

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082922\  
 Data File : PL077363.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Aug 2022 16:46  
 Operator : AR\AJ  
 Sample : PB147331BSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 29 18:13:51 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 23 05:36:06 2022  
 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... | 3.416  | 2.630 | 21663316 | 49834716 | 15.921   | 16.215    |
| 28)                         | SA Decachlor... | 8.904  | 7.731 | 21110027 | 45779313 | 18.014   | 16.406    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.881  | 3.123 | 98937006 | 224.8E6  | 53.407   | 51.479    |
| 3)                          | MA gamma-BHC... | 4.216  | 3.447 | 91981056 | 206.0E6  | 52.546   | 52.730    |
| 4)                          | MA Heptachlor   | 4.792  | 3.779 | 90886287 | 201.5E6  | 52.522   | 51.678    |
| 5)                          | MB Aldrin       | 5.133  | 4.053 | 82968838 | 191.3E6  | 52.860   | 51.686    |
| 6)                          | B beta-BHC      | 4.428  | 3.745 | 38367283 | 84768192 | 51.629   | 51.401    |
| 7)                          | B delta-BHC     | 4.672  | 3.969 | 81681841 | 203.7E6  | 52.864   | 51.156    |
| 8)                          | B Heptachlo...  | 5.565  | 4.553 | 78109860 | 174.1E6  | 58.037   | 52.472    |
| 9)                          | A Endosulfan I  | 5.951  | 4.918 | 69261395 | 160.6E6  | 52.597   | 52.023    |
| 10)                         | B gamma-Chl...  | 5.820  | 4.802 | 74735415 | 173.7E6  | 53.294   | 51.962    |
| 11)                         | B alpha-Chl...  | 5.898  | 4.864 | 73866480 | 169.9E6  | 52.510   | 51.909    |
| 12)                         | B 4,4'-DDE      | 6.077  | 5.059 | 68346791 | 170.3E6  | 52.650   | 52.733    |
| 13)                         | MA Dieldrin     | 6.229  | 5.182 | 70191348 | 171.0E6  | 52.545   | 52.070    |
| 14)                         | MA Endrin       | 6.460  | 5.454 | 59950012 | 146.5E6  | 50.816   | 53.571    |
| 15)                         | B Endosulfa...  | 6.688  | 5.750 | 57172932 | 137.3E6  | 52.183   | 50.619    |
| 16)                         | A 4,4'-DDD      | 6.602  | 5.612 | 55172390 | 141.7E6  | 54.013   | 52.988    |
| 17)                         | MA 4,4'-DDT     | 6.911  | 5.860 | 55630326 | 130.8E6  | 49.801   | 49.669    |
| 18)                         | B Endrin al...  | 6.819  | 5.929 | 46988618 | 106.9E6  | 51.474   | 51.073    |
| 19)                         | B Endosulfa...  | 7.052  | 6.152 | 57167419 | 136.5E6  | 51.712   | 50.889    |
| 20)                         | A Methoxychlor  | 7.393  | 6.438 | 29467761 | 67483290 | 48.930   | 47.835    |
| 21)                         | B Endrin ke...  | 7.540  | 6.652 | 63209414 | 138.7E6  | 51.814   | 48.155    |
| 22)                         | Mirex           | 8.000  | 6.828 | 47506143 | 108.0E6  | 51.636   | 50.440    |
| 24)                         | Chlordane-2     | 5.133f | 0.000 | 82968838 | 0        | 1794.214 | N.D. #    |
| 25)                         | Chlordane-3     | 5.820  | 4.802 | 74735415 | 173.7E6  | 420.157  | 568.949 # |
| 26)                         | Chlordane-4     | 5.898  | 4.864 | 73866480 | 169.9E6  | 339.585  | 536.949 # |
| 27)                         | Chlordane-5     | 0.000  | 5.529 | 0        | 325693   | N.D.     | 3.720 #   |
| -----                       |                 |        |       |          |          |          |           |

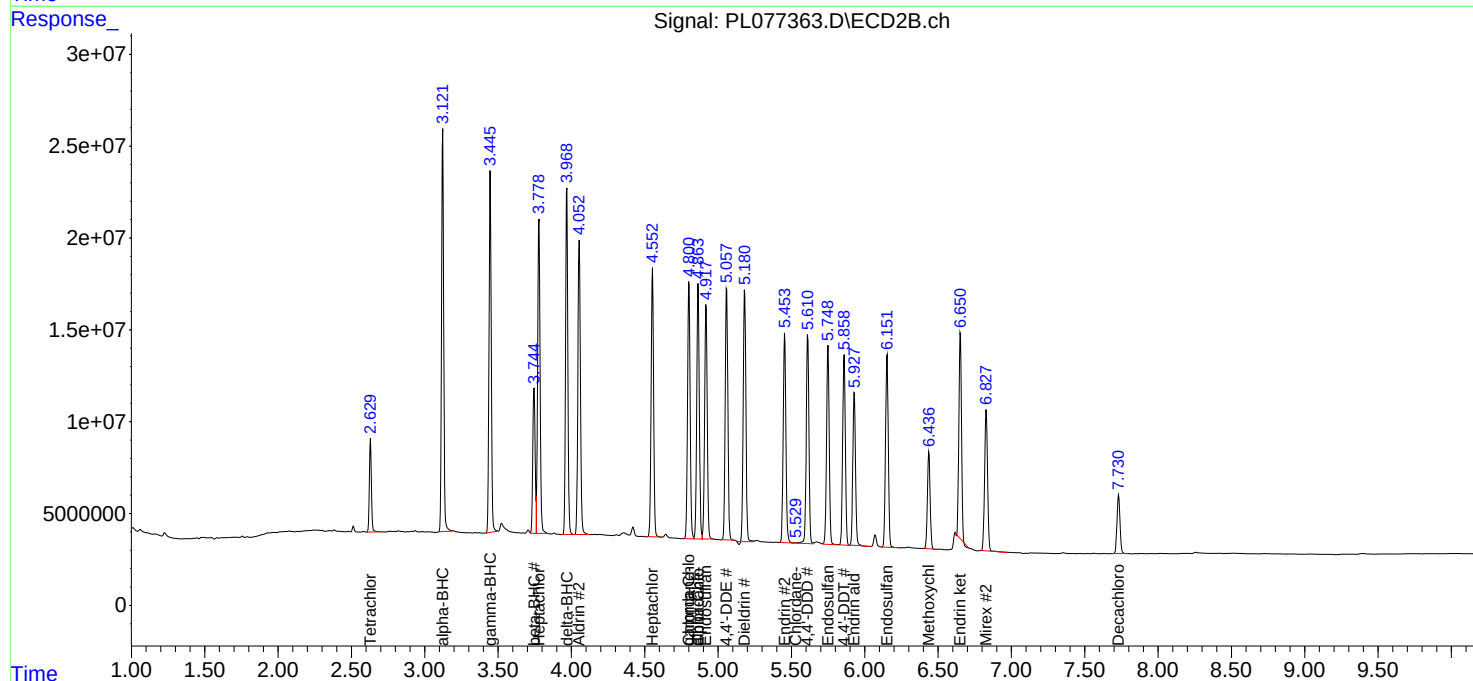
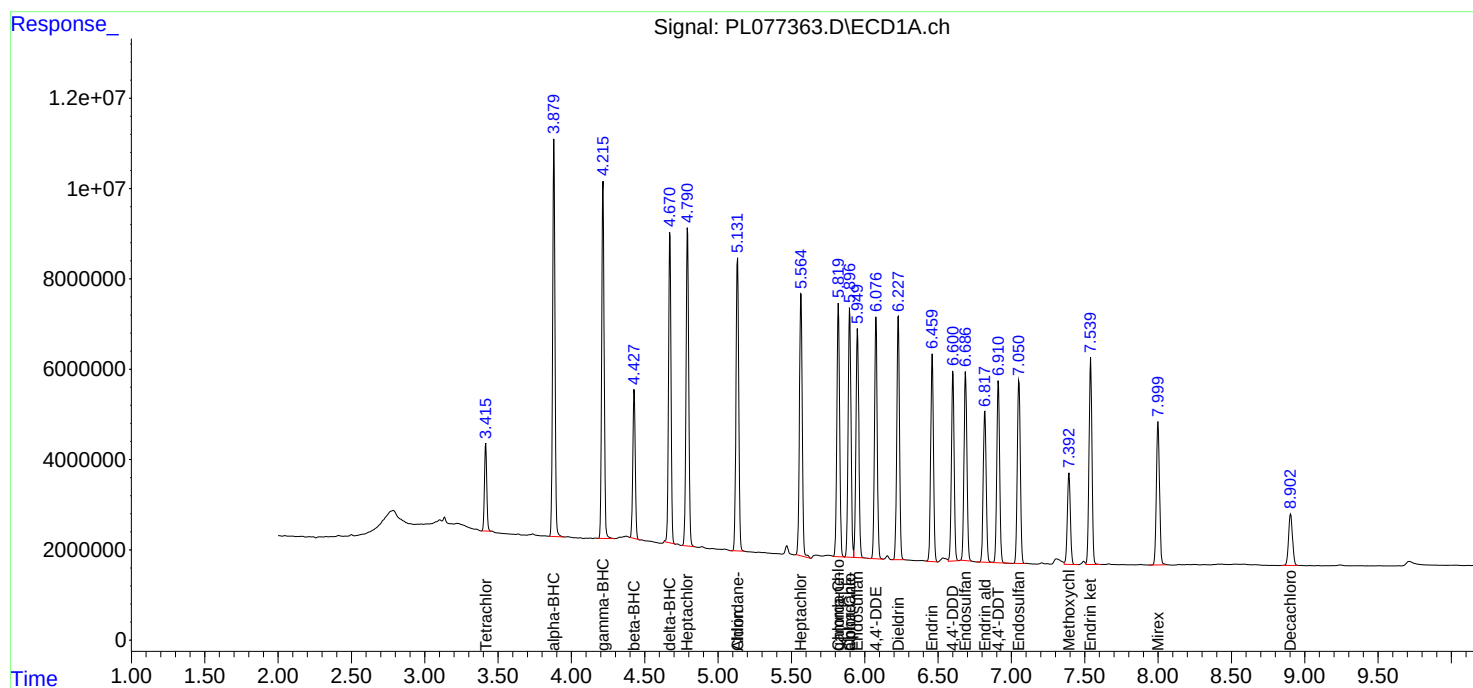
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

