

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095532.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 13:25  
 Operator : AR\AJ  
 Sample : PB167854BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB167854BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:38:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 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... | 3.595  | 2.910 | 59205924 | 75217001 | 18.135   | 23.655 #   |
| 28)                         | SA Decachlor... | 9.118  | 8.087 | 57125092 | 66896101 | 20.617   | 22.606     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.046  | 3.419 | 225.3E6  | 272.7E6  | 45.473   | 61.294 #   |
| 3)                          | MA gamma-BHC... | 4.377  | 3.752 | 214.3E6  | 258.2E6  | 45.258   | 58.698 #   |
| 4)                          | MA Heptachlor   | 4.974  | 4.106 | 207.0E6  | 247.5E6  | 45.254   | 56.812 #   |
| 5)                          | MB Aldrin       | 5.316  | 4.391 | 223.2E6  | 250.1E6  | 48.603   | 60.770 #   |
| 6)                          | B beta-BHC      | 4.562  | 4.046 | 93978270 | 114.0E6  | 45.455   | 54.929     |
| 7)                          | B delta-BHC     | 0.000  | 4.282 | 0        | 262.6E6  | N.D.     | 59.917 #   |
| 8)                          | B Heptachlo...  | 5.737  | 4.894 | 203.6E6  | 225.8E6  | 50.828   | 58.469     |
| 9)                          | A Endosulfan I  | 6.120  | 5.267 | 195.5E6  | 215.5E6  | 51.487   | 58.871     |
| 10)                         | B gamma-Chl...  | 5.991  | 5.147 | 208.1E6  | 236.1E6  | 51.007   | 58.247     |
| 11)                         | B alpha-Chl...  | 6.072  | 5.211 | 205.2E6  | 229.0E6  | 50.473   | 57.513     |
| 12)                         | B 4,4'-DDE      | 6.241  | 5.397 | 198.9E6  | 222.2E6  | 50.726   | 54.629     |
| 13)                         | MA Dieldrin     | 6.393  | 5.532 | 193.8E6  | 238.9E6  | 50.273   | 58.743     |
| 14)                         | MA Endrin       | 6.620  | 5.808 | 152.6E6  | 186.0E6  | 47.904   | 51.093     |
| 15)                         | B Endosulfa...  | 6.832  | 6.097 | 168.3E6  | 208.2E6  | 52.725   | 57.977     |
| 16)                         | A 4,4'-DDD      | 6.750  | 5.949 | 152.3E6  | 199.8E6  | 53.787   | 61.151     |
| 17)                         | MA 4,4'-DDT     | 7.065  | 6.203 | 137.6E6  | 172.3E6  | 48.316   | 50.149     |
| 18)                         | B Endrin al...  | 6.961  | 6.275 | 121.8E6  | 156.2E6  | 52.484   | 59.783     |
| 19)                         | B Endosulfa...  | 7.195  | 6.498 | 143.0E6  | 192.6E6  | 51.031   | 58.045     |
| 20)                         | A Methoxychlor  | 7.536  | 6.772 | 62467040 | 139.4E6  | 44.775   | 73.077 #   |
| 21)                         | B Endrin ke...  | 7.675  | 7.004 | 150.2E6  | 226.4E6  | 52.687   | 64.305     |
| 22)                         | Mirex           | 8.157  | 7.200 | 117.9E6  | 183.2E6  | 49.637   | 63.547 #   |
| 24)                         | Chlordane-2     | 5.316f | 0.000 | 223.2E6  | 0        | 1054.409 | N.D. #     |
| 25)                         | Chlordane-3     | 5.991  | 5.147 | 208.1E6  | 236.1E6  | 267.131  | 456.923 #  |
| 26)                         | Chlordane-4     | 6.072  | 5.211 | 205.2E6  | 229.0E6  | 217.651  | 526.824 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.097 | 0        | 208.2E6  | N.D.     | 1126.998 # |
| -----                       |                 |        |       |          |          |          |            |

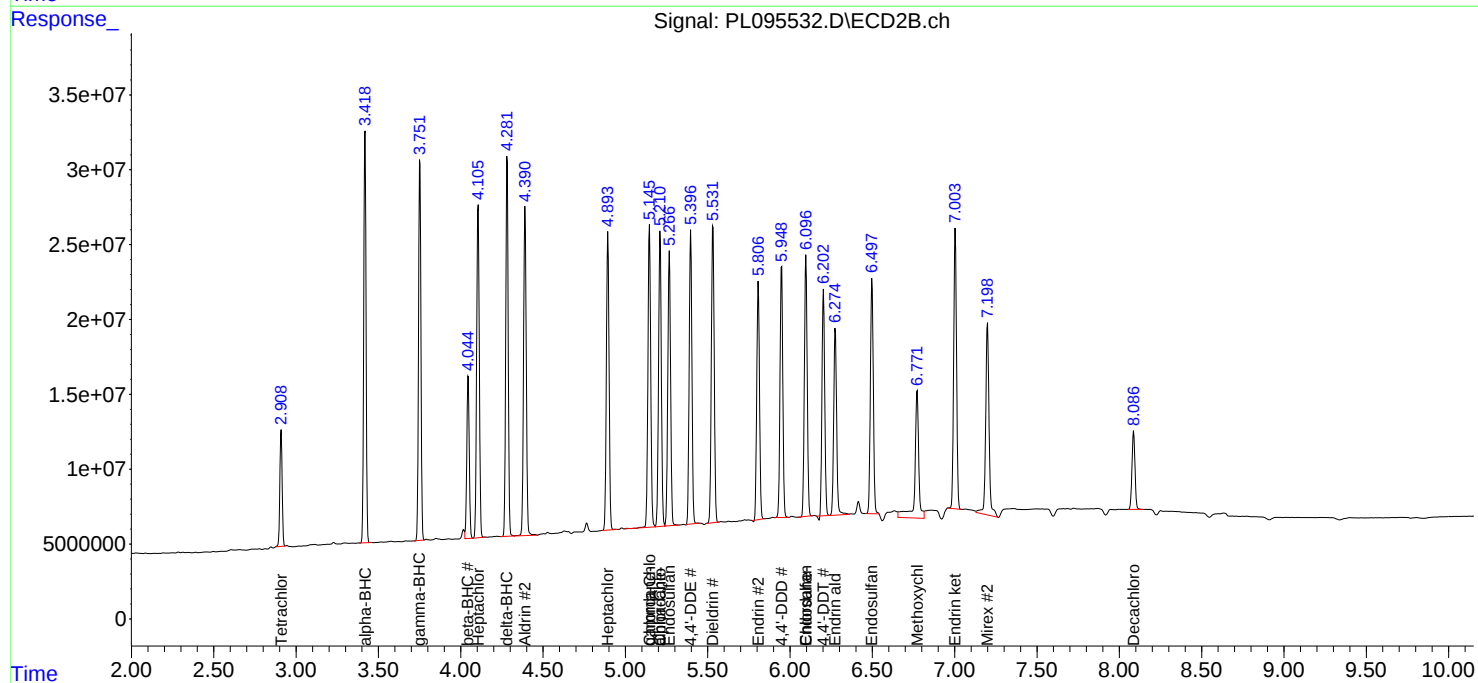
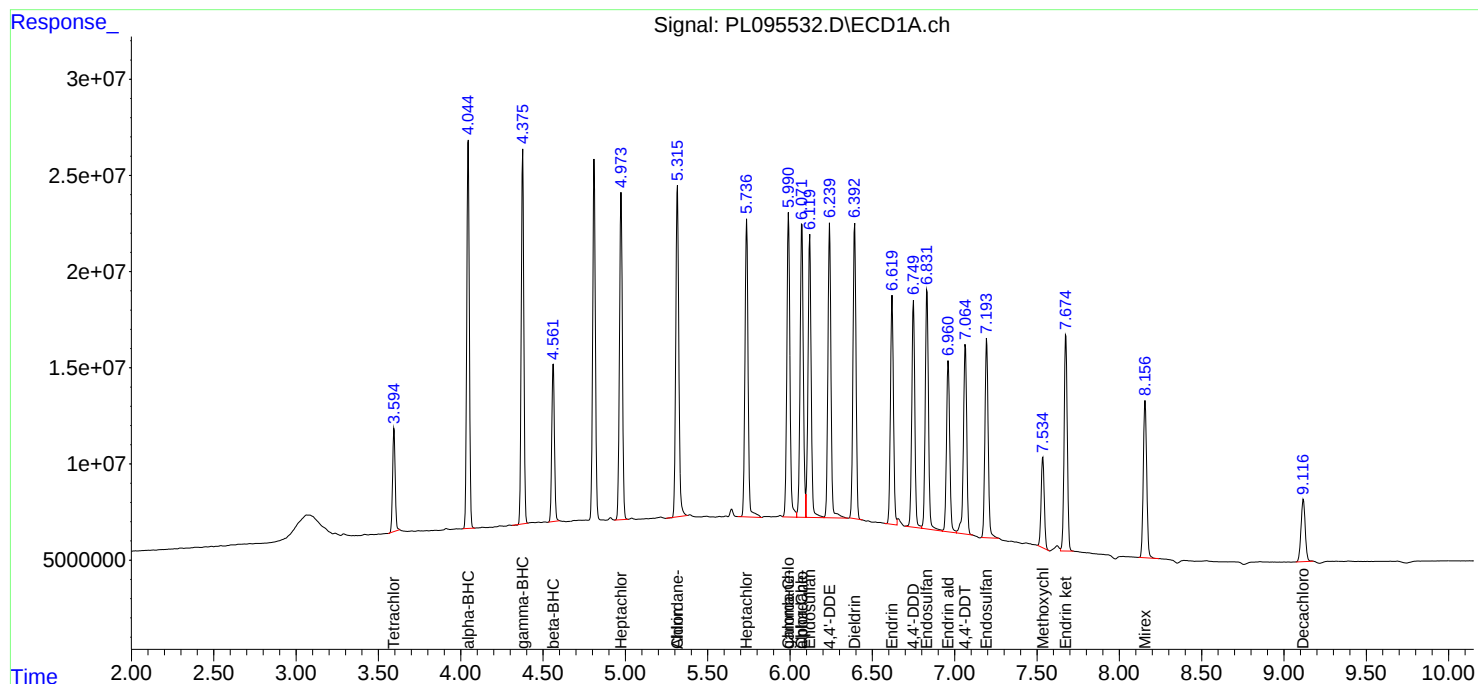
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

