

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092225\  
 Data File : PL097318.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Sep 2025 12:31  
 Operator : AR\AJ  
 Sample : PB169749BS  
 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: Sep 23 01:46:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092025.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 19 05:40:25 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 x0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|---------|----------|------------|
| -----                       |                 |        |       |          |         |          |            |
| System Monitoring Compounds |                 |        |       |          |         |          |            |
| 1)                          | SA Tetrachlo... | 3.526  | 2.819 | 97581000 | 147.9E6 | 21.555   | 22.485     |
| 28)                         | SA Decachlor... | 9.002  | 7.983 | 77453203 | 120.4E6 | 23.670   | 21.147     |
| Target Compounds            |                 |        |       |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.973  | 3.325 | 315.9E6  | 461.8E6 | 45.216   | 46.377     |
| 3)                          | MA gamma-BHC... | 4.301  | 3.657 | 299.6E6  | 426.8E6 | 45.303   | 45.818     |
| 4)                          | MA Heptachlor   | 4.893  | 4.005 | 296.7E6  | 411.1E6 | 44.488   | 44.179     |
| 5)                          | MB Aldrin       | 5.232  | 4.287 | 284.7E6  | 396.6E6 | 44.941   | 45.693     |
| 6)                          | B beta-BHC      | 4.489  | 3.953 | 120.0E6  | 175.6E6 | 44.021   | 43.220     |
| 7)                          | B delta-BHC     | 0.000  | 4.186 | 0        | 413.2E6 | N.D.     | 44.947 #   |
| 8)                          | B Heptachlo...  | 5.652  | 4.790 | 259.5E6  | 358.1E6 | 45.159   | 45.148     |
| 9)                          | A Endosulfan I  | 6.034  | 5.160 | 239.4E6  | 336.7E6 | 46.214   | 43.824     |
| 10)                         | B gamma-Chl...  | 5.906  | 5.042 | 261.8E6  | 380.3E6 | 46.315   | 43.542     |
| 11)                         | B alpha-Chl...  | 5.986  | 5.106 | 259.4E6  | 371.3E6 | 45.664   | 44.732     |
| 12)                         | B 4,4'-DDE      | 6.157  | 5.295 | 229.4E6  | 352.4E6 | 48.141   | 45.857     |
| 13)                         | MA Dieldrin     | 6.307  | 5.425 | 248.3E6  | 370.2E6 | 45.287   | 45.272     |
| 14)                         | MA Endrin       | 6.533  | 5.700 | 197.6E6  | 306.4E6 | 42.824   | 40.800     |
| 15)                         | B Endosulfa...  | 6.747  | 5.992 | 209.3E6  | 317.0E6 | 42.558   | 44.593     |
| 16)                         | A 4,4'-DDD      | 6.666  | 5.847 | 186.7E6  | 298.1E6 | 49.520   | 46.224     |
| 17)                         | MA 4,4'-DDT     | 6.981  | 6.100 | 181.9E6  | 291.8E6 | 43.042   | 42.158     |
| 18)                         | B Endrin al...  | 6.875  | 6.170 | 150.7E6  | 235.8E6 | 48.881   | 44.172     |
| 19)                         | B Endosulfa...  | 7.109  | 6.394 | 186.0E6  | 298.1E6 | 45.561   | 43.517     |
| 20)                         | A Methoxychlor  | 7.454  | 6.672 | 87394292 | 146.4E6 | 41.908   | 38.830     |
| 21)                         | B Endrin ke...  | 7.589  | 6.898 | 201.2E6  | 332.5E6 | 47.414   | 44.159     |
| 22)                         | Mirex           | 8.066  | 7.088 | 154.0E6  | 249.1E6 | 43.388   | 41.663     |
| 24)                         | Chlordane-2     | 5.232f | 0.000 | 284.7E6  | 0       | 1282.365 | N.D. #     |
| 25)                         | Chlordane-3     | 5.906  | 5.042 | 261.8E6  | 380.3E6 | 321.024  | 425.276 #  |
| 26)                         | Chlordane-4     | 5.986  | 5.106 | 259.4E6  | 371.3E6 | 259.306  | 487.554 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.992 | 0        | 317.0E6 | N.D.     | 1063.326 # |
| -----                       |                 |        |       |          |         |          |            |

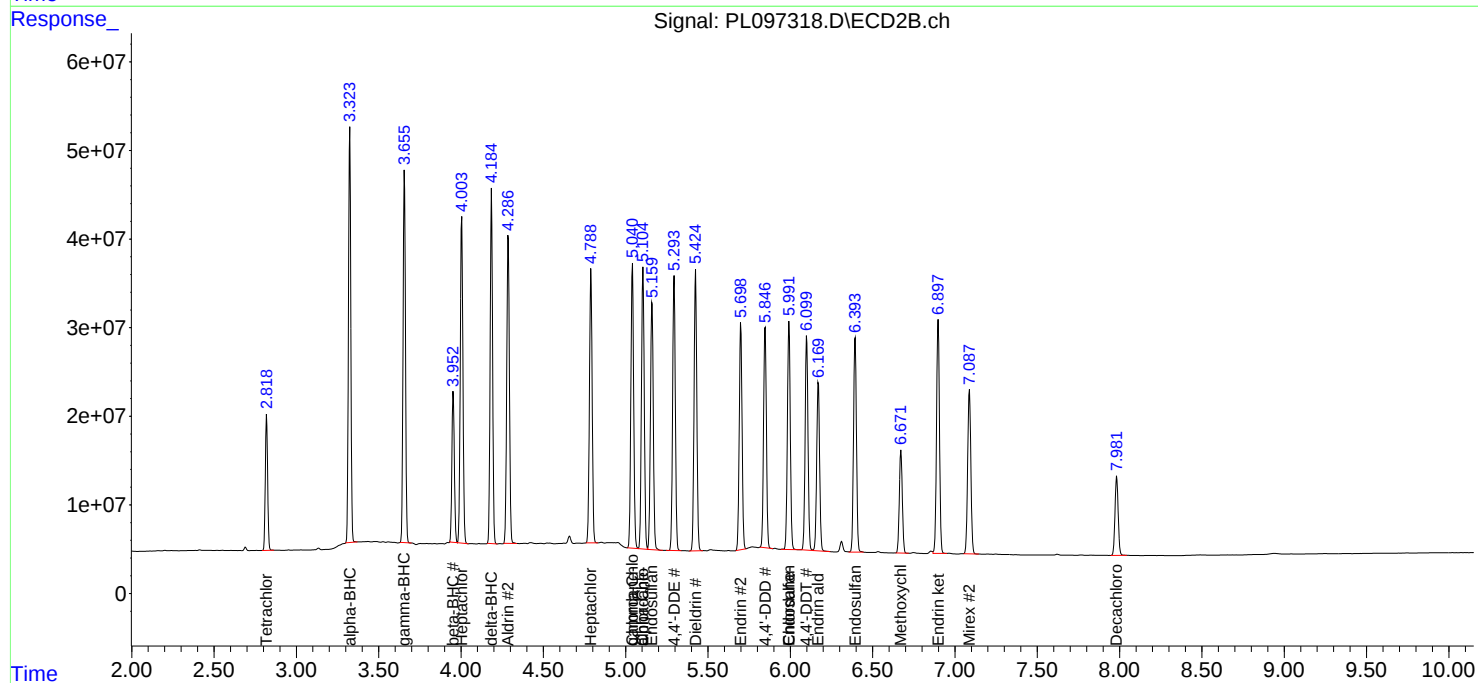
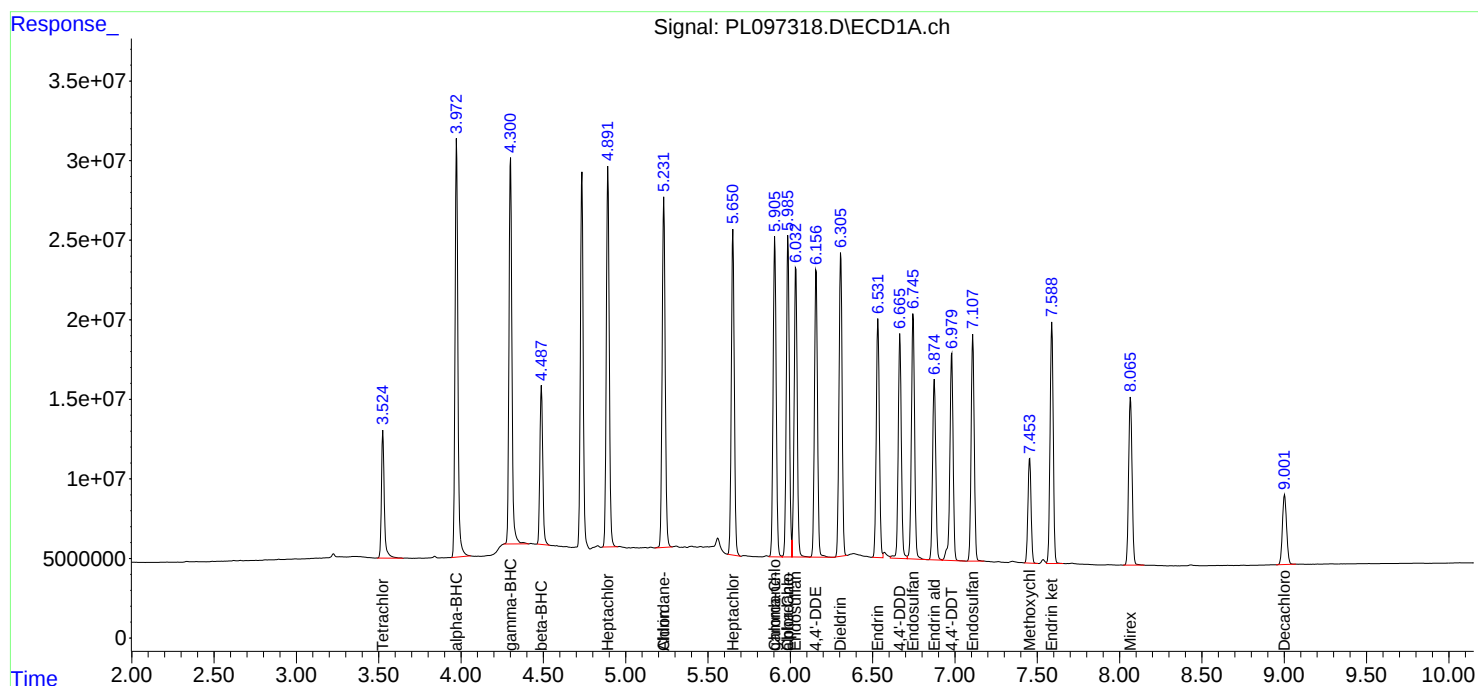
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

