

100% Aqueous QC Batch Test on Atlantis T3 Columns

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

Abstract

This application brief demonstrates 100% aqueous QC batch test on Atlantis T3 Columns.

Introduction

The compounds used in this study are -

1. Thiourea
2. 5-Fluorocytosine
3. Adenine
4. Guanosine-5'-monophosphate
5. Thymine

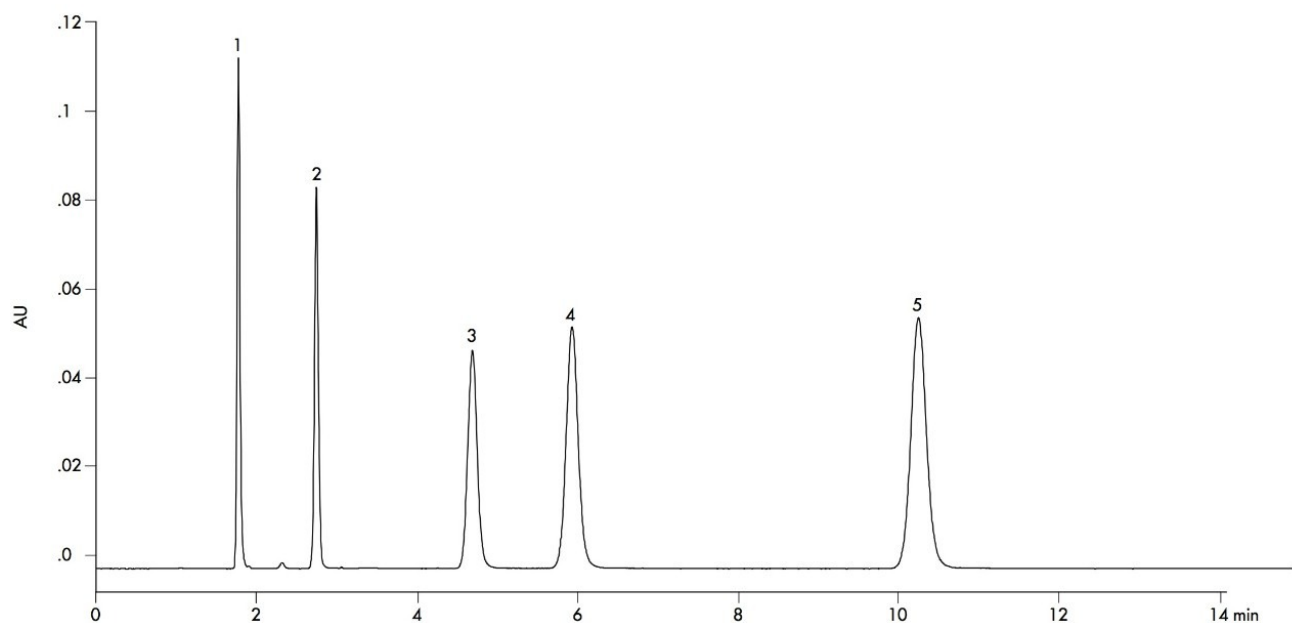
Experimental

Test Conditions

Column:	Atlantis T3, 4.6 x 150 mm, 5 μ m
Part number:	186003747
Isocratic mobile phase composition:	10 mM HCOONH ₄ , pH 3.0
Flow rate:	1.2 mL/min
Injection volume:	7 μ L
Sample:	Thiourea (35 μ g/mL), 5-Fluorocytosine (35 μ g/mL), Adenine (15 μ g/mL), Guanosine-5'-monophosphate (70 μ g/mL), Thymine (45 μ g/mL) in 10mM HCOONH ₄
Column temperature:	Ambient

Sample temperature: 15 °C
Detection: UV @ 254 nm
Sampling rate: 5 point/sec
Filter response: 0.2
Instrument: Waters Alliance 2695 with 2996 PDA

Results and Discussion



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· [Alliance HPLC System <https://www.waters.com/534293>](https://www.waters.com/534293)

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