

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072225\  
 Data File : PL096513.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2025 15:52  
 Operator : AR\AJ  
 Sample : PB168880BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB168880BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 01:47:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070725.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 07 15:22:07 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 x0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|---------|----------|------------|
| -----                       |                 |        |       |          |         |          |            |
| System Monitoring Compounds |                 |        |       |          |         |          |            |
| 1)                          | SA Tetrachlo... | 3.535  | 2.824 | 74871058 | 137.4E6 | 20.518   | 23.807     |
| 28)                         | SA Decachlor... | 9.021  | 7.993 | 61022226 | 118.3E6 | 21.692   | 23.722     |
| Target Compounds            |                 |        |       |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.982  | 3.330 | 246.4E6  | 463.8E6 | 47.904   | 54.987     |
| 3)                          | MA gamma-BHC... | 4.311  | 3.663 | 236.4E6  | 429.6E6 | 47.473   | 54.547     |
| 4)                          | MA Heptachlor   | 4.904  | 4.012 | 225.5E6  | 415.8E6 | 49.229   | 54.651     |
| 5)                          | MB Aldrin       | 5.244  | 4.295 | 222.9E6  | 396.0E6 | 46.109   | 54.281     |
| 6)                          | B beta-BHC      | 4.497  | 3.959 | 98401682 | 179.3E6 | 47.336   | 52.360     |
| 7)                          | B delta-BHC     | 4.743  | 4.192 | 219.2E6  | 419.4E6 | 48.924   | 54.454     |
| 8)                          | B Heptachlo...  | 5.664  | 4.797 | 200.5E6  | 353.3E6 | 48.321   | 52.847     |
| 9)                          | A Endosulfan I  | 6.046  | 5.169 | 191.0E6  | 329.0E6 | 47.317   | 45.861     |
| 10)                         | B gamma-Chl...  | 5.918  | 5.050 | 206.6E6  | 379.0E6 | 46.690   | 53.993     |
| 11)                         | B alpha-Chl...  | 5.998  | 5.114 | 205.6E6  | 368.7E6 | 46.958   | 49.031     |
| 12)                         | B 4,4'-DDE      | 6.169  | 5.303 | 173.5E6  | 350.2E6 | 46.801   | 54.184     |
| 13)                         | MA Dieldrin     | 6.318  | 5.434 | 198.4E6  | 365.8E6 | 46.909   | 53.648     |
| 14)                         | MA Endrin       | 6.545  | 5.708 | 163.2E6  | 338.3E6 | 52.457   | 55.484     |
| 15)                         | B Endosulfa...  | 6.758  | 6.001 | 176.5E6  | 306.4E6 | 50.860   | 52.248     |
| 16)                         | A 4,4'-DDD      | 6.677  | 5.856 | 171.2E6  | 294.3E6 | 58.784   | 57.376     |
| 17)                         | MA 4,4'-DDT     | 6.992  | 6.109 | 149.4E6  | 327.1E6 | 49.236   | 57.027     |
| 18)                         | B Endrin al...  | 6.886  | 6.179 | 126.3E6  | 243.3E6 | 56.508   | 54.610     |
| 19)                         | B Endosulfa...  | 7.120  | 6.402 | 148.0E6  | 309.8E6 | 48.377   | 55.075     |
| 20)                         | A Methoxychlor  | 7.465  | 6.681 | 78559836 | 159.7E6 | 49.867   | 52.567     |
| 21)                         | B Endrin ke...  | 7.599  | 6.907 | 153.9E6  | 342.2E6 | 46.616   | 54.733     |
| 22)                         | Mirex           | 8.079  | 7.097 | 130.5E6  | 254.8E6 | 46.888   | 51.284     |
| 24)                         | Chlordane-2     | 5.244f | 0.000 | 222.9E6  | 0       | 1138.412 | N.D. #     |
| 25)                         | Chlordane-3     | 5.918  | 5.050 | 206.6E6  | 379.0E6 | 280.408  | 471.096 #  |
| 26)                         | Chlordane-4     | 5.998  | 5.114 | 205.6E6  | 368.7E6 | 229.177  | 490.703 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.001 | 0        | 306.4E6 | N.D.     | 1080.890 # |
| -----                       |                 |        |       |          |         |          |            |

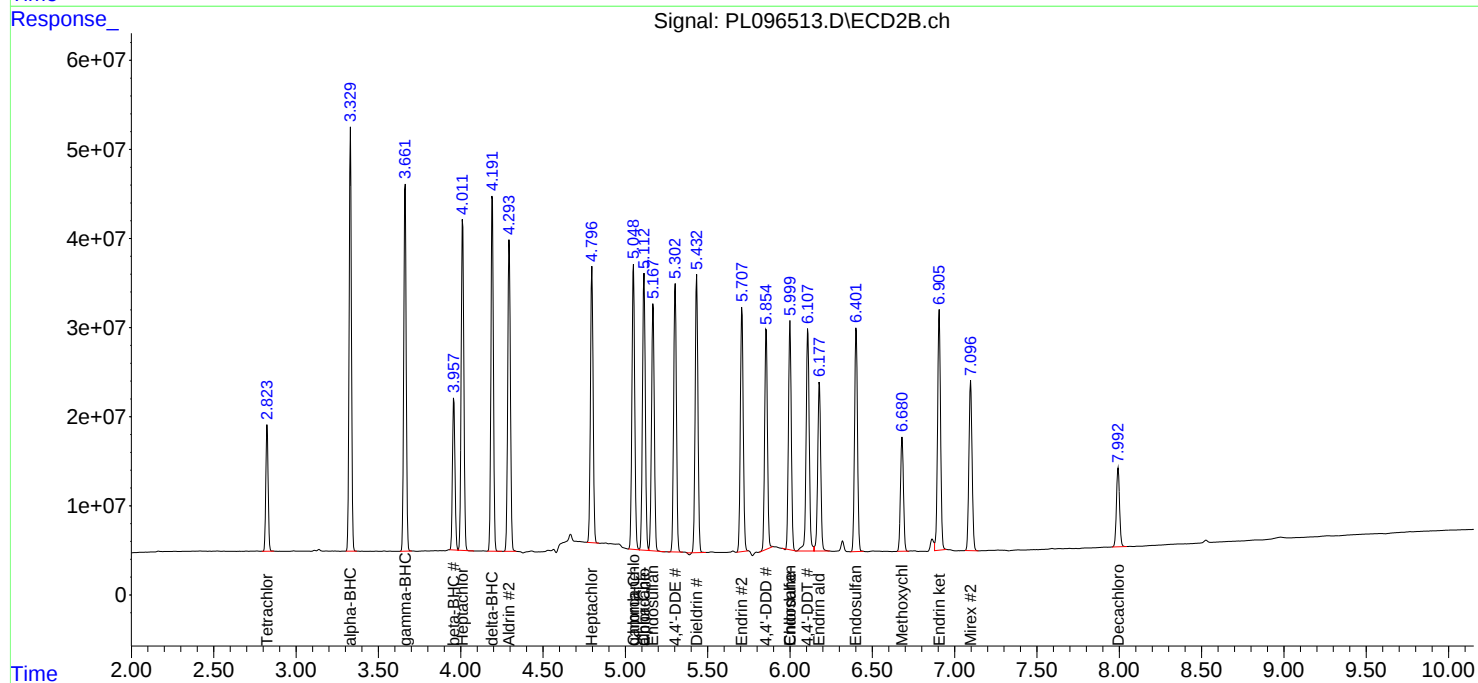
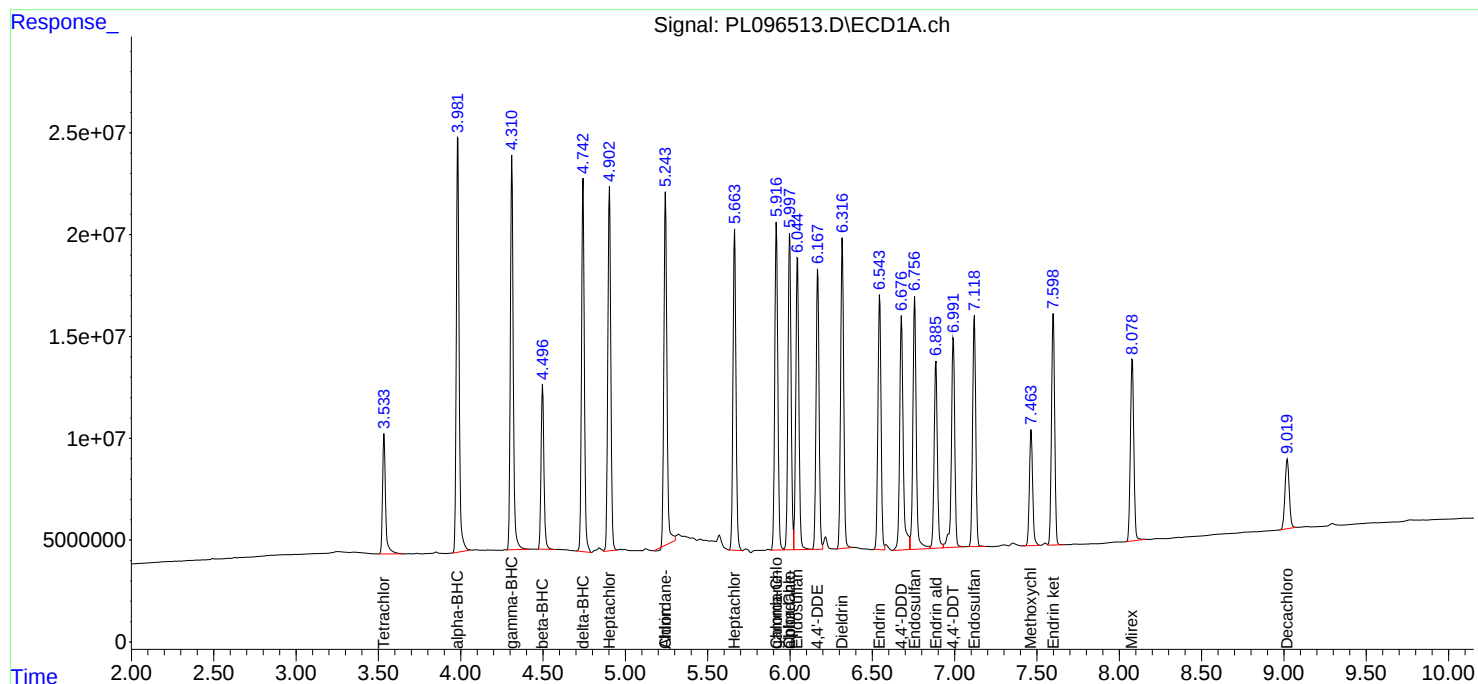
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

