

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012423AL\
 Data File : FE039989.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2023 10:09
 Operator : YP\AJ
 Sample : 01254-02RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 23:45:13 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)	11.908	5770393	37.576 ug/ml
Spiked Amount 50.000		Recovery =	75.15%
12) S 1-chlorooctadecane (S...	13.362	67417067	577.707 ug/ml
Spiked Amount 50.000		Recovery =	1155.41%
Target Compounds			
6) T n-Tetradecane (C14)	8.540	86159	0.670 ug/ml
7) T n-Hexadecane (C16)	10.146	149878	1.111 ug/ml
8) T n-Octadecane (C18)	11.589	135964	0.970 ug/ml
10) T n-Eicosane (C20)	12.897	119070	0.859 ug/ml
11) T n-Heneicosane (C21)	13.541	1488658	10.668 ug/ml
13) T n-Docosane (C22)	14.105	181582	1.308 ug/ml
14) T n-Tetracosane (C24)	15.188	521914	3.791 ug/ml
15) T n-Hexacosane (C26)	16.221	123122	0.923 ug/ml
16) T n-Octacosane (C28)	17.185	95054	0.730 ug/ml
17) T n-Tricontane (C30)	18.057	160233	1.256 ug/ml
18) T n-Dotriacontane (C32)	18.894	234975	1.859 ug/ml
19) T n-Tetratriacontane (C34)	19.679	120754	0.977 ug/ml
20) T n-Hexatriacontane (C36)	20.418	139344	1.182 ug/ml
21) T n-Octatriacontane (C38)	21.153	59746	0.500 ug/ml
22) T n-Tetracontane (C40)	22.058	95599	0.788 ug/ml

