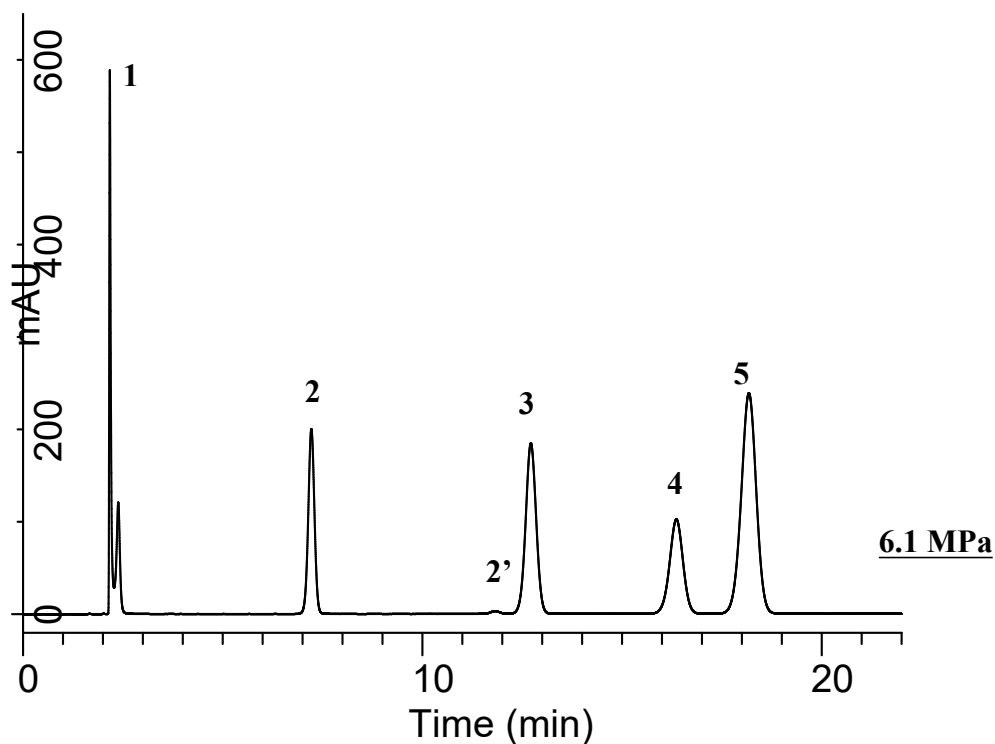


InertSearch™ for LC

Inertsil® Applications

Analysis of Aromatic carboxylic acids

Data No. LA702-0698



Conditions

System : GL-7400 system
Column : Inertsil ODS-3 (5 µm, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-01731
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 µL

Analyte

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