

HPLC Application

ID No.: 19316

25-OH Vitamin D2 and D3 Control from Serum on Fully Porous 5µm C18 after PPT

Column: Luna® 5 µm C18(2) 100 Å, LC Column 50 x 2 mm, Ea
Dimensions: 50 x 2 mm ID
Order No: 00B-4252-B0
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.: 35 °C

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

Detector Info: <a target="_blank"

Analyst Note: href="https://sciex.com/products/mass-spectrometers?utm_campaign=2019%20application%20search&utm_source=phenomenex&utm_medium=referral">SCIE
SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 2.0mm ID, 10/Pk Part No.: AJ0-4286

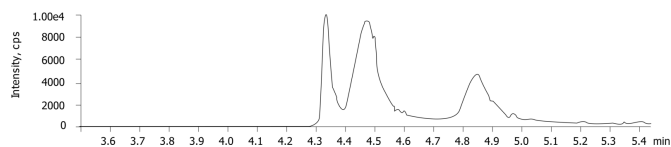
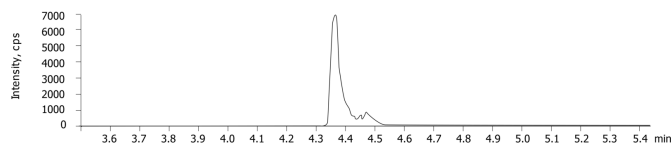
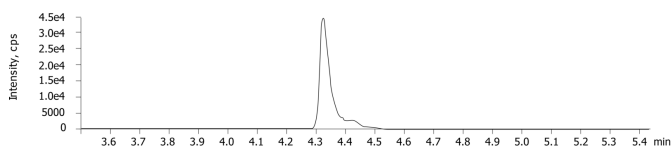
- Holder Part No.: KJ0-4282



Products used in this application:



19316



ANALYTES:

- 1 25-Hydroxy vitamin D2 (25-OH D2)
Retention Time: 0.83 min
- 2 25-Hydroxy vitamin D3-d6 (25-OH D3-d6)
Retention Time: 0.83 min
- 3 25-Hydroxy vitamin D2 (25-OH D2)
Retention Time: 0.86 min

