

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103023\  
 Data File : PL086304.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Oct 2023 21:19  
 Operator : AR\AJ  
 Sample : 04948-09MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 04:59:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102623CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 27 01:35:51 2023  
 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 x 0.50µm

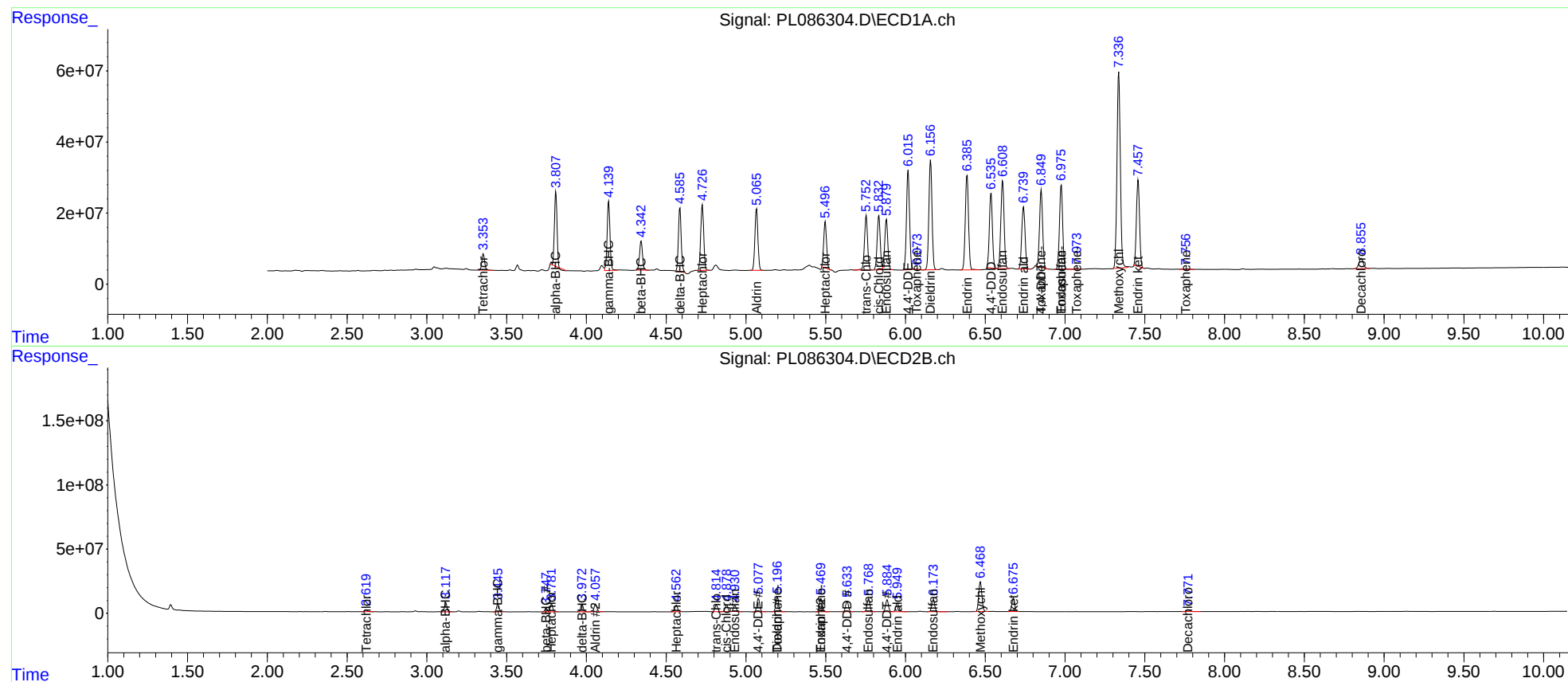
|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml       |
|-----------------------------|-----------------|-------|--------|----------|----------|----------|-------------|
| -----                       |                 |       |        |          |          |          |             |
| System Monitoring Compounds |                 |       |        |          |          |          |             |
| 1)                          | SA Tetrachlo... | 3.354 | 2.620  | 56580562 | 18019600 | 19.852   | 19.867      |
| 2)                          | SA Decachlor... | 8.856 | 7.772  | 54357768 | 24181661 | 21.812   | 21.066      |
| Target Compounds            |                 |       |        |          |          |          |             |
| 2)                          | A alpha-BHC     | 3.809 | 3.119  | 228.2E6  | 75899227 | 54.400   | 60.381      |
| 3)                          | MA gamma-BHC... | 4.140 | 3.446  | 241.6E6  | 69142031 | 60.155   | 57.638      |
| 4)                          | MA Heptachlor   | 4.727 | 3.782  | 238.1E6  | 70341573 | 59.989   | 55.441      |
| 5)                          | MB Aldrin       | 5.067 | 4.058  | 225.0E6  | 77630903 | 56.654   | 64.282      |
| 6)                          | B beta-BHC      | 4.343 | 3.748  | 103.8E6  | 30565098 | 56.065   | 49.877      |
| 7)                          | B delta-BHC     | 4.586 | 3.973  | 216.0E6  | 66630994 | 58.062   | 53.417      |
| 8)                          | B Heptachlo...  | 5.497 | 4.564  | 162.3E6  | 63159132 | 47.862   | 54.155      |
| 9)                          | A Endosulfan I  | 5.880 | 4.931  | 190.2E6  | 55751819 | 59.191   | 51.929      |
| 10)                         | B trans-Chl...  | 5.754 | 4.815  | 207.3E6  | 64009760 | 59.288   | 55.900      |
| 11)                         | B cis-Chlor...  | 5.833 | 4.879  | 206.7E6  | 63932756 | 58.804   | 54.172      |
| 12)                         | B 4,4'-DDE      | 6.017 | 5.078  | 378.1E6  | 126.4E6  | 120.445  | 115.450     |
| 13)                         | MA Dieldrin     | 6.158 | 5.197  | 420.7E6  | 139.5E6  | 119.714  | 115.023     |
| 14)                         | MA Endrin       | 6.386 | 5.471  | 374.4E6  | 130.4E6  | 127.662  | 126.567     |
| 15)                         | B Endosulfa...  | 6.609 | 5.769  | 345.5E6  | 121.5E6  | 110.379  | 111.553     |
| 16)                         | A 4,4'-DDD      | 6.536 | 5.635  | 279.6E6  | 101.9E6  | 117.853  | 116.422     |
| 17)                         | MA 4,4'-DDT     | 6.851 | 5.885  | 301.0E6  | 116.8E6  | 125.761  | 129.743     |
| 18)                         | B Endrin al...  | 6.740 | 5.950  | 253.6E6  | 89873078 | 108.935  | 94.901      |
| 19)                         | B Endosulfa...  | 6.976 | 6.175  | 333.5E6  | 118.5E6  | 117.264  | 108.070     |
| 20)                         | A Methoxychlor  | 7.337 | 6.470  | 816.5E6  | 319.6E6  | 647.432  | 557.184     |
| 21)                         | B Endrin ke...  | 7.458 | 6.677  | 331.8E6  | 137.9E6  | 115.179  | 111.900     |
| 22)                         | Toxaphene-1     | 6.070 | 5.197  | 358695   | 139.5E6  | 15.907   | 24750.853 # |
| 23)                         | Toxaphene-2     | 6.851 | 5.471f | 301.0E6  | 130.4E6  | 3483.396 | 19075.625 # |
| 24)                         | Toxaphene-3     | 6.976 | 0.000  | 333.5E6  | 0        | 5313.511 | N.D. #      |
| 25)                         | Toxaphene-4     | 7.074 | 0.000  | 3439617  | 0        | 91.525   | N.D. #      |
| 26)                         | Toxaphene-5     | 7.758 | 0.000  | 2652370  | 0        | 60.098   | N.D. #      |
| -----                       |                 |       |        |          |          |          |             |

