Supplementary information

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Figure S1: GC- Chromatogram for the standard mixture of compounds

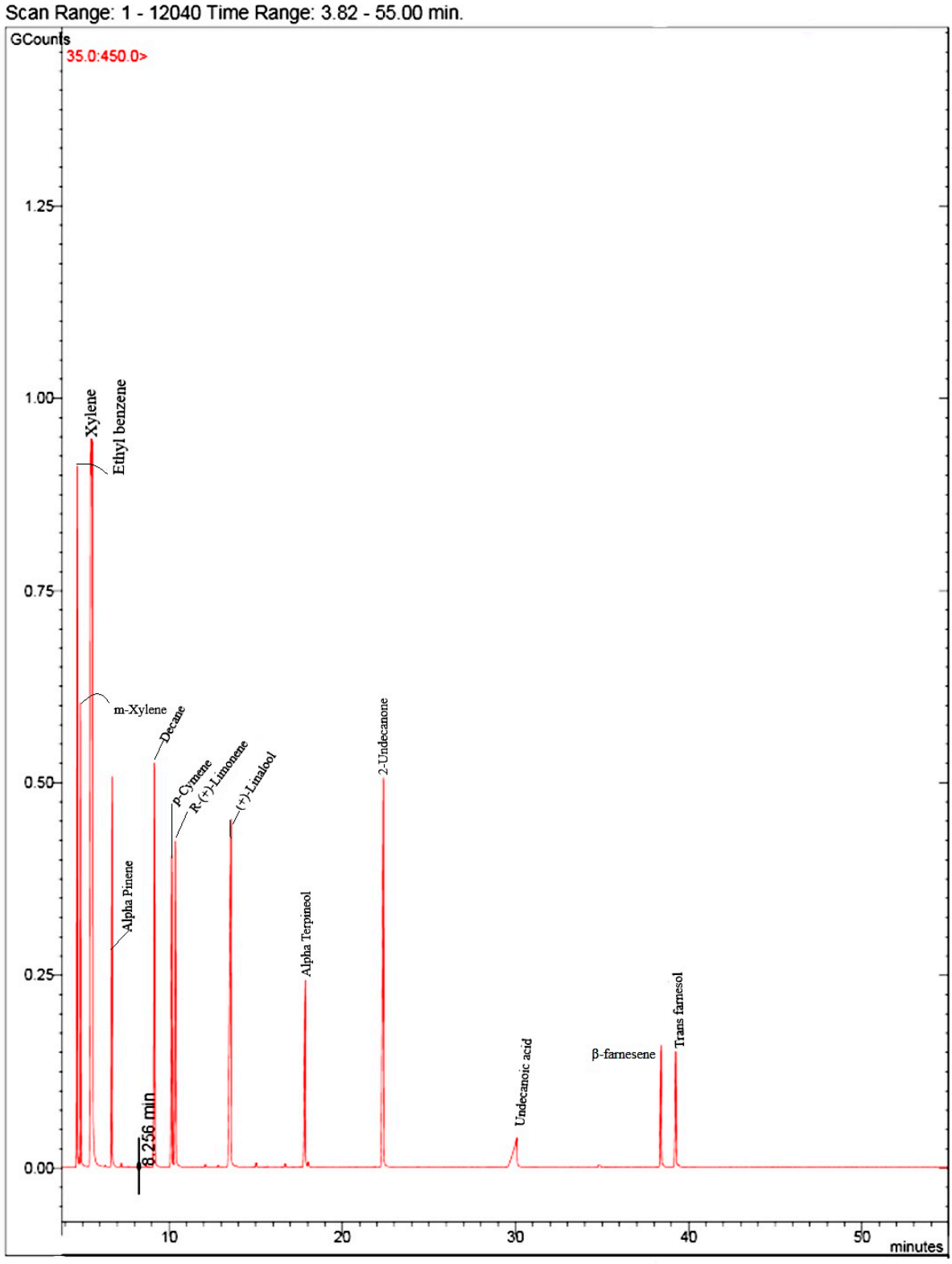

Table S1: Loading score of extracted principal components

	Principal Component							
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Ethylbenzene(EB)	.893	.277						
o-Xylene(oX)	.889	.348						
p-Xylene(pX)		.923						
m-Xylene(mX)	.974							
D-(+)-Alpha-pinene(αP)	.720	.554						
D-limonene(Dl)						.932		
Ethanol, 2-butoxy-(E2B)	.430	.537				.248	.282	
Linalool(Linl)	.917							
Isocaryophyllene(Icrpn)			.791					
5,9-undecadien-2-one,6,10-dimethyl (UD)			.368	.632		.446		.252
(E)-Nerolidol(EN)							.233	
β-Farnesene(βF)				.311				
(-)-Spathulenol(SP)	.418	.267		.357		.509	.246	
Cis-p-metha-1(7)-8-dien-2-ol(zMD)					.961			
1,4-dihydroxy-p-menth-2-ene (Dm)	.431		.470	.440				
(E,E)-Cosmene (Do)			.823					
3-cyclohexen-1-carboxaldehyde,3,4-dimethyl(ccd)		.754		.561				
Hexadecane(Hxd)	.938							
Isoaromadendrene epoxide(Isamdn)			.307		.811			
β- Springene(βS)				.851				
Farnesol(Fnso)	.518	.602			.344		.229	
α-Springene(αSp)	.248	.230			.239		.291	.635
Farnesol(E)-methylether(FnsoEm)								

Table S2: Pearson correlation table of major components

Pearson Correlations

		EB	OX	pX	mX	βF	βS	Fnso	αSp	FnsoEm
EB	Pearson Correlation	1	.974**	.251	.946**	-.215	-.053	.503*	.268	.060
	Sig. (1-tailed)		.000	.150	.000	.189	.415	.014	.134	.404
