

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071825\  
 Data File : PL096453.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jul 2025 11:48  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 18 23:23:41 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  | 2.828 | 192.2E6  | 317.5E6 | 52.661   | 55.022     |
| 28)                         | SA Decachlor... | 9.018  | 7.992 | 131.2E6  | 243.4E6 | 46.647   | 48.810     |
| Target Compounds            |                 |        |       |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.984  | 3.334 | 279.3E6  | 479.2E6 | 54.314   | 56.810     |
| 3)                          | MA gamma-BHC... | 4.312  | 3.665 | 268.0E6  | 441.9E6 | 53.826   | 56.107     |
| 4)                          | MA Heptachlor   | 4.904  | 4.015 | 243.4E6  | 422.5E6 | 53.120   | 55.538     |
| 5)                          | MB Aldrin       | 5.244  | 4.298 | 251.0E6  | 406.4E6 | 51.926   | 55.711     |
| 6)                          | B beta-BHC      | 4.498  | 3.962 | 111.9E6  | 187.9E6 | 53.825   | 54.878     |
| 7)                          | B delta-BHC     | 4.744  | 4.195 | 250.3E6  | 435.4E6 | 55.855   | 56.536     |
| 8)                          | B Heptachlo...  | 5.663  | 4.799 | 225.6E6  | 363.5E6 | 54.376   | 54.375     |
| 9)                          | A Endosulfan I  | 6.045  | 5.170 | 207.2E6  | 335.3E6 | 51.314   | 46.738     |
| 10)                         | B gamma-Chl...  | 5.917  | 5.051 | 229.2E6  | 383.3E6 | 51.789   | 54.598     |
| 11)                         | B alpha-Chl...  | 5.998  | 5.115 | 225.3E6  | 374.1E6 | 51.446   | 49.740     |
| 12)                         | B 4,4'-DDE      | 6.168  | 5.304 | 190.8E6  | 352.8E6 | 51.456   | 54.587     |
| 13)                         | MA Dieldrin     | 6.317  | 5.434 | 217.6E6  | 369.9E6 | 51.462   | 54.243     |
| 14)                         | MA Endrin       | 6.544  | 5.709 | 170.7E6  | 339.0E6 | 54.893   | 55.606     |
| 15)                         | B Endosulfa...  | 6.756  | 6.001 | 190.3E6  | 315.7E6 | 54.849   | 53.833     |
| 16)                         | A 4,4'-DDD      | 6.676  | 5.856 | 156.1E6  | 297.0E6 | 53.622   | 57.910     |
| 17)                         | MA 4,4'-DDT     | 6.990  | 6.109 | 156.0E6  | 290.3E6 | 51.403   | 50.617     |
| 18)                         | B Endrin al...  | 6.885  | 6.179 | 132.3E6  | 236.3E6 | 59.167   | 53.046     |
| 19)                         | B Endosulfa...  | 7.118  | 6.402 | 158.6E6  | 308.6E6 | 51.863   | 54.863     |
| 20)                         | A Methoxychlor  | 7.463  | 6.681 | 77955576 | 152.0E6 | 49.483   | 50.050     |
| 21)                         | B Endrin ke...  | 7.598  | 6.907 | 166.5E6  | 334.6E6 | 50.430   | 53.524     |
| 22)                         | Mirex           | 8.077  | 7.097 | 136.8E6  | 255.1E6 | 49.172   | 51.345     |
| 24)                         | Chlordane-2     | 5.244f | 0.000 | 251.0E6  | 0       | 1282.039 | N.D. #     |
| 25)                         | Chlordane-3     | 5.917  | 5.051 | 229.2E6  | 383.3E6 | 311.037  | 476.372 #  |
| 26)                         | Chlordane-4     | 5.998  | 5.115 | 225.3E6  | 374.1E6 | 251.080  | 497.800 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.001 | 0        | 315.7E6 | N.D.     | 1113.680 # |
| -----                       |                 |        |       |          |         |          |            |

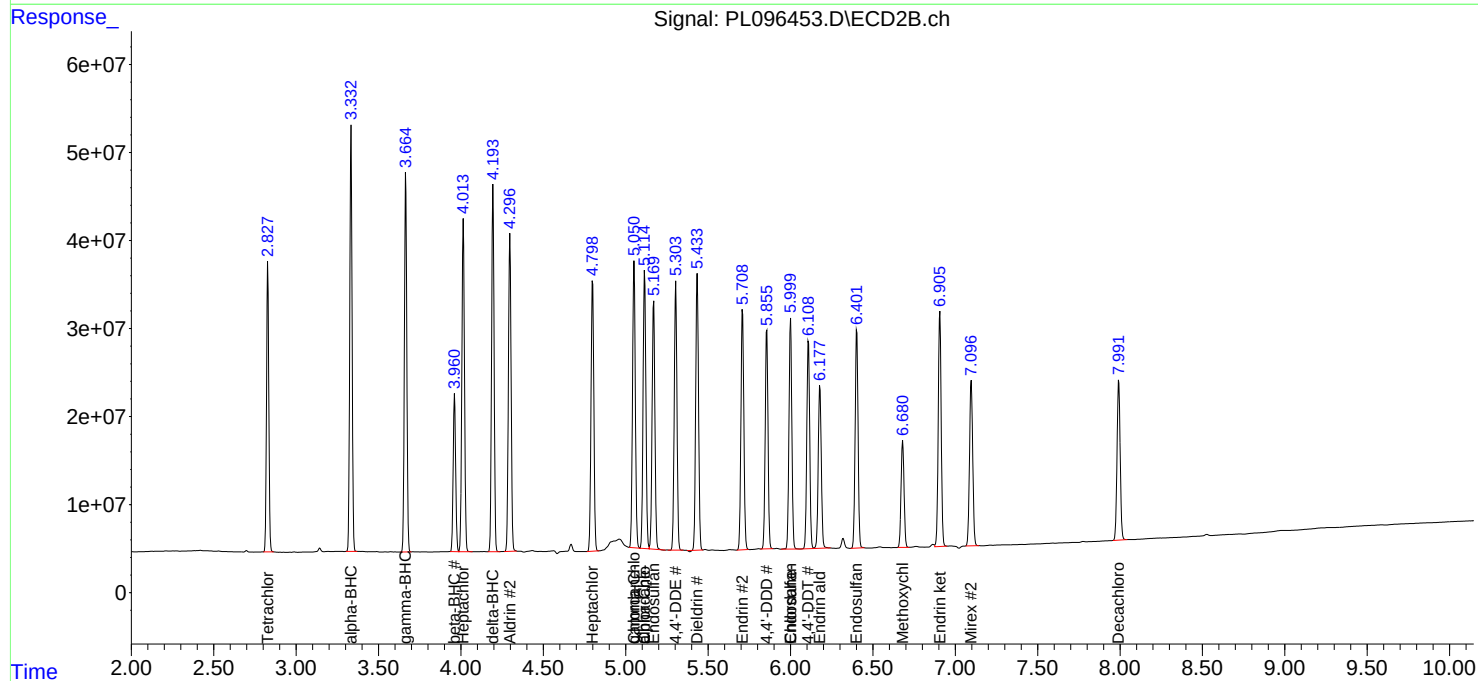
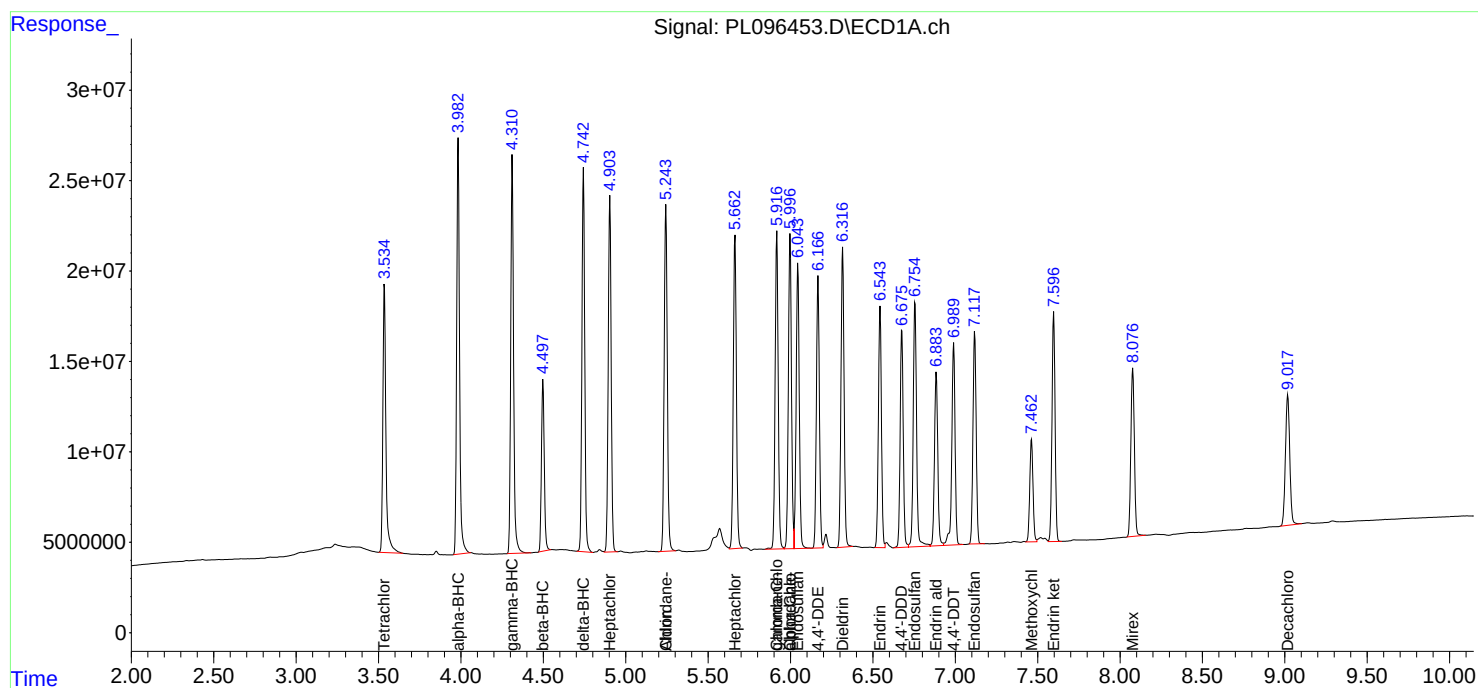
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

