

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022724AL\
 Data File : FE046951.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2024 00:47
 Operator : YP\AJ
 Sample : P1602-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 04:51:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.797	6572726	40.005 ug/ml
Spiked Amount 50.000		Recovery =	80.01%
12) S 1-chlorooctadecane (S...	13.238	5746148	46.679 ug/ml
Spiked Amount 50.000		Recovery =	93.36%
Target Compounds			
5) T A~2-methylnaphthalene...	7.257	29530	0.206 ug/ml
6) T n-Tetradecane (C14)	8.429	55871	0.362 ug/ml
7) T n-Hexadecane (C16)	10.036	17167	0.108 ug/ml
8) T n-Octadecane (C18)	11.477	51649	0.324 ug/ml
10) T n-Eicosane (C20)	12.782	370071	2.445 ug/ml
11) T n-Heneicosane (C21)	13.402	50585	0.342 ug/ml
13) T n-Docosane (C22)	14.033	594147	4.084 ug/ml
14) T n-Tetracosane (C24)	15.097	1439736	10.081 ug/ml
15) T n-Hexacosane (C26)	16.118	62248	0.445 ug/ml
16) T n-Octacosane (C28)	17.110f	1028265	7.547 ug/ml
17) T n-Tricontane (C30)	17.955	41997	0.301 ug/ml
18) T n-Dotriacontane (C32)	18.784	52564	0.382 ug/ml
19) T n-Tetratriacontane (C34)	19.575	124699	0.928 ug/ml
20) T n-Hexatriacontane (C36)	20.323	121877	0.915 ug/ml
21) T n-Octatriacontane (C38)	21.055	77411	0.562 ug/ml

