

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060221\  
 Data File : PL066990.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jun 2021 11:21  
 Operator : AR\AJ  
 Sample : M2551-02MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 02 14:41:41 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 02 14:20:39 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... | 4.480  | 5.532  | 11711966 | 18311492 | 28.601   | 28.307     |
| 2)                          | SA Decachlor... | 10.226 | 11.434 | 21099400 | 28564180 | 32.630   | 34.235     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.181  | 6.113  | 51451293 | 75195444 | 97.288   | 95.259     |
| 3)                          | MA gamma-BHC... | 5.600  | 6.508  | 50667507 | 73586557 | 90.968   | 97.130     |
| 4)                          | MA Heptachlor   | 6.012  | 7.157  | 46659194 | 64120750 | 88.821   | 90.910     |
| 5)                          | MB Aldrin       | 6.334  | 7.527  | 49462026 | 59624088 | 90.434   | 81.631     |
| 6)                          | B beta-BHC      | 5.983  | 6.763  | 23990982 | 35534217 | 90.070   | 94.229     |
| 7)                          | B delta-BHC     | 6.241  | 7.030  | 54884499 | 77456526 | 103.446  | 102.008    |
| 8)                          | B Heptachlo...  | 6.908  | 7.993  | 50114610 | 64605397 | 94.476   | 92.525     |
| 9)                          | A Endosulfan I  | 7.307  | 8.398  | 48675073 | 60579238 | 92.577   | 94.701     |
| 10)                         | B gamma-Chl...  | 7.186  | 8.262  | 53027360 | 67199401 | 92.549   | 94.624     |
| 11)                         | B alpha-Chl...  | 7.255  | 8.343  | 53126759 | 67163350 | 92.395   | 94.545     |
| 12)                         | B 4,4'-DDE      | 7.473  | 8.532  | 50435242 | 63119988 | 94.464   | 96.559     |
| 13)                         | MA Dieldrin     | 7.592  | 8.687  | 51297542 | 62764097 | 91.989   | 94.953     |
| 14)                         | MA Endrin       | 7.879  | 8.926  | 48483728 | 52641312 | 93.619   | 93.206     |
| 15)                         | B Endosulfa...  | 8.190  | 9.160  | 45100938 | 55349398 | 87.051   | 89.726     |
| 16)                         | A 4,4'-DDD      | 8.055  | 9.071  | 43302621 | 51872400 | 95.571   | 95.988     |
| 17)                         | MA 4,4'-DDT     | 8.315  | 9.388  | 44175292 | 52535003 | 95.827   | 100.745    |
| 18)                         | B Endrin al...  | 8.377  | 9.294  | 36725396 | 44881909 | 79.780   | 82.487     |
| 19)                         | B Endosulfa...  | 8.608  | 9.532  | 46933467 | 55502448 | 84.958   | 89.203     |
| 20)                         | A Methoxychlor  | 8.908  | 9.874  | 25279397 | 28122816 | 84.798   | 88.541     |
| 21)                         | B Endrin ke...  | 9.118  | 10.029 | 57171627 | 65303772 | 89.333   | 90.066     |
| 22)                         | Mirex           | 9.306  | 10.495 | 44372036 | 51829465 | 76.704   | 80.527     |
| 24)                         | Chlordane-2     | 0.000  | 7.527f | 0        | 59624088 | N.D.     | 2024.783 # |
| 25)                         | Chlordane-3     | 7.186  | 8.262  | 53027360 | 67199401 | 910.240  | 641.937 #  |
| 26)                         | Chlordane-4     | 7.255  | 8.343  | 53126759 | 67163350 | 832.298  | 526.916 #  |
| 27)                         | Chlordane-5     | 8.190  | 0.000  | 45100938 | 0        | 2390.237 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

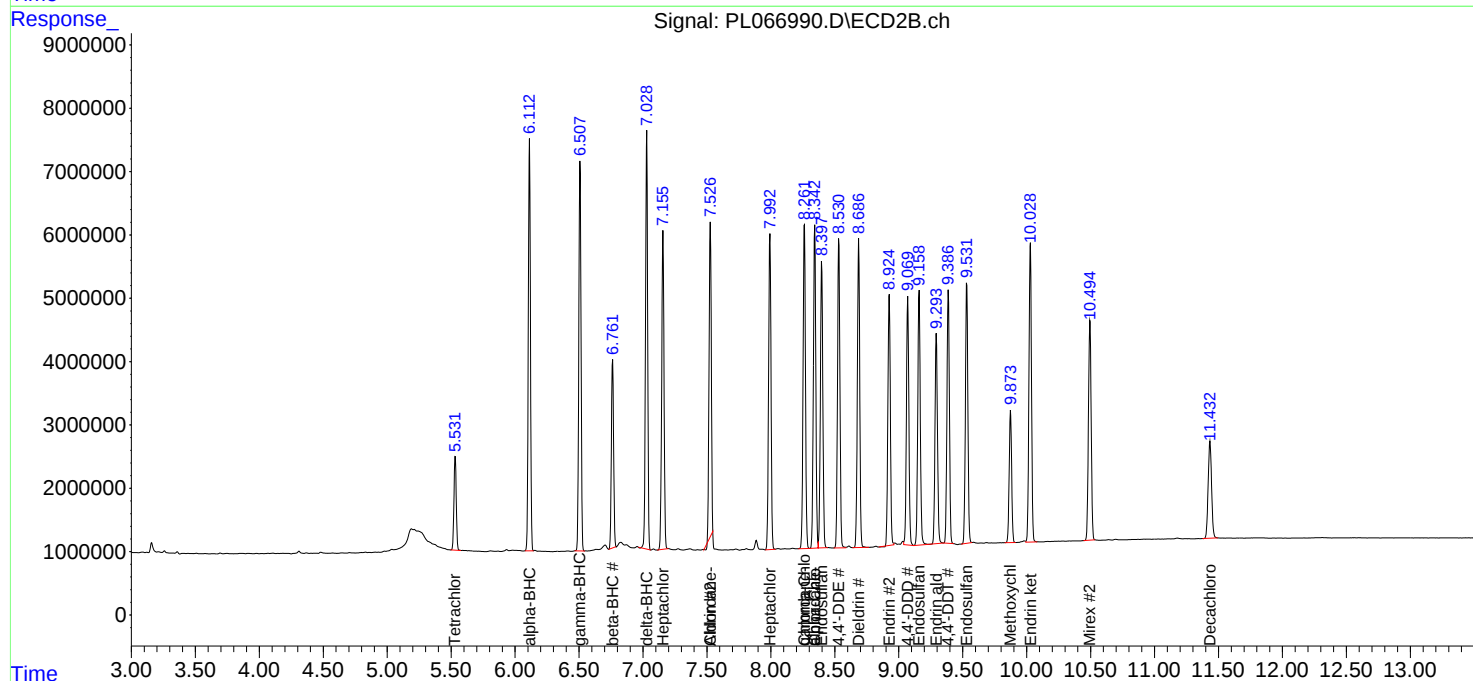
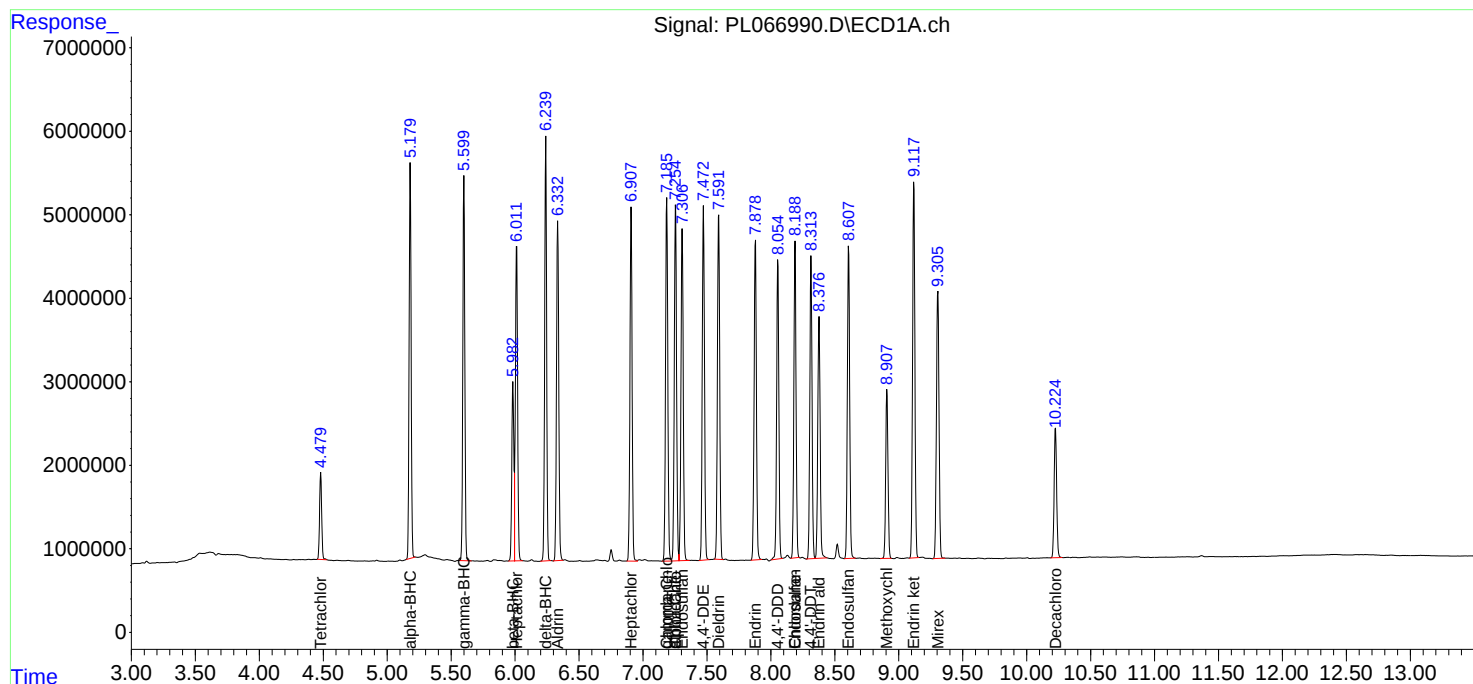
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

