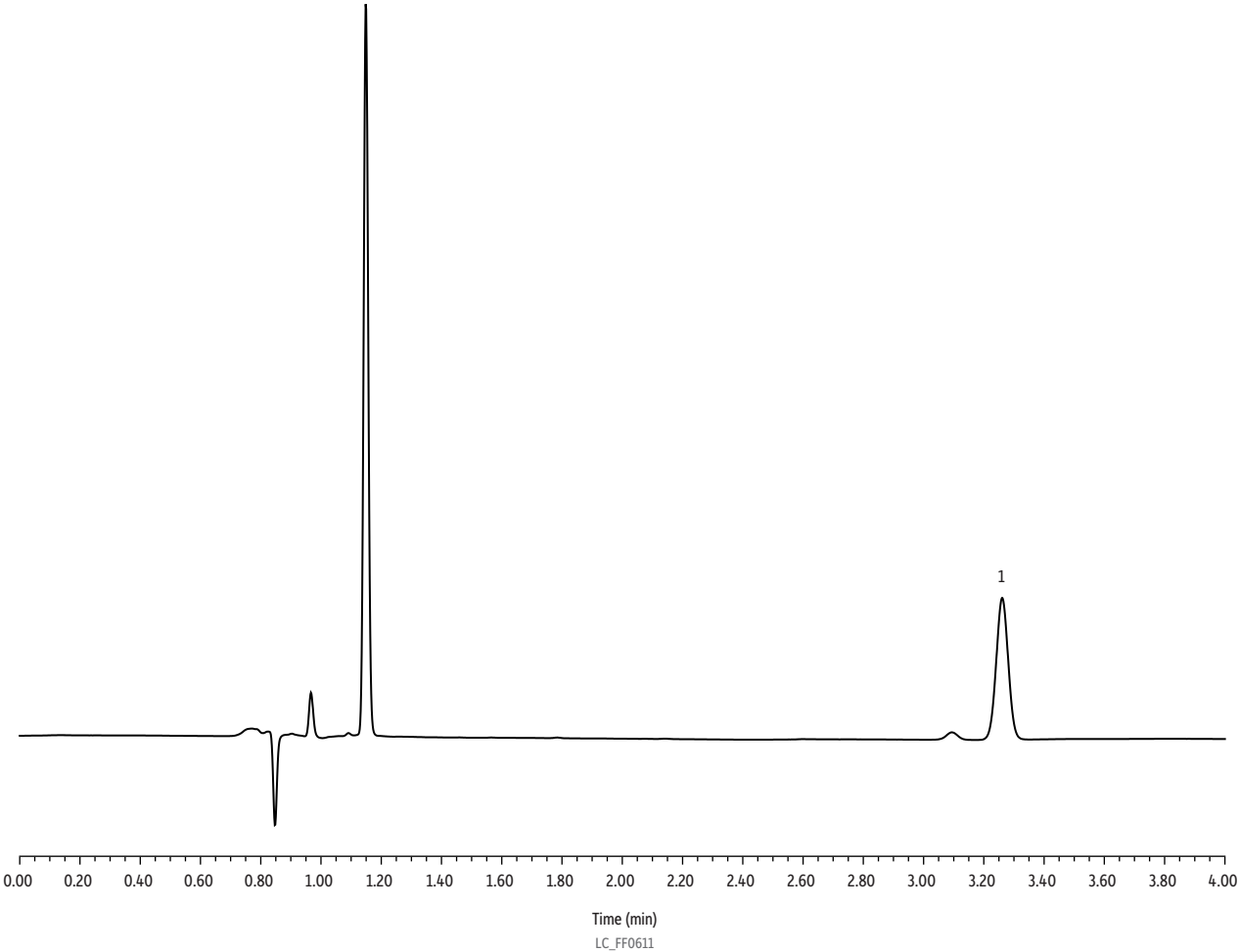


CBD-Infused Beverage on Raptor ARC-18 (2.7 µm) by HPLC-UV



Peaks	tr (min)
1. Cannabidiol (CBD)	3.259

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	
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
4	1.5	25	75

Detector	UV/VIS @ 228 nm
Sample Preparation	Beverage was sonicated for 30 min to remove carbonation. 10 mL of beverage was added to a 50 mL centrifuge tube. 10 mL of acetonitrile was added along with an EN Q-sep QuEChERS salt packet (cat.# 25849), and the sample was shaken by hand for 1 minute and then vortexed for 30 seconds. The sample was transferred to a shaker table and shaken for 10 minutes followed by centrifugation at 4200 rpm for 10 minutes. An aliquot was transferred to an autosampler vial prior to analysis.