

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091622AL\
 Data File : FE037630.D
 Signal(s) : FID1B.ch
 Acq On : 16 Sep 2022 18:15
 Operator : YP\AJ
 Sample : N4655-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 12:22:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.626	4859709	28.757 ug/ml
Spiked Amount 50.000		Recovery =	57.51%
12) S 1-chlorooctadecane (S...	13.068	49701858	386.186 ug/ml
Spiked Amount 50.000		Recovery =	772.37%
Target Compounds			
6) T n-Tetradecane (C14)	9.868	79235	0.500 ug/ml
7) T n-Hexadecane (C16)	9.868	79235	0.500 ug/ml
8) T n-Octadecane (C18)	11.302	74358	0.467 ug/ml
10) T n-Eicosane (C20)	12.628	91622	0.579 ug/ml
11) T n-Heneicosane (C21)	13.279	4183206	26.528 ug/ml
13) T n-Docosane (C22)	13.824	149925	0.963 ug/ml
14) T n-Tetracosane (C24)	14.897	1813130	12.055 ug/ml
15) T n-Hexacosane (C26)	15.910	75194	0.519 ug/ml
16) T n-Octacosane (C28)	16.854	332265	2.398 ug/ml
17) T n-Tricontane (C30)	17.777	20002	0.147 ug/ml
18) T n-Dotriacontane (C32)	18.590	158914	1.190 ug/ml
19) T n-Tetratriacontane (C34)	19.350	345125	2.728 ug/ml
20) T n-Hexatriacontane (C36)	20.091	232059	1.804 ug/ml
21) T n-Octatriacontane (C38)	20.785	409733	3.292 ug/ml
22) T n-Tetracontane (C40)	21.559	179612	1.393 ug/ml

