

Rapid Cannabinoids Analysis – Overlaid Injections

Method

Application #AN6900

Column: ACE UltraCore 2.5 SuperC18
Dimensions: 50 x 3.0 mm
Part Number: CORE-25A-0503U
Mobile Phase: A: 0.075% formic acid in H₂O
B: 0.1% formic acid in MeCN

Time (mins)	%B
0.00	70
0.25	70
4.18	100
5.05	100

Flow Rate: 0.6 mL/min
Injection: 2 µL
Temperature: 40 °C
Detection: UV, 210 nm
Mass On Column: 20 ng per analyte

1. (-)-11-Nor-9-carboxy- Δ^9 -tetrahydrocannabinol (THC-COOH)
2. Cannabidivarin (CBDV)
3. Cannabidiolic acid (CBDA)
4. Cannabigerol (CBG)
5. Cannabidiol (CBD)
6. Tetrahydrocannabivarin (THCV)
7. Cannabinol (CBN)
8. (-)-*trans*- Δ^9 -Tetrahydrocannabinol (THC)
9. Cannabichromene (CBC)
10. Δ^9 -Tetrahydrocannabinolic acid A (THCA-A)

