

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF072924AL\
 Data File : FF014313.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jul 2024 20:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jul 30 06:06:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 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

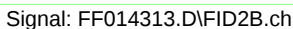
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.821	2810014	19.952 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	13.263	1888026	20.194 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
Target Compounds			
1) T n-Nonane (C9)	3.220	2577301	19.942 ug/ml
2) T n-Decane (C10)	4.470	2626360	20.045 ug/ml
3) T A~Naphthalene (C11.7)	6.164	2577539	20.243 ug/ml
4) T n-Dodecane (C12)	6.635	2650814	20.044 ug/ml
5) T A~2-methylnaphthalene...	7.259	2369385	20.452 ug/ml
6) T n-Tetradecane (C14)	8.461	2588219	20.106 ug/ml
7) T n-Hexadecane (C16)	10.067	2626184	20.283 ug/ml
8) T n-Octadecane (C18)	11.510	2667150	20.200 ug/ml
10) T n-Eicosane (C20)	12.819	2520972	20.058 ug/ml
11) T n-Heneicosane (C21)	13.432	2462534	20.077 ug/ml
13) T n-Docosane (C22)	14.018	2410763	20.117 ug/ml
14) T n-Tetracosane (C24)	15.122	2342131	20.040 ug/ml
15) T n-Hexacosane (C26)	16.143	2265665	20.046 ug/ml
16) T n-Octacosane (C28)	17.093	2191102	19.877 ug/ml
17) T n-Tricontane (C30)	17.981	2190652	19.626 ug/ml
18) T n-Dotriacontane (C32)	18.815	2100514	19.137 ug/ml
19) T n-Tetratriacontane (C34)	19.599	1934404	18.845 ug/ml
20) T n-Hexatriacontane (C36)	20.339	1650563	18.488 ug/ml
21) T n-Octatriacontane (C38)	21.061	1263103	18.342 ug/ml
22) T n-Tetracontane (C40)	21.938	756994	16.920 ug/ml

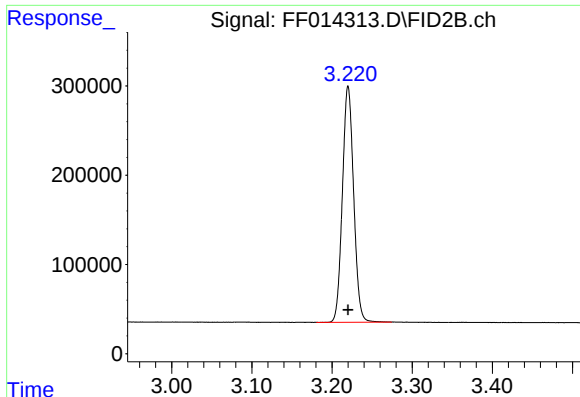
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD ICV

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

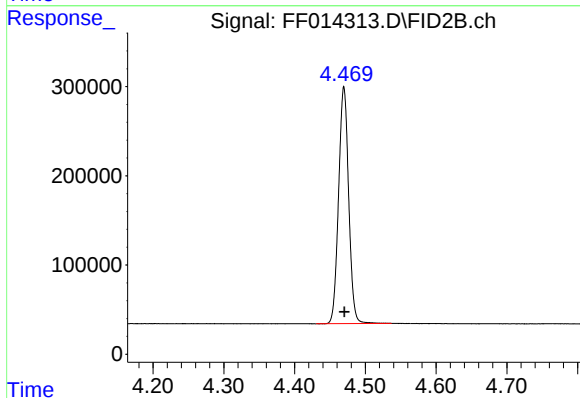




#1 n-Nonane (C9)

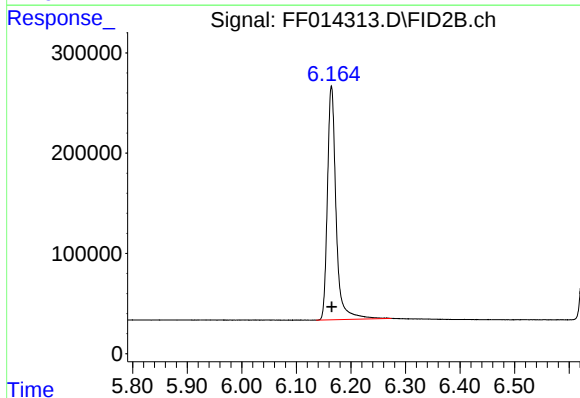
R.T.: 3.220 min
Delta R.T.: 0.000 min
Response: 2577301
Conc: 19.94 ug/ml