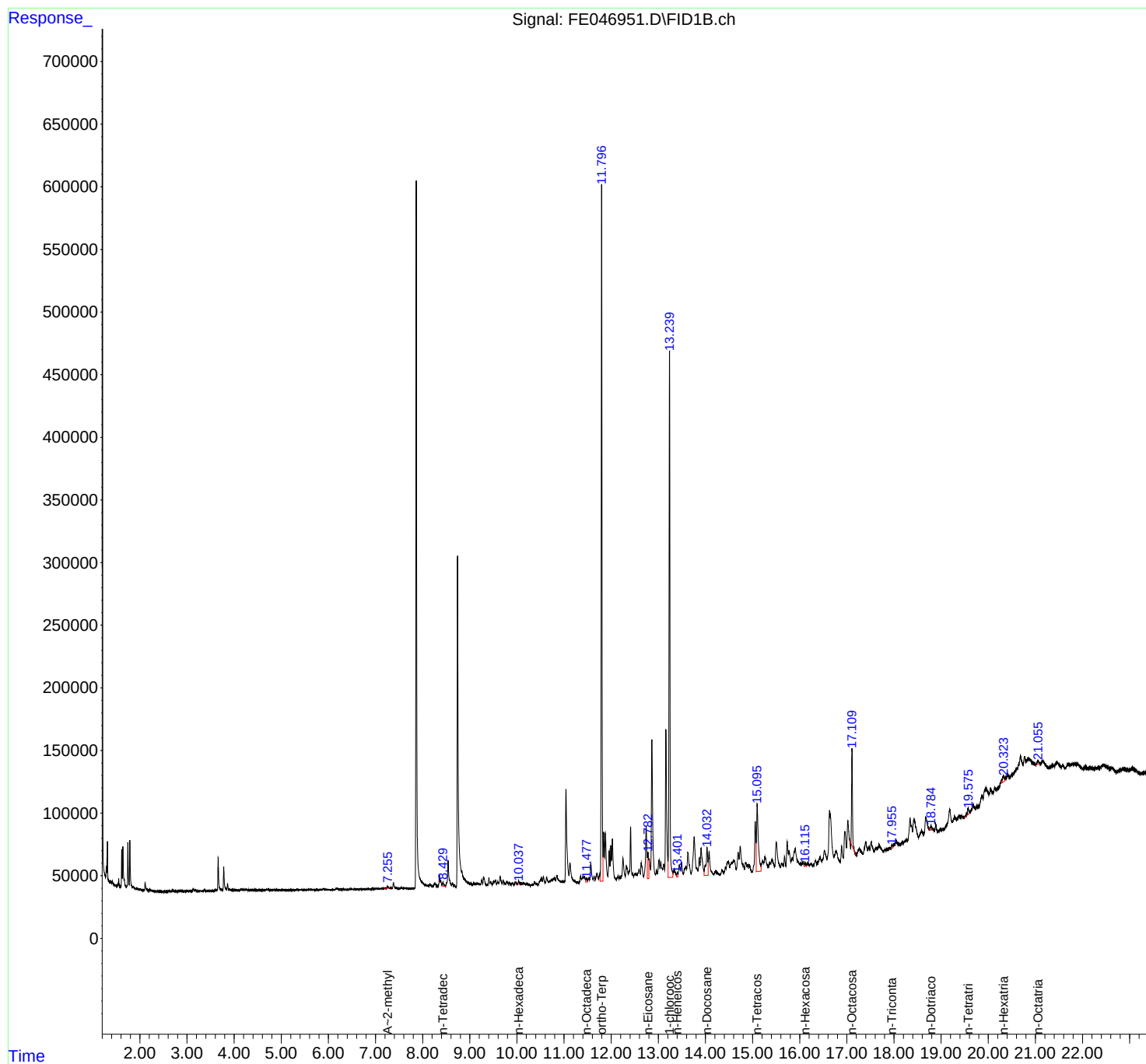
(f)=RT Delta > 1/2 Window

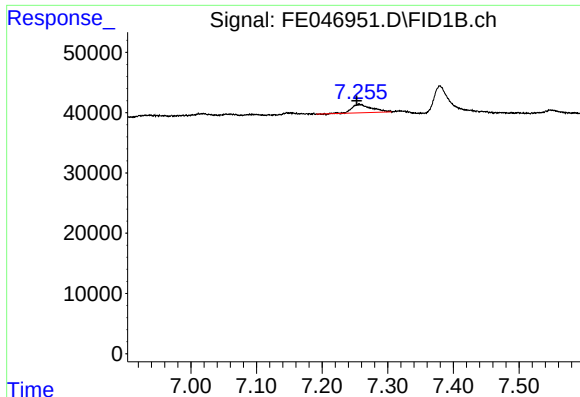
(m)=manual int.

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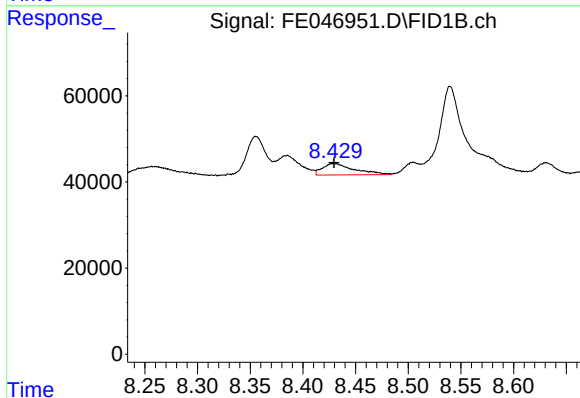
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





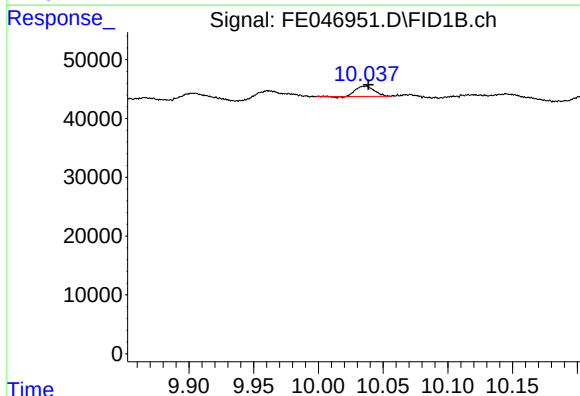
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: 0.005 min
Response: 29530
Conc: 0.21 ug/ml



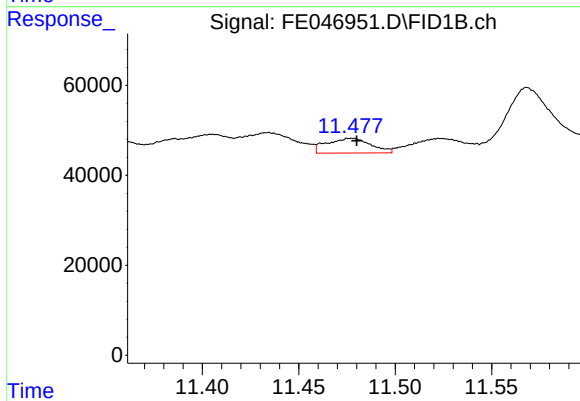
#6 n-Tetradecane (C14)

