

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121323AL\
 Data File : FC065416.D
 Signal(s) : FID1A.ch
 Acq On : 13 Dec 2023 12:42
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 13 21:17:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 2023
 Response via : Initial Calibration
 Integrator: ChemStation

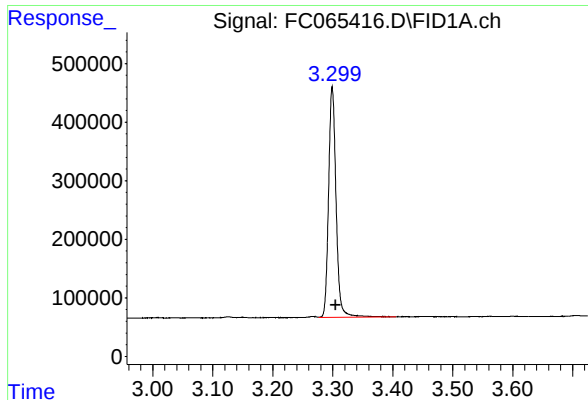
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.499	4232673	18.244 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
12) S 1-chlorooctadecane (S...	12.931	3102108	18.734 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
Target Compounds			
1) T n-Nonane (C9)	3.299	3407998	17.020 ug/ml
2) T n-Decane (C10)	4.359	3579623	17.810 ug/ml
3) T A~Naphthalene (C11.7)	5.941	3640982	17.933 ug/ml
4) T n-Dodecane (C12)	6.370	3660167	17.999 ug/ml
5) T A~2-methylnaphthalene...	6.996	3550341	18.267 ug/ml
6) T n-Tetradecane (C14)	8.158	3600422	18.117 ug/ml
7) T n-Hexadecane (C16)	9.752	3643660	18.394 ug/ml
8) T n-Octadecane (C18)	11.186	3672787	18.543 ug/ml
10) T n-Eicosane (C20)	12.488	3522491	18.614 ug/ml
11) T n-Heneicosane (C21)	13.097	3424363	18.533 ug/ml
13) T n-Docosane (C22)	13.680	3425004	18.985 ug/ml
14) T n-Tetracosane (C24)	14.778	3425066	19.755 ug/ml
15) T n-Hexacosane (C26)	15.794	3386587	20.338 ug/ml
16) T n-Octacosane (C28)	16.738	3421377	21.391 ug/ml
17) T n-Tricontane (C30)	17.622	3573558	22.443 ug/ml
18) T n-Dotriacontane (C32)	18.450	3528462	22.445 ug/ml
19) T n-Tetratriacontane (C34)	19.230	3215725	20.838 ug/ml
20) T n-Hexatriacontane (C36)	19.967	3048027	19.884 ug/ml
21) T n-Octatriacontane (C38)	20.685	2929523	19.265 ug/ml
22) T n-Tetracontane (C40)	21.558	2825871	18.851 ug/ml

(f)=RT Delta > 1/2 Window

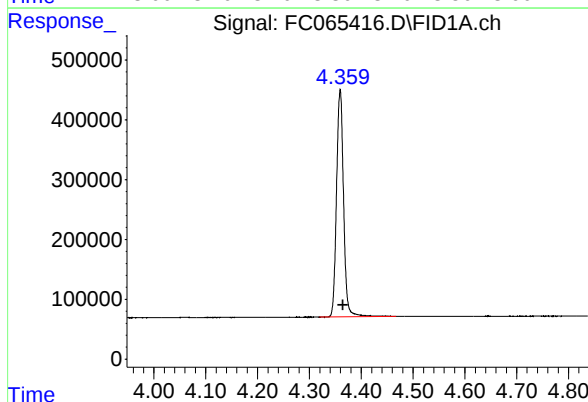
(m)=manual int.



#1 n-Nonane (C9)

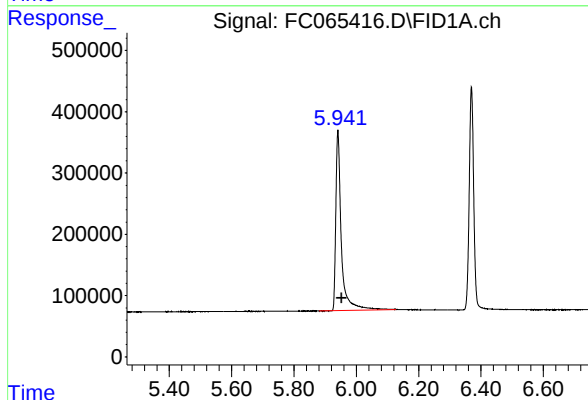
R.T.: 3.299 min
Delta R.T.: -0.006 min
Response: 3407998
Conc: 17.02 ug/ml