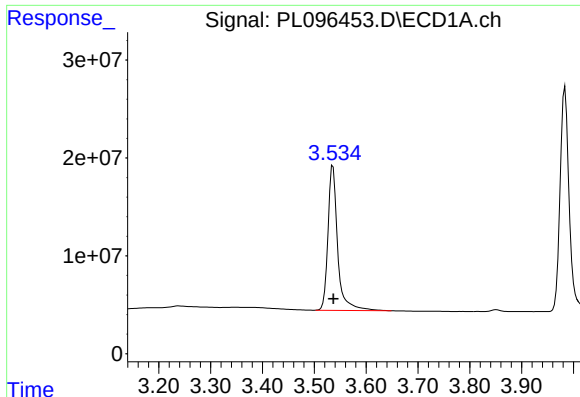
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071825\  
Data File : PL096453.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jul 2025 11:48  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 18 23:23:41 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

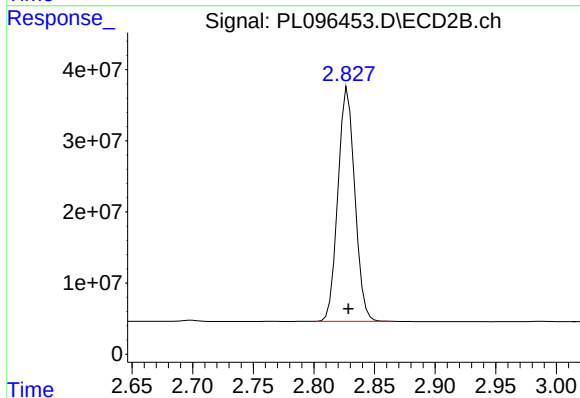




#1 Tetrachloro-m-xylene

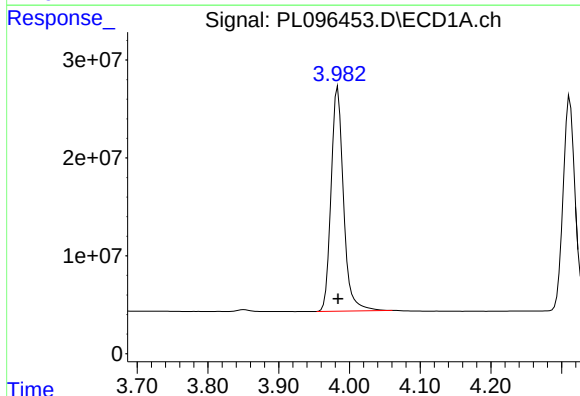
R.T.: 3.536 min  
Delta R.T.: -0.001 min  
Response: 192158802  
Conc: 52.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



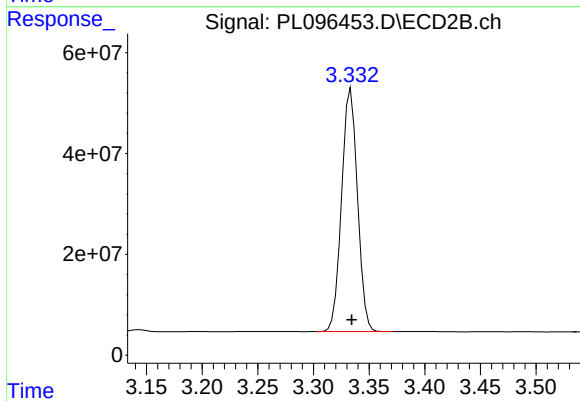
#1 Tetrachloro-m-xylene

R.T.: 2.828 min  
Delta R.T.: 0.000 min  
Response: 317545572  
Conc: 55.02 ng/ml



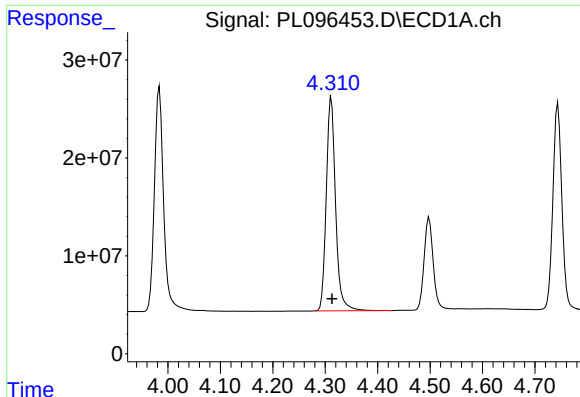
#2 alpha-BHC

R.T.: 3.984 min  
Delta R.T.: 0.000 min  
Response: 279345752  
Conc: 54.31 ng/ml



