

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061422\  
 Data File : PL075783.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jun 2022 20:27  
 Operator : AR\AJ  
 Sample : N3299-02MS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 15 00:49:45 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 07 02:04:29 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... | 5.641  | 4.637  | 15282446 | 35182582 | 22.644   | 20.965    |
| 28)                         | SA Decachlor... | 11.636 | 10.379 | 13553481 | 28570050 | 22.138   | 20.278    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.226  | 5.338  | 64078589 | 150.2E6  | 68.172   | 66.322    |
| 3)                          | MA gamma-BHC... | 6.624  | 5.759  | 59738336 | 139.1E6  | 68.059   | 64.143    |
| 4)                          | MA Heptachlor   | 7.278  | 6.167  | 58304102 | 134.6E6  | 63.406   | 63.141    |
| 5)                          | MB Aldrin       | 7.652  | 6.491  | 57035333 | 126.6E6  | 69.466   | 64.474    |
| 6)                          | B beta-BHC      | 6.876  | 6.138  | 25868175 | 56543649 | 63.029   | 57.607    |
| 7)                          | B delta-BHC     | 7.146  | 6.398  | 53329040 | 135.3E6  | 69.305   | 63.185    |
| 8)                          | B Heptachlo...  | 8.120  | 7.064  | 51804627 | 115.4E6  | 67.018   | 63.053    |
| 9)                          | A Endosulfan I  | 8.529  | 7.465  | 39515451 | 89976685 | 56.476   | 53.796    |
| 10)                         | B gamma-Chl...  | 8.391  | 7.340  | 51596197 | 116.5E6  | 66.442   | 63.544    |
| 11)                         | B alpha-Chl...  | 8.471  | 7.409  | 50264008 | 114.6E6  | 65.911   | 62.770    |
| 12)                         | B 4,4'-DDE      | 8.657  | 7.621  | 44423835 | 104.5E6  | 67.123   | 65.385    |
| 13)                         | MA Dieldrin     | 8.819  | 7.751  | 48177354 | 109.2E6  | 66.688   | 64.543    |
| 14)                         | MA Endrin       | 9.060  | 8.041  | 40776762 | 94152402 | 68.774   | 68.869    |
| 15)                         | B Endosulfa...  | 9.294  | 8.351  | 31953991 | 71511402 | 51.349   | 49.901    |
| 16)                         | A 4,4'-DDD      | 9.200  | 8.205  | 36753306 | 76262015 | 67.172   | 57.996    |
| 17)                         | MA 4,4'-DDT     | 9.519  | 8.465  | 39375147 | 87778169 | 61.468   | 62.441    |
| 18)                         | B Endrin al...  | 9.429  | 8.539  | 33590608 | 72222534 | 65.585   | 64.121    |
| 19)                         | B Endosulfa...  | 9.667  | 8.769  | 39534122 | 88592403 | 63.113   | 60.317    |
| 20)                         | A Methoxychlor  | 10.005 | 9.058  | 21812363 | 48120716 | 60.933   | 59.069    |
| 21)                         | B Endrin ke...  | 10.169 | 9.287  | 44217723 | 96684605 | 62.877   | 59.894    |
| 22)                         | Mirex           | 10.642 | 9.473  | 33077414 | 74954120 | 58.774   | 58.370    |
| 24)                         | Chlordane-2     | 7.652f | 0.000  | 57035333 | 0        | 1854.435 | N.D. #    |
| 25)                         | Chlordane-3     | 8.391  | 7.340  | 51596197 | 116.5E6  | 499.708  | 677.443 # |
| 26)                         | Chlordane-4     | 8.471  | 7.409  | 50264008 | 114.6E6  | 396.851  | 622.652 # |
| 27)                         | Chlordane-5     | 0.000  | 8.141f | 0        | 66100    | N.D.     | 1.392 #   |
| -----                       |                 |        |        |          |          |          |           |

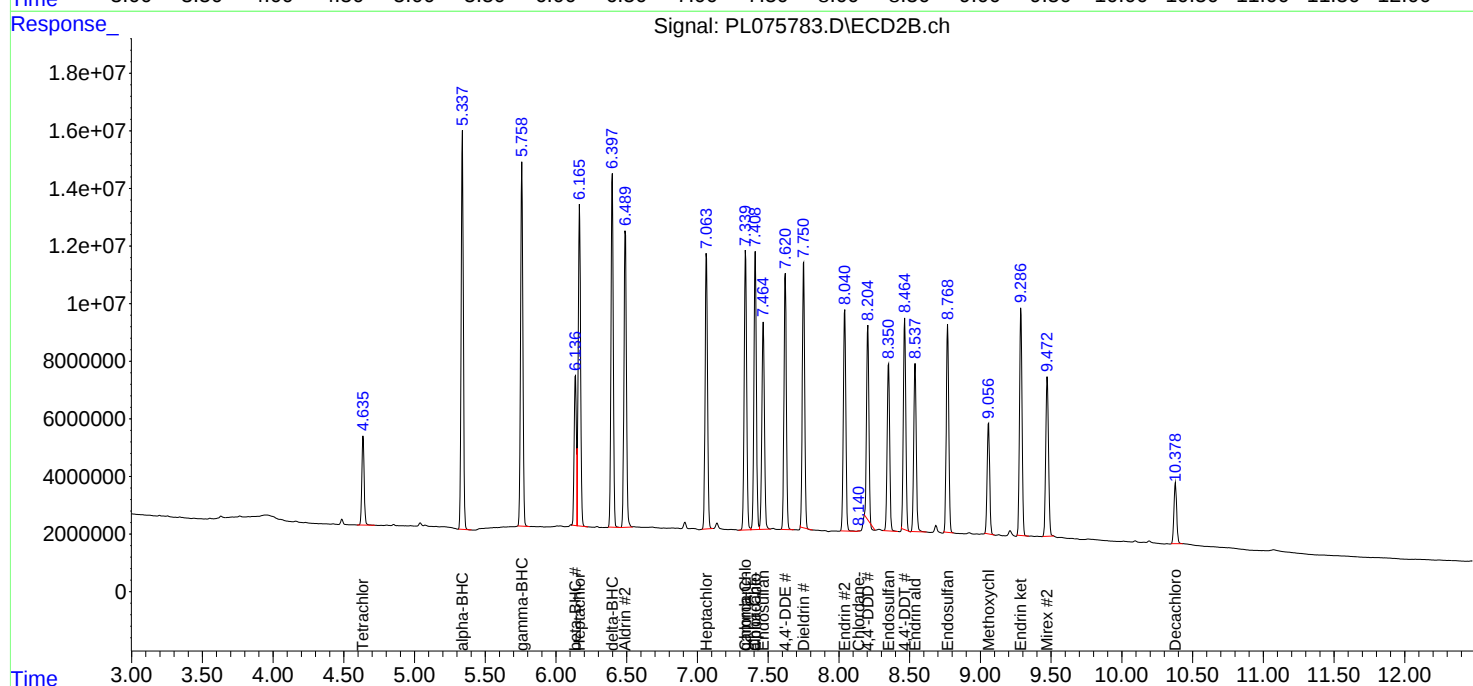
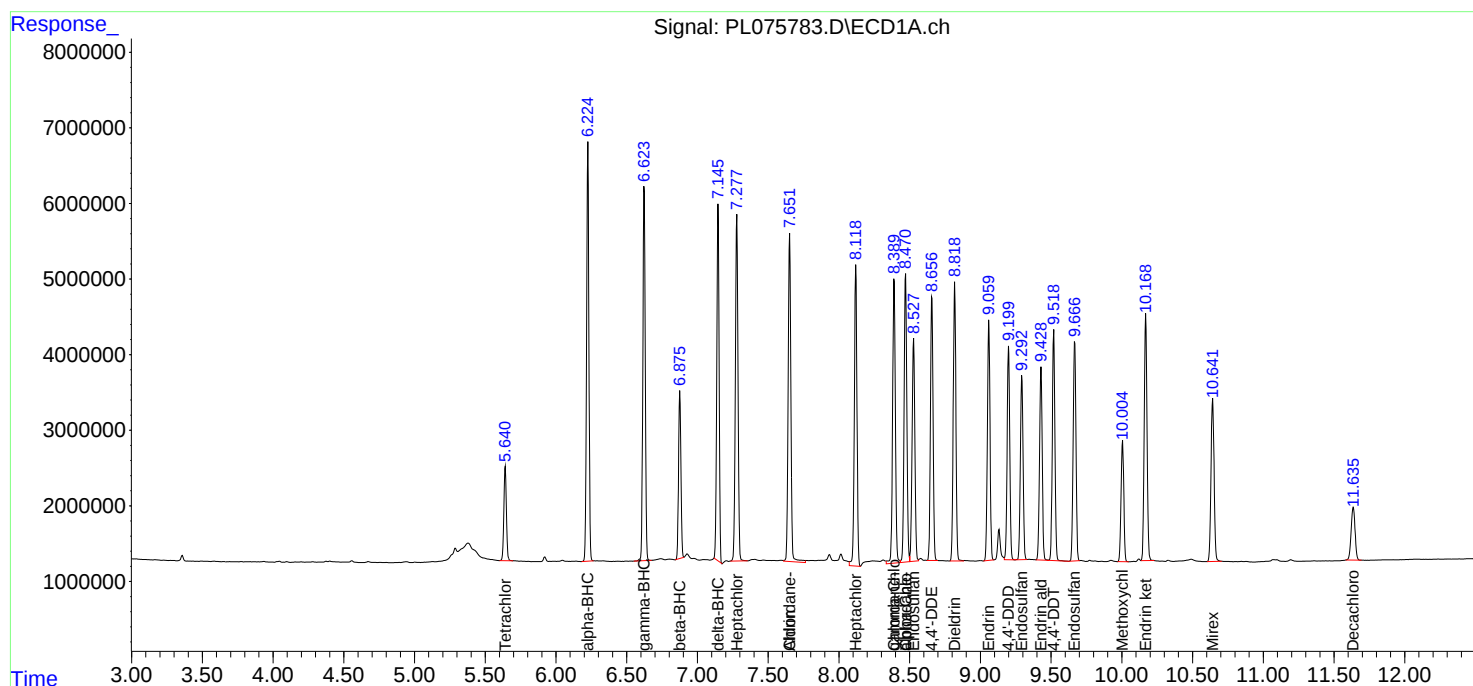
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

