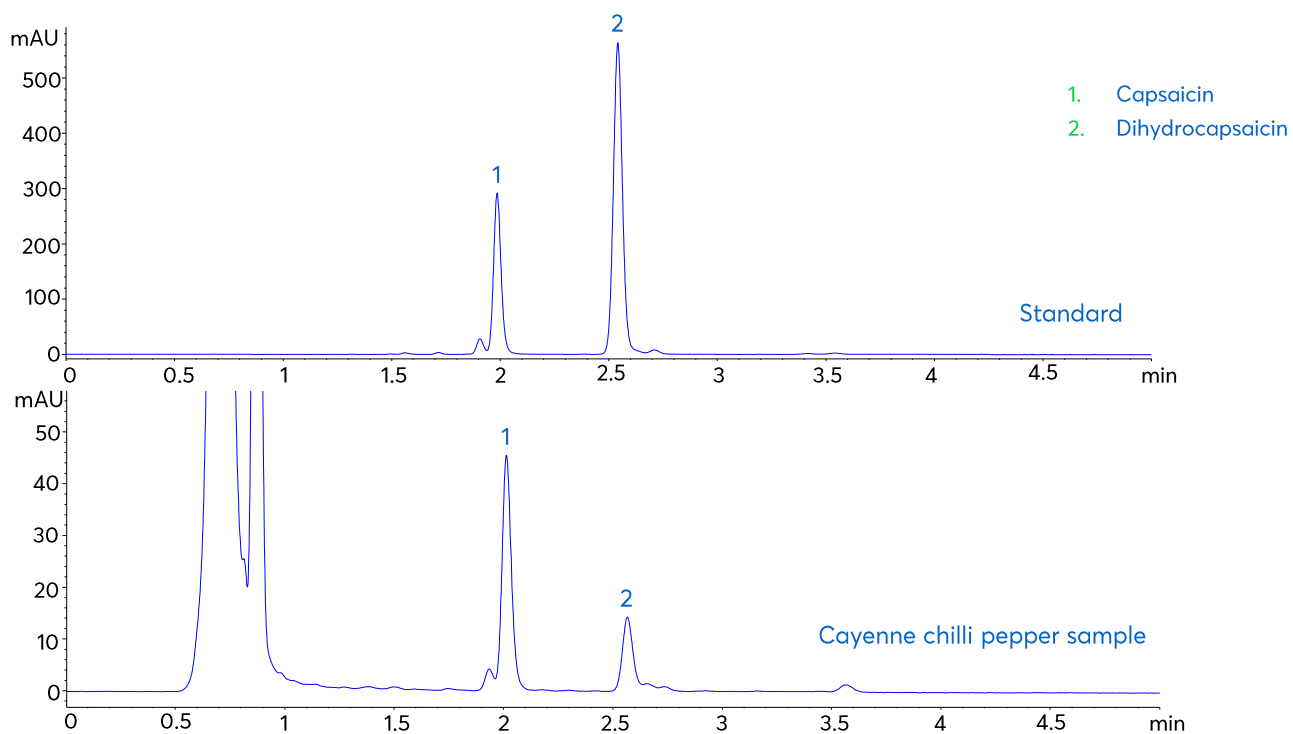


Application note #6890

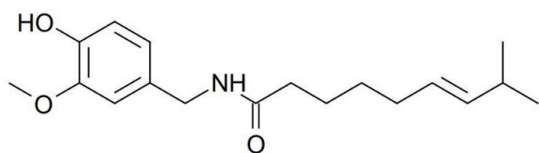
Capsaicinoids



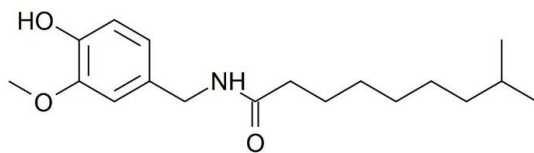
Method Details

CONDITIONS

Column:	Avantor® ACE® Excel® 2 C18
Particle Size:	2 µm
Dimensions:	100 x 3.0 mm
Mobile Phase:	0.1% H ₃ PO ₄ in 60:40 MeCN/H ₂ O
Flow Rate:	0.6 mL/min
Injection:	1 µL
Temperature:	40 °C
Detection:	UV, 220 nm
Sample Preparation:	Extraction with 10 mL ethanol Sonication for 20 minutes Centrifugation for 10 minutes at 6,000 RPM Filtration with 0.45 µm Whatman Mini-UniPrep syringeless filter vial



Capsaicin



Dihydrocapsaicin

ORDERING TABLE

Product	Details	Size	Part Number
Avantor® ACE® Excel® 2 C18	UHPLC Column	100 x 3.0 mm	EXL-101-1003U
Acetonitrile	VWR CHROMANORM® super gradient grade	2.5 L	83639.320
Water	VWR CHROMANORM® gradient grade	2.5 L	83650.320
Orthophosphoric acid 85%	VWR NORMAPUR® analytical reagent	500 mL	20624.262