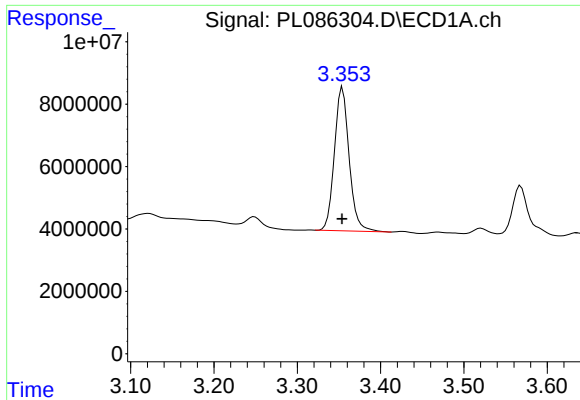
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103023\  
Data File : PL086304.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Oct 2023 21:19  
Operator : AR\AJ  
Sample : 04948-09MS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 04:59:34 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102623CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 27 01:35:51 2023  
Response via : Initial Calibration  
Integrator: ChemStation

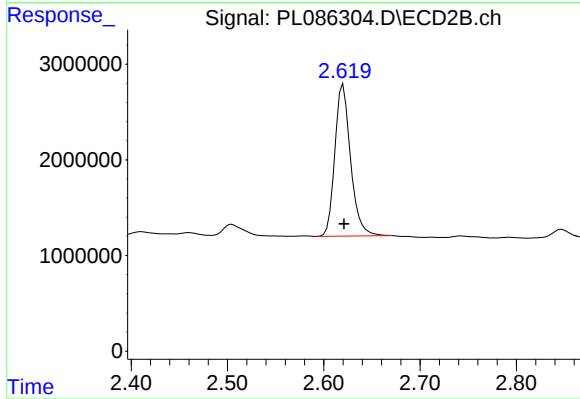
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





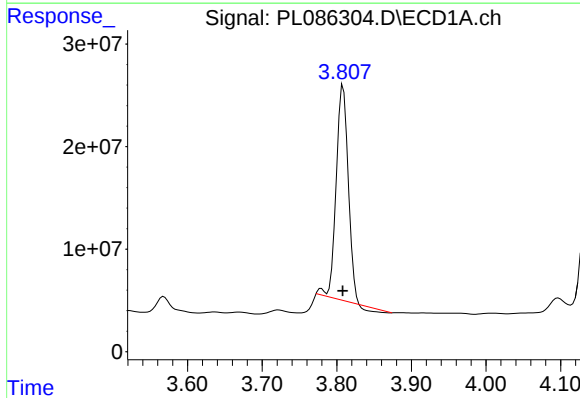
#1 Tetrachloro-m-xylene

R.T.: 3.354 min  
Delta R.T.: 0.000 min  
Response: 56580562  
Conc: 19.85 ng/ml



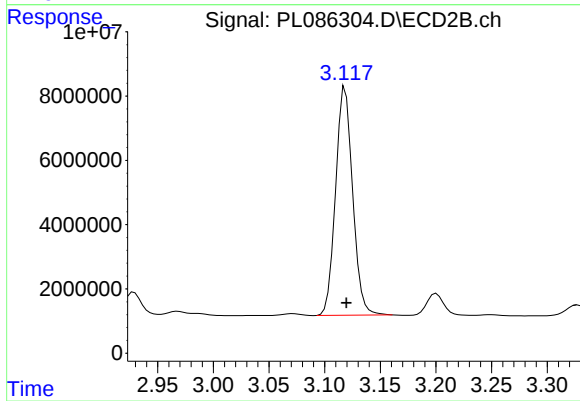
#1 Tetrachloro-m-xylene

R.T.: 2.620 min  
Delta R.T.: 0.000 min  
Response: 18019600  
Conc: 19.87 ng/ml



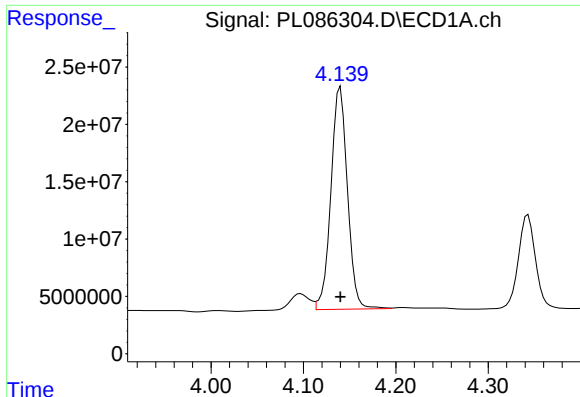
#2 alpha-BHC

R.T.: 3.809 min  
Delta R.T.: 0.000 min  
Response: 228181467  
Conc: 54.40 ng/ml



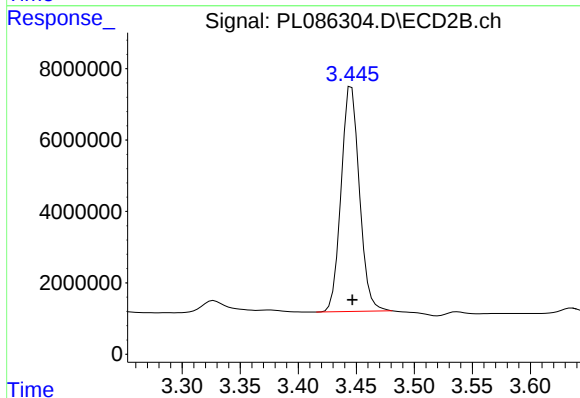
#2 alpha-BHC

R.T.: 3.119 min  
Delta R.T.: 0.000 min  
Response: 75899227  
Conc: 60.38 ng/ml



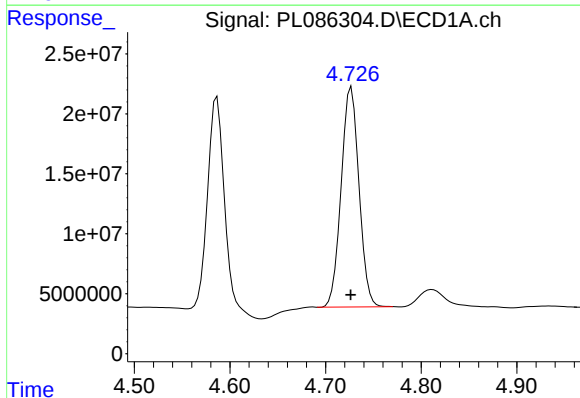
#3 gamma-BHC (Lindane)

R.T.: 4.140 min  
Delta R.T.: 0.000 min  
Response: 241636083  
Conc: 60.16 ng/ml



