

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070722AL\
 Data File : FC060630.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2022 02:22
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2022
 Supervised By :Ankita Jodhani 07/08/2022

Integration File: autoint1.e
 Quant Time: Jul 08 04:28:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

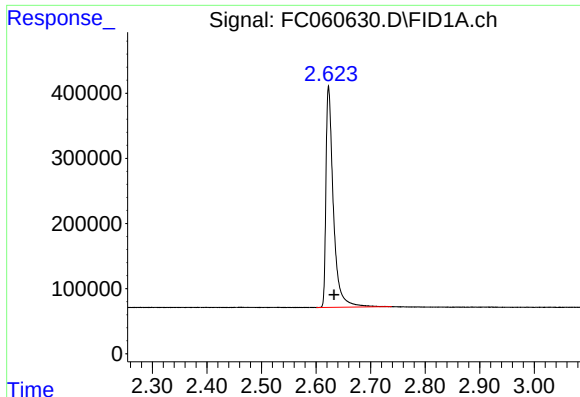
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.635	3598456	19.636 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
12) S 1-chlorooctadecane (S...	12.003	2850641	19.340 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
Target Compounds			
1) T n-Nonane (C9)	2.624	3213351	20.948 ug/ml
2) T n-Decane (C10)	3.619	3228536	21.140 ug/ml
3) T A~Naphthalene (C11.7)	5.157	3511341	21.002 ug/ml
4) T n-Dodecane (C12)	5.568	3404228	21.064 ug/ml
5) T A~2-methylnaphthalene...	6.180	3543305	20.844 ug/ml
6) T n-Tetradecane (C14)	7.318	3431609	20.772 ug/ml
7) T n-Hexadecane (C16)	8.880	3455481	20.446 ug/ml
8) T n-Octadecane (C18)	10.288	3438178	19.985 ug/ml
10) T n-Eicosane (C20)	11.567	3344927	19.599 ug/ml
11) T n-Heneicosane (C21)	12.165	3305027	19.384 ug/ml
13) T n-Docosane (C22)	12.737	3251827	19.077 ug/ml
14) T n-Tetracosane (C24)	13.815	3115574	18.556 ug/ml
15) T n-Hexacosane (C26)	14.811	2963196	18.032 ug/ml
16) T n-Octacosane (C28)	15.740	2840721	17.902 ug/ml
17) T n-Tricontane (C30)	16.606	2768343	18.186 ug/ml
18) T n-Dotriacontane (C32)	17.418	2659199	18.293 ug/ml
19) T n-Tetratriacontane (C34)	18.183	2490962	19.612 ug/ml
20) T n-Hexatriacontane (C36)	18.902	2408405	21.460 ug/ml
21) T n-Octatriacontane (C38)	19.585	2310204	21.104 ug/mlm
22) T n-Tetracontane (C40)	20.234	2434542	21.556 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



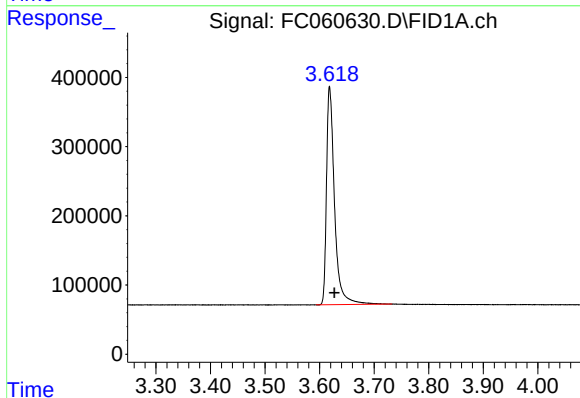
#1 n-Nonane (C9)

