

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012323AL\
 Data File : FE039978.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jan 2023 21:17
 Operator : YP\AJ
 Sample : 01254-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 01:31:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.911	5740931	37.384 ug/ml
Spiked Amount 50.000		Recovery =	74.77%
12) S 1-chlorooctadecane (S...	13.364	67310857	576.797 ug/ml
Spiked Amount 50.000		Recovery =	1153.59%
Target Compounds			
6) T n-Tetradecane (C14)	8.543	87778	0.682 ug/ml
7) T n-Hexadecane (C16)	10.148	164014	1.216 ug/ml
8) T n-Octadecane (C18)	11.592	136194	0.972 ug/ml
10) T n-Eicosane (C20)	12.900	133526	0.964 ug/ml
11) T n-Heneicosane (C21)	13.543	974061	6.980 ug/ml
13) T n-Docosane (C22)	14.108	194176	1.399 ug/ml
14) T n-Tetracosane (C24)	15.190	543956	3.951 ug/ml
15) T n-Hexacosane (C26)	16.223	105085	0.787 ug/ml
16) T n-Octacosane (C28)	17.177	191432	1.471 ug/ml
17) T n-Tricontane (C30)	18.064	191513	1.502 ug/ml
18) T n-Dotriacontane (C32)	18.898	266921	2.111 ug/ml
19) T n-Tetratriacontane (C34)	19.680	204677	1.656 ug/ml
20) T n-Hexatriacontane (C36)	20.422	372764	3.162 ug/ml
21) T n-Octatriacontane (C38)	21.159	136415	1.141 ug/ml
22) T n-Tetracontane (C40)	22.064	592230	4.880 ug/ml

