

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102324\  
 Data File : PL092564.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2024 17:22  
 Operator : AR\AJ  
 Sample : PB164341BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB164341BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 02:56:48 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102124.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 21 17:09:23 2024  
 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... | 3.549 | 2.780 | 49845129 | 52391257 | 18.503  | 18.863 |
| 28)                         | SA Decachlor... | 9.068 | 7.922 | 39816659 | 58143162 | 19.603  | 22.066 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.005 | 3.283 | 192.7E6  | 231.4E6  | 46.767  | 53.623 |
| 3)                          | MA gamma-BHC... | 4.338 | 3.613 | 181.5E6  | 223.1E6  | 47.181  | 54.175 |
| 4)                          | MA Heptachlor   | 4.925 | 3.952 | 164.9E6  | 215.5E6  | 46.514m | 53.664 |
| 5)                          | MB Aldrin       | 5.268 | 4.232 | 165.8E6  | 216.5E6  | 45.059m | 54.460 |
| 6)                          | B beta-BHC      | 4.535 | 3.913 | 79661909 | 95171446 | 51.318  | 54.510 |
| 7)                          | B delta-BHC     | 4.783 | 4.142 | 182.6E6  | 226.8E6  | 48.544  | 53.918 |
| 8)                          | B Heptachlo...  | 5.695 | 4.735 | 157.3E6  | 199.8E6  | 47.373  | 56.708 |
| 9)                          | A Endosulfan I  | 6.080 | 5.106 | 140.7E6  | 174.2E6  | 46.599  | 54.718 |
| 10)                         | B gamma-Chl...  | 5.951 | 4.986 | 153.0E6  | 203.1E6  | 46.417  | 55.197 |
| 11)                         | B alpha-Chl...  | 6.029 | 5.049 | 149.4E6  | 197.9E6  | 45.876  | 55.695 |
| 12)                         | B 4,4'-DDE      | 6.203 | 5.239 | 135.4E6  | 192.0E6  | 45.646  | 55.201 |
| 13)                         | MA Dieldrin     | 6.356 | 5.370 | 150.2E6  | 199.9E6  | 46.182  | 54.713 |
| 14)                         | MA Endrin       | 6.585 | 5.646 | 120.3E6  | 171.5E6  | 42.593  | 52.355 |
| 15)                         | B Endosulfa...  | 6.805 | 5.940 | 133.1E6  | 170.8E6  | 47.032  | 54.628 |
| 16)                         | A 4,4'-DDD      | 6.721 | 5.793 | 116.8E6  | 156.7E6  | 48.348  | 56.397 |
| 17)                         | MA 4,4'-DDT     | 7.034 | 6.045 | 110.3E6  | 150.0E6  | 44.716  | 51.069 |
| 18)                         | B Endrin al...  | 6.935 | 6.120 | 106.7E6  | 137.3E6  | 49.936  | 55.871 |
| 19)                         | B Endosulfa...  | 7.169 | 6.343 | 121.8E6  | 160.5E6  | 48.210  | 54.282 |
| 20)                         | A Methoxychlor  | 7.510 | 6.620 | 60620889 | 78507440 | 51.473  | 55.370 |
| 21)                         | B Endrin ke...  | 7.653 | 6.849 | 140.8E6  | 189.1E6  | 51.220  | 58.865 |
| 22)                         | Mirex           | 8.127 | 7.030 | 64386338 | 90376672 | 30.857  | 34.581 |
| -----                       |                 |       |       |          |          |         |        |

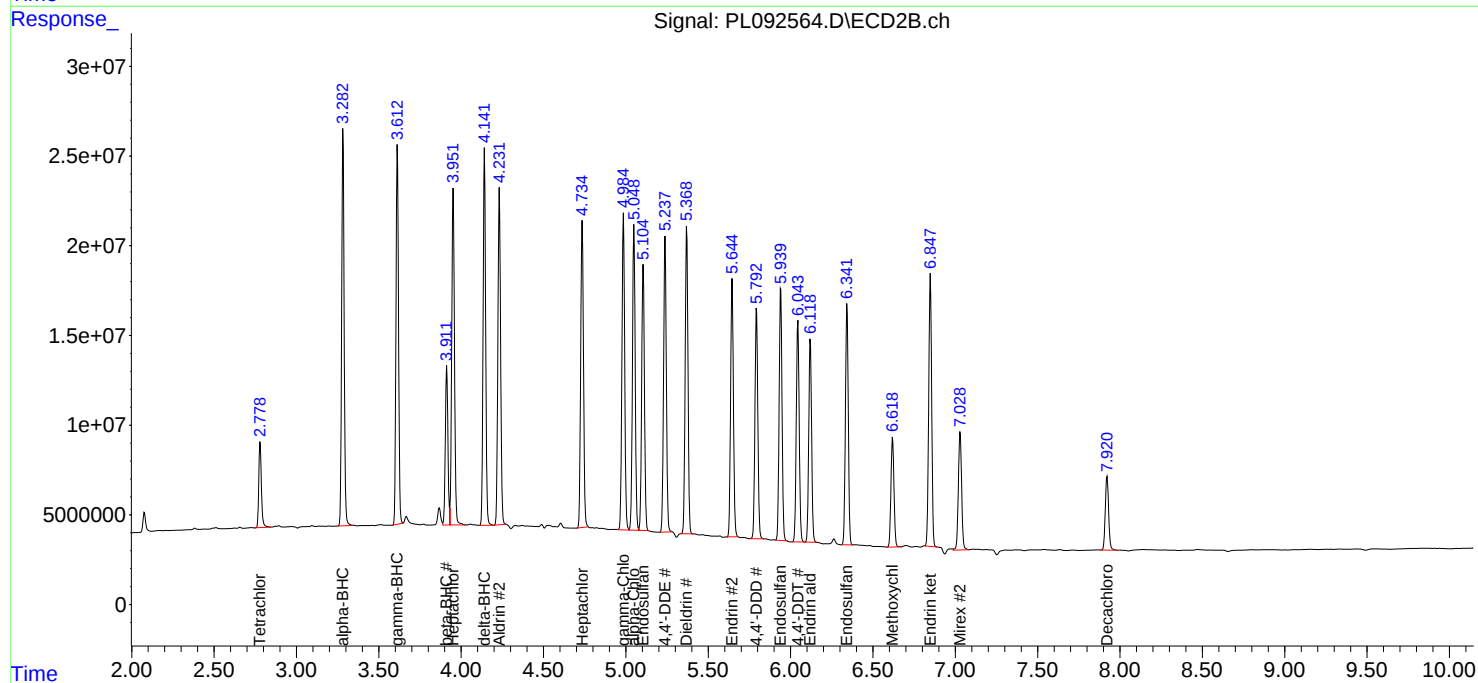
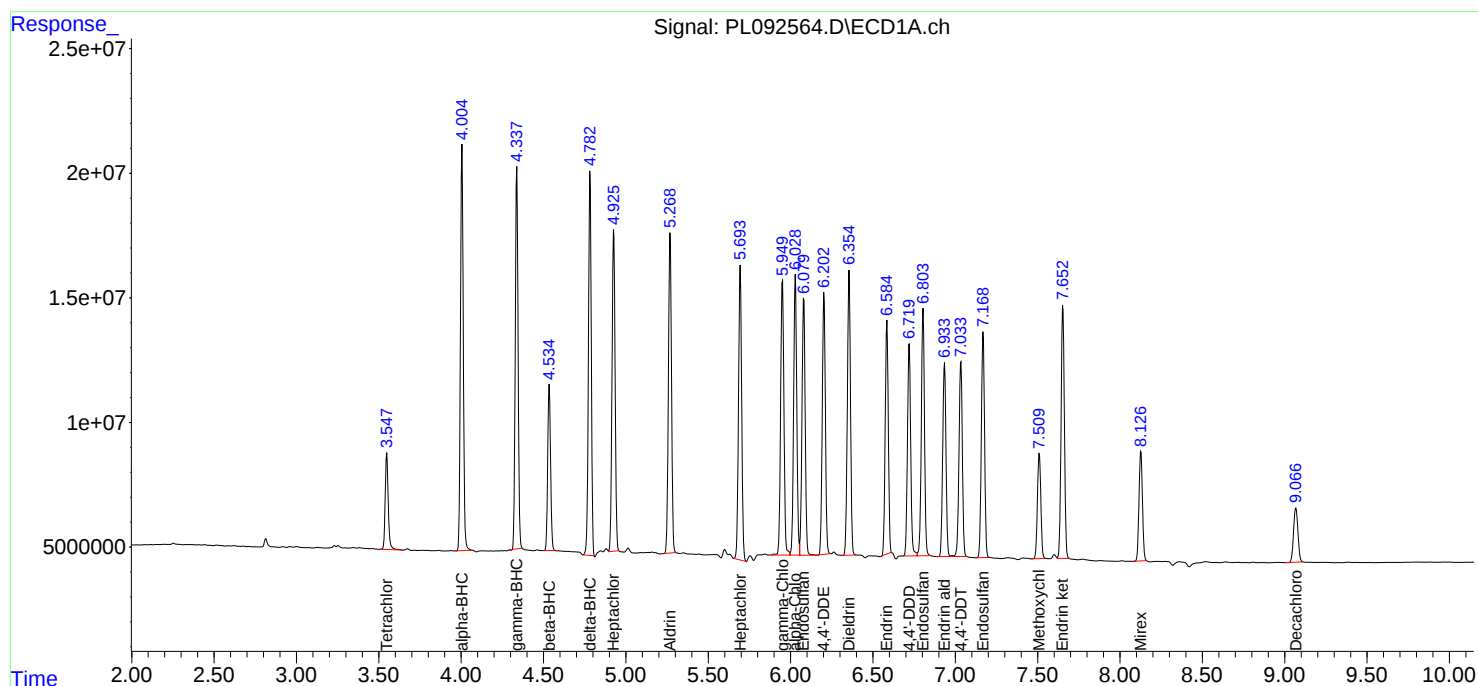
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

