

Sample Information

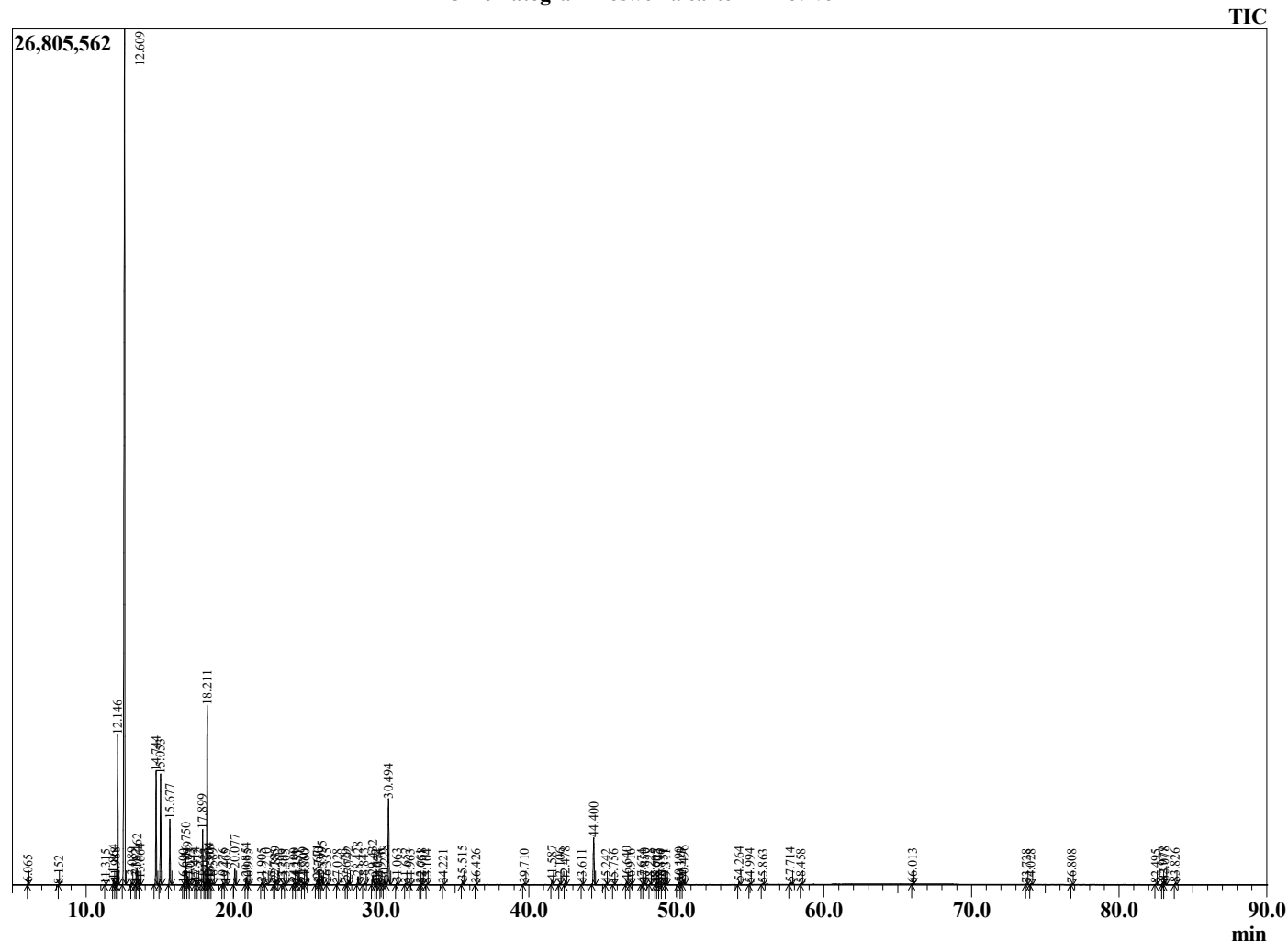
Analyzed by : Dr. Robert S. Pappas
Analyzed : 5/12/2023 4:57:07 PM
Sample Type : Essential Oil
Sample Name : Boswellia carterii - Revive
Sample ID : 9G
Injection Volume : 0.10
Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
6.065	Toluene	0.05
8.152	6,6-Dimethylhepta-2,4-diene	0.01
11.315	2,6-Dimethyl-4-octene	0.02
11.864	Hashishene	0.20
11.988	Tricyclene	0.11
12.146	alpha-Thujene	6.36
12.609	alpha-Pinene	48.68
13.089	Thuja-2,4(10)diene	0.10
13.362	alpha-Fenchene	0.02
13.462	Camphene	0.68
13.664	Thuja-2,4(10)-diene isomer	0.23
14.744	Sabinene	5.09
15.053	beta-Pinene	4.98
15.677	Myrcene	3.01
16.600	Pseudolimonene	0.03
16.750	alpha-Phellandrene	1.33
16.899	delta-3-Carene	0.39
17.053	Hexyl acetate	0.03
17.414	alpha-Terpinene	0.12
17.572	ortho-Cymene	0.02
17.899	para-Cymene	2.67
18.023	Unidentified	0.09
18.211	Limonene	8.97
18.304	beta-Phellandrene	0.26
18.378	1,8-Cineole	0.26
18.589	cis-beta-Ocimene	0.09
19.276	trans-beta-Ocimene	0.07
19.465	Unidentified	0.03
20.077	gamma-Terpinene	0.78
20.854	1-Octanol	0.37
20.995	Pinol	0.03
21.905	Terpinolene	0.10
22.210	para-Cymenene	0.08
22.785	Perillene	0.04
22.839	Linalool	0.20
23.299	Isoamyl isovalerate	0.02
23.505	Unidentified	0.03
24.100	beta-Thujone	0.10
24.231	Unidentified	0.04
24.357	trans-para-Mentha-2,8-dienol	0.02
24.709	alpha-Campholenal	0.14
24.860	Unidentified	0.03
25.671	trans-Pinocarveol	0.31
25.740	cis-Verbenol	0.09
25.995	trans-Verbenol	0.50
26.335	alpha-Phellandren-8-ol	0.10
27.028	Pinocamphone	0.04
27.629	Unidentified	0.04
27.792	para-Mentha-1,5-dien-8-ol	0.19
28.428	Terpinen-4-ol	0.44
28.843	para-Cymen-8-ol	0.09
29.432	alpha-Terpineol	0.62
29.642	Estragole	0.02
29.774	cis-Piperitol	0.03
29.976	alpha-Phellandrene epoxide	0.04
30.228	Verbenone	0.22
30.494	Octyl acetate	4.78
31.063	trans-Carveol	0.10
31.652	Decyl methyl ether	0.07
31.963	cis-Carveol	0.02
32.661	Cuminal	0.02
32.758	Carvone	0.06

