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Antipyrine and Its Metabolite



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, 5 μ m

Part number: 186000224

Mobile phase: 0.1% glacial acetic acid/methanol 85:15

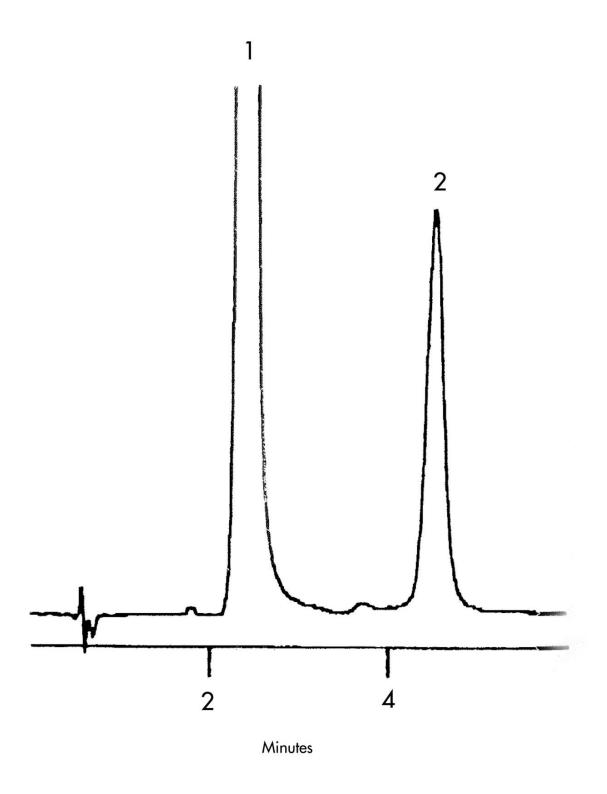
Flow rate: 1.0 mL/min

Injection volume: $5 \mu L$ solution with antipyrine (240 ng) and

4-hydroxyantipyrine (29 ng)

Detection: UV @ 254 nm

Results and Discussion



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