

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103021\  
 Data File : PL070681.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Oct 2021 17:34  
 Operator : AR\AJ  
 Sample : PB140346BSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB140346BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 01 01:33:00 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102921.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 29 09:09:01 2021  
 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... | 4.584  | 5.519  | 9124935  | 28435711 | 20.237 | 20.442 |
| 28)                         | SA Decachlor... | 10.348 | 11.421 | 12693882 | 29503585 | 21.263 | 20.638 |
| Target Compounds            |                 |        |        |          |          |        |        |
| 2)                          | A alpha-BHC     | 5.290  | 6.100  | 33514964 | 110.1E6  | 52.251 | 51.950 |
| 3)                          | MA gamma-BHC... | 5.713  | 6.495  | 31990233 | 103.2E6  | 51.356 | 51.884 |
| 4)                          | MA Heptachlor   | 6.121  | 7.143  | 33079722 | 104.6E6  | 49.119 | 51.139 |
| 5)                          | MB Aldrin       | 6.446  | 7.514  | 29889632 | 96905708 | 50.496 | 51.193 |
| 6)                          | B beta-BHC      | 6.094  | 6.751  | 15523771 | 48273465 | 49.043 | 48.548 |
| 7)                          | B delta-BHC     | 6.354  | 7.018  | 31439326 | 109.7E6  | 51.574 | 48.444 |
| 8)                          | B Heptachlo...  | 7.022  | 7.980  | 29701346 | 91341842 | 49.632 | 52.274 |
| 9)                          | A Endosulfan I  | 7.424  | 8.386  | 27992895 | 84835029 | 49.774 | 50.358 |
| 10)                         | B gamma-Chl...  | 7.299  | 8.250  | 30349588 | 91953998 | 50.021 | 50.556 |
| 11)                         | B alpha-Chl...  | 7.369  | 8.331  | 30144845 | 90132213 | 49.604 | 50.598 |
| 12)                         | B 4,4'-DDE      | 7.584  | 8.519  | 26734841 | 91645312 | 51.300 | 50.786 |
| 13)                         | MA Dieldrin     | 7.711  | 8.674  | 29271445 | 89098798 | 50.994 | 50.570 |
| 14)                         | MA Endrin       | 8.001  | 8.914  | 26964893 | 74622247 | 50.211 | 49.275 |
| 15)                         | B Endosulfa...  | 8.313  | 9.148  | 27520589 | 75958547 | 48.204 | 50.736 |
| 16)                         | A 4,4'-DDD      | 8.169  | 9.059  | 23650914 | 78434749 | 51.837 | 48.786 |
| 17)                         | MA 4,4'-DDT     | 8.430  | 9.376  | 25433912 | 73784141 | 49.013 | 45.644 |
| 18)                         | B Endrin al...  | 8.501  | 9.283  | 24011244 | 65066994 | 56.289 | 55.253 |
| 19)                         | B Endosulfa...  | 8.732  | 9.521  | 29075936 | 75457383 | 51.585 | 50.343 |
| 20)                         | A Methoxychlor  | 9.024  | 9.863  | 16255861 | 39018532 | 48.928 | 46.608 |
| 21)                         | B Endrin ke...  | 9.250  | 10.018 | 33651699 | 82530908 | 53.059 | 50.507 |
| 22)                         | Mirex           | 9.435  | 10.483 | 28909084 | 60845069 | 50.861 | 50.878 |
| -----                       |                 |        |        |          |          |        |        |