#2 alpha-BHC

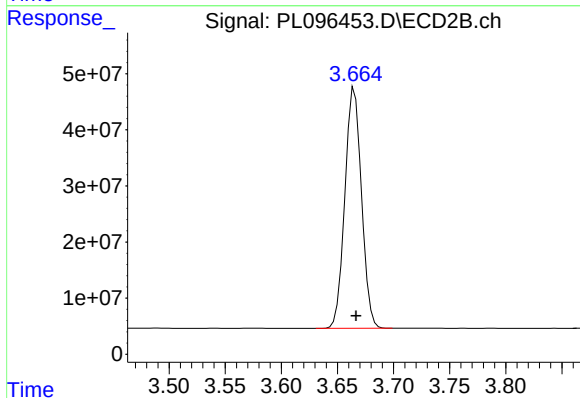
R.T.: 3.334 min  
Delta R.T.: 0.000 min  
Response: 479155479  
Conc: 56.81 ng/ml



#3 gamma-BHC (Lindane)

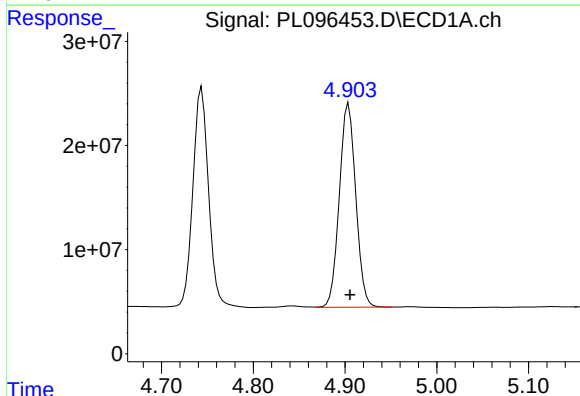
R.T.: 4.312 min  
Delta R.T.: -0.001 min  
Response: 268032113  
Conc: 53.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



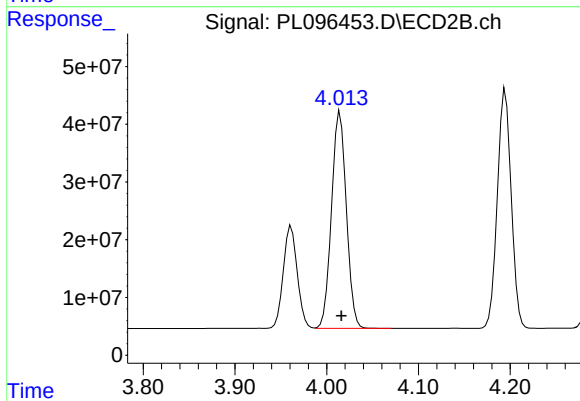
#3 gamma-BHC (Lindane)

R.T.: 3.665 min  
Delta R.T.: -0.001 min  
Response: 441889571  
Conc: 56.11 ng/ml



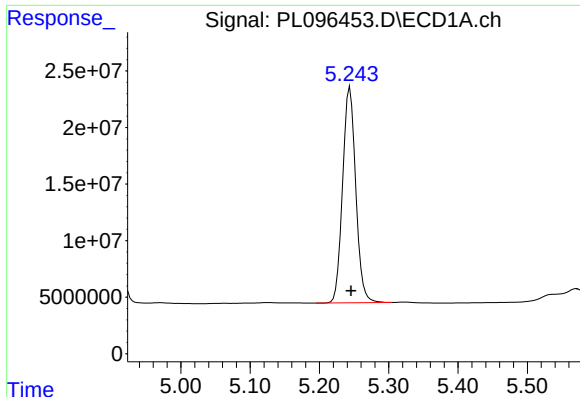
#4 Heptachlor

R.T.: 4.904 min  
Delta R.T.: -0.001 min  
Response: 243355298  
Conc: 53.12 ng/ml



#4 Heptachlor

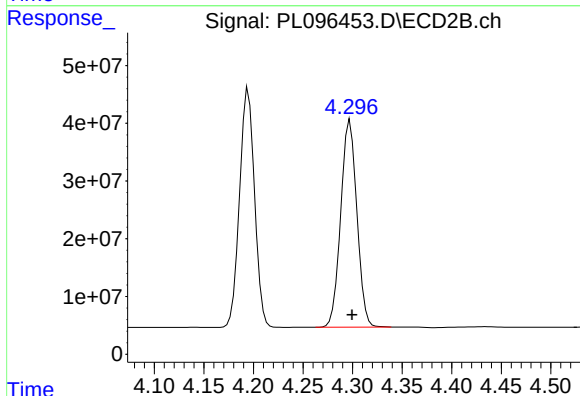
R.T.: 4.015 min  
Delta R.T.: -0.002 min  
Response: 422517920  
Conc: 55.54 ng/ml



#5 Aldrin

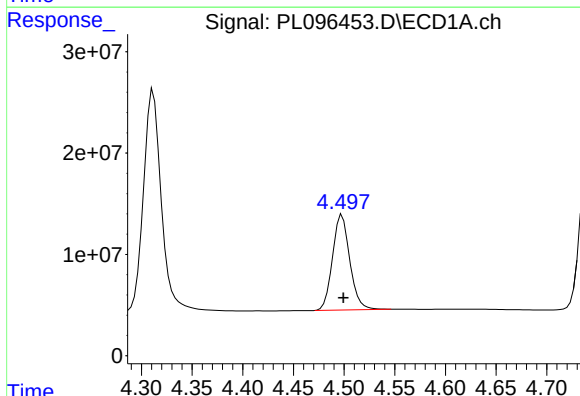
R.T.: 5.244 min  
Delta R.T.: -0.002 min  
Response: 250997751  
Conc: 51.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



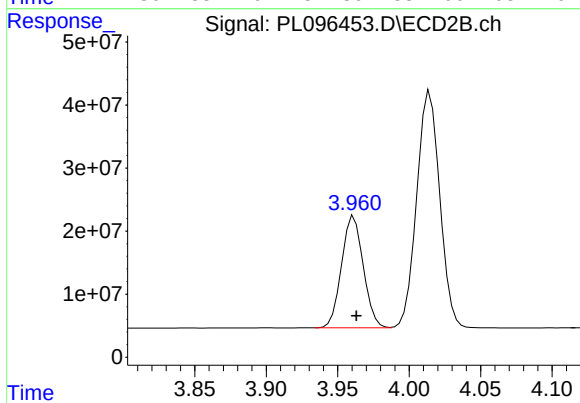
#5 Aldrin

R.T.: 4.298 min  
Delta R.T.: -0.002 min  
Response: 406446254  
Conc: 55.71 ng/ml



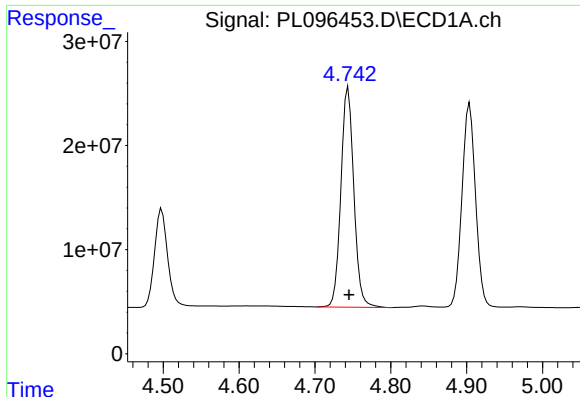
#6 beta-BHC

R.T.: 4.498 min  
Delta R.T.: -0.001 min  
Response: 111892018  
Conc: 53.83 ng/ml