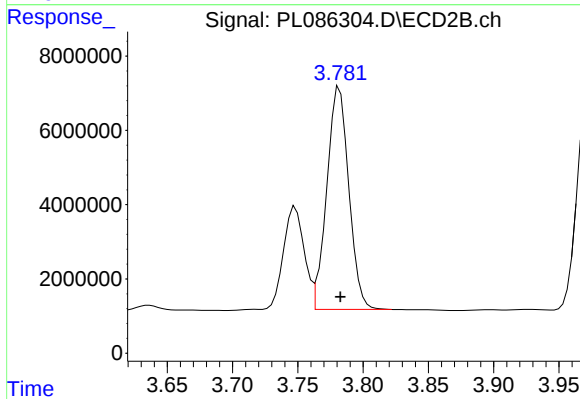
#3 gamma-BHC (Lindane)

R.T.: 3.446 min  
Delta R.T.: 0.000 min  
Response: 69142031  
Conc: 57.64 ng/ml



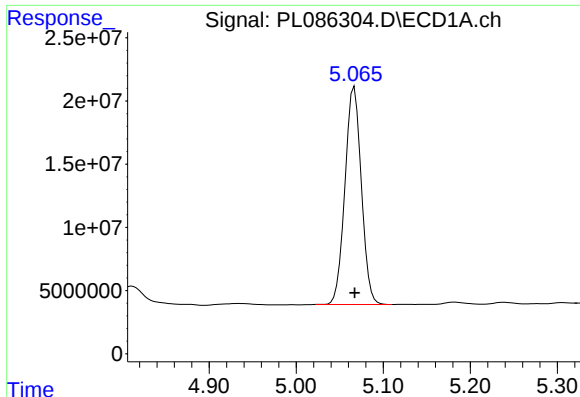
#4 Heptachlor

R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 238054045  
Conc: 59.99 ng/ml



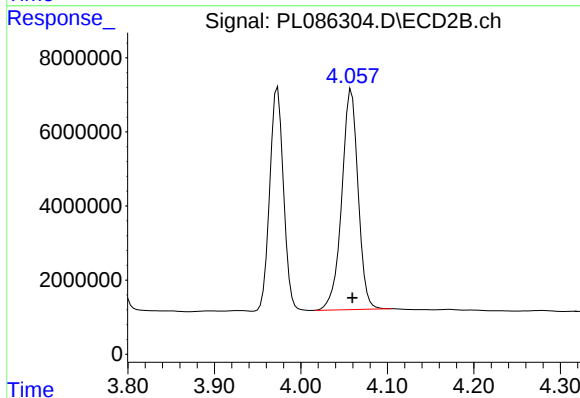
#4 Heptachlor

R.T.: 3.782 min  
Delta R.T.: 0.000 min  
Response: 70341573  
Conc: 55.44 ng/ml



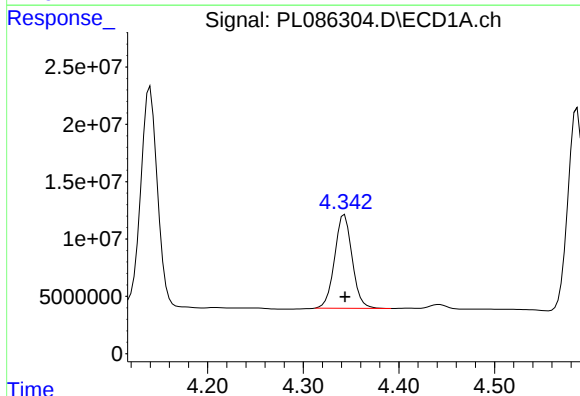
#5 Aldrin

R.T.: 5.067 min  
Delta R.T.: 0.000 min  
Response: 225021944  
Conc: 56.65 ng/ml



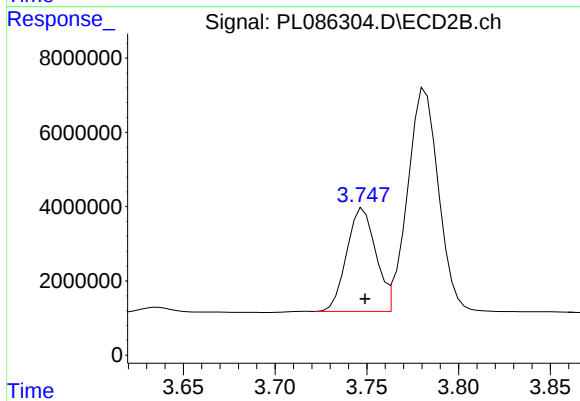
#5 Aldrin

R.T.: 4.058 min  
Delta R.T.: -0.001 min  
Response: 77630903  
Conc: 64.28 ng/ml



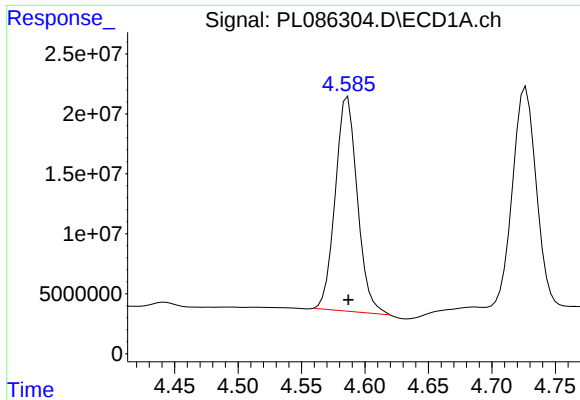
#6 beta-BHC

R.T.: 4.343 min  
Delta R.T.: 0.000 min  
Response: 103842632  
Conc: 56.07 ng/ml



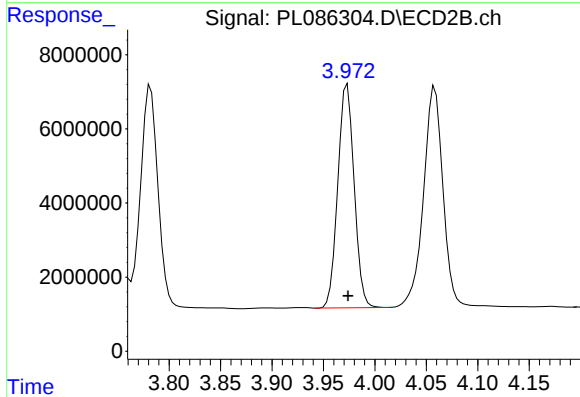
#6 beta-BHC

R.T.: 3.748 min  
Delta R.T.: -0.001 min  
Response: 30565098  
Conc: 49.88 ng/ml



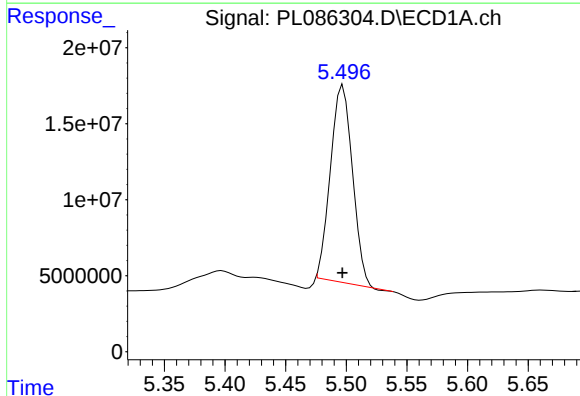
#7 delta-BHC

R.T.: 4.586 min  
Delta R.T.: 0.000 min  
Response: 216002601  
Conc: 58.06 ng/ml



