

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032124AL\
 Data File : FE047241.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2024 10:30
 Operator : YP\AJ
 Sample : P1804-03DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 01:20:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 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)	11.979	2567907	15.564 ug/ml
Spiked Amount 50.000		Recovery =	31.13%
12) S 1-chlorooctadecane (S...	13.412	2610166	20.472 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
Target Compounds			
6) T n-Tetradecane (C14)	8.608	42828	0.281 ug/ml
7) T n-Hexadecane (C16)	10.215	53891	0.342 ug/ml
8) T n-Octadecane (C18)	11.657	64067	0.402 ug/ml
10) T n-Eicosane (C20)	12.967	76102	0.495 ug/ml
11) T n-Heneicosane (C21)	13.583	60159	0.398 ug/ml
13) T n-Docosane (C22)	14.166	54293	0.361 ug/ml
14) T n-Tetracosane (C24)	15.262	28609	0.192 ug/ml
15) T n-Hexacosane (C26)	16.287	92789	0.637 ug/ml
16) T n-Octacosane (C28)	17.233	118365	0.839 ug/ml
17) T n-Tricontane (C30)	18.121	212619	1.504 ug/ml
18) T n-Dotriacontane (C32)	18.949	134624	0.976 ug/ml
19) T n-Tetratriacontane (C34)	19.728	94313	0.722 ug/ml
20) T n-Hexatriacontane (C36)	20.470	97594	0.783 ug/ml
21) T n-Octatriacontane (C38)	21.209	566614	4.563 ug/ml
22) T n-Tetracontane (C40)	22.136	92524	0.787 ug/ml

