

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091421\  
 Data File : PL069843.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Sep 2021 14:33  
 Operator : AR\AJ  
 Sample : PB139079BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 15 05:39:48 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091021.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 13 17:55:23 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... | 4.630  | 5.566  | 8249301  | 24738625 | 20.248   | 20.324     |
| 28)                         | SA Decachlor... | 10.399 | 11.491 | 14082233 | 22937937 | 19.122   | 20.074     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.338  | 6.147  | 29606513 | 90593356 | 54.010   | 53.801     |
| 3)                          | MA gamma-BHC... | 5.761  | 6.544  | 29242443 | 84259812 | 51.223   | 52.197     |
| 4)                          | MA Heptachlor   | 6.171  | 7.193  | 32344269 | 82782889 | 47.702   | 52.658     |
| 5)                          | MB Aldrin       | 6.496  | 7.565  | 30608119 | 75858021 | 51.733   | 50.570     |
| 6)                          | B beta-BHC      | 6.141  | 6.797  | 15179776 | 39250863 | 40.473   | 50.796 #   |
| 7)                          | B delta-BHC     | 6.402  | 7.065  | 30166676 | 84961269 | 51.103   | 51.005     |
| 8)                          | B Heptachlo...  | 7.072  | 8.031  | 30784355 | 70341301 | 50.408   | 54.835     |
| 9)                          | A Endosulfan I  | 7.475  | 8.437  | 29747673 | 65513883 | 50.177   | 50.637     |
| 10)                         | B gamma-Chl...  | 7.350  | 8.301  | 32357153 | 71361149 | 50.462   | 53.419     |
| 11)                         | B alpha-Chl...  | 7.419  | 8.382  | 32357152 | 69476170 | 49.781   | 51.038     |
| 12)                         | B 4,4'-DDE      | 7.633  | 8.569  | 28493590 | 67990869 | 50.261   | 51.461     |
| 13)                         | MA Dieldrin     | 7.762  | 8.727  | 31154133 | 67832737 | 50.306   | 51.314     |
| 14)                         | MA Endrin       | 8.053  | 8.966  | 27787195 | 53908864 | 46.667   | 47.845     |
| 15)                         | B Endosulfa...  | 8.364  | 9.200  | 28430306 | 56637359 | 49.228   | 50.215     |
| 16)                         | A 4,4'-DDD      | 8.219  | 9.109  | 25182421 | 53547909 | 51.025   | 50.300     |
| 17)                         | MA 4,4'-DDT     | 8.480  | 9.427  | 26891009 | 53307338 | 46.896   | 47.614     |
| 18)                         | B Endrin al...  | 8.552  | 9.335  | 26033708 | 50186954 | 49.866   | 50.917     |
| 19)                         | B Endosulfa...  | 8.783  | 9.573  | 31027652 | 56243150 | 48.072   | 49.944     |
| 20)                         | A Methoxychlor  | 9.074  | 9.913  | 16649453 | 27470750 | 44.379   | 45.511     |
| 21)                         | B Endrin ke...  | 9.302  | 10.071 | 36913284 | 61676781 | 51.178   | 50.032     |
| 22)                         | Mirex           | 9.489  | 10.538 | 30608562 | 44036672 | 46.456   | 47.069     |
| 24)                         | Chlordane-2     | 0.000  | 7.565f | 0        | 75858021 | N.D.     | 1463.663 # |
| 25)                         | Chlordane-3     | 7.350  | 8.301  | 32357153 | 71361149 | 516.668  | 376.198 #  |
| 26)                         | Chlordane-4     | 7.419  | 8.382  | 32357152 | 69476170 | 480.395  | 298.359 #  |
| 27)                         | Chlordane-5     | 8.364  | 0.000  | 28430306 | 0        | 1147.206 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

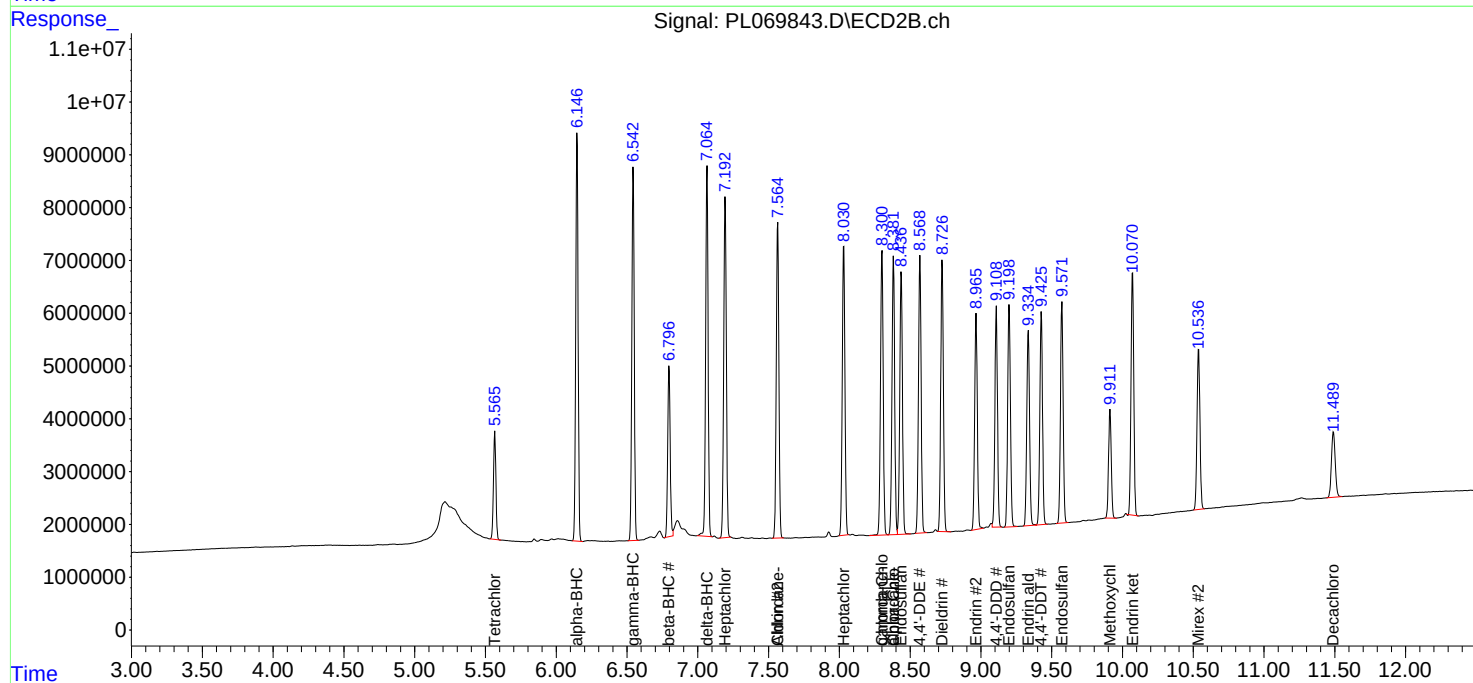
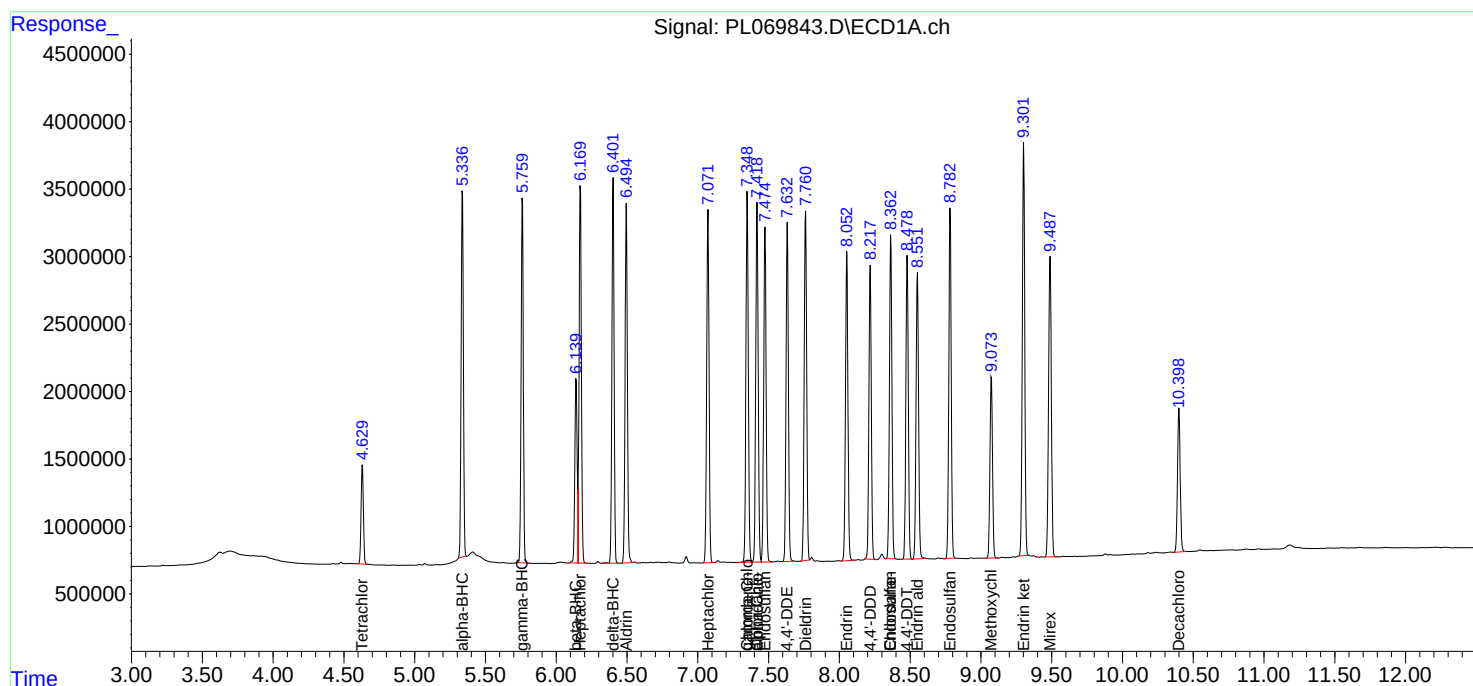
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