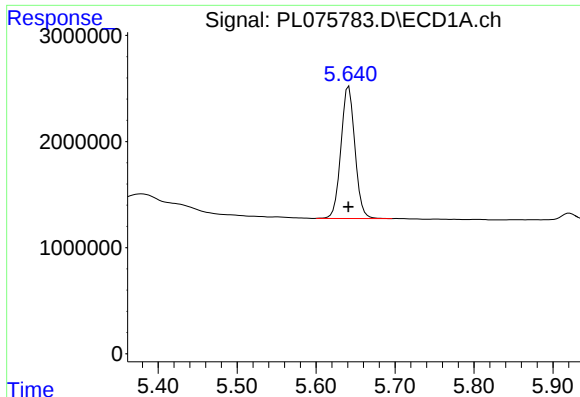
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061422\  
Data File : PL075783.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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Operator : AR\AJ  
Sample : N3299-02MS  
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ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
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Quant Time: Jun 15 00:49:45 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.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

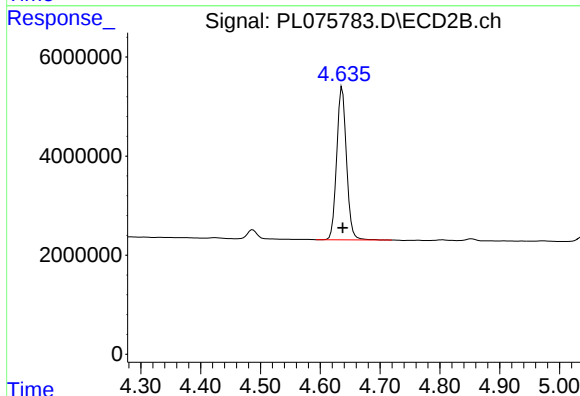




#1 Tetrachloro-m-xylene

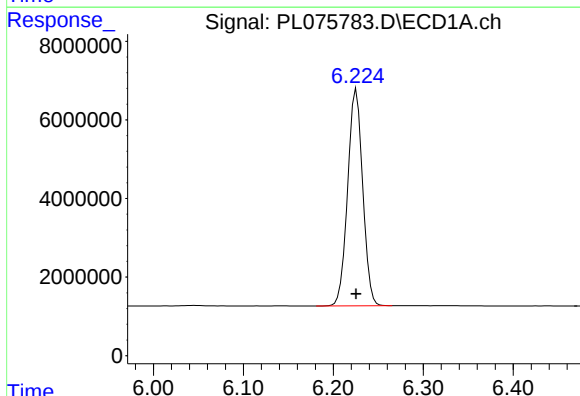
R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 15282446  
Conc: 22.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



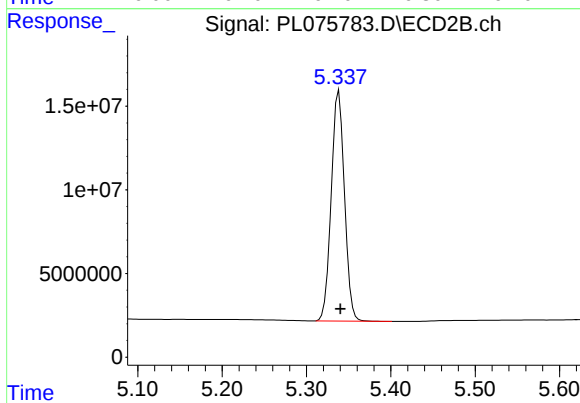
#1 Tetrachloro-m-xylene

R.T.: 4.637 min  
Delta R.T.: -0.001 min  
Response: 35182582  
Conc: 20.96 ng/ml



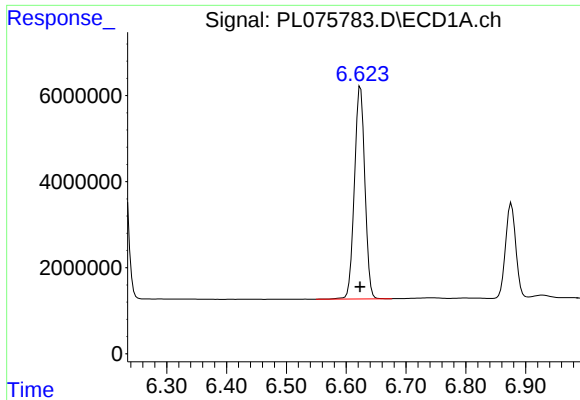
#2 alpha-BHC

R.T.: 6.226 min  
Delta R.T.: 0.000 min  
Response: 64078589  
Conc: 68.17 ng/ml



#2 alpha-BHC

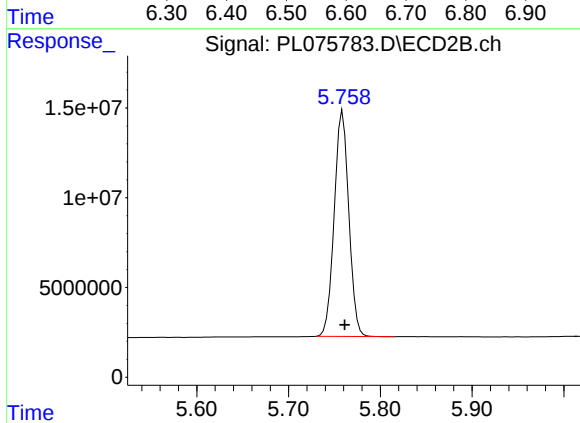
R.T.: 5.338 min  
Delta R.T.: -0.002 min  
Response: 150172705  
Conc: 66.32 ng/ml



