

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013024\  
 Data File : PL088054.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jan 2024 18:36  
 Operator : AR\AJ  
 Sample : PB158703BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 21:20:47 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012724.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 29 12:34:13 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 x0.5µm

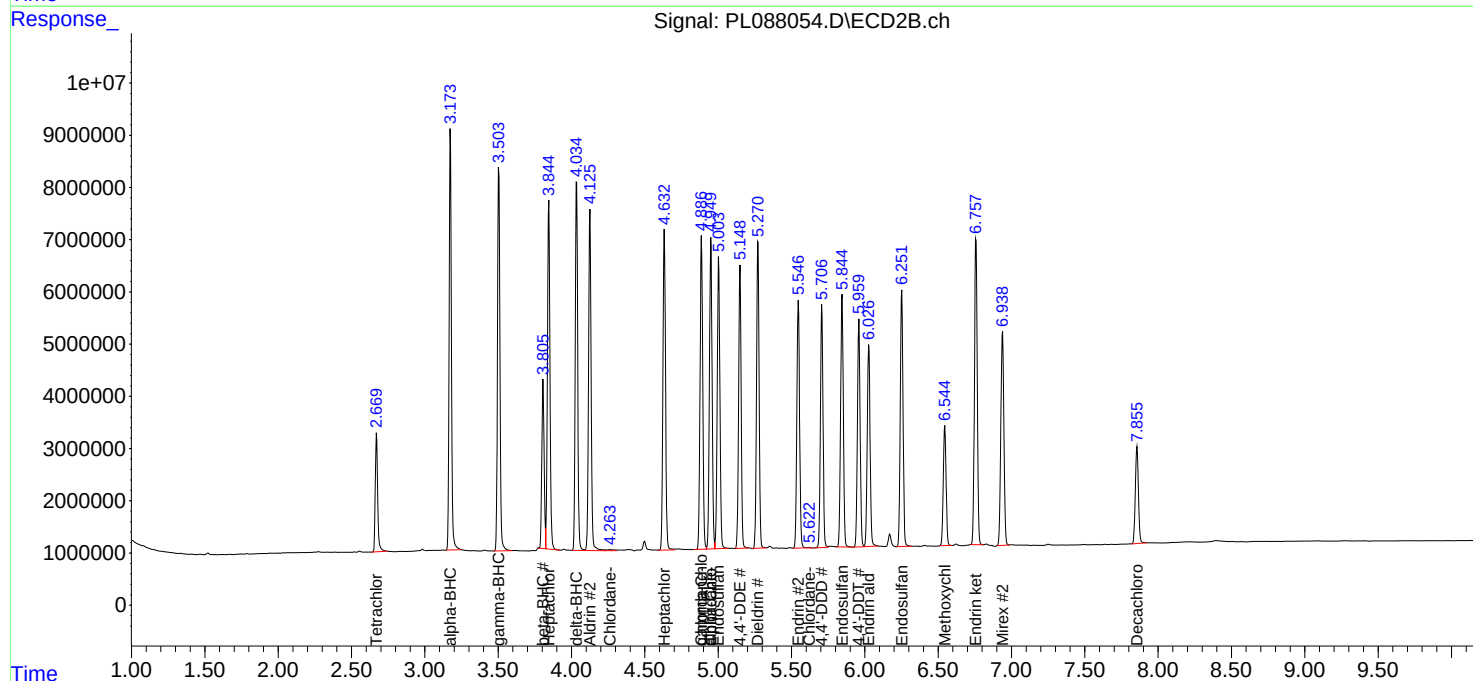
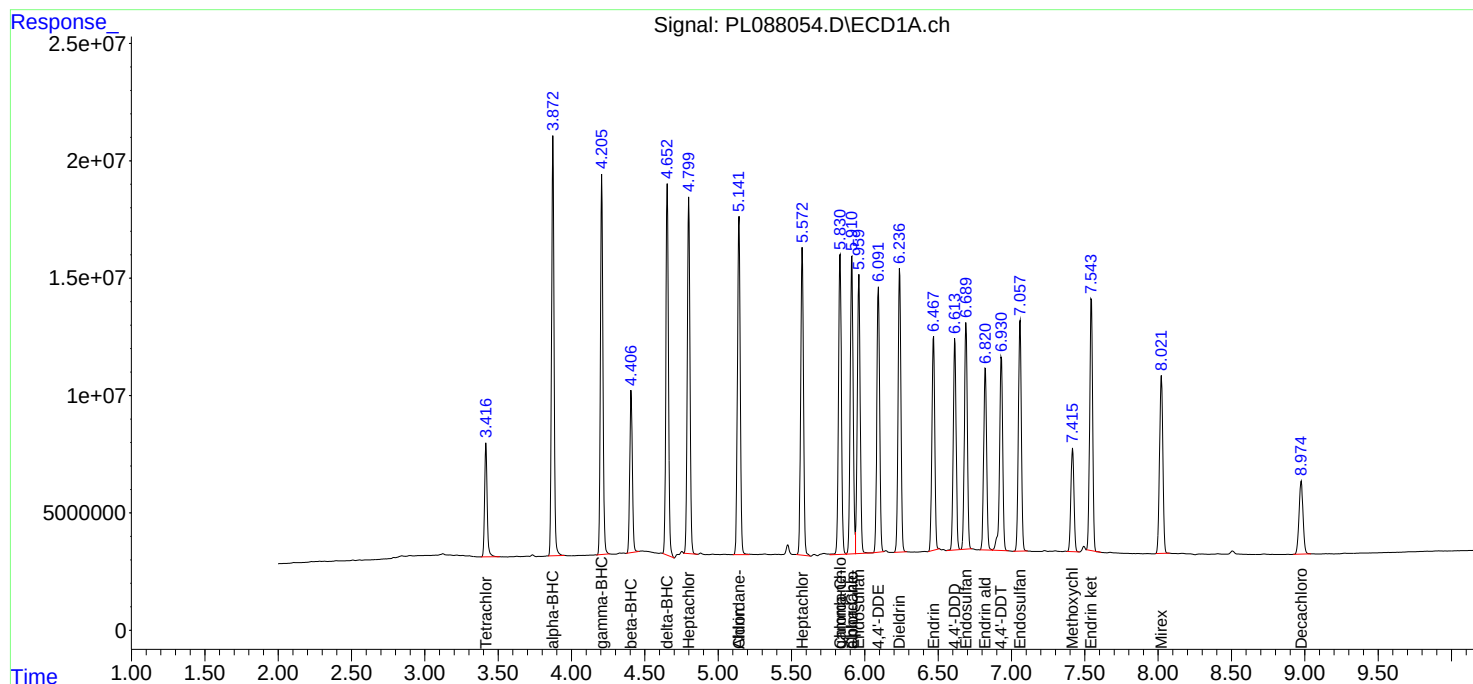
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|-----------|
| -----                       |                 |        |       |          |          |          |           |
| System Monitoring Compounds |                 |        |       |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.417  | 2.671 | 59928152 | 25335532 | 20.661   | 20.412    |
| 28)                         | SA Decachlor... | 8.976  | 7.856 | 58413561 | 27458253 | 21.796   | 22.577    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.874  | 3.174 | 208.7E6  | 87944459 | 47.971   | 47.804    |
| 3)                          | MA gamma-BHC... | 4.207  | 3.505 | 193.8E6  | 82949365 | 45.812   | 45.983    |
| 4)                          | MA Heptachlor   | 4.800  | 3.846 | 196.8E6  | 80440276 | 47.321   | 46.263    |
| 5)                          | MB Aldrin       | 5.142  | 4.126 | 190.8E6  | 80404473 | 46.702   | 46.274    |
| 6)                          | B beta-BHC      | 4.407  | 3.806 | 84558958 | 35050803 | 45.796   | 46.319    |
| 7)                          | B delta-BHC     | 4.653  | 4.035 | 190.9E6  | 80636755 | 46.885   | 46.372    |
| 8)                          | B Heptachlo...  | 5.574  | 4.633 | 176.8E6  | 74879944 | 46.812   | 48.084    |
| 9)                          | A Endosulfan I  | 5.960  | 5.004 | 162.9E6  | 69282177 | 47.951   | 48.968    |
| 10)                         | B gamma-Chl...  | 5.832  | 4.887 | 178.4E6  | 75182117 | 48.175   | 48.706    |
| 11)                         | B alpha-Chl...  | 5.912  | 4.951 | 174.5E6  | 74636526 | 47.604   | 47.894    |
| 12)                         | B 4,4'-DDE      | 6.093  | 5.149 | 149.2E6  | 65519839 | 49.602   | 51.287    |
| 13)                         | MA Dieldrin     | 6.238  | 5.272 | 165.0E6  | 72609986 | 46.451   | 47.366    |
| 14)                         | MA Endrin       | 6.469  | 5.547 | 125.5E6  | 60291668 | 41.561   | 44.517    |
| 15)                         | B Endosulfa...  | 6.690  | 5.845 | 131.8E6  | 61974345 | 43.409   | 47.539    |
| 16)                         | A 4,4'-DDD      | 6.614  | 5.707 | 122.5E6  | 57700091 | 50.929   | 54.872    |
| 17)                         | MA 4,4'-DDT     | 6.931  | 5.960 | 120.5E6  | 55154291 | 44.008   | 46.478    |
| 18)                         | B Endrin al...  | 6.822  | 6.028 | 109.0E6  | 50853483 | 46.835   | 50.364    |
| 19)                         | B Endosulfa...  | 7.058  | 6.252 | 136.8E6  | 64324279 | 47.275   | 50.658    |
| 20)                         | A Methoxychlor  | 7.417  | 6.546 | 63704755 | 30929346 | 40.998   | 43.577    |
| 21)                         | B Endrin ke...  | 7.545  | 6.758 | 149.6E6  | 77154679 | 48.858   | 51.965    |
| 22)                         | Mirex           | 8.022  | 6.939 | 118.8E6  | 58823666 | 44.154   | 45.662    |
| 24)                         | Chlordane-2     | 5.142f | 4.264 | 190.8E6  | 735726   | 1334.149 | 12.242 #  |
| 25)                         | Chlordane-3     | 5.832  | 4.887 | 178.4E6  | 75182117 | 333.862  | 475.840 # |
| 26)                         | Chlordane-4     | 5.912  | 4.951 | 174.5E6  | 74636526 | 265.407  | 446.810 # |
| 27)                         | Chlordane-5     | 0.000  | 5.623 | 0        | 90994    | N.D.     | 1.995 #   |
| -----                       |                 |        |       |          |          |          |           |

