

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103118\  
 Data File : PL041531.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2018 09:25  
 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 01 01:15:00 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 | 4.103 | 334.4E6 | 165.2E6  | 52.499   | 53.641     |
| 28)                         | SA Decachlor... | 8.216 | 9.234 | 319.7E6 | 129.4E6  | 48.271   | 50.495     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.914 | 4.499 | 519.4E6 | 250.3E6  | 53.462   | 54.564     |
| 3)                          | MA gamma-BHC... | 4.197 | 4.787 | 479.4E6 | 230.4E6  | 53.664   | 54.337     |
| 4)                          | MA Heptachlor   | 4.493 | 5.303 | 483.3E6 | 220.5E6  | 52.734   | 54.218     |
| 5)                          | MB Aldrin       | 4.740 | 5.612 | 447.2E6 | 207.8E6  | 52.973   | 54.420     |
| 6)                          | B beta-BHC      | 4.449 | 4.956 | 195.8E6 | 93604980 | 51.958   | 54.501     |
| 7)                          | B delta-BHC     | 4.652 | 5.177 | 450.2E6 | 219.0E6  | 54.203   | 54.230     |
| 8)                          | B Heptachlo...  | 5.184 | 6.000 | 418.2E6 | 194.1E6  | 51.788   | 55.206     |
| 9)                          | A Endosulfan I  | 5.521 | 6.360 | 380.8E6 | 166.9E6  | 51.178   | 53.703     |
| 10)                         | B gamma-Chl...  | 5.409 | 6.235 | 423.6E6 | 184.3E6  | 52.014   | 54.580     |
| 11)                         | B alpha-Chl...  | 5.467 | 6.309 | 414.8E6 | 180.4E6  | 51.229   | 53.311     |
| 12)                         | B 4,4'-DDE      | 5.633 | 6.462 | 379.7E6 | 173.2E6  | 53.042   | 52.912     |
| 13)                         | MA Dieldrin     | 5.765 | 6.619 | 414.5E6 | 174.7E6  | 52.126   | 54.189     |
| 14)                         | MA Endrin       | 6.020 | 6.838 | 380.0E6 | 135.2E6  | 51.952   | 49.724     |
| 15)                         | B Endosulfa...  | 6.295 | 7.046 | 349.9E6 | 146.6E6  | 50.620   | 54.201     |
| 16)                         | A 4,4'-DDD      | 6.149 | 6.954 | 303.8E6 | 135.3E6  | 52.272   | 54.326     |
| 17)                         | MA 4,4'-DDT     | 6.387 | 7.254 | 325.3E6 | 137.2E6  | 53.463   | 54.590     |
| 18)                         | B Endrin al...  | 6.463 | 7.170 | 282.3E6 | 119.6E6  | 51.255   | 54.661     |
| 19)                         | B Endosulfa...  | 6.676 | 7.393 | 316.2E6 | 133.0E6  | 49.511   | 53.582     |
| 20)                         | A Methoxychlor  | 6.935 | 7.711 | 173.9E6 | 66253423 | 51.724   | 51.141     |
| 21)                         | B Endrin ke...  | 7.166 | 7.868 | 371.0E6 | 139.8E6  | 51.397   | 53.121     |
| 23)                         | Chlordane-1     | 4.370 | 5.177 | 3125275 | 219.0E6  | 11.022   | 1576.770 # |
| 24)                         | Chlordane-2     | 0.000 | 5.612 | 0       | 207.8E6  | N.D.     | 1564.108 # |
| 25)                         | Chlordane-3     | 5.409 | 6.235 | 423.6E6 | 184.3E6  | 475.246  | 409.426    |
| 26)                         | Chlordane-4     | 5.467 | 6.309 | 414.8E6 | 180.4E6  | 529.742  | 345.106 #  |
| 27)                         | Chlordane-5     | 6.295 | 7.170 | 349.9E6 | 119.6E6  | 1403.110 | 1225.097   |
| -----                       |                 |       |       |         |          |          |            |

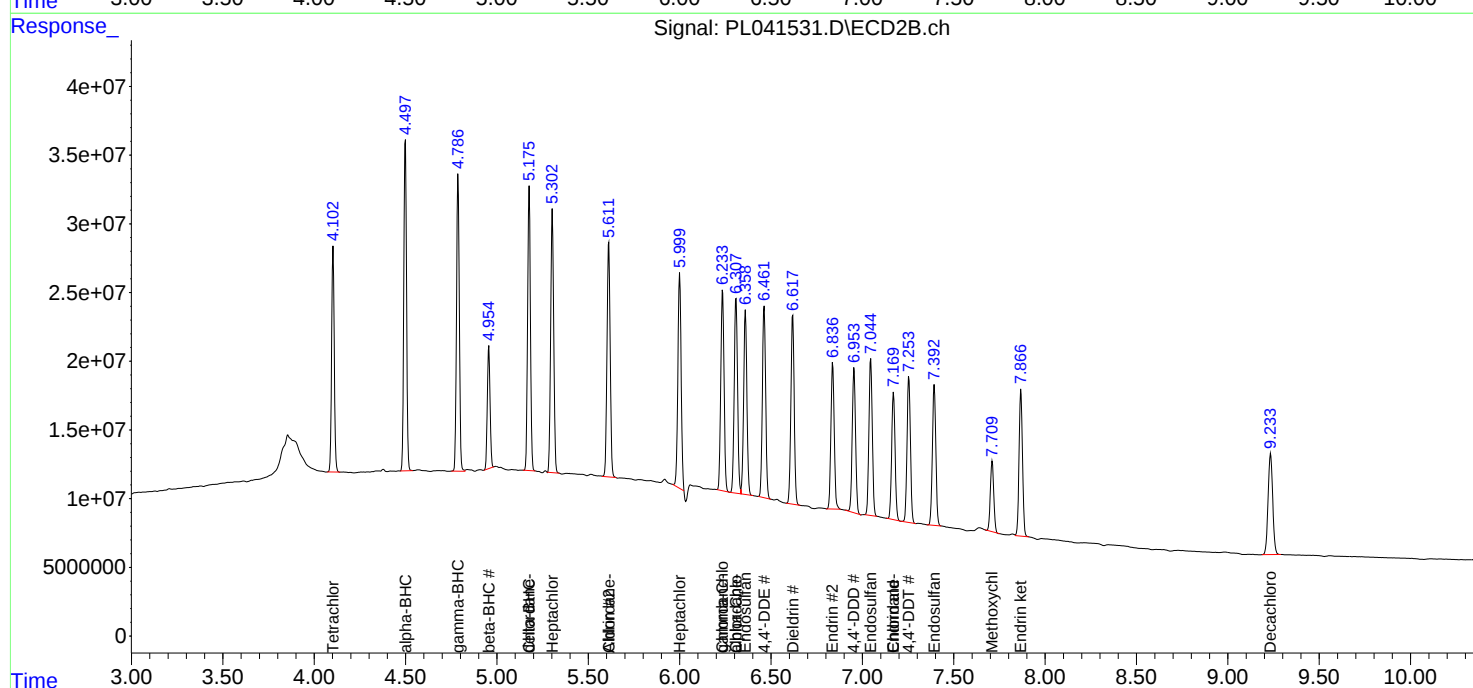
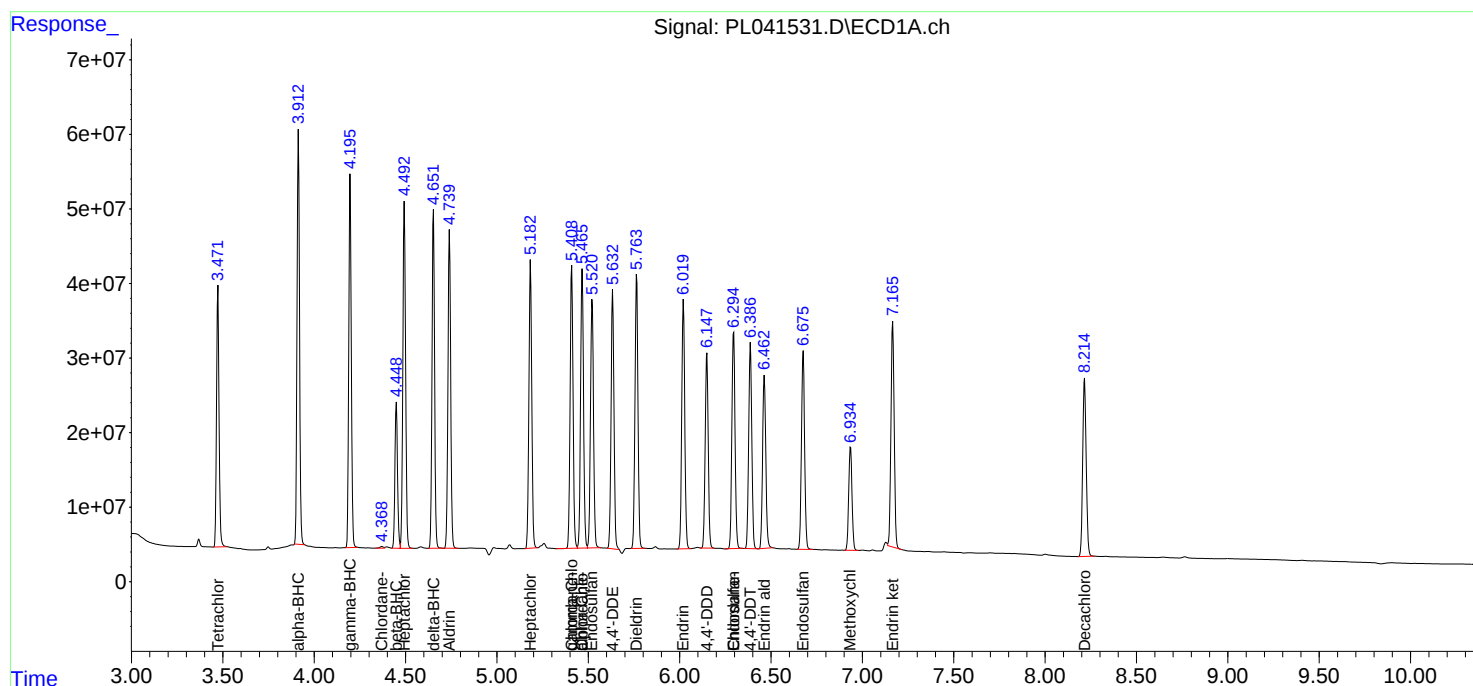
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

