

Sample Information

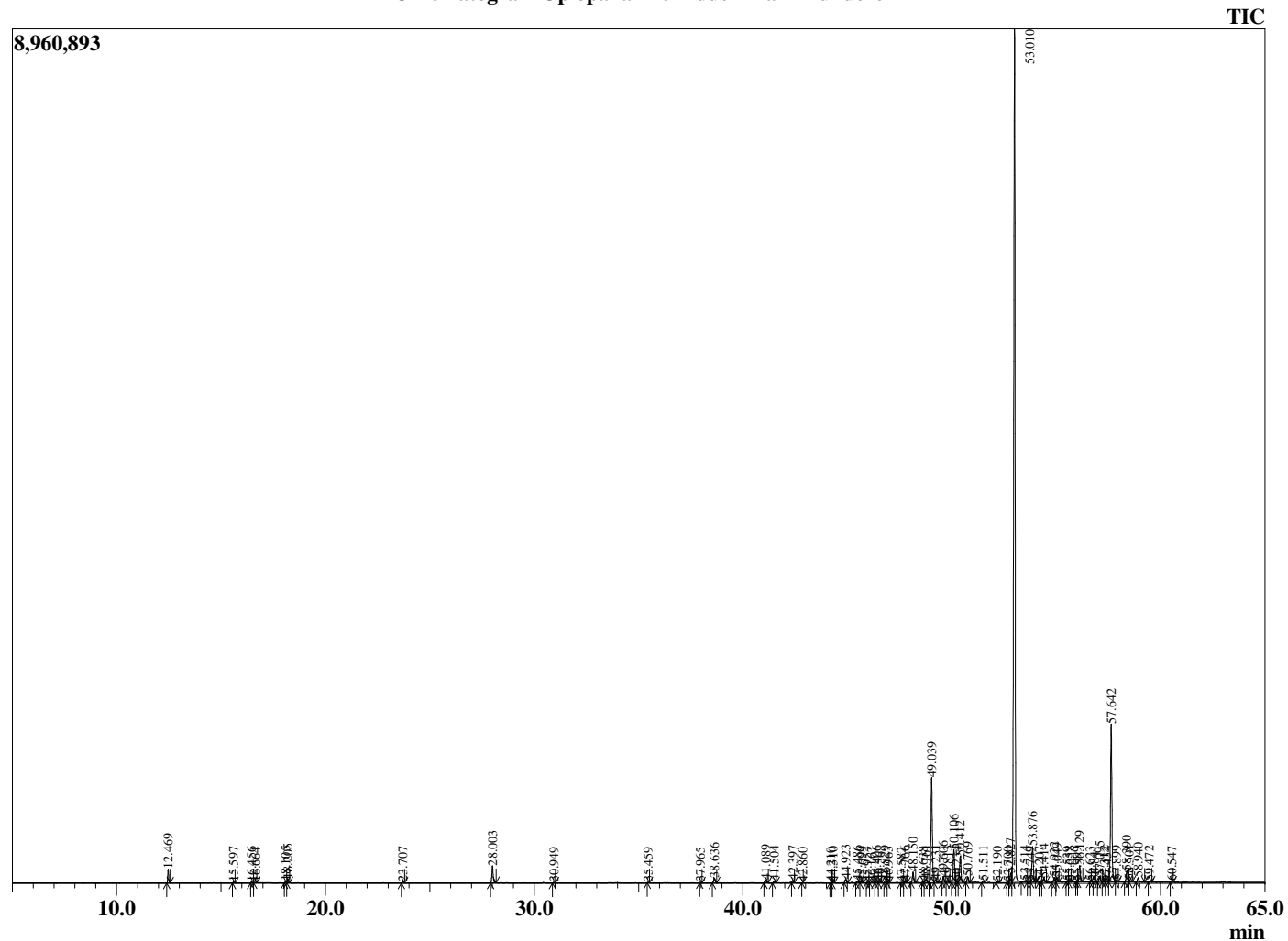
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 10/7/2019 8:13:09 PM  
 Sample Type : Essential Oil  
 Sample Name : Oplopanax horridus - Mark Dundore  
 Sample ID : EOU191007A  
 Injection Volume : 0.10  
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
12.469	alpha-Pinene	0.65
15.597	Myrcene	0.04
16.456	Octanal	0.05
16.664	alpha-Phellandrene	0.02
18.105	Limonene	0.09
18.205	beta-Phellandrene	0.20
23.707	Unidentified	0.06
28.003	Undeca-1,3,5-triene	1.12
30.949	Unidentified	0.03
35.459	Bornyl acetate	0.02
37.965	Bicyclogermacrene	0.02
38.636	delta-Elemene	0.35
41.089	alpha-Ylangene	0.21
41.504	alpha-Copaene	0.13
42.397	beta-Elemene	0.16
42.860	Unidentified	0.01
44.210	beta-Ylangene	0.03
44.310	beta-Caryophyllene	0.06
44.923	gamma-Elemene	0.24
45.486	Aromadendrene	0.14
45.699	Unidentified	0.06
45.957	Unidentified	0.02
46.167	6,9-Guaiadiene	0.07
46.406	trans-beta-Farnesene	0.13
46.561	alpha-Humulene	0.12
46.829	Alloaromadendrene	0.14
46.963	cis-Cadina-1(6),4-diene	0.03
47.582	10-beta-H-Cadina-1(6),4-diene	0.02
47.766	trans-Cadina-1(6),4-diene	0.10
48.150	Germacrene D	0.74
48.638	beta-Selinene	0.07
48.761	Viridiflorene (Ledene)	0.25
49.039	Bicyclogermacrene	7.29
49.231	alpha-Murolene	0.18
49.606	(E,E)-alpha-Farnesene	0.39
49.813	beta-Bisabolene	0.12
50.106	gamma-Cadinene	2.27
50.234	Cubebol	0.07
50.412	delta-Cadinene	1.80
50.769	beta-Sesquiphellandrene	0.40
51.511	alpha-Cadinene	0.11
52.190	Elemol	0.05
52.700	Unidentified	0.03
52.827	Germacrene B	0.65
53.010	trans-Nerolidol	62.45
53.514	Unidentified	0.13
53.749	Unidentified	0.04
53.876	Spathulenol	2.55
54.207	Caryophyllene oxide	0.03
54.414	Globulol	0.29
54.922	Viridiflorol	0.37
55.049	Guaiol	0.35
55.539	Unidentified	0.05
55.658	Eudesm-5-en-11-ol	0.07
55.999	Unidentified	0.02
56.129	1,10-di-epi-Cubanol	1.19
56.623	Unidentified	0.01
56.841	1-epi-Cubanol	0.06
57.095	Unidentified	0.42
57.312	Eudesmol isomer	0.04
57.434	Unidentified	0.02
57.642	alpha-Murolol (=Torreyol)	11.54

Chromatogram Oplopanax horridus - Mark Dundore



Comments:

R.Time	Name	Area%
57.899	delta-Cadinol	0.11
58.390	alpha-Cadinol	0.91
58.501	Pogostol	0.11
58.940	Bulnesol	0.38
59.472	Unidentified	0.06
60.547	Unidentified	0.05
		100.00