

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092124\  
 Data File : PL091904.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Sep 2024 11:46  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 20 23:56:59 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 19:26:36 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

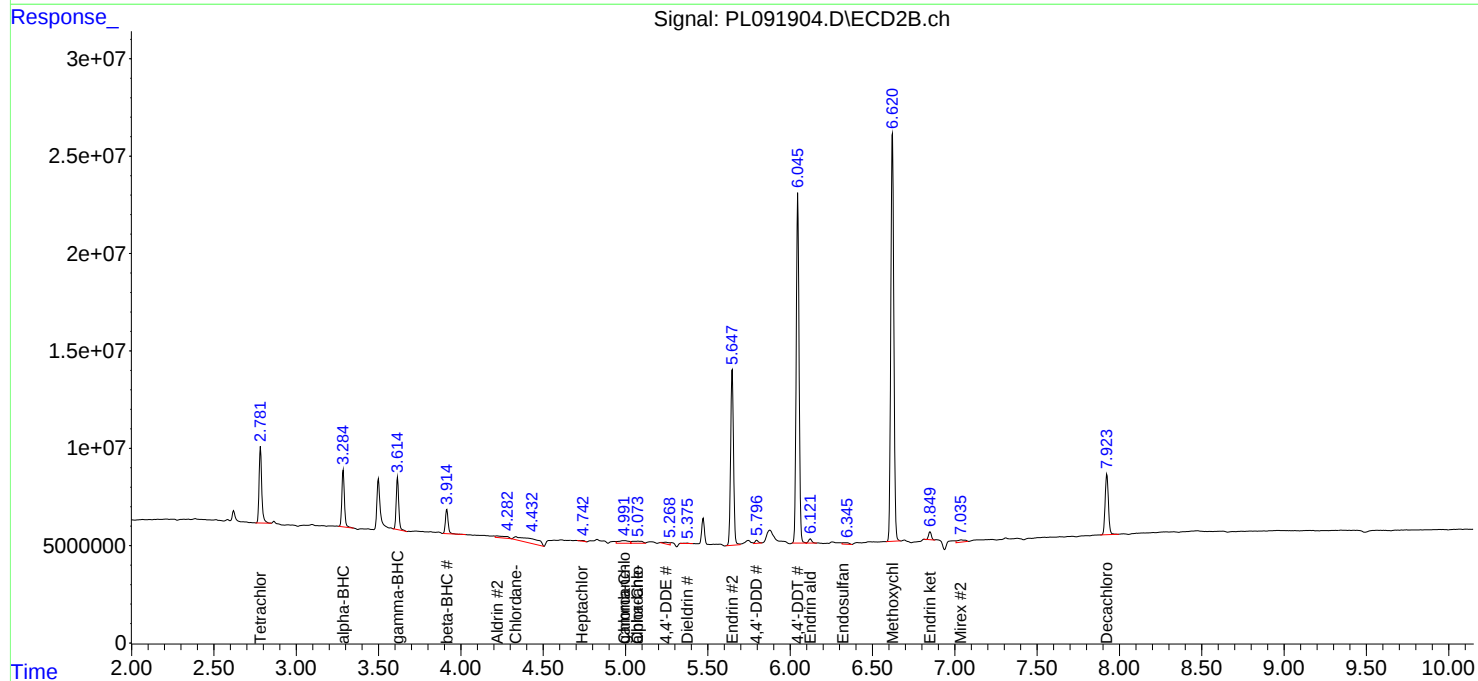
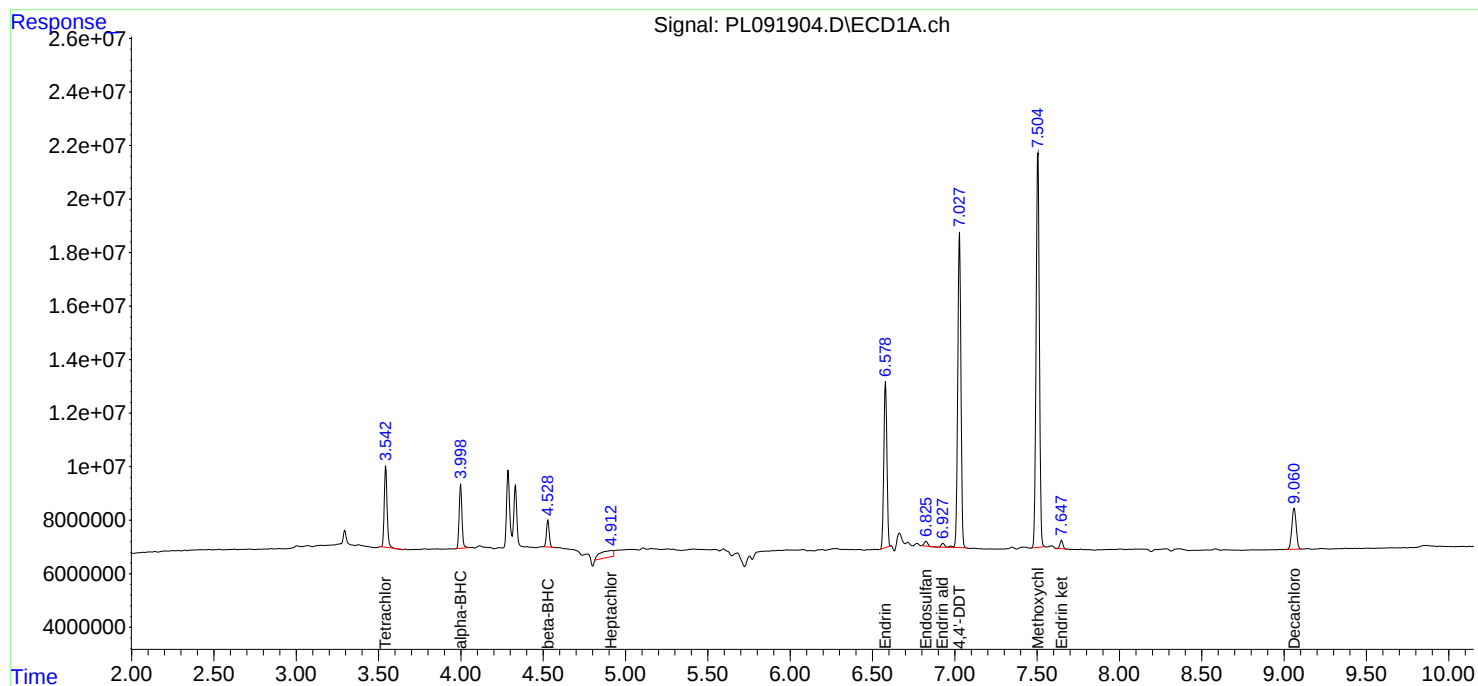
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.544  | 2.783  | 36217980 | 43504772 | 23.238  | 23.261    |
| 28)                         | SA Decachlor... | 9.062  | 7.924  | 28359157 | 42739826 | 23.335  | 23.146    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.999  | 3.286  | 28530945 | 31458986 | 13.209  | 11.829    |
| 3)                          | MA gamma-BHC... | 4.332  | 3.616  | -5078943 | 29007665 | N.D.    | 11.794    |
| 4)                          | MA Heptachlor   | 4.914  | 0.000  | 14007670 | 0        | 7.479   | N.D. #    |
| 5)                          | MB Aldrin       | 0.000  | 4.221f | 0        | 4286395  | N.D.    | 1.879 #   |
| 6)                          | B beta-BHC      | 4.529  | 3.915  | 11597017 | 14145246 | 12.744  | 12.948    |
| 8)                          | B Heptachlo...  | 0.000  | 4.738  | 0        | 663369   | N.D.    | 0.315 #   |
| 10)                         | B gamma-Chl...  | 0.000  | 4.992  | 0        | 5816761  | N.D.    | 2.637 #   |
| 11)                         | B alpha-Chl...  | 0.000  | 5.075f | 0        | 4790021  | N.D.    | 2.315 #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.244  | 0        | 2476705  | N.D.    | 1.306 #   |
| 13)                         | MA Dieldrin     | 0.000  | 5.376  | 0        | 406133   | N.D.    | 0.198 #   |
| 14)                         | MA Endrin       | 6.580  | 5.648  | 81327754 | 111.0E6  | 61.163  | 58.794    |
| 15)                         | B Endosulfa...  | 6.825f | 0.000  | 2767861  | 0        | 1.786   | N.D. #    |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.797  | 0        | 2132694  | N.D.    | 1.273 #   |
| 17)                         | MA 4,4'-DDT     | 7.029  | 6.047  | 159.2E6  | 218.0E6  | 121.401 | 135.665   |
| 18)                         | B Endrin al...  | 6.928  | 6.123  | 2082761  | 2996669  | 1.753   | 2.192 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.327f | 0        | 2117262  | N.D.    | 1.234 #   |
| 20)                         | A Methoxychlor  | 7.505  | 6.622  | 204.4E6  | 270.7E6  | 302.165 | 305.651   |
| 21)                         | B Endrin ke...  | 7.649  | 6.850  | 3678933  | 4983911  | 2.379   | 2.478     |
| 22)                         | Mirex           | 0.000  | 7.039  | 0        | 3815903  | N.D.    | 2.152 #   |
| 24)                         | Chlordane-2     | 0.000  | 4.335f | 0        | 21773973 | N.D.    | 290.507 # |
| 25)                         | Chlordane-3     | 0.000  | 4.992  | 0        | 5816761  | N.D.    | 24.950 #  |
| 26)                         | Chlordane-4     | 0.000  | 5.075f | 0        | 4790021  | N.D.    | 22.970 #  |
| -----                       |                 |        |        |          |          |         |           |