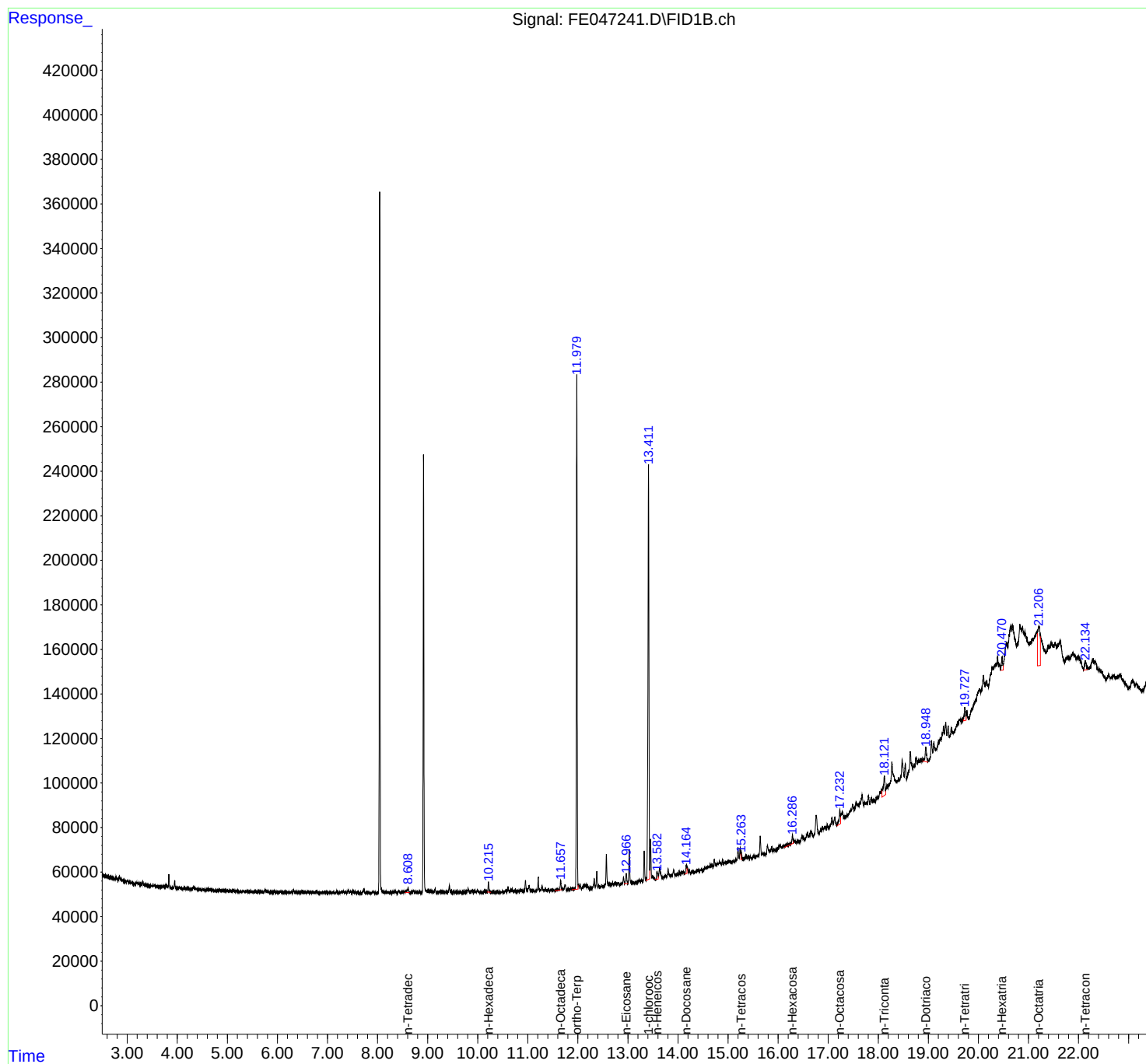
(f)=RT Delta > 1/2 Window

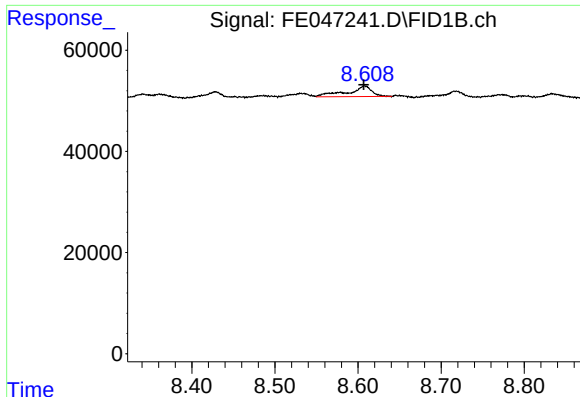
(m)=manual int.

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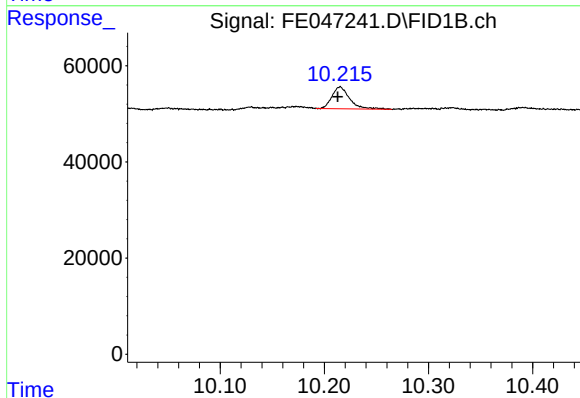
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





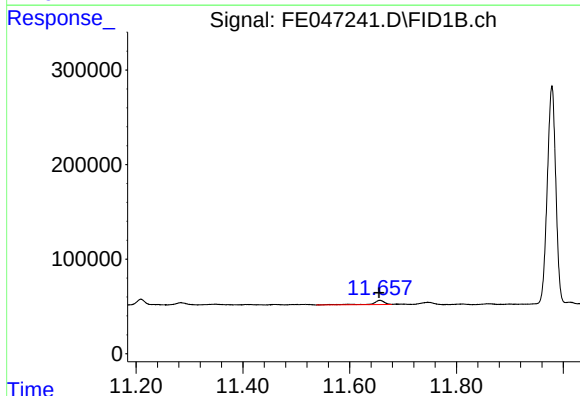
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: 0.001 min
Response: 42828
Conc: 0.28 ug/ml



