

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060222\  
 Data File : PL075376.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jun 2022 12:07  
 Operator : AR\AJ  
 Sample : N3099-05MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

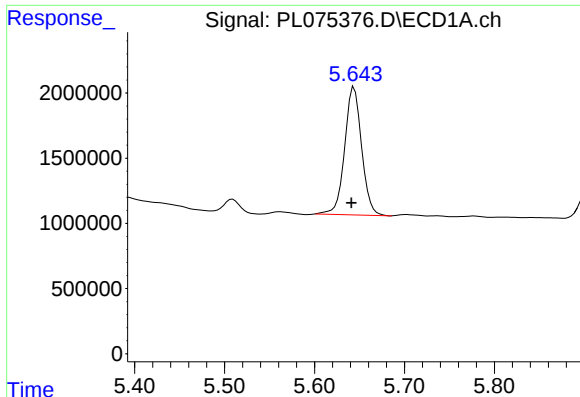
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 03 06:02:05 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052822.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 01 10:19:11 2022  
 Response via : Initial Calibration  
 Integrator: 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... | 5.644  | 4.643  | 12846853 | 28428298 | 21.858   | 17.946    |
| 28)                         | SA Decachlor... | 11.641 | 10.389 | 10050577 | 23515174 | 18.745   | 17.136    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.228  | 5.345  | 38902606 | 102.2E6  | 47.139   | 47.207    |
| 3)                          | MA gamma-BHC... | 6.625  | 5.766  | 37989045 | 100.1E6  | 48.538   | 47.650    |
| 4)                          | MA Heptachlor   | 7.280  | 6.175  | 46655324 | 112.9E6  | 58.253   | 55.389    |
| 5)                          | MB Aldrin       | 7.655  | 6.499  | 44267769 | 110.0E6  | 60.706   | 56.974    |
| 6)                          | B beta-BHC      | 6.877  | 6.144  | 22193506 | 54848842 | 59.611   | 56.511    |
| 7)                          | B delta-BHC     | 7.147  | 6.404  | 17581184 | 49409844 | 22.896   | 23.032    |
| 8)                          | B Heptachlo...  | 8.122  | 7.072  | 42391823 | 107.1E6  | 62.094   | 58.623    |
| 9)                          | A Endosulfan I  | 8.531  | 7.474  | 4415744  | 12108312 | 7.031    | 7.165     |
| 10)                         | B gamma-Chl...  | 8.393  | 7.348  | 43211606 | 106.6E6  | 64.072   | 57.944    |
| 11)                         | B alpha-Chl...  | 8.475  | 7.417  | 42040566 | 106.6E6  | 62.046   | 58.355    |
| 12)                         | B 4,4'-DDE      | 8.661  | 7.630  | 35916379 | 94792015 | 61.739   | 58.201    |
| 13)                         | MA Dieldrin     | 8.822  | 7.760  | 40894524 | 104.4E6  | 64.533   | 60.166    |
| 14)                         | MA Endrin       | 9.062  | 8.050  | 36192495 | 90669102 | 68.155   | 58.245    |
| 15)                         | B Endosulfa...  | 9.296  | 8.359  | 2747441  | 5712696  | 4.868    | 3.629 #   |
| 16)                         | A 4,4'-DDD      | 9.202  | 8.213  | 30860591 | 60918826 | 62.399   | 45.574 #  |
| 17)                         | MA 4,4'-DDT     | 9.521  | 8.474  | 33518461 | 81681050 | 57.545   | 57.114    |
| 18)                         | B Endrin al...  | 9.431  | 8.547  | 26486058 | 63811433 | 60.267   | 52.931    |
| 19)                         | B Endosulfa...  | 9.669  | 8.777  | 34056514 | 77224920 | 61.224   | 51.594    |
| 20)                         | A Methoxychlor  | 10.007 | 9.066  | 18942274 | 46395084 | 61.845   | 57.133    |
| 21)                         | B Endrin ke...  | 10.171 | 9.295  | 33923320 | 82253129 | 55.254   | 51.435    |
| 22)                         | Mirex           | 10.644 | 9.482  | 26284231 | 66839436 | 54.222   | 52.563    |
| 23)                         | Chlordane-1     | 0.000  | 5.952  | 0        | 1785796  | N.D.     | 32.073 #  |
| 24)                         | Chlordane-2     | 7.655f | 0.000  | 44267769 | 0        | 1554.421 | N.D. #    |
| 25)                         | Chlordane-3     | 8.393  | 7.348  | 43211606 | 106.6E6  | 464.380  | 603.751 # |
| 26)                         | Chlordane-4     | 8.475  | 7.417  | 42040566 | 106.6E6  | 370.441  | 564.468 # |
| -----                       |                 |        |        |          |          |          |           |

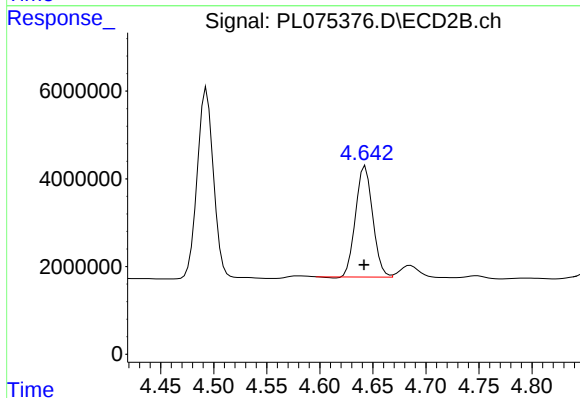
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.