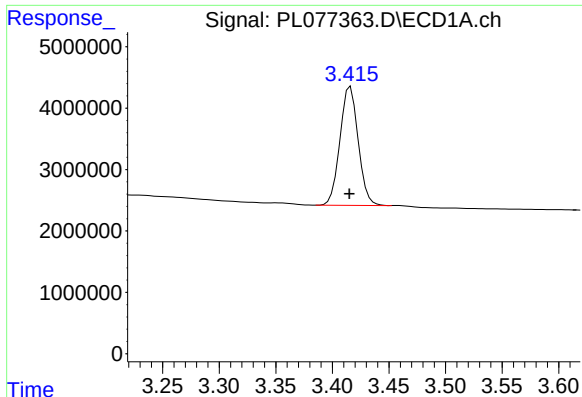
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082922\  
Data File : PL077363.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Aug 2022 16:46  
Operator : AR\AJ  
Sample : PB147331BSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 18:13:51 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082222.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 23 05:36:06 2022  
Response via : Initial Calibration  
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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

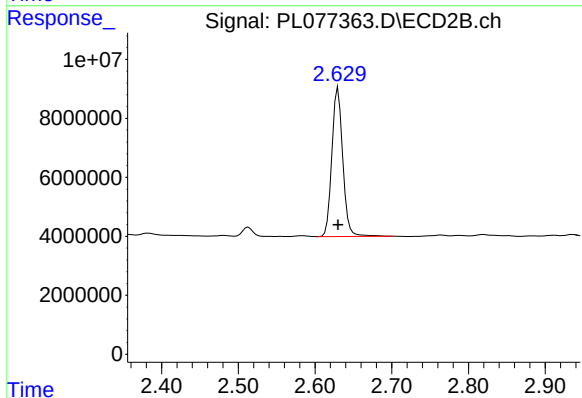




#1 Tetrachloro-m-xylene

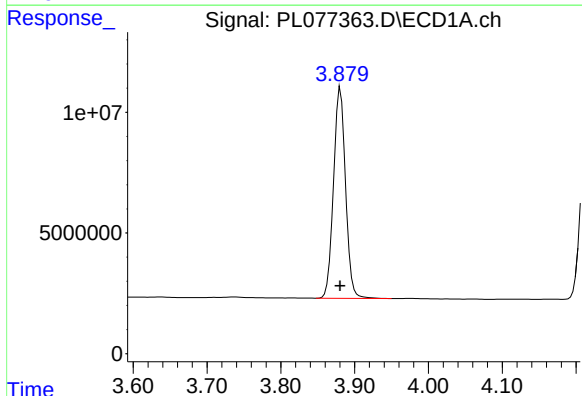
R.T.: 3.416 min  
Delta R.T.: 0.000 min  
Response: 21663316  
Conc: 15.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



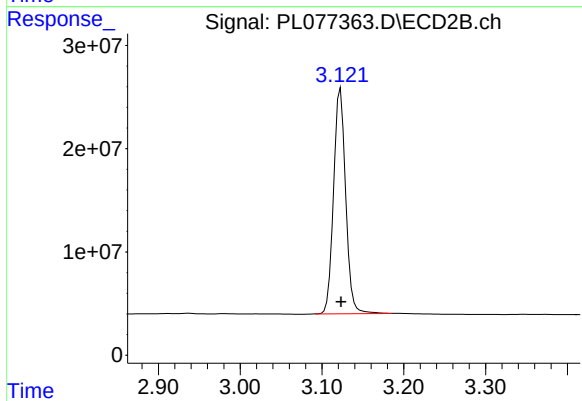
#1 Tetrachloro-m-xylene

R.T.: 2.630 min  
Delta R.T.: 0.000 min  
Response: 49834716  
Conc: 16.22 ng/ml



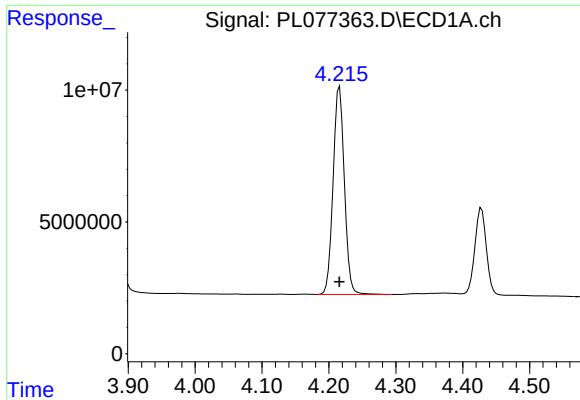
#2 alpha-BHC

R.T.: 3.881 min  
Delta R.T.: 0.000 min  
Response: 98937006  
Conc: 53.41 ng/ml



#2 alpha-BHC

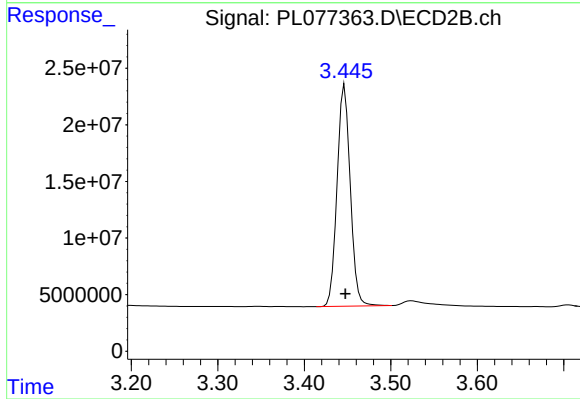
R.T.: 3.123 min  
Delta R.T.: 0.000 min  
Response: 224783773  
Conc: 51.48 ng/ml



