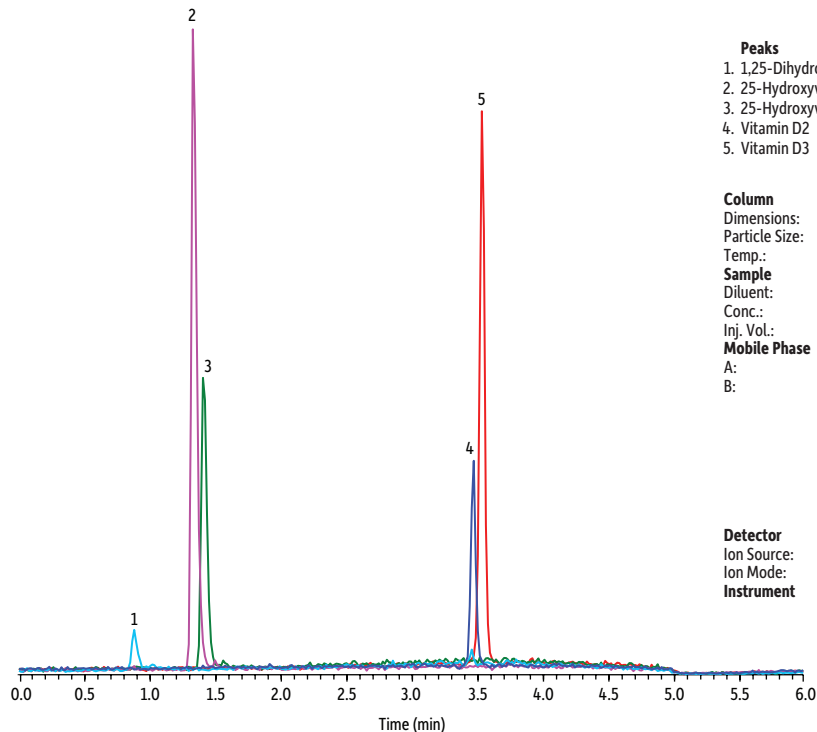


Vitamin D Metabolites on Raptor™ ARC-18 by LC-MS/MS



LC_CF0586

Peaks	tr _r (min)	Conc. (ng/mL)	Q1	Q3
1. 1,25-Dihydroxyvitamin D3	0.88	200	399.4	381.5
2. 25-Hydroxyvitamin D3	1.33	200	401.5	383.5
3. 25-Hydroxyvitamin D2	1.41	200	413.5	395.5
4. Vitamin D2	3.47	200	397.5	379.6
5. Vitamin D3	3.53	200	385.5	367.5

Column Raptor™ ARC-18 (cat.# 9314A12)

Dimensions: 100 mm x 2.1 mm ID

Particle Size: 2.7 μm

Temp.: 40 °C

Sample

Diluent: Methanol

Conc.: 200 ng/mL

Inj. Vol.: 5 μL

Mobile Phase

A: 0.1% Formic acid + 5 mM ammonium formate in water

B: 0.1% Formic acid + 5 mM ammonium formate in methanol

Time (min)	Flow (mL/min)	%A	%B
0.00	0.5	10	90
4.00	0.5	0	100
4.01	0.5	10	90
6.00	0.5	10	90

Detector ABSciex API 4000

Ion Source: TurbolonSpray®

Ion Mode: ESI+

Instrument Applied Biosystems/MDS Sciex LC-MS/MS System