

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060325\  
 Data File : PL095889.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jun 2025 15:09  
 Operator : AR\AJ  
 Sample : Q2176-03MSD (Sig #1); Q2127-03MSD (Sig #2)  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-25MSD

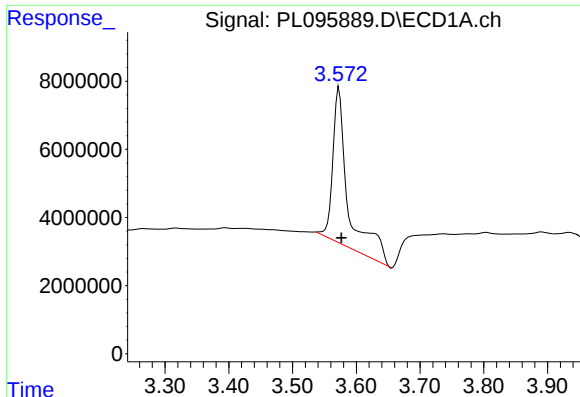
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 04 01:36:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052125.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 22 06:29:30 2025  
 Response via : Initial Calibration  
 Integrator: 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... | 3.573  | 2.886 | 76739856 | 57897501 | 24.321   | 14.793 #  |
| 28)                         | SA Decachlor... | 9.098  | 8.060 | 27002635 | 49888927 | 11.460   | 11.405    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.024  | 3.395 | 219.5E6  | 271.7E6  | 45.275   | 46.384    |
| 3)                          | MA gamma-BHC... | 4.356  | 3.729 | 201.2E6  | 256.3E6  | 44.992   | 45.761    |
| 4)                          | MA Heptachlor   | 4.953  | 4.082 | 166.0E6  | 248.0E6  | 43.864   | 44.215    |
| 5)                          | MB Aldrin       | 5.296  | 4.366 | 194.1E6  | 243.3E6  | 45.378   | 45.848    |
| 6)                          | B beta-BHC      | 4.543  | 4.025 | 85340884 | 110.6E6  | 43.290   | 44.623    |
| 7)                          | B delta-BHC     | 4.791  | 4.260 | 198.5E6  | 256.6E6  | 44.763   | 45.446    |
| 8)                          | B Heptachlo...  | 5.717  | 4.868 | 173.7E6  | 225.1E6  | 45.502   | 45.600    |
| 9)                          | A Endosulfan I  | 6.100  | 5.240 | 163.9E6  | 210.9E6  | 44.721   | 44.251    |
| 10)                         | B gamma-Chl...  | 5.971  | 5.121 | 176.8E6  | 237.2E6  | 45.428   | 45.167    |
| 11)                         | B alpha-Chl...  | 6.052  | 5.185 | 174.9E6  | 233.2E6  | 44.302   | 44.819    |
| 12)                         | B 4,4'-DDE      | 6.223  | 5.372 | 160.0E6  | 235.2E6  | 43.616   | 43.859    |
| 13)                         | MA Dieldrin     | 6.373  | 5.505 | 175.0E6  | 235.8E6  | 45.351   | 44.485    |
| 14)                         | MA Endrin       | 6.600  | 5.780 | 139.3E6  | 207.9E6  | 43.174   | 42.635    |
| 15)                         | B Endosulfa...  | 6.813  | 6.071 | 146.5E6  | 208.4E6  | 42.510   | 43.866    |
| 16)                         | A 4,4'-DDD      | 6.732  | 5.923 | 133.7E6  | 192.2E6  | 45.611   | 43.836    |
| 17)                         | MA 4,4'-DDT     | 7.047  | 6.177 | 113.4E6  | 198.2E6  | 41.927   | 41.452    |
| 18)                         | B Endrin al...  | 6.942  | 6.249 | 103.3E6  | 151.6E6  | 42.738   | 43.899    |
| 19)                         | B Endosulfa...  | 7.176  | 6.472 | 129.2E6  | 194.0E6  | 43.253   | 43.158    |
| 20)                         | A Methoxychlor  | 7.520  | 6.747 | 53117302 | 105.9E6  | 41.650   | 40.467    |
| 21)                         | B Endrin ke...  | 7.657  | 6.977 | 146.1E6  | 226.1E6  | 46.145   | 43.701    |
| 22)                         | Mirex           | 8.138  | 7.171 | 103.5E6  | 174.4E6  | 44.714   | 42.941    |
| 24)                         | Chlordane-2     | 5.296f | 0.000 | 194.1E6  | 0        | 1010.102 | N.D. #    |
| 25)                         | Chlordane-3     | 5.971  | 5.121 | 176.8E6  | 237.2E6  | 239.245  | 360.066 # |
| 26)                         | Chlordane-4     | 6.052  | 5.185 | 174.9E6  | 233.2E6  | 194.610  | 408.440 # |
| 27)                         | Chlordane-5     | 0.000  | 6.071 | 0        | 208.4E6  | N.D.     | 817.632 # |
| -----                       |                 |        |       |          |          |          |           |

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

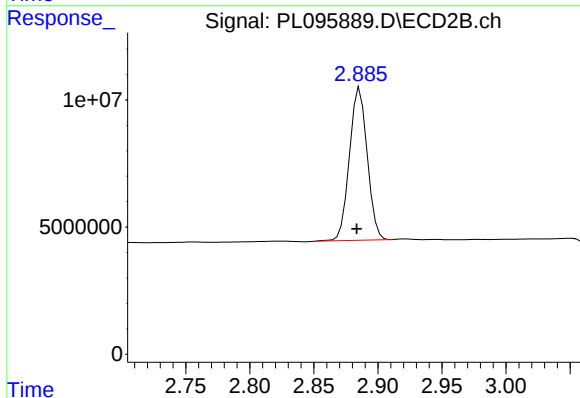




#1 Tetrachloro-m-xylene

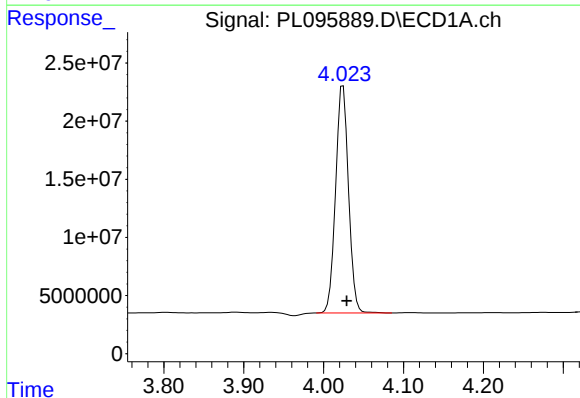
R.T.: 3.573 min  
Delta R.T.: -0.004 min  
Response: 76739856  
Conc: 24.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



