

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080323\  
 Data File : PL084492.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Aug 2023 19:49  
 Operator : AR\AJ  
 Sample : 03805-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 04 02:12:51 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 16:21:43 2023  
 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... | 3.476  | 2.687  | 39558580 | 20566325 | 17.026    | 18.913      |
| 28)                         | SA Decachlor... | 9.026  | 7.867  | 48999422 | 38089400 | 30.115    | 30.550      |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 3.934  | 3.192  | 1581.9E6 | 728.1E6  | 479.160   | 471.520     |
| 3)                          | MA gamma-BHC... | 4.268  | 3.522  | 961.6E6  | 480.5E6  | 301.433   | 316.222     |
| 4)                          | MA Heptachlor   | 4.860  | 3.864  | 2328.0E6 | 1036.7E6 | 692.261   | 727.979     |
| 5)                          | MB Aldrin       | 5.202  | 4.143  | 1388.4E6 | 644.6E6  | 420.033   | 443.532     |
| 6)                          | B beta-BHC      | 4.467  | 3.824  | 914.6E6  | 458.3E6  | 654.730   | 684.005     |
| 7)                          | B delta-BHC     | 4.714  | 4.053  | 1698.6E6 | 806.8E6  | 526.752   | 531.417     |
| 8)                          | B Heptachlo...  | 5.632  | 4.650  | 737.2E6  | 358.3E6  | 244.682   | 270.036     |
| 9)                          | A Endosulfan I  | 6.018  | 5.020  | 1105.8E6 | 563.7E6  | 420.106   | 454.816     |
| 10)                         | B gamma-Chl...  | 5.890  | 4.903  | 1239.3E6 | 614.4E6  | 432.770   | 453.020     |
| 11)                         | B alpha-Chl...  | 5.969  | 4.967  | 730.1E6  | 375.1E6  | 258.596   | 275.296     |
| 12)                         | B 4,4'-DDE      | 6.149  | 5.165  | 2828.4E6 | 1437.1E6 | 1232.291  | 1166.999    |
| 13)                         | MA Dieldrin     | 6.295  | 5.287  | 2373.4E6 | 1211.4E6 | 898.109   | 892.219     |
| 14)                         | MA Endrin       | 6.524  | 5.562  | 1087.1E6 | 624.3E6  | 498.454   | 510.375     |
| 15)                         | B Endosulfa...  | 6.746  | 5.860  | 1065.5E6 | 614.8E6  | 503.788   | 509.520     |
| 16)                         | A 4,4'-DDD      | 6.668  | 5.722  | 1608.6E6 | 896.6E6  | 959.456   | 867.805     |
| 17)                         | MA 4,4'-DDT     | 6.983  | 5.975  | 1967.4E6 | 1028.7E6 | 1049.995  | 886.374     |
| 18)                         | B Endrin al...  | 6.876  | 6.041  | 631.0E6  | 389.0E6  | 374.043   | 392.258     |
| 19)                         | B Endosulfa...  | 7.112  | 6.266  | 397.0E6  | 260.2E6  | 198.719   | 218.822     |
| 20)                         | A Methoxychlor  | 7.464  | 6.559  | 415.0E6  | 300.9E6  | 432.404   | 438.534     |
| 21)                         | B Endrin ke...  | 7.596  | 6.771  | 1023.9E6 | 719.3E6  | 511.825   | 498.563     |
| 22)                         | Mirex           | 0.000  | 6.928f | 0        | 160314   | N.D.      | 0.139 #     |
| 23)                         | Chlordane-1     | 0.000  | 3.681  | 0        | 289005   | N.D.      | 7.540 #     |
| 24)                         | Chlordane-2     | 5.202f | 4.262  | 1388.4E6 | -275907  | 12160.676 | N.D. #      |
| 25)                         | Chlordane-3     | 5.890  | 4.903  | 1239.3E6 | 614.4E6  | 3072.574  | 4435.323 #  |
| 26)                         | Chlordane-4     | 5.969  | 4.967  | 730.1E6  | 375.1E6  | 1507.201  | 2613.380 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.860  | 0        | 614.8E6  | N.D.      | 12070.857 # |
| -----                       |                 |        |        |          |          |           |             |

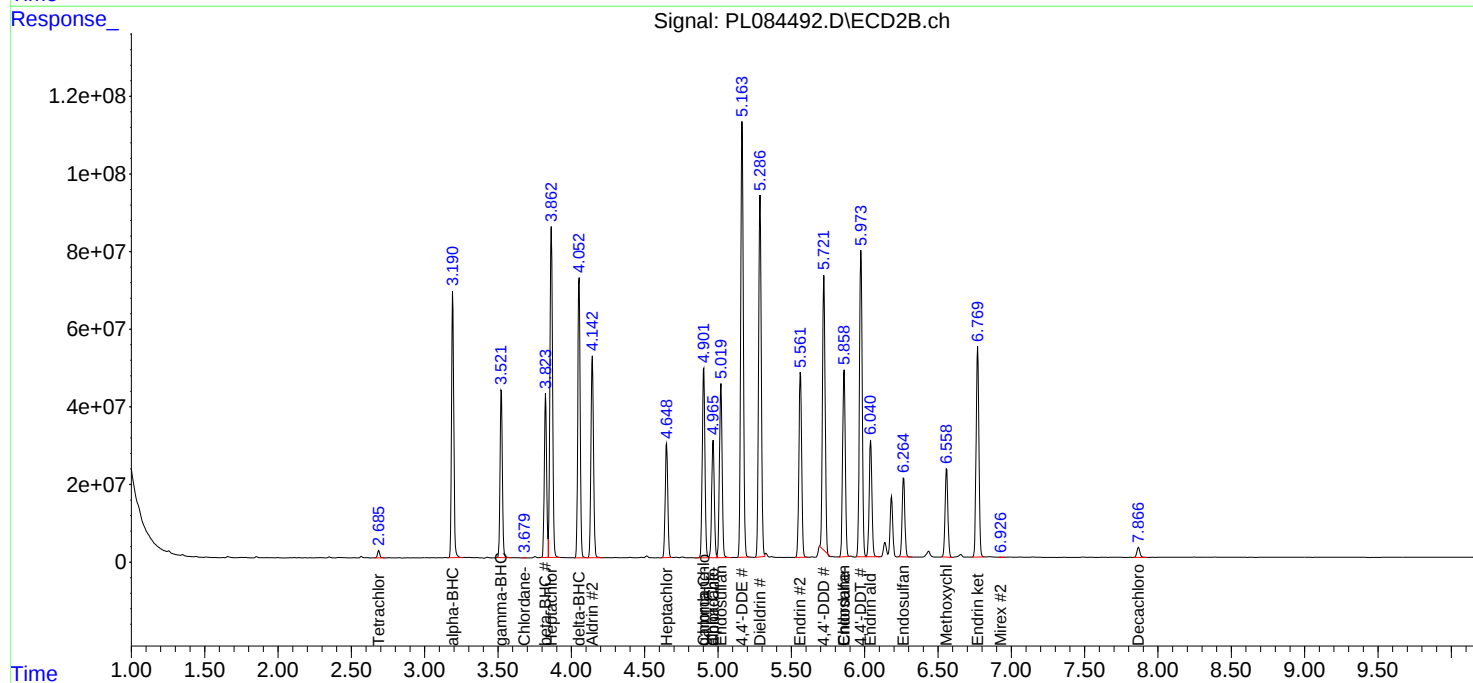
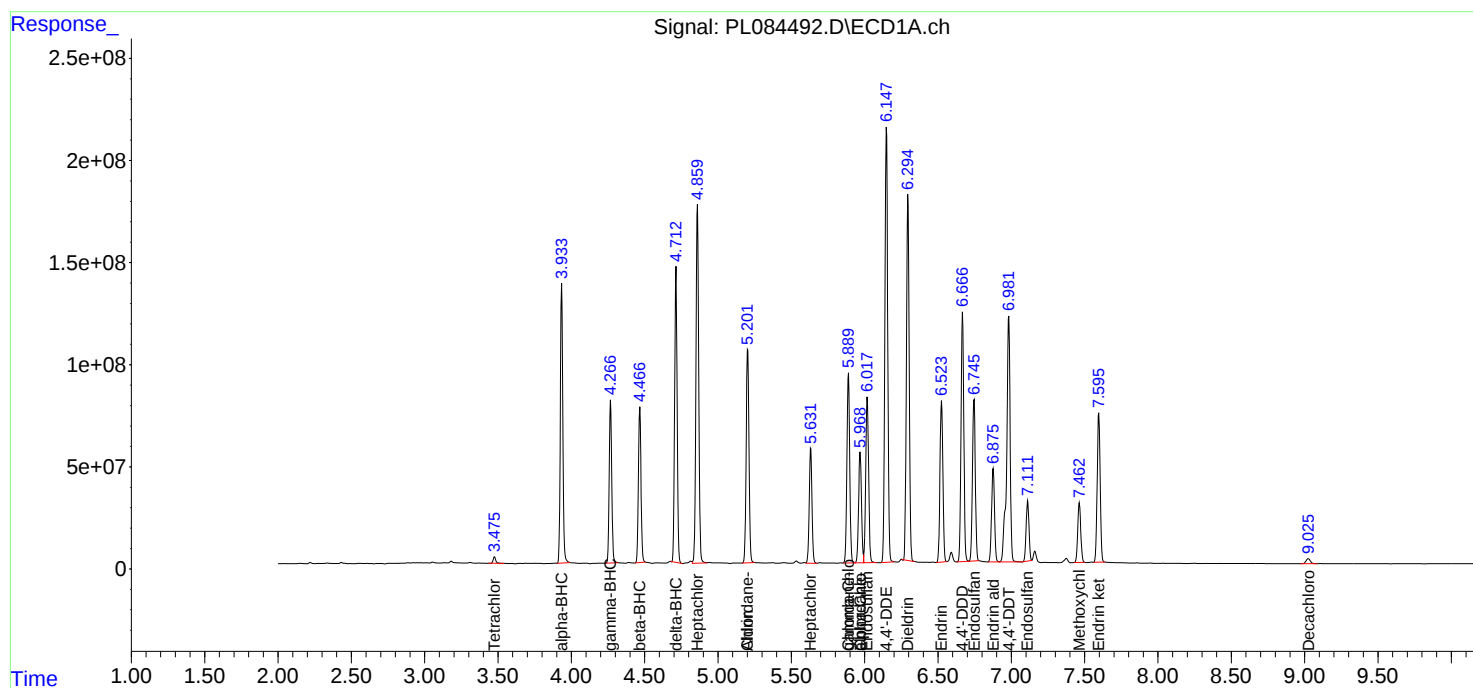
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

