

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101725\  
 Data File : PD090683.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Oct 2025 23:56  
 Operator : AR\AJ  
 Sample : Q3363-04MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PR132-SO3-010013-20251015MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 02:33:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101725.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.544  | 2.875  | 59701096 | 412.0E6  | 19.171  | 13.837 #  |
| 28)                         | SA Decachlor... | 9.066  | 8.062  | 61743198 | 295.4E6  | 13.199  | 9.752 #   |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.994  | 3.386  | 335.6E6  | 2058.1E6 | 46.753  | 40.280    |
| 3)                          | MA gamma-BHC... | 4.324  | 3.723  | 311.6E6  | 1880.3E6 | 45.824  | 39.796    |
| 4)                          | MA Heptachlor   | 4.923  | 4.075  | 248.8E6  | 1843.7E6 | 44.514  | 41.336    |
| 5)                          | MB Aldrin       | 5.264  | 4.360  | 302.3E6  | 1844.3E6 | 46.170  | 39.818    |
| 6)                          | B beta-BHC      | 4.512  | 4.019  | 104.9E6  | 880.6E6  | 40.040  | 44.409    |
| 7)                          | B delta-BHC     | 4.760  | 4.255  | 314.6E6  | 1910.5E6 | 46.519  | 40.038    |
| 8)                          | B Heptachlo...  | 5.684  | 4.864  | 260.3E6  | 1862.3E6 | 44.965  | 43.677    |
| 9)                          | A Endosulfan I  | 6.068  | 5.239  | 246.6E6  | 1390.4E6 | 44.541  | 35.298    |
| 10)                         | B gamma-Chl...  | 5.940  | 5.116  | 260.4E6  | 1841.2E6 | 43.898  | 40.962    |
| 11)                         | B alpha-Chl...  | 6.021  | 5.181  | 264.4E6  | 1706.9E6 | 42.783  | 39.569    |
| 12)                         | B 4,4'-DDE      | 6.190  | 5.366  | 219.8E6  | 1598.4E6 | 41.264  | 36.461    |
| 13)                         | MA Dieldrin     | 6.341  | 5.503  | 256.1E6  | 1773.8E6 | 43.915  | 40.146    |
| 14)                         | MA Endrin       | 6.568  | 5.780  | 223.3E6  | 1564.9E6 | 45.070  | 38.645    |
| 15)                         | B Endosulfa...  | 6.781  | 6.072  | 217.0E6  | 1384.5E6 | 43.394  | 36.864    |
| 16)                         | A 4,4'-DDD      | 6.700  | 5.921  | 178.3E6  | 1264.3E6 | 43.978  | 34.698    |
| 17)                         | MA 4,4'-DDT     | 7.016  | 6.174  | 179.9E6  | 1321.9E6 | 43.757  | 37.689    |
| 18)                         | B Endrin al...  | 6.910  | 6.250  | 159.7E6  | 1030.0E6 | 43.608  | 37.194    |
| 19)                         | B Endosulfa...  | 7.145  | 6.474  | 197.4E6  | 1307.8E6 | 42.549  | 36.484    |
| 20)                         | A Methoxychlor  | 7.488  | 6.745  | 91330010 | 654.2E6  | 42.967  | 37.536    |
| 21)                         | B Endrin ke...  | 7.625  | 6.982  | 213.9E6  | 1270.2E6 | 44.019  | 33.676    |
| 22)                         | Mirex           | 8.108  | 7.175  | 118.8E6  | 853.2E6  | 37.108  | 33.211    |
| 23)                         | Chlordane-1     | 4.679f | 3.890  | 309865   | 104.2E6  | 1.640   | 83.587 #  |
| 24)                         | Chlordane-2     | 5.216  | 4.500f | 1673494  | 28728453 | 8.665   | 22.022 #  |
| 25)                         | Chlordane-3     | 5.940  | 5.116  | 260.4E6  | 1841.2E6 | 341.345 | 473.125 # |
| 26)                         | Chlordane-4     | 6.021  | 5.181  | 264.4E6  | 1706.9E6 | 272.898 | 510.867 # |
| 27)                         | Chlordane-5     | 0.000  | 6.072  | 0        | 1384.5E6 | N.D.    | 937.954 # |
| -----                       |                 |        |        |          |          |         |           |

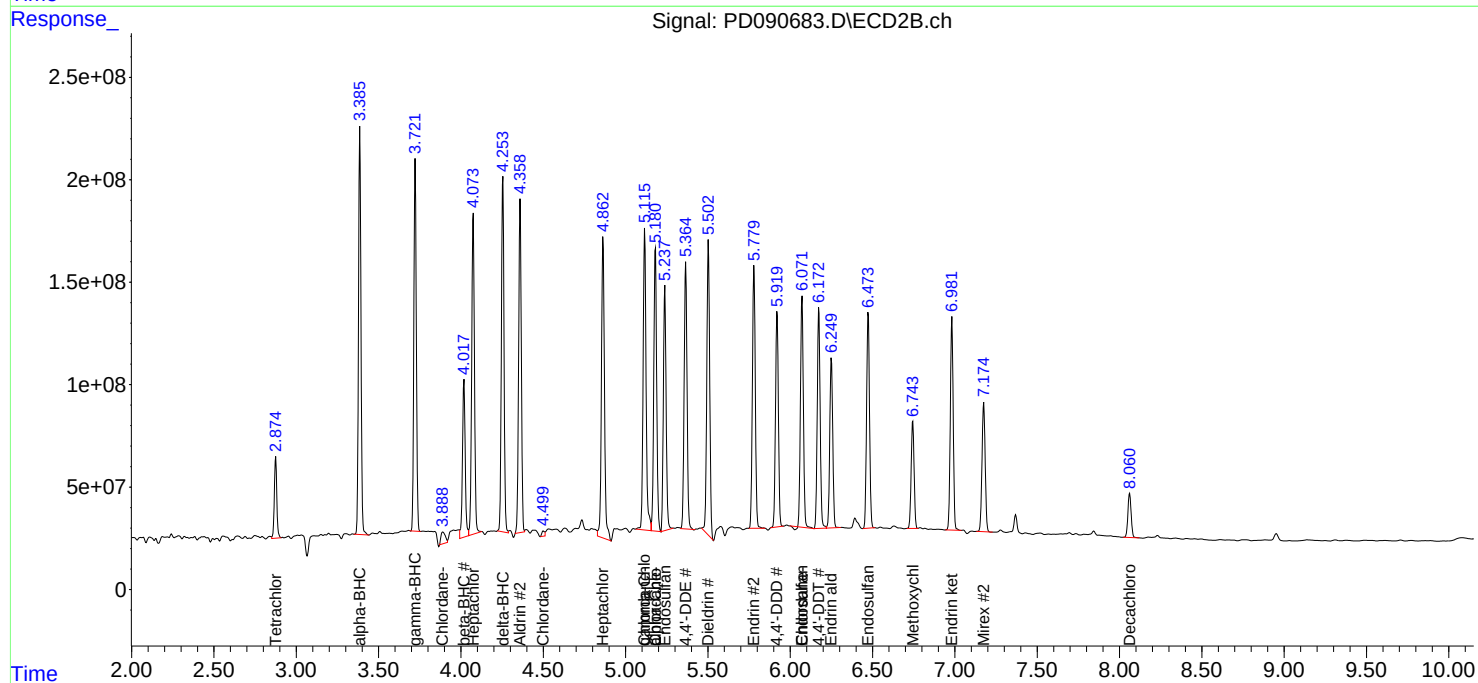
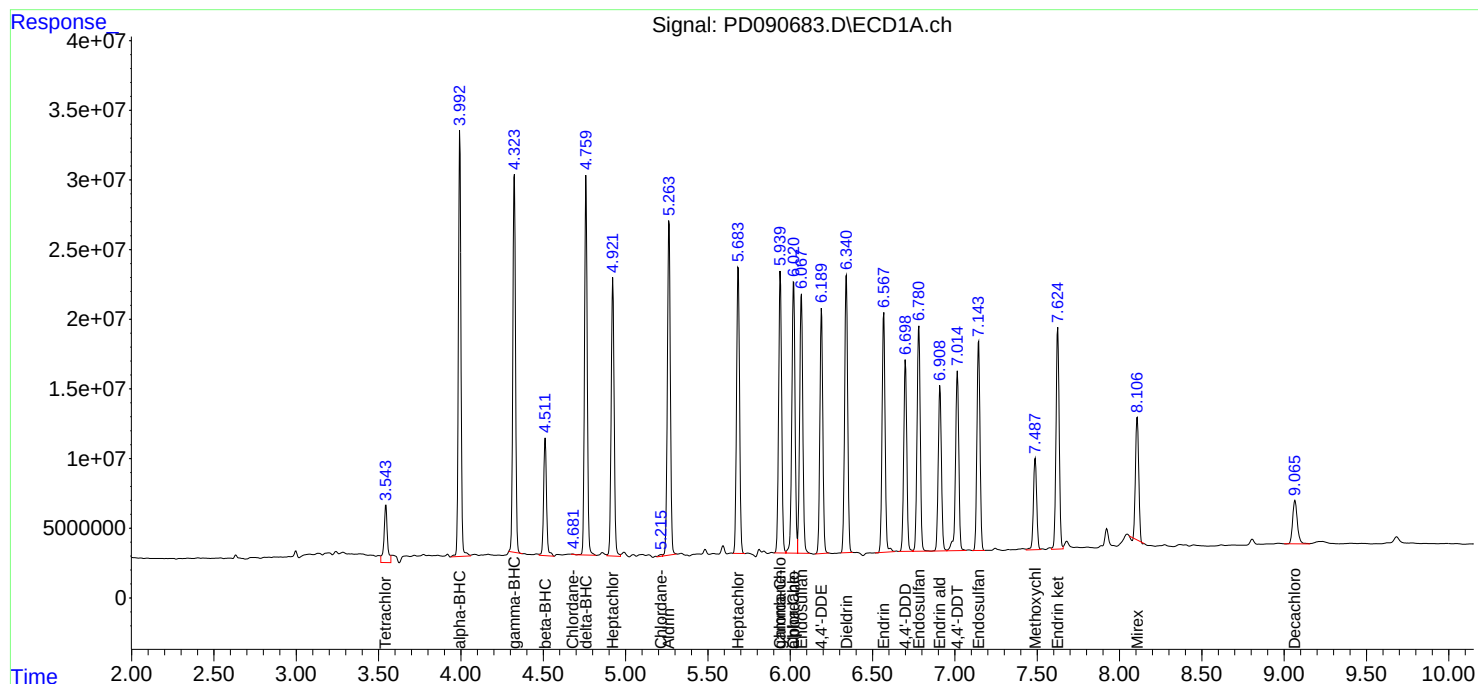
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

