

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120423\  
 Data File : PL086975.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Dec 2023 21:44  
 Operator : AR\AJ  
 Sample : 05612-03MSD  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MW-06IMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 05 00:40:47 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112923.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 29 06:35:04 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-----------|
| -----                       |                 |        |        |          |          |          |           |
| System Monitoring Compounds |                 |        |        |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.342  | 2.609  | 43193627 | 13070984 | 13.510   | 14.372    |
| 28)                         | SA Decachlor... | 8.845  | 7.760  | 39288155 | 15512819 | 14.717   | 14.070    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.797  | 3.108  | 225.5E6  | 73359208 | 48.711   | 57.766    |
| 3)                          | MA gamma-BHC... | 4.128  | 3.435  | 228.3E6  | 64456377 | 52.195   | 52.754    |
| 4)                          | MA Heptachlor   | 4.715  | 3.770  | 213.5E6  | 66290271 | 53.796   | 56.773    |
| 5)                          | MB Aldrin       | 5.055  | 4.047  | 226.5E6  | 58766019 | 53.659   | 48.147    |
| 6)                          | B beta-BHC      | 4.333  | 3.738  | 97558068 | 29509020 | 52.152   | 55.773    |
| 7)                          | B delta-BHC     | 4.575  | 3.962  | 235.1E6  | 64163529 | 55.384   | 54.945    |
| 8)                          | B Heptachlo...  | 5.485  | 4.552  | 180.2E6  | 61037057 | 50.874   | 53.618    |
| 9)                          | A Endosulfan I  | 5.869  | 4.920  | 224.3E6  | 57907678 | 62.265   | 45.100 #  |
| 10)                         | B gamma-Chl...  | 5.744  | 4.804  | 204.0E6  | 59325005 | 54.250   | 51.754    |
| 11)                         | B alpha-Chl...  | 5.823  | 4.867  | 201.2E6  | 59552028 | 53.448   | 44.783    |
| 12)                         | B 4,4'-DDE      | 6.008  | 5.067  | 156.5E6  | 49861270 | 51.763   | 54.311    |
| 13)                         | MA Dieldrin     | 6.147  | 5.186  | 200.0E6  | 61004909 | 57.603   | 56.964    |
| 14)                         | MA Endrin       | 6.375  | 5.459  | 174.8E6  | 57110659 | 67.829   | 67.762    |
| 15)                         | B Endosulfa...  | 6.599  | 5.758  | 163.4E6  | 52734771 | 57.246   | 56.793    |
| 16)                         | A 4,4'-DDD      | 6.526  | 5.624  | 130.6E6  | 42411027 | 55.756   | 54.913    |
| 17)                         | MA 4,4'-DDT     | 6.841  | 5.874  | 147.5E6  | 45494989 | 57.473   | 56.413    |
| 18)                         | B Endrin al...  | 6.730  | 5.939  | 116.0E6  | 43435049 | 54.361   | 62.173    |
| 19)                         | B Endosulfa...  | 6.967  | 6.164  | 164.9E6  | 55773442 | 57.729   | 58.782    |
| 20)                         | A Methoxychlor  | 7.328  | 6.459  | 80246646 | 28985195 | 60.771   | 56.312    |
| 21)                         | B Endrin ke...  | 7.449  | 6.666  | 176.0E6  | 63837783 | 58.869   | 55.925    |
| 22)                         | Mirex           | 7.921  | 6.841  | 124.8E6  | 48149953 | 48.789   | 46.393    |
| 23)                         | Chlordane-1     | 4.509  | 3.592  | 7949592  | 1605069  | 61.257   | 46.798    |
| 24)                         | Chlordane-2     | 5.055f | 4.200f | 226.5E6  | 2613250  | 1605.219 | 63.631 #  |
| 25)                         | Chlordane-3     | 5.744  | 4.804  | 204.0E6  | 59325005 | 385.422  | 541.735 # |
| 26)                         | Chlordane-4     | 5.823  | 4.867  | 201.2E6  | 59552028 | 301.791  | 438.182 # |
| 27)                         | Chlordane-5     | 6.649f | 5.556f | 530332   | 7361     | 5.325    | 0.237 #   |
| -----                       |                 |        |        |          |          |          |           |

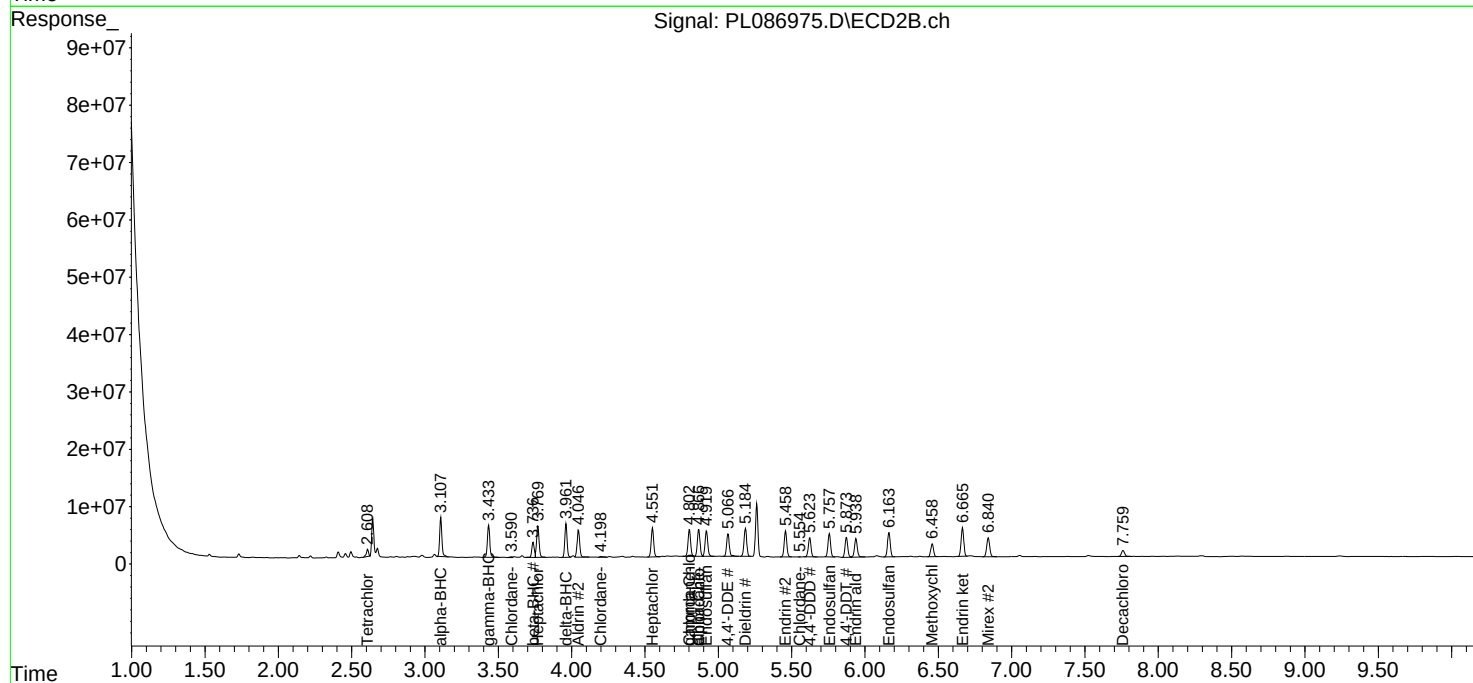
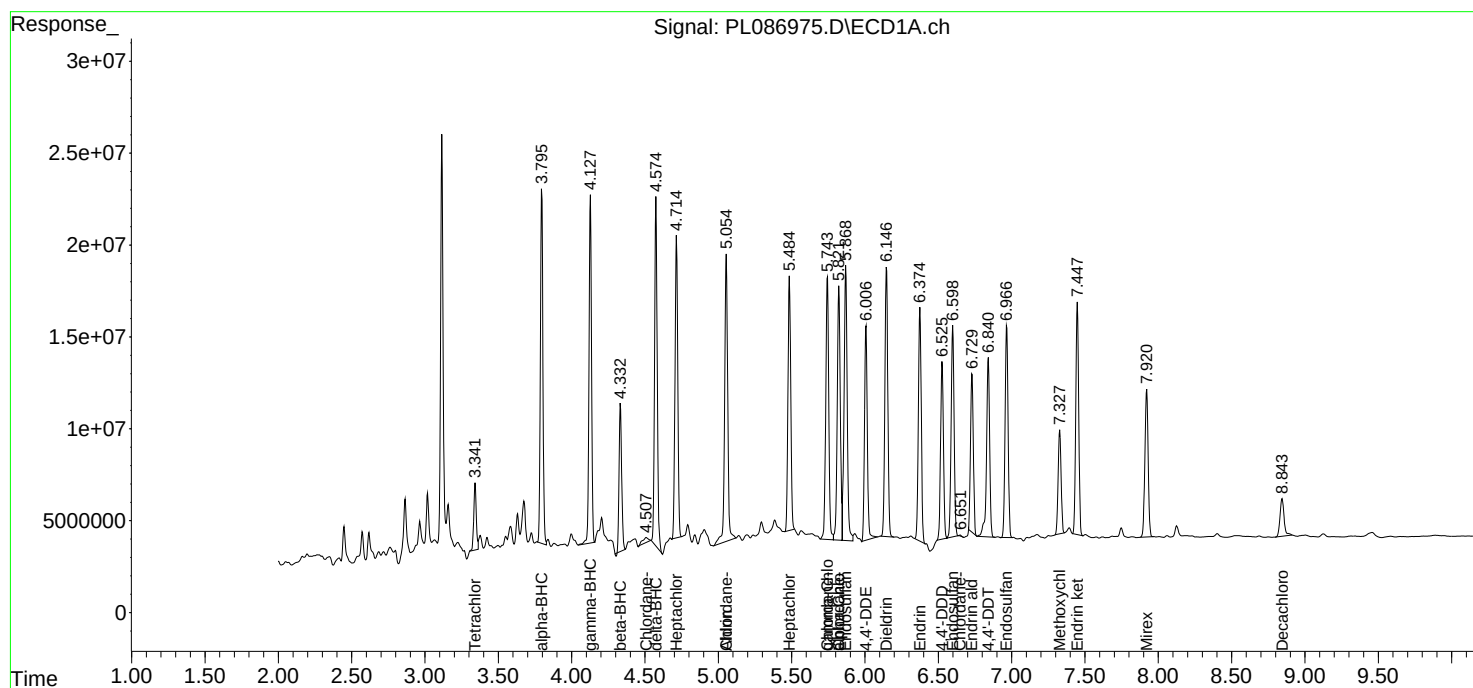
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

