

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050421\  
 Data File : PL066657.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 May 2021 11:17  
 Operator : AR\AJ  
 Sample : M2234-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 S-1MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 04 12:50:59 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042621.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 28 08:49:49 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... | 3.427 | 4.153  | 74724645 | 70806733 | 19.831   | 20.161     |
| 2)                          | SA Decachlor... | 8.159 | 9.351  | 59342854 | 60353581 | 15.477   | 19.509 #   |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.861 | 4.558  | 287.6E6  | 257.3E6  | 46.210   | 50.006     |
| 3)                          | MA gamma-BHC... | 4.140 | 4.851  | 262.7E6  | 222.8E6  | 47.743   | 46.176     |
| 4)                          | MA Heptachlor   | 4.438 | 5.367  | 270.5E6  | 221.4E6  | 48.440   | 44.851     |
| 5)                          | MB Aldrin       | 4.682 | 5.679  | 237.5E6  | 201.5E6  | 45.528   | 43.105     |
| 6)                          | B beta-BHC      | 4.389 | 5.028  | 109.9E6  | 96298274 | 41.554   | 41.141     |
| 7)                          | B delta-BHC     | 4.590 | 5.251  | 265.7E6  | 212.1E6  | 46.704   | 47.875     |
| 8)                          | B Heptachlo...  | 5.121 | 6.074  | 229.5E6  | 157.1E6  | 46.871   | 42.471     |
| 9)                          | A Endosulfan I  | 5.456 | 6.438  | 212.8E6  | 156.9E6  | 46.131   | 41.196     |
| 10)                         | B gamma-Chl...  | 5.347 | 6.311  | 240.7E6  | 174.1E6  | 47.242   | 41.831     |
| 11)                         | B alpha-Chl...  | 5.405 | 6.383  | 230.2E6  | 178.8E6  | 46.762   | 43.095     |
| 12)                         | B 4,4'-DDE      | 5.572 | 6.539  | 396.3E6  | 303.3E6  | 86.861   | 79.928     |
| 13)                         | MA Dieldrin     | 5.697 | 6.700  | 227.0E6  | 160.9E6  | 46.780   | 41.089     |
| 14)                         | MA Endrin       | 5.952 | 6.923  | 244.9E6  | 122.5E6  | 56.221   | 39.082 #   |
| 15)                         | B Endosulfa...  | 6.224 | 7.136  | 176.4E6  | 129.3E6  | 42.749   | 39.137     |
| 16)                         | A 4,4'-DDD      | 6.085 | 7.039  | 188.5E6  | 152.5E6  | 49.621   | 48.966     |
| 17)                         | MA 4,4'-DDT     | 6.324 | 7.341  | 235.0E6  | 173.0E6  | 60.272   | 53.446     |
| 18)                         | B Endrin al...  | 6.392 | 7.262  | 139.2E6  | 104.9E6  | 41.098   | 37.513     |
| 19)                         | B Endosulfa...  | 6.604 | 7.486  | 184.9E6  | 130.0E6  | 42.781   | 38.015     |
| 20)                         | A Methoxychlor  | 6.873 | 7.800  | 94636347 | 64328049 | 48.179   | 35.862 #   |
| 21)                         | B Endrin ke...  | 7.090 | 7.968  | 173.1E6  | 125.8E6  | 39.511   | 35.456     |
| 22)                         | Mirex           | 7.276 | 8.422  | 133.4E6  | 105.2E6  | 36.328   | 37.694     |
| 23)                         | Chlordane-1     | 4.293 | 0.000  | 3765820  | 0        | 22.278   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.679f | 0        | 201.5E6  | N.D.     | 1240.798 # |
| 25)                         | Chlordane-3     | 5.347 | 6.311  | 240.7E6  | 174.1E6  | 483.750  | 310.671 #  |
| 26)                         | Chlordane-4     | 5.405 | 6.383  | 230.2E6  | 178.8E6  | 545.606  | 266.273 #  |
| 27)                         | Chlordane-5     | 6.224 | 7.185f | 176.4E6  | 2085840  | 1047.487 | 17.762 #   |
| -----                       |                 |       |        |          |          |          |            |

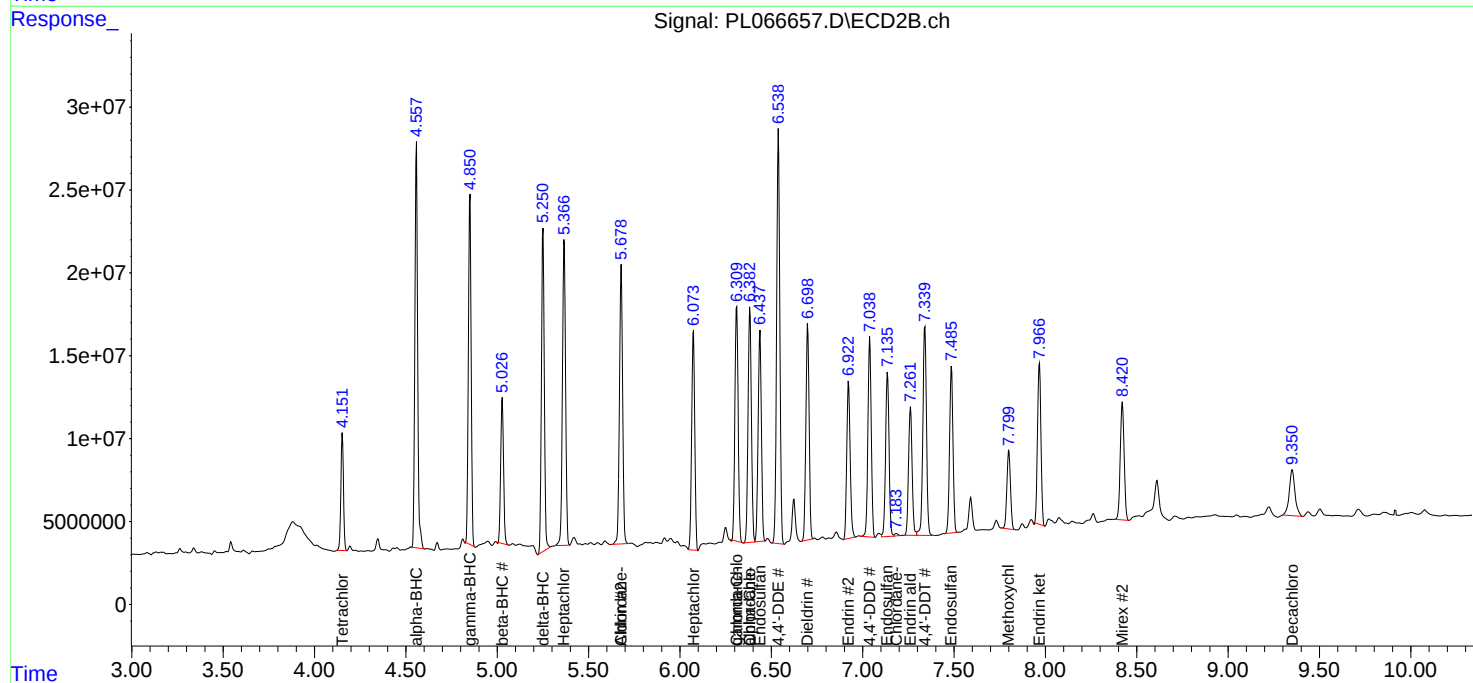
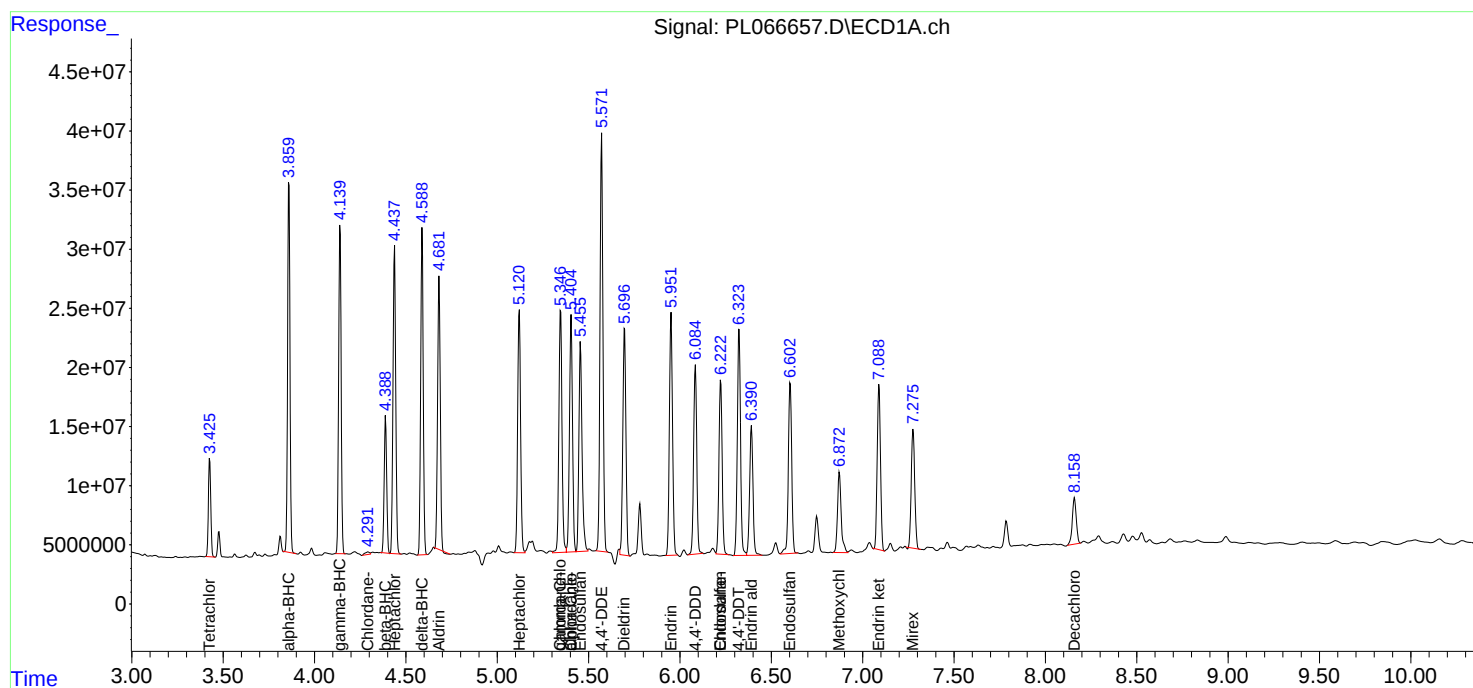
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

