

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081221\  
 Data File : PL068936.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Aug 2021 16:46  
 Operator : AR\AJ  
 Sample : PB138352BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 13 05:18:27 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 06 03:02:43 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... | 4.639  | 5.567  | 8859254  | 24819025 | 21.418   | 24.444     |
| 28)                         | SA Decachlor... | 10.408 | 11.489 | 13045210 | 21970248 | 22.699   | 22.644     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.345  | 6.148  | 32700421 | 79381065 | 59.117   | 58.290     |
| 3)                          | MA gamma-BHC... | 5.768  | 6.544  | 27251498 | 74086213 | 50.212   | 56.942     |
| 4)                          | MA Heptachlor   | 6.179  | 7.193  | 29076843 | 73206119 | 49.506   | 54.531     |
| 5)                          | MB Aldrin       | 6.503  | 7.564  | 26645468 | 65525902 | 49.827   | 54.291     |
| 6)                          | B beta-BHC      | 6.147  | 6.796  | 14149796 | 38579734 | 50.194   | 59.551     |
| 7)                          | B delta-BHC     | 6.408  | 7.064  | 27860177 | 71914642 | 51.924   | 57.083     |
| 8)                          | B Heptachlo...  | 7.080  | 8.030  | 26681056 | 62169054 | 50.061   | 53.777     |
| 9)                          | A Endosulfan I  | 7.482  | 8.436  | 25599014 | 56838292 | 50.422   | 53.896     |
| 10)                         | B gamma-Chl...  | 7.357  | 8.299  | 27720557 | 61480316 | 50.581   | 53.683     |
| 11)                         | B alpha-Chl...  | 7.426  | 8.380  | 27586615 | 61103316 | 50.125   | 53.206     |
| 12)                         | B 4,4'-DDE      | 7.640  | 8.567  | 24767682 | 57463376 | 51.276   | 54.366     |
| 13)                         | MA Dieldrin     | 7.768  | 8.725  | 26721106 | 58835254 | 51.654   | 54.294     |
| 14)                         | MA Endrin       | 8.060  | 8.965  | 24708747 | 48822106 | 51.271   | 53.787     |
| 15)                         | B Endosulfa...  | 8.370  | 9.197  | 24684527 | 49926509 | 51.458   | 54.435     |
| 16)                         | A 4,4'-DDD      | 8.226  | 9.107  | 22181026 | 46382519 | 51.680   | 54.281     |
| 17)                         | MA 4,4'-DDT     | 8.487  | 9.424  | 24059502 | 47490711 | 49.539   | 50.181     |
| 18)                         | B Endrin al...  | 8.558  | 9.332  | 22115912 | 43227134 | 58.977   | 61.686     |
| 19)                         | B Endosulfa...  | 8.789  | 9.570  | 26878158 | 49282232 | 52.246   | 54.067     |
| 20)                         | A Methoxychlor  | 9.081  | 9.909  | 15225835 | 25537383 | 48.638   | 49.073     |
| 21)                         | B Endrin ke...  | 9.308  | 10.068 | 30639588 | 53642546 | 52.372   | 52.680     |
| 22)                         | Mirex           | 9.496  | 10.535 | 25158692 | 38954565 | 50.212   | 49.253     |
| 23)                         | Chlordane-1     | 0.000  | 6.968  | 0        | 727724   | N.D.     | 17.257 #   |
| 24)                         | Chlordane-2     | 0.000  | 7.564f | 0        | 65525902 | N.D.     | 1512.301 # |
| 25)                         | Chlordane-3     | 7.357  | 8.299  | 27720557 | 61480316 | 528.486  | 376.358 #  |
| 26)                         | Chlordane-4     | 7.426  | 8.380  | 27586615 | 61103316 | 495.642  | 308.101 #  |
| 27)                         | Chlordane-5     | 8.370  | 0.000  | 24684527 | 0        | 1197.040 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

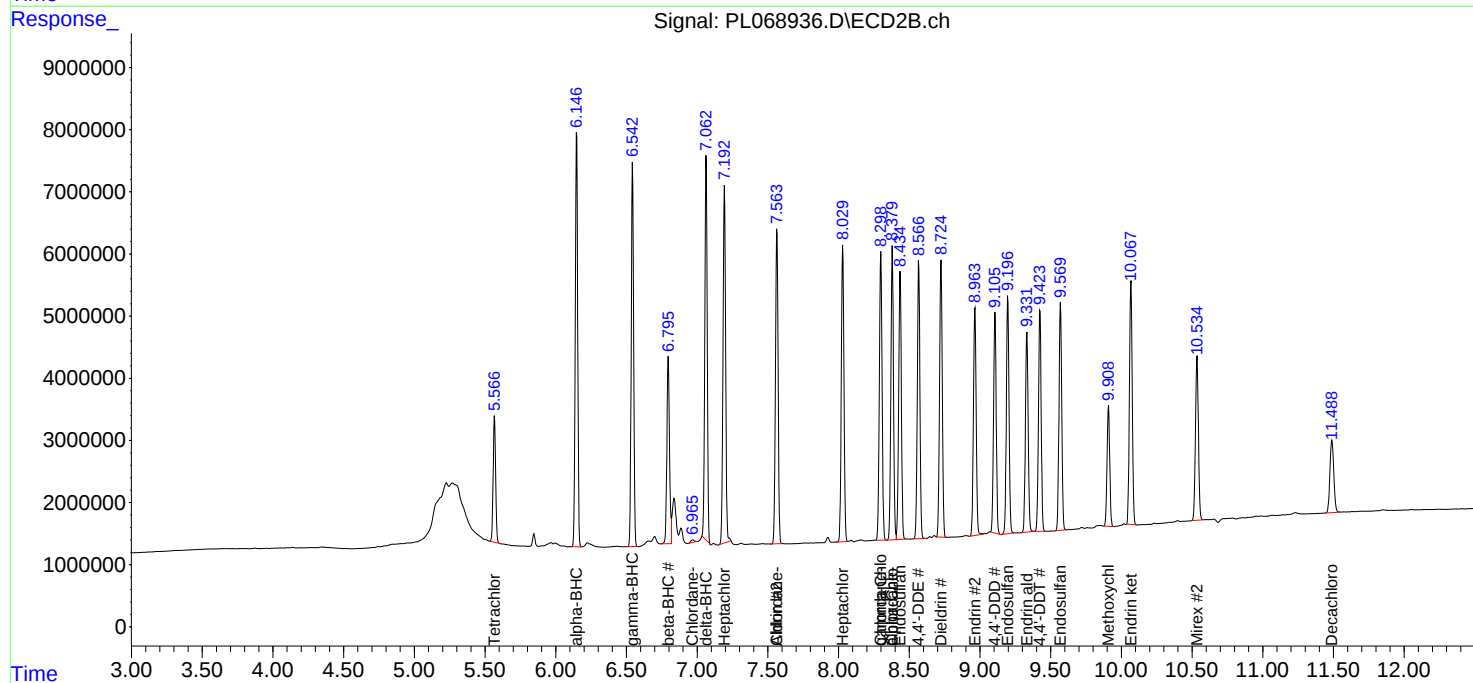
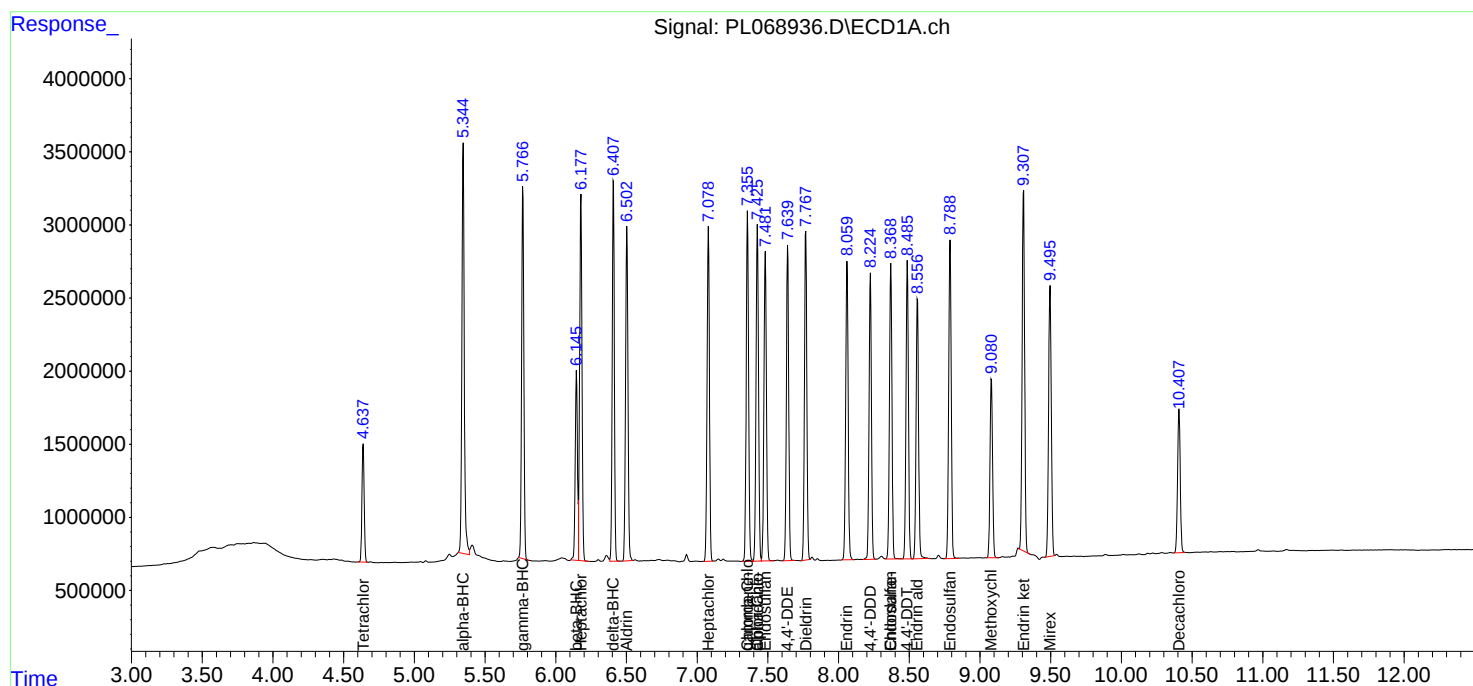
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

