

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072125\  
 Data File : PL096483.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jul 2025 13:11  
 Operator : AR\AJ  
 Sample : PB168928BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 22 01:44:10 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... | 3.536  | 2.829 | 65840225 | 115.4E6 | 18.043   | 19.989     |
| 2)                          | SA Decachlor... | 9.020  | 7.994 | 53454518 | 101.8E6 | 19.002   | 20.421     |
| Target Compounds            |                 |        |       |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.984  | 3.334 | 271.3E6  | 488.2E6 | 52.755   | 57.879     |
| 3)                          | MA gamma-BHC... | 4.312  | 3.666 | 257.8E6  | 450.5E6 | 51.770   | 57.195     |
| 4)                          | MA Heptachlor   | 4.905  | 4.015 | 238.6E6  | 422.6E6 | 52.083   | 55.553     |
| 5)                          | MB Aldrin       | 5.245  | 4.298 | 247.7E6  | 416.9E6 | 51.245   | 57.148     |
| 6)                          | B beta-BHC      | 4.499  | 3.962 | 108.6E6  | 186.9E6 | 52.263   | 54.574     |
| 7)                          | B delta-BHC     | 4.745  | 4.196 | 242.6E6  | 439.7E6 | 54.134   | 57.096     |
| 8)                          | B Heptachlo...  | 5.664  | 4.800 | 233.3E6  | 373.4E6 | 56.227   | 55.855     |
| 9)                          | A Endosulfan I  | 6.046  | 5.171 | 208.0E6  | 348.3E6 | 51.522   | 48.544     |
| 10)                         | B gamma-Chl...  | 5.918  | 5.052 | 228.0E6  | 393.9E6 | 51.522   | 56.107     |
| 11)                         | B alpha-Chl...  | 5.998  | 5.116 | 224.9E6  | 384.0E6 | 51.355   | 51.066     |
| 12)                         | B 4,4'-DDE      | 6.168  | 5.305 | 192.1E6  | 363.3E6 | 51.821   | 56.209     |
| 13)                         | MA Dieldrin     | 6.318  | 5.436 | 218.5E6  | 384.1E6 | 51.683   | 56.319     |
| 14)                         | MA Endrin       | 6.545  | 5.710 | 159.9E6  | 313.3E6 | 51.397   | 51.391     |
| 15)                         | B Endosulfa...  | 6.757  | 6.002 | 189.0E6  | 327.9E6 | 54.464   | 55.922     |
| 16)                         | A 4,4'-DDD      | 6.677  | 5.857 | 160.5E6  | 318.5E6 | 55.135   | 62.100     |
| 17)                         | MA 4,4'-DDT     | 6.992  | 6.110 | 146.3E6  | 282.5E6 | 48.208   | 49.253     |
| 18)                         | B Endrin al...  | 6.886  | 6.180 | 138.9E6  | 253.5E6 | 62.152   | 56.900     |
| 19)                         | B Endosulfa...  | 7.120  | 6.403 | 162.7E6  | 321.2E6 | 53.176   | 57.106     |
| 20)                         | A Methoxychlor  | 7.465  | 6.682 | 73066617 | 147.7E6 | 46.380   | 48.631     |
| 21)                         | B Endrin ke...  | 7.599  | 6.908 | 177.5E6  | 359.3E6 | 53.776   | 57.468     |
| 22)                         | Mirex           | 8.079  | 7.099 | 130.7E6  | 247.8E6 | 46.994   | 49.878     |
| 24)                         | Chlordane-2     | 5.245f | 0.000 | 247.7E6  | 0       | 1265.210 | N.D. #     |
| 25)                         | Chlordane-3     | 5.918  | 5.052 | 228.0E6  | 393.9E6 | 309.429  | 489.542 #  |
| 26)                         | Chlordane-4     | 5.998  | 5.116 | 224.9E6  | 384.0E6 | 250.633  | 511.064 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.002 | 0        | 327.9E6 | N.D.     | 1156.884 # |
| -----                       |                 |        |       |          |         |          |            |

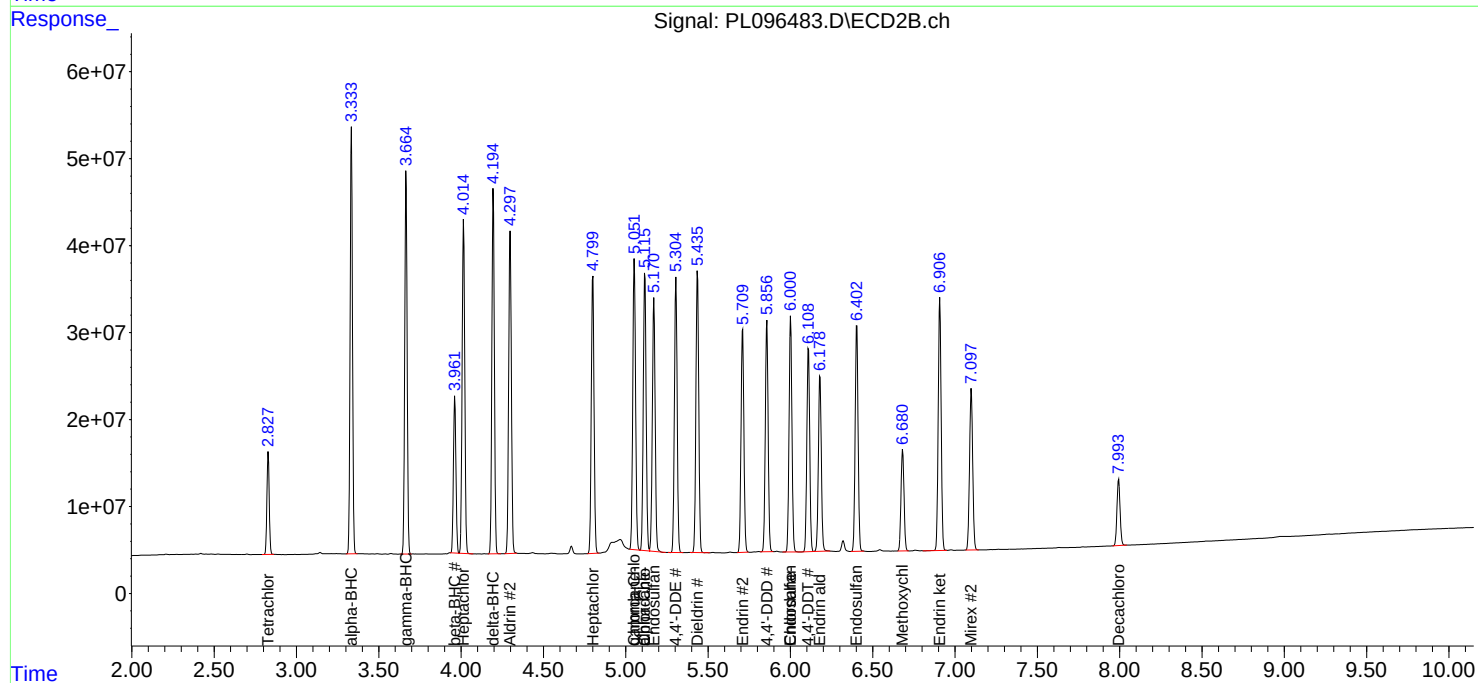
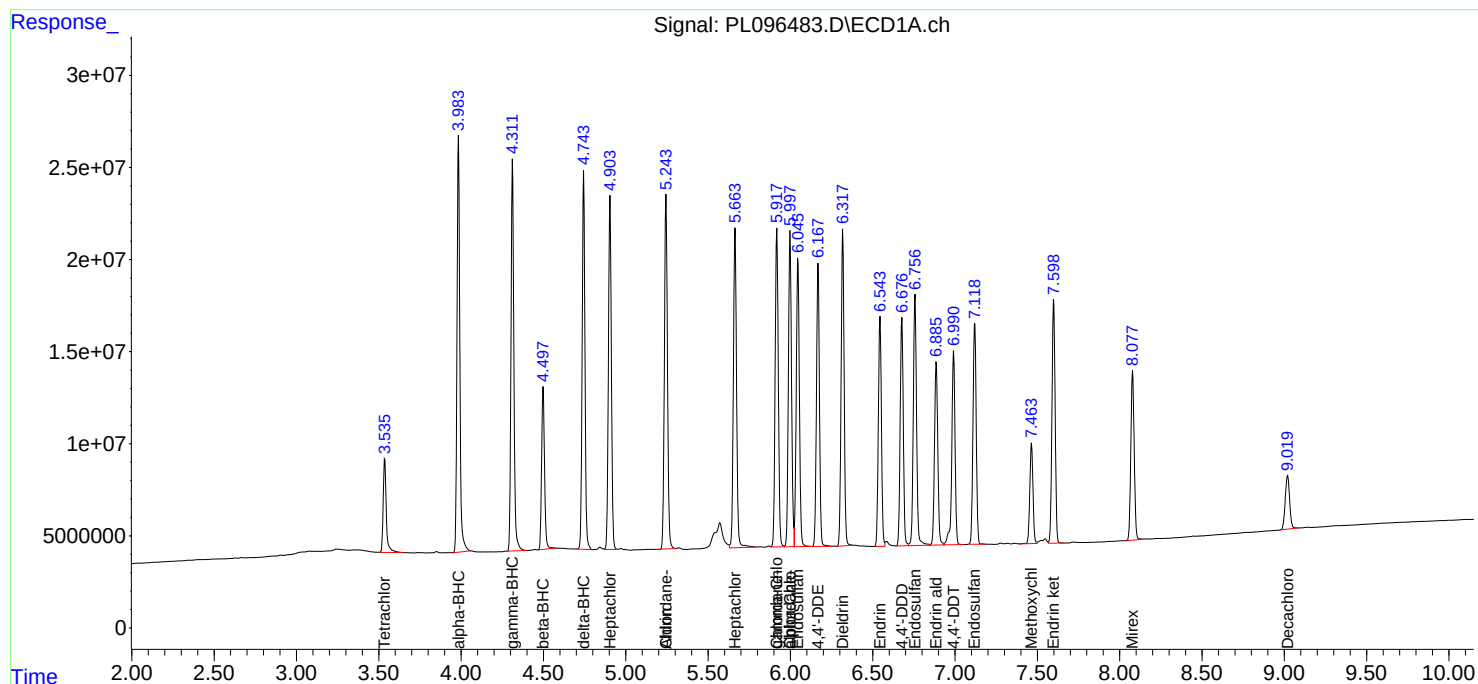
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

