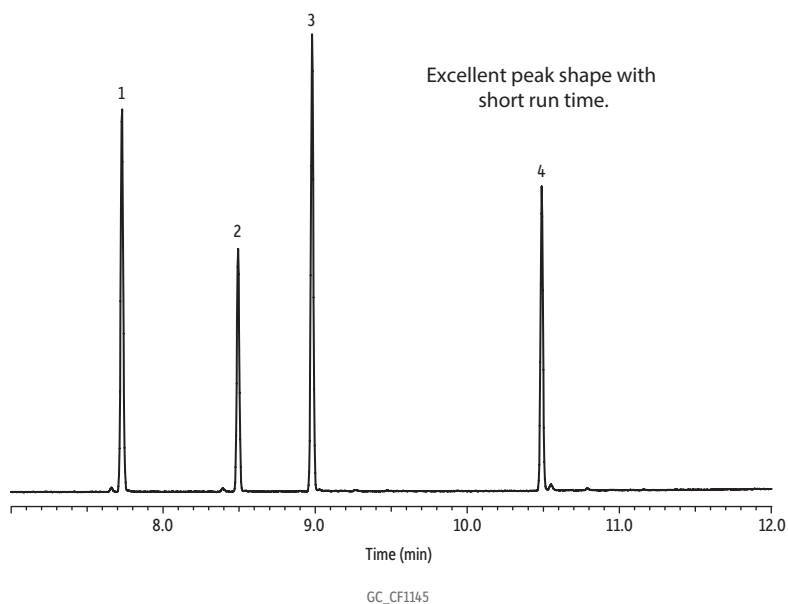


Derivatized Cannabinoids (5 µg/mL) on Rxi-5Sil MS



Peaks

1. Cannabidiol
2. delta 9 THC
3. Cannabinol
4. THC-COOH; THCA

Column	Rxi-5Sil MS, 30 m, 0.25 mm ID, 0.25 µm (cat.# 13623)
Sample	
Diluent:	Ethyl acetate
Conc.:	5 µg/mL TMS derivatives
Injection	
Inj. Vol.:	1 µL splitless (hold 1 min)
Liner:	3.5 mm taper splitless w/wool (cat.# 23322)
Inj. Temp.:	250 °C
Purge Flow:	21.4 mL/min
Oven	
Oven Temp.:	150 °C to 330 °C at 15 °C/min (hold 3 min)
Carrier Gas	
Carrier Gas:	He, constant linear velocity
Linear Velocity:	40 cm/sec, 13.8 psi, 95.1 kPa @ 150 °C
Detector	
Mode:	MS
Transfer Line Temp.:	Scan
Analyzer Type:	280 °C
Source Temp.:	Quadrupole
Electron Energy:	200 °C
Solvent Delay Time:	70 eV
Tune Type:	4 min
Ionization Mode:	PFTBA
Scan Range:	El
Scan Rate:	200-500 amu
Instrument	5 scans/sec
	Shimadzu 2010 GC & QP2010+ MS