

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082221\  
 Data File : PL069356.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Aug 2021 02:38  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 23 07:40:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082021.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Aug 21 02:23:37 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... | 4.634  | 5.569  | 26120795 | 77812370 | 56.615   | 54.320     |
| 28)                         | SA Decachlor... | 10.403 | 11.492 | 32501245 | 57759057 | 48.154   | 47.128     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.341  | 6.149  | 37352282 | 110.1E6  | 58.352   | 56.268     |
| 3)                          | MA gamma-BHC... | 5.764  | 6.545  | 35210555 | 101.3E6  | 55.112   | 55.188     |
| 4)                          | MA Heptachlor   | 6.174  | 7.195  | 37231283 | 95651052 | 53.757   | 52.487     |
| 5)                          | MB Aldrin       | 6.499  | 7.566  | 35206854 | 90837687 | 57.061   | 54.653     |
| 6)                          | B beta-BHC      | 6.143  | 6.798  | 17946464 | 46449966 | 57.265   | 49.426     |
| 7)                          | B delta-BHC     | 6.404  | 7.066  | 35063318 | 102.0E6  | 56.401   | 55.247     |
| 8)                          | B Heptachlo...  | 7.075  | 8.032  | 34055633 | 82144506 | 54.862   | 54.609     |
| 9)                          | A Endosulfan I  | 7.478  | 8.438  | 32284588 | 74043796 | 54.532   | 53.534     |
| 10)                         | B gamma-Chl...  | 7.353  | 8.302  | 35140866 | 82495507 | 54.903   | 53.627     |
| 11)                         | B alpha-Chl...  | 7.422  | 8.383  | 35138100 | 80201354 | 53.925   | 53.676     |
| 12)                         | B 4,4'-DDE      | 7.636  | 8.570  | 31255467 | 75060965 | 55.264   | 53.660     |
| 13)                         | MA Dieldrin     | 7.765  | 8.727  | 33139565 | 75322615 | 54.575   | 53.641     |
| 14)                         | MA Endrin       | 8.056  | 8.967  | 30128908 | 60296450 | 52.168   | 51.372     |
| 15)                         | B Endosulfa...  | 8.366  | 9.200  | 29476480 | 59429530 | 53.052   | 50.223     |
| 16)                         | A 4,4'-DDD      | 8.221  | 9.109  | 28189639 | 62061337 | 55.428   | 50.596     |
| 17)                         | MA 4,4'-DDT     | 8.482  | 9.426  | 27854734 | 57518420 | 48.392   | 46.948     |
| 18)                         | B Endrin al...  | 8.554  | 9.334  | 23827437 | 47587407 | 52.535   | 50.028     |
| 19)                         | B Endosulfa...  | 8.785  | 9.572  | 30857143 | 57745817 | 51.974   | 50.828     |
| 20)                         | A Methoxychlor  | 9.076  | 9.912  | 16728754 | 28443158 | 44.664   | 44.305     |
| 21)                         | B Endrin ke...  | 9.304  | 10.071 | 36299445 | 63824496 | 52.314   | 49.330     |
| 22)                         | Mirex           | 9.492  | 10.537 | 29939157 | 47461153 | 50.337   | 50.642     |
| 24)                         | Chlordane-2     | 0.000  | 7.566f | 0        | 90837687 | N.D.     | 1585.645 # |
| 25)                         | Chlordane-3     | 7.353  | 8.302  | 35140866 | 82495507 | 540.770  | 385.229 #  |
| 26)                         | Chlordane-4     | 7.422  | 8.383  | 35138100 | 80201354 | 503.553  | 311.604 #  |
| 27)                         | Chlordane-5     | 8.366  | 0.000  | 29476480 | 0        | 1155.744 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

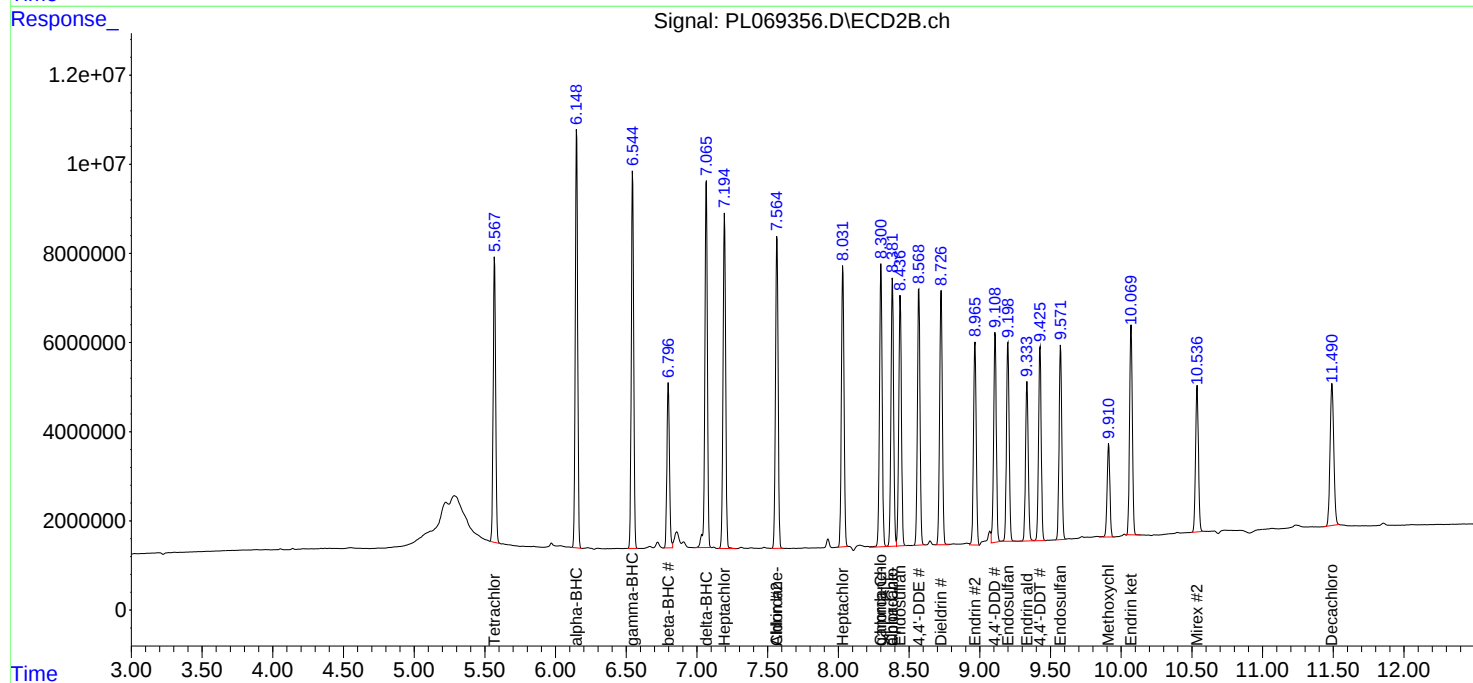
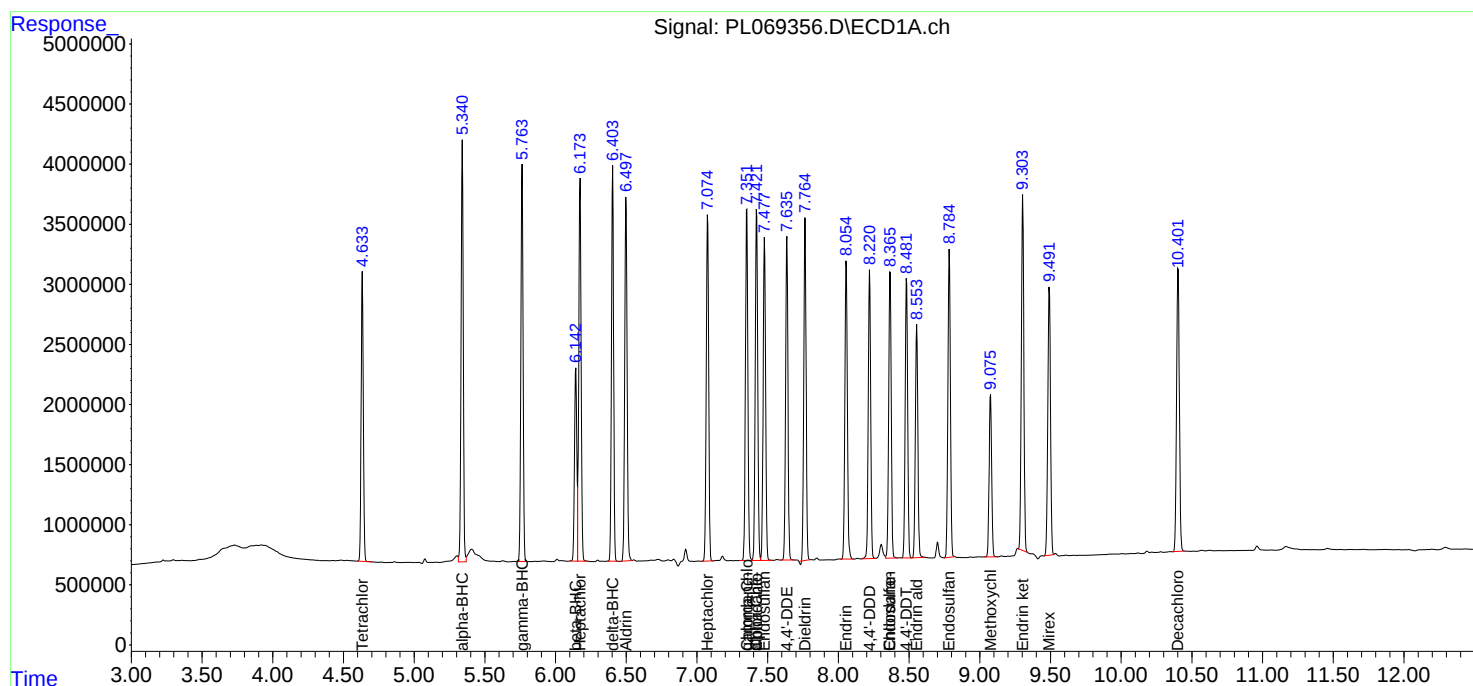
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