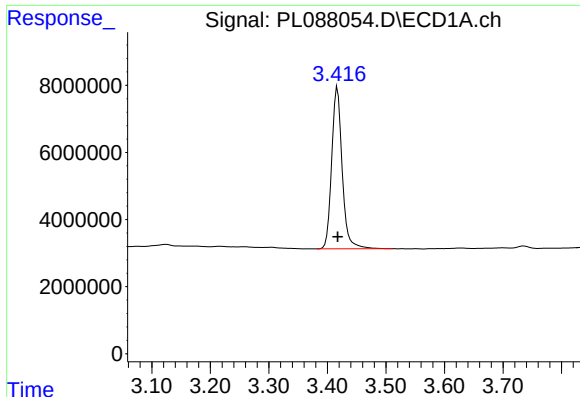
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013024\  
Data File : PL088054.D  
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Acq On : 30 Jan 2024 18:36  
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ALS Vial : 18 Sample Multiplier: 1

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Quant Title : GC Extractables  
QLast Update : Mon Jan 29 12:34:13 2024  
Response via : Initial Calibration  
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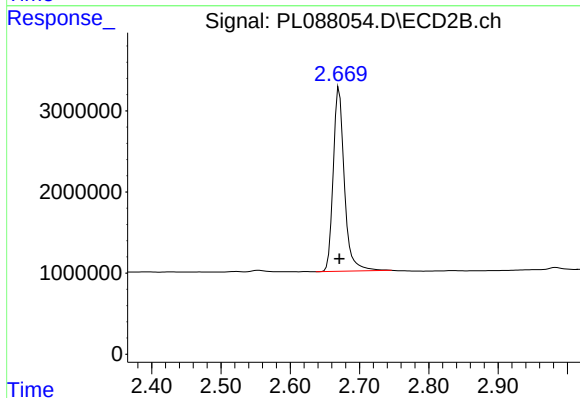
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





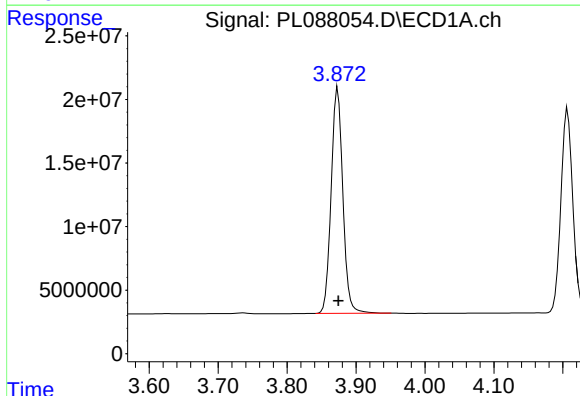
#1 Tetrachloro-m-xylene

R.T.: 3.417 min  
Delta R.T.: 0.000 min  
Response: 59928152  
Conc: 20.66 ng/ml



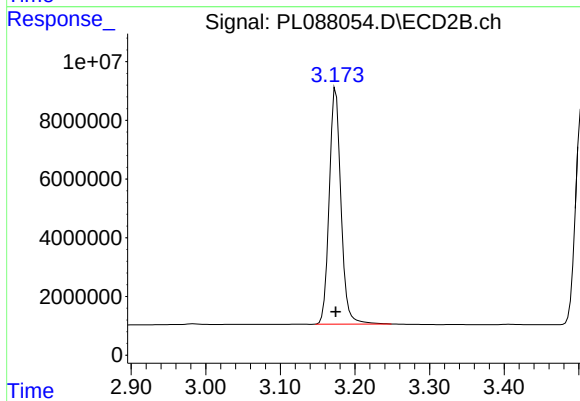
#1 Tetrachloro-m-xylene

R.T.: 2.671 min  
Delta R.T.: 0.000 min  
Response: 25335532  
Conc: 20.41 ng/ml



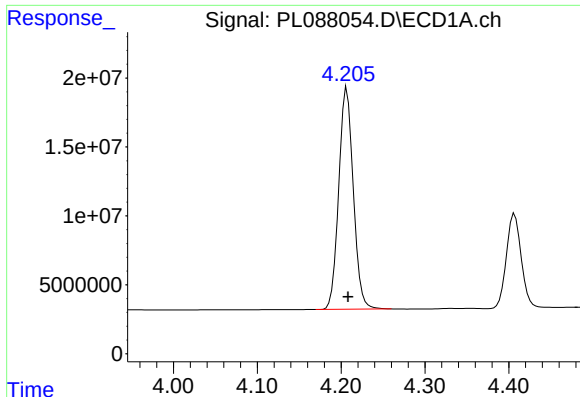
#2 alpha-BHC

R.T.: 3.874 min  
Delta R.T.: 0.000 min  
Response: 208720132  
Conc: 47.97 ng/ml