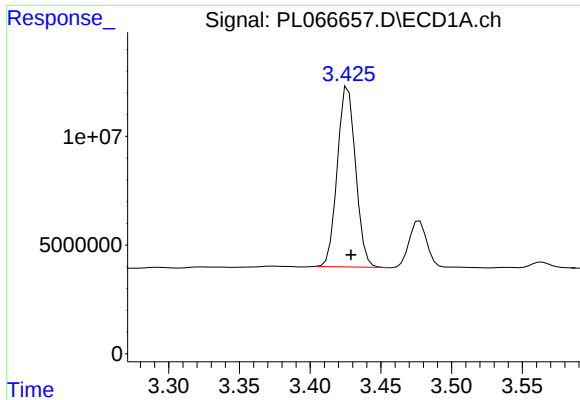
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050421\  
Data File : PL066657.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 May 2021 11:17  
Operator : AR\AJ  
Sample : M2234-01MSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 04 12:50:59 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042621.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 28 08:49:49 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

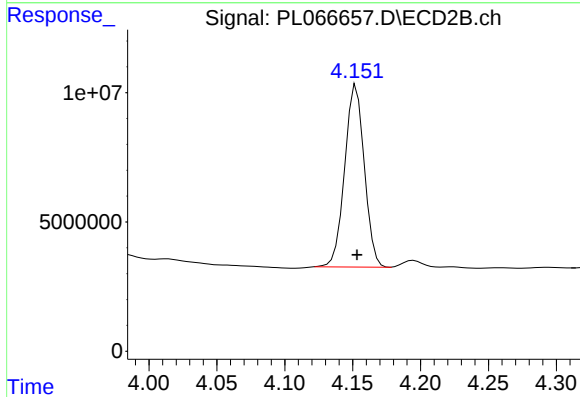




#1 Tetrachloro-m-xylene

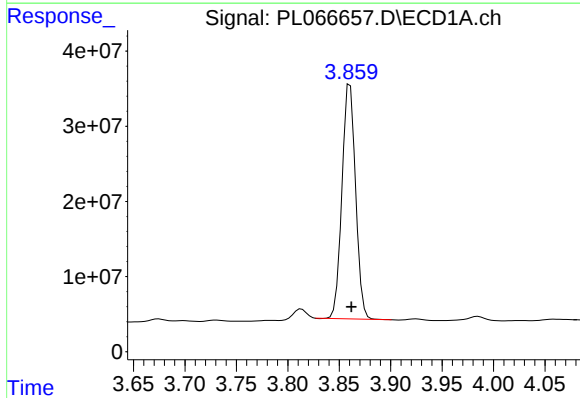
R.T.: 3.427 min  
Delta R.T.: -0.002 min  
Response: 74724645  
Conc: 19.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



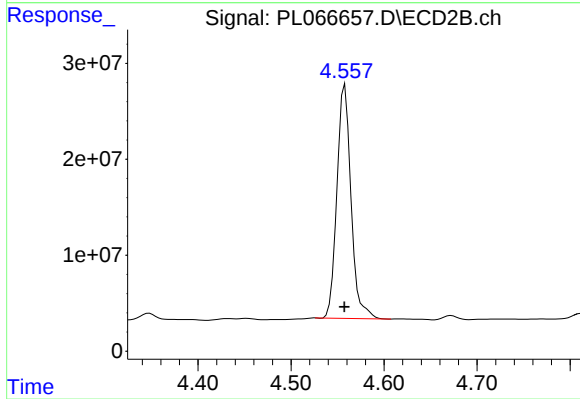
#1 Tetrachloro-m-xylene

R.T.: 4.153 min  
Delta R.T.: 0.000 min  
Response: 70806733  
Conc: 20.16 ng/ml



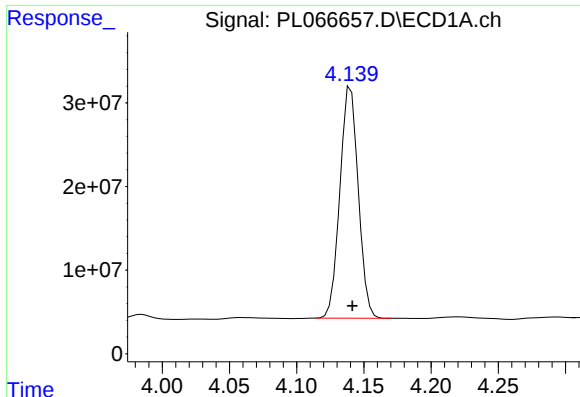
#2 alpha-BHC

R.T.: 3.861 min  
Delta R.T.: -0.001 min  
Response: 287563647  
Conc: 46.21 ng/ml



#2 alpha-BHC

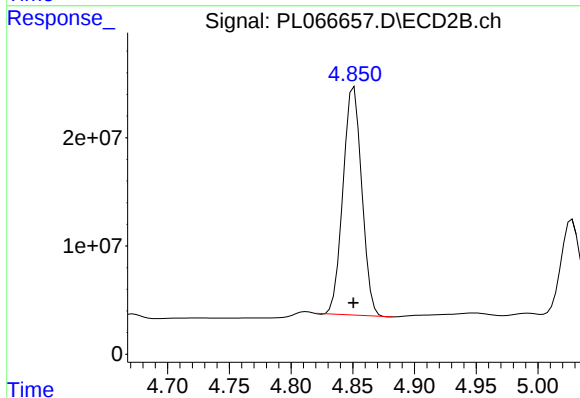
R.T.: 4.558 min  
Delta R.T.: 0.000 min  
Response: 257255766  
Conc: 50.01 ng/ml



