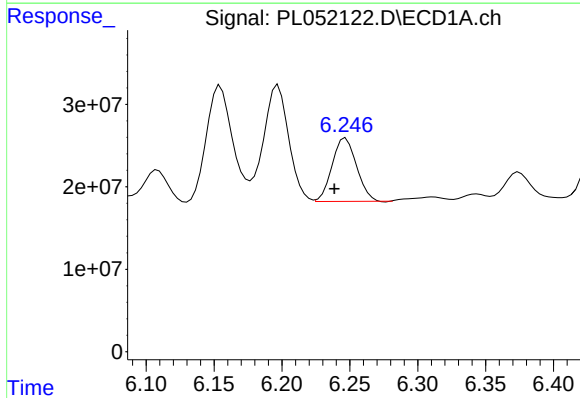
#17 4,4'-DDT

R.T.: 6.155 min  
Delta R.T.: -0.010 min  
Response: 188262851  
Conc: 14.76 ng/ml



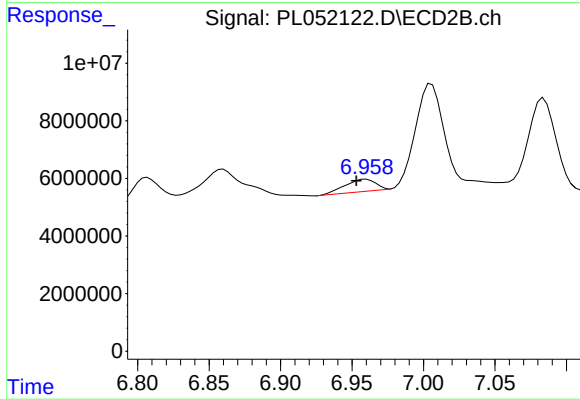
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 7.041 min  
Response: 0  
Conc: N.D.



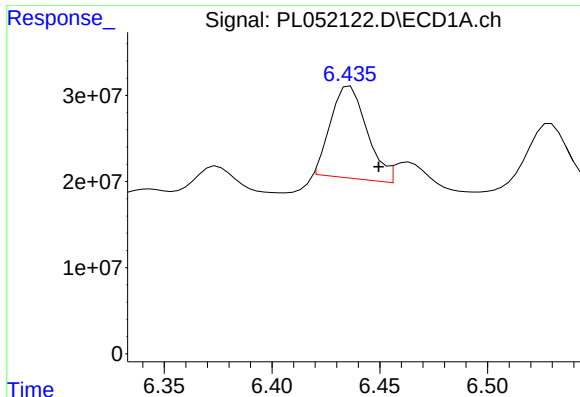
#18 Endrin aldehyde

R.T.: 6.247 min  
Delta R.T.: 0.008 min  
Response: 96061775  
Conc: 8.26 ng/ml



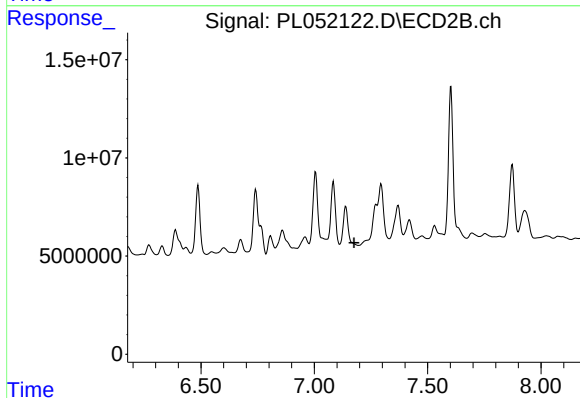
#18 Endrin aldehyde

R.T.: 6.960 min  
Delta R.T.: 0.007 min  
Response: 6313608  
Conc: 2.23 ng/ml



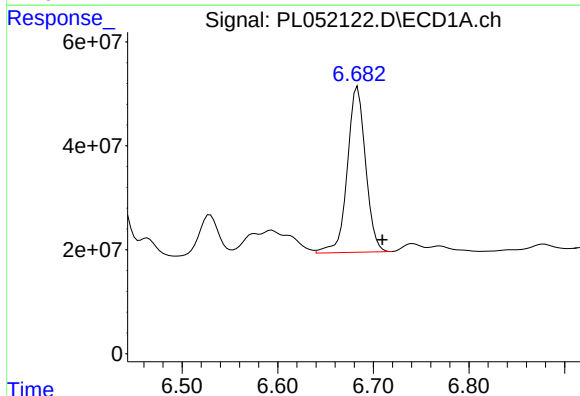
#19 Endosulfan Sulfate

R.T.: 6.436 min  
Delta R.T.: -0.013 min  
Response: 124452005  
Conc: 9.57 ng/ml