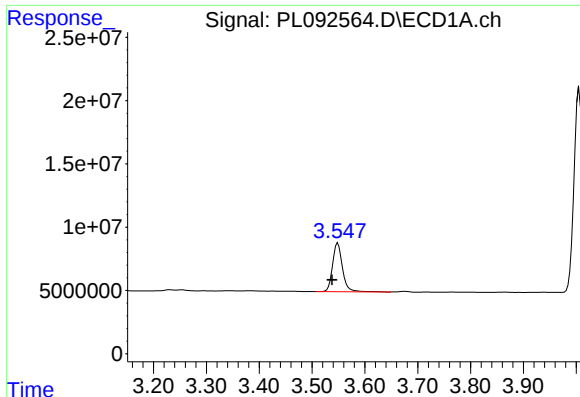
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102324\  
Data File : PL092564.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2024 17:22  
Operator : AR\AJ  
Sample : PB164341BS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB164341BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:56:48 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102124.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 21 17:09:23 2024  
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

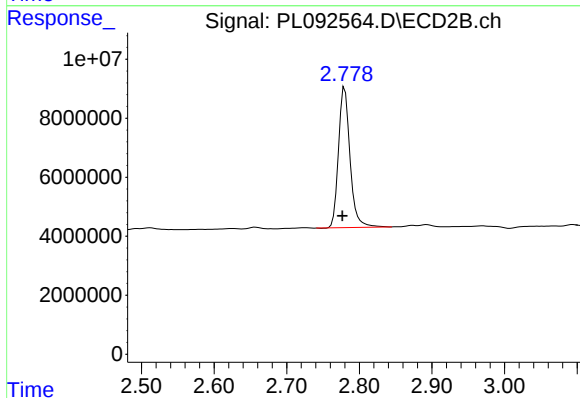




#1 Tetrachloro-m-xylene

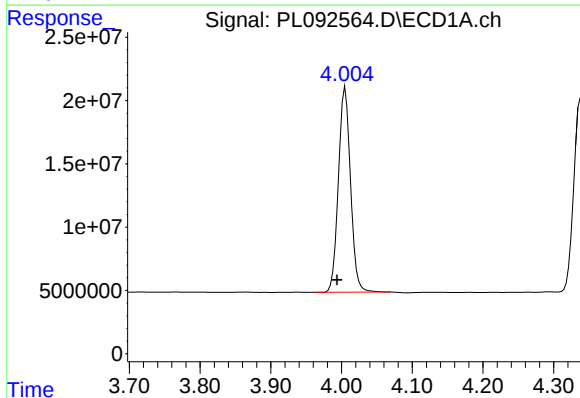
R.T.: 3.549 min  
Delta R.T.: 0.011 min  
Response: 49845129  
Conc: 18.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164341BS