#3 gamma-BHC (Lindane)

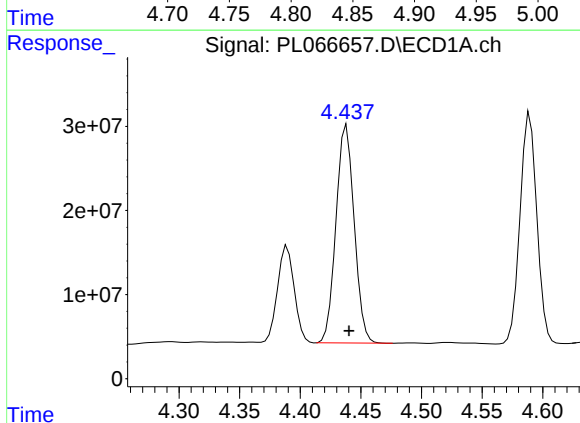
R.T.: 4.140 min  
Delta R.T.: -0.001 min  
Response: 262692108  
Conc: 47.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



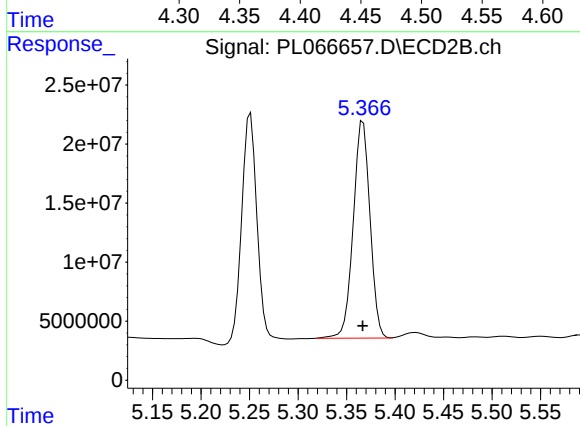
#3 gamma-BHC (Lindane)

R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 222757318  
Conc: 46.18 ng/ml



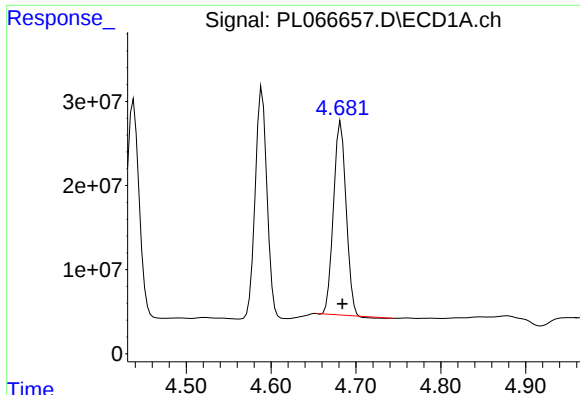
#4 Heptachlor

R.T.: 4.438 min  
Delta R.T.: -0.002 min  
Response: 270451850  
Conc: 48.44 ng/ml



#4 Heptachlor

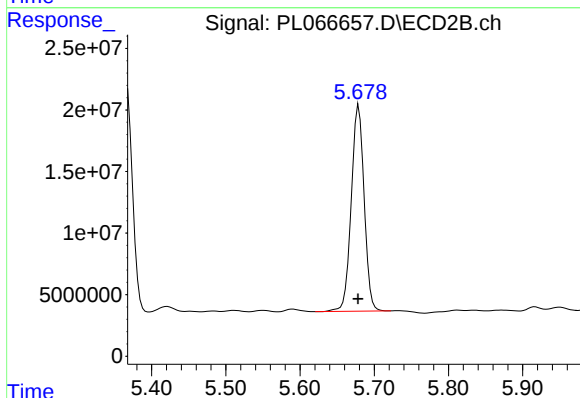
R.T.: 5.367 min  
Delta R.T.: 0.000 min  
Response: 221428075  
Conc: 44.85 ng/ml



#5 Aldrin

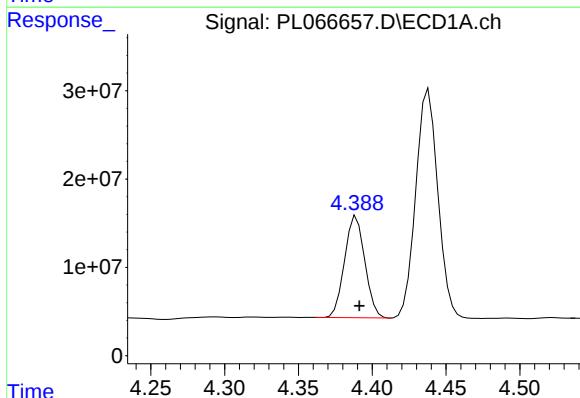
R.T.: 4.682 min  
Delta R.T.: -0.002 min  
Response: 237456050  
Conc: 45.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



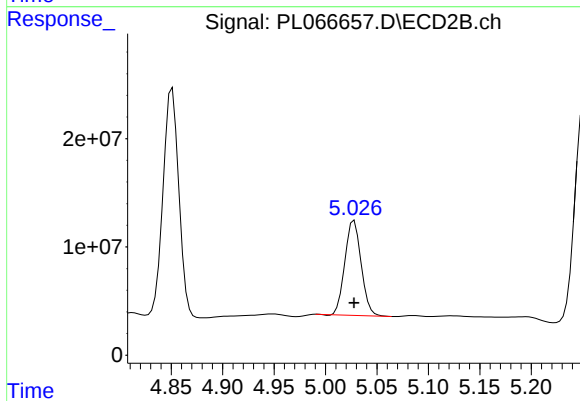
#5 Aldrin

R.T.: 5.679 min  
Delta R.T.: 0.000 min  
Response: 201519511  
Conc: 43.10 ng/ml



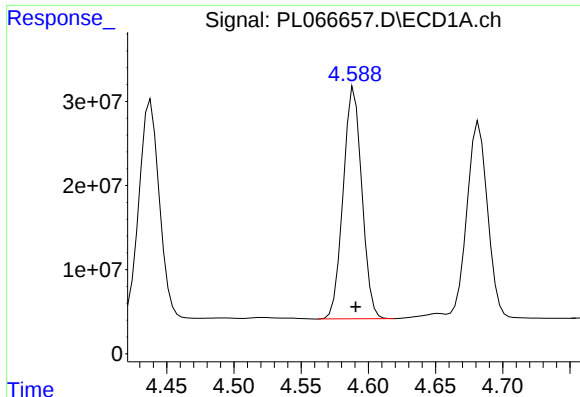
#6 beta-BHC

R.T.: 4.389 min  
Delta R.T.: -0.002 min  
Response: 109921868  
Conc: 41.55 ng/ml



#6 beta-BHC

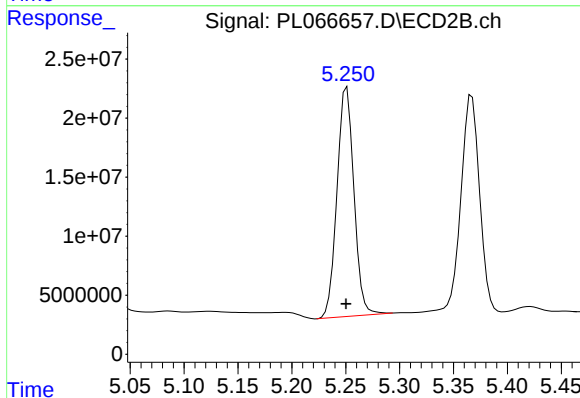
R.T.: 5.028 min  
Delta R.T.: 0.000 min  
Response: 96298274  
Conc: 41.14 ng/ml



