

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042225\  
 Data File : PD088210.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 13:29  
 Operator : AR\AJ  
 Sample : Q1832-07MSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 01:17:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 19 06:32:27 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... | 3.552 | 2.883 | 30849308  | 243.0E6  | 15.445  | 16.619    |
| 2)                          | SA Decachlor... | 9.086 | 8.076 | 53261855  | 218.2E6  | 16.100  | 11.808 #  |
| Target Compounds            |                 |       |       |           |          |         |           |
| 2)                          | A alpha-BHC     | 4.002 | 3.396 | 190.3E6   | 954.3E6  | 44.140  | 41.745    |
| 3)                          | MA gamma-BHC... | 4.333 | 3.733 | 192.1E6   | 869.6E6  | 45.878  | 40.373    |
| 4)                          | MA Heptachlor   | 4.932 | 4.087 | 173.3E6   | 857.9E6  | 42.901  | 40.090    |
| 5)                          | MB Aldrin       | 5.274 | 4.373 | 169.9E6   | 814.2E6  | 43.014  | 39.140    |
| 6)                          | B beta-BHC      | 4.518 | 4.028 | 53766428  | 426.2E6  | 33.120  | 46.055 #  |
| 7)                          | B delta-BHC     | 4.766 | 4.265 | 191.7E6   | 865.5E6  | 46.464  | 40.706    |
| 8)                          | B Heptachlo...  | 5.694 | 4.877 | 145.9E6   | 756.0E6  | 40.825  | 40.012    |
| 9)                          | A Endosulfan I  | 6.077 | 5.253 | 167.1E6   | 675.4E6  | 49.473  | 37.495    |
| 10)                         | B gamma-Chl...  | 5.949 | 5.130 | 157.1E6   | 918.7E6  | 43.364  | 45.265    |
| 11)                         | B alpha-Chl...  | 6.029 | 5.194 | 166.4E6   | 879.8E6  | 46.104  | 44.880    |
| 12)                         | B 4,4'-DDE      | 6.199 | 5.380 | 139.3E6   | 922.0E6  | 42.243  | 46.817    |
| 13)                         | MA Dieldrin     | 6.350 | 5.517 | 146.7E6   | 743.1E6  | 41.097  | 37.282    |
| 14)                         | MA Endrin       | 6.577 | 5.793 | 118.5E6   | 795.2E6  | 39.723  | 43.686    |
| 15)                         | B Endosulfa...  | 6.789 | 6.084 | 127.8E6   | 663.8E6  | 40.876  | 37.887    |
| 16)                         | A 4,4'-DDD      | 6.708 | 5.934 | 108.6E6   | 536.2E6  | 43.192  | 32.724    |
| 17)                         | MA 4,4'-DDT     | 7.024 | 6.188 | 147.6E6   | 729.1E6  | 53.131  | 42.849    |
| 18)                         | B Endrin al...  | 6.917 | 6.263 | 95091737  | 499.4E6  | 41.201  | 37.547    |
| 19)                         | B Endosulfa...  | 7.152 | 6.486 | 111.8E6   | 586.3E6  | 38.866  | 34.220    |
| 20)                         | A Methoxychlor  | 7.496 | 6.758 | 44981217  | 289.9E6  | 29.997  | 31.785    |
| 21)                         | B Endrin ke...  | 7.633 | 6.995 | 116.7E6   | 572.1E6  | 37.801  | 30.586    |
| 22)                         | Mirex           | 8.117 | 7.190 | -24524860 | 458.7E6  | N.D.    | 30.951    |
| 23)                         | Chlordane-1     | 4.717 | 3.907 | 2682307   | 92588849 | 16.144  | 115.490 # |
| 24)                         | Chlordane-2     | 5.224 | 4.507 | 2402409   | 6117435  | 14.426  | 7.412 #   |
| 25)                         | Chlordane-3     | 5.949 | 5.130 | 157.1E6   | 918.7E6  | 232.856 | 363.260 # |
| 26)                         | Chlordane-4     | 6.029 | 5.194 | 166.4E6   | 879.8E6  | 204.110 | 411.468 # |
| 27)                         | Chlordane-5     | 6.875 | 6.084 | 54619     | 663.8E6  | 0.402   | 687.541 # |
| -----                       |                 |       |       |           |          |         |           |

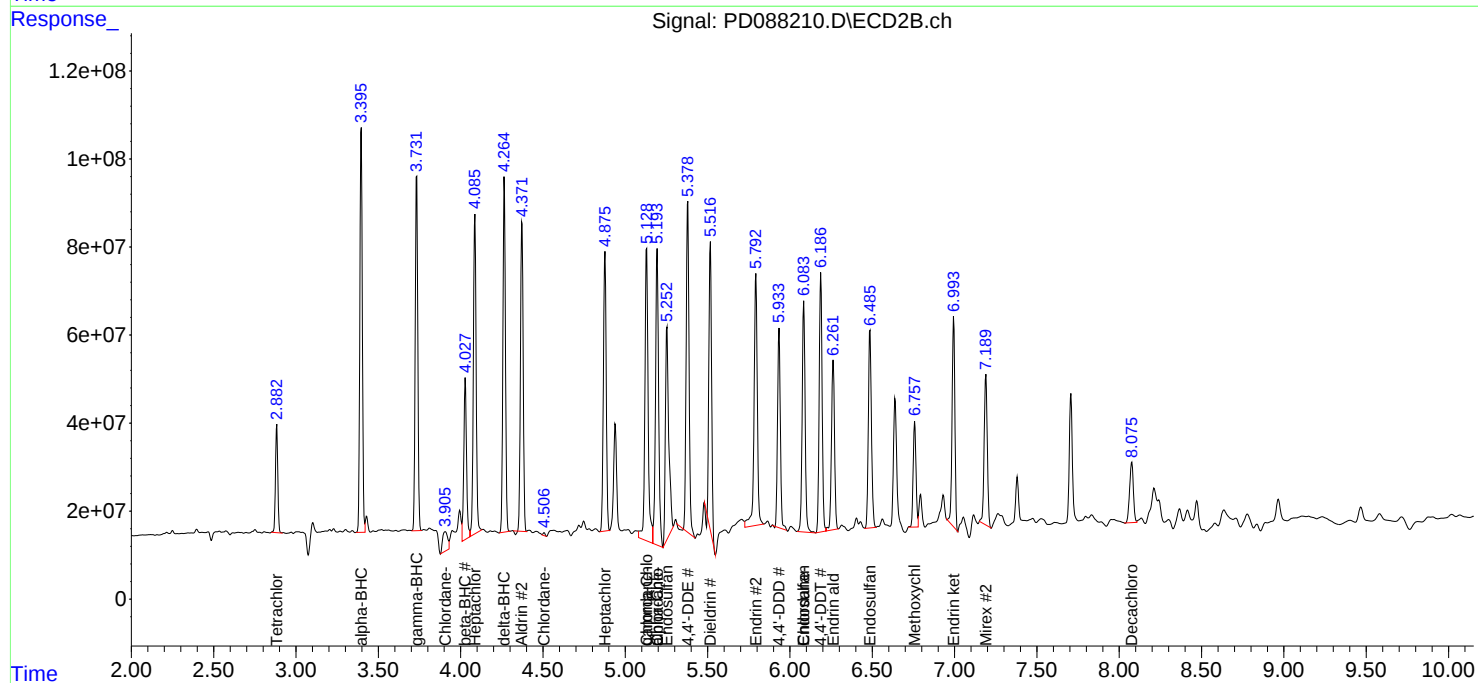
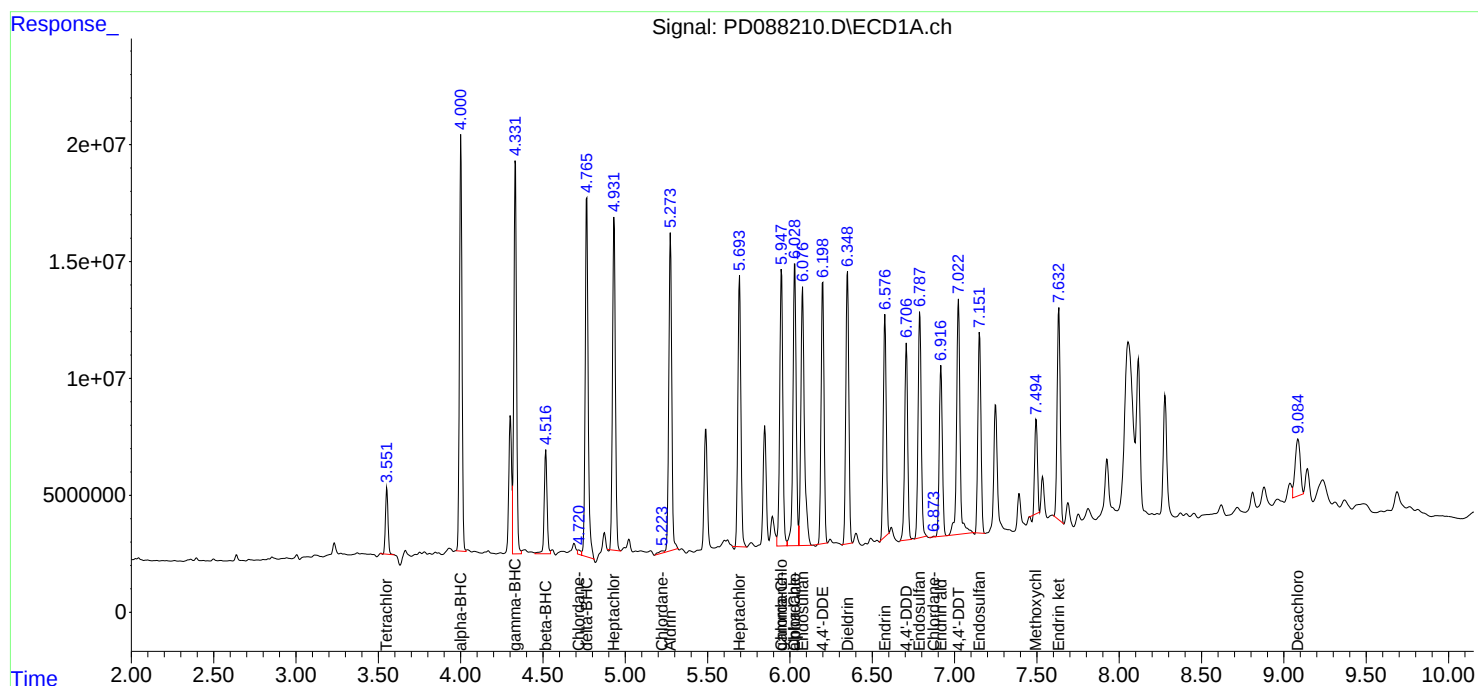
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

