

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110118\  
 Data File : PL041679.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Nov 2018 05:12  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 02 05:26:45 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102918.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 30 01:26:00 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.473 | 4.106 | 313.2E6 | 155.1E6  | 49.172   | 50.353     |
| 28)                         | SA Decachlor... | 8.216 | 9.239 | 294.1E6 | 120.2E6  | 44.406   | 46.916     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.913 | 4.502 | 488.0E6 | 233.9E6  | 50.231   | 51.002     |
| 3)                          | MA gamma-BHC... | 4.197 | 4.790 | 447.6E6 | 215.3E6  | 50.103   | 50.775     |
| 4)                          | MA Heptachlor   | 4.494 | 5.306 | 448.2E6 | 208.2E6  | 48.899   | 51.211     |
| 5)                          | MB Aldrin       | 4.741 | 5.615 | 421.0E6 | 196.4E6  | 49.867   | 51.430     |
| 6)                          | B beta-BHC      | 4.450 | 4.959 | 185.7E6 | 90082723 | 49.276   | 52.451     |
| 7)                          | B delta-BHC     | 4.653 | 5.180 | 425.6E6 | 209.9E6  | 51.242   | 51.974     |
| 8)                          | B Heptachlo...  | 5.184 | 6.004 | 396.0E6 | 171.8E6  | 49.050   | 48.857     |
| 9)                          | A Endosulfan I  | 5.522 | 6.364 | 362.5E6 | 163.4E6  | 48.716   | 52.568     |
| 10)                         | B gamma-Chl...  | 5.410 | 6.238 | 399.5E6 | 179.0E6  | 49.053   | 53.013     |
| 11)                         | B alpha-Chl...  | 5.468 | 6.312 | 393.0E6 | 175.7E6  | 48.538   | 51.900     |
| 12)                         | B 4,4'-DDE      | 5.634 | 6.466 | 353.4E6 | 172.0E6  | 49.376   | 52.547     |
| 13)                         | MA Dieldrin     | 5.765 | 6.622 | 391.2E6 | 169.0E6  | 49.190   | 52.427     |
| 14)                         | MA Endrin       | 6.021 | 6.842 | 333.5E6 | 132.6E6  | 45.592   | 48.764     |
| 15)                         | B Endosulfa...  | 6.297 | 7.050 | 339.6E6 | 140.3E6  | 49.137   | 51.872     |
| 16)                         | A 4,4'-DDD      | 6.149 | 6.959 | 300.0E6 | 133.3E6  | 51.626   | 53.543     |
| 17)                         | MA 4,4'-DDT     | 6.388 | 7.259 | 280.9E6 | 119.5E6  | 46.179   | 47.521     |
| 18)                         | B Endrin al...  | 6.465 | 7.175 | 273.4E6 | 117.5E6  | 49.633   | 53.672     |
| 19)                         | B Endosulfa...  | 6.677 | 7.397 | 313.6E6 | 126.4E6  | 49.107   | 50.946     |
| 20)                         | A Methoxychlor  | 6.936 | 7.714 | 151.5E6 | 61283777 | 45.078   | 47.305     |
| 21)                         | B Endrin ke...  | 7.167 | 7.872 | 353.6E6 | 136.7E6  | 48.986   | 51.946     |
| 23)                         | Chlordane-1     | 4.370 | 5.180 | 2587830 | 209.9E6  | 9.127    | 1511.177 # |
| 24)                         | Chlordane-2     | 0.000 | 5.615 | 0       | 196.4E6  | N.D.     | 1478.152 # |
| 25)                         | Chlordane-3     | 5.410 | 6.238 | 399.5E6 | 179.0E6  | 448.187  | 397.671    |
| 26)                         | Chlordane-4     | 5.468 | 6.312 | 393.0E6 | 175.7E6  | 501.915  | 335.972 #  |
| 27)                         | Chlordane-5     | 6.297 | 7.175 | 339.6E6 | 117.5E6  | 1361.990 | 1202.941   |
| -----                       |                 |       |       |         |          |          |            |

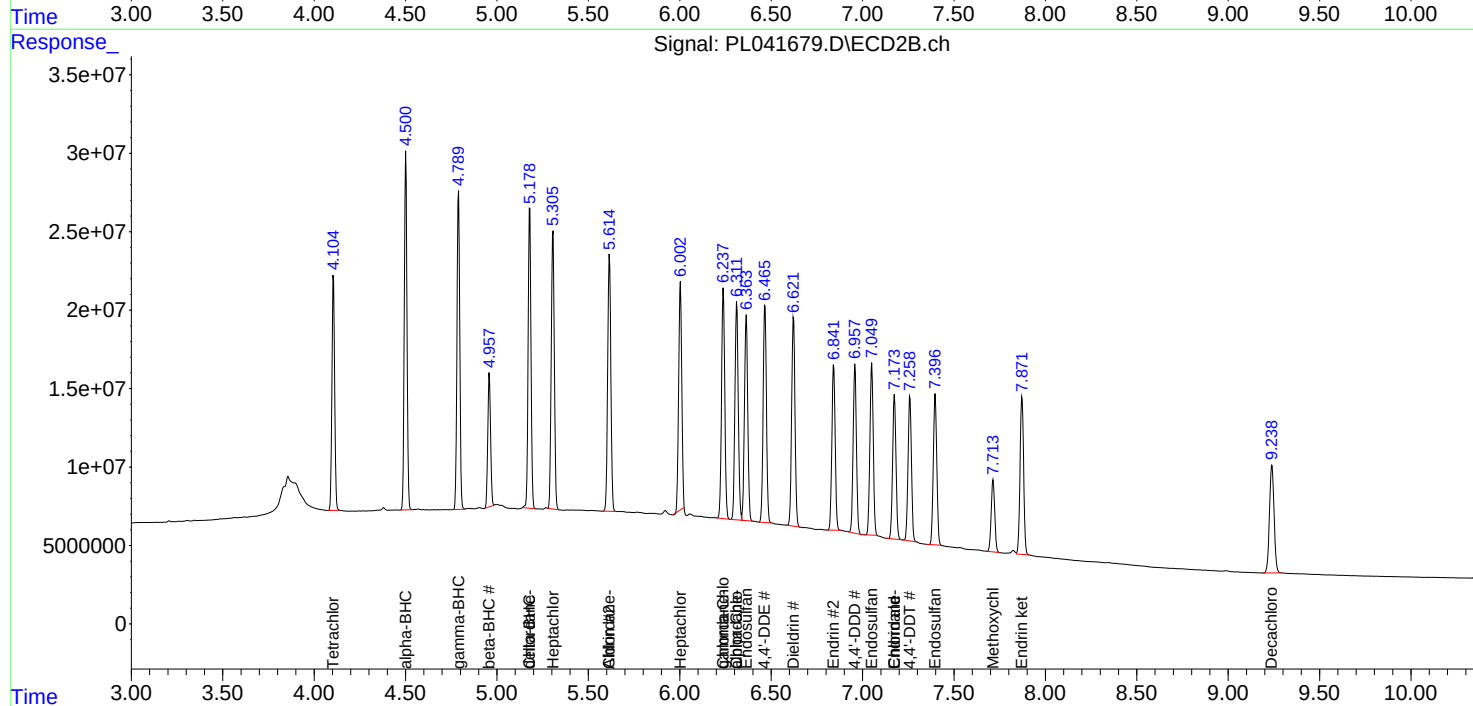
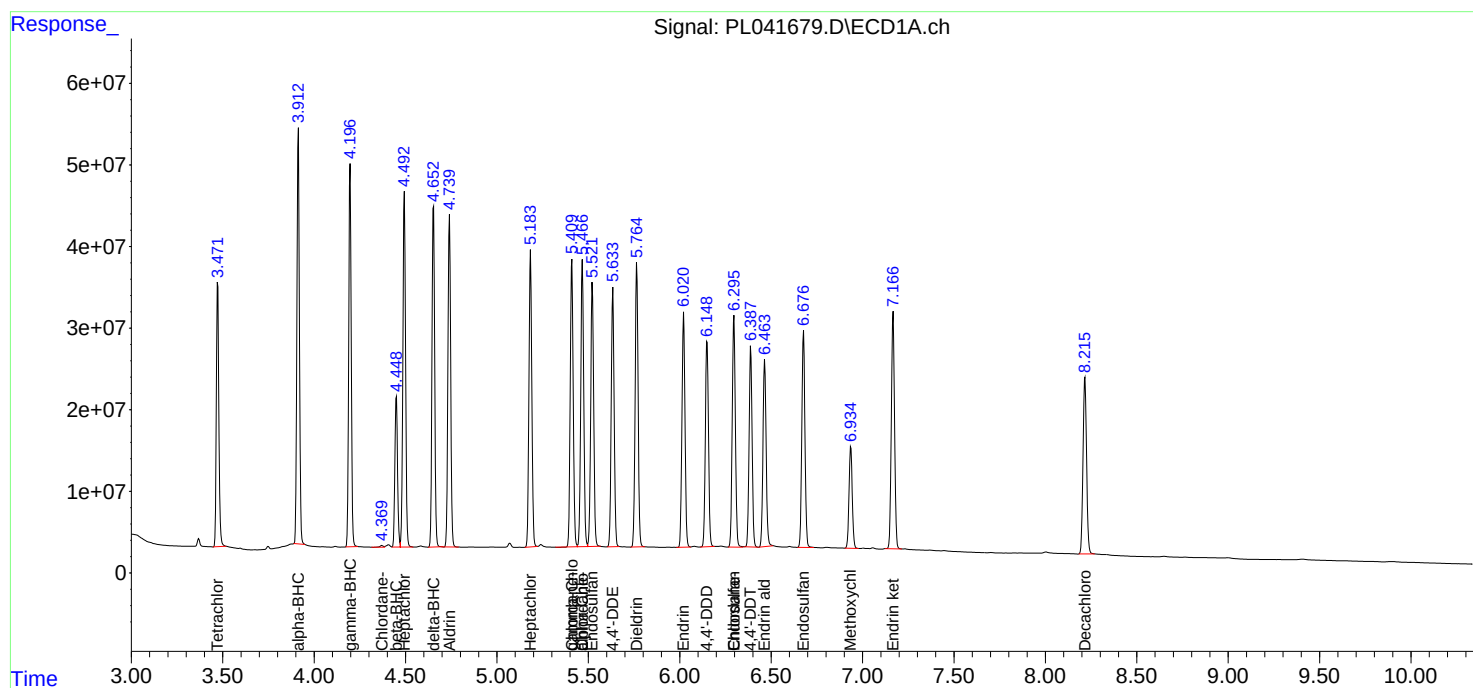
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

