

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051220\  
 Data File : PL058650.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 May 2020 01:44  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 13 05:07:35 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 13 04:39:44 2020  
 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

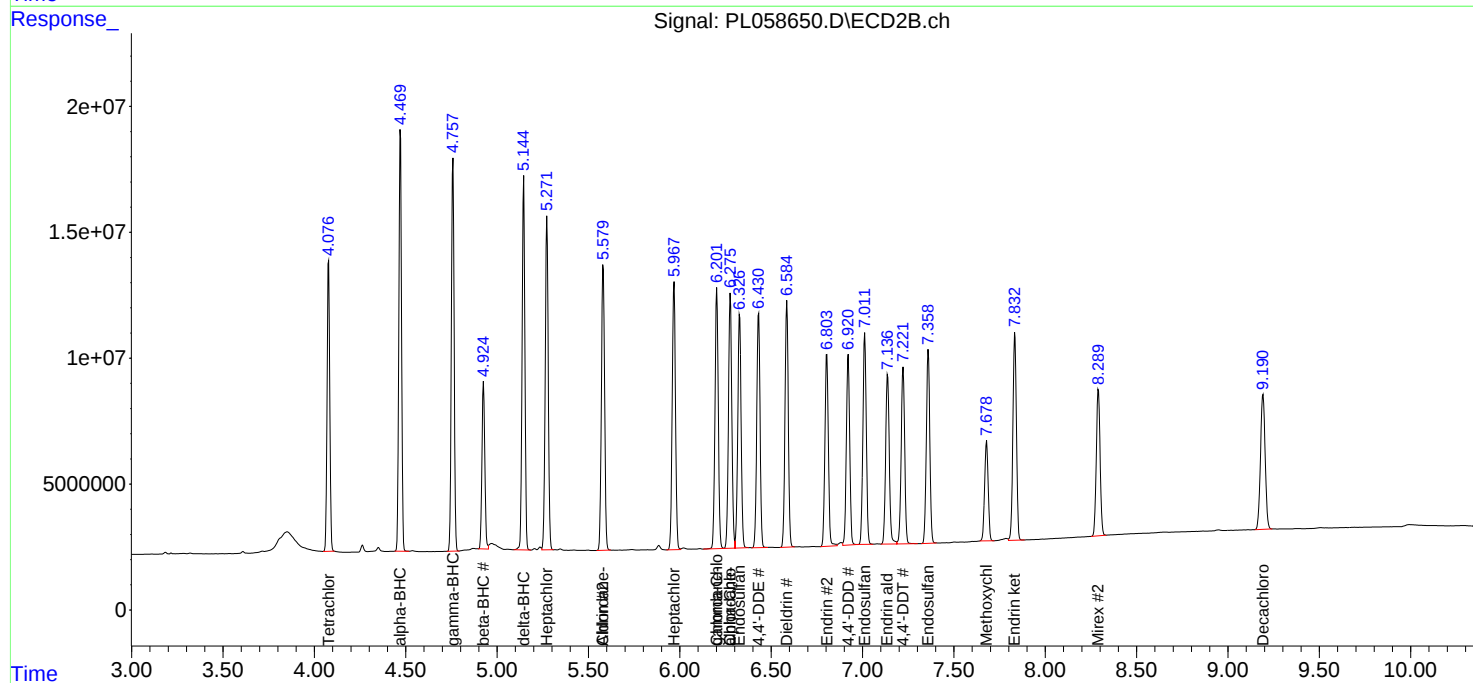
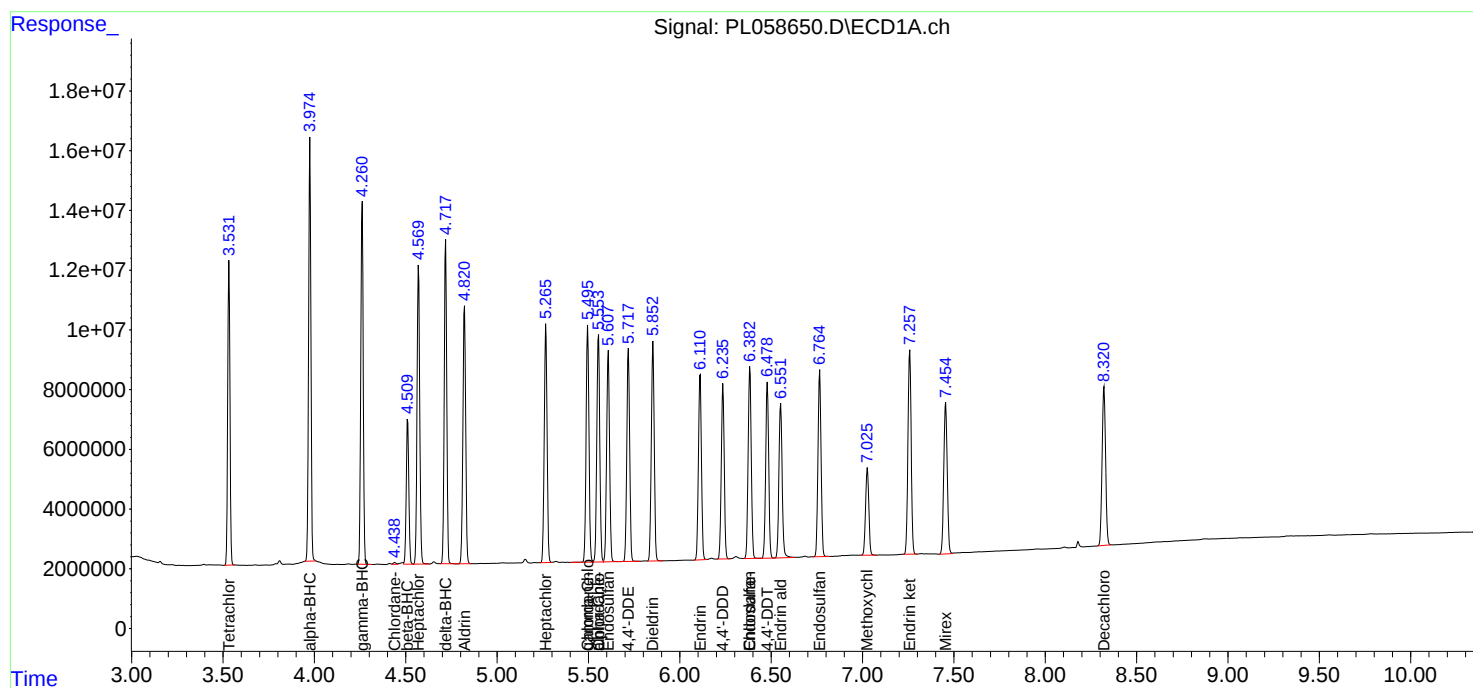
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.533  | 4.078  | 87115398 | 118.1E6  | 53.027   | 54.562     |
| 2)                          | SA Decachlor... | 8.321  | 9.191  | 71095296 | 95294308 | 54.447   | 53.921     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.976  | 4.471  | 125.8E6  | 172.0E6  | 54.627   | 56.171     |
| 3)                          | MA gamma-BHC... | 4.262  | 4.758  | 112.4E6  | 163.5E6  | 54.790   | 55.782     |
| 4)                          | MA Heptachlor   | 4.570  | 5.273  | 103.1E6  | 153.4E6  | 54.551   | 54.735     |
| 5)                          | MB Aldrin       | 4.821  | 5.581  | 91421648 | 138.2E6  | 54.913   | 55.495     |
| 6)                          | B beta-BHC      | 4.511  | 4.926  | 47159411 | 71950169 | 53.197   | 54.246     |
| 7)                          | B delta-BHC     | 4.718  | 5.145  | 102.9E6  | 157.9E6  | 55.318   | 55.630     |
| 8)                          | B Heptachlo...  | 5.267  | 5.968  | 85974261 | 131.7E6  | 54.715   | 54.825     |
| 9)                          | A Endosulfan I  | 5.609  | 6.327  | 79039359 | 118.9E6  | 54.560   | 55.243     |
| 10)                         | B gamma-Chl...  | 5.496  | 6.202  | 85473482 | 129.2E6  | 55.013   | 55.013     |
| 11)                         | B alpha-Chl...  | 5.555  | 6.276  | 85216751 | 129.1E6  | 54.735   | 55.078     |
| 12)                         | B 4,4'-DDE      | 5.719  | 6.431  | 77432334 | 116.7E6  | 55.558   | 55.903     |
| 13)                         | MA Dieldrin     | 5.853  | 6.586  | 82095373 | 121.5E6  | 55.126   | 55.382     |
| 14)                         | MA Endrin       | 6.111  | 6.804  | 71306368 | 100.3E6  | 54.885   | 55.322     |
| 15)                         | B Endosulfa...  | 6.383  | 7.012  | 75511425 | 107.7E6  | 54.755   | 53.926     |
| 16)                         | A 4,4'-DDD      | 6.236  | 6.922  | 66001623 | 97300725 | 55.963   | 55.600     |
| 17)                         | MA 4,4'-DDT     | 6.479  | 7.222  | 67584462 | 93524759 | 55.385   | 55.255     |
| 18)                         | B Endrin al...  | 6.552  | 7.137  | 63693934 | 93484501 | 54.261   | 54.767     |
| 19)                         | B Endosulfa...  | 6.766  | 7.360  | 73281936 | 102.5E6  | 55.283   | 54.791     |
| 20)                         | A Methoxychlor  | 7.026  | 7.679  | 36345313 | 53784684 | 55.989   | 54.761     |
| 21)                         | B Endrin ke...  | 7.258  | 7.834  | 83217959 | 111.2E6  | 56.114   | 55.195     |
| 22)                         | Mirex           | 7.455  | 8.291  | 67289462 | 84237296 | 55.035   | 53.609     |
| 23)                         | Chlordane-1     | 4.439f | 0.000  | 736967   | 0        | 14.696   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.581f | 0        | 138.2E6  | N.D.     | 1617.036 # |
| 25)                         | Chlordane-3     | 5.496  | 6.202  | 85473482 | 129.2E6  | 610.942  | 426.662 #  |
| 26)                         | Chlordane-4     | 5.555  | 6.276  | 85216751 | 129.1E6  | 742.480  | 354.248 #  |
| 27)                         | Chlordane-5     | 6.383  | 0.000  | 75511425 | 0        | 1547.117 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

