

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053124\  
 Data File : PL089841.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 May 2024 21:51  
 Operator : AR\AJ  
 Sample : P2589-05MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 31 00:31:00 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051724CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 17 15:59:18 2024  
 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

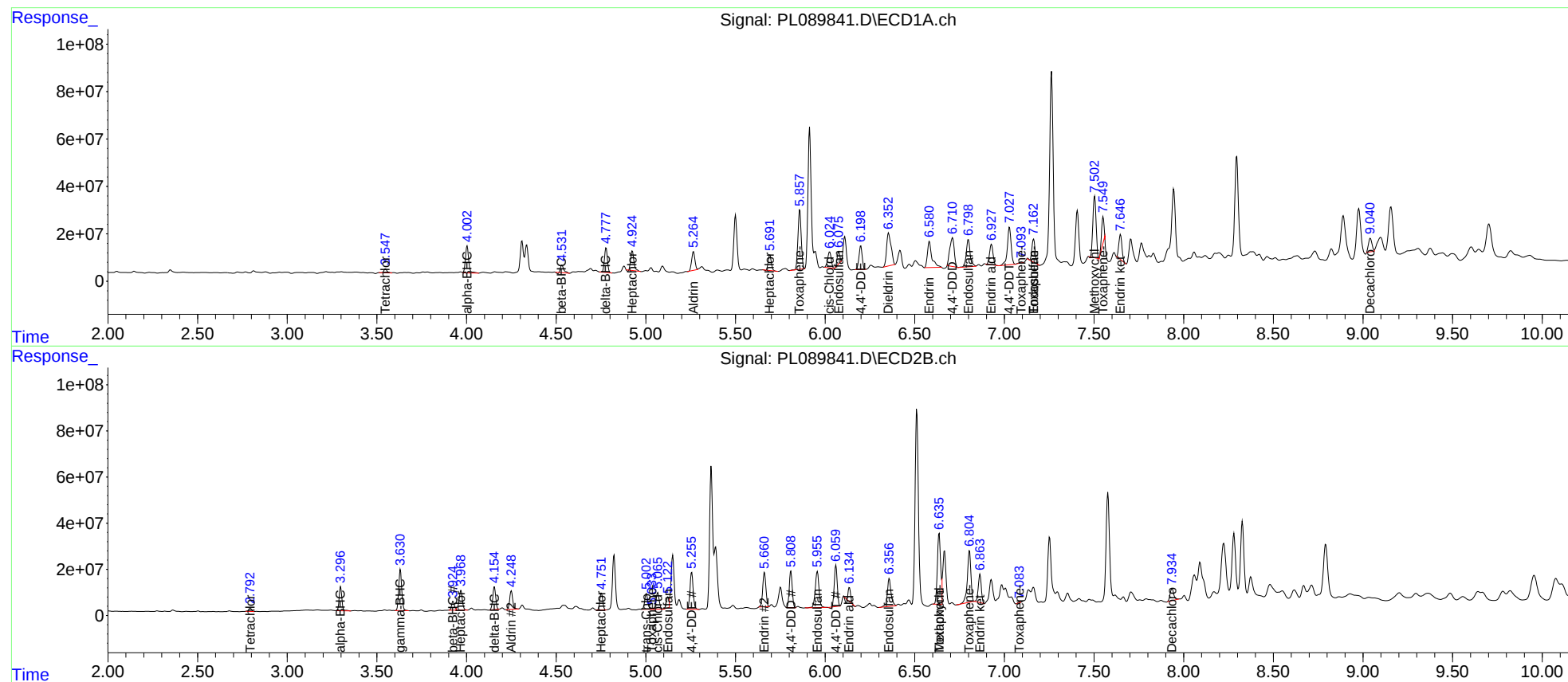
|                             | Compound        | RT#1  | RT#2   | Resp#1    | Resp#2   | ng/ml     | ng/ml       |
|-----------------------------|-----------------|-------|--------|-----------|----------|-----------|-------------|
| -----                       |                 |       |        |           |          |           |             |
| System Monitoring Compounds |                 |       |        |           |          |           |             |
| 1)                          | SA Tetrachlo... | 3.548 | 2.794  | 20693092  | 16346613 | 10.640    | 12.739      |
| 27)                         | SA Decachlor... | 9.041 | 7.935  | 77366830  | 73275477 | 62.998    | 61.075      |
| Target Compounds            |                 |       |        |           |          |           |             |
| 2)                          | A alpha-BHC     | 4.003 | 3.298  | 142.4E6   | 109.3E6  | 51.005    | 60.670      |
| 3)                          | MA gamma-BHC... | 4.336 | 3.631  | -37054730 | 207.9E6  | N.D.      | 121.961     |
| 4)                          | MA Heptachlor   | 4.925 | 3.969  | 101.2E6   | 110.7E6  | 42.567    | 65.659 #    |
| 5)                          | MB Aldrin       | 5.266 | 4.250  | 99375367  | 94460578 | 41.385    | 58.894 #    |
| 6)                          | B beta-BHC      | 4.532 | 3.925  | 38310123  | 41788338 | 29.802    | 48.469 #    |
| 7)                          | B delta-BHC     | 4.779 | 4.156  | 117.8E6   | 112.0E6  | 45.460    | 64.521 #    |
| 8)                          | B Heptachlo...  | 5.692 | 4.752  | 79602432  | 83474879 | 34.422    | 52.215 #    |
| 9)                          | A Endosulfan I  | 6.076 | 5.124  | 47345032  | 46721124 | 23.587    | 33.635 #    |
| 10)                         | B trans-Chl...  | 5.985 | 5.003  | -42220433 | 80987865 | N.D.      | 52.473      |
| 11)                         | B cis-Chlor...  | 6.025 | 5.067  | 92758567  | 86002156 | 42.436    | 54.084 #    |
| 12)                         | B 4,4'-DDE      | 6.199 | 5.256  | 125.3E6   | 194.3E6  | 68.423    | 138.377 #   |
| 14)                         | MA Endrin       | 6.581 | 5.662  | 185.1E6   | 182.2E6  | 108.639   | 132.292     |
| 15)                         | B Endosulfa...  | 6.799 | 5.957  | 173.5E6   | 225.7E6  | 95.975    | 165.683 #   |
| 16)                         | A 4,4'-DDD      | 6.711 | 5.809  | 208.5E6   | 182.8E6  | 141.498   | 159.984     |
| 17)                         | MA 4,4'-DDT     | 7.028 | 6.060  | 231.1E6   | 201.4E6  | 164.565   | 167.765     |
| 18)                         | B Endrin al...  | 6.928 | 6.135  | 115.6E6   | 50433578 | 84.874    | 47.585 #    |
| 19)                         | B Endosulfa...  | 7.163 | 6.358  | 119.8E6   | 174.2E6  | 74.291    | 131.872 #   |
| 20)                         | A Methoxychlor  | 7.503 | 6.636  | 325.8E6   | 385.2E6  | 476.010   | 568.746     |
| 21)                         | B Endrin ke...  | 7.648 | 6.864  | 128.9E6   | 144.2E6  | 74.073    | 98.082 #    |
| 22)                         | Toxaphene-1     | 5.859 | 5.034  | 318.0E6   | 2637406  | 42912.396 | 308.299 #   |
| 24)                         | Toxaphene-3     | 7.095 | 6.636  | 4541589   | 385.2E6  | 104.161   | 13580.857 # |
| 25)                         | Toxaphene-4     | 7.163 | 6.805f | 119.8E6   | 304.8E6  | 3605.980  | 7722.009 #  |
| 26)                         | Toxaphene-5     | 7.551 | 7.084  | 105.9E6   | 3311425  | 4521.241  | 129.313 #   |
| -----                       |                 |       |        |           |          |           |             |

