

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022924AL\
 Data File : FE046999.D
 Signal(s) : FID1B.ch
 Acq On : 29 Feb 2024 17:13
 Operator : YP\AJ
 Sample : P1622-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 01:09:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 2024
 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)	11.791	4342562	26.431 ug/ml
Spiked Amount 50.000		Recovery =	52.86%
12) S 1-chlorooctadecane (S...	13.233	3577494	29.062 ug/ml
Spiked Amount 50.000		Recovery =	58.12%
Target Compounds			
6) T n-Tetradecane (C14)	8.427	46760	0.303 ug/ml
7) T n-Hexadecane (C16)	10.034	85812	0.541 ug/ml
8) T n-Octadecane (C18)	11.477	148042	0.929 ug/ml
10) T n-Eicosane (C20)	12.785	149897	0.990 ug/ml
11) T n-Heneicosane (C21)	13.398	108778	0.735 ug/ml
13) T n-Docosane (C22)	13.984	149653	1.029 ug/ml
14) T n-Tetracosane (C24)	15.088	141314	0.989 ug/ml
15) T n-Hexacosane (C26)	16.110	158152	1.132 ug/ml
16) T n-Octacosane (C28)	17.064	269852	1.981 ug/ml
17) T n-Tricontane (C30)	17.949	288934	2.071 ug/ml
18) T n-Dotriacontane (C32)	18.787	366359	2.662 ug/ml
19) T n-Tetratriacontane (C34)	19.576	620332	4.618 ug/ml
20) T n-Hexatriacontane (C36)	20.315	469561	3.526 ug/ml
21) T n-Octatriacontane (C38)	21.041	520984	3.781 ug/ml
22) T n-Tetracontane (C40)	21.882	39040	0.277 ug/ml

