CBD Crumble on Raptor ARC-18 (2.7 µm) by HPLC-UV

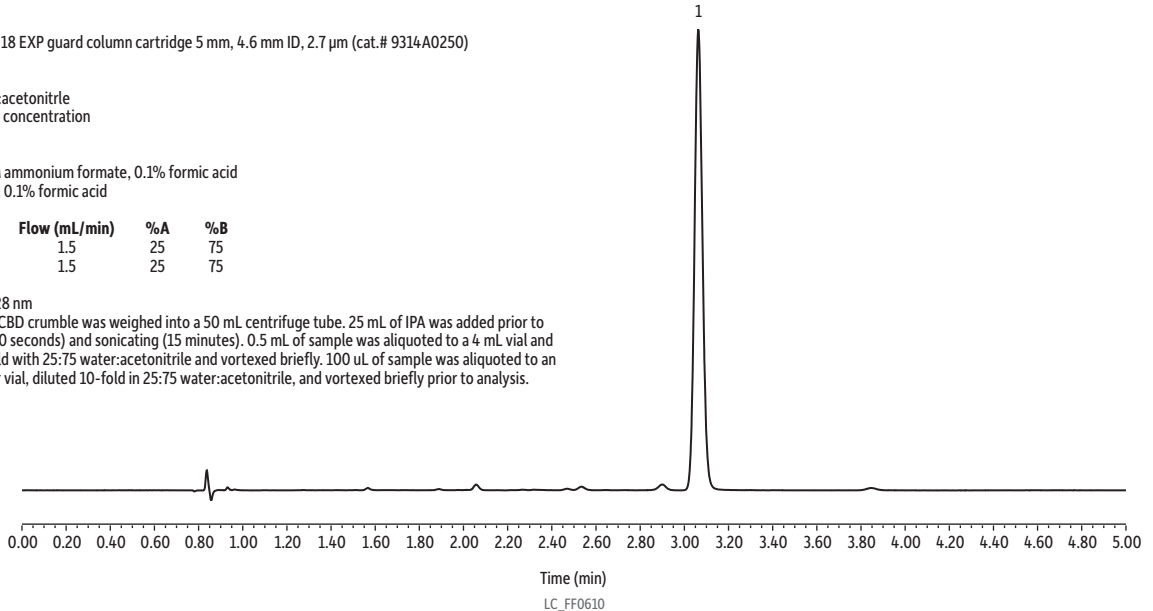
Peaks	t_R (min)
1. Cannabidiol (CBD)	3.063

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
Sample	
Diluent:	25:75 Water:acetonitrle
Conc.:	Endogenous concentration
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
0.00	1.5	25	75
5	1.5	25	75

Detector UV/Vis @ 228 nm

Sample Preparation 0.5 gram of CBD crumble was weighed into a 50 mL centrifuge tube. 25 mL of IPA was added prior to vortexing (30 seconds) and sonicating (15 minutes). 0.5 mL of sample was aliquoted to a 4 mL vial and diluted 8-fold with 25:75 water:acetonitrile and vortexed briefly. 100 uL of sample was aliquoted to an autosampler vial, diluted 10-fold in 25:75 water:acetonitrile, and vortexed briefly prior to analysis.



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