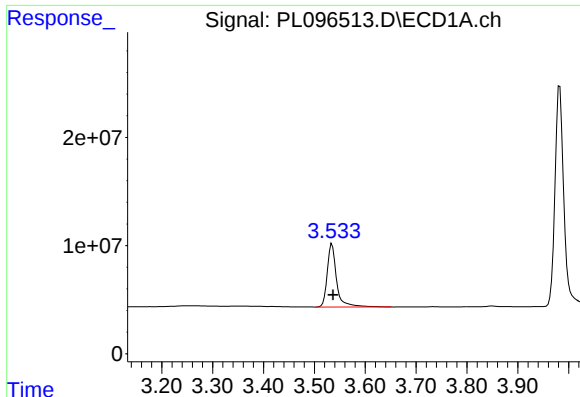
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072225\  
Data File : PL096513.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jul 2025 15:52  
Operator : AR\AJ  
Sample : PB168880BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 23 01:47:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070725.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 07 15:22:07 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 x0.25µm

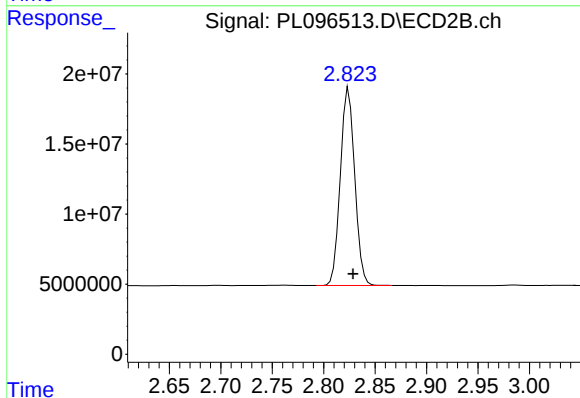




#1 Tetrachloro-m-xylene

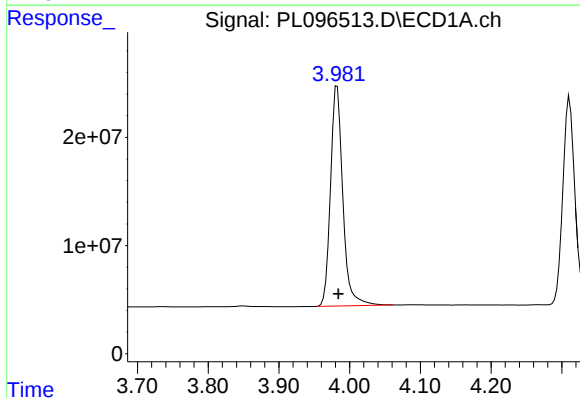
R.T.: 3.535 min  
Delta R.T.: -0.002 min  
Response: 74871058  
Conc: 20.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



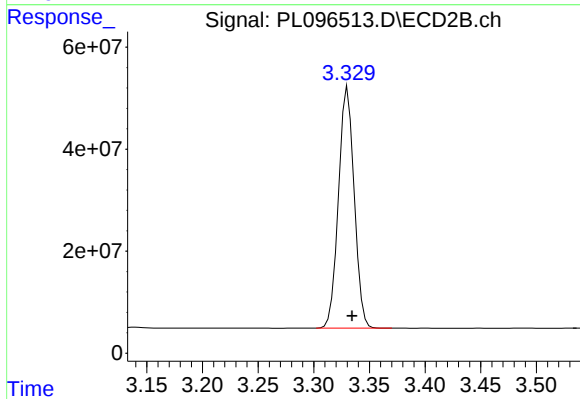
#1 Tetrachloro-m-xylene

R.T.: 2.824 min  
Delta R.T.: -0.004 min  
Response: 137397892  
Conc: 23.81 ng/ml



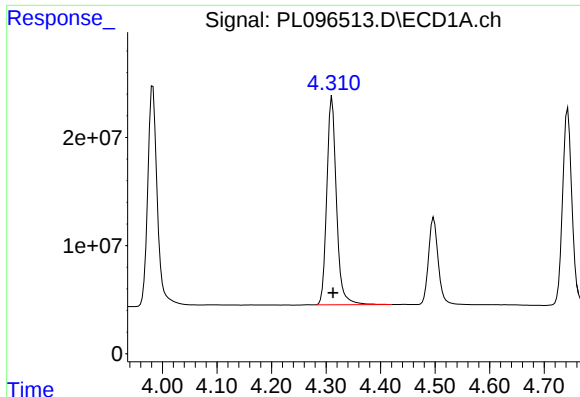
#2 alpha-BHC

R.T.: 3.982 min  
Delta R.T.: -0.002 min  
Response: 246377070  
Conc: 47.90 ng/ml



