

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012323AL\
 Data File : FE039977.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jan 2023 20:46
 Operator : YP\AJ
 Sample : 01254-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 01:30:52 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	5230947	34.063 ug/ml
Spiked Amount 50.000		Recovery =	68.13%
12) S 1-chlorooctadecane (S...	13.351	35282957	302.345 ug/ml
Spiked Amount 50.000		Recovery =	604.69%
Target Compounds			
6) T n-Tetradecane (C14)	8.541	76791	0.597 ug/ml
7) T n-Hexadecane (C16)	10.148	90172	0.668 ug/ml
8) T n-Octadecane (C18)	11.592	96206	0.687 ug/ml
10) T n-Eicosane (C20)	12.901	75718	0.546 ug/ml
11) T n-Heneicosane (C21)	13.535	608502	4.361 ug/ml
13) T n-Docosane (C22)	14.105	86714	0.625 ug/ml
14) T n-Tetracosane (C24)	15.193	187072	1.359 ug/ml
15) T n-Hexacosane (C26)	16.223	28679	0.215 ug/ml
16) T n-Octacosane (C28)	17.174	132143	1.015 ug/ml
17) T n-Tricontane (C30)	18.062	229683	1.801 ug/ml
18) T n-Dotriacontane (C32)	18.894	419616	3.319 ug/ml
19) T n-Tetratriacontane (C34)	19.680	212826	1.722 ug/ml
20) T n-Hexatriacontane (C36)	20.447	305045	2.587 ug/ml
21) T n-Octatriacontane (C38)	21.155	169207	1.416 ug/ml
22) T n-Tetracontane (C40)	22.060	517967	4.268 ug/ml