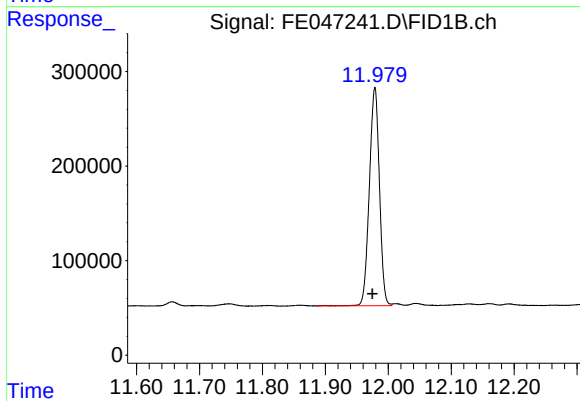
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.002 min
Response: 53891
Conc: 0.34 ug/ml



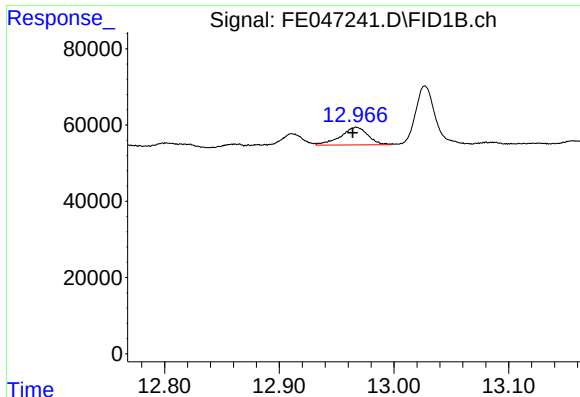
#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: 0.002 min
Response: 64067
Conc: 0.40 ug/ml



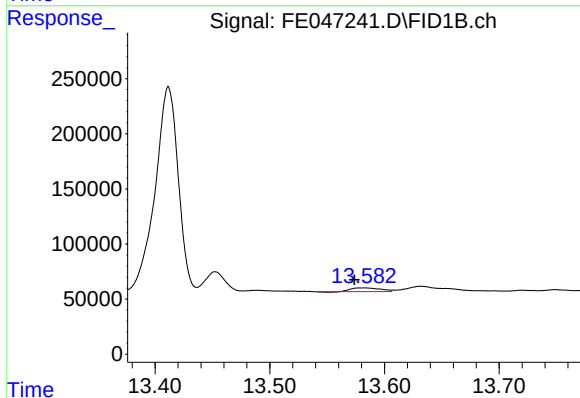
#9 ortho-Terphenyl (SURR)

R.T.: 11.979 min
Delta R.T.: 0.004 min
Response: 2567907
Conc: 15.56 ug/ml



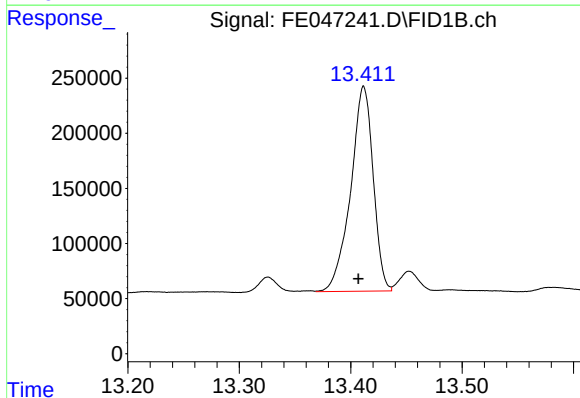
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: 0.003 min
Response: 76102
Conc: 0.50 ug/ml



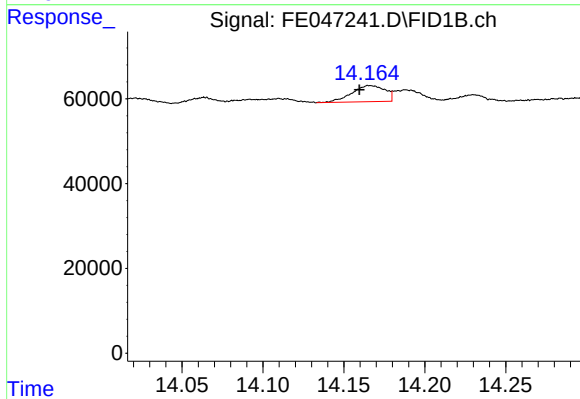
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.009 min
Response: 60159
Conc: 0.40 ug/ml



