

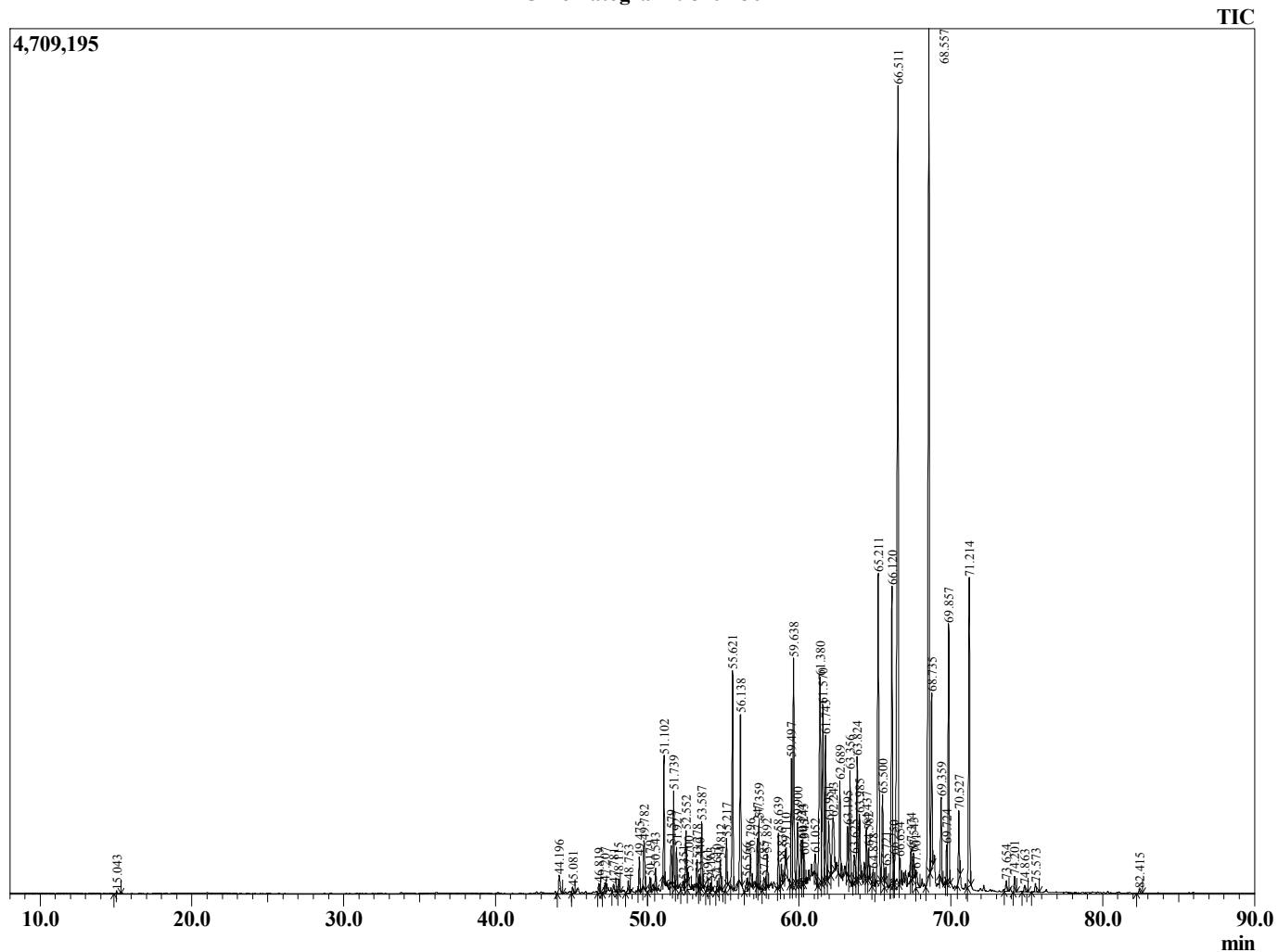
Sample Information

Analyzed by : BH
 Analyzed : 7/23/2023 12:35:39
 Sample Type : AM : Essential Oil
 Sample Name : Vetiver
 Injection Volume : 0.10
 Lot Number : 12674
 Instrument : GC-2

