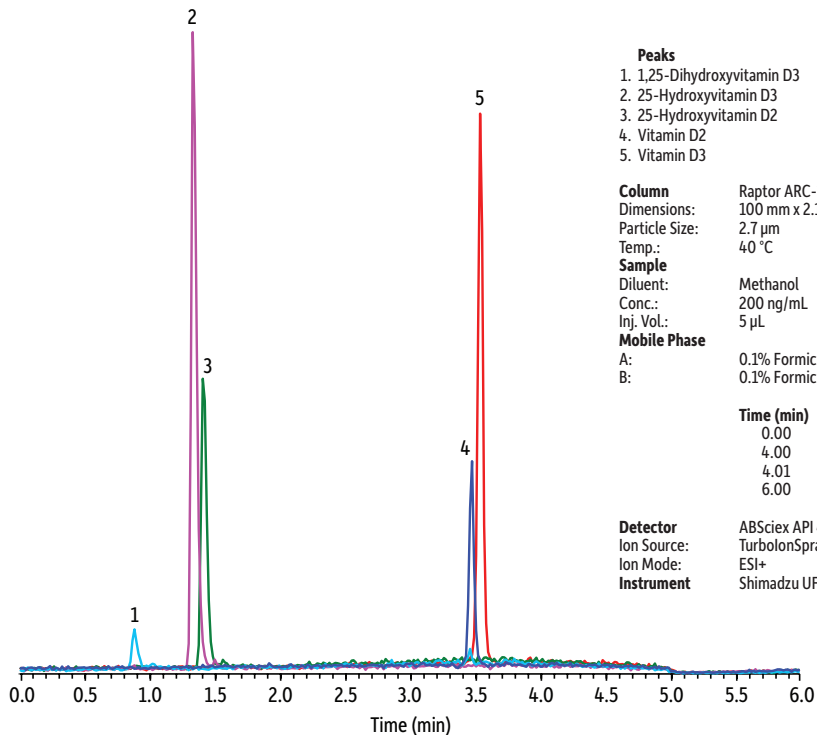


# Vitamin D Metabolites on Raptor ARC-18 by LC-MS/MS



LC\_CF0586

Peaks	tr (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** Shimadzu UFLCXR

