

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012025\  
 Data File : PD087437.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jan 2025 09:28  
 Operator : AR\AJ  
 Sample : PEM044  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 20 22:41:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011625CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 16 13:39:07 2025  
 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

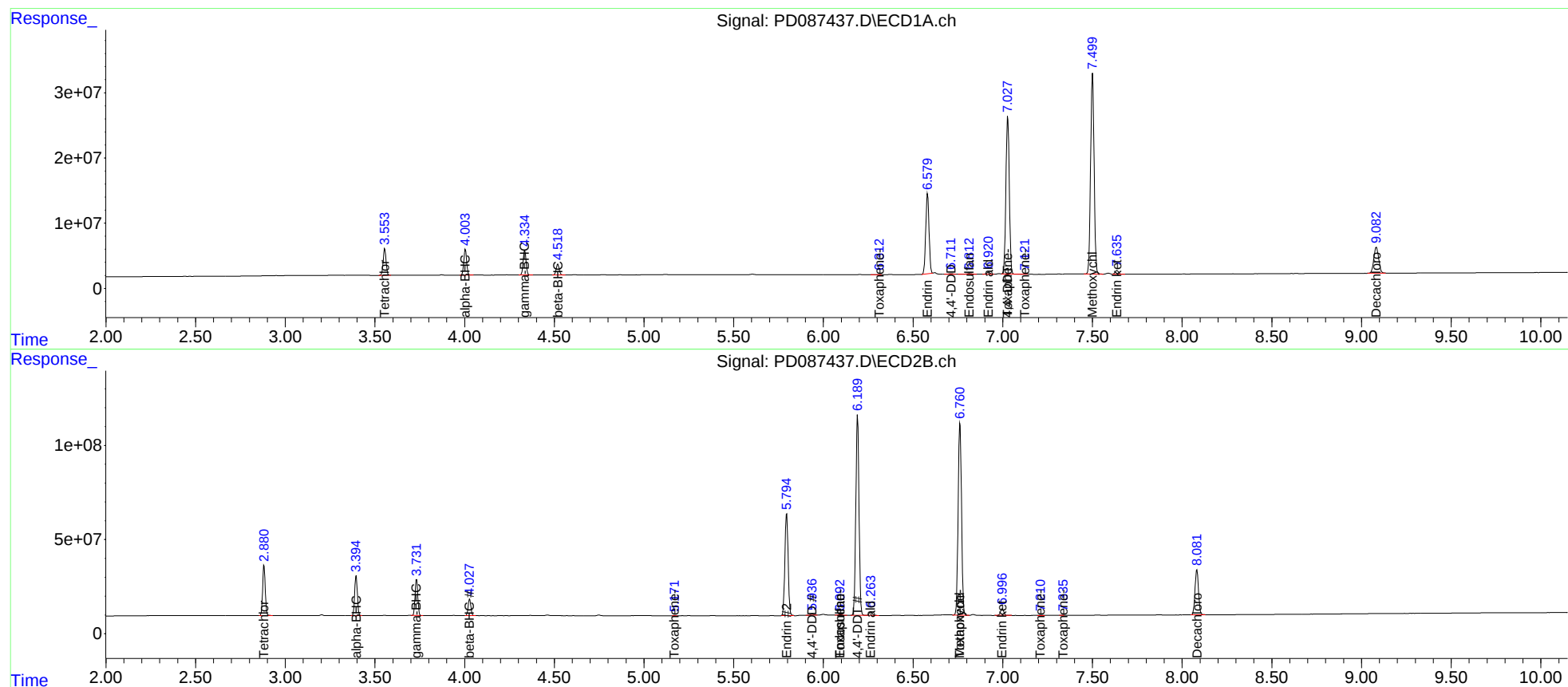
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.555  | 2.882  | 45626604 | 272.3E6  | 22.388   | 22.019     |
| 27)                         | SA Decachlor... | 9.083  | 8.082  | 75091700 | 325.1E6  | 22.460   | 22.448     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.004  | 3.395  | 43645287 | 221.6E6  | 10.506   | 11.190     |
| 3)                          | MA gamma-BHC... | 4.335  | 3.732  | 43032827 | 202.6E6  | 10.698   | 11.063     |
| 4)                          | MA Heptachlor   | 4.956  | 0.000  | 42929    | 0        | <MDL     | N.D. #     |
| 5)                          | MB Aldrin       | 0.000  | 4.368  | 0        | 1188537  | N.D.     | <MDL       |
| 6)                          | B beta-BHC      | 4.520  | 4.028  | 19419674 | 94333824 | 10.813   | 11.058     |
| 7)                          | B delta-BHC     | 4.778  | 4.267  | 242514   | 79220    | <MDL     | <MDL #     |
| 8)                          | B Heptachlo...  | 5.687  | 0.000  | 163253   | 0        | <MDL     | N.D. #     |
| 9)                          | A Endosulfan I  | 0.000  | 5.252  | 0        | 578925   | N.D.     | <MDL       |
| 10)                         | B trans-Chl...  | 5.897f | 5.171f | 19007    | 528955   | <MDL     | <MDL #     |
| 11)                         | B cis-Chlor...  | 0.000  | 5.171  | 0        | 528955   | N.D.     | <MDL       |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.381  | 0        | 1075975  | N.D.     | <MDL       |
| 13)                         | MA Dieldrin     | 6.374  | 0.000  | 219846   | 0        | <MDL     | N.D. #     |
| 14)                         | MA Endrin       | 6.581  | 5.795  | 156.9E6  | 687.8E6  | 48.334   | 46.033     |
| 15)                         | B Endosulfa...  | 6.814  | 6.094  | 1559360  | 2541193  | 0.484    | 0.172 #    |
| 16)                         | A 4,4'-DDD      | 6.712  | 5.938  | 1138800  | 6858939  | 0.414    | 0.513      |
| 17)                         | MA 4,4'-DDT     | 7.028  | 6.191  | 320.3E6  | 1317.3E6 | 110.504  | 95.586     |
| 18)                         | B Endrin al...  | 6.921  | 6.265  | 3878001  | 24619967 | 1.539    | 2.135 #    |
| 19)                         | B Endosulfa...  | 7.123  | 6.471  | 27049    | 408356   | <MDL     | <MDL #     |
| 20)                         | A Methoxychlor  | 7.501  | 6.762  | 411.7E6  | 1348.3E6 | 259.874  | 218.898    |
| 21)                         | B Endrin ke...  | 7.637  | 6.997  | 7394574  | 44947189 | 2.148    | 2.830 #    |
| 22)                         | Toxaphene-1     | 6.314f | 5.171  | 24849    | 528955   | 1.088    | 6.094 #    |
| 23)                         | Toxaphene-2     | 0.000  | 6.094  | 0        | 2541193  | N.D.     | 27.151     |
| 24)                         | Toxaphene-3     | 7.028f | 6.762  | 320.3E6  | 1348.3E6 | 3608.440 | 4529.723 # |
| 25)                         | Toxaphene-4     | 7.123  | 7.211  | 27049    | 1721267  | 0.414    | 8.125 #    |
| 26)                         | Toxaphene-5     | 0.000  | 7.336  | 0        | 909145   | N.D.     | 5.863      |
| -----                       |                 |        |        |          |          |          |            |