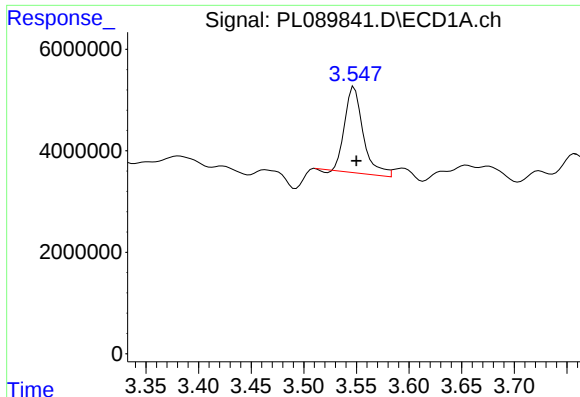
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053124\  
Data File : PL089841.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 May 2024 21:51  
Operator : AR\AJ  
Sample : P2589-05MS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 31 00:31:00 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051724CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri May 17 15:59:18 2024  
Response via : Initial Calibration  
Integrator: ChemStation

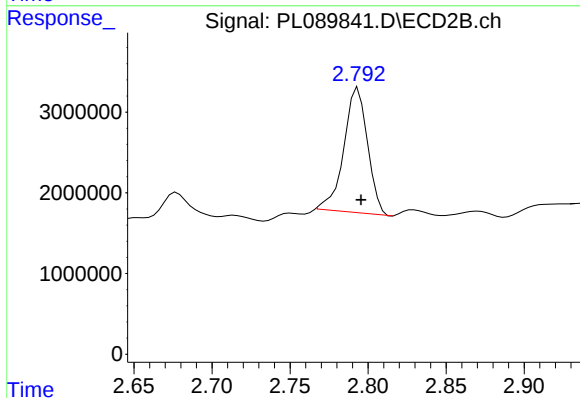
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





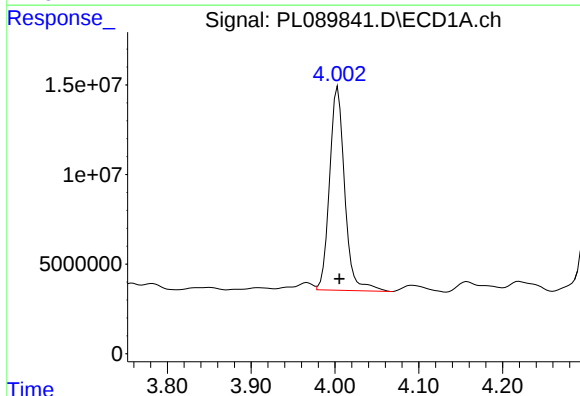
#1 Tetrachloro-m-xylene

R.T.: 3.548 min  
Delta R.T.: -0.002 min  
Response: 20693092  
Conc: 10.64 ng/ml



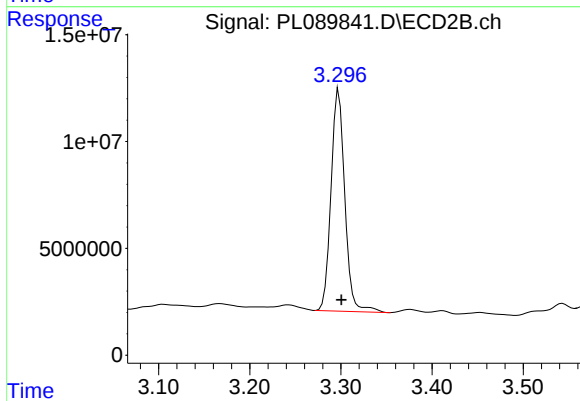
#1 Tetrachloro-m-xylene

R.T.: 2.794 min  
Delta R.T.: -0.002 min  
Response: 16346613  
Conc: 12.74 ng/ml



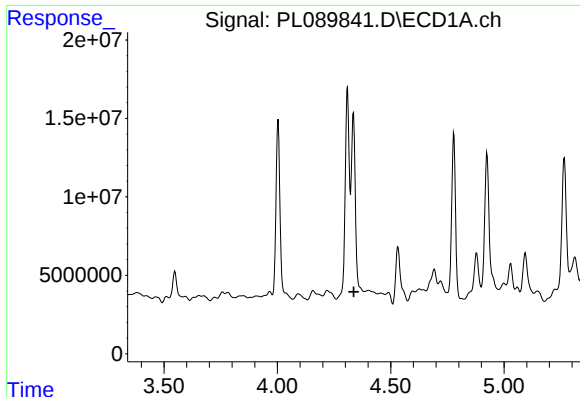
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: -0.002 min  
Response: 142391056  
Conc: 51.01 ng/ml



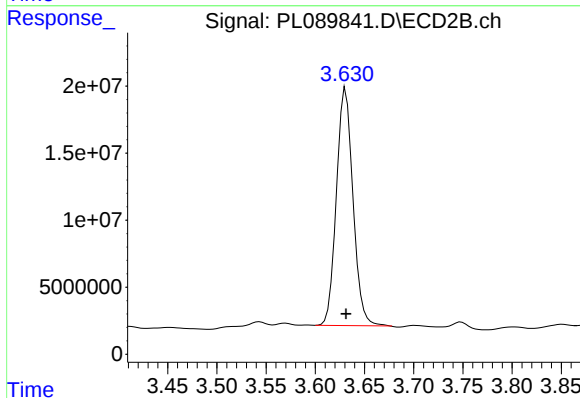
#2 alpha-BHC

R.T.: 3.298 min  
Delta R.T.: -0.003 min  
Response: 109268664  
Conc: 60.67 ng/ml



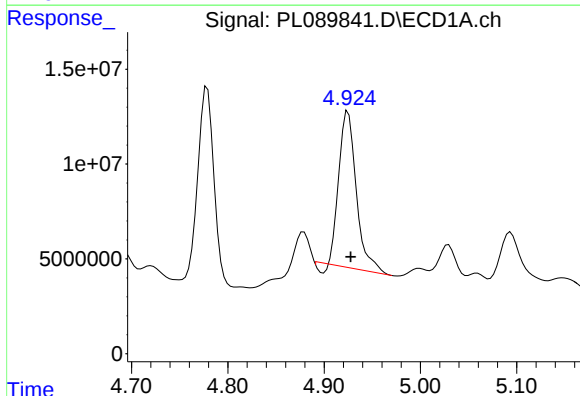
#3 gamma-BHC (Lindane)

R.T.: 4.336 min  
Delta R.T.: -0.002 min  
Response: -37054730  
Conc: N.D.



