Analgesics

Application Note

BioPharma

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Introduction
The HPLC analysis of four analgesics is achieved with an Agilent Polaris C18-Ether column in less than ten minutes.
**Conditions**

Column: Agilent Polaris C18-A, 4.6 x 150 mm, 5 µm  
Part no. A2000150X046

Eluent:  
A: H₂O + 0.1% HCOOH  
B: MeCN + 0.1% HCOOH

Gradient: 40% to 90%B in 10 min

Flow: 1.0 mL/min

Detection: UV @ 220 nm

**Peak identification**

1. acetaminophen  
2. acetylsalicylic acid  
3. salicylic acid  
4. ibuprofen