

The Supplementary Information includes following items:

Figure S1. The spectra of TG 22:6/22:6/22:6 in (A) IDA and (B) SWATH; PC 18:0/20:5 in (C) IDA and (D) SWATH; PE 20:4/20:4 in (E) IDA and (F) SWATH.

Figure S2. Fragmentation principle of PUFA lipids. (A) TG 20:4/20:4/20:4; (B) TG 20:5/20:5/20:5; (C) TG 22:6/22:6/22:6; (D) PC 20:4/20:4; (E) PC 18:0/20:5; (F) PC 16:0/22:6; (G) PE 20:4/20:4; (H) PE 18:0/20:5; (I) PE 16:0/22:6.

Figure S3. OPLS-DA analysis.

Figure S4. The total relative content of PUFA lipids in the six milks.

Table S1. Identification of PUFA lipids.

Table S2. Distribution of PUFA lipids in six milk samples.

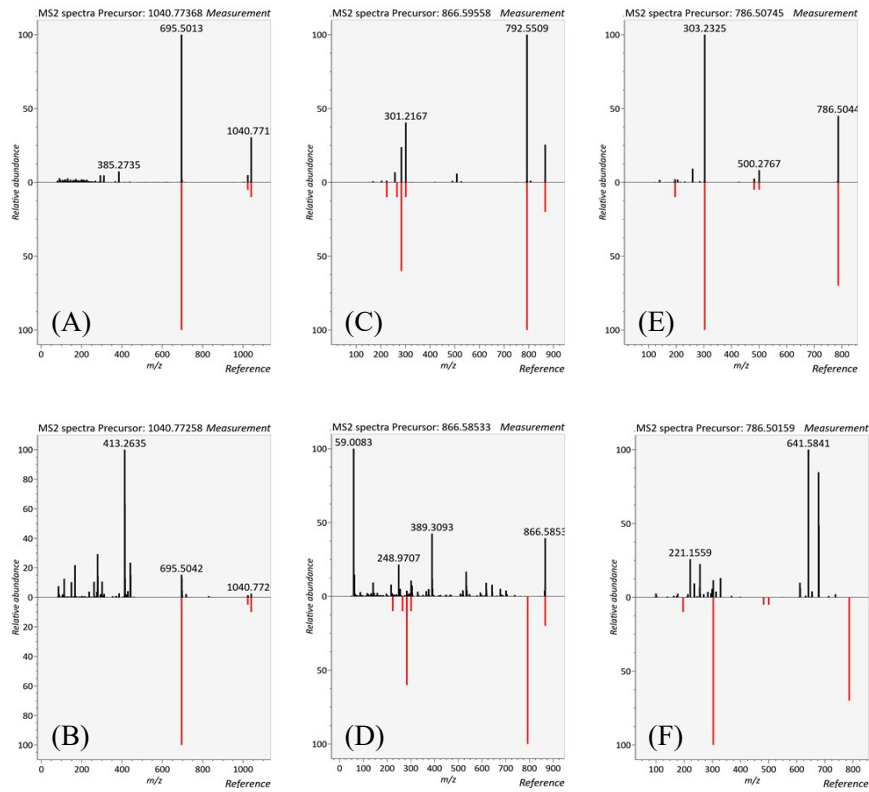


Figure S1. The spectra of TG 22:6/22:6/22:6 in (A) IDA and (B) SWATH; PC 18:0/20:5 in (C) IDA and (D) SWATH; PE 20:4/20:4 in (E) IDA and (F) SWATH.