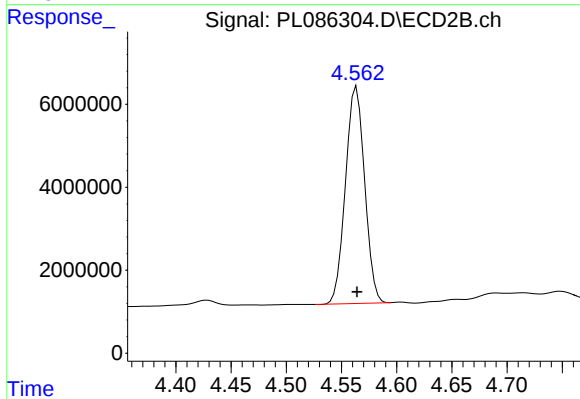
#7 delta-BHC

R.T.: 3.973 min  
Delta R.T.: 0.000 min  
Response: 66630994  
Conc: 53.42 ng/ml



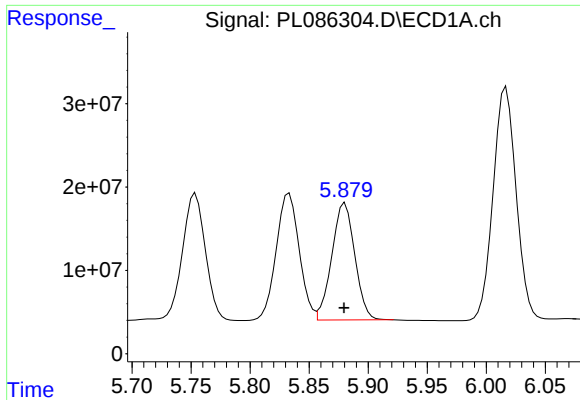
#8 Heptachlor epoxide

R.T.: 5.497 min  
Delta R.T.: 0.000 min  
Response: 162288331  
Conc: 47.86 ng/ml



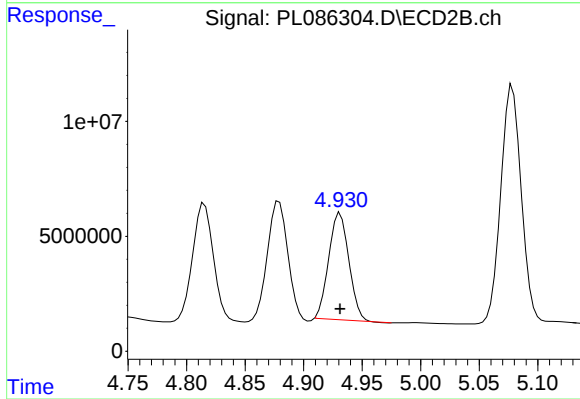
#8 Heptachlor epoxide

R.T.: 4.564 min  
Delta R.T.: 0.000 min  
Response: 63159132  
Conc: 54.16 ng/ml



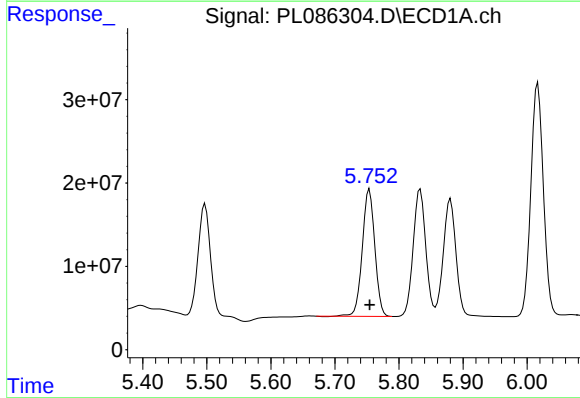
#9 Endosulfan I

R.T.: 5.880 min  
Delta R.T.: 0.000 min  
Response: 190169074  
Conc: 59.19 ng/ml



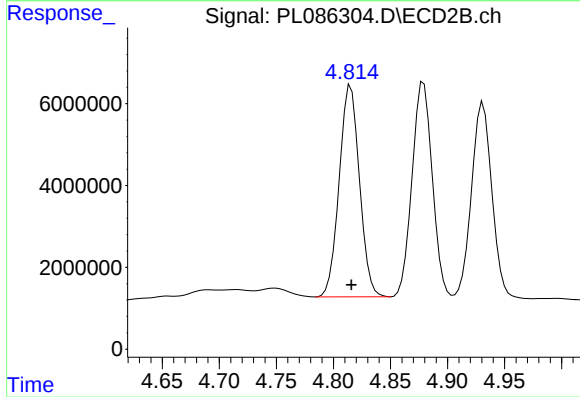
#9 Endosulfan I

R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 55751819  
Conc: 51.93 ng/ml



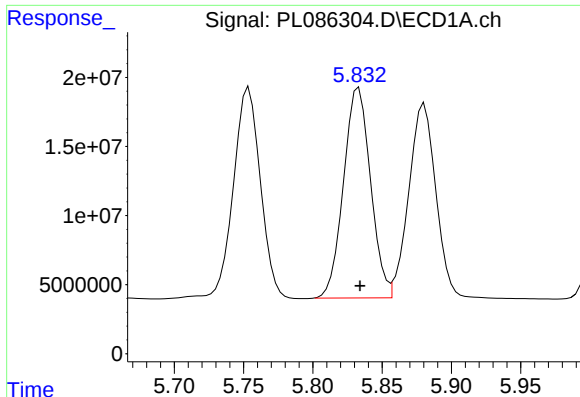
#10 trans-Chlordane

R.T.: 5.754 min  
Delta R.T.: 0.000 min  
Response: 207332383  
Conc: 59.29 ng/ml



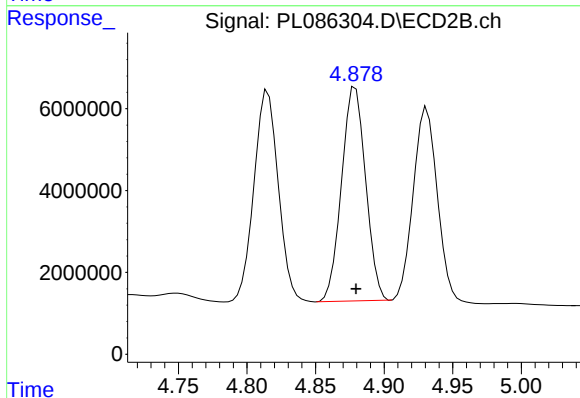
#10 trans-Chlordane

R.T.: 4.815 min  
Delta R.T.: 0.000 min  
Response: 64009760  
Conc: 55.90 ng/ml



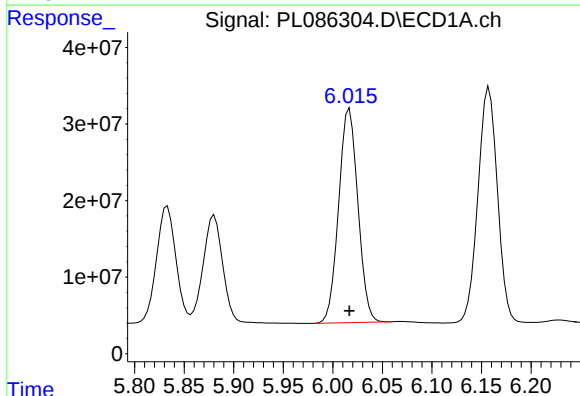
#11 cis-Chlordane

R.T.: 5.833 min  
Delta R.T.: 0.000 min  
Response: 206706354  
Conc: 58.80 ng/ml