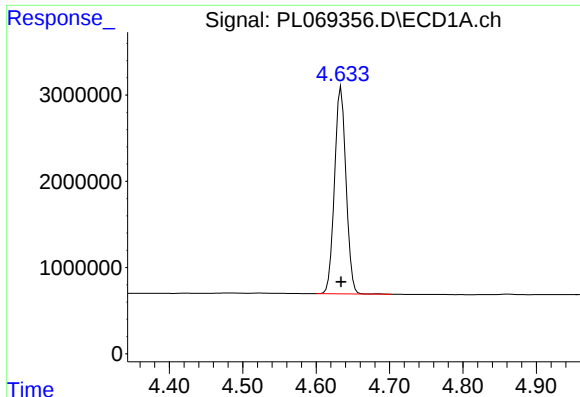
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082221\  
 Data File : PL069356.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Aug 2021 02:38  
 Operator : AR\AJ  
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 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
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 Quant Time: Aug 23 07:40:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082021.M  
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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

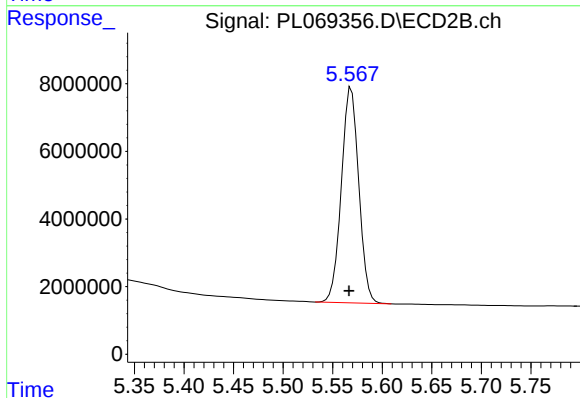




#1 Tetrachloro-m-xylene

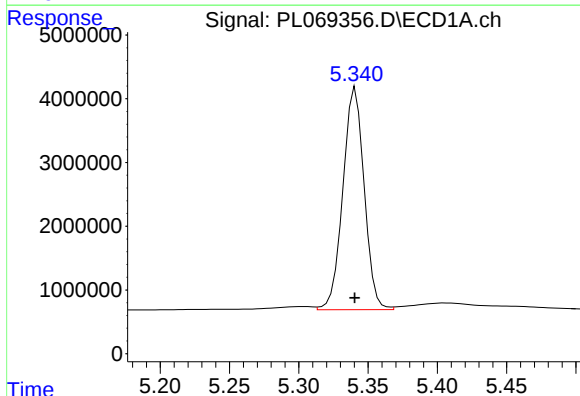
R.T.: 4.634 min  
Delta R.T.: 0.000 min  
Response: 26120795  
Conc: 56.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



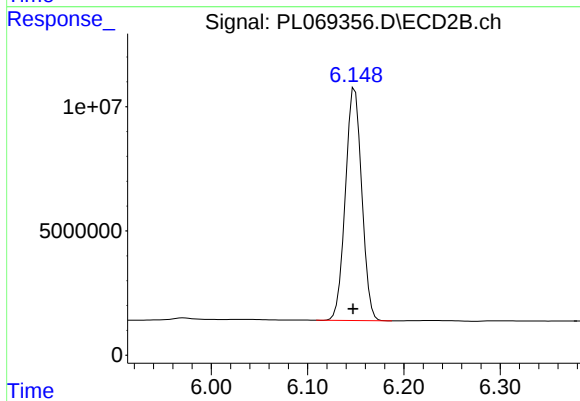
#1 Tetrachloro-m-xylene

R.T.: 5.569 min  
Delta R.T.: 0.002 min  
Response: 77812370  
Conc: 54.32 ng/ml



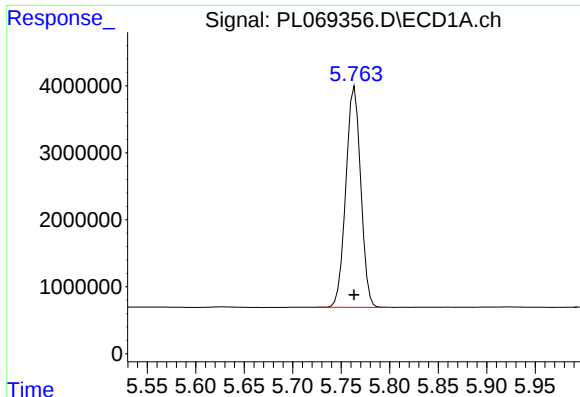
#2 alpha-BHC

R.T.: 5.341 min  
Delta R.T.: 0.000 min  
Response: 37352282  
Conc: 58.35 ng/ml



#2 alpha-BHC

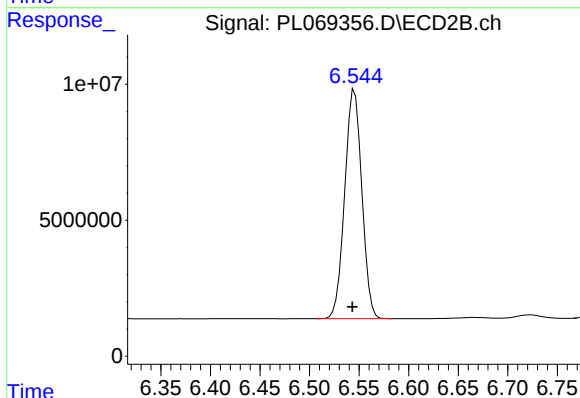
R.T.: 6.149 min  
Delta R.T.: 0.002 min  
Response: 110064870  
Conc: 56.27 ng/ml



