

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081524\  
 Data File : PD084473.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2024 18:08  
 Operator : AR\AJ  
 Sample : P3481-17  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 E0AF2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 01:47:00 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081224CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 12 16:40:36 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

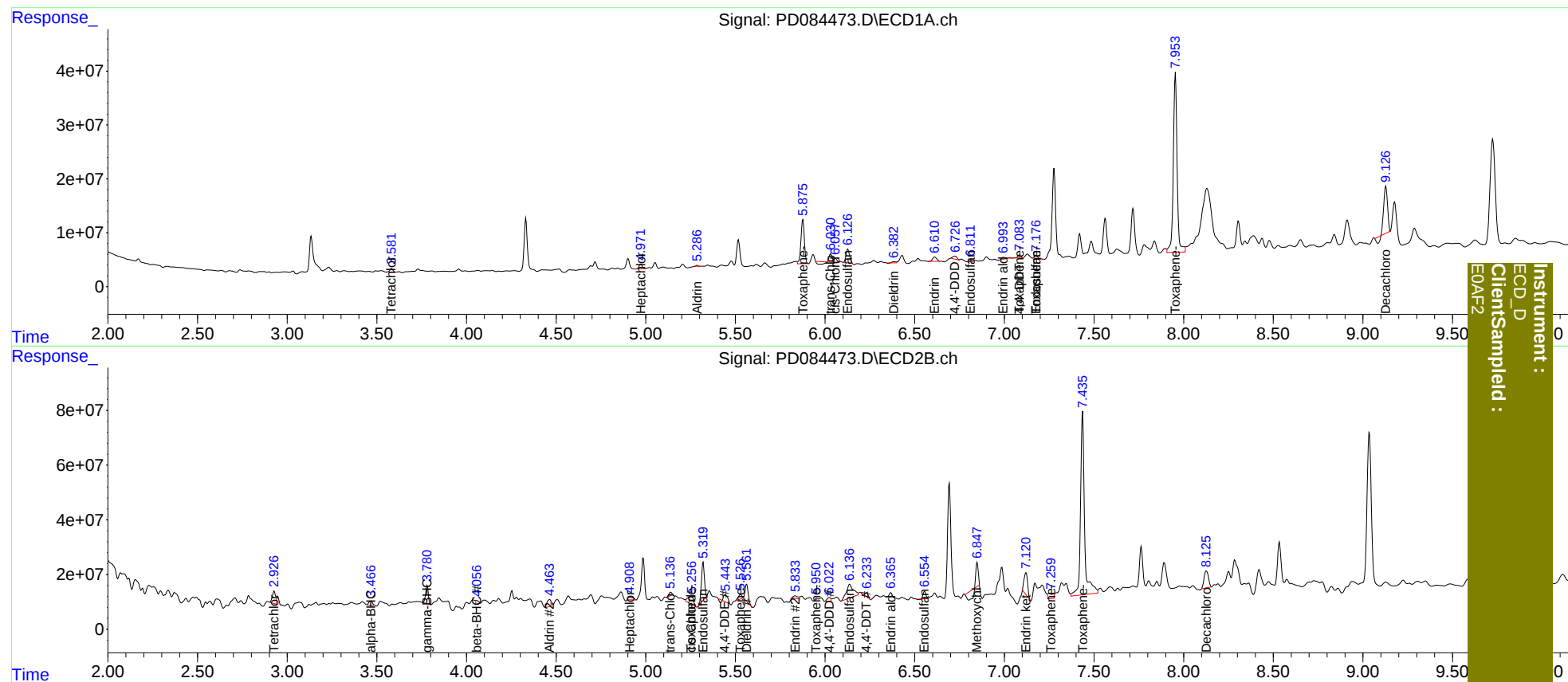
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|------------|
| -----                       |                 |        |        |          |          |           |            |
| System Monitoring Compounds |                 |        |        |          |          |           |            |
| 1)                          | SA Tetrachlo... | 3.582  | 2.927  | 7571129  | 56747560 | 9.031     | 10.780     |
| 27)                         | SA Decachlor... | 9.128  | 8.127  | 114.8E6  | 105.9E6  | 65.997    | 28.168 #   |
| Target Compounds            |                 |        |        |          |          |           |            |
| 2)                          | A alpha-BHC     | 0.000  | 3.468  | 0        | 20061677 | N.D.      | 2.461      |
| 3)                          | MA gamma-BHC... | 0.000  | 3.781  | 0        | 69244315 | N.D.      | 8.985      |
| 4)                          | MA Heptachlor   | 4.973  | 4.152  | 9268701  | -193663  | 5.311     | N.D. #     |
| 5)                          | MB Aldrin       | 5.287  | 4.464f | 1741412  | 34699570 | 0.987     | 4.735 #    |
| 6)                          | B beta-BHC      | 0.000  | 4.057  | 0        | 14993018 | N.D.      | 4.169      |
| 8)                          | B Heptachlo...  | 5.719  | 4.910  | -537983  | 18691062 | N.D.      | 2.801      |
| 9)                          | A Endosulfan I  | 6.127  | 5.320  | 34420735 | 162.4E6  | 21.608    | 27.373 #   |
| 10)                         | B trans-Chl...  | 6.031f | 5.139f | 7504198  | 14697245 | 4.545     | 2.306 #    |
| 11)                         | B cis-Chlor...  | 6.058  | 5.255  | 8407596  | 54751389 | 4.886     | 8.699 #    |
| 12)                         | B 4,4'-DDE      | 6.228  | 5.442  | -1710144 | 31342047 | N.D.      | 5.139      |
| 13)                         | MA Dieldrin     | 6.384  | 5.563  | 1994338  | 75759731 | 1.110     | 12.315 #   |
| 14)                         | MA Endrin       | 6.612  | 5.833  | 12686890 | 16202474 | 8.469     | 2.935 #    |
| 15)                         | B Endosulfa...  | 6.812  | 6.138  | 3050178  | 132.7E6  | 1.850     | 25.560 #   |
| 16)                         | A 4,4'-DDD      | 6.725  | 6.024  | 9094586  | 16512366 | 7.071     | 3.366 #    |
| 17)                         | MA 4,4'-DDT     | 7.084  | 6.232  | 7631731  | 16191830 | 5.629     | 3.269 #    |
| 18)                         | B Endrin al...  | 6.995f | 6.367f | 4618611  | 12363288 | 4.064     | 3.304      |
| 19)                         | B Endosulfa...  | 7.177  | 6.556  | 5547214  | 28372912 | 3.654     | 6.077 #    |
| 21)                         | B Endrin ke...  | 0.000  | 7.121f | 0        | 112.1E6  | N.D.      | 21.533     |
| 22)                         | Toxaphene-1     | 5.876  | 5.255f | 108.0E6  | 54751389 | 38425.397 | 1964.467 # |
| 23)                         | Toxaphene-2     | 6.491  | 5.529  | -481020  | 24782418 | N.D.      | 670.807    |
| 24)                         | Toxaphene-3     | 7.084  | 5.953f | 7631731  | 2073658  | 167.666   | 59.404 #   |
| 25)                         | Toxaphene-4     | 7.177  | 7.261  | 5547214  | 42101745 | 165.341   | 525.831 #  |
| 26)                         | Toxaphene-5     | 7.954  | 7.436f | 491.9E6  | 1042.9E6 | 19826.912 | 19016.791  |
| -----                       |                 |        |        |          |          |           |            |

