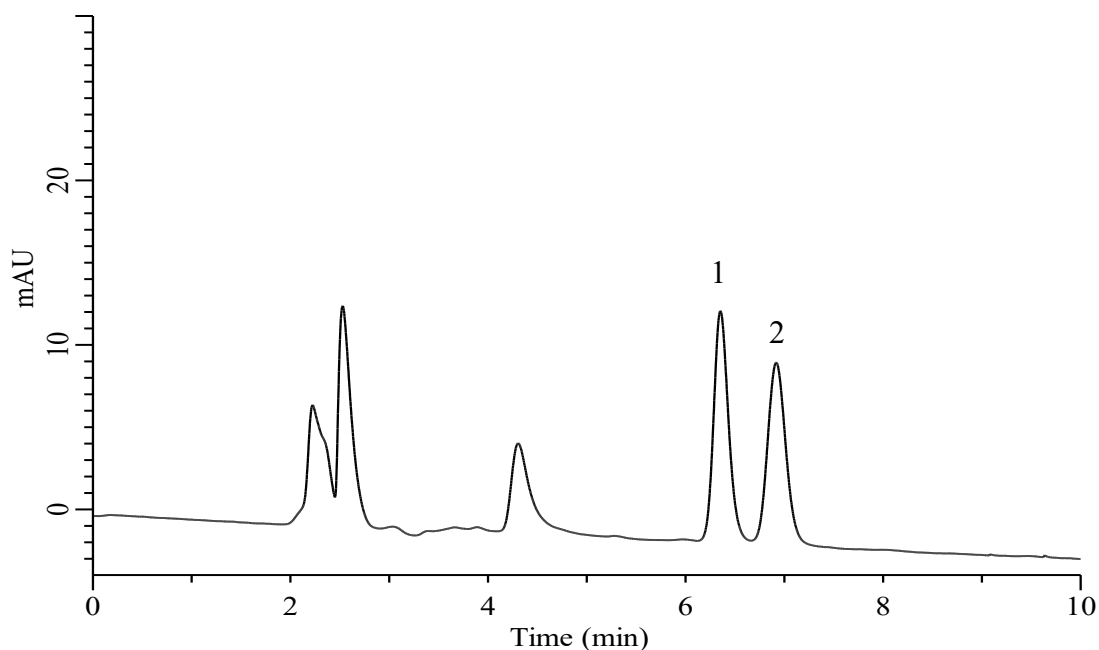


Analysis of Isoleucine and Leucine



Conditions

System : Chromaster PLUS (HITACHI)
Column : Inertsil NH2 with 100% CH₃CN (GL Sciences Inc.)
 (5 μm, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-89953
Eluent : Solution*
Flow Rate : 1.0 mL/min
Col. Temp. : 25 °C
Detection : UV 210 nm (Chromaster 5420 UV-VIS)
Injection Vol. : 50 μL
Sample : Standard in Eluent

Analyte:
 1. Leucine 100 μg/mL
 2. Isoleucine 100 μg/mL

 Resolution (1, 2) : 1.86

* : Dissolve 6.80 g of potassium dihydrogen phosphate in water for chromatography and dilute to 1000 mL with the same solvent. Mix 35 volumes of the solution obtained and 65 volumes of acetonitrile.