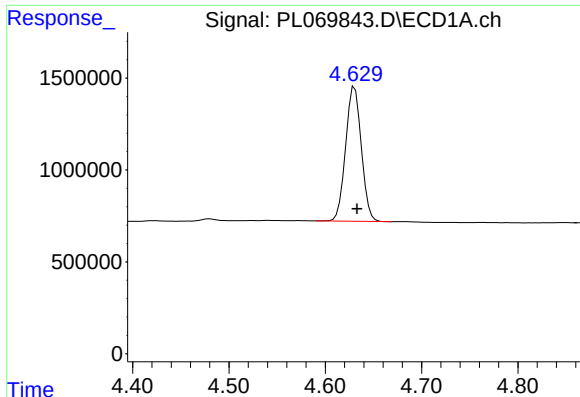
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091421\  
 Data File : PL069843.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Sep 2021 14:33  
 Operator : AR\AJ  
 Sample : PB139079BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 15 05:39:48 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091021.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 13 17:55:23 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

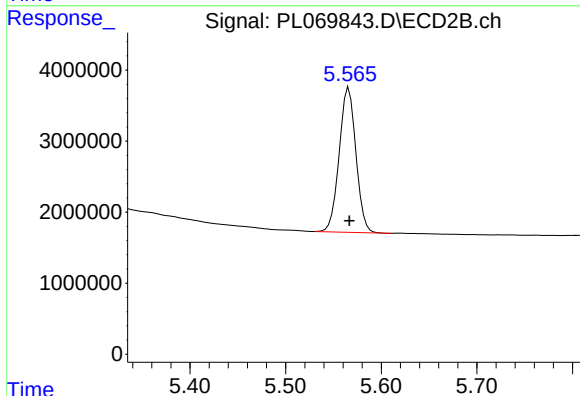




#1 Tetrachloro-m-xylene

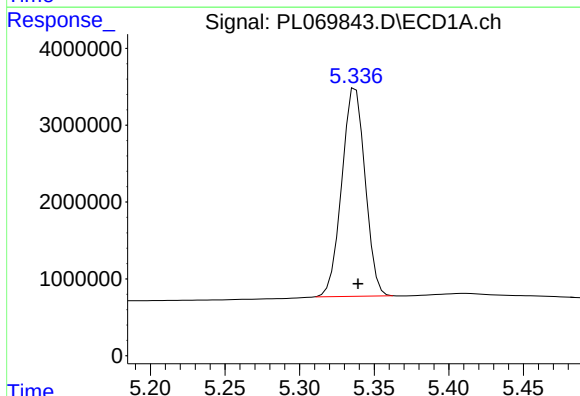
R.T.: 4.630 min  
Delta R.T.: -0.003 min  
Response: 8249301  
Conc: 20.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



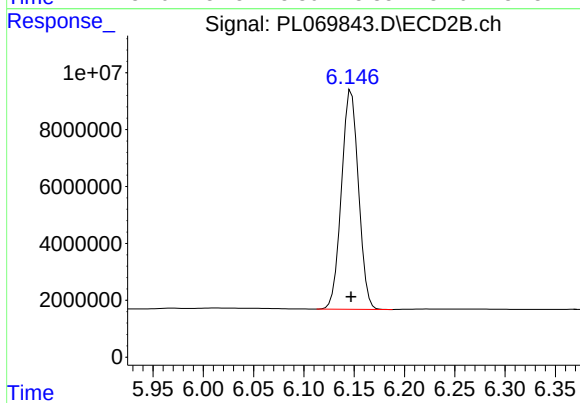
#1 Tetrachloro-m-xylene

R.T.: 5.566 min  
Delta R.T.: 0.000 min  
Response: 24738625  
Conc: 20.32 ng/ml



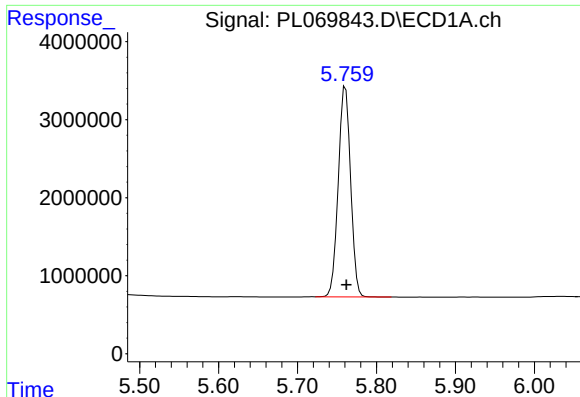
#2 alpha-BHC

R.T.: 5.338 min  
Delta R.T.: -0.002 min  
Response: 29606513  
Conc: 54.01 ng/ml