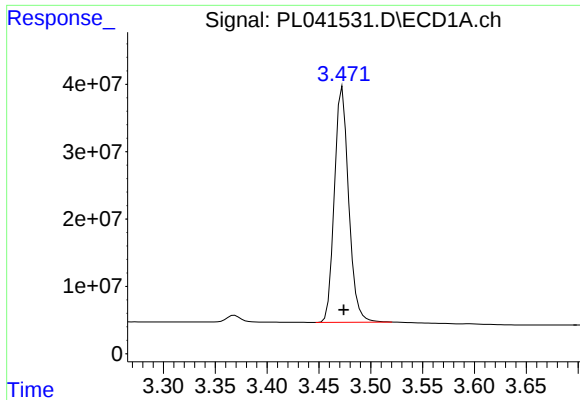
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103118\  
Data File : PL041531.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2018 09:25  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

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ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 01 01:15:00 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

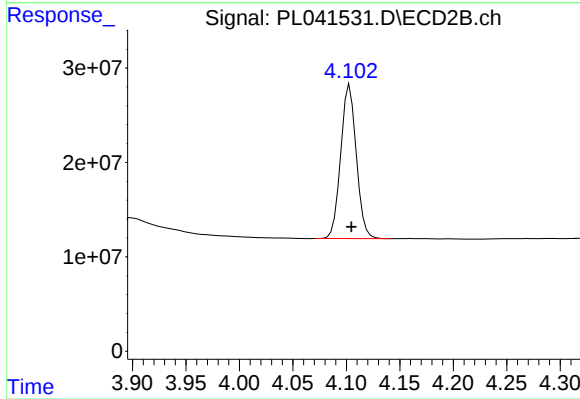




#1 Tetrachloro-m-xylene

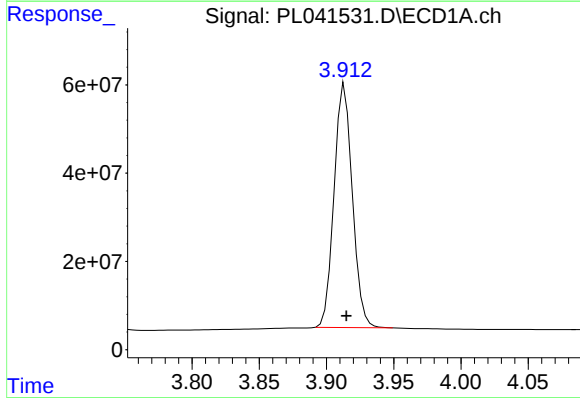
R.T.: 3.473 min  
Delta R.T.: -0.001 min  
Response: 334427678  
Conc: 52.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



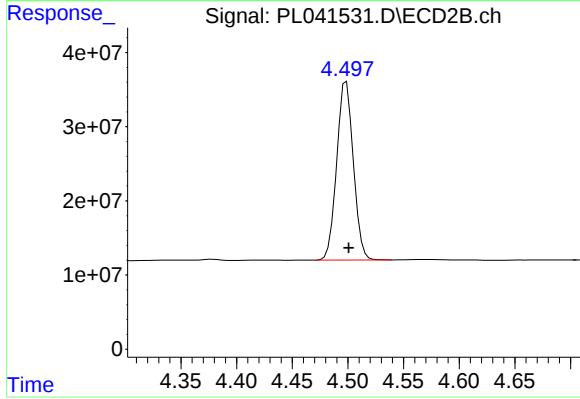
#1 Tetrachloro-m-xylene

R.T.: 4.103 min  
Delta R.T.: -0.001 min  
Response: 165227721  
Conc: 53.64 ng/ml



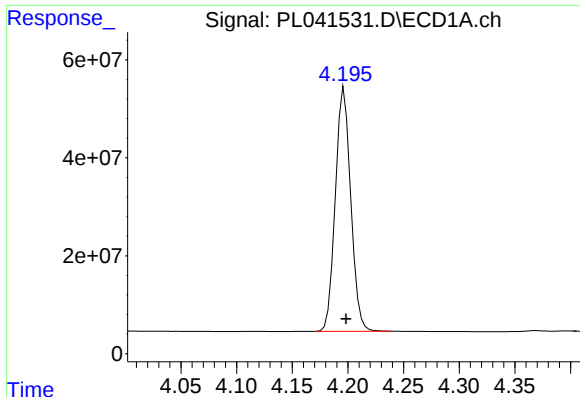
#2 alpha-BHC

R.T.: 3.914 min  
Delta R.T.: -0.001 min  
Response: 519404338  
Conc: 53.46 ng/ml



