

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082721\  
 Data File : PL069522.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Aug 2021 14:22  
 Operator : AR\AJ  
 Sample : M3463-15RE  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SWCS-16-0204

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 27 23:45:40 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... | 4.635  | 5.568   | 9222445  | 26870471 | 19.989  | 18.758    |
| 28)                         | SA Decachlor... | 10.403 | 11.493  | 9848766  | 21024959 | 14.592  | 17.155    |
| Target Compounds            |                 |        |         |          |          |         |           |
| 2)                          | A alpha-BHC     | 5.338  | 0.000   | 3654577  | 0        | 5.709   | N.D. #    |
| 4)                          | MA Heptachlor   | 6.189f | 0.000   | 513949   | 0        | 0.742   | N.D. #    |
| 5)                          | MB Aldrin       | 6.494  | 7.540f  | 10153162 | 2926128  | 16.455  | 1.761 #   |
| 7)                          | B delta-BHC     | 6.415  | 0.000   | 826939   | 0        | 1.330   | N.D. #    |
| 8)                          | B Heptachlo...  | 7.061  | 8.029   | 805569   | 32699259 | 1.298   | 21.738 #  |
| 9)                          | A Endosulfan I  | 0.000  | 8.424   | 0        | 3140511  | N.D.    | 2.271 #   |
| 10)                         | B gamma-Chl...  | 7.338  | 8.273f  | 23460821 | 85576841 | 36.655  | 55.630 #  |
| 11)                         | B alpha-Chl...  | 7.415  | 8.385   | 8416608  | 11879452 | 12.917  | 7.951 #   |
| 12)                         | B 4,4'-DDE      | 7.635  | 8.567   | 860489   | 28715857 | 1.521   | 20.528 #  |
| 13)                         | MA Dieldrin     | 7.774  | 8.723   | 18417982 | 9886960  | 30.331  | 7.041 #   |
| 14)                         | MA Endrin       | 8.072f | 8.964   | 3269620  | 55676728 | 5.661   | 47.436 #  |
| 15)                         | B Endosulfa...  | 8.359  | 9.179f  | 11694831 | -2492558 | 21.048  | N.D. #    |
| 16)                         | A 4,4'-DDD      | 0.000  | 9.110   | 0        | 30909294 | N.D.    | 25.199 #  |
| 17)                         | MA 4,4'-DDT     | 8.476  | 9.396f  | 30480038 | 70311442 | 52.953  | 57.390    |
| 18)                         | B Endrin al...  | 8.580f | 9.334   | 1225068  | 7310122  | 2.701   | 7.685 #   |
| 19)                         | B Endosulfa...  | 8.787  | 0.000   | 1441373  | 0        | 2.428   | N.D. #    |
| 20)                         | A Methoxychlor  | 9.050f | 0.000   | 5143898  | 0        | 13.734  | N.D. #    |
| 22)                         | Mirex           | 0.000  | 10.552f | 0        | 2211041  | N.D.    | 2.359 #   |
| 23)                         | Chlordane-1     | 5.964  | 6.976f  | 900011   | 8098550  | 50.830  | 143.055 # |
| 24)                         | Chlordane-2     | 6.654  | 7.540   | 1804956  | 2926128  | 70.712  | 51.078 #  |
| 25)                         | Chlordane-3     | 7.338f | 8.326f  | 23460821 | 25208272 | 361.030 | 117.715 # |
| 26)                         | Chlordane-4     | 7.415  | 8.385   | 8416608  | 11879452 | 120.616 | 46.155 #  |
| 27)                         | Chlordane-5     | 8.359  | 9.296f  | 11694831 | 4082204  | 458.543 | 91.514 #  |
| -----                       |                 |        |         |          |          |         |           |

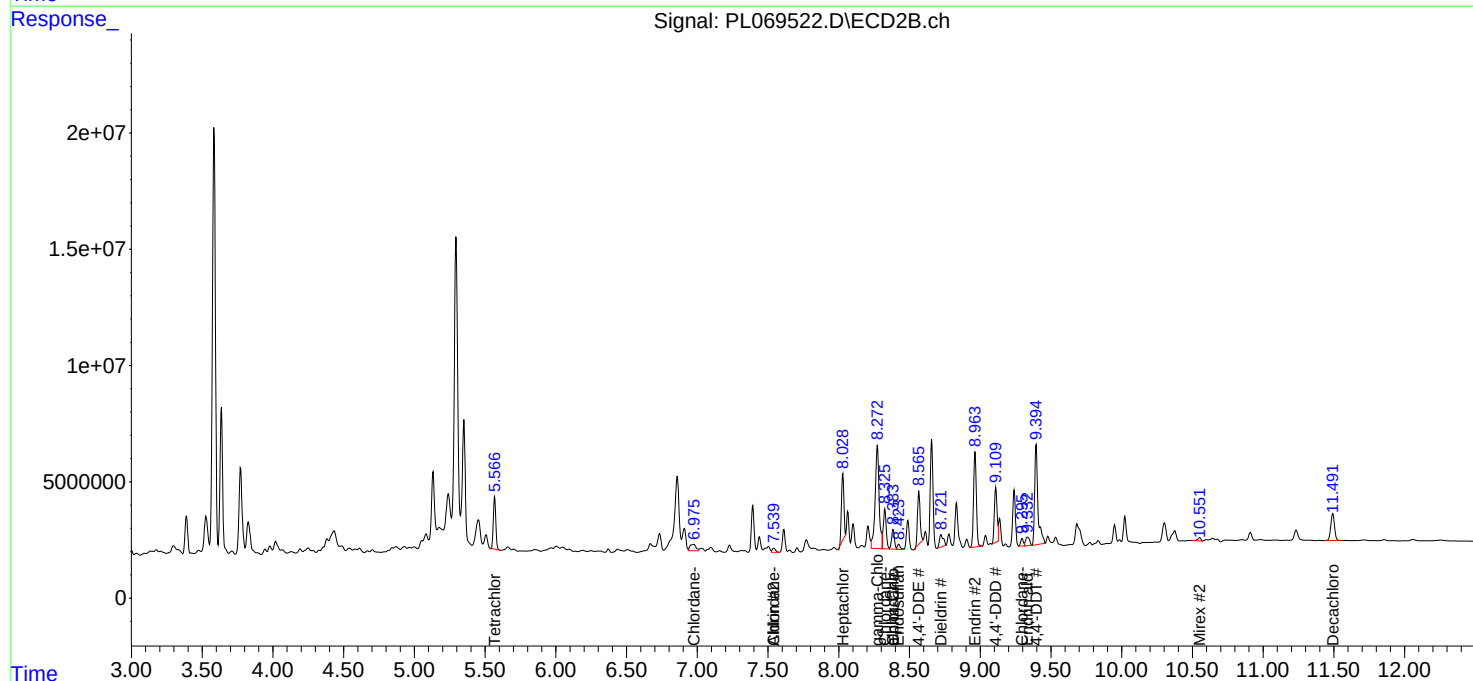
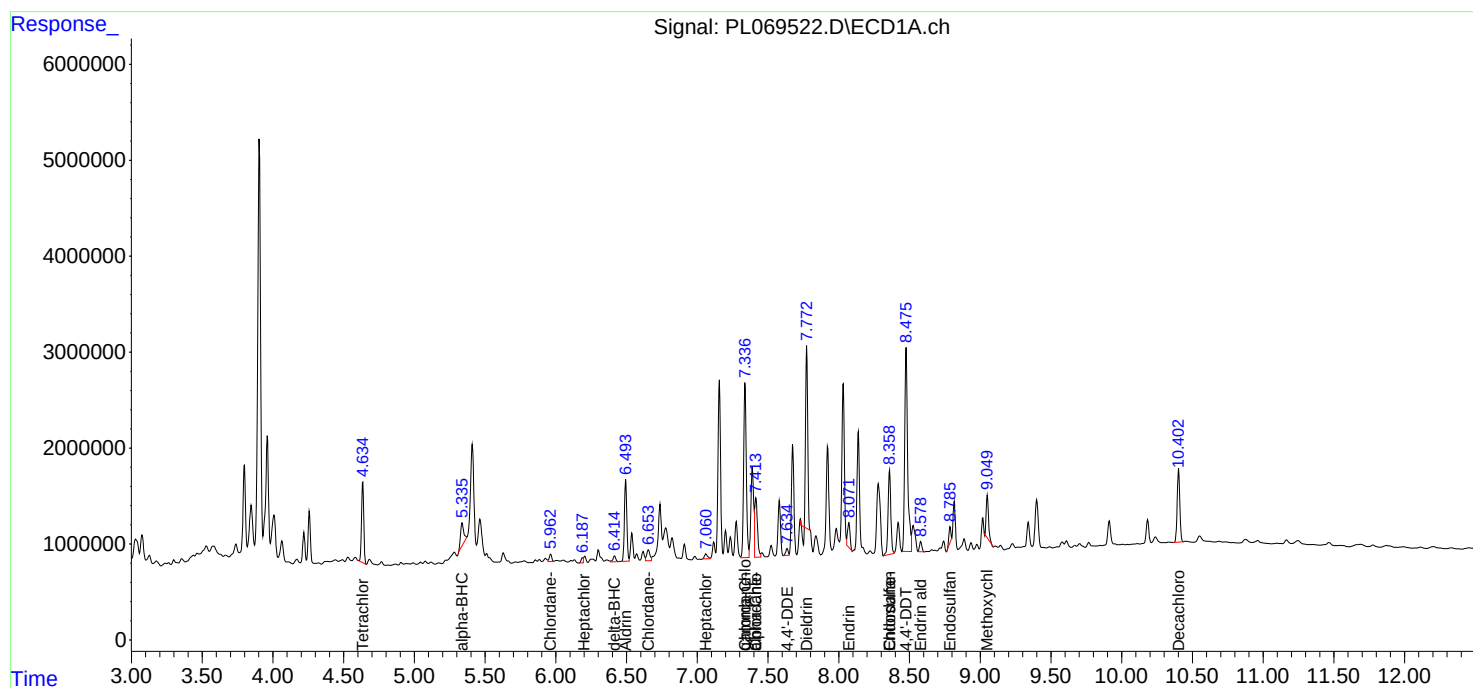
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

