

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010324\  
 Data File : PL087611.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jan 2024 10:27  
 Operator : AR\AJ  
 Sample : PB158173BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 03 21:36:27 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 29 03:17:47 2023  
 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... | 3.421  | 2.675 | 56648943 | 22172437 | 18.922   | 18.304    |
| 28)                         | SA Decachlor... | 8.981  | 7.864 | 55318268 | 24788377 | 19.424   | 19.567    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.877  | 3.179 | 219.8E6  | 88534739 | 48.994   | 48.036    |
| 3)                          | MA gamma-BHC... | 4.211  | 3.510 | 205.1E6  | 83743621 | 47.021   | 46.082    |
| 4)                          | MA Heptachlor   | 4.804  | 3.852 | 218.9E6  | 85033356 | 49.823   | 47.745    |
| 5)                          | MB Aldrin       | 5.147  | 4.132 | 203.4E6  | 81809376 | 47.450   | 46.354    |
| 6)                          | B beta-BHC      | 4.411  | 3.811 | 90133654 | 34634934 | 48.446   | 45.284    |
| 7)                          | B delta-BHC     | 4.658  | 4.041 | 204.6E6  | 82124624 | 48.613   | 47.309    |
| 8)                          | B Heptachlo...  | 5.578  | 4.640 | 187.7E6  | 76133942 | 48.996   | 47.769    |
| 9)                          | A Endosulfan I  | 5.964  | 5.011 | 173.7E6  | 71476911 | 48.166   | 46.205    |
| 10)                         | B gamma-Chl...  | 5.836  | 4.893 | 192.6E6  | 78641728 | 49.830   | 48.722    |
| 11)                         | B alpha-Chl...  | 5.916  | 4.958 | 186.8E6  | 77605840 | 48.607   | 46.761    |
| 12)                         | B 4,4'-DDE      | 6.097  | 5.156 | 160.0E6  | 68358042 | 50.034   | 50.819    |
| 13)                         | MA Dieldrin     | 6.243  | 5.279 | 174.7E6  | 74743082 | 46.912   | 47.034    |
| 14)                         | MA Endrin       | 6.473  | 5.554 | 146.2E6  | 70831029 | 46.555   | 49.952    |
| 15)                         | B Endosulfa...  | 6.694  | 5.852 | 146.6E6  | 62994911 | 45.723   | 46.016    |
| 16)                         | A 4,4'-DDD      | 6.618  | 5.714 | 133.1E6  | 58497864 | 51.619   | 51.880    |
| 17)                         | MA 4,4'-DDT     | 6.935  | 5.967 | 146.0E6  | 62085232 | 51.052   | 49.884    |
| 18)                         | B Endrin al...  | 6.826  | 6.034 | 118.5E6  | 52898814 | 47.130   | 45.516    |
| 19)                         | B Endosulfa...  | 7.063  | 6.259 | 149.8E6  | 66014426 | 48.988   | 50.290    |
| 20)                         | A Methoxychlor  | 7.421  | 6.553 | 72989909 | 34244124 | 44.956   | 46.522    |
| 21)                         | B Endrin ke...  | 7.548  | 6.765 | 157.7E6  | 71255507 | 48.494   | 46.479    |
| 22)                         | Mirex           | 8.026  | 6.946 | 127.4E6  | 59606054 | 45.431   | 44.437    |
| 23)                         | Chlordane-1     | 0.000  | 3.688 | 0        | 32512    | N.D.     | 0.696 #   |
| 24)                         | Chlordane-2     | 5.147f | 4.270 | 203.4E6  | 505321   | 1379.036 | 9.032 #   |
| 25)                         | Chlordane-3     | 5.836  | 4.893 | 192.6E6  | 78641728 | 346.288  | 496.926 # |
| 26)                         | Chlordane-4     | 5.916  | 4.958 | 186.8E6  | 77605840 | 270.027  | 454.213 # |
| 27)                         | Chlordane-5     | 0.000  | 5.630 | 0        | 179530   | N.D.     | 3.814 #   |
| -----                       |                 |        |       |          |          |          |           |

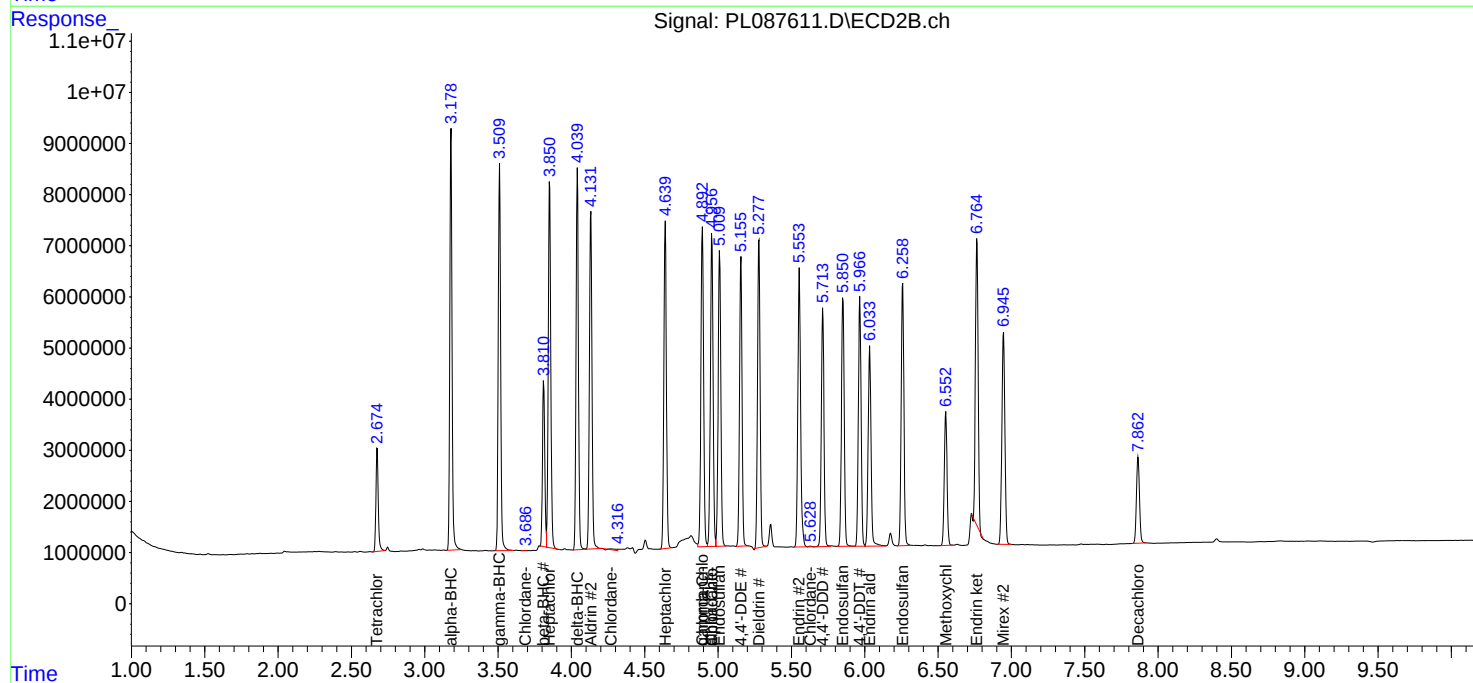
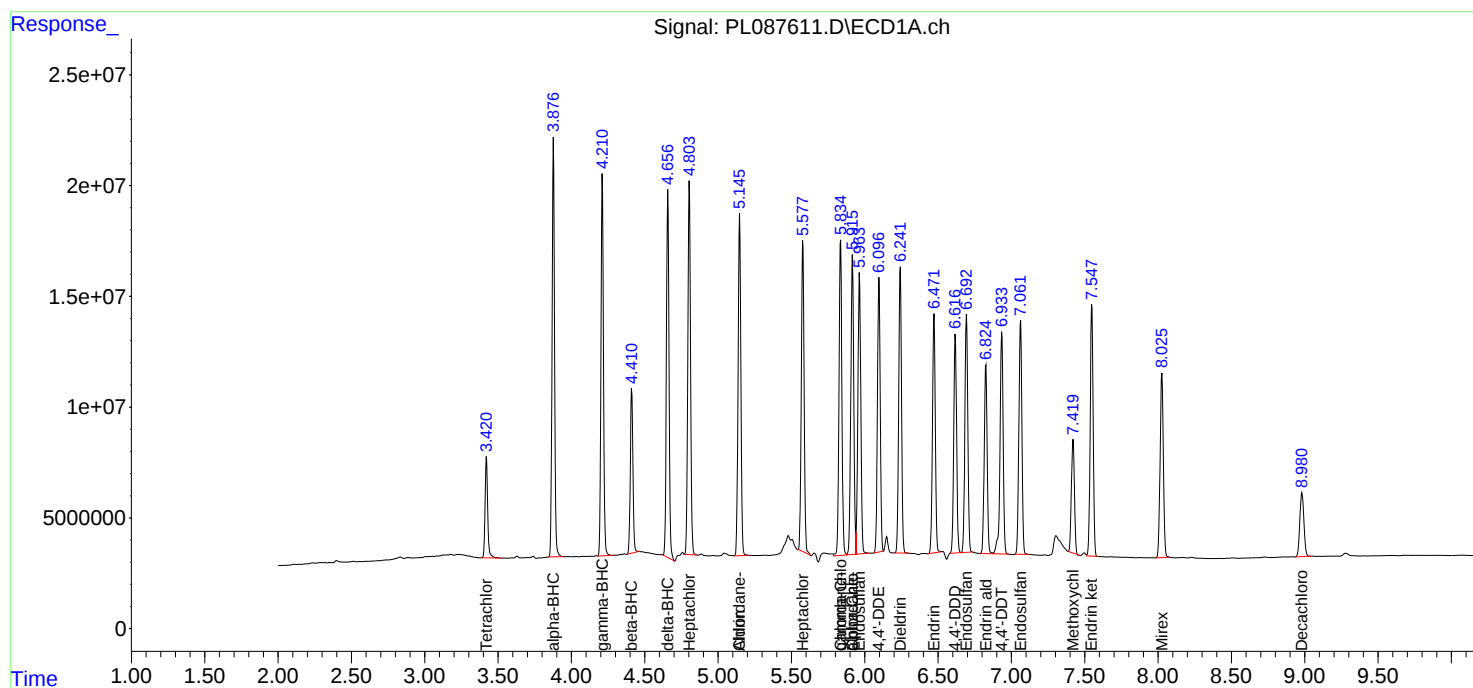
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