#3 gamma-BHC (Lindane)

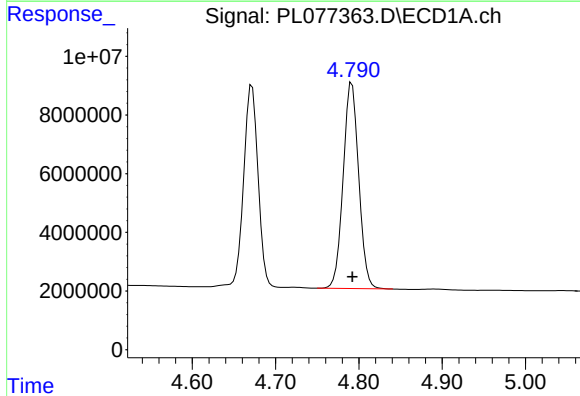
R.T.: 4.216 min  
Delta R.T.: 0.000 min  
Response: 91981056  
Conc: 52.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



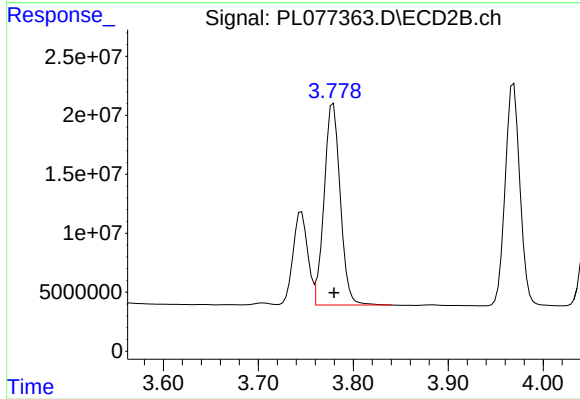
#3 gamma-BHC (Lindane)

R.T.: 3.447 min  
Delta R.T.: 0.000 min  
Response: 205991376  
Conc: 52.73 ng/ml



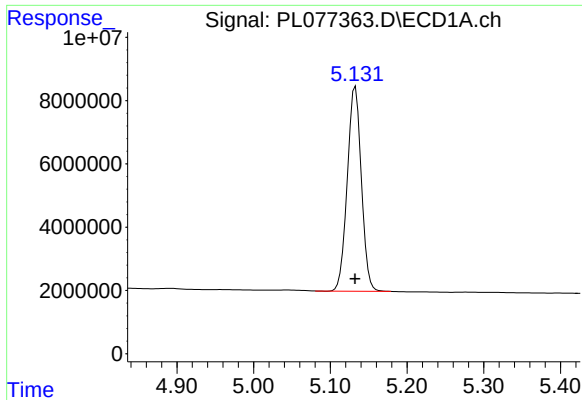
#4 Heptachlor

R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 90886287  
Conc: 52.52 ng/ml



#4 Heptachlor

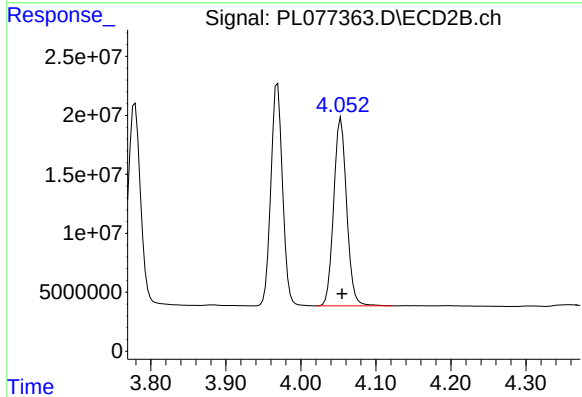
R.T.: 3.779 min  
Delta R.T.: 0.000 min  
Response: 201465267  
Conc: 51.68 ng/ml



#5 Aldrin

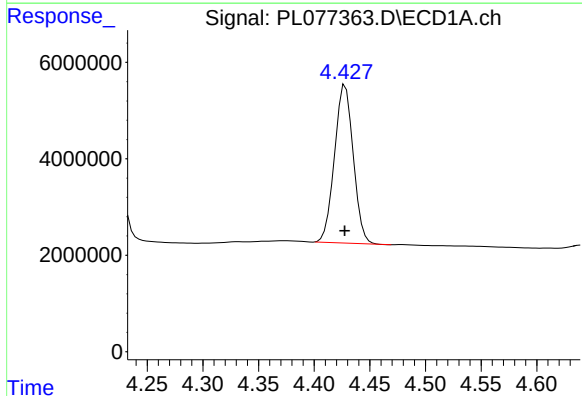
R.T.: 5.133 min  
Delta R.T.: 0.000 min  
Response: 82968838  
Conc: 52.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



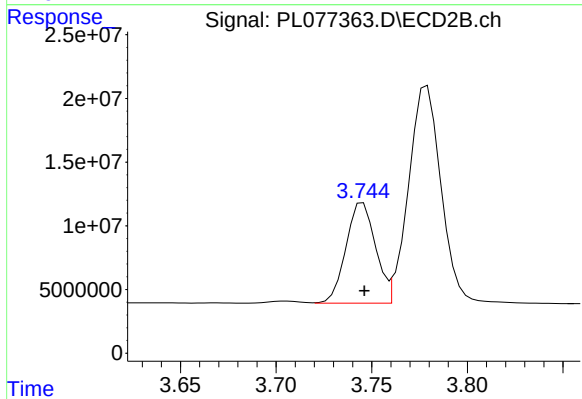
#5 Aldrin

R.T.: 4.053 min  
Delta R.T.: -0.001 min  
Response: 191292446  
Conc: 51.69 ng/ml



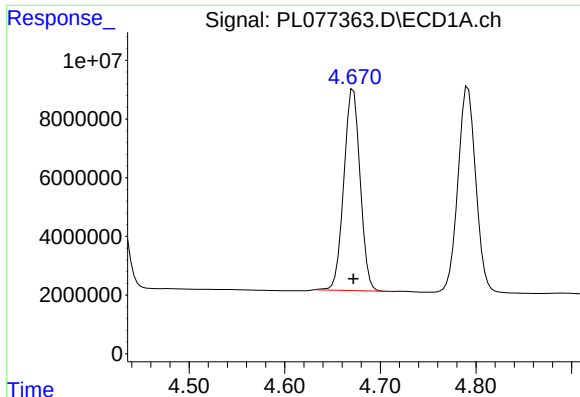
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: 0.000 min  
Response: 38367283  
Conc: 51.63 ng/ml