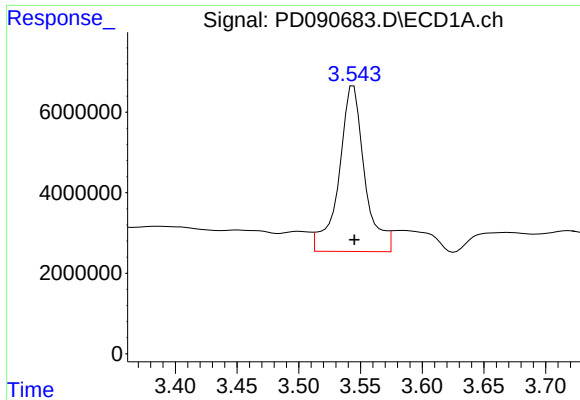
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101725\  
Data File : PD090683.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Oct 2025 23:56  
Operator : AR\AJ  
Sample : Q3363-04MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 02:33:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101725.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm

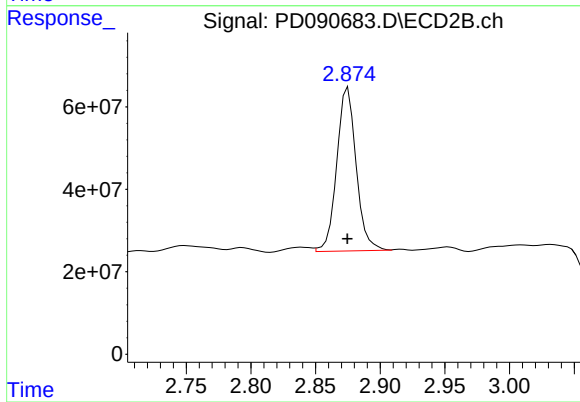




#1 Tetrachloro-m-xylene

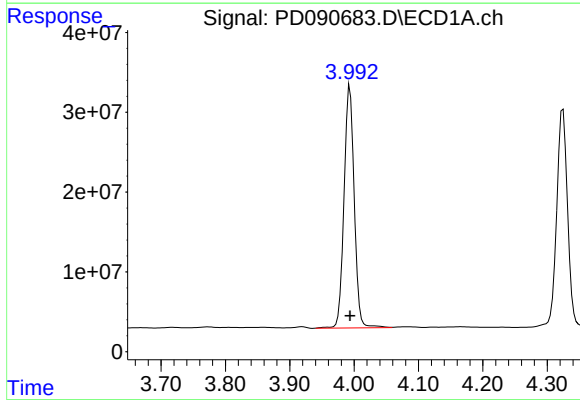
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 59701096  
Conc: 19.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD



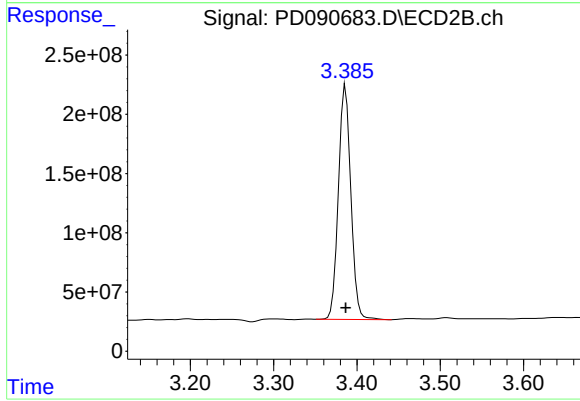
#1 Tetrachloro-m-xylene

R.T.: 2.875 min  
Delta R.T.: 0.000 min  
Response: 412014015  
Conc: 13.84 ng/ml



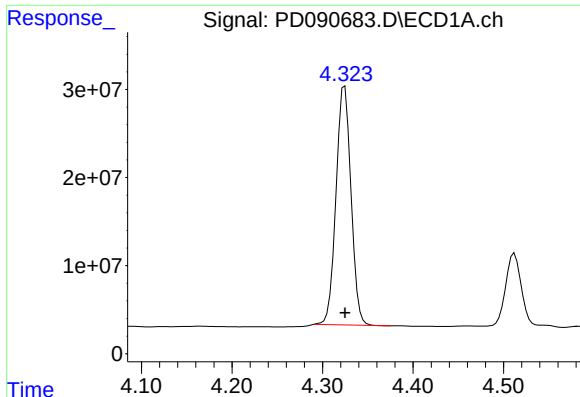
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 335554713  
Conc: 46.75 ng/ml



#2 alpha-BHC

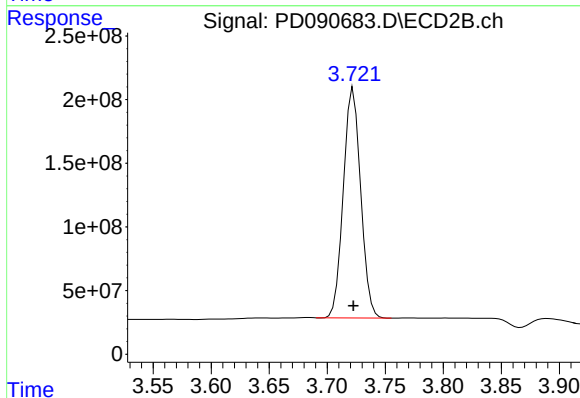
R.T.: 3.386 min  
Delta R.T.: 0.000 min  
Response: 2058147056  
Conc: 40.28 ng/ml



