Table S1. Components identified in various *shammah* samples by GC-MS

Sample No.	*Shammah* (ST) type	Total detected components	GC Parameters	Components																																		
				Undecane	Tridecane	Cyclohexasiloxane, dodecamethyl	Pentadecane	3-(1-Methyl-2-pyrrolidinyl) pyridine	3-Isopropoxy-1,1,1,7,7,7-hexamethyl-3,5,5-tris(trimethylsiloxy)tetrasiloxane	(1s,2s)-Nicotine-N-oxide	Methyl hexadecanoate	Methyl linoleate	Methyl 7-octadecenoate	Methyl 9-octadecenoate (Methyl oleate)	Oleamitrile	Butyl 2-amino-5-methylbenzoate	1-phenyl-5,5-dimethyl-4,6-dioxa-5-sila-8-oct-1-ene	Hexamethyl cyclotrisiloxane	Methyl stearate (Methyl octadecenoate)	Methyl 9,10-dichloro-octadecenoate	1-tert-Butyl-3,3,4-trimethyl-3,4-dihydro-1H-benzopyran-1-ol	Oleic acid (9-Octadecenoic acid)	Tricosane	Pentatriacontane	Octadecane	Dodecane	2,6, 10,14-Tetramethyl heptadecane	Tetradecane	Dimethyl 2-hydroxy-4-[(tetrahydropyran-2-yl)oxy]methyl]benzene-1,3-dicarboxylate	1,2-Benzenedicarboxylic acid,dibutyl ester	Hexanedioic acid,bis(2-ethylhexyl) ester	1,2-Benzenedicarboxylic acid,bis(2-ethylhexyl) ester	13-Docosenamide	Tetratetracontane	Methyl heptadecanoate	Caffeine	Tetratriacontane
S1	*Arishi shammah* from Jazan city	12/3	Retention time	4.19		6.01		6.58		7.71	10.99	12.09		12.14		15.1		24.16/ 15.08	12.28				13.32													10.98		
			Area% Pet. ether	0.41		3.52		89.45		0.8	--	--		--		--		--	--				--													0.41		
			Area% Chloroform	--		2.71		35.05		--	19.78	3.32		20.81		0.93		0.67	1.64				--													--		
			Area% Ethanol	0.86		1.54		32.55		--	23.24	3.84		20.17		--		--	2.27				4.82													0.77		
			Area% Aqueous	--		--		12.96		--	--	--				1		8.52	4.98				--													--		
S2	*Arishi shammah* from Sabiya	12/4	Retention time		4.21	6.01		6.58	7.48		10.98	12.09		12.13			21.2	16.5			20.76						6.05	16.35										
			Area% Pet. ether		1.37	2.01		60.45	--		1.7	1.41		0.67			3.68	0.69			--						--	0.8										
			Area% Chloroform		0.93	1.24		14.04	--		13.69	--		12.6			7.33	6.78			1.31						0.72	0.96										
			Area% Ethanol		3.25	1.34		4.52	1.77		1.66	--		--			2.87	18.19			2.53						1.26	2.01										
			Area% Aqueous		4.19	1.37		72.86	0.77		10.24	0.65		7.4			--	0.5			--						--	--										
S3	*Arishi shammah* from Ahad al Masarihah	13/6	Retention time	4.19	4.21	6.01		6.58	7.48	7.71	10.98	12.09	12.13	12.14								12.28	16.91	18.88														
			Area% Pet. ether	1.99	--	1.66		66.78	1.88	1.62	3.85	--	--	2.18								--	--	--														
			Area% Chloroform	1.84	1.22	1.68		60.82	1.39	0.63	14.33	1.69	13.45	--								--	--	--														
			Area% Ethanol	1.83	0.73	0.86		18.96	0.68	--	34.1	--	1.87	0.41								3.07	1.84	1.18														
			Area% Aqueous	--	0.88	0.88		53.5	0.72	--	18.52	2.28	--	18.23								1.41	0.82	0.99														
S4	*Adani cold shammah* from Jazan city	13/5	Retention time	4.19	6.06	4.2	6.01	6.58	7.48		10.99	12.09											13.32	16.17										16.07	18.9		10.53	
			Area% Pet. ether	1.89	--	--	0.86	87.56	2.05		--	--											--	--										--	--		--	
			Area% Chloroform	0.66	0.42	--	2.84	55.04	0.7		9.41	1.57											--	--										2.94	0.41		0.45	
			Area% Ethanol	--	0.81	2.16	1.03	61.18	0.82		1.95	--											6.05	3.44										3.76	--		0.5	
			Area% Aqueous	0.19	0.41	0.42	--	84.15	--		0.32	0.17											0.04	0.04										0.15	6.38		0.09	
S5	*Adani cold shammah* from Abu Arish	8/4	Retention time		4.21	5.1		6.58			10.99												15.52					6.06									10.53	17.57
			Area% Pet. ether		1.36	0.87		83.16			--												--					--									0.68	--
			Area% Chloroform		1.4	4.9		78.19			2.81												--					1.23									0.75	--
			Area% Ethanol		0.96	0.63		66.1			1.9												0.68					0.39									1.41	7.26
			Area% Aqueous		0.34	1.45		89.2			0.73												1.57					--									--	--
S6	*Adani cold shammah* from Sabiya	12/7	Retention time		4.21	6.01		6.58	7.48	7.71	10.98				14.41								16.91		6.05					9.3	13.71	14.57					
			Area% Pet. ether		2.26	3.68		59.52	2.61	--	--				--								--		1.08					--	--	--					
			Area% Chloroform		1.16	2.29		90.03	1.31	0.6	1.23				--								--		0.85					--	--	--					
			Area% Ethanol		1.5	1.07		87	0.7	0.29	2.4				--								2.14		--					--	--	--					
			Area% Aqueous		--	--		0.03	--	--	1.85				5								--		--					3.19	3.84	45.29					
S7	*Special shammah* from Sabiya	14/6	Retention time	4.19	4.21	6.01	6.1	6.58	7.48		10.98	12.09		12.13						14.46		12.28	16.91			5.13	6.05											
			Area% Pet. ether		1.88	3.06	--	72.18	1.69		9.54	--		6.45						--		--	--			1.44	1.71											
			Area% Chloroform	1.6	3.13	1.98	1.45	28.71	1.74		28.28	3.4		27.25						--		1.98	--			--	--											
			Area% Ethanol	--	1.33	0.62	--	23.41	0.33		34.66	2.58		17.86						8.12		3.19	1.63			--	--											
			Area% Aqueous	0.23	1.53	1.23	0.52	15.77	0.87		33.62	4.5		35.26						--		2.85	1.39			0.46	0.82											
S8	*Khadrah shammah* from Ahad al Masarihah	12/4	Retention time	4.2		6.01	6.05	6.58	7.48	7.71	10.98	12.13		12.09					12.28	14.46	28.58																	
			Area% Pet. ether	3		1.81	--	87.91	2.1	1.41	--	--		--					--	--	0.71																	
			Area% Chloroform	2.39		1.27	--	70.38	1.15	0.92	9.76	9.92		1.43					--	--	--																	
			Area% Ethanol	1.14		1.13	0.68	10.12	1.04	--	16.9	--		--					1.39	13.11	2.11																	
			Area% Aqueous	1.17		2.03	1.61	52.87	1.57	--	17.08	15.92		1.92					1.16	--	--																	