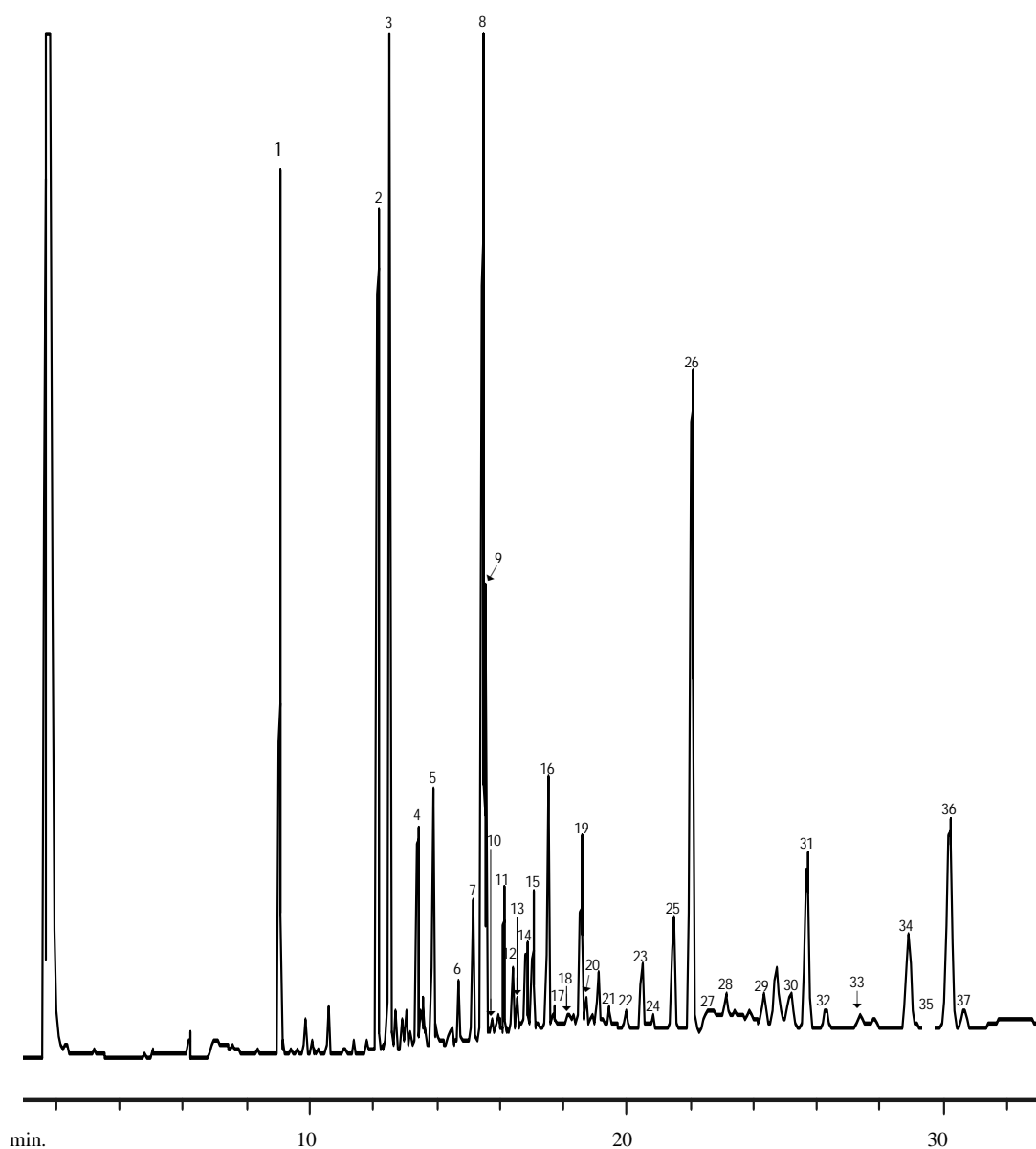


Analysis of Fatty Acid Methyl Esters (FAMES) from Menhaden Oil

(on the 30m, 0.53mm ID, 0.50µm FAMEWAX™ column—cat.# 12499, lot# 694)



On-column conc.: 2500ng; **Oven temp.:** 120°C to 220°C @ 6°C/min. (hold 20 min.); **Inj./det. temp.:** 220/230°C; **Carrier gas:** hydrogen set @ 30cm/sec., 120°C (1.667 min. dead time); **Split vent flow:** 40mL/min.

Analysis of FAMEs from Menhaden Oil

(on the 30m, 0.53mm ID, 0.50µm FAMEWAX™ column—cat.# 12499, lot# 694)

Peak #	FAME	Retention Time	ECLs*	Resolution (R 1.5= baseline)	Peak #	FAME	Retention Time	ECLs*	Resolution (R 1.5= baseline)
1	C14:0	9.144	14.00		20	C20:1n7	18.843	20.25	
2	C16:0	12.239	16.00		21	C20:2n6	19.233	20.44	
3	C16:1n7	12.629	16.28		22	C20:3n6	20.122	20.86	
4	C16:2n4	13.498	16.88		23	C20:4n6	20.614	21.09	
5	C16:3n4	13.988	17.20		24	C20:3n3	20.969	21.25	
6	C16:4n1	14.820	17.72		25	C20:4n3	21.610	21.53	
7	C18:0	15.281	18.00		26	C20:5n3	22.190	21.78	
8	C18:1n9	15.571	18.21		27	C22:0	22.728	22.00	
9	C18:1n7	15.671	18.28		28	C22:1n9	23.285	22.19	
10	C18:1n5	15.859	18.41		29	C22:2n6	24.480	22.58	
11	C18:2n6	16.224	18.65		30	C21:5n3	25.338	22.85	
12	C18:2n4	16.524	18.86		31	C23:0	25.844	23.00	1.55 (pks 30/31)
13	C18:3n6	16.659	18.94		32	C22:4n6	26.440	23.16	1.46 (pks 31/32)
14	C18:3n4	16.952	19.14		33	C22:5n6	27.519	23.44	
15	C18:3n3	17.163	19.27		34	C22:5n3	29.068	23.82	
16	C18:4n3	17.641	19.57		35	C24:0	29.834	24.00	
17	C18:4n1	17.827	19.69		36	C22:6n3	30.353	24.12	1.39 (pks 35/36)
18	C20:0	18.347	20.00		37	C24:1n9	30.822	24.23	1.25 (pks 36/37)
19	C20:1n9	18.691	20.17						

*These values are not conventional equivalent chain-length values obtained under isothermal conditions. However, they are still indicative of column polarity and elution order of unsaturates under specific conditions.

Call Technical Service at 800-356-1688 or 814-353-1300, ext. 4 (or your local Restek representative) if you have any questions about this product or any other Restek product.



#108-01 [003]
Rev. date: 5/01

Restek USA: 110 Benner Circle, Bellefonte, PA 16823
phone: (800) 356-1688 or (814) 353-1300 • fax: (814) 353-1309; www.restekcorp.com
Restek GmbH: phone: (49) 06172 2797 0 • email: RESTEK-GMBH@t-online.de
Restek France: phone: (33) 01 60 78 32 10 • email: restekfr@club-internet.fr
Thames Restek UK Ltd.: phone: (44) 01753 624111 • email: Sales@Thamesrestek.co.uk
Thames Restek Scotland Ltd.: phone: 0870 241 1247 • email: Sales@Thamesrestek.co.uk
Restek Ireland: phone: (44)2 890 814 576 • email: dmannusrestek@compuserve.com