

Supporting information

Table S1. General linear model results .

		Dip loss	Dry matter	TVC	LAB	STAA	VRBGA
Material (tray)	M	2.54	8.78	0.67	2.72	3.33	0.77
Packaging Gas	G	0.57	0.31	0.14	0.30	6.21	15.10
storage time	T	40.49	12.32	85.44	80.44	69.76	75.40
	MxG	7.09	2.20	4.25	6.39	0.73	1.94
	MxT	2.17	9.64	4.03	3.21	5.04	2.33
	GxT	2.18	1.50	0.09	0.06	0.28	1.99
	Error	44.96	65.26	5.37	6.88	14.65	2.46
	R-sq(adj)	42.07%	15.59%	93.05%	91.00%	80.83%	96.81%

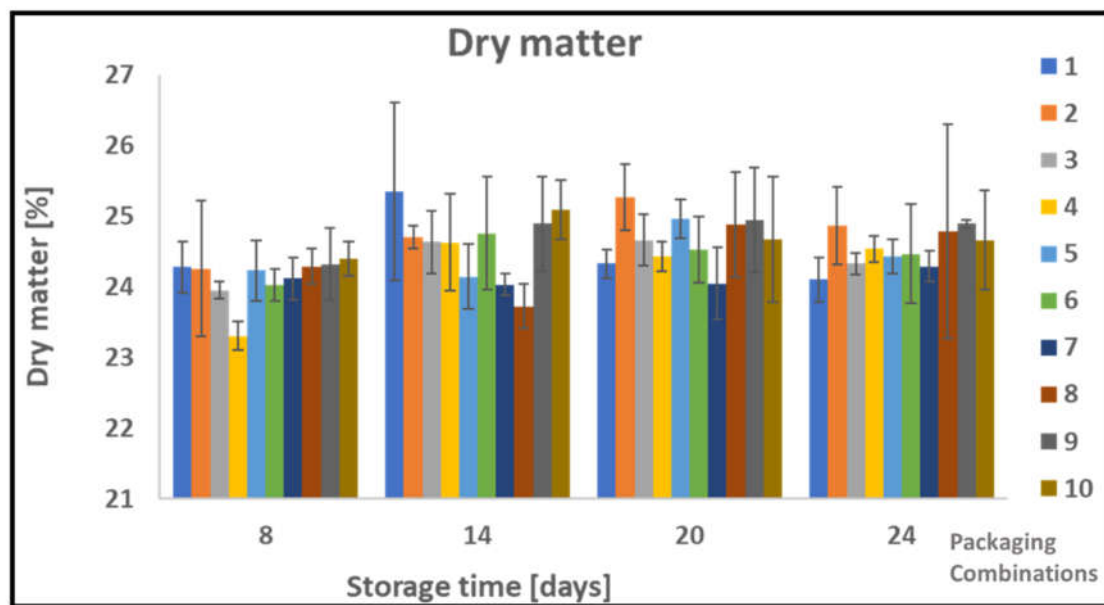


Figure S1: Dry matter of chicken samples as a function of storage time for different packaging combinations.

Table S2: Average values and p-values for each sensory attribute – appearance and texture

Samples from Packaging combinations	Colour hue	Colour intensity	Whiteness	Colour evenness	Glossiness	Dried performance (appearance)	Dried performance (texture)	Firmness
1.	6.18 AB	4.54 AB	5.36 A	5.56 A	6.21 AB	1.03 A	1.01 A	5.94 A
2.	5.90 ABC	4.26 AB	5.52 A	6.08 A	5.39 BC	1.13 A	1.09 A	6.20 A
3.	4.47 D	4.57 AB	5.19 A	4.84 A	6.25 A	1.16 A	1.22 A	5.26 A
4.	4.49 D	4.86 A	4.98 A	4.77 A	5.50 ABC	1.15 A	1.33 A	5.81 A
5.	6.02 ABC	3.99 B	5.69 A	5.88 A	6.32 A	1.11 A	1.06 A	5.76 A
6.	5.89 ABC	4.29 AB	5.53 A	5.42 A	5.25 C	1.08 A	1.01 A	5.66 A
7.	5.10 CD	4.37 AB	5.39 A	5.22 A	5.92 ABC	1.32 A	1.16 A	5.56 A
8.	5.27 BCD	4.48 AB	5.32 A	5.54 A	5.64 ABC	1.14 A	1.17 A	5.89 A
9.	5.66 ABC	4.44 AB	5.30 A	6.06 A	5.82 ABC	1.01 A	1.00 A	5.71 A
10.	6.37 A	4.71 AB	5.06 A	5.80 A	5.65 ABC	1.03 A	1.01 A	5.36 A
P- value	<0.001	0.026	0.054	0.099	<0.001	0.187	0.128	0.311