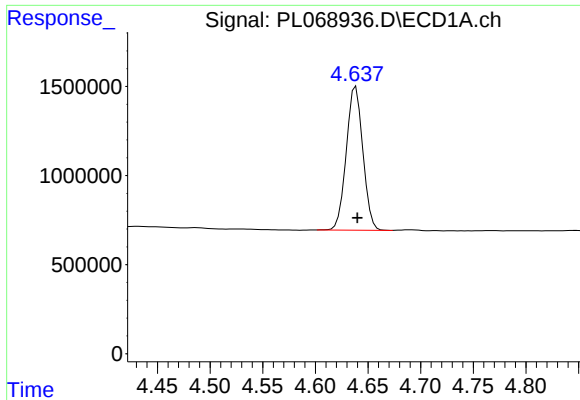
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081221\  
Data File : PL068936.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Aug 2021 16:46  
Operator : AR\AJ  
Sample : PB138352BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 13 05:18:27 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 06 03:02:43 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

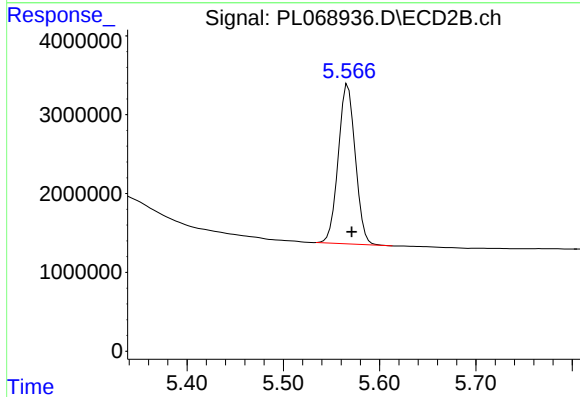




#1 Tetrachloro-m-xylene

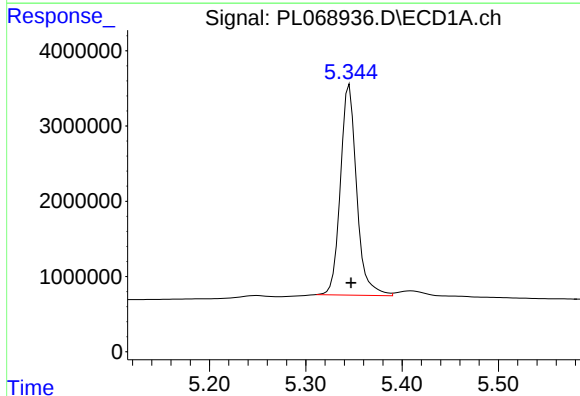
R.T.: 4.639 min  
Delta R.T.: -0.001 min  
Response: 8859254  
Conc: 21.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



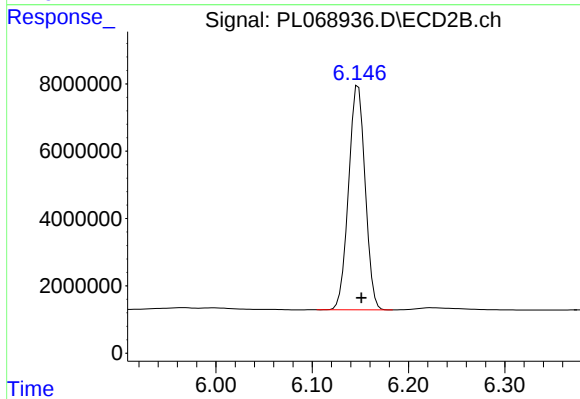
#1 Tetrachloro-m-xylene

R.T.: 5.567 min  
Delta R.T.: -0.004 min  
Response: 24819025  
Conc: 24.44 ng/ml



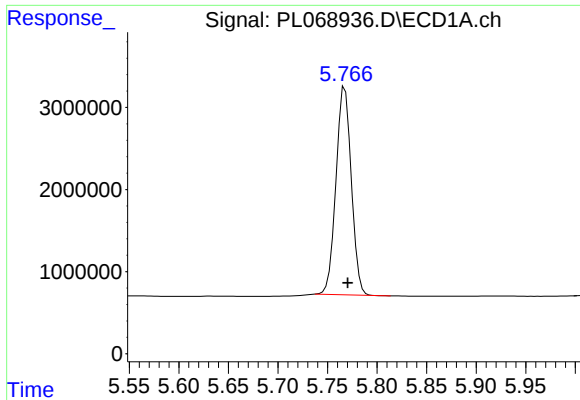
#2 alpha-BHC

R.T.: 5.345 min  
Delta R.T.: -0.002 min  
Response: 32700421  
Conc: 59.12 ng/ml



#2 alpha-BHC

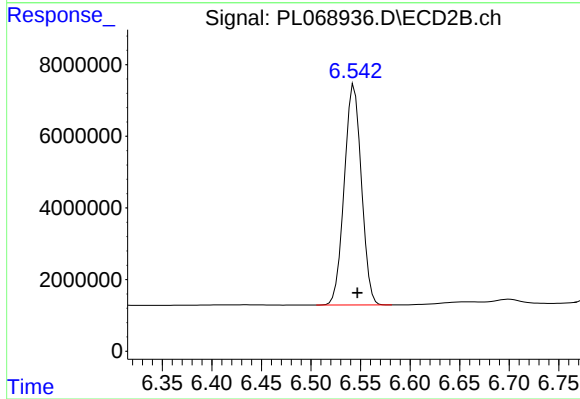
R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 79381065  
Conc: 58.29 ng/ml



