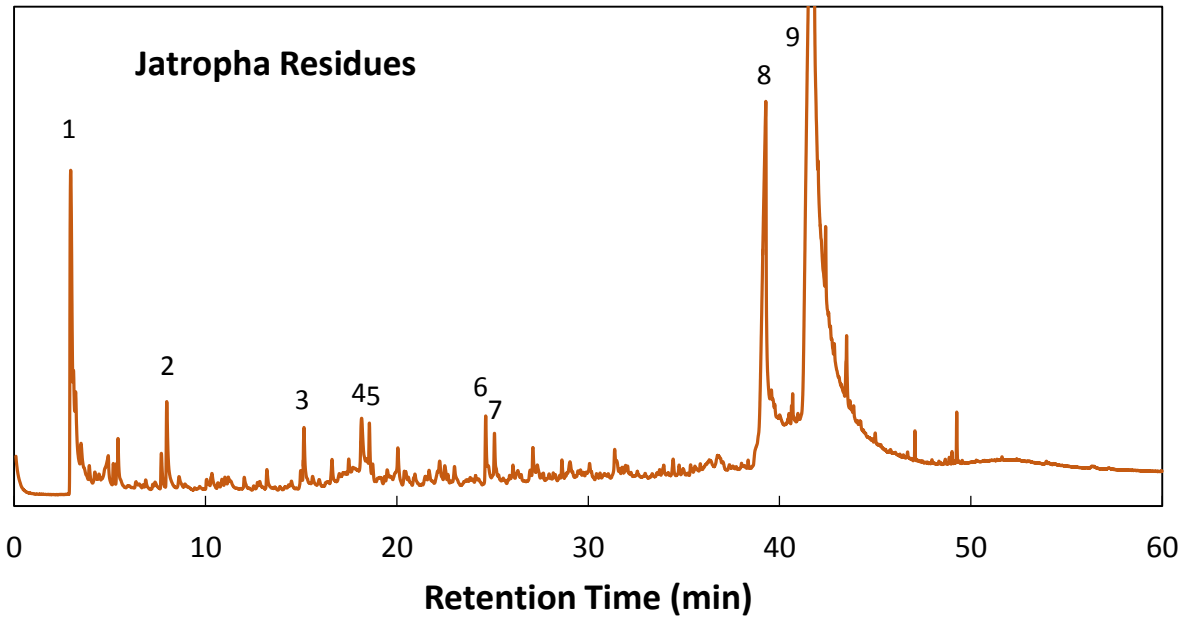


Jatropha Residues

Pyrogram :



Detailed composition:

Identified No.	Compound Group	Compounds	Area %
1	Gas	Carbon dioxide	7.42
2	Aliphatics	Toluene	1.75
		Squalene	0.17
8	Fatty acids	n-Hexadecanoic acid	13.64
9		9,12-Octadecadienoic acid (Z,Z)-	65.60
	Alcohols	Propanal, 2-methyl-	0.22
		Butanal, 3-methyl-	0.28
	Ketones	Methylglyoxal	1.69
		Acetone	0.38
		2-Propanone, 1-hydroxy-	0.46
		1,2-Cyclopentanedione	0.33
3	Phenols	Phenol	0.86
4		Phenol, 3-methyl-	1.24
5		Phenol, 2-methoxy-	0.50
6		Indole	0.78
7		2-Methoxy-4-vinylphenol	0.51
	N-com.	Pyrrole	0.59
		1,2-Dianilinoethane	0.74
		9-Octadecenamide, (Z)-	0.60
	unknown.		2.23
Total Area			100