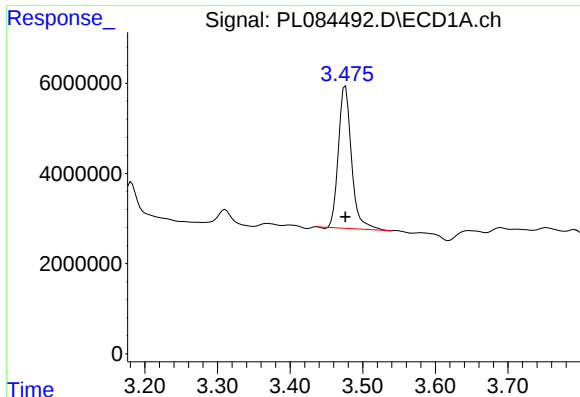
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080323\  
Data File : PL084492.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Aug 2023 19:49  
Operator : AR\AJ  
Sample : 03805-09  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 04 02:12:51 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 03 16:21:43 2023  
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

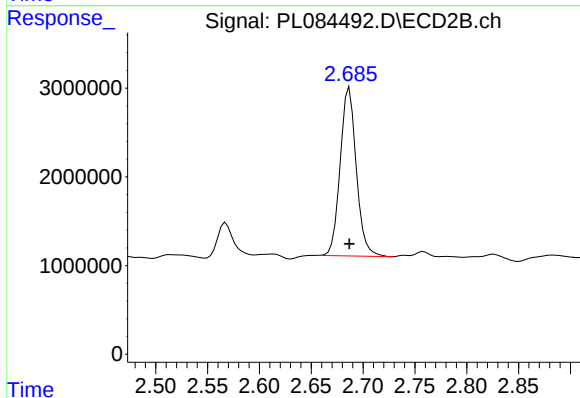




#1 Tetrachloro-m-xylene

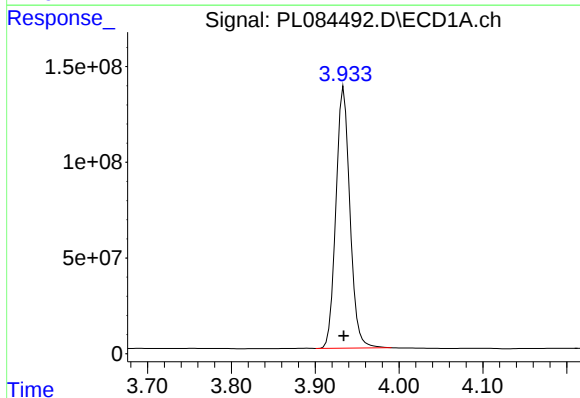
R.T.: 3.476 min  
Delta R.T.: 0.000 min  
Response: 39558580  
Conc: 17.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



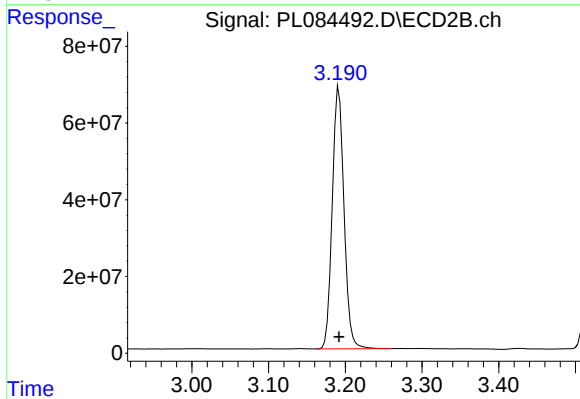
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 20566325  
Conc: 18.91 ng/ml



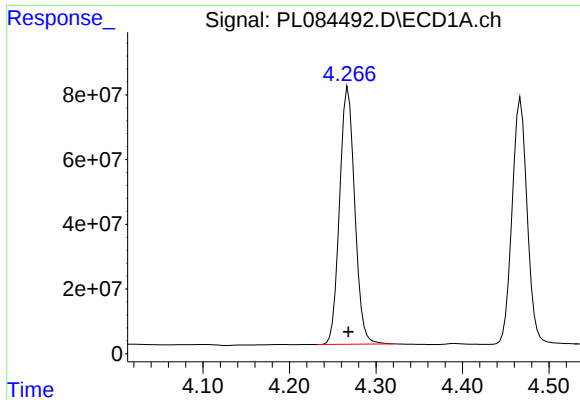
#2 alpha-BHC

R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 1581902297  
Conc: 479.16 ng/ml



#2 alpha-BHC

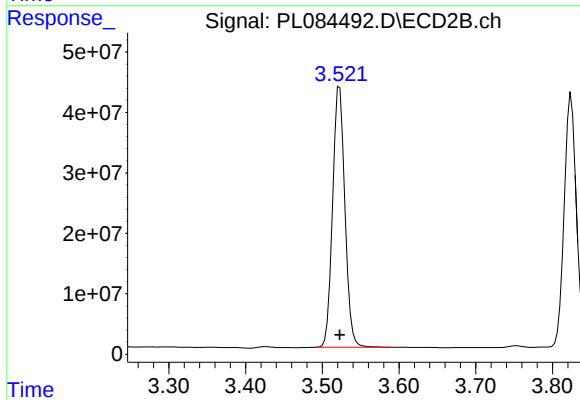
R.T.: 3.192 min  
Delta R.T.: 0.000 min  
Response: 728062452  
Conc: 471.52 ng/ml



