

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010319\  
 Data File : PL043565.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jan 2019 18:36  
 Operator : AJ\SJ  
 Sample : WATER IDOC 04  
 Misc : FOR FE (EXTRACTION) PB116118  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 04 06:51:35 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010319.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 04 06:12:42 2019  
 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... | 3.463 | 4.099 | 113.6E6 | 59162516 | 17.786   | 20.248     |
| 28)                         | SA Decachlor... | 8.198 | 9.229 | 109.8E6 | 43453917 | 21.787   | 19.657     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.902 | 4.495 | 482.6E6 | 223.9E6  | 49.895   | 52.977     |
| 3)                          | MA gamma-BHC... | 4.186 | 4.784 | 446.7E6 | 210.5E6  | 51.144   | 52.887     |
| 4)                          | MA Heptachlor   | 4.480 | 5.299 | 454.5E6 | 205.1E6  | 50.865   | 52.389     |
| 5)                          | MB Aldrin       | 4.726 | 5.607 | 424.6E6 | 198.0E6  | 51.748   | 52.452     |
| 6)                          | B beta-BHC      | 4.440 | 4.953 | 179.1E6 | 89975059 | 48.954   | 53.722     |
| 7)                          | B delta-BHC     | 4.641 | 5.174 | 358.2E6 | 174.3E6  | 45.001   | 41.217     |
| 8)                          | B Heptachlo...  | 5.169 | 5.996 | 401.4E6 | 189.8E6  | 52.191   | 51.908     |
| 9)                          | A Endosulfan I  | 5.506 | 6.356 | 365.2E6 | 160.1E6  | 51.396   | 54.360     |
| 10)                         | B gamma-Chl...  | 5.395 | 6.231 | 405.8E6 | 175.5E6  | 51.751   | 54.470     |
| 11)                         | B alpha-Chl...  | 5.452 | 6.304 | 394.1E6 | 170.4E6  | 51.156   | 54.488     |
| 12)                         | B 4,4'-DDE      | 5.618 | 6.458 | 362.5E6 | 175.0E6  | 54.501   | 53.667     |
| 13)                         | MA Dieldrin     | 5.748 | 6.614 | 392.4E6 | 169.6E6  | 55.284   | 52.811     |
| 14)                         | MA Endrin       | 6.005 | 6.834 | 337.5E6 | 137.6E6  | 55.251   | 54.463     |
| 15)                         | B Endosulfa...  | 6.281 | 7.043 | 329.8E6 | 145.7E6  | 56.425   | 56.436     |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.951 | 299.0E6 | 137.5E6  | 56.437   | 55.564     |
| 17)                         | MA 4,4'-DDT     | 6.372 | 7.251 | 282.6E6 | 124.9E6  | 56.011   | 55.934     |
| 18)                         | B Endrin al...  | 6.448 | 7.167 | 279.1E6 | 121.4E6  | 55.511   | 57.037     |
| 19)                         | B Endosulfa...  | 6.661 | 7.390 | 298.9E6 | 136.1E6  | 48.108   | 54.212     |
| 20)                         | A Methoxychlor  | 6.918 | 7.708 | 152.8E6 | 64245428 | 55.341   | 57.058     |
| 21)                         | B Endrin ke...  | 7.150 | 7.865 | 366.2E6 | 141.5E6  | 56.467   | 56.814     |
| 23)                         | Chlordane-1     | 4.360 | 5.174 | -858489 | 174.3E6  | N.D.     | 1302.913   |
| 24)                         | Chlordane-2     | 0.000 | 5.607 | 0       | 198.0E6  | N.D.     | 1603.395 # |
| 25)                         | Chlordane-3     | 5.395 | 6.231 | 405.8E6 | 175.5E6  | 481.923  | 405.411    |
| 26)                         | Chlordane-4     | 5.452 | 6.304 | 394.1E6 | 170.4E6  | 529.298  | 339.527 #  |
| 27)                         | Chlordane-5     | 6.281 | 7.167 | 329.8E6 | 121.4E6  | 1555.420 | 1317.775   |
| -----                       |                 |       |       |         |          |          |            |

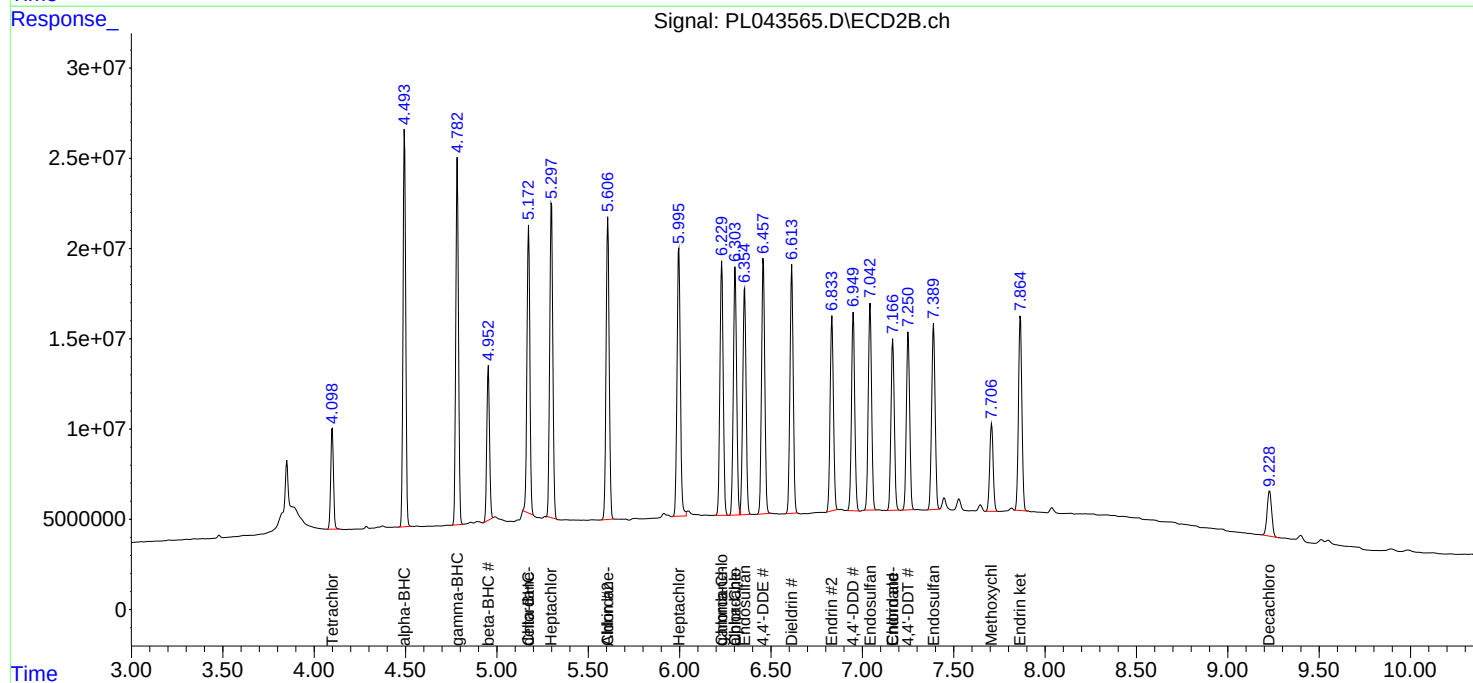
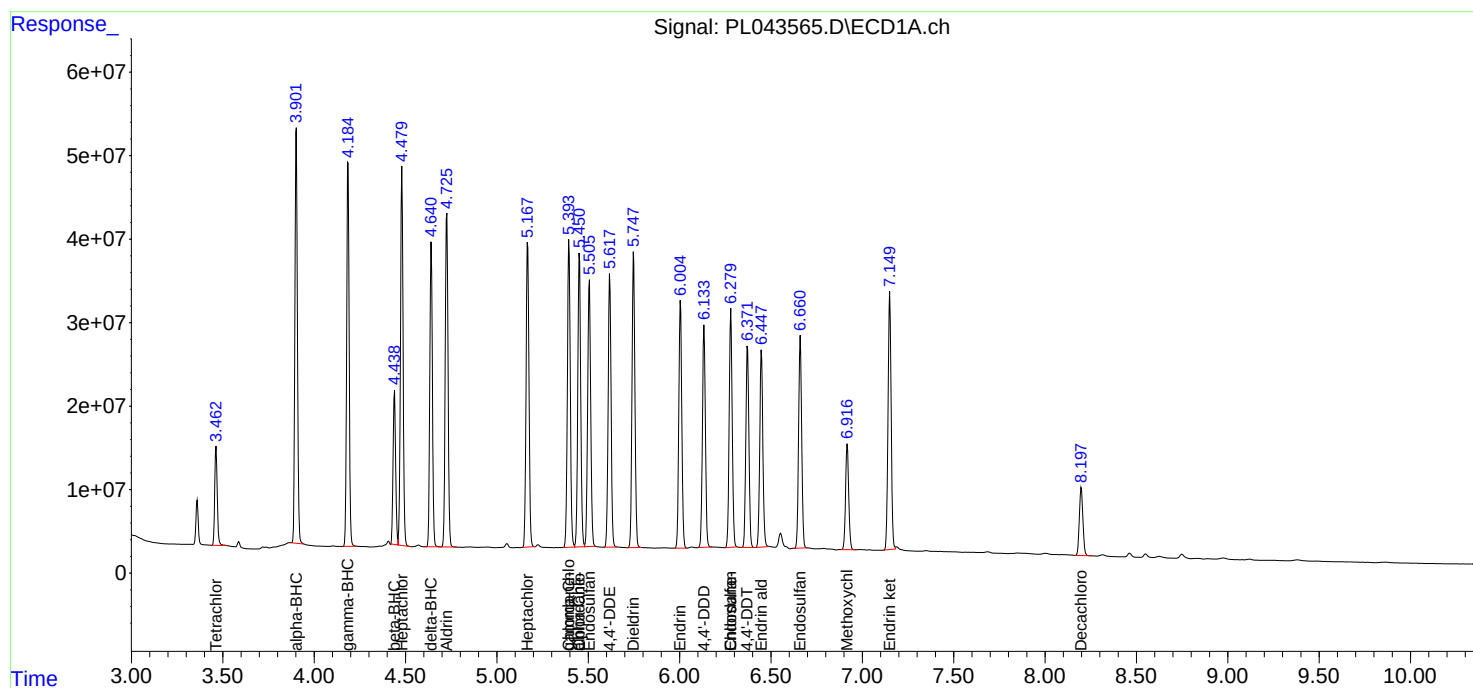
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

