

HPLC Application

ID No.: 19313

25-OH Vitamin D2 and D3 Standards 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 | 5 | 92 | 8 |
| | 3 | 205 | 0 | 100 |
| | 4 | 290 | 0 | 100 |
| | 5 | 360 | 92 | 8 |

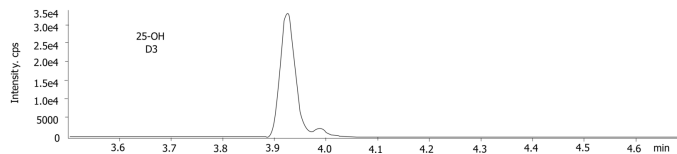
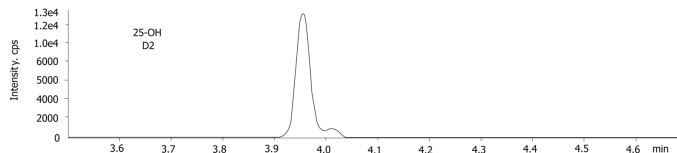
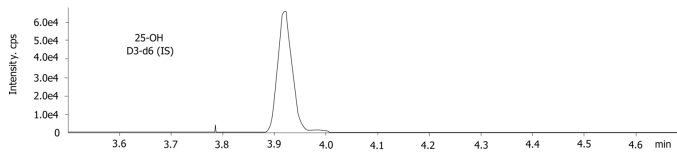
Flow Rate: 1 mL/min

Col. Temp.: ambient

Detection: Mass Spectrometer (MS) @ amu (450 °C)

Detector Info: SCIE<

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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

