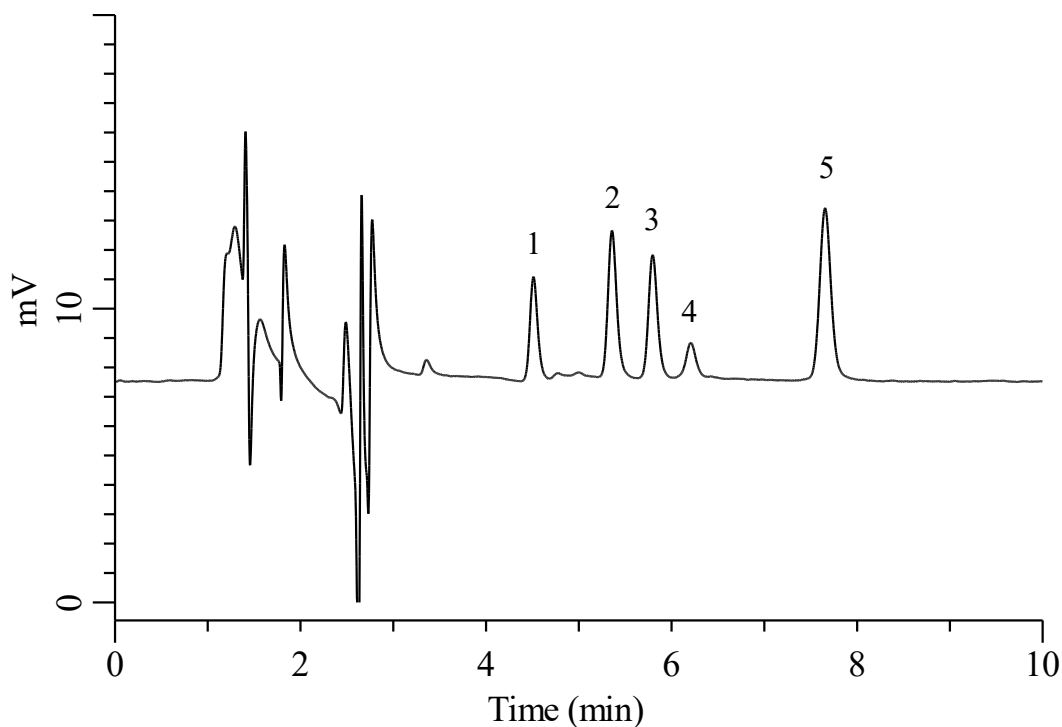


Analysis of Catecholamines



Conditions

System : Chromaster PLUS (HITACHI)
Column : Inertsil ODS-4 (GL Sciences Inc.)
 (HP 3 μ m, 150 x 3.0 mm I.D.)
Column Cat. No. : 5020-14005
Eluent : A) CH₃CN
 B) 20 mM Sodium acetate + 20 mM citric acid
 + 0.5 g/L Sodium 1-Heptane sulfonate in H₂O
 A/B = 10/100, v/v
Flow rate : 0.4 mL/min
Col. Temp. : 35 °C
Detection : ECD 1000 mV vs. Ag/AgCl (ED743, Diamond)
Injection Vol. : 20 μ L
Sample : Standard in H₂O

Analyte:

1. Norepinephrine
 2. Epinephrine
 3. 3,4-Dihydroxybenzylamine hydrobromide (DHBA)
 4. 3,4-Dihydroxyphenylacetic acid (DOPAC)
 5. Dopamine
- (5 μ g/L each)