#7 delta-BHC

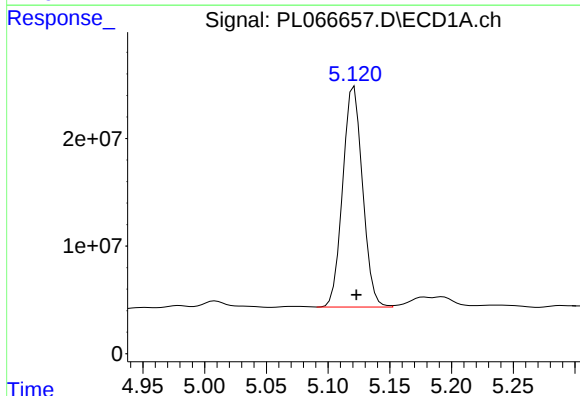
R.T.: 4.590 min  
Delta R.T.: -0.001 min  
Response: 265710874  
Conc: 46.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



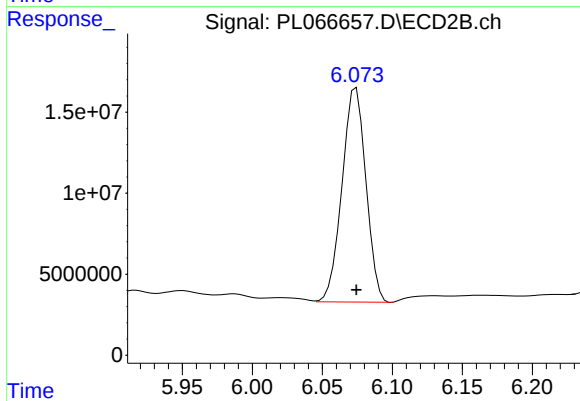
#7 delta-BHC

R.T.: 5.251 min  
Delta R.T.: 0.000 min  
Response: 212081456  
Conc: 47.88 ng/ml



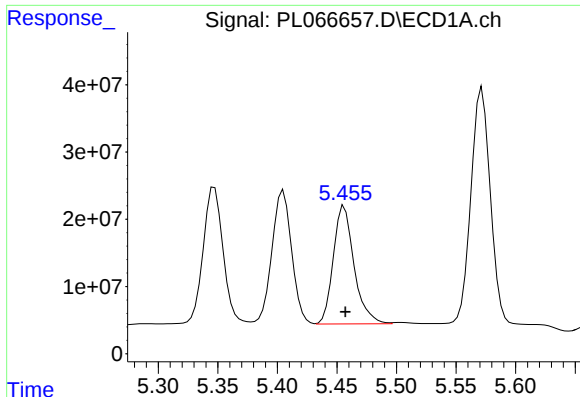
#8 Heptachlor epoxide

R.T.: 5.121 min  
Delta R.T.: -0.002 min  
Response: 229537529  
Conc: 46.87 ng/ml



#8 Heptachlor epoxide

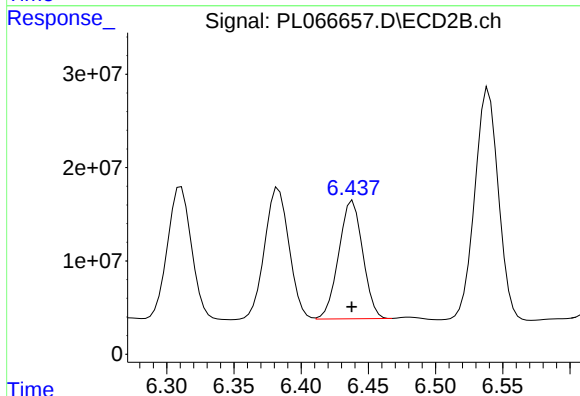
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 157128299  
Conc: 42.47 ng/ml



#9 Endosulfan I

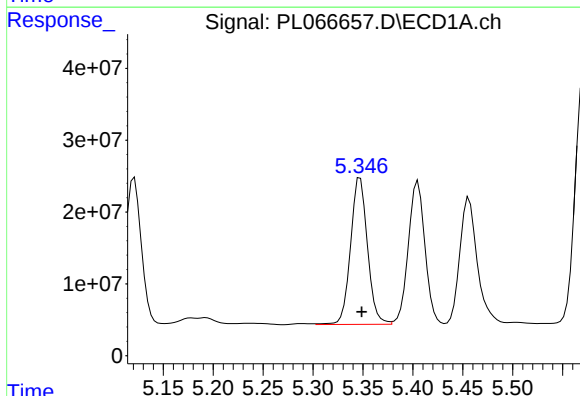
R.T.: 5.456 min  
Delta R.T.: -0.001 min  
Response: 212836435  
Conc: 46.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



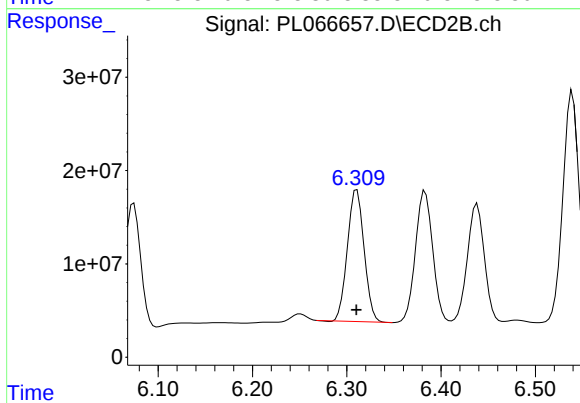
#9 Endosulfan I

R.T.: 6.438 min  
Delta R.T.: 0.000 min  
Response: 156881537  
Conc: 41.20 ng/ml



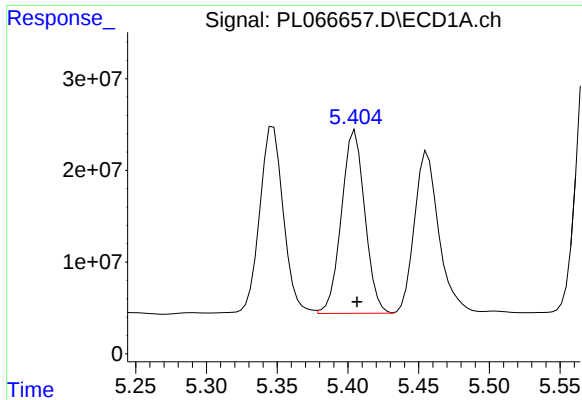
#10 gamma-Chlordane

R.T.: 5.347 min  
Delta R.T.: -0.002 min  
Response: 240737048  
Conc: 47.24 ng/ml



#10 gamma-Chlordane

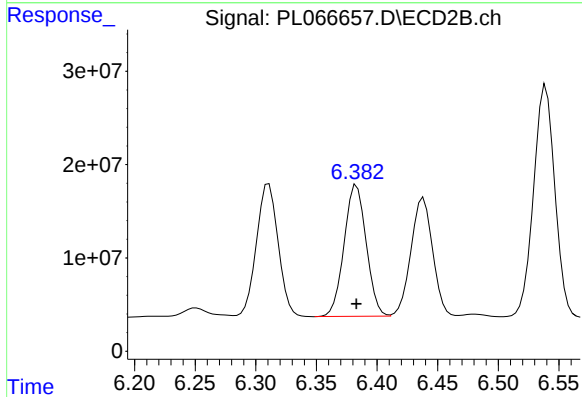
R.T.: 6.311 min  
Delta R.T.: 0.000 min  
Response: 174136939  
Conc: 41.83 ng/ml



