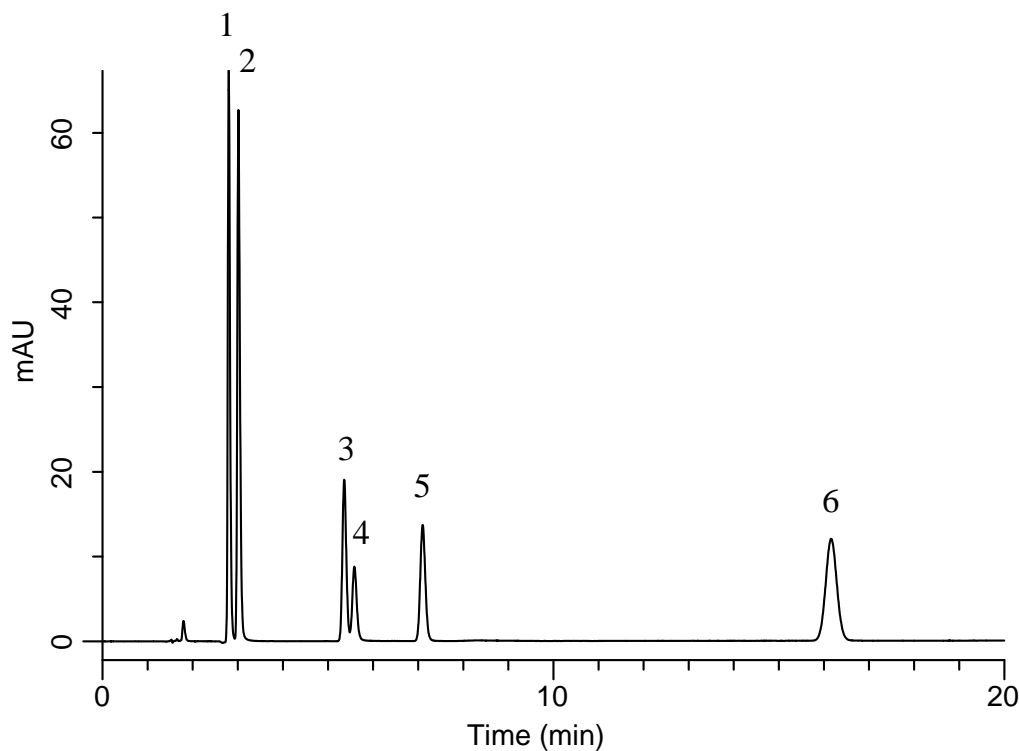


InertSearch™ for LC

Inertsil® Applications

Analysis of Acrylamide, Acrylonitrile and Organic acids

Data No. LB334-0848



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)