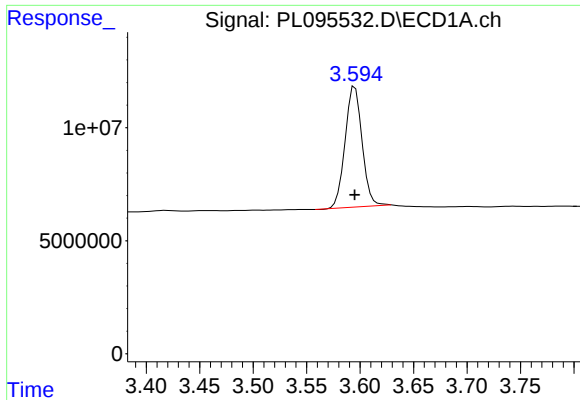
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095532.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 13:25  
Operator : AR\AJ  
Sample : PB167854BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:38:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 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

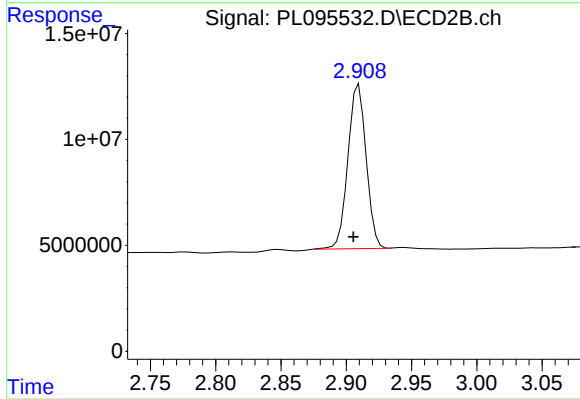




#1 Tetrachloro-m-xylene

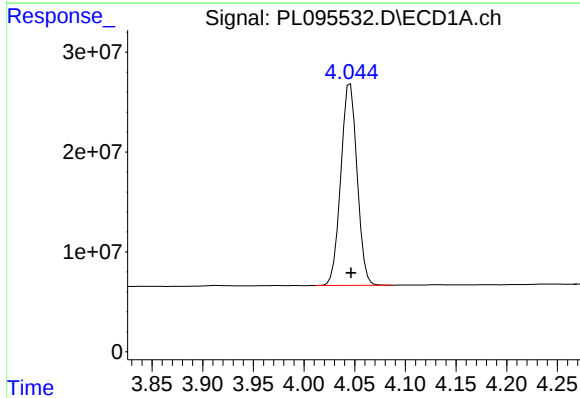
R.T.: 3.595 min  
Delta R.T.: 0.000 min  
Response: 59205924  
Conc: 18.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



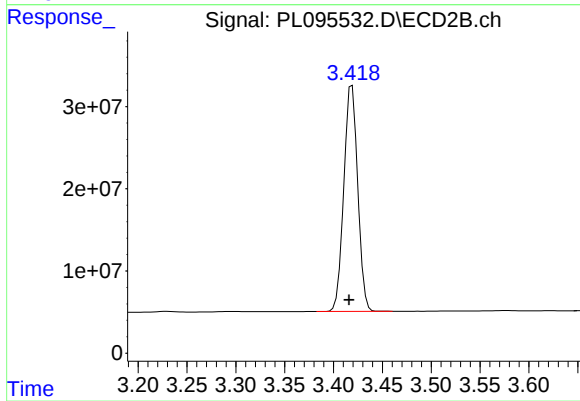
#1 Tetrachloro-m-xylene

R.T.: 2.910 min  
Delta R.T.: 0.004 min  
Response: 75217001  
Conc: 23.65 ng/ml



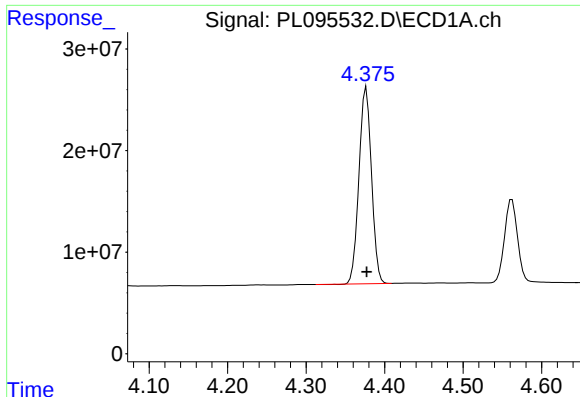
#2 alpha-BHC

R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 225264012  
Conc: 45.47 ng/ml