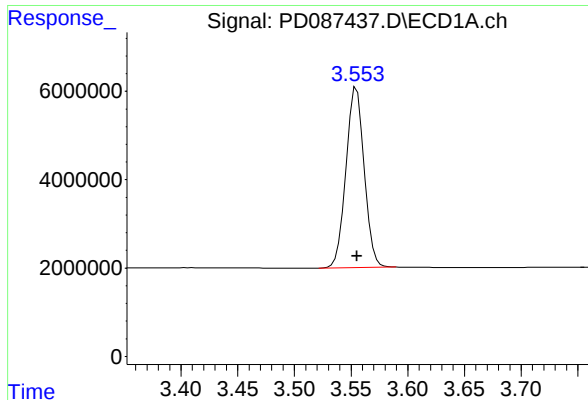
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : GC Extractables  
QLast Update : Thu Jan 16 13:39:07 2025  
Response via : Initial Calibration  
Integrator: ChemStation

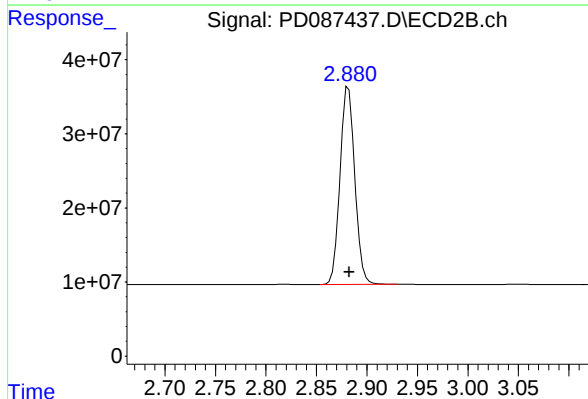
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