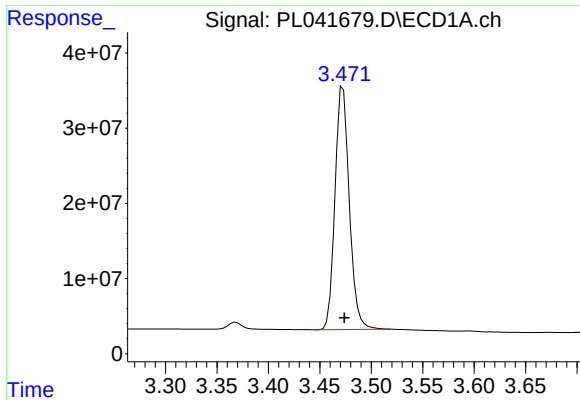
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110118\  
Data File : PL041679.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Nov 2018 05:12  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 02 05:26:45 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102918.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 30 01:26:00 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

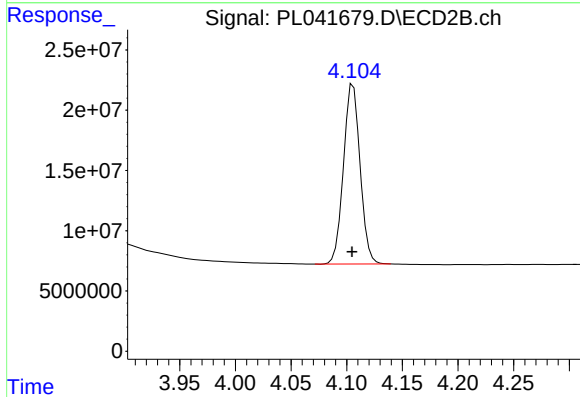




#1 Tetrachloro-m-xylene

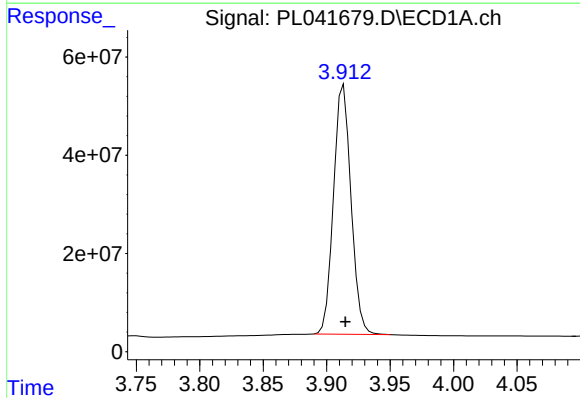
R.T.: 3.473 min  
Delta R.T.: -0.001 min  
Response: 313235156  
Conc: 49.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



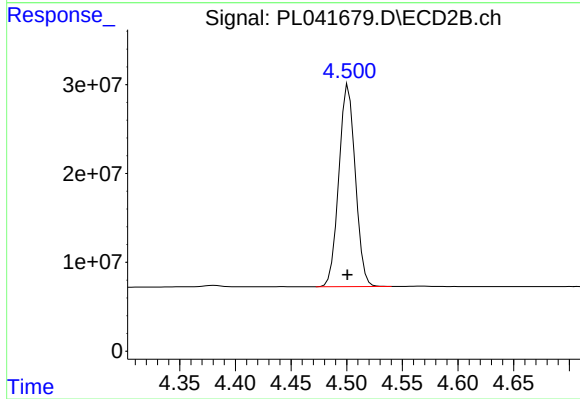
#1 Tetrachloro-m-xylene

R.T.: 4.106 min  
Delta R.T.: 0.001 min  
Response: 155097165  
Conc: 50.35 ng/ml



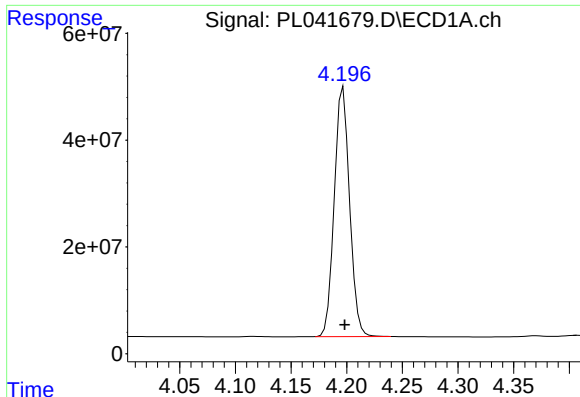
#2 alpha-BHC

R.T.: 3.913 min  
Delta R.T.: -0.001 min  
Response: 488020351  
Conc: 50.23 ng/ml



