Supplementary Table S1

Molecular species identified by mass accuracy HILIC−LC−MS and characterized by MS/MS analyses in *Tursiops truncatus* plasma
C represents the total number of carbon atoms and N the total number of double bonds on the fatty acyl chains.

Lipid species (C:N)	Calculated *m/z*	Observed *m/z*	Error (ppm)	Fatty acyl chains (C:N)	Formula
			LPC identified as $[M + CH_3COO]^-$		
LPC(O-14:0)	512.3352	512.3356	0.7183	*a*	C24H51NO8P
LPC(14:1)	524.2988	524.2994	1.0547	*b*	C24H47NO9P
LPC(14:0)	526.3145	526.3144	-0.1843	(14:0)	C24H49NO9P
LPC(15:1)	538.3145	538.3150	0.9344	(15:1)	C25H49NO9P
LPC(P-16:0)/LPC(O-16:1)	538.3509	538.3517	1.5195	(P-16:0)	C26H53NO8P
LPC(15:0)	540.3301	540.3314	2.3190	(15:0)	C25H51NO9P
LPC(O-16:0)	540.3665	540.3671	1.0511	*b*	C26H55NO8P
LPC(16:1)	552.3301	552.3313	2.0875	(16:1)	C26H51NO9P
LPC(16:0)	554.3458	554.3470	2.1719	(16:0)	C26H53NO9P
LPC(17:2)	564.3301	564.3309	1.3343	(17:2)	C27H51NO9P
LPC(17:1)	566.3458	566.3471	2.3007	(17:1)	C27H53NO9P
LPC(P-18:0)/LPC(O-18:1)	566.3822	566.3825	0.5615	*b*	C28H57NO8P
LPC(17:0)	568.3614	568.3627	2.2046	(17:0)	C27H55NO9P
LPC(O-18:0)	568.3978	568.3981	0.4715	*b*	C28H59NO8P
LPC(18:4)	574.3145	574.3154	1.5723	(18:4)	C28H49NO9P
LPC(18:3)	576.3301	576.3309	1.3065	(18:3)	C28H51NO9P
LPC(18:2)	578.3458	578.3466	1.3902	(18:2)	C28H53NO9P
LPC(18:1)	580.3614	580.3621	1.1252	(18:1)	C28H55NO9P
LPC(18:0)	582.3771	582.3779	1.3788	(18:0)	C28H57NO9P
LPC(19:2)	592.3614	592.3622	1.2712	(19:2)	C29H55NO9P
LPC(19:1)	594.3771	594.3777	1.0145	(19:1)	C29H57NO9P
LPC(P-20:0)/LPE(O-20:1)	594.4135	594.4144	1.5444	*b*	C30H61NO8P
LPC(O-20:0)	596.4291	596.4291	-0.0537	*b*	C30H63NO8P
LPC(20:5)	600.3301	600.3313	1.9206	(20:5)	C30H51NO9P
LPC(20:4)	602.3458	602.3465	1.1688	(20:4)	C30H53NO9P
LPC(20:3)	604.3614	604.3615	0.0877	*a*	C30H55NO9P
LPC(20:2)	606.3771	606.3772	0.1699	(20:2)	C30H57NO9P
LPC(20:1)	608.3927	608.3944	2.7170	(20:1)	C30H59NO9P
LPC(20:0)	610.4084	610.4083	-0.1589	(20:0)	C30H61NO9P
LPC(21:1)	622.4084	622.4092	1.2901	(21:1)	C31H61NO9P
LPC(P-22:0)/LPC(O-22:1)	622.4448	622.4452	0.6715	*a*	C32H65NO8P
LPC(21:0)	624.4240	624.4244	0.5653	*a*	C31H63NO9P
LPC(22:6)	626.3458	626.3474	2.5609	(22:6)	C32H53NO9P
LPC(22:5)	628.3614	628.3618	0.5618	(22:5)	C32H55NO9P
LPC(22:4)	630.3771	630.3771	0.0048	*a*	C32H57NO9P
LPC(22:2)	634.4084	634.4084	0.0047	(22:2)	C32H61NO9P
LPC(22:1)	636.4240	636.4246	0.8705	(22:1)	C32H63NO9P
LPC(24:6)	654.3771	654.3776	0.7687	(24:6)	C34H57NO9P
LPC(24:5)	656.3927	656.3936	1.2995	(24:5)	C34H59NO9P
LPC(24:2)	662.4397	662.4410	1.9670	(24:2)	C34H65NO9P
LPC(24:1)	664.4553	664.4560	0.9828	(24:1)	C34H67NO9P

LPC(24:0)	666.4710	666.4709	-0.1455	*a*	C34H69NO9P
				PC identified as $[M + CH_3COO]^-$	
PC(P-28:0)/PC(O-28:1)	720.5179	720.5186	0.9063	(P-14:0/14:0), (O-14:1/14:0)	C38H75NO9P
PC(O-28:0)	722.5336	722.5338	0.2810	*b*	C38H77NO9P
PC(P-30:1)/PC(O-30:2)	746.5336	746.5336	0.0040	(P-14:0/16:1), (P-16:1/14:0), (O-14:1/16:1)	C40H77NO9P
PC(29:1)	748.5129	748.5128	-0.0828	(14:0_15:1)	C39H75NO10P
PC(P-30:0)/PC(O-30:1)	748.5492	748.5504	1.5403	(P-14:0/16:0), (P-16:0/14:0), (O-14:0/16:1), (O-14:1/16:0), (O-16:1/14:0)	C40H79NO9P
PC(29:0)	750.5285	750.5291	0.7834	(14:0/15:0)	C39H77NO10P
PC(O-30:0)	750.5649	750.565	0.1386	(O-14:0/16:0), (O-16:0/14:0)	C40H81NO9P
PC(30:1)	762.5285	762.5275	-1.3272	**(14:0/16:1)**, (16:0/14:1)	C40H77NO10P
PC(30:0)	764.5442	764.5445	0.4421	(14:0_16:0)	C40H79NO10P
PC(P-32:2)/PC(O-32:3)	772.5492	772.5497	0.5877	*b*	C42H79NO9P
PC(31:2)	774.5285	774.5296	1.4047	(14:1/16:1)	C41H77NO10P
PC(P-32:1)/PC(O-32:2)	774.5649	774.5665	2.0708	(P-14:0/18:1), (P-16:0/16:1), (P-16:1/16:0), (P-18:1/14:0), (O-14:1/18:1), (O-16:1/16:1)	C42H81NO9P
PC(31:1)	776.5442	776.5448	0.8229	(14:0_17:1), (15:0_16:1), **(15:1_16:0)**	C41H79NO10P
PC(P-32:0)/ PC(O-32:1)	776.5805	776.5813	0.9696	(P-14:0/18:0), (P-16:0/16:0), (P-18:0/14:0), (O-14:0/18:1), (O-14:1/18:0), (O-16:0/16:1), (O-16:1/16:0), (O-18:1/14:0)	C42H83NO9P
PC(31:0)	778.5598	778.5599	0.1130	(14:0_17:0), **(15:0/16:0)**	C41H81NO10P
PC(O-32:0)	778.5962	778.5956	-0.7668	(O-16:0/16:0), (O-18:0/14:0)	C42H85NO9P
PC(32:2)	788.5442	788.5448	0.8091	(14:0_18:2), (14:1/18:1), (16:0_16:2)**, (16:1/16:1)**	C42H79NO10P
PC(32:1)	790.5598	790.5604	0.7450	*b*	C42H81NO10P
PC(32:0)	792.5755	792.575	-0.5829	(14:0/18:0), **(16:0/16:0)**	C42H83NO10P
PC(P-34:4)/PC(O-34:5)	796.5492	796.5495	0.3176	*b*	C44H79NO9P
PC(33:4)	798.5285	798.5282	-0.3907	*b*	C43H77NO10P
PC(P-34:3)/PC(O-34:4)	798.5649	798.5648	-0.1215	*b*	C44H81NO9P
PC(33:3)	800.5442	800.5443	0.1736	(15:0/18:3), (16:1_17:2), (16:2_17:1)	C43H79NO10P
PC(P-34:2)/PC(O-34:3)	800.5805	800.5804	-0.1836	(P-16:0/18:2), (P-16:1/18:1), (P-18:0/16:2), (P-18:1/16:1), (P-18:2/16:0), (O-16:0/18:3), (O-16:1/18:2), (O-16:2/18:1), (O-18:1/16:2), (O-18:2/16:1)	C44H83NO9P
PC(33:2)	802.5598	802.5607	1.1065	(15:0_18:2), (16:2_17:1), **(16:1_17:2)**	C43H81NO10P
PC(P-34:1)/PC(O-34:2)	802.5962	802.5979	2.1219	(P-14:0/20:1), (P-16:0/18:1), (P-18:1/16:0), (P-18:0/16:1), (O-16:0/18:2), (O-16:1/18:1), (O-18:0/16:2), (O-18:1/16:1), (O-18:2/16:0)	C44H85NO9P
PC(33:1)	804.5755	804.5754	-0.0771	(15:0_18:1), **(15:1/18:1)**, (16:0_17:1), (17:0/16:1)	C43H83NO10P
PC(P-34:0)/PC(O-34:1)	804.6118	804.613	1.4330	(P-16:0/18:0), (P-18:0/16:0), (O-14:0/20:1), (O-16:0/18:1), (O-16:1/18:0), (O-18:0/16:1), (O-18:1/16:0)	C44H87NO9P
PC(33:0)	806.5911	806.5915	0.4810	(15:0_18:0), **(16:0_17:0)**	C43H85NO10P
PC(O-34:0)	806.6275	806.6261	-1.7307	(O-20:0/14:0)	C44H89NO9P
PC(34:5)	810.5285	810.5284	-0.1382	**(14:0/20:5)**, (14:1_20:4), (16:1_18:4)	C44H77NO10P
PC(34:4)	812.5442	812.5447	0.6621	(14:0/20:4), **(16:0_18:4)**, (16:1_18:3)	C44H79NO10P
PC(34:3)	814.5598	814.5607	1.0914	(14:0_20:3), (16:0_18:3), (16:1_18:2), (16:2_18:1), (16:3_18:0)	C44H81NO10P
PC(34:2)	816.5755	816.5761	0.7813	(16:0_18:2), **(16:1/18:1)**, (16:2_18:2)	C44H83NO10P
PC(34:1)	818.5911	818.5915	0.4740	(14:0_20:1), **(16:0/18:1)**, **(16:2_18:0)**	C44H85NO10P
PC(P-36:6)/PC(O-36:7)	820.5492	820.548	-1.5185	(P-14:0/22:6)	C46H79NO9P
PC(35:6)	822.5285	822.5288	0.3501	(15:1/20:5)	C45H77NO10P
PC(P-36:5)/PC(O-36:6)	822.5649	822.5662	1.5841	(P-14:0/22:5), (P-16:0/20:5), (O-14:0/22:6), (O-16:1/20:5)	C46H81NO9P
PC(35:5)	824.5442	824.5445	0.4111	(15:0_20:5), **(15:1/20:4)**	C45H79NO10P
PC(P-36:4)/ PC(O-36:5)	824.5805	824.5819	1.6408	(P-16:0/20:4), (O-16:0/20:5), (O-16:1/20:4)	C46H83NO9P
PC(35:4)	826.5598	826.5599	0.1065	(15:0_20:4), (15:1_20:3), (17:1_18:3)	C45H81NO10P
PC(P-36:3)/ PC(O-36:4)	826.5962	826.596	-0.2383	(P-16:0/20:3), (P-18:1/18:2), (P-18:2/18:1), (O-16:0/20:4), (O-16:1/20:3), (O-18:2/18:2)	C46H85NO9P
PC(35:3)	828.5755	828.5764	1.1321	(15:0_20:3), (17:0_18:3), (17:1/18:2), **(17:2/18:1)**	C45H83NO10P
PC(P-36:2)/ PC(O-36:3)	828.6118	828.6114	-0.5395	(P-16:0/20:3), (P-18:0/18:2), (P-18:1/18:1), (O-16:0/20:3), (O-18:0/18:3), (O-18:1/18:2), (O-18:2/18:1)	C46H87NO9P
PC(35:2)	830.5911	830.5916	0.5875	(16:1_19:1), (17:0_18:2), **(17:1_18:1)**, (17:2_18:0)	C45H85NO10P

PC(P-36:1)/ PC(O-36:2)	830.6275	830.6281	0.7272	(P-14:0/22:1), (P-16:0/20:1), (P-18:0/18:1), (P-18:1/18:0), (P-20:0/16:1), (P-20:1/16:0), (O-16:1/20:1), (O-18:1/18:1), (P-20:1/16:1), (O-20:2/16:0)	C46H89NO9P
PC(35:1)	832.6068	832.607	0.2858	(16:0_19:1), (17:0_18:1), (17:1_18:0), **(17:2_18:1)**	C45H87NO10P
PC(P-36:0)/ PC(O-36:1)	832.6431	832.6431	-0.0564	(P-18:0/18:0), (P-20:0/16:0), (O-14:0/22:1), (O-16:0/20:1), (O-18:0/18:1), (O-18:1/18:0), (O-20:0/16:1), (O-20:1/16:0)	C46H91NO9P
PC(36:7)	834.5285	834.5289	0.4649	**(14:1/22:6)**, (16:1_20:5)	C46H77NO10P
PC(35:0)	834.6224	834.6218	-0.7321	(16:0/19:0)	C45H89NO10P
PC(36:6)	836.5442	836.5449	0.8822	(14:0_22:6), (14:1_22:5), (16:1/20:5), (16:2_20:4),	C46H79NO10P
PC(36:5)	838.5598	838.5614	1.8949	**(16:0/20:5)**, (16:1_20:4)	C46H81NO10P
PC(36:4)	840.5755	840.5753	-0.1927	*b*	C46H83NO10P
PC(36:3)	842.5911	842.5898	-1.5571	(16:0/20:3), (16:1_20:2), (18:0/18:3), **(18:1/18:2)**	C46H85NO10P
PC(36:2)	844.6068	844.6073	0.6370	(16:0_20:2), (16:1_20:1), (18:0_18:2), **(18:1/18:1)**	C46H87NO10P
PC(36:1)	846.6224	846.6227	0.3402	(14:0_22:1), (16:0_20:1), (16:1_20:0),**(18:0/18:1)**	C46H89NO10P
PC(P-38:6)/PC(O-38:7)	848.5805	848.5808	0.2981	(P-16:0/22:6), (P-18:1/20:5), (P-18:2/20:4), (O-18:2/20:5), (O-18:3/20:4)	C48H83NO9P
PC(37:6)	850.5598	850.5609	1.2792	(17:1/20:5)	C47H81NO10P
PC(P-38:5)/PC(O-38:6)	850.5962	850.5965	0.3562	(P-16:0/22:5), (P-18:0/20:5), (P-18:1/20:4), (O-16:0/22:6), (O-16:1/22:5), (O-18:1/20:5), (O-18:2/20:4)	C48H85NO9P
PC(37:5)	852.5755	852.5761	0.7483	(15:0_22:5), (17:0/20:5), (17:1/20:4)	C47H83NO10P
PC(P-38:4)/PC(O-38:5)	852.6118	852.6116	-0.2897	(P-16:0/22:4), (P-18:0/20:4), (O-16:0/22:5), (O-16:1/22:4), (O-18:0/20:5), (O-18:1/20:4)	C48H87NO9P
PC(37:4)	854.5911	854.5915	0.4540	**(17:0/20:4)**, (17:1_20:3)	C47H85NO10P
PC(P-38:3)/PC(O-38:4)	854.6275	854.6271	-0.4634	(P-18:0/20:3), (O-16:0/22:4), (O-16:1/22:3), (O-18:0/20:4), (O-18:1/20:3)	C48H89NO9P
PC(37:3)	856.6068	856.6062	-0.6561	(17:0/20:3), (17:1_20:2), (18:2_19:1)	C47H87NO10P
PC(37:2)	858.6224	858.6218	-0.7116	(17:0_20:2), (17:1/20:1), (18:2_19:0), **(18:1_19:1)**	C47H89NO10P
PC(P-38:1)/PC(O-38:2)	858.6588	858.6592	0.4693	(P-16:0/22:1), (P-18:0/20:1), (P-20:0/18:1), (O-16:0/22:2), (O-16:1/22:1), (O-18:0/20:2), (O-18:1/20:1), (O-20:1/18:1)	C48H93NO9P
PC(38:8)	860.5442	860.5454	1.4386	(16:2_22:6), (18:3_20:5)	C48H79NO10P
PC(37:1)	860.6381	860.6383	0.2765	(17:0_20:1), (17:1/20:0), (18:0_19:1), **(19:0/18:1)**	C47H91NO10P
PC(38:7)	862.5598	862.5611	1.4944	**(16:1_22:6)**, (18:2_20:5)	C48H81NO10P
PC(37:0)	862.6537	862.6534	-0.3617	*b*	C47H93NO10P
PC(38:6)	864.5755	864.5768	1.5476	**(16:0_22:6)**, (16:1_22:5), (18:1_20:5)	C48H83NO10P
PC(38:5)	866.5911	866.5918	0.7939	(16:0_22:5), **(18:0/20:5)**, (18:1/20:4)	C48H85NO10P
PC(38:4)	868.6068	868.6055	-1.4529	(16:1_22:3), **(18:0_20:4)**, (18:1_20:3)	C48H87NO10P
PC(38:3)	870.6224	870.6213	-1.2772	(16:0_22:3), **(18:0_20:3)**, (18:1_20:2), (18:2_20:1)	C48H89NO10P
PC(38:2)	872.6381	872.6371	-1.1024	(16:0_22:2), (16:1_22:1), (18:0_20:2), **(18:1_20:1)**, (18:2_20:0)	C48H91NO10P
PC(38:1)	874.6537	874.6539	0.2149	(16:0/22:1), (18:0_20:1), (18:1/20:0)	C48H93NO10P
PC(39:6)	878.5911	878.5915	0.4416	(17:0_22:6), (17:1_22:5)	C49H85NO10P
PC(P-40:5)/PC(O-40:6)	878.6275	878.6273	-0.2231	(P-18:0/22:5), (P-20:0/20:5), (P-20:1/20:4), (O-18:0/22:6), (O-18:1/22:5), (O-20:1/20:5), (O-20:2/20:4)	C50H89NO9P
PC(39:5)	880.6068	880.6066	-0.1840	**(17:0/22:5)**, (17:1_22:4), (19:0_20:5), (19:1_20:4)	C49H87NO10P
PC(P-40:4)/PC(O-40:5)	880.6431	880.6429	-0.2805	(P-18:0/22:4), (P-18:1/22:3), (P-20:0/20:5), (P-20:1/20:4), (O-16:0/24:5), (O-18:0/22:5), (O-18:1/22:4), (O-20:1/20:4)	C50H91NO9P
PC(40:10)	884.5442	884.5443	0.1560	**(20:5/20:5)**, (18:4_22:6)	C50H79NO10P
PC(40:9)	886.5598	886.5606	0.8900	(18:3_22:6), **(20:3_20:4)**	C50H81NO10P
PC(39:2)	886.6537	886.6529	-0.9158	(17:1/22:1)	C49H93NO10P
PC(40:8)	888.5754	888.5761	0.7743	(18:2_22:6), **(20:4/20:4)**	C50H83NO10P
PC(39:1)	888.6694	888.6693	-0.0698	*b*	C49H95NO10P
PC(40:7)	890.5911	890.5915	0.4357	**(18:1_22:6)**, (20:2_20:5), (20:3_20:4)	C50H85NO10P
PC(40:6)	892.6068	892.6077	1.0509	**(18:0_22:6)**, (18:1_22:5), (20:1_20:5)	C50H87NO10P
PC(40:5)	894.6224	894.6218	-0.6841	(18:0_22:5), **(18:1/22:4)**	C50H89NO10P
PC(40:4)	896.6381	896.6368	-1.4075	(18:0_22:4)	C50H91NO10P
PC(40:3)	898.6537	898.6529	-0.9036	(18:0_22:3), (18:1_22:2), (18:2_22:1), (20:1_20:2)	C50H93NO10P
PC(40:2)	900.6694	900.6685	-0.9571	(18:0_22:2), **(18:1_22:1)**, (20:1/20:1)	C50H95NO10P
PC(P-42:7)/PC(O-42:8)	902.6275	902.6268	-0.7722	(P-20:1/22:6), (O-20:2/22:6)	C52H89NO9P