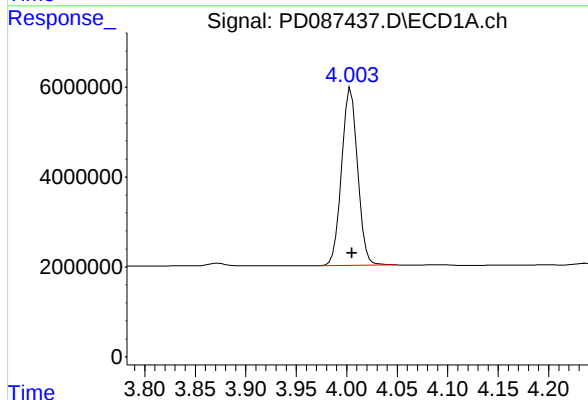
#1 Tetrachloro-m-xylene

R.T.: 3.555 min  
Delta R.T.: 0.000 min  
Response: 45626604  
Conc: 22.39 ng/ml



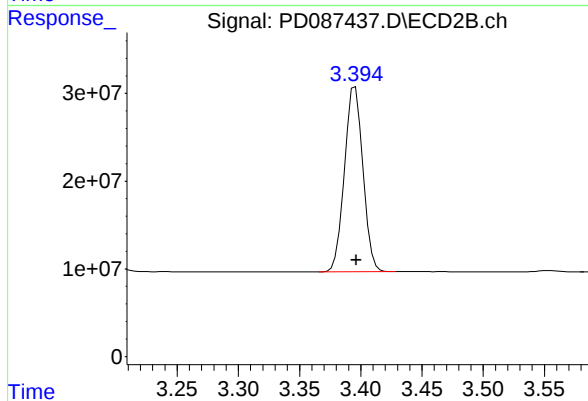
#1 Tetrachloro-m-xylene

R.T.: 2.882 min  
Delta R.T.: 0.000 min  
Response: 272323002  
Conc: 22.02 ng/ml



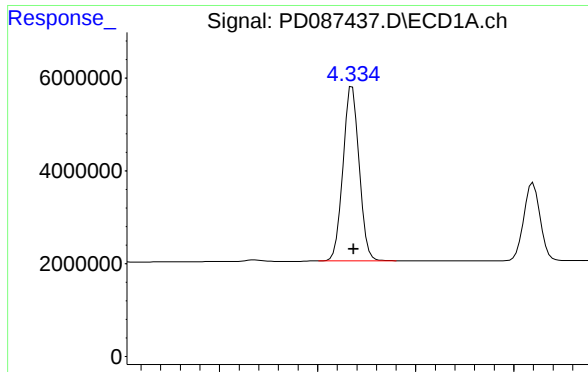
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: -0.001 min  
Response: 43645287  
Conc: 10.51 ng/ml



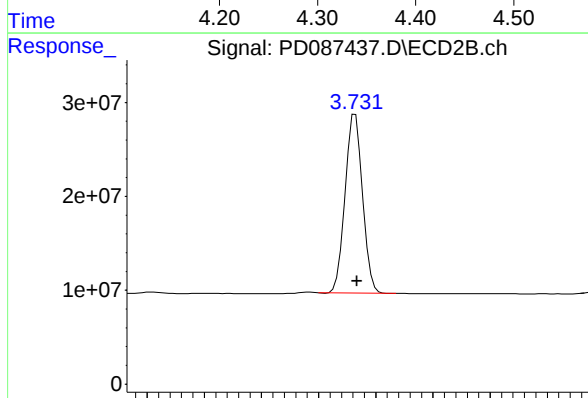
#2 alpha-BHC

R.T.: 3.395 min  
Delta R.T.: 0.000 min  
Response: 221584829  
Conc: 11.19 ng/ml



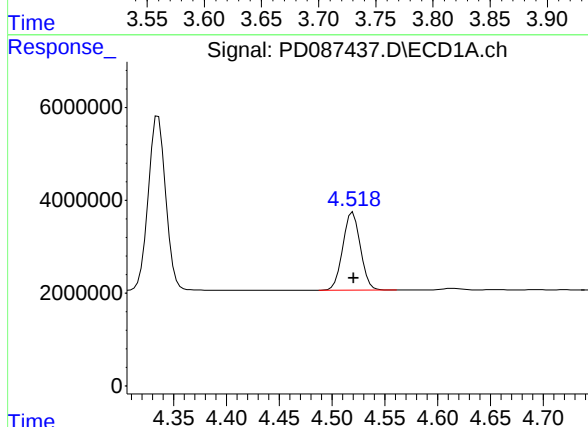
#3 gamma-BHC (Lindane)

R.T.: 4.335 min  
Delta R.T.: -0.001 min  
Response: 43032827  
Conc: 10.70 ng/ml



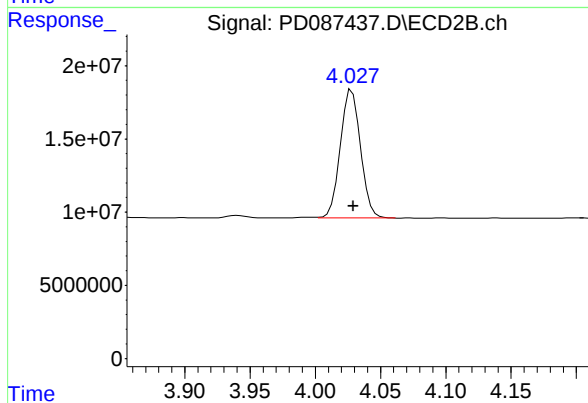
#3 gamma-BHC (Lindane)

R.T.: 3.732 min  
Delta R.T.: -0.001 min  
Response: 202648160  
Conc: 11.06 ng/ml



