

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111323\  
 Data File : PL086613.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2023 14:49  
 Operator : AR\AJ  
 Sample : PB157086BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB157086BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 19:59:07 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 08 13:04:14 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... | 3.353 | 2.619 | 55052758 | 16277202 | 16.955 | 16.531 |
| 2)                          | SA Decachlor... | 8.853 | 7.768 | 57676961 | 23771189 | 19.704 | 19.685 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.807 | 3.117 | 225.6E6  | 62002682 | 46.903 | 46.515 |
| 3)                          | MA gamma-BHC... | 4.138 | 3.444 | 219.3E6  | 61767695 | 46.612 | 46.543 |
| 4)                          | MA Heptachlor   | 4.725 | 3.780 | 214.2E6  | 61116879 | 46.944 | 45.656 |
| 5)                          | MB Aldrin       | 5.065 | 4.056 | 214.6E6  | 61106273 | 47.406 | 46.958 |
| 6)                          | B beta-BHC      | 4.342 | 3.746 | 90966595 | 26762751 | 44.976 | 44.901 |
| 7)                          | B delta-BHC     | 4.585 | 3.971 | 212.2E6  | 60162359 | 46.214 | 45.986 |
| 8)                          | B Heptachlo...  | 5.495 | 4.560 | 189.7E6  | 57044489 | 48.802 | 47.497 |
| 9)                          | A Endosulfan I  | 5.879 | 4.928 | 176.3E6  | 53834810 | 47.001 | 46.820 |
| 10)                         | B gamma-Chl...  | 5.753 | 4.812 | 191.8E6  | 58932716 | 46.813 | 47.766 |
| 11)                         | B alpha-Chl...  | 5.831 | 4.876 | 190.1E6  | 58913282 | 46.826 | 47.113 |
| 12)                         | B 4,4'-DDE      | 6.015 | 5.075 | 164.9E6  | 50277023 | 47.558 | 48.978 |
| 13)                         | MA Dieldrin     | 6.155 | 5.194 | 186.6E6  | 57559513 | 47.453 | 48.241 |
| 14)                         | MA Endrin       | 6.384 | 5.467 | 149.3E6  | 48610415 | 43.353 | 44.380 |
| 15)                         | B Endosulfa...  | 6.607 | 5.765 | 161.0E6  | 52590015 | 45.291 | 47.916 |
| 16)                         | A 4,4'-DDD      | 6.535 | 5.631 | 133.2E6  | 43333421 | 50.028 | 50.862 |
| 17)                         | MA 4,4'-DDT     | 6.849 | 5.882 | 133.8E6  | 44343575 | 45.145 | 45.361 |
| 18)                         | B Endrin al...  | 6.738 | 5.947 | 131.9E6  | 45209109 | 49.735 | 48.262 |
| 19)                         | B Endosulfa...  | 6.975 | 6.171 | 156.5E6  | 52482819 | 46.637 | 48.319 |
| 20)                         | A Methoxychlor  | 7.336 | 6.466 | 69715907 | 25674803 | 43.685 | 42.922 |
| 21)                         | B Endrin ke...  | 7.457 | 6.673 | 171.9E6  | 65665638 | 50.430 | 51.249 |
| 22)                         | Mirex           | 7.930 | 6.849 | 154.0E6  | 62180551 | 54.543 | 54.701 |
| -----                       |                 |       |       |          |          |        |        |

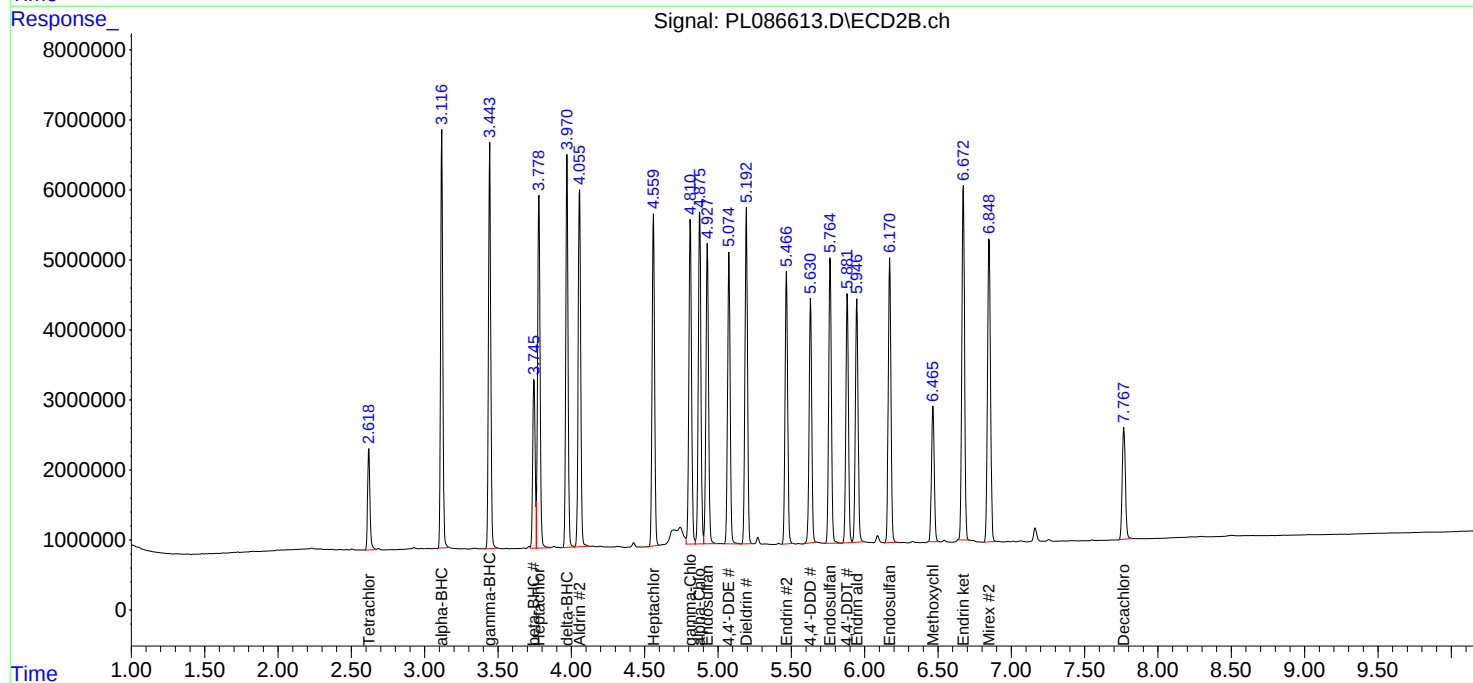
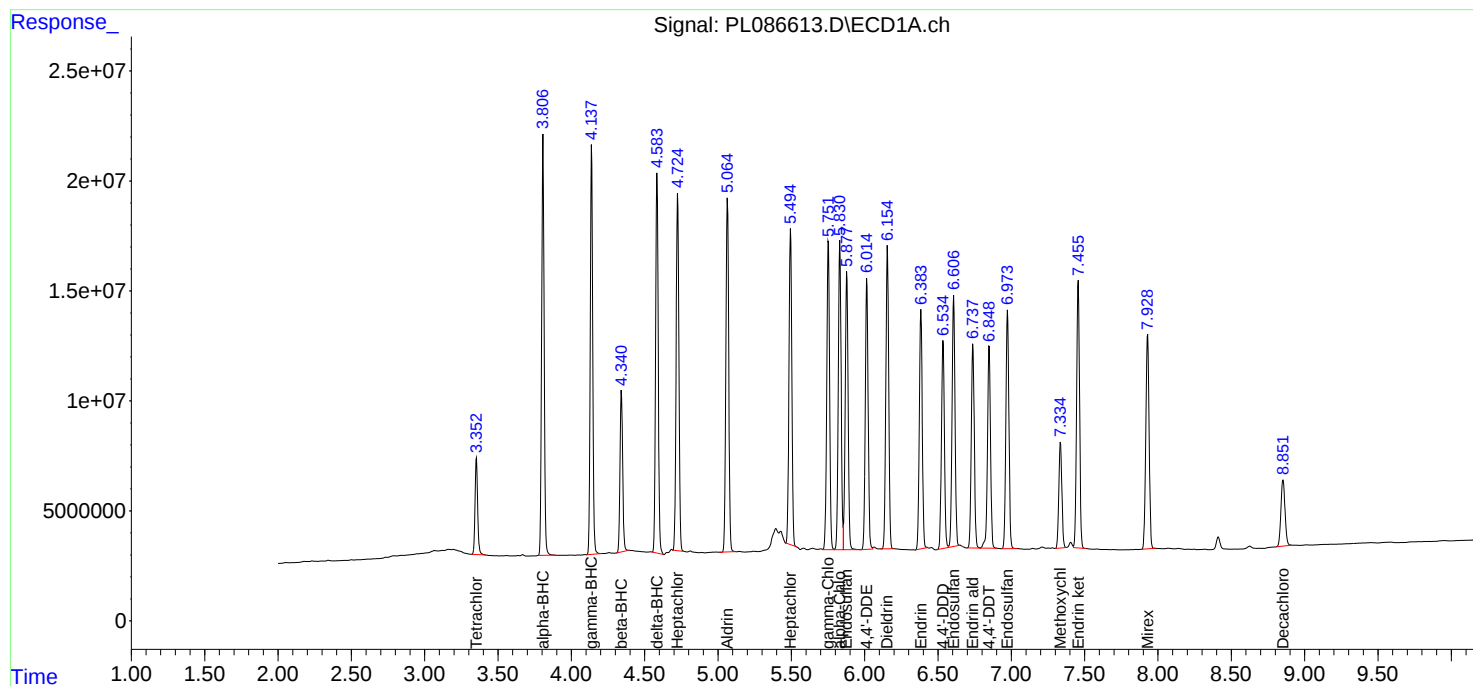
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