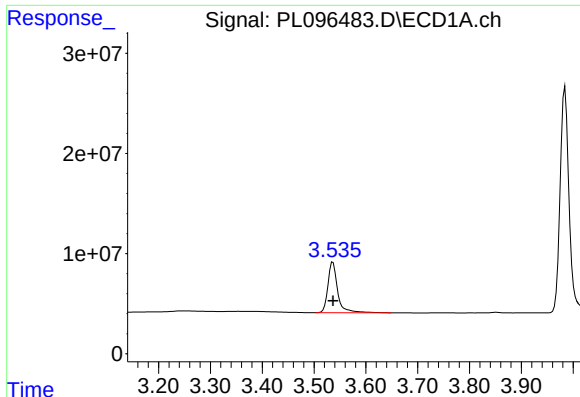
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072125\  
Data File : PL096483.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jul 2025 13:11  
Operator : AR\AJ  
Sample : PB168928BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 22 01:44:10 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

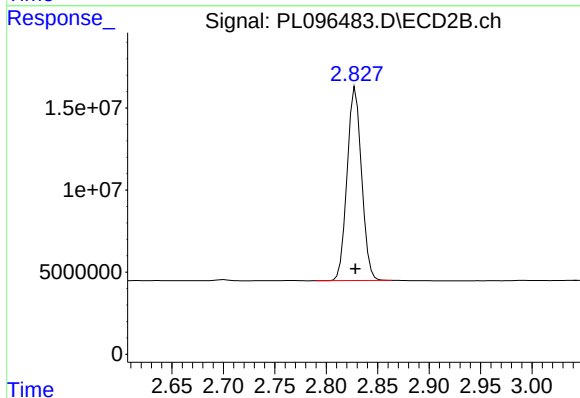




#1 Tetrachloro-m-xylene

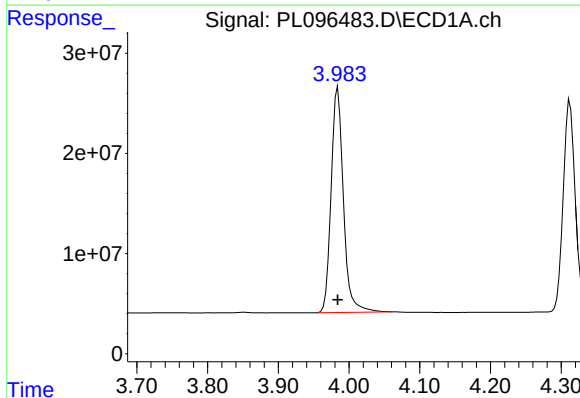
R.T.: 3.536 min  
Delta R.T.: 0.000 min  
Response: 65840225  
Conc: 18.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



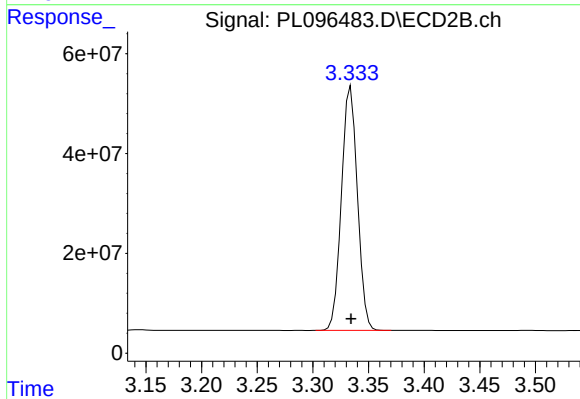
#1 Tetrachloro-m-xylene

R.T.: 2.829 min  
Delta R.T.: 0.000 min  
Response: 115362641  
Conc: 19.99 ng/ml



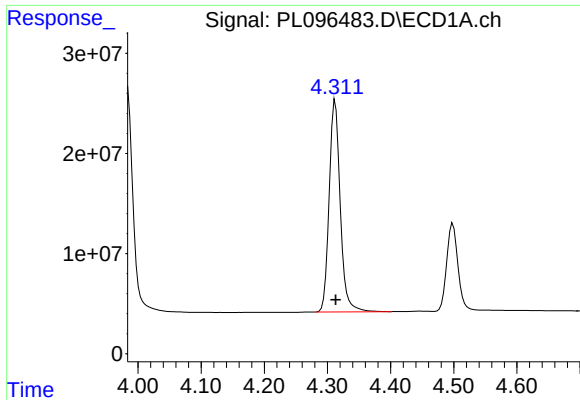
#2 alpha-BHC

R.T.: 3.984 min  
Delta R.T.: 0.000 min  
Response: 271325459  
Conc: 52.75 ng/ml