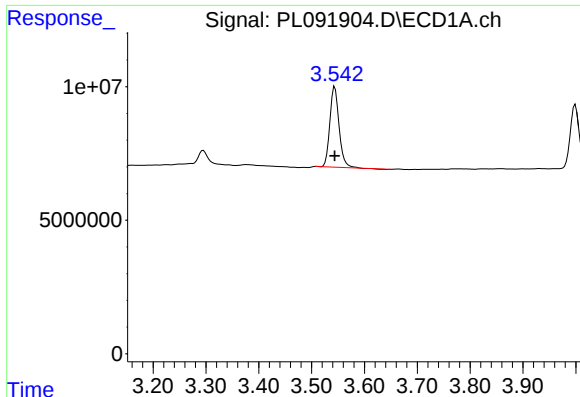
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092124\  
Data File : PL091904.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Sep 2024 11:46  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 20 23:56:59 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 09 19:26:36 2024  
Response via : Initial Calibration  
Integrator: ChemStation

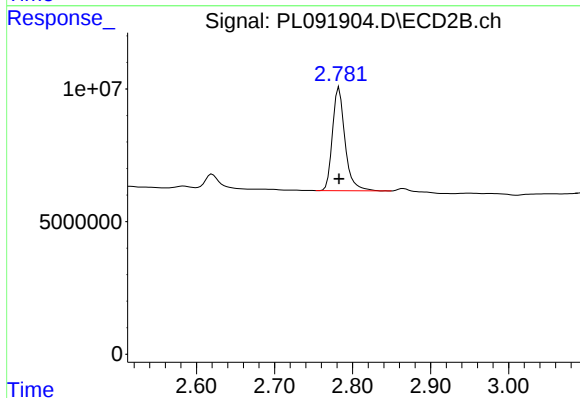
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





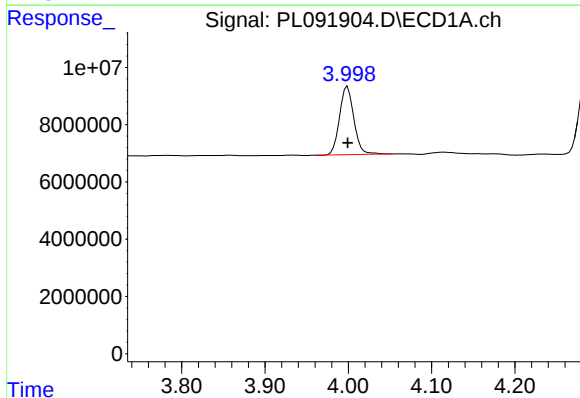
#1 Tetrachloro-m-xylene

R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 36217980  
Conc: 23.24 ng/ml



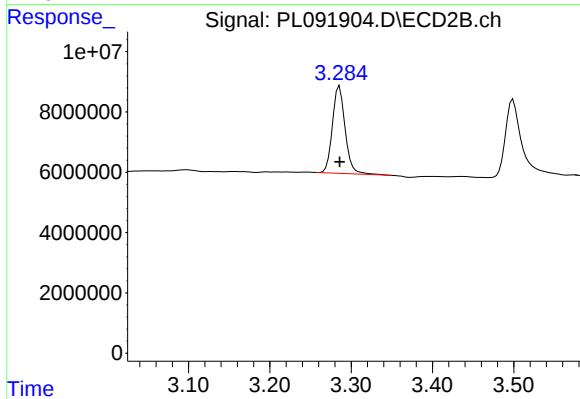
#1 Tetrachloro-m-xylene

R.T.: 2.783 min  
Delta R.T.: 0.000 min  
Response: 43504772  
Conc: 23.26 ng/ml



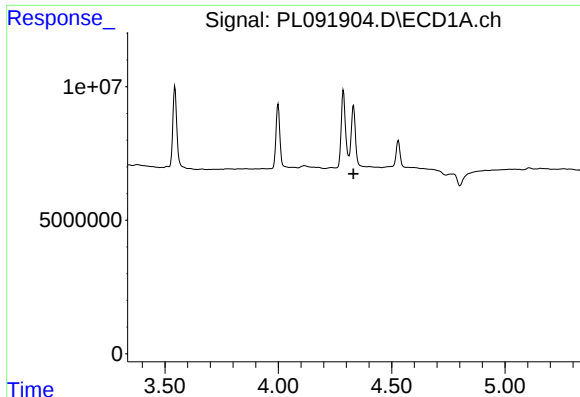
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 28530945  
Conc: 13.21 ng/ml