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20 PPM ALIPHATIC HC STD ICV



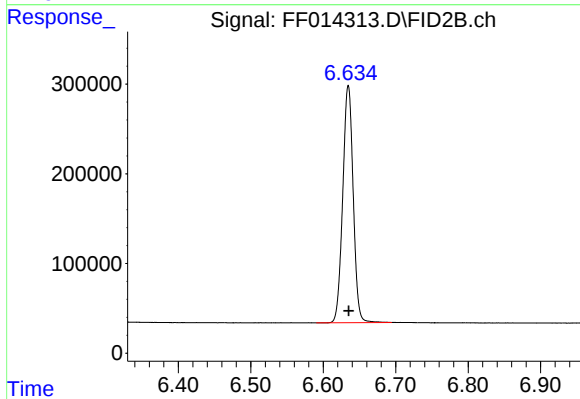
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 2626360
Conc: 20.04 ug/ml



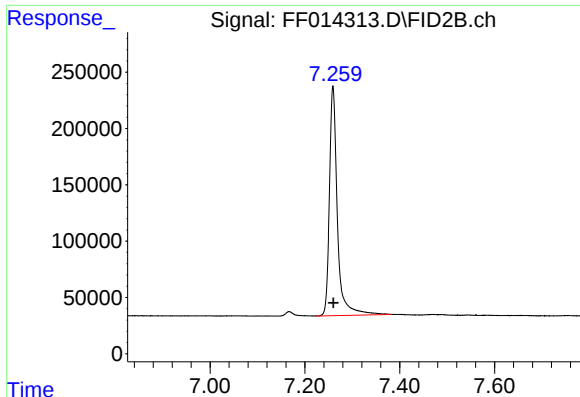
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 2577539
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

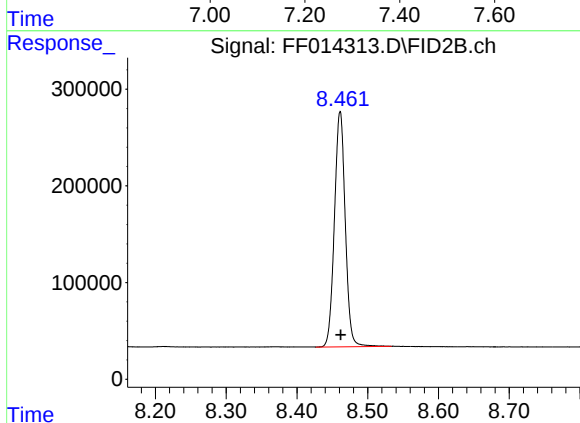
R.T.: 6.635 min
Delta R.T.: 0.000 min
Response: 2650814
Conc: 20.04 ug/ml



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

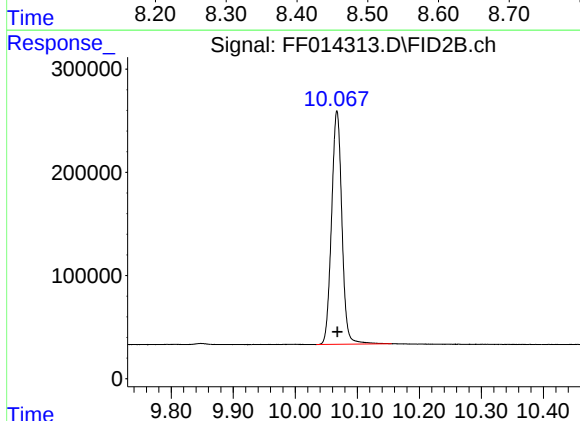
R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 2369385
Conc: 20.45 ug/ml

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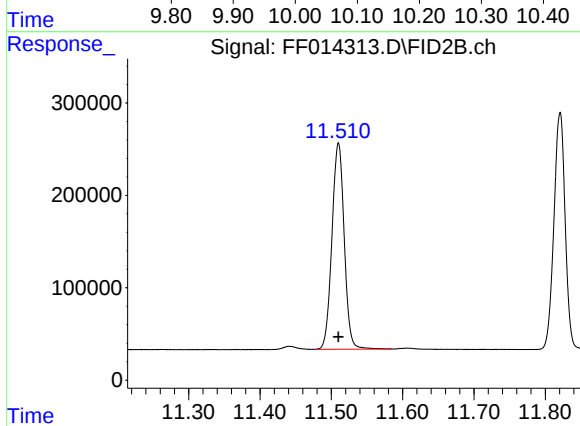
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 2588219
Conc: 20.11 ug/ml