#2 alpha-BHC

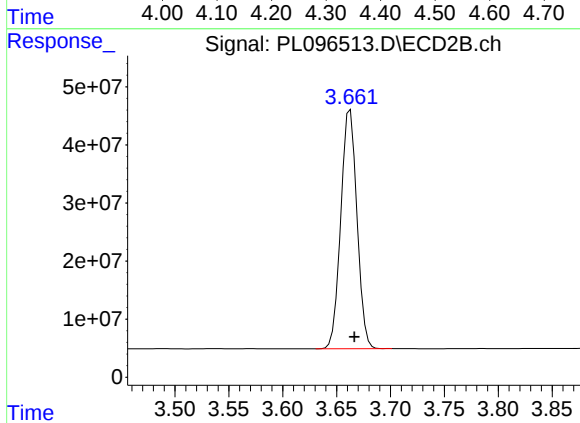
R.T.: 3.330 min  
Delta R.T.: -0.004 min  
Response: 463779512  
Conc: 54.99 ng/ml



#3 gamma-BHC (Lindane)

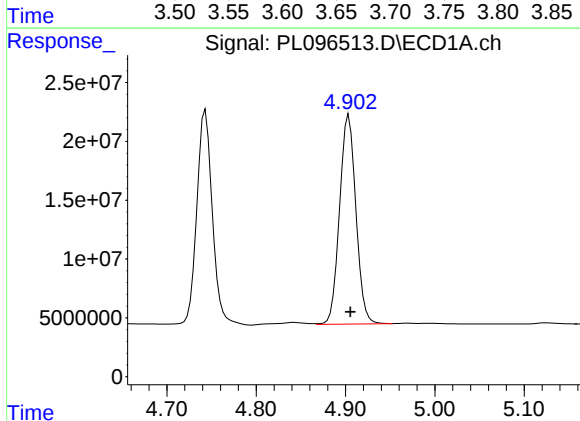
R.T.: 4.311 min  
Delta R.T.: -0.002 min  
Response: 236399704  
Conc: 47.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



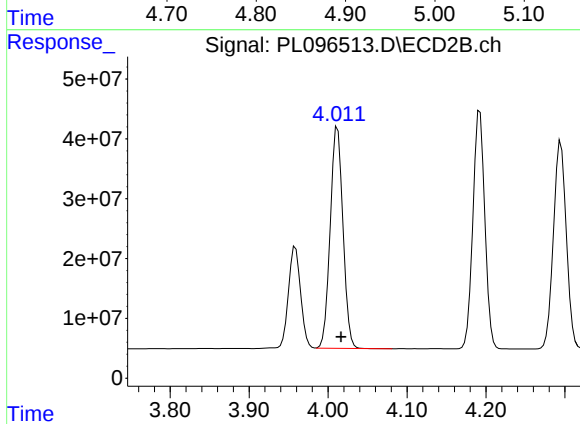
#3 gamma-BHC (Lindane)

R.T.: 3.663 min  
Delta R.T.: -0.004 min  
Response: 429607983  
Conc: 54.55 ng/ml



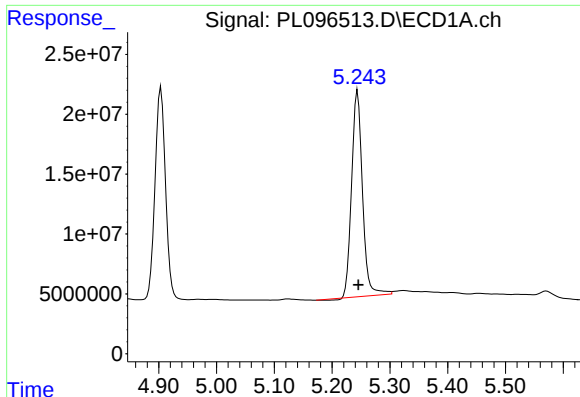
#4 Heptachlor

R.T.: 4.904 min  
Delta R.T.: -0.002 min  
Response: 225527892  
Conc: 49.23 ng/ml



#4 Heptachlor

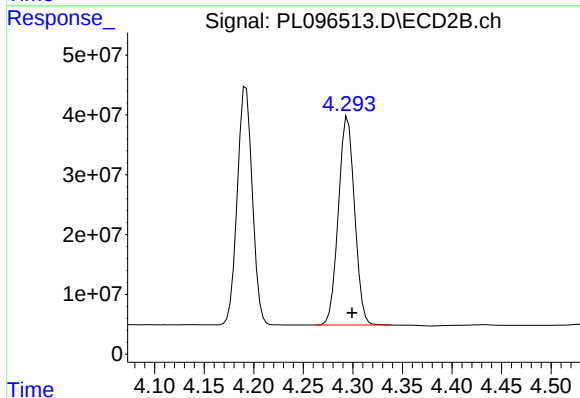
R.T.: 4.012 min  
Delta R.T.: -0.004 min  
Response: 415770103  
Conc: 54.65 ng/ml



#5 Aldrin

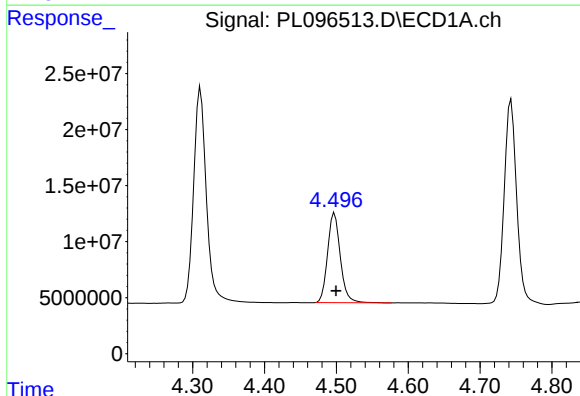
R.T.: 5.244 min  
Delta R.T.: -0.002 min  
Response: 222878319  
Conc: 46.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



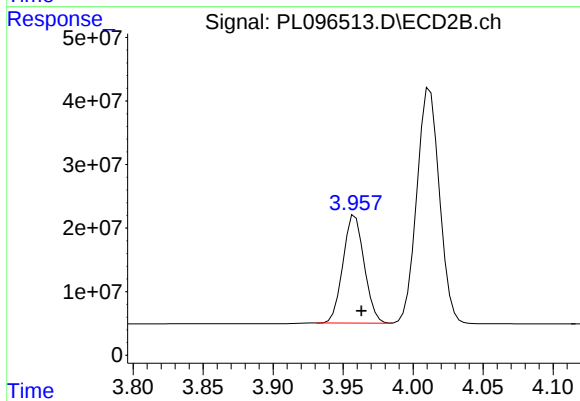
#5 Aldrin

R.T.: 4.295 min  
Delta R.T.: -0.004 min  
Response: 396014781  
Conc: 54.28 ng/ml



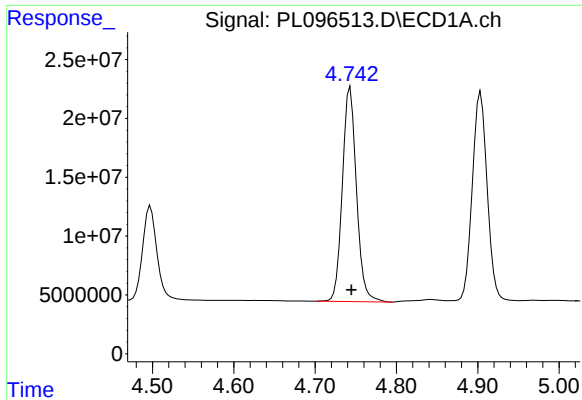
#6 beta-BHC

R.T.: 4.497 min  
Delta R.T.: -0.002 min  
Response: 98401682  
Conc: 47.34 ng/ml



