

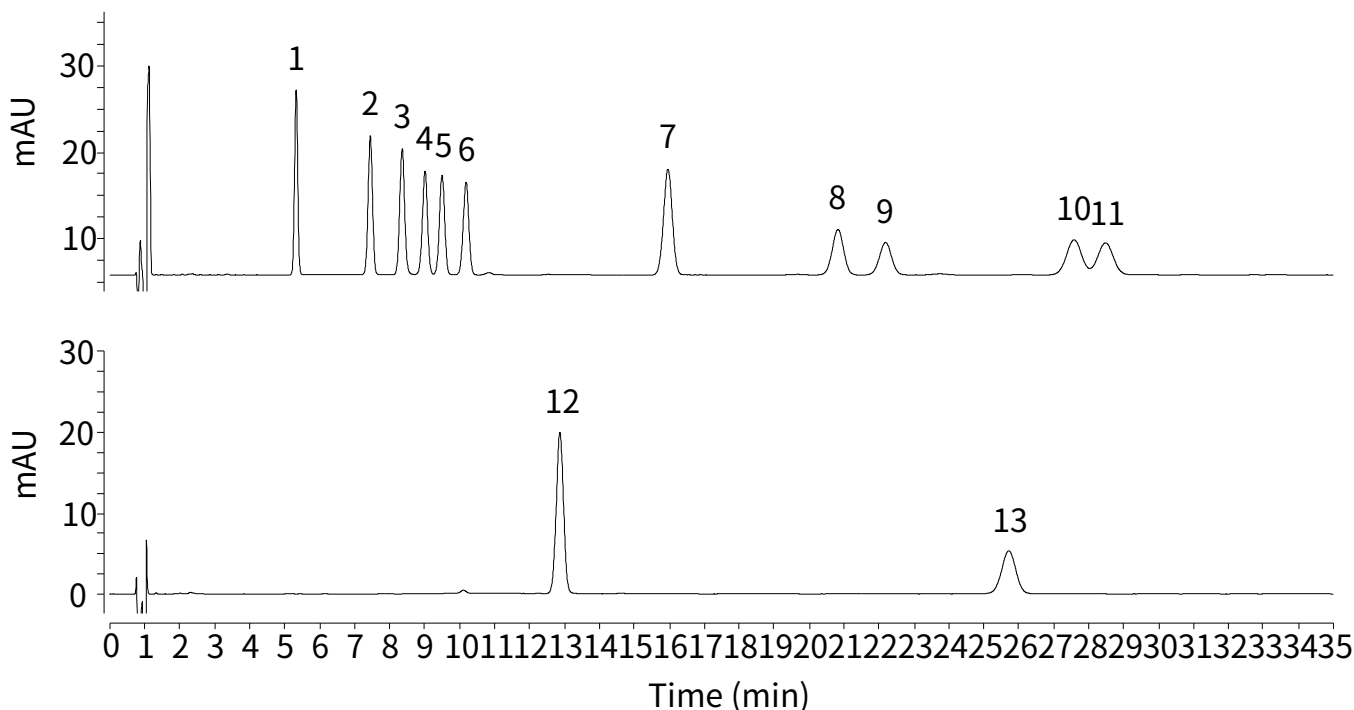
# InertSearch™ for LC

Inertsil® Applications

## Analysis of Cannabinoids

Data No. LL036-0000

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### Conditions

**Column** : Inertsil ODS-HL HP (GL Sciences Inc.)  
(3  $\mu\text{m}$ , 150 x 2.1 mm I.D.)  
**Column Cat. No.** : 5020-87319  
**Eluent** : A) 0.1 % HCOOH in  $\text{CH}_3\text{CN}$   
: B) (10 mM HCOONH<sub>4</sub> + 0.1 % HCOOH) in H<sub>2</sub>O (pH 3.3)  
: A/B = 70/30, v/v  
**Flow rate** : 0.3 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 220 nm  
**Injection Vol.** : 5  $\mu\text{L}$   
**Sample** : Standard

### Analyte:

1. Cannabidiol (CBDV)
2. Cannabidiolic acid (CBDA)
3. Cannabigerolic acid (CBGA)
4. Cannabigerol (CBG)
5. Cannabidiol (CBD)
6. Tetrahydrocannabivarin (THCV)
7. Cannabinol (CBN)
8. *Delta*-9-Tetrahydrocannabinol ( $\Delta^9$ -THC)
9. *Delta*-8-Tetrahydrocannabinol ( $\Delta^8$ -THC)
10. Tetrahydrocannabinolic acid (THCA)
11. Cannabichromene (CBC)
12. Tetrahydrocannabivarinic acid (THCVA)
13. Cannabicyclol (CBL)  
(1  $\mu\text{g}/\text{mL}$  each)