

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102220\  
 Data File : PL062520.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Oct 2020 16:03  
 Operator : DD\AJ  
 Sample : L4484-01MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 72-11998MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 22 17:52:20 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 22 04:25:31 2020  
 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... | 3.412 | 3.950 | 36133128 | 59041481 | 21.007 | 20.091 |
| 2)                          | SA Decachlor... | 8.126 | 8.989 | 26159002 | 34183777 | 16.306 | 16.333 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.844 | 4.336 | 146.6E6  | 255.4E6  | 57.505 | 57.488 |
| 3)                          | MA gamma-BHC... | 4.123 | 4.619 | 133.5E6  | 234.2E6  | 57.636 | 56.087 |
| 4)                          | MA Heptachlor   | 4.419 | 5.124 | 119.1E6  | 211.6E6  | 55.486 | 53.067 |
| 5)                          | MB Aldrin       | 4.664 | 5.428 | 104.1E6  | 189.8E6  | 54.552 | 52.428 |
| 6)                          | B beta-BHC      | 4.372 | 4.790 | 53899529 | 95032435 | 56.428 | 50.468 |
| 7)                          | B delta-BHC     | 4.572 | 5.005 | 123.6E6  | 192.7E6  | 56.861 | 55.067 |
| 8)                          | B Heptachlo...  | 5.102 | 5.813 | 103.5E6  | 172.4E6  | 56.721 | 53.218 |
| 9)                          | A Endosulfan I  | 5.438 | 6.168 | 90707628 | 156.7E6  | 54.264 | 49.680 |
| 10)                         | B gamma-Chl...  | 5.328 | 6.046 | 96597381 | 164.7E6  | 53.618 | 48.933 |
| 11)                         | B alpha-Chl...  | 5.385 | 6.119 | 95718850 | 168.4E6  | 52.949 | 49.972 |
| 12)                         | B 4,4'-DDE      | 5.550 | 6.278 | 97877237 | 165.6E6  | 59.160 | 51.405 |
| 13)                         | MA Dieldrin     | 5.678 | 6.424 | 97163566 | 158.9E6  | 54.989 | 49.634 |
| 14)                         | MA Endrin       | 5.933 | 6.641 | 90678237 | 137.8E6  | 54.501 | 49.388 |
| 15)                         | B Endosulfa...  | 6.205 | 6.851 | 86872128 | 138.2E6  | 52.693 | 48.345 |
| 16)                         | A 4,4'-DDD      | 6.062 | 6.767 | 73148587 | 132.4E6  | 51.714 | 51.718 |
| 17)                         | MA 4,4'-DDT     | 6.301 | 7.065 | 76647373 | 121.4E6  | 57.432 | 54.060 |
| 18)                         | B Endrin al...  | 6.372 | 6.975 | 69847646 | 106.6E6  | 48.102 | 46.750 |
| 19)                         | B Endosulfa...  | 6.584 | 7.198 | 91072206 | 120.5E6  | 55.187 | 50.229 |
| 20)                         | A Methoxychlor  | 6.845 | 7.524 | 43604121 | 60066650 | 50.626 | 48.617 |
| 21)                         | B Endrin ke...  | 7.070 | 7.667 | 91099374 | 127.0E6  | 50.526 | 53.588 |
| 22)                         | Mirex           | 7.256 | 8.120 | 64546626 | 80549268 | 45.529 | 47.269 |
| -----                       |                 |       |       |          |          |        |        |

