

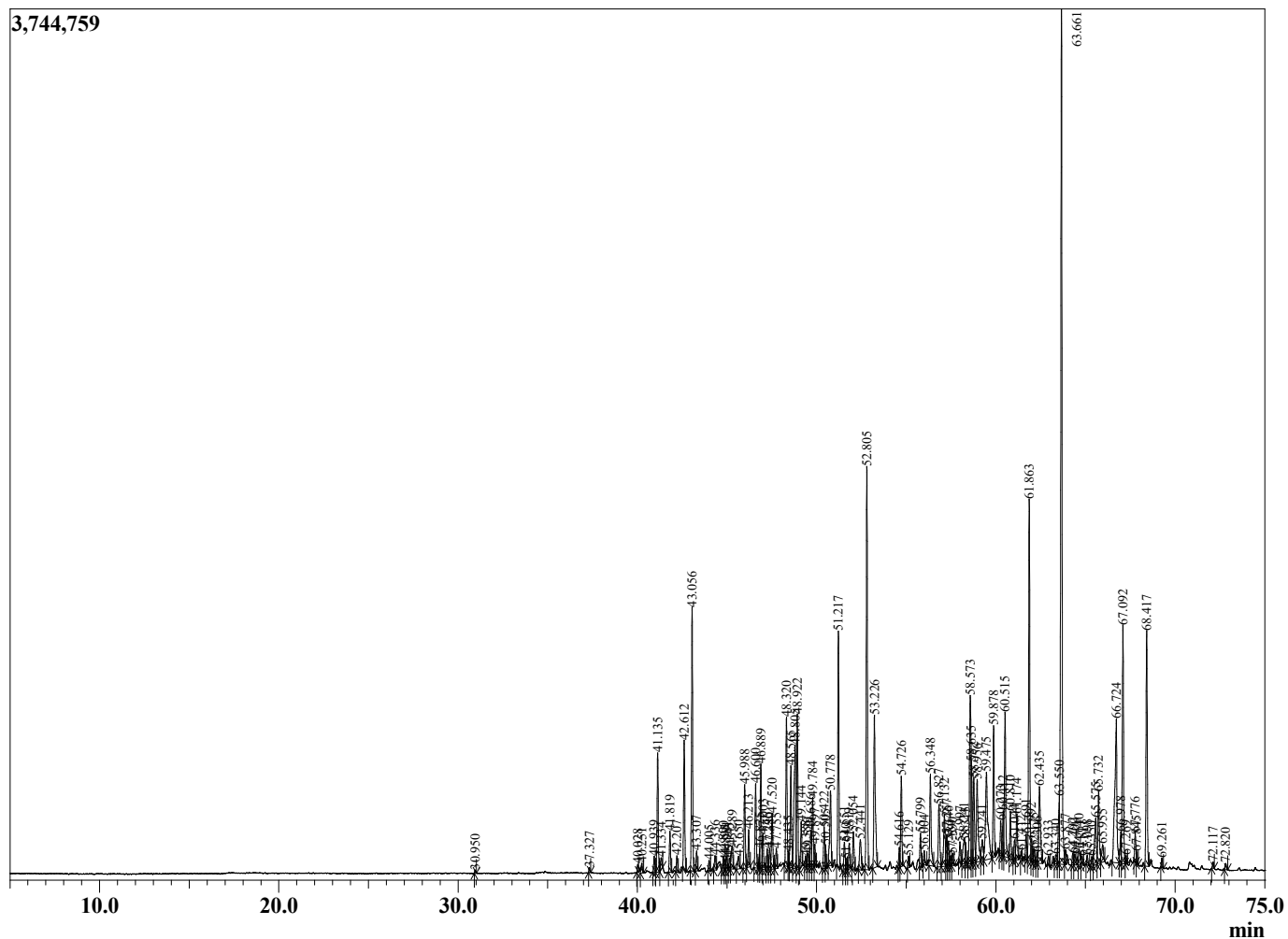
Sample Information

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

Vetiver Indonesia
 Lot# INH6-HH
 Country: Indonesia



Chromatogram Vetiveria zizanioides



R.Time	Name	Area%
30.950	Unidentified	0.04
37.327	4-Vinyl guaiacol	0.05
40.028	Unidentified	0.09
40.251	Nigritene isomer	0.13
40.939	Unidentified	0.19
41.135	Unidentified	1.51
41.334	Isoledene	0.18
41.819	Nigritene isomer	0.53
42.207	alpha-Funebrene	0.19
42.612	6-epi-Nigritene	1.66
43.056	Nigritene	3.26
43.307	Unidentified	0.24
44.005	Unidentified	0.13
44.336	alpha-Cedrene	0.22
44.800	Unidentified	0.19
44.895	Unidentified	0.12
44.981	Unidentified	0.17
45.145	Unidentified	0.14
45.289	Unidentified	0.41
45.650	Unidentified	0.23
45.988	Unidentified	1.06
46.213	(E)-Isoeugenol	0.45
46.600	Prezizaene	1.15
46.825	Unidentified	0.15
46.889	Khusimene	1.39
47.003	Unidentified	0.48
47.246	Unidentified	0.24
47.380	Unidentified	0.26
47.520	11,12,13-tri-nor-cis-Eudesm-5-en-7-one	0.81
47.755	(E)-Eremophila-1(10),7(11)-dien-12-yl acetat	0.24
48.320	alpha-Amorphene	2.02
48.435	Unidentified	0.14
48.565	alpha-Vetispirene	1.48
48.805	Unidentified + delta-Selinene	2.42
48.922	Vetispirene	2.02
49.144	Valencene	0.57
49.388	Unidentified	0.12
49.529	Unidentified	0.16
49.686	Spirovetiva-3,7(11)-dien-12-yl methyl ether	0.48
49.784	delta-Amorphene	0.94
49.897	Unidentified	0.29
50.422	Nootkatene	0.61
50.505	Unidentified	0.20
50.778	Unidentified	1.13
51.217	gamma-Vetivenene	2.93
51.551	beta-Maaliene	0.41
51.640	Unidentified	0.11
51.819	Selina-4(15),7(11)-diene	0.31
52.054	alpha-Calacorene	0.52
52.441	Unidentified	0.55
52.805	beta-Vetivenene	5.30
53.226	Vetivenene analogue + Unidentified	2.49