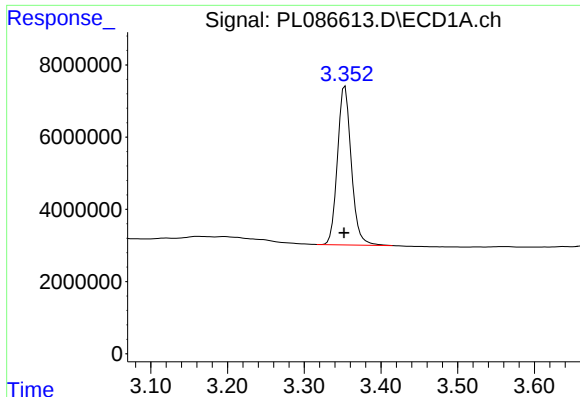
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111323\  
Data File : PL086613.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2023 14:49  
Operator : AR\AJ  
Sample : PB157086BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB157086BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 19:59:07 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 08 13:04:14 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

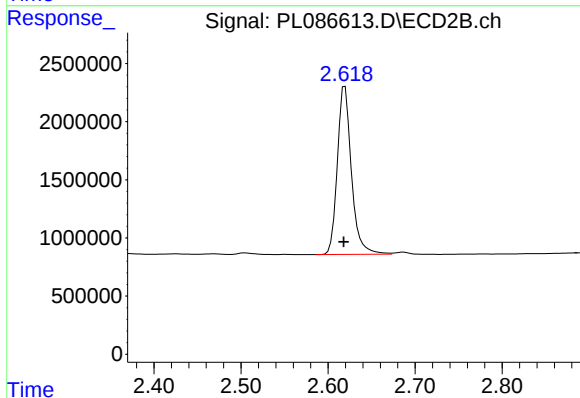




#1 Tetrachloro-m-xylene

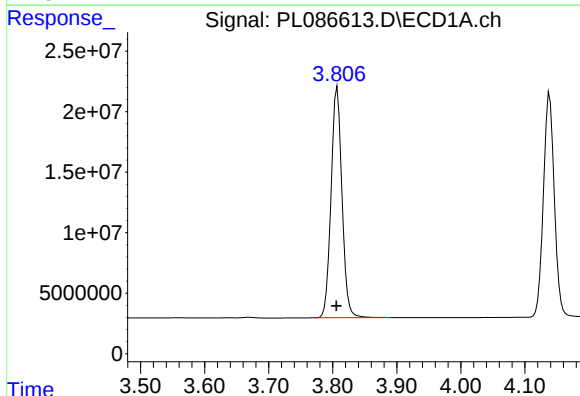
R.T.: 3.353 min  
Delta R.T.: 0.001 min  
Response: 55052758  
Conc: 16.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157086BS



