

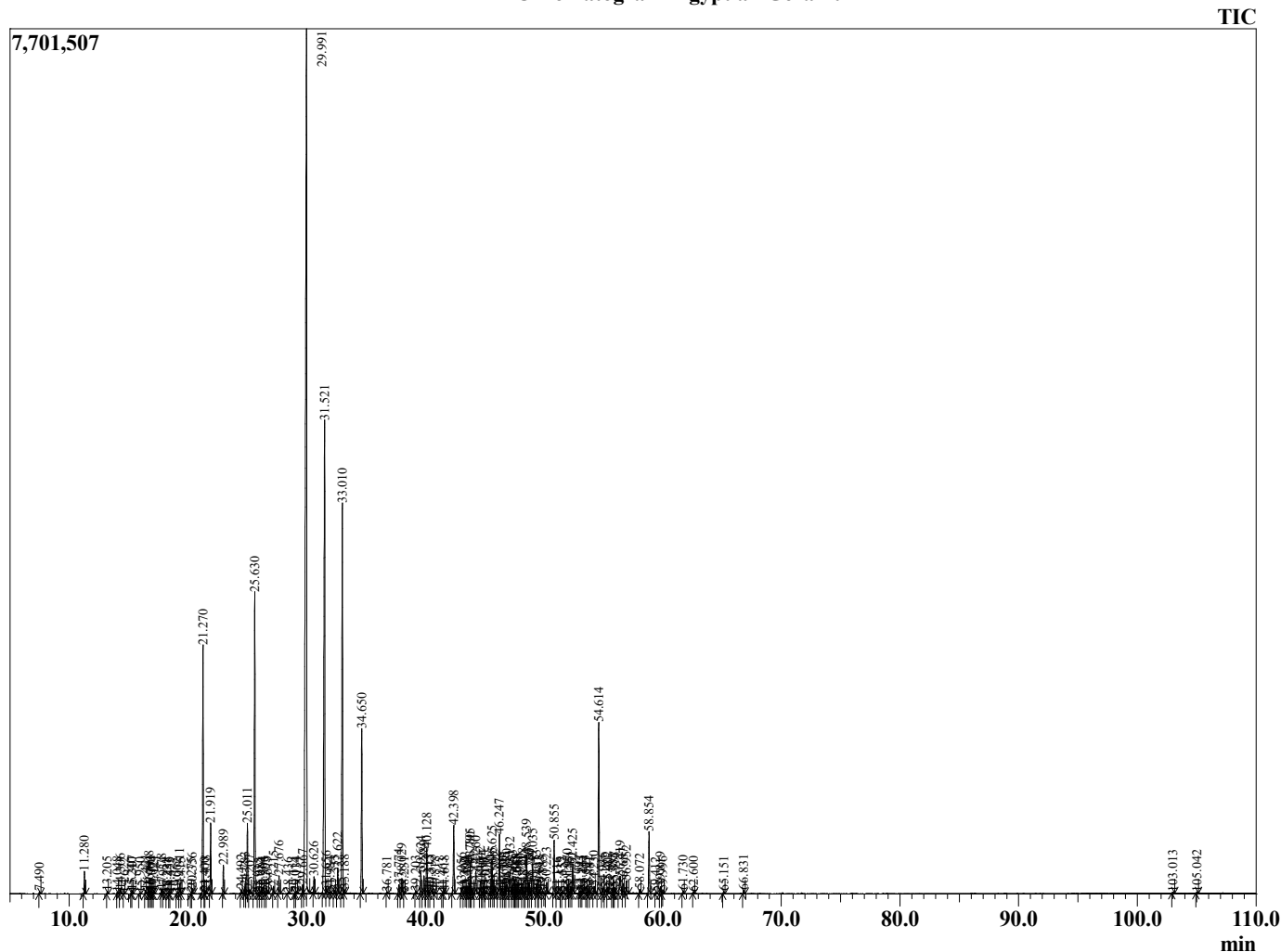
Sample Information

Analyzed by : K.Smith
 Analyzed : 9/29/2023 9:57:59 PM
 Sample Type : Essential Oil
 Sample Name : Egyptian Geranium
 Injection Volume : 0.10 µL
 Lot Number : 13272
 Instrument ID : GC-2

