

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060322\  
 Data File : PL075498.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Jun 2022 03:08  
 Operator : AR\AJ  
 Sample : N2953-14MSD 10X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 04 05:17:00 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052822.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 01 10:19:11 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... | 5.643  | 4.642  | 1206257 | 3103266  | 2.052   | 1.959    |
| 28)                         | SA Decachlor... | 11.637 | 10.387 | 1533030 | 2465003  | 2.859   | 1.796 #  |
| Target Compounds            |                 |        |        |         |          |         |          |
| 2)                          | A alpha-BHC     | 6.228  | 5.344  | 4191907 | 11012629 | 5.079   | 5.088    |
| 3)                          | MA gamma-BHC... | 6.626  | 5.764  | 4267023 | 11346572 | 5.452   | 5.403    |
| 4)                          | MA Heptachlor   | 7.280  | 6.173  | 4627636 | 11564150 | 5.778   | 5.673    |
| 5)                          | MB Aldrin       | 7.654  | 6.497  | 4257231 | 10954621 | 5.838   | 5.676    |
| 6)                          | B beta-BHC      | 6.877  | 6.143  | 2056237 | 5323136  | 5.523   | 5.484    |
| 7)                          | B delta-BHC     | 7.147  | 6.403  | 3816243 | 10751543 | 4.970   | 5.012    |
| 8)                          | B Heptachlo...  | 8.122  | 7.070  | 4765396 | 10427384 | 6.980   | 5.706    |
| 9)                          | A Endosulfan I  | 8.531  | 7.472  | 3498391 | 9317887  | 5.570   | 5.514    |
| 10)                         | B gamma-Chl...  | 8.392  | 7.347  | 3927511 | 10836391 | 5.823   | 5.892    |
| 11)                         | B alpha-Chl...  | 8.474  | 7.416  | 3880894 | 10803689 | 5.728   | 5.912    |
| 12)                         | B 4,4'-DDE      | 8.660  | 7.628  | 3326209 | 8563274  | 5.718   | 5.258    |
| 13)                         | MA Dieldrin     | 8.820  | 7.758  | 3911715 | 9845476  | 6.173   | 5.674    |
| 14)                         | MA Endrin       | 9.061  | 8.048  | 3197568 | 9614487  | 6.021   | 6.176    |
| 15)                         | B Endosulfa...  | 9.297  | 8.358  | 3600687 | 7636852  | 6.379   | 4.851    |
| 16)                         | A 4,4'-DDD      | 9.202  | 8.211  | 4415587 | 6970171  | 8.928   | 5.214 #  |
| 17)                         | MA 4,4'-DDT     | 9.521  | 8.471  | 3269133 | 9439963  | 5.613   | 6.601    |
| 18)                         | B Endrin al...  | 9.431  | 8.546  | 2864943 | 1365703  | 6.519   | 1.133 #  |
| 19)                         | B Endosulfa...  | 9.668  | 8.776  | 3329552 | 9508093  | 5.986   | 6.352    |
| 20)                         | A Methoxychlor  | 10.007 | 9.064  | 1771213 | 1442882  | 5.783   | 1.777 #  |
| 21)                         | B Endrin ke...  | 10.171 | 9.294  | 3125970 | 7942857  | 5.092   | 4.967    |
| 22)                         | Mirex           | 10.644 | 9.481  | 3050782 | 7105482  | 6.294   | 5.588    |
| 24)                         | Chlordane-2     | 7.654f | 6.678f | 4257231 | 392777   | 149.489 | 5.749 #  |
| 25)                         | Chlordane-3     | 8.392  | 7.347  | 3927511 | 10836391 | 42.208  | 61.393 # |
| 26)                         | Chlordane-4     | 8.474  | 7.416  | 3880894 | 10803689 | 34.197  | 57.192 # |
| 27)                         | Chlordane-5     | 0.000  | 8.127  | 0       | 4786716  | N.D.    | 95.924 # |
| -----                       |                 |        |        |         |          |         |          |

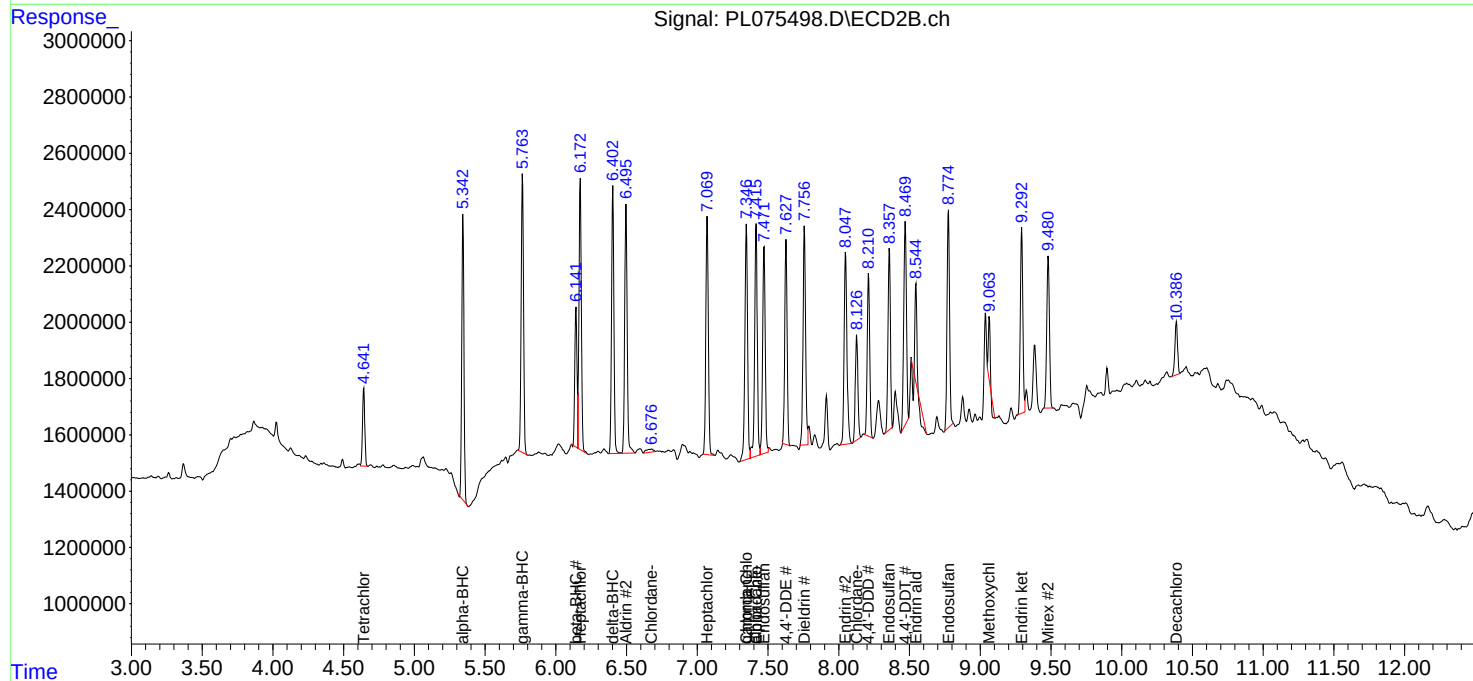
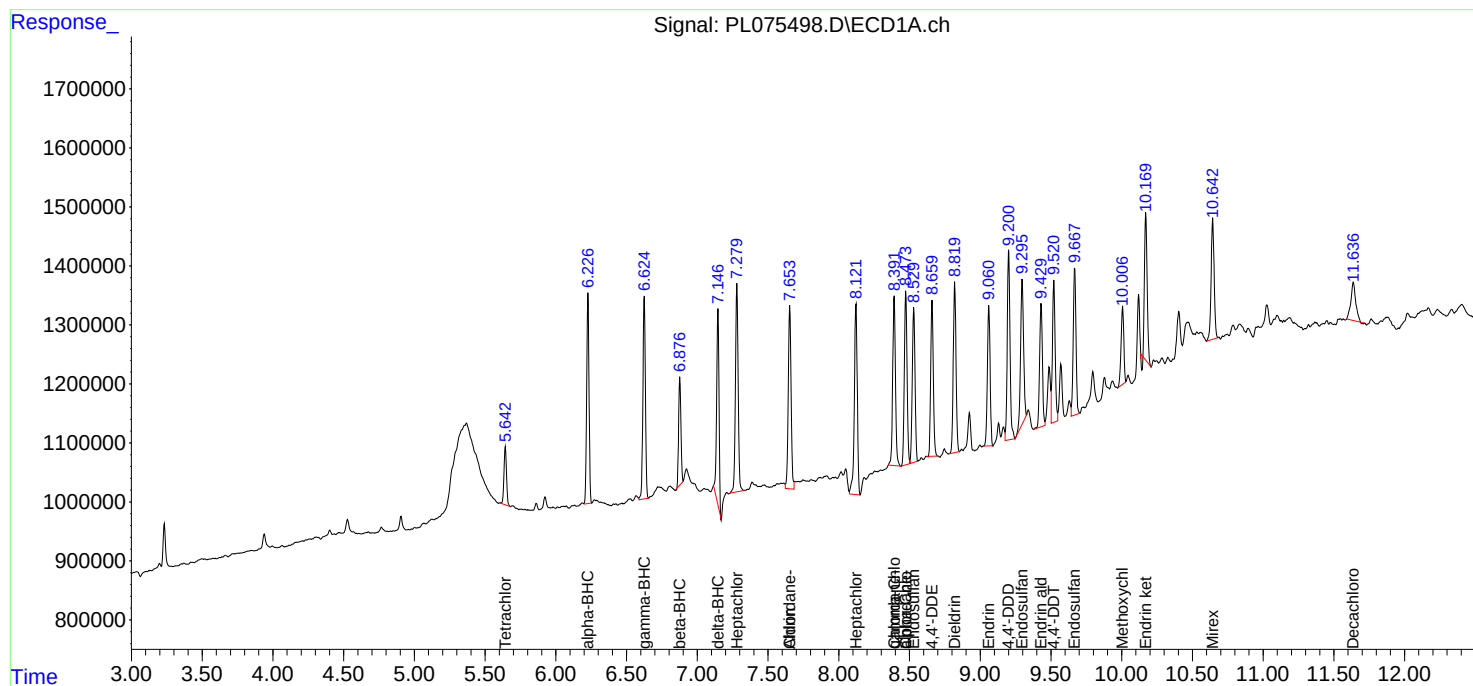
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