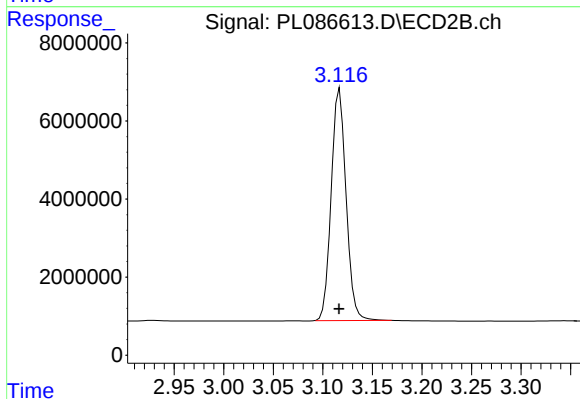
#1 Tetrachloro-m-xylene

R.T.: 2.619 min  
Delta R.T.: 0.002 min  
Response: 16277202  
Conc: 16.53 ng/ml



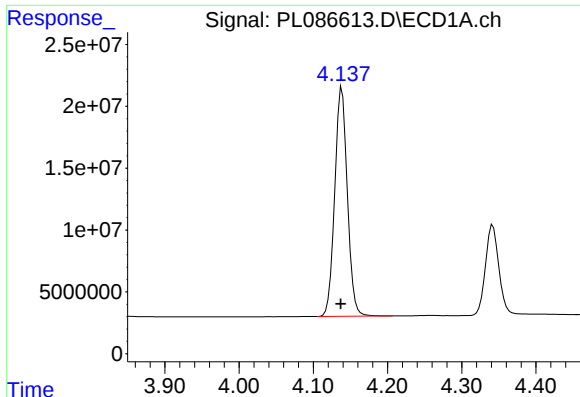
#2 alpha-BHC

R.T.: 3.807 min  
Delta R.T.: 0.002 min  
Response: 225621552  
Conc: 46.90 ng/ml



#2 alpha-BHC

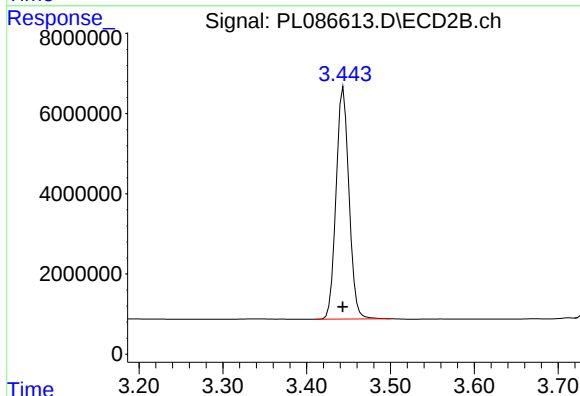
R.T.: 3.117 min  
Delta R.T.: 0.000 min  
Response: 62002682  
Conc: 46.52 ng/ml



#3 gamma-BHC (Lindane)

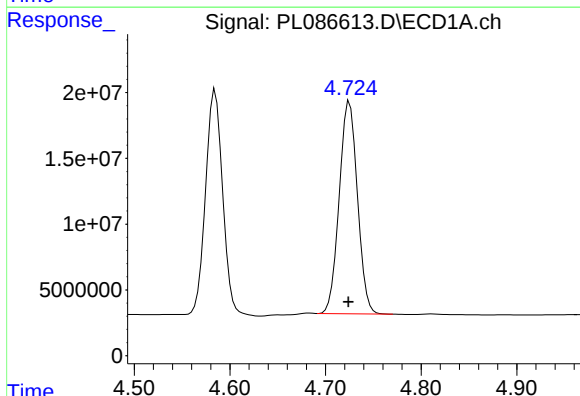
R.T.: 4.138 min  
Delta R.T.: 0.002 min  
Response: 219289505  
Conc: 46.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157086BS



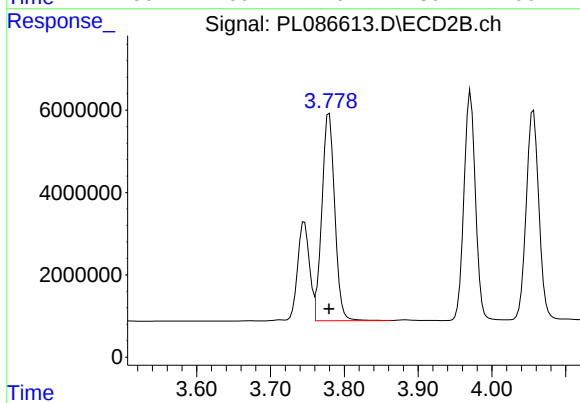
#3 gamma-BHC (Lindane)

R.T.: 3.444 min  
Delta R.T.: 0.000 min  
Response: 61767695  
Conc: 46.54 ng/ml



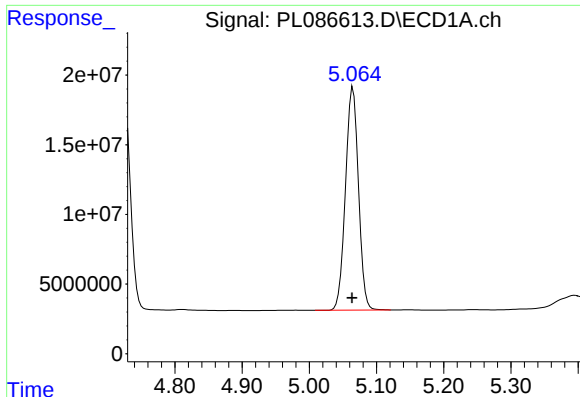
#4 Heptachlor

R.T.: 4.725 min  
Delta R.T.: 0.001 min  
Response: 214157496  
Conc: 46.94 ng/ml



#4 Heptachlor

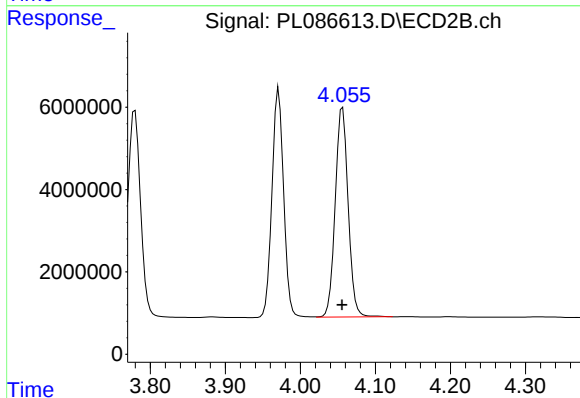
R.T.: 3.780 min  
Delta R.T.: 0.000 min  
Response: 61116879  
Conc: 45.66 ng/ml



#5 Aldrin

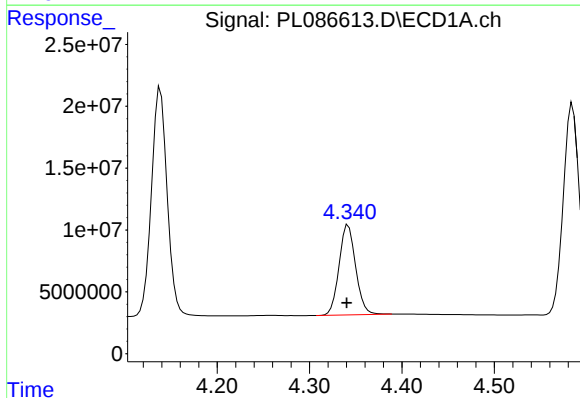
R.T.: 5.065 min  
Delta R.T.: 0.001 min  
Response: 214624093  
Conc: 47.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157086BS



