

## 25-OH Vitamin D2 and D3 Control from Serum on Kinetex 2.6µm C18 after PPT

**Column:** Kinetex® 2.6 µm C18 100 Å, LC Column 50 x 4.6 mm, Ea  
**Dimensions:** 50 x 4.6 mm ID  
**Order No:** 00B-4462-E0  
**Elution Type:** Gradient  
**Eluent A:** 0.05 % Formic acid  
**Eluent B:** 5 mM Ammonium acetate + 0.1 % Formic acid in methanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 92    | 8     |
|                   | 2        | 0.08       | 92    | 8     |
|                   | 3        | 3.4        | 0     | 100   |
|                   | 4        | 4.8        | 0     | 100   |
|                   | 5        | 6          | 92    | 8     |

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

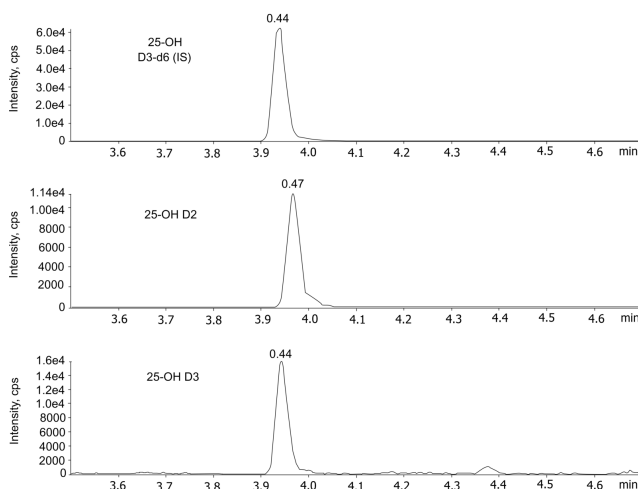
**Detection:** Mass Spectrometer (MS) @ amu (ambient)

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

19314="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 25-Hydroxy vitamin D3 (25-OH D3)  
Retention Time: 0.44 min
- 2 25-Hydroxy vitamin D3-d6 (25-OH D3-d6)  
Retention Time: 0.44 min
- 3 25-Hydroxy vitamin D2 (25-OH D2)  
Retention Time: 0.47 min