#2 alpha-BHC

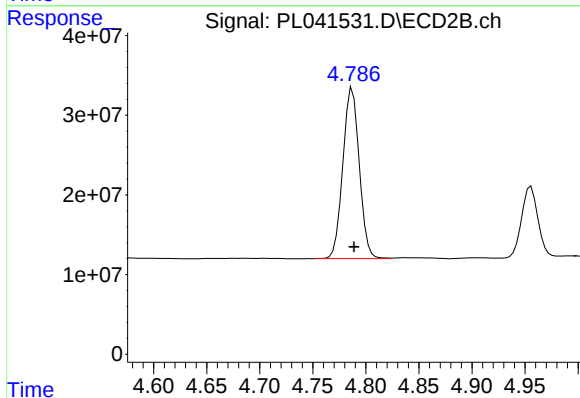
R.T.: 4.499 min  
Delta R.T.: -0.002 min  
Response: 250277066  
Conc: 54.56 ng/ml



#3 gamma-BHC (Lindane)

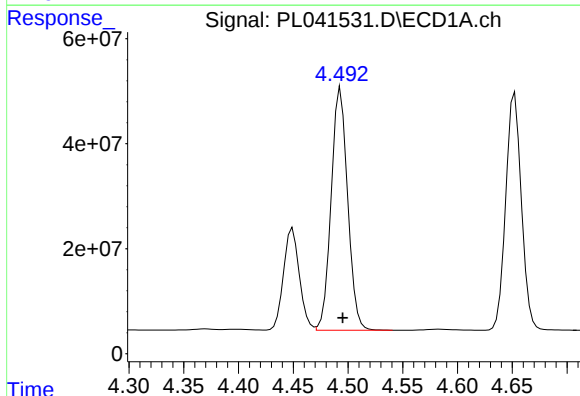
R.T.: 4.197 min  
Delta R.T.: -0.002 min  
Response: 479425492  
Conc: 53.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



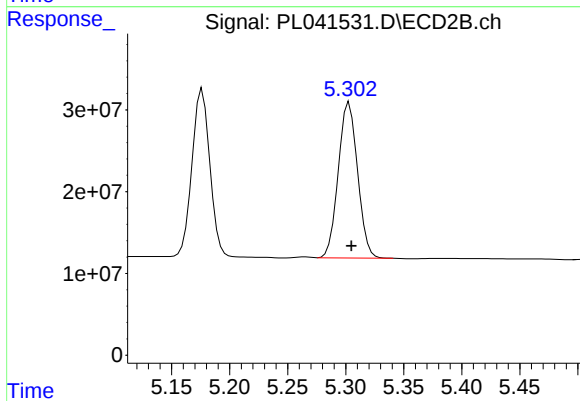
#3 gamma-BHC (Lindane)

R.T.: 4.787 min  
Delta R.T.: -0.002 min  
Response: 230369885  
Conc: 54.34 ng/ml



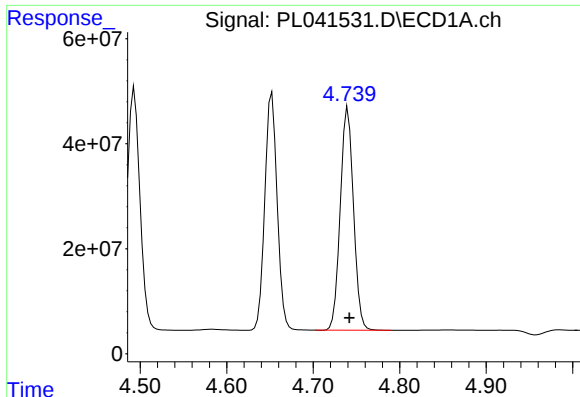
#4 Heptachlor

R.T.: 4.493 min  
Delta R.T.: -0.002 min  
Response: 483318436  
Conc: 52.73 ng/ml



#4 Heptachlor

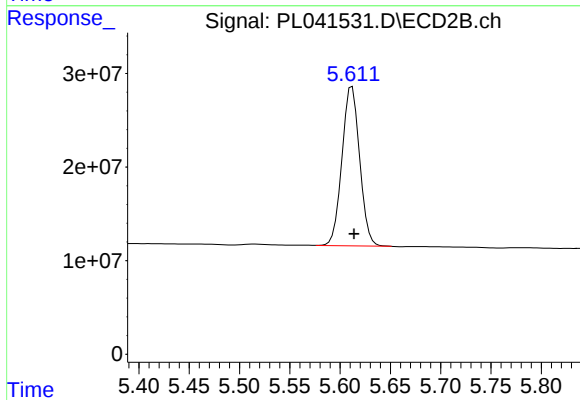
R.T.: 5.303 min  
Delta R.T.: -0.002 min  
Response: 220466249  
Conc: 54.22 ng/ml



#5 Aldrin

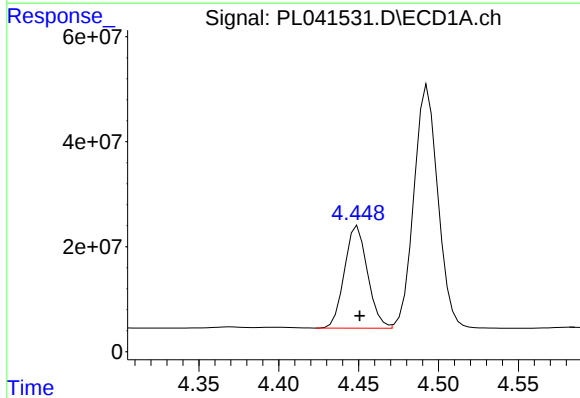
R.T.: 4.740 min  
Delta R.T.: -0.002 min  
Response: 447217022  
Conc: 52.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



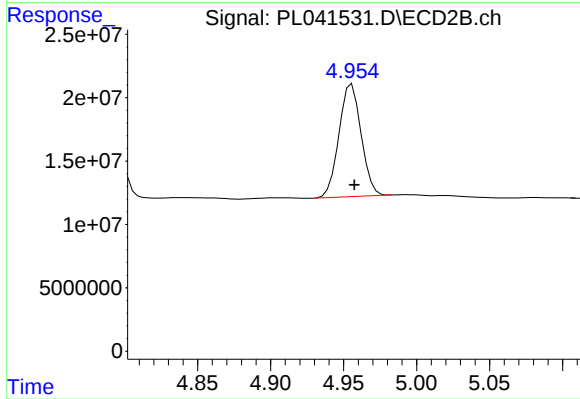
#5 Aldrin

R.T.: 5.612 min  
Delta R.T.: -0.002 min  
Response: 207845805  
Conc: 54.42 ng/ml



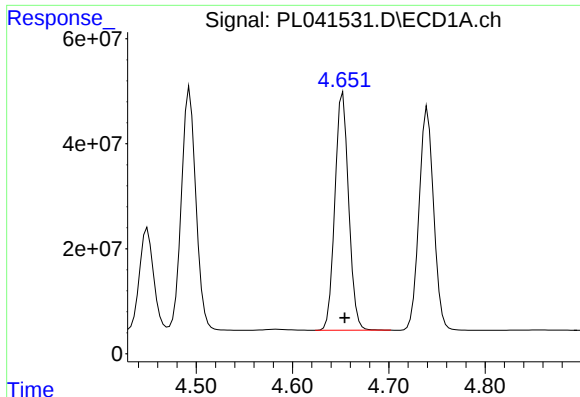
#6 beta-BHC

R.T.: 4.449 min  
Delta R.T.: -0.001 min  
Response: 195838085  
Conc: 51.96 ng/ml



#6 beta-BHC

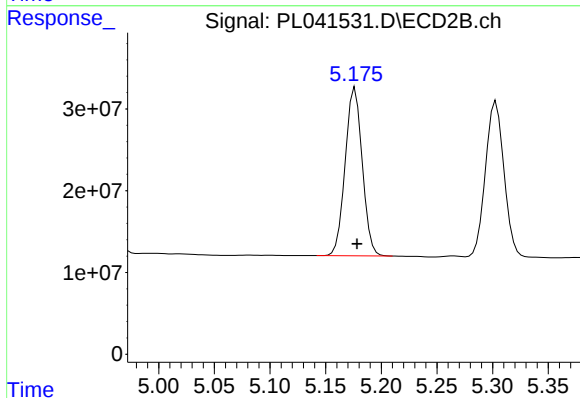
R.T.: 4.956 min  
Delta R.T.: -0.002 min  
Response: 93604980  
Conc: 54.50 ng/ml