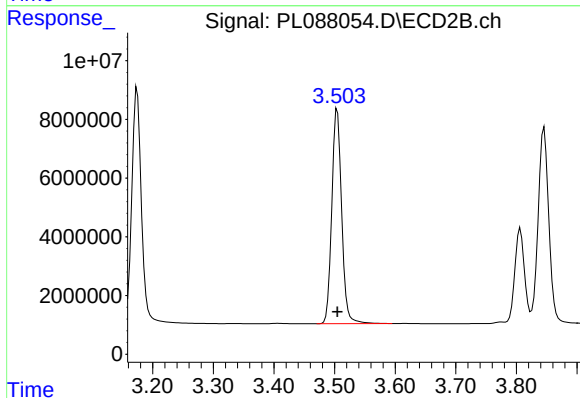
#2 alpha-BHC

R.T.: 3.174 min  
Delta R.T.: 0.000 min  
Response: 87944459  
Conc: 47.80 ng/ml



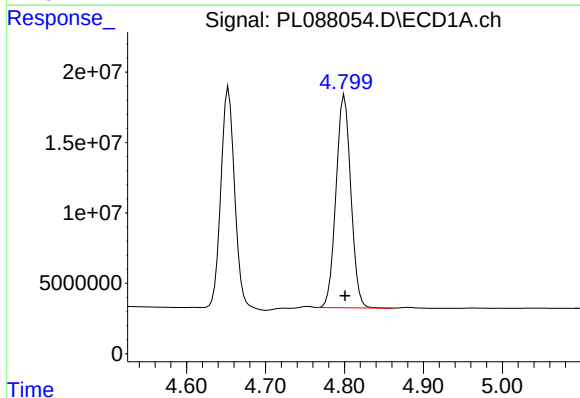
#3 gamma-BHC (Lindane)

R.T.: 4.207 min  
Delta R.T.: -0.001 min  
Response: 193846419  
Conc: 45.81 ng/ml



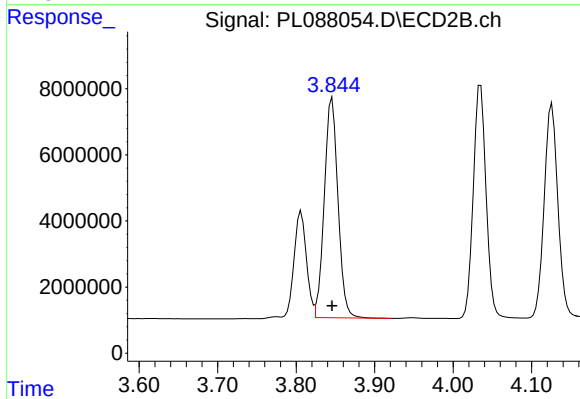
#3 gamma-BHC (Lindane)

R.T.: 3.505 min  
Delta R.T.: 0.000 min  
Response: 82949365  
Conc: 45.98 ng/ml



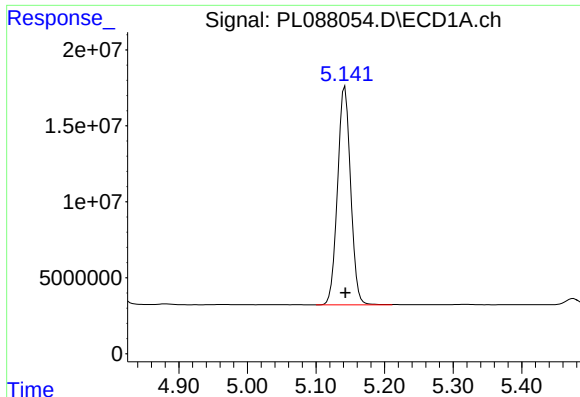
#4 Heptachlor

R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 196839632  
Conc: 47.32 ng/ml



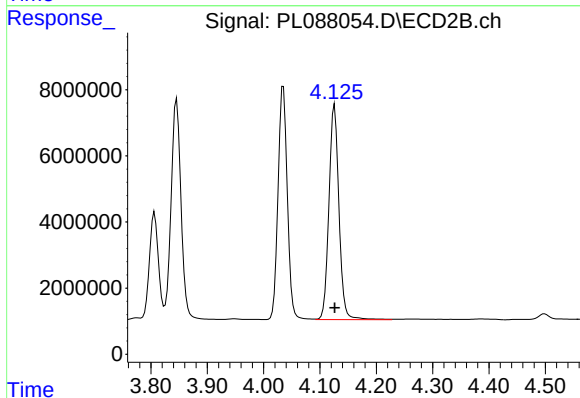
#4 Heptachlor

R.T.: 3.846 min  
Delta R.T.: 0.000 min  
Response: 80440276  
Conc: 46.26 ng/ml



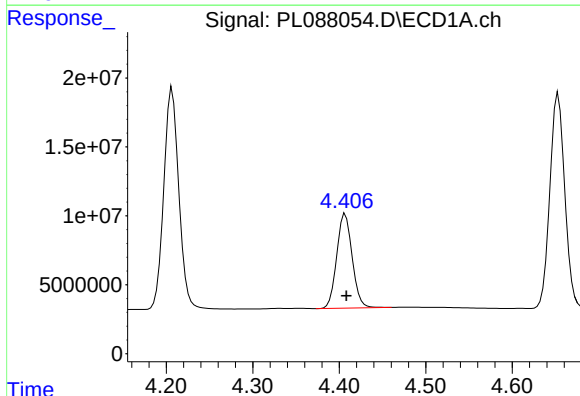
#5 Aldrin

R.T.: 5.142 min  
Delta R.T.: 0.000 min  
Response: 190754310  
Conc: 46.70 ng/ml



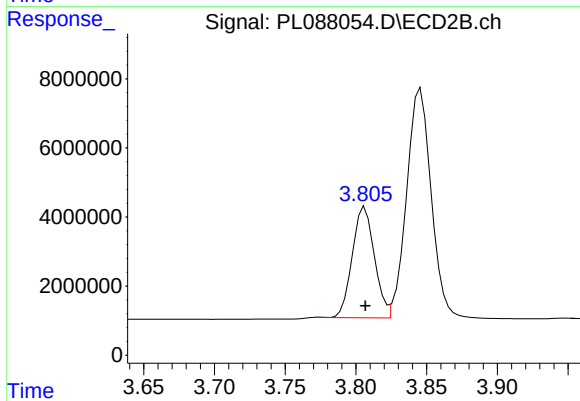
#5 Aldrin

R.T.: 4.126 min  
Delta R.T.: 0.000 min  
Response: 80404473  
Conc: 46.27 ng/ml



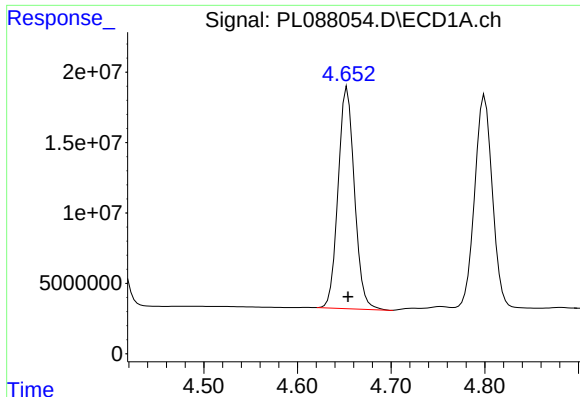
#6 beta-BHC

R.T.: 4.407 min  
Delta R.T.: -0.001 min  
Response: 84558958  
Conc: 45.80 ng/ml