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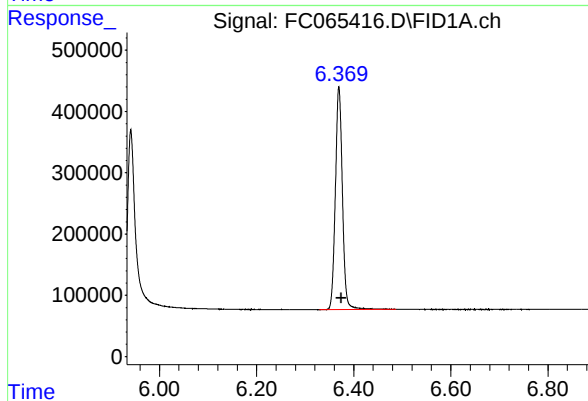
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: -0.005 min
Response: 3579623
Conc: 17.81 ug/ml



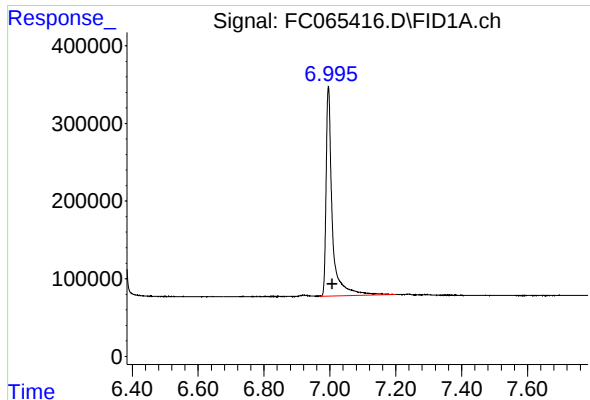
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.011 min
Response: 3640982
Conc: 17.93 ug/ml



#4 n-Dodecane (C12)

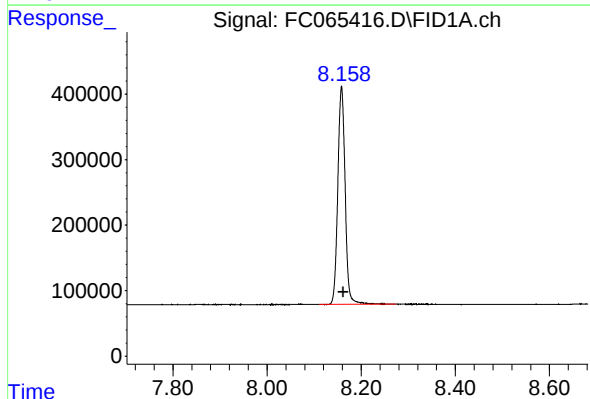
R.T.: 6.370 min
Delta R.T.: -0.005 min
Response: 3660167
Conc: 18.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

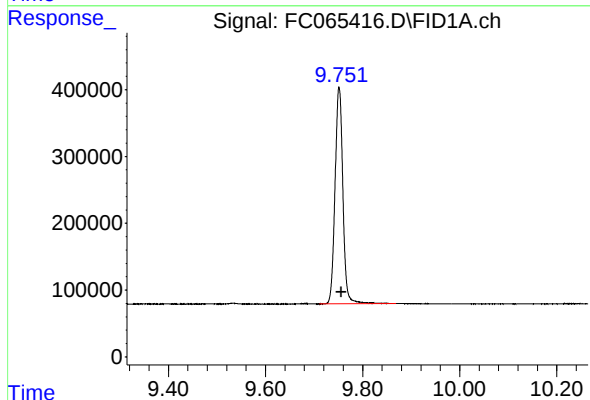
R.T.: 6.996 min
Delta R.T.: -0.011 min
Response: 3550341
Conc: 18.27 ug/ml

Instrument :
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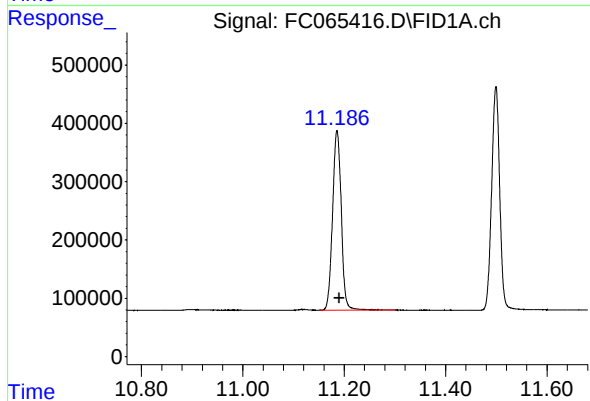
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.004 min
Response: 3600422
Conc: 18.12 ug/ml