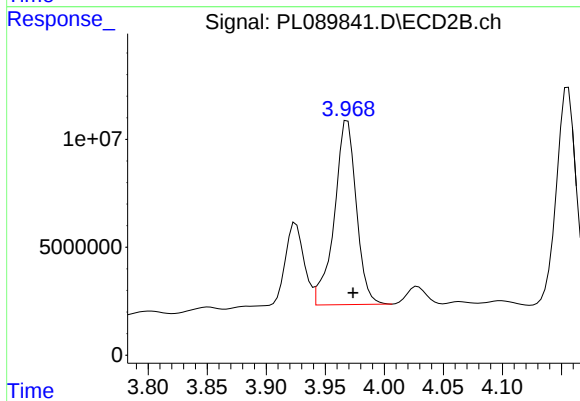
#3 gamma-BHC (Lindane)

R.T.: 3.631 min  
Delta R.T.: 0.000 min  
Response: 207938524  
Conc: 121.96 ng/ml



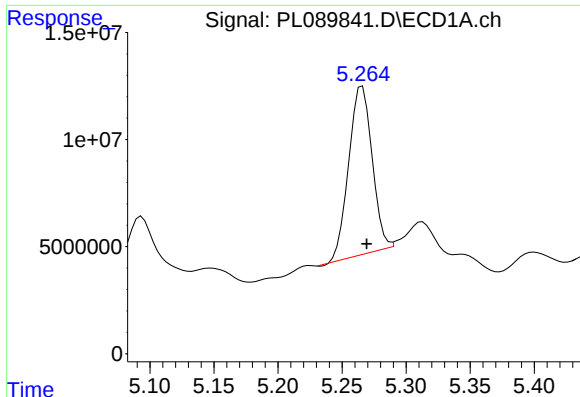
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: -0.003 min  
Response: 101193808  
Conc: 42.57 ng/ml



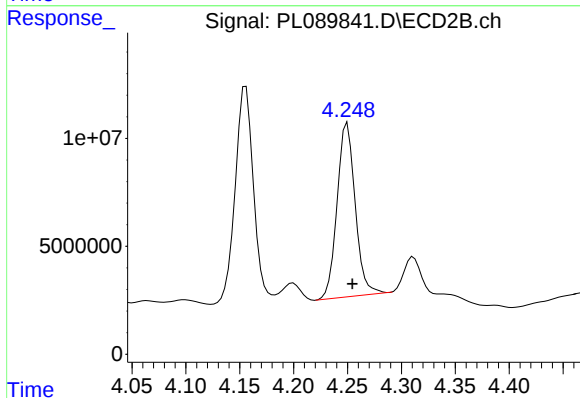
#4 Heptachlor

R.T.: 3.969 min  
Delta R.T.: -0.005 min  
Response: 110708852  
Conc: 65.66 ng/ml



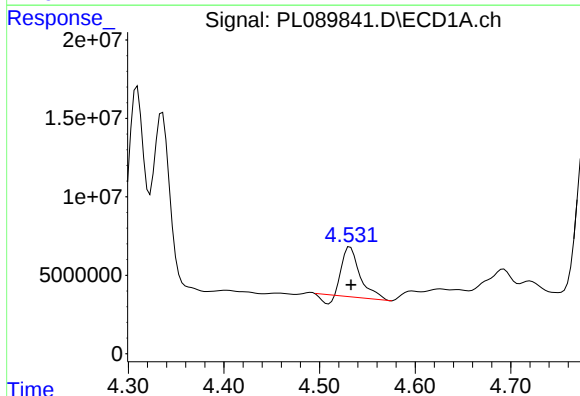
#5 Aldrin

R.T.: 5.266 min  
Delta R.T.: -0.003 min  
Response: 99375367  
Conc: 41.39 ng/ml



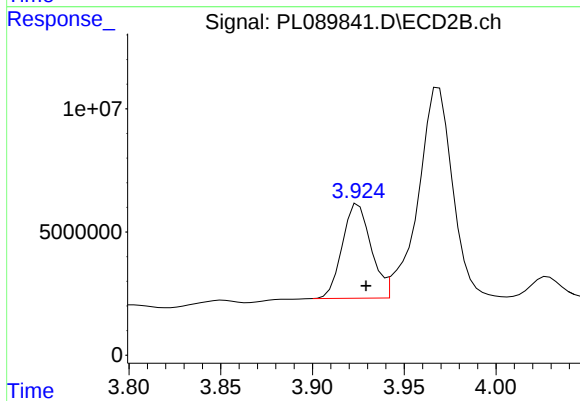
#5 Aldrin

R.T.: 4.250 min  
Delta R.T.: -0.005 min  
Response: 94460578  
Conc: 58.89 ng/ml



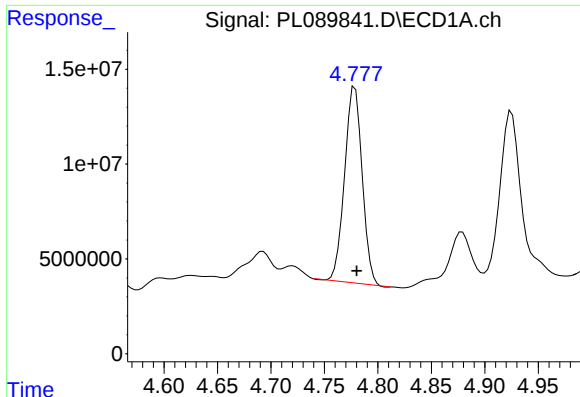
#6 beta-BHC

R.T.: 4.532 min  
Delta R.T.: 0.000 min  
Response: 38310123  
Conc: 29.80 ng/ml



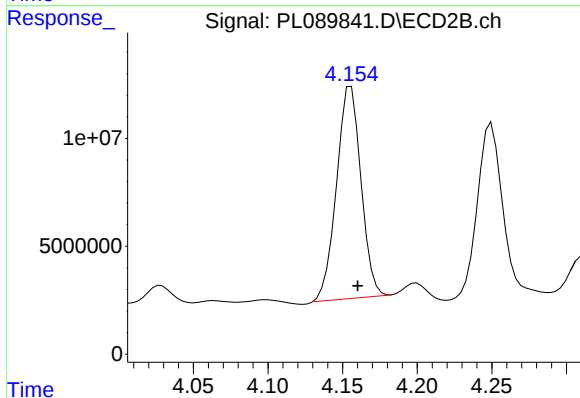
#6 beta-BHC

R.T.: 3.925 min  
Delta R.T.: -0.004 min  
Response: 41788338  
Conc: 48.47 ng/ml



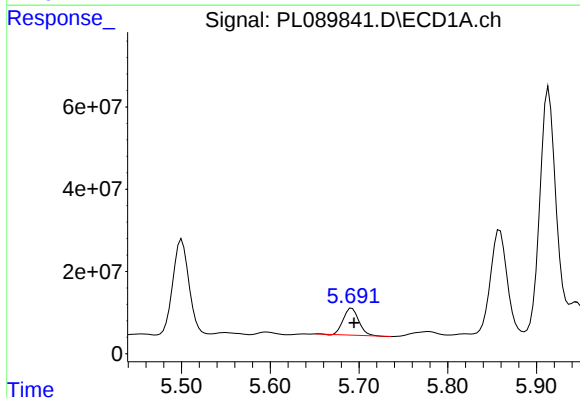
#7 delta-BHC

R.T.: 4.779 min  
Delta R.T.: -0.002 min  
Response: 117822147  
Conc: 45.46 ng/ml