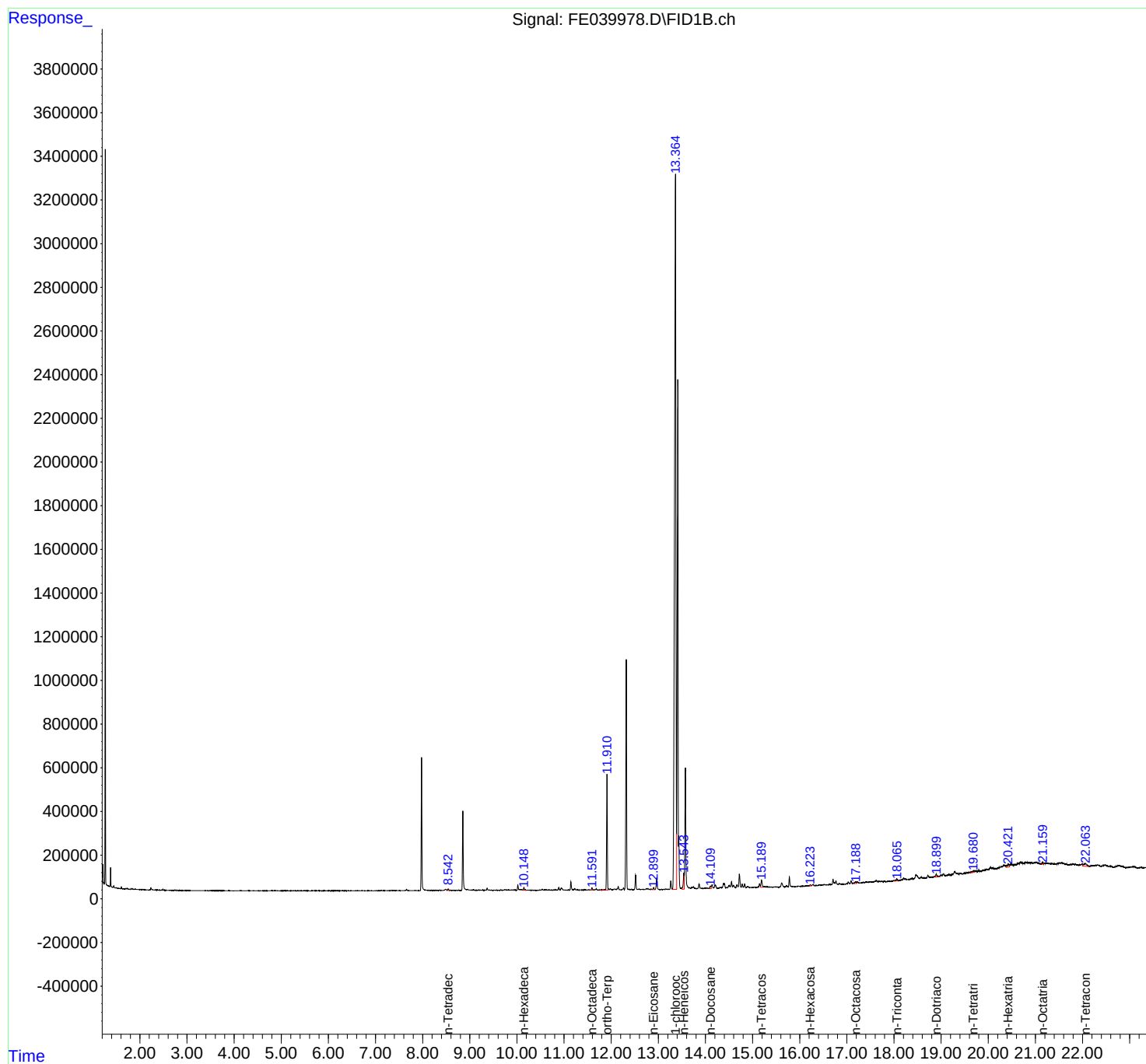
(f)=RT Delta > 1/2 Window

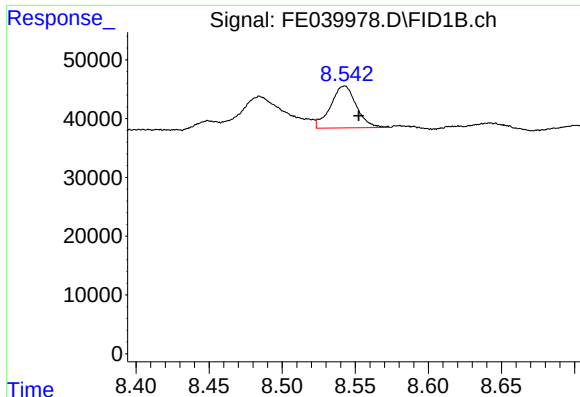
(m)=manual int.

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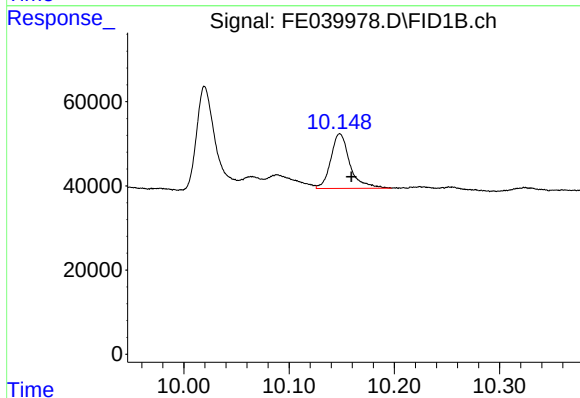
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





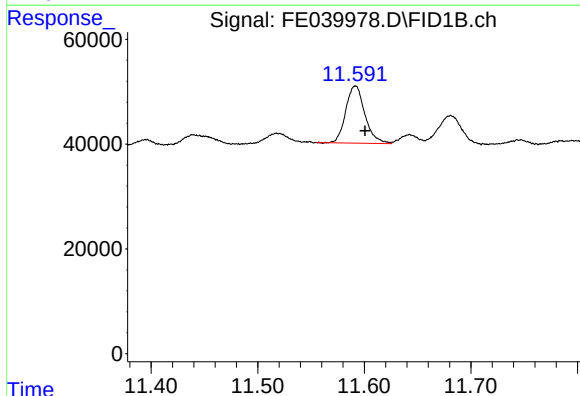
#6 n-Tetradecane (C14)