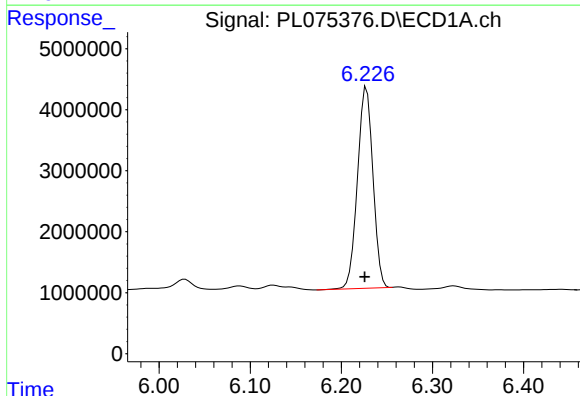
#1 Tetrachloro-m-xylene

R.T.: 5.644 min  
Delta R.T.: 0.003 min  
Response: 12846853  
Conc: 21.86 ng/ml



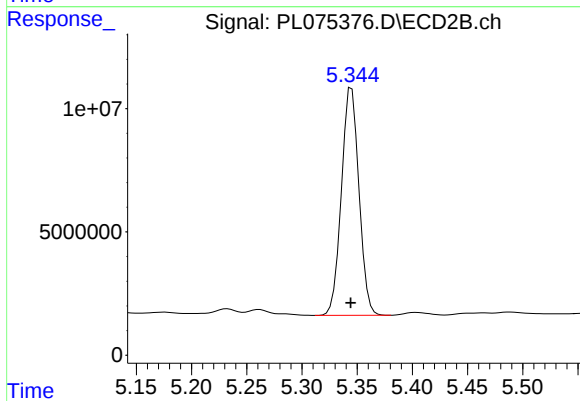
#1 Tetrachloro-m-xylene

R.T.: 4.643 min  
Delta R.T.: 0.001 min  
Response: 28428298  
Conc: 17.95 ng/ml



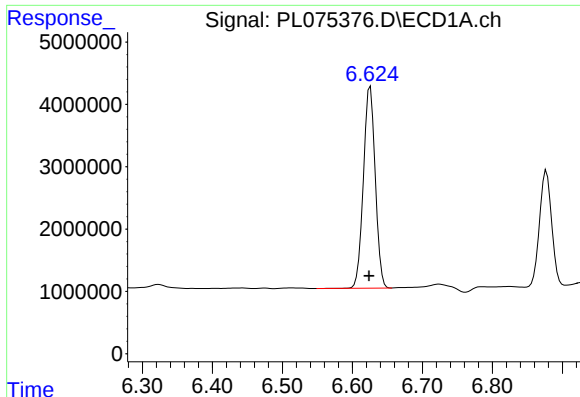
#2 alpha-BHC

R.T.: 6.228 min  
Delta R.T.: 0.002 min  
Response: 38902606  
Conc: 47.14 ng/ml



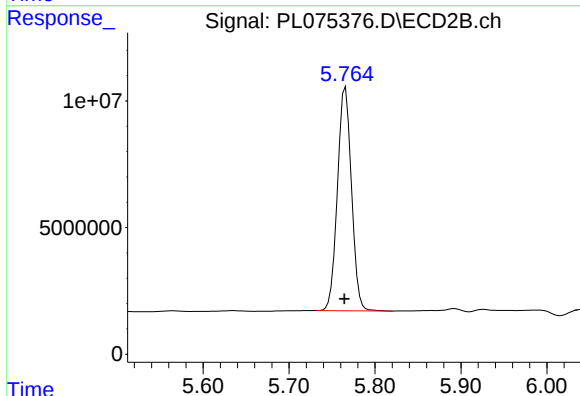
#2 alpha-BHC

R.T.: 5.345 min  
Delta R.T.: 0.000 min  
Response: 102167847  
Conc: 47.21 ng/ml



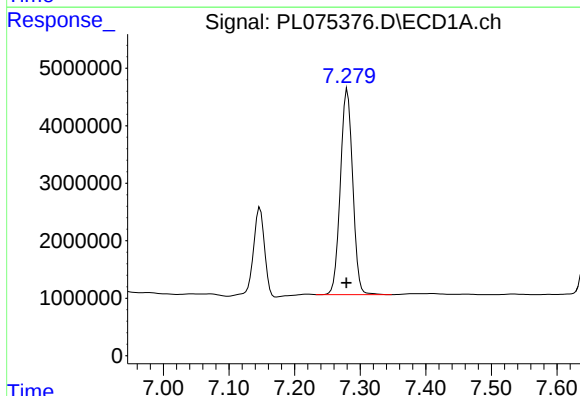
#3 gamma-BHC (Lindane)

R.T.: 6.625 min  
Delta R.T.: 0.002 min  
Response: 37989045  
Conc: 48.54 ng/ml



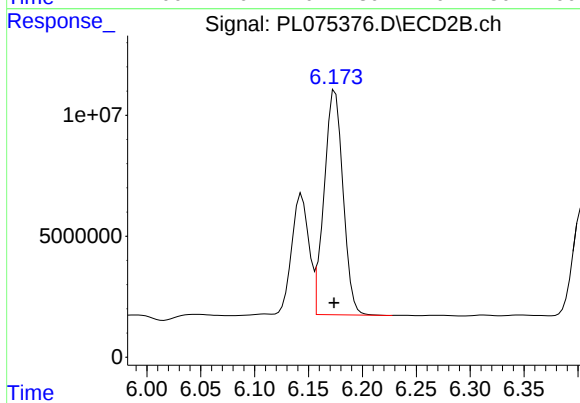
#3 gamma-BHC (Lindane)

R.T.: 5.766 min  
Delta R.T.: 0.001 min  
Response: 100072157  
Conc: 47.65 ng/ml



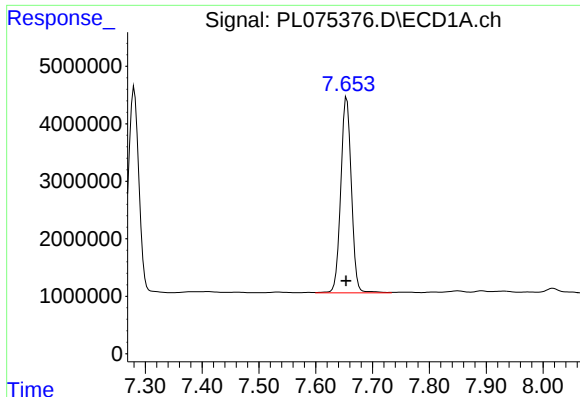
#4 Heptachlor

R.T.: 7.280 min  
Delta R.T.: 0.002 min  
Response: 46655324  
Conc: 58.25 ng/ml



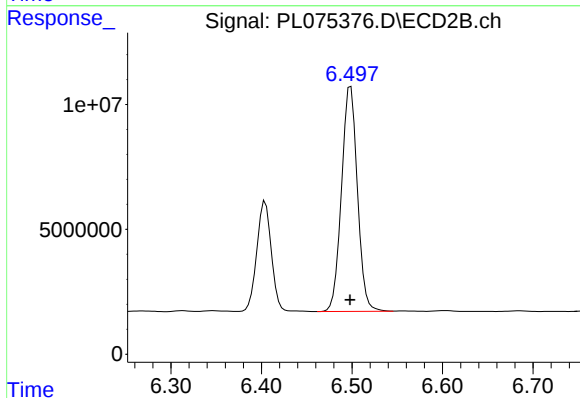
#4 Heptachlor

R.T.: 6.175 min  
Delta R.T.: 0.001 min  
Response: 112914631  
Conc: 55.39 ng/ml



