

Analyzed by : Dr. Prabodh Satyal
Analyzed : 4/19/2018 9:31:51 AM
Sample Type : Essential Oil
Sample Name : Holy Basil
ARC# : JB180418A SAP# 00000
Injection Volume : 0.10
Data File : C:\Users\psatyal\Google Drive\ARC-GC-4\Holy Basil JB JB180418A.qgd

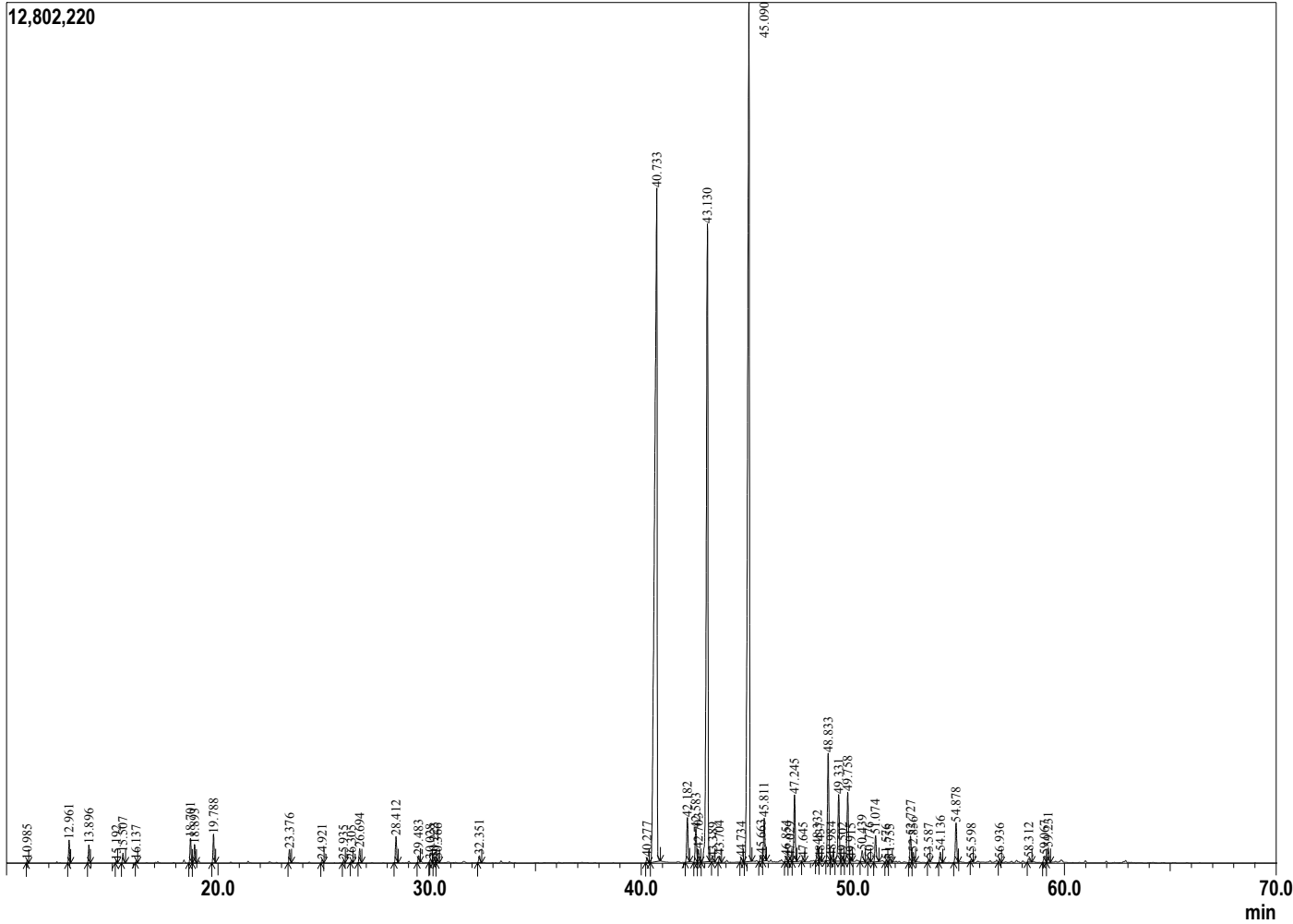
Sample Information



Peak Report TIC

R.Time	Name	Area%
10.985	Furan, 2,5-diethyltetrahydro-	0.05
12.961	Pinene <alpha>	0.39
13.896	Camphene	0.32
15.192	Sabinene	0.04
15.507	Pinene <beta>	0.20
16.137	Myrcene	0.04
18.701	Limonene	0.48
18.893	1,8-cineole	0.38
19.788	Ocimene <E-beta>	0.56
23.376	Linalool	0.28
24.921	Mentha-2,8-dien-1-ol<trans-para>	0.07
25.935	Mentha-2,8-dien-1-ol <cis-para>	0.05
26.305	Geijerene	0.04
26.694	Camphor	0.31
28.412	Borneol	0.58
29.483	Mentha-1(7),8-dien-2-ol <trans-p>	0.15
30.028	Terpineol<alpha>	0.08
30.223	Methyl chavicol	0.09
30.366	Isopiperitenol <cis->	0.07
32.351	Mentha-1(7),8-dien-2-ol <cis-p>	0.17
40.277	Cubebene <alpha>	0.12
40.733	Eugenol	30.87
42.182	Copaene <alpha>	1.09
42.583	Elemene <beta>	0.87
42.703	Bourbonene <alpha>	0.31
43.130	Elemene <beta>	19.12
43.389	Cubebene <epi-isomer>	0.08
43.704	Methyleugenol	0.15
44.734	Barbatene<alpha>	0.11
45.090	Caryophyllene <trans>	28.43
45.663	Copaene <beta>	0.20
45.811	Bergamotene <trans-alpha>	1.02
46.854	Barbatene<beta>	0.15
47.029	Farnesene<(E)-beta>	0.11
47.245	Humulene <alpha>	1.66
47.645	Muuroala-4(14),5-diene <cis>	0.08
48.332	Chamigrene<beta>	0.37
48.437	Muurolene<gamma>	0.07
48.833	Germacrene D	2.69
48.984	Farnesene <alpha-cis-cis->	0.09
49.331	Selinene <beta>	1.75
49.502	Muuroala-4(14),5-diene <trans>	0.10
49.758	Selinene <alpha>	1.85
49.915	Muurolene<alpha>	0.06
50.439	Germacrene A	0.35
50.776	Amorphene <delta>	0.09
51.074	Cadinene <delta>	0.71
51.576	Bisabolene <E-gamma>	0.05
51.755	Kessane	0.08
52.727	Elemicin	0.63
52.856	Elemol <alpha>	0.24
53.587	Nerolidol<E->	0.06
54.136	Ledol isomer	0.27
54.878	Caryophyllene oxide	1.03
55.598	Viridiflorol	0.05
56.936	Intermedeol isomer	0.08
58.312	Cadinol <delta>	0.12
59.067	Eudesmol <alpha>	0.21
59.231	Selin-11-en-4-alpha-ol	0.39
		100.00

Chromatogram Holy Basil C:\Users\psatyal\Google Drive\ARC-GC-4\Holy Basil JB JB180418A.qgd



Typical Ranges of Main Components:

Comments:
PASS