

Sample Information

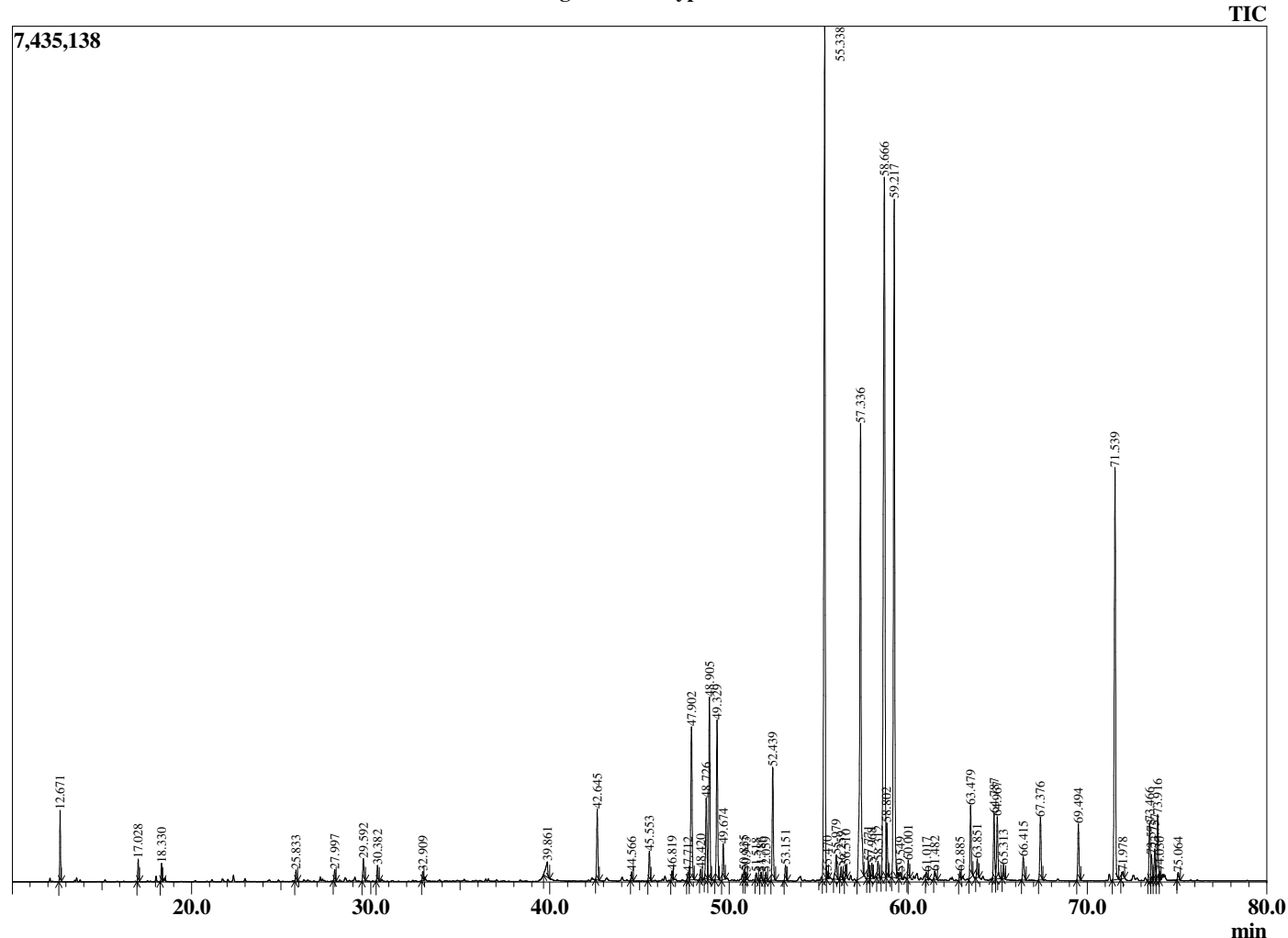
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/29/2019 1:02:04 PM
 Sample Type : Essential Oil
 Sample Name : Blue Cypress - Revive
 Sample ID : B0130N
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
12.671	alpha-Pinene	0.81
17.028	delta-3-Carene	0.29
18.330	Limonene	0.24
25.833	trans-Pinocarveol	0.17
27.997	Borneol	0.18
29.592	alpha-Terpineol	0.41
30.382	Verbenone	0.24
32.909	Unidentified	0.14
39.861	Unidentified	0.49
42.645	beta-Elemene	1.20
44.566	beta-Caryophyllene	0.15
45.553	alpha-Guaiene	0.51
46.819	alpha-Humulene	0.16
47.712	4,5-di-epi-Aristolochene	0.15
47.902	Unidentified + beta-Chamigrene	3.13
48.420	Unidentified	0.18
48.726	beta-Dihydroagarofuran	1.58
48.905	beta-Selinene	3.32
49.329	alpha-Selinene	2.95
49.674	alpha-Bulnesene	0.63
50.835	Unidentified	0.16
50.943	Unidentified	0.12
51.518	alpha-Maaline	0.14
51.786	Eremophilene isomer	0.16
52.059	Selina-3,7(11)-diene	0.15
52.439	Elemol	2.00
53.151	Unidentified	0.27
55.338	Guaiol	16.62
55.470	Unidentified	0.11
55.979	Eremoligenol isomer	0.53
56.259	Eudesm-5-en-11-ol	0.23
56.510	Unidentified	0.23
57.336	gamma-Eudesmol	9.79
57.771	Hinesol	0.31
57.968	Unidentified	0.30
58.312	Unidentified	0.33
58.666	alpha-Eudesmol	17.53
58.802	Unidentified	0.95
59.217	Bulnesol	13.04
59.549	Unidentified	0.16
60.001	Unidentified	0.31
61.017	Unidentified	0.17
61.482	Unidentified	0.19
62.885	Unidentified	0.15
63.479	Unidentified	1.28
63.851	Unidentified	0.32
64.787	Unidentified	1.19
64.967	Unidentified	1.24
65.313	Unidentified	0.27
66.415	Unidentified	0.54
67.376	Callitris	1.18
69.494	Callitrisin isomer	1.02
71.539	Dihydrocolumellarin	8.14
71.978	Unidentified	0.19
73.466	Callitrisin	1.11
73.573	Unidentified	0.47
73.757	Unidentified	0.60
73.916	Columellarin	1.29
74.030	Unidentified	0.13
75.064	Unidentified	0.14
		100.00

Chromatogram Blue Cypress - Revive



Comments:

The analysis of this Blue Cypress, Australia 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.