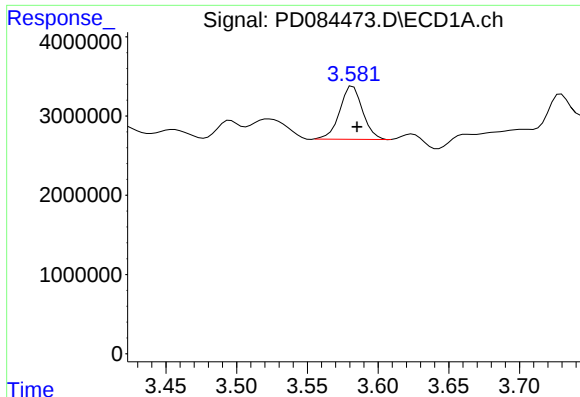
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081524\  
Data File : PD084473.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2024 18:08  
Operator : AR\AJ  
Sample : P3481-17  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 01:47:00 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081224CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 12 16:40:36 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

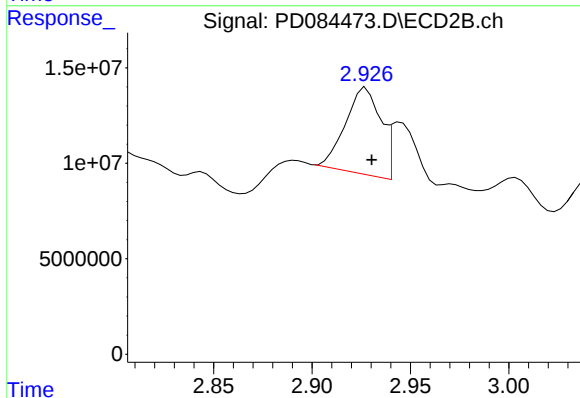




#1 Tetrachloro-m-xylene

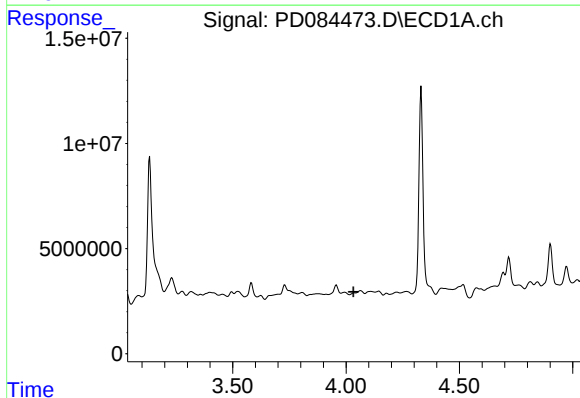
R.T.: 3.582 min  
Delta R.T.: -0.003 min  
Response: 7571129  
Conc: 9.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E0AF2



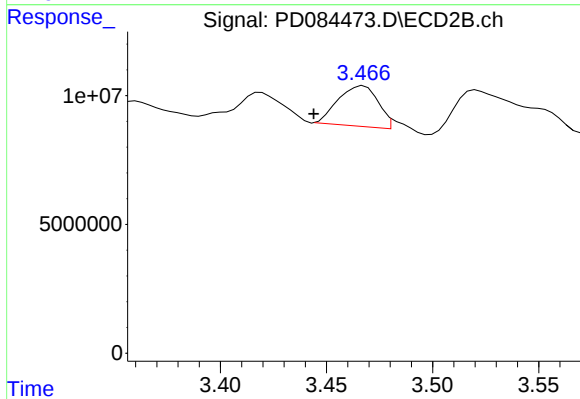
#1 Tetrachloro-m-xylene

R.T.: 2.927 min  
Delta R.T.: -0.003 min  
Response: 56747560  
Conc: 10.78 ng/ml



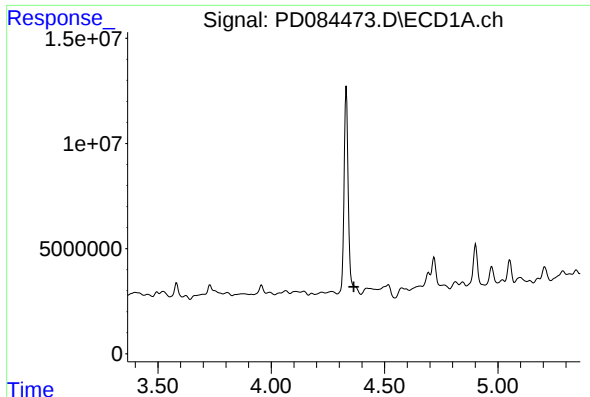
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.033 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

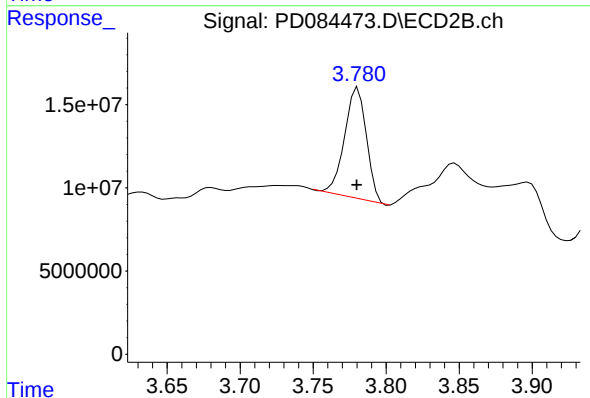
R.T.: 3.468 min  
Delta R.T.: 0.024 min  
Response: 20061677  
Conc: 2.46 ng/ml



#3 gamma-BHC (Lindane)

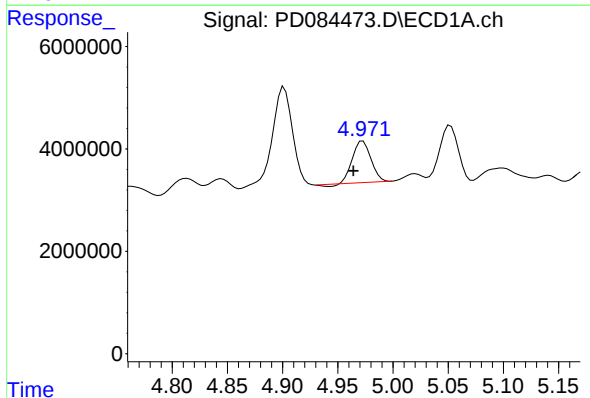
R.T.: 0.000 min  
Exp R.T.: 4.364 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
E0AF2



