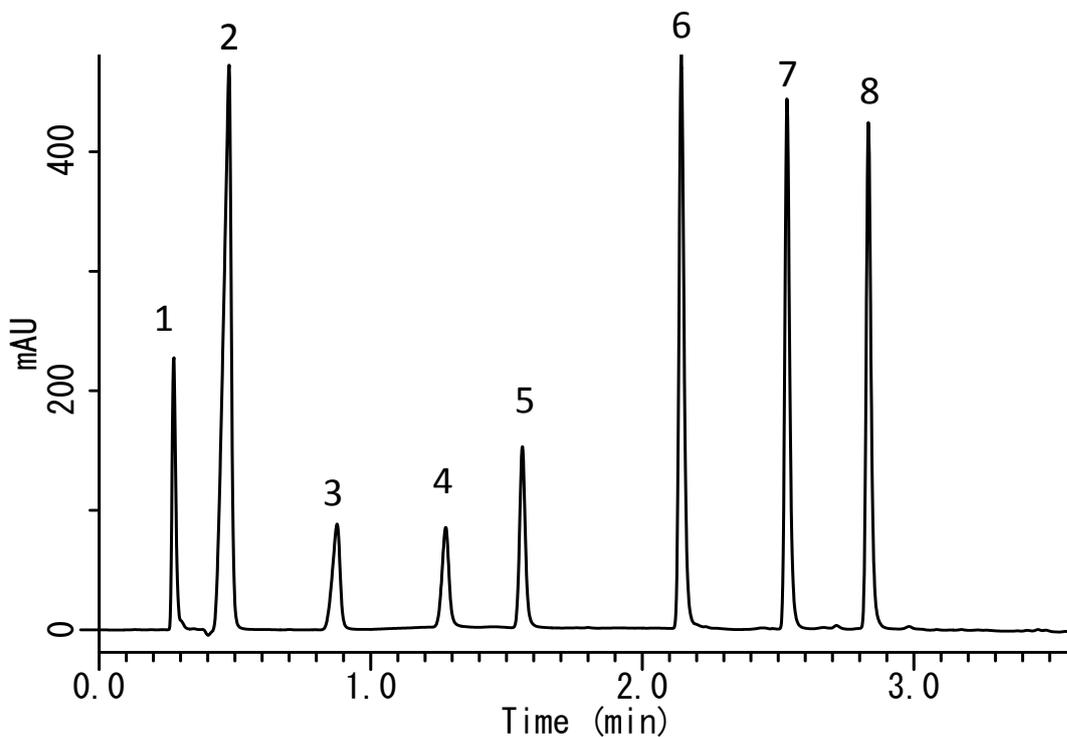


InertSearch™ for LC

Inertsil® Applications

Analysis of Preservatives

Data No. LA818-0699



Conditions

System : GL-7400 HPLC System
Column : MonoClad C18-HS (100 x 3.0 mm I.D.)
Column Cat. No. : 5020-10802
Eluent : A) CH₃CN
 B) 20 mM KH₂PO₄
 A/B = 10/90 – 3 min - 70/30, v/v
Flow Rate : 2.4 mL/min
Col. Temp. : UV 230 nm (GL-7450 UV Detector)
Detection : 40 °C
Injection Vol. : 1 µL

Analyte

1. Ascorbic acid	(0.5 mg/mL)
2. <i>p</i> -Hydroxybenzoic acid	(0.9 mg/mL)
3. Benzoic acid	(0.13 mg/mL)
4. Sorbic acid	(0.13 mg/mL)
5. Dehydroacetic acid	(0.13 mg/mL)
6. Ethyl- <i>p</i> -hydroxybenzoate	(1.3 mg/mL)
7. Propyl- <i>p</i> -hydroxybenzoate	(1.3 mg/mL)
8. Butyl- <i>p</i> -hydroxybenzoate	(1.3 mg/mL)