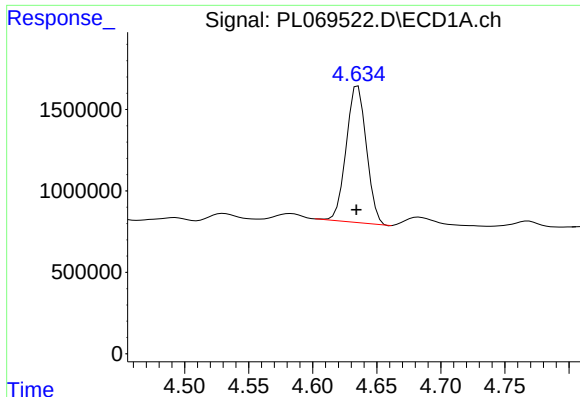
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082721\  
Data File : PL069522.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Aug 2021 14:22  
Operator : AR\AJ  
Sample : M3463-15RE  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
SWCS-16-0204

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 27 23:45:40 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

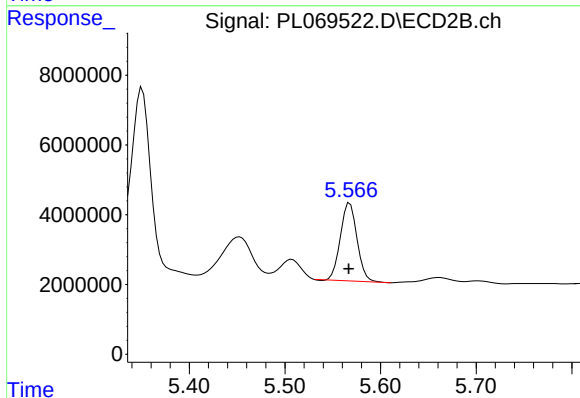




#1 Tetrachloro-m-xylene

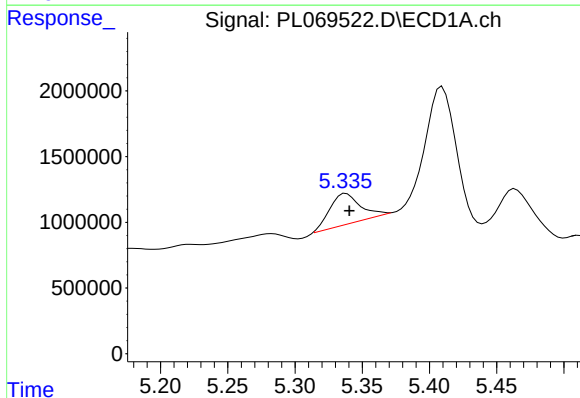
R.T.: 4.635 min  
Delta R.T.: 0.001 min  
Response: 9222445  
Conc: 19.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SWCS-16-0204