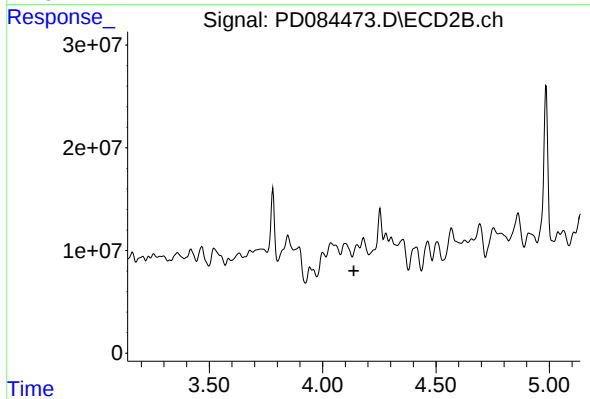
#3 gamma-BHC (Lindane)

R.T.: 3.781 min  
Delta R.T.: 0.000 min  
Response: 69244315  
Conc: 8.98 ng/ml



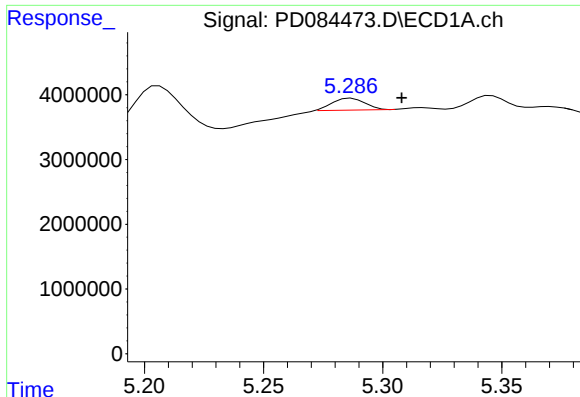
#4 Heptachlor

R.T.: 4.973 min  
Delta R.T.: 0.009 min  
Response: 9268701  
Conc: 5.31 ng/ml



#4 Heptachlor

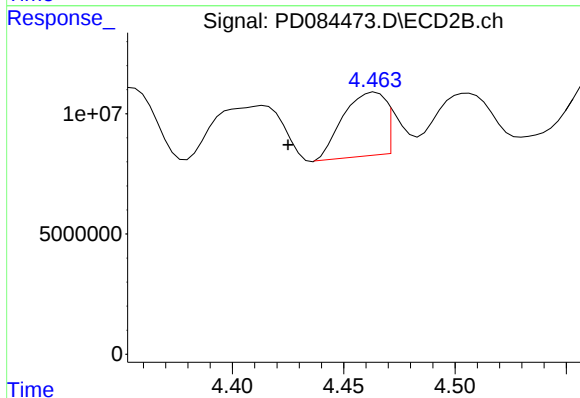
R.T.: 4.152 min  
Delta R.T.: 0.015 min  
Response: -193663  
Conc: N.D.



#5 Aldrin

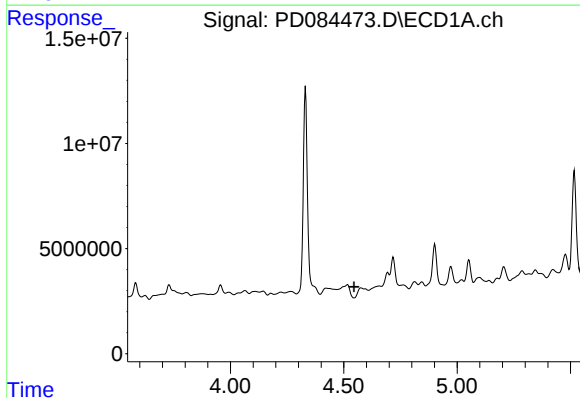
R.T.: 5.287 min  
Delta R.T.: -0.021 min  
Response: 1741412  
Conc: 0.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E0AF2



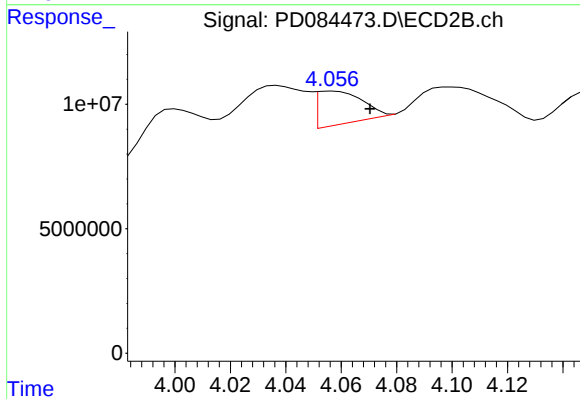
#5 Aldrin

R.T.: 4.464 min  
Delta R.T.: 0.039 min  
Response: 34699570  
Conc: 4.73 ng/ml



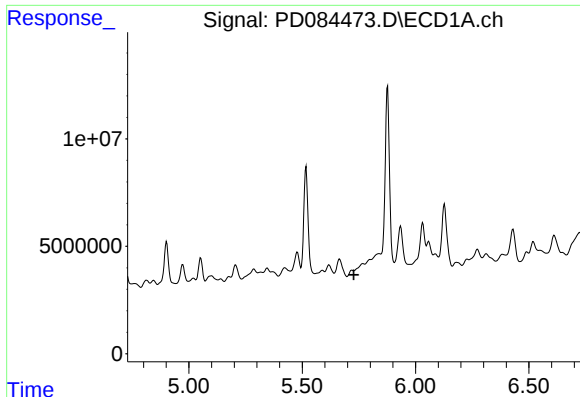
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.546 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

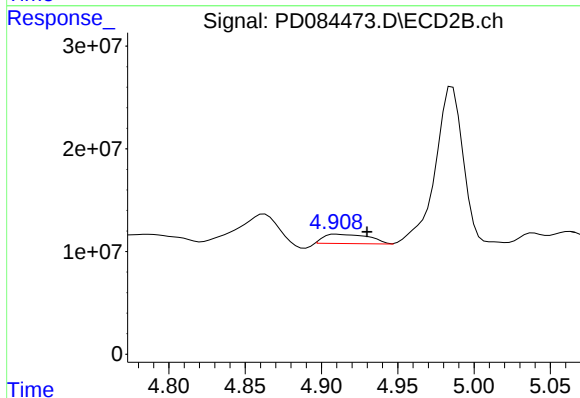
R.T.: 4.057 min  
Delta R.T.: -0.014 min  
Response: 14993018  
Conc: 4.17 ng/ml



#8 Heptachlor epoxide

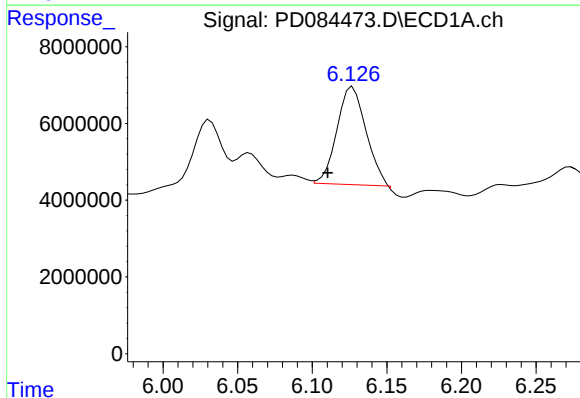
R.T.: 5.719 min  
Delta R.T.: -0.008 min  
Response: -537983  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
E0AF2