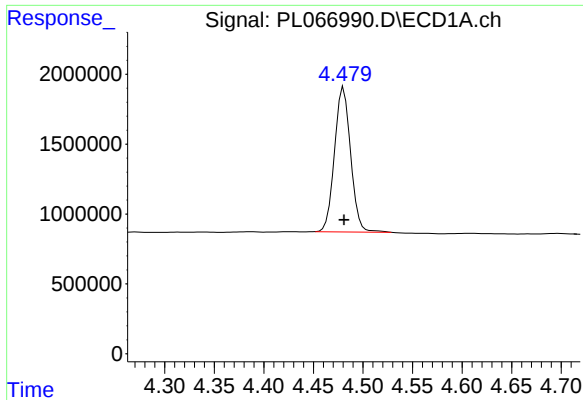
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060221\  
Data File : PL066990.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Jun 2021 11:21  
Operator : AR\AJ  
Sample : M2551-02MS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 02 14:41:41 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060121.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 02 14:20:39 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

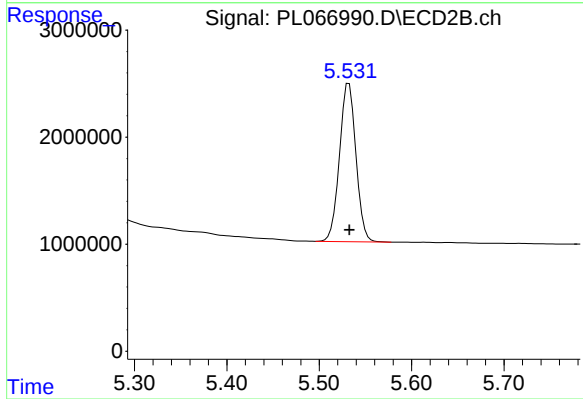




#1 Tetrachloro-m-xylene

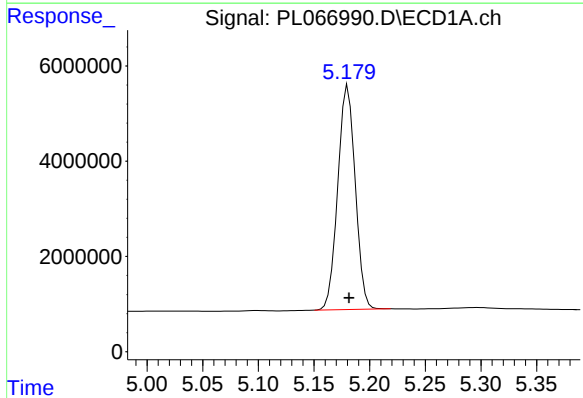
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 11711966  
Conc: 28.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



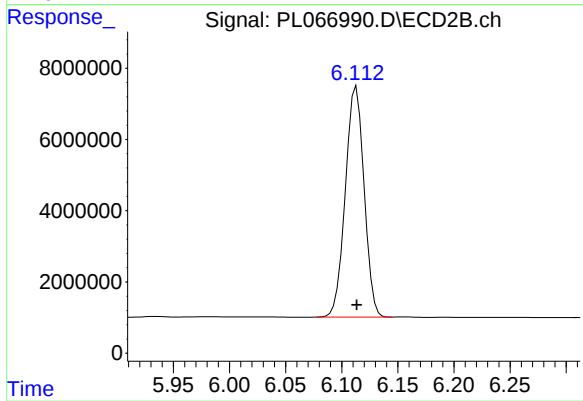
#1 Tetrachloro-m-xylene

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 18311492  
Conc: 28.31 ng/ml



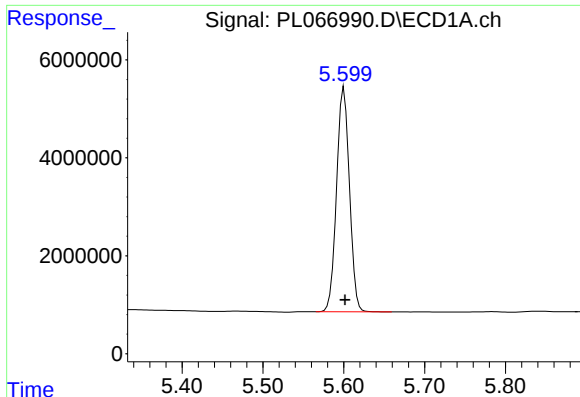
#2 alpha-BHC

R.T.: 5.181 min  
Delta R.T.: 0.000 min  
Response: 51451293  
Conc: 97.29 ng/ml



#2 alpha-BHC

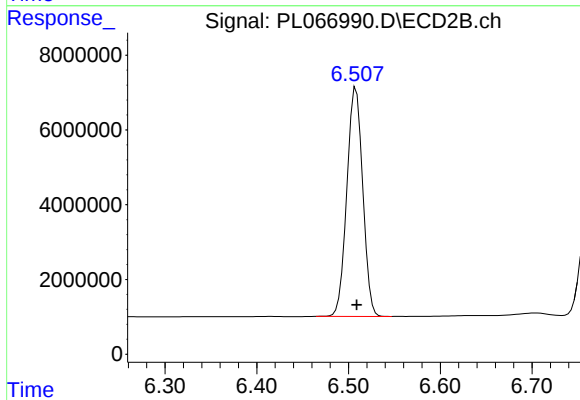
R.T.: 6.113 min  
Delta R.T.: 0.000 min  
Response: 75195444  
Conc: 95.26 ng/ml