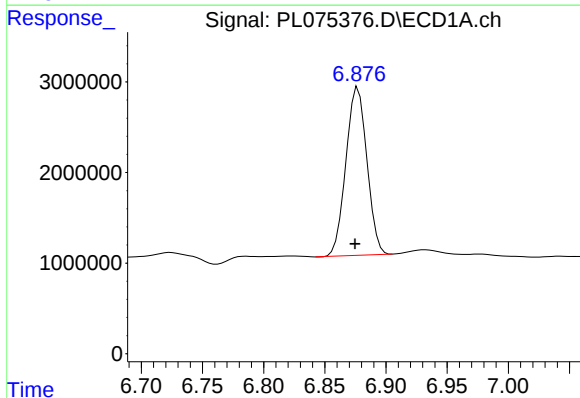
#5 Aldrin

R.T.: 7.655 min  
Delta R.T.: 0.000 min  
Response: 44267769  
Conc: 60.71 ng/ml



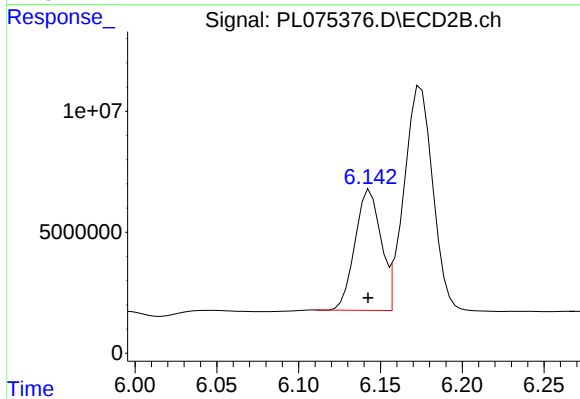
#5 Aldrin

R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 109954379  
Conc: 56.97 ng/ml



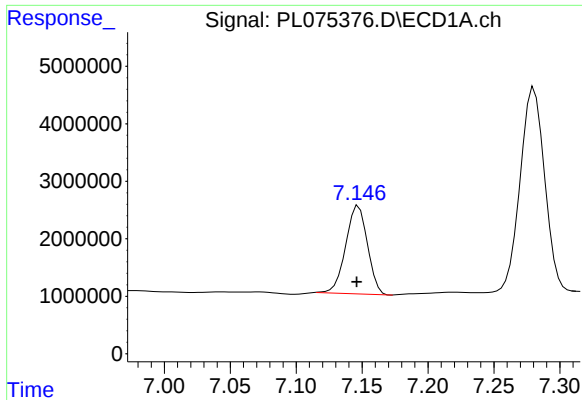
#6 beta-BHC

R.T.: 6.877 min  
Delta R.T.: 0.002 min  
Response: 22193506  
Conc: 59.61 ng/ml



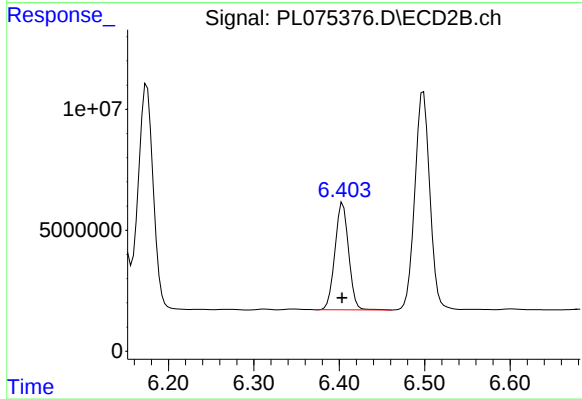
#6 beta-BHC

R.T.: 6.144 min  
Delta R.T.: 0.001 min  
Response: 54848842  
Conc: 56.51 ng/ml



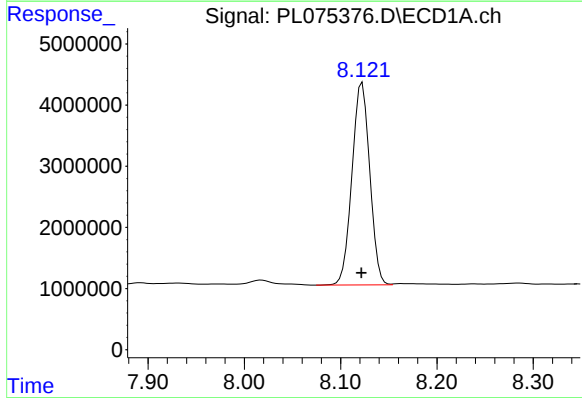
#7 delta-BHC

R.T.: 7.147 min  
Delta R.T.: 0.002 min  
Response: 17581184  
Conc: 22.90 ng/ml



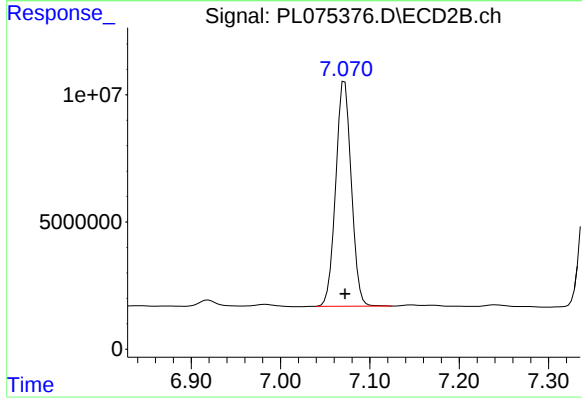
#7 delta-BHC

R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 49409844  
Conc: 23.03 ng/ml



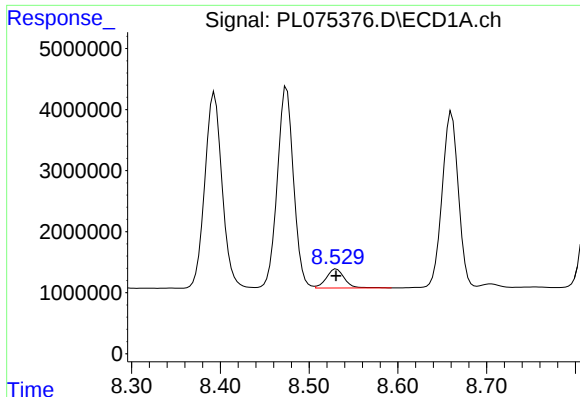
#8 Heptachlor epoxide

R.T.: 8.122 min  
Delta R.T.: 0.000 min  
Response: 42391823  
Conc: 62.09 ng/ml



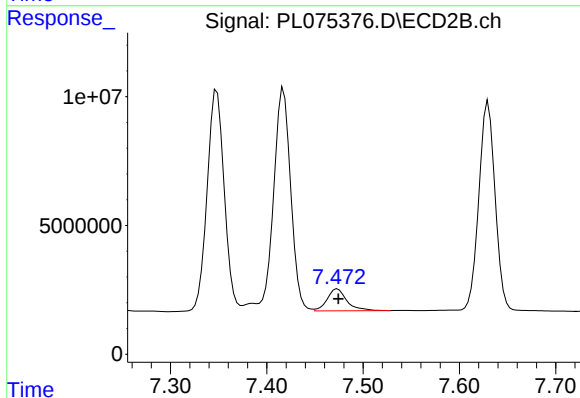
#8 Heptachlor epoxide

R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 107124578  
Conc: 58.62 ng/ml