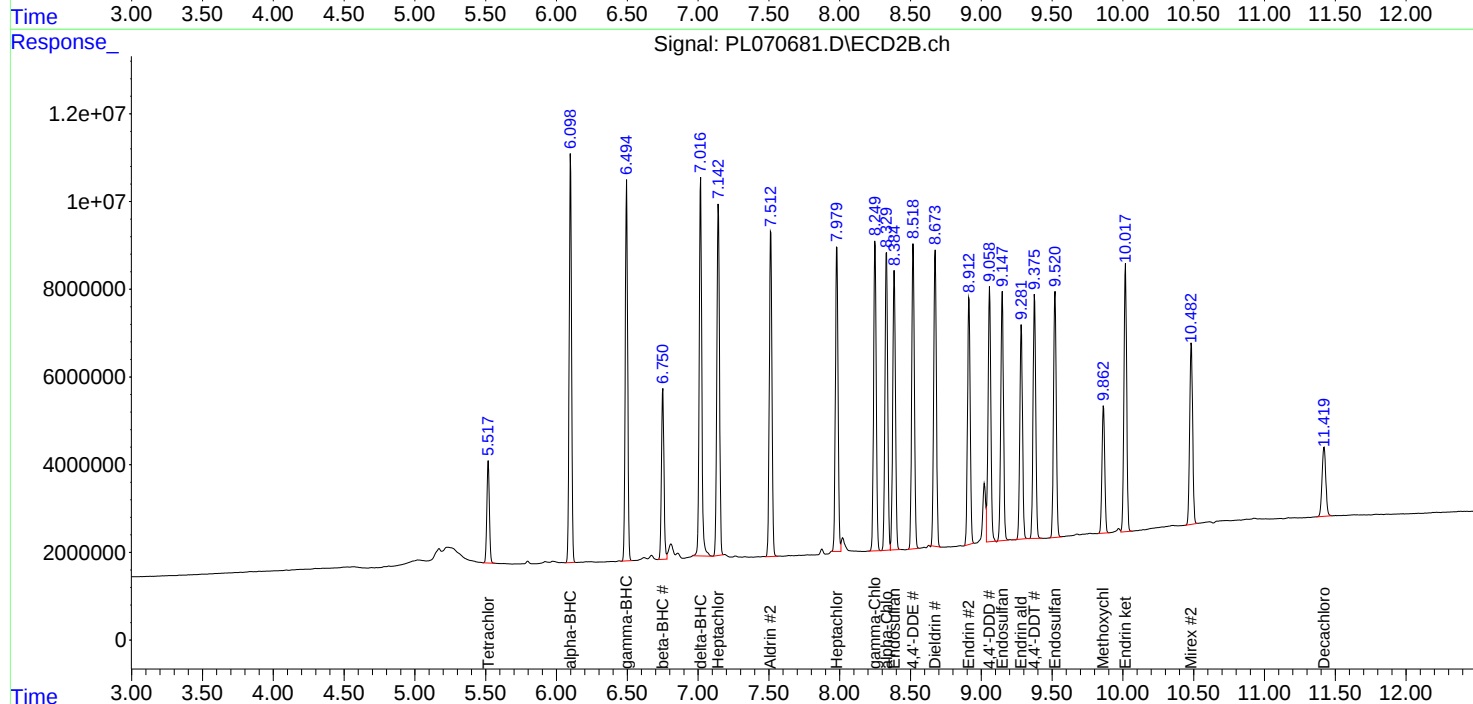
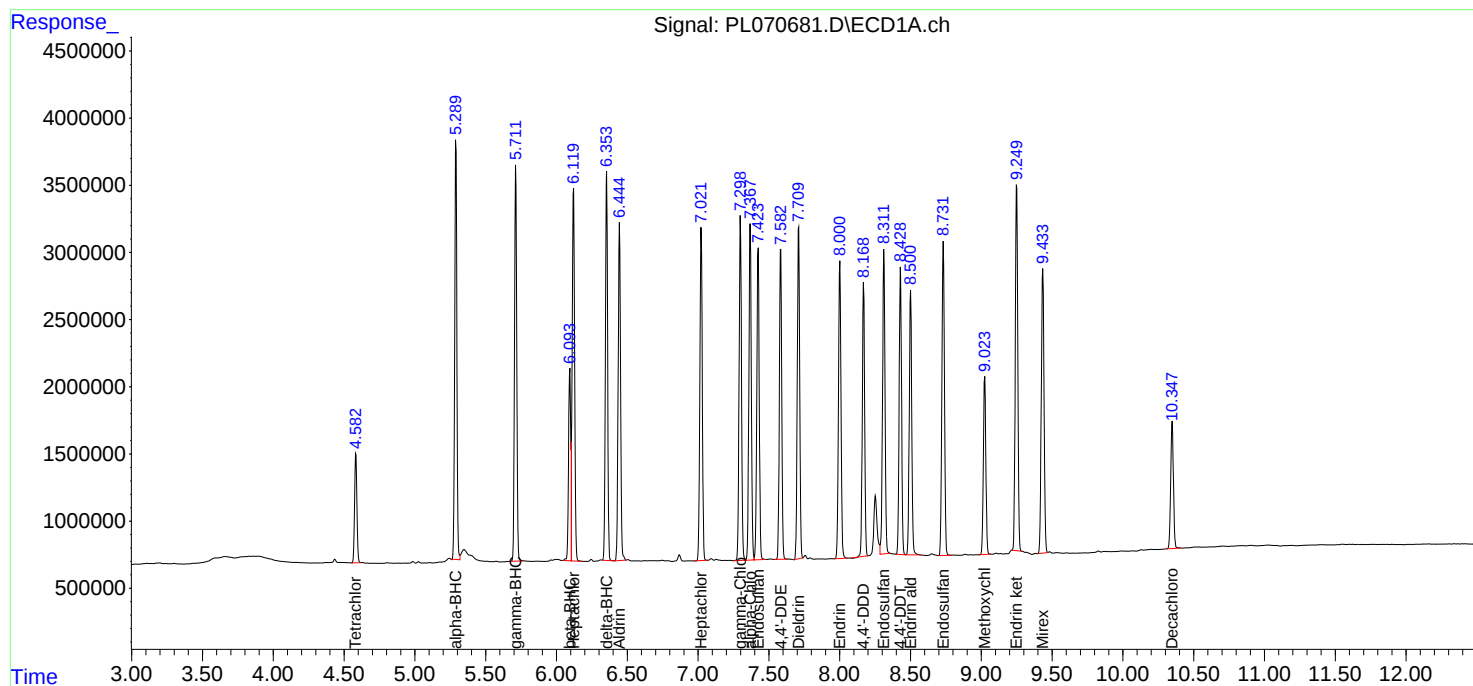
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

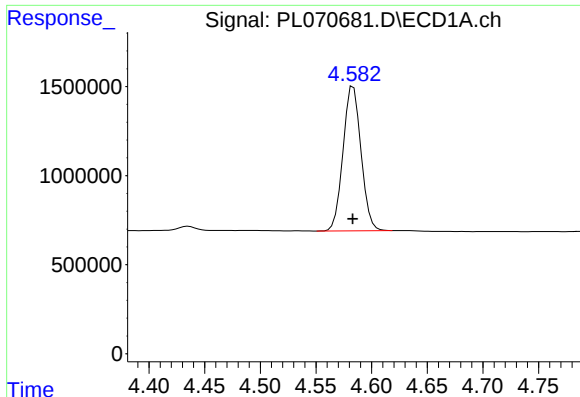
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103021\  
Data File : PL070681.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Oct 2021 17:34  
Operator : AR\AJ  
Sample : PB140346BSD  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB140346BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 01 01:33:00 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102921.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 29 09:09:01 2021  
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

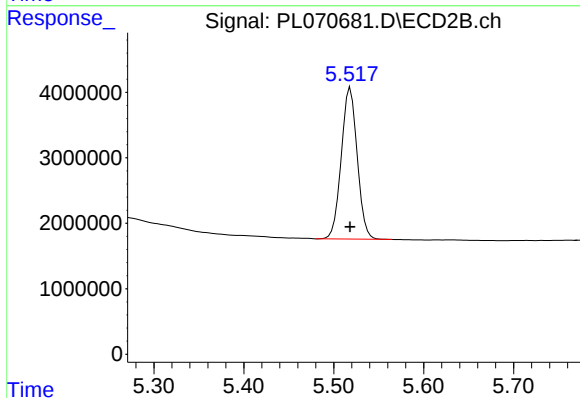




#1 Tetrachloro-m-xylene

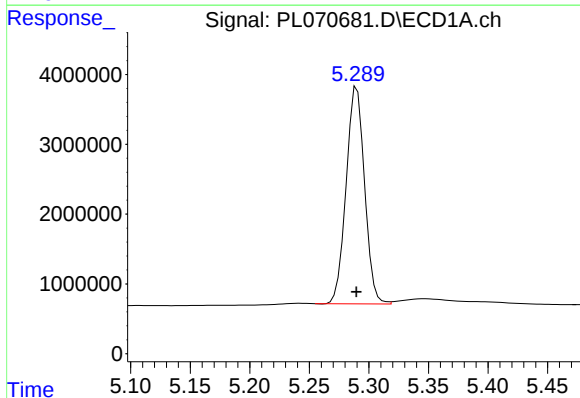
R.T.: 4.584 min  
Delta R.T.: 0.000 min  
Response: 9124935  
Conc: 20.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140346BSD



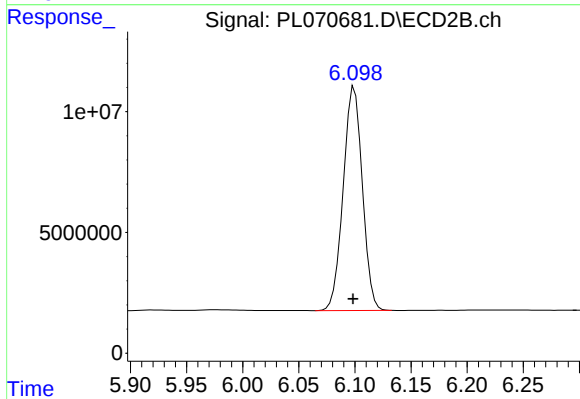
#1 Tetrachloro-m-xylene

R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 28435711  
Conc: 20.44 ng/ml