#6 beta-BHC

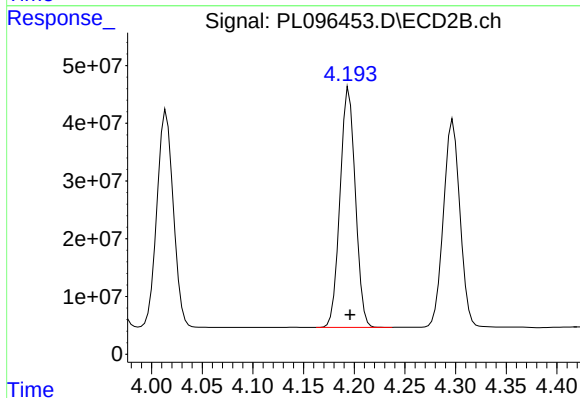
R.T.: 3.962 min  
Delta R.T.: -0.002 min  
Response: 187895765  
Conc: 54.88 ng/ml



#7 delta-BHC

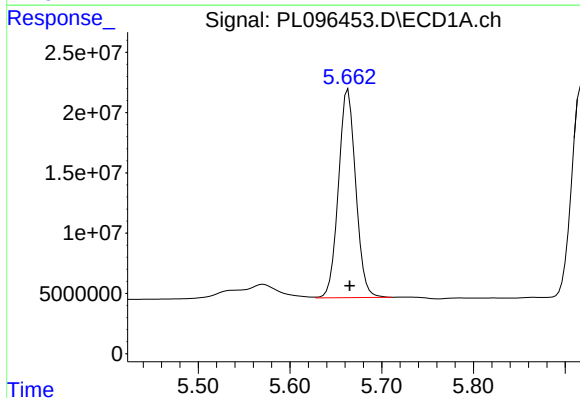
R.T.: 4.744 min  
Delta R.T.: 0.000 min  
Response: 250305348  
Conc: 55.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



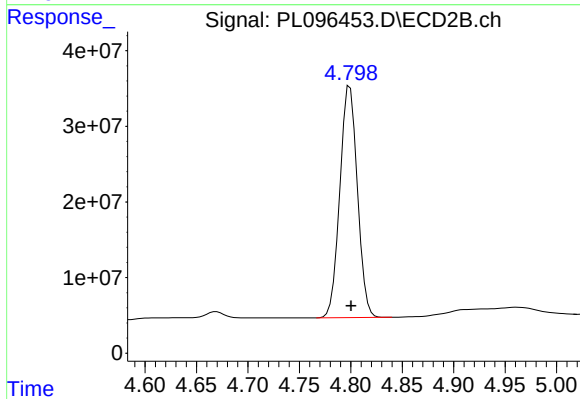
#7 delta-BHC

R.T.: 4.195 min  
Delta R.T.: -0.001 min  
Response: 435436280  
Conc: 56.54 ng/ml



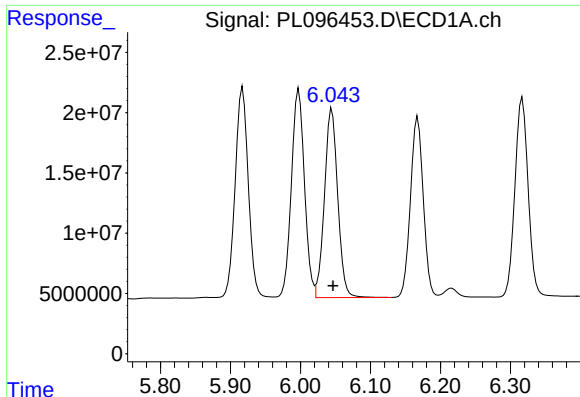
#8 Heptachlor epoxide

R.T.: 5.663 min  
Delta R.T.: -0.002 min  
Response: 225616509  
Conc: 54.38 ng/ml



#8 Heptachlor epoxide

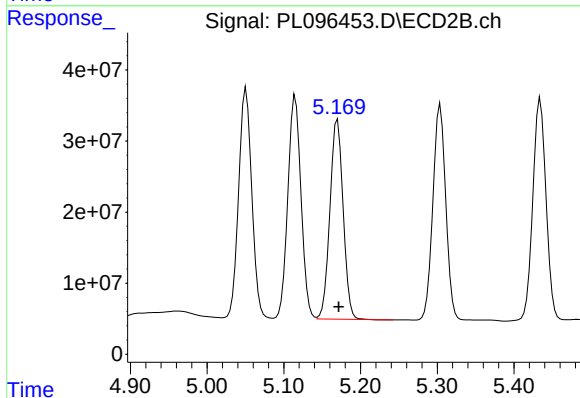
R.T.: 4.799 min  
Delta R.T.: -0.001 min  
Response: 363488929  
Conc: 54.37 ng/ml



#9 Endosulfan I

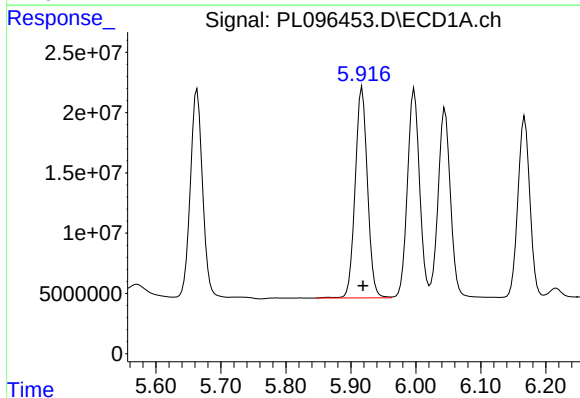
R.T.: 6.045 min  
Delta R.T.: -0.002 min  
Response: 207166953  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



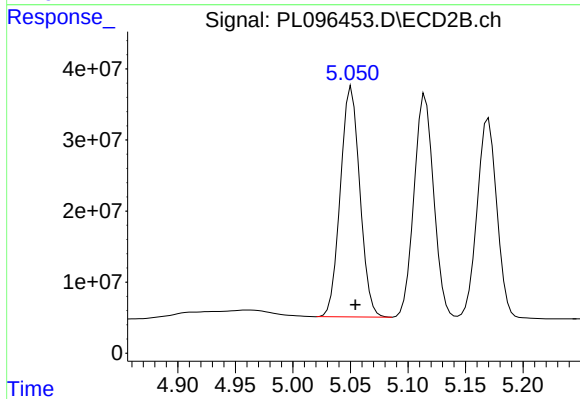
#9 Endosulfan I

R.T.: 5.170 min  
Delta R.T.: -0.002 min  
Response: 335302810  
Conc: 46.74 ng/ml



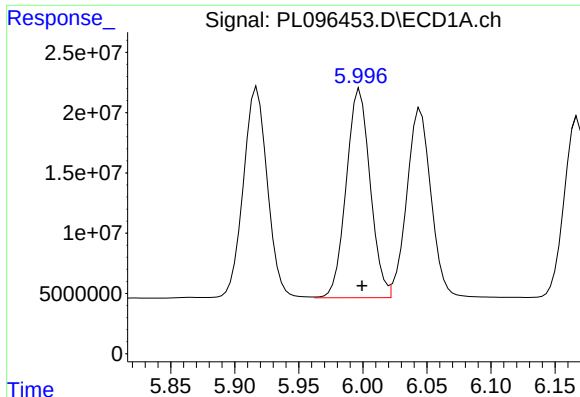
#10 gamma-Chlordane

R.T.: 5.917 min  
Delta R.T.: -0.001 min  
Response: 229157998  
Conc: 51.79 ng/ml



#10 gamma-Chlordane

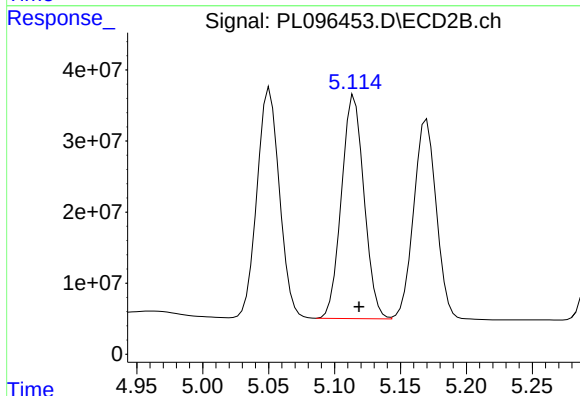
R.T.: 5.051 min  
Delta R.T.: -0.003 min  
Response: 383259422  
Conc: 54.60 ng/ml