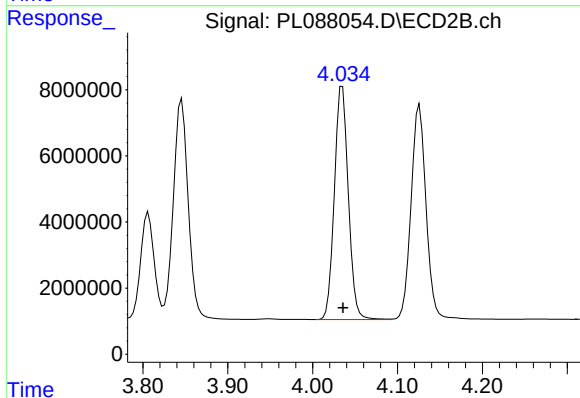
#6 beta-BHC

R.T.: 3.806 min  
Delta R.T.: 0.000 min  
Response: 35050803  
Conc: 46.32 ng/ml



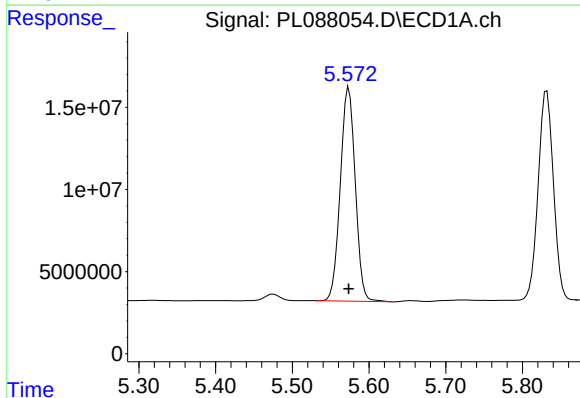
#7 delta-BHC

R.T.: 4.653 min  
Delta R.T.: 0.000 min  
Response: 190879944  
Conc: 46.88 ng/ml



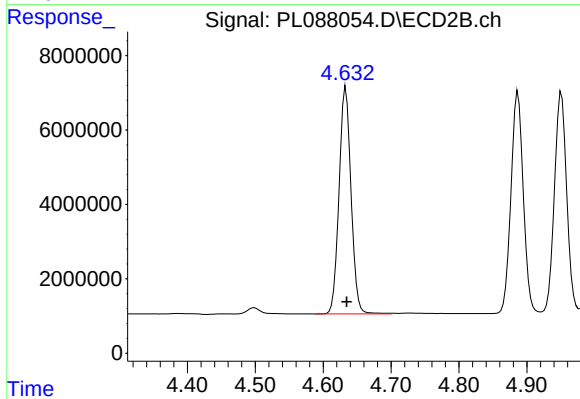
#7 delta-BHC

R.T.: 4.035 min  
Delta R.T.: 0.000 min  
Response: 80636755  
Conc: 46.37 ng/ml



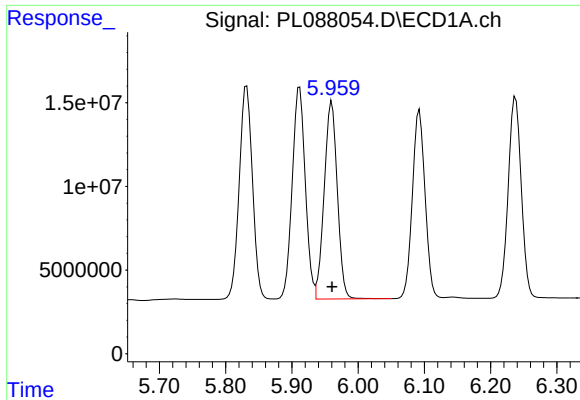
#8 Heptachlor epoxide

R.T.: 5.574 min  
Delta R.T.: 0.000 min  
Response: 176847801  
Conc: 46.81 ng/ml



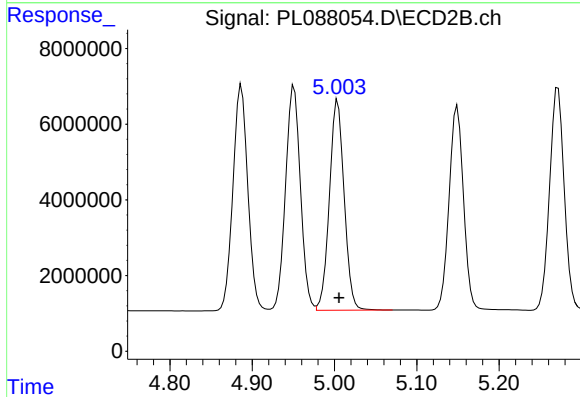
#8 Heptachlor epoxide

R.T.: 4.633 min  
Delta R.T.: -0.001 min  
Response: 74879944  
Conc: 48.08 ng/ml



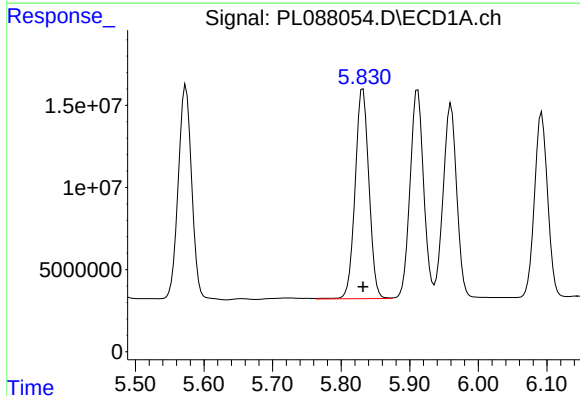
#9 Endosulfan I

R.T.: 5.960 min  
Delta R.T.: 0.000 min  
Response: 162932533  
Conc: 47.95 ng/ml



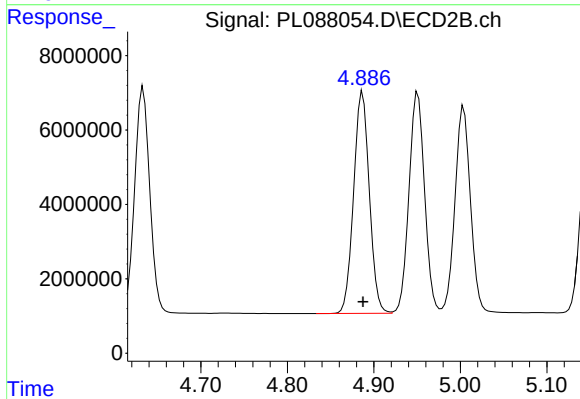
#9 Endosulfan I

R.T.: 5.004 min  
Delta R.T.: -0.001 min  
Response: 69282177  
Conc: 48.97 ng/ml



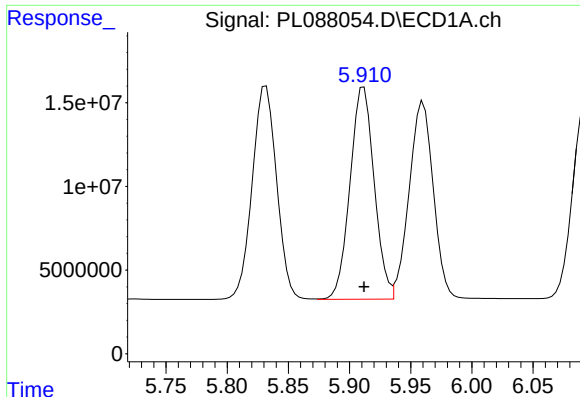
#10 gamma-Chlordane

R.T.: 5.832 min  
Delta R.T.: 0.000 min  
Response: 178355449  
Conc: 48.17 ng/ml



