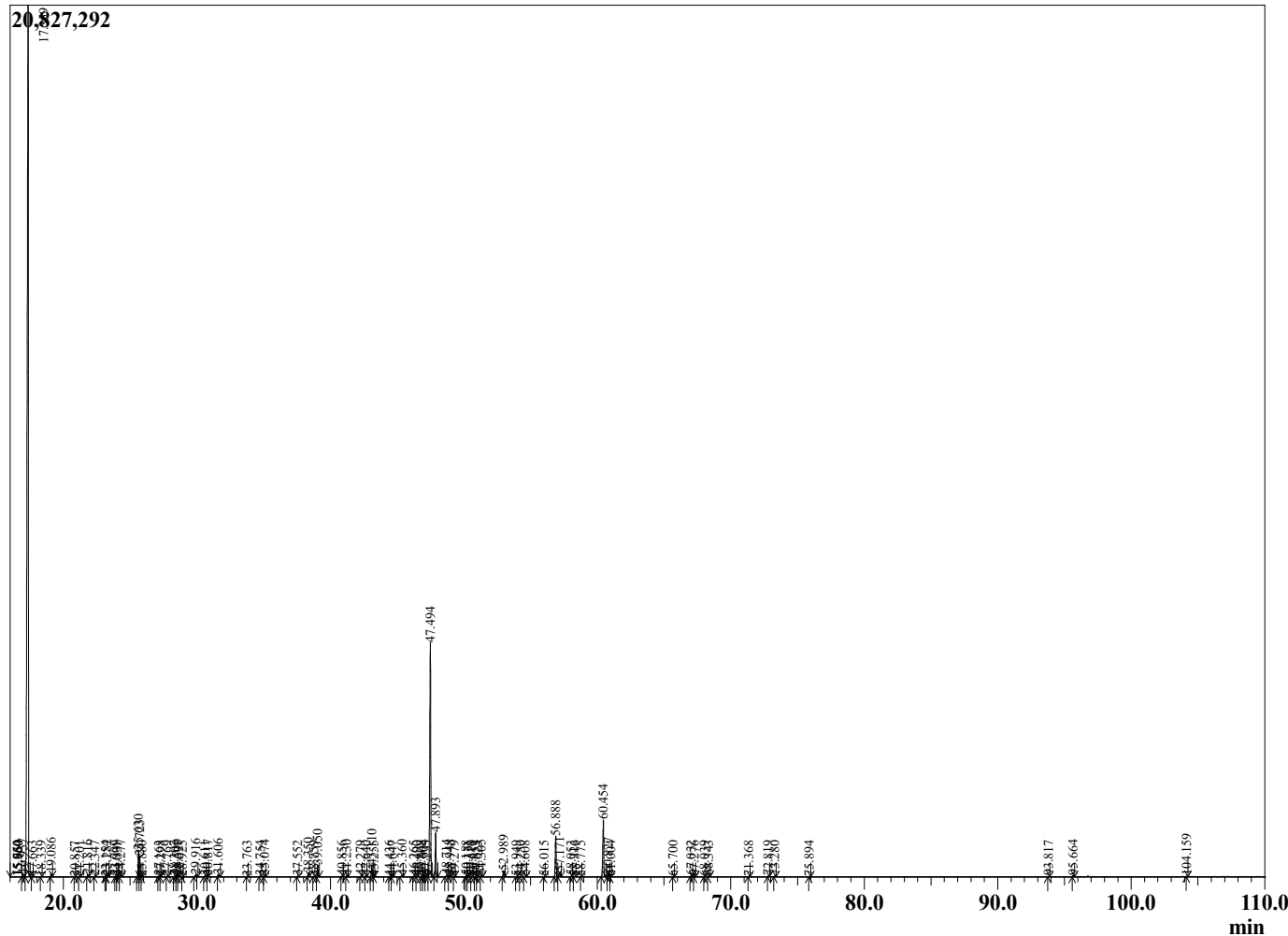


Sample Type : Essential Oil
Sample Name : *Apium graveolens*
Injection Volume : 0.10

