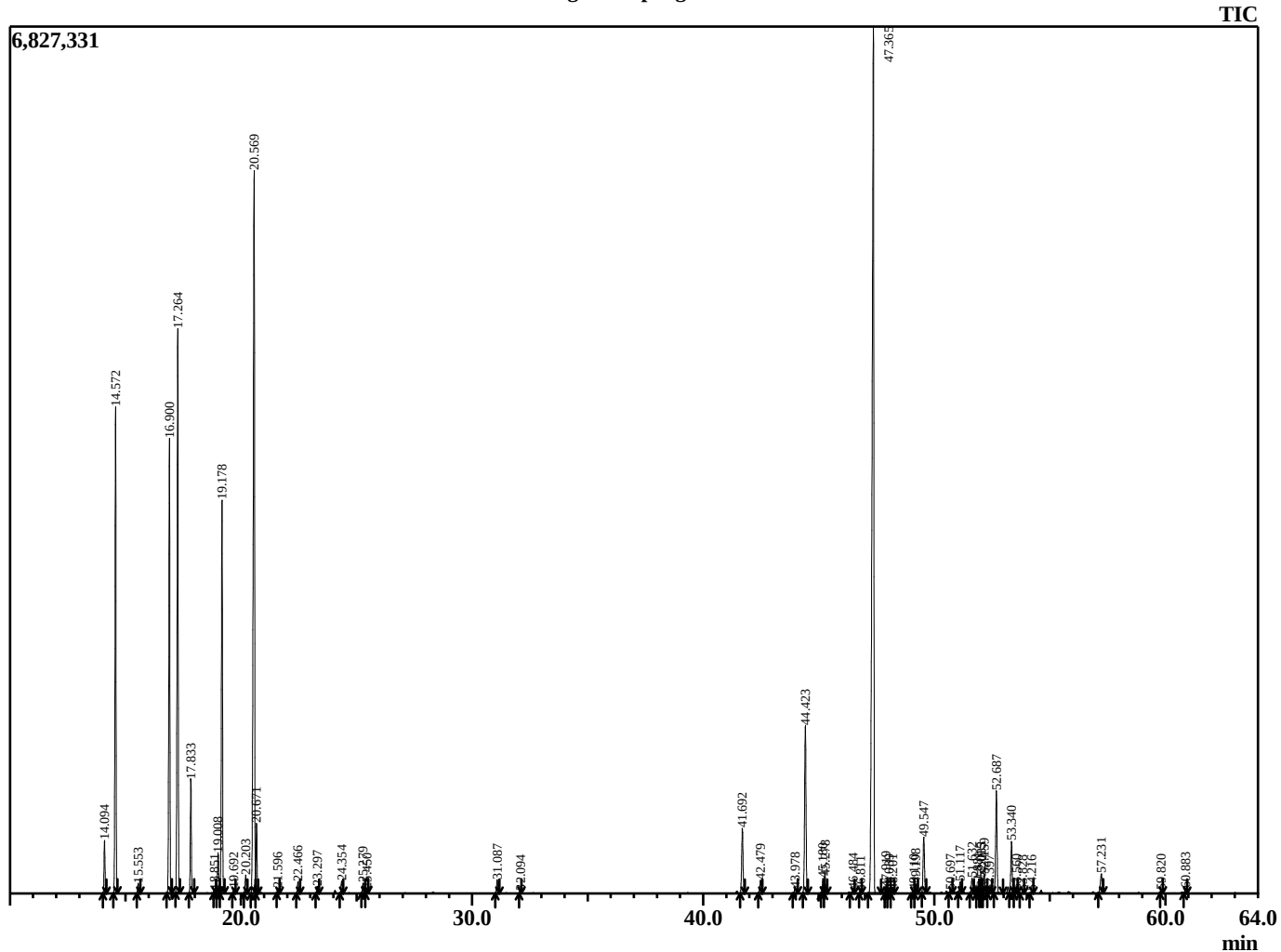


Sample Information

Analyzed by : B. Harris
 Analyzed : 6/22/2016 7:20:48 PM
 Sample Type : Essential Oil
 Sample Name : PipNig2
 Lot Number : 30921
 Injection Volume : 0.10

Chromatogram PipNig2 Lot 30921



R.Time	Name	Area%
14.094	Thujene <alpha>	0.87
14.572	Pinene <alpha>	8.52
15.553	Camphene	0.18
16.900	Sabinene	8.25
17.264	Pinene <beta>	10.73
17.833	Myrcene	2.05
18.851	Pseudolimonene	0.06
19.008	Phellandrene <alpha>	0.79
19.178	3-Carene	7.51
19.692	Terpinene <alpha>	0.10
20.203	Cymene <para>	0.36
20.569	Limonene	17.16
20.671	Phellandrene <beta>	1.21
21.596	Ocimene <E-beta>	0.09
22.466	Terpinene <gamma>	0.24
23.297	Sabinene hydrate <cis>	0.14
24.354	Terpinolene	0.24
25.279	Linalool	0.20
25.450	Sabinene hydrate <trans>	0.08
31.087	Terpinen-4-ol	0.29
32.094	Terpineol <alpha>	0.05
41.692	Elemene <delta>	1.51
42.479	Cubebene <alpha>	0.29
43.978	Isoledene	0.13
44.423	Copaene <alpha>	4.01
45.180	Cubebene <beta>	0.35
45.278	Elemene <beta>	0.40
46.484	Gurjunene <alpha>	0.11
46.811	Bergamotene <cis-alpha>	0.04
47.365	Caryophyllene <trans>	25.57
47.919	Copaene <beta>	0.15
48.039	Bergamotene <trans-alpha>	0.06
48.201	Guaiene <alpha>	0.06
49.110	Murrola-3,5-diene <trans>	0.07
49.198	Farnesene <(E)-, beta>	0.22
49.547	Humulene <alpha>	1.35
50.697	Cadina-1(6),4-diene <trans>	0.07
51.117	Germacrene D	0.28
51.632	Selinene <beta>	0.39
51.881	Zingiberene <alpha>	0.15
52.015	Cubebol <epi>	0.24
52.033	Selinene <alpha>	0.26
52.159	Murolene <alpha>	0.50
52.397	Farnesene <(E,E)-alpha>	0.05
52.687	Bisabolene <beta>	2.43
53.340	Cadinene <delta>	1.22
53.560	Calamenene <cis>	0.08
53.828	Bisabolene <(E)-gamma>	0.05
54.216	Cadine-1,4-diene <trans>	0.06
57.231	Caryophyllene oxide	0.55
59.820	Spathulenol	0.07
60.883	Cadinol <epi-alpha>	0.12
		100.00

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