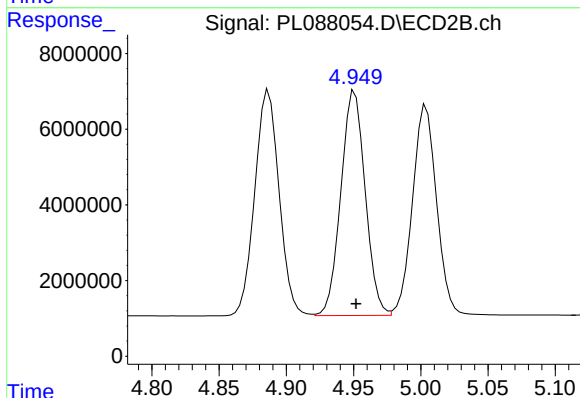
#10 gamma-Chlordane

R.T.: 4.887 min  
Delta R.T.: 0.000 min  
Response: 75182117  
Conc: 48.71 ng/ml



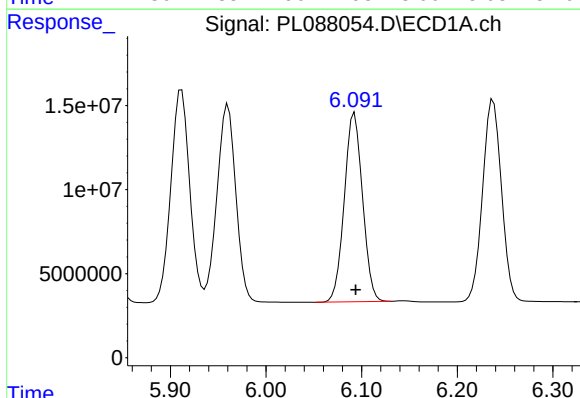
#11 alpha-Chlordane

R.T.: 5.912 min  
Delta R.T.: 0.000 min  
Response: 174548328  
Conc: 47.60 ng/ml



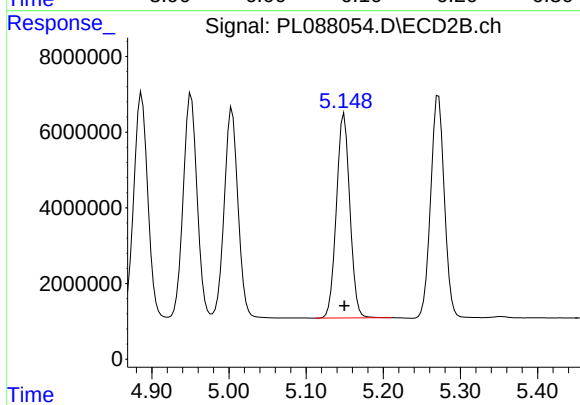
#11 alpha-Chlordane

R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 74636526  
Conc: 47.89 ng/ml



#12 4,4'-DDE

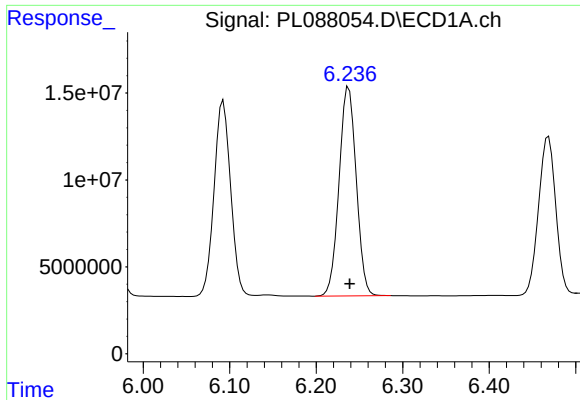
R.T.: 6.093 min  
Delta R.T.: -0.001 min  
Response: 149188928  
Conc: 49.60 ng/ml



#12 4,4'-DDE

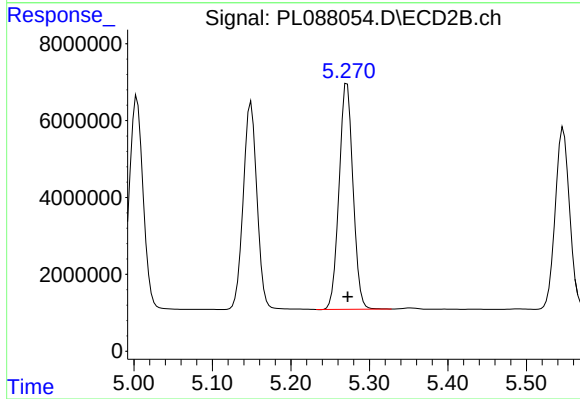
R.T.: 5.149 min  
Delta R.T.: 0.000 min  
Response: 65519839  
Conc: 51.29 ng/ml





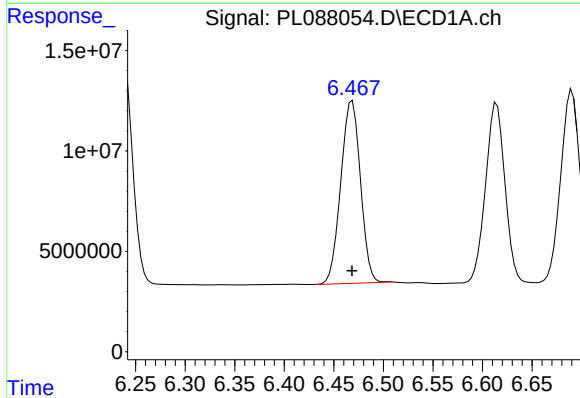
#13 Dieldrin

R.T.: 6.238 min  
Delta R.T.: -0.001 min  
Response: 165026788  
Conc: 46.45 ng/ml



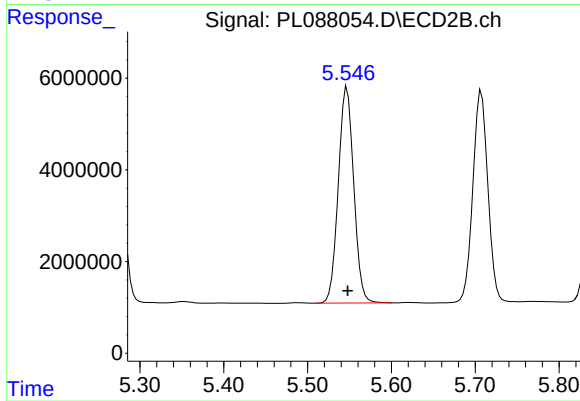
#13 Dieldrin

R.T.: 5.272 min  
Delta R.T.: 0.000 min  
Response: 72609986  
Conc: 47.37 ng/ml



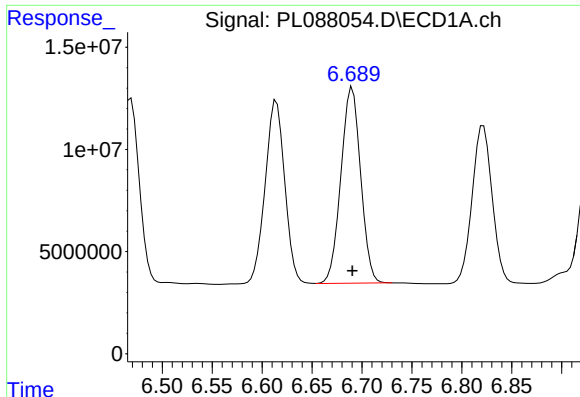
#14 Endrin

R.T.: 6.469 min  
Delta R.T.: 0.000 min  
Response: 125549716  
Conc: 41.56 ng/ml



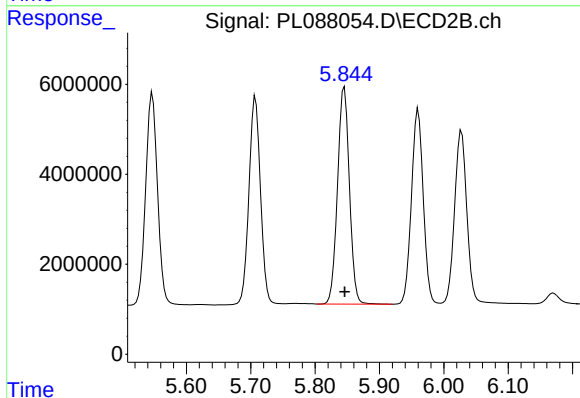
#14 Endrin

R.T.: 5.547 min  
Delta R.T.: -0.001 min  
Response: 60291668  
Conc: 44.52 ng/ml