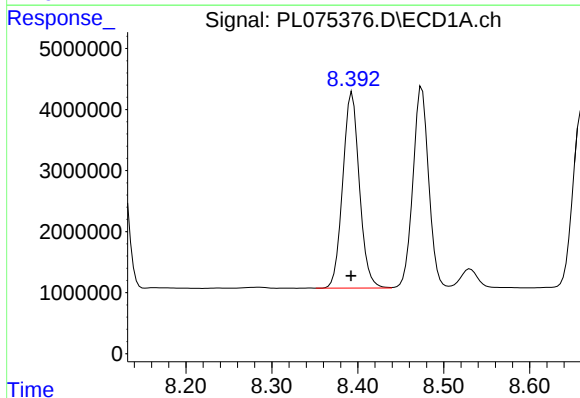
#9 Endosulfan I

R.T.: 8.531 min  
Delta R.T.: 0.000 min  
Response: 4415744  
Conc: 7.03 ng/ml



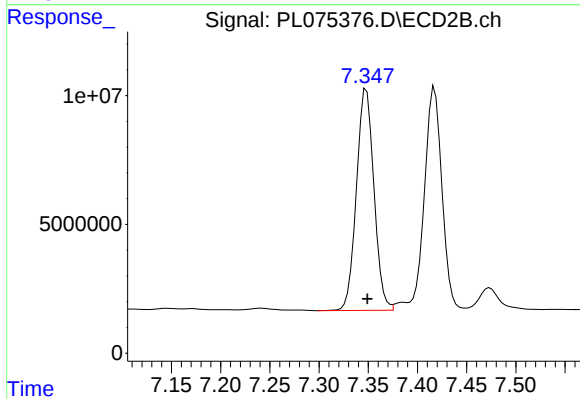
#9 Endosulfan I

R.T.: 7.474 min  
Delta R.T.: 0.000 min  
Response: 12108312  
Conc: 7.17 ng/ml



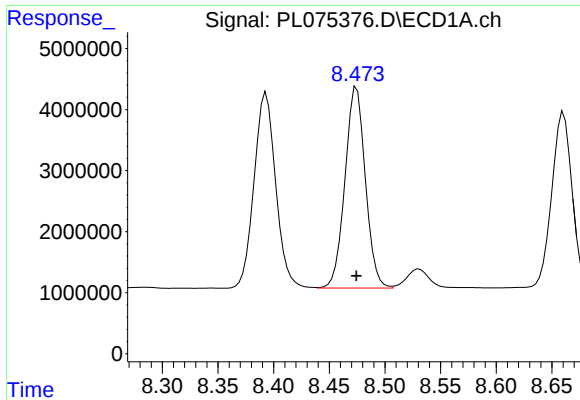
#10 gamma-Chlordane

R.T.: 8.393 min  
Delta R.T.: 0.001 min  
Response: 43211606  
Conc: 64.07 ng/ml



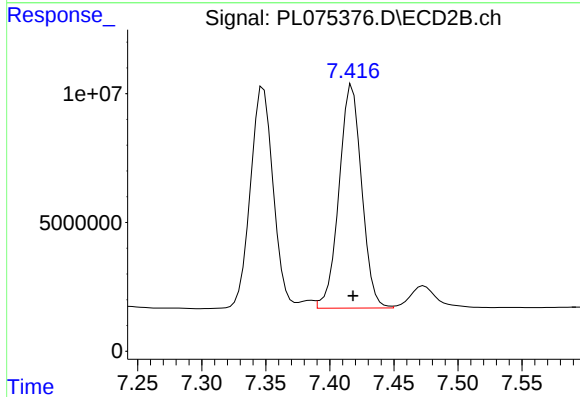
#10 gamma-Chlordane

R.T.: 7.348 min  
Delta R.T.: -0.001 min  
Response: 106566930  
Conc: 57.94 ng/ml



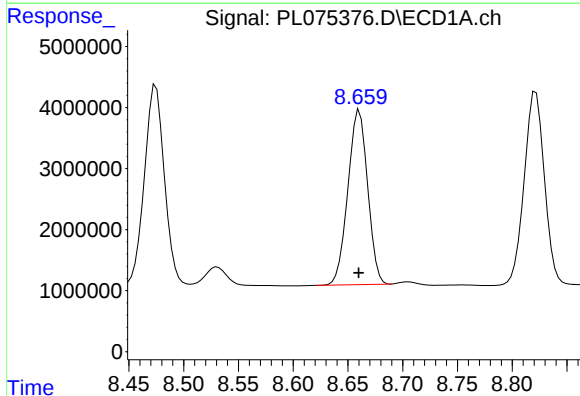
#11 alpha-Chlordane

R.T.: 8.475 min  
Delta R.T.: 0.000 min  
Response: 42040566  
Conc: 62.05 ng/ml



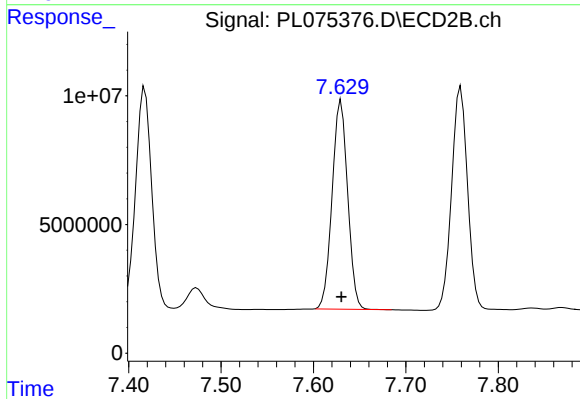
#11 alpha-Chlordane

R.T.: 7.417 min  
Delta R.T.: 0.000 min  
Response: 106629981  
Conc: 58.35 ng/ml



