

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102920\  
 Data File : PL062694.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Oct 2020 16:46  
 Operator : DD\AJ  
 Sample : L4531-04MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 COMP-A-B-CMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 30 01:18:57 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 | 3.952 | 37390467 | 64029394 | 21.738 | 21.788 |
| 28)                         | SA Decachlor... | 8.130 | 8.996 | 34975224 | 47381342 | 21.801 | 22.638 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.845 | 4.339 | 141.9E6  | 253.3E6  | 55.636 | 57.016 |
| 3)                          | MA gamma-BHC... | 4.124 | 4.622 | 126.9E6  | 233.2E6  | 54.798 | 55.838 |
| 4)                          | MA Heptachlor   | 4.421 | 5.128 | 113.9E6  | 206.4E6  | 53.072 | 51.760 |
| 5)                          | MB Aldrin       | 4.666 | 5.431 | 103.7E6  | 192.5E6  | 54.316 | 53.182 |
| 6)                          | B beta-BHC      | 4.373 | 4.793 | 51853505 | 92870752 | 54.286 | 49.320 |
| 7)                          | B delta-BHC     | 4.574 | 5.008 | 118.2E6  | 199.9E6  | 54.411 | 57.128 |
| 8)                          | B Heptachlo...  | 5.105 | 5.817 | 100.1E6  | 171.9E6  | 54.838 | 53.076 |
| 9)                          | A Endosulfan I  | 5.440 | 6.173 | 88993328 | 152.4E6  | 53.238 | 48.322 |
| 10)                         | B gamma-Chl...  | 5.331 | 6.051 | 97200926 | 166.0E6  | 53.953 | 49.307 |
| 11)                         | B alpha-Chl...  | 5.388 | 6.123 | 96858433 | 167.3E6  | 53.579 | 49.667 |
| 12)                         | B 4,4'-DDE      | 5.554 | 6.281 | 89948716 | 151.5E6  | 54.368 | 47.026 |
| 13)                         | MA Dieldrin     | 5.681 | 6.429 | 95824536 | 156.5E6  | 54.231 | 48.904 |
| 14)                         | MA Endrin       | 5.936 | 6.646 | 84340514 | 130.6E6  | 50.692 | 46.789 |
| 15)                         | B Endosulfa...  | 6.209 | 6.855 | 81774669 | 129.0E6  | 49.601 | 45.135 |
| 16)                         | A 4,4'-DDD      | 6.065 | 6.771 | 76295894 | 135.3E6  | 53.939 | 52.840 |
| 17)                         | MA 4,4'-DDT     | 6.304 | 7.070 | 65607383 | 104.2E6  | 49.160 | 46.418 |
| 18)                         | B Endrin al...  | 6.376 | 6.980 | 67218536 | 103.7E6  | 46.291 | 45.478 |
| 19)                         | B Endosulfa...  | 6.588 | 7.204 | 78394771 | 117.1E6  | 47.505 | 48.825 |
| 20)                         | A Methoxychlor  | 6.848 | 7.529 | 39443191 | 57812151 | 45.795 | 46.792 |
| 21)                         | B Endrin ke...  | 7.074 | 7.672 | 90400037 | 126.5E6  | 50.138 | 53.379 |
| 22)                         | Mirex           | 7.260 | 8.126 | 67423276 | 89025796 | 47.559 | 52.243 |
| -----                       |                 |       |       |          |          |        |        |

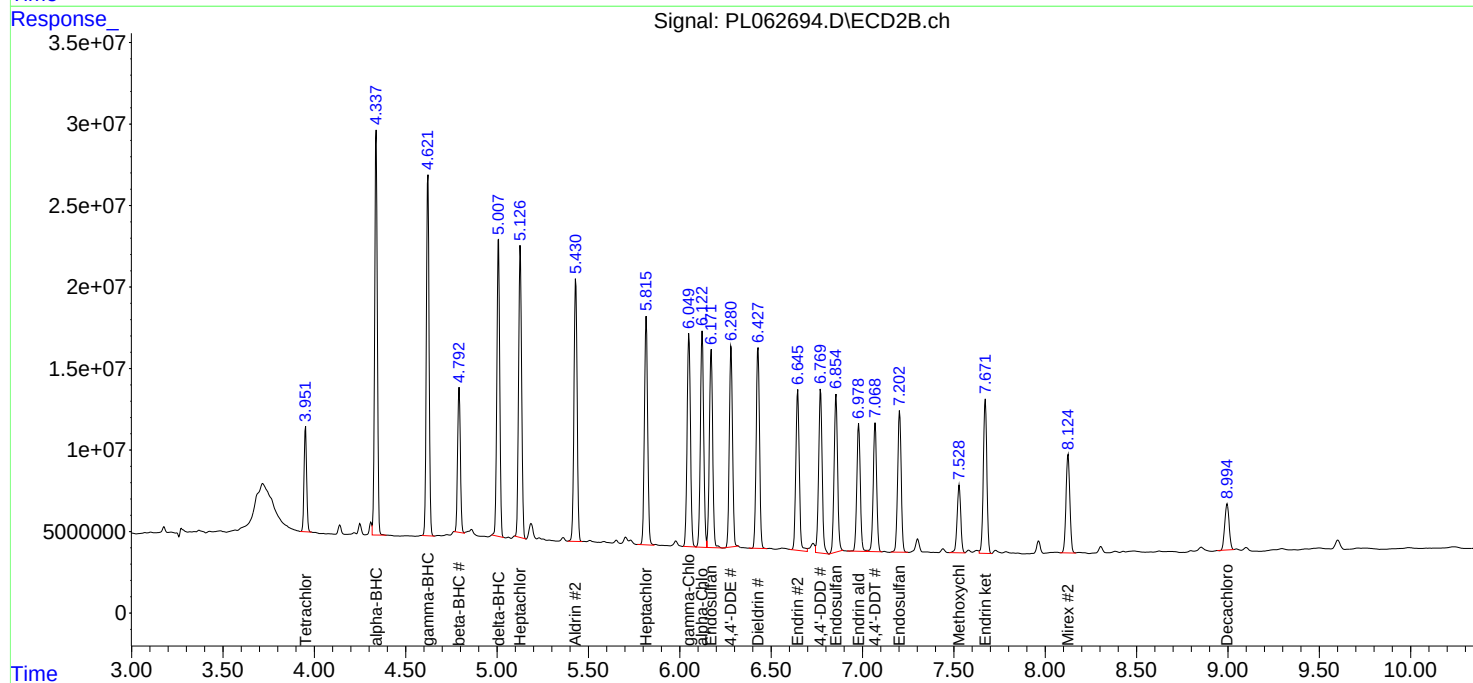
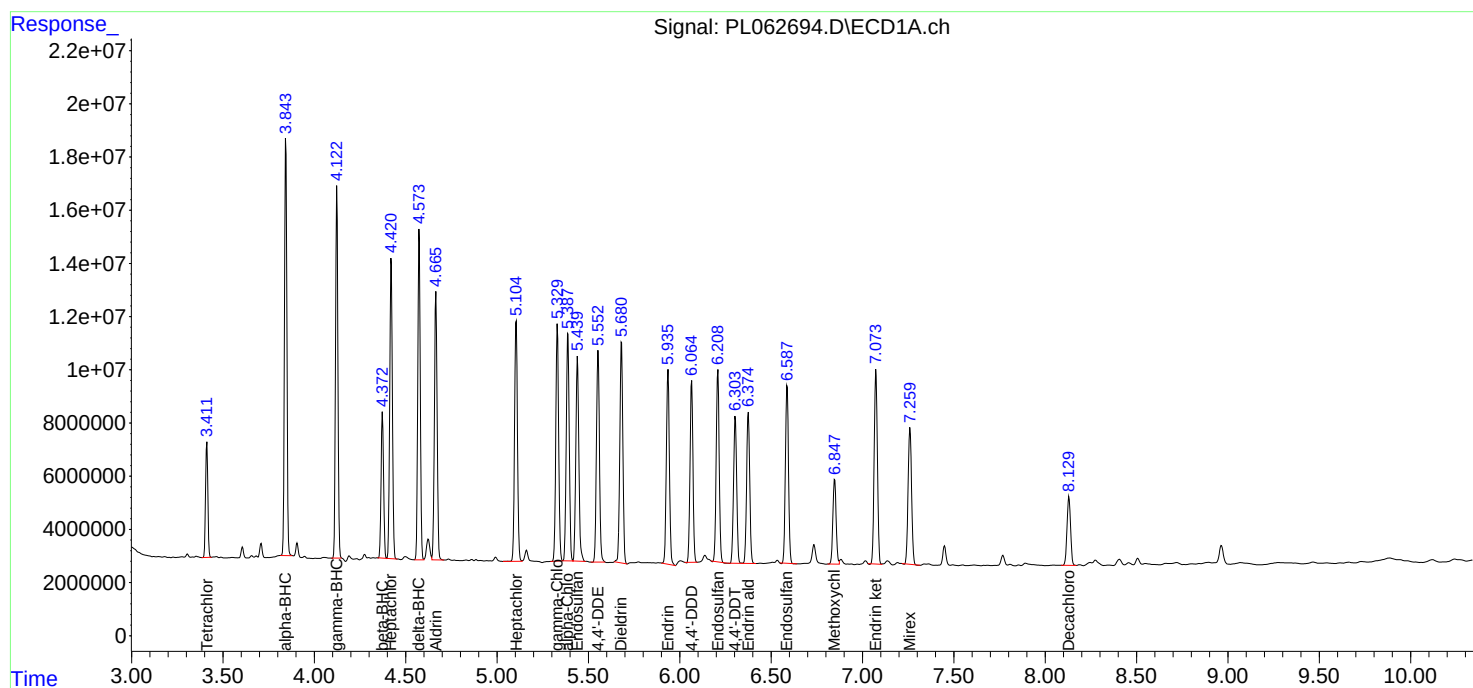
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

