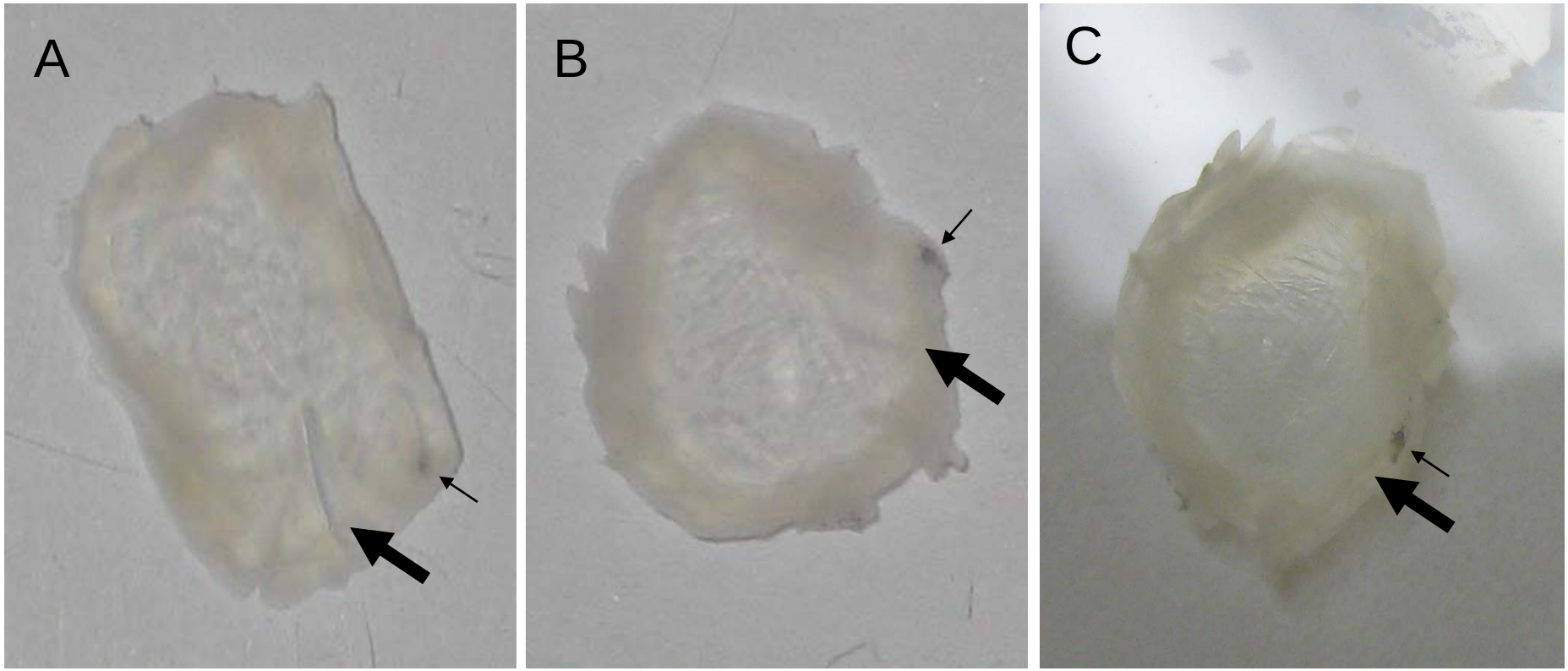
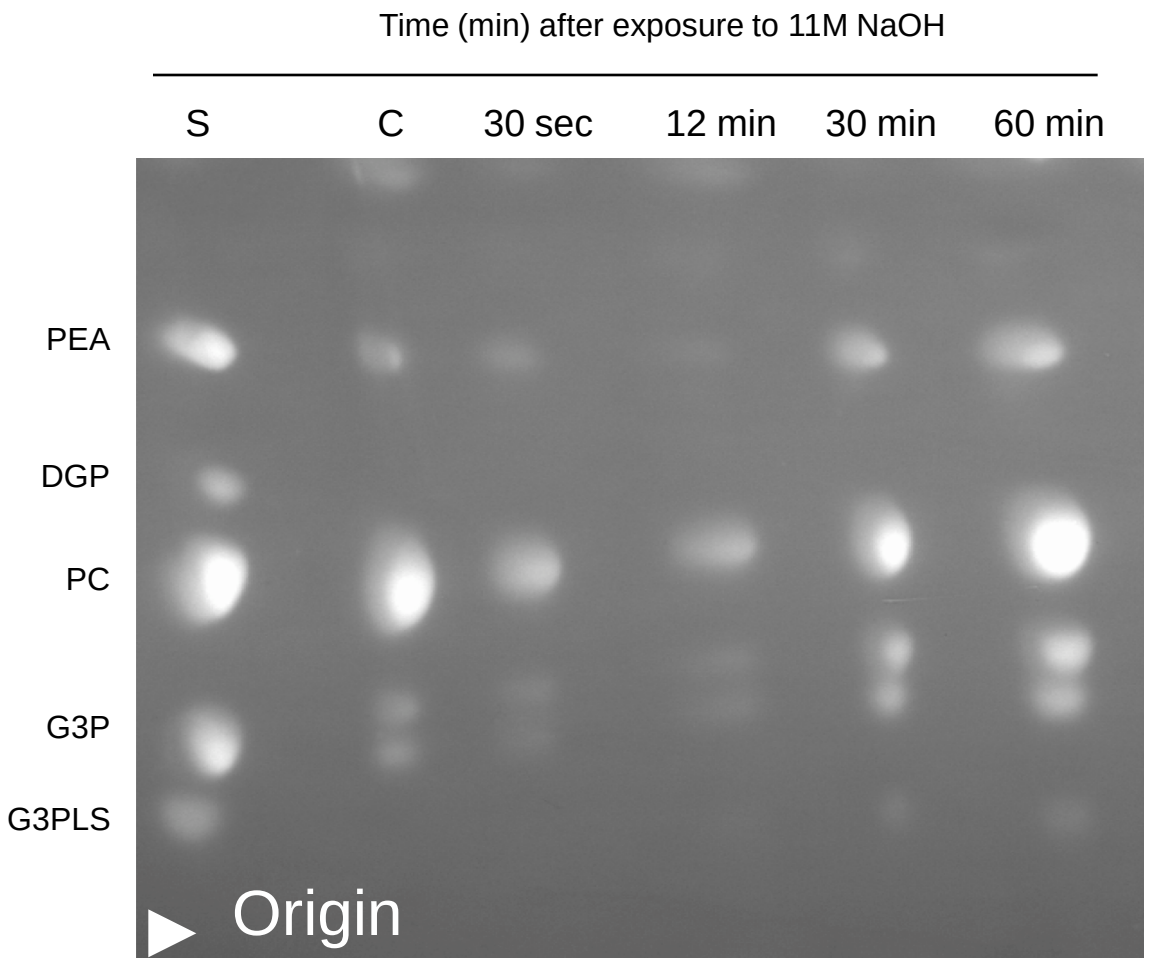
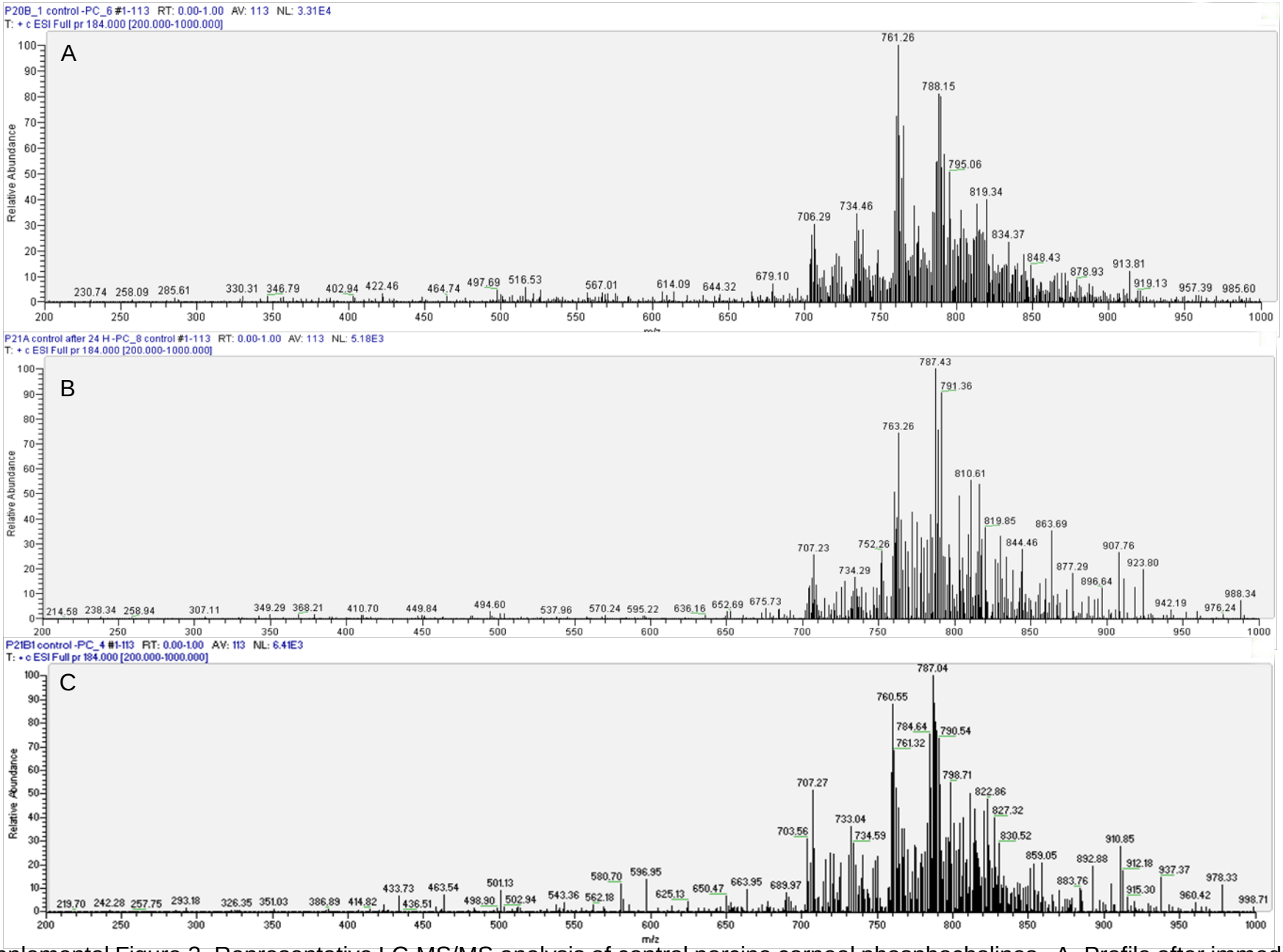


Supplemental Figure 1. The effect of lipids generated from 11 M NaOH 30 second exposure to cornea and enriched in hydroxyapatite matrix* after neutralization using Tris-Cl buffer pH 6.5. The metabolically active human corneas derived within 12 hours of postmortem and enucleation were used in subsequent experiments for determination of their healing properties as shown here. A. The cornea on day zero subjected to excision with a scalpel shown by a thick arrow. The thin arrow shows the location of the attached iris to note the location during the entire period of incubation. After excision the cornea was pulled together and applied with enriched lipids from 11 M NaOH 30 second exposure. B. The cornea in the panel A after incubation at 37C for three days. C. The cornea as in panel A and B after 7days. The thick arrow in panel B and C indicate approximately the region of excision where the lipids were applied. All operations were carried out in a sterile atmosphere using sterile solutions.