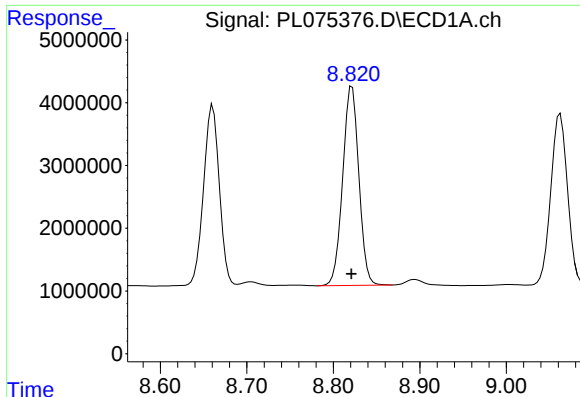
#12 4,4'-DDE

R.T.: 8.661 min  
Delta R.T.: 0.000 min  
Response: 35916379  
Conc: 61.74 ng/ml



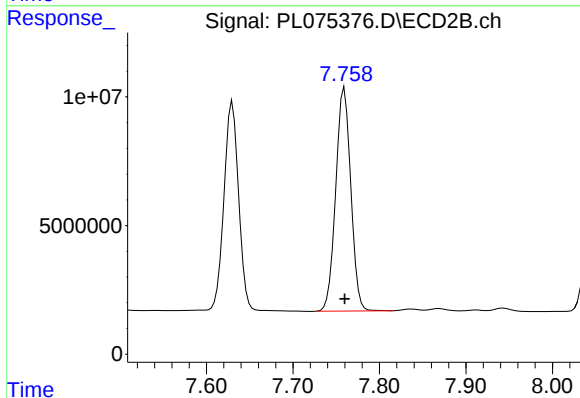
#12 4,4'-DDE

R.T.: 7.630 min  
Delta R.T.: 0.000 min  
Response: 94792015  
Conc: 58.20 ng/ml



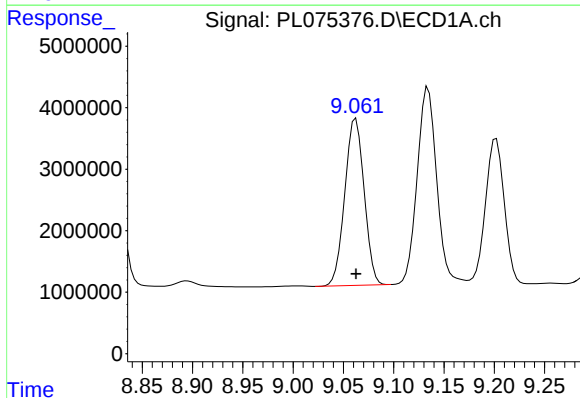
#13 Dieldrin

R.T.: 8.822 min  
Delta R.T.: 0.000 min  
Response: 40894524  
Conc: 64.53 ng/ml



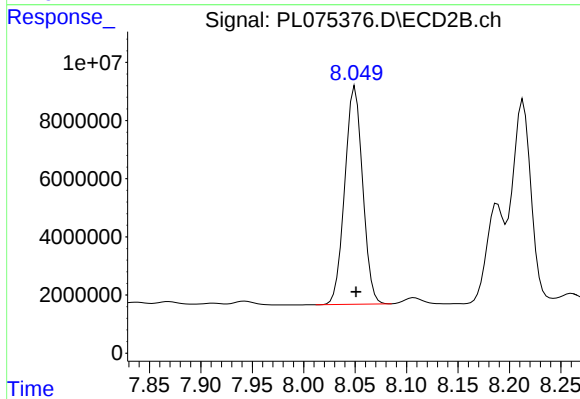
#13 Dieldrin

R.T.: 7.760 min  
Delta R.T.: 0.000 min  
Response: 104394933  
Conc: 60.17 ng/ml



