

Table S1. Total 17 compounds of green garlic volatile compounds of cutting segments (in sealed desiccator)

Compound Name	RT (min)	Area%	Molecular Formula	Molecular Weight
Hexamethyl cyclotrisiloxane	5.18	0.43	C ₆ H ₁₈ O ₃ Si ₃	222
Diallyl sulfide	6.36	0.35	C ₆ H ₁₀ S	114
Methyl propenyl disulfide	7.87	1.53	C ₄ H ₈ S ₂	120
2,6-Dimethyl-undecane	8.30	0.46	C ₁₃ H ₂₈	184
3-Ethyl-2-methyl-heptane	8.46	1.77	C ₁₀ H ₂₂	142
Octamethyl cyclotetrasiloxane	9.69	0.45	C ₉ H ₂₈ O ₃ Si ₄	296
6-Methyl-octadecane	10.16	0.67	C ₁₀ H ₂₃ NO	173
4-Methyl-decane	10.73	1.17	C ₁₁ H ₂₄	156
1-Ethyl-2,2,6-trimethyl cyclohexane	11.33	0.44	C ₁₁ H ₂₂	154
2-Hexyl-1-octanol	12.80	0.75	C ₁₄ H ₃₀ O	214
2-Methyl-trans-decalin	13.19	0.47	C ₁₁ H ₂₀	152
p-Menthane-1,2,3-triol	13.22	0.33	C ₁₀ H ₂₀ O ₃	188
6-Methyl-octadecane	13.47	0.34	C ₂₃ H ₄₄ O ₃	368
1,1-bis(dodecyloxy)-Hexadecane	14.87	1.57	C ₄₀ H ₈₂ O ₂	594
2,6-Dimethyl-undecane	15.64	0.97	C ₁₃ H ₂₈	184
2-Butyl-1,1,3-trimethyl-cyclohexane	15.84	1.32	C ₁₃ H ₂₆	182
3,7,11-Trimethyl-1-dodecanol	17.16	0.64	C ₁₅ H ₃₂ O	228