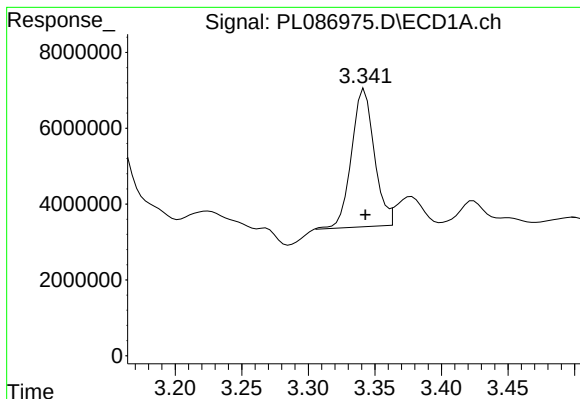
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120423\  
Data File : PL086975.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Dec 2023 21:44  
Operator : AR\AJ  
Sample : 05612-03MSD  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 05 00:40:47 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112923.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 29 06:35:04 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

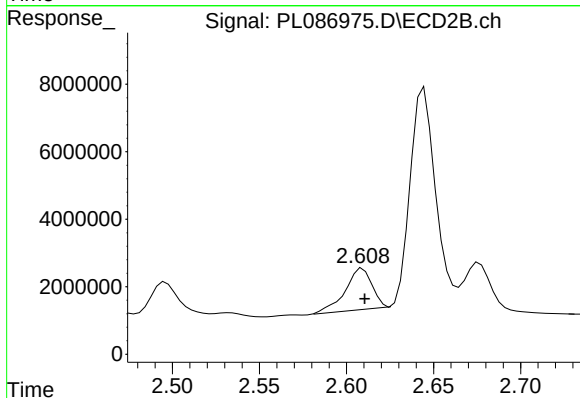




#1 Tetrachloro-m-xylene

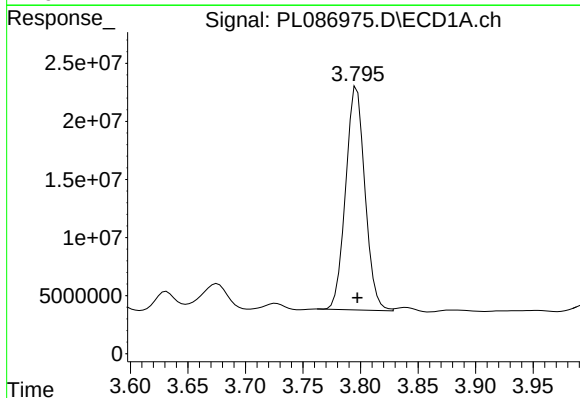
R.T.: 3.342 min  
Delta R.T.: 0.000 min  
Response: 43193627  
Conc: 13.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



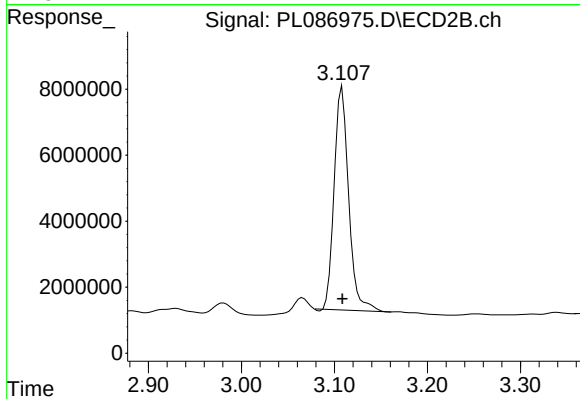
#1 Tetrachloro-m-xylene

R.T.: 2.609 min  
Delta R.T.: 0.000 min  
Response: 13070984  
Conc: 14.37 ng/ml



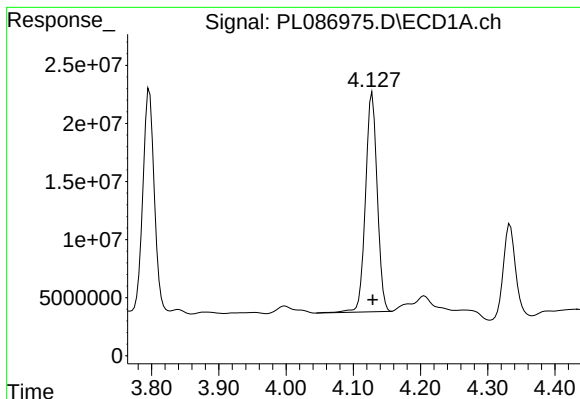
#2 alpha-BHC

R.T.: 3.797 min  
Delta R.T.: 0.000 min  
Response: 225536019  
Conc: 48.71 ng/ml