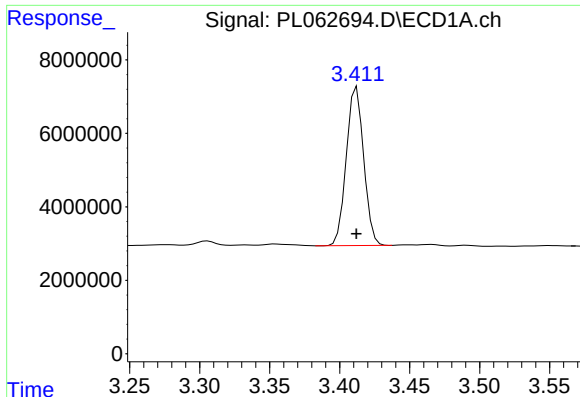
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102920\  
Data File : PL062694.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Oct 2020 16:46  
Operator : DD\AJ  
Sample : L4531-04MS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-A-B-CMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 01:18:57 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

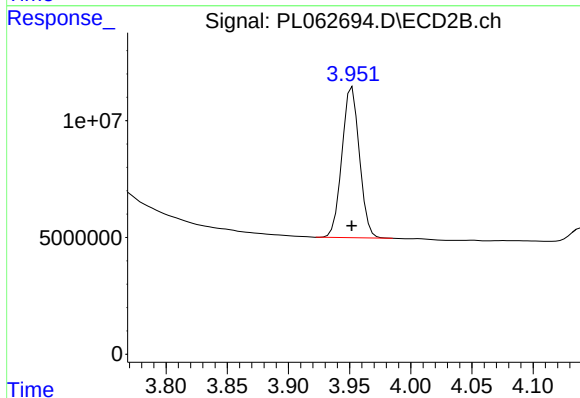




#1 Tetrachloro-m-xylene

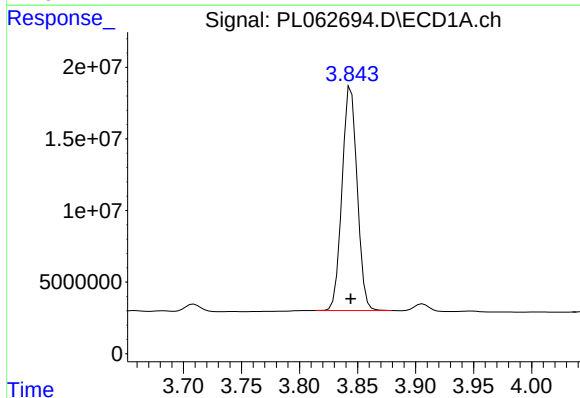
R.T.: 3.412 min  
Delta R.T.: 0.000 min  
Response: 37390467  
Conc: 21.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-A-B-CMS