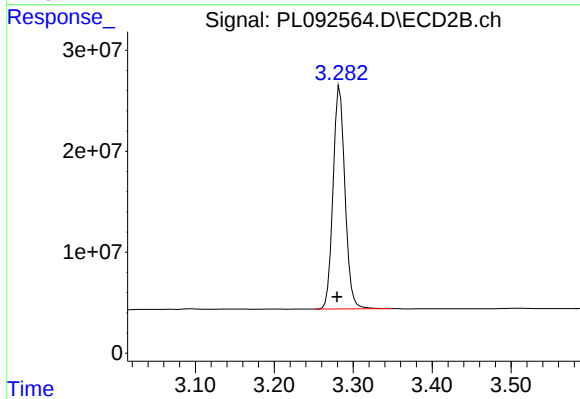
#1 Tetrachloro-m-xylene

R.T.: 2.780 min  
Delta R.T.: 0.003 min  
Response: 52391257  
Conc: 18.86 ng/ml



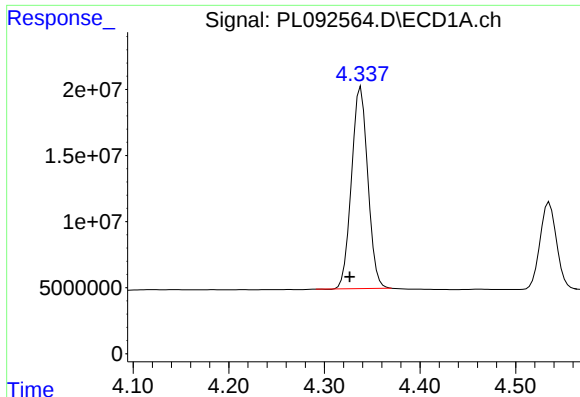
#2 alpha-BHC

R.T.: 4.005 min  
Delta R.T.: 0.011 min  
Response: 192737377  
Conc: 46.77 ng/ml



#2 alpha-BHC

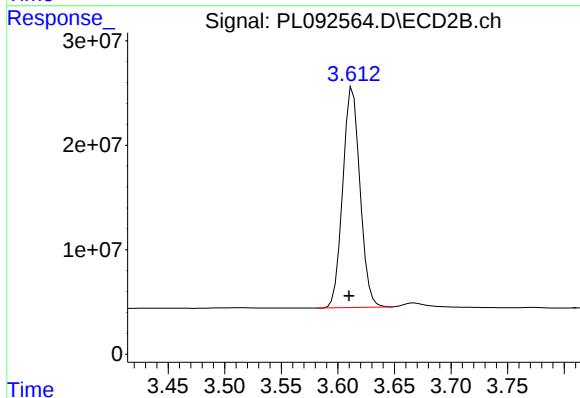
R.T.: 3.283 min  
Delta R.T.: 0.003 min  
Response: 231388500  
Conc: 53.62 ng/ml



#3 gamma-BHC (Lindane)

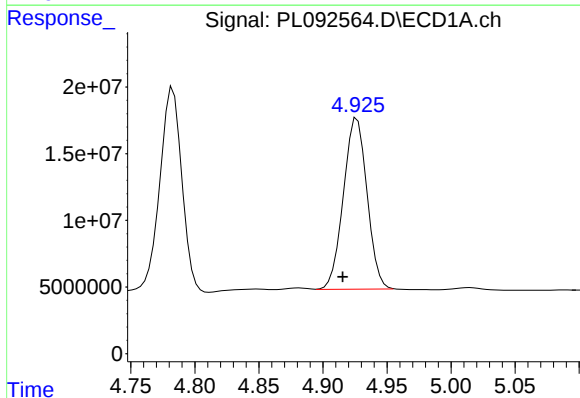
R.T.: 4.338 min  
Delta R.T.: 0.011 min  
Response: 181495949  
Conc: 47.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164341BS



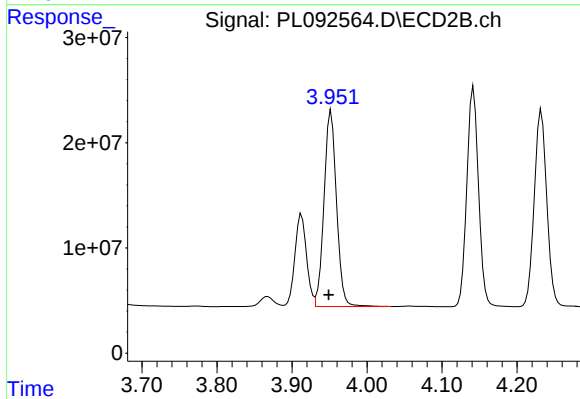
#3 gamma-BHC (Lindane)

R.T.: 3.613 min  
Delta R.T.: 0.003 min  
Response: 223092907  
Conc: 54.17 ng/ml



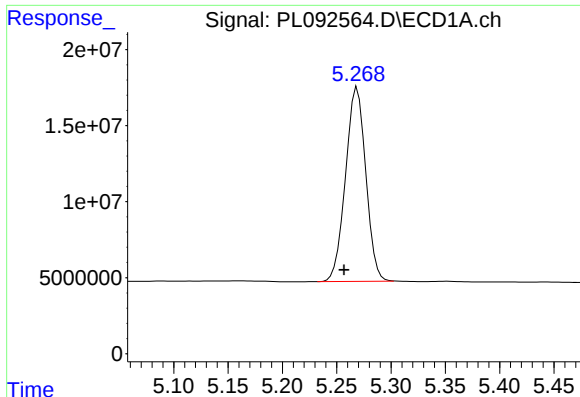
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: 0.010 min  
Response: 164927213  
Conc: 46.51 ng/ml m



#4 Heptachlor

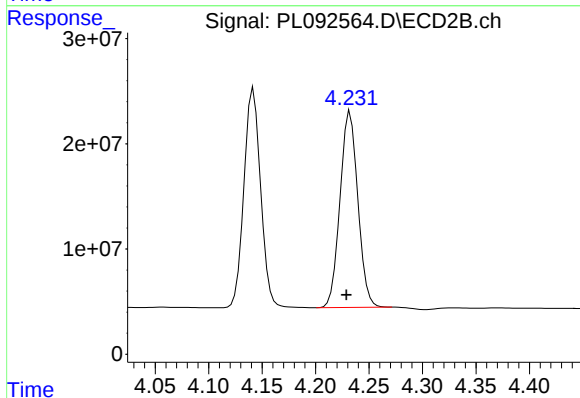
R.T.: 3.952 min  
Delta R.T.: 0.003 min  
Response: 215503104  
Conc: 53.66 ng/ml



#5 Aldrin

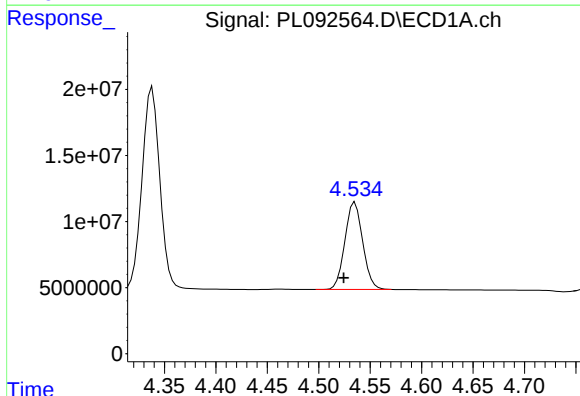
R.T.: 5.268 min  
Delta R.T.: 0.011 min  
Response: 165757871  
Conc: 45.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164341BS