#3 gamma-BHC (Lindane)

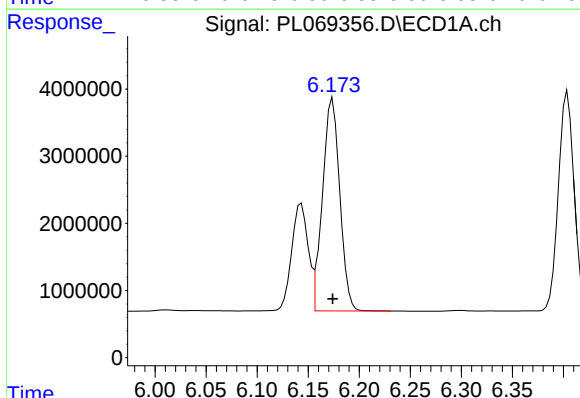
R.T.: 5.764 min  
Delta R.T.: 0.000 min  
Response: 35210555  
Conc: 55.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



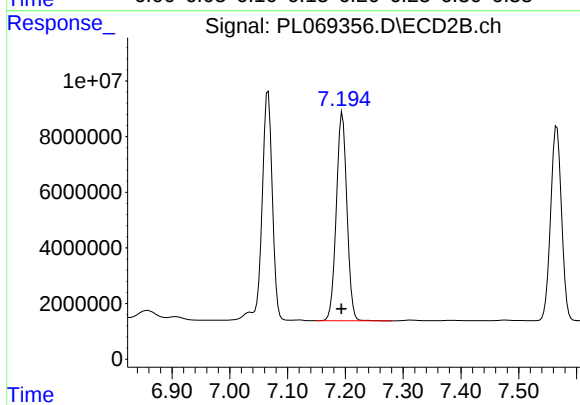
#3 gamma-BHC (Lindane)

R.T.: 6.545 min  
Delta R.T.: 0.002 min  
Response: 101273956  
Conc: 55.19 ng/ml



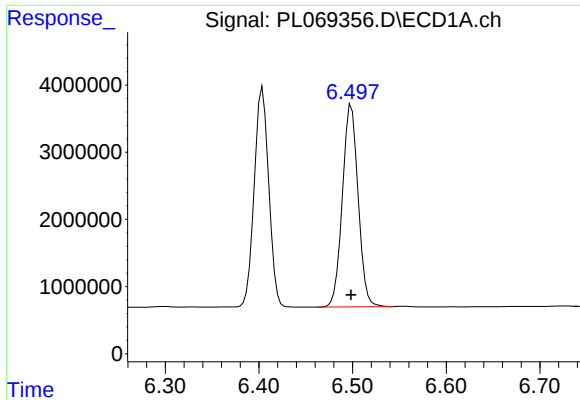
#4 Heptachlor

R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 37231283  
Conc: 53.76 ng/ml



#4 Heptachlor

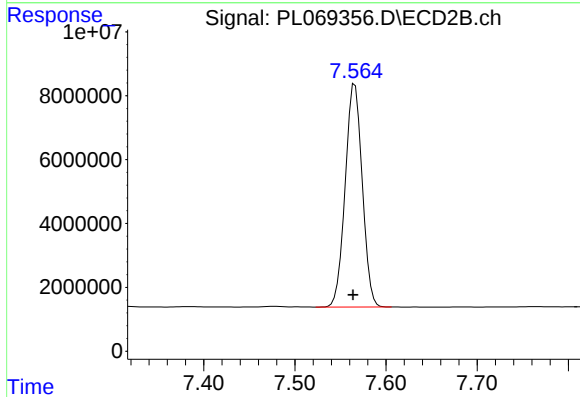
R.T.: 7.195 min  
Delta R.T.: 0.002 min  
Response: 95651052  
Conc: 52.49 ng/ml



#5 Aldrin

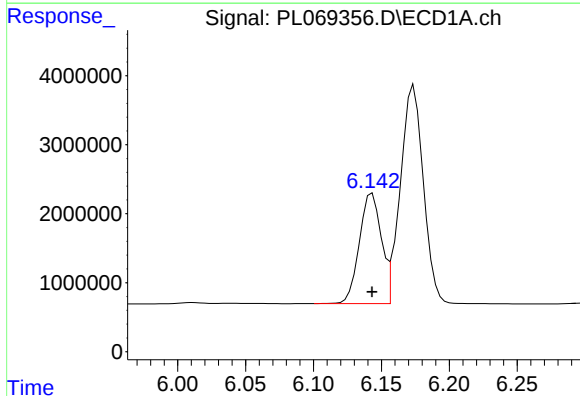
R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 35206854  
Conc: 57.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



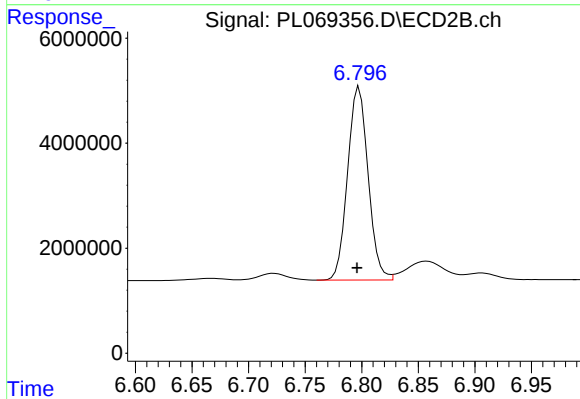
#5 Aldrin

R.T.: 7.566 min  
Delta R.T.: 0.002 min  
Response: 90837687  
Conc: 54.65 ng/ml



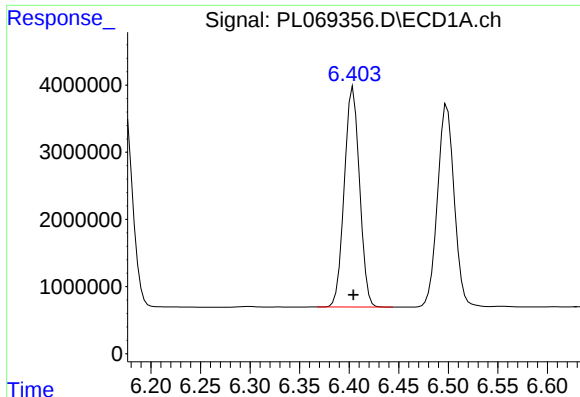
#6 beta-BHC

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 17946464  
Conc: 57.26 ng/ml



#6 beta-BHC

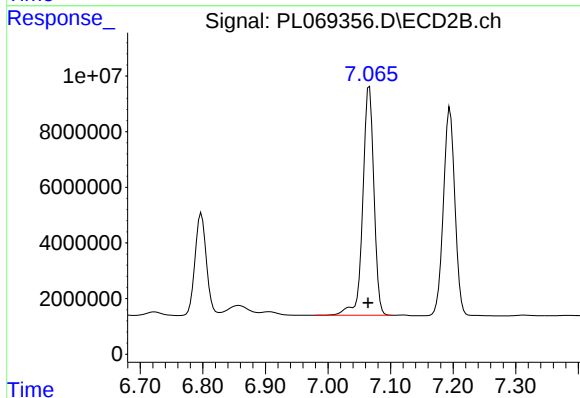
R.T.: 6.798 min  
Delta R.T.: 0.002 min  
Response: 46449966  
Conc: 49.43 ng/ml