#3 gamma-BHC (Lindane)

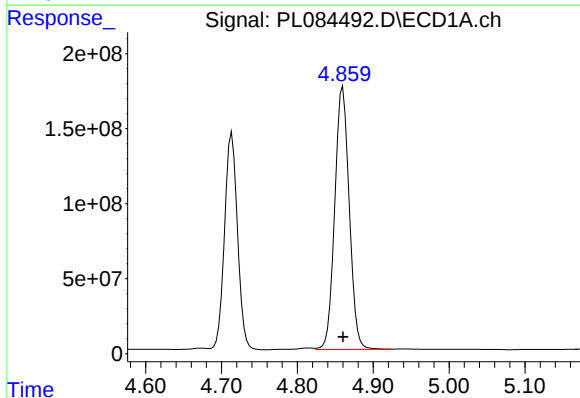
R.T.: 4.268 min  
Delta R.T.: 0.000 min  
Response: 961572086  
Conc: 301.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



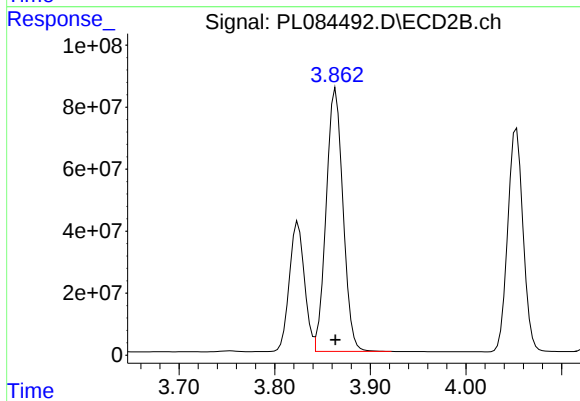
#3 gamma-BHC (Lindane)

R.T.: 3.522 min  
Delta R.T.: 0.000 min  
Response: 480510000  
Conc: 316.22 ng/ml



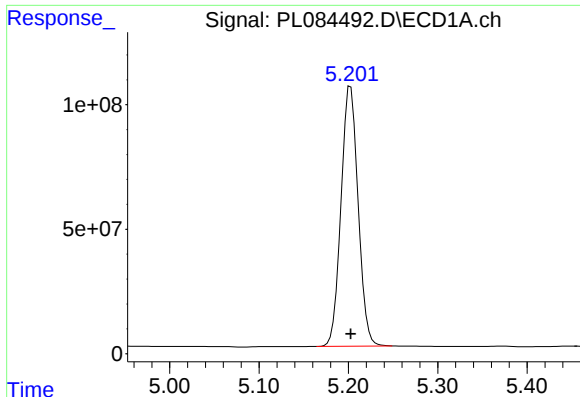
#4 Heptachlor

R.T.: 4.860 min  
Delta R.T.: 0.000 min  
Response: 2327976441  
Conc: 692.26 ng/ml



#4 Heptachlor

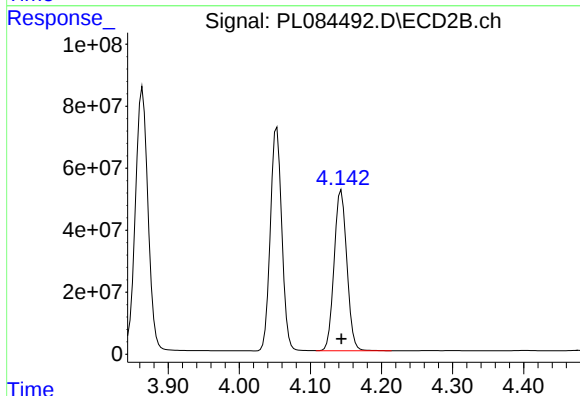
R.T.: 3.864 min  
Delta R.T.: 0.000 min  
Response: 1036745712  
Conc: 727.98 ng/ml



#5 Aldrin

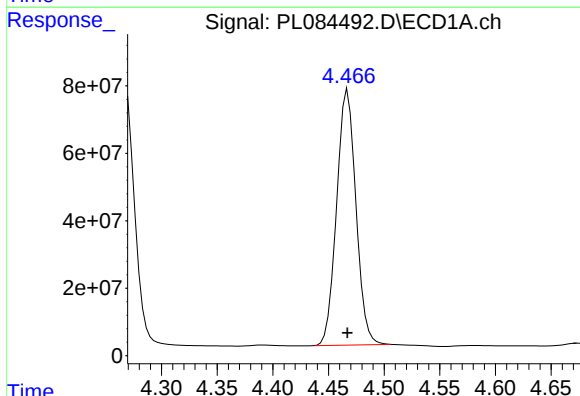
R.T.: 5.202 min  
Delta R.T.: 0.000 min  
Response: 1388360988  
Conc: 420.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



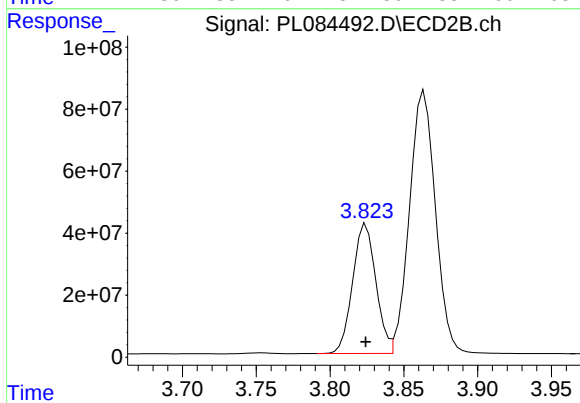
#5 Aldrin

R.T.: 4.143 min  
Delta R.T.: 0.000 min  
Response: 644629615  
Conc: 443.53 ng/ml



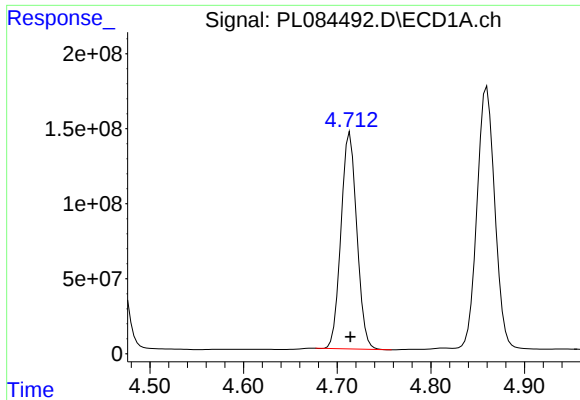
#6 beta-BHC

R.T.: 4.467 min  
Delta R.T.: 0.000 min  
Response: 914606829  
Conc: 654.73 ng/ml



#6 beta-BHC

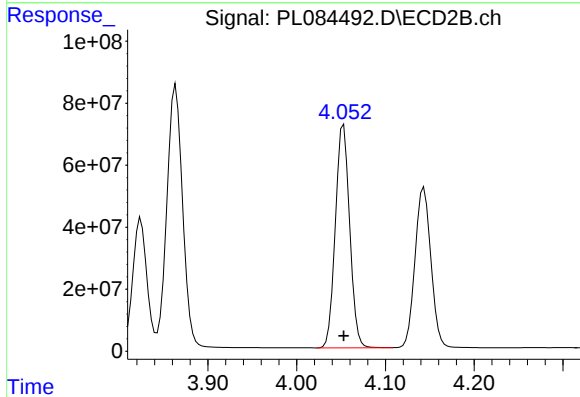
R.T.: 3.824 min  
Delta R.T.: 0.000 min  
Response: 458298155  
Conc: 684.01 ng/ml