#3 gamma-BHC (Lindane)

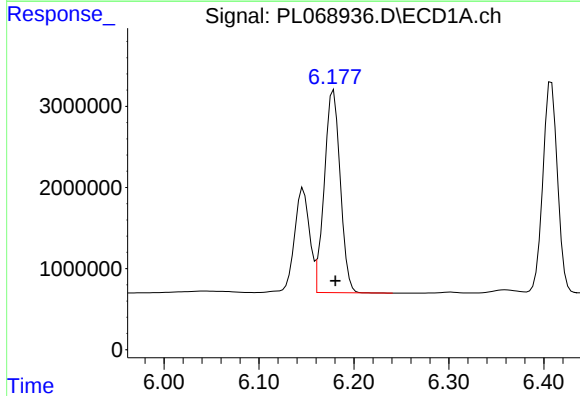
R.T.: 5.768 min  
Delta R.T.: -0.003 min  
Response: 27251498  
Conc: 50.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



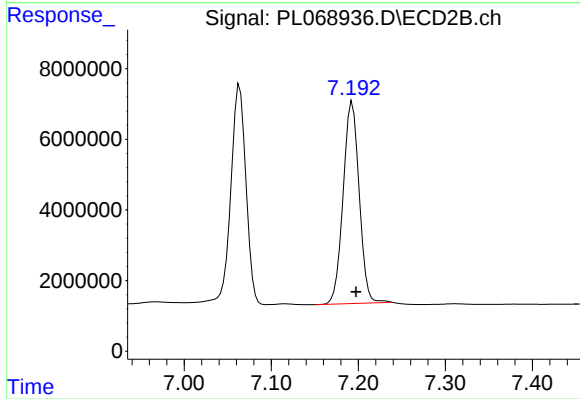
#3 gamma-BHC (Lindane)

R.T.: 6.544 min  
Delta R.T.: -0.003 min  
Response: 74086213  
Conc: 56.94 ng/ml



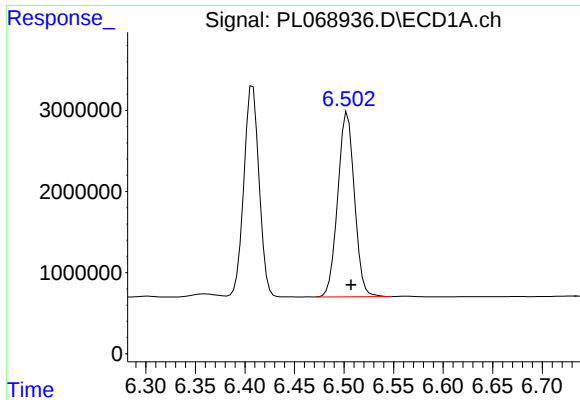
#4 Heptachlor

R.T.: 6.179 min  
Delta R.T.: -0.002 min  
Response: 29076843  
Conc: 49.51 ng/ml



#4 Heptachlor

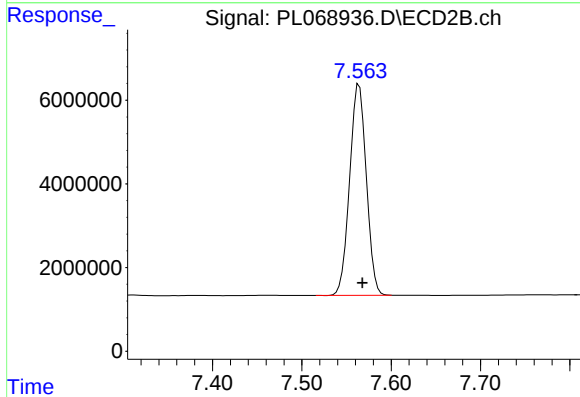
R.T.: 7.193 min  
Delta R.T.: -0.004 min  
Response: 73206119  
Conc: 54.53 ng/ml



#5 Aldrin

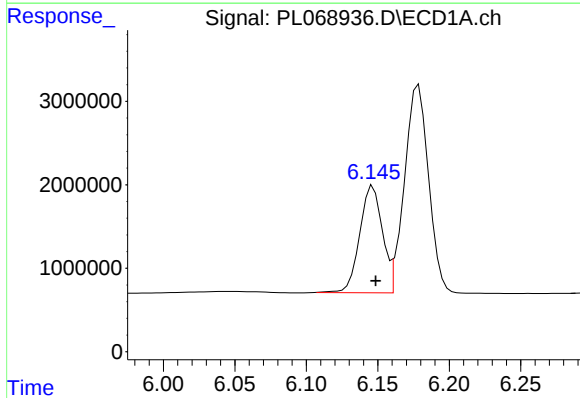
R.T.: 6.503 min  
Delta R.T.: -0.004 min  
Response: 26645468  
Conc: 49.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



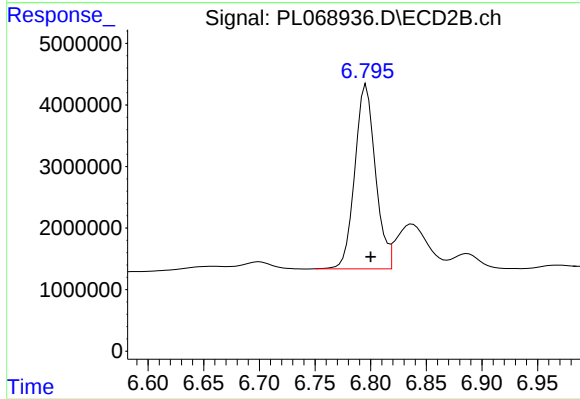
#5 Aldrin

R.T.: 7.564 min  
Delta R.T.: -0.004 min  
Response: 65525902  
Conc: 54.29 ng/ml



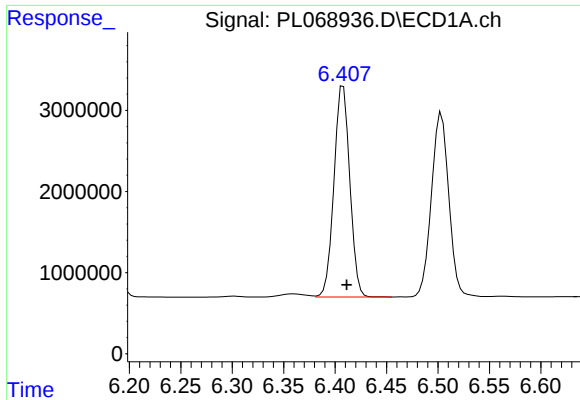
#6 beta-BHC

R.T.: 6.147 min  
Delta R.T.: -0.002 min  
Response: 14149796  
Conc: 50.19 ng/ml



#6 beta-BHC

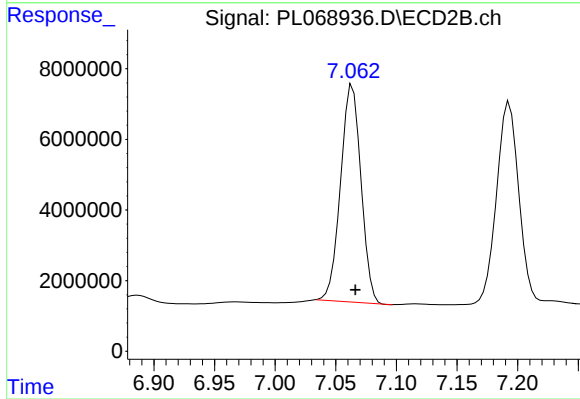
R.T.: 6.796 min  
Delta R.T.: -0.004 min  
Response: 38579734  
Conc: 59.55 ng/ml



