

Sample Information

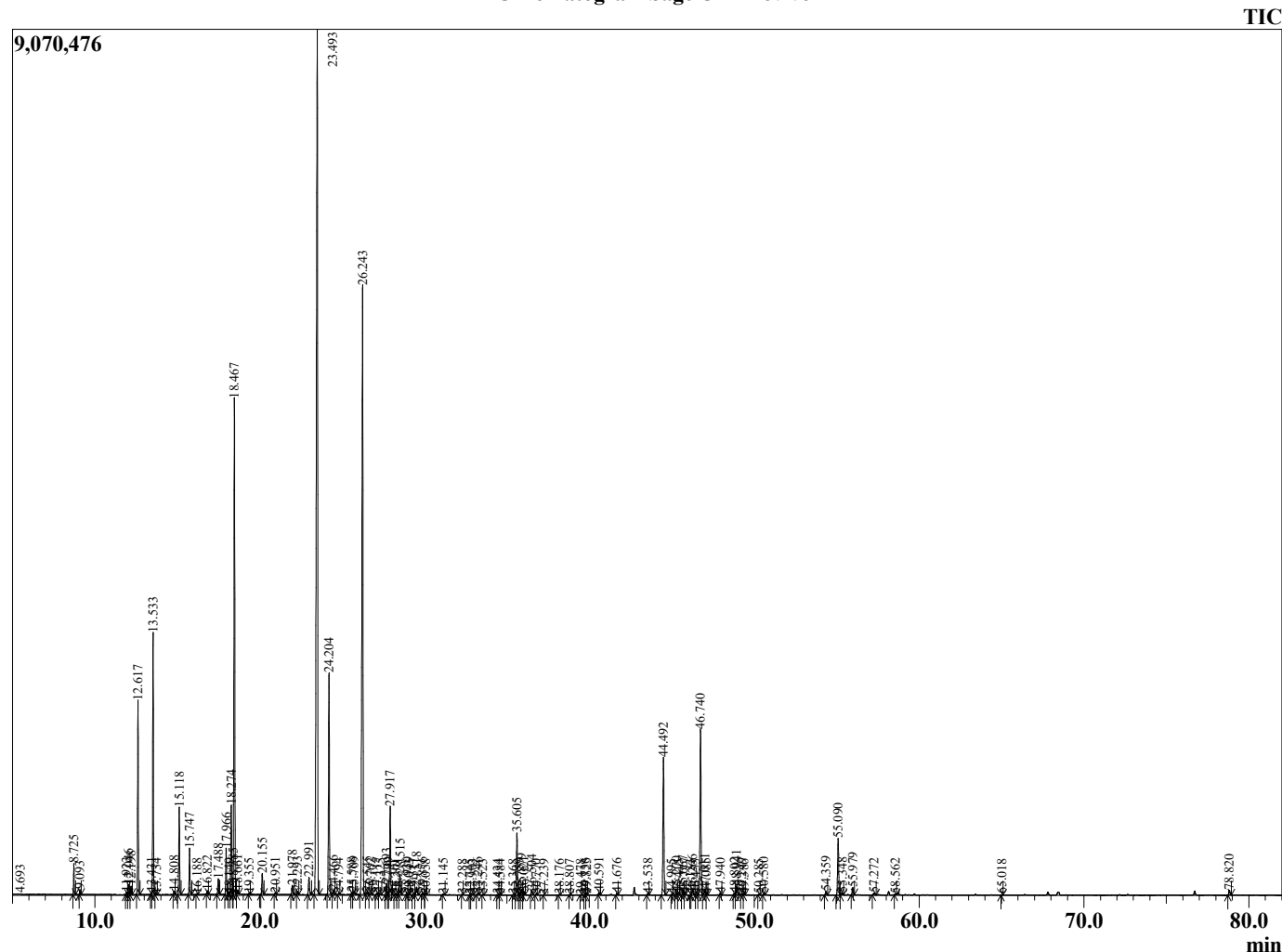
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 2/8/2023 9:56:18 PM
 Sample Type : Essential Oil
 Sample Name : Sage Oil -Revive
 Sample ID : 3U
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
4.130	3-Methylbutanal	0.06
4.240	2-Methylbutanal	0.03
4.693	2-Ethylfuran	0.01
8.725	(Z)-Salvene	0.47
9.093	(E)-Salvene	0.07
11.923	Hashishene	0.04
12.046	Tricyclene	0.18
12.198	alpha-Thujene	0.15
12.617	alpha-Pinene	3.69
13.431	alpha-Fenchene	0.03
13.533	Camphene	5.16
13.734	Thuja-2,4(10)-diene	0.02
14.808	Sabinene	0.06
15.118	beta-Pinene	1.82
15.747	Myrcene	0.96
16.188	Octan-3-ol	0.02
16.822	alpha-Phellandrene	0.07
17.488	alpha-Terpinene	0.35
17.966	para-Cymene	0.96
18.149	Unidentified	0.02
18.274	Limonene	2.08
18.385	beta-Phellandrene	0.10
18.467	1,8-cineole	11.54
18.661	cis-beta-Ocimene	0.10
19.355	trans-beta-Ocimene	0.02
20.155	gamma-Terpinene	0.48
20.951	trans-Sabinene hydrate	0.04
21.978	Terpinolene	0.23
22.293	para-Cymenene	0.07
22.991	Linalool	0.48
23.493	alpha-Thujone	29.27
24.204	beta-Thujone	5.33
24.466	Unidentified	0.09
24.794	alpha-Campholenal	0.03
25.588	Isothujol	0.05
25.709	trans-Sabinol	0.08
26.243	Camphor	17.88
26.545	Neothujol	0.08
26.762	trans-beta-Terpineol	0.04
27.117	trans-Pinocamphone	0.05
27.325	Isoborneol	0.02
27.693	Thujol	0.27
27.799	delta-Terpineol	0.05
27.917	Borneol	2.22
28.201	Isopinocamphe	0.01
28.371	Unidentified	0.02
28.515	Terpinen-4-ol	0.50
28.930	para-Cymen-8-ol	0.05
29.043	Unidentified	0.02
29.317	Unidentified	0.02
29.518	alpha-Terpineol	0.24
29.876	Unidentified	0.06
30.058	Unidentified	0.02
31.145	trans-Carveol	0.02
32.288	Hex-(3Z)-enyl isovalerate	0.01
32.745	3-Methyl-hexyl-butyrate	0.01
32.903	Hex-(2E)-enyl 3-methylbutyrate	0.03
33.246	Linalyl acetate	0.06
33.523	Unidentified	0.01
34.434	Unidentified	0.01
34.584	Ocimenyl acetate	0.02
35.368	Thymol analogue	0.01