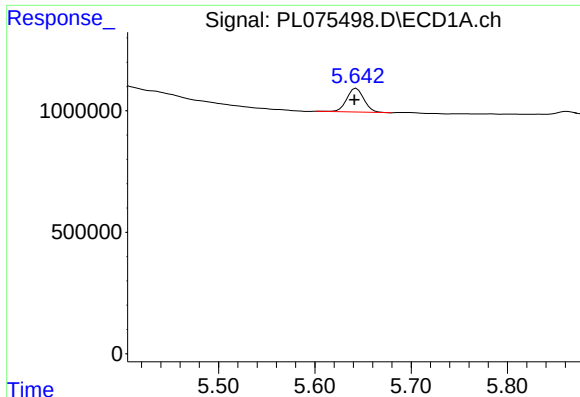
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060322\  
Data File : PL075498.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Jun 2022 03:08  
Operator : AR\AJ  
Sample : N2953-14MSD 10X  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 04 05:17:00 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052822.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 01 10:19:11 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

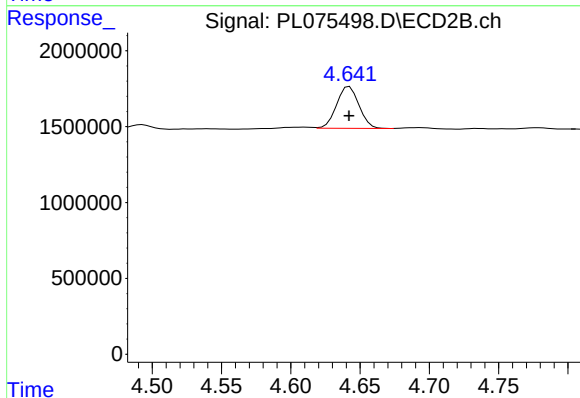




#1 Tetrachloro-m-xylene

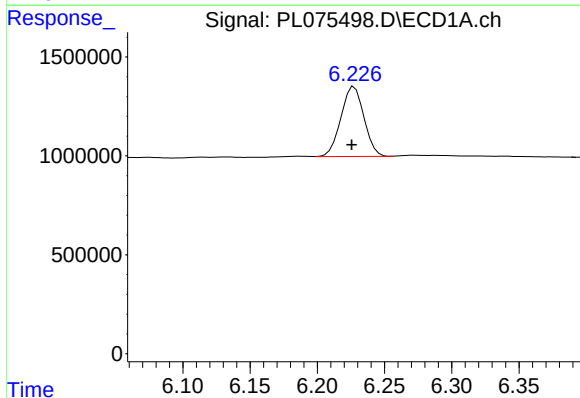
R.T.: 5.643 min  
Delta R.T.: 0.002 min  
Response: 1206257  
Conc: 2.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



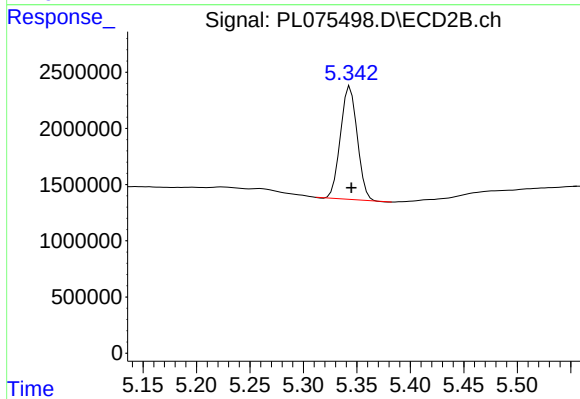
#1 Tetrachloro-m-xylene

R.T.: 4.642 min  
Delta R.T.: 0.000 min  
Response: 3103266  
Conc: 1.96 ng/ml



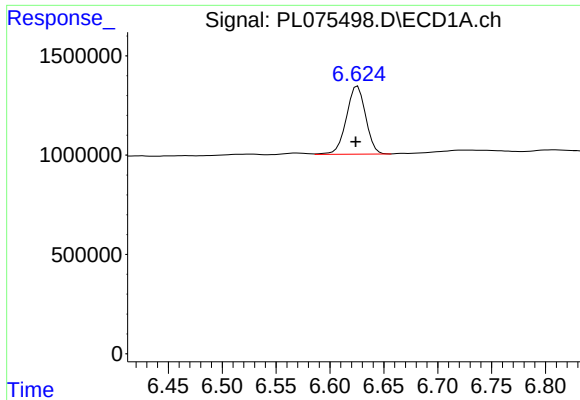
#2 alpha-BHC

R.T.: 6.228 min  
Delta R.T.: 0.002 min  
Response: 4191907  
Conc: 5.08 ng/ml



#2 alpha-BHC

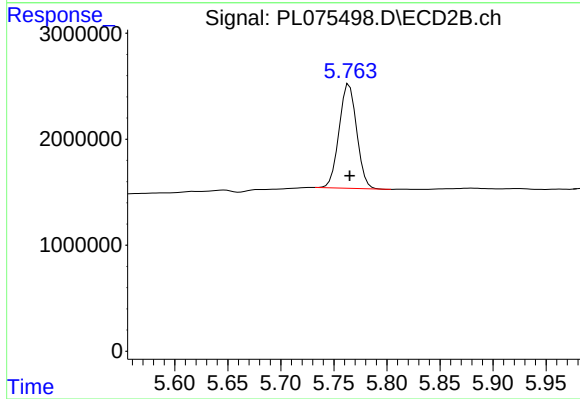
R.T.: 5.344 min  
Delta R.T.: -0.001 min  
Response: 11012629  
Conc: 5.09 ng/ml



