

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.

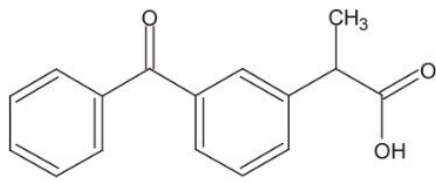
Abstract

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

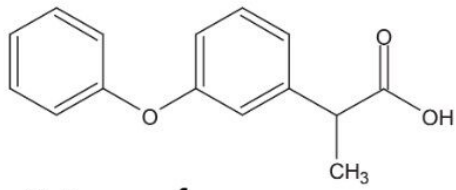
Introduction

Compounds used in this application brief are:

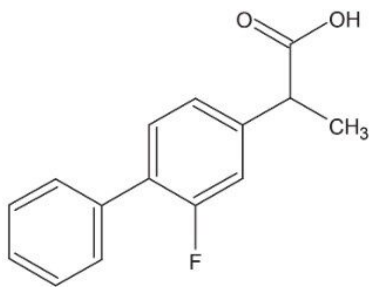
1. Ketoprofen
2. Fenoprofen
3. Flurbiprofen
4. Ibuprofen



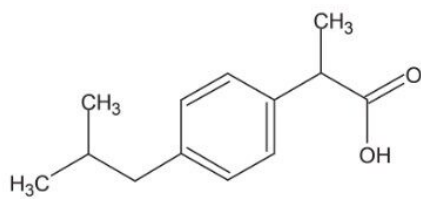
1. Ketoprofen



2. Fenoprofen



3. Flurbiprofen



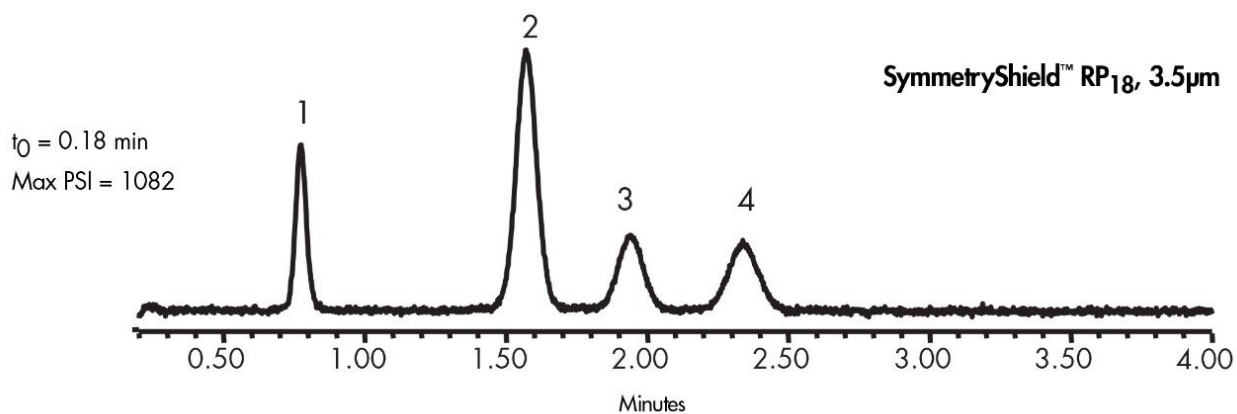
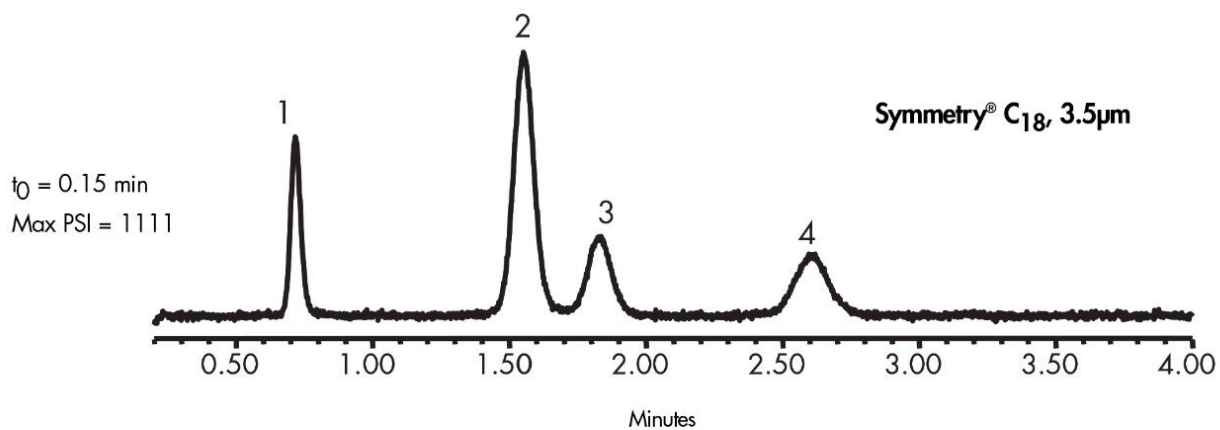
4. Ibuprofen

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