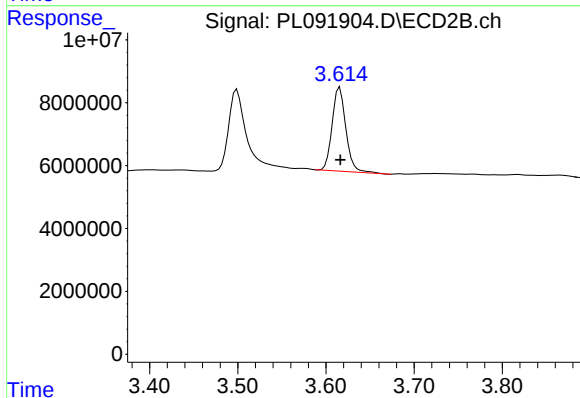
#2 alpha-BHC

R.T.: 3.286 min  
Delta R.T.: 0.000 min  
Response: 31458986  
Conc: 11.83 ng/ml



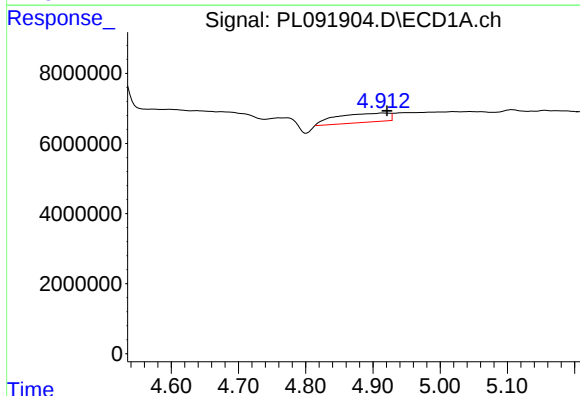
#3 gamma-BHC (Lindane)

R.T.: 4.332 min  
Delta R.T.: 0.000 min  
Response: -5078943  
Conc: N.D.



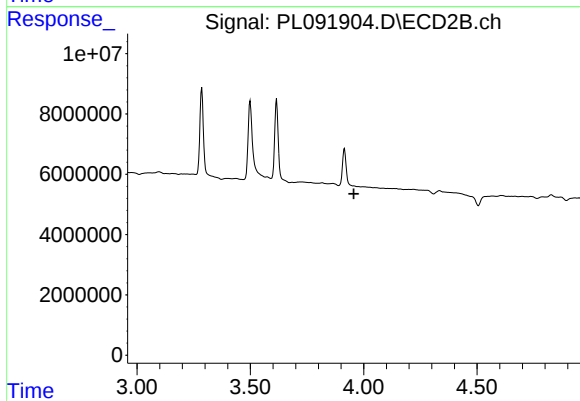
#3 gamma-BHC (Lindane)

R.T.: 3.616 min  
Delta R.T.: 0.000 min  
Response: 29007665  
Conc: 11.79 ng/ml



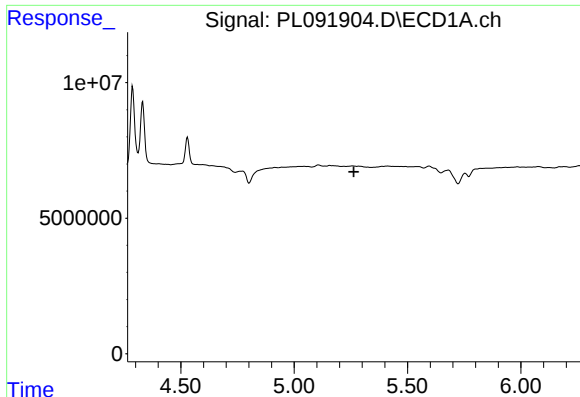
#4 Heptachlor

R.T.: 4.914 min  
Delta R.T.: -0.007 min  
Response: 14007670  
Conc: 7.48 ng/ml



#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 3.956 min  
Response: 0  
Conc: N.D.



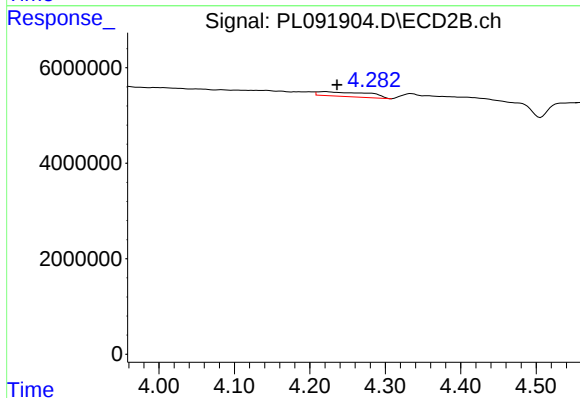
#5 Aldrin

R.T.: 0.000 min

Exp R.T. : 5.262 min

Response: 0

Conc: N.D.