#2 alpha-BHC

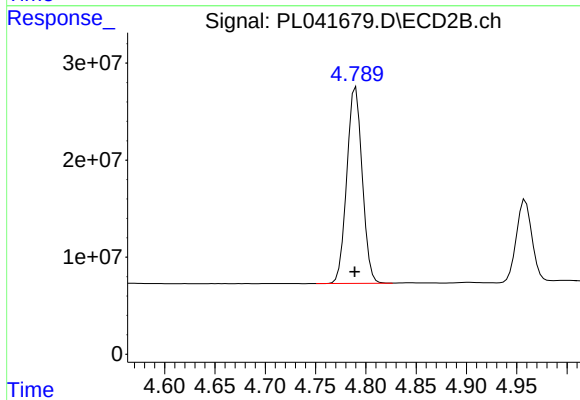
R.T.: 4.502 min  
Delta R.T.: 0.000 min  
Response: 233937876  
Conc: 51.00 ng/ml



#3 gamma-BHC (Lindane)

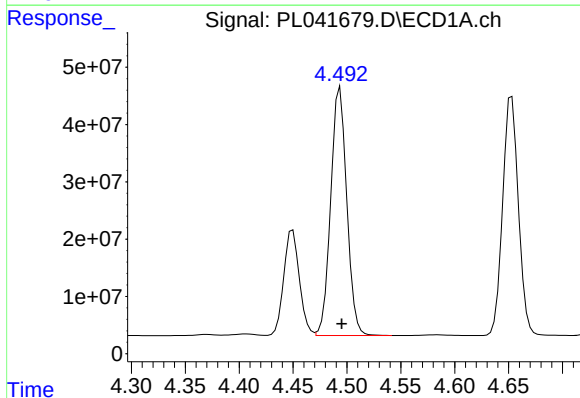
R.T.: 4.197 min  
Delta R.T.: -0.001 min  
Response: 447618302  
Conc: 50.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



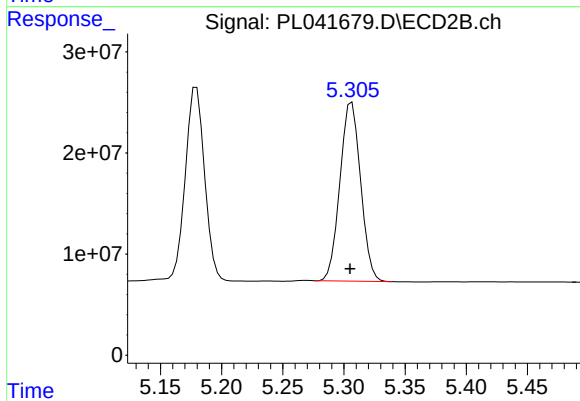
#3 gamma-BHC (Lindane)

R.T.: 4.790 min  
Delta R.T.: 0.001 min  
Response: 215265785  
Conc: 50.77 ng/ml



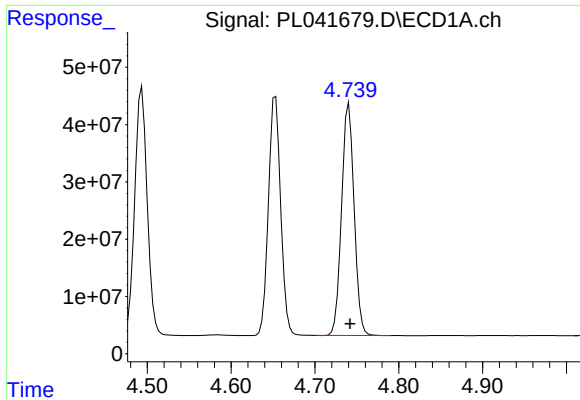
#4 Heptachlor

R.T.: 4.494 min  
Delta R.T.: -0.002 min  
Response: 448165420  
Conc: 48.90 ng/ml



#4 Heptachlor

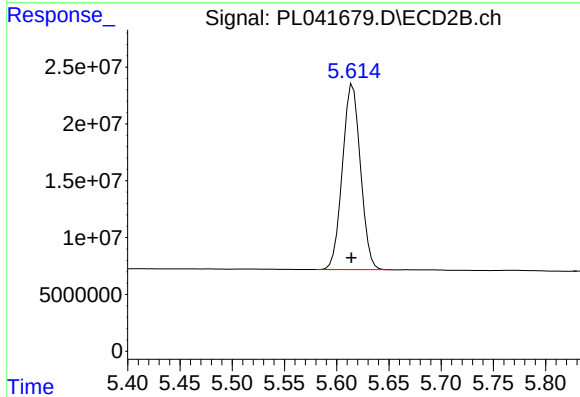
R.T.: 5.306 min  
Delta R.T.: 0.001 min  
Response: 208239671  
Conc: 51.21 ng/ml



#5 Aldrin

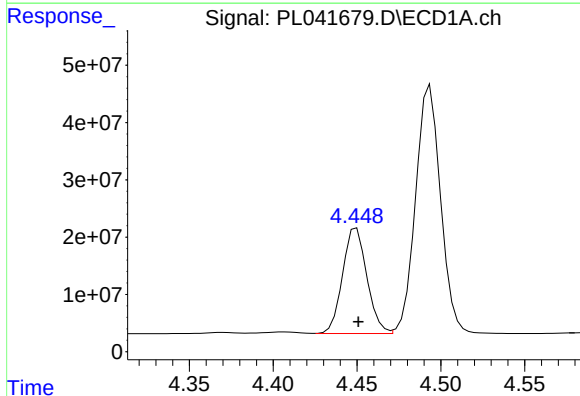
R.T.: 4.741 min  
Delta R.T.: -0.002 min  
Response: 420995673  
Conc: 49.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



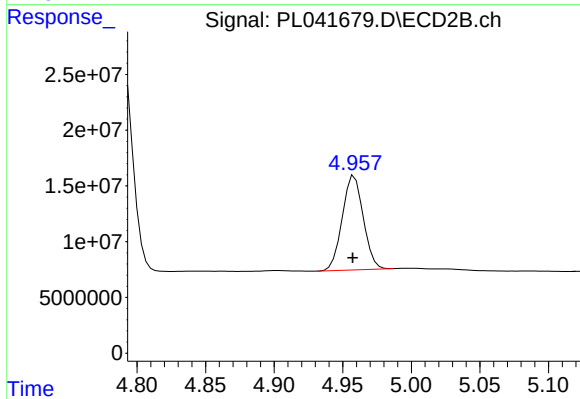
#5 Aldrin

R.T.: 5.615 min  
Delta R.T.: 0.001 min  
Response: 196423483  
Conc: 51.43 ng/ml



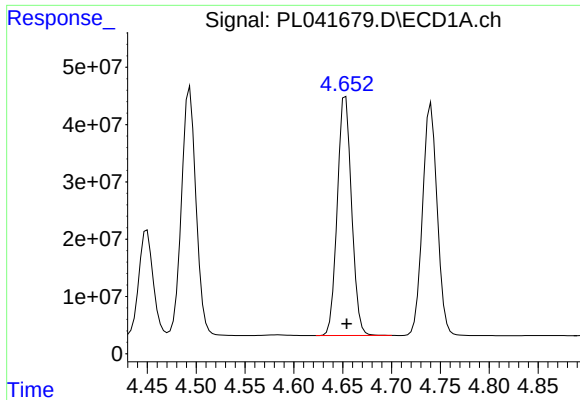
#6 beta-BHC

R.T.: 4.450 min  
Delta R.T.: -0.001 min  
Response: 185729255  
Conc: 49.28 ng/ml