#7 delta-BHC

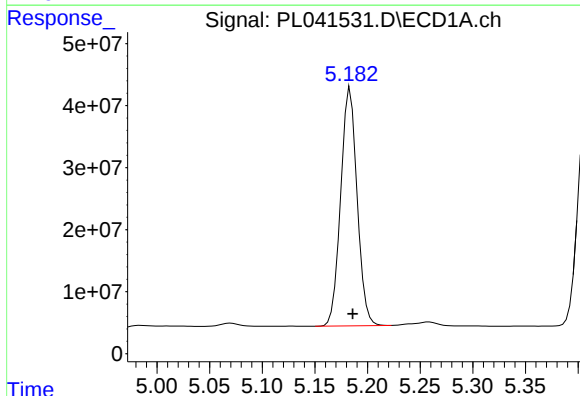
R.T.: 4.652 min  
Delta R.T.: -0.002 min  
Response: 450194316  
Conc: 54.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



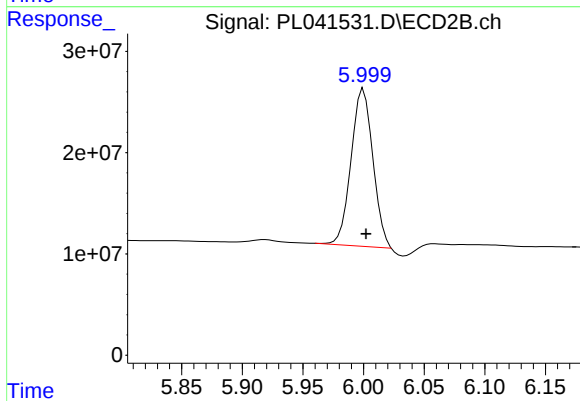
#7 delta-BHC

R.T.: 5.177 min  
Delta R.T.: -0.002 min  
Response: 218997355  
Conc: 54.23 ng/ml



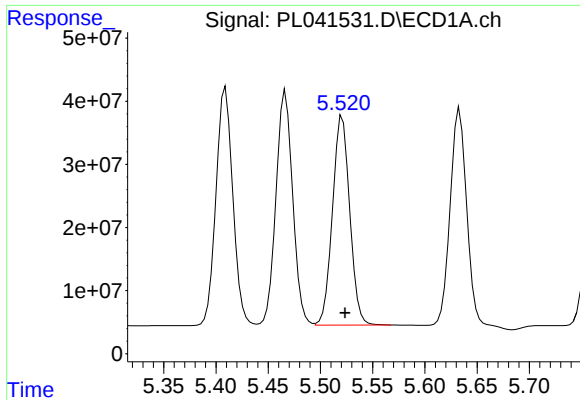
#8 Heptachlor epoxide

R.T.: 5.184 min  
Delta R.T.: -0.002 min  
Response: 418157095  
Conc: 51.79 ng/ml



#8 Heptachlor epoxide

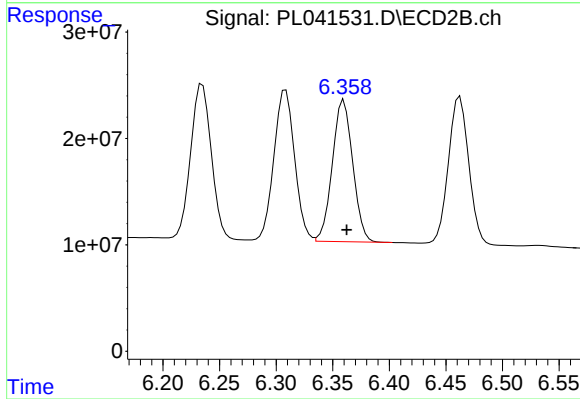
R.T.: 6.000 min  
Delta R.T.: -0.002 min  
Response: 194082045  
Conc: 55.21 ng/ml



#9 Endosulfan I

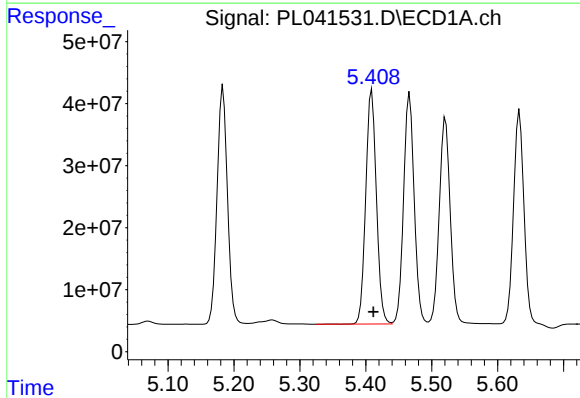
R.T.: 5.521 min  
Delta R.T.: -0.003 min  
Response: 380841167  
Conc: 51.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



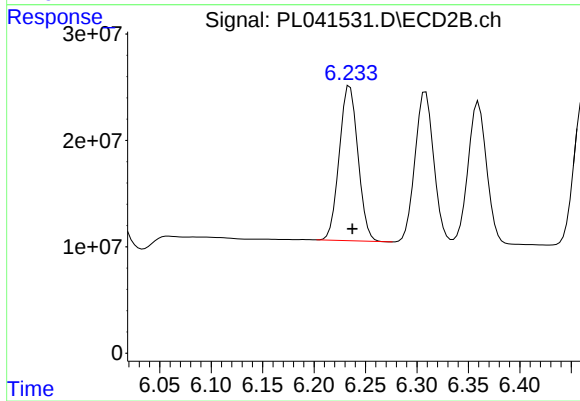
#9 Endosulfan I

R.T.: 6.360 min  
Delta R.T.: -0.003 min  
Response: 166904816  
Conc: 53.70 ng/ml



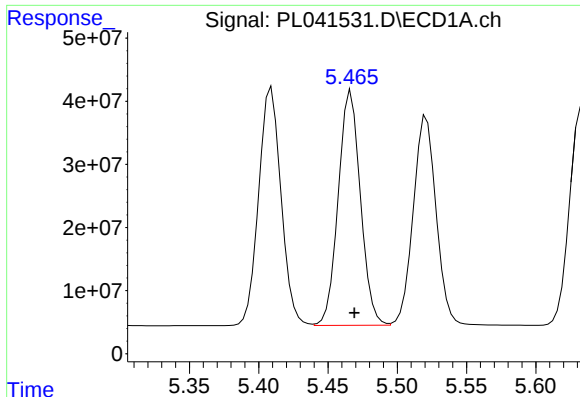
#10 gamma-Chlordane

R.T.: 5.409 min  
Delta R.T.: -0.003 min  
Response: 423579599  
Conc: 52.01 ng/ml



#10 gamma-Chlordane

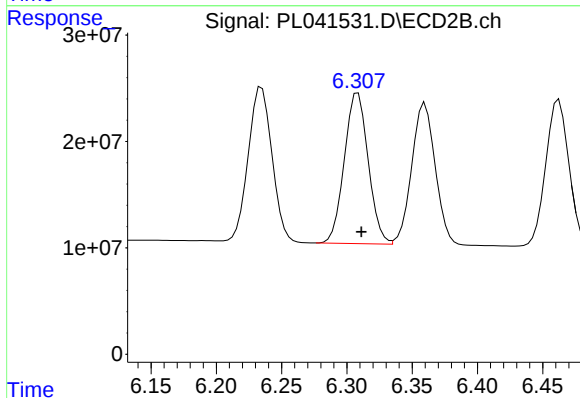
R.T.: 6.235 min  
Delta R.T.: -0.003 min  
Response: 184253686  
Conc: 54.58 ng/ml