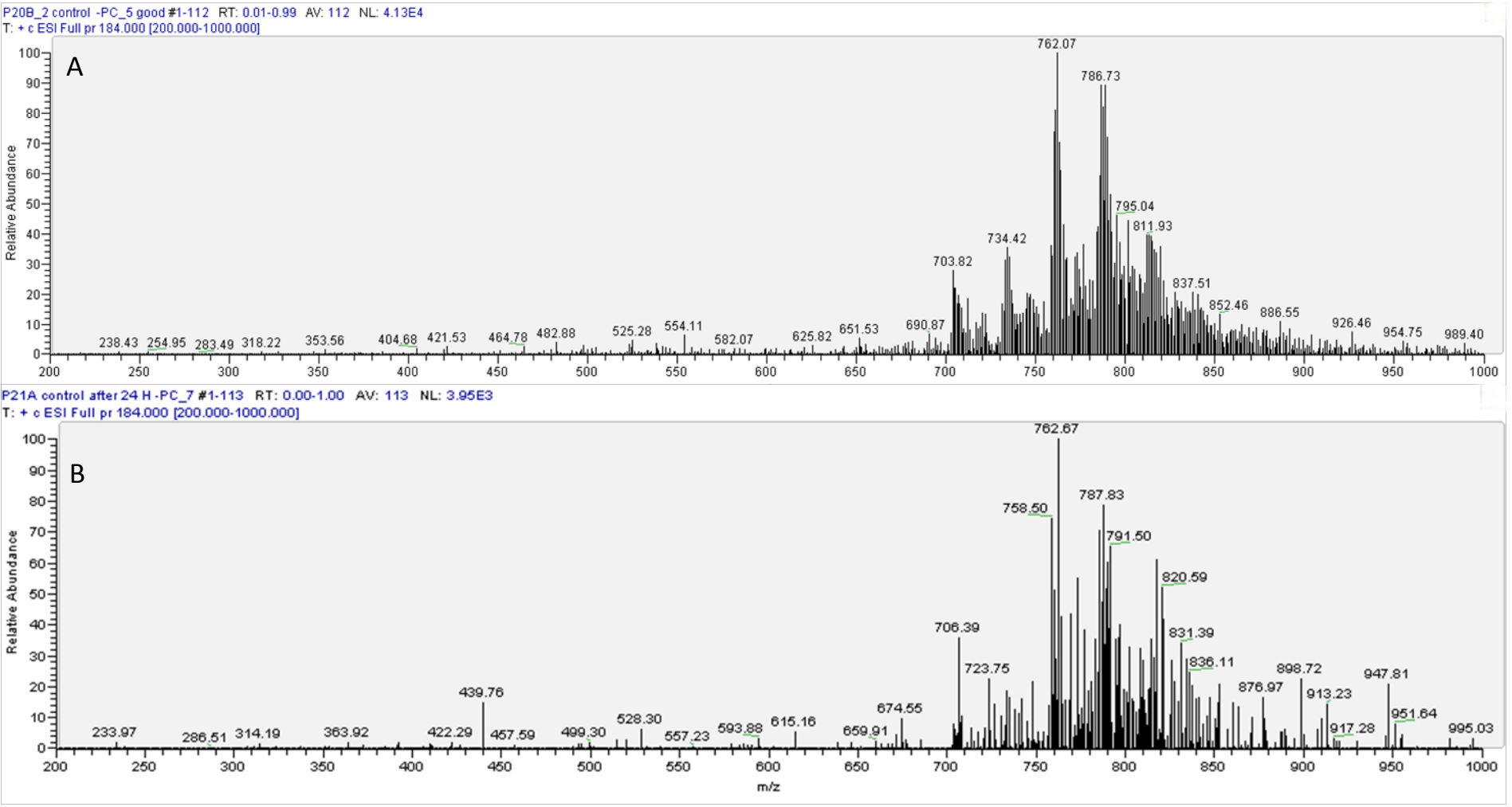
The human cornea under incubation for 72-106 hours in either PBS or Optisol GS was procured and splashed with 11 M NaOH for 30 seconds, subjected to immediate neutralization with Tris-Cl pH 6.5 and washed with sterile water. The lipids were then extracted with Bligh and Dyer method and enriched in hydroxyapatite matrix in batch mode using about 100 µl of packed matrix. The lipids were eluted with 250 mM phosphate buffer pH 7.0 and preliminary analyses showed predominance of phospholipids in the eluted fractions.



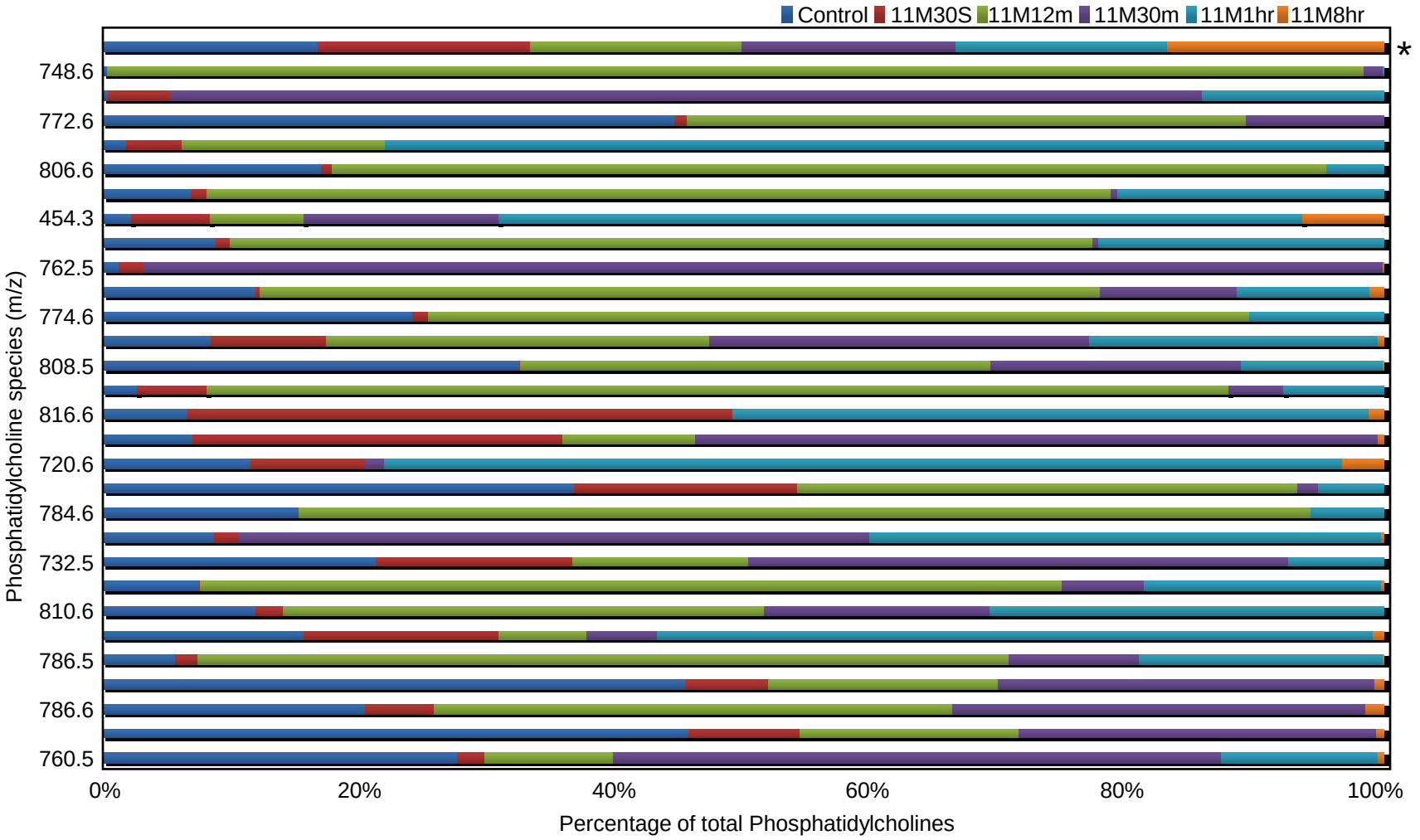
Supplemental Figure 2. Thin layer chromatography of lipids recovered from bovine corneas after exposure to alkali for indicated time periods. The novel spot is indicated with an arrow. S and C denote lipid standards and control (exposure to water only) respectively. Lipid standards are, PEA: 1,2-dioleoyl-sn-glycero-3-phosphoethanolamine; DGP: 1,2-dioleoyl-sn-glycero-3-phosphate; PC: 1,2-dioleoyl-sn-glycero-3-phosphocholine; G3P: 1-oleoyl-2-hydroxy-sn-glycero-3-phosphate; G3PLS: 1-oleoyl-2-hydroxy-sn-glycero-3-phospho-L-serine as indicated.



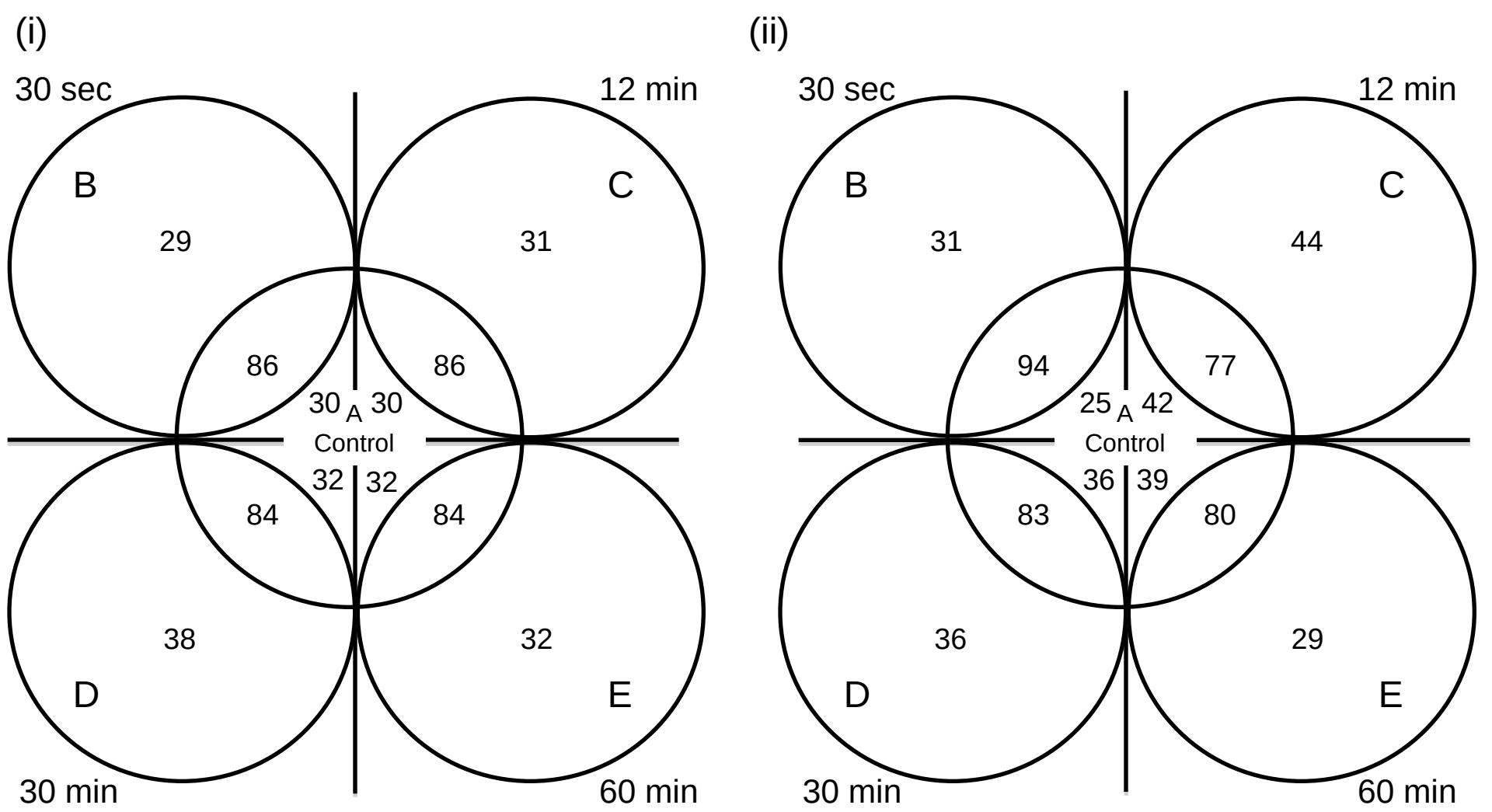
Supplemental Figure 3. Representative LC-MS/MS analysis of control porcine corneal phosphocholines. A. Profile after immediate extraction and analysis. B. Profile after storage of the eye for 24 hours at 4° C in 1X PBS before extraction. C. Profile after storage of the eye for 72 hours at 4° C in 1X PBS before extraction.