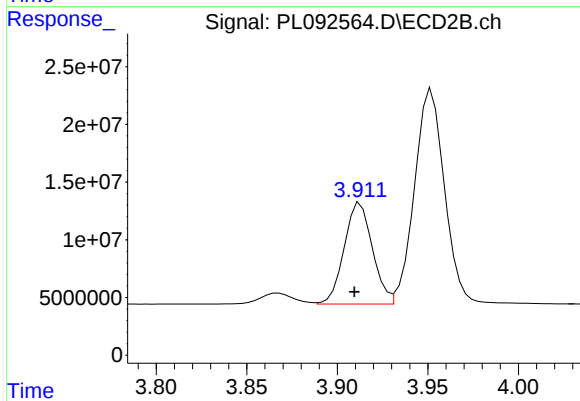
#5 Aldrin

R.T.: 4.232 min  
Delta R.T.: 0.004 min  
Response: 216504780  
Conc: 54.46 ng/ml



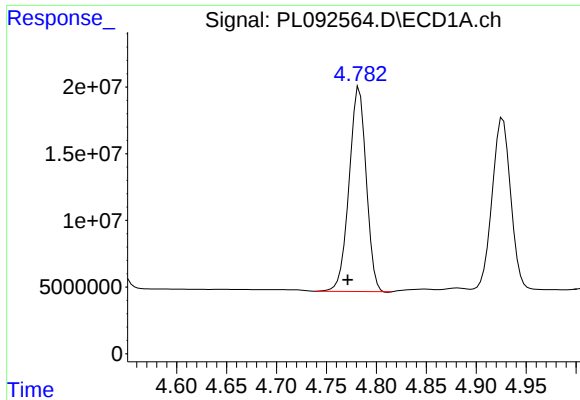
#6 beta-BHC

R.T.: 4.535 min  
Delta R.T.: 0.011 min  
Response: 79661909  
Conc: 51.32 ng/ml



#6 beta-BHC

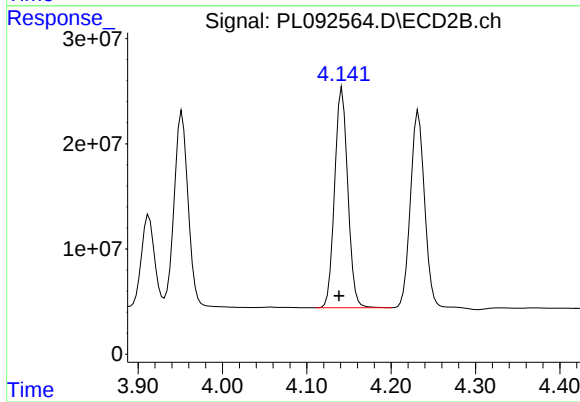
R.T.: 3.913 min  
Delta R.T.: 0.003 min  
Response: 95171446  
Conc: 54.51 ng/ml



#7 delta-BHC

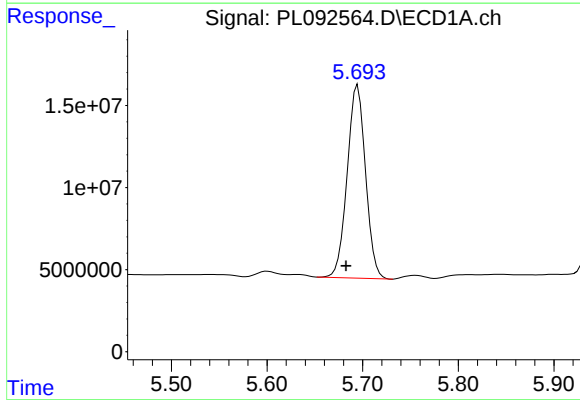
R.T.: 4.783 min  
Delta R.T.: 0.012 min  
Response: 182622531  
Conc: 48.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164341BS



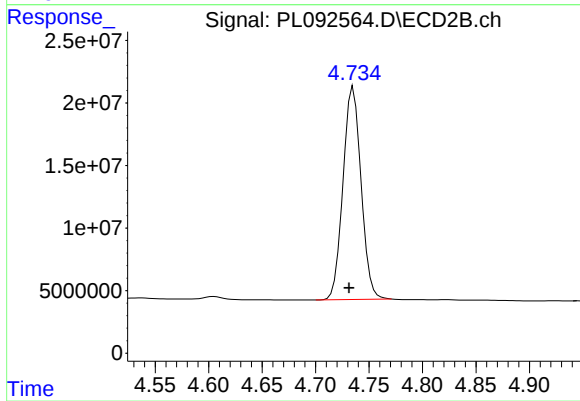
#7 delta-BHC

R.T.: 4.142 min  
Delta R.T.: 0.004 min  
Response: 226794018  
Conc: 53.92 ng/ml



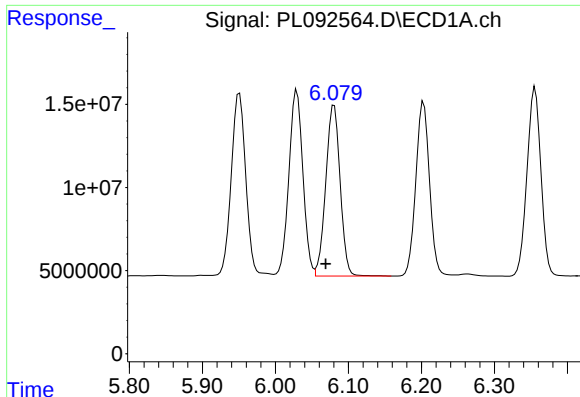
#8 Heptachlor epoxide

R.T.: 5.695 min  
Delta R.T.: 0.012 min  
Response: 157313024  
Conc: 47.37 ng/ml



#8 Heptachlor epoxide

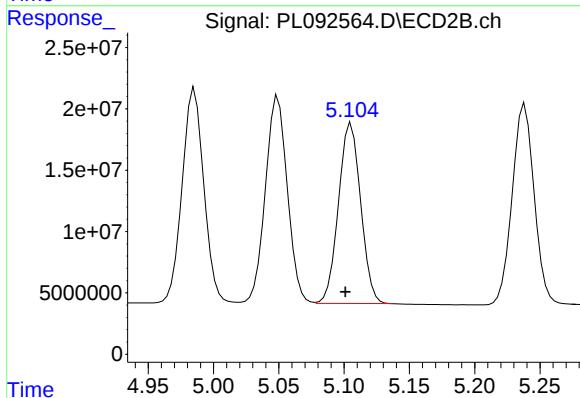
R.T.: 4.735 min  
Delta R.T.: 0.004 min  
Response: 199811370  
Conc: 56.71 ng/ml