#2 alpha-BHC

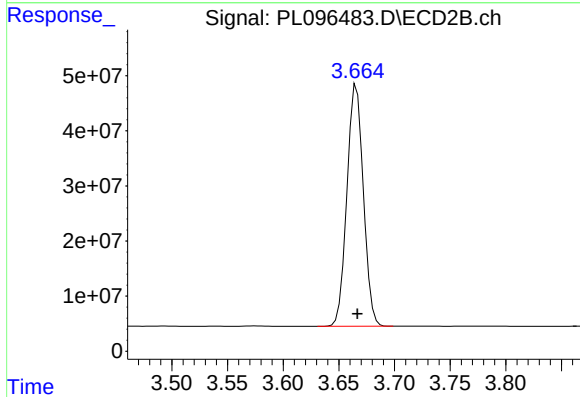
R.T.: 3.334 min  
Delta R.T.: 0.000 min  
Response: 488169760  
Conc: 57.88 ng/ml



#3 gamma-BHC (Lindane)

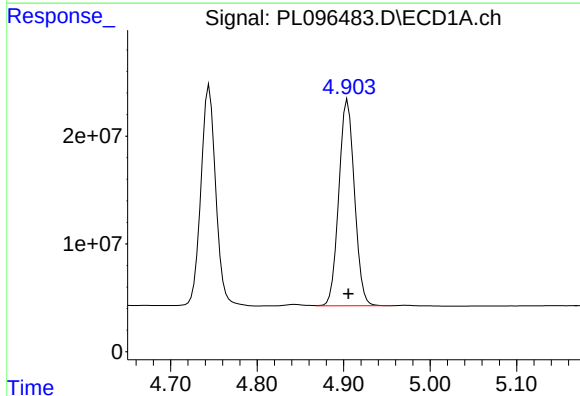
R.T.: 4.312 min  
Delta R.T.: 0.000 min  
Response: 257795098  
Conc: 51.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



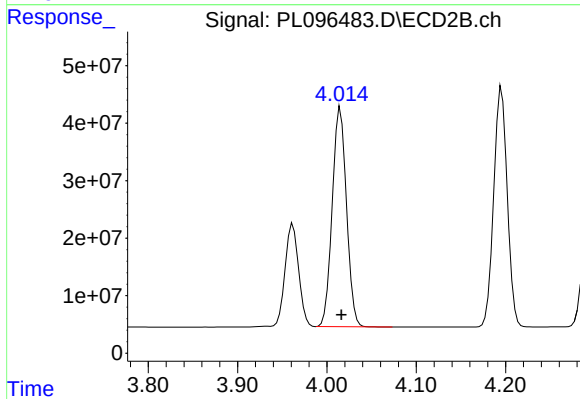
#3 gamma-BHC (Lindane)

R.T.: 3.666 min  
Delta R.T.: 0.000 min  
Response: 450456963  
Conc: 57.19 ng/ml



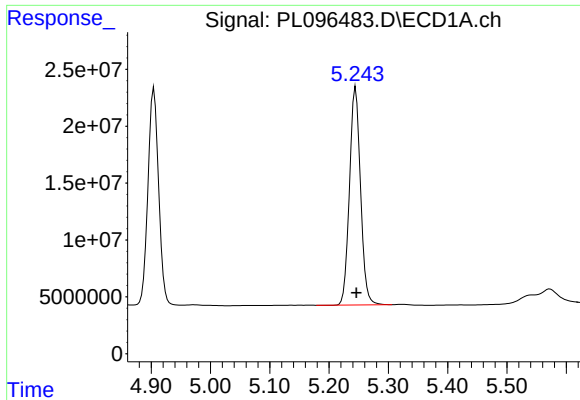
#4 Heptachlor

R.T.: 4.905 min  
Delta R.T.: 0.000 min  
Response: 238602613  
Conc: 52.08 ng/ml



#4 Heptachlor

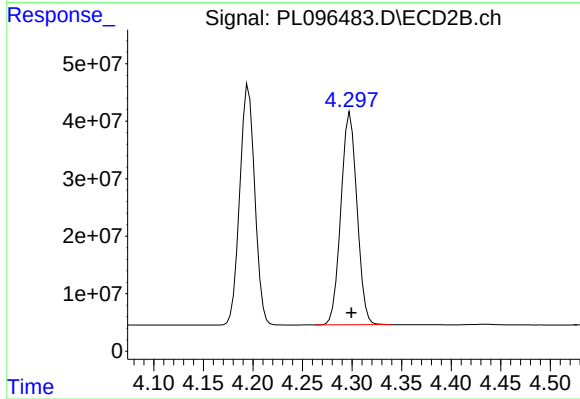
R.T.: 4.015 min  
Delta R.T.: -0.001 min  
Response: 422633027  
Conc: 55.55 ng/ml



#5 Aldrin

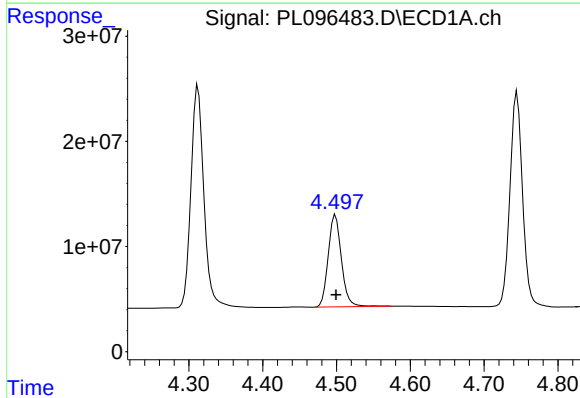
R.T.: 5.245 min  
Delta R.T.: 0.000 min  
Response: 247702895  
Conc: 51.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



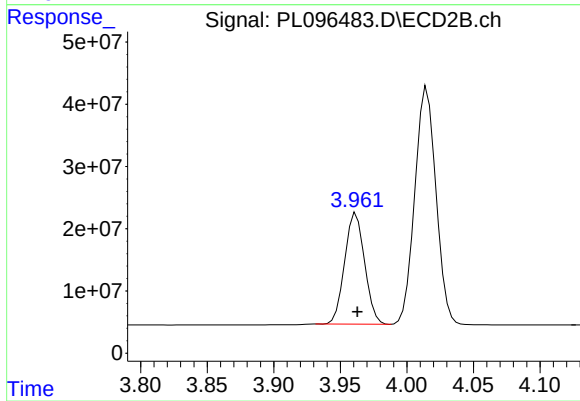
#5 Aldrin

R.T.: 4.298 min  
Delta R.T.: -0.001 min  
Response: 416926591  
Conc: 57.15 ng/ml



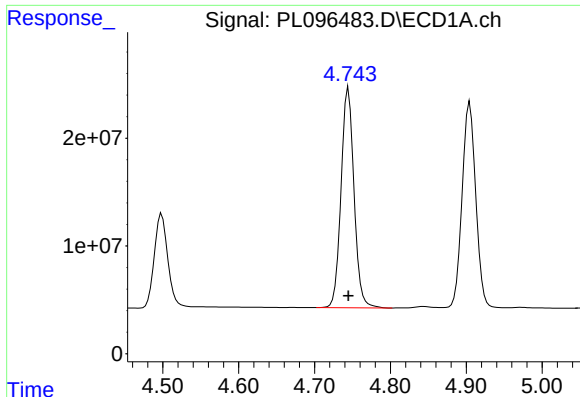
#6 beta-BHC

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 108643210  
Conc: 52.26 ng/ml