#7 delta-BHC

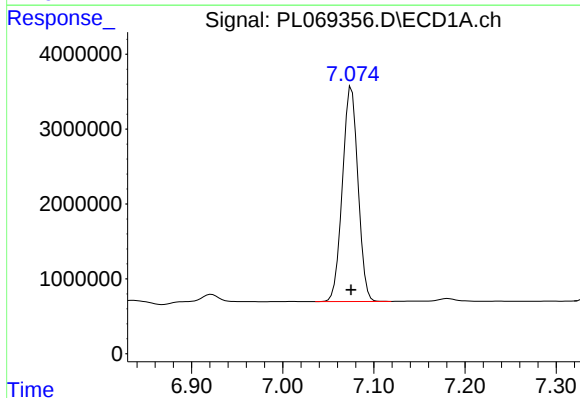
R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 35063318  
Conc: 56.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



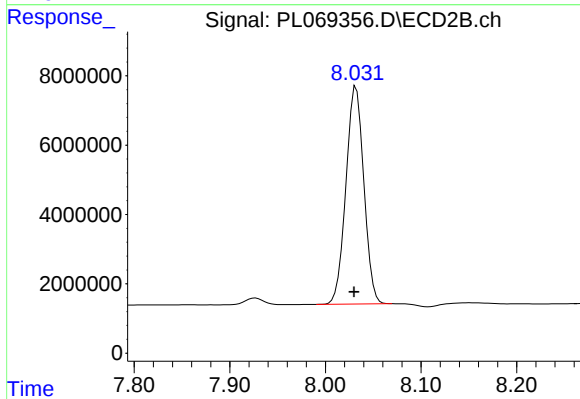
#7 delta-BHC

R.T.: 7.066 min  
Delta R.T.: 0.002 min  
Response: 102037139  
Conc: 55.25 ng/ml



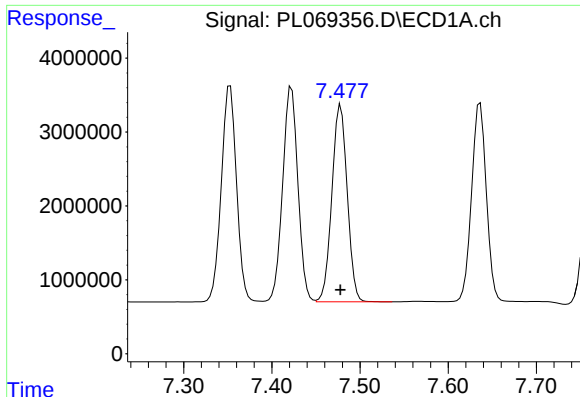
#8 Heptachlor epoxide

R.T.: 7.075 min  
Delta R.T.: 0.000 min  
Response: 34055633  
Conc: 54.86 ng/ml



#8 Heptachlor epoxide

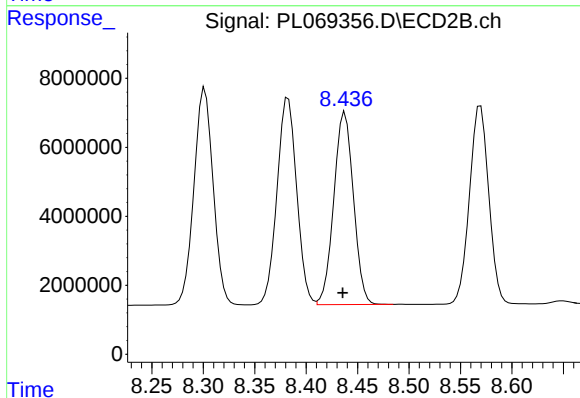
R.T.: 8.032 min  
Delta R.T.: 0.002 min  
Response: 82144506  
Conc: 54.61 ng/ml



#9 Endosulfan I

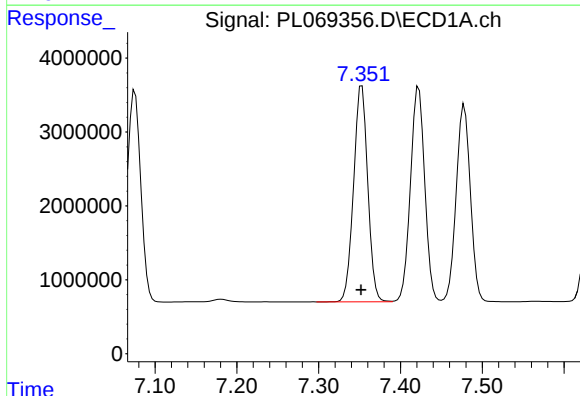
R.T.: 7.478 min  
Delta R.T.: 0.000 min  
Response: 32284588  
Conc: 54.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



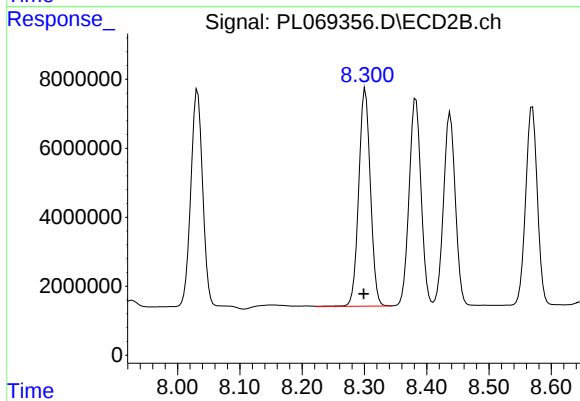
#9 Endosulfan I

R.T.: 8.438 min  
Delta R.T.: 0.002 min  
Response: 74043796  
Conc: 53.53 ng/ml



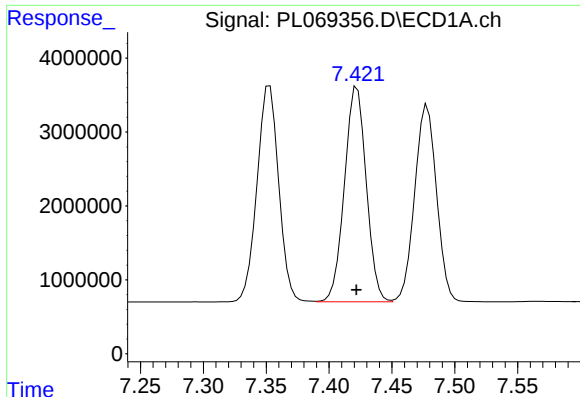
#10 gamma-Chlordane

R.T.: 7.353 min  
Delta R.T.: 0.001 min  
Response: 35140866  
Conc: 54.90 ng/ml



#10 gamma-Chlordane

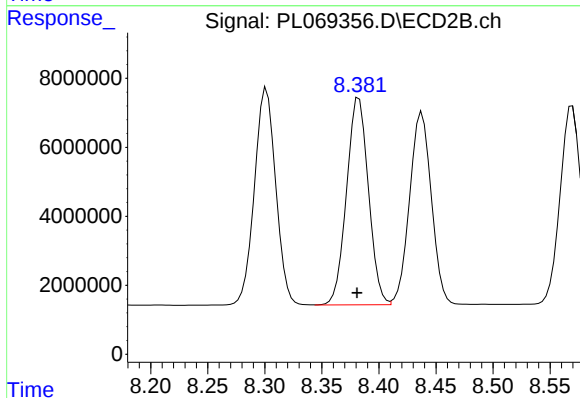
R.T.: 8.302 min  
Delta R.T.: 0.003 min  
Response: 82495507  
Conc: 53.63 ng/ml