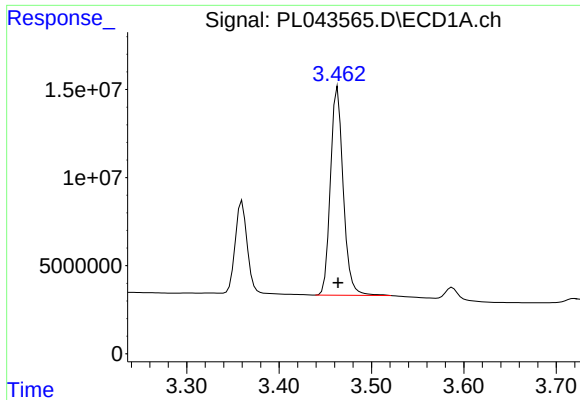
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010319\  
Data File : PL043565.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jan 2019 18:36  
Operator : AJ\SJ  
Sample : WATER IDOC 04  
Misc : FOR FE (EXTRACTION) PB116118  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 04 06:51:35 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010319.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 04 06:12:42 2019  
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

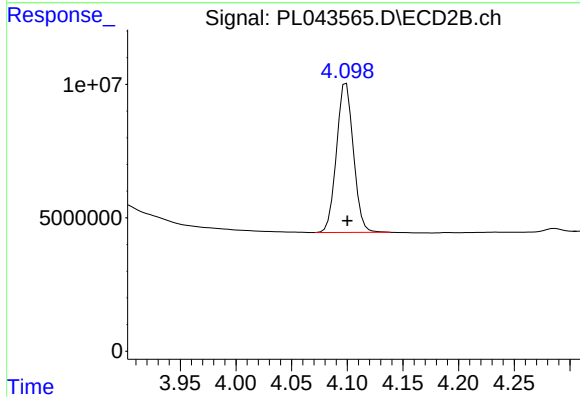




#1 Tetrachloro-m-xylene

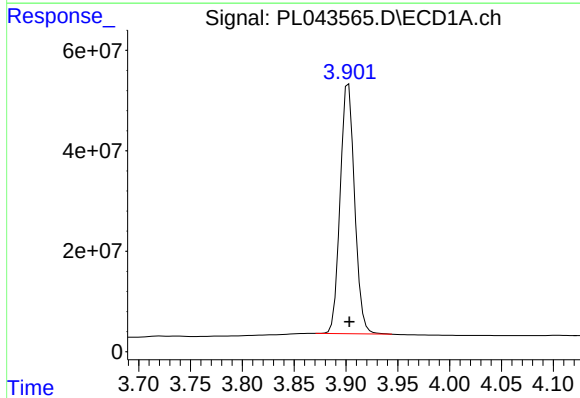
R.T.: 3.463 min  
Delta R.T.: 0.000 min  
Response: 113637187  
Conc: 17.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



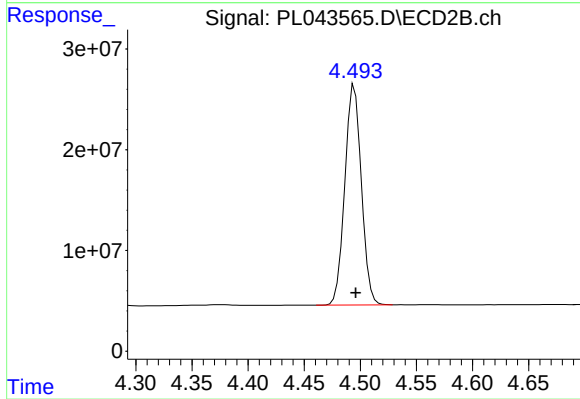
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 59162516  
Conc: 20.25 ng/ml



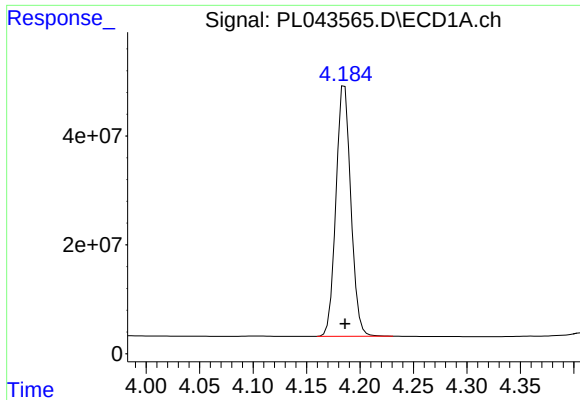
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 482617421  
Conc: 49.89 ng/ml



