

Sample Information

Analyzed by : Dr. Robert S. Pappas
 Analyzed : 7/20/2018 3:36:56 AM
 Sample Type : Essential Oil
 Sample Name : Opoponax - Edens Garden
 Sample ID : AH06GM
 Injection Volume : 0.10
 Instrument ID : GC-2

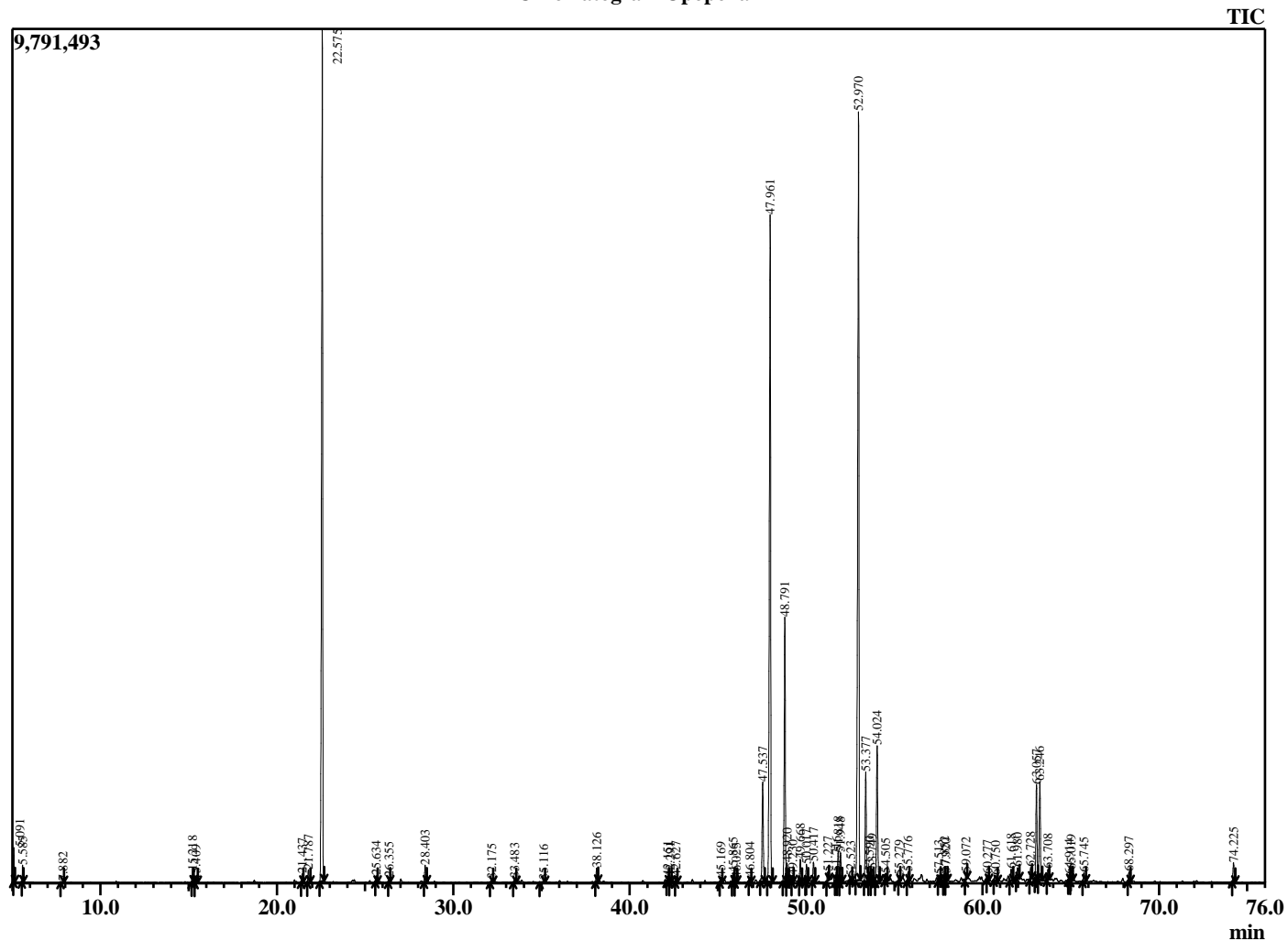


Peak Report TIC

R.Time	Name	Area%
5.091	Methylcyclopentane	0.38
5.585	Cyclohexane	0.19
7.882	Toluene	0.02
15.218	2,7-Dimethyloxepine	0.21
15.409	alpha-Pinene	0.04
21.437	Limonene	0.17
21.787	Z-beta-Ocimene	0.30
22.575	E-beta-Ocimene	22.53
25.634	Rosefuran	0.12
26.355	6-Methyl-3,5-heptadien-2-one	0.10
28.403	4-acetyl-1-methyl-Cyclohexane	0.39
32.175	4-methyl-Acetophenone	0.08
33.483	Opoponax unidentified	0.10
35.116	Opoponax unidentified	0.06
38.126	1-Decanol	0.32
42.151	Opoponax unidentified	0.12
42.291	Opoponax unidentified	0.11
42.627	Opoponax unidentified	0.14
45.169	Cyclosativene	0.12
45.865	epi-Sesquithujene isomer	0.24
46.025	beta-Elementene	0.09
46.804	7-epi-Sesquithujene	0.11
47.537	cis-alpha-Bergamotene	2.78
47.961	alpha-Santalene	19.88
48.791	trans-alpha-Bergamotene	7.00
48.920	Opoponax unidentified	0.48
49.230	Z-beta-Farnesene	0.14
49.668	epi-beta-Santalene	0.59
50.017	E-beta-Farnesene	0.44
50.417	beta-Santalene	0.49
51.227	1-Dodecanol	0.20
51.716	Ar-Curcumene	0.23
51.818	Germacrene D	0.83
51.948	Farnesene isomer	0.75
52.523	Curzerene	0.11
52.970	alpha-Bisabolene	23.10
53.377	beta-Bisabolene	3.08
53.590	beta-Himachalene	0.23
53.749	Opoponax unidentified	0.31
54.024	Teresantalic acid	3.79
54.505	E-gamma-Bisabolene	0.23
55.279	Bisabolene isomer	0.12
55.776	alpha-Elementol	0.23
57.513	Spathulenol	0.16
57.852	Opoponax unidentified	0.26
57.920	Opoponax unidentified	0.17
59.072	Longiborneol	0.16
60.277	Furanoedesma-1,3-diene	0.10
60.750	Opoponax unidentified	0.24
61.618	Opoponax unidentified	0.37
61.980	Cubanol	0.34
62.728	Z-alpha-trans-Bergamotol	0.28
63.057	Opoponax unidentified	2.53
63.246	Opoponax unidentified	2.78
63.708	alpha-Bisabolol	0.26
64.914	Opoponax unidentified	0.13
65.019	Opoponax unidentified	0.28
65.745	Opoponax unidentified	0.25
68.297	Opoponax unidentified	0.25
74.225	Opoponax unidentified	0.51
		100.00

This report is not valid 1 year after the report date.

Chromatogram Opoponax



Comments:

The analysis of this Opoponax batch sample meets the expected chemical profile for authentic essential oil of Commiphora erythraea. No contamination or adulteration was detected.