#11 alpha-Chlordane

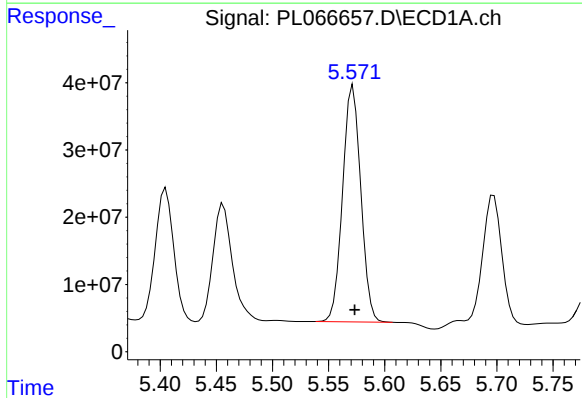
R.T.: 5.405 min  
Delta R.T.: -0.001 min  
Response: 230249538  
Conc: 46.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



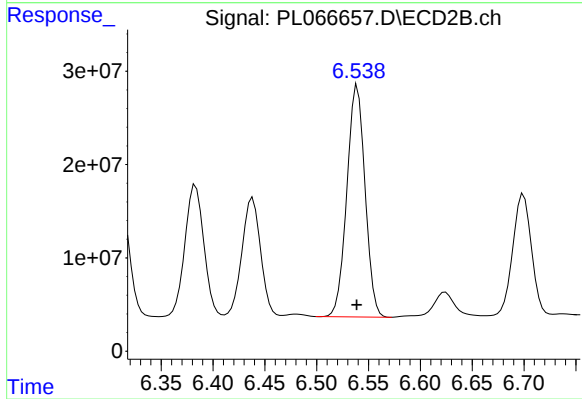
#11 alpha-Chlordane

R.T.: 6.383 min  
Delta R.T.: 0.000 min  
Response: 178770266  
Conc: 43.10 ng/ml



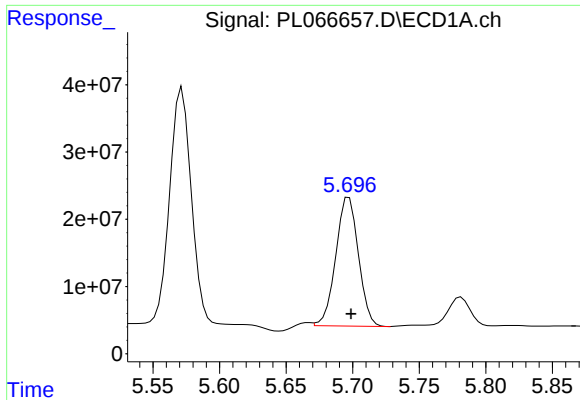
#12 4,4'-DDE

R.T.: 5.572 min  
Delta R.T.: -0.001 min  
Response: 396338627  
Conc: 86.86 ng/ml



#12 4,4'-DDE

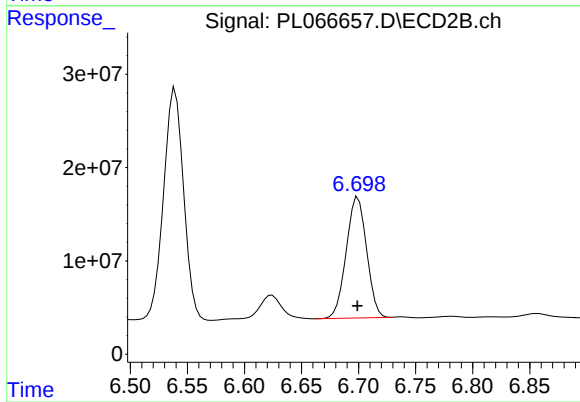
R.T.: 6.539 min  
Delta R.T.: 0.000 min  
Response: 303262433  
Conc: 79.93 ng/ml



#13 Dieldrin

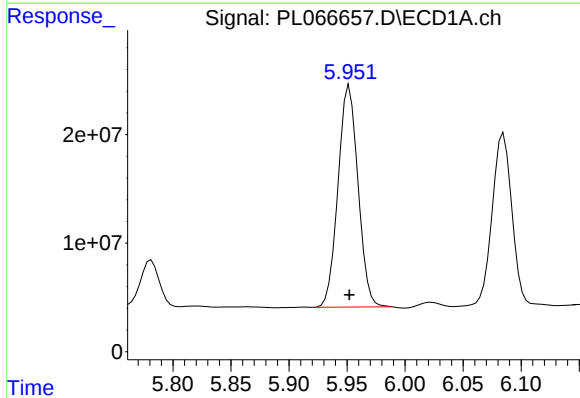
R.T.: 5.697 min  
Delta R.T.: -0.002 min  
Response: 226953920  
Conc: 46.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



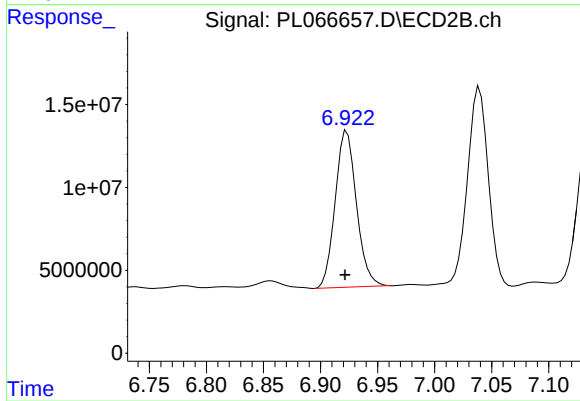
#13 Dieldrin

R.T.: 6.700 min  
Delta R.T.: 0.000 min  
Response: 160872020  
Conc: 41.09 ng/ml



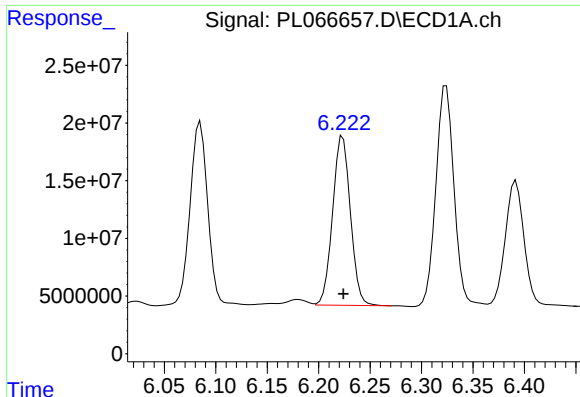
#14 Endrin

R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 244904434  
Conc: 56.22 ng/ml



#14 Endrin

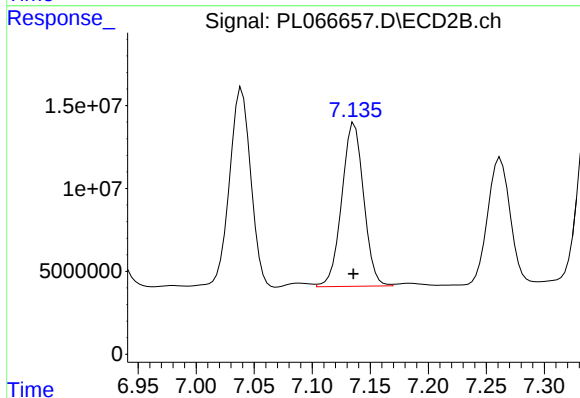
R.T.: 6.923 min  
Delta R.T.: 0.002 min  
Response: 122471533  
Conc: 39.08 ng/ml



#15 Endosulfan II

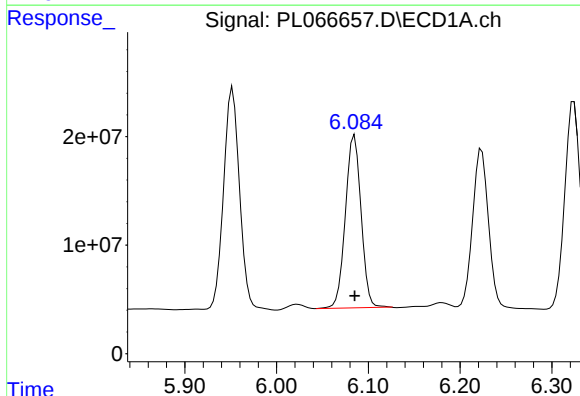
R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 176393745  
Conc: 42.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