#7 delta-BHC

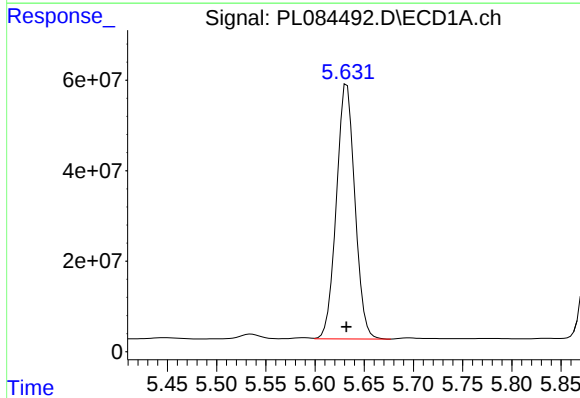
R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 1698626788  
Conc: 526.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



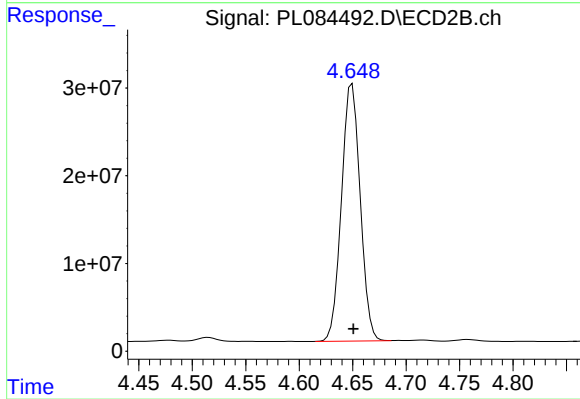
#7 delta-BHC

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 806804230  
Conc: 531.42 ng/ml



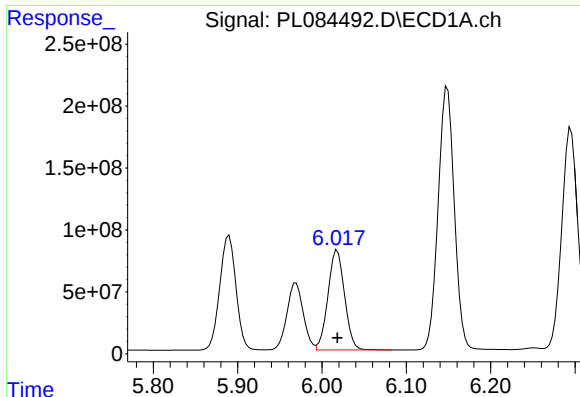
#8 Heptachlor epoxide

R.T.: 5.632 min  
Delta R.T.: 0.000 min  
Response: 737153916  
Conc: 244.68 ng/ml



#8 Heptachlor epoxide

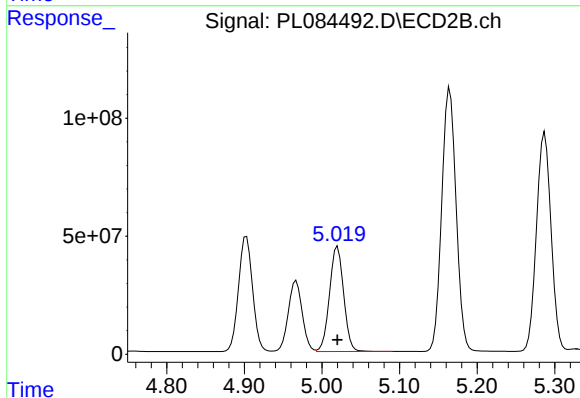
R.T.: 4.650 min  
Delta R.T.: 0.000 min  
Response: 358285545  
Conc: 270.04 ng/ml



#9 Endosulfan I

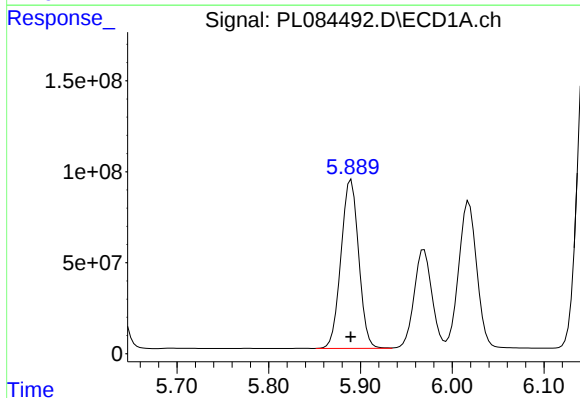
R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 1105828333  
Conc: 420.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



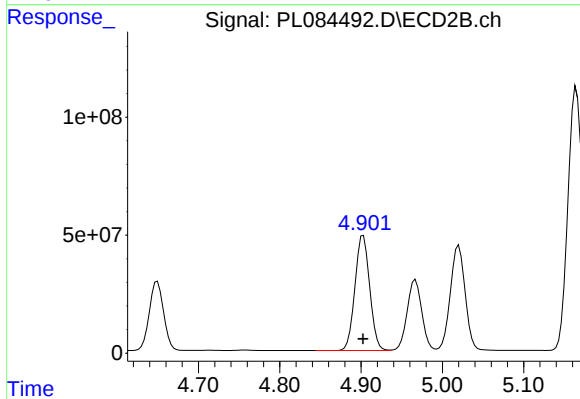
#9 Endosulfan I

R.T.: 5.020 min  
Delta R.T.: 0.000 min  
Response: 563652765  
Conc: 454.82 ng/ml



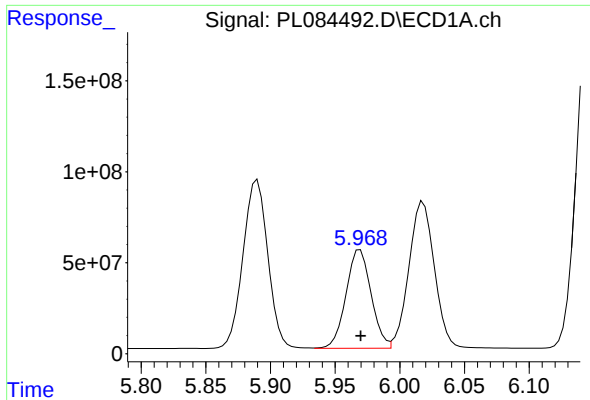
#10 gamma-Chlordane

R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 1239289939  
Conc: 432.77 ng/ml



#10 gamma-Chlordane

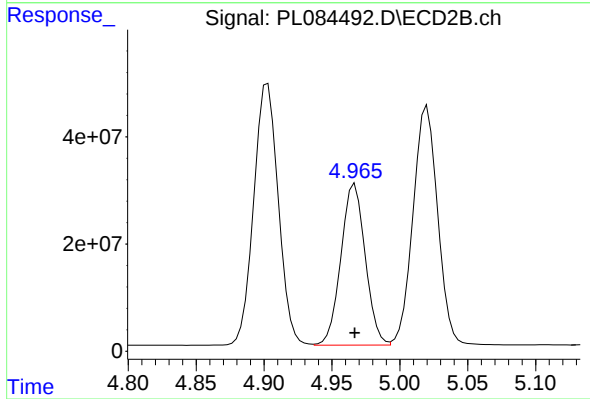
R.T.: 4.903 min  
Delta R.T.: 0.000 min  
Response: 614413772  
Conc: 453.02 ng/ml



#11 alpha-Chlordane

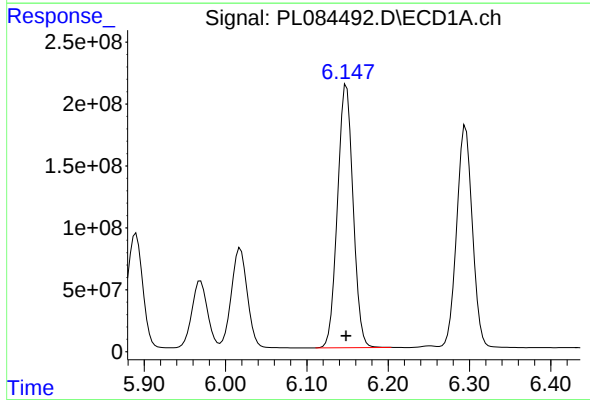
R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 730065504  
Conc: 258.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