R.T.: 2.624 min
Delta R.T.: -0.009 min
Response: 3213351
Conc: 20.95 ug/ml

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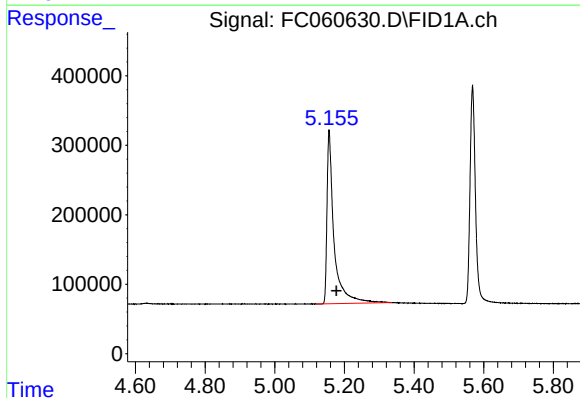
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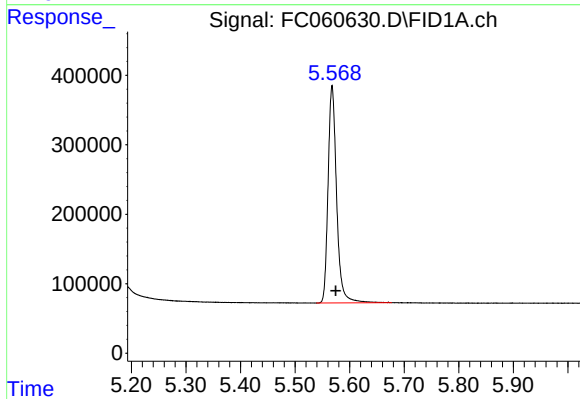
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.008 min
Response: 3228536
Conc: 21.14 ug/ml



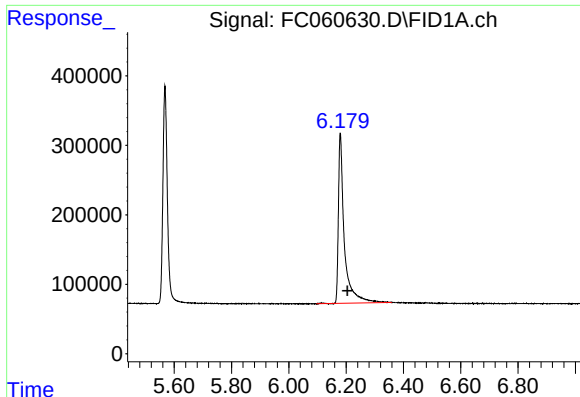
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.020 min
Response: 3511341
Conc: 21.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.568 min
Delta R.T.: -0.007 min
Response: 3404228
Conc: 21.06 ug/ml



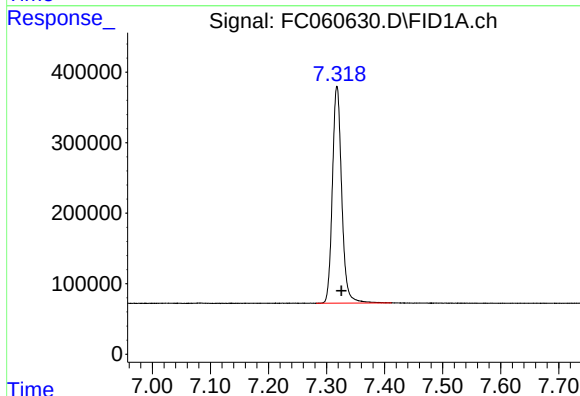
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.180 min
Delta R.T.: -0.024 min
Response: 3543305
Conc: 20.84 ug/ml

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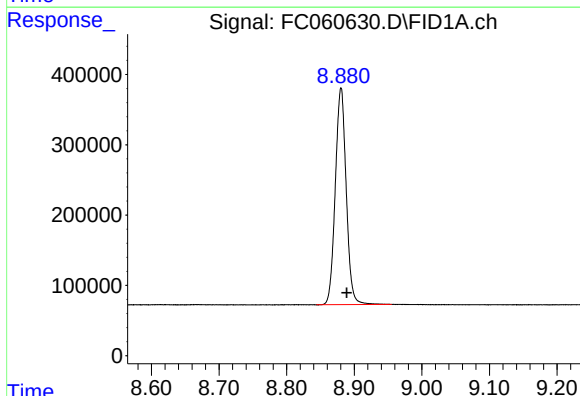
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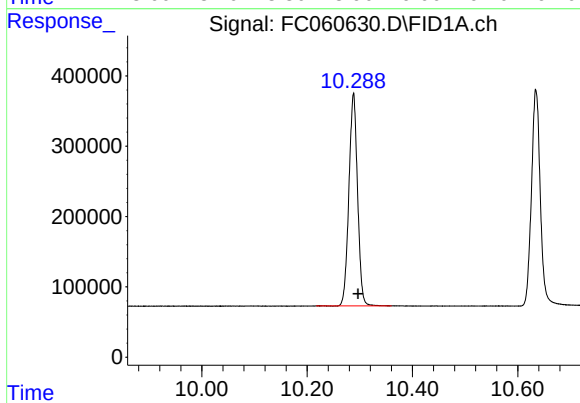
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.008 min
Response: 3431609
Conc: 20.77 ug/ml