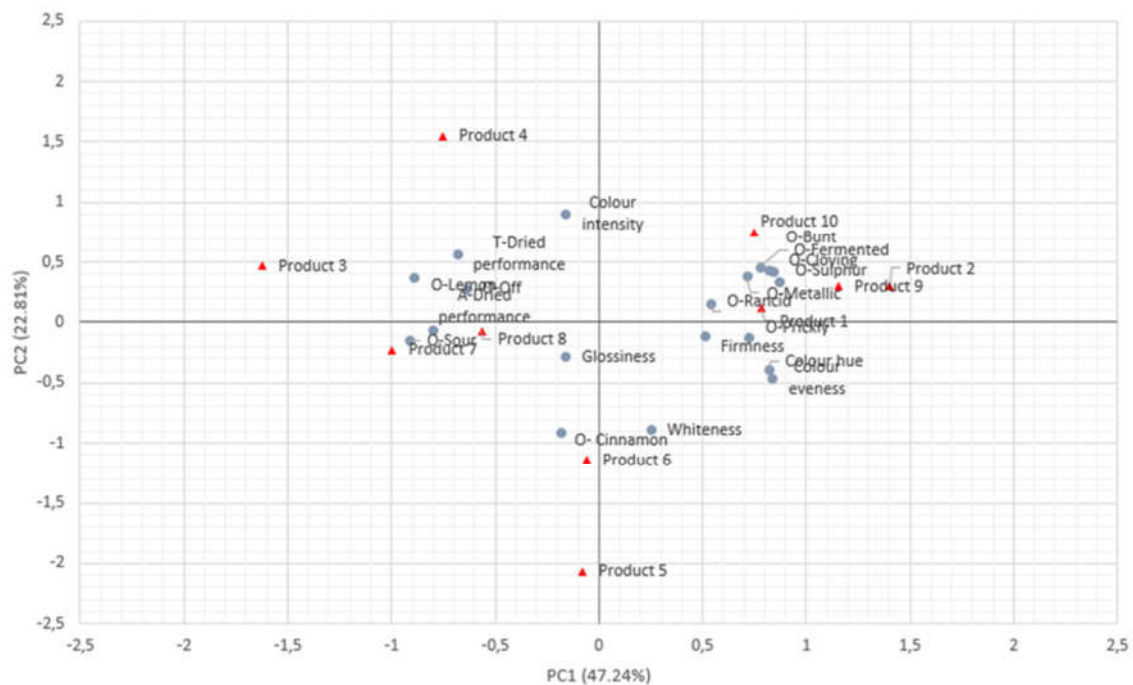


Figure S2: Bi-plot over samples and attributes - all attributes, O=Odour, T=Texture