#7 delta-BHC

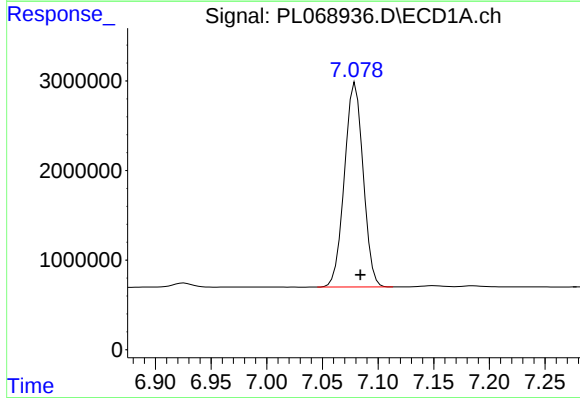
R.T.: 6.408 min  
Delta R.T.: -0.004 min  
Response: 27860177  
Conc: 51.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



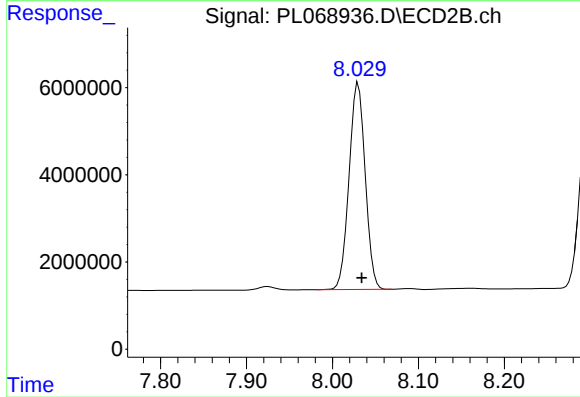
#7 delta-BHC

R.T.: 7.064 min  
Delta R.T.: -0.002 min  
Response: 71914642  
Conc: 57.08 ng/ml



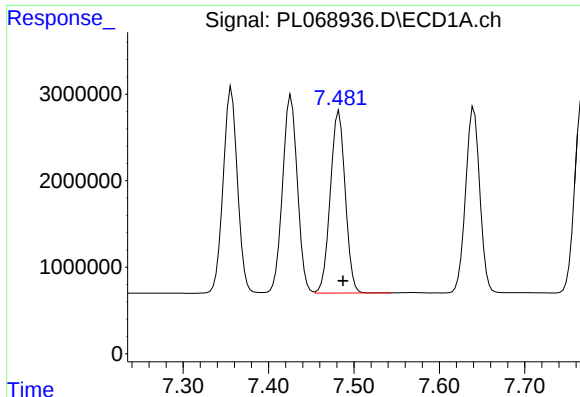
#8 Heptachlor epoxide

R.T.: 7.080 min  
Delta R.T.: -0.005 min  
Response: 26681056  
Conc: 50.06 ng/ml



#8 Heptachlor epoxide

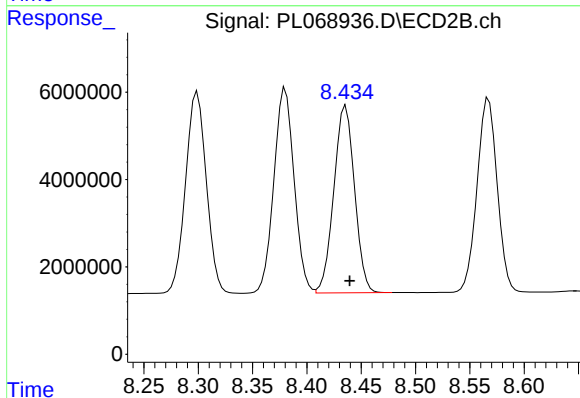
R.T.: 8.030 min  
Delta R.T.: -0.004 min  
Response: 62169054  
Conc: 53.78 ng/ml



#9 Endosulfan I

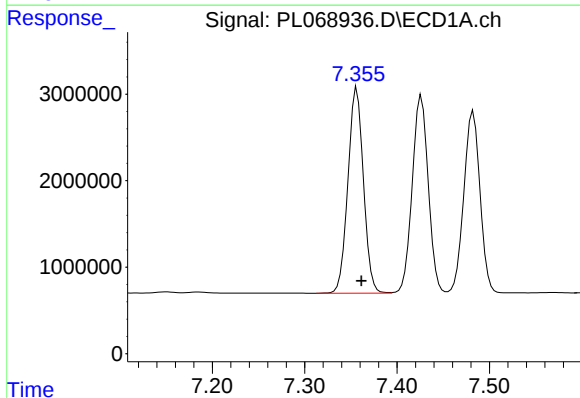
R.T.: 7.482 min  
Delta R.T.: -0.005 min  
Response: 25599014  
Conc: 50.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



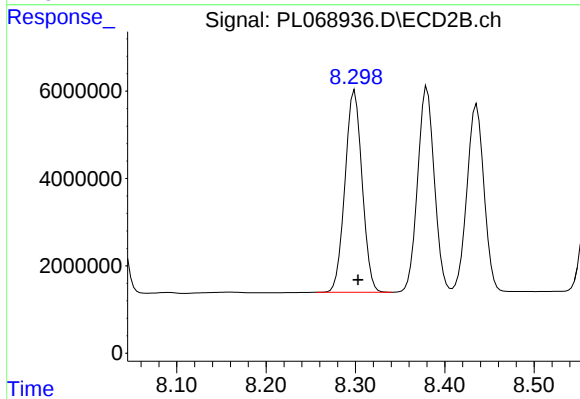
#9 Endosulfan I

R.T.: 8.436 min  
Delta R.T.: -0.004 min  
Response: 56838292  
Conc: 53.90 ng/ml



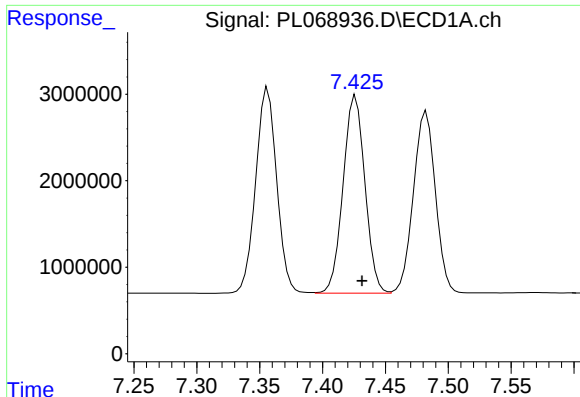
#10 gamma-Chlordane

R.T.: 7.357 min  
Delta R.T.: -0.005 min  
Response: 27720557  
Conc: 50.58 ng/ml



#10 gamma-Chlordane

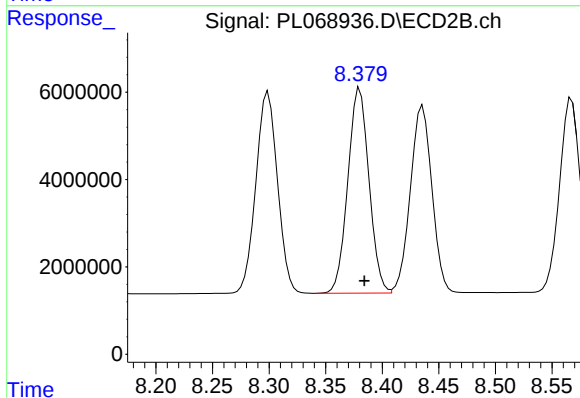
R.T.: 8.299 min  
Delta R.T.: -0.004 min  
Response: 61480316  
Conc: 53.68 ng/ml



#11 alpha-Chlordane

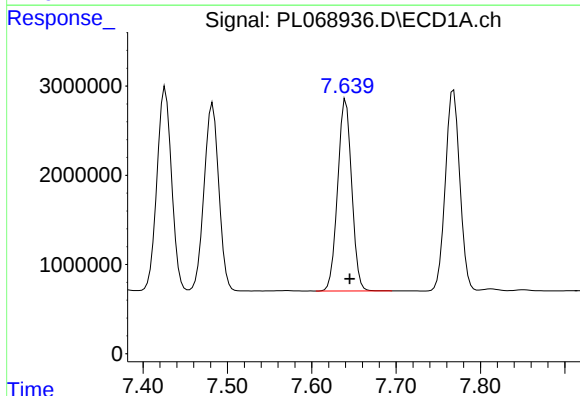
R.T.: 7.426 min  
Delta R.T.: -0.005 min  
Response: 27586615  
Conc: 50.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