#6 beta-BHC

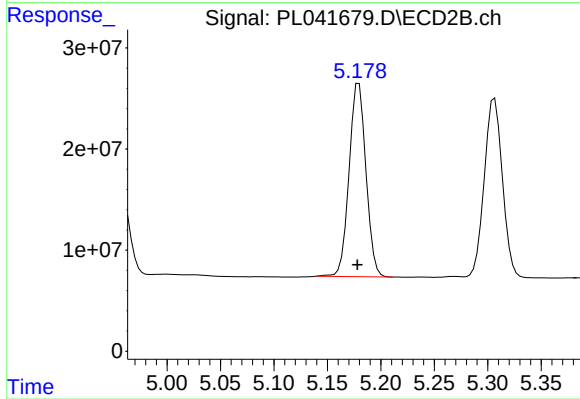
R.T.: 4.959 min  
Delta R.T.: 0.001 min  
Response: 90082723  
Conc: 52.45 ng/ml



#7 delta-BHC

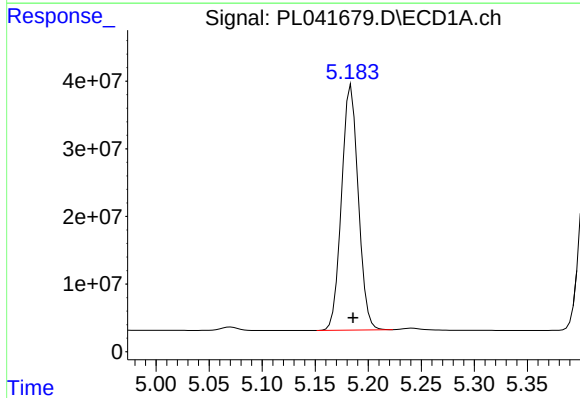
R.T.: 4.653 min  
Delta R.T.: -0.001 min  
Response: 425603161  
Conc: 51.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



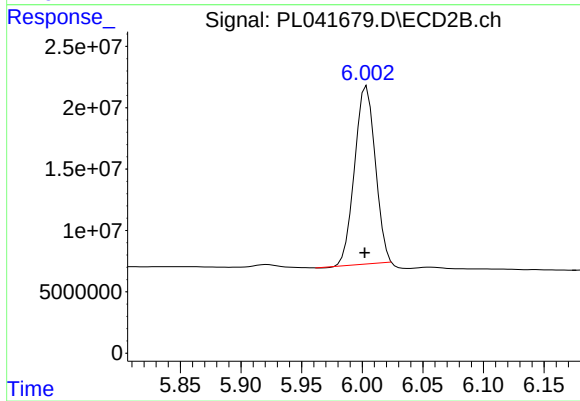
#7 delta-BHC

R.T.: 5.180 min  
Delta R.T.: 0.001 min  
Response: 209887213  
Conc: 51.97 ng/ml



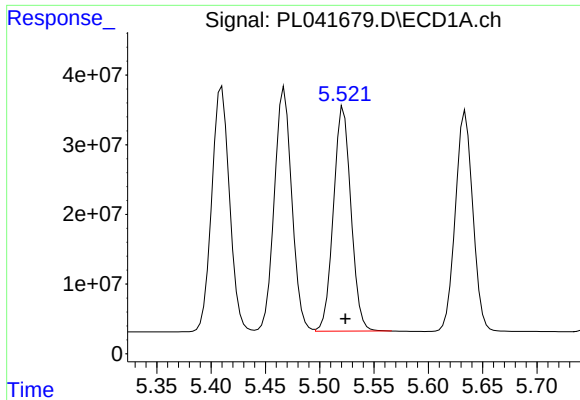
#8 Heptachlor epoxide

R.T.: 5.184 min  
Delta R.T.: -0.002 min  
Response: 396045166  
Conc: 49.05 ng/ml



#8 Heptachlor epoxide

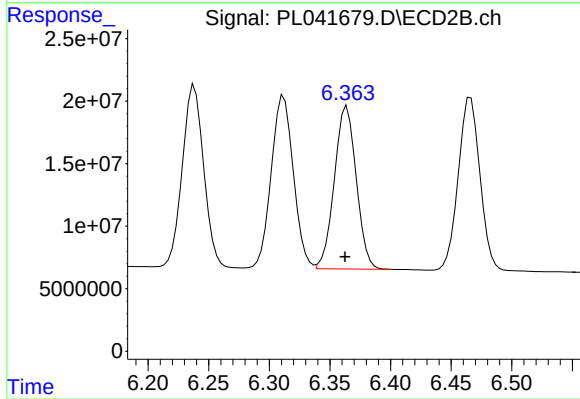
R.T.: 6.004 min  
Delta R.T.: 0.002 min  
Response: 171762906  
Conc: 48.86 ng/ml



#9 Endosulfan I

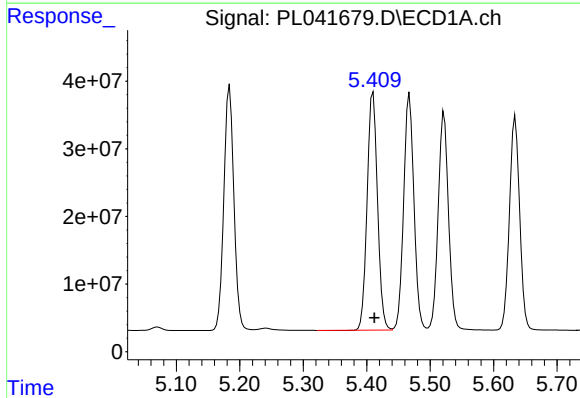
R.T.: 5.522 min  
Delta R.T.: -0.002 min  
Response: 362520722  
Conc: 48.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



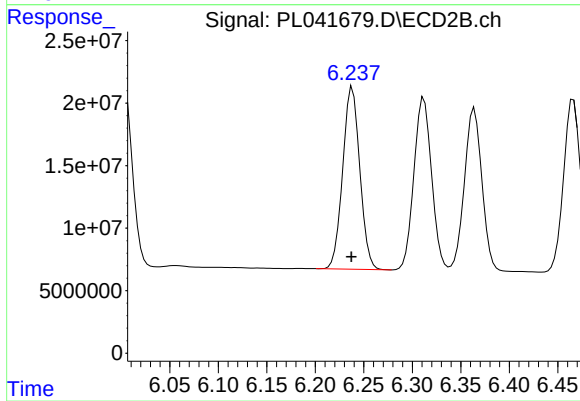
#9 Endosulfan I

R.T.: 6.364 min  
Delta R.T.: 0.002 min  
Response: 163378593  
Conc: 52.57 ng/ml



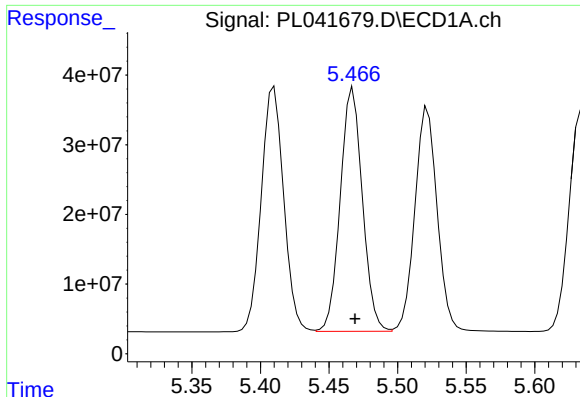
#10 gamma-Chlordane

R.T.: 5.410 min  
Delta R.T.: -0.002 min  
Response: 399462514  
Conc: 49.05 ng/ml



