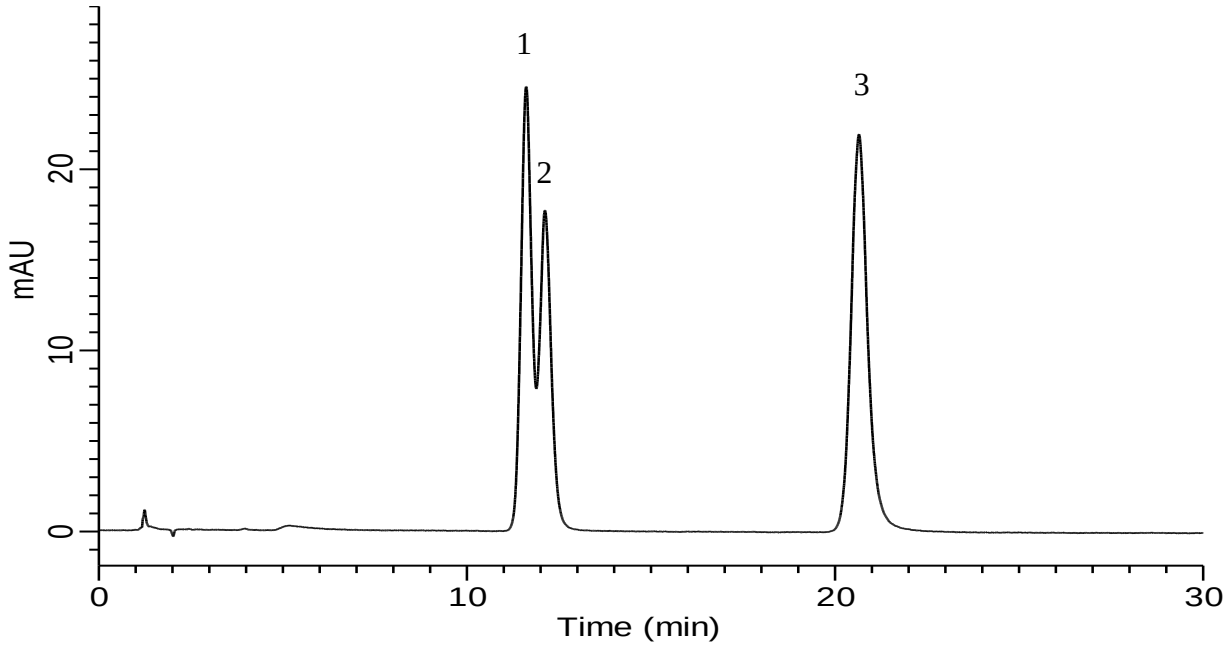
Analysis of Nucleotide sugars



Conditions

Column : InertSustain Amide
(1.9 μm, 150 x 2.1 mm I.D., Metal-free hardware)
Column Cat. No. : 5020-
Eluent : A) CH_3CN
B) 50 mM $HCOONH_4$ + 0.1% HCOOH in H_2O
A/B = 75/25, v/v
Flow rate : 0.3 mL/min
Col. Temp. : 40 ℃
Detection : UV 254 nm
Injection Vol. : 0.5 μL
Sample : Standard

Analyte:

1. Uridine diphosphate glucose (UDP-Glc) 500 mg/L
2. Uridine diphosphate galactose (UDP-Gal) 500 mg/L
3. Guanosine diphosphate mannose (GDP-Man) 500 mg/L