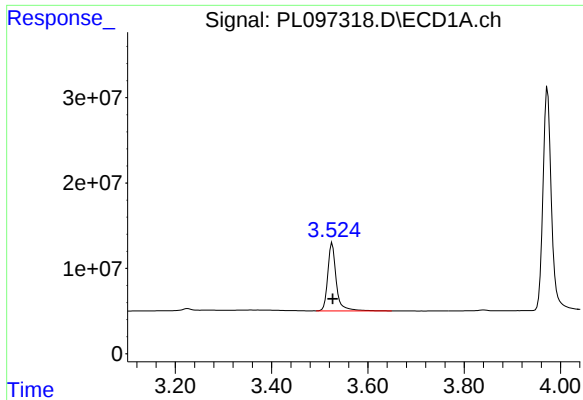
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092225\  
Data File : PL097318.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Sep 2025 12:31  
Operator : AR\AJ  
Sample : PB169749BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 01:46:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092025.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 19 05:40:25 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 x0.25µm

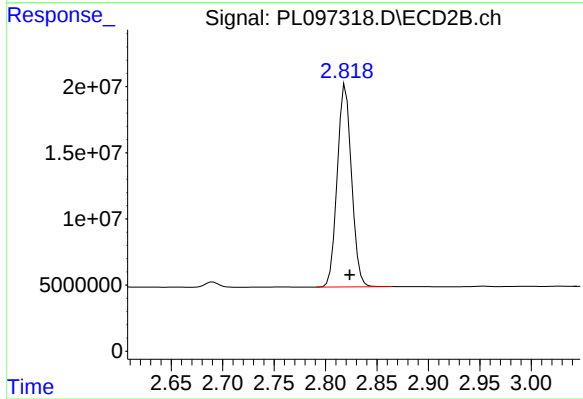




#1 Tetrachloro-m-xylene

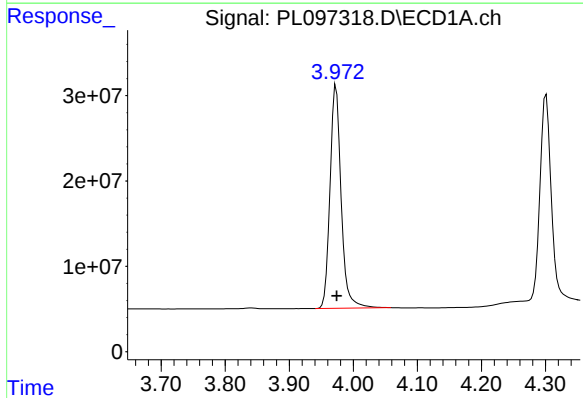
R.T.: 3.526 min  
Delta R.T.: -0.001 min  
Response: 97581000  
Conc: 21.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



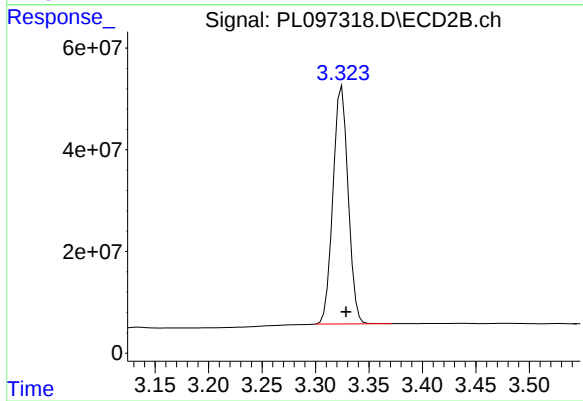
#1 Tetrachloro-m-xylene

R.T.: 2.819 min  
Delta R.T.: -0.004 min  
Response: 147854469  
Conc: 22.49 ng/ml



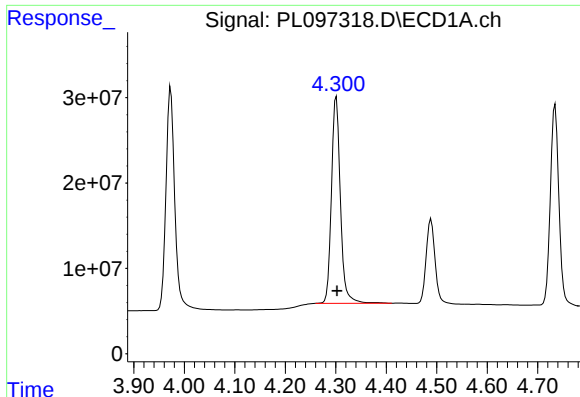
#2 alpha-BHC

R.T.: 3.973 min  
Delta R.T.: -0.001 min  
Response: 315940704  
Conc: 45.22 ng/ml



