

Sample Information

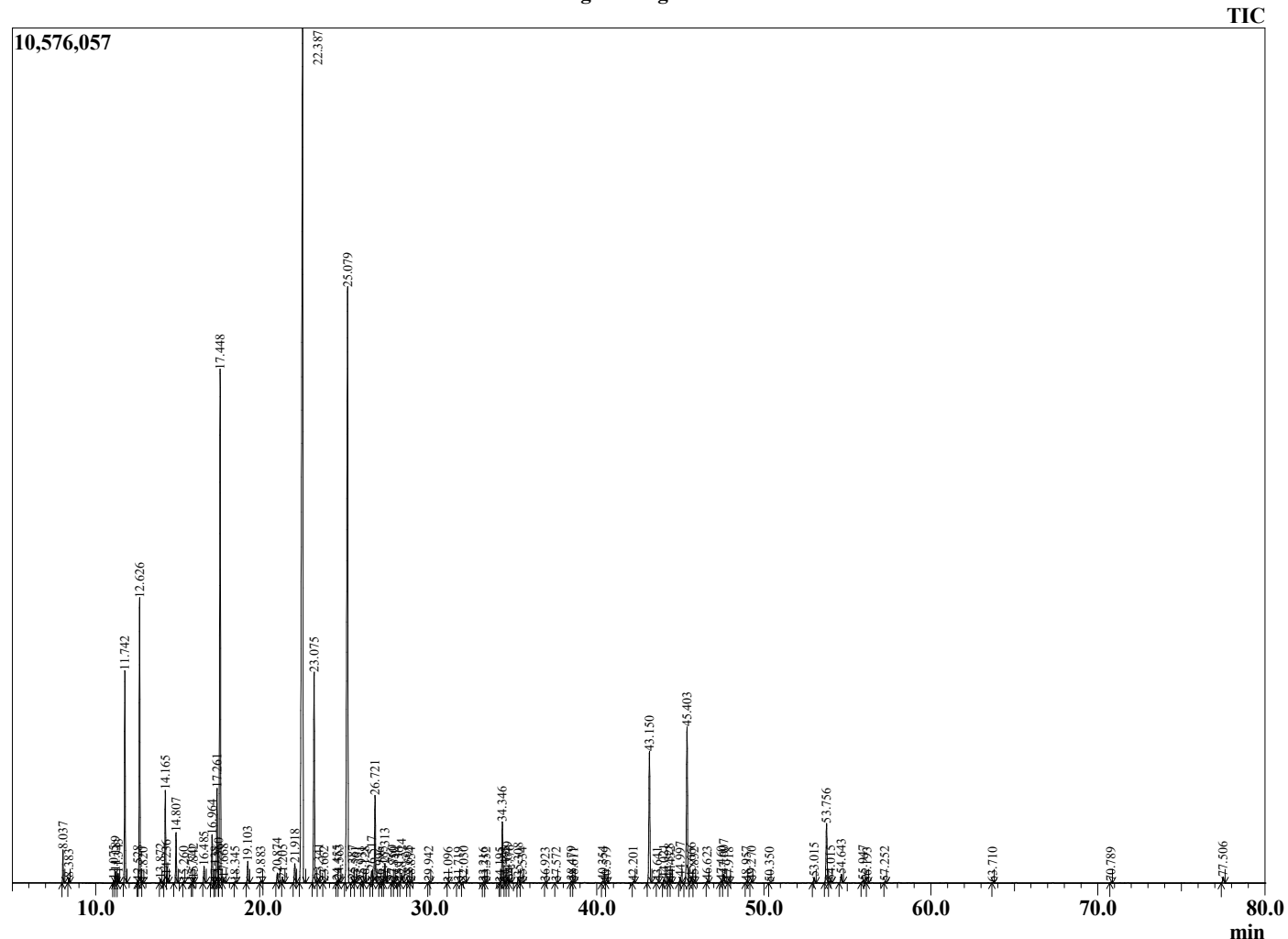
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 9/12/2022 3:36:10 PM
 Sample Type : Essential Oil
 Sample Name : Sage Oil - Revive
 Sample ID : 8A
 Injection Volume : 0.10
 Instrument ID: : GC-2