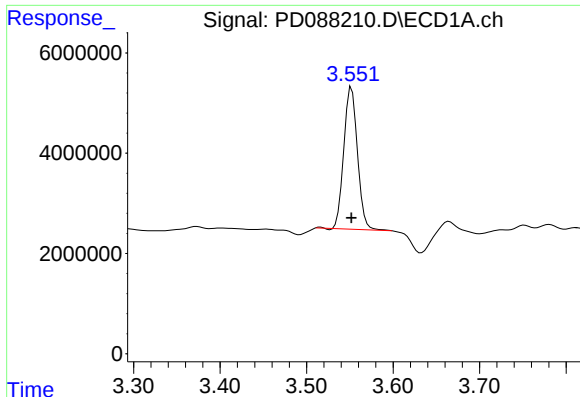
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042225\  
Data File : PD088210.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 13:29  
Operator : AR\AJ  
Sample : Q1832-07MSD  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 01:17:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 19 06:32:27 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

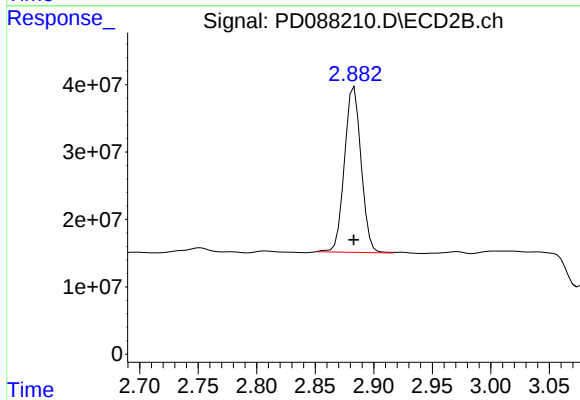




#1 Tetrachloro-m-xylene

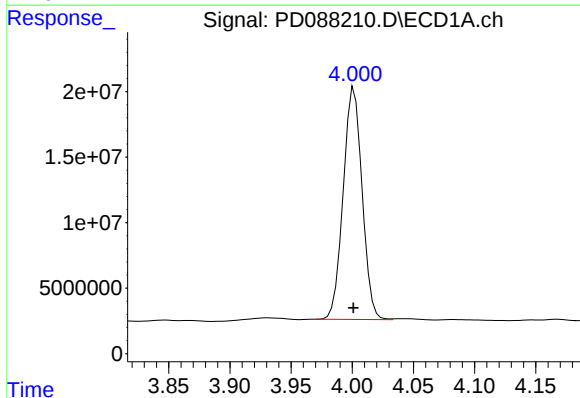
R.T.: 3.552 min  
Delta R.T.: 0.000 min  
Response: 30849308  
Conc: 15.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



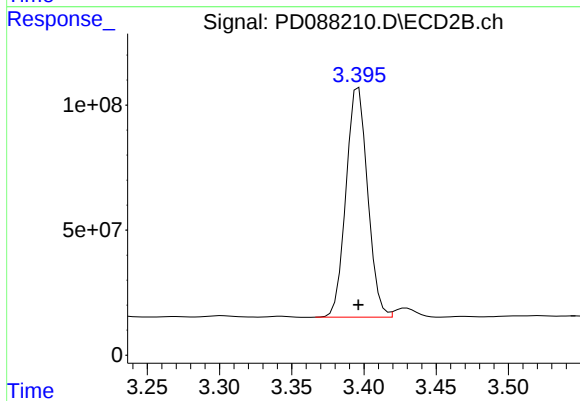
#1 Tetrachloro-m-xylene

R.T.: 2.883 min  
Delta R.T.: 0.000 min  
Response: 242999071  
Conc: 16.62 ng/ml



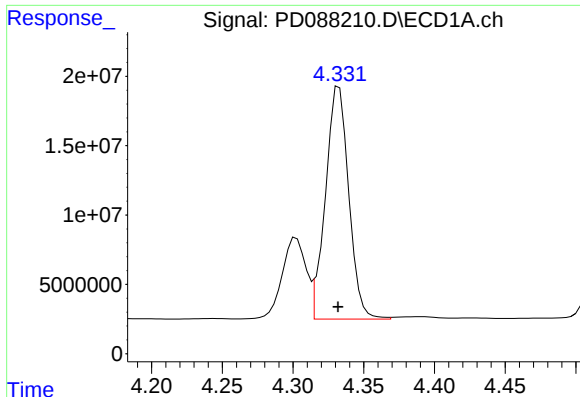
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 190332391  
Conc: 44.14 ng/ml



#2 alpha-BHC

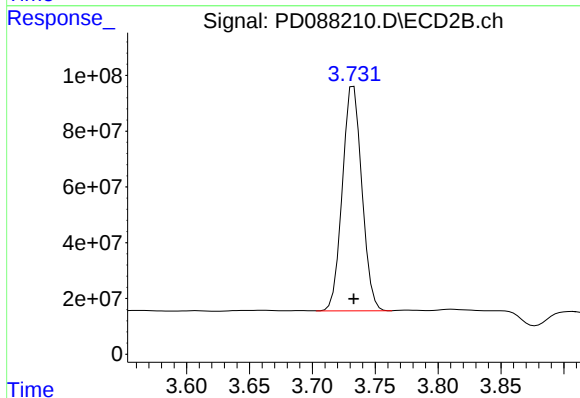
R.T.: 3.396 min  
Delta R.T.: 0.000 min  
Response: 954343091  
Conc: 41.74 ng/ml