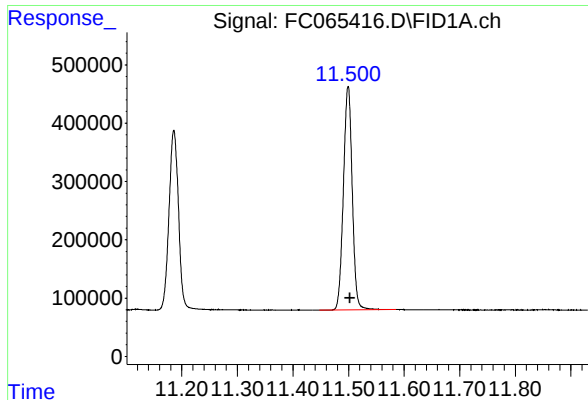
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: -0.004 min
Response: 3643660
Conc: 18.39 ug/ml



#8 n-Octadecane (C18)

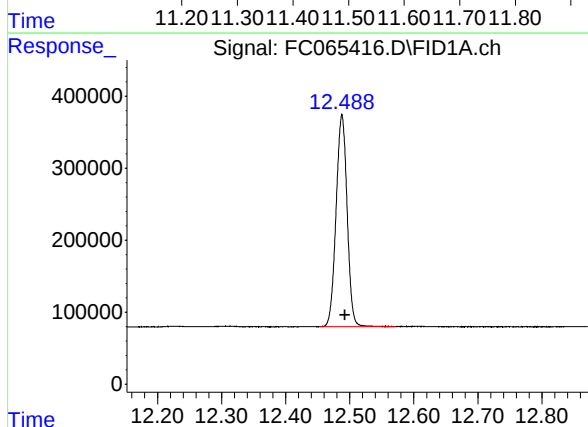
R.T.: 11.186 min
Delta R.T.: -0.004 min
Response: 3672787
Conc: 18.54 ug/ml



#9 ortho-Terphenyl (SURR)

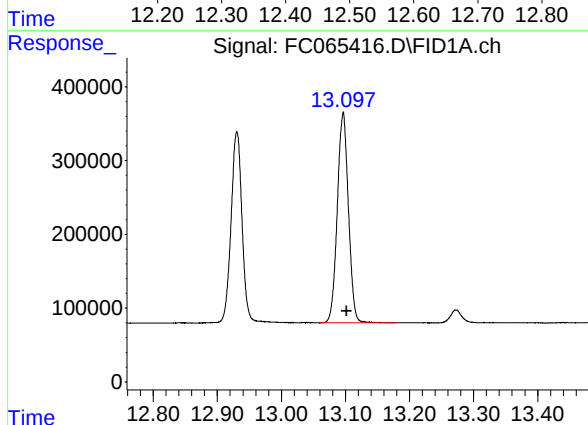
R.T.: 11.499 min
Delta R.T.: -0.004 min
Response: 4232673
Conc: 18.24 ug/ml

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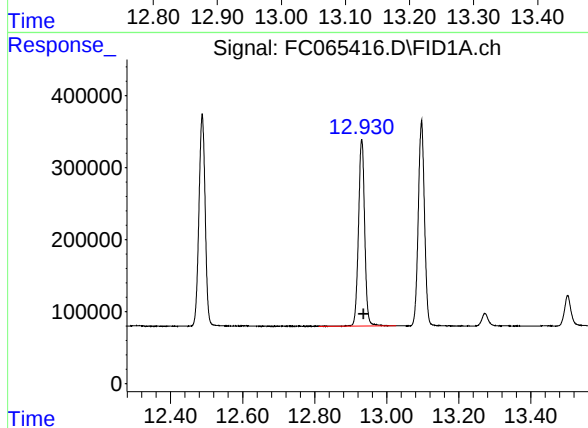
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: -0.005 min
Response: 3522491
Conc: 18.61 ug/ml



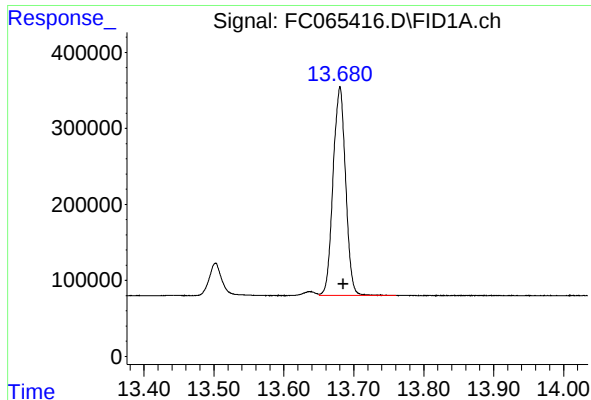
#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: -0.005 min
Response: 3424363
Conc: 18.53 ug/ml



