

Sample Information

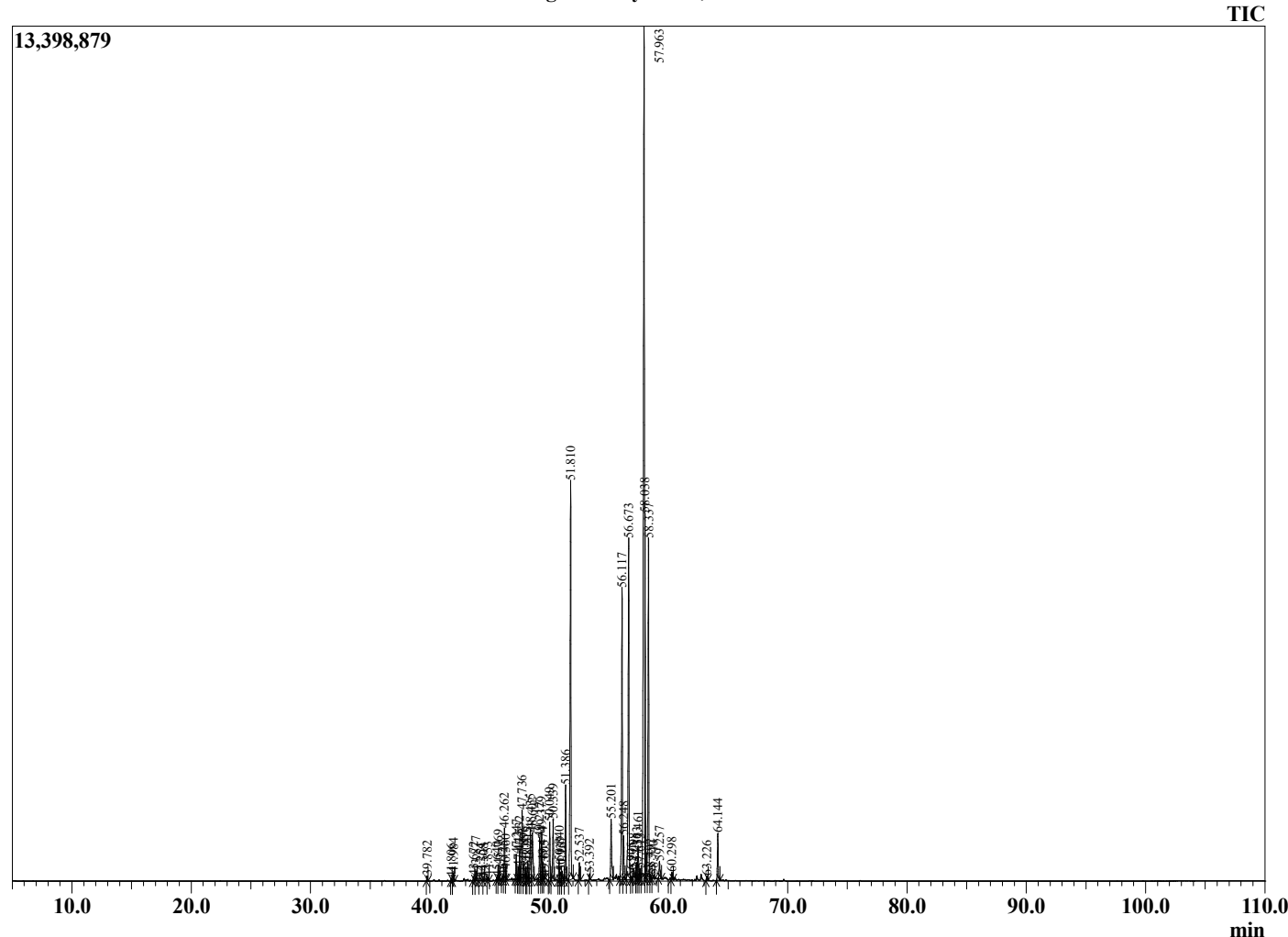
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 1/10/2023 9:00:37 AM
 Sample Type : Essential Oil
 Sample Name : Amyris Oil, Haiti-Revive
 Sample ID : 0A
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
39.782	unidentified	0.12
41.806	unidentified	0.05
41.984	beta-Elemene	0.18
43.672	alpha-Cedrene	0.09
43.877	trans-Caryophyllene	0.24
44.254	unidentified	0.11
44.508	gamma-Elemene	0.04
44.853	unidentified	0.10
45.640	beta-epi-Santalene	0.09
45.769	beta-Acoradiene	0.36
46.125	alpha-Humulene	0.11
46.262	beta-Acoradiene	1.28
46.360	Isosativene	0.16
47.247	unidentified	0.58
47.443	unidentified	0.29
47.532	gamma-Curcumene	0.69
47.736	alpha-Curcumene	1.61
47.896	unidentified	0.56
48.104	delta-Selinene	0.17
48.215	beta-Selinene	0.44
48.435	beta-Guaiene	1.33
48.602	alpha-Zingiberene	1.73
49.212	unidentified	0.99
49.379	unidentified	1.16
49.474	unidentified	0.36
49.605	unidentified	0.07
50.049	unidentified	1.42
50.339	beta-Sesquiphellandrene	1.63
50.840	unidentified	0.47
50.937	unidentified	0.25
51.102	Selina-4(15),7(11)-diene	0.29
51.386	unidentified	2.35
51.810	Elemol	10.97
52.537	Nerolidol	0.42
53.392	Maaliol	0.14
55.201	5-epi-7-epi-alpha-Eudesmol	1.98
56.117	10-epi-gamma-Eudesmol	7.70
56.248	unidentified	1.18
56.673	gamma-Eudesmol	9.51
56.905	Eremoligenol isomer	0.09
57.098	Hinesol	0.45
57.363	alpha-Isocomene	0.42
57.461	unidentified	0.90
57.613	unidentified	0.31
57.963	Valerianol	29.41
58.038	alpha-Eudesmol + beta-Eudesmol	6.30
58.337	7-epi-alpha-Eudesmol	8.54
58.492	Cubenol	0.15
58.740	unidentified	0.10
59.257	beta-Vetivenene	0.55
60.298	Globulol	0.22
63.226	Manool	0.12
64.144	Drimenol	1.20
		100.00

Chromatogram Amyris Oil, Haiti-Revive



Comments:

The analysis of this Amyris batch sample meets the expected chemical profile for authentic essential oil of *Amyris balsamifera*. 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.