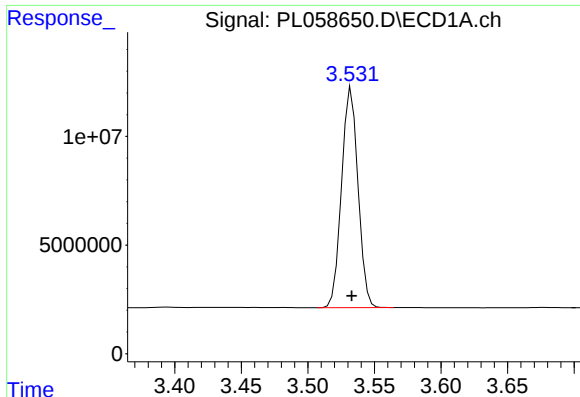
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051220\  
Data File : PL058650.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 May 2020 01:44  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 13 05:07:35 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
Quant Title : GC Extractables  
QLast Update : Wed May 13 04:39:44 2020  
Response via : Initial Calibration  
Integrator: ChemStation

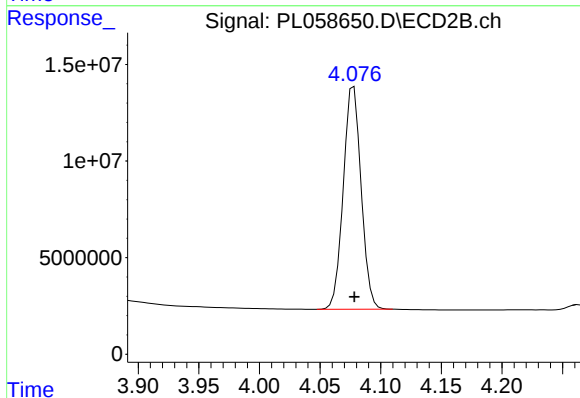
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





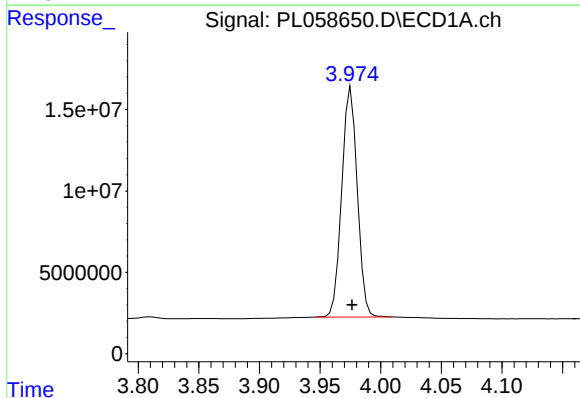
#1 Tetrachloro-m-xylene

R.T.: 3.533 min  
Delta R.T.: 0.000 min  
Response: 87115398  
Conc: 53.03 ng/ml



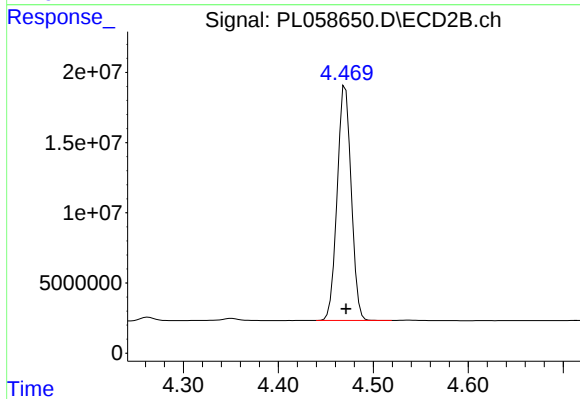
#1 Tetrachloro-m-xylene

R.T.: 4.078 min  
Delta R.T.: 0.000 min  
Response: 118104839  
Conc: 54.56 ng/ml



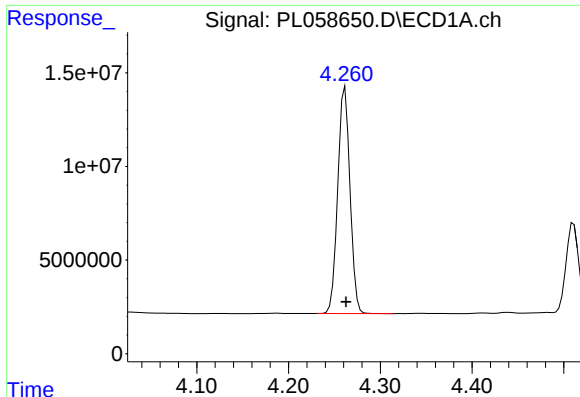
#2 alpha-BHC

R.T.: 3.976 min  
Delta R.T.: 0.000 min  
Response: 125755882  
Conc: 54.63 ng/ml



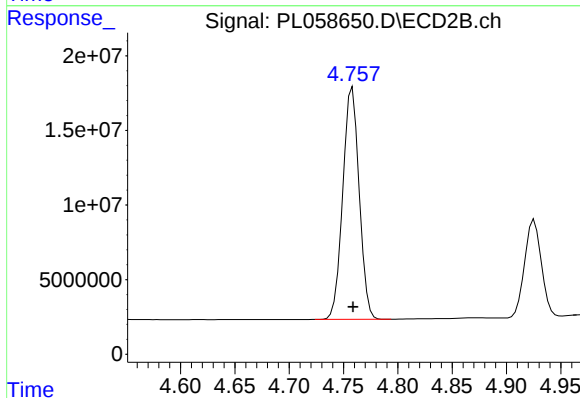
#2 alpha-BHC

R.T.: 4.471 min  
Delta R.T.: 0.000 min  
Response: 171991001  
Conc: 56.17 ng/ml



