

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100423\  
 Data File : PL085695.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Oct 2023 18:51  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 21:26:26 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 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... | 3.359  | 2.623 | 157.0E6  | 50924072 | 52.802   | 54.516    |
| 28)                         | SA Decachlor... | 8.858  | 7.774 | 124.5E6  | 52307399 | 57.164   | 56.672    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.813  | 3.122 | 231.4E6  | 70456572 | 53.919   | 56.001    |
| 3)                          | MA gamma-BHC... | 4.145  | 3.450 | 223.7E6  | 69254803 | 54.127   | 56.152    |
| 4)                          | MA Heptachlor   | 4.732  | 3.786 | 212.9E6  | 64561453 | 55.049   | 55.510    |
| 5)                          | MB Aldrin       | 5.072  | 4.063 | 209.3E6  | 62610204 | 53.982   | 55.989    |
| 6)                          | B beta-BHC      | 4.348  | 3.751 | 90872115 | 29496226 | 54.953   | 56.659    |
| 7)                          | B delta-BHC     | 4.590  | 3.976 | 214.9E6  | 66552421 | 56.035   | 57.924    |
| 8)                          | B Heptachlo...  | 5.501  | 4.568 | 184.3E6  | 57168227 | 53.432   | 56.918    |
| 9)                          | A Endosulfan I  | 5.885  | 4.935 | 168.7E6  | 54186265 | 52.155   | 50.512    |
| 10)                         | B gamma-Chl...  | 5.759  | 4.819 | 183.3E6  | 57697385 | 53.581   | 58.258    |
| 11)                         | B alpha-Chl...  | 5.838  | 4.883 | 182.0E6  | 58481671 | 53.267   | 53.617    |
| 12)                         | B 4,4'-DDE      | 6.022  | 5.082 | 155.1E6  | 50268857 | 55.478   | 61.219    |
| 13)                         | MA Dieldrin     | 6.162  | 5.201 | 174.9E6  | 56429074 | 53.240   | 58.161    |
| 14)                         | MA Endrin       | 6.390  | 5.474 | 153.6E6  | 52827129 | 53.894   | 58.762    |
| 15)                         | B Endosulfa...  | 6.613  | 5.772 | 146.7E6  | 51893719 | 53.226   | 54.571    |
| 16)                         | A 4,4'-DDD      | 6.539  | 5.638 | 116.7E6  | 42034151 | 57.930   | 60.390    |
| 17)                         | MA 4,4'-DDT     | 6.855  | 5.888 | 130.4E6  | 47746964 | 55.330   | 60.382    |
| 18)                         | B Endrin al...  | 6.743  | 5.953 | 108.9E6  | 41519752 | 53.737   | 55.678    |
| 19)                         | B Endosulfa...  | 6.979  | 6.178 | 138.0E6  | 51224744 | 54.983   | 56.783    |
| 20)                         | A Methoxychlor  | 7.340  | 6.473 | 71624676 | 28950935 | 51.284   | 55.032    |
| 21)                         | B Endrin ke...  | 7.461  | 6.679 | 150.8E6  | 63550736 | 52.366   | 55.290    |
| 22)                         | Mirex           | 7.933  | 6.857 | 118.2E6  | 51645552 | 53.377   | 54.757    |
| 23)                         | Chlordane-1     | 0.000  | 3.611 | 0        | 10862    | N.D.     | 0.333 #   |
| 24)                         | Chlordane-2     | 5.072f | 4.204 | 209.3E6  | 80471    | 1609.087 | 2.068 #   |
| 25)                         | Chlordane-3     | 5.759  | 4.819 | 183.3E6  | 57697385 | 359.318  | 570.992 # |
| 26)                         | Chlordane-4     | 5.838  | 4.883 | 182.0E6  | 58481671 | 286.941  | 505.092 # |
| -----                       |                 |        |       |          |          |          |           |

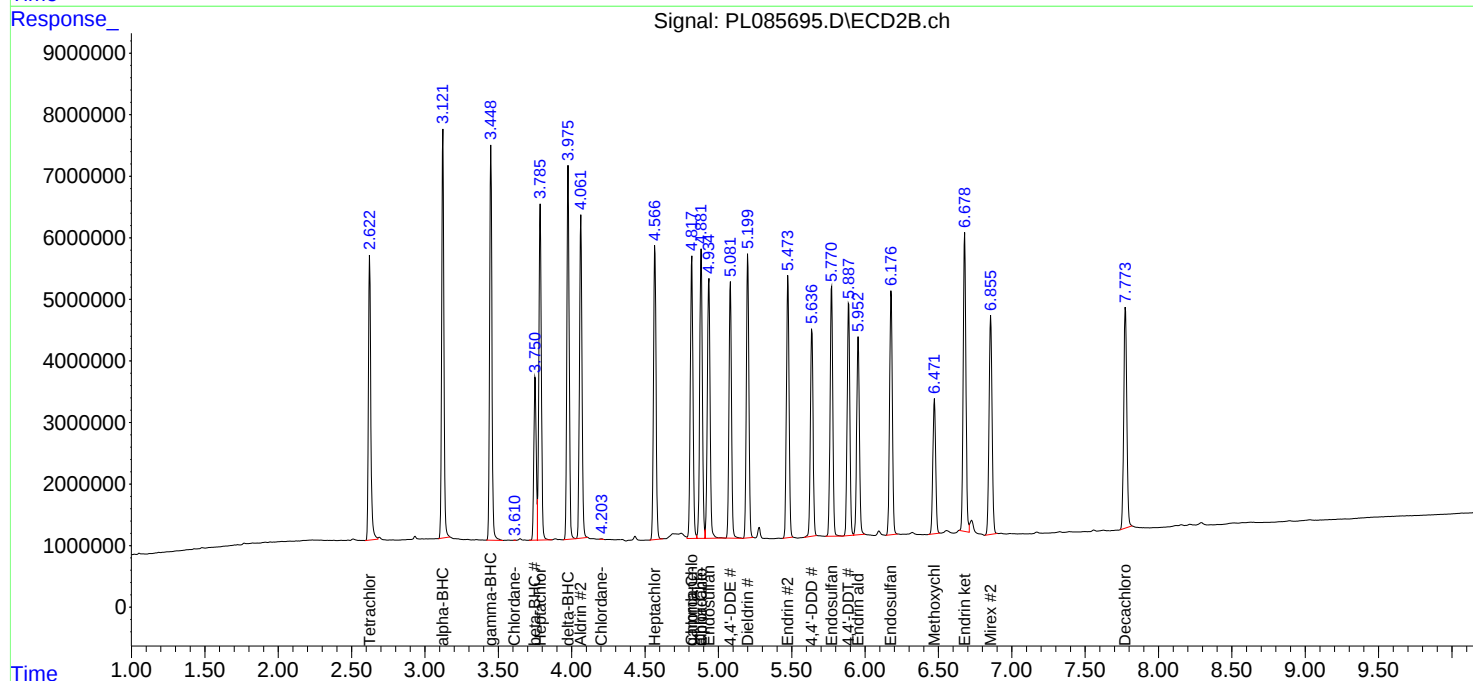
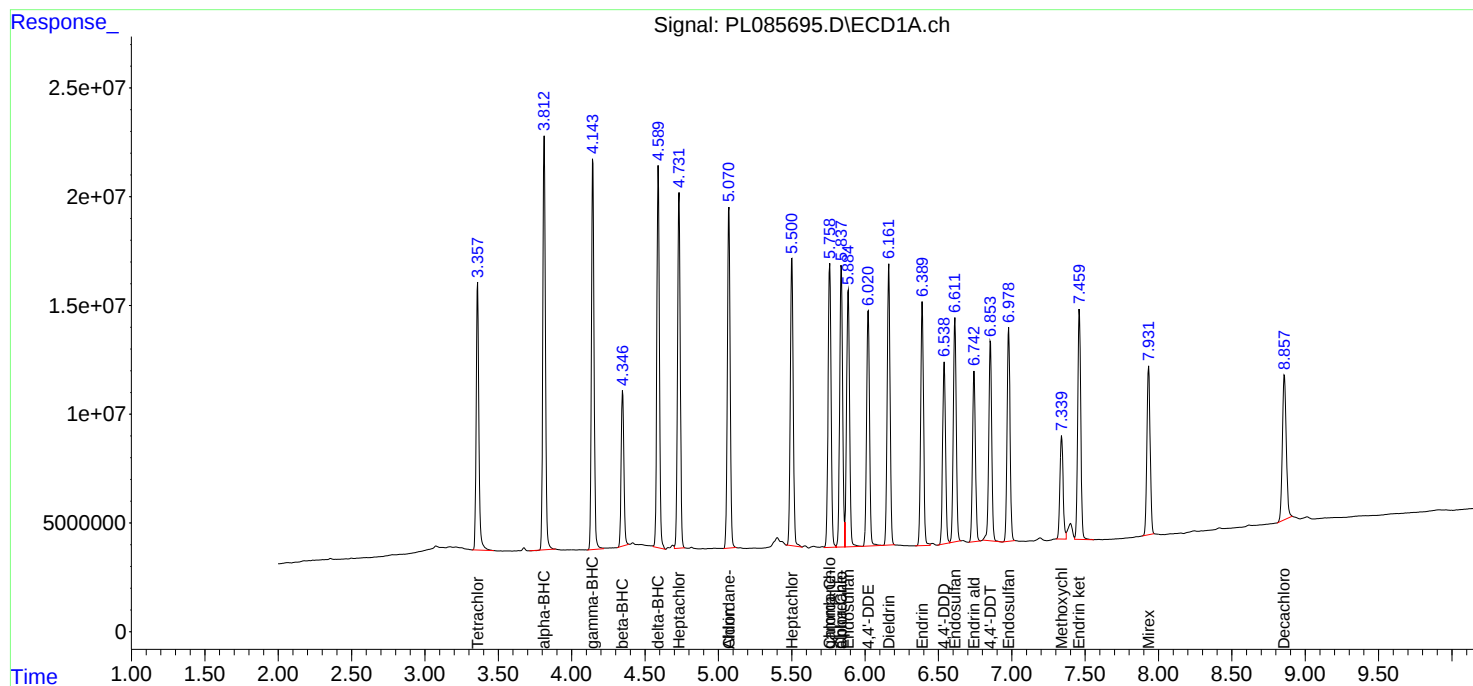
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