PC(40:1)	902.6850	902.685	-0.0133	(16:0_24:1), (16:1_24:1), (18:0_22:1)	C50H97NO10P
PC(41:5)	908.6381	908.6372	-0.9487	(19:0/22:5)	C51H91NO10P
PC(42:11)	910.5598	910.5598	-0.0121	(20:5_22:6)	C52H81NO10P
PC(42:10)	912.5755	912.5757	0.2608	(20:4_22:6)	C52H83NO10P
PC(42:8)	916.6068	916.6066	-0.1767	(20:2_22:6)	C52H87NO10P
PC(42:7)	918.6224	918.6223	-0.1219	(18:0_24:5), **(20:1_22:6)**	C52H89NO10P
PC(42:6)	920.6381	920.6388	0.8016	(18:1_24:5), (20:0_22:6), (20:1_22:5), (20:0_22:5), **(20:5/22:1)**	C52H91NO10P
PC(42:5)	922.6537	922.6538	0.0954	*b*	C52H93NO10P
PC(42:2)	928.7007	928.7005	-0.1734	(20:1/22:1)	C52H99NO10P
PC(44:10)	940.6068	940.6055	-1.3417	(22:5/22:5)	C54H87NO10P
PC(44:9)	942.6224	942.6232	0.8360	*b*	C54H89NO10P
PC(44:6)	948.6694	948.6687	-0.6978	*b*	C54H95NO10P
PC(46:7)	974.6850	974.6857	0.7059	(22:6_24:1)	C56H97NO10P
				LPE identified as [M-H]$^-$	
LPE(P-16:0)/LPE(O-16:1)	436.2828	436.2836	1.8291	(P-16:0)	C21H43NO6P
LPE(O-16:0)	438.2985	438.2987	0.5658	*a*	C21H45NO6P
LPE(16:1)	450.2621	450.2629	1.8500	(16:1)	C21H41NO7P
LPE(16:0)	452.2777	452.2786	1.9523	(16:0)	C21H43NO7P
LPE(P-18:1)/LPE(O-18:2)	462.2985	462.2989	0.9691	*a*	C23H45NO6P
LPE(17:1)	464.2777	464.2782	1.0403	(17:1)	C22H43NO7P
LPE(P-18:0)/LPE(O-18:1)	464.3141	464.3148	1.5033	(P-18:0)	C23H47NO6P
LPE(17:0)	466.2934	466.2939	1.1431	(17:0)	C22H45NO7P
LPE(O-18:0)	466.3298	466.3301	0.7463	*a*	C23H49NO6P
LPE(18:2)	476.2777	476.2782	1.0141	(18:2)	C23H43NO7P
LPE(18:1)	478.2934	478.2944	2.1598	(18:1)	C23H45NO7P
LPE(18:0)	480.3090	480.3101	2.2548	(18:0)	C23H47NO7P
LPE(20:5)	498.2621	498.2633	2.4746	(20:5)	C25H41NO7P
LPE(20:4)	500.2777	500.2788	2.1648	(20:4)	C25H43NO7P
LPE(20:1)	506.3247	506.3256	1.8427	(20:1)	C25H49NO7P
LPE(22:6)	524.2777	524.2783	1.1139	(22:6)	C27H43NO7P
LPE(22:5)	526.2934	526.2940	1.2028	*b*	C27H45NO7P
LPE(22:1)	534.3560	534.3569	1.7460	(22:1)	C27H53NO7P
				PE identified as [M-H]$^-$	
PE(P-32:1)/PE(O-32:2)	672.4970	672.4983	1.9331	(P-14:0/18:1), (P-16:0/16:1), (P-18:1/14:0), (O-14:1/18:1), (O-16:1/16:1)	C37H71NO7P
PE(32:2)	686.4760	686.4754	-0.8740	*a*	C37H69O8NP
PE(32:1)	688.4917	688.4922	0.7262	*b*	C37H71NO8P
PE(P-34:2)/PE(O-34:3)	698.5130	698.5143	1.8611	(P-16:0/18:2), (P-16:1/18:1), (P-18:1/16:1), (P-18:2/16:0), (O-16:1/18:2), (O-16:2/18:1), (O-18:2/16:1)	C39H73NO7P
PE(P-34:1)/PE(O-34:2)	700.5280	700.5288	1.1420	*a*	C39H75NO7P
PE(P-34:0)/PE(O-34:1)	702.5440	702.5445	0.7117	(P-18:0/16:0), (O-16:0/18:1), (O-18:0/16:1), (O-18:1/16:0)	C39H77NO7P
PE(34:3)	712.4920	712.4925	0.7018	*a*	C39H71O8NP
PE(34:2)	714.5070	714.5061	-1.2596	(16:1_18:1)	C39H73NO8P
PE(34:1)	716.5230	716.5244	1.9539	**(16:0/18:1)**, (16:1_18:0)	C39H75NO8P
PE(P-36:6)/PE(O-36:7)	718.4810	718.4819	1.2526	(P-14:0/22:6)	C41H69O7NP
PE(P-36:5)/PE(O-36:6)	720.4970	720.4983	1.8043	(P-14:0/22:5), (P-16:0/20:5), (O-14:0/22:6), (O-16:1/20:5)	C41H71NO7P
PE(P-36:4)/PE(O-36:5)	722.5130	722.5136	0.8304	*b*	C41H73NO7P
PE(P-36:3)/PE(O-36:4)	724.5281	724.5272	-1.2422	*a*	C41H75NO7P
PE(P-36:2)/PE(O-36:3)	726.5440	726.5450	1.3764	(P-18:0/18:2), (P-18:1/18:1), (O-18:1/18:2), (O-18:2/18:1)	C41H77NO7P

PE(35:2)	728.5230	728.5245	2.0150	(17:1/18:1)	C40H75NO8P
PE(P-36:1)/PE(O-36:2)	728.5590	728.5602	1.6471	(P-14:0/22:1), (P-16:0/20:1), (P-18:0/18:1), (P-20:0/16:1), (O-16:1/20:1), (O-18:1/18:1), (P-20:1/16:1)	C41H79NO7P
PE(35:1)	730.5387	730.5395	1.1197	*a*	C40H77NO8P
PE(P-36:0)/PE(O-36:1)	730.5750	730.5757	0.9581	*a*	C41H81NO7P
PE(36:6)	734.4760	734.4774	1.9061	*a*	C41H69NO8P
PE(36:5)	736.4917	736.4904	-1.7651	*a*	C41H71O8NP
PE(36:2)	742.5387	742.5391	0.5387	(16:1_20:1), (18:0_18:2), **(18:1/18:1)**	C41H77O8NP
PE(P-38:7)/PE(O-38:8)	744.4968	744.4974	0.8059	(O-16:0/22:6)	C43H71O7NP
PE(P-38:6)/PE(O-38:7)	746.5130	746.5143	1.7414	(P-16:0/22:6), (P-16:1/22:5), (P-18:1/20:5), (O-16:1/22:6), (O-18:2/20:5)	C43H73NO7P
PE(P-38:5)/PE(O-38:6)	748.5281	748.5284	0.4008	*a*	C43H75NO7P
PE(37:5)	750.5074	750.5069	-0.6422	*b*	C42H73O8NP
PE(P-38:4)/PE(O-38:5)	750.5440	750.5436	-0.5329	*b*	C43H77NO7P
PE(37:4)	752.5230	752.5232	0.2232	*a*	C42H75NO8P
PE(P-38:3)/PE(O-38:4)	752.5590	752.5581	-1.1959	*a*	C43H79NO7P
PE(P-38:2)/PE(O-38:3)	754.5751	754.5749	-0.2650	*a*	C43H81NO7P
PE(P-38:1)/PE(O-38:2)	756.5910	756.5919	1.1895	(P-16:0/22:1), (P-18:0/20:1), (P-20:0/18:1), (P-22:0/16:1), (O-16:1/22:1), (O-18:1/20:1), (O-20:1/18:1), (O-22:1/16:1),	C43H83NO7P
PE(38:8)*	758.4760	758.4768	1.0547	*b*	C43H69NO8P
PE(P-38:0)/PE(O-38:1)	758.6060	758.6063	0.3955	*b*	C43H85NO7P
PE(38:7)	760.4920	760.4924	0.5260	(16:1/22:6)	C43H71NO8P
PE(38:6)	762.5074	762.5091	2.2295	**(16:0_22:6)**, (16:1_22:5), (18:1_20:5),	C43H73O8NP
PE(38:5)	764.5230	764.5233	0.3924	(16:0_22:5), **(18:0_20:5)**, (18:1_20:4)	C43H75NO8P
PE(38:4)	766.5390	766.5394	0.5218	*b*	C43H77O8NP
PE(38:3)	768.5540	768.5526	-1.8216	*b*	C43H79NO8P
PE(P-40:8)/PE(O-40:9)	770.5130	770.5138	1.0383	(P-18:2/22:6), (O-18:3/22:6)	C45H73O7NP
PE(P-40:7)/PE(O-40:8)	772.5280	772.5292	1.5533	*b*	C45H75NO7P
PE(39:7)	774.5074	774.5076	0.2815	(17:1_22:6)	C44H73NO8P
PE(P-40:6)/PE(O-40:7)	774.5440	774.5451	1.4202	(P-18:0/22:6), (P-18:1/22:5), (O-18:1/22:6), (O-18:2/22:5)	C45H77NO7P
PE(39:6)	776.5230	776.5228	-0.2988	*b*	C44H75O8NP
PE(P-40:5)/PE(O-40:6)	776.5594	776.5593	-0.1288	*b*	C45H79NO7P
PE(39:5)	778.5387	778.5381	-0.7476	*a*	C44H77NO8P
PE(P-40:4)/PE(O-40:5)	778.5750	778.5742	-1.0275	*a*	C45H81NO7P
PE(P-40:3)/PE(O-40:4)	780.5910	780.5902	-1.0249	*a*	C45H83NO7P
PE(P-40:2)/PE(O-40:3)	782.6060	782.6069	1.1500	*a*	C45H85NO7P
PE(40:9)	784.4917	784.4931	1.7846	*b*	C45H71O8NP
PE(P-40:1)/PE(O-40:2)	784.6220	784.6231	1.4019	*b*	C45H87NO7P
PE(40:8)	786.5070	786.5081	1.3986	*b*	C45H73O8NP
PE(40:7)	788.5230	788.5235	0.6341	(18:1_22:6)	C45H75NO8P
PE(40:6)	790.5300	790.5309	1.1385	*b*	C45H77O8NP
PE(40:5)	792.5540	792.5532	-1.0094	(18:0_22:5)	C45H79O8NP
PE(40:4)	794.5700	794.5699	-0.1259	*b*	C45H81NO8P
PE(P-42:8)/PE(O-42:9)	798.5440	798.5434	-0.7514	(P-20:2/22:6), (O-20:3/22:6)	C47H77O7NP
PE(P-42:7)/PE(O-42:8)	800.5594	800.5591	-0.3747	(P-20:1/22:6), (O-20:2/22:6)	C47H79O7NP
PE(41:7)	802.5387	802.5375	-1.4728	(19:1_22:6)	C46H77NO8P
PE(P-42:6)/PE(O-42:7)	802.5751	802.5766	1.8690	(P-20:0/22:6), (P-20:1/22:5), (P-22:1/20:5), (O-20:1/22:6), (O-20:2/22:5), (O-22:2/20:5)	C47H81NO7P
PE(41:6)	804.5543	804.5540	-0.4114	(17:1_24:5), (19:1_22:5)	C46H79O8NP
PE(P-42:5)/PE(O-42:6)	804.5910	804.5914	0.4971	(P-18:0/24:5), (P-20:0/22:5), (P-20:1/22:4), (P-22:0/20:5), (P-22:1/20:4), (O-18:1/24:5), (O-20:0/22:6), (O-20:1/22:5), (O-22:1/20:5), (O-22:1/20:4)	C47H83O7NP
PE(P-42:4)/PE(O-42:5)	806.6060	806.6063	0.3719	*a*	C47H85NO7P

PE(42:11)	808.4920	808.4921	0.1237	*a*	C47H71NO8P
PE(42:7)	816.5540	816.5547	0.8573	*a*	C47H79O8NP
PE(42:6)	818.5700	818.5702	0.2443	(20:5_22:1)	C47H81NO8P
PE(P-44:9)/PE(O-44:10)	824.5590	824.5581	-1.0915	*a*	C49H79O7NP
PE(P-44:7)/PE(O-44:8)	828.5910	828.5914	0.4827	(P-22:1/22:6), (P-22:2/22:5), (P-24:2/20:5), (O-22:2/22:6), (O-22:3/22:5), (O-24:3/20:5)	C49H83O7NP
PE(P-44:6)/PE(O-44:7)*	830.6060	830.6055	-0.6020	(P-22:0/22:6), (P-22:1/22:5), (P-24:1/20:5), (P-24:2/20:4), (O-22:1/22:6), (O-22:2/22:5), (O-24:2/20:5), (O-24:3/20:4)	C49H85O7NP
LPG identified as $[M-H]^-$					
LPG(14:1)	453.2253	453.2255	0.3354	*a*	C20H38O9P
LPG(14:0)	455.2410	455.2418	1.7617	(14:0)	C20H40O9P
LPG(16:1)	481.2566	481.2570	0.7314	*a*	C22H42O9P
LPG(16:0)	483.2723	483.2727	0.8318	(16:0)	C22H44O9P
LPG(18:1)	509.2879	509.2885	1.0839	(18:1)	C24H46O9P
LPG(22:6)	555.2723	555.2712	-1.9774	(22:6)	C28H44O9P
LPG(22:2)	563.3349	563.3353	0.7136	*a*	C28H52O9P
LPG(22:1)	565.3505	565.3502	-0.6155	*a*	C28H54O9P
PG identified as $[M-H]^-$					
PG(32:0)	721.5020	721.5028	1.1088	*a*	C38H74O10P
PG(32:1)	719.4863	719.4865	0.2780	*a*	C38H72O10P
PG(32:5)	711.4237	711.4240	0.4217	*a*	C38H64O10P
PG(34:1)	747.5176	747.5173	-0.4013	(14:0_20:1), (16:0_18:1)	C40H76O10P
PG(34:2)	745.5020	745.5021	0.1341	(16:0_18:2), (16:1_18:1)	C40H74O10P
PG(34:3)	743.4863	743.4869	0.8070	*a*	C40H72O10P
PG(34:4)	741.4707	741.4719	1.6184	*a*	C40H70O10P
PG(34:5)$^{\$}$	739.4550	739.4557	0.9466	*a*	C40H68O10P
PG(36:1)	775.5489	775.5495	0.7736	(16:0_20:1), (18:0_18:1)	C42H80O10P
PG(36:2)	773.5333	773.5335	0.2586	*a*	C42H78O10P
PG(38:1)	803.5802	803.5815	1.6178	*a*	C44H84O10P
PG(38:5)	795.5176	795.5165	-1.3827	*a*	C44H76O10P
PG(40:3)	827.5802	827.5813	1.3292	*a*	C46H84O10P
PG(44:12)	865.5020	865.5028	0.9243	*a*	C50H76O10P
LPI identified as $[M-H]^-$					
LPI(16:0)	571.2883	571.2893	1.6769	*a*	C25H48O12P
LPI(18:0)	599.3196	599.3191	-0.9060	(18:0)	C27H52O12P
PI identified as $[M-H]^-$					
PI(30:2)	777.4554	777.4555	0.1286	*a*	C39H70O13P
PI(30:0)	781.4867	781.4864	-0.3839	*a*	C39H74O13P
PI(34:2)	833.5180	833.5173	-0.8398	(16:1_18:1)	C43H78O13P
PI(34:1)	835.5337	835.5324	-1.5559	(16:0_18:1), **(16:1_18:0)**	C43H80O13P
PI(36:5)$^{\#}$	855.5024	855.5019	-0.5845	*a*	C45H76O13P
PI(36:4)	857.5180	857.5175	-0.5831	*a*	C45H78O13P
PI(36:3)*	859.5337	859.5328	-1.0471	*a*	C45H80O13P
PI(38:6)$^{\#}$	881.5180	881.5182	0.2269	*a*	C47H78O13P
PI(38:5)	883.5337	883.5344	0.7923	(18:0_20:5), (18:1_20:4)	C47H80O13P
PI(38:4)	885.5493	885.5498	0.5646	(18:0_20:4)	C47H82O13P
PI(40:4)	913.5806	913.5814	0.8757	*a*	C49H86O13P
PI(40:3)	915.5963	915.5970	0.7645	*a*	C49H88O13P

