

## Analysis of Cannabinoids using Luna Omega 3 µm Polar C18 100 x 3.0 mm

**Column:** Luna® Omega 3 µm Polar C18 100 Å, LC Column 100 x 3.0 mm, Ea

**Dimensions:** 100 x 3 mm ID

**Order No:** 00D-4760-Y0

**Elution Type:** Gradient

**Eluent A:** 0.1% formic acid

**Eluent B:** 0.1% formic acid/methanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 90    | 10    |
|                   | 2        | 2          | 5     | 95    |
|                   | 3        | 4          | 5     | 95    |
|                   | 4        | 4.01       | 90    | 10    |
|                   | 5        | 6          | 90    | 10    |

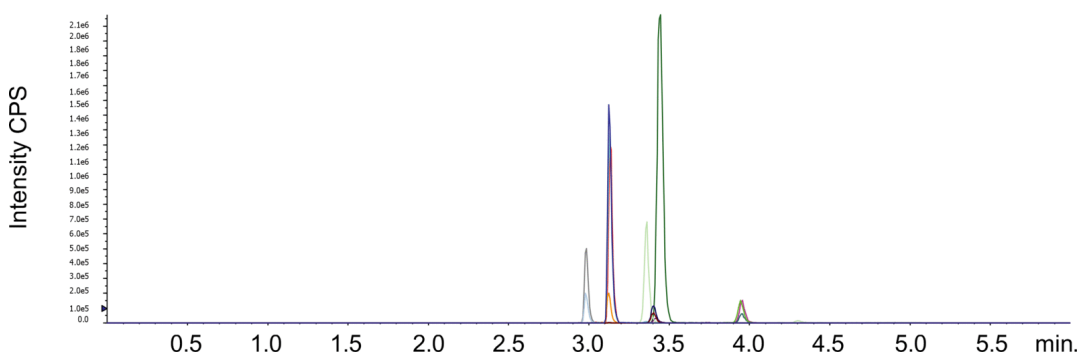
**Flow Rate:** 0.6 mL/min

**Col. Temp.:** 25 °C

**Detection:** Tandem Mass Spec (MS-MS) @ (25 °C)  
24524



Products used in this application:



### ANALYTES:

- 1 AB-FUBINACA  
Retention Time: 2.99 min
- 2 XLR-11 4-Hydroxypentyl metabolite  
Retention Time: 3.13 min
- 3 AB-PINACA  
Retention Time: 3.15 min
- 4 THC-OH  
Retention Time: 3.38 min
- 5 THC-COOH  
Retention Time: 3.43 min
- 6 APINACA (AKB-48) 5-Hydroxypentyl metabolite  
Retention Time: 3.47 min
- 7 THC  
Retention Time: 3.99 min