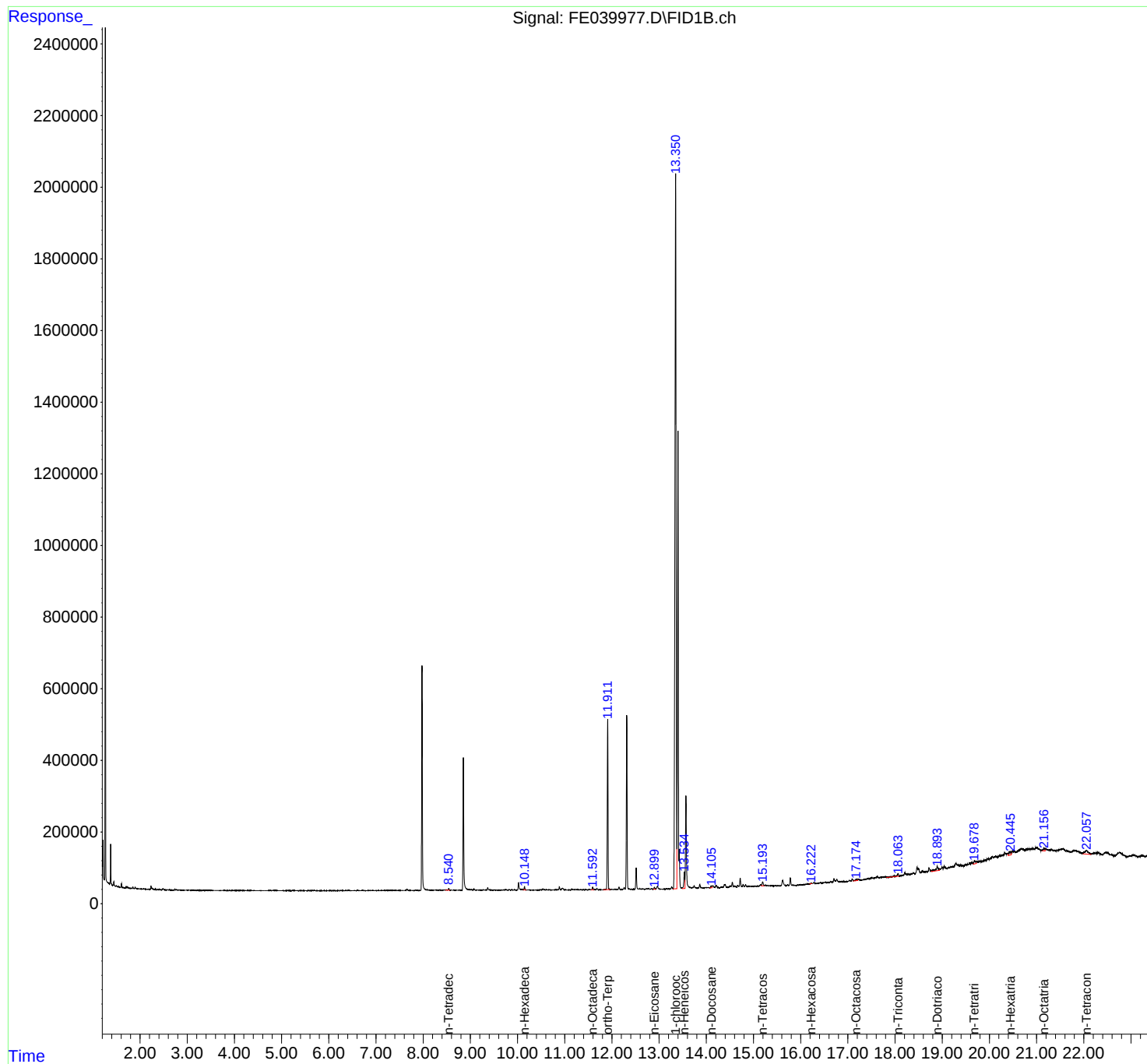
(f)=RT Delta > 1/2 Window

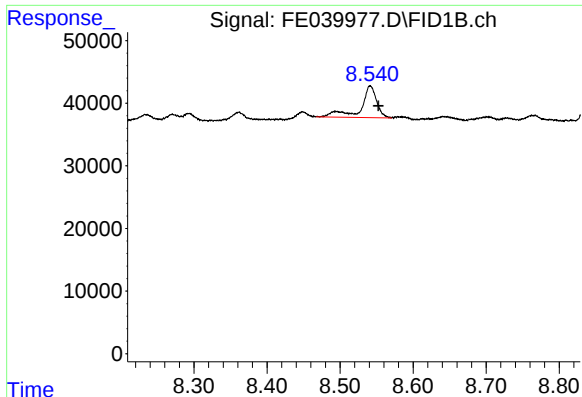
(m)=manual int.

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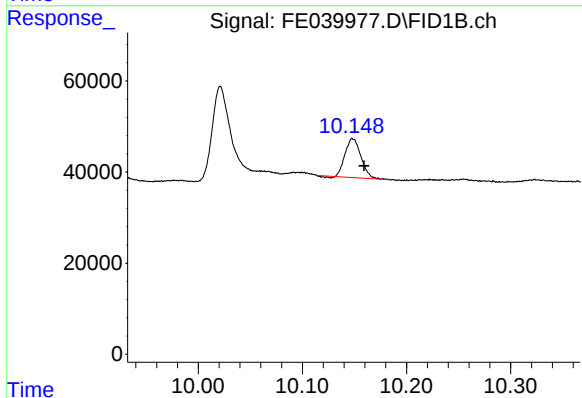
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





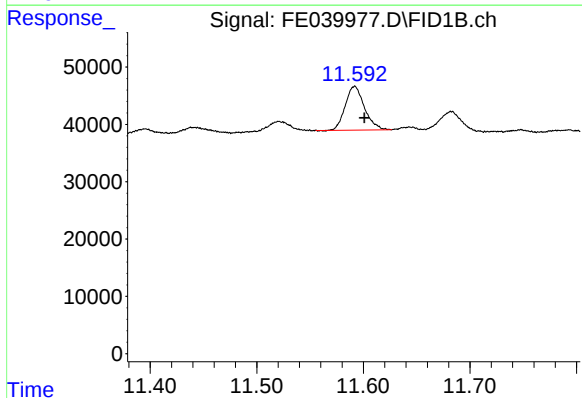
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: -0.011 min
Response: 76791
Conc: 0.60 ug/ml



