

## Naproxen – SymmetryShield RP18

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Waters Corporation



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

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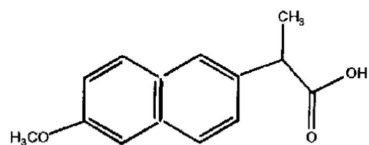
### Abstract

This application brief highlights the analysis of naproxen using SymmetryShield RP<sub>18</sub>.

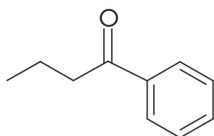
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## Introduction

Compounds used in this application brief are Naproxen and Butyrophenone.



### 1. Naproxen



### 2. Butyrophenone

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## Experimental

### HPLC Method

Column:	SymmetryShield RP <sub>18</sub> , 4.6 x 250 mm, 5 μm (p/n: 186000112)
Mobile phase:	Acetonitrile/water 46:54, 2.0 mL of glacial acetic acid in 1 L of mobile phase
Flow rate:	1.0 mL/min
Injection volume:	20 μL
Detection:	UV @ 254 nm

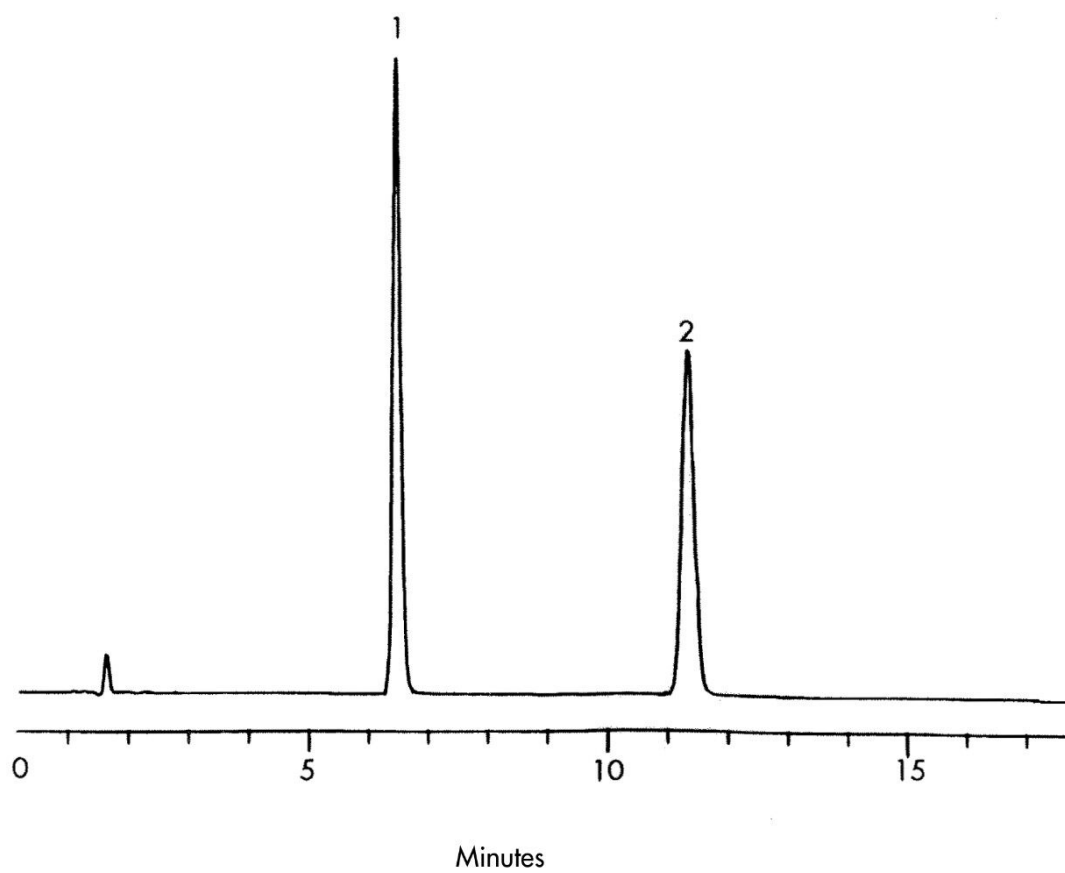
USP tailing factors:

1. 1.09

2. 1.13

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## Results and Discussion



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## Featured Products

Alliance HPLC <<https://www.waters.com/514248>>

WA31763.111, June 2003

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