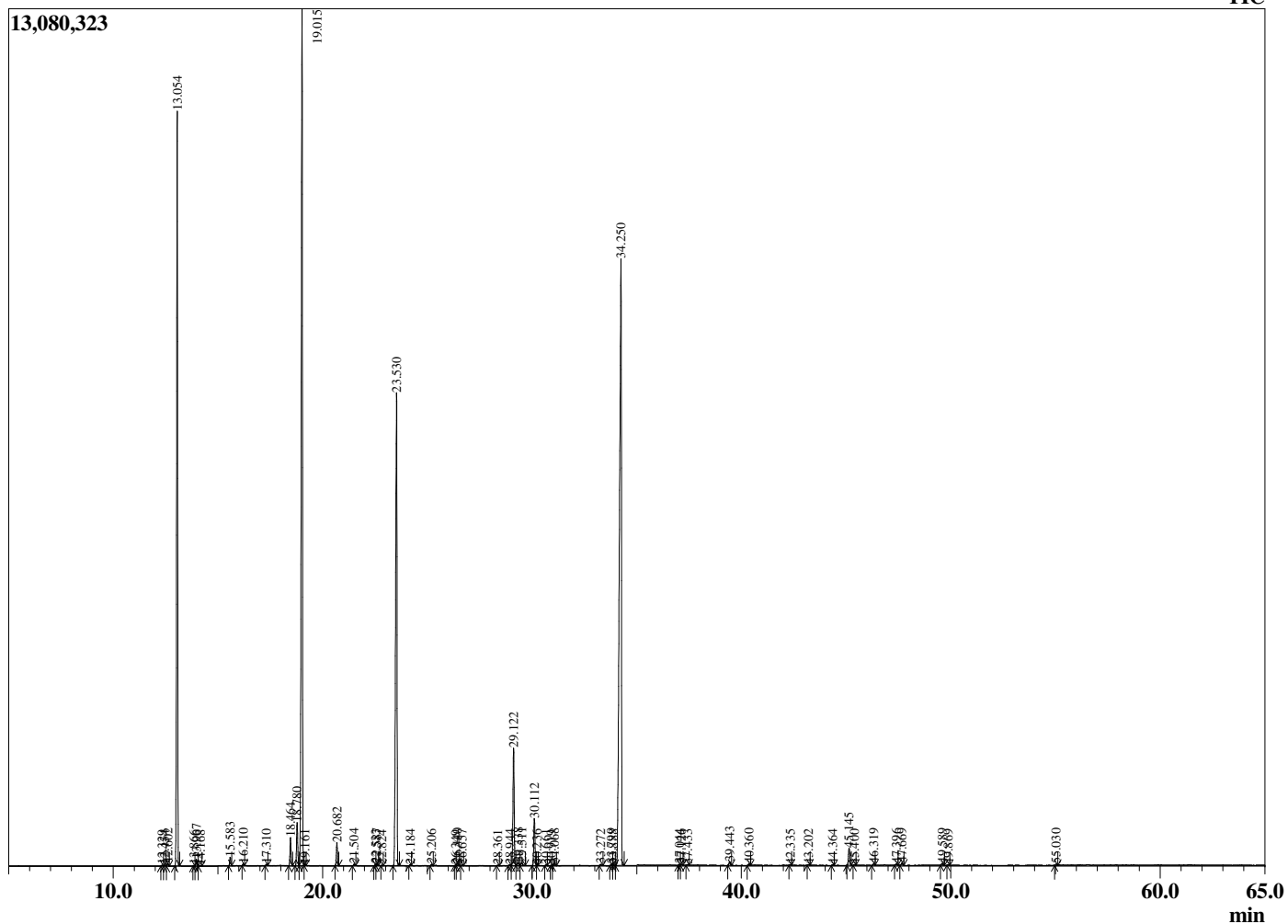## Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 8/29/2020 4:51:17 AM
Sample Type : Essential Oil
Sample Name : Balm mint Bush - Edens Garden
Sample ID : BA08GB
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Balm mint Bush - Edens Garden

13,080,323

Peak Report TIC

R.Time	Name	Area%
12.329	Hashishene	0.02
12.454	Tricyclene	0.02
12.602	alpha-Thujene	0.07
13.054	alpha-Pinene	18.41
13.866	alpha-Fenchene	0.02
13.967	Camphene	0.17
14.168	Thuja-2,4(10)diene	0.01
15.583	beta-Pinene	0.21
16.210	Myrcene	0.05
17.310	alpha-Phellandrene	0.03
18.464	para-Cymene	0.72
18.780	Limonene	1.25
19.015	1,8-cineole	25.49
19.161	cis-beta-Ocimene	0.02
20.682	gamma-Terpinene	0.63
21.504	cis-Linalool oxide (furanoid)	0.04
22.533	Terpinolene	0.03
22.587	trans-Linalool oxide (furanoid)	0.06
22.824	para-Cymenene	0.01
23.530	Linalool	16.30
24.184	Unidentified	0.02
25.206	cis-para-Menth-2-en-1-ol	0.04
26.349	trans-Pinocarveol	0.01
26.440	trans-para-Menth-2-en-1-ol	0.07
26.657	trans-Verbenol	0.02
28.361	Unidentified	0.01
28.944	Unidentified	0.03
29.122	Terpinen-4-ol	3.55
29.338	Unidentified	0.09
29.511	para-Cymen-8-ol	0.10
30.112	alpha-Terpineol	1.44
30.236	cis-Piperitol	0.02
30.661	alpha-Phellandrene epoxide	0.02
30.919	Verbenone	0.01
31.068	trans-Piperitol	0.07
33.272	Unidentified	0.04
33.799	Unidentified	0.05
33.888	Geraniol	0.02
34.250	Piperitone	29.64
37.044	Unidentified	0.03
37.126	Unidentified	0.03
37.433	Unidentified	0.02
39.443	delta-Elemene	0.12
40.360	alpha-Terpinyl acetate	0.04
42.335	alpha-Copaene	0.01
43.202	beta-Elemene	0.02
44.364	alpha-Gurjunene	0.02
45.145	beta-Caryophyllene	0.57
45.400	Unidentified	0.02
46.319	Aromadendrene	0.05
47.396	alpha-Humulene	0.04
47.669	Alloaromadendrene	0.08
49.589	Viridiflorene (Ledene)	0.06
49.869	Bicyclogermacrene	0.02
55.030	Caryophyllene oxide	0.04
		100.00

Comments:

The analysis of this Balm Mint Bush batch sample meets the
expected chemical profile for authentic essential oil of
Prostanthera melissifolia. No contamination or adulteration was detected.
The results provided in this GCMS quality analysis reflect the chemical
composition of the oil and lot referenced above on the date of analysis.