#10 gamma-Chlordane

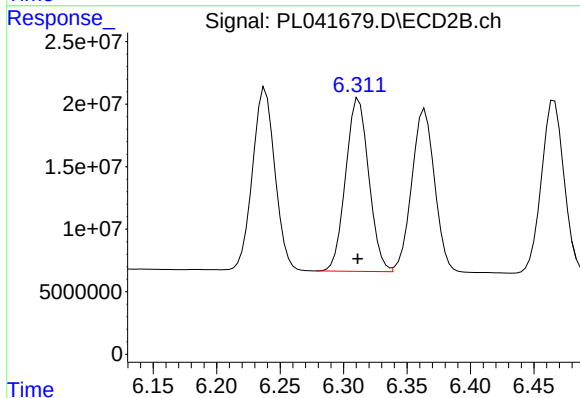
R.T.: 6.238 min  
Delta R.T.: 0.000 min  
Response: 178963323  
Conc: 53.01 ng/ml



#11 alpha-Chlordane

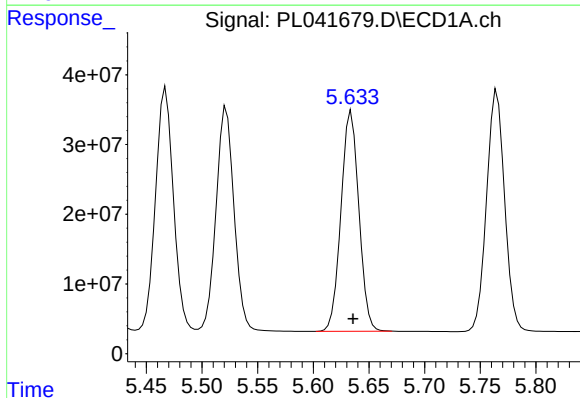
R.T.: 5.468 min  
Delta R.T.: -0.002 min  
Response: 392975387  
Conc: 48.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



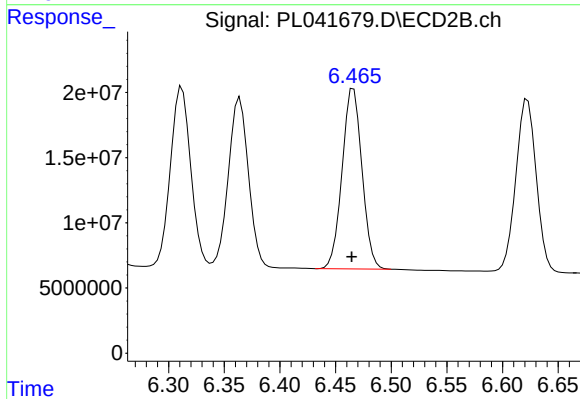
#11 alpha-Chlordane

R.T.: 6.312 min  
Delta R.T.: 0.000 min  
Response: 175653045  
Conc: 51.90 ng/ml



#12 4,4'-DDE

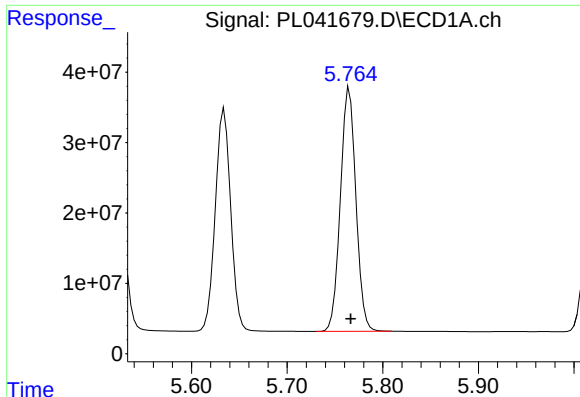
R.T.: 5.634 min  
Delta R.T.: -0.001 min  
Response: 353432386  
Conc: 49.38 ng/ml



#12 4,4'-DDE

R.T.: 6.466 min  
Delta R.T.: 0.001 min  
Response: 171957389  
Conc: 52.55 ng/ml

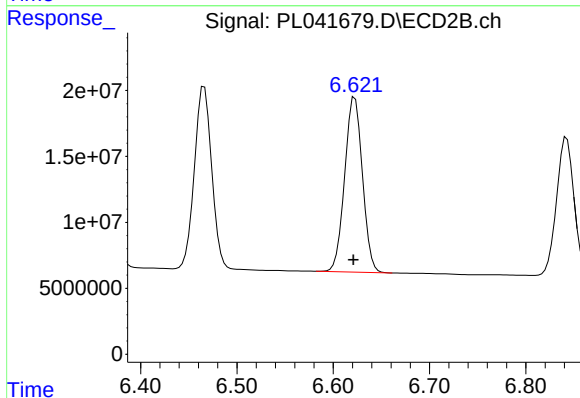




#13 Dieldrin

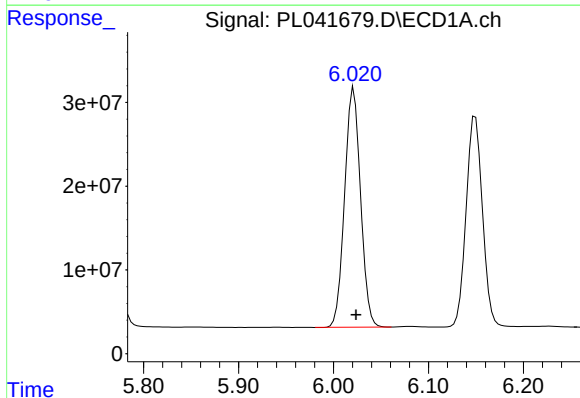
R.T.: 5.765 min  
Delta R.T.: -0.002 min  
Response: 391164902  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



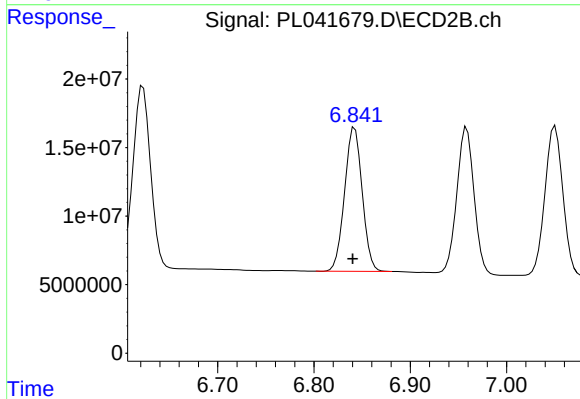
#13 Dieldrin

R.T.: 6.622 min  
Delta R.T.: 0.001 min  
Response: 168996592  
Conc: 52.43 ng/ml



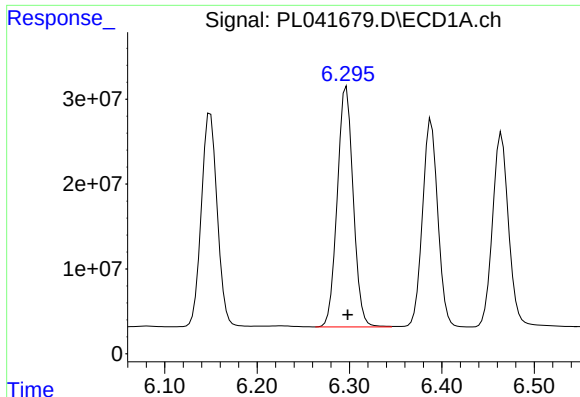
#14 Endrin

R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 333464487  
Conc: 45.59 ng/ml



#14 Endrin

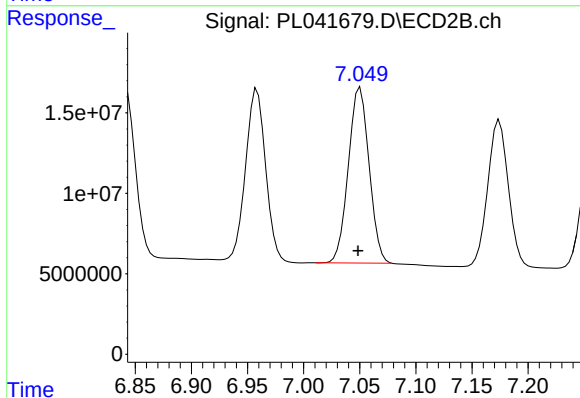
R.T.: 6.842 min  
Delta R.T.: 0.002 min  
Response: 132566672  
Conc: 48.76 ng/ml