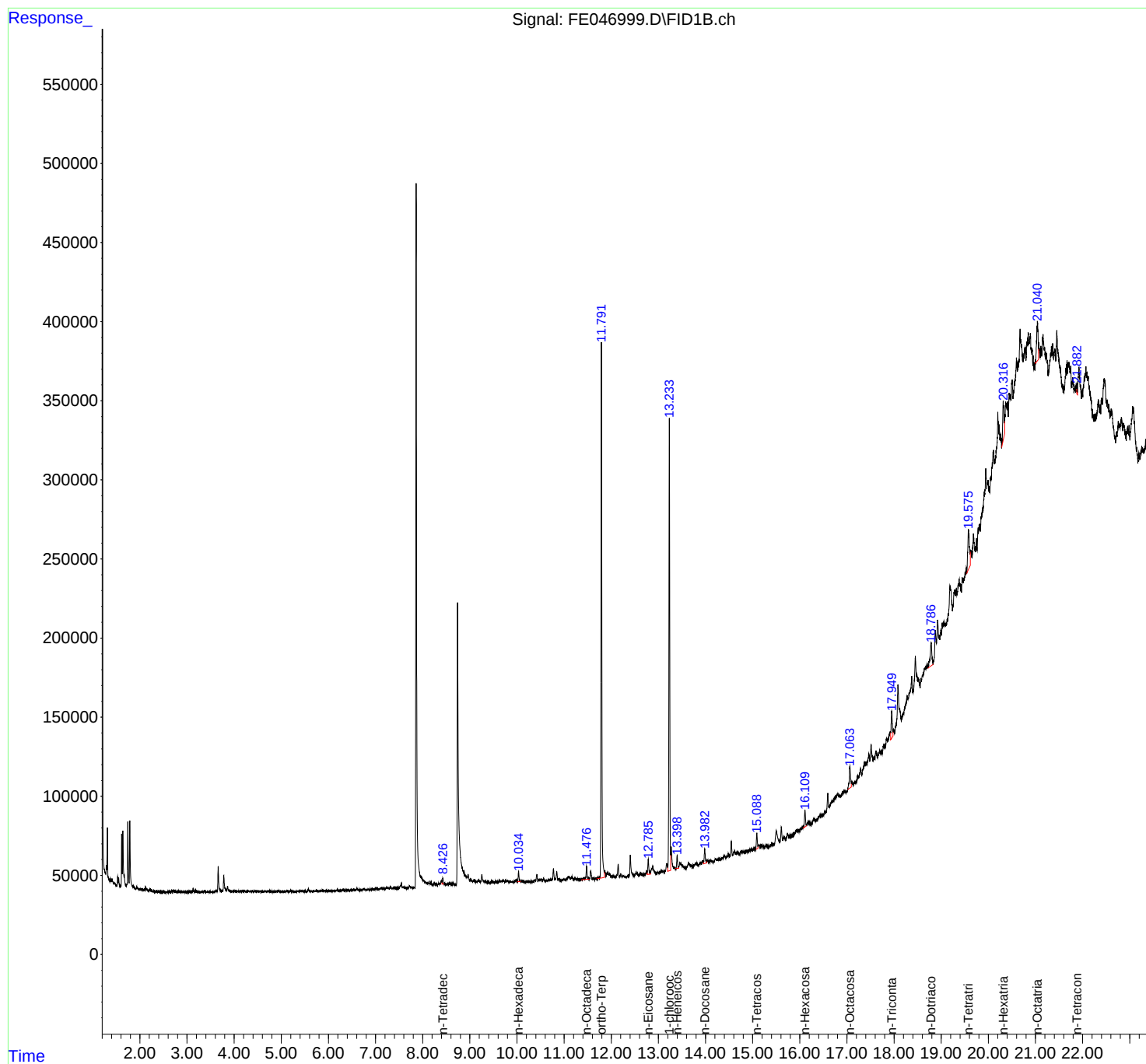
(f)=RT Delta > 1/2 Window

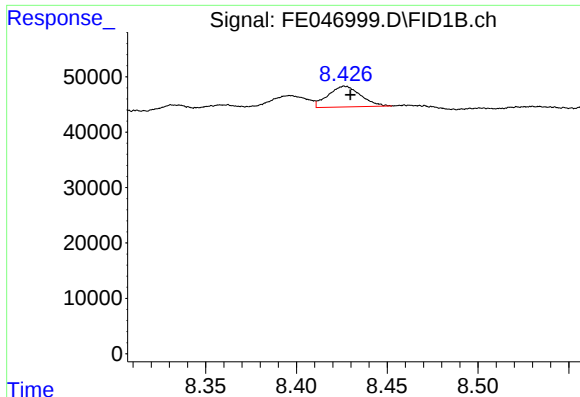
(m)=manual int.

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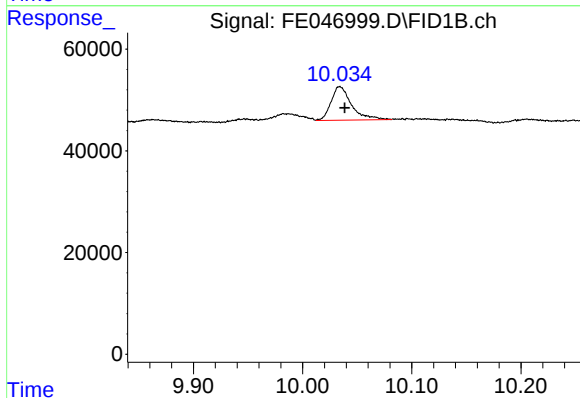
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





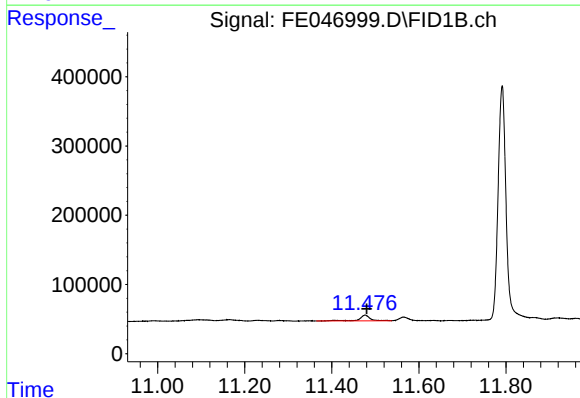
#6 n-Tetradecane (C14)

R.T.: 8.427 min
Delta R.T.: -0.003 min
Response: 46760
Conc: 0.30 ug/ml



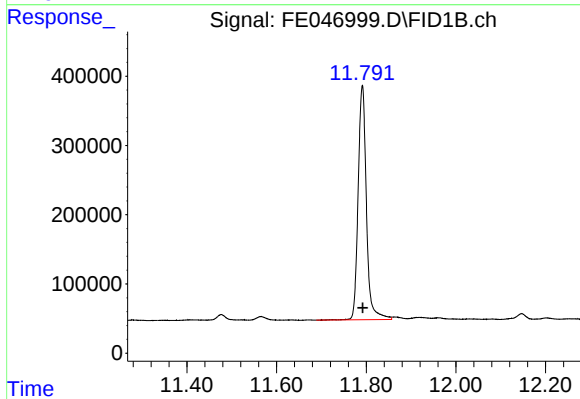
#7 n-Hexadecane (C16)

