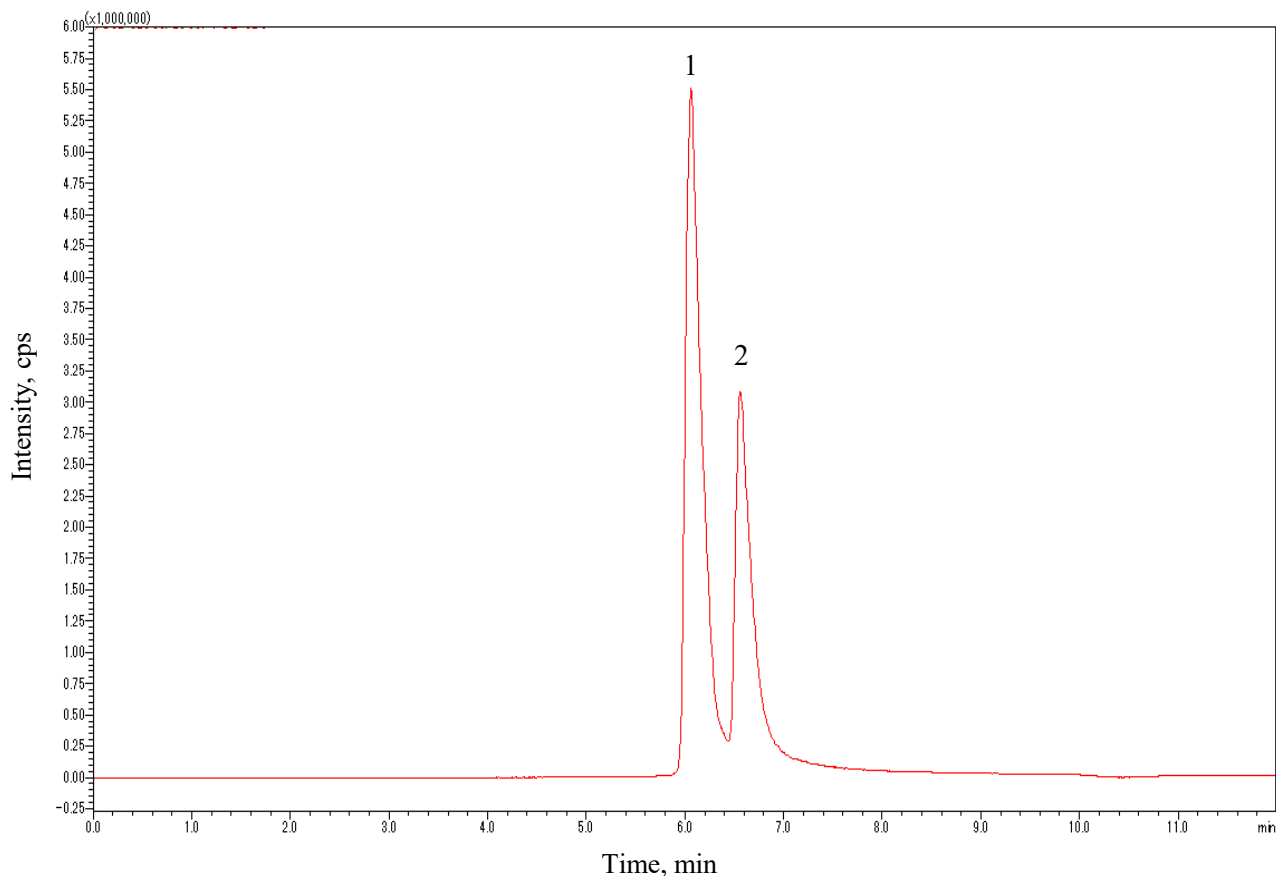


## Analysis of Sugar Phosphates



### Conditions

**Column** : Inertsil Hybrid-Z HILIC  
(1.7  $\mu\text{m}$ , 150  $\times$  2.1 mm I.D, Metal free hardware)  
**Column Cat. No.** : 5020-76224  
**Eluent** : A)  $\text{CH}_3\text{CN}$   
B) 20 mM  $\text{NH}_4\text{HCO}_3$  in  $\text{H}_2\text{O}$

### Analyte

Q1 / Q3  
1. Glucose-1-Phosphate 259.0 / 97.0  
2. Glucose-6-Phosphate 259.0 / 97.0  
(1  $\mu\text{g}$  / mL of each)

| Time (min) | A (Vol. %) | B (Vol. %) |
|------------|------------|------------|
| 0          | 85         | 15         |
| 10         | 40         | 60         |
| 12         | 40         | 60         |

**Flow Rate** : 0.3 mL/min  
**Col. Temp.** : 40  $^{\circ}\text{C}$   
**Detection** : MS/MS (ESI, Negative, MRM )  
**Injection Vol.** : 5  $\mu\text{L}$