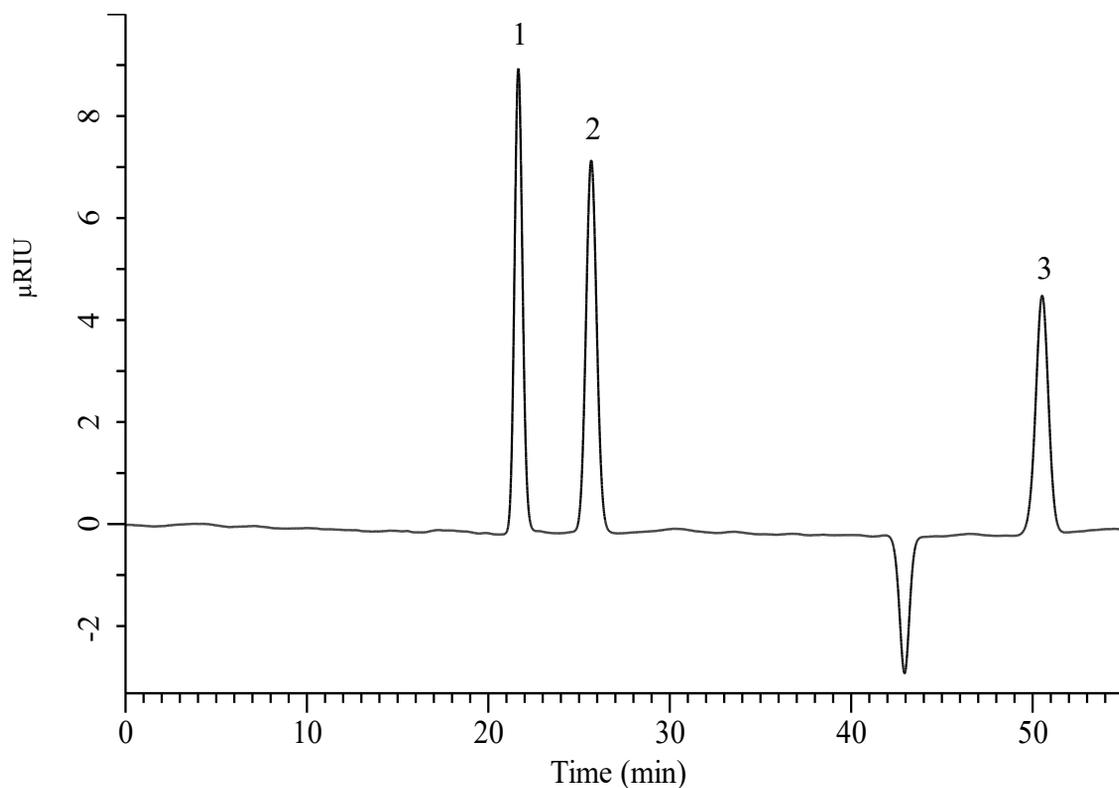


Analysis of Sugars and Ethylene glycol



Conditions

System : Chromaster PLUS (HITACHI)
Column : InertSphere Sugar-2 (GL Sciences Inc.)
 (9 μm , 300 x 7.8 mm I.D.) x 2
Column Cat. No. : 5020-11000
Eluent : H_2O
Flow Rate : 0.5 mL/min
Col. Temp. : 80 $^\circ\text{C}$
Detection : RI (Chromaster 5450 RI)
Injection Vol. : 10 μL
Sample : Standard in H_2O

Analyte:

1. Maltose 1 mg/mL
 2. Glucose 1 mg/mL
 3. Ethylene glycol 1 mg/mL

Resolution (1,2) : 4.2

Number of theoretical plates of
 1 : 11274
 2 : 9074
 3 : 24012