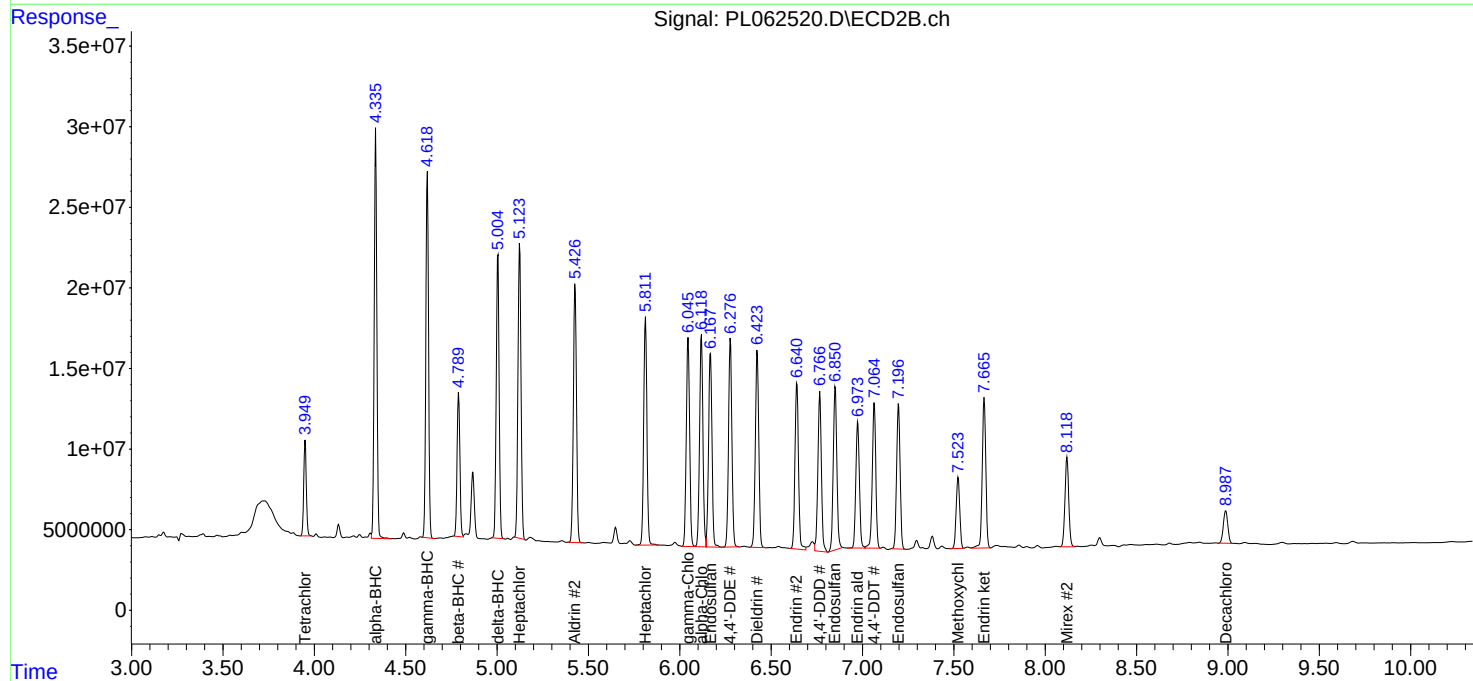
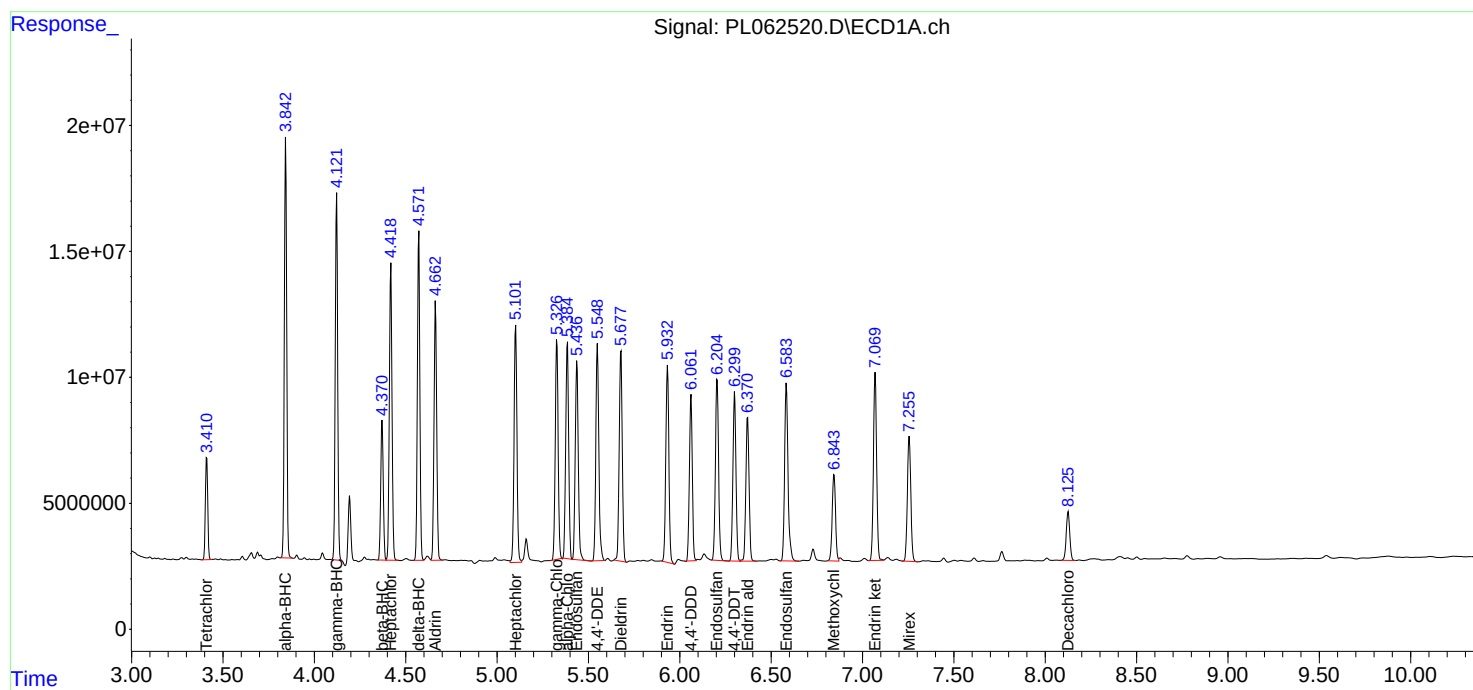
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

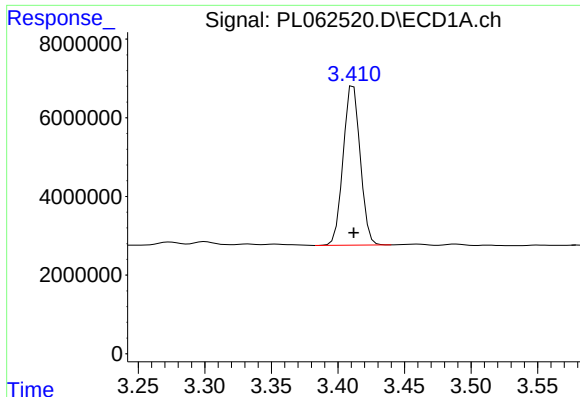
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102220\  
Data File : PL062520.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2020 16:03  
Operator : DD\AJ  
Sample : L4484-01MSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
72-11998MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 22 17:52:20 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 22 04:25:31 2020  
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

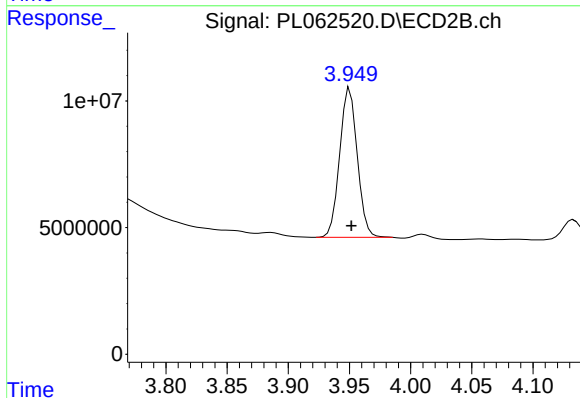




#1 Tetrachloro-m-xylene

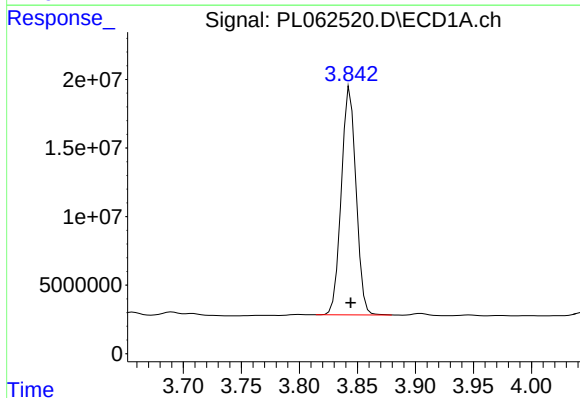
R.T.: 3.412 min  
Delta R.T.: 0.000 min  
Response: 36133128  
Conc: 21.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11998MSD



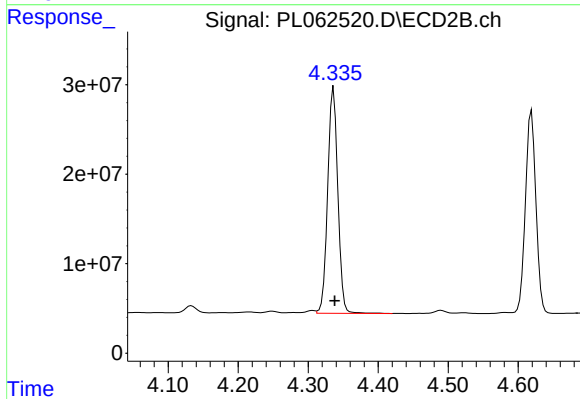
#1 Tetrachloro-m-xylene

R.T.: 3.950 min  
Delta R.T.: -0.001 min  
Response: 59041481  
Conc: 20.09 ng/ml



