Waters™

Procaine

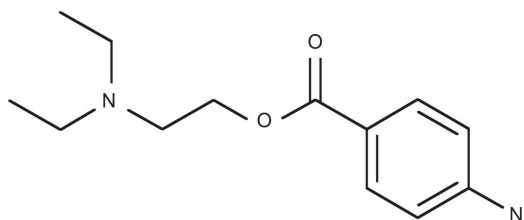Waters Corporation

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

Abstract

This application brief highlights the analysis of procaine using XTerra RP$_{18}$ columns.

Introduction

Procaine has been analyzed in this application brief.

Procaine

Experimental

HPLC Method

Column:	XTerra RP$_{18}$ 4.6 x 150 mm, 5 µm (p/n: 186000492)
Mobile phase:	At pH 3.0: H$_2$O/ACN/100 Mm NH$_4$COOH, pH 3.0, 65:25:10
	At pH 7.0: H$_2$O/ACN/100 mM NH$_4$HCO$_3$, pH 7.0, 35:55:10
	At pH 10.0: H$_2$O/ACN/100 mM NH$_4$HCO$_3$, pH 10.0, 60:30:10
Flow rate:	1.0 mL/min
Injection volume:	5 µL of 250 µg/mL
Temperature:	30 °C
Detection:	UV @ 280 nm

Instrument: Alliance 2695, 2996 PDA

Mobile Phase pH	USP Tailing
3.0	1.28
7.0	1.23
10.0	1.08

Results and Discussion
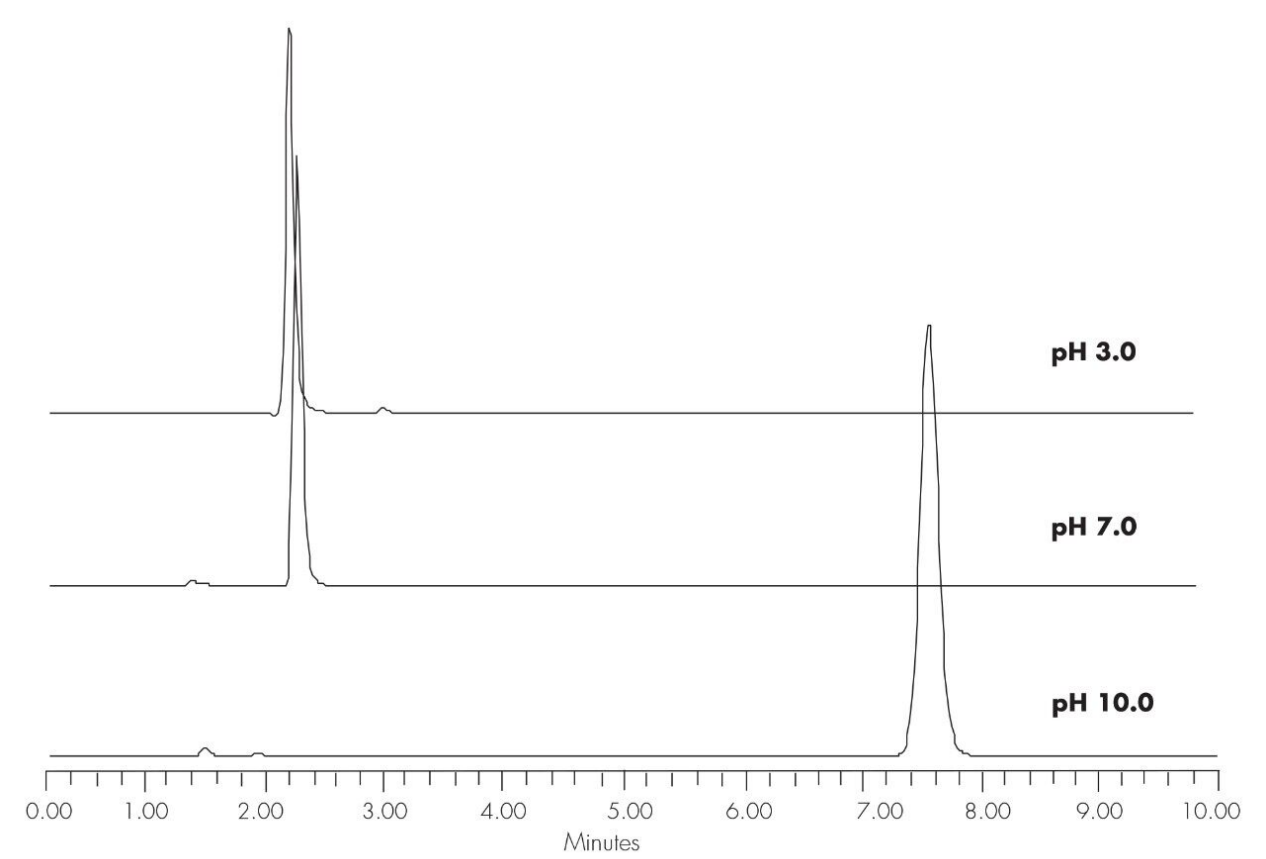
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