

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072221\  
 Data File : PL068411.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2021 23:51  
 Operator : AR\AJ  
 Sample : M3114-07MSD  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 02:22:22 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 11:44:21 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... | 4.642  | 5.570  | 8643458  | 21948122 | 20.139  | 21.509     |
| 28)                         | SA Decachlor... | 10.418 | 11.490 | 9976396  | 15641676 | 17.738  | 17.536     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 5.349  | 6.150  | 31982043 | 72741033 | 54.634  | 53.501     |
| 3)                          | MA gamma-BHC... | 5.773  | 6.546  | 32770450 | 70950299 | 57.649  | 54.991     |
| 4)                          | MA Heptachlor   | 6.184  | 7.195  | 34438060 | 70073249 | 56.500  | 53.765     |
| 5)                          | MB Aldrin       | 6.510  | 7.566  | 32015276 | 62309558 | 56.971  | 52.517     |
| 6)                          | B beta-BHC      | 6.151  | 6.797  | 17243075 | 36138773 | 58.926  | 51.154     |
| 7)                          | B delta-BHC     | 6.413  | 7.065  | 18021261 | 38015716 | 32.254  | 31.028     |
| 8)                          | B Heptachlo...  | 7.087  | 8.032  | 33127369 | 62582354 | 59.630  | 55.352     |
| 9)                          | A Endosulfan I  | 7.490  | 8.437  | 12265305 | 21243691 | 23.218  | 20.633     |
| 10)                         | B gamma-Chl...  | 7.364  | 8.301  | 33674330 | 68768332 | 58.690  | 61.062     |
| 11)                         | B alpha-Chl...  | 7.434  | 8.382  | 33630988 | 61888405 | 58.555  | 55.026     |
| 12)                         | B 4,4'-DDE      | 7.649  | 8.569  | 29596147 | 56092030 | 58.732  | 54.428     |
| 13)                         | MA Dieldrin     | 7.777  | 8.727  | 33531543 | 60750882 | 62.293  | 57.277     |
| 14)                         | MA Endrin       | 8.067  | 8.966  | 31331497 | 51257060 | 62.651  | 57.324     |
| 15)                         | B Endosulfa...  | 8.377  | 9.198  | 6593576  | 11868284 | 13.355  | 13.094     |
| 16)                         | A 4,4'-DDD      | 8.233  | 9.107  | 22190688 | 45842555 | 49.679  | 53.839     |
| 17)                         | MA 4,4'-DDT     | 8.495  | 9.425  | 28619621 | 47156744 | 57.057  | 49.963     |
| 18)                         | B Endrin al...  | 8.566  | 9.333  | 26246367 | 44248051 | 66.256  | 61.394     |
| 19)                         | B Endosulfa...  | 8.796  | 9.570  | 29399382 | 47368636 | 55.949  | 52.604     |
| 20)                         | A Methoxychlor  | 9.090  | 9.910  | 18790177 | 28064123 | 60.069  | 55.240     |
| 21)                         | B Endrin ke...  | 9.317  | 10.070 | 35882518 | 57210592 | 60.600  | 57.364     |
| 22)                         | Mirex           | 9.506  | 10.537 | 26906325 | 38962792 | 54.486  | 50.363     |
| 24)                         | Chlordane-2     | 0.000  | 7.566f | 0        | 62309558 | N.D.    | 1497.646 # |
| 25)                         | Chlordane-3     | 7.364  | 8.301  | 33674330 | 68768332 | 625.291 | 444.040 #  |
| 26)                         | Chlordane-4     | 7.434  | 8.382  | 33630988 | 61888405 | 595.663 | 330.105 #  |
| 27)                         | Chlordane-5     | 8.377  | 0.000  | 6593576  | 0        | 327.611 | N.D. #     |
| -----                       |                 |        |        |          |          |         |            |

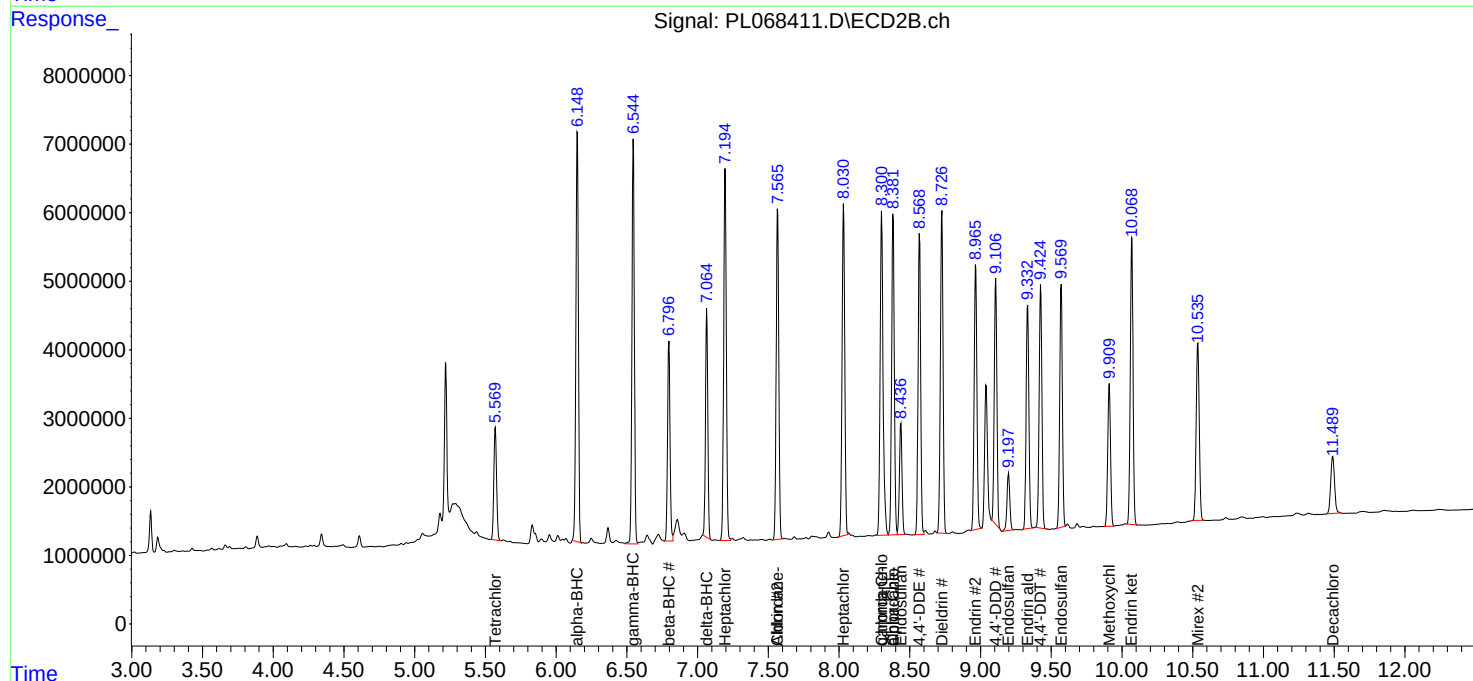
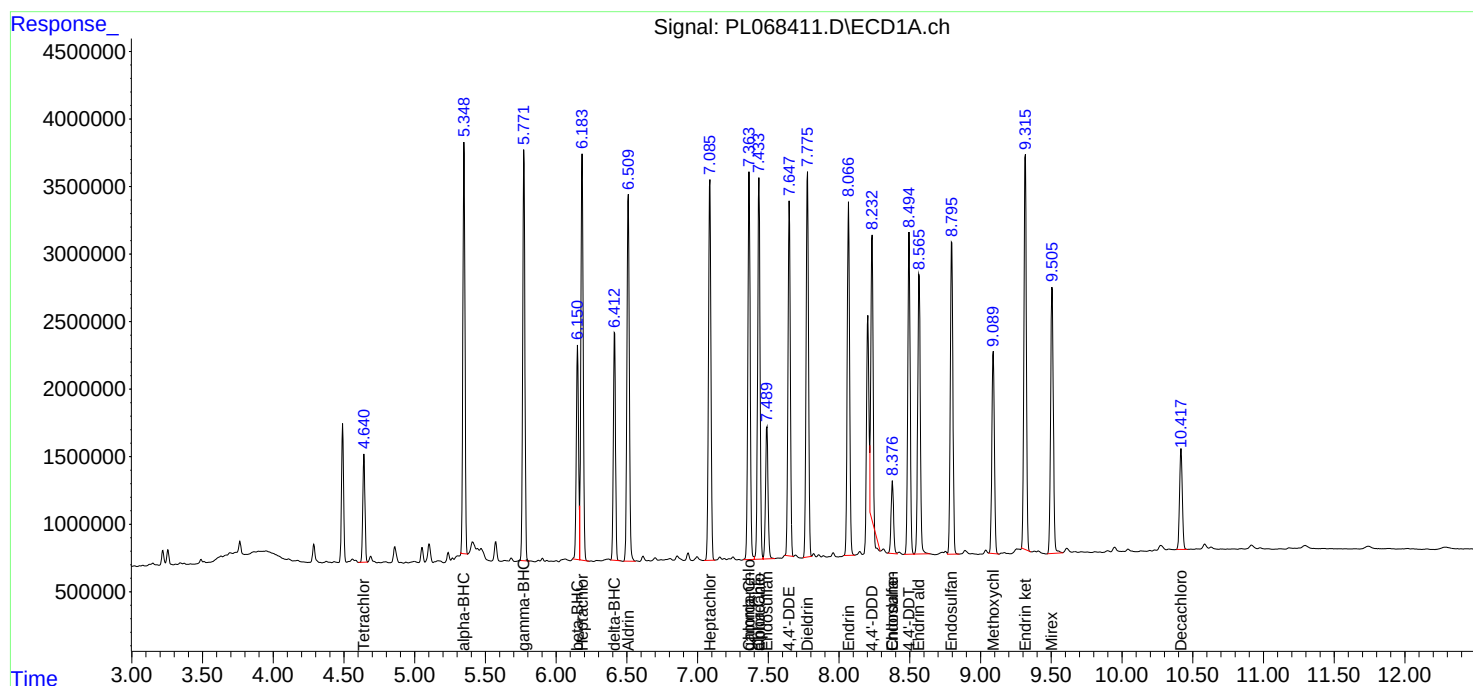
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

