

ASMS 2016 Poster Figure 1_LLOQ 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

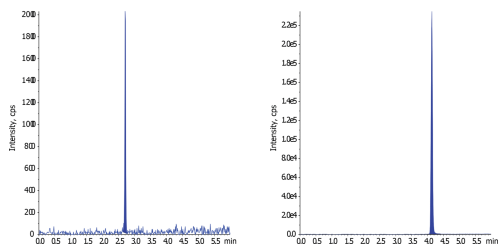
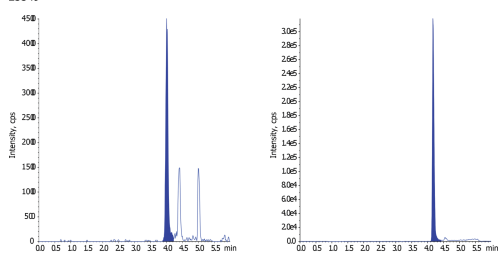
Flow Rate: 600 µL/min

Col. Temp.: ambient

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

Detector Info: <a target="_blank"

23549



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