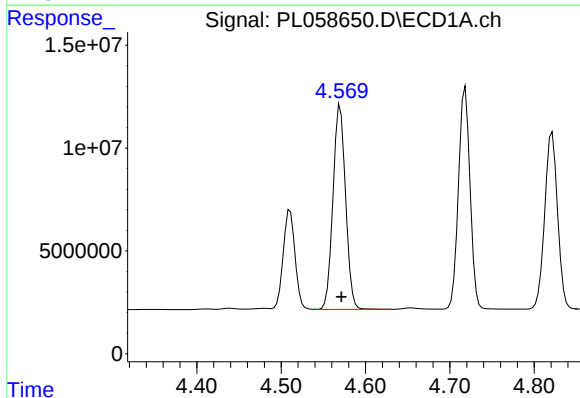
#3 gamma-BHC (Lindane)

R.T.: 4.262 min  
Delta R.T.: -0.001 min  
Response: 112409550  
Conc: 54.79 ng/ml



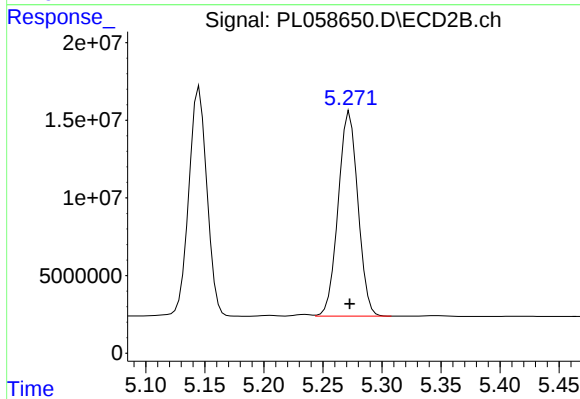
#3 gamma-BHC (Lindane)

R.T.: 4.758 min  
Delta R.T.: 0.000 min  
Response: 163541645  
Conc: 55.78 ng/ml



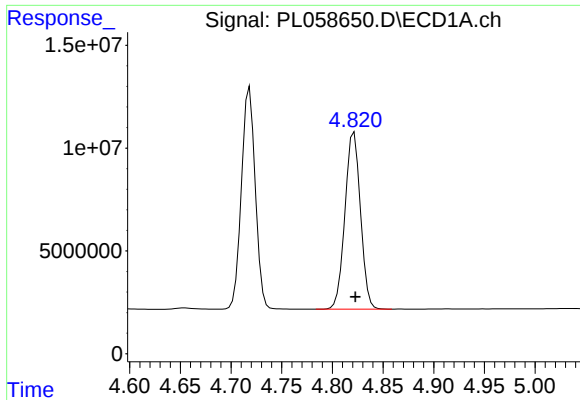
#4 Heptachlor

R.T.: 4.570 min  
Delta R.T.: -0.001 min  
Response: 103059008  
Conc: 54.55 ng/ml



#4 Heptachlor

R.T.: 5.273 min  
Delta R.T.: 0.000 min  
Response: 153391996  
Conc: 54.73 ng/ml



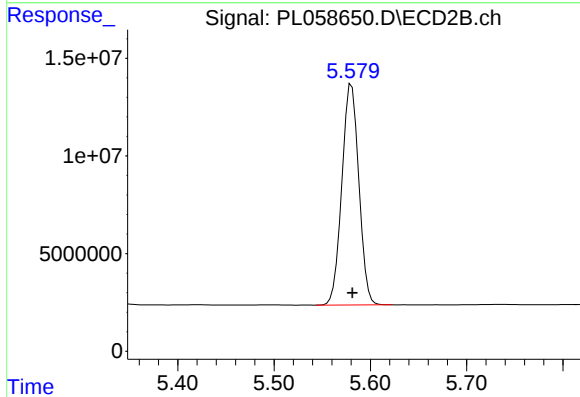
#5 Aldrin

R.T.: 4.821 min

Delta R.T.: -0.001 min

Response: 91421648

Conc: 54.91 ng/ml



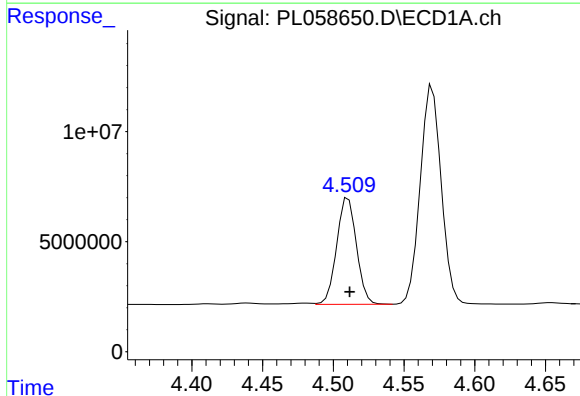
#5 Aldrin

R.T.: 5.581 min

Delta R.T.: 0.000 min

Response: 138184258

Conc: 55.50 ng/ml



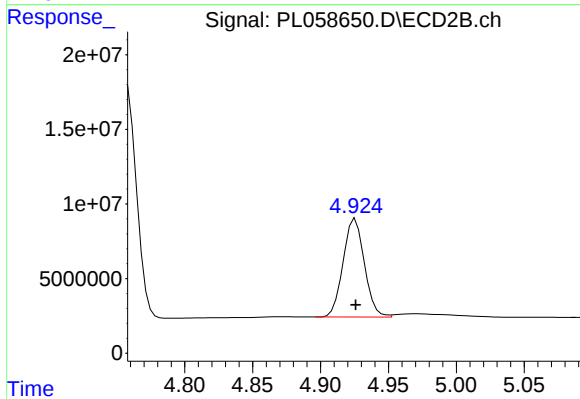
#6 beta-BHC

R.T.: 4.511 min

Delta R.T.: 0.000 min

Response: 47159411

Conc: 53.20 ng/ml



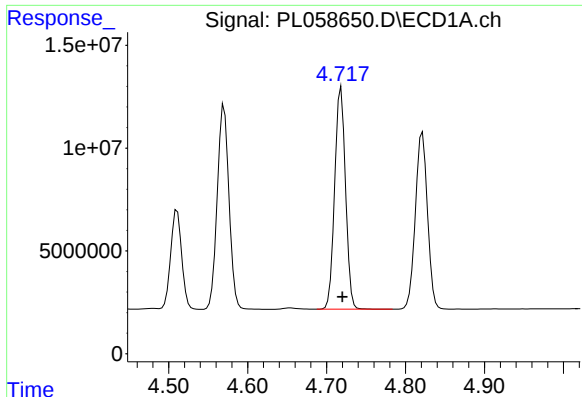
#6 beta-BHC

R.T.: 4.926 min

Delta R.T.: 0.000 min

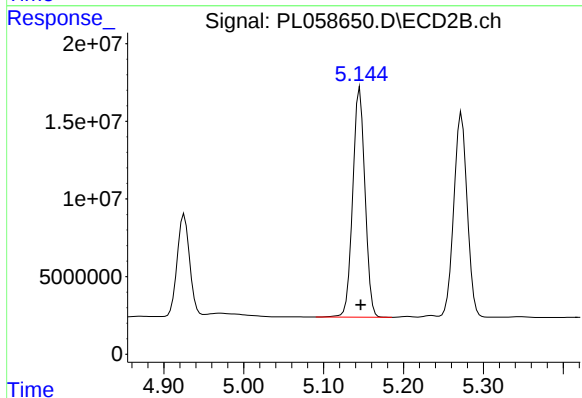
Response: 71950169

Conc: 54.25 ng/ml



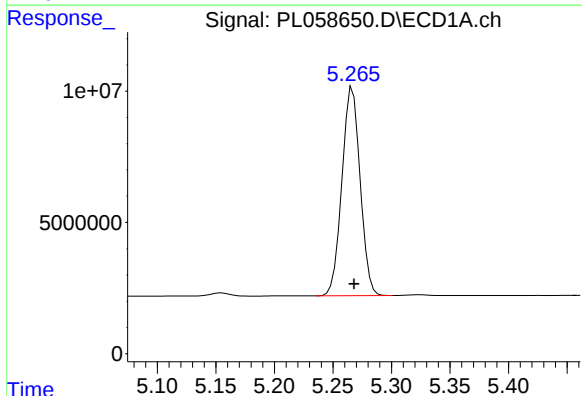
#7 delta-BHC

R.T.: 4.718 min  
Delta R.T.: -0.002 min  
Response: 102875207  
Conc: 55.32 ng/ml



