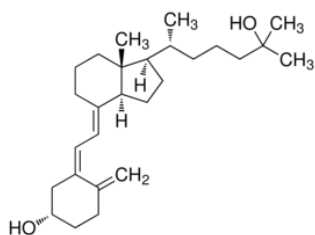
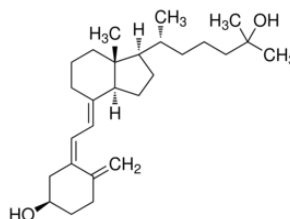


Matrix Polychrome HPLC Column

Chemicals:



25-OH Vitamin D₃



3-epi-25-OH Vitamin D₃

HPLC Condition:

Column: Matrix Polychrome HPLC column 4.6x50 mm, 5 μm.

Part number: R5BI-968

Mobile phase: 88% Methanol (15 mM Ammonium Acetate, 0.1% Formic acid):12% water (15 mM Ammonium Acetate, 0.1% formic acid)

Flow rate: 0.3 mL/min

Injection volume: 20 μL

MS/MS CONDITIONS:

Mass spectrometer: API3000

Ion source: Turbo Spray (ESI)

Polarity: Positive

Scan mode: MRM: 25HvitD3: Q1:

401.3; Q3: 383.3

3-epi-25HvitD3: Q1: 401.3; Q3:

383.3

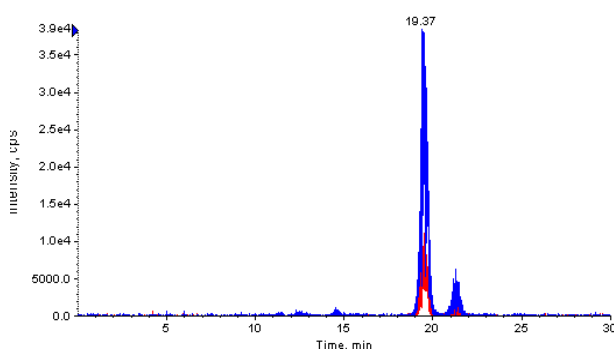
ISV: 4500

Temp: 200

DP: 15

CAD: 12

CE: 15



mass chromatogram of test mixture

25-OH Vitamin D ₃	19.4 min
3-epi-25-OH Vitamin D ₃	21.3 min