#2 alpha-BHC

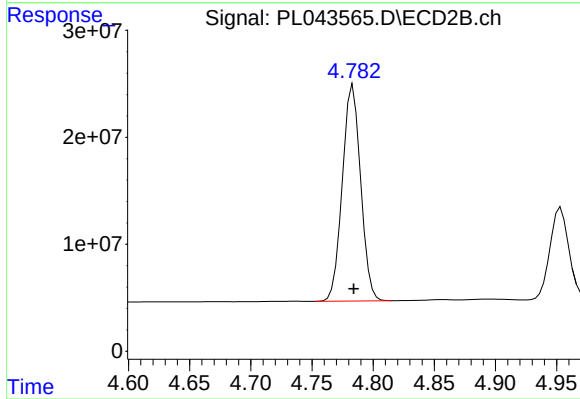
R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 223909602  
Conc: 52.98 ng/ml



#3 gamma-BHC (Lindane)

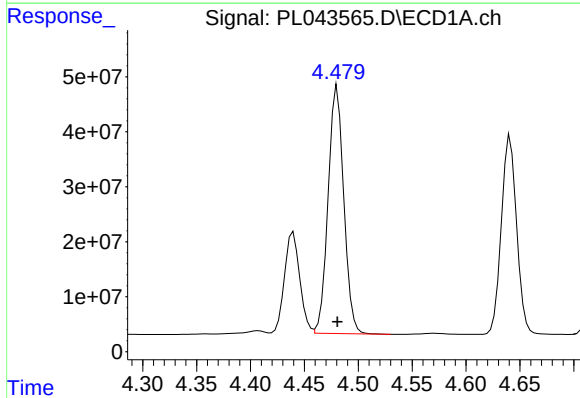
R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 446667218  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



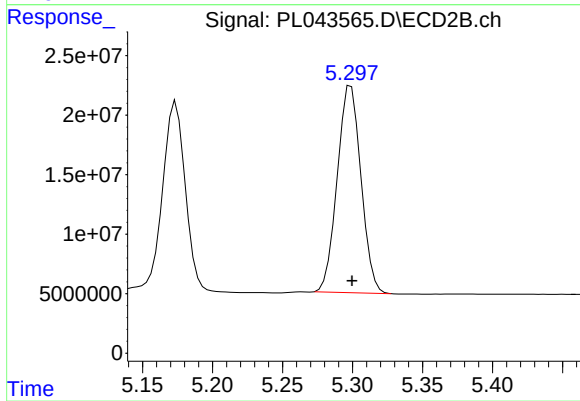
#3 gamma-BHC (Lindane)

R.T.: 4.784 min  
Delta R.T.: 0.000 min  
Response: 210480698  
Conc: 52.89 ng/ml



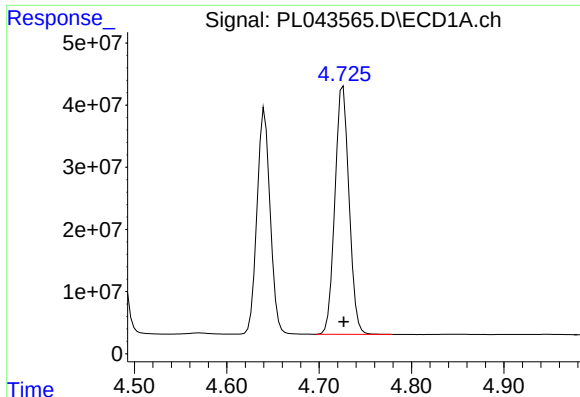
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 454458961  
Conc: 50.86 ng/ml



#4 Heptachlor

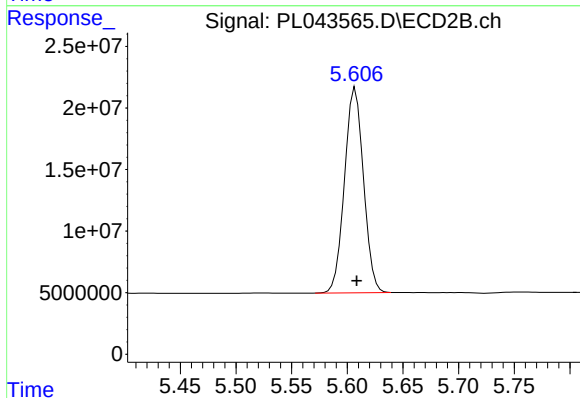
R.T.: 5.299 min  
Delta R.T.: 0.000 min  
Response: 205149532  
Conc: 52.39 ng/ml



#5 Aldrin

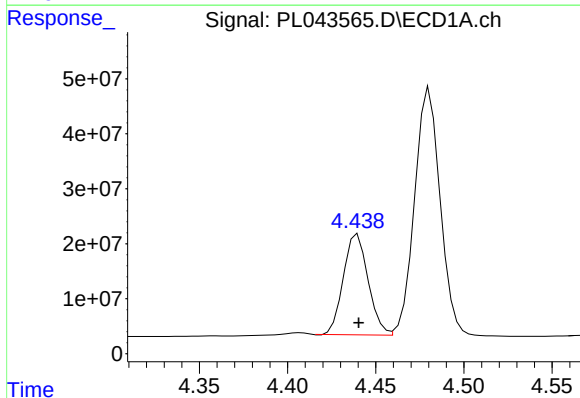
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 424580047  
Conc: 51.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



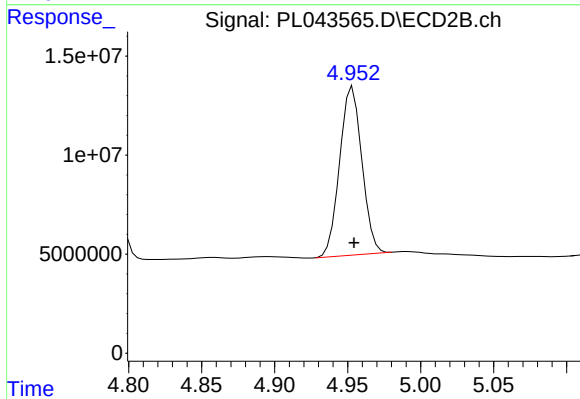
#5 Aldrin

R.T.: 5.607 min  
Delta R.T.: -0.001 min  
Response: 197991573  
Conc: 52.45 ng/ml



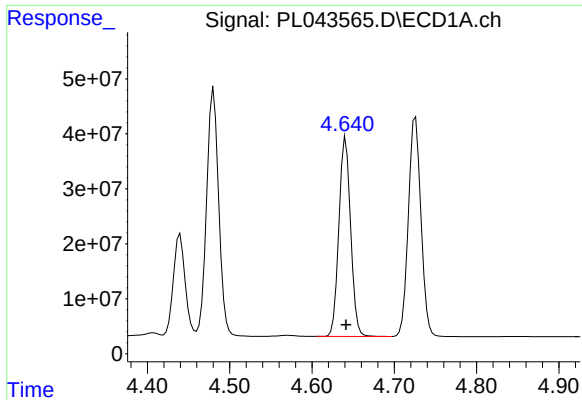
#6 beta-BHC

R.T.: 4.440 min  
Delta R.T.: 0.000 min  
Response: 179117592  
Conc: 48.95 ng/ml



