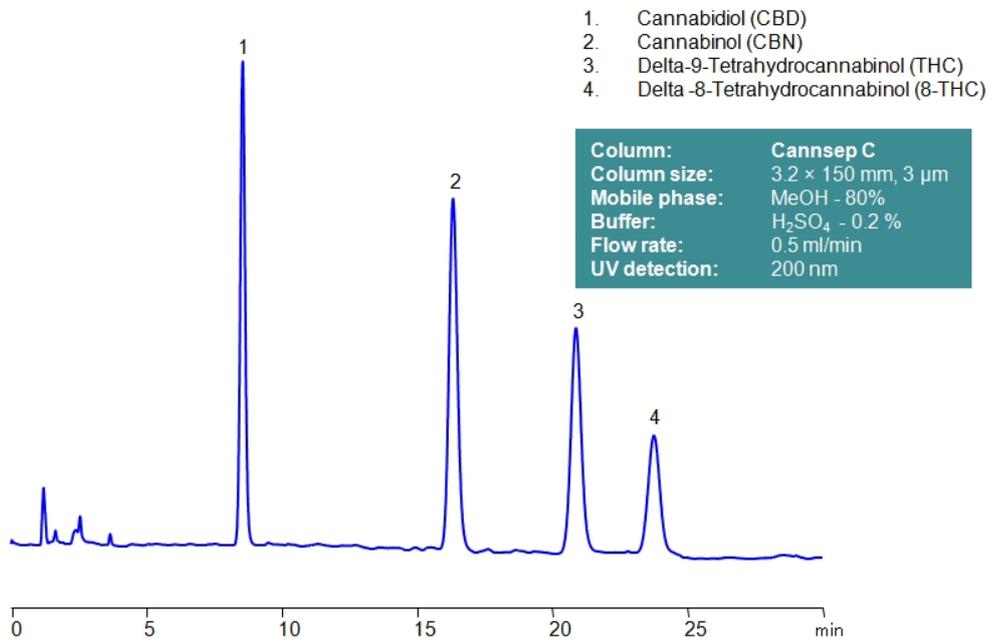


## HPLC Determination of CBD, CBN, $\Delta$ 9-THC, $\Delta$ 8-THC on Cannsep C Column



High Performance Liquid Chromatography (HPLC) Method for Analysis of Cannabidiol (CBD) , Cannabinol (CBN) , Delta-8-Tetrahydrocannabinol (8-THC) , Delta-9-Tetrahydrocannabinol (THC) .

$\Delta$ 8-THC ,  $\Delta$ 9-THC , CBD and CBN are cannabinoids found in Cannabis plants. They have some medical uses among which is the prevention of nausea and vomiting caused by some cancer medications. THC has psychoactive effects, while CBD does not.

They can be separated using HPLC on a reverse-phase Cannsep C column using a mobile phase consisting of methanol (MeOH) and water with sulfuric acid (H<sub>2</sub>SO<sub>4</sub>) as buffer and UV detected at 200 nm.

### Method Parameters

Mobile Phase	MeOH -80%,
Buffer	H <sub>2</sub> SO <sub>4</sub> – 0.2%
Flow Rate	0.5 mL/min
Detection	UV, 200 nm

Quelle: <https://sielc.com/hplc-determination-of-cbd-cbn-%25ce%25b49-thc-%25ce%25b48-thc>