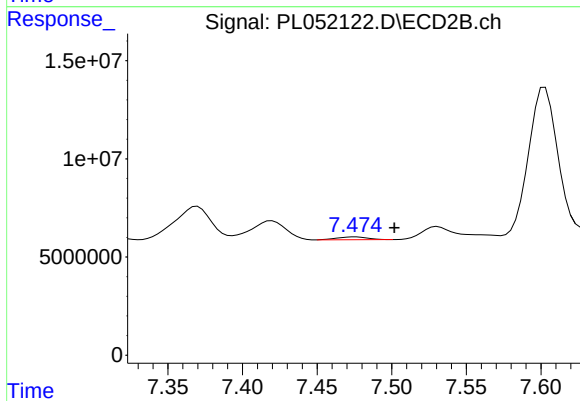
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 7.176 min  
Response: 0  
Conc: N.D.



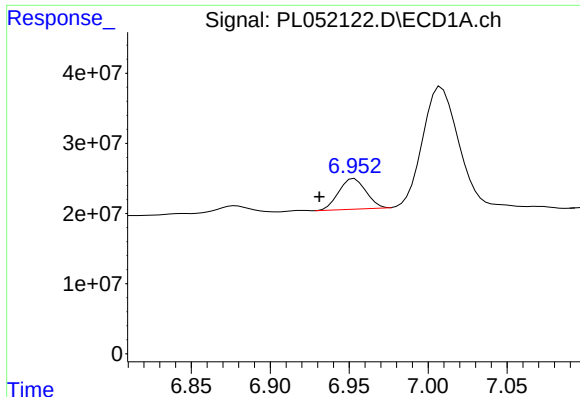
#20 Methoxychlor

R.T.: 6.684 min  
Delta R.T.: -0.026 min  
Response: 423636280  
Conc: 62.49 ng/ml



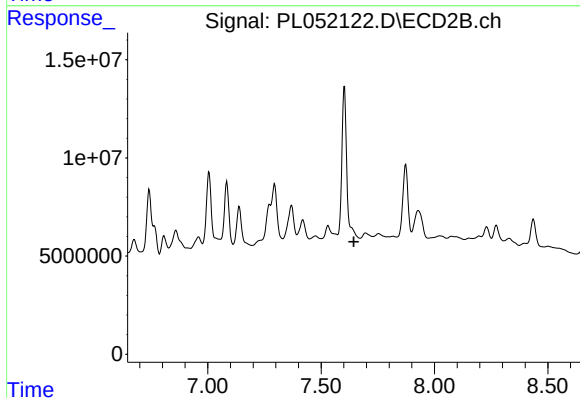
#20 Methoxychlor

R.T.: 7.475 min  
Delta R.T.: -0.027 min  
Response: 2045711  
Conc: 1.22 ng/ml



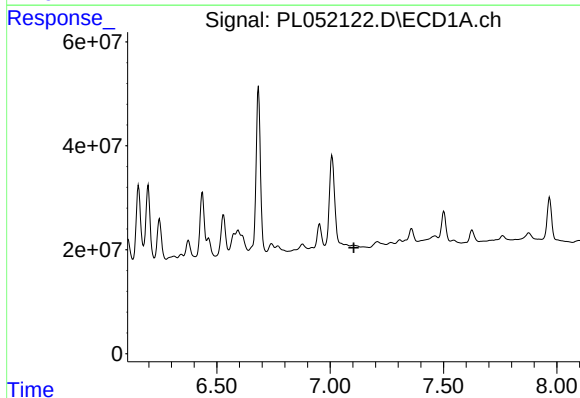
#21 Endrin ketone

R.T.: 6.953 min  
Delta R.T.: 0.022 min  
Response: 52162768  
Conc: 3.69 ng/ml



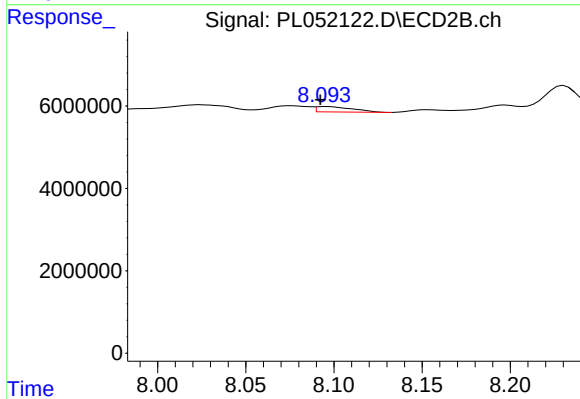
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.644 min  
Response: 0  
Conc: N.D.