#11 alpha-Chlordane

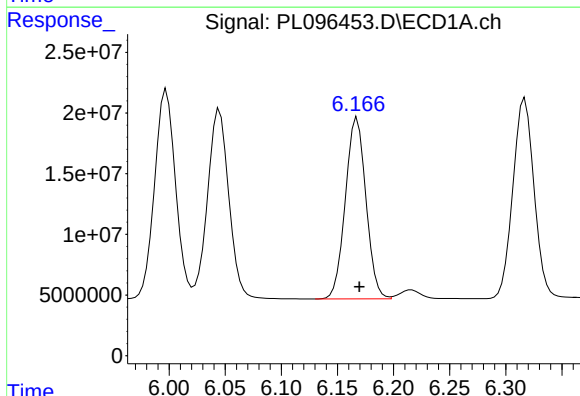
R.T.: 5.998 min  
Delta R.T.: -0.002 min  
Response: 225276014  
Conc: 51.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



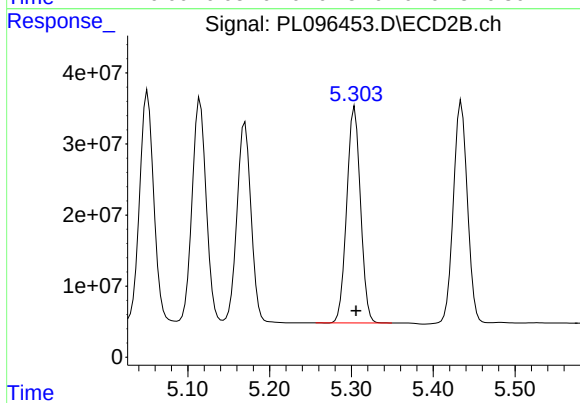
#11 alpha-Chlordane

R.T.: 5.115 min  
Delta R.T.: -0.004 min  
Response: 374059921  
Conc: 49.74 ng/ml



#12 4,4'-DDE

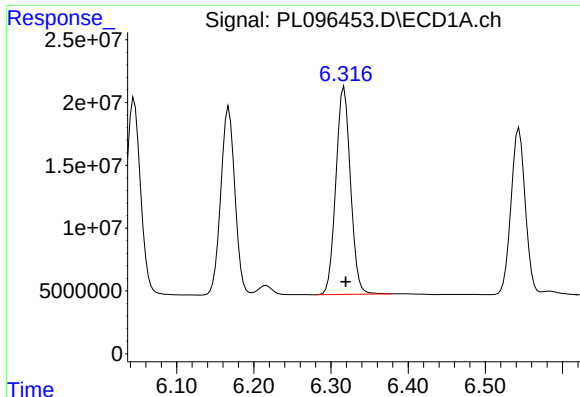
R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 190773098  
Conc: 51.46 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min  
Delta R.T.: -0.002 min  
Response: 352831877  
Conc: 54.59 ng/ml

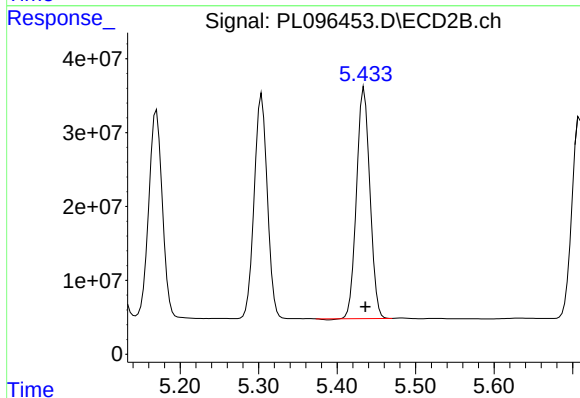




#13 Dieldrin

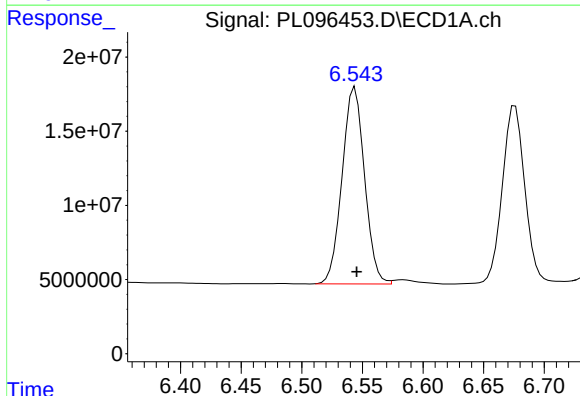
R.T.: 6.317 min  
Delta R.T.: -0.002 min  
Response: 217603995  
Conc: 51.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



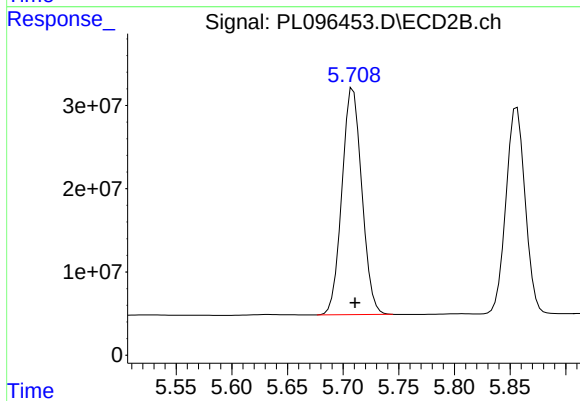
#13 Dieldrin

R.T.: 5.434 min  
Delta R.T.: -0.002 min  
Response: 369895708  
Conc: 54.24 ng/ml



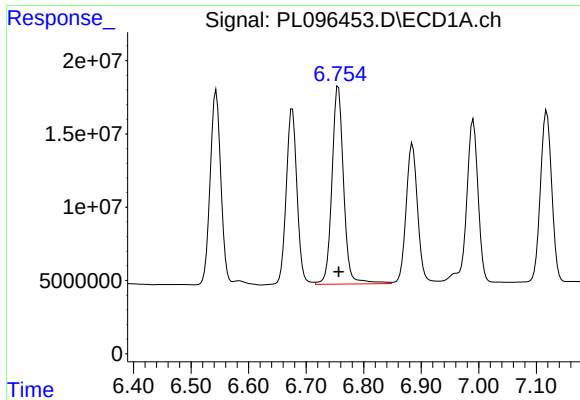
#14 Endrin

R.T.: 6.544 min  
Delta R.T.: -0.001 min  
Response: 170727279  
Conc: 54.89 ng/ml



#14 Endrin

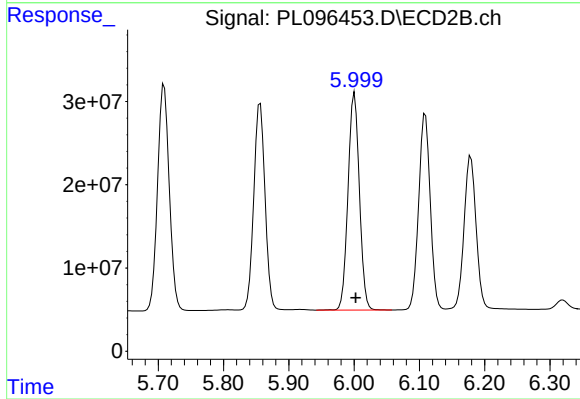
R.T.: 5.709 min  
Delta R.T.: -0.002 min  
Response: 339000018  
Conc: 55.61 ng/ml