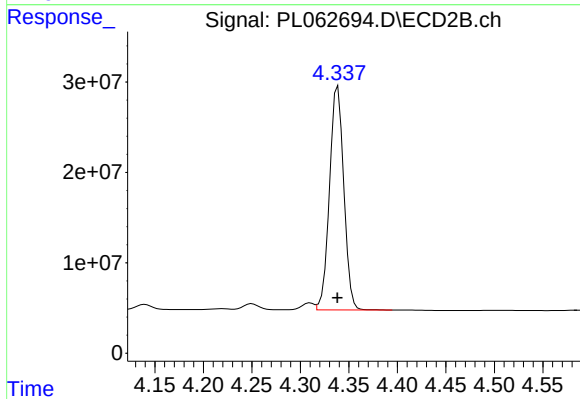
#1 Tetrachloro-m-xylene

R.T.: 3.952 min  
Delta R.T.: 0.000 min  
Response: 64029394  
Conc: 21.79 ng/ml



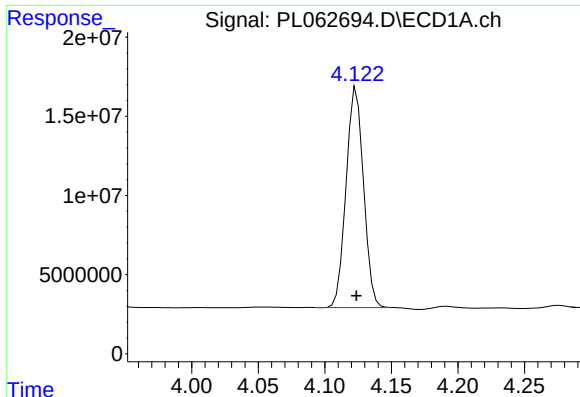
#2 alpha-BHC

R.T.: 3.845 min  
Delta R.T.: 0.000 min  
Response: 141855700  
Conc: 55.64 ng/ml



#2 alpha-BHC

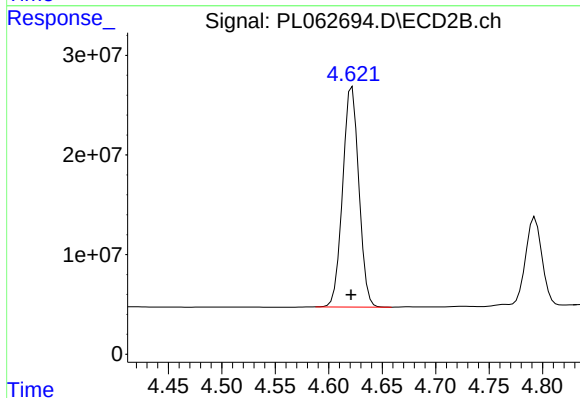
R.T.: 4.339 min  
Delta R.T.: 0.000 min  
Response: 253333874  
Conc: 57.02 ng/ml



#3 gamma-BHC (Lindane)

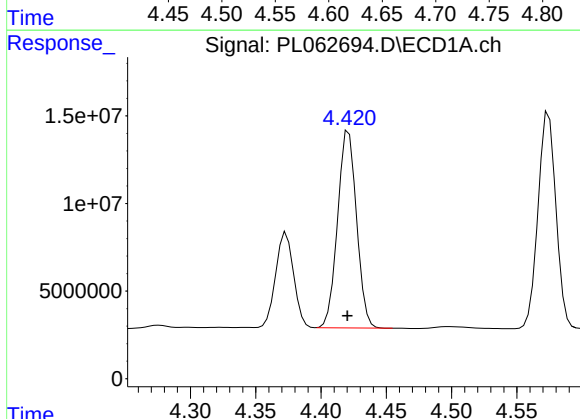
R.T.: 4.124 min  
Delta R.T.: 0.000 min  
Response: 126949126  
Conc: 54.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-A-B-CMS



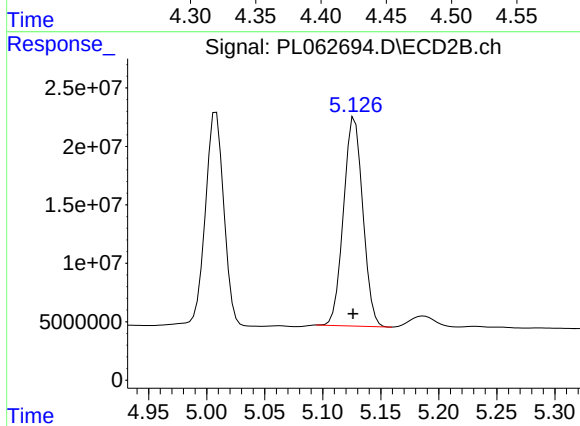
#3 gamma-BHC (Lindane)

R.T.: 4.622 min  
Delta R.T.: 0.001 min  
Response: 233162870  
Conc: 55.84 ng/ml



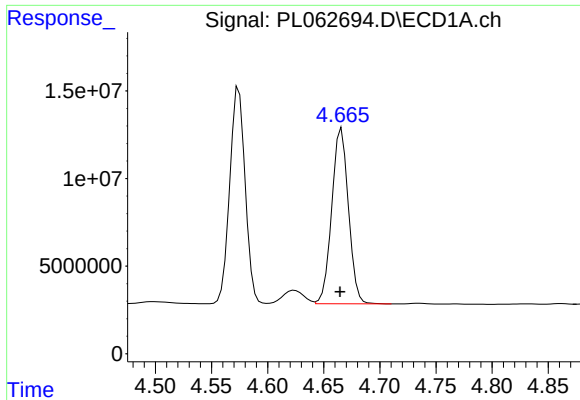
#4 Heptachlor

R.T.: 4.421 min  
Delta R.T.: 0.001 min  
Response: 113880634  
Conc: 53.07 ng/ml



#4 Heptachlor

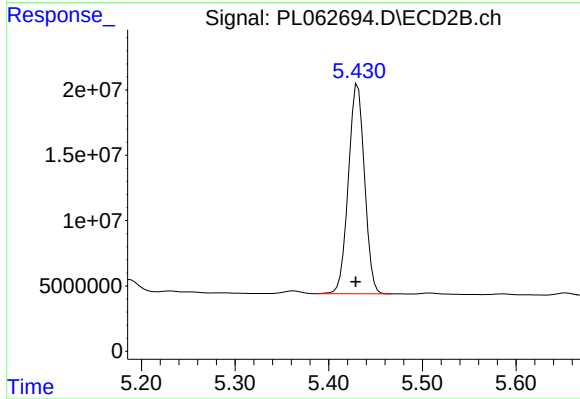
R.T.: 5.128 min  
Delta R.T.: 0.001 min  
Response: 206416004  
Conc: 51.76 ng/ml



#5 Aldrin

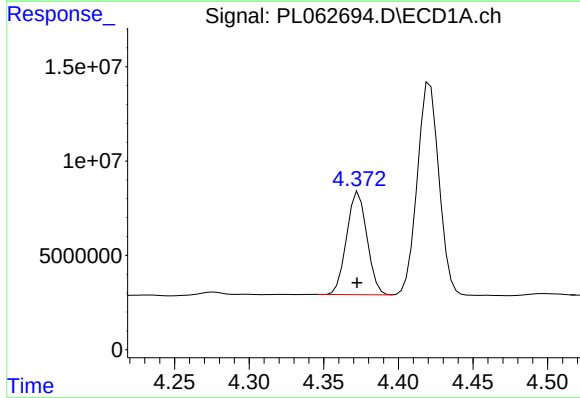
R.T.: 4.666 min  
Delta R.T.: 0.001 min  
Response: 103676125  
Conc: 54.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-A-B-CMS



