

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091223\  
 Data File : PD077897.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Sep 2023 05:05  
 Operator : AR\AJ  
 Sample : PEM166  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 12 08:12:19 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 06 16:40:06 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

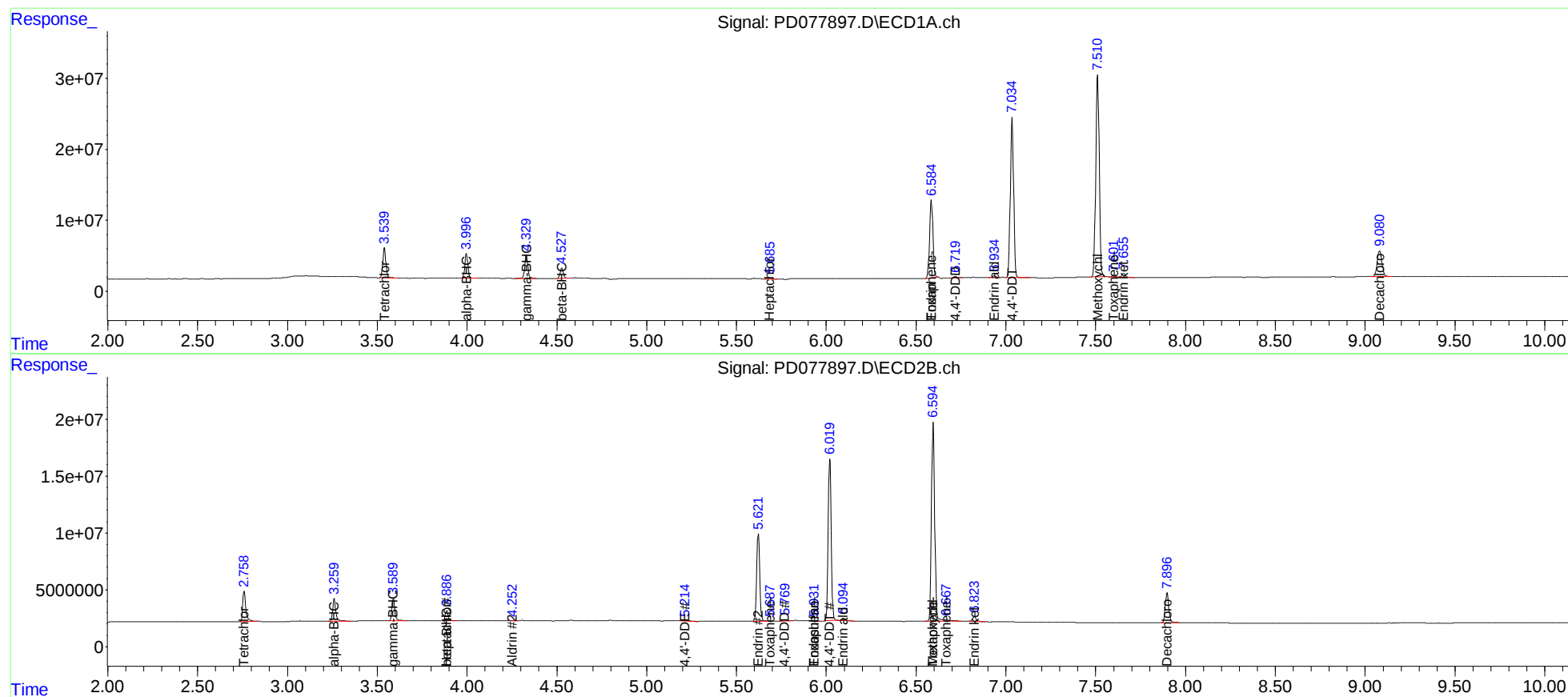
| Compound                    | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|--------|--------|----------|----------|----------|----------|
| -----                       |        |        |          |          |          |          |
| System Monitoring Compounds |        |        |          |          |          |          |
| 1) SA Tetrachlo...          | 3.541  | 2.760  | 50965919 | 32070518 | 20.083   | 21.700   |
| 27) SA Decachlor...         | 9.081  | 7.898  | 67403961 | 36003741 | 21.577   | 22.231   |
| Target Compounds            |        |        |          |          |          |          |
| 2) A alpha-BHC              | 3.997  | 3.261  | 40406974 | 23298966 | 9.437    | 10.279   |
| 3) MA gamma-BHC...          | 4.331  | 3.590  | 39953339 | 21762535 | 9.882    | 10.079   |
| 4) MA Heptachlor            | 0.000  | 3.888f | 0        | 10030862 | N.D.     | 4.512    |
| 5) MB Aldrin                | 0.000  | 4.253f | 0        | 356846   | N.D.     | 0.159    |
| 6) B beta-BHC               | 4.528  | 3.888  | 17689779 | 10030862 | 9.629    | 10.152   |
| 8) B Heptachlo...           | 5.686  | 0.000  | 2344748  | 0        | 0.607    | N.D. #   |
| 12) B 4,4'-DDE              | 0.000  | 5.215  | 0        | 1413805  | N.D.     | 0.744    |
| 14) MA Endrin               | 6.586  | 5.622  | 141.8E6  | 91525965 | 45.951   | 50.060   |
| 15) B Endosulfa...          | 0.000  | 5.931  | 0        | 418073   | N.D.     | 0.231    |
| 16) A 4,4'-DDD              | 6.720  | 5.770  | 2482006  | 1557602  | 0.933    | 1.157    |
| 17) MA 4,4'-DDT             | 7.035  | 6.020  | 291.0E6  | 168.9E6  | 106.200  | 119.491  |
| 18) B Endrin al...          | 6.935  | 6.096  | 3793252  | 1726740  | 1.460    | 1.228    |
| 20) A Methoxychlor          | 7.511  | 6.596  | 387.1E6  | 215.8E6  | 248.186  | 276.493  |
| 21) B Endrin ke...          | 7.656  | 6.825  | 7567925  | 4737214  | 2.198    | 2.472    |
| 23) Toxaphene-2             | 0.000  | 5.690  | 0        | 38297    | N.D.     | 3.176    |
| 24) Toxaphene-3             | 6.586f | 5.931  | 141.8E6  | 418073   | 6141.504 | 30.654 # |
| 25) Toxaphene-4             | 0.000  | 6.596  | 0        | 215.8E6  | N.D.     | 5590.574 |
| 26) Toxaphene-5             | 7.601  | 6.668f | 1823795  | 2600917  | 34.997   | 46.861 # |
| -----                       |        |        |          |          |          |          |