#6 beta-BHC

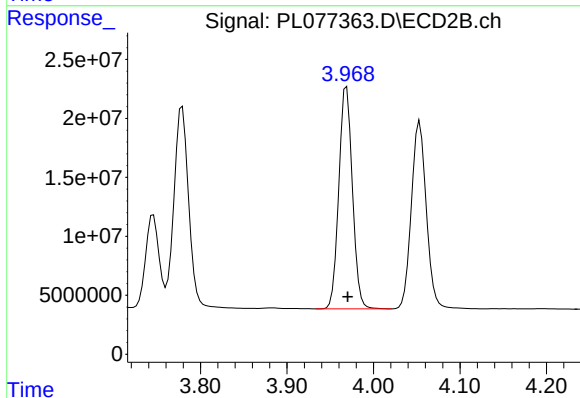
R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 84768192  
Conc: 51.40 ng/ml



#7 delta-BHC

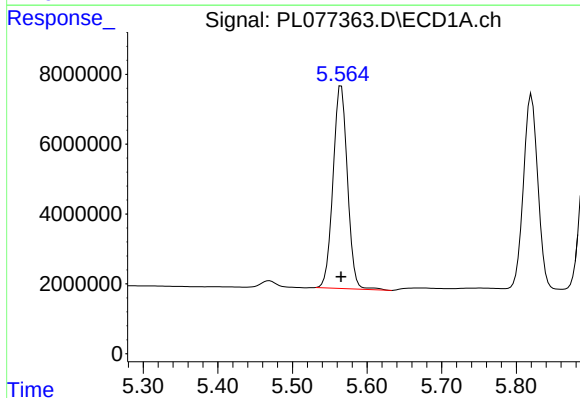
R.T.: 4.672 min  
Delta R.T.: 0.000 min  
Response: 81681841  
Conc: 52.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



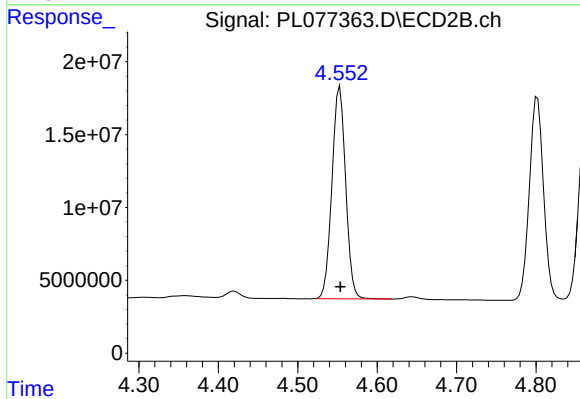
#7 delta-BHC

R.T.: 3.969 min  
Delta R.T.: -0.001 min  
Response: 203690000  
Conc: 51.16 ng/ml



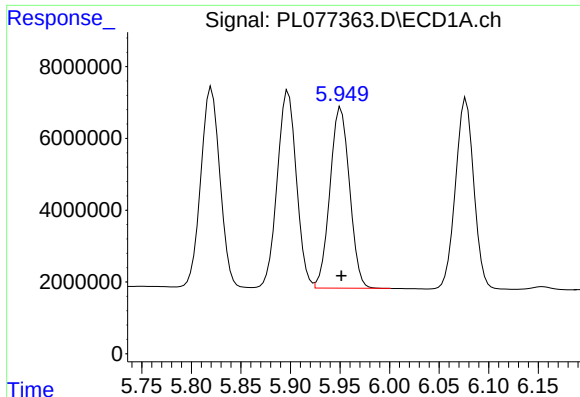
#8 Heptachlor epoxide

R.T.: 5.565 min  
Delta R.T.: 0.000 min  
Response: 78109860  
Conc: 58.04 ng/ml



#8 Heptachlor epoxide

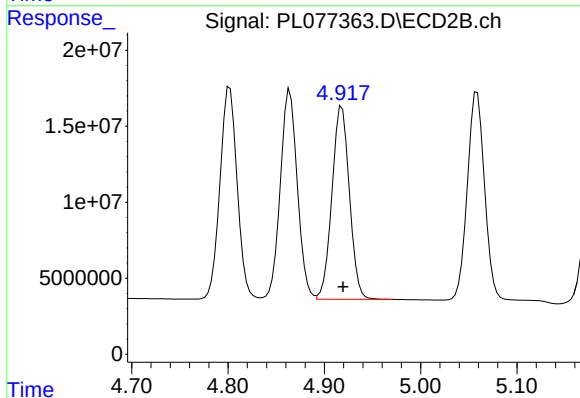
R.T.: 4.553 min  
Delta R.T.: 0.000 min  
Response: 174146517  
Conc: 52.47 ng/ml



#9 Endosulfan I

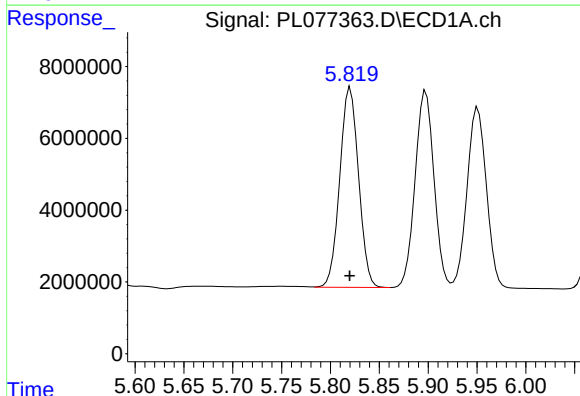
R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 69261395  
Conc: 52.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



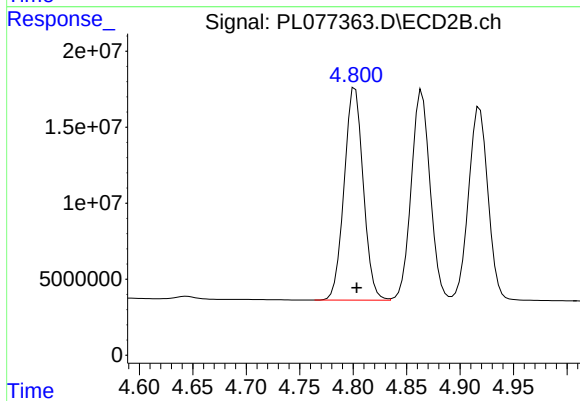
#9 Endosulfan I

R.T.: 4.918 min  
Delta R.T.: -0.001 min  
Response: 160580079  
Conc: 52.02 ng/ml



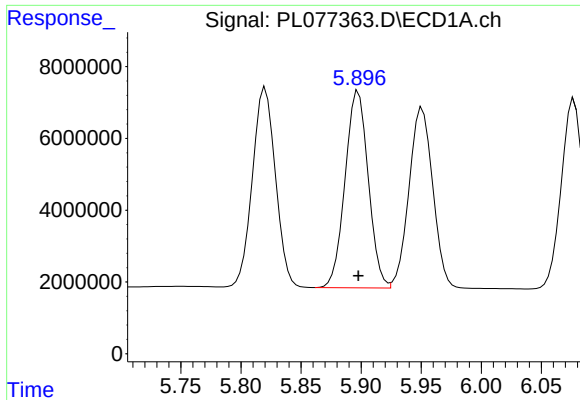
#10 gamma-Chlordane

R.T.: 5.820 min  
Delta R.T.: 0.000 min  
Response: 74735415  
Conc: 53.29 ng/ml



#10 gamma-Chlordane

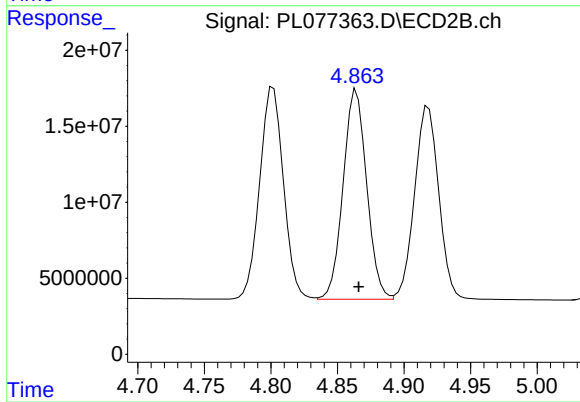
R.T.: 4.802 min  
Delta R.T.: -0.002 min  
Response: 173726184  
Conc: 51.96 ng/ml