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 55871
Conc: 0.36 ug/ml



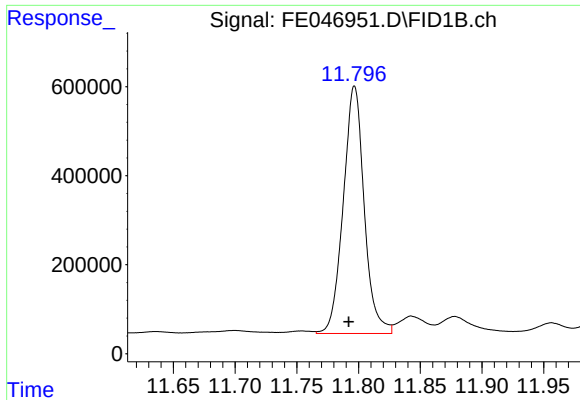
#7 n-Hexadecane (C16)

R.T.: 10.036 min
Delta R.T.: -0.002 min
Response: 17167
Conc: 0.11 ug/ml



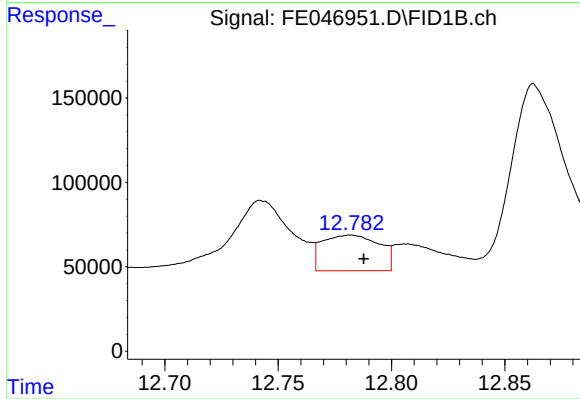
#8 n-Octadecane (C18)

R.T.: 11.477 min
Delta R.T.: -0.003 min
Response: 51649
Conc: 0.32 ug/ml



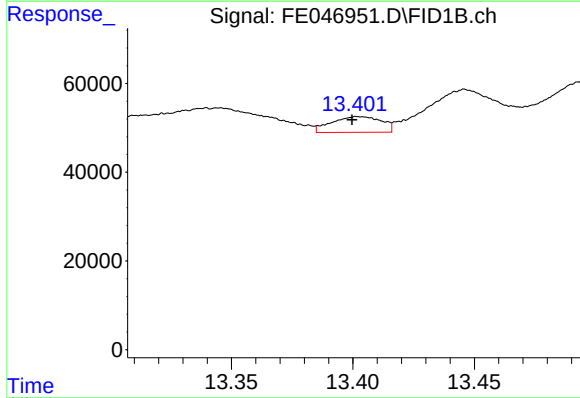
#9 ortho-Terphenyl (SURR)

R.T.: 11.797 min
Delta R.T.: 0.005 min
Response: 6572726
Conc: 40.00 ug/ml



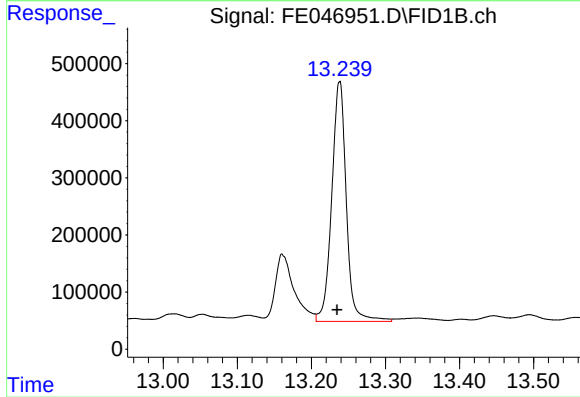
#10 n-Eicosane (C20)