PI(42:6)	937.5806	937.5810	0.4266	*a*	C51H86O13P
PI(48:10)	1013.6119	1013.6121	0.1894	*a*	C57H90O13P
			PS identified as $[M-H]^-$		
PS(34:2)	758.4972	758.4973	0.1318	*a*	C40H73NO10P
PS(34:1)	760.5129	760.5132	0.3945	*a*	C40H75NO10P
PS(36:2)	786.5285	786.5287	0.2543	*a*	C42H77NO10P
			SM identified as $[M + CH_3COO]^-$		
SM(d30:1)	705.5183	705.5191	1.1608	*b*	C37H74N2O8P
SM(d30:0)	707.5339	707.5339	-0.0438	*b*	C37H76N2O8P
SM(d31:1)	719.5339	719.5345	0.7922	*b*	C38H76N2O8P
SM(d31:0)	721.5496	721.5487	-1.2210	*b*	C38H78N2O8P
SM(d32:2)	731.5339	731.5342	0.3677	*b*	C39H76N2O8P
SM(d32:1)	733.5496	733.5504	1.1165	*b*	C39H78N2O8P
SM(d32:0)	735.5652	735.5642	-1.4016	*b*	C39H80N2O8P
SM(d33:2)	745.5496	745.5503	0.9644	*b*	C40H78N2O8P
SM(d33:1)	747.5652	747.5662	1.2962	*b*	C40H80N2O8P
SM(d33:0)	749.5809	749.5798	-1.4421	*b*	C40H82N2O8P
SM(d34:2)	759.5652	759.5661	1.1441	*b*	C41H80N2O8P
SM(d34:1)	761.5809	761.5817	1.0754	*b*	C41H82N2O8P
SM(d34:0)	763.5965	763.5952	-1.7431	*b*	C41H84N2O8P
SM(d35:2)	773.5809	773.5815	0.8002	*b*	C42H82N2O8P
SM(d35:0)	777.6122	777.6114	-1.0044	*b*	C42H86N2O8P
SM(d36:3)	785.5809	785.5816	0.9152	*b*	C43H82N2O8P
SM(d36:2)	787.5965	787.5983	2.2461	*b*	C43H84N2O8P
SM(d36:1)	789.6122	789.6132	1.2905	*b*	C43H86N2O8P
SM(d36:0)	791.6278	791.6269	-1.1761	*b*	C43H88N2O8P
SM(d37:3)	799.5965	799.5977	1.4620	*b*	C44H84N2O8P
SM(d37:2)	801.6122	801.6128	0.7722	*b*	C44H86N2O8P
SM(d37:1)	803.6278	803.6289	1.3302	*b*	C44H88N2O8P
SM(d37:0)	805.6435	805.6425	-1.2177	*b*	C44H90N2O8P
SM(d38:3)	813.6122	813.6128	0.7608	*b*	C45H86N2O8P
SM(d38:2)	815.6278	815.6287	1.0654	*b*	C45H88N2O8P
SM(d38:1)	817.6435	817.6435	0.0232	*b*	C45H90N2O8P
SM(d38:0)	819.6591	819.6584	-0.8918	*b*	C45H92N2O8P
SM(d39:3)	827.6278	827.6277	-0.1583	*b*	C46H88N2O8P
SM(d39:2)	829.6435	829.6445	1.2282	*b*	C46H90N2O8P
SM(d39:1)	831.6591	831.6597	0.6842	*b*	C46H92N2O8P
SM(d39:0)	833.6748	833.6735	-1.5354	*b*	C46H94N2O8P
SM(d40:3)	841.6435	841.6446	1.3295	*b*	C47H90N2O8P
SM(d40:2)	843.6591	843.6599	0.9115	*b*	C47H92N2O8P
SM(d40:1)	845.6748	845.6742	-0.6870	*b*	C47H94N2O8P
SM(d41:3)	855.6591	855.6596	0.5481	*b*	C48H92N2O8P
SM(d41:2)	857.6748	857.6750	0.2565	*b*	C48H94N2O8P
SM(d41:1)	859.6904	859.6898	-0.7340	*b*	C48H96N2O8P
SM(d42:3)	869.6748	869.6754	0.7118	*b*	C49H94N2O8P
SM(d42:2)	871.6904	871.6904	-0.0356	*b*	C49H96N2O8P
SM(d42:1)	873.7061	873.7055	-0.6650	*b*	C49H98N2O8P

SM(d43:3)	883.6904	883.6909	0.5307	*b*	C50H96N2O8P
SM(d43:2)	885.7061	885.7073	1.3763	*b*	C50H98N2O8P
SM(d43:1)	887.7217	887.7203	-1.6120	*b*	C50H100N2O8P
SM(d44:3)	897.7061	897.7059	-0.2016	*b*	C51H98N2O8P
SM(d44:2)	899.7217	899.7219	0.1878	*b*	C51H100N2O8P
Cer identified as $[M + H]^+$					
Cer(d34:1)	538.5199	538.5206	1.2646	(16:0/d180:1)	C34H68NO3
Cer(d36:1)	566.5512	566.5518	1.0255	*a*	C36H72NO3

a : no MS/MS spectra; *b* : no information about FAs, just class reporter ions.

O: plasmanyl; P: plasmenyl.

Bold is used to hignlight the major species (whenever possible to discern).

* not present in FI; $^{\$}$ not present in FM; $^{\#}$ not present in MM

Supplementary Table II

Normalized peak areas for the lipid species detected by HILIC-MS/MS

Dolphin	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D20	D21	D22	D23
Experimental Group	FI	FI	FI	FM	FM	FM	FM	FM	FM	MI	MI	MI	MI	MI	MI	MM	MM	MM	MM	MM	MM	MM	MM
Cer(d34:1)	0.00000	0.00086	0.00110	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00038	0.00345	0.00000	0.00038	0.00000	0.00000	0.00000	0.00232	0.00000	0.00000	0.00000	0.00000	0.00082	0.00000
Cer(d36:1)	0.00000	0.00000	0.00057	0.00054	0.00061	0.00000	0.00000	0.00115	0.00000	0.00000	0.00135	0.00000	0.00000	0.00000	0.00000	0.00000	0.00744	0.00000	0.00000	0.00000	0.00000	0.00091	0.00000
LPC(14:0)	0.33238	0.28116	0.32143	0.24715	0.29574	0.41521	0.40371	0.71982	0.33533	0.64440	0.42312	0.49162	0.42660	0.60484	0.45873	0.60184	0.75673	0.24325	0.65578	0.34169	0.26632	0.76347	0.69004
LPC(14:1)	0.00045	0.00014	0.00040	0.00017	0.00000	0.00102	0.00058	0.00152	0.00015	0.00832	0.00000	0.00254	0.00012	0.00155	0.00000	0.00120	0.00080	0.00031	0.00132	0.00008	0.00050	0.00098	0.00180
LPC(15:0)	0.38877	0.40649	0.41920	0.28053	0.31066	0.44755	0.45684	0.73518	0.33153	0.67378	0.51541	0.47774	0.45135	0.50669	0.45128	0.50609	0.69125	0.25819	0.59702	0.31431	0.26592	0.66209	0.59173
LPC(15:1)	0.03101	0.02514	0.03269	0.01777	0.01918	0.03064	0.02785	0.06102	0.02207	0.04937	0.02724	0.03367	0.02989	0.04026	0.02108	0.03730	0.04258	0.01375	0.03623	0.02084	0.01583	0.04203	0.03788
LPC(16:0)	8.42577	9.45514	8.96584	6.70532	7.83342	11.01310	11.69733	17.31277	8.80095	16.73894	13.26002	12.10275	12.55561	12.72177	13.01821	13.25421	18.41355	7.12460	15.51619	8.84581	8.19300	17.64865	16.93307
LPC(16:1)	1.35238	1.05844	1.32265	0.74439	0.95191	1.61416	1.51577	2.19322	1.17445	2.71162	1.48914	1.65257	1.50760	2.02522	1.75290	2.36729	2.55459	0.94290	2.16363	1.43479	1.06412	2.73647	2.28568
LPC(17:0)	0.63812	0.69652	0.57886	0.41681	0.52173	0.70990	0.81840	1.17956	0.51726	1.20871	0.82964	0.67009	0.81450	0.80803	0.88726	0.72319	0.95482	0.43271	0.87182	0.56254	0.50668	1.01521	0.88591
LPC(17:1)	0.77803	0.71647	0.77418	0.44529	0.61324	0.74238	0.87420	1.26069	0.66043	1.27215	0.93057	0.64142	0.87612	0.87083	0.80576	1.04442	1.38215	0.42428	1.04847	0.62105	0.49564	1.30176	1.18746
LPC(17:2)	0.04219	0.02764	0.02556	0.02438	0.02573	0.03013	0.02467	0.07126	0.01364	0.06536	0.04095	0.04411	0.05122	0.03655	0.05047	0.07189	0.09143	0.02898	0.07183	0.03949	0.01959	0.10129	0.07178
LPC(18:0)	6.39190	8.33495	5.78541	4.56082	5.42150	7.02026	8.35854	12.51858	5.74679	11.86963	8.74510	8.23783	10.23831	9.65252	9.71430	7.25110	8.71541	5.18273	7.58406	6.97253	5.88138	11.34267	9.93877
LPC(18:1)	12.06614	9.56506	12.48693	7.11211	8.07232	12.93793	14.53001	19.59673	10.45255	22.08251	15.06997	13.58974	13.33637	18.56362	13.86657	18.21973	24.48213	8.54952	17.85642	12.87365	10.30075	22.97863	21.17543
LPC(18:2)	0.53862	0.46175	0.47243	0.26617	0.25187	0.58865	0.50218	0.75359	0.32528	0.88316	0.57076	0.49922	0.50837	0.79567	0.52891	0.86095	0.92037	0.36796	0.77429	0.58055	0.40002	1.17024	0.84230
LPC(18:3)	0.07073	0.05372	0.03750	0.03193	0.03125	0.06781	0.04421	0.07722	0.03624	0.07759	0.05535	0.04718	0.06156	0.09761	0.05643	0.10515	0.11243	0.03131	0.08943	0.05463	0.03519	0.12583	0.09860
LPC(18:4)	0.02554	0.01351	0.01044	0.01390	0.01165	0.01861	0.01449	0.03792	0.01356	0.02777	0.01977	0.01589	0.03408	0.04659	0.02453	0.05963	0.06602	0.01102	0.04620	0.02463	0.00925	0.05889	0.03722
LPC(19:1)	0.10292	0.09392	0.10907	0.06954	0.08440	0.10238	0.13127	0.17420	0.09759	0.18024	0.12594	0.10768	0.12670	0.14204	0.11635	0.12980	0.18259	0.06598	0.13264	0.09186	0.08338	0.16938	0.16422
LPC(19:2)	0.01543	0.01197	0.01731	0.00874	0.00913	0.01350	0.01802	0.02081	0.01225	0.02974	0.01780	0.01596	0.01641	0.01879	0.01245	0.02712	0.03067	0.01022	0.02671	0.01369	0.01560	0.02843	0.02665
LPC(20:0)	0.05985	0.05193	0.05797	0.04081	0.04964	0.05281	0.07328	0.10254	0.05934	0.14529	0.08374	0.07530	0.07668	0.06828	0.08994	0.06108	0.07664	0.04498	0.08033	0.04421	0.04416	0.08211	0.08600
LPC(20:1)	0.89743	0.71114	0.93205	0.61083	0.74232	1.10329	1.18291	1.32536	1.01380	1.79211	1.12291	0.92900	1.06230	1.30679	1.11550	1.24293	1.65945	0.62360	1.08855	0.95373	0.93856	1.59252	1.66688
LPC(20:2)	0.04643	0.04627	0.04177	0.02370	0.03219	0.04944	0.06647	0.05982	0.03637	0.07385	0.06453	0.03731	0.04849	0.04918	0.03980	0.06630	0.08934	0.03086	0.07309	0.04224	0.02972	0.08969	0.08347
LPC(20:3)	0.05535	0.05103	0.04762	0.03067	0.03259	0.06695	0.07325	0.08748	0.04007	0.11195	0.06857	0.04149	0.06179	0.06834	0.06182	0.11104	0.13400	0.04390	0.11976	0.07818	0.04141	0.18336	0.09150
LPC(20:4)	0.78238	0.62508	0.45569	0.37975	0.38101	0.70804	0.64031	1.12223	0.39847	1.23760	0.81246	0.62552	0.72571	0.94787	0.84636	1.70547	1.67211	0.63505	1.44843	1.13052	0.52190	2.73815	1.38047
LPC(20:5)	1.48704	1.21030	0.70446	0.83828	0.70236	1.30113	0.72701	1.94468	0.68876	2.13617	1.30077	1.38878	1.30573	2.04802	1.64297	2.47023	2.70022	1.08347	2.36429	1.45285	0.71152	3.30396	2.35608
LPC(21:0)	0.00594	0.00540	0.00648	0.00366	0.00367	0.00395	0.00407	0.00612	0.00324	0.00859	0.00624	0.00547	0.00506	0.00378	0.00374	0.00512	0.00676	0.00608	0.00600	0.00592	0.00463	0.00591	0.00681
LPC(21:1)	0.02239	0.01657	0.02936	0.01432	0.01836	0.02007	0.02073	0.03187	0.01904	0.03596	0.02804	0.02094	0.02598	0.03184	0.01408	0.01685	0.02894	0.01286	0.02035	0.01495	0.01654	0.02741	0.03415
LPC(22:1)	0.65441	0.52090	0.88047	0.55800	0.65256	0.70781	0.70940	0.99067	0.76581	1.32233	1.00646	0.83187	0.99066	1.24785	0.74727	0.65741	1.11731	0.54183	0.76915	0.59877	0.69599	1.11233	1.40120
LPC(22:2)	0.00632	0.00538	0.00632	0.00310	0.00410	0.00548	0.00623	0.00852	0.00551	0.01469	0.00929	0.00585	0.00947	0.00844	0.00455	0.00997	0.01201	0.00541	0.01097	0.00687	0.00461	0.01376	0.01471
LPC(22:4)	0.02040	0.01407	0.00863	0.00844	0.00929	0.01328	0.01900	0.01963	0.01038	0.03541	0.02099	0.01648	0.01625	0.02074	0.01640	0.03557	0.04623	0.01172	0.04621	0.01654	0.01393	0.07056	0.02915
LPC(22:5)	0.24314	0.16323	0.10671	0.11493	0.13103	0.21860	0.20393	0.30888	0.12254	0.42899	0.25743	0.19656	0.21725	0.29367	0.25883	0.51254	0.68727	0.18587	0.69580	0.26955	0.19980	0.84437	0.39448
LPC(22:6)	1.33769	1.11737	0.45964	0.63409	0.80753	1.58923	1.09992	1.88546	0.66213	2.11856	1.50776	1.13257	1.26351	1.62167	1.44363	2.34610	3.56995	1.51022	3.31859	1.76559	1.05708	4.58314	2.74704
LPC(24:0)	0.00470	0.00469	0.00991	0.00709	0.00588	0.00610	0.00780	0.01943	0.00456	0.01499	0.00927	0.01374	0.01509	0.00678	0.01570	0.00725	0.01120	0.01056	0.01264	0.00937	0.00553	0.01230	0.01213
LPC(24:1)	0.05579	0.05250	0.08968	0.06402	0.06972	0.06804	0.06718	0.13518	0.05948	0.12539	0.09291	0.10136	0.12198	0.08643	0.10349	0.06870	0.12209	0.06927	0.10357	0.06521	0.05385	0.09613	0.11057
LPC(24:2)	0.00216	0.00126	0.00337	0.00156	0.00166	0.00251	0.00260	0.00556	0.00236	0.00405	0.00403	0.00245	0.00499	0.00547	0.00030	0.00416	0.00655	0.00197	0.00414	0.00334	0.00170	0.00579	0.00637
LPC(24:5)	0.00516	0.00245	0.00240	0.00284	0.00258	0.00299	0.00393	0.00611	0.00397	0.01192	0.00492	0.00575	0.00818	0.00714	0.00413	0.01406	0.01722	0.00480	0.01357	0.00477	0.00445	0.02357	0.01791
LPC(24:6)	0.00577	0.00414	0.00055	0.00233	0.00118	0.00426	0.00293	0.00484	0.00139	0.01013	0.00558	0.00532	0.00553	0.00703	0.00382	0.01471	0.01843	0.00422	0.01507	0.00426	0.00339	0.01921	0.01254
LPC(O-14:0)	0.00630	0.00701	0.00925	0.00564	0.01197	0.00492	0.01061	0.01917	0.00806	0.04136	0.01524	0.03900	0.01449	0.01577	0.00796	0.01099	0.01673	0.01341	0.01371	0.00502	0.00597	0.02071	0.02159
LPC(O-16:0)	0.07842	0.09659	0.09451	0.07965	0.07912	0.08478	0.09902	0.15814	0.07177	0.29579	0.13990	0.32438	0.13122	0.13270	0.11309	0.08736	0.13718	0.11247	0.12101	0.07926	0.09440	0.17202	0.16762
LPC(O-18:0)	0.02187	0.03368	0.02062	0.02076	0.01755	0.02883	0.03224	0.04250	0.01707	0.07363	0.04073	0.09130	0.04728	0.03825	0.03315	0.02153	0.03624	0.04111	0.03067	0.03642	0.03414	0.05408	0.04228
LPC(O-20:0)	0.00111	0.00162	0.00154	0.00155	0.00083	0.00199	0.00221	0.00355	0.00146	0.00683	0.00288	0.00967	0.00227	0.00191	0.00258	0.00087	0.00135	0.00362	0.00223	0.00234	0.00268	0.00347	0.00269
LPC(P-16:0)/LPC(O-16:1)	0.10286	0.11373	0.11145	0.08950	0.09102	0.09797	0.10661	0.17852	0.08577	0.38805	0.16367	0.35114	0.12543	0.13567	0.15440	0.11329	0.15678	0.13571	0.16808	0.07651	0.08972	0.17940	0.17052
LPC(P-18:0)/LPC(O-18:1)	0.06704	0.08718	0.07843	0.06964	0.06889	0.07044	0.08462	0.11179	0.06356	0.24131	0.11791	0.29737	0.11214	0.11828	0.07612	0.06759	0.11023	0.09337	0.10004	0.05723	0.06885	0.12773	0.14681
LPC(P-20:0)/LPC(O-20:1)	0.00459	0.00500	0.00476	0.00505	0.00366	0.00588	0.00670	0.00706	0.00424	0.02306	0.00677	0.02113	0.00624	0.00640	0.00441	0.00360	0.00480	0.00799	0.00685	0.00492	0.00587	0.00935	0.01174
LPC(P-22:0)/LPC(O-22:1)	0.00364	0.00446	0.00534	0.00479	0.00297	0.00483	0.00339	0.00752	0.00361	0.01665	0.00749	0.02195	0.00466	0.00527	0.00356	0.00097	0.00107	0.00786	0.00656	0.00311	0.00570	0.00663	0.00717
LPE(16:0)	0.05163	0.07229	0.04634	0.03732	0.02171	0.06932	0.04879	0.10701	0.01655	0.09586	0.07199	0.10112	0.05149	0.06795	0.06936	0.07621	0.09668	0.06263	0.12296	0.06243	0.07031	0.16953	0.10611
LPE(16:1)	0.02724	0.01876	0.01600	0.01138	0.00424	0.02983	0.00968	0.03958	0.00261	0.03673	0.01311	0.01705	0.01720	0.02932	0.03194	0.04176	0.03164	0.01737	0.04554	0.03247	0.01451	0.04737	0.02547
LPE(17:0)	0.00402	0.00628	0.00277	0.00286	0.00110	0.00727	0.00595	0.01269	0.00036	0.01523	0.00687	0.00834	0.00435	0.00466	0.00884	0.00713	0.00873	0.00635	0.01261	0.00435	0.00514	0.01684	0.00865
LPE(17:1)	0.00197	0.00047	0.00031	0.00034	0.00032	0.00312	0.00030	0.00380	0.00000	0.00327	0.00120	0.00085	0.00062	0.00234	0.00166	0.00421	0.00448	0.00104	0.00663	0.00132	0.00033	0.00578	0.00317
LPE(18:0)	0.15490	0.18659	0.12884	0.10121	0.06445	0.19764	0.16865	0.23450	0.06774	0.31974	0.20221	0.25845	0.14433	0.17164	0.25520	0.16158	0.17927	0.15750	0.22255	0.17402	0.14553	0.31794	0.22331
LPE(18:1)	0.35969	0.28596	0.16981	0.16024	0.13213	0.41812	0.22436	0.46482	0.08323	0.46501	0.27497	0.20720	0.20957	0.37164	0.44295	0.45377	0.57872	0.23740	0.69168	0.38868	0.24313	0.68321	0.48224
LPE(18:2)	0.01131	0.01052	0.00490	0.00318	0.00061	0.01524	0.00401	0.01593	0.00023	0.01418	0.00642	0.00689	0.00550	0.01478	0.01300	0.01509	0.01277	0.00647	0.01976	0.01235	0.00545	0.02536	0.01388
LPE(20:1)	0.02284	0.02554	0.01557	0.01105	0.00878	0.04804	0.01497	0.02907	0.00563	0.05875	0.01755	0.01337	0.01580	0.02901	0.02782	0.02504	0.02882	0.01400	0.02497	0.02706	0.01635	0.04298	0.02906
LPE(20:4)	0.16129	0.11781	0.05000	0.05317	0.03574	0.15049	0.05907	0.18483	0.01814	0.20276	0.12553	0.08731	0.10490	0.13571	0.20654	0.25996	0.23429	0.15055	0.35280	0.21067	0.06937	0.45086	0.21562
LPE(20:5)	0.15573	0.11365	0.03943	0.06725	0.04117	0.12217	0.03155	0.14901	0.01623	0.17997	0.09949	0.09310	0.09310	0.15531	0.20895	0.21030	0.18203	0.11420	0.30398	0.16331	0.05291	0.32454	0.19750
LPE(22:1)	0.01515	0.01026	0.01603	0.00928	0.00832	0.01305	0.00680	0.01826	0.00507	0.02031	0.01757	0.01330	0.01329	0.03549	0.01699	0.01032	0.01803	0.00919	0.02281	0.01365	0.00994	0.02892	0.02659

