# Waters™

Application Note

# Fluoxetine - pH 2.5, LC-MS

Waters Corporation



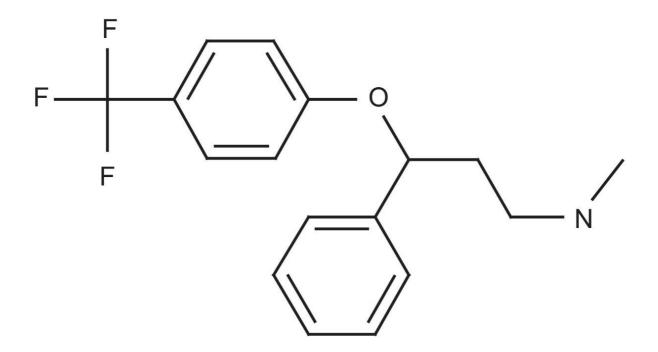
This is an Application Brief and does not contain a detailed Experimental section.

### Abstract

This application brief highlights the analysis of fluoxetine using XTerra MS  $C_{18}$  Columns.

# Introduction

The compound analyzed in this study is fluoxetine.



# Fluoxetine

# Experimental

#### Conditions

Column: XTerra MS  $C_{18}$  2.1 x 30 mm, 3.5  $\mu m$ 

Part number: 186000398

Mobile phase A:	0.1% HCOOH in H <sub>2</sub> O
Mobile phase B:	0.1% HCOOH in ACN
Flow rate:	0.2 mL/min to MS
Isocratic mobile phase composition:	75%A; 25%B
Injection volume:	20 μL of 100 pg/μL
Temperature:	Ambient
Detection:	MS ESI+, SIR 485.4
Instrument:	Alliance 2795 HT, Micromass ZQ
MS Conditions	
Micromass ZQ	ESI+
Capillary (KV):	3.0
Cone (V):	45
Extractor:	3.0
RF lens:	0.5
Source temp.:	150
Desolvation temp.:	350
Cone gas flow (L/Hr):	60
Desolvation gas flow (L/Hr):	500

LM resolution: 15

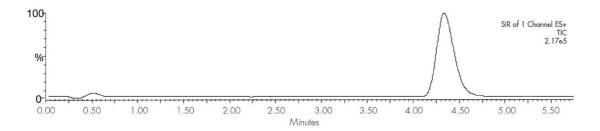
HM resolution: 15

lon energy: 1.0

Multiplier (V): 650

## Results and Discussion

Micromass ZQ



ESI+

## Featured Products

Alliance HPLC System <a href="https://www.waters.com/534293">https://www.waters.com/534293</a>

WA20738.053, June 2002

© 2021 Waters Corporation. All Rights Reserved.