

Sample Information

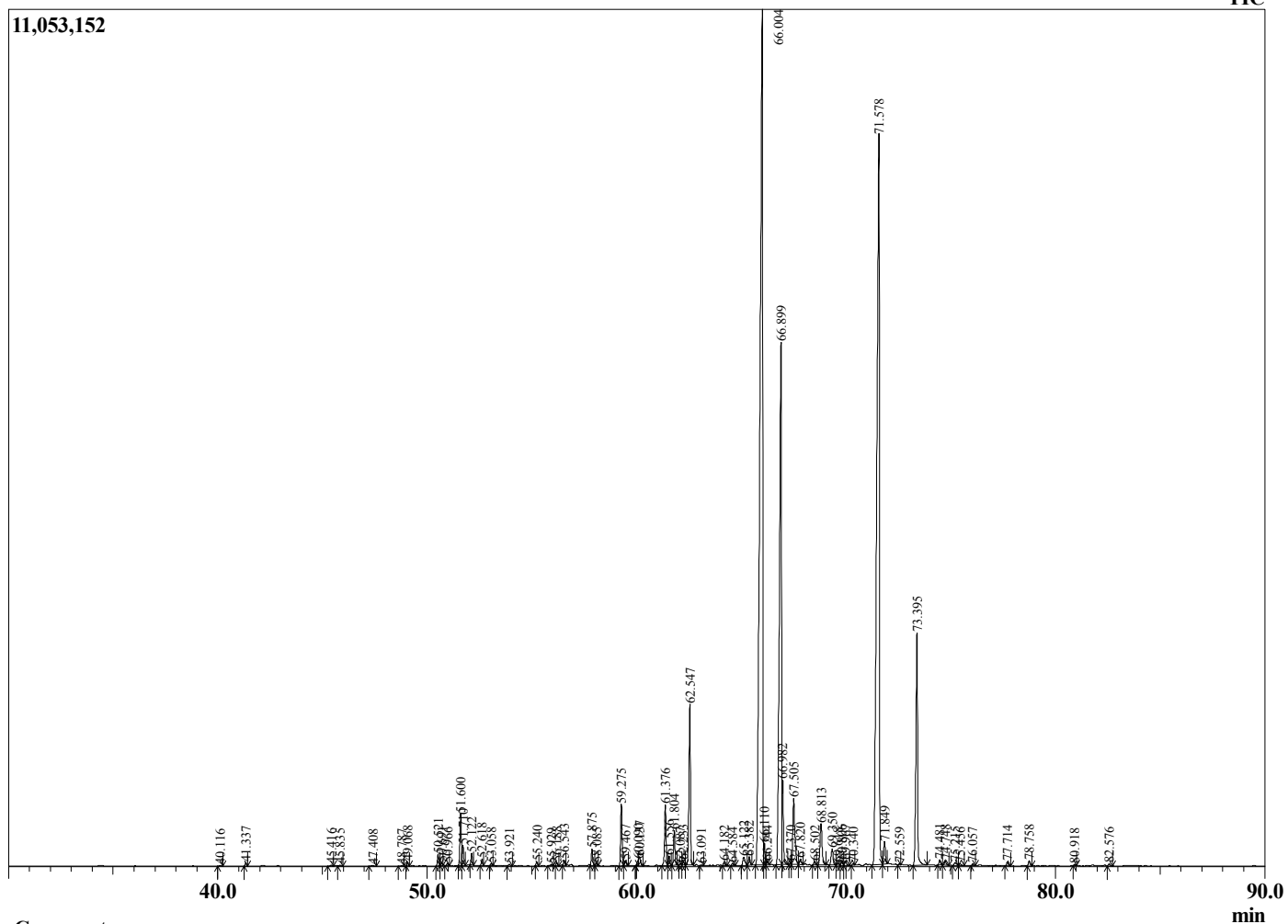
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 10/17/2020 5:31:14 AM  
 Sample Type : Essential Oil  
 Sample Name : Buddhawood - Edens Garden  
 Sample ID : BA29ID  
 Injection Volume : 0.10  
 Instrument ID : GC-2



Peak Report TIC

R.Time	Name	Area%
40.116	4-vinyl-Guaiacol	0.02
41.337	Unidentified	0.07
45.416	cis-beta-Elemene	0.02
45.835	Unidentified	0.02
47.408	trans-beta-Caryophyllene	0.02
48.787	Selina-5,11-diene	0.02
49.068	Unidentified	0.07
50.521	4,5-di-epi-Aristolochene	0.22
50.691	gamma-Selinene	0.07
50.966	Unidentified	0.05
51.600	Eremophiline	1.07
51.710	beta-Selinene	0.37
52.122	alpha-Selinene	0.22
52.618	Nootkatene	0.12
53.058	Unidentified	0.04
53.921	Unidentified	0.04
55.240	Unidentified	0.08
55.929	Unidentified	0.05
56.188	Unidentified	0.06
56.543	Unidentified	0.11
57.875	Unidentified	0.33
58.085	Unidentified	0.04
59.275	Unidentified	1.22
59.467	Unidentified	0.11
60.090	gamma-Eudesmol	0.10
60.137	Neointermedeol	0.33
61.376	Unidentified	1.29
61.556	Selina-6-en-4-ol	0.20
61.804	Unidentified	0.73
62.087	Unidentified	0.04
62.233	Unidentified	0.09
62.547	Eremophila-1,11-dien-9-one	3.45
63.091	Unidentified	0.02
64.182	Unidentified	0.08
64.584	Unidentified	0.06
65.122	Unidentified	0.27
65.382	Unidentified	0.18
66.004	Eremophilone	33.30
66.110	Unidentified	0.37
66.244	Unidentified	0.08
66.899	8-Hydroxydihydroeremophilone	15.66
66.982	8a-Hydroxyeremophila-1,11-dien-9-one	1.33
67.370	Unidentified	0.04
67.505	Unidentified	1.89
67.820	Unidentified	0.13
68.502	Unidentified	0.08
68.813	Unidentified	1.22
69.350	Unidentified	0.47
69.618	Unidentified	0.05
69.806	Unidentified	0.11
69.967	Dehydrofukinone	0.14
70.340	Unidentified	0.03
71.578	Hydroxyeremophilone	26.82
71.849	Unidentified	0.58
72.559	Unidentified	0.03
73.395	9-Hydroxy-1,7(11),9-eremophilatrien-8-one	5.66
74.481	Unidentified	0.11
74.748	Unidentified	0.10
75.215	Unidentified	0.10
75.456	Unidentified	0.05
76.057	Unidentified	0.04
77.714	Unidentified	0.09

Chromatogram Buddhawood - Edens Garden



Comments:

The analysis of this Buddhawood batch sample meets the expected chemical profile for authentic essential oil of *Eremophila mitchellii*. 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.

R.Time	Name	Area%
78.758	Unidentified	0.12
80.918	Unidentified	0.03
82.576	Unidentified	0.05
97.189	Unidentified	0.06
		100.00