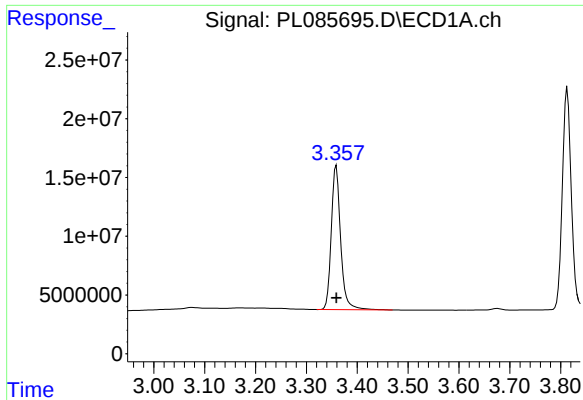
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100423\  
Data File : PL085695.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Oct 2023 18:51  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 21:26:26 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 04 05:29:39 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

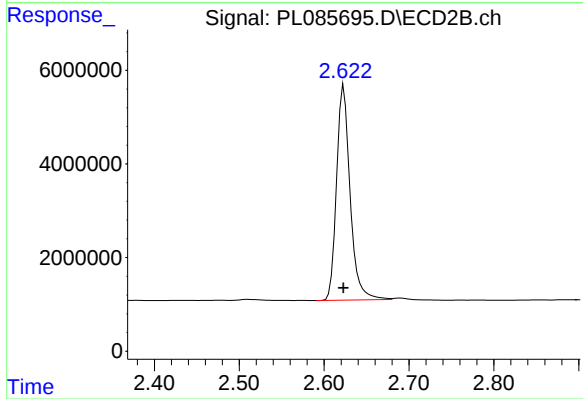




#1 Tetrachloro-m-xylene

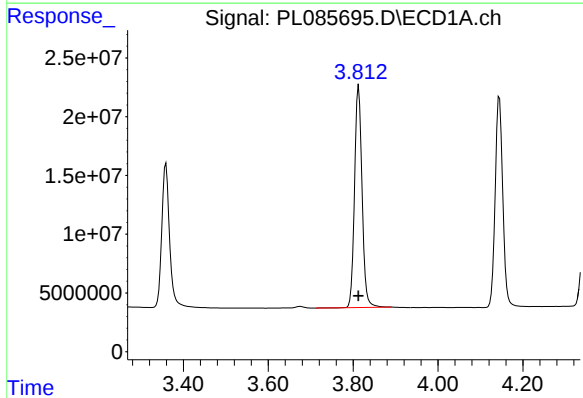
R.T.: 3.359 min  
Delta R.T.: 0.000 min  
Response: 157042012  
Conc: 52.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



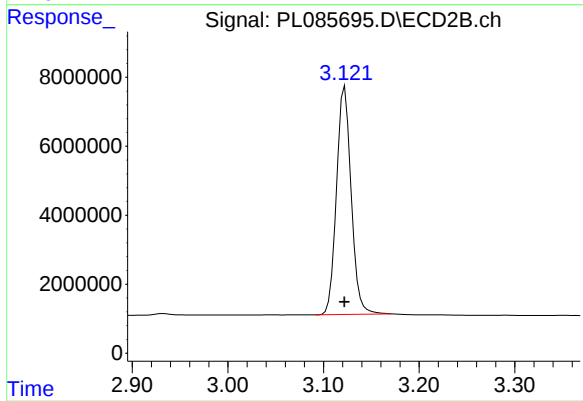
#1 Tetrachloro-m-xylene

R.T.: 2.623 min  
Delta R.T.: 0.000 min  
Response: 50924072  
Conc: 54.52 ng/ml



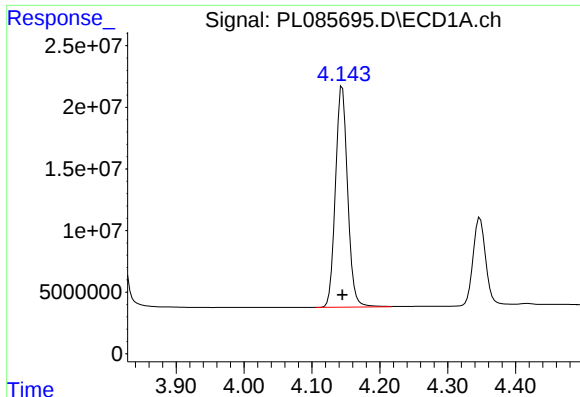
#2 alpha-BHC

R.T.: 3.813 min  
Delta R.T.: 0.000 min  
Response: 231416043  
Conc: 53.92 ng/ml



