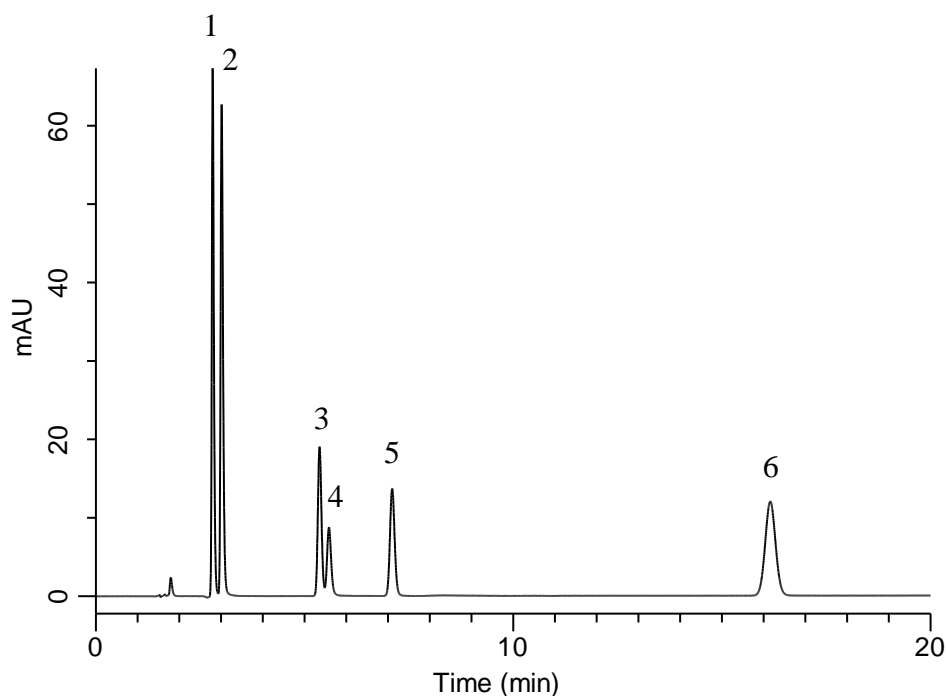


Analysis of Acrylamide, Acrylonitrile and Organic acids



Conditions

System : GL7700 HPLC system
Column : Inertsil ODS-4
 (3 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-04045
Eluent : A) CH₃CN
 B) 0.1 % H₃PO₄ in H₂O
 A/B = 3/97, v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 210 nm (UV7750 UV Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Acrylamide
 2. Maleic acid
 3. Acrylic acid
 4. Acrylonitrile
 5. Itaconic acid
 6. Methacrylic acid
 (2 mg/L each)