

# 10 Different Cannabinoids and Compounds of Interest

Application #AN6850

## Conditions

Column: ACE Excel 2 SuperC18  
Dimensions: 100 x 3.0 mm  
Part Number: EXL-1011-1003U  
Mobile Phase: A: 0.075% formic acid in H<sub>2</sub>O  
B: 0.1% formic acid in MeCN

| Time (mins) | %B  |
|-------------|-----|
| 0.0         | 70  |
| 1.0         | 70  |
| 10.0        | 100 |
| 12.0        | 100 |

Flow Rate: 0.6 mL/min  
Injection: 5 µL  
Temperature: 40 °C  
Detection: UV, 210 nm

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

