

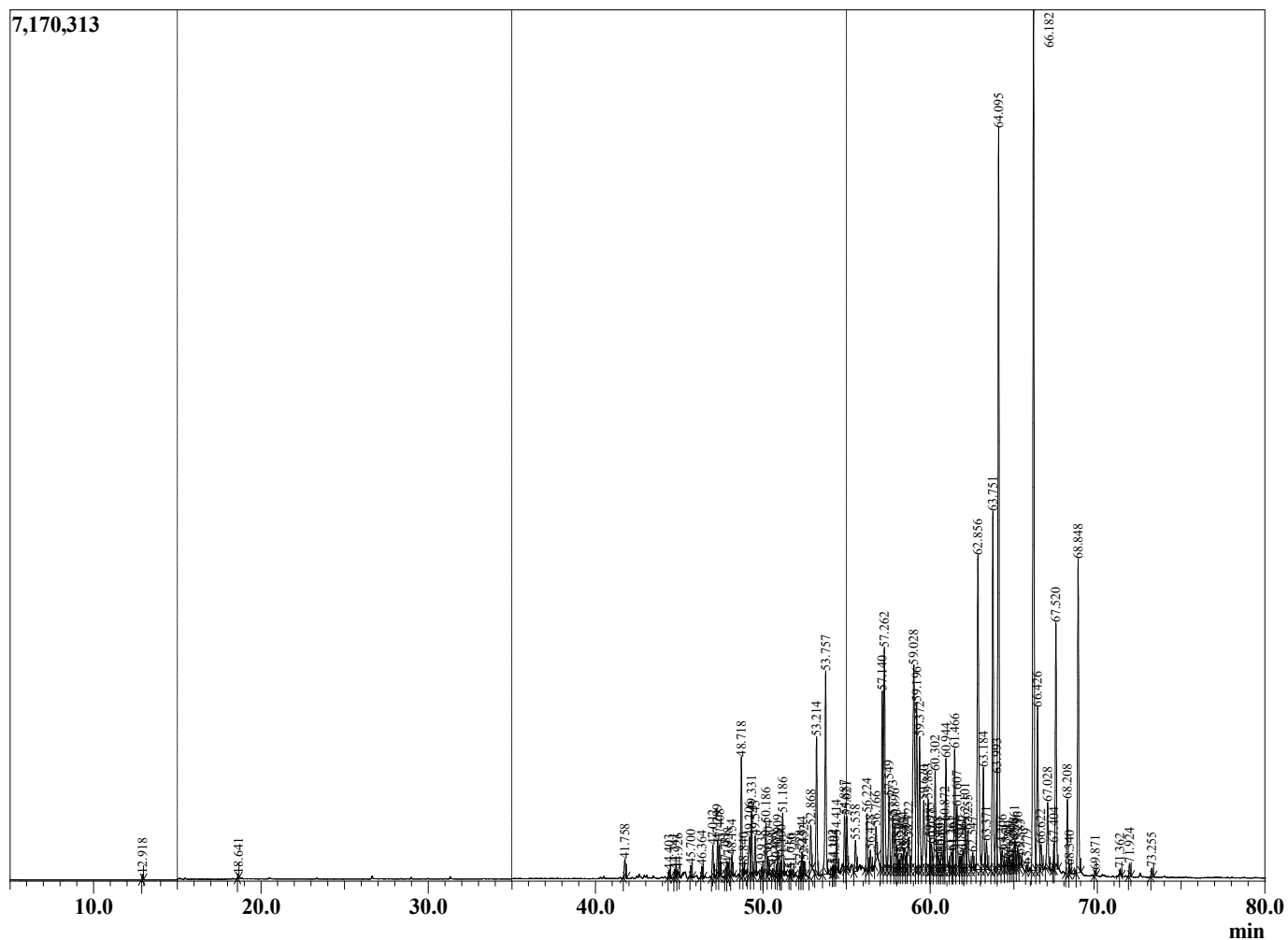
Sample Information

Sample Type : Essential Oil  
 Sample Name : Vetiveria zizanioides :  
 Injection Volume : 0.10