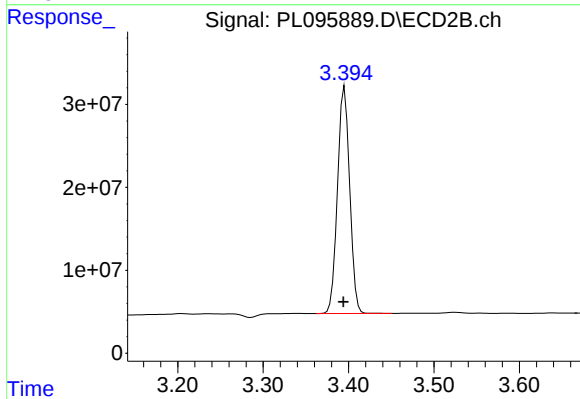
#1 Tetrachloro-m-xylene

R.T.: 2.886 min  
Delta R.T.: 0.002 min  
Response: 57897501  
Conc: 14.79 ng/ml



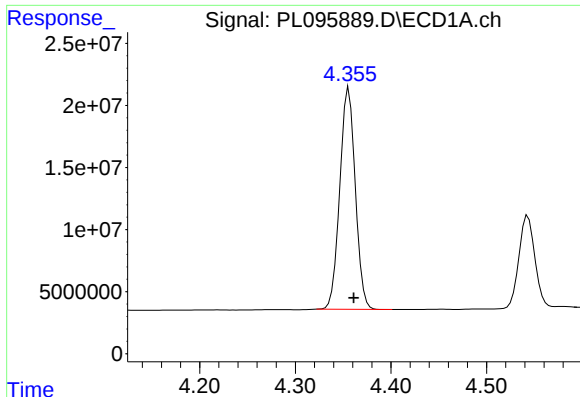
#2 alpha-BHC

R.T.: 4.024 min  
Delta R.T.: -0.005 min  
Response: 219492086  
Conc: 45.28 ng/ml



#2 alpha-BHC

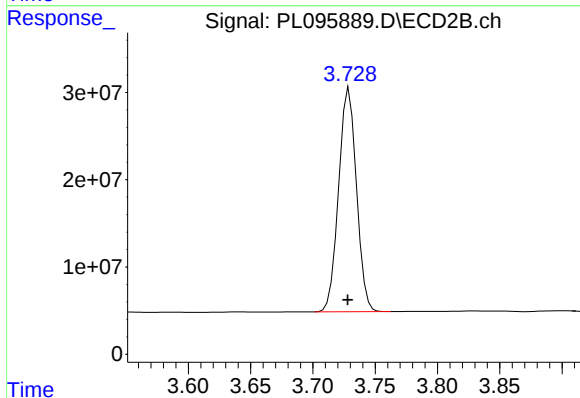
R.T.: 3.395 min  
Delta R.T.: 0.002 min  
Response: 271689022  
Conc: 46.38 ng/ml



#3 gamma-BHC (Lindane)

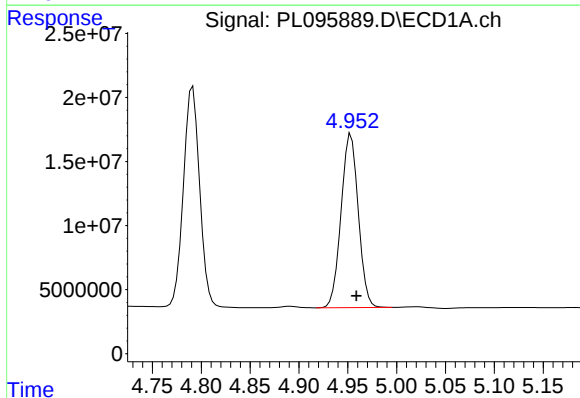
R.T.: 4.356 min  
Delta R.T.: -0.005 min  
Response: 201195359  
Conc: 44.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



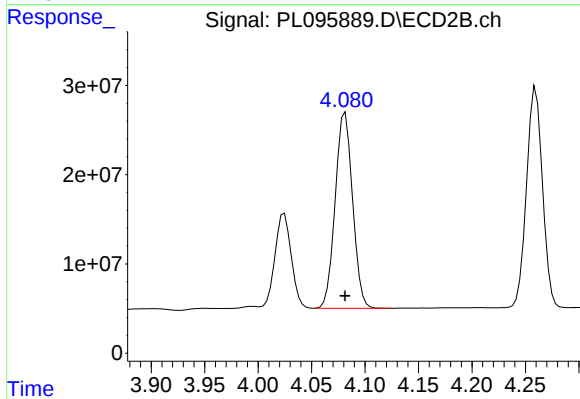
#3 gamma-BHC (Lindane)

R.T.: 3.729 min  
Delta R.T.: 0.001 min  
Response: 256319264  
Conc: 45.76 ng/ml



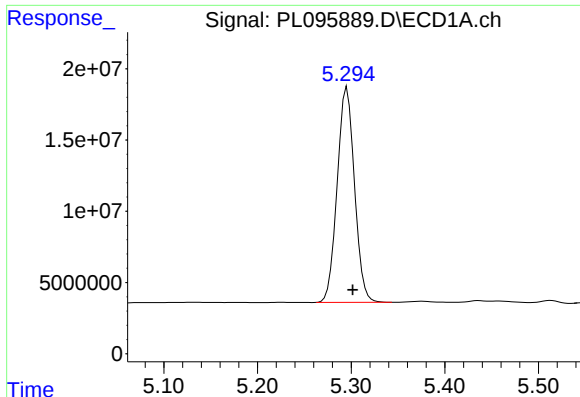
#4 Heptachlor

R.T.: 4.953 min  
Delta R.T.: -0.005 min  
Response: 166026245  
Conc: 43.86 ng/ml



#4 Heptachlor

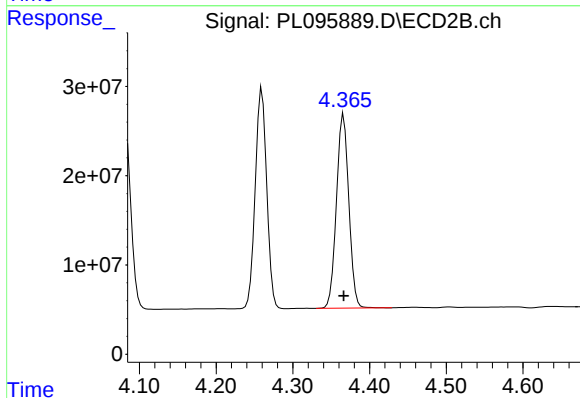
R.T.: 4.082 min  
Delta R.T.: 0.000 min  
Response: 248003538  
Conc: 44.21 ng/ml