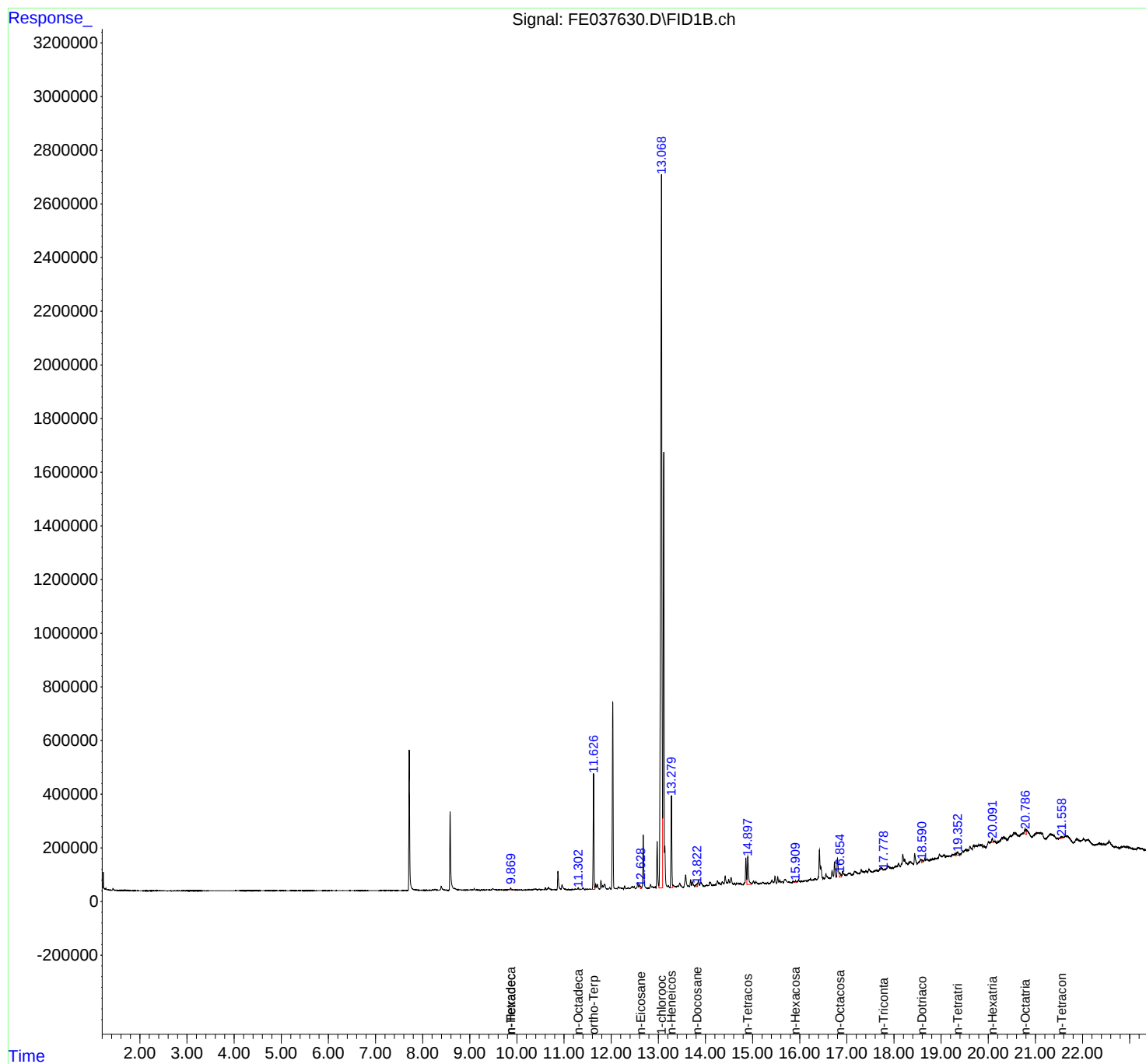
(f)=RT Delta > 1/2 Window

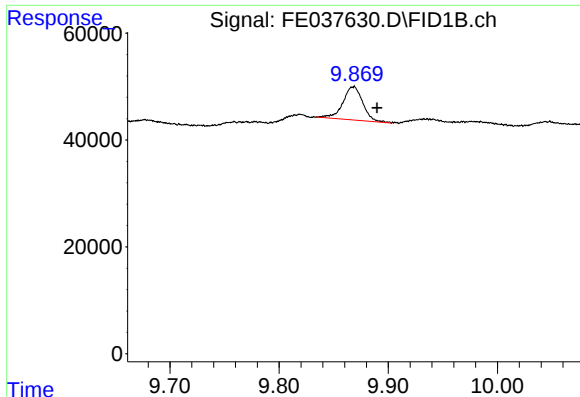
(m)=manual int.

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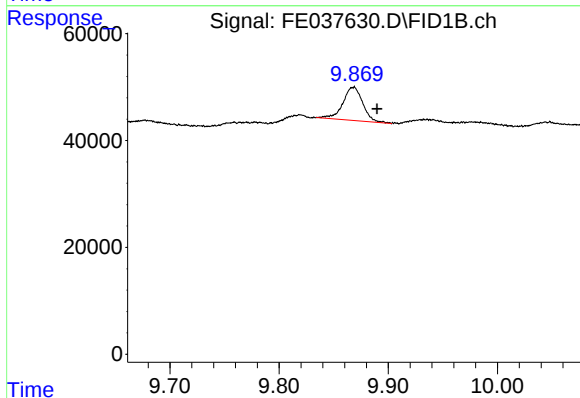
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





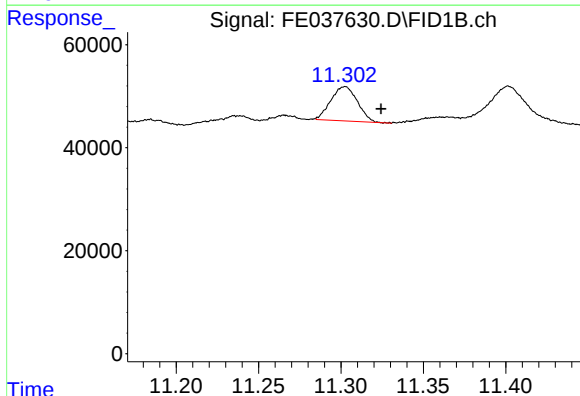
#6 n-Tetradecane (C14)

