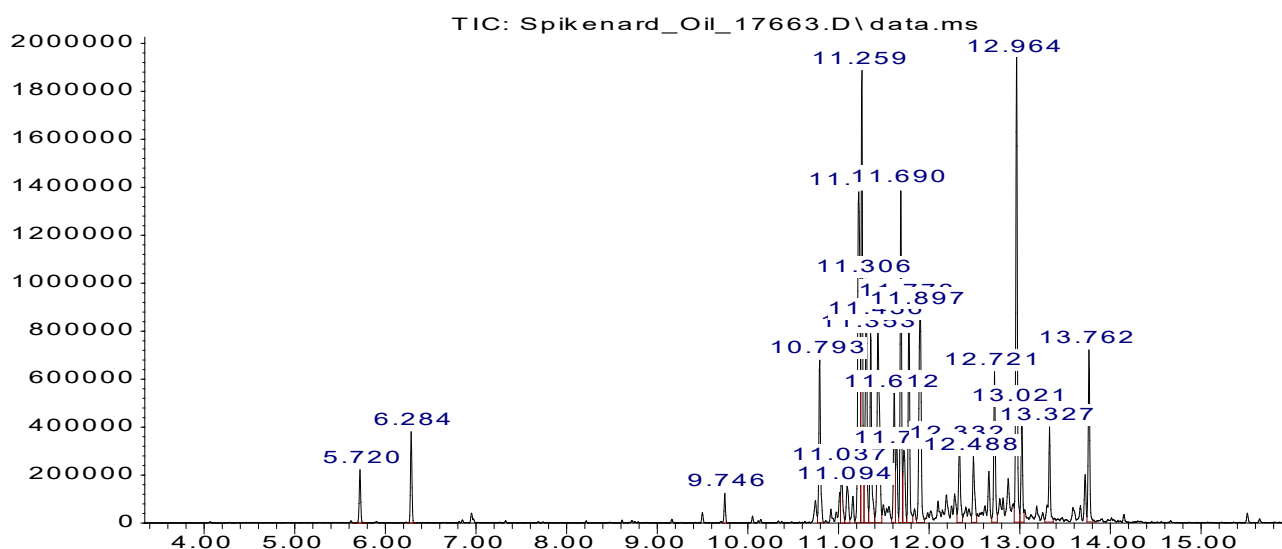


Typical GC Analysis

Product Name:	Spikenard Essential Oil	Batch No:	Typical Batch
Method	Carrier Gas: Helium Column: Restek Rxi-1ms 30m x 0.25mm x 0.25µm Detector: MS, Full Scan 50-500amu		
Additional Information			

Abundance



Time-->

Peak	RT Mins	Compound	Area	Peak start	Peak end	%
1	5.720	α-Pinene	256230	5.663	5.792	0.9
2	6.284	β-Pinene	408777	6.248	6.321	1.4
3	9.746	Methyl myrtenate	128693	9.720	9.777	0.4
4	10.793	β-Patchoulene	870470	10.767	10.840	3.0
5	11.037	β-Maaliene	311355	11.021	11.068	1.1
6	11.094	Aristolene	274711	11.068	11.125	0.9
7	11.223	Calarene	2521706	11.182	11.244	8.7
8	11.259	Guaia-6,9-diene	2067107	11.244	11.280	7.1
9	11.306	Seychellene	1371322	11.280	11.332	4.7
10	11.353	Valerena-4,7(11)-diene	1022887	11.332	11.399	3.5
11	11.436	α-Patchoulene & Patchoulene	1547459	11.399	11.477	5.3
12	11.612	cis-Muurola-4(15),5-diene	695693	11.586	11.627	2.4
13	11.690	Valencene	1629148	11.664	11.705	5.6
14	11.721	Aciphyllene	435345	11.710	11.752	1.5

Typical GC Analysis

15	11.778	δ -Guaiene	1092947	11.752	11.819	3.8
16	11.897	β -Guaiene	1548352	11.861	11.949	5.3
17	12.332	Spirojatamol	489972	12.306	12.368	1.7
18	12.488	Epicubenol	417346	12.467	12.524	1.4
19	12.721	Spirojatamol isomer	779433	12.690	12.752	2.7
20	12.964	Patchouli alcohol	2374255	12.938	13.001	8.2
21	13.021	(+)-Valeranone ((+)-Jatamansone)	554982	13.001	13.047	1.9
22	13.327	1,2-Dehydro- α -cyperone	551136	13.275	13.369	1.9
23	13.762	Palustrol	848036	13.742	13.840	2.9