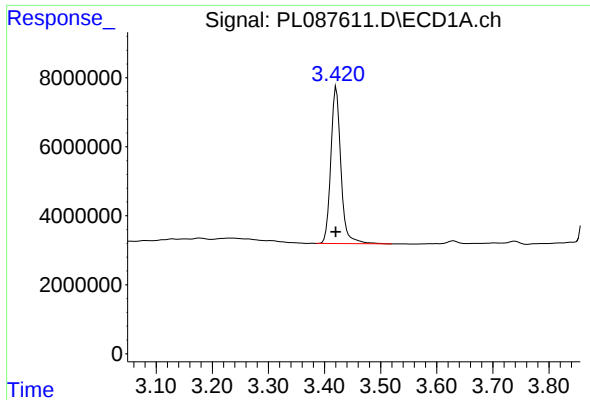
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010324\  
Data File : PL087611.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jan 2024 10:27  
Operator : AR\AJ  
Sample : PB158173BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 03 21:36:27 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 29 03:17:47 2023  
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

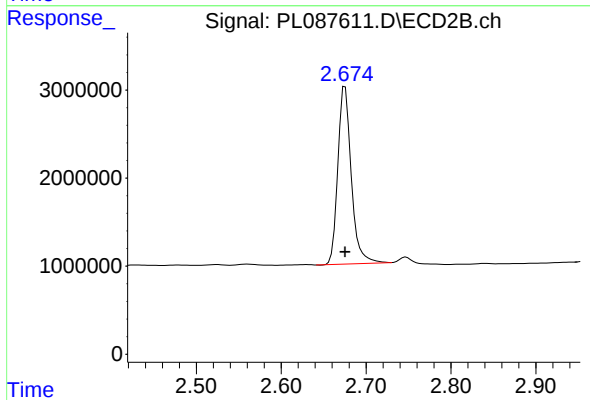




#1 Tetrachloro-m-xylene

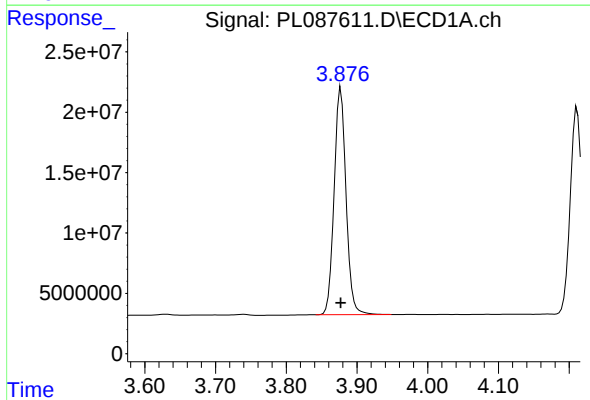
R.T.: 3.421 min  
Delta R.T.: 0.001 min  
Response: 56648943  
Conc: 18.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



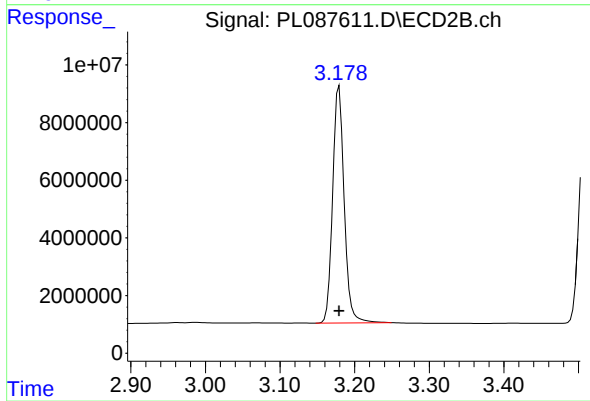
#1 Tetrachloro-m-xylene

R.T.: 2.675 min  
Delta R.T.: 0.000 min  
Response: 22172437  
Conc: 18.30 ng/ml



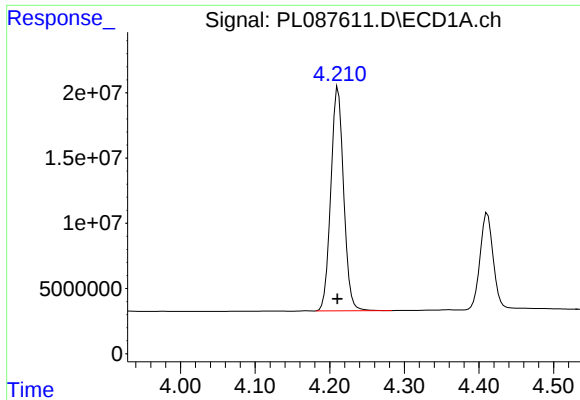
#2 alpha-BHC

R.T.: 3.877 min  
Delta R.T.: 0.000 min  
Response: 219831540  
Conc: 48.99 ng/ml



#2 alpha-BHC

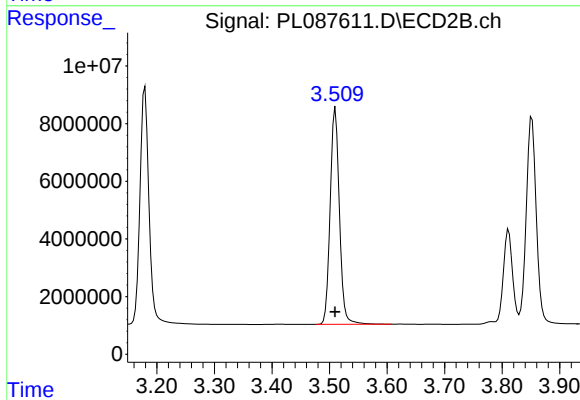
R.T.: 3.179 min  
Delta R.T.: 0.000 min  
Response: 88534739  
Conc: 48.04 ng/ml