#5 Aldrin

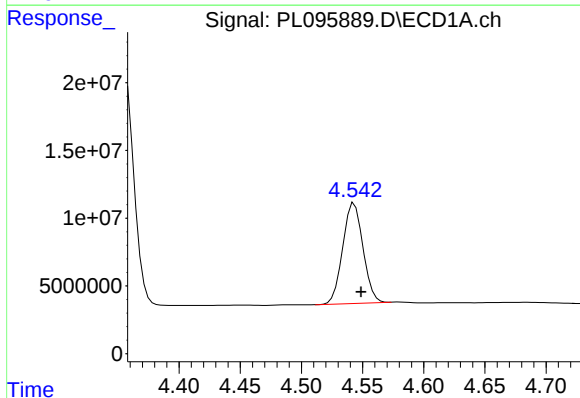
R.T.: 5.296 min  
Delta R.T.: -0.006 min  
Response: 194113814  
Conc: 45.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



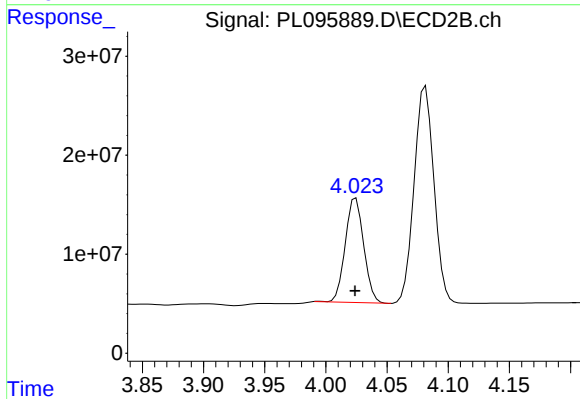
#5 Aldrin

R.T.: 4.366 min  
Delta R.T.: 0.000 min  
Response: 243318629  
Conc: 45.85 ng/ml



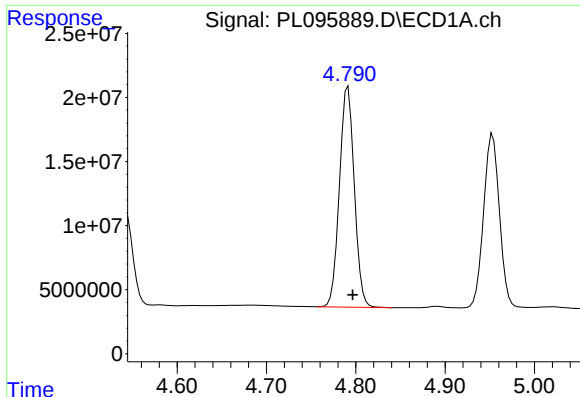
#6 beta-BHC

R.T.: 4.543 min  
Delta R.T.: -0.005 min  
Response: 85340884  
Conc: 43.29 ng/ml



#6 beta-BHC

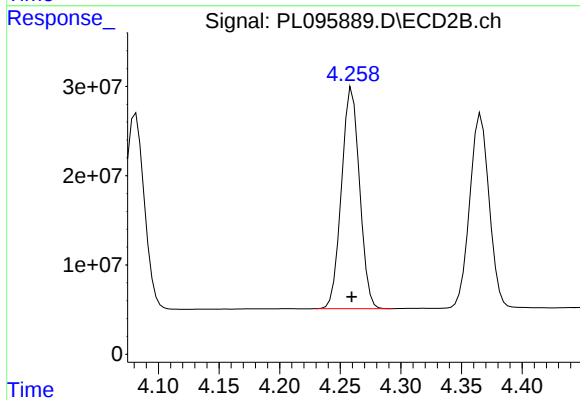
R.T.: 4.025 min  
Delta R.T.: 0.000 min  
Response: 110554964  
Conc: 44.62 ng/ml



#7 delta-BHC

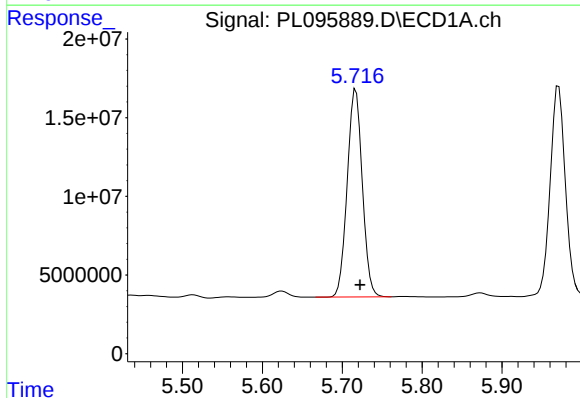
R.T.: 4.791 min  
Delta R.T.: -0.005 min  
Response: 198463013  
Conc: 44.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



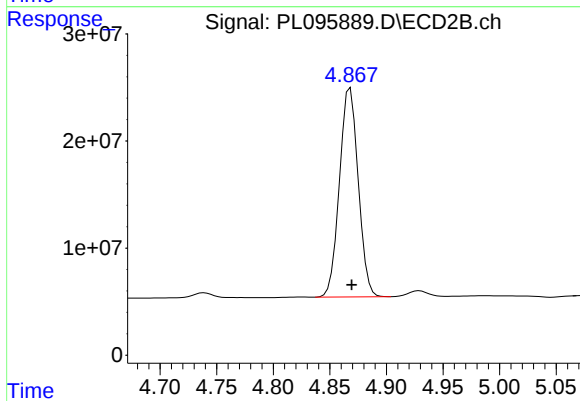
#7 delta-BHC

R.T.: 4.260 min  
Delta R.T.: 0.000 min  
Response: 256649573  
Conc: 45.45 ng/ml



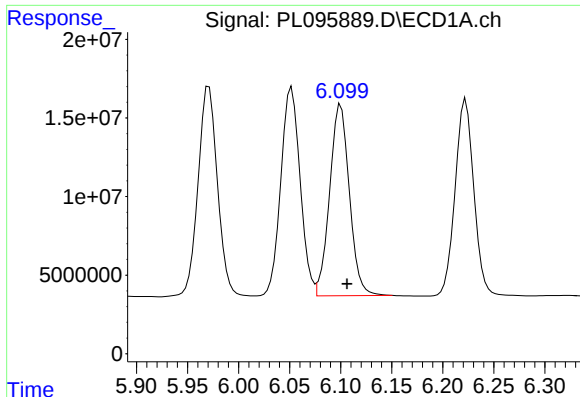
#8 Heptachlor epoxide

R.T.: 5.717 min  
Delta R.T.: -0.005 min  
Response: 173676108  
Conc: 45.50 ng/ml



#8 Heptachlor epoxide

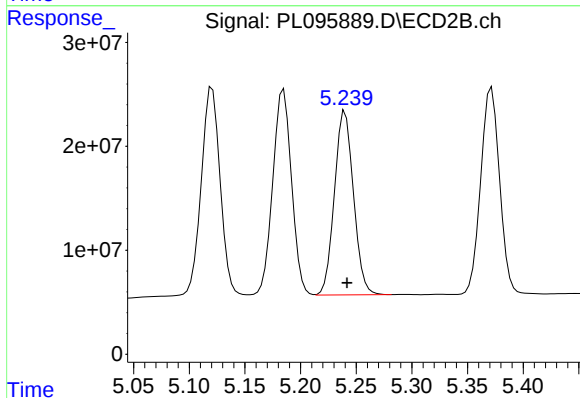
R.T.: 4.868 min  
Delta R.T.: -0.001 min  
Response: 225146648  
Conc: 45.60 ng/ml