#2 alpha-BHC

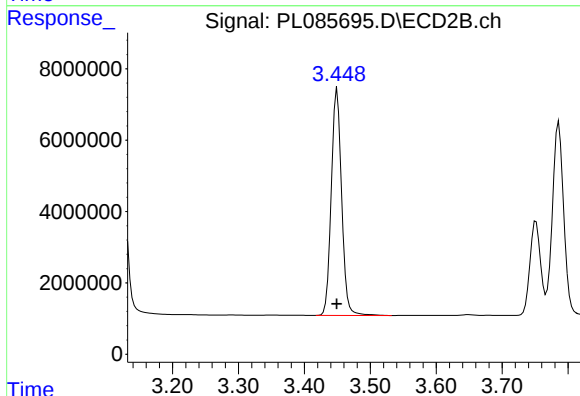
R.T.: 3.122 min  
Delta R.T.: 0.000 min  
Response: 70456572  
Conc: 56.00 ng/ml



#3 gamma-BHC (Lindane)

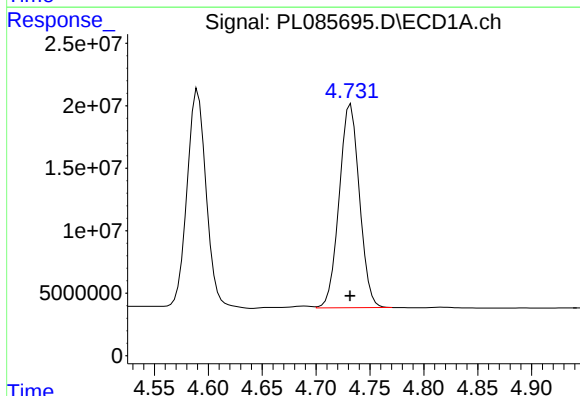
R.T.: 4.145 min  
Delta R.T.: 0.000 min  
Response: 223724309  
Conc: 54.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



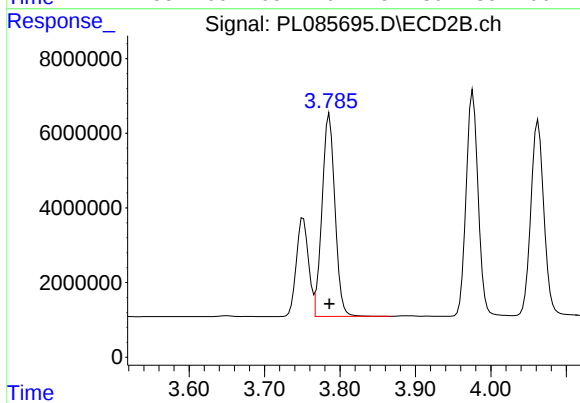
#3 gamma-BHC (Lindane)

R.T.: 3.450 min  
Delta R.T.: 0.000 min  
Response: 69254803  
Conc: 56.15 ng/ml



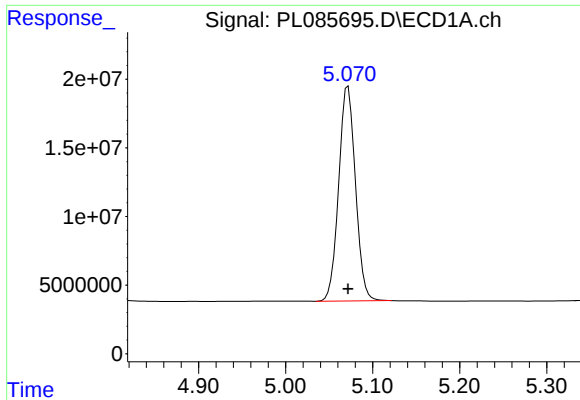
#4 Heptachlor

R.T.: 4.732 min  
Delta R.T.: 0.000 min  
Response: 212906958  
Conc: 55.05 ng/ml



#4 Heptachlor

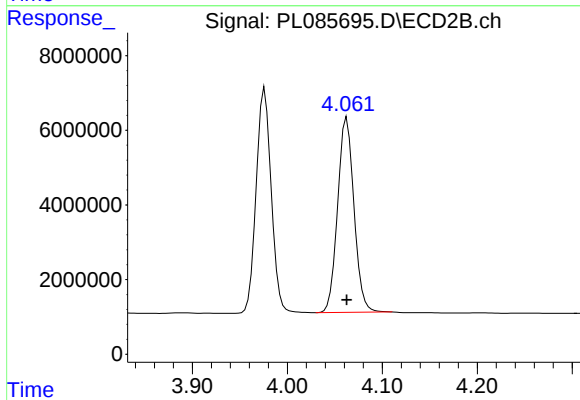
R.T.: 3.786 min  
Delta R.T.: 0.000 min  
Response: 64561453  
Conc: 55.51 ng/ml



#5 Aldrin

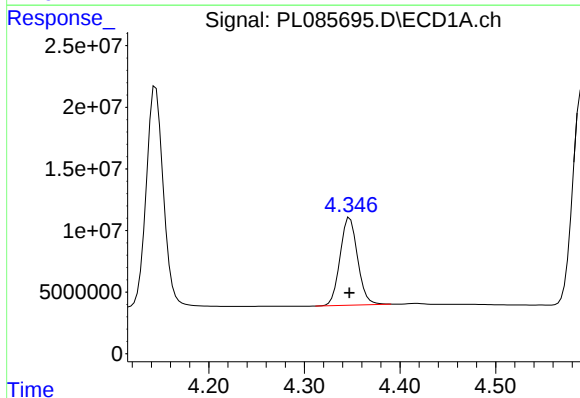
R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 209251934  
Conc: 53.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



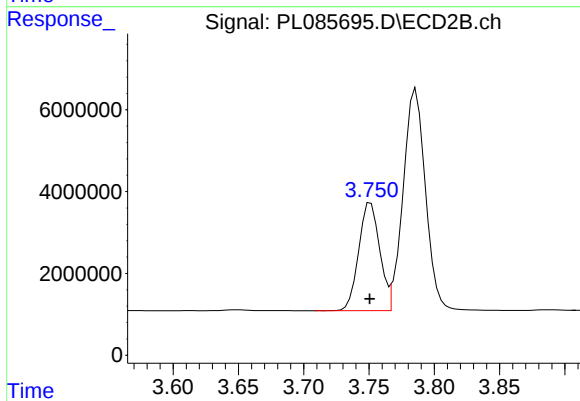
#5 Aldrin

R.T.: 4.063 min  
Delta R.T.: 0.000 min  
Response: 62610204  
Conc: 55.99 ng/ml



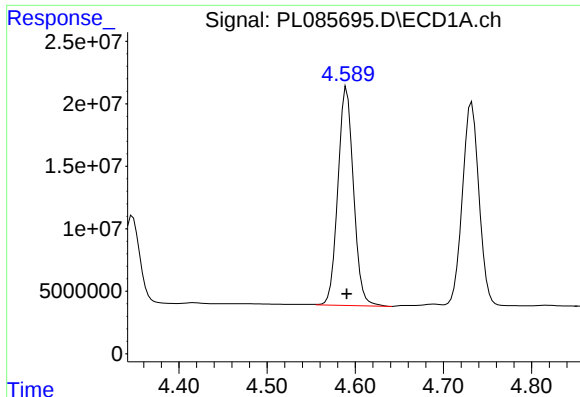
#6 beta-BHC

R.T.: 4.348 min  
Delta R.T.: 0.000 min  
Response: 90872115  
Conc: 54.95 ng/ml



#6 beta-BHC

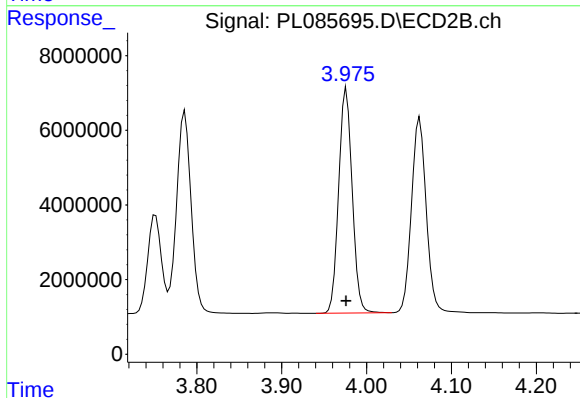
R.T.: 3.751 min  
Delta R.T.: 0.000 min  
Response: 29496226  
Conc: 56.66 ng/ml