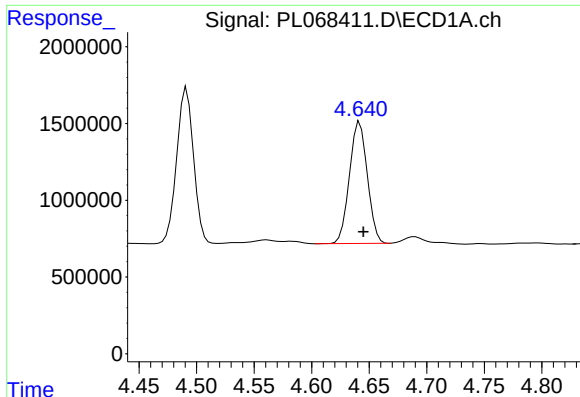
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072221\  
 Data File : PL068411.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2021 23:51  
 Operator : AR\AJ  
 Sample : M3114-07MSD  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 02:22:22 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 11:44:21 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

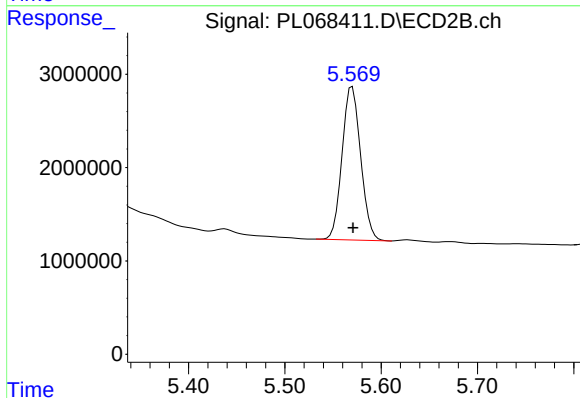




#1 Tetrachloro-m-xylene

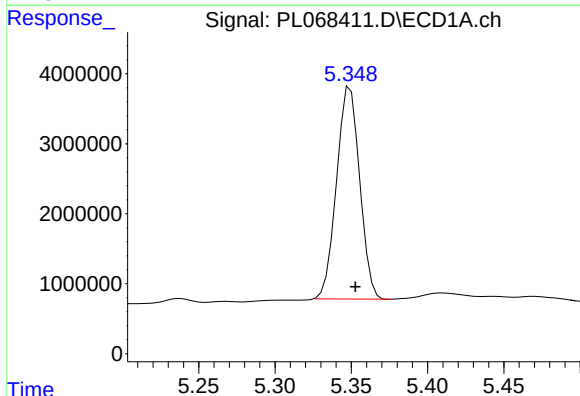
R.T.: 4.642 min  
Delta R.T.: -0.003 min  
Response: 8643458  
Conc: 20.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



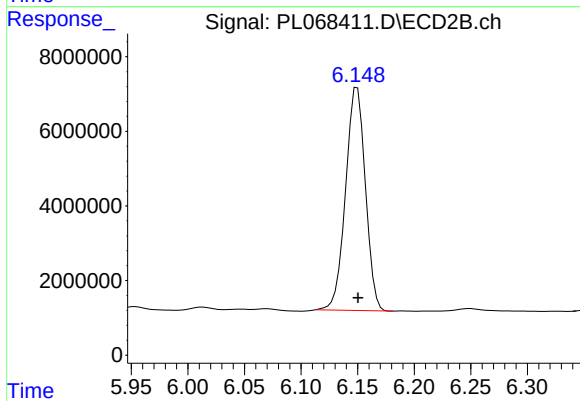
#1 Tetrachloro-m-xylene

R.T.: 5.570 min  
Delta R.T.: 0.000 min  
Response: 21948122  
Conc: 21.51 ng/ml



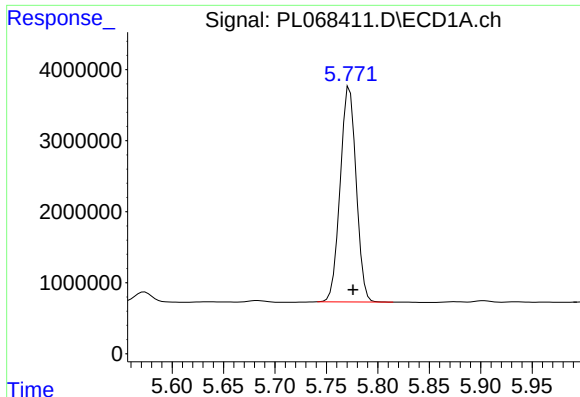
#2 alpha-BHC

R.T.: 5.349 min  
Delta R.T.: -0.003 min  
Response: 31982043  
Conc: 54.63 ng/ml