#2 alpha-BHC

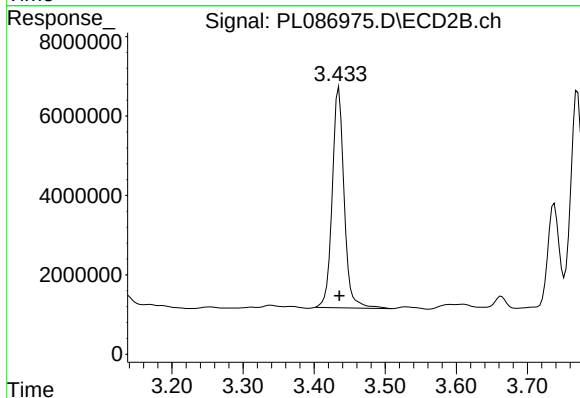
R.T.: 3.108 min  
Delta R.T.: 0.000 min  
Response: 73359208  
Conc: 57.77 ng/ml



#3 gamma-BHC (Lindane)

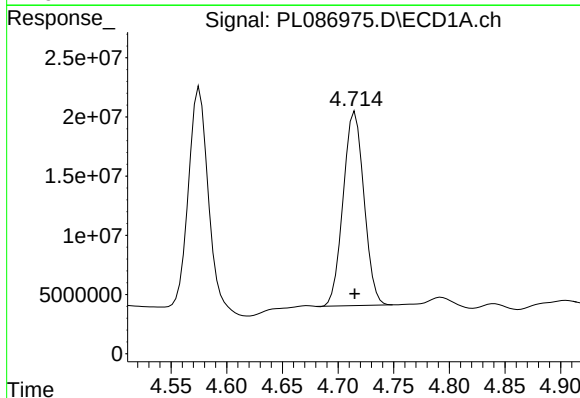
R.T.: 4.128 min  
Delta R.T.: 0.000 min  
Response: 228346681  
Conc: 52.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



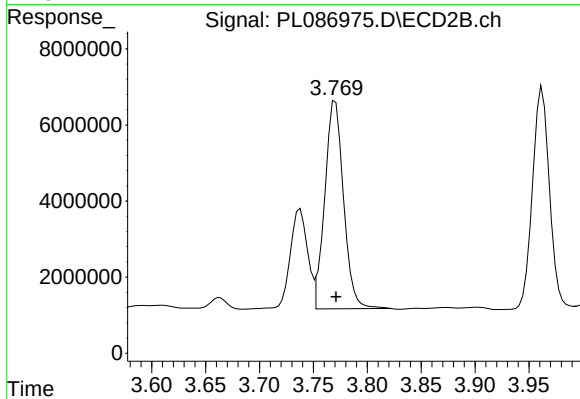
#3 gamma-BHC (Lindane)

R.T.: 3.435 min  
Delta R.T.: 0.000 min  
Response: 64456377  
Conc: 52.75 ng/ml



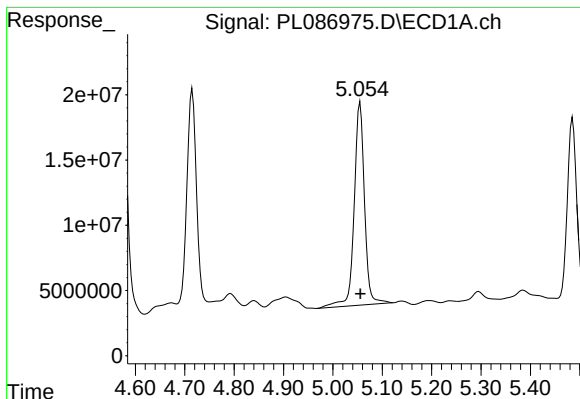
#4 Heptachlor

R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 213501057  
Conc: 53.80 ng/ml



#4 Heptachlor

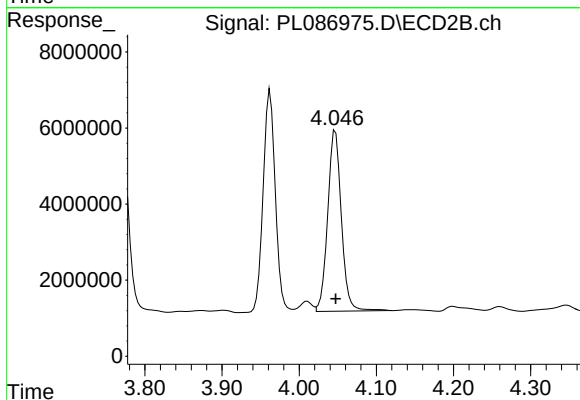
R.T.: 3.770 min  
Delta R.T.: 0.000 min  
Response: 66290271  
Conc: 56.77 ng/ml



#5 Aldrin

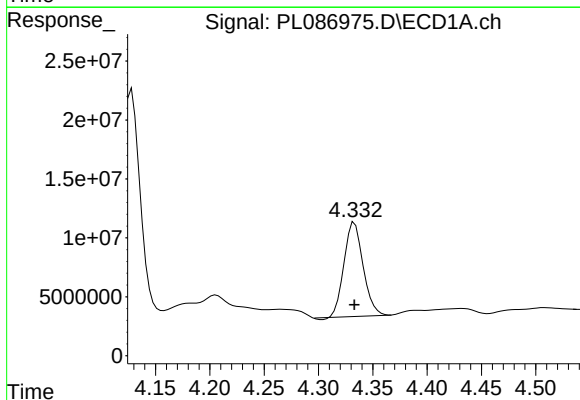
R.T.: 5.055 min  
Delta R.T.: 0.000 min  
Response: 226450924  
Conc: 53.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



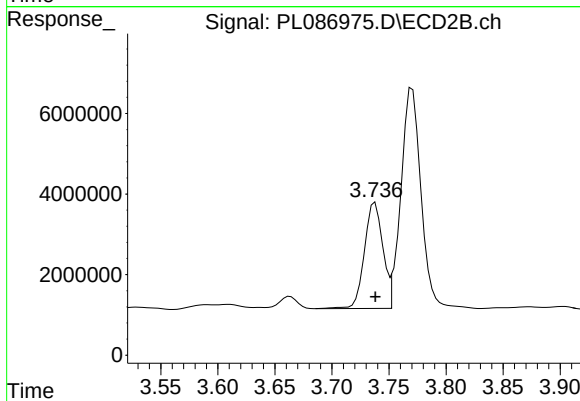
#5 Aldrin

R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 58766019  
Conc: 48.15 ng/ml



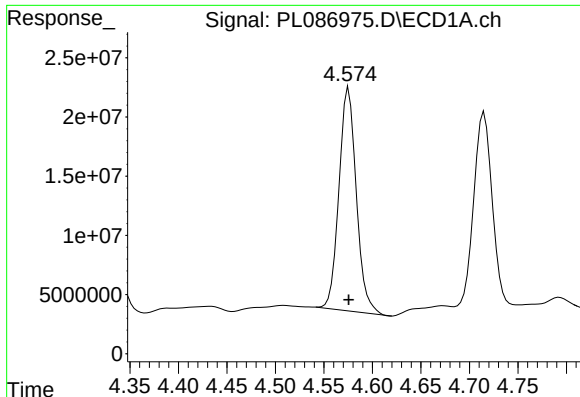
#6 beta-BHC

R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 97558068  
Conc: 52.15 ng/ml



#6 beta-BHC

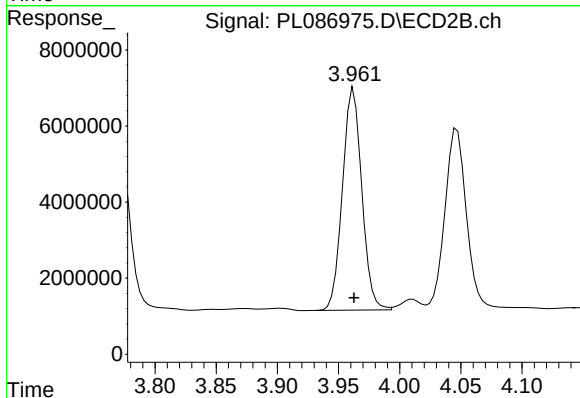
R.T.: 3.738 min  
Delta R.T.: 0.000 min  
Response: 29509020  
Conc: 55.77 ng/ml