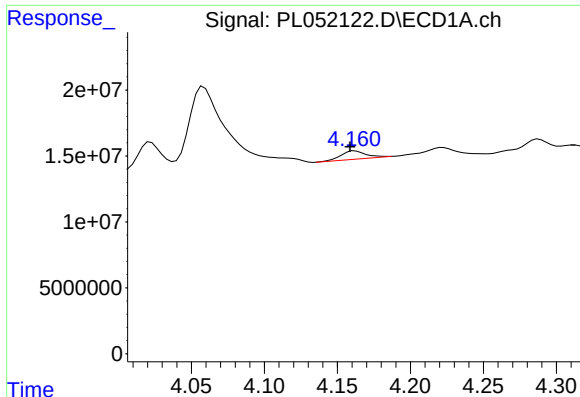
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.104 min  
Response: 0  
Conc: N.D.



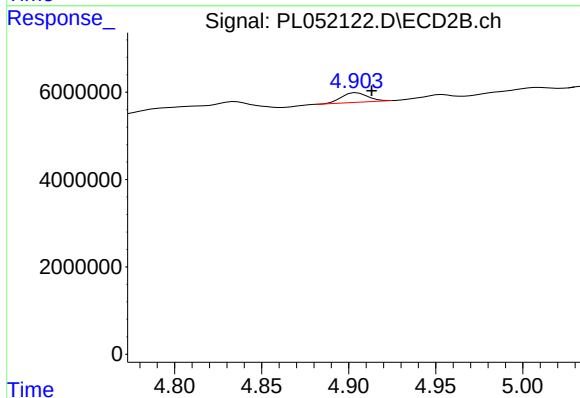
#22 Mirex

R.T.: 8.096 min  
Delta R.T.: 0.004 min  
Response: 1870751  
Conc: 0.77 ng/ml



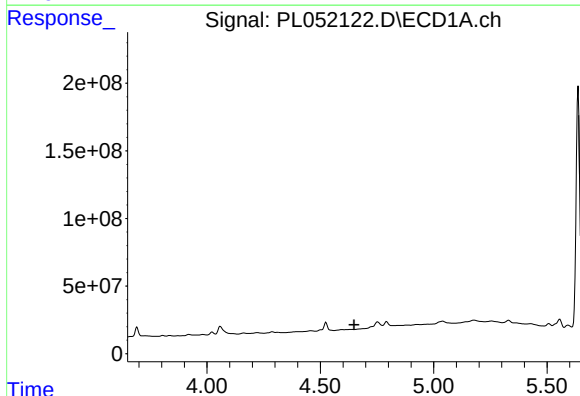
#23 Chlordane-1

R.T.: 4.162 min  
Delta R.T.: 0.003 min  
Response: 7547239  
Conc: 23.43 ng/ml



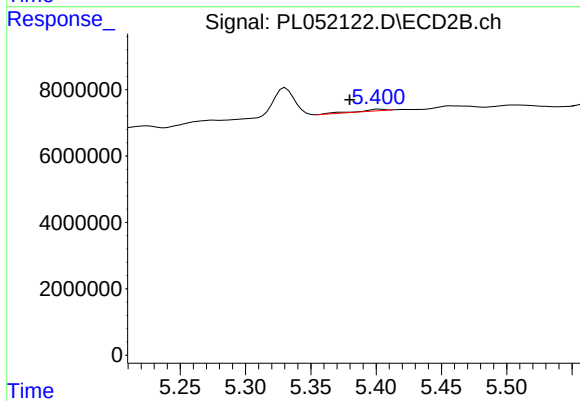
#23 Chlordane-1

R.T.: 4.905 min  
Delta R.T.: -0.009 min  
Response: 2311687  
Conc: 25.49 ng/ml



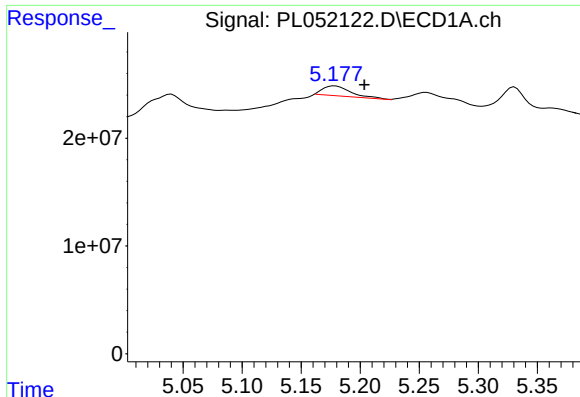
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.649 min  
Response: 0  
Conc: N.D.