#9 Endosulfan I

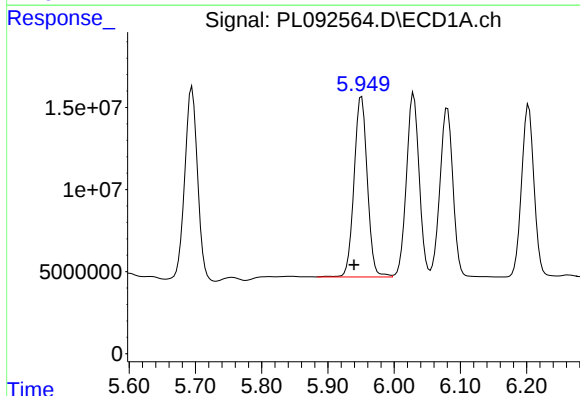
R.T.: 6.080 min  
Delta R.T.: 0.011 min  
Response: 140701505  
Conc: 46.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164341BS



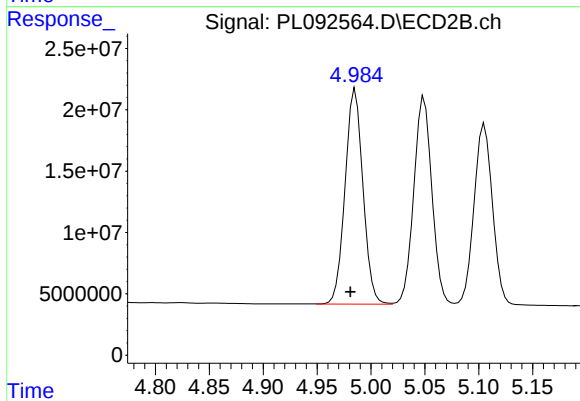
#9 Endosulfan I

R.T.: 5.106 min  
Delta R.T.: 0.004 min  
Response: 174169551  
Conc: 54.72 ng/ml



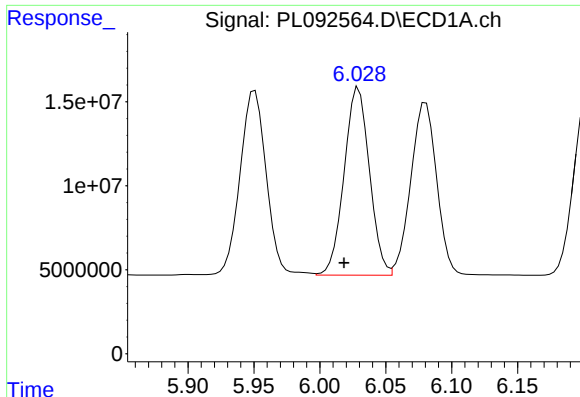
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: 0.011 min  
Response: 153036276  
Conc: 46.42 ng/ml



#10 gamma-Chlordane

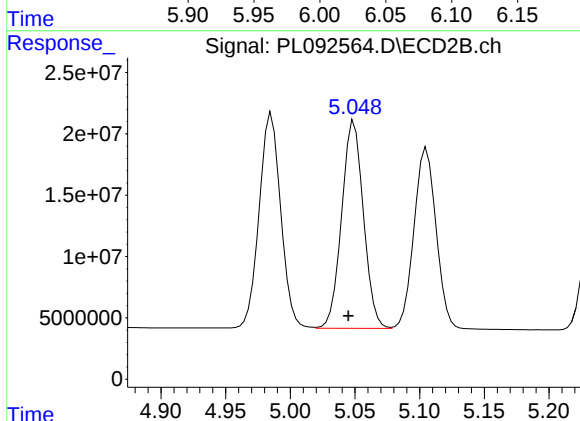
R.T.: 4.986 min  
Delta R.T.: 0.005 min  
Response: 203082829  
Conc: 55.20 ng/ml



#11 alpha-Chlordane

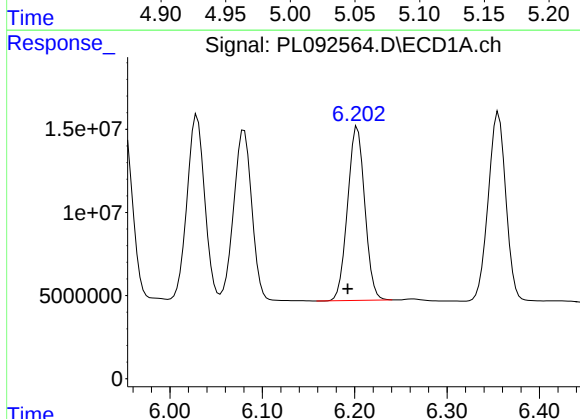
R.T.: 6.029 min  
Delta R.T.: 0.011 min  
Response: 149391248  
Conc: 45.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164341BS



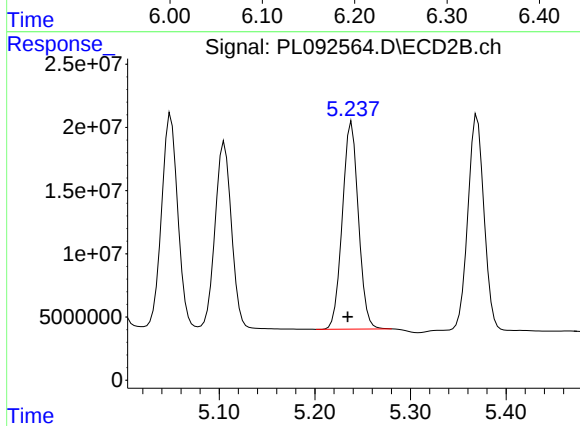
#11 alpha-Chlordane

R.T.: 5.049 min  
Delta R.T.: 0.005 min  
Response: 197943118  
Conc: 55.70 ng/ml



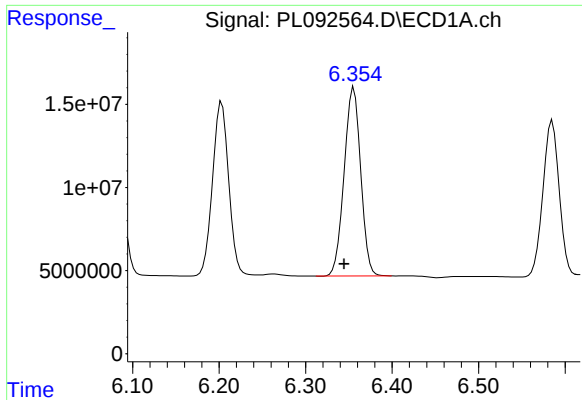
#12 4,4'-DDE

R.T.: 6.203 min  
Delta R.T.: 0.011 min  
Response: 135383297  
Conc: 45.65 ng/ml