#2 alpha-BHC

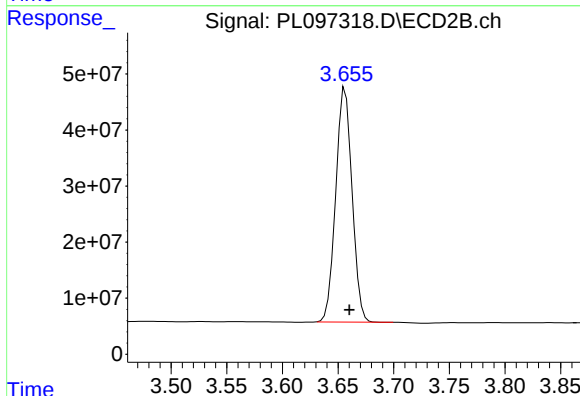
R.T.: 3.325 min  
Delta R.T.: -0.004 min  
Response: 461807313  
Conc: 46.38 ng/ml



#3 gamma-BHC (Lindane)

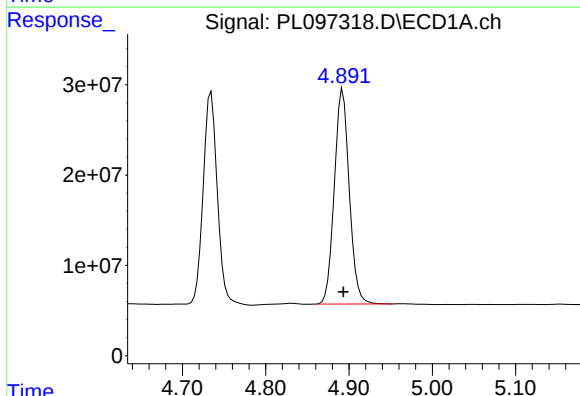
R.T.: 4.301 min  
Delta R.T.: -0.001 min  
Response: 299596598  
Conc: 45.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



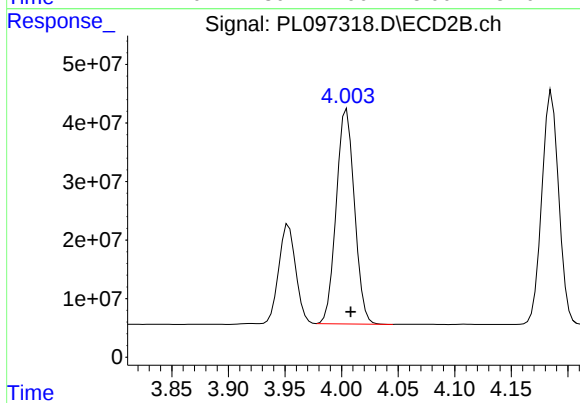
#3 gamma-BHC (Lindane)

R.T.: 3.657 min  
Delta R.T.: -0.004 min  
Response: 426777723  
Conc: 45.82 ng/ml



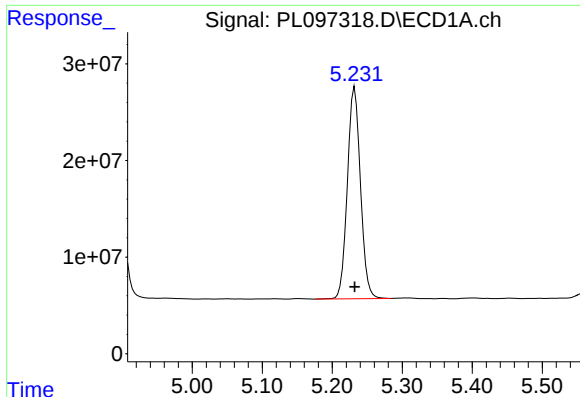
#4 Heptachlor

R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 296739263  
Conc: 44.49 ng/ml



#4 Heptachlor

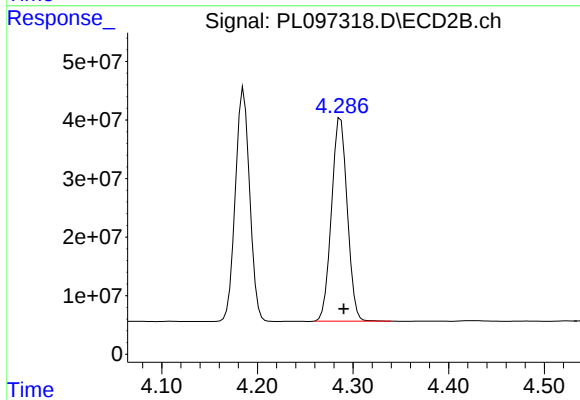
R.T.: 4.005 min  
Delta R.T.: -0.004 min  
Response: 411088905  
Conc: 44.18 ng/ml



#5 Aldrin

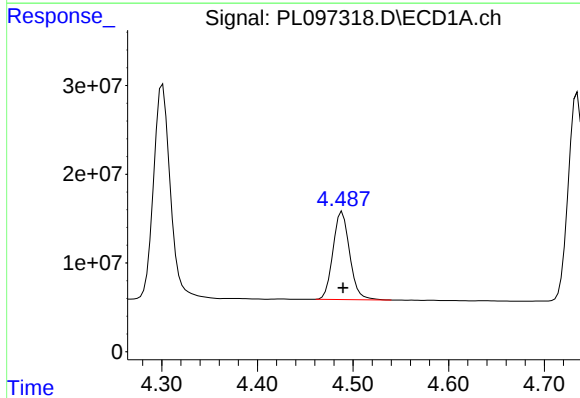
R.T.: 5.232 min  
Delta R.T.: 0.000 min  
Response: 284651189  
Conc: 44.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



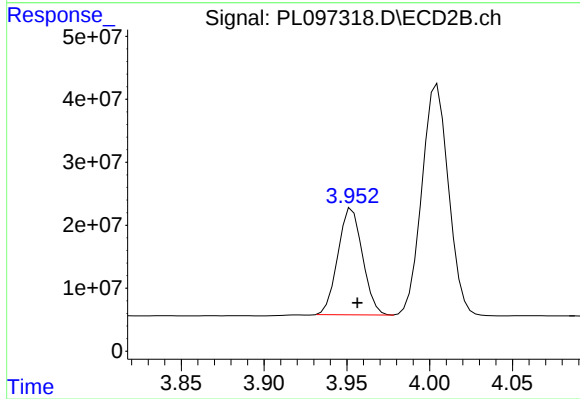
#5 Aldrin

R.T.: 4.287 min  
Delta R.T.: -0.003 min  
Response: 396586623  
Conc: 45.69 ng/ml



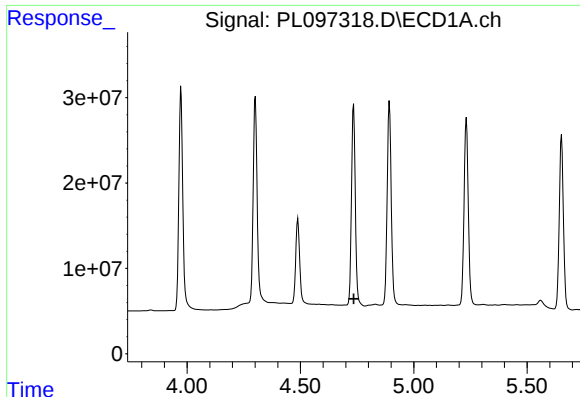
#6 beta-BHC

R.T.: 4.489 min  
Delta R.T.: 0.000 min  
Response: 120010047  
Conc: 44.02 ng/ml