#15 Endosulfan II

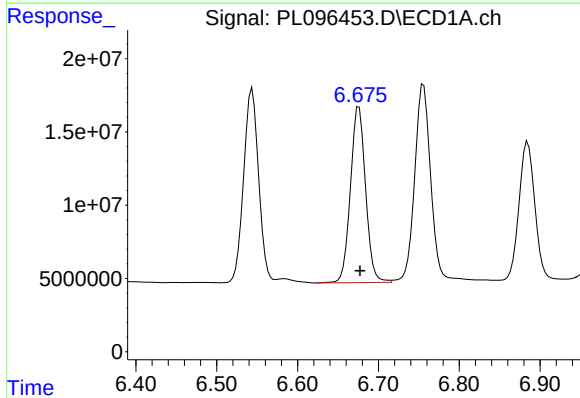
R.T.: 6.756 min  
Delta R.T.: -0.001 min  
Response: 190327153  
Conc: 54.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



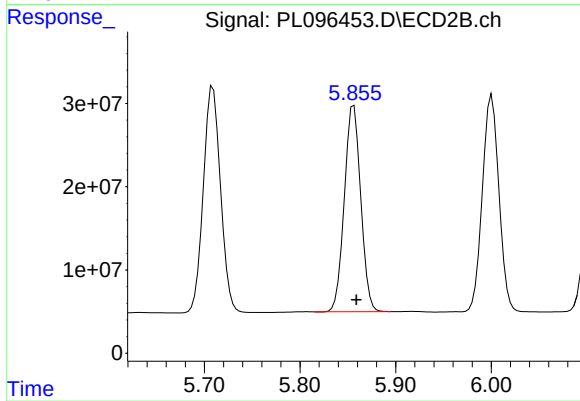
#15 Endosulfan II

R.T.: 6.001 min  
Delta R.T.: -0.002 min  
Response: 315673086  
Conc: 53.83 ng/ml



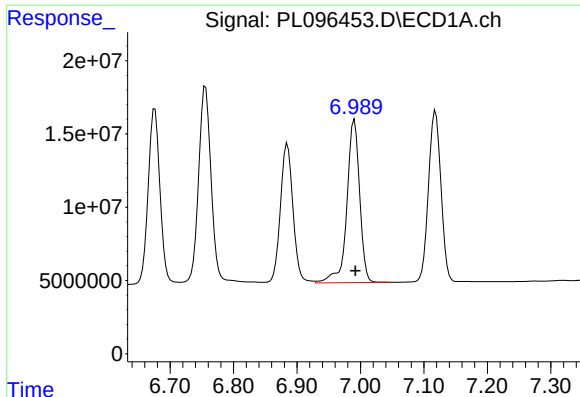
#16 4,4'-DDD

R.T.: 6.676 min  
Delta R.T.: -0.001 min  
Response: 156130892  
Conc: 53.62 ng/ml



#16 4,4'-DDD

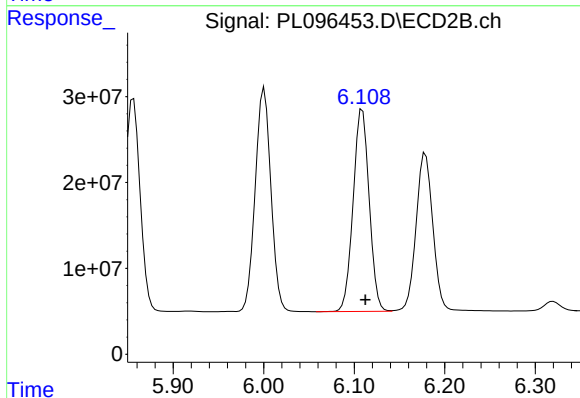
R.T.: 5.856 min  
Delta R.T.: -0.003 min  
Response: 297002145  
Conc: 57.91 ng/ml



#17 4,4'-DDT

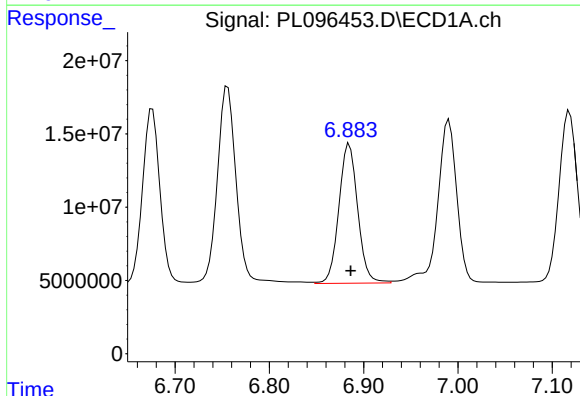
R.T.: 6.990 min  
Delta R.T.: -0.001 min  
Response: 156020117  
Conc: 51.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



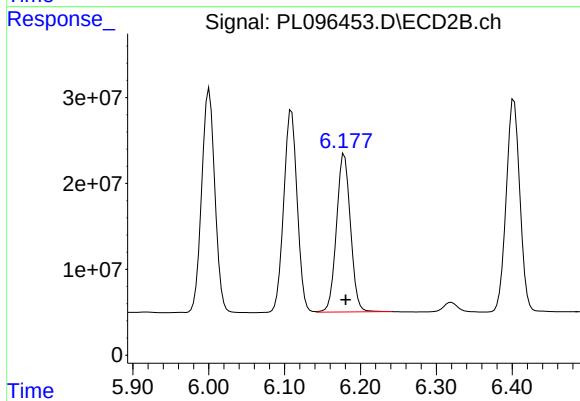
#17 4,4'-DDT

R.T.: 6.109 min  
Delta R.T.: -0.003 min  
Response: 290294839  
Conc: 50.62 ng/ml



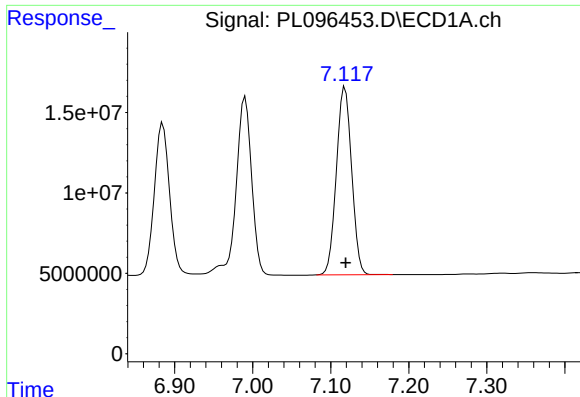
#18 Endrin aldehyde

R.T.: 6.885 min  
Delta R.T.: -0.002 min  
Response: 132271422  
Conc: 59.17 ng/ml



#18 Endrin aldehyde

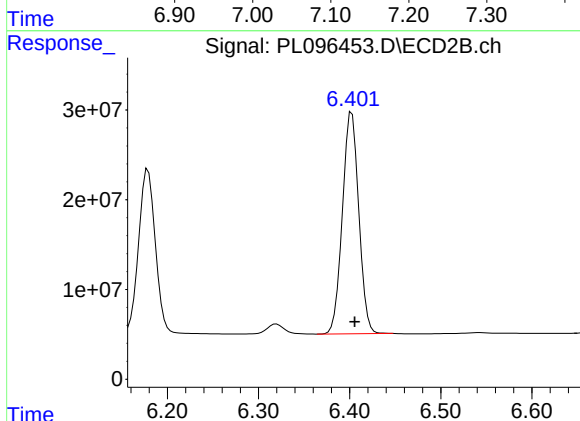
R.T.: 6.179 min  
Delta R.T.: -0.002 min  
Response: 236298145  
Conc: 53.05 ng/ml