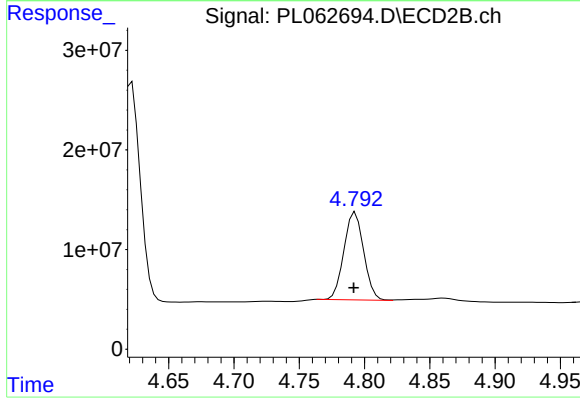
#5 Aldrin

R.T.: 5.431 min  
Delta R.T.: 0.002 min  
Response: 192492684  
Conc: 53.18 ng/ml



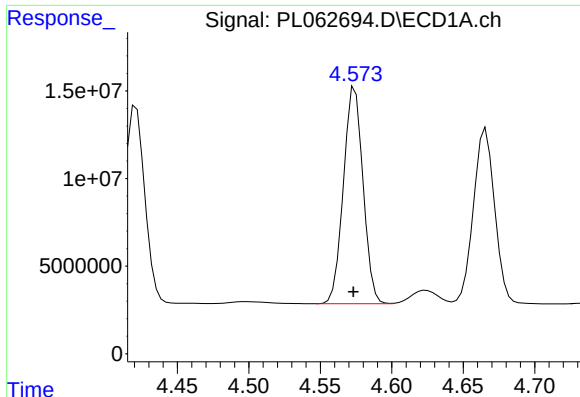
#6 beta-BHC

R.T.: 4.373 min  
Delta R.T.: 0.000 min  
Response: 51853505  
Conc: 54.29 ng/ml



#6 beta-BHC

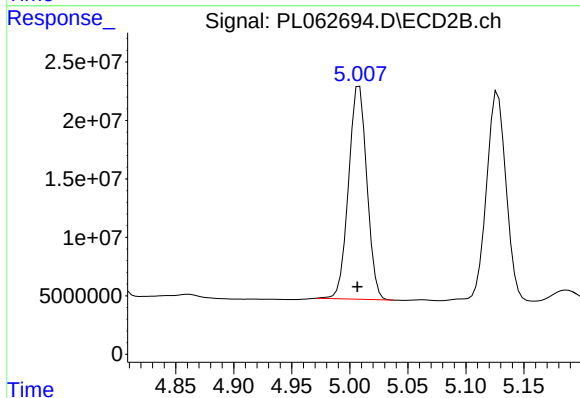
R.T.: 4.793 min  
Delta R.T.: 0.001 min  
Response: 92870752  
Conc: 49.32 ng/ml



#7 delta-BHC

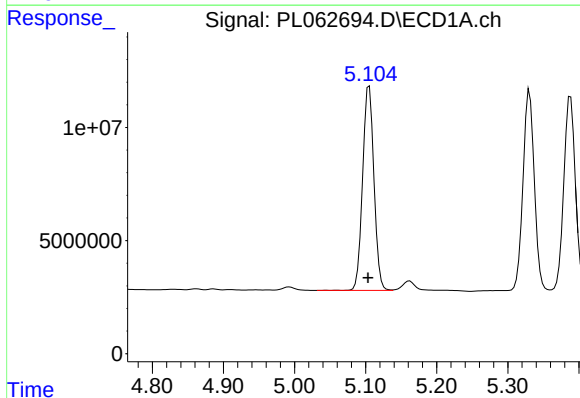
R.T.: 4.574 min  
Delta R.T.: 0.001 min  
Response: 118247622  
Conc: 54.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-A-B-CMS



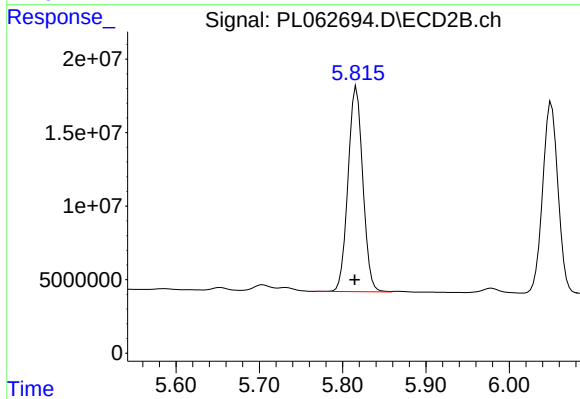
#7 delta-BHC

R.T.: 5.008 min  
Delta R.T.: 0.002 min  
Response: 199916553  
Conc: 57.13 ng/ml



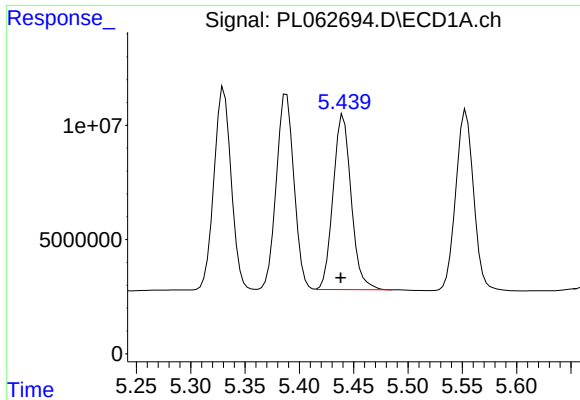
#8 Heptachlor epoxide

R.T.: 5.105 min  
Delta R.T.: 0.002 min  
Response: 100056705  
Conc: 54.84 ng/ml



#8 Heptachlor epoxide

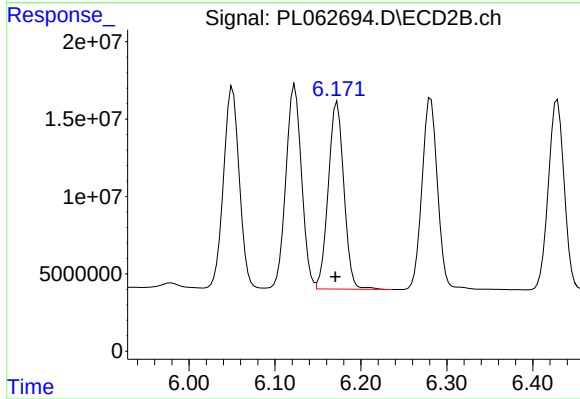
R.T.: 5.817 min  
Delta R.T.: 0.002 min  
Response: 171891434  
Conc: 53.08 ng/ml



