

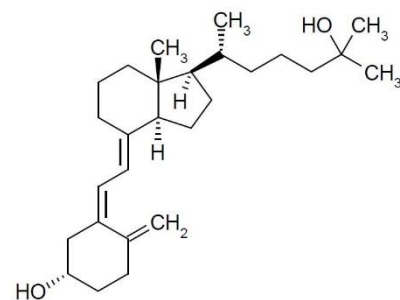
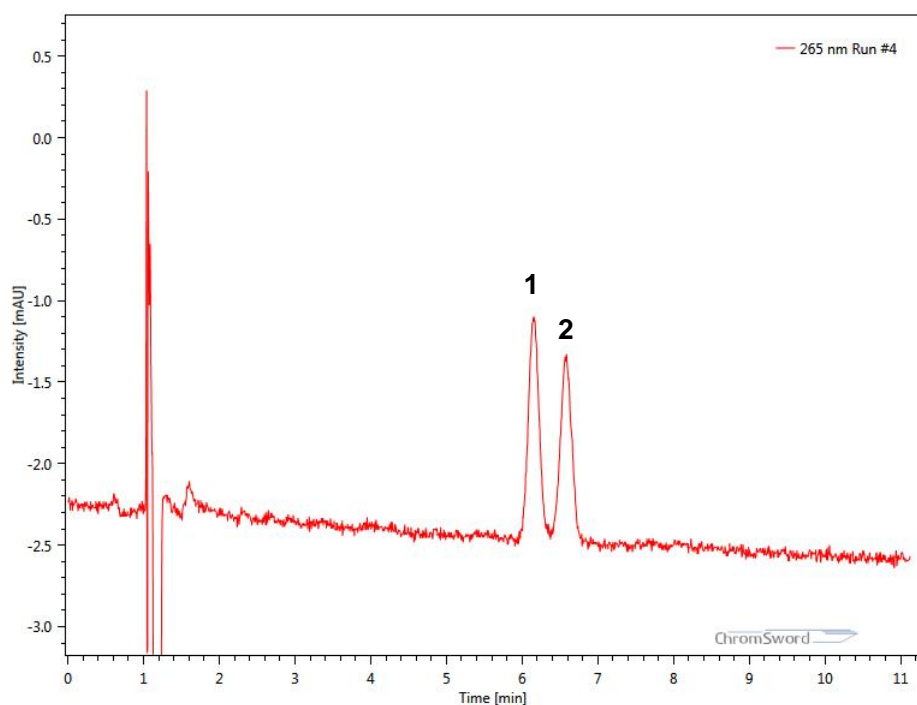
Separation of 25-Hydroxy Vitamin D3 Epimers

ACE[®]
Ultra-inert
UHPLC & HPLC Columns

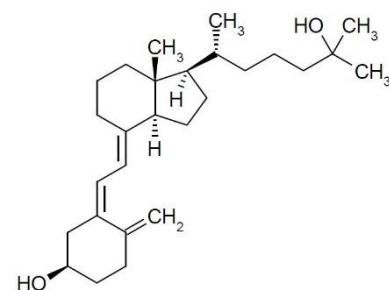
Application #AN4950

Conditions

Column:	ACE Excel 3 C18-PFP
Dimensions:	50 x 4.6 mm
Part Number:	EXL-1110-0546U
Mobile Phase:	MeOH:H ₂ O 83:17 + 0.1% formic acid
Flow Rate:	1 mL/min
Injection:	10 µL
Temperature:	22 °C
Detection:	UV, 265 nm
Instrument:	ChromasterUltra Rs
Sample:	0.25 µg/mL of 25-hydroxy vitamin D3 and 3-epi-25-hydroxy vitamin D3



1. 25-hydroxy vitamin D3



2. 3-epi-25-hydroxy vitamin D3