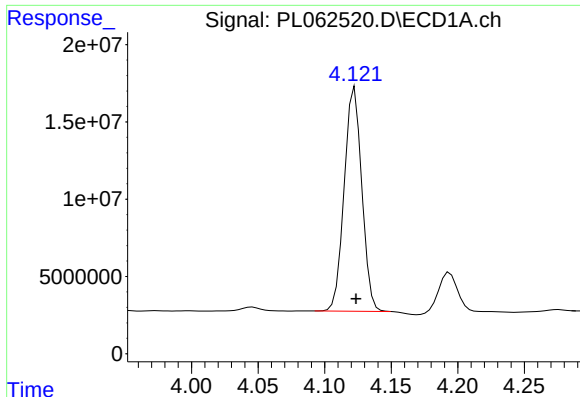
#2 alpha-BHC

R.T.: 3.844 min  
Delta R.T.: 0.000 min  
Response: 146620815  
Conc: 57.51 ng/ml



#2 alpha-BHC

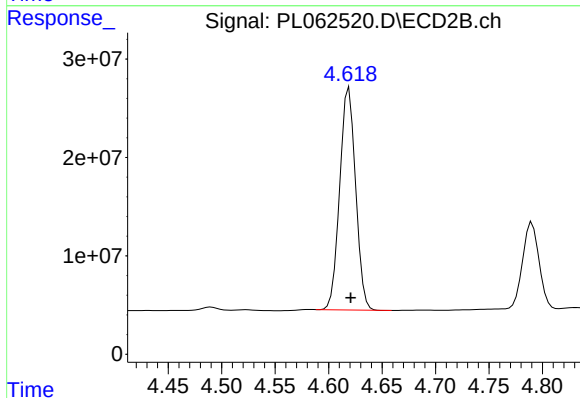
R.T.: 4.336 min  
Delta R.T.: -0.002 min  
Response: 255430697  
Conc: 57.49 ng/ml



#3 gamma-BHC (Lindane)

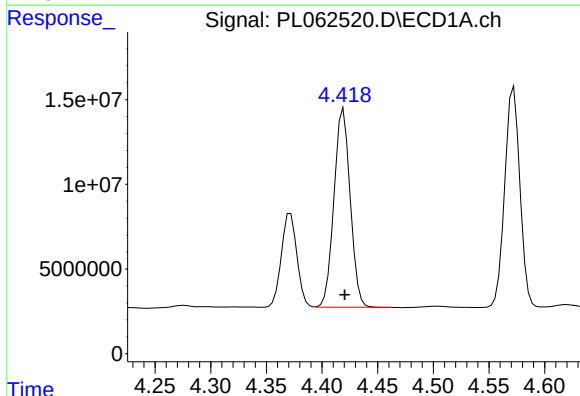
R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 133525135  
Conc: 57.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11998MSD



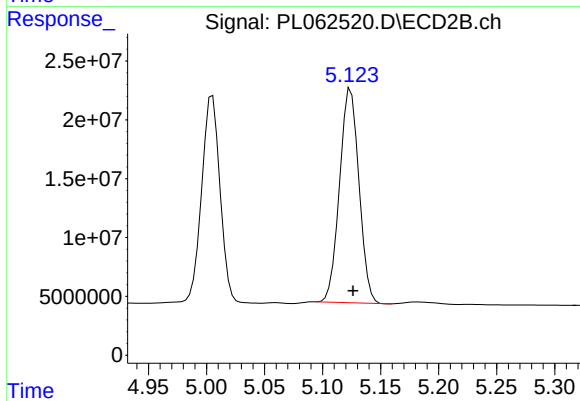
#3 gamma-BHC (Lindane)

R.T.: 4.619 min  
Delta R.T.: -0.002 min  
Response: 234202814  
Conc: 56.09 ng/ml



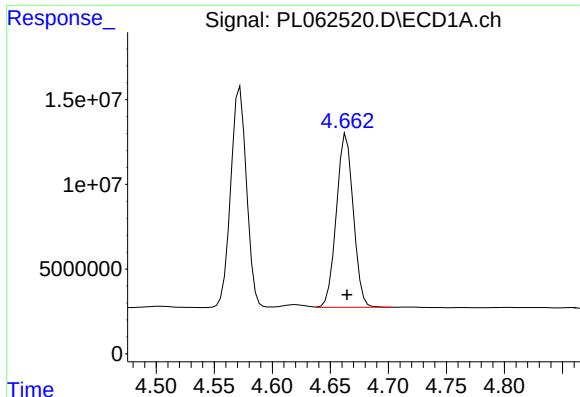
#4 Heptachlor

R.T.: 4.419 min  
Delta R.T.: 0.000 min  
Response: 119061192  
Conc: 55.49 ng/ml



#4 Heptachlor

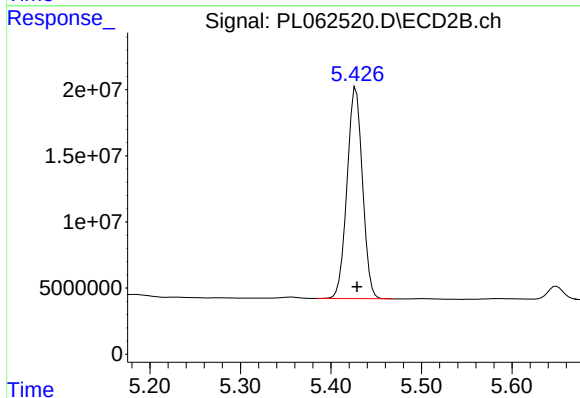
R.T.: 5.124 min  
Delta R.T.: -0.002 min  
Response: 211624728  
Conc: 53.07 ng/ml



#5 Aldrin

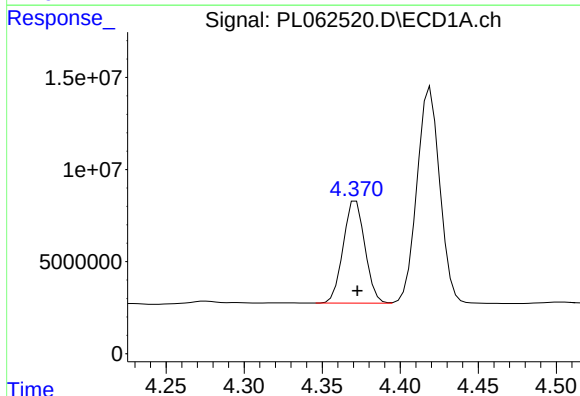
R.T.: 4.664 min  
Delta R.T.: 0.000 min  
Response: 104125488  
Conc: 54.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11998MSD