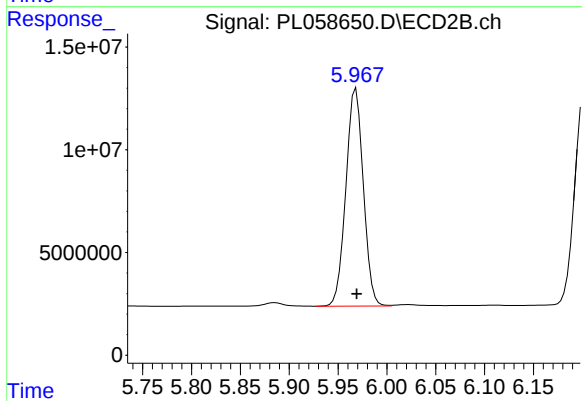
#7 delta-BHC

R.T.: 5.145 min  
Delta R.T.: 0.000 min  
Response: 157853938  
Conc: 55.63 ng/ml



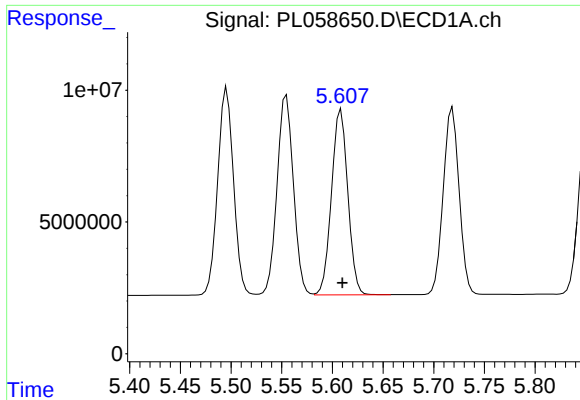
#8 Heptachlor epoxide

R.T.: 5.267 min  
Delta R.T.: -0.001 min  
Response: 85974261  
Conc: 54.72 ng/ml



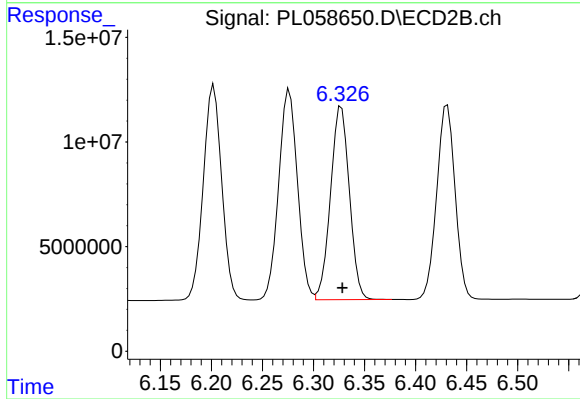
#8 Heptachlor epoxide

R.T.: 5.968 min  
Delta R.T.: 0.000 min  
Response: 131651908  
Conc: 54.82 ng/ml



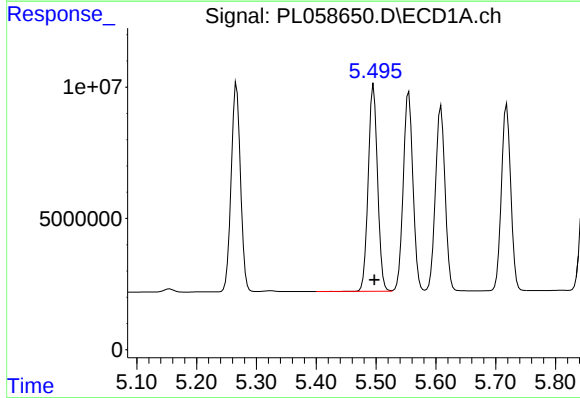
#9 Endosulfan I

R.T.: 5.609 min  
Delta R.T.: -0.001 min  
Response: 79039359  
Conc: 54.56 ng/ml



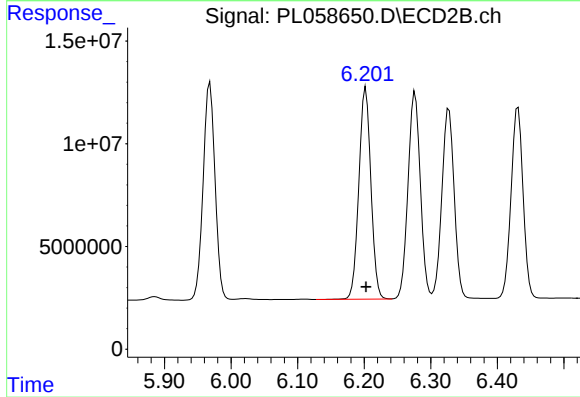
#9 Endosulfan I

R.T.: 6.327 min  
Delta R.T.: -0.001 min  
Response: 118883795  
Conc: 55.24 ng/ml



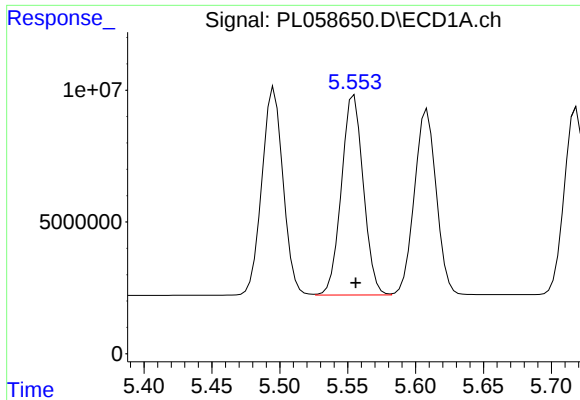
#10 gamma-Chlordane

R.T.: 5.496 min  
Delta R.T.: -0.001 min  
Response: 85473482  
Conc: 55.01 ng/ml



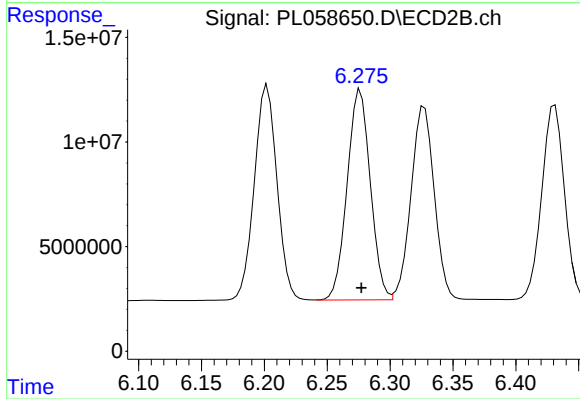
#10 gamma-Chlordane

R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 129229267  
Conc: 55.01 ng/ml