#6 beta-BHC

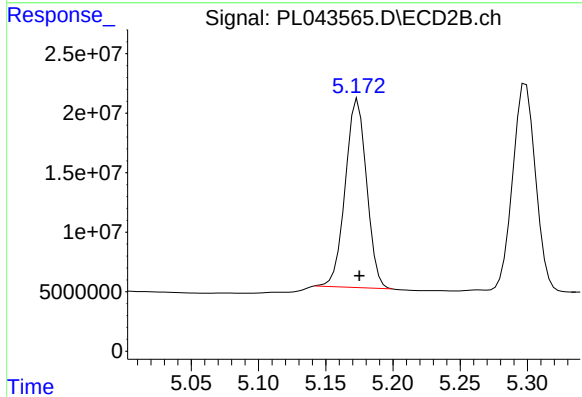
R.T.: 4.953 min  
Delta R.T.: -0.001 min  
Response: 89975059  
Conc: 53.72 ng/ml



#7 delta-BHC

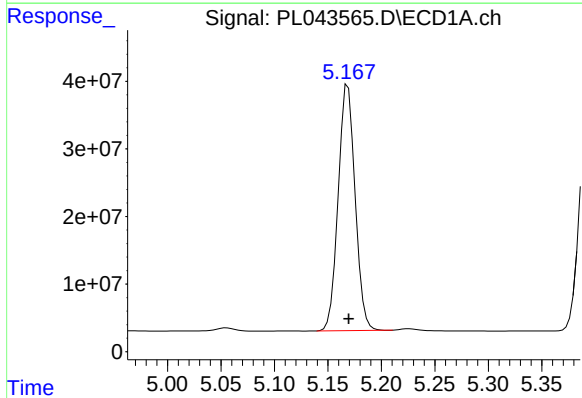
R.T.: 4.641 min  
Delta R.T.: 0.000 min  
Response: 358207251  
Conc: 45.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



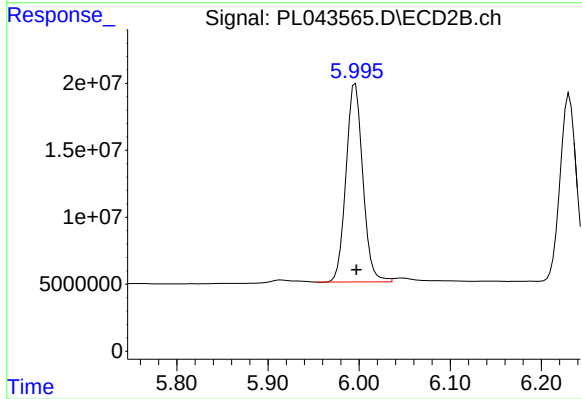
#7 delta-BHC

R.T.: 5.174 min  
Delta R.T.: -0.001 min  
Response: 174297032  
Conc: 41.22 ng/ml



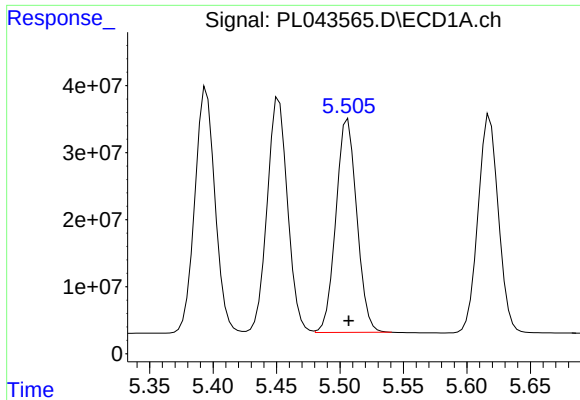
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 401351892  
Conc: 52.19 ng/ml



#8 Heptachlor epoxide

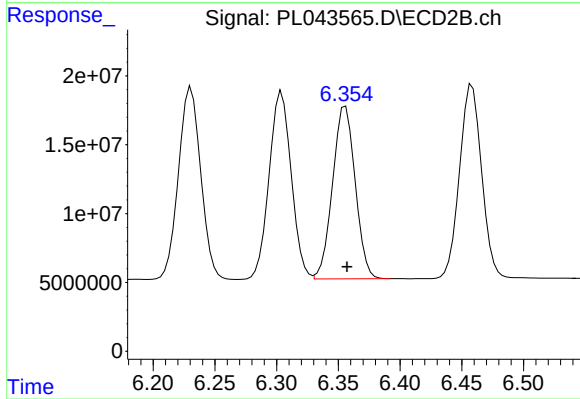
R.T.: 5.996 min  
Delta R.T.: 0.000 min  
Response: 189761171  
Conc: 51.91 ng/ml



#9 Endosulfan I

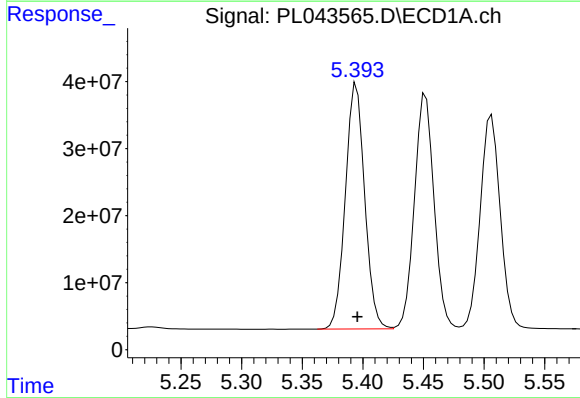
R.T.: 5.506 min  
Delta R.T.: 0.000 min  
Response: 365200442  
Conc: 51.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



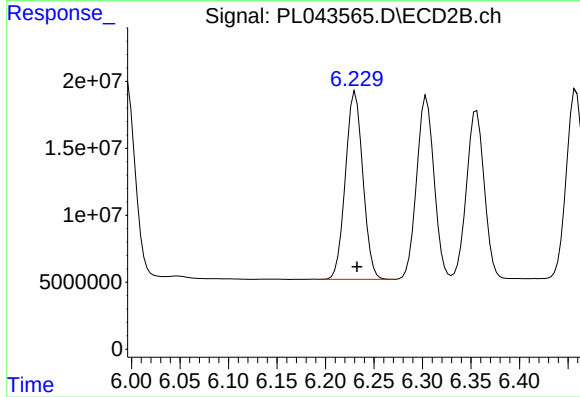
#9 Endosulfan I

R.T.: 6.356 min  
Delta R.T.: -0.001 min  
Response: 160141886  
Conc: 54.36 ng/ml



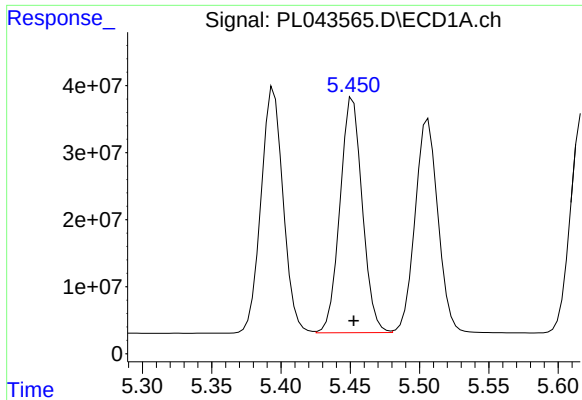
#10 gamma-Chlordane

R.T.: 5.395 min  
Delta R.T.: 0.000 min  
Response: 405837486  
Conc: 51.75 ng/ml



#10 gamma-Chlordane

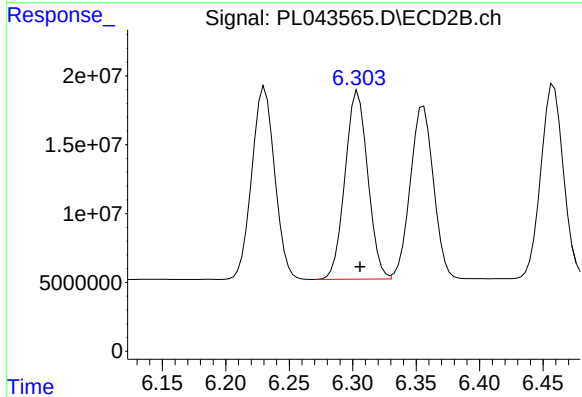
R.T.: 6.231 min  
Delta R.T.: -0.002 min  
Response: 175546744  
Conc: 54.47 ng/ml