#6 beta-BHC

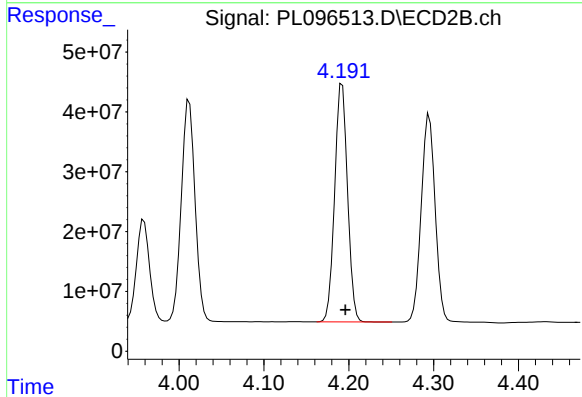
R.T.: 3.959 min  
Delta R.T.: -0.004 min  
Response: 179276527  
Conc: 52.36 ng/ml



#7 delta-BHC

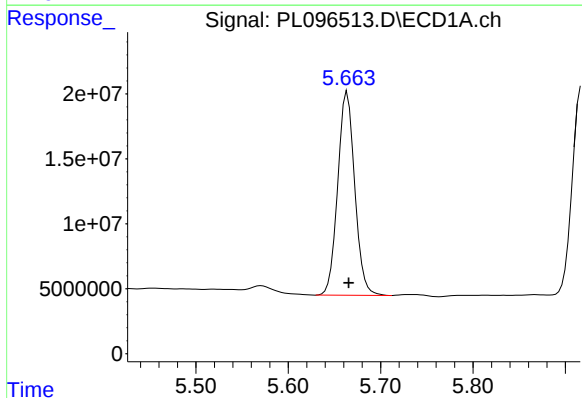
R.T.: 4.743 min  
Delta R.T.: -0.001 min  
Response: 219243283  
Conc: 48.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



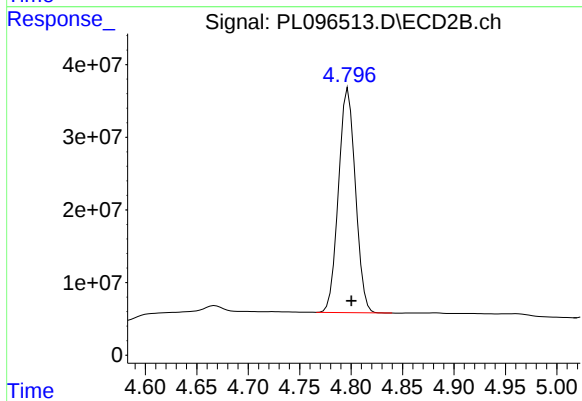
#7 delta-BHC

R.T.: 4.192 min  
Delta R.T.: -0.004 min  
Response: 419402800  
Conc: 54.45 ng/ml



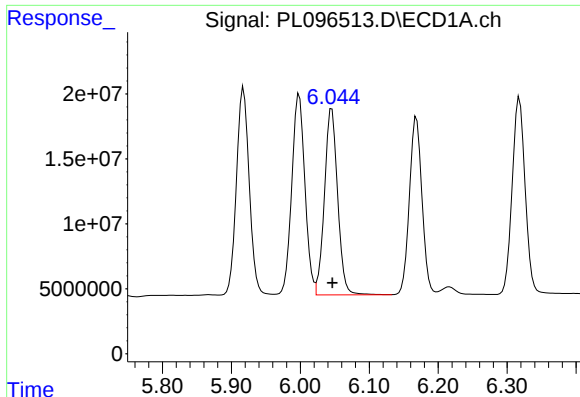
#8 Heptachlor epoxide

R.T.: 5.664 min  
Delta R.T.: -0.001 min  
Response: 200490470  
Conc: 48.32 ng/ml



#8 Heptachlor epoxide

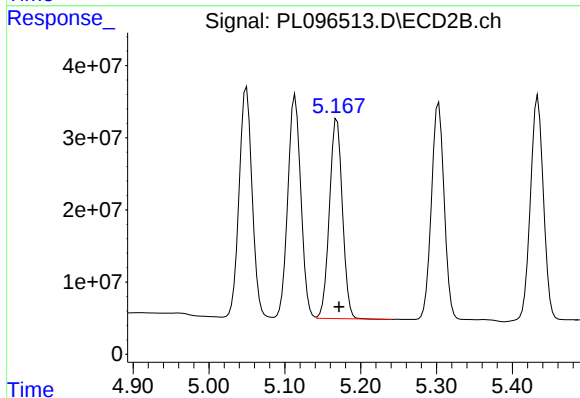
R.T.: 4.797 min  
Delta R.T.: -0.003 min  
Response: 353278859  
Conc: 52.85 ng/ml



#9 Endosulfan I

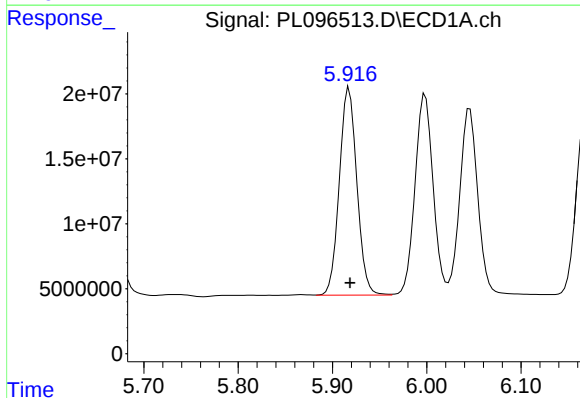
R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 191029333  
Conc: 47.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



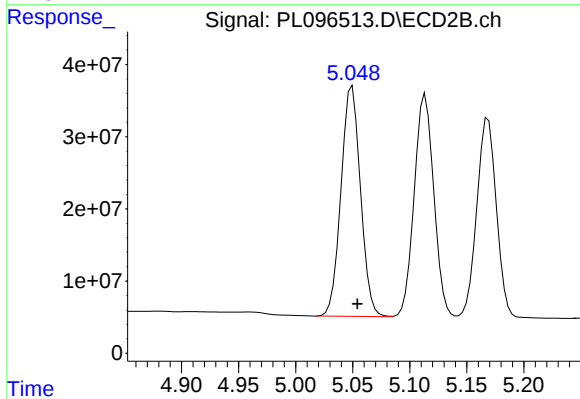
#9 Endosulfan I

R.T.: 5.169 min  
Delta R.T.: -0.003 min  
Response: 329010690  
Conc: 45.86 ng/ml



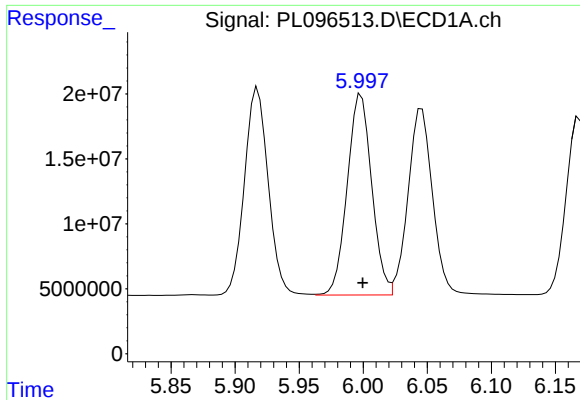
#10 gamma-Chlordane

R.T.: 5.918 min  
Delta R.T.: -0.001 min  
Response: 206592020  
Conc: 46.69 ng/ml