#2 alpha-BHC

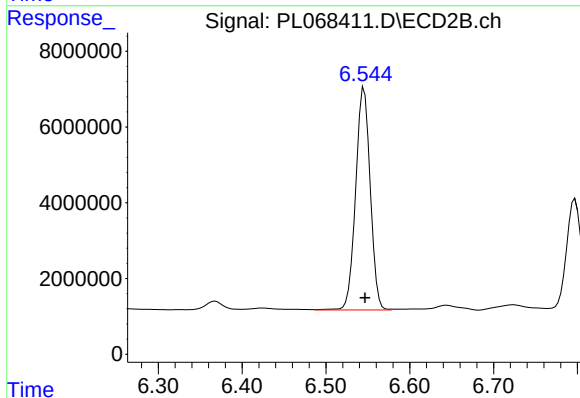
R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 72741033  
Conc: 53.50 ng/ml



#3 gamma-BHC (Lindane)

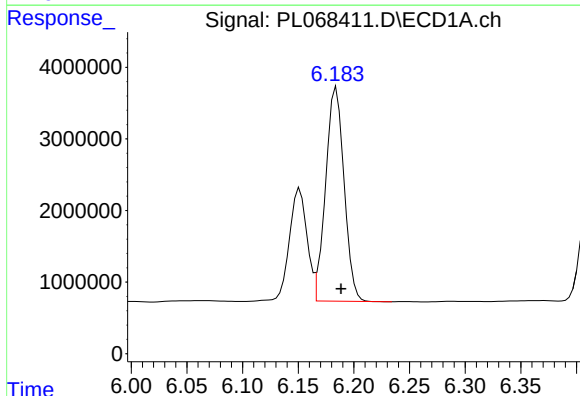
R.T.: 5.773 min  
Delta R.T.: -0.003 min  
Response: 32770450  
Conc: 57.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



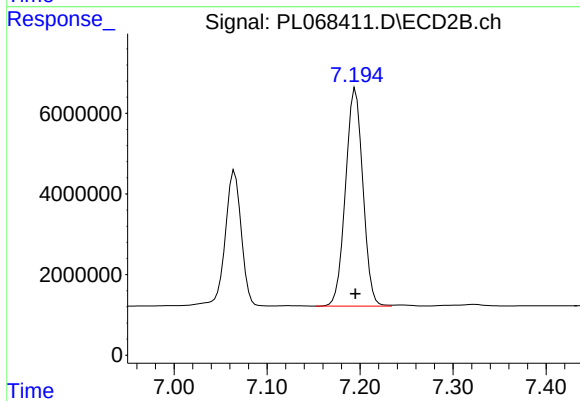
#3 gamma-BHC (Lindane)

R.T.: 6.546 min  
Delta R.T.: 0.000 min  
Response: 70950299  
Conc: 54.99 ng/ml



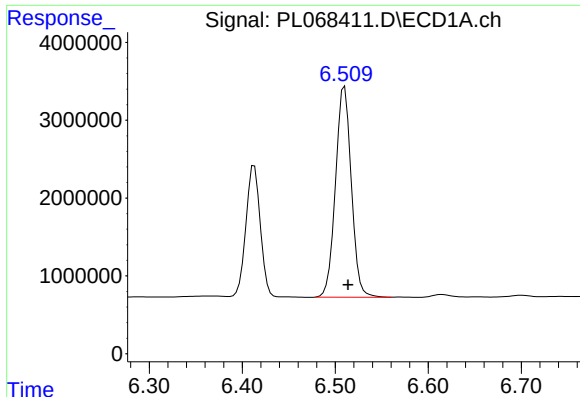
#4 Heptachlor

R.T.: 6.184 min  
Delta R.T.: -0.004 min  
Response: 34438060  
Conc: 56.50 ng/ml



#4 Heptachlor

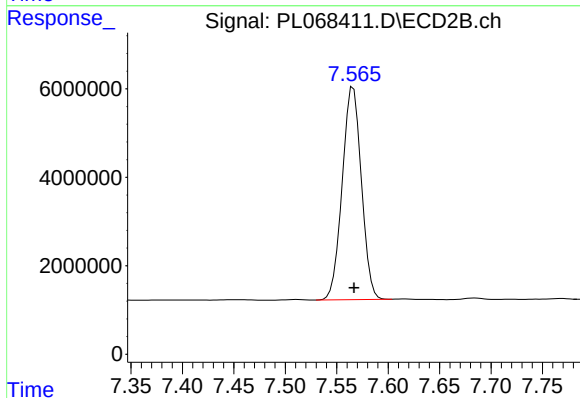
R.T.: 7.195 min  
Delta R.T.: 0.000 min  
Response: 70073249  
Conc: 53.77 ng/ml



#5 Aldrin

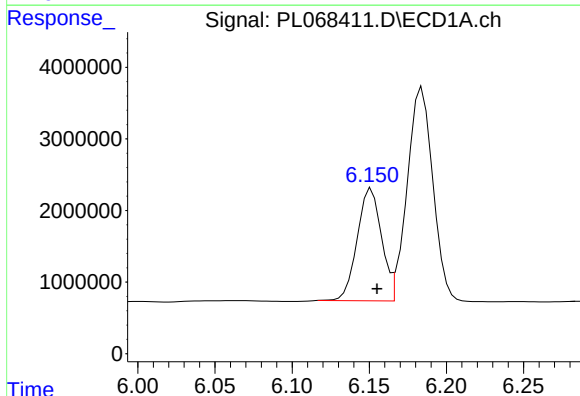
R.T.: 6.510 min  
Delta R.T.: -0.004 min  
Response: 32015276  
Conc: 56.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



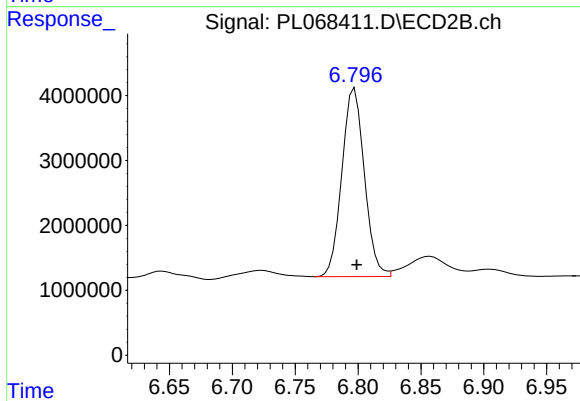
#5 Aldrin

R.T.: 7.566 min  
Delta R.T.: 0.000 min  
Response: 62309558  
Conc: 52.52 ng/ml



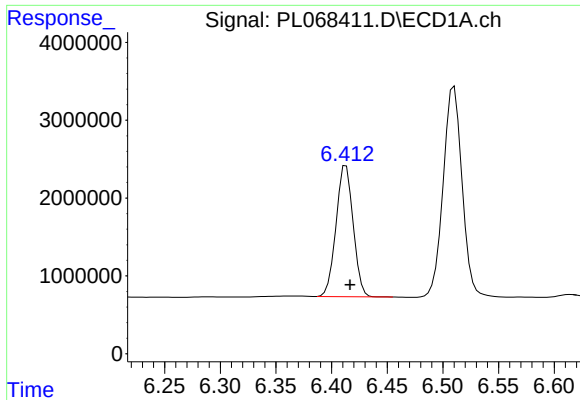
#6 beta-BHC

R.T.: 6.151 min  
Delta R.T.: -0.004 min  
Response: 17243075  
Conc: 58.93 ng/ml



#6 beta-BHC

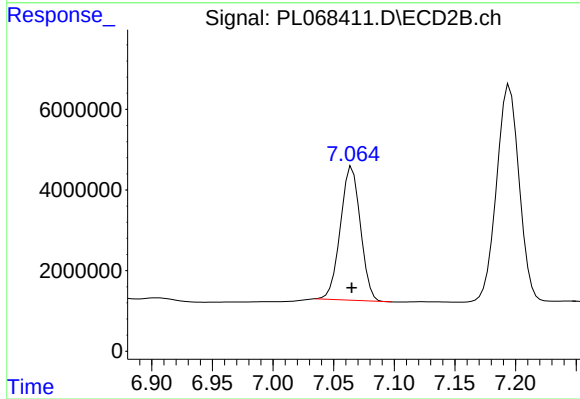
R.T.: 6.797 min  
Delta R.T.: -0.002 min  
Response: 36138773  
Conc: 51.15 ng/ml