R.T.: 12.782 min
Delta R.T.: -0.005 min
Response: 370071
Conc: 2.44 ug/ml



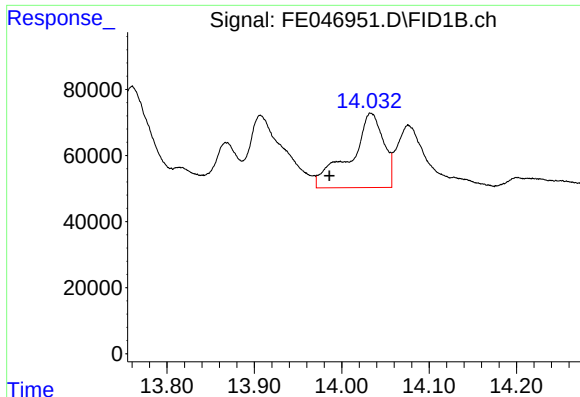
#11 n-Heneicosane (C21)

R.T.: 13.402 min
Delta R.T.: 0.003 min
Response: 50585
Conc: 0.34 ug/ml



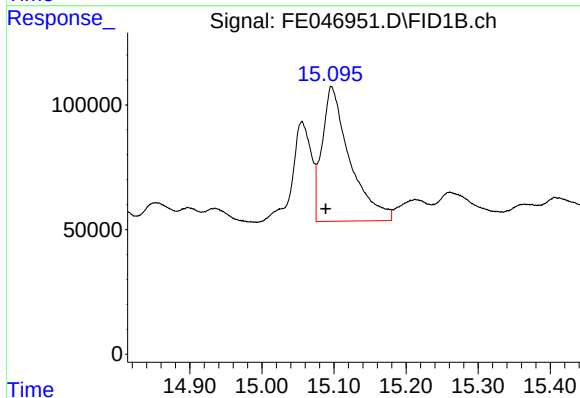
#12 1-chlorooctadecane (SURR)

R.T.: 13.238 min
Delta R.T.: 0.003 min
Response: 5746148
Conc: 46.68 ug/ml



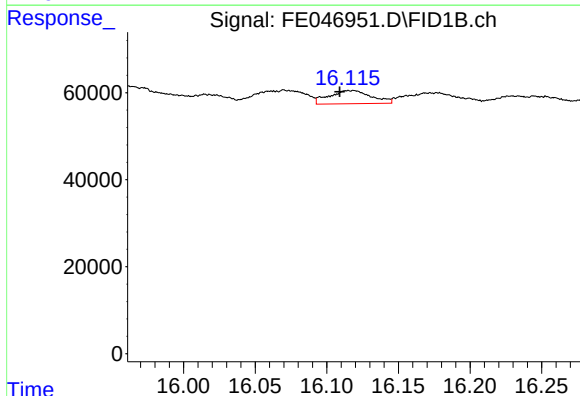
#13 n-Docosane (C22)

R.T.: 14.033 min
Delta R.T.: 0.047 min
Response: 594147
Conc: 4.08 ug/ml



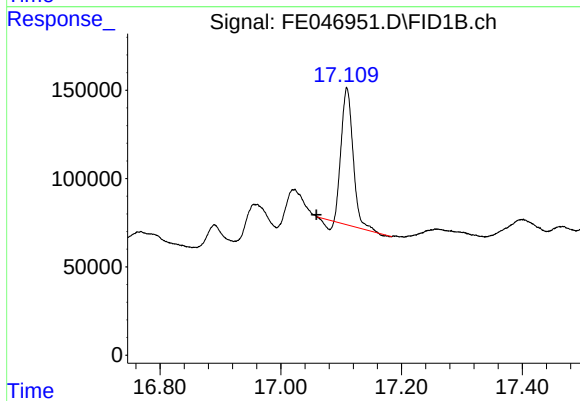
#14 n-Tetracosane (C24)

R.T.: 15.097 min
Delta R.T.: 0.008 min
Response: 1439736
Conc: 10.08 ug/ml



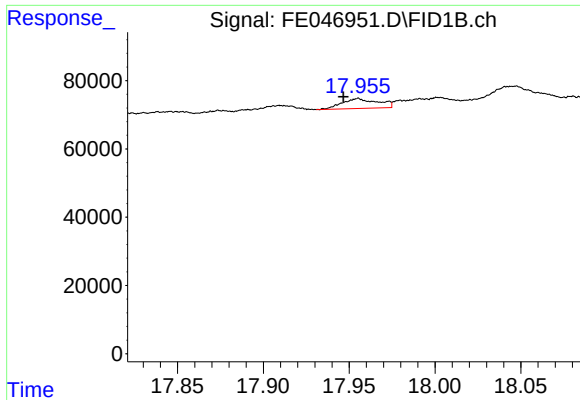
#15 n-Hexacosane (C26)

