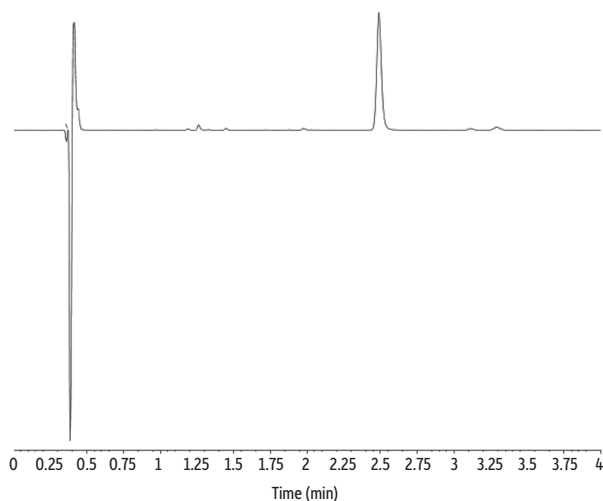


Cannabis Concentrate Sample on Raptor ARC-18 1.8 µm by UHPLC-UV



LC_GN0592

| Peaks | rt (min) |
|-------------------------------------|----------|
| 1. Δ9-Tetrahydrocannabinol (Δ9-THC) | 2.49 |

Column Raptor ARC-18 (cat.# 931421E)
Dimensions: 100 mm x 3.0 mm ID
Particle Size: 1.8 µm
Pore Size: 90 Å
Guard Column: UltraShield UHPLC precolumn filter (cat.# 25809)
Temp.: 30 °C
Standard/Sample
Diluent: 25:75 Water:methanol
Inj. Vol.: 2 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 | 1.0 | 25 | 75 |
| 4.00 | 1.0 | 25 | 75 |

Detector UV/Vis @ 228 nm
Instrument UHPLC

Sample Preparation 20 mg of concentrate was weighed into a 50 mL centrifuge tube. 10 mL of ethanol was added prior to vortexing (5 seconds) and sonicating (5 minutes) over a total of three cycles. The sample was then centrifuged for 5 minutes at 3000 rpm. The supernatant was diluted 50-fold in 25:75 water:methanol, vortexed briefly, and filtered using a 0.2 µm Thomson SINGLE STEP standard filter vial (cat.#: 25893) prior to analysis.