#11 alpha-Chlordane

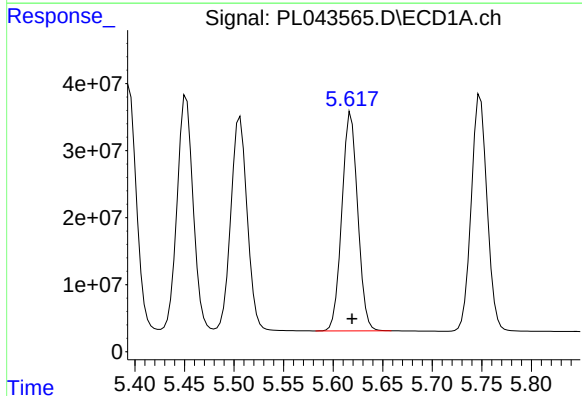
R.T.: 5.452 min  
Delta R.T.: 0.000 min  
Response: 394053488  
Conc: 51.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



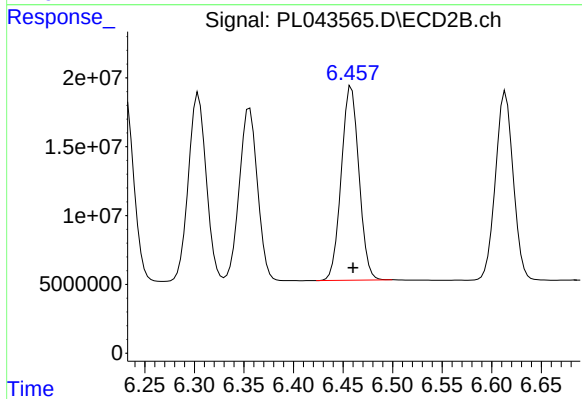
#11 alpha-Chlordane

R.T.: 6.304 min  
Delta R.T.: -0.002 min  
Response: 170400413  
Conc: 54.49 ng/ml



#12 4,4'-DDE

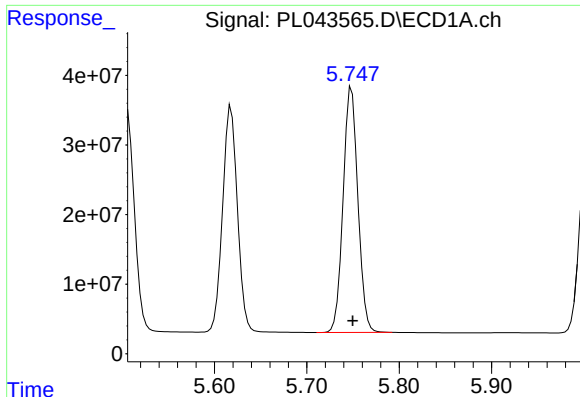
R.T.: 5.618 min  
Delta R.T.: 0.000 min  
Response: 362506975  
Conc: 54.50 ng/ml



#12 4,4'-DDE

R.T.: 6.458 min  
Delta R.T.: -0.002 min  
Response: 174996647  
Conc: 53.67 ng/ml

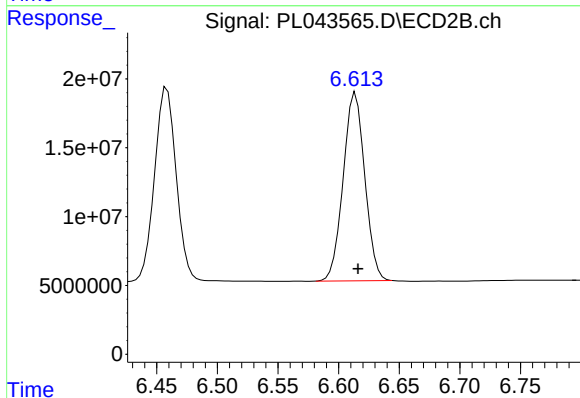




#13 Dieldrin

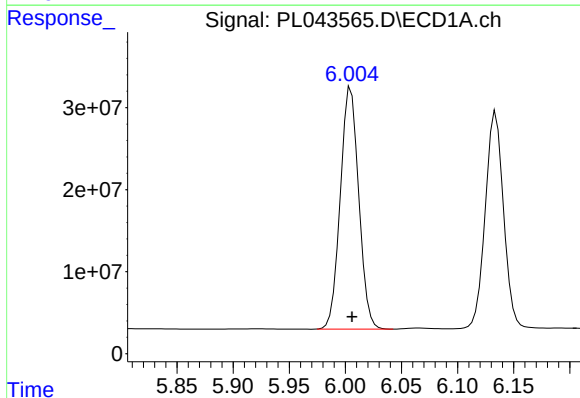
R.T.: 5.748 min  
Delta R.T.: -0.001 min  
Response: 392350615  
Conc: 55.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



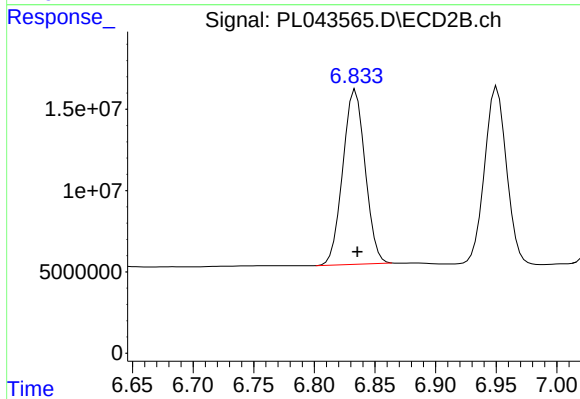
#13 Dieldrin

R.T.: 6.614 min  
Delta R.T.: -0.002 min  
Response: 169612466  
Conc: 52.81 ng/ml



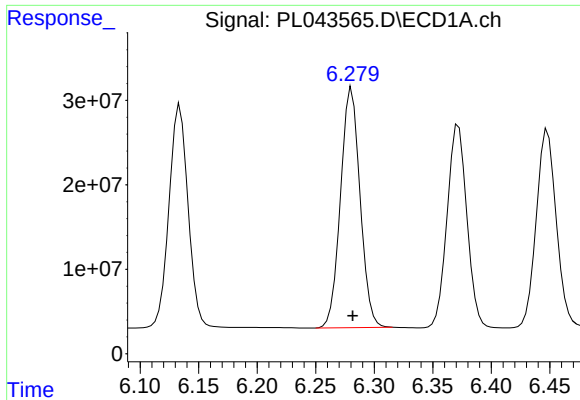
#14 Endrin

R.T.: 6.005 min  
Delta R.T.: -0.001 min  
Response: 337484576  
Conc: 55.25 ng/ml



#14 Endrin

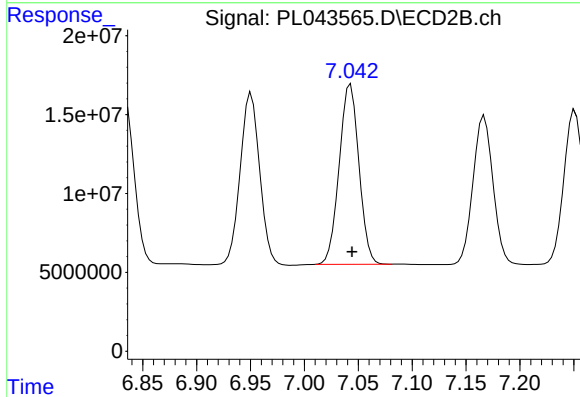
R.T.: 6.834 min  
Delta R.T.: -0.001 min  
Response: 137597498  
Conc: 54.46 ng/ml