#3 gamma-BHC (Lindane)

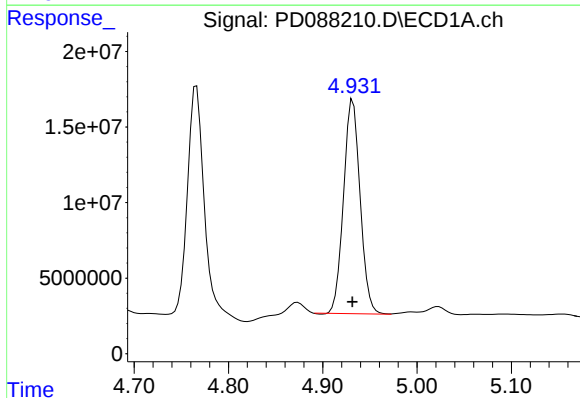
R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 192115974  
Conc: 45.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



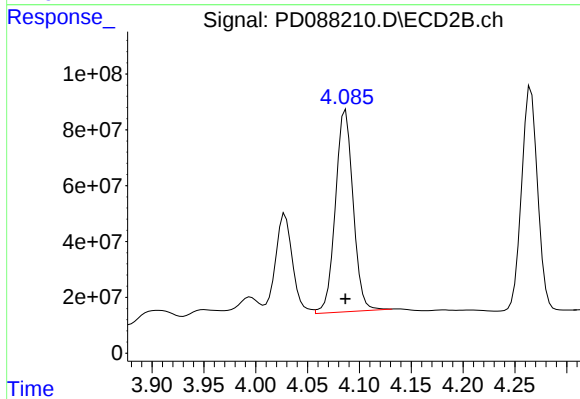
#3 gamma-BHC (Lindane)

R.T.: 3.733 min  
Delta R.T.: 0.000 min  
Response: 869578387  
Conc: 40.37 ng/ml



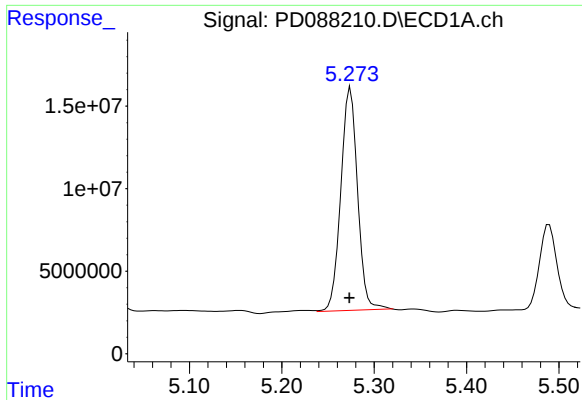
#4 Heptachlor

R.T.: 4.932 min  
Delta R.T.: 0.000 min  
Response: 173275983  
Conc: 42.90 ng/ml



#4 Heptachlor

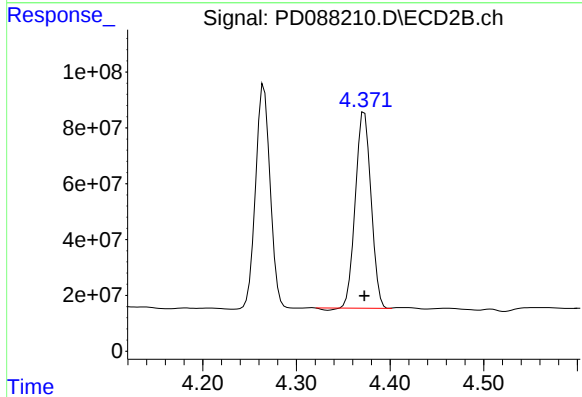
R.T.: 4.087 min  
Delta R.T.: 0.000 min  
Response: 857857319  
Conc: 40.09 ng/ml



#5 Aldrin

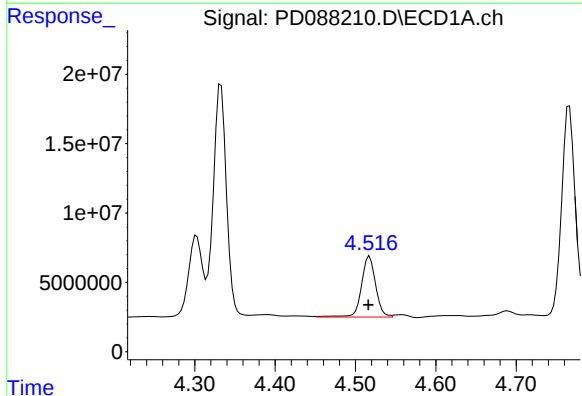
R.T.: 5.274 min  
Delta R.T.: 0.001 min  
Response: 169887254  
Conc: 43.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



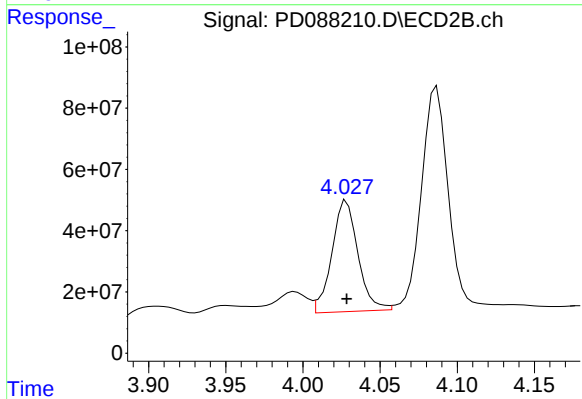
#5 Aldrin

R.T.: 4.373 min  
Delta R.T.: 0.000 min  
Response: 814224161  
Conc: 39.14 ng/ml



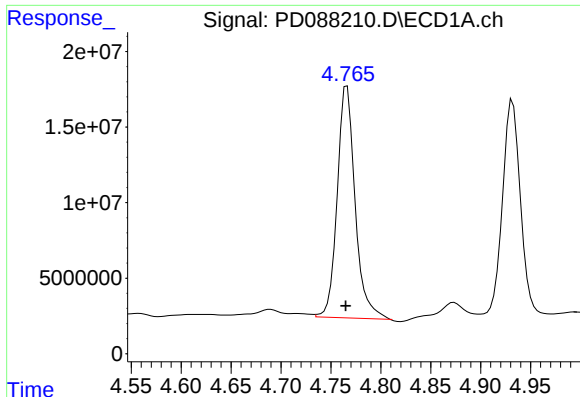
#6 beta-BHC

R.T.: 4.518 min  
Delta R.T.: 0.001 min  
Response: 53766428  
Conc: 33.12 ng/ml



#6 beta-BHC

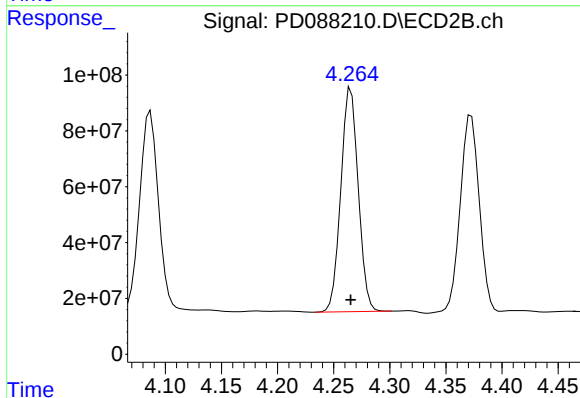
R.T.: 4.028 min  
Delta R.T.: 0.000 min  
Response: 426195032  
Conc: 46.05 ng/ml