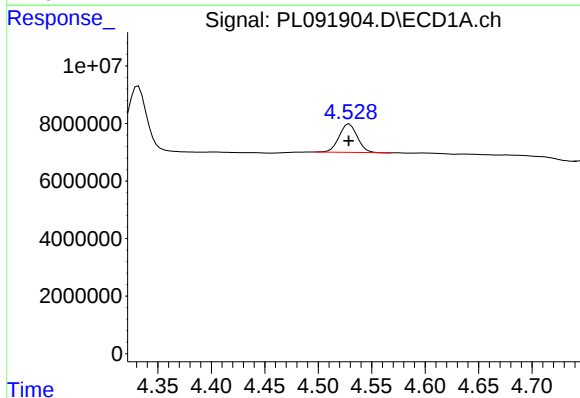
#5 Aldrin

R.T.: 4.221 min

Delta R.T.: -0.015 min

Response: 4286395

Conc: 1.88 ng/ml



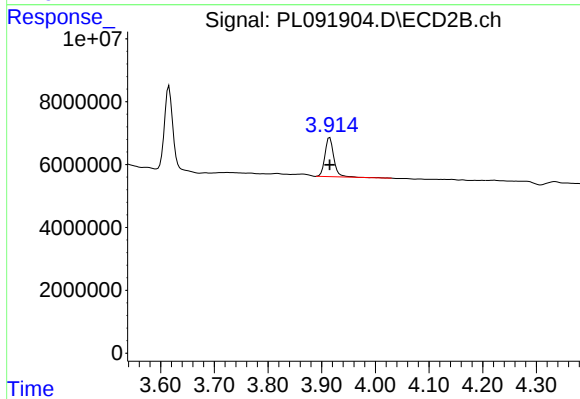
#6 beta-BHC

R.T.: 4.529 min

Delta R.T.: 0.000 min

Response: 11597017

Conc: 12.74 ng/ml



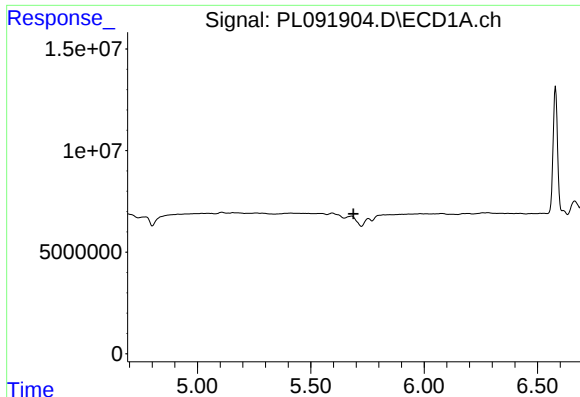
#6 beta-BHC

R.T.: 3.915 min

Delta R.T.: 0.000 min

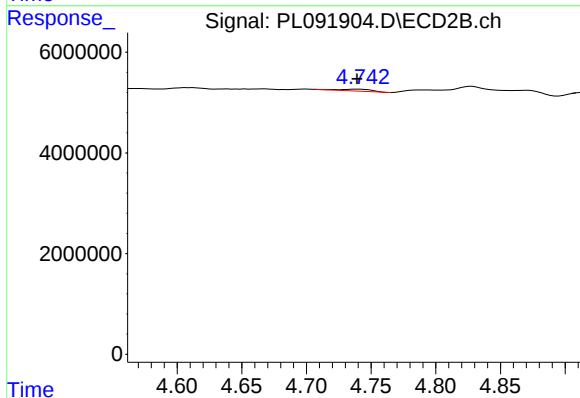
Response: 14145246

Conc: 12.95 ng/ml



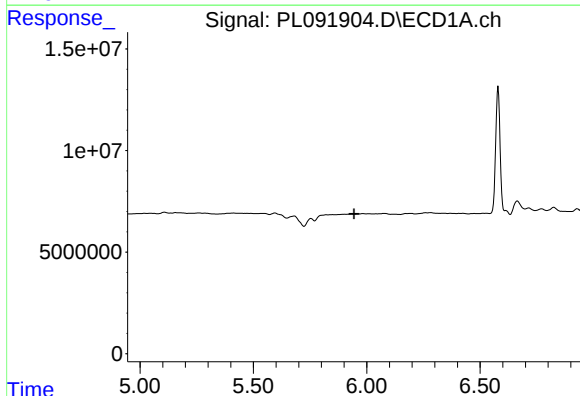
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.689 min  
Response: 0  
Conc: N.D.



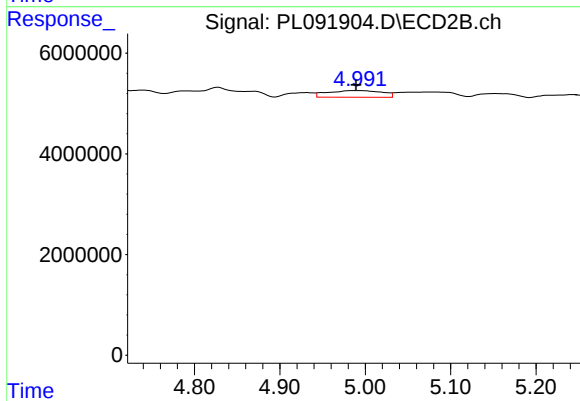
#8 Heptachlor epoxide

R.T.: 4.738 min  
Delta R.T.: 0.000 min  
Response: 663369  
Conc: 0.31 ng/ml



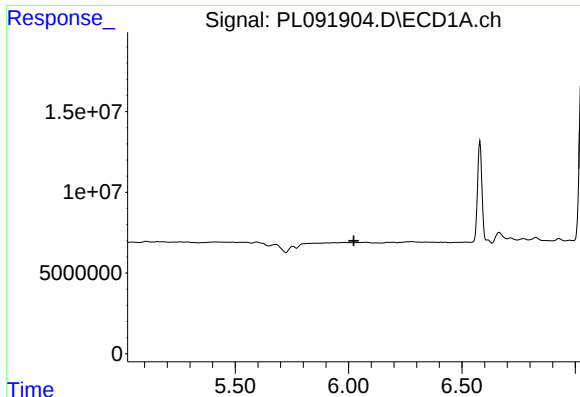
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.945 min  
Response: 0  
Conc: N.D.



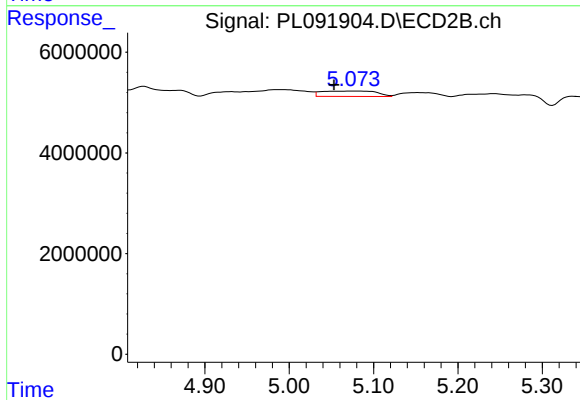
#10 gamma-Chlordane

R.T.: 4.992 min  
Delta R.T.: 0.002 min  
Response: 5816761  
Conc: 2.64 ng/ml



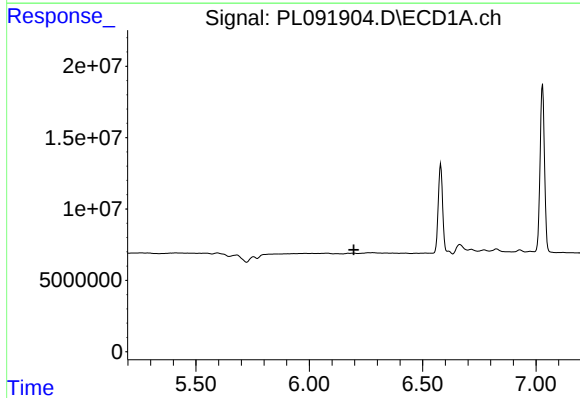
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.023 min  
Response: 0  
Conc: N.D.



