

Sample Information

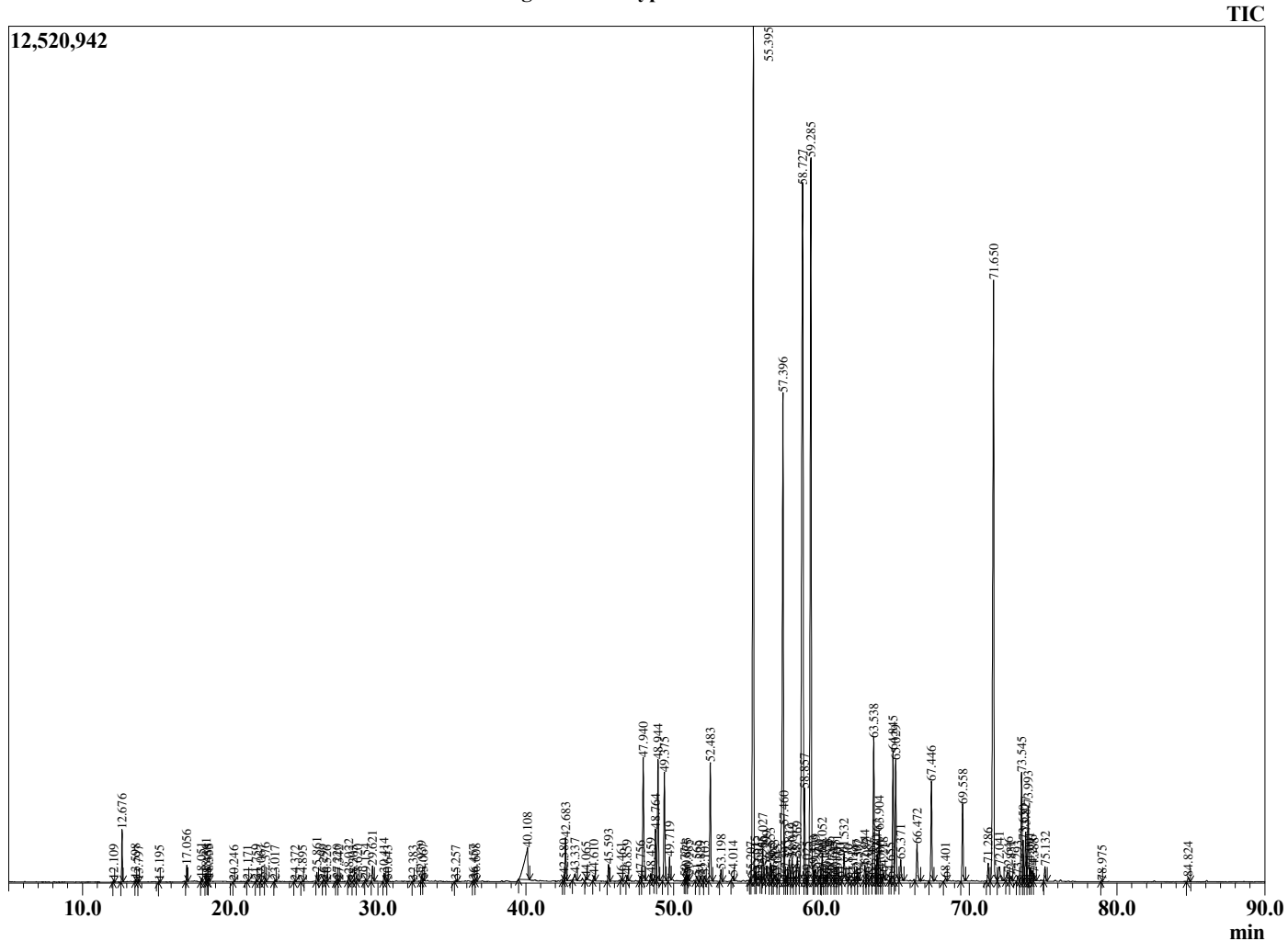
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 6/11/2021 12:15:37 AM
 Sample Type : Essential Oil
 Sample Name : Blue Cypress - Edens Garden
 Sample ID : BB01GG
 Injection Volume : 0.10
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
12.109	Tricyclene	0.02
12.676	alpha-Pinene	0.49
13.598	Camphene	0.03
13.797	Thuja-2,4(10)diene	0.01
15.195	beta-Pinene	0.02
17.056	delta-3-Carene	0.18
18.051	para-Cymene	0.04
18.361	Limonene	0.09
18.468	beta-Phellandrene	0.01
18.555	1,8-Cineole	0.03
20.246	gamma-Terpinene	0.01
21.171	Pinol	0.01
21.759	Unidentified	0.03
22.067	Terpinolene	0.02
22.376	para-Cymenene	0.04
23.017	Linalool	0.02
24.372	alpha-Fenchol	0.01
24.895	alpha-Campholenal	0.01
25.861	trans-Pinocarveol	0.11
26.299	Camphor	0.02
26.526	alpha-Phellandrene-8-ol	0.01
27.220	trans-Pinocamphone	0.03
27.342	Pinocarvone	0.01
28.022	Borneol	0.09
28.303	Isopinocampnone	0.01
28.620	Terpinen-4-ol	0.04
29.154	Terpineol isomer	0.03
29.621	alpha-Terpineol	0.23
30.414	Verbenone	0.10
30.643	Unidentified	0.01
32.383	trans-Myrtanol	0.02
32.939	Unidentified	0.06
33.067	Unidentified	0.02
35.257	Phellandral	0.02
36.457	Methyl myrtenate	0.02
36.608	Carvacrol	0.03
40.108	Myrtenoic acid	1.66
42.580	Myrtenoic acid isomer	0.10
42.683	beta-Elemene	0.60
43.337	Unidentified	0.16
44.065	alpha-Gurjunene	0.04
44.610	trans-beta-Caryophyllene	0.07
45.593	alpha-Guaiene	0.24
46.461	beta-Barbatene	0.04
46.859	alpha-Humulene	0.08
47.756	Unidentified	0.08
47.940	Unidentified	1.95
48.459	Unidentified	0.10
48.764	4-epi-cis-Dihydroarogarfuran	0.80
48.944	beta-Selinene	1.77
49.375	alpha-Selinene	1.61
49.719	alpha-Bulnesene	0.32
50.774	7-epi-alpha-Selinene	0.04
50.873	Unidentified	0.09
50.985	Unidentified	0.07
51.565	Unidentified	0.08
51.829	Selina-4(15),7(11)-diene	0.09
52.103	Selina-3,7(11)-diene	0.08
52.483	alpha-Elemol	1.73
53.198	Unidentified	0.16
54.014	Unidentified	0.09
55.207	Unidentified	0.05