#12 1-chlorooctadecane (SURR)

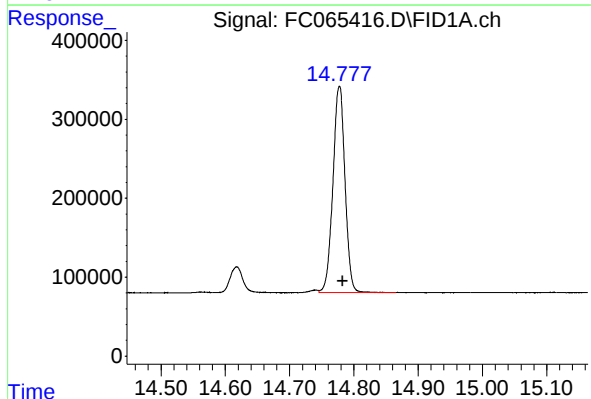
R.T.: 12.931 min
Delta R.T.: -0.005 min
Response: 3102108
Conc: 18.73 ug/ml



#13 n-Docosane (C22)

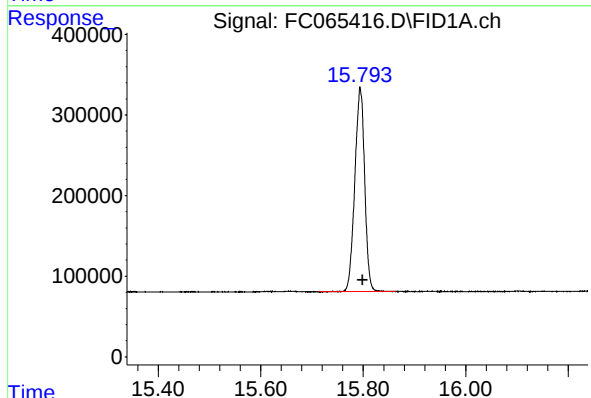
R.T.: 13.680 min
Delta R.T.: -0.005 min
Response: 3425004
Conc: 18.98 ug/ml

Instrument :
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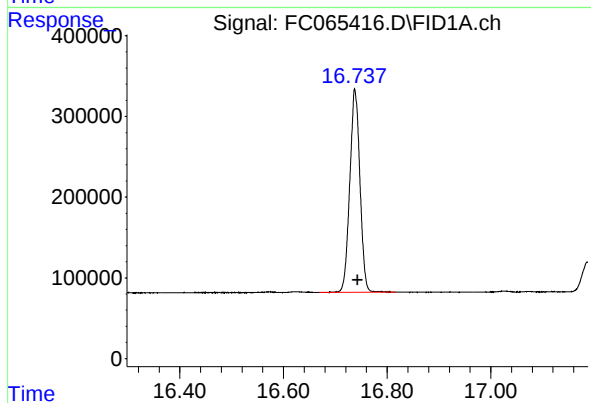
#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: -0.005 min
Response: 3425066
Conc: 19.76 ug/ml



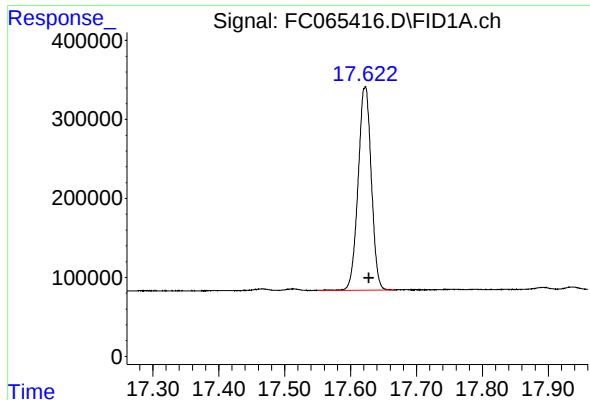
#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: -0.005 min
Response: 3386587
Conc: 20.34 ug/ml



#16 n-Octacosane (C28)