#3 gamma-BHC (Lindane)

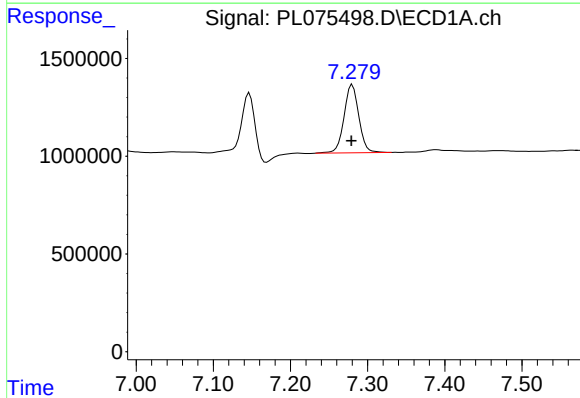
R.T.: 6.626 min  
Delta R.T.: 0.002 min  
Response: 4267023  
Conc: 5.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



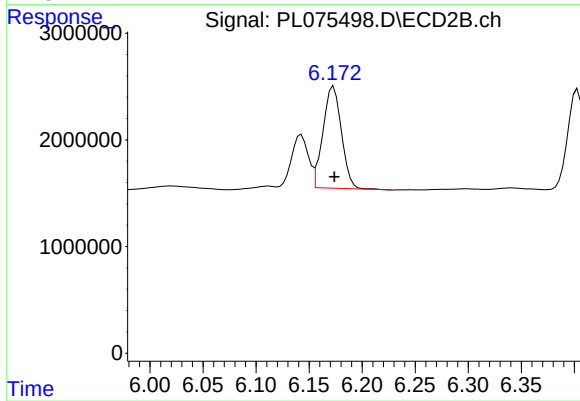
#3 gamma-BHC (Lindane)

R.T.: 5.764 min  
Delta R.T.: 0.000 min  
Response: 11346572  
Conc: 5.40 ng/ml



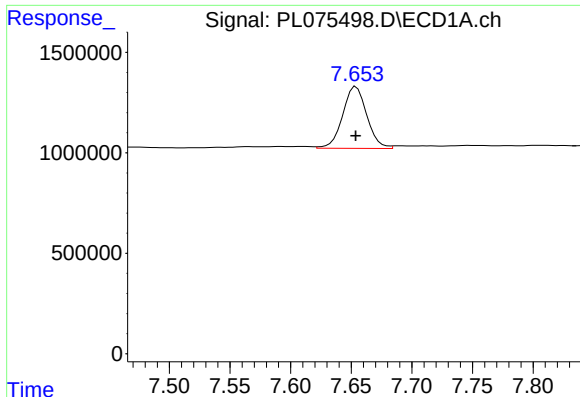
#4 Heptachlor

R.T.: 7.280 min  
Delta R.T.: 0.001 min  
Response: 4627636  
Conc: 5.78 ng/ml



#4 Heptachlor

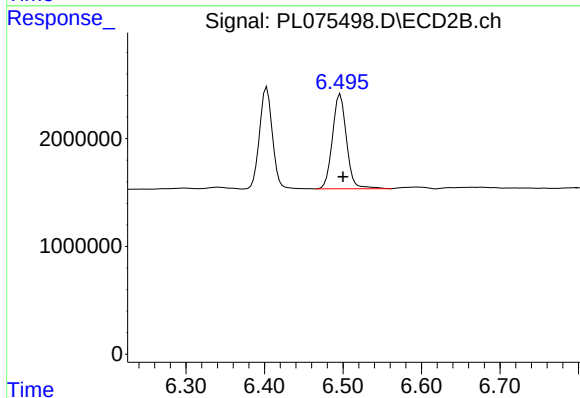
R.T.: 6.173 min  
Delta R.T.: 0.000 min  
Response: 11564150  
Conc: 5.67 ng/ml



#5 Aldrin

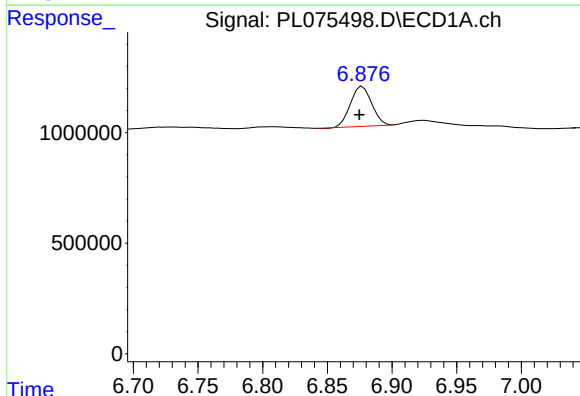
R.T.: 7.654 min  
Delta R.T.: 0.000 min  
Response: 4257231  
Conc: 5.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



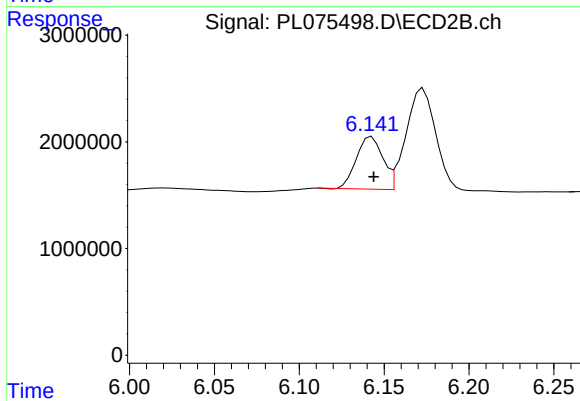
#5 Aldrin

R.T.: 6.497 min  
Delta R.T.: -0.003 min  
Response: 10954621  
Conc: 5.68 ng/ml



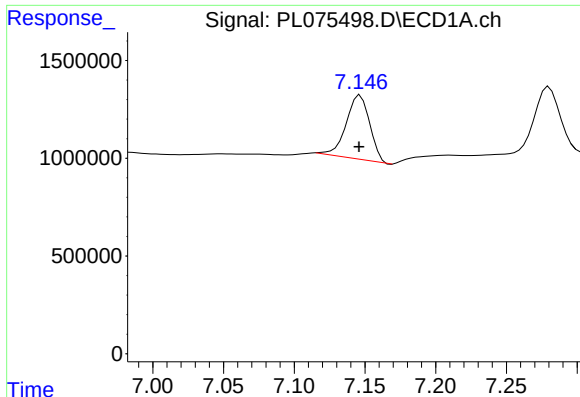
#6 beta-BHC

R.T.: 6.877 min  
Delta R.T.: 0.002 min  
Response: 2056237  
Conc: 5.52 ng/ml



#6 beta-BHC

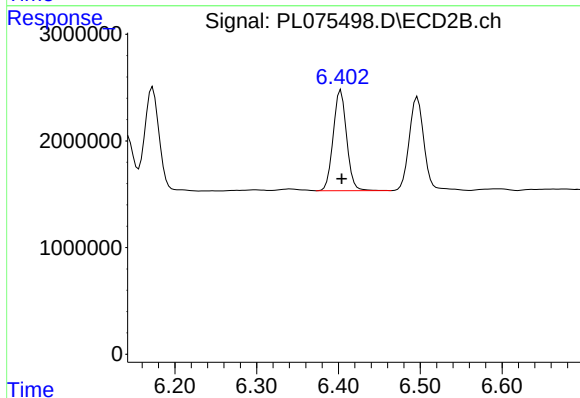
R.T.: 6.143 min  
Delta R.T.: -0.001 min  
Response: 5323136  
Conc: 5.48 ng/ml