#12 4,4'-DDE

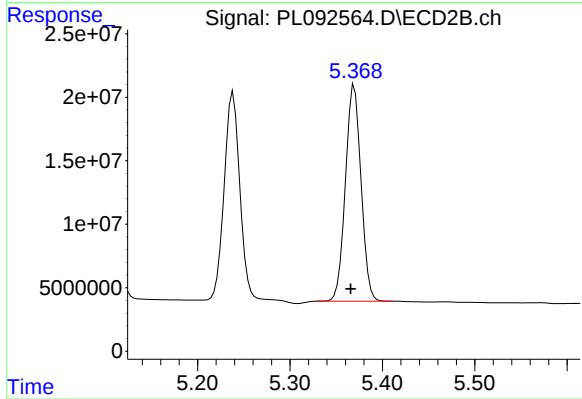
R.T.: 5.239 min  
Delta R.T.: 0.004 min  
Response: 191953038  
Conc: 55.20 ng/ml



#13 Dieldrin

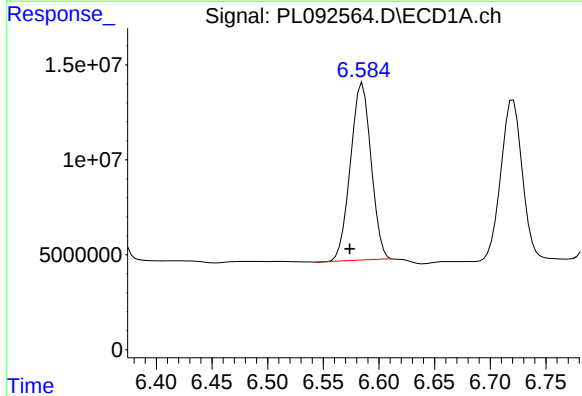
R.T.: 6.356 min  
Delta R.T.: 0.011 min  
Response: 150177576  
Conc: 46.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164341BS



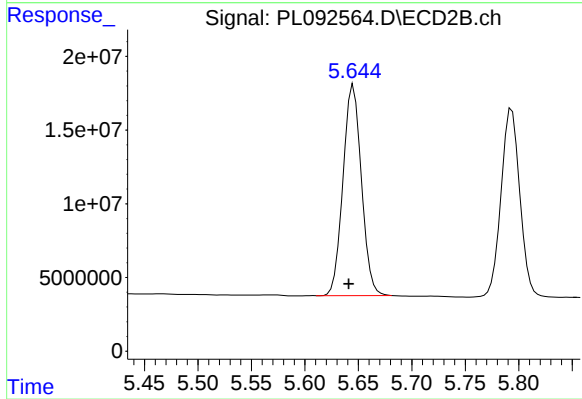
#13 Dieldrin

R.T.: 5.370 min  
Delta R.T.: 0.004 min  
Response: 199939719  
Conc: 54.71 ng/ml



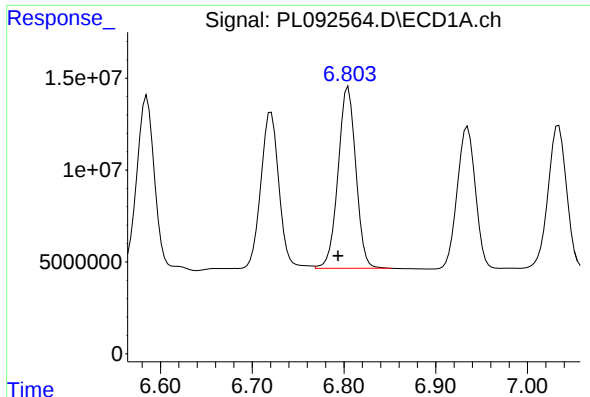
#14 Endrin

R.T.: 6.585 min  
Delta R.T.: 0.011 min  
Response: 120272686  
Conc: 42.59 ng/ml



#14 Endrin

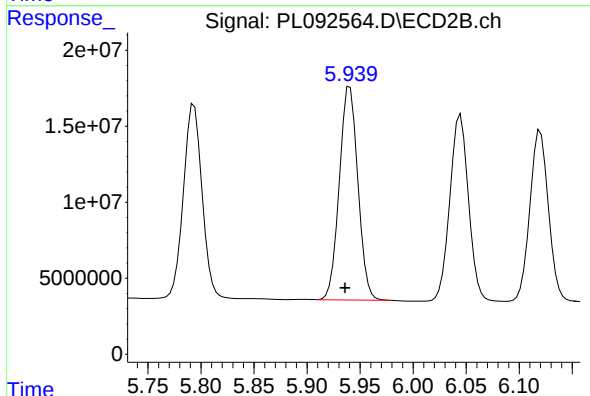
R.T.: 5.646 min  
Delta R.T.: 0.005 min  
Response: 171458875  
Conc: 52.36 ng/ml



#15 Endosulfan II

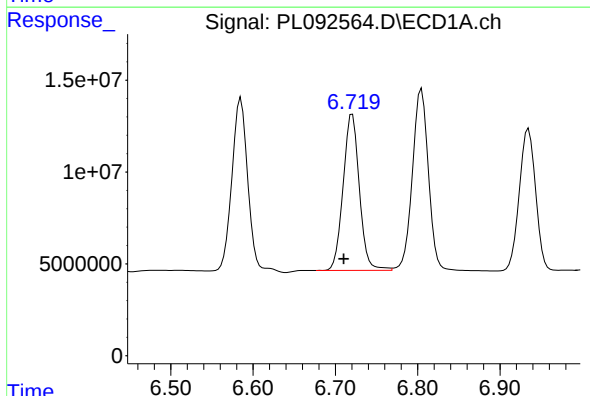
R.T.: 6.805 min  
Delta R.T.: 0.011 min  
Response: 133091335  
Conc: 47.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164341BS



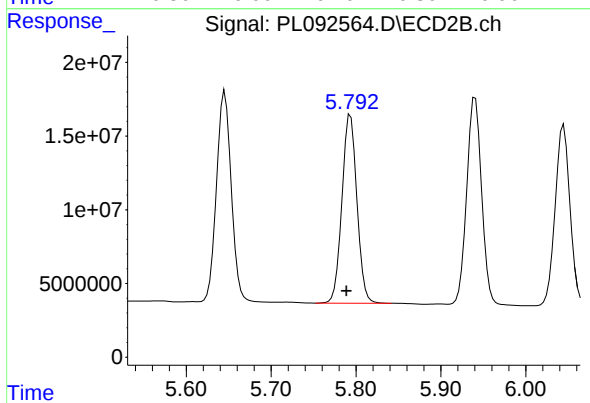
#15 Endosulfan II

R.T.: 5.940 min  
Delta R.T.: 0.004 min  
Response: 170778430  
Conc: 54.63 ng/ml