#11 alpha-Chlordane

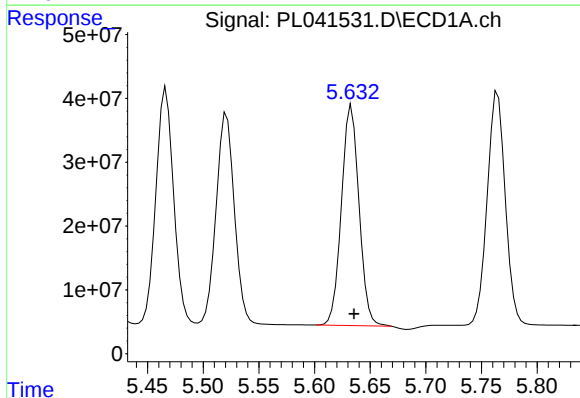
R.T.: 5.467 min  
Delta R.T.: -0.002 min  
Response: 414762749  
Conc: 51.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



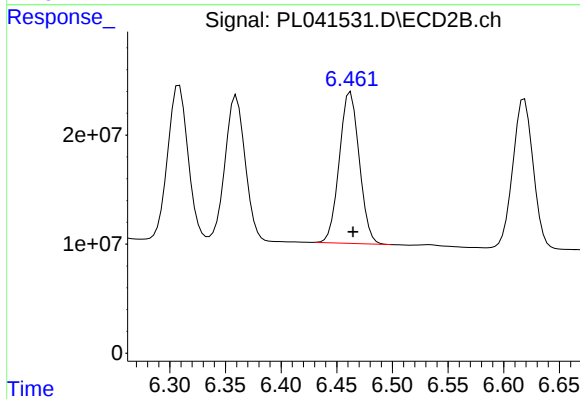
#11 alpha-Chlordane

R.T.: 6.309 min  
Delta R.T.: -0.003 min  
Response: 180428752  
Conc: 53.31 ng/ml



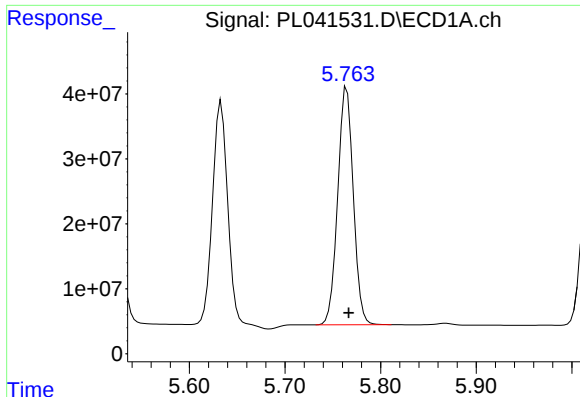
#12 4,4'-DDE

R.T.: 5.633 min  
Delta R.T.: -0.002 min  
Response: 379674509  
Conc: 53.04 ng/ml



#12 4,4'-DDE

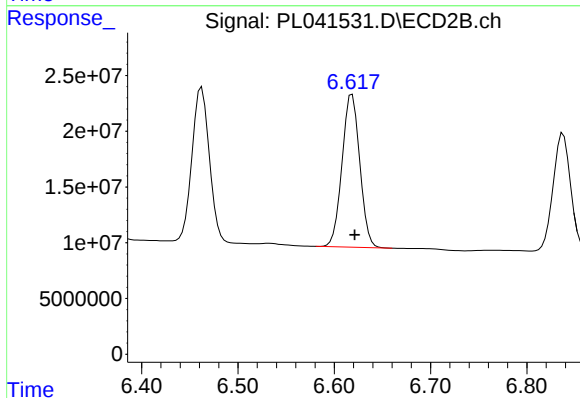
R.T.: 6.462 min  
Delta R.T.: -0.002 min  
Response: 173151326  
Conc: 52.91 ng/ml



#13 Dieldrin

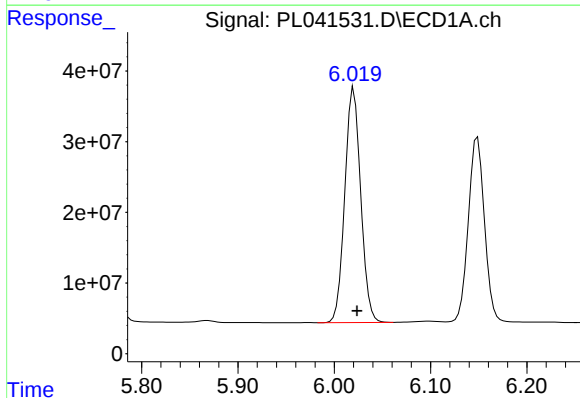
R.T.: 5.765 min  
Delta R.T.: -0.002 min  
Response: 414512285  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



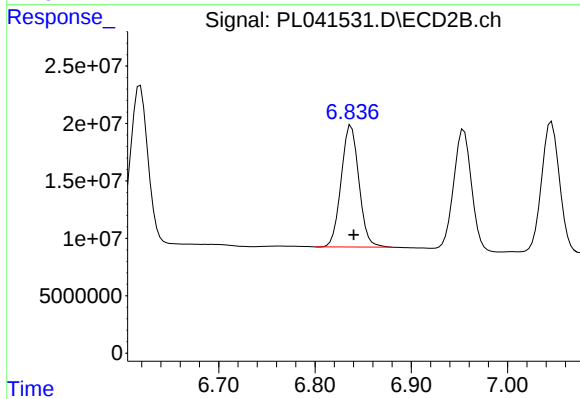
#13 Dieldrin

R.T.: 6.619 min  
Delta R.T.: -0.003 min  
Response: 174675888  
Conc: 54.19 ng/ml



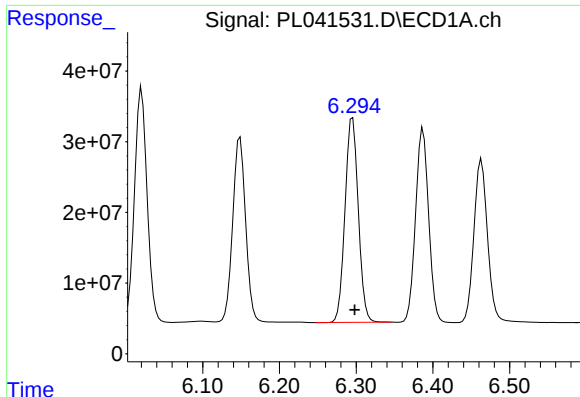
#14 Endrin

R.T.: 6.020 min  
Delta R.T.: -0.003 min  
Response: 379983836  
Conc: 51.95 ng/ml



#14 Endrin

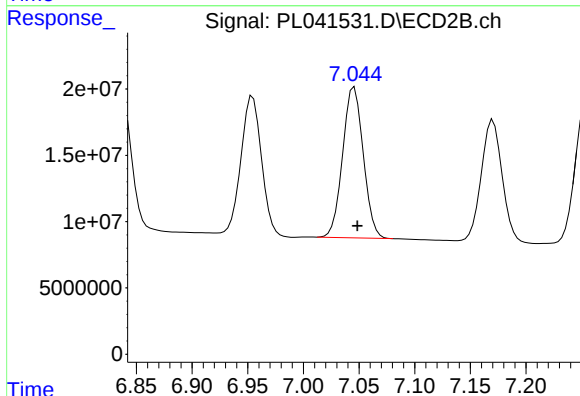
R.T.: 6.838 min  
Delta R.T.: -0.003 min  
Response: 135177485  
Conc: 49.72 ng/ml



