

Sample Information

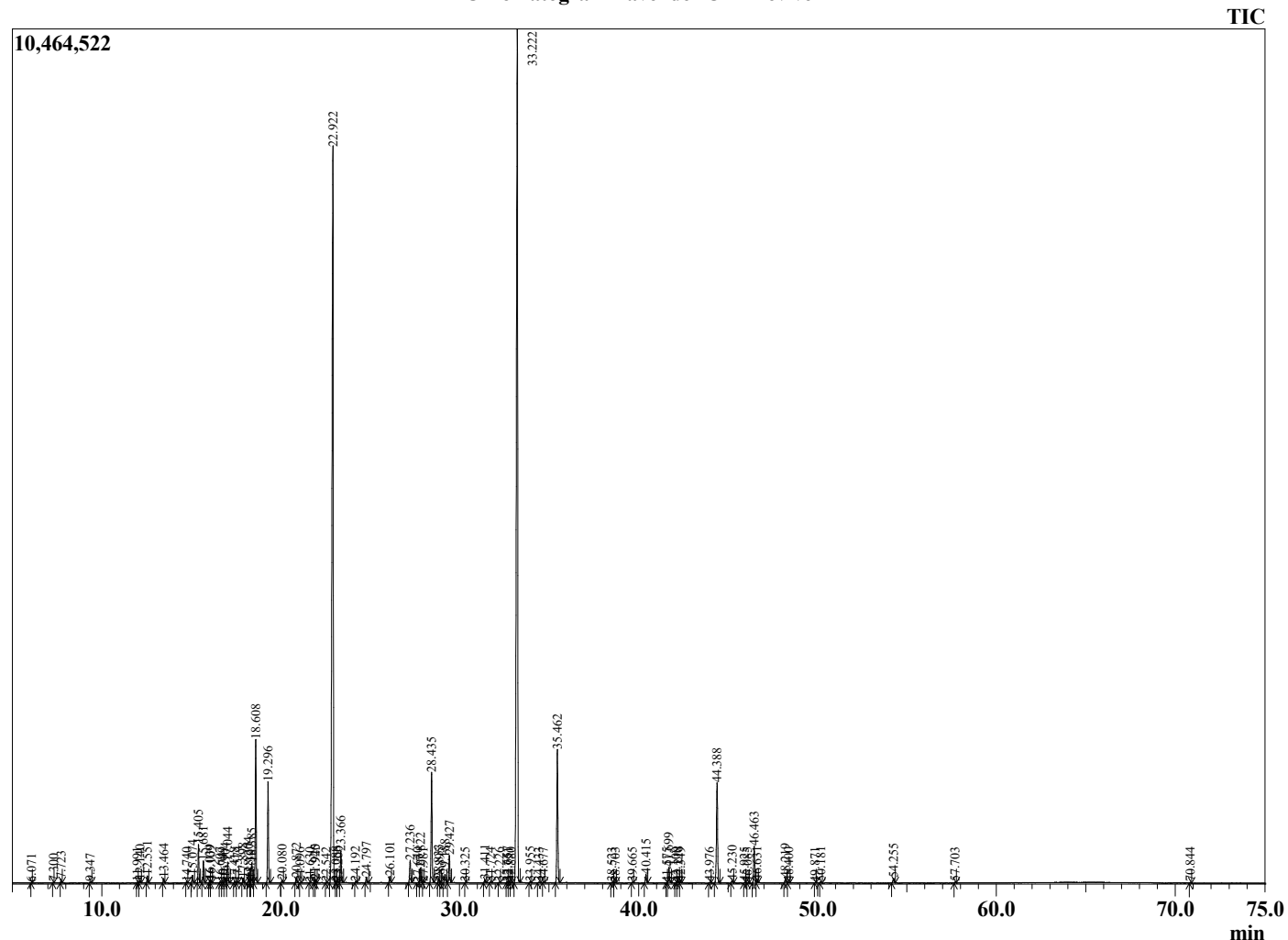
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 06/28/2023 4:42:18 PM
 Sample Type : Essential Oil
 Sample Name : Lavender Oil - Revive
 Sample ID : 5J
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
3.689	3-Penten-2-ol	0.01
3.960	Unidentified	0.01
6.071	Toluene	0.01
7.300	Butyl acetate	0.01
7.723	1-Methoxyhexane	0.07
9.347	Hexanol	0.03
11.991	Tricyclene	0.01
12.140	alpha-Thujene	0.07
12.551	alpha-Pinene	0.18
13.464	Camphene	0.12
14.740	Sabinene	0.02
15.074	1-Octen-3-ol	0.24
15.405	3-Octanone	1.03
15.681	Myrcene	0.63
16.039	Butyl butyrate	0.08
16.109	3-Octanol	0.05
16.607	Pseudolimonene	0.03
16.749	alpha-Phellandrene	0.02
16.904	delta-3-Carene	0.14
17.044	Hexyl acetate	0.58
17.418	alpha-Terpinene	0.02
17.574	ortho-Cymene	0.04
17.898	para-Cymene	0.15
18.204	Limonene	0.30
18.307	beta-Phellandrene	0.09
18.385	1,8-Cineole	0.62
18.608	cis-beta-Ocimene	4.14
19.296	trans-beta-Ocimene	2.97
20.080	gamma-Terpinene	0.08
20.872	cis-Linalool oxide (furanoid)	0.15
21.096	Unidentified	0.01
21.630	Unidentified	0.01
21.920	Terpinolene	0.08
21.945	trans-Linalool oxide (furanoid)	0.09
22.542	Unidentified	0.01
22.922	Linalool	32.18
23.088	Hotrienol	0.05
23.200	Hexyl propionate	0.04
23.366	1-Octen-3-yl-acetate	0.97
24.192	3-Octyl acetate	0.04
24.797	allo-Ocimene	0.19
26.101	Camphor	0.21
27.236	Lavandulol	0.75
27.640	Unidentified	0.01
27.822	Borneol	0.48
