

Sample Information

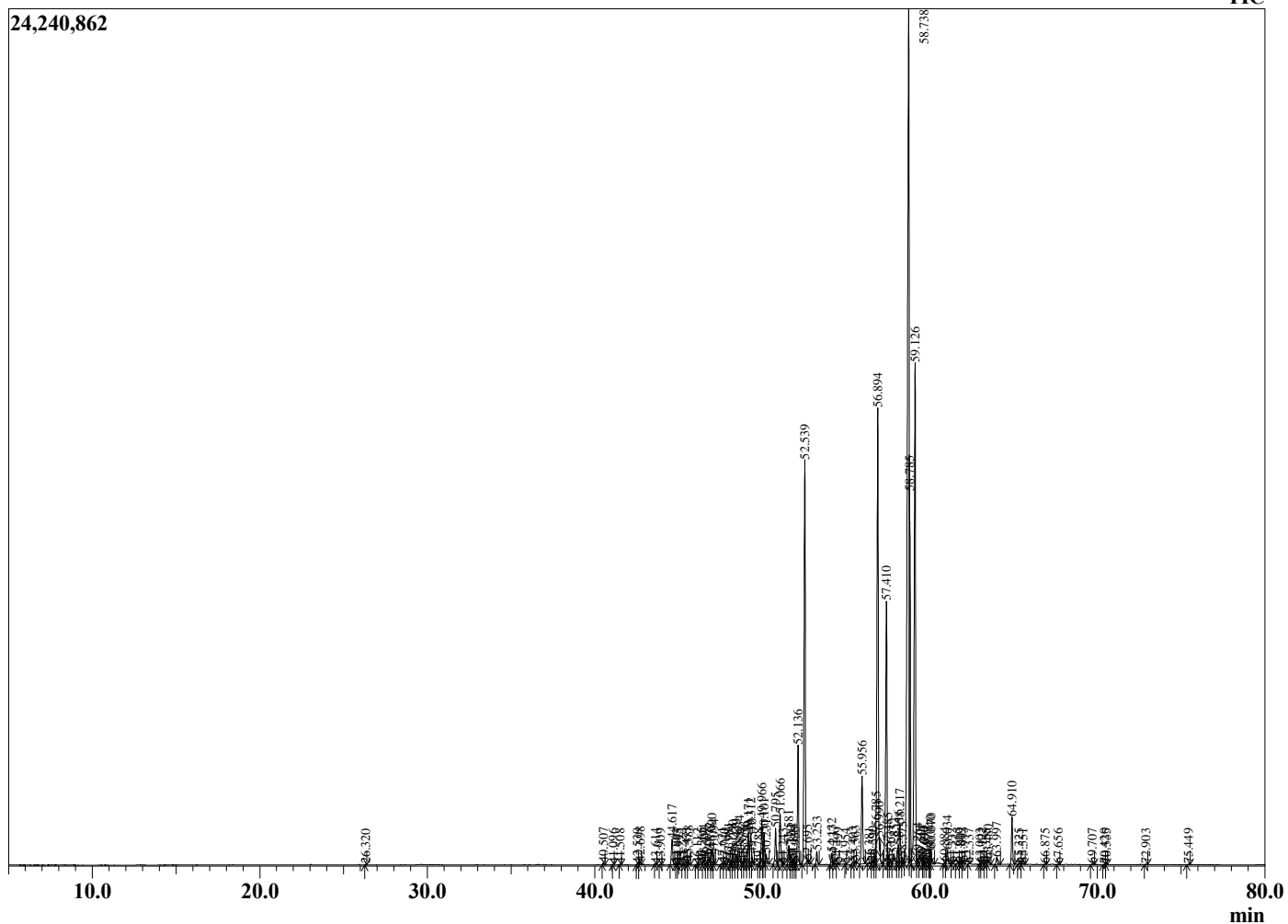
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 5/28/2021 9:52:09 PM  
 Sample Type : Essential Oil  
 Sample Name : Amyris - Revive  
 Sample ID : 0604  
 Injection Volume : 0.10  
 Instrument ID: GC-3



