

## Acetaminophen and Codeine

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Waters Corporation



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

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### Abstract

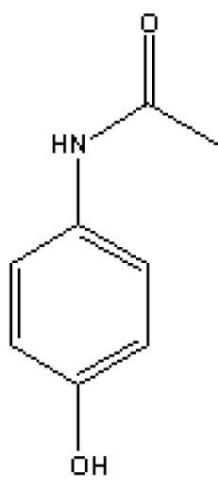
This application brief highlights the analysis of acetaminophen and codeine using Symmetry C<sub>8</sub> columns.

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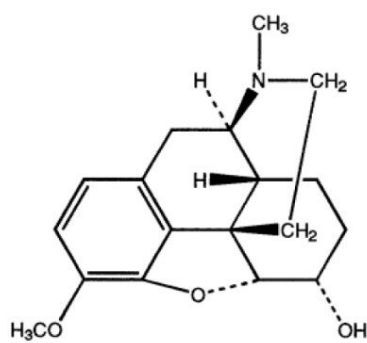
## Introduction

Compounds analyzed in this study are:

1. Acetaminophen
2. Codeine



## 1. Acetaminophen



## 2. Codeine

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## Experimental

### HPLC Method

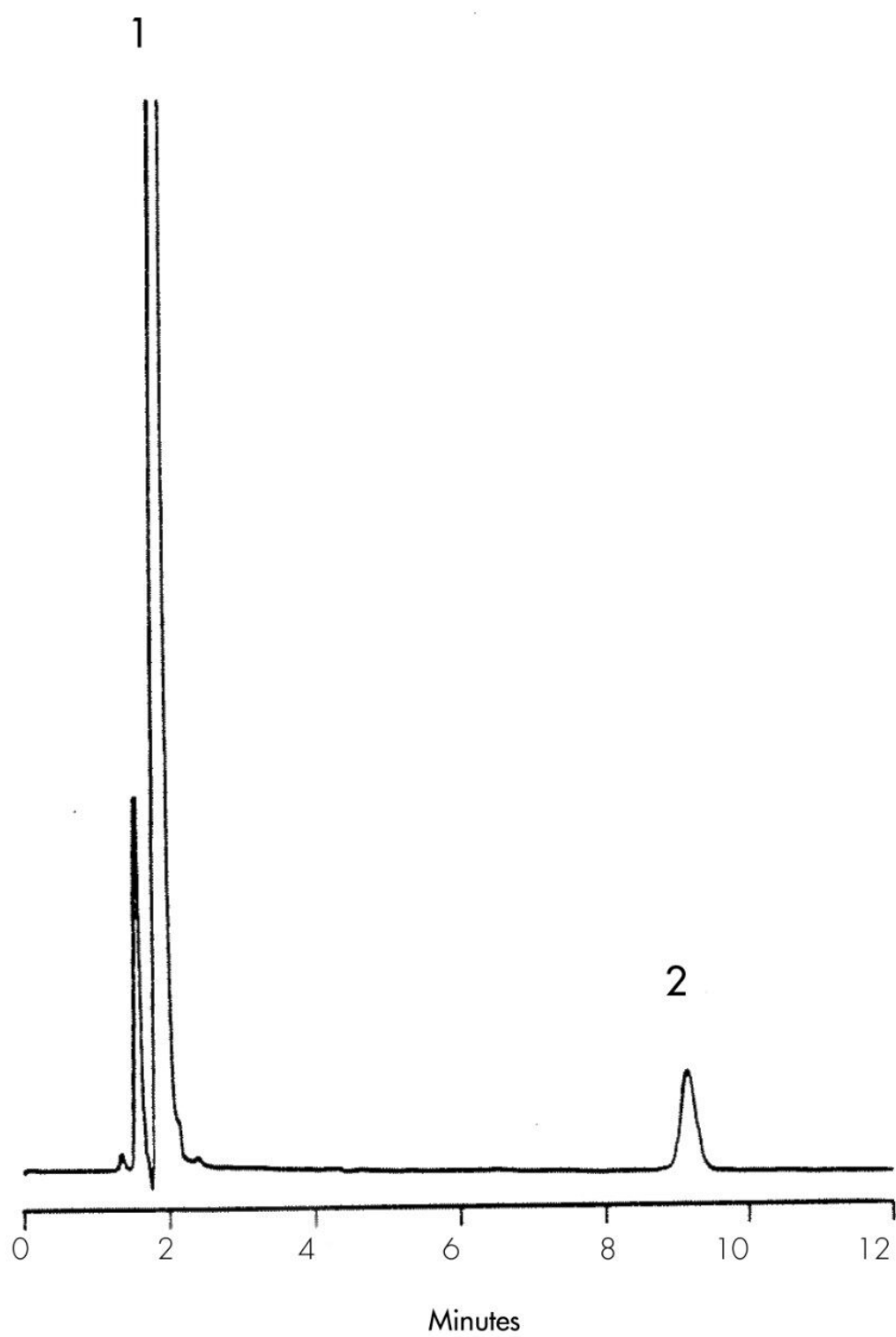
Column:	Symmetry C <sub>8</sub> , 3.9 x 150 mm, 5 µm (p/n: WAT046970)
Mobile phase:	10 mM docusate sodium in methanol/water/THF/phosphoric acid 60:36:4:1
Flow rate:	0.75 mL/min
Injection volume:	15 µL of 55 µg/mL acetaminophen and 35 µg of codeine sample
Detection:	UV @ 254 nm

### USP Tailing Factors

1. 1.09
2. 1.04

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## Results and Discussion



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