#2 alpha-BHC

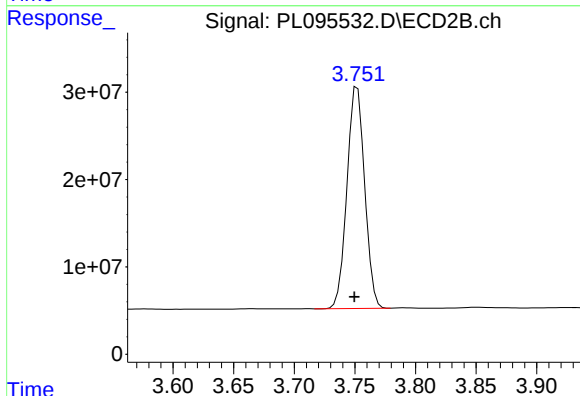
R.T.: 3.419 min  
Delta R.T.: 0.003 min  
Response: 272680033  
Conc: 61.29 ng/ml



#3 gamma-BHC (Lindane)

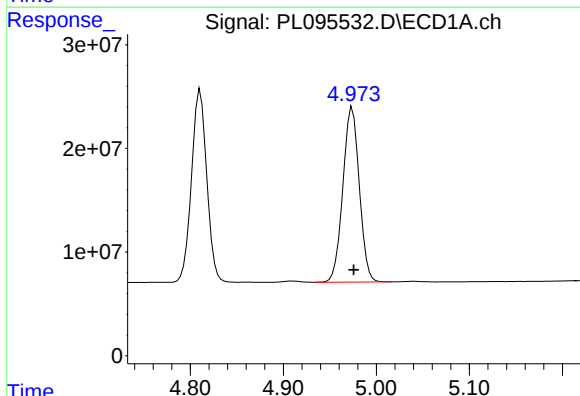
R.T.: 4.377 min  
Delta R.T.: 0.000 min  
Response: 214250372  
Conc: 45.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



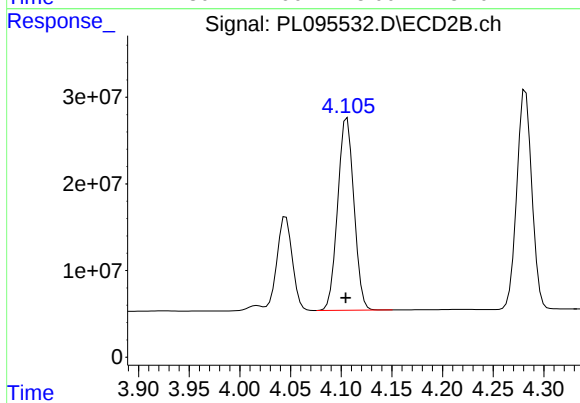
#3 gamma-BHC (Lindane)

R.T.: 3.752 min  
Delta R.T.: 0.002 min  
Response: 258166044  
Conc: 58.70 ng/ml



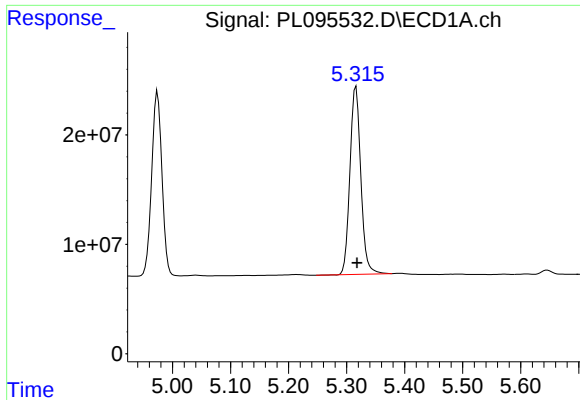
#4 Heptachlor

R.T.: 4.974 min  
Delta R.T.: -0.002 min  
Response: 207011288  
Conc: 45.25 ng/ml



#4 Heptachlor

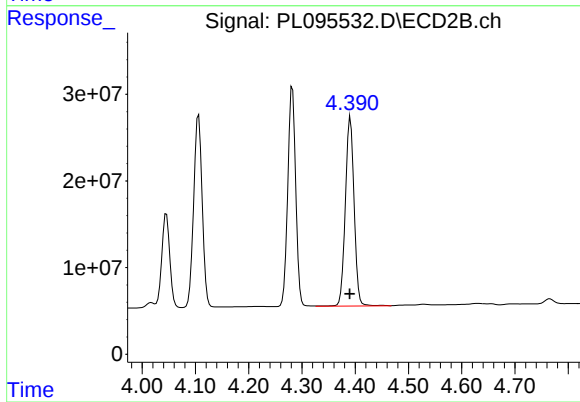
R.T.: 4.106 min  
Delta R.T.: 0.001 min  
Response: 247513256  
Conc: 56.81 ng/ml



#5 Aldrin

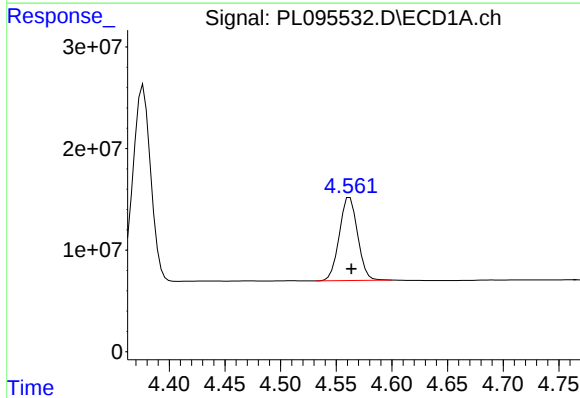
R.T.: 5.316 min  
Delta R.T.: -0.002 min  
Response: 223234915  
Conc: 48.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



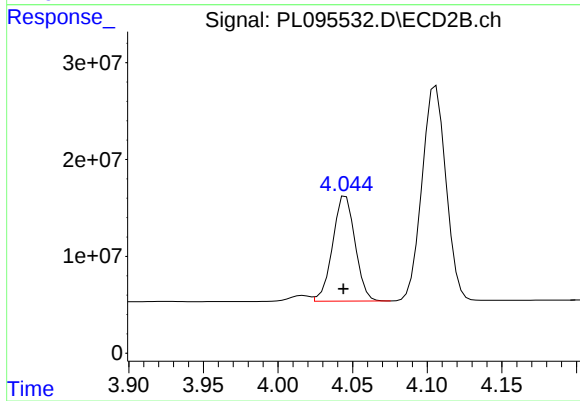
#5 Aldrin

R.T.: 4.391 min  
Delta R.T.: 0.000 min  
Response: 250111035  
Conc: 60.77 ng/ml



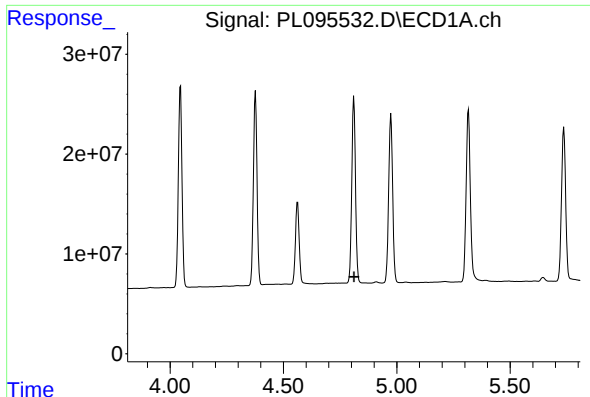
#6 beta-BHC

R.T.: 4.562 min  
Delta R.T.: -0.001 min  
Response: 93978270  
Conc: 45.45 ng/ml