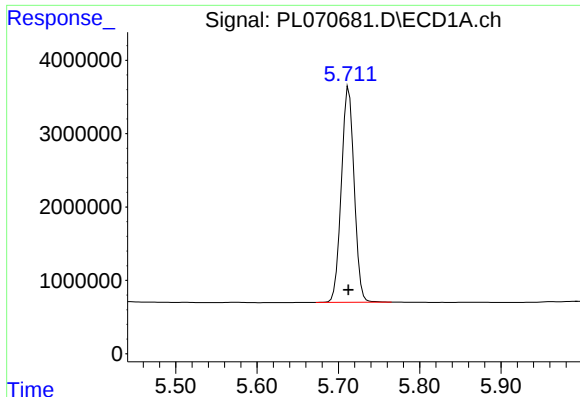
#2 alpha-BHC

R.T.: 5.290 min  
Delta R.T.: 0.000 min  
Response: 33514964  
Conc: 52.25 ng/ml



#2 alpha-BHC

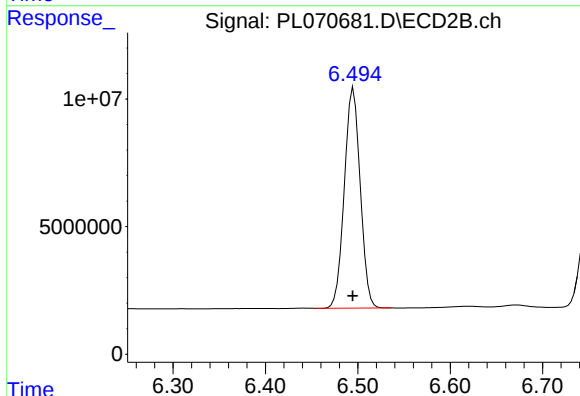
R.T.: 6.100 min  
Delta R.T.: 0.001 min  
Response: 110108640  
Conc: 51.95 ng/ml



#3 gamma-BHC (Lindane)

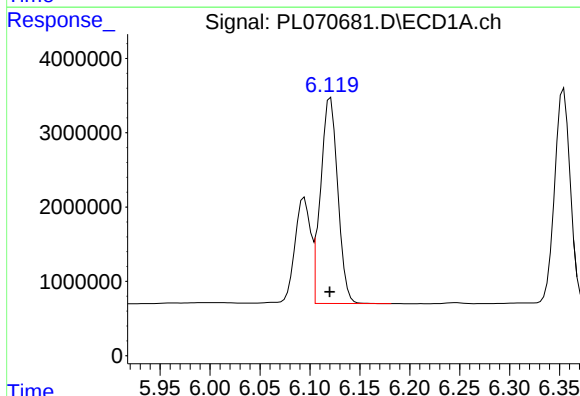
R.T.: 5.713 min  
Delta R.T.: 0.000 min  
Response: 31990233  
Conc: 51.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140346BSD



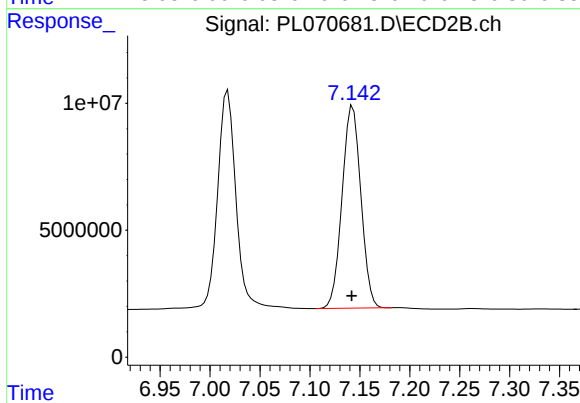
#3 gamma-BHC (Lindane)

R.T.: 6.495 min  
Delta R.T.: 0.001 min  
Response: 103179243  
Conc: 51.88 ng/ml



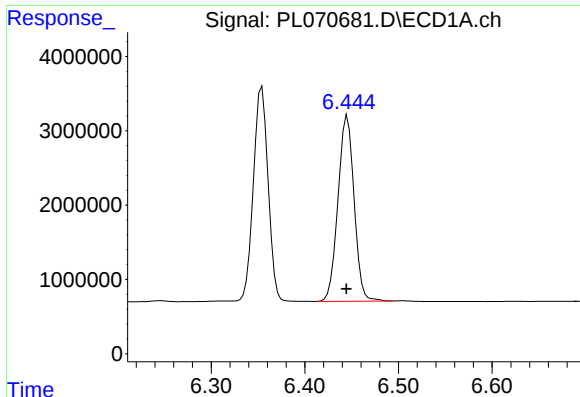
#4 Heptachlor

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 33079722  
Conc: 49.12 ng/ml



#4 Heptachlor

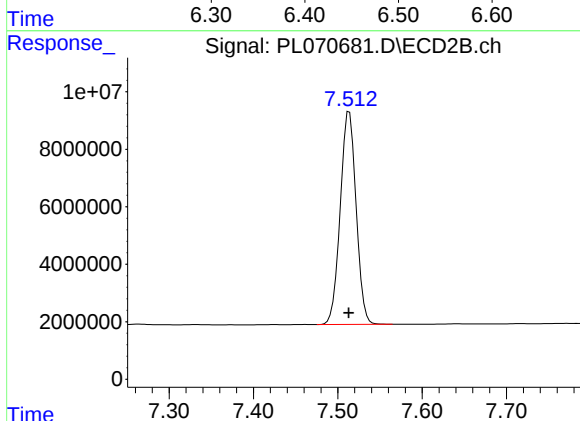
R.T.: 7.143 min  
Delta R.T.: 0.000 min  
Response: 104571532  
Conc: 51.14 ng/ml



#5 Aldrin

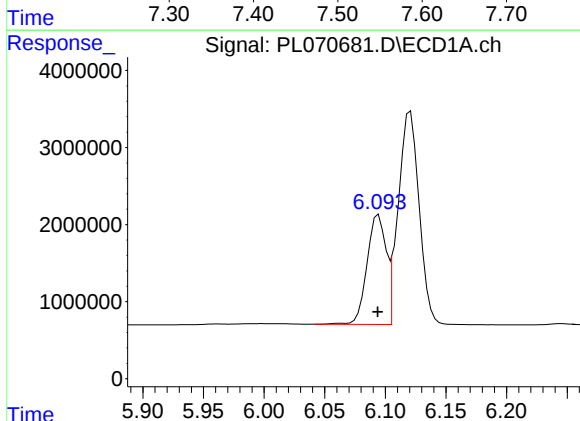
R.T.: 6.446 min  
Delta R.T.: 0.001 min  
Response: 29889632  
Conc: 50.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140346BSD