#6 beta-BHC

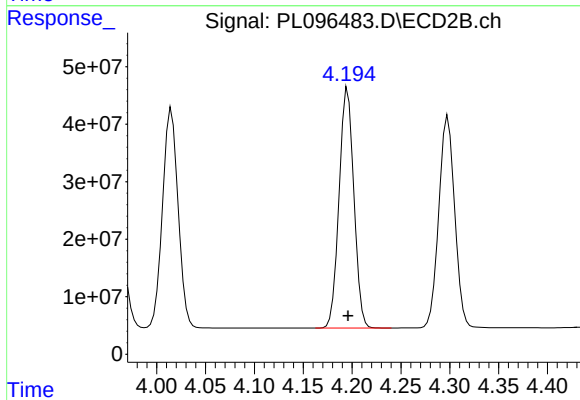
R.T.: 3.962 min  
Delta R.T.: -0.001 min  
Response: 186856275  
Conc: 54.57 ng/ml



#7 delta-BHC

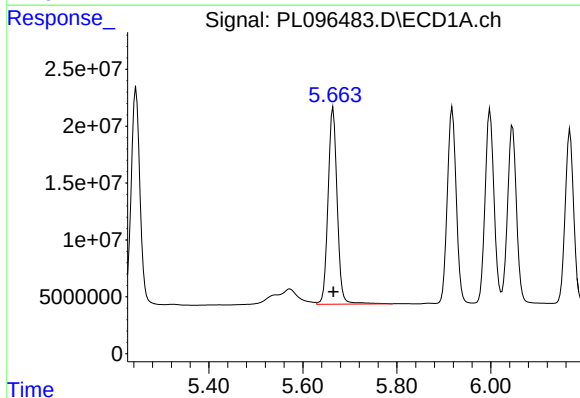
R.T.: 4.745 min  
Delta R.T.: 0.000 min  
Response: 242592359  
Conc: 54.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



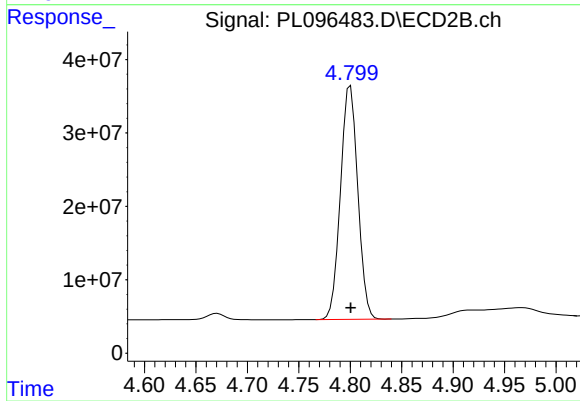
#7 delta-BHC

R.T.: 4.196 min  
Delta R.T.: 0.000 min  
Response: 439746767  
Conc: 57.10 ng/ml



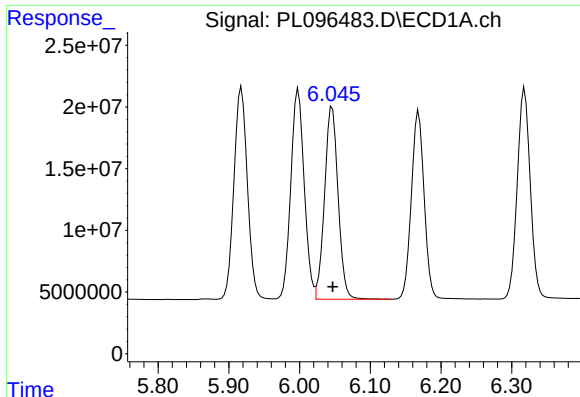
#8 Heptachlor epoxide

R.T.: 5.664 min  
Delta R.T.: 0.000 min  
Response: 233296322  
Conc: 56.23 ng/ml



#8 Heptachlor epoxide

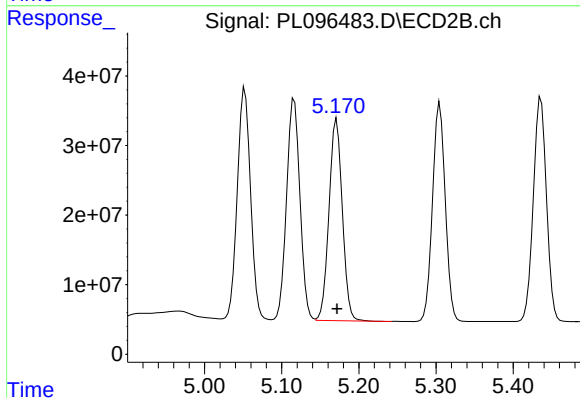
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 373383056  
Conc: 55.85 ng/ml



#9 Endosulfan I

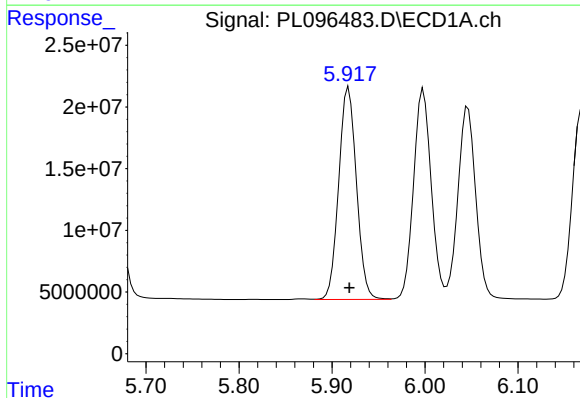
R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 208009218  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



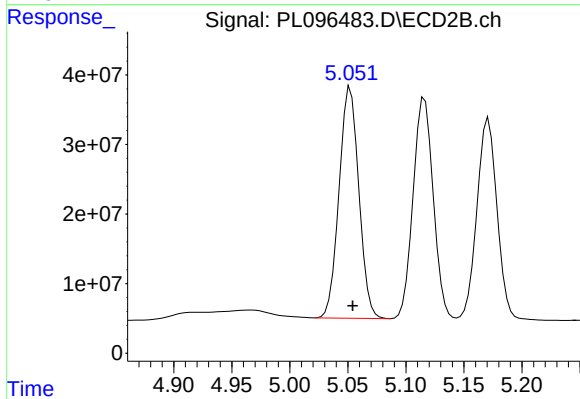
#9 Endosulfan I

R.T.: 5.171 min  
Delta R.T.: 0.000 min  
Response: 348263330  
Conc: 48.54 ng/ml



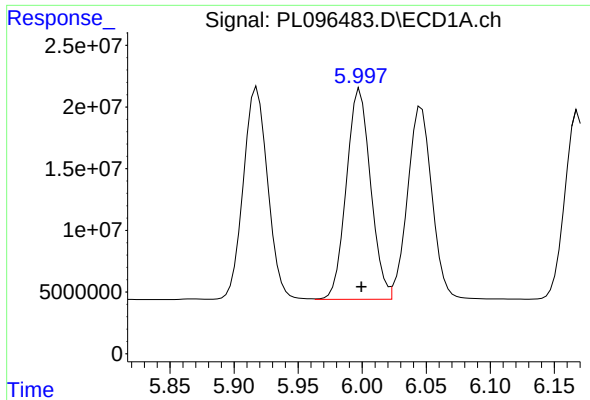
#10 gamma-Chlordane

R.T.: 5.918 min  
Delta R.T.: 0.000 min  
Response: 227972994  
Conc: 51.52 ng/ml



#10 gamma-Chlordane

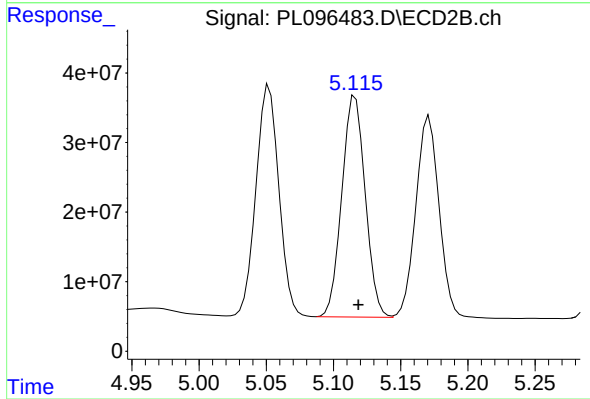
R.T.: 5.052 min  
Delta R.T.: -0.002 min  
Response: 393854845  
Conc: 56.11 ng/ml