#15 Endosulfan II

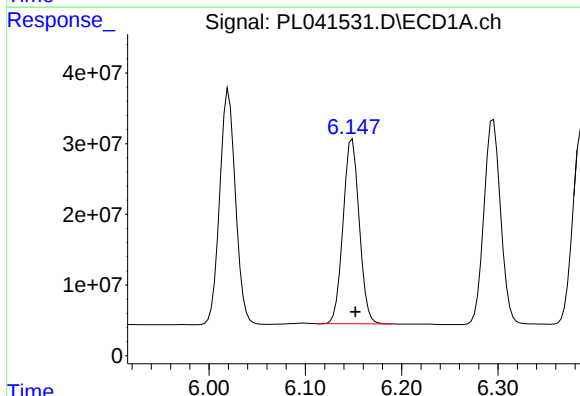
R.T.: 6.295 min  
Delta R.T.: -0.003 min  
Response: 349884814  
Conc: 50.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



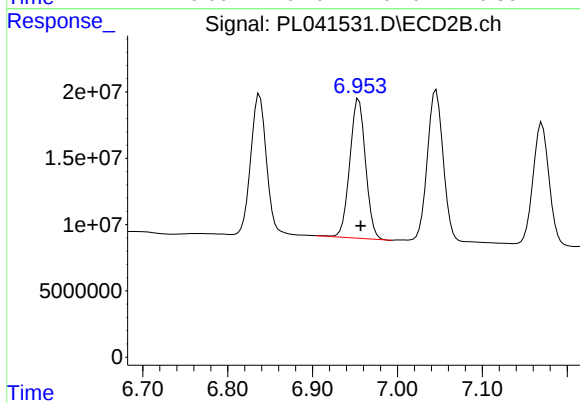
#15 Endosulfan II

R.T.: 7.046 min  
Delta R.T.: -0.003 min  
Response: 146633199  
Conc: 54.20 ng/ml



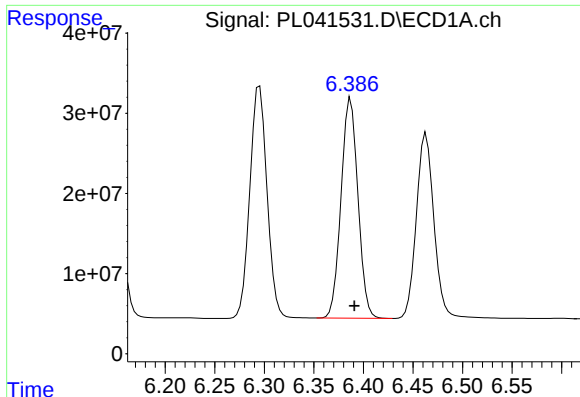
#16 4,4'-DDD

R.T.: 6.149 min  
Delta R.T.: -0.003 min  
Response: 303752494  
Conc: 52.27 ng/ml



#16 4,4'-DDD

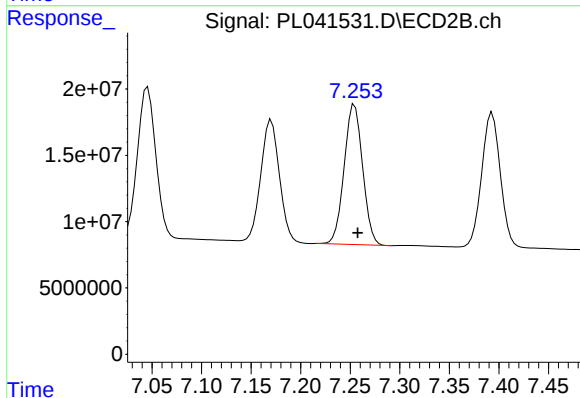
R.T.: 6.954 min  
Delta R.T.: -0.002 min  
Response: 135263081  
Conc: 54.33 ng/ml



#17 4,4'-DDT

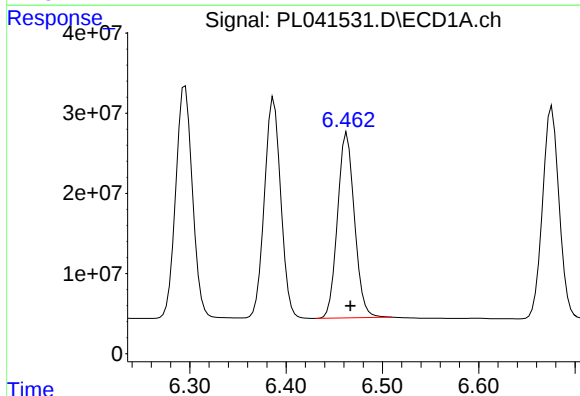
R.T.: 6.387 min  
Delta R.T.: -0.004 min  
Response: 325253298  
Conc: 53.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



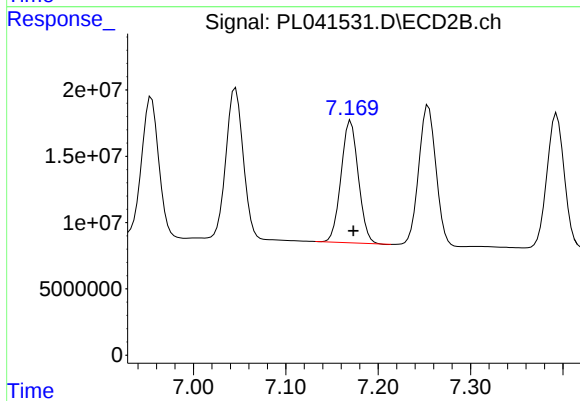
#17 4,4'-DDT

R.T.: 7.254 min  
Delta R.T.: -0.003 min  
Response: 137239670  
Conc: 54.59 ng/ml



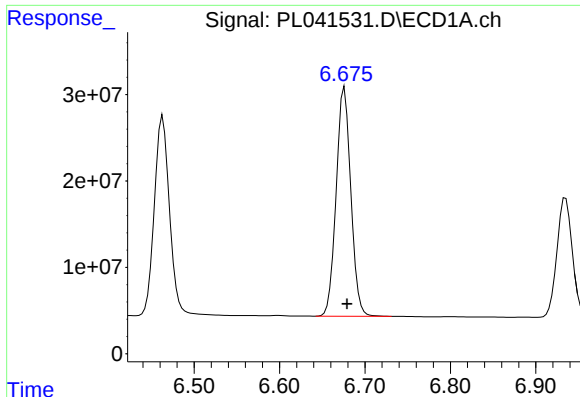
#18 Endrin aldehyde

R.T.: 6.463 min  
Delta R.T.: -0.003 min  
Response: 282298962  
Conc: 51.25 ng/ml



#18 Endrin aldehyde

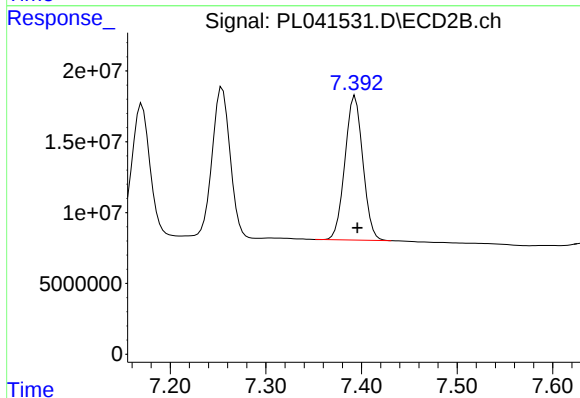
R.T.: 7.170 min  
Delta R.T.: -0.003 min  
Response: 119644557  
Conc: 54.66 ng/ml



