

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100923\  
 Data File : PL085805.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2023 23:45  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 04:48:11 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... | 3.358  | 2.622 | 138.9E6  | 42870477 | 46.690   | 45.894    |
| 2)                          | SA Decachlor... | 8.860  | 7.776 | 117.9E6  | 46642014 | 54.135   | 50.534    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.811  | 3.122 | 202.7E6  | 57698474 | 47.220   | 45.860    |
| 3)                          | MA gamma-BHC... | 4.143  | 3.449 | 196.2E6  | 56791506 | 47.459   | 46.047    |
| 4)                          | MA Heptachlor   | 4.731  | 3.785 | 184.8E6  | 52351906 | 47.793   | 45.012    |
| 5)                          | MB Aldrin       | 5.071  | 4.062 | 185.5E6  | 51565819 | 47.864   | 46.112    |
| 6)                          | B beta-BHC      | 4.346  | 3.750 | 82161305 | 24903179 | 49.686   | 47.837    |
| 7)                          | B delta-BHC     | 4.589  | 3.976 | 191.3E6  | 55171892 | 49.885   | 48.019    |
| 8)                          | B Heptachlo...  | 5.501  | 4.567 | 168.0E6  | 46947935 | 48.702   | 46.742    |
| 9)                          | A Endosulfan I  | 5.885  | 4.935 | 157.6E6  | 43344382 | 48.742   | 40.405    |
| 10)                         | B gamma-Chl...  | 5.758  | 4.819 | 172.1E6  | 47480191 | 50.294   | 47.941    |
| 11)                         | B alpha-Chl...  | 5.837  | 4.883 | 168.6E6  | 47343854 | 49.336   | 43.406    |
| 12)                         | B 4,4'-DDE      | 6.021  | 5.082 | 145.5E6  | 41130807 | 52.039   | 50.090    |
| 13)                         | MA Dieldrin     | 6.162  | 5.201 | 159.4E6  | 44956462 | 48.519   | 46.336    |
| 14)                         | MA Endrin       | 6.391  | 5.474 | 138.4E6  | 41210960 | 48.581   | 45.841    |
| 15)                         | B Endosulfa...  | 6.612  | 5.772 | 136.6E6  | 43367895 | 49.558   | 45.605    |
| 16)                         | A 4,4'-DDD      | 6.539  | 5.638 | 120.0E6  | 36913034 | 59.587   | 53.033    |
| 17)                         | MA 4,4'-DDT     | 6.855  | 5.889 | 116.7E6  | 38307584 | 49.527   | 48.444    |
| 18)                         | B Endrin al...  | 6.744  | 5.954 | 102.4E6  | 34921300 | 50.510   | 46.830    |
| 19)                         | B Endosulfa...  | 6.980  | 6.178 | 130.4E6  | 43770703 | 51.946   | 48.520    |
| 20)                         | A Methoxychlor  | 7.340  | 6.474 | 65747504 | 24034548 | 47.076   | 45.686    |
| 21)                         | B Endrin ke...  | 7.462  | 6.680 | 142.5E6  | 55691853 | 49.474   | 48.452    |
| 22)                         | Mirex           | 7.935  | 6.857 | 109.5E6  | 44754467 | 49.478   | 47.451    |
| 23)                         | Chlordane-1     | 0.000  | 3.609 | 0        | 11709    | N.D.     | 0.359 #   |
| 24)                         | Chlordane-2     | 5.071f | 4.203 | 185.5E6  | 452077   | 1426.726 | 11.617 #  |
| 25)                         | Chlordane-3     | 5.758  | 4.819 | 172.1E6  | 47480191 | 337.272  | 469.879 # |
| 26)                         | Chlordane-4     | 5.837  | 4.883 | 168.6E6  | 47343854 | 265.770  | 408.898 # |
| -----                       |                 |        |       |          |          |          |           |

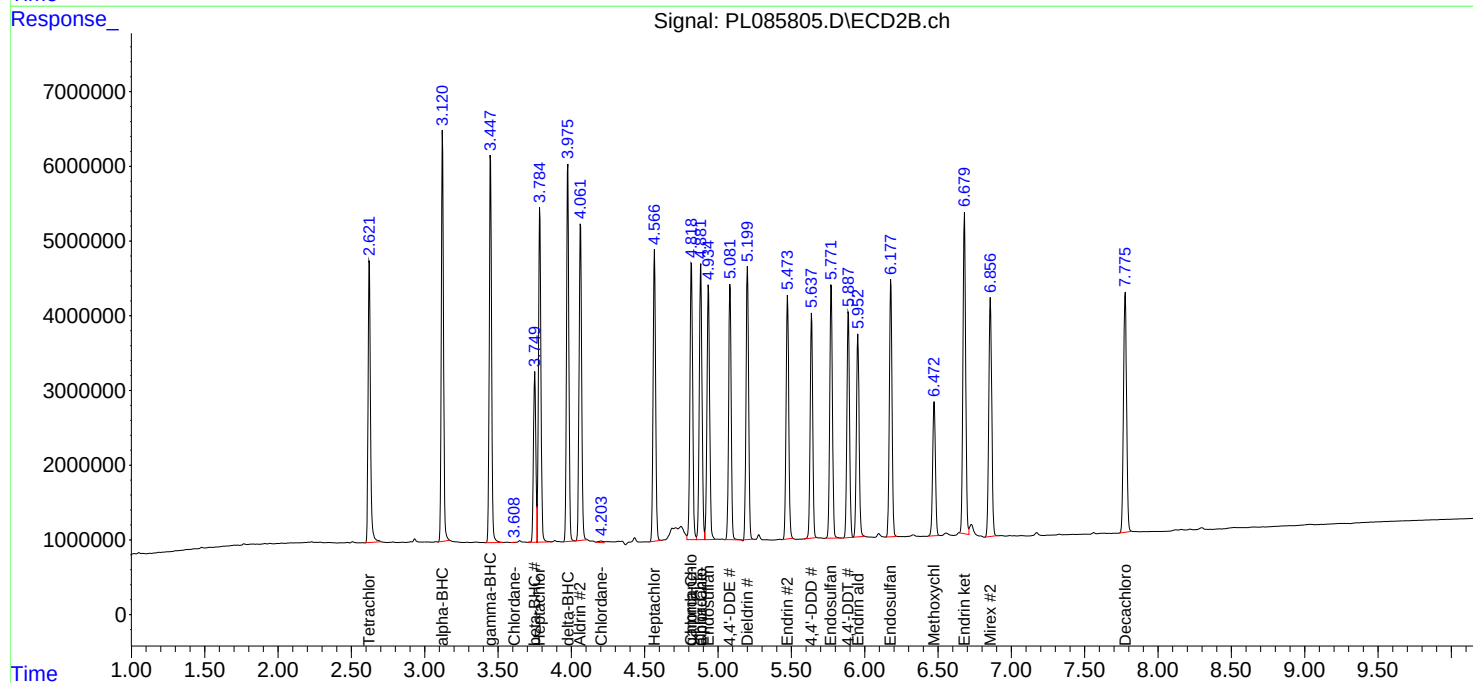
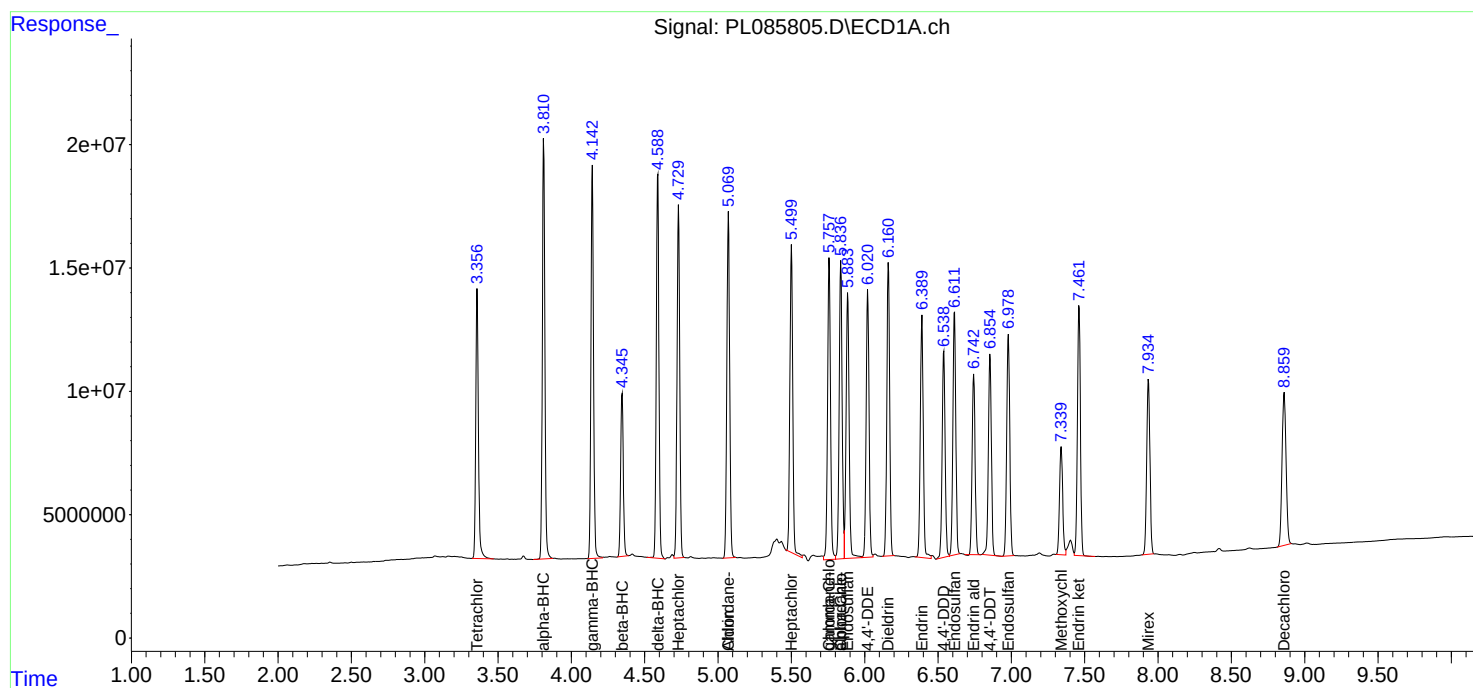
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