#3 gamma-BHC (Lindane)

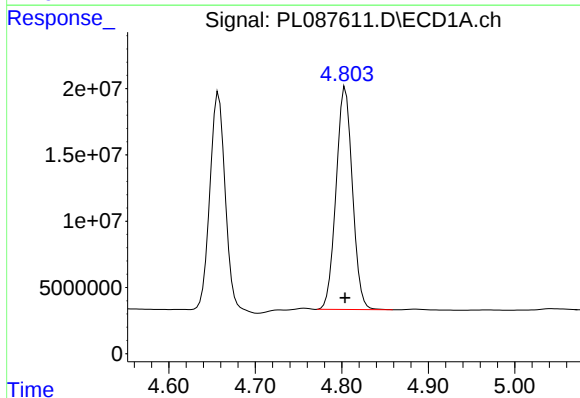
R.T.: 4.211 min  
Delta R.T.: 0.000 min  
Response: 205090909  
Conc: 47.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



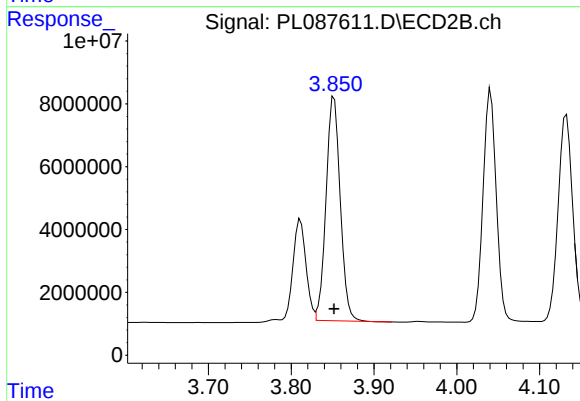
#3 gamma-BHC (Lindane)

R.T.: 3.510 min  
Delta R.T.: 0.000 min  
Response: 83743621  
Conc: 46.08 ng/ml



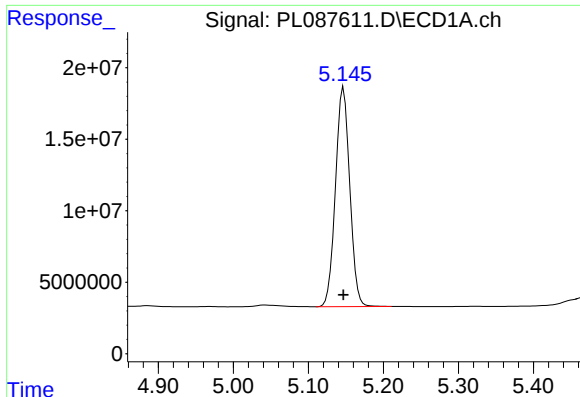
#4 Heptachlor

R.T.: 4.804 min  
Delta R.T.: 0.000 min  
Response: 218926878  
Conc: 49.82 ng/ml



#4 Heptachlor

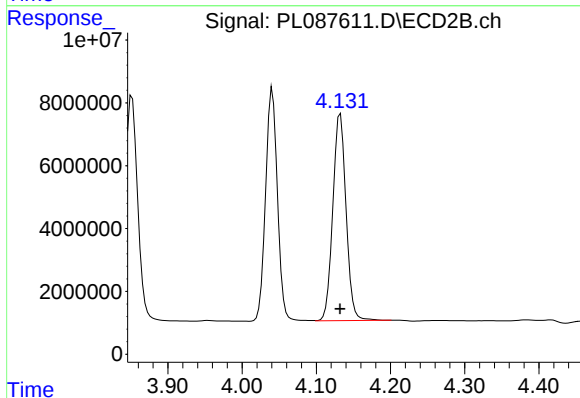
R.T.: 3.852 min  
Delta R.T.: 0.000 min  
Response: 85033356  
Conc: 47.74 ng/ml



#5 Aldrin

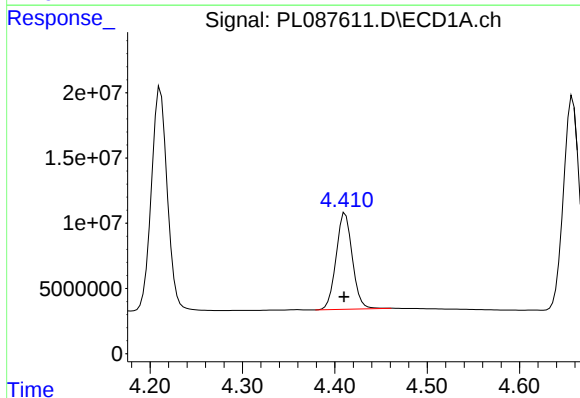
R.T.: 5.147 min  
Delta R.T.: 0.000 min  
Response: 203364401  
Conc: 47.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



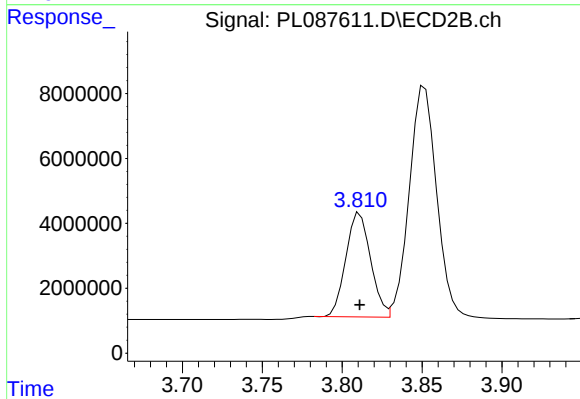
#5 Aldrin

R.T.: 4.132 min  
Delta R.T.: 0.000 min  
Response: 81809376  
Conc: 46.35 ng/ml



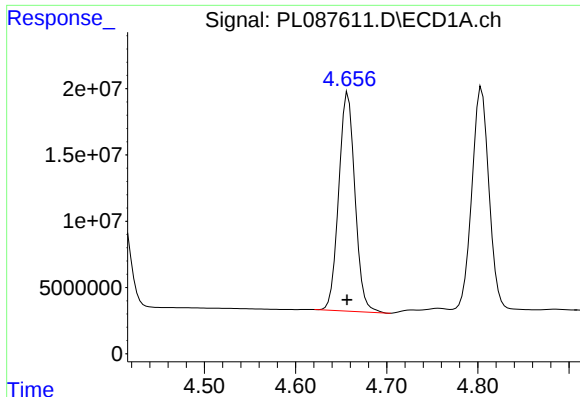
#6 beta-BHC

R.T.: 4.411 min  
Delta R.T.: 0.001 min  
Response: 90133654  
Conc: 48.45 ng/ml



#6 beta-BHC

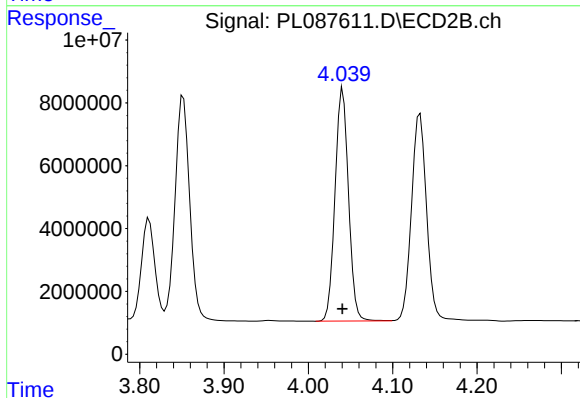
R.T.: 3.811 min  
Delta R.T.: 0.000 min  
Response: 34634934  
Conc: 45.28 ng/ml