#3 gamma-BHC (Lindane)

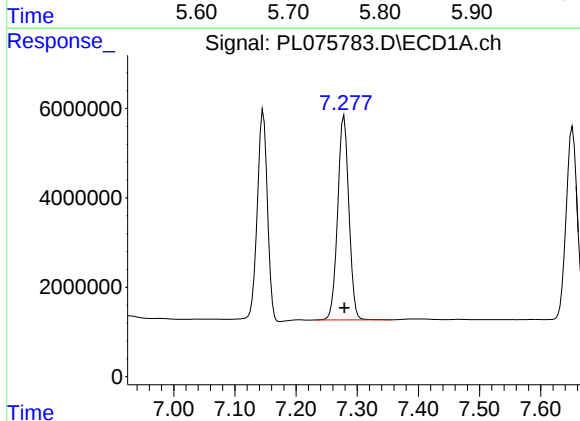
R.T.: 6.624 min  
Delta R.T.: 0.000 min  
Response: 59738336  
Conc: 68.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



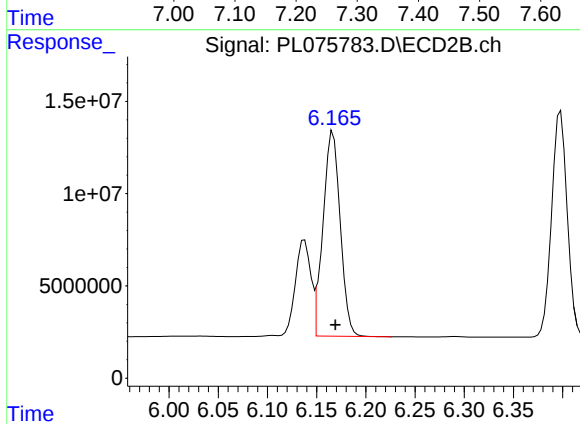
#3 gamma-BHC (Lindane)

R.T.: 5.759 min  
Delta R.T.: -0.002 min  
Response: 139098449  
Conc: 64.14 ng/ml



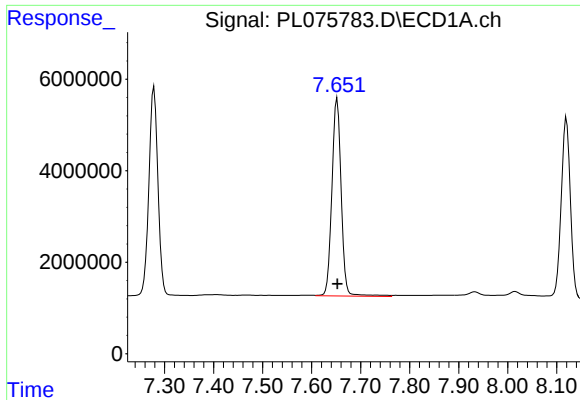
#4 Heptachlor

R.T.: 7.278 min  
Delta R.T.: 0.000 min  
Response: 58304102  
Conc: 63.41 ng/ml



#4 Heptachlor

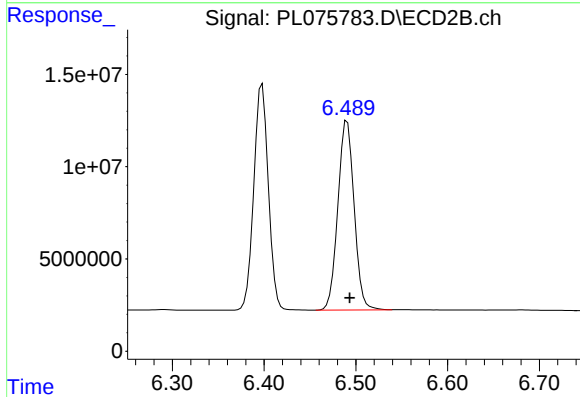
R.T.: 6.167 min  
Delta R.T.: -0.003 min  
Response: 134628805  
Conc: 63.14 ng/ml



#5 Aldrin

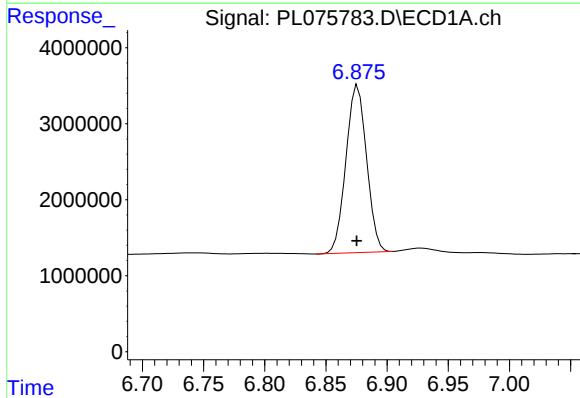
R.T.: 7.652 min  
Delta R.T.: 0.000 min  
Response: 57035333  
Conc: 69.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



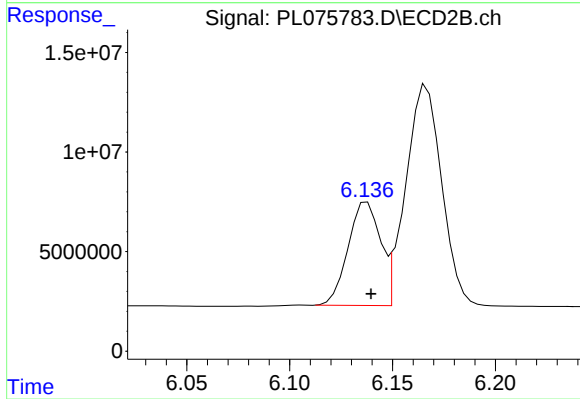
#5 Aldrin

R.T.: 6.491 min  
Delta R.T.: -0.003 min  
Response: 126625111  
Conc: 64.47 ng/ml



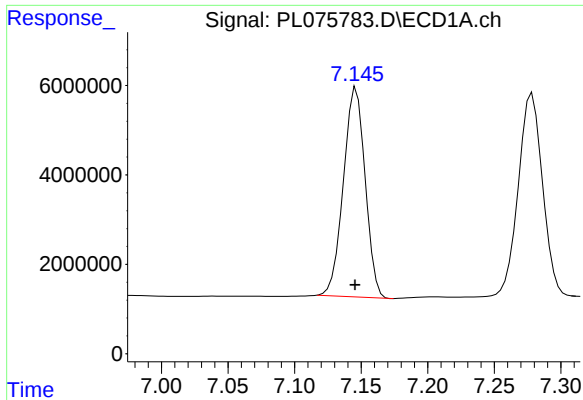
#6 beta-BHC

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 25868175  
Conc: 63.03 ng/ml