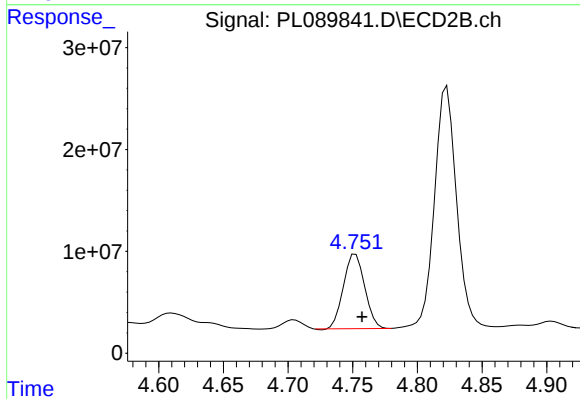
#7 delta-BHC

R.T.: 4.156 min  
Delta R.T.: -0.005 min  
Response: 111965275  
Conc: 64.52 ng/ml



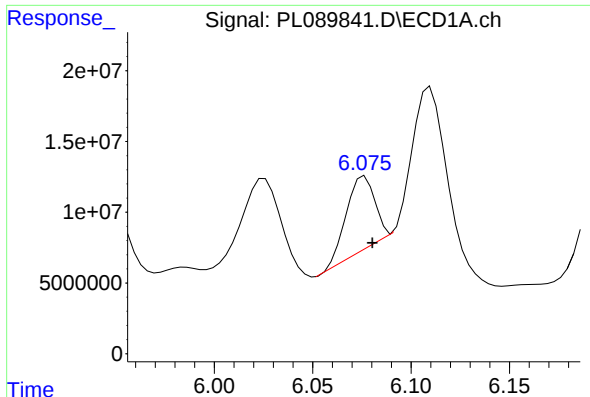
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: -0.003 min  
Response: 79602432  
Conc: 34.42 ng/ml



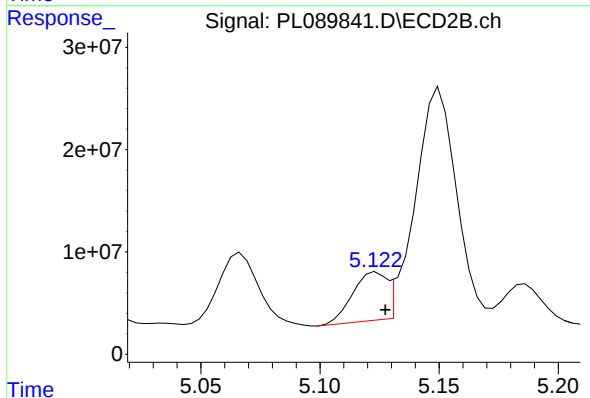
#8 Heptachlor epoxide

R.T.: 4.752 min  
Delta R.T.: -0.005 min  
Response: 83474879  
Conc: 52.21 ng/ml



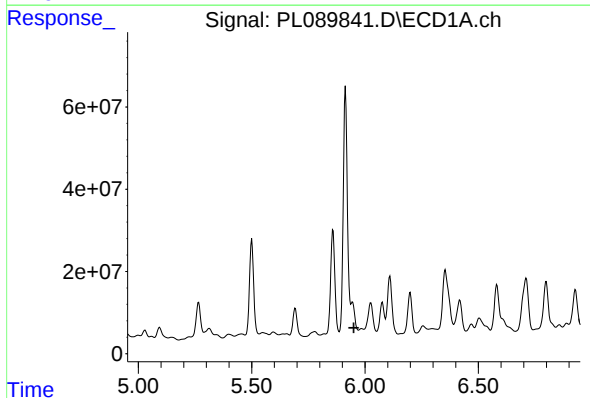
#9 Endosulfan I

R.T.: 6.076 min  
Delta R.T.: -0.004 min  
Response: 47345032  
Conc: 23.59 ng/ml



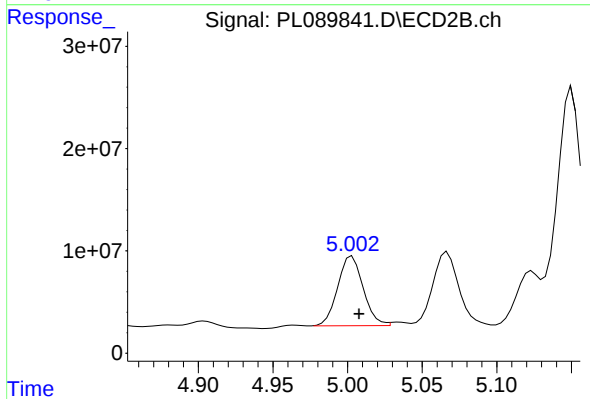
#9 Endosulfan I

R.T.: 5.124 min  
Delta R.T.: -0.004 min  
Response: 46721124  
Conc: 33.64 ng/ml



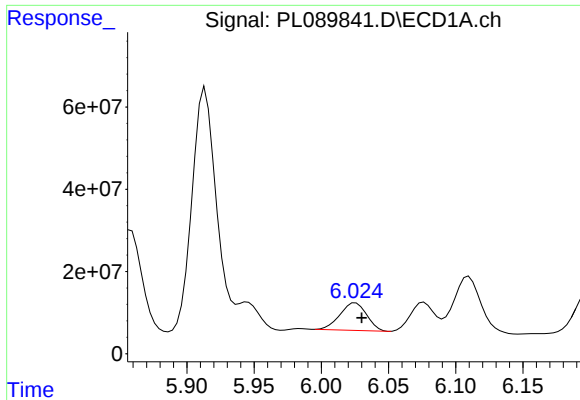
#10 trans-Chlordane

R.T.: 5.985 min  
Delta R.T.: 0.035 min  
Response: -42220433  
Conc: N.D.