#2 alpha-BHC

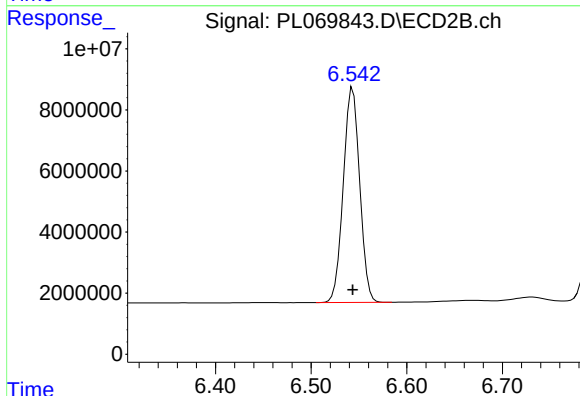
R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 90593356  
Conc: 53.80 ng/ml



#3 gamma-BHC (Lindane)

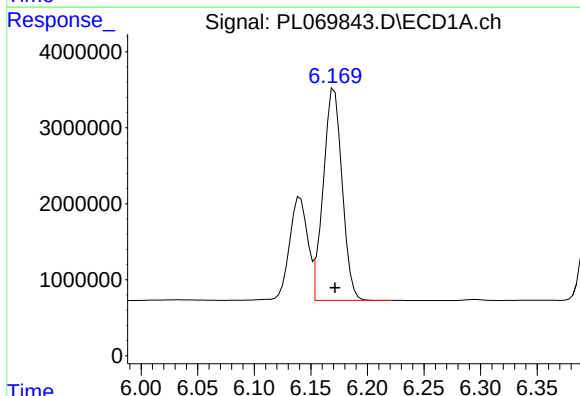
R.T.: 5.761 min  
Delta R.T.: -0.001 min  
Response: 29242443  
Conc: 51.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



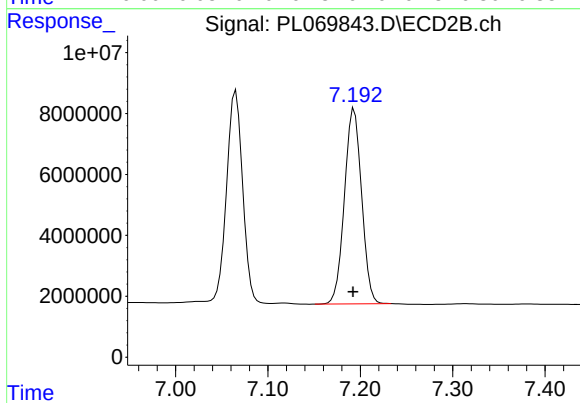
#3 gamma-BHC (Lindane)

R.T.: 6.544 min  
Delta R.T.: 0.000 min  
Response: 84259812  
Conc: 52.20 ng/ml



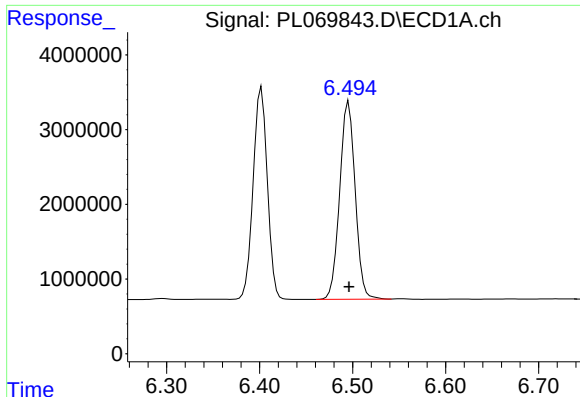
#4 Heptachlor

R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 32344269  
Conc: 47.70 ng/ml



#4 Heptachlor

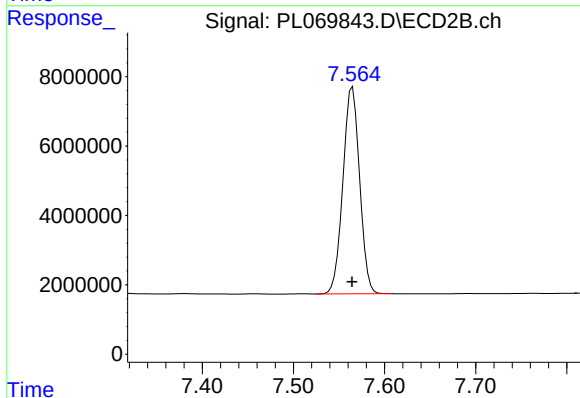
R.T.: 7.193 min  
Delta R.T.: 0.001 min  
Response: 82782889  
Conc: 52.66 ng/ml



#5 Aldrin

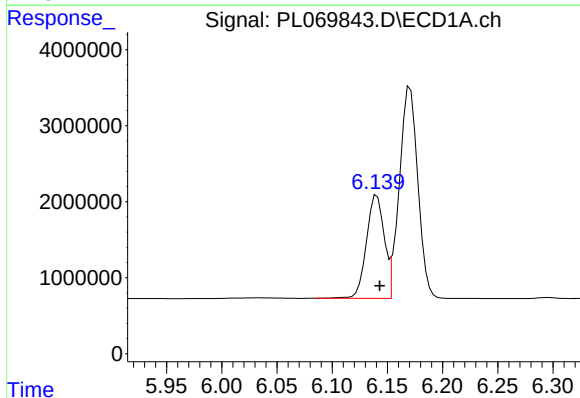
R.T.: 6.496 min  
Delta R.T.: 0.000 min  
Response: 30608119  
Conc: 51.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



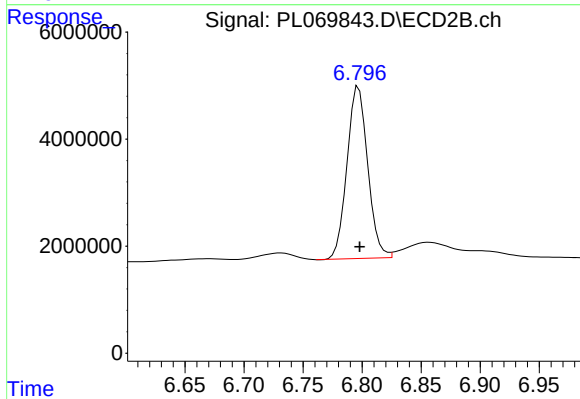
#5 Aldrin

R.T.: 7.565 min  
Delta R.T.: 0.000 min  
Response: 75858021  
Conc: 50.57 ng/ml



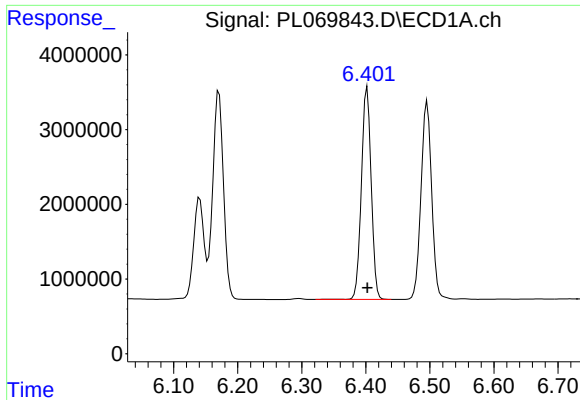
#6 beta-BHC

R.T.: 6.141 min  
Delta R.T.: -0.002 min  
Response: 15179776  
Conc: 40.47 ng/ml



#6 beta-BHC

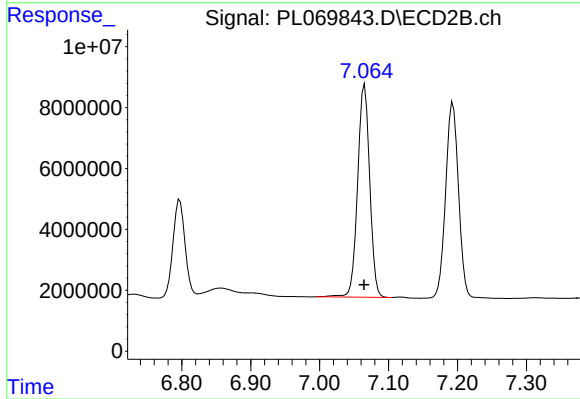
R.T.: 6.797 min  
Delta R.T.: 0.000 min  
Response: 39250863  
Conc: 50.80 ng/ml