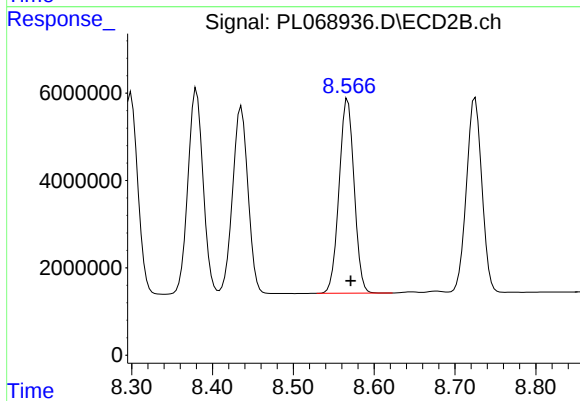
#11 alpha-Chlordane

R.T.: 8.380 min  
Delta R.T.: -0.004 min  
Response: 61103316  
Conc: 53.21 ng/ml



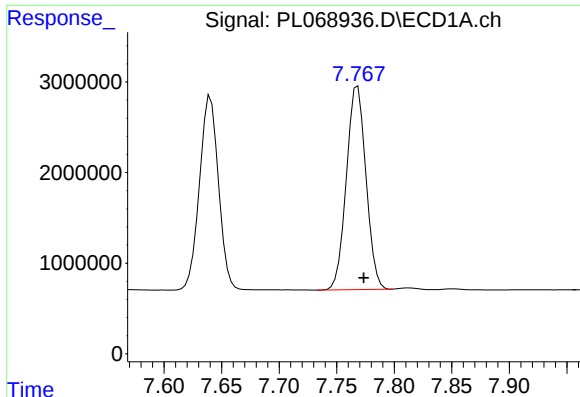
#12 4,4'-DDE

R.T.: 7.640 min  
Delta R.T.: -0.005 min  
Response: 24767682  
Conc: 51.28 ng/ml



#12 4,4'-DDE

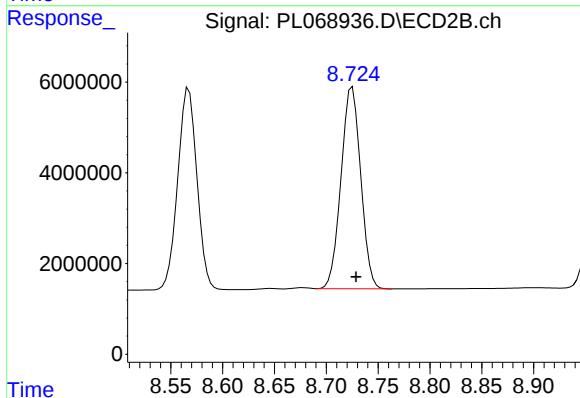
R.T.: 8.567 min  
Delta R.T.: -0.004 min  
Response: 57463376  
Conc: 54.37 ng/ml



#13 Dieldrin

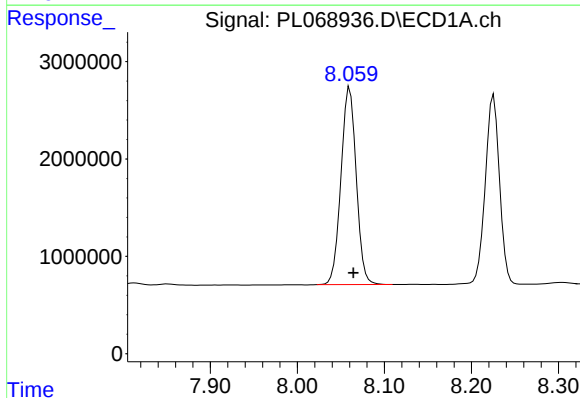
R.T.: 7.768 min  
Delta R.T.: -0.005 min  
Response: 26721106  
Conc: 51.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



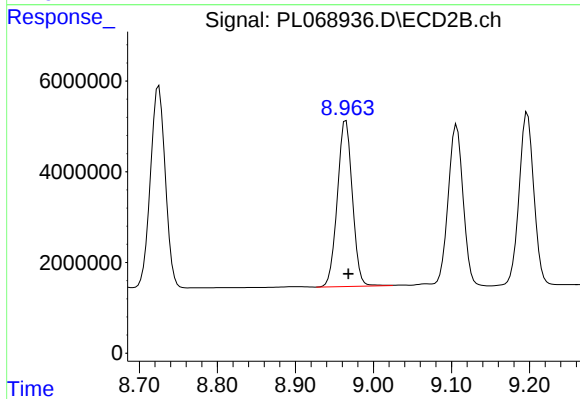
#13 Dieldrin

R.T.: 8.725 min  
Delta R.T.: -0.004 min  
Response: 58835254  
Conc: 54.29 ng/ml



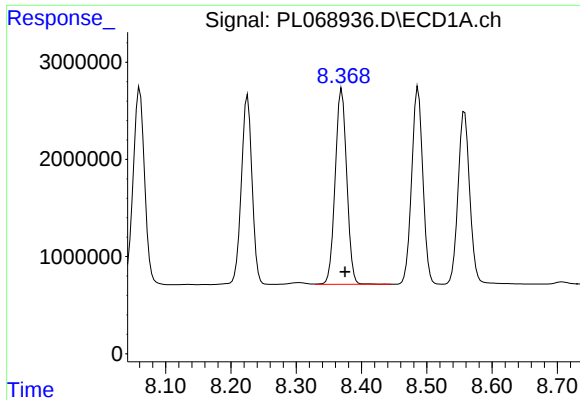
#14 Endrin

R.T.: 8.060 min  
Delta R.T.: -0.004 min  
Response: 24708747  
Conc: 51.27 ng/ml



#14 Endrin

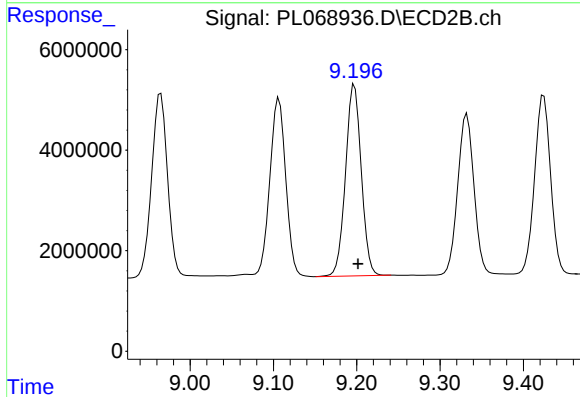
R.T.: 8.965 min  
Delta R.T.: -0.003 min  
Response: 48822106  
Conc: 53.79 ng/ml



#15 Endosulfan II

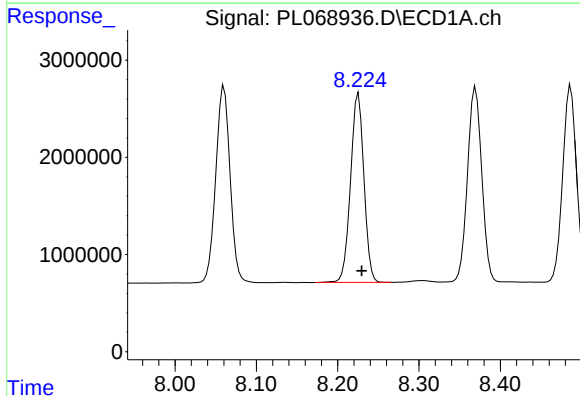
R.T.: 8.370 min  
Delta R.T.: -0.005 min  
Response: 24684527  
Conc: 51.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