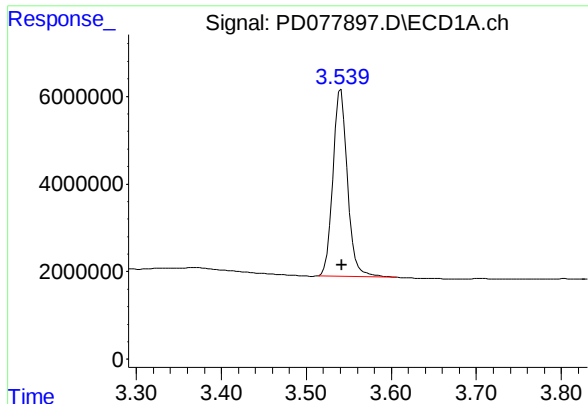
(f)=RT Delta > 1/2 window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091223\  
Data File : PD077897.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Sep 2023 05:05  
Operator : AR\AJ  
Sample : PEM166  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 12 08:12:19 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 06 16:40:06 2023  
Response via : Initial Calibration  
Integrator: ChemStation

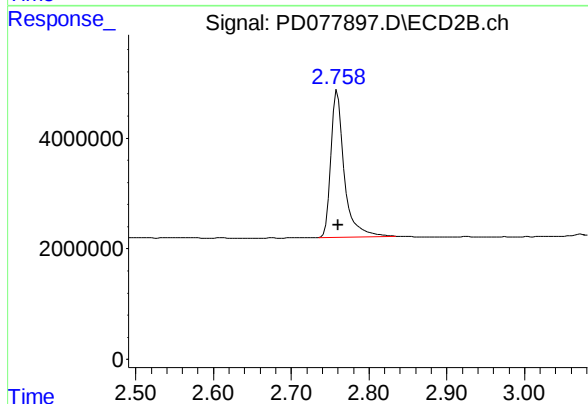
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





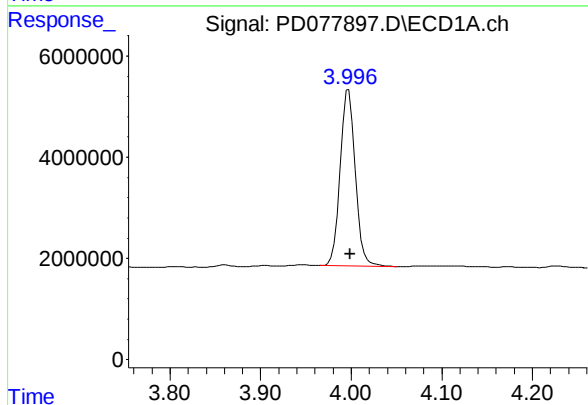
#1 Tetrachloro-m-xylene

R.T.: 3.541 min  
Delta R.T.: -0.001 min  
Response: 50965919  
Conc: 20.08 ng/ml



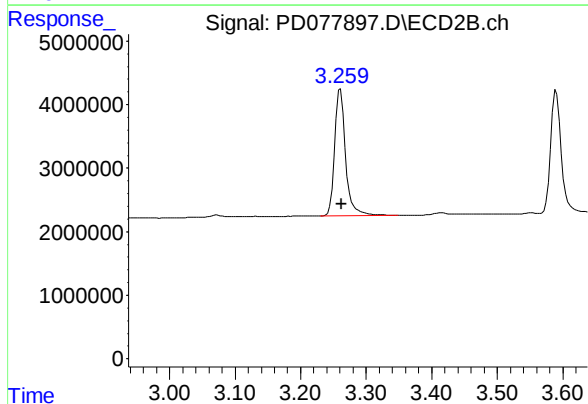
#1 Tetrachloro-m-xylene

R.T.: 2.760 min  
Delta R.T.: -0.001 min  
Response: 32070518  
Conc: 21.70 ng/ml



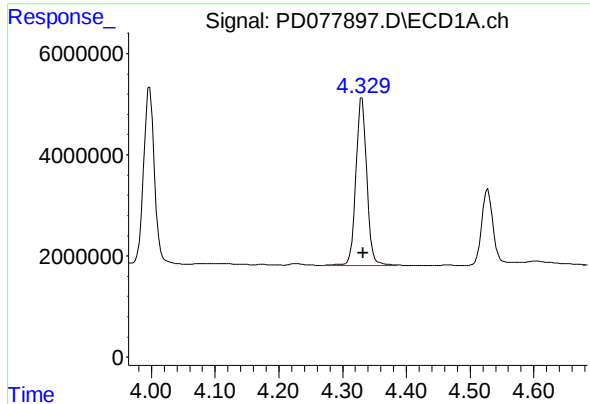
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: -0.001 min  
Response: 40406974  
Conc: 9.44 ng/ml



