Cold/flu medicine

Application Note

BioPharma

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Introduction
HPLC using an Agilent Polaris C18-A column separates four components of a cold medicine in under four minutes.
Conditions

Column: Agilent Polaris C18-A, 4.6 x 30 mm, 3 µm
Part no. A2001030X046

Eluent:
A: H₂O + 0.1% TFA,
B: MeOH + 0.1% TFA,

Gradient: 15 - 65% B in 5 min.,

Flow: 2.0 mL/min,

Detection: UV @ 214 nm

Peak identification
1. acetaminophen,
2. doxylamine succinate,
3. pseudoephedrine,
4. dextromethorphan