

Sample Information

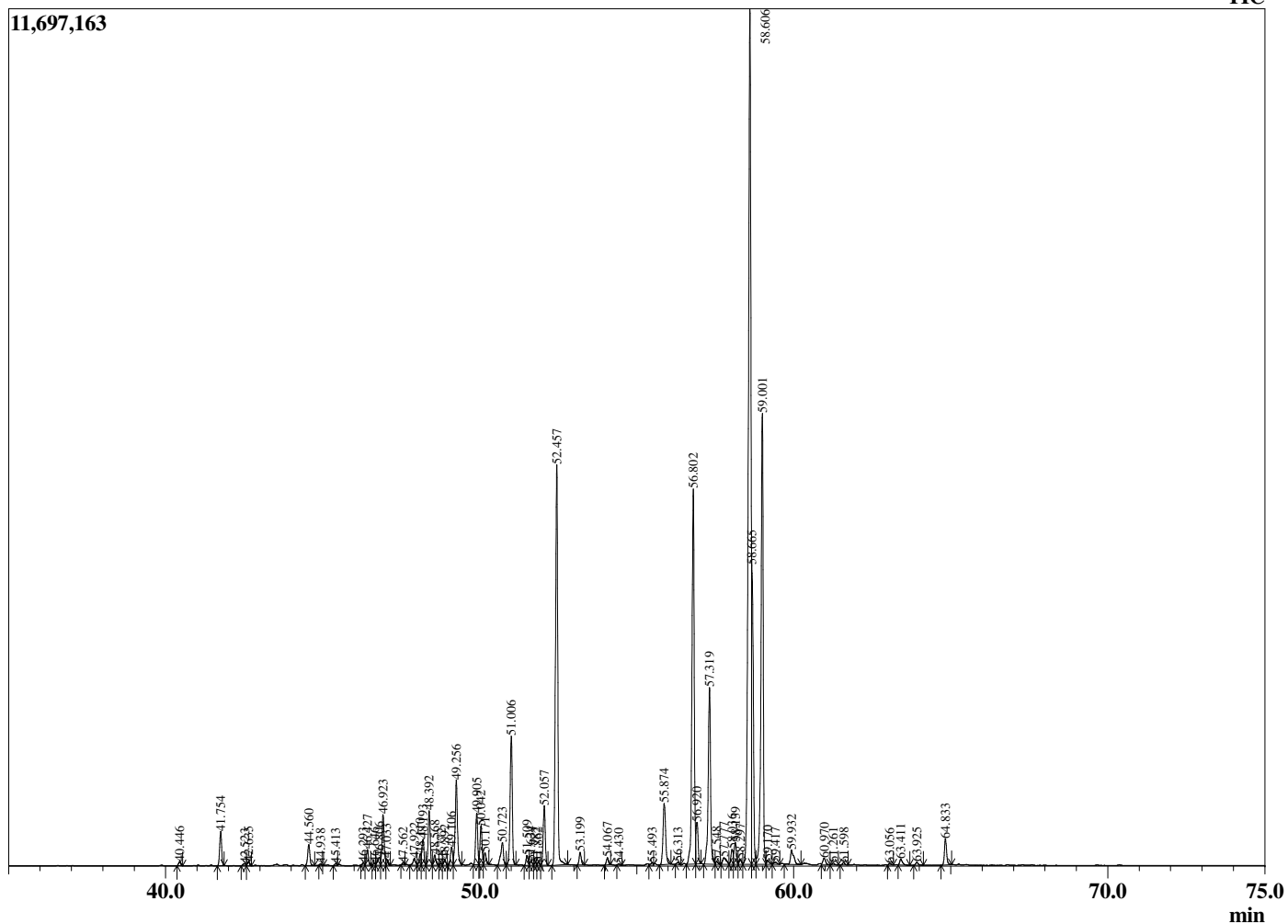
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 4/5/2019 9:52:06 PM
 Sample Type : Essential Oil
 Sample Name : Amyris - Revive
 Sample ID : G0C0305S
 Injection Volume : 0.10
 Instrument ID : GC-4



Peak Report TIC

R.Time	Name	Area%
40.446	Unidentified	0.10
41.754	alpha-Copaene	0.85
42.523	Unidentified	0.07
42.635	beta-Elementene	0.10
44.560	beta-Caryophyllene	0.58
44.938	Unidentified	0.04
45.413	trans-alpha-Bergamotene	0.05
46.293	epi-beta-Santalene	0.06
46.427	Unidentified	0.39
46.646	trans-beta-Farnesene	0.06
46.806	alpha-Humulene	0.27
46.923	Unidentified	1.36
47.033	beta-Santalene	0.14
47.562	Unidentified	0.04
47.922	beta-Chamigrene	0.22
48.110	Epizonarene	0.27
48.193	gamma-Curcumene	0.68
48.392	Ar-Curcumene	1.37
48.568	Unidentified	0.28
48.772	delta-Selinene	0.04
48.892	beta-Selinene	0.14
49.106	Valencene	0.50
49.256	alpha-Zingiberene	2.50
49.905	4-epi-cis-Dihydroagarofuran	1.32
50.042	beta-Bisabolene	0.97
50.171	Dihydroagarofuran isomer	0.31
50.723	(-)-alpha-Panasinene	0.78
51.006	beta-Sesquiphellandrene	3.52
51.509	alpha-Maalinene	0.26
51.634	Unidentified	0.12
51.782	Eremophilene isomer	0.07
51.862	Unidentified	0.07
52.057	Selina-3,7(11)-diene	1.55
52.457	Elemol	11.36
53.199	trans-Nerolidol	0.33
54.067	Unidentified	0.18
54.430	Caryophyllene oxide	0.04
55.493	Unidentified	0.08
55.874	5-epi-7-epi-alpha-Eudesmol	2.02
56.313	Unidentified	0.06
56.802	10-epi-gamma-Eudesmol	10.69
56.920	Eremoligenol isomer	1.07
57.319	gamma-Eudesmol	5.31
57.548	Unidentified	0.08
57.777	Hinesol	0.29
58.036	Unidentified	0.40
58.139	Unidentified	0.62
58.297	Unidentified	0.16
58.606	Valerianol	27.68
58.665	alpha-Eudesmol + beta-Eudesmol	5.80
59.001	7-epi-alpha-Eudesmol	12.41
59.170	Unidentified	0.15
59.417	Unidentified	0.10
59.932	Unidentified	0.62
60.970	Unidentified	0.25
61.261	Unidentified	0.07
61.598	Unidentified	0.07
63.056	Unidentified isomer 1	0.05
63.411	Unidentified isomer 1	0.20
63.925	Unidentified	0.10
64.833	Drimenol	0.72
		100.00

Chromatogram Amyris - 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.