

Sample Information

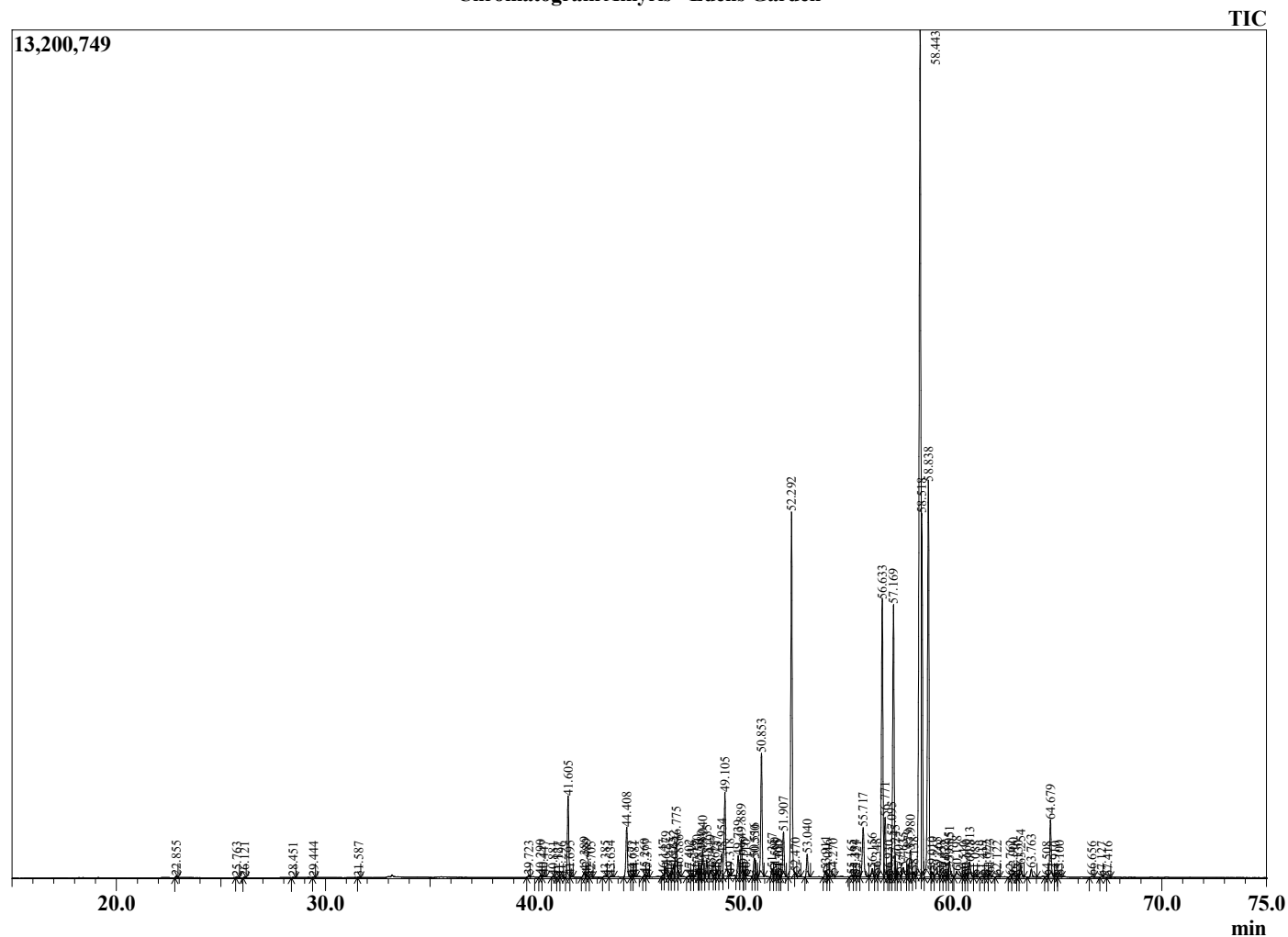
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 7/28/2022 6:36:17 PM  
 Sample Type : Essential Oil  
 Sample Name : Amyris - Edens Garden  
 Sample ID : BC17CA  
 Injection Volume : 0.10  
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
22.855	Linalool	0.03
25.763	Geijeren	0.02
26.121	Camphor	0.02
28.451	Terpinen-4-ol	0.02
29.444	alpha-Terpineol	0.01
31.587	Citronellol	0.01
39.723	alpha-Cubebene	0.04
40.290	Unidentified	0.05
40.447	Neryl acetate	0.05
40.881	Unidentified	0.02
41.127	Unidentified	0.02
41.296	Unidentified	0.02
41.605	alpha-Copaene	2.01
41.695	Geranyl acetate	0.03
42.389	Unidentified + beta-Cubebene	0.17
42.489	beta-Elemene	0.07
42.705	Unidentified	0.02
43.385	cis-alpha-Bergamotene + cis-beta-Caryophyll	0.06
43.634	Unidentified	0.05
44.408	trans-beta-Caryophyllene	1.40
44.672	Unidentified	0.03
44.781	Unidentified	0.05
45.260	trans-alpha-Bergamotene	0.07
45.377	Unidentified	0.05
46.147	epi-beta-Santalene	0.03
46.279	alpha-Acoradiene	0.25
46.495	(E)-beta-Farnesene	0.09
46.652	alpha-Humulene	0.33
46.775	beta-Acoradiene	0.91
46.886	beta-Santalene	0.16
47.402	Unidentified	0.05
47.516	Unidentified	0.02
47.770	Selina-4,11-diene	0.19
47.856	Unidentified	0.03
47.980	Amorpha-4,7(11)-diene	0.22
48.040	gamma-Curcumene	0.66
48.235	Ar-Curcumene	0.42
48.419	Unidentified + beta-Chamigrene	0.20
48.621	delta-Selinene	0.03
48.737	beta-Selinene	0.12
48.954	Valencene	0.62
49.105	alpha-Zingiberene + alpha-Selinene	2.54
49.318	alpha-Murolene	0.02
49.739	beta-Dihydroagarofuran	0.51
49.889	Unidentified	0.94
49.999	Dihydroagarofuran isomer	0.10
50.110	Unidentified	0.02
50.516	delta-Cadinene	0.46
50.550	(-)-alpha-Panasinsen	0.33
50.853	beta-Sesquiphellandrene	3.05
51.357	Unidentified	0.21
51.500	Unidentified	0.11
51.625	Selina-4(15),7(11)-diene	0.08
51.700	Unidentified	0.02
51.907	Selina-3,7(11)-diene	1.17
52.292	alpha-Elemol	9.55
52.470	Unidentified	0.01
53.040	(E)-Nerolidol	0.58
53.911	Unidentified	0.17
54.016	Santalenone	0.05
54.270	Caryophyllene oxide	0.09
55.165	Guaiol	0.06