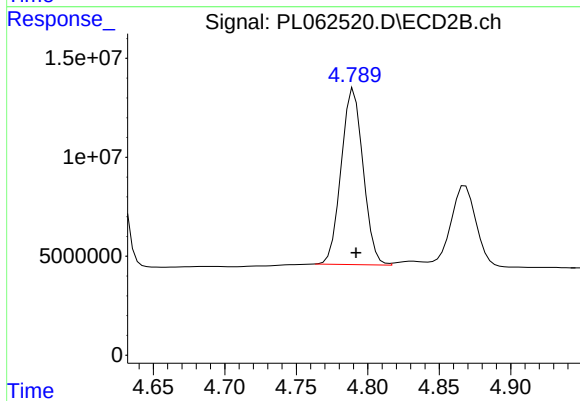
#5 Aldrin

R.T.: 5.428 min  
Delta R.T.: -0.001 min  
Response: 189762437  
Conc: 52.43 ng/ml



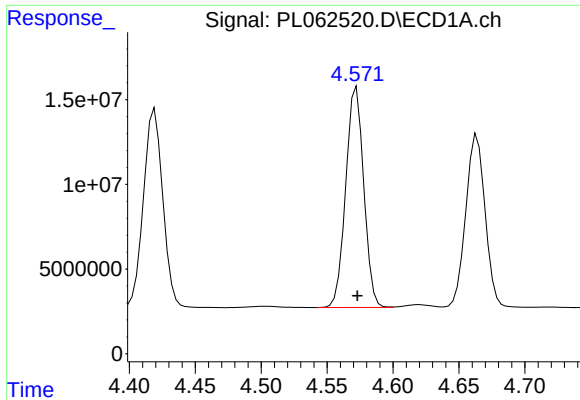
#6 beta-BHC

R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 53899529  
Conc: 56.43 ng/ml



#6 beta-BHC

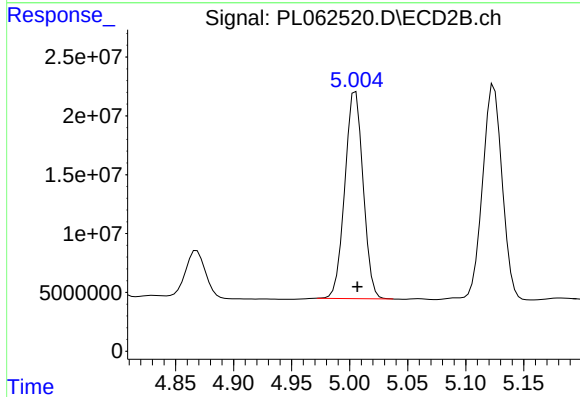
R.T.: 4.790 min  
Delta R.T.: -0.001 min  
Response: 95032435  
Conc: 50.47 ng/ml



#7 delta-BHC

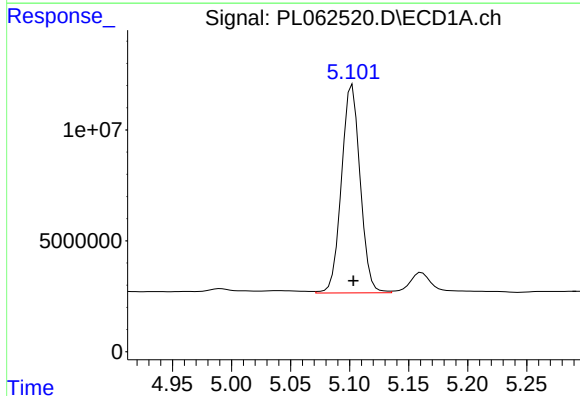
R.T.: 4.572 min  
Delta R.T.: 0.000 min  
Response: 123572519  
Conc: 56.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11998MSD



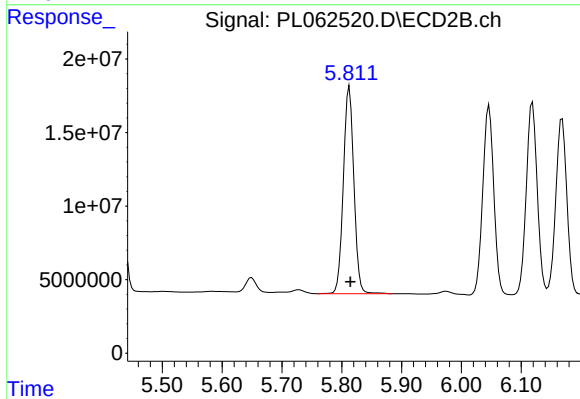
#7 delta-BHC

R.T.: 5.005 min  
Delta R.T.: -0.002 min  
Response: 192704167  
Conc: 55.07 ng/ml



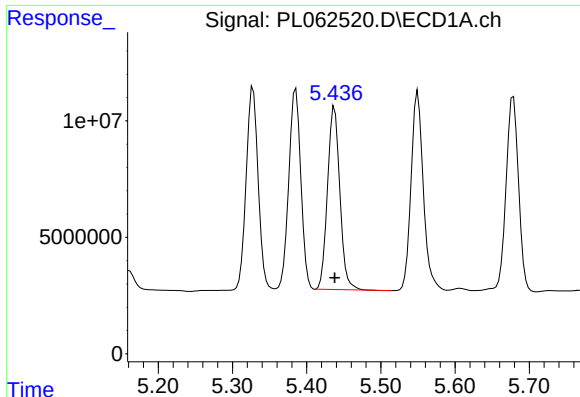
#8 Heptachlor epoxide

R.T.: 5.102 min  
Delta R.T.: -0.001 min  
Response: 103491818  
Conc: 56.72 ng/ml



#8 Heptachlor epoxide

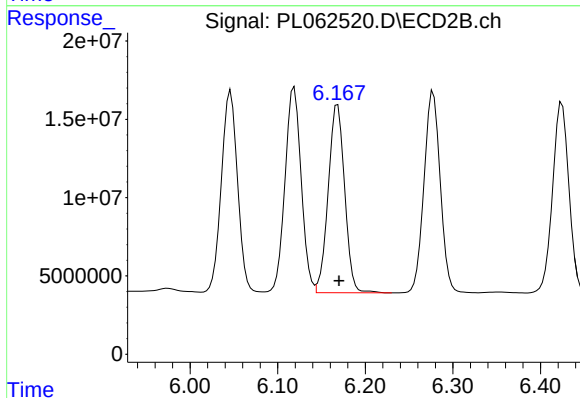
R.T.: 5.813 min  
Delta R.T.: -0.002 min  
Response: 172351514  
Conc: 53.22 ng/ml