#3 gamma-BHC (Lindane)

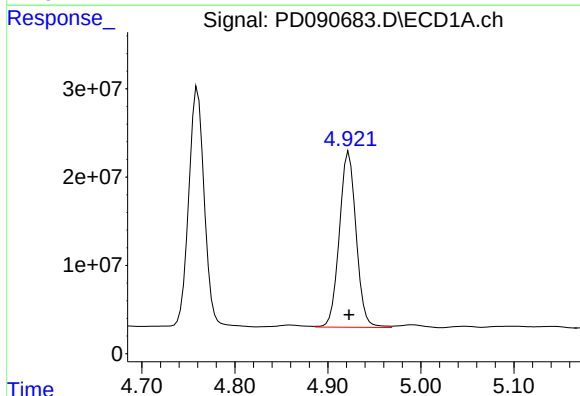
R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 311550671  
Conc: 45.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD



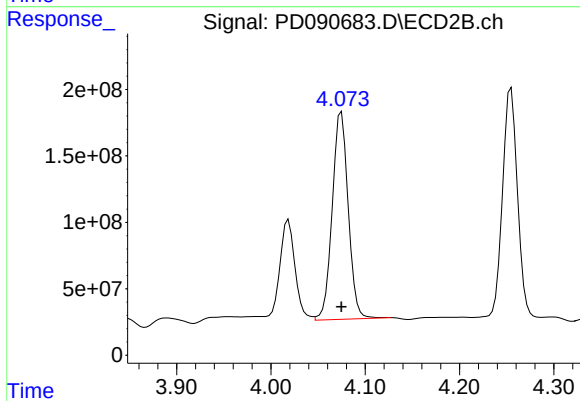
#3 gamma-BHC (Lindane)

R.T.: 3.723 min  
Delta R.T.: 0.000 min  
Response: 1880311983  
Conc: 39.80 ng/ml



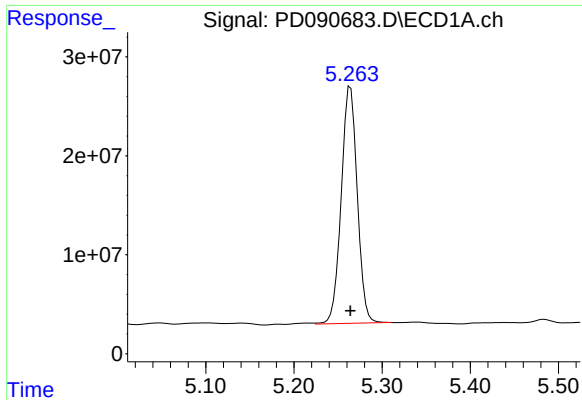
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: 0.000 min  
Response: 248812749  
Conc: 44.51 ng/ml



#4 Heptachlor

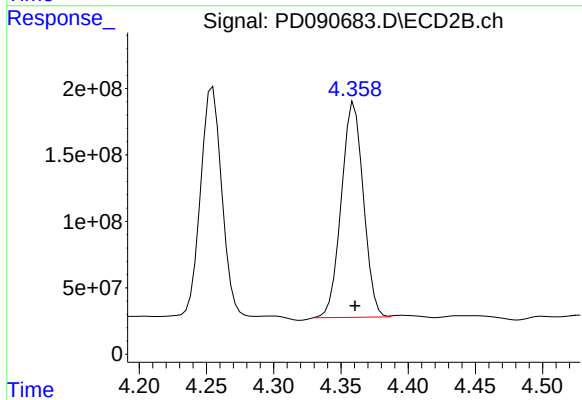
R.T.: 4.075 min  
Delta R.T.: 0.000 min  
Response: 1843699703  
Conc: 41.34 ng/ml



#5 Aldrin

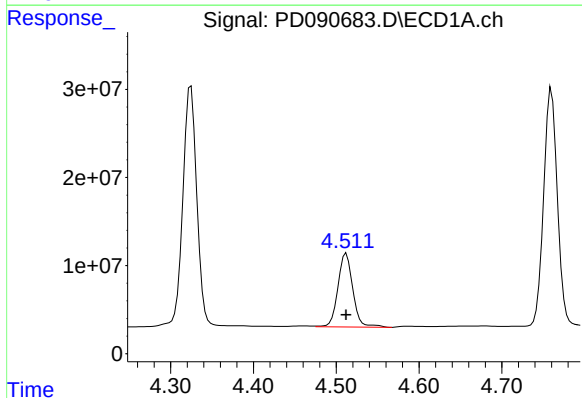
R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 302286392  
Conc: 46.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD



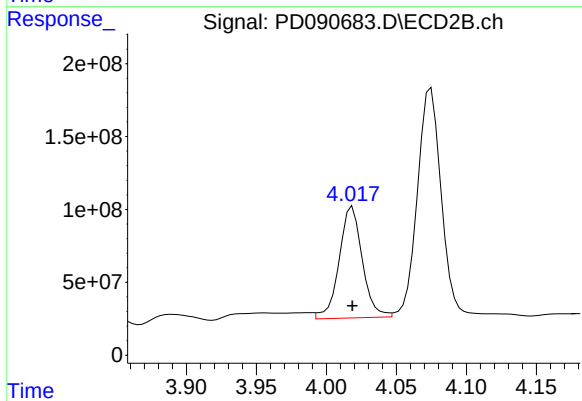
#5 Aldrin

R.T.: 4.360 min  
Delta R.T.: 0.000 min  
Response: 1844333628  
Conc: 39.82 ng/ml



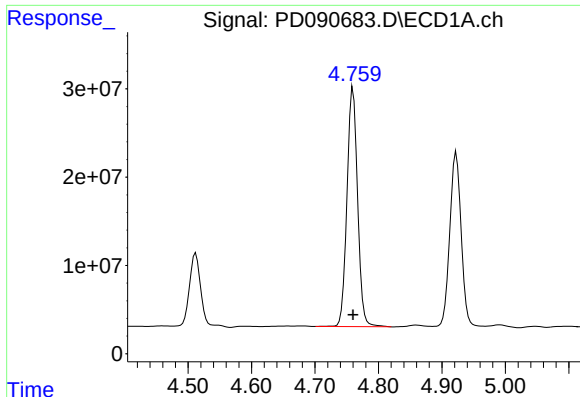
#6 beta-BHC

R.T.: 4.512 min  
Delta R.T.: 0.000 min  
Response: 104889029  
Conc: 40.04 ng/ml



#6 beta-BHC

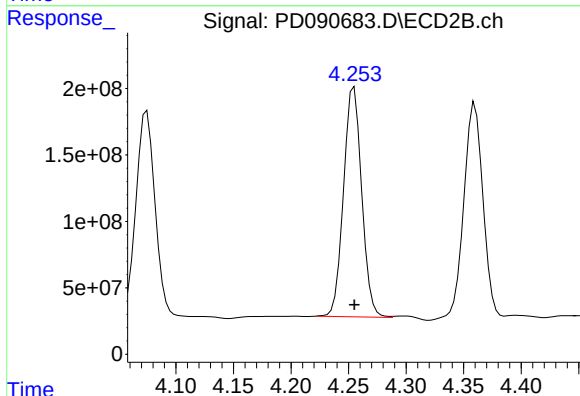
R.T.: 4.019 min  
Delta R.T.: 0.000 min  
Response: 880613584  
Conc: 44.41 ng/ml