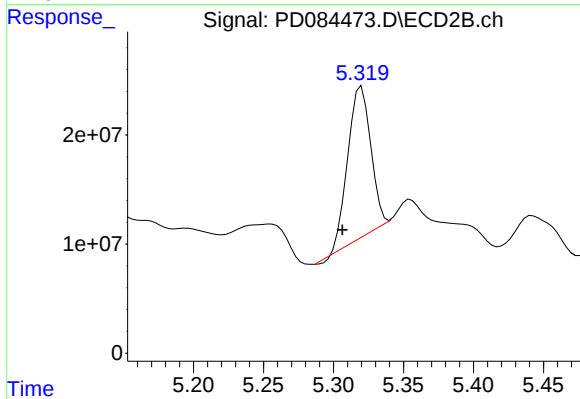
#8 Heptachlor epoxide

R.T.: 4.910 min  
Delta R.T.: -0.020 min  
Response: 18691062  
Conc: 2.80 ng/ml



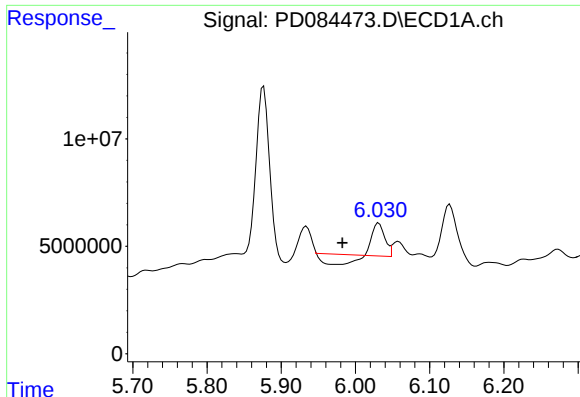
#9 Endosulfan I

R.T.: 6.127 min  
Delta R.T.: 0.017 min  
Response: 34420735  
Conc: 21.61 ng/ml



#9 Endosulfan I

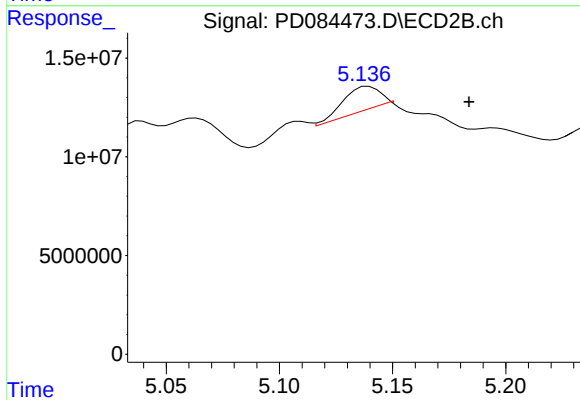
R.T.: 5.320 min  
Delta R.T.: 0.014 min  
Response: 162407821  
Conc: 27.37 ng/ml



#10 trans-Chlordane

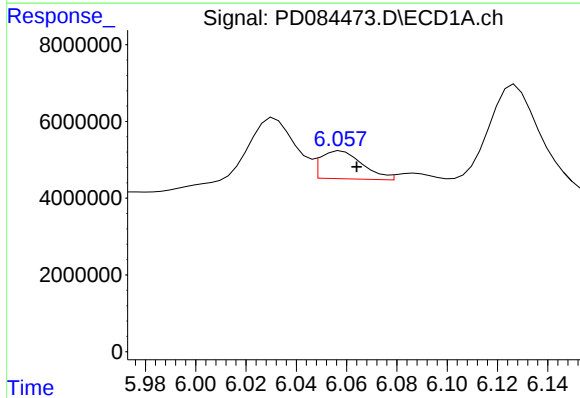
R.T.: 6.031 min  
Delta R.T.: 0.049 min  
Response: 7504198  
Conc: 4.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E0AF2



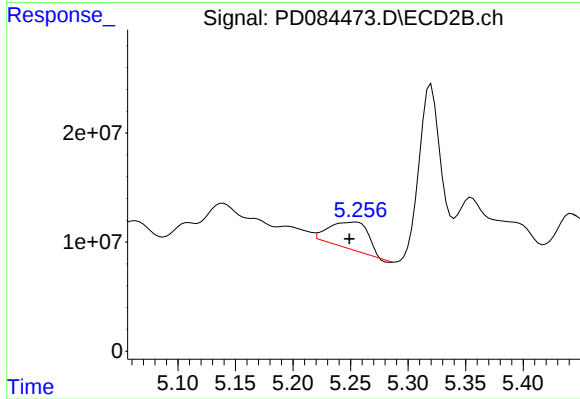
#10 trans-Chlordane

R.T.: 5.139 min  
Delta R.T.: -0.044 min  
Response: 14697245  
Conc: 2.31 ng/ml



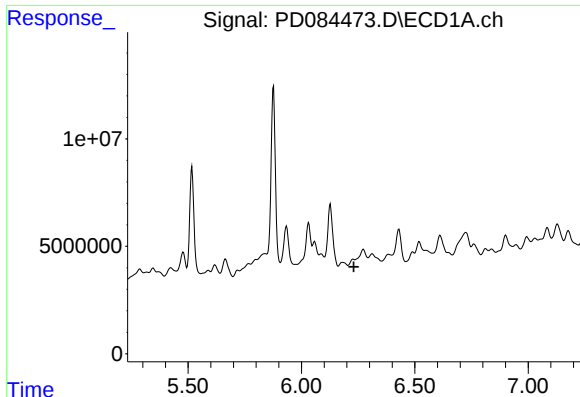
#11 cis-Chlordane

R.T.: 6.058 min  
Delta R.T.: -0.006 min  
Response: 8407596  
Conc: 4.89 ng/ml



#11 cis-Chlordane

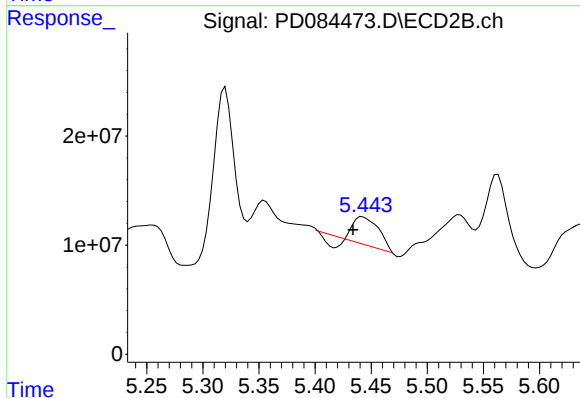
R.T.: 5.255 min  
Delta R.T.: 0.006 min  
Response: 54751389  
Conc: 8.70 ng/ml



#12 4,4'-DDE

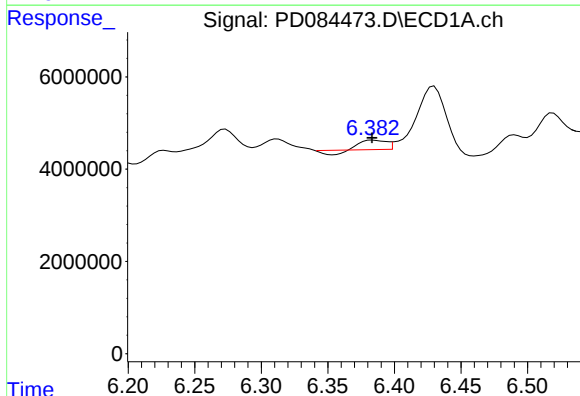
R.T.: 6.228 min  
Delta R.T.: -0.004 min  
Response: -1710144  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
E0AF2