LPE(22:5)	0.01174	0.00748	0.00288	0.00488	0.00262	0.00604	0.00267	0.01681	0.00000	0.02223	0.00765	0.00972	0.00856	0.01601	0.01440	0.02417	0.02334	0.00940	0.04556	0.01337	0.00388	0.05110	0.01790
LPE(22:6)	0.17473	0.15349	0.04769	0.08273	0.07208	0.14648	0.05956	0.27609	0.02034	0.25456	0.15540	0.17722	0.13909	0.24506	0.23980	0.27532	0.32970	0.24120	0.52778	0.24028	0.08334	0.64071	0.33401
LPE(O-16:0)	0.00077	0.00121	0.00045	0.00019	0.00108	0.00094	0.00151	0.00359	0.00062	0.00739	0.00279	0.00943	0.00250	0.00217	0.00450	0.00159	0.00086	0.00320	0.00289	0.00138	0.00036	0.00555	0.00546
LPE(O-18:0)	0.00134	0.00162	0.00044	0.00116	0.00077	0.00161	0.00032	0.00423	0.00030	0.00790	0.00436	0.01245	0.00240	0.00243	0.00610	0.00114	0.00042	0.00505	0.00358	0.00211	0.00134	0.00559	0.00408
LPE(P-16:0)/LPE(O-16:1)	0.00538	0.00524	0.00358	0.00391	0.00350	0.00704	0.00322	0.01180	0.00046	0.02183	0.00874	0.02150	0.00557	0.00688	0.01277	0.00712	0.00896	0.00953	0.01140	0.00389	0.00408	0.01195	0.01052
LPE(P-18:0)/LPE(O-18:1)	0.00849	0.01032	0.00656	0.00570	0.00447	0.00850	0.00618	0.01823	0.00059	0.02701	0.01186	0.02935	0.01118	0.01114	0.01765	0.01264	0.01231	0.01711	0.01166	0.00936	0.00684	0.01956	0.01280
LPE(P-18:1)/LPE(O-18:2)	0.00191	0.00118	0.00092	0.00079	0.00092	0.00228	0.00011	0.00344	0.00000	0.01009	0.00306	0.01068	0.00182	0.00172	0.00483	0.00263	0.00341	0.00337	0.00371	0.00070	0.00069	0.00444	0.00450
LPG(14:0)	0.00517	0.00622	0.00310	0.00385	0.00299	0.00582	0.00564	0.01114	0.00438	0.01110	0.00873	0.00855	0.00420	0.00637	0.00395	0.01281	0.01354	0.00771	0.01481	0.00614	0.00649	0.01838	0.01152
LPG(14:1)	0.00011	0.00071	0.00000	0.00002	0.00000	0.00045	0.00037	0.00097	0.00024	0.00157	0.00079	0.00046	0.00021	0.00029	0.00016	0.00096	0.00043	0.00052	0.00058	0.00024	0.00077	0.00630	0.00166
LPG(16:0)	0.00029	0.00203	0.00131	0.00020	0.00048	0.00115	0.00128	0.00496	0.00086	0.00600	0.00271	0.00718	0.00052	0.00181	0.00225	0.00272	0.00356	0.00226	0.00647	0.00038	0.00094	0.00381	0.00335
LPG(16:1)	0.00205	0.00402	0.00068	0.00014	0.00000	0.00263	0.00335	0.00347	0.00187	0.00439	0.00465	0.00202	0.00339	0.00456	0.00044	0.00105	0.00129	0.00136	0.00241	0.00336	0.00101	0.00227	0.00130
LPG(18:1)	0.00401	0.00751	0.00896	0.00291	0.00322	0.00671	0.01137	0.01789	0.00824	0.02039	0.01175	0.00772	0.00789	0.02241	0.01158	0.00433	0.00854	0.00901	0.01362	0.00867	0.00553	0.01177	0.00778
LPG(22:1)	0.00173	0.00061	0.00000	0.00262	0.00000	0.00000	0.00014	0.00218	0.00049	0.00000	0.00000	0.00093	0.00000	0.00163	0.00026	0.00437	0.00609	0.00109	0.00145	0.00024	0.00000	0.00307	0.00373
LPG(22:2)	0.00357	0.00335	0.00143	0.00192	0.00118	0.00448	0.00632	0.00573	0.00380	0.00801	0.00823	0.00626	0.00190	0.00458	0.00262	0.00498	0.00652	0.00397	0.00599	0.00509	0.00240	0.00845	0.00771
LPG(22:6)	0.00168	0.00186	0.00032	0.00036	0.00077	0.00240	0.00273	0.00409	0.00186	0.00766	0.00324	0.00510	0.00113	0.00324	0.00376	0.00251	0.00119	0.00462	0.00671	0.00160	0.00102	0.00191	0.00308
LPI(16:0)	0.00540	0.00510	0.00490	0.00470	0.00497	0.00556	0.00592	0.00552	0.00562	0.00583	0.00488	0.00530	0.00488	0.00517	0.00510	0.00517	0.00634	0.00580	0.00755	0.00506	0.00529	0.00807	0.00688
LPI(18:0)	0.00022	0.00014	0.00024	0.00033	0.00002	0.00020	0.00008	0.00180	0.00007	0.00078	0.00015	0.00016	0.00000	0.00023	0.00003	0.00007	0.00281	0.00178	0.00372	0.00009	0.00003	0.00399	0.00107
PC(29:0)	0.03698	0.04057	0.03773	0.02183	0.02057	0.03902	0.02905	0.06314	0.02446	0.08301	0.07498	0.05280	0.02931	0.05035	0.05675	0.03139	0.02167	0.03576	0.02986	0.04127	0.01980	0.04004	0.03012
PC(29:1)	0.00601	0.00757	0.00200	0.00000	0.00000	0.00323	0.00230	0.00851	0.00055	0.00309	0.00139	0.00419	0.00000	0.00776	0.00195	0.00603	0.00000	0.01040	0.00209	0.00291	0.00257	0.00521	0.00658
PC(30:0)	0.55041	0.62835	0.65892	0.44771	0.45731	0.56679	0.44655	0.86315	0.39602	0.93467	1.33541	1.04014	0.49895	0.65819	0.84146	0.38963	0.31738	0.53706	0.37307	0.62962	0.26495	0.58096	0.46269
PC(30:1)	0.57419	0.64758	0.43293	0.41045	0.45902	0.55419	0.46702	0.69027	0.42533	0.57769	0.69887	0.37621	0.42266	0.55812	0.52671	0.30369	0.23503	0.27624	0.28171	0.37740	0.27564	0.33106	0.26594
PC(31:0)	0.26437	0.33059	0.27932	0.18635	0.19762	0.22557	0.16634	0.39010	0.14326	0.34516	0.50462	0.45787	0.19295	0.24960	0.27244	0.11720	0.12633	0.18201	0.10956	0.18723	0.09274	0.18218	0.15974
PC(31:1)	0.40504	0.53359	0.29698	0.17230	0.19695	0.32632	0.25097	0.62957	0.17919	0.40048	0.64453	0.26432	0.29550	0.31231	0.29140	0.16318	0.11731	0.17590	0.13899	0.24093	0.11464	0.21580	0.15754
PC(31:2)	0.05971	0.06921	0.02359	0.00865	0.01094	0.03176	0.02410	0.06421	0.01521	0.05290	0.06210	0.02504	0.02556	0.02684	0.03368	0.02252	0.01137	0.02171	0.00761	0.02716	0.01112	0.02525	0.01419
PC(32:0)	1.46687	1.86411	1.52538	1.36754	1.35541	1.24880	0.94631	2.10906	0.85695	1.50521	2.65716	2.89369	1.29454	1.51009	1.47222	0.48599	0.53224	0.86743	0.53788	0.92454	0.46857	0.89879	0.84043
PC(32:1)	6.39215	7.86743	4.89587	2.91918	3.06065	4.73461	3.72522	9.06427	3.05413	6.01776	9.10673	5.53997	4.99888	5.63363	4.93440	2.18421	1.87337	2.71236	2.20533	3.61137	2.27591	3.09807	2.72530
PC(32:2)	1.09139	1.26082	0.56237	0.32817	0.35766	0.82635	0.62497	1.50175	0.45119	0.77067	1.16120	0.47089	0.76849	0.98319	0.60295	0.43006	0.28711	0.32962	0.39375	0.57044	0.36595	0.52987	0.37484
PC(33:0)	0.48042	0.62537	0.52417	0.41588	0.62540	0.58178	0.45382	0.76858	0.41477	0.91478	0.83875	1.02519	0.50788	0.68577	0.50412	0.25739	0.41952	0.49486	0.32329	0.31964	0.24449	0.46184	0.47038
PC(33:1)	1.98289	2.39165	1.67450	1.16945	1.48201	1.73809	1.45971	2.91827	1.15132	1.61323	2.89722	1.79341	1.78899	1.90915	1.34034	0.69684	0.75284	0.93776	0.87738	1.03438	0.76186	1.07242	1.01859
PC(33:2)	1.01789	1.15299	0.57336	0.37307	0.50138	0.83436	0.73416	1.52784	0.57750	0.81653	1.27539	0.40032	0.89197	0.77851	0.61839	0.48159	0.32283	0.34862	0.50755	0.53745	0.33652	0.60352	0.40386
PC(33:3)	0.12866	0.15087	0.04782	0.03822	0.05223	0.09086	0.05903	0.18878	0.05655	0.09312	0.13551	0.05168	0.10235	0.09324	0.08208	0.06678	0.04260	0.04019	0.07574	0.06546	0.03112	0.08762	0.04726
PC(33:4)	0.00825	0.01222	0.00000	0.00071	0.00329	0.00751	0.00267	0.01681	0.00508	0.00675	0.01169	0.00104	0.01268	0.00834	0.00459	0.00536	0.00000	0.00285	0.00578	0.00181	0.00000	0.00267	0.00033
PC(34:1)	27.64928	33.87672	26.71506	21.39403	25.37380	26.27694	22.50734	42.72035	19.79211	22.12419	43.83604	35.53845	29.57315	31.63975	21.05824	13.56989	14.28272	16.93112	15.54054	18.62505	15.09955	19.49018	20.46778
PC(34:2)	7.32960	8.49938	4.69302	3.05946	4.39062	5.96851	5.08561	9.73012	4.04950	4.56700	8.79397	4.14218	6.33366	7.68428	3.67734	3.76589	3.21575	3.34945	4.00395	4.36319	3.76664	4.63321	4.53523
PC(34:3)	1.06954	1.31434	0.43455	0.38373	0.53137	0.88819	0.63961	1.33684	0.54401	0.56696	1.17877	0.40839	0.85314	1.00934	0.53125	0.54415	0.42808	0.39419	0.61143	0.56636	0.40419	0.65191	0.56041
PC(34:4)	0.50966	0.49614	0.15381	0.15929	0.21792	0.46876	0.36334	0.71589	0.29202	0.27724	0.58632	0.11969	0.45326	0.47442	0.27519	0.42000	0.28828	0.18276	0.44013	0.34004	0.19012	0.43403	0.27897
PC(34:5)	0.41014	0.38793	0.09885	0.11960	0.15844	0.35833	0.23924	0.52768	0.22456	0.16717	0.42303	0.08029	0.31038	0.38315	0.17589	0.40124	0.25631	0.14074	0.45059	0.24984	0.15350	0.36248	0.24987
PC(35:0)	0.28316	0.35264	0.33938	0.24633	0.30108	0.24898	0.22125	0.40680	0.19741	0.42872	0.44568	0.63920	0.23244	0.28081	0.27434	0.15611	0.18486	0.25647	0.19109	0.19826	0.15302	0.30250	0.26095
PC(35:1)	1.99162	2.21611	1.95045	1.41944	1.65233	1.64863	1.52359	2.65682	1.25072	1.79343	2.76965	2.49049	1.69193	1.91695	1.39742	1.13537	1.22063	1.29844	1.17948	1.39386	1.00020	1.49333	1.44576
PC(35:2)	4.13543	4.66869	3.07263	1.91376	2.94637	2.38872	2.38708	4.97987	2.51719	3.04257	5.52347	1.90966	3.65897	3.40079	2.30262	2.66361	2.44416	2.04465	2.40691	2.67935	1.89670	2.96186	2.83526
PC(35:3)	0.53235	0.57420	0.24901	0.19640	0.32747	0.38592	0.32512	0.66149	0.26293	0.37214	0.62929	0.20612	0.46424	0.36088	0.33193	0.37913	0.32381	0.27757	0.34890	0.38716	0.20980	0.42355	0.33832
PC(35:4)	0.31383	0.40105	0.13321	0.11791	0.14514	0.26065	0.22095	0.39838	0.15663	0.16992	0.38095	0.09079	0.22729	0.23547	0.16277	0.23691	0.18412	0.15426	0.22685	0.23465	0.11993	0.26552	0.16252
PC(35:5)	0.39351	0.53898	0.12726	0.13171	0.17849	0.36714	0.23026	0.54461	0.20740	0.17092	0.45417	0.10213	0.31296	0.31424	0.16769	0.31279	0.23355	0.14959	0.33460	0.23519	0.13075	0.29797	0.19846
PC(35:6)	0.02377	0.01780	0.00655	0.00485	0.00280	0.01889	0.01667	0.03675	0.00920	0.00306	0.02624	0.01508	0.00968	0.01173	0.00196	0.01068	0.00914	0.00181	0.02322	0.00595	0.00664	0.00944	0.00643
PC(36:1)	9.60555	11.92334	12.19186	10.12657	9.76457	10.08941	8.39639	14.38215	6.91360	8.16986	12.72940	20.04479	10.77760	10.80290	8.01946	6.42247	6.96380	8.29677	5.44352	9.06798	5.92419	9.34043	8.84523
PC(36:2)	8.43874	10.11189	7.19902	5.20584	6.94622	7.85391	6.78839	11.98726	5.33241	5.90629	10.42983	8.02744	7.79761	9.36259	4.89539	5.39007	5.81927	5.46282	4.85619	6.29418	5.47436	6.17397	7.42531
PC(36:3)	2.03400	2.56063	1.19121	0.93052	1.27729	2.01722	1.62350	2.73538	1.15503	1.36484	2.60310	1.15473	1.84234	2.06018	1.18918	1.45525	1.19449	1.18912	1.34911	1.47427	1.05613	1.65618	1.44114
PC(36:4)	5.85114	7.78630	2.92322	2.65935	3.37037	5.94359	4.96469	8.30421	3.44750	3.81626	8.70623	3.05691	5.66358	5.40974	3.69680	5.28101	4.15277	4.05574	5.01602	5.56989	3.13156	6.21053	4.07488
PC(36:5)	12.23176	16.27559	4.76059	4.82593	6.19101	12.00188	8.16536	16.35929	7.50198	7.38428	16.47068	5.77535	11.85026	11.82870	7.29142	11.10600	8.92978	7.57515	11.13965	9.86298	5.74185	11.26244	8.77446
PC(36:6)	1.61952	1.58341	0.34678	0.42610	0.72204	1.56528	1.04743	2.03784	0.84041	0.77610	1.88019	0.32189	1.33978	1.43284	0.72435	1.80663	1.33547	0.70684	1.89834	1.16492	0.70031	1.59099	1.21488
PC(36:7)	0.03960	0.03234	0.00460	0.00340	0.01709	0.03578	0.03868	0.07199	0.02522	0.01843	0.05522	0.00526	0.02913	0.02996	0.01017	0.05655	0.03359	0.00819	0.05634	0.02502	0.01476	0.03975	0.03162
PC(37:0)	0.00866	0.01457	0.03501	0.02102	0.01781	0.01008	0.01037	0.01225	0.01015	0.03015	0.01861	0.07982	0.00469	0.01006	0.01473	0.00161	0.00282	0.01023	0.00000	0.00288	0.00201	0.01372	0.00955
PC(37:1)	0.24639	0.30801	0.33722	0.28498	0.32991	0.21292	0.17638	0.38072	0.18051	0.28690	0.37573	0.63656	0.26020	0.27277	0.22336	0.12791	0.18845	0.20972	0.14132	0.18082	0.11197	0.21925	0.24504
PC(37:2)	0.29893	0.27719	0.31013	0.27872	0.31072	0.24453	0.21812	0.39417	0.22522	0.25129	0.36190	0.35423	0.28731	0.29790	0.20312	0.18447	0.20687	0.16792	0.14665	0.18173	0.14403	0.21239	0.21998
PC(37:3)	0.14072	0.16527	0.08807	0.08309	0.09688	0.12063	0.08504	0.18853	0.05949	0.15186	0.17593	0.16861	0.11516	0.11031	0.10655	0.09495	0.08589	0.09891	0.08012	0.09490	0.05628	0.12678	0.09347
PC(37:4)	0.61020	0.76697	0.33335	0.29627	0.35531	0.52383	0.45594	0.79460	0.30462	0.50068	0.75742	0.43307	0.49988	0.49865	0.40537	0.46471	0.38427	0.40779	0.43187	0.53045	0.25205	0.60019	0.36796
PC(37:5)	1.52495	1.92499	0.67799	0.67537	0.79524	1.38294	0.94860	2.04692	0.77838	0.99234	1.82490	0.66920	1.26206	1.32891	0.83277	1.15666	0.96434	0.84573	1.15588	1.11300	0.62701	1.23764	0.90254
PC(37:6)	1.05397	1.38214	0.30318	0.33141	0.49153	1.10660	0.77013	1.32801	0.51430	0.48873	1.41231	0.26307	0.82002	0.77993	0.45815	0.86635	0.80333	0.55408	0.95598	0.71611	0.44292	0.88906	0.66642
PC(38:1)	0.65370	0.62576	1.05092	1.01609	0.96376	0.61160	0.42222	0.81971	0.56003	0.67231	0.78740	1.85221	0.67297	0.83270	0.58127	0.40445	0.55933	0.57284	0.34293	0.50471	0.37476	0.63303	0.69064