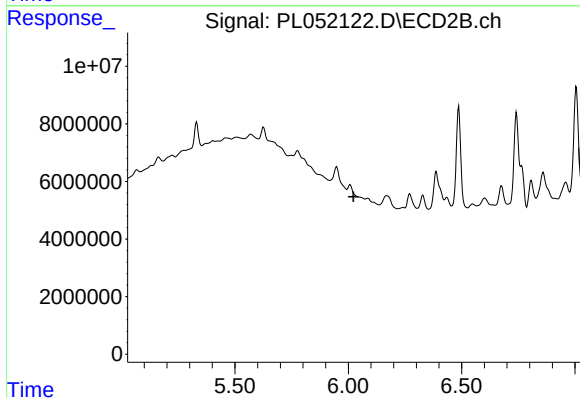
#24 Chlordane-2

R.T.: 5.403 min  
Delta R.T.: 0.023 min  
Response: 690875  
Conc: 6.88 ng/ml



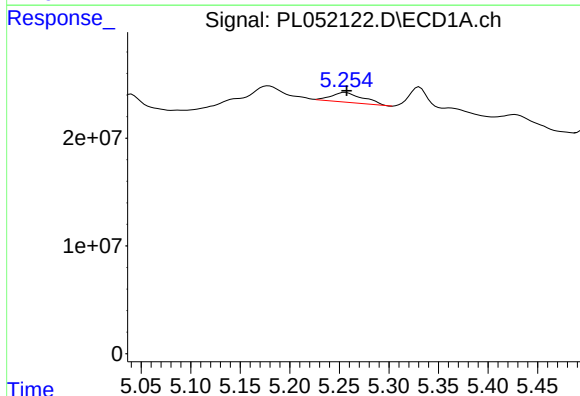
#25 Chlordane-3

R.T.: 5.179 min  
Delta R.T.: -0.025 min  
Response: 15395502  
Conc: 11.86 ng/ml



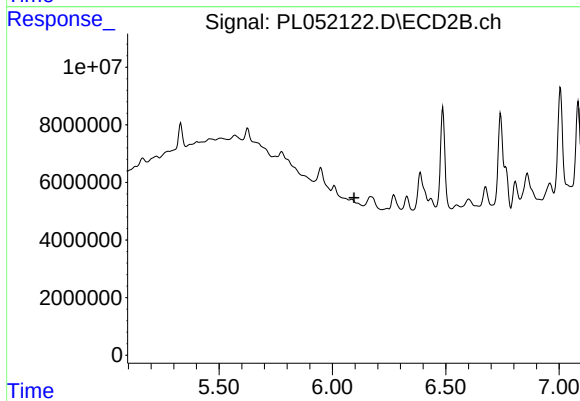
#25 Chlordane-3

R.T.: 6.008 min  
Delta R.T.: -0.015 min  
Response: -691437  
Conc: N.D.



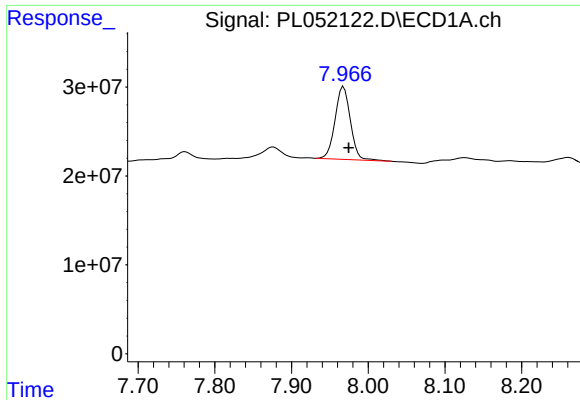
#26 Chlordane-4

R.T.: 5.256 min  
Delta R.T.: -0.002 min  
Response: 20503242  
Conc: 16.81 ng/ml



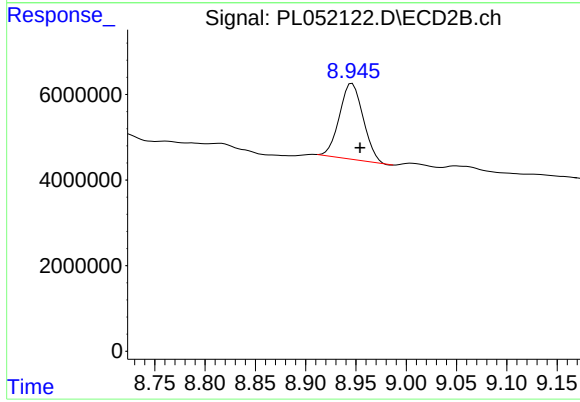
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 6.096 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.968 min  
Delta R.T.: -0.007 min  
Response: 113254025  
Conc: 9.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.946 min  
Delta R.T.: -0.008 min  
Response: 29178376  
Conc: 9.59 ng/ml