

TABLE 7: Structural Equation Model M6 Fatty Acid Residuals Matrix, Θ .

	Ln C18:3n3	Ln C20:5n3	C22:6n3	C20:4n6	C22:4n6	C22:5n6	C14:0	C16:0	C18:0	C16:1	C16:1t	C18:1t	C18:2t
Ln(C18:3n3)	0.834	-0.114*	-0.209*	0	0	0	0	0	0	0	0	0	0
Ln(C20:5n3)	-0.114*	0.294	0.089**	0.073*	0	0	0	0	0	0	0	0	0
C22:6n3	-0.209*	0.089**	0.372	0	0.142*	0	0	0	0	0	0	0	0
C20:4n6	0	0.073*	0	0.469	0	0	0	0	0	0	0	0	0
C22:4n6	0	0	0	0	0.275	-0.020*	0	0	0	0	0	0	0
C22:5n6	0	0	0.142*	0	-0.020*	0.343	0	0	0	0	0	0	0
C14:0	0	0	0	0	0	0	0.434	-0.054**	0.080**	0	0.087**	0	0
C16:0	0	0	0	0	0	0	-0.054**	0.321	-0.045**	0.054**	-0.120**	0	0.003**
C18:0	0	0	0	0	0	0	0.080**	-0.045**	0.654	-0.107**	-0.065**	-0.198**	-0.074**
C16:1	0	0	0	0	0	0	0	0.054**	-0.107**	0.369	-0.104**	0	0
C16:1t	0	0	0	0	0	0	0.087**	-0.120**	-0.065**	-0.104**	0.722	0	0
C18:1t	0	0	0	0	0	0	0	0	-0.198**	0	0	0.213	0
C18:2t	0	0	0	0	0	0	0	0.003**	-0.074**	0	0	0	0.429

** indicates dietary intake-related covariances; * indicates biosynthesis-related covariances; Fatty acid residual variances are shown on the main diagonal.