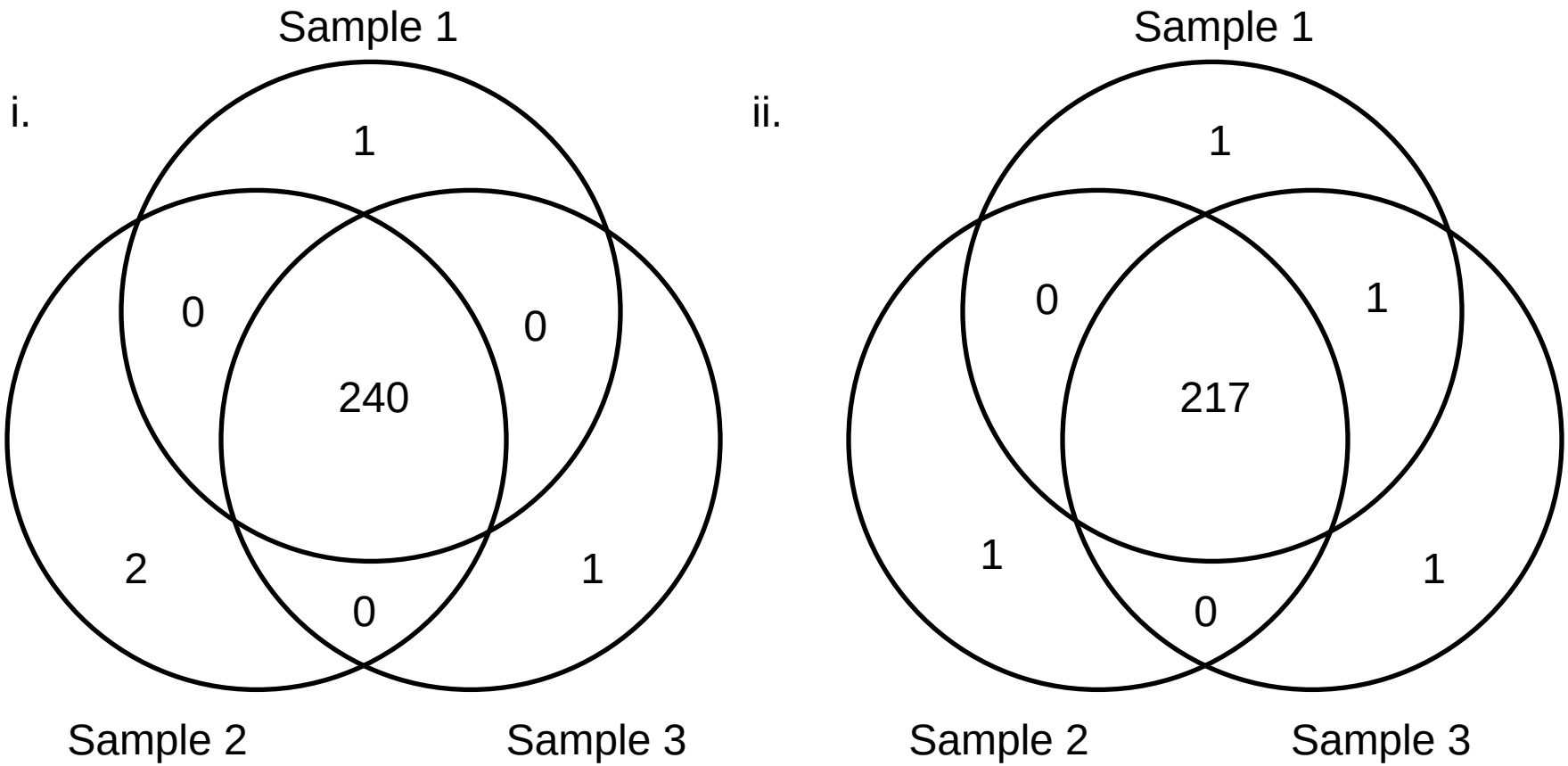
Supplemental Figure 4. Representative LC-MS/MS analysis of control porcine corneal phosphocholines after lipids were stored at -80°C, without the addition of an external standard. A. Profile after lipids were stored for 24 hours at -80°C. B. Profile after lipids were stored 72 hours at -80°C.



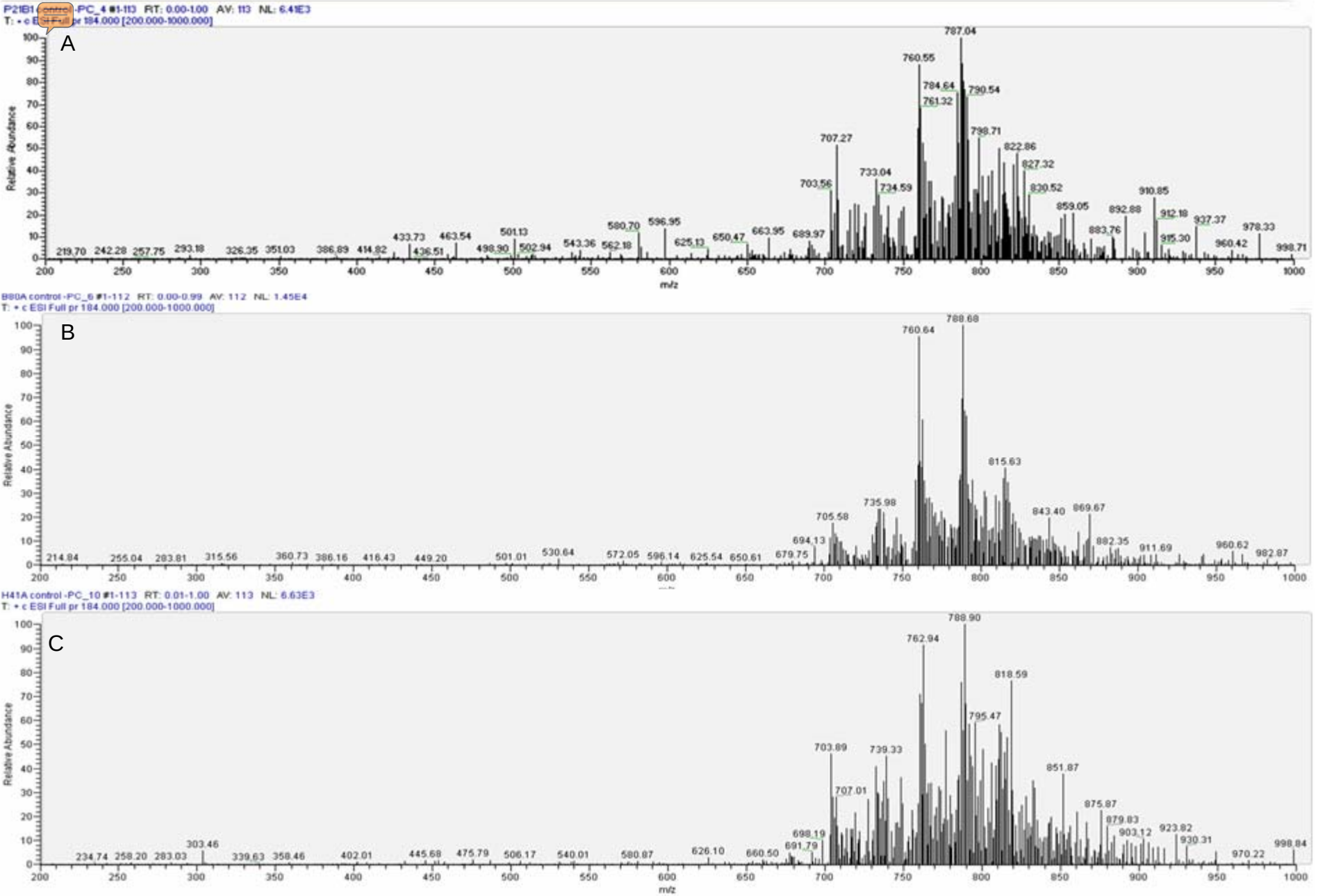
Supplemental Figure 5. Corneal phosphatidylcholine (PC) profile changes following alkali exposure. The human control, and cornea exposed to 11 M NaOH for indicated time points, were extracted using Bligh and Dyer method without subjecting them to temperature fluctuation and subsequently mass spectrometric analyses on a Agilent triple quadrupole 6410 instrument. Data were analyzed using AMDMS-SL program and a theoretically generated database as previously reported (Yang et al. 2009). Asterisk denotes the PC internal standard used at 1.6 pmol level for each analysis for ratiometric quantification of each PC species from the precursor ion scan for product ion of 184, infusion spectrum.



Supplemental Figure 6. Radial Venn diagram comparing control group to all experimental groups. The control group (circle A) is divided into quarters corresponding to experimental groups. The inner region of circle A is labeled with the numbers of PC species that are unique to the control group versus only each particular experimental group. Thus, these numbers do not cumulatively represent the control. Experimental groups are represented by letters B-E, corresponding to each time point labeled. The number of unique PC species of each experimental group (compared to control) is given on the outer regions circles B-E. The overlapping regions in each quadrant show the number of PC species common to the control group and the experimental. The sizes of the sections are not proportional to the number of species represented. (i) Porcine and (ii) human cornea.



Supplemental Figure 7. Inter-corneal variation for phosphatidylcholines in control corneas. The center of each Venn diagram represents the number of common PC species among the corneal control samples. The outer regions of the diagram display the number of unique PC species in each sample. (i) Porcine (ii) Human



Supplemental Figure 8. Representative LC-MS/MS analysis of porcine, bovine, and human corneal phosphocholines control phosphocholines. A. Profile of porcine phosphocholines. B. Profile of bovine phosphocholines. C. Profile of human phoshocholines.

Supplemental Table S1: Phosphocholine species present in porcine cornea.

Lipid Species*	m/z**	Average lipid amount (pmol per species/µg protein)
Control corneas		
PC(13:0/13:0)	650.00	3.77
PC(10:0/18:0)	677.41	10.97
PC(10:0/18:1(9Z))	675.28	2.12
PC(10:0/18:2(9Z,12Z))	674.10	0.63
PC(10:0/19:0)	691.95	1.17
PC(10:0/20:0)	704.71	12.77
PC(10:0/21:0)	718.77	6.73
PC(10:0/22:0)	733.54	0.96
PC(10:0/23:0)	746.87	5.88
PC(10:0/25:0)	776.17	12.92
PC(10:0/4:0)	480.36	3.17
PC(11:0/11:0)	592.44	1.59
PC(12:0/12:0)	621.76	1.53
PC(12:0/13:0)	635.08	1.87
PC(12:0/14:1(9Z))	647.02	2.11
PC(12:0/15:1(9Z))	660.49	4.11
PC(12:0/18:2(9Z,12Z))	701.82	21.98
PC(12:0/18:3(6Z,9Z,12Z))	698.73	3.08
PC(12:0/18:4(6Z,9Z,12Z,15Z))	697.39	4.67
PC(13:0/18:2(9Z,12Z))	716.07	2.54
PC(13:0/18:3(6Z,9Z,12Z))	713.07	2.81
PC(13:0/18:4(6Z,9Z,12Z,15Z))	710.97	10.05
PC(13:0/20:3(8Z,11Z,14Z))	742.22	11.20
PC(13:0/20:4(5Z,8Z,11Z,14Z))	738.73	2.83
PC(13:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	763.29	79.88
PC(14:0/18:2(11Z,14Z))	728.81	0.52
PC(14:0/18:3(9Z,12Z,15Z))	728.00	0.88
PC(14:0/18:4(6Z,9Z,12Z,15Z))	725.60	8.43
PC(14:0/20:4(5Z,8Z,11Z,14Z))	754.03	0.94
PC(14:0/20:5(5Z,8Z,11Z,14Z,17Z))	751.43	0.77
PC(14:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	778.31	5.82
PC(14:0/24:1(15Z))	815.26	33.04
PC(15:0/18:1(11Z))	745.35	7.92
PC(15:0/18:2(9Z,12Z))	742.63	6.06
PC(15:0/20:5(5Z,8Z,11Z,14Z,17Z))	765.25	25.70
PC(15:0/22:1(11Z))	800.69	21.79
PC(15:0/22:2(13Z,16Z))	799.60	2.82
PC(15:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	791.62	8.05
PC(15:1(9Z)/0:0)	479.86	0.57
PC(16:0/15:1(14))	716.58	3.43
PC(16:0/18:1(9Z))	759.15	18.40
PC(16:0/18:2(10E,12Z))	756.94	13.80