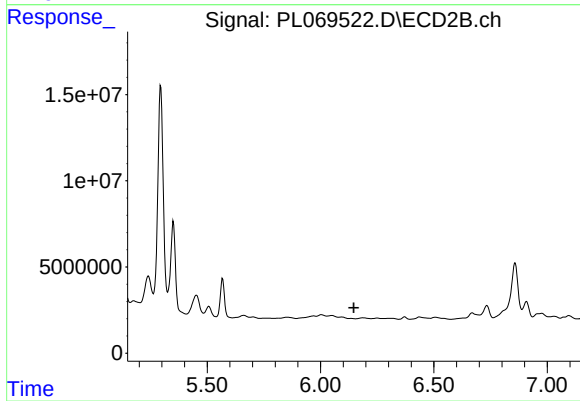
#1 Tetrachloro-m-xylene

R.T.: 5.568 min  
Delta R.T.: 0.001 min  
Response: 26870471  
Conc: 18.76 ng/ml



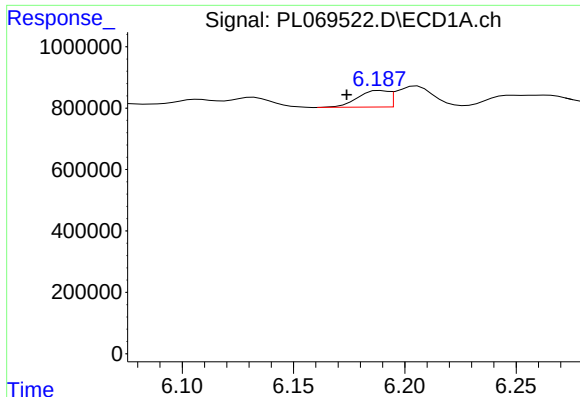
#2 alpha-BHC

R.T.: 5.338 min  
Delta R.T.: -0.002 min  
Response: 3654577  
Conc: 5.71 ng/ml



#2 alpha-BHC

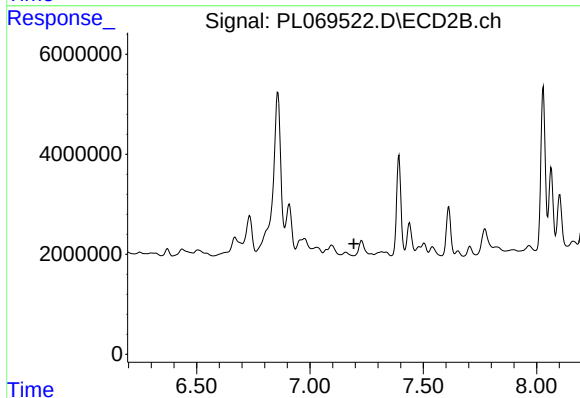
R.T.: 0.000 min  
Exp R.T.: 6.147 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

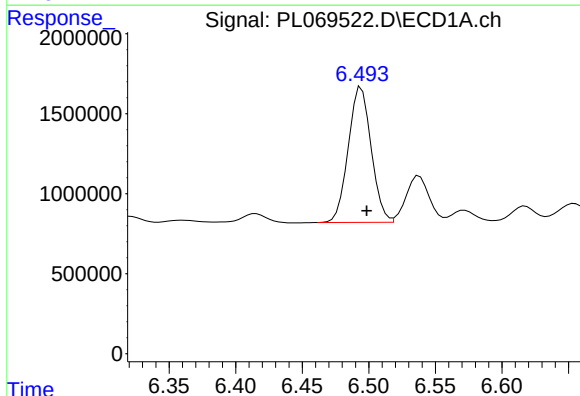
R.T.: 6.189 min  
Delta R.T.: 0.015 min  
Response: 513949  
Conc: 0.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SWCS-16-0204



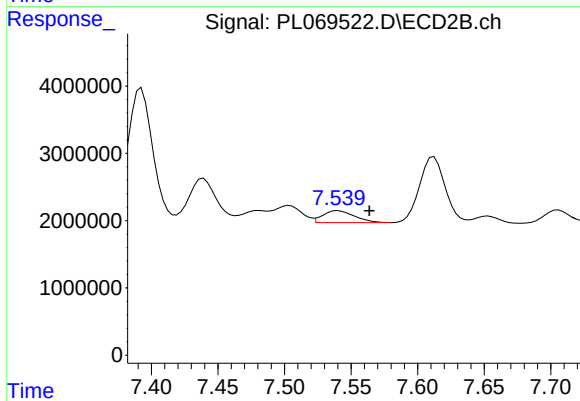
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 7.193 min  
Response: 0  
Conc: N.D.



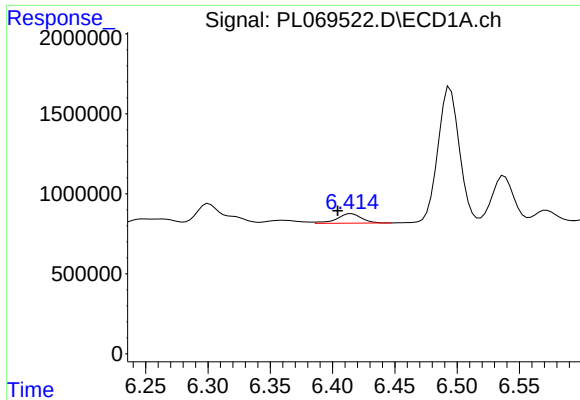
#5 Aldrin

R.T.: 6.494 min  
Delta R.T.: -0.004 min  
Response: 10153162  
Conc: 16.46 ng/ml



#5 Aldrin

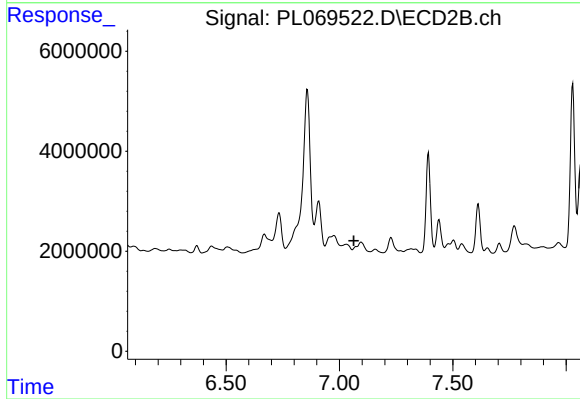
R.T.: 7.540 min  
Delta R.T.: -0.024 min  
Response: 2926128  
Conc: 1.76 ng/ml



#7 delta-BHC

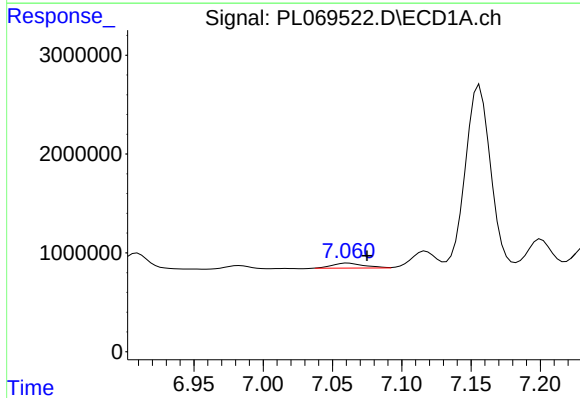
R.T.: 6.415 min  
Delta R.T.: 0.011 min  
Response: 826939  
Conc: 1.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SWCS-16-0204



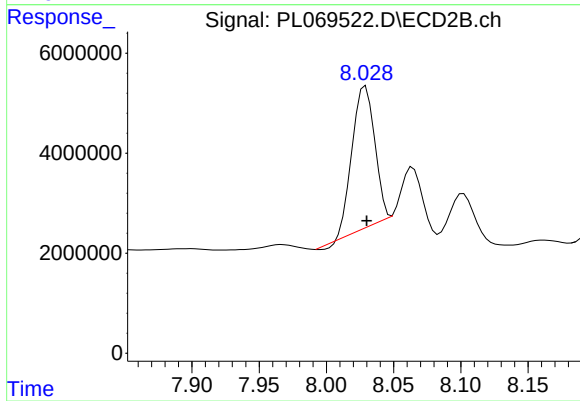
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 7.064 min  
Response: 0  
Conc: N.D.