Chromatogram Blue Cypress - Edens Garden



Comments:

The analysis of this Blue Cypress batch sample meets the expected chemical profile for authentic essential oil of *Callitris intratropica*. 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%
55.395	Guaiol	13.98
55.515	Unidentified	0.11
55.693	Unidentified	0.04
55.965	5-epi-7-epi-alpha-Eudesmol	0.09
56.027	Guaiol isomer	0.45
56.299	Rosifoliol	0.22
56.553	Unidentified	0.26
56.665	Unidentified	0.03
56.833	10-epi-gamma-Eudesmol	0.08
57.045	Unidentified	0.01
57.396	gamma-Eudesmol	8.26
57.460	Unidentified	0.58
57.595	Unidentified	0.08
57.822	Hinesol	0.35
58.019	Eudesmol isomer	0.39
58.227	Unidentified	0.11
58.369	Eudesmol isomer	0.44
58.727	alpha-Eudesmol	15.81
58.857	Unidentified	1.27
59.025	7-epi-alpha-Eudesmol	0.06
59.285	Bulnesol	12.11
59.473	Unidentified	0.16
59.599	Unidentified	0.23
59.860	Unidentified	0.10
60.052	Bulnesol isomer	0.44
60.174	Unidentified	0.06
60.358	Unidentified	0.10
60.546	Unidentified	0.22
60.745	Unidentified	0.07
60.945	Unidentified	0.11
61.071	Selin-7(11)-en-4-ol	0.22
61.260	Unidentified	0.05
61.532	Unidentified	0.52
61.830	Unidentified	0.01
62.118	Unidentified	0.04
62.397	Unidentified	0.08
62.502	Unidentified	0.10
62.944	Unidentified	0.23
63.082	Unidentified	0.16
63.367	Unidentified	0.11
63.538	gamma-Costol	2.25
63.710	Unidentified	0.10
63.767	alpha-Bisabolol oxide A	0.42
63.904	Unidentified	0.74
64.000	Unidentified	0.07
64.218	Unidentified	0.13
64.655	Unidentified	0.04
64.845	beta-Costol	2.01
65.029	alpha-Costol	1.89
65.371	Unidentified	0.37
66.472	Callitrin isomer	0.65
67.446	Callitrin	1.49
68.401	Unidentified	0.06
69.558	Callitrisin isomer	1.21
71.286	trans-Calamenene	0.28
71.650	Dihydrocolumellarin	10.81
72.041	Unidentified	0.41
72.646	Unidentified	0.20
72.831	Unidentified	0.09
73.293	Unidentified	0.08
73.545	Callitrisin isomer	1.77
73.650	Unidentified	0.52
73.827	Callitrisin isomer	0.73

R.Time	Name	Area%
73.993	Columellarin	1.18
74.091	Unidentified	0.15
74.276	Callitrisin isomer	0.20
74.388	Unidentified	0.12
75.132	Dihydrocallistrin	0.21
78.975	Abietatriene	0.01
84.824	Unidentified	0.08
		100.00