#7 delta-BHC

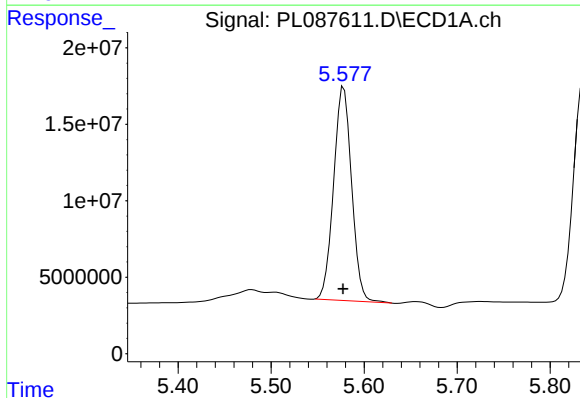
R.T.: 4.658 min  
Delta R.T.: 0.001 min  
Response: 204559108  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



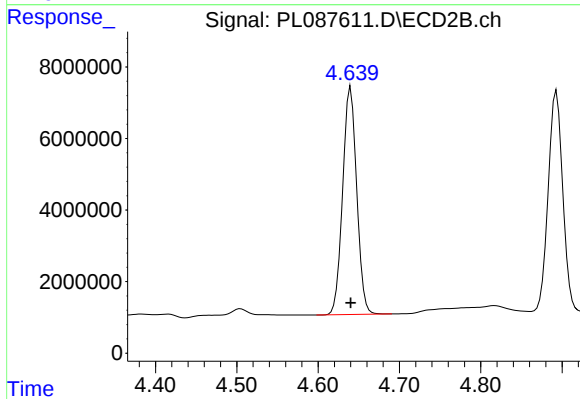
#7 delta-BHC

R.T.: 4.041 min  
Delta R.T.: 0.000 min  
Response: 82124624  
Conc: 47.31 ng/ml



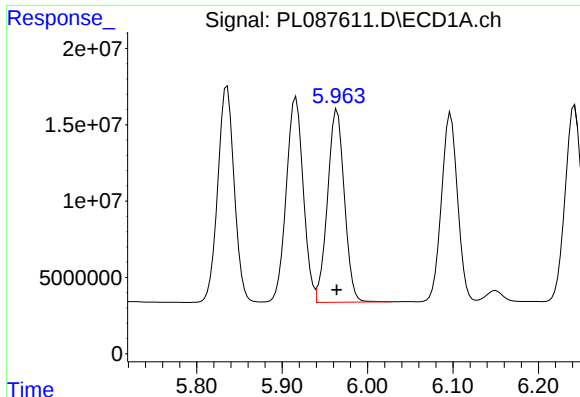
#8 Heptachlor epoxide

R.T.: 5.578 min  
Delta R.T.: 0.001 min  
Response: 187713532  
Conc: 49.00 ng/ml



#8 Heptachlor epoxide

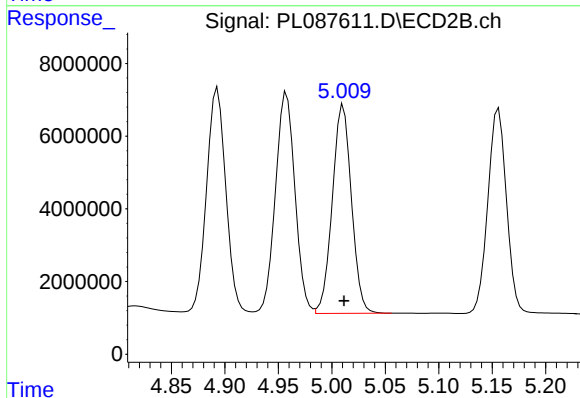
R.T.: 4.640 min  
Delta R.T.: 0.000 min  
Response: 76133942  
Conc: 47.77 ng/ml



#9 Endosulfan I

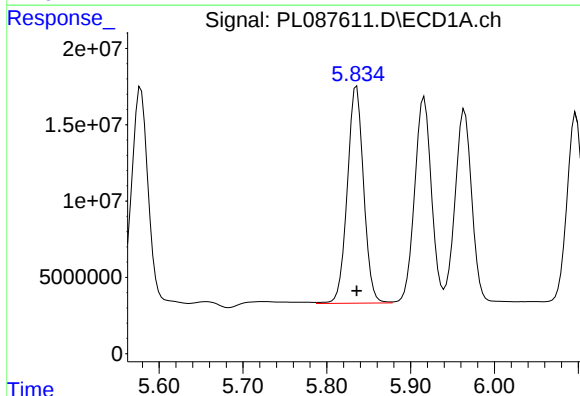
R.T.: 5.964 min  
Delta R.T.: 0.000 min  
Response: 173686767  
Conc: 48.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



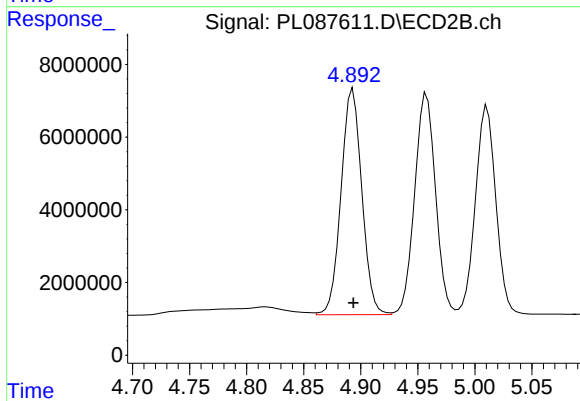
#9 Endosulfan I

R.T.: 5.011 min  
Delta R.T.: 0.000 min  
Response: 71476911  
Conc: 46.20 ng/ml



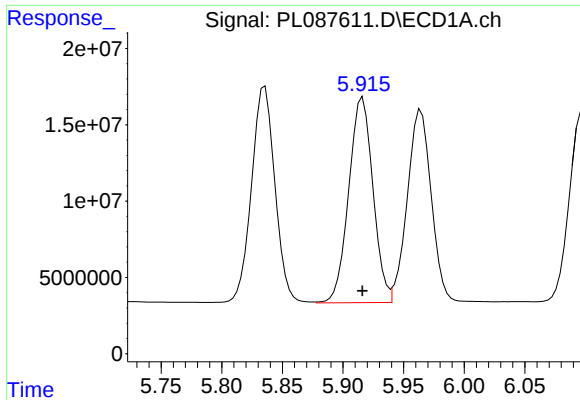
#10 gamma-Chlordane

R.T.: 5.836 min  
Delta R.T.: 0.000 min  
Response: 192628012  
Conc: 49.83 ng/ml



#10 gamma-Chlordane

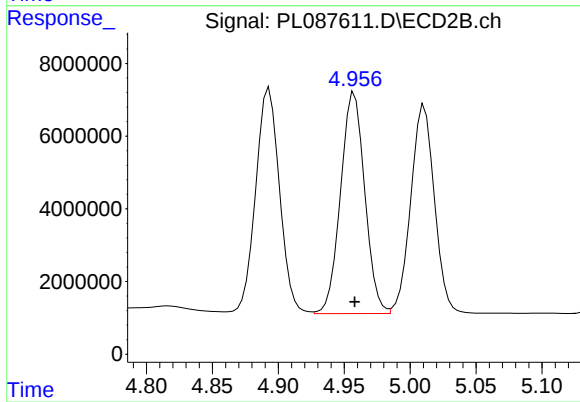
R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 78641728  
Conc: 48.72 ng/ml



#11 alpha-Chlordane

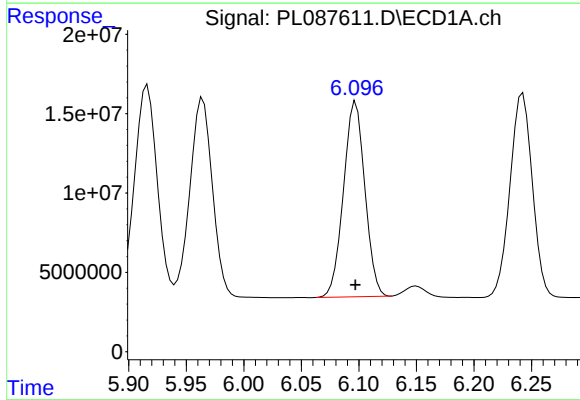
R.T.: 5.916 min  
Delta R.T.: 0.000 min  
Response: 186782417  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