#6 beta-BHC

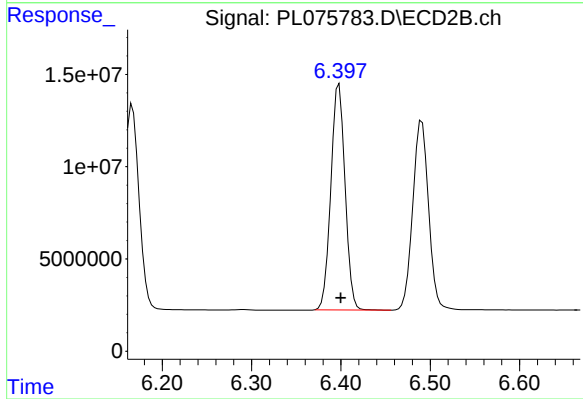
R.T.: 6.138 min  
Delta R.T.: -0.002 min  
Response: 56543649  
Conc: 57.61 ng/ml



#7 delta-BHC

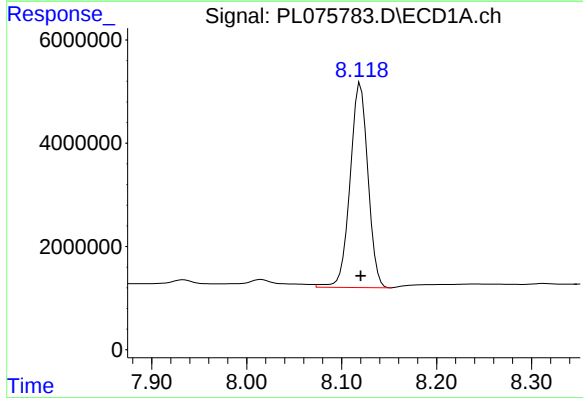
R.T.: 7.146 min  
Delta R.T.: 0.001 min  
Response: 53329040  
Conc: 69.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



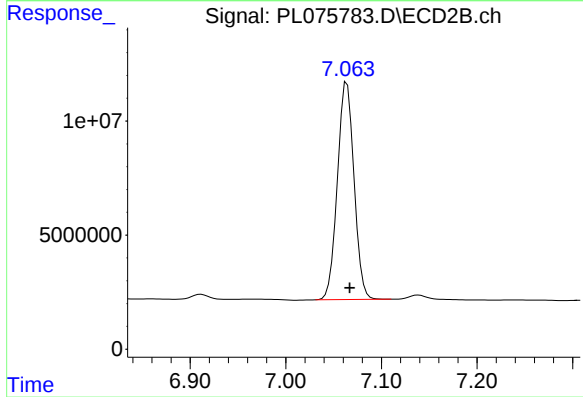
#7 delta-BHC

R.T.: 6.398 min  
Delta R.T.: -0.002 min  
Response: 135269220  
Conc: 63.18 ng/ml



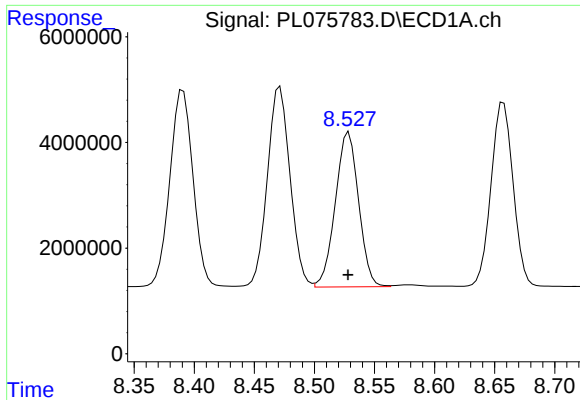
#8 Heptachlor epoxide

R.T.: 8.120 min  
Delta R.T.: 0.000 min  
Response: 51804627  
Conc: 67.02 ng/ml



#8 Heptachlor epoxide

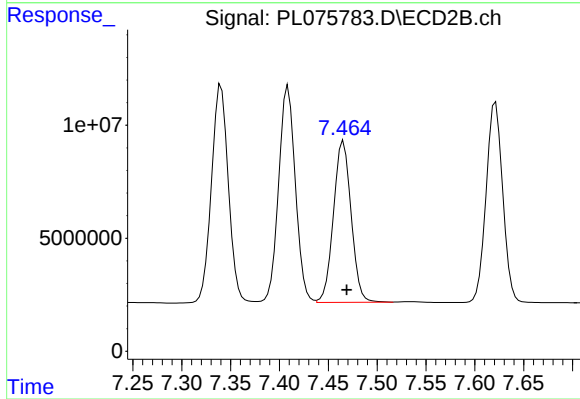
R.T.: 7.064 min  
Delta R.T.: -0.003 min  
Response: 115377266  
Conc: 63.05 ng/ml



#9 Endosulfan I

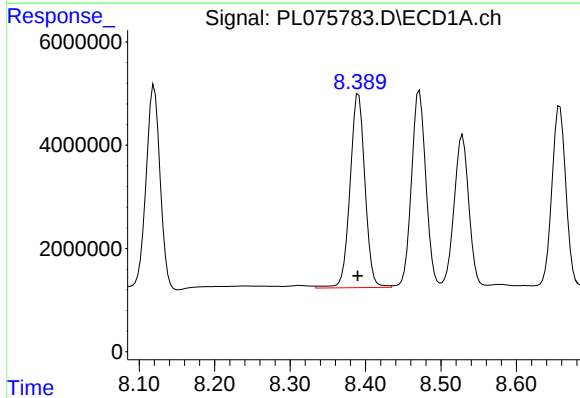
R.T.: 8.529 min  
Delta R.T.: 0.000 min  
Response: 39515451  
Conc: 56.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



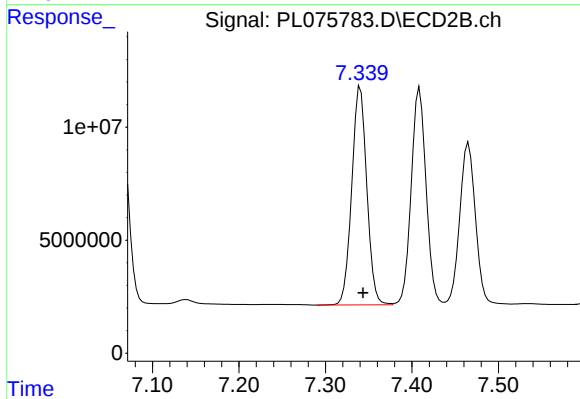
#9 Endosulfan I

R.T.: 7.465 min  
Delta R.T.: -0.003 min  
Response: 89976685  
Conc: 53.80 ng/ml



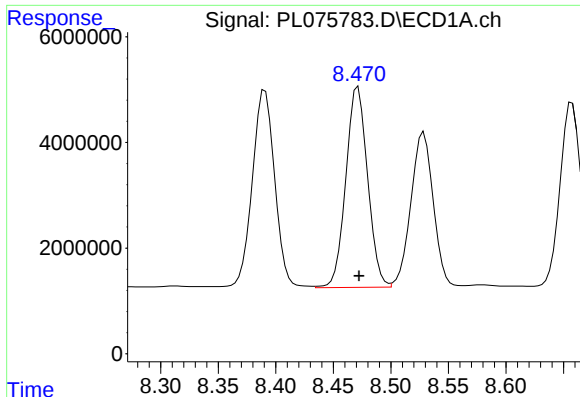
#10 gamma-Chlordane

R.T.: 8.391 min  
Delta R.T.: 0.000 min  
Response: 51596197  
Conc: 66.44 ng/ml



#10 gamma-Chlordane

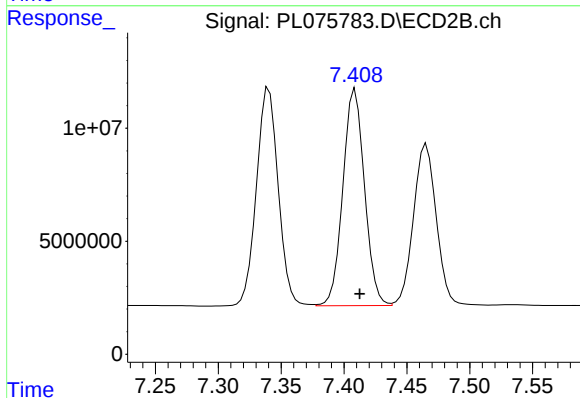
R.T.: 7.340 min  
Delta R.T.: -0.003 min  
Response: 116509524  
Conc: 63.54 ng/ml