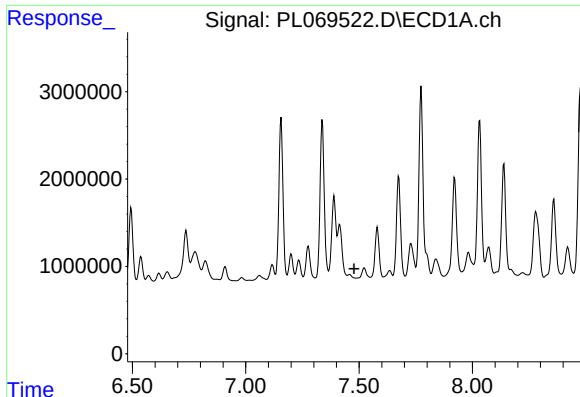
#8 Heptachlor epoxide

R.T.: 7.061 min  
Delta R.T.: -0.014 min  
Response: 805569  
Conc: 1.30 ng/ml



#8 Heptachlor epoxide

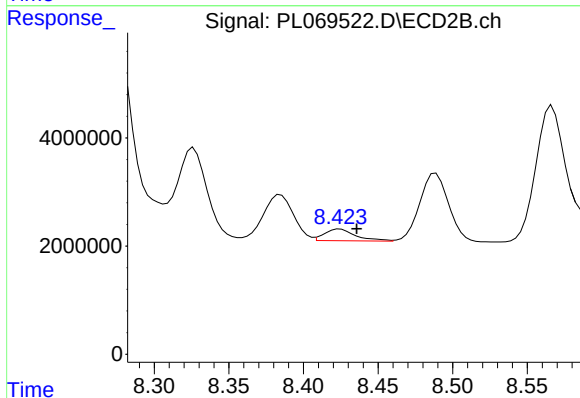
R.T.: 8.029 min  
Delta R.T.: 0.000 min  
Response: 32699259  
Conc: 21.74 ng/ml



#9 Endosulfan I

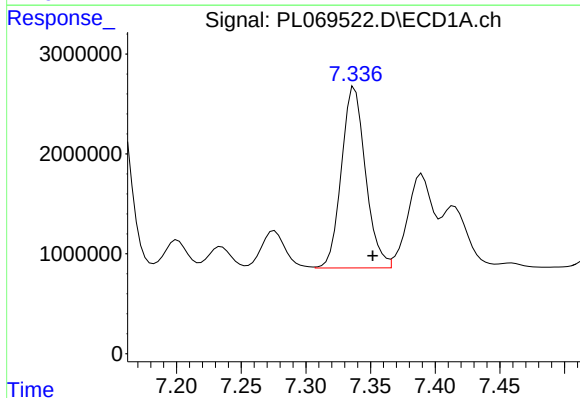
R.T.: 0.000 min  
Exp R.T.: 7.478 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SWCS-16-0204



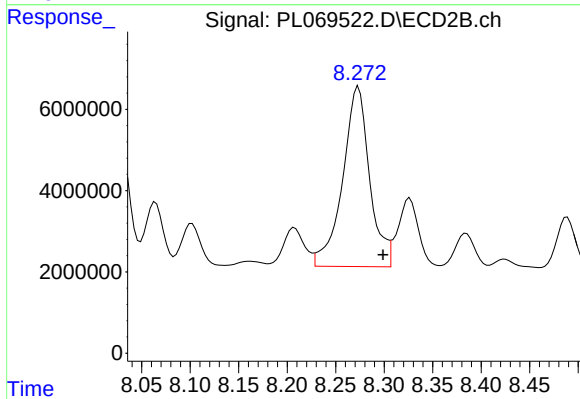
#9 Endosulfan I

R.T.: 8.424 min  
Delta R.T.: -0.011 min  
Response: 3140511  
Conc: 2.27 ng/ml



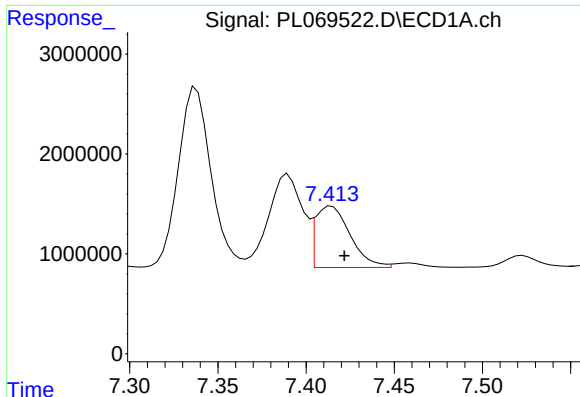
#10 gamma-Chlordane

R.T.: 7.338 min  
Delta R.T.: -0.014 min  
Response: 23460821  
Conc: 36.65 ng/ml



#10 gamma-Chlordane

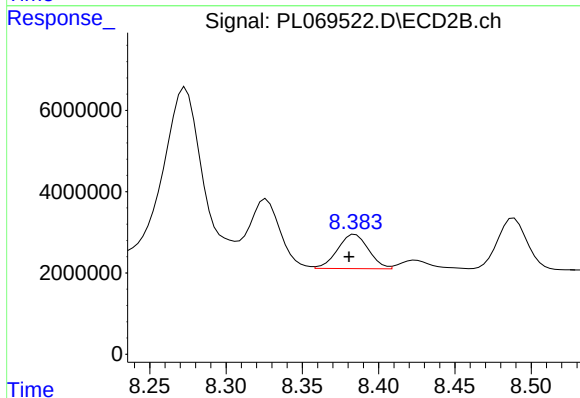
R.T.: 8.273 min  
Delta R.T.: -0.026 min  
Response: 85576841  
Conc: 55.63 ng/ml



#11 alpha-Chlordane

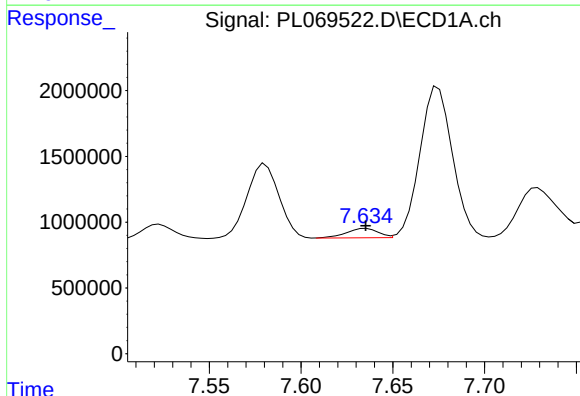
R.T.: 7.415 min  
Delta R.T.: -0.007 min  
Response: 8416608  
Conc: 12.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SWCS-16-0204