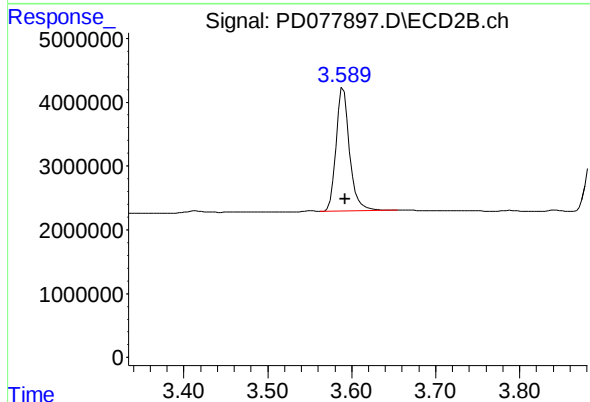
#2 alpha-BHC

R.T.: 3.261 min  
Delta R.T.: -0.001 min  
Response: 23298966  
Conc: 10.28 ng/ml



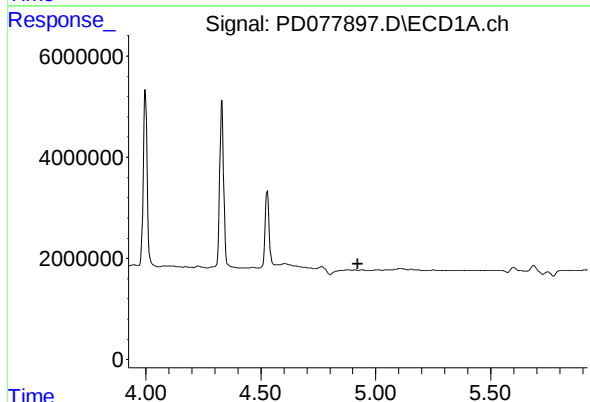
#3 gamma-BHC (Lindane)

R.T.: 4.331 min  
Delta R.T.: -0.001 min  
Response: 39953339  
Conc: 9.88 ng/ml



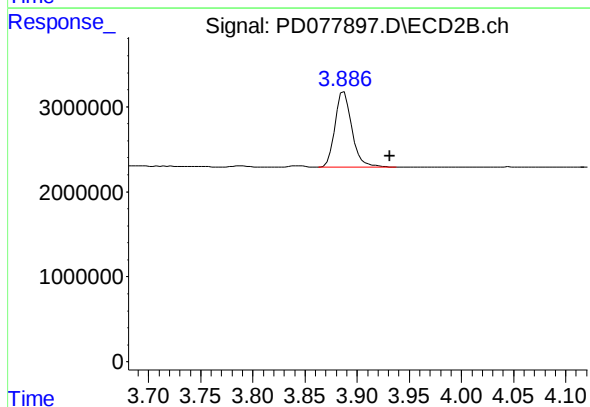
#3 gamma-BHC (Lindane)

R.T.: 3.590 min  
Delta R.T.: -0.002 min  
Response: 21762535  
Conc: 10.08 ng/ml



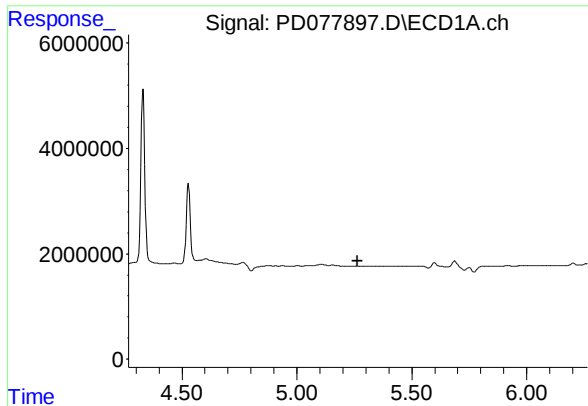
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.923 min  
Response: 0  
Conc: N.D.



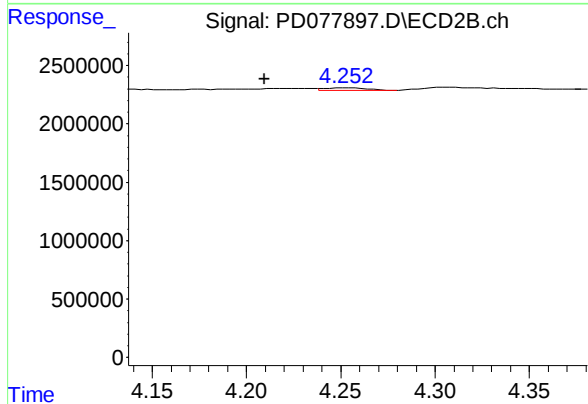
#4 Heptachlor

R.T.: 3.888 min  
Delta R.T.: -0.044 min  
Response: 10030862  
Conc: 4.51 ng/ml



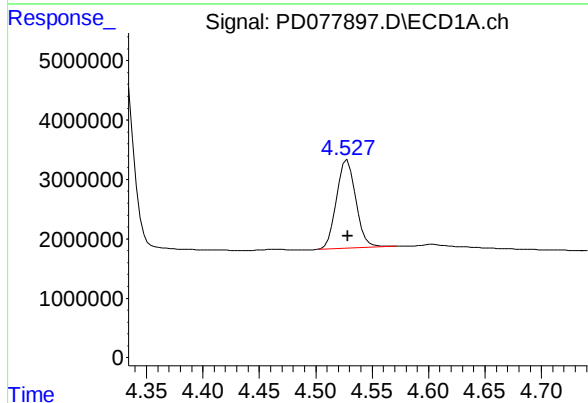
#5 Aldrin

R.T.: 0.000 min  
Exp R.T.: 5.264 min  
Response: 0  
Conc: N.D.