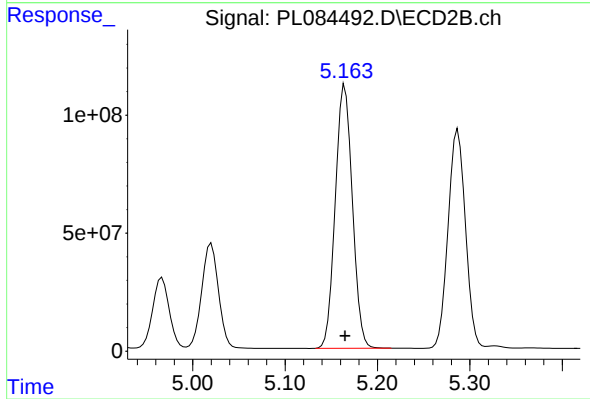
#11 alpha-Chlordane

R.T.: 4.967 min  
Delta R.T.: 0.000 min  
Response: 375090076  
Conc: 275.30 ng/ml



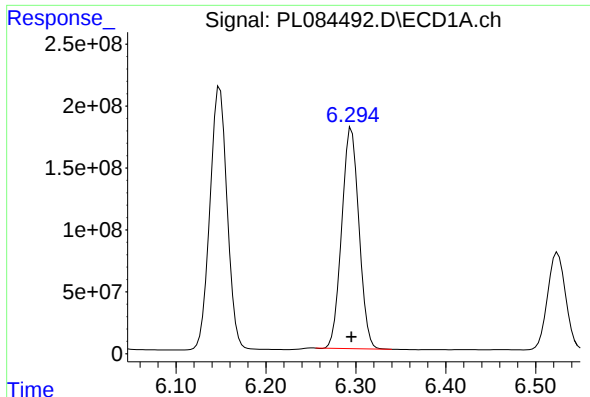
#12 4,4'-DDE

R.T.: 6.149 min  
Delta R.T.: 0.000 min  
Response: 2828448948  
Conc: 1232.29 ng/ml



#12 4,4'-DDE

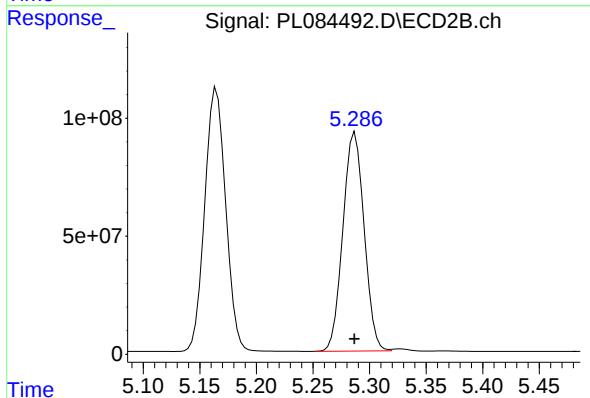
R.T.: 5.165 min  
Delta R.T.: 0.000 min  
Response: 1437117927  
Conc: 1167.00 ng/ml



#13 Dieldrin

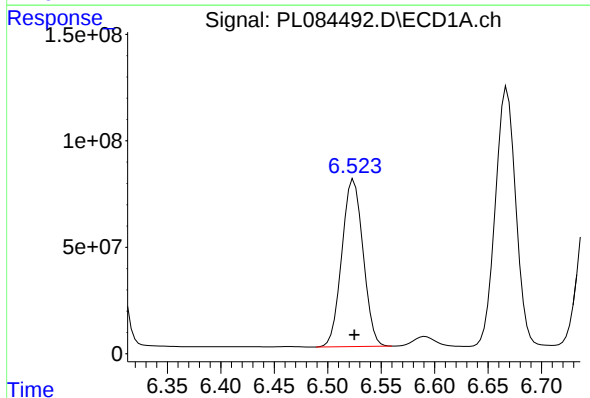
R.T.: 6.295 min  
Delta R.T.: 0.000 min  
Response: 2373358220  
Conc: 898.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



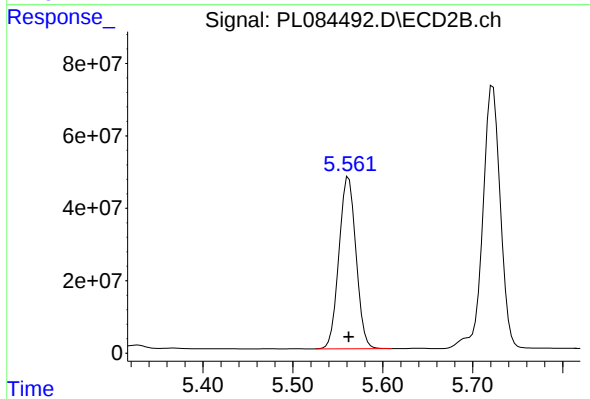
#13 Dieldrin

R.T.: 5.287 min  
Delta R.T.: 0.000 min  
Response: 1211443722  
Conc: 892.22 ng/ml



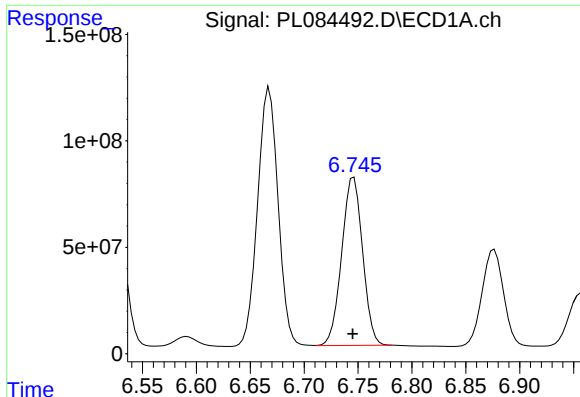
#14 Endrin

R.T.: 6.524 min  
Delta R.T.: 0.000 min  
Response: 1087123456  
Conc: 498.45 ng/ml



#14 Endrin

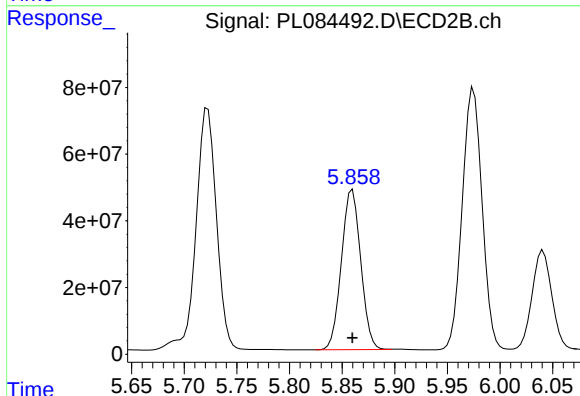
R.T.: 5.562 min  
Delta R.T.: 0.000 min  
Response: 624295184  
Conc: 510.37 ng/ml



#15 Endosulfan II

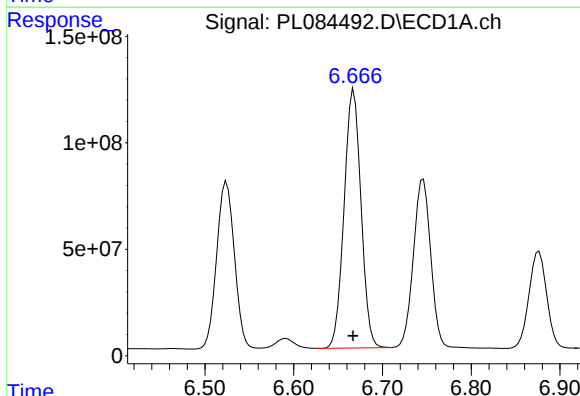
R.T.: 6.746 min  
Delta R.T.: 0.000 min  
Response: 1065516365  
Conc: 503.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



