

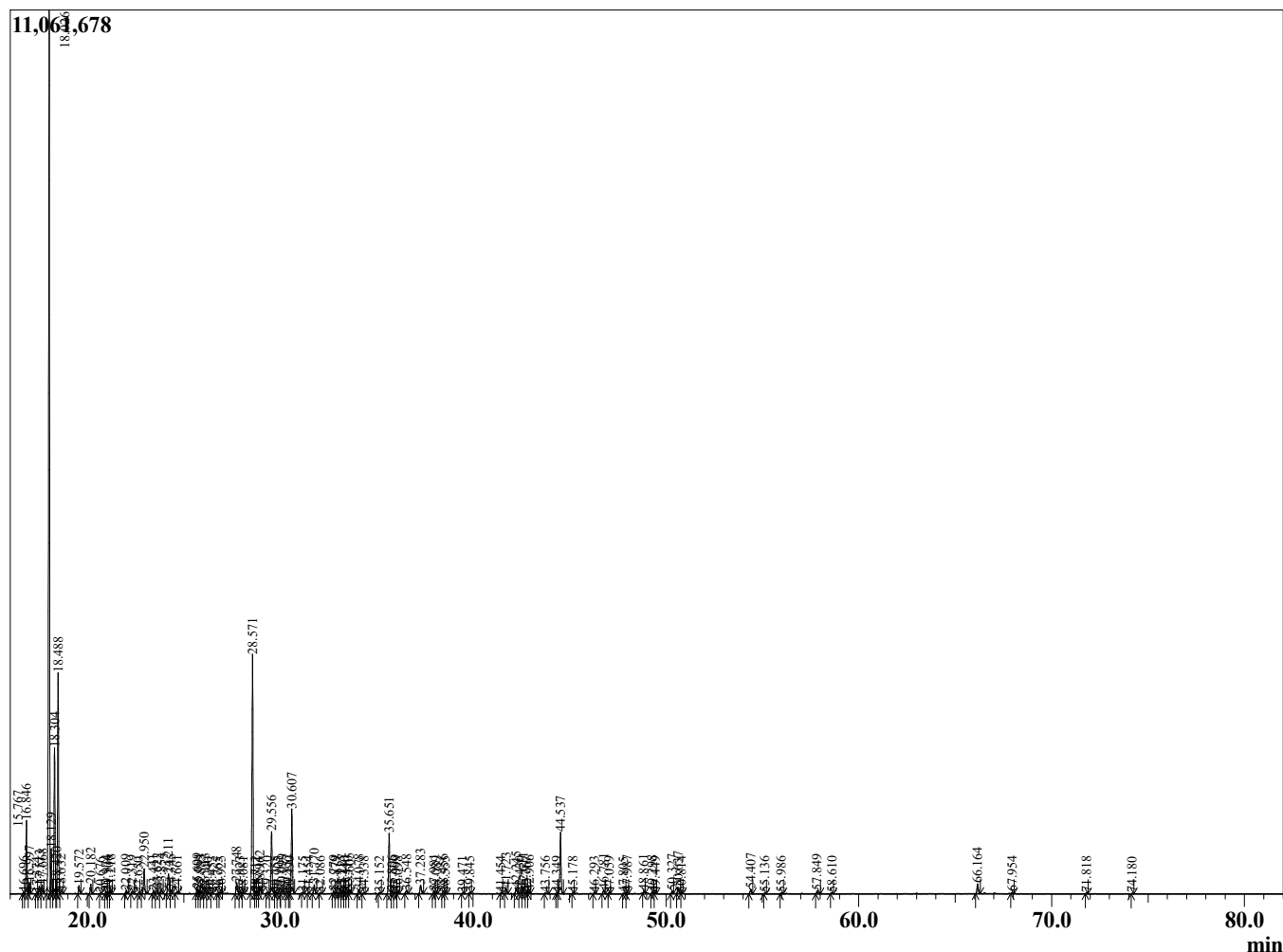
Sample Information

Sample Type : Essential Oil
Sample Name : Boswellia frereana
Injection Volume : 0.10