#9 Endosulfan I

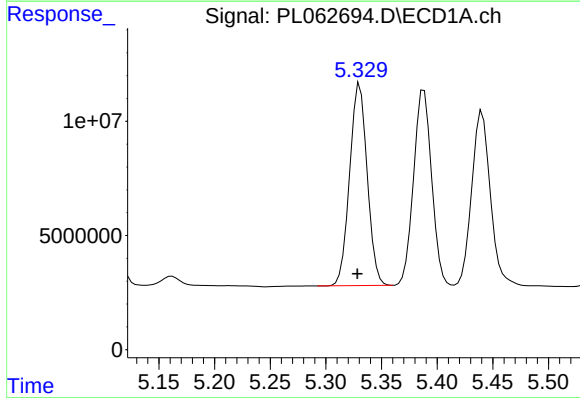
R.T.: 5.440 min  
Delta R.T.: 0.003 min  
Response: 88993328  
Conc: 53.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-A-B-CMS



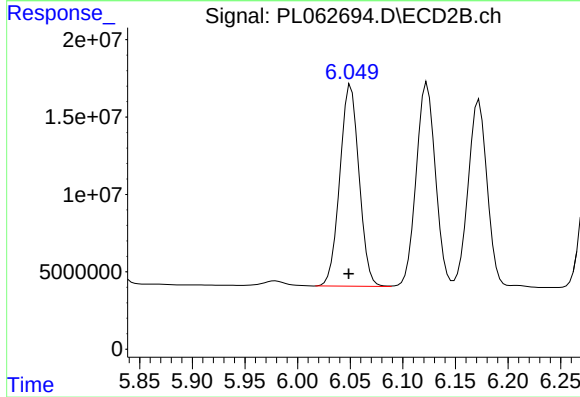
#9 Endosulfan I

R.T.: 6.173 min  
Delta R.T.: 0.002 min  
Response: 152399535  
Conc: 48.32 ng/ml



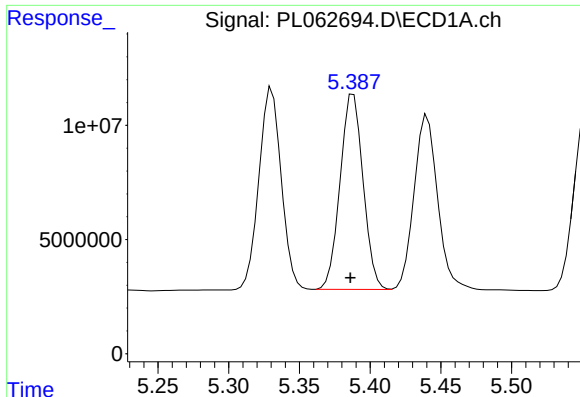
#10 gamma-Chlordane

R.T.: 5.331 min  
Delta R.T.: 0.002 min  
Response: 97200926  
Conc: 53.95 ng/ml



#10 gamma-Chlordane

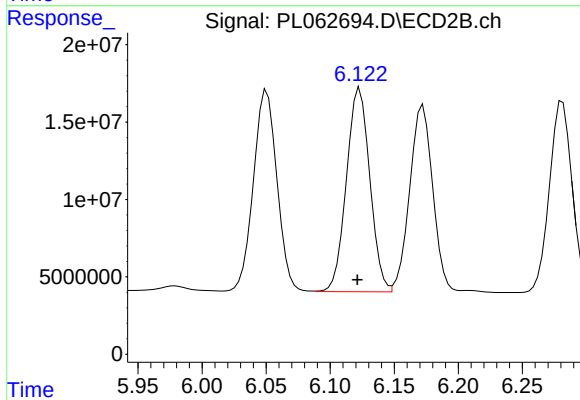
R.T.: 6.051 min  
Delta R.T.: 0.002 min  
Response: 165985765  
Conc: 49.31 ng/ml



#11 alpha-Chlordane

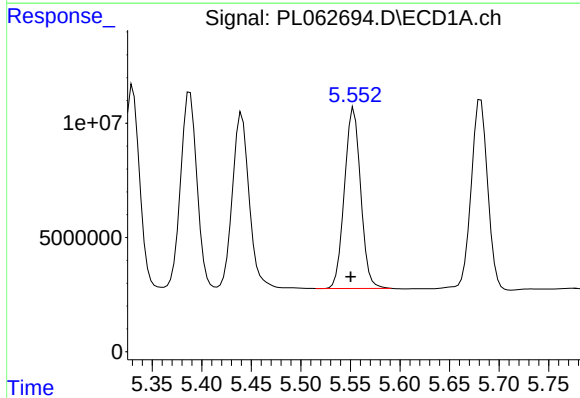
R.T.: 5.388 min  
Delta R.T.: 0.002 min  
Response: 96858433  
Conc: 53.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-A-B-CMS



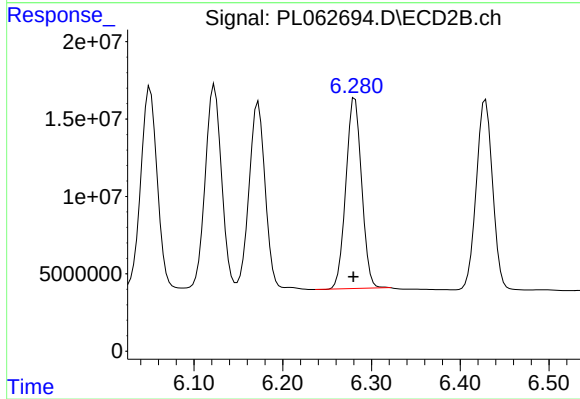
#11 alpha-Chlordane

R.T.: 6.123 min  
Delta R.T.: 0.002 min  
Response: 167323680  
Conc: 49.67 ng/ml



#12 4,4'-DDE

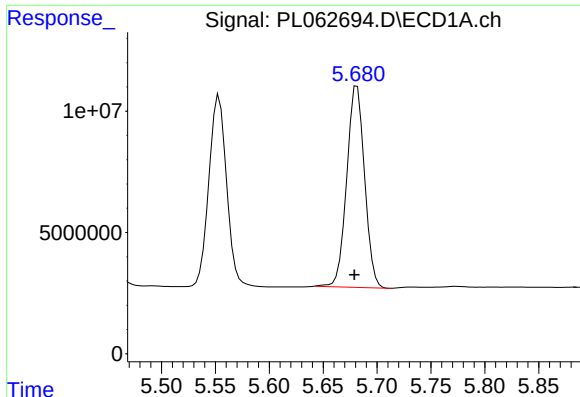
R.T.: 5.554 min  
Delta R.T.: 0.003 min  
Response: 89948716  
Conc: 54.37 ng/ml