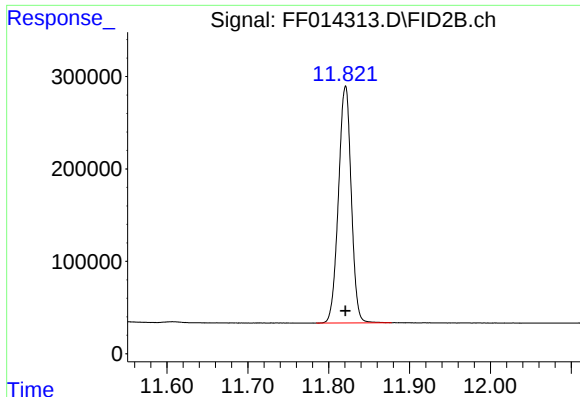
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: 0.000 min
Response: 2626184
Conc: 20.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: 0.000 min
Response: 2667150
Conc: 20.20 ug/ml



#9 ortho-Terphenyl (SURR)

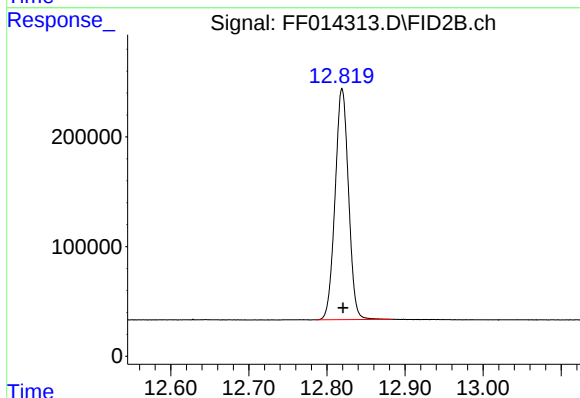
R.T.: 11.821 min
Delta R.T.: 0.000 min
Response: 2810014
Conc: 19.95 ug/ml

Instrument :

FID_F

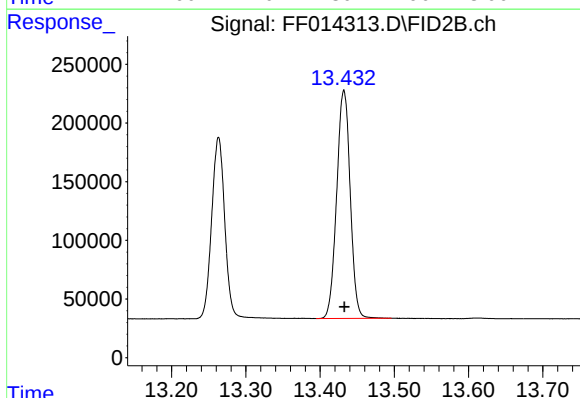
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



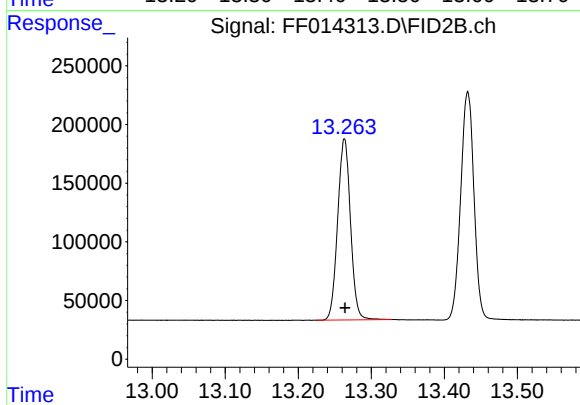
#10 n-Eicosane (C20)

R.T.: 12.819 min
Delta R.T.: -0.001 min
Response: 2520972
Conc: 20.06 ug/ml



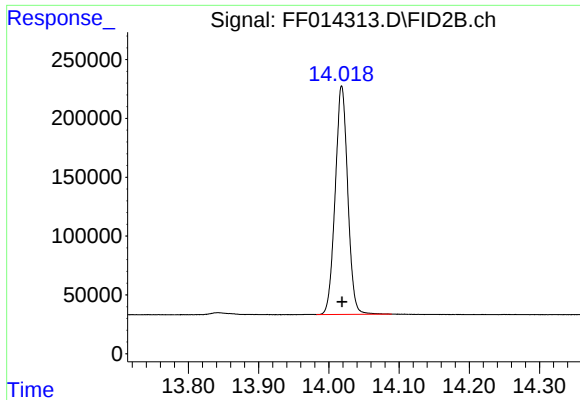
#11 n-Heneicosane (C21)