3-Buten-2-ol, 2-methyl-				500.321	271.69	147.832		
Camphene							526.35	465.262
.beta.-Pinene							330.44	286.573
(+)-3-Carene							88.695	67.6191
.alpha.-Phellandrene							757.35	538.148
.beta.-Myrcene							89.427	54.3758
1,3-Cyclohexadiene, 1-methyl-4-(1-methylethyl)- / (+)-2-Carene							123.82	83.0169
Cyclopentanone	63.486	45.3996	37.7423	52.786	30.736	21.10014	46.679	33.266
2,3-Dehydro-1,8-cineole				9.06971	6.5041	4.657915		
D-Limonene				25.5858	12.691	8.437234	247.37	168.612
Eucalyptol							110.66	97.8995
.beta.-Phellandrene							340.48	242.038
2-Butenal, 3-methyl-				14.2721	6.8797	4.476313		
2,6-Dimethyl-1,3,5,7-octatetraene, E,E-				6.35335	3.5019	3.399091		
Cyclobutene, bis(1-methylethylidene)-				9.88807				
Butyl 2-methylbutanoate				5.28733	3.4716		2.2701	
(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene							4.1279	2.38331
.gamma.-Terpinene							27.828	18.7284
1,3,8-p-Menthatriene / Benzene, 1,4-diethyl- / Bicyclo[3.2.1]oct-2-ene, 3-methyl-4-methylene-				16.7257	8.4728	7.173192		
.beta.-Ocimene							13.849	7.85726
Styrene	33.447	21.9914	17.5376	20.8834	10.538	7.376571	30.224	18.6788
o-Cymene				13.5942	6.7302	5.111848	606.76	427.025
3-Carene							7.5209	5.42402
(+)-4-Carene							50.64	34.6676
5-Hepten-2-one, 6-methyl-				10.2336	10.682	10.88084		
1,3,8-p-Menthatriene				2.29497		1.816453		
Nonanal							2.1878	2.34205
Phenol, m-tert-butyl-				2.86543	1.5902			
Benzene, (2-methyl-1-propenyl)-o-Isopropenyltoluene				11.3336		3.139442		
Benzene, 1-methyl-4-(1-methylethen yl)-				9.12544	4.545	4.29712	11.281	8.10744
Acetic acid	1.808	1.5571		18.0568	8.2228	4.513972	4.0845	2.85738
Ethyl 2-(5-methyl-5-vinyltetrahydrofuran-2-yl)propan-2-yl carbonate							4.0659	3.50296
.alfa.-Copaene				13.1847	7.6344	6.900076	94.028	94.5096
3-Nonen-5-yne, 4-ethyl-, (Z)-								
Formic acid				3.35547				

(+)-2-Bornanone							2.758	1.94493
Benzaldehyde	1.3892		1.2501	3.19762	1.5245	1.862566	29.016	20.3228
1,6-Octadien-3-ol, 3,7-dimethyl-				11.5246	1.97	2.706934	156.7	132.921
Dimethyl Sulfoxide								
Pinocarvone				2.20061				
Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-							2.7452	2.25969
Pulegone				15.5021		7.376213		
1H-Pyrrole, 2-ethyl-4-methyl-					8.4928			
Cyclohexane, 1-ethenyl-1-methyl-2, 4-bis(1-methylethenyl)-, [1S-(1.alpha.,2.beta.,4.beta.)]-				8.25169	5.0409	4.689639		
Caryophyllene				28.7309	19.528	17.65576	188.55	195.162
Terpinen-4-ol							9.4855	8.59715
Alloaromadendrene				2.85523	1.7952	1.852218	4.6324	5.55091
Acetophenone				3.71816	2.091	1.356646	2.1881	1.74342
Humulene				4.78048	2.3705	2.184016	19.959	20.2854
tr,Citral				496.041	365.79	294.3516	1.5711	1.57797
2-Carene				7.88446	5.4738	4.249186	10.441	9.44769
endo-Borneol							2.6924	2.59979
cis,Citral				530.057	372.53	302.7714	2.866	2.41159
2-Butenal, 3-methyl-				9.60867	6.3719	6.604993		
Furan, 2,3-dihydro-4-methyl-					7.4404			
2-Oxo-6-(piperidine-1-sulfonyl)-benzoxazole-3-carboxylic acid 2-chloro-ethyl ester					5.7928			
Naphthalene, 1,2,3,5,6,8a-hexahydro-4,7-dimethyl-1-(1-methylethyl)-,(1S-cis)-							2.0176	1.94366
Safrole							15.964	11.5252
Butylated Hydroxytoluene								
Hexane, 1-(1-methoxyethoxy)-				1.64373				
Epoxy-linalooloxide								
Phenol				1.47307		1.237241	1.397	1.06314
Cinnamaldehyde, (E)-							5.5097	3.8318
1,3-Cyclohexadiene-1-carboxaldehyde, 2,6,6-trimethyl-				2.80461	1.4412	1.37144		
Eugenol / 3-Allyl-6-methoxyphenol				2.95068	2.2234	2.252182	135.14	118.08
Benzoic acid							1.5823	

