

### Sample Information

**Analyzed** : 1/9/2018 7:15:07 AM  
**Sample Type** : Essential Oil  
**Sample Name** : MenPip4  
**Injection Volume** : 0.10  
**Lot Number** : B0108B  
**Instrument** : Instrument1

### Peak Report TIC

R.Time	Name	Area%
5.412	Isovaleraldehyde	0.04
5.548	2-Methylbutanal	0.03
6.106	Unidentified	0.02
6.851	Isoamyl alcohol	0.03
6.953	2-Methylbutanol	0.02
11.037	3-cis-Hexenol	0.01
13.098	2,5-Diethyltetrahydrofuran	0.01
14.807	alpha-Thujene	0.03
15.278	alpha-Pinene	0.48
17.628	Sabinene	0.32
17.985	beta-Pinene	0.79
18.574	Myrcene	0.15
19.021	3-Octanol	0.21
20.461	alpha-Terpinene	0.28
20.966	para-Cymene	0.09
21.296	Limonene	2.09
21.460	beta-Phellandrene	0.08
21.533	1,8-Cineole	5.99
21.636	cis-beta-Ocimene	0.23
22.364	trans-beta-Ocimene	0.06
23.238	gamma-Terpinene	0.43
24.083	trans-Sabinene hydrate	0.52
25.120	Terpinolene	0.12
26.051	Linalool	0.19
26.227	cis-Sabinene hydrate	0.08
26.630	2-Methylbutyl isovalerate	0.09
27.369	3-Octyl acetate	0.03
27.871	cis-para-Menth-2-en-1-ol	0.04
28.921	trans-Sabinol	0.02
29.122	trans-para-Menth-2-en-1-ol	0.02
29.566	Isopulegol	0.09
30.164	Menthone	21.22
30.613	Menthofuran	2.53
30.738	Isomenthone	3.83
31.067	Neomenthol	2.62
31.429	trans-Isopulegone	0.02
31.773	Menthol	45.98
31.868	Terpinen-4-ol	0.71
32.411	Isomenthol	0.47
32.592	Neoisomenthol	0.12
32.816	alpha-Terpineol	0.14
35.480	3-Hexenyl isovalerate	0.03
35.761	Pulegone	0.72
36.822	Piperitone	0.37
38.049	Neomenthyl acetate	0.14
39.235	Menthyl acetate	3.89
39.596	Dihydroedulan I	0.03
40.292	Isomenthyl acetate	0.15
44.991	alpha-Copaene	0.03
45.532	alpha-Bourbonene	0.20
45.839	beta-Elementene	0.04
47.837	beta-Caryophyllene	2.35
48.444	beta-Copaene	0.03
49.730	trans-beta-Farnesene	0.16
50.066	alpha-Humulene	0.05
51.631	Germacrene D	1.26
52.507	Bicyclogermacrene	0.18
53.810	delta-Cadinene	0.04
58.380	Viridiflorol	0.11
		100.00

### Chromatogram MenPip4

