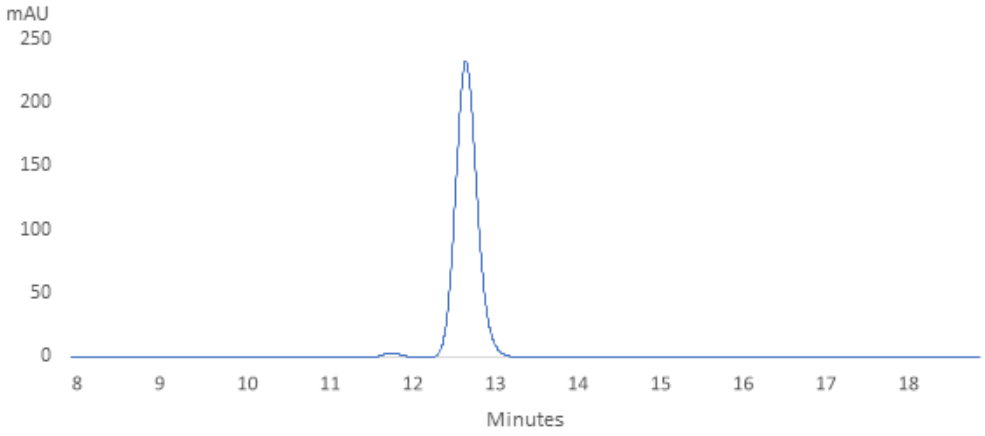
Cholecalciferol

Experimental

Column:	SVEA C18 Gold, 5 µm 110 Å 4.6 x 150 mm
Instrument:	HPLC
Mobile phase:	Solvent A- 60 % Acetonitrile; Solvent B- 40 % Methanol
Gradient:	5% A at 0 min; 40% A at 15 min; 5% A at 16 min; 5% A at 30 minutes
Flow rate:	1.0 mL/min
Injection volume:	10 µl
Column temperature:	25 °C
Detector:	UV 254 nm
Sample:	100 µl Cholecalciferol in 900 µl Methanol



Performance
Retention time = 12.8
USP Tailing = 1.12
Theoretical plate number = 76113
Area under curve = 4310.9897