#6 beta-BHC

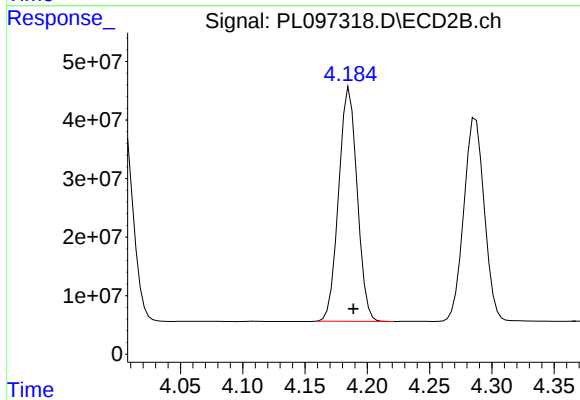
R.T.: 3.953 min  
Delta R.T.: -0.003 min  
Response: 175561044  
Conc: 43.22 ng/ml



#7 delta-BHC

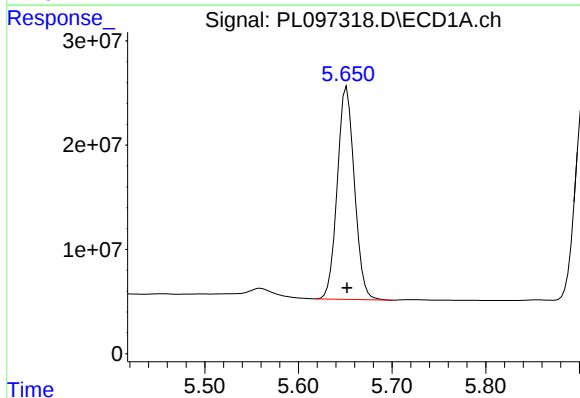
R.T.: 0.000 min  
Exp R.T.: 4.735 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



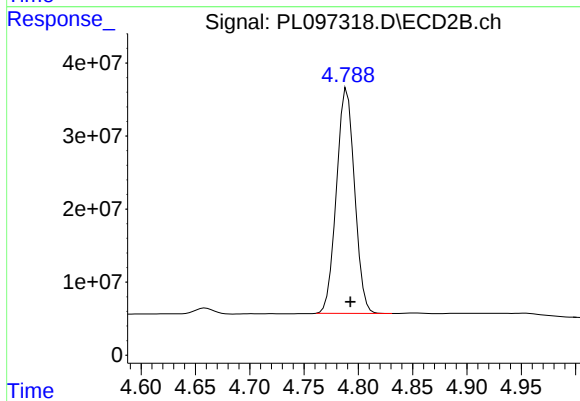
#7 delta-BHC

R.T.: 4.186 min  
Delta R.T.: -0.003 min  
Response: 413163346  
Conc: 44.95 ng/ml



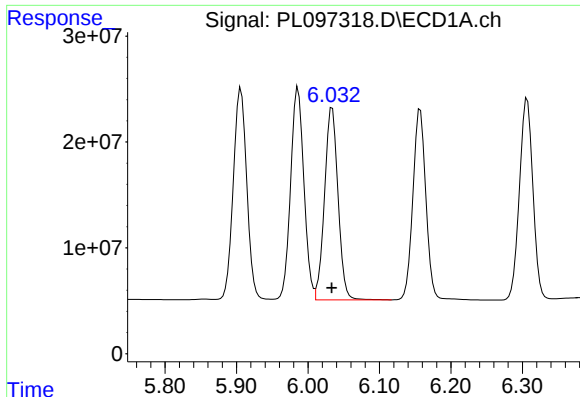
#8 Heptachlor epoxide

R.T.: 5.652 min  
Delta R.T.: 0.000 min  
Response: 259528541  
Conc: 45.16 ng/ml



#8 Heptachlor epoxide

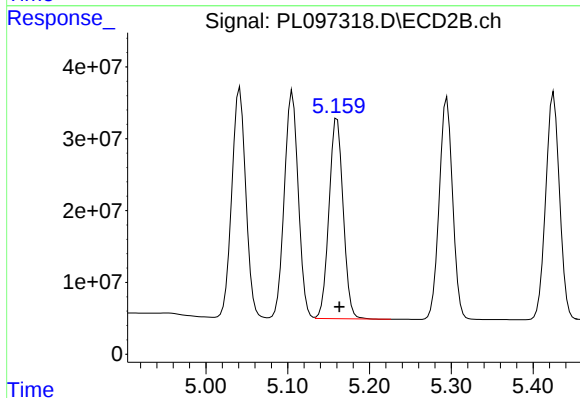
R.T.: 4.790 min  
Delta R.T.: -0.003 min  
Response: 358091714  
Conc: 45.15 ng/ml



#9 Endosulfan I

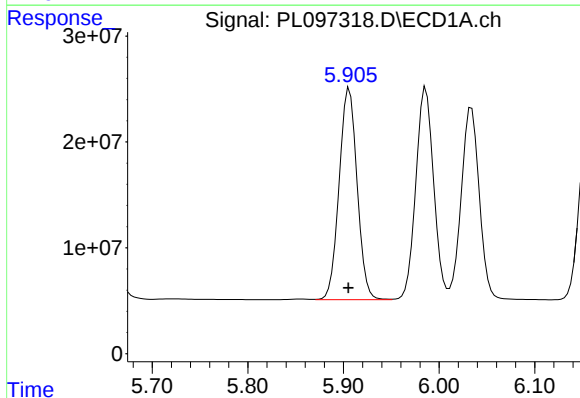
R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 239448073  
Conc: 46.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



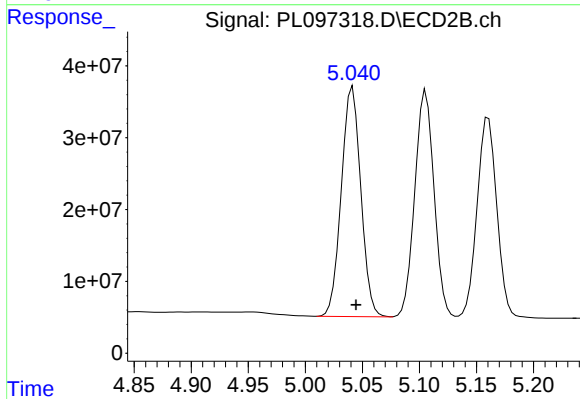
#9 Endosulfan I

R.T.: 5.160 min  
Delta R.T.: -0.003 min  
Response: 336726367  
Conc: 43.82 ng/ml



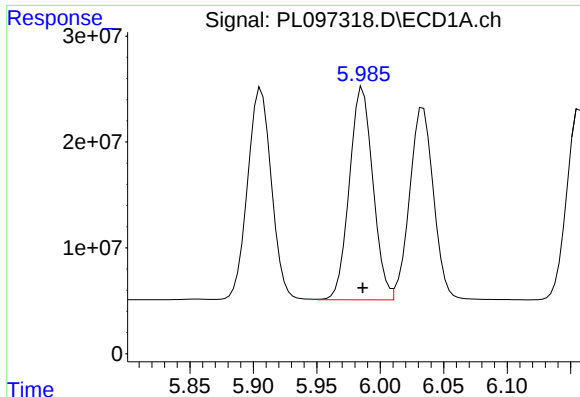
#10 gamma-Chlordane

R.T.: 5.906 min  
Delta R.T.: 0.000 min  
Response: 261840128  
Conc: 46.31 ng/ml