Peak Report TIC

R.Time	Name	Area%
15.043	alpha-Pinene	0.03
44.196	alpha-Ylangene	0.34
45.081	alpha-Funebreene	0.08
46.819	alpha-Chamigrene	0.12
47.207	alpha-Cedrene	0.15
47.781	beta-Cedrene	0.12
48.115	Unidentified	0.17
48.753	6,9-Guaiadiene	0.17
49.475	Prezizaene	0.38
49.782	Khusimene	0.82
50.179	Unidentified	0.19
50.543	Eremophila-1(10),7(11)-dien-12-yl acetate <1	0.21
51.102	alpha-Amorphene	1.44
51.579	delta-Selinene	0.55
51.739	beta-Vetispirene	1.13
51.927	trans-Muurolo-4(14),5-diene	0.51
52.351	Unidentified	0.15
52.552	delta-Amorphene	0.59
52.700	Unidentified	0.32
53.278	Unidentified	0.35
53.440	delta-Cadinene	0.20
53.587	Unidentified	0.79
53.961	Unidentified	0.08
54.163	Unidentified	0.11
54.610	Selina-4(15),7(11)-diene	0.16
54.812	Unidentified	0.39
55.217	Elemol	0.61
55.621	beta-Vetivenene	2.96
56.138	cis-Eudesm-6-en-11-ol	2.27
56.566	13-nor-Eudesm-5-en-11-one	0.23
56.796	Unidentified	0.43
57.247	Unidentified	0.58
57.359	3,5,11-Eudesmatriene	0.84
57.685	Unidentified	0.24
57.892	Unidentified	0.42
58.639	Khusimone	0.66
58.836	Unidentified	0.24
59.110	Unidentified	0.19
59.497	Germacrene D-4-ol	1.68
59.638	Selina-6-en-4-ol	3.21
59.900	Unidentified	1.00
60.134	cis-Eudesm-6-en-11-ol	0.71
60.243	Unidentified	0.60
60.345	Unidentified	0.39
61.052	Unidentified	0.37
61.380	alpha-Cadinol	4.44
61.570	Cyclocopacamphan-12-ol <epimer A>	2.88
61.743	Cyclocopacamphan-12-ol <epimer B>	1.86
61.951	Unidentified	1.07
62.243	Gleenol	1.40
62.689	2-epi-Ziza-6(13)-en-3-alpha-ol	1.18
63.195	Unidentified	0.71
63.356	Khusian-2-ol	1.47
63.625	Unidentified	0.46
63.824	Selin-7(11)-en-4-ol	1.65
63.985	2-epi-Ziza-6(13)-en-3-beta-ol	0.85
64.437	13-nor-Eudesma-4,6-dien-11-one	0.60
64.582	Nootkatol	0.38
64.878	Isovetiselinenol	0.21
65.211	Vetiselinenol	5.57
65.500	Unidentified	1.32
65.721	Unidentified	0.30

Chromatogram 98401-36



This report is provided as a courtesy to our customers for their evaluation only. Any publishing, copying, use, dissemination, or distribution of this report, including online, without the express written permission of Shay and Company is strictly prohibited. To inquire about licensing analytical reporting services, please contact orders@shayandcompany.com.

R.Time	Name	Area%
66.120	Zizanol	4.28
66.250	Unidentified	0.35
66.511	Khusimol	13.62
66.654	Unidentified	0.38
67.374	Unidentified	0.45
67.543	Unidentified	0.35
67.701	Unidentified	0.33
68.557	trans-Isovalencenol	13.71
68.735	Unidentified	2.12
69.359	Unidentified	1.20
69.724	cis-Isovalencenal	0.42
69.857	beta-Vetivone	3.48
70.527	trans-Isovalencenal	0.81
71.214	alpha-Vetivone	4.33
73.654	Unidentified	0.17
74.201	Isovalencenyl formate	0.20
74.863	Unidentified	0.09
75.573	Unidentified	0.14
82.415	Unidentified	0.06
		100.00