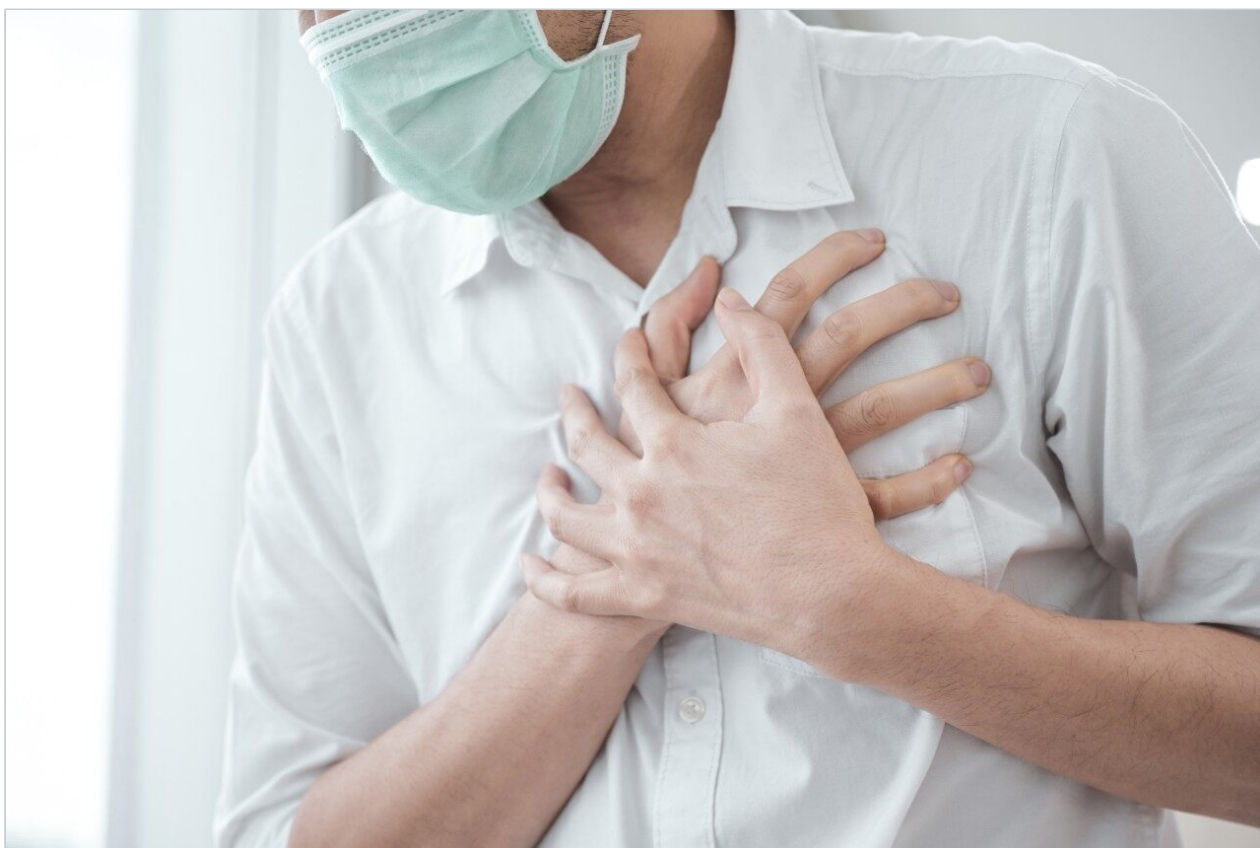


Procainamides at pH 3.0

Waters Corporation



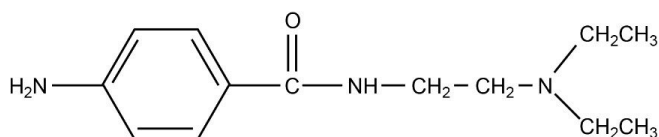
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

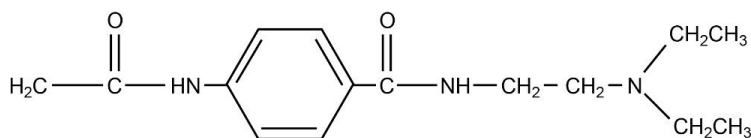
This application brief highlights the analysis of procainamides at pH 3.0 using Symmetry columns.