#7 delta-BHC

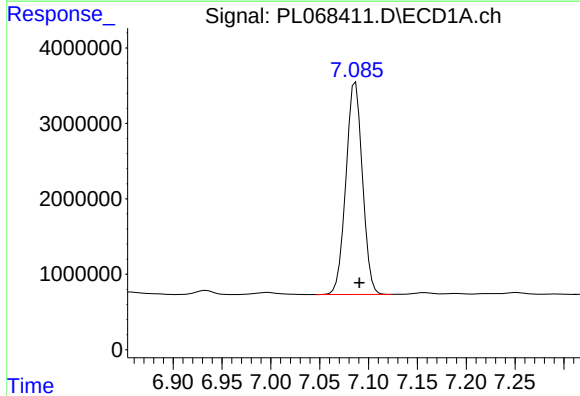
R.T.: 6.413 min  
Delta R.T.: -0.004 min  
Response: 18021261  
Conc: 32.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



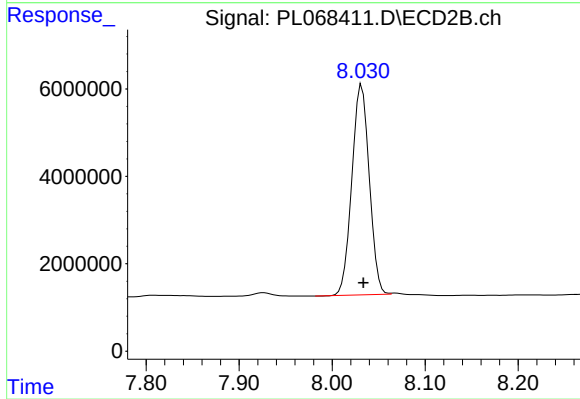
#7 delta-BHC

R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 38015716  
Conc: 31.03 ng/ml



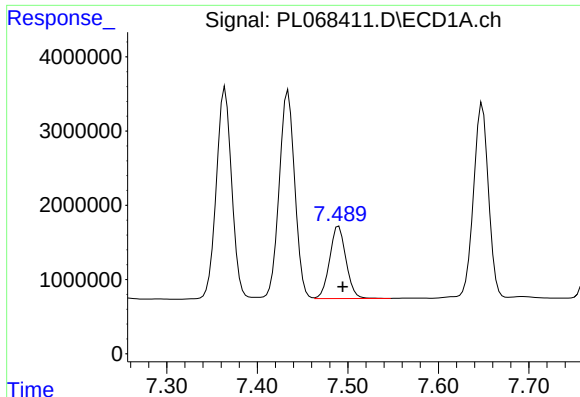
#8 Heptachlor epoxide

R.T.: 7.087 min  
Delta R.T.: -0.004 min  
Response: 33127369  
Conc: 59.63 ng/ml



#8 Heptachlor epoxide

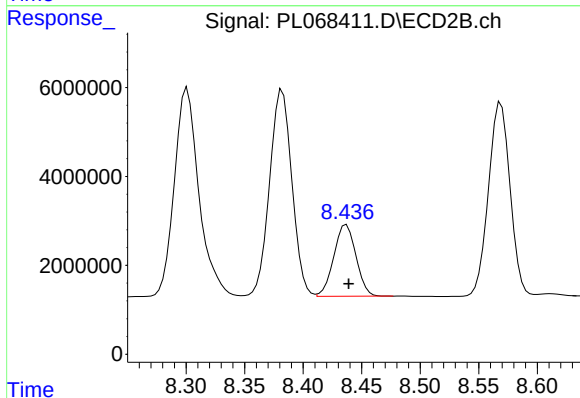
R.T.: 8.032 min  
Delta R.T.: -0.002 min  
Response: 62582354  
Conc: 55.35 ng/ml



#9 Endosulfan I

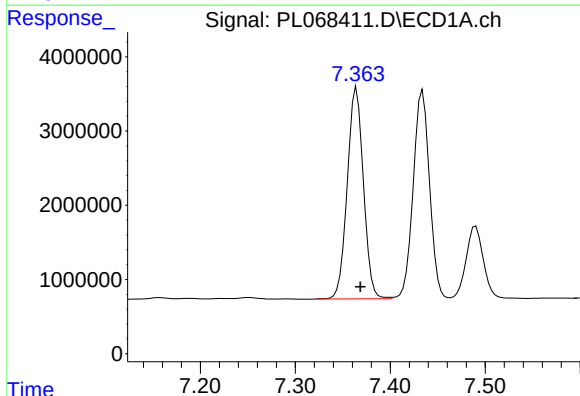
R.T.: 7.490 min  
Delta R.T.: -0.004 min  
Response: 12265305  
Conc: 23.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



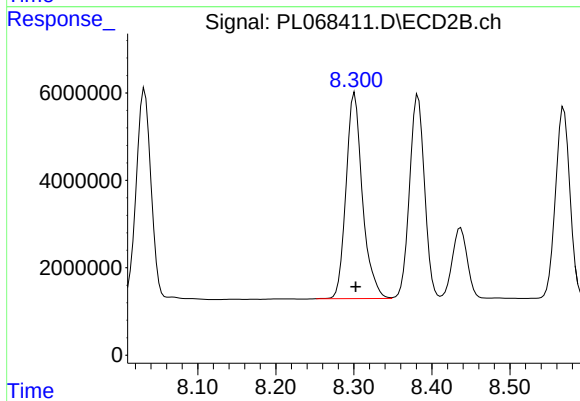
#9 Endosulfan I

R.T.: 8.437 min  
Delta R.T.: -0.002 min  
Response: 21243691  
Conc: 20.63 ng/ml



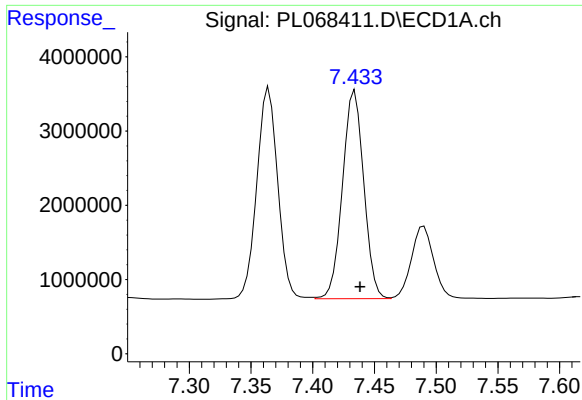
#10 gamma-Chlordane

R.T.: 7.364 min  
Delta R.T.: -0.004 min  
Response: 33674330  
Conc: 58.69 ng/ml



#10 gamma-Chlordane

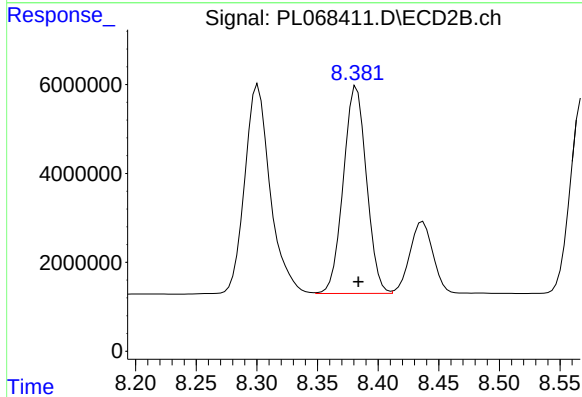
R.T.: 8.301 min  
Delta R.T.: -0.001 min  
Response: 68768332  
Conc: 61.06 ng/ml