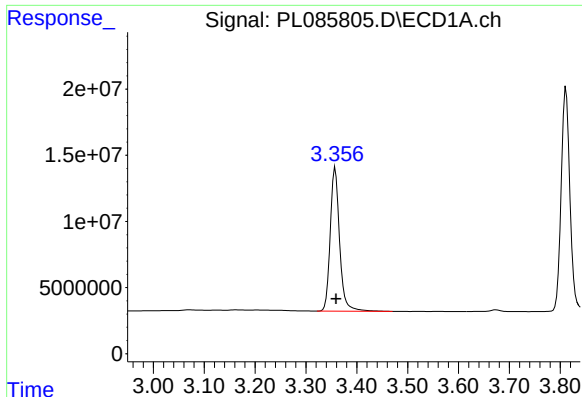
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100923\  
Data File : PL085805.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2023 23:45  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 04:48:11 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

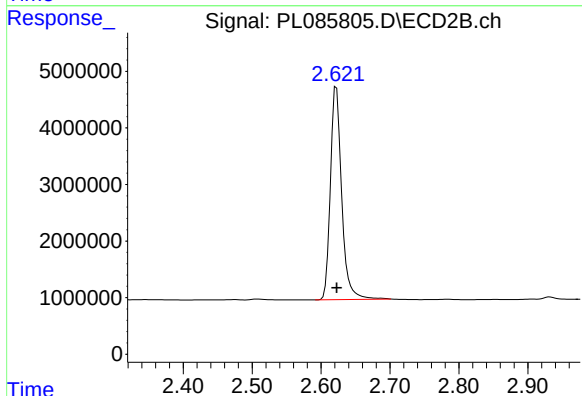




#1 Tetrachloro-m-xylene

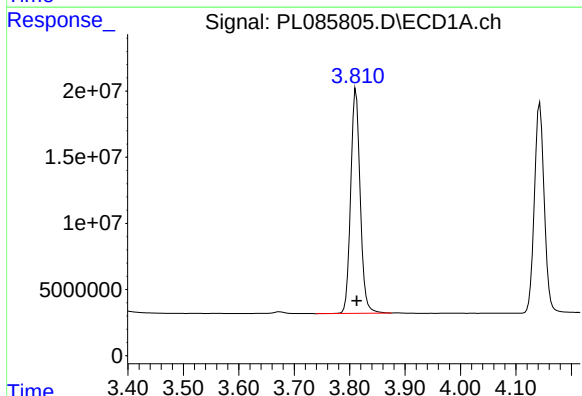
R.T.: 3.358 min  
Delta R.T.: -0.001 min  
Response: 138864383  
Conc: 46.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



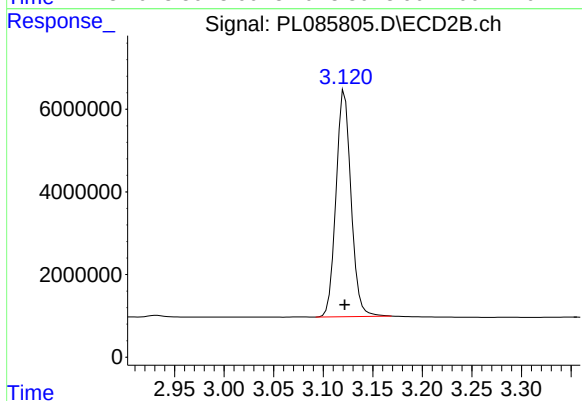
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: 0.000 min  
Response: 42870477  
Conc: 45.89 ng/ml



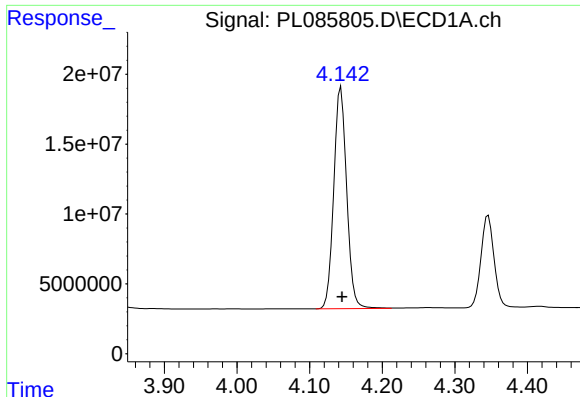
#2 alpha-BHC

R.T.: 3.811 min  
Delta R.T.: -0.001 min  
Response: 202665181  
Conc: 47.22 ng/ml



#2 alpha-BHC

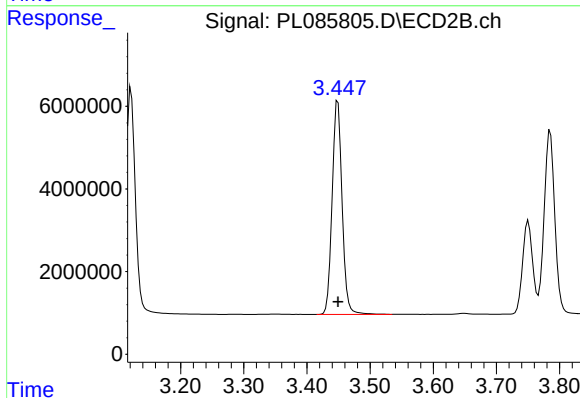
R.T.: 3.122 min  
Delta R.T.: 0.000 min  
Response: 57698474  
Conc: 45.86 ng/ml