#9 Endosulfan I

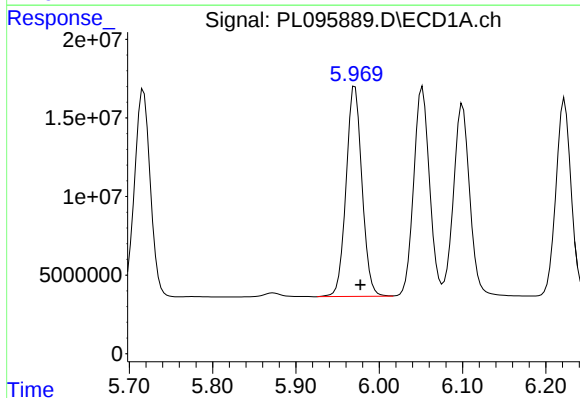
R.T.: 6.100 min  
Delta R.T.: -0.006 min  
Response: 163893994  
Conc: 44.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



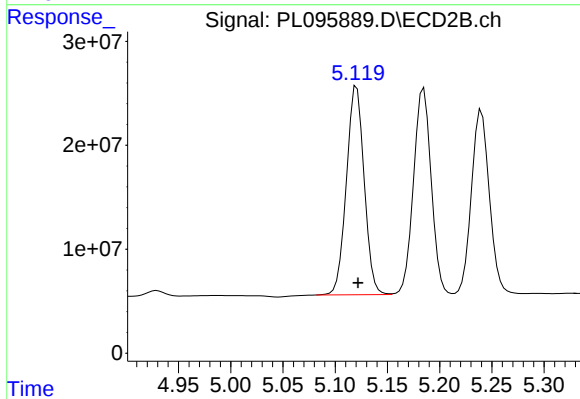
#9 Endosulfan I

R.T.: 5.240 min  
Delta R.T.: -0.002 min  
Response: 210855091  
Conc: 44.25 ng/ml



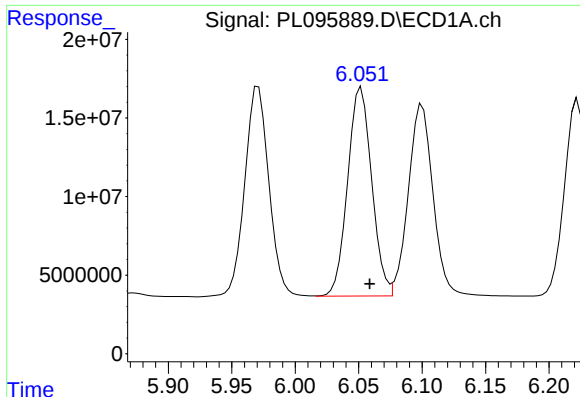
#10 gamma-Chlordane

R.T.: 5.971 min  
Delta R.T.: -0.007 min  
Response: 176808455  
Conc: 45.43 ng/ml



#10 gamma-Chlordane

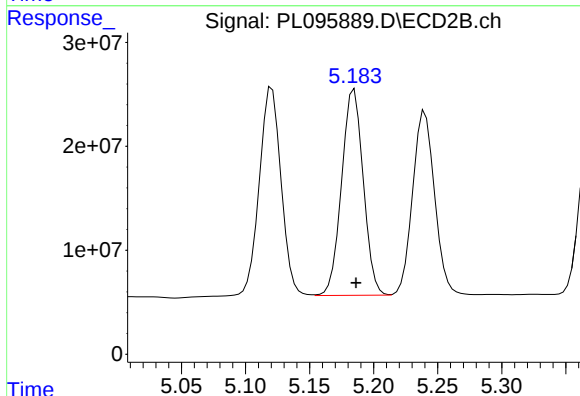
R.T.: 5.121 min  
Delta R.T.: -0.001 min  
Response: 237248944  
Conc: 45.17 ng/ml



#11 alpha-Chlordane

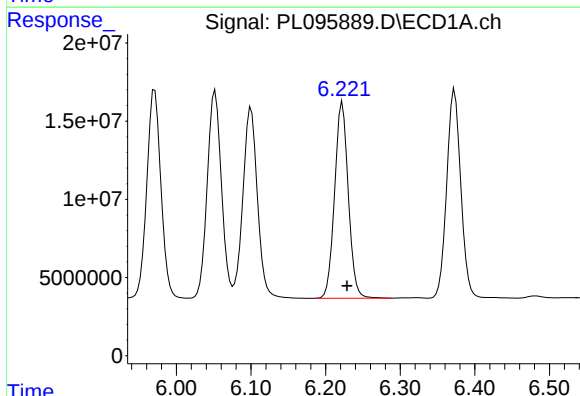
R.T.: 6.052 min  
Delta R.T.: -0.007 min  
Response: 174913258  
Conc: 44.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



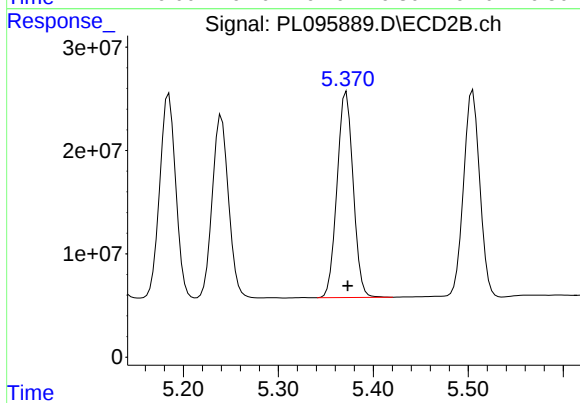
#11 alpha-Chlordane

R.T.: 5.185 min  
Delta R.T.: -0.002 min  
Response: 233182095  
Conc: 44.82 ng/ml



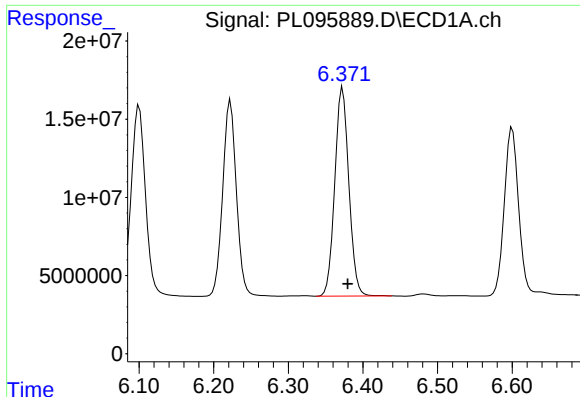
#12 4,4'-DDE

R.T.: 6.223 min  
Delta R.T.: -0.006 min  
Response: 159980016  
Conc: 43.62 ng/ml



