

Table S1. Standards used for all the analysis

Class	Compound	CAS n°	Chemical formula	Furnisher
Acids				
	3-methylbutanoic acid	503-74-2	C ₅ H ₁₀ O ₂	Sigma
	Acetic acid	64-19-7	C ₂ H ₄ O ₂	Sigma
	Butanoic acid	107-92-6	C ₄ H ₈ O ₂	Sigma
	Formic acid	64-18-6	CH ₂ O ₂	Fluka
	Heptanoic acid	111-14-8	C ₇ H ₁₄ O ₂	Sigma
	Hexanoic acid	142-62-1	C ₆ H ₁₂ O ₂	Fluka
	Nonanoic acid	112-05-0	C ₉ H ₁₈ O ₂	Aldrich
	Octanoic acid	124-07-2	C ₈ H ₁₆ O ₂	Aldrich
	Pentanoic acid	109-52-4	C ₅ H ₁₀ O ₂	Aldrich
	Propionic acid	79-09-4	C ₃ H ₆ O ₂	Aldrich
	Sorbic acid	110-44-1	C ₆ H ₈ O ₂	Sigma
Alcohols				
	1-hexanol	111-27-3	C ₆ H ₁₄ O	Aldrich
	1-nonanol	143-08-8	C ₉ H ₂₀ O	Aldrich
	1-octanol	111-87-5	C ₈ H ₁₈ O	Aldrich
	(E)2-hexen-1-ol	928-95-0	C ₆ H ₁₂ O	Sigma
	(Z)3-hexen-1-ol	928-96-1	C ₆ H ₁₂ O	Sigma
	3-methyl-1-butanol	123-51-3	C ₅ H ₁₂ O	Sigma
	Benzene methanol	100-51-6	C ₇ H ₈ O	Fluka
	Ethanol	64-17-5	C ₂ H ₆ O	Sigma
	Menthol	2216-51-5	C ₁₀ H ₂₀ O	Sigma
	Phenylethyl alcohol	60-12-8	C ₈ H ₁₀ O	Aldrich
Aldehydes				
	(E)1,2-pentenal	1576-87-0	C ₅ H ₈ O	Sigma
	2,4-hexadienal	80466-34-8	C ₆ H ₈ O	Sigma
	(E)2-hexenal	6728-26-3	C ₆ H ₁₀ O	Aldrich
	2-methyl-butanal	96-17-3	C ₅ H ₁₀ O	Fluka
	Benzaldehyde	100-52-7	C ₇ H ₆ O	Fluka
	(Z)3-hexenal	6789-80-6	C ₆ H ₁₀ O	Fluka
	Hexanal	66-25-1	C ₆ H ₁₂ O	Sigma
	Nonanal	124-19-6	C ₉ H ₁₈ O	Sigma
	Octanal	124-13-0	C ₈ H ₁₆ O	Sigma
	Pentanal	110-62-3	C ₅ H ₁₀ O	Sigma
Ketones				
	1-penten-3-one	1629-58-9	C ₅ H ₈ O	Sigma
	3-pentanone	96-22-0	C ₅ H ₁₀ O	Sigma
	4-methyl-2-pentanone	108-10-1	C ₆ H ₁₂ O	Sigma
Esters				
	(E)2-hexen-1-ol acetate	2497-18-9	C ₈ H ₁₄ O ₂	Aldrich
	(Z)3-hexen-1-ol acetate	3681-82-1	C ₈ H ₁₄ O ₂	Aldrich
	Ethyl acetate	141-78-6	C ₄ H ₈ O ₂	Sigma
	Ethyl benzene	93-89-0	C ₉ H ₁₀ O ₂	Sigma

Hexyl acetate	142-92-7	C ₈ H ₁₆ O ₂	Sigma
<i>Phenols</i>			
2-methoxy phenol	90-05-1	C ₇ H ₈ O ₂	Sigma
OH-tyrosol	10597-60-1	C ₈ H ₁₀ O ₃	Sigma
Tyrosol	501-94-0	C ₈ H ₁₀ O ₂	Sigma
Vanillin	121-33-5	C ₈ H ₈ O ₃	Sigma
p-coumaric acid	501-98-4	C ₉ H ₈ O ₃	Sigma
Oleuropein	32619-42-4	C ₂₅ H ₃₂ O ₁₃	Sigma
Pinoresinol	487-36-5	C ₂₀ H ₂₂ O ₆	Sigma
Vanillic acid	121-34-6	C ₈ H ₈ O ₄	Sigma
Phenol	108-95-2	C ₆ H ₆ O	Sigma
<i>Hydrocarbons</i>			
β-ocimene	13877-91-3	C ₁₀ H ₁₆	Sigma
Copaene	3856-25-5	C ₁₅ H ₂₄	Sigma
Limonene	138-86-3	C ₁₀ H ₁₆	Sigma
Octane	111-65-9	C ₈ H ₁₈	Sigma
Valencene	4630-07-3	C ₁₅ H ₂₄	Aldrich