#3 gamma-BHC (Lindane)

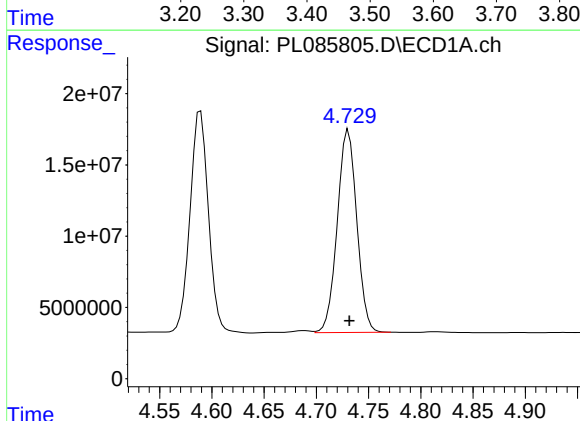
R.T.: 4.143 min  
Delta R.T.: -0.002 min  
Response: 196161331  
Conc: 47.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



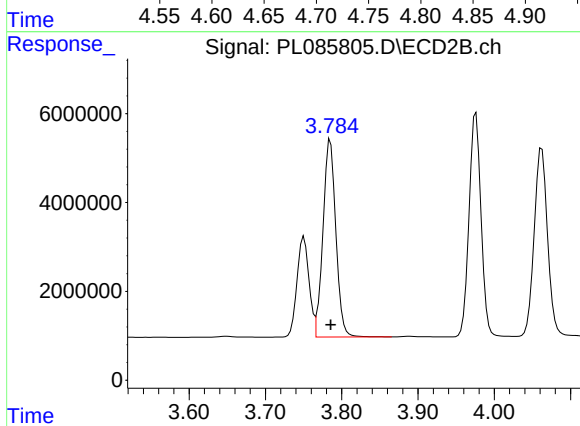
#3 gamma-BHC (Lindane)

R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 56791506  
Conc: 46.05 ng/ml



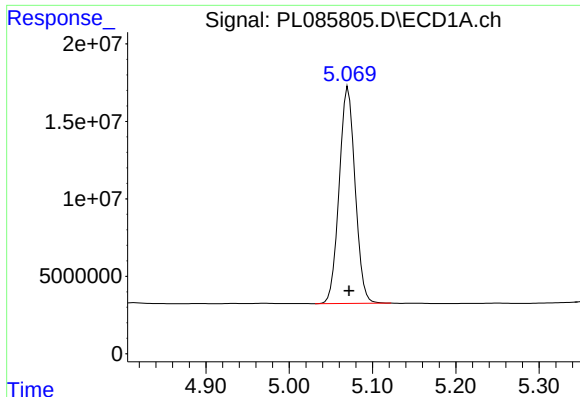
#4 Heptachlor

R.T.: 4.731 min  
Delta R.T.: 0.000 min  
Response: 184845157  
Conc: 47.79 ng/ml



#4 Heptachlor

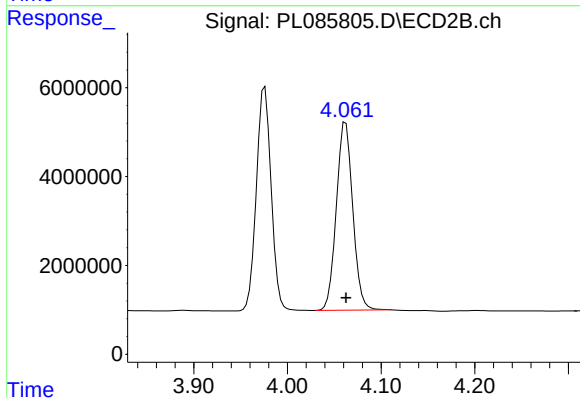
R.T.: 3.785 min  
Delta R.T.: 0.000 min  
Response: 52351906  
Conc: 45.01 ng/ml



#5 Aldrin

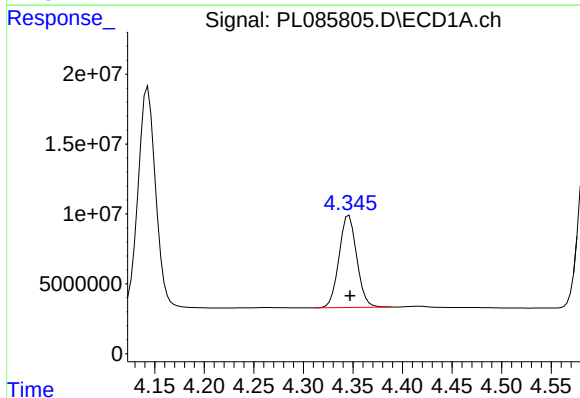
R.T.: 5.071 min  
Delta R.T.: -0.001 min  
Response: 185537086  
Conc: 47.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



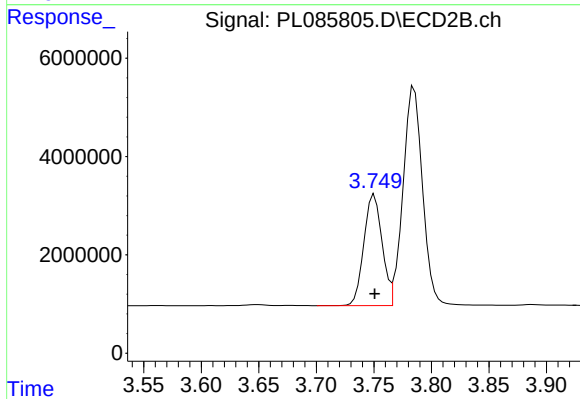
#5 Aldrin

R.T.: 4.062 min  
Delta R.T.: 0.000 min  
Response: 51565819  
Conc: 46.11 ng/ml



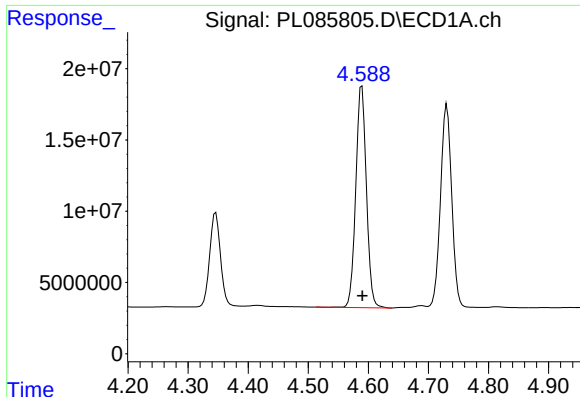
#6 beta-BHC

R.T.: 4.346 min  
Delta R.T.: -0.001 min  
Response: 82161305  
Conc: 49.69 ng/ml



#6 beta-BHC

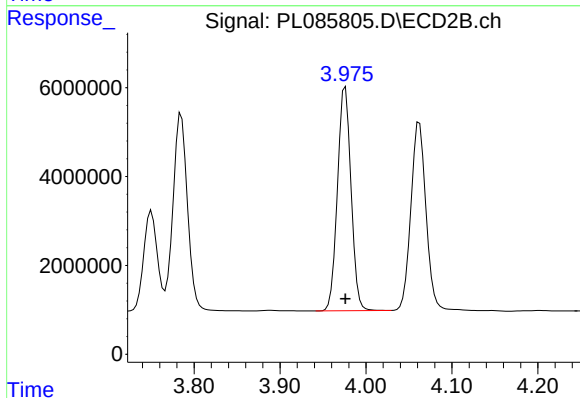
R.T.: 3.750 min  
Delta R.T.: 0.000 min  
Response: 24903179  
Conc: 47.84 ng/ml