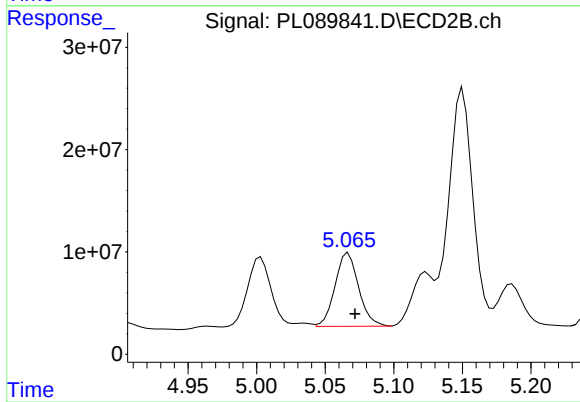
#10 trans-Chlordane

R.T.: 5.003 min  
Delta R.T.: -0.005 min  
Response: 80987865  
Conc: 52.47 ng/ml



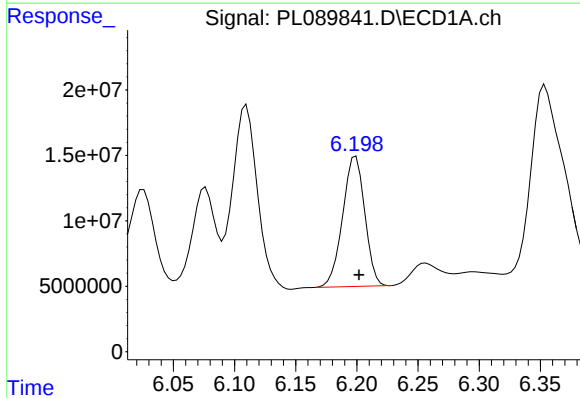
#11 cis-Chlordane

R.T.: 6.025 min  
Delta R.T.: -0.005 min  
Response: 92758567  
Conc: 42.44 ng/ml



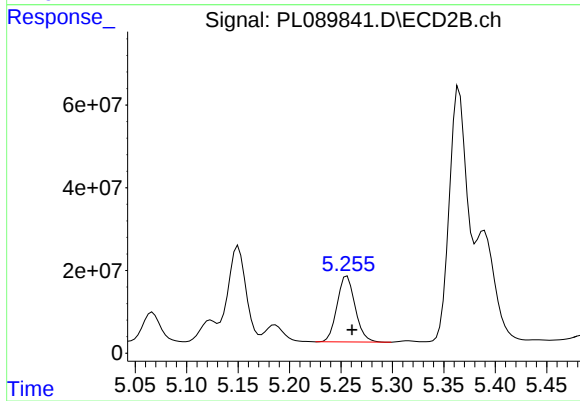
#11 cis-Chlordane

R.T.: 5.067 min  
Delta R.T.: -0.005 min  
Response: 86002156  
Conc: 54.08 ng/ml



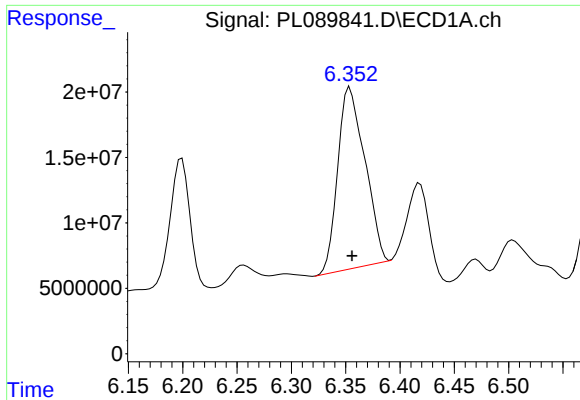
#12 4,4'-DDE

R.T.: 6.199 min  
Delta R.T.: -0.003 min  
Response: 125251862  
Conc: 68.42 ng/ml



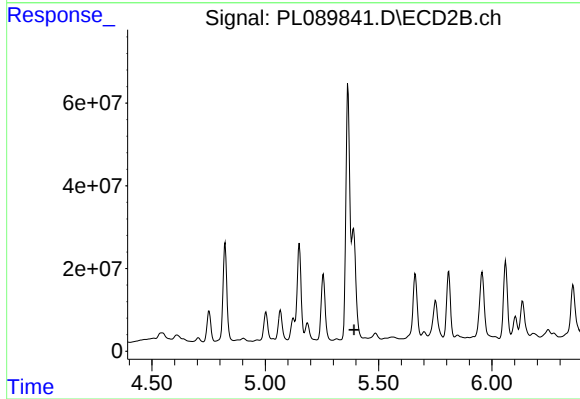
#12 4,4'-DDE

R.T.: 5.256 min  
Delta R.T.: -0.005 min  
Response: 194295355  
Conc: 138.38 ng/ml



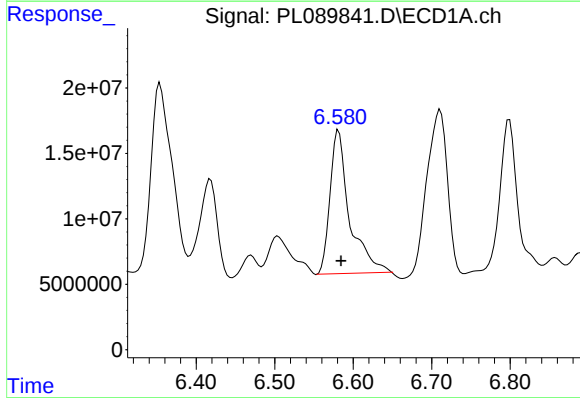
#13 Dieldrin

R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 240838752  
Conc: 118.80 ng/ml



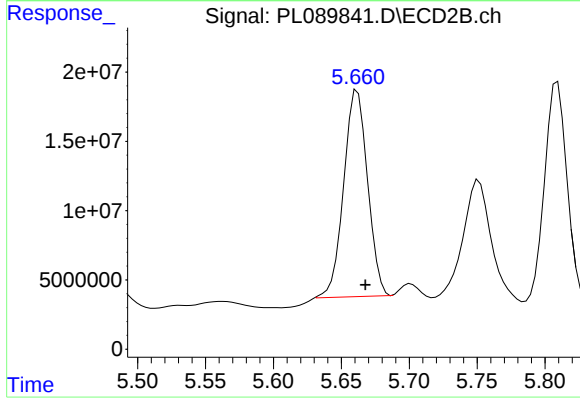
#13 Dieldrin

R.T.: 5.389 min  
Delta R.T.: -0.003 min  
Response: -323899796  
Conc: N.D.



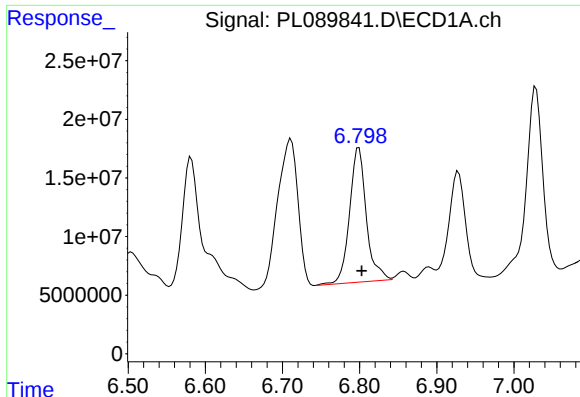
#14 Endrin

R.T.: 6.581 min  
Delta R.T.: -0.003 min  
Response: 185061714  
Conc: 108.64 ng/ml



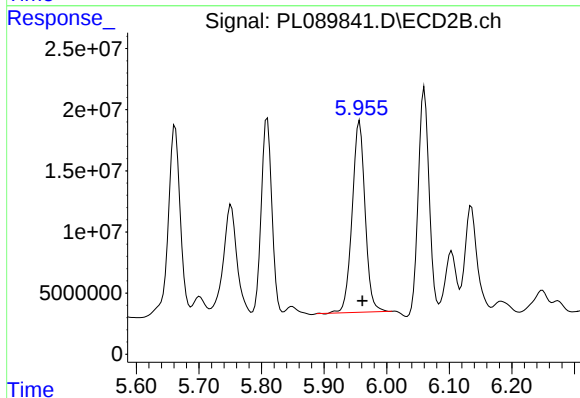
#14 Endrin

R.T.: 5.662 min  
Delta R.T.: -0.006 min  
Response: 182179794  
Conc: 132.29 ng/ml