#11 alpha-Chlordane

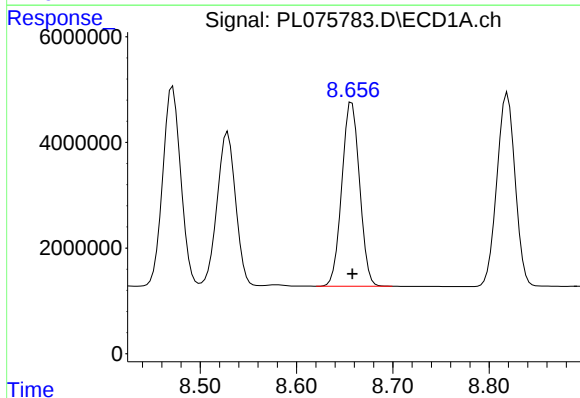
R.T.: 8.471 min  
Delta R.T.: 0.000 min  
Response: 50264008  
Conc: 65.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



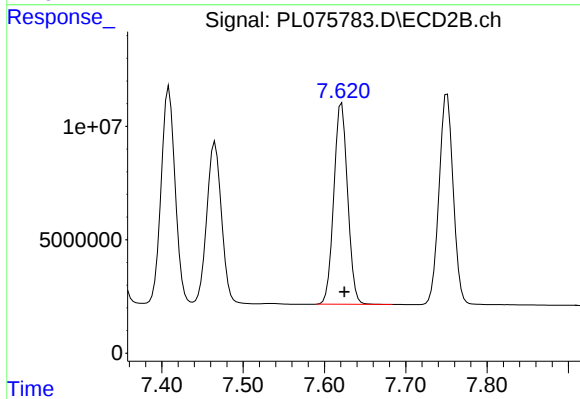
#11 alpha-Chlordane

R.T.: 7.409 min  
Delta R.T.: -0.003 min  
Response: 114609963  
Conc: 62.77 ng/ml



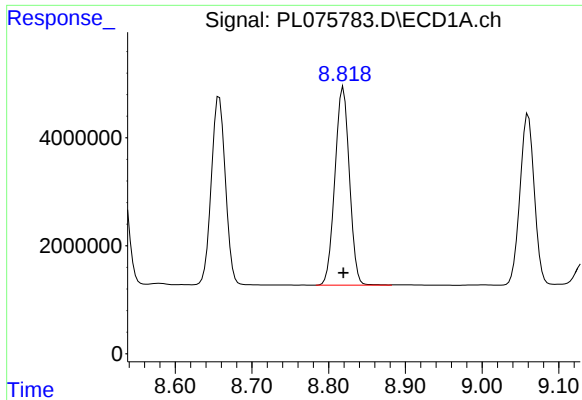
#12 4,4'-DDE

R.T.: 8.657 min  
Delta R.T.: 0.000 min  
Response: 44423835  
Conc: 67.12 ng/ml



#12 4,4'-DDE

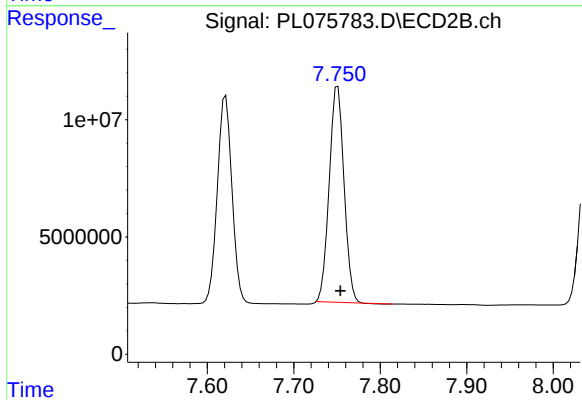
R.T.: 7.621 min  
Delta R.T.: -0.003 min  
Response: 104535863  
Conc: 65.39 ng/ml



#13 Dieldrin

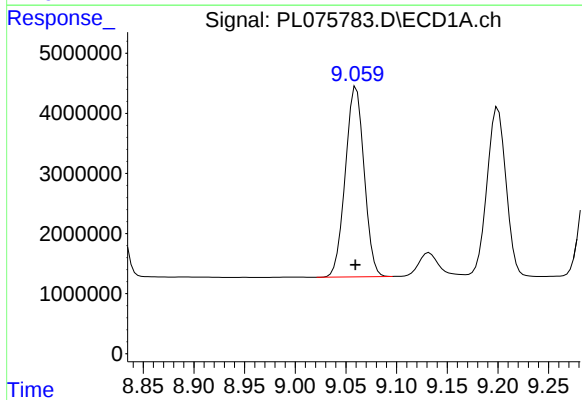
R.T.: 8.819 min  
Delta R.T.: 0.000 min  
Response: 48177354  
Conc: 66.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



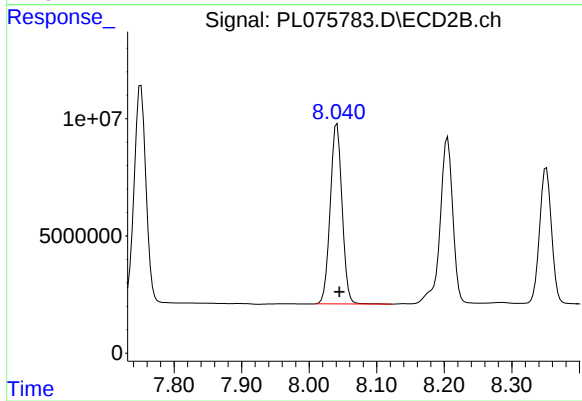
#13 Dieldrin

R.T.: 7.751 min  
Delta R.T.: -0.003 min  
Response: 109245540  
Conc: 64.54 ng/ml



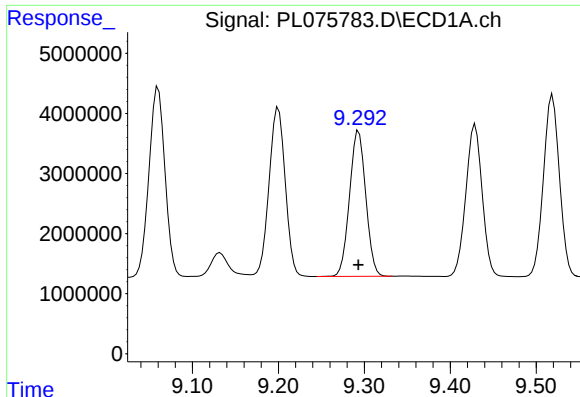
#14 Endrin

R.T.: 9.060 min  
Delta R.T.: 0.000 min  
Response: 40776762  
Conc: 68.77 ng/ml



#14 Endrin

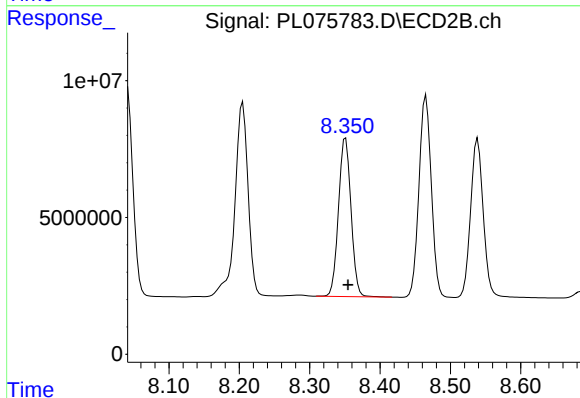
R.T.: 8.041 min  
Delta R.T.: -0.004 min  
Response: 94152402  
Conc: 68.87 ng/ml



