

SEPARATION OF METHYL ESTERS (FAMES)

Column: **CG-CN100**, P/N CG-882192

Size: 100m x 0.25mm x 0.20µm

Injection: 1µL Total FAMES en CH₂Cl₂ (30 mg/mL), split 1:100, 260°C

Carrier gas: He 45 psi, 21 cm/s (140°C)

Program temperature: 140°C(6min) @ 4°C/min to 240°C(10min)

Detector: FID, 260°C

Peak Name

1	C4:0 (butyric)	20	C18:2n6c (linoleic)
2	C6:0 (caproic)	21	C20:0 (arachidic)
3	C8:0 (caprylic)	22	C18:3n6 (γ-linolenic)
4	C10:0 (capric)	23	C20:1n9 (<i>cis</i> -11-eicosenoic)
5	C11:0 (undecanoic)	24	C18:3n3 (α-linolenic)
6	C12:0 (lauric)	25	C21:0 (heneicosanoic)
7	C13:0 (tridecanoic)	26	C20:2 (<i>cis</i> -11,14-eicosadienoic)
8	C14:0 (myristic)	27	C22:0 (behenic)
9	C14:1 (myristoleic)	28	C20:3n6 (<i>cis</i> -8,11,14-eicosatrienoic)
10	C15:0 (pentadecanoic)	29	C22:1n9 (erucic)
11	C15:1 (<i>cis</i> -10-pentadecanoic)	30	C20:3n3 (<i>cis</i> -11,14,17-eicosatrienoic)
12	C16:0 (palmitic)	31	C20:4n6 (arachidonic)
13	C16:1 (palmitoleic)	32	C23:0 (tricosanoic)
14	C17:0 (heptadecanoic)	33	C22:2 (<i>cis</i> -13,16-docosadienoic)
15	C17:1 (<i>cis</i> -10-heptadecenoic)	34	C24:0 (lignoceric)
16	C18:0 (stearic)	35	C20:5n3 (<i>cis</i> -5,8,11,14,17-eicosapentaenoic)
17	C18:1n9t (elaidic)	36	C24:1 (nervonic)
18	C18:1n9c (oleic)	37	C22:6n3 (<i>cis</i> -4,7,10,13,16,19-docosahexaenoic)
19	C18:2n6t (linolelaidic)		