#11 alpha-Chlordane

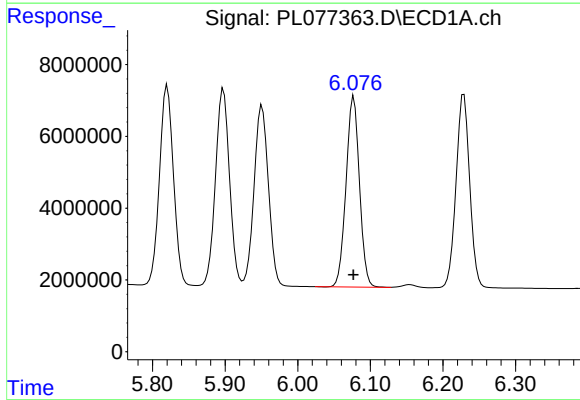
R.T.: 5.898 min  
Delta R.T.: 0.000 min  
Response: 73866480  
Conc: 52.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



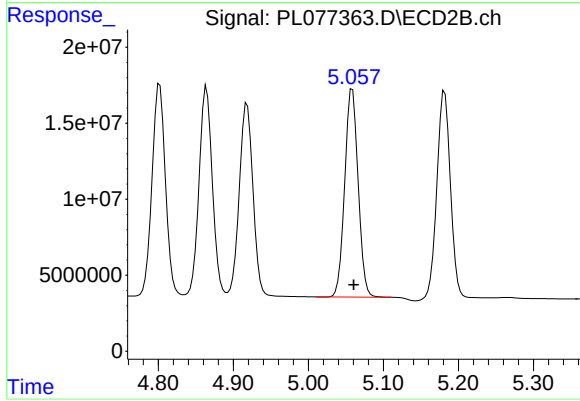
#11 alpha-Chlordane

R.T.: 4.864 min  
Delta R.T.: -0.002 min  
Response: 169929186  
Conc: 51.91 ng/ml



#12 4,4'-DDE

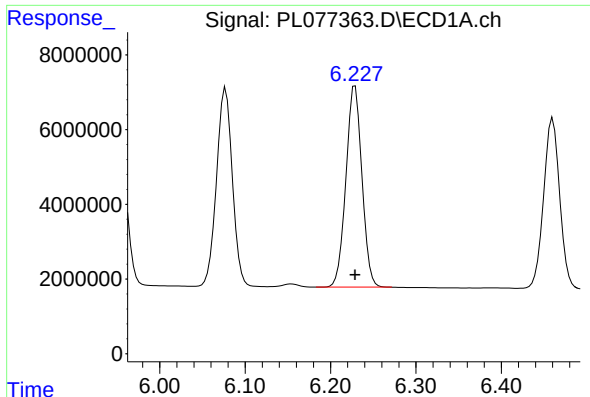
R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 68346791  
Conc: 52.65 ng/ml



#12 4,4'-DDE

R.T.: 5.059 min  
Delta R.T.: -0.002 min  
Response: 170326446  
Conc: 52.73 ng/ml

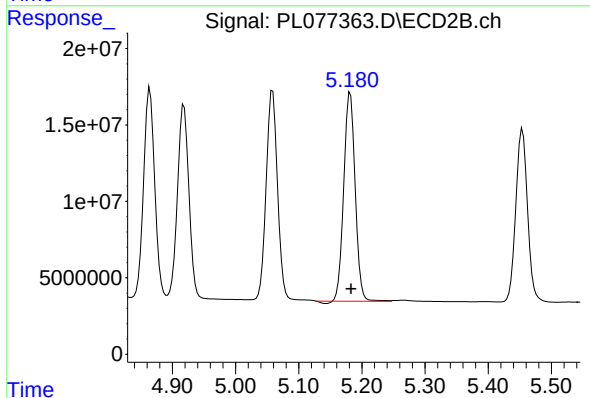




#13 Dieldrin

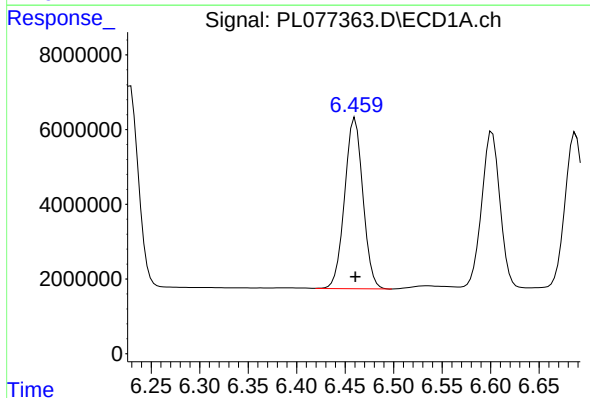
R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 70191348  
Conc: 52.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



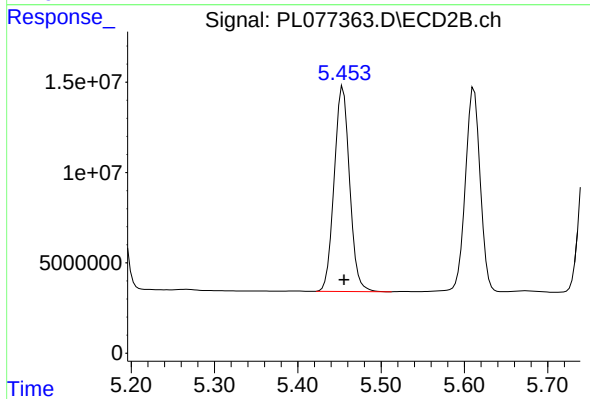
#13 Dieldrin

R.T.: 5.182 min  
Delta R.T.: -0.001 min  
Response: 170990376  
Conc: 52.07 ng/ml



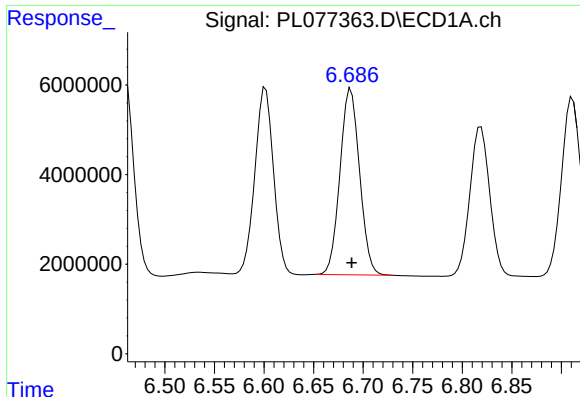
#14 Endrin

R.T.: 6.460 min  
Delta R.T.: 0.000 min  
Response: 59950012  
Conc: 50.82 ng/ml



#14 Endrin

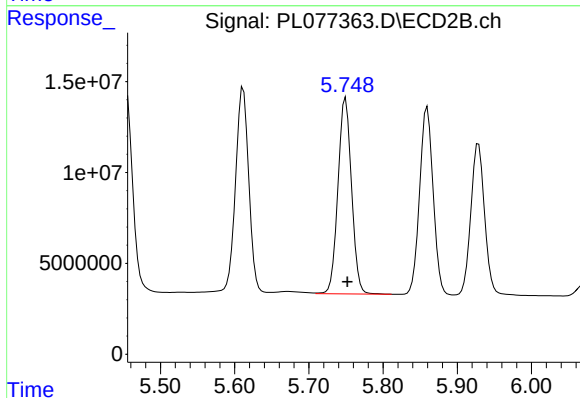
R.T.: 5.454 min  
Delta R.T.: -0.001 min  
Response: 146457167  
Conc: 53.57 ng/ml