R.T.: 13.432 min
Delta R.T.: 0.000 min
Response: 2462534
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

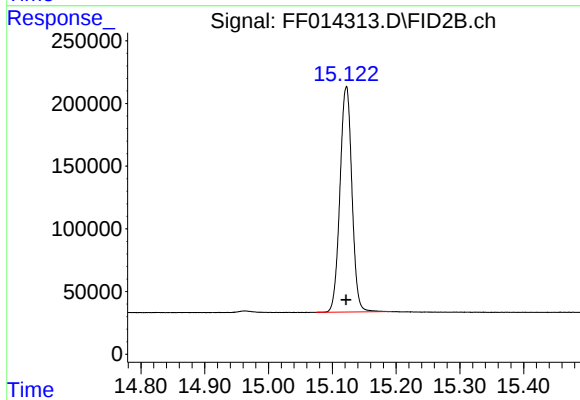
R.T.: 13.263 min
Delta R.T.: 0.000 min
Response: 1888026
Conc: 20.19 ug/ml



#13 n-Docosane (C22)

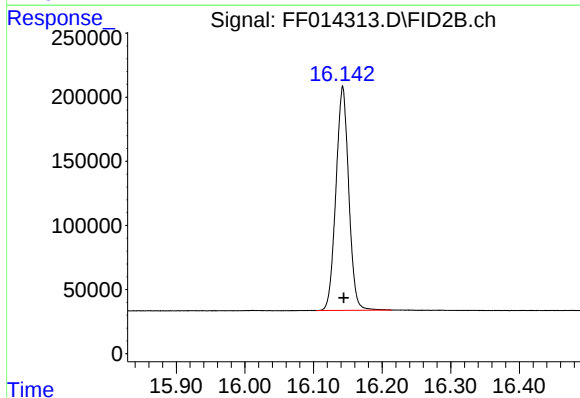
R.T.: 14.018 min
Delta R.T.: 0.000 min
Response: 2410763
Conc: 20.12 ug/ml

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20 PPM ALIPHATIC HC STD ICV



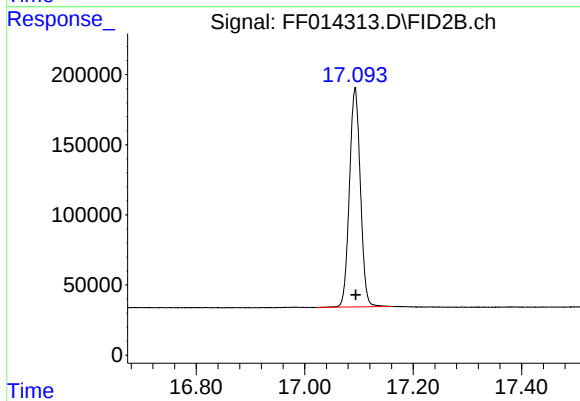
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: 0.000 min
Response: 2342131
Conc: 20.04 ug/ml



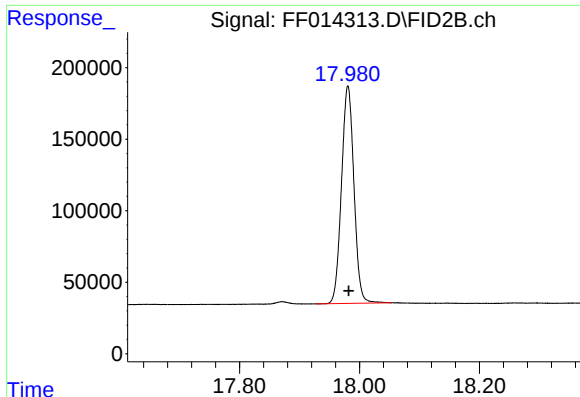
#15 n-Hexacosane (C26)

R.T.: 16.143 min
Delta R.T.: -0.001 min
Response: 2265665
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

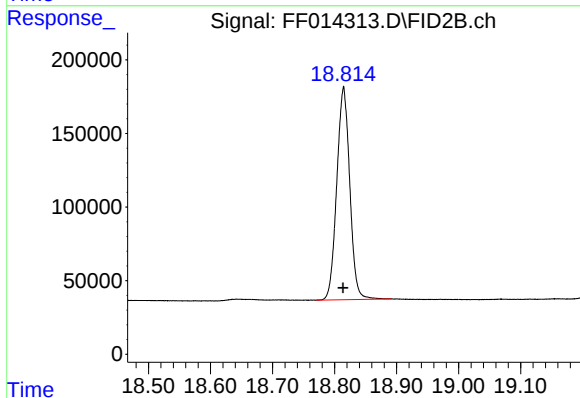
R.T.: 17.093 min
Delta R.T.: 0.000 min
Response: 2191102
Conc: 19.88 ug/ml