PC(38:2)	0.72922	0.75335	0.99619	0.81700	0.89660	0.71724	0.53418	0.94268	0.59882	0.64931	0.93282	1.19687	0.72444	0.90736	0.63276	0.45625	0.55539	0.51729	0.37434	0.55984	0.45862	0.56728	0.72574
PC(38:3)	0.93405	1.24604	0.78263	0.75689	0.81895	1.20063	0.96946	1.53557	0.66217	0.79619	1.22822	1.08514	1.20322	1.14362	0.77842	0.69565	0.56253	0.71444	0.56697	0.98538	0.50634	1.01488	0.65310
PC(38:4)	7.44528	9.97576	4.91869	4.45659	5.10523	7.43466	5.80502	10.03473	4.27676	5.53102	9.10044	5.68210	7.59724	7.27487	5.64811	5.72724	4.31170	5.52574	4.50344	7.98963	3.74728	7.65609	4.84740
PC(38:5)	20.11475	27.34289	10.31602	10.05548	11.34246	19.60581	12.95491	27.19234	11.08878	13.74445	23.35302	13.08255	18.68994	20.01174	13.24541	14.86142	12.16468	13.65699	13.64380	17.11635	9.81154	17.05416	12.95748
PC(38:6)	20.55859	28.45886	7.52347	8.65345	13.07244	25.71167	17.93712	29.46210	12.55679	12.42117	32.12270	11.01164	19.21202	20.76718	11.55483	17.72586	18.39767	16.62866	19.64422	18.38240	12.76587	20.16161	17.54124
PC(38:7)	2.02754	2.09550	0.44521	0.55801	1.06047	2.12334	1.44611	2.42175	0.96844	1.08468	2.72852	0.48793	1.70242	1.76207	0.90257	2.23438	1.99539	1.28720	2.44041	1.60266	1.02943	2.25740	1.85167
PC(38:8)	0.16775	0.14011	0.02818	0.03468	0.08607	0.12861	0.09103	0.16895	0.06684	0.06475	0.19437	0.03999	0.14063	0.12000	0.06905	0.24439	0.18925	0.08372	0.19607	0.14150	0.06270	0.19025	0.14603
PC(39:1)	0.00287	0.00357	0.02312	0.01504	0.01138	0.00150	0.00073	0.00072	0.00189	0.00418	0.00624	0.05433	0.00749	0.00169	0.00352	0.00080	0.00206	0.00198	0.00054	0.00107	0.00083	0.00407	0.00369
PC(39:2)	0.01834	0.01019	0.04475	0.03932	0.03780	0.02165	0.01042	0.02401	0.01738	0.02374	0.02456	0.04818	0.02141	0.02577	0.02291	0.00470	0.01296	0.01091	0.00532	0.00809	0.00701	0.01555	0.01729
PC(39:5)	0.85715	1.10670	0.43601	0.43512	0.60439	0.66880	0.51837	0.96301	0.38582	0.85546	1.24106	0.98963	0.72598	0.75889	0.55159	0.56734	0.62376	0.65173	0.71636	0.54660	0.35541	0.88657	0.65602
PC(39:6)	1.66404	1.95971	0.58636	0.68797	1.14074	1.63829	1.22860	2.22931	0.84519	1.11424	2.29949	0.88982	1.36629	1.51021	0.88446	1.34266	1.51278	1.27785	1.65050	1.25626	0.87768	1.56976	1.26172
PC(40:1)	0.07547	0.04479	0.18068	0.18456	0.16153	0.07461	0.02866	0.05344	0.07823	0.06432	0.10096	0.41762	0.07327	0.11523	0.06940	0.04176	0.07095	0.10081	0.04026	0.05881	0.04248	0.09827	0.12920
PC(40:10)	0.18454	0.30838	0.03424	0.02787	0.05291	0.13289	0.09223	0.15714	0.08311	0.06517	0.18479	0.03780	0.15413	0.12143	0.05729	0.52871	0.29703	0.06200	0.27745	0.17288	0.04762	0.28527	0.19072
PC(40:2)	0.14300	0.11788	0.28426	0.26938	0.26563	0.13548	0.10456	0.14954	0.15636	0.12021	0.17294	0.33765	0.16713	0.21255	0.12286	0.09239	0.12488	0.10252	0.07329	0.09486	0.08436	0.12261	0.20229
PC(40:3)	0.04135	0.04303	0.07798	0.09776	0.07007	0.06212	0.04818	0.08165	0.05607	0.07104	0.06507	0.12815	0.07233	0.08029	0.07109	0.01549	0.02427	0.04599	0.02576	0.02353	0.01851	0.03726	0.03646
PC(40:4)	0.253708	0.251839	0.050073	0.06562	0.208928	0.11844	0.094441	0.099184	0.14088	0.384905	0.337592	0.379608	0.202252	0.378473	0.089324	0.154525	0.151493	0.82457	0.131119	0.186773	0.082395	0.233962	0.350414
PC(40:5)	3.11790	3.86109	2.07759	2.09075	2.86669	3.67421	2.86388	4.91775	2.00414	2.79499	4.52577	3.24821	3.65600	3.72684	2.46638	2.53209	2.53036	2.80684	2.56951	2.83236	1.80916	3.31302	2.22603
PC(40:6)	11.18483	16.67849	5.97243	6.09228	9.63496	13.66231	9.43913	18.61447	6.38283	8.05577	15.43631	9.91977	13.05072	13.14413	7.22917	9.26248	9.68991	12.74210	9.39849	11.95112	7.04802	12.74436	9.45248
PC(40:7)	4.22974	4.22656	1.06731	1.23379	2.64327	4.25735	2.63351	5.09288	1.72320	2.33143	5.28560	1.37841	3.70213	3.82093	1.70384	3.79136	4.63928	2.93053	3.92779	3.26927	2.26899	3.97697	4.07138
PC(40:8)	0.44866	0.42070	0.10354	0.10757	0.19082	0.39234	0.23747	0.42804	0.14378	0.22318	0.52060	0.16912	0.34684	0.29393	0.16778	0.63341	0.48967	0.23767	0.47654	0.36972	0.16274	0.54753	0.36668
PC(40:9)	0.35501	0.36386	0.07453	0.08452	0.14211	0.32826	0.22665	0.41956	0.16816	0.13116	0.41468	0.06416	0.31942	0.31716	0.10404	0.79369	0.52817	0.17787	0.43055	0.40443	0.16346	0.58016	0.38365
PC(41:5)	0.08614	0.06740	0.02245	0.04117	0.04454	0.04770	0.01929	0.08298	0.01383	0.08734	0.08385	0.13658	0.04408	0.03964	0.04639	0.06520	0.07717	0.09173	0.07892	0.03912	0.01074	0.09404	0.08258
PC(42:10)	0.60230	0.57535	0.21282	0.13001	0.28167	0.56922	0.45722	0.74275	0.34272	0.23791	0.78796	0.19595	0.46377	0.39908	0.16444	0.98444	0.84777	0.28232	0.74678	0.48830	0.23080	0.85067	0.53384
PC(42:11)	0.49113	0.43288	0.03488	0.06753	0.17702	0.45472	0.28905	0.53808	0.18560	0.17826	0.64783	0.03946	0.45478	0.30596	0.10191	1.25937	1.07732	0.25354	0.91433	0.48464	0.15039	0.90910	0.64461
PC(42:2)	0.00473	0.00381	0.04080	0.03309	0.02864	0.00835	0.00256	0.00347	0.01141	0.00939	0.00909	0.06763	0.00980	0.00648	0.01272	0.00274	0.01246	0.00300	0.00730	0.00344	0.00256	0.01227	0.01773
PC(42:5)	0.21457	0.20587	0.13150	0.15856	0.18896	0.12924	0.08117	0.24162	0.09746	0.20192	0.23497	0.22066	0.19909	0.23746	0.11235	0.15806	0.14892	0.19395	0.15456	0.17167	0.08469	0.24738	0.22516
PC(42:6)	0.62836	0.56294	0.23042	0.35048	0.47861	0.42431	0.20734	0.72265	0.27229	0.53775	0.66800	0.48680	0.53130	0.64753	0.22882	0.41343	0.47100	0.54407	0.44520	0.42375	0.22528	0.54622	0.62298
PC(42:7)	0.38065	0.42187	0.12705	0.20175	0.32465	0.39463	0.20721	0.50400	0.17142	0.24916	0.50414	0.20421	0.43355	0.48043	0.15134	0.34379	0.44068	0.39506	0.32348	0.35285	0.21463	0.44177	0.45540
PC(42:8)	0.11198	0.12342	0.03981	0.04231	0.05723	0.08483	0.07961	0.11909	0.05353	0.05523	0.13390	0.05447	0.07972	0.05798	0.03530	0.10470	0.10877	0.08792	0.10507	0.07905	0.04305	0.11809	0.08592
PC(44:10)	0.09216	0.09529	0.07928	0.06365	0.11388	0.12378	0.14982	0.19899	0.13322	0.09067	0.13404	0.09430	0.12343	0.13456	0.07723	0.08924	0.09167	0.05431	0.08678	0.06672	0.05057	0.10002	0.06980
PC(44:6)	0.03272	0.04017	0.03808	0.04401	0.05227	0.03706	0.01739	0.06792	0.01774	0.03181	0.05603	0.05546	0.06391	0.03969	0.04674	0.04425	0.08019	0.05520	0.03982	0.04094	0.01809	0.06027	0.06381
PC(44:9)	0.04450	0.05931	0.03625	0.04226	0.03989	0.02342	0.01691	0.04314	0.01892	0.01401	0.03938	0.06162	0.03641	0.03104	0.02068	0.05162	0.05875	0.05589	0.02804	0.06322	0.03052	0.05466	0.05497
PC(46:7)	0.01234	0.01067	0.00922	0.01277	0.01957	0.01096	0.00327	0.01759	0.00278	0.01097	0.01437	0.01759	0.01639	0.01047	0.00000	0.01438	0.02277	0.01853	0.01355	0.01141	0.00418	0.02144	0.01701
PC(O-28:0)	0.00265	0.00440	0.00584	0.00236	0.00864	0.00657	0.00521	0.02319	0.00653	0.01639	0.00967	0.01627	0.00867	0.01005	0.01319	0.00620	0.00312	0.01413	0.00818	0.00773	0.00271	0.00798	0.00867
PC(O-30:0)	0.05333	0.06530	0.08037	0.06018	0.08277	0.07190	0.05715	0.13611	0.06045	0.20881	0.12314	0.23377	0.06726	0.09533	0.13172	0.04189	0.03983	0.13986	0.05589	0.06097	0.04221	0.07536	0.07469
PC(O-32:0)	0.09554	0.13602	0.14969	0.12978	0.09174	0.10674	0.07117	0.13830	0.06117	0.27962	0.24966	0.54165	0.08400	0.12239	0.22133	0.05661	0.06372	0.19004	0.06661	0.09836	0.07747	0.12447	0.12453
PC(O-34:0)	0.04706	0.06326	0.07873	0.05126	0.03701	0.05205	0.02174	0.05890	0.02101	0.10620	0.11175	0.28857	0.02270	0.04323	0.06836	0.00953	0.01150	0.04719	0.01055	0.02065	0.01563	0.02996	0.02453
PC(P-28:0)/PC(O-28:1)	0.00539	0.00301	0.00644	0.00058	0.01642	0.00862	0.00657	0.01910	0.01428	0.05940	0.01826	0.02023	0.01519	0.02468	0.02130	0.01300	0.01229	0.04136	0.01794	0.01754	0.00782	0.01858	0.02467
PC(P-30:0)/PC(O-30:1)	0.19599	0.21409	0.21161	0.12333	0.22036	0.16221	0.13259	0.24131	0.16888	0.72222	0.52273	0.61299	0.18310	0.27118	0.32425	0.13664	0.13374	0.49816	0.16175	0.18721	0.09743	0.20697	0.23685
PC(P-30:1)/PC(O-30:2)	0.01738	0.00956	0.01183	0.00143	0.01312	0.00642	0.00930	0.02009	0.01180	0.09703	0.05070	0.03496	0.01451	0.02179	0.02764	0.01542	0.01418	0.05212	0.01780	0.02238	0.00695	0.02115	0.02836
PC(P-32:0)/ PC(O-32:1)	0.52012	0.64554	0.57586	0.43013	0.42676	0.35234	0.27878	0.67809	0.26294	0.99001	1.02245	1.81039	0.41978	0.50993	0.62134	0.20389	0.20701	0.66773	0.25401	0.32967	0.21826	0.36098	0.35845
PC(P-32:1)/PC(O-32:2)	0.27653	0.30097	0.22437	0.14755	0.22418	0.19045	0.15975	0.38940	0.16968	0.63123	0.55456	0.65357	0.22878	0.26735	0.28452	0.09280	0.09598	0.32782	0.12585	0.14397	0.07695	0.14335	0.16990
PC(P-32:2)/PC(O-32:3)	0.01241	0.01219	0.00846	0.00255	0.00809	0.00677	0.00000	0.02009	0.00353	0.05024	0.02372	0.03687	0.01215	0.00657	0.01253	0.00438	0.00495	0.02418	0.00256	0.00458	0.00167	0.00673	0.00955
PC(P-34:0)/PC(O-34:1)	0.57657	0.79640	0.81839	0.59349	0.48382	0.50398	0.29048	0.74693	0.29193	1.03046	1.09631	2.62440	0.37153	0.60648	0.70485	0.17543	0.19852	0.64514	0.20311	0.29515	0.22397	0.33147	0.37042
PC(P-34:1)/PC(O-34:2)	0.97918	0.90822	1.21104	0.70153	0.64831	0.93224	0.62214	1.41023	0.71094	1.87901	1.39521	2.87163	0.59116	0.93361	0.88310	0.36990	0.37368	0.92933	0.53893	0.36289	0.36930	0.50712	0.49089
PC(P-34:2)/PC(O-34:3)	0.07486	0.07742	0.04996	0.04022	0.04319	0.05695	0.03456	0.12218	0.03493	0.15488	0.11959	0.18437	0.04786	0.05528	0.06769	0.01645	0.02175	0.08423	0.03380	0.02805	0.01641	0.04532	0.04175
PC(P-34:3)/PC(O-34:4)	0.02801	0.03445	0.00925	0.01009	0.01804	0.01500	0.01170	0.04619	0.01213	0.06728	0.04945	0.05475	0.02946	0.01913	0.02734	0.00412	0.00618	0.04326	0.01004	0.01000	0.00210	0.02179	0.02012
PC(P-34:4)/PC(O-34:5)	0.19796	0.24892	0.15087	0.12000	0.16164	0.15521	0.13040	0.25004	0.11978	0.23189	0.28946	0.27370	0.19583	0.17994	0.13507	0.08804	0.09515	0.19594	0.12746	0.12685	0.10319	0.16268	0.17008
PC(P-36:0)/ PC(O-36:1)	0.03560	0.07236	0.06327	0.05957	0.04050	0.06141	0.01816	0.04227	0.01658	0.10178	0.06791	0.33329	0.03295	0.05441	0.05766	0.00683	0.00839	0.06630	0.01519	0.01703	0.01982	0.03581	0.03126
PC(P-36:1)/ PC(O-36:2)	0.16932	0.19704	0.24610	0.18645	0.20674	0.16771	0.11133	0.26047	0.12208	0.30659	0.27783	0.72166	0.16244	0.22927	0.16617	0.07022	0.07242	0.22630	0.07383	0.10042	0.07926	0.10270	0.13283
PC(P-36:2)/ PC(O-36:3)	0.12461	0.15210	0.14880	0.10426	0.10337	0.12761	0.08592	0.21925	0.08684	0.24200	0.18449	0.44203	0.08966	0.12816	0.10430	0.06075	0.07100	0.17858	0.07507	0.05197	0.05793	0.06319	0.08018
PC(P-36:3)/ PC(O-36:4)	0.21416	0.37330	0.11998	0.13361	0.13805	0.16000	0.12268	0.25843	0.09936	0.30044	0.34749	0.59442	0.21416	0.19833	0.17895	0.09736	0.09684	0.33845	0.12425	0.17891	0.12615	0.22298	0.17453
PC(P-36:4)/ PC(O-36:5)	0.60256	0.88371	0.34141	0.38443	0.45871	0.43254	0.33463	0.61128	0.33420	0.95623	0.96029	1.42019	0.64744	0.58476	0.48839	0.32470	0.32473	0.92850	0.42276	0.52703	0.27688	0.55530	0.50444
PC(P-36:5)/PC(O-36:6)	0.64352	0.74736	0.29368	0.34352	0.57094	0.41986	0.38035	0.65327	0.38421	0.95090	0.97876	1.12480	0.67834	0.77508	0.42954	0.42786	0.38218	1.00375	0.48244	0.54057	0.27182	0.57267	0.58483
PC(P-36:6)/PC(O-36:7)	0.11696	0.10423	0.08312	0.08323	0.11751	0.10784	0.07833	0.14268	0.09076	0.17292	0.18360	0.22254	0.11791	0.21639	0.04189	0.09448	0.08663	0.31327	0.08994	0.11177	0.04775	0.14443	0.14590
PC(P-38:1)/PC(O-38:2)	0.02359	0.03350	0.07049	0.07300	0.04910	0.02789	0.01448	0.03825	0.02581	0.05513	0.03870	0.32567	0.02587	0.04920	0.03984	0.01988	0.02264	0.07577	0.01338	0.02981	0.02072	0.03767	0.04760
PC(P-38:3)/PC(O-38:4)	0.07400	0.19168	0.04291	0.06609	0.05145	0.07291	0.05453	0.08000	0.03078	0.12418	0.13037	0.32864	0.09207	0.08039	0.10618	0.03991	0.03192	0.18328	0.04769	0.08439	0.05282	0.11381	0.06226
PC(P-38:4)/PC(O-38:5)	0.48880	0.68358	0.25349	0.30964	0.38201	0.33829	0.26793	0.51642	0.23189	0.73309	0.72307	1.34560	0.51111	0.54453	0.43458	0.24392	0.22555	0.94709	0.29771	0.45098	0.24378	0.48671	0.39181
PC(P-38:5)/PC(O-38:6)	1.16130	1.29574	0.57162	0.59739	1.00753	0.79799	0.65859	1.16035	0.61398	1.83423	1.66164	2.50547	1.13819	1.38820	0.86537	0.61889	0.60908	2.35553	0.80592	0.93181	0.46157	1.05864	0.99264