#15 Endosulfan II

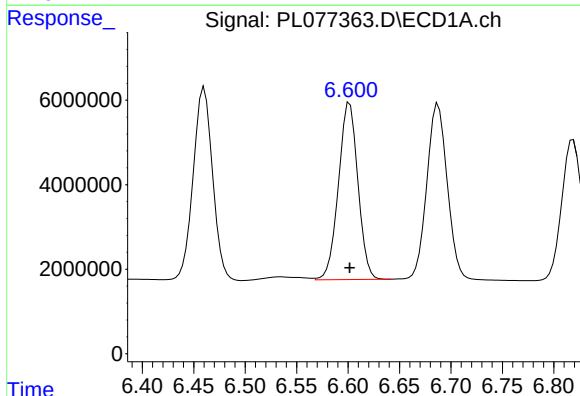
R.T.: 6.688 min  
Delta R.T.: 0.000 min  
Response: 57172932  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



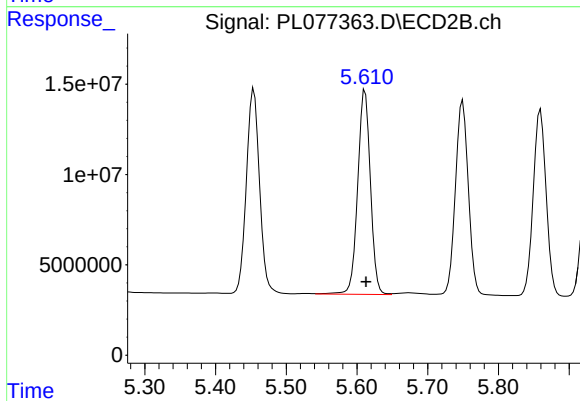
#15 Endosulfan II

R.T.: 5.750 min  
Delta R.T.: -0.002 min  
Response: 137281150  
Conc: 50.62 ng/ml



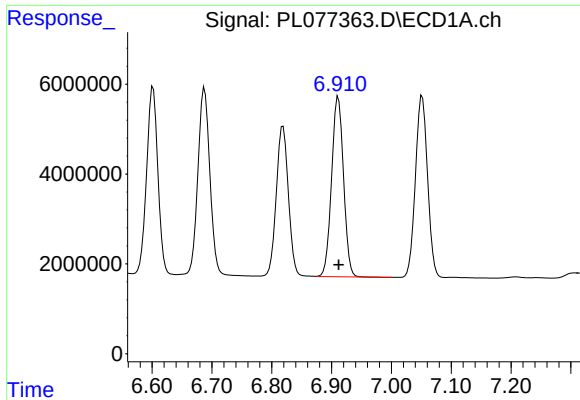
#16 4,4'-DDD

R.T.: 6.602 min  
Delta R.T.: 0.000 min  
Response: 55172390  
Conc: 54.01 ng/ml



#16 4,4'-DDD

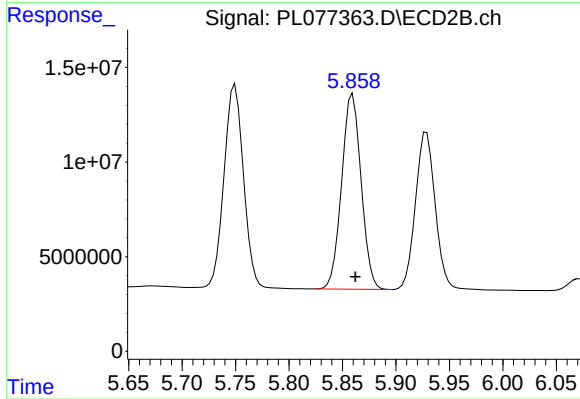
R.T.: 5.612 min  
Delta R.T.: -0.002 min  
Response: 141679511  
Conc: 52.99 ng/ml



#17 4,4'-DDT

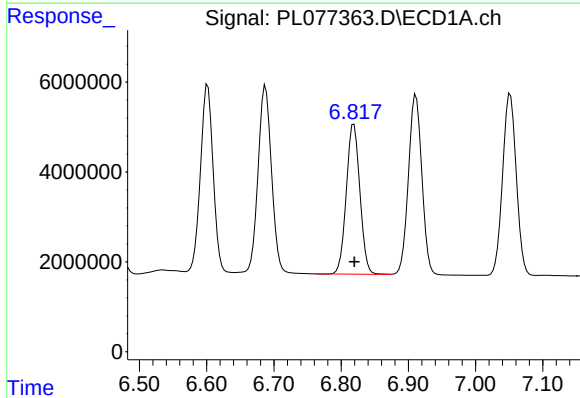
R.T.: 6.911 min  
Delta R.T.: 0.000 min  
Response: 55630326  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



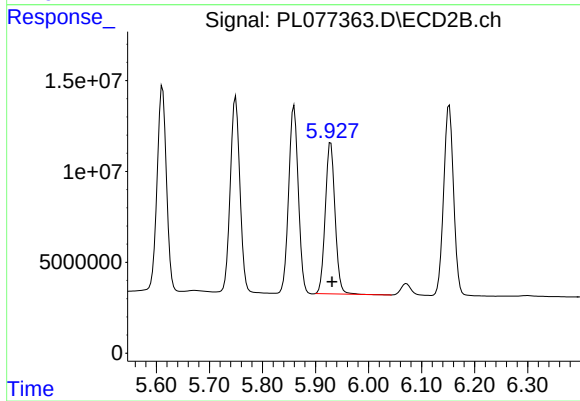
#17 4,4'-DDT

R.T.: 5.860 min  
Delta R.T.: -0.002 min  
Response: 130836963  
Conc: 49.67 ng/ml



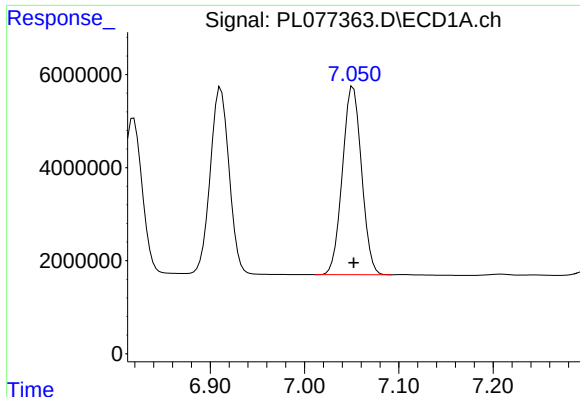
#18 Endrin aldehyde

R.T.: 6.819 min  
Delta R.T.: -0.001 min  
Response: 46988618  
Conc: 51.47 ng/ml



#18 Endrin aldehyde

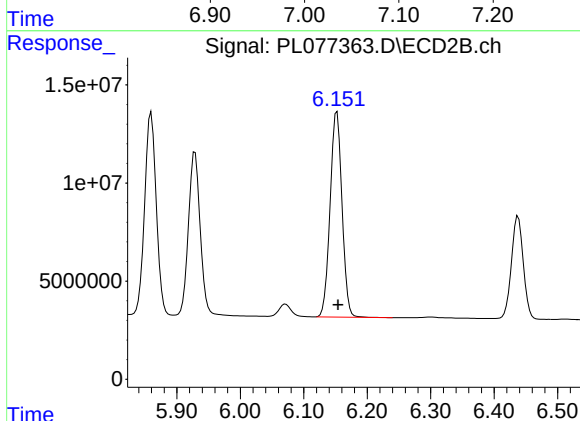
R.T.: 5.929 min  
Delta R.T.: -0.003 min  
Response: 106865779  
Conc: 51.07 ng/ml