#17 n-Tricontane (C30)

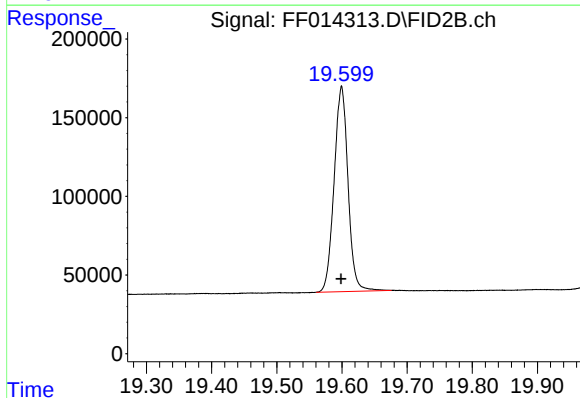
R.T.: 17.981 min
Delta R.T.: -0.001 min
Response: 2190652
Conc: 19.63 ug/ml

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20 PPM ALIPHATIC HC STD ICV



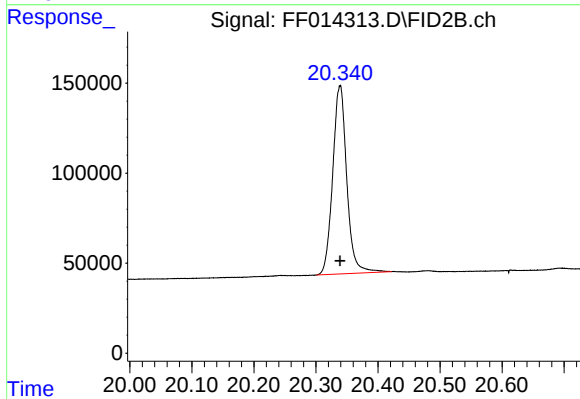
#18 n-Dotriacontane (C32)

R.T.: 18.815 min
Delta R.T.: 0.000 min
Response: 2100514
Conc: 19.14 ug/ml



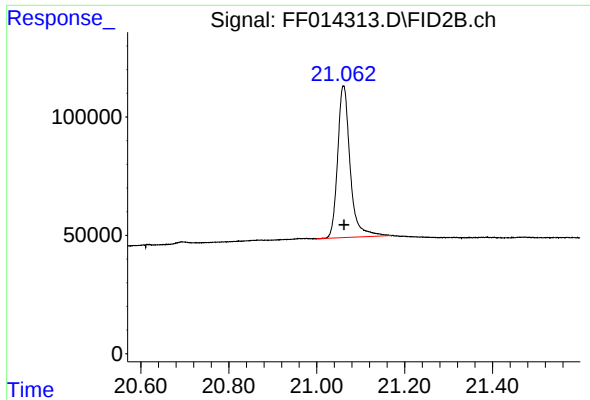
#19 n-Tetratriacontane (C34)

R.T.: 19.599 min
Delta R.T.: 0.000 min
Response: 1934404
Conc: 18.85 ug/ml



#20 n-Hexatriacontane (C36)

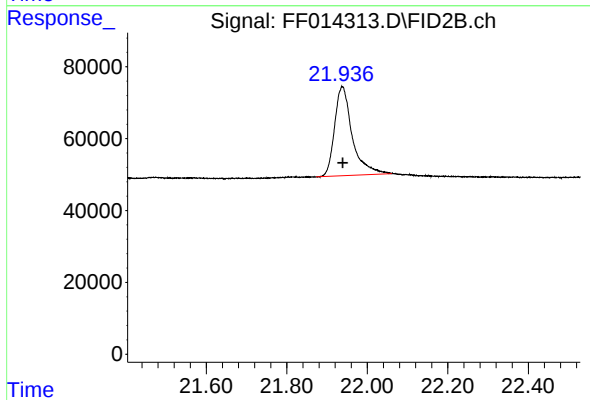
R.T.: 20.339 min
Delta R.T.: 0.000 min
Response: 1650563
Conc: 18.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.061 min
Delta R.T.: -0.001 min
Response: 1263103
Conc: 18.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: -0.002 min
Response: 756994
Conc: 16.92 ug/ml