#7 delta-BHC

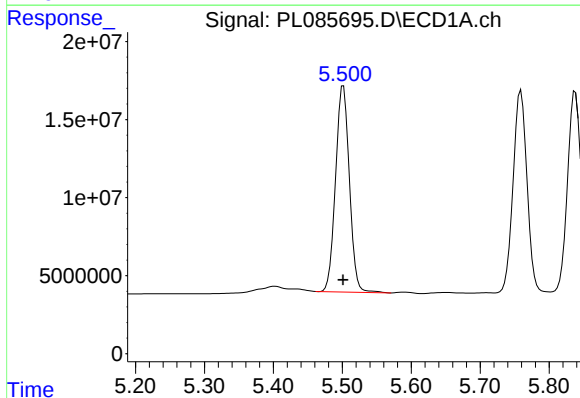
R.T.: 4.590 min  
Delta R.T.: 0.000 min  
Response: 214860959  
Conc: 56.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



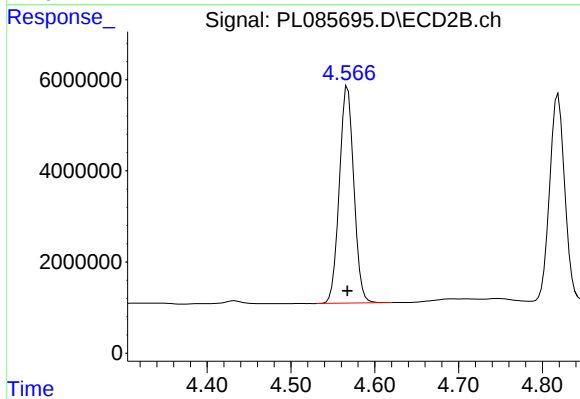
#7 delta-BHC

R.T.: 3.976 min  
Delta R.T.: 0.000 min  
Response: 66552421  
Conc: 57.92 ng/ml



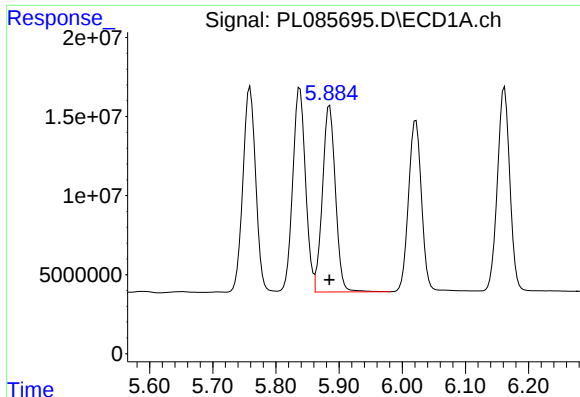
#8 Heptachlor epoxide

R.T.: 5.501 min  
Delta R.T.: 0.000 min  
Response: 184330708  
Conc: 53.43 ng/ml



#8 Heptachlor epoxide

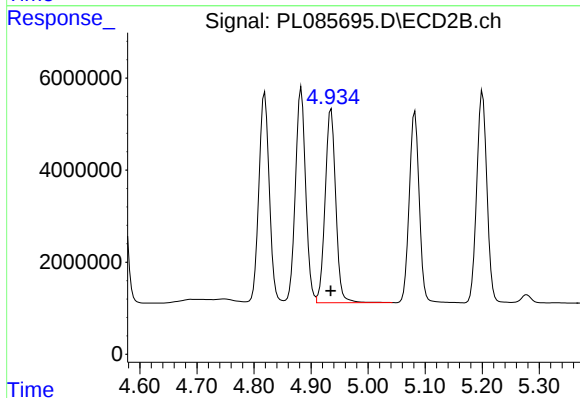
R.T.: 4.568 min  
Delta R.T.: 0.000 min  
Response: 57168227  
Conc: 56.92 ng/ml



#9 Endosulfan I

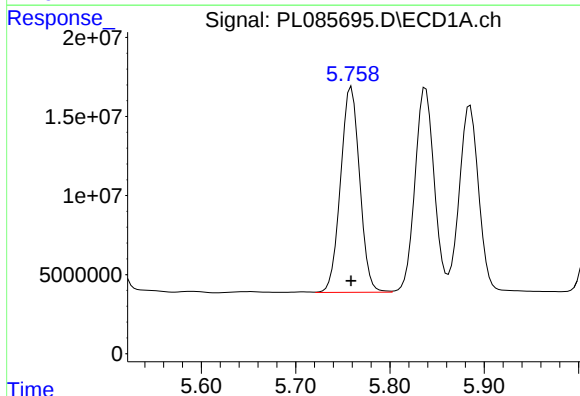
R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 168669304  
Conc: 52.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



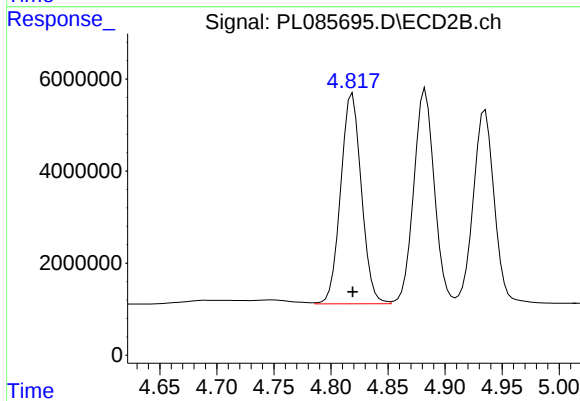
#9 Endosulfan I

R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 54186265  
Conc: 50.51 ng/ml



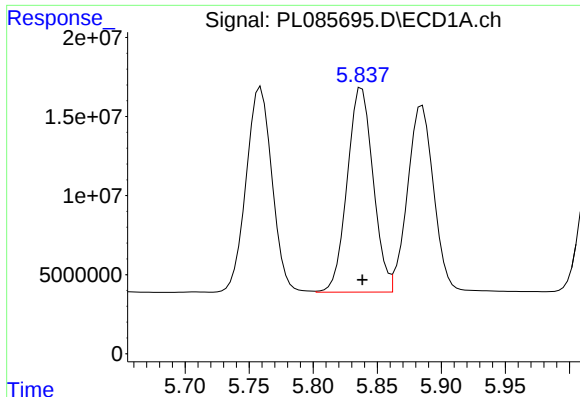
#10 gamma-Chlordane

R.T.: 5.759 min  
Delta R.T.: 0.000 min  
Response: 183324368  
Conc: 53.58 ng/ml



#10 gamma-Chlordane

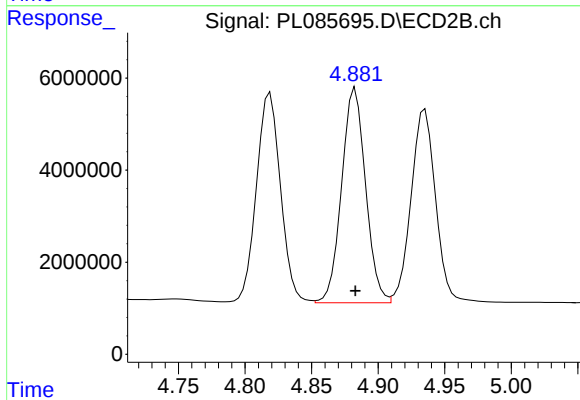
R.T.: 4.819 min  
Delta R.T.: 0.000 min  
Response: 57697385  
Conc: 58.26 ng/ml



