

Simultaneous Isocratic Determination of Eight Drugs in Cough & Cold Preparations That Include Acetaminophen & Caffeine Using HPLC-UV

The method is intended for the isocratic determination of eight drugs (phenylephrine, acetaminophen, pseudoephedrine, metamizole, codeine, guaifenesin, caffeine, phenobarbital) in cough & cold preparations using simple isocratic 400 bar HPLC system with a conventional UV detector.

Chromatogram

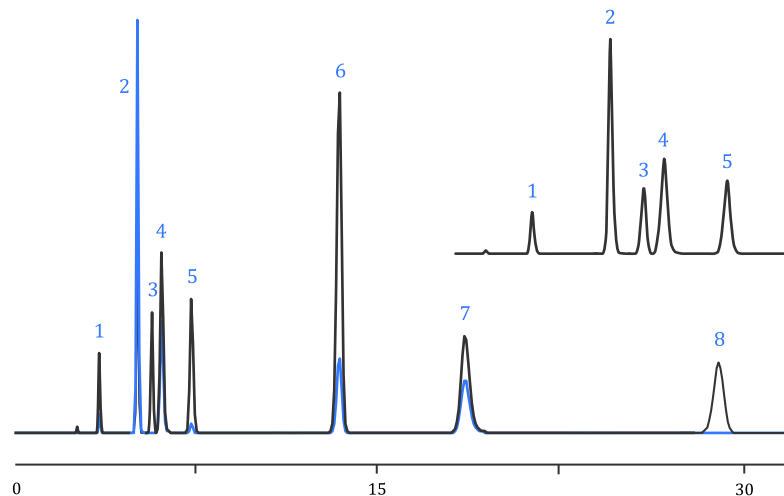


Figure 1. Isocratic determination of eight drugs in cough & cold preparations. Detection: UV 215 nm + 280 nm

Analytes

1. Phenylephrine, 2. Acetaminophen, 3. Pseudoephedrine, 4. Metamizole, 5. Codeine, 6. Guaifenesin, 7. Caffeine, 8. Phenobarbital