#12 4,4'-DDE

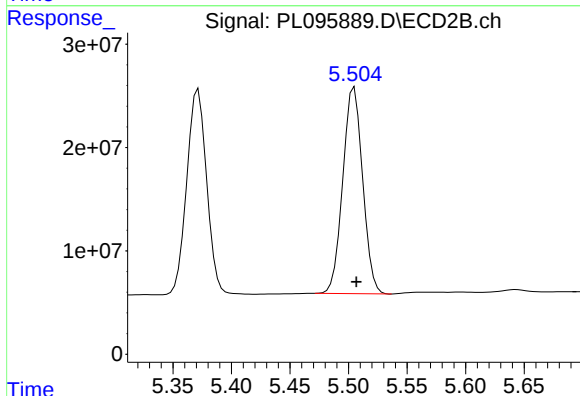
R.T.: 5.372 min  
Delta R.T.: -0.001 min  
Response: 235180955  
Conc: 43.86 ng/ml



#13 Dieldrin

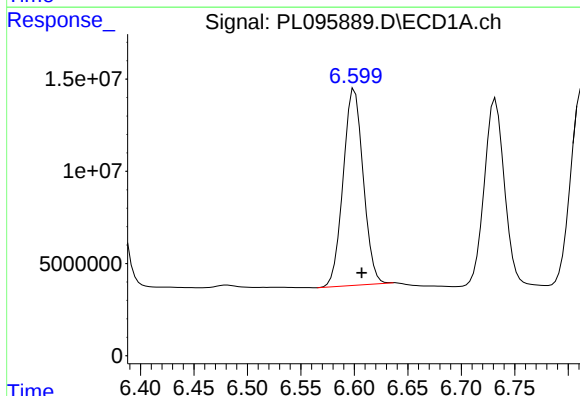
R.T.: 6.373 min  
Delta R.T.: -0.007 min  
Response: 175019229  
Conc: 45.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



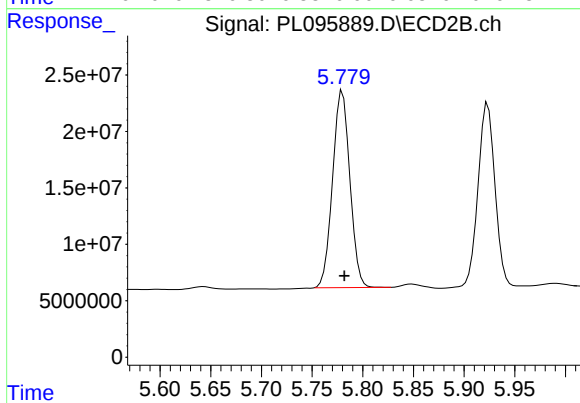
#13 Dieldrin

R.T.: 5.505 min  
Delta R.T.: -0.002 min  
Response: 235778264  
Conc: 44.49 ng/ml



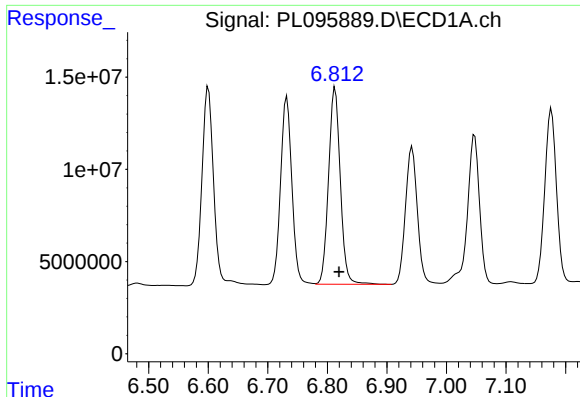
#14 Endrin

R.T.: 6.600 min  
Delta R.T.: -0.007 min  
Response: 139311698  
Conc: 43.17 ng/ml



#14 Endrin

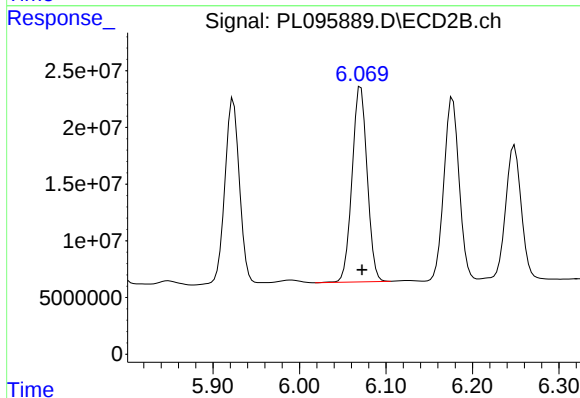
R.T.: 5.780 min  
Delta R.T.: -0.002 min  
Response: 207894180  
Conc: 42.64 ng/ml



#15 Endosulfan II

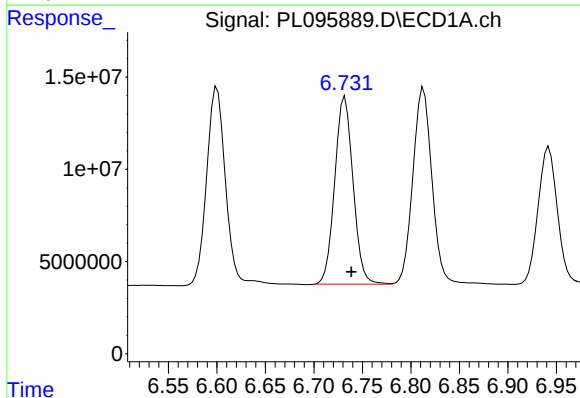
R.T.: 6.813 min  
Delta R.T.: -0.007 min  
Response: 146493147  
Conc: 42.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



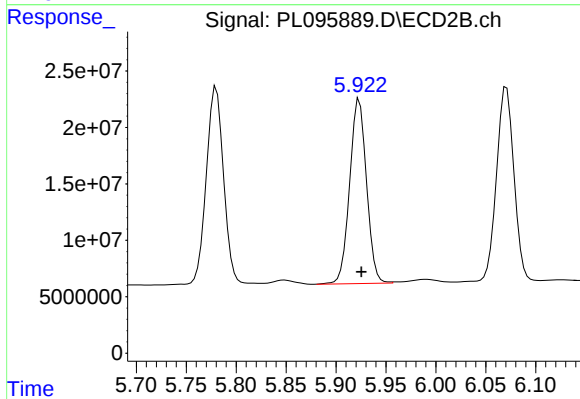
#15 Endosulfan II

R.T.: 6.071 min  
Delta R.T.: -0.002 min  
Response: 208441927  
Conc: 43.87 ng/ml