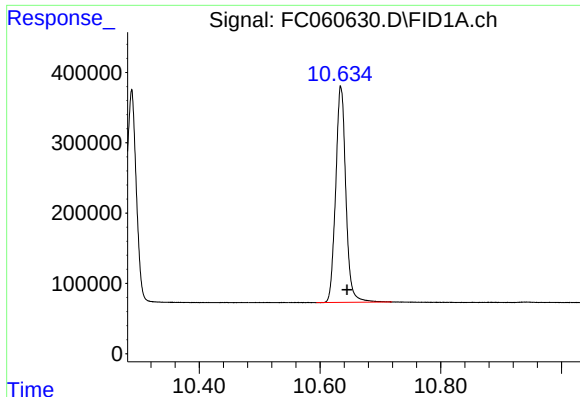
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: -0.008 min
Response: 3455481
Conc: 20.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.288 min
Delta R.T.: -0.009 min
Response: 3438178
Conc: 19.98 ug/ml



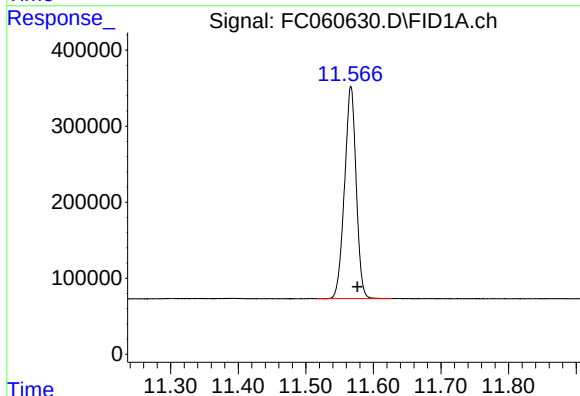
#9 ortho-Terphenyl (SURR)

R.T.: 10.635 min
Delta R.T.: -0.010 min
Response: 3598456
Conc: 19.64 ug/ml

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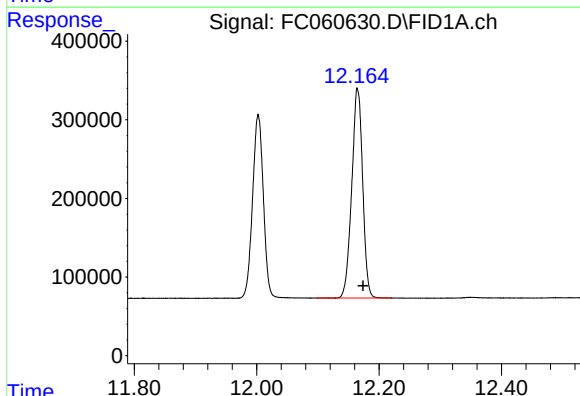
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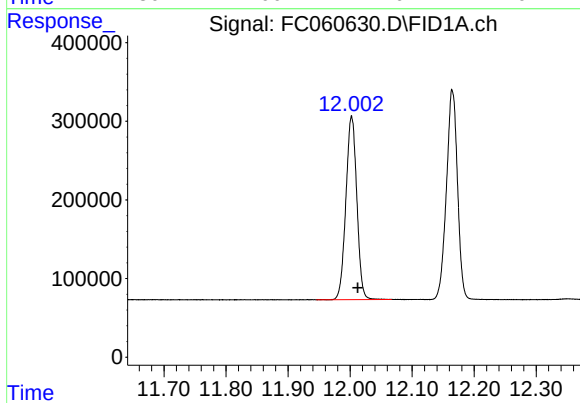
#10 n-Eicosane (C20)

R.T.: 11.567 min
Delta R.T.: -0.010 min
Response: 3344927
Conc: 19.60 ug/ml



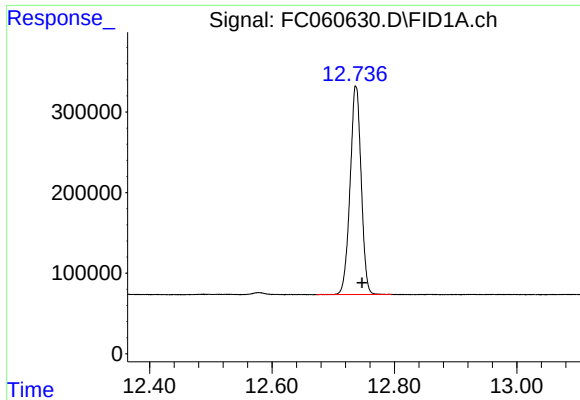
#11 n-Heneicosane (C21)