#11 alpha-Chlordane

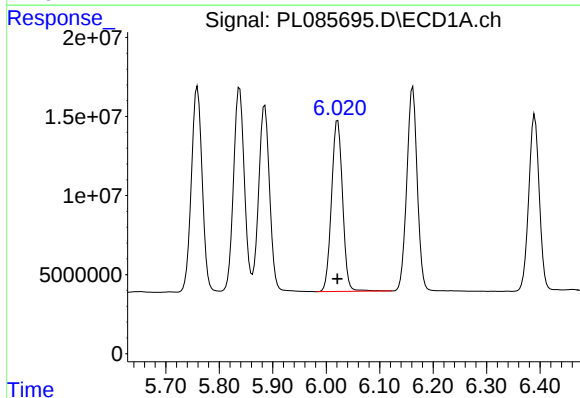
R.T.: 5.838 min  
Delta R.T.: 0.000 min  
Response: 182046919  
Conc: 53.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



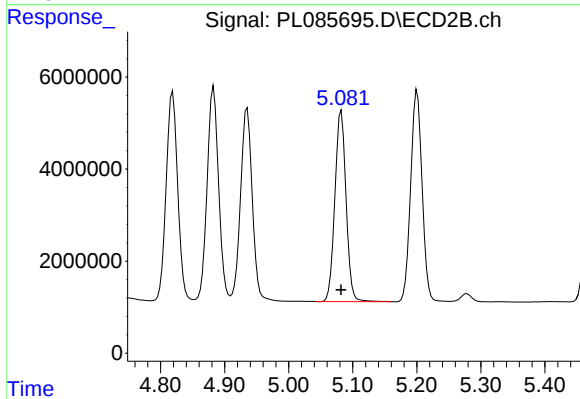
#11 alpha-Chlordane

R.T.: 4.883 min  
Delta R.T.: 0.000 min  
Response: 58481671  
Conc: 53.62 ng/ml



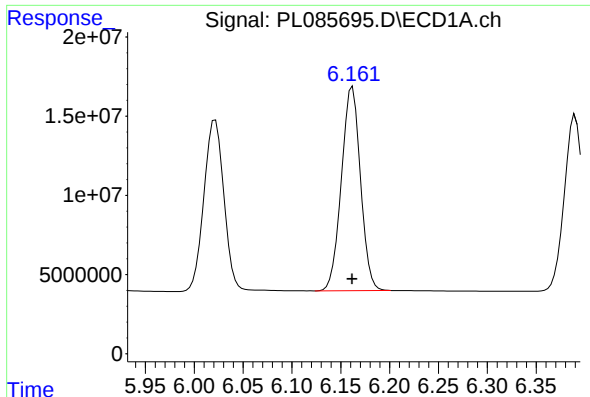
#12 4,4'-DDE

R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 155145644  
Conc: 55.48 ng/ml



#12 4,4'-DDE

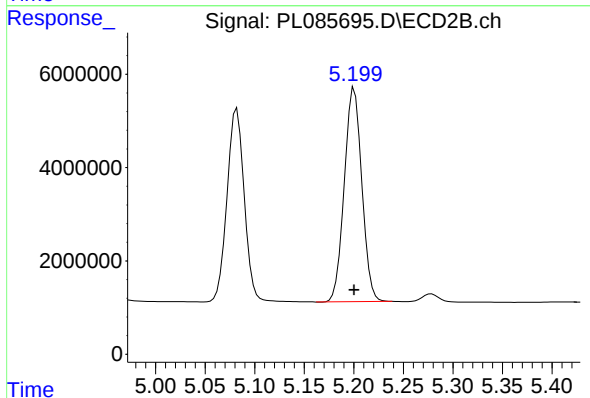
R.T.: 5.082 min  
Delta R.T.: 0.000 min  
Response: 50268857  
Conc: 61.22 ng/ml



#13 Dieldrin

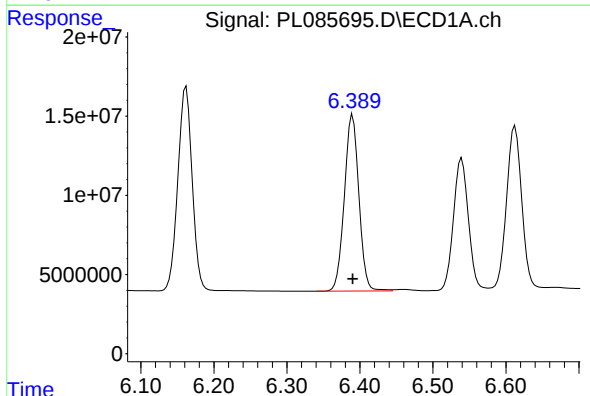
R.T.: 6.162 min  
Delta R.T.: 0.000 min  
Response: 174947193  
Conc: 53.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



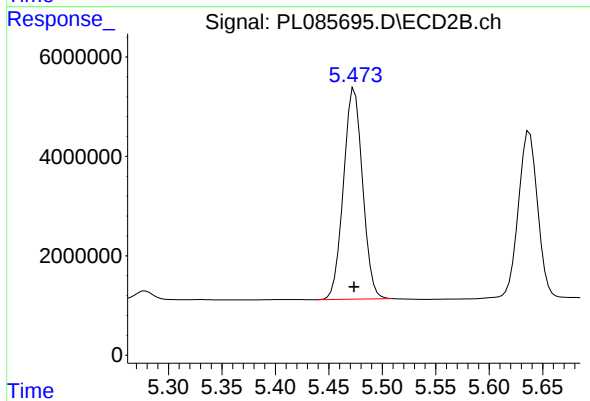
#13 Dieldrin

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 56429074  
Conc: 58.16 ng/ml



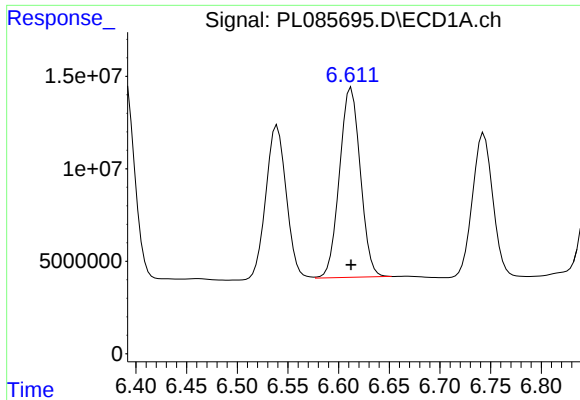
#14 Endrin

R.T.: 6.390 min  
Delta R.T.: 0.000 min  
Response: 153585807  
Conc: 53.89 ng/ml



#14 Endrin

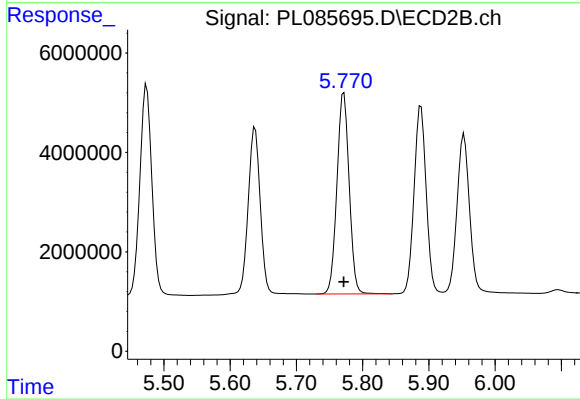
R.T.: 5.474 min  
Delta R.T.: 0.000 min  
Response: 52827129  
Conc: 58.76 ng/ml