#15 Endosulfan II

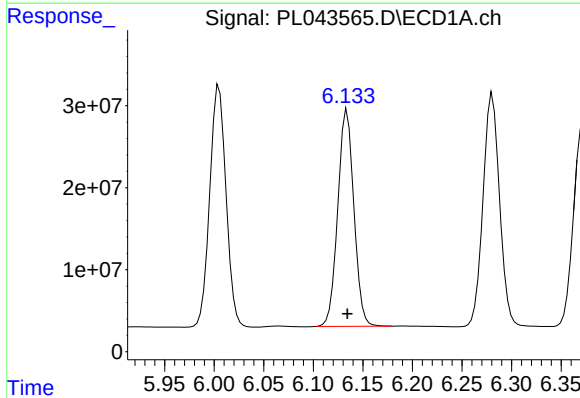
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 329849414  
Conc: 56.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



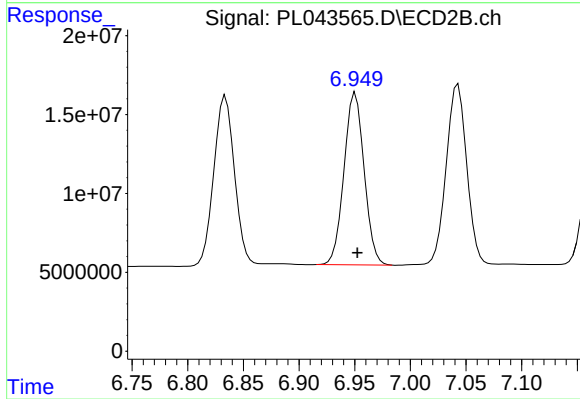
#15 Endosulfan II

R.T.: 7.043 min  
Delta R.T.: -0.001 min  
Response: 145702759  
Conc: 56.44 ng/ml



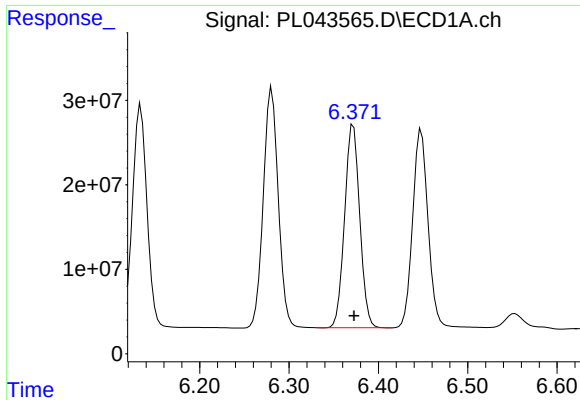
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 298970320  
Conc: 56.44 ng/ml



#16 4,4'-DDD

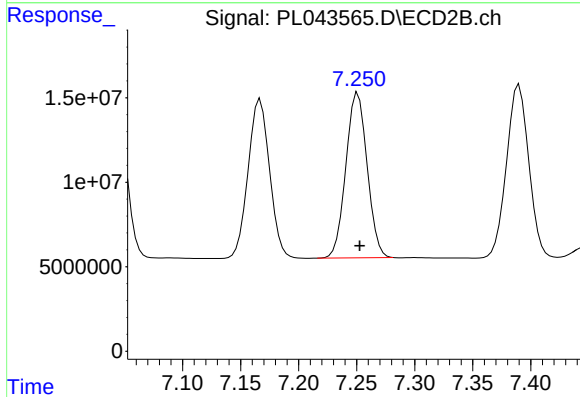
R.T.: 6.951 min  
Delta R.T.: -0.002 min  
Response: 137487085  
Conc: 55.56 ng/ml



#17 4,4'-DDT

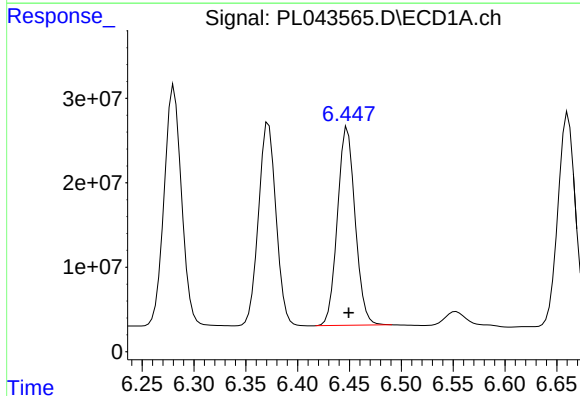
R.T.: 6.372 min  
Delta R.T.: 0.000 min  
Response: 282642708  
Conc: 56.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



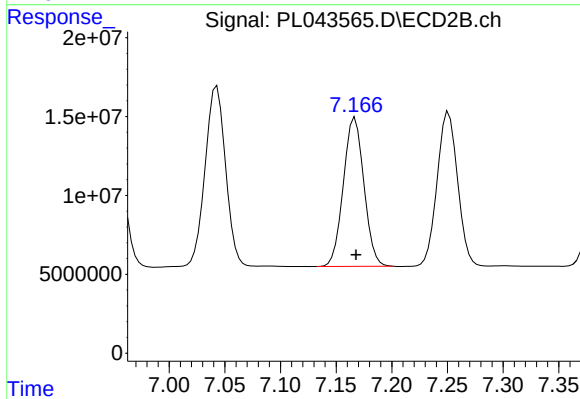
#17 4,4'-DDT

R.T.: 7.251 min  
Delta R.T.: -0.002 min  
Response: 124938007  
Conc: 55.93 ng/ml



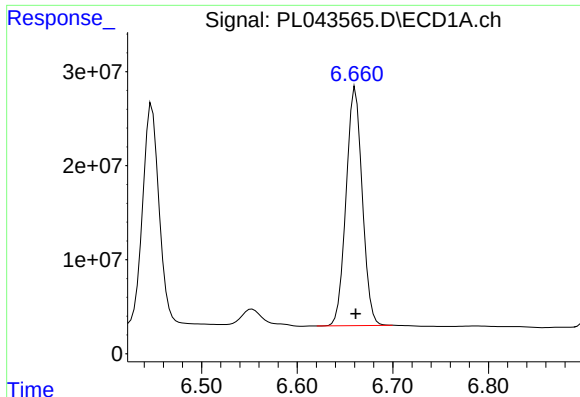
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.001 min  
Response: 279095559  
Conc: 55.51 ng/ml



#18 Endrin aldehyde

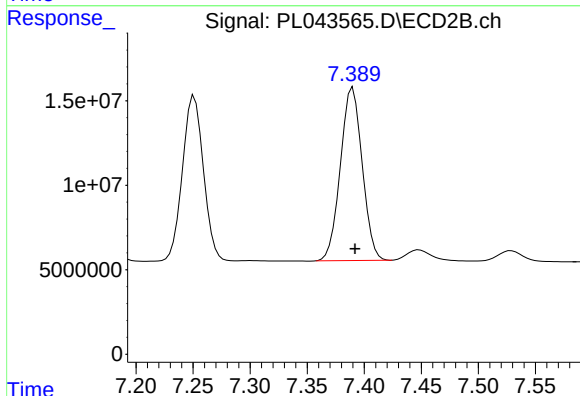
R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 121363686  
Conc: 57.04 ng/ml