#7 delta-BHC

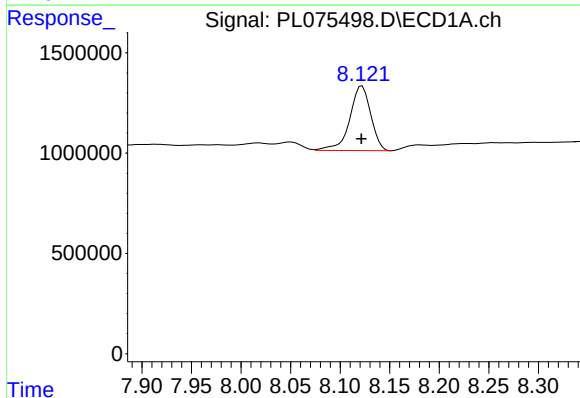
R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 3816243  
Conc: 4.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



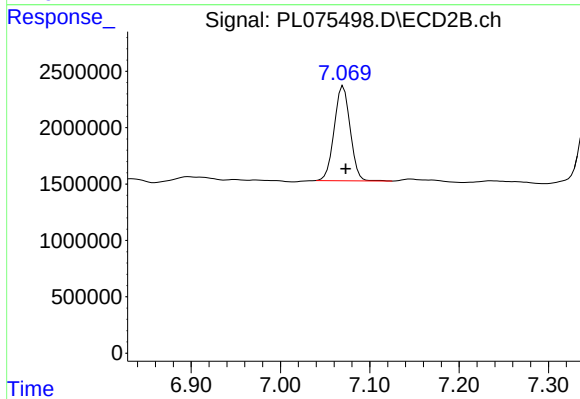
#7 delta-BHC

R.T.: 6.403 min  
Delta R.T.: -0.001 min  
Response: 10751543  
Conc: 5.01 ng/ml



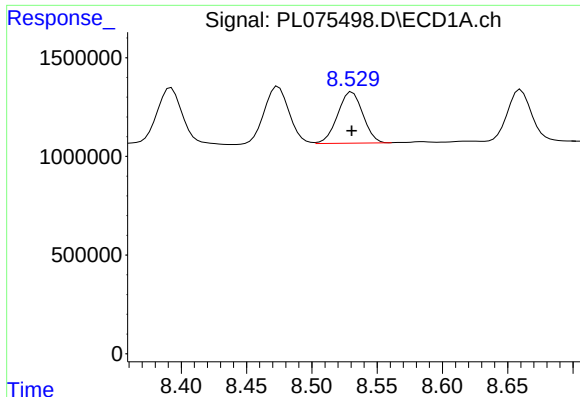
#8 Heptachlor epoxide

R.T.: 8.122 min  
Delta R.T.: 0.000 min  
Response: 4765396  
Conc: 6.98 ng/ml



#8 Heptachlor epoxide

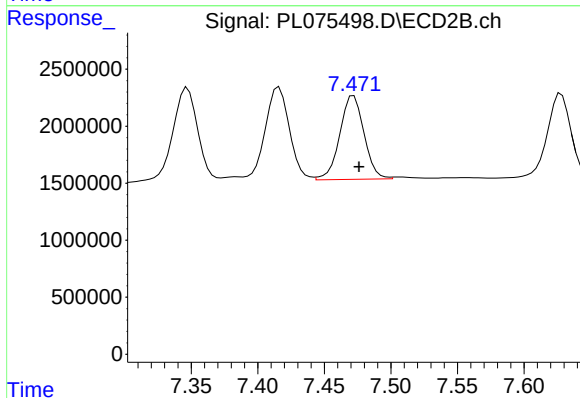
R.T.: 7.070 min  
Delta R.T.: -0.003 min  
Response: 10427384  
Conc: 5.71 ng/ml



#9 Endosulfan I

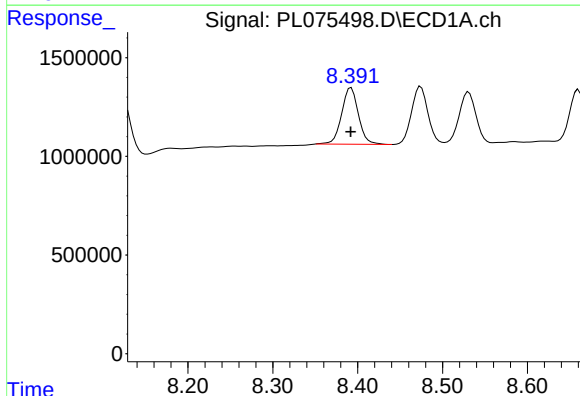
R.T.: 8.531 min  
Delta R.T.: 0.000 min  
Response: 3498391  
Conc: 5.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



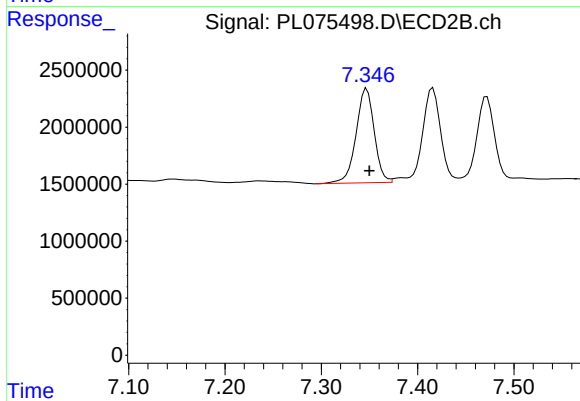
#9 Endosulfan I

R.T.: 7.472 min  
Delta R.T.: -0.004 min  
Response: 9317887  
Conc: 5.51 ng/ml



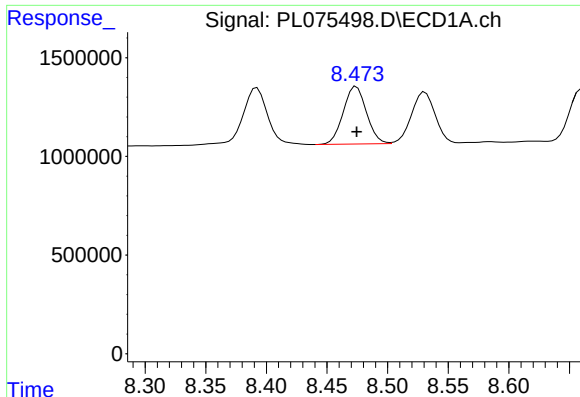
#10 gamma-Chlordane

R.T.: 8.392 min  
Delta R.T.: 0.000 min  
Response: 3927511  
Conc: 5.82 ng/ml



#10 gamma-Chlordane

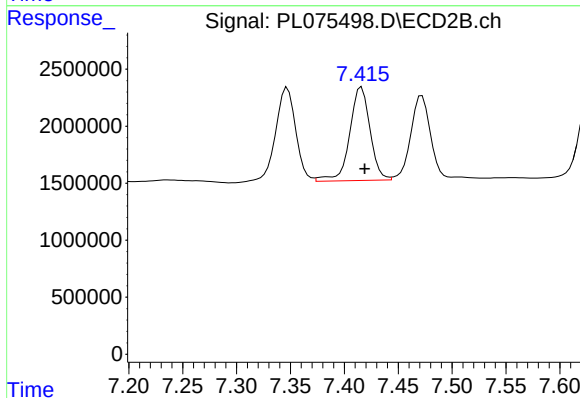
R.T.: 7.347 min  
Delta R.T.: -0.003 min  
Response: 10836391  
Conc: 5.89 ng/ml