#3 gamma-BHC (Lindane)

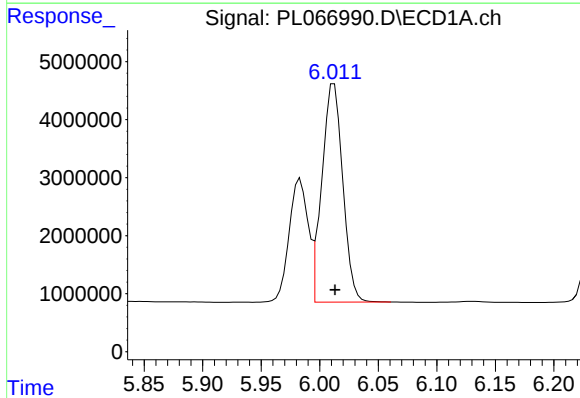
R.T.: 5.600 min  
Delta R.T.: -0.001 min  
Response: 50667507  
Conc: 90.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



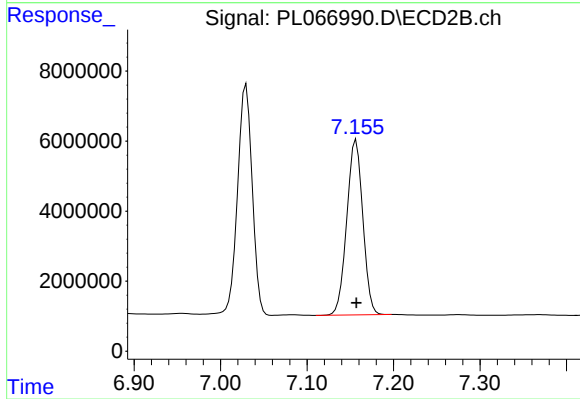
#3 gamma-BHC (Lindane)

R.T.: 6.508 min  
Delta R.T.: 0.000 min  
Response: 73586557  
Conc: 97.13 ng/ml



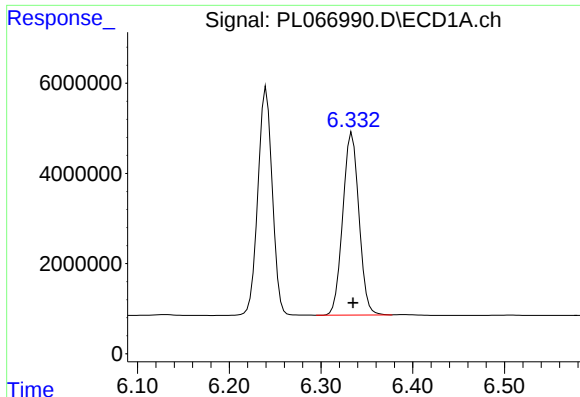
#4 Heptachlor

R.T.: 6.012 min  
Delta R.T.: 0.000 min  
Response: 46659194  
Conc: 88.82 ng/ml



#4 Heptachlor

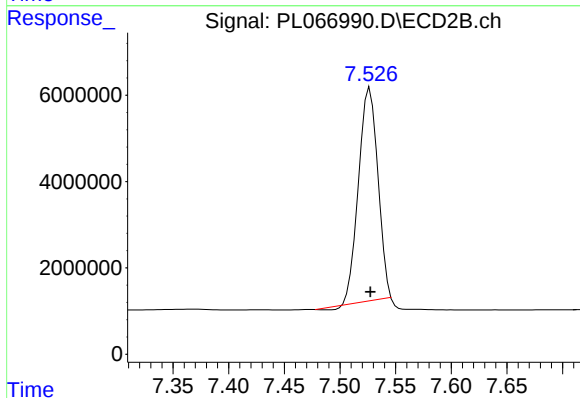
R.T.: 7.157 min  
Delta R.T.: 0.000 min  
Response: 64120750  
Conc: 90.91 ng/ml



#5 Aldrin

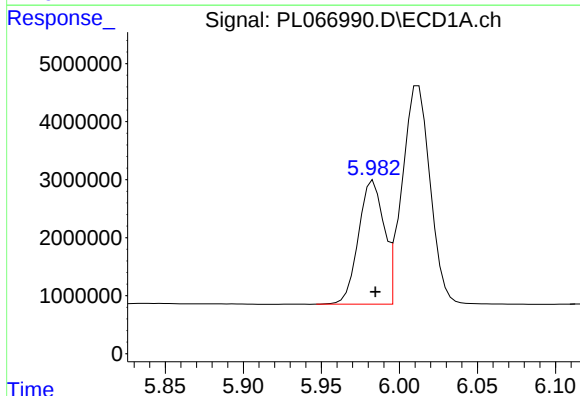
R.T.: 6.334 min  
Delta R.T.: -0.001 min  
Response: 49462026  
Conc: 90.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



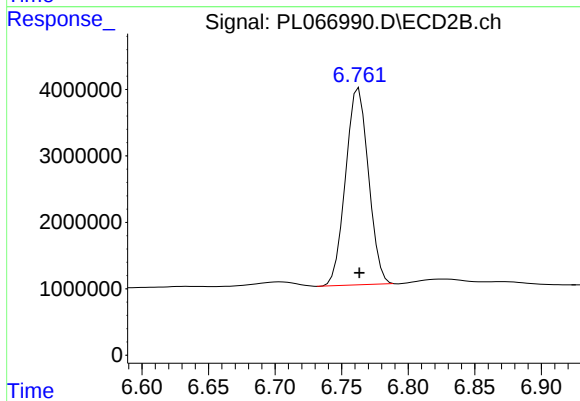
#5 Aldrin

R.T.: 7.527 min  
Delta R.T.: 0.000 min  
Response: 59624088  
Conc: 81.63 ng/ml



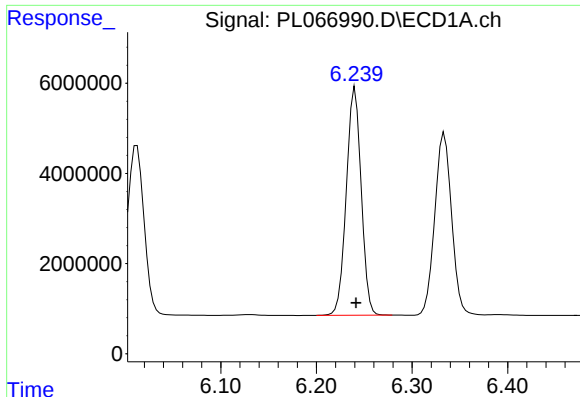
#6 beta-BHC

R.T.: 5.983 min  
Delta R.T.: -0.001 min  
Response: 23990982  
Conc: 90.07 ng/ml



#6 beta-BHC

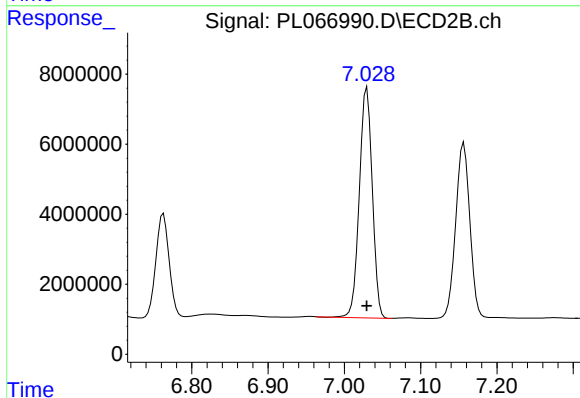
R.T.: 6.763 min  
Delta R.T.: 0.000 min  
Response: 35534217  
Conc: 94.23 ng/ml