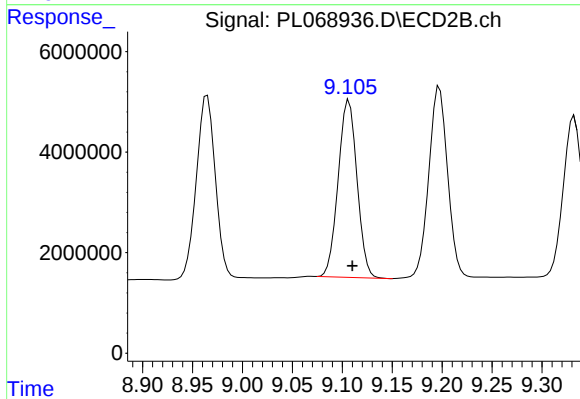
#15 Endosulfan II

R.T.: 9.197 min  
Delta R.T.: -0.004 min  
Response: 49926509  
Conc: 54.43 ng/ml



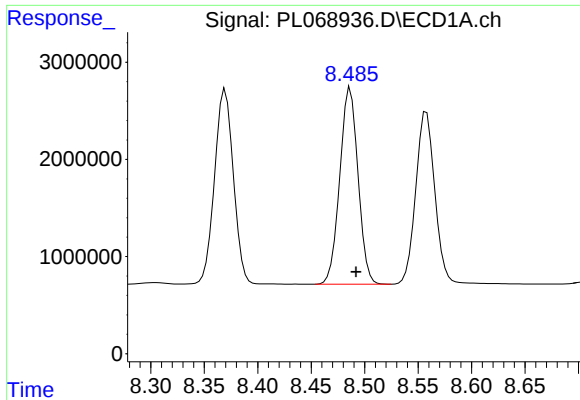
#16 4,4'-DDD

R.T.: 8.226 min  
Delta R.T.: -0.004 min  
Response: 22181026  
Conc: 51.68 ng/ml



#16 4,4'-DDD

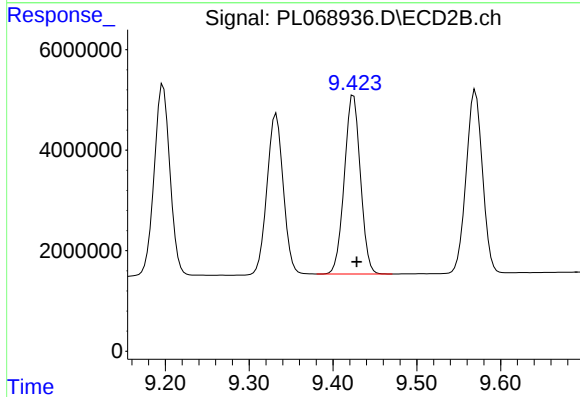
R.T.: 9.107 min  
Delta R.T.: -0.003 min  
Response: 46382519  
Conc: 54.28 ng/ml



#17 4,4'-DDT

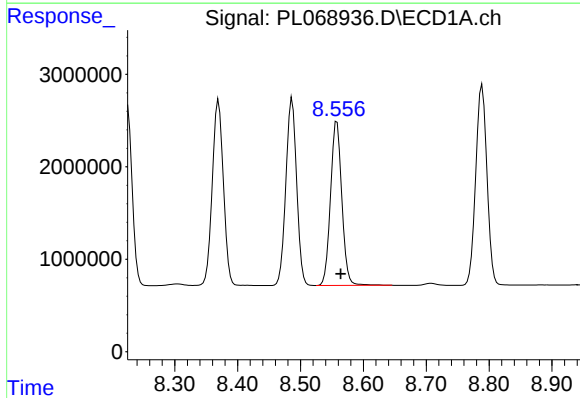
R.T.: 8.487 min  
Delta R.T.: -0.005 min  
Response: 24059502  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



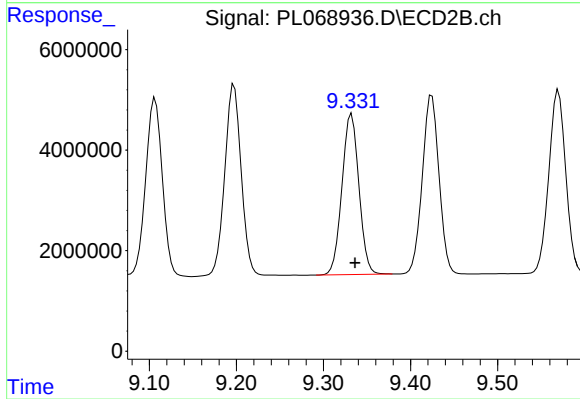
#17 4,4'-DDT

R.T.: 9.424 min  
Delta R.T.: -0.004 min  
Response: 47490711  
Conc: 50.18 ng/ml



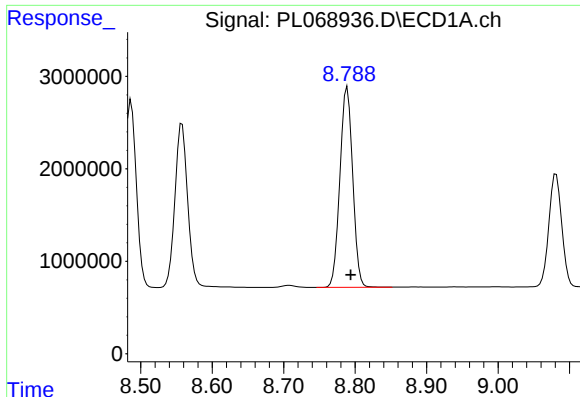
#18 Endrin aldehyde

R.T.: 8.558 min  
Delta R.T.: -0.006 min  
Response: 22115912  
Conc: 58.98 ng/ml



#18 Endrin aldehyde

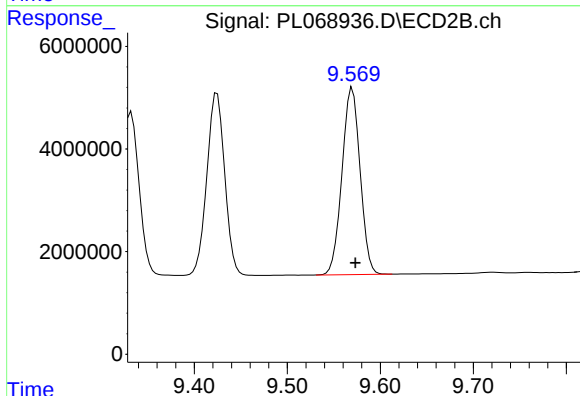
R.T.: 9.332 min  
Delta R.T.: -0.004 min  
Response: 43227134  
Conc: 61.69 ng/ml



#19 Endosulfan Sulfate

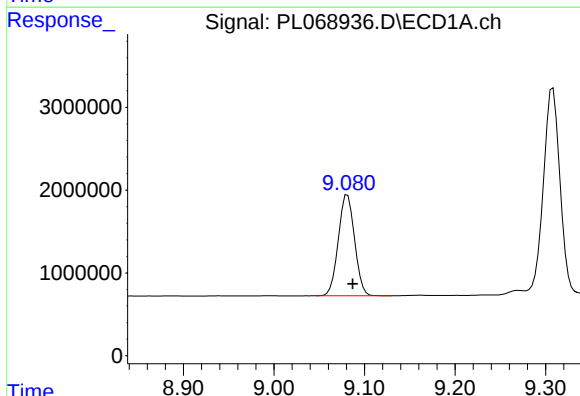
R.T.: 8.789 min  
Delta R.T.: -0.005 min  
Response: 26878158  
Conc: 52.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