#6 beta-BHC

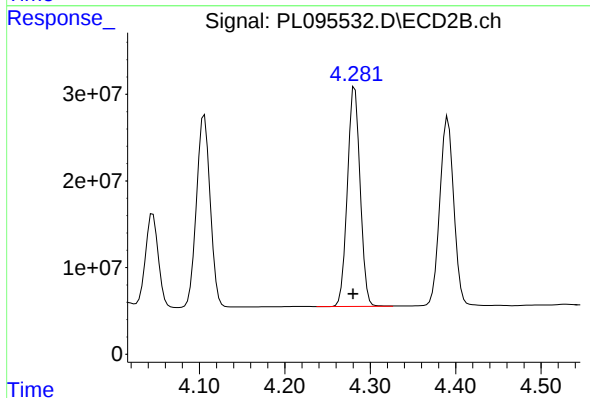
R.T.: 4.046 min  
Delta R.T.: 0.002 min  
Response: 114025774  
Conc: 54.93 ng/ml



#7 delta-BHC

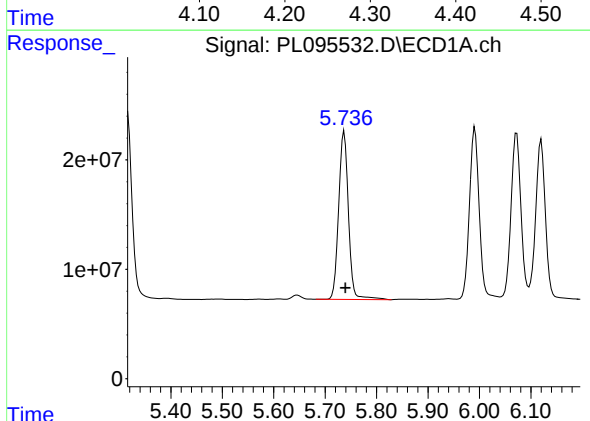
R.T.: 0.000 min  
Exp R.T.: 4.812 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



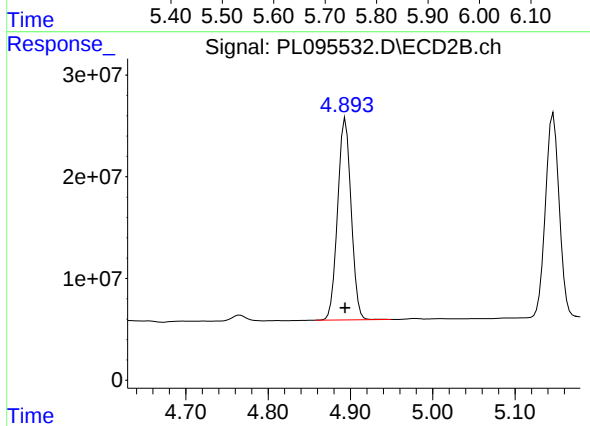
#7 delta-BHC

R.T.: 4.282 min  
Delta R.T.: 0.002 min  
Response: 262552092  
Conc: 59.92 ng/ml



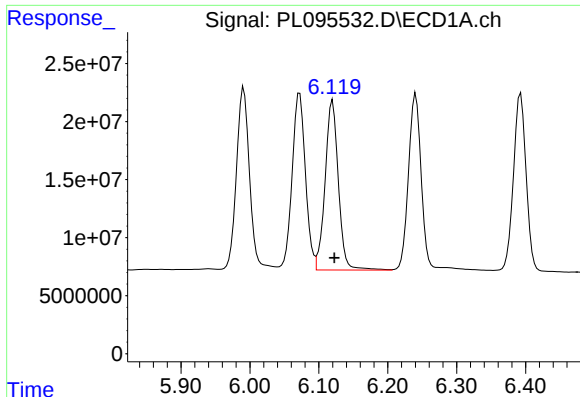
#8 Heptachlor epoxide

R.T.: 5.737 min  
Delta R.T.: -0.002 min  
Response: 203574483  
Conc: 50.83 ng/ml



#8 Heptachlor epoxide

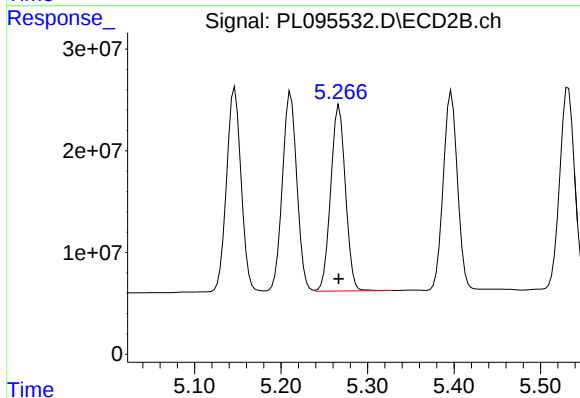
R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 225846599  
Conc: 58.47 ng/ml



#9 Endosulfan I

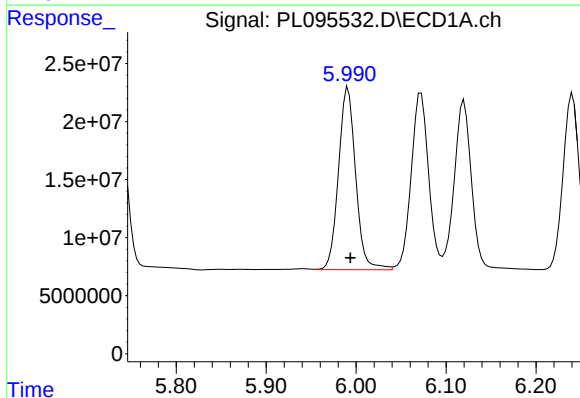
R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 195521782  
Conc: 51.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



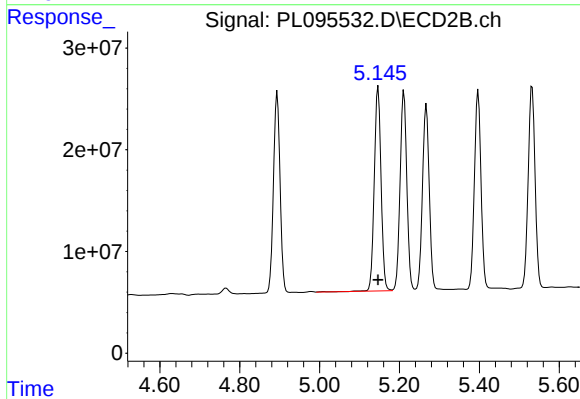
#9 Endosulfan I

R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 215493118  
Conc: 58.87 ng/ml



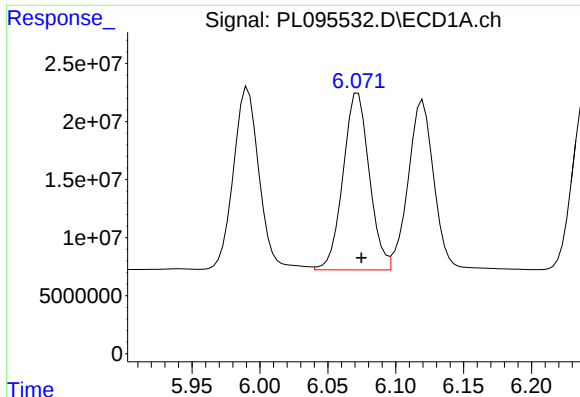
#10 gamma-Chlordane

R.T.: 5.991 min  
Delta R.T.: -0.002 min  
Response: 208075693  
Conc: 51.01 ng/ml



