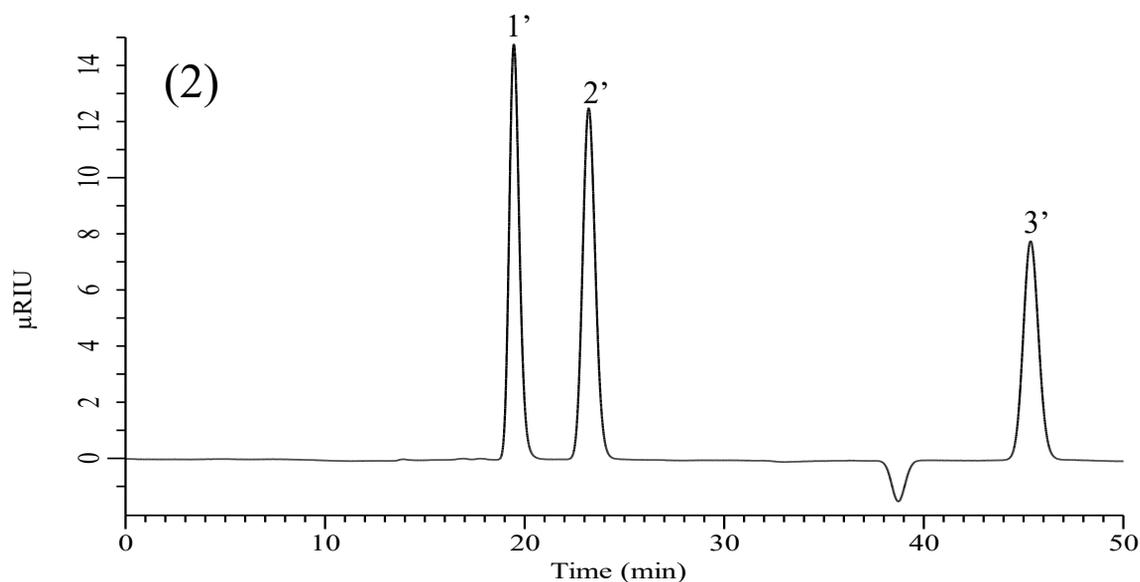
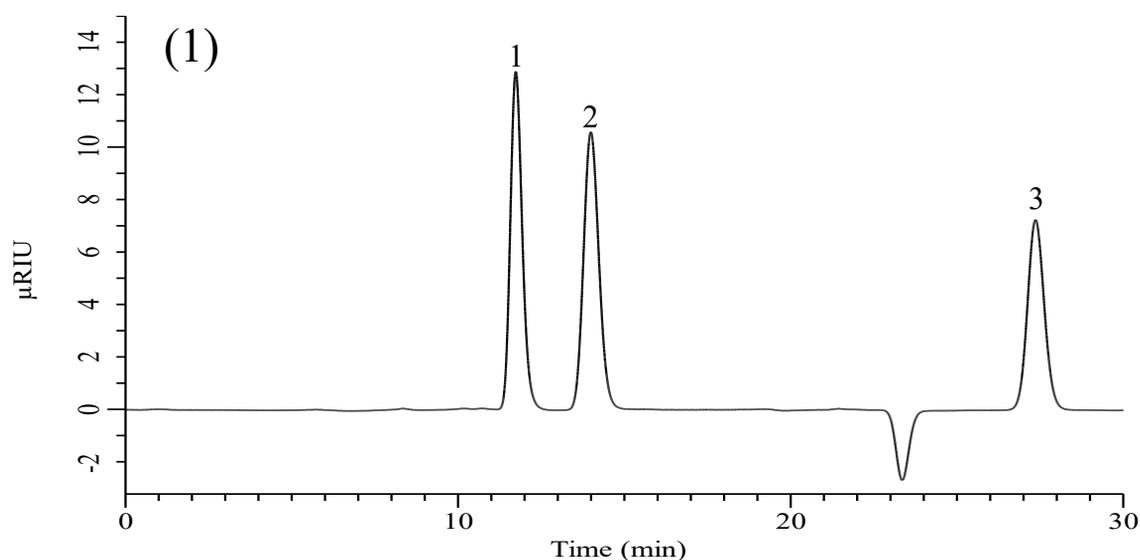


Analysis of Sugars and Ethylene glycol



Conditions

System : Chromaster PLUS (HITACHI)
Guard Column : InertSphere Sugar-2 (GL Sciences Inc.)
 (9 μm, 50 x 6.0 mm I.D.)
Column Cat. No. : 5020-10999
Column : InertSphere Sugar-2 (GL Sciences Inc.)
 (9 μm, 300 x 7.8 mm I.D.)
Column Cat. No. : 5020-11000
Eluent : H₂O
Flow Rate (1) : 0.5 mL/min
Flow Rate (2) : 0.3 mL/min
Col. Temp. : 80 °C
Detection : RI (Chromaster 5450 RI)
Injection Vol. : 10 μL
Sample : Standard in H₂O

Analyte:

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

Resolution (1,2)	: 3.0
Resolution (1',2')	: 3.5

Number of theoretical plates of

1	: 5234
1'	: 6830
2	: 4333
2'	: 6097
3	: 13939
3'	: 15755