Introduction

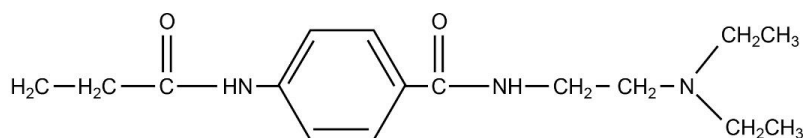
Compounds used in this application brief includes Procainamide, N-Acetylprocainamide, and N-Propionylprocainamide.



1. Procainamide



2. N-Acetylprocainamide



3. N-Propionylprocainamide

Experimental

HPLC Method

Column:

Symmetry C₈, 3.9 x 150 mm, 5 μm (p/n:

WAT046970)

Guard Column: Sentry Guard Column 3.9 x 20 mm, 5 µm (p/n: WAT054250)

Mobile phase: 50 mM potassium phosphate, pH 3.0/methanol
85:15

Flow rate: 1.0 mL/min

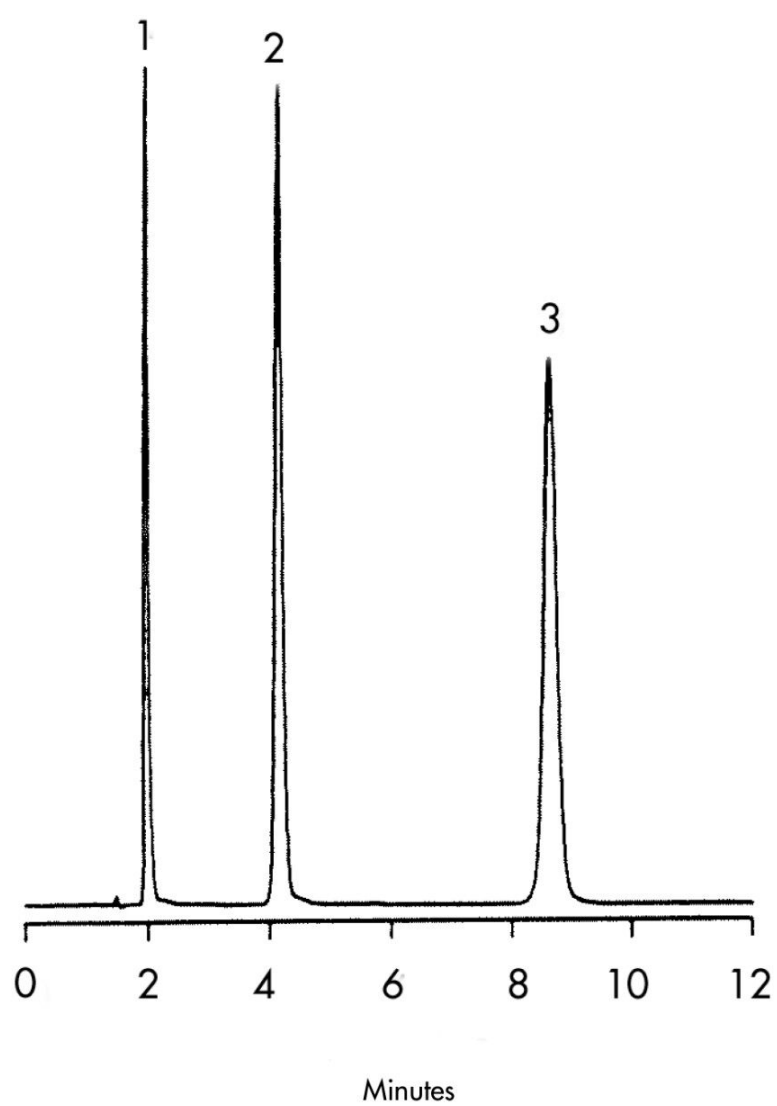
Injection volume: 10 µL of 40 µg/mL sample

Detection: UV @ 227 nm

USP tailing factors:

1.	1.2
2.	1.0
3.	1.0

Results and Discussion



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WA31763.128, June 2003