#11 alpha-Chlordane

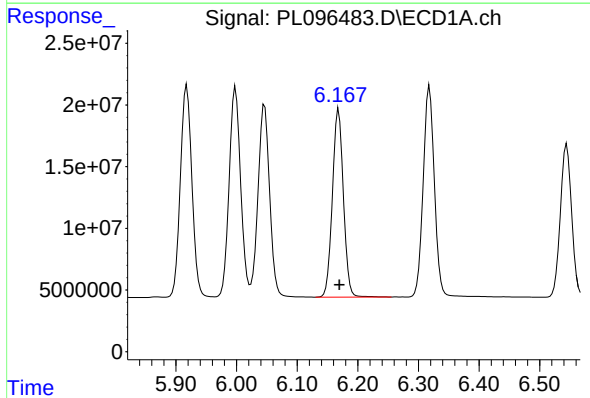
R.T.: 5.998 min  
Delta R.T.: -0.001 min  
Response: 224874516  
Conc: 51.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



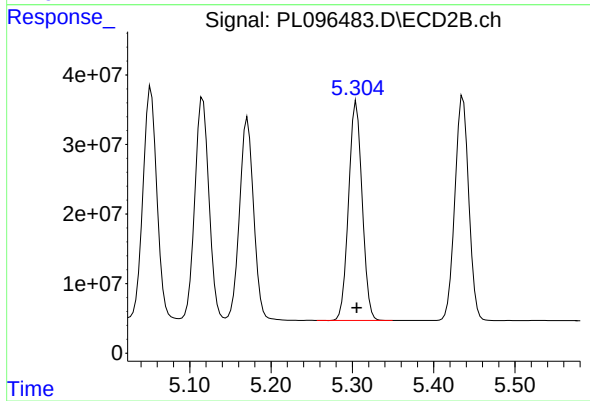
#11 alpha-Chlordane

R.T.: 5.116 min  
Delta R.T.: -0.003 min  
Response: 384027254  
Conc: 51.07 ng/ml



#12 4,4'-DDE

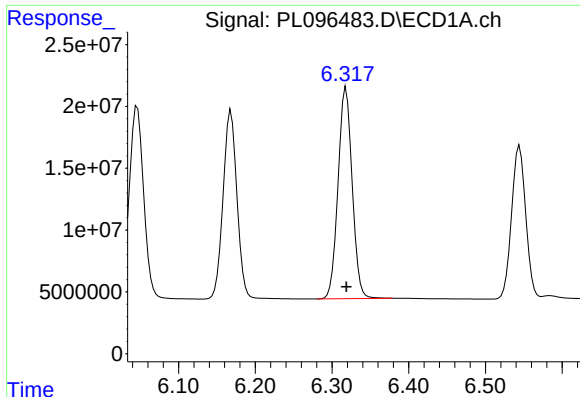
R.T.: 6.168 min  
Delta R.T.: -0.001 min  
Response: 192126665  
Conc: 51.82 ng/ml



#12 4,4'-DDE

R.T.: 5.305 min  
Delta R.T.: 0.000 min  
Response: 363318986  
Conc: 56.21 ng/ml

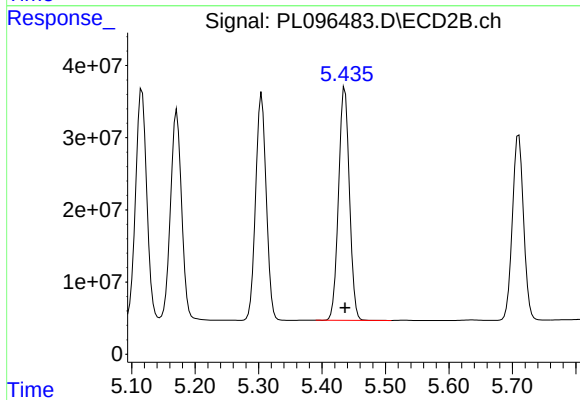




#13 Dieldrin

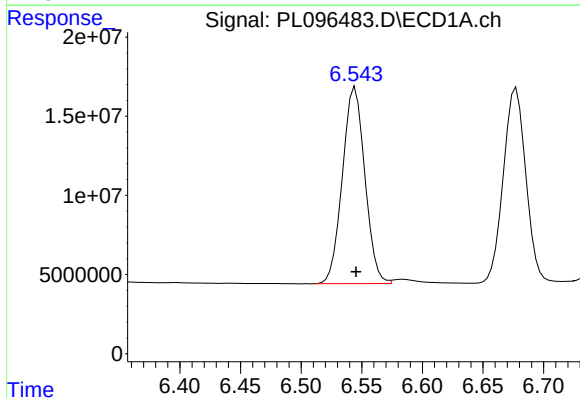
R.T.: 6.318 min  
Delta R.T.: 0.000 min  
Response: 218536738  
Conc: 51.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



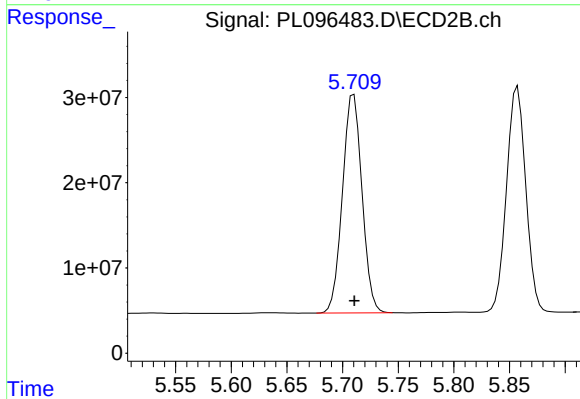
#13 Dieldrin

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 384052488  
Conc: 56.32 ng/ml



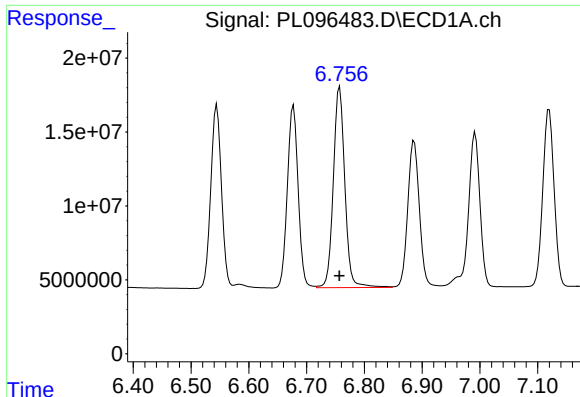
#14 Endrin

R.T.: 6.545 min  
Delta R.T.: 0.000 min  
Response: 159856967  
Conc: 51.40 ng/ml



#14 Endrin

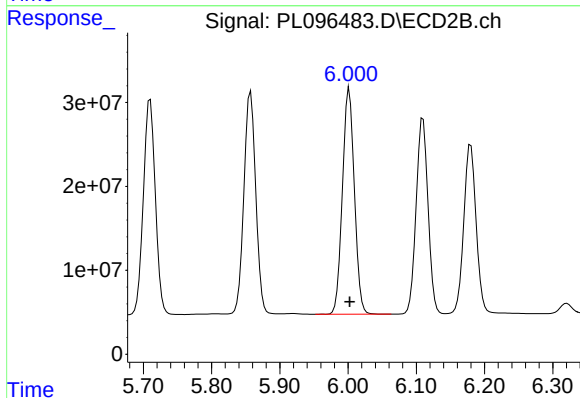
R.T.: 5.710 min  
Delta R.T.: 0.000 min  
Response: 313304354  
Conc: 51.39 ng/ml