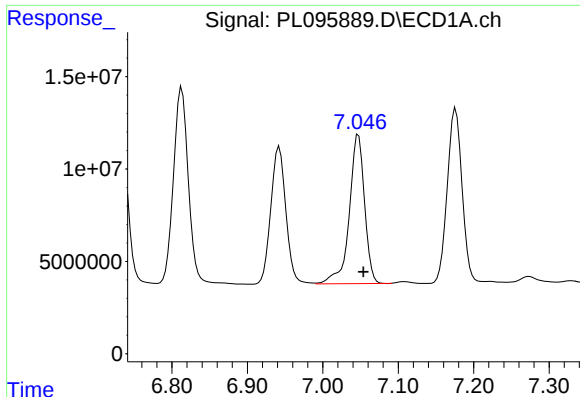
#16 4,4'-DDD

R.T.: 6.732 min  
Delta R.T.: -0.007 min  
Response: 133668174  
Conc: 45.61 ng/ml



#16 4,4'-DDD

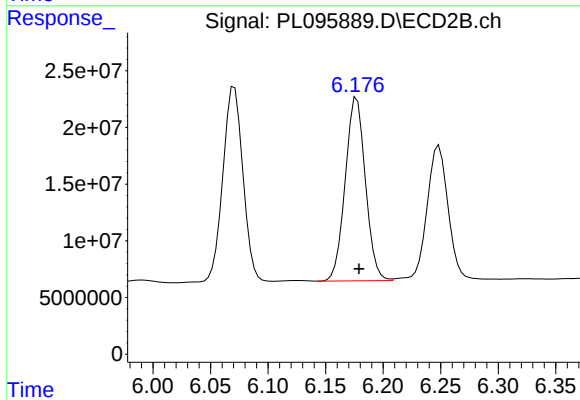
R.T.: 5.923 min  
Delta R.T.: -0.002 min  
Response: 192218797  
Conc: 43.84 ng/ml



#17 4,4'-DDT

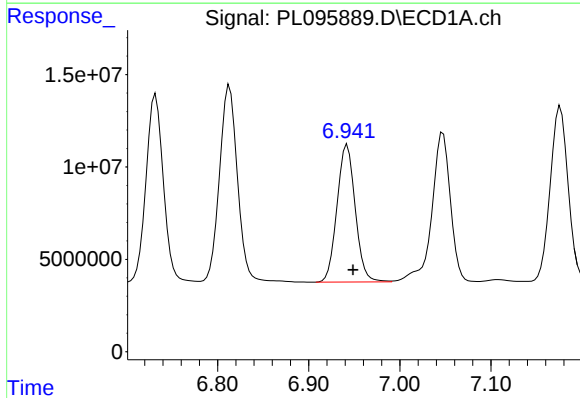
R.T.: 7.047 min  
Delta R.T.: -0.007 min  
Response: 113418520  
Conc: 41.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



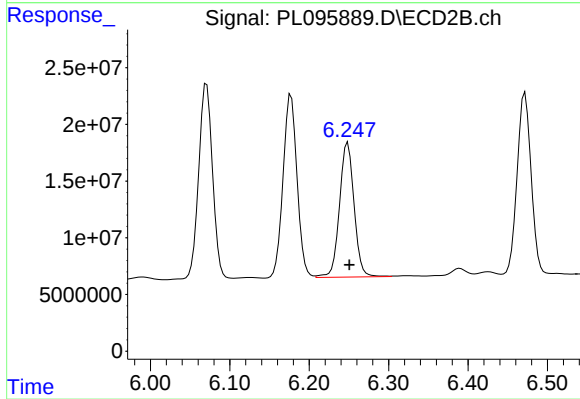
#17 4,4'-DDT

R.T.: 6.177 min  
Delta R.T.: -0.002 min  
Response: 198249461  
Conc: 41.45 ng/ml



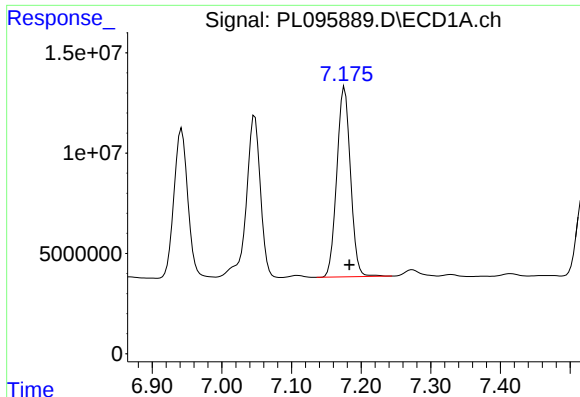
#18 Endrin aldehyde

R.T.: 6.942 min  
Delta R.T.: -0.006 min  
Response: 103325075  
Conc: 42.74 ng/ml



#18 Endrin aldehyde

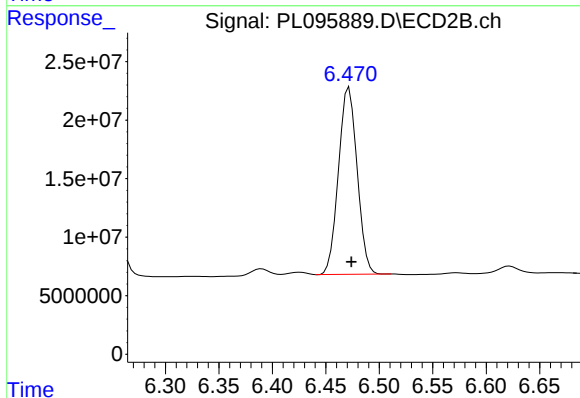
R.T.: 6.249 min  
Delta R.T.: -0.002 min  
Response: 151641395  
Conc: 43.90 ng/ml



#19 Endosulfan Sulfate

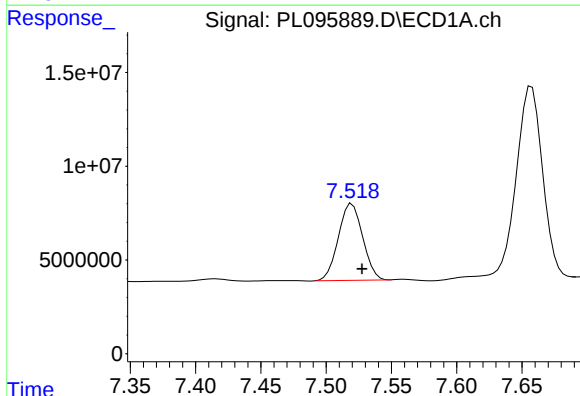
R.T.: 7.176 min  
Delta R.T.: -0.007 min  
Response: 129193195  
Conc: 43.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



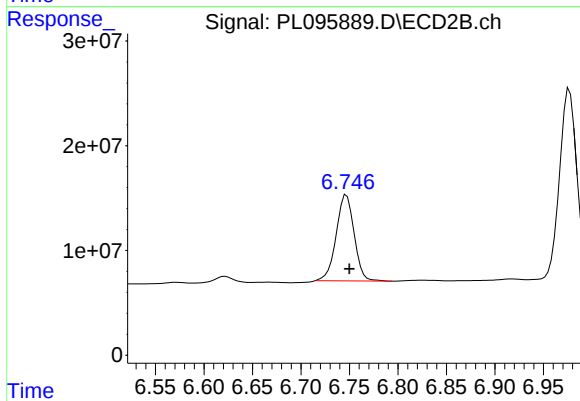
#19 Endosulfan Sulfate

R.T.: 6.472 min  
Delta R.T.: -0.002 min  
Response: 193984016  
Conc: 43.16 ng/ml