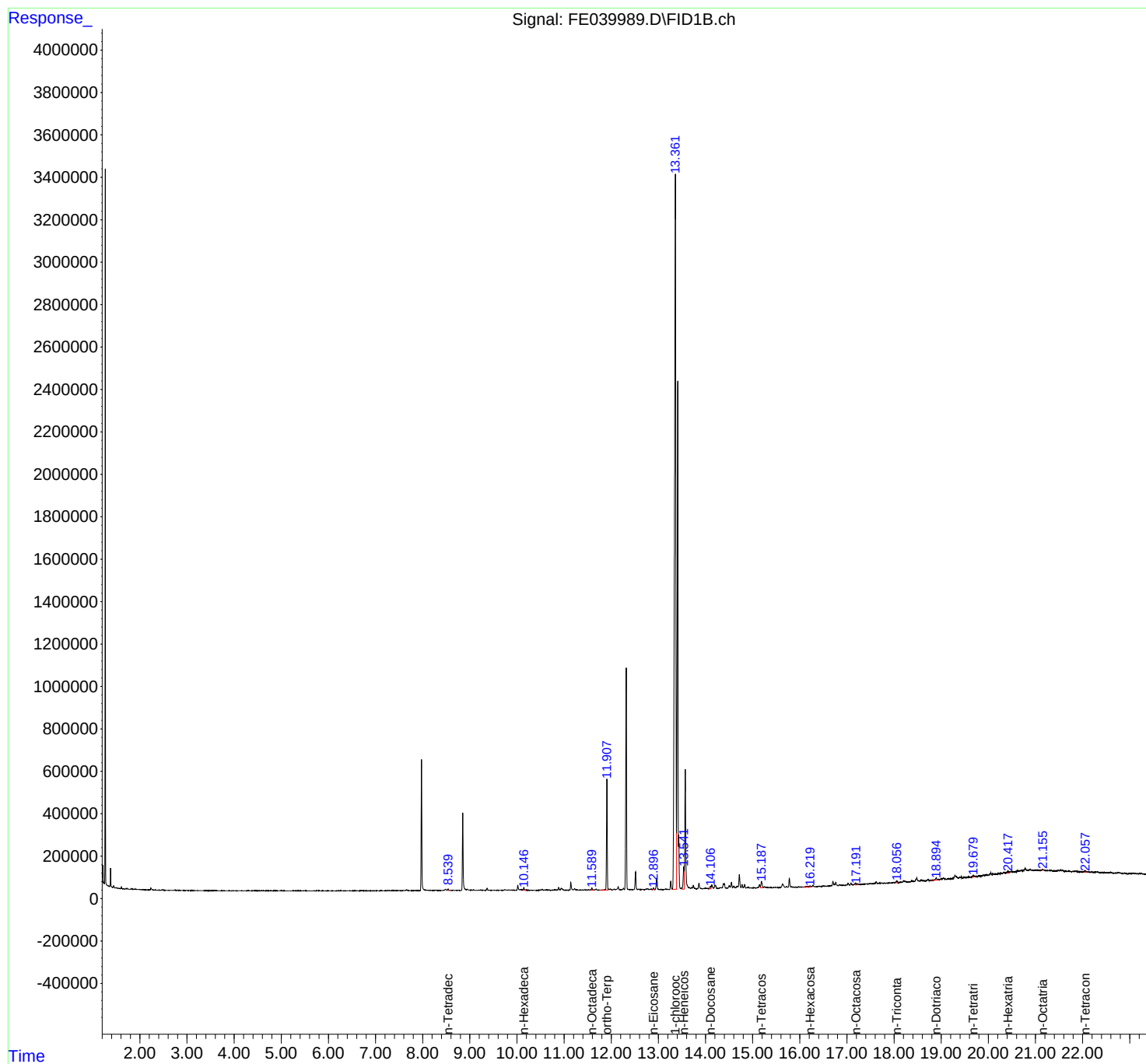
(f)=RT Delta > 1/2 Window

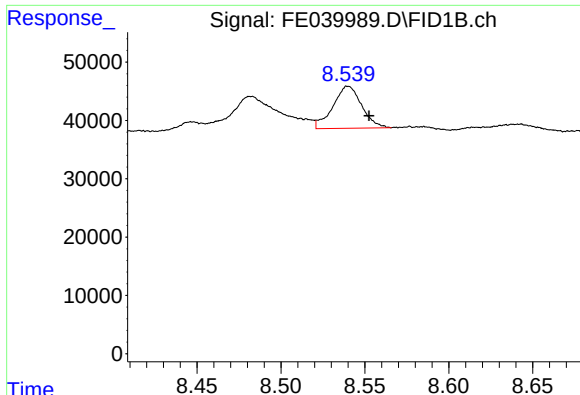
(m)=manual int.

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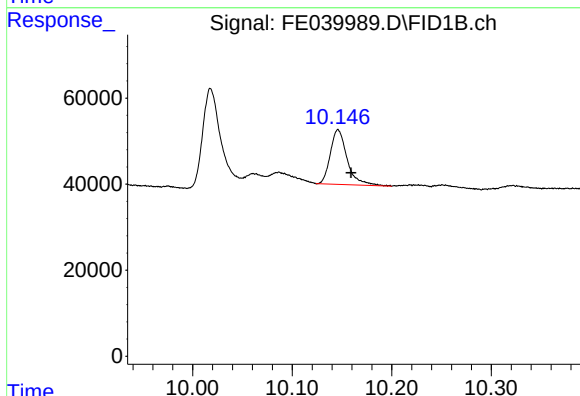
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





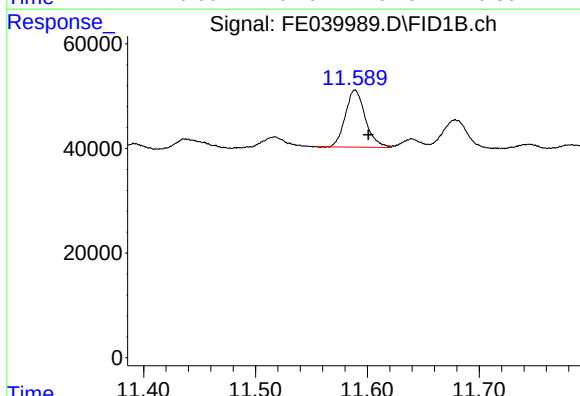
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.012 min
Response: 86159
Conc: 0.67 ug/ml