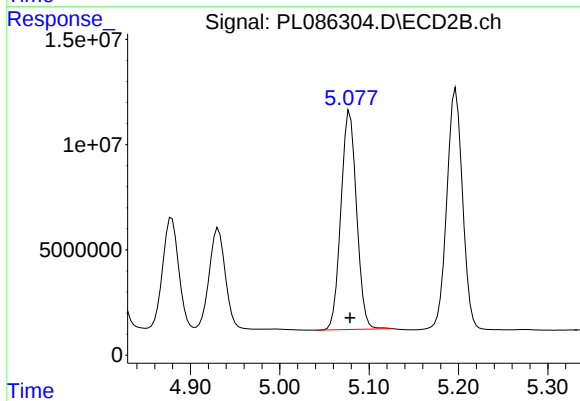
#11 cis-Chlordane

R.T.: 4.879 min  
Delta R.T.: 0.000 min  
Response: 63932756  
Conc: 54.17 ng/ml



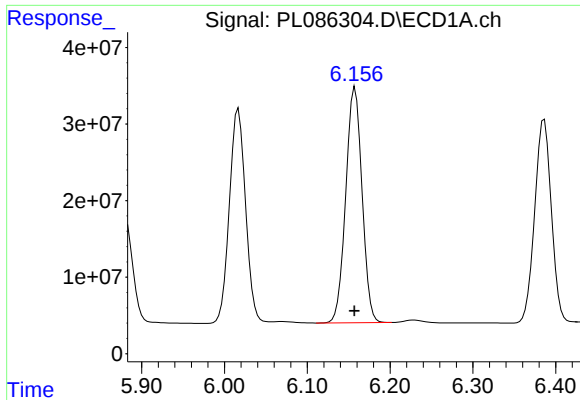
#12 4,4'-DDE

R.T.: 6.017 min  
Delta R.T.: 0.000 min  
Response: 378050532  
Conc: 120.44 ng/ml



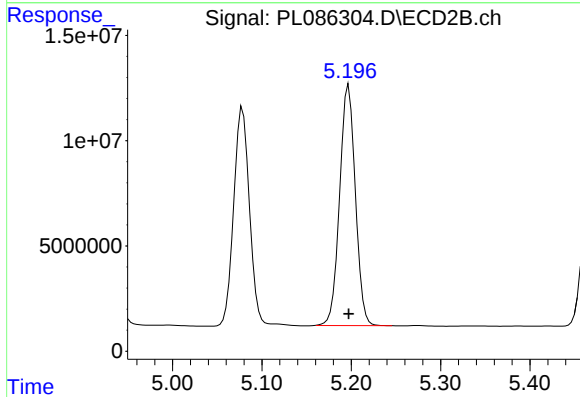
#12 4,4'-DDE

R.T.: 5.078 min  
Delta R.T.: 0.000 min  
Response: 126444001  
Conc: 115.45 ng/ml



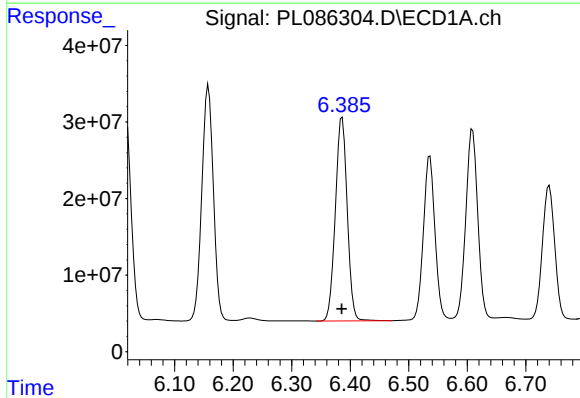
#13 Dieldrin

R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 420689281  
Conc: 119.71 ng/ml



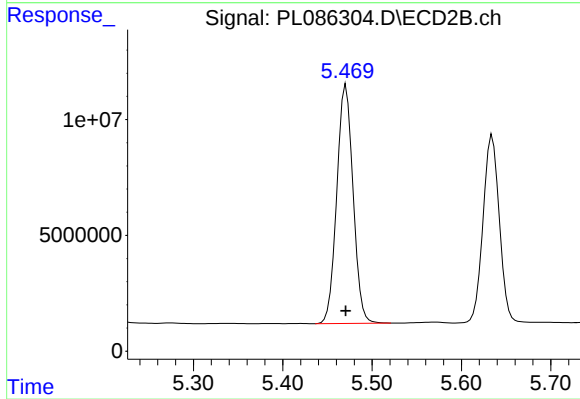
#13 Dieldrin

R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 139487720  
Conc: 115.02 ng/ml



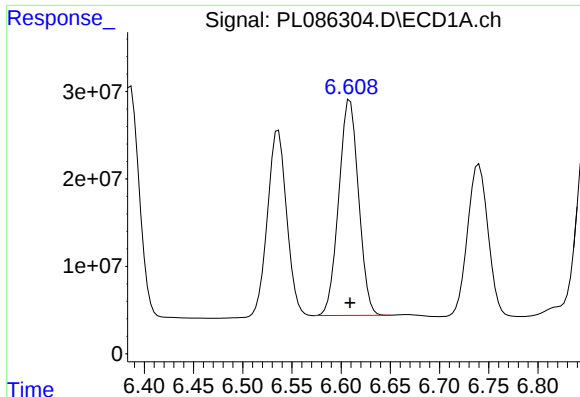
#14 Endrin

R.T.: 6.386 min  
Delta R.T.: 0.000 min  
Response: 374404537  
Conc: 127.66 ng/ml



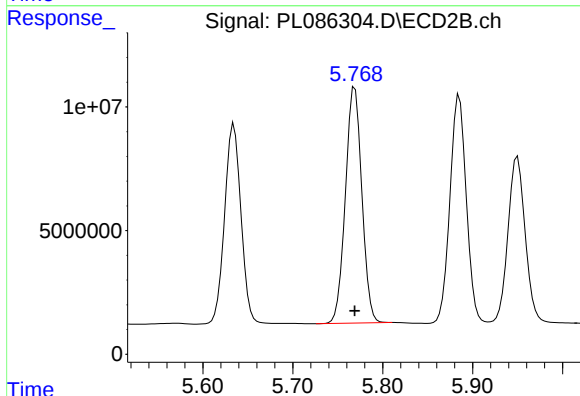
#14 Endrin

R.T.: 5.471 min  
Delta R.T.: 0.000 min  
Response: 130375771  
Conc: 126.57 ng/ml



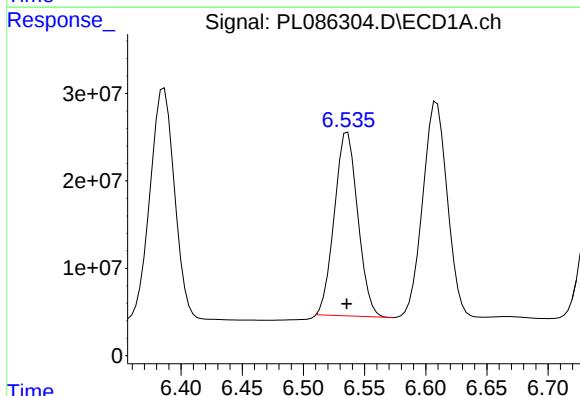
#15 Endosulfan II

R.T.: 6.609 min  
Delta R.T.: 0.000 min  
Response: 345465020  
Conc: 110.38 ng/ml



