

Application Note

100% Aqueous QC Batch Test on Atlantis T3 Columns

Waters Corporation



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 µm
Part number:	186003747
Isocratic mobile phase composition:	10 mM HCOONH ₄ , pH 3.0
Flow rate:	1.2 mL/min
Injection volume:	7 µL
Sample:	Thiourea (35 µg/mL), 5-Fluorocytosine (35 µg/mL), Adenine (15 µg/mL), Guanosine-5'-monophosphate (70 µg/mL), Thymine (45 µg/mL)

g/mL) in 10mM HCOONH₄

Column temperature:

Ambient

Sample temperature:

15 °C

Detection:

UV @ 254 nm

Sampling rate:

5 point/sec

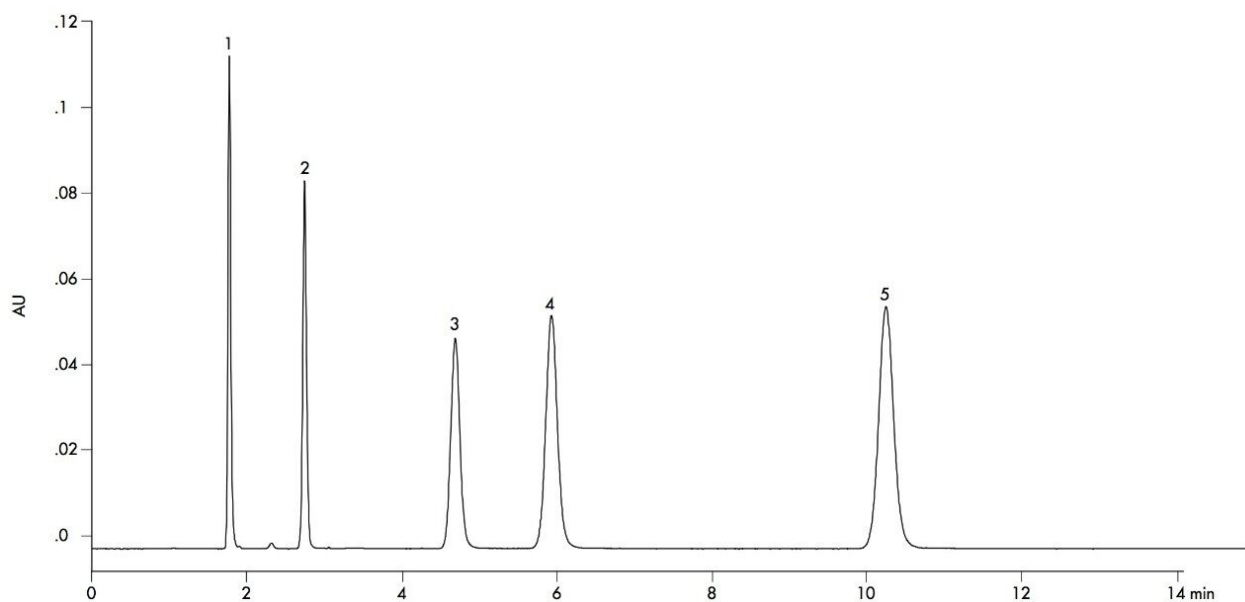
Filter response:

0.2

Instrument:

Waters Alliance 2695 with 2996 PDA

Results and Discussion



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Alliance HPLC System <<https://www.waters.com/534293>>

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