R.T.: 9.868 min
Delta R.T.: -0.021 min
Response: 79235
Conc: 0.50 ug/ml



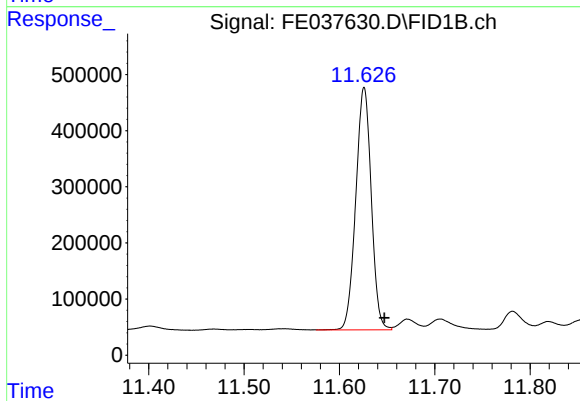
#7 n-Hexadecane (C16)

R.T.: 9.868 min
Delta R.T.: -0.021 min
Response: 79235
Conc: 0.50 ug/ml



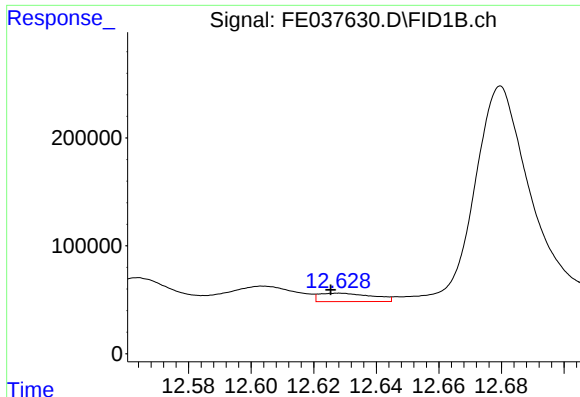
#8 n-Octadecane (C18)

R.T.: 11.302 min
Delta R.T.: -0.022 min
Response: 74358
Conc: 0.47 ug/ml



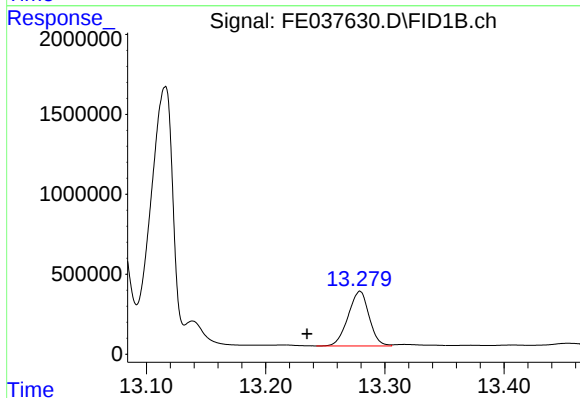
#9 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: -0.021 min
Response: 4859709
Conc: 28.76 ug/ml



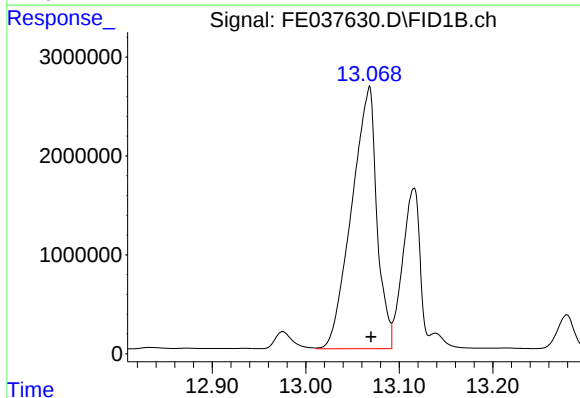
#10 n-Eicosane (C20)

R.T.: 12.628 min
Delta R.T.: 0.003 min
Response: 91622
Conc: 0.58 ug/ml



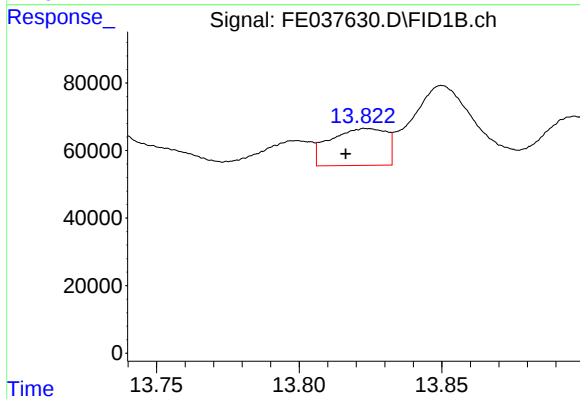
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: 0.044 min
Response: 4183206
Conc: 26.53 ug/ml