	N	19	19	19	19	19	19	19	19	19
OX	Pearson Correlation	.974**	1	.305	.925**	-.248	-.089	.587**	.322	.016
	Sig. (1-tailed)	.000		.102	.000	.153	.358	.004	.089	.474
	N	19	19	19	19	19	19	19	19	19
pX	Pearson Correlation	.251	.305	1	.009	-.107	-.224	.611**	.347	-.197
	Sig. (1-tailed)	.150	.102		.486	.331	.178	.003	.073	.210
	N	19	19	19	19	19	19	19	19	19
mX	Pearson Correlation	.946**	.925**	.009	1	-.247	-.110	.431*	.221	.070
	Sig. (1-tailed)	.000	.000	.486		.154	.327	.033	.181	.389

	N	19	19	19	19	19	19	19	19	19
βF	Pearson Correlation	-.215	-.248	-.107	-.247	1	.253	-.217	.078	-.072
	Sig. (1-tailed)	.189	.153	.331	.154		.148	.186	.375	.384
	N	19	19	19	19	19	19	19	19	19
βS	Pearson Correlation	-.053	-.089	-.224	-.110	.253	1	-.246	-.104	-.123
	Sig. (1-tailed)	.415	.358	.178	.327	.148		.155	.336	.307
	N	19	19	19	19	19	19	19	19	19
Fnso	Pearson Correlation	.503*	.587**	.611**	.431*	-.217	-.246	1	.403*	-.249
	Sig. (1-tailed)	.014	.004	.003	.033	.186	.155		.043	.152
	N	19	19	19	19	19	19	19	19	19
αSp	Pearson Correlation	.268	.322	.347	.221	.078	-.104	.403*	1	-.143
	Sig. (1-tailed)	.134	.089	.073	.181	.375	.336	.043		.280
	N	19	19	19	19	19	19	19	19	19
FnsoEm	Pearson Correlation	.060	.016	-.197	.070	-.072	-.123	-.249	-.143	1
	Sig. (1-tailed)	.404	.474	.210	.389	.384	.307	.152	.280	
	N	19	19	19	19	19	19	19	19	19

**. Correlation is significant at the 0.01 level (1-tailed).

*. Correlation is significant at the 0.05 level (1-tailed).