#15 Endosulfan II

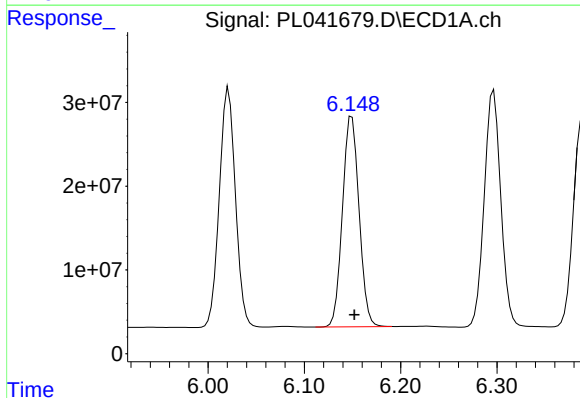
R.T.: 6.297 min  
Delta R.T.: -0.001 min  
Response: 339631020  
Conc: 49.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



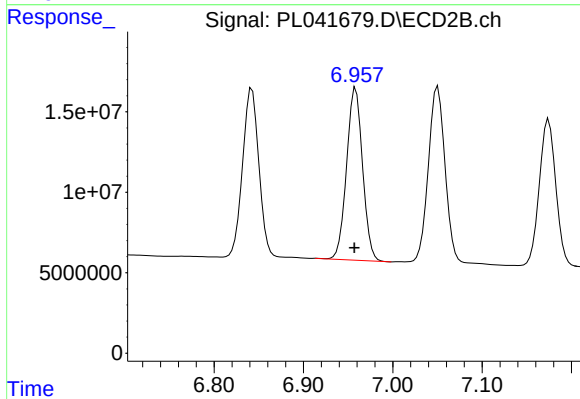
#15 Endosulfan II

R.T.: 7.050 min  
Delta R.T.: 0.002 min  
Response: 140332514  
Conc: 51.87 ng/ml



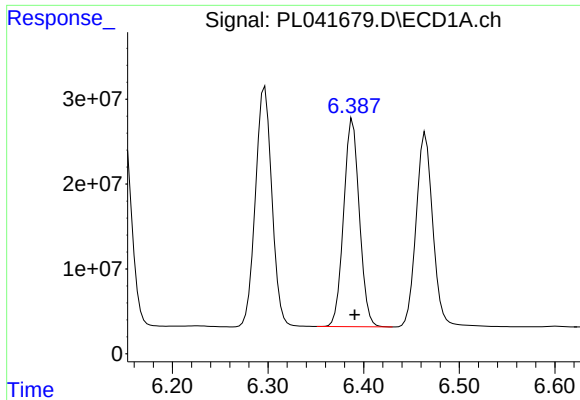
#16 4,4'-DDD

R.T.: 6.149 min  
Delta R.T.: -0.003 min  
Response: 299996739  
Conc: 51.63 ng/ml



#16 4,4'-DDD

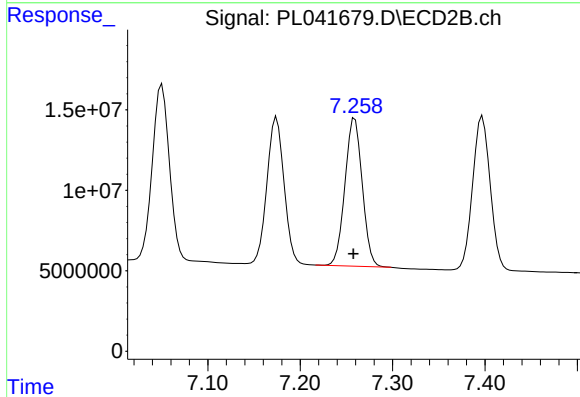
R.T.: 6.959 min  
Delta R.T.: 0.002 min  
Response: 133314233  
Conc: 53.54 ng/ml



#17 4,4'-DDT

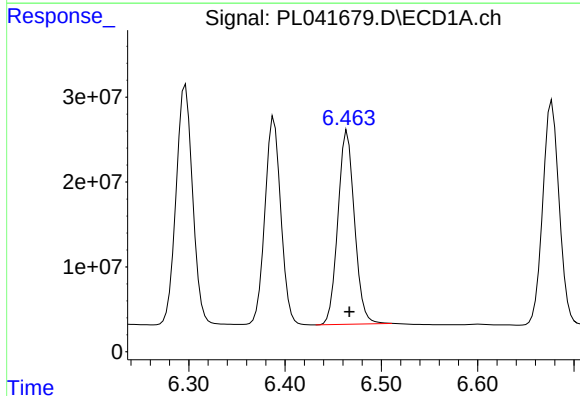
R.T.: 6.388 min  
Delta R.T.: -0.002 min  
Response: 280938576  
Conc: 46.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



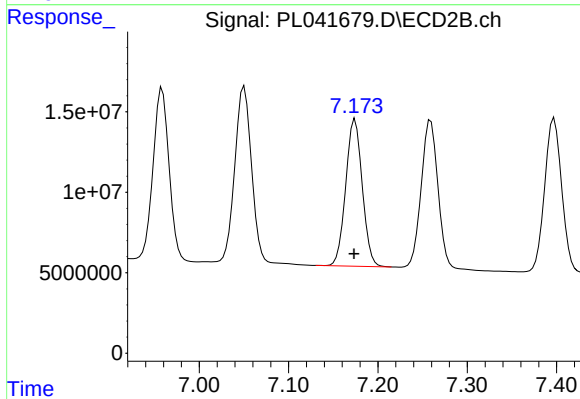
#17 4,4'-DDT

R.T.: 7.259 min  
Delta R.T.: 0.002 min  
Response: 119467834  
Conc: 47.52 ng/ml



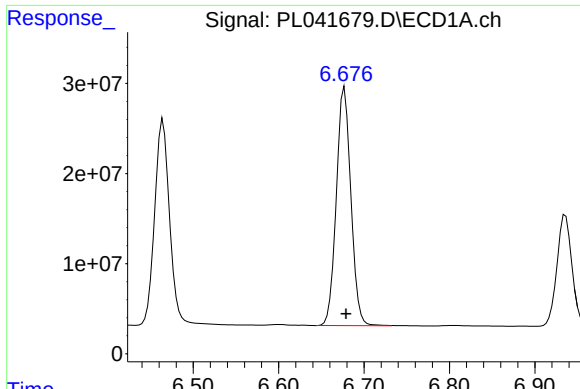
#18 Endrin aldehyde

R.T.: 6.465 min  
Delta R.T.: -0.002 min  
Response: 273368540  
Conc: 49.63 ng/ml



#18 Endrin aldehyde

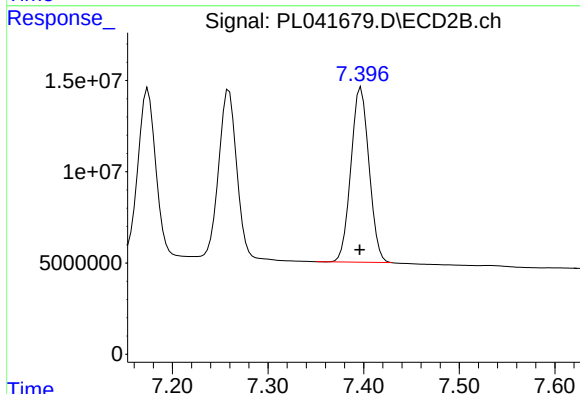
R.T.: 7.175 min  
Delta R.T.: 0.001 min  
Response: 117480762  
Conc: 53.67 ng/ml