PC(P-38:6)/PC(O-38:7)	0.76194	0.76733	0.25298	0.31045	0.54316	0.51667	0.33921	0.61224	0.33154	1.33616	1.04661	1.36117	0.69897	0.75716	0.48332	0.44585	0.45972	1.70758	0.59909	0.57148	0.25026	0.72400	0.64581
PC(P-40:4)/PC(O-40:5)	0.04436	0.06559	0.02811	0.03687	0.03144	0.01722	0.00688	0.02718	0.00525	0.08725	0.04796	0.24436	0.04226	0.05163	0.05194	0.01646	0.01163	0.14554	0.02418	0.03294	0.02197	0.06797	0.03467
PC(P-40:5)/PC(O-40:6)	0.16779	0.21645	0.10647	0.12494	0.16697	0.10860	0.09048	0.16305	0.07406	0.35466	0.21889	0.64475	0.18882	0.21720	0.17276	0.08486	0.07977	0.54823	0.10400	0.16853	0.08307	0.18100	0.15621
PC(P-42:7)/PC(O-42:8)	0.06391	0.08896	0.05248	0.10395	0.12191	0.07914	0.07486	0.13736	0.07298	0.06340	0.06437	0.07874	0.04580	0.04840	0.04992	0.03561	0.04042	0.07529	0.04244	0.05226	0.03914	0.05652	0.04846
PE(32:1)	0.00368	0.01467	0.00876	0.00281	0.00039	0.00207	0.00141	0.00849	0.00025	0.00397	0.00126	0.00119	0.00201	0.00395	0.00820	0.00178	0.00126	0.00766	0.00241	0.00310	0.00228	0.00716	0.00320
PE(32:2)	0.00000	0.00449	0.00092	0.00000	0.00000	0.00000	0.00000	0.00099	0.00000	0.00090	0.00000	0.00000	0.00000	0.00020	0.00154	0.00000	0.00000	0.00138	0.00012	0.00011	0.00000	0.00029	0.00000
PE(34:1)	0.02910	0.03631	0.04120	0.03463	0.00932	0.02819	0.01790	0.05316	0.00557	0.04436	0.02621	0.03873	0.02146	0.02856	0.05730	0.01999	0.02970	0.04663	0.03656	0.03471	0.03299	0.10830	0.05909
PE(34:2)	0.03425	0.05214	0.03996	0.03876	0.04097	0.03227	0.02310	0.05367	0.02198	0.03003	0.03351	0.03178	0.03610	0.04561	0.03201	0.02027	0.02216	0.03028	0.02009	0.03298	0.02351	0.03120	0.02676
PE(34:3)	0.00000	0.00117	0.00000	0.00000	0.00015	0.00039	0.00000	0.00116	0.00000	0.00064	0.00019	0.00000	0.00031	0.00040	0.00020	0.00000	0.00020	0.00020	0.00017	0.00038	0.00000	0.00162	0.00043
PE(35:1)	0.00126	0.00148	0.00272	0.00220	0.00071	0.00213	0.00059	0.00361	0.00019	0.00419	0.00078	0.00372	0.00077	0.00219	0.00558	0.00048	0.00227	0.00364	0.00257	0.00165	0.00156	0.00982	0.00429
PE(35:2)	0.00313	0.00560	0.00172	0.00311	0.00082	0.00586	0.00081	0.00565	0.00012	0.00727	0.00254	0.00029	0.00184	0.00228	0.00514	0.00335	0.00505	0.00320	0.00404	0.00201	0.00121	0.00703	0.00500
PE(36:2)	0.03416	0.03446	0.04391	0.02482	0.01202	0.02938	0.01200	0.03919	0.00272	0.03912	0.01741	0.02876	0.01625	0.03033	0.04250	0.01706	0.02693	0.02943	0.02473	0.02184	0.01948	0.06273	0.04226
PE(36:5)	0.25327	0.31188	0.19446	0.27415	0.37156	0.24965	0.23517	0.24459	0.24791	0.20170	0.18161	0.11611	0.23556	0.24811	0.29332	0.15494	0.13182	0.16594	0.14325	0.21191	0.18004	0.20927	0.15944
PE(36:6)	0.00494	0.00444	0.00100	0.00137	0.00079	0.00548	0.00102	0.00944	0.00000	0.00555	0.00412	0.00000	0.00339	0.00498	0.00492	0.00454	0.00320	0.00363	0.00795	0.00634	0.00256	0.01242	0.00727
PE(37:4)	0.00515	0.00576	0.00359	0.00331	0.00018	0.00880	0.00313	0.01165	0.00000	0.00795	0.00387	0.00158	0.00292	0.00305	0.01106	0.00364	0.00325	0.00925	0.00640	0.00555	0.00279	0.01725	0.00594
PE(37:5)	0.00458	0.00832	0.00149	0.00238	0.00000	0.01309	0.00192	0.01145	0.00038	0.00195	0.00316	0.00000	0.00373	0.00178	0.00625	0.00308	0.00320	0.00195	0.00552	0.00327	0.00332	0.01441	0.00290
PE(38:3)	0.01787	0.02161	0.01826	0.01630	0.00641	0.02281	0.01062	0.03262	0.00094	0.03738	0.01802	0.01953	0.01535	0.01400	0.04201	0.01133	0.01289	0.02969	0.01792	0.02037	0.01107	0.05448	0.02090
PE(38:4)	0.18771	0.23501	0.17667	0.18986	0.07740	0.22194	0.11933	0.36984	0.03948	0.29822	0.20692	0.16599	0.17031	0.16525	0.40726	0.15879	0.16402	0.34171	0.19514	0.27947	0.14513	0.63911	0.27844
PE(38:5)	0.35196	0.42484	0.23575	0.26813	0.16451	0.33065	0.16134	0.53186	0.09283	0.48182	0.30997	0.23894	0.28059	0.30937	0.62094	0.25162	0.24813	0.46210	0.31645	0.39483	0.22869	0.73831	0.42618
PE(38:6)	0.44289	0.54181	0.38298	0.34310	0.39100	0.46253	0.32695	0.57101	0.25412	0.43405	0.43688	0.33435	0.39789	0.44780	0.56305	0.33155	0.38847	0.63725	0.43213	0.51601	0.37161	0.86799	0.51384
PE(38:7)	0.01005	0.01353	0.00331	0.00340	0.00489	0.01213	0.00425	0.02451	0.00106	0.01123	0.01182	0.00380	0.00913	0.01260	0.01182	0.01140	0.01234	0.01667	0.01797	0.01531	0.00713	0.03643	0.01728
PE(38:8)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00097	0.00000	0.00000	0.00021	0.00000	0.00000	0.00022	0.00000	0.00000	0.00018	0.00000	0.00102	0.00035	0.00000	0.00298	0.00091
PE(39:5)	0.00665	0.00591	0.00407	0.00280	0.00114	0.00609	0.00146	0.01132	0.00044	0.00662	0.00469	0.00492	0.00355	0.00377	0.00652	0.00425	0.00534	0.00743	0.00701	0.00494	0.00256	0.02021	0.00905
PE(39:6)	0.00853	0.01470	0.00323	0.00033	0.00032	0.01479	0.00712	0.02807	0.00146	0.00222	0.00665	0.00013	0.00113	0.00451	0.00119	0.00844	0.01491	0.00959	0.01832	0.01530	0.01084	0.05413	0.01645
PE(39:7)	0.00168	0.00053	0.00022	0.00046	0.00061	0.00030	0.00000	0.00199	0.00000	0.00060	0.00293	0.00223	0.00154	0.00233	0.00178	0.00000	0.00393	0.00433	0.00081	0.00201	0.00031	0.00134	0.00363
PE(40:4)	0.00113	0.00179	0.00455	0.00304	0.00086	0.00142	0.00049	0.00527	0.00000	0.01080	0.00198	0.00953	0.00203	0.00315	0.01205	0.00139	0.00192	0.00658	0.00176	0.00232	0.00046	0.01570	0.00508
PE(40:5)	0.02701	0.03938	0.02609	0.02545	0.02026	0.03388	0.01705	0.05878	0.00676	0.05756	0.03264	0.03549	0.02757	0.03608	0.07145	0.02611	0.03507	0.06395	0.04498	0.04431	0.02609	0.12794	0.05434
PE(40:6)	0.07217	0.09619	0.05903	0.06952	0.05091	0.08574	0.04910	0.20122	0.01618	0.11294	0.08427	0.09342	0.08133	0.10979	0.14784	0.06885	0.10732	0.23570	0.09270	0.14557	0.06840	0.29557	0.15790
PE(40:7)	0.05229	0.05701	0.01534	0.02149	0.02376	0.04696	0.01578	0.09116	0.00399	0.06121	0.04444	0.01939	0.03712	0.06453	0.06375	0.03593	0.06642	0.08446	0.06748	0.06460	0.03521	0.15865	0.08596
PE(40:8)	0.00400	0.00246	0.00000	0.00047	0.00135	0.00316	0.00012	0.00600	0.00000	0.00573	0.00378	0.00061	0.00237	0.00377	0.00489	0.00559	0.00545	0.00331	0.00549	0.00536	0.00140	0.01226	0.00420
PE(40:9)	0.00422	0.00196	0.00000	0.00047	0.00000	0.00295	0.00000	0.00468	0.00000	0.00197	0.00231	0.00000	0.00251	0.00223	0.00280	0.00670	0.00404	0.00187	0.00588	0.00467	0.00074	0.01023	0.00503
PE(41:6)	0.00301	0.00425	0.00064	0.00326	0.00209	0.00279	0.00000	0.00528	0.00000	0.00980	0.00301	0.00771	0.00261	0.00377	0.00553	0.00317	0.00401	0.00781	0.00510	0.00342	0.00094	0.01206	0.00795
PE(41:7)	0.00047	0.00076	0.00003	0.00075	0.00034	0.00049	0.00009	0.00204	0.00000	0.00092	0.00078	0.00014	0.00110	0.00081	0.00064	0.00104	0.00157	0.00096	0.00166	0.00074	0.00106	0.00454	0.00098
PE(42:11)	0.00048	0.00024	0.00000	0.00000	0.00024	0.00076	0.00000	0.00082	0.00000	0.00070	0.00050	0.00055	0.00014	0.00089	0.00035	0.00104	0.00171	0.00048	0.00228	0.00156	0.00000	0.00443	0.00210
PE(42:6)	0.00689	0.00482	0.00038	0.00365	0.00477	0.00266	0.00046	0.00793	0.00000	0.01533	0.00378	0.00476	0.00198	0.00594	0.01066	0.00207	0.00315	0.00960	0.00506	0.00399	0.00033	0.01195	0.00874
PE(42:7)	0.00087	0.00115	0.00000	0.00105	0.00052	0.00080	0.00012	0.00447	0.00000	0.00222	0.00192	0.00025	0.00043	0.00225	0.00336	0.00113	0.00324	0.00199	0.00138	0.00229	0.00103	0.01129	0.00605
PE(P-32:1)/PE(O-32:2)	0.00316	0.00200	0.00399	0.00371	0.00183	0.00110	0.00067	0.00711	0.00065	0.01493	0.00369	0.01089	0.00235	0.00216	0.00914	0.00220	0.00112	0.00627	0.00230	0.00205	0.00014	0.00428	0.00586
PE(P-34:0)/PE(O-34:1)	0.00511	0.00413	0.00919	0.00477	0.00616	0.00299	0.00216	0.00781	0.00136	0.01902	0.00670	0.02139	0.00419	0.00612	0.01455	0.00313	0.00159	0.01536	0.00530	0.00416	0.00103	0.01017	0.01211
PE(P-34:1)/PE(O-34:2)	0.02680	0.02318	0.04095	0.03238	0.02362	0.01837	0.01117	0.04076	0.00710	0.07049	0.02781	0.09051	0.01998	0.02300	0.05784	0.01603	0.01309	0.04444	0.02066	0.02114	0.01055	0.03449	0.03378
PE(P-34:2)/PE(O-34:3)	0.00867	0.00630	0.00729	0.00837	0.00731	0.00489	0.00092	0.01324	0.00047	0.02645	0.00759	0.02348	0.00577	0.00681	0.01938	0.00515	0.00513	0.01596	0.00776	0.00646	0.00143	0.01047	0.01355
PE(P-36:0)/PE(O-36:1)	0.00267	0.00283	0.00838	0.00418	0.00293	0.00160	0.00097	0.00312	0.00000	0.01162	0.00353	0.01631	0.00240	0.00513	0.00860	0.00159	0.00060	0.00720	0.00284	0.00170	0.00097	0.00695	0.00785
PE(P-36:1)/PE(O-36:2)	0.01655	0.01275	0.03160	0.01390	0.00984	0.00536	0.00384	0.01323	0.00132	0.03589	0.01226	0.04351	0.00689	0.01209	0.02699	0.00737	0.00592	0.02524	0.00899	0.01038	0.00421	0.01747	0.01734
PE(P-36:2)/PE(O-36:3)	0.01785	0.01350	0.02686	0.02073	0.01718	0.01000	0.00344	0.02350	0.00188	0.04410	0.01702	0.06319	0.01029	0.01361	0.03318	0.01058	0.01113	0.02738	0.01312	0.00991	0.00423	0.02138	0.02804
PE(P-36:3)/PE(O-36:4)	0.00325	0.00505	0.00358	0.00439	0.00242	0.00347	0.00084	0.01162	0.00039	0.02204	0.00665	0.01880	0.00353	0.00559	0.01546	0.00498	0.00482	0.01630	0.00649	0.00622	0.00191	0.01240	0.01278
PE(P-36:4)/PE(O-36:5)	0.03283	0.03424	0.01694	0.02739	0.02084	0.02539	0.01227	0.06211	0.00709	0.10032	0.04568	0.08285	0.03103	0.03758	0.08479	0.02940	0.02454	0.07554	0.03747	0.03699	0.01273	0.05948	0.05305
PE(P-36:5)/PE(O-36:6)	0.04950	0.05064	0.01740	0.02990	0.04015	0.03581	0.01878	0.06958	0.01147	0.15949	0.07570	0.09607	0.04381	0.06547	0.09475	0.04128	0.02722	0.11494	0.05739	0.05507	0.02162	0.08585	0.08926
PE(P-36:6)/PE(O-36:7)	0.05285	0.05416	0.03162	0.03157	0.04480	0.03119	0.02549	0.04675	0.02349	0.08482	0.05243	0.04695	0.04024	0.05820	0.06605	0.03822	0.02883	0.07452	0.03904	0.05000	0.02817	0.05819	0.05687
PE(P-38:0)/PE(O-38:1)	0.00199	0.00120	0.00608	0.00461	0.00342	0.00059	0.00046	0.00257	0.00026	0.00944	0.00256	0.01872	0.00190	0.00437	0.00706	0.00316	0.00147	0.00348	0.00378	0.00175	0.00043	0.00810	0.00969
PE(P-38:1)/PE(O-38:2)	0.00783	0.00536	0.01711	0.00929	0.00595	0.00265	0.00083	0.00681	0.00035	0.01989	0.00510	0.03173	0.00383	0.00857	0.01328	0.00540	0.00281	0.01148	0.00463	0.00349	0.00149	0.01183	0.01272
PE(P-38:2)/PE(O-38:3)	0.00599	0.00319	0.01489	0.00540	0.00315	0.00185	0.00020	0.00255	0.00000	0.00898	0.00157	0.01734	0.00185	0.00187	0.00887	0.00119	0.00018	0.00449	0.00138	0.00033	0.00000	0.00496	0.00632
PE(P-38:3)/PE(O-38:4)	0.01331	0.01356	0.01312	0.01101	0.00981	0.00780	0.00540	0.01917	0.00139	0.04067	0.01387	0.03761	0.01010	0.01391	0.03812	0.01079	0.00667	0.03201	0.01671	0.01609	0.00305	0.03205	0.02022
PE(P-38:4)/PE(O-38:5)	0.09315	0.09520	0.05989	0.08216	0.08216	0.06874	0.04612	0.16497	0.02524	0.28847	0.13375	0.25208	0.10260	0.12275	0.25332	0.08856	0.06282	0.23148	0.12486	0.12462	0.03806	0.20794	0.16275
PE(P-38:5)/PE(O-38:6)	0.35760	0.36949	0.19407	0.26923	0.33003	0.26820	0.18259	0.60412	0.11114	0.98171	0.56458	0.83302	0.37765	0.48534	0.77870	0.31824	0.22690	0.90345	0.49071	0.48216	0.16552	0.71856	0.69234
PE(P-38:6)/PE(O-38:7)	0.38673	0.35299	0.15679	0.22852	0.24244	0.27570	0.15402	0.56037	0.06977	1.01456	0.48164	0.64939	0.32556	0.41666	0.72815	0.28841	0.22606	0.88420	0.36606	0.40927	0.17418	0.56447	0.52711
PE(P-38:7)/PE(O-38:8)	0.01418	0.01028	0.00091	0.00465	0.00689	0.00611	0.00156	0.01182	0.00005	0.05065	0.01521	0.02134	0.00837	0.01206	0.02636	0.01168	0.00820	0.04557	0.01826	0.01625	0.00352	0.02897	0.02285
PE(P-40:1)/PE(O-40:2)	0.00192	0.00065	0.00561	0.00547	0.00442	0.00000	0.00017	0.00216	0.00030	0.00768	0.00325	0.02248	0.00248	0.00290	0.00684	0.00340	0.00064	0.00468	0.00251	0.00071	0.00026	0.00864	0.01072
PE(P-40:2)/PE(O-40:3)	0.00288	0.00131	0.00849	0.00474	0.00392	0.00000	0.00000	0.00078	0.00000	0.00569	0.00025	0.02058	0.00053	0.00114	0.00537	0.00113	0.00084	0.00409	0.00163	0.00021	0.00018	0.00643	0.00586
PE(P-40:3)/PE(O-40:4)	0.00477	0.00454	0.00733	0.00635	0.00562	0.00296	0.00121	0.00943	0.00000	0.02085	0.00679	0.02740	0.00769	0.00574	0.01849	0.00602	0.00194	0.01558	0.00808	0.00731	0.00128	0.01944	0.01132
PE(P-40:4)/PE(O-40:5)	0.05800	0.05690	0.04839	0.07412	0.05722	0.03750	0.02719	0.09051	0.01484	0.19043	0.09477	0.21107	0.07347	0.07315	0.19371	0.06407	0.03799	0.18553	0.09176	0.09574	0.02866	0.16958	0.12871