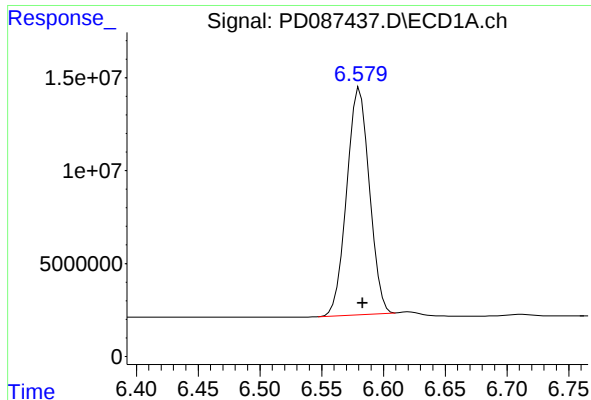
#6 beta-BHC

R.T.: 4.520 min  
Delta R.T.: 0.000 min  
Response: 19419674  
Conc: 10.81 ng/ml



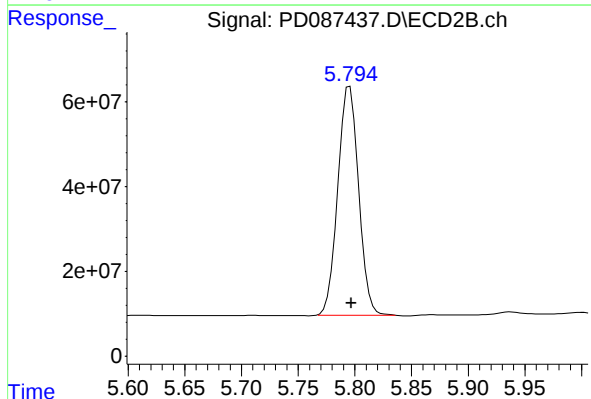
#6 beta-BHC

R.T.: 4.028 min  
Delta R.T.: -0.001 min  
Response: 94333824  
Conc: 11.06 ng/ml



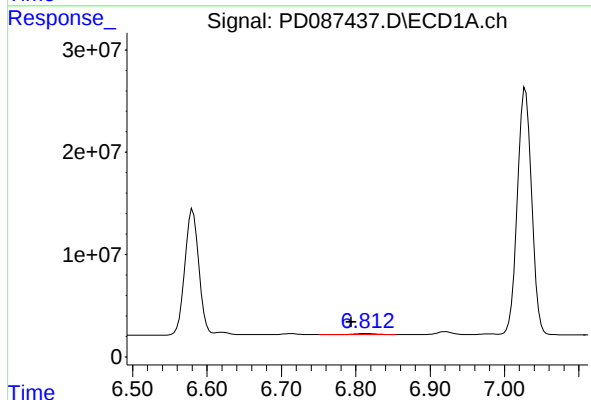
#14 Endrin

R.T.: 6.581 min  
Delta R.T.: -0.002 min  
Response: 156876288  
Conc: 48.33 ng/ml



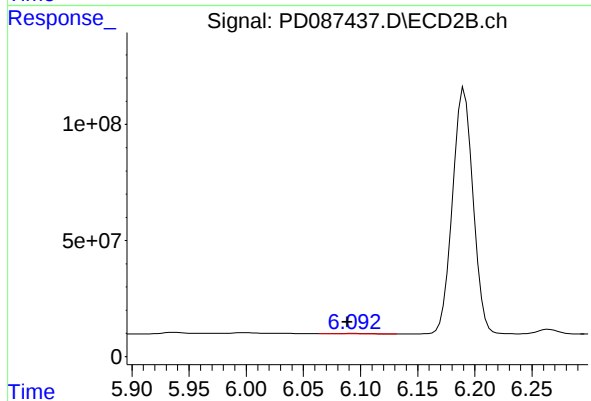
#14 Endrin

R.T.: 5.795 min  
Delta R.T.: -0.001 min  
Response: 687834657  
Conc: 46.03 ng/ml