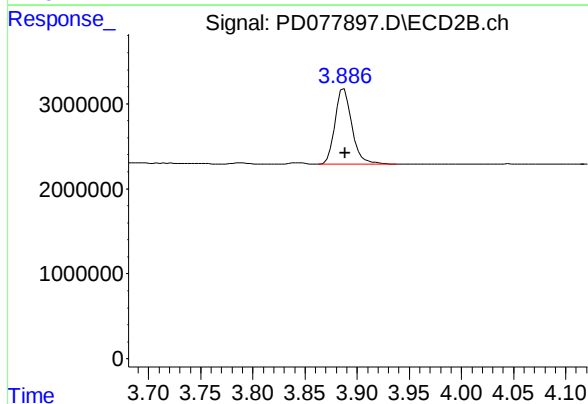
#5 Aldrin

R.T.: 4.253 min  
Delta R.T.: 0.043 min  
Response: 356846  
Conc: 0.16 ng/ml



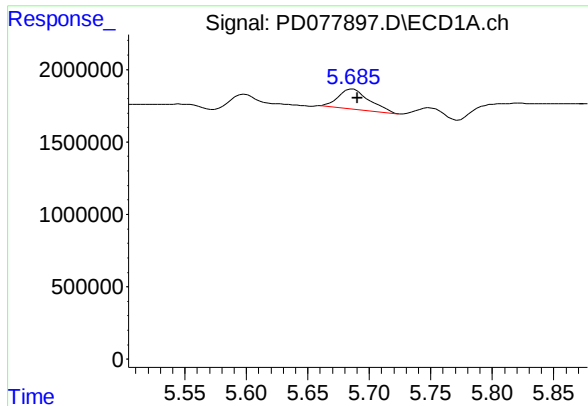
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 17689779  
Conc: 9.63 ng/ml



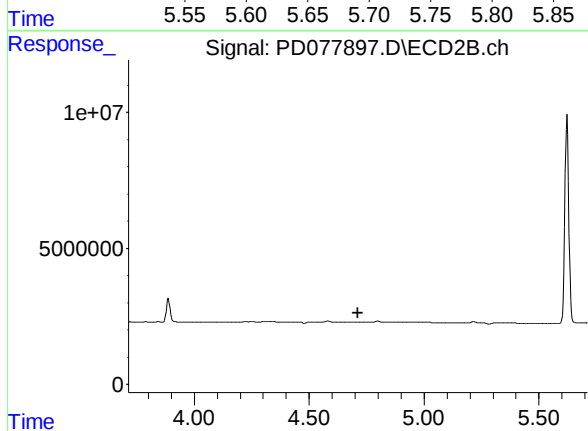
#6 beta-BHC

R.T.: 3.888 min  
Delta R.T.: 0.000 min  
Response: 10030862  
Conc: 10.15 ng/ml



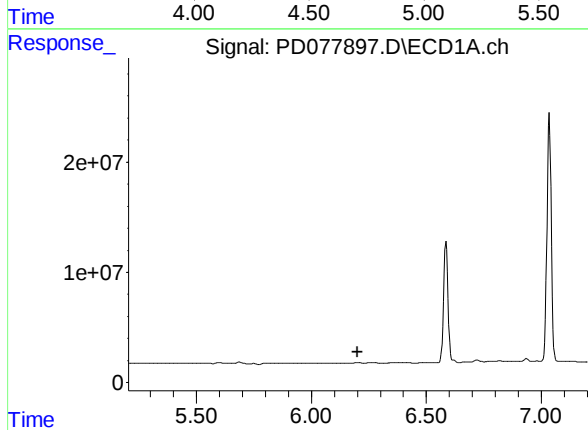
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.004 min  
Response: 2344748  
Conc: 0.61 ng/ml



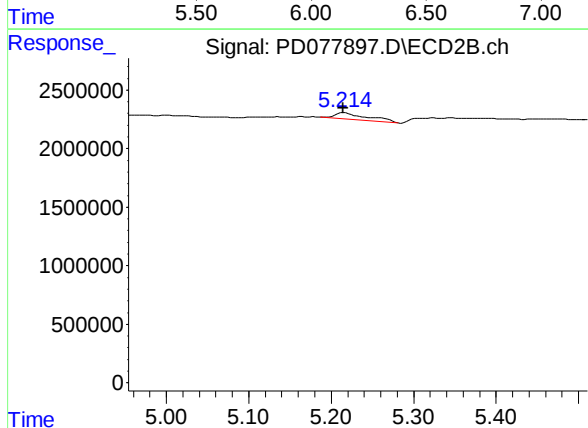
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 4.712 min  
Response: 0  
Conc: N.D.



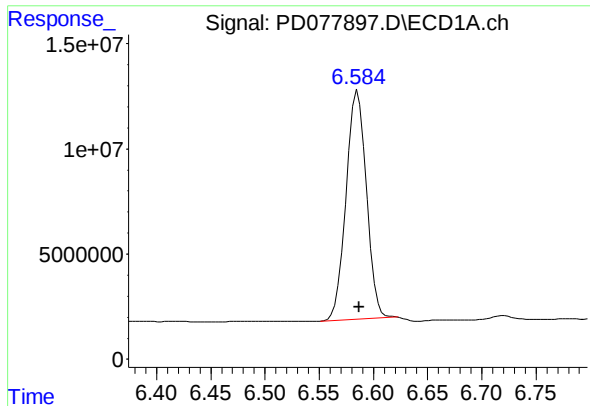
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.201 min  
Response: 0  
Conc: N.D.