R.T.: 8.543 min
Delta R.T.: -0.010 min
Response: 87778
Conc: 0.68 ug/ml



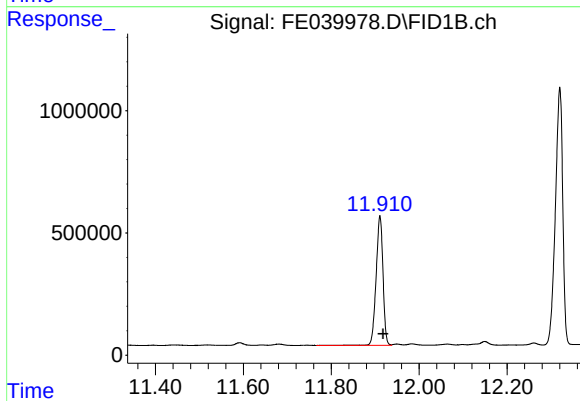
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: -0.011 min
Response: 164014
Conc: 1.22 ug/ml



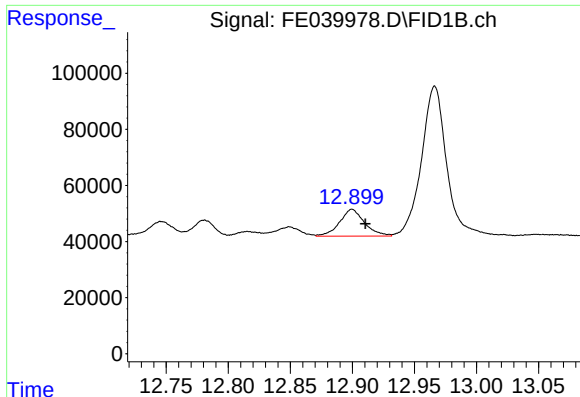
#8 n-Octadecane (C18)

R.T.: 11.592 min
Delta R.T.: -0.009 min
Response: 136194
Conc: 0.97 ug/ml



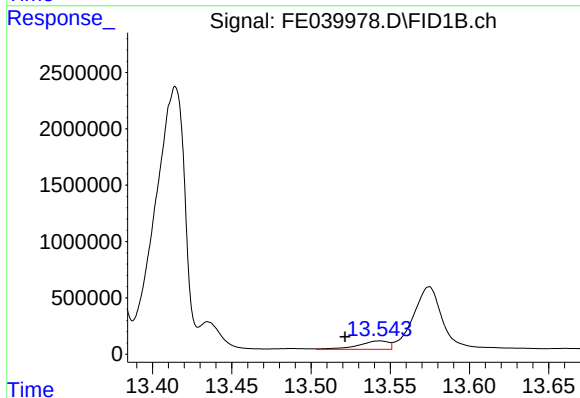
#9 ortho-Terphenyl (SURR)

R.T.: 11.911 min
Delta R.T.: -0.007 min
Response: 5740931
Conc: 37.38 ug/ml



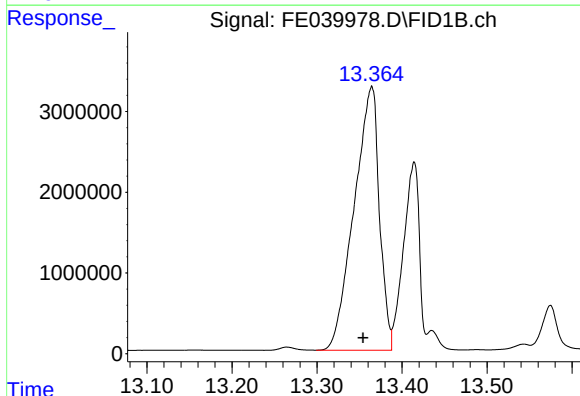
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: -0.011 min
Response: 133526
Conc: 0.96 ug/ml



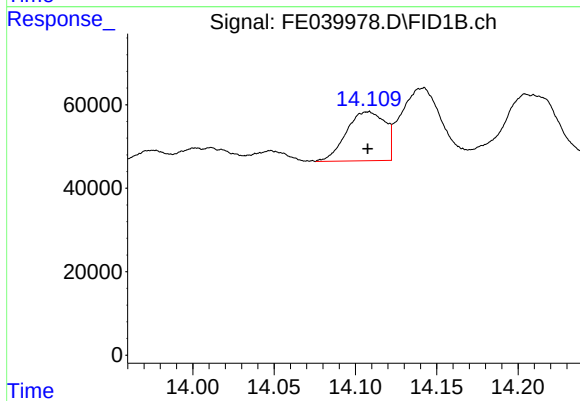
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: 0.022 min
Response: 974061
Conc: 6.98 ug/ml