#7 delta-BHC

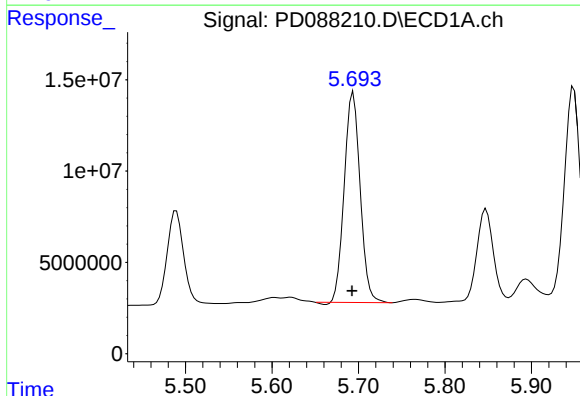
R.T.: 4.766 min  
Delta R.T.: 0.001 min  
Response: 191662319  
Conc: 46.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



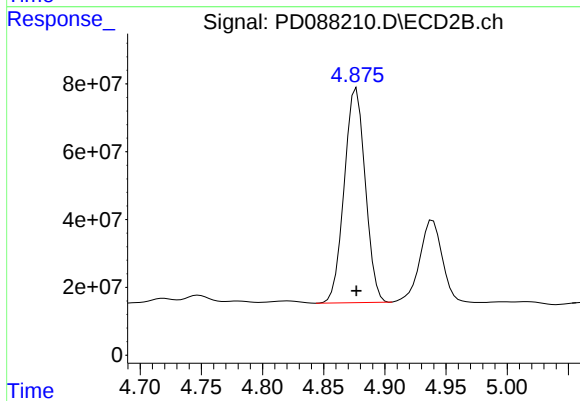
#7 delta-BHC

R.T.: 4.265 min  
Delta R.T.: 0.000 min  
Response: 865483137  
Conc: 40.71 ng/ml



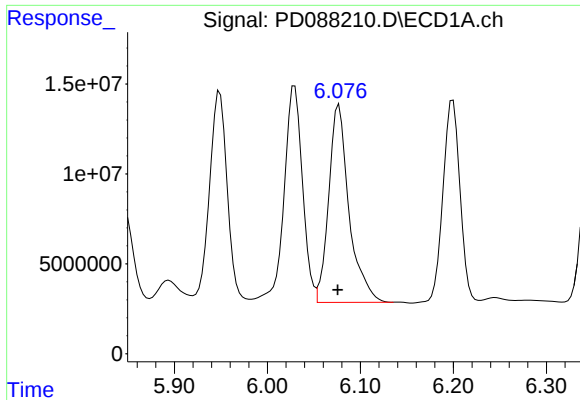
#8 Heptachlor epoxide

R.T.: 5.694 min  
Delta R.T.: 0.001 min  
Response: 145907388  
Conc: 40.83 ng/ml



#8 Heptachlor epoxide

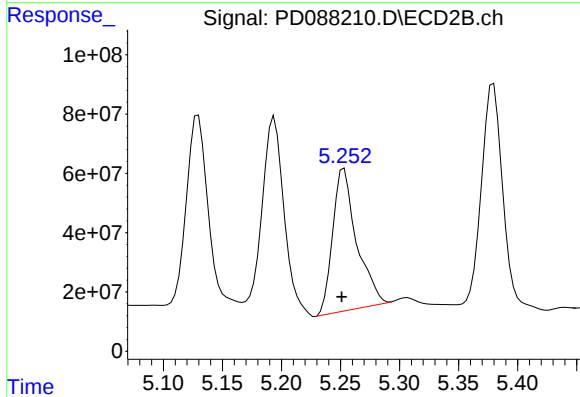
R.T.: 4.877 min  
Delta R.T.: 0.000 min  
Response: 756008622  
Conc: 40.01 ng/ml



#9 Endosulfan I

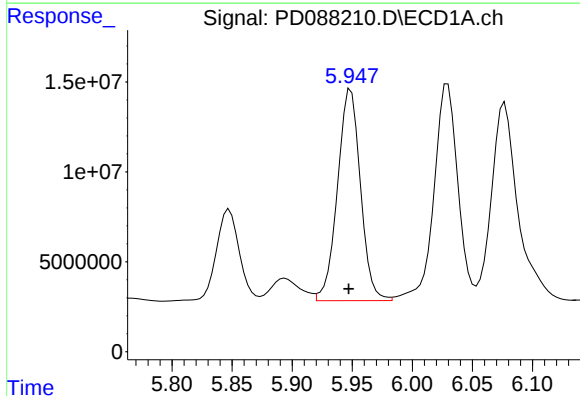
R.T.: 6.077 min  
Delta R.T.: 0.001 min  
Response: 167078654  
Conc: 49.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



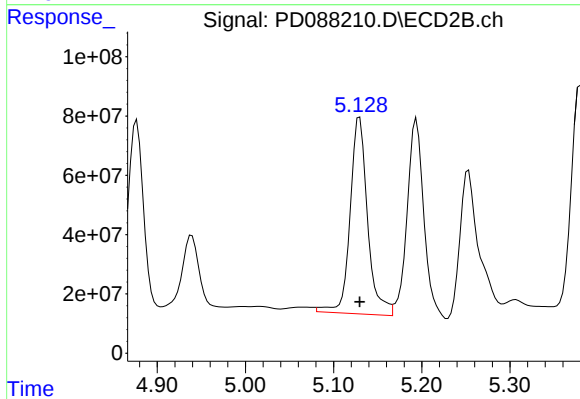
#9 Endosulfan I

R.T.: 5.253 min  
Delta R.T.: 0.002 min  
Response: 675384874  
Conc: 37.50 ng/ml



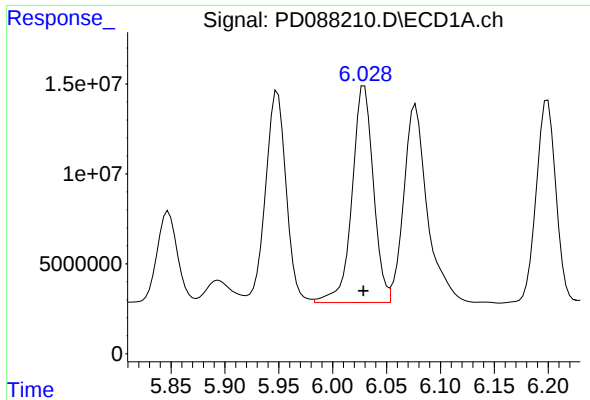
#10 gamma-Chlordane

R.T.: 5.949 min  
Delta R.T.: 0.002 min  
Response: 157068466  
Conc: 43.36 ng/ml



#10 gamma-Chlordane

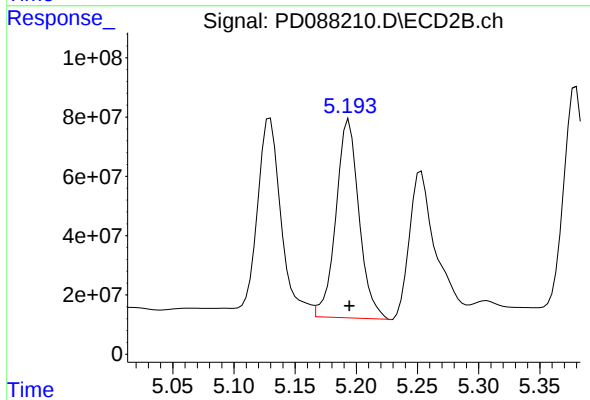
R.T.: 5.130 min  
Delta R.T.: 0.000 min  
Response: 918699262  
Conc: 45.27 ng/ml