#15 Endosulfan II

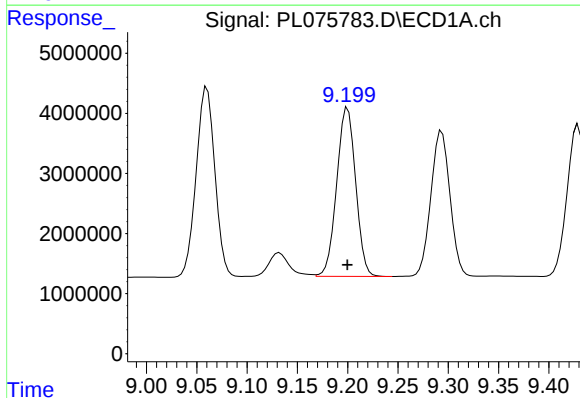
R.T.: 9.294 min  
Delta R.T.: 0.000 min  
Response: 31953991  
Conc: 51.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



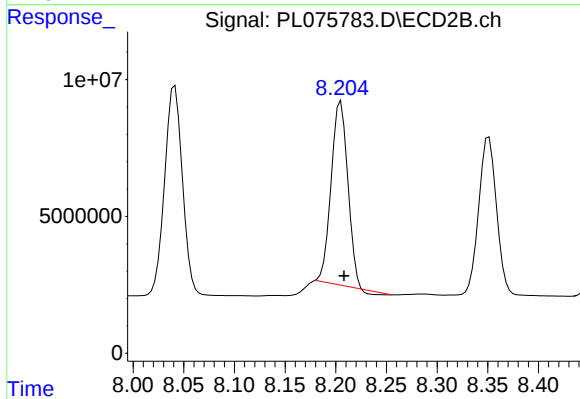
#15 Endosulfan II

R.T.: 8.351 min  
Delta R.T.: -0.003 min  
Response: 71511402  
Conc: 49.90 ng/ml



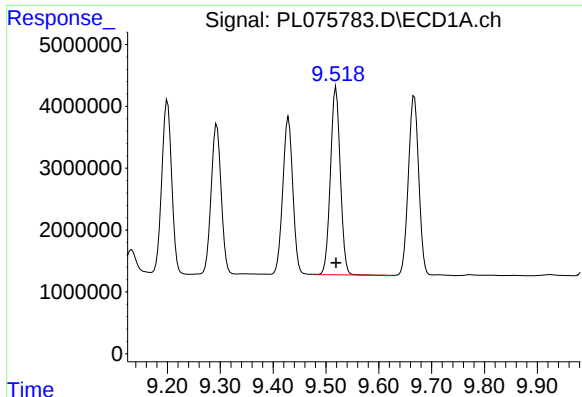
#16 4,4'-DDD

R.T.: 9.200 min  
Delta R.T.: 0.000 min  
Response: 36753306  
Conc: 67.17 ng/ml



#16 4,4'-DDD

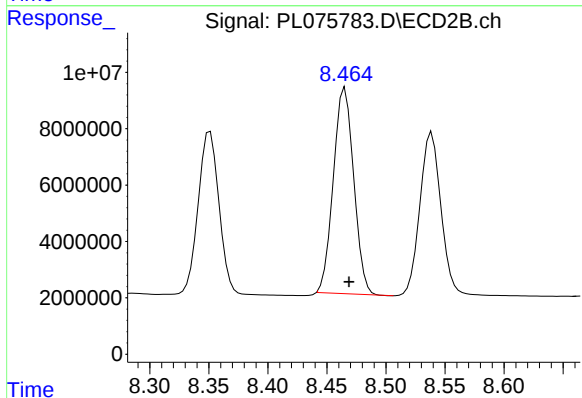
R.T.: 8.205 min  
Delta R.T.: -0.003 min  
Response: 76262015  
Conc: 58.00 ng/ml



#17 4,4'-DDT

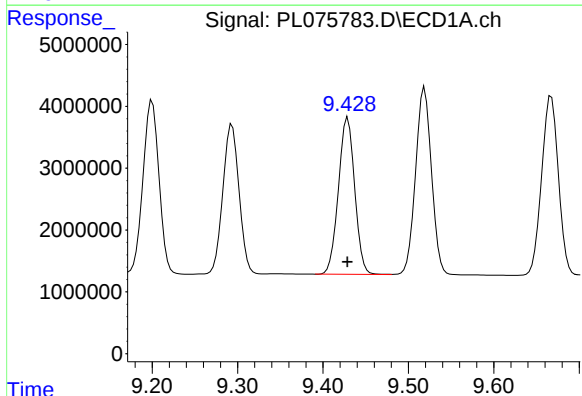
R.T.: 9.519 min  
Delta R.T.: 0.000 min  
Response: 39375147  
Conc: 61.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



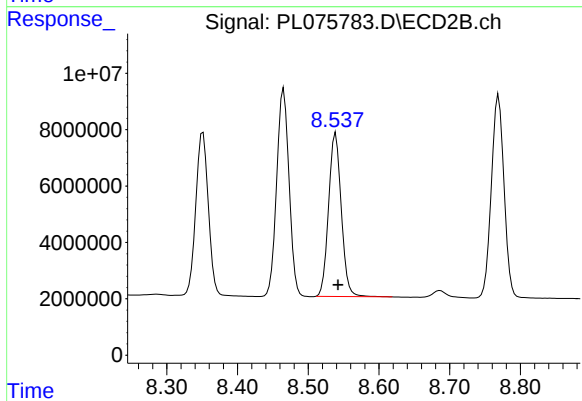
#17 4,4'-DDT

R.T.: 8.465 min  
Delta R.T.: -0.003 min  
Response: 87778169  
Conc: 62.44 ng/ml



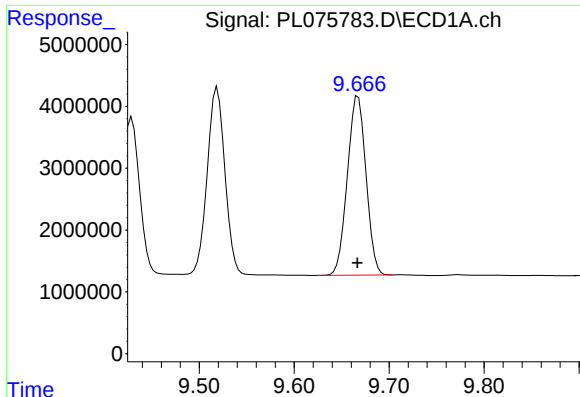
#18 Endrin aldehyde

R.T.: 9.429 min  
Delta R.T.: 0.000 min  
Response: 33590608  
Conc: 65.58 ng/ml



#18 Endrin aldehyde

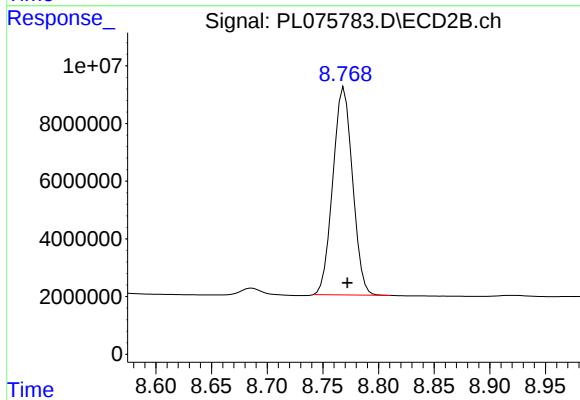
R.T.: 8.539 min  
Delta R.T.: -0.003 min  
Response: 72222534  
Conc: 64.12 ng/ml