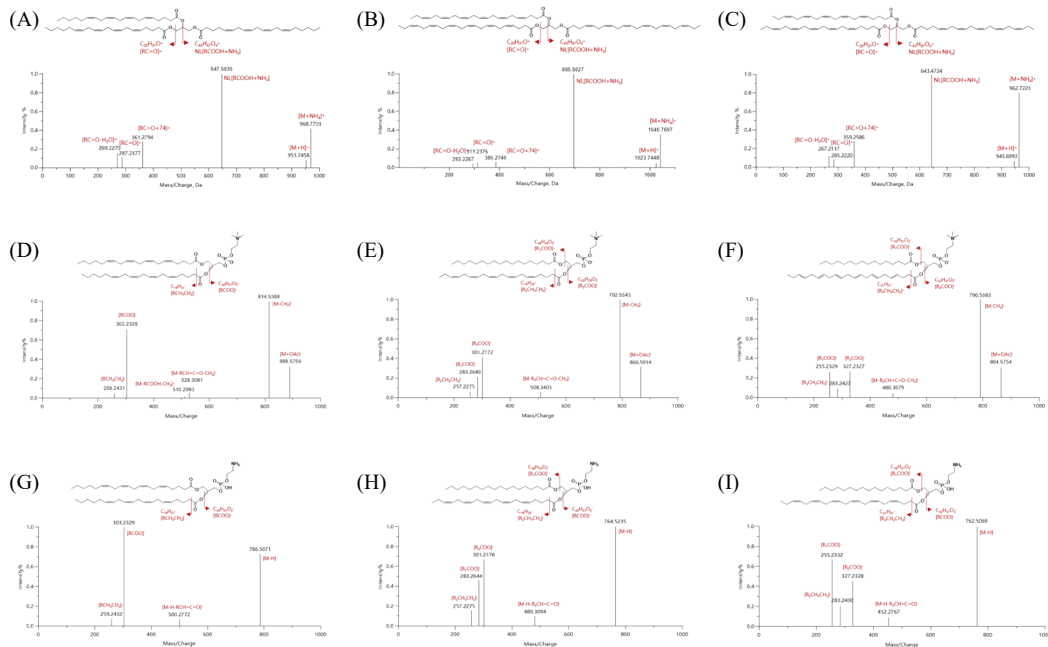


Figure S2. Fragmentation principle of PUFA lipids. (A) TG 20:4/20:4/20:4; (B) TG 20:5/20:5/20:5; (C) TG 22:6/22:6/22:6; (D) PC 20:4/20:4; (E) PC 18:0/20:5; (F) PC 16:0/22:6; (G) PE 20:4/20:4; (H) PE 18:0/20:5; (I) PE 16:0/22:6.

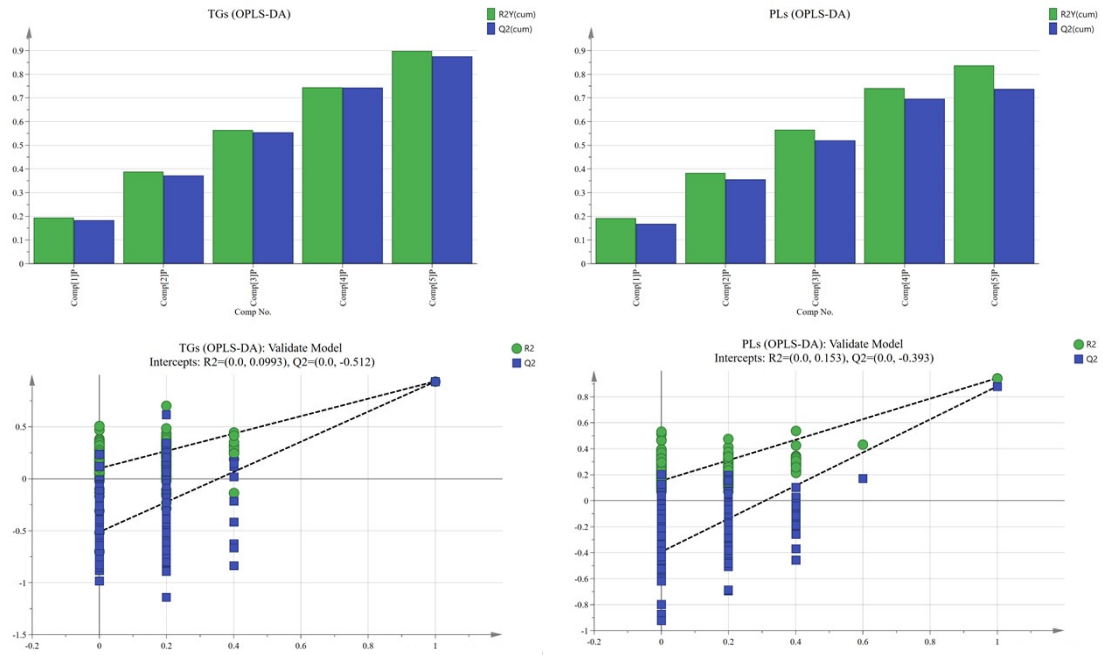


Figure S3. OPLS-DA analysis.