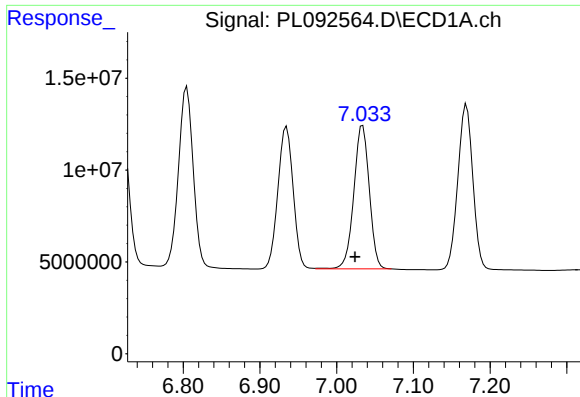
#16 4,4'-DDD

R.T.: 6.721 min  
Delta R.T.: 0.011 min  
Response: 116806627  
Conc: 48.35 ng/ml



#16 4,4'-DDD

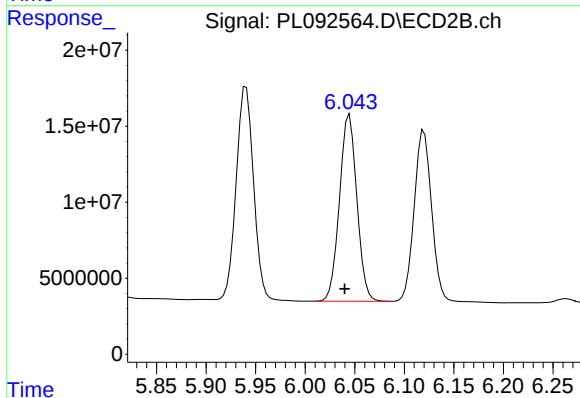
R.T.: 5.793 min  
Delta R.T.: 0.005 min  
Response: 156684465  
Conc: 56.40 ng/ml



#17 4,4'-DDT

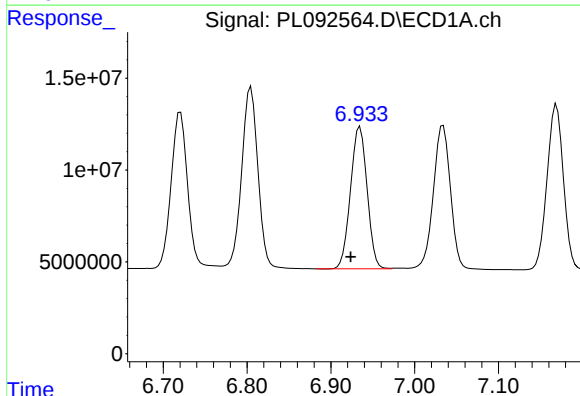
R.T.: 7.034 min  
Delta R.T.: 0.010 min  
Response: 110272468  
Conc: 44.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164341BS



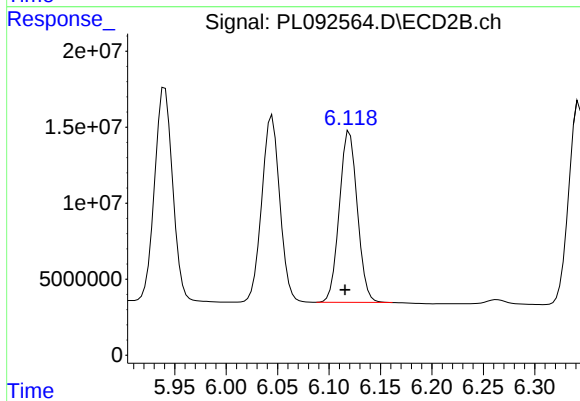
#17 4,4'-DDT

R.T.: 6.045 min  
Delta R.T.: 0.005 min  
Response: 149987270  
Conc: 51.07 ng/ml



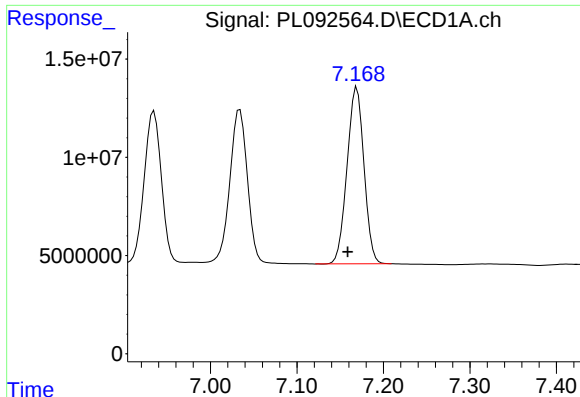
#18 Endrin aldehyde

R.T.: 6.935 min  
Delta R.T.: 0.011 min  
Response: 106666021  
Conc: 49.94 ng/ml



#18 Endrin aldehyde

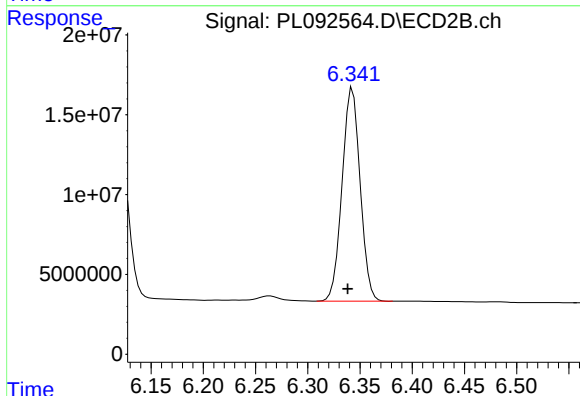
R.T.: 6.120 min  
Delta R.T.: 0.004 min  
Response: 137250842  
Conc: 55.87 ng/ml



#19 Endosulfan Sulfate

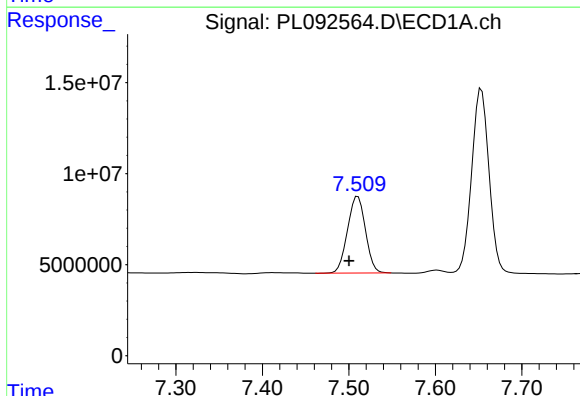
R.T.: 7.169 min  
Delta R.T.: 0.011 min  
Response: 121810307  
Conc: 48.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164341BS



