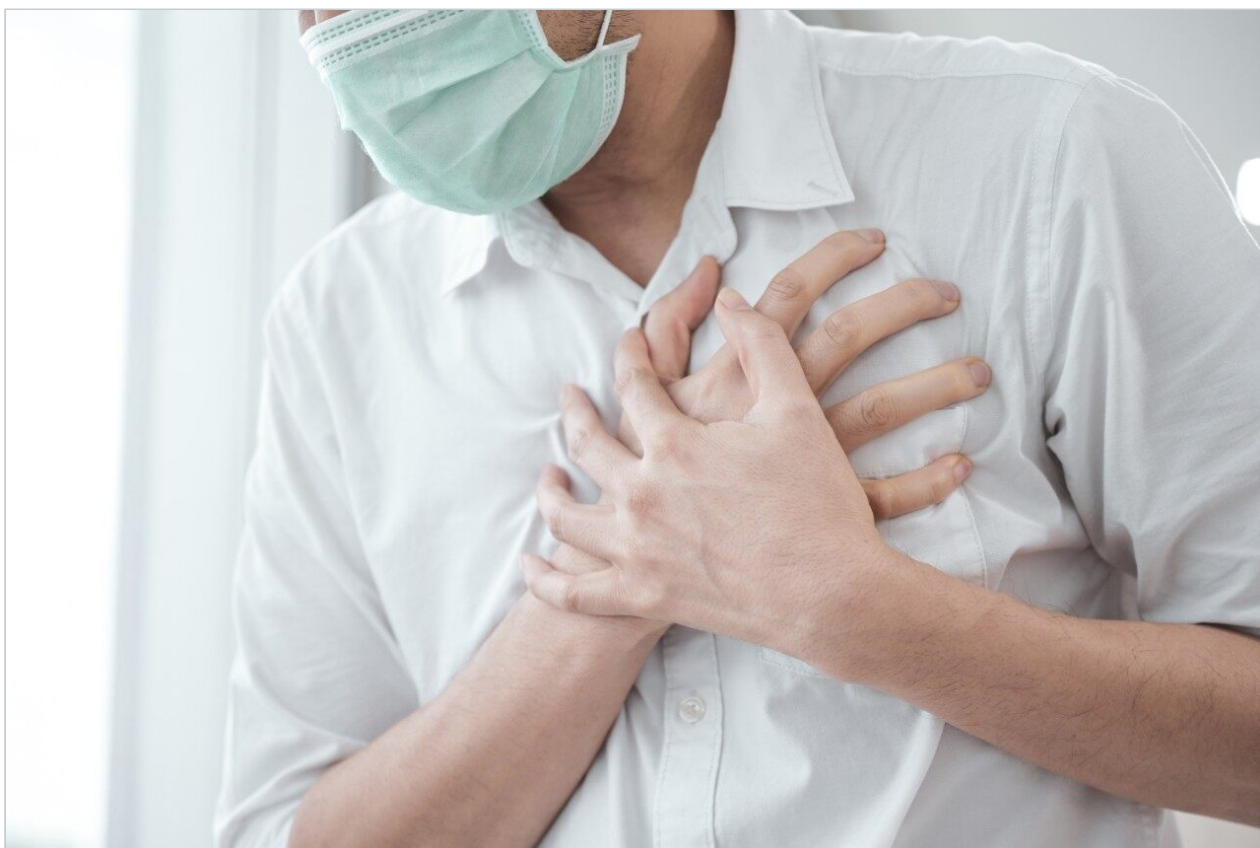


Nota applicativa

## Procainamides at pH 3.0

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Waters Corporation



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

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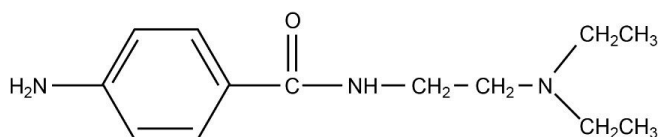
### Abstract

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

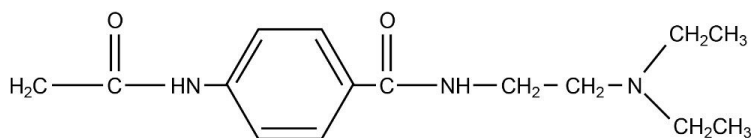
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## Introduction

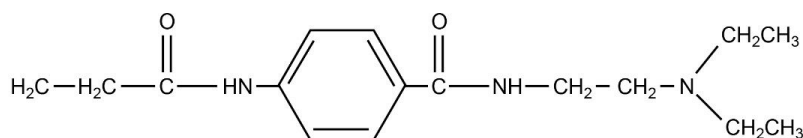
Compounds used in this application brief includes Procainamide, N-Acetylprocainamide, and N-Propionylprocainamide.