Peak Report TIC

R.Time	Name	Area%
7.490	3-Methyl pentanol	0.03
11.280	alpha-Pinene	0.34
13.205	Bois de Rose oxide	0.04
14.048	6-Methyl hept-5-en-2-one	0.03
14.306	Myrcene	0.11
14.622	Unidentified	0.02
15.240	cis-Dehydrolinalool oxide	0.02
15.307	alpha-Phellandrene	0.05
15.950	alpha-Terpinolene	0.01
16.421	para-Cymene	0.06
16.698	Limonene	0.12
16.791	beta-Phellandrene	0.04
16.900	Dihydromyrcenol analogue	0.03
17.024	Dihydromyrcenol	0.03
17.121	cis-beta-Ocimene	0.06
17.778	trans-beta-Ocimene	0.09
17.934	Unidentified	0.02
18.221	Melon aldehyde	0.01
18.455	Unidentified	0.01
18.529	gamma-Terpinolene	0.01
19.062	Unidentified	0.01
19.311	cis-Linalool oxide (furanoid)	0.20
19.415	Unidentified	0.02
20.275	Terpinolene	0.02
20.356	trans-Linalool oxide (furanoid)	0.11
21.270	Linalool	4.86
21.400	Unidentified	0.02
21.478	6-Methyl heptadi-3,5-en-2-one	0.05
21.919	cis-Rose oxide	1.29
22.989	trans-Rose oxide	0.54
24.492	Unidentified	0.08
24.783	Citronellal	0.12
25.011	Menthone	1.35
25.207	Unidentified	0.11
25.630	Isomenthone	6.17
25.935	Unidentified	0.01
26.084	alpha-Phellandrene-8-ol	0.03
26.304	Unidentified	0.04
26.505	Citronellyl isobutyrate	0.02
26.679	Terpinen-4-ol	0.05
27.215	Isomenthol	0.14
27.676	alpha-Terpineol	0.37
28.436	Unidentified	0.03
29.014	Unidentified	0.03
29.134	Unidentified	0.05
29.667	Nerol	0.19
29.991	Citronellol	32.23
30.626	Neral	0.32
31.521	Geraniol	13.05
31.656	Unidentified	0.13
31.984	Neomenthyl acetate	0.02
32.333	Isogeraniol	0.06
32.622	Geranial	0.51
33.010	Citronellyl formate	8.39
33.188	Neryl formate	0.08
34.650	Geranyl formate	3.36
36.781	delta-Elementene	0.03
37.774	alpha-Cubebene	0.20
38.029	Citronellyl acetate	0.36
38.231	Unidentified	0.04
39.203	alpha-Ylangene	0.04
39.624	alpha-Copaene	0.49

Chromatogram Egyptian Geranium



© Copyright 2023 Shay and Company All rights reserved.

This report is provided as a courtesy to our customers for their evaluation only. Any publishing, copying, use, dissemination, or distribution of this report, including online, without the express written permission of Shay and Company is strictly prohibited.

R.Time	Name	Area%
39.889	Geranyl acetate	0.38
40.128	beta-Bourbonene	1.01
40.313	alpha-Bourbonene	0.08
40.533	beta-Elemene	0.10
40.818	Unidentified	0.05
41.463	cis-beta-Caryophyllene	0.01
41.618	alpha-Gurjunene	0.06
42.398	beta-Caryophyllene	1.58
43.056	beta-Copaene	0.14
43.302	Unidentified	0.03
43.409	Unidentified	0.01
43.580	Aromadendrene	0.06
43.780	Unidentified	0.23
43.795	Citronellyl propionate	0.44
43.953	Isogermacrene D	0.13
44.260	Unidentified	0.54
44.642	alpha-Humulene	0.28
44.810	Unidentified	0.02
44.914	Alloaromodendrene	0.19
45.076	Unidentified	0.04
45.440	Unidentified	0.05
45.625	Geranyl propanoate	0.72
45.685	trans-Cadina-1(6),4-diene	0.18
45.892	Unidentified	0.17
46.247	Germacrene D	1.40
46.406	Selina-4,11-diene	0.13
46.610	Unidentified	0.05
46.725	beta-Selinene	0.16
46.880	gamma-Murolene + Unidentified	0.33
47.132	Bicyclogermacrene	0.52
47.353	alpha-Murolene	0.19
47.505	Unidentified	0.02
47.645	Unidentified	0.07
47.688	Dihydroagarofuran analogue	0.11
47.768	trans,trans-alpha-Farnesene	0.08
47.980	Geranyl isobutyrate	0.10
48.218	gamma-Cadinene	0.23
48.344	Cubebol analogue	0.04
48.539	delta-Cadinene	0.86
48.737	cis-Calamenene	0.25
48.780	Zonarene	0.15
49.035	Citronellyl butyrate	0.66
49.373	trans-Cadina-1,4-diene	0.20
49.493	Unidentified	0.03
49.613	Selina-4(15),7(11)-diene	0.09
49.885	alpha-Calacorene	0.06
50.223	alpha-Agarofuran	0.24
50.855	Geranyl butyrate	1.19
51.116	Unidentified	0.03
51.435	Unidentified	0.03
51.552	Unidentified	0.05
51.970	Spathulenol	0.22
52.145	Unidentified	0.03
52.261	Caryophyllene oxide	0.16
52.425	Phenethyl tiglate	0.73
52.997	Viridiflorol	0.05
53.145	Cubeban-11-ol	0.06
53.261	Neryl isovalerate	0.09
53.597	Unidentified	0.04
53.742	Eudesmol analogue	0.09
53.881	Humulene epoxide II	0.04
54.230	1,10-di-epi-Cubenol	0.17
54.614	10-epi-gamma-Eudesmol	4.08

R.Time	Name	Area%
54.946	Epicubenol	0.14
55.187	gamma-Eudesmol	0.13
55.402	Hinesol	0.18
55.785	Cubenol analogue	0.12
55.887	Unidentified	0.16
55.976	Unidentified	0.16
56.419	Unidentified + Unidentified	0.66
56.687	Unidentified	0.25
56.952	trans-Citronellyl tiglate	0.32
58.072	Citronellyl hexanoate	0.10
58.854	Geranyl tiglate	1.36
59.412	Unidentified	0.02
59.819	Neryll hexanoate	0.16
59.996	Citronellyl hexanoate	0.06
61.730	Geraniol hexanoate	0.06
62.600	Benzyl benzoate	0.03
65.151	Unidentified	0.05
66.831	Unidentified	0.07
103.013	Unidentified	0.03
105.042	Unidentied	0.04
		100.00