

Sample Information

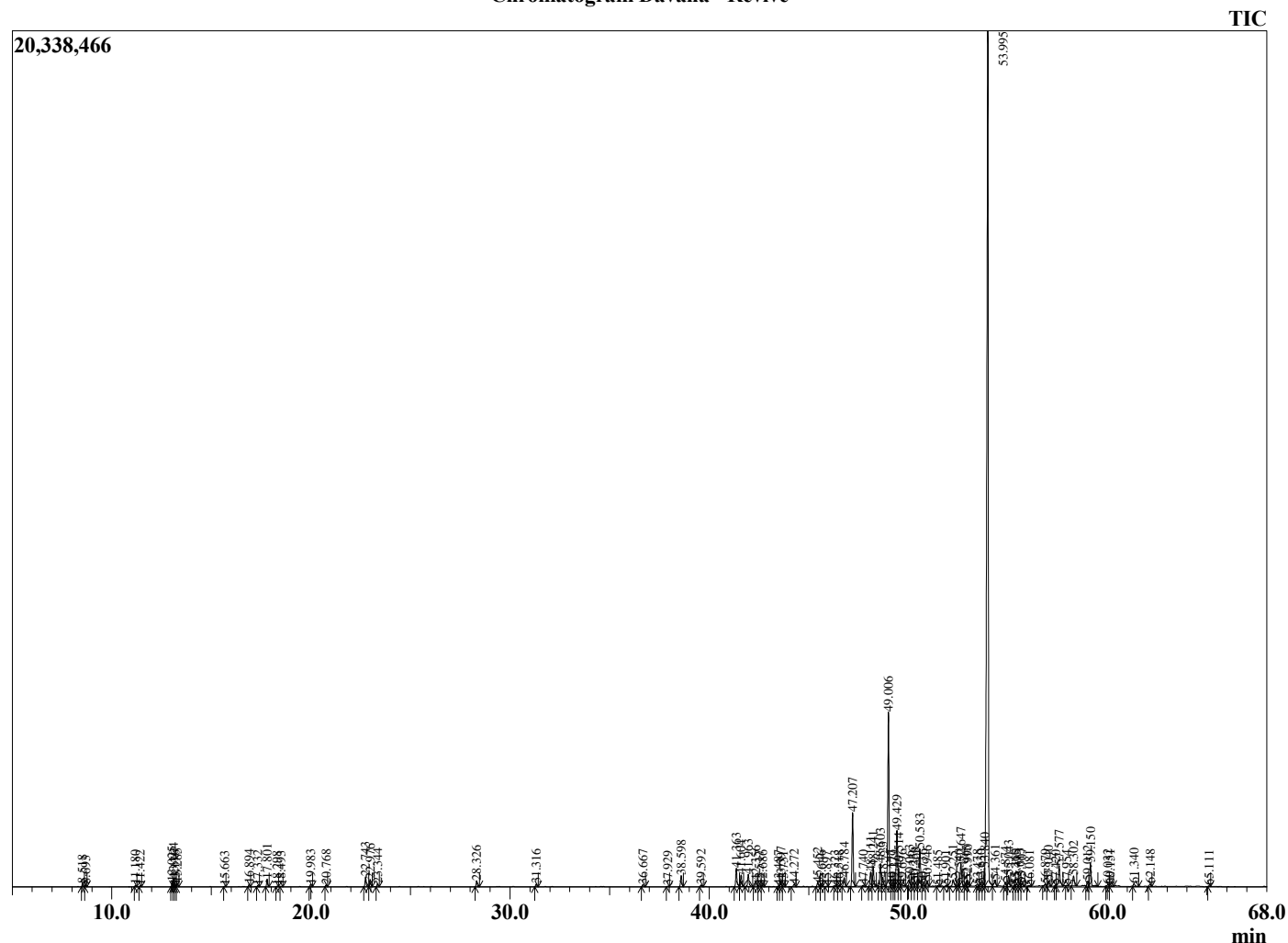
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 2/3/2021 11:26:05 AM
 Sample Type : Essential Oil
 Sample Name : Davana - Revive
 Sample ID : 0289
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
8.518	Ethyl 2-methylbutyrate	0.09
8.693	Ethyl isovalerate	0.06
11.180	Unidentified	0.06
11.422	Unidentified	0.04
13.025	Propyl 2-methylbutyrate	0.18
13.104	Unidentified	0.32
13.176	4,4-Dimethylcrotonolactone	0.05
13.285	Propyl 3-methylbutyrate	0.15
15.663	Unidentified	0.02
16.894	Unidentified	0.12
17.332	alpha-Terpinene	0.05
17.801	Unidentified	0.36
18.298	1,8-cineole	0.02
18.493	4-Methyl-4-vinylbutyrolactone	0.03
19.983	gamma-Terpinene	0.11
20.768	trans-Sabinene hydrate	0.10
22.743	Linalool	0.51
22.976	2-Methylbutyl-2-methylbutyrate	0.36
23.344	2-Methylbutyl isovalerate	0.14
28.326	Terpinen-4-ol	0.29
31.316	Nordavanone	0.14
36.667	Unidentified	0.12
37.929	Elemene isomer	0.04
38.598	delta-Elemene	0.60
39.592	Ethyl hydrocinnamate	0.09
41.363	(Z)-Ethyl cinnamate	1.03
41.604	Geranyl acetate	0.60
41.963	(E)-Methyl cinnamate	0.74
42.356	beta-Elemene	0.31
42.517	Unidentified	0.06
42.686	Benzyl isovalerate	0.06
43.487	alpha-Gurjunene	0.04
43.597	Unidentified	0.28
43.731	Unidentified	0.03
44.272	trans-beta-Caryophyllene	0.15
45.452	Aromadendrene	0.23
45.646	Unidentified	0.05
45.897	Unidentified	0.04
46.323	Unidentified	0.05
46.518	alpha-Humulene	0.06
46.784	Alloaromadendrene	0.58
47.207	(E)-Ethyl cinnamate	3.90
47.740	trans-Cadina-1(6),4-diene	0.07