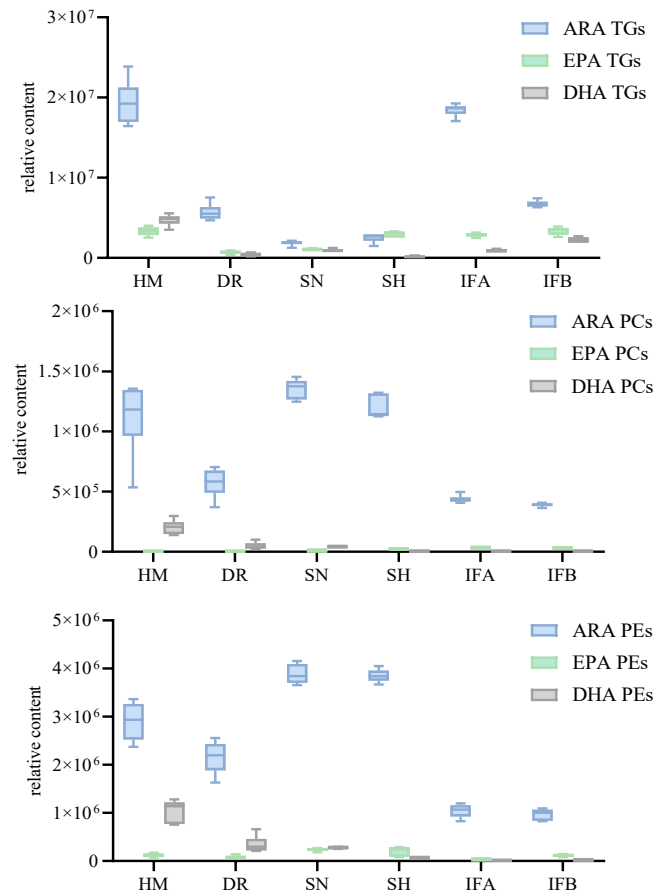


Figure S4. The total relative content of PUFA lipids in the six milks.

Table S1. Identification of PUFA lipids.

Class	m/z	Adduct ion	Retention time	Sum composition	Molecular lipid	Mass error
TG	732.6131	[M+NH <sub>4</sub> ] <sup>+</sup>	6.764	42:4	20:4/10:0/12:0 20:4/16:0/6:0	0.78
	756.6229	[M+NH <sub>4</sub> ] <sup>+</sup>	6.501	44:6	22:6/14:0/8:0	12.20
	758.6336	[M+NH <sub>4</sub> ] <sup>+</sup>	6.681	44:5	20:4/16:1/8:0	5.64
	760.6452	[M+NH <sub>4</sub> ] <sup>+</sup>	7.171	44:4	20:4/10:0/14:0 20:4/16:0/8:0 22:6/10:0/14:0	0.30
	784.6486	[M+NH <sub>4</sub> ] <sup>+</sup>	7.076	46:6	22:6/12:0/12:0 22:6/16:0/8:0	4.63
	786.6635	[M+NH <sub>4</sub> ] <sup>+</sup>	7.208	46:5	20:4/10:0/16:1 20:4/18:1/8:0	3.66
	788.6755	[M+NH <sub>4</sub> ] <sup>+</sup>	7.829	46:4	20:4/10:0/16:0 20:4/12:0/14:0 20:4/18:0/8:0	0.98
	812.6858	[M+NH <sub>4</sub> ] <sup>+</sup>	7.685	48:6	22:6/10:0/16:0 22:6/12:0/14:0	11.73
	814.6983	[M+NH <sub>4</sub> ] <sup>+</sup>	7.765	48:5	20:4/10:0/18:1 20:4/12:0/16:1 20:4/14:0/14:1	7.83
	816.7052	[M+NH <sub>4</sub> ] <sup>+</sup>	8.282	48:4	20:4/10:0/18:0 20:4/12:0/16:0 20:4/14:0/14:0	2.90

840.7038	[M+NH <sub>4</sub> ] <sup>+</sup>	7.995	50:6	20:4/12:0/18:2 20:5/12:0/18:1 22:6/12:0/16:0 22:6/14:0/14:0	4.48
842.7239	[M+NH <sub>4</sub> ] <sup>+</sup>	8.306	50:5	20:4/12:0/18:1 20:4/14:0/16:1 20:4/14:1/16:0	0.81
844.7381	[M+NH <sub>4</sub> ] <sup>+</sup>	8.622	50;4	20:4/12:0/18:0 20:4/14:0/16:0 20:4/15:0/15:0	0.91
858.7478	[M+NH <sub>4</sub> ] <sup>+</sup>	8.780	51:4	20:4/14:0/17:0 20:4/15:0/16:0	7.83
864.7136	[M+NH <sub>4</sub> ] <sup>+</sup>	7.791	52:8	22:6/12:0/18:2	6.97
866.7174	[M+NH <sub>4</sub> ] <sup>+</sup>	8.179	52:7	22:6/12:0/18:1 20:4/14:0/18:2	6.71
868.7464	[M+NH <sub>4</sub> ] <sup>+</sup>	8.357	52:6	20:4/16:1/16:1 20:5/16:0/16:1 22:6/14:0/16:0	4.06
870.7588	[M+NH <sub>4</sub> ] <sup>+</sup>	8.756	52:5	20:4/14:0/18:1 20:4/14:1/18:0 20:4/16:0/16:1	4.92
884.772	[M+NH <sub>4</sub> ] <sup>+</sup>	8.952	53:5	20:4/15:0/18:1 20:4/16:0/17:1	2.07
894.7564	[M+NH <sub>4</sub> ] <sup>+</sup>	8.408	54:7	20:5/16:1/18:1 20:5/17:1/17:1	2.10