PC(16:0/2:0)	537.88	0.58
PC(16:0/20:3(5Z,8Z,11Z))	784.50	33.32
PC(16:0/22:5(4Z,7Z,10Z,13Z,16Z))	808.56	3.99
PC(16:0/22:6(4E,7E,10E,13E,16E,19E))	806.48	17.51
PC(16:0/23:5(8E,11E,14E,17E,20E))	820.69	14.97
PC(16:0/24:1(15Z))	843.69	1.10
PC(16:0/26:0)	872.78	6.25
PC(16:0/26:2(5Z,9Z))	869.84	1.00
PC(16:0/3:0)	550.97	2.00
PC(16:0/3:1(2E))	549.78	2.26
PC(16:0/5:0)	578.65	1.12
PC(16:0/9:0(COOH))	664.85	0.36
PC(16:1(9E)/0:0)	492.65	0.64
PC(16:1(9Z)/2:0)	535.91	0.16
PC(17:0/10:0)	662.63	0.41
PC(17:0/18:1(9Z))	774.04	26.73
PC(17:0/22:4(7Z,10Z,13Z,16Z))	822.80	2.36
PC(17:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	819.93	4.87
PC(17:1(10Z)/0:0)	506.99	1.54
PC(17:1(9Z)/22:2(13Z,16Z))	825.09	4.83
PC(17:2(9Z,12Z)/0:0)	505.27	0.72
PC(18:0/11:1(10E))	689.35	1.87
PC(18:0/18:0)	789.99	0.55
PC(18:0/18:1(11Z))	786.62	128.53
PC(18:0/18:2(10Z,12Z))	785.01	1.96
PC(18:0/20:2(11Z,14Z))	812.88	7.95
PC(18:0/22:5(4Z,7Z,10Z,13Z,16Z))	835.67	6.53
PC(18:0/24:1(15Z))	871.11	5.63
PC(18:1(11Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	830.63	10.50
PC(18:1(9E)/2:0)	562.68	4.71
PC(18:1(9Z)/4:0)	591.23	0.33
PC(18:2(2E,4E)/0:0)	519.38	1.77
PC(18:2(9Z,12E)/17:2(9Z,11E))	766.84	5.29
PC(18:3(9Z,12Z,15Z)/0:0)	517.92	0.43
PC(18:4(9E,11E,13E,15E)/0:0)	514.36	2.44
PC(19:0/22:1(11Z))	857.50	7.35
PC(19:0/22:2(13Z,16Z))	854.85	1.58
PC(19:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	846.73	2.73
PC(19:1(9Z)/22:4(7Z,10Z,13Z,16Z))	850.06	8.81
PC(19:3(10Z,13Z,16Z)/0:0)	530.35	3.61
PC(20:0/20:2(11Z,14Z))	842.54	13.49
PC(20:0/22:4(7Z,10Z,13Z,16Z))	866.13	9.70
PC(20:0/22:5(7Z,10Z,13Z,16Z,19Z))	863.10	1.40
PC(20:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	860.67	0.57
PC(20:0/24:1(15Z))	899.40	0.76
PC(20:1(11Z)/22:2(13Z,16Z))	867.46	1.76
PC(20:3(8Z,11Z,14Z)/0:0)	546.25	1.57
PC(20:4(5Z,8Z,11Z,14Z)/0:0)	543.97	0.21
PC(20:5(5Z,8Z,11Z,14Z,17Z)/0:0)	542.00	0.31

PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	850.97	1.81
PC(21:0/22:1(11Z))	884.96	0.31
PC(21:0/22:2(13Z,16Z))	883.09	1.22
PC(22:0/22:4(7Z,10Z,13Z,16Z))	892.83	10.15
PC(22:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	889.09	2.28
PC(22:1(11Z)/22:4(7Z,10Z,13Z,16Z))	892.01	5.57
PC(22:1(13E)/22:1(13E))	897.11	1.35
PC(22:2(13Z,16Z)/0:0)	575.12	0.18
PC(22:4(7Z,10Z,13Z,16Z)/0:0)	571.79	0.25
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/0:0)	566.94	0.22
PC(23:0/18:0)	859.60	4.34
PC(24:0/0:0)	606.47	17.90
PC(25:0/18:0)	886.76	1.36
PC(5:0/5:0)	426.09	0.13
PC(6:2(3E,5E)/14:2(11E,13E))	557.09	4.95
PC(8:2(2E,4E)/8:2(2E,4E))	501.75	0.11
PC(O-10:1(9E)/2:0)	437.09	2.24
PC(O-11:1(10E)/2:0)	450.33	0.61
PC(O-12:0/2:0)	467.18	0.18
PC(O-12:0/O-1:0)	439.31	0.10
PC(O-14:0/2:0)	494.64	0.11
PC(O-16:0/2:0)	522.44	1.24
PC(O-16:0/3:0)	538.34	1.10
PC(O-16:1(11Z)/2:0)	521.46	0.58
PC(O-18:2(9Z,12Z)/2:0)	547.51	0.43
PC(O-8:0/2:0)	411.51	2.17
	400.47	0.11
	400.80	0.39
	403.32	0.99
	404.38	0.28
	405.38	0.53
	408.24	0.18
	408.81	1.82
	413.86	0.06
	415.49	0.10
	416.86	3.48
	418.77	0.43
	419.71	0.87
	420.13	2.88
	421.11	2.94
	422.57	0.60
	426.74	0.33
	427.51	7.65
	427.61	2.73
	433.01	0.66
	433.67	0.95
	434.72	0.87
	434.88	0.08
	440.34	2.47

440.59	6.80
441.42	6.14
443.31	0.89
446.75	6.13
449.07	0.21
449.67	0.40
455.45	0.20
456.36	0.76
456.89	0.16
459.32	3.11
459.82	3.50
462.24	0.15
463.63	0.27
468.78	0.10
469.58	1.58
470.15	0.57
472.56	2.17
472.67	0.24
473.84	0.32
473.85	0.36
478.25	5.39
482.88	0.27
485.47	6.84
485.72	0.41
486.69	3.93
487.92	0.90
489.74	0.76
491.35	1.26
496.94	0.16
497.97	5.95
498.59	0.75
498.75	2.96
503.49	0.23
504.20	1.66
512.55	0.79
528.21	0.76
529.04	1.28
529.66	0.92
532.73	0.36
533.34	1.09
533.45	0.14
539.00	0.26
540.25	0.71
558.66	1.09
561.16	0.82
562.16	0.75
568.54	0.75
569.15	0.25
569.18	2.13

572.37	1.19
581.87	0.75
582.68	1.23
583.25	0.45
584.92	0.66
586.88	1.01
588.79	0.10
595.91	1.42
596.97	0.67
598.04	0.86
598.69	0.20
598.69	1.57
602.71	6.43
603.30	0.60
604.54	0.72
605.21	3.84
610.57	0.06
610.94	0.72
612.00	1.05
612.62	0.97
612.70	2.88
613.92	1.23
615.75	1.22
617.65	3.69
619.08	0.85
622.87	0.31
622.95	2.20
625.37	0.43
628.86	5.98
629.45	1.46
633.85	0.08
637.75	0.56
638.23	188.29
638.81	2.17
641.91	1.52
644.19	0.38
651.49	14.29
653.21	2.74
654.86	0.69
660.04	0.11
667.48	9.00
667.69	6.33
668.90	3.29
669.93	9.66
671.68	1.66
679.35	1.48
683.50	0.07
683.94	6.87
684.53	0.32

	685.21	0.57
	694.32	1.44
	694.81	0.85
	709.24	3.24
	709.76	1.39
	722.29	5.47
30 second exposure to 11 M NaOH		
PC(13:0/13:0)	650.00	5.42
PC(10:0/18:0)	677.04	0.11
PC(10:0/18:1(9Z))	676.10	15.87
PC(10:0/19:0)	691.91	5.38
PC(10:0/20:0)	704.67	98.07
PC(10:0/22:0)	733.71	2.25
PC(10:0/23:0)	746.95	31.25
PC(10:0/24:0)	762.47	0.65
PC(10:0/25:0)	775.68	2.43
PC(10:0/4:0)	480.42	2.26
PC(11:0/11:0)	593.14	4.43
PC(12:0/13:0)	636.29	5.44
PC(12:0/14:1(9Z))	647.02	0.67
PC(12:0/17:2(9Z,12Z))	687.92	2.22
PC(12:0/18:1(9Z))	703.90	25.34
PC(12:0/18:2(9Z,12Z))	701.37	35.07
PC(12:0/18:3(6Z,9Z,12Z))	699.70	0.72
PC(12:0/20:5(5Z,8Z,11Z,14Z,17Z))	724.41	18.93
PC(12:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	748.90	6.03
PC(12:0/26:0)	818.30	34.85
PC(13:0/13:0)	650.97	43.96
PC(13:0/18:3(6Z,9Z,12Z))	713.29	29.01
PC(13:0/18:4(6Z,9Z,12Z,15Z))	711.71	1.87
PC(13:0/20:3(8Z,11Z,14Z))	740.62	19.66
PC(13:0/20:4(5Z,8Z,11Z,14Z))	739.76	2.23
PC(13:0/22:2(13Z,16Z))	771.39	4.02
PC(14:0/18:1(11Z))	732.40	50.62
PC(14:0/18:2(11Z,14Z))	729.83	11.28
PC(14:0/18:3(9Z,12Z,15Z))	727.18	6.73
PC(14:0/18:4(6Z,9Z,12Z,15Z))	725.93	1.14
PC(14:0/2:0)	509.45	2.26
PC(14:0/20:4(5Z,8Z,11Z,14Z))	753.78	3.42
PC(14:0/20:5(5Z,8Z,11Z,14Z,17Z))	751.80	1.61
PC(14:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	777.73	0.18
PC(14:0/24:1(15Z))	815.48	119.88
PC(14:0/26:0)	846.43	0.08
PC(14:1(9Z)/0:0)	465.40	1.67
PC(15:0/18:1(11Z))	745.56	2.16
PC(15:0/20:3(8Z,11Z,14Z))	768.63	23.16
PC(15:0/22:2(13Z,16Z))	800.21	29.54
PC(15:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	791.25	1.96
PC(15:1(9Z)/0:0)	479.85	1.17

PC(15:1(9Z)/22:2(13Z,16Z))	797.60	1.49
PC(16:0/15:1(14))	717.93	12.40
PC(16:0/18:1(9Z))	760.15	11.89
PC(16:0/18:2(10E,12Z))	758.09	1.94
PC(16:0/18:3(6Z,9Z,12Z))	755.79	4.17
PC(16:0/2:0)	538.29	2.03
PC(16:0/20:3(5Z,8Z,11Z))	784.55	0.15
PC(16:0/20:5(5Z,8Z,11Z,14Z,17Z))	779.50	3.49
PC(16:0/22:5(4Z,7Z,10Z,13Z,16Z))	807.95	0.87
PC(16:0/22:6(4E,7E,10E,13E,16E,19E))	805.34	3.18
PC(16:0/24:1(15Z))	842.97	45.33
PC(16:0/26:0)	872.97	1.76
PC(16:0/26:2(5Z,9Z))	870.44	4.76
PC(16:0/9:0(COOH))	665.50	1.30
PC(16:1(9E)/0:0)	492.58	1.74
PC(16:1(9Z)/2:0)	536.29	1.10
PC(17:0/10:0)	663.63	5.25
PC(17:0/18:1(9Z))	774.32	48.62
PC(17:0/20:4(5Z,8Z,11Z,14Z))	796.06	16.40
PC(17:0/22:2(13Z,16Z))	827.66	14.59
PC(17:0/22:4(7Z,10Z,13Z,16Z))	823.69	0.30
PC(17:1(10Z)/0:0)	507.24	7.03
PC(17:1(9Z)/22:2(13Z,16Z))	826.59	0.88
PC(17:2(9Z,12Z)/0:0)	505.03	0.16
PC(18:0/11:1(10E))	689.27	3.90
PC(18:0/18:0)	789.42	60.23
PC(18:0/18:1(11Z))	787.24	7.43
PC(18:0/18:2(10Z,12Z))	785.30	15.11
PC(18:0/20:2(11Z,14Z))	813.42	11.64
PC(18:0/22:4(7Z,10Z,13Z,16Z))	837.33	3.74
PC(18:0/24:1(15Z))	871.90	7.18
PC(18:1(11Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	831.97	8.41
PC(18:1(9E)/2:0)	562.99	12.53
PC(18:2(2E,4E)/0:0)	518.95	1.64
PC(18:2(9Z,12E)/17:2(9Z,11E))	768.14	0.09
PC(18:2(9Z,12Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	829.73	40.83
PC(18:4(9E,11E,13E,15E)/0:0)	515.86	0.75
PC(19:0/22:1(11Z))	857.83	9.17
PC(19:1(9Z)/22:4(7Z,10Z,13Z,16Z))	849.98	10.99
PC(20:0/20:2(11Z,14Z))	841.66	1.83
PC(20:0/22:5(7Z,10Z,13Z,16Z,19Z))	863.36	0.60
PC(20:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	861.91	8.82
PC(20:1(11Z)/22:2(13Z,16Z))	867.59	3.65
PC(20:3(8Z,11Z,14Z)/0:0)	544.76	1.24
PC(20:4(5Z,8Z,11Z,14Z)/0:0)	543.82	0.52
PC(20:5(5Z,8Z,11Z,14Z,17Z)/0:0)	541.69	0.32
PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:5(7Z,10Z,13Z,16Z,19Z))	852.94	22.62
PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	851.45	2.88
PC(21:0/22:1(11Z))	885.12	5.95