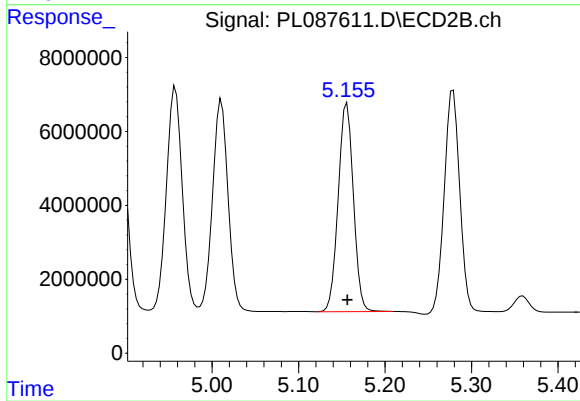
#11 alpha-Chlordane

R.T.: 4.958 min  
Delta R.T.: 0.000 min  
Response: 77605840  
Conc: 46.76 ng/ml



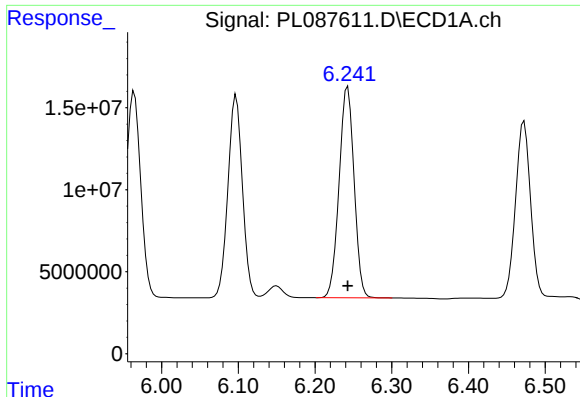
#12 4,4'-DDE

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 159968620  
Conc: 50.03 ng/ml



#12 4,4'-DDE

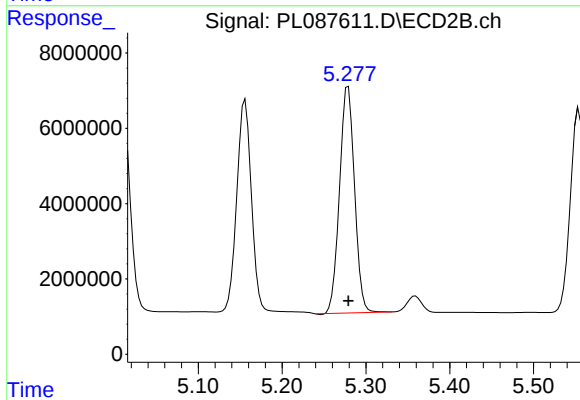
R.T.: 5.156 min  
Delta R.T.: 0.000 min  
Response: 68358042  
Conc: 50.82 ng/ml



#13 Dieldrin

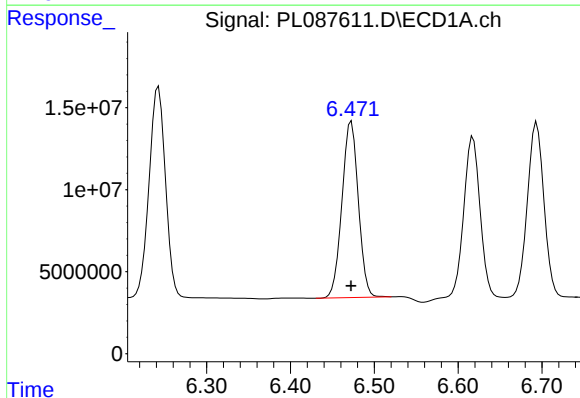
R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 174741584  
Conc: 46.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



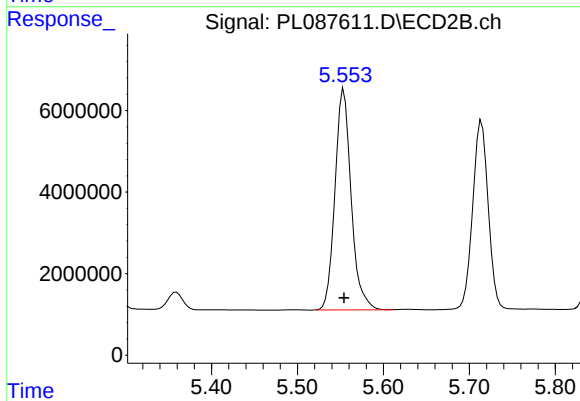
#13 Dieldrin

R.T.: 5.279 min  
Delta R.T.: 0.000 min  
Response: 74743082  
Conc: 47.03 ng/ml



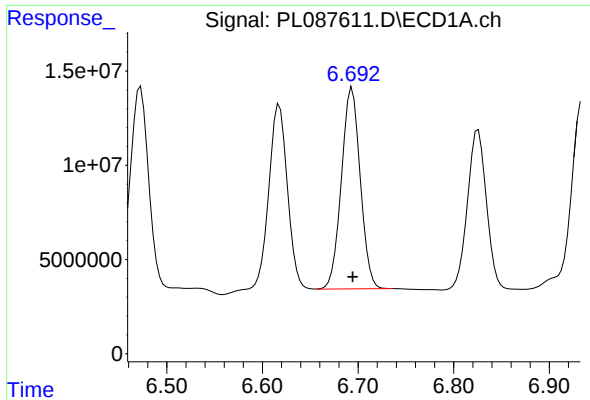
#14 Endrin

R.T.: 6.473 min  
Delta R.T.: 0.000 min  
Response: 146224979  
Conc: 46.56 ng/ml



#14 Endrin

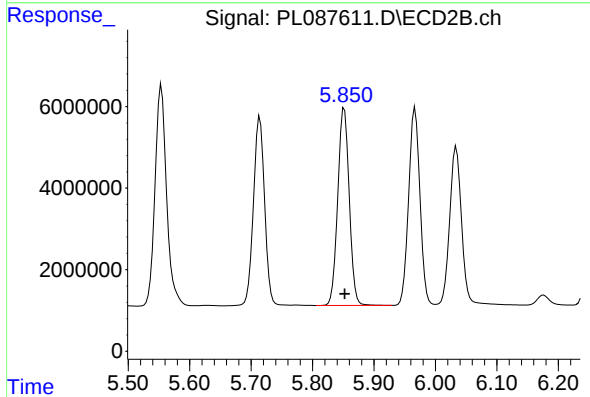
R.T.: 5.554 min  
Delta R.T.: 0.000 min  
Response: 70831029  
Conc: 49.95 ng/ml



#15 Endosulfan II

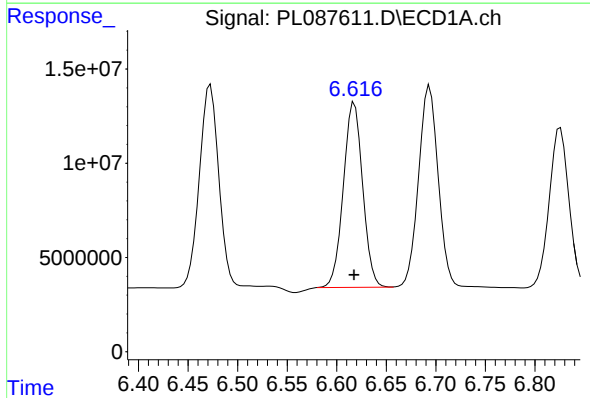
R.T.: 6.694 min  
Delta R.T.: 0.000 min  
Response: 146634915  
Conc: 45.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



