

Table S1. GC-MS compounds generated at 5 °C/min.

0 wt.%			10 wt.%			30 wt.%			50 wt.%		
Time (min.)	GC Compounds	Area (%)	Time (min.)	GC Compounds	Area (%)	Time (min.)	GC Compounds	Area (%)	Time (min.)	GC Compounds	Area (%)
1.214	Propene	7.42	1.200	Propene	1.26	1.200	Propene	5.47	1.20	Propene	7.38
1.259	1-Propene, 2-methyl-	7.34	1.245	1-Propene, 2-methyl-	2.41	1.245	1-Propene, 2-methyl-	10.54	1.246	1-Propene, 2-methyl-	14.90
1.395	Pentane	11.81	1.381	Pentane	3.79	1.375	Pentane	13.17	1.375	Pentane	12.83
1.679	1-Pentene, 2-methyl-	7.25	1.426	2-Butene, 2-methyl-	0.93	1.420	2-Butene, 2-methyl-	4.65	1.420	2-Butene, 2-methyl-	5.71
3.762	Heptane, 4-methyl-	1.92	1.659	1-Pentene, 2-methyl-	1.57	1.562	1H-Pyrazole, 4,5-dihydro-5-methyl-	2.25	1.569	1H-Pyrazole, 4,5-dihydro-5-methyl-	2.44
5.671	2,4-Dimethyl-1-heptene	34.57	1.750	2-Butene, 2,3-dimethyl-	1.27	1.653	1-Pentene, 2-methyl-	3.08	1.653	1-Pentene, 2-methyl-	2.33
5.981	Cyclohexane, 1,3,5-trimethyl-, alpha.,3.alpha.,5.beta.)-	2.03	5.605	2,4-Dimethyl-1-heptene	9.11	1.743	2-Pentene, 3-methyl-, ε-	6.11	1.744	2-Pentene, 2-methyl-	5.73
6.925	5-Aminoisoxazole Spermine	1.55	10.560	Ethanone, 1-cyclopentyl-	1.32	1.828	2-Pentene, 3-methyl-, (Z)-	1.59	1.828	2-Pentene, 3-methyl-, ε-	1.46
10.613	Ethanone, 1-cyclopentyl-	3.57	10.638	1R,2c,3t,4t-Tetramethyl-cyclohexan	0.97	2.584	1,3-Pentadiene, 2,3-dimethyl-	2.28	2.585	1,4-Hexadiene, 5-methyl-	2.31
10.684	N-Methylallylamine	2.49	14.047	Heptane, 2-methyl-3-methylene-	2.50	3.697	Heptane, 4-methyl-	2.97	3.697	Toluene	4.31
14.086	2-Undecene, 4-methyl-	7.81	14.163	Cyclopentane, (2-methylbutyl)-	1.00	5.605	2,4-Dimethyl-1-heptene	22.29	5.605	2,4-Dimethyl-1-heptene	12.95
14.203	2-Decene, 7-methyl-, (Z)-	2.67	14.280	Hexane, 2,3,4-trimethyl-	2.12	5.922	Cyclohexane, 1,3,5-trimethyl-, (1. Alpha.,3.alpha.,5.beta.)-	2.30	5.922	Cyclohexane, 1,3,5-trimethyl-, alpha.,3.alpha.,5.beta.)-	1.56
14.326	Dichloroacetic acid, 6-ethyl-3-octyl ester	6.92	21.628	Fumaric acid, nonyl 2,3,6-trichlorophenyl ester	7.42	6.297	p-Xylene	1.59	6.285	p-Xylene	3.82
15.063	Cyclododecaneme thanol	1.31	21.732	Cyclodocasiloxane, eicosamethyl-	2.28	10.567	1-Undecene, 7-methyl-	3.17	8.374	Benzene, 1-ethyl-2-methyl-	1.89