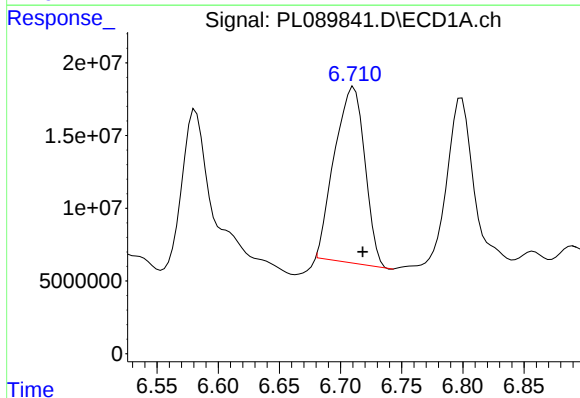
#15 Endosulfan II

R.T.: 6.799 min  
Delta R.T.: -0.004 min  
Response: 173461884  
Conc: 95.98 ng/ml



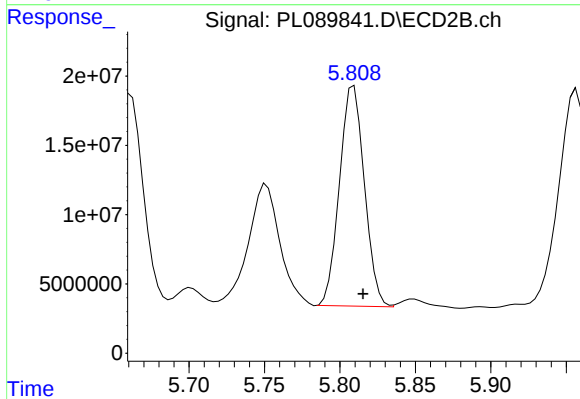
#15 Endosulfan II

R.T.: 5.957 min  
Delta R.T.: -0.005 min  
Response: 225683925  
Conc: 165.68 ng/ml



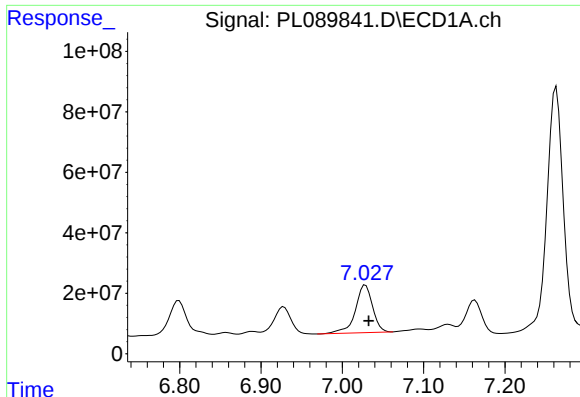
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: -0.007 min  
Response: 208459574  
Conc: 141.50 ng/ml



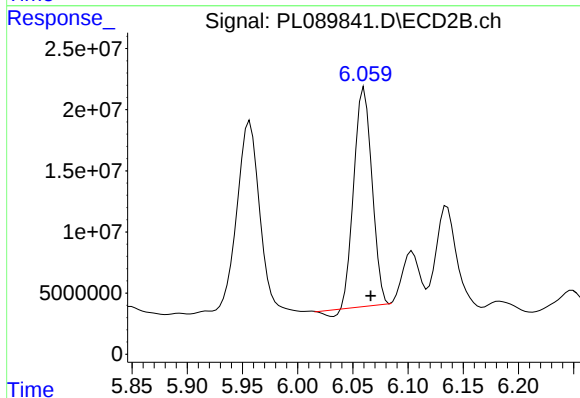
#16 4,4'-DDD

R.T.: 5.809 min  
Delta R.T.: -0.006 min  
Response: 182764702  
Conc: 159.98 ng/ml



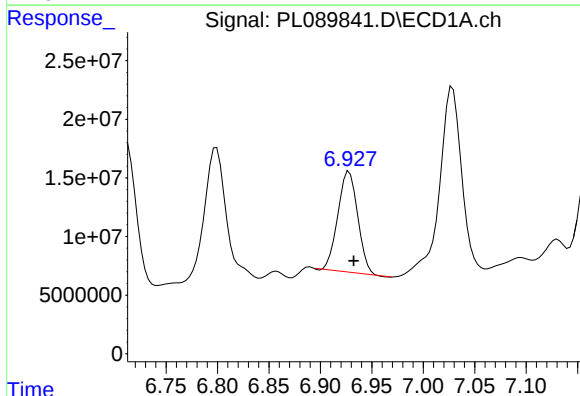
#17 4,4'-DDT

R.T.: 7.028 min  
Delta R.T.: -0.004 min  
Response: 231110348  
Conc: 164.56 ng/ml



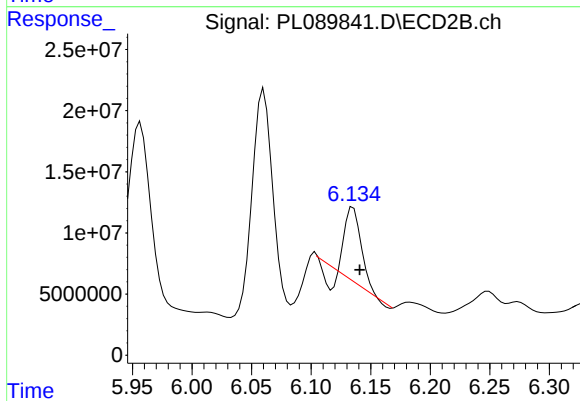
#17 4,4'-DDT

R.T.: 6.060 min  
Delta R.T.: -0.006 min  
Response: 201363128  
Conc: 167.77 ng/ml



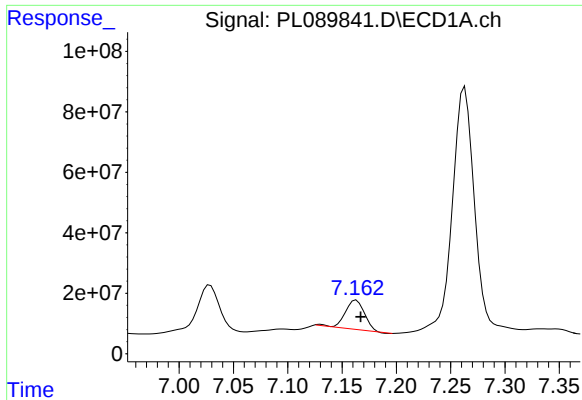
#18 Endrin aldehyde

R.T.: 6.928 min  
Delta R.T.: -0.005 min  
Response: 115587829  
Conc: 84.87 ng/ml