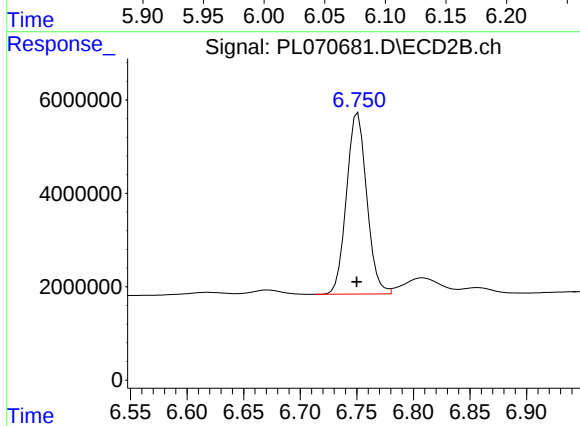
#5 Aldrin

R.T.: 7.514 min  
Delta R.T.: 0.000 min  
Response: 96905708  
Conc: 51.19 ng/ml



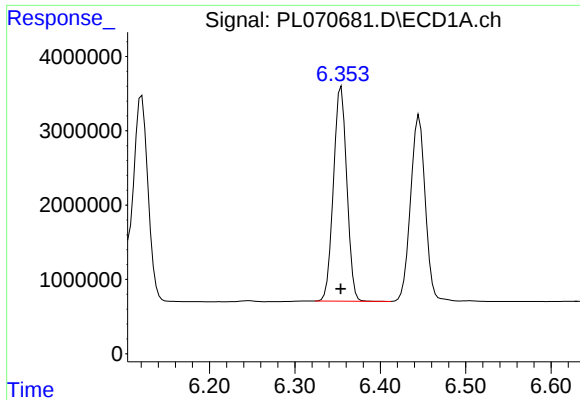
#6 beta-BHC

R.T.: 6.094 min  
Delta R.T.: 0.000 min  
Response: 15523771  
Conc: 49.04 ng/ml



#6 beta-BHC

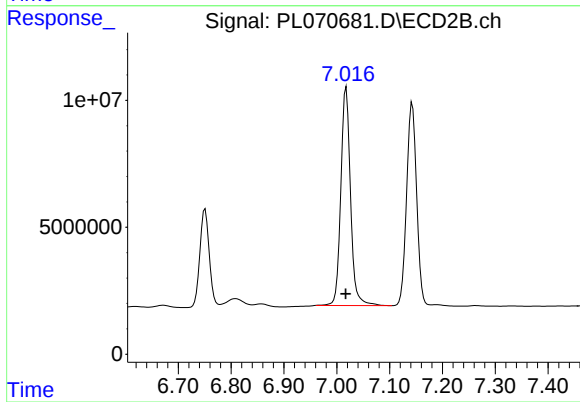
R.T.: 6.751 min  
Delta R.T.: 0.001 min  
Response: 48273465  
Conc: 48.55 ng/ml



#7 delta-BHC

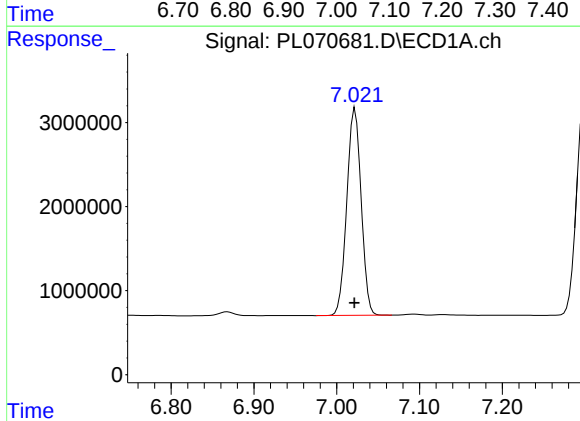
R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 31439326  
Conc: 51.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140346BSD



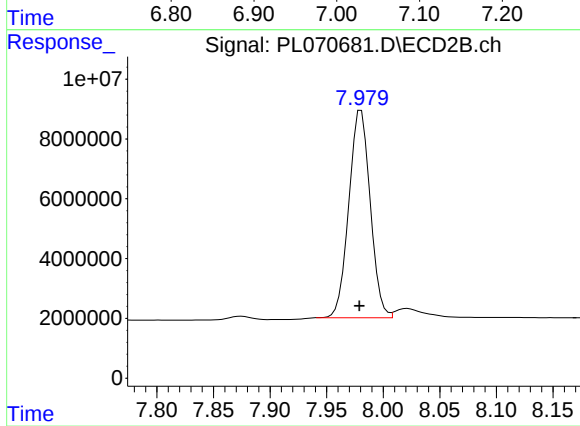
#7 delta-BHC

R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 109703661  
Conc: 48.44 ng/ml



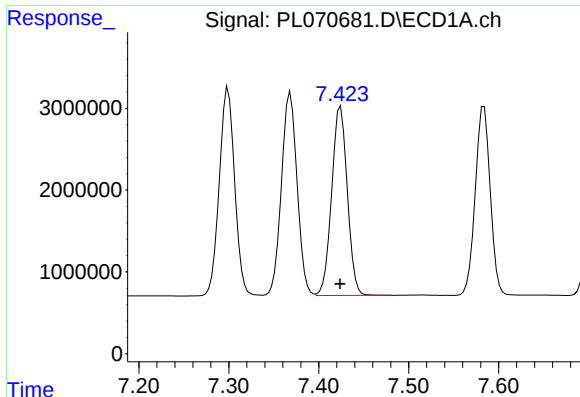
#8 Heptachlor epoxide

R.T.: 7.022 min  
Delta R.T.: 0.000 min  
Response: 29701346  
Conc: 49.63 ng/ml



#8 Heptachlor epoxide

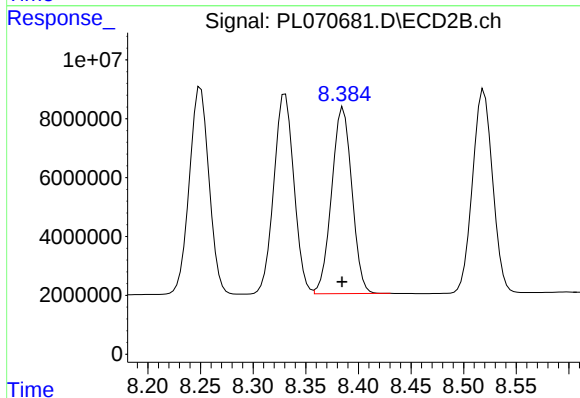
R.T.: 7.980 min  
Delta R.T.: 0.001 min  
Response: 91341842  
Conc: 52.27 ng/ml



