

Sample Information

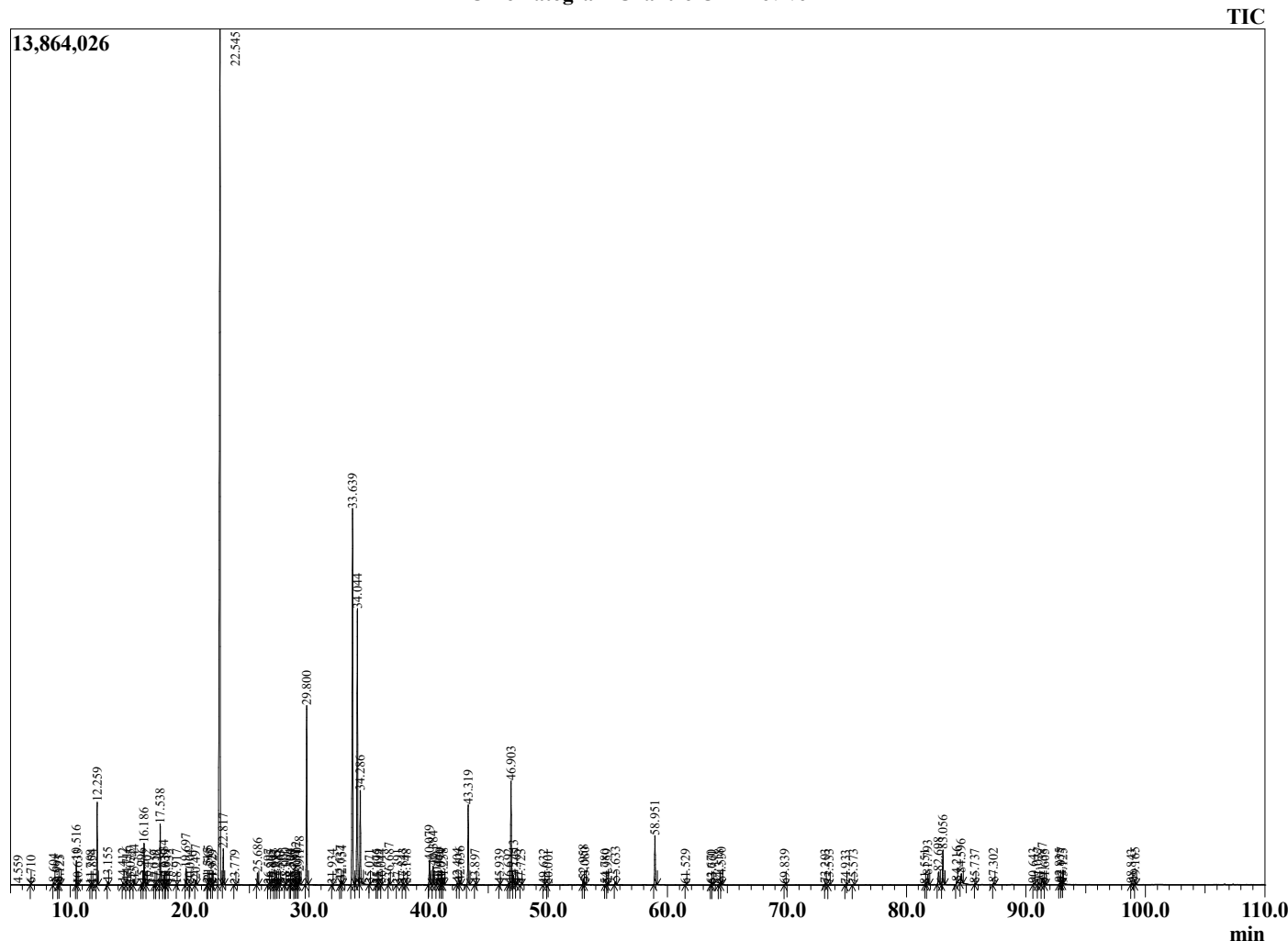
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 12/15/2022 3:16:44 AM
 Sample Type : Essential Oil
 Sample Name : Cilantro Oil - Revive
 Sample ID : 6Q
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
4.035	3-Methylbutanal	0.01
4.559	Unidentified	0.01
6.710	Octane	0.01
8.604	Hex-(3Z)-enol	0.06
8.991	Hex-(2E)-enol	0.05
9.125	Hexanol	0.05
10.516	Nonane	0.55
10.633	Heptanal	0.02
11.708	Tricyclene	0.00
11.854	alpha-Thujene	0.01
12.259	alpha-Pinene	2.05
13.155	Camphene	0.07
14.412	Sabinene	0.05
14.716	beta-Pinene	0.10
15.035	Camphene isomer	0.01
15.344	Myrcene	0.16
15.996	Decane	0.04
16.186	Octanal	1.23
16.402	alpha-Phellandrene	0.02
17.059	alpha-Terpinene	0.01
17.216	ortho-Cymene	0.01
17.538	para-Cymene	1.75
17.834	Limonene	0.28
17.937	beta-Phellandrene	0.01
18.019	1,8-Cineole	0.03
18.233	cis-beta-Ocimene	0.02
18.917	trans-beta-Ocimene	0.01
19.697	gamma-Terpinene	0.52
20.004	2-Methyl octanal	0.01
20.497	1-Octanol	0.17
21.515	Terpinolene	0.03
21.565	trans-Linalool oxide	0.14
21.827	Unidentified	0.04
21.929	Unidentified	0.01
22.545	Linalool	39.65
22.817	Nonanal	1.10
23.779	endo-Fenchol	0.01
25.686	Camphor	0.40
26.597	Non-(2E)-enal	0.02
26.805	Unidentified	0.01
27.097	Unidentified	0.02
27.235	cis-Linalool oxide (pyranoid)	0.01
27.388	Borneol	0.06
27.563	trans-Linalool oxide (pyranoid)	0.01
28.000	Terpinen-4-ol	0.04
28.394	Unidentified	0.01
28.500	cis-3-Hexen-1-yl butyrate	0.02
28.783	Unidentified	0.01
28.912	Dec-(4Z)-enal	0.25
29.010	alpha-Terpinol	0.06
29.178	Dec-(4E)-enal	0.46
29.800	Decanal	6.07
31.934	Neral	0.02
32.637	Dec-(2Z)-enal	0.13
32.754	Geraniol	0.15
33.639	Dec-(2E)-enal	14.38
34.044	Dec-(2E)-enal	10.54
34.286	1-Decanol	3.28
35.071	Isobornyl acetate	0.01
35.675	Unidentified	0.01
35.799	Unidentified	0.01
36.044	Unidentified	0.01