#10 gamma-Chlordane

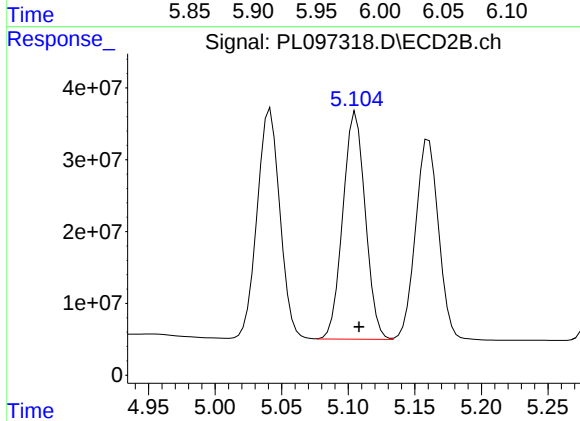
R.T.: 5.042 min  
Delta R.T.: -0.003 min  
Response: 380289207  
Conc: 43.54 ng/ml



#11 alpha-Chlordane

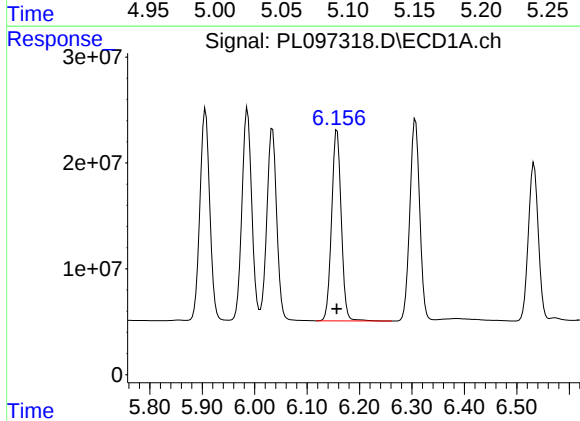
R.T.: 5.986 min  
Delta R.T.: 0.000 min  
Response: 259364518  
Conc: 45.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



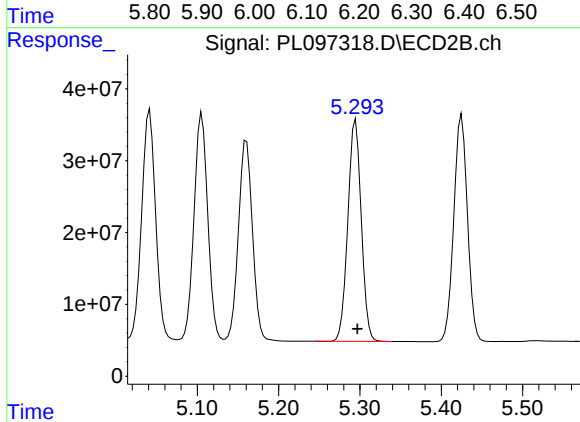
#11 alpha-Chlordane

R.T.: 5.106 min  
Delta R.T.: -0.002 min  
Response: 371294152  
Conc: 44.73 ng/ml



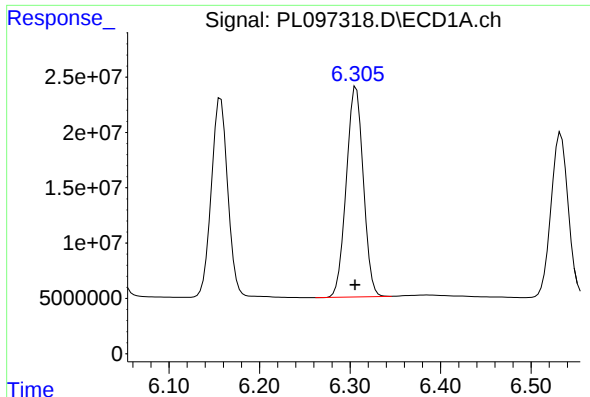
#12 4,4'-DDE

R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 229376935  
Conc: 48.14 ng/ml



#12 4,4'-DDE

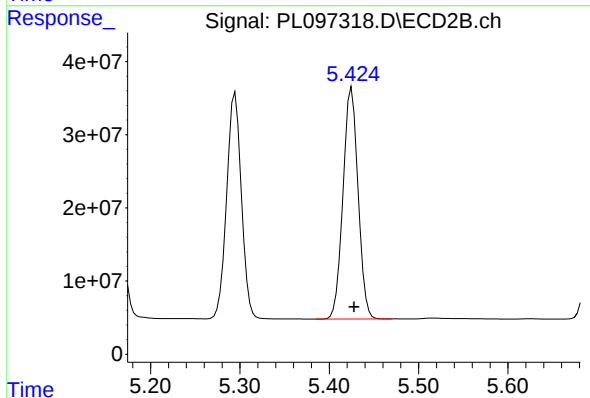
R.T.: 5.295 min  
Delta R.T.: -0.002 min  
Response: 352399769  
Conc: 45.86 ng/ml



#13 Dieldrin

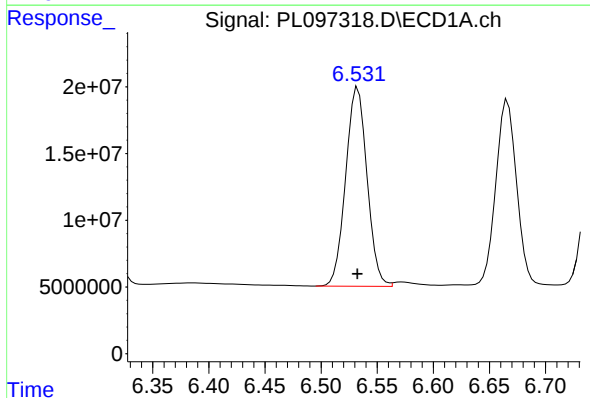
R.T.: 6.307 min  
Delta R.T.: 0.001 min  
Response: 248272398  
Conc: 45.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



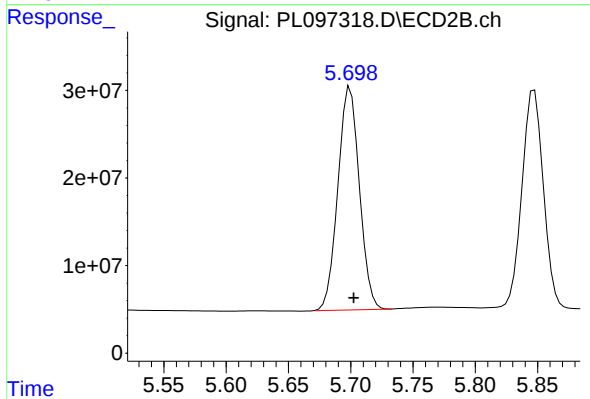
#13 Dieldrin

R.T.: 5.425 min  
Delta R.T.: -0.003 min  
Response: 370178287  
Conc: 45.27 ng/ml



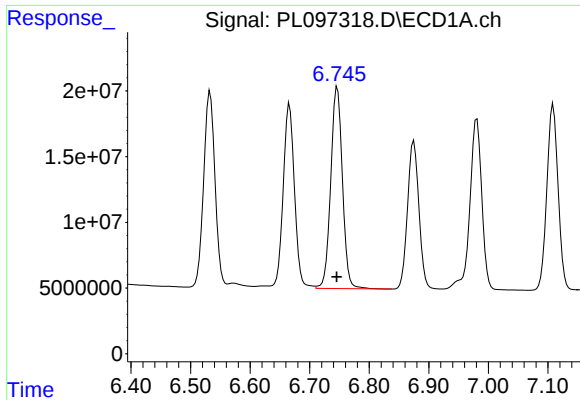
#14 Endrin

R.T.: 6.533 min  
Delta R.T.: 0.000 min  
Response: 197553904  
Conc: 42.82 ng/ml