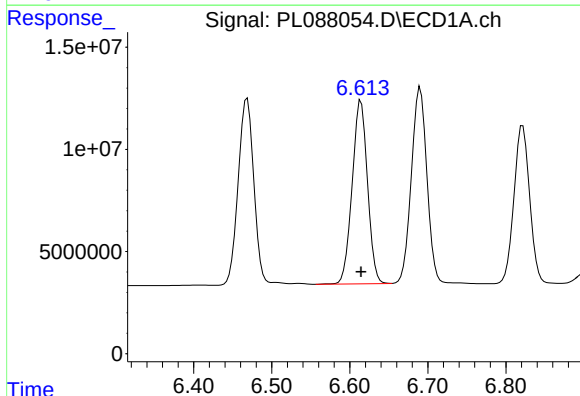
#15 Endosulfan II

R.T.: 6.690 min  
Delta R.T.: 0.000 min  
Response: 131825254  
Conc: 43.41 ng/ml



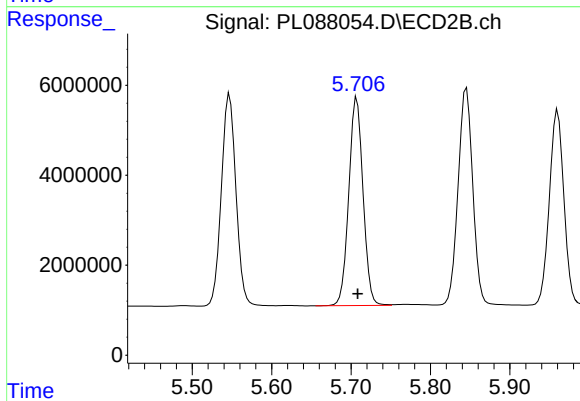
#15 Endosulfan II

R.T.: 5.845 min  
Delta R.T.: 0.000 min  
Response: 61974345  
Conc: 47.54 ng/ml



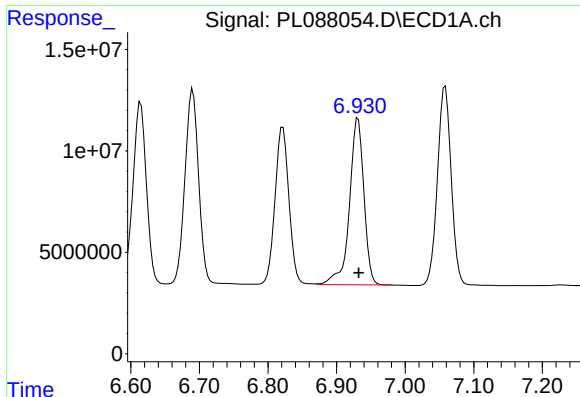
#16 4,4'-DDD

R.T.: 6.614 min  
Delta R.T.: 0.000 min  
Response: 122540082  
Conc: 50.93 ng/ml



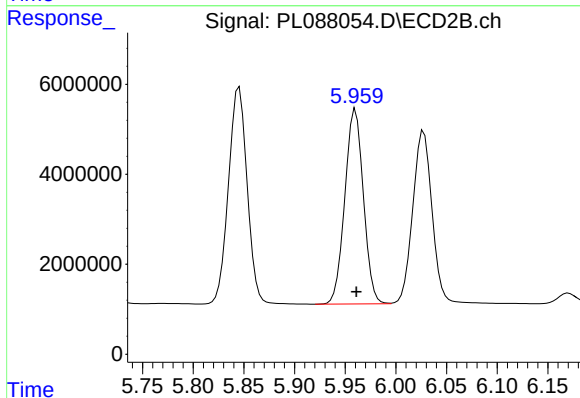
#16 4,4'-DDD

R.T.: 5.707 min  
Delta R.T.: -0.001 min  
Response: 57700091  
Conc: 54.87 ng/ml



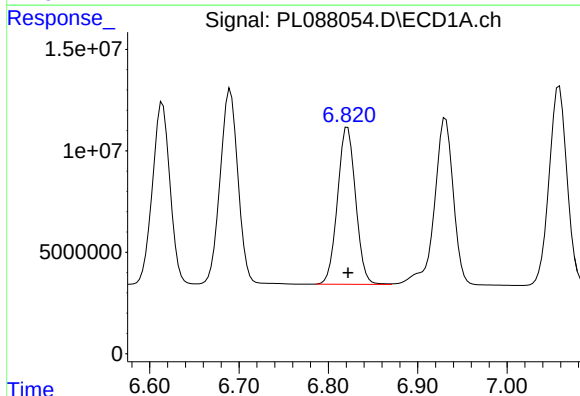
#17 4,4'-DDT

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 120450118  
Conc: 44.01 ng/ml



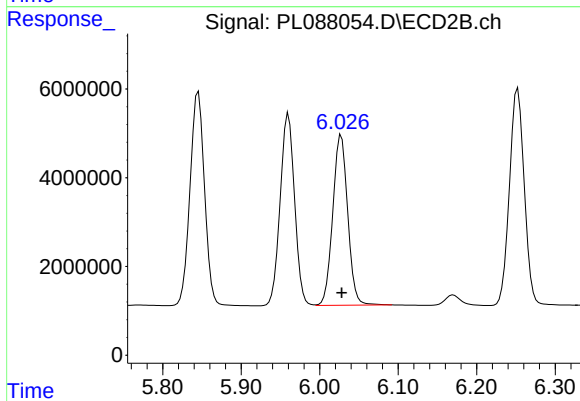
#17 4,4'-DDT

R.T.: 5.960 min  
Delta R.T.: 0.000 min  
Response: 55154291  
Conc: 46.48 ng/ml



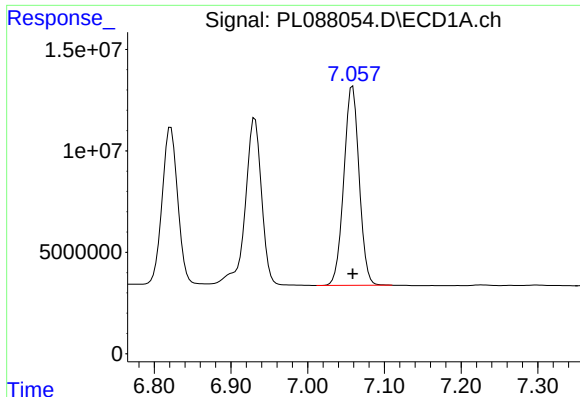
#18 Endrin aldehyde

R.T.: 6.822 min  
Delta R.T.: 0.000 min  
Response: 109024373  
Conc: 46.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.028 min  
Delta R.T.: 0.000 min  
Response: 50853483  
Conc: 50.36 ng/ml