#7 delta-BHC

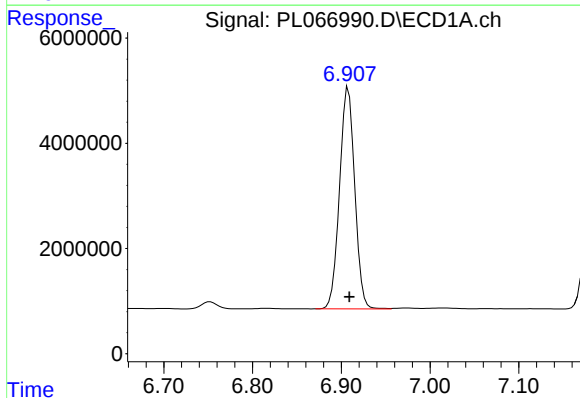
R.T.: 6.241 min  
Delta R.T.: 0.000 min  
Response: 54884499  
Conc: 103.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



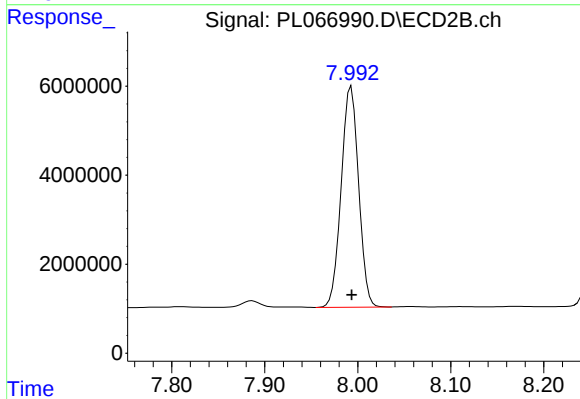
#7 delta-BHC

R.T.: 7.030 min  
Delta R.T.: 0.000 min  
Response: 77456526  
Conc: 102.01 ng/ml



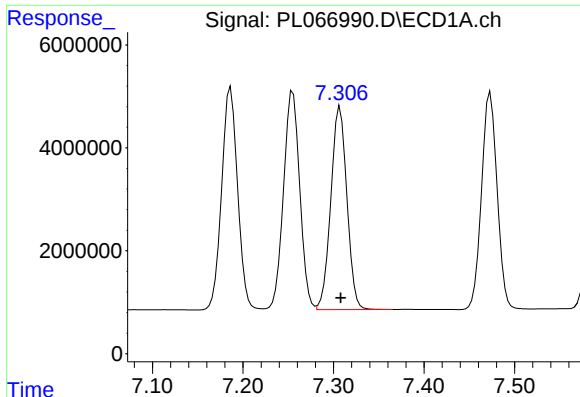
#8 Heptachlor epoxide

R.T.: 6.908 min  
Delta R.T.: -0.001 min  
Response: 50114610  
Conc: 94.48 ng/ml



#8 Heptachlor epoxide

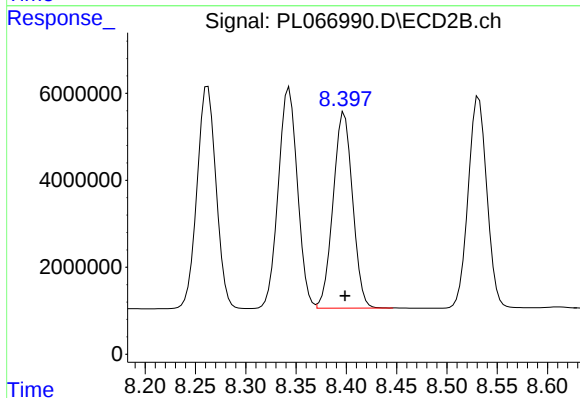
R.T.: 7.993 min  
Delta R.T.: 0.000 min  
Response: 64605397  
Conc: 92.53 ng/ml



#9 Endosulfan I

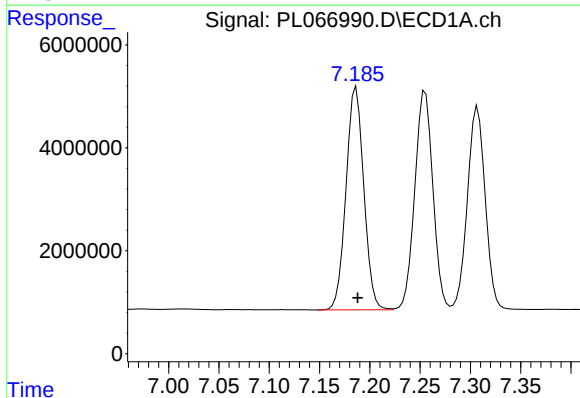
R.T.: 7.307 min  
Delta R.T.: 0.000 min  
Response: 48675073  
Conc: 92.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



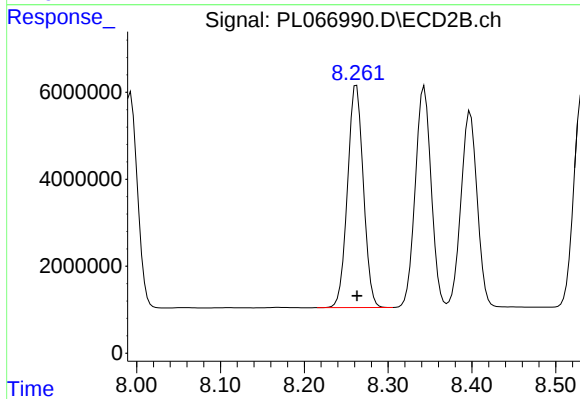
#9 Endosulfan I

R.T.: 8.398 min  
Delta R.T.: 0.000 min  
Response: 60579238  
Conc: 94.70 ng/ml



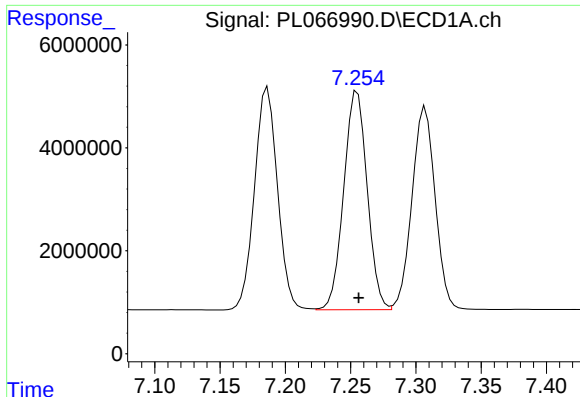
#10 gamma-Chlordane

R.T.: 7.186 min  
Delta R.T.: -0.001 min  
Response: 53027360  
Conc: 92.55 ng/ml



#10 gamma-Chlordane

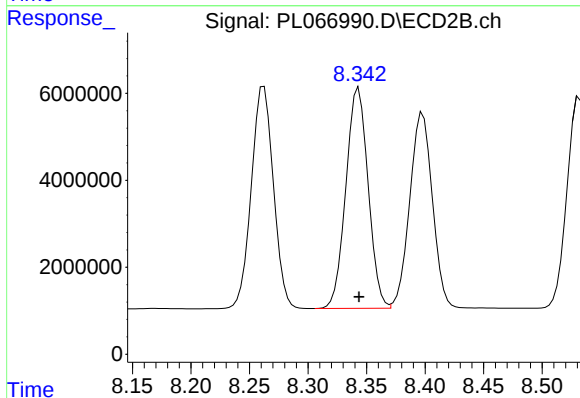
R.T.: 8.262 min  
Delta R.T.: 0.000 min  
Response: 67199401  
Conc: 94.62 ng/ml



