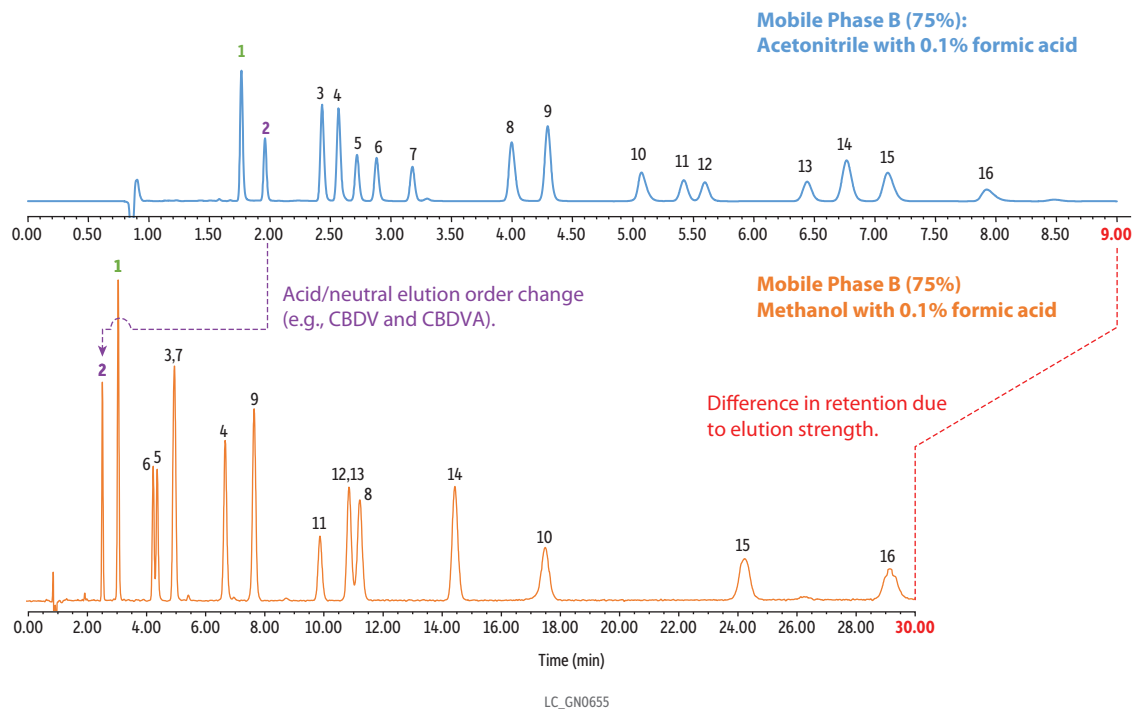


16 Cannabinoids 5 mM AF + 0.1% FA water:0.1% FA Methanol (75%B) on Raptor ARC-18



Peaks	Conc. (µg/mL)	Acetonitrile tr (min)	Methanol tr (min)
1. Cannabidivarinic acid (CBDVA)	50	1.877	3.117
2. Cannabidivarin (CBDV)	50	2.086	2.563
3. Cannabidiolic acid (CBDA)	50	2.592	5.003
4. Cannabigerolic acid (CBGA)	50	2.750	6.678
5. Cannabigerol (CBG)	50	2.912	4.373
6. Cannabidiol (CBD)	50	3.084	4.233
7. Tetrahydrocannabivarin (THCV)	50	3.391	4.904
8. Tetrahydrocannabivarinic acid (THCVA)	50	4.279	11.237
9. Cannabinol (CBN)	50	4.609	7.643
10. Cannabinolic acid (CBNA)	50	5.437	17.535
11. Δ9-Tetrahydrocannabinol (Δ9-THC)	50	5.815	9.866
12. Δ8-Tetrahydrocannabinol (Δ8-THC)	50	6.002	10.747
13. Cannabicyclol (CBL)	50	6.916	10.865
14. Cannabichromene (CBC)	50	7.263	14.387
15. δ-9-Tetrahydrocannabinolic acid-A (THCA-A)	50	7.612	23.975
16. Cannabichromenic acid (CBCA)	50	8.510	28.943

Column Raptor ARC-18 (cat.# 9314A65)
Dimensions: 150 mm x 4.6 mm ID
Particle Size: 2.7 µm
Pore Size: 90 Å
Temp.: 30 °C
Inj. Vol.: 5 µL

Mobile Phase
Flow: 1.5 mL/min
Detector UV/Vis @ 228 nm
Instrument Waters ACQUITY UPLC H-Class
Notes **Mobile Phase Details**

Acetonitrile (top)
A: Water, 5 mM ammonium formate, 0.1% formic acid
B: Acetonitrile, 0.1% formic acid
 9 min isocratic run (75%B)

Methanol (bottom)
A: Water, 5 mM ammonium formate, 0.1% formic acid
B: Methanol, 0.1% formic acid
 30 min isocratic run (75%B)