#11 alpha-Chlordane

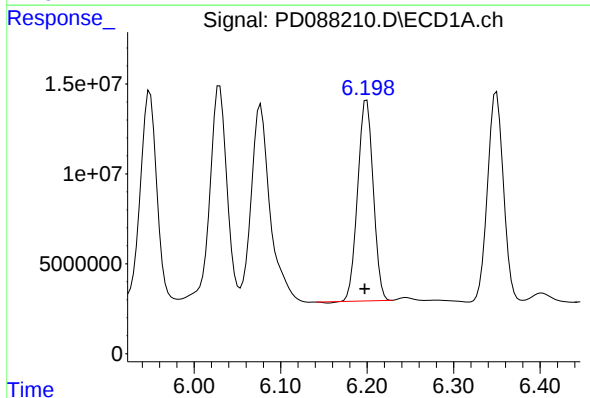
R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 166416195  
Conc: 46.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



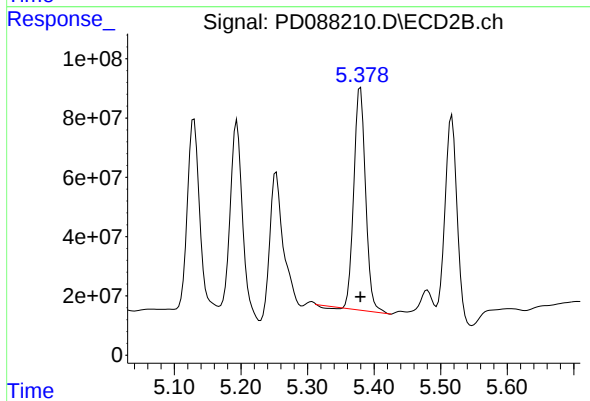
#11 alpha-Chlordane

R.T.: 5.194 min  
Delta R.T.: 0.000 min  
Response: 879781134  
Conc: 44.88 ng/ml



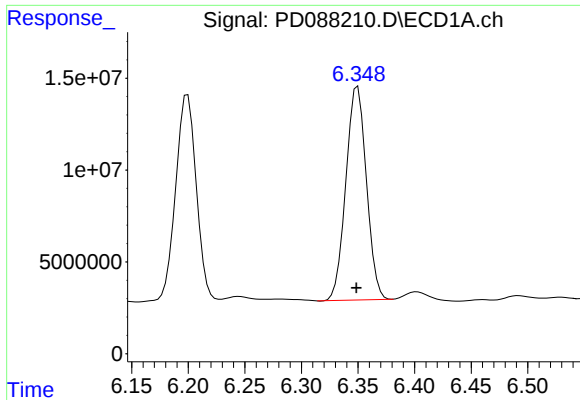
#12 4,4'-DDE

R.T.: 6.199 min  
Delta R.T.: 0.002 min  
Response: 139328379  
Conc: 42.24 ng/ml



#12 4,4'-DDE

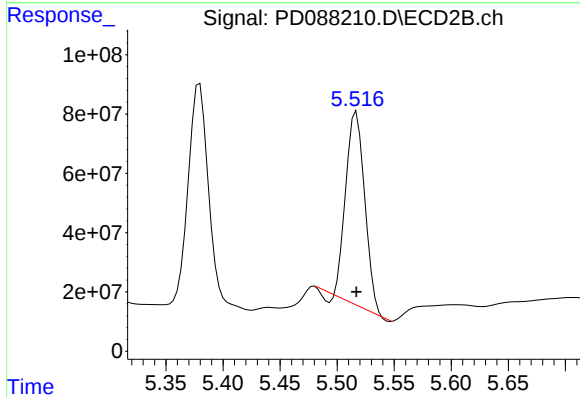
R.T.: 5.380 min  
Delta R.T.: 0.000 min  
Response: 922006508  
Conc: 46.82 ng/ml



#13 Dieldrin

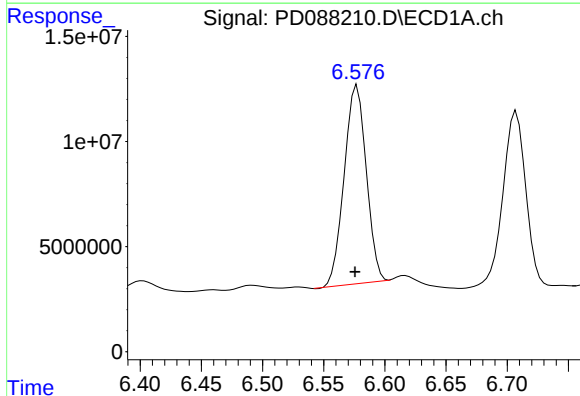
R.T.: 6.350 min  
Delta R.T.: 0.001 min  
Response: 146655924  
Conc: 41.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



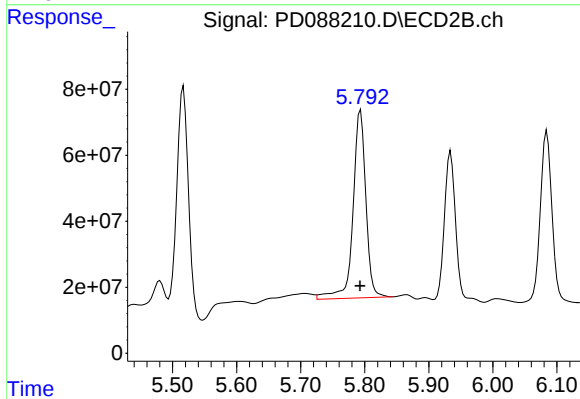
#13 Dieldrin

R.T.: 5.517 min  
Delta R.T.: 0.000 min  
Response: 743139205  
Conc: 37.28 ng/ml



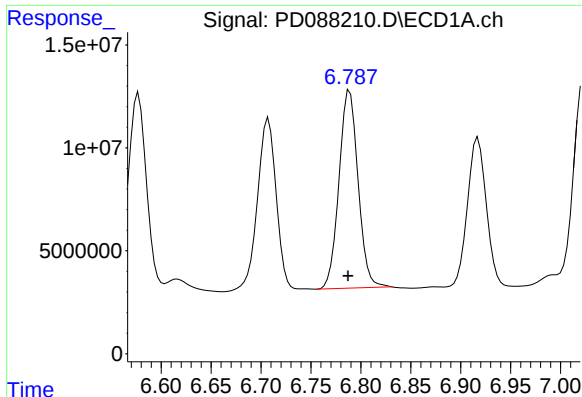
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: 0.002 min  
Response: 118475545  
Conc: 39.72 ng/ml



#14 Endrin

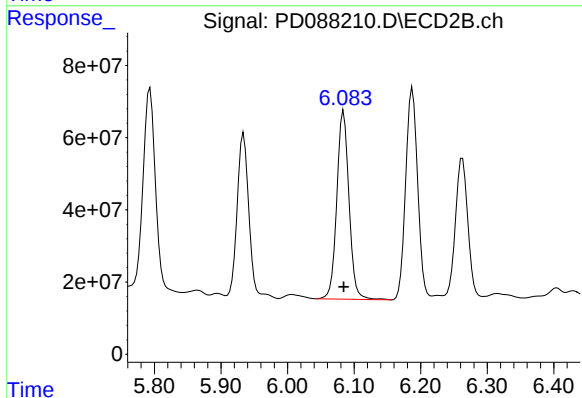
R.T.: 5.793 min  
Delta R.T.: 0.000 min  
Response: 795184499  
Conc: 43.69 ng/ml



#15 Endosulfan II

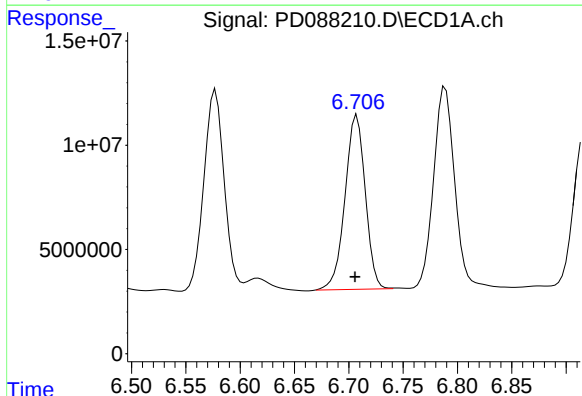
R.T.: 6.789 min  
Delta R.T.: 0.002 min  
Response: 127786723  
Conc: 40.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