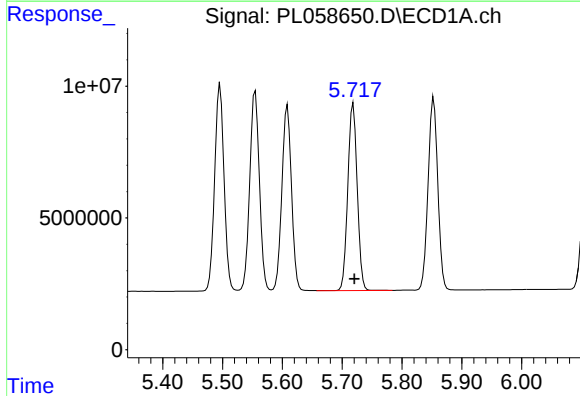
#11 alpha-Chlordane

R.T.: 5.555 min  
Delta R.T.: -0.001 min  
Response: 85216751  
Conc: 54.73 ng/ml



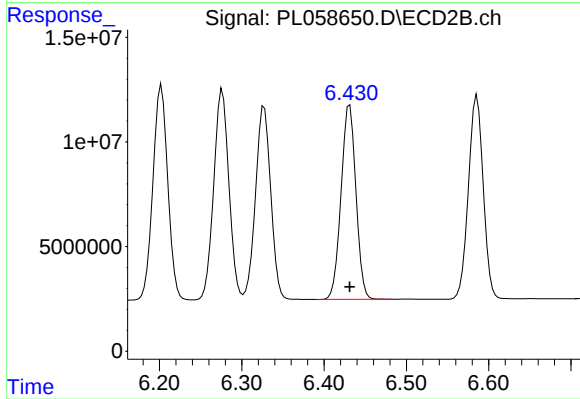
#11 alpha-Chlordane

R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 129109642  
Conc: 55.08 ng/ml



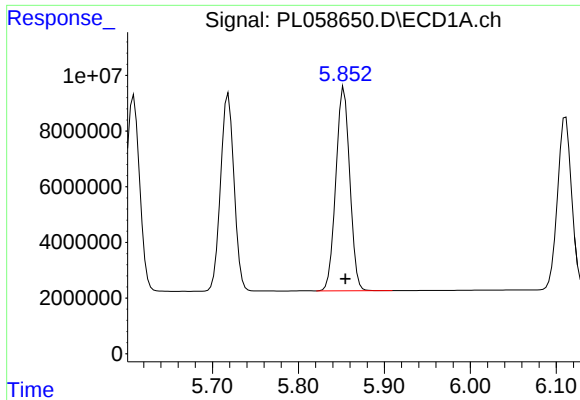
#12 4,4'-DDE

R.T.: 5.719 min  
Delta R.T.: -0.002 min  
Response: 77432334  
Conc: 55.56 ng/ml



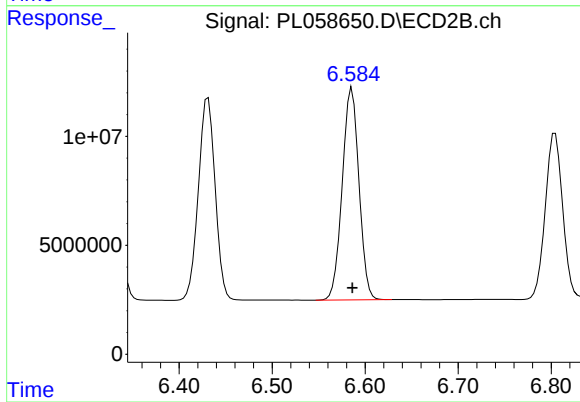
#12 4,4'-DDE

R.T.: 6.431 min  
Delta R.T.: 0.000 min  
Response: 116743992  
Conc: 55.90 ng/ml



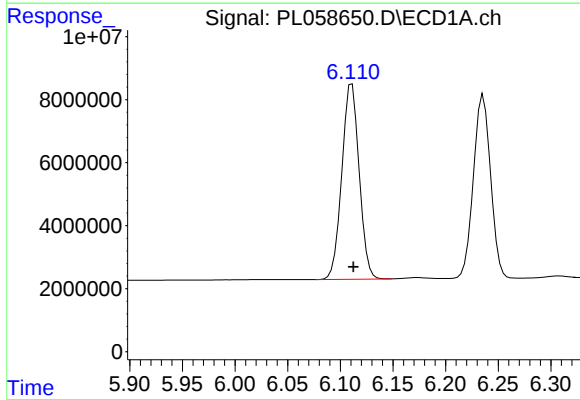
#13 Dieldrin

R.T.: 5.853 min  
Delta R.T.: -0.002 min  
Response: 82095373  
Conc: 55.13 ng/ml



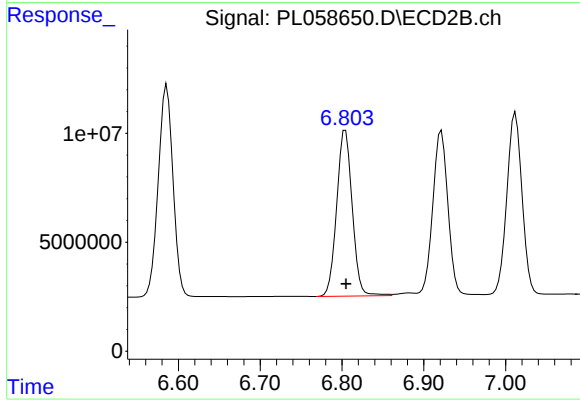
#13 Dieldrin

R.T.: 6.586 min  
Delta R.T.: 0.000 min  
Response: 121533685  
Conc: 55.38 ng/ml



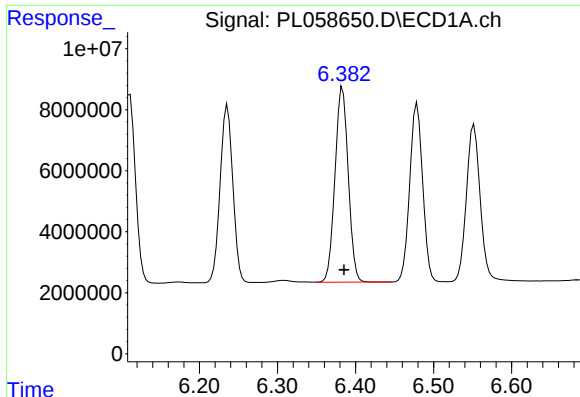
#14 Endrin

R.T.: 6.111 min  
Delta R.T.: -0.002 min  
Response: 71306368  
Conc: 54.89 ng/ml



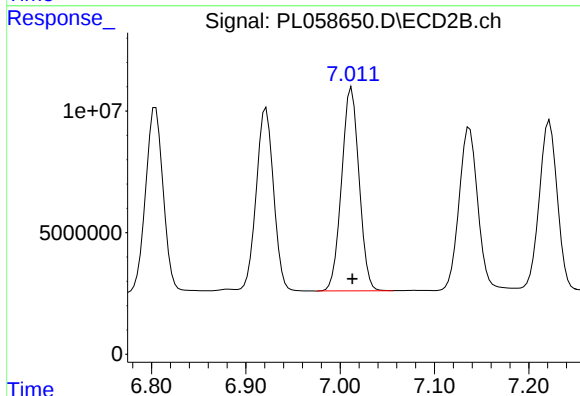
#14 Endrin

R.T.: 6.804 min  
Delta R.T.: 0.000 min  
Response: 100327890  
Conc: 55.32 ng/ml



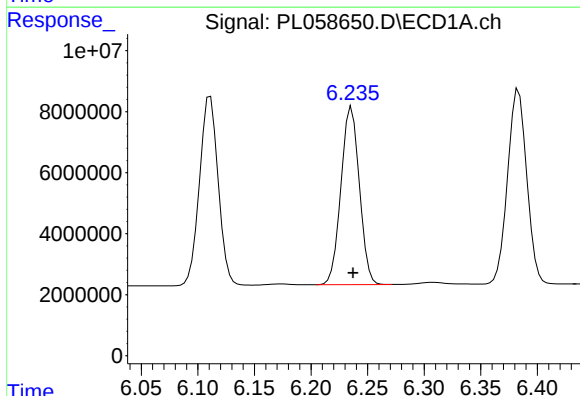
#15 Endosulfan II

R.T.: 6.383 min  
Delta R.T.: -0.002 min  
Response: 75511425  
Conc: 54.75 ng/ml