#10 gamma-Chlordane

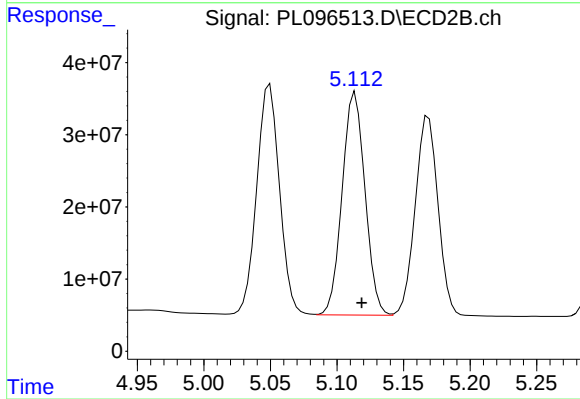
R.T.: 5.050 min  
Delta R.T.: -0.005 min  
Response: 379014288  
Conc: 53.99 ng/ml



#11 alpha-Chlordane

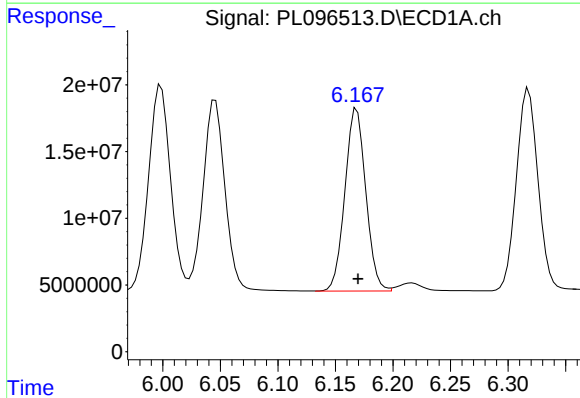
R.T.: 5.998 min  
Delta R.T.: -0.001 min  
Response: 205623258  
Conc: 46.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



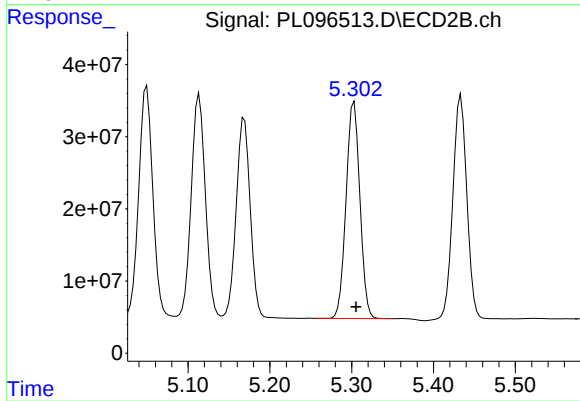
#11 alpha-Chlordane

R.T.: 5.114 min  
Delta R.T.: -0.005 min  
Response: 368727166  
Conc: 49.03 ng/ml



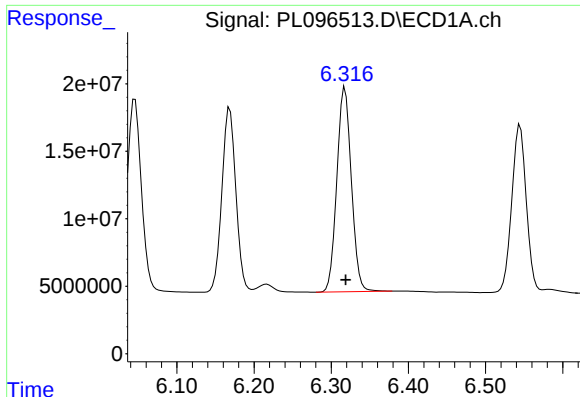
#12 4,4'-DDE

R.T.: 6.169 min  
Delta R.T.: -0.001 min  
Response: 173513508  
Conc: 46.80 ng/ml



#12 4,4'-DDE

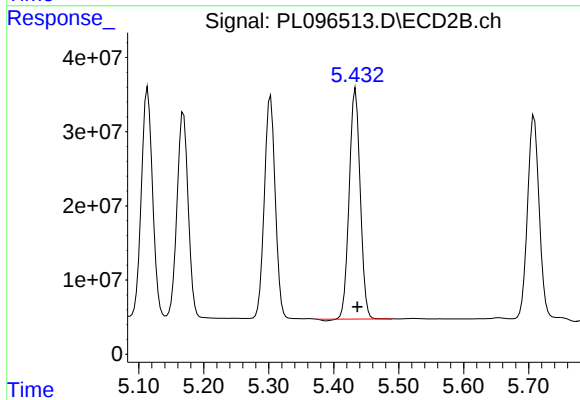
R.T.: 5.303 min  
Delta R.T.: -0.003 min  
Response: 350229316  
Conc: 54.18 ng/ml



#13 Dieldrin

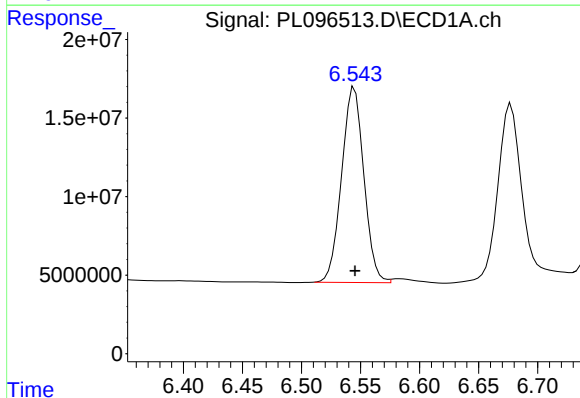
R.T.: 6.318 min  
Delta R.T.: -0.001 min  
Response: 198351874  
Conc: 46.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



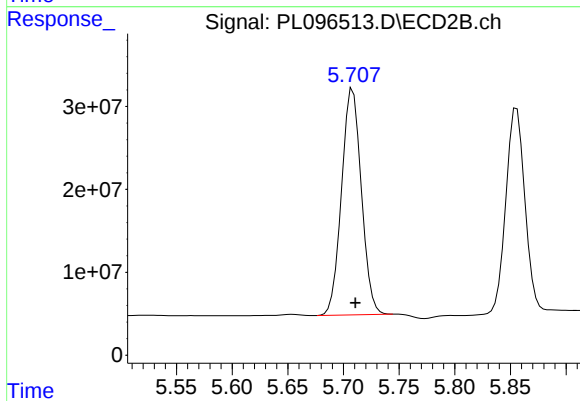
#13 Dieldrin

R.T.: 5.434 min  
Delta R.T.: -0.002 min  
Response: 365842819  
Conc: 53.65 ng/ml



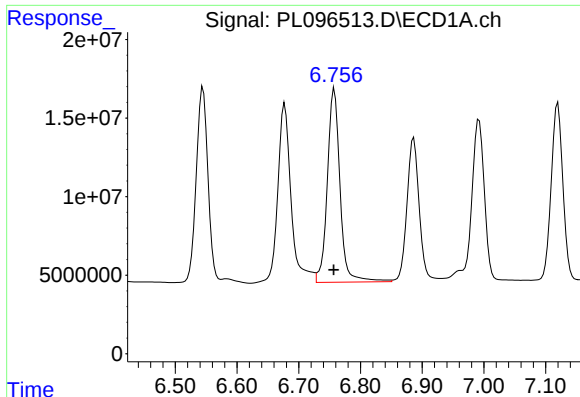
#14 Endrin

R.T.: 6.545 min  
Delta R.T.: 0.000 min  
Response: 163153538  
Conc: 52.46 ng/ml



#14 Endrin

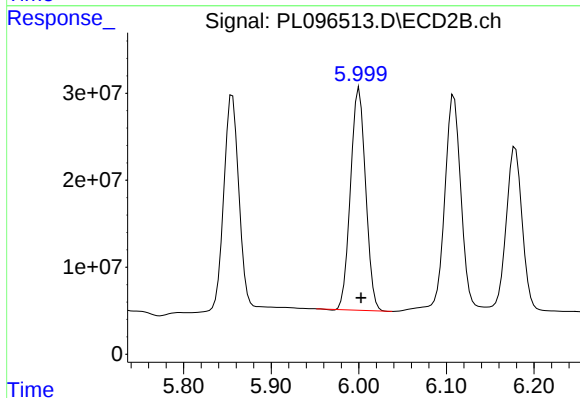
R.T.: 5.708 min  
Delta R.T.: -0.002 min  
Response: 338260164  
Conc: 55.48 ng/ml