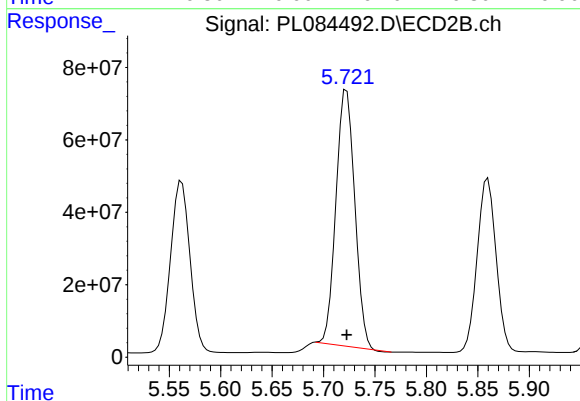
#15 Endosulfan II

R.T.: 5.860 min  
Delta R.T.: 0.000 min  
Response: 614780650  
Conc: 509.52 ng/ml



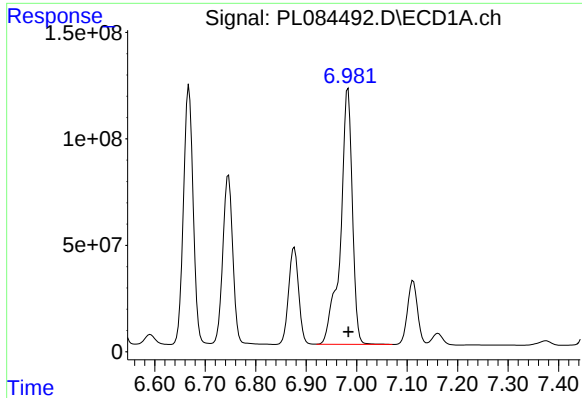
#16 4,4'-DDD

R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 1608613482  
Conc: 959.46 ng/ml



#16 4,4'-DDD

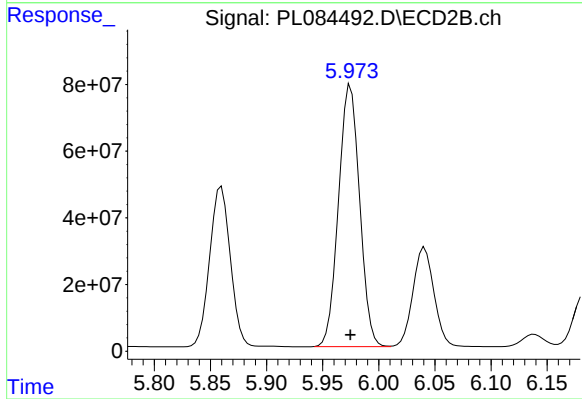
R.T.: 5.722 min  
Delta R.T.: 0.000 min  
Response: 896648301  
Conc: 867.81 ng/ml



#17 4,4'-DDT

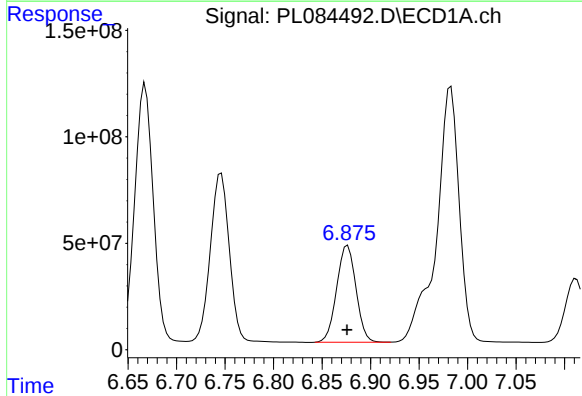
R.T.: 6.983 min  
Delta R.T.: 0.000 min  
Response: 1967380657  
Conc: 1049.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



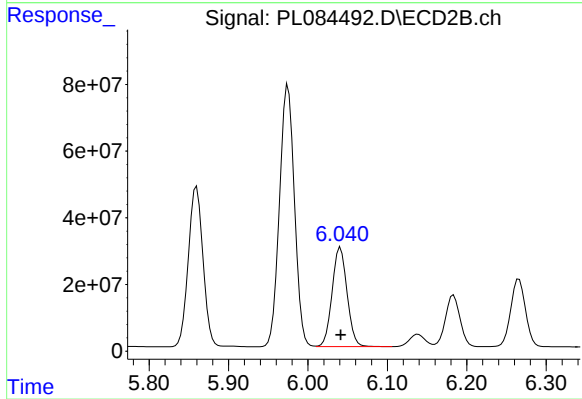
#17 4,4'-DDT

R.T.: 5.975 min  
Delta R.T.: 0.000 min  
Response: 1028687873  
Conc: 886.37 ng/ml



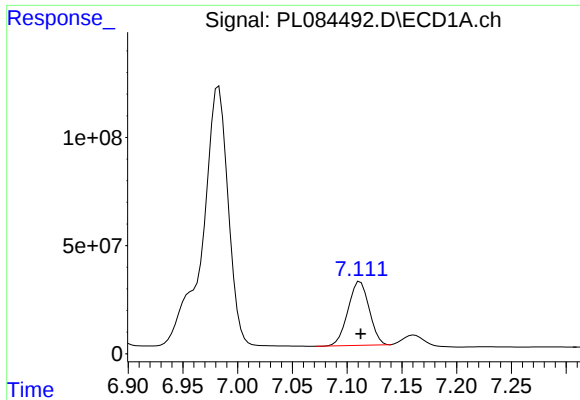
#18 Endrin aldehyde

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 630991676  
Conc: 374.04 ng/ml



#18 Endrin aldehyde

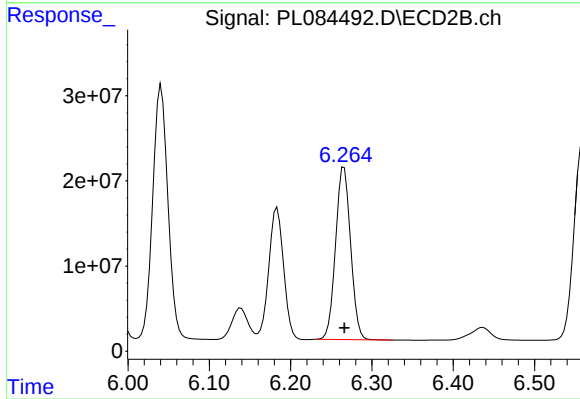
R.T.: 6.041 min  
Delta R.T.: 0.000 min  
Response: 389020426  
Conc: 392.26 ng/ml



#19 Endosulfan Sulfate

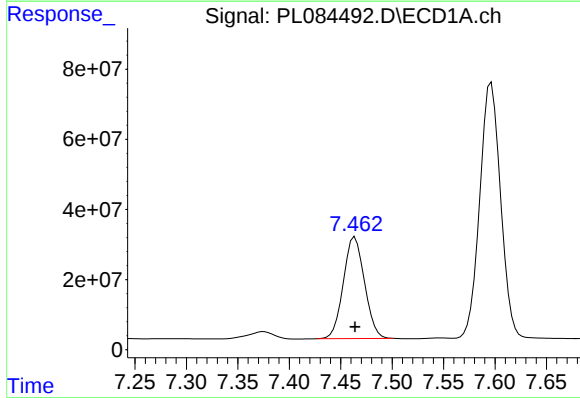
R.T.: 7.112 min  
Delta R.T.: 0.000 min  
Response: 396978225  
Conc: 198.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



