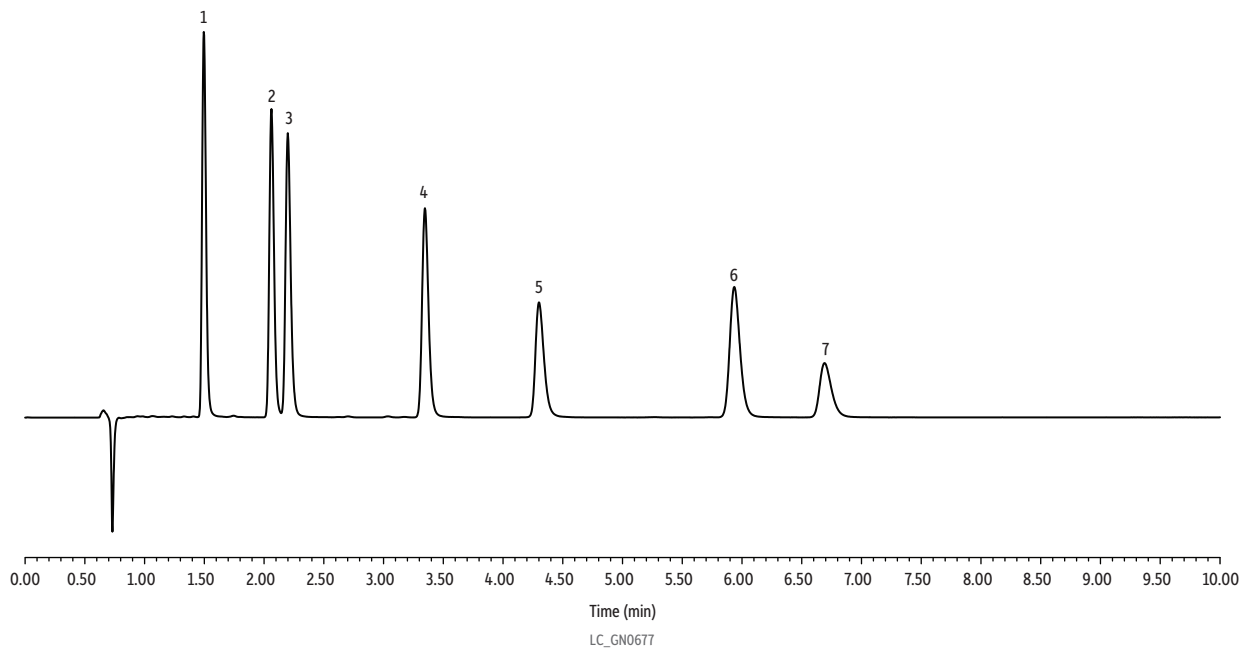


Solvent-Savings Analysis of Cannabinoids Acids 7 Standard on Raptor ARC-18 2.7 µm by LC-UV

- New cannabinoid acids mix for potency testing.
- Simplify lab operations, eliminate preparation errors, and achieve a more comprehensive cannabinoid characterization.



Peaks	tr (min)	Conc. (µg/mL)
1. Cannabidivarinic acid (CBDVA)	1.50	50
2. Cannabidiolic acid (CBDA)	2.06	50
3. Cannabigerolic acid (CBGA)	2.20	50
4. Tetrahydrocannabivarinic acid (THCVA)	3.35	50
5. Cannabinolic acid (CBNA)	4.30	50
6. Tetrahydrocannabinolic acid A (THCA-A)	5.93	50
7. Cannabichromenic acid (CBCA)	6.68	50

Column Raptor ARC-18 (cat.# 9314A62)
 Dimensions: 150 mm x 2.1 mm ID
 Particle Size: 2.7 µm
 Pore Size: 90 Å
 Guard Column: Raptor ARC-18 5 mm, 2.1 mm ID, 2.7 µm (cat.# 9314A0252)
 Temp.: 30 °C

Standard/Sample Cannabinoids acids 7 standard (cat.# 34144)
 Diluent: Acetonitrile
 Conc.: 50 ppm
 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	0.4	25	75
10.00	0.4	25	75

Detector UV/Vis @ 228 nm

Instrument UHPLC

Sample Preparation Standards were aliquoted into 2 mL, screw-thread vials (cat.# 21143) and capped with short-cap, screw-vial closures (cat.# 24498).