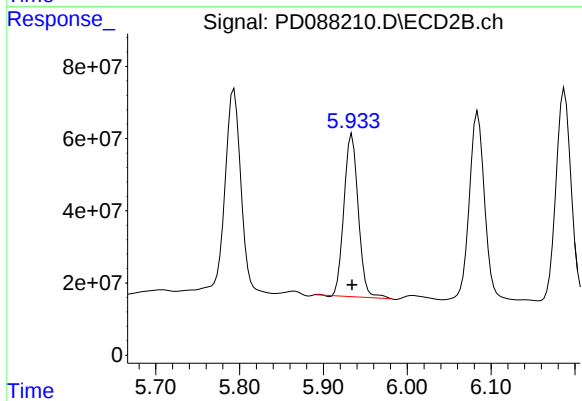
#15 Endosulfan II

R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 663837482  
Conc: 37.89 ng/ml



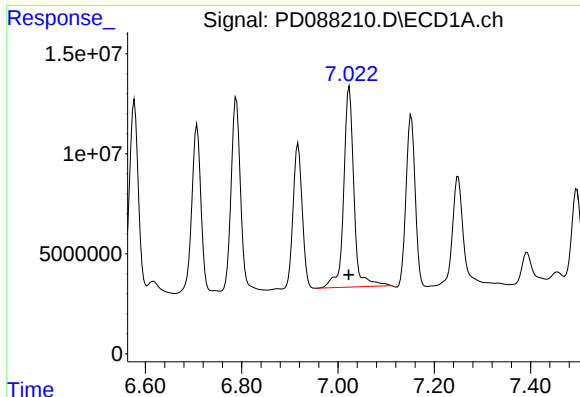
#16 4,4'-DDD

R.T.: 6.708 min  
Delta R.T.: 0.002 min  
Response: 108625299  
Conc: 43.19 ng/ml



#16 4,4'-DDD

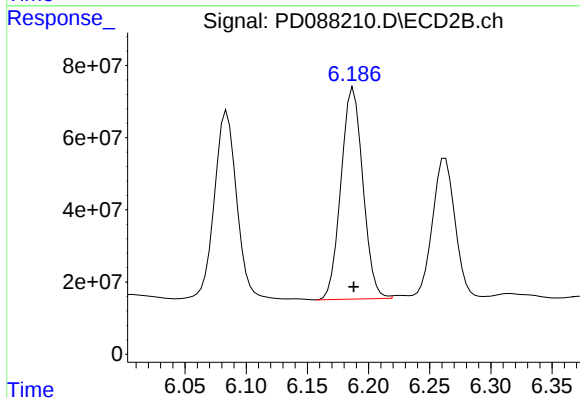
R.T.: 5.934 min  
Delta R.T.: 0.000 min  
Response: 536224096  
Conc: 32.72 ng/ml



#17 4,4'-DDT

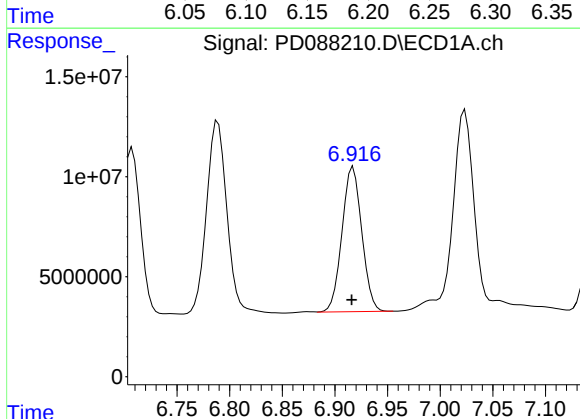
R.T.: 7.024 min  
Delta R.T.: 0.002 min  
Response: 147573277  
Conc: 53.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



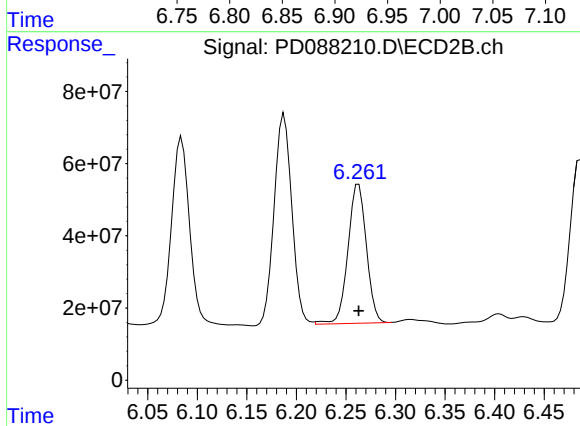
#17 4,4'-DDT

R.T.: 6.188 min  
Delta R.T.: 0.000 min  
Response: 729134805  
Conc: 42.85 ng/ml



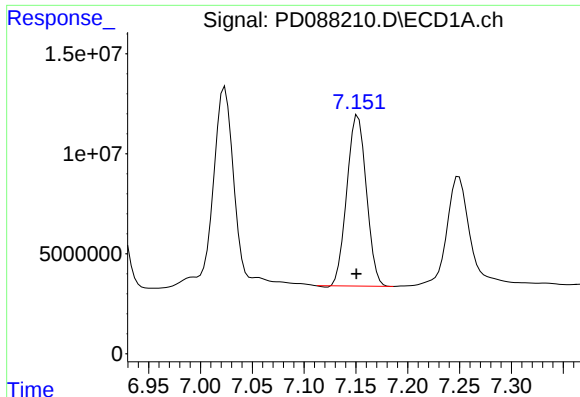
#18 Endrin aldehyde

R.T.: 6.917 min  
Delta R.T.: 0.001 min  
Response: 95091737  
Conc: 41.20 ng/ml



#18 Endrin aldehyde

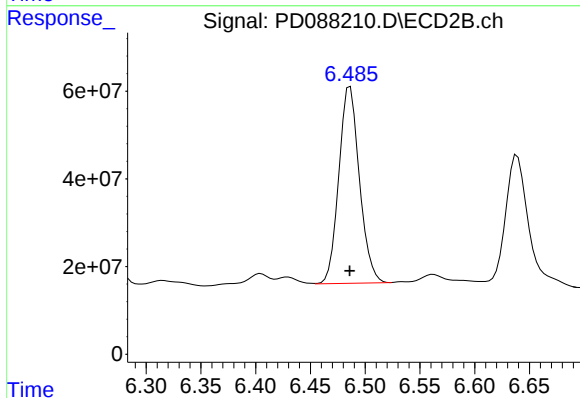
R.T.: 6.263 min  
Delta R.T.: 0.000 min  
Response: 499405336  
Conc: 37.55 ng/ml



#19 Endosulfan Sulfate

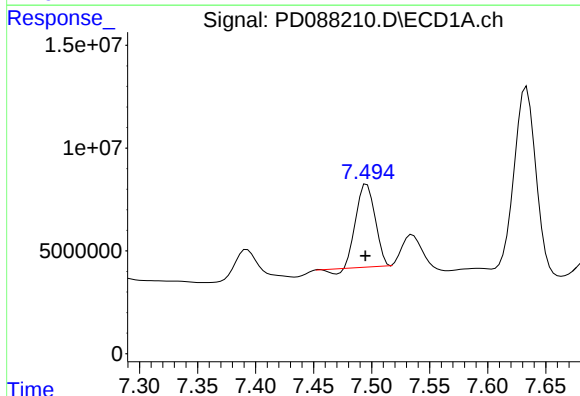
R.T.: 7.152 min  
Delta R.T.: 0.002 min  
Response: 111771007  
Conc: 38.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