#10 gamma-Chlordane

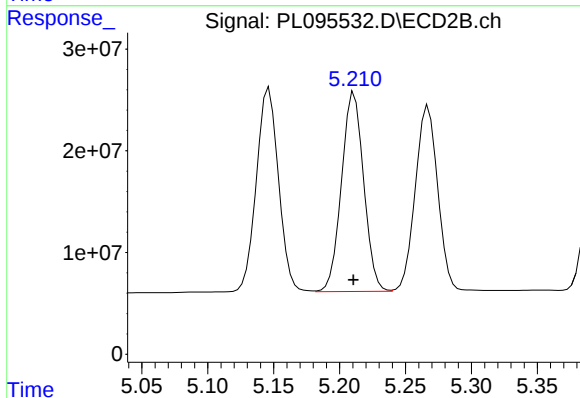
R.T.: 5.147 min  
Delta R.T.: 0.000 min  
Response: 236056472  
Conc: 58.25 ng/ml



#11 alpha-Chlordane

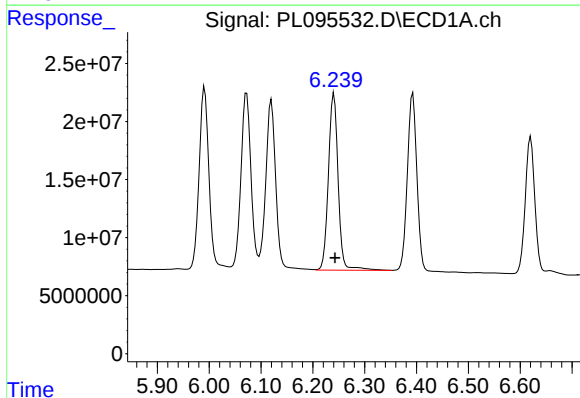
R.T.: 6.072 min  
Delta R.T.: -0.003 min  
Response: 205229272  
Conc: 50.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



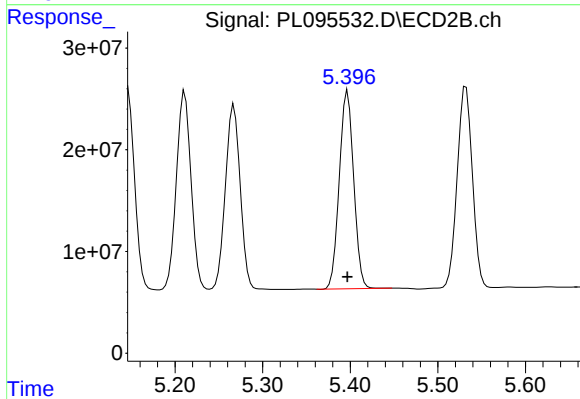
#11 alpha-Chlordane

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 228963999  
Conc: 57.51 ng/ml



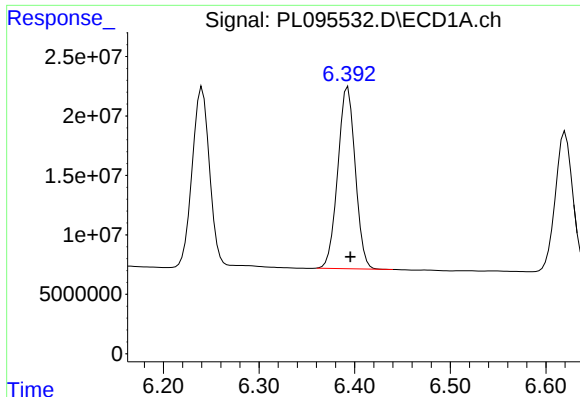
#12 4,4'-DDE

R.T.: 6.241 min  
Delta R.T.: -0.002 min  
Response: 198872490  
Conc: 50.73 ng/ml



#12 4,4'-DDE

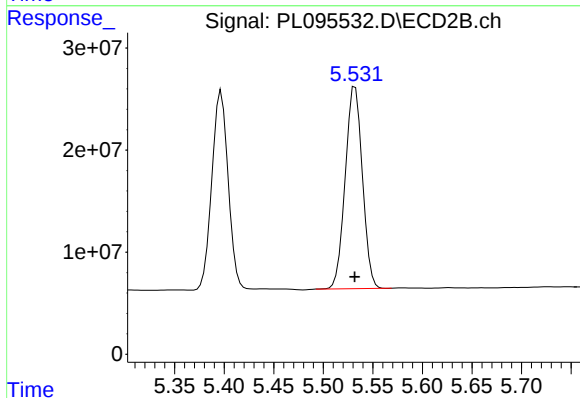
R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 222176370  
Conc: 54.63 ng/ml



#13 Dieldrin

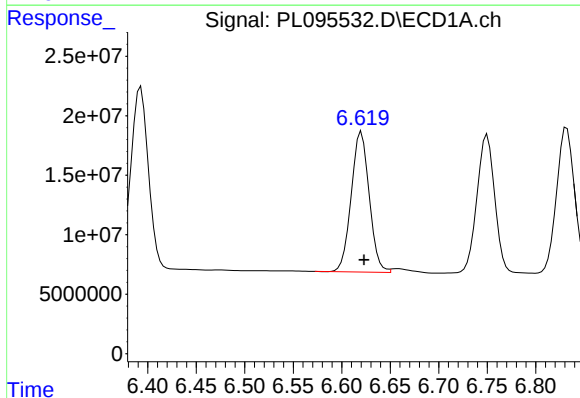
R.T.: 6.393 min  
Delta R.T.: -0.003 min  
Response: 193793802  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



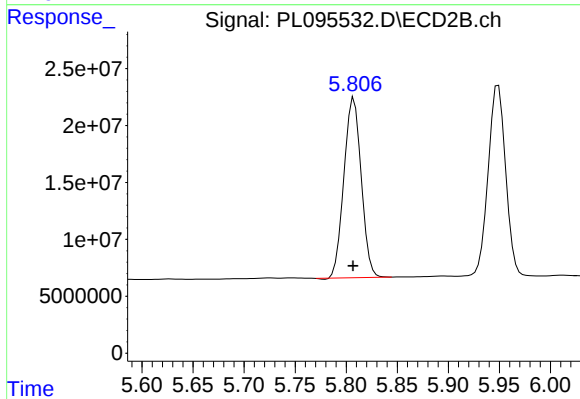
#13 Dieldrin

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 238913582  
Conc: 58.74 ng/ml



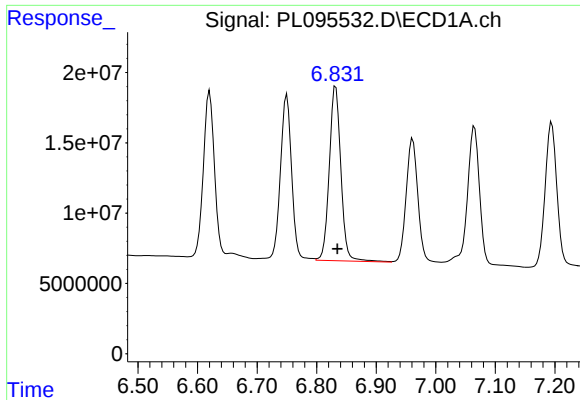
#14 Endrin

R.T.: 6.620 min  
Delta R.T.: -0.003 min  
Response: 152560839  
Conc: 47.90 ng/ml



#14 Endrin

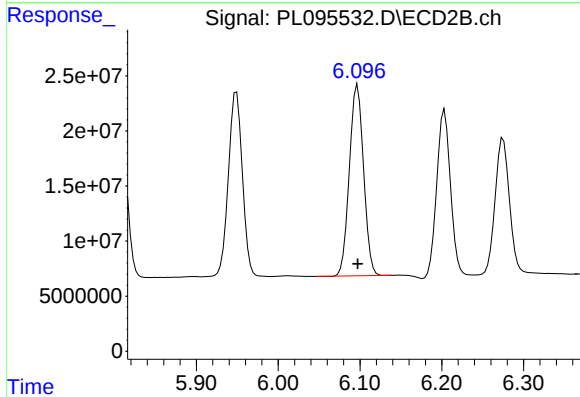
R.T.: 5.808 min  
Delta R.T.: 0.000 min  
Response: 186014130  
Conc: 51.09 ng/ml