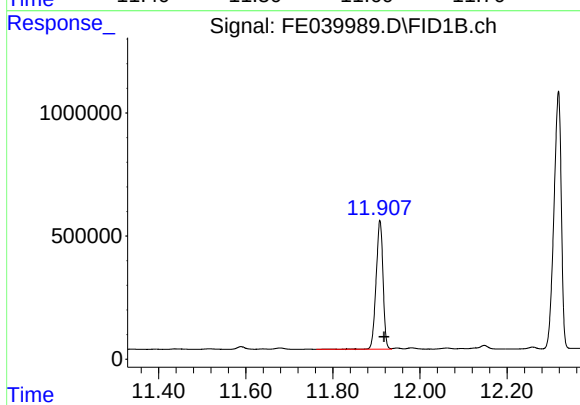
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: -0.013 min
Response: 149878
Conc: 1.11 ug/ml



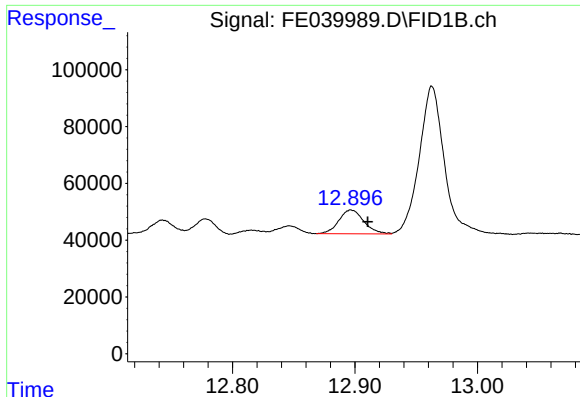
#8 n-Octadecane (C18)

R.T.: 11.589 min
Delta R.T.: -0.012 min
Response: 135964
Conc: 0.97 ug/ml



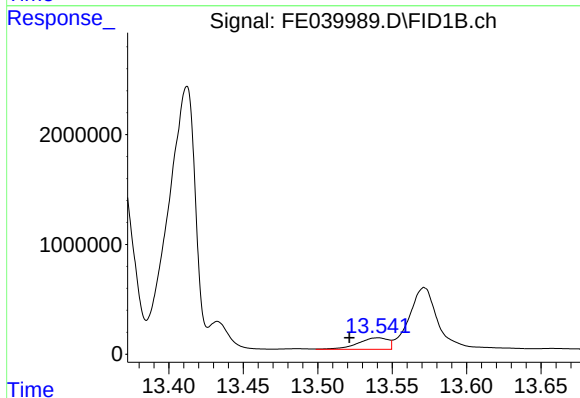
#9 ortho-Terphenyl (SURR)

R.T.: 11.908 min
Delta R.T.: -0.010 min
Response: 5770393
Conc: 37.58 ug/ml



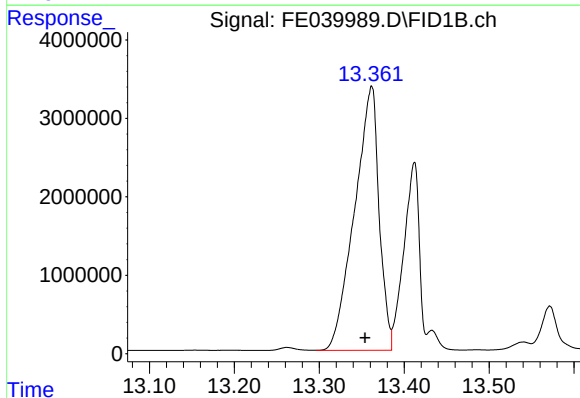
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.014 min
Response: 119070
Conc: 0.86 ug/ml



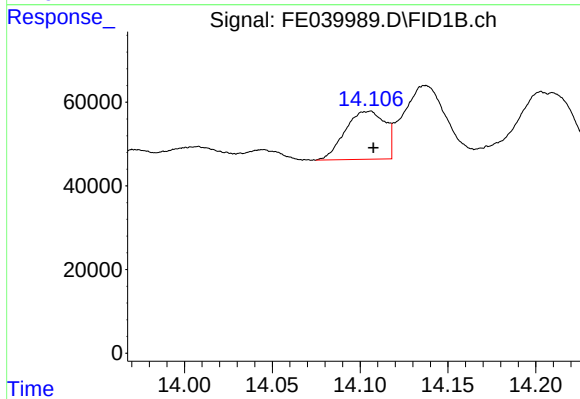
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: 0.019 min
Response: 1488658
Conc: 10.67 ug/ml