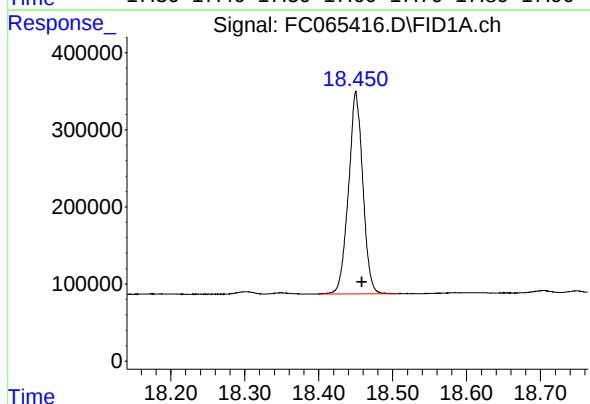
R.T.: 16.738 min
Delta R.T.: -0.006 min
Response: 3421377
Conc: 21.39 ug/ml



#17 n-Tricontane (C30)

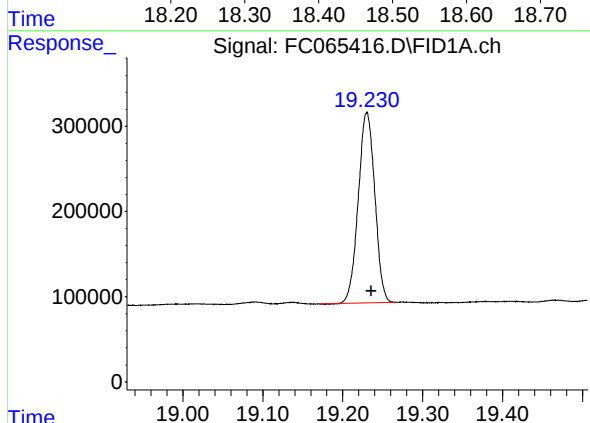
R.T.: 17.622 min
Delta R.T.: -0.006 min
Response: 3573558
Conc: 22.44 ug/ml

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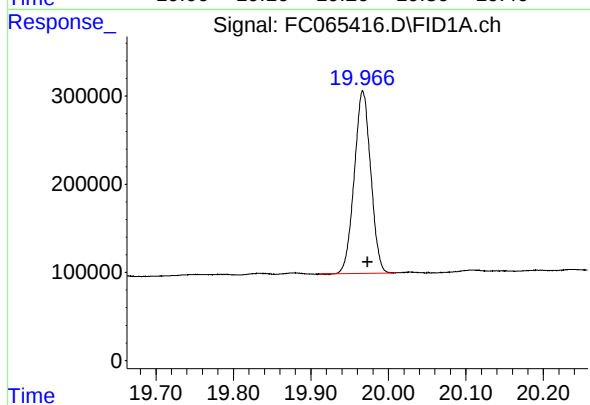
#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: -0.008 min
Response: 3528462
Conc: 22.45 ug/ml



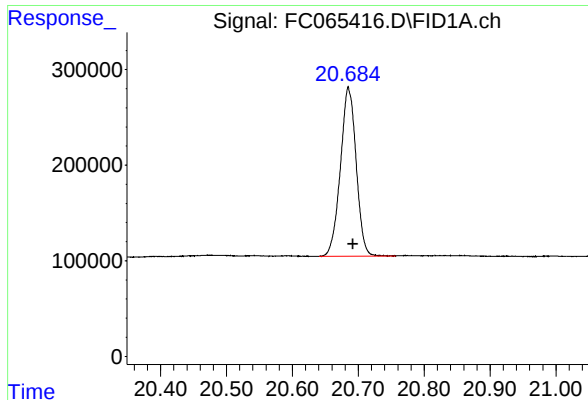
#19 n-Tetratriacontane (C34)

R.T.: 19.230 min
Delta R.T.: -0.005 min
Response: 3215725
Conc: 20.84 ug/ml



#20 n-Hexatriacontane (C36)

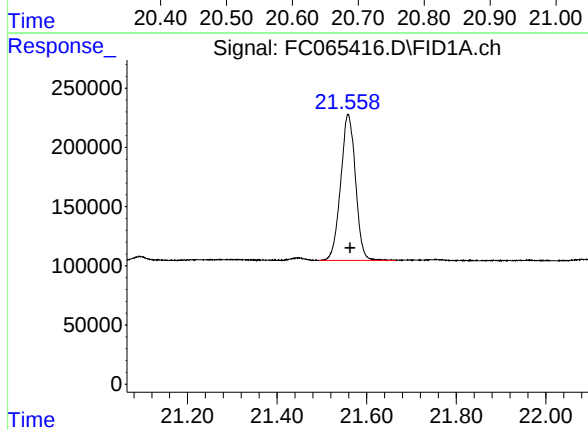
R.T.: 19.967 min
Delta R.T.: -0.006 min
Response: 3048027
Conc: 19.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.685 min
Delta R.T.: -0.007 min
Response: 2929523
Conc: 19.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.558 min
Delta R.T.: -0.005 min
Response: 2825871
Conc: 18.85 ug/ml