#9 Endosulfan I

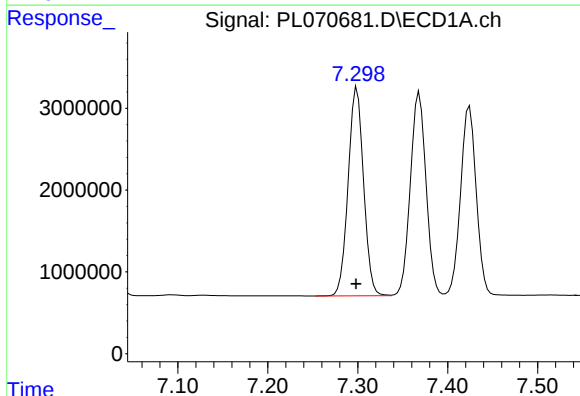
R.T.: 7.424 min  
Delta R.T.: 0.000 min  
Response: 27992895  
Conc: 49.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140346BSD



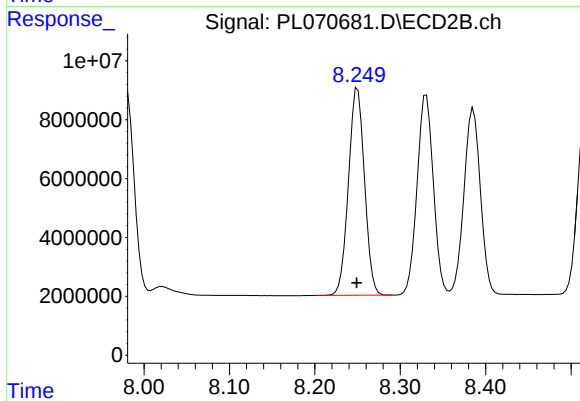
#9 Endosulfan I

R.T.: 8.386 min  
Delta R.T.: 0.001 min  
Response: 84835029  
Conc: 50.36 ng/ml



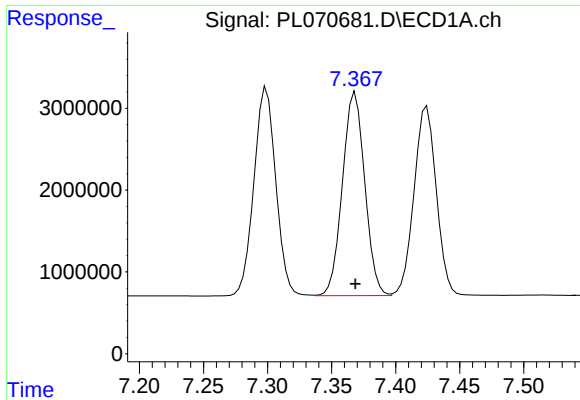
#10 gamma-Chlordane

R.T.: 7.299 min  
Delta R.T.: 0.000 min  
Response: 30349588  
Conc: 50.02 ng/ml



#10 gamma-Chlordane

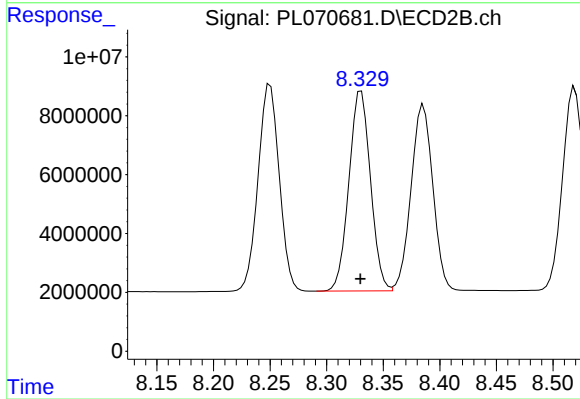
R.T.: 8.250 min  
Delta R.T.: 0.000 min  
Response: 91953998  
Conc: 50.56 ng/ml



#11 alpha-Chlordane

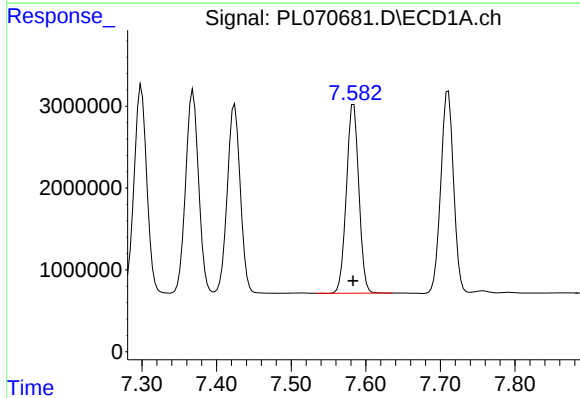
R.T.: 7.369 min  
Delta R.T.: 0.000 min  
Response: 30144845  
Conc: 49.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140346BSD



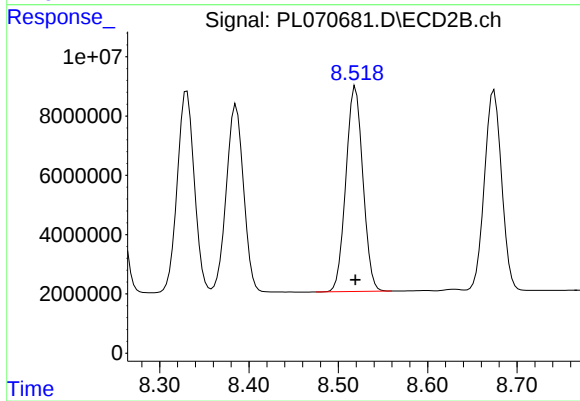
#11 alpha-Chlordane

R.T.: 8.331 min  
Delta R.T.: 0.000 min  
Response: 90132213  
Conc: 50.60 ng/ml



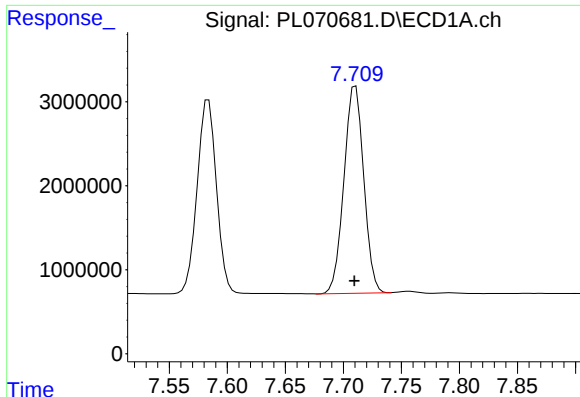
#12 4,4'-DDE

R.T.: 7.584 min  
Delta R.T.: 0.000 min  
Response: 26734841  
Conc: 51.30 ng/ml



#12 4,4'-DDE

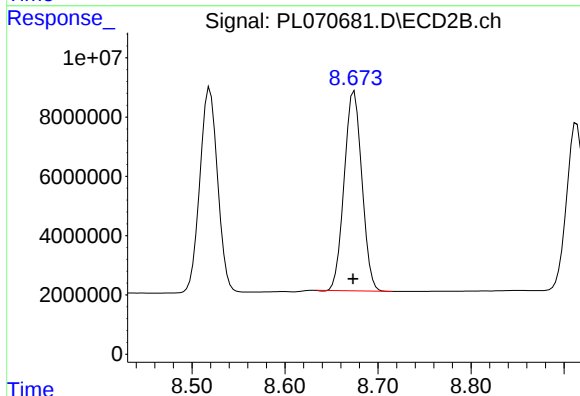
R.T.: 8.519 min  
Delta R.T.: 0.000 min  
Response: 91645312  
Conc: 50.79 ng/ml