	5-T-14 (×10 ⁶)	7-T-0 (×10 ⁶)	7-T-8 (×10 ⁶)	7-T-14 (×10 ⁶)	9-T-0 (×10 ⁶)	9-T-8 (×10 ⁶)	9-T-14 (×10 ⁶)	
1-Propene, 2-methyl-	0.5994							
n-Hexane	0.7328			0.70061	1.0707			
2-Butene, 2-methyl-		0.9083		0.45004				
1,3-Butadiene, 2-methyl-		15.0587	8.10977	7.55893				
Hexane, 3-methyl-	1.0974	6.84972	8.30277	7.51163				
Pentane, 3-ethyl-		1.1643	1.36268	1.10837				
Heptane		2.08339	1.37878					
Cyclopentane, 1,3-dimethyl-		2.0843	2.10949	1.71695				
Cyclopentane, 1,2-dimethyl-		5.46859	5.66471	4.54719				
Cyclohexane, methyl-		10.5381	11.849	10.2426				
Octane		0.90044						
Propanal, 2-methyl-		2.34676	1.57397	1.37138				
Acetone	1.3557	36.6053	33.0998	30.7191				
3-(2-Cyclopenten-1-yl)propanal								
Tetrahydrofuran	43.31	196.479	152.069	107.248				
3-Nonene, (E)-								
2-Butenal		6.69452	4.55904	3.66366				
1-Tridecyne								
Furan, 3-methyl-		4.32927	1.03957					
(3,3-Dimethyloxiranyl)methanol / Acetamide		3.11794						
Benzene					3.1704			
Heptane, 2,2,4,6,6-pentamethyl-	4.2955	4.77518	4.02634	3.59421				
Methyl vinyl ketone		14.1414						
1,3,5-Hexatriene, 3-methyl-, (Z)-			8.04152	7.22648				
Cyclohexene,3-propyl-		9.51574	5.9601	5.11465				
Ethanone, 1-(2-methyl-2-cyclopente n-1-yl)-		3.56827	2.56821					
1,5-Heptadiene, 2,6-dimethyl-		5.23009						
Tricyclo[2.2.1.0(2,6)]heptane, 1,7 ,7-trimethyl-	8.1514	9.19344	7.19135	7.24911				
(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	1037.8	1134.21	934.761	745.473				
Bicyclo[3.1.0]hex-2-ene, 2-methyl-5-(1-methylethyl)-	41.37	47.2464	32.5049	23.4992				
Toluene	5.5206	15.2062	8.41422	6.05595	4.3242	3.652667		
Bicyclo[2.2.1]heptane, 7,7-dimethyl-2-methylene-	13.435							
3-Buten-2-ol, 2-methyl-		280.489	182.961	122.091				