				20:4/16:0/18:2	
896.7726	[M+NH <sub>4</sub> ] <sup>+</sup>	8.683	54:6	20:4/16:1/18:1	2.71
				20:5/16:0/18:1	
				22:6/16:0/16:0	
898.7727	[M+NH <sub>4</sub> ] <sup>+</sup>	9.110	54:5	20:4/16:0/18:1	14.60
				20:4/16:1/18:0	
900.8008	[M+NH <sub>4</sub> ] <sup>+</sup>	9.468	54:4	20:4/16:0/18:0	0.74
912.7155	[M+NH <sub>4</sub> ] <sup>+</sup>	7.353	56:12	22:6/12:0/22:6	8.69
912.8087	[M+NH <sub>4</sub> ] <sup>+</sup>	9.360	55:5	20:4/17:0/18:1	7.92
				20:4/16:0/20:4	
920.7671	[M+NH <sub>4</sub> ] <sup>+</sup>	8.708	56:8	20:4/18:1/18:3	3.33
				20:4/18:2/18:2	
				20:5/18:1/18:2	
				20:4/18:1/18:2	
922.7946	[M+NH <sub>4</sub> ] <sup>+</sup>	8.916	56:7	20:5/18:1/18:1	9.51
				22:6/16:0/18:1	
				20:4/16:0/20:2	
924.8026	[M+NH <sub>4</sub> ] <sup>+</sup>	9.298	56:6	20:4/18:0/18:2	1.22
				20:4/18:1/18:1	
				20:5/18:0/18:1	
926.8067	[M+NH <sub>4</sub> ] <sup>+</sup>	9.585	56:5	20:4/18:0/18:1	11.24
928.8339	[M+NH <sub>4</sub> ] <sup>+</sup>	9.942	56:4	20:4/16:0/20:0	1.22
				20:4/18:0/18:0	
940.7312	[M+NH <sub>4</sub> ] <sup>+</sup>	7.870	58:12	22:6/14:0/22:6	8.15
942.7691	[M+NH <sub>4</sub> ] <sup>+</sup>	8.062	58:11	20:4/18:3/20:4	15.47

	944.7787	[M+NH <sub>4</sub> ] <sup>+</sup>	8.385	58:10	20:4/18:2/20:4 22:6/18:2/18:2	9.03
	946.7848	[M+NH <sub>4</sub> ] <sup>+</sup>	8.812	58:9	20:4/18:1/20:4 22:6/18:1/18:2	1.08
	948.7922	[M+NH <sub>4</sub> ] <sup>+</sup>	9.210	58:8	20:4/18:0/20:4 22:6/18:0/18:2 22:6/18:1/18:1	9.77
	966.7501	[M+NH <sub>4</sub> ] <sup>+</sup>	7.889	60:13	22:6/16:1/22:6	4.57
	968.7799	[M+NH <sub>4</sub> ] <sup>+</sup>	8.221	60:12	20:4/20:4/20:4 22:6/16:0/22:6	10.04
	1040.7787	[M+NH <sub>4</sub> ] <sup>+</sup>	7.619	66:18	22:6/22:6/22:6	8.20
	812.5436	[M+OAc] <sup>-</sup>	4.295	34:4	20:4/14:0	1.37
	840.5768	[M+OAc] <sup>-</sup>	4.958	36:4	20:4/16:0	0.94
	862.5671	[M+OAc] <sup>-</sup>	4.980	38:7	20:4/18:3 20:4/18:2	7.81
	864.577	[M+OAc] <sup>-</sup>	4.530	38:6	20:5/18:1 22:6/16:0	1.15
PC	866.5918	[M+OAc] <sup>-</sup>	5.280	38:5	20:4/18:1 20:5/18:0	0.16
	868.6081	[M+OAc] <sup>-</sup>	5.576	38:4	20:4/18:0	0.91
	888.5789	[M+OAc] <sup>-</sup>	4.690	40:8	22:6/18:2 20:4/20:3	3.25
	890.5991	[M+OAc] <sup>-</sup>	4.749	40:7	22:6/18:1	8.35
	892.6064	[M+OAc] <sup>-</sup>	5.720	40:6	22:6/18:0	1.02
PE	708.4627	[M-H] <sup>-</sup>	3.890	34:5	20:5/14:0	2.43
	710.4766	[M-H] <sup>-</sup>	3.920	34:4	20:4/14:0	1.22