#7 delta-BHC

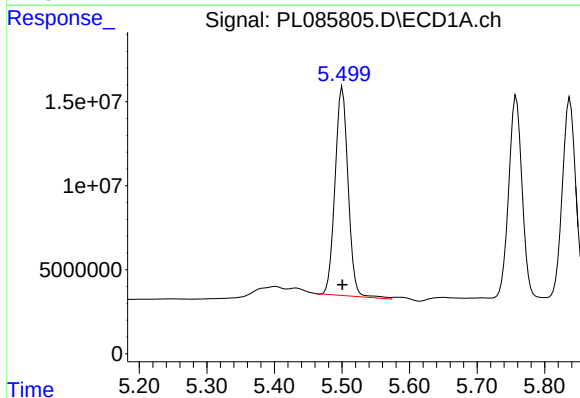
R.T.: 4.589 min  
Delta R.T.: -0.001 min  
Response: 191278430  
Conc: 49.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



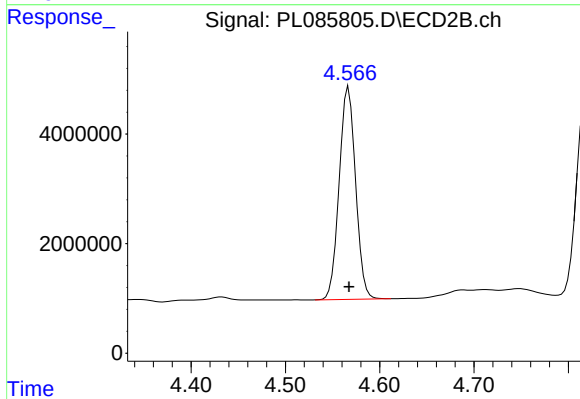
#7 delta-BHC

R.T.: 3.976 min  
Delta R.T.: 0.000 min  
Response: 55171892  
Conc: 48.02 ng/ml



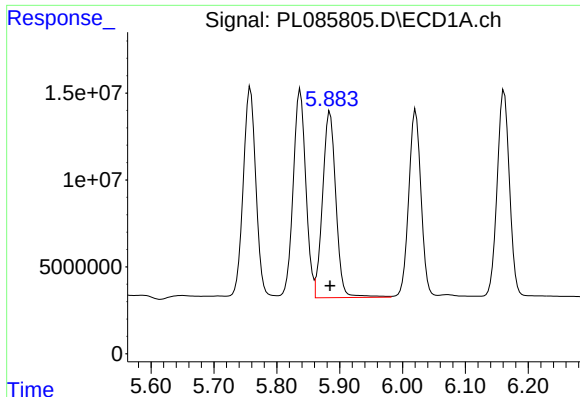
#8 Heptachlor epoxide

R.T.: 5.501 min  
Delta R.T.: 0.000 min  
Response: 168013891  
Conc: 48.70 ng/ml



#8 Heptachlor epoxide

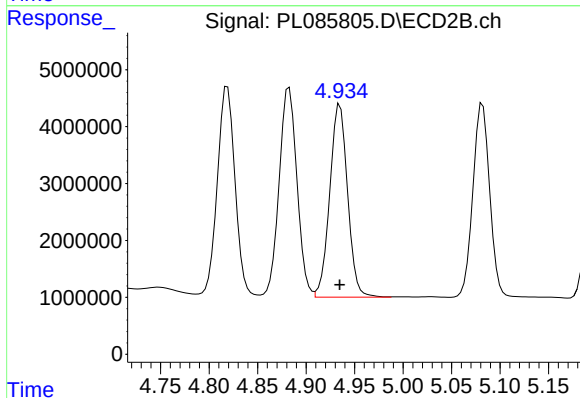
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 46947935  
Conc: 46.74 ng/ml



#9 Endosulfan I

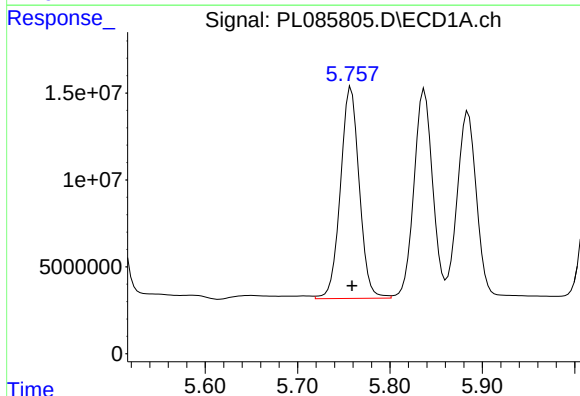
R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 157631597  
Conc: 48.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



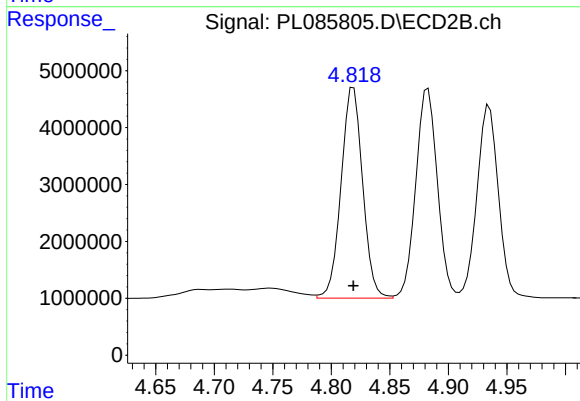
#9 Endosulfan I

R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 43344382  
Conc: 40.41 ng/ml



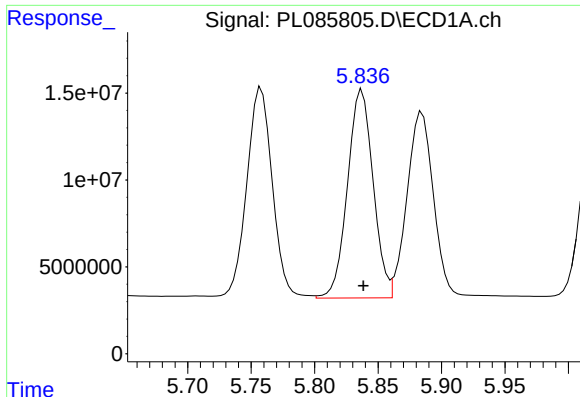
#10 gamma-Chlordane

R.T.: 5.758 min  
Delta R.T.: 0.000 min  
Response: 172076312  
Conc: 50.29 ng/ml



#10 gamma-Chlordane

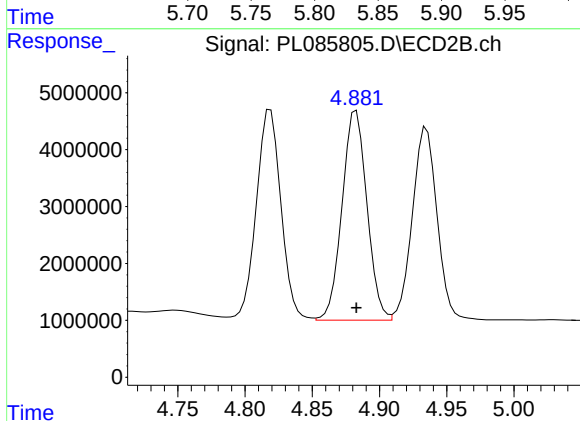
R.T.: 4.819 min  
Delta R.T.: 0.000 min  
Response: 47480191  
Conc: 47.94 ng/ml