#11 alpha-Chlordane

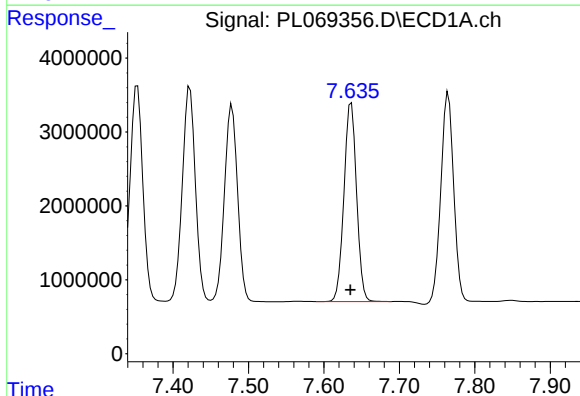
R.T.: 7.422 min  
Delta R.T.: 0.000 min  
Response: 35138100  
Conc: 53.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



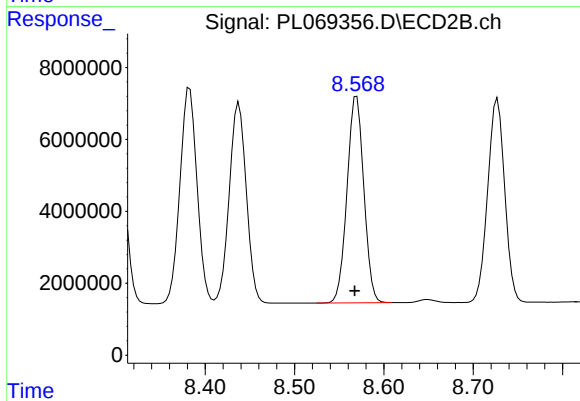
#11 alpha-Chlordane

R.T.: 8.383 min  
Delta R.T.: 0.002 min  
Response: 80201354  
Conc: 53.68 ng/ml



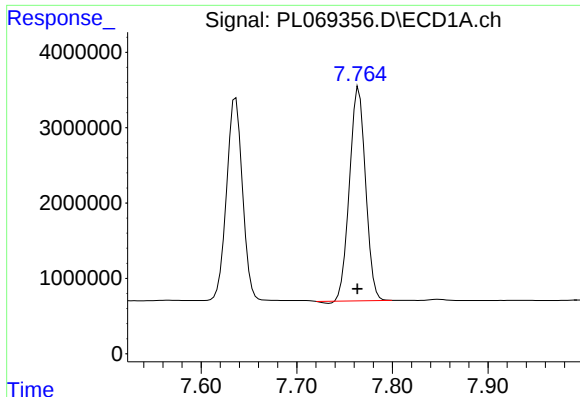
#12 4,4'-DDE

R.T.: 7.636 min  
Delta R.T.: 0.000 min  
Response: 31255467  
Conc: 55.26 ng/ml



#12 4,4'-DDE

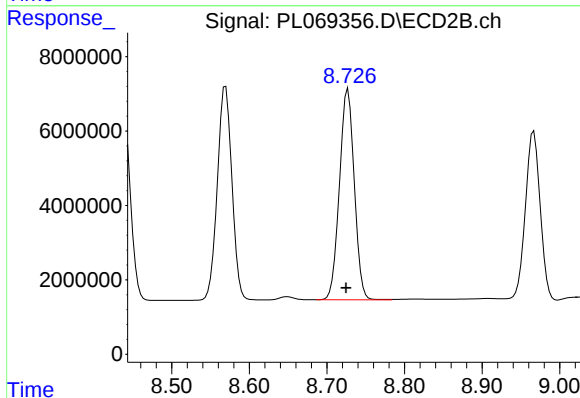
R.T.: 8.570 min  
Delta R.T.: 0.002 min  
Response: 75060965  
Conc: 53.66 ng/ml



#13 Dieldrin

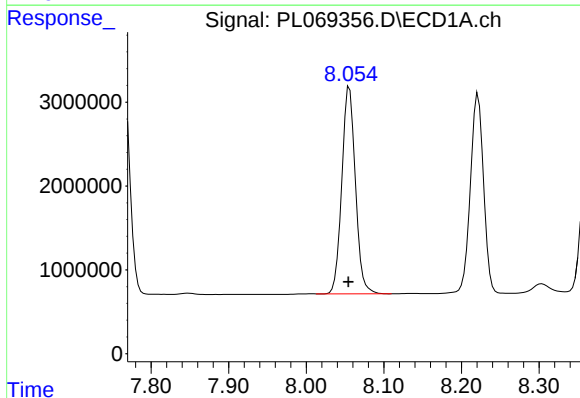
R.T.: 7.765 min  
Delta R.T.: 0.001 min  
Response: 33139565  
Conc: 54.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



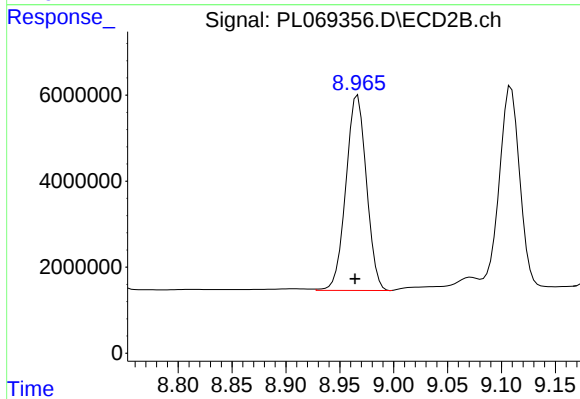
#13 Dieldrin

R.T.: 8.727 min  
Delta R.T.: 0.003 min  
Response: 75322615  
Conc: 53.64 ng/ml



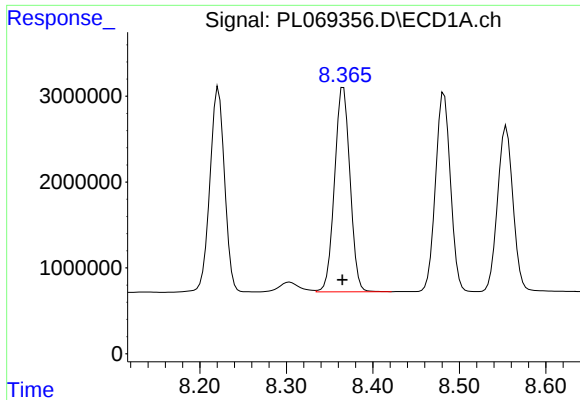
#14 Endrin

R.T.: 8.056 min  
Delta R.T.: 0.001 min  
Response: 30128908  
Conc: 52.17 ng/ml



#14 Endrin

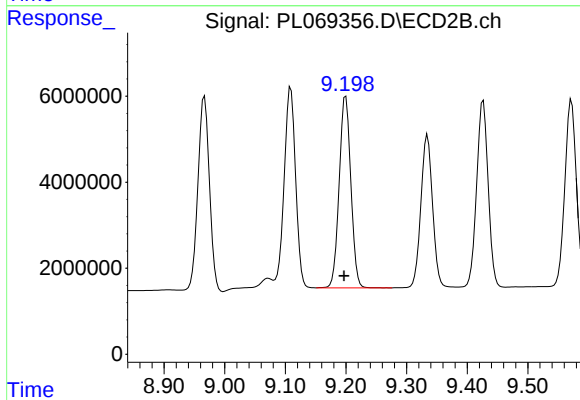
R.T.: 8.967 min  
Delta R.T.: 0.003 min  
Response: 60296450  
Conc: 51.37 ng/ml