724.5018	[M-H] <sup>-</sup>	4.920	35:4	20:4/15:0	13.14
736.4921	[M-H] <sup>-</sup>	3.950	36:5	20:4/16:1	0.24
738.5074	[M-H] <sup>-</sup>	4.460	36:4	20:5/16:0	0.72
750.5156	[M-H] <sup>-</sup>	5.270	37:5	20:4/16:0	10.22
752.5246	[M-H] <sup>-</sup>	5.340	37:4	20:4/17:1	1.36
				20:4/17:0	
				20:4/18:2	
762.5094	[M-H] <sup>-</sup>	4.302	38:6	20:5/18:1	1.93
				22:6/16:0	
764.5243	[M-H] <sup>-</sup>	4.540	38:5	20:4/18:1	0.94
766.54	[M-H] <sup>-</sup>	5.008	38:4	20:4/18:0	1.00
				20:4/20:4	
786.5097	[M-H] <sup>-</sup>	4.010	40:8	22:6/18:2	2.25
				20:4/20:3	
788.5244	[M-H] <sup>-</sup>	4.342	40:7	22:6/18:1	1.04
				22:6/18:0	
790.5404	[M-H] <sup>-</sup>	4.840	40:6	22:6/18:0	1.48
792.5556	[M-H] <sup>-</sup>	5.020	40:5	20:4/20:1	0.91

Table S2. Distribution of PUFA lipids in six milk samples.

Class	Molecular lipid	Formula	MS2 Formula	HM (%)	DR (%)	SN (%)	SH (%)	IFA (%)	IFB (%)	VIP
TG	20:4/10:0/12:0	C45H78O6	C35H59O4		0.02±0.01	0.05±0.01				0.6417
	20:4/10:0/14:0	C47H82O6	C33H55O4		0.24±0.05	0.44±0.06				0.5624
	20:4/10:0/16:0	C49H86O6	C33H55O4		0.7±0.12		1±0.14			0.1334
	20:4/10:0/16:1	C49H84O6	C33H55O4		0.22±0.05	0.43±0.06	0.09±0.01			1.0153



20:4/10:0/18:0	C51H90O6	C33H55O4		0.07±0.06	0.11±0.06	0.93±0.29			1.4574
20:4/10:0/18:1	C51H88O6	C33H55O4	0.15±0.05	0.7±0.12	0.27±0.03	1±0.14			0.3641
20:4/12:0/14:0	C49H86O6	C35H59O4				0.14±0.03			1.5763
20:4/12:0/16:0	C51H90O6	C35H59O4		0.49±0.11	1±0.07	0.95±0.34			1.3566
20:4/12:0/16:1	C51H88O6	C35H59O4		0.13±0.07		0.11±0.03			0.2066
20:4/12:0/18:0	C53H94O6	C35H59O4	0.11±0.01	0.26±0.22		0.59±0.56			1.4169
20:4/12:0/18:1	C53H92O6	C35H59O4	0.13±0.05	0.49±0.11	1±0.07	1.11±0.07			1.1171
20:4/12:0/18:2	C53H90O6	C33H59O4	13.86±3.64			16.4±7.32			0.1097
20:4/14:0/14:0	C51H90O6	C37H63O4		0.15±0.03	0.23±0.03	0.22±0.01			1.3356
20:4/14:0/14:1	C51H88O6	C37H61O4	0.05±0.03			0.05±0.04			0.1415
20:4/14:0/16:0	C53H94O6	C37H63O4	0.4±0.07	0.31±0.21		0.11±0.06			2.1111
20:4/14:0/16:1	C53H92O6	C37H63O4	0.07±0.03	0.1±0.03	0.27±0.03	0.21±0.01			0.8205
20:4/14:0/17:0	C54H96O6	C40H69O4				0.05±0.04			1.4009
20:4/14:0/18:1	C55H96O6	C41H69O4	0.58±0.22	0.51±0.19	0.77±0.14	0.68±0.12	0.12±0.02	0.13±0.03	0.4594
20:4/14:0/18:2	C55H94O6	C37H63O4	0.66±0.2	0.15±0.06					2.2843
20:4/14:1/16:0	C53H92O6	C39H67O4	4.53±1.42	0.19±0.04	0.5±0.17	0.95±0.38			0.3501
20:4/14:1/18:0	C55H96O6	C41H71O4				0.14±0.02			1.5777
20:4/15:0/15:0	C53H94O6	C38H65O4		0.03±0.01		0.02±0.01			0.3594
20:4/15:0/16:0	C54H96O6	C38H65O4				0.7±0.1			1.5703
20:4/15:0/18:1	C56H98O6	C41H69O4		0.97±0.87	0.82±0.15	0.68±0.12			1.0901
20:4/16:0/16:1	C55H96O6	C39H67O4	10.9±1.89	1.93±0.7	1.58±0.31	1.17±0.21	75.2±2.47	35.86±2.64	0.7725
20:4/16:0/17:1	C56H98O6	C40H67O4		0.17±0.03	0.19±0.02	0.21±0.07			1.0939
20:4/16:0/18:0	C57H102O6	C37H71O4	8.99±1.55	7.85±2.44	3.11±1.12	3.44±0.78			1.2653
20:4/16:0/18:1	C57H100O6	C41H69O4	1.96±0.38	2.33±0.8	3.21±0.36	3.59±0.29		0.59±0.22	0.3744
20:4/16:0/18:2	C57H98O6	C41H67O4	0.3±0.06	0.8±0.44	0.79±0.31			0.3±0.1	0.8862
20:4/16:0/20:0	C59H106O6	C43H75O4	0.09±0.02		0.2±0.03				0.6400