#7 delta-BHC

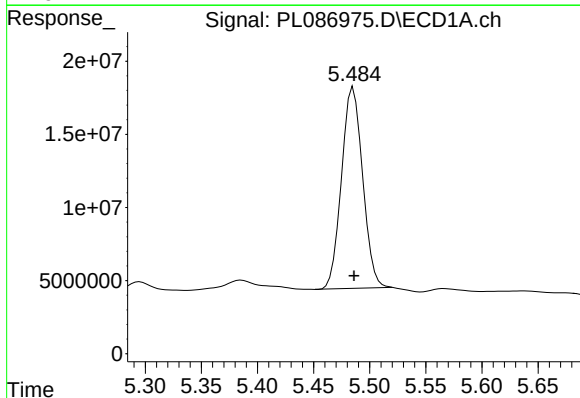
R.T.: 4.575 min  
Delta R.T.: 0.000 min  
Response: 235115506  
Conc: 55.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



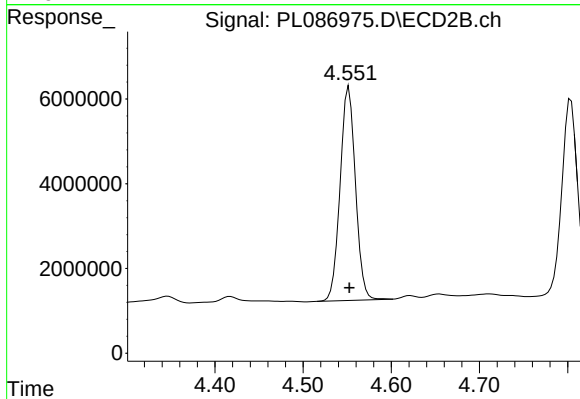
#7 delta-BHC

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 64163529  
Conc: 54.94 ng/ml



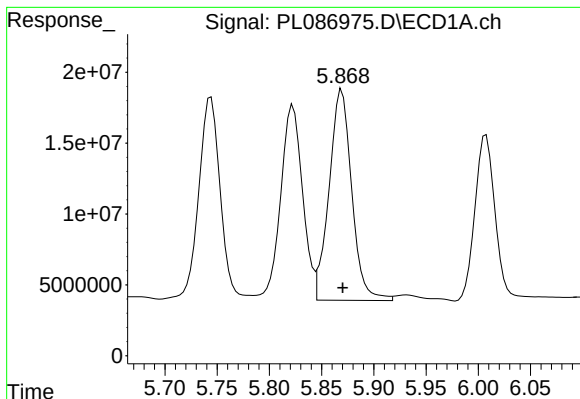
#8 Heptachlor epoxide

R.T.: 5.485 min  
Delta R.T.: 0.000 min  
Response: 180212906  
Conc: 50.87 ng/ml



#8 Heptachlor epoxide

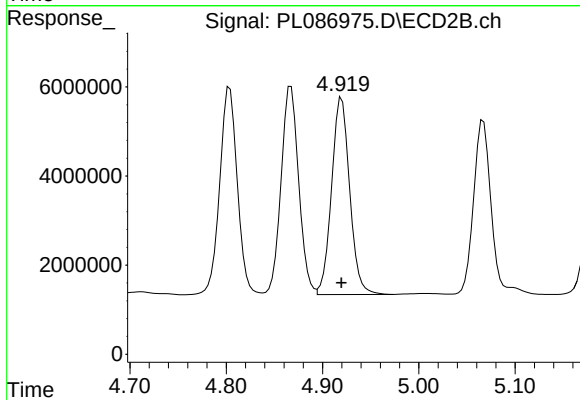
R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 61037057  
Conc: 53.62 ng/ml



#9 Endosulfan I

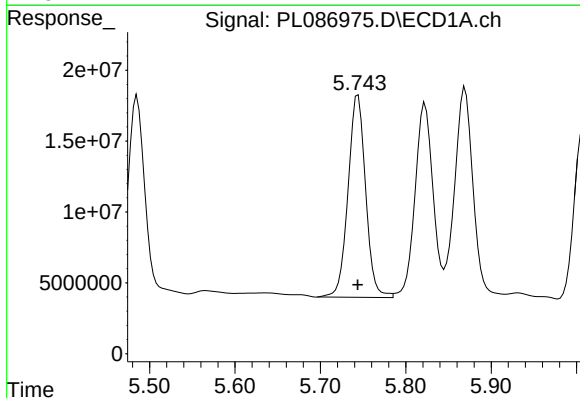
R.T.: 5.869 min  
Delta R.T.: 0.000 min  
Response: 224331887  
Conc: 62.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



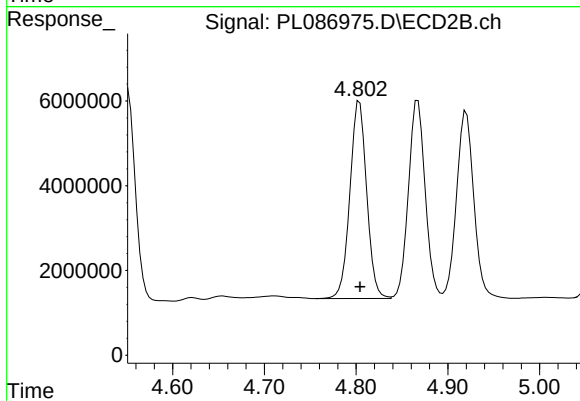
#9 Endosulfan I

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 57907678  
Conc: 45.10 ng/ml



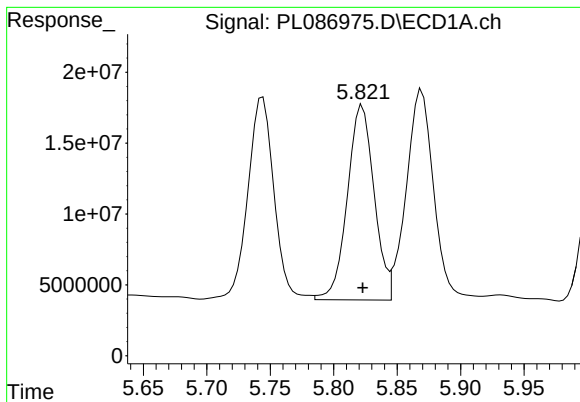
#10 gamma-Chlordane

R.T.: 5.744 min  
Delta R.T.: 0.000 min  
Response: 203972772  
Conc: 54.25 ng/ml



#10 gamma-Chlordane

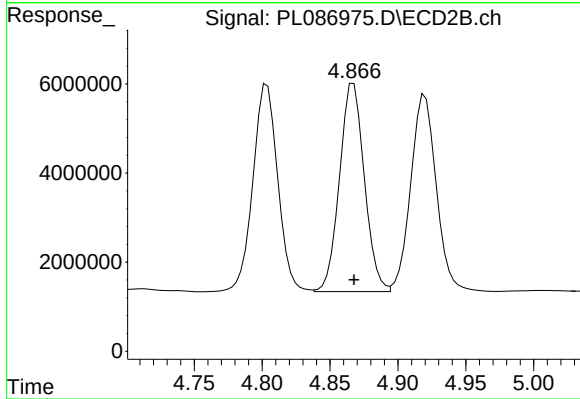
R.T.: 4.804 min  
Delta R.T.: 0.000 min  
Response: 59325005  
Conc: 51.75 ng/ml