#11 alpha-Chlordane

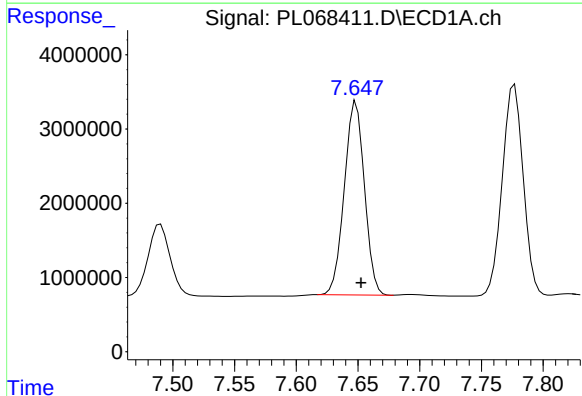
R.T.: 7.434 min  
Delta R.T.: -0.004 min  
Response: 33630988  
Conc: 58.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



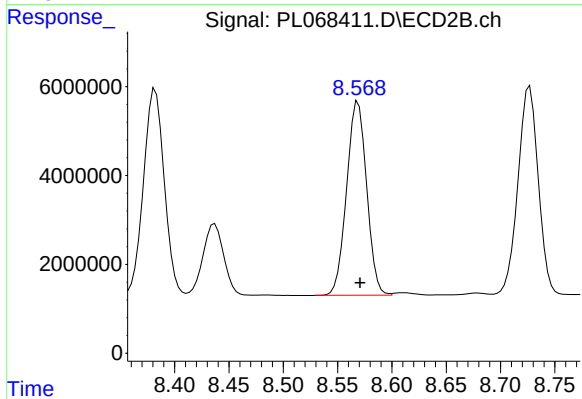
#11 alpha-Chlordane

R.T.: 8.382 min  
Delta R.T.: -0.001 min  
Response: 61888405  
Conc: 55.03 ng/ml



#12 4,4'-DDE

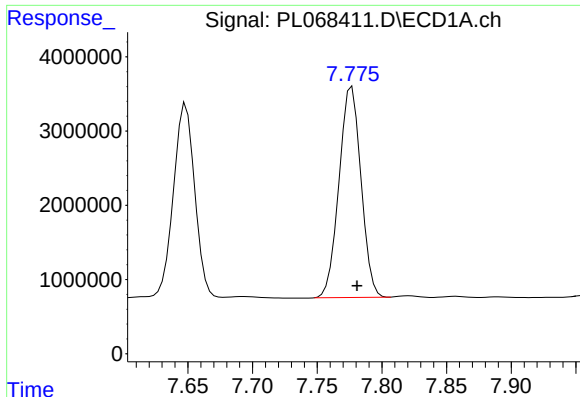
R.T.: 7.649 min  
Delta R.T.: -0.004 min  
Response: 29596147  
Conc: 58.73 ng/ml



#12 4,4'-DDE

R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 56092030  
Conc: 54.43 ng/ml

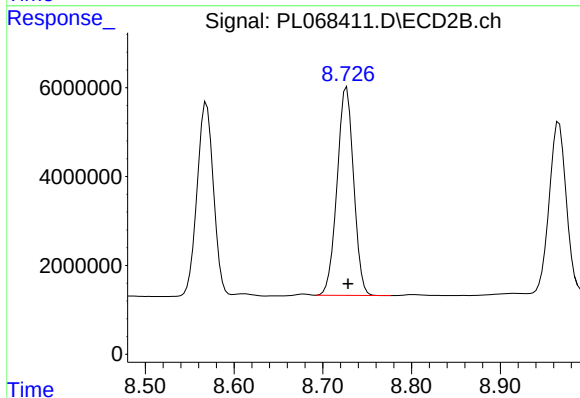




#13 Dieldrin

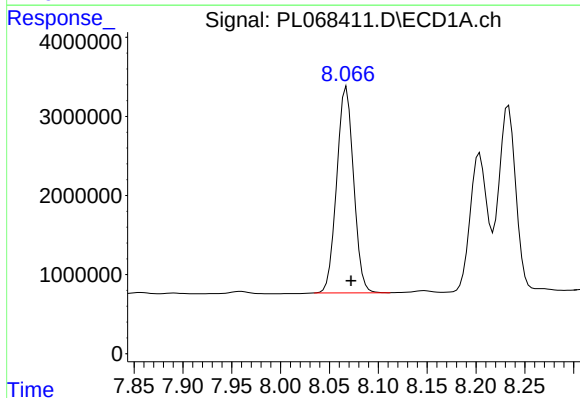
R.T.: 7.777 min  
Delta R.T.: -0.004 min  
Response: 33531543  
Conc: 62.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



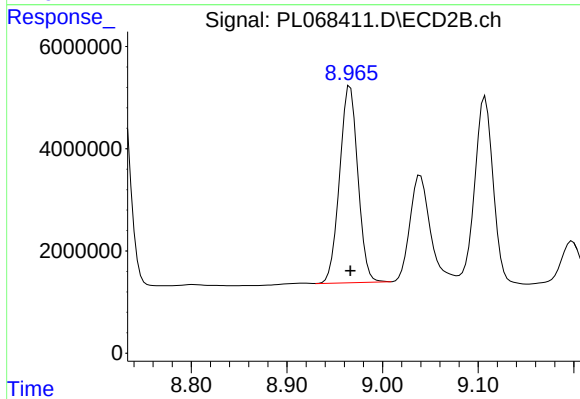
#13 Dieldrin

R.T.: 8.727 min  
Delta R.T.: -0.002 min  
Response: 60750882  
Conc: 57.28 ng/ml



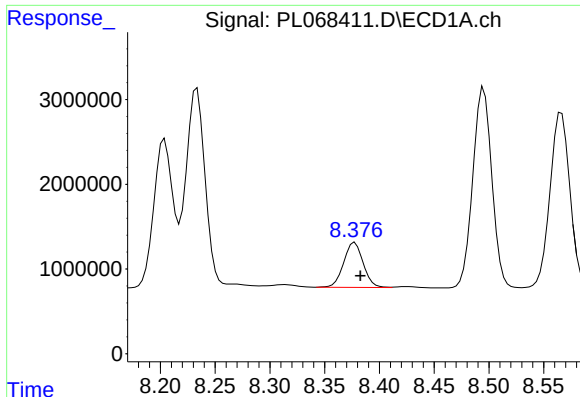
#14 Endrin

R.T.: 8.067 min  
Delta R.T.: -0.005 min  
Response: 31331497  
Conc: 62.65 ng/ml



#14 Endrin

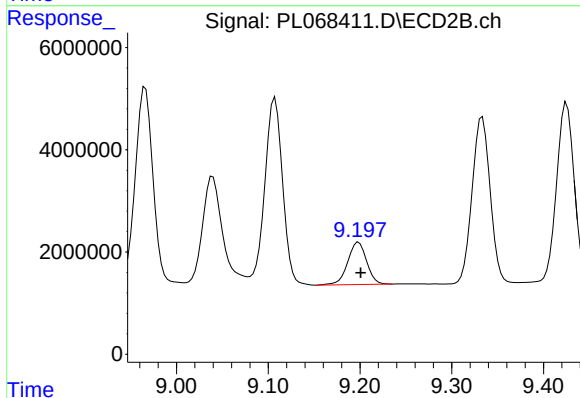
R.T.: 8.966 min  
Delta R.T.: 0.000 min  
Response: 51257060  
Conc: 57.32 ng/ml