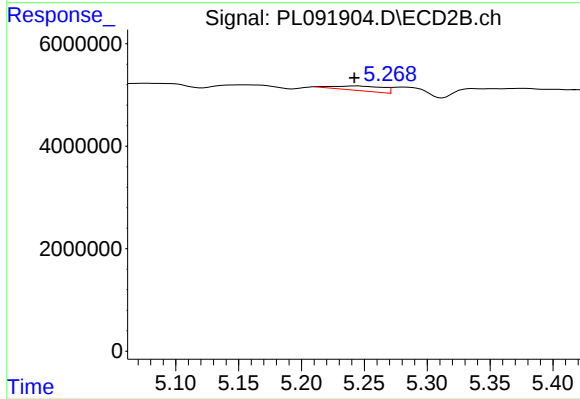
#11 alpha-Chlordane

R.T.: 5.075 min  
Delta R.T.: 0.022 min  
Response: 4790021  
Conc: 2.32 ng/ml



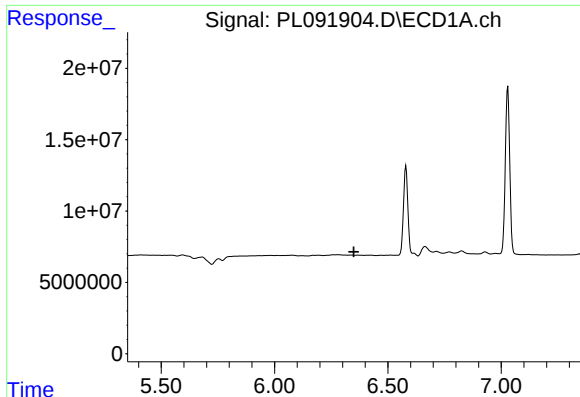
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.196 min  
Response: 0  
Conc: N.D.



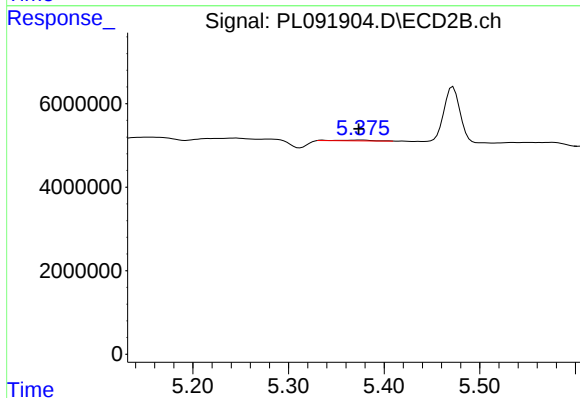
#12 4,4'-DDE

R.T.: 5.244 min  
Delta R.T.: 0.002 min  
Response: 2476705  
Conc: 1.31 ng/ml



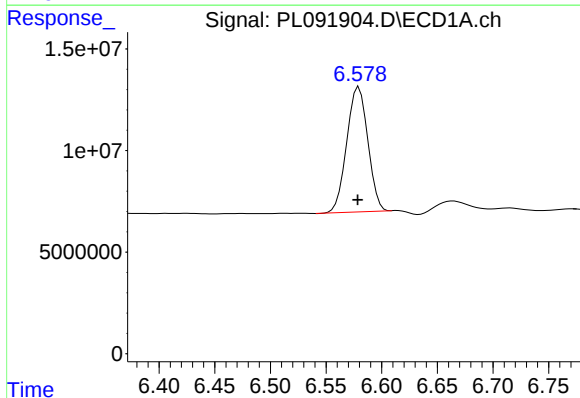
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.349 min  
Response: 0  
Conc: N.D.



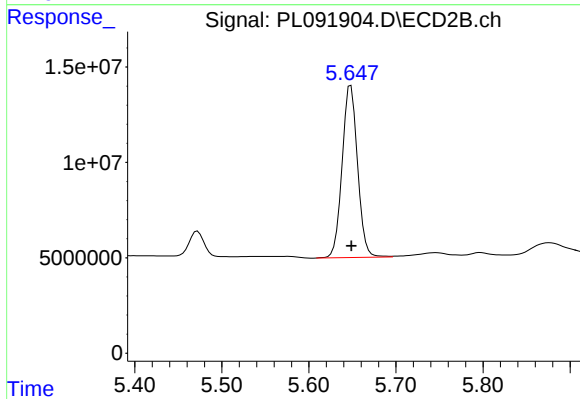
#13 Dieldrin

R.T.: 5.376 min  
Delta R.T.: 0.002 min  
Response: 406133  
Conc: 0.20 ng/ml



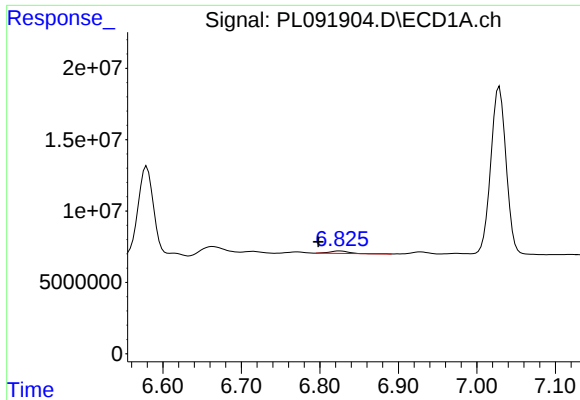
#14 Endrin

R.T.: 6.580 min  
Delta R.T.: 0.000 min  
Response: 81327754  
Conc: 61.16 ng/ml



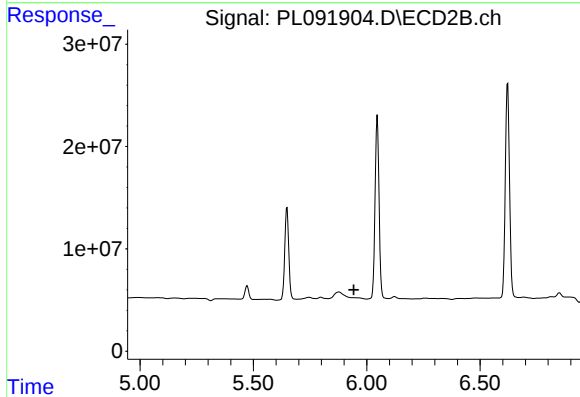
#14 Endrin

R.T.: 5.648 min  
Delta R.T.: 0.000 min  
Response: 110956519  
Conc: 58.79 ng/ml