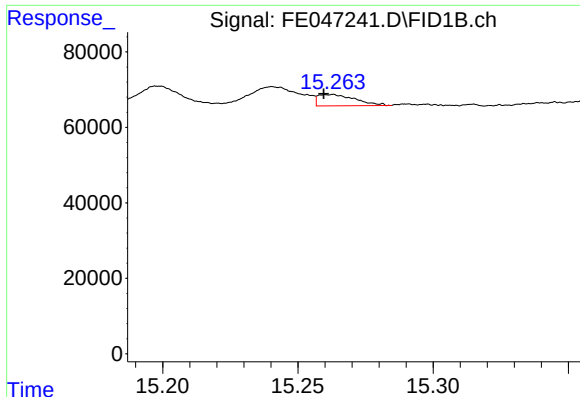
#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: 0.005 min
Response: 2610166
Conc: 20.47 ug/ml



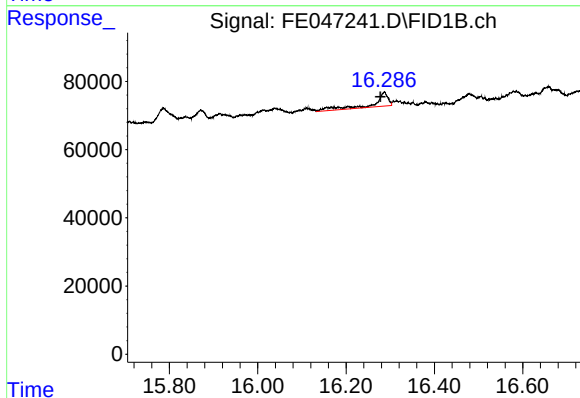
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.006 min
Response: 54293
Conc: 0.36 ug/ml



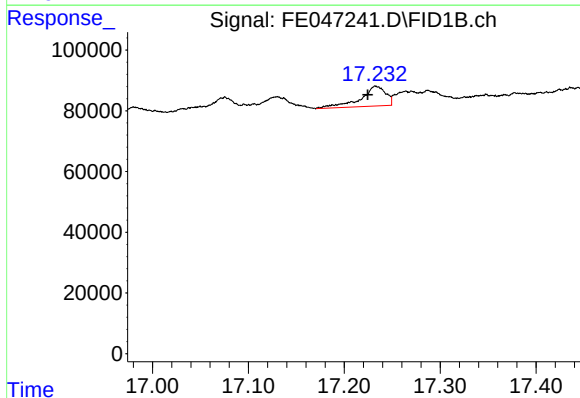
#14 n-Tetracosane (C24)

R.T.: 15.262 min
Delta R.T.: 0.002 min
Response: 28609
Conc: 0.19 ug/ml



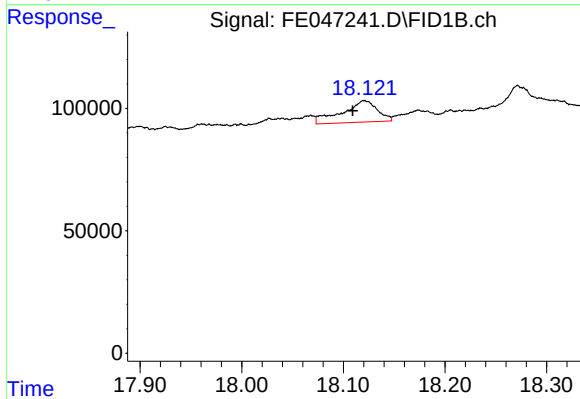
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.009 min
Response: 92789
Conc: 0.64 ug/ml



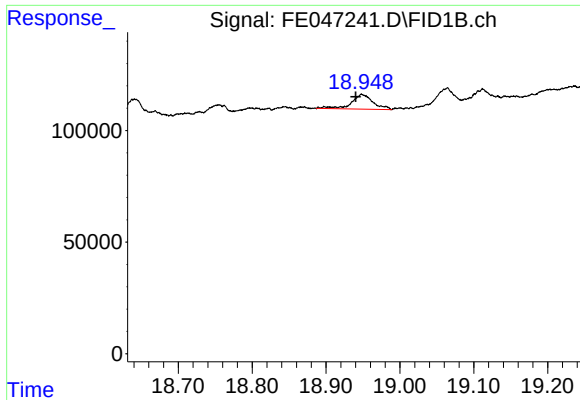
#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.008 min
Response: 118365
Conc: 0.84 ug/ml