Peak Report TIC

R.Time	Name	Area%
26.320	Camphor	0.01
40.507	Unidentified	0.04
41.096	Unidentified	0.01
41.508	Unidentified	0.01
42.539	Unidentified	0.03
42.698	beta-Elemene	0.06
43.614	Unidentified	0.02
43.909	Unidentified	0.02
44.617	trans-beta-Caryophyllene	0.68
44.883	Unidentified	0.02
44.995	Unidentified	0.03
45.222	gamma-Elemene	0.01
45.471	trans-alpha-Bergamotene	0.06
45.588	Unidentified	0.08
46.112	Unidentified	0.02
46.365	epi-beta-Santalene	0.07
46.494	alpha-Acoradiene	0.10
46.698	(E)-beta-Farnesene	0.05
46.872	alpha-Humulene	0.19
46.990	beta-Acoradiene	0.37
47.094	Unidentified	0.21
47.621	Unidentified	0.05
47.740	Unidentified	0.04
47.981	Unidentified	0.14
48.178	Unidentified	0.10
48.250	gamma-Curcumene	0.20
48.449	Ar-Curcumene	0.23
48.634	Unidentified	0.33
48.838	delta-Selinene	0.06
48.956	beta-Selinene	0.15
49.171	Valencene	0.72
49.312	alpha-Zingiberene	0.84
49.370	alpha-Selinene	0.15
49.788	Unidentified	0.01
49.966	4-epi-cis-Dihydroagarofuran	0.98
50.101	Unidentified	0.66
50.231	Dihydroagarofuran	0.24
50.795	(-)-alpha-Panasinsen	0.81
51.066	beta-Sesquiphellandrene	1.24
51.243	(E)-gamma-Bisabolene	0.01
51.581	alpha-Maaliene	0.41
51.720	Unidentified	0.10
51.844	Selina-4(15),7(11)-diene	0.12
51.935	Unidentified	0.05
52.136	Selina-3,7(11)-diene	2.57
52.539	alpha-Elemol	10.19
52.695	Unidentified	0.01
53.253	(E)-Nerolidol	0.29
54.132	Unidentified	0.25
54.237	Unidentified	0.08
54.499	Caryophyllene oxide	0.04
54.954	Unidentified	0.02
55.403	Eudesm-5-en-11-ol	0.06
55.563	Unidentified	0.09
55.956	5-epi-7-epi-alpha-Eudesmol	2.30
56.381	cis-Zingiberenol	0.05
56.590	Unidentified	0.07
56.785	Unidentified	0.43
56.894	10-epi-gamma-Eudesmol	12.29
56.990	Unidentified	0.05
57.410	gamma-Eudesmol	6.92
57.485	Unidentified	0.21

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.

R.Time	Name	Area%
57.631	Unidentified	0.12
57.852	Hinesol	0.36
58.116	Unidentified	0.44
58.217	Unidentified	1.01
58.373	Unidentified	0.18
58.738	Valerianol	29.35
58.785	alpha-Eudesmol + beta-Eudesmol	6.30
59.126	7-epi-alpha-Eudesmol	13.28
59.264	Unidentified	0.16
59.501	Unidentified	0.17
59.611	Unidentified	0.07
59.690	Unidentified	0.06
59.877	Unidentified	0.06
60.040	Unidentified	0.24
60.070	Unidentified	0.31
60.884	Unidentified	0.05
61.034	Unidentified	0.38
61.332	Unidentified	0.02
61.663	Unidentified	0.05
61.849	Unidentified	0.02
61.993	(2E,6E)-Farnesol	0.05
62.337	Unidentified	0.01
63.003	Unidentified	0.03
63.122	Unidentified	0.05
63.355	Unidentified	0.03
63.480	Unidentified	0.12
63.997	Albicanol	0.18
64.910	Drimenol	1.08
65.325	Unidentified	0.02
65.551	Unidentified	0.02
66.875	Unidentified	0.02
67.656	Unidentified	0.01
69.707	Unidentified	0.03
70.420	Unidentified	0.01
70.535	Unidentified	0.02
72.903	Unidentified	0.01
75.449	Unidentified	0.02
		100.00