#11 alpha-Chlordane

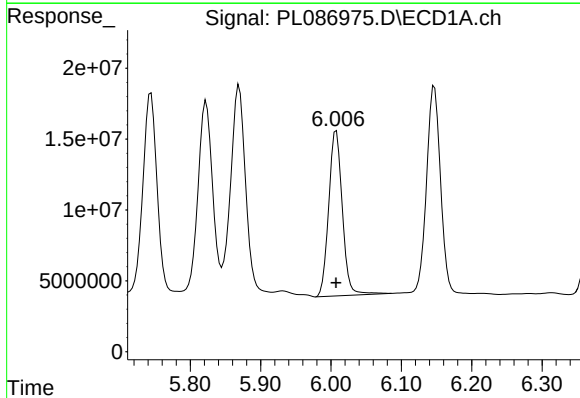
R.T.: 5.823 min  
Delta R.T.: 0.000 min  
Response: 201208089  
Conc: 53.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



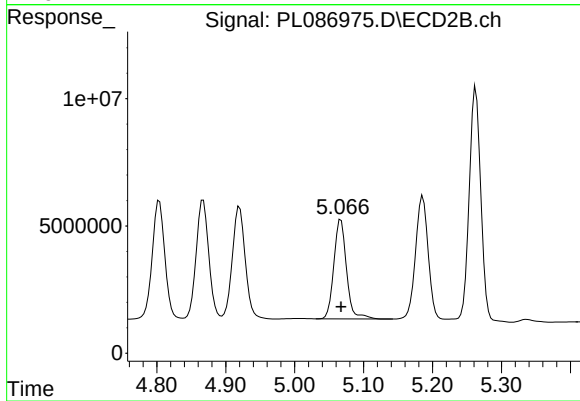
#11 alpha-Chlordane

R.T.: 4.867 min  
Delta R.T.: 0.000 min  
Response: 59552028  
Conc: 44.78 ng/ml



#12 4,4'-DDE

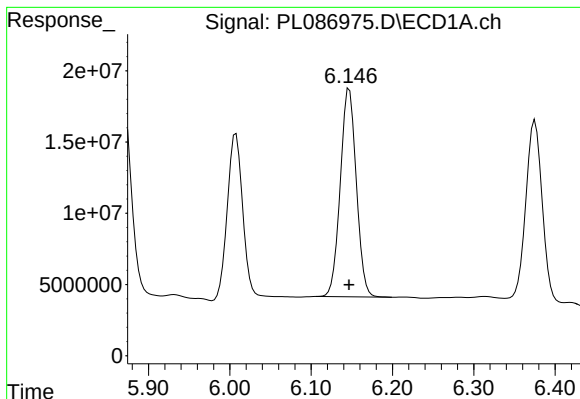
R.T.: 6.008 min  
Delta R.T.: 0.000 min  
Response: 156499688  
Conc: 51.76 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min  
Delta R.T.: 0.000 min  
Response: 49861270  
Conc: 54.31 ng/ml

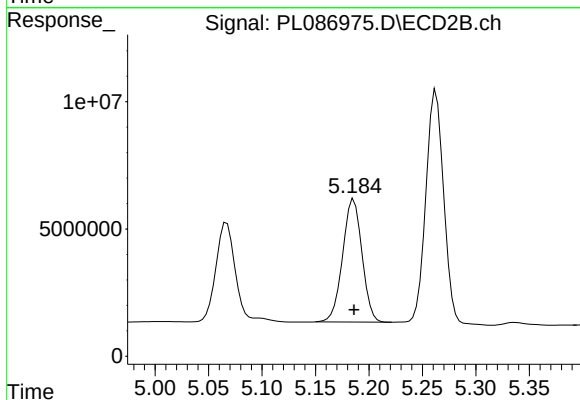




#13 Dieldrin

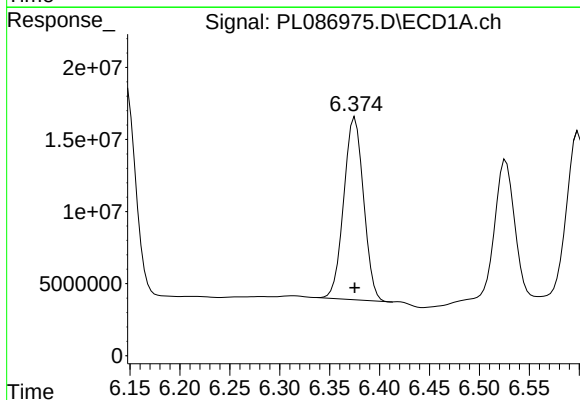
R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 199976023  
Conc: 57.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



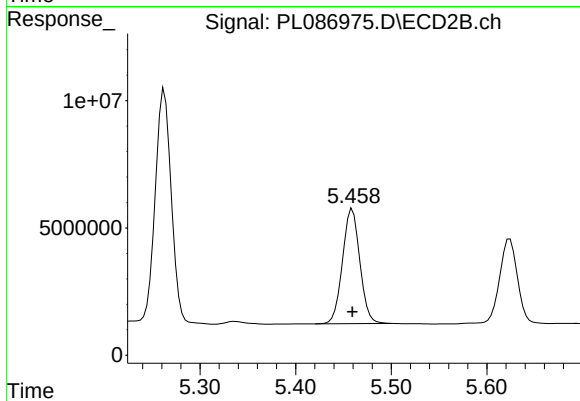
#13 Dieldrin

R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 61004909  
Conc: 56.96 ng/ml



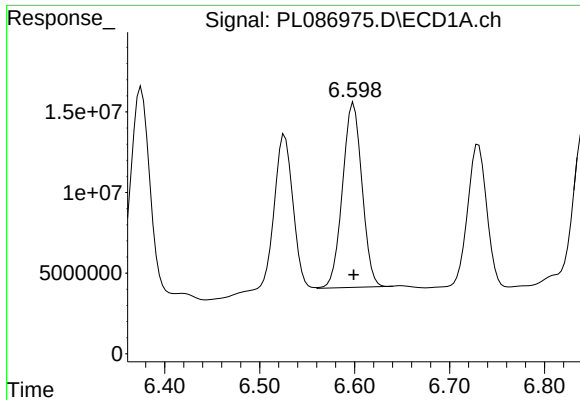
#14 Endrin

R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 174839088  
Conc: 67.83 ng/ml



#14 Endrin

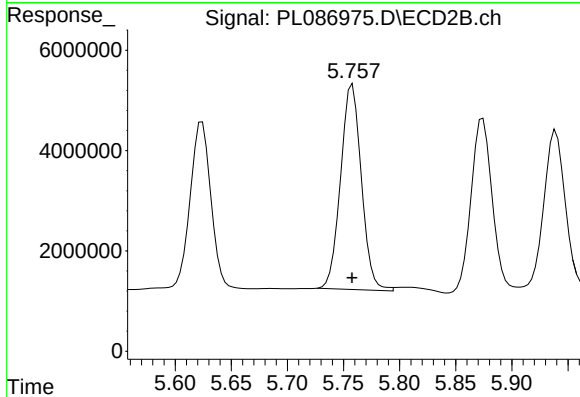
R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 57110659  
Conc: 67.76 ng/ml



#15 Endosulfan II

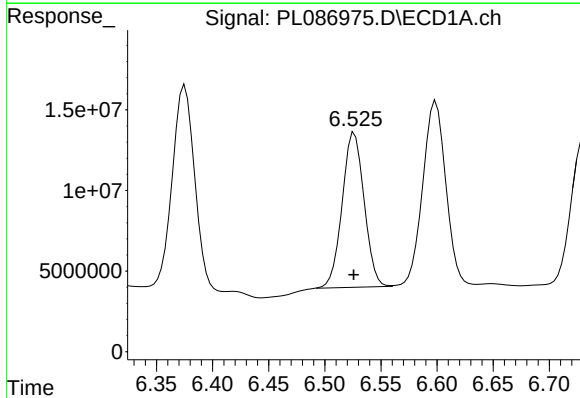
R.T.: 6.599 min  
Delta R.T.: 0.000 min  
Response: 163358068  
Conc: 57.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