#15 Endosulfan II

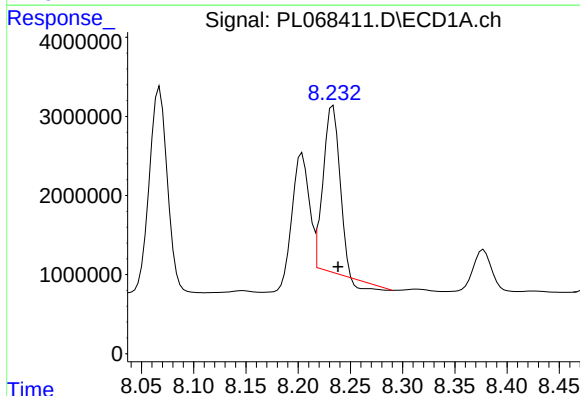
R.T.: 8.377 min  
Delta R.T.: -0.005 min  
Response: 6593576  
Conc: 13.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



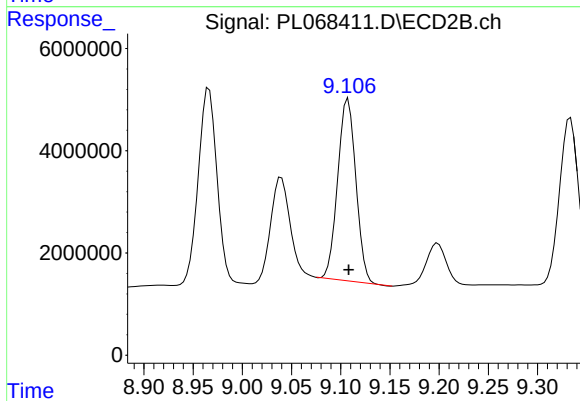
#15 Endosulfan II

R.T.: 9.198 min  
Delta R.T.: -0.002 min  
Response: 11868284  
Conc: 13.09 ng/ml



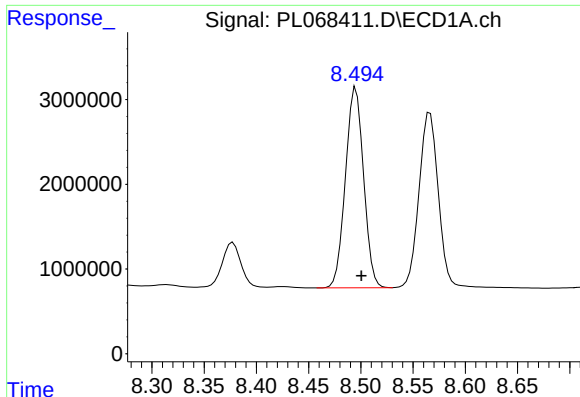
#16 4,4'-DDD

R.T.: 8.233 min  
Delta R.T.: -0.005 min  
Response: 22190688  
Conc: 49.68 ng/ml



#16 4,4'-DDD

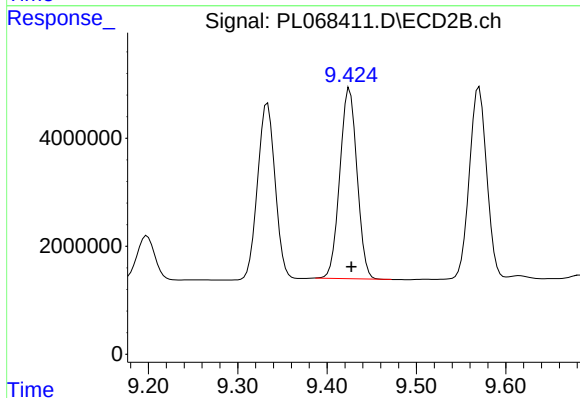
R.T.: 9.107 min  
Delta R.T.: 0.000 min  
Response: 45842555  
Conc: 53.84 ng/ml



#17 4,4'-DDT

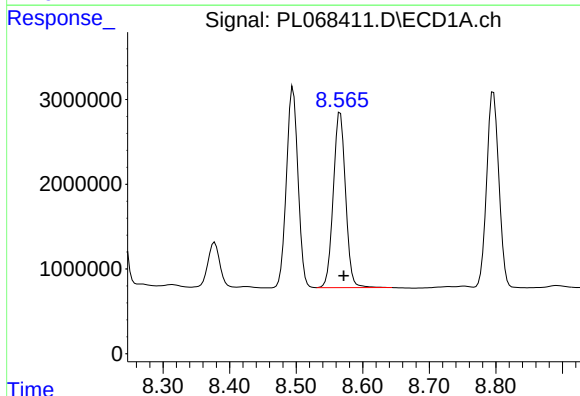
R.T.: 8.495 min  
Delta R.T.: -0.005 min  
Response: 28619621  
Conc: 57.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



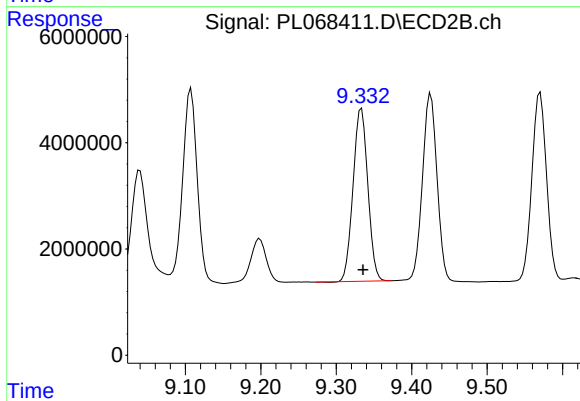
#17 4,4'-DDT

R.T.: 9.425 min  
Delta R.T.: -0.002 min  
Response: 47156744  
Conc: 49.96 ng/ml



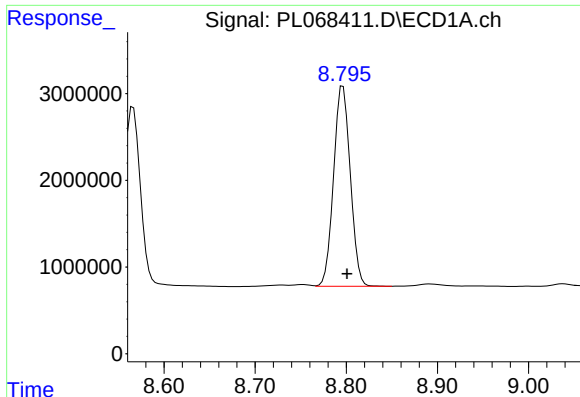
#18 Endrin aldehyde

R.T.: 8.566 min  
Delta R.T.: -0.005 min  
Response: 26246367  
Conc: 66.26 ng/ml



#18 Endrin aldehyde

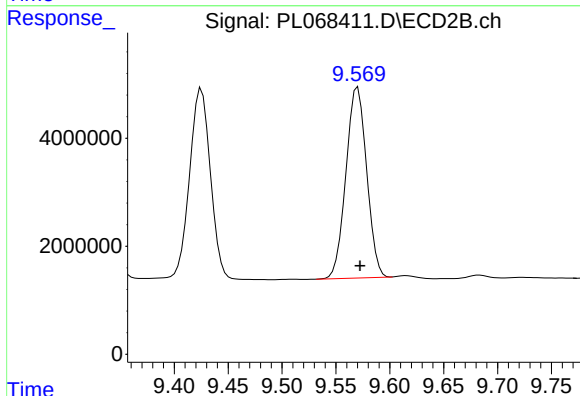
R.T.: 9.333 min  
Delta R.T.: -0.002 min  
Response: 44248051  
Conc: 61.39 ng/ml



