

## Vitamin B2 and B3 Extracted from Human Serum

**Column:** Luna® Omega 3 µm Polar C18 100 Å, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4760-E0

**Elution Type:** Gradient

**Eluent A:** 10 mM Ammonium formate/w 0.1%FA

**Eluent B:** 0.1% FA in Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0.01       | 98    | 2     |
|                   | 2        | 0.5        | 98    | 2     |
|                   | 3        | 3          | 10    | 90    |
|                   | 4        | 3.5        | 10    | 90    |
|                   | 5        | 3.51       | 98    | 2     |
|                   | 6        | 5          | 98    | 2     |

**Flow Rate:** 750 µL/min

**Col. Temp.:** 21 °C

**Detection:** Tandem Mass Spec (MS-MS) @ (650 °C)

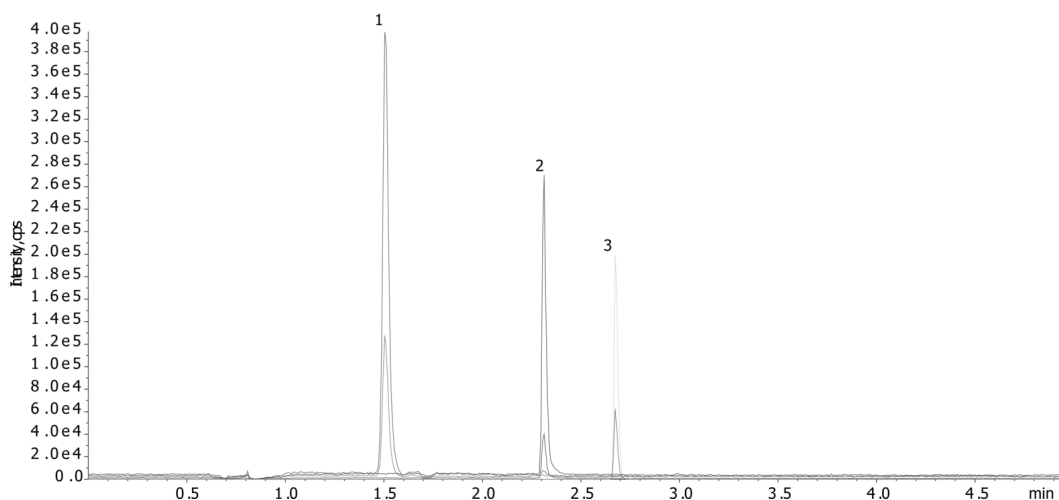
**Detector Info:** <a target="\_blank"

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href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX<



Products used in this application:



### ANALYTES:

- 1** Nicotinic acid  
Retention Time: 1.48 min
- 2** Nicotinamide  
Retention Time: 2.31 min
- 3** Riboflavin  
Retention Time: 2.68 min