#19 Endosulfan Sulfate

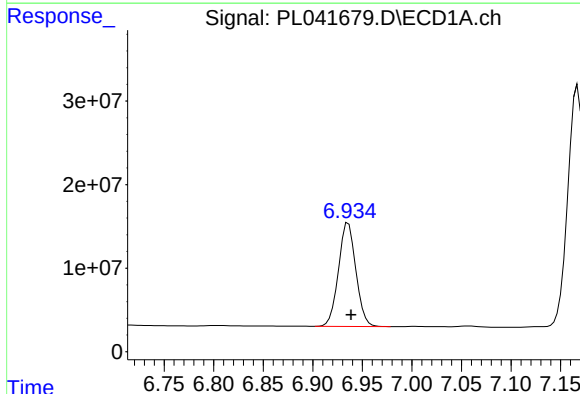
R.T.: 6.677 min  
Delta R.T.: -0.002 min  
Response: 313614348  
Conc: 49.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



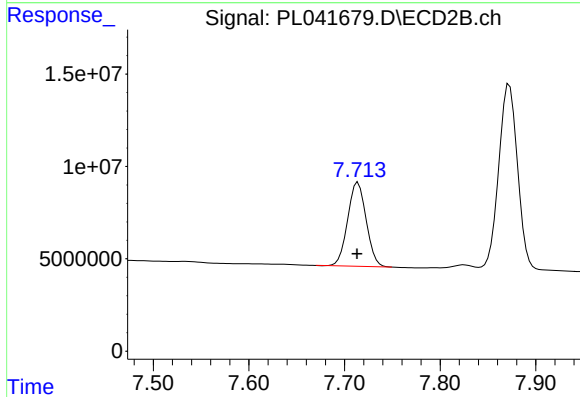
#19 Endosulfan Sulfate

R.T.: 7.397 min  
Delta R.T.: 0.001 min  
Response: 126428078  
Conc: 50.95 ng/ml



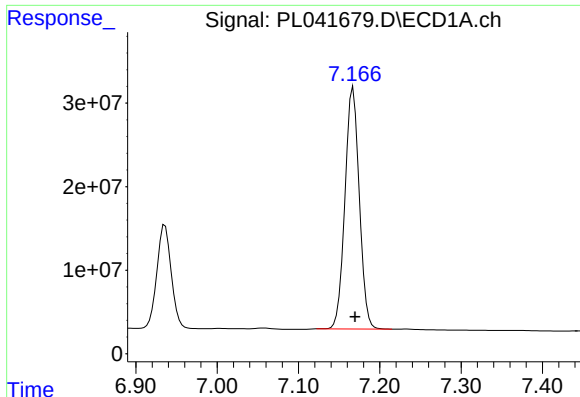
#20 Methoxychlor

R.T.: 6.936 min  
Delta R.T.: -0.003 min  
Response: 151531054  
Conc: 45.08 ng/ml



#20 Methoxychlor

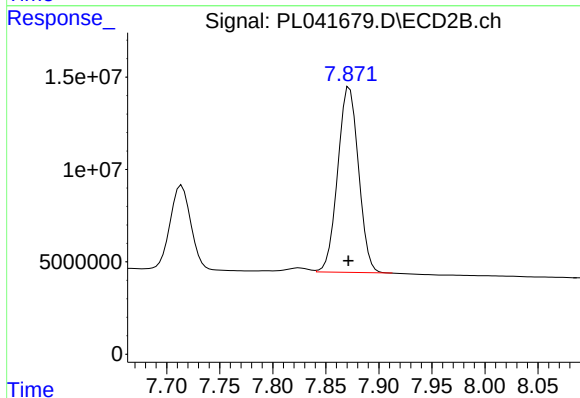
R.T.: 7.714 min  
Delta R.T.: 0.001 min  
Response: 61283777  
Conc: 47.30 ng/ml



#21 Endrin ketone

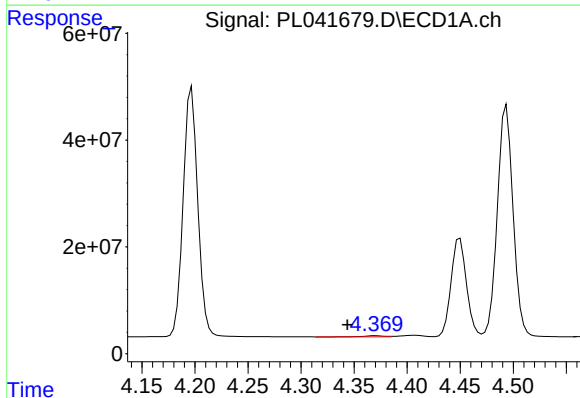
R.T.: 7.167 min  
Delta R.T.: -0.002 min  
Response: 353562670  
Conc: 48.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



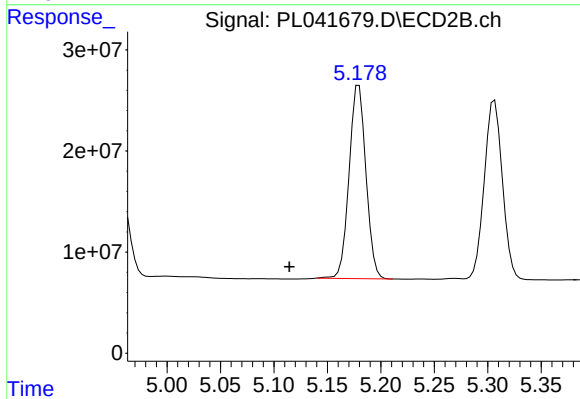
#21 Endrin ketone

R.T.: 7.872 min  
Delta R.T.: 0.000 min  
Response: 136705902  
Conc: 51.95 ng/ml



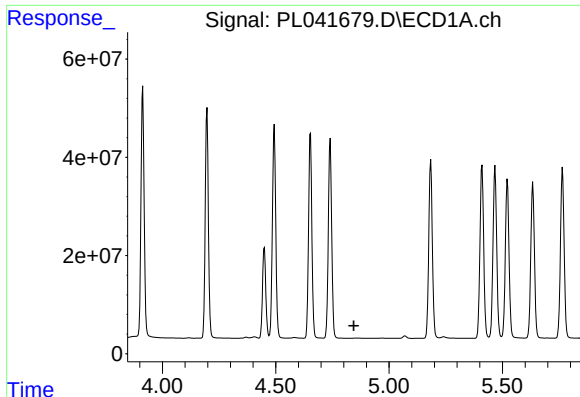
#23 Chlordane-1

R.T.: 4.370 min  
Delta R.T.: 0.027 min  
Response: 2587830  
Conc: 9.13 ng/ml



#23 Chlordane-1

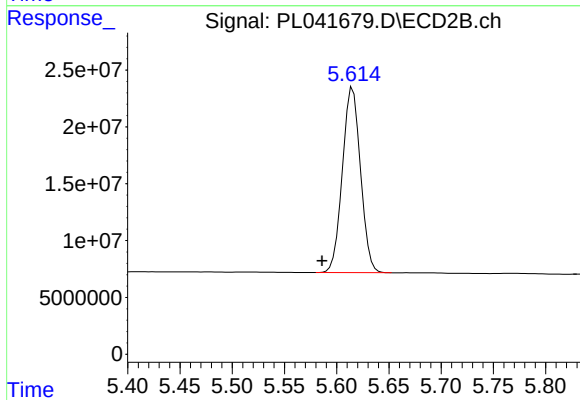
R.T.: 5.180 min  
Delta R.T.: 0.065 min  
Response: 209887213  
Conc: 1511.18 ng/ml