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%
35.605	Bornyl acetate	1.65
35.759	Isobornyl acetate	0.04
35.879	trans-Sabinyl acetate	0.15
36.021	Thujyl acetate	0.09
36.504	Carvacrol	0.11
36.770	Unidentified	0.02
37.239	Unidentified	0.01
38.176	Myrtenyl acetate	0.01
38.807	Unidentified	0.01
39.478	Unidentified	0.01
39.736	alpha-Terpinyl acetate	0.04
39.825	Unidentified	0.02
40.591	Hydroxycitronellol	0.06
41.676	alpha-Copaene	0.04
43.538	cis-beta-Caryophyllene	0.03
44.492	trans-beta-Caryophyllene	3.80
44.995	Unidentified	0.01
45.270	Unidentified	0.07
45.415	Unidentified	0.01
45.667	Aromadendrene	0.12
45.777	gamma-Elementene	0.03
46.133	Unidentified	0.00
46.266	Unidentified	0.14
46.455	Unidentified	0.01
46.740	alpha-Humulene	4.67
47.011	Alloaromodendrene	0.17
47.085	Unidentified	0.02
47.940	trans-Cadina-1(6),4-diene	0.04
48.802	beta-Selinene	0.05
48.941	Viridiflorene	0.27
49.249	alpha-Selinene	0.04
49.386	alpha-Murolene	0.02
50.285	gamma-Cadinene	0.02
50.580	delta-Cadinene	0.06
54.359	Caryophyllene oxide	0.10
55.090	Viridiflorol	1.63
55.348	Unidentified	0.07
55.979	Humulene epoxide II	0.21
57.272	Unidentified	0.06
58.562	Unidentified	0.02
65.018	Unidentified	0.01
78.820	Manool	0.14
		100.00