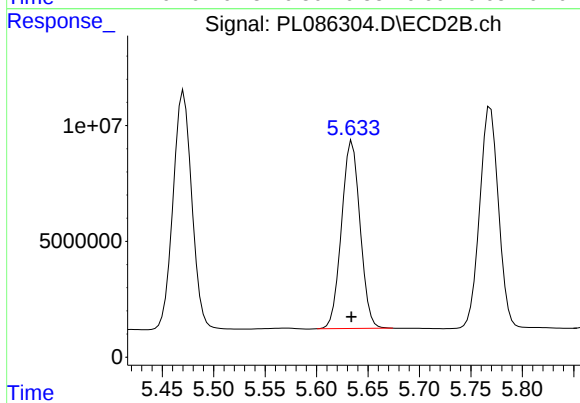
#15 Endosulfan II

R.T.: 5.769 min  
Delta R.T.: 0.000 min  
Response: 121457707  
Conc: 111.55 ng/ml



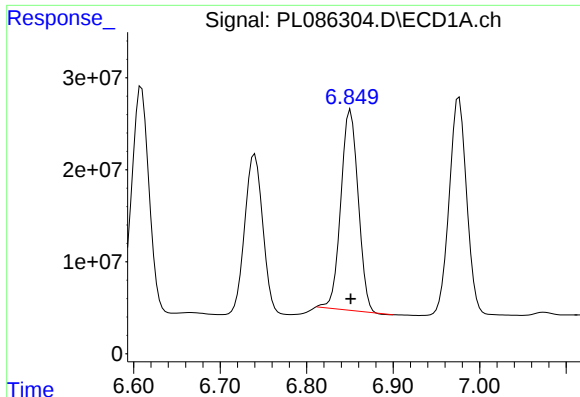
#16 4,4'-DDD

R.T.: 6.536 min  
Delta R.T.: 0.000 min  
Response: 279609283  
Conc: 117.85 ng/ml



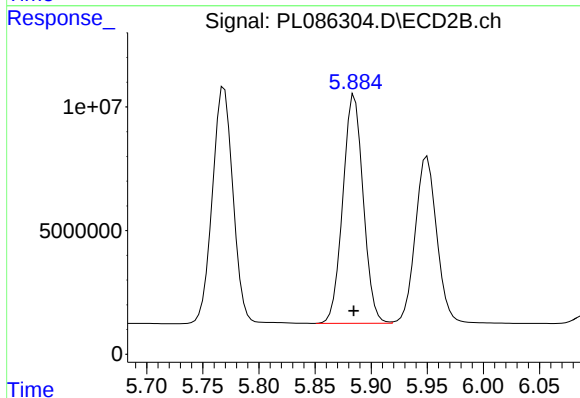
#16 4,4'-DDD

R.T.: 5.635 min  
Delta R.T.: 0.000 min  
Response: 101901817  
Conc: 116.42 ng/ml



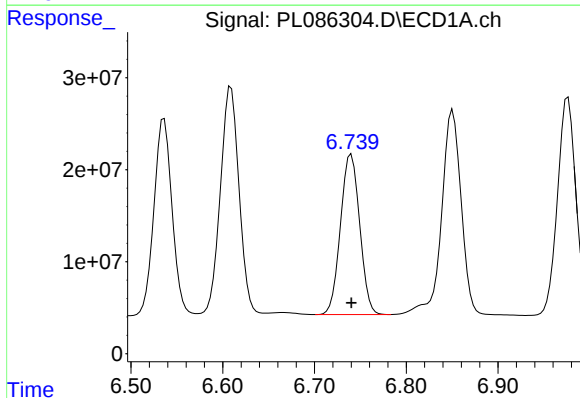
#17 4,4'-DDT

R.T.: 6.851 min  
Delta R.T.: 0.000 min  
Response: 301021966  
Conc: 125.76 ng/ml



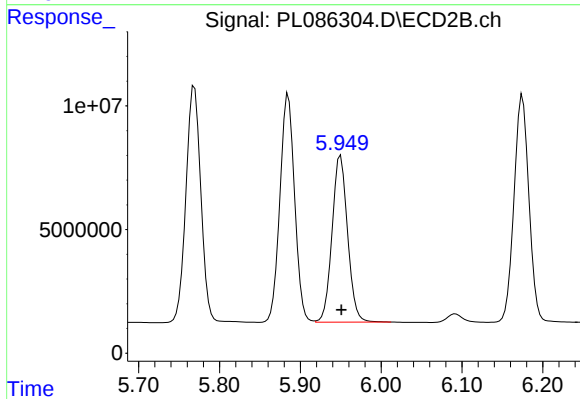
#17 4,4'-DDT

R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 116774758  
Conc: 129.74 ng/ml



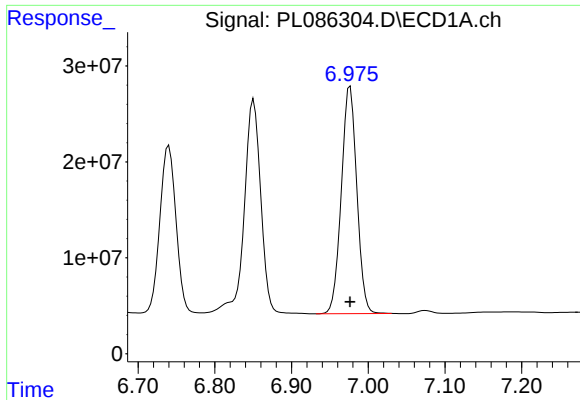
#18 Endrin aldehyde

R.T.: 6.740 min  
Delta R.T.: 0.000 min  
Response: 253582644  
Conc: 108.94 ng/ml



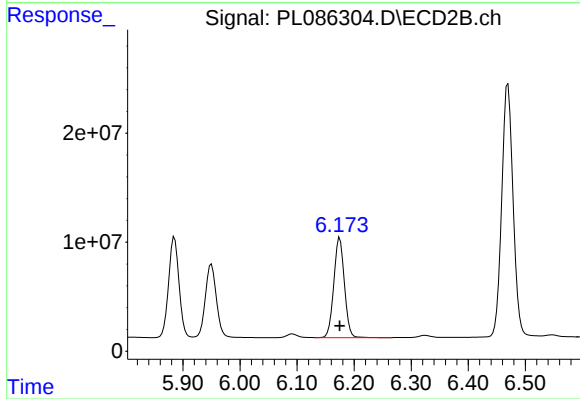
#18 Endrin aldehyde

R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 89873078  
Conc: 94.90 ng/ml