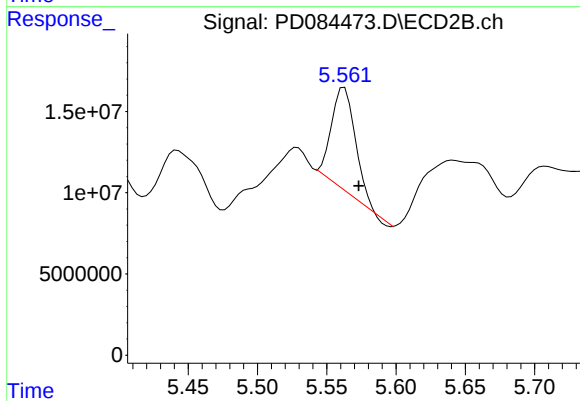
#12 4,4'-DDE

R.T.: 5.442 min  
Delta R.T.: 0.009 min  
Response: 31342047  
Conc: 5.14 ng/ml



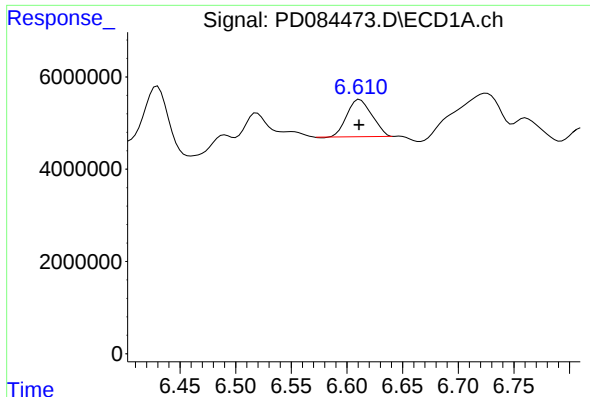
#13 Dieldrin

R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 1994338  
Conc: 1.11 ng/ml



#13 Dieldrin

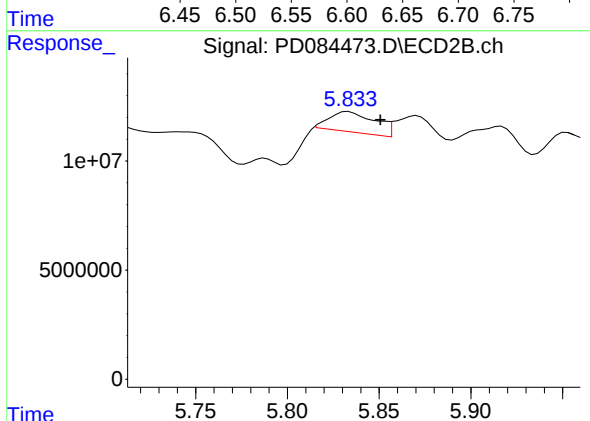
R.T.: 5.563 min  
Delta R.T.: -0.010 min  
Response: 75759731  
Conc: 12.32 ng/ml



#14 Endrin

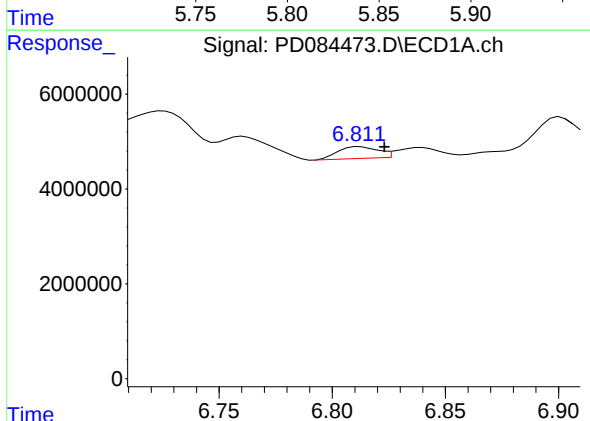
R.T.: 6.612 min  
Delta R.T.: 0.000 min  
Response: 12686890  
Conc: 8.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E0AF2



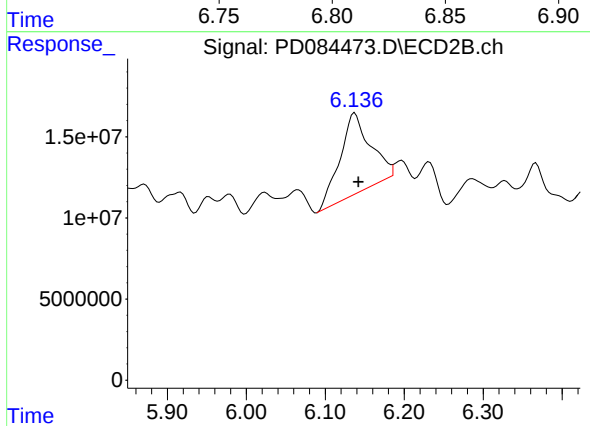
#14 Endrin

R.T.: 5.833 min  
Delta R.T.: -0.017 min  
Response: 16202474  
Conc: 2.93 ng/ml



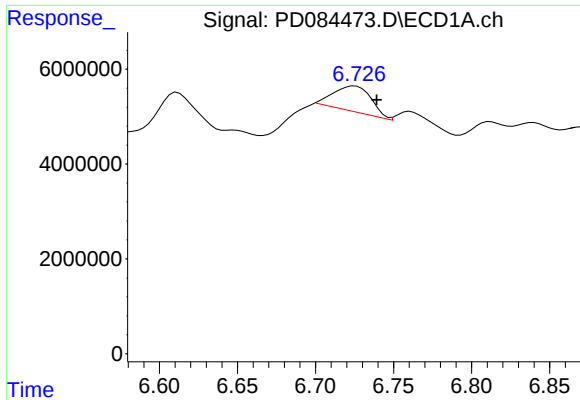
#15 Endosulfan II

R.T.: 6.812 min  
Delta R.T.: -0.011 min  
Response: 3050178  
Conc: 1.85 ng/ml



#15 Endosulfan II

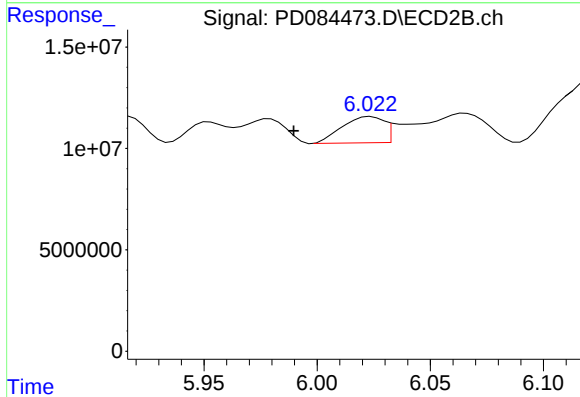
R.T.: 6.138 min  
Delta R.T.: -0.004 min  
Response: 132719190  
Conc: 25.56 ng/ml