PC(21:0/22:2(13Z,16Z))	884.40	6.58
PC(21:0/22:4(7Z,10Z,13Z,16Z))	880.56	0.21
PC(21:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	875.77	13.56
PC(22:0/22:4(7Z,10Z,13Z,16Z))	893.96	9.41
PC(22:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	889.23	1.47
PC(22:1(11Z)/22:4(7Z,10Z,13Z,16Z))	891.31	4.00
PC(22:1(13E)/22:1(13E))	898.15	0.35
PC(22:2(13Z,16Z)/0:0)	575.22	0.34
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/0:0)	567.63	0.73
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	877.83	0.81
PC(23:0/18:0)	859.56	0.13
PC(24:0/0:0)	608.14	21.63
PC(25:0/18:0)	887.03	18.15
PC(6:0/6:0)	453.50	0.15
PC(6:2(2E,4E)/6:2(2E,4E))	445.34	1.85
PC(6:2(3E,5E)/14:2(11E,13E))	556.86	0.65
PC(8:2(2E,4E)/8:2(2E,4E))	501.45	0.26
PC(O-10:1(9E)/2:0)	436.99	4.10
PC(O-11:1(10E)/2:0)	451.27	0.06
PC(O-12:0/O-1:0)	438.71	0.08
PC(O-14:0/2:0)	495.47	1.16
PC(O-14:0/O-1:0)	468.33	0.12
PC(O-16:0/2:0)	522.49	0.16
PC(O-16:1(11Z)/2:0)	521.22	5.08
	400.84	3.13
	407.92	1.34
	407.95	1.28
	408.64	0.29
	409.61	0.57
	413.47	3.47
	415.46	0.13
	419.04	1.88
	419.16	0.28
	419.49	0.69
	422.11	0.54
	422.22	0.39
	427.37	0.57
	427.54	0.43
	429.37	2.37
	431.57	2.80
	434.49	0.13
	435.95	0.06
	440.42	0.20
	440.74	1.05
	447.52	0.13
	447.66	0.67
	448.79	0.70
	449.72	1.19
	454.77	0.53

455.19	0.76
458.61	0.44
469.93	0.38
470.46	0.47
470.86	2.89
471.59	2.25
471.60	1.20
474.10	0.68
475.28	0.22
476.42	0.56
478.10	1.18
483.89	0.05
484.63	1.83
490.44	0.64
492.29	1.17
497.11	1.91
498.07	4.65
503.41	1.93
513.57	0.85
524.57	0.26
525.98	0.47
528.26	0.16
532.80	0.12
533.27	1.38
539.61	2.25
554.17	0.06
555.37	0.43
556.04	2.62
561.60	0.06
568.37	7.57
568.47	0.62
574.32	0.26
581.06	2.85
581.08	3.69
584.63	6.77
587.15	0.85
587.28	0.20
588.55	1.06
594.69	0.02
599.34	2.28
600.22	0.87
603.54	1.26
605.80	1.80
610.78	0.82
614.79	2.33
617.07	0.06
618.83	5.84
625.11	4.35
625.80	0.70

	629.73	1.98
	631.27	0.22
	631.51	4.13
	634.39	0.13
	637.17	0.71
	638.61	0.26
	641.11	0.24
	643.04	0.29
	643.92	0.24
	644.67	0.13
	651.96	13.67
	653.97	1.80
	657.47	41.86
	658.07	1.14
	658.55	1.13
	669.82	1.11
	670.60	9.16
	671.89	0.04
	672.35	11.31
	682.73	11.60
	683.22	8.78
	684.65	1.03
	685.19	0.10
	693.25	14.65
	709.97	5.53
12 min exposure to 11 M NaOH		
PC(10:0/10:0)	565.56	1.76
PC(13:0/13:0)	650.00	7.49
PC(10:0/18:0)	677.16	4.05
PC(10:0/19:0)	692.10	44.57
PC(10:0/21:0)	720.08	10.51
PC(10:0/22:0)	733.02	6.16
PC(10:0/24:0)	760.90	1.85
PC(10:0/25:0)	776.14	1.10
PC(10:0/4:0)	480.47	0.61
PC(12:0/12:0)	621.64	1.11
PC(12:0/13:0)	635.38	0.09
PC(12:0/14:1(9Z))	646.81	4.81
PC(12:0/15:1(9Z))	661.45	10.01
PC(12:0/18:1(9Z))	702.89	6.03
PC(12:0/18:2(9Z,12Z))	701.39	5.16
PC(12:0/18:3(6Z,9Z,12Z))	699.78	5.68
PC(12:0/18:4(6Z,9Z,12Z,15Z))	698.38	0.51
PC(12:0/26:0)	818.19	28.58
PC(13:0/13:0)	651.48	7.49
PC(13:0/18:2(9Z,12Z))	714.71	20.86
PC(13:0/18:4(6Z,9Z,12Z,15Z))	712.00	28.69
PC(13:0/20:4(5Z,8Z,11Z,14Z))	739.27	4.06
PC(13:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	763.00	1.28

PC(14:0/18:2(11Z,14Z))	730.53	4.10
PC(14:0/18:3(9Z,12Z,15Z))	727.33	2.95
PC(14:0/18:4(6Z,9Z,12Z,15Z))	725.48	15.48
PC(14:0/2:0)	509.45	1.69
PC(14:0/20:4(5Z,8Z,11Z,14Z))	753.40	7.04
PC(14:0/20:5(5Z,8Z,11Z,14Z,17Z))	750.89	7.14
PC(14:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	777.75	1.35
PC(14:0/24:1(15Z))	816.26	28.84
PC(14:0/26:0)	845.97	9.75
PC(14:1(9Z)/0:0)	465.12	6.71
PC(15:0/18:1(11Z))	745.13	10.95
PC(15:0/18:2(9Z,12Z))	743.18	16.00
PC(15:0/20:3(8Z,11Z,14Z))	768.82	17.65
PC(15:0/20:5(5Z,8Z,11Z,14Z,17Z))	764.74	4.82
PC(15:0/22:1(11Z))	801.53	2.74
PC(15:0/22:2(13Z,16Z))	799.98	25.22
PC(15:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	791.47	62.40
PC(15:1(9Z)/22:4(7Z,10Z,13Z,16Z))	793.02	0.63
PC(16:0/15:1(14))	717.60	3.70
PC(16:0/18:1(9Z))	759.05	2.50
PC(16:0/18:3(6Z,9Z,12Z))	754.80	24.28
PC(16:0/2:0)	536.54	0.17
PC(16:0/20:4(5Z,8Z,11Z,14Z))	781.68	2.38
PC(16:0/22:5(4Z,7Z,10Z,13Z,16Z))	807.68	20.63
PC(16:0/22:6(4E,7E,10E,13E,16E,19E))	805.53	12.71
PC(16:0/26:0)	873.05	0.40
PC(16:0/3:0)	551.77	1.37
PC(16:0/3:1(2E))	549.49	0.89
PC(16:0/5:0(COOH))	610.03	0.12
PC(16:0/5:0)	579.08	2.12
PC(16:0/9:0(COOH))	665.02	2.50
PC(16:1(9E)/0:0)	493.12	0.74
PC(16:1(9Z)/2:0)	535.67	0.71
PC(17:0/10:0)	663.29	9.93
PC(17:0/18:1(9Z))	773.73	32.67
PC(17:0/20:4(5Z,8Z,11Z,14Z))	795.53	1.95
PC(17:0/22:4(7Z,10Z,13Z,16Z))	824.33	2.49
PC(17:1(10Z)/0:0)	506.68	0.23
PC(17:1(9Z)/22:2(13Z,16Z))	825.48	13.48
PC(17:2(9Z,12Z)/0:0)	504.58	14.38
PC(18:0/11:1(10E))	689.79	10.35
PC(18:0/18:0)	789.53	10.79
PC(18:0/18:1(11Z))	787.35	0.87
PC(18:0/18:2(10Z,12Z))	785.39	7.19
PC(18:0/20:2(11Z,14Z))	813.52	35.33
PC(18:0/20:3(5Z,11Z,14Z))	811.32	4.56
PC(18:0/22:3(10Z,13Z,16Z))	839.02	0.46
PC(18:0/22:4(7Z,10Z,13Z,16Z))	837.31	22.90
PC(18:0/22:5(4Z,7Z,10Z,13Z,16Z))	836.56	1.15

PC(18:0/24:1(15Z))	872.44	5.86
PC(18:1(9E)/2:0)	563.62	1.60
PC(18:1(9Z)/4:0)	590.99	0.43
PC(18:2(2E,4E)/0:0)	518.93	0.17
PC(18:2(9Z,12E)/17:2(9Z,11E))	768.08	1.39
PC(18:2(9Z,12Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	829.90	11.10
PC(18:3(9Z,12Z,15Z)/0:0)	516.94	2.02
PC(18:4(9E,11E,13E,15E)/0:0)	515.97	0.08
PC(19:0/22:1(11Z))	856.76	2.02
PC(19:0/22:2(13Z,16Z))	856.33	10.89
PC(19:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	847.55	0.91
PC(19:1(9Z)/22:4(7Z,10Z,13Z,16Z))	849.60	0.35
PC(20:0/20:2(11Z,14Z))	841.36	3.98
PC(20:0/22:4(7Z,10Z,13Z,16Z))	866.52	20.55
PC(20:0/22:5(7Z,10Z,13Z,16Z,19Z))	862.98	9.62
PC(20:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	860.62	1.49
PC(20:1(11Z)/22:2(13Z,16Z))	867.52	1.97
PC(20:4(5Z,8Z,11Z,14Z)/0:0)	543.68	0.30
PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:5(7Z,10Z,13Z,16Z,19Z))	854.27	18.61
PC(21:0/22:1(11Z))	885.80	7.08
PC(21:0/22:2(13Z,16Z))	883.68	5.29
PC(21:0/22:4(7Z,10Z,13Z,16Z))	880.48	0.33
PC(21:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	876.03	0.99
PC(22:0/22:4(7Z,10Z,13Z,16Z))	894.02	5.12
PC(22:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	889.78	0.38
PC(22:1(11Z)/22:2(13Z,16Z))	896.12	0.78
PC(22:1(13E)/22:1(13E))	898.25	23.89
PC(22:4(7Z,10Z,13Z,16Z)/0:0)	571.29	6.34
PC(22:4(7Z,10Z,13Z,16Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	880.70	0.57
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/0:0)	568.25	0.11
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	878.47	45.26
PC(23:0/18:0)	859.97	1.99
PC(5:0/5:0)	425.96	0.44
PC(6:2(2E,4E)/6:2(2E,4E))	445.50	1.38
PC(6:2(3E,5E)/14:2(11E,13E))	556.80	2.80
PC(8:2(2E,4E)/8:2(2E,4E))	500.44	3.17
PC(O-10:1(9E)/2:0)	437.97	0.69
PC(O-11:1(10E)/2:0)	451.35	0.29
PC(O-12:0/2:0)	467.50	1.11
PC(O-12:0/O-1:0)	439.47	2.32
PC(O-14:0/2:0)	494.75	0.60
PC(O-14:0/O-14:0)	650.53	140.29
PC(O-16:0/2:0)	523.37	2.76
PC(O-16:1(11Z)/2:0)	520.65	6.05
	400.84	2.53
	402.58	0.07
	403.05	0.04
	403.14	24.16
	404.38	0.12

406.63	0.15
406.93	20.83
412.26	1.03
414.10	1.80
414.47	10.07
418.73	0.17
419.31	1.59
420.82	0.03
420.83	1.21
421.29	5.01
422.08	0.19
426.78	0.48
428.44	3.01
428.65	1.16
431.30	6.33
431.96	86.97
432.71	0.03
434.97	0.19
435.80	0.39
436.01	2.62
442.36	1.04
448.20	4.86
454.36	0.08
457.23	4.56
458.03	6.50
458.64	0.13
470.78	2.81
470.92	1.80
473.59	10.69
474.29	0.55
477.46	2.15
478.06	0.17
482.46	0.49
484.44	1.94
485.06	0.13
486.55	8.86
488.73	0.42
496.86	0.24
497.50	1.83
499.00	0.58
499.28	1.21
503.03	0.15
503.12	5.42
512.16	7.71
525.10	0.08
529.39	0.45
530.07	5.65
533.28	3.49
538.55	0.42

538.63	0.63
539.14	56.36
553.41	2.83
553.68	1.15
555.63	2.97
559.23	0.44
559.82	4.24
569.93	0.36
572.67	11.08
582.62	2.77
582.86	1.28
585.75	5.28
587.00	0.16
588.91	1.35
589.64	24.25
596.43	0.11
596.46	5.72
597.62	1.65
597.94	0.34
601.70	10.06
603.13	0.23
604.84	11.26
605.77	0.90
612.67	3.86
613.93	3.48
614.71	2.33
615.77	0.17
616.75	5.41
622.80	0.91
624.22	2.21
625.89	0.45
625.97	1.94
626.58	0.35
627.26	4.11
630.61	0.30
630.63	0.08
632.64	5.16
633.68	1.48
637.60	2.20
639.67	0.54
642.63	0.18
644.98	3.02
651.77	89.81
652.07	42.59
652.27	9.71
653.21	79.13
655.84	73.95
666.57	9.49
668.04	7.81