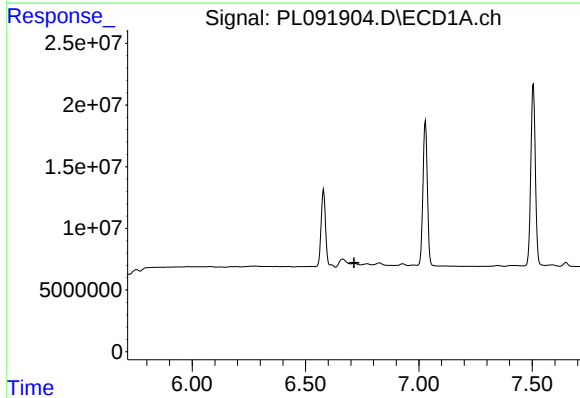
#15 Endosulfan II

R.T.: 6.825 min  
Delta R.T.: 0.027 min  
Response: 2767861  
Conc: 1.79 ng/ml



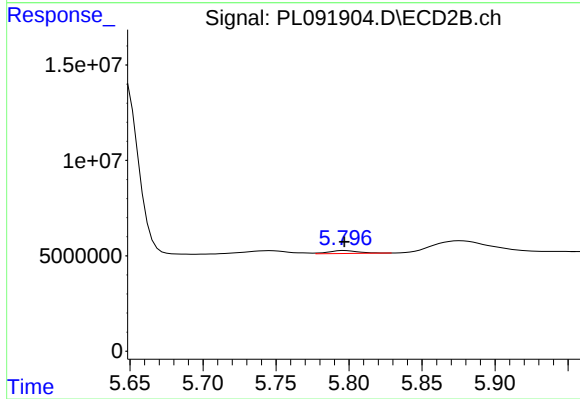
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.943 min  
Response: 0  
Conc: N.D.



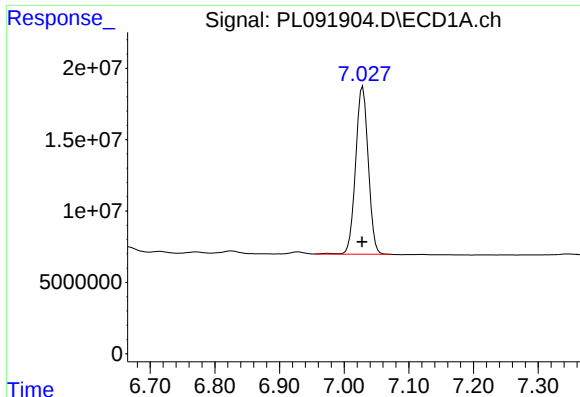
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.714 min  
Response: 0  
Conc: N.D.



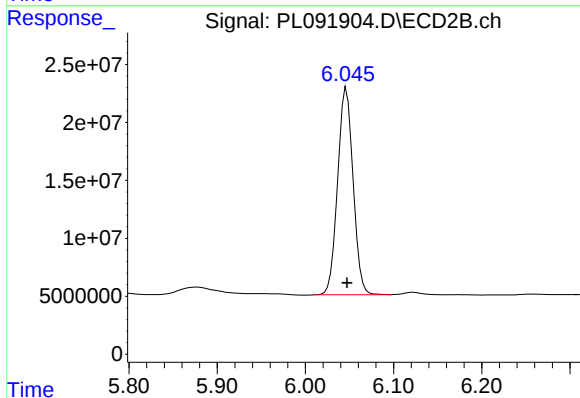
#16 4,4'-DDD

R.T.: 5.797 min  
Delta R.T.: 0.000 min  
Response: 2132694  
Conc: 1.27 ng/ml



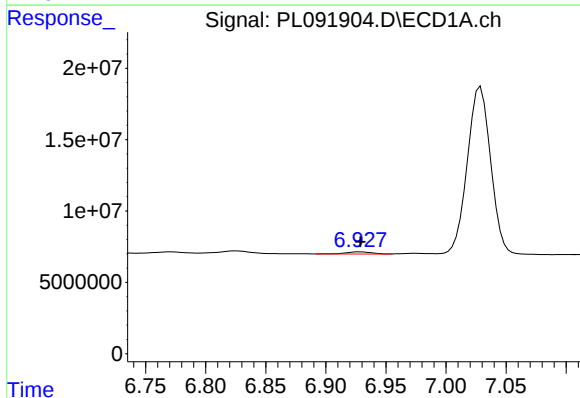
#17 4,4'-DDT

R.T.: 7.029 min  
Delta R.T.: 0.001 min  
Response: 159247820  
Conc: 121.40 ng/ml



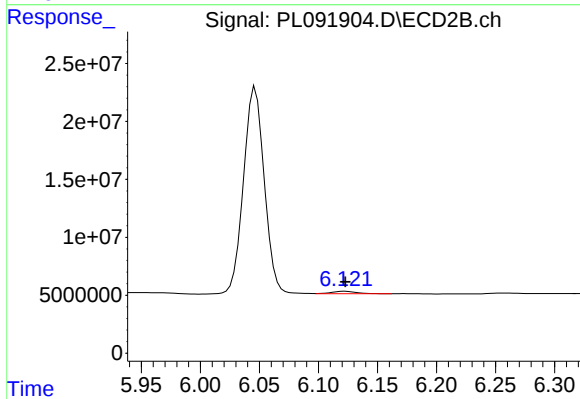
#17 4,4'-DDT

R.T.: 6.047 min  
Delta R.T.: 0.000 min  
Response: 217984482  
Conc: 135.67 ng/ml



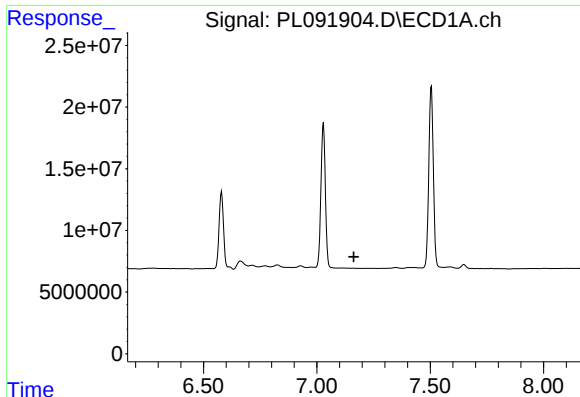
#18 Endrin aldehyde

R.T.: 6.928 min  
Delta R.T.: 0.000 min  
Response: 2082761  
Conc: 1.75 ng/ml



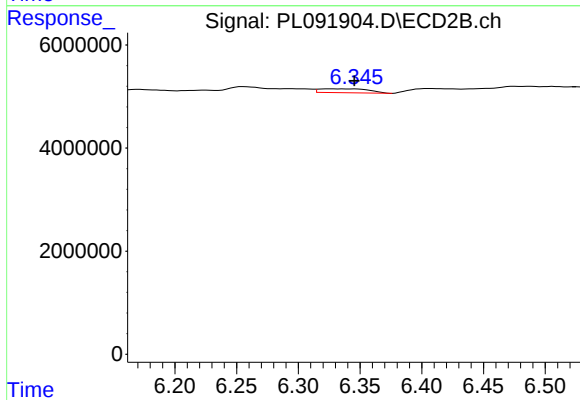
#18 Endrin aldehyde

R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 2996669  
Conc: 2.19 ng/ml