#16 4,4'-DDD

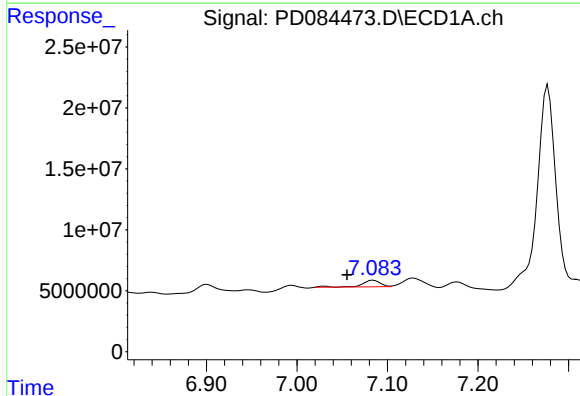
R.T.: 6.725 min  
Delta R.T.: -0.014 min  
Response: 9094586  
Conc: 7.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E0AF2



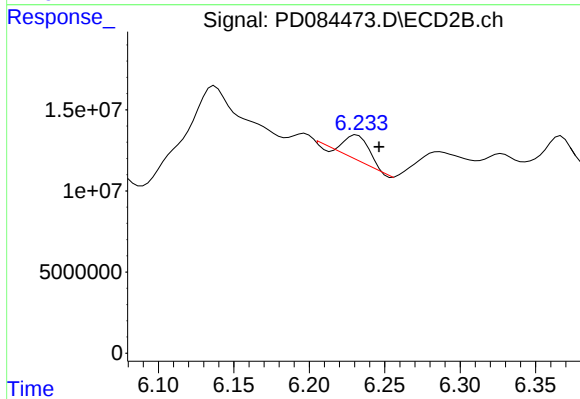
#16 4,4'-DDD

R.T.: 6.024 min  
Delta R.T.: 0.034 min  
Response: 16512366  
Conc: 3.37 ng/ml



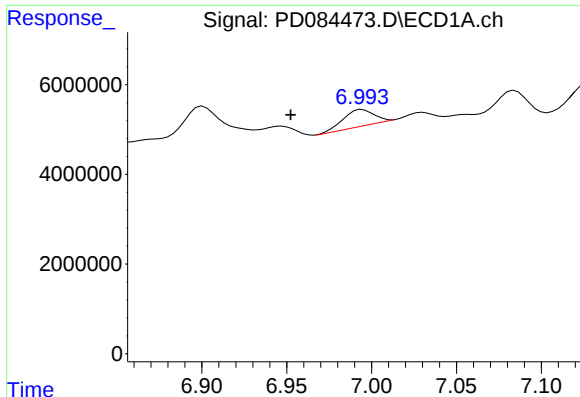
#17 4,4'-DDT

R.T.: 7.084 min  
Delta R.T.: 0.029 min  
Response: 7631731  
Conc: 5.63 ng/ml



#17 4,4'-DDT

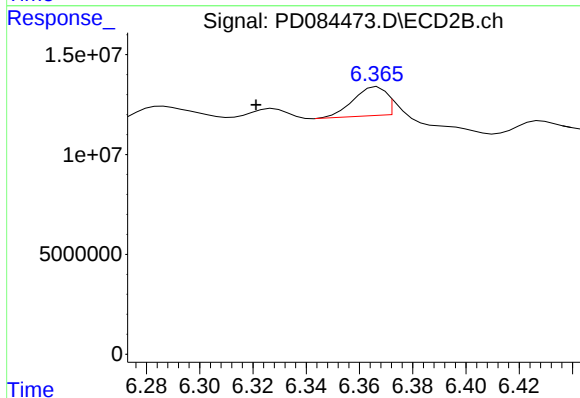
R.T.: 6.232 min  
Delta R.T.: -0.015 min  
Response: 16191830  
Conc: 3.27 ng/ml



#18 Endrin aldehyde

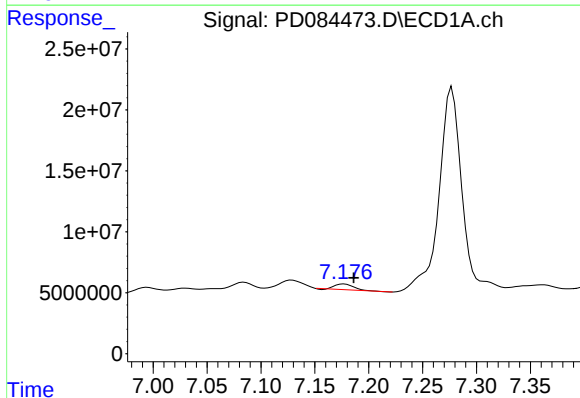
R.T.: 6.995 min  
Delta R.T.: 0.042 min  
Response: 4618611  
Conc: 4.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E0AF2



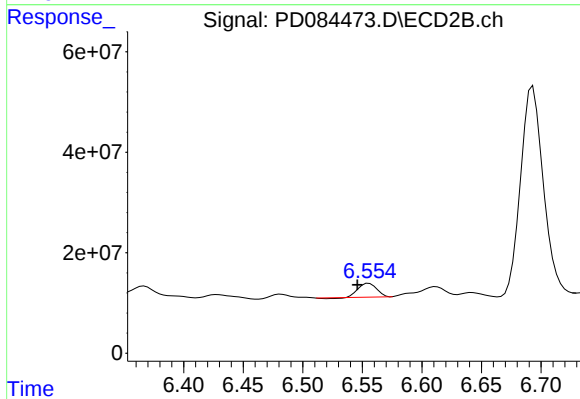
#18 Endrin aldehyde

R.T.: 6.367 min  
Delta R.T.: 0.046 min  
Response: 12363288  
Conc: 3.30 ng/ml



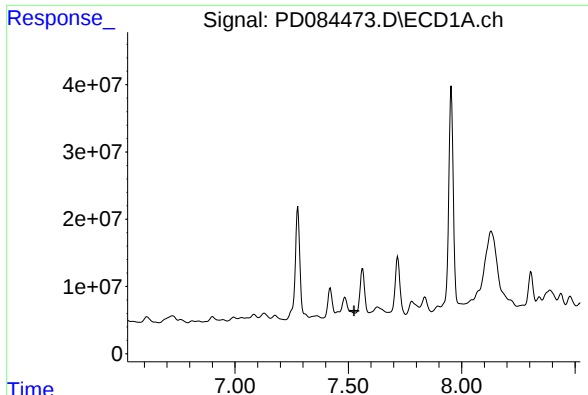
#19 Endosulfan Sulfate

R.T.: 7.177 min  
Delta R.T.: -0.009 min  
Response: 5547214  
Conc: 3.65 ng/ml



#19 Endosulfan Sulfate

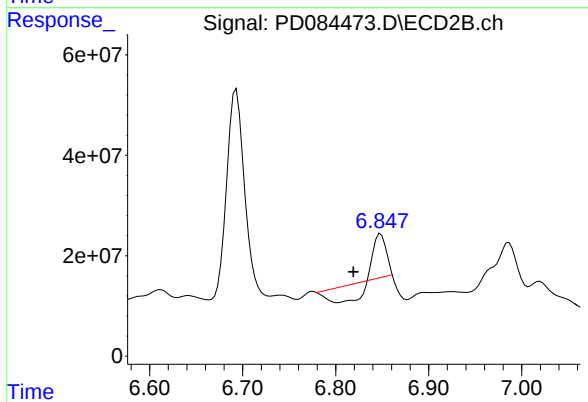
R.T.: 6.556 min  
Delta R.T.: 0.010 min  
Response: 28372912  
Conc: 6.08 ng/ml