Chromatogram Amyris - 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%
55.334	Unidentified	0.06
55.421	Unidentified	0.04
55.717	5-epi-7-epi-alpha-Eudesmol	1.62
56.156	cis-Zingiberenol	0.26
56.348	Unidentified	0.09
56.633	10-epi-gamma-Eudesmol	7.80
56.771	Guaiol	1.68
56.930	Unidentified	0.04
57.095	Unidentified	0.54
57.169	gamma-Eudesmol	7.13
57.245	Unidentified	0.26
57.407	Unidentified	0.13
57.635	Unidentified	0.42
57.879	Unidentified	0.32
57.980	Unidentified	0.77
58.138	Unidentified	0.17
58.443	Valerianol	27.19
58.518	alpha-Eudesmol + beta-Eudesmol	7.20
58.838	7-epi-alpha-Eudesmol	10.77
59.010	Unidentified	0.18
59.265	Unidentified	0.22
59.458	Unidentified	0.09
59.622	Unidentified	0.08
59.805	Unidentified	0.19
59.851	Unidentified	0.43
60.198	Unidentified	0.29
60.510	Unidentified	0.03
60.660	Unidentified	0.07
60.813	Unidentified	0.48
61.088	Unidentified	0.04
61.419	Unidentified	0.05
61.622	Unidentified	0.04
61.773	(2E,6E)-Farnesol	0.10
62.122	Unidentified	0.05
62.762	Unidentified	0.04
62.900	Unidentified	0.13
63.130	Unidentified	0.04
63.254	Unidentified	0.34
63.763	Albicanlol	0.23
64.508	Benzyl benzoate	0.03
64.679	Drimenol	1.58
64.910	Unidentified	0.03
65.100	Unidentified	0.05
66.656	Unidentified	0.03
67.127	Unidentified	0.01
67.416	Unidentified	0.02
		100.00