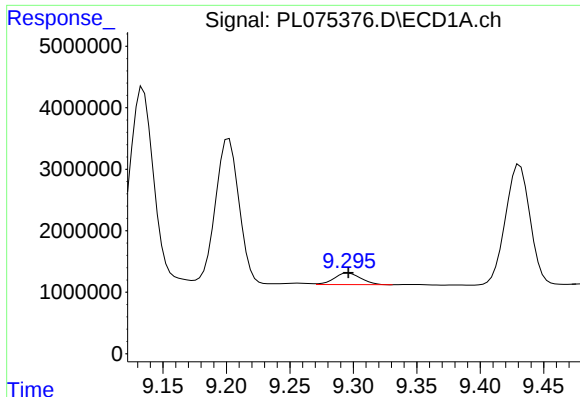
#14 Endrin

R.T.: 9.062 min  
Delta R.T.: 0.000 min  
Response: 36192495  
Conc: 68.16 ng/ml



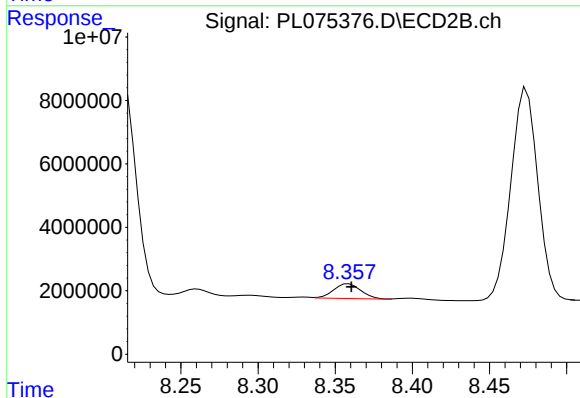
#14 Endrin

R.T.: 8.050 min  
Delta R.T.: 0.000 min  
Response: 90669102  
Conc: 58.24 ng/ml



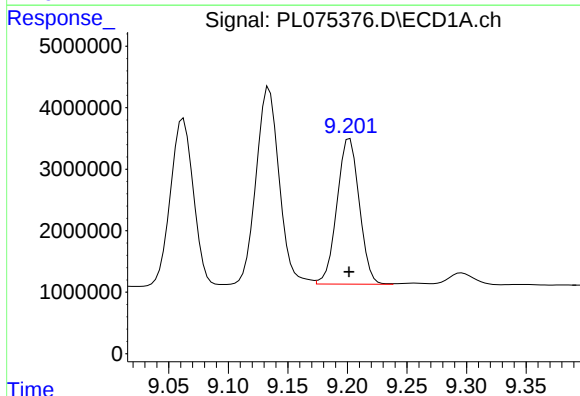
#15 Endosulfan II

R.T.: 9.296 min  
Delta R.T.: 0.000 min  
Response: 2747441  
Conc: 4.87 ng/ml



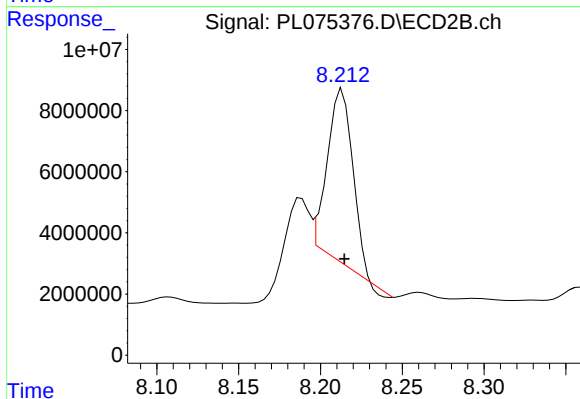
#15 Endosulfan II

R.T.: 8.359 min  
Delta R.T.: -0.002 min  
Response: 5712696  
Conc: 3.63 ng/ml



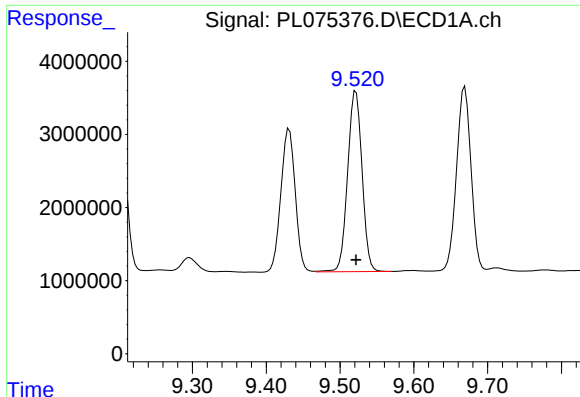
#16 4,4'-DDD

R.T.: 9.202 min  
Delta R.T.: 0.000 min  
Response: 30860591  
Conc: 62.40 ng/ml



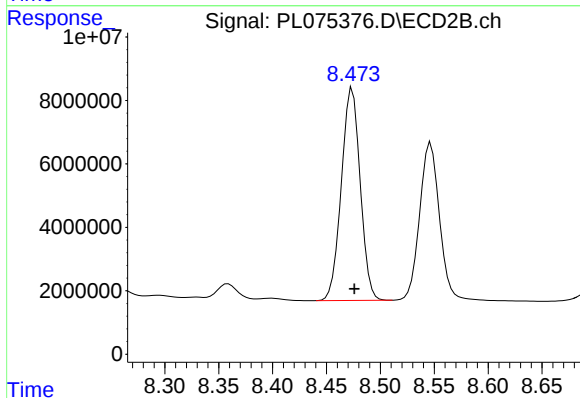
#16 4,4'-DDD

R.T.: 8.213 min  
Delta R.T.: -0.001 min  
Response: 60918826  
Conc: 45.57 ng/ml



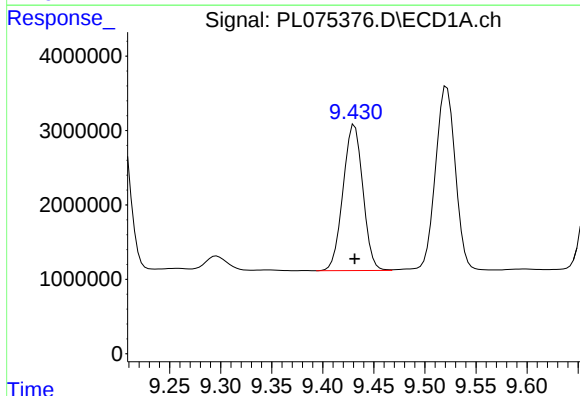
#17 4,4'-DDT

R.T.: 9.521 min  
Delta R.T.: 0.000 min  
Response: 33518461  
Conc: 57.55 ng/ml



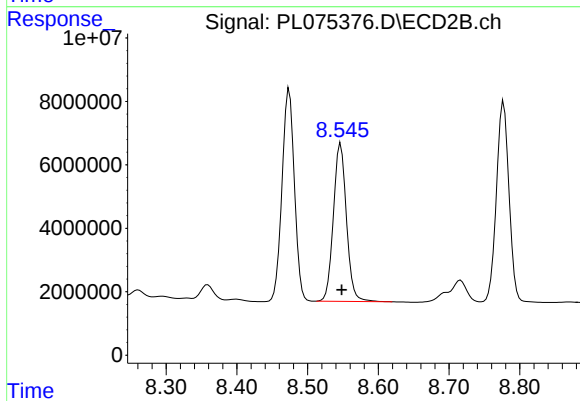
#17 4,4'-DDT

R.T.: 8.474 min  
Delta R.T.: -0.002 min  
Response: 81681050  
Conc: 57.11 ng/ml



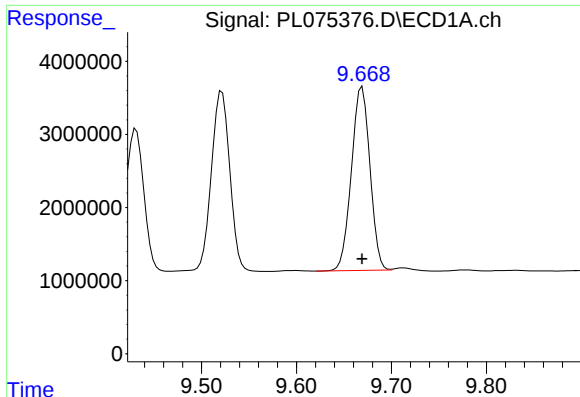
#18 Endrin aldehyde

R.T.: 9.431 min  
Delta R.T.: 0.000 min  
Response: 26486058  
Conc: 60.27 ng/ml



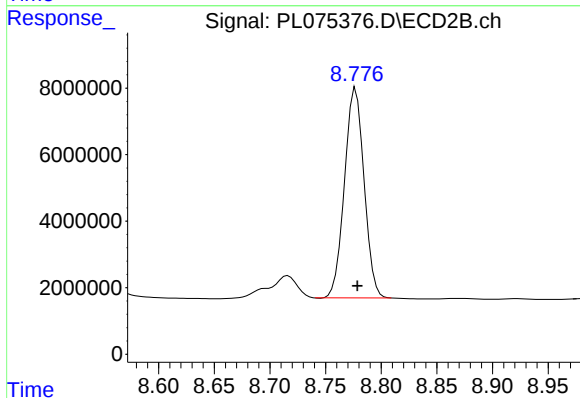
#18 Endrin aldehyde

R.T.: 8.547 min  
Delta R.T.: -0.002 min  
Response: 63811433  
Conc: 52.93 ng/ml



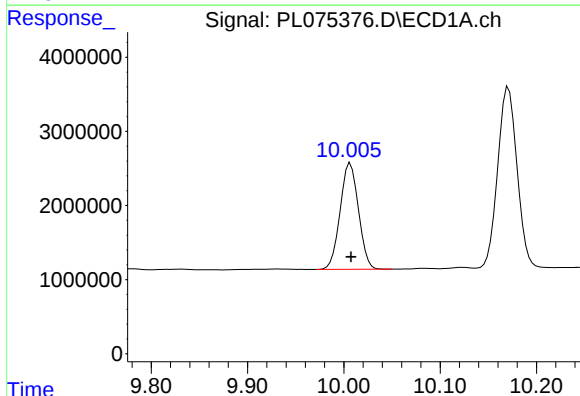
#19 Endosulfan Sulfate

R.T.: 9.669 min  
Delta R.T.: 0.000 min  
Response: 34056514  
Conc: 61.22 ng/ml



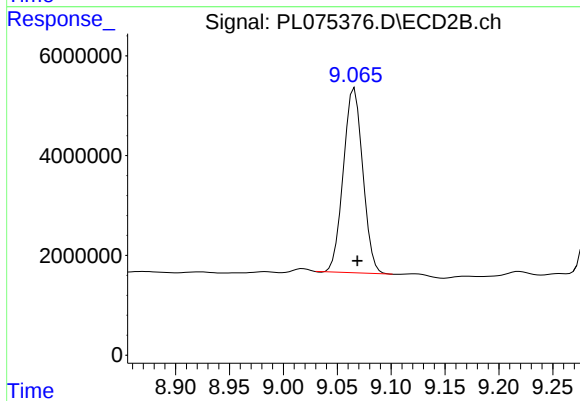
#19 Endosulfan Sulfate

R.T.: 8.777 min  
Delta R.T.: -0.002 min  
Response: 77224920  
Conc: 51.59 ng/ml