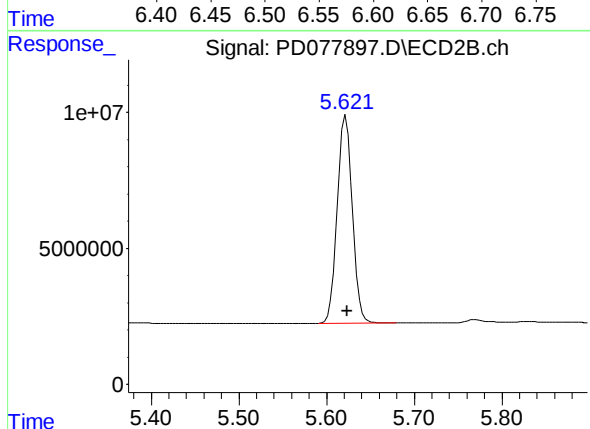
#12 4,4'-DDE

R.T.: 5.215 min  
Delta R.T.: 0.000 min  
Response: 1413805  
Conc: 0.74 ng/ml



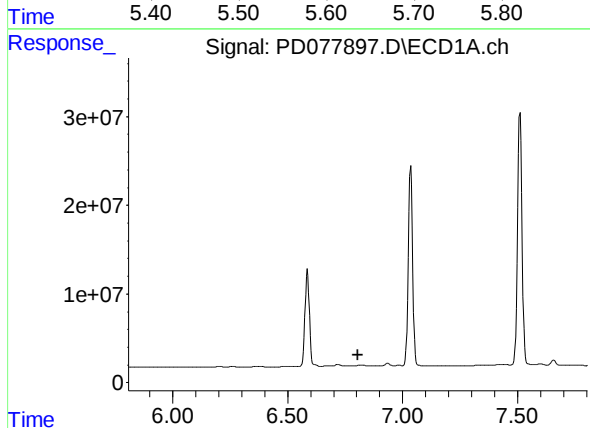
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: -0.002 min  
Response: 141770754  
Conc: 45.95 ng/ml



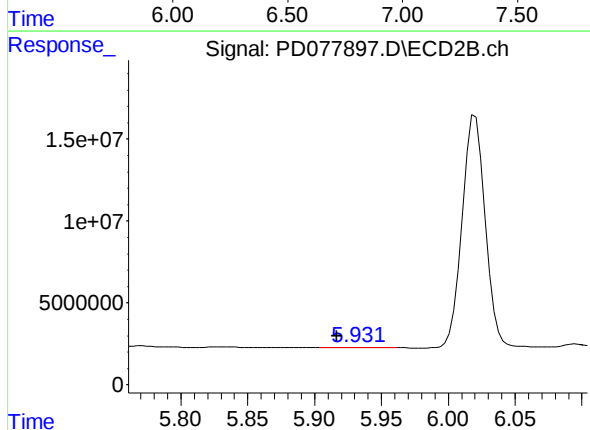
#14 Endrin

R.T.: 5.622 min  
Delta R.T.: -0.002 min  
Response: 91525965  
Conc: 50.06 ng/ml



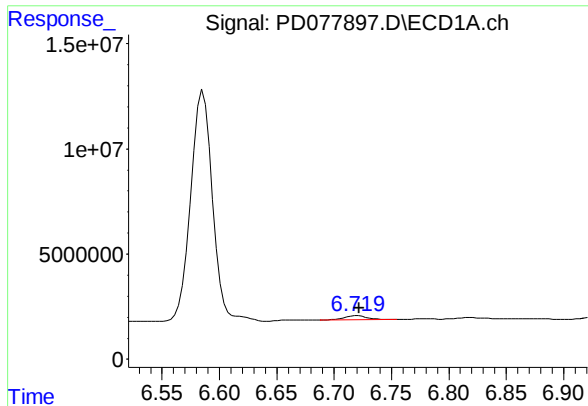
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.806 min  
Response: 0  
Conc: N.D.