Chromatogram Cilantro Oil - Revive



Comments:

The analysis of this Cilantro batch sample meets the expected chemical profile for authentic essential oil of *Coriandrum sativum*. 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%
36.687	Undecanal	0.24
37.391	Deca-(2E,4E)-dienal	0.01
37.843	Unidentified	0.04
38.148	Unidentified	0.02
40.079	Undec-(2Z)-enal	0.87
40.384	Undec-(8Z)-enal	0.66
40.691	Undec-(2Z)-enol	0.15
40.970	Undecanol	0.03
41.094	Unidentified	0.01
41.258	Geranyl acetate	0.06
42.404	Dodec-(4Z)-enal	0.05
42.636	Dodec-(4E)-enal	0.11
43.319	Dodecanal	2.90
43.897	beta-Caryophyllene	0.04
45.939	Unidentified	0.02
46.692	Unidentified + Unidentified	0.03
46.903	Dodec-(2E)-enal	3.79
47.113	Dodec-(2Z)-enol	0.40
47.365	1-Dodecanol	0.03
47.723	Germacrene D	0.01
49.632	Tridecanal	0.02
50.001	delta-Cadinene	0.01
52.958	Decanal analogue	0.18
53.080	Tridec-(2E)-enal	0.08
54.780	Unidentified	0.01
54.959	Unidentified	0.03
55.633	Tetradecanal	0.11
58.951	(E)-Tetradec-2-enal	1.80
61.529	Neocnidilide	0.02
63.670	Unidentified	0.01
63.761	Unidentified	0.02
64.318	Unidentified	0.01
64.530	(Z)-Tetradec-2-enal	0.09
69.839	Unidentified	0.03
73.203	meta-Camphorene	0.03
73.533	Unidentified	0.02
74.933	para-Camphorene	0.01
75.573	Unidentified	0.02
81.551	Unidentified	0.01
81.793	Unidentified	0.39
82.698	Unidentified	0.59
83.056	Unidentified	1.40
84.216	Unidentified	0.09
84.596	Unidentified	0.41
85.737	Unidentified	0.02
87.302	Unidentified	0.07
90.643	Unidentified	0.05
91.037	Unidentified	0.08
91.387	Unidentified	0.34
91.605	Unidentified	0.03
92.835	Unidentified	0.05
92.977	Unidentified	0.09
93.125	Unidentified	0.01
98.843	Unidentified	0.04
99.165	Unidentified	0.09
		100.00