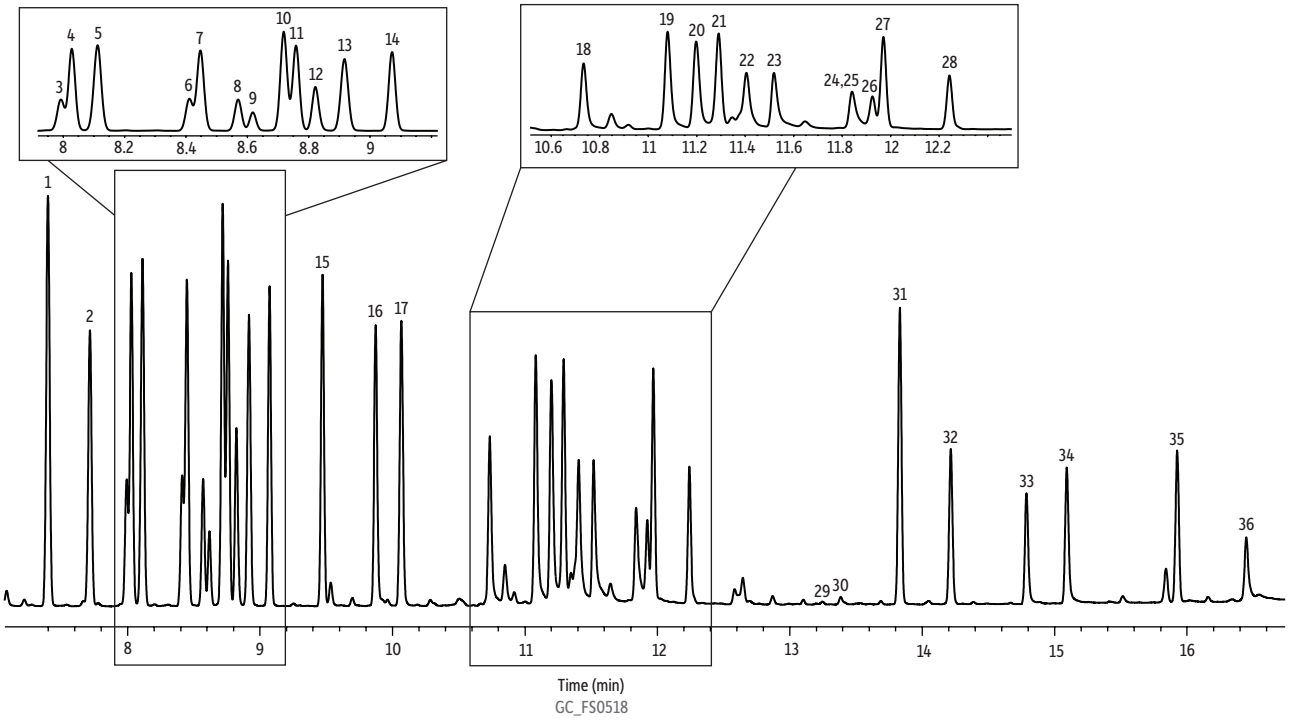
Cannabis Terpenes on Rxi-624Sil MS by FET-HS-GC

	Peaks	t_R (min)
1.	α-Pinene	7.39
2.	Camphene	7.71
3.	β-Myrcene	7.98
4.	Sabinene	8.02
5.	β-Pinene	8.11
6.	α-Phellandrene	8.4
7.	δ 3-Carene	8.44
8.	α-Terpinene	8.57
9.	Ocimene	8.61
10.	Limonene	8.71
11.	*p*-Cymene	8.75
12.	β-Ocimene	8.82
13.	Eucalyptol	8.91
14.	γ-Terpinene	9.06
15.	Terpinolene	9.47
16.	Linalool	9.87
17.	Fenchone	10.06
18.	Isopulegol	10.73

	Peaks	t_R (min)
19.	dl-Menthol	11.08
20.	Borneol	11.19
21.	α-Terpineol	11.29
22.	Dihydrocarveol	11.40
23.	Citronellol	11.51
24.	Geraniol	11.82
25.	2-Piperidinone	11.88
26.	Citral 1	11.92
27.	Pulegone	11.97
28.	Citral 2	12.24
29.	Citral 3	13.19
30.	Citral 4	13.43
31.	β-caryophyllene	13.83
32.	α-Humulene	14.21
33.	Nerolidol 1	14.78
34.	Nerolidol 2	15.08
35.	Caryophyllene oxide	15.92
36.	α-Bisabolol	16.43



Column	Rxi-624Sil MS, 30 m, 0.25 mm ID, 1.40 µm (cat.# 13868)
Sample	Terpenes mix
Diluent:	Isopropyl alcohol
Conc.:	200 ng/µL (0.02% wt/vol). The sample was prepared by placing 10 µL into the headspace vial.
Injection	headspace-loop split (split ratio 10:1)
Liner:	Premium 1.0 mm ID straight inlet liner (cat.# 23333.1)
Headspace-Loop	
Inj. Port Temp.:	250 °C
Instrument:	Tekmar HT-3
Inj. Time:	1.0 min
Transfer Line Temp.:	160 °C
Valve Oven Temp.:	160 °C
Needle Temp.:	140 °C
Sample Temp.:	140 °C
Sample Equil. Time:	30.0 min
Vial Pressure:	20 psi
Loop Pressure:	15 psi
Oven	
Oven Temp.:	60 °C (hold 0.10 min) to 300 °C at 12.50 °C/min (hold 3.0 min)
Carrier Gas	He, constant flow
Linear Velocity:	33 cm/sec
Detector	FID @ 320 °C
Make-up Gas Flow Rate:	45 mL/min
Make-up Gas Type:	N_2
Hydrogen flow:	40 mL/min
Air flow:	450 mL/min
Data Rate:	20 Hz
Instrument	Agilent/HP6890 GC
Notes	For qualitative purposes only.