

Sample Information

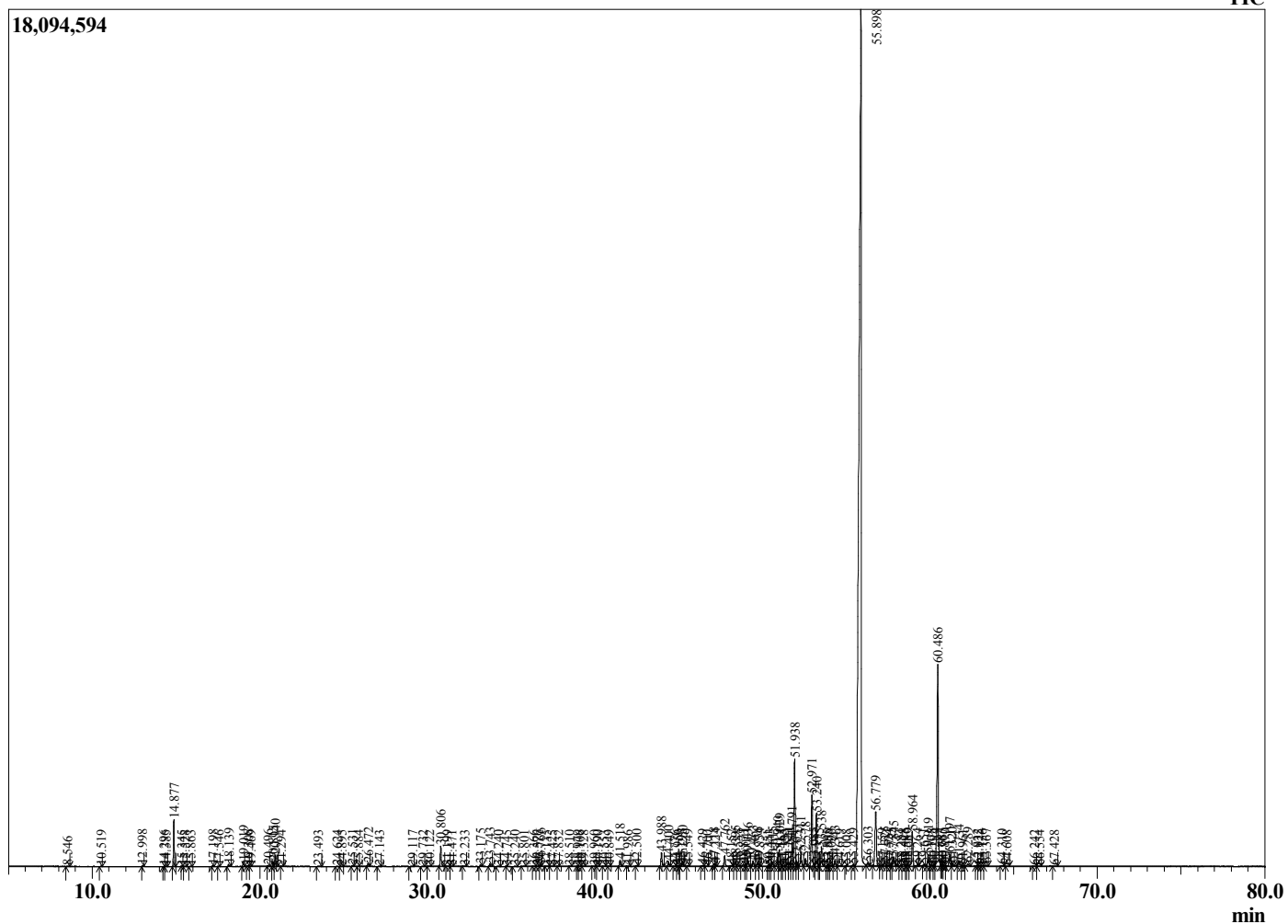
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 12/10/2020 7:55:47 PM
 Sample Type : Essential Oil
 Sample Name : Oplopanax horridus
 Sample ID : EOU201210A
 Injection Volume : 0.10
 Instrument ID : GC-2



