

## ASMS 2016 Poster Figure 2\_ULQ of Vitamin B1 and B6 in WB

**Column:** Gemini® 5 µm C18 110 Å, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4435-E0

**Elution Type:** Gradient

**Eluent A:** 10 mM NH<sub>4</sub>HCO<sub>3</sub> pH 8.8

**Eluent B:** MeOH

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0.01       | 100   | 0     |
|                   | 2        | 1.5        | 100   | 0     |
|                   | 3        | 5          | 40    | 60    |
|                   | 4        | 6.5        | 40    | 60    |
|                   | 5        | 6.51       | 100   | 0     |
|                   | 6        | 9          | 100   | 0     |

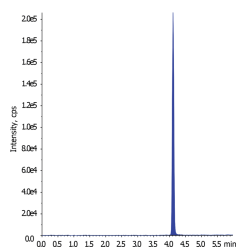
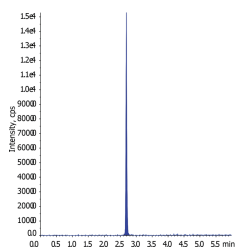
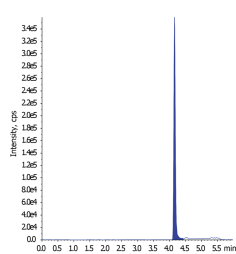
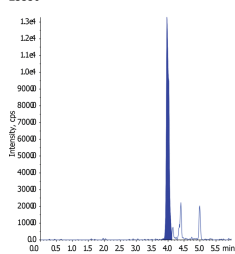
**Flow Rate:** 600 µL/min

**Col. Temp.:** ambient

**Detection:** Tandem Mass Spec (MS-MS) @ (600 °C)

**Detector Info:** <a target="\_blank"

23550



Products used in this application:



### ANALYTES:

- 1 Pyridoxal 5-phosphate (PLP)  
Retention Time: 2.7 min
- 2 Thiamine Diphosphate (TDP)  
Retention Time: 4 min
- 3 Pyridoxine D2  
Retention Time: 4.12 min
- 4 Thiamine 13C4  
Retention Time: 4.19 min