#15 Endosulfan II

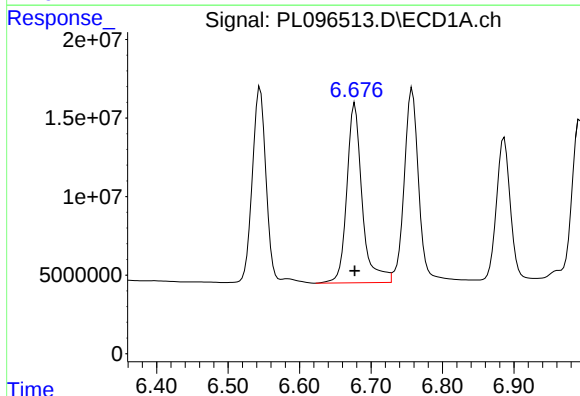
R.T.: 6.758 min  
Delta R.T.: 0.000 min  
Response: 176485863  
Conc: 50.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



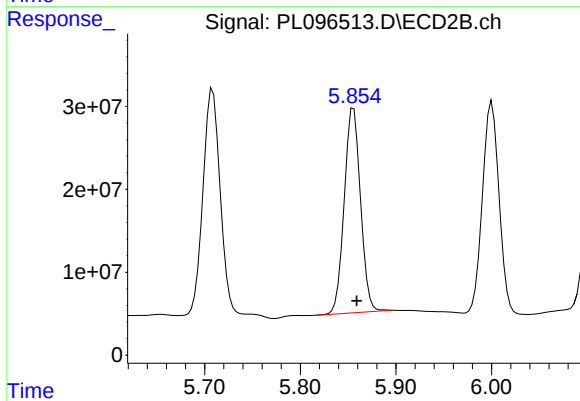
#15 Endosulfan II

R.T.: 6.001 min  
Delta R.T.: -0.002 min  
Response: 306378643  
Conc: 52.25 ng/ml



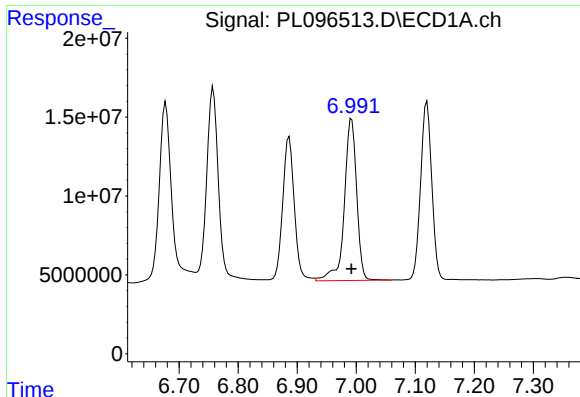
#16 4,4'-DDD

R.T.: 6.677 min  
Delta R.T.: 0.000 min  
Response: 171161334  
Conc: 58.78 ng/ml



#16 4,4'-DDD

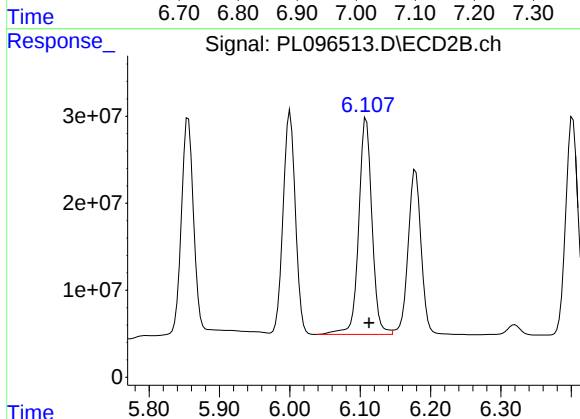
R.T.: 5.856 min  
Delta R.T.: -0.003 min  
Response: 294261975  
Conc: 57.38 ng/ml



#17 4,4'-DDT

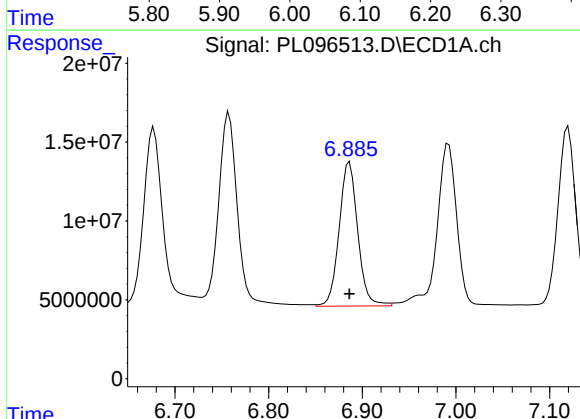
R.T.: 6.992 min  
Delta R.T.: 0.000 min  
Response: 149440677  
Conc: 49.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



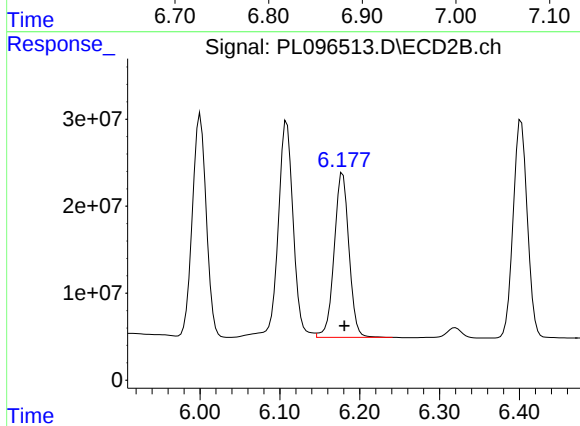
#17 4,4'-DDT

R.T.: 6.109 min  
Delta R.T.: -0.004 min  
Response: 327056150  
Conc: 57.03 ng/ml



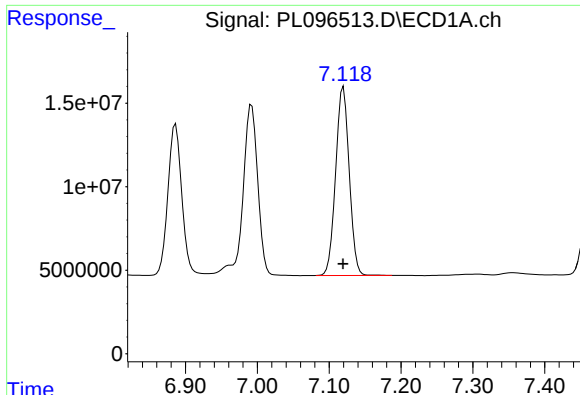
#18 Endrin aldehyde

R.T.: 6.886 min  
Delta R.T.: 0.000 min  
Response: 126327309  
Conc: 56.51 ng/ml



#18 Endrin aldehyde

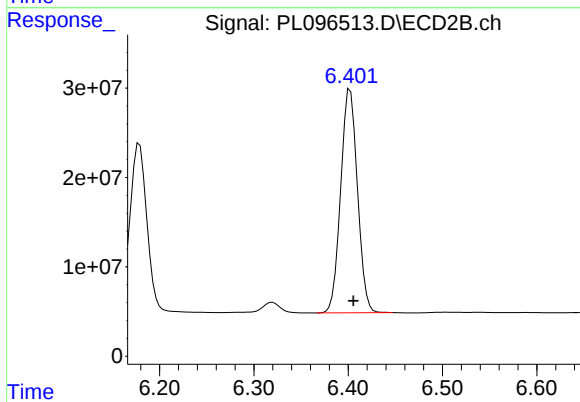
R.T.: 6.179 min  
Delta R.T.: -0.002 min  
Response: 243266639  
Conc: 54.61 ng/ml