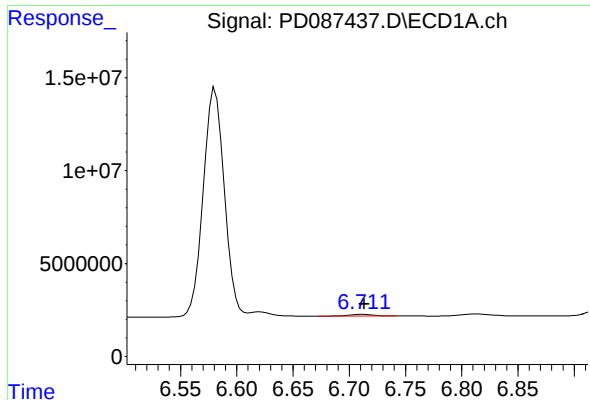
#15 Endosulfan II

R.T.: 6.814 min  
Delta R.T.: 0.020 min  
Response: 1559360  
Conc: 0.48 ng/ml



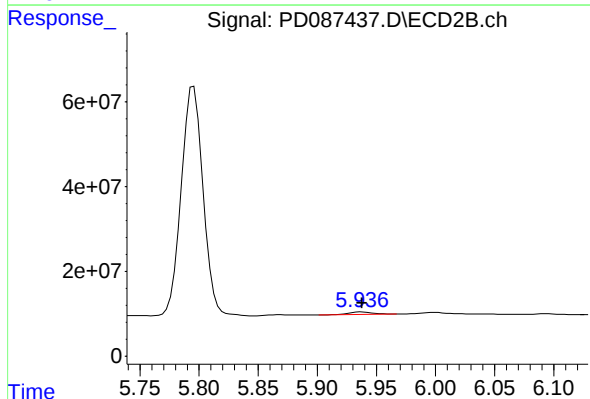
#15 Endosulfan II

R.T.: 6.094 min  
Delta R.T.: 0.005 min  
Response: 2541193  
Conc: 0.17 ng/ml



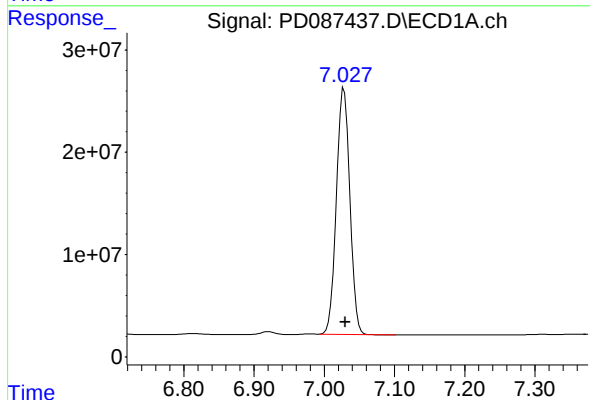
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: -0.001 min  
Response: 1138800  
Conc: 0.41 ng/ml



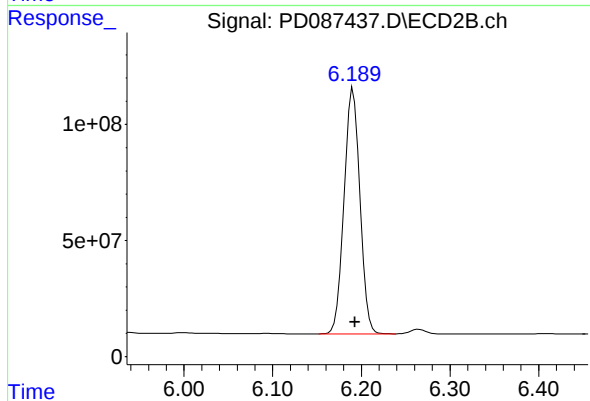
#16 4,4'-DDD

R.T.: 5.938 min  
Delta R.T.: 0.000 min  
Response: 6858939  
Conc: 0.51 ng/ml



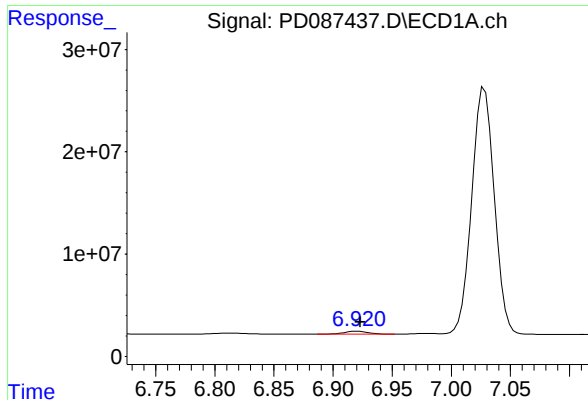
#17 4,4'-DDT

R.T.: 7.028 min  
Delta R.T.: -0.002 min  
Response: 32026623  
Conc: 110.50 ng/ml



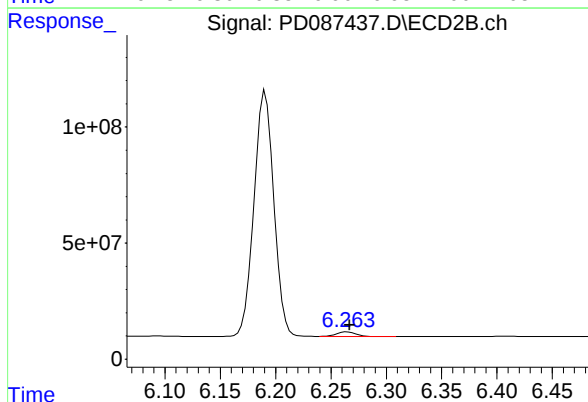
#17 4,4'-DDT

R.T.: 6.191 min  
Delta R.T.: -0.002 min  
Response: 1317256899  
Conc: 95.59 ng/ml