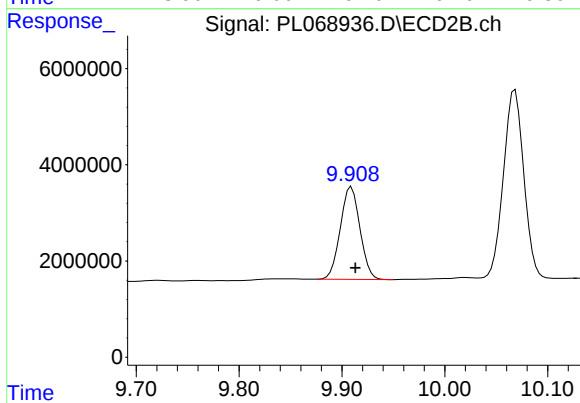
#19 Endosulfan Sulfate

R.T.: 9.570 min  
Delta R.T.: -0.003 min  
Response: 49282232  
Conc: 54.07 ng/ml



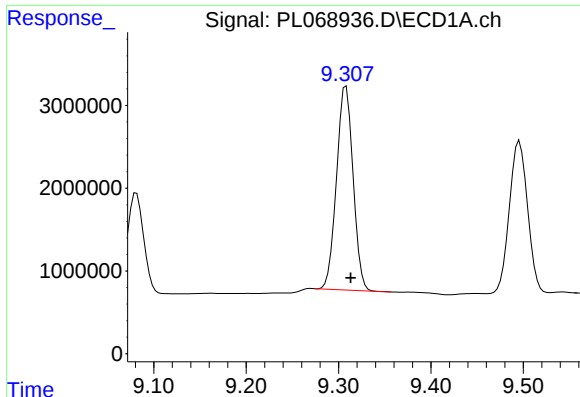
#20 Methoxychlor

R.T.: 9.081 min  
Delta R.T.: -0.006 min  
Response: 15225835  
Conc: 48.64 ng/ml



#20 Methoxychlor

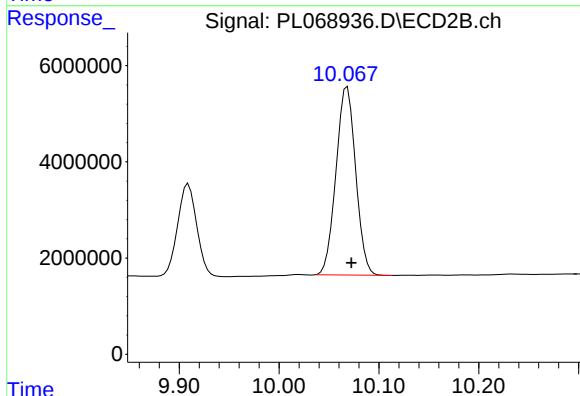
R.T.: 9.909 min  
Delta R.T.: -0.004 min  
Response: 25537383  
Conc: 49.07 ng/ml



#21 Endrin ketone

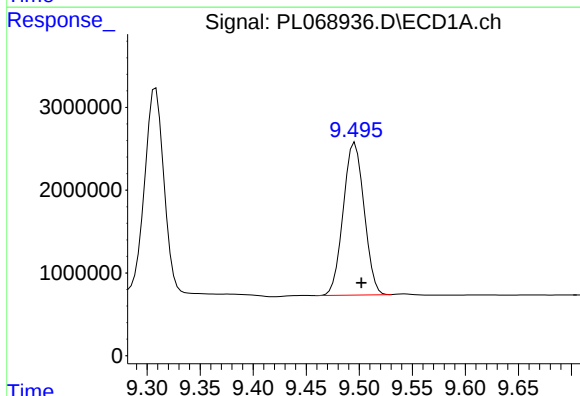
R.T.: 9.308 min  
Delta R.T.: -0.005 min  
Response: 30639588  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



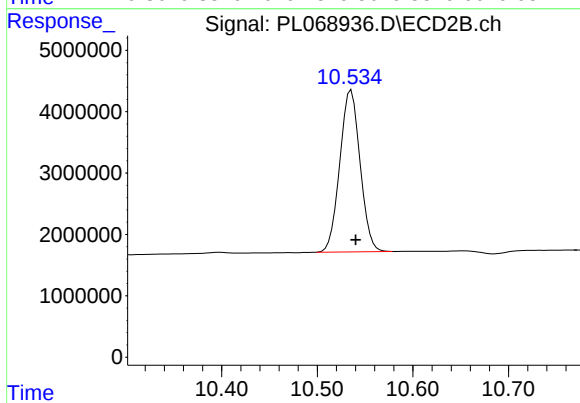
#21 Endrin ketone

R.T.: 10.068 min  
Delta R.T.: -0.004 min  
Response: 53642546  
Conc: 52.68 ng/ml



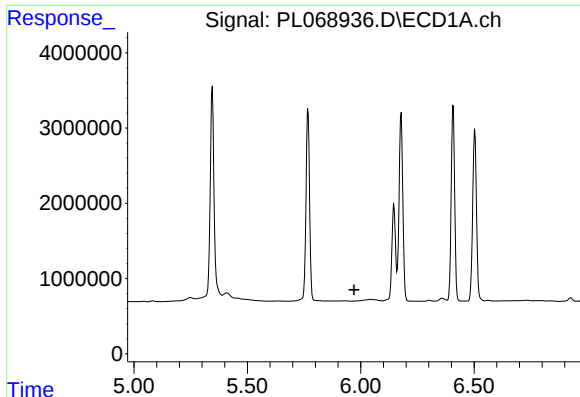
#22 Mirex

R.T.: 9.496 min  
Delta R.T.: -0.006 min  
Response: 25158692  
Conc: 50.21 ng/ml



#22 Mirex

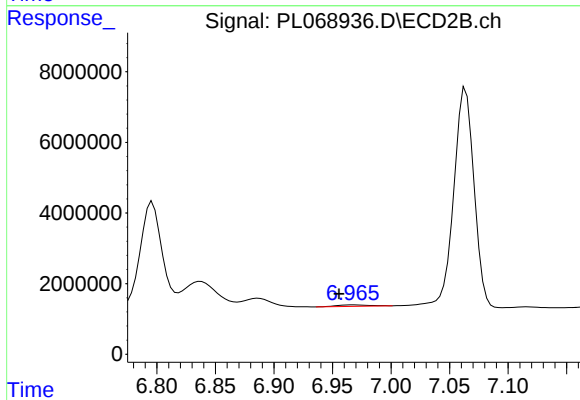
R.T.: 10.535 min  
Delta R.T.: -0.005 min  
Response: 38954565  
Conc: 49.25 ng/ml



#23 Chlordane-1

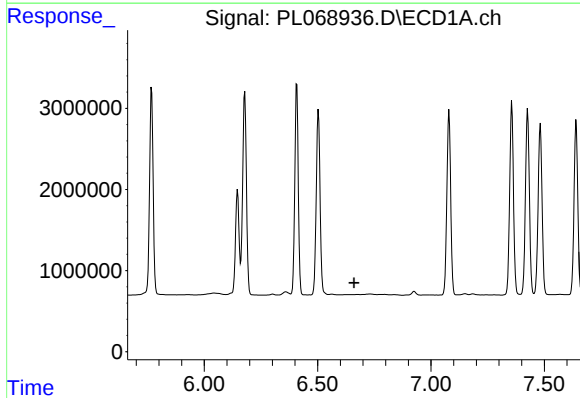
R.T.: 0.000 min  
Exp R.T.: 5.971 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