#19 Endosulfan Sulfate

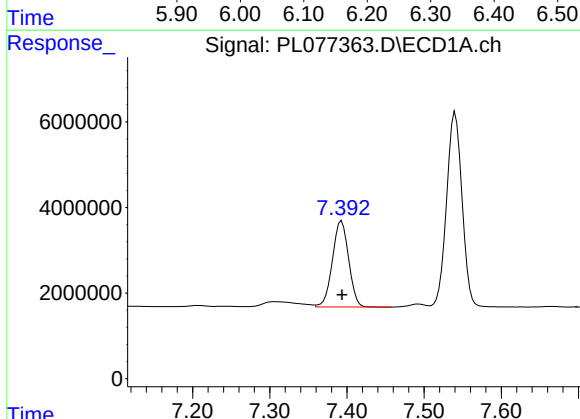
R.T.: 7.052 min  
Delta R.T.: 0.000 min  
Response: 57167419  
Conc: 51.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



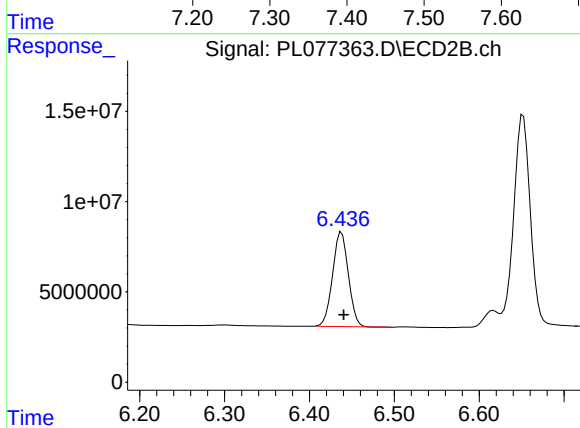
#19 Endosulfan Sulfate

R.T.: 6.152 min  
Delta R.T.: -0.002 min  
Response: 136507669  
Conc: 50.89 ng/ml



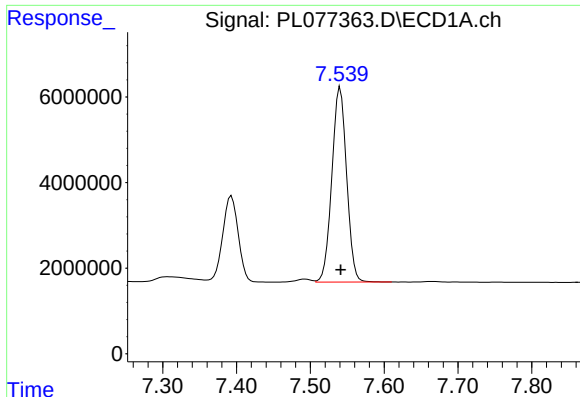
#20 Methoxychlor

R.T.: 7.393 min  
Delta R.T.: 0.000 min  
Response: 29467761  
Conc: 48.93 ng/ml



#20 Methoxychlor

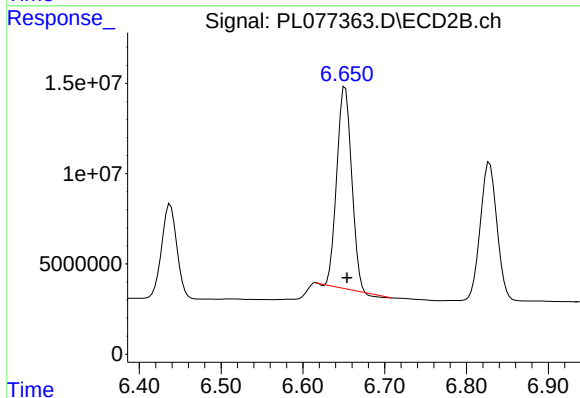
R.T.: 6.438 min  
Delta R.T.: -0.003 min  
Response: 67483290  
Conc: 47.84 ng/ml



#21 Endrin ketone

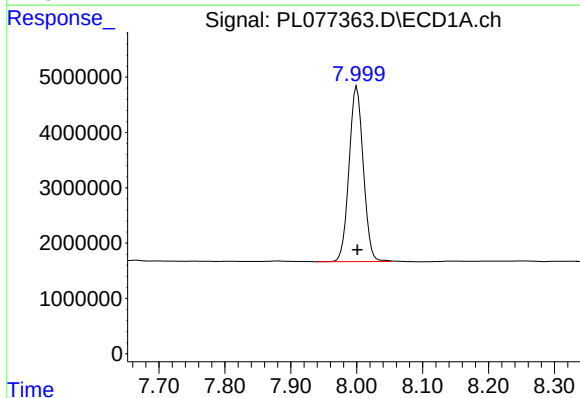
R.T.: 7.540 min  
Delta R.T.: 0.000 min  
Response: 63209414  
Conc: 51.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



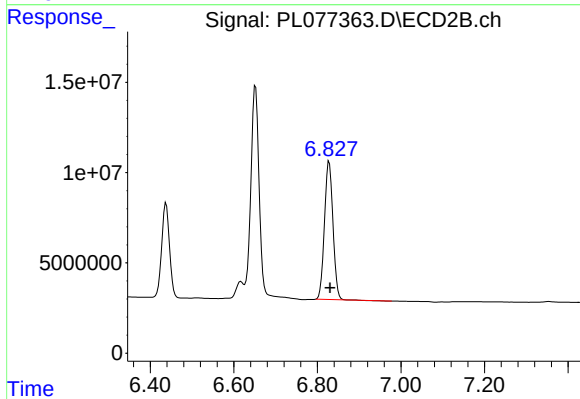
#21 Endrin ketone

R.T.: 6.652 min  
Delta R.T.: -0.002 min  
Response: 138726998  
Conc: 48.16 ng/ml



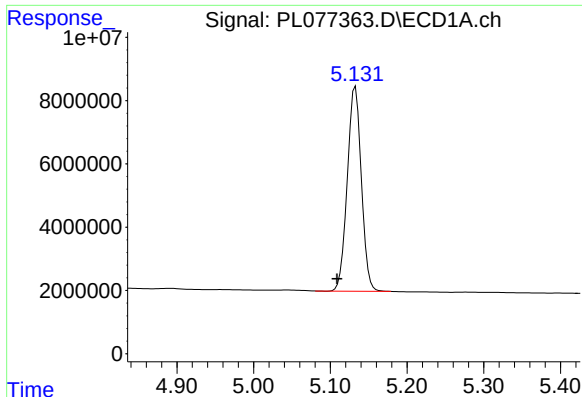
#22 Mirex

R.T.: 8.000 min  
Delta R.T.: -0.001 min  
Response: 47506143  
Conc: 51.64 ng/ml



#22 Mirex

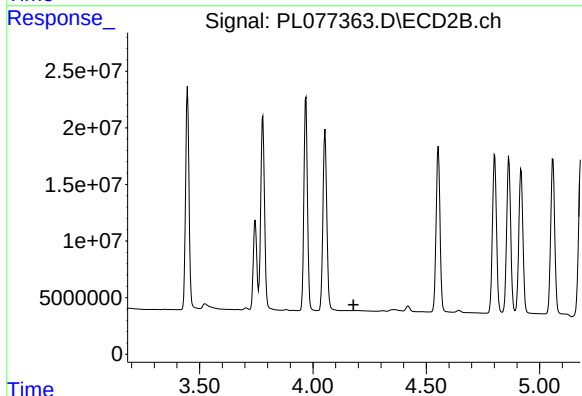
R.T.: 6.828 min  
Delta R.T.: -0.002 min  
Response: 108034004  
Conc: 50.44 ng/ml