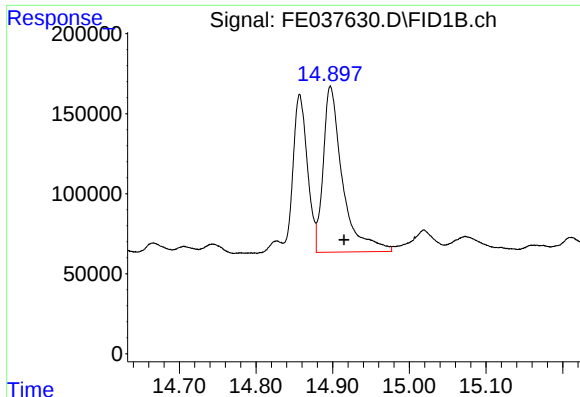
#12 1-chlorooctadecane (SURR)

R.T.: 13.068 min
Delta R.T.: -0.002 min
Response: 49701858
Conc: 386.19 ug/ml



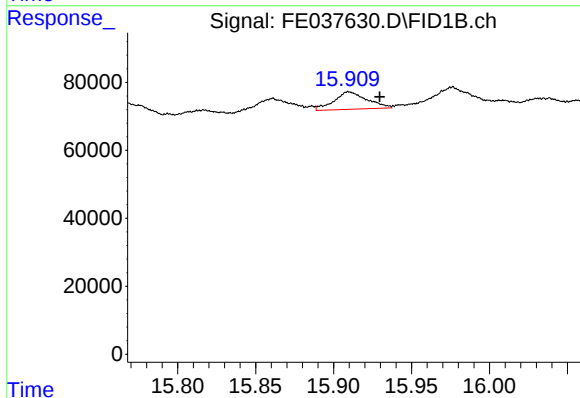
#13 n-Docosane (C22)

R.T.: 13.824 min
Delta R.T.: 0.008 min
Response: 149925
Conc: 0.96 ug/ml



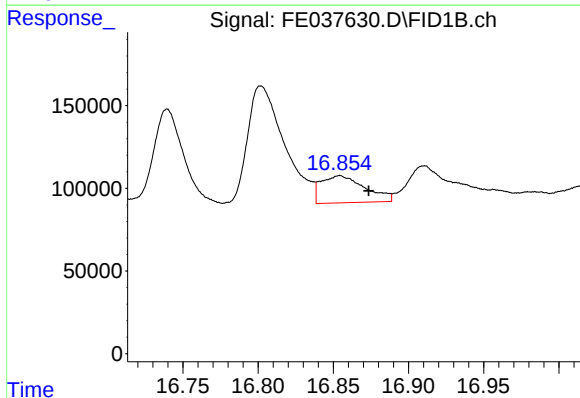
#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: -0.018 min
Response: 1813130
Conc: 12.06 ug/ml



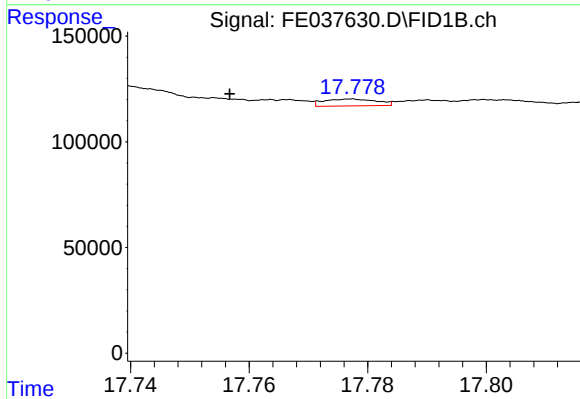
#15 n-Hexacosane (C26)

R.T.: 15.910 min
Delta R.T.: -0.020 min
Response: 75194
Conc: 0.52 ug/ml



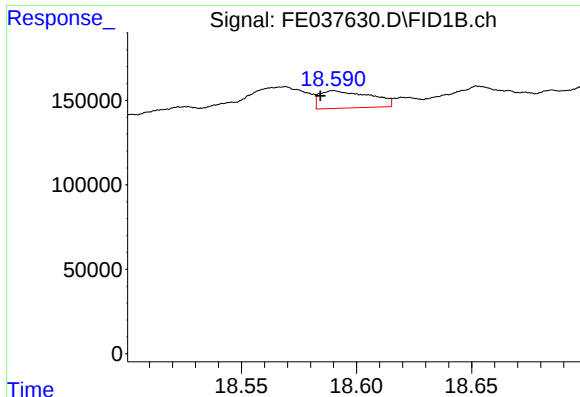
#16 n-Octacosane (C28)