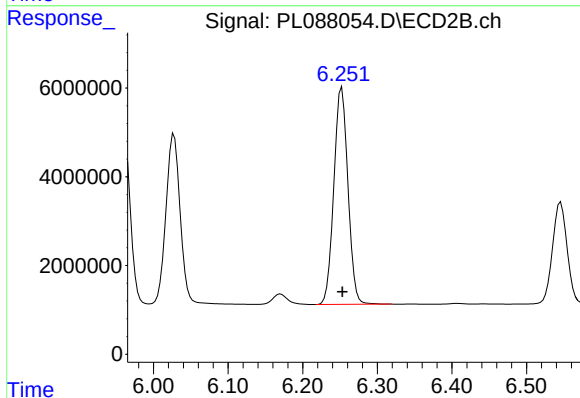
#19 Endosulfan Sulfate

R.T.: 7.058 min

Delta R.T.: 0.000 min

Response: 136826477

Conc: 47.27 ng/ml



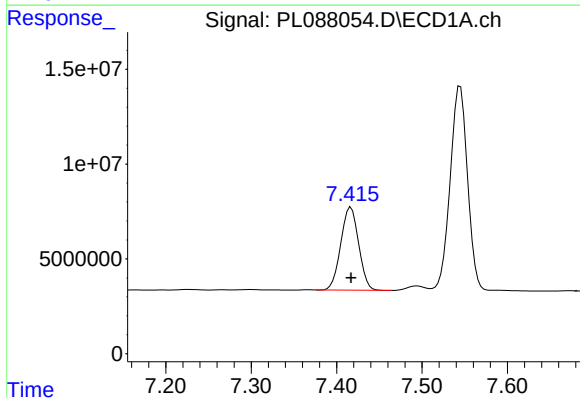
#19 Endosulfan Sulfate

R.T.: 6.252 min

Delta R.T.: 0.000 min

Response: 64324279

Conc: 50.66 ng/ml



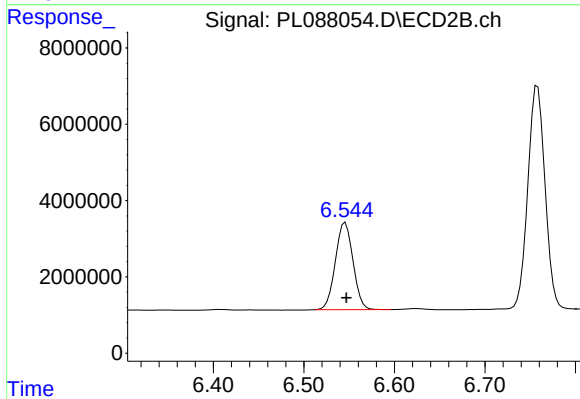
#20 Methoxychlor

R.T.: 7.417 min

Delta R.T.: 0.000 min

Response: 63704755

Conc: 41.00 ng/ml



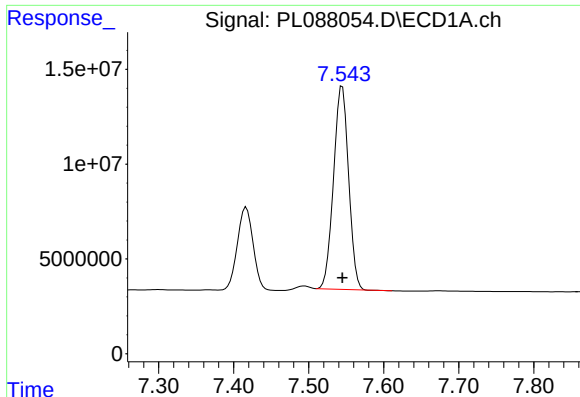
#20 Methoxychlor

R.T.: 6.546 min

Delta R.T.: -0.001 min

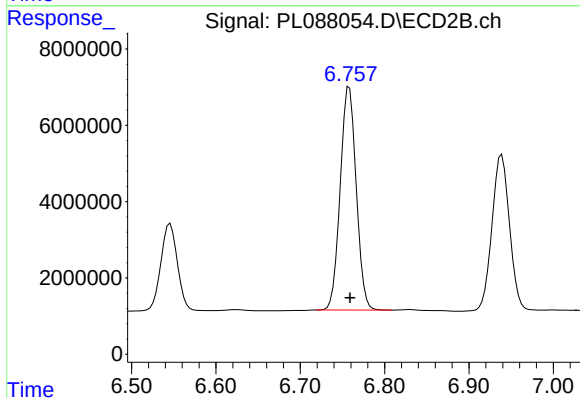
Response: 30929346

Conc: 43.58 ng/ml



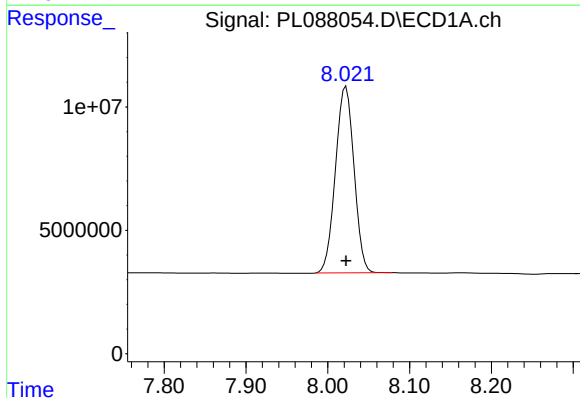
#21 Endrin ketone

R.T.: 7.545 min  
Delta R.T.: 0.000 min  
Response: 149587671  
Conc: 48.86 ng/ml



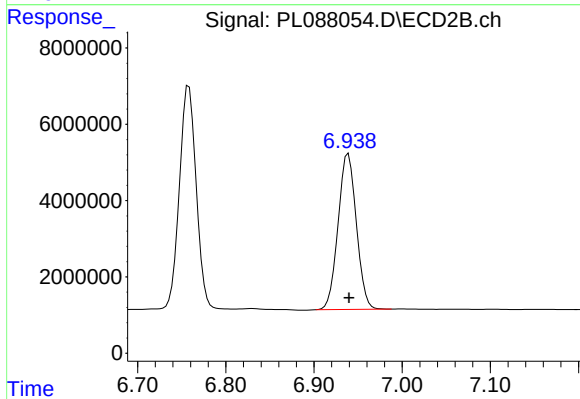
#21 Endrin ketone

R.T.: 6.758 min  
Delta R.T.: 0.000 min  
Response: 77154679  
Conc: 51.97 ng/ml



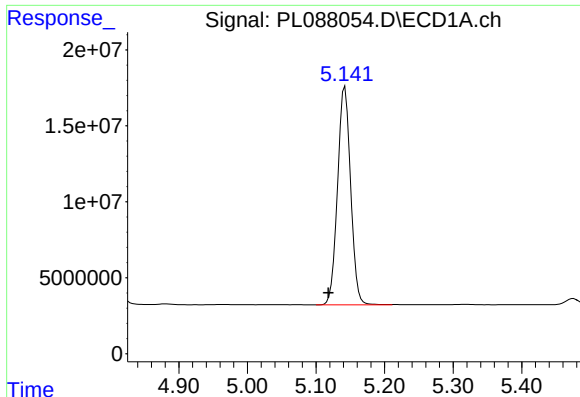
#22 Mirex

R.T.: 8.022 min  
Delta R.T.: 0.000 min  
Response: 118846173  
Conc: 44.15 ng/ml