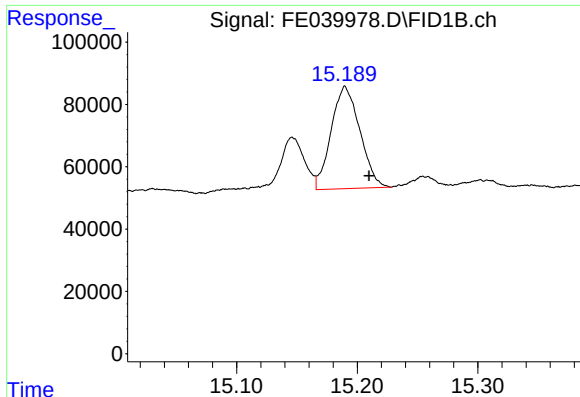
#12 1-chlorooctadecane (SURR)

R.T.: 13.364 min
Delta R.T.: 0.010 min
Response: 67310857
Conc: 576.80 ug/ml



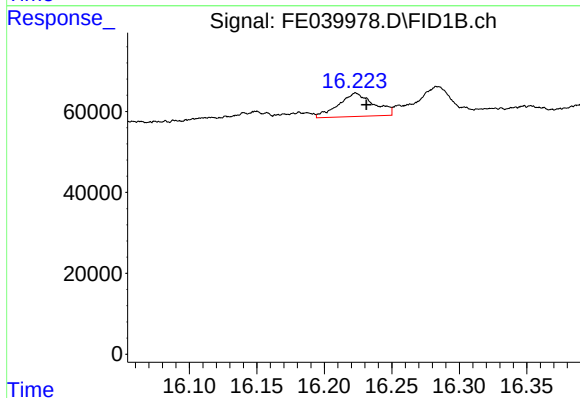
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: 0.000 min
Response: 194176
Conc: 1.40 ug/ml



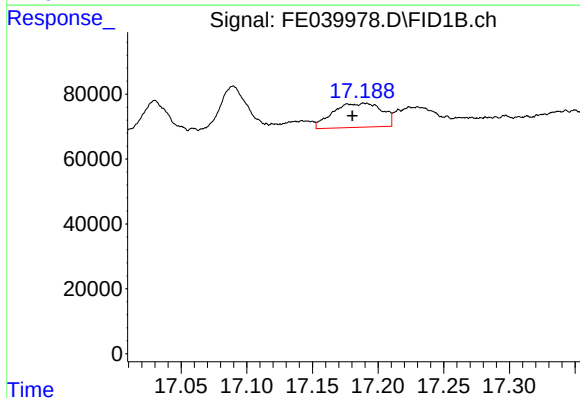
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.020 min
Response: 543956
Conc: 3.95 ug/ml



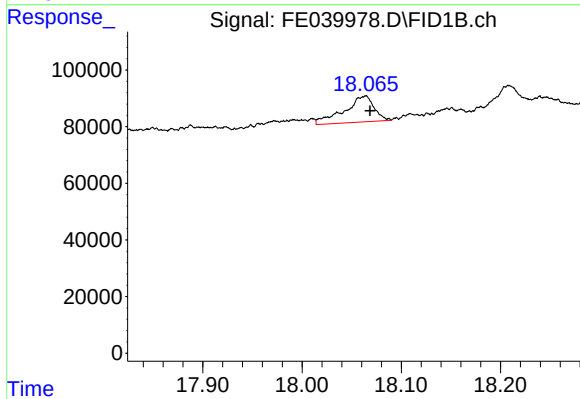
#15 n-Hexacosane (C26)

R.T.: 16.223 min
Delta R.T.: -0.008 min
Response: 105085
Conc: 0.79 ug/ml



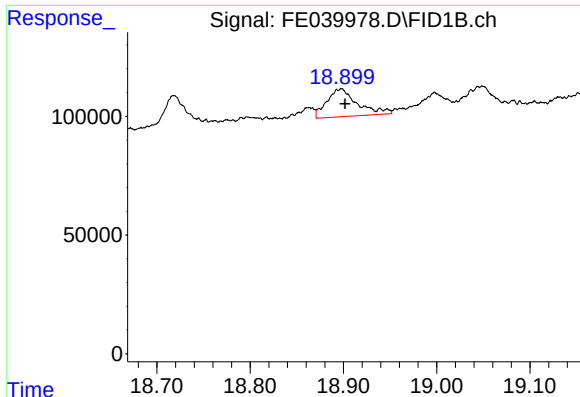
#16 n-Octacosane (C28)