Chromatogram Boswellia carterii - Revive



Comments:

The analysis of this Frankincense batch sample meets the expected chemical profile for authentic essential oil of *Boswellia carterii*. 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%
33.104	Carvotanacetone	0.02
34.221	3,5-Dimethoxytoluene	0.03
35.515	Bornyl acetate	0.21
36.426	Unidentified	0.04
39.710	alpha-Cubebene	0.08
41.587	alpha-Copaene	0.25
42.106	beta-Bourbonene	0.07
42.478	beta-Elementene	0.21
43.611	alpha-Gurjunene	0.03
44.400	beta-Caryophyllene	2.89
45.242	trans-alpha-Bergamotene	0.03
45.756	Guaia-6,9-diene	0.03
46.640	alpha-Humulene	0.22
46.916	Alloaromadendrene	0.05
47.674	10-beta-H-Cadina-1(6),4-diene	0.03
47.850	trans-Cadina-1(6),4-diene	0.10
48.228	Germacrene D	0.07
48.605	delta-Selinene	0.02
48.723	beta-Selinene	0.11
48.896	trans-Muurolo-4(14),5-diene	0.04
49.151	alpha-Selinene	0.14
49.311	alpha-Muuroloene	0.06
50.190	gamma-Cadinene	0.14
50.313	Cubebol	0.08
50.496	delta-Cadinene	0.25
54.264	Caryophyllene oxide	0.20
54.994	Globulol	0.06
55.863	Humulene epoxide II	0.06
57.714	tau-Cadinol	0.16
58.458	Unidentified	0.03
66.013	Phellandrene dimer	0.04
73.728	meta-Camphorene	0.03
74.028	Neocembrene	0.04
76.808	Verticilla-4(20),7,11-triene	0.03
82.495	Cembrenol	0.02
82.977	Incensole	0.17
83.078	Serratol	0.22
83.826	Incensole acetate	0.11
		100.00