#15 Endosulfan II

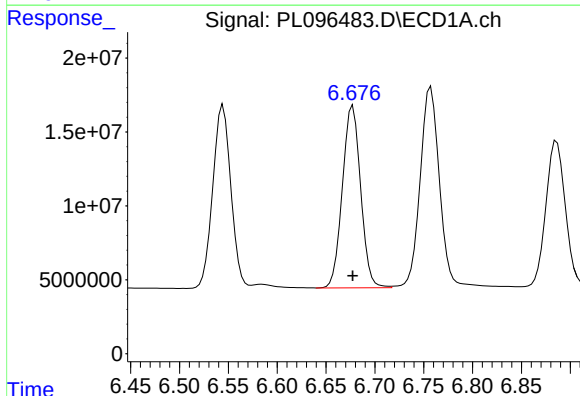
R.T.: 6.757 min  
Delta R.T.: 0.000 min  
Response: 188994475  
Conc: 54.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



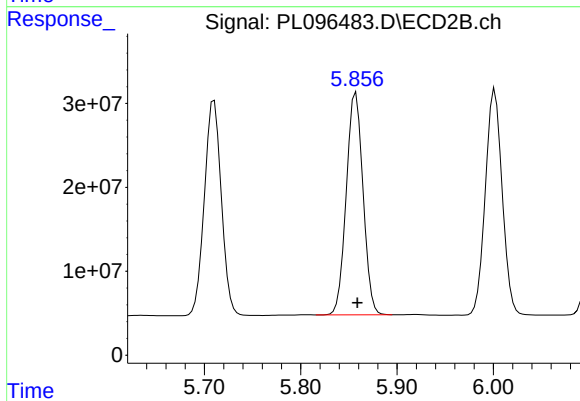
#15 Endosulfan II

R.T.: 6.002 min  
Delta R.T.: 0.000 min  
Response: 327919346  
Conc: 55.92 ng/ml



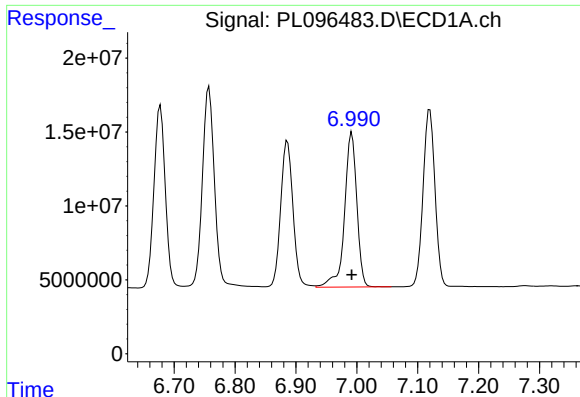
#16 4,4'-DDD

R.T.: 6.677 min  
Delta R.T.: 0.000 min  
Response: 160535496  
Conc: 55.13 ng/ml



#16 4,4'-DDD

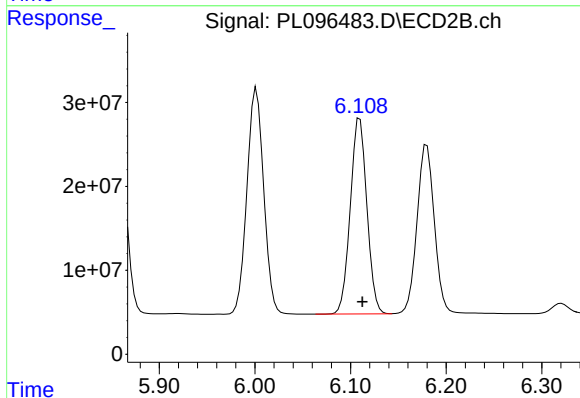
R.T.: 5.857 min  
Delta R.T.: -0.002 min  
Response: 318491712  
Conc: 62.10 ng/ml



#17 4,4'-DDT

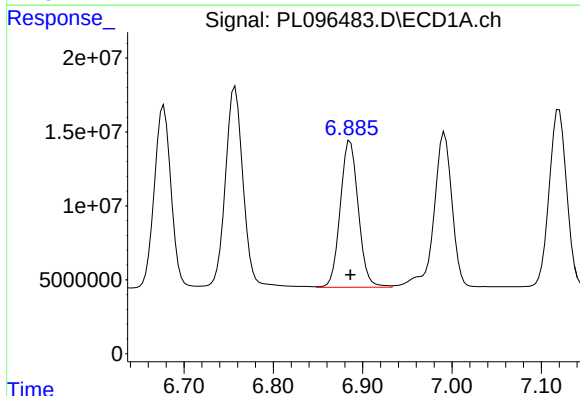
R.T.: 6.992 min  
Delta R.T.: 0.000 min  
Response: 146321943  
Conc: 48.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



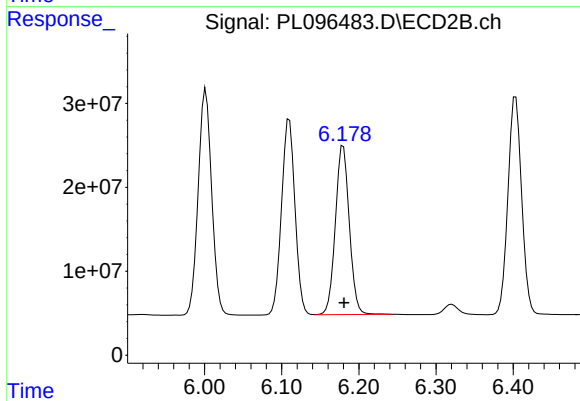
#17 4,4'-DDT

R.T.: 6.110 min  
Delta R.T.: -0.003 min  
Response: 282473485  
Conc: 49.25 ng/ml



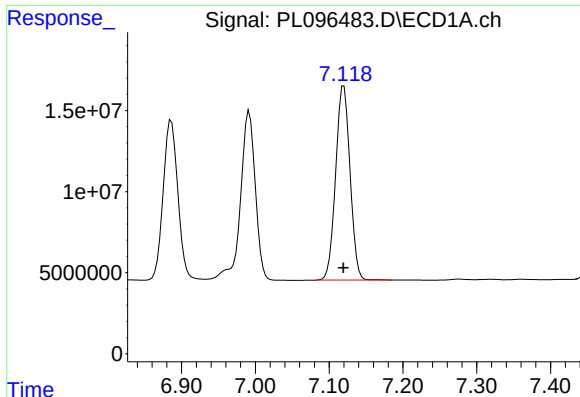
#18 Endrin aldehyde

R.T.: 6.886 min  
Delta R.T.: 0.000 min  
Response: 138944664  
Conc: 62.15 ng/ml



#18 Endrin aldehyde

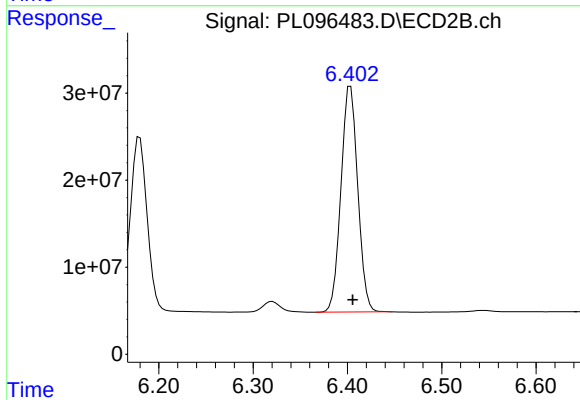
R.T.: 6.180 min  
Delta R.T.: -0.001 min  
Response: 253466950  
Conc: 56.90 ng/ml