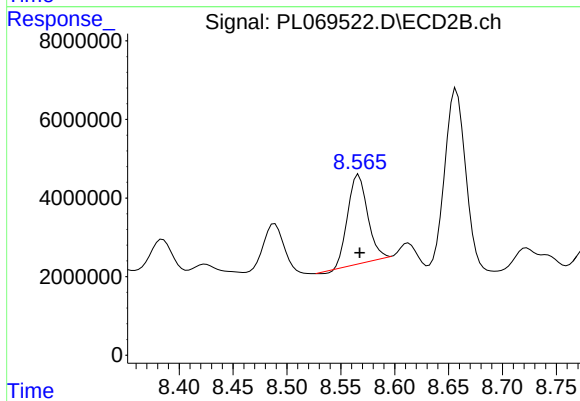
#11 alpha-Chlordane

R.T.: 8.385 min  
Delta R.T.: 0.004 min  
Response: 11879452  
Conc: 7.95 ng/ml



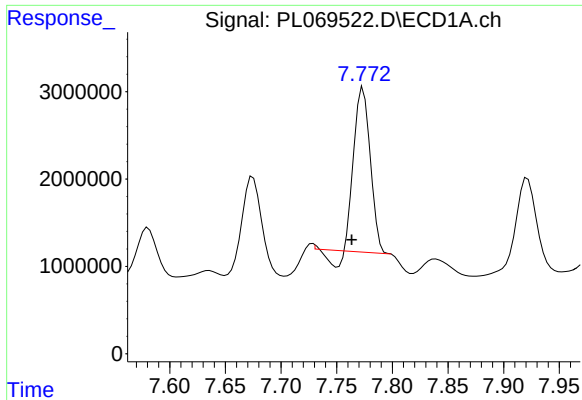
#12 4,4'-DDE

R.T.: 7.635 min  
Delta R.T.: 0.000 min  
Response: 860489  
Conc: 1.52 ng/ml



#12 4,4'-DDE

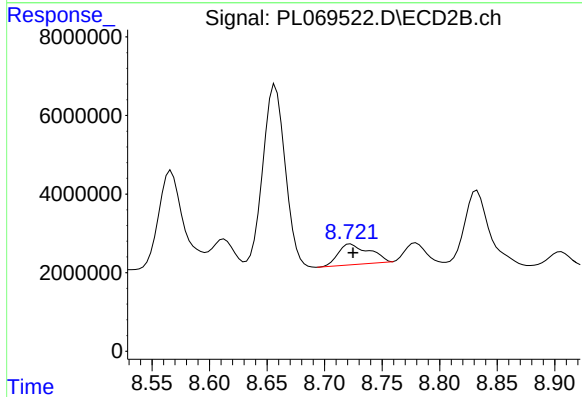
R.T.: 8.567 min  
Delta R.T.: 0.000 min  
Response: 28715857  
Conc: 20.53 ng/ml



#13 Dieldrin

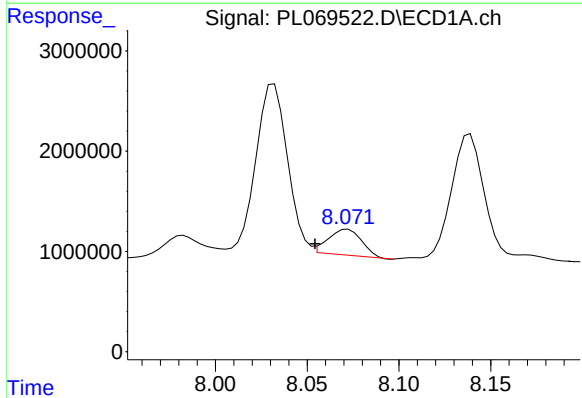
R.T.: 7.774 min  
Delta R.T.: 0.010 min  
Response: 18417982  
Conc: 30.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SWCS-16-0204



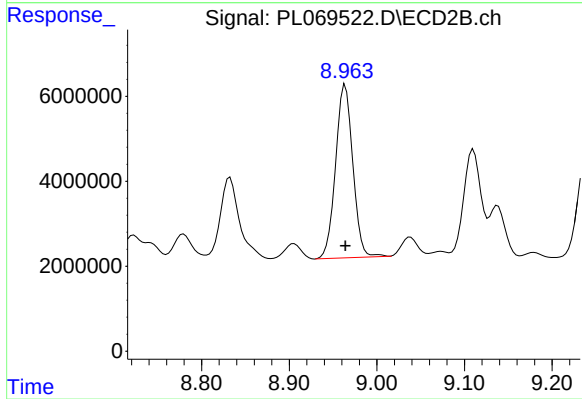
#13 Dieldrin

R.T.: 8.723 min  
Delta R.T.: -0.002 min  
Response: 9886960  
Conc: 7.04 ng/ml



#14 Endrin

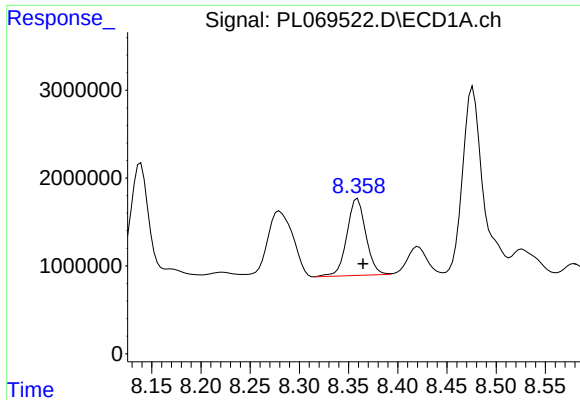
R.T.: 8.072 min  
Delta R.T.: 0.018 min  
Response: 3269620  
Conc: 5.66 ng/ml



#14 Endrin

R.T.: 8.964 min  
Delta R.T.: 0.000 min  
Response: 55676728  
Conc: 47.44 ng/ml

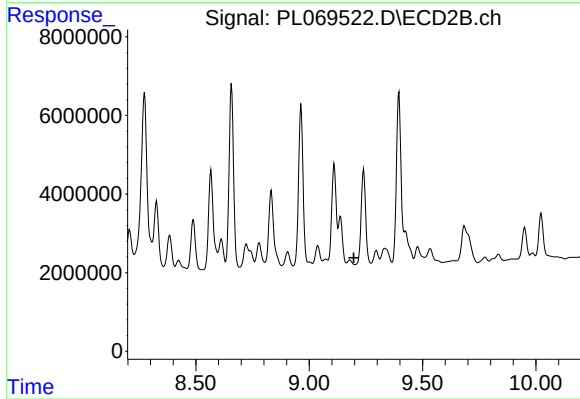




#15 Endosulfan II

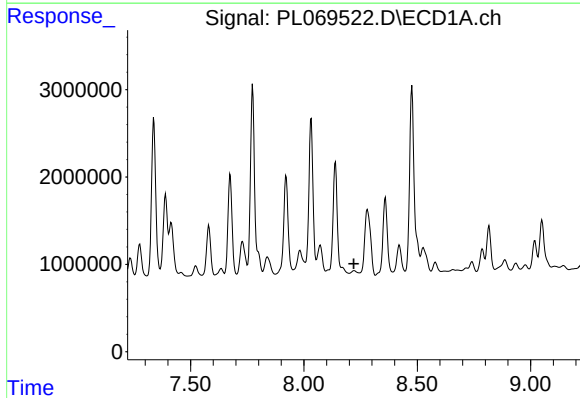
R.T.: 8.359 min  
Delta R.T.: -0.006 min  
Response: 11694831  
Conc: 21.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SWCS-16-0204



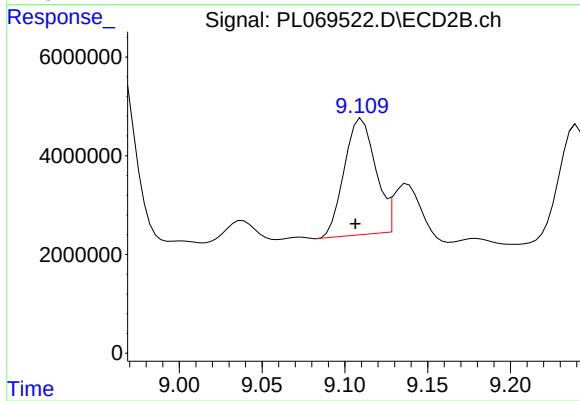
#15 Endosulfan II

R.T.: 9.179 min  
Delta R.T.: -0.017 min  
Response: -2492558  
Conc: N.D.