#15 Endosulfan II

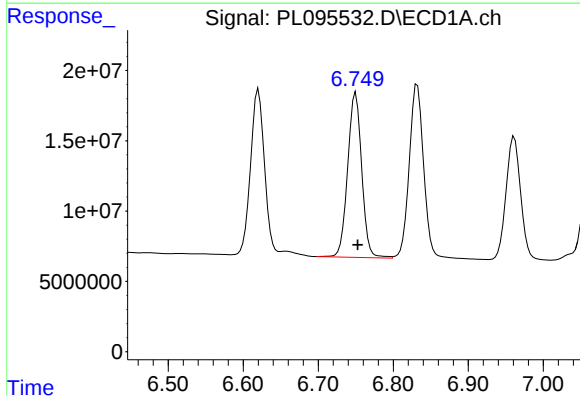
R.T.: 6.832 min  
Delta R.T.: -0.003 min  
Response: 168306143  
Conc: 52.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



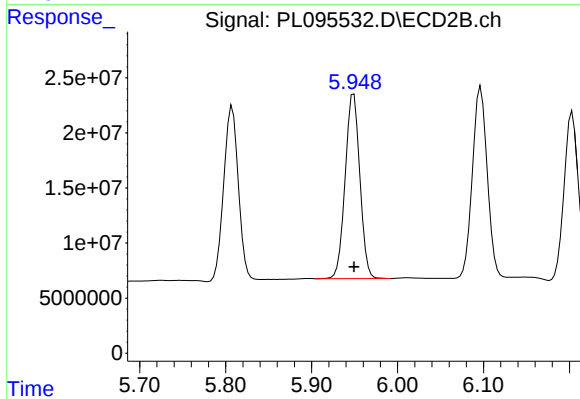
#15 Endosulfan II

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 208200241  
Conc: 57.98 ng/ml



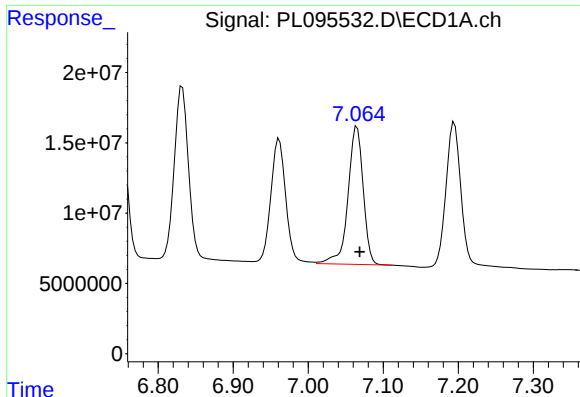
#16 4,4'-DDD

R.T.: 6.750 min  
Delta R.T.: -0.003 min  
Response: 152269168  
Conc: 53.79 ng/ml



#16 4,4'-DDD

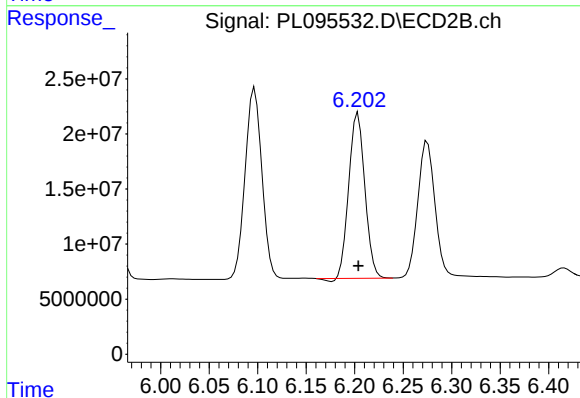
R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 199767830  
Conc: 61.15 ng/ml



#17 4,4'-DDT

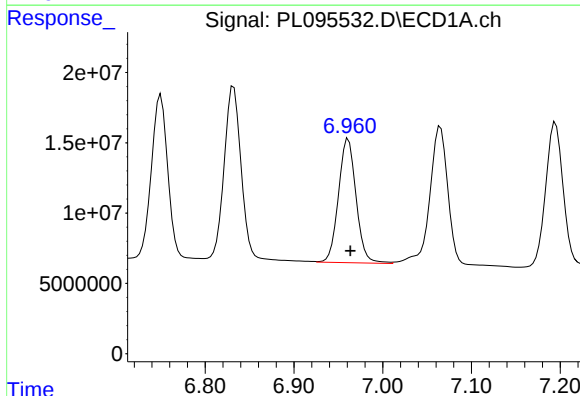
R.T.: 7.065 min  
Delta R.T.: -0.004 min  
Response: 137631752  
Conc: 48.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



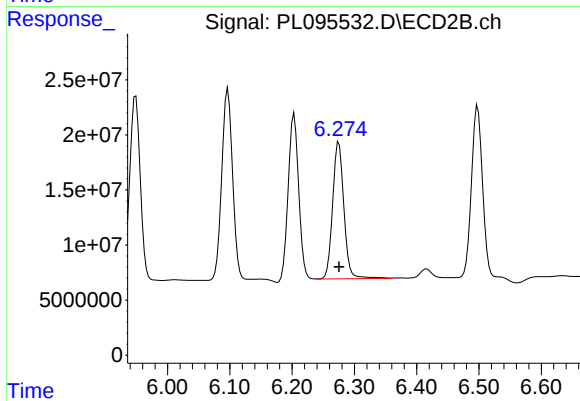
#17 4,4'-DDT

R.T.: 6.203 min  
Delta R.T.: 0.000 min  
Response: 172320528  
Conc: 50.15 ng/ml



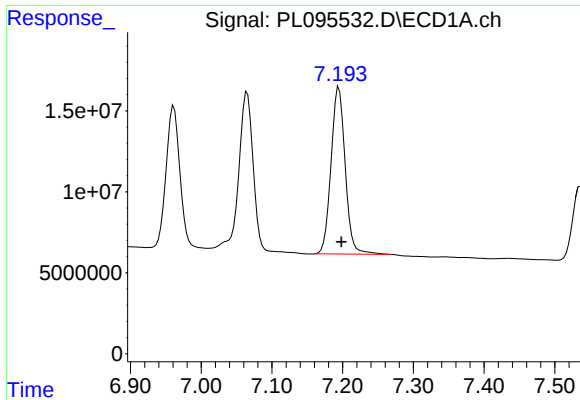
#18 Endrin aldehyde

R.T.: 6.961 min  
Delta R.T.: -0.002 min  
Response: 121804709  
Conc: 52.48 ng/ml



#18 Endrin aldehyde

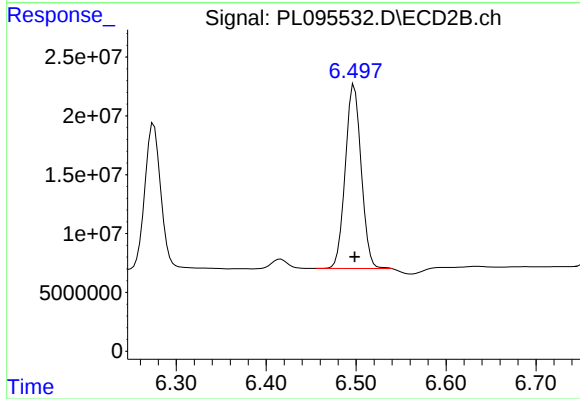
R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 156222153  
Conc: 59.78 ng/ml