#9 Endosulfan I

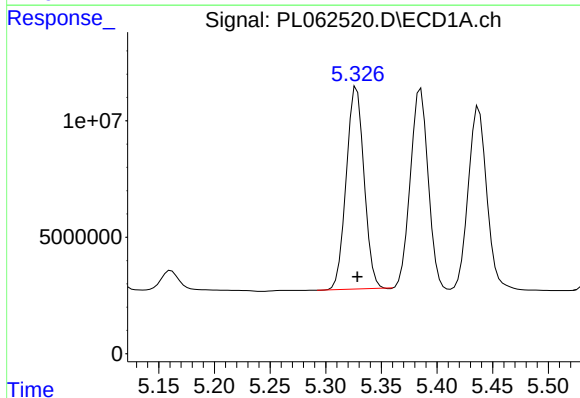
R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 90707628  
Conc: 54.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11998MSD



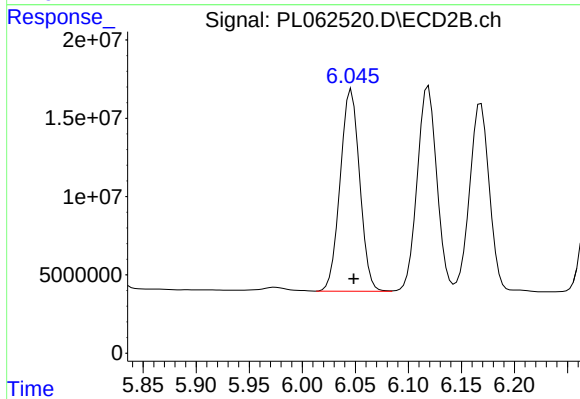
#9 Endosulfan I

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 156682298  
Conc: 49.68 ng/ml



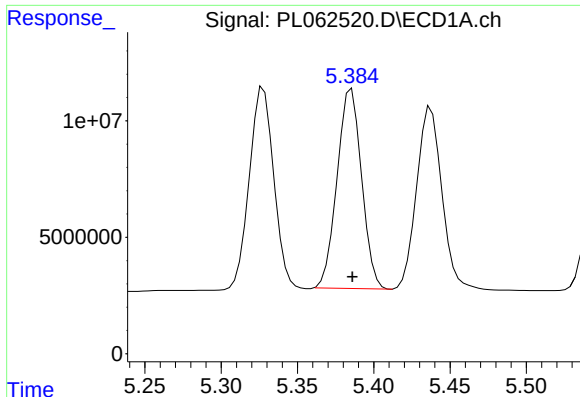
#10 gamma-Chlordane

R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 96597381  
Conc: 53.62 ng/ml



#10 gamma-Chlordane

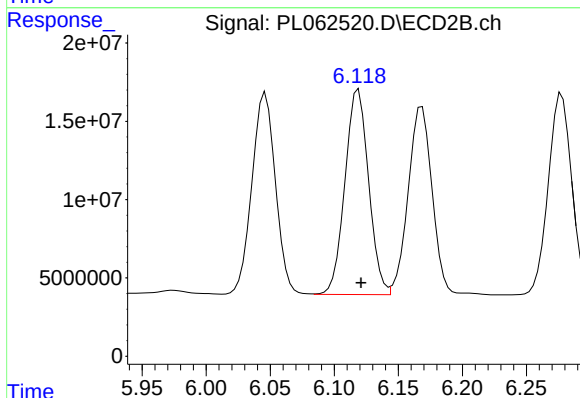
R.T.: 6.046 min  
Delta R.T.: -0.002 min  
Response: 164725678  
Conc: 48.93 ng/ml



#11 alpha-Chlordane

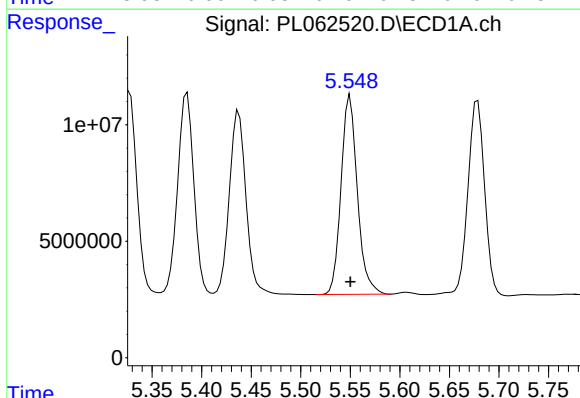
R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 95718850  
Conc: 52.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11998MSD



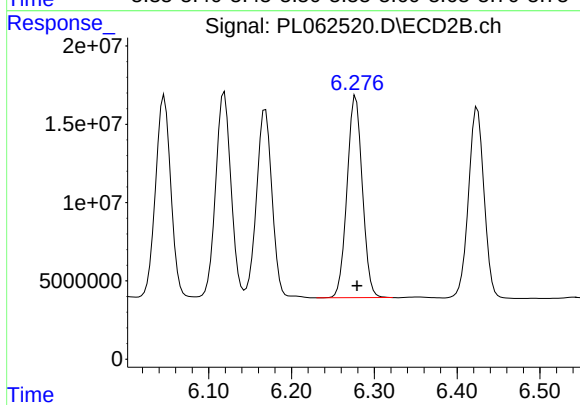
#11 alpha-Chlordane

R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 168352086  
Conc: 49.97 ng/ml



#12 4,4'-DDE

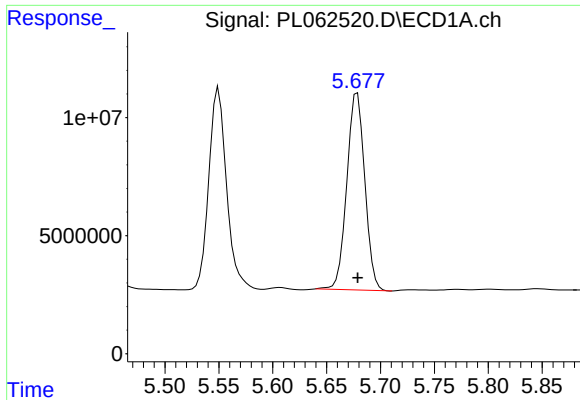
R.T.: 5.550 min  
Delta R.T.: 0.000 min  
Response: 97877237  
Conc: 59.16 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min  
Delta R.T.: -0.002 min  
Response: 165627904  
Conc: 51.40 ng/ml