#19 Endosulfan Sulfate

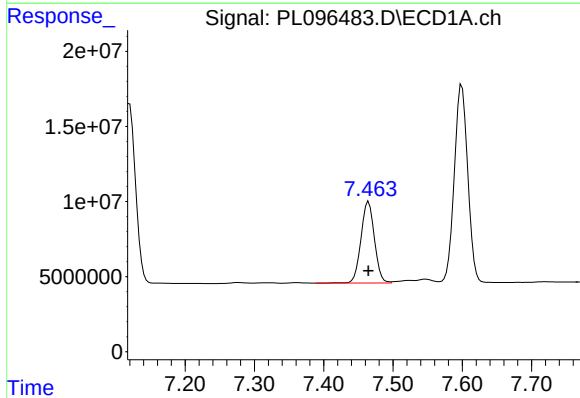
R.T.: 7.120 min  
Delta R.T.: 0.000 min  
Response: 162655714  
Conc: 53.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



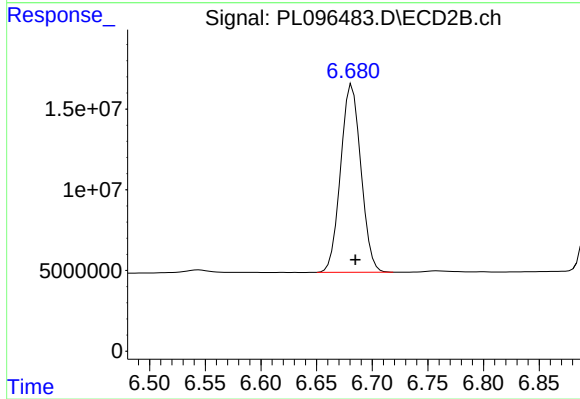
#19 Endosulfan Sulfate

R.T.: 6.403 min  
Delta R.T.: -0.002 min  
Response: 321186546  
Conc: 57.11 ng/ml



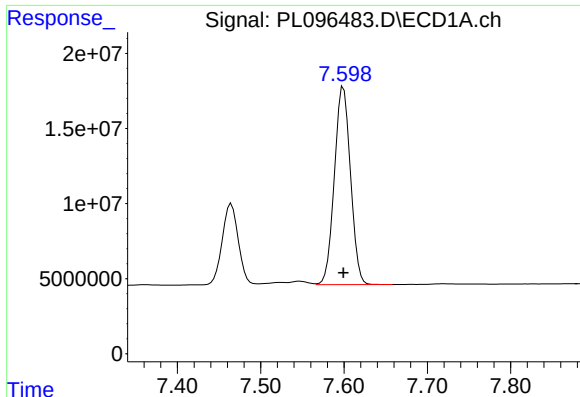
#20 Methoxychlor

R.T.: 7.465 min  
Delta R.T.: 0.000 min  
Response: 73066617  
Conc: 46.38 ng/ml



#20 Methoxychlor

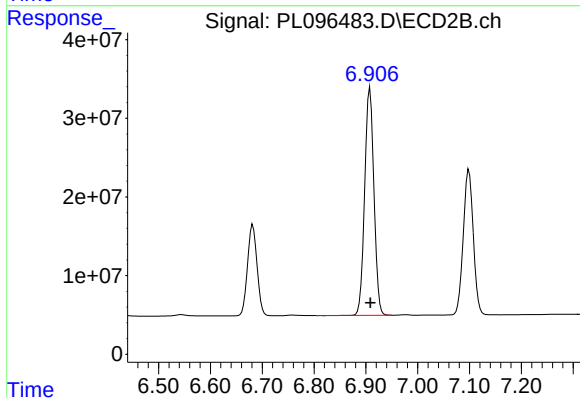
R.T.: 6.682 min  
Delta R.T.: -0.003 min  
Response: 147731506  
Conc: 48.63 ng/ml



#21 Endrin ketone

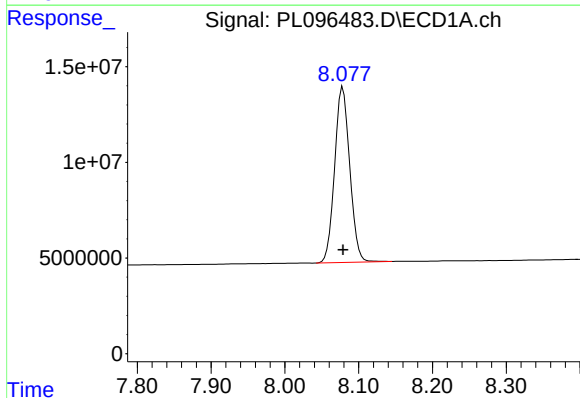
R.T.: 7.599 min  
Delta R.T.: 0.000 min  
Response: 177549351  
Conc: 53.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



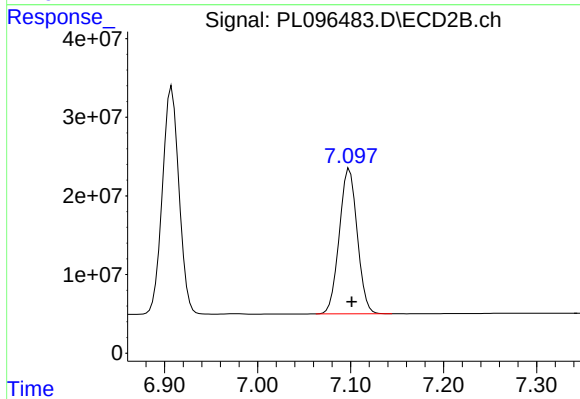
#21 Endrin ketone

R.T.: 6.908 min  
Delta R.T.: -0.001 min  
Response: 359305948  
Conc: 57.47 ng/ml



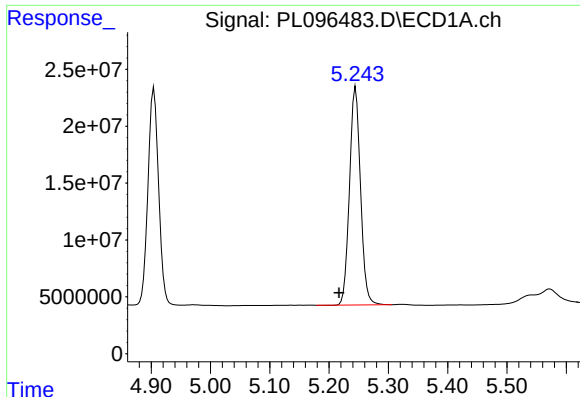
#22 Mirex

R.T.: 8.079 min  
Delta R.T.: 0.000 min  
Response: 130747302  
Conc: 46.99 ng/ml



#22 Mirex

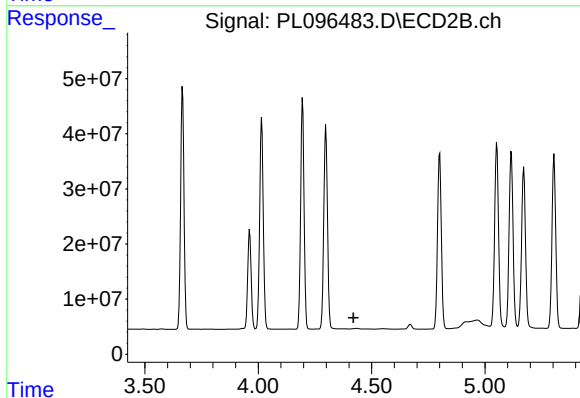
R.T.: 7.099 min  
Delta R.T.: -0.002 min  
Response: 247802718  
Conc: 49.88 ng/ml