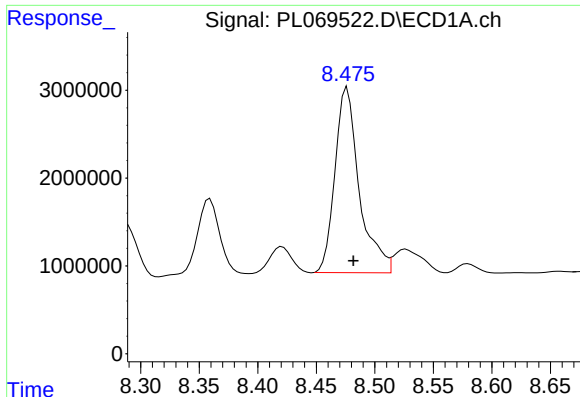
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 8.220 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

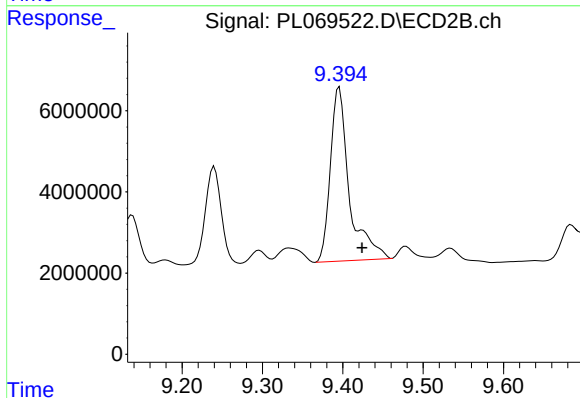
R.T.: 9.110 min  
Delta R.T.: 0.004 min  
Response: 30909294  
Conc: 25.20 ng/ml



#17 4,4'-DDT

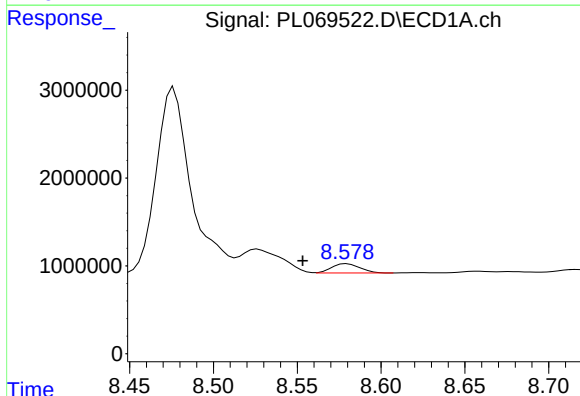
R.T.: 8.476 min  
Delta R.T.: -0.005 min  
Response: 30480038  
Conc: 52.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SWCS-16-0204



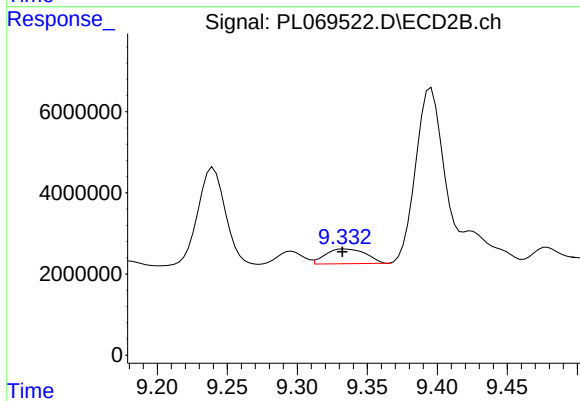
#17 4,4'-DDT

R.T.: 9.396 min  
Delta R.T.: -0.028 min  
Response: 70311442  
Conc: 57.39 ng/ml



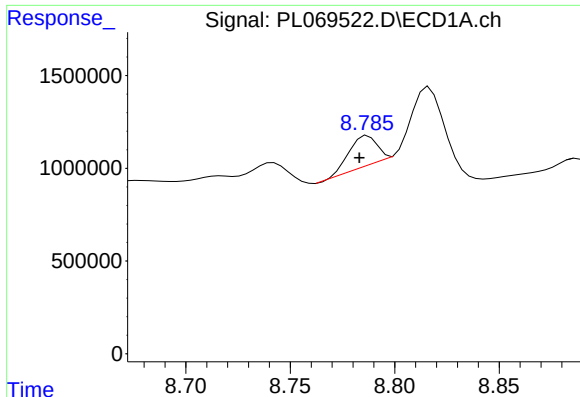
#18 Endrin aldehyde

R.T.: 8.580 min  
Delta R.T.: 0.026 min  
Response: 1225068  
Conc: 2.70 ng/ml



#18 Endrin aldehyde

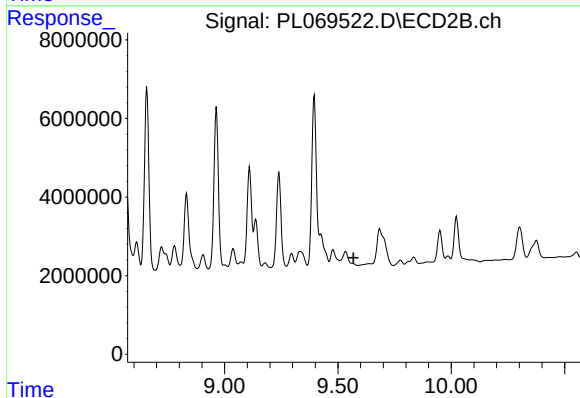
R.T.: 9.334 min  
Delta R.T.: 0.002 min  
Response: 7310122  
Conc: 7.69 ng/ml



#19 Endosulfan Sulfate

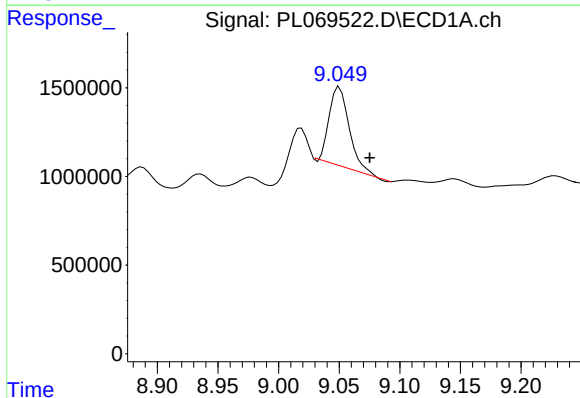
R.T.: 8.787 min  
Delta R.T.: 0.004 min  
Response: 1441373  
Conc: 2.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SWCS-16-0204



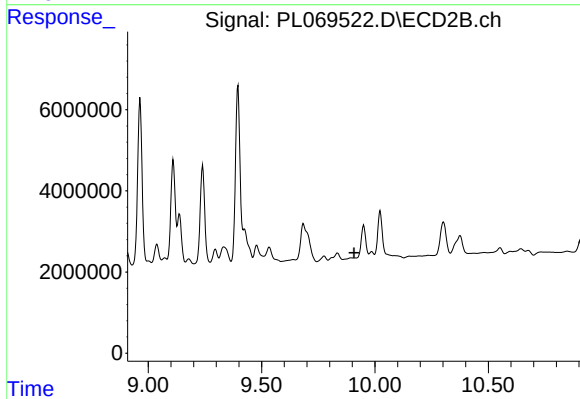
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 9.569 min  
Response: 0  
Conc: N.D.