PE(P-40:5)/PE(O-40:6)	0.24481	0.25792	0.17549	0.29121	0.26804	0.17859	0.11400	0.38470	0.07580	0.75693	0.41675	0.82859	0.32001	0.33380	0.71915	0.24017	0.16063	0.83603	0.34267	0.37980	0.13088	0.59433	0.52593
PE(P-40:6)/PE(O-40:7)	0.41539	0.38026	0.21551	0.28681	0.31143	0.27382	0.16577	0.51012	0.07324	1.15688	0.49813	0.87086	0.35841	0.45041	0.92143	0.32889	0.25877	1.18170	0.41984	0.46350	0.17915	0.71669	0.65219
PE(P-40:7)/PE(O-40:8)	0.20788	0.16089	0.06209	0.11822	0.13379	0.12874	0.03608	0.20054	0.01647	0.51036	0.18383	0.35315	0.14417	0.19018	0.31537	0.14565	0.14448	0.47472	0.19449	0.19523	0.06354	0.29407	0.29840
PE(P-40:8)/PE(O-40:9)	0.00909	0.00411	0.00013	0.00143	0.00412	0.00356	0.00042	0.00827	0.00000	0.02179	0.00753	0.00905	0.00577	0.00673	0.01552	0.00811	0.00808	0.02695	0.01291	0.01201	0.00065	0.01848	0.01300
PE(P-42:4)/PE(O-42:5)	0.00078	0.00032	0.00042	0.00330	0.00229	0.00000	0.00000	0.00124	0.00000	0.01163	0.00213	0.01453	0.00258	0.00083	0.00997	0.00238	0.00000	0.00613	0.00297	0.00194	0.00000	0.00845	0.00499
PE(P-42:5)/PE(O-42:6)	0.00918	0.00830	0.00622	0.01421	0.01560	0.00667	0.00311	0.01265	0.00151	0.04468	0.01544	0.05566	0.01275	0.01181	0.04537	0.01204	0.00767	0.03781	0.01617	0.01577	0.00672	0.03558	0.02832
PE(P-42:6)/PE(O-42:7)	0.02133	0.01774	0.01067	0.01882	0.02154	0.01096	0.00521	0.02027	0.00189	0.08751	0.02340	0.07049	0.01931	0.02323	0.06442	0.01853	0.01191	0.08267	0.02134	0.02443	0.00814	0.04660	0.04212
PE(P-42:7)/PE(O-42:8)	0.01461	0.00863	0.00477	0.01238	0.01393	0.00960	0.00243	0.01598	0.00118	0.05024	0.01329	0.04098	0.01091	0.01424	0.03649	0.01175	0.00936	0.04893	0.01623	0.01373	0.00433	0.02844	0.02375
PE(P-42:8)/PE(O-42:9)	0.00238	0.00202	0.00244	0.00333	0.00155	0.00261	0.00141	0.00515	0.00029	0.00984	0.00234	0.00403	0.00137	0.00202	0.00766	0.00164	0.00144	0.00959	0.00429	0.00241	0.00147	0.00887	0.00515
PE(P-44:6)/PE(O-44:7)	0.00000	0.00000	0.00000	0.00019	0.00034	0.00000	0.00000	0.00000	0.00000	0.00167	0.00000	0.00249	0.00000	0.00064	0.00115	0.00000	0.00012	0.00178	0.00026	0.00000	0.00000	0.00112	0.00079
PE(P-44:7)/PE(O-44:8)	0.00000	0.00033	0.00000	0.00095	0.00022	0.00000	0.00000	0.00018	0.00000	0.00245	0.00033	0.00467	0.00000	0.00015	0.00200	0.00022	0.00000	0.00212	0.00036	0.00000	0.00000	0.00318	0.00096
PE(P-44:9)/PE(O-44:10)	0.00153	0.00200	0.00301	0.00219	0.00192	0.00247	0.00086	0.00328	0.00067	0.00179	0.00052	0.00146	0.00149	0.00369	0.00229	0.00036	0.00041	0.00085	0.00072	0.00060	0.00086	0.00234	0.00178
PG(32:0)	0.00000	0.01369	0.00100	0.00011	0.00000	0.00019	0.00000	0.00018	0.00000	0.00000	0.00000	0.00138	0.00000	0.00000	0.00187	0.00000	0.00023	0.00078	0.00130	0.00000	0.00000	0.00291	0.00270
PG(32:1)	0.00000	0.04299	0.00078	0.00000	0.00000	0.00035	0.00048	0.00121	0.00000	0.00018	0.00031	0.00015	0.00012	0.00052	0.00197	0.00000	0.00000	0.00499	0.00000	0.00044	0.00000	0.00105	0.00036
PG(32:5)	0.00011	0.00000	0.00032	0.00006	0.00000	0.00013	0.00012	0.00009	0.00020	0.00017	0.00000	0.00000	0.00000	0.00000	0.00007	0.00000	0.00639	0.00666	0.00014	0.00017	0.00000	0.00016	0.00004
PG(34:1)	0.00064	0.04017	0.00149	0.00089	0.00034	0.00091	0.00189	0.00396	0.00107	0.00608	0.00153	0.00049	0.00124	0.00684	0.00143	0.00081	0.00266	0.00202	0.00158	0.00248	0.00044	0.00588	0.00271
PG(34:2)	0.00000	0.04525	0.00062	0.00042	0.00005	0.00016	0.00036	0.00244	0.00000	0.00028	0.00005	0.00050	0.00029	0.00123	0.00135	0.00116	0.00059	0.00707	0.00445	0.00169	0.00051	0.00473	0.00444
PG(34:3)	0.00037	0.00454	0.00042	0.00009	0.00000	0.00034	0.00031	0.00000	0.00020	0.00022	0.00008	0.00033	0.00017	0.00000	0.00027	0.00003	0.00007	0.00015	0.00004	0.00040	0.00025	0.00068	0.00132
PG(34:4)	0.00046	0.00196	0.00080	0.00024	0.00010	0.00000	0.00000	0.00000	0.00001	0.00025	0.00021	0.00064	0.00021	0.00029	0.00048	0.00058	0.00026	0.00072	0.00013	0.00066	0.00035	0.00066	0.00020
PG(34:5)	0.00000	0.00745	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00019	0.00000	0.00000	0.00000	0.00021	0.00000	0.00000	0.00055	0.00077	0.00260	0.00000	0.00000	0.00292	0.00002
PG(36:1)	0.00000	0.01199	0.00315	0.00094	0.00064	0.00088	0.00112	0.00232	0.00083	0.00116	0.00129	0.00159	0.00143	0.00049	0.00212	0.00041	0.00000	0.00239	0.00041	0.00141	0.00078	0.00542	0.00144
PG(36:2)	0.00000	0.03903	0.00104	0.00032	0.00000	0.00022	0.00054	0.00114	0.00033	0.00093	0.00039	0.00101	0.00007	0.00258	0.00158	0.00010	0.00038	0.00414	0.00030	0.00207	0.00009	0.00202	0.00124
PG(38:1)	0.00000	0.01576	0.00161	0.00034	0.00023	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00047	0.00000	0.00000	0.00240	0.00000	0.00000	0.00000	0.00000	0.00015	0.00000	0.00000	0.00000
PG(38:5)	0.00052	0.00329	0.00060	0.00161	0.00162	0.00269	0.00222	0.00110	0.00155	0.00187	0.00085	0.00398	0.00094	0.00114	0.00183	0.00022	0.00019	0.00075	0.00050	0.00122	0.00090	0.00058	0.00079
PG(40:3)	0.00013	0.00016	0.00019	0.00000	0.00037	0.00000	0.00000	0.00066	0.00000	0.00705	0.00025	0.00047	0.00000	0.00110	0.00074	0.00000	0.00000	0.00000	0.00027	0.00000	0.00000	0.00025	0.00000
PG(44:12)	0.00125	0.00199	0.00000	0.00028	0.00009	0.00079	0.00059	0.00153	0.00000	0.00225	0.00121	0.00090	0.00065	0.00090	0.00123	0.00039	0.00058	0.00182	0.00140	0.00107	0.00043	0.00266	0.00562
PI(30:0)	0.00068	0.00031	0.00061	0.00035	0.00018	0.00035	0.00043	0.00000	0.00023	0.00045	0.00014	0.00119	0.00163	0.01303	0.00052	0.00423	0.00328	0.00346	0.00937	0.00150	0.00070	0.01269	0.00028
PI(30:2)	0.03086	0.05320	0.04872	0.03223	0.03734	0.05967	0.03598	0.14510	0.03897	0.05656	0.06138	0.03046	0.03279	0.05586	0.02872	0.02659	0.06048	0.04906	0.07345	0.04033	0.03805	0.02424	0.02628
PI(34:1)	0.01033	0.01340	0.01178	0.00455	0.00545	0.00956	0.00725	0.00894	0.00513	0.00780	0.00687	0.00451	0.00404	0.02556	0.00341	0.00525	0.00571	0.00986	0.00355	0.00878	0.00399	0.00611	0.01311
PI(34:2)	0.00184	0.00330	0.00168	0.00228	0.00129	0.00173	0.00152	0.00068	0.00147	0.00145	0.00129	0.00084	0.00066	0.00168	0.00092	0.00131	0.00415	0.00184	0.01625	0.00197	0.00096	0.01548	0.01867
PI(36:3)	0.00000	0.00000	0.00000	0.00041	0.00000	0.00000	0.00000	0.00008	0.00000	0.00000	0.00000	0.00000	0.00000	0.00012	0.00039	0.00003	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00025
PI(36:4)	0.00006	0.00048	0.00199	0.00948	0.00042	0.00013	0.00000	0.00096	0.00019	0.00058	0.00093	0.00393	0.00032	0.00165	0.00940	0.00000	0.00000	0.00000	0.00000	0.00012	0.00000	0.00000	0.00005
PI(36:5)	0.00000	0.01952	0.00039	0.00527	0.00042	0.00000	0.00000	0.00012	0.00000	0.00000	0.00000	0.00048	0.00000	0.00000	0.00507	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PI(38:4)	0.00000	0.01123	0.01196	0.07704	0.00527	0.00823	0.00016	0.00468	0.00000	0.00568	0.00000	0.03074	0.00115	0.00392	0.06159	0.00000	0.00000	0.00332	0.00006	0.00027	0.00142	0.00000	0.00000
PI(38:5)	0.00000	0.00025	0.00626	0.02982	0.00426	0.00413	0.00000	0.00520	0.00000	0.00188	0.00011	0.01138	0.00060	0.00000	0.02236	0.00000	0.00011	0.00067	0.00000	0.00000	0.00000	0.00049	0.00122
PI(38:6)	0.00000	0.00010	0.00197	0.00733	0.00111	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00182	0.00000	0.00000	0.00765	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PI(40:3)	0.01333	0.00617	0.01141	0.00577	0.00657	0.00664	0.00316	0.01295	0.00538	0.01847	0.01204	0.01022	0.01398	0.01425	0.01442	0.00348	0.01141	0.00933	0.00452	0.01221	0.00360	0.00699	0.00408
PI(40:4)	0.00306	0.00139	0.00189	0.00342	0.00126	0.00444	0.00040	0.00029	0.00099	0.00316	0.00312	0.00294	0.00484	0.00462	0.00282	0.00037	0.00960	0.00259	0.00038	0.01010	0.00076	0.00150	0.00084
PI(42:6)	0.00153	0.00343	0.00096	0.00049	0.00022	0.00034	0.00000	0.00000	0.00023	0.00135	0.00113	0.00031	0.00090	0.00111	0.00107	0.00000	0.00000	0.00058	0.00003	0.00063	0.00000	0.00000	0.00000
PI(48:10)	0.00000	0.00064	0.00000	0.00000	0.00000	0.00016	0.00000	0.00089	0.00000	0.00007	0.00013	0.00000	0.00000	0.00000	0.00005	0.00000	0.00078	0.00110	0.00000	0.00000	0.00000	0.00000	0.00000
PS(34:1)	0.17312	0.11154	0.40856	0.01688	0.00733	0.00466	0.00241	0.03152	0.00158	0.00164	0.00026	0.00069	0.00024	0.00026	0.00043	0.00013	0.00007	0.00000	0.00034	0.00016	0.00000	0.00023	0.00009
PS(34:2)	0.05863	0.04302	0.12796	0.02608	0.02356	0.02488	0.01931	0.04499	0.01956	0.02296	0.02031	0.01623	0.01679	0.01305	0.03419	0.01087	0.01204	0.01361	0.01074	0.01743	0.01197	0.01213	0.02068
PS(36:2)	0.26941	0.17222	0.66211	0.04282	0.03568	0.02123	0.01492	0.08561	0.00928	0.00705	0.00387	0.00485	0.00226	0.00239	0.01041	0.00137	0.00080	0.00087	0.00135	0.00198	0.00122	0.00089	0.00171
SM(d30:0)	0.00289	0.00190	0.00208	0.00806	0.00357	0.01313	0.01334	0.01663	0.00904	0.01182	0.00386	0.01295	0.00907	0.00711	0.00692	0.00643	0.00398	0.00713	0.00876	0.00353	0.00417	0.00649	0.00728
SM(d30:1)	0.07659	0.06543	0.05288	0.08500	0.07215	0.11764	0.11135	0.16707	0.08804	0.12043	0.07886	0.08263	0.07979	0.09035	0.09761	0.11227	0.09935	0.07810	0.10771	0.07307	0.08463	0.08661	0.10536
SM(d31:0)	0.00036	0.00000	0.00000	0.00264	0.00000	0.00364	0.00207	0.00623	0.00178	0.00342	0.00180	0.00319	0.00108	0.00137	0.00000	0.00149	0.00344	0.00103	0.00190	0.00000	0.00114	0.00153	0.00232
SM(d31:1)	0.05785	0.04516	0.05347	0.05984	0.05490	0.08930	0.08146	0.07762	0.07112	0.08897	0.06727	0.06112	0.04243	0.05820	0.03953	0.06147	0.08887	0.04160	0.05527	0.04605	0.04950	0.05645	0.06782
SM(d32:0)	0.12314	0.09867	0.12523	0.13329	0.12231	0.17643	0.16054	0.14601	0.16171	0.19878	0.14501	0.15784	0.10516	0.12701	0.14057	0.13194	0.18076	0.10306	0.13679	0.09947	0.13335	0.16166	0.16099
SM(d32:1)	1.17012	0.88315	1.13761	1.36200	1.26102	1.61415	1.34626	1.60444	1.39432	1.73181	1.39599	1.48088	1.07918	1.39744	0.99014	1.35995	2.07273	1.02252	1.18219	1.18991	1.39935	1.43628	1.63414
SM(d32:2)	0.07911	0.06517	0.06144	0.05162	0.05742	0.08231	0.09501	0.10183	0.08853	0.14586	0.09082	0.06333	0.07668	0.08656	0.05988	0.08923	0.08773	0.06518	0.09764	0.08302	0.06080	0.06471	0.08927
SM(d33:0)	0.04632	0.04236	0.05920	0.08118	0.05828	0.08321	0.07822	0.07548	0.07843	0.08003	0.06867	0.08556	0.05175	0.06756	0.05411	0.03513	0.04346	0.04835	0.04592	0.04162	0.03940	0.04788	0.05147
SM(d33:1)	0.54511	0.49315	0.61278	0.67989	0.57827	0.67333	0.64206	0.70038	0.64905	0.85500	0.68606	0.78806	0.52986	0.62857	0.52014	0.47891	0.62573	0.54115	0.48364	0.54523	0.46788	0.51054	0.62410
SM(d33:2)	0.18755	0.26744	0.18933	0.15584	0.22282	0.18901	0.21054	0.20672	0.21163	0.19683	0.23379	0.12411	0.23706	0.22920	0.04103	0.20089	0.23283	0.18451	0.19745	0.24207	0.18958	0.18883	0.27657
SM(d34:0)	0.90867	0.84037	1.25191	1.10402	0.97005	1.19973	1.24143	0.97522	1.19429	1.42436	1.26076	1.39846	0.85702	1.06953	1.32088	0.57958	0.59086	0.81185	0.94750	0.73805	0.67764	0.78791	0.83160
SM(d34:1)	6.69076	6.72440	8.84660	8.85407	7.52323	8.31851	8.11775	8.46977	8.31499	11.21402	9.90278	10.82730	6.89882	8.72998	8.49981	5.87795	6.36925	7.71669	6.15151	7.67932	6.52632	6.72227	8.34210
SM(d34:2)	1.07617	1.26503	1.25640	0.98476	1.04892	1.24452	1.37066	1.14668	1.32906	2.04807	1.61139	1.47552	1.27467	1.39347	1.15446	1.00684	0.89953	1.21721	1.12121	1.39973	0.85364	0.84461	1.32479
SM(d35:0)	0.10083	0.09995	0.11716	0.13767	0.11588	0.13122	0.13612	0.13163	0.12390	0.12350	0.10549	0.11814	0.12215	0.12626	0.12585	0.10117	0.09891	0.11833	0.10143	0.10893	0.10289	0.12589	0.11024
SM(d35:2)	0.22764	0.19556	0.25886	0.26000	0.27789	0.28067	0.25512	0.31766	0.27879	0.26989	0.24632	0.28728	0.27447	0.28266	0.21307	0.22932	0.25957	0.24269	0.18091	0.26278	0.19469	0.23260	0.25749
SM(d36:0)	0.40649	0.42675	0.58140	0.60154	0.52303	0.64283	0.58124	0.48970	0.53522	0.64742	0.48040	0.58902	0.49569	0.61690	0.68446	0.36852	0.31678	0.57720	0.42144	0.47498	0.37573	0.63546	0.45993

