

Profens (Isocratic) - 4.6 x 20 mm Intelligent Speed Separation

Waters Corporation



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

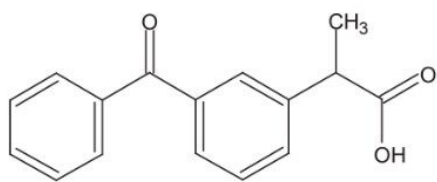
Abstract

This application brief highlights the separation of profens using Symmetry Intelligent Speed Columns.

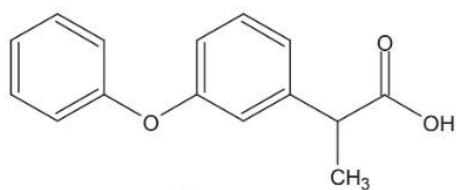
Introduction

Compounds used in this application brief are:

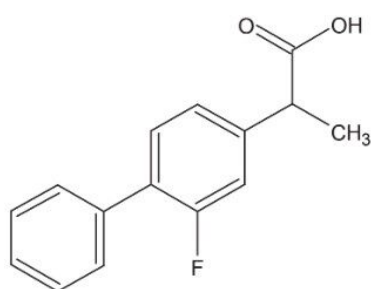
1. Ketoprofen
2. Fenoprofen
3. Flurbiprofen
4. Ibuprofen



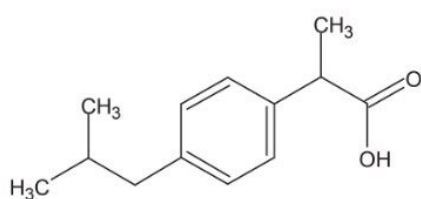
1. Ketoprofen



2. Fenoprofen



3. Flurbiprofen



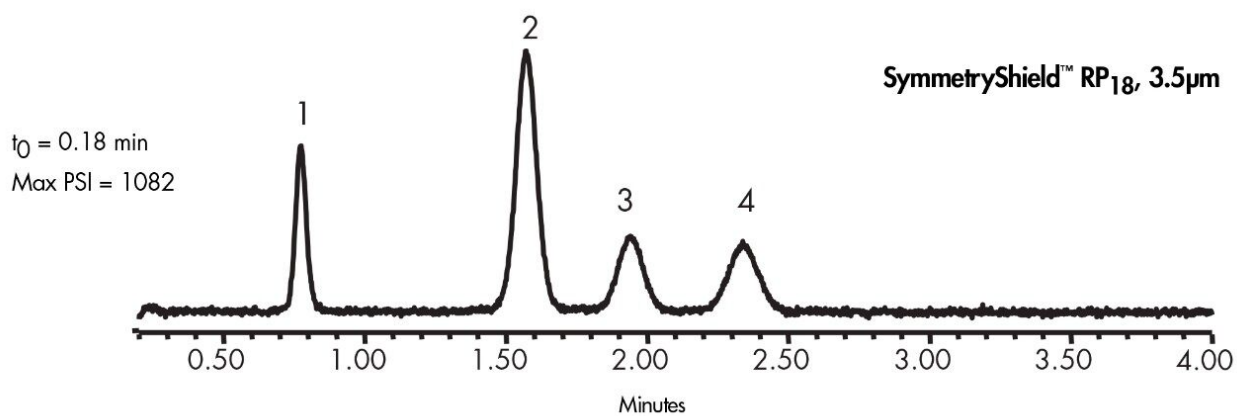
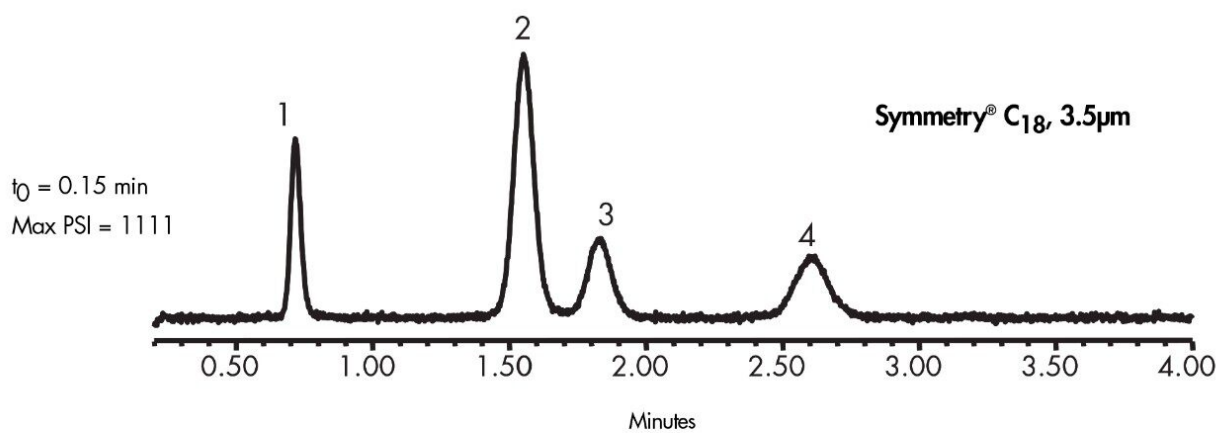
4. Ibuprofen

Experimental

HPLC Method

Column:	Symmetry C ₁₈ , 4.6 x 20 mm, 3.5 µm IS (p/n: 186002090)
Guard Column:	SymmetryShield RP ₁₈ , 4.6 x 20 mm, 3.5 µm IS (p/n: 186002092)
Mobile phase A:	0.1% HCOOH in Water
Mobile phase B:	0.1% HCOOH in ACN
Isocratic:	65% A, 35% B
Flow rate:	3.0 mL/min
Injection volume:	10 µL
Temperature:	30° C
Detection:	UV @ 220 nm

Results and Discussion



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WA31763.132, June 2003