#14 Endrin

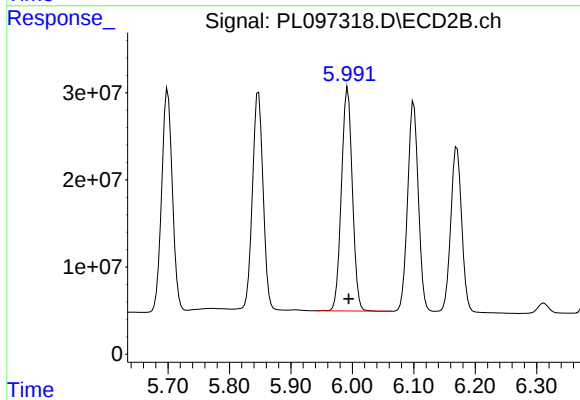
R.T.: 5.700 min  
Delta R.T.: -0.003 min  
Response: 306425900  
Conc: 40.80 ng/ml



#15 Endosulfan II

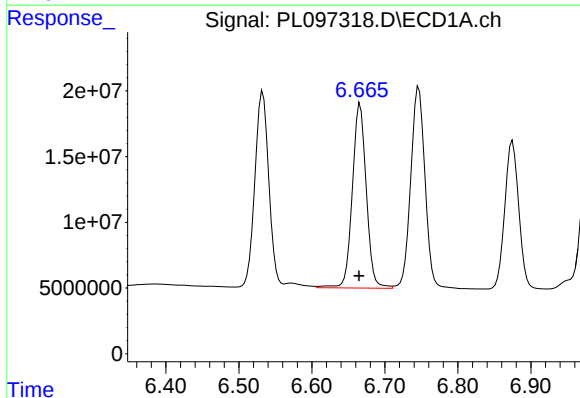
R.T.: 6.747 min  
Delta R.T.: 0.001 min  
Response: 209317243  
Conc: 42.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



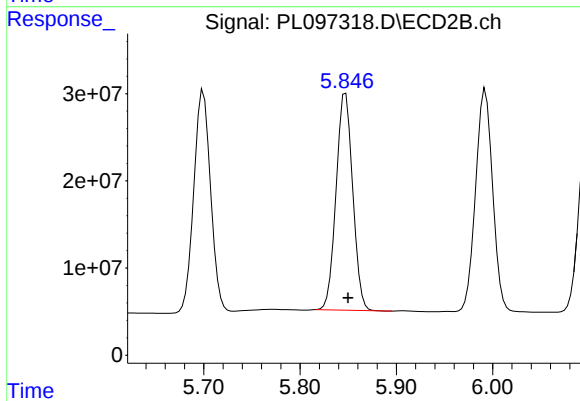
#15 Endosulfan II

R.T.: 5.992 min  
Delta R.T.: -0.002 min  
Response: 317023092  
Conc: 44.59 ng/ml



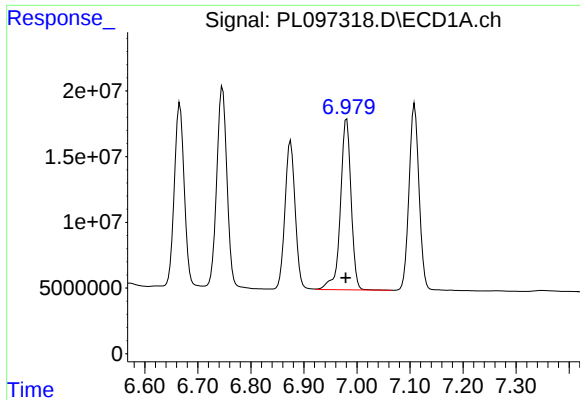
#16 4,4'-DDD

R.T.: 6.666 min  
Delta R.T.: 0.001 min  
Response: 186716939  
Conc: 49.52 ng/ml



#16 4,4'-DDD

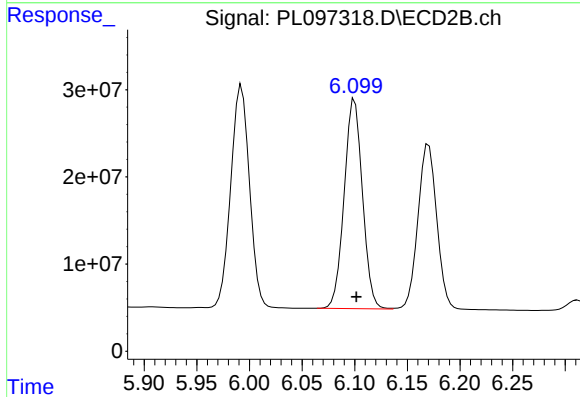
R.T.: 5.847 min  
Delta R.T.: -0.002 min  
Response: 298102168  
Conc: 46.22 ng/ml



#17 4,4'-DDT

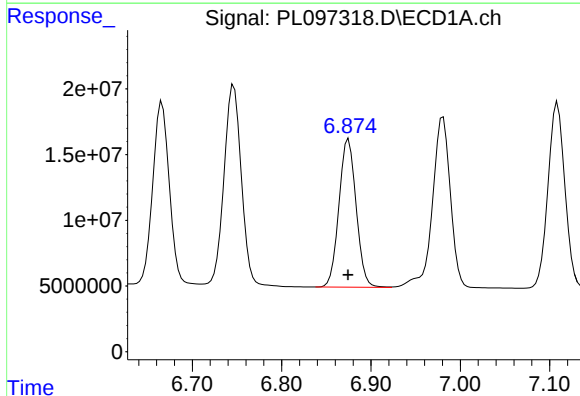
R.T.: 6.981 min  
Delta R.T.: 0.002 min  
Response: 181948895  
Conc: 43.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



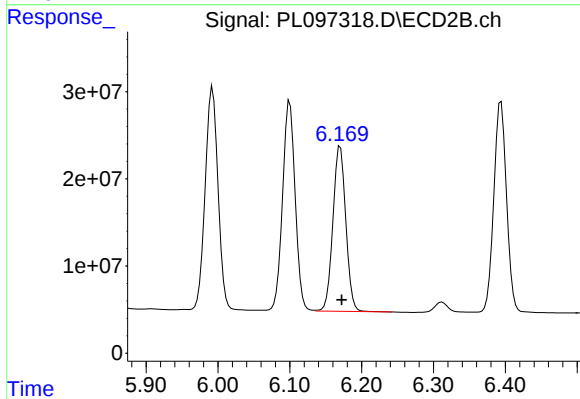
#17 4,4'-DDT

R.T.: 6.100 min  
Delta R.T.: -0.002 min  
Response: 291751533  
Conc: 42.16 ng/ml



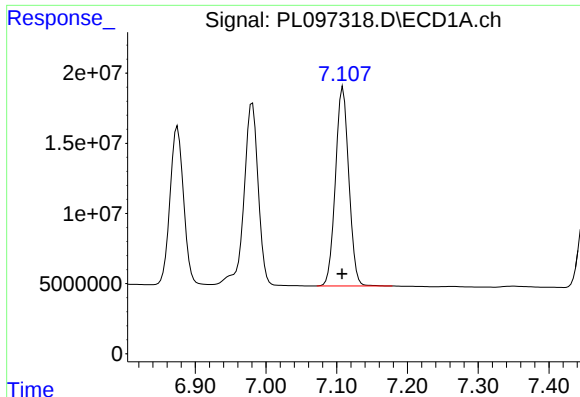
#18 Endrin aldehyde

R.T.: 6.875 min  
Delta R.T.: 0.000 min  
Response: 150691814  
Conc: 48.88 ng/ml



#18 Endrin aldehyde

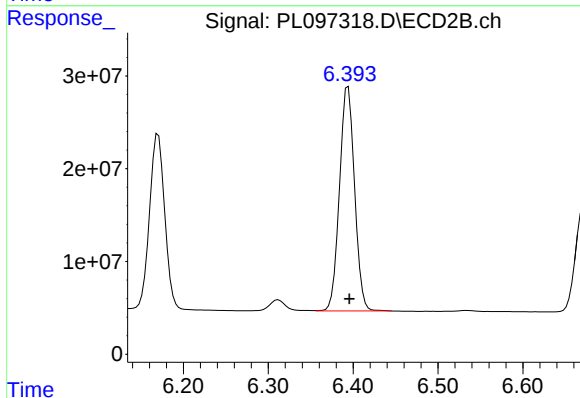
R.T.: 6.170 min  
Delta R.T.: -0.002 min  
Response: 235765620  
Conc: 44.17 ng/ml



