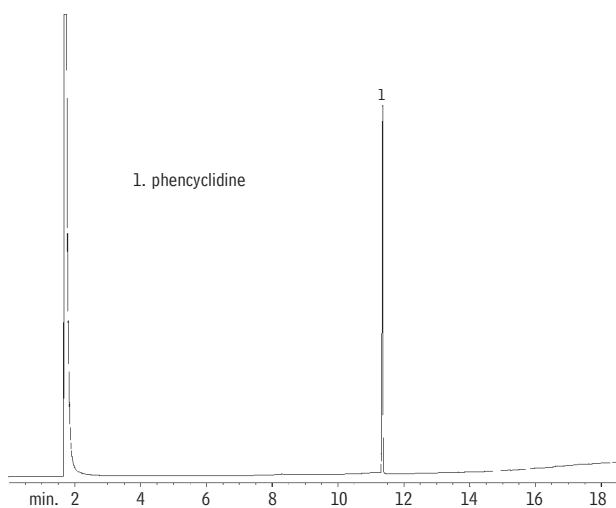


Phencyclidine (PCP)

Rtx®-5



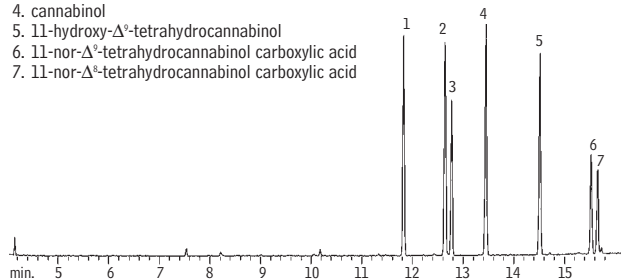
GC_PH00234

Column: Rtx®-5, 30m, 0.25mm ID, 0.25 μ m (cat.# 10223)
 Sample: 1.0 μ L split injection of phencyclidine
 Conc.: 1000ng/ μ L
 Oven temp.: 50°C (hold 1 min.) to 250°C @ 25°C/min., then to 325°C @ 10°C/min. (hold 2 min.)
 Inj./det. temp.: 250°C/325°C
 Carrier gas: helium
 Linear velocity: 30cm/sec. set @ 50°C
 FID sensitivity: 2.56 x 10⁻¹⁰ AFS
 Split ratio: 30:1

Cannabinoids (TMS Derivatives)

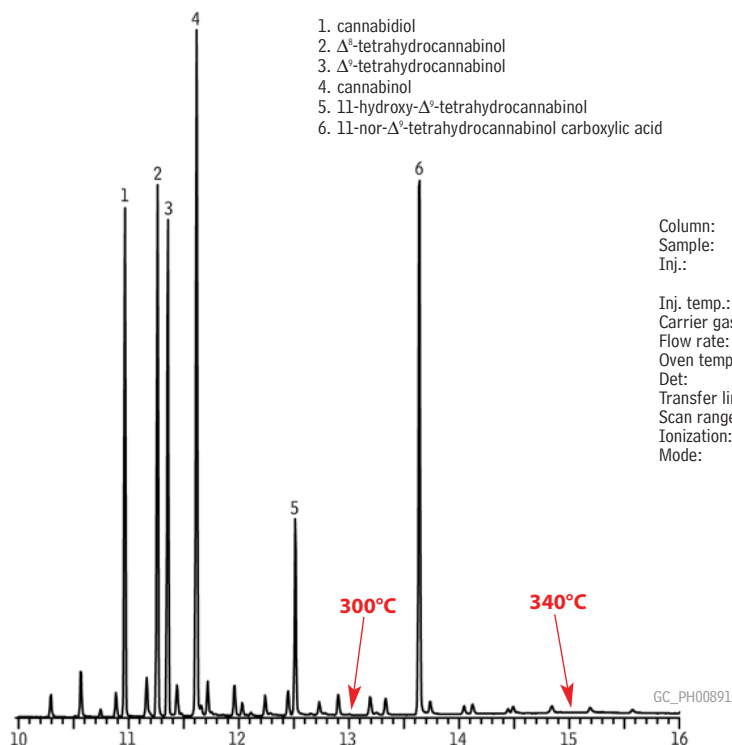
Rtx®-5

1. cannabidiol
2. Δ^8 -tetrahydrocannabinol
3. Δ^9 -tetrahydrocannabinol
4. cannabinol
5. 11-hydroxy- Δ^9 -tetrahydrocannabinol
6. 11-nor- Δ^9 -tetrahydrocannabinol carboxylic acid
7. 11-nor- Δ^8 -tetrahydrocannabinol carboxylic acid



GC_PH00253

Column: Rtx®-5, 15m, 0.25mm ID, 0.25 μ m (cat.# 10220)
 Sample: 1.0 μ L splitless injection of cannabinoids
 Conc.: 100 μ g/mL
 Oven temp.: 50°C (hold 0.5 min.) to 225°C @ 30°C/min., to 325°C @ 10°C/min.
 Inj. temp.: 225°C
 Interface temp.: 320°C
 Det.: MSD
 Ionization: EI
 Carrier gas: helium
 Scan range: 40-500amu
 Linear velocity: 40cm/sec. set @ 50°C
 Splitless hold time: 0.75 min.

Cannabinoids
Rxi®-5ms

1. cannabidiol
2. Δ^8 -tetrahydrocannabinol
3. Δ^9 -tetrahydrocannabinol
4. cannabinol
5. 11-hydroxy- Δ^9 -tetrahydrocannabinol
6. 11-nor- Δ^9 -tetrahydrocannabinol carboxylic acid

Column: Rxi®-5ms, 12m, 0.20mm ID, 0.33 μ m (cat.# 13497)
 Sample: 1000 μ g/mL each component in methanol
 Inj.: 1.0 μ L, split, split ratio 25:1, 4mm ID base-deactivated single gooseneck inlet liner w/wool (cat.# 20798-211.1)
 Inj. temp.: 250°C
 Carrier gas: helium, constant flow
 Flow rate: 1mL/min.
 Oven temp.: 40°C to 340°C @ 20°C/min. (hold 5 min.)
 Det: MS
 Transfer line temp.: 280°C
 Scan range: 100-550amu
 Ionization: EI
 Mode: scan

Rxi® Technology!**new!**