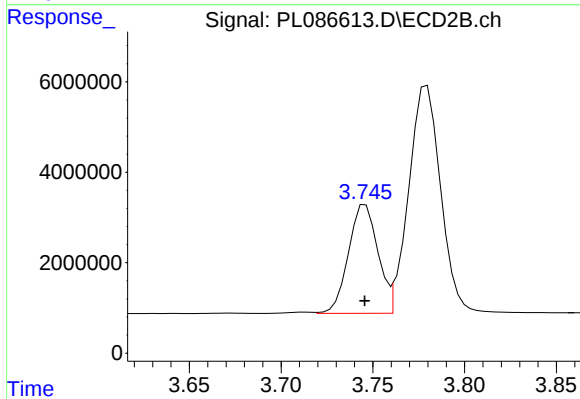
#5 Aldrin

R.T.: 4.056 min  
Delta R.T.: 0.000 min  
Response: 61106273  
Conc: 46.96 ng/ml



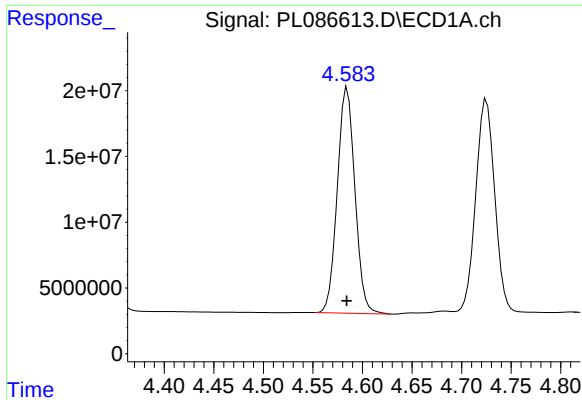
#6 beta-BHC

R.T.: 4.342 min  
Delta R.T.: 0.001 min  
Response: 90966595  
Conc: 44.98 ng/ml



#6 beta-BHC

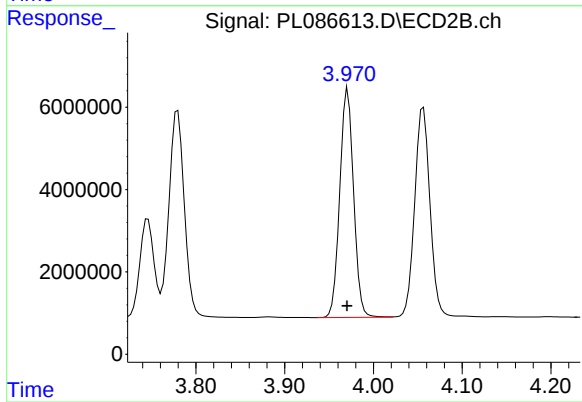
R.T.: 3.746 min  
Delta R.T.: 0.000 min  
Response: 26762751  
Conc: 44.90 ng/ml



#7 delta-BHC

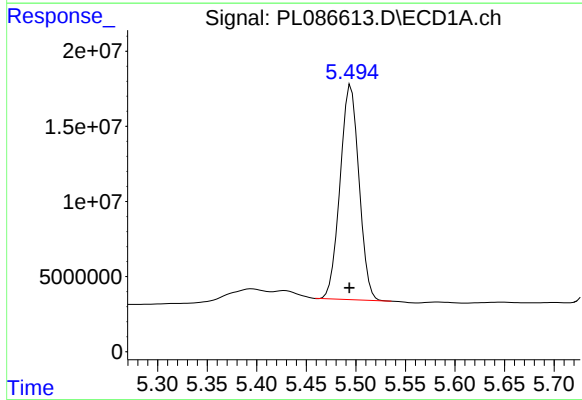
R.T.: 4.585 min  
Delta R.T.: 0.000 min  
Response: 212185477  
Conc: 46.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157086BS



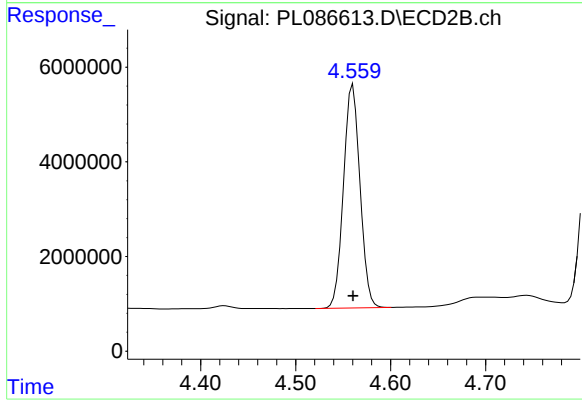
#7 delta-BHC

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 60162359  
Conc: 45.99 ng/ml



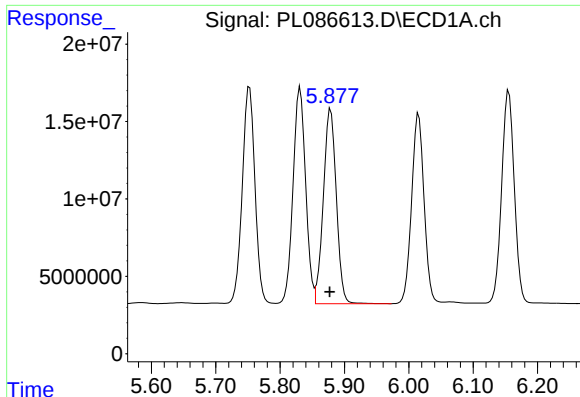
#8 Heptachlor epoxide

R.T.: 5.495 min  
Delta R.T.: 0.002 min  
Response: 189710010  
Conc: 48.80 ng/ml



#8 Heptachlor epoxide

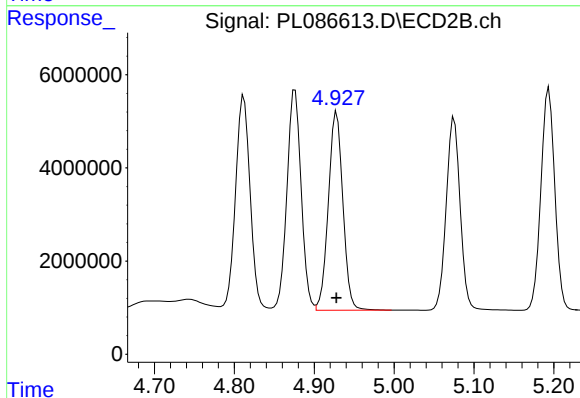
R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 57044489  
Conc: 47.50 ng/ml