#7 delta-BHC

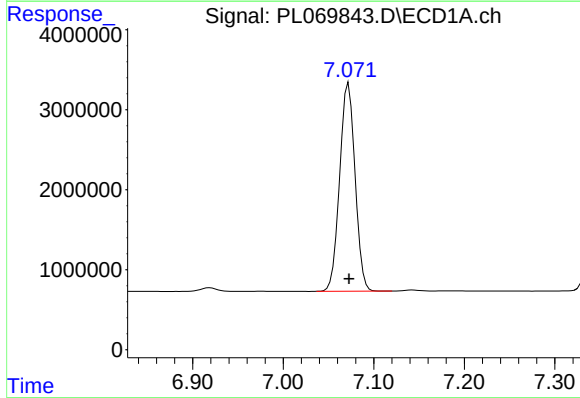
R.T.: 6.402 min  
Delta R.T.: 0.000 min  
Response: 30166676  
Conc: 51.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



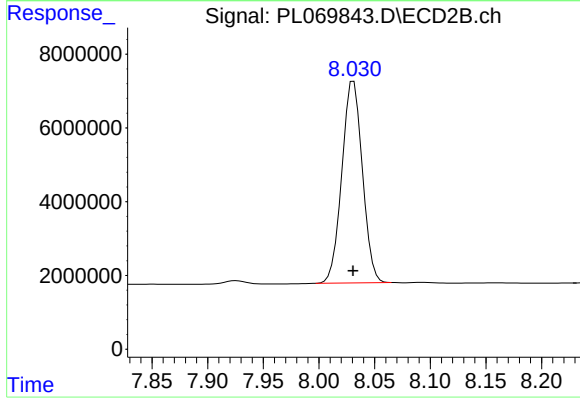
#7 delta-BHC

R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 84961269  
Conc: 51.01 ng/ml



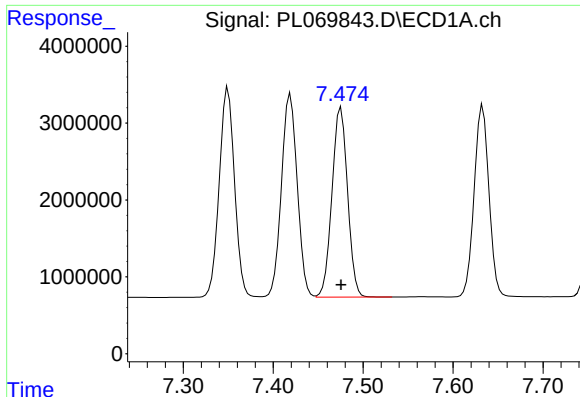
#8 Heptachlor epoxide

R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 30784355  
Conc: 50.41 ng/ml



#8 Heptachlor epoxide

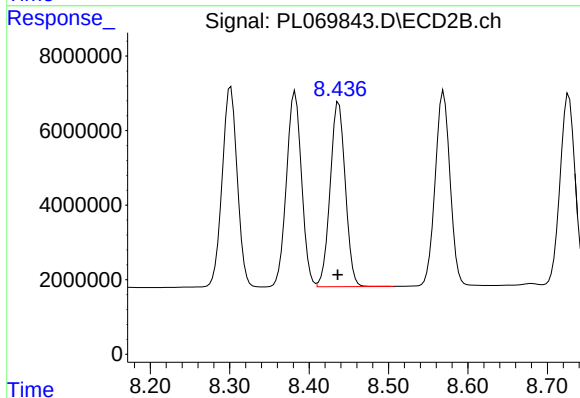
R.T.: 8.031 min  
Delta R.T.: 0.000 min  
Response: 70341301  
Conc: 54.83 ng/ml



#9 Endosulfan I

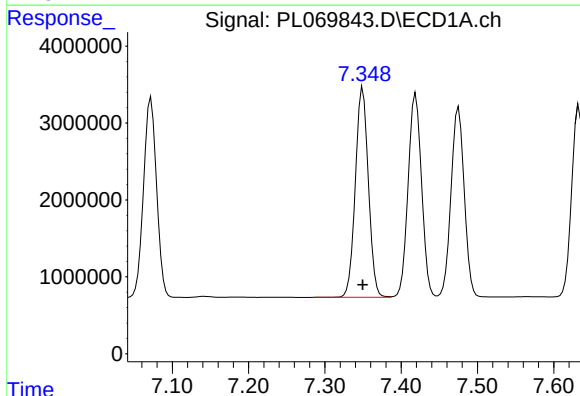
R.T.: 7.475 min  
Delta R.T.: 0.000 min  
Response: 29747673  
Conc: 50.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



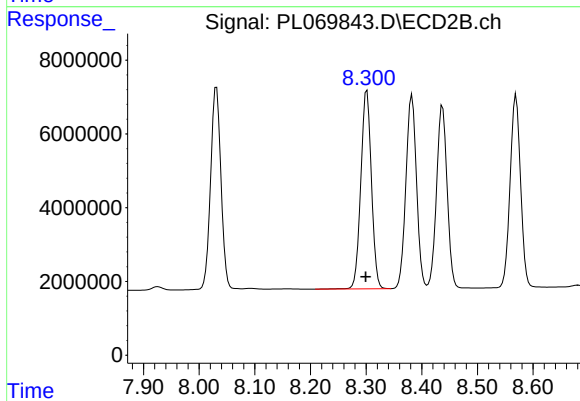
#9 Endosulfan I

R.T.: 8.437 min  
Delta R.T.: 0.001 min  
Response: 65513883  
Conc: 50.64 ng/ml



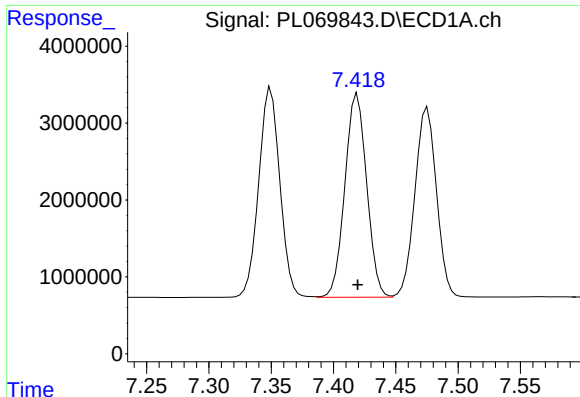
#10 gamma-Chlordane

R.T.: 7.350 min  
Delta R.T.: 0.000 min  
Response: 32357153  
Conc: 50.46 ng/ml



#10 gamma-Chlordane

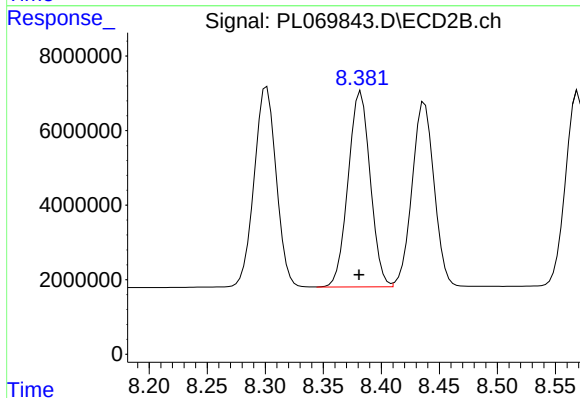
R.T.: 8.301 min  
Delta R.T.: 0.002 min  
Response: 71361149  
Conc: 53.42 ng/ml