#19 Endosulfan Sulfate

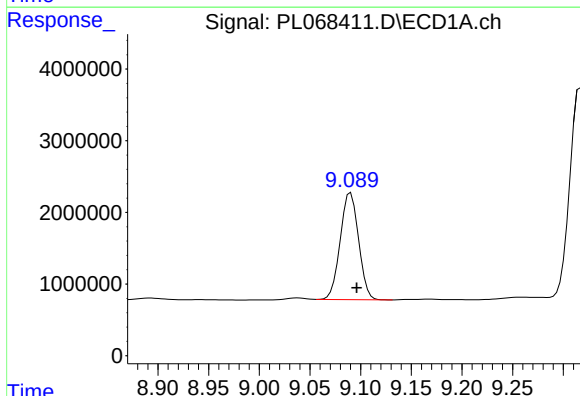
R.T.: 8.796 min  
Delta R.T.: -0.005 min  
Response: 29399382  
Conc: 55.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



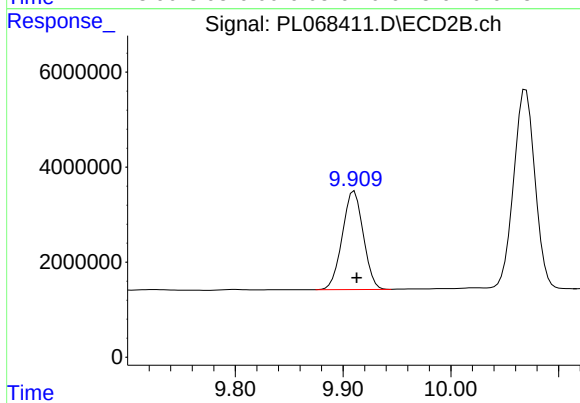
#19 Endosulfan Sulfate

R.T.: 9.570 min  
Delta R.T.: -0.002 min  
Response: 47368636  
Conc: 52.60 ng/ml



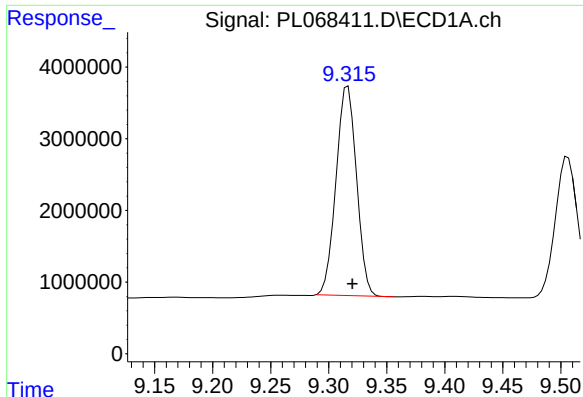
#20 Methoxychlor

R.T.: 9.090 min  
Delta R.T.: -0.006 min  
Response: 18790177  
Conc: 60.07 ng/ml



#20 Methoxychlor

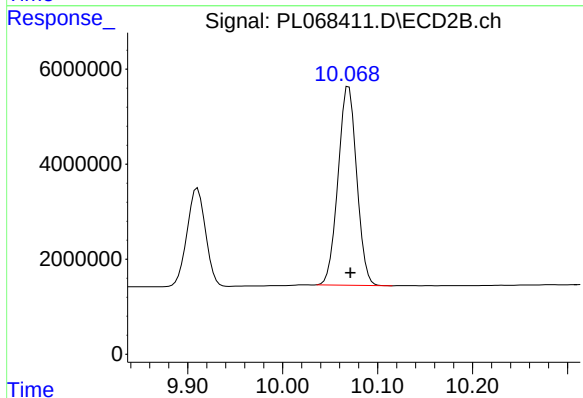
R.T.: 9.910 min  
Delta R.T.: -0.002 min  
Response: 28064123  
Conc: 55.24 ng/ml



#21 Endrin ketone

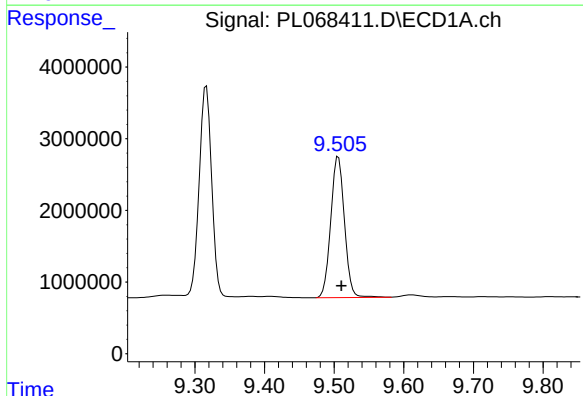
R.T.: 9.317 min  
Delta R.T.: -0.004 min  
Response: 35882518  
Conc: 60.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



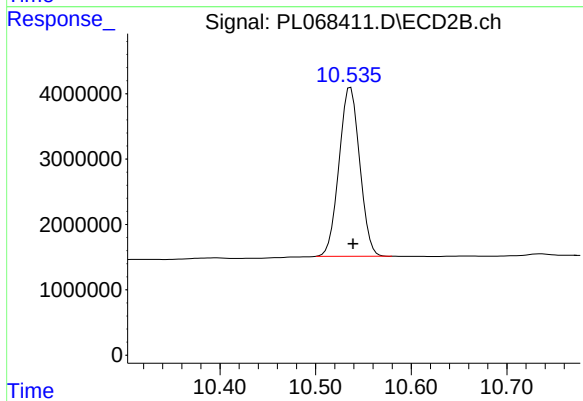
#21 Endrin ketone

R.T.: 10.070 min  
Delta R.T.: -0.002 min  
Response: 57210592  
Conc: 57.36 ng/ml



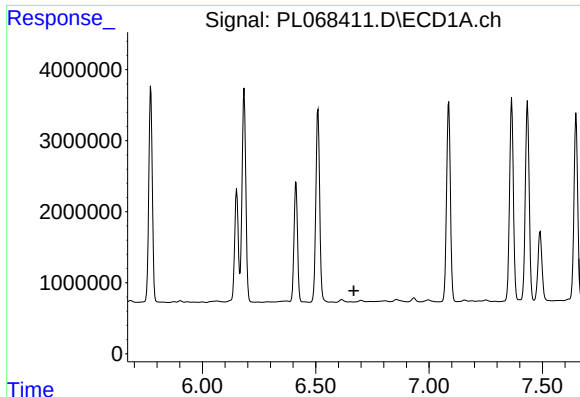
#22 Mirex

R.T.: 9.506 min  
Delta R.T.: -0.004 min  
Response: 26906325  
Conc: 54.49 ng/ml



#22 Mirex

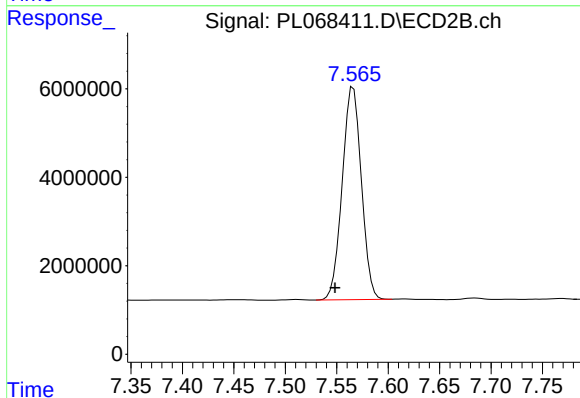
R.T.: 10.537 min  
Delta R.T.: -0.003 min  
Response: 38962792  
Conc: 50.36 ng/ml