#13 Dieldrin

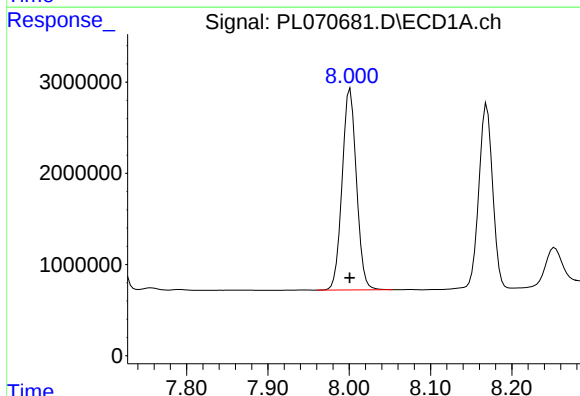
R.T.: 7.711 min  
Delta R.T.: 0.000 min  
Response: 29271445  
Conc: 50.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140346BSD



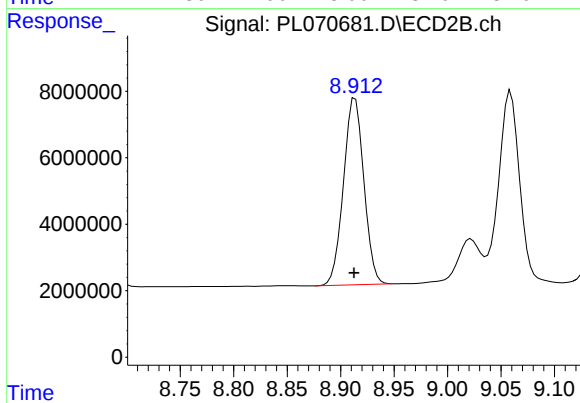
#13 Dieldrin

R.T.: 8.674 min  
Delta R.T.: 0.001 min  
Response: 89098798  
Conc: 50.57 ng/ml



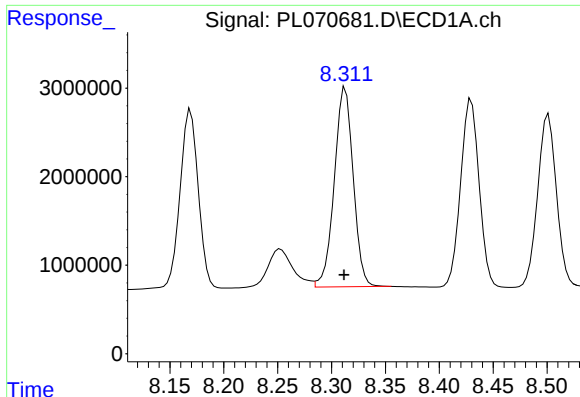
#14 Endrin

R.T.: 8.001 min  
Delta R.T.: 0.000 min  
Response: 26964893  
Conc: 50.21 ng/ml



#14 Endrin

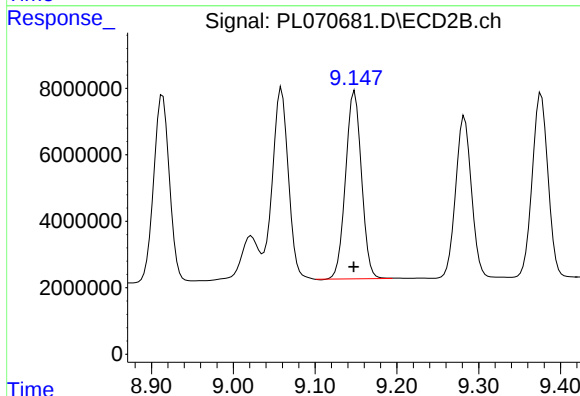
R.T.: 8.914 min  
Delta R.T.: 0.000 min  
Response: 74622247  
Conc: 49.27 ng/ml



#15 Endosulfan II

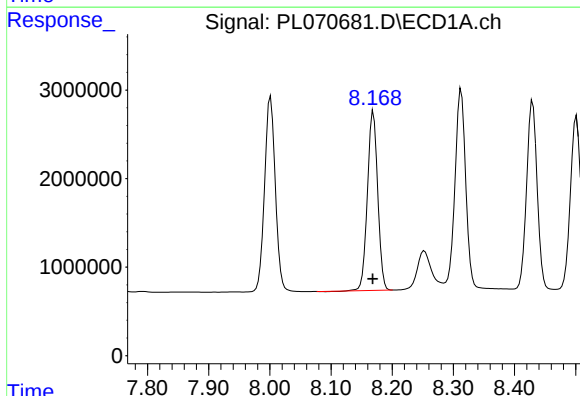
R.T.: 8.313 min  
Delta R.T.: 0.001 min  
Response: 27520589  
Conc: 48.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140346BSD



