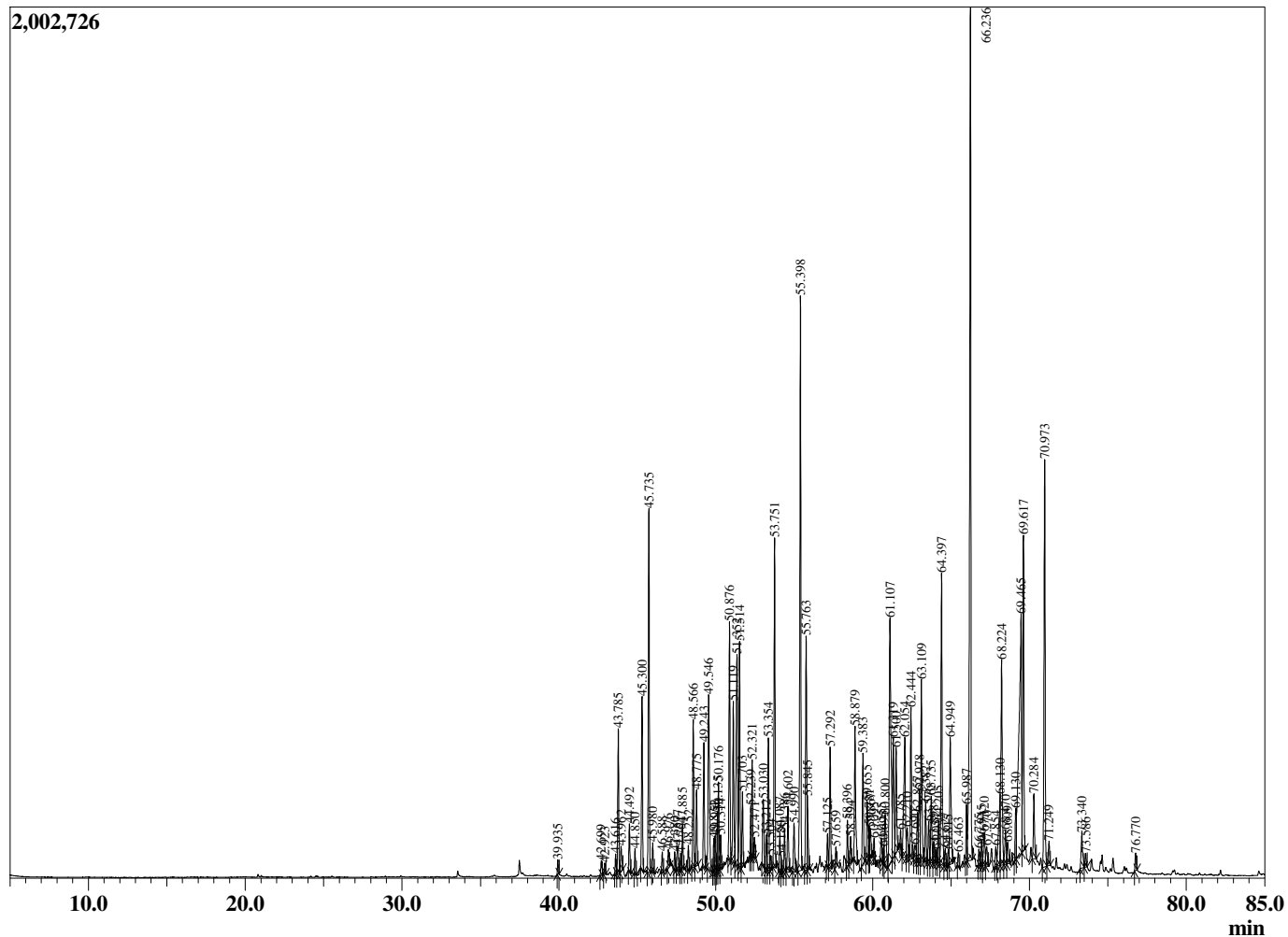


Sample Information

Analyzed : 1/21/2021 7:35:57 AM
Sample Type : Essential Oil
Sample Name : Vetiveria zizanioides
Injection Volume : 0.10

