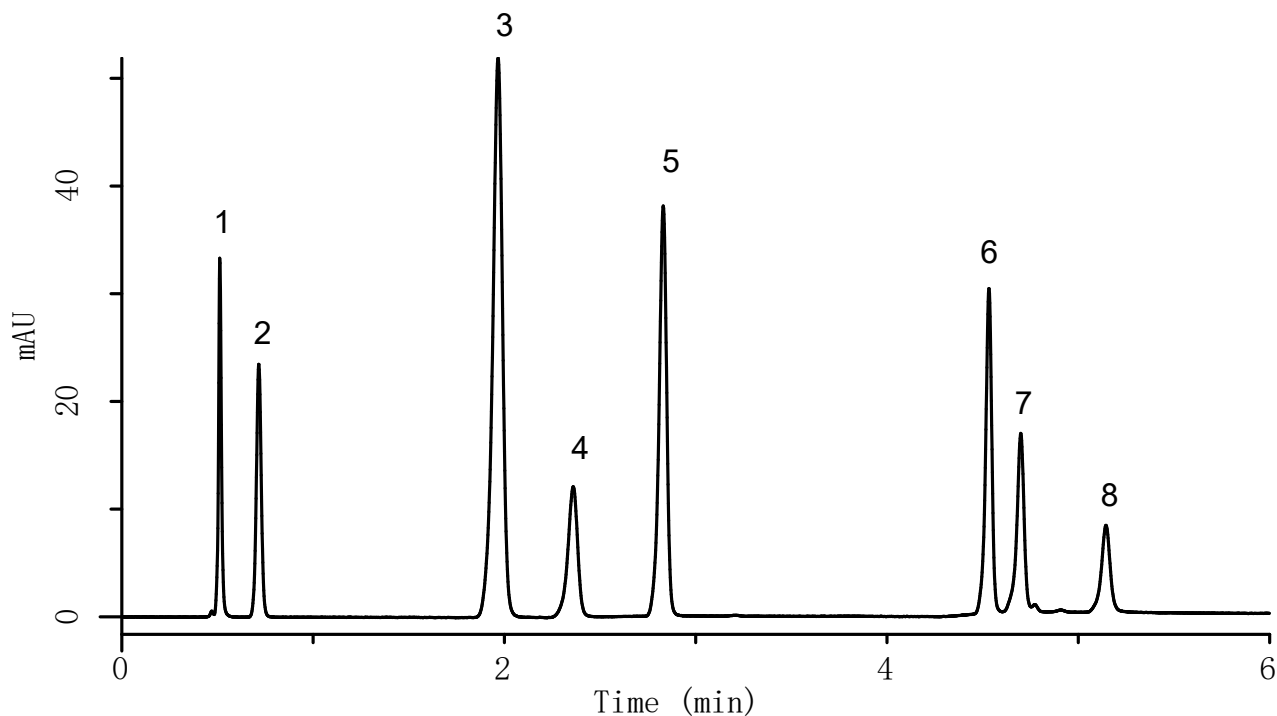


InertSearch™ for LC

Inertsil® Applications

Analysis of Aromatic carboxylic acids

Data No. LA821-0699



Conditions

System : GL-7400 HPLC System
Column : MonoClad C18-HS (150 x 3.0 mm I.D.)
Column Cat. No. : 5020-10803
Eluent : A) CH₃CN
 : B) 0.1 % H₃PO₄
 : A/B = 5/95 – 3 min – 15/85, v/v
Flow Rate : 2 mL/min
Col. Temp. : UV 254 nm (GL-7450 UV Detector)
Detection : 40 °C
Injection Vol. : 2 µL

Analyte

1. Uracil	(0.02 mg/mL)
2. Gallic acid	(0.03 mg/mL)
3. <i>p</i> -Hydroxy benzoic acid	(0.02 mg/mL)
4. Genistic acid	(0.24 mg/mL)
5. Caffeic acid	(0.09 g/mL)
6. Ferulic acid	(0.06 mg/mL)
7. Benzoic acid	(0.24 mg/mL)
8. Salicylic acid	(0.12 mg/mL)