#15 Endosulfan II

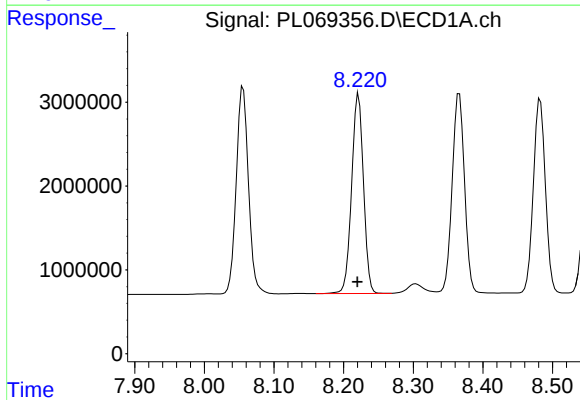
R.T.: 8.366 min  
Delta R.T.: 0.001 min  
Response: 29476480  
Conc: 53.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



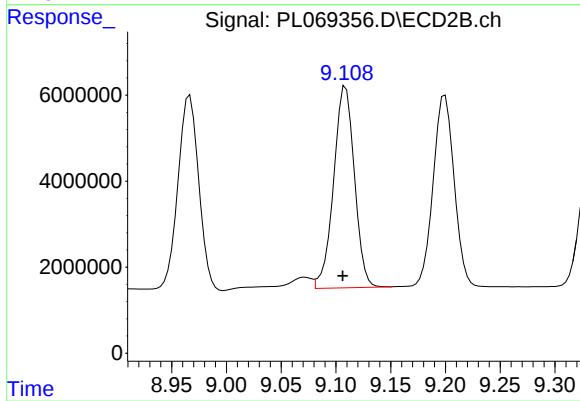
#15 Endosulfan II

R.T.: 9.200 min  
Delta R.T.: 0.003 min  
Response: 59429530  
Conc: 50.22 ng/ml



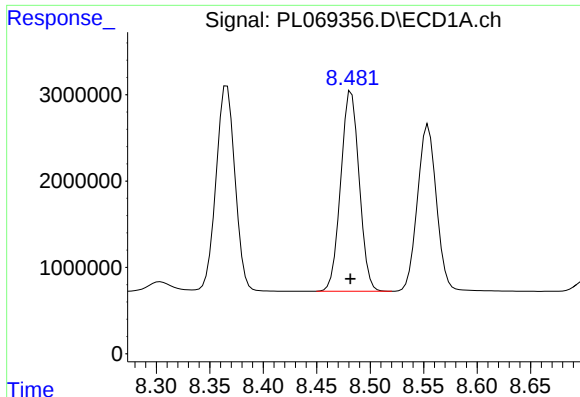
#16 4,4'-DDD

R.T.: 8.221 min  
Delta R.T.: 0.002 min  
Response: 28189639  
Conc: 55.43 ng/ml



#16 4,4'-DDD

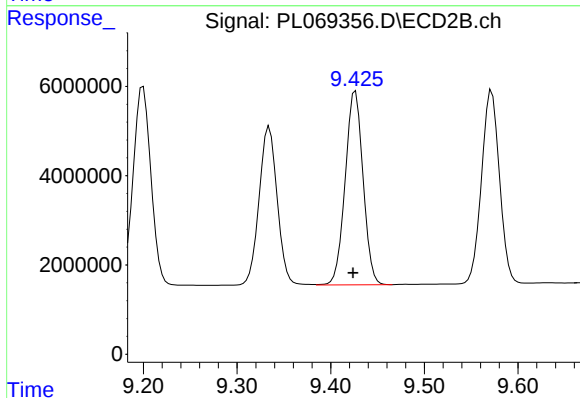
R.T.: 9.109 min  
Delta R.T.: 0.003 min  
Response: 62061337  
Conc: 50.60 ng/ml



#17 4,4'-DDT

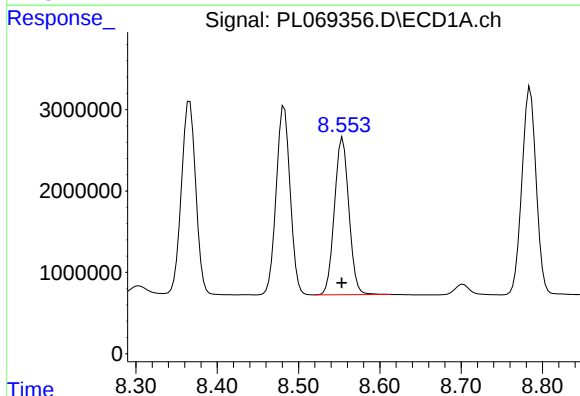
R.T.: 8.482 min  
Delta R.T.: 0.000 min  
Response: 27854734  
Conc: 48.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



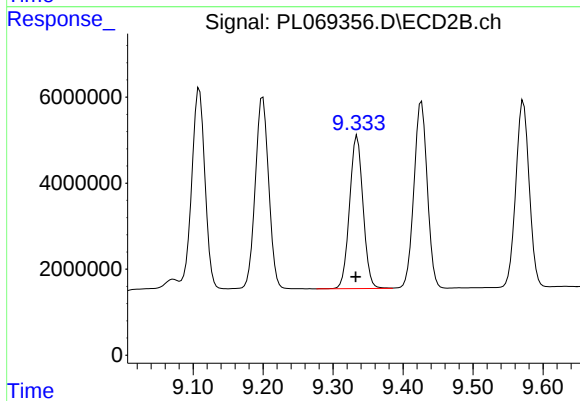
#17 4,4'-DDT

R.T.: 9.426 min  
Delta R.T.: 0.002 min  
Response: 57518420  
Conc: 46.95 ng/ml



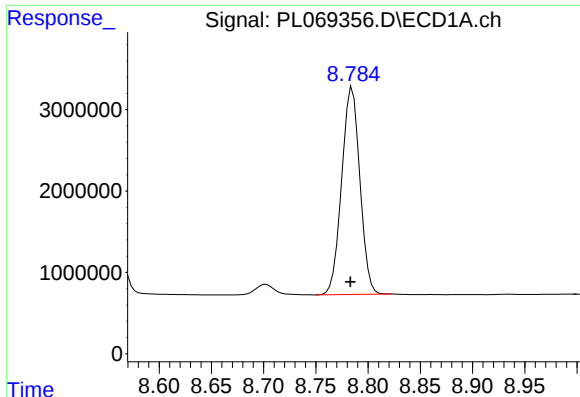
#18 Endrin aldehyde

R.T.: 8.554 min  
Delta R.T.: 0.001 min  
Response: 23827437  
Conc: 52.53 ng/ml



#18 Endrin aldehyde

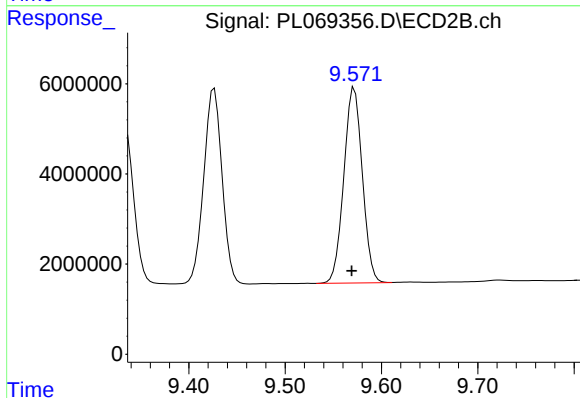
R.T.: 9.334 min  
Delta R.T.: 0.002 min  
Response: 47587407  
Conc: 50.03 ng/ml