#11 alpha-Chlordane

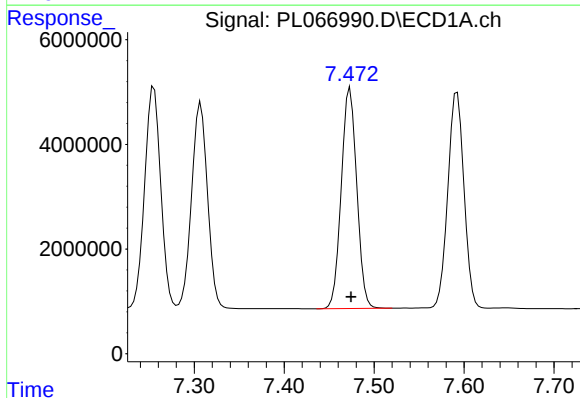
R.T.: 7.255 min  
Delta R.T.: 0.000 min  
Response: 53126759  
Conc: 92.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



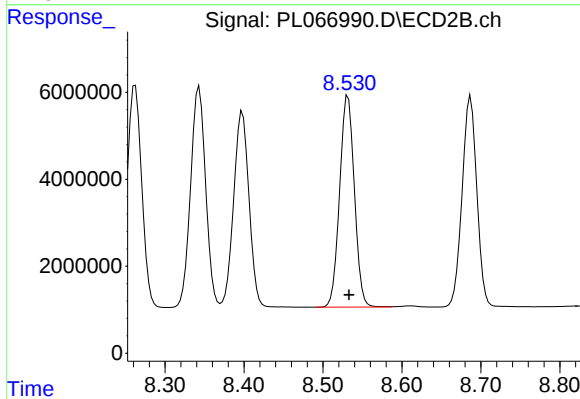
#11 alpha-Chlordane

R.T.: 8.343 min  
Delta R.T.: 0.000 min  
Response: 67163350  
Conc: 94.55 ng/ml



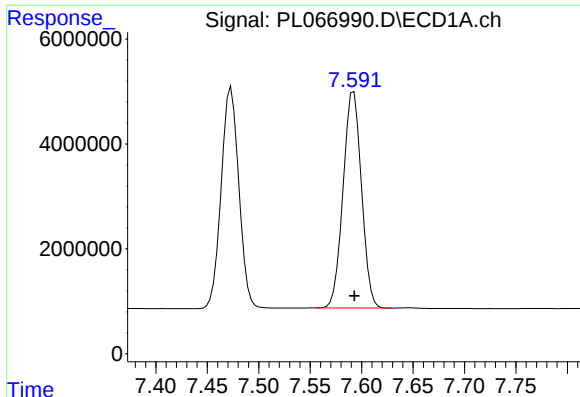
#12 4,4'-DDE

R.T.: 7.473 min  
Delta R.T.: -0.001 min  
Response: 50435242  
Conc: 94.46 ng/ml



#12 4,4'-DDE

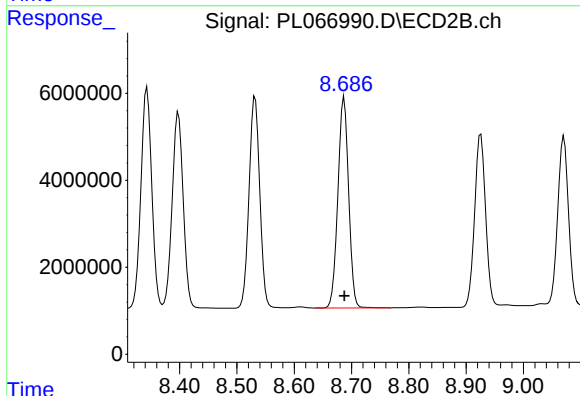
R.T.: 8.532 min  
Delta R.T.: -0.001 min  
Response: 63119988  
Conc: 96.56 ng/ml



#13 Dieldrin

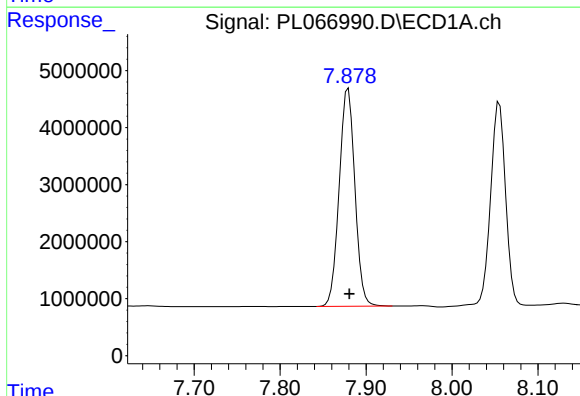
R.T.: 7.592 min  
Delta R.T.: 0.000 min  
Response: 51297542  
Conc: 91.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



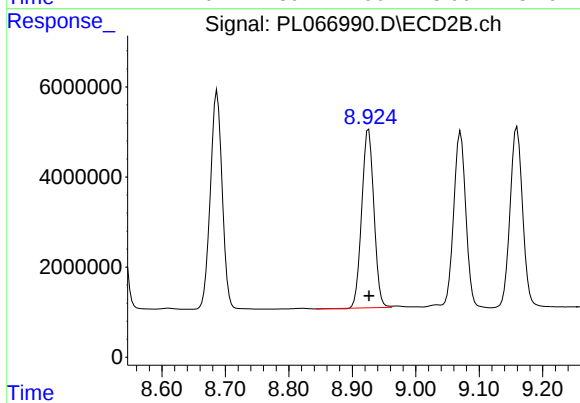
#13 Dieldrin

R.T.: 8.687 min  
Delta R.T.: 0.000 min  
Response: 62764097  
Conc: 94.95 ng/ml



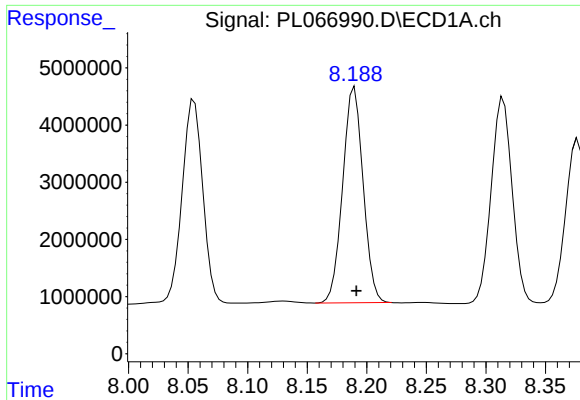
#14 Endrin

R.T.: 7.879 min  
Delta R.T.: -0.001 min  
Response: 48483728  
Conc: 93.62 ng/ml



#14 Endrin

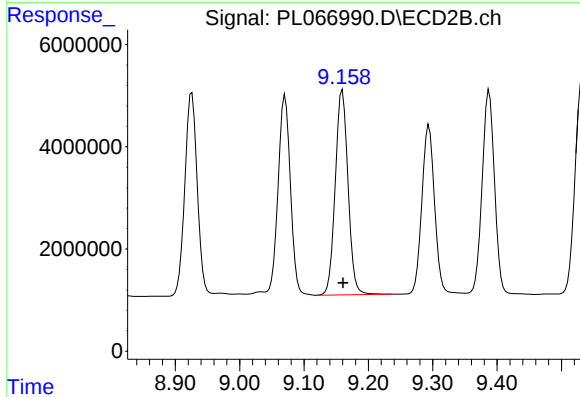
R.T.: 8.926 min  
Delta R.T.: 0.000 min  
Response: 52641312  
Conc: 93.21 ng/ml