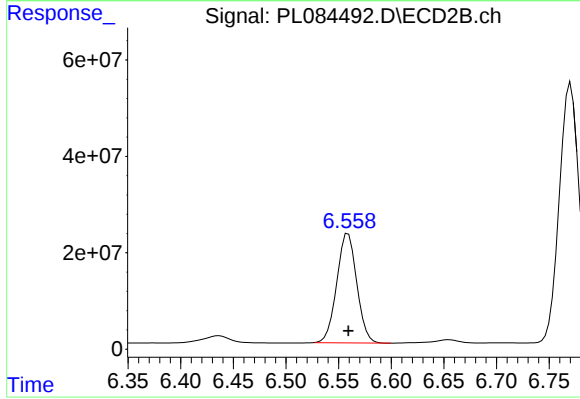
#19 Endosulfan Sulfate

R.T.: 6.266 min  
Delta R.T.: 0.000 min  
Response: 260221119  
Conc: 218.82 ng/ml



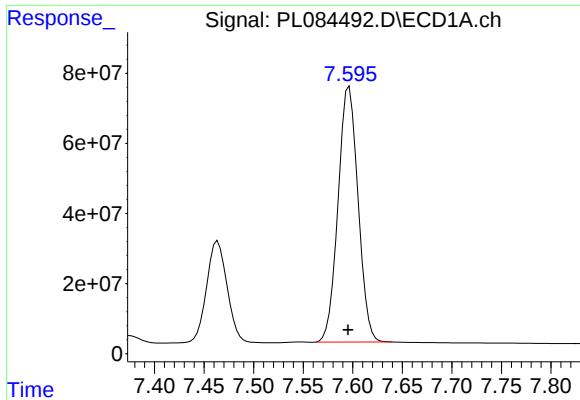
#20 Methoxychlor

R.T.: 7.464 min  
Delta R.T.: 0.000 min  
Response: 414973117  
Conc: 432.40 ng/ml



#20 Methoxychlor

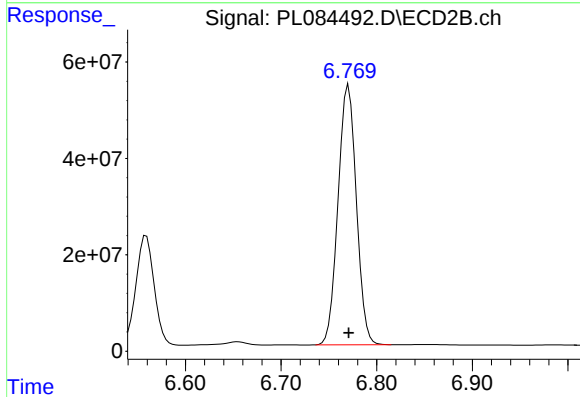
R.T.: 6.559 min  
Delta R.T.: 0.000 min  
Response: 300878057  
Conc: 438.53 ng/ml



#21 Endrin ketone

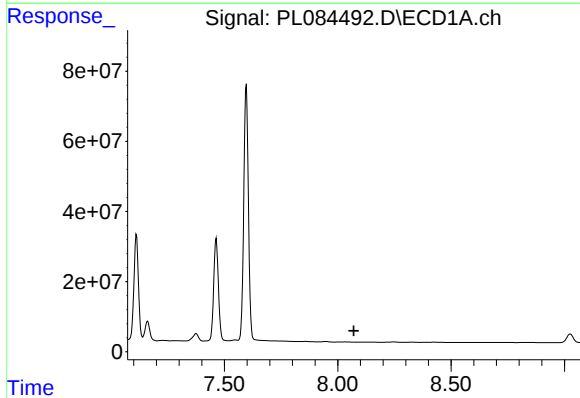
R.T.: 7.596 min  
Delta R.T.: 0.001 min  
Response: 1023869305  
Conc: 511.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



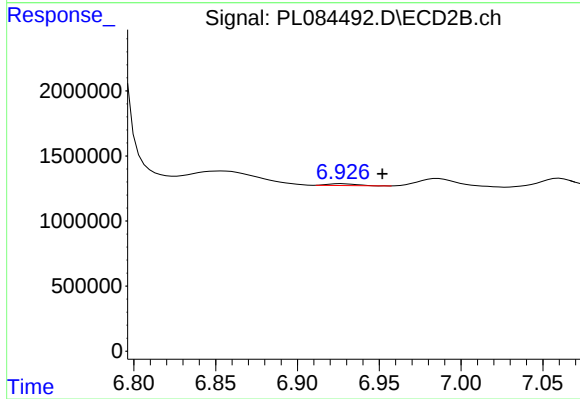
#21 Endrin ketone

R.T.: 6.771 min  
Delta R.T.: 0.000 min  
Response: 719337011  
Conc: 498.56 ng/ml



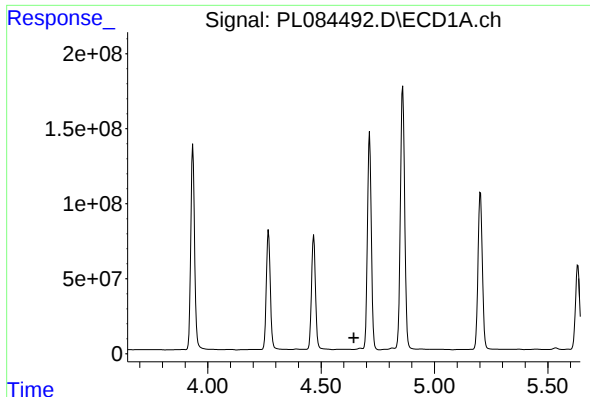
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.071 min  
Response: 0  
Conc: N.D.



#22 Mirex

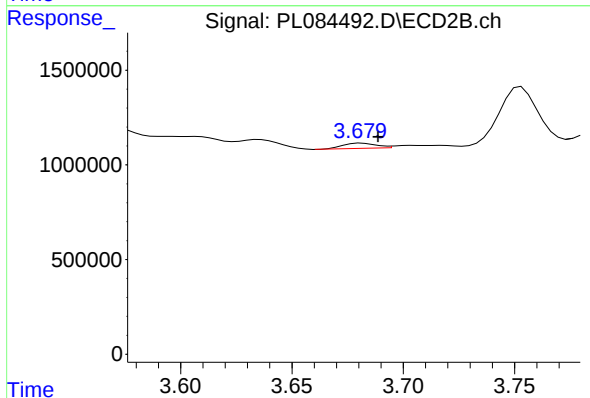
R.T.: 6.928 min  
Delta R.T.: -0.024 min  
Response: 160314  
Conc: 0.14 ng/ml



#23 Chlordane-1

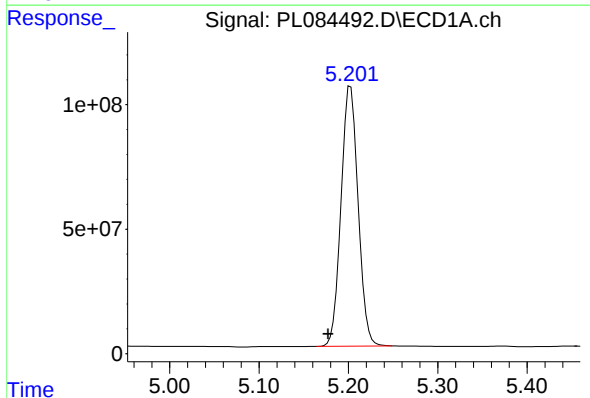
R.T.: 0.000 min  
Exp R.T.: 4.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