#19 Endosulfan Sulfate

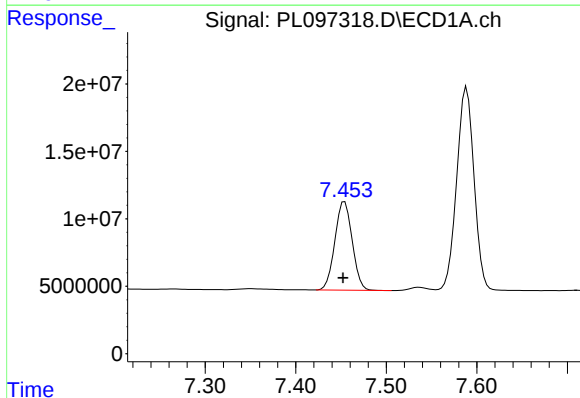
R.T.: 7.109 min  
Delta R.T.: 0.001 min  
Response: 186014613  
Conc: 45.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



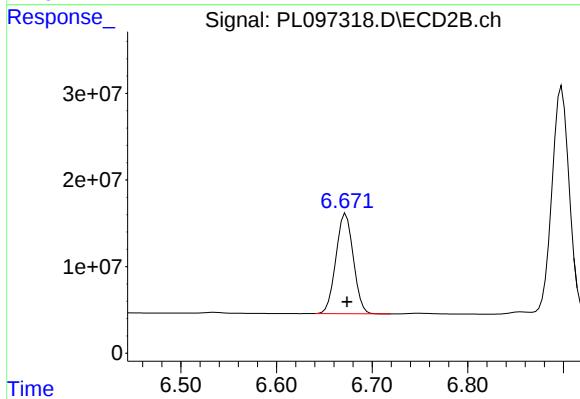
#19 Endosulfan Sulfate

R.T.: 6.394 min  
Delta R.T.: -0.002 min  
Response: 298082502  
Conc: 43.52 ng/ml



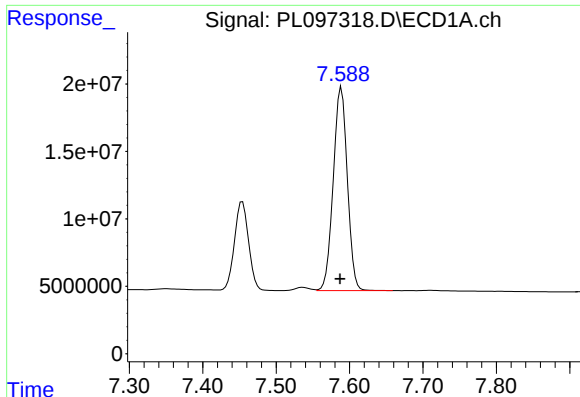
#20 Methoxychlor

R.T.: 7.454 min  
Delta R.T.: 0.002 min  
Response: 87394292  
Conc: 41.91 ng/ml



#20 Methoxychlor

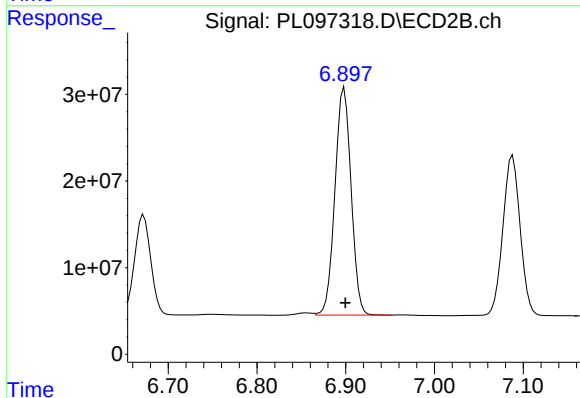
R.T.: 6.672 min  
Delta R.T.: -0.001 min  
Response: 146369954  
Conc: 38.83 ng/ml



#21 Endrin ketone

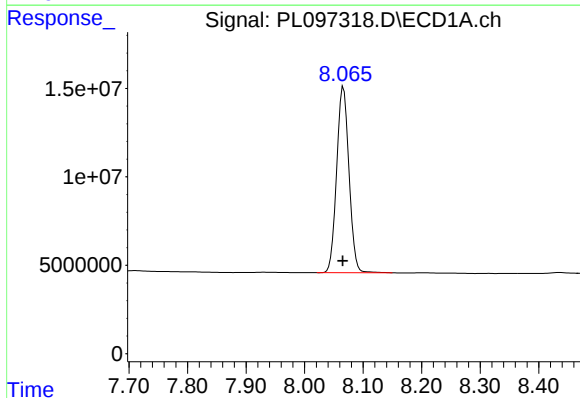
R.T.: 7.589 min  
Delta R.T.: 0.002 min  
Response: 201239594  
Conc: 47.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



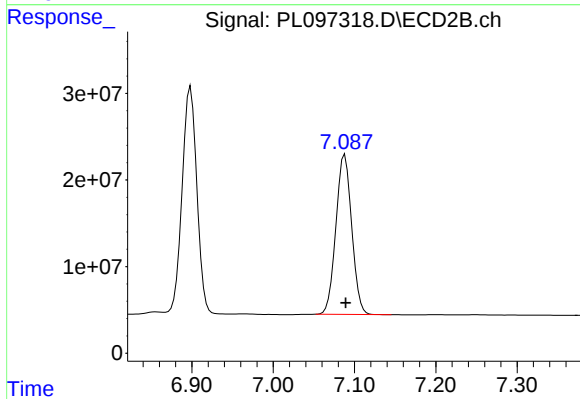
#21 Endrin ketone

R.T.: 6.898 min  
Delta R.T.: -0.001 min  
Response: 332528985  
Conc: 44.16 ng/ml



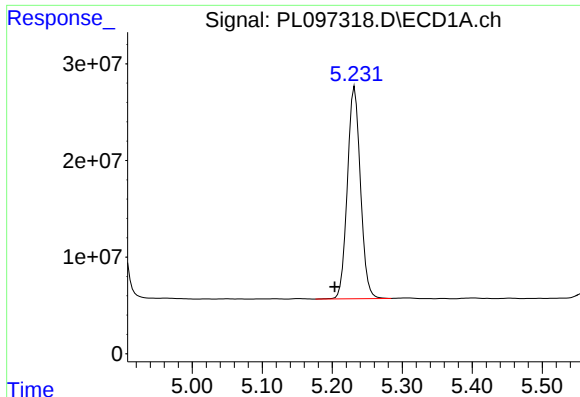
#22 Mirex

R.T.: 8.066 min  
Delta R.T.: 0.000 min  
Response: 154039504  
Conc: 43.39 ng/ml



#22 Mirex

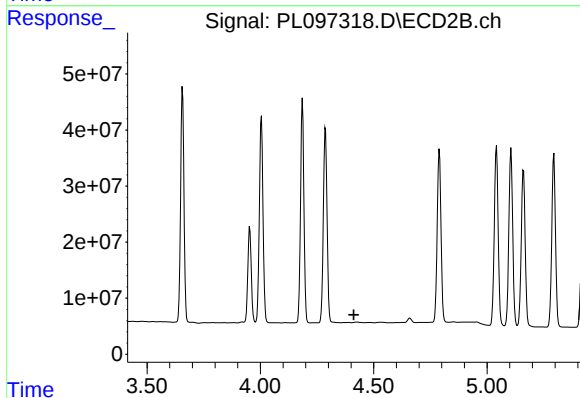
R.T.: 7.088 min  
Delta R.T.: -0.001 min  
Response: 249091007  
Conc: 41.66 ng/ml