#19 Endosulfan Sulfate

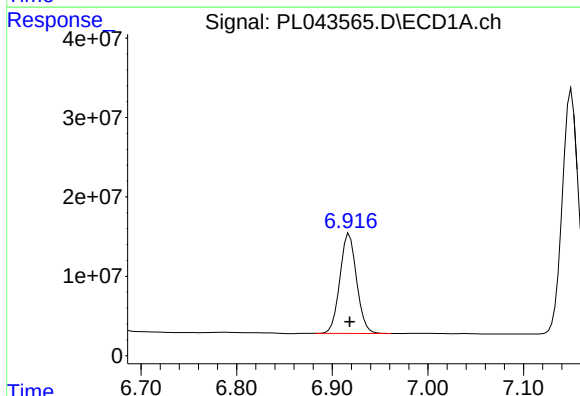
R.T.: 6.661 min  
Delta R.T.: 0.000 min  
Response: 298904729  
Conc: 48.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



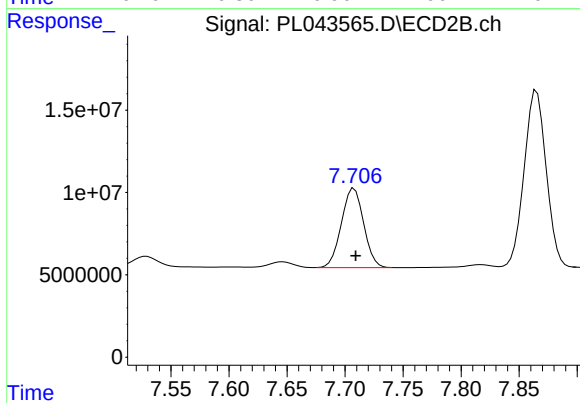
#19 Endosulfan Sulfate

R.T.: 7.390 min  
Delta R.T.: -0.002 min  
Response: 136139963  
Conc: 54.21 ng/ml



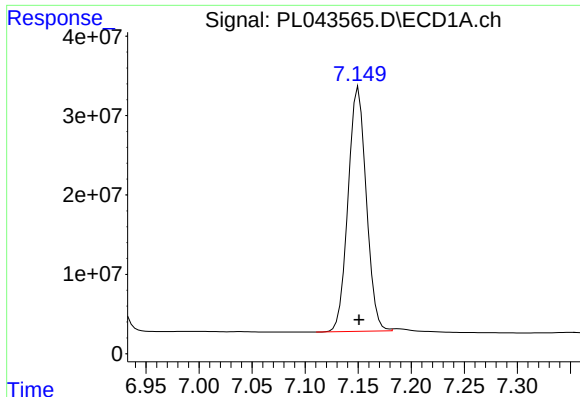
#20 Methoxychlor

R.T.: 6.918 min  
Delta R.T.: 0.000 min  
Response: 152803554  
Conc: 55.34 ng/ml



#20 Methoxychlor

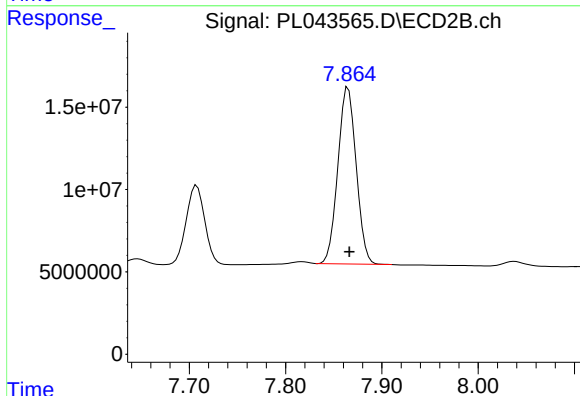
R.T.: 7.708 min  
Delta R.T.: -0.001 min  
Response: 64245428  
Conc: 57.06 ng/ml



#21 Endrin ketone

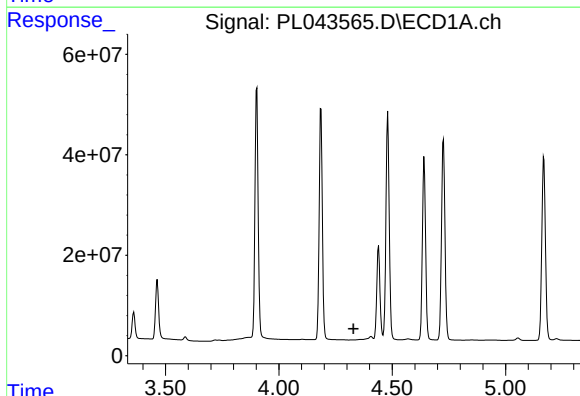
R.T.: 7.150 min  
Delta R.T.: 0.000 min  
Response: 366226749  
Conc: 56.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



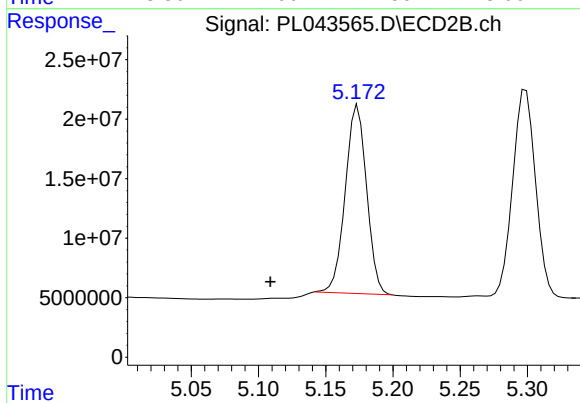
#21 Endrin ketone

R.T.: 7.865 min  
Delta R.T.: -0.001 min  
Response: 141471906  
Conc: 56.81 ng/ml



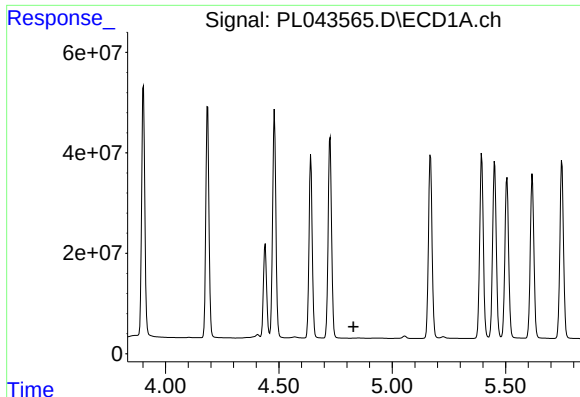
#23 Chlordane-1

R.T.: 4.360 min  
Delta R.T.: 0.030 min  
Response: -858489  
Conc: N.D.