Peak Report TIC

R.Time	Name	Area%
8.546	Hexanal	0.01
10.519	Unidentified	0.00
12.998	Heptanal	0.02
14.296	Unidentified	0.00
14.385	(E)-1,3-Nonadiene	0.01
14.877	alpha-Pinene	1.21
15.345	Unidentified	0.01
15.528	Unidentified	0.01
15.863	Camphene	0.01
17.198	Sabinene	0.03
17.546	beta-Pinene	0.02
18.139	Myrcene	0.07
19.019	Decanal	0.16
19.308	alpha-Phellandrene	0.02
19.469	delta-3-Carene	0.01
20.496	para-Cymene	0.02
20.815	Limonene	0.16
20.940	beta-Phellandrene	0.34
21.294	6-Methyl-2-heptyl acetate	0.01
23.493	1-Octanol	0.01
24.624	Unidentified	0.00
24.895	Unidentified	0.01
25.531	Linalool	0.03
25.884	Nonanal	0.02
26.472	Unidentified	0.10
27.143	Decadiene isomer	0.01
29.117	3-isopropyl-2-methoxy-5-methyl-Pyrazine	0.01
29.732	(E)-2-Nonenal	0.01
30.122	2-sec-butyl-3-Methoxypyrazine	0.01
30.806	Undeca-1,3,5-triene	0.72
31.199	Ectocarpene	0.02
31.471	Undecatriene isomer	0.01
32.233	Unidentified	0.01
33.175	Octyl acetate	0.05
33.743	Unidentified	0.10
34.240	Unidentified	0.01
34.745	Unidentified	0.01
35.240	Unidentified	0.01
35.801	(Z)-2-Decenal	0.01
36.366	Unidentified	0.01
36.576	(Z)-5-Decen-1-ol	0.01
36.766	(E)-2-Decenal	0.05
37.135	Unidentified	0.02
37.425	1-Decanol	0.01
37.832	Unidentified	0.01
38.510	Unidentified	0.01
38.979	(E,Z)-2,4-Decadienal	0.01
39.106	Unidentified	0.02
39.328	Unidentified	0.01
39.960	4-vinyl-Guaiacol	0.01
40.190	Unidentified	0.01
40.553	(E,E)-2,4-Decadienal	0.01
40.849	Bicyclogermacrene	0.02
41.518	delta-Elemene	0.22
41.986	Unidentified	0.01
42.500	alpha-Cubebene	0.03
43.988	alpha-Ylangene	0.52
44.400	alpha-Copaene	0.17
44.776	cis-beta-Elemene	0.01
44.956	9-Decenyl acetate?	0.03
45.195	beta-Cubebene	0.03
45.250	trans-beta-Elemene	0.20

Chromatogram Oplopanax horridus



R.Time	Name	Area%
45.549	Unidentified	0.03
46.429	alpha-Gurjunene	0.04
46.700	Unidentified	0.01
47.118	beta-Ylangene	0.09
47.224	beta-Caryophyllene	0.06
47.762	gamma-Elemene	0.42
48.152	Unidentified	0.03
48.395	Unidentified	0.21
48.538	6,9-Guaiaadiene	0.06
48.871	trans-Murrola-3,5-diene + Unidentified	0.08
49.041	Unidentified	0.09
49.136	trans-beta-Farnesene	0.30
49.463	alpha-Humulene	0.18
49.736	Alloaromadendrene	0.15
49.854	cis-Cadina-1(6),4-diene	0.05
50.351	Unidentified	0.01
50.443	10-beta-H-Cadina-1(6),4-diene	0.03
50.615	trans-Cadina-1(6),4-diene	0.15
50.940	Ar-Curcumene	0.50
51.029	Germacrene D	0.61
51.165	Unidentified	0.03
51.335	Unidentified	0.03
51.521	beta-Selinene	0.14
51.641	Viridiflorene	0.15
51.791	alpha-Zingiberene	0.84
51.938	Bicyclogermacrene	4.05
52.057	alpha-Murolene	0.18
52.311	(E,E)-alpha-Farnesene	0.55
52.578	beta-Bisabolene	0.29
52.971	gamma-Cadinene	2.70
53.085	Cubebol	0.01
53.240	delta-Cadinene	1.91
53.375	trans-Calamenene	0.03
53.538	beta-Sesquiphellandrene	0.67
53.895	Unidentified	0.03
53.959	Unidentified	0.03
54.096	trans-Cadina-1,4-diene	0.03
54.343	alpha-Cadinene	0.17
54.619	alpha-Calacorene	0.05
55.008	Elemol	0.02
55.429	Unidentified	0.05
55.898	trans-Nerolidol	64.79
56.303	Unidentified	0.11
56.779	Spathulenol	2.71
57.159	Unidentified	0.04
57.325	Globulol	0.16
57.524	Unidentified	0.02
57.725	Unidentified	0.07
57.845	Guaiol	0.45
58.284	Unidentified	0.02
58.428	Unidentified	0.08
58.586	Unidentified	0.03
58.689	Humulene epoxide II	0.03
58.964	1-epi-Cubenol	1.34
59.264	Unidentified	0.03
59.651	Unidentified	0.06
59.919	Unidentified	0.45
60.108	alpha-Eudesmol	0.03
60.284	Unidentified	0.03
60.486	tau-Cadinol	8.51
60.687	delta-Cadinol	0.02
60.765	Unidentified	0.01
60.870	Unidentified	0.01

R.Time	Name	Area%
61.197	alpha-Cadinol	0.53
61.320	Pogostol	0.12
61.734	Bulnesol	0.24
61.961	Unidentified	0.02
62.289	Unidentified	0.11
62.832	Unidentified	0.02
62.925	Unidentified	0.02
63.136	Unidentified	0.02
63.367	Unidentified	0.05
64.310	Unidentified	0.03
64.608	Unidentified	0.01
66.242	Unidentified	0.01
66.554	Unidentified	0.01
67.428	Unidentified	0.04
		100.00