#11 alpha-Chlordane

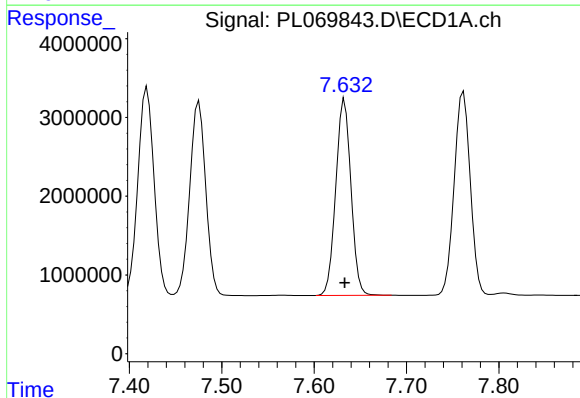
R.T.: 7.419 min  
Delta R.T.: 0.000 min  
Response: 32357152  
Conc: 49.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



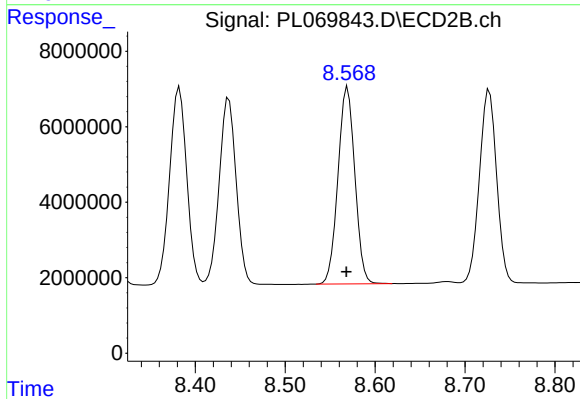
#11 alpha-Chlordane

R.T.: 8.382 min  
Delta R.T.: 0.002 min  
Response: 69476170  
Conc: 51.04 ng/ml



#12 4,4'-DDE

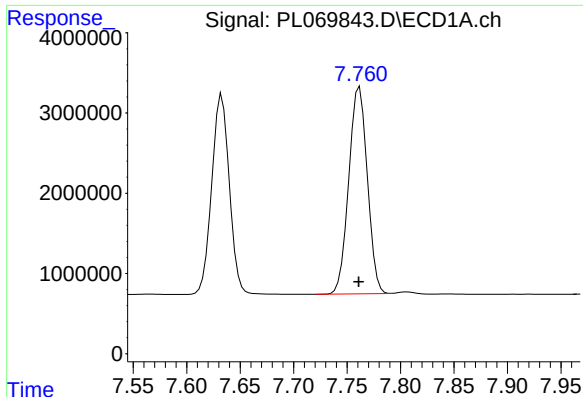
R.T.: 7.633 min  
Delta R.T.: 0.000 min  
Response: 28493590  
Conc: 50.26 ng/ml



#12 4,4'-DDE

R.T.: 8.569 min  
Delta R.T.: 0.001 min  
Response: 67990869  
Conc: 51.46 ng/ml

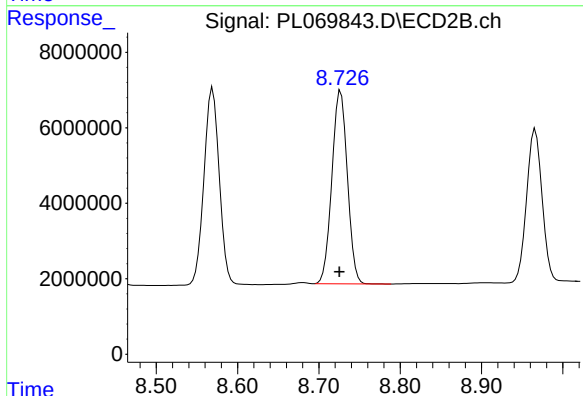




#13 Dieldrin

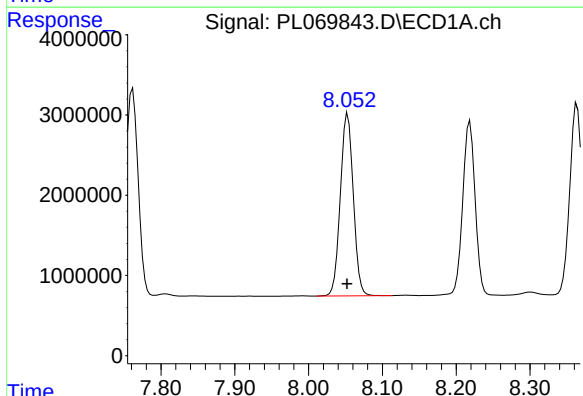
R.T.: 7.762 min  
Delta R.T.: 0.000 min  
Response: 31154133  
Conc: 50.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



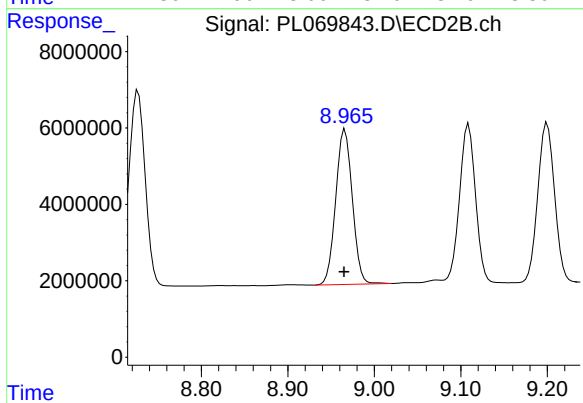
#13 Dieldrin

R.T.: 8.727 min  
Delta R.T.: 0.002 min  
Response: 67832737  
Conc: 51.31 ng/ml



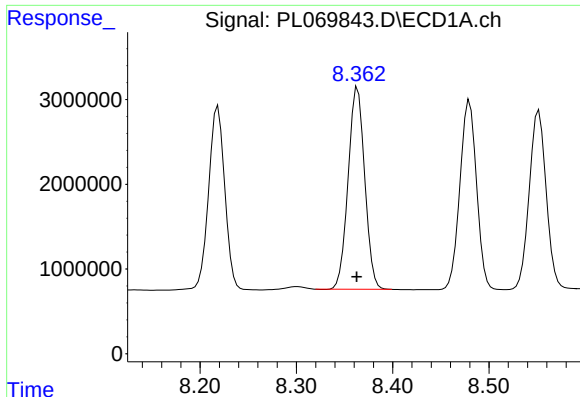
#14 Endrin

R.T.: 8.053 min  
Delta R.T.: 0.000 min  
Response: 27787195  
Conc: 46.67 ng/ml



#14 Endrin

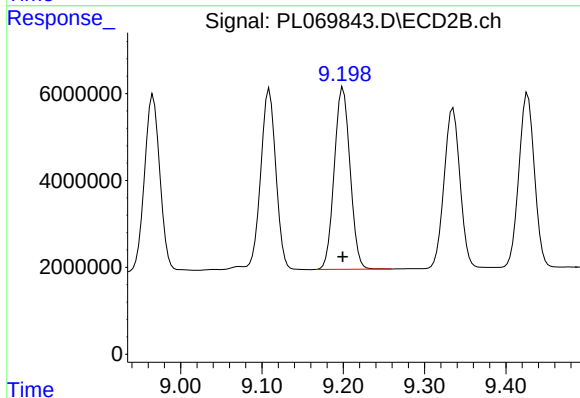
R.T.: 8.966 min  
Delta R.T.: 0.001 min  
Response: 53908864  
Conc: 47.84 ng/ml