	671.02	4.68
	679.79	0.13
	680.68	11.52
	680.85	0.49
	682.18	1.16
	683.78	3.74
	684.01	27.62
	692.89	0.18
	695.26	2.65
	696.05	7.21
	708.12	32.45
	708.79	14.04
	709.65	8.84
	709.87	9.04
	736.25	39.44
30 min exposure to 11 M NaOH		
PC(10:0/10:0)	565.47	0.57
PC(13:0/13:0)	650.00	12.34
PC(10:0/18:0)	676.92	9.27
PC(10:0/18:1(9Z))	675.97	10.57
PC(10:0/18:2(9Z,12Z))	673.91	10.59
PC(10:0/20:0)	706.44	23.14
PC(10:0/21:0)	719.20	4.23
PC(10:0/22:0)	733.27	1.78
PC(10:0/23:0)	746.70	16.87
PC(10:0/24:0)	761.47	17.67
PC(10:0/4:0)	480.45	3.53
PC(11:0/11:0)	593.06	9.40
PC(12:0/12:0)	621.18	9.55
PC(12:0/13:0)	635.05	10.29
PC(12:0/14:1(9Z))	646.98	1.33
PC(12:0/15:1(9Z))	660.82	6.80
PC(12:0/17:2(9Z,12Z))	687.07	47.19
PC(12:0/18:1(9Z))	703.60	87.11
PC(12:0/18:2(9Z,12Z))	701.49	12.50
PC(12:0/18:3(6Z,9Z,12Z))	698.51	5.97
PC(12:0/18:4(6Z,9Z,12Z,15Z))	697.44	0.80
PC(12:0/26:0)	817.78	119.10
PC(13:0/18:2(9Z,12Z))	715.44	8.74
PC(13:0/18:3(6Z,9Z,12Z))	714.10	0.99
PC(13:0/20:3(8Z,11Z,14Z))	740.83	5.91
PC(13:0/20:4(5Z,8Z,11Z,14Z))	738.71	65.81
PC(13:0/20:5(5Z,8Z,11Z,14Z,17Z))	737.28	27.52
PC(13:0/22:2(13Z,16Z))	771.32	3.34
PC(13:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	763.51	47.73
PC(14:0/18:1(11Z))	731.10	19.47
PC(14:0/18:3(9Z,12Z,15Z))	727.40	39.87
PC(14:0/18:4(6Z,9Z,12Z,15Z))	725.05	8.00
PC(14:0/20:4(5Z,8Z,11Z,14Z))	753.12	21.04

PC(14:0/20:5(5Z,8Z,11Z,14Z,17Z))	750.70	20.19
PC(14:0/24:1(15Z))	814.83	22.92
PC(14:0/26:0)	845.71	5.11
PC(14:1(9Z)/0:0)	465.68	4.58
PC(15:0/18:1(11Z))	744.93	2.97
PC(15:0/18:2(9Z,12Z))	742.61	2.05
PC(15:0/20:3(8Z,11Z,14Z))	769.89	20.70
PC(15:0/20:5(5Z,8Z,11Z,14Z,17Z))	765.45	17.76
PC(15:0/22:1(11Z))	801.80	28.23
PC(15:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	792.00	2.05
PC(15:1(9Z)/0:0)	479.20	3.37
PC(15:1(9Z)/22:2(13Z,16Z))	797.49	14.50
PC(15:1(9Z)/22:4(7Z,10Z,13Z,16Z))	793.57	11.91
PC(16:0/15:1(14))	716.75	13.01
PC(16:0/18:1(9Z))	760.00	13.57
PC(16:0/18:2(10E,12Z))	757.24	116.42
PC(16:0/18:3(6Z,9Z,12Z))	756.08	9.68
PC(16:0/2:0)	538.28	14.26
PC(16:0/20:3(5Z,8Z,11Z))	783.27	10.15
PC(16:0/20:4(5Z,8Z,11Z,14Z))	781.35	2.81
PC(16:0/20:5(5Z,8Z,11Z,14Z,17Z))	779.87	11.60
PC(16:0/22:4(7Z,10Z,13Z,16Z))	810.23	21.13
PC(16:0/22:5(4Z,7Z,10Z,13Z,16Z))	807.62	25.05
PC(16:0/22:6(4E,7E,10E,13E,16E,19E))	804.69	3.28
PC(16:0/23:5(8E,11E,14E,17E,20E))	821.26	20.71
PC(16:0/24:1(15Z))	843.97	1.22
PC(16:0/26:0)	873.58	10.08
PC(16:0/26:2(5Z,9Z))	869.11	7.63
PC(16:0/3:0)	551.39	9.91
PC(16:0/3:1(2E))	549.34	63.87
PC(16:0/5:0(COOH))	609.51	2.93
PC(16:0/5:0)	578.75	1.34
PC(16:0/5:1(4E))	576.64	8.40
PC(16:0/9:0(COOH))	666.21	9.21
PC(16:1(9E)/0:0)	493.72	9.06
PC(16:1(9Z)/2:0)	534.41	8.04
PC(16:1(9Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	803.72	1.77
PC(17:0/10:0)	663.46	19.72
PC(17:0/18:1(9Z))	774.16	61.91
PC(17:0/20:4(5Z,8Z,11Z,14Z))	795.61	13.00
PC(17:0/22:2(13Z,16Z))	827.56	20.14
PC(17:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	819.91	4.62
PC(17:1(9Z)/22:2(13Z,16Z))	826.25	12.64
PC(17:2(9Z,12Z)/0:0)	504.51	3.98
PC(18:0/11:1(10E))	689.68	35.43
PC(18:0/18:1(11Z))	787.89	179.26
PC(18:0/18:2(10Z,12Z))	785.26	13.24
PC(18:0/22:3(10Z,13Z,16Z))	839.30	37.79
PC(18:0/22:4(7Z,10Z,13Z,16Z))	837.56	17.15

PC(18:0/24:1(15Z))	872.37	10.83
PC(18:1(11Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	831.63	10.83
PC(18:1(9Z)/4:0)	590.76	2.81
PC(18:2(2E,4E)/0:0)	519.24	1.65
PC(18:3(9Z,12Z,15Z)/0:0)	517.50	9.09
PC(18:4(9E,11E,13E,15E)/0:0)	514.74	3.22
PC(19:0/22:1(11Z))	857.85	20.72
PC(19:0/22:2(13Z,16Z))	856.52	8.25
PC(19:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	848.37	14.38
PC(19:1(9Z)/22:4(7Z,10Z,13Z,16Z))	849.75	6.00
PC(20:0/20:2(11Z,14Z))	841.20	42.56
PC(20:0/22:4(7Z,10Z,13Z,16Z))	865.67	112.21
PC(20:0/22:5(7Z,10Z,13Z,16Z,19Z))	863.39	2.73
PC(20:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	861.55	46.58
PC(20:0/24:1(15Z))	899.26	14.85
PC(20:1(11Z)/22:2(13Z,16Z))	867.74	4.25
PC(20:3(8Z,11Z,14Z)/0:0)	544.67	0.99
PC(20:5(5Z,8Z,11Z,14Z,17Z)/0:0)	541.19	10.32
PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:5(7Z,10Z,13Z,16Z,19Z))	853.86	14.62
PC(21:0/22:1(11Z))	886.35	4.78
PC(21:0/22:2(13Z,16Z))	884.68	3.69
PC(21:0/22:4(7Z,10Z,13Z,16Z))	880.28	11.61
PC(21:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	876.50	22.99
PC(22:0/22:4(7Z,10Z,13Z,16Z))	894.17	1.41
PC(22:1(11Z)/22:4(7Z,10Z,13Z,16Z))	891.13	62.63
PC(22:1(13E)/22:1(13E))	897.74	6.69
PC(22:4(7Z,10Z,13Z,16Z)/0:0)	571.46	5.61
PC(22:4(7Z,10Z,13Z,16Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	881.56	6.23
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/0:0)	567.28	9.61
PC(24:0/0:0)	606.81	0.72
PC(6:0/6:0)	453.37	11.97
PC(6:2(2E,4E)/6:2(2E,4E))	445.00	13.16
PC(6:2(3E,5E)/14:2(11E,13E))	557.53	1.69
PC(O-11:1(10E)/2:0)	450.94	1.80
PC(O-14:0/2:0)	495.04	36.39
PC(O-16:0/2:0)	523.13	5.58
PC(O-16:1(11Z)/2:0)	522.19	10.32
PC(O-18:0/22:5(4Z,7Z,10Z,13Z,16Z))	822.60	11.25
PC(O-18:2(9Z,12Z)/2:0)	547.63	1.59
PC(O-8:0/2:0)	411.38	12.96
	400.52	0.28
	401.52	0.63
	401.57	5.81
	403.81	5.80
	405.32	0.63
	405.80	1.64
	409.31	8.06
	416.43	5.78
	418.40	0.17

420.17	7.54
421.06	7.47
423.62	21.32
427.52	1.03
427.79	2.35
428.80	1.25
432.62	2.96
433.66	5.94
435.30	12.70
435.47	10.95
435.73	1.29
442.07	1.16
443.08	1.78
448.26	17.60
449.99	0.15
458.14	4.53
459.91	1.19
461.13	5.70
461.25	17.65
462.92	0.17
468.57	1.24
470.82	4.35
471.70	2.79
472.18	0.21
473.26	40.94
475.27	3.49
476.78	3.68
477.88	1.45
482.78	4.05
484.80	4.76
485.87	2.94
487.28	4.85
492.20	0.58
492.26	1.96
496.55	0.33
497.34	3.06
498.19	1.31
498.71	22.76
500.17	2.83
511.37	1.34
513.59	5.88
513.77	3.27
524.90	32.57
526.90	13.44
527.79	4.80
532.74	2.58
539.74	0.39
553.39	9.14
553.41	0.92

555.12	27.91
556.25	1.76
558.35	11.27
559.41	3.10
560.70	2.95
569.80	5.05
580.75	0.29
581.26	1.90
583.29	2.19
583.65	1.25
585.16	5.55
586.08	7.29
587.50	0.71
587.59	3.34
588.52	0.51
596.21	0.90
596.85	0.34
596.87	3.23
604.48	10.29
605.53	7.28
610.44	10.76
611.58	1.78
614.18	0.84
614.71	1.13
617.88	0.84
619.32	5.21
619.36	11.68
624.15	0.85
624.55	15.04
625.51	1.93
625.78	6.82
627.38	26.36
628.80	2.09
629.63	6.34
630.92	6.42
633.13	9.51
637.38	0.43
637.51	5.55
639.81	1.07
643.80	11.14
646.05	16.05
652.98	3.51
653.18	1.29
655.55	2.68
657.60	16.21
660.12	1.44
668.87	5.36
671.60	6.05
671.64	3.44

	680.53	27.74
	680.61	5.34
	684.07	1.69
	684.59	4.71
	685.58	11.15
	686.17	2.08
	694.13	16.62
	694.50	0.28
	694.74	3.31
	696.01	4.68
	708.29	6.46
	709.15	1.30
	720.60	19.38
	721.25	15.61
	735.09	3.72
60 min exposure to 11 M NaOH		
PC(13:0/13:0)	650.00	14.64
PC(10:0/18:0)	677.25	3.97
PC(10:0/18:1(9Z))	675.48	20.78
PC(10:0/20:0)	705.01	57.03
PC(10:0/21:0)	719.53	24.84
PC(10:0/22:0)	732.63	28.85
PC(10:0/23:0)	748.21	13.22
PC(10:0/24:0)	762.00	140.57
PC(10:0/25:0)	776.22	31.23
PC(10:0/4:0)	480.55	11.45
PC(11:0/11:0)	593.90	0.88
PC(12:0/12:0)	621.02	13.94
PC(12:0/13:0)	636.42	6.78
PC(12:0/14:1(9Z))	648.13	23.15
PC(12:0/15:1(9Z))	661.35	25.90
PC(12:0/17:2(9Z,12Z))	687.31	19.90
PC(12:0/18:1(9Z))	703.22	165.07
PC(12:0/18:2(9Z,12Z))	701.04	4.45
PC(12:0/18:3(6Z,9Z,12Z))	699.82	55.21
PC(12:0/18:4(6Z,9Z,12Z,15Z))	697.69	23.60
PC(12:0/20:5(5Z,8Z,11Z,14Z,17Z))	723.28	77.48
PC(12:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	748.67	89.06
PC(13:0/18:4(6Z,9Z,12Z,15Z))	711.23	50.14
PC(13:0/20:3(8Z,11Z,14Z))	741.08	6.98
PC(13:0/20:4(5Z,8Z,11Z,14Z))	739.38	55.85
PC(13:0/22:2(13Z,16Z))	772.19	20.50
PC(14:0/18:1(11Z))	731.56	41.24
PC(14:0/18:2(11Z,14Z))	729.55	21.02
PC(14:0/18:4(6Z,9Z,12Z,15Z))	725.21	117.62
PC(14:0/20:4(5Z,8Z,11Z,14Z))	753.84	13.15
PC(14:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	777.69	26.54
PC(14:0/24:1(15Z))	815.01	131.29
PC(15:0/18:1(11Z))	746.16	10.63