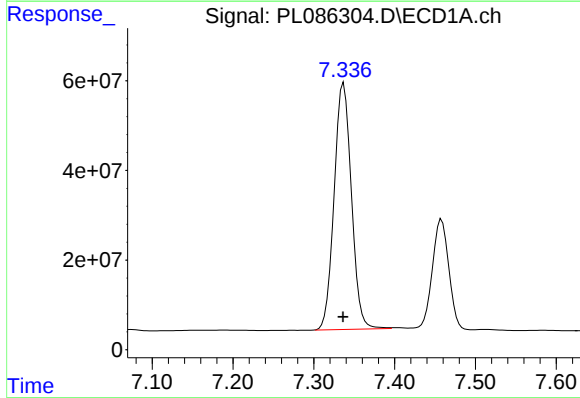
#19 Endosulfan Sulfate

R.T.: 6.976 min  
Delta R.T.: 0.000 min  
Response: 333488802  
Conc: 117.26 ng/ml



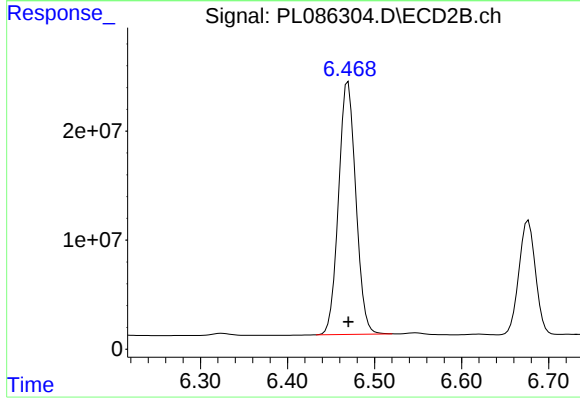
#19 Endosulfan Sulfate

R.T.: 6.175 min  
Delta R.T.: 0.000 min  
Response: 118455310  
Conc: 108.07 ng/ml



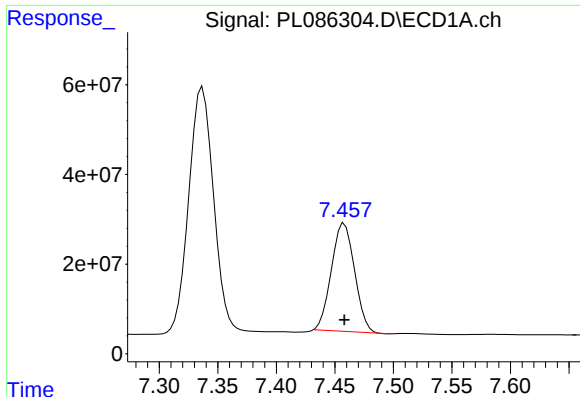
#20 Methoxychlor

R.T.: 7.337 min  
Delta R.T.: 0.000 min  
Response: 816495049  
Conc: 647.43 ng/ml



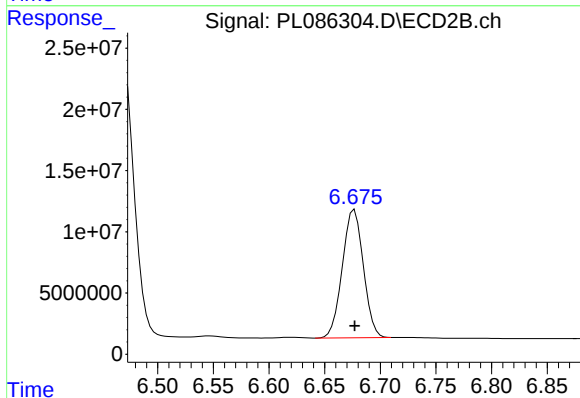
#20 Methoxychlor

R.T.: 6.470 min  
Delta R.T.: 0.000 min  
Response: 319616315  
Conc: 557.18 ng/ml



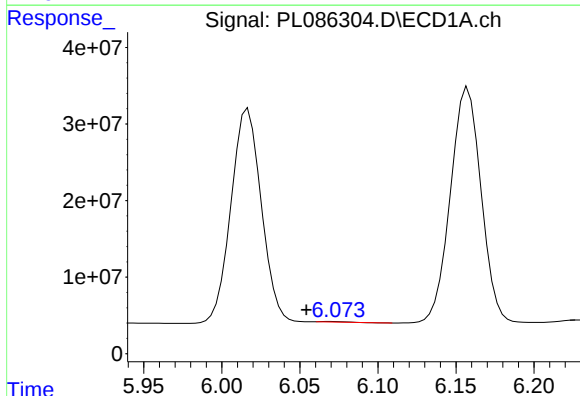
#21 Endrin ketone

R.T.: 7.458 min  
Delta R.T.: 0.000 min  
Response: 331835316  
Conc: 115.18 ng/ml



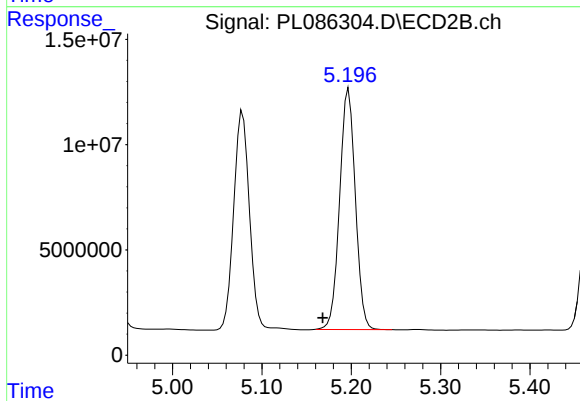
#21 Endrin ketone

R.T.: 6.677 min  
Delta R.T.: 0.000 min  
Response: 137884763  
Conc: 111.90 ng/ml



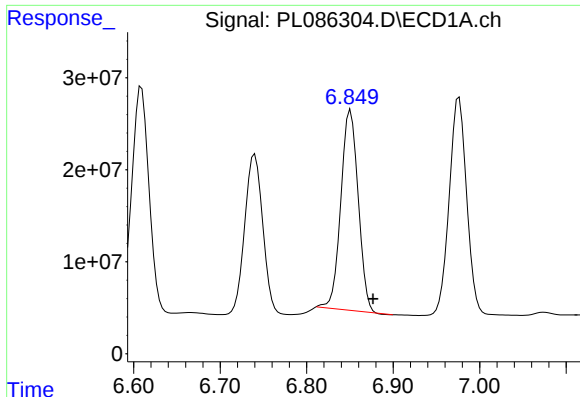
#22 Toxaphene-1

R.T.: 6.070 min  
Delta R.T.: 0.015 min  
Response: 358695  
Conc: 15.91 ng/ml



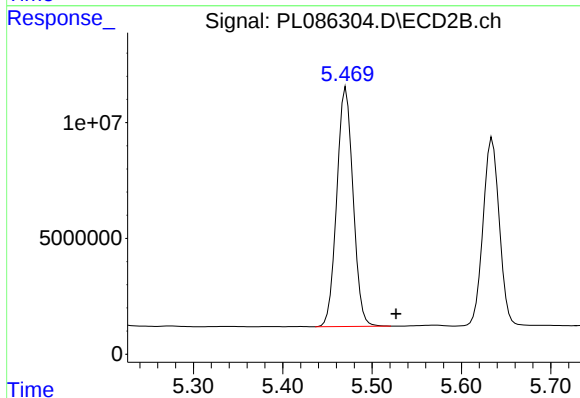
#22 Toxaphene-1

R.T.: 5.197 min  
Delta R.T.: 0.029 min  
Response: 139487720  
Conc: 24750.85 ng/ml