#19 Endosulfan Sulfate

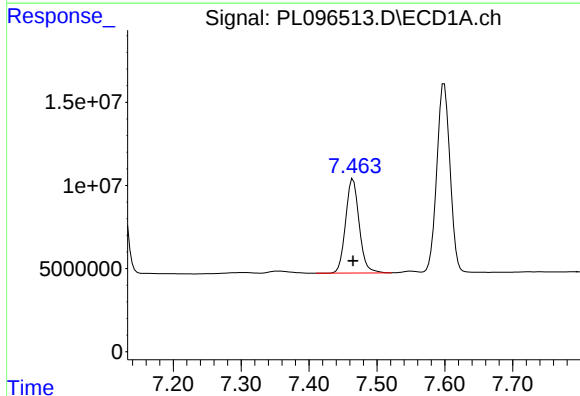
R.T.: 7.120 min  
Delta R.T.: 0.000 min  
Response: 147978863  
Conc: 48.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



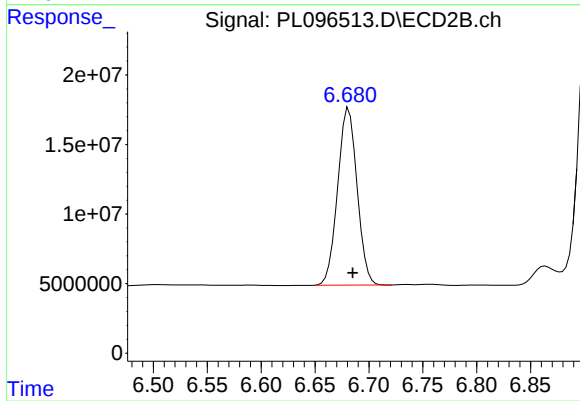
#19 Endosulfan Sulfate

R.T.: 6.402 min  
Delta R.T.: -0.004 min  
Response: 309761848  
Conc: 55.07 ng/ml



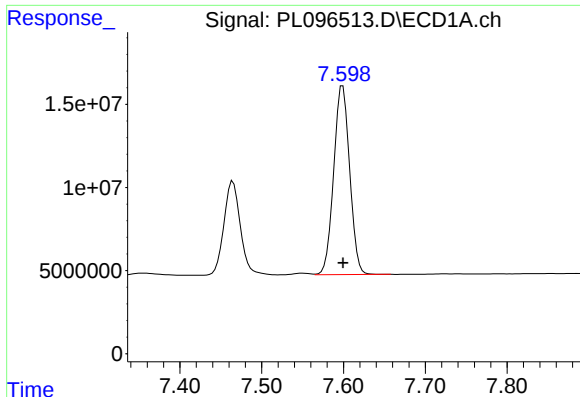
#20 Methoxychlor

R.T.: 7.465 min  
Delta R.T.: 0.000 min  
Response: 78559836  
Conc: 49.87 ng/ml



#20 Methoxychlor

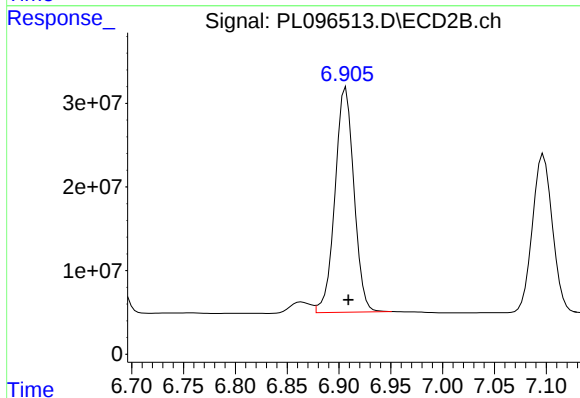
R.T.: 6.681 min  
Delta R.T.: -0.003 min  
Response: 159686837  
Conc: 52.57 ng/ml



#21 Endrin ketone

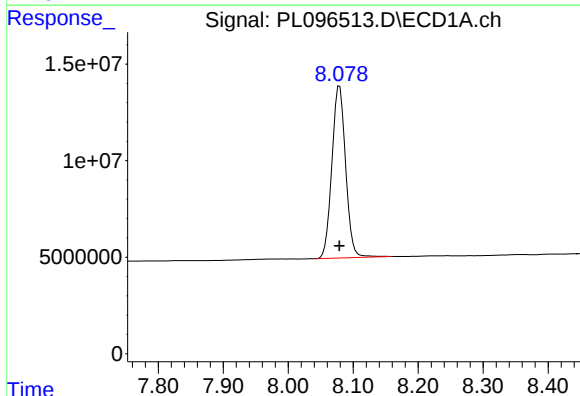
R.T.: 7.599 min  
Delta R.T.: 0.000 min  
Response: 153908489  
Conc: 46.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



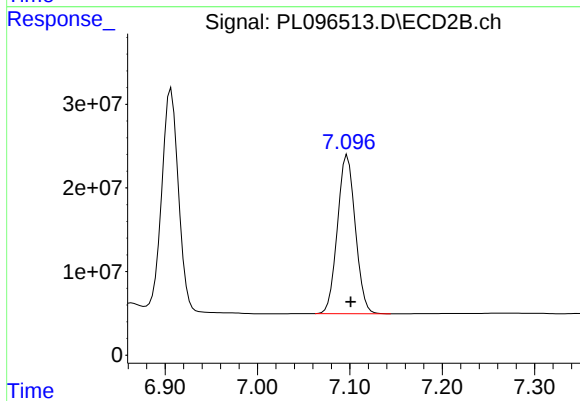
#21 Endrin ketone

R.T.: 6.907 min  
Delta R.T.: -0.002 min  
Response: 342203118  
Conc: 54.73 ng/ml



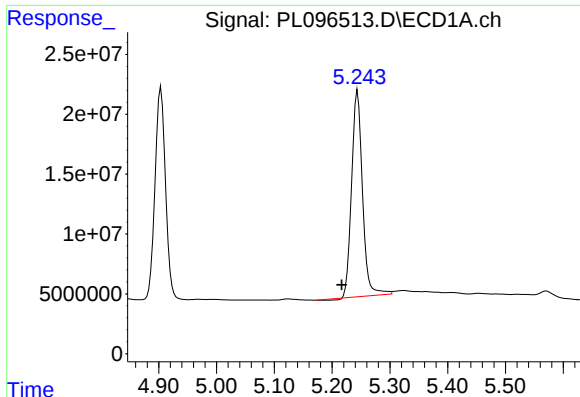
#22 Mirex

R.T.: 8.079 min  
Delta R.T.: 0.000 min  
Response: 130451723  
Conc: 46.89 ng/ml



#22 Mirex

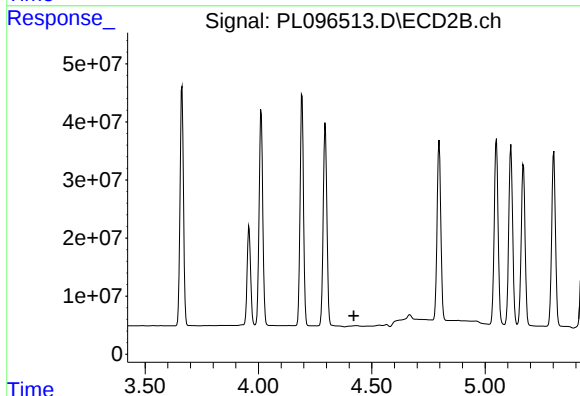
R.T.: 7.097 min  
Delta R.T.: -0.004 min  
Response: 254788346  
Conc: 51.28 ng/ml