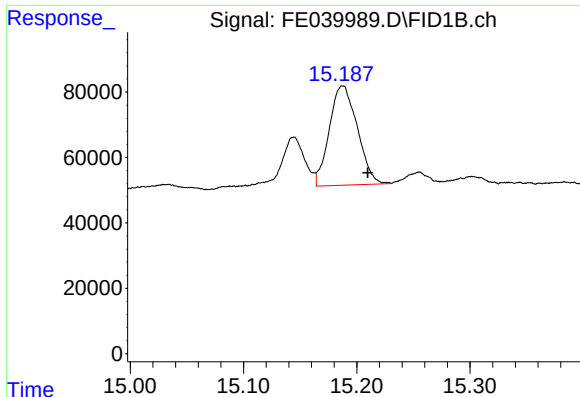
#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: 0.008 min
Response: 67417067
Conc: 577.71 ug/ml



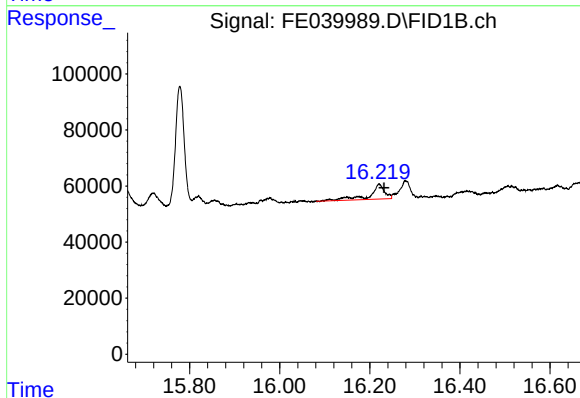
#13 n-Docosane (C22)

R.T.: 14.105 min
Delta R.T.: -0.002 min
Response: 181582
Conc: 1.31 ug/ml



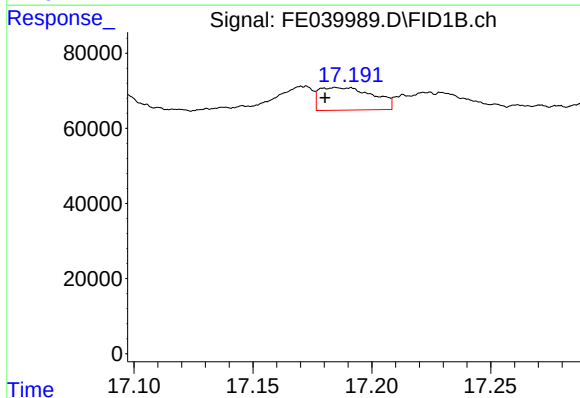
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.022 min
Response: 521914
Conc: 3.79 ug/ml



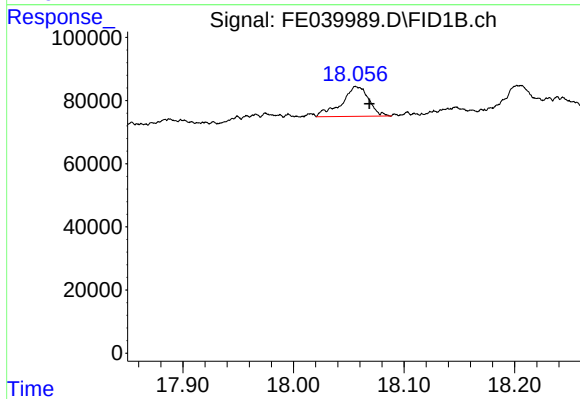
#15 n-Hexacosane (C26)

R.T.: 16.221 min
Delta R.T.: -0.011 min
Response: 123122
Conc: 0.92 ug/ml



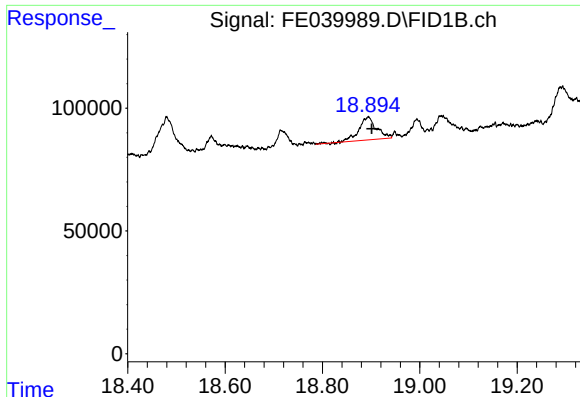
#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: 0.005 min
Response: 95054
Conc: 0.73 ug/ml



