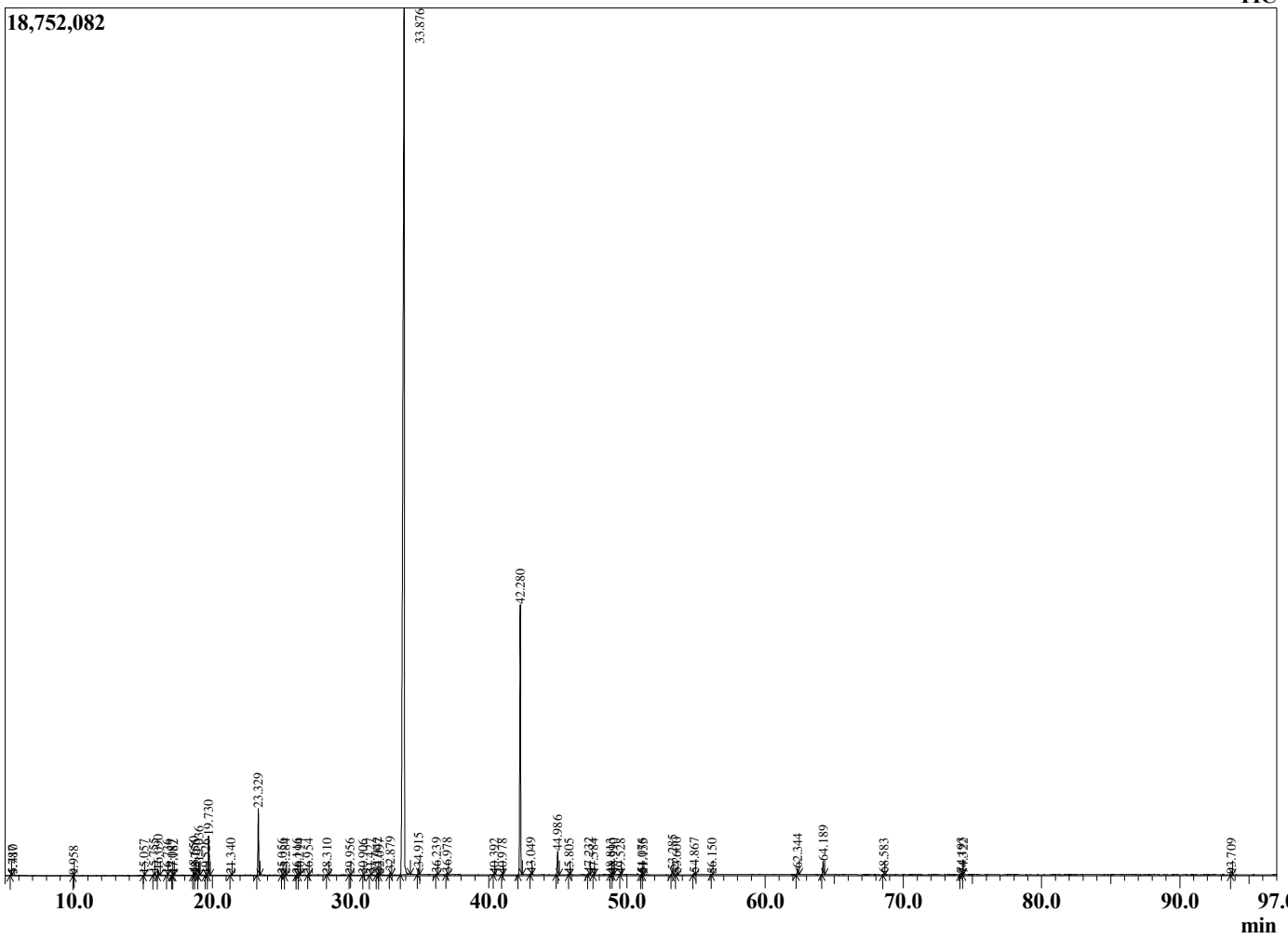
Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 2/18/2021 7:42:20 PM
Sample Type : Essential Oil
Sample Name : Palmarosa Oil-Davina Wellness
Sample ID : H0E0216R
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Palmarosa Oil-Davina Wellness



Peak Report TIC

R.Time	Name	Area%
4.205	3-Methylbutanal	0.01
4.787	2-Ethylfuran	0.00
5.410	1-Pentanol	0.03
9.958	Isopentyl acetate	0.01
15.057	Unidentified	0.01
15.755	6-Methyl-hept-5-en-one	0.05
16.090	Myrcene	0.20
16.736	Unidentified	0.01
17.087	Unidentified	0.01
17.182	alph-Phellandrene	0.02
18.650	Limonene	0.11
18.756	beta-Phellandrene	0.01
19.036	(Z)-beta-Ocimene	0.54
19.526	Unidentified	0.01
19.730	(E)-beta-Ocimene	1.67
21.340	Octanol	0.04
23.329	Linalool	2.89
25.056	cis-para-Menth-2-en-1-ol	0.03
25.284	allo-Ocimene	0.04
26.116	allo-Ocimene isomer	0.02
26.294	trans-para-Menth-2-en-1-ol	0.02
26.954	Citronellal	0.01
28.310	Unidentified	0.03
29.956	alpha-Terpineol	0.03
30.906	Unidentified	0.01
31.427	Unidentified	0.02
31.942	Nerol	0.11
32.097	Citronellol	0.04
32.879	Neral	0.15
33.876	Geraniol	76.34
34.915	Geranial	0.30
36.239	Unidentified	0.04
36.978	Geranyl formate	0.09
40.392	Citronellyl acetate	0.02
40.978	Neryl acetate	0.01
42.280	Geranyl acetate	14.03
43.049	beta-Elemene	0.07
44.986	trans-beta-Caryophyllene	1.24
45.805	Unidentified	0.02
47.232	alpha-Humulene	0.08
47.584	Unidentified	0.01
48.813	Germacrene D	0.01
48.990	Unidentified	0.04
49.528	Valencene	0.01
51.076	delta-Cadinene	0.04
51.155	(-)-alpha-Panasinsen	0.02
53.285	Geranyl butyrate	0.21
53.600	(E)-Nerolidol	0.06
54.867	Caryophyllene oxide	0.10
56.150	Geranyl isovalerate	0.02
62.344	(2E,6E)-Farnesol	0.28
64.189	Geranyl hexanoate	0.67
68.583	Farnesyl acetate	0.05
74.193	Unidentified	0.09
74.322	Unidentified	0.01
93.709	Unidentified	0.03
		100.00

Comments:

The analysis of this Palmarosa batch sample meets the expected chemical profile for authentic essential oil of *Cymbopogon martinii.* 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.

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