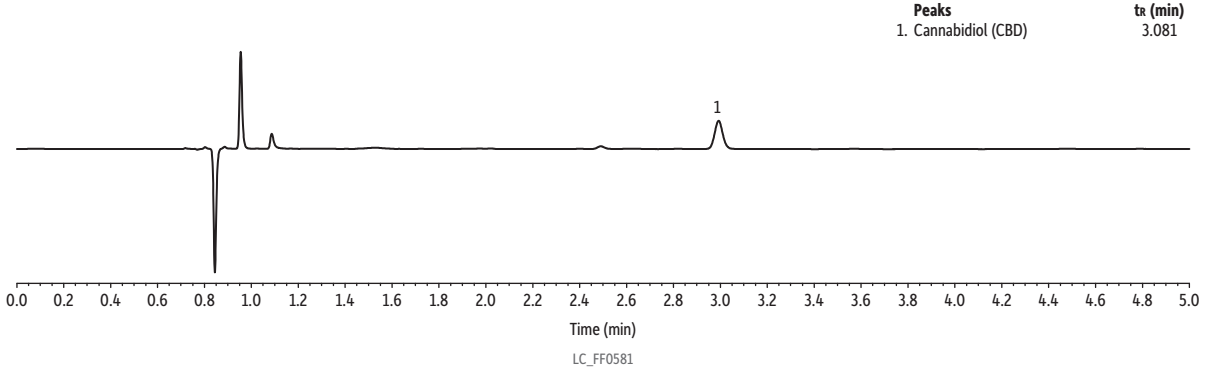
CBD-Infused Lotion on Raptor ARC-18 by UHPLC



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 lotion 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	Waters ACQUITY UPLC H-Class
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.

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