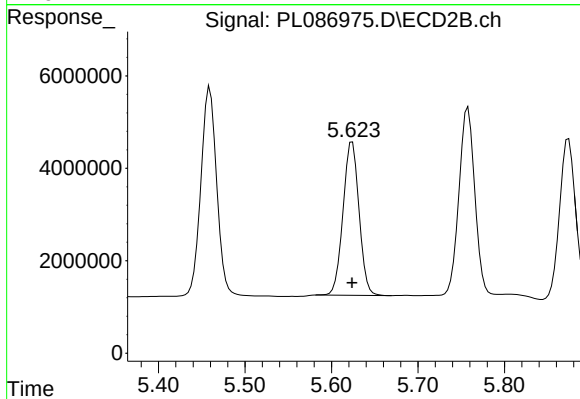
#15 Endosulfan II

R.T.: 5.758 min  
Delta R.T.: 0.000 min  
Response: 52734771  
Conc: 56.79 ng/ml



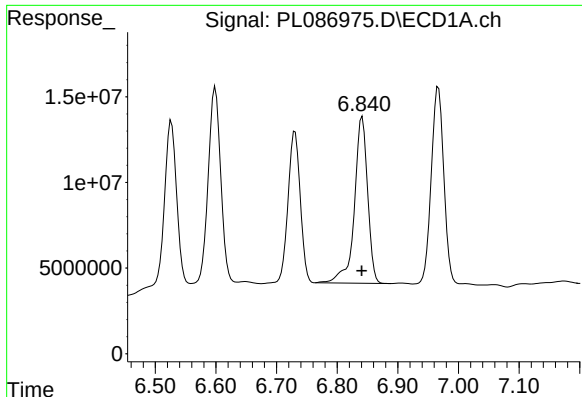
#16 4,4'-DDD

R.T.: 6.526 min  
Delta R.T.: 0.000 min  
Response: 130557248  
Conc: 55.76 ng/ml



#16 4,4'-DDD

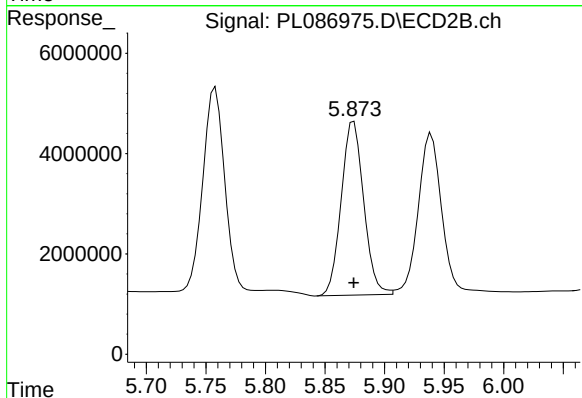
R.T.: 5.624 min  
Delta R.T.: 0.000 min  
Response: 42411027  
Conc: 54.91 ng/ml



#17 4,4'-DDT

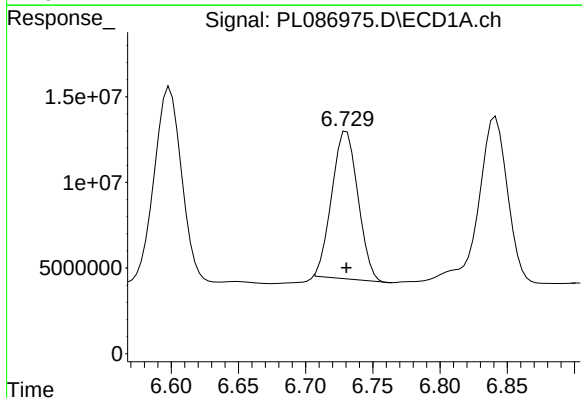
R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 147514904  
Conc: 57.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



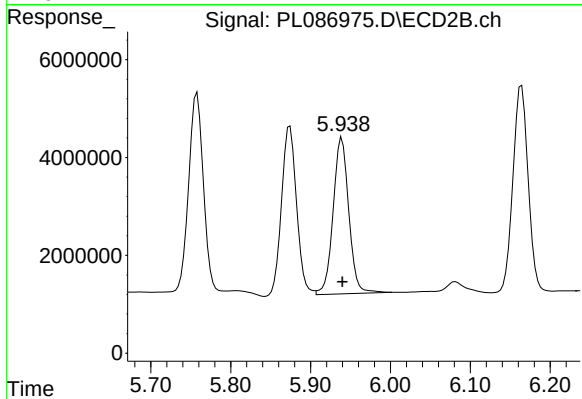
#17 4,4'-DDT

R.T.: 5.874 min  
Delta R.T.: 0.000 min  
Response: 45494989  
Conc: 56.41 ng/ml



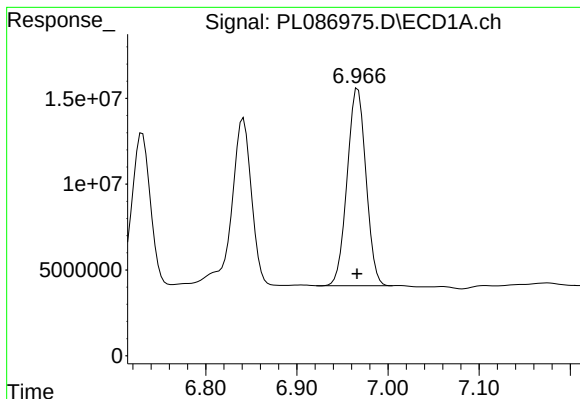
#18 Endrin aldehyde

R.T.: 6.730 min  
Delta R.T.: 0.000 min  
Response: 115964078  
Conc: 54.36 ng/ml



#18 Endrin aldehyde

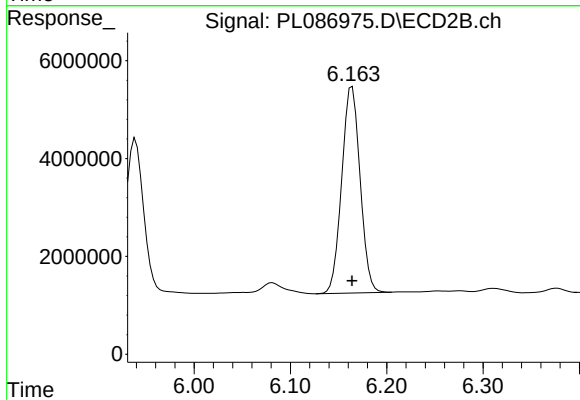
R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 43435049  
Conc: 62.17 ng/ml



#19 Endosulfan Sulfate

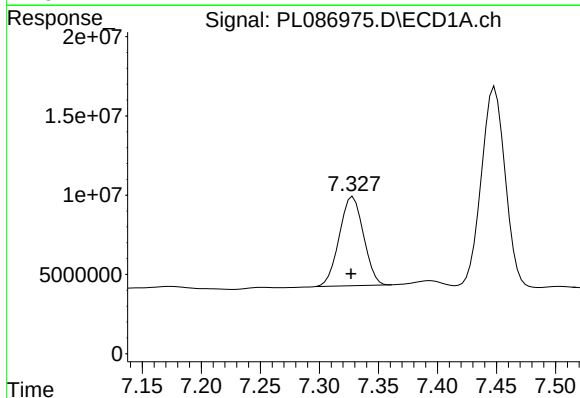
R.T.: 6.967 min  
Delta R.T.: 0.000 min  
Response: 164859899  
Conc: 57.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