#24 Chlordane-2

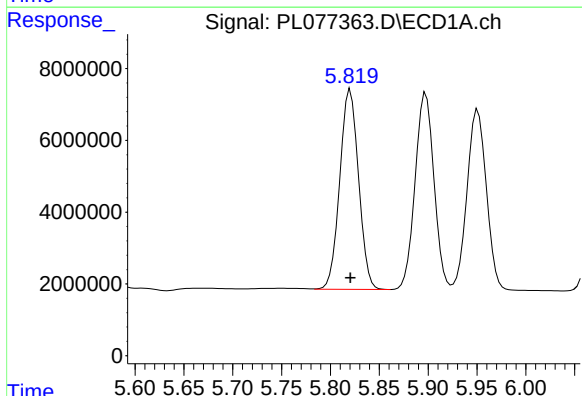
R.T.: 5.133 min  
Delta R.T.: 0.024 min  
Response: 82968838  
Conc: 1794.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



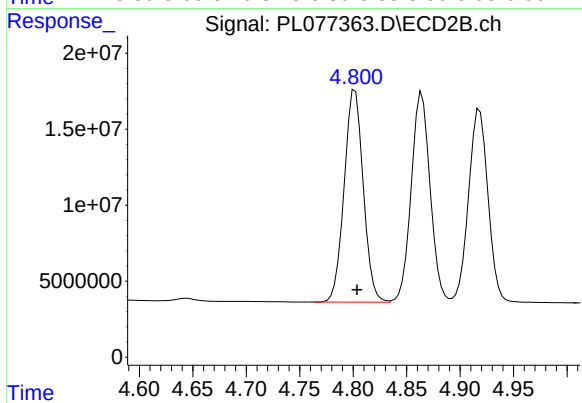
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.179 min  
Response: 0  
Conc: N.D.



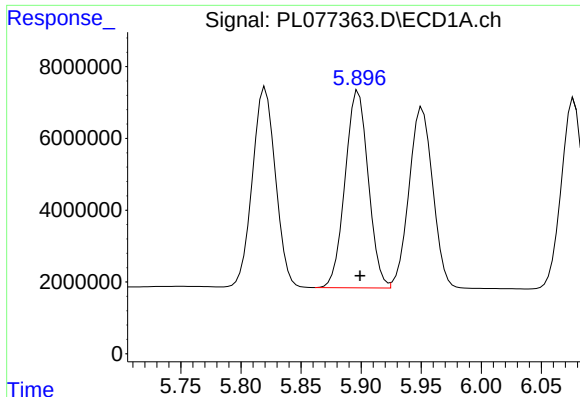
#25 Chlordane-3

R.T.: 5.820 min  
Delta R.T.: 0.000 min  
Response: 74735415  
Conc: 420.16 ng/ml



#25 Chlordane-3

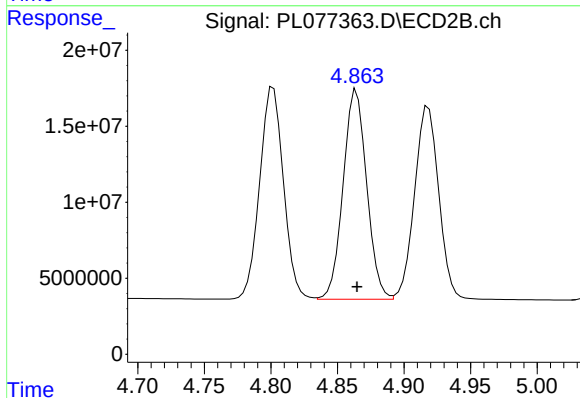
R.T.: 4.802 min  
Delta R.T.: -0.002 min  
Response: 173726184  
Conc: 568.95 ng/ml



#26 Chlordane-4

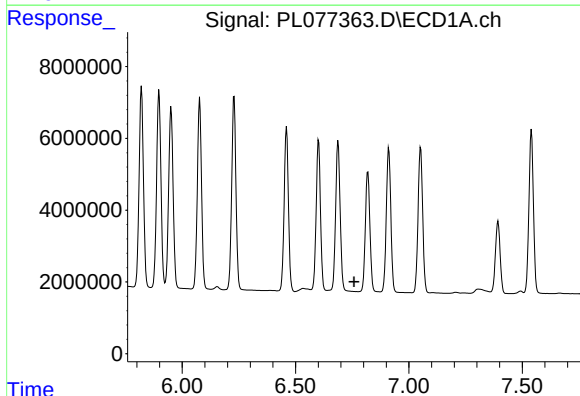
R.T.: 5.898 min  
Delta R.T.: -0.001 min  
Response: 73866480  
Conc: 339.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



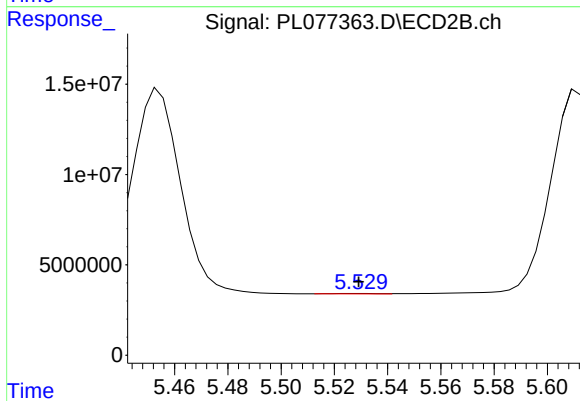
#26 Chlordane-4

R.T.: 4.864 min  
Delta R.T.: 0.000 min  
Response: 169929186  
Conc: 536.95 ng/ml



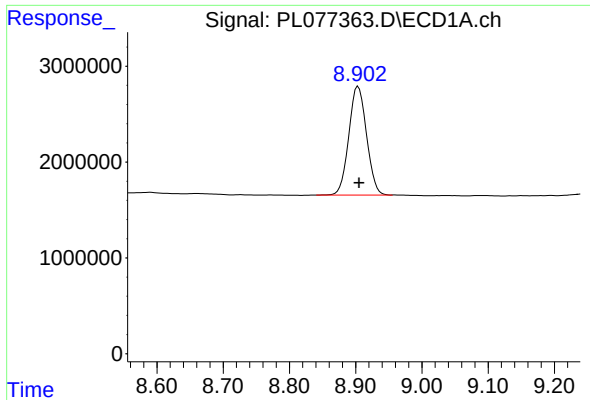
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.758 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

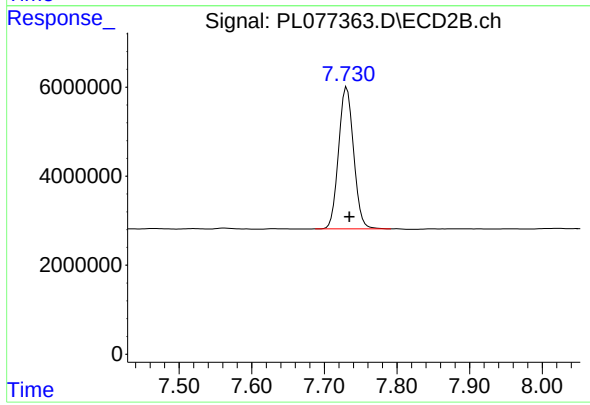
R.T.: 5.529 min  
Delta R.T.: 0.000 min  
Response: 325693  
Conc: 3.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.904 min  
Delta R.T.: -0.002 min  
Response: 21110027  
Conc: 18.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.731 min  
Delta R.T.: -0.003 min  
Response: 45779313  
Conc: 16.41 ng/ml