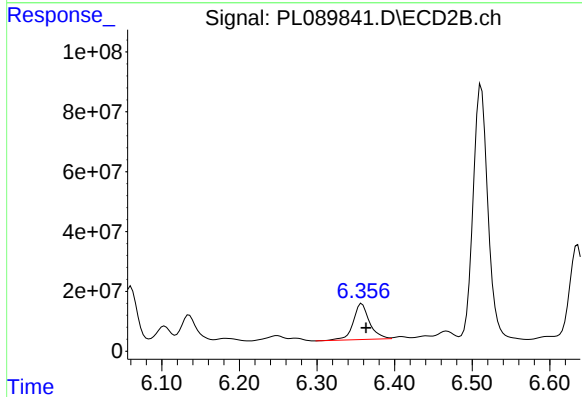
#18 Endrin aldehyde

R.T.: 6.135 min  
Delta R.T.: -0.005 min  
Response: 50433578  
Conc: 47.59 ng/ml



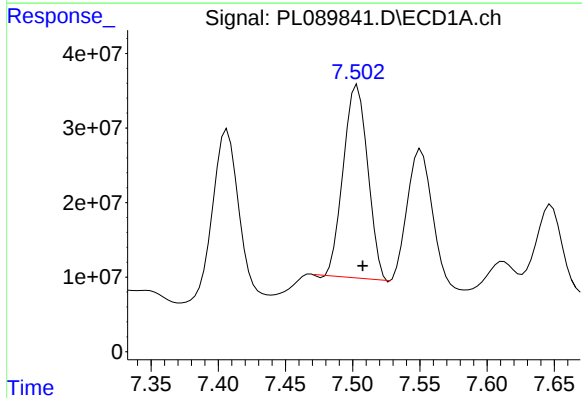
#19 Endosulfan Sulfate

R.T.: 7.163 min  
Delta R.T.: -0.004 min  
Response: 119784664  
Conc: 74.29 ng/ml



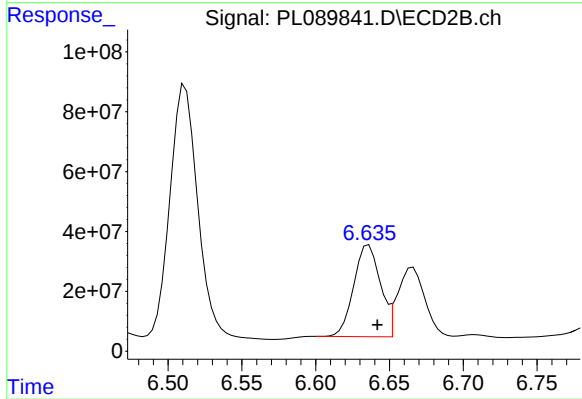
#19 Endosulfan Sulfate

R.T.: 6.358 min  
Delta R.T.: -0.006 min  
Response: 174225590  
Conc: 131.87 ng/ml



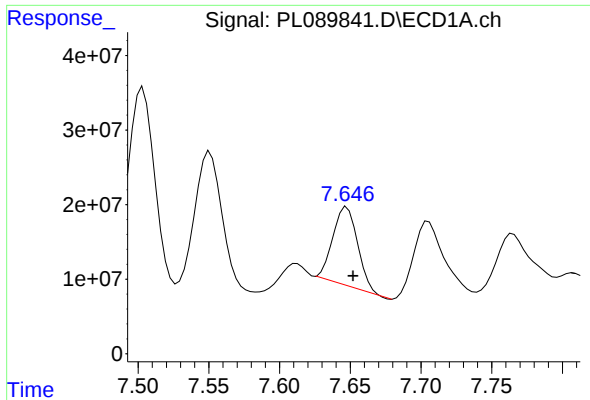
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: -0.004 min  
Response: 325809809  
Conc: 476.01 ng/ml



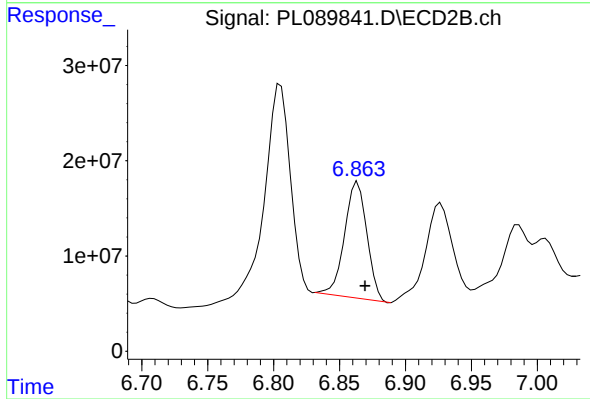
#20 Methoxychlor

R.T.: 6.636 min  
Delta R.T.: -0.006 min  
Response: 385238675  
Conc: 568.75 ng/ml



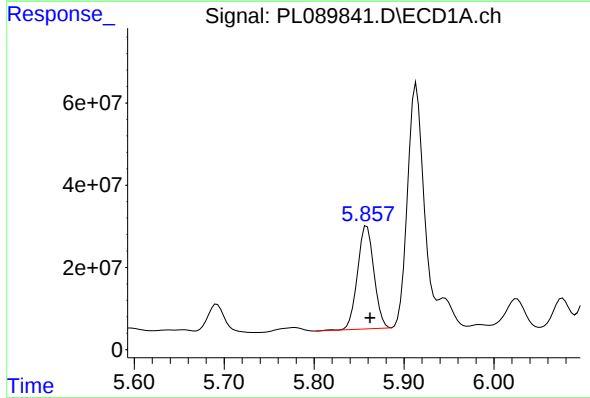
#21 Endrin ketone

R.T.: 7.648 min  
Delta R.T.: -0.005 min  
Response: 128920093  
Conc: 74.07 ng/ml



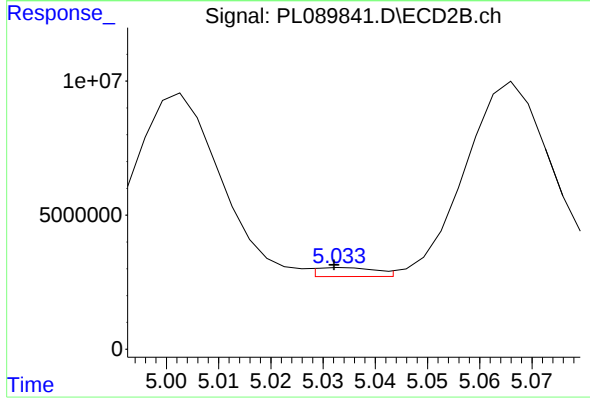
#21 Endrin ketone

R.T.: 6.864 min  
Delta R.T.: -0.005 min  
Response: 144150586  
Conc: 98.08 ng/ml



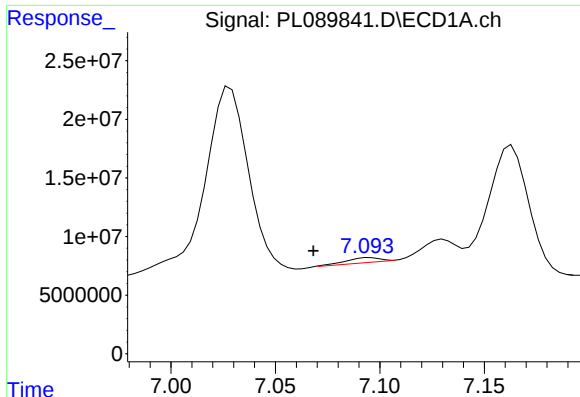
#22 Toxaphene-1

R.T.: 5.859 min  
Delta R.T.: -0.004 min  
Response: 317964780  
Conc: 42912.40 ng/ml