#19 Endosulfan Sulfate

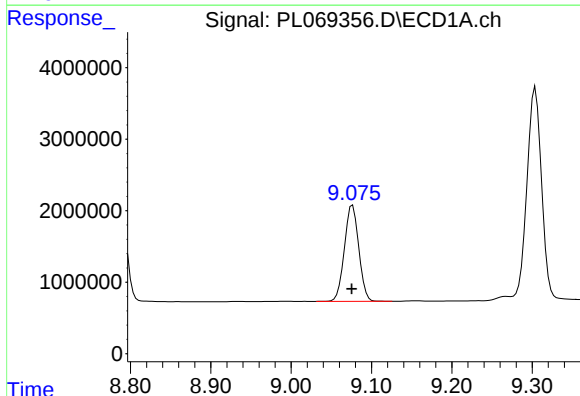
R.T.: 8.785 min  
Delta R.T.: 0.002 min  
Response: 30857143  
Conc: 51.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



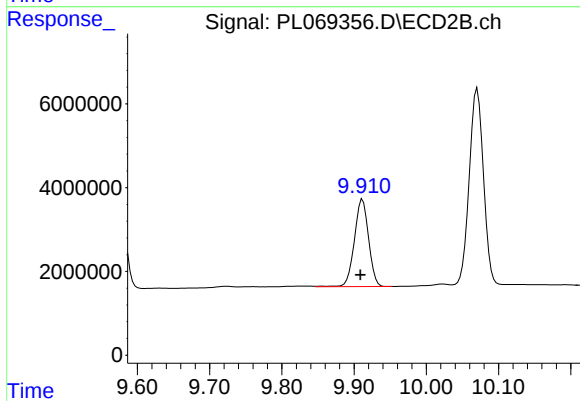
#19 Endosulfan Sulfate

R.T.: 9.572 min  
Delta R.T.: 0.003 min  
Response: 57745817  
Conc: 50.83 ng/ml



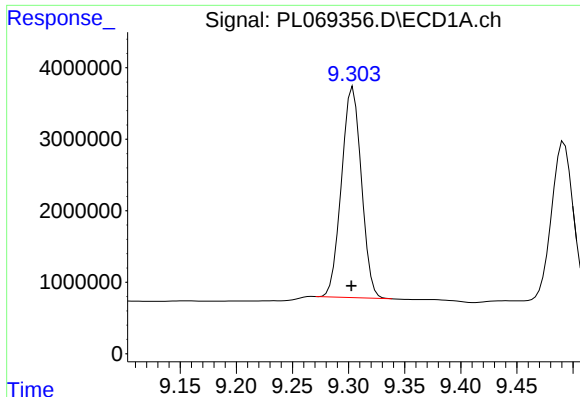
#20 Methoxychlor

R.T.: 9.076 min  
Delta R.T.: 0.001 min  
Response: 16728754  
Conc: 44.66 ng/ml



#20 Methoxychlor

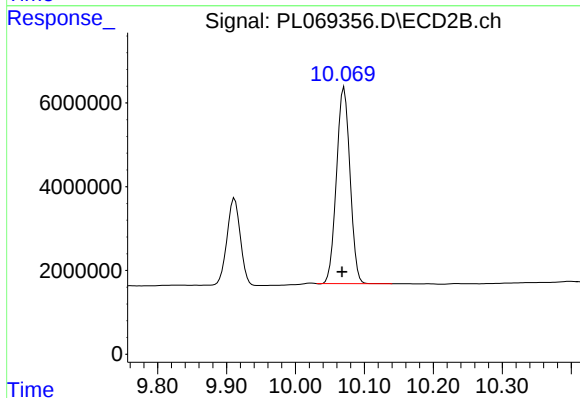
R.T.: 9.912 min  
Delta R.T.: 0.003 min  
Response: 28443158  
Conc: 44.30 ng/ml



#21 Endrin ketone

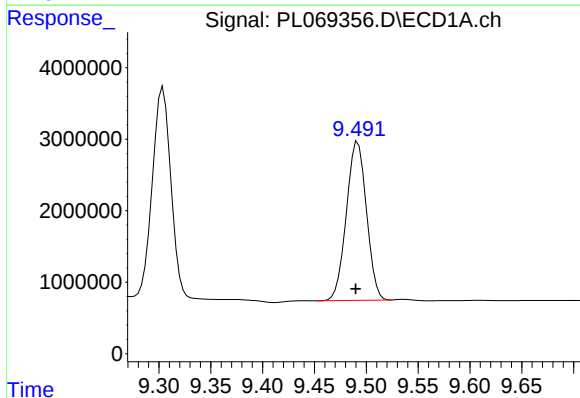
R.T.: 9.304 min  
Delta R.T.: 0.002 min  
Response: 36299445  
Conc: 52.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



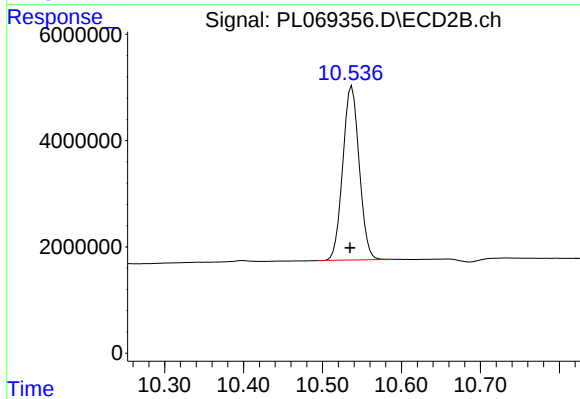
#21 Endrin ketone

R.T.: 10.071 min  
Delta R.T.: 0.003 min  
Response: 63824496  
Conc: 49.33 ng/ml



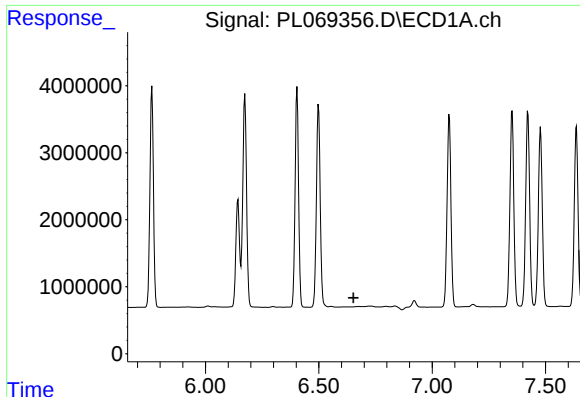
#22 Mirex

R.T.: 9.492 min  
Delta R.T.: 0.002 min  
Response: 29939157  
Conc: 50.34 ng/ml



#22 Mirex

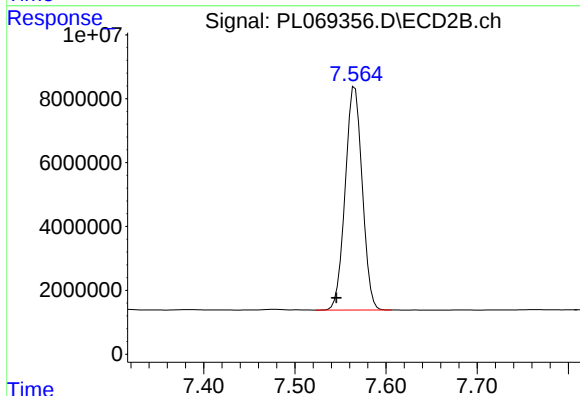
R.T.: 10.537 min  
Delta R.T.: 0.002 min  
Response: 47461153  
Conc: 50.64 ng/ml



