

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 NH₄HCO₃ 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 |

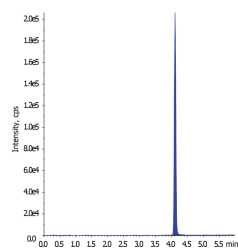
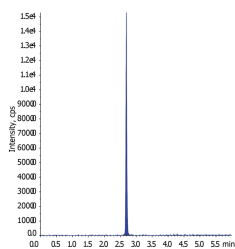
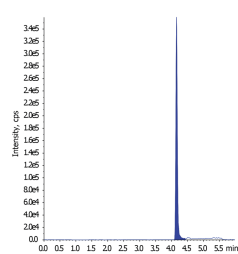
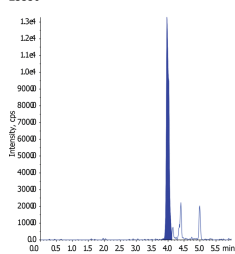
Flow Rate: 600 µL/min

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

