

SUPPLEMENTARY MATERIALS

Table 1. Phytochemical properties of leaves and stem of celery extracts.

Ethanol fraction of stem			
Peak.	R.time	Compounds	Formula
1	5.359	N-Methyl-N-(toluene-4-sulfonylmethyl)-acetamide	C ₁₁ H ₁₅ NO ₃ S
2	6.283	2-Methoxy-4-vinyl phenol	C ₉ H ₁₀ O ₂
3	7.206	Benzene ethanol, 4-hydroxy-	C ₈ H ₁₀ O ₂
4	8.407	d-Mannitol, 1,4-anhydro-	C ₆ H ₁₂ O ₅
5	9.164	3-Butyl iso-benzofuran-1(3H)-one	C ₁₂ H ₁₄ O ₂
6	10.328	Neophytadiene	C ₂₀ H ₃₈
7	11.215	n-Hexadecanoic acid	C ₁₆ H ₃₀ O ₂
8	12.360	9,12-Octadeca dienoic acid (Z,Z)-	C ₁₈ H ₃₂ O ₂
9	13.413	7H-Furo[3,2-g][1]benzopyran-7-one,4,9-dimethoxy-	C ₁₃ H ₁₀ O ₅
10	14.410	Benzyl beta-d-glucoside	C ₁₃ H ₁₈ O ₆
11	16.128	Hexadecanoic acid, 2-hydroxy-1-(hydroxymethyl) ethyl ester	C ₁₉ H ₃₈ O ₄
12	19.416	9,12-Octadecadienoic acid (Z,Z)-, 2-hydroxy-1-(hydroxymethyl) ethyl ester	C ₂₁ H ₃₈ O ₄
13	29.077	24-Norursa-3,9(11),12-triene	C ₂₉ H ₄₄
14	33.640	(3methyl,24R)-ergost-5-en-3-ol	C ₂₈ H ₄₈ O
n-Hexane fraction of stem			
Peak.	R.time	Compounds	Formula
1	7.872	beta-Selinene	C ₁₅ H ₂₄
2	9.201	3-Butylisobenzofuran-1(3H)-one	C ₁₂ H ₁₄ O ₂
3	10.365	Neophytadiene	C ₂₀ H ₃₈
4	11.307	n-Hexadecanoic acid	C ₁₆ H ₃₂ O ₂
5	14.577	1-Tetracosanol	C ₂₄ H ₅₀ O
6	16.793	Bis(2-ethylhexyl) phthalate	C ₂₄ H ₃₈ O ₄
7	19.453	9,12-Octadecadienoic acid (Z,Z)-, 2-hydroxy-1-(hydroxymethyl) ethyl ester	C ₂₁ H ₃₈ O ₄
8	22.058	1-Octacosanol	C ₂₈ H ₅₈ O
9	28.763	Octacosanol	C ₂₈ H ₅₈ O
10	33.714	Campesterol	C ₂₈ H ₄₈ O
Ethanol fraction of leaves			
Peak.	R.time	Compounds	Formula
1	4.029	2-Pyrrolidinone	C ₄ H ₇ NO
2	6.283	4-Ethylbenzoic acid	C ₉ H ₁₀ O ₂
3	7.871	beta-Selinene	C ₁₅ H ₂₄
4	9.164	3-Butylisobenzofuran-1(3H)-one	C ₁₂ H ₁₄ O ₂
5	10.347	Neophytadiene	C ₂₀ H ₃₈
6	11.141	n-Hexadecanoic acid	C ₁₆ H ₃₂ O ₂
7	12.175	Phytol	C ₂₀ H ₄₀ O
8	13.395	7H-Furo[3,2-g][1] benzopyran-7-one, 4,9-dimethoxy-	C ₁₃ H ₁₀ O ₅
9	14.355	Benzyl beta-d-glucoside	C ₁₃ H ₁₈ O ₆
10	16.091	Hexadecanoic acid, 2-hydroxy-1-(hydroxymethyl) ethyl ester	C ₁₉ H ₃₈ O ₄
11	31.626	dl-.alpha.-Tocopherol	C ₂₉ H ₅₀ O ₂
n-Hexane fraction of leaves			
Peak.	R.time	Compounds	Formula
1	7.853	beta-Selinene	C ₁₅ H ₂₄

2	9.164	3-Butylisobenzofuran-1(3H)-one	C ₁₂ H ₁₄ O ₂
3	10.347	Neophytadiene	C ₂₀ H ₃₈
4	11.178	Hexadecanoic acid	C ₁₆ H ₃₂ O ₂
5	12.175	Phytol	C ₂₀ H ₄₀ O
6	13.394	Isopimpinellin	C ₁₃ H ₁₀ O ₅
7	14.558	1-Tetracosanol	C ₂₄ H ₅₀ O
8	16.756	Bis(2-ethylhexyl) phthalate	C ₂₄ H ₃₈ O ₄
9	31.626	Alpha-tocopherol	C ₂₉ H ₅₀ O ₂