#11 alpha-Chlordane

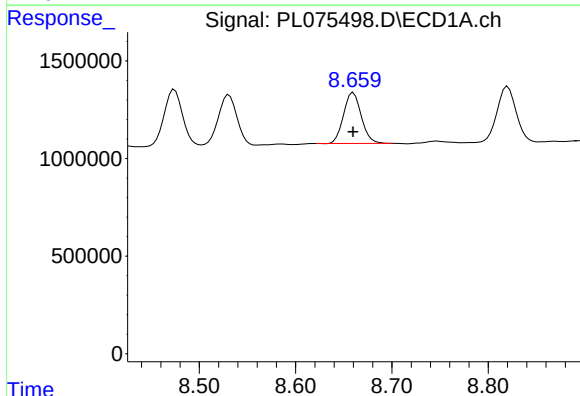
R.T.: 8.474 min  
Delta R.T.: 0.000 min  
Response: 3880894  
Conc: 5.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



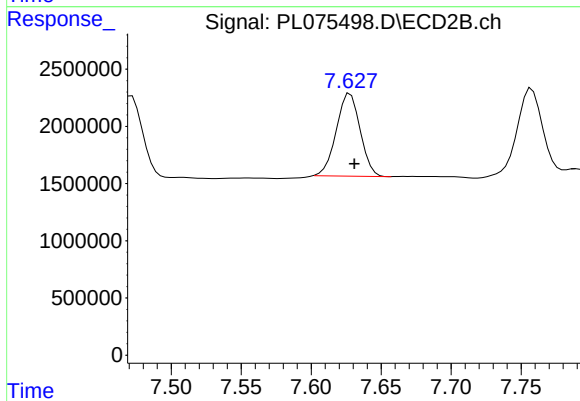
#11 alpha-Chlordane

R.T.: 7.416 min  
Delta R.T.: -0.003 min  
Response: 10803689  
Conc: 5.91 ng/ml



#12 4,4'-DDE

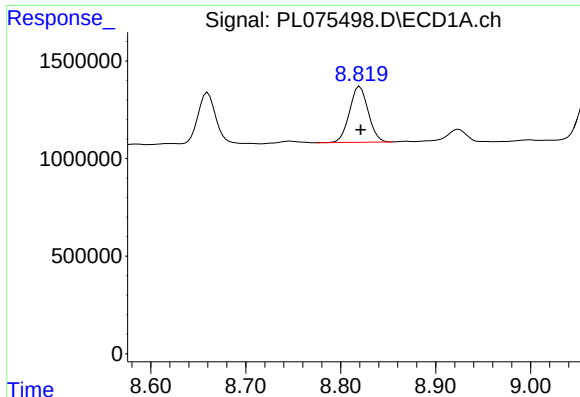
R.T.: 8.660 min  
Delta R.T.: 0.000 min  
Response: 3326209  
Conc: 5.72 ng/ml



#12 4,4'-DDE

R.T.: 7.628 min  
Delta R.T.: -0.003 min  
Response: 8563274  
Conc: 5.26 ng/ml

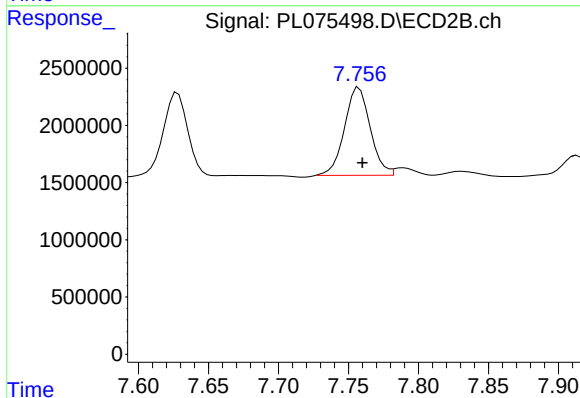




#13 Dieldrin

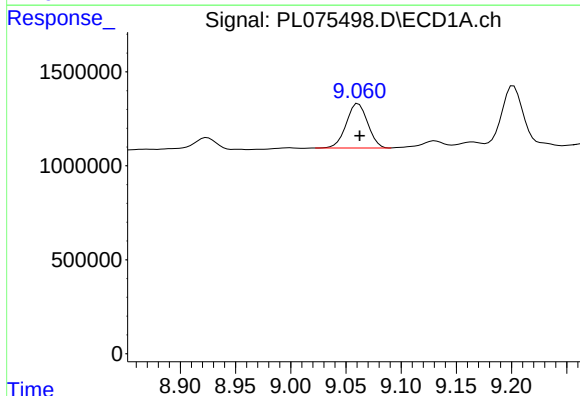
R.T.: 8.820 min  
Delta R.T.: 0.000 min  
Response: 3911715  
Conc: 6.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



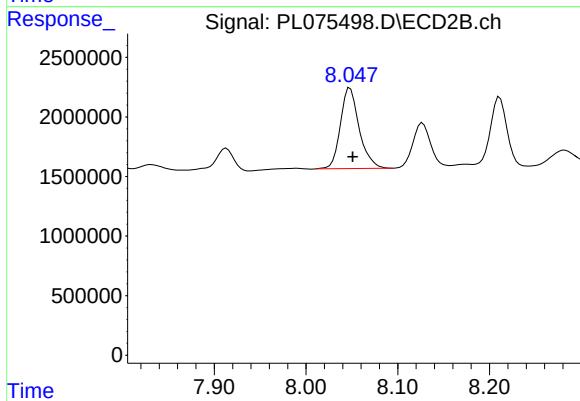
#13 Dieldrin

R.T.: 7.758 min  
Delta R.T.: -0.002 min  
Response: 9845476  
Conc: 5.67 ng/ml



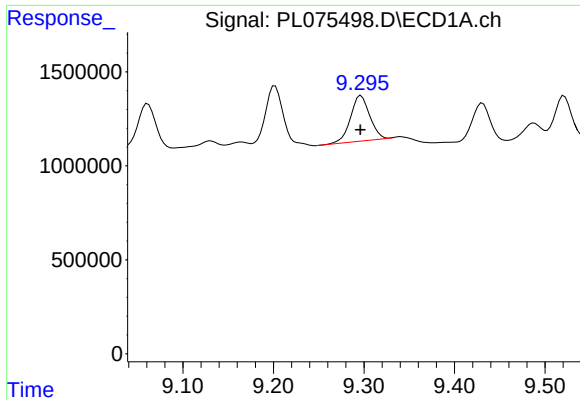
#14 Endrin

R.T.: 9.061 min  
Delta R.T.: -0.001 min  
Response: 3197568  
Conc: 6.02 ng/ml



#14 Endrin

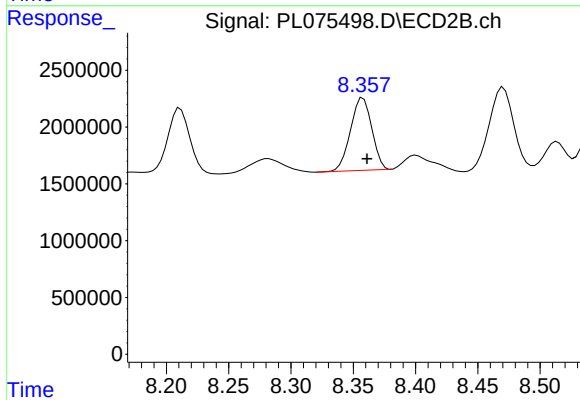
R.T.: 8.048 min  
Delta R.T.: -0.003 min  
Response: 9614487  
Conc: 6.18 ng/ml



