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Simultaneous Isocratic Determination of Five Nonsteroidal Anti-Inflammatory Drugs (NSAIDs) Using HPLC-UV

The method is intended for the isocratic determination of five nonsteroidal anti-inflammatory drugs (acetylsalicylic acid, ketoprofen, naproxen, ibuprofen, ketorolac) in various pharmaceutical and biological samples using simple isocratic 400 bar HPLC system with a conventional UV detector.

Chromatogram

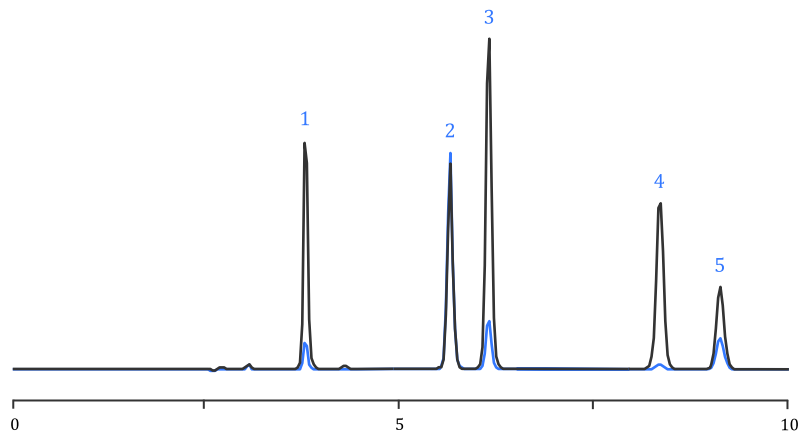


Figure 1. Isocratic determination of five nonsteroidal anti-inflammatory drugs. Detection: UV 215 nm, 260 nm

Analytes

1. Acetylsalicylic acid, 2. Ketoprofen, 3. Naproxen, 4. Ibuprofen, 5. Ketorolac

