

Sample Information

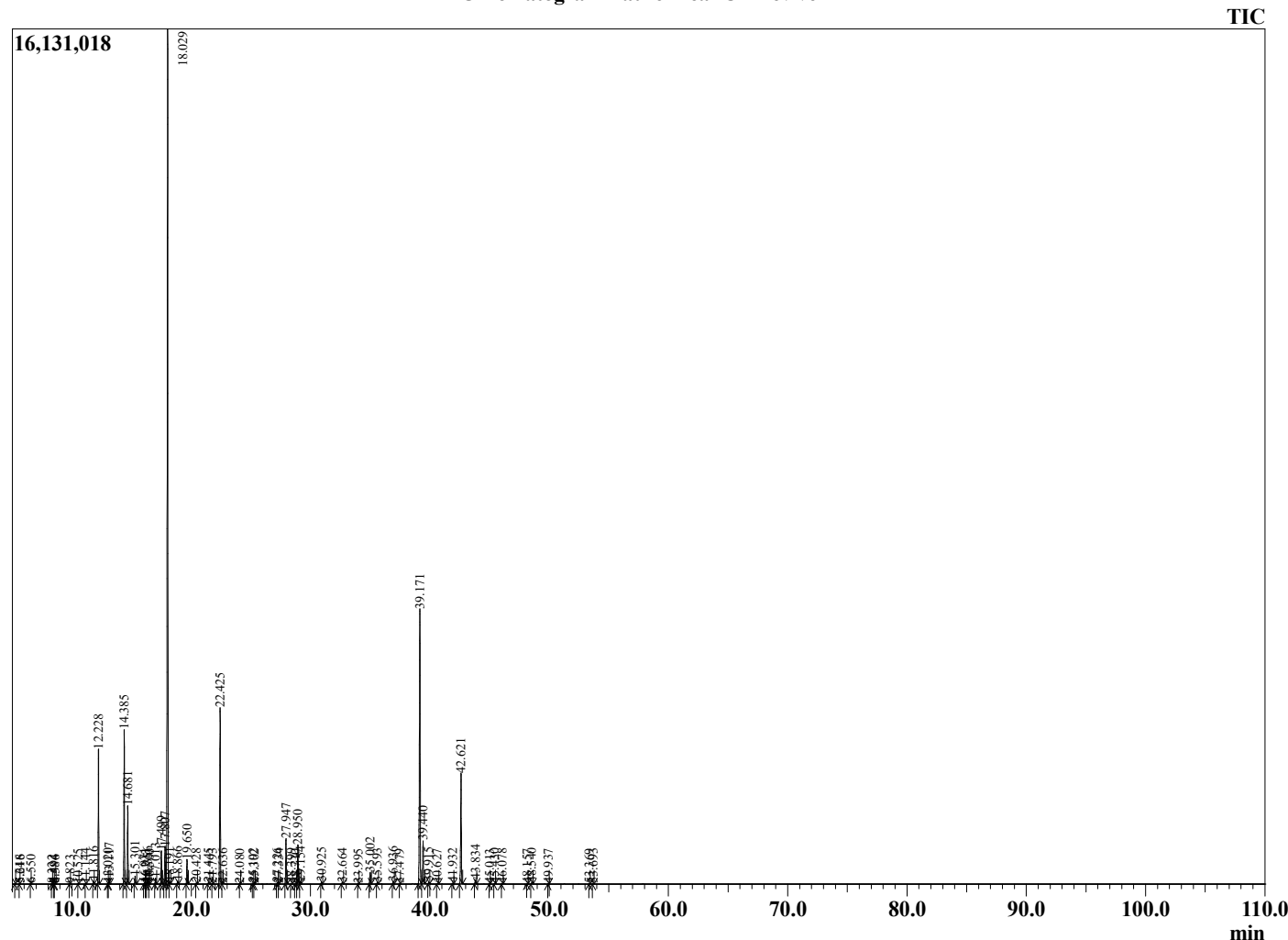
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 6/8/2023 8:49:42 PM
 Sample Type : Essential Oil
 Sample Name : Laurel Leaf Oil Revive
 Sample ID : 4C
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
5.246	Methyl pyrrole	0.01
5.618	Ethyl Isobutyrate	0.01
6.550	Isopropyl Isobutyrate	0.01
8.322	2-Methylethyl Butyrate	0.01
8.494	Ethyl Isovalerate	0.01
8.586	3-cis-Hexenol	0.02
9.823	Isopropyl-2-methyl butyrate	0.01
10.525	Heptan-2-ol	0.01
11.144	Isobutyl isobutyrate	0.02
11.816	alpha-Thujene	0.10
12.228	alpha-Pinene	4.82
13.020	alpha-Fenchene	0.03
13.117	Camphene	0.22
14.385	Sabinene	5.80
14.681	beta-Pinene	3.05
15.301	Myrcene	0.35
16.071	isobutyl-2-methyl butyrate	0.04
16.213	Pseudolimonene	0.01
16.356	alpha-Phellandrene	0.10
16.500	delta-3-Carene	0.01
17.013	alpha-Terpinene	0.24
17.499	para-Cymene	1.44
17.807	Limonene	1.91
18.029	1,8-cineole	43.26
18.191	cis-beta-Ocimene	0.08
18.866	trans-beta-Ocimene	0.13
19.650	gamma-Terpinene	1.07
20.428	cis-Sabinene hydrate	0.04
21.445	Terpinolene	0.07
21.793	2-Nonanone	0.02
22.425	Linalool	8.38
22.636	Hotrienol	0.02
24.080	cis-para-Menth-2-en-1-ol	0.01
25.192	trans-Pinocarveol	0.04
25.302	trans-para-Menth-2-en-1-ol	0.01
27.226	delta-Terpineol	0.06
27.334	Isoborneol	0.03
27.947	Terpinen-4-ol	2.16
28.399	Thujol	0.02
28.710	Myrtenol	0.01
28.950	alpha-Terpineol	1.95
29.154	para-Allyl Anisole	0.12
30.925	Nerol	0.10
32.664	Linalyl acetate	0.07
33.995	4-Thujen-2-alpha-yl acetate	0.01
35.002	Bornyl acetate	0.59
35.593	Nonyl methyl ketone	0.05
36.936	delta-Terpinyl acetate	0.14
37.479	cis-Verbenyl acetate	0.01
39.171	alpha-Terpinyl acetate	15.05
39.440	Eugenol	2.12
39.915	Neryl acetate	0.07
40.627	alpha-ylangene	0.02
41.932	beta-Elemene	0.04
42.621	Methyleugenol	5.63
43.834	beta-Caryophyllene	0.21
45.013	beta-Selinene	0.01
45.430	trans-Cinnamyl acetate	0.02
46.078	alpha-Humulene	0.03
48.157	Unidentified	0.01
48.540	cis-Methyl isoeugenol	0.06
49.937	delta-Cadinene	0.01

Chromatogram Laurel Leaf Oil Revive



Comments:

The analysis of this Laurel Leaf batch sample meets the expected chemical profile for authentic essential oil of *Laurus nobilis*. 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%
53.369	Spathulenol	0.01
53.693	Caryophyllene oxide	0.03
		100.00