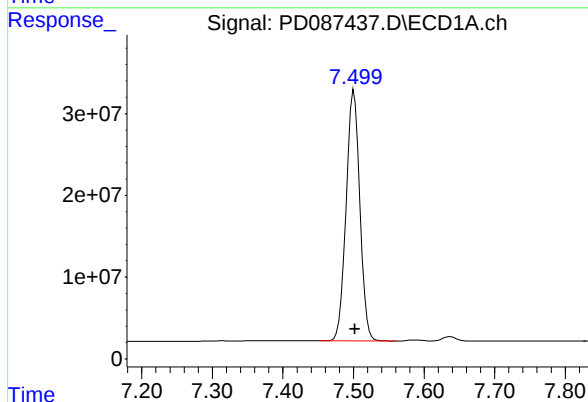
#18 Endrin aldehyde

R.T.: 6.921 min  
Delta R.T.: -0.002 min  
Response: 3878001  
Conc: 1.54 ng/ml



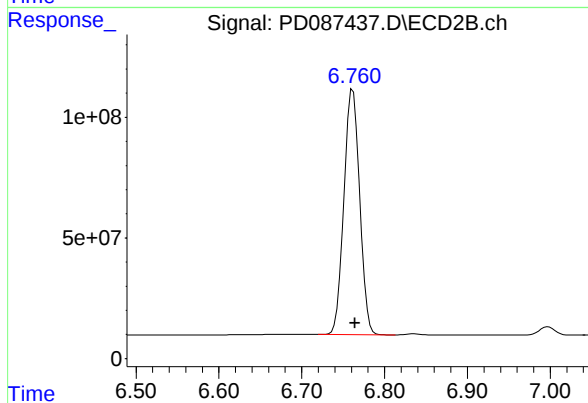
#18 Endrin aldehyde

R.T.: 6.265 min  
Delta R.T.: -0.002 min  
Response: 24619967  
Conc: 2.14 ng/ml



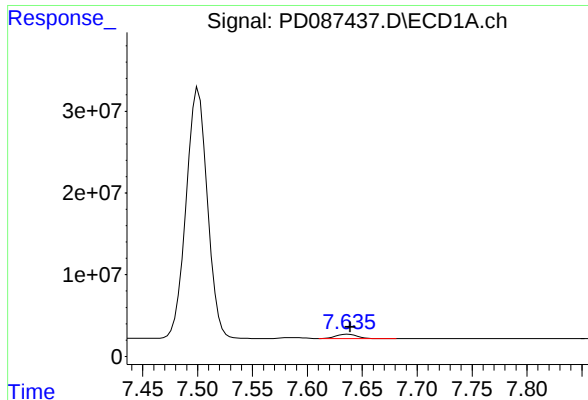
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: -0.001 min  
Response: 411731190  
Conc: 259.87 ng/ml



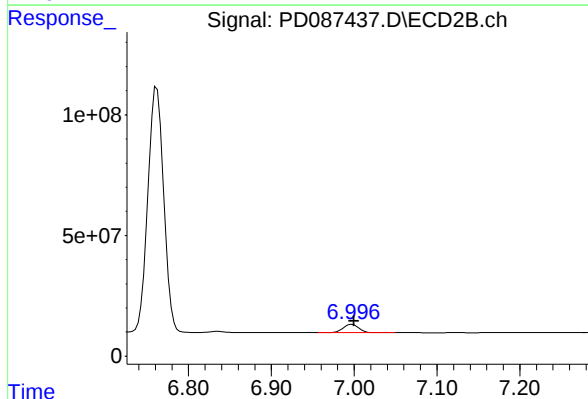
#20 Methoxychlor

R.T.: 6.762 min  
Delta R.T.: -0.002 min  
Response: 1348257793  
Conc: 218.90 ng/ml