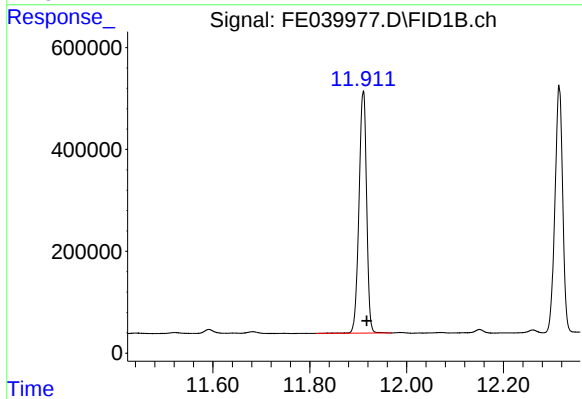
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: -0.011 min
Response: 90172
Conc: 0.67 ug/ml



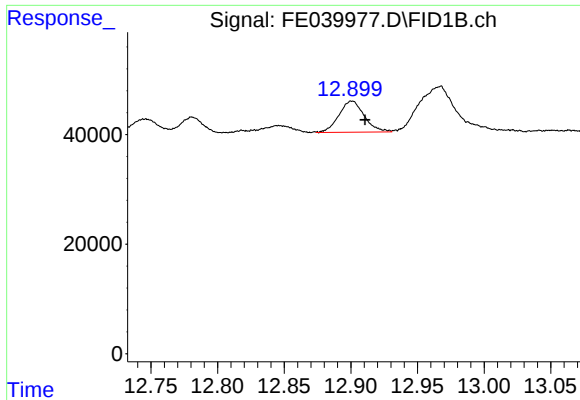
#8 n-Octadecane (C18)

R.T.: 11.592 min
Delta R.T.: -0.009 min
Response: 96206
Conc: 0.69 ug/ml



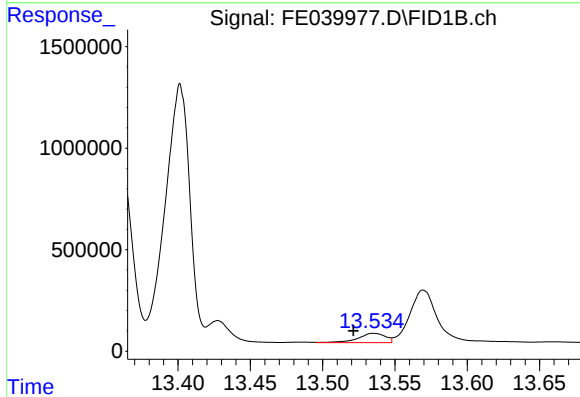
#9 ortho-Terphenyl (SURR)

R.T.: 11.911 min
Delta R.T.: -0.007 min
Response: 5230947
Conc: 34.06 ug/ml



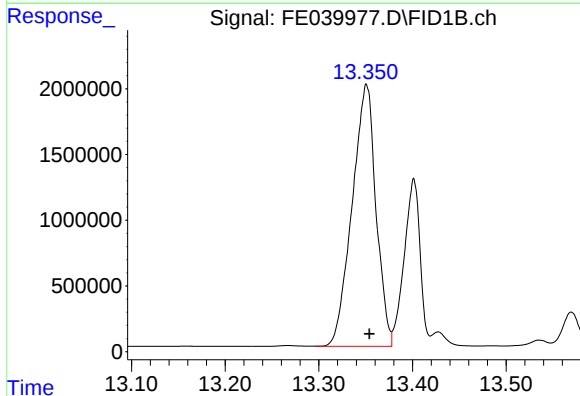
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: -0.010 min
Response: 75718
Conc: 0.55 ug/ml



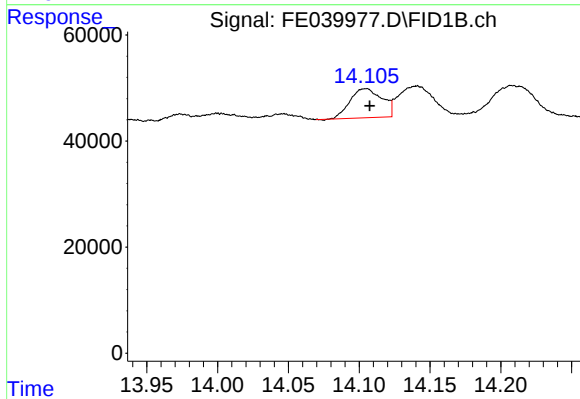
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.014 min
Response: 608502
Conc: 4.36 ug/ml