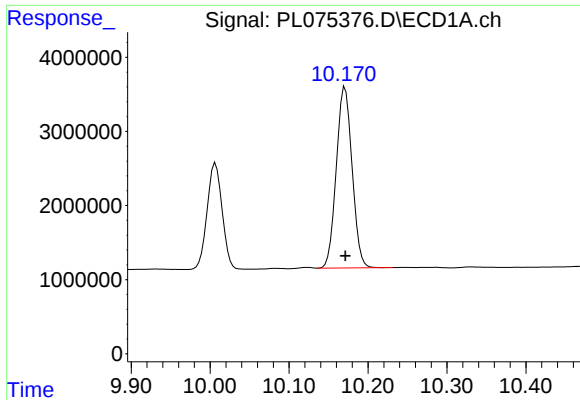
#20 Methoxychlor

R.T.: 10.007 min  
Delta R.T.: 0.000 min  
Response: 18942274  
Conc: 61.85 ng/ml



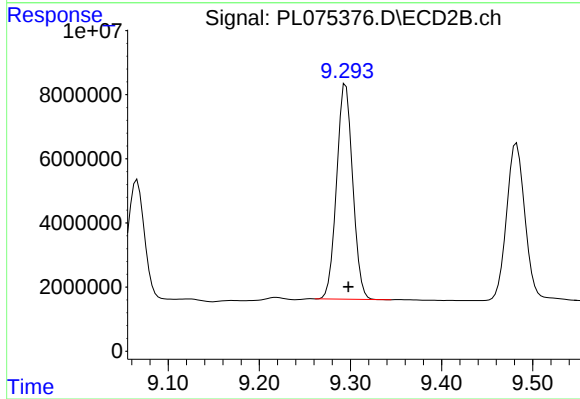
#20 Methoxychlor

R.T.: 9.066 min  
Delta R.T.: -0.003 min  
Response: 46395084  
Conc: 57.13 ng/ml



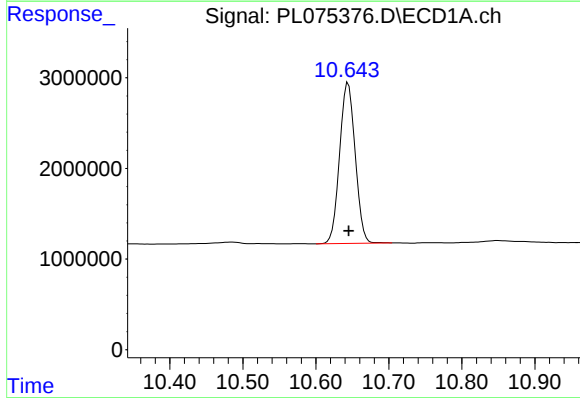
#21 Endrin ketone

R.T.: 10.171 min  
Delta R.T.: 0.000 min  
Response: 33923320  
Conc: 55.25 ng/ml



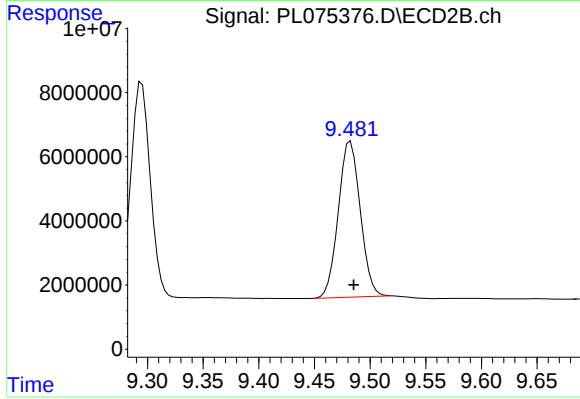
#21 Endrin ketone

R.T.: 9.295 min  
Delta R.T.: -0.003 min  
Response: 82253129  
Conc: 51.44 ng/ml



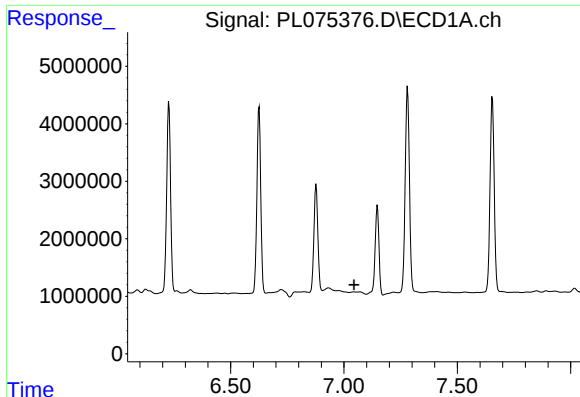
#22 Mirex

R.T.: 10.644 min  
Delta R.T.: 0.000 min  
Response: 26284231  
Conc: 54.22 ng/ml



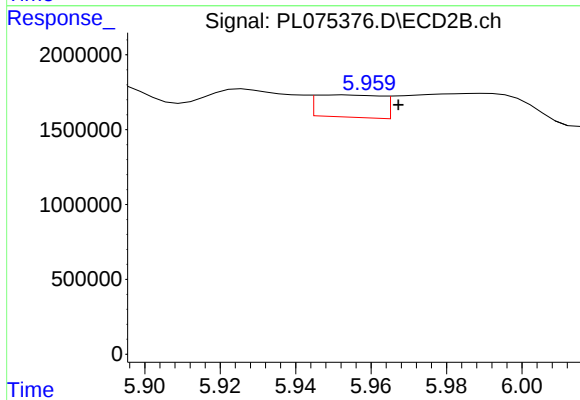
#22 Mirex

R.T.: 9.482 min  
Delta R.T.: -0.003 min  
Response: 66839436  
Conc: 52.56 ng/ml



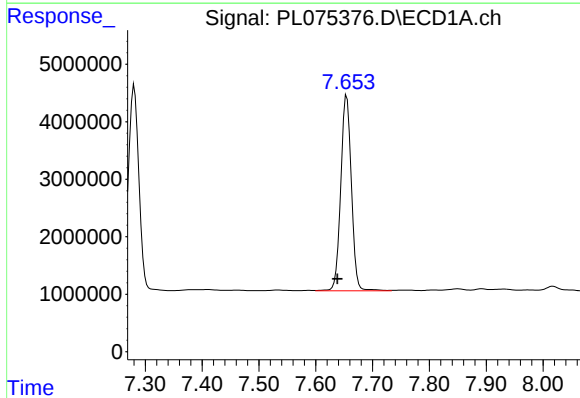
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 7.044 min  
Response: 0  
Conc: N.D.