Peak Report TIC

R.Time	Name	Area%
3.772	3-Methylbutanal	0.05
3.872	2-Methylbutanal	0.02
4.285	2-Ethylfuran	0.01
8.037	(Z)-Salvene	0.50
8.383	(E)-Salvene	0.08
11.075	Hashishene	0.05
11.189	Tricyclene	0.20
11.343	alpha-Thujene	0.17
11.742	alpha-Pinene	3.92
12.528	alpha-Fenchene	0.04
12.626	Camphene	5.48
12.820	Thuja-2,4(10)-diene	0.01
13.872	Sabinene	0.08
14.165	beta-Pinene	1.96
14.236	1-Octen-3-ol	0.01
14.807	Myrcene	1.00
15.260	3-Octanol	0.02
15.770	Unidentified	0.01
15.842	alpha-Phellandrene	0.09
16.485	alpha-Terpinene	0.35
16.964	para-Cymene	1.05
17.138	Phellandral	0.02
17.261	Limonene	2.12
17.360	beta-Phellandrene	0.07
17.448	1,8-Cineole	11.47
17.668	cis-beta-Ocimene	0.11
18.345	trans-beta-Ocimene	0.03
19.103	gamma-Terpinene	0.47
19.883	trans-Sabinene hydrate	0.05
20.874	Terpinolene	0.23
21.205	para-Cymenene	0.08
21.918	Linalool	0.49
22.387	alpha-Thujone	29.59
23.075	beta-Thujone	5.03
23.341	Unidentified	0.09
23.662	alpha-Campholenal	0.02
24.455	Isotujol	0.06
24.563	trans-Sabinol	0.09
25.079	Camphor	17.48
25.387	Neothujol	0.07
25.561	cis-beta-Terpineol	0.02
25.931	Pinocamphone	0.05
26.128	Isoborneol	0.02
26.517	Thujol	0.28
26.721	Borneol	2.16
26.996	Isopinocampnone	0.02
27.185	Unidentified	0.02
27.313	Terpinen-4-ol	0.47
27.760	para-Cymen-8-ol	0.05
27.850	Unidentified	0.01
28.136	Unidentified	0.02
28.324	alpha-Terpineol	0.24
28.695	Unidentified	0.06
28.854	Unidentified	0.01
29.942	trans-Carveol	0.03
31.096	Hex-(3Z)-enyl isovalerate	0.01
31.719	Hex-(2E)-enyl 3-methylbutyrate	0.02
32.030	Linalyl acetate	0.06
33.216	Unidentified	0.02
33.352	Ocimenyl acetate	0.02
34.195	Unidentified	0.01
34.346	Bornyl acetate	1.57

Chromatogram Sage Oil - Revive



Comments:

The analysis of this Sage batch sample meets the expected chemical profile for authentic essential oil of *Salvia officinalis*. 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%
34.493	Isobornyl acetate	0.03
34.649	trans-Sabinyl acetate	0.15
34.776	Unidentified	0.08
35.308	Unidentified	0.14
35.534	Unidentified	0.02
36.923	Myrtenyl acetate	0.01
37.572	trans-Carvyl acetate	0.02
38.479	alpha-Terpinyl acetate	0.04
38.611	Unidentified	0.02
40.354	alpha-Copaene	0.05
40.579	Geranyl acetate	0.01
42.201	cis-beta-Caryophyllene	0.04
43.150	beta-Caryophyllene	3.63
43.641	Unidentified	0.02
44.021	Unidentified isomer 1	0.10
44.328	Aromadendrene	0.12
44.432	Unidentified	0.04
44.997	Unidentified isomer 1	0.16
45.403	alpha-Humulene	4.39
45.666	Alloaromadendrene	0.15
45.832	Unidentified	0.02
46.623	trans-Cadina-1(6),4-diene	0.04
47.460	beta-Selinene	0.05
47.607	Viridiflorene	0.25
47.918	alpha-Selinene	0.02
48.957	gamma-Cadinene	0.02
49.270	delta-Cadinene	0.05
50.350	Unidentified	0.01
53.015	Caryophyllene oxide	0.16
53.756	Viridiflorol	1.65
54.015	Unidentified	0.07
54.643	Humulene epoxide II	0.26
55.947	Unidentified	0.08
56.193	Caryophylla-4(12),8(13)-dien-5-beta-ol	0.01
57.252	14-Hydroxy-9-epi-Z-Caryophyllene	0.02
63.710	Unidentified	0.01
70.789	Unidentified	0.02
77.506	Manool	0.18
		100.00