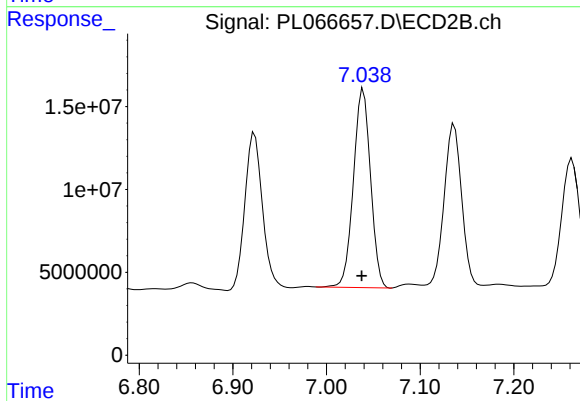
#15 Endosulfan II

R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 129262302  
Conc: 39.14 ng/ml



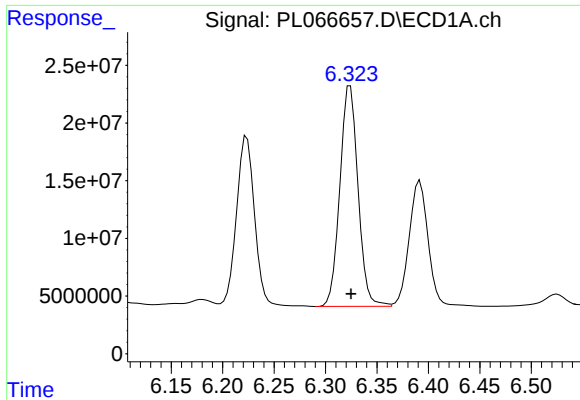
#16 4,4'-DDD

R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 188470573  
Conc: 49.62 ng/ml



#16 4,4'-DDD

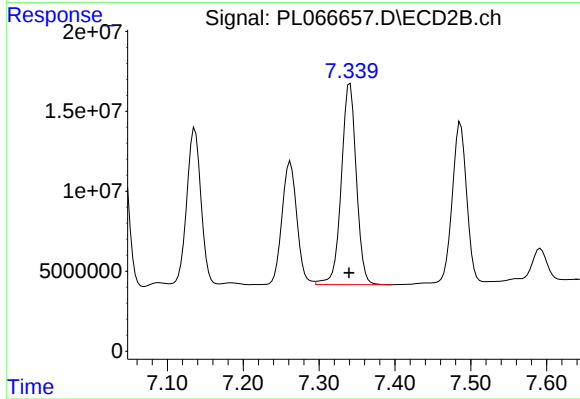
R.T.: 7.039 min  
Delta R.T.: 0.002 min  
Response: 152518591  
Conc: 48.97 ng/ml



#17 4,4'-DDT

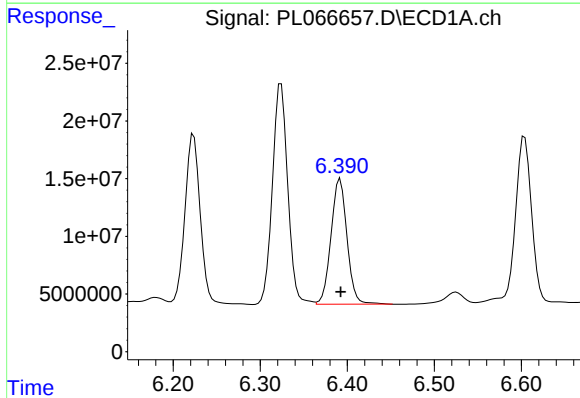
R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 235013562  
Conc: 60.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



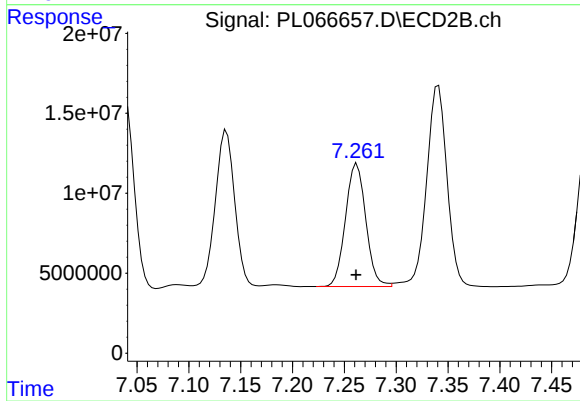
#17 4,4'-DDT

R.T.: 7.341 min  
Delta R.T.: 0.001 min  
Response: 172982117  
Conc: 53.45 ng/ml



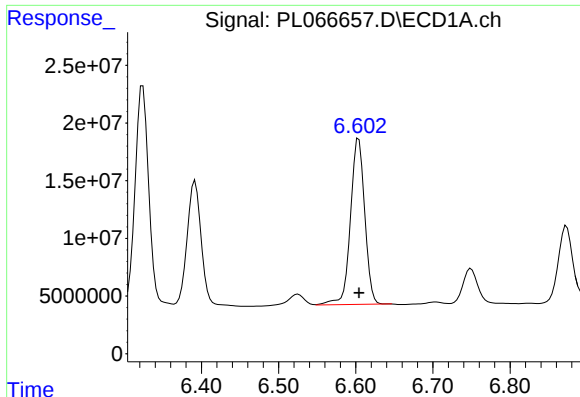
#18 Endrin aldehyde

R.T.: 6.392 min  
Delta R.T.: 0.000 min  
Response: 139239785  
Conc: 41.10 ng/ml



#18 Endrin aldehyde

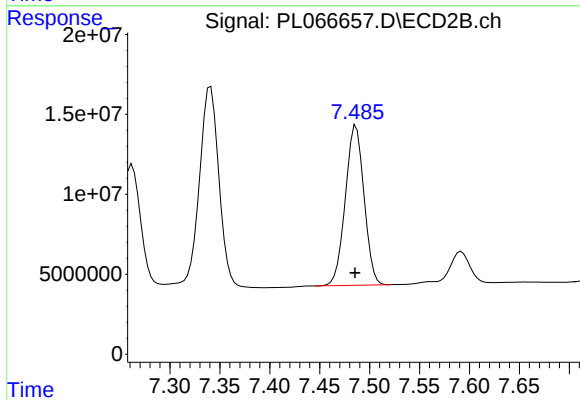
R.T.: 7.262 min  
Delta R.T.: 0.000 min  
Response: 104925743  
Conc: 37.51 ng/ml



#19 Endosulfan Sulfate

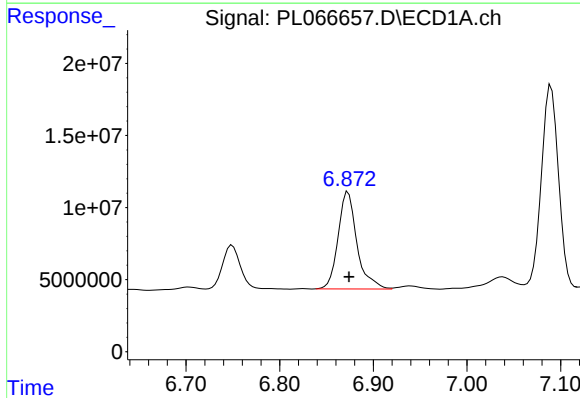
R.T.: 6.604 min  
Delta R.T.: 0.000 min  
Response: 184882978  
Conc: 42.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