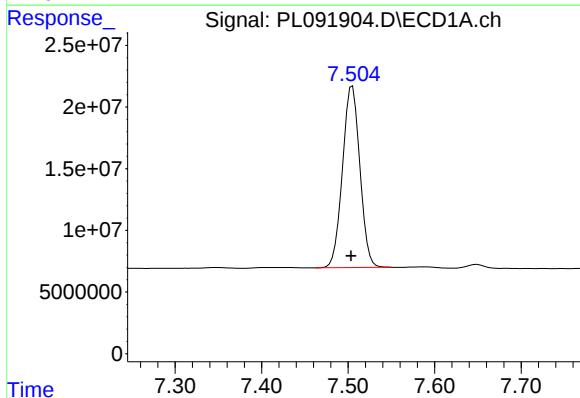
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 7.162 min  
Response: 0  
Conc: N.D.



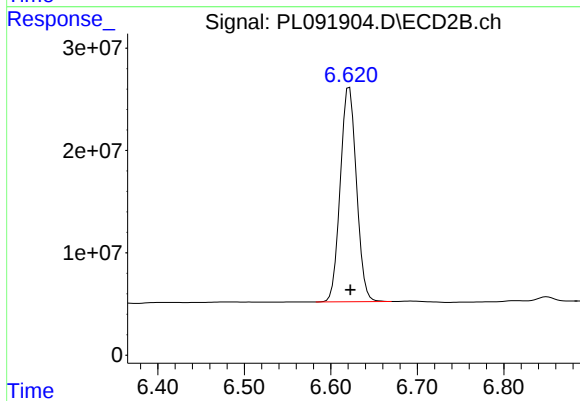
#19 Endosulfan Sulfate

R.T.: 6.327 min  
Delta R.T.: -0.019 min  
Response: 2117262  
Conc: 1.23 ng/ml



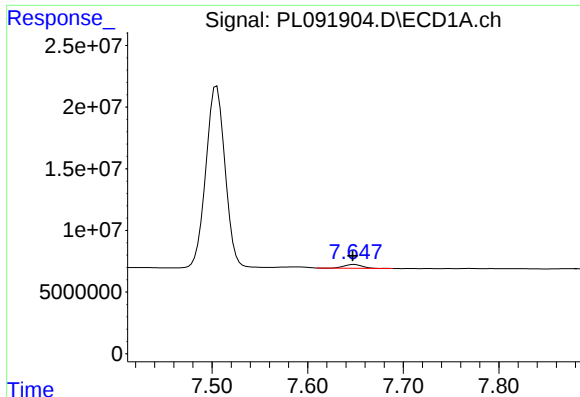
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: 0.002 min  
Response: 204404645  
Conc: 302.16 ng/ml



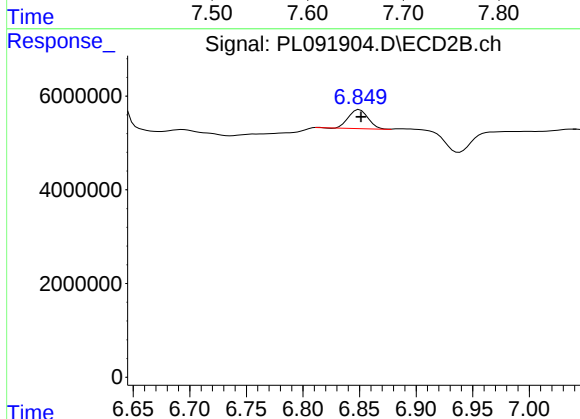
#20 Methoxychlor

R.T.: 6.622 min  
Delta R.T.: -0.001 min  
Response: 270734455  
Conc: 305.65 ng/ml



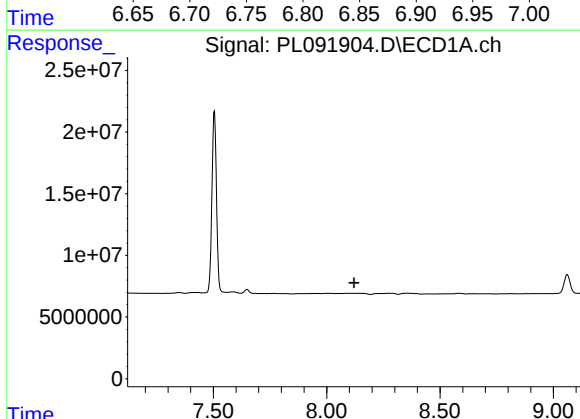
#21 Endrin ketone

R.T.: 7.649 min  
Delta R.T.: 0.001 min  
Response: 3678933  
Conc: 2.38 ng/ml



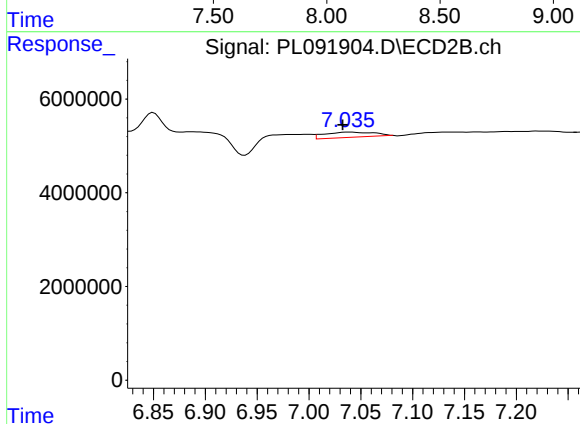
#21 Endrin ketone

R.T.: 6.850 min  
Delta R.T.: -0.001 min  
Response: 4983911  
Conc: 2.48 ng/ml



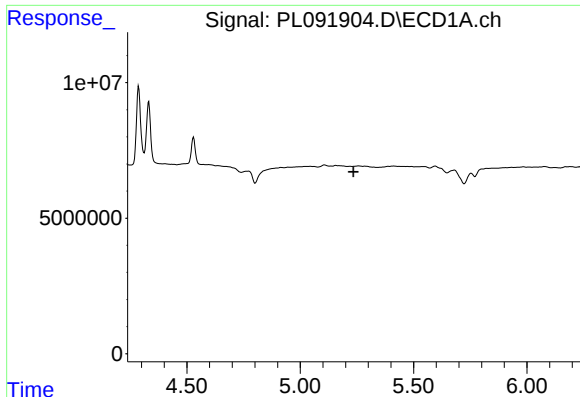
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.121 min  
Response: 0  
Conc: N.D.