R.T.: 12.165 min
Delta R.T.: -0.009 min
Response: 3305027
Conc: 19.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.003 min
Delta R.T.: -0.010 min
Response: 2850641
Conc: 19.34 ug/ml



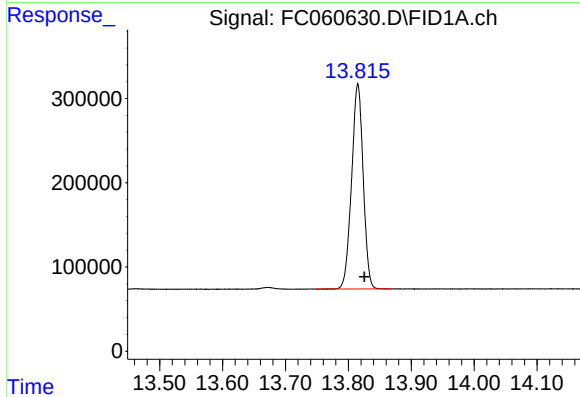
#13 n-Docosane (C22)

R.T.: 12.737 min
Delta R.T.: -0.010 min
Response: 3251827
Conc: 19.08 ug/ml

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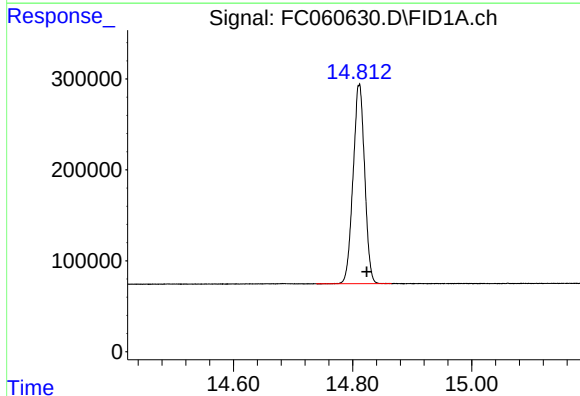
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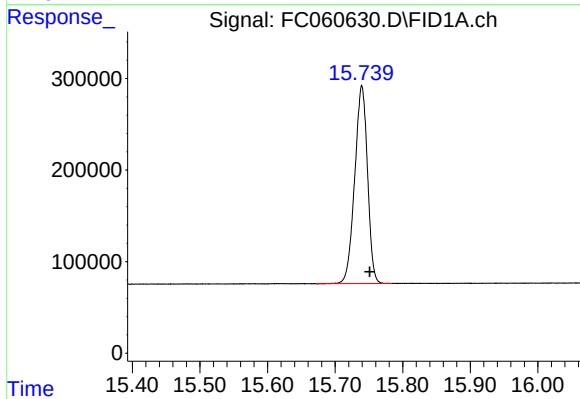
#14 n-Tetracosane (C24)

R.T.: 13.815 min
Delta R.T.: -0.010 min
Response: 3115574
Conc: 18.56 ug/ml



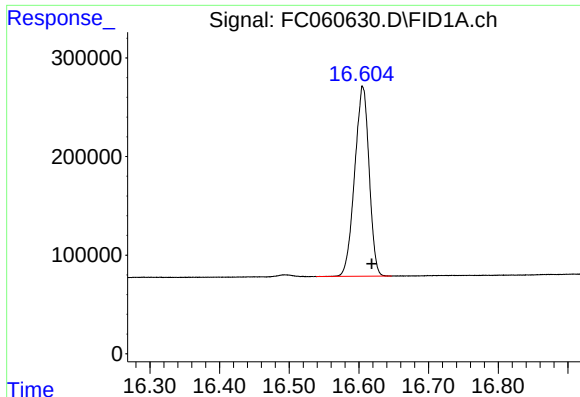
#15 n-Hexacosane (C26)

R.T.: 14.811 min
Delta R.T.: -0.012 min
Response: 2963196
Conc: 18.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.740 min
Delta R.T.: -0.012 min
Response: 2840721
Conc: 17.90 ug/ml



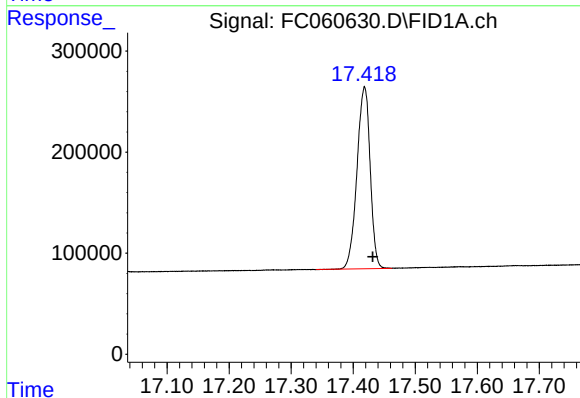
#17 n-Tricontane (C30)