54.616	3,5,11-Eudesmatriene isomer	0.24
54.726	Unidentified	1.19
55.129	Unidentified	0.13
55.799	Khusimone	0.42

R.Time	Name	Area%
56.004	Unidentified	0.19
56.348	3,5,11-Eudesmatriene isomer	1.33
56.827	Maaliol	1.02
57.132	Unidentified	0.90
57.257	Unidentified	0.42
57.346	gamma-Eudesmol	0.32
57.480	1-epi-Cubenol	0.16
57.590	Unidentified	0.15
57.997	alpha-Funebren-15-al	0.26
58.241	Cubenol analogue + Unidentified	0.52
58.315	alpha-Cadinol	0.25
58.573	Unidentified	2.84
58.635	Unidentified	1.02
58.772	Cyclocopacamphan-12-ol epimer ACyclocopa	1.24
58.956	Cyclocopacamphan-12-ol epimer B	1.56
59.241	Unidentified	0.40
59.475	Zizanal	2.36
59.878	2-epi-Ziza-6(13)-en-3-alpha-ol isomer	1.67
60.273	Unidentified	0.44
60.412	Unidentified	0.55
60.515	Khusian-2-ol	2.15
60.810	epi-Zizanal	0.63
61.044	Juniper camphor	0.29
61.174	2-epi-Ziza-6(13)-en-3-alpha-ol isomer	0.64
61.412	Unidentified	0.11
61.691	13-nor-Eudesma-4,6-dien-11-one	0.31
61.863	Unidentified	4.73
61.992	Unidentified	0.32
62.125	Unidentified	0.19
62.306	Unidentified	0.14
62.435	Vetiselinenol	1.39
62.933	Unidentified	0.13
63.340	Unidentified	0.17
63.550	Unidentified	0.83
63.661	Khusimol	12.39
63.877	Unidentified	0.22
64.292	Unidentified	0.14
64.400	Unidentified	0.20
64.640	Unidentified	0.26
64.811	Unidentified	0.13
65.098	Unidentified	0.14
65.350	cis-Isovalencenol	0.15
65.575	Unidentified	0.96
65.732	trans-Isovalencenol	1.09
65.955	Unidentified	0.37
66.724	Zizanoic acid	3.40
66.978	Z-Isovalencenal	0.43
67.092	beta-Vetivone	3.28
67.269	Unidentified	0.11
67.776	E-Isovalencenal	0.41
67.845	Unidentified	0.10
68.417	alpha-Vetivone	3.22
69.261	2-epi-Ziza-6(13)-en-3-alpha-ol	0.11
72.117	Unidentified	0.08
72.820	Unidentified	0.09
		100.00