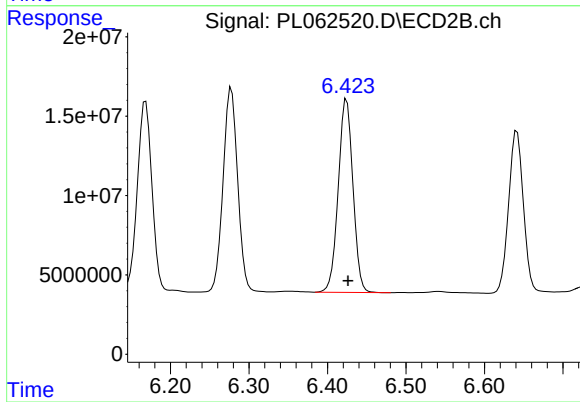




#13 Dieldrin

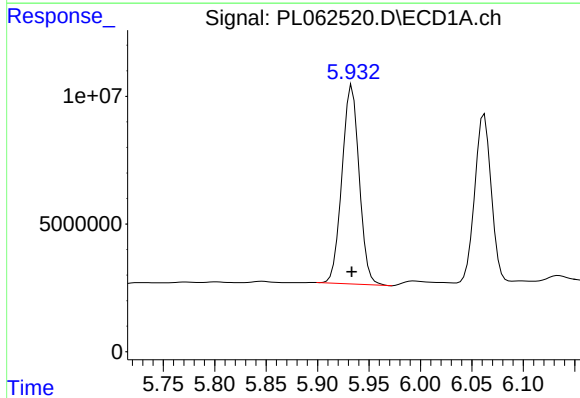
R.T.: 5.678 min  
Delta R.T.: 0.000 min  
Response: 97163566  
Conc: 54.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11998MSD



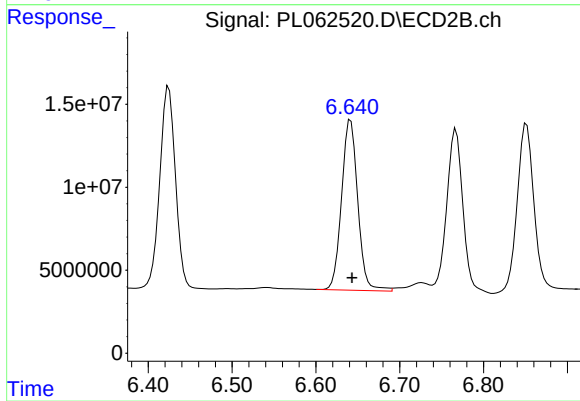
#13 Dieldrin

R.T.: 6.424 min  
Delta R.T.: -0.002 min  
Response: 158872840  
Conc: 49.63 ng/ml



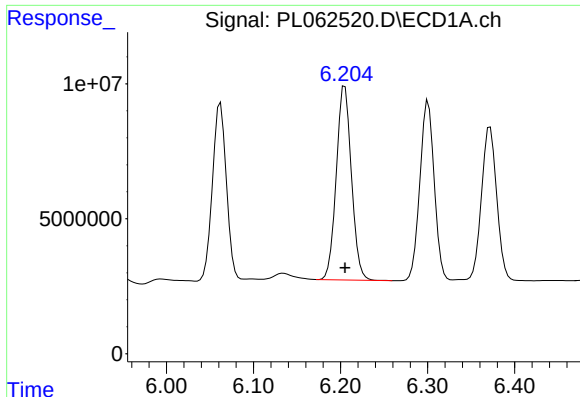
#14 Endrin

R.T.: 5.933 min  
Delta R.T.: 0.000 min  
Response: 90678237  
Conc: 54.50 ng/ml



#14 Endrin

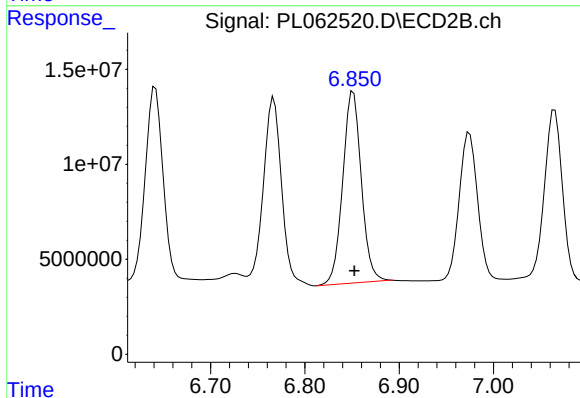
R.T.: 6.641 min  
Delta R.T.: -0.002 min  
Response: 137847680  
Conc: 49.39 ng/ml



#15 Endosulfan II

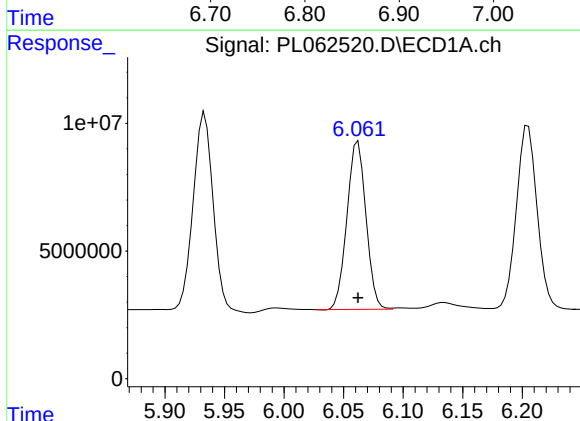
R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 86872128  
Conc: 52.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11998MSD



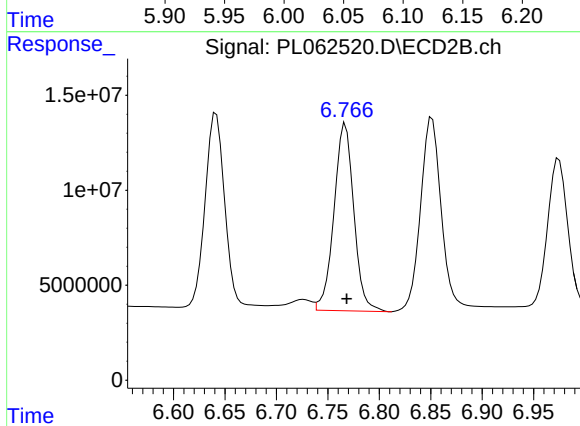
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.001 min  
Response: 138200889  
Conc: 48.34 ng/ml