R.T.: 16.606 min
Delta R.T.: -0.013 min
Response: 2768343
Conc: 18.19 ug/ml

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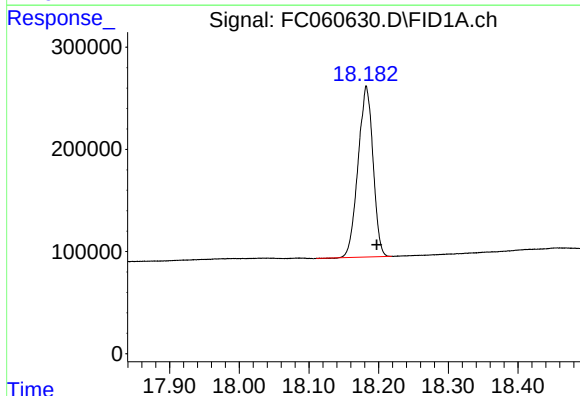
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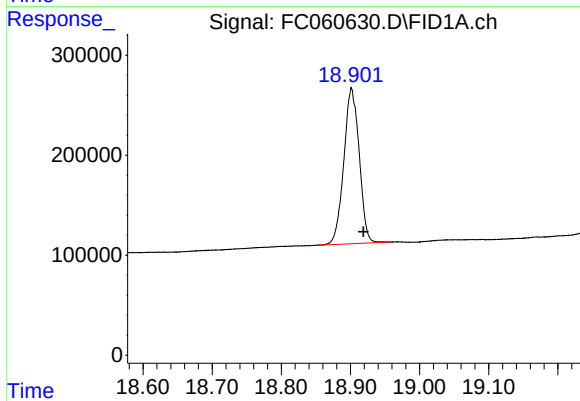
#18 n-Dotriacontane (C32)

R.T.: 17.418 min
Delta R.T.: -0.013 min
Response: 2659199
Conc: 18.29 ug/ml



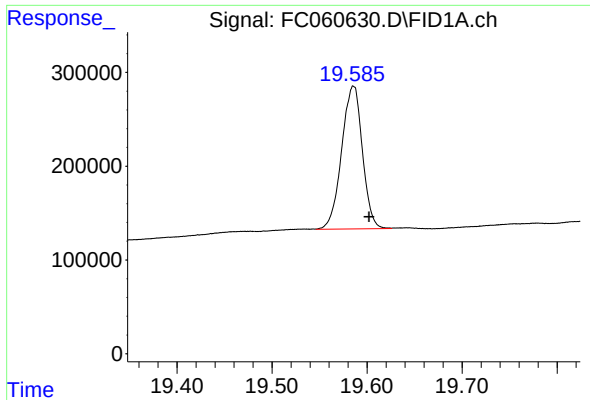
#19 n-Tetratriacontane (C34)

R.T.: 18.183 min
Delta R.T.: -0.015 min
Response: 2490962
Conc: 19.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.902 min
Delta R.T.: -0.017 min
Response: 2408405
Conc: 21.46 ug/ml



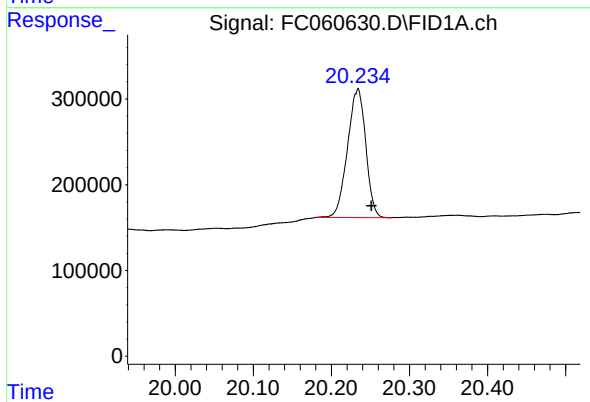
#21 n-Octatriacontane (C38)

R.T.: 19.585 min
Delta R.T.: -0.017 min
Response: 2310204
Conc: 21.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.234 min
Delta R.T.: -0.018 min
Response: 2434542
Conc: 21.56 ug/ml