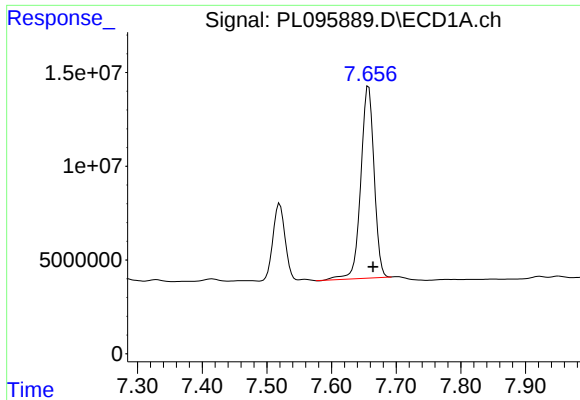
#20 Methoxychlor

R.T.: 7.520 min  
Delta R.T.: -0.008 min  
Response: 53117302  
Conc: 41.65 ng/ml



#20 Methoxychlor

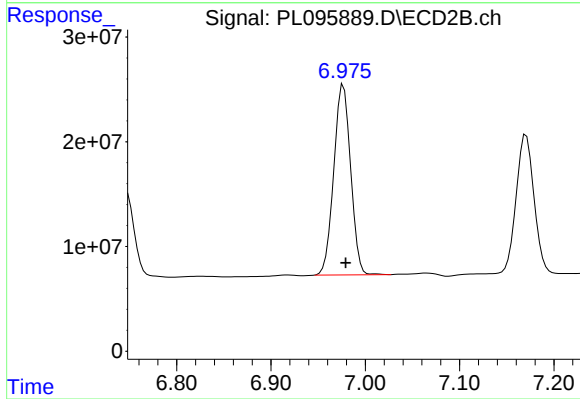
R.T.: 6.747 min  
Delta R.T.: -0.003 min  
Response: 105864909  
Conc: 40.47 ng/ml



#21 Endrin ketone

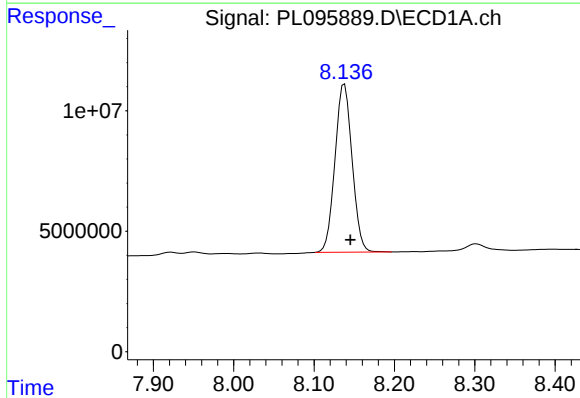
R.T.: 7.657 min  
Delta R.T.: -0.007 min  
Response: 146135685  
Conc: 46.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



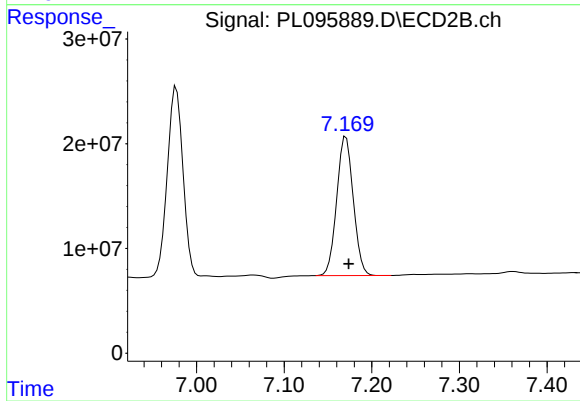
#21 Endrin ketone

R.T.: 6.977 min  
Delta R.T.: -0.003 min  
Response: 226102119  
Conc: 43.70 ng/ml



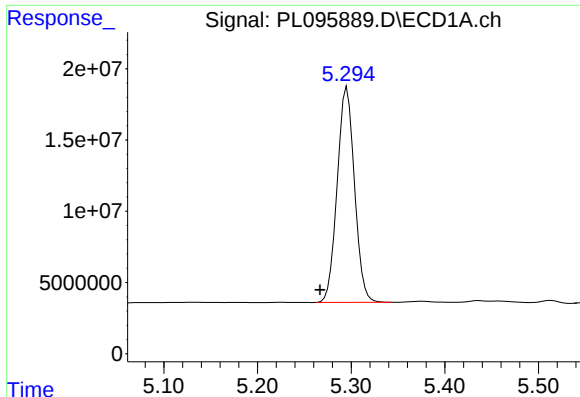
#22 Mirex

R.T.: 8.138 min  
Delta R.T.: -0.008 min  
Response: 103457244  
Conc: 44.71 ng/ml



#22 Mirex

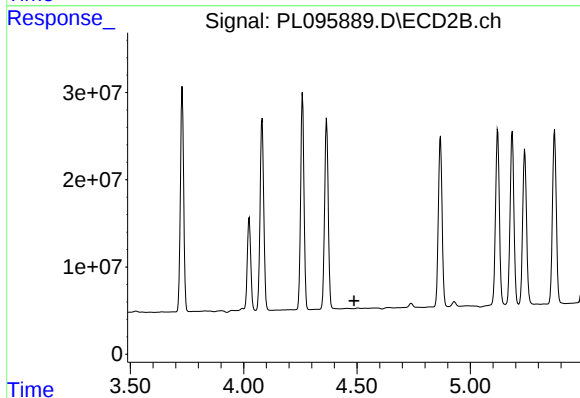
R.T.: 7.171 min  
Delta R.T.: -0.003 min  
Response: 174360329  
Conc: 42.94 ng/ml



#24 Chlordane-2

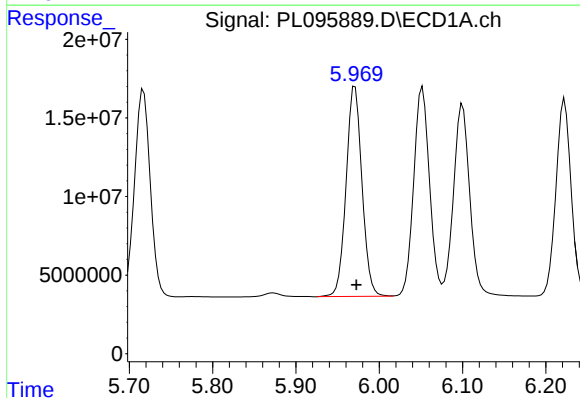
R.T.: 5.296 min  
Delta R.T.: 0.029 min  
Response: 194113814  
Conc: 1010.10 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