#20 Methoxychlor

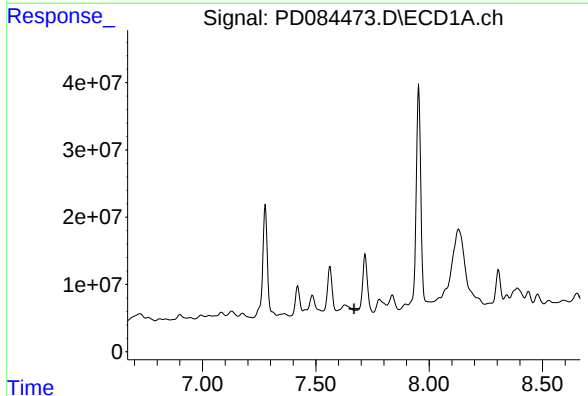
R.T.: 7.563 min  
Delta R.T.: 0.037 min  
Response: -16139924  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
E0AF2



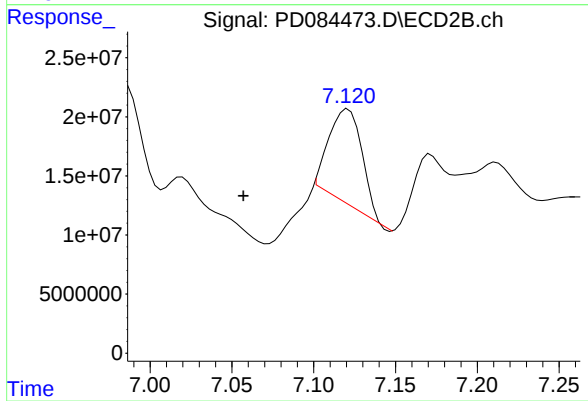
#20 Methoxychlor

R.T.: 6.848 min  
Delta R.T.: 0.030 min  
Response: 10806704  
Conc: 5.02 ng/ml



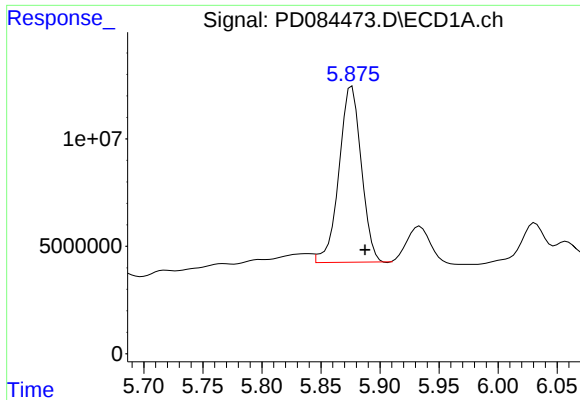
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.668 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

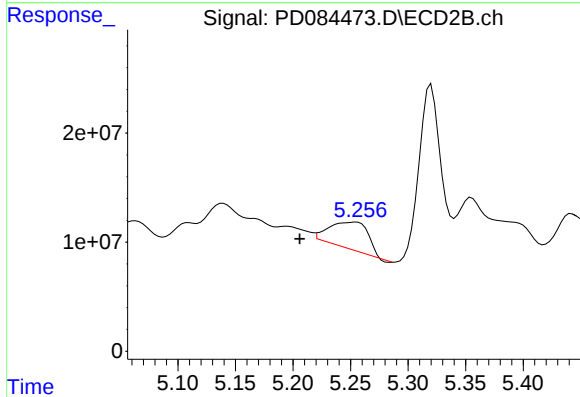
R.T.: 7.121 min  
Delta R.T.: 0.064 min  
Response: 112138756  
Conc: 21.53 ng/ml



#22 Toxaphene-1

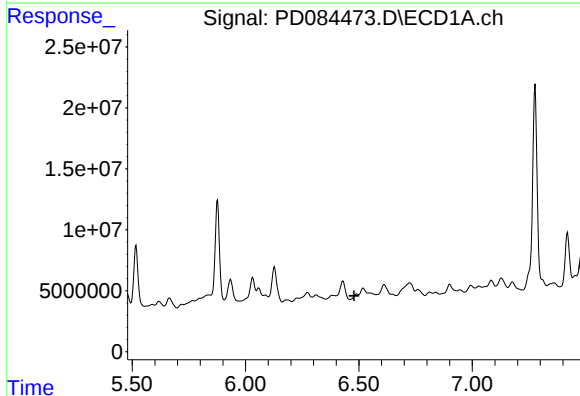
R.T.: 5.876 min  
Delta R.T.: -0.011 min  
Response: 107950684  
Conc: 38425.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E0AF2



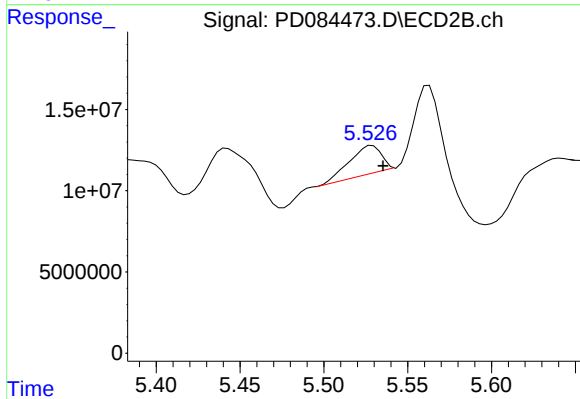
#22 Toxaphene-1

R.T.: 5.255 min  
Delta R.T.: 0.049 min  
Response: 54751389  
Conc: 1964.47 ng/ml



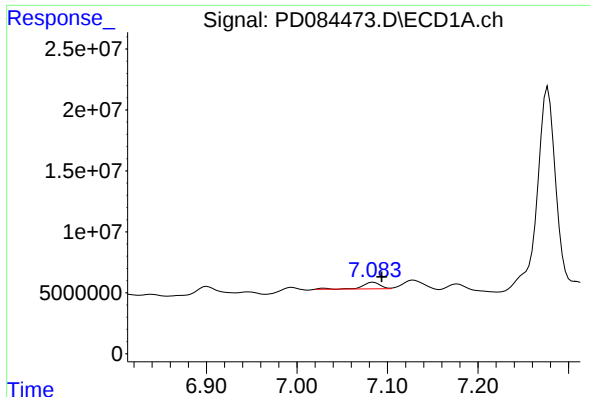
#23 Toxaphene-2

R.T.: 6.491 min  
Delta R.T.: 0.012 min  
Response: -481020  
Conc: N.D.