### 1. Procainamide



### 2. N-Acetylprocainamide



### 3. N-Propionylprocainamide

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## Experimental

### HPLC Method

Column:

Symmetry C<sub>8</sub>, 3.9 x 150 mm, 5 μm (p/n:

WAT046970)

Guard Column: Sentry Guard Column 3.9 x 20 mm, 5  $\mu$ m (p/n:  
WAT054250)

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

Flow rate: 1.0 mL/min

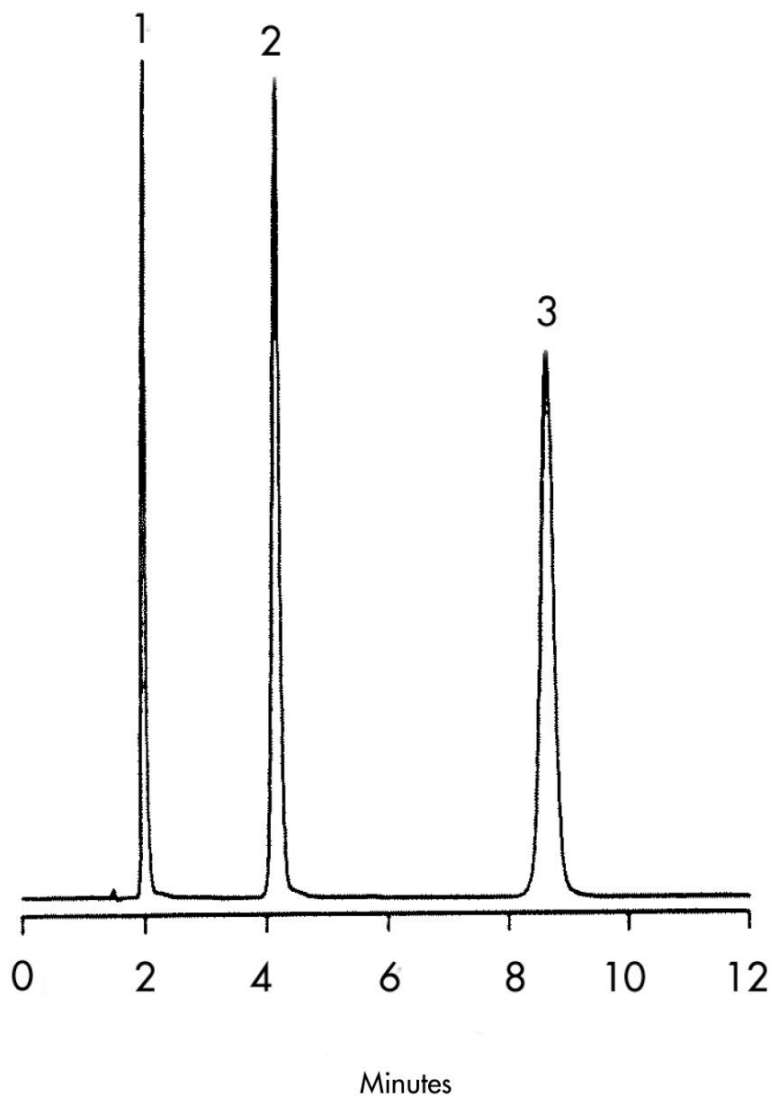
Injection volume: 10  $\mu$ L of 40  $\mu$ g/mL sample

Detection: UV @ 227 nm

USP tailing factors:  
1. 1.2  
2. 1.0  
3. 1.0

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## Results and Discussion



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## Featured Products

WA31763.128, June 2003

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