



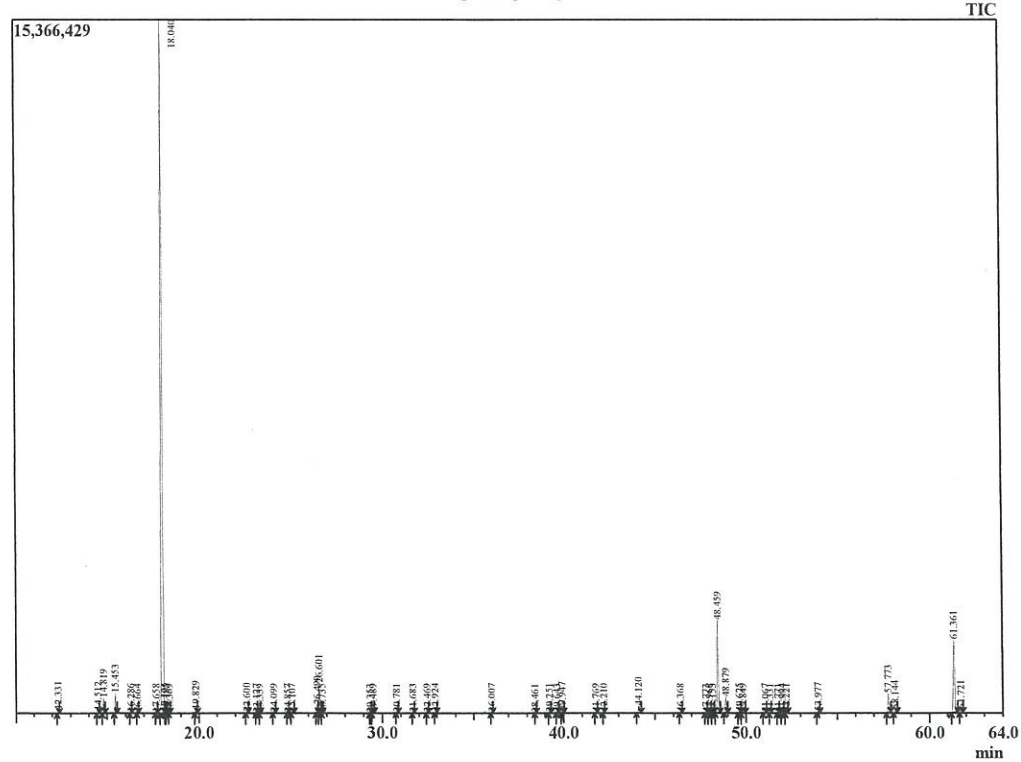
Celery Seed (*Apium graveolens*) Lot# IDX12-XY Country: India

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Sample Information

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

Chromatogram Apium graveolens



R. Time	Name	Area%
12.331	alpha-Pinene	0.20
14.512	Sabinene	0.17
14.819	beta-Pinene	1.01
15.453	Myrcene	1.34
16.286	Octanal	0.05
16.664	delta-3-Carene	0.02
17.658	para-Cymene	0.04
18.040	Limonene	71.12
18.105	beta-Phellandrene	0.05
18.185	1,8-Cineole	0.04
18.369	cis-beta-Ocimene	0.02
19.829	gamma-Terpinene	0.26
22.600	Linalool	0.09
23.127	1-Octen-3-yl acetate	0.02
23.339	Phenethyl alcohol	0.01
24.099	trans-para-Mentha-2,8-dienol	0.06
24.857	cis-Limonene oxide	0.02
25.107	cis-para-Mentha-2,8-dien-1-ol	0.08
26.490	Amyl benzene	0.65
26.601	6-Butyl-1,4-cycloheptadiene	2.42
26.735	Unidentified	0.02
29.353	Dihydro-cis-Carvone	0.02
29.489	cis-Piperitol	0.04
30.781	trans-Carveol	0.05
31.683	cis-Carveol	0.03
32.469	Carvone	0.05
32.924	Geraniol	0.06
36.007	Unidentified	0.07
38.461	Unidentified	0.01
39.251	Unidentified	0.07
39.643	Eugenol	0.03
39.947	Valerophenone	0.16
41.769	Unidentified	0.05
42.210	beta-Elemene	0.05
44.120	beta-Caryophyllene	0.65
46.368	alpha-Humulene	0.06
47.773	gamma-Curcumene	0.03
47.968	Ar-Curcumene	0.05
48.153	Unidentified	0.05
48.459	beta-Selinene	8.75
48.879	alpha-Selinene	1.44
49.625	Unidentified	0.08
49.849	Unidentified	0.07
51.067	Unidentified	0.05
51.331	Unidentified	0.02
51.771	Unidentified	0.03
51.994	Elemol	0.04
52.221	Unidentified	0.07
53.977	Caryophyllene oxide	0.15
57.773	Butylphthalide	1.74
58.144	alpha-Eudesmol	0.35
61.361	Sedanolide	7.65
61.721	3-Isobutylidene phthalide	0.32
		100.00