#9 Endosulfan I

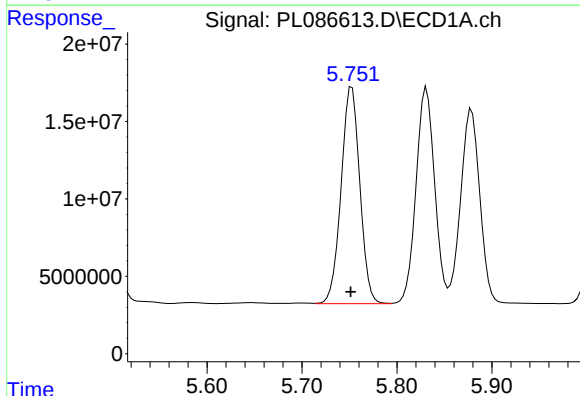
R.T.: 5.879 min  
Delta R.T.: 0.001 min  
Response: 176327765  
Conc: 47.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157086BS



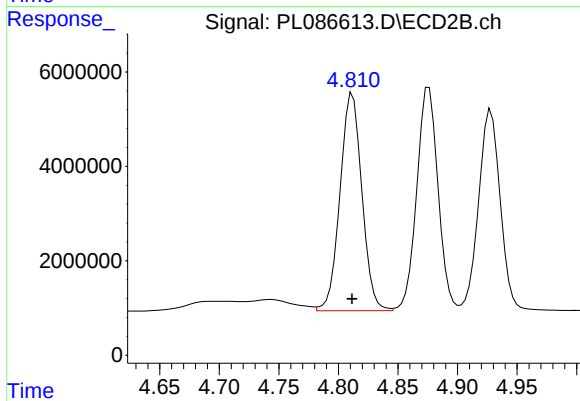
#9 Endosulfan I

R.T.: 4.928 min  
Delta R.T.: 0.000 min  
Response: 53834810  
Conc: 46.82 ng/ml



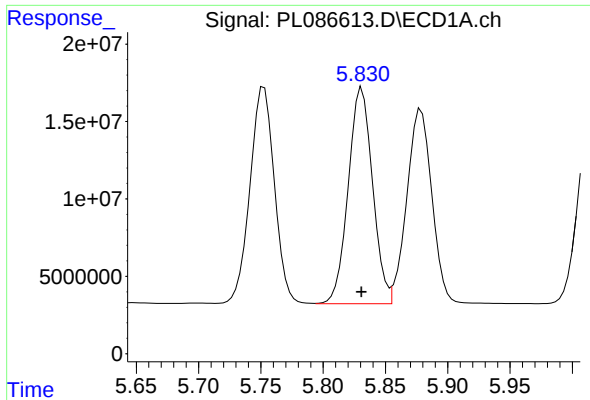
#10 gamma-Chlordane

R.T.: 5.753 min  
Delta R.T.: 0.001 min  
Response: 191803962  
Conc: 46.81 ng/ml



#10 gamma-Chlordane

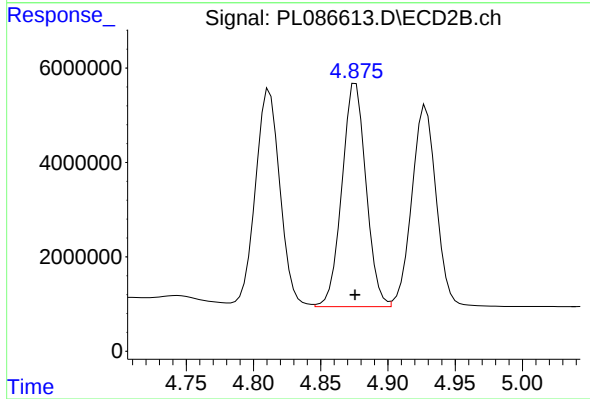
R.T.: 4.812 min  
Delta R.T.: 0.000 min  
Response: 58932716  
Conc: 47.77 ng/ml



#11 alpha-Chlordane

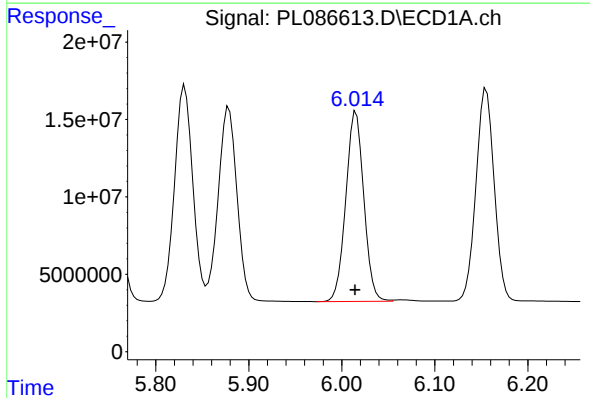
R.T.: 5.831 min  
Delta R.T.: 0.000 min  
Response: 190111187  
Conc: 46.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157086BS



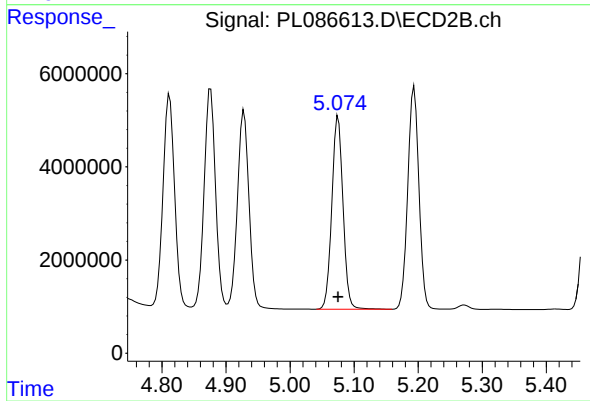
#11 alpha-Chlordane

R.T.: 4.876 min  
Delta R.T.: 0.000 min  
Response: 58913282  
Conc: 47.11 ng/ml



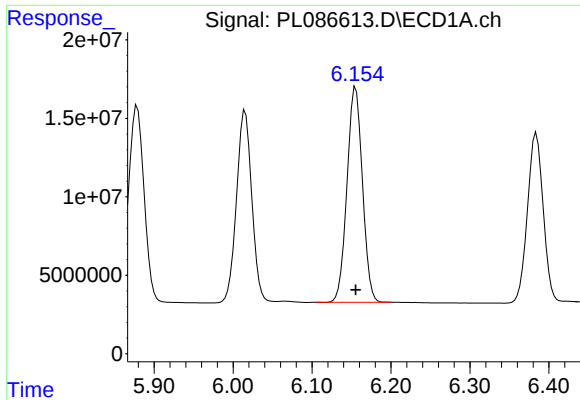
#12 4,4'-DDE

R.T.: 6.015 min  
Delta R.T.: 0.001 min  
Response: 164943431  
Conc: 47.56 ng/ml