#24 Chlordane-2

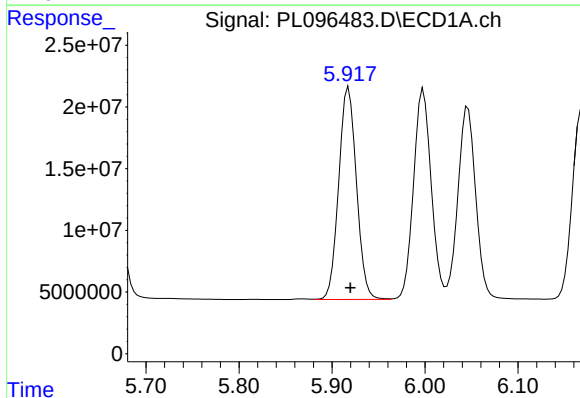
R.T.: 5.245 min  
Delta R.T.: 0.028 min  
Response: 247702895  
Conc: 1265.21 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



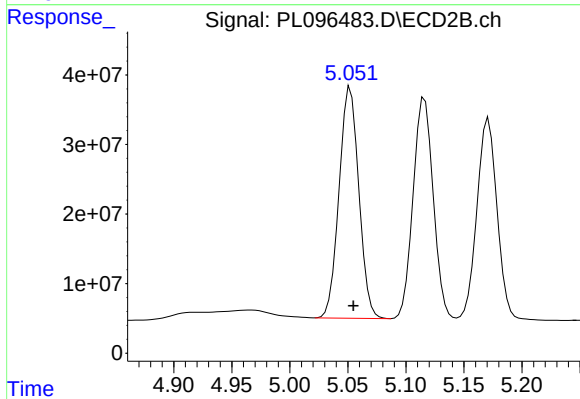
#24 Chlordane-2

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



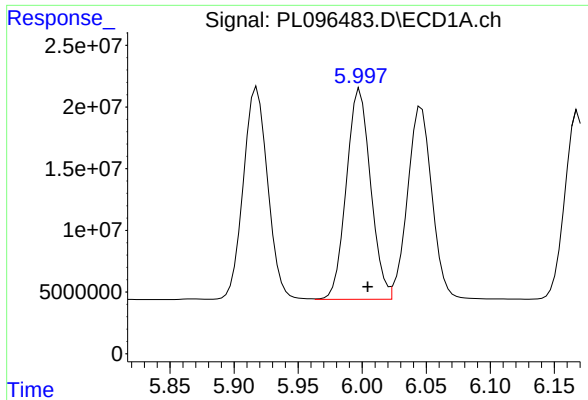
#25 Chlordane-3

R.T.: 5.918 min  
Delta R.T.: -0.002 min  
Response: 227972994  
Conc: 309.43 ng/ml



#25 Chlordane-3

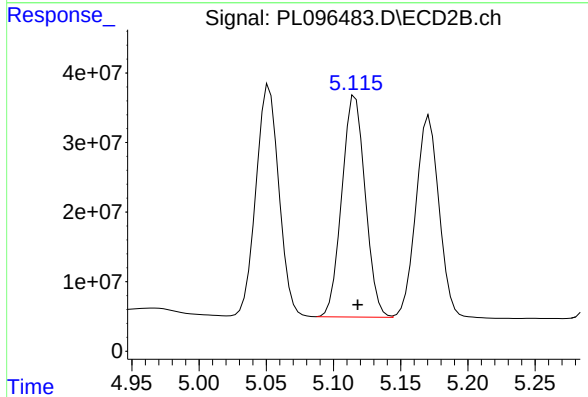
R.T.: 5.052 min  
Delta R.T.: -0.003 min  
Response: 393854845  
Conc: 489.54 ng/ml



#26 Chlordane-4

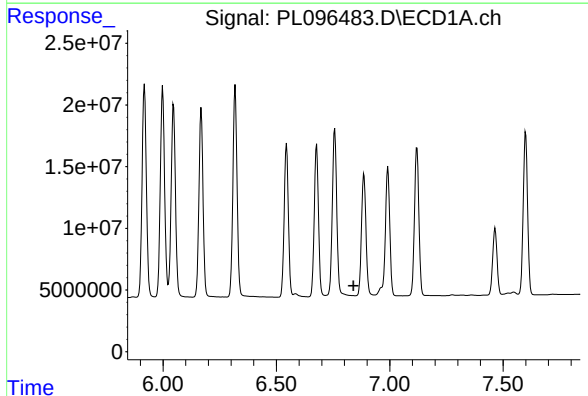
R.T.: 5.998 min  
Delta R.T.: -0.006 min  
Response: 224874516  
Conc: 250.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



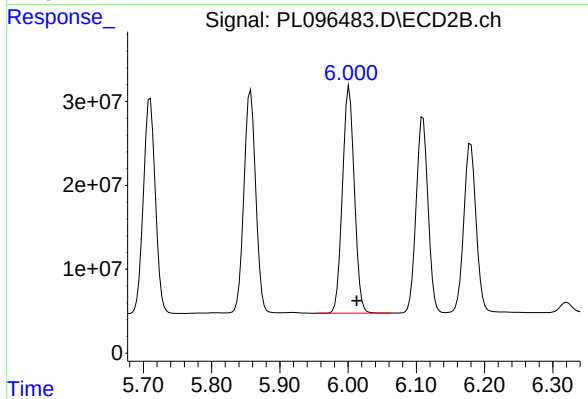
#26 Chlordane-4

R.T.: 5.116 min  
Delta R.T.: -0.002 min  
Response: 384027254  
Conc: 511.06 ng/ml



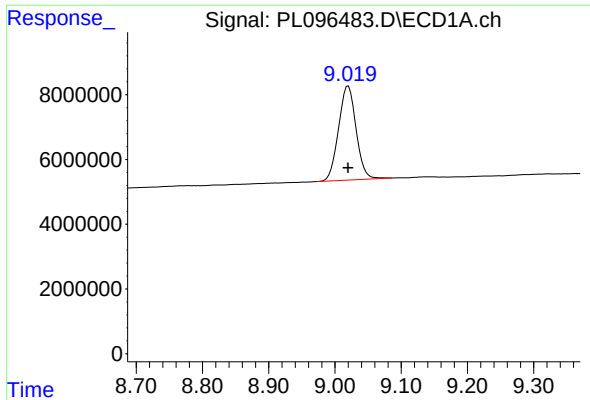
#27 Chlordane-5

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



#27 Chlordane-5

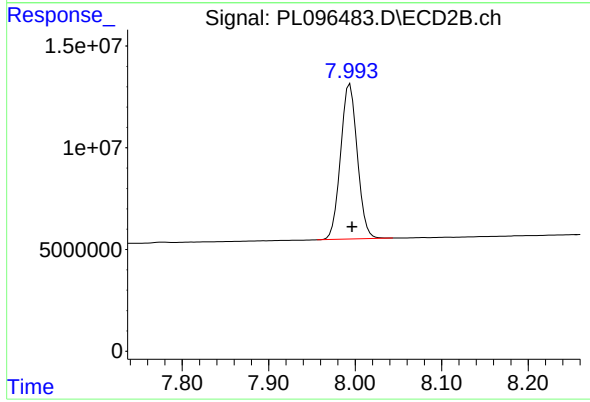
R.T.: 6.002 min  
Delta R.T.: -0.011 min  
Response: 327919346  
Conc: 1156.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min  
Delta R.T.: 0.000 min  
Response: 53454518  
Conc: 19.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.994 min  
Delta R.T.: -0.003 min  
Response: 101829706  
Conc: 20.42 ng/ml