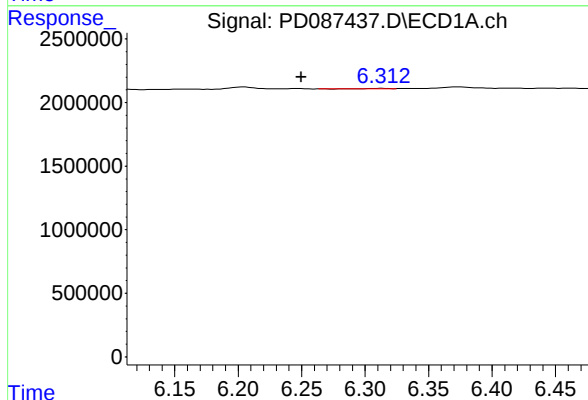
#21 Endrin ketone

R.T.: 7.637 min  
Delta R.T.: -0.002 min  
Response: 7394574  
Conc: 2.15 ng/ml



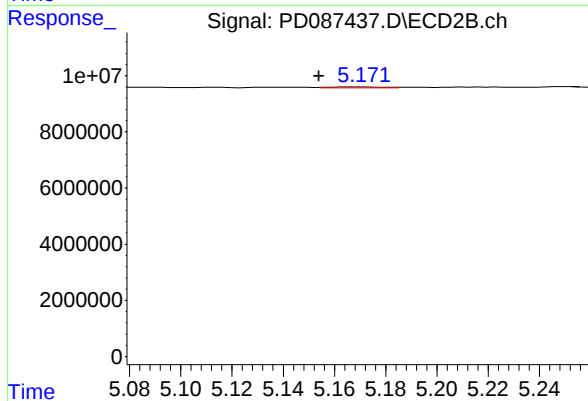
#21 Endrin ketone

R.T.: 6.997 min  
Delta R.T.: -0.002 min  
Response: 44947189  
Conc: 2.83 ng/ml



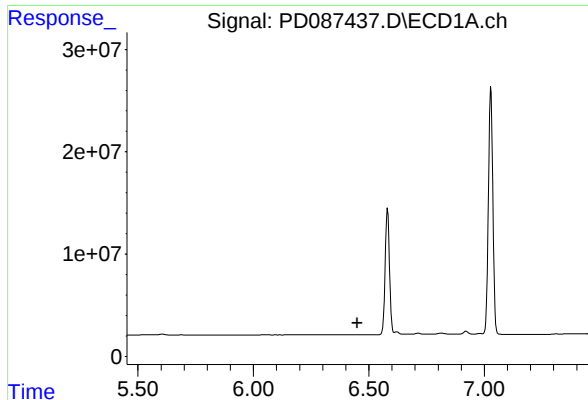
#22 Toxaphene-1

R.T.: 6.314 min  
Delta R.T.: 0.064 min  
Response: 24849  
Conc: 1.09 ng/ml



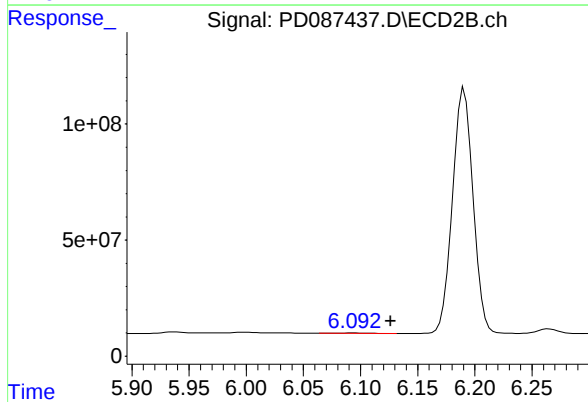
#22 Toxaphene-1

R.T.: 5.171 min  
Delta R.T.: 0.017 min  
Response: 528955  
Conc: 6.09 ng/ml



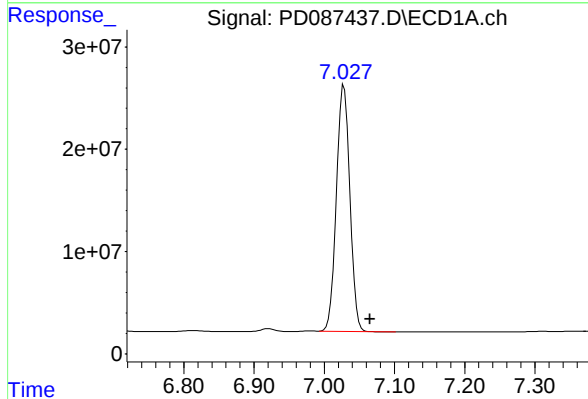
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T.: 6.449 min  
Response: 0  
Conc: N.D.



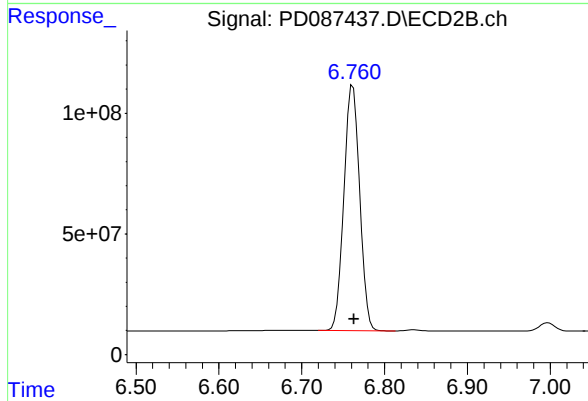
#23 Toxaphene-2

R.T.: 6.094 min  
Delta R.T.: -0.033 min  
Response: 2541193  
Conc: 27.15 ng/ml



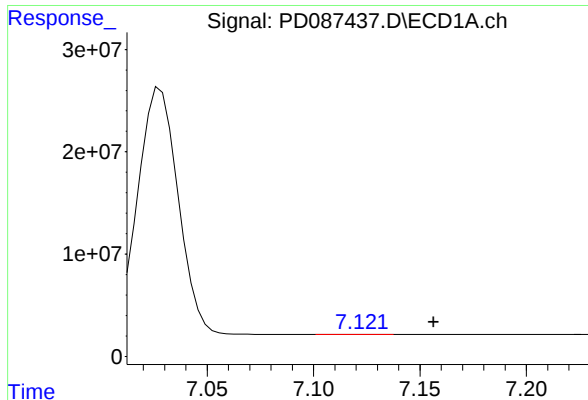
#24 Toxaphene-3

R.T.: 7.028 min  
Delta R.T.: -0.037 min  
Response: 320266623  
Conc: 3608.44 ng/ml