#11 alpha-Chlordane

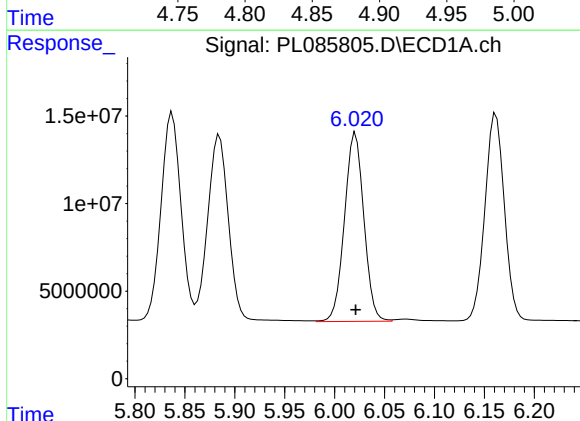
R.T.: 5.837 min  
Delta R.T.: 0.000 min  
Response: 168615107  
Conc: 49.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



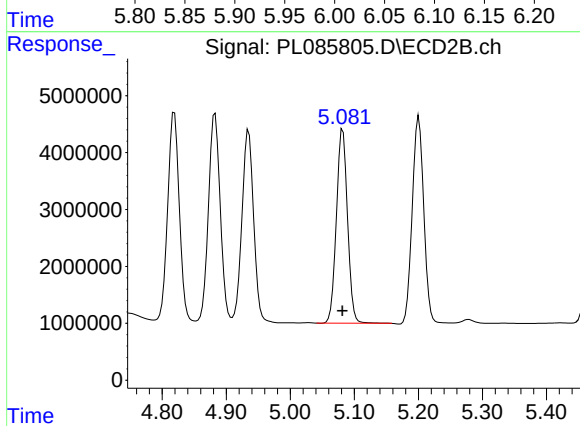
#11 alpha-Chlordane

R.T.: 4.883 min  
Delta R.T.: 0.000 min  
Response: 47343854  
Conc: 43.41 ng/ml



#12 4,4'-DDE

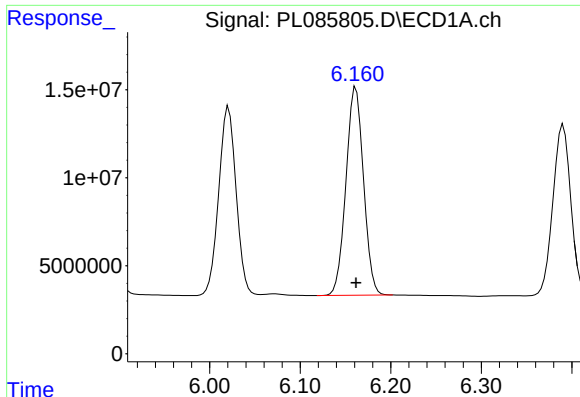
R.T.: 6.021 min  
Delta R.T.: 0.000 min  
Response: 145529372  
Conc: 52.04 ng/ml



#12 4,4'-DDE

R.T.: 5.082 min  
Delta R.T.: 0.000 min  
Response: 41130807  
Conc: 50.09 ng/ml

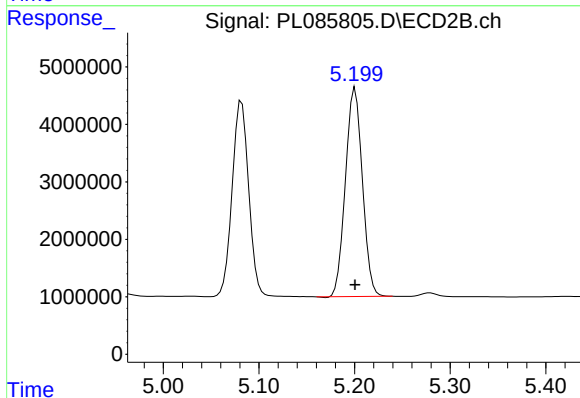




#13 Dieldrin

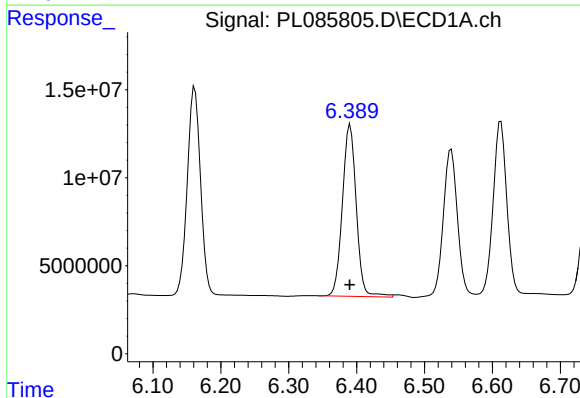
R.T.: 6.162 min  
Delta R.T.: 0.000 min  
Response: 159432151  
Conc: 48.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



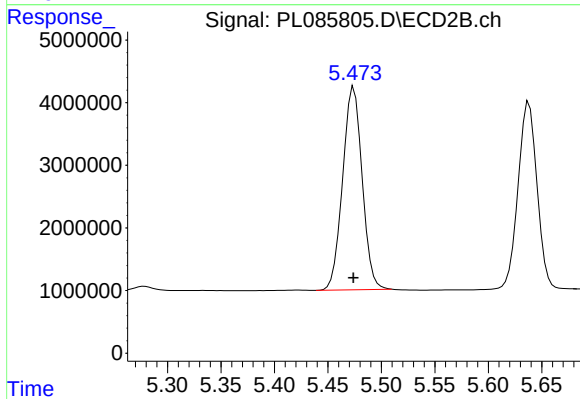
#13 Dieldrin

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 44956462  
Conc: 46.34 ng/ml



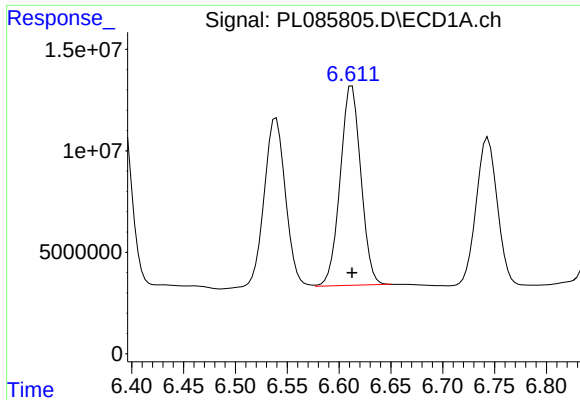
#14 Endrin

R.T.: 6.391 min  
Delta R.T.: 0.000 min  
Response: 138443736  
Conc: 48.58 ng/ml



#14 Endrin

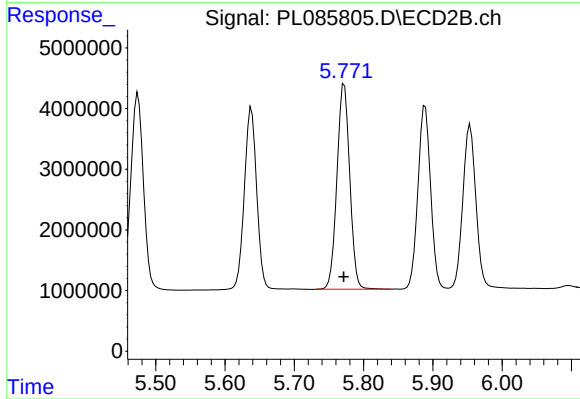
R.T.: 5.474 min  
Delta R.T.: 0.000 min  
Response: 41210960  
Conc: 45.84 ng/ml