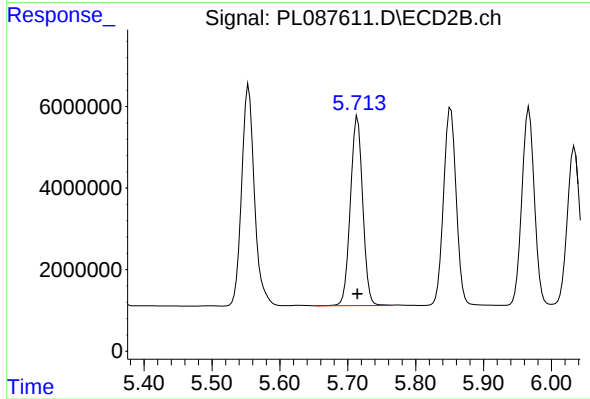
#15 Endosulfan II

R.T.: 5.852 min  
Delta R.T.: 0.000 min  
Response: 62994911  
Conc: 46.02 ng/ml



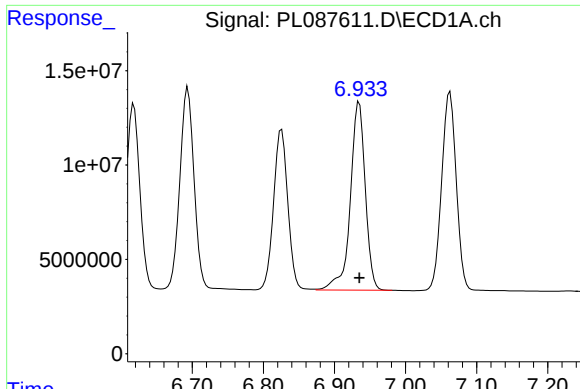
#16 4,4'-DDD

R.T.: 6.618 min  
Delta R.T.: 0.000 min  
Response: 133102233  
Conc: 51.62 ng/ml



#16 4,4'-DDD

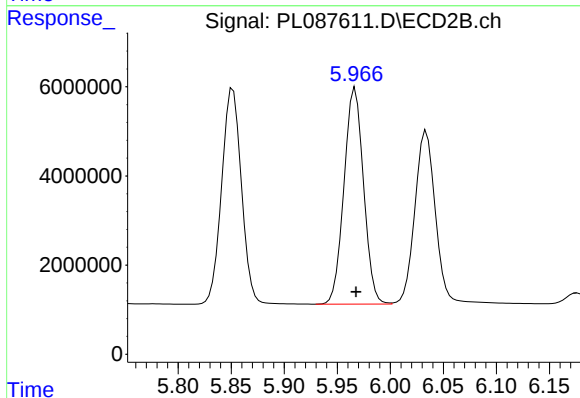
R.T.: 5.714 min  
Delta R.T.: 0.000 min  
Response: 58497864  
Conc: 51.88 ng/ml



#17 4,4'-DDT

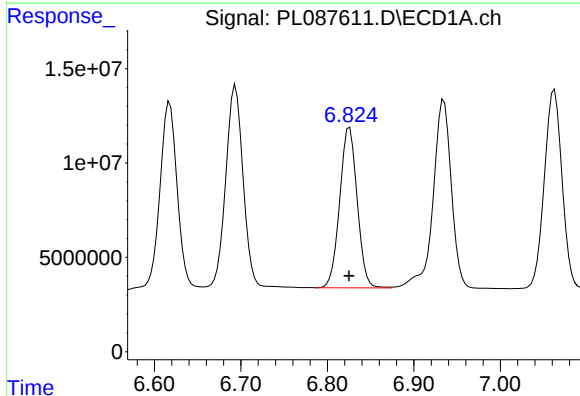
R.T.: 6.935 min  
Delta R.T.: 0.000 min  
Response: 145986315  
Conc: 51.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



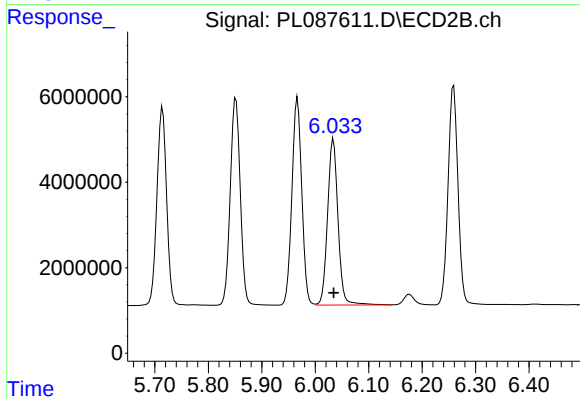
#17 4,4'-DDT

R.T.: 5.967 min  
Delta R.T.: 0.000 min  
Response: 62085232  
Conc: 49.88 ng/ml



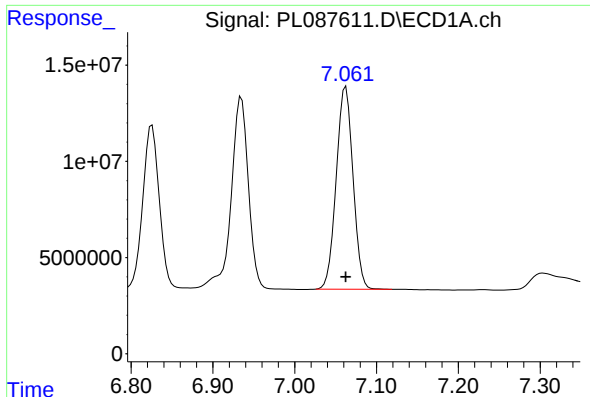
#18 Endrin aldehyde

R.T.: 6.826 min  
Delta R.T.: 0.000 min  
Response: 118547082  
Conc: 47.13 ng/ml



#18 Endrin aldehyde

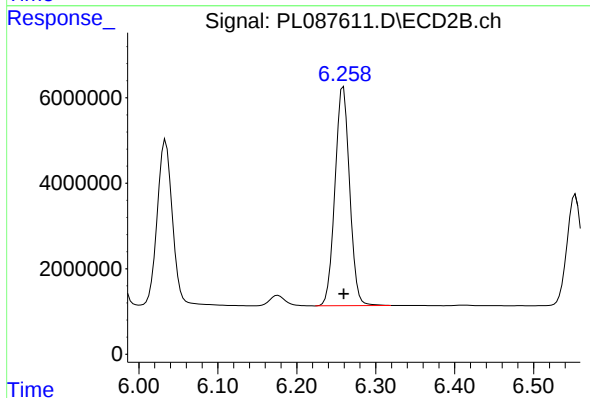
R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 52898814  
Conc: 45.52 ng/ml



#19 Endosulfan Sulfate

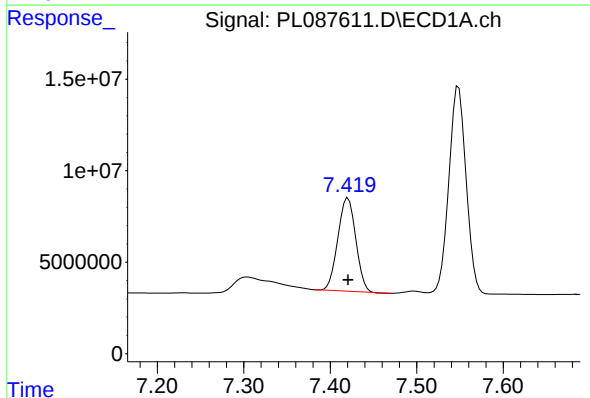
R.T.: 7.063 min  
Delta R.T.: 0.000 min  
Response: 149829390  
Conc: 48.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