#7 delta-BHC

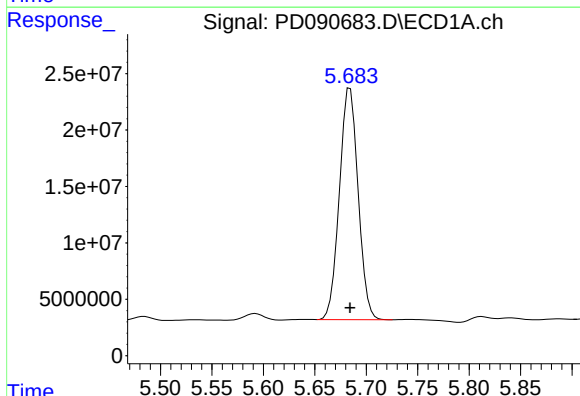
R.T.: 4.760 min  
Delta R.T.: 0.000 min  
Response: 314551580  
Conc: 46.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD



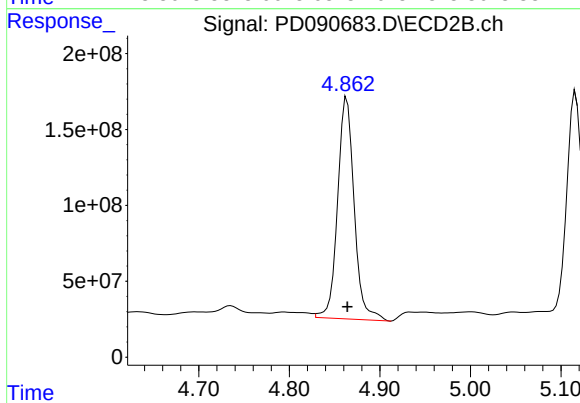
#7 delta-BHC

R.T.: 4.255 min  
Delta R.T.: 0.000 min  
Response: 1910501544  
Conc: 40.04 ng/ml



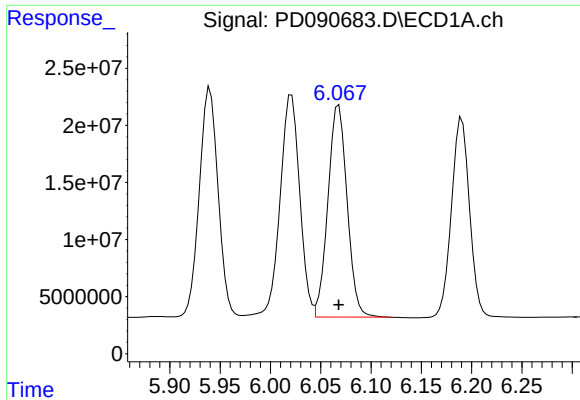
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: 0.000 min  
Response: 260306809  
Conc: 44.97 ng/ml



#8 Heptachlor epoxide

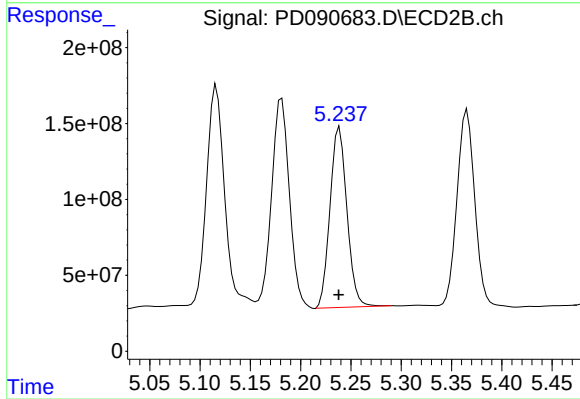
R.T.: 4.864 min  
Delta R.T.: 0.000 min  
Response: 1862348970  
Conc: 43.68 ng/ml



#9 Endosulfan I

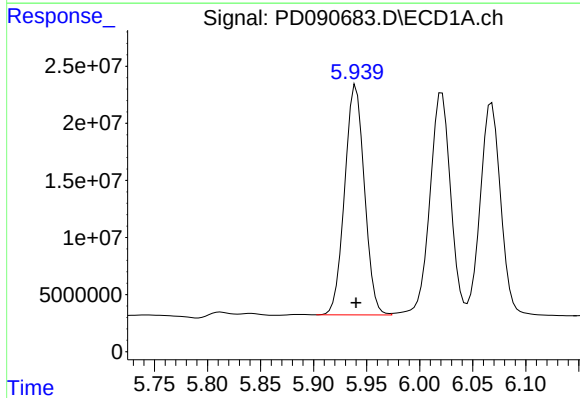
R.T.: 6.068 min  
Delta R.T.: 0.000 min  
Response: 246606994  
Conc: 44.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD



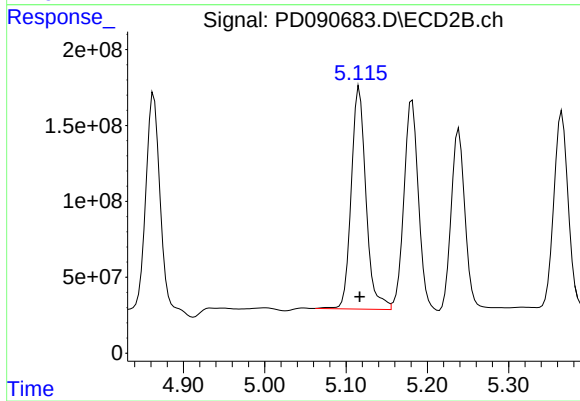
#9 Endosulfan I

R.T.: 5.239 min  
Delta R.T.: 0.000 min  
Response: 1390399325  
Conc: 35.30 ng/ml



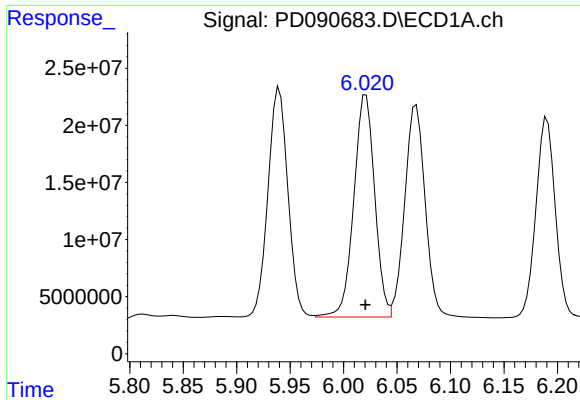
#10 gamma-Chlordane

R.T.: 5.940 min  
Delta R.T.: 0.000 min  
Response: 260364990  
Conc: 43.90 ng/ml



#10 gamma-Chlordane

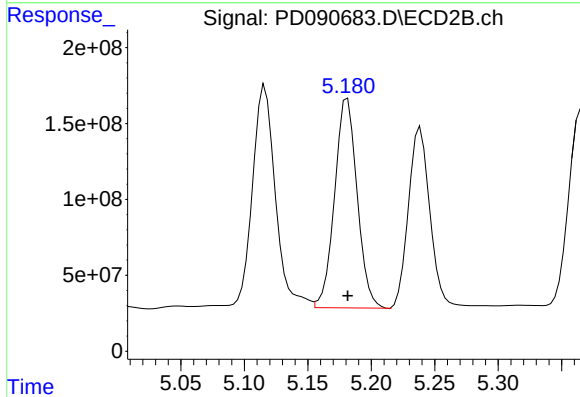
R.T.: 5.116 min  
Delta R.T.: 0.000 min  
Response: 1841198200  
Conc: 40.96 ng/ml



#11 alpha-Chlordane

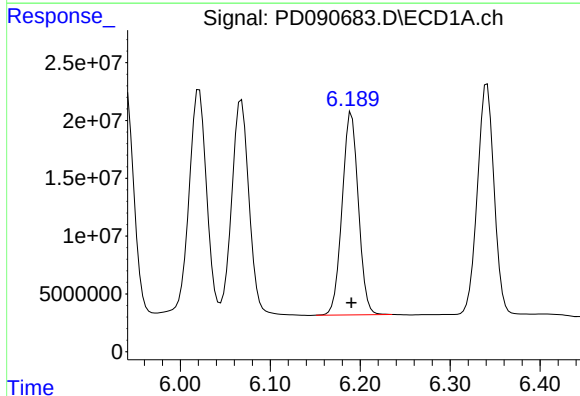
R.T.: 6.021 min  
Delta R.T.: 0.000 min  
Response: 264407286  
Conc: 42.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD