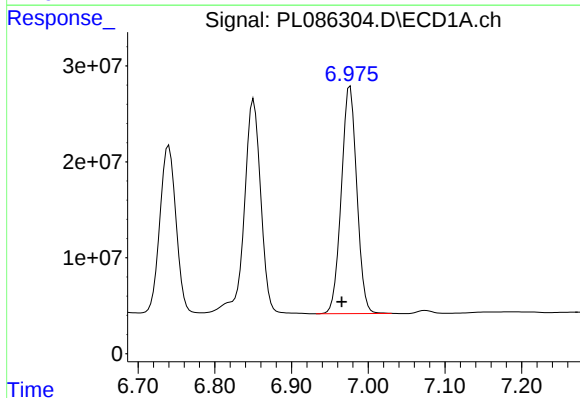
#23 Toxaphene-2

R.T.: 6.851 min  
Delta R.T.: -0.026 min  
Response: 301021966  
Conc: 3483.40 ng/ml



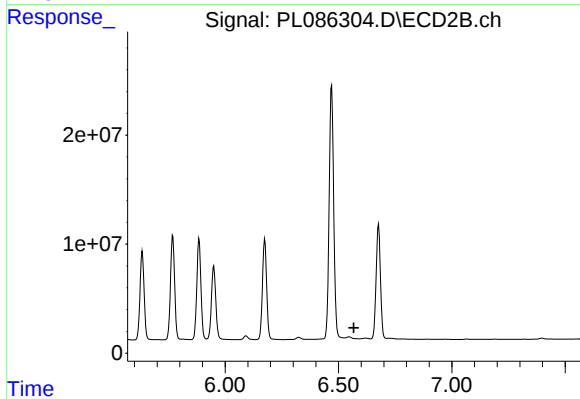
#23 Toxaphene-2

R.T.: 5.471 min  
Delta R.T.: -0.056 min  
Response: 130375771  
Conc: 19075.62 ng/ml



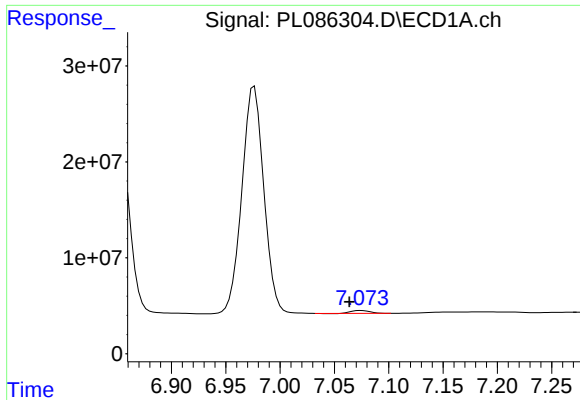
#24 Toxaphene-3

R.T.: 6.976 min  
Delta R.T.: 0.011 min  
Response: 333488802  
Conc: 5313.51 ng/ml



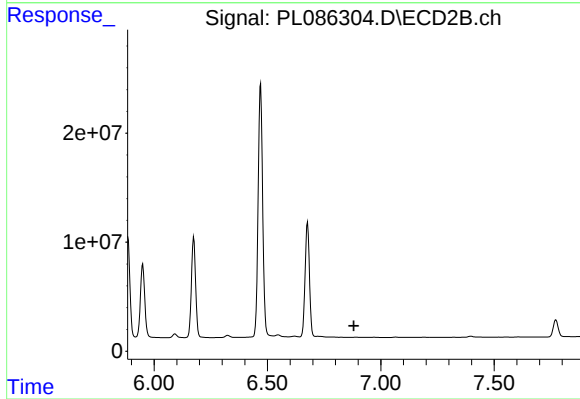
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T.: 6.567 min  
Response: 0  
Conc: N.D.



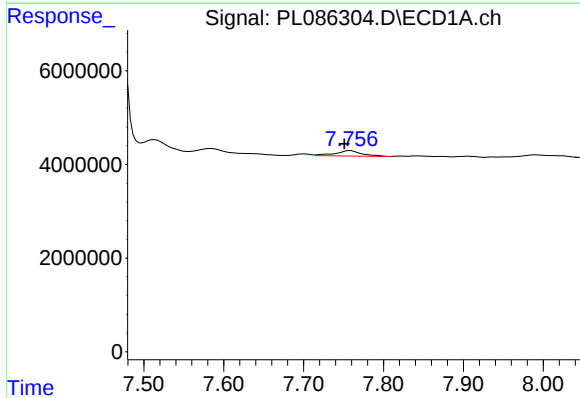
#25 Toxaphene-4

R.T.: 7.074 min  
Delta R.T.: 0.010 min  
Response: 3439617  
Conc: 91.53 ng/ml



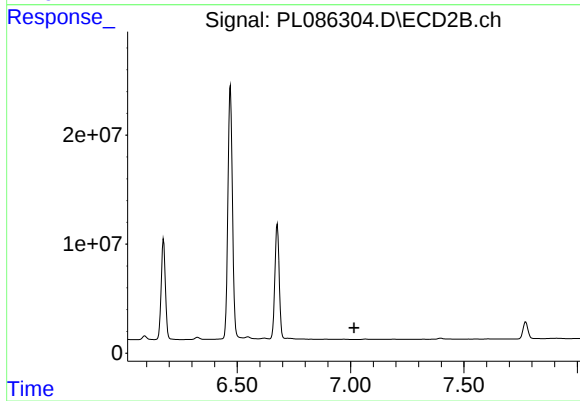
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T.: 6.881 min  
Response: 0  
Conc: N.D.



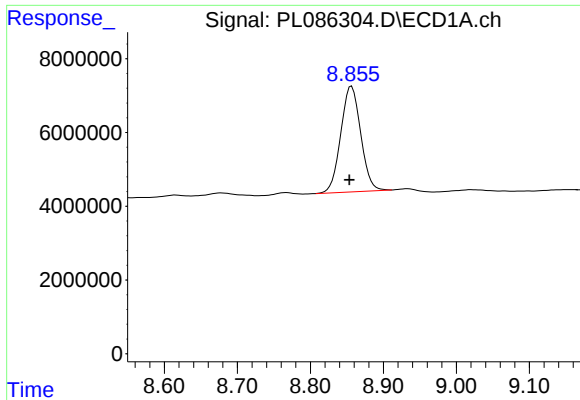
#26 Toxaphene-5

R.T.: 7.758 min  
Delta R.T.: 0.007 min  
Response: 2652370  
Conc: 60.10 ng/ml



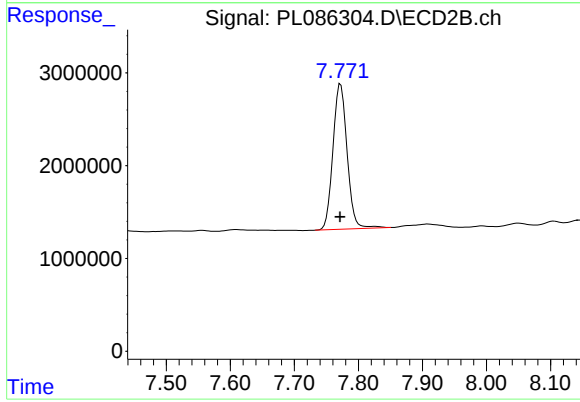
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 7.016 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.856 min  
Delta R.T.: 0.003 min  
Response: 54357768  
Conc: 21.81 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.772 min  
Delta R.T.: 0.000 min  
Response: 24181661  
Conc: 21.07 ng/ml