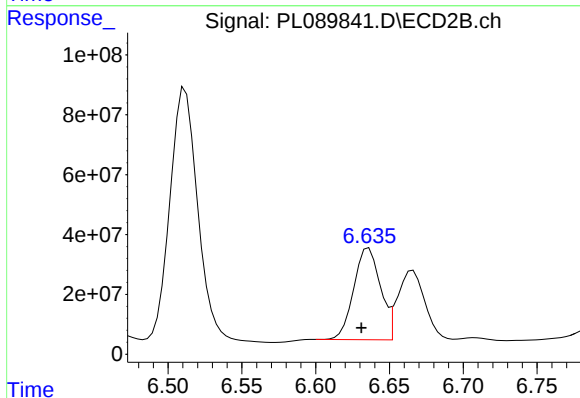
#22 Toxaphene-1

R.T.: 5.034 min  
Delta R.T.: 0.002 min  
Response: 2637406  
Conc: 308.30 ng/ml



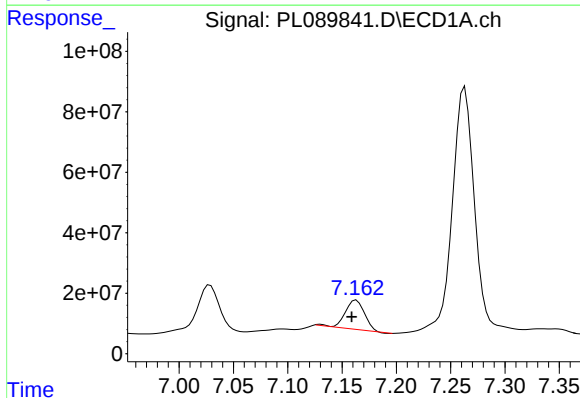
#24 Toxaphene-3

R.T.: 7.095 min  
Delta R.T.: 0.027 min  
Response: 4541589  
Conc: 104.16 ng/ml



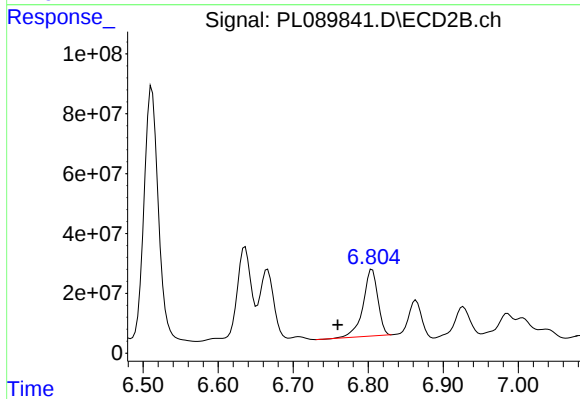
#24 Toxaphene-3

R.T.: 6.636 min  
Delta R.T.: 0.005 min  
Response: 385238675  
Conc: 13580.86 ng/ml



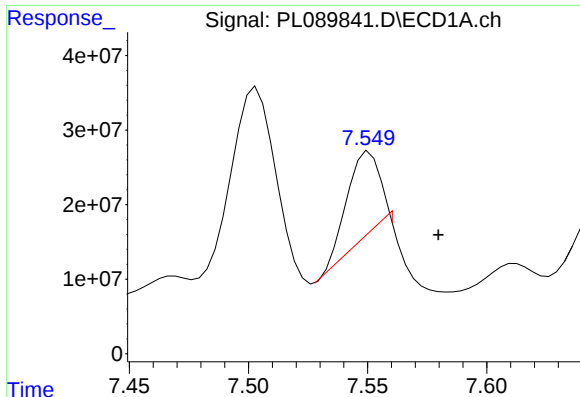
#25 Toxaphene-4

R.T.: 7.163 min  
Delta R.T.: 0.004 min  
Response: 119784664  
Conc: 3605.98 ng/ml



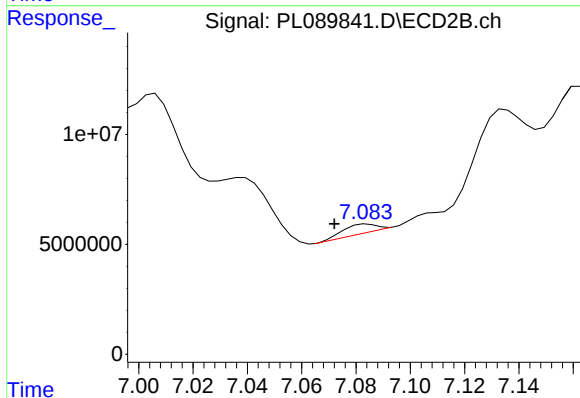
#25 Toxaphene-4

R.T.: 6.805 min  
Delta R.T.: 0.046 min  
Response: 304789490  
Conc: 7722.01 ng/ml



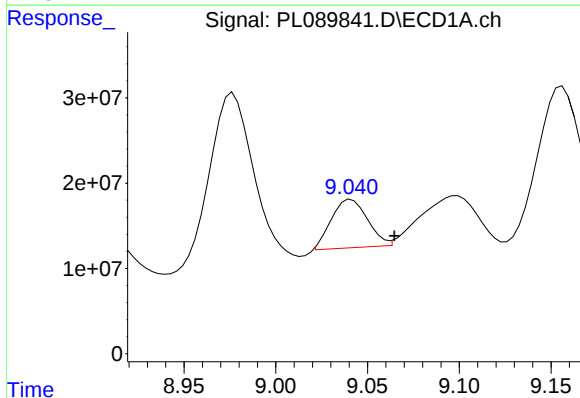
#26 Toxaphene-5

R.T.: 7.551 min  
Delta R.T.: -0.029 min  
Response: 105863561  
Conc: 4521.24 ng/ml



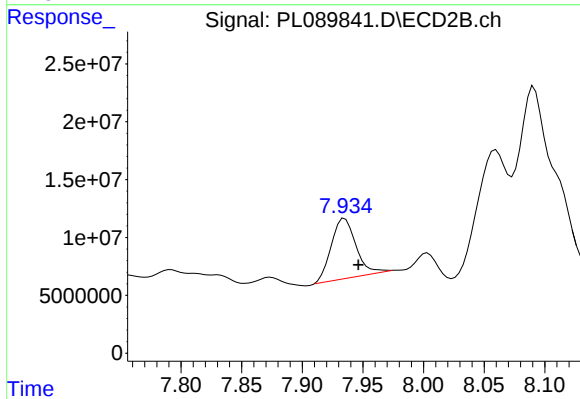
#26 Toxaphene-5

R.T.: 7.084 min  
Delta R.T.: 0.012 min  
Response: 3311425  
Conc: 129.31 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.041 min  
Delta R.T.: -0.023 min  
Response: 77366830  
Conc: 63.00 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.935 min  
Delta R.T.: -0.011 min  
Response: 73275477  
Conc: 61.08 ng/ml