#12 4,4'-DDE

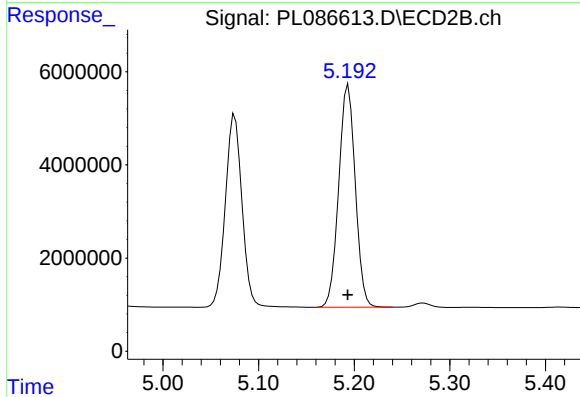
R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 50277023  
Conc: 48.98 ng/ml



#13 Dieldrin

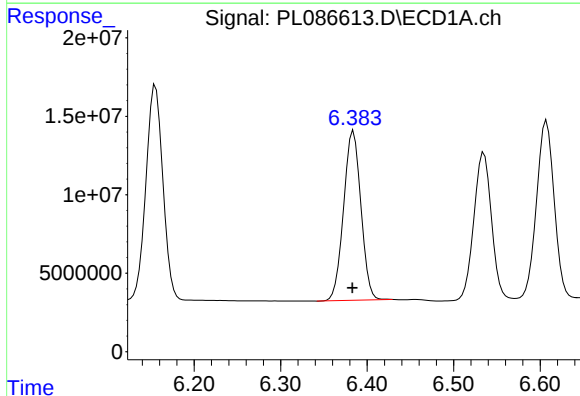
R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 186581523  
Conc: 47.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157086BS



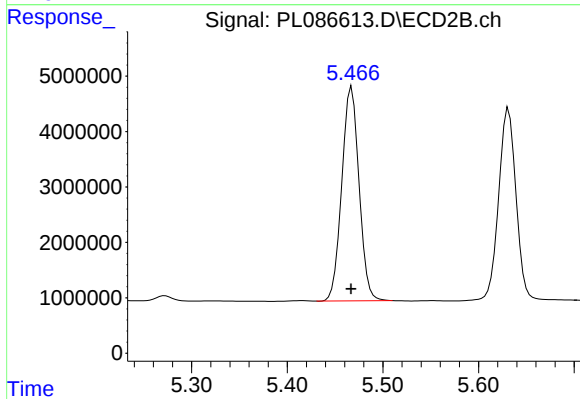
#13 Dieldrin

R.T.: 5.194 min  
Delta R.T.: 0.000 min  
Response: 57559513  
Conc: 48.24 ng/ml



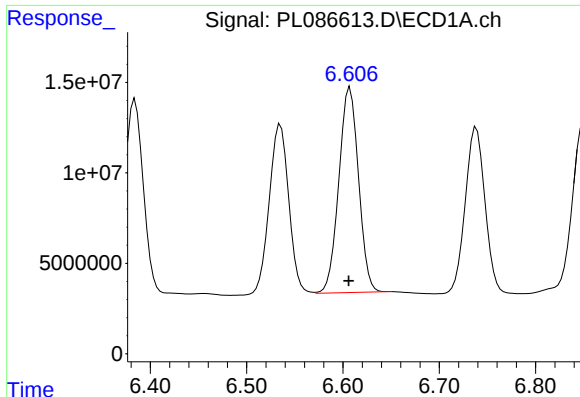
#14 Endrin

R.T.: 6.384 min  
Delta R.T.: 0.001 min  
Response: 149322825  
Conc: 43.35 ng/ml



#14 Endrin

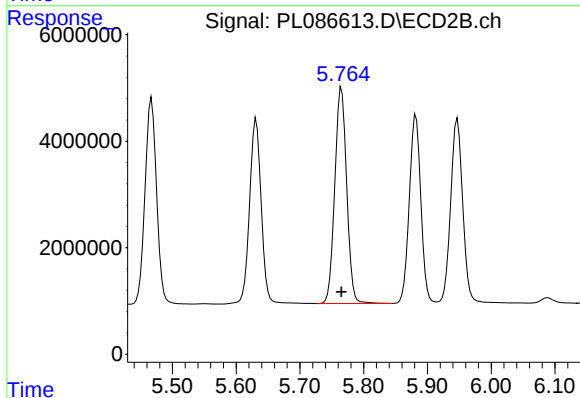
R.T.: 5.467 min  
Delta R.T.: 0.000 min  
Response: 48610415  
Conc: 44.38 ng/ml



#15 Endosulfan II

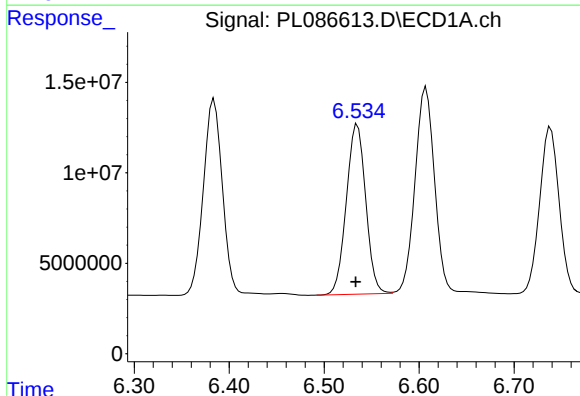
R.T.: 6.607 min  
Delta R.T.: 0.002 min  
Response: 160982266  
Conc: 45.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157086BS



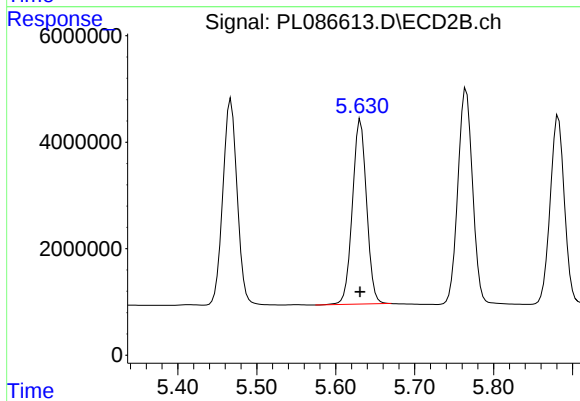
#15 Endosulfan II

R.T.: 5.765 min  
Delta R.T.: 0.000 min  
Response: 52590015  
Conc: 47.92 ng/ml



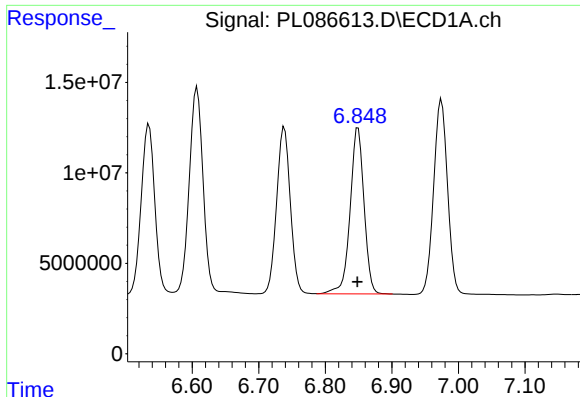
#16 4,4'-DDD

R.T.: 6.535 min  
Delta R.T.: 0.002 min  
Response: 133211490  
Conc: 50.03 ng/ml