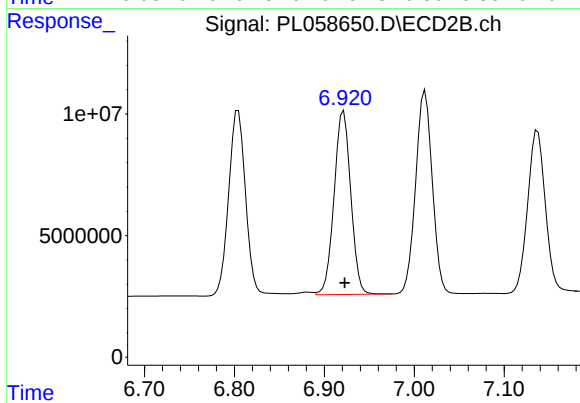
#15 Endosulfan II

R.T.: 7.012 min  
Delta R.T.: 0.000 min  
Response: 107691582  
Conc: 53.93 ng/ml



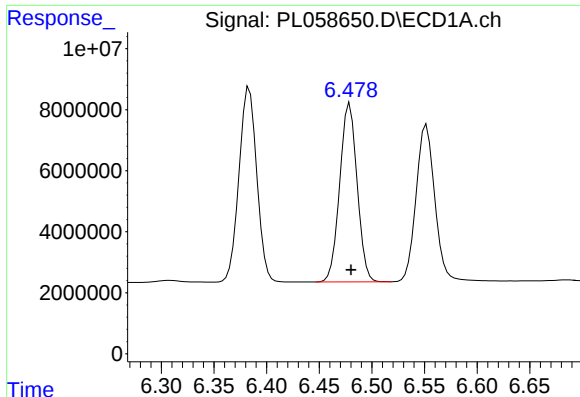
#16 4,4'-DDD

R.T.: 6.236 min  
Delta R.T.: -0.001 min  
Response: 66001623  
Conc: 55.96 ng/ml



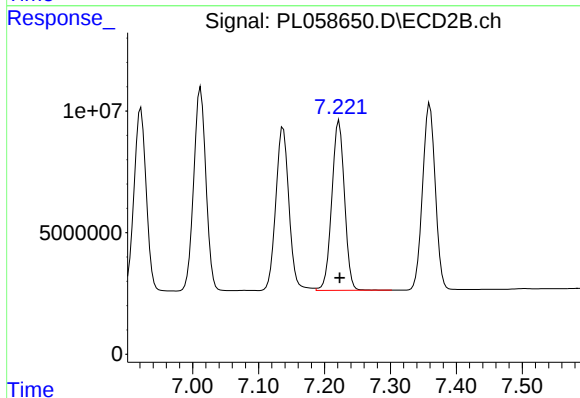
#16 4,4'-DDD

R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 97300725  
Conc: 55.60 ng/ml



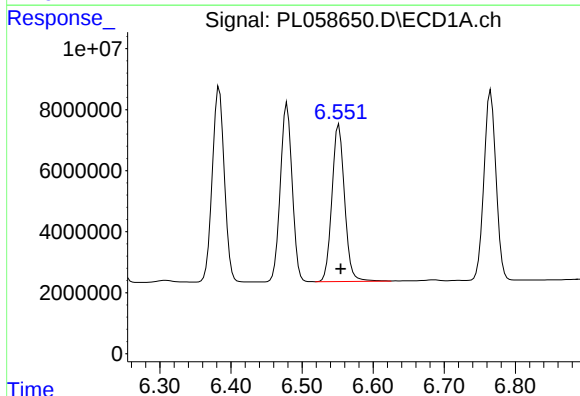
#17 4,4'-DDT

R.T.: 6.479 min  
Delta R.T.: -0.001 min  
Response: 67584462  
Conc: 55.39 ng/ml



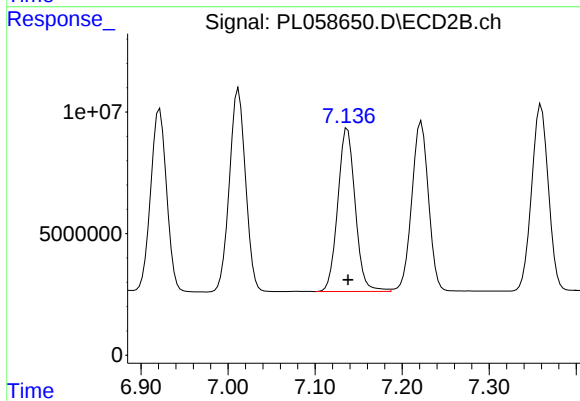
#17 4,4'-DDT

R.T.: 7.222 min  
Delta R.T.: 0.000 min  
Response: 93524759  
Conc: 55.26 ng/ml



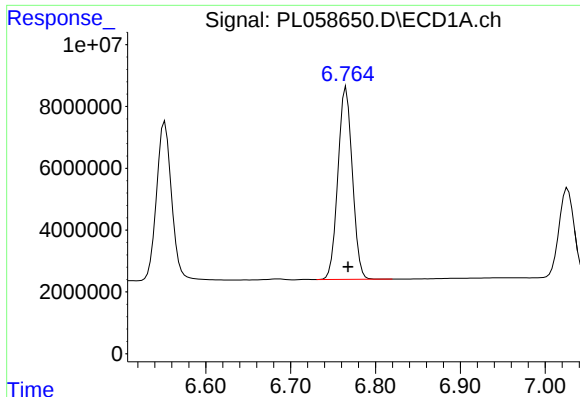
#18 Endrin aldehyde

R.T.: 6.552 min  
Delta R.T.: -0.002 min  
Response: 63693934  
Conc: 54.26 ng/ml



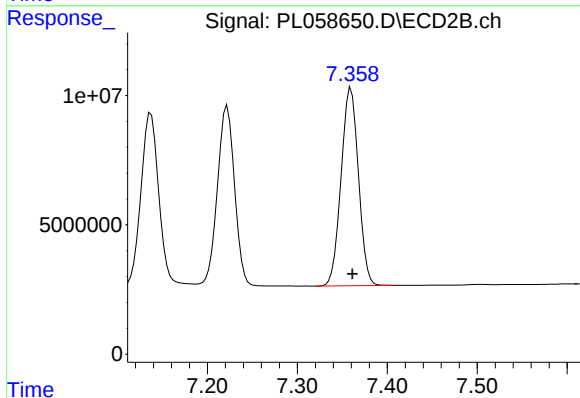
#18 Endrin aldehyde

R.T.: 7.137 min  
Delta R.T.: 0.000 min  
Response: 93484501  
Conc: 54.77 ng/ml



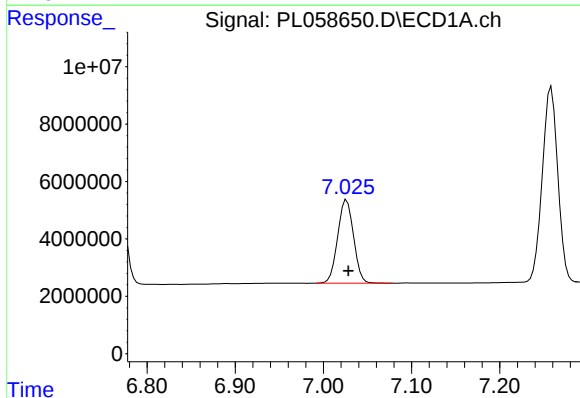
#19 Endosulfan Sulfate

R.T.: 6.766 min  
Delta R.T.: -0.002 min  
Response: 73281936  
Conc: 55.28 ng/ml