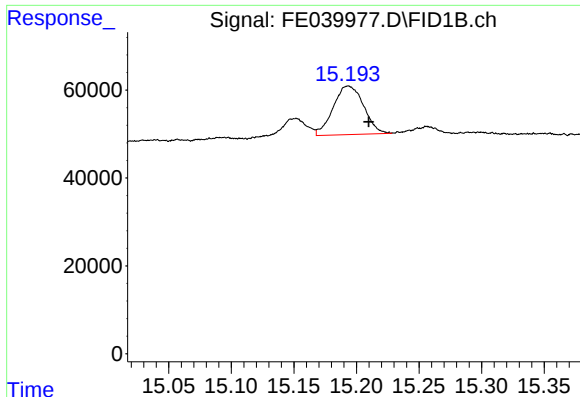
#12 1-chlorooctadecane (SURR)

R.T.: 13.351 min
Delta R.T.: -0.003 min
Response: 35282957
Conc: 302.35 ug/ml



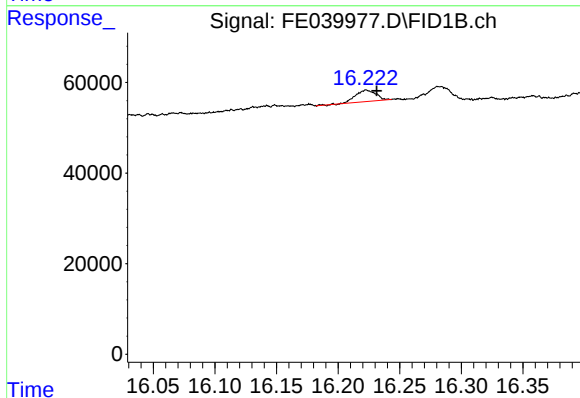
#13 n-Docosane (C22)

R.T.: 14.105 min
Delta R.T.: -0.003 min
Response: 86714
Conc: 0.62 ug/ml



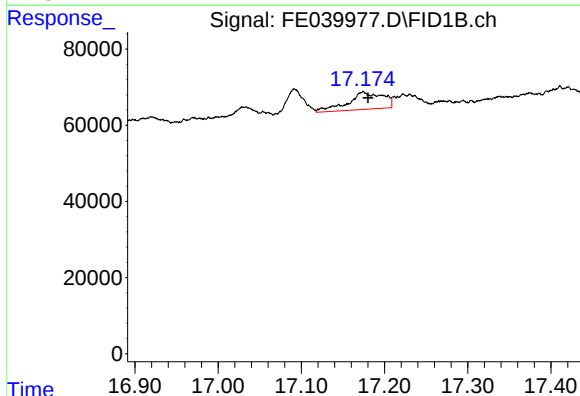
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: -0.016 min
Response: 187072
Conc: 1.36 ug/ml



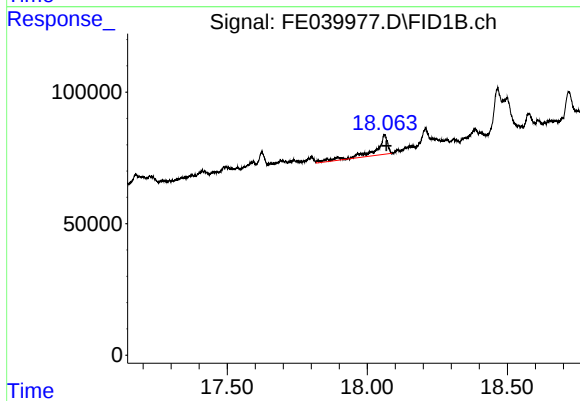
#15 n-Hexacosane (C26)

R.T.: 16.223 min
Delta R.T.: -0.008 min
Response: 28679
Conc: 0.21 ug/ml



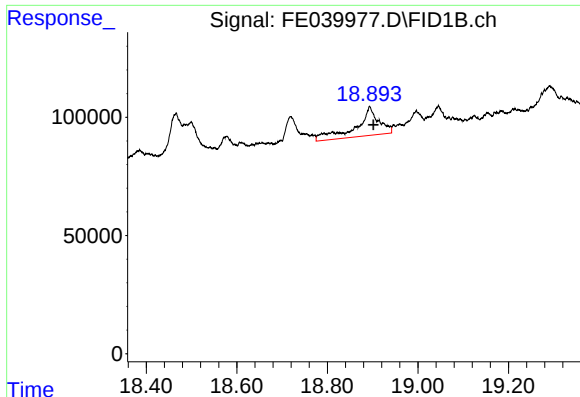
#16 n-Octacosane (C28)