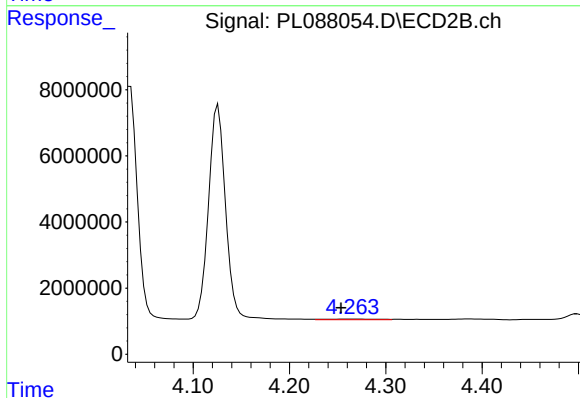
#22 Mirex

R.T.: 6.939 min  
Delta R.T.: 0.000 min  
Response: 58823666  
Conc: 45.66 ng/ml



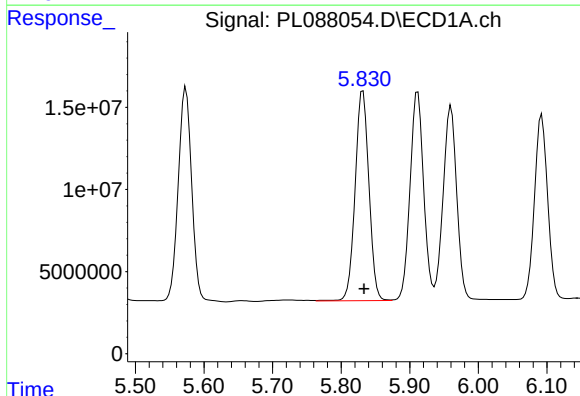
#24 Chlordane-2

R.T.: 5.142 min  
Delta R.T.: 0.024 min  
Response: 190754310  
Conc: 1334.15 ng/ml



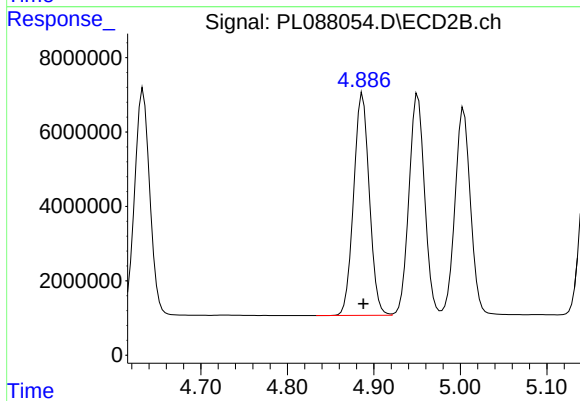
#24 Chlordane-2

R.T.: 4.264 min  
Delta R.T.: 0.011 min  
Response: 735726  
Conc: 12.24 ng/ml



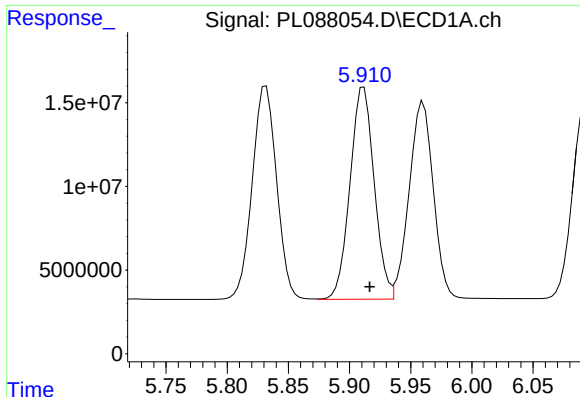
#25 Chlordane-3

R.T.: 5.832 min  
Delta R.T.: -0.002 min  
Response: 178355449  
Conc: 333.86 ng/ml



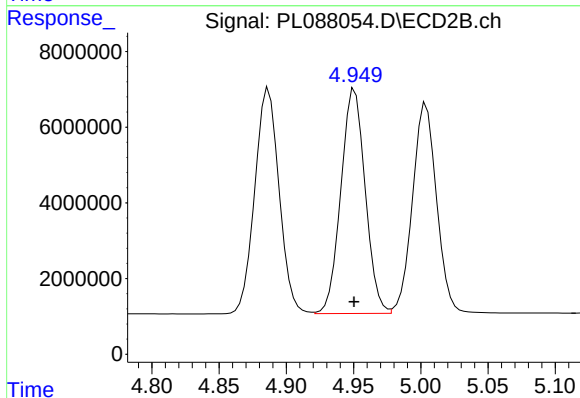
#25 Chlordane-3

R.T.: 4.887 min  
Delta R.T.: 0.000 min  
Response: 75182117  
Conc: 475.84 ng/ml



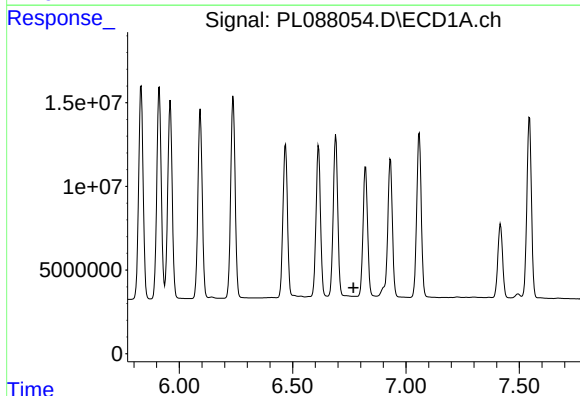
#26 Chlordane-4

R.T.: 5.912 min  
Delta R.T.: -0.005 min  
Response: 174548328  
Conc: 265.41 ng/ml



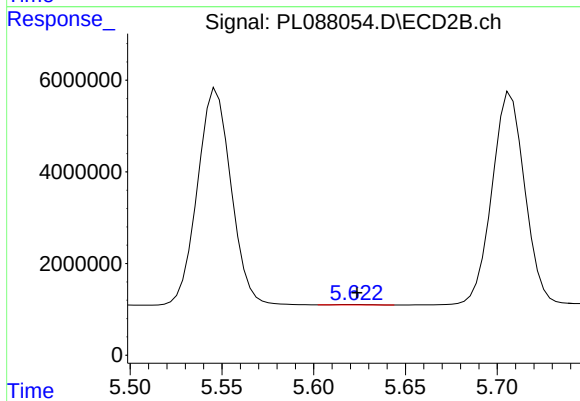
#26 Chlordane-4

R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 74636526  
Conc: 446.81 ng/ml



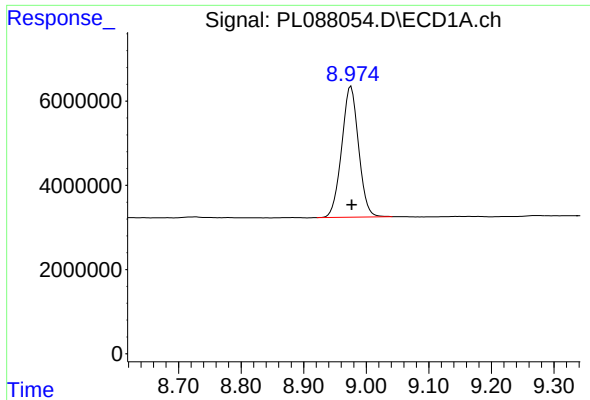
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.769 min  
Response: 0  
Conc: N.D.



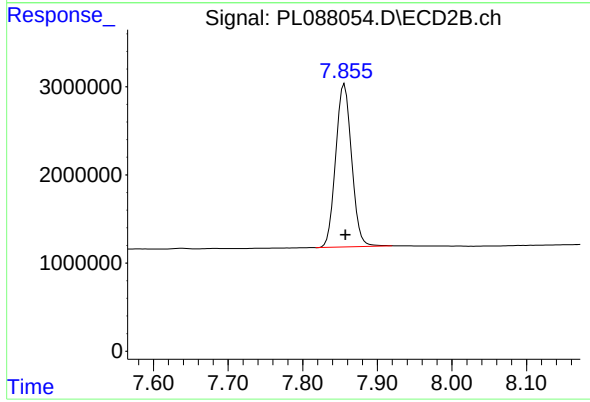
#27 Chlordane-5

R.T.: 5.623 min  
Delta R.T.: 0.000 min  
Response: 90994  
Conc: 1.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.976 min  
Delta R.T.: -0.001 min  
Response: 58413561  
Conc: 21.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.856 min  
Delta R.T.: 0.000 min  
Response: 27458253  
Conc: 22.58 ng/ml