R.T.: 16.854 min
Delta R.T.: -0.019 min
Response: 332265
Conc: 2.40 ug/ml



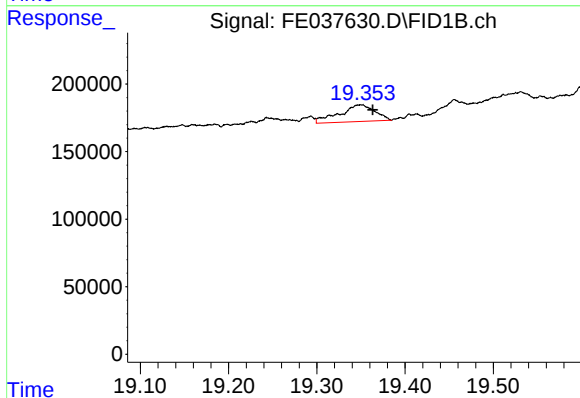
#17 n-Tricontane (C30)

R.T.: 17.777 min
Delta R.T.: 0.020 min
Response: 20002
Conc: 0.15 ug/ml



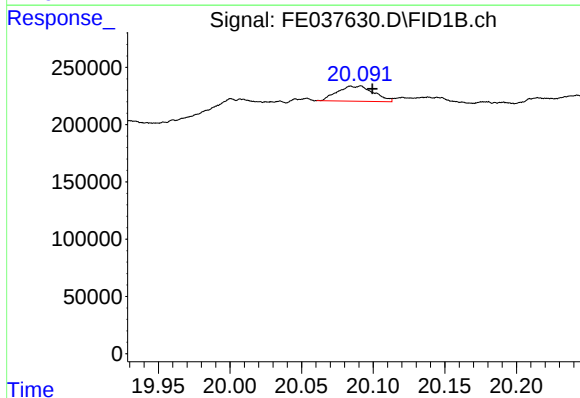
#18 n-Dotriacontane (C32)

R.T.: 18.590 min
Delta R.T.: 0.006 min
Response: 158914
Conc: 1.19 ug/ml



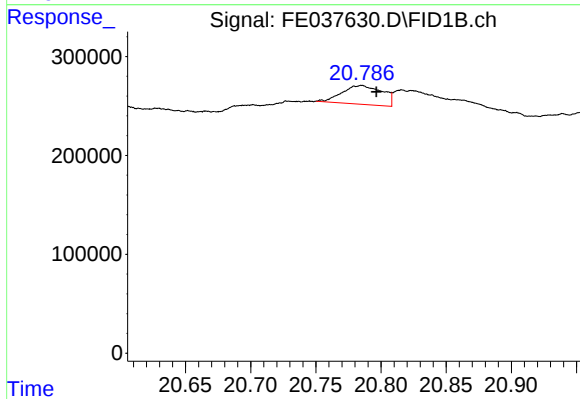
#19 n-Tetatriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.013 min
Response: 345125
Conc: 2.73 ug/ml



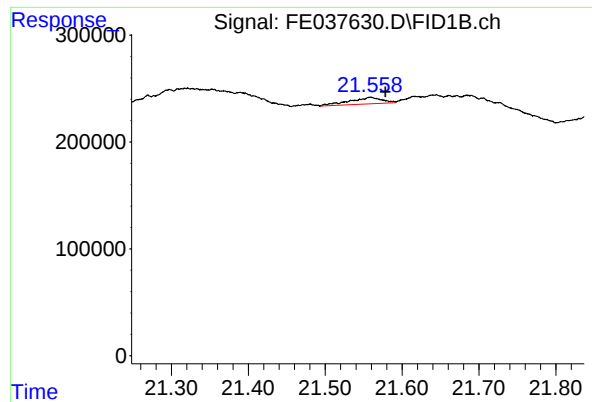
#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: -0.008 min
Response: 232059
Conc: 1.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.011 min
Response: 409733
Conc: 3.29 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 21.559 min
Delta R.T.: -0.019 min
Response: 179612
Conc: 1.39 ug/ml