Frankincense Frereana
Lot# SOW16-WH
Country: Somalia



Chromatogram Boswellia frereana



Peak Report TIC

R.Time	Name	Area%
6.098	Toluene	0.03
8.471	3-Methyl pentanol	0.00
8.743	Unidentified	0.01
10.622	Unidentified	0.01
11.263	Terpinolene	0.02
11.946	Hashishene	0.82
12.071	Tricyclene	0.04
12.283	alpha-Thujene	40.16
12.350	Unidentified	0.01
12.528	Unidentified	0.00
12.672	alpha-Pinene	16.76
13.173	Thujadiene isomer	0.47
13.450	alpha-Fenchene	0.03
13.550	Camphene	0.75
13.750	Thuja-2,4(10)-diene	0.04
14.846	Sabinene	7.48
15.145	beta-Pinene	2.10
15.258	Unidentified	0.01
15.444	6-Methyl hept-5-en-2-one	0.04
15.767	Myrcene	0.81
16.696	Pseudolimonene	0.02
16.846	alpha-Phellandrene	0.89
16.997	delta-3-Carene	0.14
17.374	1,4-Cineole	0.01
17.513	alpha-Terpinene	0.10
17.668	ortho-Cymene	0.11
18.026	para-Cymene	11.84
18.129	Unidentified	0.51
18.304	Limonene	1.88
18.420	beta-Phellandrene	0.07
18.488	1,8-cineole	2.80
18.632	meta-Cymene	0.05
19.572	Unidentified	0.11
20.182	gamma-Terpinene	0.13
20.676	Unidentified	0.01
20.974	trans-Sabinene hydrate	0.03
21.106	Unidentified	0.03
21.218	Unidentified	0.04
22.009	Terpinolene	0.04
22.319	Dehydro-para-cymene	0.03
22.650	Unidentified	0.01
22.950	Linalool	0.38
23.441	alpha-Thujone	0.05
23.622	Unidentified	0.06
23.854	Unidentified	0.06
24.211	beta-Thujone	0.38
24.345	Myrcenol	0.05
24.661	cis-para-Menth-2-en-1-ol	0.03
25.699	trans-Sabinol	0.06
25.791	trans-Pinocarveol	0.06
25.885	trans-para-menth-2-en-1-ol	0.02
26.113	trans-Verbenol	0.06
26.240	Camphor	0.01
26.453	alpha-Phellandrene-8-ol	0.02
26.765	Unidentified	0.01
26.925	Unidentified	0.02

R.Time	Name	Area%
27.748	Unidentified	0.19
27.923	Unidentified	0.03
28.081	Carvenone	0.01
28.571	Terpinen-4-ol	3.58
28.712	Thuj-3-en-10-al	0.02
28.811	4'-Methyl acetophenone	0.02
28.962	para-Cymen-8-ol	0.09
29.320	para-Mentha-1,5-dien-7-ol	0.02
29.556	alpha-Terpineol	0.93
29.755	Estragole	0.02
29.905	Unidentified	0.02
30.099	alpha-Phellandrene epoxide	0.05
30.352	Verbenone	0.04
30.490	Unidentified	0.01
30.607	Octyl acetate	1.25
31.175	trans-Carveol	0.02
31.454	Unidentified	0.01
31.770	1-Methoxy decane	0.14
32.086	Unidentified	0.02
32.779	Cuminaldehyde	0.03
32.879	Carvone	0.02
33.113	Unidentified	0.02
33.227	Carvotanacetone	0.04
33.340	Ascaridole	0.01
33.510	Unidentified	0.02
33.605	Unidentified	0.06
34.078	Unidentified	0.05
34.338	Unidentified	0.01
35.152	Unidentified	0.01
35.651	Bornyl acetate	0.94
35.806	Isobornyl acetate	0.04
35.999	Thymol	0.03
36.098	Unidentified	0.02
36.548	Carvacrol	0.04
37.283	Unidentified	0.15
37.981	Unidentified	0.04
38.089	Unidentified	0.01
38.456	Unidentified	0.04
38.555	Unidentified	0.01
39.471	Unidentified	0.01
39.845	alpha-Cubebene	0.02
41.454	Unidentified	0.01
41.723	alpha-Copaene	0.08
42.245	beta-Bourbonene	0.09
42.430	alpha-Bourbonene	0.02
42.611	beta-Elemene	0.08
42.767	Unidentified	0.02
42.906	Unidentified	0.04
43.756	Unidentified	0.02
44.349	Unidentified	0.01
44.537	trans-beta-Caryophyllene	0.98
45.178	beta-Cubebene	0.01
46.293	Isobornyl isobutanoate <5-hydroxy->	0.02
46.781	alpha-Humulene	0.06
47.059	Alloaromadendrene	0.02
47.805	trans-Cadina-1(6),4-diene	0.01
47.987	gamma-Muurolene	0.03
48.861	beta-Selinene	0.03
49.298	alpha-Selinene	0.03
49.449	alpha-Muurolene	0.02
50.327	gamma-Cadinene	0.04
50.637	delta-Cadinene	0.09

R.Time	Name	Area%
50.814	cis-Calamenene	0.01
54.407	Caryophyllene oxide	0.08
55.136	Viridiflorol	0.01
55.986	Unidentified	0.02
57.849	tau-Cadinol	0.06
58.610	Unidentified	0.01
66.164	Unidentified	0.17
67.954	Unidentified	0.02
71.818	Unidentified	0.01
74.180	Neocembrene	0.01
82.641	Unidentified	0.01
83.126	Incensole	0.04
83.231	Serratol	0.09
		100.00