R.T.: 10.034 min
Delta R.T.: -0.004 min
Response: 85812
Conc: 0.54 ug/ml



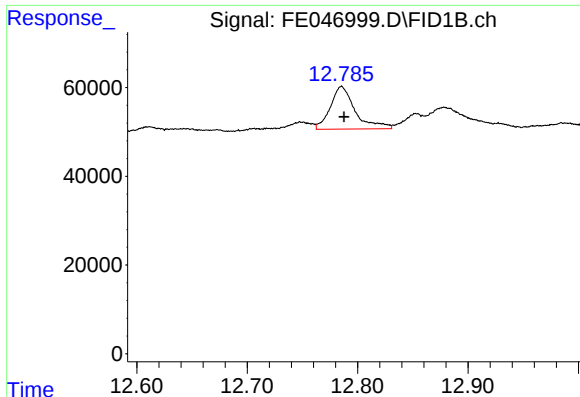
#8 n-Octadecane (C18)

R.T.: 11.477 min
Delta R.T.: -0.003 min
Response: 148042
Conc: 0.93 ug/ml



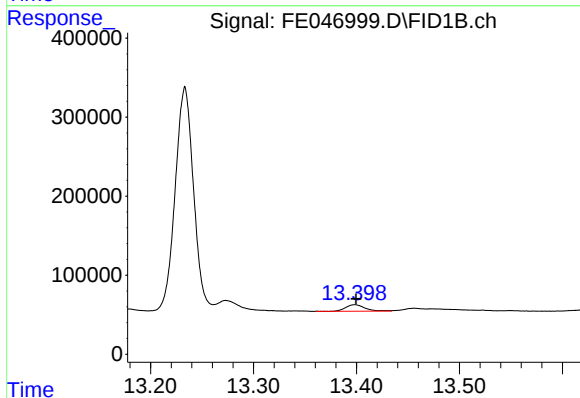
#9 ortho-Terphenyl (SURR)

R.T.: 11.791 min
Delta R.T.: 0.000 min
Response: 4342562
Conc: 26.43 ug/ml



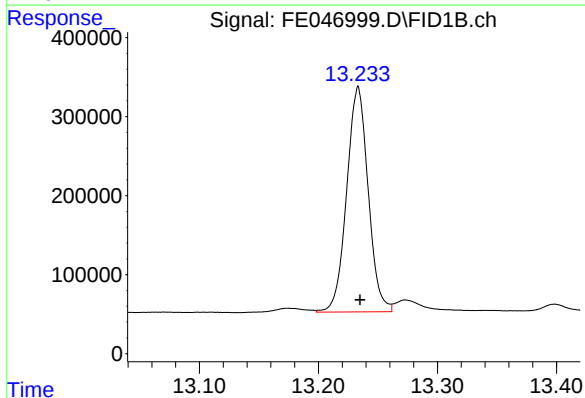
#10 n-Eicosane (C20)

R.T.: 12.785 min
Delta R.T.: -0.002 min
Response: 149897
Conc: 0.99 ug/ml



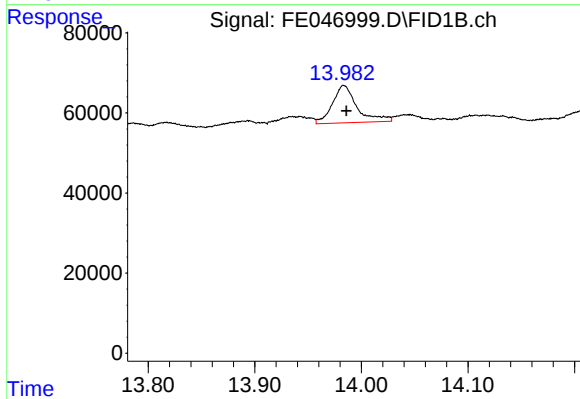
#11 n-Heneicosane (C21)