PC(15:0/18:2(9Z,12Z))	742.96	1.79
PC(15:0/20:3(8Z,11Z,14Z))	770.19	31.03
PC(15:0/20:5(5Z,8Z,11Z,14Z,17Z))	765.51	16.80
PC(15:0/22:1(11Z))	800.99	47.07
PC(15:1(9Z)/22:2(13Z,16Z))	798.54	23.10
PC(15:1(9Z)/22:4(7Z,10Z,13Z,16Z))	793.60	34.19
PC(16:0/18:1(9Z))	759.71	11.44
PC(16:0/18:2(10E,12Z))	757.16	14.49
PC(16:0/18:3(6Z,9Z,12Z))	755.07	58.49
PC(16:0/2:0)	537.72	9.78
PC(16:0/20:4(5Z,8Z,11Z,14Z))	780.87	258.52
PC(16:0/20:5(5Z,8Z,11Z,14Z,17Z))	779.25	2.35
PC(16:0/22:5(4Z,7Z,10Z,13Z,16Z))	807.79	19.00
PC(16:0/22:6(4E,7E,10E,13E,16E,19E))	806.23	174.44
PC(16:0/24:1(15Z))	843.91	36.12
PC(16:0/26:0)	873.20	50.12
PC(16:0/3:0)	551.25	5.81
PC(16:0/5:0(COOH))	609.60	8.84
PC(16:0/5:0)	579.00	14.13
PC(16:0/9:0(COOH))	665.34	7.44
PC(16:1(9E)/0:0)	494.24	14.94
PC(16:1(9Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	804.31	291.78
PC(17:0/10:0)	664.27	3.11
PC(17:0/18:1(9Z))	774.06	12.62
PC(17:0/20:4(5Z,8Z,11Z,14Z))	795.35	7.83
PC(17:0/22:2(13Z,16Z))	828.28	32.95
PC(17:1(10Z)/0:0)	507.18	39.14
PC(17:1(9Z)/22:2(13Z,16Z))	825.69	35.24
PC(17:2(9Z,12Z)/0:0)	505.06	4.36
PC(18:0/11:1(10E))	689.58	13.52
PC(18:0/18:0)	788.63	8.13
PC(18:0/18:1(11Z))	787.93	86.39
PC(18:0/18:2(10Z,12Z))	786.25	133.78
PC(18:0/20:2(11Z,14Z))	813.73	4.01
PC(18:0/22:3(10Z,13Z,16Z))	839.53	18.87
PC(18:0/22:5(4Z,7Z,10Z,13Z,16Z))	834.69	52.12
PC(18:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	832.62	118.12
PC(18:1(11Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	831.99	0.82
PC(18:1(9E)/2:0)	563.51	24.06
PC(18:1(9Z)/4:0)	591.23	7.57
PC(18:2(2E,4E)/0:0)	519.68	0.58
PC(18:3(9Z,12Z,15Z)/0:0)	516.42	44.57
PC(19:0/22:1(11Z))	858.08	14.53
PC(19:0/22:2(13Z,16Z))	855.17	31.82
PC(19:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	847.91	51.98
PC(19:1(9Z)/22:4(7Z,10Z,13Z,16Z))	849.20	14.17
PC(19:3(10Z,13Z,16Z)/0:0)	530.59	7.40
PC(20:0/20:2(11Z,14Z))	842.20	4.19
PC(20:0/22:4(7Z,10Z,13Z,16Z))	866.33	9.86

PC(20:0/22:5(7Z,10Z,13Z,16Z,19Z))	863.77	17.52
PC(20:1(11Z)/22:2(13Z,16Z))	867.83	20.75
PC(20:3(8Z,11Z,14Z)/0:0)	545.44	14.79
PC(20:4(5Z,8Z,11Z,14Z)/0:0)	543.39	33.82
PC(20:5(5Z,8Z,11Z,14Z,17Z)/0:0)	540.72	10.03
PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	851.21	100.88
PC(21:0/22:1(11Z))	886.41	11.41
PC(21:0/22:2(13Z,16Z))	883.59	23.06
PC(21:0/22:4(7Z,10Z,13Z,16Z))	880.62	2.69
PC(21:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	874.90	11.66
PC(22:0/22:4(7Z,10Z,13Z,16Z))	893.82	42.94
PC(22:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	889.09	8.35
PC(22:1(11Z)/22:4(7Z,10Z,13Z,16Z))	891.20	3.22
PC(22:1(13E)/22:1(13E))	898.44	4.66
PC(22:2(13Z,16Z)/0:0)	574.66	14.98
PC(22:4(7Z,10Z,13Z,16Z)/0:0)	572.06	2.63
PC(22:4(7Z,10Z,13Z,16Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	881.43	4.58
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/0:0)	567.73	8.92
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	877.15	50.07
PC(23:0/18:0)	859.37	11.46
PC(24:0/0:0)	607.10	2.12
PC(25:0/18:0)	888.60	34.34
PC(6:0/6:0)	453.02	3.79
PC(6:2(2E,4E)/6:2(2E,4E))	444.90	12.57
PC(6:2(3E,5E)/14:2(11E,13E))	557.08	10.15
PC(8:2(2E,4E)/8:2(2E,4E))	500.55	12.67
PC(O-10:1(9E)/2:0)	437.03	11.01
PC(O-11:1(10E)/2:0)	451.22	1.54
PC(O-12:0/2:0)	467.58	7.89
PC(O-14:0/2:0)	495.90	14.44
PC(O-16:0/2:0)	522.96	10.47
PC(O-16:1(11Z)/2:0)	521.19	4.98
PC(O-18:2(9Z,12Z)/2:0)	547.95	6.69
PC(O-8:0/2:0)	411.44	1.32
	400.60	7.72
	401.82	0.57
	402.29	0.40
	403.16	7.19
	405.36	1.20
	405.93	4.94
	406.13	16.52
	407.07	6.57
	409.93	5.20
	413.13	5.00
	413.51	57.15
	414.77	0.95
	414.92	42.27
	417.54	92.11
	419.06	23.96

421.63	0.56
422.64	13.77
423.80	34.99
426.76	41.07
428.14	5.87
428.57	5.13
429.39	0.21
430.04	7.23
430.95	38.07
435.53	2.58
441.28	0.81
443.16	8.26
443.44	2.39
447.20	1.67
448.58	1.60
449.26	25.73
454.96	4.25
457.53	14.44
457.93	2.62
459.05	1.60
459.56	15.41
460.82	12.04
460.92	1.73
461.82	0.68
463.16	22.00
470.17	67.57
470.73	3.23
471.80	5.93
474.63	5.99
475.34	47.45
476.45	3.28
476.69	1.60
477.94	8.43
483.60	5.81
484.37	3.17
484.42	4.05
486.73	6.07
490.58	2.30
491.61	8.85
491.94	2.93
496.52	17.21
497.16	12.94
503.26	13.22
511.41	17.50
513.93	2.02
525.44	1.43
525.45	85.86
532.68	70.31
532.97	30.91

540.28	11.83
553.00	3.16
553.96	76.46
554.78	37.76
554.96	1.32
560.74	1.65
561.44	25.98
561.67	1.37
572.77	10.68
573.64	22.48
573.85	4.15
581.49	67.86
581.94	3.24
582.28	1.78
582.68	5.28
583.95	12.19
585.52	7.72
587.23	4.26
588.71	13.05
589.32	0.49
589.57	11.38
595.03	6.24
595.57	1.71
597.21	10.73
598.51	0.61
599.75	4.83
600.91	9.67
602.45	6.54
602.92	37.31
603.83	21.75
611.83	13.73
613.59	15.03
614.31	12.85
615.06	3.12
617.00	4.95
617.78	1.56
618.04	6.93
618.48	0.84
618.94	4.16
619.06	12.69
625.16	3.97
628.36	6.51
630.91	1.94
631.16	11.34
632.25	18.92
637.23	2.80
639.69	11.61
641.94	0.42
643.15	0.48

651.62	5.00
652.06	55.81
652.34	39.65
654.35	2.07
656.89	13.49
658.36	17.43
658.95	27.39
666.54	0.93
669.95	18.99
670.63	1.35
672.04	23.42
672.11	7.98
682.23	0.92
683.27	15.20
683.78	2.36
684.17	16.85
692.66	23.40
695.30	1.47
695.30	30.19
708.57	59.77
709.92	42.65
720.65	55.94
722.45	5.44
734.90	75.96
734.90	13.29
736.37	45.95

The identifiable phosphatidylcholine (PC) species present in the porcine control group and experimental groups have been listed here.The average m/z and lipid amount in pmol/µg corresponding to the PC species have been provided. Also listed are the species that are not identified in the database, arranged by m/z. *The lipid species identification is based on Lipidmaps database, used as a *.csv file for bioinformatic analyses with MZmine 2.2 program. ** A representative mass/charge ratio is presented (variations in m/z was reconciled by MZmine 2.2) .

Supplemental Table S2: Phosphocholine species present in human cornea.

Lipid Species*	m/z**	Average lipid amount (pmol per species/µg protein)
Control corneas		
PC(10:0/10:0)	564.73	13.07
PC(13:0/13:0)	650.00	34.41
PC(10:0/18:0)	676.79	22.45
PC(10:0/18:1(9Z))	675.00	15.60
PC(10:0/18:2(9Z,12Z))	673.57	4.05
PC(10:0/19:0)	691.97	6.47
PC(10:0/20:0)	705.01	1.93
PC(10:0/21:0)	719.00	8.66
PC(10:0/22:0)	733.04	37.47
PC(10:0/23:0)	747.42	10.08
PC(10:0/24:0)	762.15	7.77
PC(10:0/4:0)	480.97	1.93
PC(11:0/11:0)	592.45	4.57
PC(12:0/13:0)	635.41	2.78
PC(12:0/14:1(9Z))	647.68	1.44
PC(12:0/15:1(9Z))	660.55	7.66
PC(12:0/18:1(9Z))	703.84	36.75
PC(12:0/18:2(9Z,12Z))	701.72	18.12
PC(12:0/18:3(6Z,9Z,12Z))	699.60	3.50
PC(12:0/18:4(6Z,9Z,12Z,15Z))	698.43	0.97
PC(12:0/26:0)	817.41	33.34
PC(13:0/18:3(6Z,9Z,12Z))	712.80	10.25
PC(13:0/18:4(6Z,9Z,12Z,15Z))	712.28	3.01
PC(13:0/20:3(8Z,11Z,14Z))	741.59	64.94
PC(13:0/20:4(5Z,8Z,11Z,14Z))	738.86	15.64
PC(13:0/20:5(5Z,8Z,11Z,14Z,17Z))	737.31	37.41
PC(13:0/22:2(13Z,16Z))	771.87	39.12
PC(14:0/18:2(11Z,14Z))	729.47	1.49
PC(14:0/18:3(9Z,12Z,15Z))	727.47	11.58
PC(14:0/18:4(6Z,9Z,12Z,15Z))	725.80	1.24
PC(14:0/2:0)	509.19	18.14
PC(14:0/20:4(5Z,8Z,11Z,14Z))	753.35	1.97
PC(14:0/20:5(5Z,8Z,11Z,14Z,17Z))	752.23	4.33
PC(14:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	777.35	12.95
PC(14:0/24:1(15Z))	815.62	105.82
PC(15:0/18:1(11Z))	745.26	17.42
PC(15:0/20:3(8Z,11Z,14Z))	768.89	33.42
PC(15:0/22:2(13Z,16Z))	799.87	67.63
PC(15:1(9Z)/0:0)	479.48	1.13
PC(15:1(9Z)/22:2(13Z,16Z))	797.49	16.28
PC(15:1(9Z)/22:4(7Z,10Z,13Z,16Z))	792.66	119.52
PC(16:0/15:1(14))	717.54	3.45
PC(16:0/18:1(9Z))	759.54	89.32
PC(16:0/18:3(6Z,9Z,12Z))	755.45	11.27
PC(16:0/2:0)	537.41	7.64
PC(16:0/20:5(5Z,8Z,11Z,14Z,17Z))	779.33	64.48
PC(16:0/22:5(4Z,7Z,10Z,13Z,16Z))	806.90	34.04
PC(16:0/22:6(4E,7E,10E,13E,16E,19E))	805.53	91.99