#15 Endosulfan II

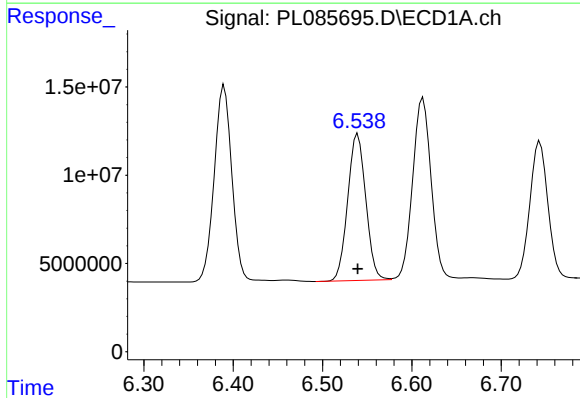
R.T.: 6.613 min  
Delta R.T.: 0.000 min  
Response: 146663462  
Conc: 53.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



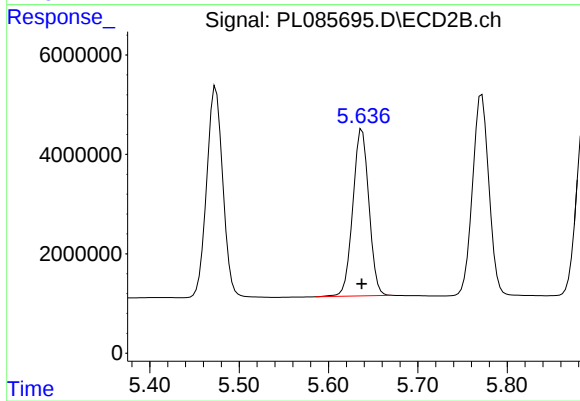
#15 Endosulfan II

R.T.: 5.772 min  
Delta R.T.: 0.000 min  
Response: 51893719  
Conc: 54.57 ng/ml



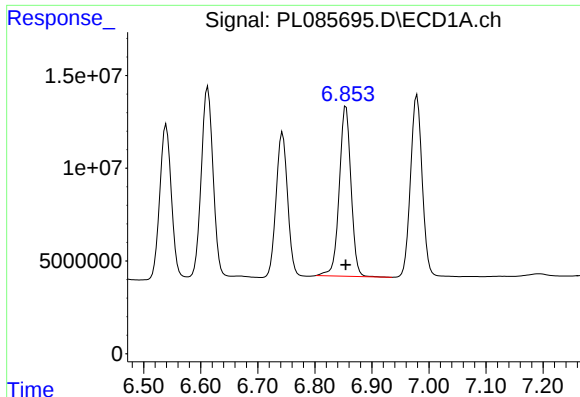
#16 4,4'-DDD

R.T.: 6.539 min  
Delta R.T.: 0.000 min  
Response: 116710265  
Conc: 57.93 ng/ml



#16 4,4'-DDD

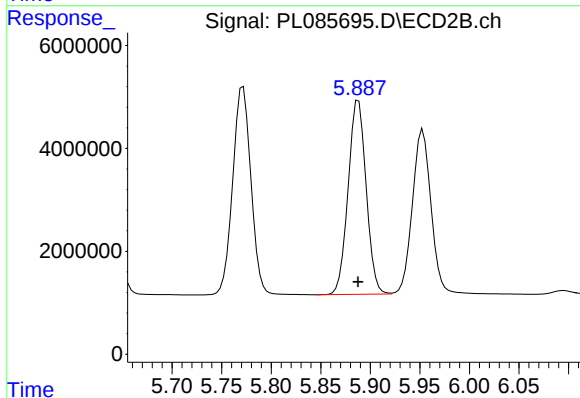
R.T.: 5.638 min  
Delta R.T.: 0.000 min  
Response: 42034151  
Conc: 60.39 ng/ml



#17 4,4'-DDT

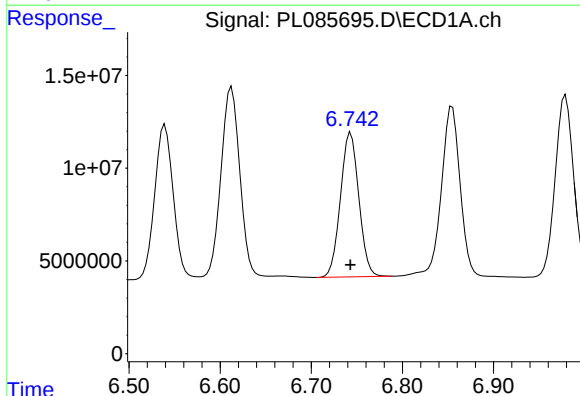
R.T.: 6.855 min  
Delta R.T.: 0.000 min  
Response: 130418121  
Conc: 55.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



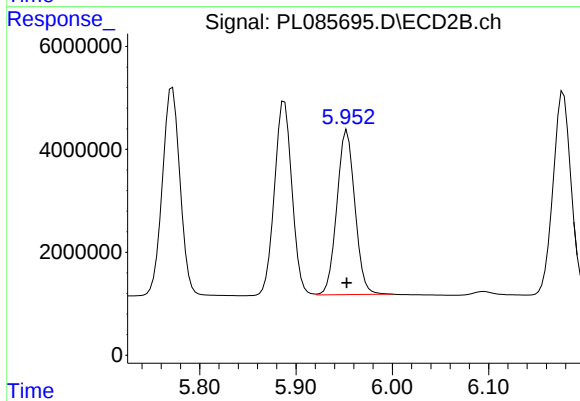
#17 4,4'-DDT

R.T.: 5.888 min  
Delta R.T.: 0.000 min  
Response: 47746964  
Conc: 60.38 ng/ml



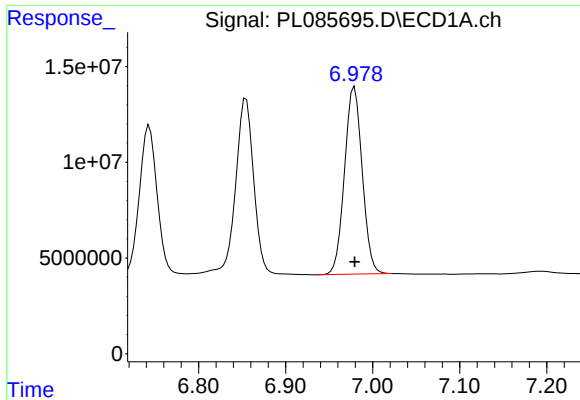
#18 Endrin aldehyde

R.T.: 6.743 min  
Delta R.T.: 0.000 min  
Response: 108911532  
Conc: 53.74 ng/ml



#18 Endrin aldehyde

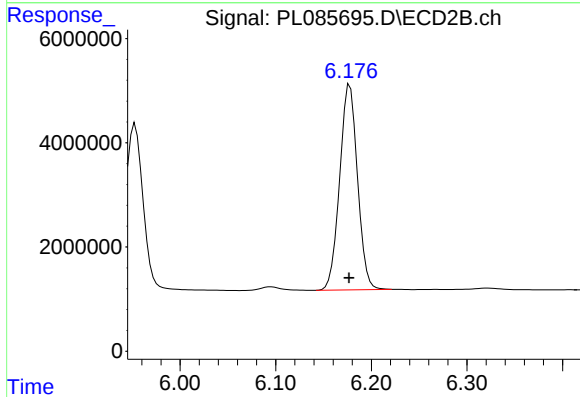
R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 41519752  
Conc: 55.68 ng/ml