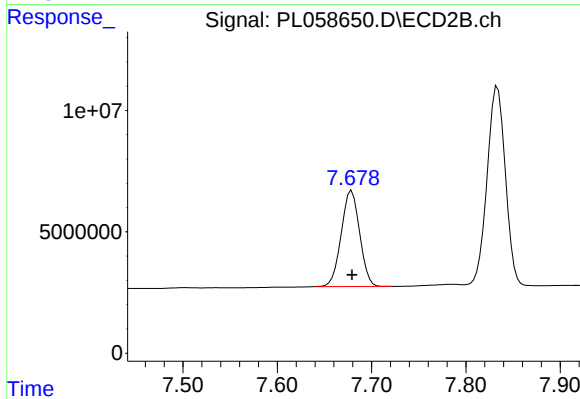
#19 Endosulfan Sulfate

R.T.: 7.360 min  
Delta R.T.: -0.001 min  
Response: 102541555  
Conc: 54.79 ng/ml



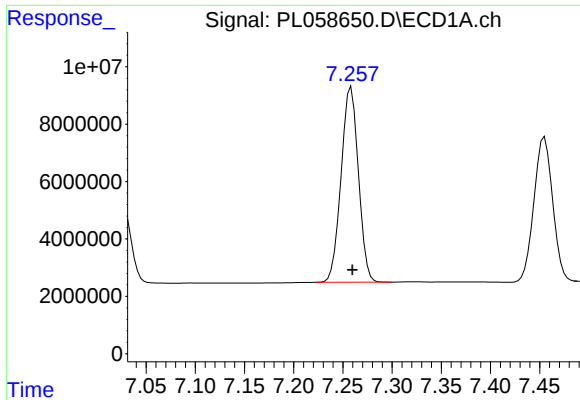
#20 Methoxychlor

R.T.: 7.026 min  
Delta R.T.: -0.002 min  
Response: 36345313  
Conc: 55.99 ng/ml



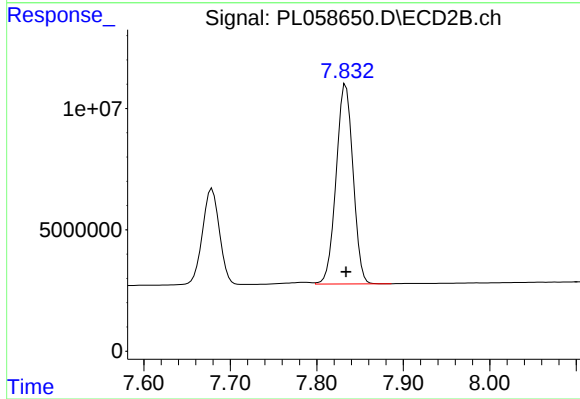
#20 Methoxychlor

R.T.: 7.679 min  
Delta R.T.: 0.000 min  
Response: 53784684  
Conc: 54.76 ng/ml



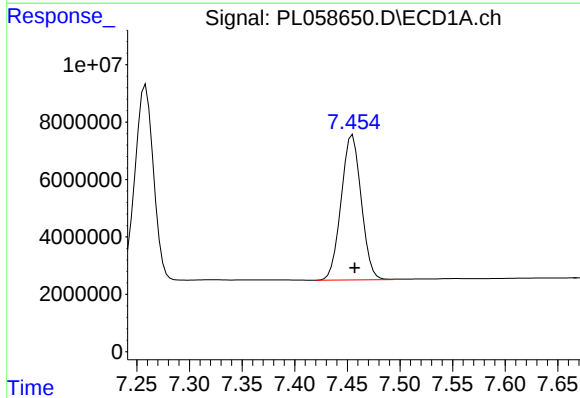
#21 Endrin ketone

R.T.: 7.258 min  
Delta R.T.: -0.001 min  
Response: 83217959  
Conc: 56.11 ng/ml



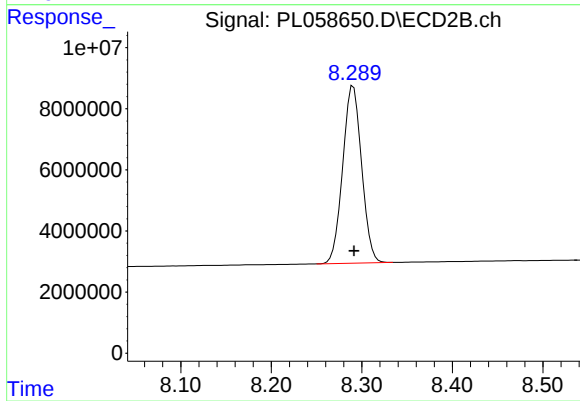
#21 Endrin ketone

R.T.: 7.834 min  
Delta R.T.: 0.000 min  
Response: 111185009  
Conc: 55.20 ng/ml



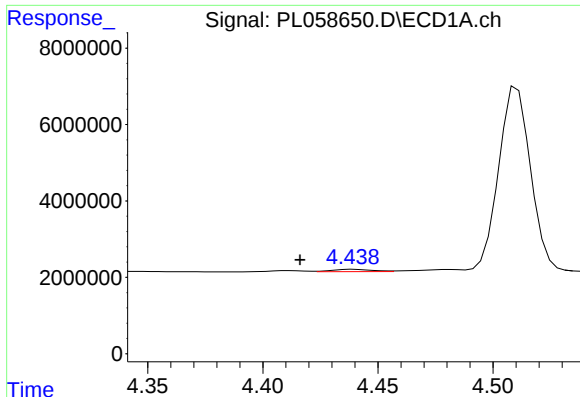
#22 Mirex

R.T.: 7.455 min  
Delta R.T.: -0.002 min  
Response: 67289462  
Conc: 55.04 ng/ml



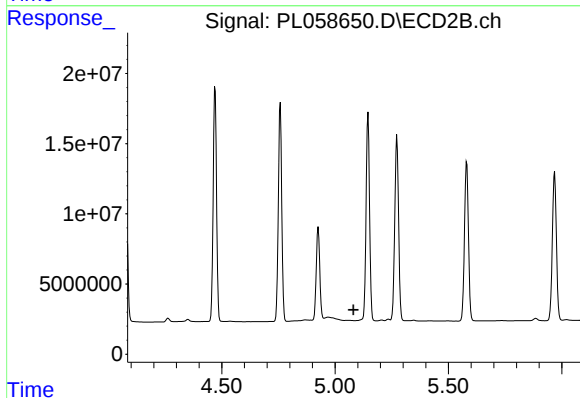
#22 Mirex

R.T.: 8.291 min  
Delta R.T.: -0.001 min  
Response: 84237296  
Conc: 53.61 ng/ml



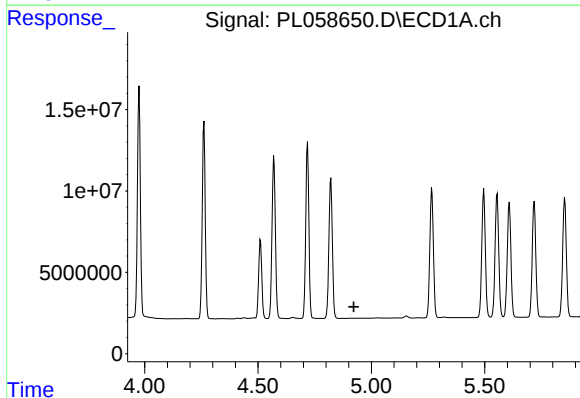
#23 Chlordane-1

R.T.: 4.439 min  
Delta R.T.: 0.023 min  
Response: 736967  
Conc: 14.70 ng/ml



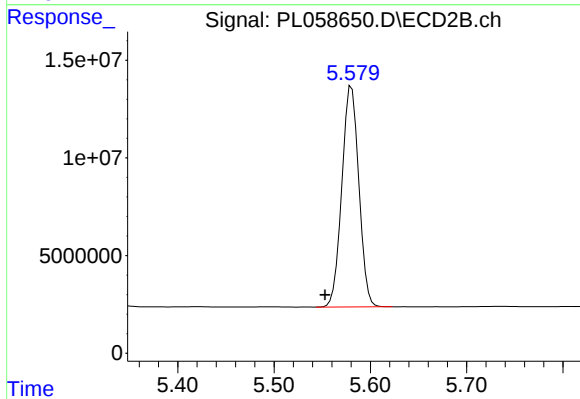
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.081 min  
Response: 0  
Conc: N.D.



