

## 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 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

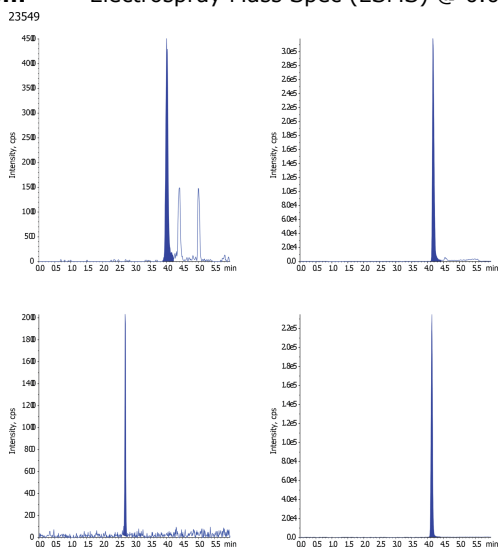
**Flow Rate:** 600

**Col. Temp.:** ambient

**Detection:** Electrospray Mass Spec (ESMS) @ 0.000000000 (600 °C)



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