Vetiver  
 Lot# HAR24-RC  
 Country: Haiti



Chromatogram Vetiveria zizanioides



R.Time	Name	Peak Report TIC	Area%
12.918	alpha-Pinene		0.04
18.641	Limonene		0.03
41.758	alpha-Ylangene		0.24
44.403	Unidentified		0.08
44.741	beta-Cedrene		0.10
44.926	Unidentified		0.11
45.700	cis-Muuroala-4(14),5-diene		0.12
46.364	6,9-Guaiadiene		0.12
47.012	Prezizaene		0.39
47.299	Khusimene		0.43
47.408	Unidentified		0.36
47.781	Unidentified		0.11
47.928	11,12,13-tri-nor-cis-Eudesm-5-en-7-one		0.20
48.154	(E)-Eremophila-1(10),7(11)-dien-12-yl acetat		0.24
48.718	alpha-Amorphene		1.49
48.840	Unidentified		0.06
49.206	delta-Selinene		0.66
49.331	beta-Vetispirene		0.76
49.545	trans-Murrola-4(14),5-diene		0.47
49.938	Unidentified		0.11
50.186	delta-Amorphene		0.70
50.304	Unidentified		0.24
50.588	Unidentified		0.07
50.828	Nootkatene		0.13
50.909	Unidentified		0.30
51.100	delta-Cadinene		0.15
51.186	Selina-4(15),7(11)-diene		0.77
51.616	Unidentified		0.06
51.750	Unidentified		0.10
52.228	Selina-4(15),7(11)-diene isomer		0.11
52.344	Unidentified		0.30
52.452	alpha-Calacorene		0.18
52.868	Elemol		0.63
53.214	beta-Vetivenene		1.75
53.757	cis-Eudesm-6-en-11-ol		2.82
54.192	13-nor-Eudesm-5-en-11-one		0.08
54.304	Unidentified		0.08
54.414	Unidentified		0.47
54.887	Unidentified		0.63
55.021	3,5,11-Eudesmatriene		0.63
55.538	Unidentified		0.44
56.224	Khusimone		0.67
56.428	Unidentified		0.26
56.766	3,5,11-Eudesmatriene isomer		0.44
57.140	Germaeren D-4-ol isomer		2.34
57.262	Unidentified		3.43
57.549	Unidentified		1.07
57.773	Unidentified		0.78
57.896	Unidentified		0.66
58.000	Unidentified		0.33
58.152	Unidentified		0.13
58.290	Unidentified		0.23
58.434	Unidentified		0.35
58.594	delta-Cadinol		0.22
58.722	Cadinol isomer		0.59
59.028	alpha-Cadinol		4.38

R.Time	Name	Area%
59.196	Cyclocopacamphan-12-ol epimer A	2.41
59.372	Cyclocopacamphan-12-ol epimer B	1.86
59.620	Unidentified	1.29
59.883	Unidentified	1.44
59.985	beta-Bisabolol	0.34
60.077	Unidentified	0.40
60.302	2-epi-Ziza-6(13)-en-3-alpha-ol	1.48
60.448	2-epi-Ziza-6(13)-en-3-beta-ol	0.24
60.583	Unidentified	0.11
60.691	Unidentified	0.30
60.872	Unidentified	0.56
60.944	Khusian-2-ol	1.65
61.261	Unidentified	0.27
61.362	Unidentified	0.23
61.466	Selin-7(11)-en-4-ol	1.74
61.607	2-epi-Ziza-6(13)-en-3-alpha-ol isomer	0.94
61.840	Methyl ziza-6(13)-en-12-oate	0.18
61.967	Unidentified	0.33
62.101	13-nor-Eudesma-4,6-dien-11-one	0.70
62.255	Nootkatol	0.63
62.547	Isovetiselinol	0.23
62.856	Vetiselinol	5.48
63.184	Unidentified	1.54
63.371	Unidentified	0.40
63.751	Zizanol	4.70
63.993	epi-Zizanal	1.08
64.095	Khusimol	10.13
64.306	Unidentified	0.29
64.551	Unidentified	0.14
64.709	Unidentified	0.13
64.830	Unidentified	0.07
64.998	Unidentified	0.15
65.061	Unidentified	0.39
65.236	Unidentified	0.31
65.383	Unidentified	0.20
65.779	cis-Isovalencenol	0.08
66.182	trans-Isovalencenol	12.12
66.426	Unidentified	2.56
66.622	Unidentified	0.38
67.028	Nootkatone	1.02
67.404	Unidentified	0.27
67.520	beta-Vetivone	3.12
68.208	E-Isovalencenal	0.98
68.340	Unidentified	0.10
68.848	alpha-Vetivone	4.00
69.871	Unidentified	0.06
71.362	Isovalencenyl formate isomer	0.05
71.924	Isovalencenyl formate	0.15
73.255	Unidentified	0.10
		100.00