SM(d36:1)	3.06035	2.98403	3.93370	3.19362	2.65597	3.20376	3.10976	3.29061	3.05959	4.17283	3.84376	4.24230	2.72293	3.53640	5.11863	2.71442	2.23160	3.62662	3.03705	3.27777	2.58691	3.36657	3.16106
SM(d36:2)	1.23987	1.18936	1.51767	1.18894	1.07603	1.24710	1.22222	1.20698	1.26108	1.79014	1.40295	1.67469	1.33440	1.50252	1.68997	0.89644	0.86115	1.37668	0.97096	1.59531	1.00942	0.93134	1.14144
SM(d36:3)	0.03164	0.03021	0.03209	0.03413	0.02986	0.03874	0.03714	0.04379	0.03286	0.04881	0.03936	0.04063	0.03357	0.03897	0.03695	0.02966	0.03823	0.03235	0.03734	0.03198	0.01954	0.02818	0.03062
SM(d37:0)	0.04124	0.03780	0.06507	0.05676	0.04585	0.05939	0.05150	0.03677	0.04622	0.05837	0.05159	0.05979	0.04104	0.04872	0.06679	0.04197	0.03876	0.06552	0.04785	0.04667	0.03093	0.07991	0.05223
SM(d37:1)	0.39091	0.39295	0.52201	0.47893	0.41108	0.47383	0.40376	0.39493	0.44270	0.50206	0.52181	0.57977	0.37766	0.46842	0.65144	0.34170	0.31280	0.48702	0.40153	0.39450	0.28556	0.45110	0.41896
SM(d37:2)	0.25100	0.23158	0.33389	0.32589	0.27909	0.28034	0.25273	0.28465	0.28461	0.29826	0.28905	0.36849	0.26520	0.30410	0.36542	0.19189	0.18238	0.26247	0.20639	0.25136	0.17814	0.19624	0.23392
SM(d37:3)	0.03308	0.02347	0.03440	0.03250	0.02511	0.02880	0.02735	0.03288	0.02895	0.02915	0.03510	0.03604	0.03776	0.03472	0.04021	0.02132	0.01942	0.02906	0.02268	0.02959	0.01946	0.02119	0.02965
SM(d38:0)	0.08958	0.10865	0.16628	0.11855	0.11362	0.10619	0.07971	0.06306	0.10556	0.14331	0.13035	0.11912	0.08576	0.12535	0.16612	0.07225	0.08225	0.13762	0.10828	0.10098	0.05969	0.23422	0.13362
SM(d38:1)	0.78102	0.92211	1.22452	0.93011	0.94834	0.81871	0.77108	0.63816	0.86744	0.95929	1.16874	1.23540	0.82832	1.04731	1.41650	0.62180	0.57346	1.00795	0.77862	0.87799	0.52086	1.08088	0.93298
SM(d38:2)	1.01625	1.06990	1.55041	1.26732	1.17311	1.05135	1.03758	1.06197	1.12412	1.23851	1.29961	1.55428	1.16341	1.26855	1.73811	0.80375	0.63731	1.14916	0.97177	1.23344	0.65761	0.85813	0.95592
SM(d38:3)	0.08219	0.09405	0.09829	0.10180	0.09125	0.08437	0.07641	0.09811	0.08384	0.10016	0.09555	0.11860	0.09700	0.10321	0.12216	0.06338	0.05014	0.08862	0.07575	0.09190	0.05324	0.06954	0.08211
SM(d39:0)	0.00085	0.00453	0.00728	0.00444	0.00322	0.00509	0.00335	0.00116	0.00453	0.00267	0.00623	0.00978	0.00287	0.00497	0.00927	0.00274	0.00460	0.00549	0.00617	0.00213	0.00000	0.01633	0.00524
SM(d39:1)	0.08229	0.08881	0.14401	0.10550	0.09747	0.09773	0.05848	0.05920	0.08219	0.09417	0.10307	0.18065	0.07507	0.10571	0.15456	0.06073	0.07191	0.11627	0.09051	0.07419	0.04135	0.14171	0.11427
SM(d39:2)	0.16934	0.18589	0.25489	0.23729	0.19387	0.17109	0.14758	0.16755	0.17402	0.17567	0.18839	0.31705	0.15580	0.19191	0.27354	0.13013	0.11249	0.20414	0.16088	0.17319	0.10311	0.15138	0.18303
SM(d39:3)	0.02678	0.02680	0.04566	0.04100	0.04238	0.03407	0.03125	0.03097	0.03628	0.02540	0.03181	0.04156	0.03206	0.03675	0.04217	0.02183	0.01685	0.03122	0.01942	0.03480	0.01561	0.01417	0.02673
SM(d40:1)	0.19365	0.18774	0.36323	0.35352	0.28540	0.29376	0.21422	0.20428	0.28636	0.39623	0.22927	0.67234	0.17547	0.31044	0.39350	0.13777	0.17627	0.29251	0.22724	0.18244	0.15251	0.37223	0.33886
SM(d40:2)	0.78220	0.84370	1.12371	1.37705	1.00724	0.99326	0.83341	1.06730	0.97696	1.01486	0.86775	2.21715	0.73578	1.08559	1.34824	0.56374	0.54556	1.07211	0.81011	0.78782	0.60366	0.83768	1.11301
SM(d40:3)	0.13277	0.14639	0.21138	0.20966	0.15649	0.16939	0.15580	0.17487	0.18282	0.21245	0.15398	0.28925	0.15500	0.19461	0.25253	0.10102	0.08191	0.16794	0.12545	0.18237	0.09408	0.10609	0.16290
SM(d41:1)	0.03880	0.03469	0.08009	0.08768	0.05366	0.06015	0.05066	0.03583	0.05233	0.07717	0.05234	0.14514	0.03300	0.06246	0.08311	0.02615	0.04281	0.07182	0.05076	0.03995	0.03212	0.09297	0.08282
SM(d41:2)	0.27326	0.29305	0.39852	0.47876	0.36183	0.32406	0.31317	0.29287	0.34657	0.39669	0.30685	0.78502	0.25941	0.37000	0.45160	0.18229	0.22690	0.41422	0.30920	0.26098	0.19037	0.32956	0.43619
SM(d41:3)	0.05379	0.05864	0.08410	0.09157	0.06859	0.06182	0.06270	0.06194	0.06870	0.08667	0.05621	0.14167	0.05791	0.07315	0.09186	0.03779	0.03602	0.08000	0.05436	0.06246	0.03370	0.04729	0.07244
SM(d42:1)	0.25721	0.34093	0.47059	0.53961	0.44012	0.33596	0.39132	0.26541	0.41079	0.58803	0.39928	0.88351	0.26648	0.40910	0.50101	0.19660	0.29658	0.42831	0.30115	0.29895	0.21009	0.61151	0.53839
SM(d42:2)	1.70964	2.03392	2.68477	3.10299	2.49980	1.96861	2.07588	1.69413	2.29284	3.04260	2.26270	5.06834	1.66311	2.50337	3.37617	1.26815	1.74327	2.79423	2.12455	1.85947	1.33556	2.85410	3.35718
SM(d42:3)	0.67627	0.74051	1.08575	1.26888	0.92215	0.79962	0.78739	0.84966	0.85747	1.19276	0.79632	1.78752	0.81439	0.95792	1.35886	0.53893	0.56214	1.03301	0.75055	0.88367	0.48606	0.67684	1.01746
SM(d43:1)	0.00179	0.00180	0.00796	0.00766	0.00585	0.01137	0.00397	0.00425	0.00560	0.01610	0.00337	0.03904	0.00134	0.00936	0.00483	0.00263	0.00903	0.01302	0.00570	0.00097	0.00320	0.02118	0.01685
SM(d43:2)	0.06101	0.04858	0.09858	0.09299	0.08290	0.09780	0.07281	0.05666	0.07967	0.14356	0.07063	0.29081	0.05261	0.09685	0.10772	0.05505	0.09608	0.13114	0.09167	0.06208	0.06450	0.16157	0.16320
SM(d43:3)	0.00153	0.00000	0.01635	0.01960	0.01414	0.01094	0.00933	0.00680	0.00907	0.03149	0.00310	0.05619	0.00808	0.01434	0.02728	0.01049	0.01058	0.02650	0.01046	0.01185	0.00742	0.01761	0.02775
SM(d44:2)	0.00435	0.00293	0.01641	0.01899	0.01287	0.01850	0.01122	0.00956	0.01564	0.03607	0.01159	0.07436	0.01055	0.02238	0.02296	0.01257	0.02752	0.03048	0.01837	0.01128	0.01727	0.06335	0.05339
SM(d44:3)	0.00085	0.00097	0.00661	0.01451	0.00441	0.00925	0.00319	0.00472	0.00779	0.02712	0.00290	0.04314	0.00106	0.01024	0.01583	0.00476	0.01006	0.02045	0.00760	0.00933	0.00739	0.01728	0.02677