#12 4,4'-DDE

R.T.: 6.281 min  
Delta R.T.: 0.002 min  
Response: 151519107  
Conc: 47.03 ng/ml

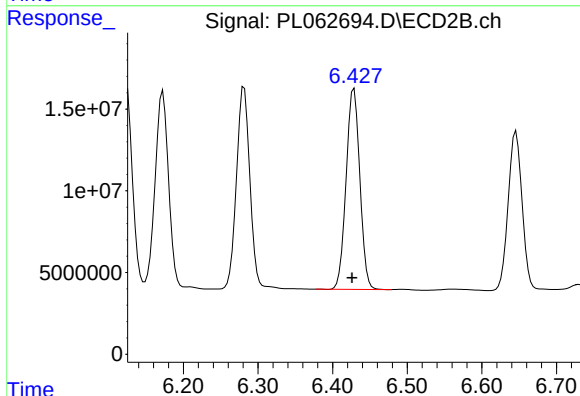




#13 Dieldrin

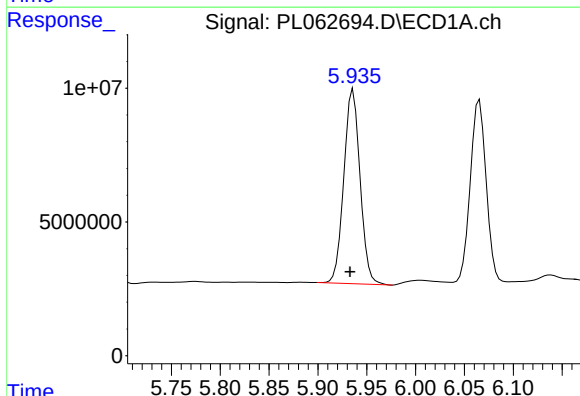
R.T.: 5.681 min  
Delta R.T.: 0.003 min  
Response: 95824536  
Conc: 54.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-A-B-CMS



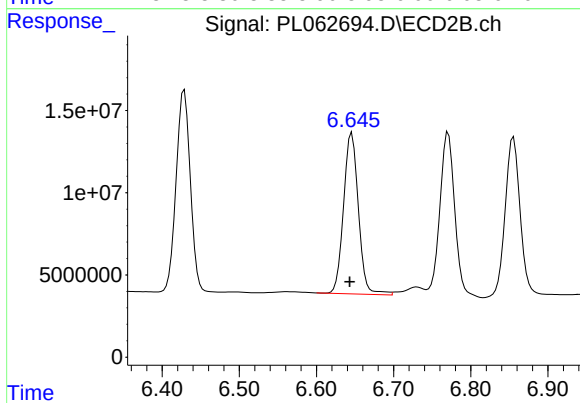
#13 Dieldrin

R.T.: 6.429 min  
Delta R.T.: 0.002 min  
Response: 156535051  
Conc: 48.90 ng/ml



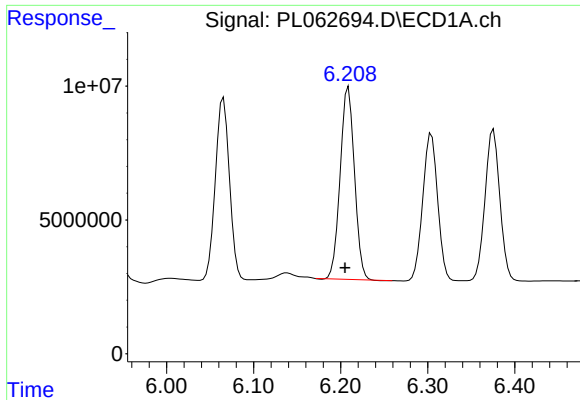
#14 Endrin

R.T.: 5.936 min  
Delta R.T.: 0.003 min  
Response: 84340514  
Conc: 50.69 ng/ml



#14 Endrin

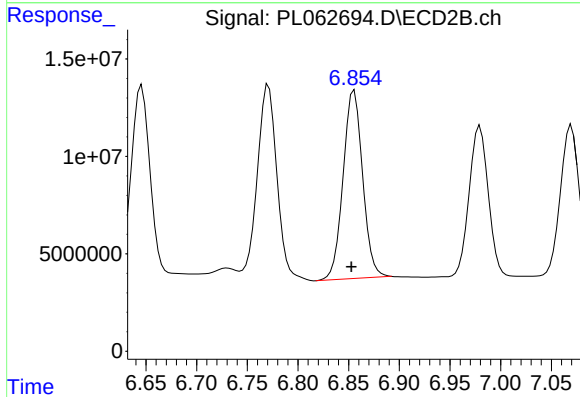
R.T.: 6.646 min  
Delta R.T.: 0.003 min  
Response: 130592376  
Conc: 46.79 ng/ml



#15 Endosulfan II

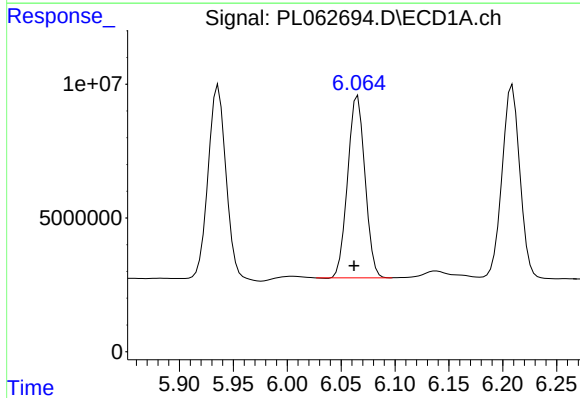
R.T.: 6.209 min  
Delta R.T.: 0.004 min  
Response: 81774669  
Conc: 49.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-A-B-CMS



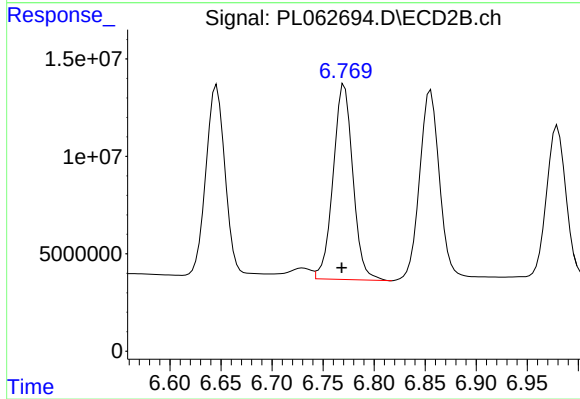
#15 Endosulfan II

R.T.: 6.855 min  
Delta R.T.: 0.003 min  
Response: 129025484  
Conc: 45.14 ng/ml