#24 Chlordane-2

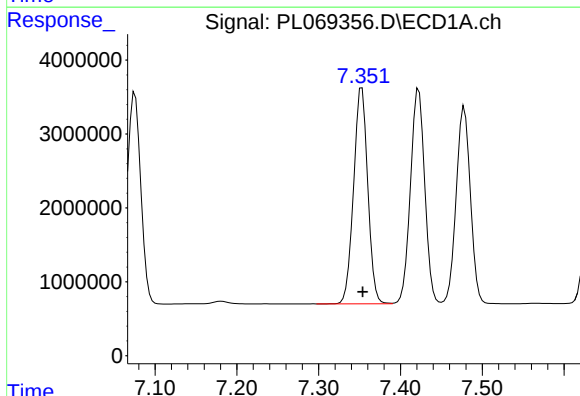
R.T.: 0.000 min  
Exp R.T.: 6.653 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



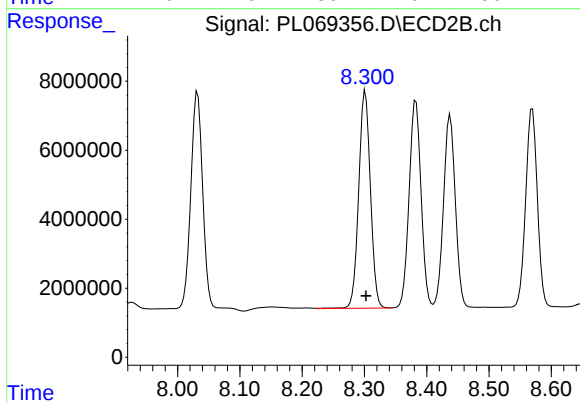
#24 Chlordane-2

R.T.: 7.566 min  
Delta R.T.: 0.020 min  
Response: 90837687  
Conc: 1585.65 ng/ml



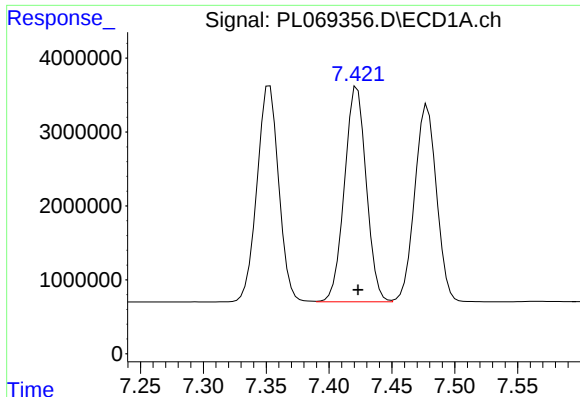
#25 Chlordane-3

R.T.: 7.353 min  
Delta R.T.: -0.001 min  
Response: 35140866  
Conc: 540.77 ng/ml



#25 Chlordane-3

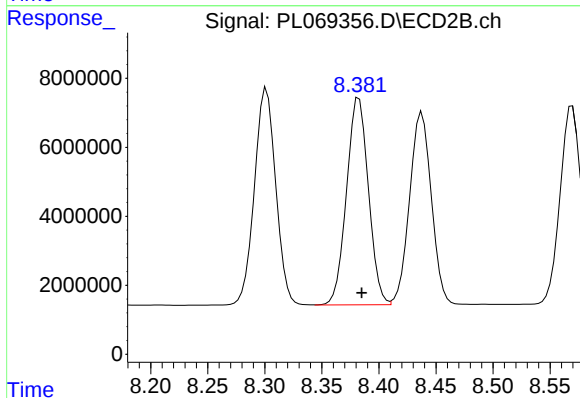
R.T.: 8.302 min  
Delta R.T.: 0.000 min  
Response: 82495507  
Conc: 385.23 ng/ml



#26 Chlordane-4

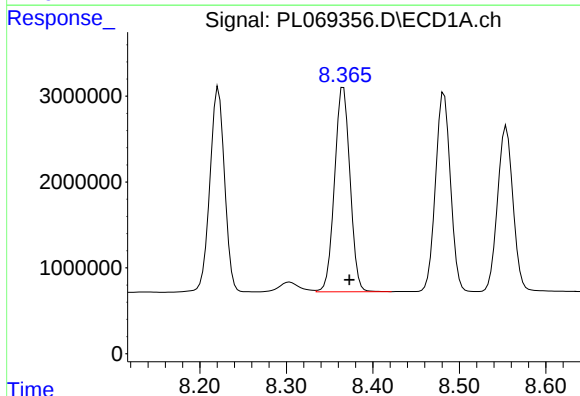
R.T.: 7.422 min  
Delta R.T.: 0.000 min  
Response: 35138100  
Conc: 503.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



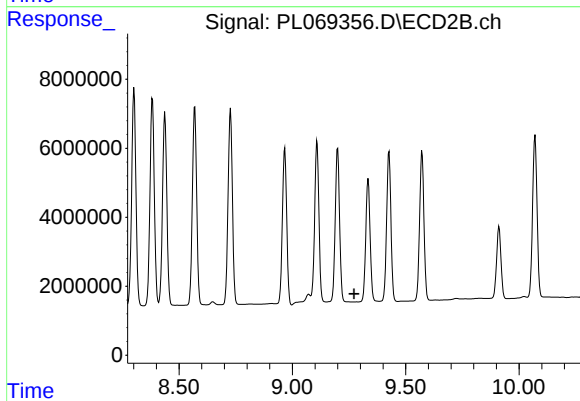
#26 Chlordane-4

R.T.: 8.383 min  
Delta R.T.: -0.002 min  
Response: 80201354  
Conc: 311.60 ng/ml



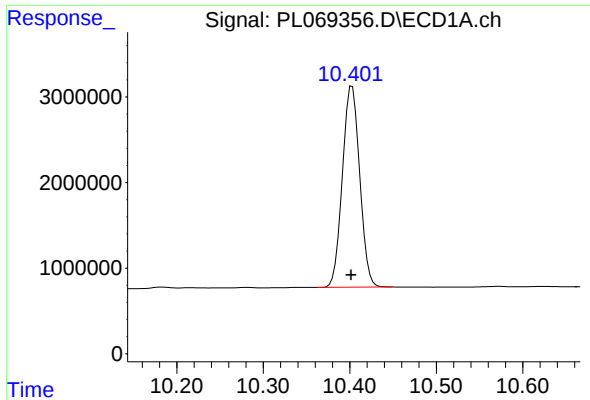
#27 Chlordane-5

R.T.: 8.366 min  
Delta R.T.: -0.007 min  
Response: 29476480  
Conc: 1155.74 ng/ml



#27 Chlordane-5

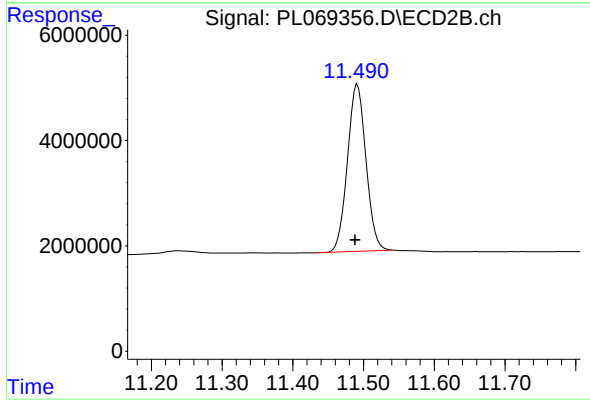
R.T.: 0.000 min  
Exp R.T.: 9.273 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.403 min  
Delta R.T.: 0.001 min  
Response: 32501245  
Conc: 48.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.492 min  
Delta R.T.: 0.003 min  
Response: 57759057  
Conc: 47.13 ng/ml