#24 Chlordane-2

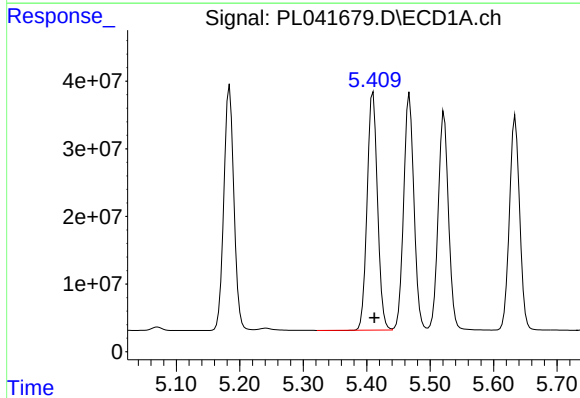
R.T.: 0.000 min  
Exp R.T.: 4.844 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



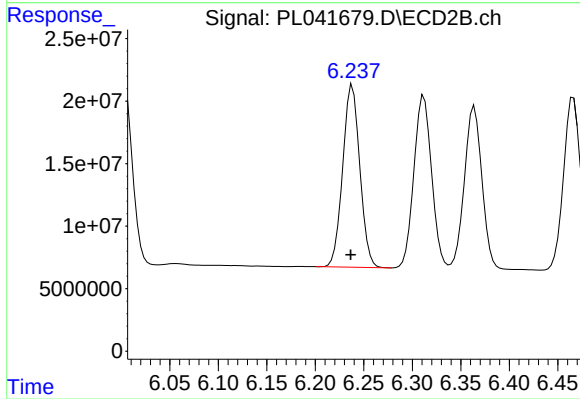
#24 Chlordane-2

R.T.: 5.615 min  
Delta R.T.: 0.029 min  
Response: 196423483  
Conc: 1478.15 ng/ml



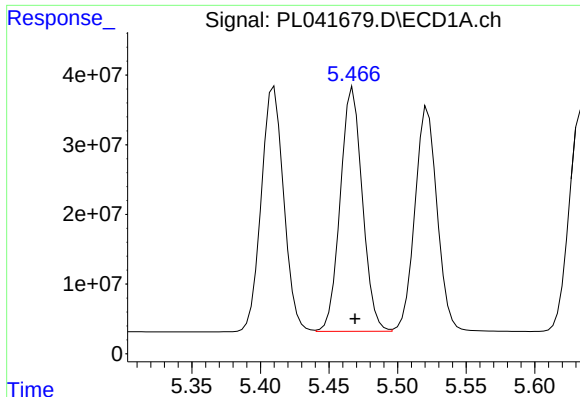
#25 Chlordane-3

R.T.: 5.410 min  
Delta R.T.: -0.002 min  
Response: 399462514  
Conc: 448.19 ng/ml



#25 Chlordane-3

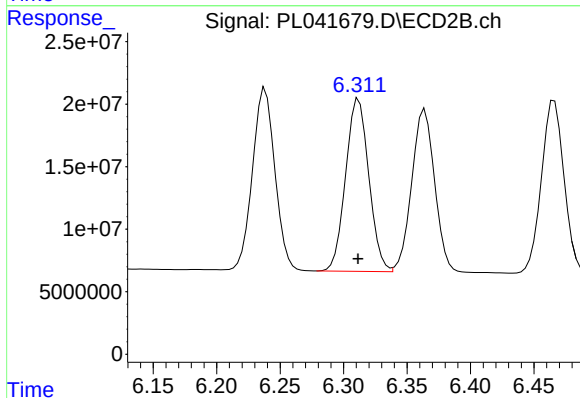
R.T.: 6.238 min  
Delta R.T.: 0.002 min  
Response: 178963323  
Conc: 397.67 ng/ml



#26 Chlordane-4

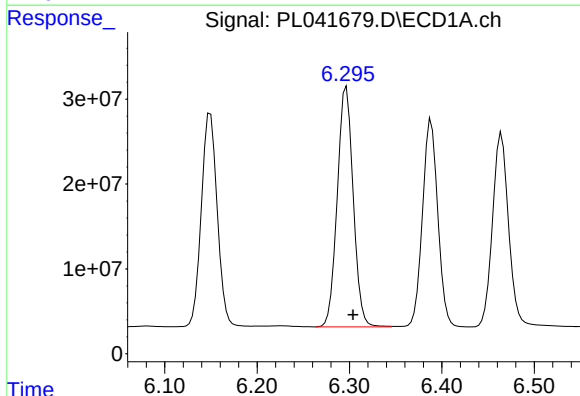
R.T.: 5.468 min  
Delta R.T.: -0.001 min  
Response: 392975387  
Conc: 501.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



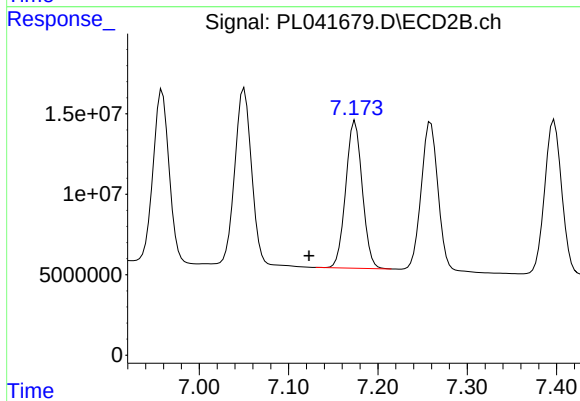
#26 Chlordane-4

R.T.: 6.312 min  
Delta R.T.: 0.000 min  
Response: 175653045  
Conc: 335.97 ng/ml



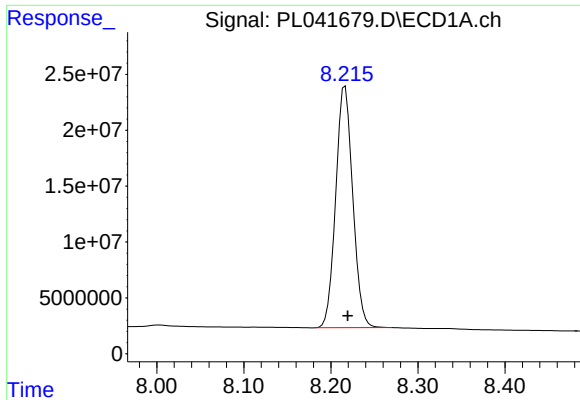
#27 Chlordane-5

R.T.: 6.297 min  
Delta R.T.: -0.007 min  
Response: 339631020  
Conc: 1361.99 ng/ml



#27 Chlordane-5

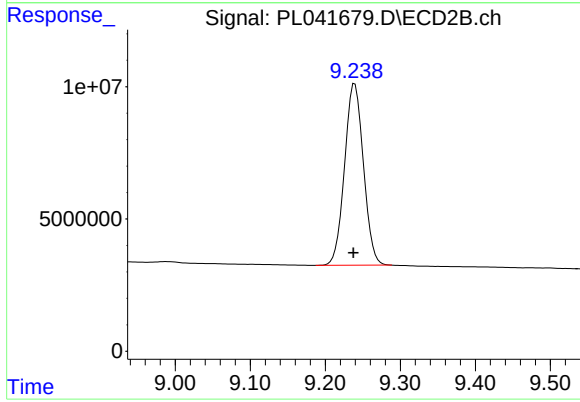
R.T.: 7.175 min  
Delta R.T.: 0.052 min  
Response: 117480762  
Conc: 1202.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.216 min  
Delta R.T.: -0.003 min  
Response: 294147306  
Conc: 44.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.239 min  
Delta R.T.: 0.002 min  
Response: 120206700  
Conc: 46.92 ng/ml