16.920	Acetic acid, trifluoro-, 3,7-dimethyloctyl ester	1.35	22.579	4,4'-(Hexafluoroisopropylidene)diphenol	4.14	10.638	Ethanone, 1-cyclopentyl-	2.39	10.560	1-Undecene, 7-methyl-	2.08							
			23.051	4-Thiazolemethanol, 2-(4-chlorophenyl)-	7.75	14.047	2-Acetylcyclopentanone	6.28	10.638	1R,2c,3t,4t-Tetramethylcyclohexan	1.58							
			23.219	Cyclodecasiloxane, eicosamethyl-	4.65	14.163	Cyclopentane, (2-methylbutyl)-	2.34	13.646	1H-1,2,4-Triazole, 3-(2-methylpropyl)-	1.61							
			24.358	Fumaric acid, nonyl 2,3,6-trichlorophenyl ester	6.94	14.286	Cyanamide, dibutyl-	5.61	13.982	Cyclohexanone, 3,3,5-trimethyl-	1.71							
			24.513	Cyclononasiloxane, octadecamethyl-	4.94	16.498	Octasiloxane, 1,1,3,3,5,5,7,7,9,11,11,13,13,15,15-hexadecamethyl-	1.92	14.047	2-Acetylcyclopentanone	4.28							
			24.655	Pyrazole-4-carboxamide, 3-(1-adamantyl)-1-phenyl-	2.67						14.163	2-Undecene, 4-methyl-	1.63					
			25.606	4-Nitro-4'-chlorodiphenylsulfide	6.62						14.280	2-Acetylcyclopentanone	3.76					
			25.768	Cyclononasiloxane, octadecamethyl-	5.53						16.499	Cyclohexane, 1,1'-(2-ethyl-1,3-propanediyl)bis-	1.57					
			27.172	4-Nitro-4'-chlorodiphenylsulfide	5.01						20.257	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(trimethylsiloxy)tetrasiloxane	2.17					
			27.340	Cyclodecasiloxane, eicosamethyl-	5.67													
			29.352	Pentasiloxane, dodecamethyl-	3.31													
			29.487	Hexasiloxane, tetradecamethyl-	4.83													

Table S2. GC-MS compounds generated at 30 °C/min.

0 wt.%			10 wt.%			30 wt.%			50 wt.%		
Time (min.)	GC Compounds	Area (%)	Time (min.)	GC Compounds	Area (%)	Time (min.)	GC Compounds	Area (%)	Time (min.)	GC Compounds	Area (%)
1.214	Propene	7.60	1.213	Propene	3.95	1.200	Propene	6.46	1.213	Propene	6.89
1.259	1-Propene, 2-methyl-	4.23	1.258	1-Propene, 2-methyl-	7.59	1.245	1-Propene, 2-methyl-	12.88	1.258	1-Propene, 2-methyl-	14.95
1.395	Pentane	12.09	1.394	Pentane	15.46	1.381	Pentane	12.49	1.388	Pentane	15.02