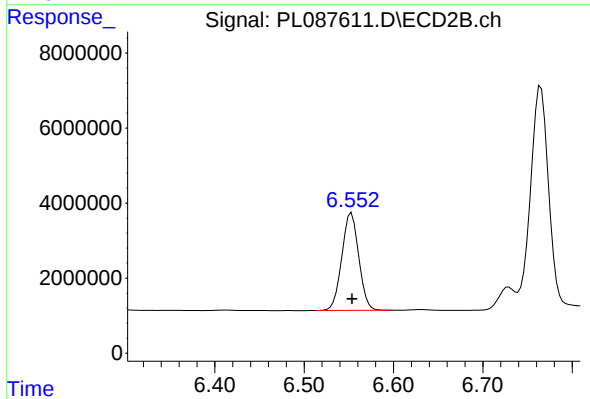
#19 Endosulfan Sulfate

R.T.: 6.259 min  
Delta R.T.: 0.000 min  
Response: 66014426  
Conc: 50.29 ng/ml



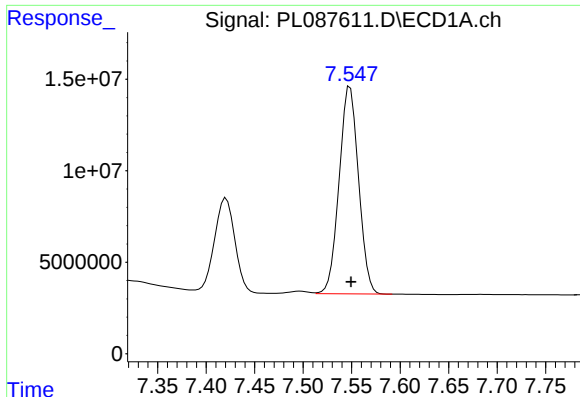
#20 Methoxychlor

R.T.: 7.421 min  
Delta R.T.: 0.000 min  
Response: 72989909  
Conc: 44.96 ng/ml



#20 Methoxychlor

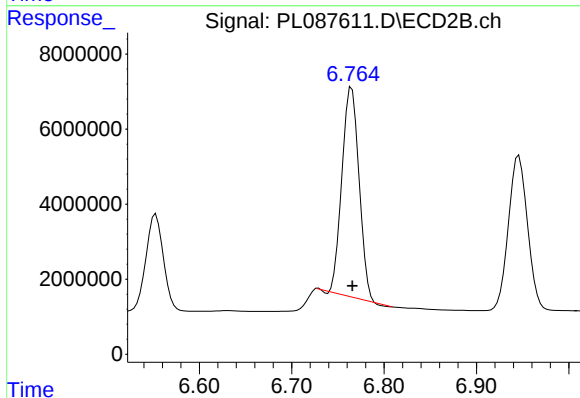
R.T.: 6.553 min  
Delta R.T.: 0.000 min  
Response: 34244124  
Conc: 46.52 ng/ml



#21 Endrin ketone

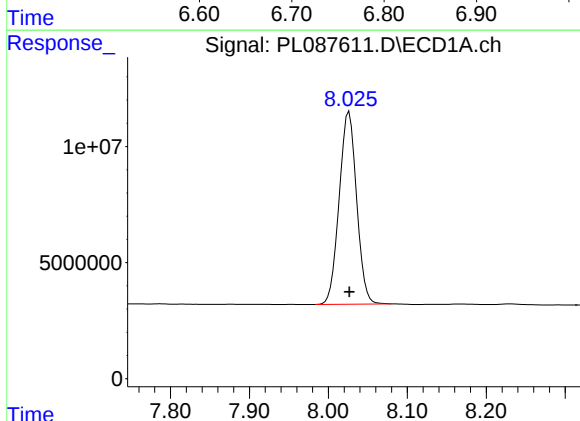
R.T.: 7.548 min  
Delta R.T.: 0.000 min  
Response: 157732807  
Conc: 48.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



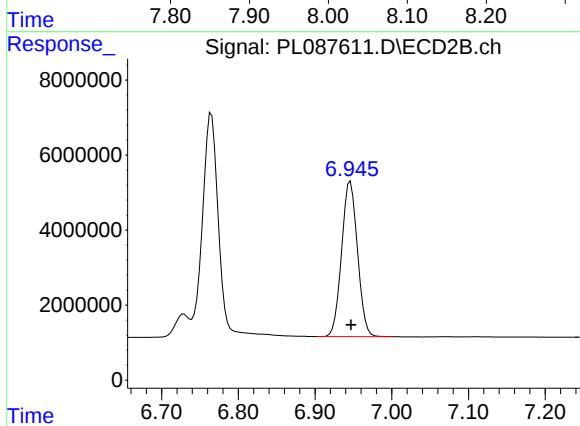
#21 Endrin ketone

R.T.: 6.765 min  
Delta R.T.: 0.000 min  
Response: 71255507  
Conc: 46.48 ng/ml



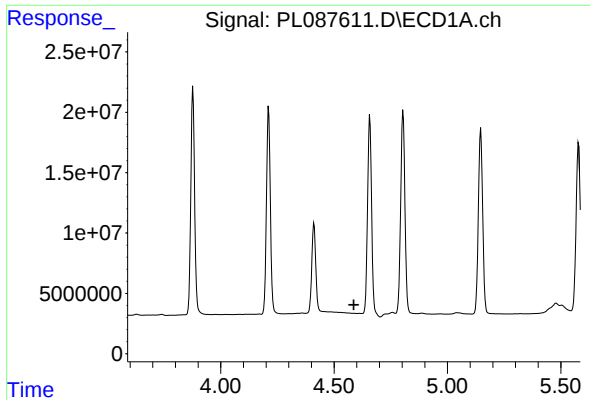
#22 Mirex

R.T.: 8.026 min  
Delta R.T.: 0.000 min  
Response: 127382489  
Conc: 45.43 ng/ml



#22 Mirex

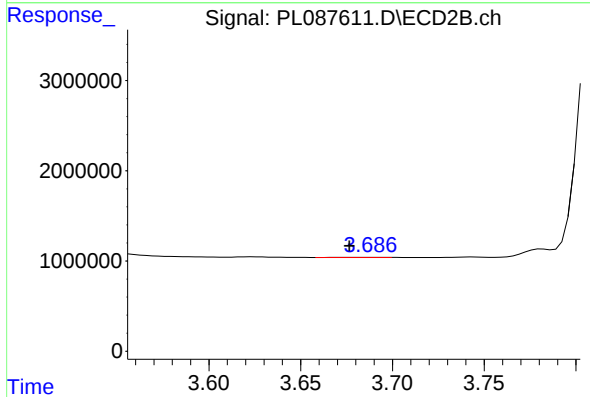
R.T.: 6.946 min  
Delta R.T.: 0.000 min  
Response: 59606054  
Conc: 44.44 ng/ml



#23 Chlordane-1

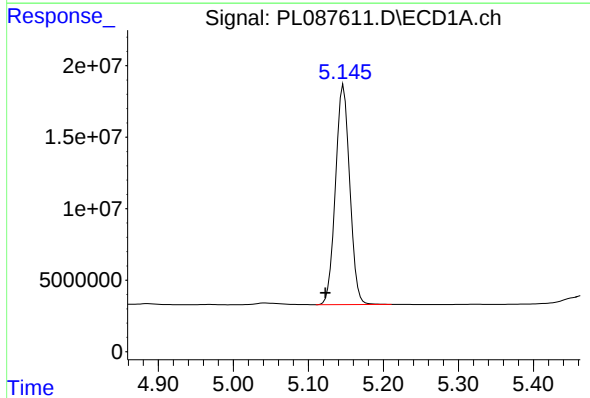
R.T.: 0.000 min  
Exp R.T.: 4.587 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



