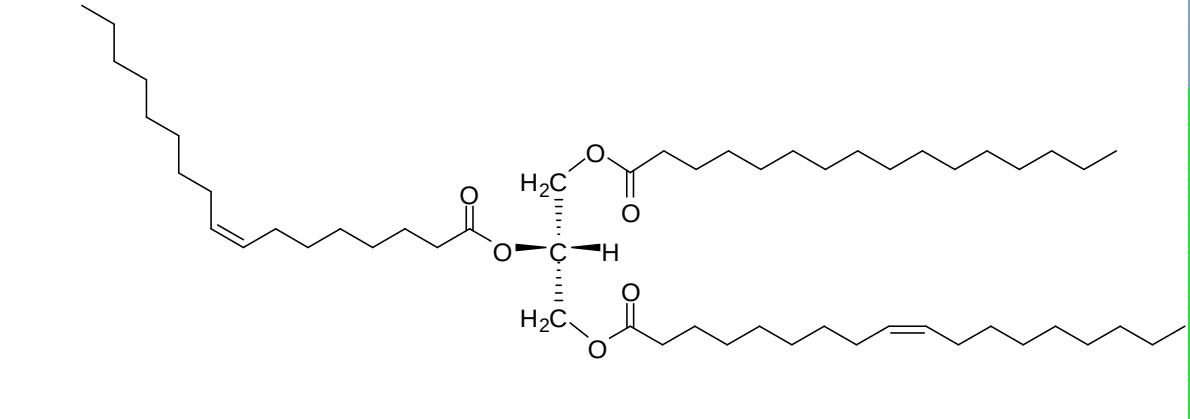
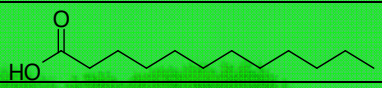
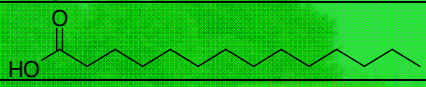
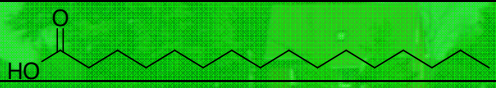
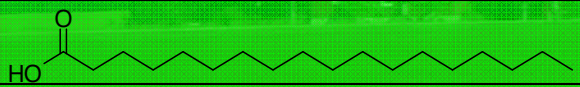
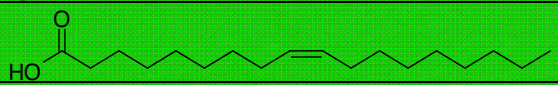
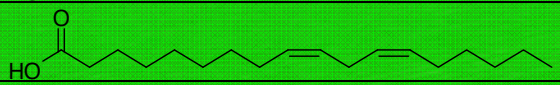
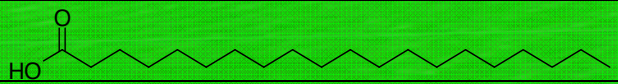
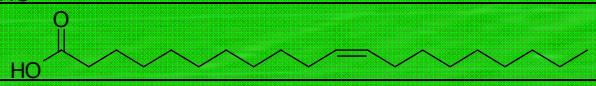
BioDiesel Precursors
Triglycerides



Fatty acid	Chemical structure	C:D
Lauric acid		12:0
Myristic		14:0
Palmitic		16:0
Stearic		18:1
Oleic		18:1
Linoleic		18:2
Linolenic		18:3
Arachidic		20:0
Eicosenoic		20:1
Erucic		22:1