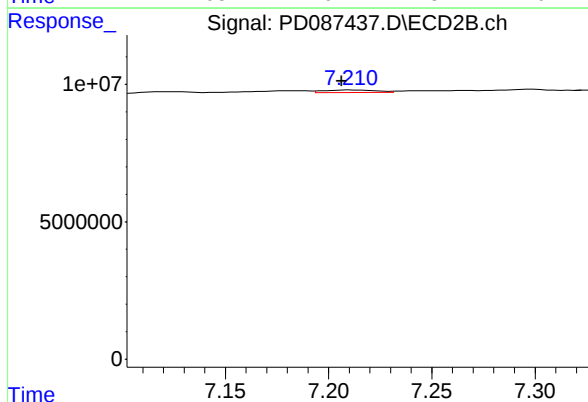
#24 Toxaphene-3

R.T.: 6.762 min  
Delta R.T.: -0.001 min  
Response: 1348257793  
Conc: 4529.72 ng/ml



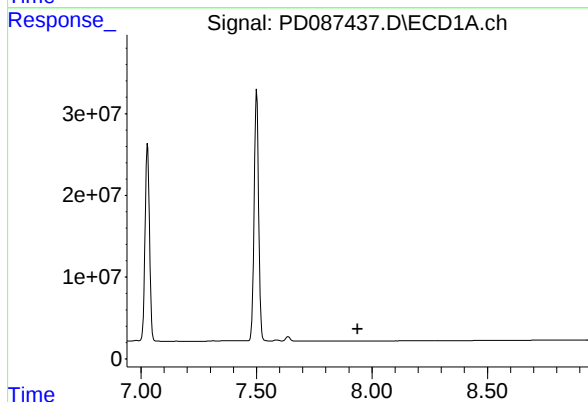
#25 Toxaphene-4

R.T.: 7.123 min  
Delta R.T.: -0.033 min  
Response: 27049  
Conc: 0.41 ng/ml



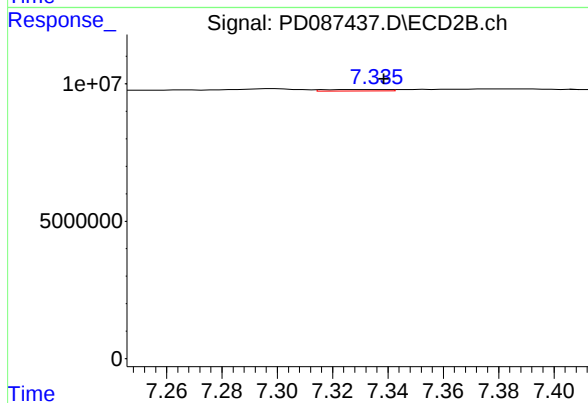
#25 Toxaphene-4

R.T.: 7.211 min  
Delta R.T.: 0.005 min  
Response: 1721267  
Conc: 8.13 ng/ml



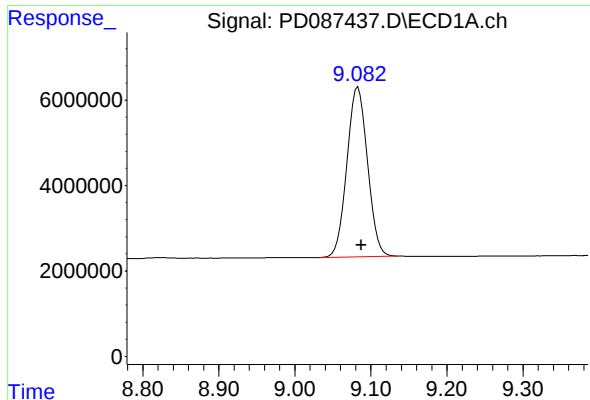
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 7.938 min  
Response: 0  
Conc: N.D.



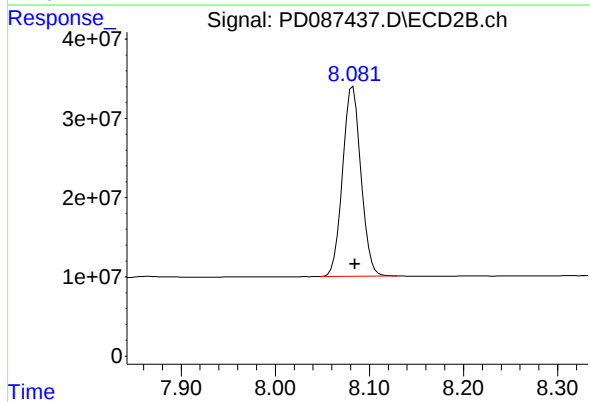
#26 Toxaphene-5

R.T.: 7.336 min  
Delta R.T.: -0.002 min  
Response: 909145  
Conc: 5.86 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: -0.004 min  
Response: 75091700  
Conc: 22.46 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.082 min  
Delta R.T.: -0.002 min  
Response: 325142968  
Conc: 22.45 ng/ml