R.T.: 17.174 min
Delta R.T.: -0.006 min
Response: 132143
Conc: 1.02 ug/ml



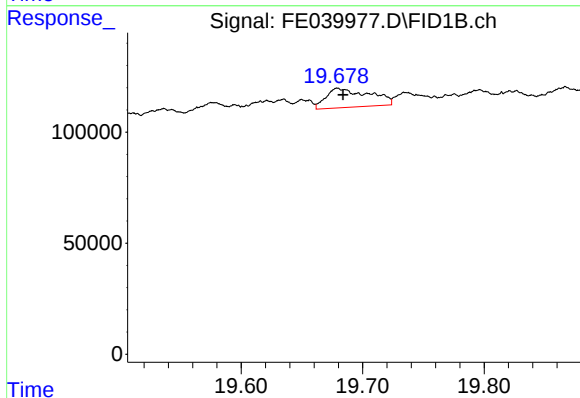
#17 n-Tricontane (C30)

R.T.: 18.062 min
Delta R.T.: -0.007 min
Response: 229683
Conc: 1.80 ug/ml



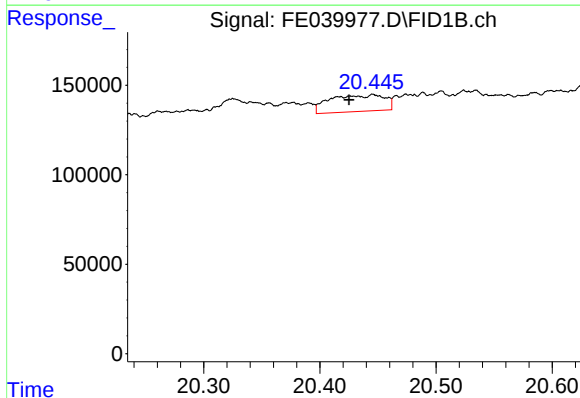
#18 n-Dotriacontane (C32)

R.T.: 18.894 min
Delta R.T.: -0.008 min
Response: 419616
Conc: 3.32 ug/ml



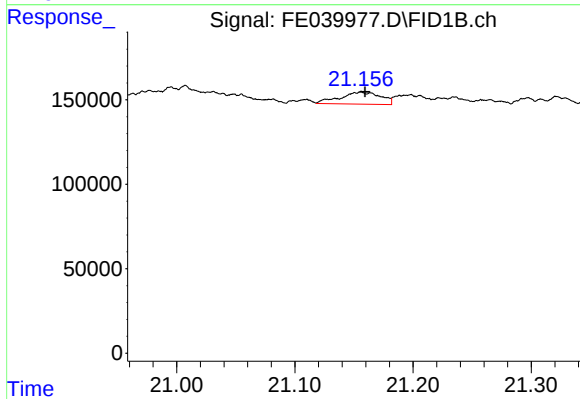
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min
Delta R.T.: -0.004 min
Response: 212826
Conc: 1.72 ug/ml



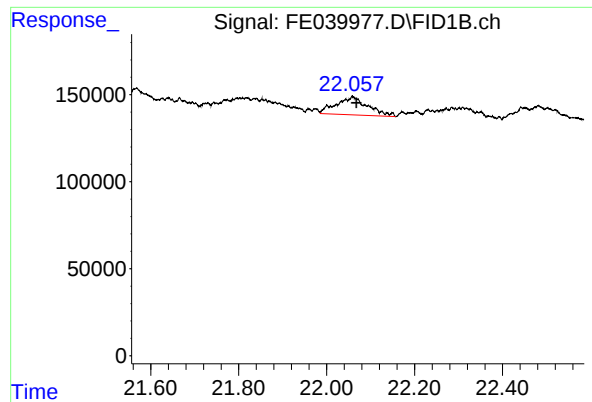
#20 n-Hexatriacontane (C36)

R.T.: 20.447 min
Delta R.T.: 0.021 min
Response: 305045
Conc: 2.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: -0.004 min
Response: 169207
Conc: 1.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.060 min
Delta R.T.: -0.008 min
Response: 517967
Conc: 4.27 ug/ml