#19 Endosulfan Sulfate

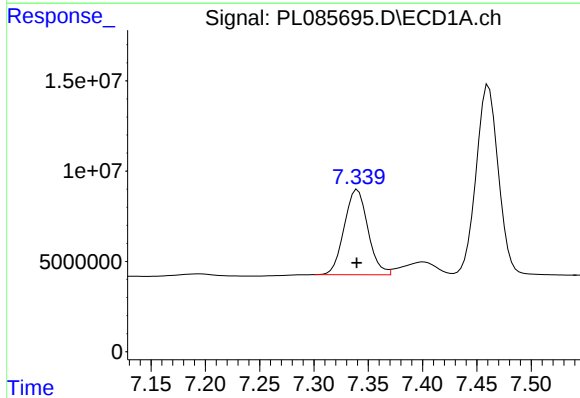
R.T.: 6.979 min  
Delta R.T.: 0.000 min  
Response: 137991430  
Conc: 54.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



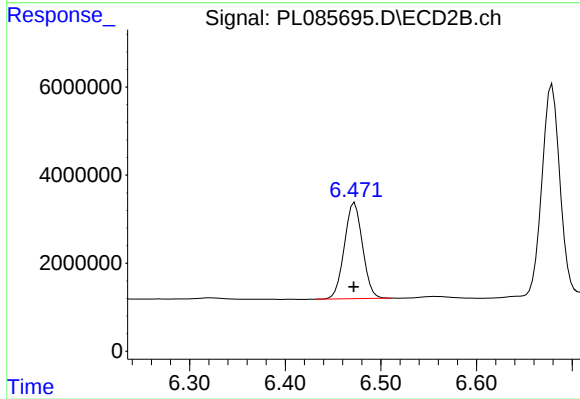
#19 Endosulfan Sulfate

R.T.: 6.178 min  
Delta R.T.: 0.000 min  
Response: 51224744  
Conc: 56.78 ng/ml



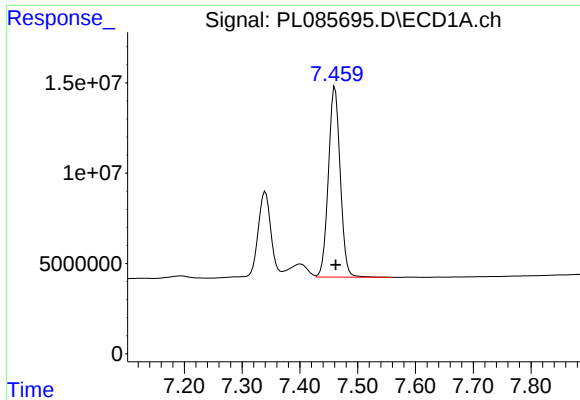
#20 Methoxychlor

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 71624676  
Conc: 51.28 ng/ml



#20 Methoxychlor

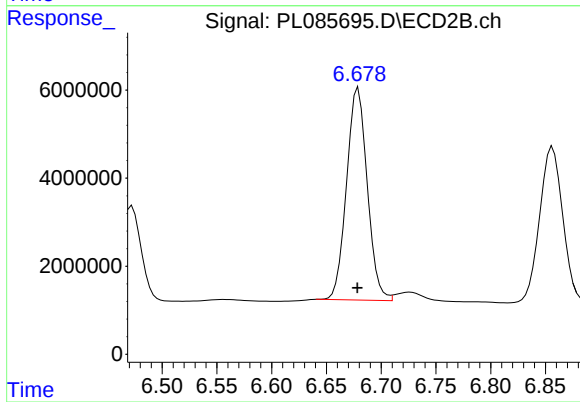
R.T.: 6.473 min  
Delta R.T.: 0.001 min  
Response: 28950935  
Conc: 55.03 ng/ml



#21 Endrin ketone

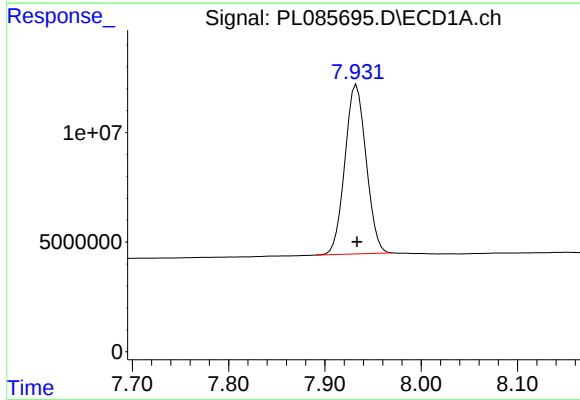
R.T.: 7.461 min  
Delta R.T.: -0.001 min  
Response: 150829355  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



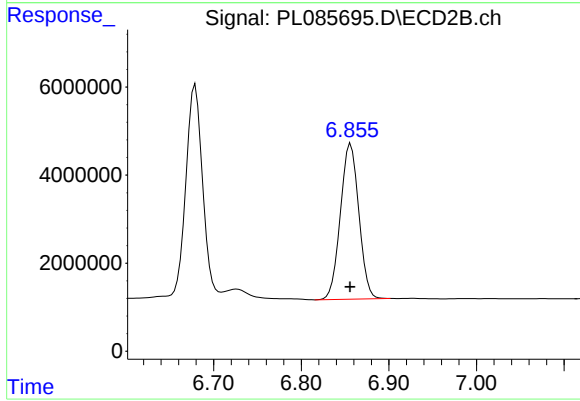
#21 Endrin ketone

R.T.: 6.679 min  
Delta R.T.: 0.000 min  
Response: 63550736  
Conc: 55.29 ng/ml



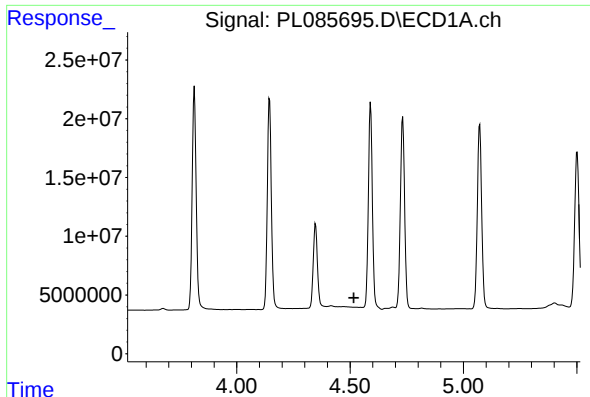
#22 Mirex

R.T.: 7.933 min  
Delta R.T.: 0.000 min  
Response: 118175433  
Conc: 53.38 ng/ml



#22 Mirex

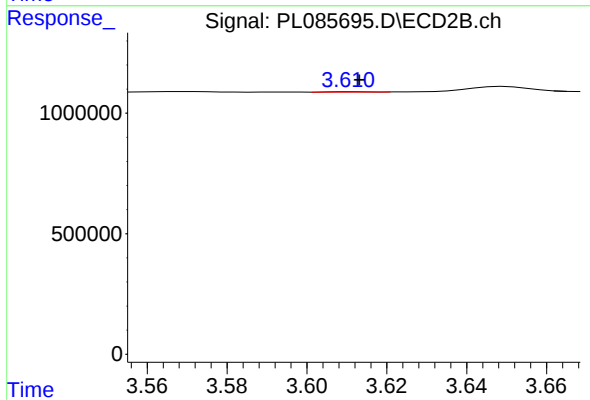
R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 51645552  
Conc: 54.76 ng/ml