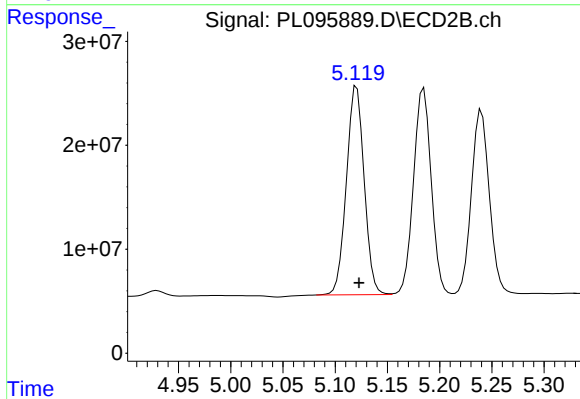
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.487 min  
Response: 0  
Conc: N.D.



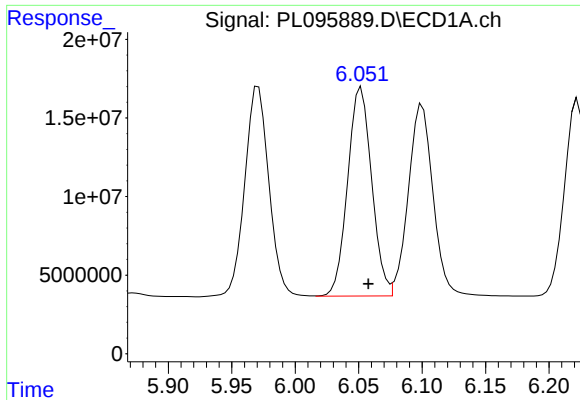
#25 Chlordane-3

R.T.: 5.971 min  
Delta R.T.: -0.002 min  
Response: 176808455  
Conc: 239.24 ng/ml



#25 Chlordane-3

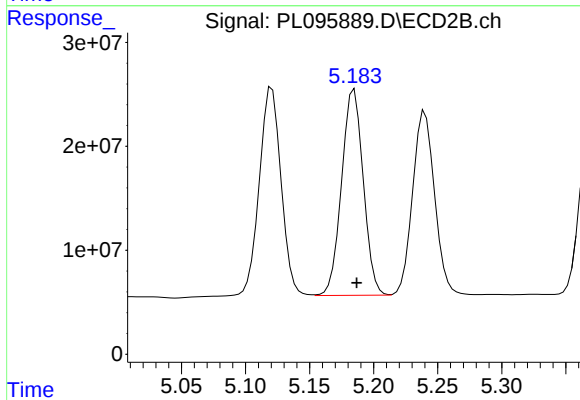
R.T.: 5.121 min  
Delta R.T.: -0.002 min  
Response: 237248944  
Conc: 360.07 ng/ml



#26 Chlordane-4

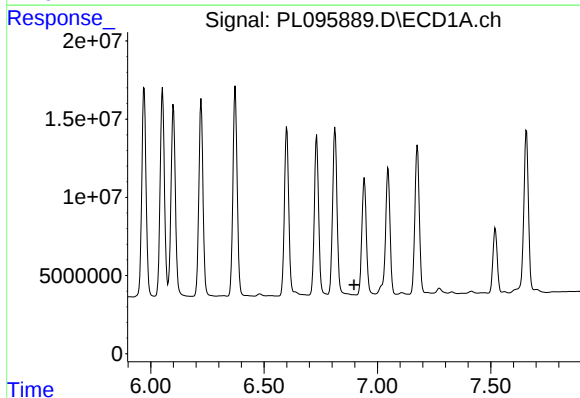
R.T.: 6.052 min  
Delta R.T.: -0.006 min  
Response: 174913258  
Conc: 194.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



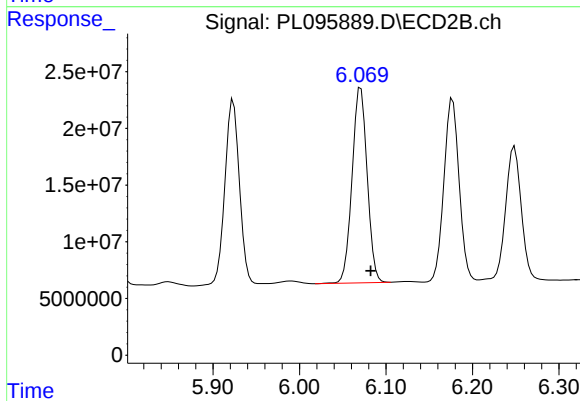
#26 Chlordane-4

R.T.: 5.185 min  
Delta R.T.: -0.002 min  
Response: 233182095  
Conc: 408.44 ng/ml



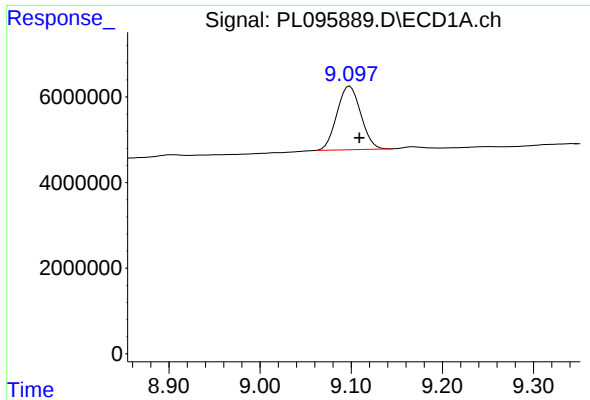
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.897 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

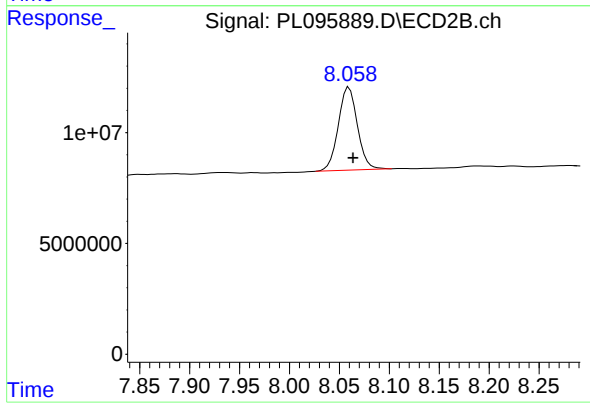
R.T.: 6.071 min  
Delta R.T.: -0.011 min  
Response: 208441927  
Conc: 817.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.098 min  
Delta R.T.: -0.010 min  
Response: 27002635  
Conc: 11.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25MSD



#28 Decachlorobiphenyl

R.T.: 8.060 min  
Delta R.T.: -0.004 min  
Response: 49888927  
Conc: 11.40 ng/ml