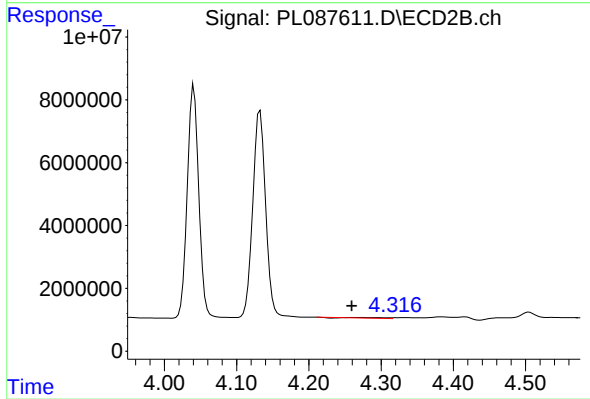
#23 Chlordane-1

R.T.: 3.688 min  
Delta R.T.: 0.012 min  
Response: 32512  
Conc: 0.70 ng/ml



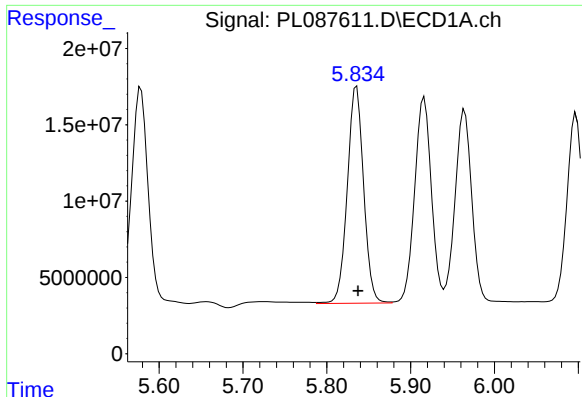
#24 Chlordane-2

R.T.: 5.147 min  
Delta R.T.: 0.024 min  
Response: 203364401  
Conc: 1379.04 ng/ml



#24 Chlordane-2

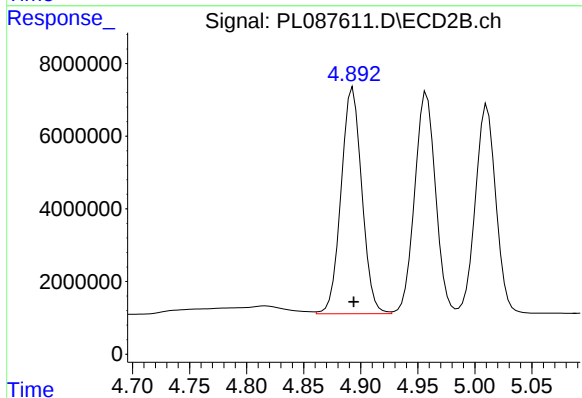
R.T.: 4.270 min  
Delta R.T.: 0.010 min  
Response: 505321  
Conc: 9.03 ng/ml



#25 Chlordane-3

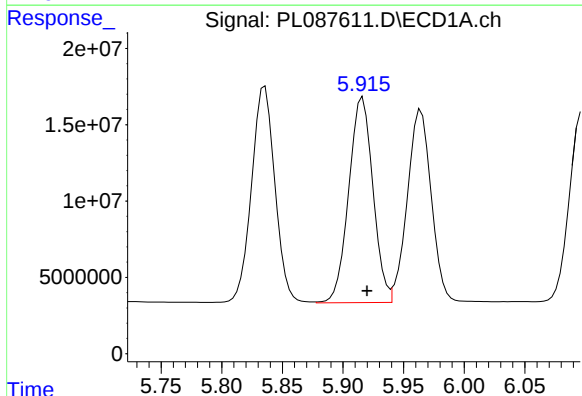
R.T.: 5.836 min  
Delta R.T.: -0.002 min  
Response: 192628012  
Conc: 346.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



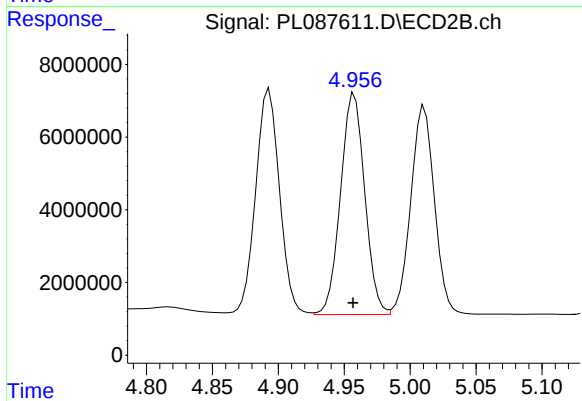
#25 Chlordane-3

R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 78641728  
Conc: 496.93 ng/ml



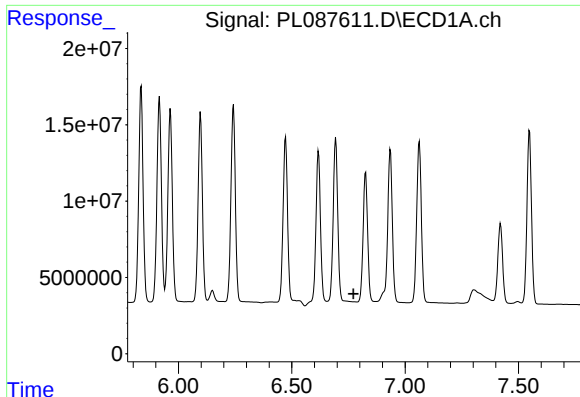
#26 Chlordane-4

R.T.: 5.916 min  
Delta R.T.: -0.004 min  
Response: 186782417  
Conc: 270.03 ng/ml



#26 Chlordane-4

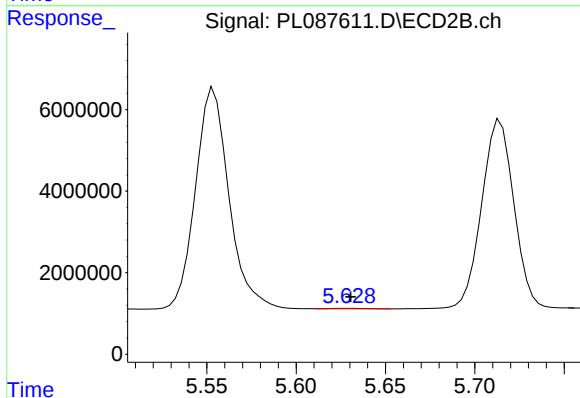
R.T.: 4.958 min  
Delta R.T.: 0.001 min  
Response: 77605840  
Conc: 454.21 ng/ml



#27 Chlordane-5

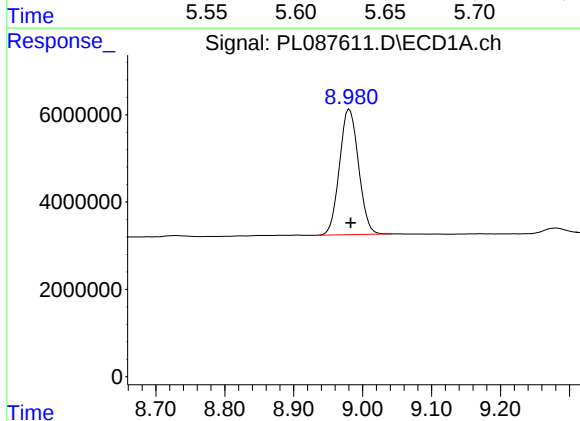
R.T.: 0.000 min  
Exp R.T.: 6.773 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



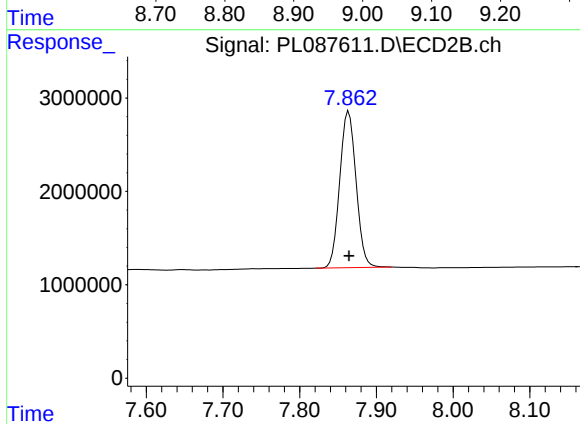
#27 Chlordane-5

R.T.: 5.630 min  
Delta R.T.: -0.001 min  
Response: 179530  
Conc: 3.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: -0.002 min  
Response: 55318268  
Conc: 19.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: 0.000 min  
Response: 24788377  
Conc: 19.57 ng/ml