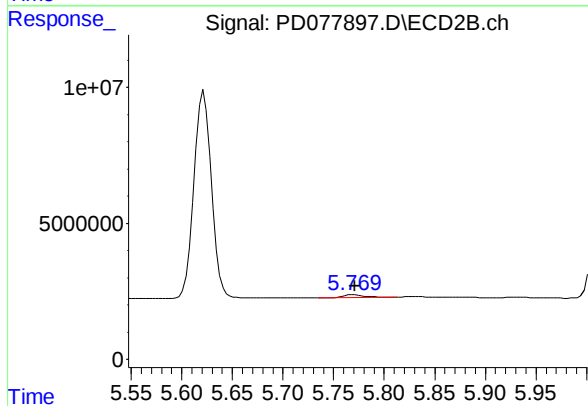
#15 Endosulfan II

R.T.: 5.931 min  
Delta R.T.: 0.015 min  
Response: 418073  
Conc: 0.23 ng/ml



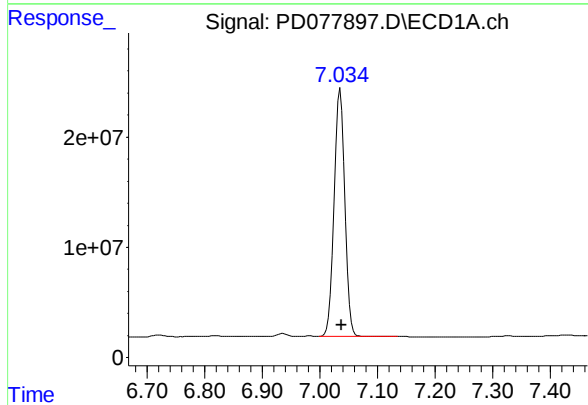
#16 4,4'-DDD

R.T.: 6.720 min  
Delta R.T.: -0.002 min  
Response: 2482006  
Conc: 0.93 ng/ml



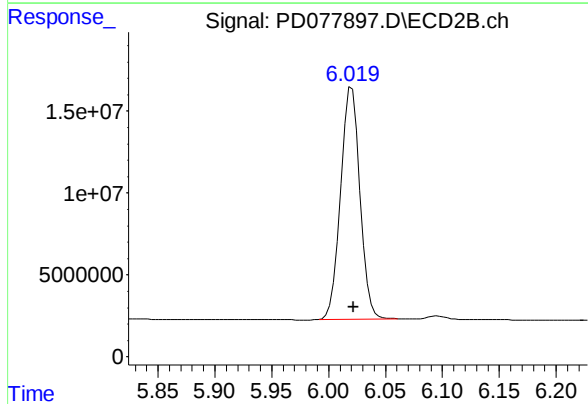
#16 4,4'-DDD

R.T.: 5.770 min  
Delta R.T.: 0.000 min  
Response: 1557602  
Conc: 1.16 ng/ml



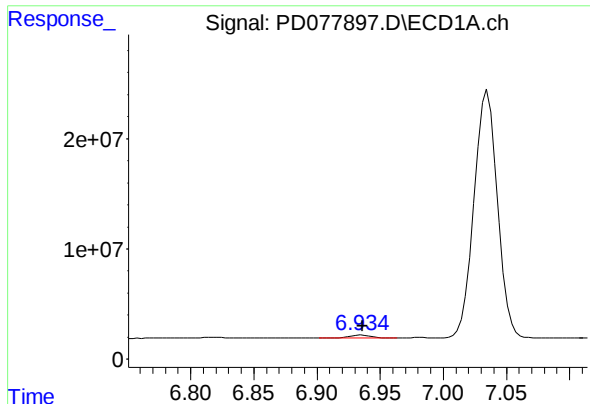
#17 4,4'-DDT

R.T.: 7.035 min  
Delta R.T.: -0.001 min  
Response: 290959546  
Conc: 106.20 ng/ml



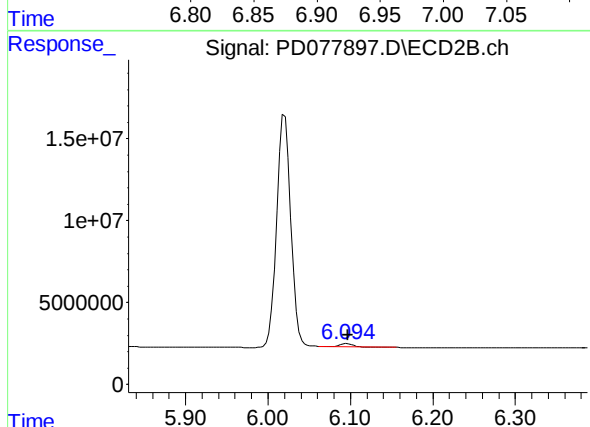
#17 4,4'-DDT

R.T.: 6.020 min  
Delta R.T.: -0.002 min  
Response: 168883079  
Conc: 119.49 ng/ml



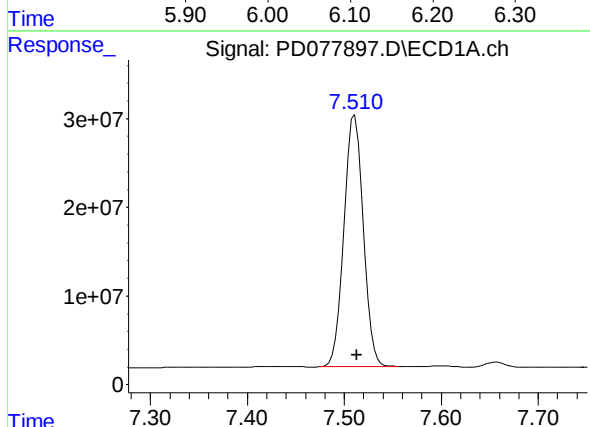
#18 Endrin aldehyde

R.T.: 6.935 min  
Delta R.T.: 0.000 min  
Response: 3793252  
Conc: 1.46 ng/ml



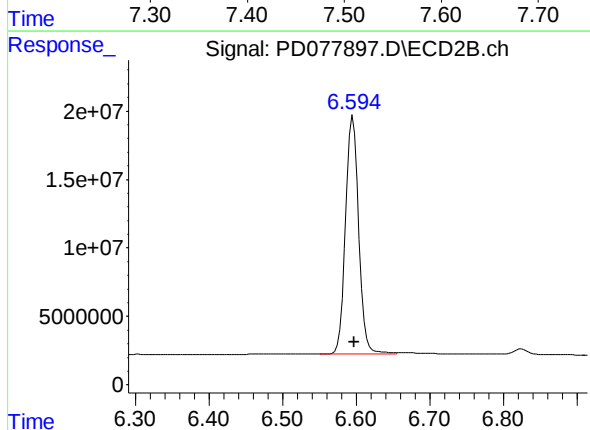
#18 Endrin aldehyde

R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 1726740  
Conc: 1.23 ng/ml



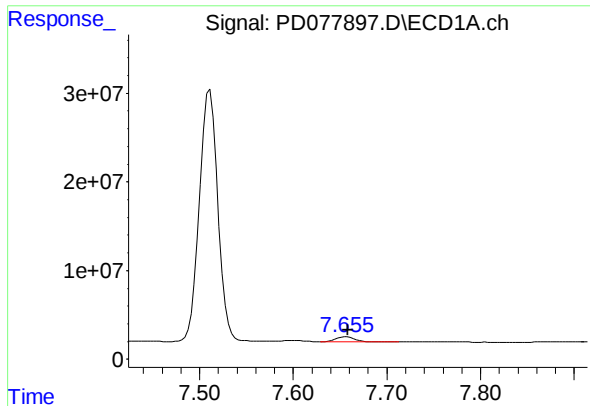
#20 Methoxychlor

R.T.: 7.511 min  
Delta R.T.: -0.002 min  
Response: 387089682  
Conc: 248.19 ng/ml



