

应用纪要

Amphetamines

Waters Corporation

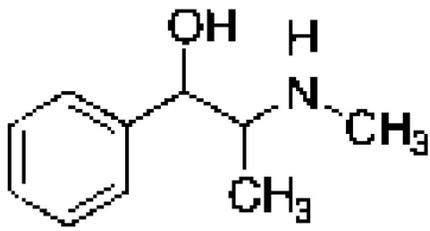
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

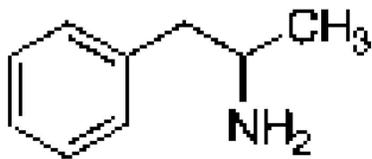
This application brief demonstrates analysis of amphetamines using Symmetry Shield RP₁₈ Column.

Introduction

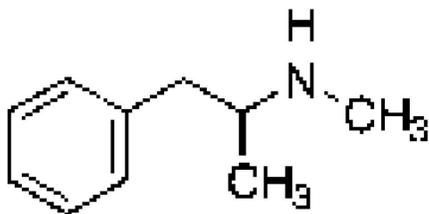
The compound analyzed in this study is amphetamines.



1. Ephedrine (I.S.)



2. Amphetamine



3. Methamphetamine

Experimental

HPLC Method

Column: Symmetry Shield RP₁₈, 3.9 x
150 mm, 5 μm,

Part number: 186000108

Mobile phase: 0.1% TFA in
Water/acetonitrile/methanol
91:7:2

Flow rate: 1.0 mL/min

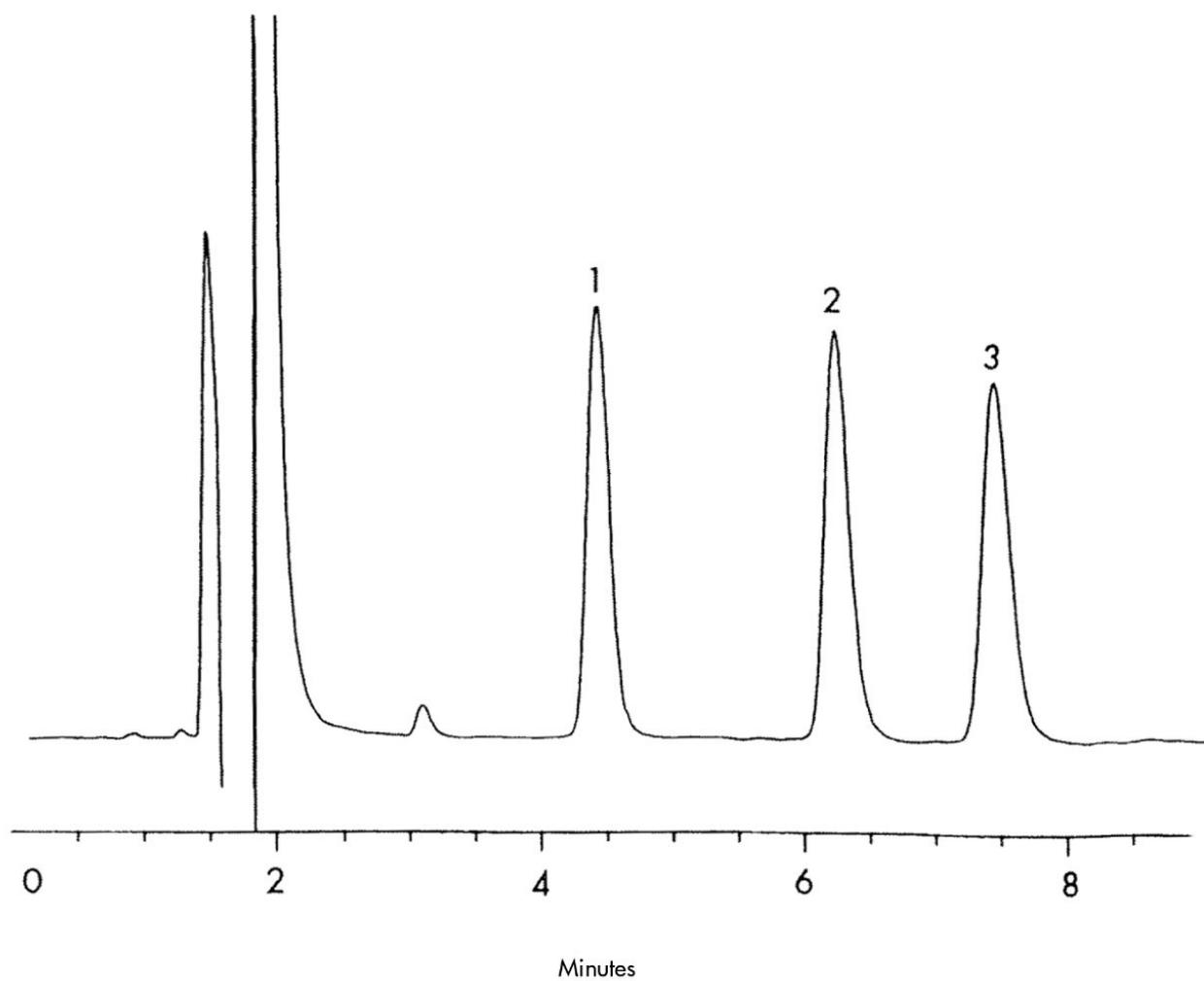
Injection volume: 50 μL

Detection: UV @ 210

USP Tailing Factors

1. 1.28
2. 1.32
3. 1.30

Results and Discussion



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