Celery Seed
Lot# IDX15-XE
Country: India



Chromatogram *Apium graveolens*



Peak Report TIC		
R.Time	Name	Area%
3.774	3-Methylbutanal	0.01
3.878	2-Methylbutanal	0.01
8.528	2-Methyl octane	0.01
10.030	Nonane	0.01
11.332	alpha-Thujene	0.01
11.723	alpha-Pinene	0.23
13.857	Sabinene	0.10
14.147	beta-Pinene	0.67
14.792	Myrcene	1.23
15.664	Octanal	0.02
15.750	Menthatriene analogue	0.02
15.830	alpha-Phellandrene	0.01
15.960	delta-3-Carene	0.01
16.957	para-Cymene	0.15
17.359	Limonene	67.74
17.663	cis-beta-Ocimene	0.02
18.339	trans-beta-Ocimene	0.01
19.086	gamma-Terpinene	0.16
20.857	Terpinolene	0.01
21.201	para-Cymenene	0.01
21.816	Linalool	0.07
22.347	1-Octen-3-yl-acetate	0.02
23.154	3-Octyl acetate	0.01
23.282	trans-para-Mentha-2,8-dienol	0.07
23.909	Limona ketone	0.03
24.031	cis-Limonene oxide	0.01
24.277	cis-para-Mentha-2,8-dien-1-ol	0.08
25.630	Pentyl benzene	1.31
25.723	6-Butyl-1,4-cycloheptadiene	0.98
25.880	Unidentified	0.01
27.163	Unidentified	0.03
27.298	Terpinen-4-ol	0.01
27.769	trans-Isocarveol	0.03
28.307	alpha-Terpineol	0.03
28.500	cis-Dihydrocarvone	0.09
28.627	Isopiperitenol isomer	0.05
28.925	trans-Dihydrocarvone	0.01
29.916	trans-Carveol	0.15
30.611	cis-para-Mentha-1(7),8-dien-2-ol	0.04
30.817	cis-Carveol	0.06
31.606	Carvone	0.12
33.763	Perillaldehyde	0.01
34.754	Carvacrol	0.05
35.074	trans-Pinocarvyl acetate	0.06
37.552	trans-Carveyl acetate	0.03
38.350	1-Methyl-4-(1-methylethenyl)-cyclohexane-1,	0.19
38.759	Eugenol	0.02
39.050	Valerophenone	0.58
40.856	Unidentified	0.04
41.230	beta-Elementene	0.07
42.279	Unidentified	0.03
42.640	Unidentified	0.03
43.110	trans-beta-Caryophyllene	0.64
43.255	Unidentified	0.01
44.436	Unidentified	0.02
44.647	Unidentified	0.02

R.Time	Name	Area%
45.360	alpha-Humulene	0.08
46.265	4,5-di-epi-Aristolochene	0.04
46.490	Selina-4,11-diene	0.02
46.808	gamma-Curcumene	0.01
47.004	Ar-Curcumene	0.10
47.235	Unidentified	0.05
47.494	beta-Selinene	14.40
47.893	alpha-Selinene	2.40
48.714	Unidentified	0.10
48.948	Unidentified	0.07
49.279	7-epi-alpha-Selinene	0.01
50.188	8-Methyl-oxaspiro[4.5]decan-2-one isomer	0.05
50.331	Selina-4(15),7(11)-diene	0.05
50.610	Selina-3,7(11)-diene	0.03
50.853	Unidentified	0.02
51.025	alpha-Elemol	0.02
51.305	Unidentified	0.08
52.989	Caryophyllene oxide	0.34
53.949	Unidentified	0.01
54.250	Unidentified	0.02
54.608	Humulene epoxide II	0.05
56.015	3-Butyl hexahydrophthalide	0.01
56.888	3-Butyl phthalide	2.26
57.171	beta-Eudesmol	0.32
58.053	Unidentified	0.04
58.316	Unidentified	0.02
58.775	Unidentified	0.01
60.454	Sedanolide	3.41
60.827	3-Isobutylidene phthalide	0.19
61.004	Unidentified	0.01
65.700	Unidentified	0.01
67.032	Neophytadiene	0.05
67.276	Phytone	0.01
68.039	Unidentified	0.01
68.343	Unidentified	0.05
71.368	Unidentified	0.02
72.819	Unidentified	0.03
73.280	Unidentified	0.04
75.894	Unidentified	0.02
93.817	Unidentified	0.02
95.664	Unidentified	0.06
104.159	Unidentified	0.01
		100.00