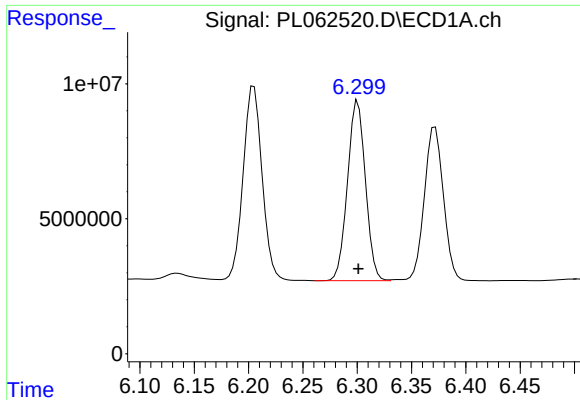
#16 4,4'-DDD

R.T.: 6.062 min  
Delta R.T.: 0.000 min  
Response: 73148587  
Conc: 51.71 ng/ml



#16 4,4'-DDD

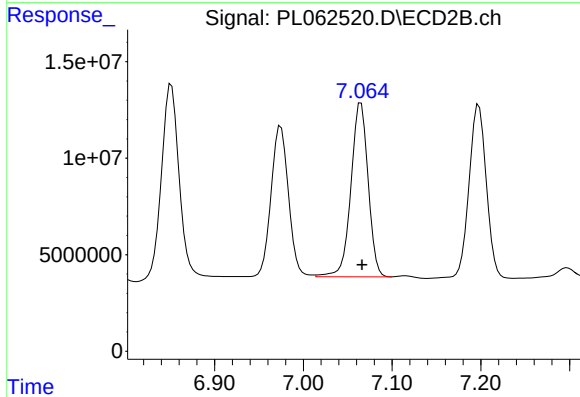
R.T.: 6.767 min  
Delta R.T.: -0.001 min  
Response: 132396268  
Conc: 51.72 ng/ml



#17 4,4'-DDT

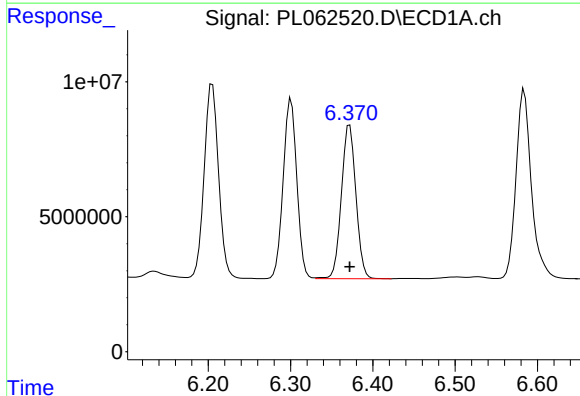
R.T.: 6.301 min  
Delta R.T.: 0.000 min  
Response: 76647373  
Conc: 57.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11998MSD



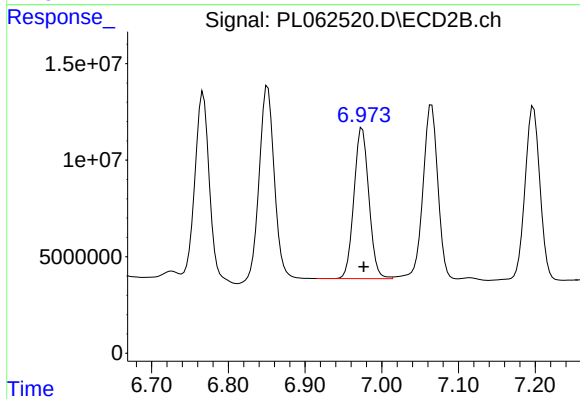
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: -0.001 min  
Response: 121378341  
Conc: 54.06 ng/ml



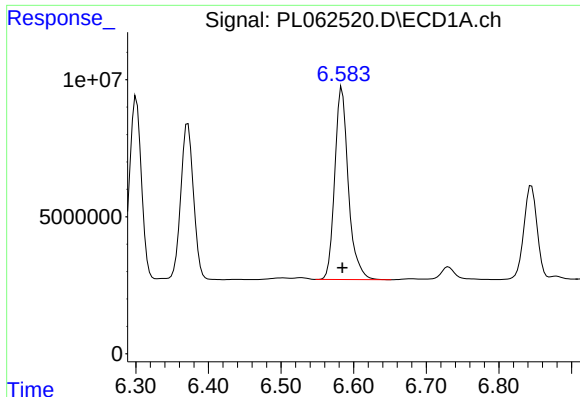
#18 Endrin aldehyde

R.T.: 6.372 min  
Delta R.T.: 0.000 min  
Response: 69847646  
Conc: 48.10 ng/ml



#18 Endrin aldehyde

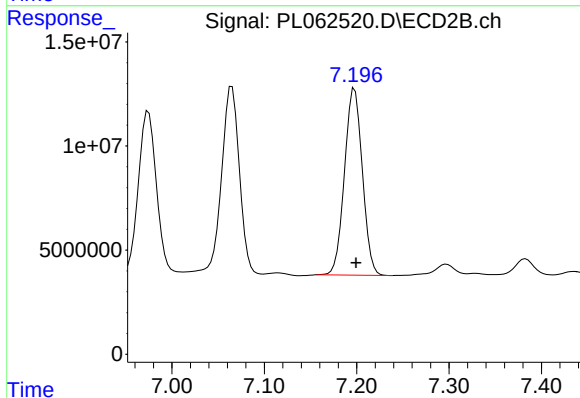
R.T.: 6.975 min  
Delta R.T.: -0.002 min  
Response: 106616936  
Conc: 46.75 ng/ml



#19 Endosulfan Sulfate

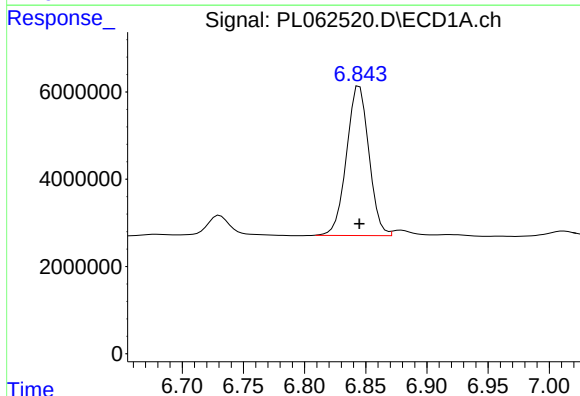
R.T.: 6.584 min  
Delta R.T.: 0.000 min  
Response: 91072206  
Conc: 55.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11998MSD



