

Sample Information

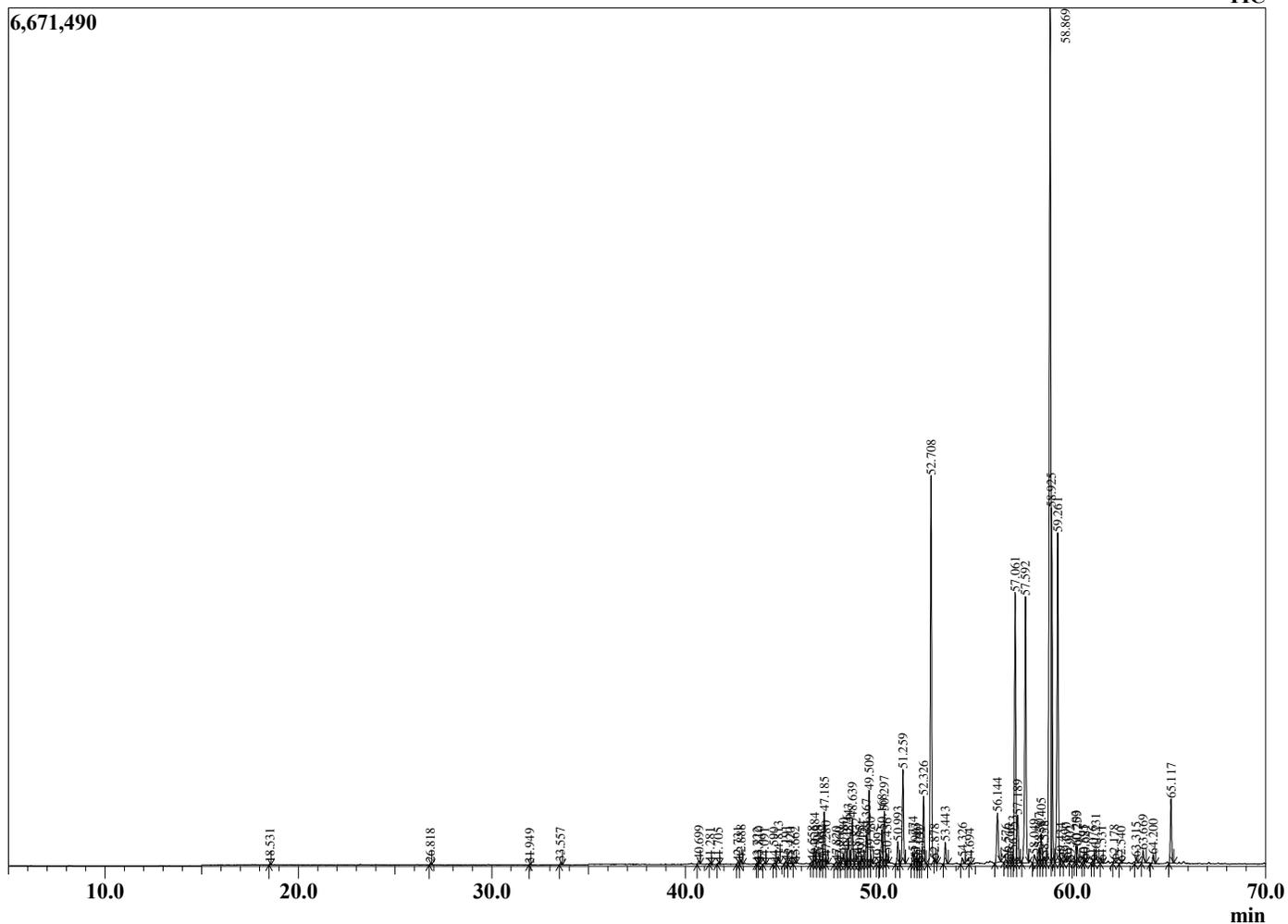
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/17/2021 3:25:37 AM
 Sample Type : Essential Oil
 Sample Name : Amyris Oil - Edens Garden
 Sample ID : BB22AB
 Injection Volume : 0.10
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
18.531	Limonene	0.03
26.818	Citronellal	0.04
31.949	Citronellol	0.01
33.557	Geraniol	0.05
40.699	Unidentified	0.09
41.281	Unidentified	0.03
41.705	Unidentified	0.03
42.731	Unidentified	0.06
42.888	beta-Elemene	0.11
43.722	Unidentified	0.02
43.810	Unidentified	0.05
44.091	cis-beta-Caryophyllene	0.04
44.590	Unidentified	0.01
44.813	trans-beta-Caryophyllene	0.22
45.191	Unidentified	0.06
45.420	gamma-Elemene	0.05
45.662	trans-alpha-Bergamotene	0.04
46.558	epi-beta-Santalene	0.06
46.684	alpha-Acoradiene	0.41
46.888	(E)-beta-Farnesene	0.07
47.052	alpha-Humulene	0.18
47.185	beta-Acoradiene	1.47
47.280	Unidentified	0.14
47.820	Unidentified	0.08
47.960	Unidentified	0.03
48.180	Unidentified	0.29
48.376	trans-Cadina-1(6),4-diene	0.26
48.443	gamma-Curcumene	0.75
48.639	Ar-Curcumene	1.22
48.832	Unidentified	0.31
49.035	delta-Selinene	0.07
49.154	beta-Selinene	0.20
49.367	Valencene	0.83
49.509	alpha-Zingiberene	2.30
49.580	Unidentified	0.18
49.995	Unidentified	0.04
50.168	4-epi-cis-Dihydroagarofuran	0.92
50.297	beta-Bisabolene	1.34
50.436	Dihydroagarofuran	0.26
50.993	(-)-alpha-Panasinsen	0.63
51.259	beta-Sesquiphellandrene	2.60
51.774	alpha-Maaliene	0.32
51.903	Unidentified	0.18
52.040	Selina-4(15),7(11)-diene	0.13
52.132	Unidentified	0.05
52.326	Selina-3,7(11)-diene	1.83
52.708	alpha-Elemol	10.87
52.878	Unidentified	0.01
53.443	(E)-Nerolidol	0.57
54.326	Unidentified	0.16
54.694	Caryophyllene oxide	0.01
56.144	5-epi-7-epi-alpha-Eudesmol	1.69
56.576	Zingiberenol	0.09
56.766	Unidentified	0.08
56.953	Unidentified	0.24
57.061	10-epi-gamma-Eudesmol	7.53
57.189	Unidentified	1.43
57.592	gamma-Eudesmol	8.02
58.049	Hinesol	0.34
58.307	Unidentified	0.41
58.405	Unidentified	0.83
58.558	Unidentified	0.20

Chromatogram Amyris Oil - Edens Garden



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.

R.Time	Name	Area%
58.869	Valerianol	28.20
58.925	alpha-Eudesmol + beta-Eudesmol	7.44
59.261	7-epi-alpha-Eudesmol	9.47
59.434	Unidentified	0.12
59.690	Unidentified	0.11
59.902	Unidentified	0.03
60.203	Unidentified	0.36
60.259	Unidentified	0.40
60.595	alpha-Bisabolol	0.07
60.681	Unidentified	0.06
61.076	Unidentified	0.06
61.231	Unidentified	0.46
61.531	Unidentified	0.06
62.178	(2E,6E)-Farnesol	0.08
62.540	Unidentified	0.04
63.315	Unidentified	0.14
63.669	Unidentified	0.37
64.200	Unidentified	0.27
65.117	Drimenol	1.73
		100.00