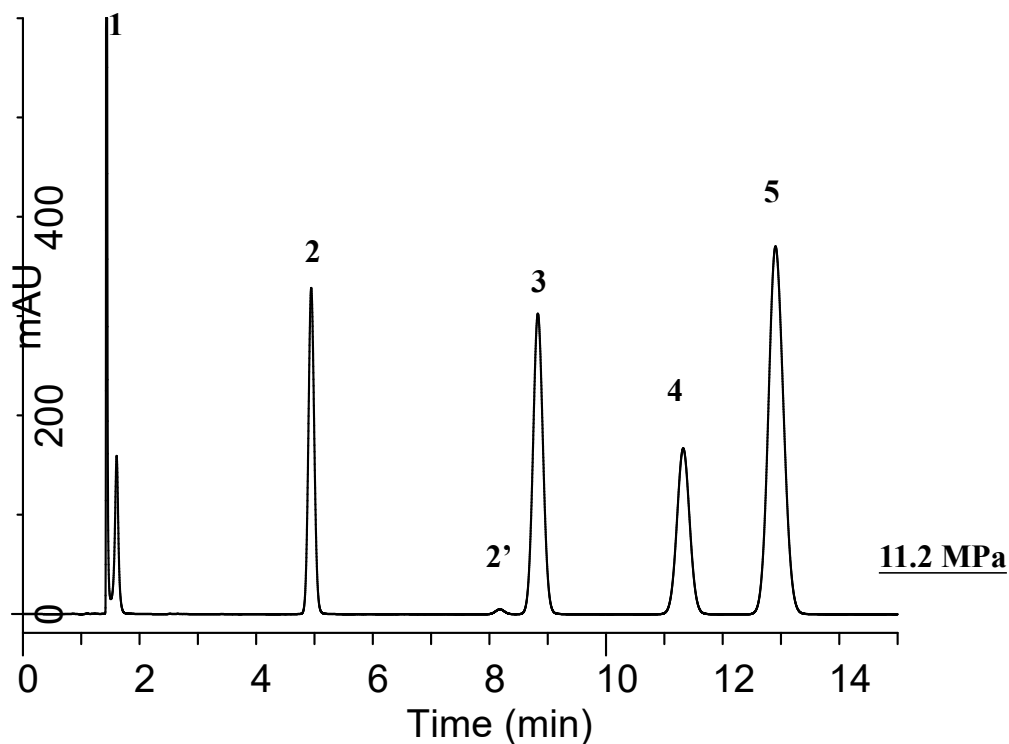


InertSearch™ for LC

Inertsil® Applications

Analysis of Aromatic carboxylic acids

Data No. LA703-0698



Conditions

System : GL-7400 system
Column : Inertsil ODS-3 (3 μ m, 100 x 4.6 mm I.D.)
Column Cat. No. : 5020-01775
Eluent : A) CH₃CN
B) 0.1 % H₃PO₄
A/B = 15/85, v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detector : UV 275 nm (GL-7452A PDA Detector)
Injection Vol. : 10 μ L

Analyte

1. Gallic acid (0.17 mg/mL)
2. Vanillic acid (0.17 mg/mL)
2' Vanillin (Impurity of 2)
3. *p*-Coumaric acid (0.17 mg/mL)
4. Ferulic acid (0.17 mg/mL)
5. *m*-Coumaric acid (0.17 mg/mL)