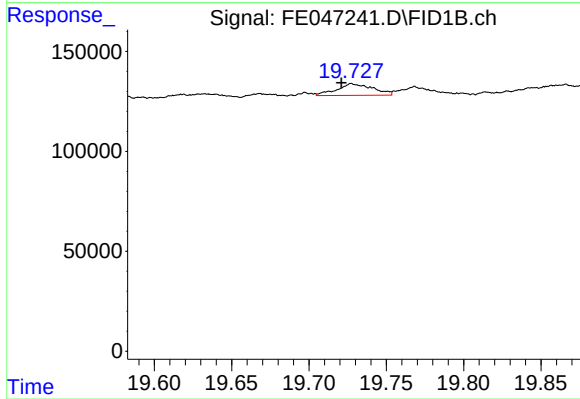
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: 0.011 min
Response: 212619
Conc: 1.50 ug/ml



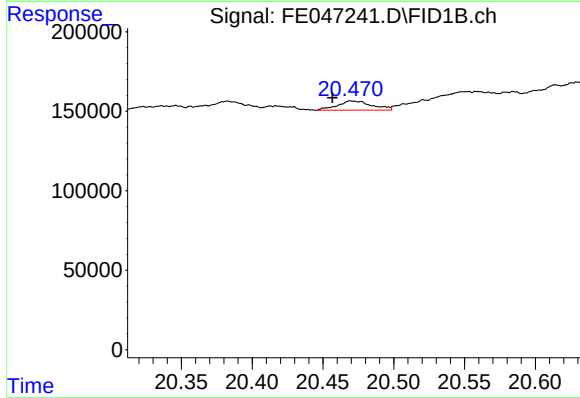
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: 0.008 min
Response: 134624
Conc: 0.98 ug/ml



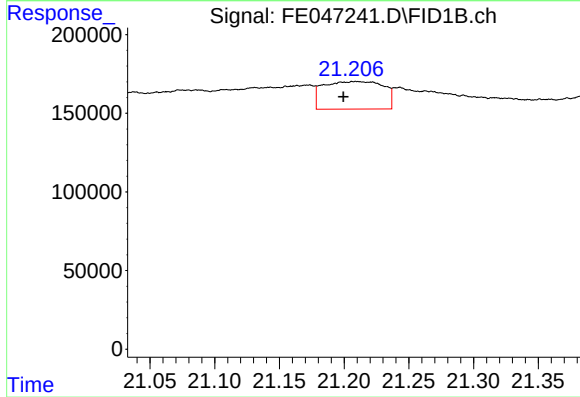
#19 n-Tetatriacontane (C34)

R.T.: 19.728 min
Delta R.T.: 0.007 min
Response: 94313
Conc: 0.72 ug/ml



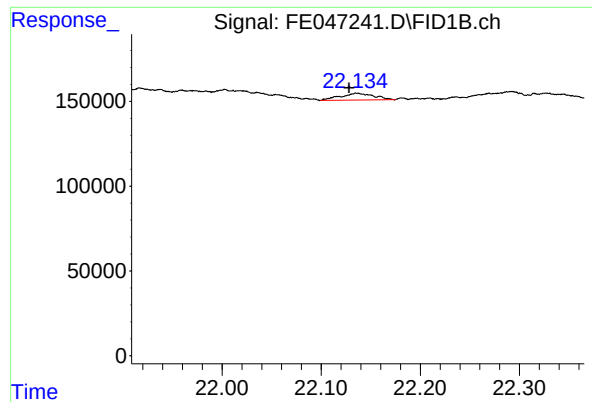
#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: 0.014 min
Response: 97594
Conc: 0.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.010 min
Response: 566614
Conc: 4.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: 0.008 min
Response: 92524
Conc: 0.79 ug/ml