#15 Endosulfan II

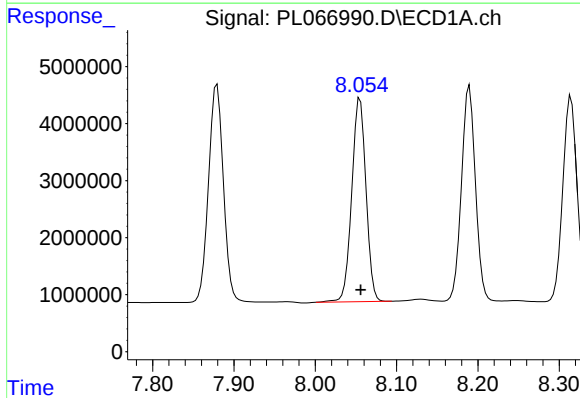
R.T.: 8.190 min  
Delta R.T.: -0.002 min  
Response: 45100938  
Conc: 87.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



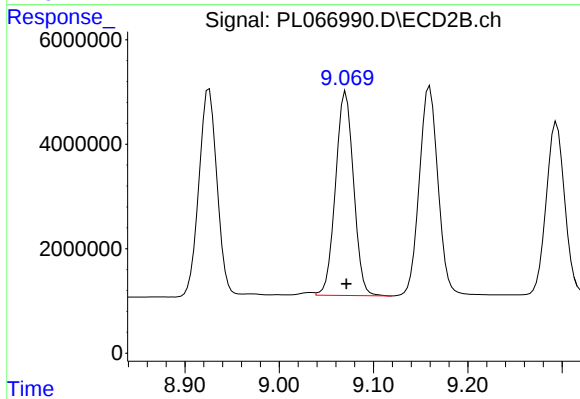
#15 Endosulfan II

R.T.: 9.160 min  
Delta R.T.: -0.001 min  
Response: 55349398  
Conc: 89.73 ng/ml



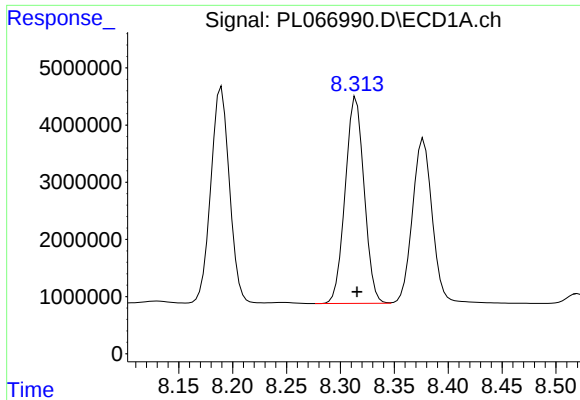
#16 4,4'-DDD

R.T.: 8.055 min  
Delta R.T.: 0.000 min  
Response: 43302621  
Conc: 95.57 ng/ml



#16 4,4'-DDD

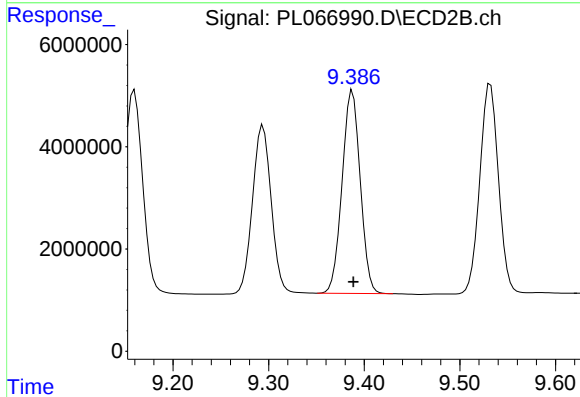
R.T.: 9.071 min  
Delta R.T.: 0.000 min  
Response: 51872400  
Conc: 95.99 ng/ml



#17 4,4'-DDT

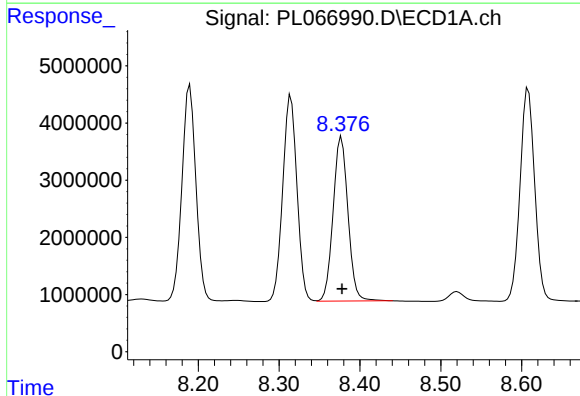
R.T.: 8.315 min  
Delta R.T.: 0.000 min  
Response: 44175292  
Conc: 95.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



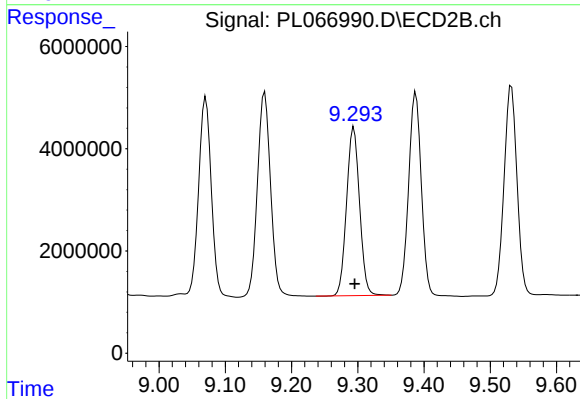
#17 4,4'-DDT

R.T.: 9.388 min  
Delta R.T.: 0.000 min  
Response: 52535003  
Conc: 100.75 ng/ml



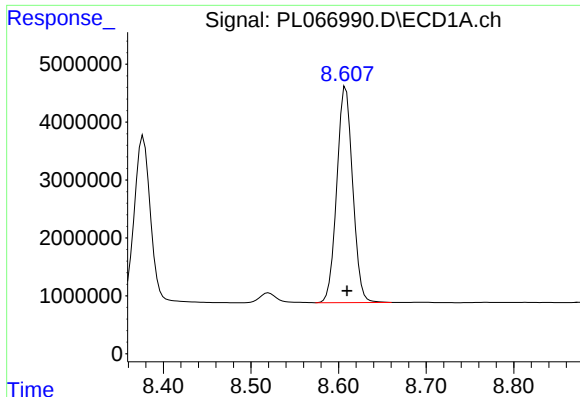
#18 Endrin aldehyde

R.T.: 8.377 min  
Delta R.T.: 0.000 min  
Response: 36725396  
Conc: 79.78 ng/ml



#18 Endrin aldehyde

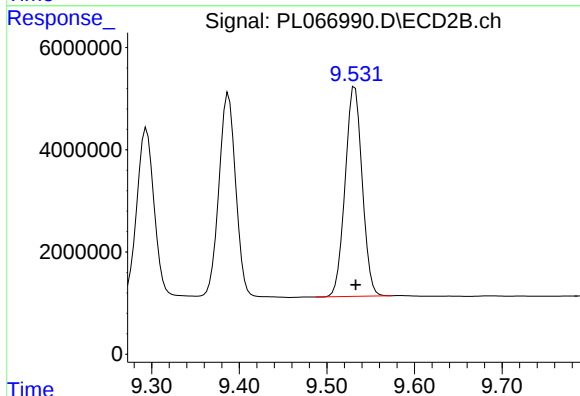
R.T.: 9.294 min  
Delta R.T.: -0.001 min  
Response: 44881909  
Conc: 82.49 ng/ml