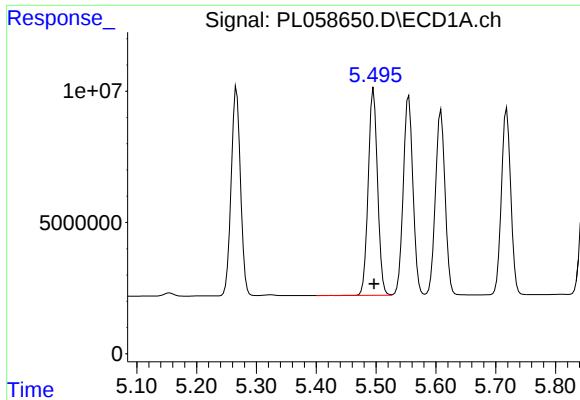
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.922 min  
Response: 0  
Conc: N.D.



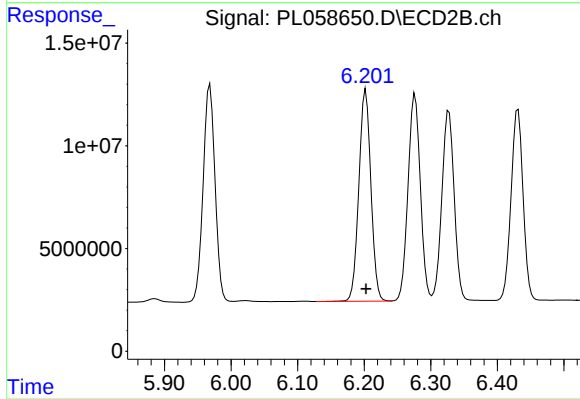
#24 Chlordane-2

R.T.: 5.581 min  
Delta R.T.: 0.027 min  
Response: 138184258  
Conc: 1617.04 ng/ml



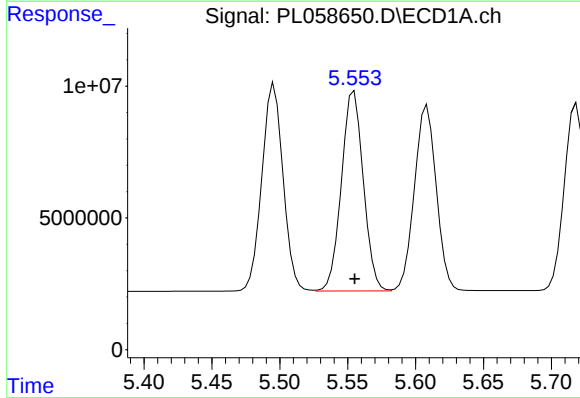
#25 Chlordane-3

R.T.: 5.496 min  
Delta R.T.: 0.000 min  
Response: 85473482  
Conc: 610.94 ng/ml



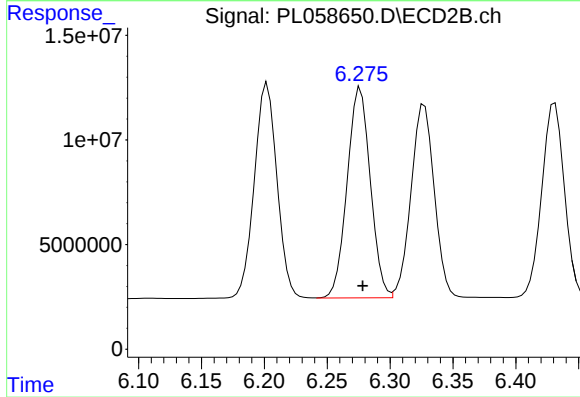
#25 Chlordane-3

R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 129229267  
Conc: 426.66 ng/ml



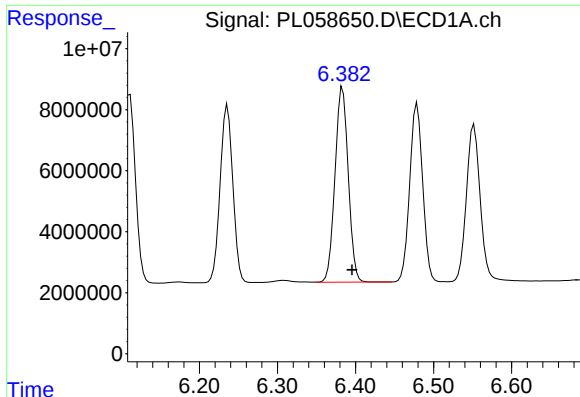
#26 Chlordane-4

R.T.: 5.555 min  
Delta R.T.: 0.000 min  
Response: 85216751  
Conc: 742.48 ng/ml



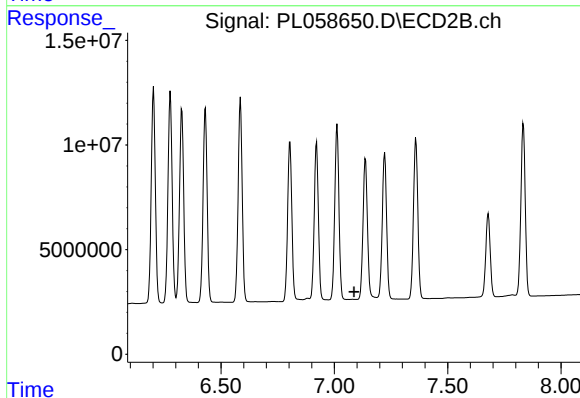
#26 Chlordane-4

R.T.: 6.276 min  
Delta R.T.: -0.002 min  
Response: 129109642  
Conc: 354.25 ng/ml



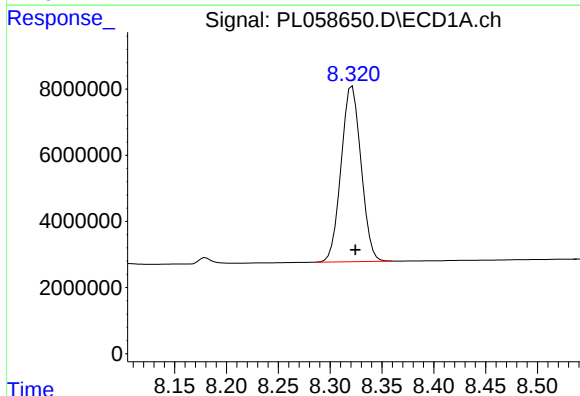
#27 Chlordane-5

R.T.: 6.383 min  
Delta R.T.: -0.012 min  
Response: 75511425  
Conc: 1547.12 ng/ml



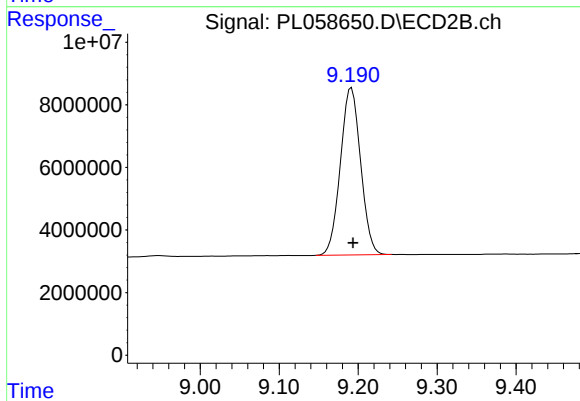
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.087 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.321 min  
Delta R.T.: -0.003 min  
Response: 71095296  
Conc: 54.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.191 min  
Delta R.T.: -0.002 min  
Response: 95294308  
Conc: 53.92 ng/ml