#16 4,4'-DDD

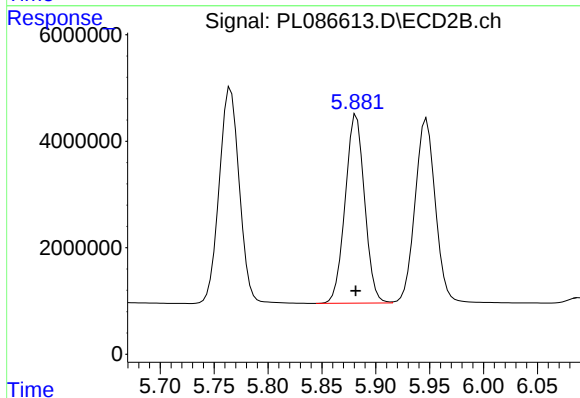
R.T.: 5.631 min  
Delta R.T.: 0.000 min  
Response: 43333421  
Conc: 50.86 ng/ml



#17 4,4'-DDT

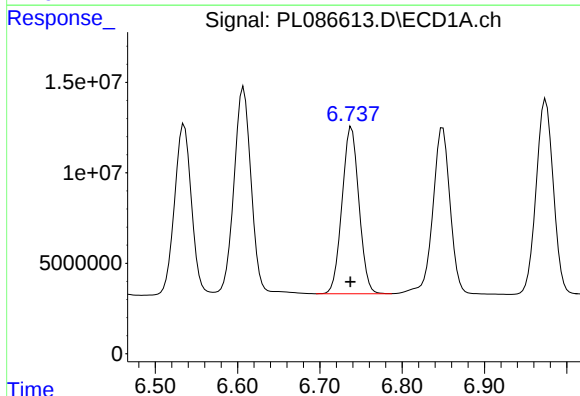
R.T.: 6.849 min  
Delta R.T.: 0.000 min  
Response: 133823592  
Conc: 45.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157086BS



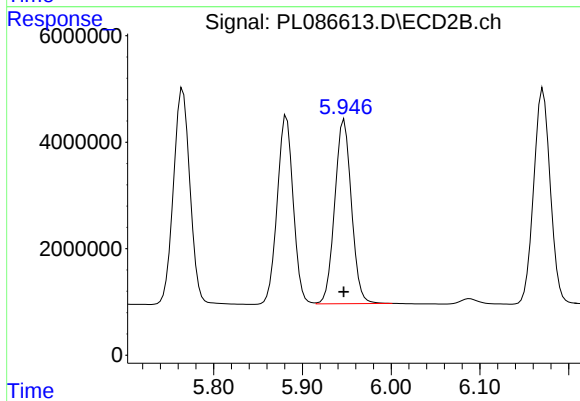
#17 4,4'-DDT

R.T.: 5.882 min  
Delta R.T.: 0.000 min  
Response: 44343575  
Conc: 45.36 ng/ml



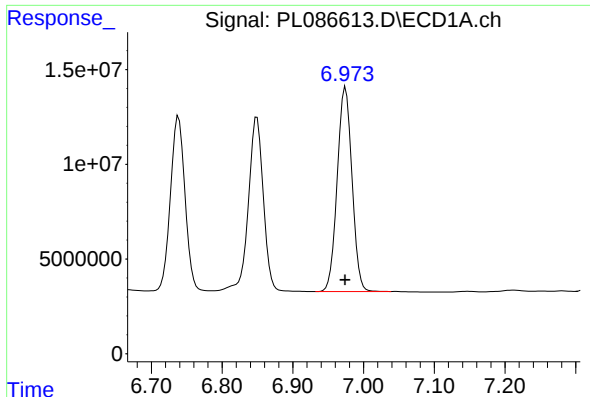
#18 Endrin aldehyde

R.T.: 6.738 min  
Delta R.T.: 0.001 min  
Response: 131854507  
Conc: 49.74 ng/ml



#18 Endrin aldehyde

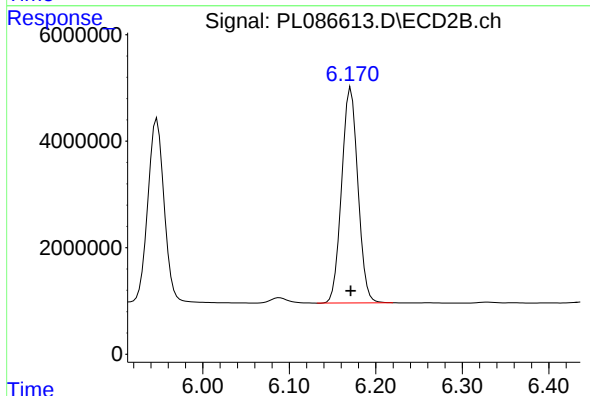
R.T.: 5.947 min  
Delta R.T.: 0.000 min  
Response: 45209109  
Conc: 48.26 ng/ml



#19 Endosulfan Sulfate

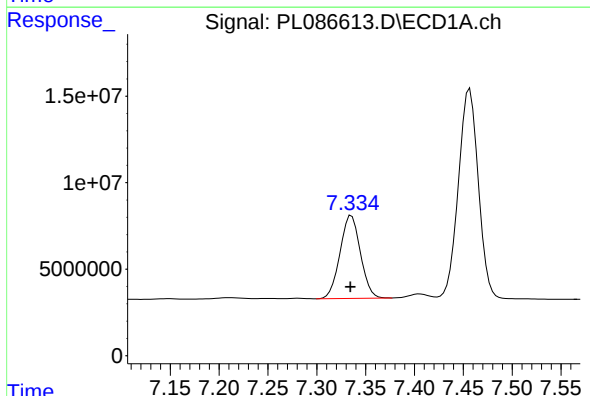
R.T.: 6.975 min  
Delta R.T.: 0.000 min  
Response: 156527938  
Conc: 46.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157086BS



