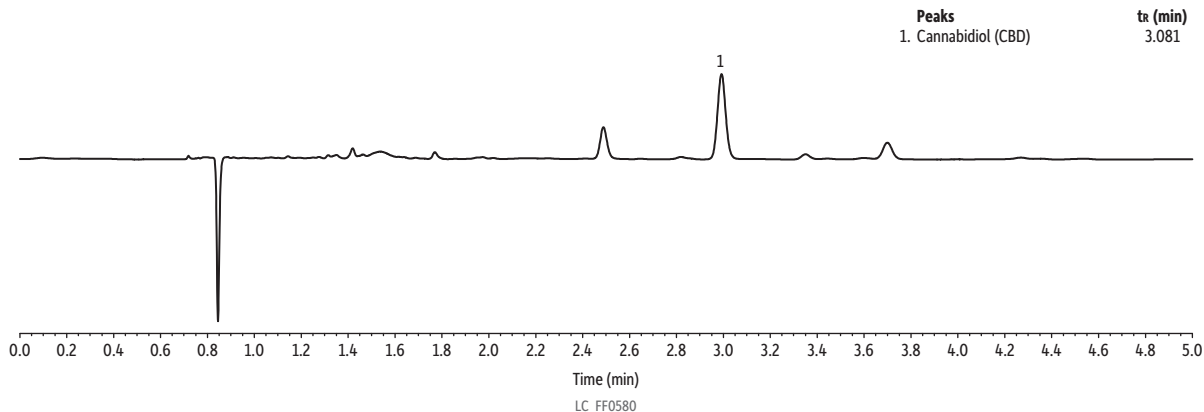


CBD-Infused Cream on Raptor ARC-18 by UHPLC



Column Raptor ARC-18 (cat.# 9314A65)
Dimensions: 150 mm x 4.6 mm ID
Particle Size: 2.7 µm
Pore Size: 90 Å
Guard Column: Raptor ARC-18 EXP guard column cartridge 5 mm, 4.6 mm ID, 2.7 µm (cat.# 9314A0250)
Temp.: 30 °C
Standard/Sample CBD-infused cream sample
Diluent: Water:acetonitrile (25:75)
Inj. Vol.: 5 µL
Mobile Phase
A: Water, 5 mM ammonium formate, 0.1% formic acid
B: Acetonitrile, 0.1% formic acid

Time (min)	Flow (mL/min)	%A	%B
0.0	1.5	25	75
5.0	1.5	25	75

Max Pressure: 4000 bar
Detector UV/Vis @ 228 nm
Instrument UHPLC
Sample Preparation 0.5 g of sample was weighed into a 50 mL centrifuge tube. 5 mL of methanol:methyl *tert*-butyl ether (50:50) was added and the sample was vortexed until dissolved as much as possible. Sample was transferred to shaker table and shaken for 5 minutes and then centrifuged for 5 minutes at 3000 rpm. 50 µL of sample was transferred to a vial and the solvent was evaporated with a gentle stream of nitrogen. The sample was reconstituted with water:acetonitrile (25:75) and vortexed for an additional 30 seconds. The sample was filtered using a 0.2 µm Thomson SINGLE STEP standard filter vial (cat.# 25893) prior to analysis.