20:4/16:0/20:2	C59H102O6	C43H71O4	0.49±0.12	0.44±0.16	0.65±0.08	0.44±0.05		0.03±0.002	0.0303
20:4/16:0/20:4	C59H98O6	C43H67O4	0.33±0.07	0.04±0.03			0.02±0.002	0.26±0.02	1.4709
20:4/16:0/6:0	C45H78O6	C29H47O4		0.78±0.34	0.42±0.02				0.2216
20:4/16:0/8:0	C47H82O6	C31H51O4		1.09±0.3	1.67±0.13	0.94±0.06			1.1811
20:4/16:1/16:1	C55H94O6	C39H65O4	2.38±0.44	0.34±0.30					2.0324
20:4/16:1/18:0	C57H100O6	C41H71O4	0.92±0.33	0.47±0.18		2.62±0.29		0.07±0.003	1.0066
20:4/16:1/18:1	C57H98O6	C41H69O4	0.58±0.21		0.87±0.13		0.09±0.06	0.13±0.03	0.5837
20:4/16:1/8:0	C47H80O6	C27H49O4		1.2±0.32	2.8±0.2	1.16±0.09	0.06±0.003		1.1288
20:4/17:0/18:1	C58H102O6	C38H71O4		0.23±0.06	0.2±0.03	0.3±0.03			0.9861
20:4/18:0/18:0	C59H106O6	C41H71O4	0.17±0.03		0.47±0.11			0.42±0.02	0.9691
20:4/18:0/18:1	C59H104O6	C39H73O4	4.17±0.73	43.08±5.6	6.64±1.74		3.7±0.89	7.09±0.37	1.9347
20:4/18:0/18:2	C59H102O6	C41H67O4	0.22±0.06	0.64±0.3	0.46±0.21	0.05±0.03		0.94±0.4	0.3655
20:4/18:0/20:4	C61H102O6	C41H71O4	0.92±0.33				0.87±0.02	2.14±0.1	0.3341
20:4/18:0/8:0	C49H86O6	C31H51O4		0.85±0.12		0.5±0.13			0.4844
20:4/18:1/18:1	C59H102O6	C41H69O4	1.96±0.38	2.38±0.83	3.21±0.36	3.58±0.28		0.26±0.03	0.2364
20:4/18:1/18:2	C59H100O6	C39H69O4	14.24±1.63	12.11±6.47	15.58±6.9				1.0544
20:4/18:1/18:3	C59H98O6	C41H65O4	0.39±0.11				0.92±0.19	0.72±0.16	0.3633
20:4/18:1/20:4	C61H100O6	C41H69O4	0.56±0.21				0.13±0.02	0.76±0.02	0.5640
20:4/18:1/8:0	C49H84O6	C41H69O4		0.2±0.07	0.38±0.05	0.13±0.02			1.2089
20:4/18:2/18:2	C59H98O6	C41H67O4	0.3±0.06	0.39±0.36					2.4860
20:4/18:2/20:4	C61H98O6	C41H67O4	0.24±0.13				0.89±0.05	3.01±0.23	0.2951
20:4/18:3/20:4	C61H96O6	C41H65O4						0.39±0.09	0.8668
20:4/20:4/20:4	C63H98O6	C43H67O4					0.85±0.06	1.34±0.14	0.4091
20:5/12:0/18:1	C53H90O6	C33H61O4	0.83±0.58	0.37±0.16	0.37±0.3	14.81±1.32	0.29±0.02		0.0215
20:5/16:0/16:1	C55H94O6	C35H65O4	0.03±0.01	0.2±0.19	17.73±1.32	6.12±1.21	2.28±0.82		1.5908
20:5/16:0/18:1	C57H98O6	C37H69O4	0.4±0.15	5.69±2.2	5.65±0.97	28.14±4.03	1.17±0.36	0.95±0.18	1.0820