#19 Endosulfan Sulfate

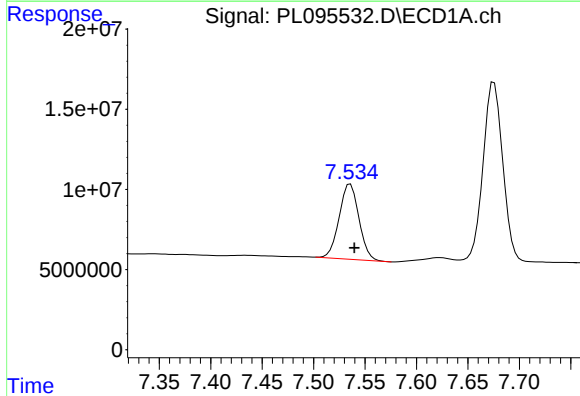
R.T.: 7.195 min  
Delta R.T.: -0.003 min  
Response: 142977143  
Conc: 51.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



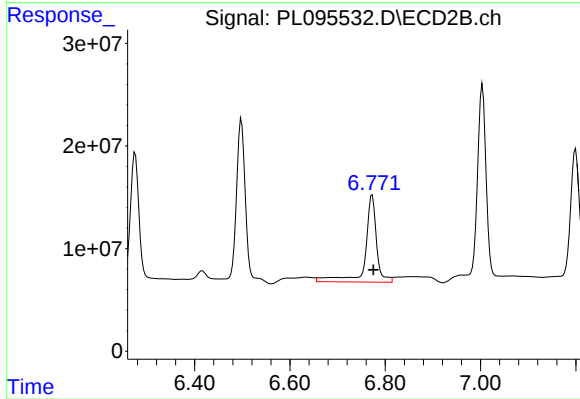
#19 Endosulfan Sulfate

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 192590373  
Conc: 58.05 ng/ml



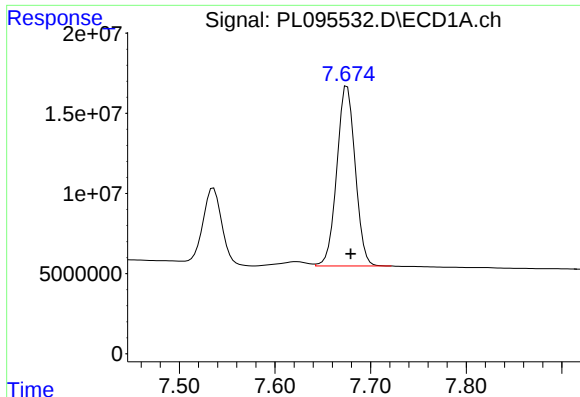
#20 Methoxychlor

R.T.: 7.536 min  
Delta R.T.: -0.004 min  
Response: 62467040  
Conc: 44.78 ng/ml



#20 Methoxychlor

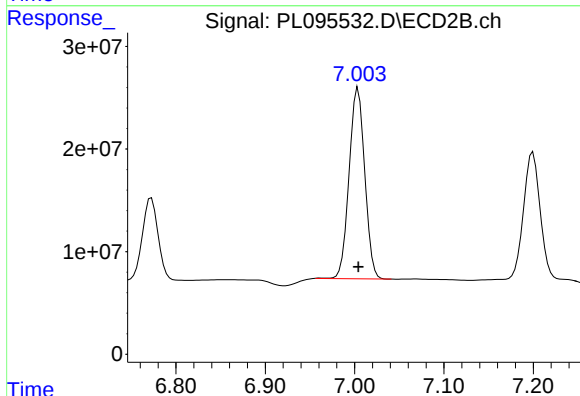
R.T.: 6.772 min  
Delta R.T.: -0.002 min  
Response: 139389759  
Conc: 73.08 ng/ml



#21 Endrin ketone

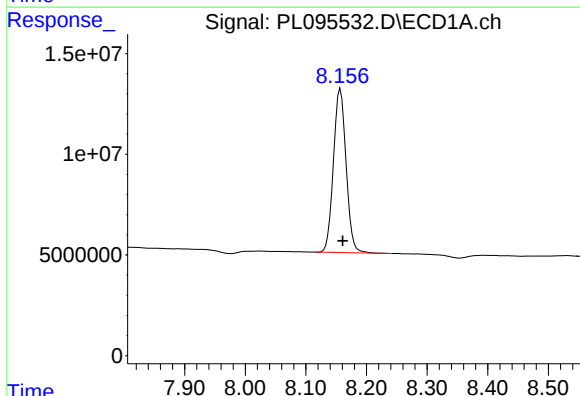
R.T.: 7.675 min  
Delta R.T.: -0.004 min  
Response: 150204921  
Conc: 52.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



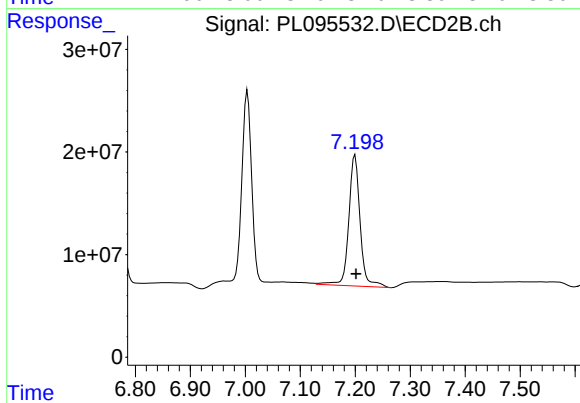
#21 Endrin ketone

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 226438108  
Conc: 64.31 ng/ml



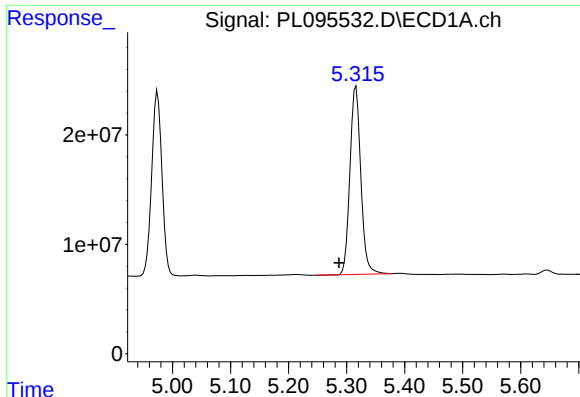
#22 Mirex

R.T.: 8.157 min  
Delta R.T.: -0.004 min  
Response: 117938847  
Conc: 49.64 ng/ml



#22 Mirex

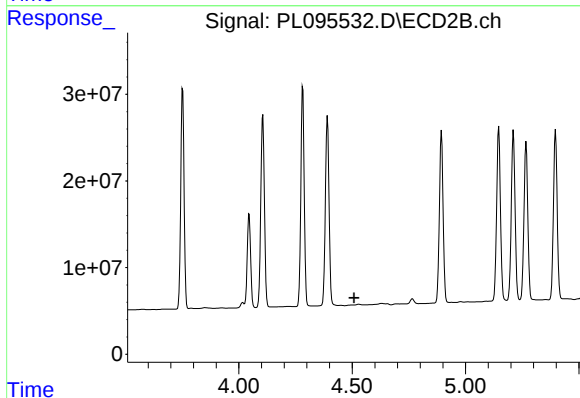
R.T.: 7.200 min  
Delta R.T.: -0.002 min  
Response: 183166555  
Conc: 63.55 ng/ml