Vetiver Indonesia
Lot# INE5-EC
Country: Indonesia

Chromatogram Vetiveria zizanioides



Peak Report TIC

R.Time	Name	Area%
39.935	4-vinyl-Guaiacol	0.11
42.699	Unidentified	0.15
42.923	Unidentified	0.10
43.616	Unidentified	0.15
43.785	Unidentified	1.26
43.962	alpha-Ylangene	0.27
44.492	Nigritene isomer	0.40
44.850	alpha-Funebrene	0.21
45.300	6-epi-Nigritene	1.50
45.735	Nigritene	3.18
45.980	Unidentified	0.25
46.588	Unidentified	0.17
46.976	beta-Cedrene	0.17
47.380	Daucene	0.14
47.577	Unidentified	0.30
47.764	Unidentified	0.13
47.885	Unidentified	0.39
48.252	Unidentified	0.20
48.566	Unidentified	1.32
48.775	(E)-Isoeugenol	0.66
49.243	Prezizaene	1.14
49.546	Khusimene	2.09
49.874	Unidentified	0.27
49.953	Unidentified	0.31
50.135	Unidentified	0.43
50.176	11,12,13-tri-nor-cis-Eudesm-5-en-7-one	0.76
50.314	(E)-Eremophila-1(10),7(11)-dien-12-yl acetat	0.29
50.876	alpha-Amorphene	2.08
51.119	alpha-Vetispirene	1.59
51.352	delta-Selinene	2.68
51.514	beta-Vetispirene	1.99
51.703	Valencene	0.65
52.239	Spirovetiva-3,7(11)-dien-12-yl methyl ether	0.38
52.321	delta-Amorphene	0.86
52.471	Unidentified	0.17
53.030	Nootkatene	0.74
53.212	delta-Cadinene	0.29
53.354	Unidentified	1.21
53.504	Zonarene	0.13
53.751	Unidentified	2.98
54.087	Unidentified	0.37
54.180	Unidentified	0.11
54.386	Selina-4(15),7(11)-diene	0.38
54.602	alpha-Calacorene	0.68
54.990	Unidentified	0.52
55.398	beta-Vetivenene	5.39
55.763	Vetivenene isomer	2.37
55.845	Unidentified	0.47
57.125	3,5,11-Eudesmatriene	0.26
57.292	Unidentified	1.08
57.659	Unidentified	0.17
58.396	Khusimone	0.38
58.594	Unidentified	0.26
58.879	3,5,11-Eudesmatriene isomer	1.40
59.383	Selina-6-en-4-ol	1.06
59.655	Unidentified	0.67

R.Time	Name	Area%
59.781	Unidentified	0.29
59.867	gamma-Eudesmol	0.26
60.095	Unidentified	0.13
60.555	alpha-Funebren-15-al	0.25
60.695	Unidentified	0.16
60.800	Unidentified	0.71
61.107	Unidentified	3.73
61.319	Cyclocopacamphan-12-ol epimer ACyclocopa	1.32
61.500	Cyclocopacamphan-12-ol epimer B	1.05
61.785	Unidentified	0.14
62.054	Unidentified	1.76
62.210	Unidentified	0.36
62.444	2-epi-Ziza-6(13)-en-3-alpha-ol	1.43
62.690	Unidentified	0.22
62.857	Unidentified	0.46
62.978	Zizanal	0.80
63.109	Khusian-2-ol	1.83
63.382	epi-Zizanal	0.56
63.576	Selin-7(11)-en-4-ol	0.38
63.735	2-epi-Ziza-6(13)-en-3-alpha-ol	0.69
63.898	Methyl ziza-6(13)-en-12-oate	0.21
64.057	Unidentified	0.09
64.205	13-nor-Eudesma-4,6-dien-11-one	0.39
64.397	Isovetiselinol	3.05
64.627	Unidentified	0.19
64.815	Unidentified	0.15
64.949	Vetiselinol	1.54
65.463	Unidentified	0.13
65.987	Unidentified	0.50
66.236	Khusimol	9.58
66.775	Unidentified	0.14
66.945	Khusimol isomer	0.23
67.120	Unidentified	0.44
67.270	Unidentified	0.24
67.854	cis-Isovalencenol	0.19
68.130	Unidentified	0.90
68.224	trans-Isovalencenol	2.56
68.470	Unidentified	0.41
68.609	Unidentified	0.29
69.130	Nootkatone	0.53
69.465	Zizanoic acid	5.25
69.617	beta-Vetivone	2.99
70.284	(E)-Isovalencenal	0.65
70.973	alpha-Vetivone	4.10
71.249	Unidentified	0.26
73.340	Unidentified	0.45
73.586	Unidentified	0.14
76.770	Palmitic acid	0.17
		100.00