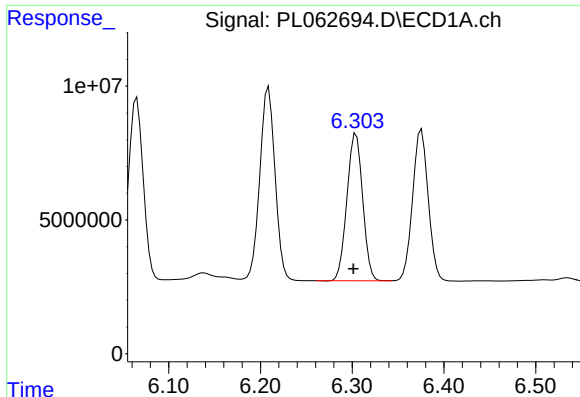
#16 4,4'-DDD

R.T.: 6.065 min  
Delta R.T.: 0.003 min  
Response: 76295894  
Conc: 53.94 ng/ml



#16 4,4'-DDD

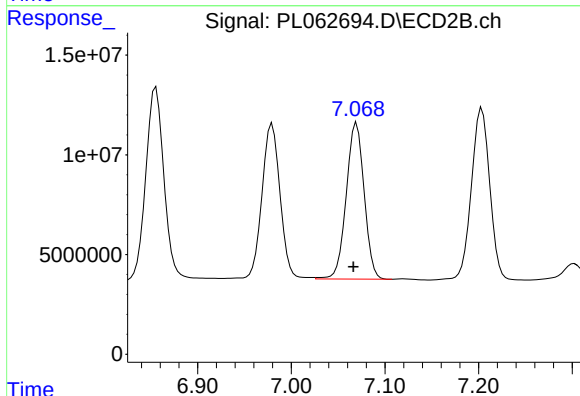
R.T.: 6.771 min  
Delta R.T.: 0.002 min  
Response: 135268705  
Conc: 52.84 ng/ml



#17 4,4'-DDT

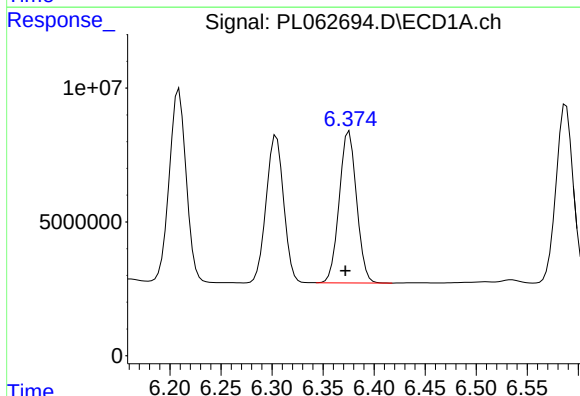
R.T.: 6.304 min  
Delta R.T.: 0.003 min  
Response: 65607383  
Conc: 49.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-A-B-CMS



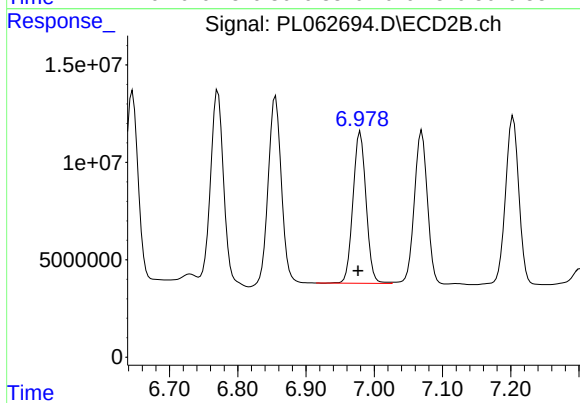
#17 4,4'-DDT

R.T.: 7.070 min  
Delta R.T.: 0.004 min  
Response: 104219814  
Conc: 46.42 ng/ml



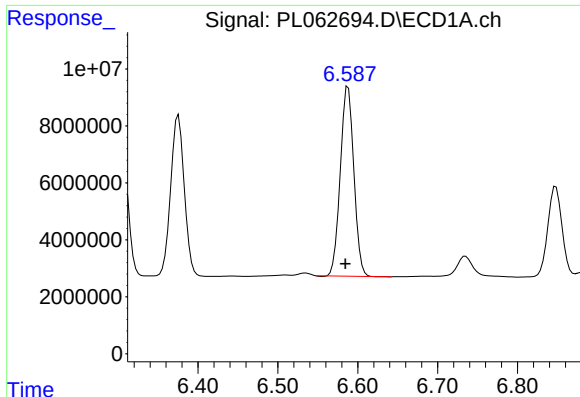
#18 Endrin aldehyde

R.T.: 6.376 min  
Delta R.T.: 0.004 min  
Response: 67218536  
Conc: 46.29 ng/ml



#18 Endrin aldehyde

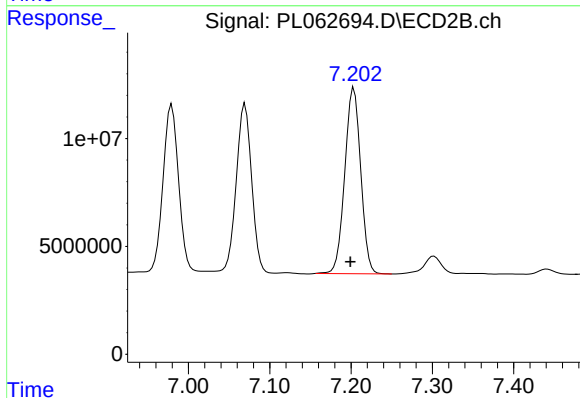
R.T.: 6.980 min  
Delta R.T.: 0.003 min  
Response: 103716327  
Conc: 45.48 ng/ml



#19 Endosulfan Sulfate

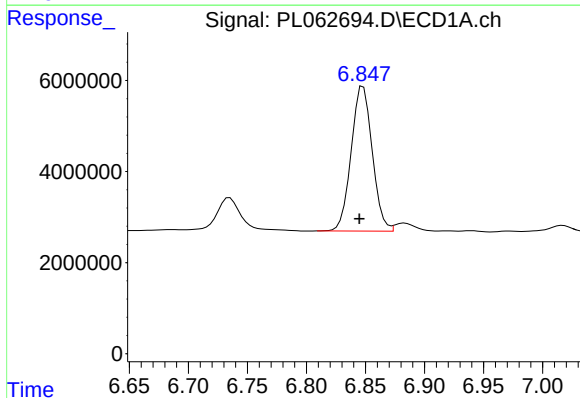
R.T.: 6.588 min  
Delta R.T.: 0.003 min  
Response: 78394771  
Conc: 47.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-A-B-CMS