#15 Endosulfan II

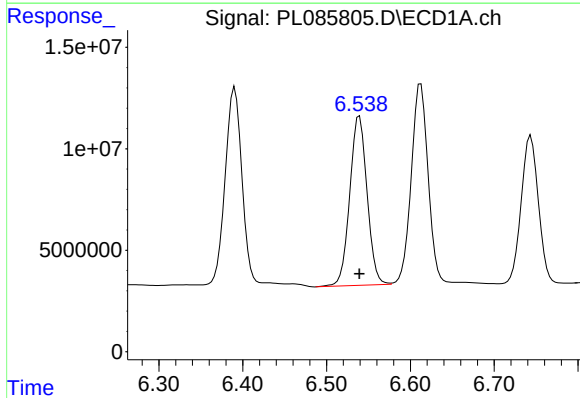
R.T.: 6.612 min  
Delta R.T.: 0.000 min  
Response: 136556701  
Conc: 49.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



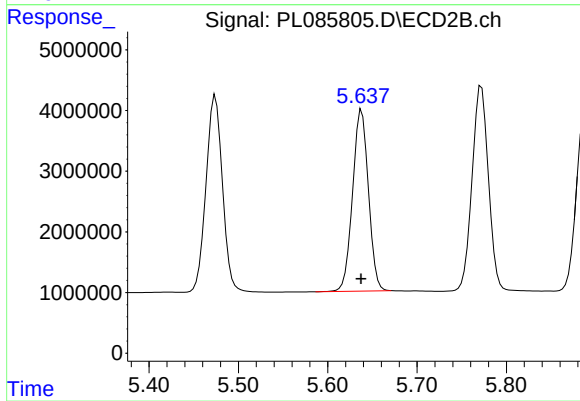
#15 Endosulfan II

R.T.: 5.772 min  
Delta R.T.: 0.000 min  
Response: 43367895  
Conc: 45.61 ng/ml



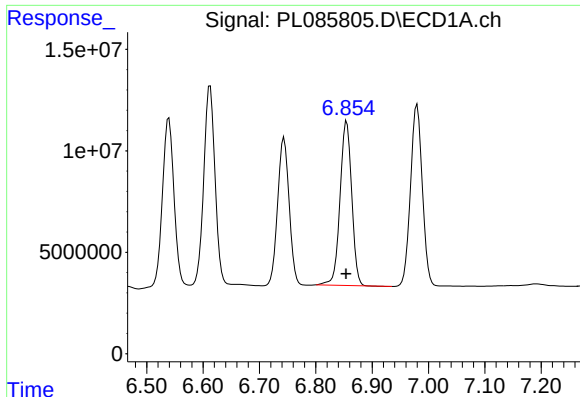
#16 4,4'-DDD

R.T.: 6.539 min  
Delta R.T.: 0.000 min  
Response: 120047908  
Conc: 59.59 ng/ml



#16 4,4'-DDD

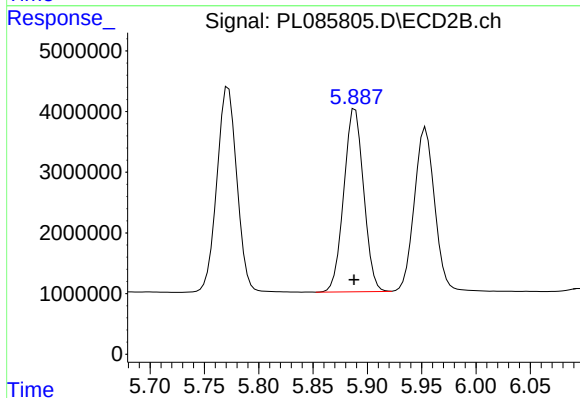
R.T.: 5.638 min  
Delta R.T.: 0.000 min  
Response: 36913034  
Conc: 53.03 ng/ml



#17 4,4'-DDT

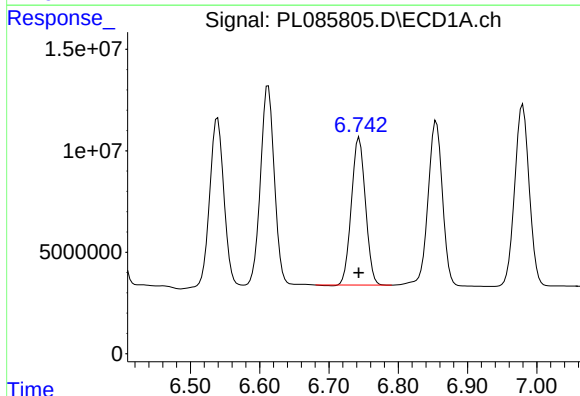
R.T.: 6.855 min  
Delta R.T.: 0.000 min  
Response: 116740374  
Conc: 49.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



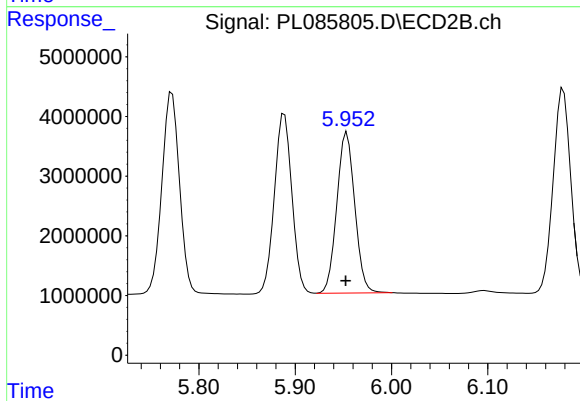
#17 4,4'-DDT

R.T.: 5.889 min  
Delta R.T.: 0.001 min  
Response: 38307584  
Conc: 48.44 ng/ml



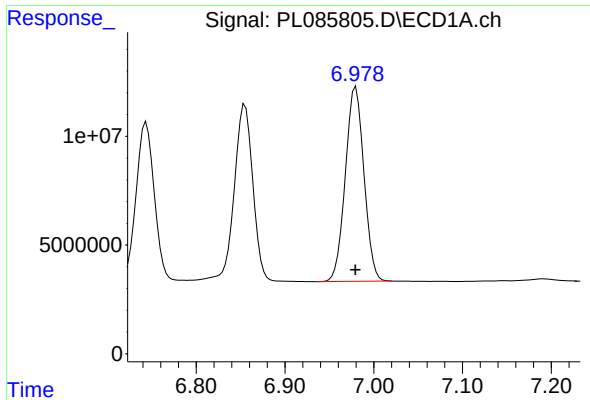
#18 Endrin aldehyde

R.T.: 6.744 min  
Delta R.T.: 0.000 min  
Response: 102372082  
Conc: 50.51 ng/ml



#18 Endrin aldehyde

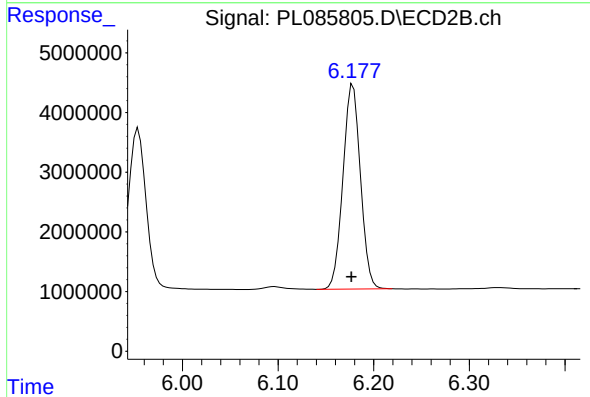
R.T.: 5.954 min  
Delta R.T.: 0.001 min  
Response: 34921300  
Conc: 46.83 ng/ml