#24 Chlordane-2

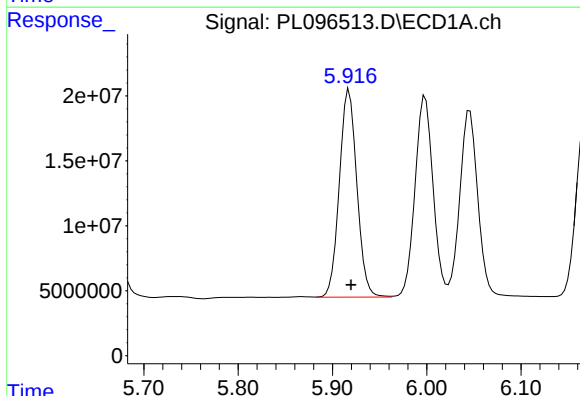
R.T.: 5.244 min  
Delta R.T.: 0.027 min  
Response: 222878319  
Conc: 1138.41 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



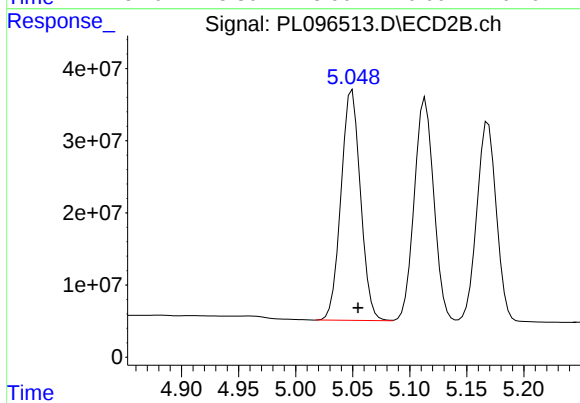
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.420 min  
Response: 0  
Conc: N.D.



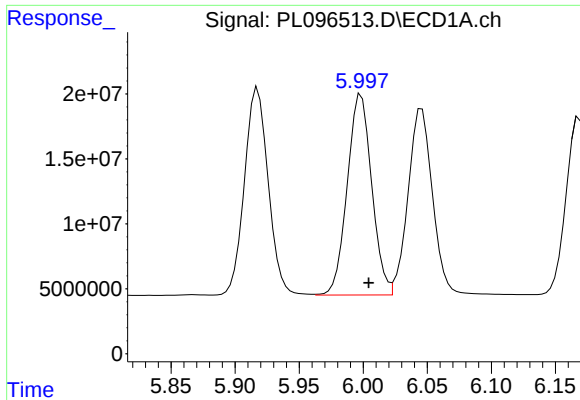
#25 Chlordane-3

R.T.: 5.918 min  
Delta R.T.: -0.002 min  
Response: 206592020  
Conc: 280.41 ng/ml



#25 Chlordane-3

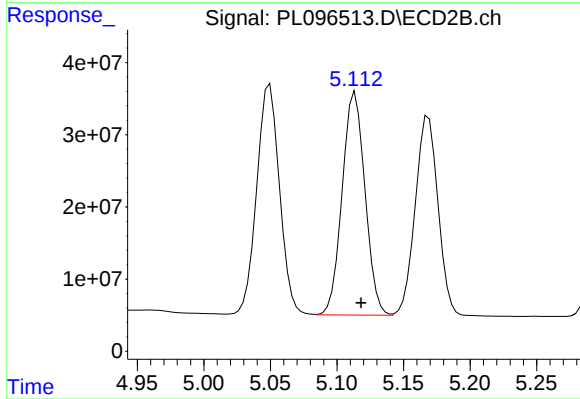
R.T.: 5.050 min  
Delta R.T.: -0.005 min  
Response: 379014288  
Conc: 471.10 ng/ml



#26 Chlordane-4

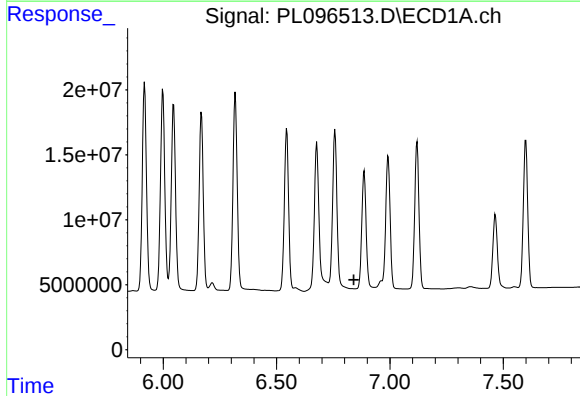
R.T.: 5.998 min  
Delta R.T.: -0.006 min  
Response: 205623258  
Conc: 229.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



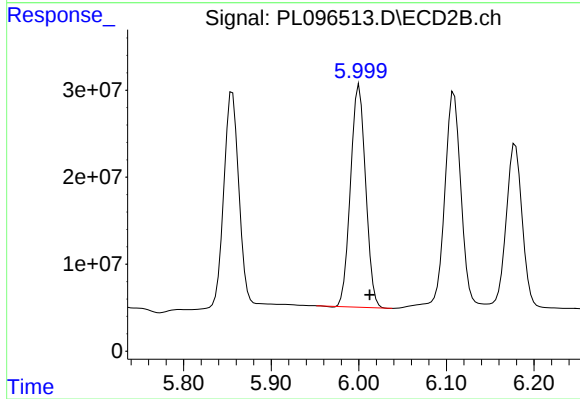
#26 Chlordane-4

R.T.: 5.114 min  
Delta R.T.: -0.004 min  
Response: 368727166  
Conc: 490.70 ng/ml



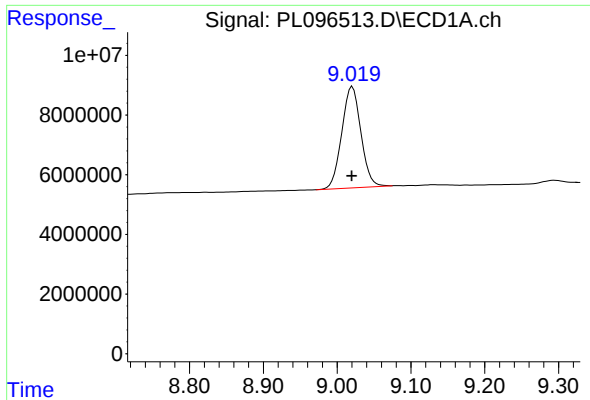
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.841 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

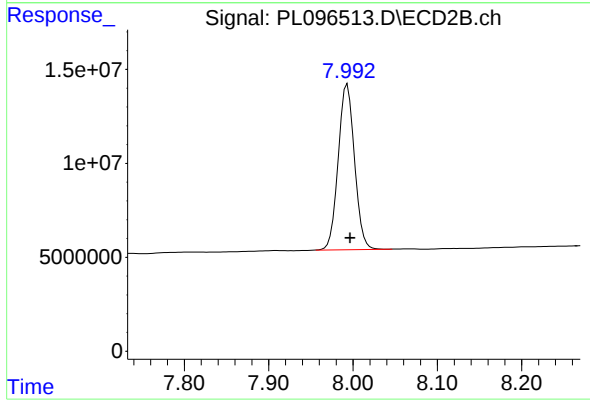
R.T.: 6.001 min  
Delta R.T.: -0.012 min  
Response: 306378643  
Conc: 1080.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.021 min  
Delta R.T.: 0.000 min  
Response: 61022226  
Conc: 21.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB168880BS



#28 Decachlorobiphenyl

R.T.: 7.993 min  
Delta R.T.: -0.003 min  
Response: 118288962  
Conc: 23.72 ng/ml