#19 Endosulfan Sulfate

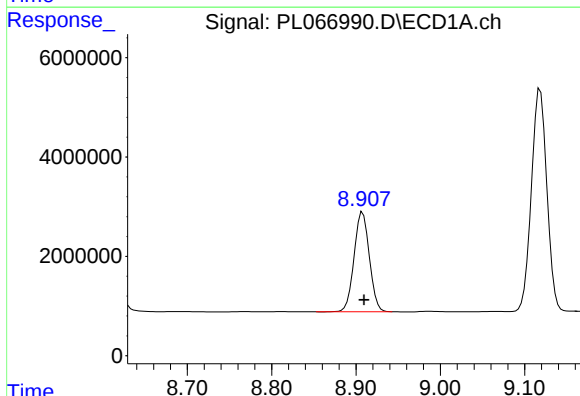
R.T.: 8.608 min  
Delta R.T.: -0.002 min  
Response: 46933467  
Conc: 84.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



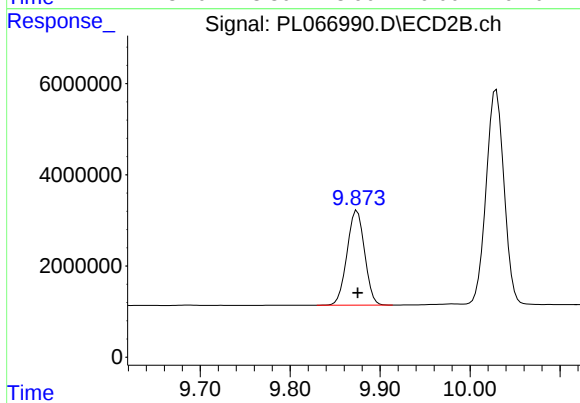
#19 Endosulfan Sulfate

R.T.: 9.532 min  
Delta R.T.: 0.000 min  
Response: 55502448  
Conc: 89.20 ng/ml



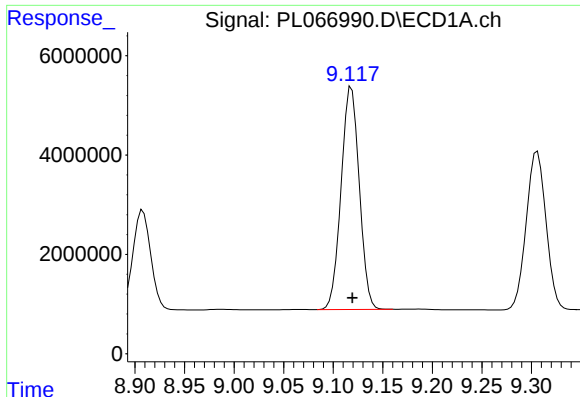
#20 Methoxychlor

R.T.: 8.908 min  
Delta R.T.: -0.002 min  
Response: 25279397  
Conc: 84.80 ng/ml



#20 Methoxychlor

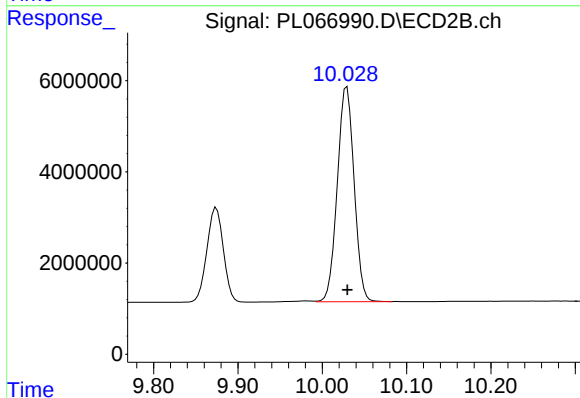
R.T.: 9.874 min  
Delta R.T.: 0.000 min  
Response: 28122816  
Conc: 88.54 ng/ml



#21 Endrin ketone

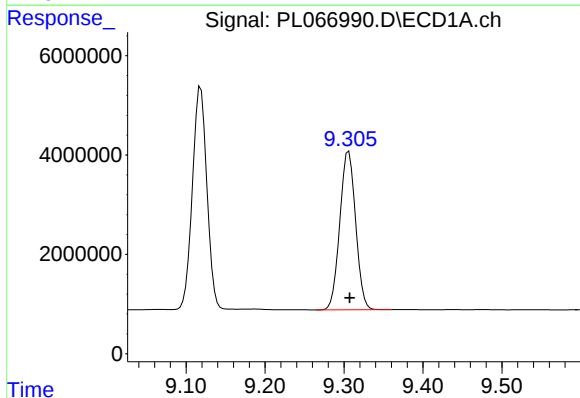
R.T.: 9.118 min  
Delta R.T.: 0.000 min  
Response: 57171627  
Conc: 89.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



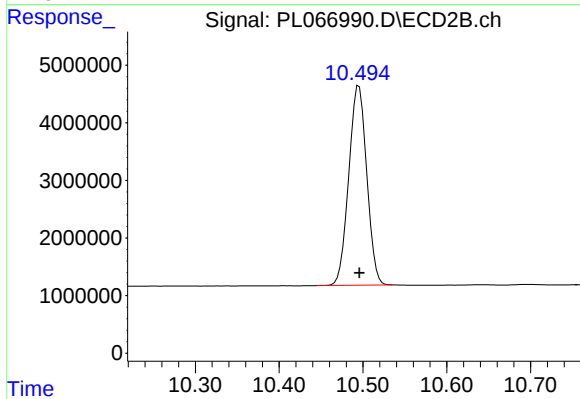
#21 Endrin ketone

R.T.: 10.029 min  
Delta R.T.: 0.000 min  
Response: 65303772  
Conc: 90.07 ng/ml



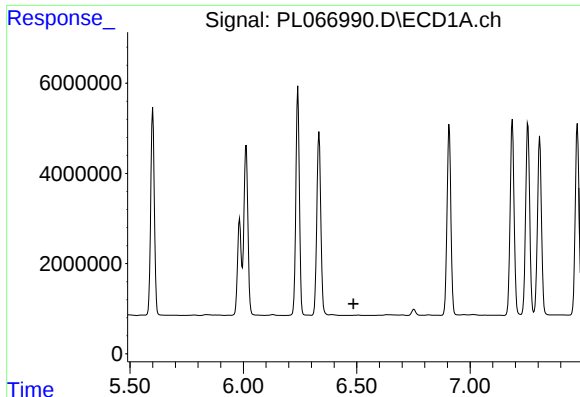
#22 Mirex

R.T.: 9.306 min  
Delta R.T.: -0.001 min  
Response: 44372036  
Conc: 76.70 ng/ml



#22 Mirex

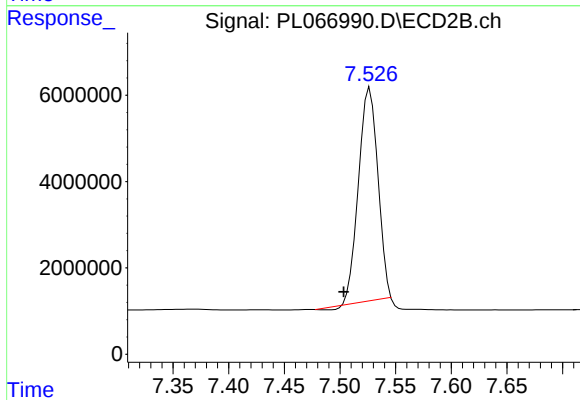
R.T.: 10.495 min  
Delta R.T.: 0.000 min  
Response: 51829465  
Conc: 80.53 ng/ml



