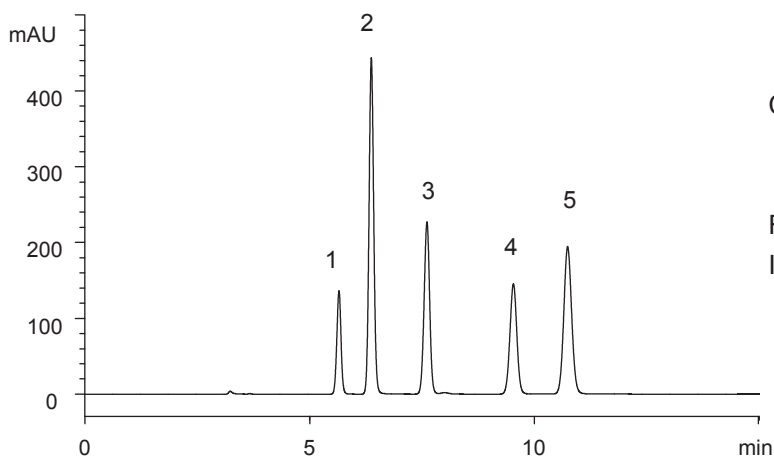


キサンチンオキシダーゼ阻害剤代謝物—2 μmカラムによる超高速分析化

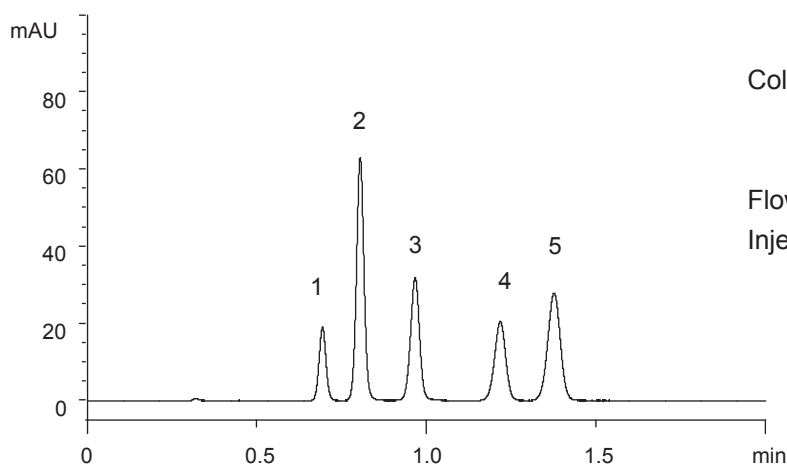
Xanthine oxidase inhibitor and its metabolites—method transfer to ultra-fast LC F070906B

Conventional LC method

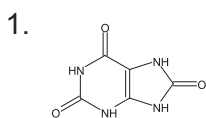


Column : Hydrosphere C18
(5 μm, 12nm)
150 mm × 4.6 mm I.D.
Flow rate : 1.0 mL/min
Injection : 7.5 μL

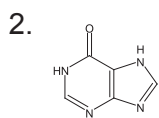
Ultra-fast LC method



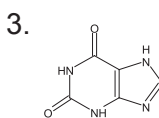
Column : YMC-UltraHT Hydrosphere C18
(2 μm, 12nm)
50 mm × 2.0 mm I.D.
Flow rate : 0.6 mL/min
Injection : 0.5 μL



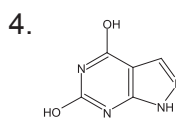
Uric acid



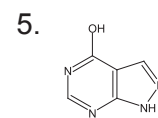
Hypoxanthine



Xanthine



Oxipurinol



Allopurinol

Eluent□ : 10 mM CH₃COOH-CH₃COONH₄ (pH 4.5)

Temperature□ : 37 °C

Detection□ : UV at 254 nm

Injection□ : 0.1 mg/mL