#15 Endosulfan II

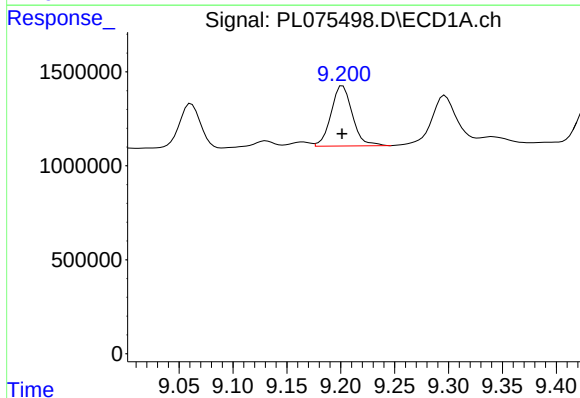
R.T.: 9.297 min  
Delta R.T.: 0.000 min  
Response: 3600687  
Conc: 6.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



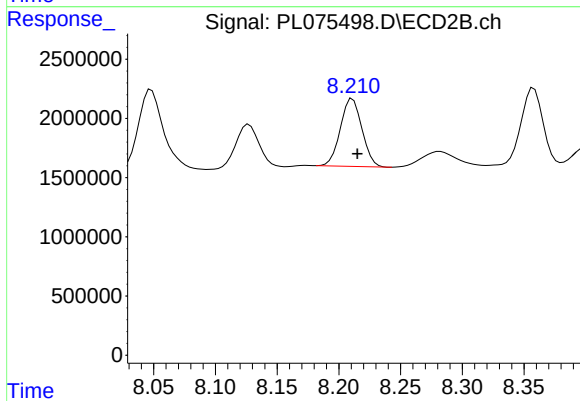
#15 Endosulfan II

R.T.: 8.358 min  
Delta R.T.: -0.003 min  
Response: 7636852  
Conc: 4.85 ng/ml



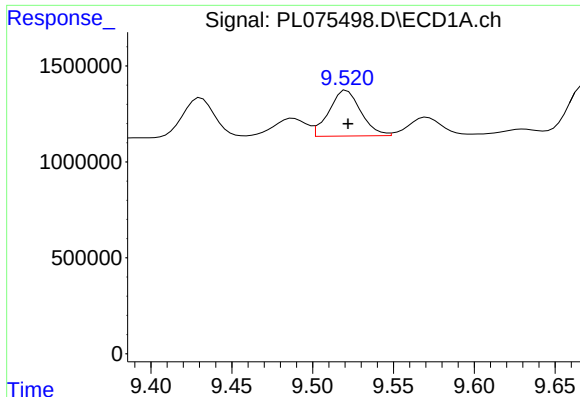
#16 4,4'-DDD

R.T.: 9.202 min  
Delta R.T.: 0.000 min  
Response: 4415587  
Conc: 8.93 ng/ml



#16 4,4'-DDD

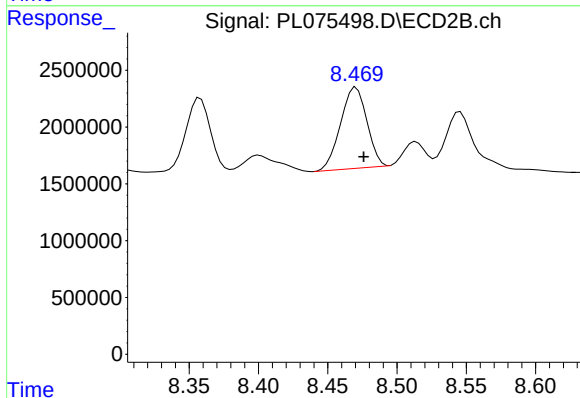
R.T.: 8.211 min  
Delta R.T.: -0.004 min  
Response: 6970171  
Conc: 5.21 ng/ml



#17 4,4'-DDT

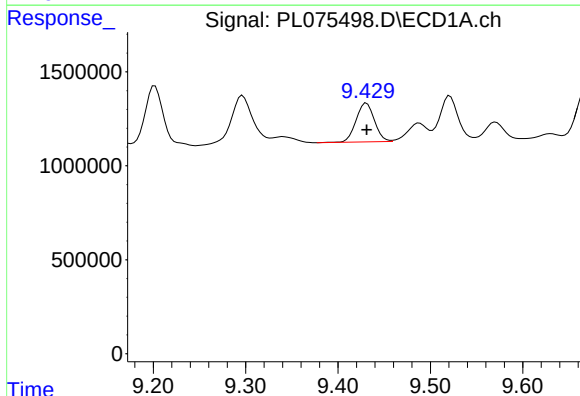
R.T.: 9.521 min  
Delta R.T.: 0.000 min  
Response: 3269133  
Conc: 5.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



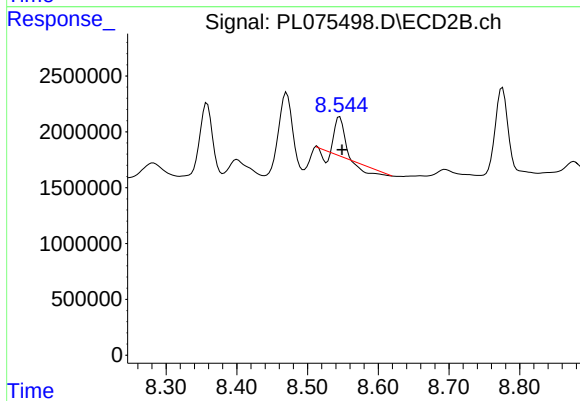
#17 4,4'-DDT

R.T.: 8.471 min  
Delta R.T.: -0.005 min  
Response: 9439963  
Conc: 6.60 ng/ml



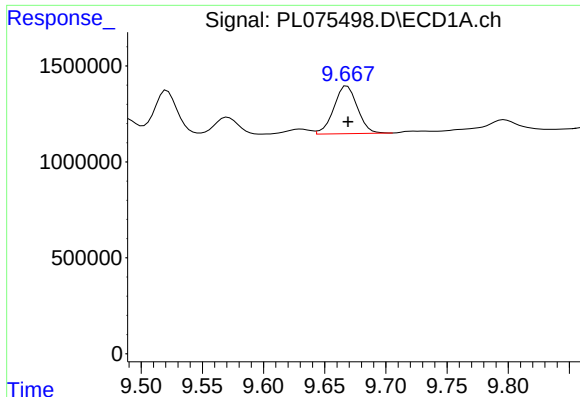
#18 Endrin aldehyde

R.T.: 9.431 min  
Delta R.T.: 0.000 min  
Response: 2864943  
Conc: 6.52 ng/ml



#18 Endrin aldehyde

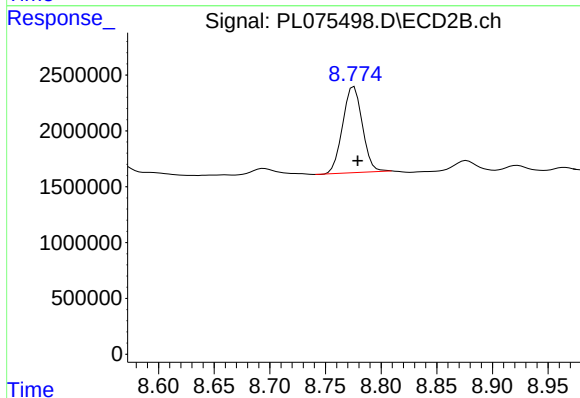
R.T.: 8.546 min  
Delta R.T.: -0.003 min  
Response: 1365703  
Conc: 1.13 ng/ml