Camphene	361.8	369.877	305.686	248.114				
.beta.-Pinene	220.92	210.152	173.557	136.81				
(+)-3-Carene	47.341	50.7221	35.6877	26.6148				
.alpha.-Phellandrene	366.68	366.872	241.327	172.022				
.beta.-Myrcene	33.307	45.9326	25.8526	16.5277				
1,3-Cyclohexadiene, 1-methyl-4-(1-methylethyl)- / (+)-2-Carene	55.11	51.9364	31.7716	22.5915				
Cyclopentanone	22.214	49.7009	34.4203	25.0863				
2,3-Dehydro-1,8-cineole		4.09073						
D-Limonene	111.47	145.899	93.2055	67.0071				
Eucalyptol	75.46	63.7989	53.5102	43.7183				
.beta.-Phellandrene	168.83	163.938	110.919	81.7948				
2,6-Dimethyl-1,3,5,7-octatetraene, E,E-		19.6047	11.8214	9.77574				
.gamma.-Terpinene	12.537	13.2068	8.42322	6.21699				
1,3,8-p-Menthatriene / Benzene, 1,4-diethyl- / Bicyclo[3.2.1]oct-2-ene, 3-methyl-4-methylene-		25.1339	15.0327	12.6335				
.beta.-Ocimene	4.8719	6.79815	3.51441	2.42482				
Styrene	12.239	25.7554	15.2297	10.8953				
o-Cymene	293.53	354.88	227.841	169.333				
3-Carene	3.6404	3.68231						
(+)-4-Carene	23.157	25.1675	15.4655	11.1176				
5-Hepten-2-one, 6-methyl-		3.75639	3.0416	2.8956				
1,3,8-p-Menthatriene		3.42083	2.74011	2.11024				
Nonanal	2.3325							
Phenol, m-tert-butyl-		1.82435						
Benzene, 1-methyl-4-(1-methylethen yl)-	5.1026	16.5722	9.50141	8.33267				
Acetic acid	2.2005	6.62766	3.45122	2.53464	2.1833	1.588247	1.3903	
Ethyl 2-(5-methyl-5-vinyltetrahydrofuran-2-yl)propan-2-yl carbonate	2.6557	3.05287	2.49029	1.7538				
.alfa.-Copaene	75.546	55.2674	49.3667	43.6397				
Formic acid		2.46349						
(+)-2-Bornanone	1.8743							
Benzaldehyde	15.462	17.3362	11.8064	9.53553	1.3532	1.334138	1.2028	
1,6-Octadien-3-ol, 3,7-dimethyl-	97.842	85.6894	68.1327	52.5424				
Pinocarvone		1.1269						

Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8- methylene-				7.29648					
Pulegone		11.0556	8.97407						
Cyclohexane, 1-ethenyl-1- methyl-2, 4-bis(1- methylethenyl)-, [1S-(1.alpha. pha.,2.beta.,4.beta.)]-		4.37808	3.92976	3.34354					
Caryophyllene	159.45	114.004	110.071	100.468					
Terpinen-4-ol	6.3006	5.26084	4.32369	3.53005					
Alloaromadendrene	4.8371	4.50647	4.06686	3.4355					
Acetophenone	1.8827	1.45103	1.26986	1.21628	1.1856				
Humulene	15.762	9.51203	8.92919	9.67264					
tr. Citral	0.9708	332.905	267.301	207.181					
2-Carene	6.6037	9.45166	7.81967	6.37981					
endo-Borneol	1.9193	2.53378	2.17321	2.46698					
cis, Citral	1.8513	368.949	288.097	223.196					
2-Butenal, 3-methyl-		5.20555							
Naphthalene, 1,2,3,5,6,8a- hexahydro-4,7-dimethyl-1-(1- methylethyl)-,(1S-cis)-	1.8963								
Safrole	8.2081	8.23225	5.46296	4.32224					
Butylated Hydroxytoluene					1.3492	1.463919	1.28		
Phenol	1.2602	1.96358	1.58642	1.36696					
Cinnamaldehyde, (E)-	2.8429	2.98858	2.049	1.53936					
1,3-Cyclohexadiene-1- carboxaldehyde, 2,6,6- trimethyl-		2.19312	1.52085	1.2719					
Eugenol / 3-Allyl-6- methoxyphenol	90.858	68.5104	56.8758	45.503					
Benzoic acid		2.04274							

Table S4: Detected major volatile compounds in the packaging with chicken samples and their relative concentrations (area of the chromatographic peak) at the 8th and 14th day of storage. Results are averaged from three parallel samples.

	1-T-8 (×10 ⁶)	1-T-14 (×10 ⁶)	2-T-8 (×10 ⁶)	2-T-14 (×10 ⁶)	3-T-8 (×10 ⁶)	3-T-14 (×10 ⁶)	4-T-8 (×10 ⁶)	4-T-14 (×10 ⁶)	5-T-8 (×10 ⁶)	5-T-14 (×10 ⁶)
1-Propene, 2-methyl-					3.307	3.0671	3.128	3.1855	0.453	
Pentane	0.97916	1.3506		0.71028	1.151	1.4352		0.5776		0.543
n-Hexane		0.8485		0.80631			1.54	2.3882		0.643