#24 Chlordane-2

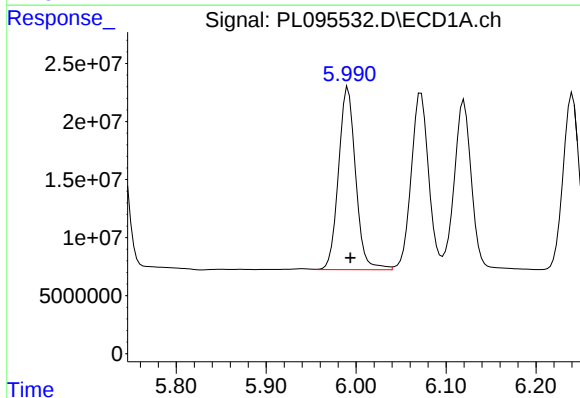
R.T.: 5.316 min  
Delta R.T.: 0.029 min  
Response: 223234915  
Conc: 1054.41 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



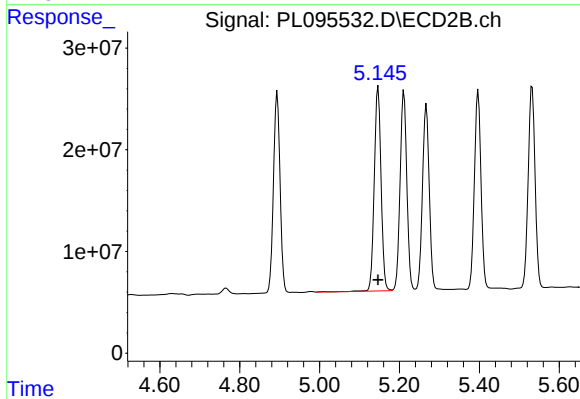
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.508 min  
Response: 0  
Conc: N.D.



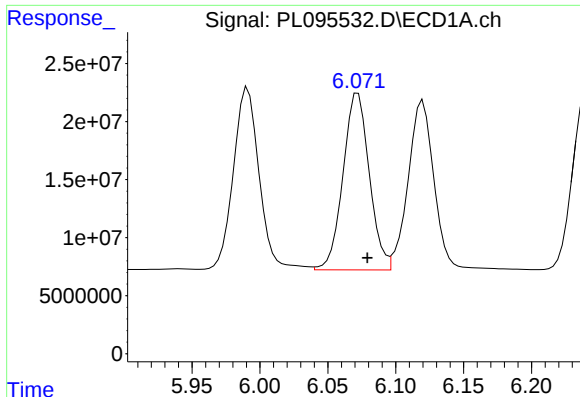
#25 Chlordane-3

R.T.: 5.991 min  
Delta R.T.: -0.003 min  
Response: 208075693  
Conc: 267.13 ng/ml



#25 Chlordane-3

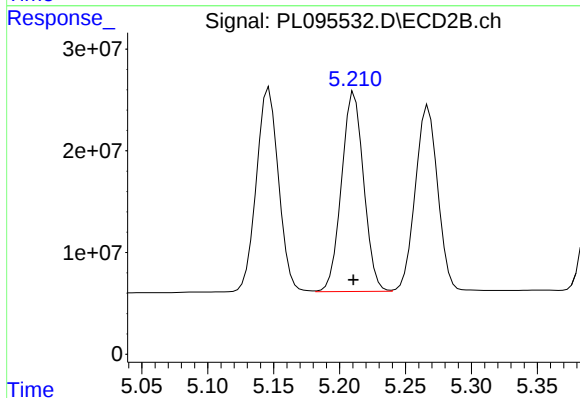
R.T.: 5.147 min  
Delta R.T.: 0.000 min  
Response: 236056472  
Conc: 456.92 ng/ml



#26 Chlordane-4

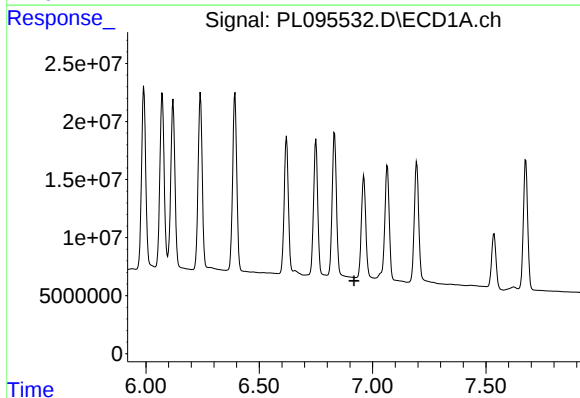
R.T.: 6.072 min  
Delta R.T.: -0.007 min  
Response: 205229272  
Conc: 217.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



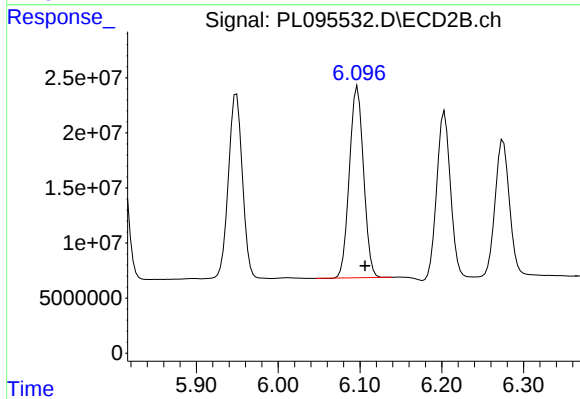
#26 Chlordane-4

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 228963999  
Conc: 526.82 ng/ml



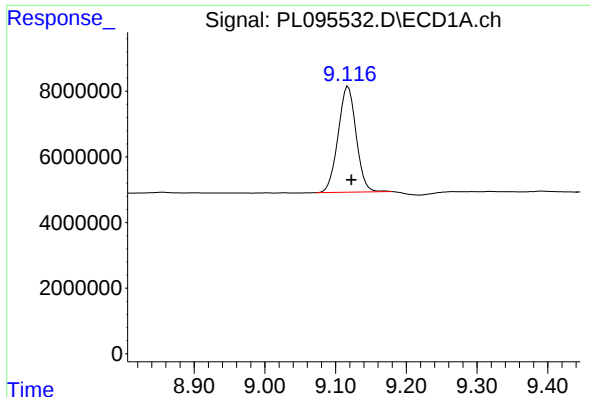
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.919 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

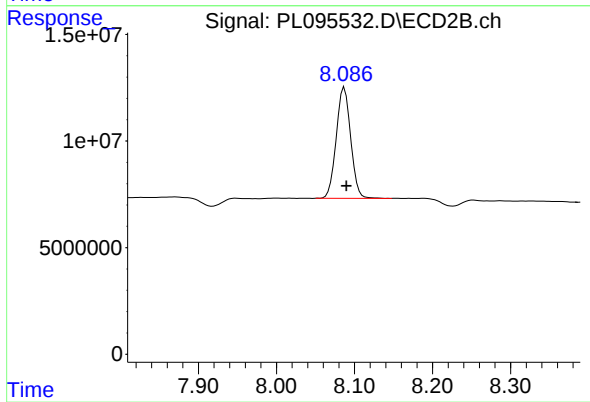
R.T.: 6.097 min  
Delta R.T.: -0.009 min  
Response: 208200241  
Conc: 1127.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.118 min  
Delta R.T.: -0.004 min  
Response: 57125092  
Conc: 20.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



#28 Decachlorobiphenyl

R.T.: 8.087 min  
Delta R.T.: -0.002 min  
Response: 66896101  
Conc: 22.61 ng/ml