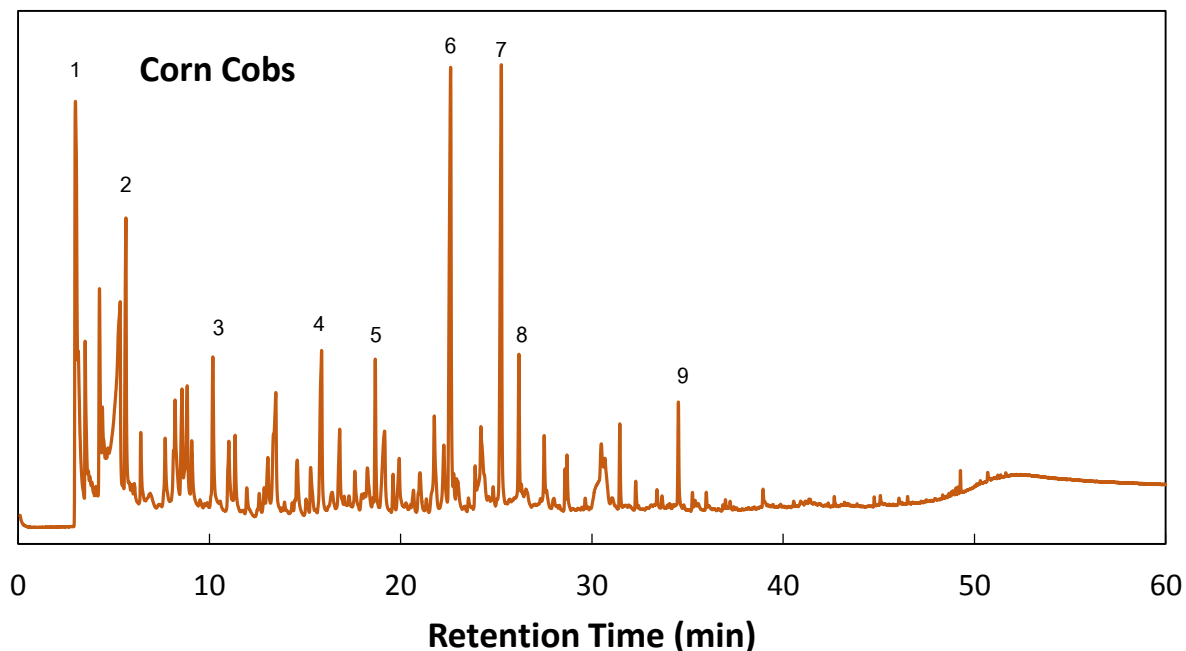


Corn cobs

Pyrogram :



Detailed composition:

Identified No.	Compound Group	Compounds	Area %
1	Gas	Carbon dioxide	8.84
3	Aromatics	Furfural	2.04
		2-Furanmethanol	0.85
		2(5H)-Furanone	0.90
		2,4(3H,5H)-Furandione, 3-methyl-	1.02
		Benzeneethanol, 4-hydroxy-	0.67
6		Benzofuran, 2,3-dihydro-	8.82
		2-Furancarboxaldehyde, 5-(hydroxymethyl)-	0.39
		1,2,3-Trimethoxybenzene	0.41
		Benzaldehyde, 4-hydroxy-3,5-dimethoxy-	0.16
		1,1'-Biphenyl, 6-hydroxy-4,2',3',4'-tetramethoxy-	0.06
	Acids	Pyruvic acid	1.99
		Acetic acid	8.07
	Fatty acids	n-Hexadecanoic acid	0.20
	Alcohols	Desaspidinol	0.17
	Aldehydes	Butanedial	1.57
	Esters	1,2-Ethandiol, monoacetate	1.81
		Propanoic acid, 2-oxo-, methyl ester	1.82
	Ketones	Propanoic acid, anhydride	0.66

2		2-Propanone, 1-hydroxy-	3.65
		2-Propanone, 1-(acetyloxy)-	0.81
		2-Cyclopenten-1-one, 2-methyl-	0.33
		2-Cyclopenten-1-one, 2-hydroxy-	1.06
		1,2-Cyclopentanedione	2.16
		1,2-Cyclopentanedione, 3-methyl-	1.34
		2-Cyclopenten-1-one, 3-ethyl-2-hydroxy-	0.49
9		2-Hydroxy-4-isopropyl-7-methoxytropone	1.20
	Phenols	Phenol	0.93
		Phenol, 2-methyl-	0.57
		Phenol, 4-methyl-	0.46
5		Phenol, 2-methoxy-	1.73
		Phenol, 2-methoxy-4-methyl-	1.77
		1,2-Benzenediol	1.49
		1,2-Benzenediol, 3-methoxy-	0.65
		Phenol, 4-ethyl-2-methoxy-	2.63
7		2-Methoxy-4-vinylphenol	8.20
8		Phenol, 2,6-dimethoxy-	2.56
		Vanillin	0.93
		Phenol, 2-methoxy-4-(1-propenyl)-, (E)-	0.74
		Ethanone, 1-(4-hydroxy-3-methoxyphenyl)-	0.15
		2-Propanone, 1-(4-hydroxy-3-methoxyphenyl)-	1.53
		Phenol, 2,6-dimethoxy-4-(2-propenyl)-	0.35
		Phenol, 2,6-dimethoxy-3-(2-propenyl)-	0.25
		Ethanone, 1-(4-hydroxy-3,5-dimethoxyphenyl)-	0.17
4	N-com.	Oxazolidine, 2,2-diethyl-3-methyl-	3.66
	Sugars	2,3-Anhydro-d-mannosan	0.28
	Steroids	γ -Sitosterol	0.08
	unknown.		19.40
SUM			100