2-Butene, 2-methyl-					2.159	2.2904	1.376	1.9758		
1,3-Butadiene, 2-methyl-					1.932	1.6139	1.219	1.2509		
Pentane, 2,2,4-trimethyl-								2.1276		
Hexane, 3-methyl-					2.204	2.519	1.439	1.8531	0.976	1.075
Heptane					1.058	1.1444	0.811			
Carbon disulfide	2.31494	1.6086	2.6609	1.53498	1.664	1.0302	2.477	1.8849	1.826	1.421
Dimethyl sulfide	4.8014	16.951	7.1598		4.49	3.9051	6.623		11.26	5.049
Octane					1.461	1.1079	1.23			
Acetone	8.02099	7.1833	7.6172	6.95285	16.6	19.138	14.84	17.792	6.651	6.167
3-(2-Cyclopenten-1-yl)propanal					1.868	1.7861				
Tetrahydrofuran	9.204	6.5329	4.0977	4.62634	6.258	6.008	5.045	4.9107	5.126	4.117
Cyclopentane, 2-ethyl-1,1-dimethyl					5.899	6.1305	5.038	4.498		
3-Nonene, (E)-							5.6			
1-Tridecyne					5.477	5.0542	4.383	3.6994		
Furan, 3-methyl-					2.903	2.5623	2.964	2.5807		
Isopropyl Alcohol						4.5507		4.5903		
Ethanol						1.6441		2.2963		
Benzene							3.333			
Cyclohexene,3-propyl-					10.31	9.4209	10.01	7.0748		
Ethanone, 1-(2-methyl-2-cyclopente n-1-yl)-					3.823	4.279	3.55	3.2539		
1,5-Heptadiene, 2,6-dimethyl-					4.129	3.7736	4.315	4.1098		
Tricyclo[2.2.1.0(2,6)]heptane, 1,7,7-trimethyl-									4.068	
(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene									564.4	500.5
Bicyclo[3.1.0]hex-2-ene, 2-methyl-5-(1-methylethyl)-									25.3	19.08
Toluene									5.756	4.248
Bicyclo[2.2.1]heptane, 7,7-dimethyl-2-methylene-									5.266	4.943
3-Buten-2-ol, 2-methyl-						4.3483				
Camphene									145.7	134.2
.beta.-Pinene									91.9	79.37
(+)-3-Carene									25.72	20.11
.alpha.-Phellandrene									256.9	190.1
.beta.-Myrcene									26.28	18.7
1,3-Cyclohexadiene, 1-methyl-4-(1-methylethyl)- / (+)-2-Carene									35.16	26.3
D-Limonene			5.5083		6.838	5.8856	7.539	4.9148	81.27	61.47
Eucalyptol									4.969	4.224
.beta.-Phellandrene									104.9	79.68
Cyclobutene, bis(1-methylethylidene)-						3.0145				

