

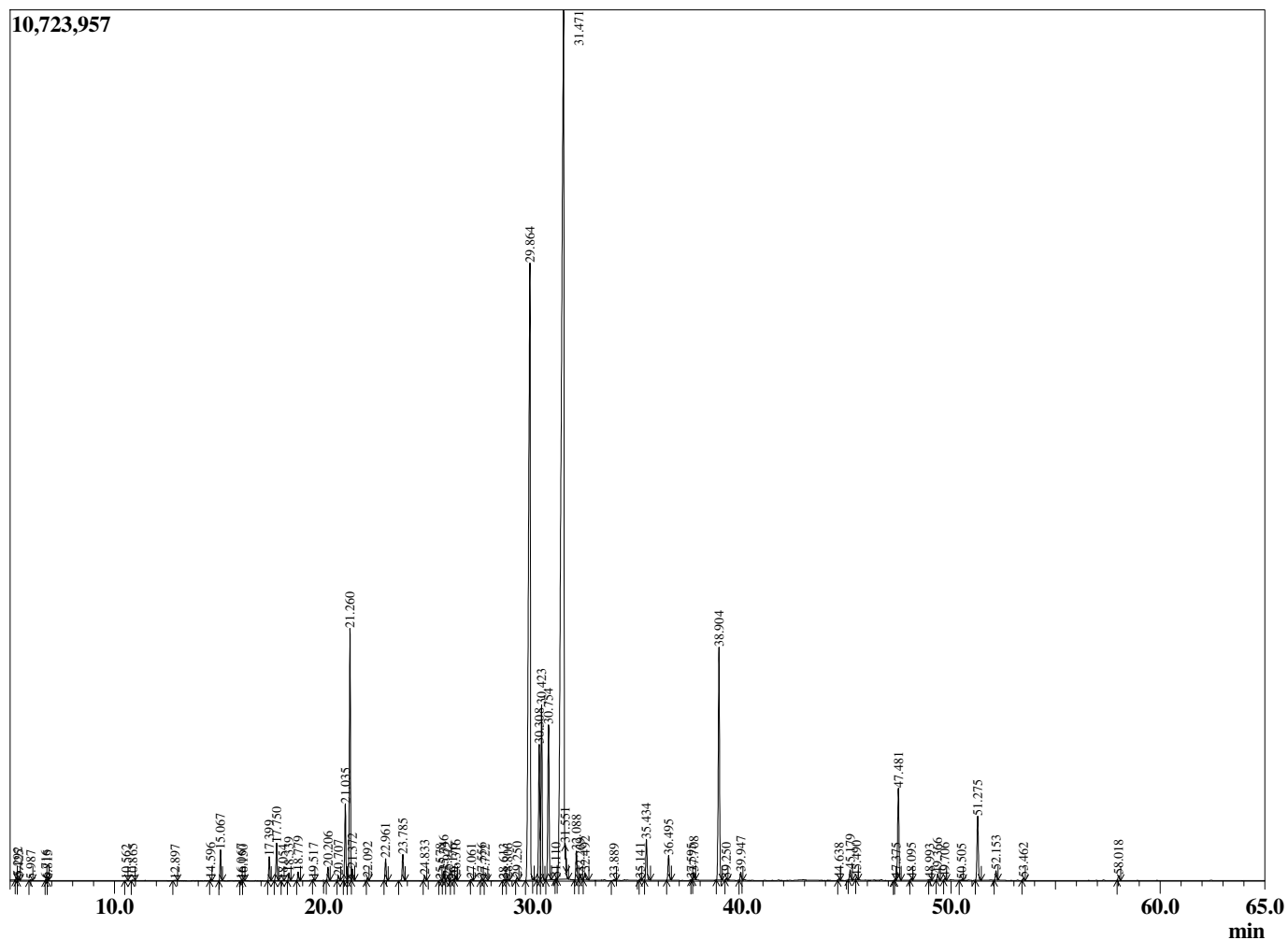
Sample Information

Analyzed : 6/3/2020 8:17:48 PM
Sample Type : Essential Oil
Sample Name : Mentha piperita
Injection Volume : 0.10

Peppermint USA
Lot# USF37-FC
Country: USA



Chromatogram Mentha piperita



R.Time	Name	Area%
5.292	3-Methylbutanal	0.04
5.425	2-Methylbutanal	0.02
5.987	2-Ethylfuran	0.01
6.716	3-Methylbutanol	0.01
6.815	2-Methylbutanol	0.01
10.562	Ethyl-2-methylbutyrate	0.01
10.865	(Z)-3-Hexenol	0.01
12.897	2,5-Diethyltetrahydrofuran	0.01
14.596	alpha-Thujene	0.03
15.067	alpha-Pinene	0.55
16.067	Camphene	0.01
16.150	3-Methylcyclohexanone	0.01
17.399	Sabinene	0.46
17.750	beta-Pinene	0.79
18.054	3-Octanone	0.01
18.339	Myrcene	0.15
18.779	3-Octanol	0.18
19.517	alpha-Phellandrene	0.02
20.206	alpha-Terpinene	0.27
20.707	para-Cymene	0.10
21.035	Limonene	1.62
21.260	1,8-Cineole	5.29
21.372	(Z)-beta-Ocimene	0.23
22.092	(E)-beta-Ocimene	0.05
22.961	gamma-Terpinene	0.45
23.785	trans-Sabinene hydrate	0.57
24.833	Terpinolene	0.11
25.578	3-Nonanol	0.02
25.746	Linalool	0.20
25.922	cis-Sabinene hydrate	0.09
26.176	Solustrol	0.02
26.316	2-Methylbutyl isovalerate	0.10
27.061	3-Octyl	0.02
27.556	cis-p-Menth-2-en-1-ol	0.04
27.722	allo-Ocimene	0.01
28.613	trans-Sabinol	0.02
28.806	trans-p-Menth-2-en-1-ol	0.02
29.250	Isopulegol	0.07
29.864	Menthone	20.79
30.308	Menthofuran	3.18
30.423	Isomenthone	3.91
30.754	Neomenthol	3.72
31.110	trans-Isopulegone	0.02
31.471	Menthol	43.04
31.551	Terpinen-4-ol	0.11
32.088	Isomenthol	0.64
32.269	Neoisomenthol	0.15
32.492	alpha-Terpineol	0.20
33.889	Unidentified	0.02
35.141	(Z)-3-Hexenyl isovalerate	0.02
35.434	Pulegone	0.97
36.495	Piperitone	0.57
37.595	Isopulegol acetate	0.01
37.708	Neomenthyl acetate	0.15
38.904	Menthyl acetate	5.64
39.250	Dihydroedulan I	0.04

R.Time	Name	Area%
39.947	Isomenthyl acetate	0.19
44.638	alpha-Ylangene	0.03
45.179	beta-Bourbonene	0.25
45.490	beta-Elemene	0.07
47.375	beta-Ylangene	0.04
47.481	trans-beta-Caryophyllene	2.32
48.095	beta-Copaene	0.03
48.993	Aromadendrene	0.03
49.366	(E)-beta-Farnesene	0.15
49.706	alpha-Humulene	0.04
50.505	Unidentified	0.02
51.275	Germacrene D	1.59
52.153	Bicyclogermacrene	0.23
53.462	delta-Cadinene	0.05
58.018	Viridiflorol	0.12
		100.00