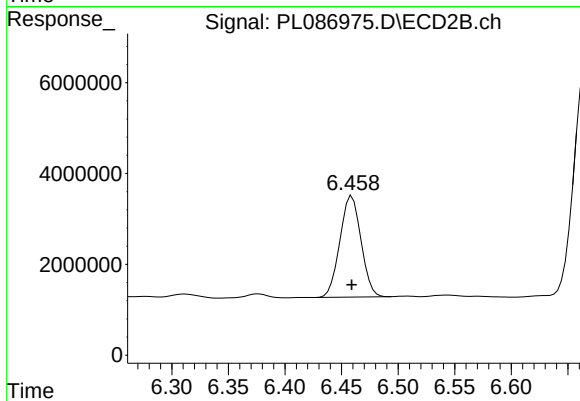
#19 Endosulfan Sulfate

R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 55773442  
Conc: 58.78 ng/ml



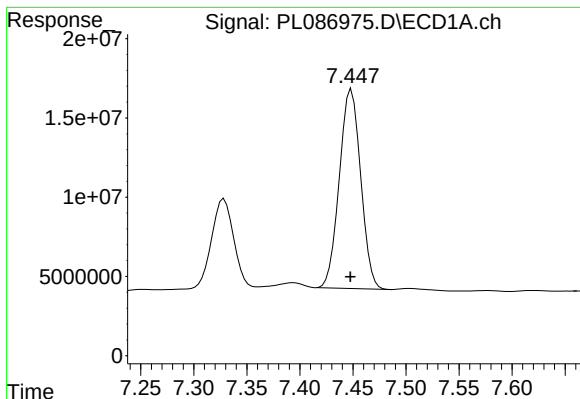
#20 Methoxychlor

R.T.: 7.328 min  
Delta R.T.: 0.002 min  
Response: 80246646  
Conc: 60.77 ng/ml



#20 Methoxychlor

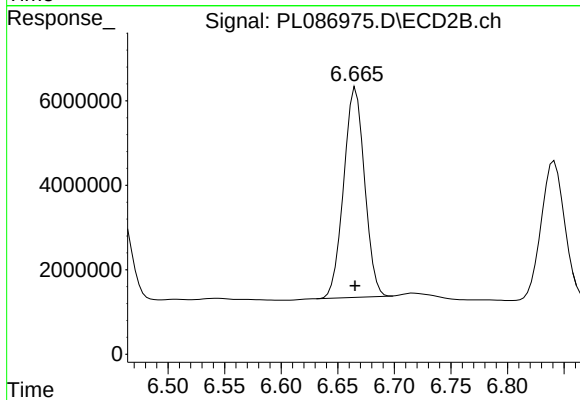
R.T.: 6.459 min  
Delta R.T.: 0.000 min  
Response: 28985195  
Conc: 56.31 ng/ml



#21 Endrin ketone

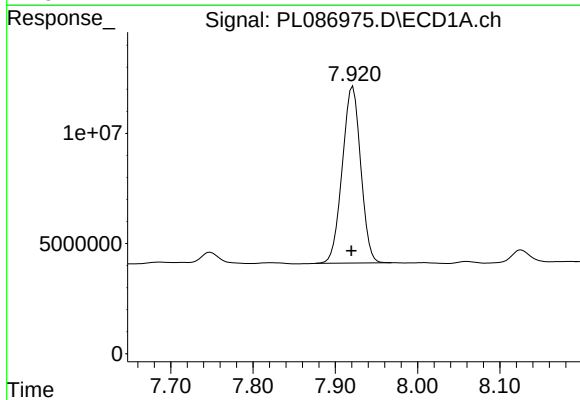
R.T.: 7.449 min  
Delta R.T.: 0.000 min  
Response: 175998989  
Conc: 58.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



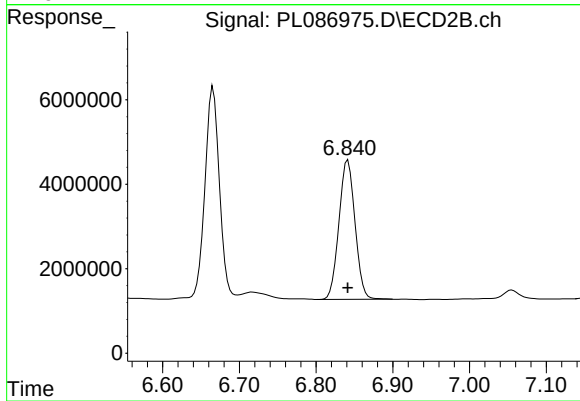
#21 Endrin ketone

R.T.: 6.666 min  
Delta R.T.: 0.000 min  
Response: 63837783  
Conc: 55.92 ng/ml



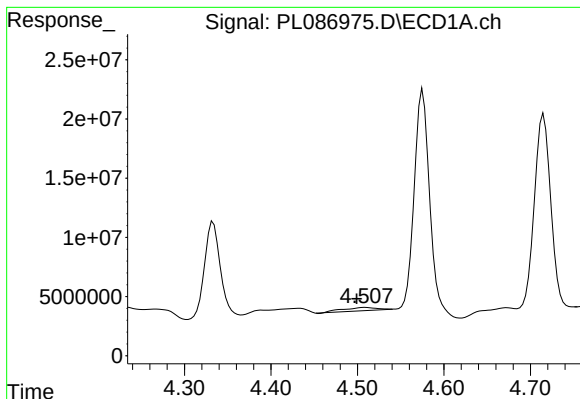
#22 Mirex

R.T.: 7.921 min  
Delta R.T.: 0.002 min  
Response: 124787751  
Conc: 48.79 ng/ml



#22 Mirex

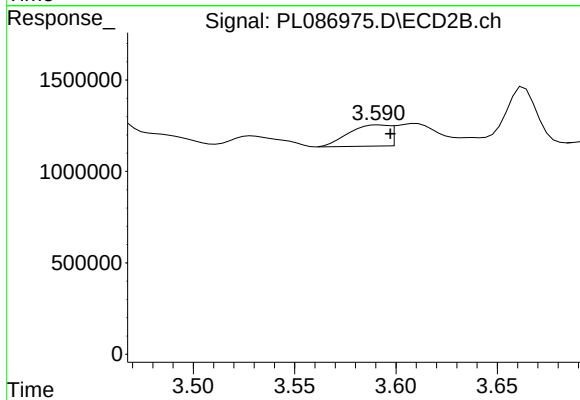
R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 48149953  
Conc: 46.39 ng/ml



#23 Chlordane-1

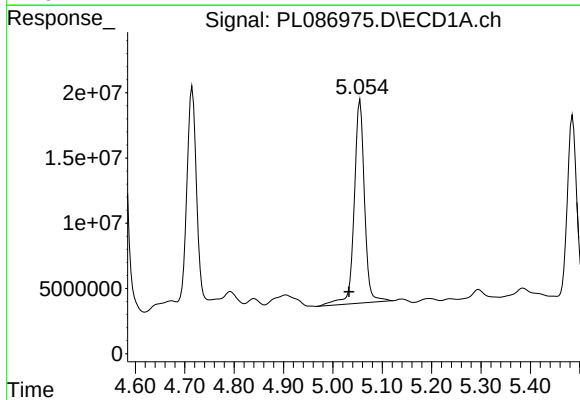
R.T.: 4.509 min  
Delta R.T.: 0.009 min  
Response: 7949592  
Conc: 61.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