.gamma.-Terpinene									8.071	5.609
1,3,8-p-Menthatriene / Benzene, 1,4-diethyl- / Bicyclo[3.2.1]oct-2-ene, 3- methyl-4-methylene-					4.356	4.1848	3.574	3.4361		
.beta.-Ocimene									4.026	2.606
Styrene	8.47534	5.6956	6.3347	5.40617	5.192	4.4747	5.453	4.3488	10.3	8.033
o-Cymene					3.228	2.7271	2.995	2.5092	198.2	157.7
3-Carene									2.844	
Cyclohexene, 1-methyl-4- (1-methyle thylidene)-										8.571
(+)-4-Carene									13.19	9.085
5-Hepten-2-one, 6-methyl-					2.489	3.6023	3.32	5.2373		
Nonanal					1.837					
Benzene, (2-methyl-1- propenyl)-o- Isopropenyltoluene					2.709	2.248				
Benzene, 1-methyl-4-(1- methylethen yl)-							2.083	2.4523	2.07	1.902
Acetic acid		1.2544	1.5114	2.02384	2.599	1.5752	1.598	1.9778	1.247	1.446
.alfa.-Copaene					2.213	2.1868	2.231	2.2399	30.22	26.57
3-Nonen-5-yne, 4-ethyl-, (Z)-					2.744	4.5119		2.7965		
Benzaldehyde	1.23113	1.5726	1.3221	1.64815	1.83	2.0619	1.713	2.0998	2.608	1.786
1,6-Octadien-3-ol, 3,7- dimethyl-									26.81	22.99
Dimethyl Sulfoxide	1.93159	6.1066	2.7283		2.44	2.6109	4.141		2.402	1.382
Pulegone										
1H-Pyrrole, 2-ethyl-4- methyl-					2.347	5.4131	2.22	3.3271		
Cyclohexane, 1-ethenyl-1- methyl-2, 4-bis(1- methylethenyl)-, [1S-(1.alfa, 2.beta.,4.beta.)]-					1.754	2.0665	2.055	2.1275		
Caryophyllene					5.947	6.9283	6.948	7.1725	71.5	67.62
Terpinen-4-ol									0.775	0.708
Alloaromadendrene									2.476	2.183
Acetophenone				1.20848		1.1192	1.036	1.2982	1.265	1.245
Humulene									6.976	6.857
tr, Citral					94.71	99.753	104.8	93.085		
2-Carene						2.3573			2.224	2.095
cis, Citral					139.5	145.35	150.4	141.01		
2-Butenal, 3-methyl-										
Furan, 2,3-dihydro-4- methyl-					1.855	2.4486	2.519	2.2294		
2-Oxo-6-(piperidine-1- sulfonyl)-benzoxazole-3- carboxylic acid 2-chloro- ethyl ester						1.7284	1.737	1.7333		

Safrole									6.4	6.362
Hexane, 1-(1-methoxyethoxy)-					1.849	2.544				
Epoxy-linalooloxide						2.0489		1.571		
Phenol						1.0863		1.2198		
Cinnamaldehyde, (E)-									1.71	1.725
1,3-Cyclohexadiene-1-carboxaldehyde, 2,6,6-trimethyl-						1.2203				
Eugenol / 3-Allyl-6-methoxyphenol					1.183	1.5706			51.84	59.15
Benzoic acid								1.6459		
	6-T-8 ($\times 10^6$)	6-T-14 ($\times 10^6$)	7-T-8 ($\times 10^6$)	7-T-14 ($\times 10^6$)	8-T-8 ($\times 10^6$)	8-T-14 ($\times 10^6$)	9-T-8 ($\times 10^6$)	9-T-14 ($\times 10^6$)	10-T-8 ($\times 10^6$)	10-T-14 ($\times 10^6$)
1-Propene, 2-methyl-	0.44116	0.4952	0.9754	0.85998		0.8552			0.354	0.393
Pentane			0.5594	0.66081				0.5673		
n-Hexane		0.7915				1.6393				
2-Butene, 2-methyl-			1.4494	1.35867	0.888					
1,3-Butadiene, 2-methyl-			1.6255	1.51267	1.326	1.3529				
Pentane, 2,2,4-trimethyl-										
Hexane, 3-methyl-	1.03387	1.2668	2.2453	2.30716	1.795	2.2344				
Heptane										
Carbon disulfide	1.37776	0.9241	1.532	1.01913	1.453	1.0482	3.807	3.5192	3.122	3.328
Dimethyl sulfide	1.43428		6.0022	5.78821			8.674	11.05		
Octane										
Acetone	6.44546	5.961	8.0983	8.82527	7.473	9.2264	6.137	5.8435	7.019	6.521
3-(2-Cyclopenten-1-yl)propanal										
Tetrahydrofuran	4.94868	4.4141	5.0356	5.81674	4.826	5.4038				
Isopropyl Alcohol										2.207
Ethanol										1.482
Cyclohexene,3-propyl-			2.8862	2.53854	2.818					
Tricyclo[2.2.1.0(2,6)]heptane, 1,7,7-trimethyl-	3.85789	3.9482								
(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	580.029	462.98	335.36	372.863	326.9	326.76				
Bicyclo[3.1.0]hex-2-ene, 2-methyl-5-(1-methylethyl)-	25.1591	18.317	12.285	12.1628	12.25	9.933				
Toluene	5.13705	4.5348	4.1653	4.03992	4.055	3.7362				
Bicyclo[2.2.1]heptane, 7,7-dimethyl-2-methylene-	5.59797	5.7175								
Camphene	150.755	123.84	83.03	95.3635	81.66	83.54				
.beta.-Pinene	93.6364	73.669	47.37	53.2973	47.55	47.408				

