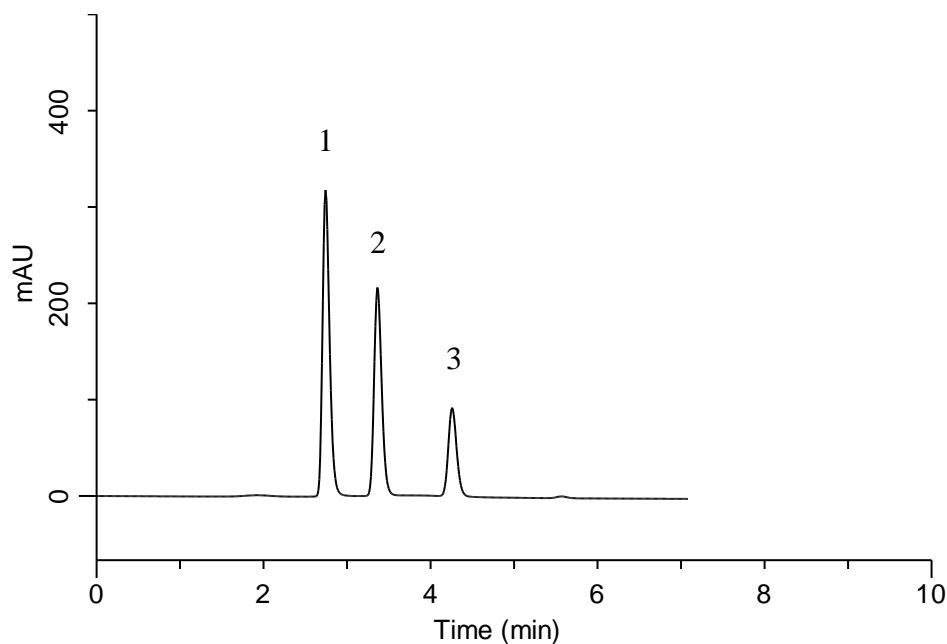


Analysis of Maleic acid, Fumaric acid and Acrylic acid



Conditions

System : GL7700 HPLC system
Column : Inertsil WP300 C18
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-05845
Eluent : A) CH₃OH
 B) 0.1 % H₃PO₄ in H₂O
 A/B = 5/95, v/v (Mixed by a gradient mixer)
Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 210 nm (PD7752 PDA Detector)
Injection Vol. : 0.5 μ L
Sample : Standard

Analyte:

1. Maleic acid	0.66 mg/mL
2. Fumaric acid	0.33 mg/mL
3. Acrylic acid	0.33 mg/mL