#19 Endosulfan Sulfate

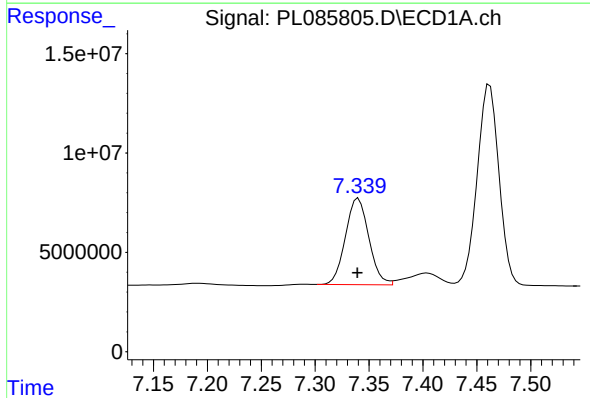
R.T.: 6.980 min  
Delta R.T.: 0.000 min  
Response: 130370310  
Conc: 51.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



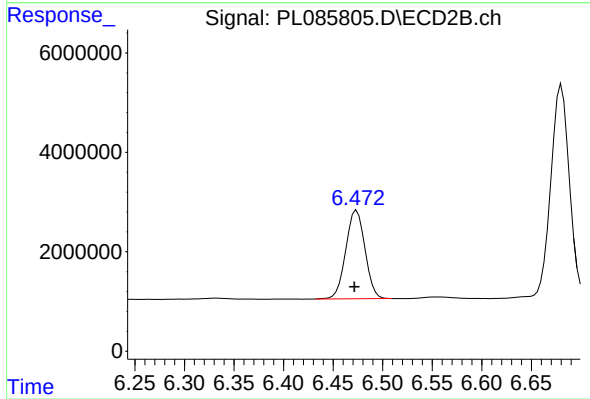
#19 Endosulfan Sulfate

R.T.: 6.178 min  
Delta R.T.: 0.002 min  
Response: 43770703  
Conc: 48.52 ng/ml



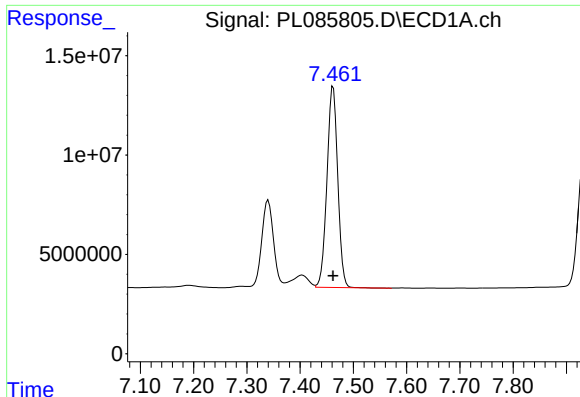
#20 Methoxychlor

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 65747504  
Conc: 47.08 ng/ml



#20 Methoxychlor

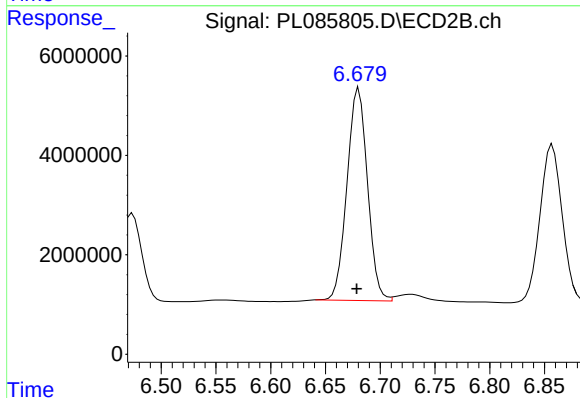
R.T.: 6.474 min  
Delta R.T.: 0.002 min  
Response: 24034548  
Conc: 45.69 ng/ml



#21 Endrin ketone

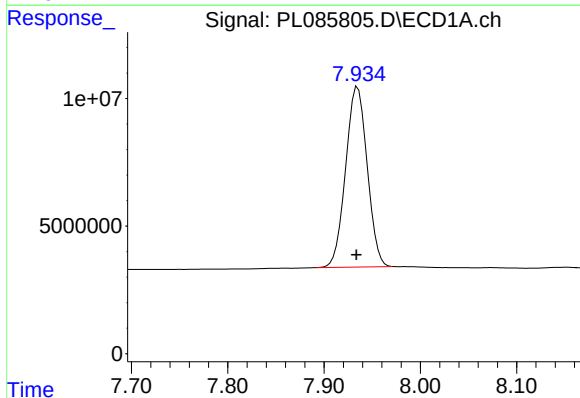
R.T.: 7.462 min  
Delta R.T.: 0.000 min  
Response: 142497517  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



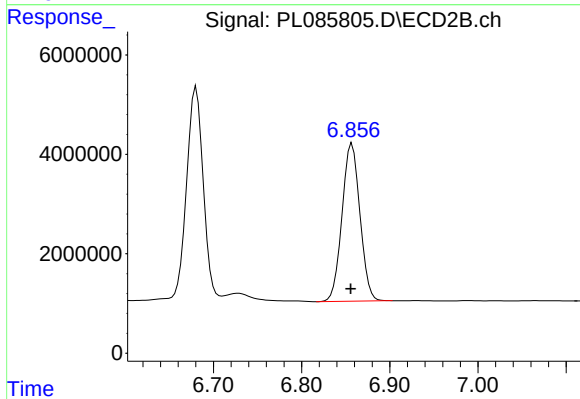
#21 Endrin ketone

R.T.: 6.680 min  
Delta R.T.: 0.002 min  
Response: 55691853  
Conc: 48.45 ng/ml



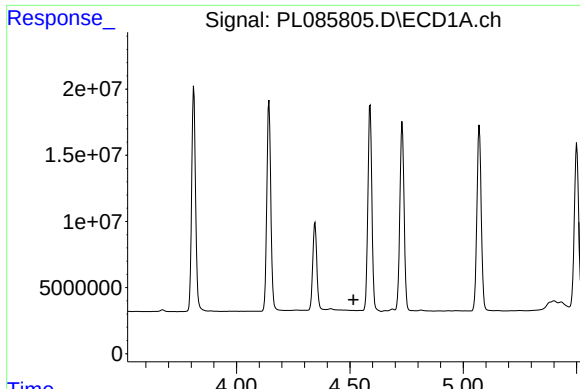
#22 Mirex

R.T.: 7.935 min  
Delta R.T.: 0.001 min  
Response: 109543394  
Conc: 49.48 ng/ml



#22 Mirex

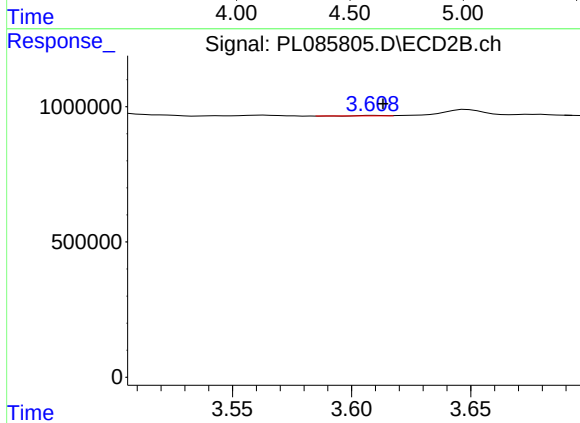
R.T.: 6.857 min  
Delta R.T.: 0.002 min  
Response: 44754467  
Conc: 47.45 ng/ml



