

Antipyrine and Its Metabolite

Waters Corporation

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

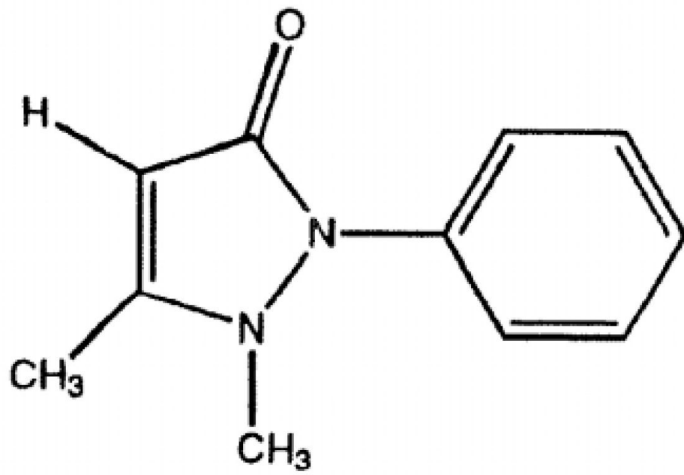
Abstract

This application brief details on the analysis of antipyrine and its metabolites using Symmetry Columns.

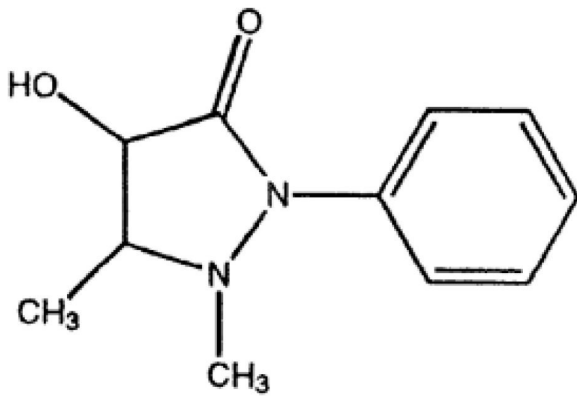
Introduction

The compounds analyzed in this study are:

1. Antipyrine
2. 4-Hydroxyantipyrine



1. Antipyrine



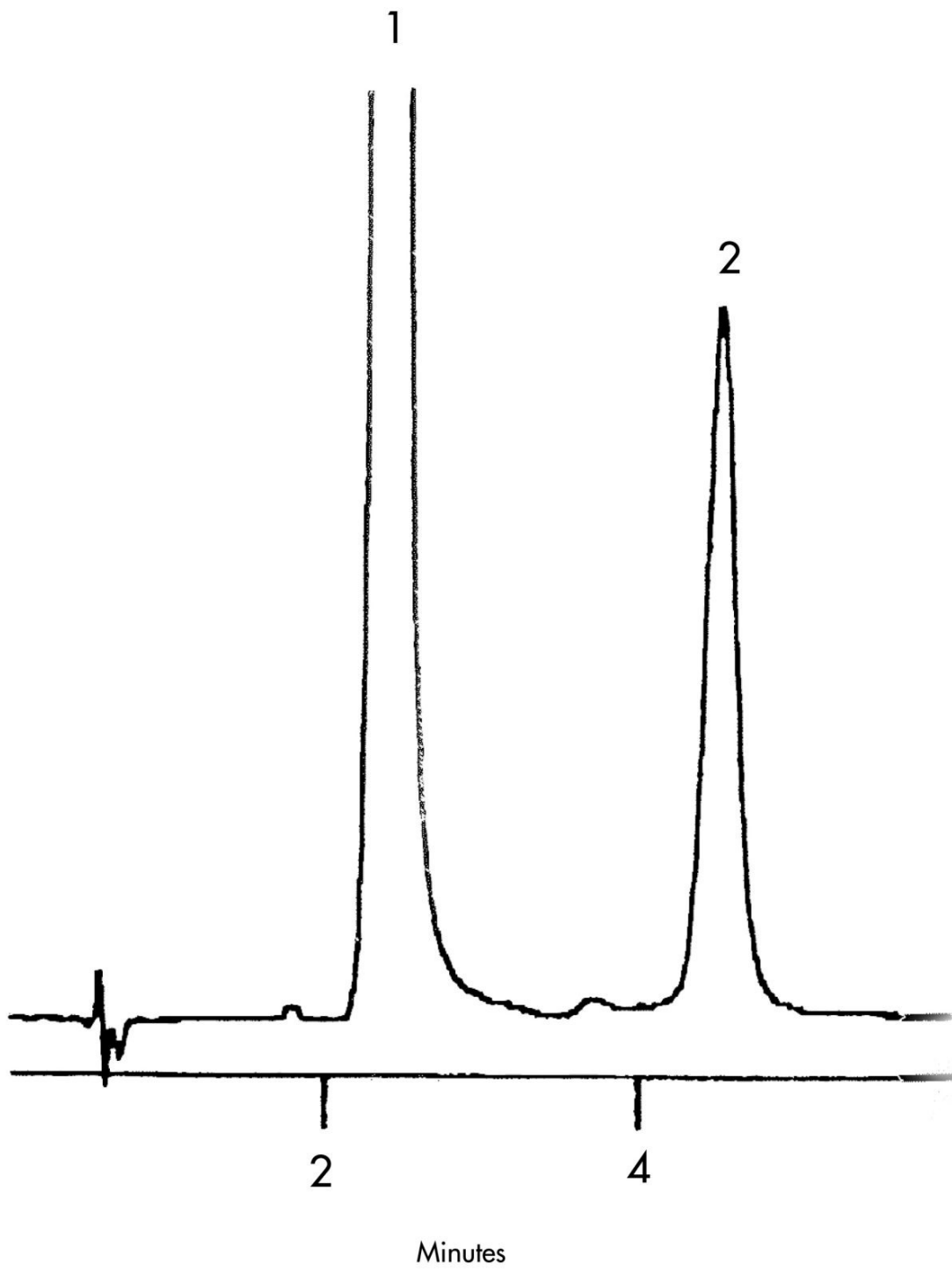
2. 4-Hydroxyantipyrine

Experimental

HPLC Method

Column:	Symmetry Shield RP ₈ , 4.6 x 50 mm, 5µm
Part number:	186000224
Mobile phase:	0.1% glacial acetic acid/methanol 85:15
Flow rate:	1.0 mL/min
Injection volume:	5 µL solution with antipyrine (240 ng) and 4-hydroxyantipyrine (29 ng)
Detection:	UV @ 254 nm

Results and Discussion



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