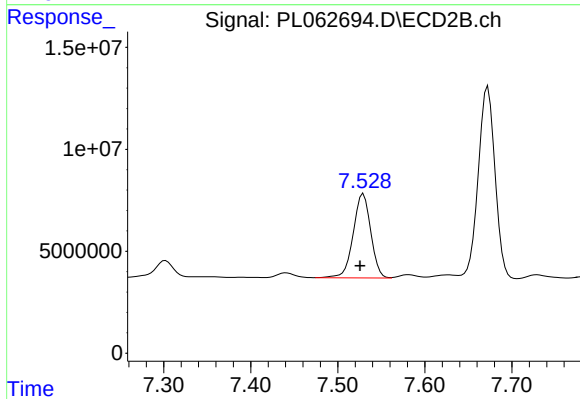
#19 Endosulfan Sulfate

R.T.: 7.204 min  
Delta R.T.: 0.004 min  
Response: 117141578  
Conc: 48.82 ng/ml



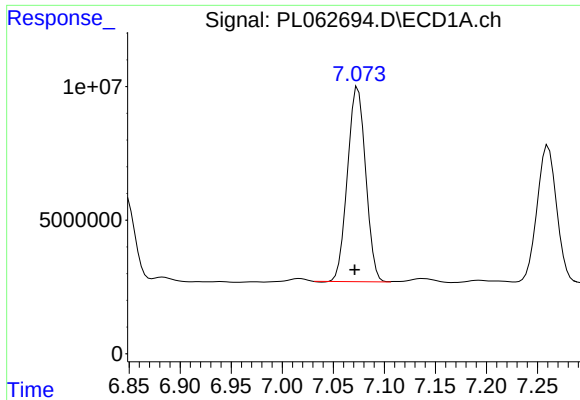
#20 Methoxychlor

R.T.: 6.848 min  
Delta R.T.: 0.003 min  
Response: 39443191  
Conc: 45.80 ng/ml



#20 Methoxychlor

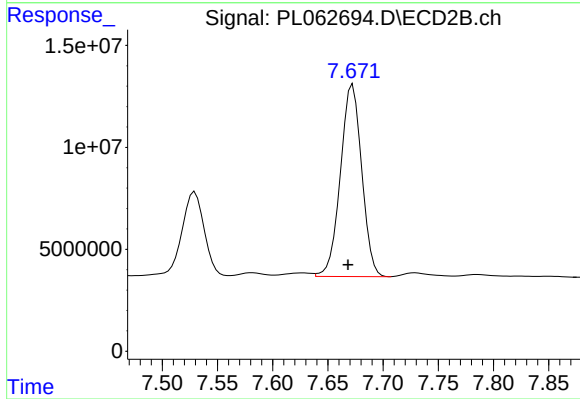
R.T.: 7.529 min  
Delta R.T.: 0.004 min  
Response: 57812151  
Conc: 46.79 ng/ml



#21 Endrin ketone

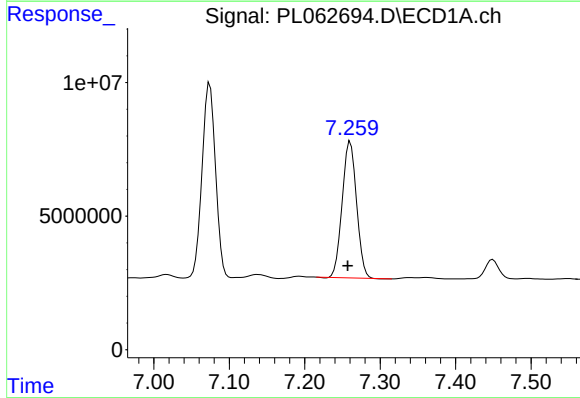
R.T.: 7.074 min  
Delta R.T.: 0.003 min  
Response: 90400037  
Conc: 50.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-A-B-CMS



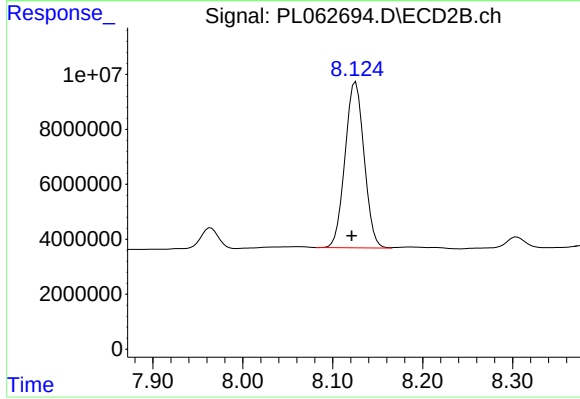
#21 Endrin ketone

R.T.: 7.672 min  
Delta R.T.: 0.004 min  
Response: 126498292  
Conc: 53.38 ng/ml



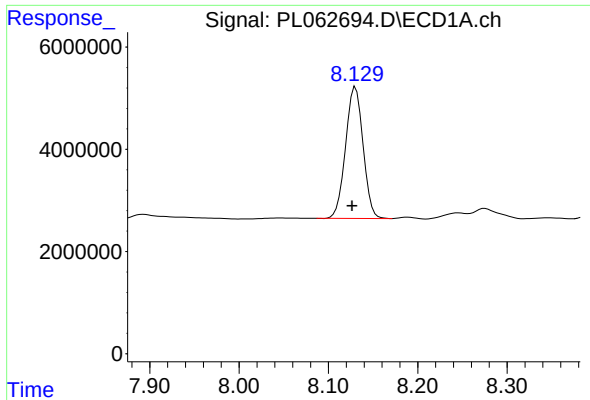
#22 Mirex

R.T.: 7.260 min  
Delta R.T.: 0.003 min  
Response: 67423276  
Conc: 47.56 ng/ml



#22 Mirex

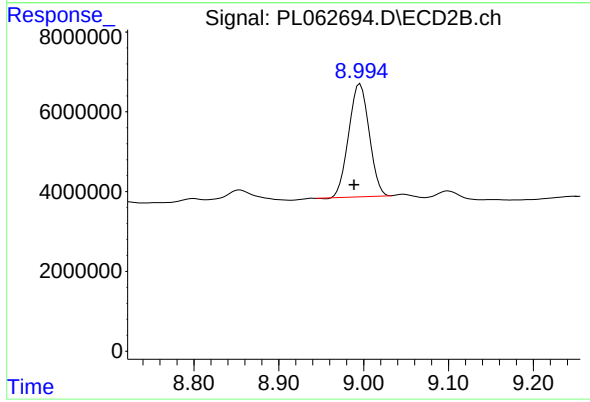
R.T.: 8.126 min  
Delta R.T.: 0.005 min  
Response: 89025796  
Conc: 52.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.130 min  
Delta R.T.: 0.004 min  
Response: 34975224  
Conc: 21.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-A-B-CMS



#28 Decachlorobiphenyl

R.T.: 8.996 min  
Delta R.T.: 0.007 min  
Response: 47381342  
Conc: 22.64 ng/ml