#15 Endosulfan II

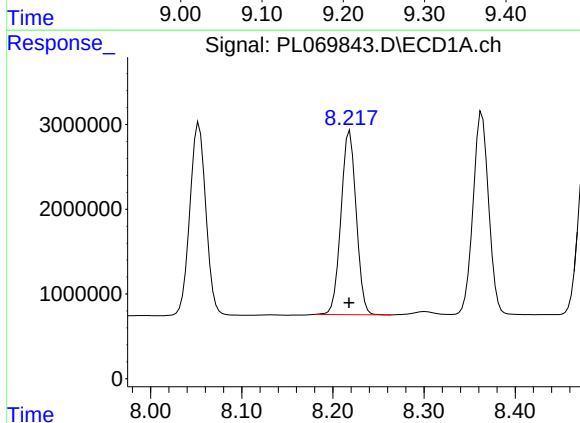
R.T.: 8.364 min  
Delta R.T.: 0.001 min  
Response: 28430306  
Conc: 49.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



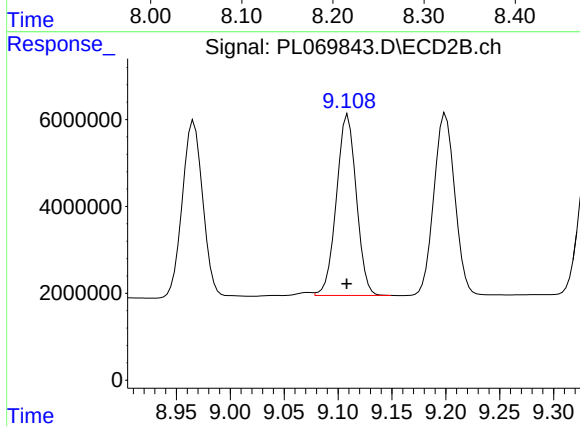
#15 Endosulfan II

R.T.: 9.200 min  
Delta R.T.: 0.000 min  
Response: 56637359  
Conc: 50.22 ng/ml



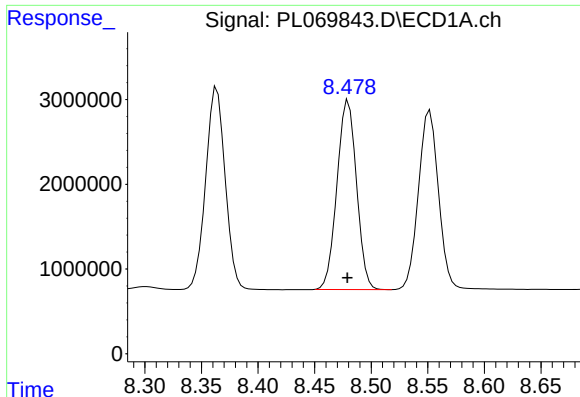
#16 4,4'-DDD

R.T.: 8.219 min  
Delta R.T.: 0.001 min  
Response: 25182421  
Conc: 51.03 ng/ml



#16 4,4'-DDD

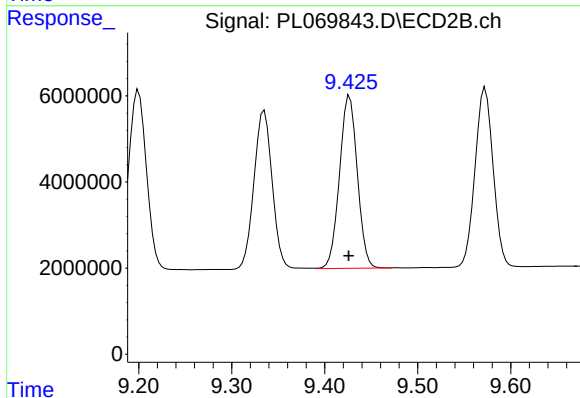
R.T.: 9.109 min  
Delta R.T.: 0.001 min  
Response: 53547909  
Conc: 50.30 ng/ml



#17 4,4'-DDT

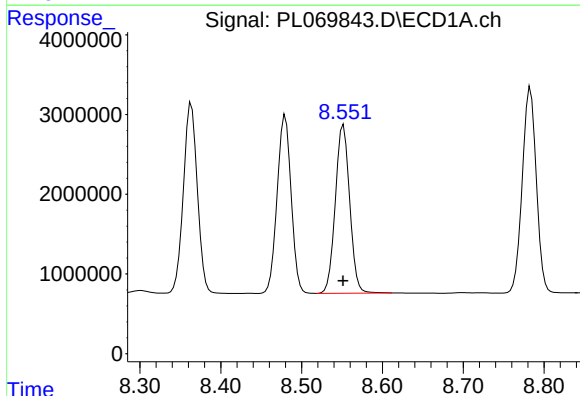
R.T.: 8.480 min  
Delta R.T.: 0.000 min  
Response: 26891009  
Conc: 46.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



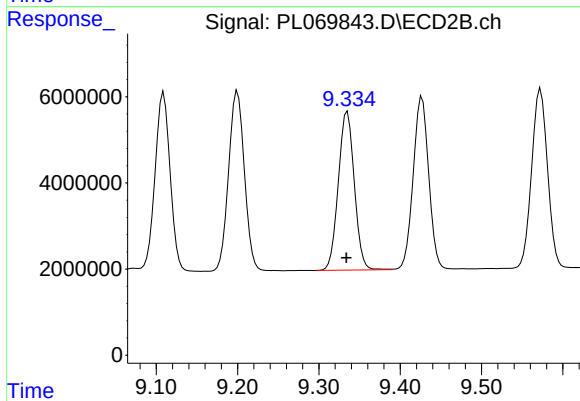
#17 4,4'-DDT

R.T.: 9.427 min  
Delta R.T.: 0.001 min  
Response: 53307338  
Conc: 47.61 ng/ml



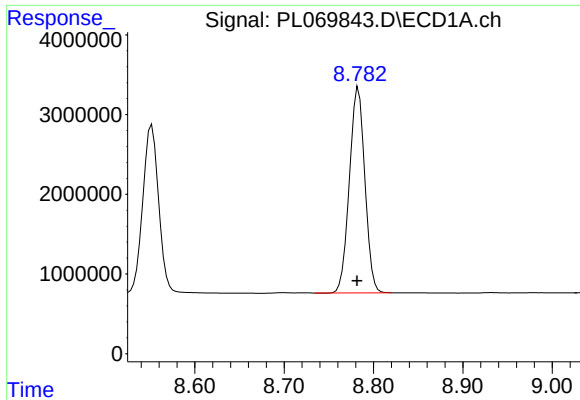
#18 Endrin aldehyde

R.T.: 8.552 min  
Delta R.T.: 0.000 min  
Response: 26033708  
Conc: 49.87 ng/ml



#18 Endrin aldehyde

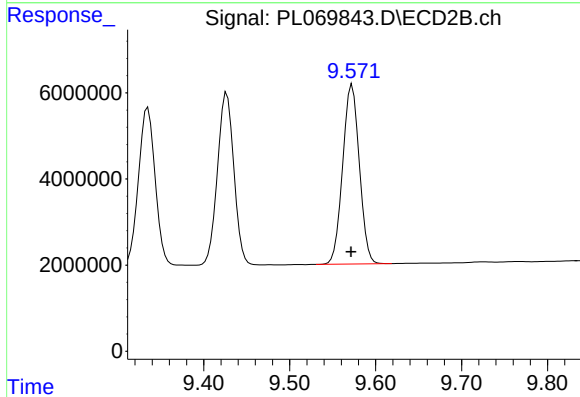
R.T.: 9.335 min  
Delta R.T.: 0.001 min  
Response: 50186954  
Conc: 50.92 ng/ml