#19 Endosulfan Sulfate

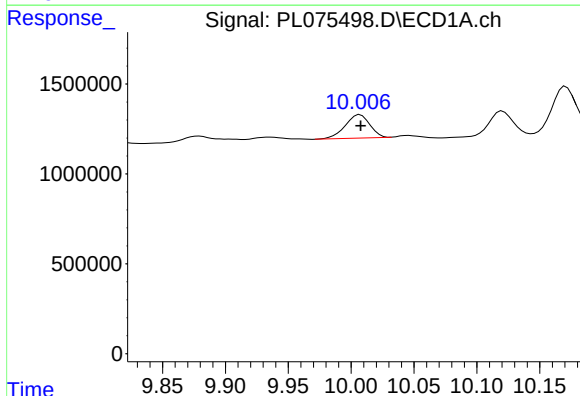
R.T.: 9.668 min  
Delta R.T.: 0.000 min  
Response: 3329552  
Conc: 5.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



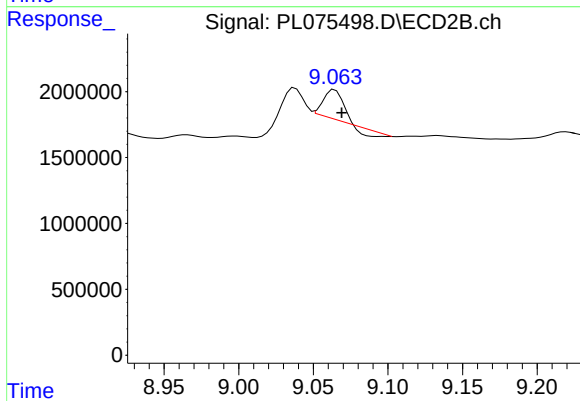
#19 Endosulfan Sulfate

R.T.: 8.776 min  
Delta R.T.: -0.003 min  
Response: 9508093  
Conc: 6.35 ng/ml



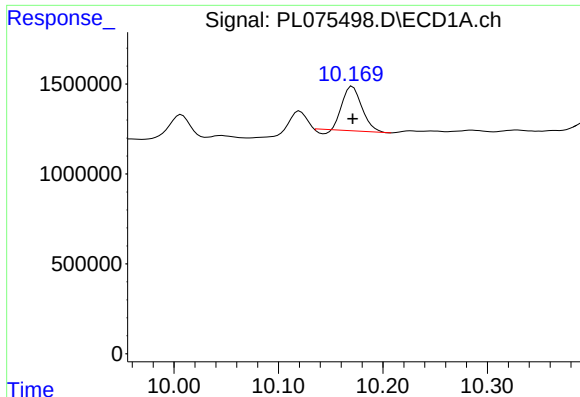
#20 Methoxychlor

R.T.: 10.007 min  
Delta R.T.: 0.000 min  
Response: 1771213  
Conc: 5.78 ng/ml



#20 Methoxychlor

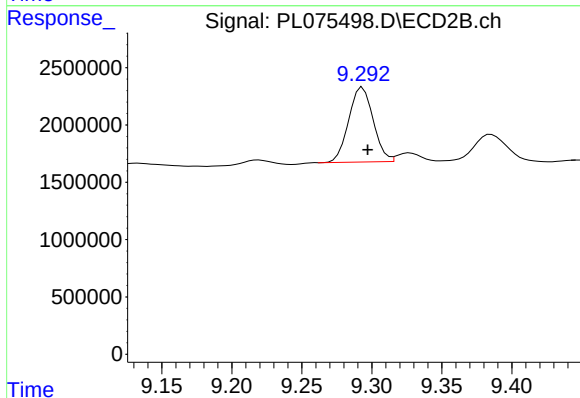
R.T.: 9.064 min  
Delta R.T.: -0.005 min  
Response: 1442882  
Conc: 1.78 ng/ml



#21 Endrin ketone

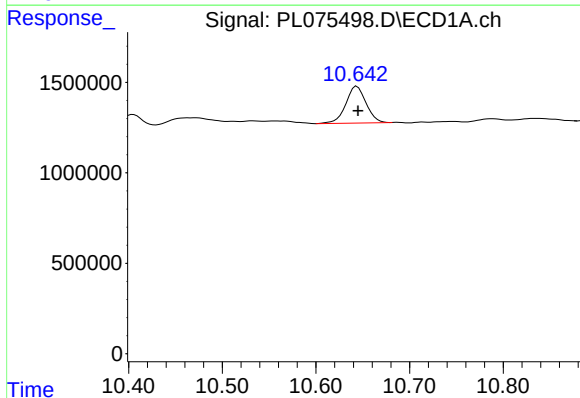
R.T.: 10.171 min  
Delta R.T.: 0.000 min  
Response: 3125970  
Conc: 5.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



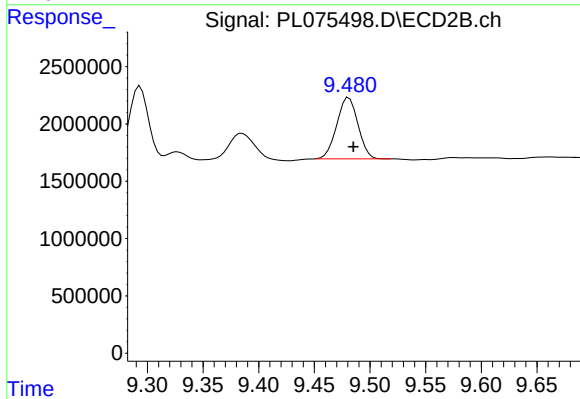
#21 Endrin ketone

R.T.: 9.294 min  
Delta R.T.: -0.003 min  
Response: 7942857  
Conc: 4.97 ng/ml



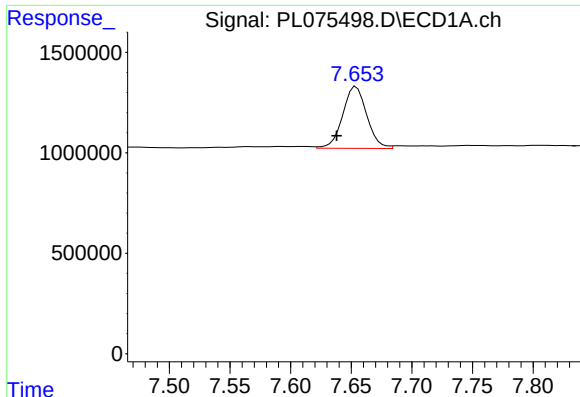
#22 Mirex

R.T.: 10.644 min  
Delta R.T.: -0.001 min  
Response: 3050782  
Conc: 6.29 ng/ml



#22 Mirex

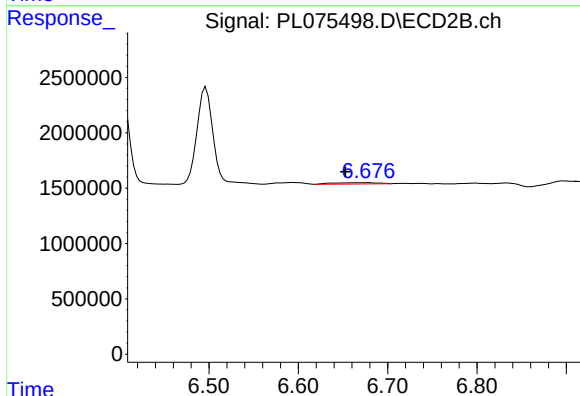
R.T.: 9.481 min  
Delta R.T.: -0.004 min  
Response: 7105482  
Conc: 5.59 ng/ml