1.679	1-Pentene, 2-methyl-	7.81	1.582	2-Pentene, 4-methyl-, (Z)-	1.99	1.426	Cyclopropane, 1,2-dimethyl-, cis-	5.75	1.433	Cyclopropane, 1,2-dimethyl-, cis-	5.68
3.756	Heptane, 4-methyl-	2.12	1.672	1-Pentene, 2-methyl-	6.07	1.569	1H-Pyrazole, 4,5-dihydro-5-methyl-	2.21	1.582	Cyclopropane, 1,1,2-trimethyl-	3.17
5.671	2,4-Dimethyl-1-heptene	38.39	1.757	2-Pentene, 3-methyl-, (Z)-	3.21	1.659	1-Pentene, 2-methyl-	3.22	1.666	1-Pentene, 2-methyl-	2.42
5.981	Cyclohexane, 1,3,5-trimethyl-, alpha.,3.alpha.,5.alpha.)	1.94	2.597	1,3-Pentadiene, 2,3-dimethyl-	2.14	1.750	2-Butene, 2,3-dimethyl-	5.58	1.757	2-Pentene, 3-methyl-, (Z)-	5.33
6.926	2-Pentanone, 3-[(acetyloxy)methyl]-3,4-dimethyl-, (+)-2-	1.55	3.710	Heptane, 4-methyl-	2.34	1.834	2-Pentene, 3-methyl-, E-	1.75	1.841	2-Pentene, 3-methyl-	1.56
10.606	Ethanone, 1-cyclopentyl-	3.55	5.618	2,4-Dimethyl-1-heptene	30.38	2.067	Cyclopentene, 1-methyl-	1.43	2.074	Cyclopentene, 1-methyl-	1.67
10.677	4-Methyl-2-heptene	2.53	5.929	Cyclohexane, 1,3,5-trimethyl-, (1. Alpha.,3.alpha.,5.beta.ta.)-	2.06	2.591	1,3-Pentadiene, 2,3-dimethyl-	2.81	2.597	2,4-Hexadiene, 2-methyl-	2.86
14.086	2-Decene, 7-methyl-, (Z)-	5.90	6.873	1-Silacyclo-3-pentene	1.52	3.703	Heptane, 4-methyl-	2.30	3.710	Heptane, 4-methyl-	3.03
14.203	2-Decene, 7-methyl-, (Z)-	1.91	10.567	2-Undecene, 4-methyl-	3.85	5.463	2-Hepten-4-one, 2-methyl-	1.60	5.463	2-Hepten-4-one, 2-methyl-	1.79
14.319	4-Decene, 3-methyl-, E-	4.78	10.638	2-Undecene, 4-methyl-	2.68	5.612	2,4-Dimethyl-1-heptene	17.61	5.612	2,4-Dimethyl-1-heptene	14.71
19.378	Cyclohexane, 1-ethyl-2-propyl-	1.43	14.047	2-Acetylcyclopentane	5.65	5.922	Cyclohexane, 1,3,5-trimethyl-, alpha.,3.alpha.,5.beta.ta.)-	1.67	5.929	Cyclohexane, 1,3,5-trimethyl-, alpha.,3.alpha.,5.beta.ta.)-	1.57
20.290	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(trimethylsiloxy)tetrasiloxane	2.75	14.170	2-Acetylcyclopentane	1.83	6.284	p-Xylene	1.55	6.291	Benzene, 1,3-dimethyl-	2.46
21.849	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(trimethylsiloxy)tetrasiloxane	1.43	14.286	4-Isopropyl-1,3-cyclohexanedione	4.45	6.867	1-Silacyclo-3-pentene	1.44	6.873	1-Dodecanone, 1-cyclopropyl-	1.78
			25.199	Cyclononasiloxane, octadecamethyl-	2.42	10.560	2-Undecene, 4-methyl-	2.71	10.567	2-Undecene, 4-methyl-	2.74
			25.406	Octasiloxane, 1,1,3,3,5,5,7,7,9,9,11,11,13,13,15,15-hexadecamethyl-	2.40	10.638	Ethanone, 1-cyclopentyl-	1.77	10.638	3-Dodecene, E-	1.80
						14.047	2-Acetylcyclopentane	3.69	13.646	Oxalic acid, cyclohexyl dodecyl ester	1.60
						14.280	2,3-Dimethyl-3-heptene, (Z)-	2.92	13.982	3-Methyl-2-butenic acid, 6-ethyl-3-octyl ester	1.56

		20.108	Cyclononasiloxane, octadecamethyl-	2.41	14.047	2-Acetylcyclopentane	4.08	
		21.641	1-(2-Methylbutoxy)-7-heptyl-2,2,4,	1.53	14.286	Hexane, 3-ethyl-	3.34	
		21.796	Cyclodecasiloxane, eicosamethyl-	1.35				
		23.058	Dimethyl 6-methoxyquinolate	1.60				
		24.358	Octasiloxane, 1,1,3,3,5,5,7,7,9,9,11,11,13,13,15,15-hexadecamethyl-	1.24				