#23 Toxaphene-2

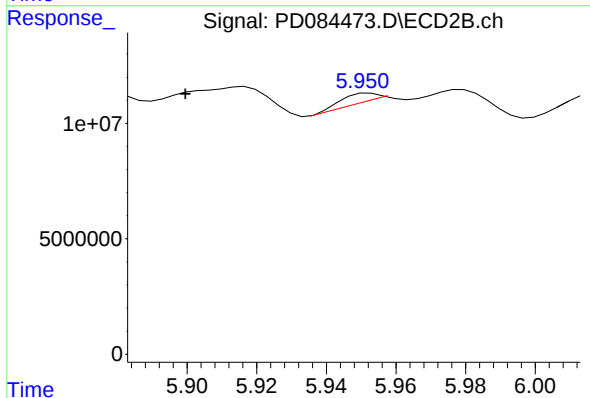
R.T.: 5.529 min  
Delta R.T.: -0.006 min  
Response: 24782418  
Conc: 670.81 ng/ml



#24 Toxaphene-3

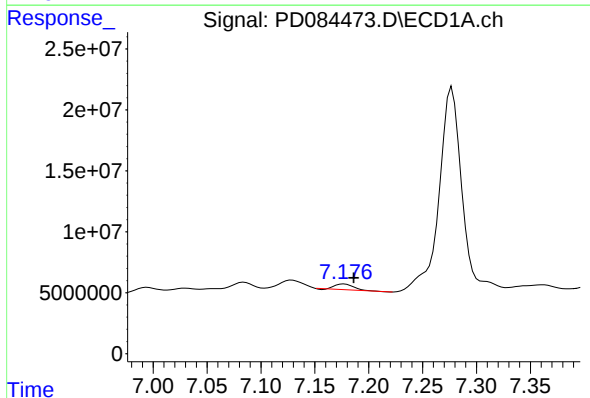
R.T.: 7.084 min  
Delta R.T.: -0.009 min  
Response: 7631731  
Conc: 167.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E0AF2



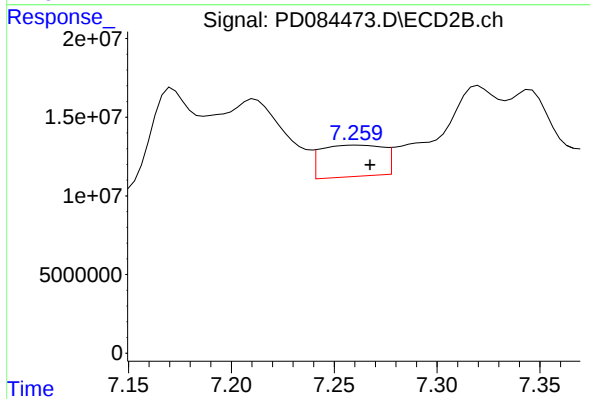
#24 Toxaphene-3

R.T.: 5.953 min  
Delta R.T.: 0.053 min  
Response: 2073658  
Conc: 59.40 ng/ml



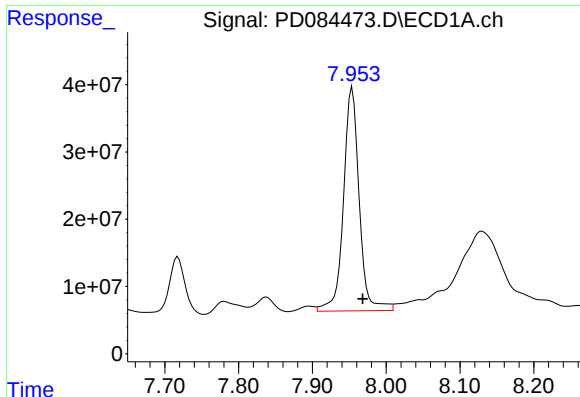
#25 Toxaphene-4

R.T.: 7.177 min  
Delta R.T.: -0.009 min  
Response: 5547214  
Conc: 165.34 ng/ml



#25 Toxaphene-4

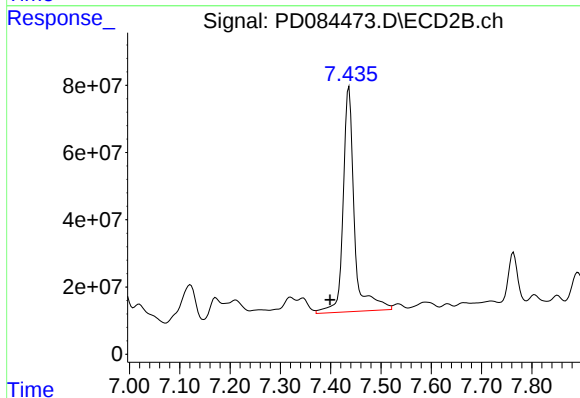
R.T.: 7.261 min  
Delta R.T.: -0.006 min  
Response: 42101745  
Conc: 525.83 ng/ml



#26 Toxaphene-5

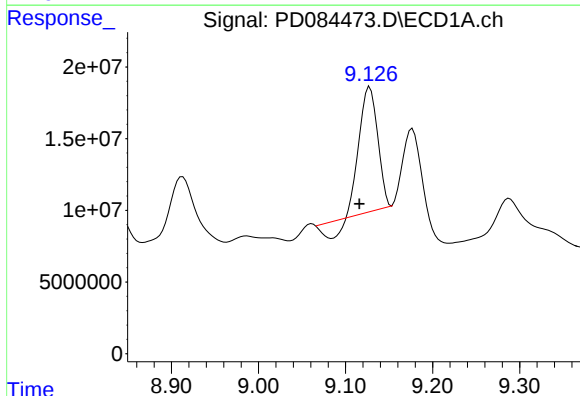
R.T.: 7.954 min  
Delta R.T.: -0.014 min  
Response: 491892569  
Conc: 19826.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E0AF2



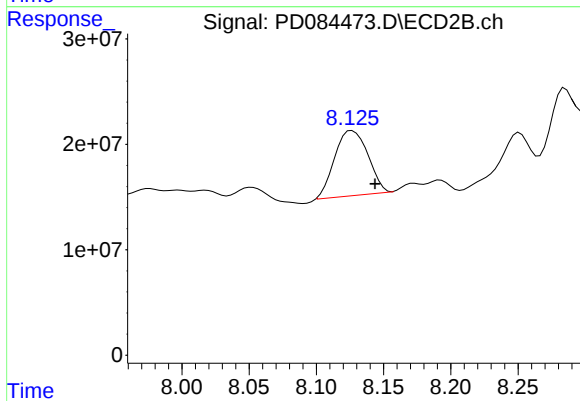
#26 Toxaphene-5

R.T.: 7.436 min  
Delta R.T.: 0.037 min  
Response: 1042857278  
Conc: 19016.79 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.128 min  
Delta R.T.: 0.012 min  
Response: 114789277  
Conc: 66.00 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.127 min  
Delta R.T.: -0.017 min  
Response: 105853967  
Conc: 28.17 ng/ml