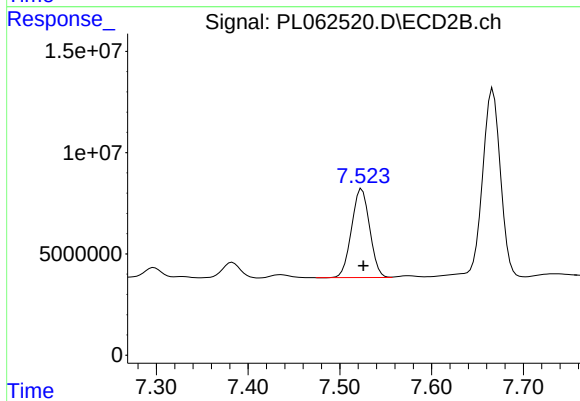
#19 Endosulfan Sulfate

R.T.: 7.198 min  
Delta R.T.: -0.002 min  
Response: 120510479  
Conc: 50.23 ng/ml



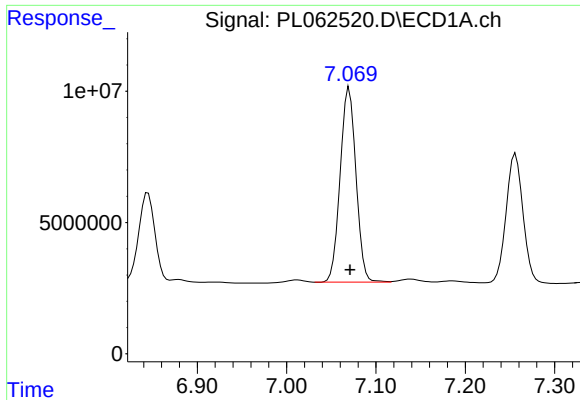
#20 Methoxychlor

R.T.: 6.845 min  
Delta R.T.: 0.000 min  
Response: 43604121  
Conc: 50.63 ng/ml



#20 Methoxychlor

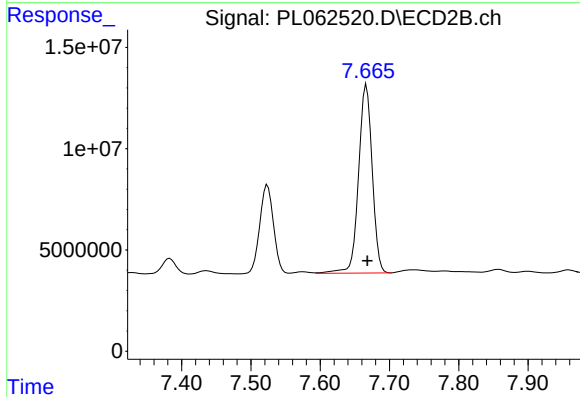
R.T.: 7.524 min  
Delta R.T.: -0.002 min  
Response: 60066650  
Conc: 48.62 ng/ml



#21 Endrin ketone

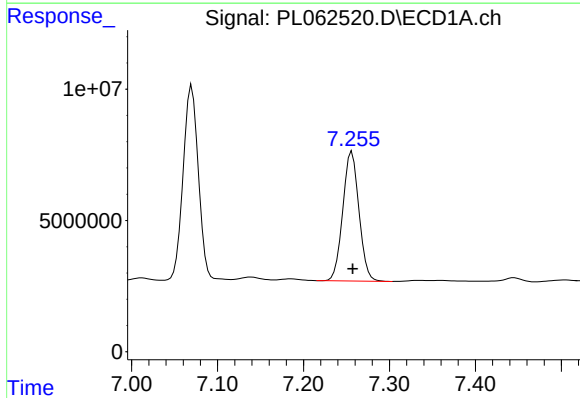
R.T.: 7.070 min  
Delta R.T.: 0.000 min  
Response: 91099374  
Conc: 50.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11998MSD



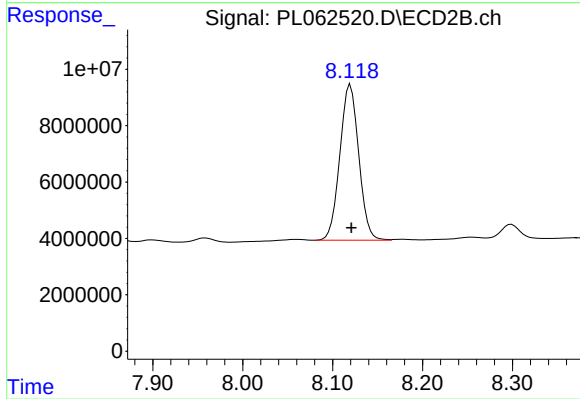
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: -0.001 min  
Response: 126993013  
Conc: 53.59 ng/ml



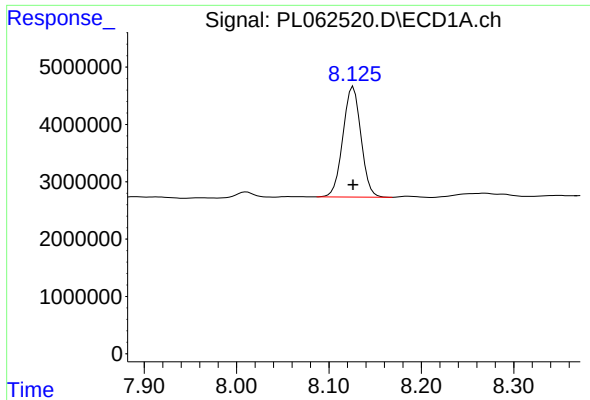
#22 Mirex

R.T.: 7.256 min  
Delta R.T.: 0.000 min  
Response: 64546626  
Conc: 45.53 ng/ml



#22 Mirex

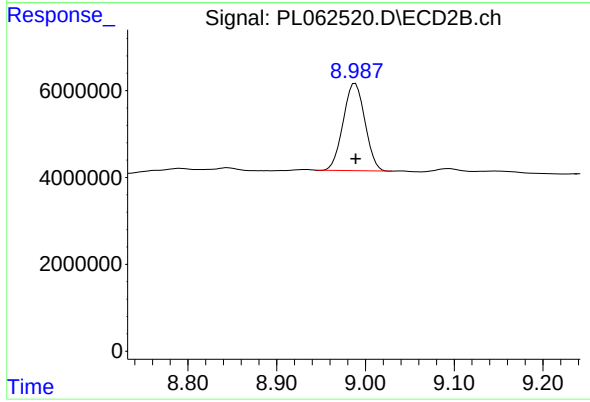
R.T.: 8.120 min  
Delta R.T.: -0.001 min  
Response: 80549268  
Conc: 47.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.126 min  
Delta R.T.: 0.000 min  
Response: 26159002  
Conc: 16.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11998MSD



#28 Decachlorobiphenyl

R.T.: 8.989 min  
Delta R.T.: 0.000 min  
Response: 34183777  
Conc: 16.33 ng/ml