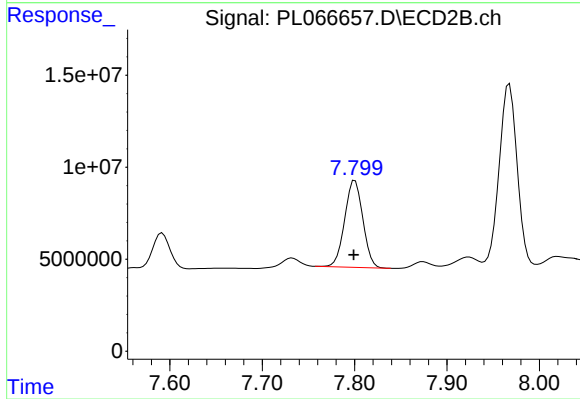
#19 Endosulfan Sulfate

R.T.: 7.486 min  
Delta R.T.: 0.001 min  
Response: 130029875  
Conc: 38.01 ng/ml



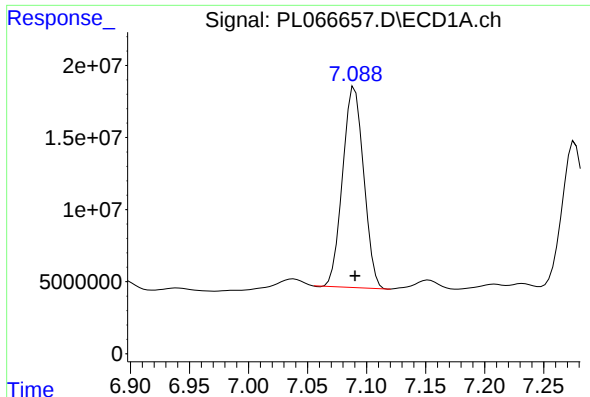
#20 Methoxychlor

R.T.: 6.873 min  
Delta R.T.: 0.000 min  
Response: 94636347  
Conc: 48.18 ng/ml



#20 Methoxychlor

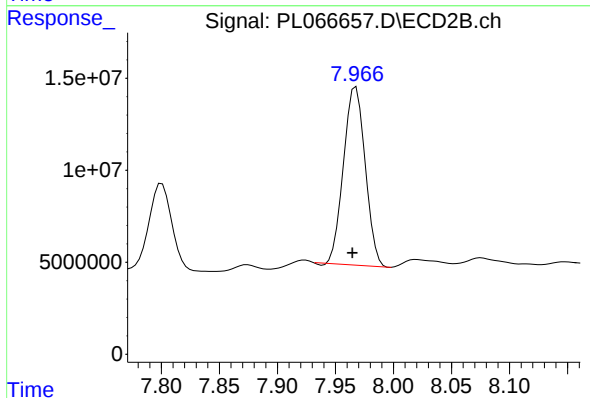
R.T.: 7.800 min  
Delta R.T.: 0.001 min  
Response: 64328049  
Conc: 35.86 ng/ml



#21 Endrin ketone

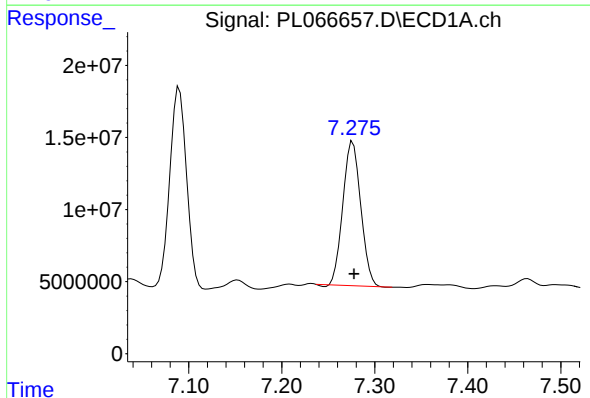
R.T.: 7.090 min  
Delta R.T.: 0.000 min  
Response: 173101151  
Conc: 39.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



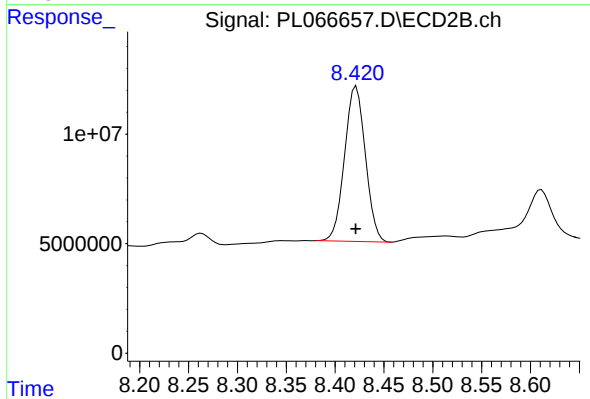
#21 Endrin ketone

R.T.: 7.968 min  
Delta R.T.: 0.003 min  
Response: 125843779  
Conc: 35.46 ng/ml



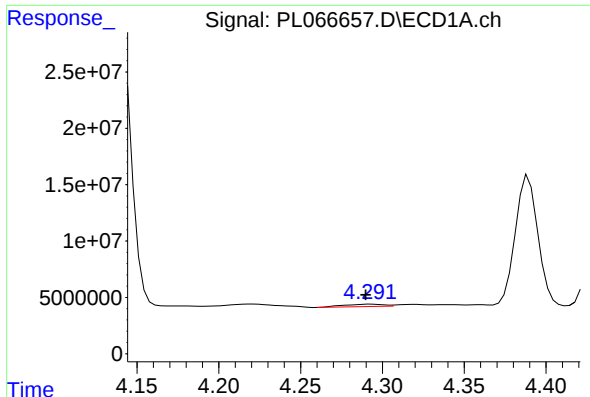
#22 Mirex

R.T.: 7.276 min  
Delta R.T.: -0.001 min  
Response: 133442777  
Conc: 36.33 ng/ml



#22 Mirex

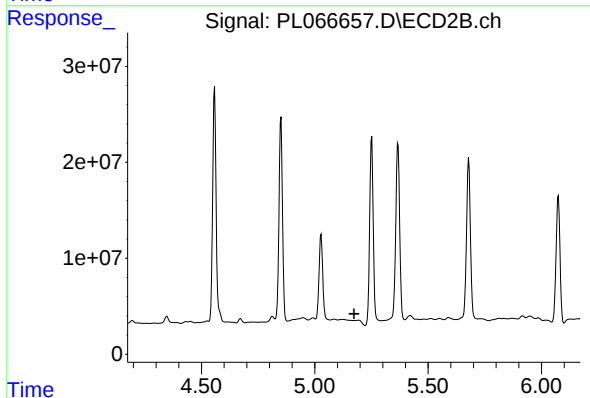
R.T.: 8.422 min  
Delta R.T.: 0.000 min  
Response: 105152872  
Conc: 37.69 ng/ml



#23 Chlordane-1

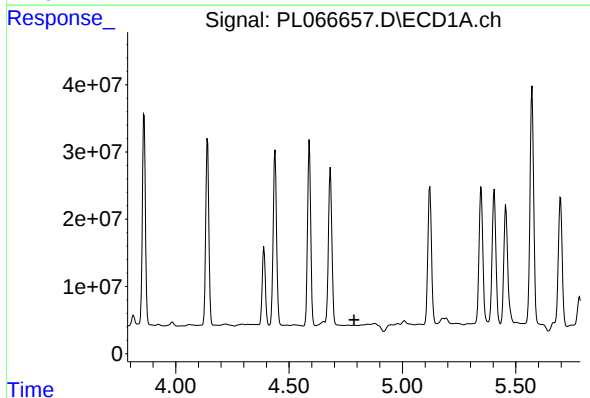
R.T.: 4.293 min  
Delta R.T.: 0.003 min  
Response: 3765820  
Conc: 22.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



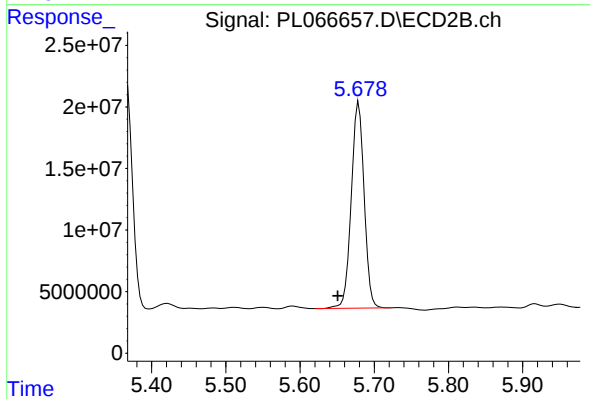
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.174 min  
Response: 0  
Conc: N.D.