#19 Endosulfan Sulfate

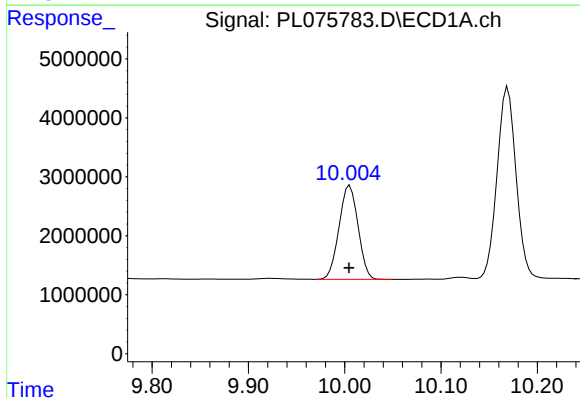
R.T.: 9.667 min  
Delta R.T.: 0.000 min  
Response: 39534122  
Conc: 63.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



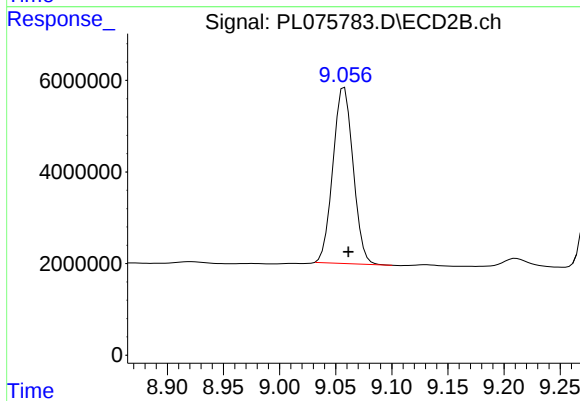
#19 Endosulfan Sulfate

R.T.: 8.769 min  
Delta R.T.: -0.003 min  
Response: 88592403  
Conc: 60.32 ng/ml



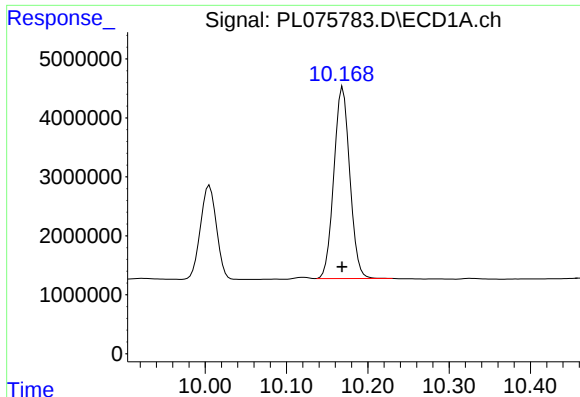
#20 Methoxychlor

R.T.: 10.005 min  
Delta R.T.: 0.001 min  
Response: 21812363  
Conc: 60.93 ng/ml



#20 Methoxychlor

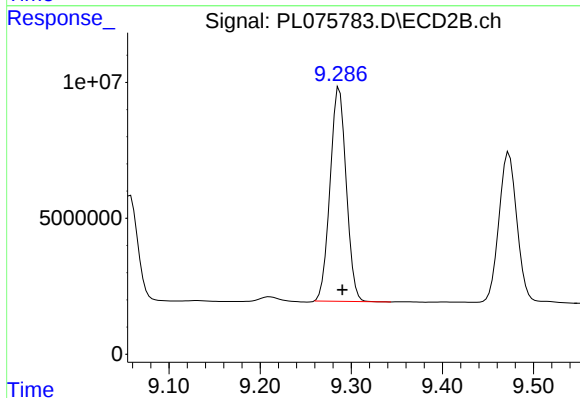
R.T.: 9.058 min  
Delta R.T.: -0.003 min  
Response: 48120716  
Conc: 59.07 ng/ml



#21 Endrin ketone

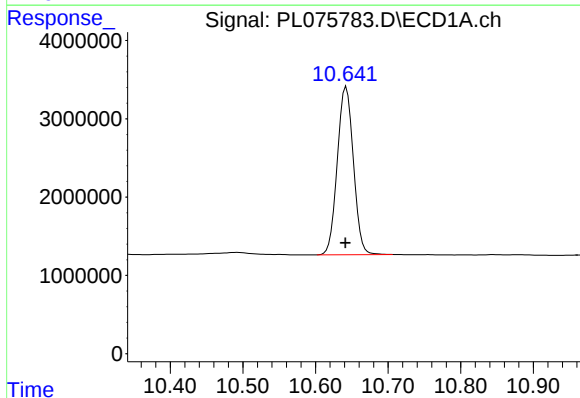
R.T.: 10.169 min  
Delta R.T.: 0.001 min  
Response: 44217723  
Conc: 62.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



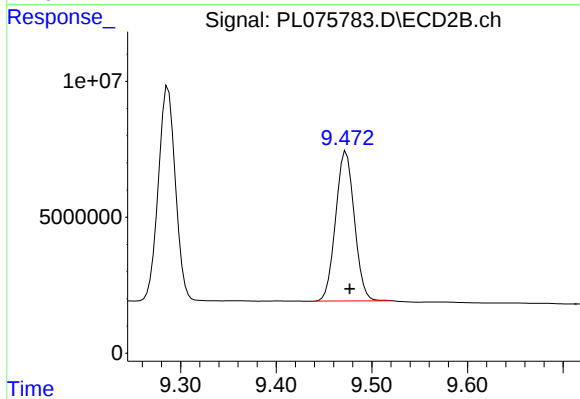
#21 Endrin ketone

R.T.: 9.287 min  
Delta R.T.: -0.003 min  
Response: 96684605  
Conc: 59.89 ng/ml



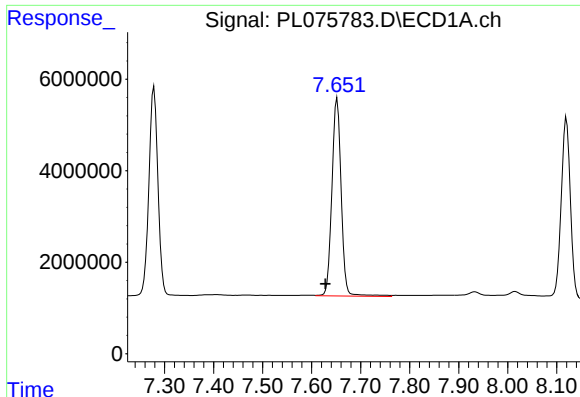
#22 Mirex

R.T.: 10.642 min  
Delta R.T.: 0.001 min  
Response: 33077414  
Conc: 58.77 ng/ml



#22 Mirex

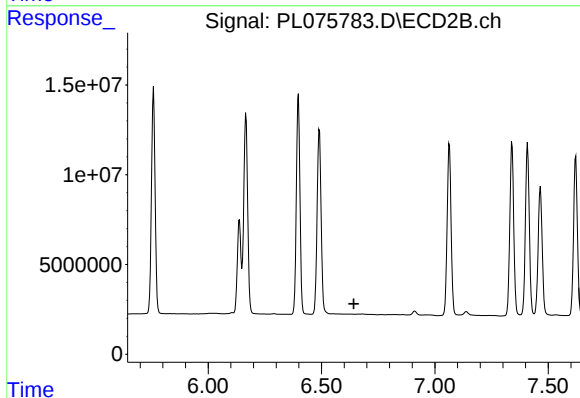
R.T.: 9.473 min  
Delta R.T.: -0.004 min  
Response: 74954120  
Conc: 58.37 ng/ml