#24 Chlordane-2

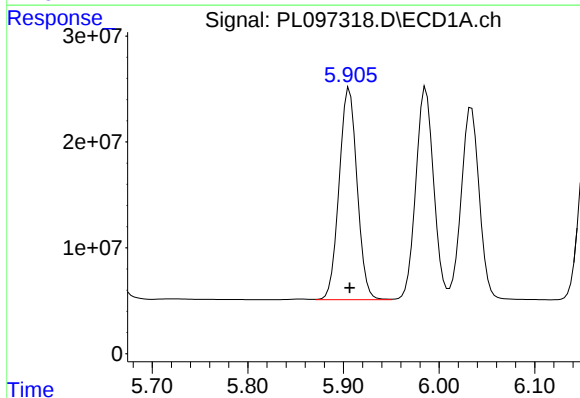
R.T.: 5.232 min  
Delta R.T.: 0.029 min  
Response: 284651189  
Conc: 1282.36 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



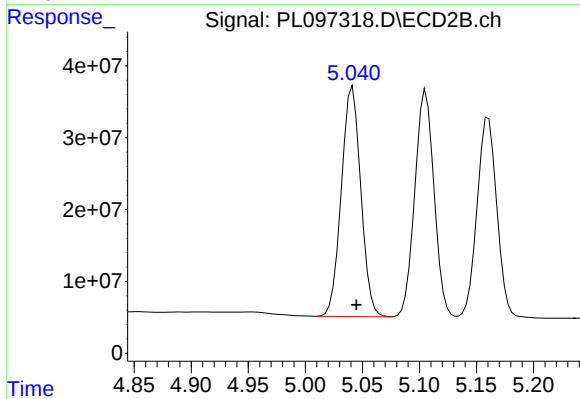
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.412 min  
Response: 0  
Conc: N.D.



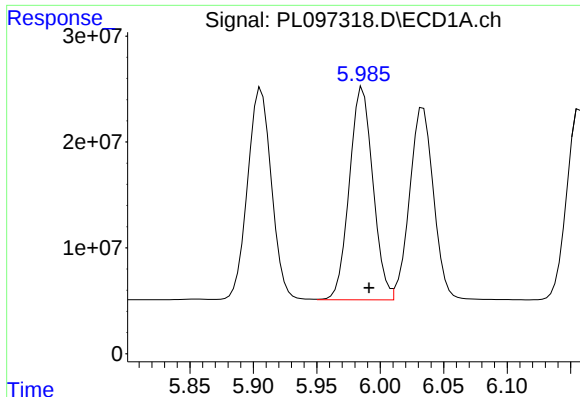
#25 Chlordane-3

R.T.: 5.906 min  
Delta R.T.: 0.000 min  
Response: 261840128  
Conc: 321.02 ng/ml



#25 Chlordane-3

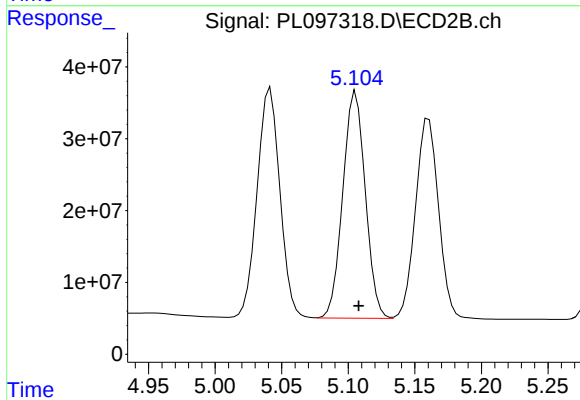
R.T.: 5.042 min  
Delta R.T.: -0.003 min  
Response: 380289207  
Conc: 425.28 ng/ml



#26 Chlordane-4

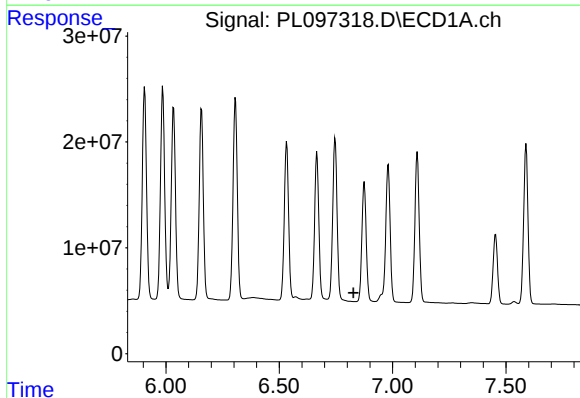
R.T.: 5.986 min  
Delta R.T.: -0.005 min  
Response: 259364518  
Conc: 259.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



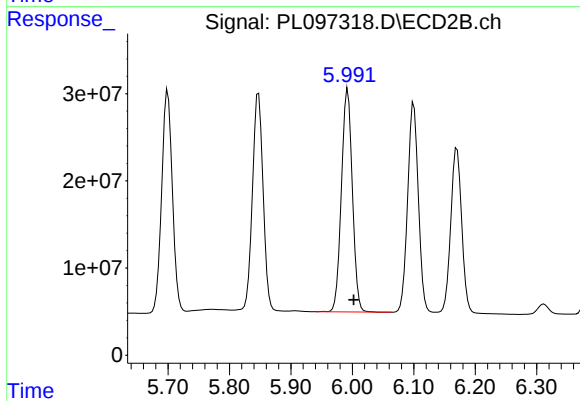
#26 Chlordane-4

R.T.: 5.106 min  
Delta R.T.: -0.002 min  
Response: 371294152  
Conc: 487.55 ng/ml



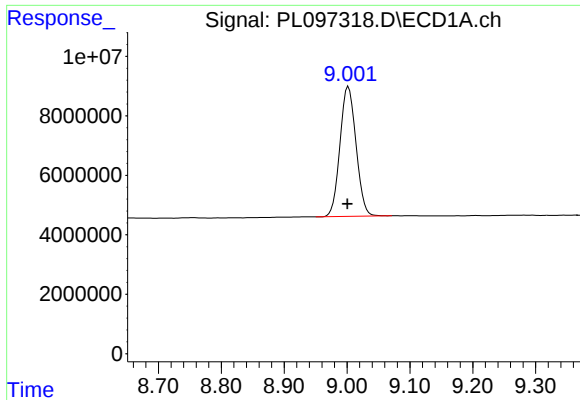
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.828 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

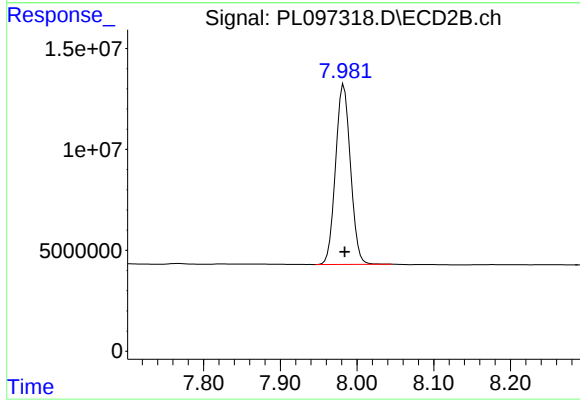
R.T.: 5.992 min  
Delta R.T.: -0.010 min  
Response: 317023092  
Conc: 1063.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.002 min  
Delta R.T.: 0.002 min  
Response: 77453203  
Conc: 23.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.983 min  
Delta R.T.: -0.001 min  
Response: 120362163  
Conc: 21.15 ng/ml