20:5/16:1/18:1	C57H96O6	C41H67O4	0.09±0.05	0.05±0.04		0.02±0.004	0.89±0.05	2.83±1.28	0.8274
20:5/17:1/17:1	C57H96O6	C40H65O4					0.01±0.001	0.01±0.004	0.2466
20:5/18:0/18:1	C59H102O6	C39H73O4		1.65±1.34		4±0.86		6.93±3.98	0.4637
20:5/18:1/18:1	C59H100O6	C39H71O4	5.95±0.66	2.67±1.19	4.01±0.69		0.42±0.13	1.18±0.53	1.3173
20:5/18:1/18:2	C59H98O6	C39H69O4	4.77±0.85				7.9±0.25	15.48±0.63	0.2197
22:6/10:0/14:0	C49H82O6	C35H55O4						0.15±0.02	0.8768
22:6/10:0/16:0	C51H86O6	C35H55O4	0.09±0.02		0.06±0.03			0.14±0.02	0.4885
22:6/12:0/12:0	C49H82O6	C37H59O4						0.07±0.01	0.8783
22:6/12:0/14:0	C51H86O6	C37H59O4	0.04±0.01					0.45±0.07	0.2136
22:6/12:0/16:0	C53H90O6	C37H59O4						0.39±0.05	0.8845
22:6/12:0/18:1	C55H92O6	C33H61O4	0.3±0.08					0.69±0.07	0.0337
22:6/12:0/18:2	C55H90O6	C33H59O4	0.14±0.04						0.6019
22:6/12:0/22:6	C59H90O6	C37H59O4						1.22±0.18	0.8826
22:6/14:0/14:0	C53H90O6	C39H63O4						0.47±0.06	0.8861
22:6/14:0/16:0	C55H94O6	C33H63O4	0.03±0.01		1.25±0.58		0.21±0.03		0.9747
22:6/14:0/22:6	C61H94O6	C39H63O4						9.57±1.1	0.8839
22:6/14:0/8:0	C47H78O6	C25H47O4						0.29±0.04	0.8774
22:6/16:0/16:0	C57H98O6	C35H67O4	0.12±0.03	0.24±0.1		2.65±1.77	1.08±0.62	0.23±0.13	0.4393
22:6/16:0/18:1	C59H100O6	C37H69O4	8.94±1.23	6.08±2.12	22.61±4.35		1.43±0.36	0.18±0.1	1.0537
22:6/16:0/22:6	C63H98O6	C41H67O4					0.96±0.06		0.2763
22:6/16:0/8:0	C49H82O6	C41H67O4						0.03±0.01	0.8790
22:6/16:1/22:6	C63H96O6	C41H65O4						0.42±0.07	0.8788
22:6/18:0/18:2	C61H102O6	C43H71O4	0.43±0.21					0.03±0.002	0.9442
22:6/18:1/18:1	C61H102O6	C43H69O4	0.3±0.12					0.09±0.01	0.7525
22:6/18:1/18:2	C61H100O6	C39H69O4	4.64±0.79					1.22±0.49	0.7938
22:6/18:2/18:2	C61H98O6	C39H67O4	2.25±0.54					1.14±0.18	0.6334

