Waters™

Applikationsbericht

Speed Mix - 4.6 x 20 mm Intelligent Speed Separation

Waters Corporation

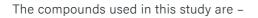


This is an Application Brief and does not contain a detailed Experimental section.

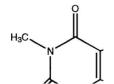
Abstract

This application brief demonstrates analysis of speed mix using 4.6 x 20 mm Intelligent Speed Separation Column.

Introduction



- 1. Theophylline
- 2. 2-Acetylfuran
- 3. Acetanilide
- 4. Acetophenone
- 5. Propiophenone
- 6. Butyrophenone
- 7. Benzophenone
- 8. Valerophenone
- 9. Hexanophenone
- 10. Heptanophenone
- 11. Octanophenone



NH NH

1. Theophylline

2. 2-Acetylfuran

3. Acetanilide





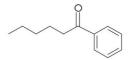


4. Aceophenone

5. Propiophenone

6. Butyrophenone

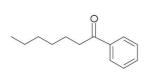




7. Benzophenone

8. Valerophenone

9. Hexanophenone



10. Heptanophenone

11. Octanophenone

Experimental

HPLC Method

Column: Symmetry C_{18} , 4.6 x 20 mm, 3.5 μm IS

Symmetry Shield RP₁₈, 4.6 x 20 mm, 3.5 μm IS

Part numbers: Symmetry - 186002090

Symmetry Shield - 186002092

Mobile phase A: 0.1% HCOOH in Water

Mobile phase B: 0.1% HCOOH in ACN

Flow rate: 3.0 mL/min

Injection volume: 10 μ L

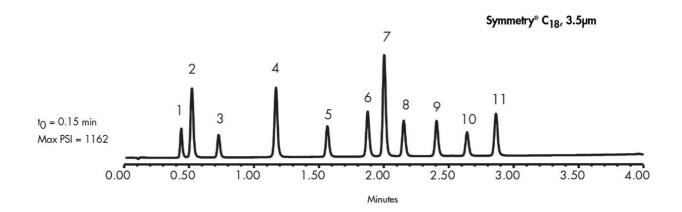
Temperature: 30 °C

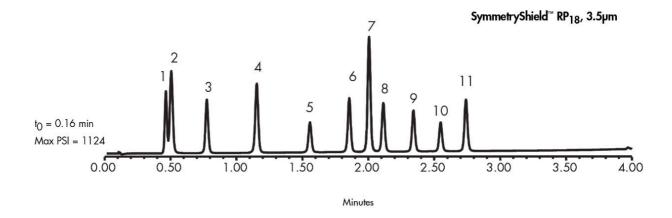
Detection: UV @ 254 nm

Gradient

Time (min)	Profile	
	%A	%B
0	100	0
4	0	100

Results and Discussion





Featured Products

WA31763.148, June 2003

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