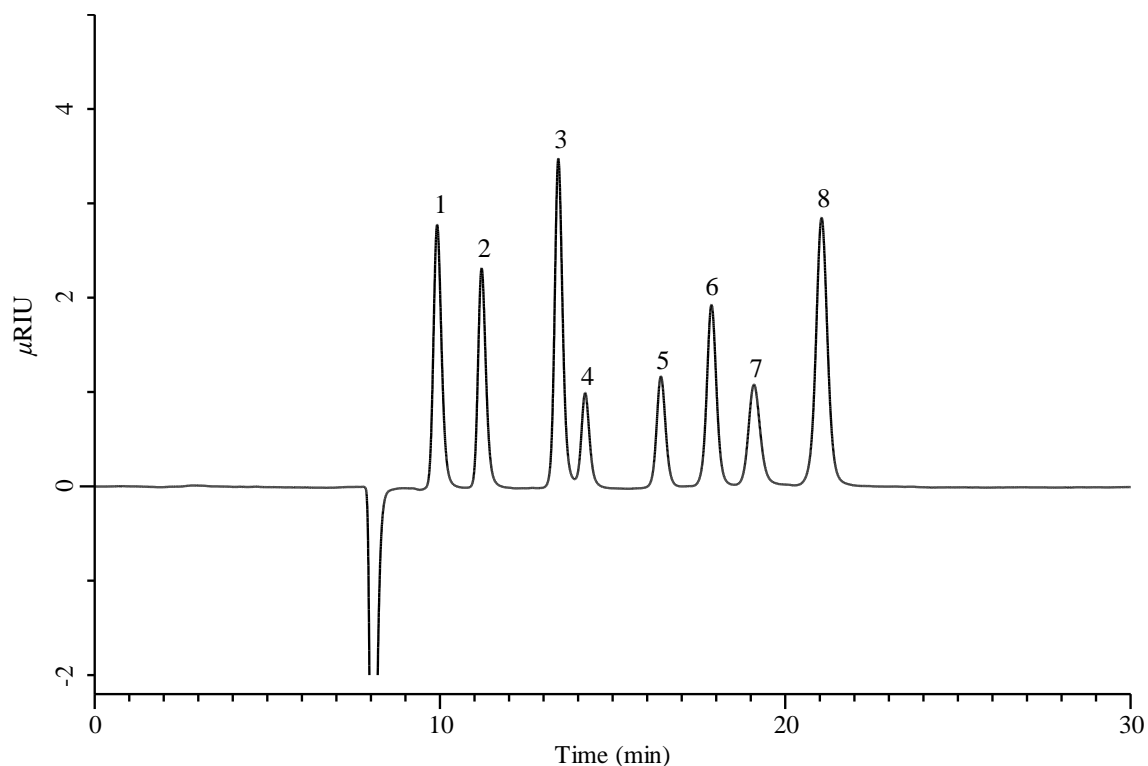


Analysis of Organic acid, Sugar, Aldehyde and Alcohol



Conditions

System : Chromaster HPLC system (HITACHI)
Column : InertSustain Phenyl (GL Sciences Inc.)
 (5 μ m, 150 x 4.6 mm I.D.)
 InertSphere FA-1 (GL Sciences Inc.)
 (9 μ m, 300 x 7.8 mm I.D.)
Column Cat. No. : 5020-16327 + 5020-11003
Eluent : 9 mM HClO₄ in H₂O
Flow Rate : 0.8 mL/min
Col. Temp. : 35 °C
Detection : RI
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. Glucose	250 mg/L
2. Malic acid	250 mg/L
3. Formaldehyde	0.04 %
4. Formic acid	250 mg/L
5. Acetic acid	250 mg/L
6. Methanol	0.2 %
7. Acetaldehyde	0.5 %
8. Ethanol	0.1 %