#24 Chlordane-2

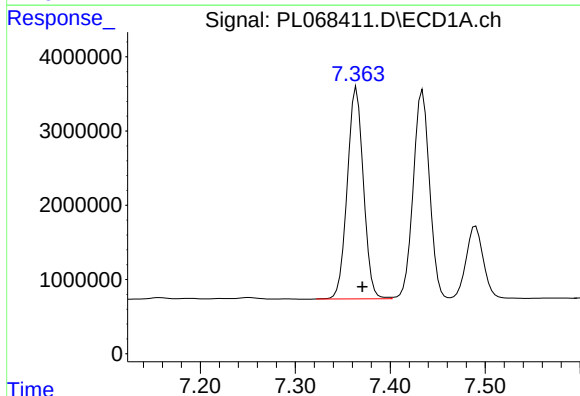
R.T.: 0.000 min  
Exp R.T.: 6.668 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



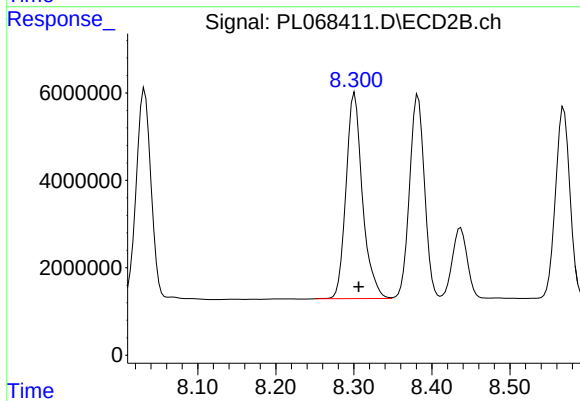
#24 Chlordane-2

R.T.: 7.566 min  
Delta R.T.: 0.018 min  
Response: 62309558  
Conc: 1497.65 ng/ml



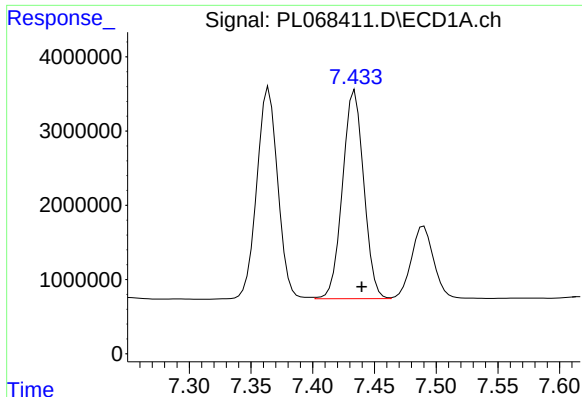
#25 Chlordane-3

R.T.: 7.364 min  
Delta R.T.: -0.006 min  
Response: 33674330  
Conc: 625.29 ng/ml



#25 Chlordane-3

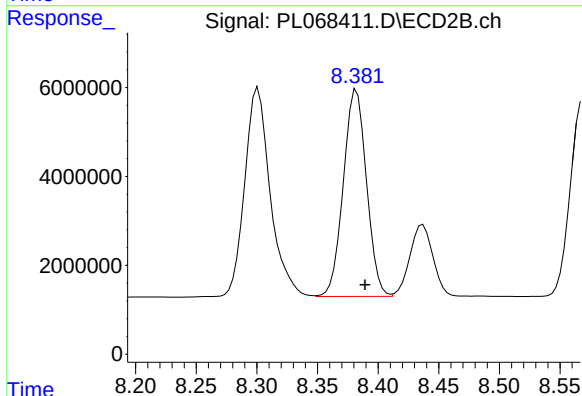
R.T.: 8.301 min  
Delta R.T.: -0.005 min  
Response: 68768332  
Conc: 444.04 ng/ml



#26 Chlordane-4

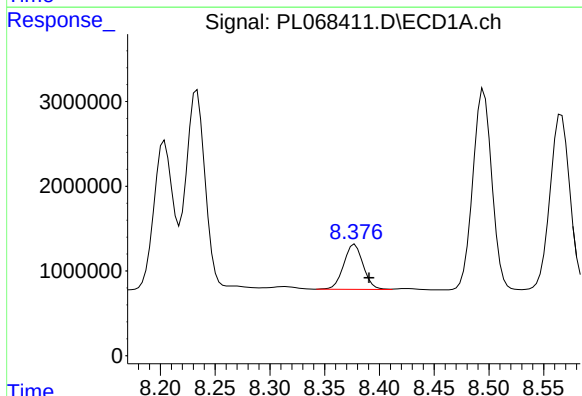
R.T.: 7.434 min  
Delta R.T.: -0.006 min  
Response: 33630988  
Conc: 595.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



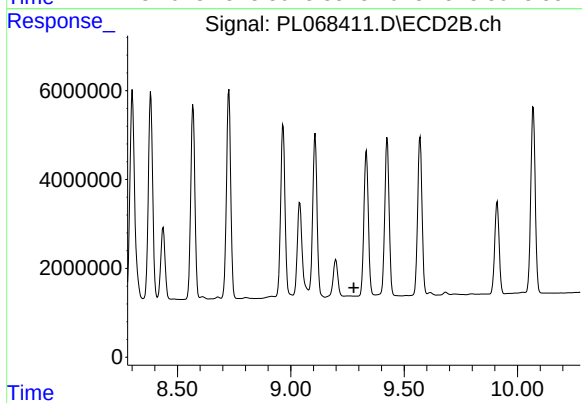
#26 Chlordane-4

R.T.: 8.382 min  
Delta R.T.: -0.007 min  
Response: 61888405  
Conc: 330.11 ng/ml



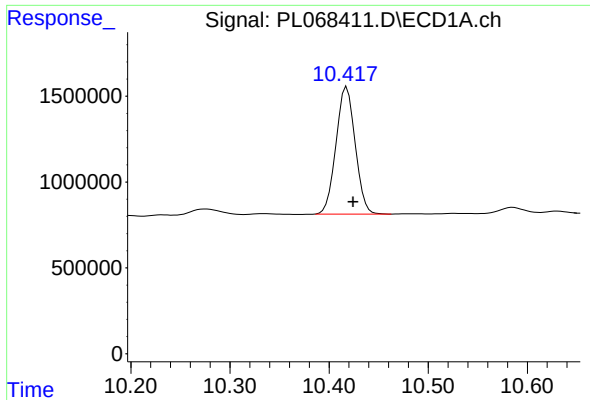
#27 Chlordane-5

R.T.: 8.377 min  
Delta R.T.: -0.013 min  
Response: 6593576  
Conc: 327.61 ng/ml



#27 Chlordane-5

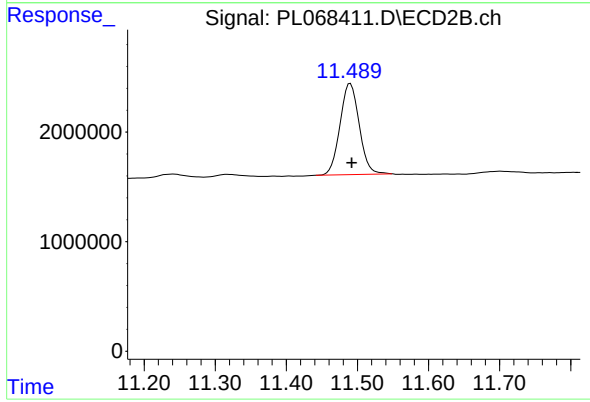
R.T.: 0.000 min  
Exp R.T.: 9.277 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.418 min  
Delta R.T.: -0.007 min  
Response: 9976396  
Conc: 17.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.490 min  
Delta R.T.: -0.002 min  
Response: 15641676  
Conc: 17.54 ng/ml