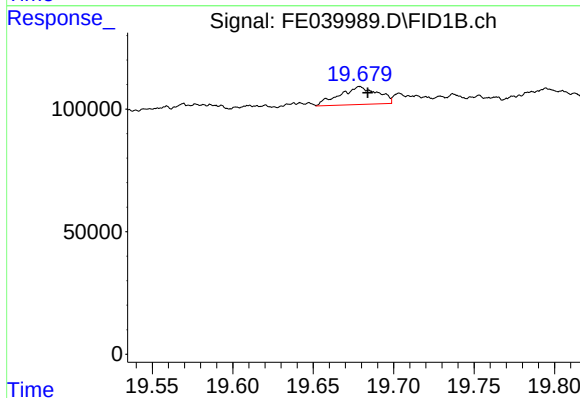
#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: -0.012 min
Response: 160233
Conc: 1.26 ug/ml



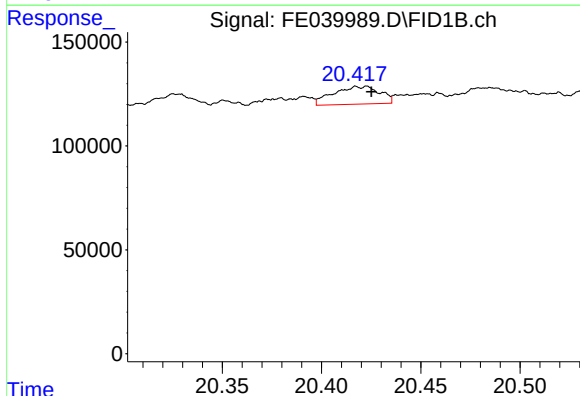
#18 n-Dotriacontane (C32)

R.T.: 18.894 min
Delta R.T.: -0.007 min
Response: 234975
Conc: 1.86 ug/ml



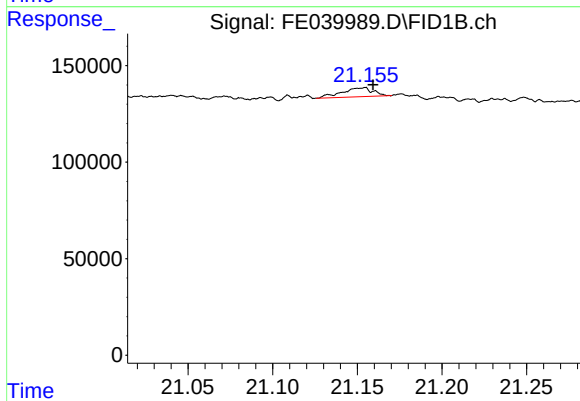
#19 n-Tetatriacontane (C34)

R.T.: 19.679 min
Delta R.T.: -0.005 min
Response: 120754
Conc: 0.98 ug/ml



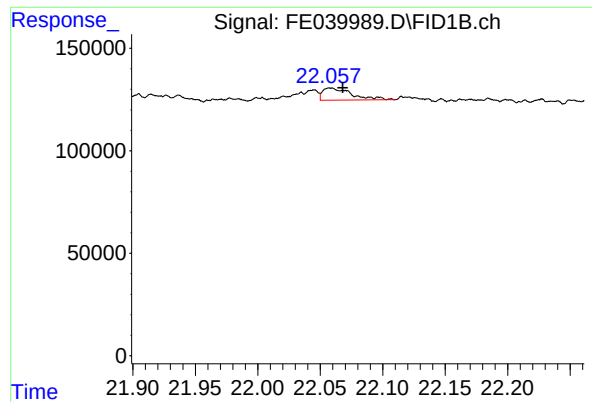
#20 n-Hexatriacontane (C36)

R.T.: 20.418 min
Delta R.T.: -0.007 min
Response: 139344
Conc: 1.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.153 min
Delta R.T.: -0.006 min
Response: 59746
Conc: 0.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.058 min
Delta R.T.: -0.010 min
Response: 95599
Conc: 0.79 ug/ml