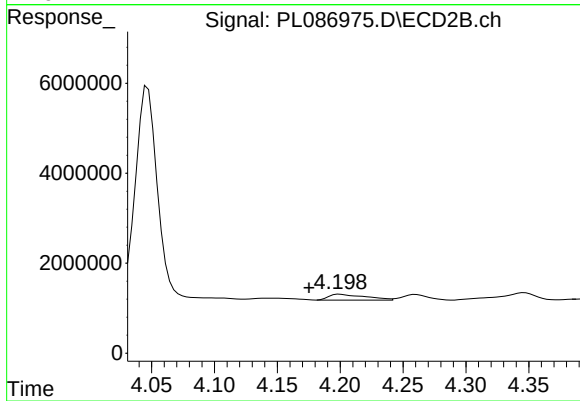
#23 Chlordane-1

R.T.: 3.592 min  
Delta R.T.: -0.006 min  
Response: 1605069  
Conc: 46.80 ng/ml



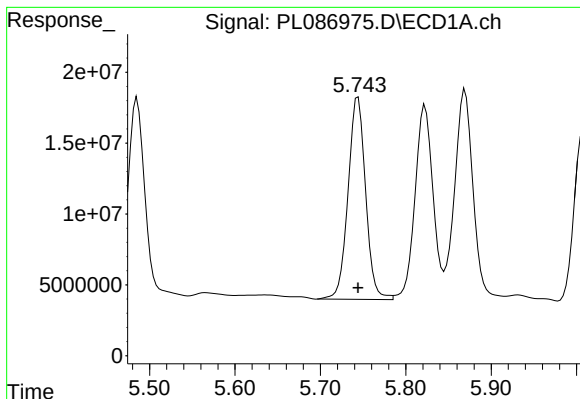
#24 Chlordane-2

R.T.: 5.055 min  
Delta R.T.: 0.022 min  
Response: 226450924  
Conc: 1605.22 ng/ml



#24 Chlordane-2

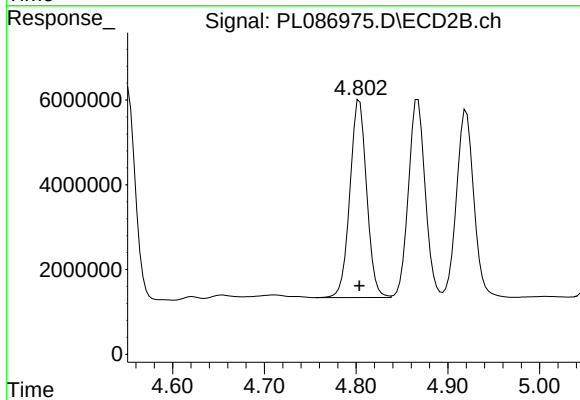
R.T.: 4.200 min  
Delta R.T.: 0.024 min  
Response: 2613250  
Conc: 63.63 ng/ml



#25 Chlordane-3

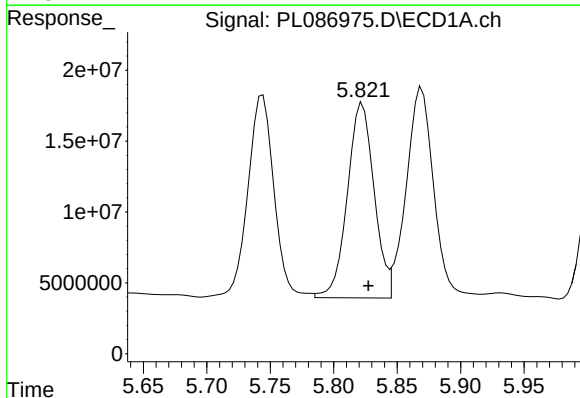
R.T.: 5.744 min  
Delta R.T.: 0.000 min  
Response: 203972772  
Conc: 385.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



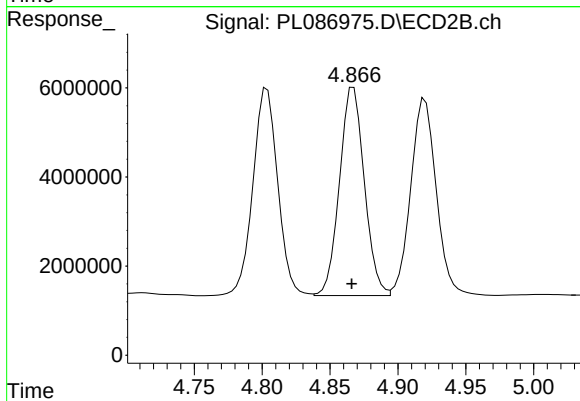
#25 Chlordane-3

R.T.: 4.804 min  
Delta R.T.: 0.000 min  
Response: 59325005  
Conc: 541.73 ng/ml



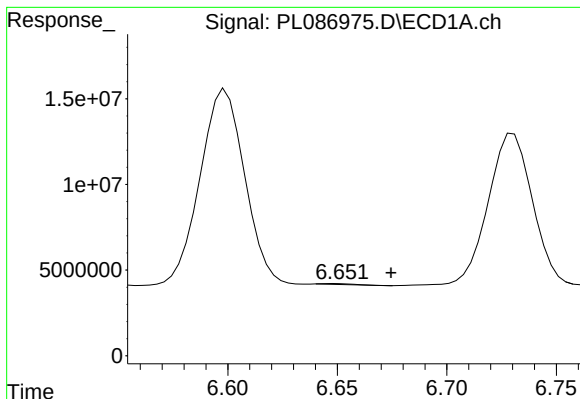
#26 Chlordane-4

R.T.: 5.823 min  
Delta R.T.: -0.005 min  
Response: 201208089  
Conc: 301.79 ng/ml



#26 Chlordane-4

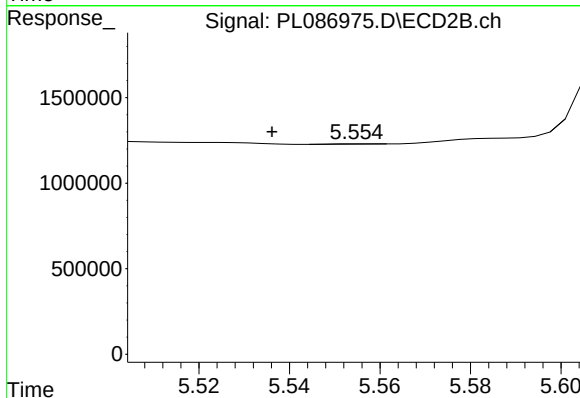
R.T.: 4.867 min  
Delta R.T.: 0.001 min  
Response: 59552028  
Conc: 438.18 ng/ml



#27 Chlordane-5

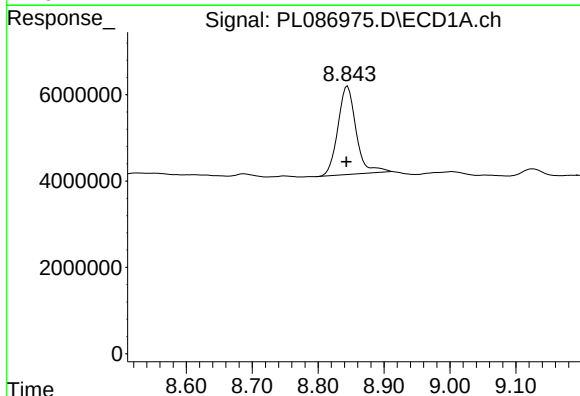
R.T.: 6.649 min  
Delta R.T.: -0.025 min  
Response: 530332  
Conc: 5.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MW-06IMSD



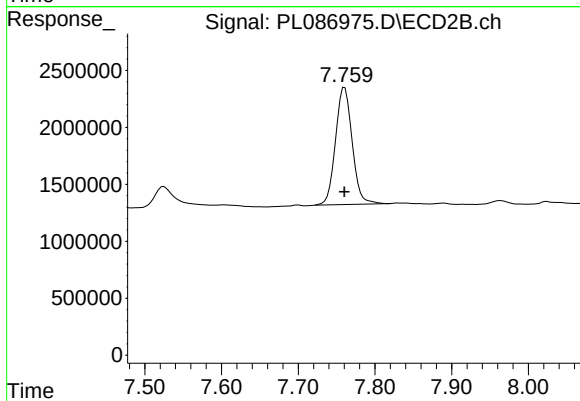
#27 Chlordane-5

R.T.: 5.556 min  
Delta R.T.: 0.020 min  
Response: 7361  
Conc: 0.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.845 min  
Delta R.T.: 0.002 min  
Response: 39288155  
Conc: 14.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.760 min  
Delta R.T.: 0.000 min  
Response: 15512819  
Conc: 14.07 ng/ml