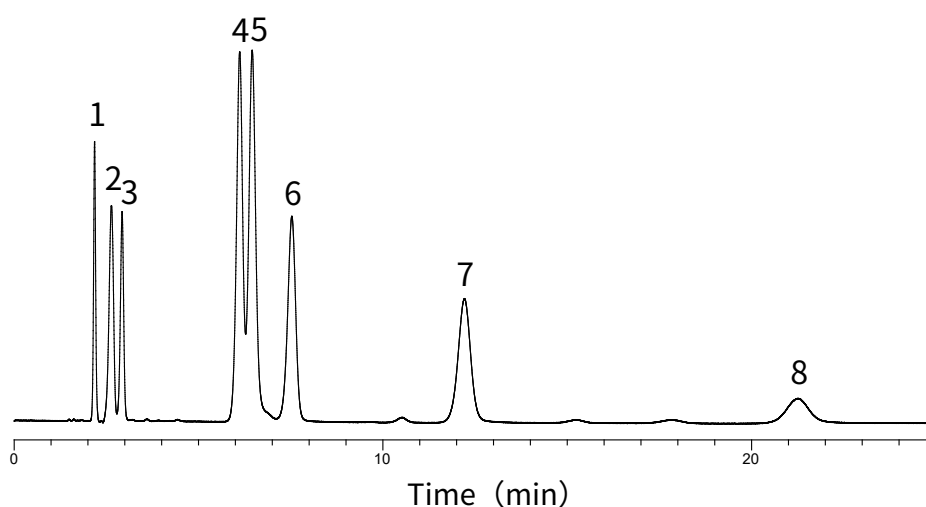


Analysis of Purine bases

Data No. LB499-806



Conditions

Column : InertSustain Amide
(5 µm, 150 x 2.1 mm I.D.)
Column Cat. No. : 5020-88607
Eluent : A) CH₃CN
B) 50 mM HCOONH₄ in H₂O
C) HCOOH
A/B = 90/10/0.1, v/v/v
Flow Rate : 0.2 mL/min
Col. Temp. : 40 °C
Detection : UV 254 nm
Injection Vol. : 0.5 µL
Sample : Standard

Analyte:

1. Caffeine
2. Theophylline
3. Theobromine
4. Hypoxanthine
5. Adenine
6. Xanthine
7. Guanine
8. Uric acid
(100 mg/L each)