R.T.: 13.398 min
Delta R.T.: -0.001 min
Response: 108778
Conc: 0.73 ug/ml



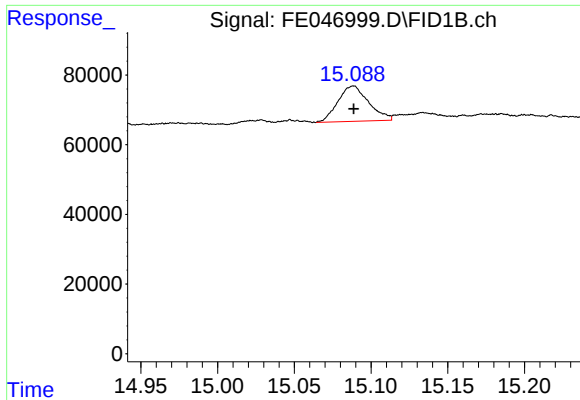
#12 1-chlorooctadecane (SURR)

R.T.: 13.233 min
Delta R.T.: -0.002 min
Response: 3577494
Conc: 29.06 ug/ml



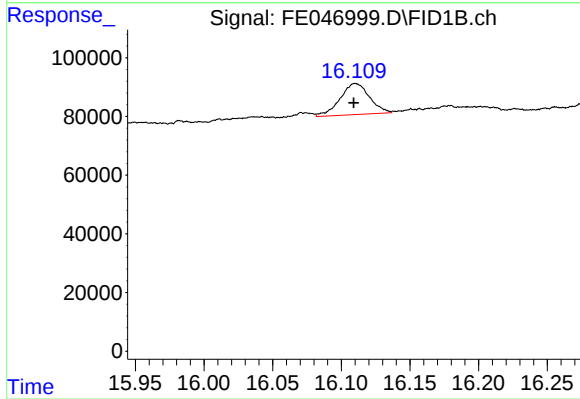
#13 n-Docosane (C22)

R.T.: 13.984 min
Delta R.T.: -0.002 min
Response: 149653
Conc: 1.03 ug/ml



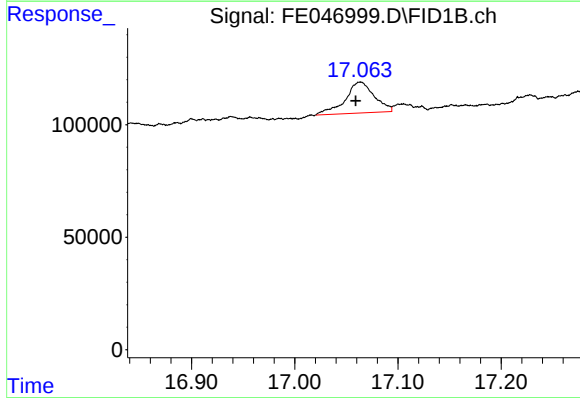
#14 n-Tetracosane (C24)

R.T.: 15.088 min
Delta R.T.: 0.000 min
Response: 141314
Conc: 0.99 ug/ml



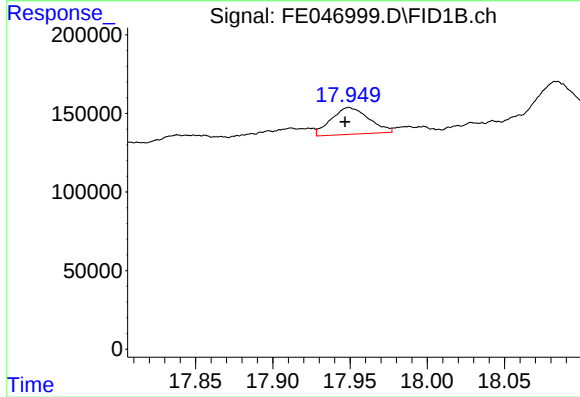
#15 n-Hexacosane (C26)

R.T.: 16.110 min
Delta R.T.: 0.001 min
Response: 158152
Conc: 1.13 ug/ml



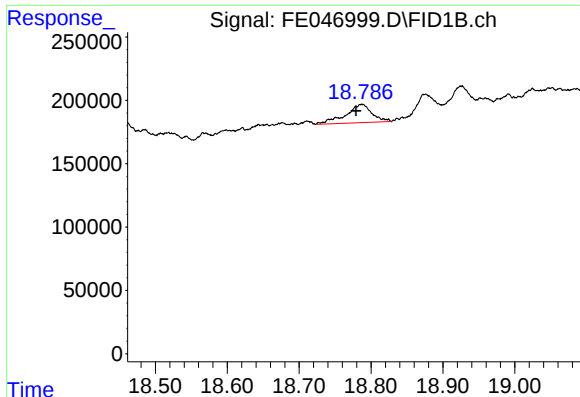
#16 n-Octacosane (C28)

