

Sample Information

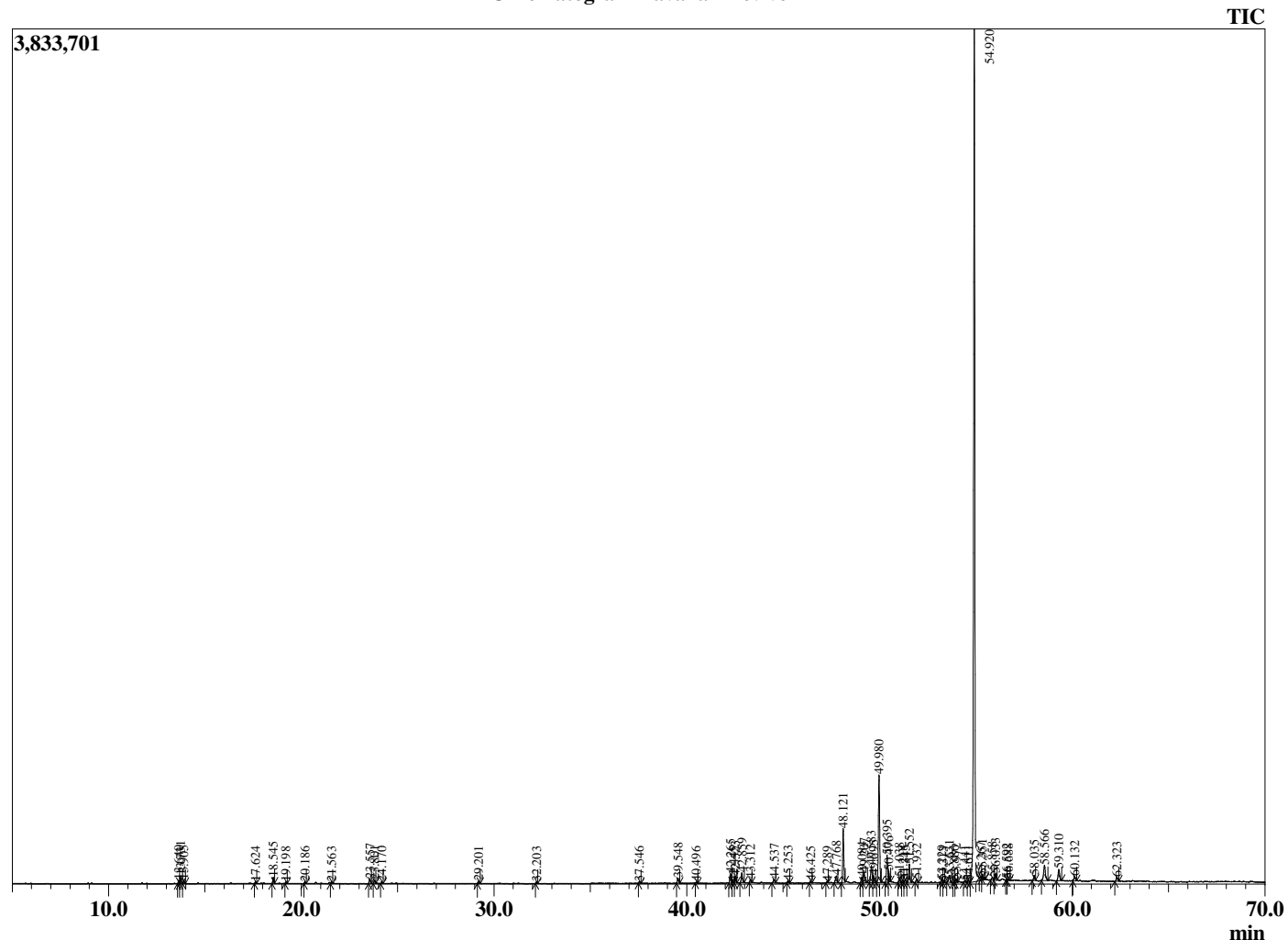
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 1/3/2020 3:40:40 AM
 Sample Type : Essential Oil
 Sample Name : Davana - Revive
 Sample ID : D2C1121A
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
13.640	Propyl 2-methylbutyrate	0.17
13.731	Unidentified	0.44
13.905	Propyl isovalerate	0.18
17.624	Unidentified	0.11
18.545	para-Cymene	0.34
19.198	gamma-vinyl-gamma-Valerlactone	0.08
20.186	Unidentified	0.09
21.563	trans-Sabinene hydrate	0.10
23.557	Linalool	0.30
23.801	2-Methylbutyl-2-methylbutyrate	0.20
24.170	2-Methylbutyl isovalerate	0.10
29.201	Terpinen-4-ol	0.17
32.203	Nordavanone	0.09
37.546	(Z)-Methyl cinnamate	0.10
39.548	delta-Elemene	0.39
40.496	Ethyl hydrocinnamate	0.08
42.265	(Z)-Ethyl cinnamate	0.68
42.445	alpha-Copaene	0.09
42.523	Geranyl acetate	0.47
42.859	(E)-Methyl cinnamate	0.73
43.312	beta-Elemene	0.23
44.537	Unidentified	0.29
45.253	beta-Caryophyllene	0.12
46.425	Aromadendrene	0.13
47.289	Unidentified	0.09
47.768	Alloaromadendrene	0.67
48.121	(E)-Ethyl cinnamate	3.79
49.084	Germacrene D	0.45
49.207	Davana Ether I	0.81
49.583	beta-Selinene	1.38
49.695	Viridiflorene (Ledene)	0.54
49.980	Bicyclogermacrene	8.16
50.395	Davana Ether II	2.20
50.476	Davana Ether III	0.65
51.038	gamma-Cadinene	0.34
51.218	Artedouglasia oxide C	0.17
51.345	delta-Cadinene	0.18
51.552	Davana Ether IV	1.38
51.932	Artedouglasia oxide A	0.27
53.229	Davanone isomer	0.20
53.313	Unidentified	0.04
53.631	Davanone isomer	0.64
53.886	trans-Nerolidol	0.16
53.972	Unidentified	0.26
54.441	Unidentified	0.11
54.611	Unidentified	0.13
54.920	Davanone	66.39
55.267	Unidentified	0.06
55.351	Globulol	0.28
55.858	Viridiflorol	0.24
56.033	Unidentified	0.54
56.592	Unidentified	0.09
56.688	Unidentified	0.13
58.035	Unidentified	0.38
58.566	alpha-Muurolol (=Torreyol)	1.69
59.310	alpha-Eudesmol	1.10
60.132	Unidentified	0.43
62.323	Unidentified	0.36
		100.00

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.