27.981	Unidentified	0.01
28.435	Terpinen-4-ol	3.63
28.833	Cryptone	0.12
28.895	Unidentified	0.01
29.188	Hexyl butyrate	0.30
29.427	alpha-Terpineol	0.90
30.325	Unidentified	0.01
31.411	Nerol	0.12
31.724	Bornyl formate	0.02
32.226	Hexyl-2-methylbutyrate	0.02
32.657	Cuminal	0.03
32.751	Unidentified	0.01
32.880	Unidentified	0.01
33.222	Linalyl acetate	36.18
33.955	Unidentified	0.03
34.433	Unidentified	0.03
34.677	Isopulegyl acetate	0.02

Chromatogram Lavender Oil - Revive



Comments:

The analysis of this Lavender batch sample meets the expected chemical profile for authentic essential oil of

Lavandula angustifolia. 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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R.Time	Name	Area%
35.462	Lavandulyl acetate	4.62
38.523	Hexyl tiglate	0.03
38.703	Unidentified	0.02
39.665	Unidentified	0.02
40.415	Neryl acetate	0.31
41.575	alpha-Copaene	0.01
41.699	Geranyl acetate	0.57
42.100	Unidentified	0.01
42.218	Hexyl hexanoate	0.05
42.349	7-epi-Sesquithujene	0.03
43.976	cis-alpha-Bergamotene	0.02
44.388	beta-Caryophyllene	3.83
45.230	trans-alpha-Bergamotene	0.09
45.925	Unidentified	0.02
46.085	Unidentified	0.01
46.463	trans-beta-Farnesene	1.32
46.631	alpha-Humulene	0.06
48.219	Germacrene D	0.17
48.400	(Z,E)-alpha-Farnesene	0.03
49.871	Unidentified	0.01
50.181	gamma-Cadinene	0.04
54.255	Caryophyllene oxide	0.19
57.703	tau-Cadinol	0.03
70.844	Unidentified	0.03
		100.00