#19 Endosulfan Sulfate

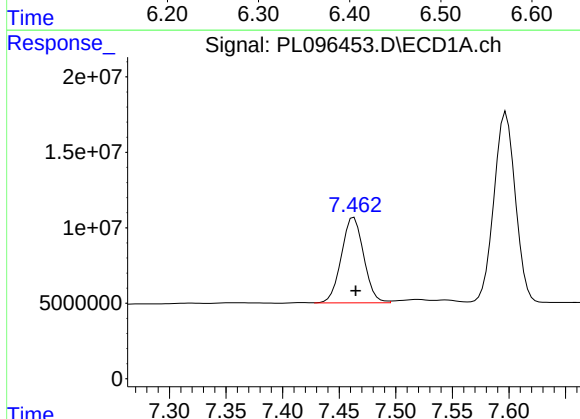
R.T.: 7.118 min  
Delta R.T.: -0.001 min  
Response: 158639427  
Conc: 51.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



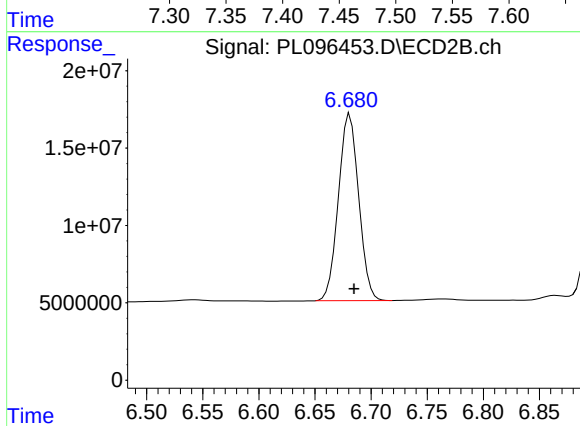
#19 Endosulfan Sulfate

R.T.: 6.402 min  
Delta R.T.: -0.003 min  
Response: 308573352  
Conc: 54.86 ng/ml



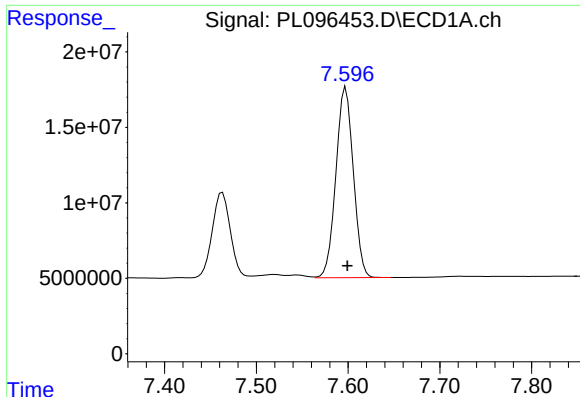
#20 Methoxychlor

R.T.: 7.463 min  
Delta R.T.: -0.002 min  
Response: 77955576  
Conc: 49.48 ng/ml



#20 Methoxychlor

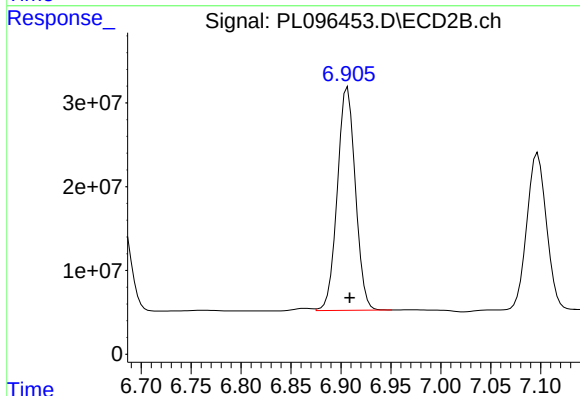
R.T.: 6.681 min  
Delta R.T.: -0.004 min  
Response: 152039930  
Conc: 50.05 ng/ml



#21 Endrin ketone

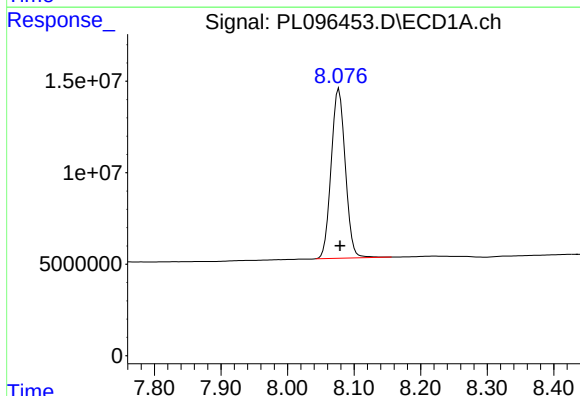
R.T.: 7.598 min  
Delta R.T.: -0.002 min  
Response: 166500672  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



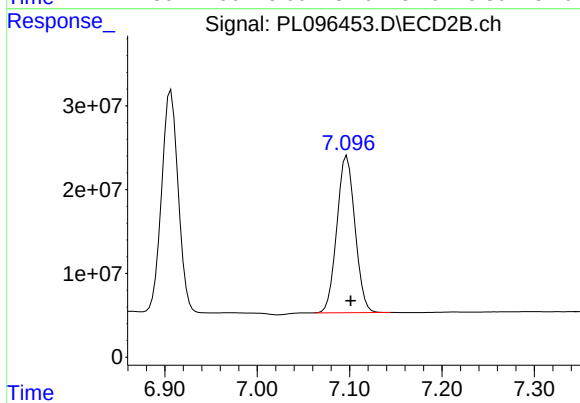
#21 Endrin ketone

R.T.: 6.907 min  
Delta R.T.: -0.002 min  
Response: 334643239  
Conc: 53.52 ng/ml



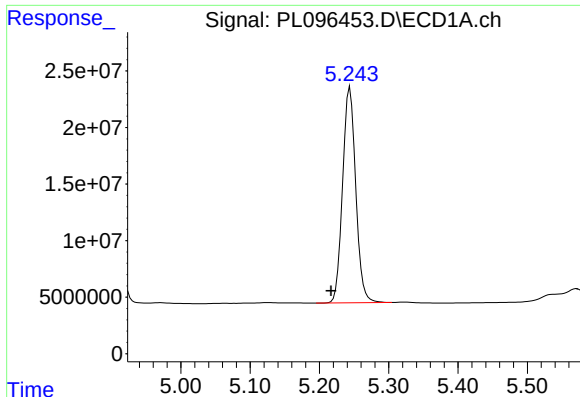
#22 Mirex

R.T.: 8.077 min  
Delta R.T.: -0.001 min  
Response: 136806392  
Conc: 49.17 ng/ml



#22 Mirex

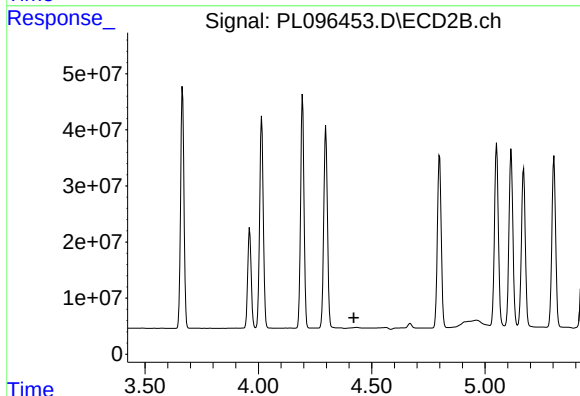
R.T.: 7.097 min  
Delta R.T.: -0.004 min  
Response: 255089229  
Conc: 51.34 ng/ml