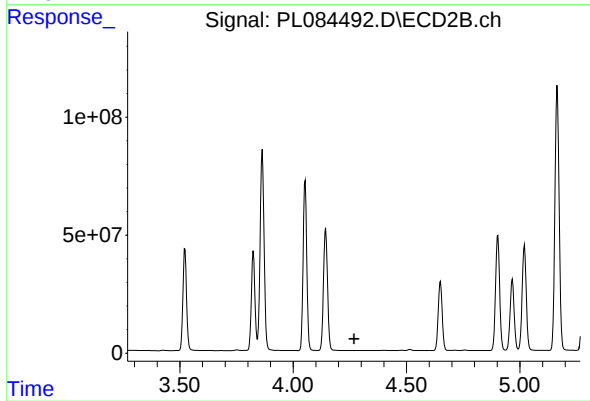
#23 Chlordane-1

R.T.: 3.681 min  
Delta R.T.: -0.007 min  
Response: 289005  
Conc: 7.54 ng/ml



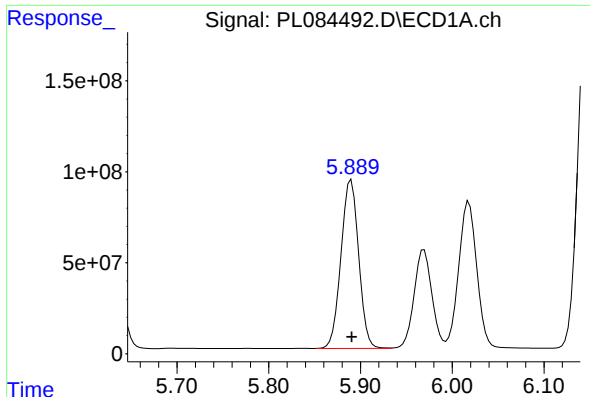
#24 Chlordane-2

R.T.: 5.202 min  
Delta R.T.: 0.025 min  
Response: 1388360988  
Conc: 12160.68 ng/ml



#24 Chlordane-2

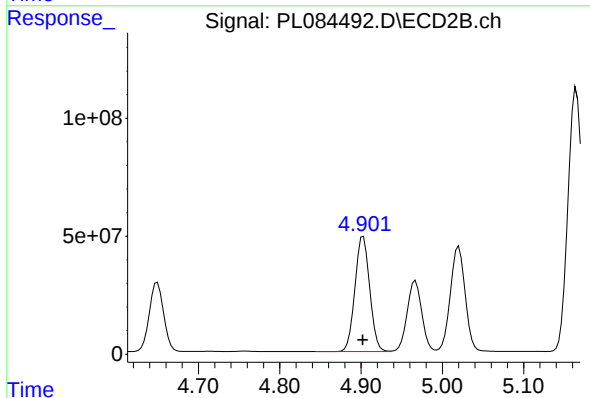
R.T.: 4.262 min  
Delta R.T.: -0.007 min  
Response: -275907  
Conc: N.D.



#25 Chlordane-3

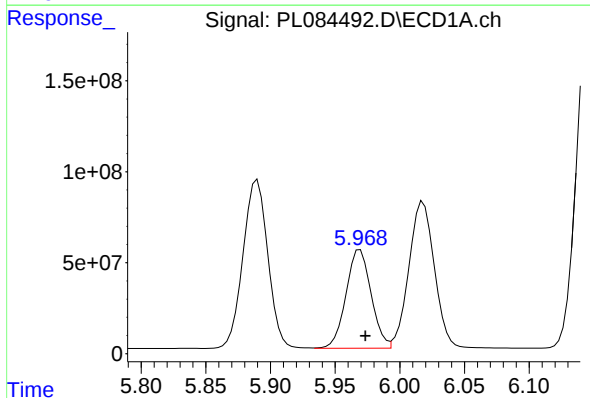
R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 1239289939  
Conc: 3072.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



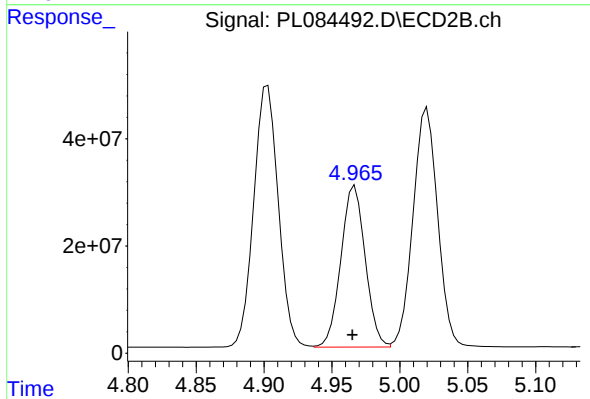
#25 Chlordane-3

R.T.: 4.903 min  
Delta R.T.: 0.000 min  
Response: 614413772  
Conc: 4435.32 ng/ml



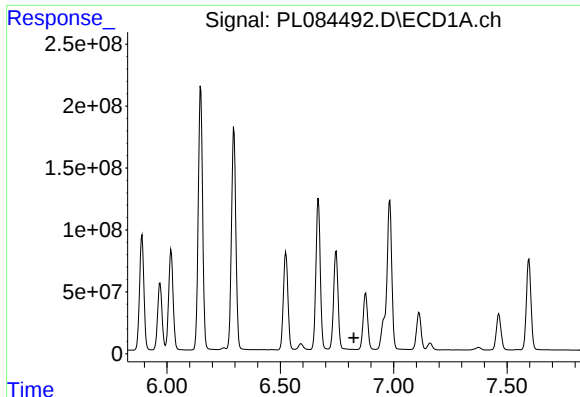
#26 Chlordane-4

R.T.: 5.969 min  
Delta R.T.: -0.004 min  
Response: 730065504  
Conc: 1507.20 ng/ml



#26 Chlordane-4

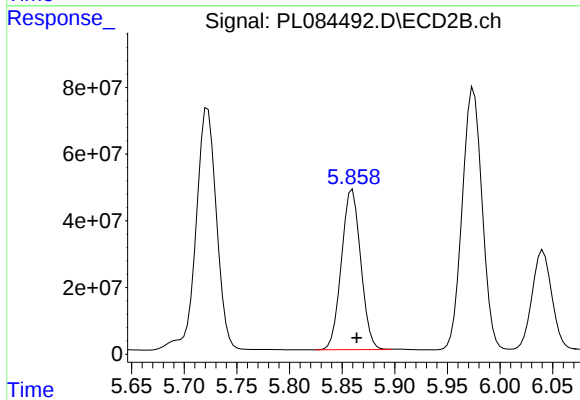
R.T.: 4.967 min  
Delta R.T.: 0.002 min  
Response: 375090076  
Conc: 2613.38 ng/ml



#27 Chlordane-5

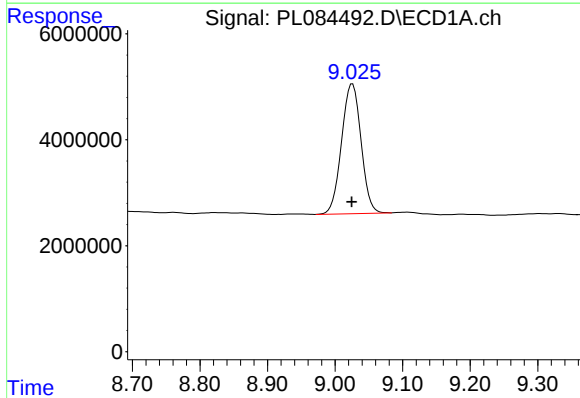
R.T.: 0.000 min  
Exp R.T.: 6.824 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



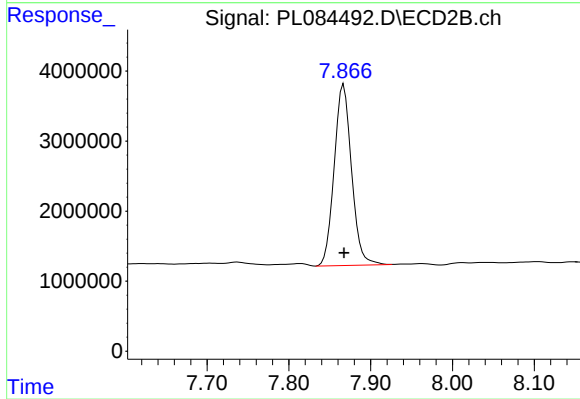
#27 Chlordane-5

R.T.: 5.860 min  
Delta R.T.: -0.004 min  
Response: 614780650  
Conc: 12070.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.000 min  
Response: 48999422  
Conc: 30.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.867 min  
Delta R.T.: 0.000 min  
Response: 38089400  
Conc: 30.55 ng/ml