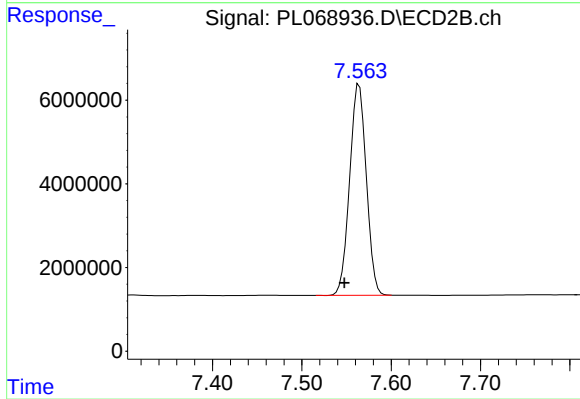
#23 Chlordane-1

R.T.: 6.968 min  
Delta R.T.: 0.012 min  
Response: 727724  
Conc: 17.26 ng/ml



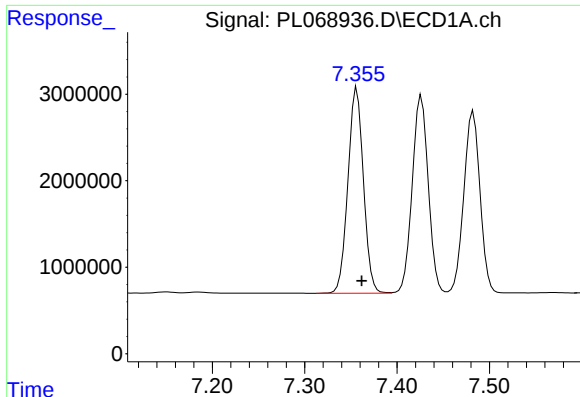
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 6.661 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

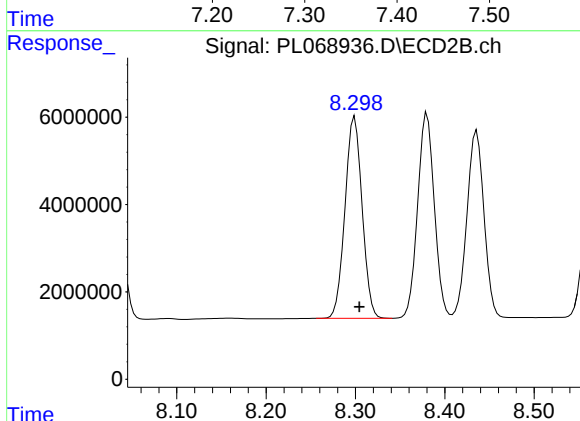
R.T.: 7.564 min  
Delta R.T.: 0.017 min  
Response: 65525902  
Conc: 1512.30 ng/ml



#25 Chlordane-3

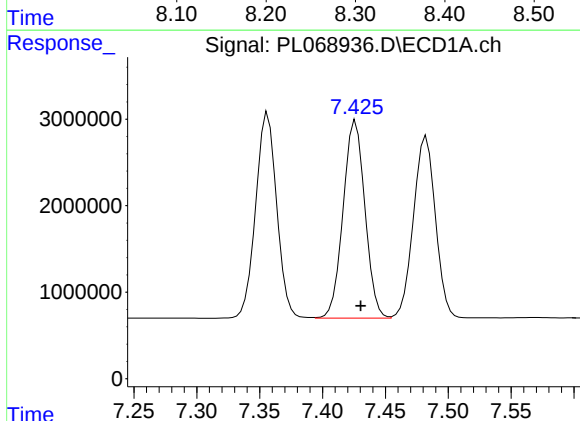
R.T.: 7.357 min  
Delta R.T.: -0.005 min  
Response: 27720557  
Conc: 528.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



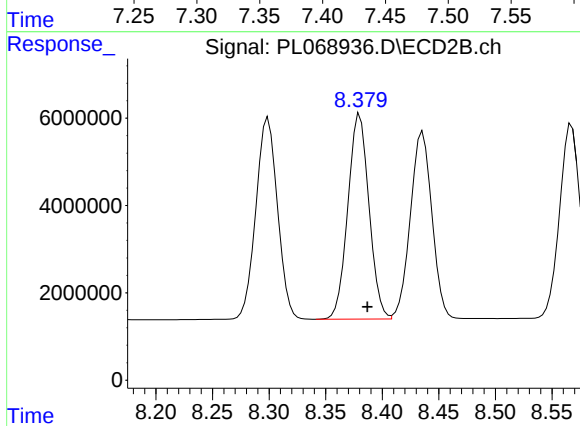
#25 Chlordane-3

R.T.: 8.299 min  
Delta R.T.: -0.005 min  
Response: 61480316  
Conc: 376.36 ng/ml



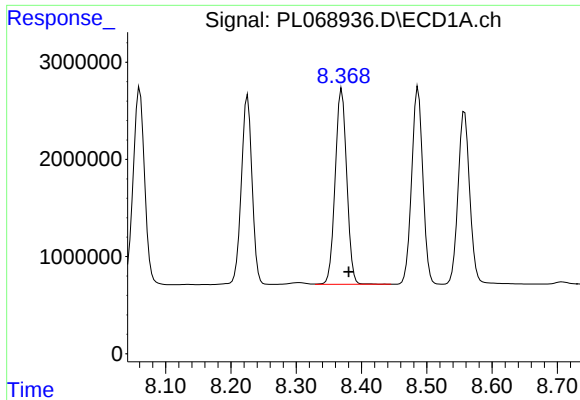
#26 Chlordane-4

R.T.: 7.426 min  
Delta R.T.: -0.004 min  
Response: 27586615  
Conc: 495.64 ng/ml



#26 Chlordane-4

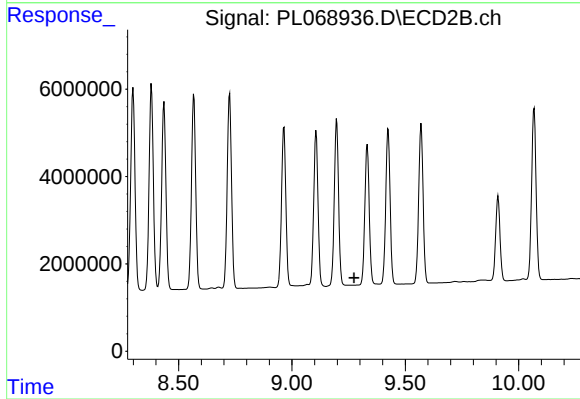
R.T.: 8.380 min  
Delta R.T.: -0.007 min  
Response: 61103316  
Conc: 308.10 ng/ml



#27 Chlordane-5

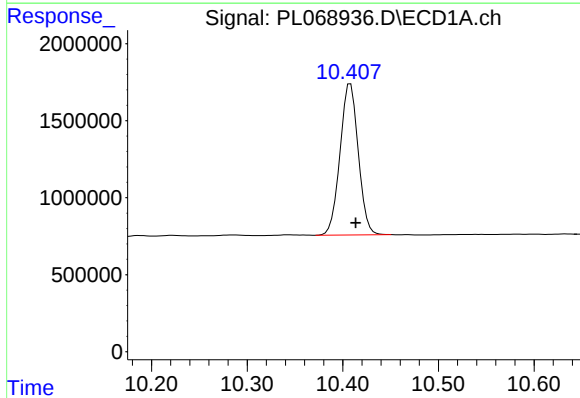
R.T.: 8.370 min  
Delta R.T.: -0.011 min  
Response: 24684527  
Conc: 1197.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



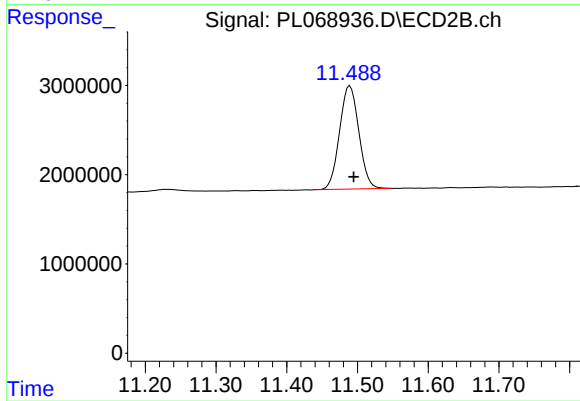
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.274 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.408 min  
Delta R.T.: -0.006 min  
Response: 13045210  
Conc: 22.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.489 min  
Delta R.T.: -0.005 min  
Response: 21970248  
Conc: 22.64 ng/ml