#23 Chlordane-1

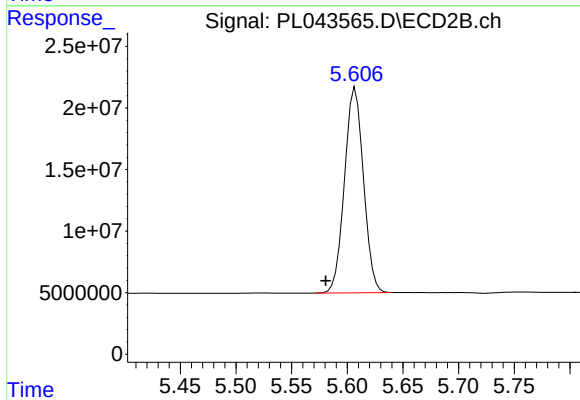
R.T.: 5.174 min  
Delta R.T.: 0.065 min  
Response: 174297032  
Conc: 1302.91 ng/ml



#24 Chlordane-2

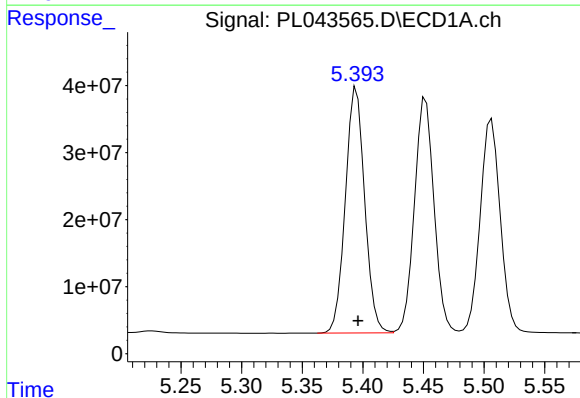
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



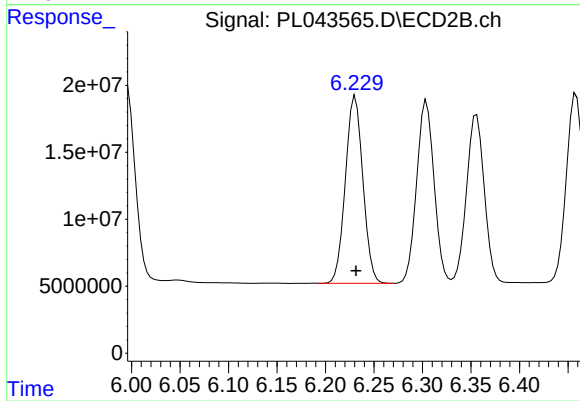
#24 Chlordane-2

R.T.: 5.607 min  
Delta R.T.: 0.027 min  
Response: 197991573  
Conc: 1603.40 ng/ml



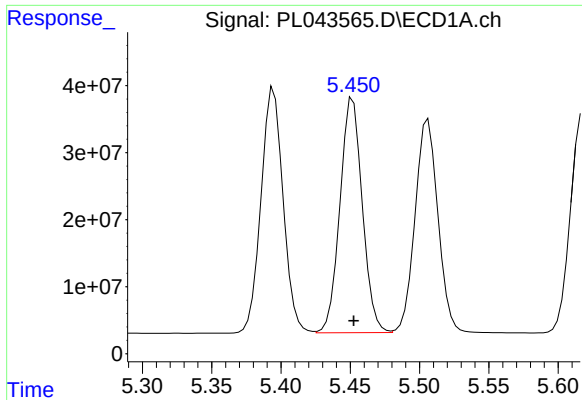
#25 Chlordane-3

R.T.: 5.395 min  
Delta R.T.: -0.001 min  
Response: 405837486  
Conc: 481.92 ng/ml



#25 Chlordane-3

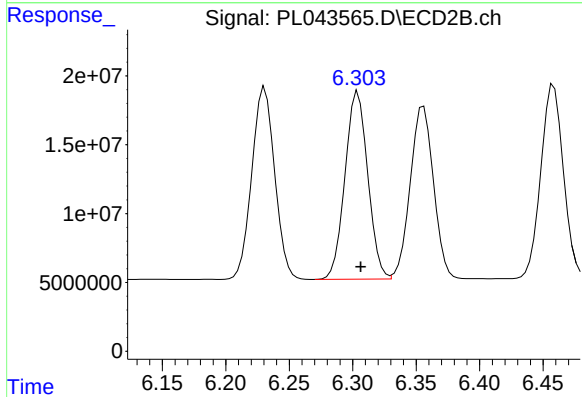
R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 175546744  
Conc: 405.41 ng/ml



#26 Chlordane-4

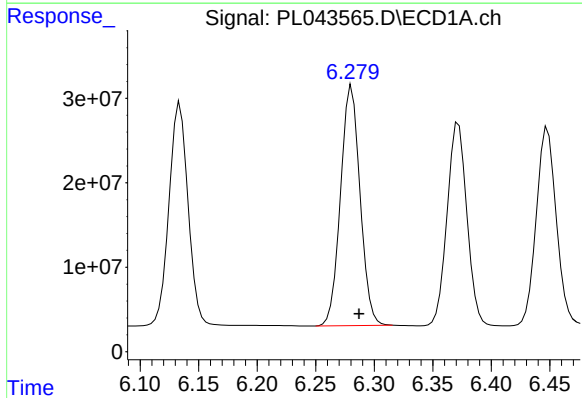
R.T.: 5.452 min  
Delta R.T.: 0.000 min  
Response: 394053488  
Conc: 529.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



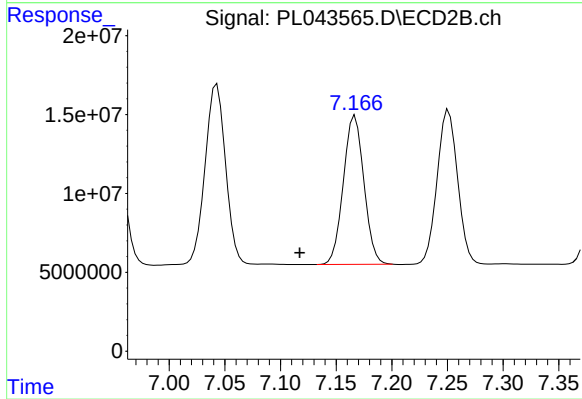
#26 Chlordane-4

R.T.: 6.304 min  
Delta R.T.: -0.002 min  
Response: 170400413  
Conc: 339.53 ng/ml



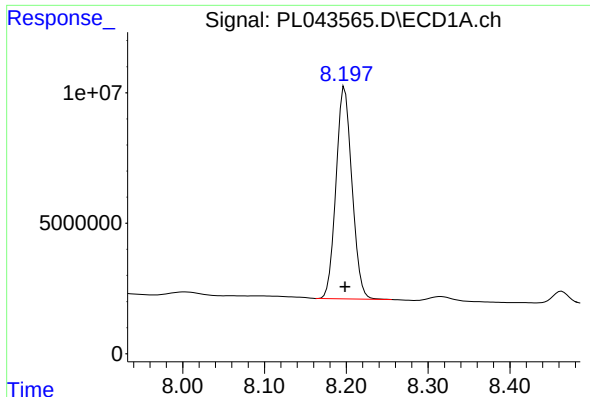
#27 Chlordane-5

R.T.: 6.281 min  
Delta R.T.: -0.006 min  
Response: 329849414  
Conc: 1555.42 ng/ml



#27 Chlordane-5

R.T.: 7.167 min  
Delta R.T.: 0.050 min  
Response: 121363686  
Conc: 1317.78 ng/ml



#28 Decachlorobiphenyl

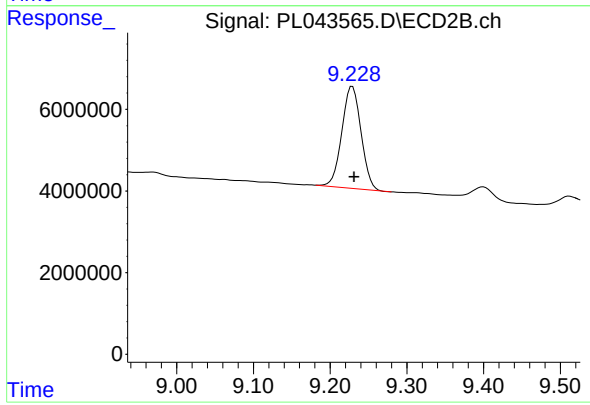
R.T.: 8.198 min

Delta R.T.: 0.000 min

Response: 109789173

Conc: 21.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.229 min

Delta R.T.: -0.002 min

Response: 43453917

Conc: 19.66 ng/ml