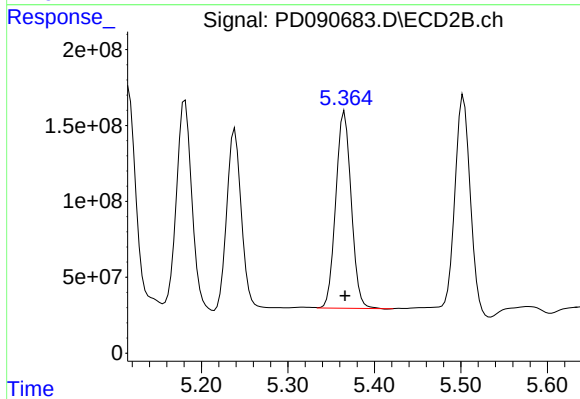
#11 alpha-Chlordane

R.T.: 5.181 min  
Delta R.T.: 0.000 min  
Response: 1706927189  
Conc: 39.57 ng/ml



#12 4,4'-DDE

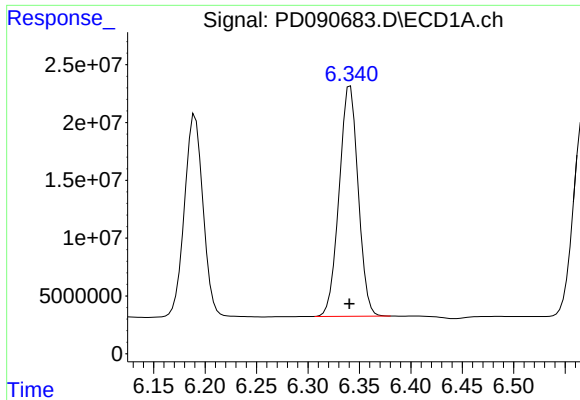
R.T.: 6.190 min  
Delta R.T.: 0.000 min  
Response: 219799396  
Conc: 41.26 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min  
Delta R.T.: 0.000 min  
Response: 1598387778  
Conc: 36.46 ng/ml

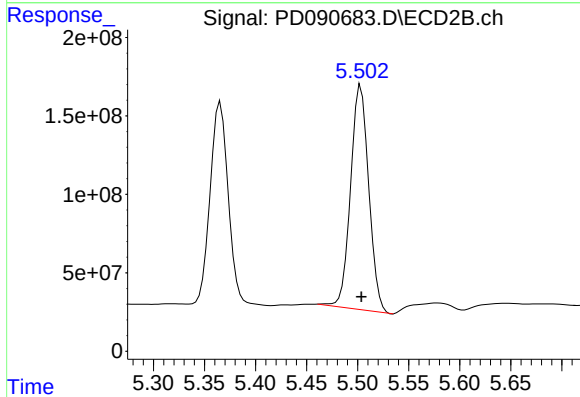




#13 Dieldrin

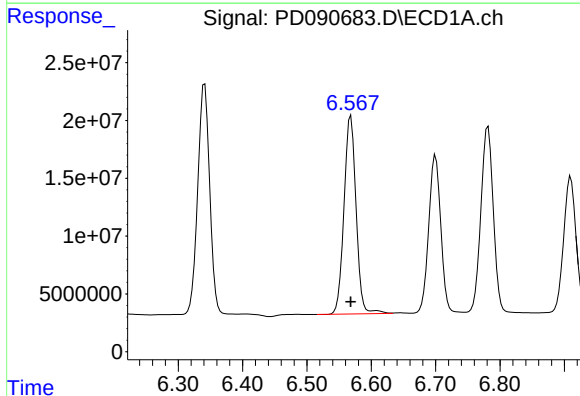
R.T.: 6.341 min  
Delta R.T.: 0.000 min  
Response: 256083353  
Conc: 43.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD



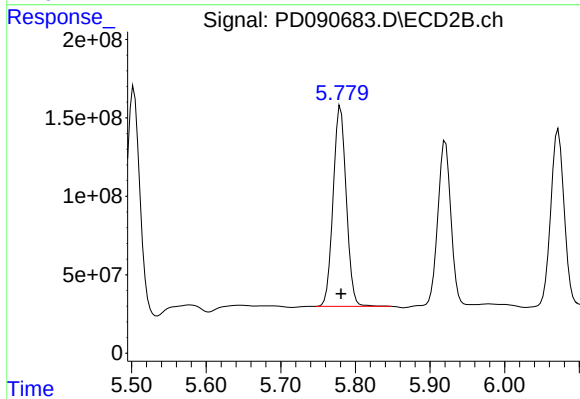
#13 Dieldrin

R.T.: 5.503 min  
Delta R.T.: 0.000 min  
Response: 1773794283  
Conc: 40.15 ng/ml



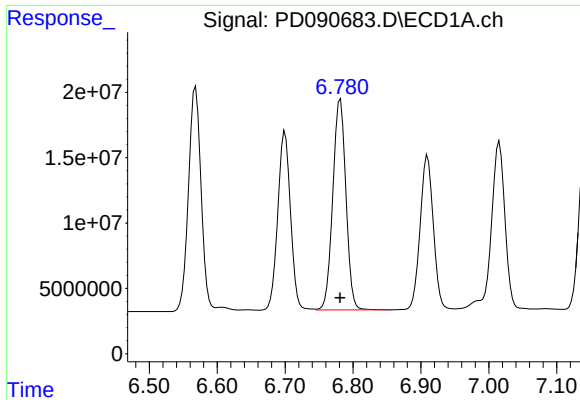
#14 Endrin

R.T.: 6.568 min  
Delta R.T.: 0.000 min  
Response: 223261788  
Conc: 45.07 ng/ml



#14 Endrin

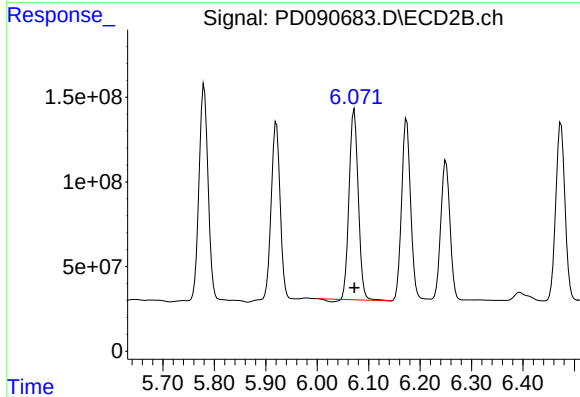
R.T.: 5.780 min  
Delta R.T.: 0.000 min  
Response: 1564894393  
Conc: 38.65 ng/ml



#15 Endosulfan II

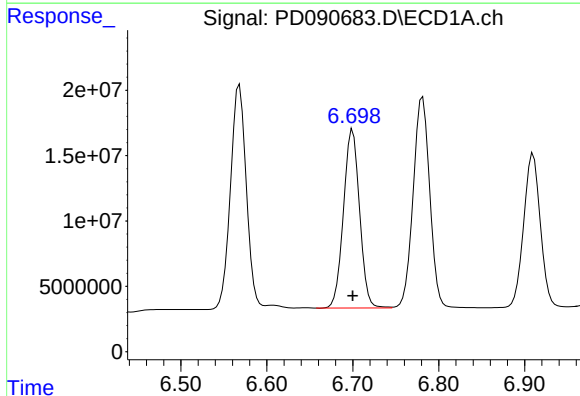
R.T.: 6.781 min  
Delta R.T.: 0.000 min  
Response: 216969415  
Conc: 43.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD