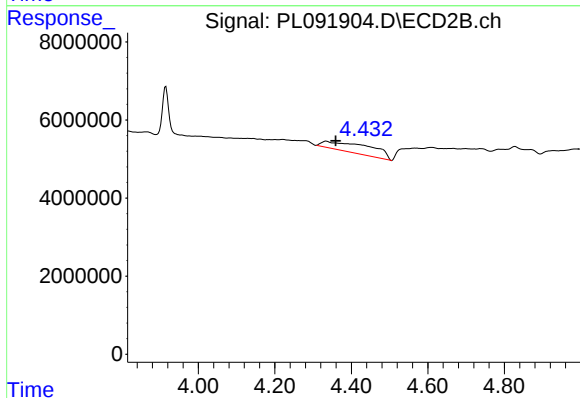
#22 Mirex

R.T.: 7.039 min  
Delta R.T.: 0.006 min  
Response: 3815903  
Conc: 2.15 ng/ml



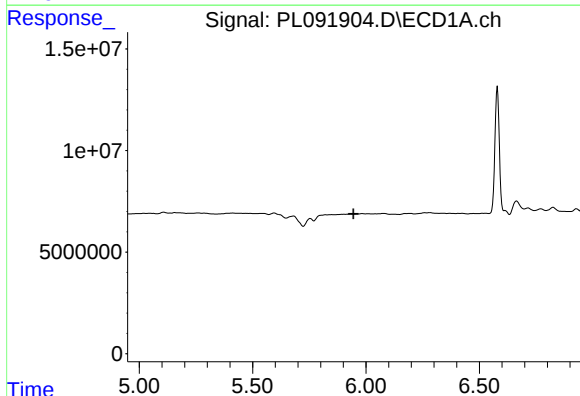
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.236 min  
Response: 0  
Conc: N.D.



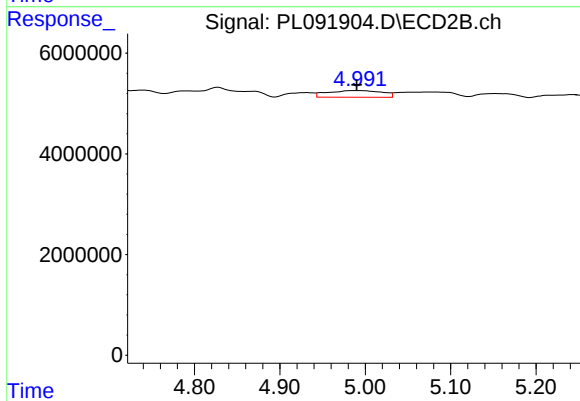
#24 Chlordane-2

R.T.: 4.335 min  
Delta R.T.: -0.025 min  
Response: 21773973  
Conc: 290.51 ng/ml



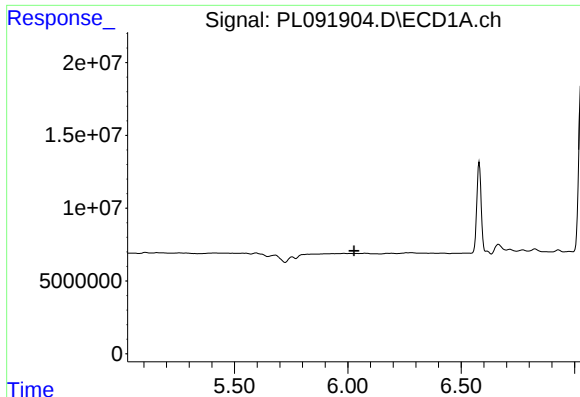
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.946 min  
Response: 0  
Conc: N.D.



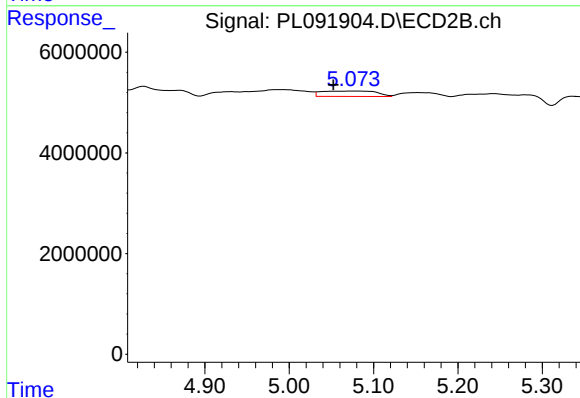
#25 Chlordane-3

R.T.: 4.992 min  
Delta R.T.: 0.002 min  
Response: 5816761  
Conc: 24.95 ng/ml



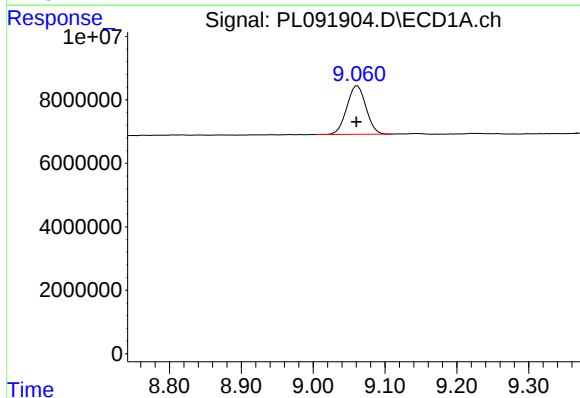
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 6.027 min  
Response: 0  
Conc: N.D.



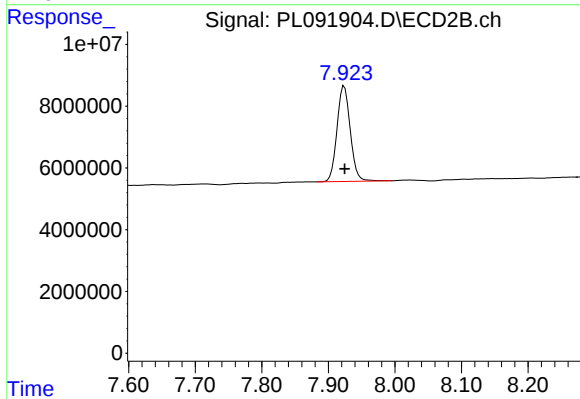
#26 Chlordane-4

R.T.: 5.075 min  
Delta R.T.: 0.023 min  
Response: 4790021  
Conc: 22.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min  
Delta R.T.: 0.001 min  
Response: 28359157  
Conc: 23.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.924 min  
Delta R.T.: 0.000 min  
Response: 42739826  
Conc: 23.15 ng/ml