

Vitamin D on
 Ultra Aqueous C18 (LC/MS/MS)



Sample:
 Inj.: 20µL
 Conc.: extracted serum sample

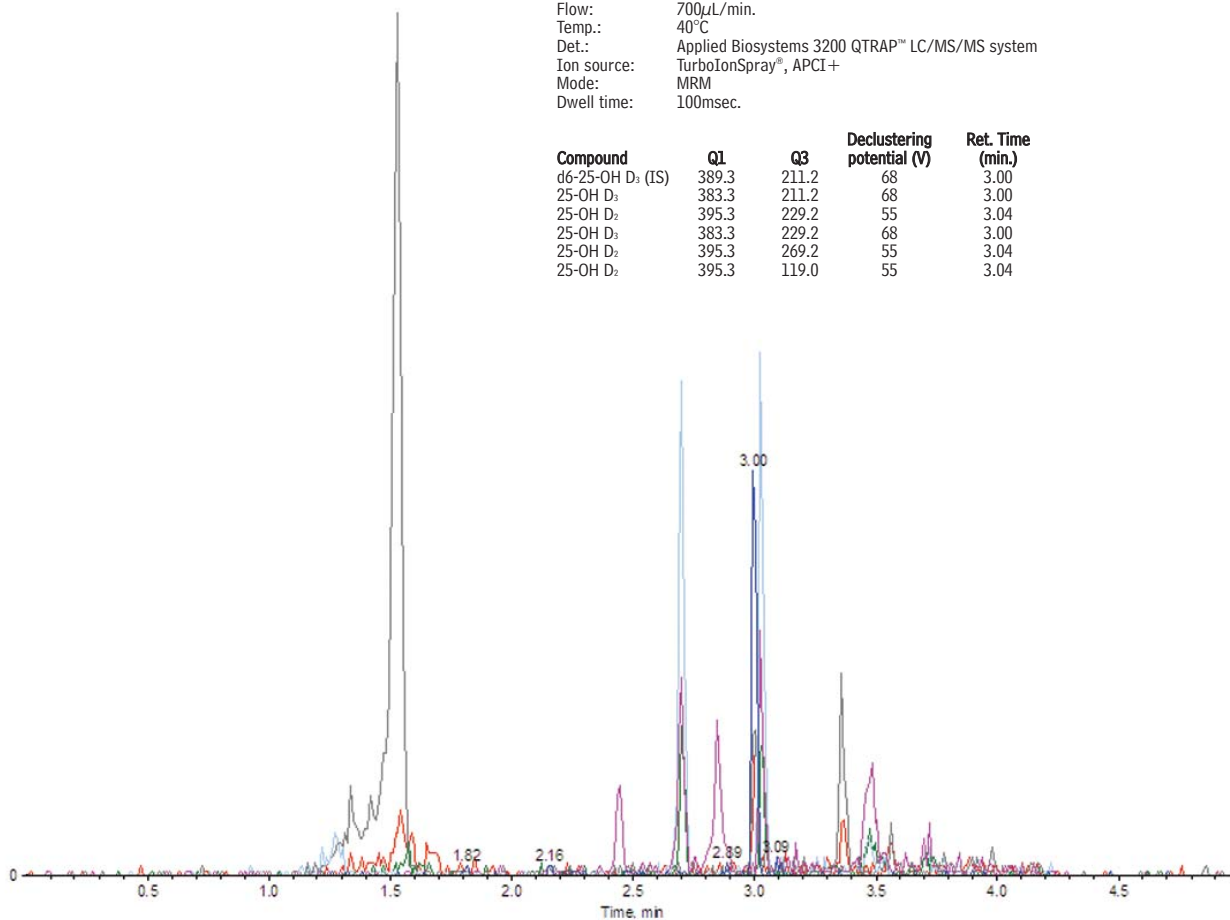
Column: Ultra Aqueous C18
 Cat.#: 9178352
 Dimensions: 50mm x 2.1mm
 Particle size: 3µm
 Pore size: 100Å

Conditions:
 Instrument: Shimadzu Prominence® UFLCxR
 Mobile phase: A: 0.1% formic acid in water
 B: 0.1% formic acid in methanol


Time (min.)	%B
0.00	50
2.5	100
3.5	100
3.6	50
5.00	50

Flow: 700µL/min.
 Temp.: 40°C
 Det.: Applied Biosystems 3200 QTRAP™ LC/MS/MS system
 Ion source: TurboIonSpray®, APCI+
 Mode: MRM
 Dwell time: 100msec.

Compound	Q1	Q3	Decustering potential (V)	Ret. Time (min.)
d6-25-OH D ₃ (IS)	389.3	211.2	68	3.00
25-OH D ₃	383.3	211.2	68	3.00
25-OH D ₂	395.3	229.2	55	3.04
25-OH D ₃	383.3	229.2	68	3.00
25-OH D ₂	395.3	269.2	55	3.04
25-OH D ₂	395.3	119.0	55	3.04



LC_CF0492



for **more** info

Visit www.restek.com/cat003 to view our "5 Minute Analysis of Vitamin D in Serum by LC/MS/MS" article.