#19 Endosulfan Sulfate

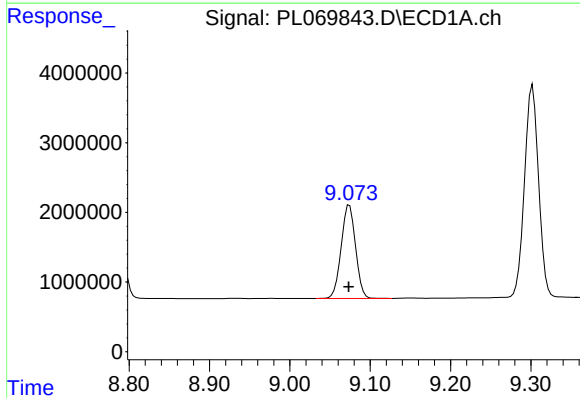
R.T.: 8.783 min  
Delta R.T.: 0.002 min  
Response: 31027652  
Conc: 48.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



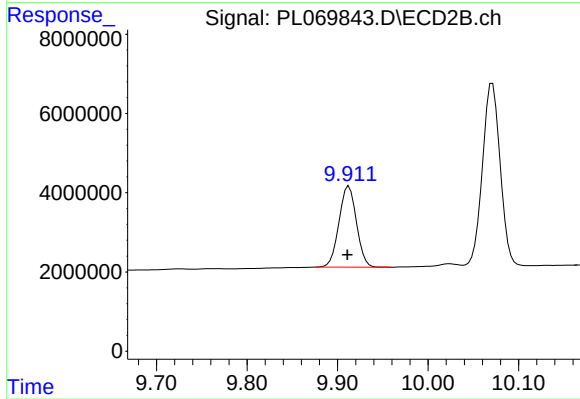
#19 Endosulfan Sulfate

R.T.: 9.573 min  
Delta R.T.: 0.001 min  
Response: 56243150  
Conc: 49.94 ng/ml



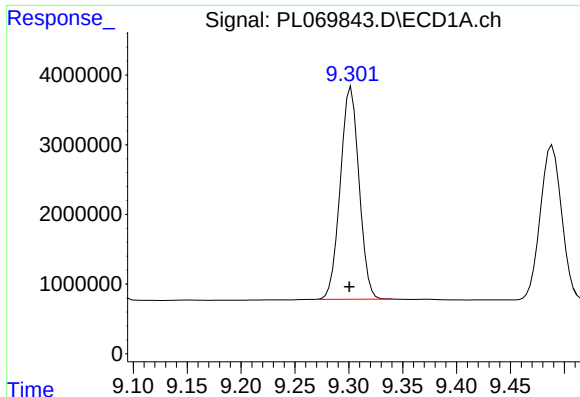
#20 Methoxychlor

R.T.: 9.074 min  
Delta R.T.: 0.001 min  
Response: 16649453  
Conc: 44.38 ng/ml



#20 Methoxychlor

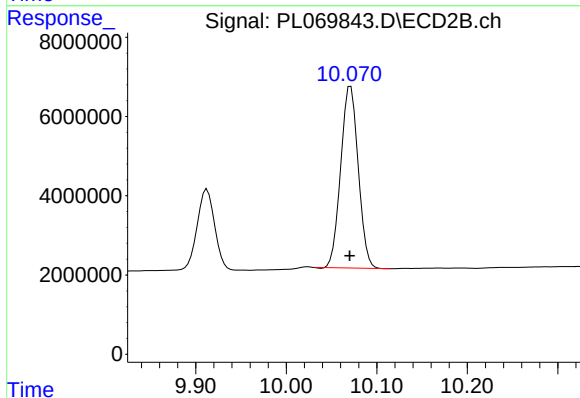
R.T.: 9.913 min  
Delta R.T.: 0.002 min  
Response: 27470750  
Conc: 45.51 ng/ml



#21 Endrin ketone

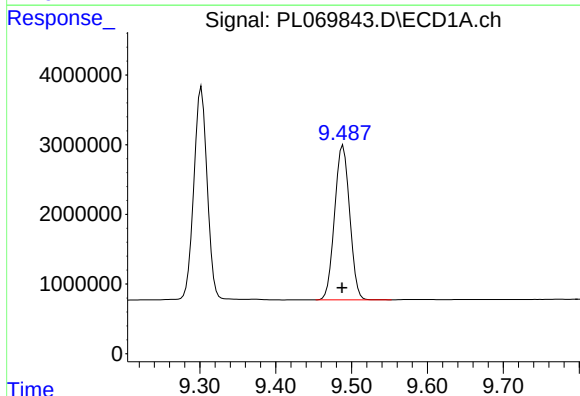
R.T.: 9.302 min  
Delta R.T.: 0.001 min  
Response: 36913284  
Conc: 51.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



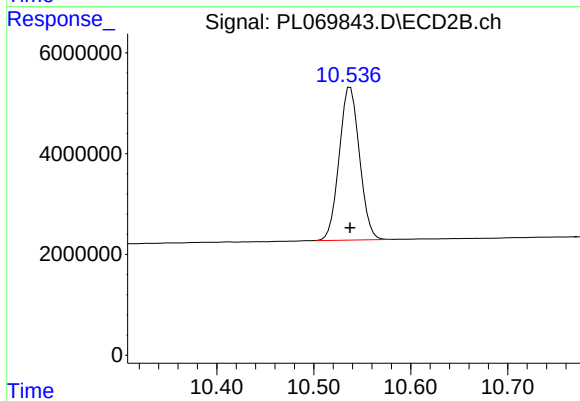
#21 Endrin ketone

R.T.: 10.071 min  
Delta R.T.: 0.000 min  
Response: 61676781  
Conc: 50.03 ng/ml



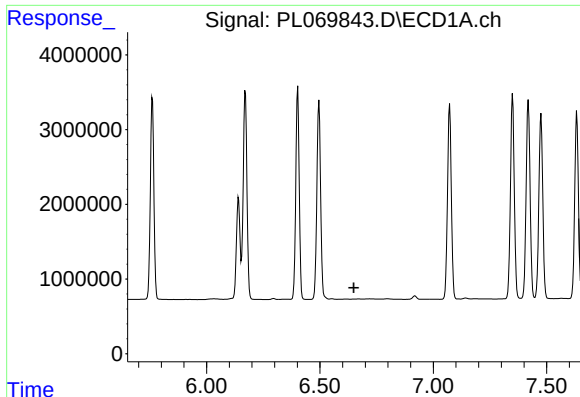
#22 Mirex

R.T.: 9.489 min  
Delta R.T.: 0.001 min  
Response: 30608562  
Conc: 46.46 ng/ml



#22 Mirex

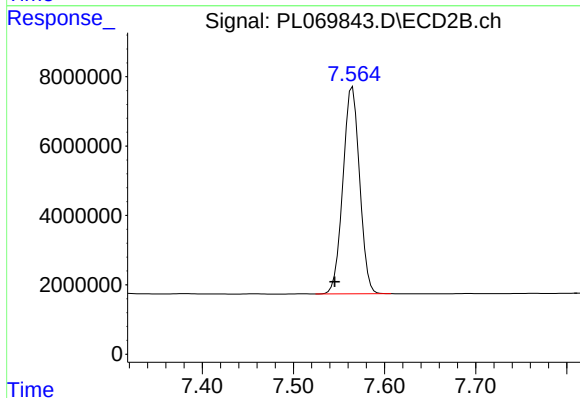
R.T.: 10.538 min  
Delta R.T.: 0.000 min  
Response: 44036672  
Conc: 47.07 ng/ml



