## **GC Application** ID No.: **20810**



## Cannabinoids and synthetic opiates by GCMS on a ZB-5MS

Zebron™ ZB-5MS, GC Cap. Column 20 m x 0.18 mm x 0.18 μm, Ea

5% Phenyl-Arylene 95% Dimethylpolysiloxane Phase:

**Dimensions:** 20 meters x 0.18 mm x 0.18 μm

Order No: 7FD-G010-08

**Oven Profile:** 150°C for 1 min to 320°C at 35°C for 5 min

**Carrier Gas:** Constant Flow Helium, 1.2 mL/min

Injection: Splitless: 1 1 µL @ 250°C **Detection:** Refractive Index (320°C)

Analyst Note: Sample is derivatized with BSTFA at 70°C for 30 minutes.

Sim mode: Methadone (294), THC (371), THC-OH (371), THC-COOH (473), Buprenorphine (450)

3





Products used in this application:



## **ANALYTES:**

- Methadone 1
- 2 THC
- THC-OH
- THC-COOH
- Buprenorphine

©2025 Phenomenex Inc. All rights reserved.

For more information contact your Phenomenex Representative at international@phenomenex

10

min



Phenomenex products are available worldwide. www.phenomenex.com