(+)-3-Carene	25.579	17.98	12.125	12.3757	12.59	11.012				
.alpha.-Phellandrene	251.574	173.42	101.35	95.3462	107	85.276				
.beta.-Myrcene	26.3131	16.808	11.633	9.96825	12.46	9.053				
1,3-Cyclohexadiene, 1-methyl-4-(1-methylethyl)- / (+)-2-Carene	34.6182	23.82	12.742	11.8567	13.41	10.46				
D-Limonene	79.3087	54.469	42.211	38.778	45.1	35.297		3.9819		
Eucalyptol	4.75418	3.9457								
.beta.-Phellandrene	102.665	71.932	44.012	41.5536	45.78	37.388				
2,6-Dimethyl-1,3,5,7-octatetraene, E,E-			4.6744	3.81501	4.727	3.1053				
.gamma.-Terpinene	7.93208	5.1019	3.2186	3.19232	3.472	2.8408				
1,3,8-p-Menthatriene / Benzene, 1,4-diethyl- / Bicyclo[3.2.1]oct-2-ene, 3-methyl-4-methylene-			6.0275	5.05602	6.104	4.2518				
.beta.-Ocimene	3.99987	2.4964								
Styrene	9.46618	7.1075	7.7903	7.0493	8.192	6.7049				
o-Cymene	193.932	141.54	103.98	95.2907	105.3	88.334				
3-Carene										
Cyclohexene, 1-methyl-4-(1-methylethylidene)-	12.9154	7.6658	5.3909	4.40811	5.408	3.9107				
5-Hepten-2-one, 6-methyl-					1.514	1.6769				
Nonanal							1.497			1.386
Benzene, 1-methyl-4-(1-methylethenyl)-	1.9194	1.4016	3.2862	2.73702	3.356	2.5059				
Acetic acid	1.22211	1.7827	1.3886	1.87732		1.7887	1.291	1.3878		1.888
.alfa.-Copaene	28.3629	21.404	13.061	14.0254	12.93	13.305				
Benzaldehyde	2.13304	1.6871	2.5323	2.50366	1.848	2.4324	1.287	1.4588	1.372	1.494
1,6-Octadien-3-ol, 3,7-dimethyl-	25.7154	20.667	13.547	11.0673	11.75	8.6144				
Dimethyl Sulfoxide	1.63754		3.2339	2.72522			2.068	2.4157		
Pulegone			1.8563		2.132					
Cyclohexane, 1-ethenyl-1-methyl-2, 4-bis(1-methylethenyl)-, [1S-(1.alpha.,2.beta.,4.beta.)]-			1.4097	1.31355	1.226	1.5527				
Caryophyllene	71.1304	57.709	33.067	37.0886	33.18	36.524				
Terpinen-4-ol	0.90424	0.6654								
Alloaromadendrene	2.16524	2.117				1.6157				
Acetophenone	1.30031		1.1195	1.18377		1.2781				1.183
Humulene	7.59758	6.2935	2.8021	3.05545	3.061	2.9376				
tr, Citral			83.723	59.0131	65.29	41.352				
2-Carene	2.14772	1.9502	2.42	2.02493	2.109	1.7457				

cis,Citral			121.57	88.1894	100.3	67.624	1.221	2.058		
2-Butenal, 3-methyl-					0.918					
Furan, 2,3-dihydro-4-methyl-			1.4388	0.88086	1.427	0.8224				
Safrole	7.85689	6.7379	3.3439	2.60822	3.347	2.5941				
Phenol			1.1047			1.215				
Cinnamaldehyde, (E)-	1.97868	1.6421	1.235							
Eugenol / 3-Allyl-6-methoxyphenol	66.998	68.504	26.456	21.1191	31.58	21.524				
Benzoic acid						0.6873				