R.T.: 17.177 min
Delta R.T.: -0.003 min
Response: 191432
Conc: 1.47 ug/ml



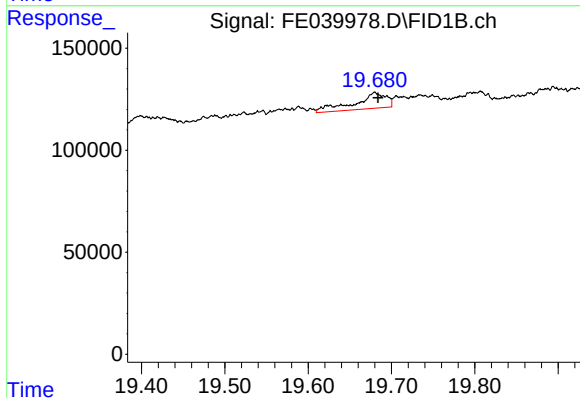
#17 n-Tricontane (C30)

R.T.: 18.064 min
Delta R.T.: -0.005 min
Response: 191513
Conc: 1.50 ug/ml



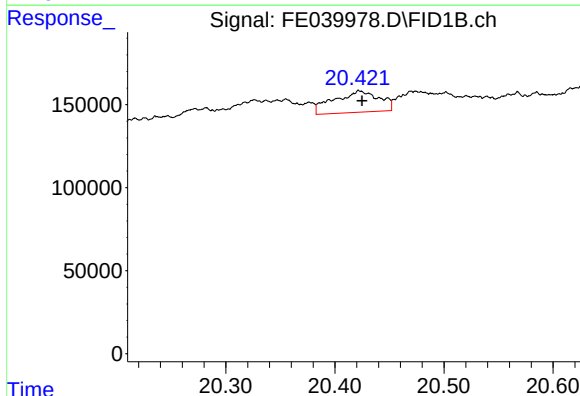
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.003 min
Response: 266921
Conc: 2.11 ug/ml



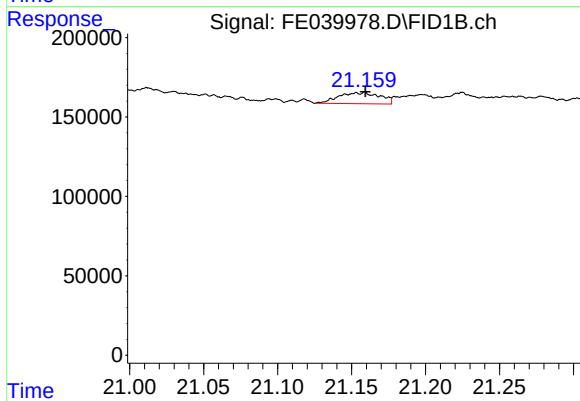
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min
Delta R.T.: -0.004 min
Response: 204677
Conc: 1.66 ug/ml



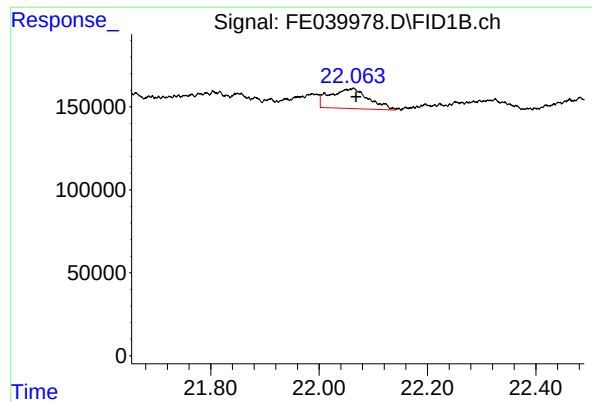
#20 n-Hexatriacontane (C36)

R.T.: 20.422 min
Delta R.T.: -0.003 min
Response: 372764
Conc: 3.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: 0.000 min
Response: 136415
Conc: 1.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.064 min
Delta R.T.: -0.004 min
Response: 592230
Conc: 4.88 ug/ml