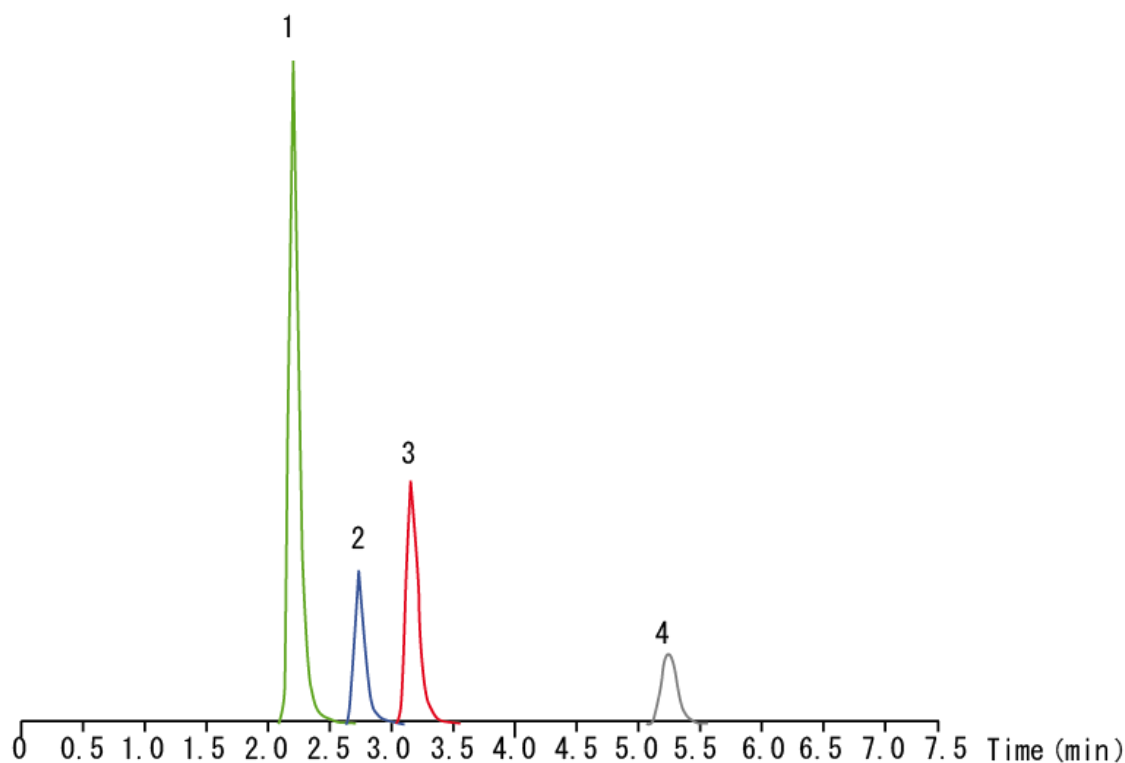


Analysis of Tricyclic antidepressants



Conditions

System : LC800 HPLC system
 API 3000TM
Column : Inertsil ODS-4 (5 μ m, 100 x 2.1 mm I.D.)
Column Cat. No. : 5020-81014
Eluent : A) CH₃CN
 B) 10 mM CH₃COONH₄ (pH 7.0, CH₃COOH)
 A/B = 60/40, v/v
Flow Rate : 0.2 mL/min
Col. Temp. : 40 °C
Detection : LC/MS/MS (ESI, Positive, MRM)
Injection Vol. : 1 μ L

Analyte

1. Imipramine (100 mg/L)
 2. Amitriptyline (100 mg/L)
 3. Clomipramine (100 mg/L)
 4. Mianserin (100 mg/L)