#23 Chlordane-1

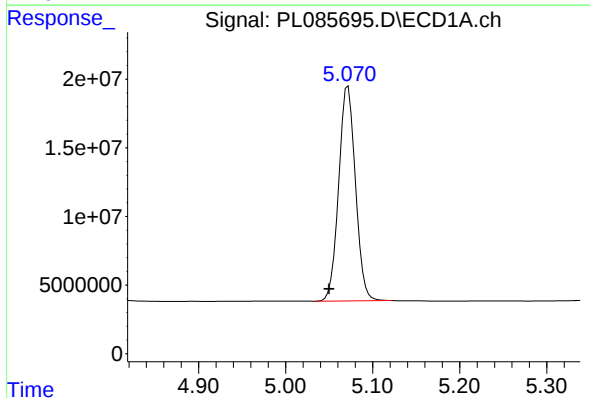
R.T.: 0.000 min  
Exp R.T.: 4.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



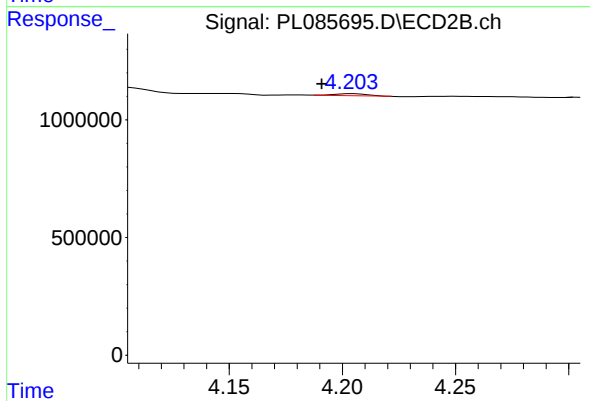
#23 Chlordane-1

R.T.: 3.611 min  
Delta R.T.: -0.002 min  
Response: 10862  
Conc: 0.33 ng/ml



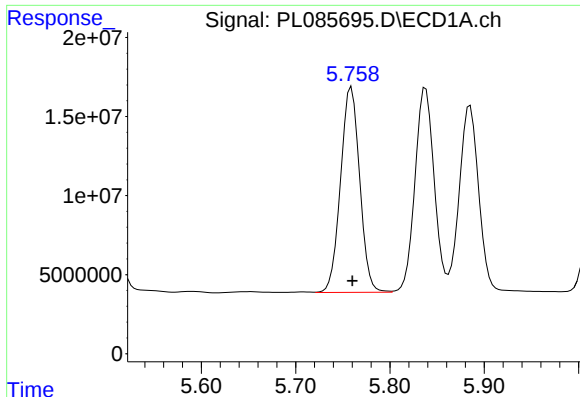
#24 Chlordane-2

R.T.: 5.072 min  
Delta R.T.: 0.022 min  
Response: 209251934  
Conc: 1609.09 ng/ml



#24 Chlordane-2

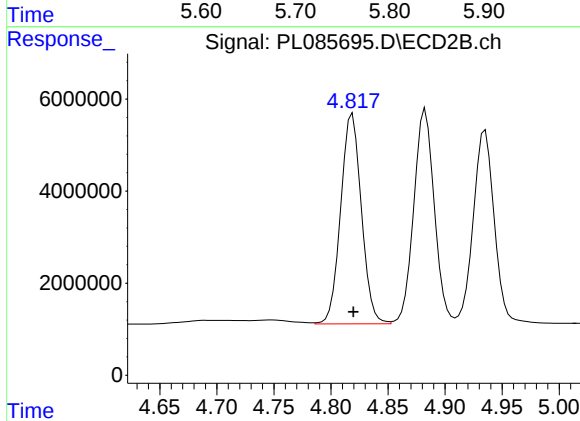
R.T.: 4.204 min  
Delta R.T.: 0.013 min  
Response: 80471  
Conc: 2.07 ng/ml



#25 Chlordane-3

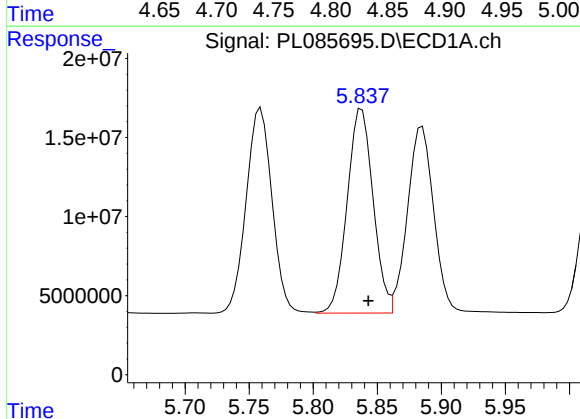
R.T.: 5.759 min  
Delta R.T.: 0.000 min  
Response: 183324368  
Conc: 359.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



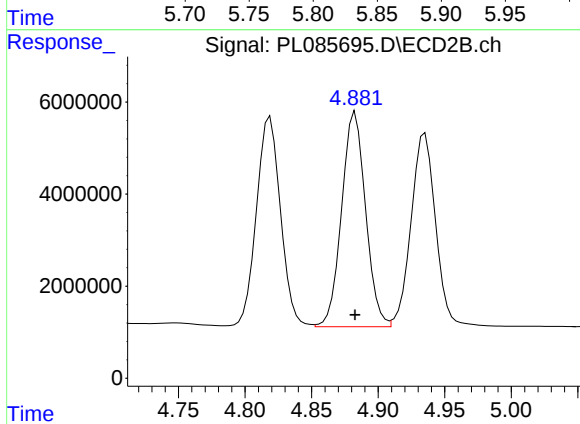
#25 Chlordane-3

R.T.: 4.819 min  
Delta R.T.: 0.000 min  
Response: 57697385  
Conc: 570.99 ng/ml



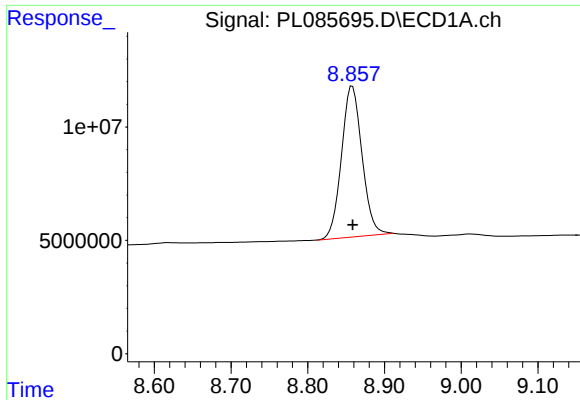
#26 Chlordane-4

R.T.: 5.838 min  
Delta R.T.: -0.005 min  
Response: 182046919  
Conc: 286.94 ng/ml



#26 Chlordane-4

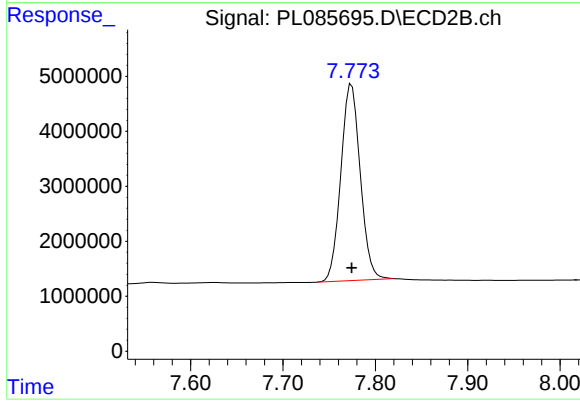
R.T.: 4.883 min  
Delta R.T.: 0.000 min  
Response: 58481671  
Conc: 505.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.858 min  
Delta R.T.: 0.000 min  
Response: 124505738  
Conc: 57.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.774 min  
Delta R.T.: 0.000 min  
Response: 52307399  
Conc: 56.67 ng/ml