#24 Chlordane-2

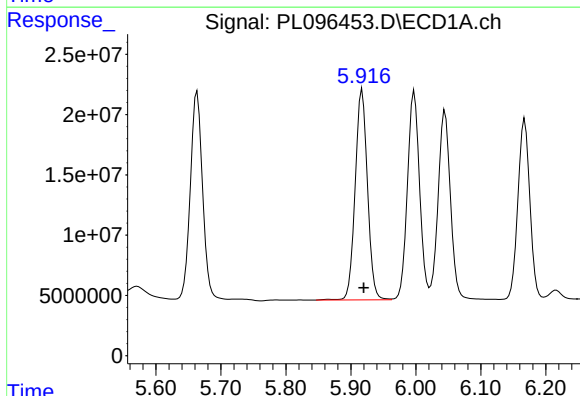
R.T.: 5.244 min  
Delta R.T.: 0.027 min  
Response: 250997751  
Conc: 1282.04 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



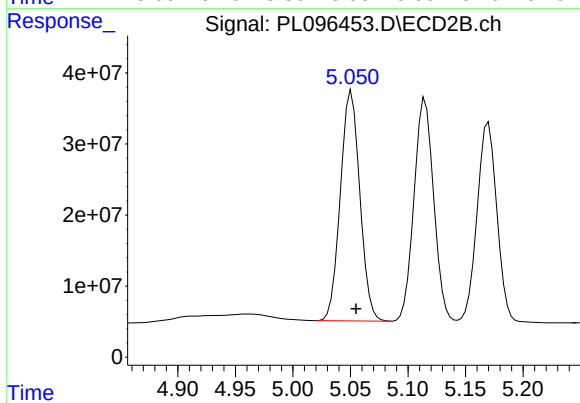
#24 Chlordane-2

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



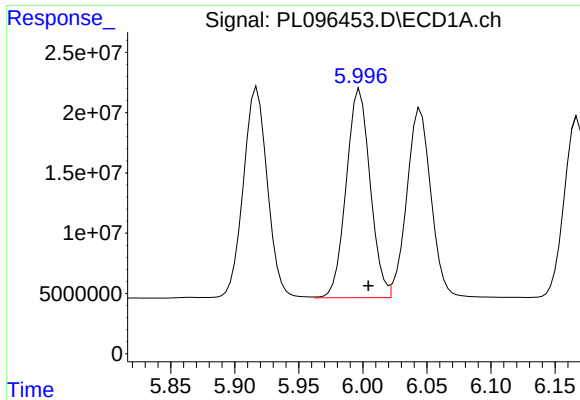
#25 Chlordane-3

R.T.: 5.917 min  
Delta R.T.: -0.002 min  
Response: 229157998  
Conc: 311.04 ng/ml



#25 Chlordane-3

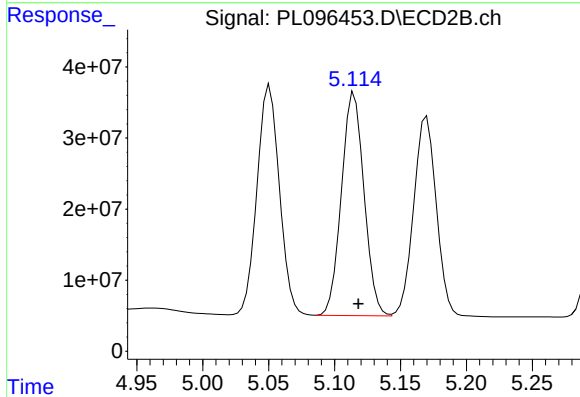
R.T.: 5.051 min  
Delta R.T.: -0.004 min  
Response: 383259422  
Conc: 476.37 ng/ml



#26 Chlordane-4

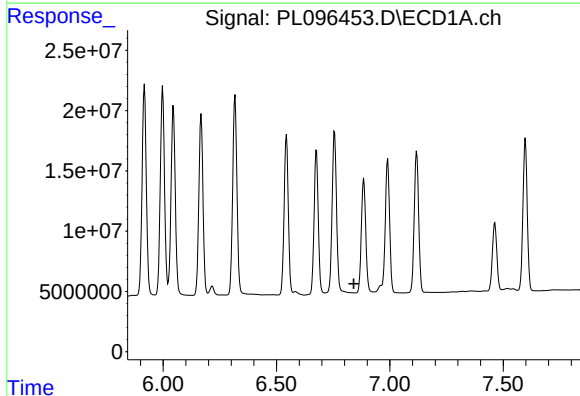
R.T.: 5.998 min  
Delta R.T.: -0.007 min  
Response: 225276014  
Conc: 251.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



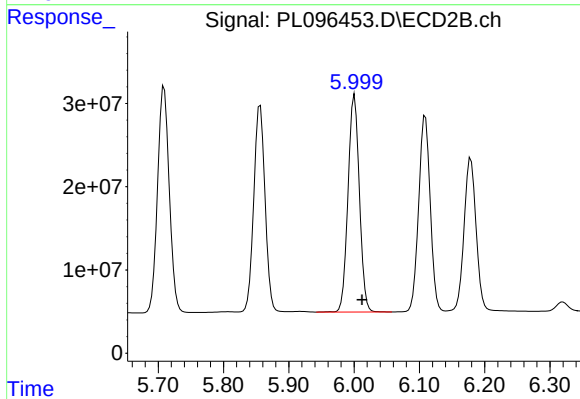
#26 Chlordane-4

R.T.: 5.115 min  
Delta R.T.: -0.003 min  
Response: 374059921  
Conc: 497.80 ng/ml



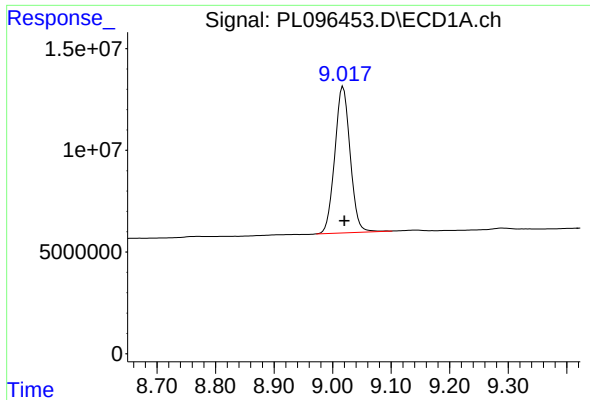
#27 Chlordane-5

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



#27 Chlordane-5

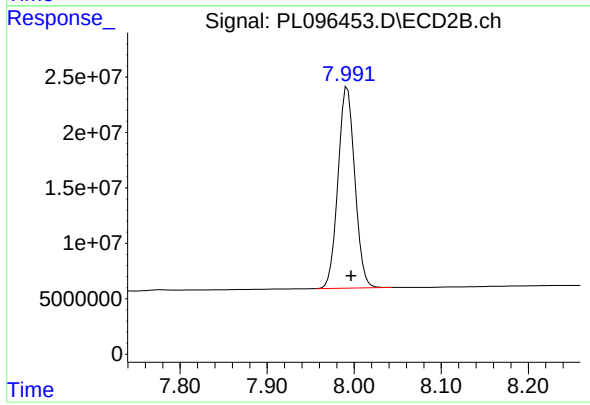
R.T.: 6.001 min  
Delta R.T.: -0.012 min  
Response: 315673086  
Conc: 1113.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.018 min  
Delta R.T.: -0.002 min  
Response: 131221750  
Conc: 46.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.992 min  
Delta R.T.: -0.004 min  
Response: 243389469  
Conc: 48.81 ng/ml