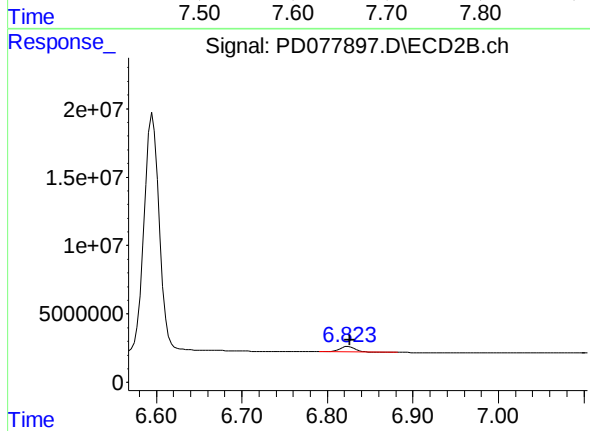
#20 Methoxychlor

R.T.: 6.596 min  
Delta R.T.: -0.002 min  
Response: 215751738  
Conc: 276.49 ng/ml



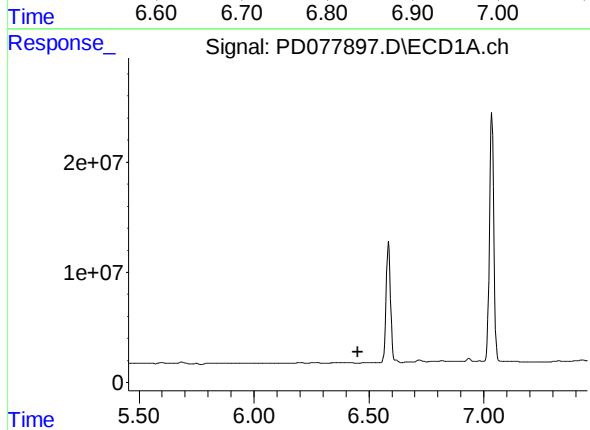
#21 Endrin ketone

R.T.: 7.656 min  
Delta R.T.: -0.002 min  
Response: 7567925  
Conc: 2.20 ng/ml



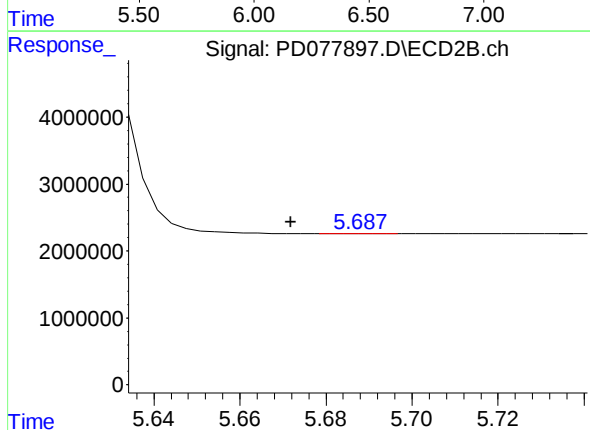
#21 Endrin ketone

R.T.: 6.825 min  
Delta R.T.: -0.001 min  
Response: 4737214  
Conc: 2.47 ng/ml



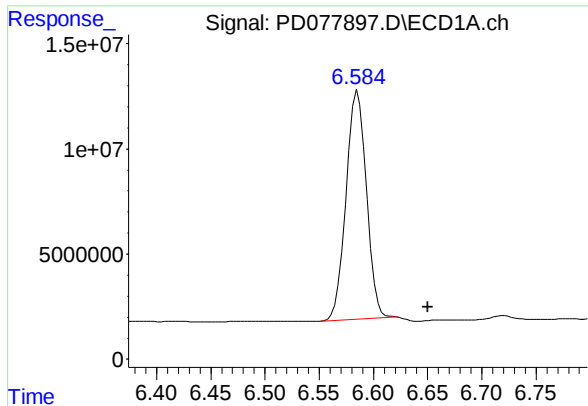
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T.: 6.452 min  
Response: 0  
Conc: N.D.



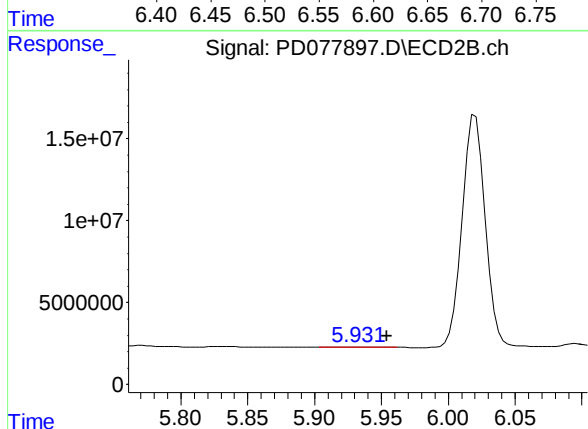
#23 Toxaphene-2

R.T.: 5.690 min  
Delta R.T.: 0.018 min  
Response: 38297  
Conc: 3.18 ng/ml



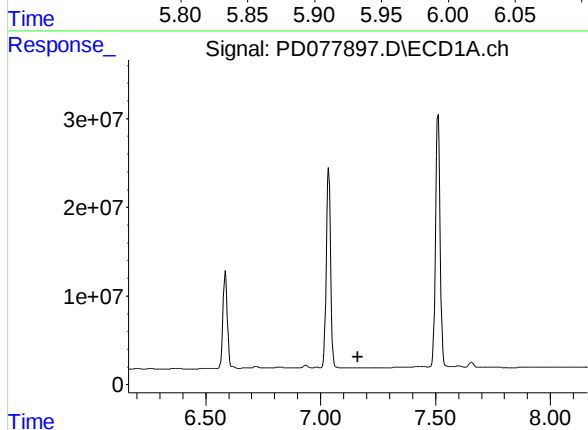
#24 Toxaphene-3

R.T.: 6.586 min  
Delta R.T.: -0.065 min  
Response: 141770754  
Conc: 6141.50 ng/ml