#19 Endosulfan Sulfate

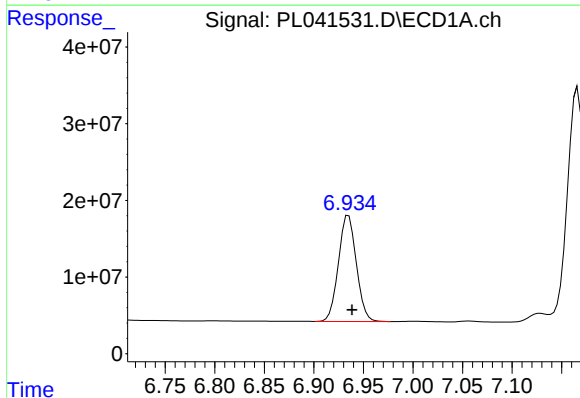
R.T.: 6.676 min  
Delta R.T.: -0.003 min  
Response: 316193785  
Conc: 49.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



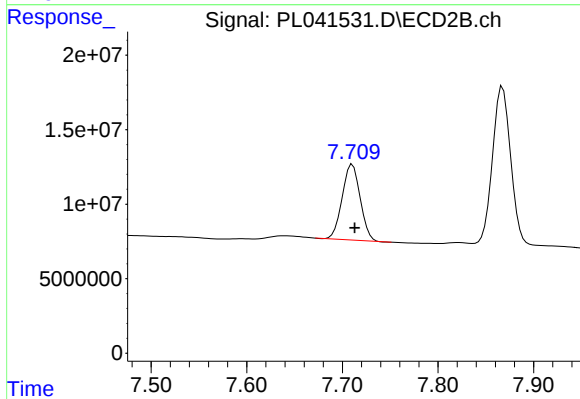
#19 Endosulfan Sulfate

R.T.: 7.393 min  
Delta R.T.: -0.002 min  
Response: 132968823  
Conc: 53.58 ng/ml



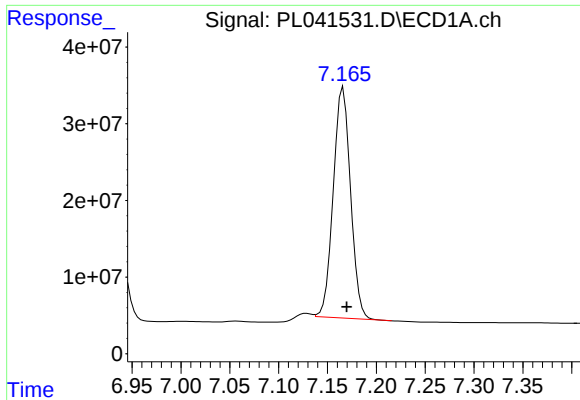
#20 Methoxychlor

R.T.: 6.935 min  
Delta R.T.: -0.004 min  
Response: 173870751  
Conc: 51.72 ng/ml



#20 Methoxychlor

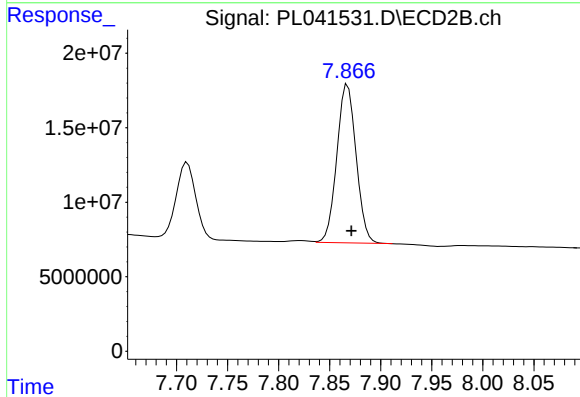
R.T.: 7.711 min  
Delta R.T.: -0.003 min  
Response: 66253423  
Conc: 51.14 ng/ml



#21 Endrin ketone

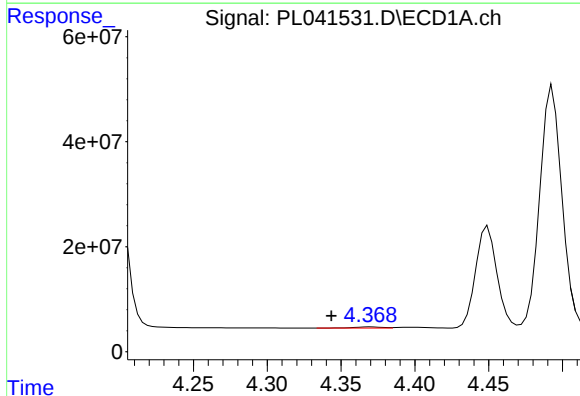
R.T.: 7.166 min  
Delta R.T.: -0.004 min  
Response: 370958003  
Conc: 51.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



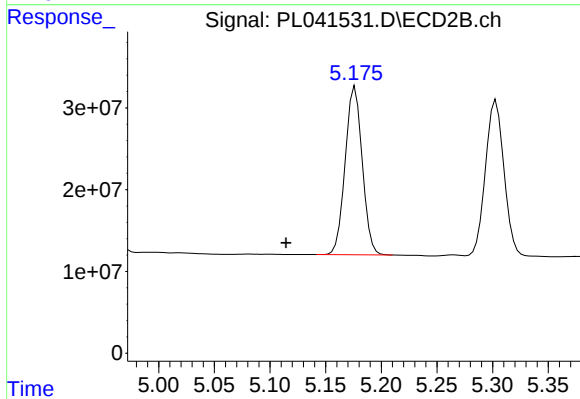
#21 Endrin ketone

R.T.: 7.868 min  
Delta R.T.: -0.004 min  
Response: 139796550  
Conc: 53.12 ng/ml



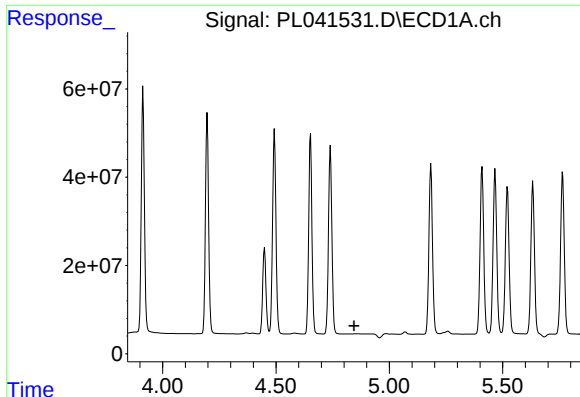
#23 Chlordane-1

R.T.: 4.370 min  
Delta R.T.: 0.026 min  
Response: 3125275  
Conc: 11.02 ng/ml



#23 Chlordane-1

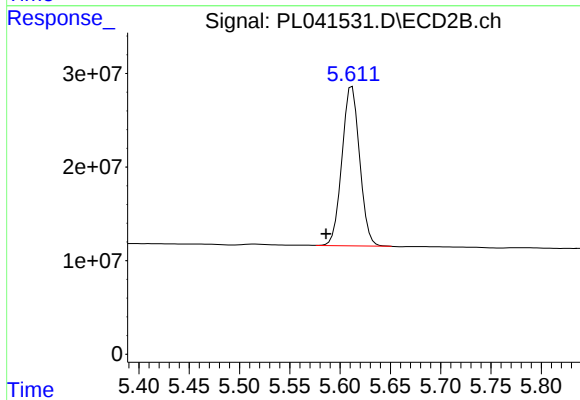
R.T.: 5.177 min  
Delta R.T.: 0.062 min  
Response: 218997355  
Conc: 1576.77 ng/ml