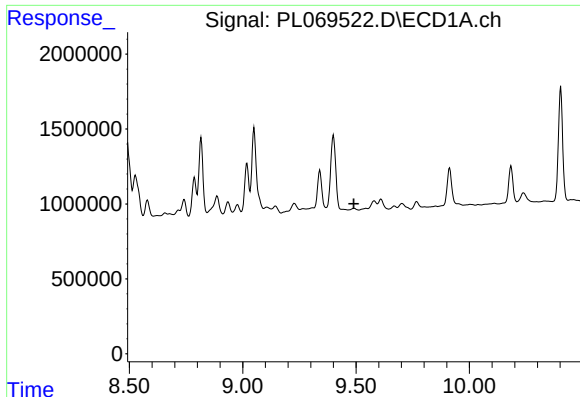
#20 Methoxychlor

R.T.: 9.050 min  
Delta R.T.: -0.025 min  
Response: 5143898  
Conc: 13.73 ng/ml



#20 Methoxychlor

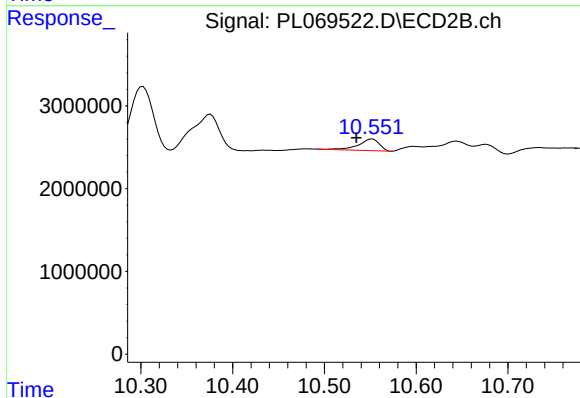
R.T.: 0.000 min  
Exp R.T. : 9.909 min  
Response: 0  
Conc: N.D.



#22 Mirex

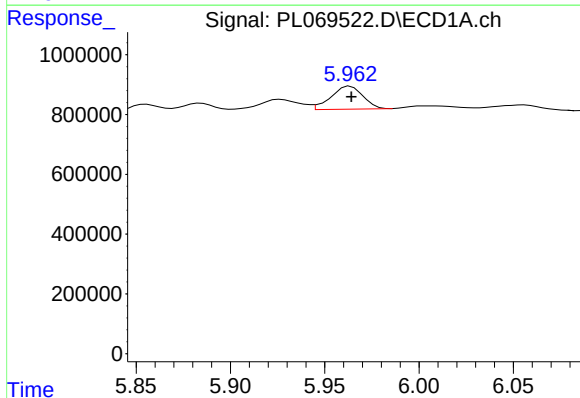
R.T.: 0.000 min  
Exp R.T.: 9.490 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SWCS-16-0204



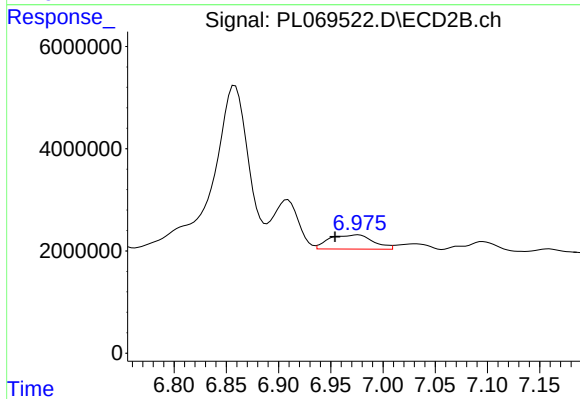
#22 Mirex

R.T.: 10.552 min  
Delta R.T.: 0.017 min  
Response: 2211041  
Conc: 2.36 ng/ml



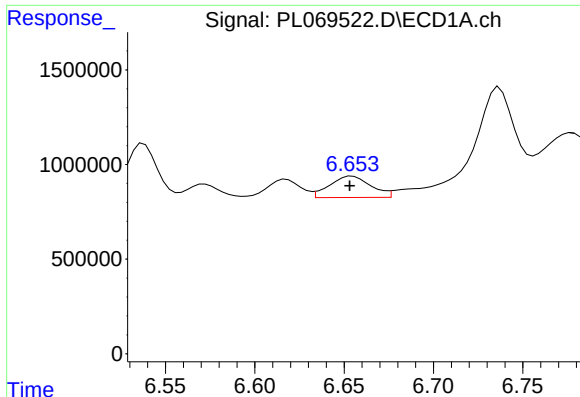
#23 Chlordane-1

R.T.: 5.964 min  
Delta R.T.: 0.000 min  
Response: 900011  
Conc: 50.83 ng/ml



#23 Chlordane-1

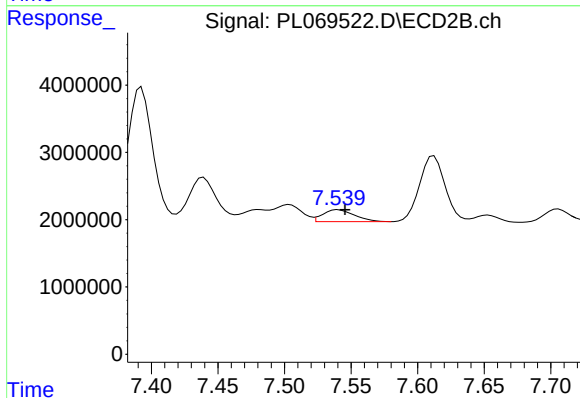
R.T.: 6.976 min  
Delta R.T.: 0.022 min  
Response: 8098550  
Conc: 143.06 ng/ml



#24 Chlordane-2

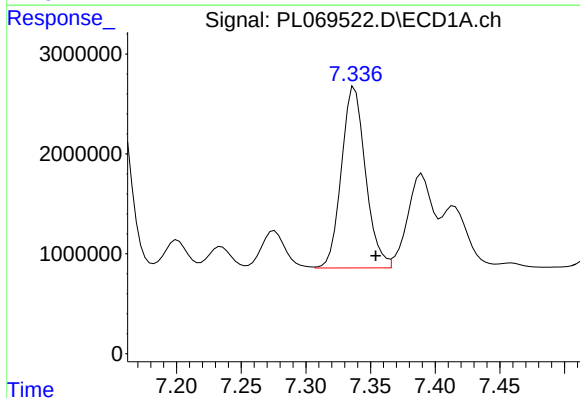
R.T.: 6.654 min  
Delta R.T.: 0.001 min  
Response: 1804956  
Conc: 70.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SWCS-16-0204