#24 Chlordane-2

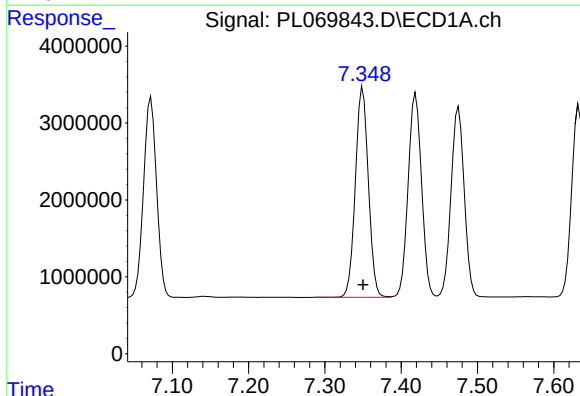
R.T.: 0.000 min  
Exp R.T.: 6.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



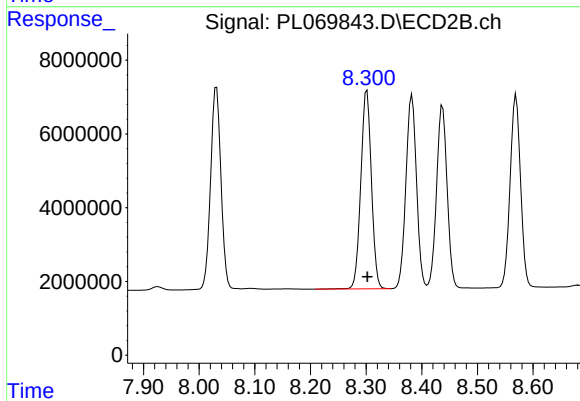
#24 Chlordane-2

R.T.: 7.565 min  
Delta R.T.: 0.020 min  
Response: 75858021  
Conc: 1463.66 ng/ml



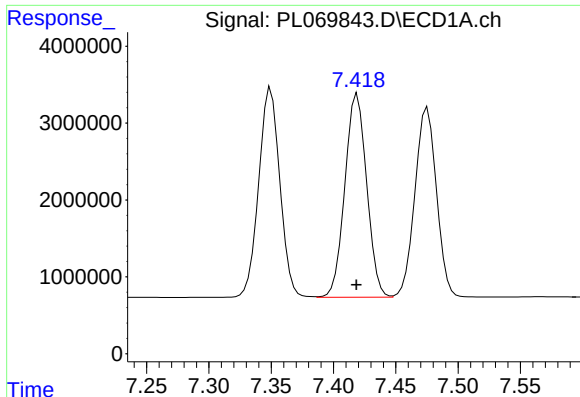
#25 Chlordane-3

R.T.: 7.350 min  
Delta R.T.: 0.000 min  
Response: 32357153  
Conc: 516.67 ng/ml



#25 Chlordane-3

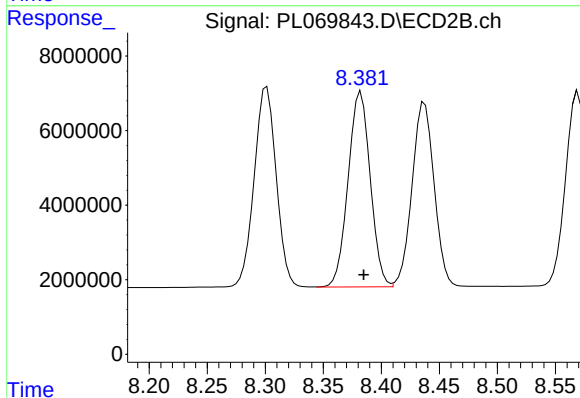
R.T.: 8.301 min  
Delta R.T.: 0.000 min  
Response: 71361149  
Conc: 376.20 ng/ml



#26 Chlordane-4

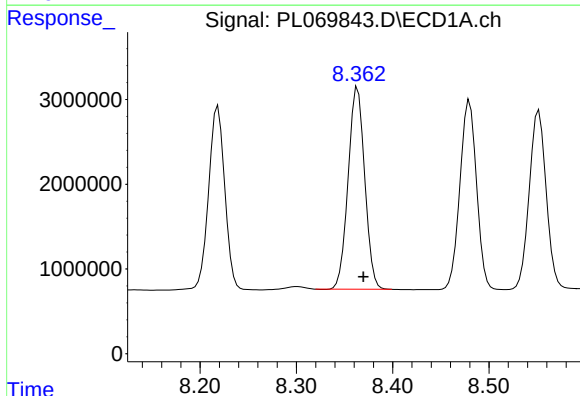
R.T.: 7.419 min  
Delta R.T.: 0.000 min  
Response: 32357152  
Conc: 480.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



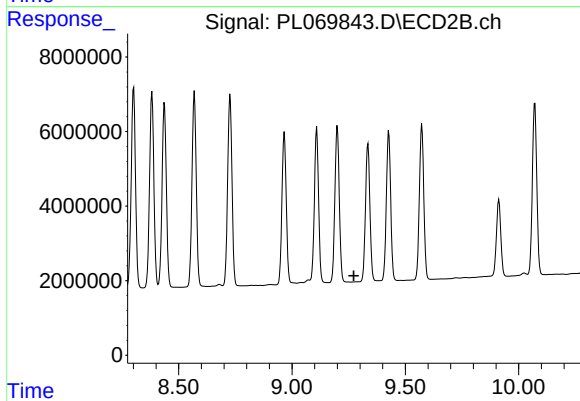
#26 Chlordane-4

R.T.: 8.382 min  
Delta R.T.: -0.002 min  
Response: 69476170  
Conc: 298.36 ng/ml



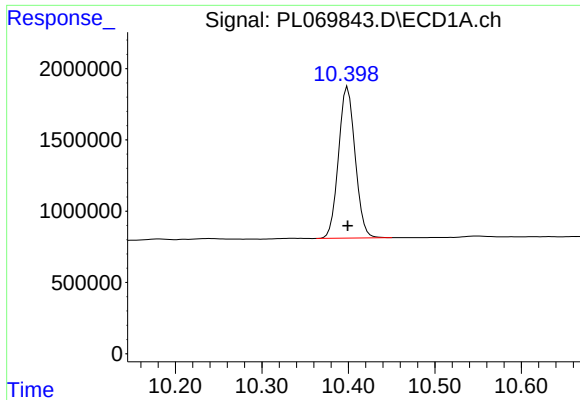
#27 Chlordane-5

R.T.: 8.364 min  
Delta R.T.: -0.006 min  
Response: 28430306  
Conc: 1147.21 ng/ml



#27 Chlordane-5

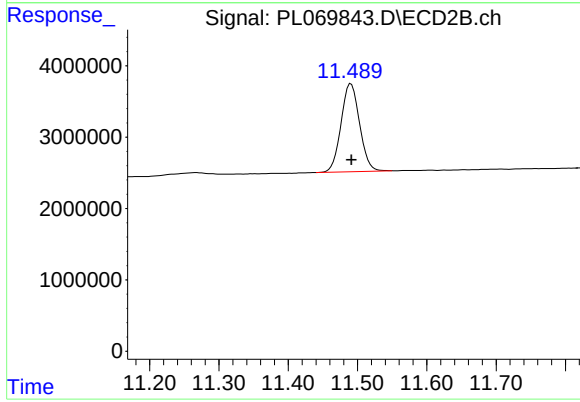
R.T.: 0.000 min  
Exp R.T.: 9.273 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.399 min  
Delta R.T.: 0.000 min  
Response: 14082233  
Conc: 19.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.491 min  
Delta R.T.: 0.000 min  
Response: 22937937  
Conc: 20.07 ng/ml