# Waters™

Nota de aplicación

# Profens (Gradient) - 4.6 x 20 mm Intelligent Speed Separation

Waters Corporation



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

Abstract

This application brief highlights the Intelligent Speed separation of profens using Symmetry and SymmetryShield columns.

## Introduction

Compounds used in this application brief are:

- 1. Ketoprofen
- 2. Fenoprofen
- 3. Flurbiprofen
- 4. Ibuprofen

## 1. Ketoprofen

## 2. Fenoprofen

## 3. Flurbiprofen

## 4. Ibuprofen

#### **HPLC Method**

Column: Symmetry  $C_{18}$ , 4.6 x 20 mm, 3.5  $\mu m$  IS (p/n:

186002090)

SymmetryShield RP  $_{18},\,4.6$  x 20 mm, 3.5  $\mu m$  IS

(p/n: 186002092)

Mobile phase A: 0.1% HCOOH in Water

Mobile phase B: 0.1% HCOOH in CAN

Flow rate: 3.0 mL/min

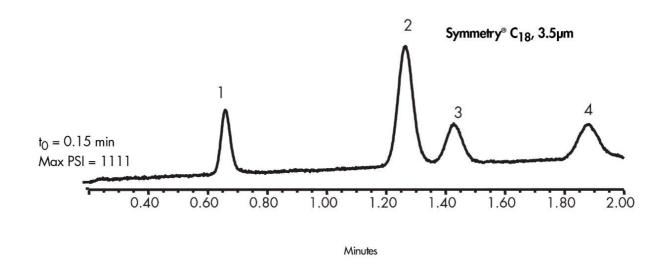
Injection volume: 10  $\mu$ L

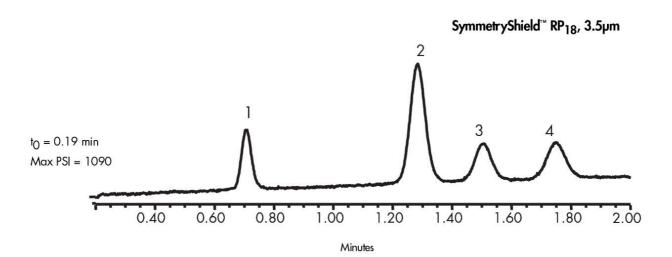
Detection: UV @ 220 nm

#### Gradient

Time (min)	Profile	
	%A	%B
0	65	35
2	60	40

#### Results and Discussion





#### **Featured Products**

WA31763.131, June 2003

© 2021 Waters Corporation. All Rights Reserved.