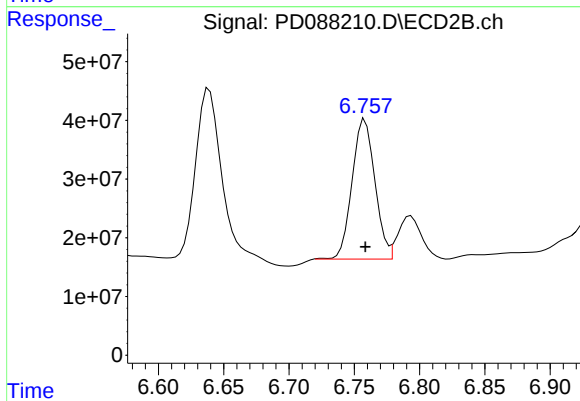
#19 Endosulfan Sulfate

R.T.: 6.486 min  
Delta R.T.: 0.000 min  
Response: 586303075  
Conc: 34.22 ng/ml



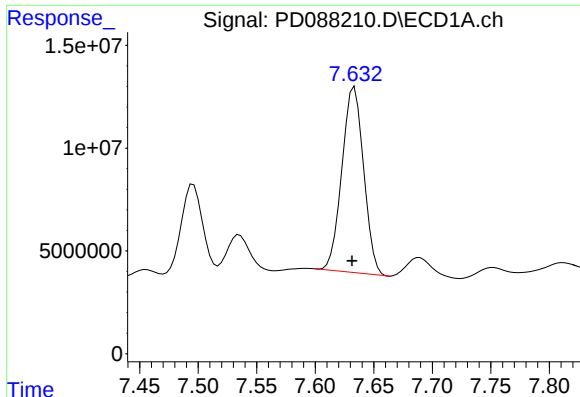
#20 Methoxychlor

R.T.: 7.496 min  
Delta R.T.: 0.001 min  
Response: 44981217  
Conc: 30.00 ng/ml



#20 Methoxychlor

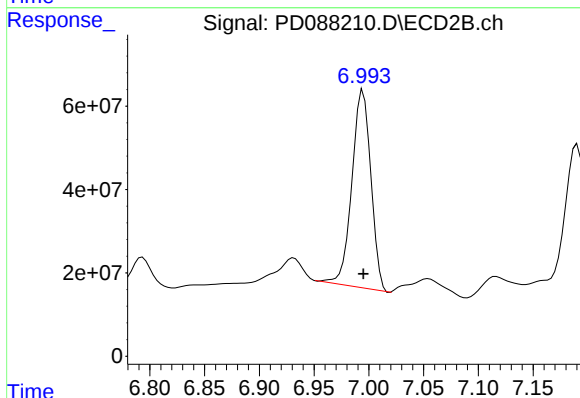
R.T.: 6.758 min  
Delta R.T.: 0.000 min  
Response: 289915327  
Conc: 31.79 ng/ml



#21 Endrin ketone

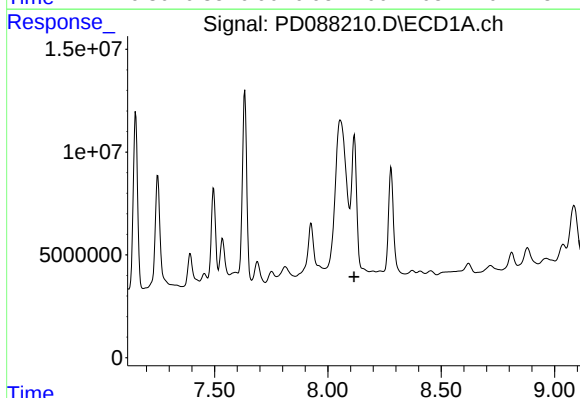
R.T.: 7.633 min  
Delta R.T.: 0.002 min  
Response: 116675094  
Conc: 37.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



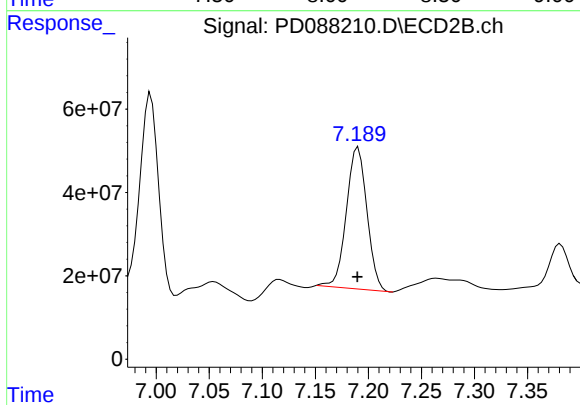
#21 Endrin ketone

R.T.: 6.995 min  
Delta R.T.: 0.000 min  
Response: 572081672  
Conc: 30.59 ng/ml



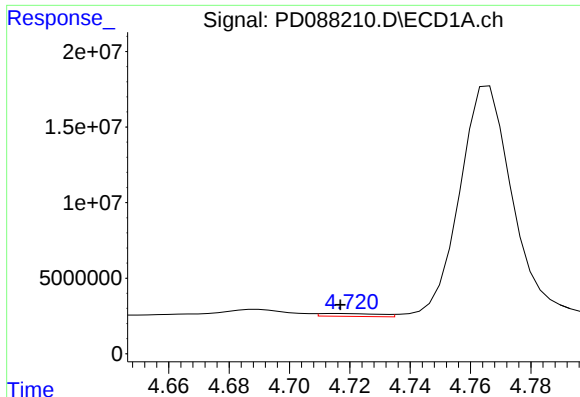
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.001 min  
Response: -24524860  
Conc: N.D.



#22 Mirex

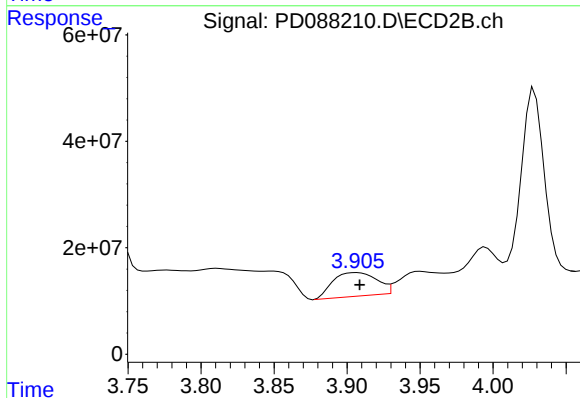
R.T.: 7.190 min  
Delta R.T.: 0.000 min  
Response: 458725496  
Conc: 30.95 ng/ml



#23 Chlordane-1

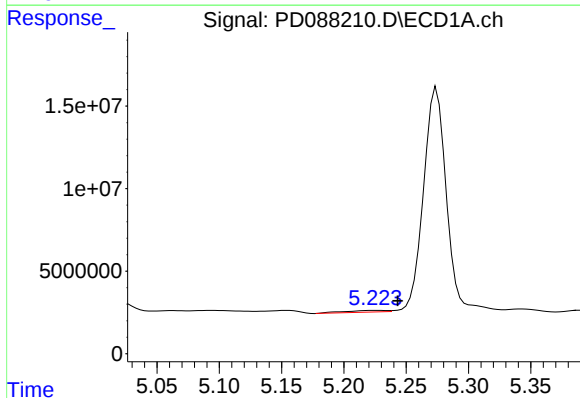
R.T.: 4.717 min  
Delta R.T.: 0.000 min  
Response: 2682307  
Conc: 16.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



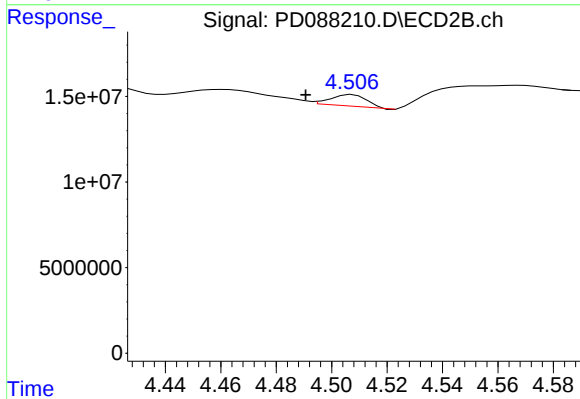
#23 Chlordane-1

R.T.: 3.907 min  
Delta R.T.: -0.002 min  
Response: 92588849  
Conc: 115.49 ng/ml



