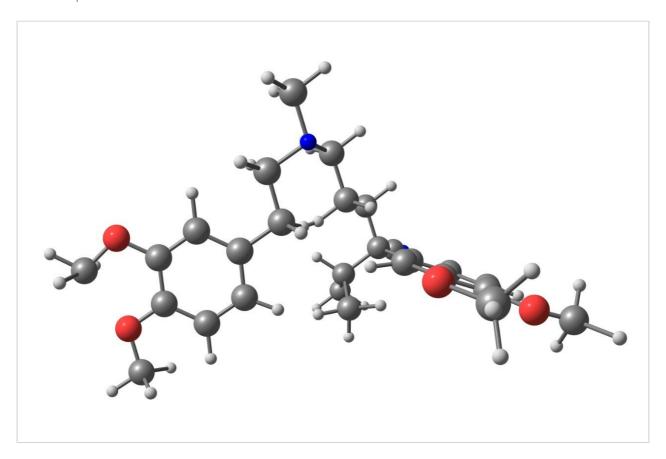
# Waters™

Application Note

# Verapamil in Plasma - LC/UV

Waters Corporation



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

### Abstract

This application brief highlights the analysis of verapamil in plasma using XTerra Phenyl columns

## Introduction

Compounds used in this application brief are:

- 1. Verapamil
- 2. Methoxyverapamil (ISTD)
- 3. Norverapamil

# Experimental

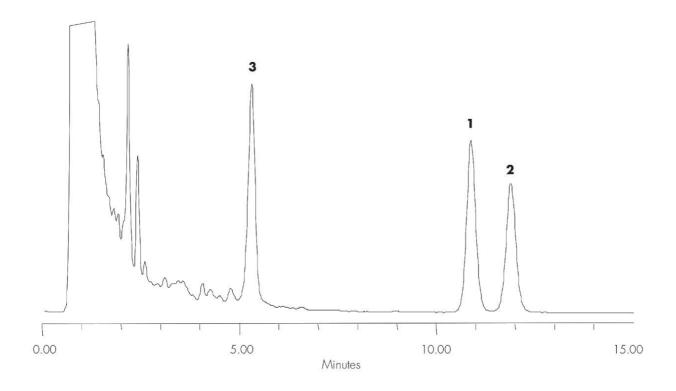
#### **HPLC** Method

Column:

	186001139)
Mobile phase A:	H <sub>2</sub> O
Mobile phase B:	ACN
Mobile phase C:	100 mM $NH_4HCO_3$ in $H_2O$ , pH 9.0
Flow rate:	1.4 mL/min
Isocratic mobile phase composition:	53% A; 37% B; 10% C
Injection volume:	20 µL
Temperature:	30 °C
Detection:	UV @ 230 nm
Instrument:	Alliance 2695, 2996 PDA

XTerra Phenyl, 4.6 x 100 mm, 3.5  $\mu$ m (p/n:

## Results and Discussion



## Featured Products

Alliance HPLC <a href="https://www.waters.com/514248">https://www.waters.com/514248</a>

WA20738.114, June 2002

© 2021 Waters Corporation. All Rights Reserved.