48.111	Germacrene D	0.80
48.241	Davana ether isomer	1.03
48.603	beta-Selinene	1.30
48.723	Viridiflorene	0.52
49.006	Bicyclogermacrene	9.37
49.177	Unidentified	0.07
49.279	Unidentified	0.05
49.429	Davana ether isomer	3.28
49.514	Davana ether isomer	0.84
49.696	Unidentified	0.10
50.063	gamma-Cadinene	0.34
50.236	Artedouglasia oxide C	0.24
50.368	delta-Cadinene	0.24
50.583	Davana ether isomer	2.04
50.736	Unidentified	0.08
50.946	Artedouglasia oxide A	0.30
51.485	Unidentified	0.05
51.901	Unidentified	0.07
52.251	Davanone isomer	0.51

Chromatogram Davana - Revive



Comments:

The analysis of this Davana batch sample meets the expected chemical profile for authentic essential oil of *Artemisia pallens*. 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%
52.540	Unidentified	0.11
52.647	Davanone isomer	1.42
52.915	Nerolidol	0.27
52.990	Davanone isomer	0.37
53.478	Unidentified	0.11
53.630	Artedouglasia oxide B	0.14
53.840	Spathulenol	0.76
53.995	Davanone	56.01
54.361	Unidentified	0.56
54.874	Viridiflorol	0.27
55.043	Unidentified	0.67
55.360	Unidentified	0.08
55.415	Unidentified	0.16
55.613	Unidentified	0.19
55.707	Unidentified	0.20
56.081	Unidentified	0.07
56.879	Unidentified	0.12
57.040	Unidentified	0.28
57.420	Unidentified	0.04
57.577	tau-Cadinol	1.46
57.954	Unidentified	0.04
58.302	alpha-Eudesmol	0.69
59.012	Unidentified	0.35
59.150	Unidentified	1.48
60.032	Unidentified	0.13
60.151	Unidentified	0.11
61.340	Unidentified	0.19
62.148	Unidentified	0.14
65.111	Unidentified	0.04
		100.00