22:6/22:6/22:6      C69H98O6      C47H67O4      0.51±0.03      1.4±0.11      0.4688

Class	Molecular lipid	Formula	MS2 Formula	HM (%)	DR (%)	SN (%)	SH (%)	IFA (%)	IFB (%)	VIP
	PC20:4/14:0	C42H76O8NP	C20H31O2	6.03±2.33	17.29±4.5	14.81±1.07	20.69±0.59	3.57±0.16	3.83±0.52	0.9388
	PC20:4/16:0	C44H80O8NP	C20H31O2	55.9±7.18	43.37±8.38	49.32±2.69	44.86±3.16	38.44±6.06	44.22±2.95	0.9356
	PC20:4/18:0	C46H84O8NP	C20H31O2	8.48±0.36	8.59±2.51	5.7±2.7	7.46±0.22	17.62±0.71	12.54±0.64	0.0014
	PC20:4/18:1	C46H82O8NP	C20H31O2	9.31±0.45	5.03±1.58	7.52±0.31	7.72±0.42	15.42±0.52	10.83±0.41	0.8441
	PC20:4/18:2	C46H80O8NP	C20H31O2	2.09±0.14	8.97±1.77	9.2±0.41	8.4±0.51	6.88±0.57	6.68±0.25	1.4421
	PC20:4/18:3	C46H78O8NP	C20H31O2	1.49±0.18	4.82±1.74	5.13±1	4.06±0.55	5.52±0.82	7.16±0.72	1.2737
	PC20:4/20:3	C48H82O8NP	C20H31O2	1.18±0.05	4.11±0.91	4.59±0.59	4.85±3.79	5.3±0.59	7.25±0.43	1.2096
	PC20:5/18:0	C46H82O8NP	C20H29O2			0.7±0.07	0.82±0.17	3.11±0.13	3.15±0.24	1.2802
	PC20:5/18:1	C46H80O8NP	C20H29O2				1.14±0.35	4.14±0.36	4.34±0.63	0.4129
	PC22:6/16:0	C46H80O8NP	C22H31O2	2.71±0.34		0.59±0.07				0.1617
	PC22:6/18:0	C48H84O8NP	C22H31O2	5.61±0.52						1.0810
	PC22:6/18:1	C48H82O8NP	C22H31O2	4.13±0.17	4.05±2.05	1.41±0.07				1.4198
	PC22:6/18:2	C48H80O8NP	C22H31O2	3.07±0.44	3.77±2.24	1.03±0.16				1.5160
	PE20:4/14:0	C39H70O8NP	C20H31O2		2.01±1.33			1.05±0.12	0.7±0.04	1.1839
	PE20:4/15:0	C40H72O8NP	C20H31O2	0.59±0.09	1.23±0.9	0.99±0.04	0.49±0.01	1±0.03	0.92±0.03	0.4717
	PE20:4/16:0	C41H74O8NP	C20H31O2	7.58±1.05	20.29±2.84	20.97±0.74	27.08±0.48	18.65±0.71	16.15±0.72	1.1684
PL	PE20:4/16:1	C41H72O8NP	C20H31O2	0.16±0.03	2.74±1.09	3.56±0.16	5.89±0.12	1.07±0.11	0.8±0.04	1.2408
	PE20:4/17:0	C42H76O8NP	C20H31O2	0.42±0.03	0.54±0.11	0.28±0.01	0.88±0.02	1.37±0.29	1.33±0.25	0.1624
	PE20:4/17:1	C42H74O8NP	C20H31O2	0.32±0.03	1.12±0.11	0.2±0.04	0.43±0.1	2.76±0.51	0.44±0.03	1.0497
	PE20:4/18:0	C43H78O8NP	C20H31O2	26.35±1.5	14.93±2.84	17.9±1.28	16.53±0.38	20.4±1.34	20.34±0.69	0.4996

PE20:4/18:1	C43H76O8NP	C20H31O2	13.23±1.89	23.09±3.03	22.34±0.56	20.67±0.45	20.48±2.41	20.42±0.59	1.0438
PE20:4/18:2	C43H74O8NP	C20H31O2	2.08±0.87	4.72±1.58	6.69±0.95	7.84±1.66	14.13±3.2	14.4±3.95	1.2226
PE20:4/20:1	C45H80O8NP	C20H31O2	17.33±7.42	9.44±1.29	13.49±0.79	12.61±1.1	12.84±6.64	9.6±7.98	0.4092
PE20:4/20:3	C45H76O8NP	C20H31O2	1.52±0.62	3.14±1.31	0.47±0.04	0.61±0.02	1.55±0.08	1.52±0.3	1.6500
PE20:4/20:4	C45H74O8NP	C20H31O2	1.84±0.7		1.37±0.61	0.29±0.02	1.54±0.06	1.27±0.12	0.7949
PE20:5/14:0	C39H68O8NP	C20H29O2		1.06±0.38	1.68±0.13	0.35±0.03	2.68±0.09	4.16±1.62	0.9078
PE20:5/16:0	C41H72O8NP	C20H29O2	2.53±1.01	0.62±0.18	1.1±0.59	1.21±0.06	0.48±0.07	1.21±0.54	0.2688
PE20:5/18:1	C43H74O8NP	C20H29O2	0.3±0.14	1.68±0.62	2.63±0.15	3.56±2.15		5.26±1.94	1.1235
PE22:6/16:0	C43H74O8NP	C22H31O2	3.92±0.97	4.98±2.27	2.4±0.1	0.48±0.04		0.68±0.07	0.5183
PE22:6/18:0	C45H78O8NP	C22H31O2	16.34±3.62	2.23±0.98	1.09±0.07	0.18±0.01			0.9830
PE22:6/18:1	C45H76O8NP	C22H31O2	5.08±1.12	5.92±2.47	2.84±0.17	0.58±0.01		0.8±0.03	0.5703
PE22:6/18:2	C45H74O8NP	C22H31O2	0.41±0.15	0.26±0.17		0.32±0.13			1.1471