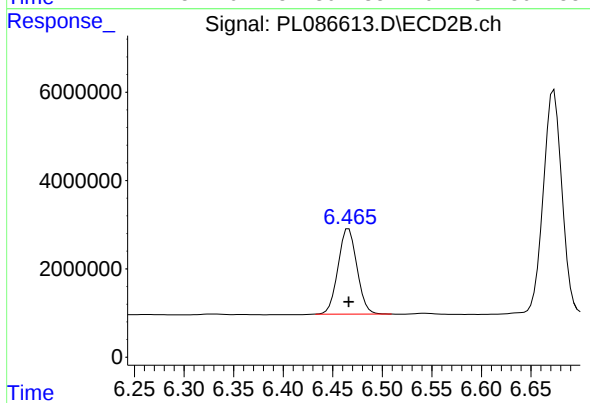
#19 Endosulfan Sulfate

R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 52482819  
Conc: 48.32 ng/ml



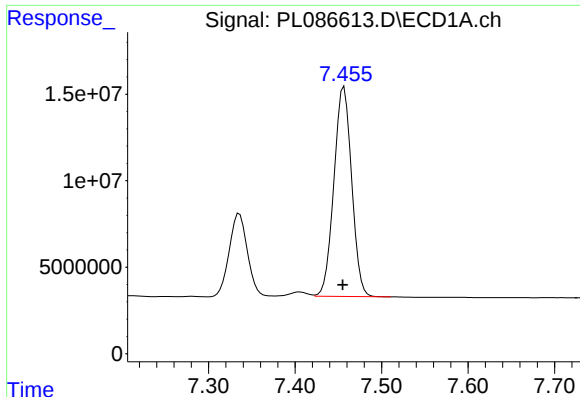
#20 Methoxychlor

R.T.: 7.336 min  
Delta R.T.: 0.001 min  
Response: 69715907  
Conc: 43.69 ng/ml



#20 Methoxychlor

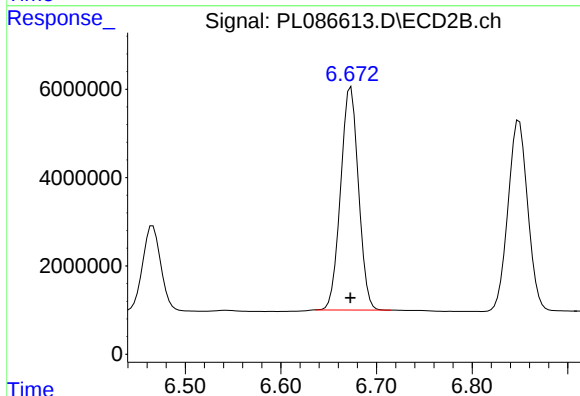
R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 25674803  
Conc: 42.92 ng/ml



#21 Endrin ketone

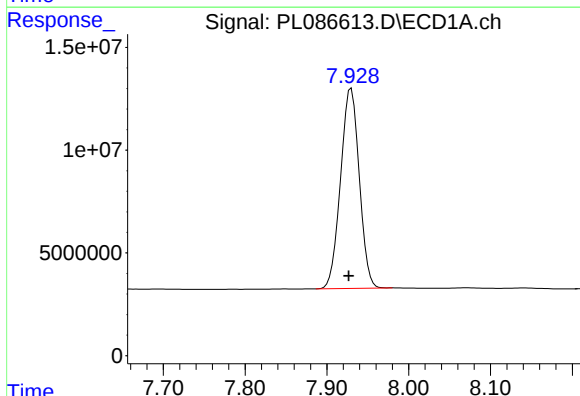
R.T.: 7.457 min  
Delta R.T.: 0.001 min  
Response: 171867737  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157086BS



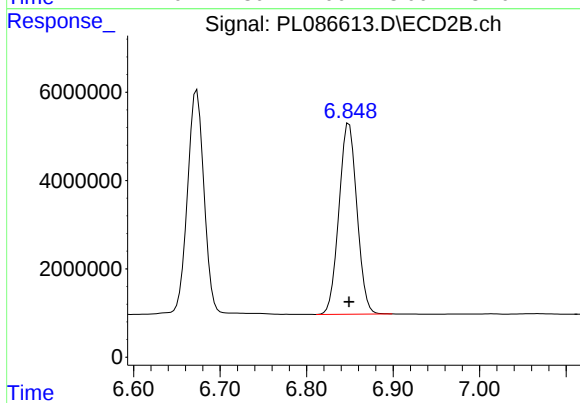
#21 Endrin ketone

R.T.: 6.673 min  
Delta R.T.: 0.000 min  
Response: 65665638  
Conc: 51.25 ng/ml



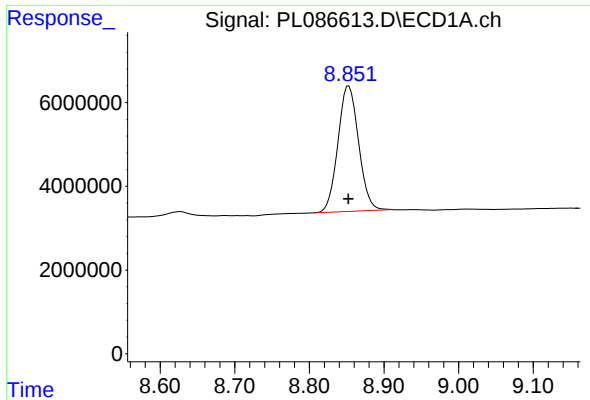
#22 Mirex

R.T.: 7.930 min  
Delta R.T.: 0.003 min  
Response: 154036527  
Conc: 54.54 ng/ml



#22 Mirex

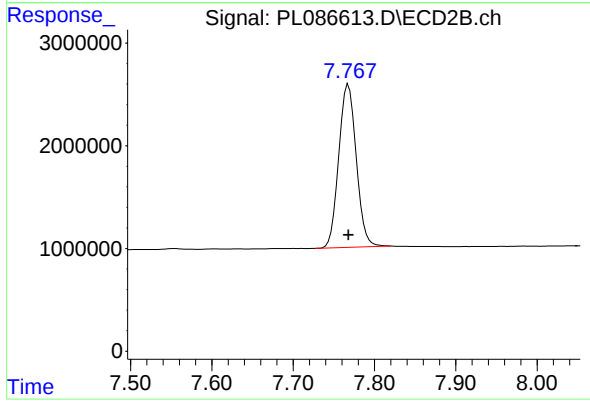
R.T.: 6.849 min  
Delta R.T.: 0.000 min  
Response: 62180551  
Conc: 54.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.853 min  
Delta R.T.: 0.000 min  
Response: 57676961  
Conc: 19.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157086BS



#28 Decachlorobiphenyl

R.T.: 7.768 min  
Delta R.T.: 0.000 min  
Response: 23771189  
Conc: 19.68 ng/ml