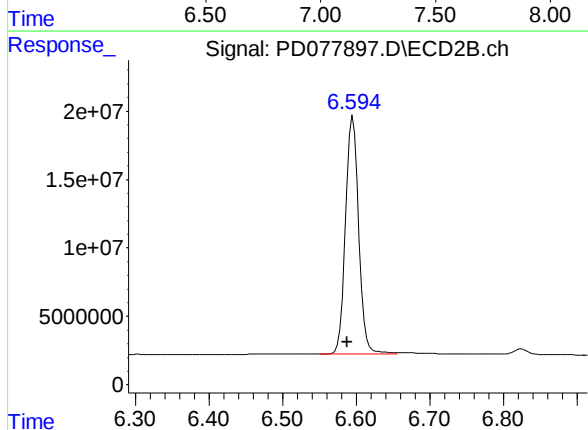
#24 Toxaphene-3

R.T.: 5.931 min  
Delta R.T.: -0.023 min  
Response: 418073  
Conc: 30.65 ng/ml



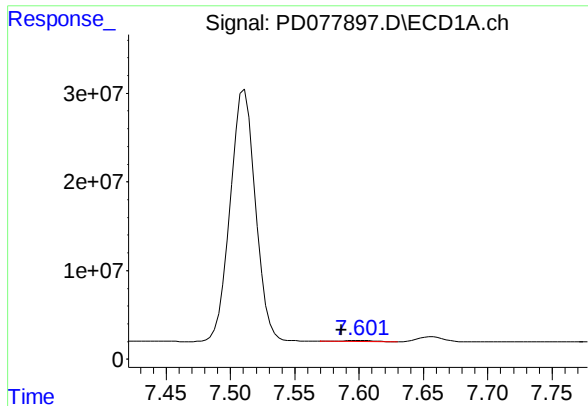
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T.: 7.163 min  
Response: 0  
Conc: N.D.



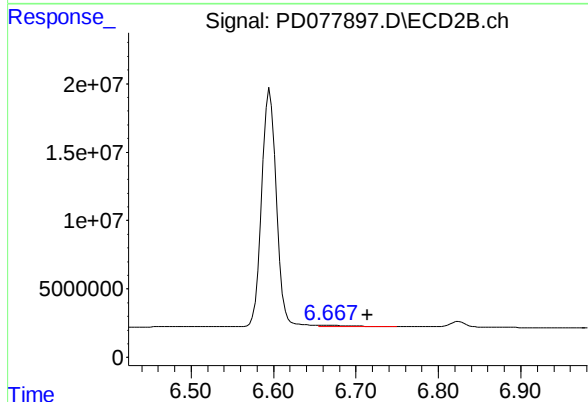
#25 Toxaphene-4

R.T.: 6.596 min  
Delta R.T.: 0.008 min  
Response: 215751738  
Conc: 5590.57 ng/ml



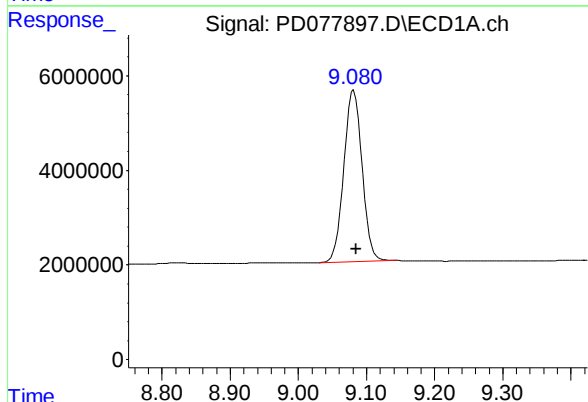
#26 Toxaphene-5

R.T.: 7.601 min  
Delta R.T.: 0.016 min  
Response: 1823795  
Conc: 35.00 ng/ml



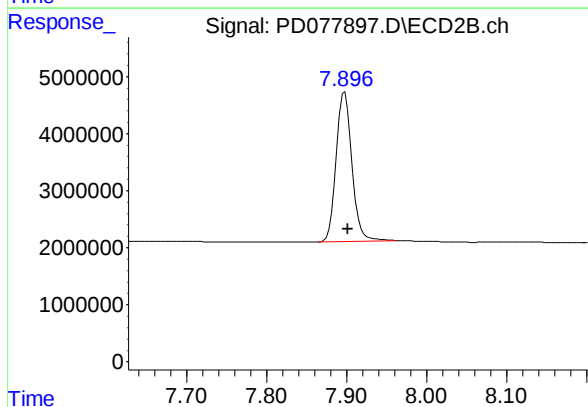
#26 Toxaphene-5

R.T.: 6.668 min  
Delta R.T.: -0.046 min  
Response: 2600917  
Conc: 46.86 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.081 min  
Delta R.T.: -0.003 min  
Response: 67403961  
Conc: 21.58 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.898 min  
Delta R.T.: -0.003 min  
Response: 36003741  
Conc: 22.23 ng/ml