Fatty acids designated: Carbon chain length : Degree unsaturation

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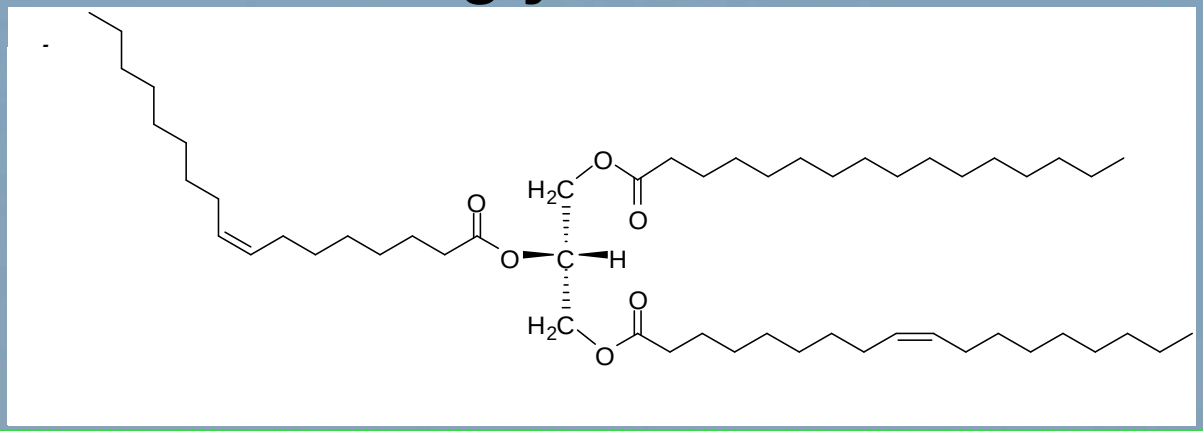
Triglycerides



Fatty acid profiles of pure plant	12:0*	14:0*	16:0*	18:0*	18:1*	18:2*	18:3*	20:0*	22:1*
Soybean	trace	trace	6-10	2-5	20-30	50-60	5-11		
Hi oleic rapeseed			4.3	1.3	59.9	21.1	13.2		
Hi erucic rapeseed			3.0	0.8	13.1	14.1	9.7	7.4	50.7
Corn		1-2	8-12	2-5	19-49	34-62	trace		
Palm	trace	1.0	42.8	4.5	40.5	10.1	0.2		
Peanut			8-9	2-3	50-65	20-30			
Olive			9-10	2-3	73-84	10-12	trace		
Cottonseed		0-2	20-25	1-2	23-35	40-50	trace		
Coconut	46.5	19.2	9.8	3.0	6.9	2.2			
Linseed oil			4-7	2-4	25-40	35-40	25-60		
Tung oil			3-4	0-1	4-15		75-90		

Fatty acids designated

Carbon chain length : Degree unsaturation) i. e; (18:1) stands for Oleic acid

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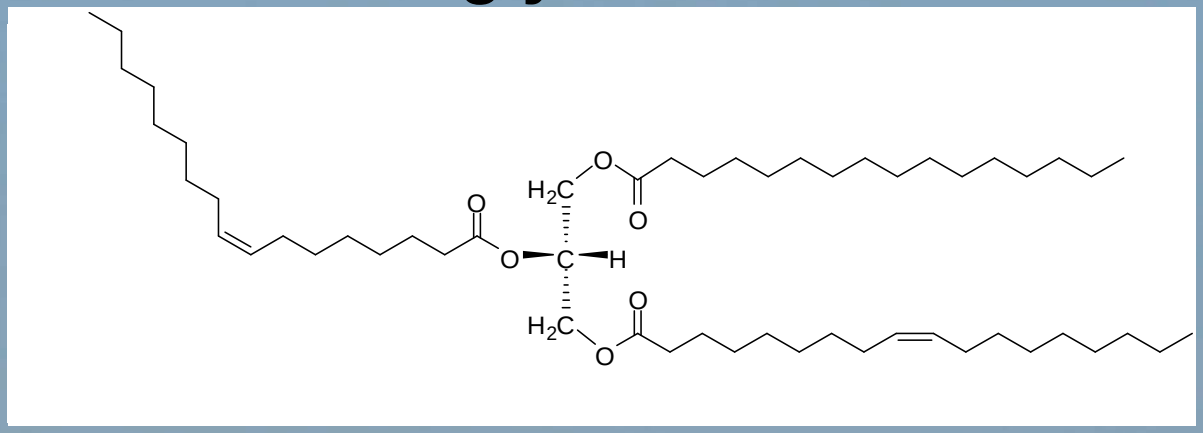
Triglycerides



Animal fat	14:0*	16:0*	18:0*	18:1*	18:2*	18:3*	20:0*	22:1*
Lard	1-2	28-30	12-18	40-50	7-13	0-1		
Chicken	0-1	26-33	7-10	32-36	16-21	0-1	1-2	0-1
Tallow	3-6	24-32	20-25	37-43	2-3			

Feedstock	14:0*	16:0*	18:0*	18:1*	18:2*	18:3*	20:0*	22:1*
Yellow grease	1.3	17.3	12.4	54.7	8.0	0.7	0.3	0.5
Brown grease	1	24	10	50	15			

Fatty acids designated: Carbon chain length : Degree unsaturation