#24 Chlordane-2

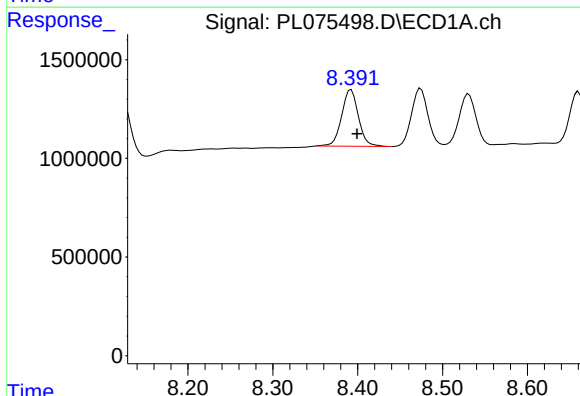
R.T.: 7.654 min  
Delta R.T.: 0.016 min  
Response: 4257231  
Conc: 149.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



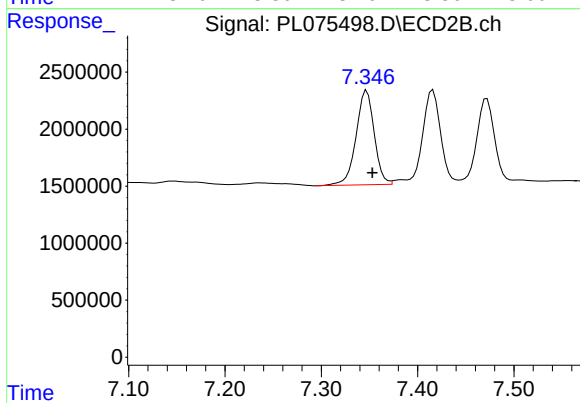
#24 Chlordane-2

R.T.: 6.678 min  
Delta R.T.: 0.025 min  
Response: 392777  
Conc: 5.75 ng/ml



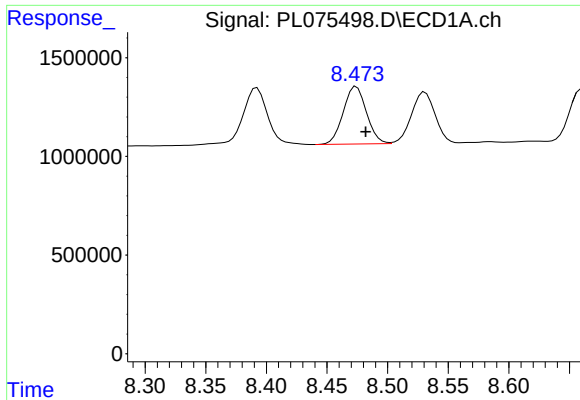
#25 Chlordane-3

R.T.: 8.392 min  
Delta R.T.: -0.007 min  
Response: 3927511  
Conc: 42.21 ng/ml



#25 Chlordane-3

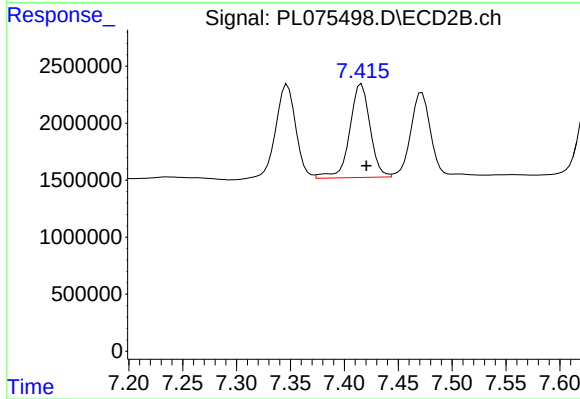
R.T.: 7.347 min  
Delta R.T.: -0.006 min  
Response: 10836391  
Conc: 61.39 ng/ml



#26 Chlordane-4

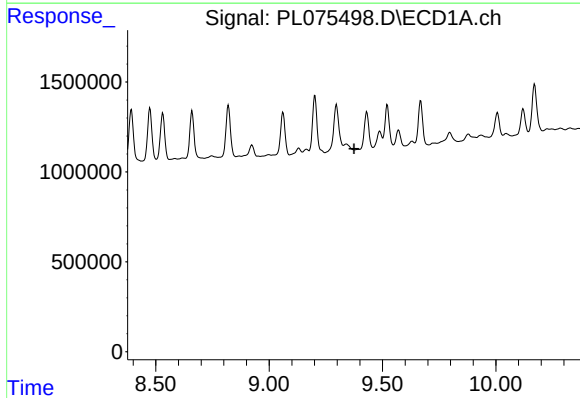
R.T.: 8.474 min  
Delta R.T.: -0.008 min  
Response: 3880894  
Conc: 34.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



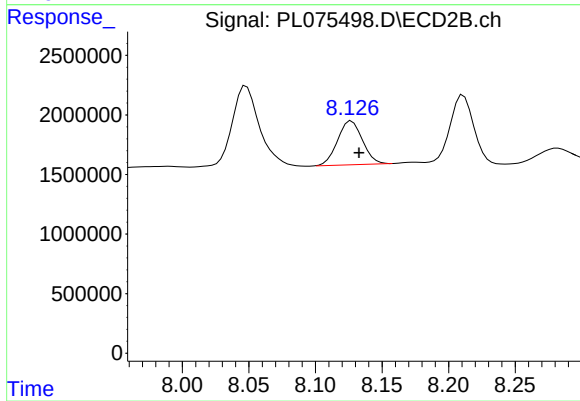
#26 Chlordane-4

R.T.: 7.416 min  
Delta R.T.: -0.005 min  
Response: 10803689  
Conc: 57.19 ng/ml



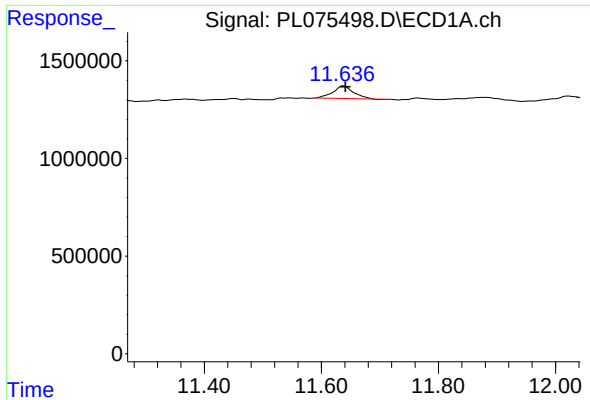
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.375 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

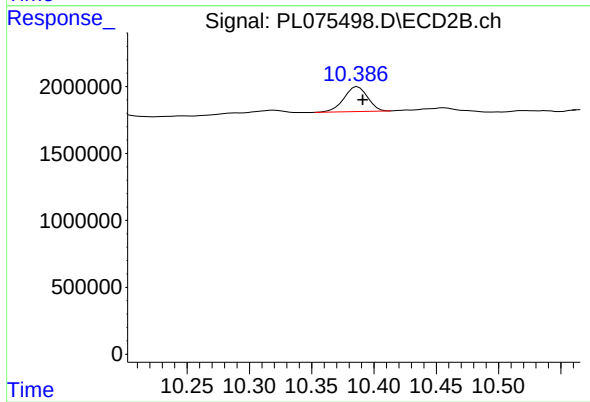
R.T.: 8.127 min  
Delta R.T.: -0.006 min  
Response: 4786716  
Conc: 95.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.637 min  
Delta R.T.: -0.004 min  
Response: 1533030  
Conc: 2.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 10.387 min  
Delta R.T.: -0.004 min  
Response: 2465003  
Conc: 1.80 ng/ml