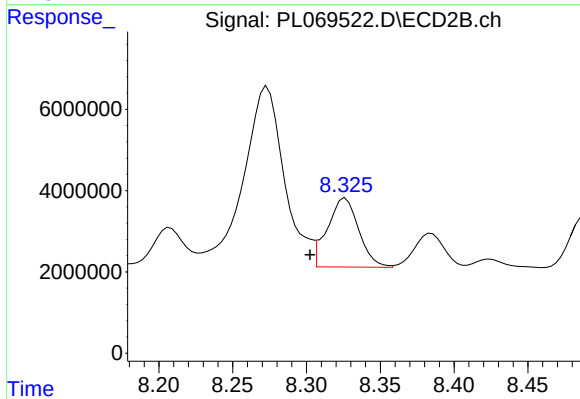
#24 Chlordane-2

R.T.: 7.540 min  
Delta R.T.: -0.005 min  
Response: 2926128  
Conc: 51.08 ng/ml



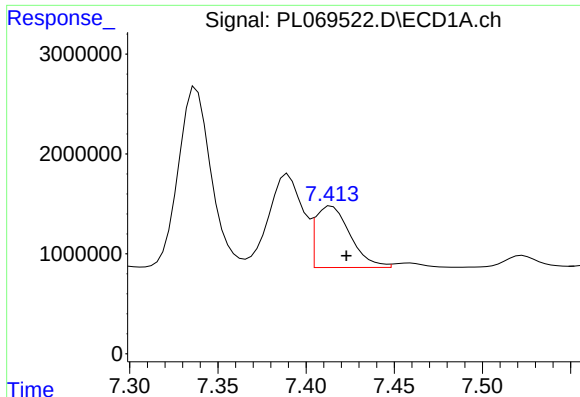
#25 Chlordane-3

R.T.: 7.338 min  
Delta R.T.: -0.016 min  
Response: 23460821  
Conc: 361.03 ng/ml



#25 Chlordane-3

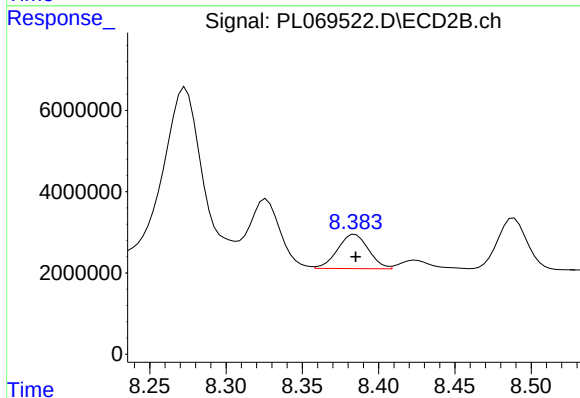
R.T.: 8.326 min  
Delta R.T.: 0.024 min  
Response: 25208272  
Conc: 117.71 ng/ml



#26 Chlordane-4

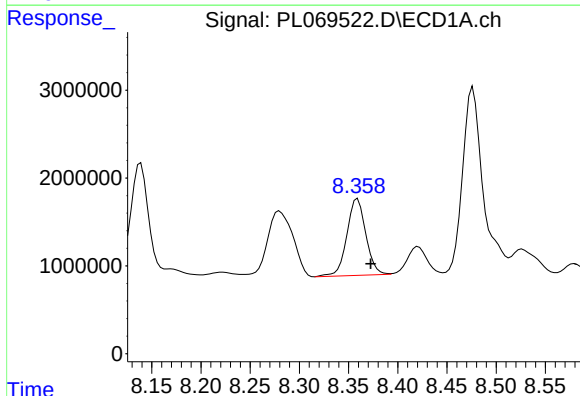
R.T.: 7.415 min  
Delta R.T.: -0.008 min  
Response: 8416608  
Conc: 120.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SWCS-16-0204



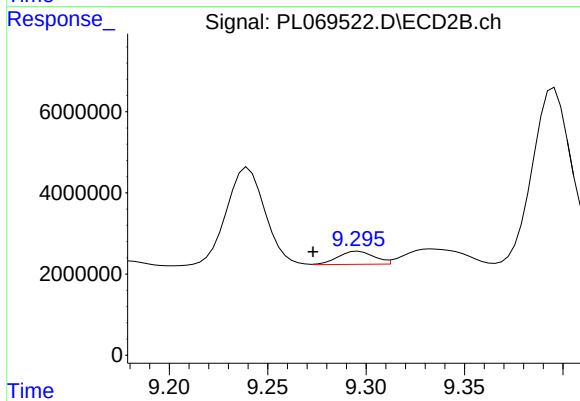
#26 Chlordane-4

R.T.: 8.385 min  
Delta R.T.: 0.000 min  
Response: 11879452  
Conc: 46.15 ng/ml



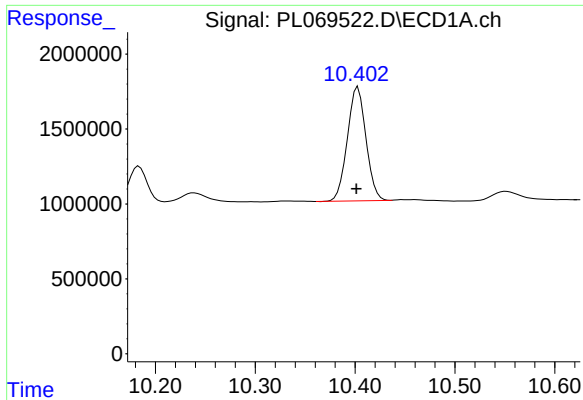
#27 Chlordane-5

R.T.: 8.359 min  
Delta R.T.: -0.014 min  
Response: 11694831  
Conc: 458.54 ng/ml



#27 Chlordane-5

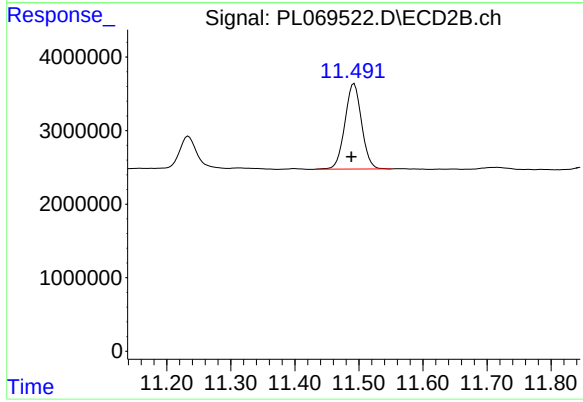
R.T.: 9.296 min  
Delta R.T.: 0.023 min  
Response: 4082204  
Conc: 91.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.403 min  
Delta R.T.: 0.002 min  
Response: 9848766  
Conc: 14.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SWCS-16-0204



#28 Decachlorobiphenyl

R.T.: 11.493 min  
Delta R.T.: 0.004 min  
Response: 21024959  
Conc: 17.16 ng/ml