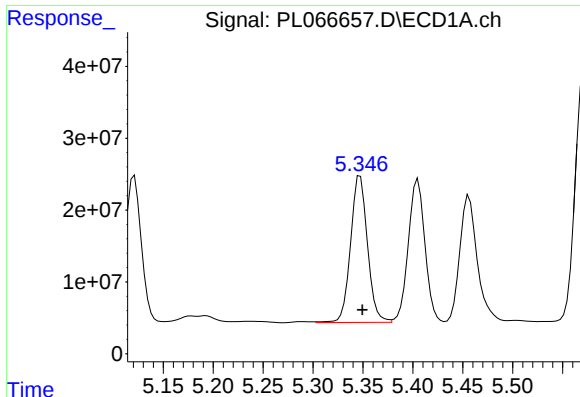
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.786 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

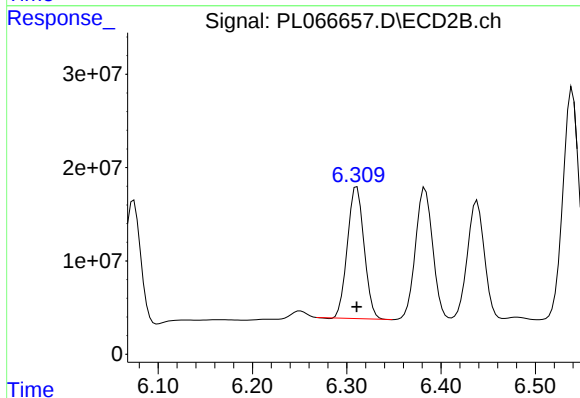
R.T.: 5.679 min  
Delta R.T.: 0.028 min  
Response: 201519511  
Conc: 1240.80 ng/ml



#25 Chlordane-3

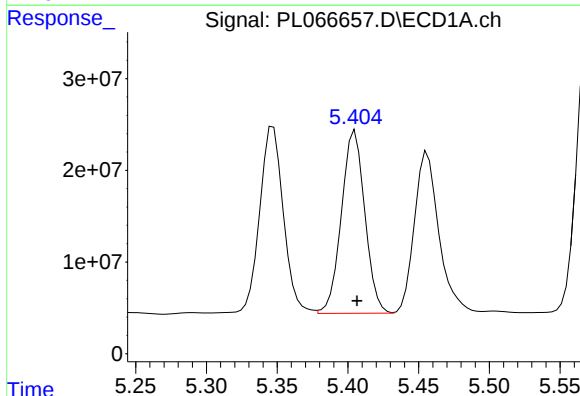
R.T.: 5.347 min  
Delta R.T.: -0.002 min  
Response: 240737048  
Conc: 483.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



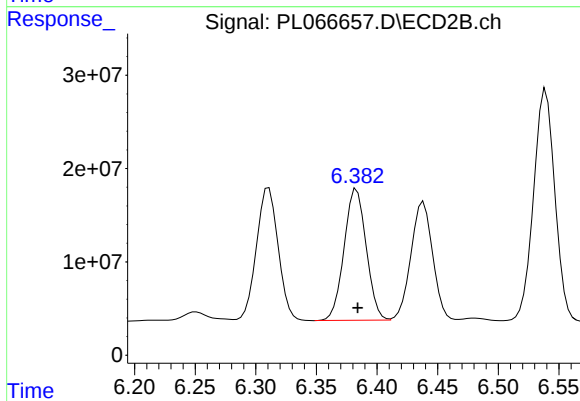
#25 Chlordane-3

R.T.: 6.311 min  
Delta R.T.: 0.000 min  
Response: 174136939  
Conc: 310.67 ng/ml



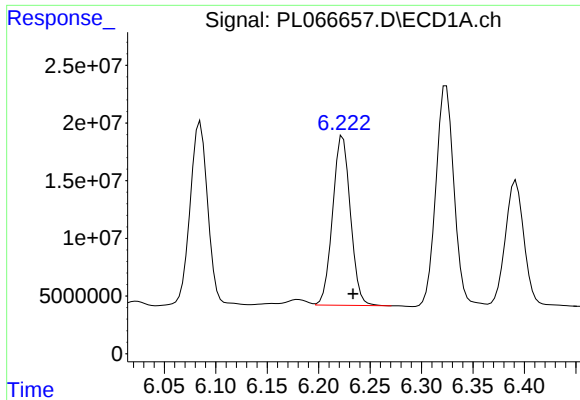
#26 Chlordane-4

R.T.: 5.405 min  
Delta R.T.: -0.002 min  
Response: 230249538  
Conc: 545.61 ng/ml



#26 Chlordane-4

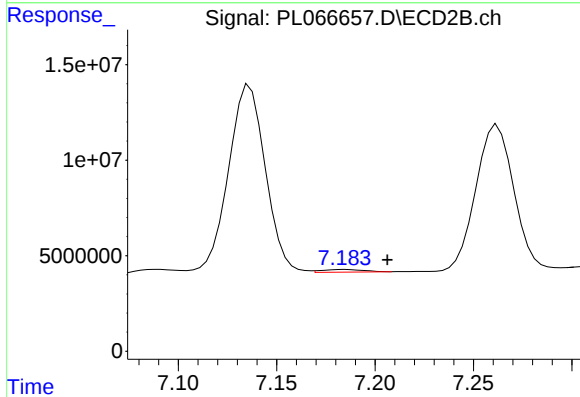
R.T.: 6.383 min  
Delta R.T.: -0.001 min  
Response: 178770266  
Conc: 266.27 ng/ml



#27 Chlordane-5

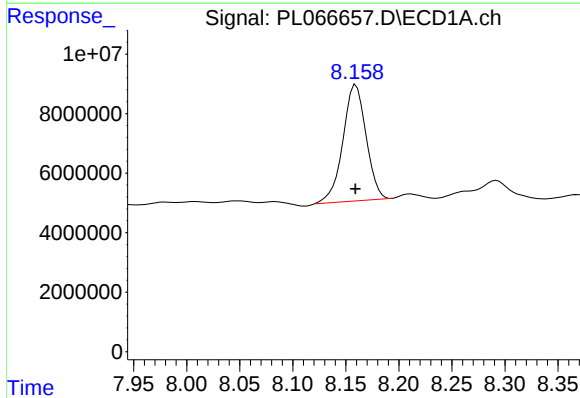
R.T.: 6.224 min  
Delta R.T.: -0.010 min  
Response: 176393745  
Conc: 1047.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



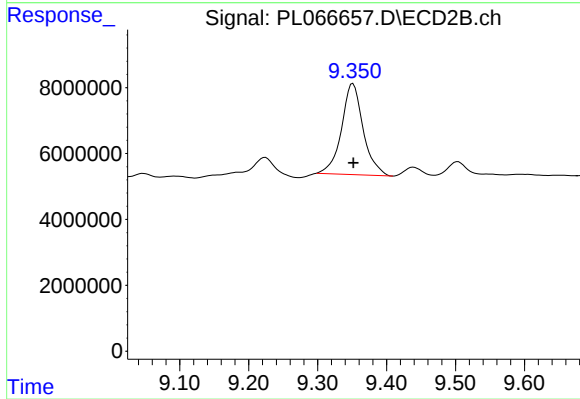
#27 Chlordane-5

R.T.: 7.185 min  
Delta R.T.: -0.022 min  
Response: 2085840  
Conc: 17.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.159 min  
Delta R.T.: 0.000 min  
Response: 59342854  
Conc: 15.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.351 min  
Delta R.T.: 0.000 min  
Response: 60353581  
Conc: 19.51 ng/ml