#24 Chlordane-2

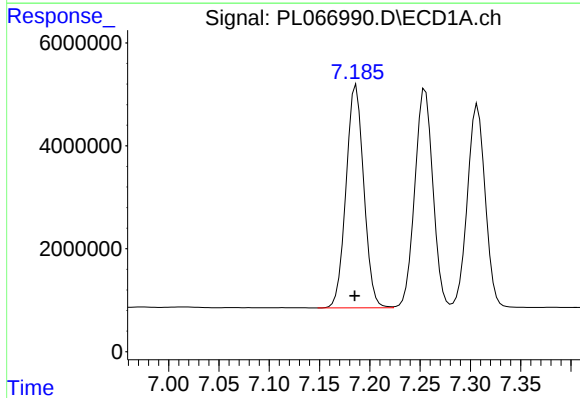
R.T.: 0.000 min  
Exp R.T.: 6.486 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



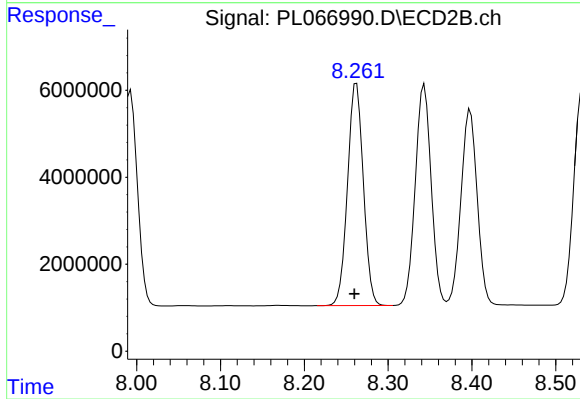
#24 Chlordane-2

R.T.: 7.527 min  
Delta R.T.: 0.024 min  
Response: 59624088  
Conc: 2024.78 ng/ml



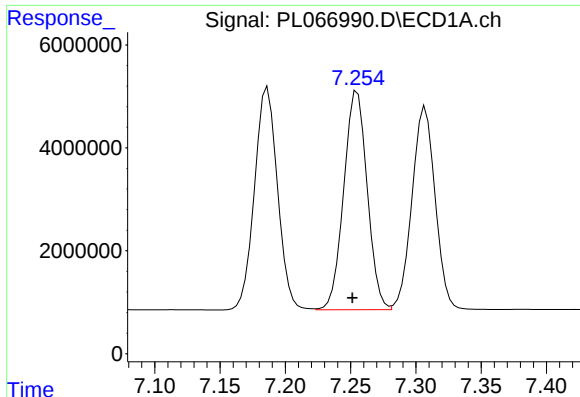
#25 Chlordane-3

R.T.: 7.186 min  
Delta R.T.: 0.002 min  
Response: 53027360  
Conc: 910.24 ng/ml



#25 Chlordane-3

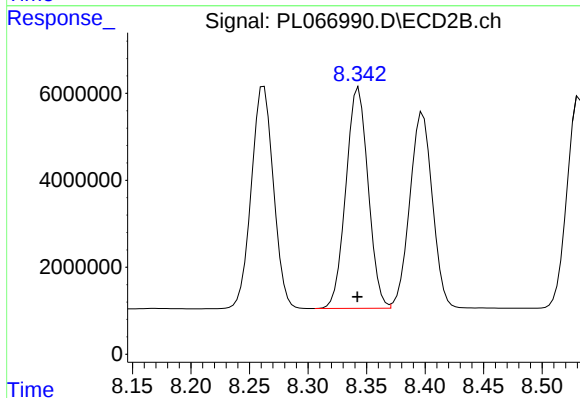
R.T.: 8.262 min  
Delta R.T.: 0.002 min  
Response: 67199401  
Conc: 641.94 ng/ml



#26 Chlordane-4

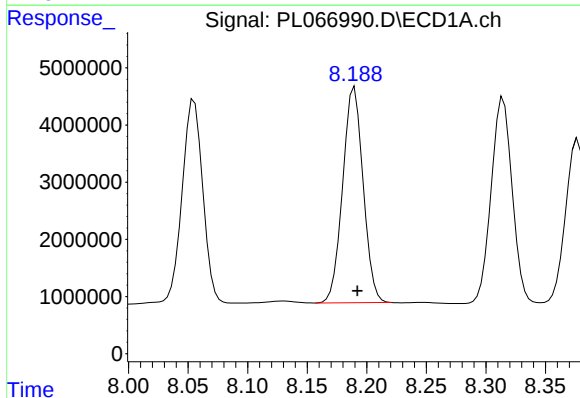
R.T.: 7.255 min  
Delta R.T.: 0.004 min  
Response: 53126759  
Conc: 832.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



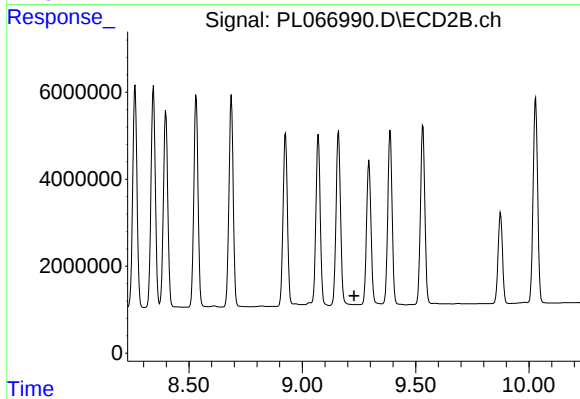
#26 Chlordane-4

R.T.: 8.343 min  
Delta R.T.: 0.000 min  
Response: 67163350  
Conc: 526.92 ng/ml



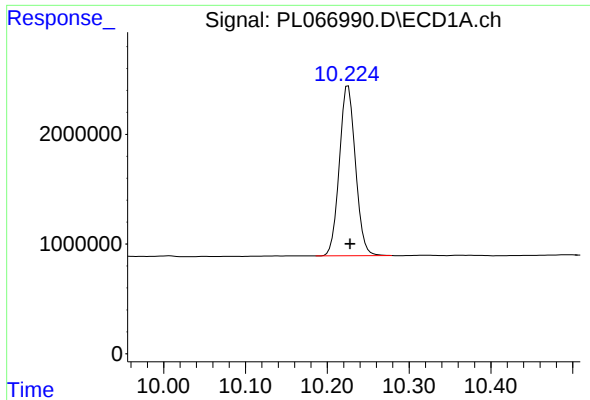
#27 Chlordane-5

R.T.: 8.190 min  
Delta R.T.: -0.002 min  
Response: 45100938  
Conc: 2390.24 ng/ml



#27 Chlordane-5

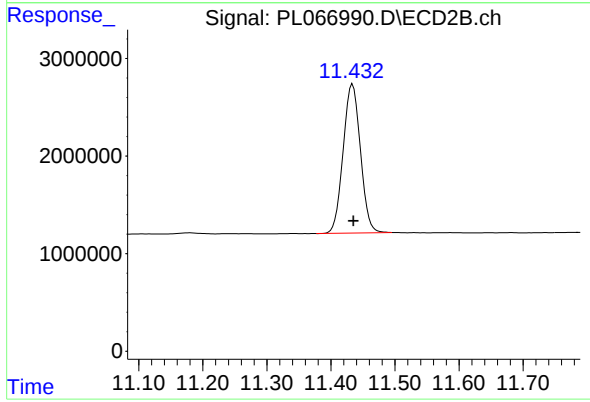
R.T.: 0.000 min  
Exp R.T.: 9.229 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.226 min  
Delta R.T.: -0.002 min  
Response: 21099400  
Conc: 32.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.434 min  
Delta R.T.: -0.001 min  
Response: 28564180  
Conc: 34.24 ng/ml