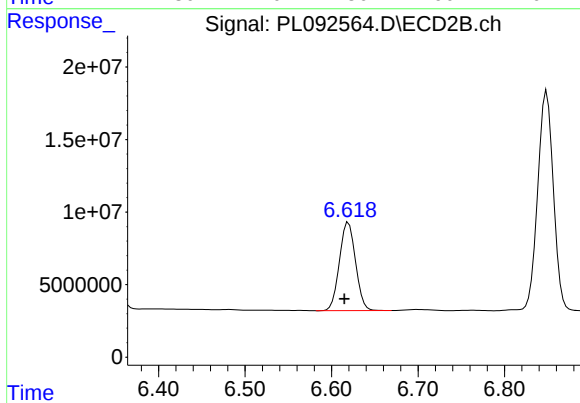
#19 Endosulfan Sulfate

R.T.: 6.343 min  
Delta R.T.: 0.005 min  
Response: 160473517  
Conc: 54.28 ng/ml



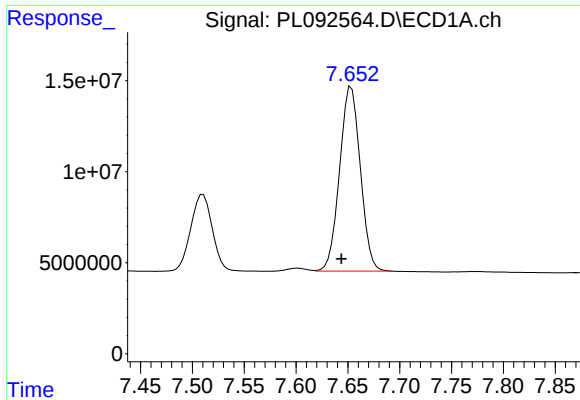
#20 Methoxychlor

R.T.: 7.510 min  
Delta R.T.: 0.010 min  
Response: 60620889  
Conc: 51.47 ng/ml



#20 Methoxychlor

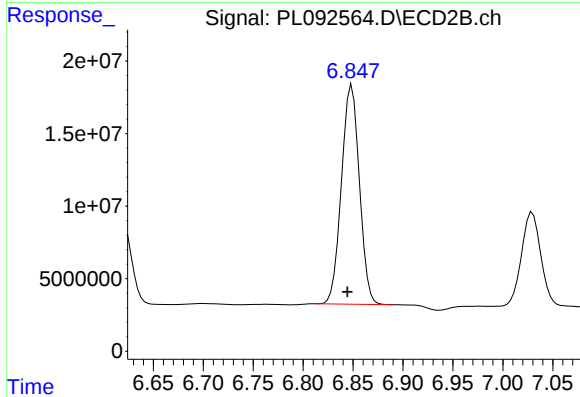
R.T.: 6.620 min  
Delta R.T.: 0.005 min  
Response: 78507440  
Conc: 55.37 ng/ml



#21 Endrin ketone

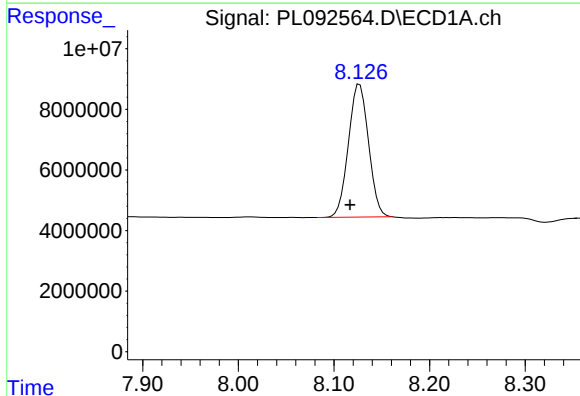
R.T.: 7.653 min  
Delta R.T.: 0.010 min  
Response: 140844979  
Conc: 51.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164341BS



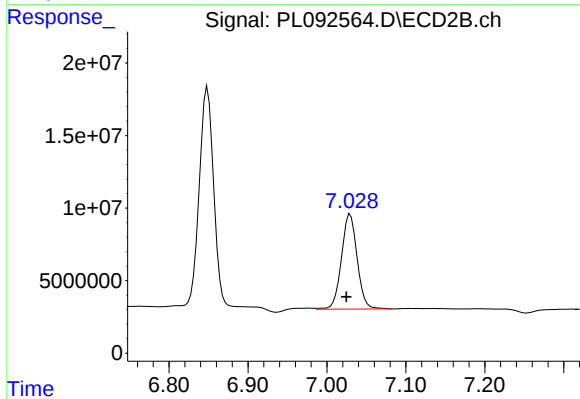
#21 Endrin ketone

R.T.: 6.849 min  
Delta R.T.: 0.005 min  
Response: 189081189  
Conc: 58.86 ng/ml



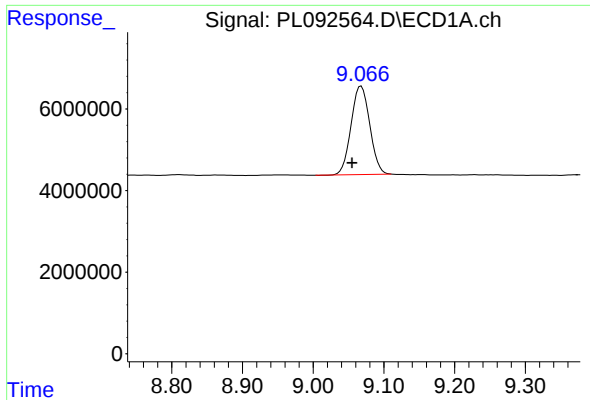
#22 Mirex

R.T.: 8.127 min  
Delta R.T.: 0.010 min  
Response: 64386338  
Conc: 30.86 ng/ml



#22 Mirex

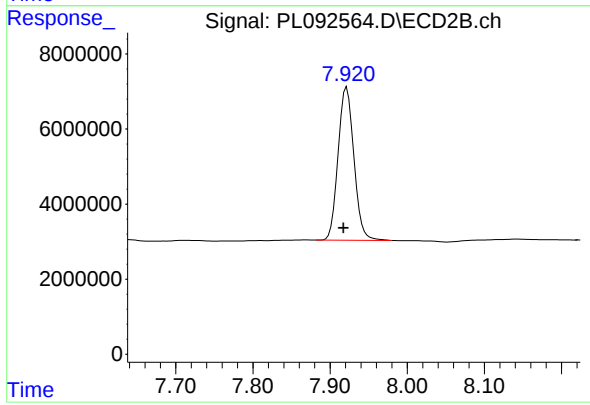
R.T.: 7.030 min  
Delta R.T.: 0.005 min  
Response: 90376672  
Conc: 34.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.013 min  
Response: 39816659  
Conc: 19.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164341BS



#28 Decachlorobiphenyl

R.T.: 7.922 min  
Delta R.T.: 0.004 min  
Response: 58143162  
Conc: 22.07 ng/ml