R.T.: 16.118 min
Delta R.T.: 0.009 min
Response: 62248
Conc: 0.45 ug/ml



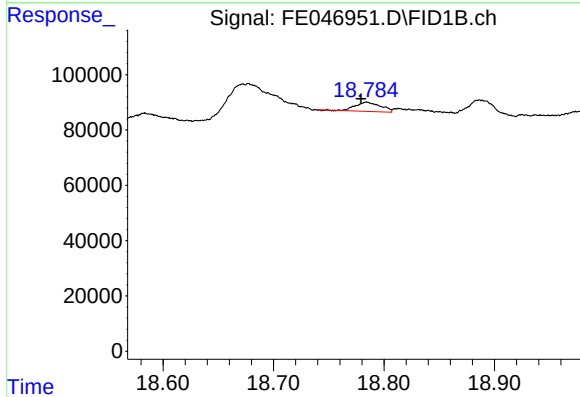
#16 n-Octacosane (C28)

R.T.: 17.110 min
Delta R.T.: 0.050 min
Response: 1028265
Conc: 7.55 ug/ml



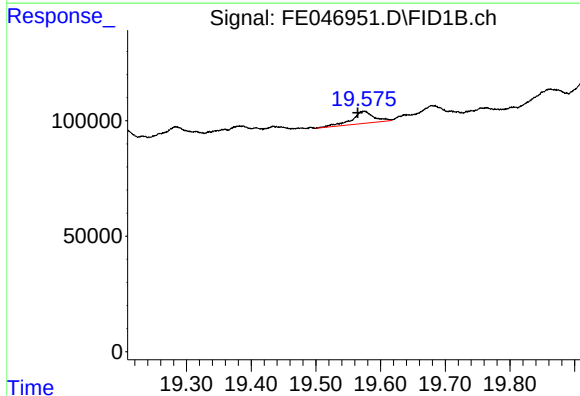
#17 n-Tricontane (C30)

R.T.: 17.955 min
Delta R.T.: 0.008 min
Response: 41997
Conc: 0.30 ug/ml



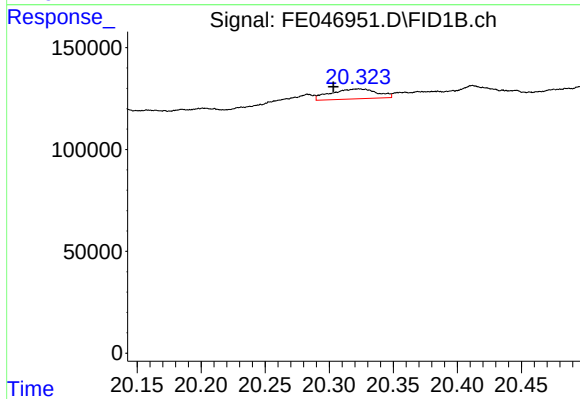
#18 n-Dotriacontane (C32)

R.T.: 18.784 min
Delta R.T.: 0.005 min
Response: 52564
Conc: 0.38 ug/ml



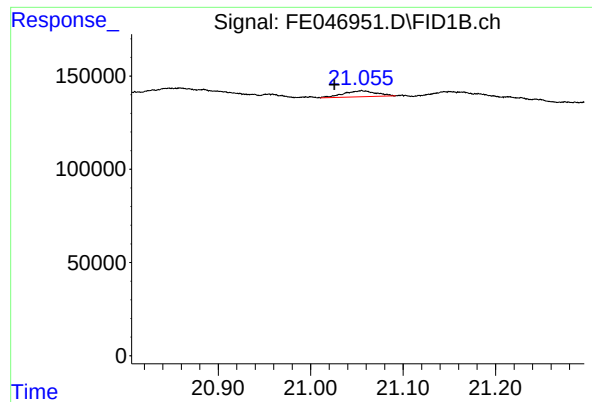
#19 n-Tetratriacontane (C34)

R.T.: 19.575 min
Delta R.T.: 0.010 min
Response: 124699
Conc: 0.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.323 min
Delta R.T.: 0.020 min
Response: 121877
Conc: 0.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.055 min
Delta R.T.: 0.029 min
Response: 77411
Conc: 0.56 ug/ml