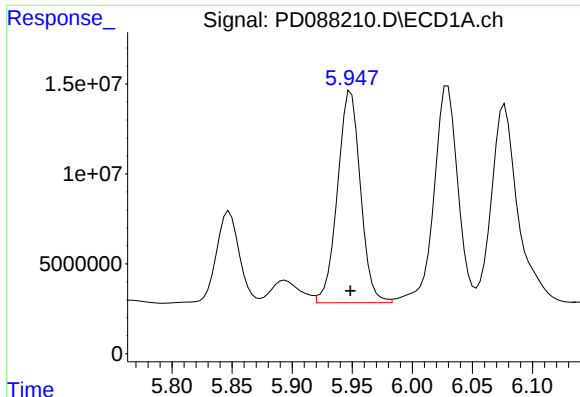
#24 Chlordane-2

R.T.: 5.224 min  
Delta R.T.: -0.019 min  
Response: 2402409  
Conc: 14.43 ng/ml



#24 Chlordane-2

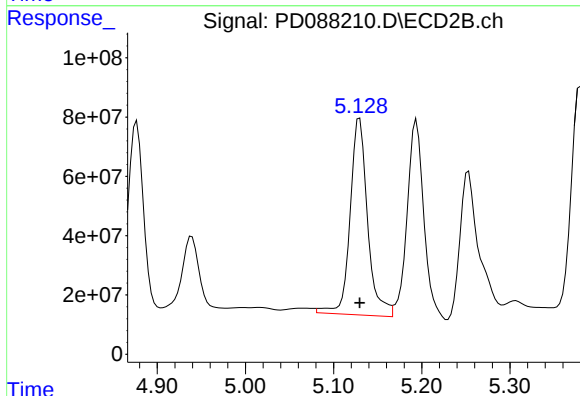
R.T.: 4.507 min  
Delta R.T.: 0.017 min  
Response: 6117435  
Conc: 7.41 ng/ml



#25 Chlordane-3

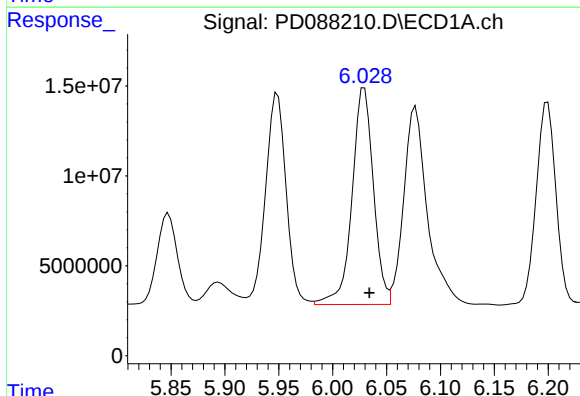
R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 157068466  
Conc: 232.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



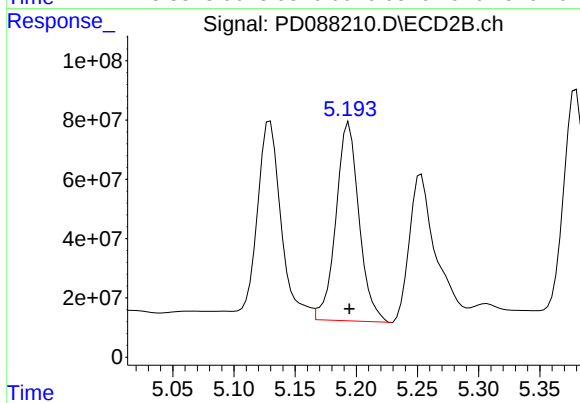
#25 Chlordane-3

R.T.: 5.130 min  
Delta R.T.: 0.000 min  
Response: 918699262  
Conc: 363.26 ng/ml



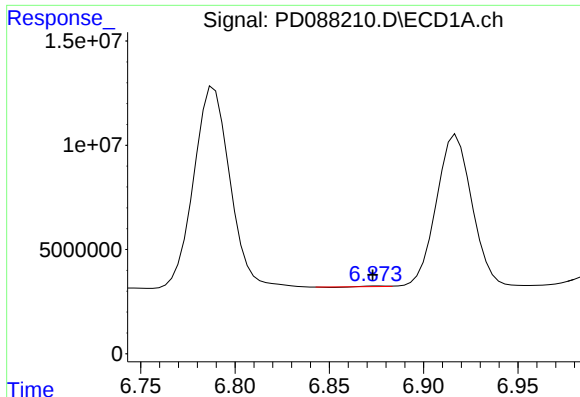
#26 Chlordane-4

R.T.: 6.029 min  
Delta R.T.: -0.005 min  
Response: 166416195  
Conc: 204.11 ng/ml



#26 Chlordane-4

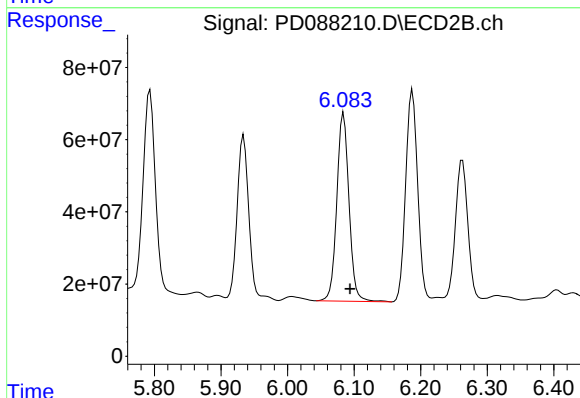
R.T.: 5.194 min  
Delta R.T.: 0.000 min  
Response: 879781134  
Conc: 411.47 ng/ml



#27 Chlordane-5

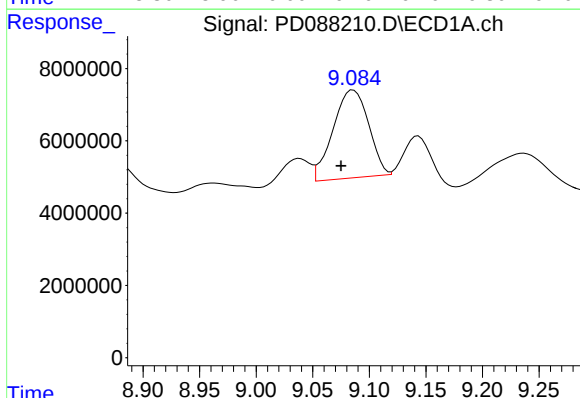
R.T.: 6.875 min  
Delta R.T.: 0.002 min  
Response: 54619  
Conc: 0.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



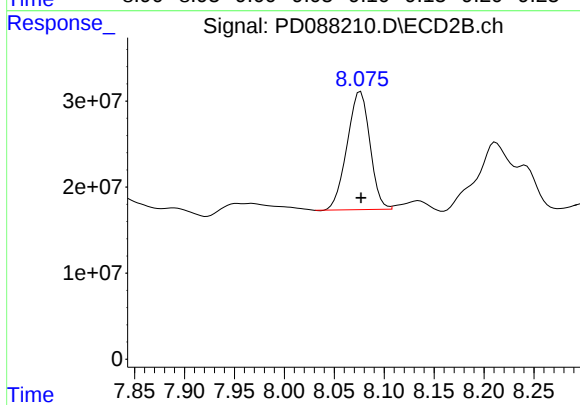
#27 Chlordane-5

R.T.: 6.084 min  
Delta R.T.: -0.010 min  
Response: 663837482  
Conc: 687.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: 0.011 min  
Response: 53261855  
Conc: 16.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.076 min  
Delta R.T.: 0.000 min  
Response: 218200633  
Conc: 11.81 ng/ml