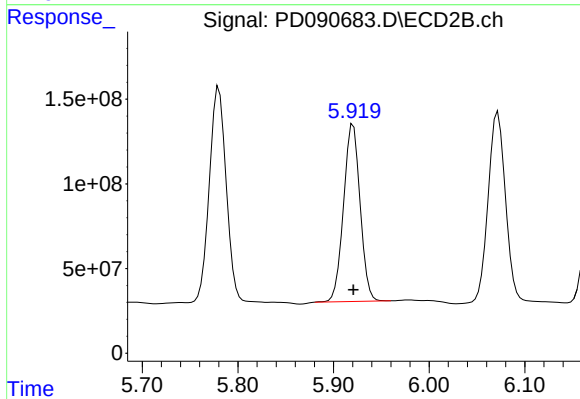
#15 Endosulfan II

R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 1384452333  
Conc: 36.86 ng/ml



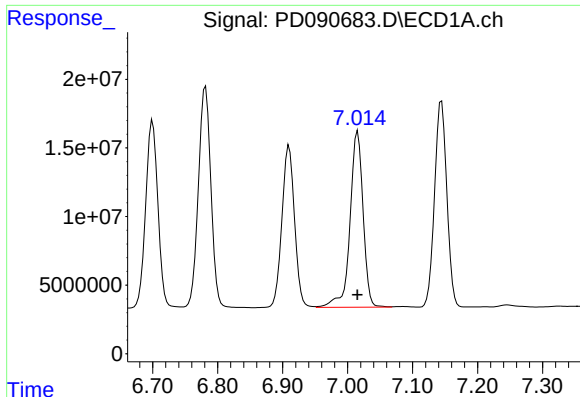
#16 4,4'-DDD

R.T.: 6.700 min  
Delta R.T.: 0.000 min  
Response: 178294481  
Conc: 43.98 ng/ml



#16 4,4'-DDD

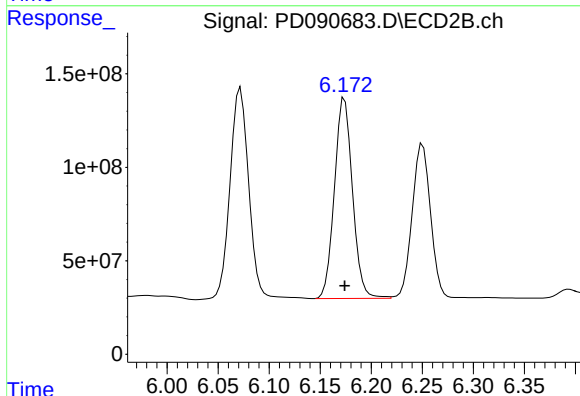
R.T.: 5.921 min  
Delta R.T.: 0.000 min  
Response: 1264325312  
Conc: 34.70 ng/ml



#17 4,4'-DDT

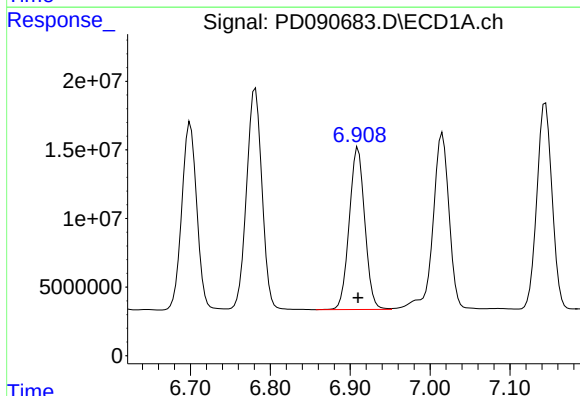
R.T.: 7.016 min  
Delta R.T.: 0.000 min  
Response: 179862617  
Conc: 43.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD



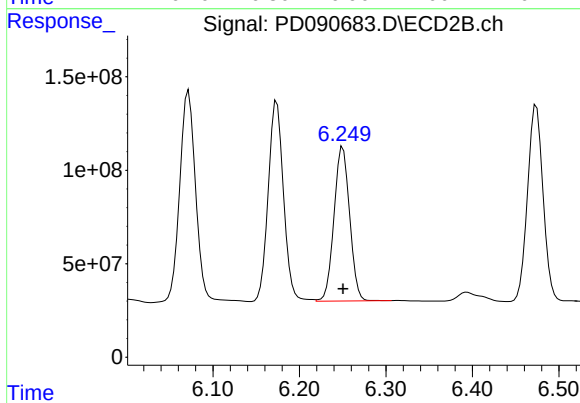
#17 4,4'-DDT

R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 1321886221  
Conc: 37.69 ng/ml



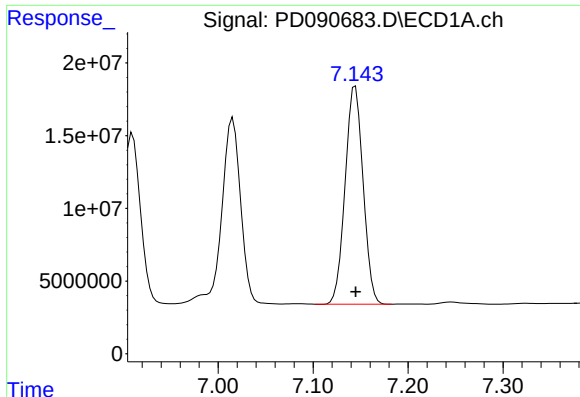
#18 Endrin aldehyde

R.T.: 6.910 min  
Delta R.T.: 0.000 min  
Response: 159721564  
Conc: 43.61 ng/ml



#18 Endrin aldehyde

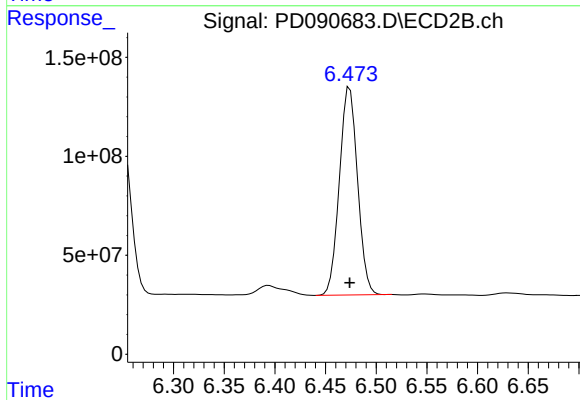
R.T.: 6.250 min  
Delta R.T.: 0.000 min  
Response: 1030004149  
Conc: 37.19 ng/ml



#19 Endosulfan Sulfate

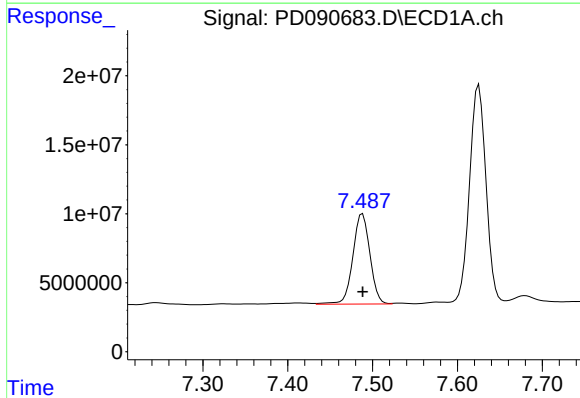
R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 197351892  
Conc: 42.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD



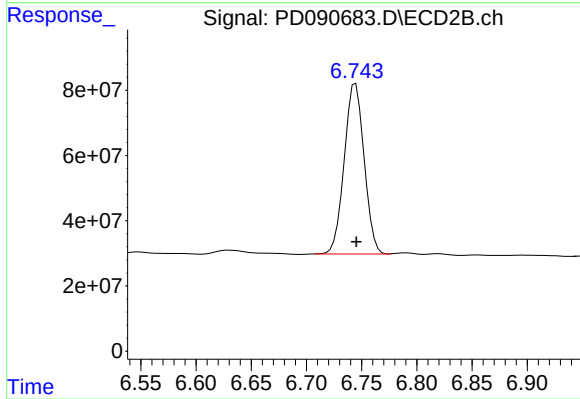
#19 Endosulfan Sulfate

R.T.: 6.474 min  
Delta R.T.: 0.000 min  
Response: 1307772787  
Conc: 36.48 ng/ml