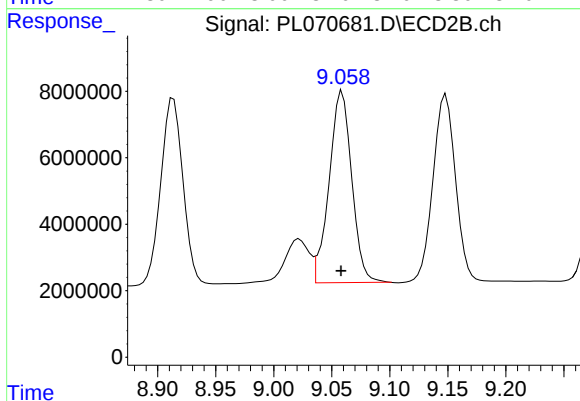
#15 Endosulfan II

R.T.: 9.148 min  
Delta R.T.: 0.000 min  
Response: 75958547  
Conc: 50.74 ng/ml



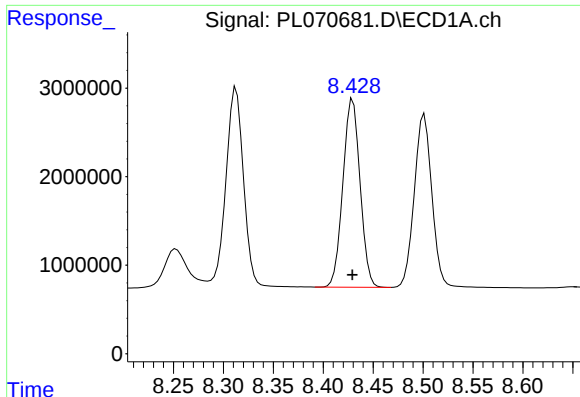
#16 4,4'-DDD

R.T.: 8.169 min  
Delta R.T.: 0.000 min  
Response: 23650914  
Conc: 51.84 ng/ml



#16 4,4'-DDD

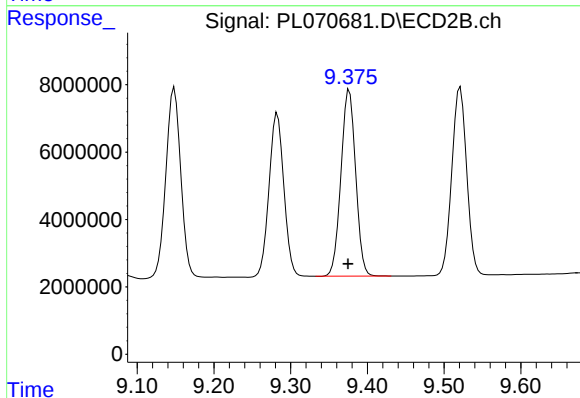
R.T.: 9.059 min  
Delta R.T.: 0.000 min  
Response: 78434749  
Conc: 48.79 ng/ml



#17 4,4'-DDT

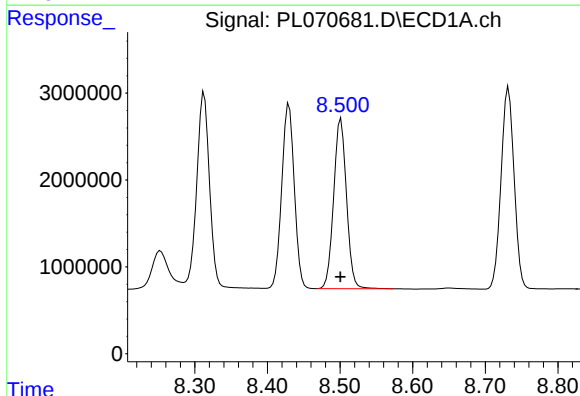
R.T.: 8.430 min  
Delta R.T.: 0.000 min  
Response: 25433912  
Conc: 49.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140346BSD



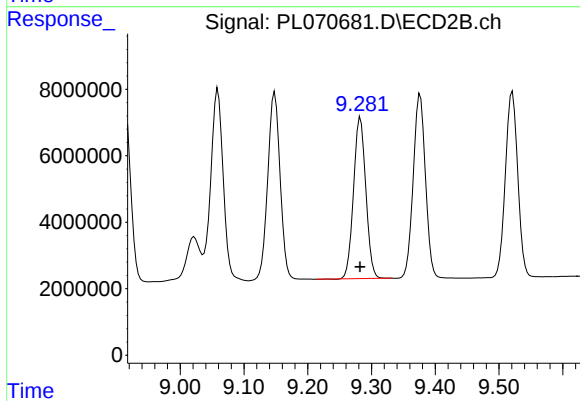
#17 4,4'-DDT

R.T.: 9.376 min  
Delta R.T.: 0.002 min  
Response: 73784141  
Conc: 45.64 ng/ml



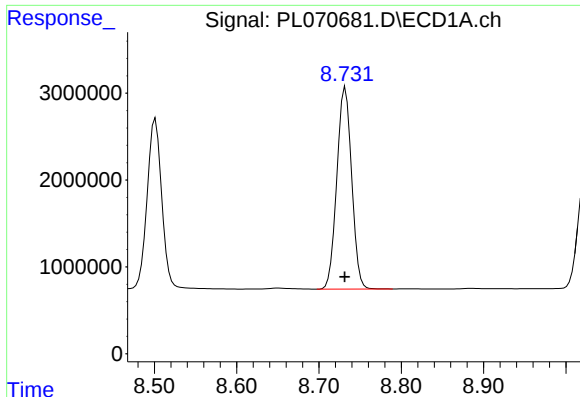
#18 Endrin aldehyde

R.T.: 8.501 min  
Delta R.T.: 0.001 min  
Response: 24011244  
Conc: 56.29 ng/ml



#18 Endrin aldehyde

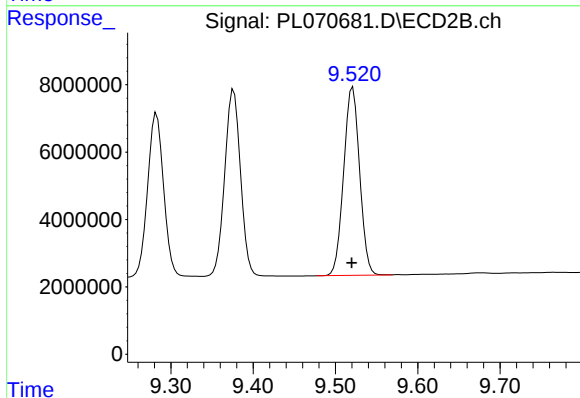
R.T.: 9.283 min  
Delta R.T.: 0.000 min  
Response: 65066994  
Conc: 55.25 ng/ml



#19 Endosulfan Sulfate

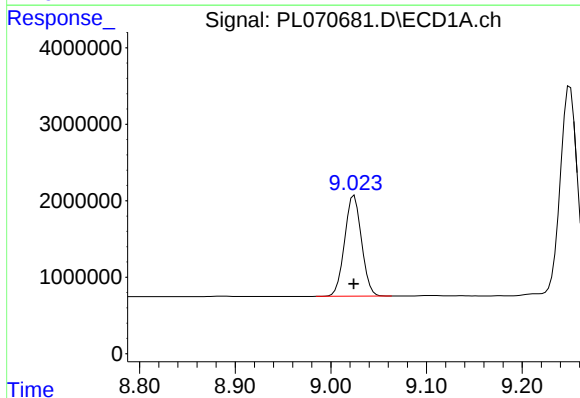
R.T.: 8.732 min  
Delta R.T.: 0.000 min  
Response: 29075936  
Conc: 51.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140346BSD