#24 Chlordane-2

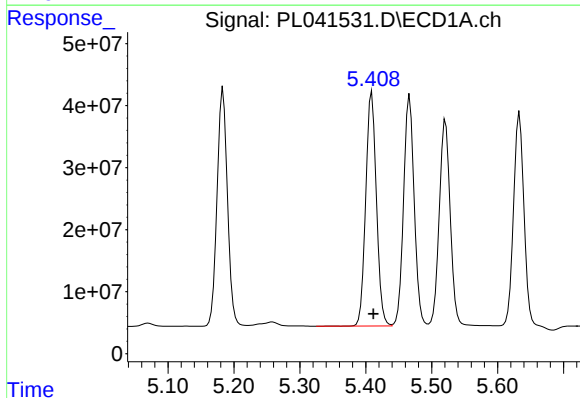
R.T.: 0.000 min  
Exp R.T.: 4.844 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



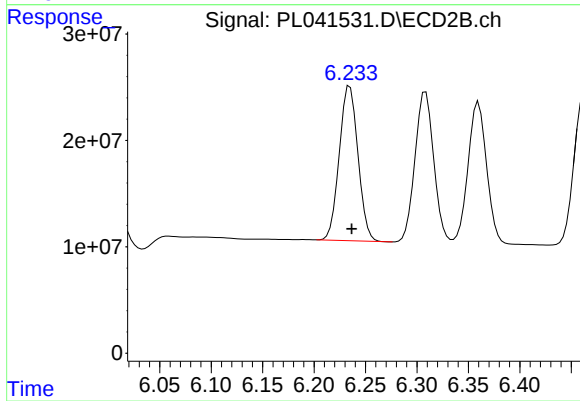
#24 Chlordane-2

R.T.: 5.612 min  
Delta R.T.: 0.026 min  
Response: 207845805  
Conc: 1564.11 ng/ml



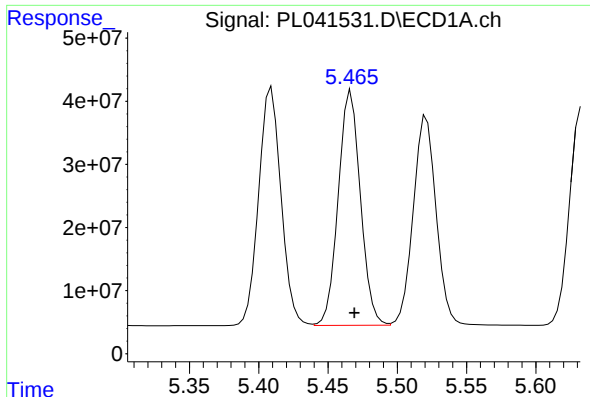
#25 Chlordane-3

R.T.: 5.409 min  
Delta R.T.: -0.003 min  
Response: 423579599  
Conc: 475.25 ng/ml



#25 Chlordane-3

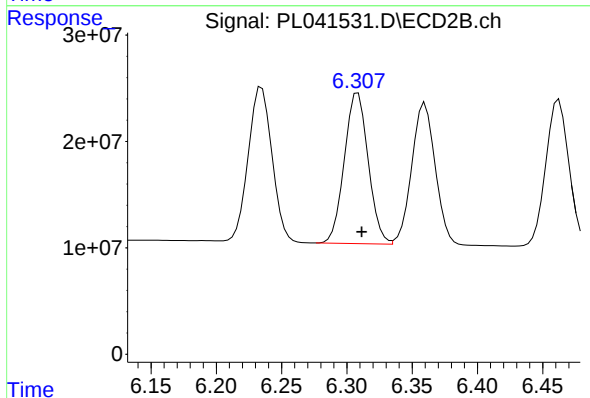
R.T.: 6.235 min  
Delta R.T.: -0.002 min  
Response: 184253686  
Conc: 409.43 ng/ml



#26 Chlordane-4

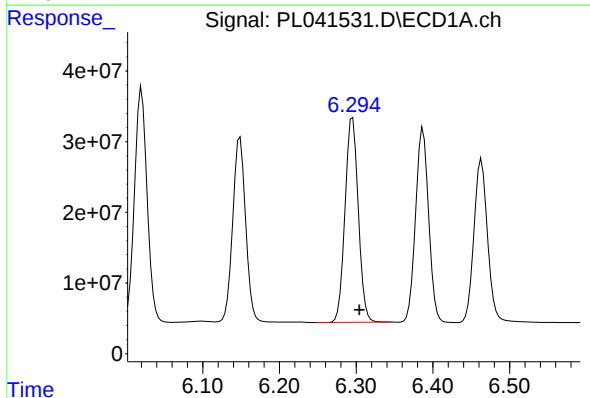
R.T.: 5.467 min  
Delta R.T.: -0.002 min  
Response: 414762749  
Conc: 529.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



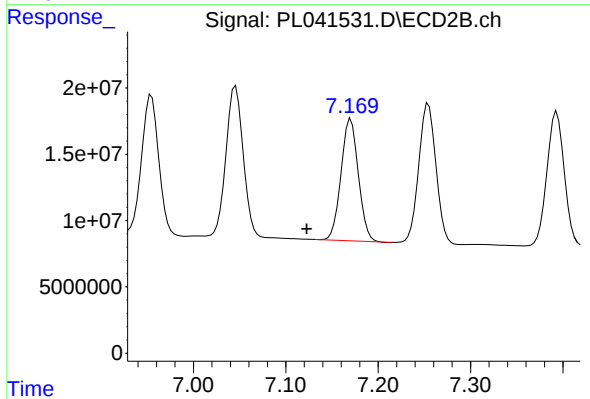
#26 Chlordane-4

R.T.: 6.309 min  
Delta R.T.: -0.003 min  
Response: 180428752  
Conc: 345.11 ng/ml



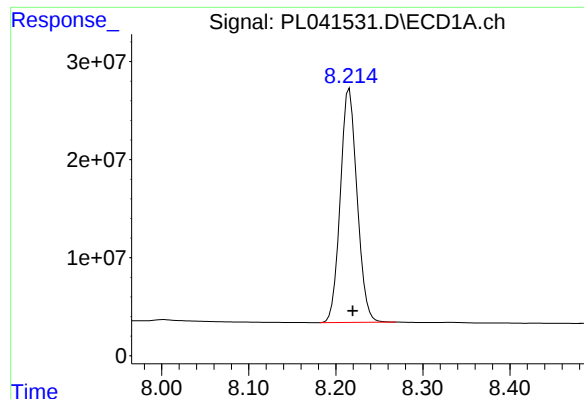
#27 Chlordane-5

R.T.: 6.295 min  
Delta R.T.: -0.009 min  
Response: 349884814  
Conc: 1403.11 ng/ml



#27 Chlordane-5

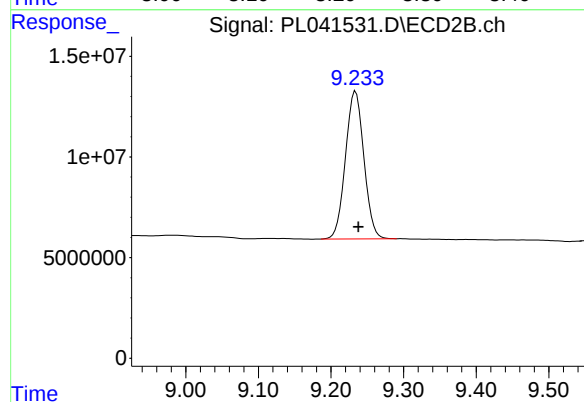
R.T.: 7.170 min  
Delta R.T.: 0.048 min  
Response: 119644557  
Conc: 1225.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.216 min  
Delta R.T.: -0.004 min  
Response: 319745070  
Conc: 48.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.234 min  
Delta R.T.: -0.004 min  
Response: 129375857  
Conc: 50.49 ng/ml