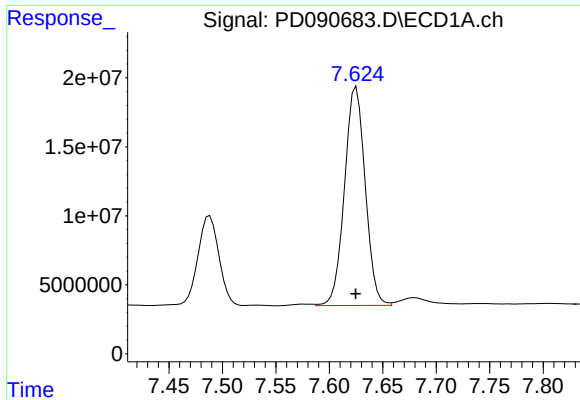
#20 Methoxychlor

R.T.: 7.488 min  
Delta R.T.: 0.000 min  
Response: 91330010  
Conc: 42.97 ng/ml



#20 Methoxychlor

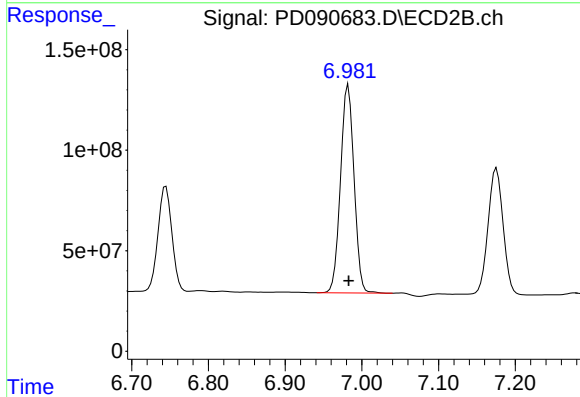
R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 654178585  
Conc: 37.54 ng/ml



#21 Endrin ketone

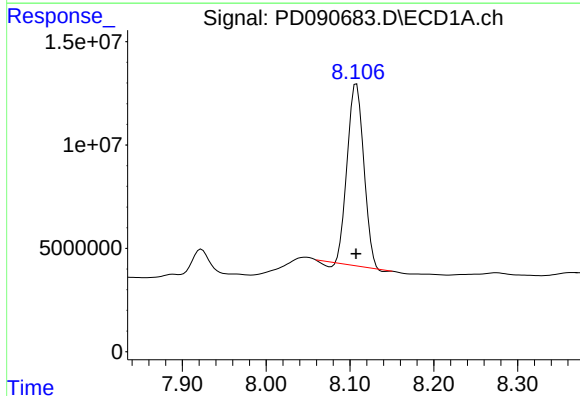
R.T.: 7.625 min  
Delta R.T.: 0.000 min  
Response: 213879941  
Conc: 44.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD



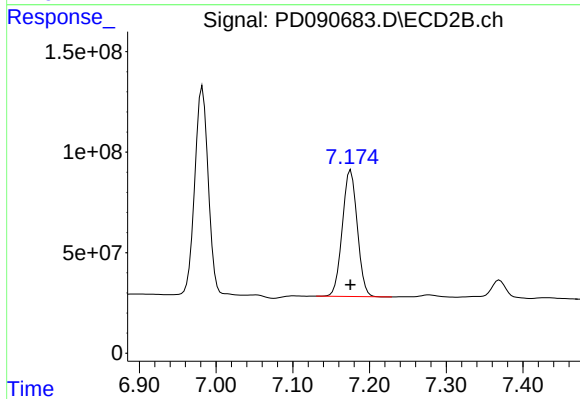
#21 Endrin ketone

R.T.: 6.982 min  
Delta R.T.: 0.000 min  
Response: 1270168384  
Conc: 33.68 ng/ml



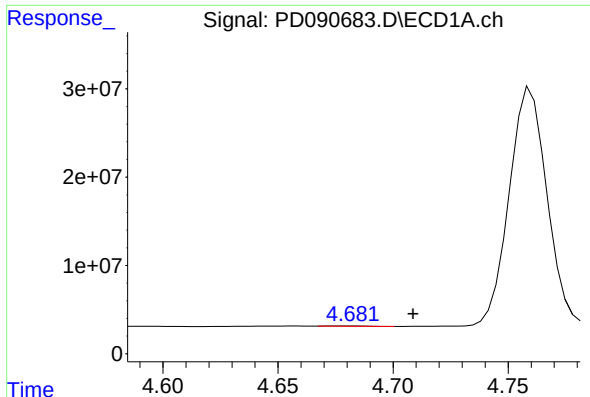
#22 Mirex

R.T.: 8.108 min  
Delta R.T.: 0.000 min  
Response: 118778281  
Conc: 37.11 ng/ml



#22 Mirex

R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 853222972  
Conc: 33.21 ng/ml



#23 Chlordane-1

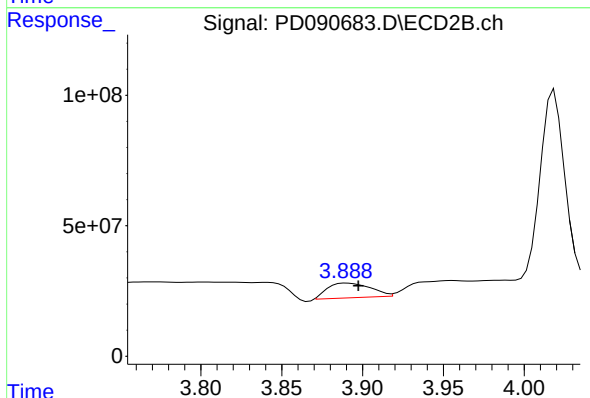
R.T.: 4.679 min  
Delta R.T.: -0.029 min  
Response: 309865  
Conc: 1.64 ng/ml

Instrument :

ECD\_D

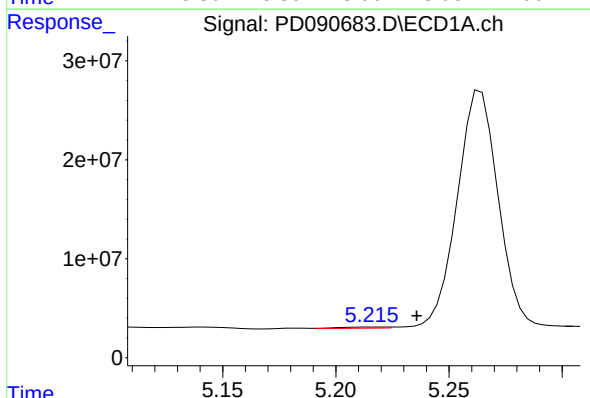
ClientSampleId :

PR132-SO3-010013-20251015MSD



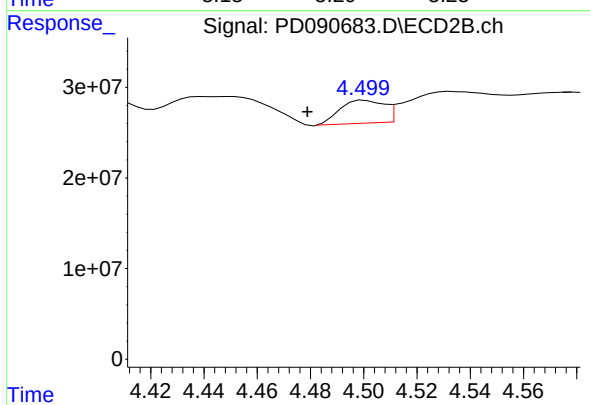
#23 Chlordane-1

R.T.: 3.890 min  
Delta R.T.: -0.007 min  
Response: 104172023  
Conc: 83.59 ng/ml