#23 Chlordane-1

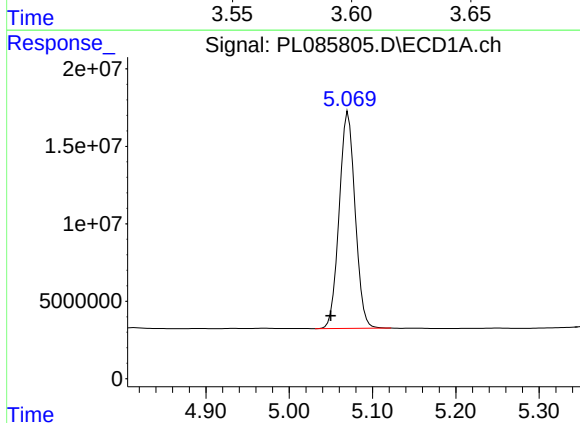
R.T.: 0.000 min  
Exp R.T.: 4.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



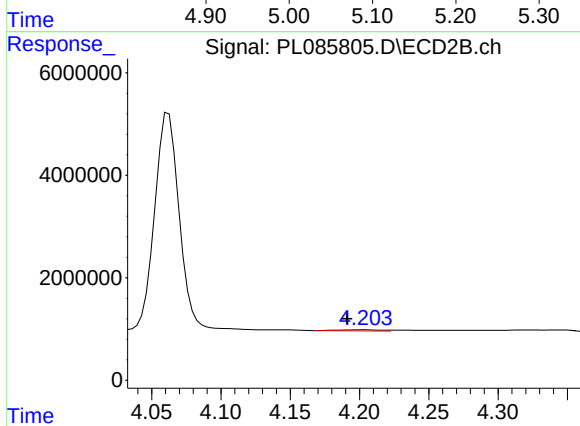
#23 Chlordane-1

R.T.: 3.609 min  
Delta R.T.: -0.004 min  
Response: 11709  
Conc: 0.36 ng/ml



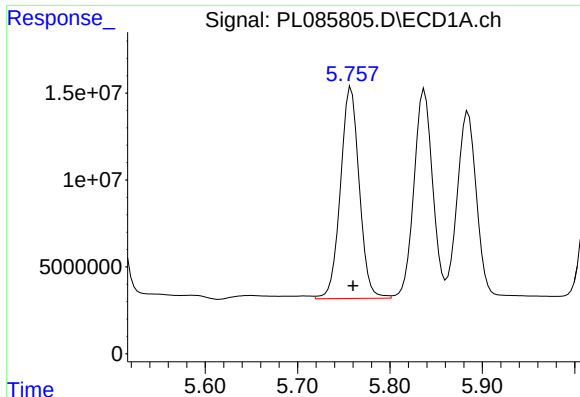
#24 Chlordane-2

R.T.: 5.071 min  
Delta R.T.: 0.021 min  
Response: 185537086  
Conc: 1426.73 ng/ml



#24 Chlordane-2

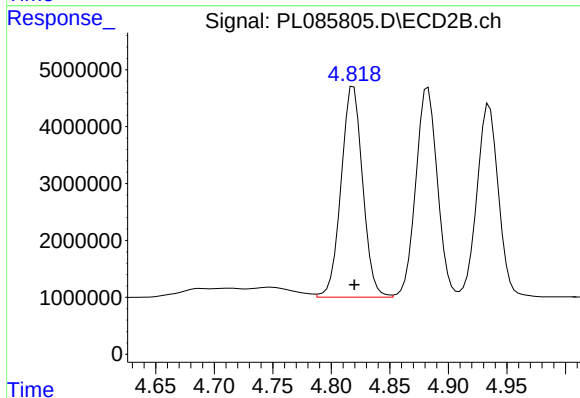
R.T.: 4.203 min  
Delta R.T.: 0.012 min  
Response: 452077  
Conc: 11.62 ng/ml



#25 Chlordane-3

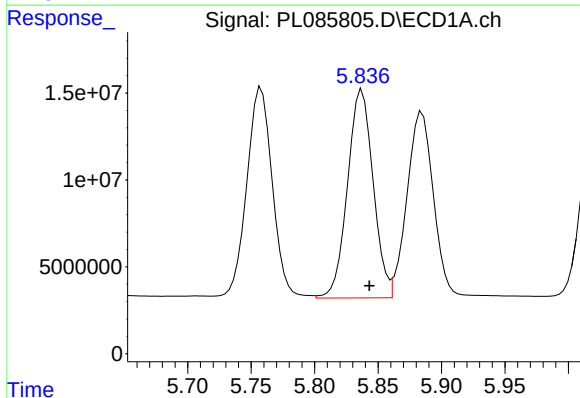
R.T.: 5.758 min  
Delta R.T.: -0.002 min  
Response: 172076312  
Conc: 337.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



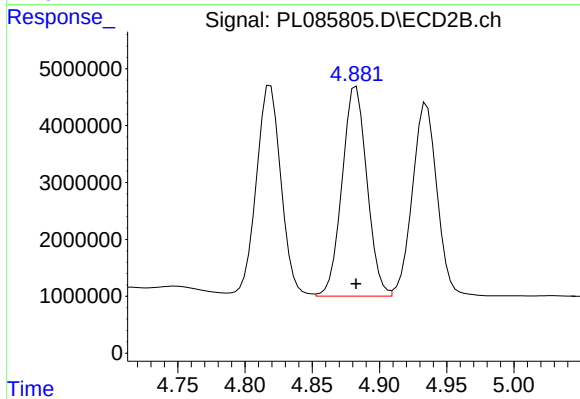
#25 Chlordane-3

R.T.: 4.819 min  
Delta R.T.: 0.000 min  
Response: 47480191  
Conc: 469.88 ng/ml



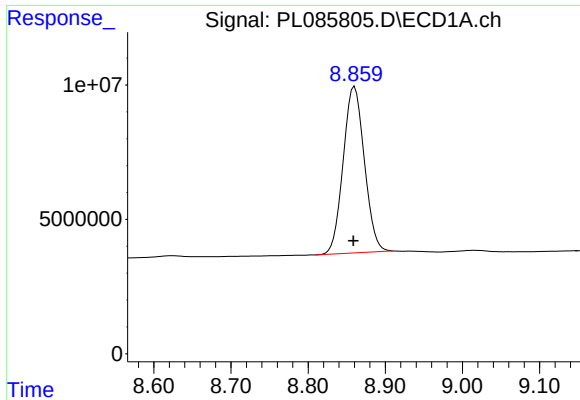
#26 Chlordane-4

R.T.: 5.837 min  
Delta R.T.: -0.006 min  
Response: 168615107  
Conc: 265.77 ng/ml



#26 Chlordane-4

R.T.: 4.883 min  
Delta R.T.: 0.000 min  
Response: 47343854  
Conc: 408.90 ng/ml



#28 Decachlorobiphenyl

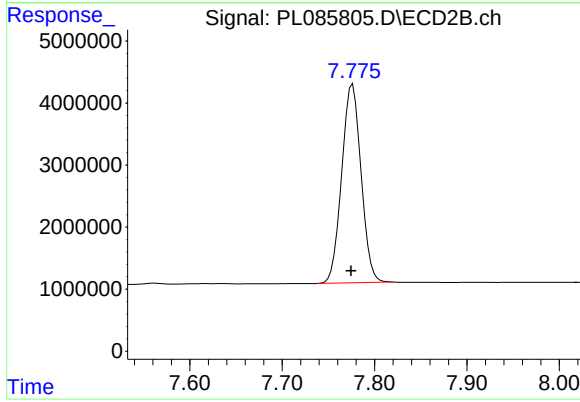
R.T.: 8.860 min

Delta R.T.: 0.001 min

Response: 117908340

Conc: 54.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.776 min

Delta R.T.: 0.002 min

Response: 46642014

Conc: 50.53 ng/ml