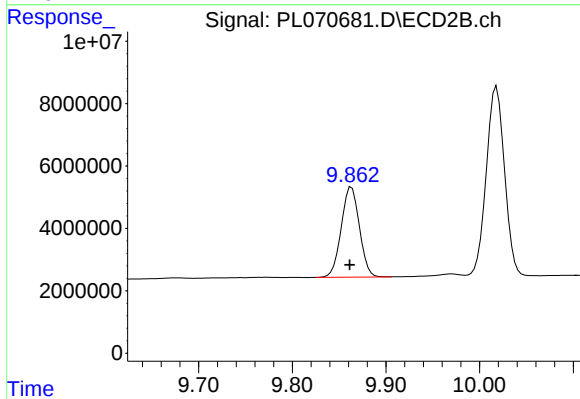
#19 Endosulfan Sulfate

R.T.: 9.521 min  
Delta R.T.: 0.001 min  
Response: 75457383  
Conc: 50.34 ng/ml



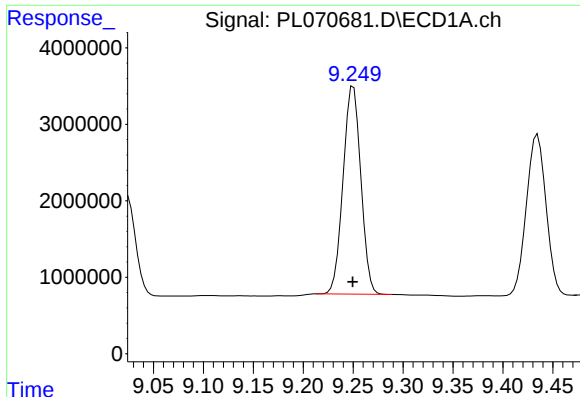
#20 Methoxychlor

R.T.: 9.024 min  
Delta R.T.: 0.000 min  
Response: 16255861  
Conc: 48.93 ng/ml



#20 Methoxychlor

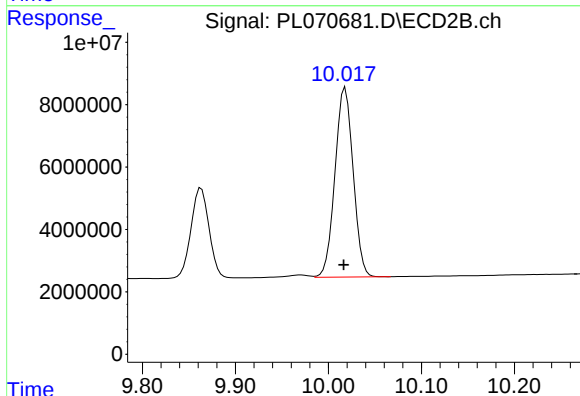
R.T.: 9.863 min  
Delta R.T.: 0.002 min  
Response: 39018532  
Conc: 46.61 ng/ml



#21 Endrin ketone

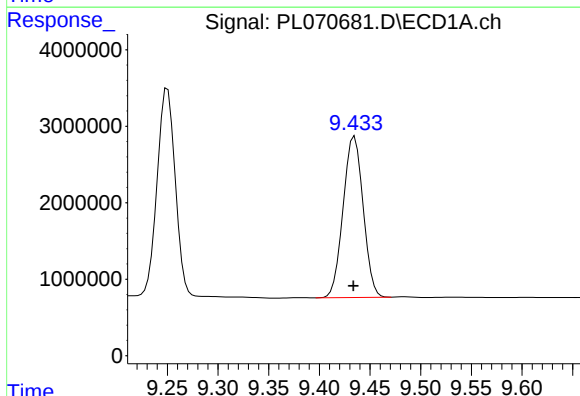
R.T.: 9.250 min  
Delta R.T.: 0.000 min  
Response: 33651699  
Conc: 53.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140346BSD



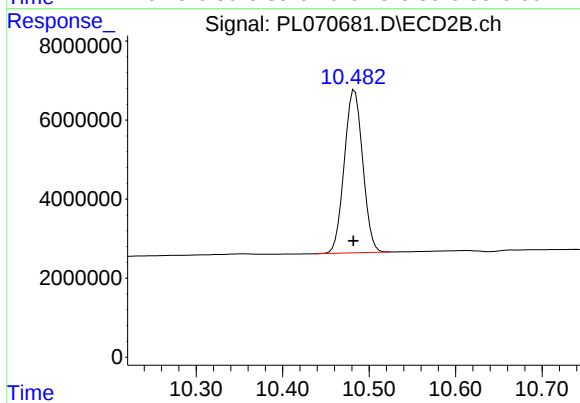
#21 Endrin ketone

R.T.: 10.018 min  
Delta R.T.: 0.002 min  
Response: 82530908  
Conc: 50.51 ng/ml



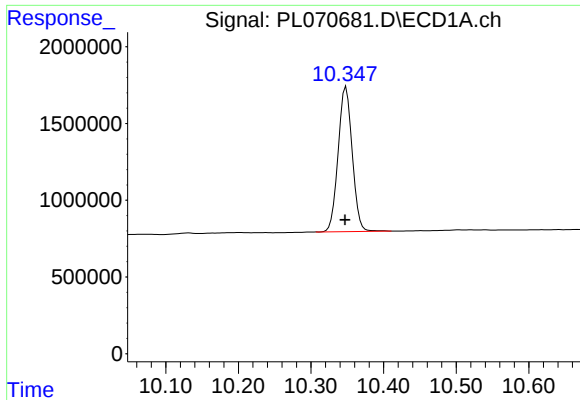
#22 Mirex

R.T.: 9.435 min  
Delta R.T.: 0.001 min  
Response: 28909084  
Conc: 50.86 ng/ml



#22 Mirex

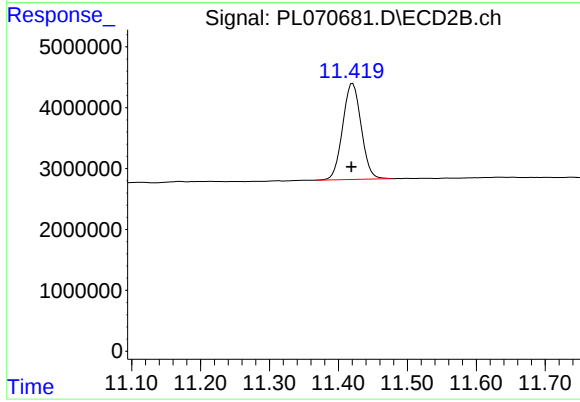
R.T.: 10.483 min  
Delta R.T.: 0.001 min  
Response: 60845069  
Conc: 50.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.348 min  
Delta R.T.: 0.001 min  
Response: 12693882  
Conc: 21.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140346BSD



#28 Decachlorobiphenyl

R.T.: 11.421 min  
Delta R.T.: 0.002 min  
Response: 29503585  
Conc: 20.64 ng/ml