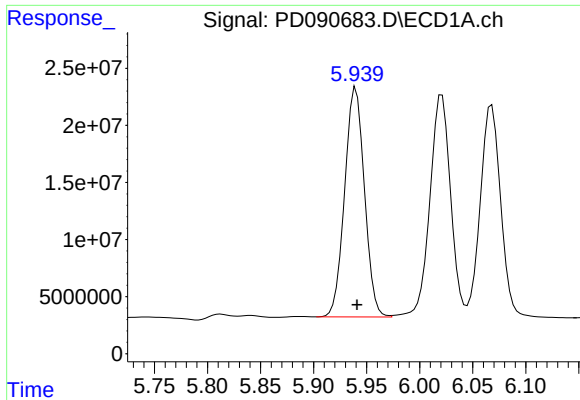
#24 Chlordane-2

R.T.: 5.216 min  
Delta R.T.: -0.019 min  
Response: 1673494  
Conc: 8.67 ng/ml



#24 Chlordane-2

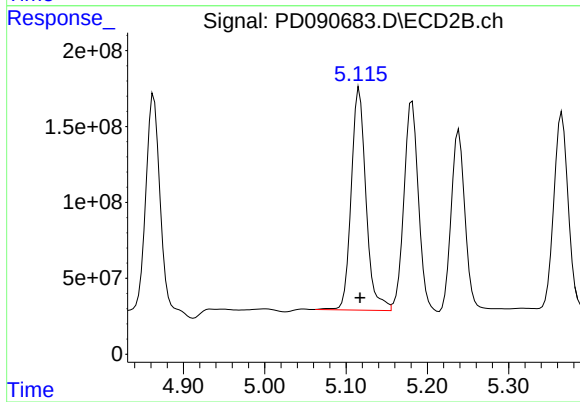
R.T.: 4.500 min  
Delta R.T.: 0.022 min  
Response: 28728453  
Conc: 22.02 ng/ml



#25 Chlordane-3

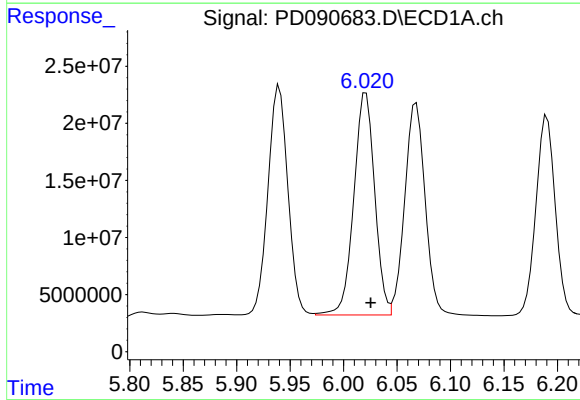
R.T.: 5.940 min  
Delta R.T.: -0.001 min  
Response: 260364990  
Conc: 341.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD



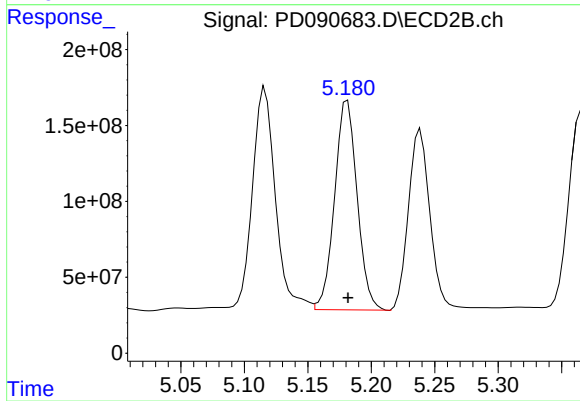
#25 Chlordane-3

R.T.: 5.116 min  
Delta R.T.: 0.000 min  
Response: 1841198200  
Conc: 473.12 ng/ml



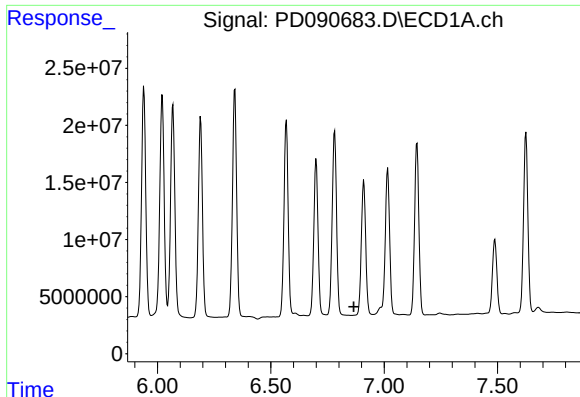
#26 Chlordane-4

R.T.: 6.021 min  
Delta R.T.: -0.004 min  
Response: 264407286  
Conc: 272.90 ng/ml



#26 Chlordane-4

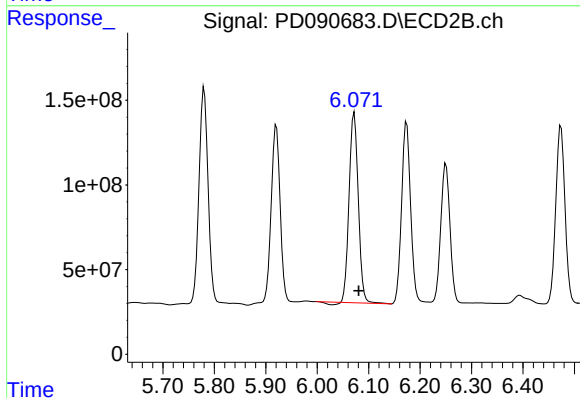
R.T.: 5.181 min  
Delta R.T.: 0.000 min  
Response: 1706927189  
Conc: 510.87 ng/ml



#27 Chlordane-5

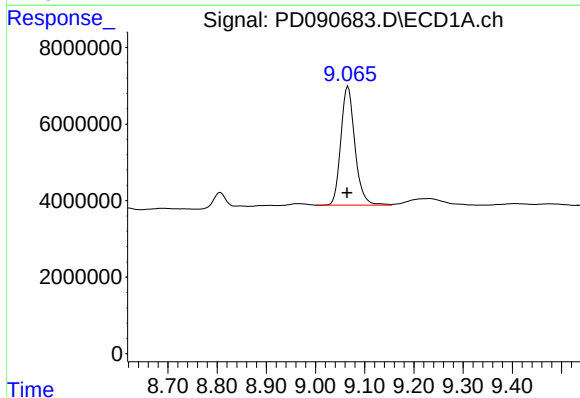
R.T.: 0.000 min  
Exp R.T.: 6.866 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PR132-SO3-010013-20251015MSD



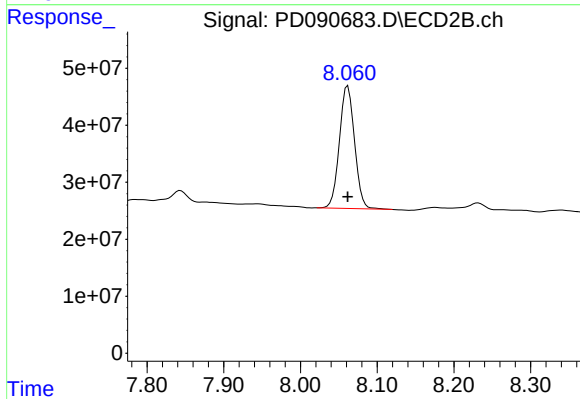
#27 Chlordane-5

R.T.: 6.072 min  
Delta R.T.: -0.009 min  
Response: 1384452333  
Conc: 937.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min  
Delta R.T.: 0.002 min  
Response: 61743198  
Conc: 13.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min  
Delta R.T.: 0.000 min  
Response: 295409697  
Conc: 9.75 ng/ml