#24 Chlordane-2

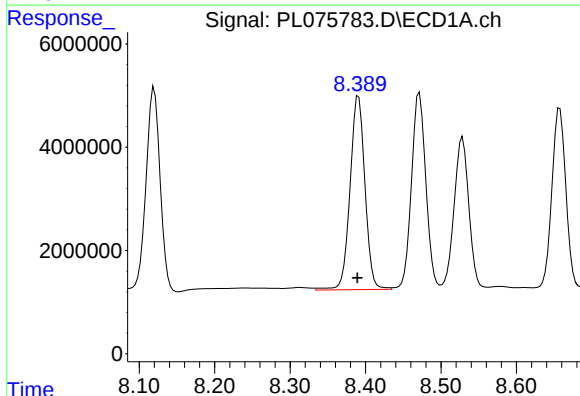
R.T.: 7.652 min  
Delta R.T.: 0.024 min  
Response: 57035333  
Conc: 1854.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



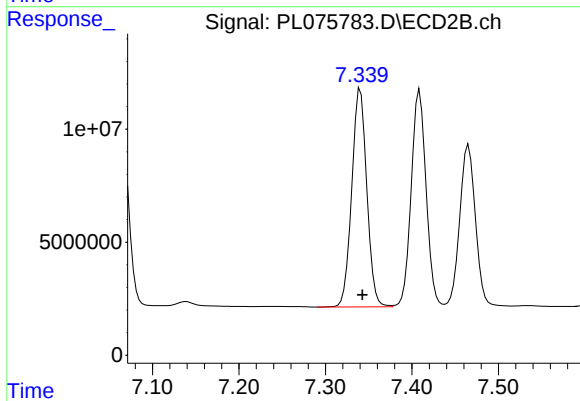
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 6.642 min  
Response: 0  
Conc: N.D.



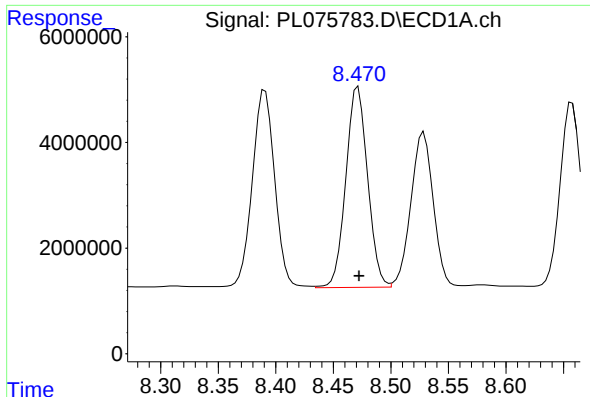
#25 Chlordane-3

R.T.: 8.391 min  
Delta R.T.: 0.002 min  
Response: 51596197  
Conc: 499.71 ng/ml



#25 Chlordane-3

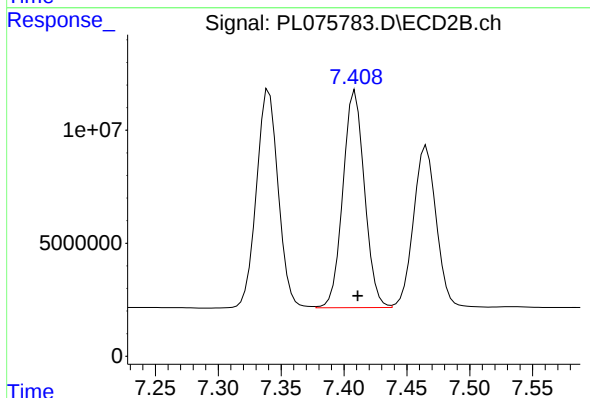
R.T.: 7.340 min  
Delta R.T.: -0.002 min  
Response: 116509524  
Conc: 677.44 ng/ml



#26 Chlordane-4

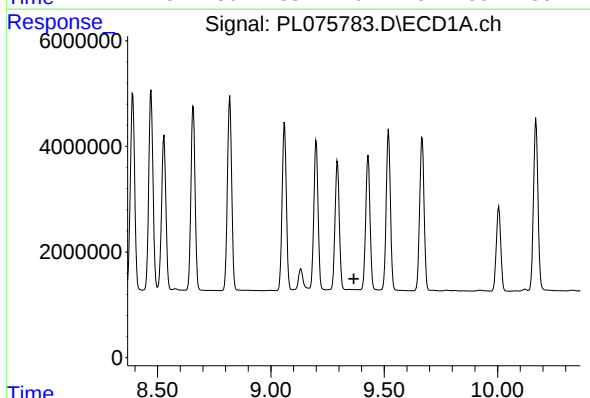
R.T.: 8.471 min  
Delta R.T.: 0.000 min  
Response: 50264008  
Conc: 396.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



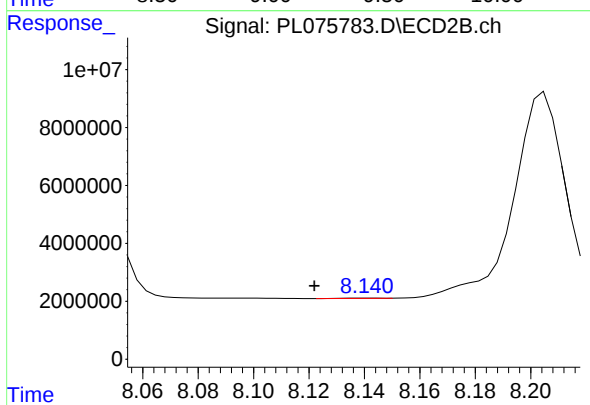
#26 Chlordane-4

R.T.: 7.409 min  
Delta R.T.: -0.002 min  
Response: 114609963  
Conc: 622.65 ng/ml



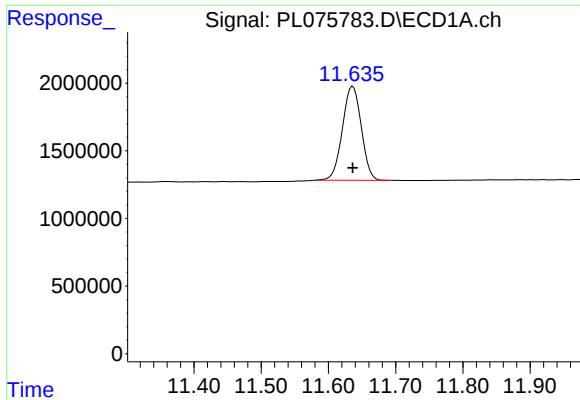
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.366 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

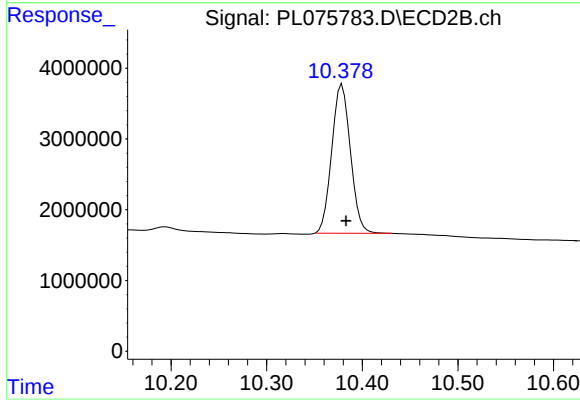
R.T.: 8.141 min  
Delta R.T.: 0.019 min  
Response: 66100  
Conc: 1.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.636 min  
Delta R.T.: 0.000 min  
Response: 13553481  
Conc: 22.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 10.379 min  
Delta R.T.: -0.004 min  
Response: 28570050  
Conc: 20.28 ng/ml