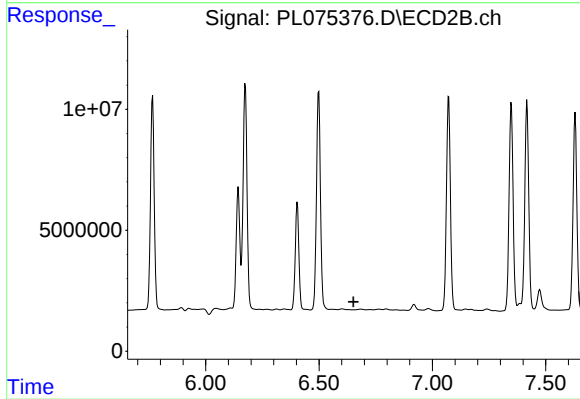
#23 Chlordane-1

R.T.: 5.952 min  
Delta R.T.: -0.015 min  
Response: 1785796  
Conc: 32.07 ng/ml



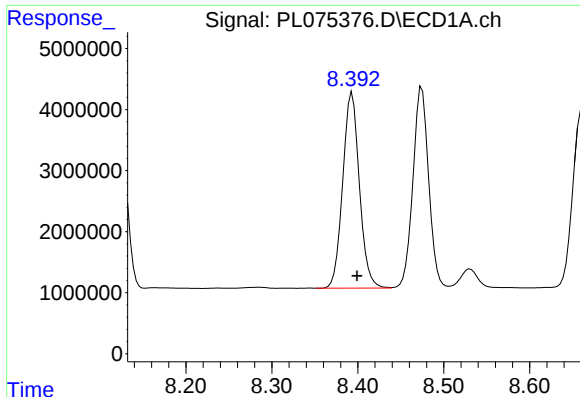
#24 Chlordane-2

R.T.: 7.655 min  
Delta R.T.: 0.017 min  
Response: 44267769  
Conc: 1554.42 ng/ml



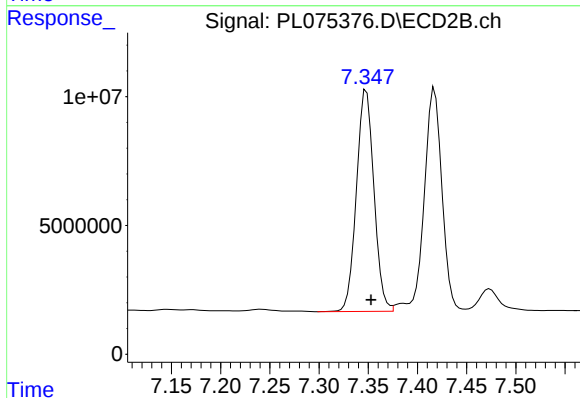
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 6.653 min  
Response: 0  
Conc: N.D.



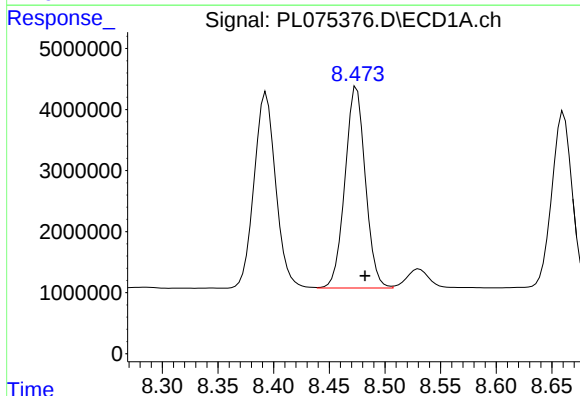
#25 Chlordane-3

R.T.: 8.393 min  
Delta R.T.: -0.006 min  
Response: 43211606  
Conc: 464.38 ng/ml



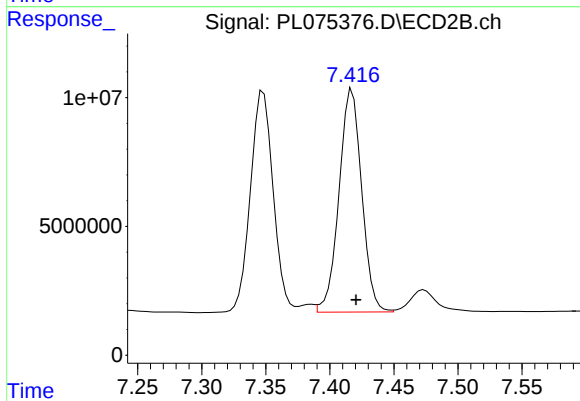
#25 Chlordane-3

R.T.: 7.348 min  
Delta R.T.: -0.005 min  
Response: 106566930  
Conc: 603.75 ng/ml



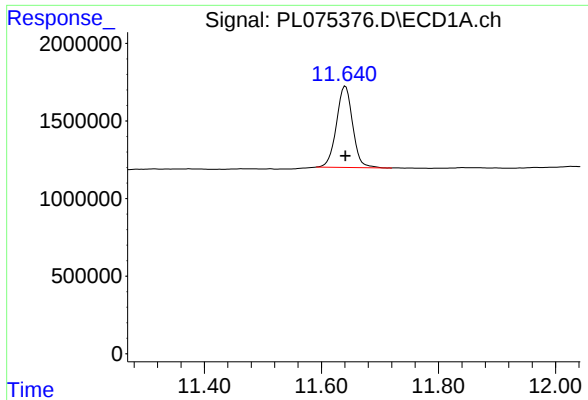
#26 Chlordane-4

R.T.: 8.475 min  
Delta R.T.: -0.008 min  
Response: 42040566  
Conc: 370.44 ng/ml



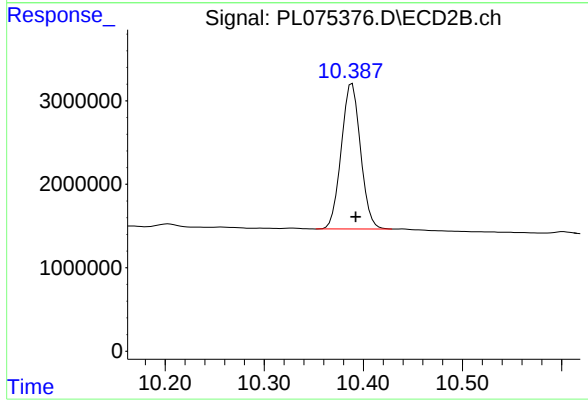
#26 Chlordane-4

R.T.: 7.417 min  
Delta R.T.: -0.003 min  
Response: 106629981  
Conc: 564.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.641 min  
Delta R.T.: 0.000 min  
Response: 10050577  
Conc: 18.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.389 min  
Delta R.T.: -0.004 min  
Response: 23515174  
Conc: 17.14 ng/ml