R.T.: 17.064 min
Delta R.T.: 0.005 min
Response: 269852
Conc: 1.98 ug/ml



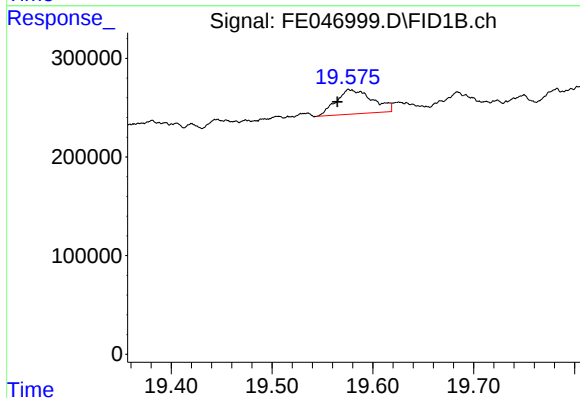
#17 n-Tricontane (C30)

R.T.: 17.949 min
Delta R.T.: 0.002 min
Response: 288934
Conc: 2.07 ug/ml



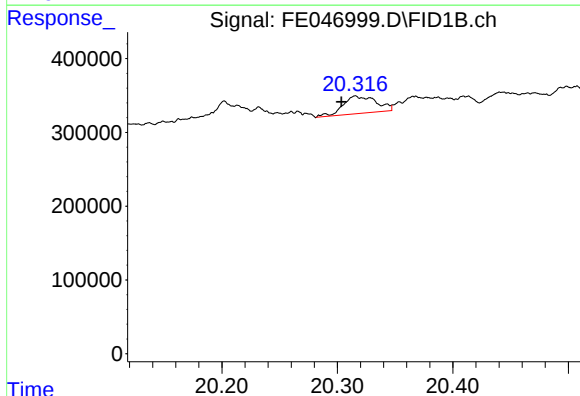
#18 n-Dotriacontane (C32)

R.T.: 18.787 min
Delta R.T.: 0.008 min
Response: 366359
Conc: 2.66 ug/ml



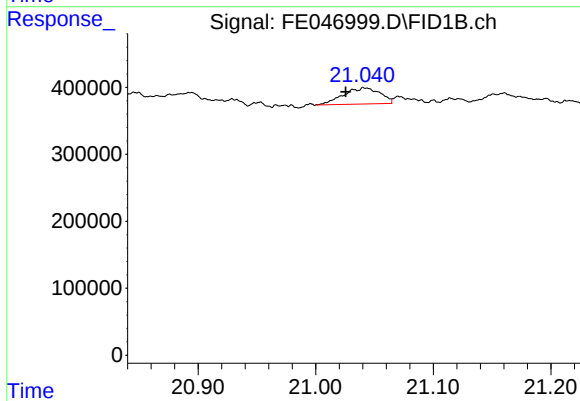
#19 n-Tetratriacontane (C34)

R.T.: 19.576 min
Delta R.T.: 0.012 min
Response: 620332
Conc: 4.62 ug/ml



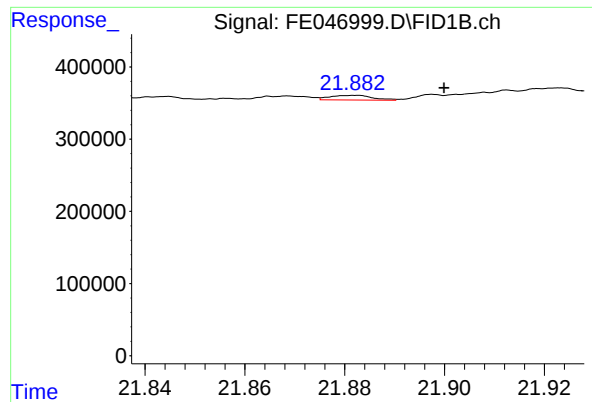
#20 n-Hexatriacontane (C36)

R.T.: 20.315 min
Delta R.T.: 0.012 min
Response: 469561
Conc: 3.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.041 min
Delta R.T.: 0.016 min
Response: 520984
Conc: 3.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.882 min
Delta R.T.: -0.018 min
Response: 39040
Conc: 0.28 ug/ml