PC(16:0/23:5(8E,11E,14E,17E,20E))	821.82	10.77
PC(16:0/24:1(15Z))	843.39	34.04
PC(16:0/26:2(5Z,9Z))	869.73	17.42
PC(16:0/3:0)	551.40	4.11
PC(16:0/3:1(2E))	549.99	3.14
PC(16:0/5:0(COOH))	609.85	1.50
PC(16:0/5:0)	578.76	2.58
PC(16:0/5:1(4E))	577.94	4.39
PC(16:0/9:0(COOH))	665.70	17.61
PC(16:1(9E)/0:0)	492.95	1.16
PC(16:1(9Z)/2:0)	535.60	2.47
PC(16:1(9Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	802.90	9.51
PC(16:1(9Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	803.19	13.56
PC(17:0/10:0)	663.50	18.91
PC(17:0/18:1(9Z))	773.85	83.05
PC(17:0/20:4(5Z,8Z,11Z,14Z))	795.56	5.19
PC(17:0/22:4(7Z,10Z,13Z,16Z))	824.23	48.94
PC(17:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	819.79	54.61
PC(17:1(10Z)/0:0)	507.04	2.45
PC(17:1(9Z)/22:2(13Z,16Z))	826.04	28.84
PC(17:2(9Z,12Z)/0:0)	504.95	0.78
PC(18:0/11:1(10E))	689.95	2.78
PC(18:0/18:0)	789.88	64.39
PC(18:0/18:1(11Z))	788.45	108.30
PC(18:0/18:2(10Z,12Z))	785.94	54.68
PC(18:0/20:2(11Z,14Z))	813.51	3.70
PC(18:0/22:3(10Z,13Z,16Z))	839.62	27.65
PC(18:0/22:4(7Z,10Z,13Z,16Z))	836.98	21.87
PC(18:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	833.51	6.59
PC(18:0/24:1(15Z))	871.49	41.44
PC(18:1(11Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	832.29	4.28
PC(18:2(2E,4E)/0:0)	519.83	7.30
PC(18:2(9Z,12Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	829.98	2.98
PC(18:4(9E,11E,13E,15E)/0:0)	515.56	2.13
PC(19:0/22:2(13Z,16Z))	855.36	36.96
PC(19:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	847.68	75.94
PC(19:1(9Z)/22:2(13Z,16Z))	854.59	9.48
PC(19:1(9Z)/22:4(7Z,10Z,13Z,16Z))	848.82	36.44
PC(19:3(10Z,13Z,16Z)/0:0)	531.41	2.10
PC(20:0/22:4(7Z,10Z,13Z,16Z))	865.66	52.37
PC(20:0/22:5(7Z,10Z,13Z,16Z,19Z))	863.50	33.44
PC(20:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	861.73	28.17
PC(20:0/24:1(15Z))	899.44	1.61
PC(20:1(11Z)/22:2(13Z,16Z))	868.45	1.12
PC(20:4(5Z,8Z,11Z,14Z)/0:0)	544.01	1.82
PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:5(7Z,10Z,13Z,16Z,19Z))	853.10	5.86
PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	851.89	40.80
PC(21:0/22:1(11Z))	885.72	12.75
PC(21:0/22:2(13Z,16Z))	883.61	0.63
PC(21:0/22:4(7Z,10Z,13Z,16Z))	879.30	20.88
PC(21:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	875.03	15.91
PC(22:0/22:4(7Z,10Z,13Z,16Z))	893.08	37.16
PC(22:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	889.30	5.26
PC(22:1(11Z)/22:2(13Z,16Z))	896.08	56.58
PC(22:1(11Z)/22:4(7Z,10Z,13Z,16Z))	891.39	7.79

PC(22:2(13Z,16Z)/0:0)	575.27	0.81
PC(22:4(7Z,10Z,13Z,16Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	881.53	86.64
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/0:0)	566.67	2.37
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	878.12	29.24
PC(23:0/18:0)	859.49	54.68
PC(5:0/5:0)	425.16	1.68
PC(6:2(3E,5E)/14:2(11E,13E))	558.18	11.18
PC(O-10:1(9E)/2:0)	437.93	0.53
PC(O-11:1(10E)/2:0)	452.20	8.29
PC(O-12:0/2:0)	468.30	0.98
PC(O-12:0/O-1:0)	439.35	3.89
PC(O-14:0/2:0)	494.90	7.27
PC(O-15:0/20:4(5Z,8Z,11Z,14Z))	754.55	14.98
PC(O-16:0/2:0)	522.87	7.52
PC(O-16:1(11Z)/2:0)	522.20	5.10
PC(O-8:0/2:0)	410.88	2.29
	400.76	3.80
	402.75	7.01
	403.91	8.05
	404.32	2.41
	406.42	1.75
	408.37	2.94
	412.38	15.57
	413.79	1.66
	414.32	6.79
	431.13	4.76
	433.35	42.64
	434.32	1.07
	444.07	0.63
	446.73	2.90
	449.49	3.41
	450.04	0.66
	450.22	2.48
	458.36	0.72
	461.65	1.66
	462.29	1.22
	468.92	1.75
	470.37	2.35
	475.95	30.59
	484.10	2.51
	484.42	1.63
	485.69	2.05
	490.29	0.86
	491.65	1.72
	491.95	0.74
	496.57	0.84
	498.27	25.71
	499.73	4.91
	500.09	4.20
	502.94	9.56
	503.96	4.32
	512.23	3.27
	513.45	2.80
	525.04	4.69
	525.38	14.22

527.03	3.33
529.22	18.34
533.70	5.11
538.50	3.01
538.64	25.45
540.18	3.39
554.54	8.65
558.50	1.17
559.78	2.40
582.79	1.67
585.37	3.31
586.76	4.31
587.47	27.87
588.73	4.38
597.37	11.67
598.77	0.72
600.92	1.43
605.51	1.06
612.56	3.89
614.24	1.24
614.41	1.57
618.28	2.14
618.40	2.93
618.55	3.25
620.03	3.71
620.22	5.12
620.23	8.26
623.78	5.37
625.23	0.51
627.08	3.92
628.13	7.11
630.01	2.49
637.85	8.65
639.86	0.97
640.43	15.87
641.69	20.70
641.95	2.81
643.94	7.35
644.20	8.05
653.09	26.24
653.85	36.77
654.29	2.23
655.52	15.77
659.27	6.28
667.66	44.84
671.36	10.55
671.53	5.08
679.58	19.41
680.92	13.55
682.97	1.72
684.02	1.33
685.21	5.04
685.42	22.03
685.51	1.55
693.09	8.51

	694.22	17.08
	694.24	13.46
	706.97	28.98
	708.94	51.48
	720.91	2.86
	722.43	56.69
	735.51	5.69
	810.59	115.35
30 second exposure to 11 M NaOH		
PC(13:0/13:0)	650.00	4.78
PC(10:0/18:0)	677.54	1.64
PC(10:0/18:1(9Z))	676.37	0.79
PC(10:0/19:0)	691.00	0.78
PC(10:0/20:0)	706.05	8.78
PC(10:0/22:0)	733.78	5.56
PC(10:0/23:0)	747.12	11.69
PC(10:0/25:0)	775.15	3.04
PC(10:0/4:0)	481.09	3.31
PC(11:0/11:0)	593.48	2.15
PC(12:0/12:0)	621.61	1.46
PC(12:0/13:0)	635.63	0.47
PC(12:0/15:1(9Z))	662.29	2.10
PC(12:0/17:2(9Z,12Z))	687.44	1.85
PC(12:0/18:1(9Z))	703.17	13.90
PC(12:0/18:2(9Z,12Z))	701.55	1.43
PC(12:0/18:3(6Z,9Z,12Z))	699.67	0.59
PC(12:0/18:4(6Z,9Z,12Z,15Z))	697.04	1.31
PC(12:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	749.43	12.47
PC(13:0/18:3(6Z,9Z,12Z))	714.30	8.02
PC(13:0/18:4(6Z,9Z,12Z,15Z))	711.75	8.03
PC(13:0/20:3(8Z,11Z,14Z))	741.71	5.99
PC(13:0/20:4(5Z,8Z,11Z,14Z))	740.13	2.83
PC(13:0/22:2(13Z,16Z))	771.88	5.06
PC(13:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	764.18	5.51
PC(14:0/18:1(11Z))	732.36	4.38
PC(14:0/18:2(11Z,14Z))	729.45	2.94
PC(14:0/18:3(9Z,12Z,15Z))	726.93	0.20
PC(14:0/18:4(6Z,9Z,12Z,15Z))	726.33	5.08
PC(14:0/2:0)	509.47	0.57
PC(14:0/20:5(5Z,8Z,11Z,14Z,17Z))	751.34	4.57
PC(14:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	777.11	7.45
PC(14:0/24:1(15Z))	815.67	11.93
PC(14:0/26:0)	845.42	3.54
PC(14:1(9Z)/0:0)	465.33	0.51
PC(15:0/18:1(11Z))	746.16	3.33
PC(15:0/18:2(9Z,12Z))	743.05	2.78
PC(15:0/20:5(5Z,8Z,11Z,14Z,17Z))	765.32	22.21
PC(15:0/22:1(11Z))	801.49	2.73
PC(15:0/22:2(13Z,16Z))	799.69	0.94
PC(15:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	792.02	4.96
PC(15:1(9Z)/0:0)	479.51	0.37
PC(15:1(9Z)/22:2(13Z,16Z))	797.88	1.64
PC(16:0/15:1(14))	717.61	2.73
PC(16:0/18:1(9Z))	759.41	6.75
PC(16:0/18:2(10E,12Z))	756.86	2.79

PC(16:0/18:3(6Z,9Z,12Z))	755.15	4.18
PC(16:0/2:0)	537.31	0.56
PC(16:0/20:3(5Z,8Z,11Z))	783.40	0.11
PC(16:0/20:5(5Z,8Z,11Z,14Z,17Z))	779.92	1.16
PC(16:0/22:4(7Z,10Z,13Z,16Z))	810.57	1.87
PC(16:0/22:5(4Z,7Z,10Z,13Z,16Z))	807.40	5.22
PC(16:0/22:6(4E,7E,10E,13E,16E,19E))	806.18	1.97
PC(16:0/24:1(15Z))	843.61	1.13
PC(16:0/26:2(5Z,9Z))	869.59	1.24
PC(16:0/3:0)	551.56	0.52
PC(16:0/3:1(2E))	549.61	0.15
PC(16:0/5:0(COOH))	608.96	0.89
PC(16:0/5:0)	579.89	0.45
PC(16:0/5:1(4E))	577.56	0.43
PC(16:0/9:0(COOH))	664.55	0.60
PC(16:1(9E)/0:0)	493.60	0.42
PC(16:1(9Z)/2:0)	535.54	0.23
PC(16:1(9Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	803.93	5.07
PC(17:0/10:0)	663.44	0.45
PC(17:0/18:1(9Z))	773.80	1.67
PC(17:0/22:2(13Z,16Z))	828.06	4.77
PC(17:0/22:4(7Z,10Z,13Z,16Z))	823.82	2.38
PC(17:1(10Z)/0:0)	506.81	0.36
PC(17:1(9Z)/22:2(13Z,16Z))	825.93	12.25
PC(17:2(9Z,12Z)/0:0)	505.59	1.64
PC(18:0/11:1(10E))	689.06	0.87
PC(18:0/18:0)	790.04	6.56
PC(18:0/18:1(11Z))	787.74	1.95
PC(18:0/18:2(10Z,12Z))	785.24	1.39
PC(18:0/20:2(11Z,14Z))	813.08	2.31
PC(18:0/20:3(5Z,11Z,14Z))	811.47	4.01
PC(18:0/22:4(7Z,10Z,13Z,16Z))	838.18	2.80
PC(18:0/22:5(4Z,7Z,10Z,13Z,16Z))	835.42	6.53
PC(18:2(2E,4E)/0:0)	519.10	0.94
PC(18:2(9Z,12E)/17:2(9Z,11E))	768.26	5.88
PC(18:2(9Z,12Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	829.15	3.12
PC(18:4(9E,11E,13E,15E)/0:0)	515.16	0.63
PC(19:0/22:1(11Z))	857.01	2.06
PC(19:0/22:2(13Z,16Z))	856.28	5.97
PC(19:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	847.46	1.23
PC(19:1(9Z)/22:4(7Z,10Z,13Z,16Z))	850.30	1.71
PC(19:3(10Z,13Z,16Z)/0:0)	530.62	0.97
PC(20:0/20:2(11Z,14Z))	842.57	1.03
PC(20:0/22:5(7Z,10Z,13Z,16Z,19Z))	863.36	0.13
PC(20:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	861.39	5.96
PC(20:0/24:1(15Z))	899.48	1.59
PC(20:1(11Z)/22:2(13Z,16Z))	867.74	4.72
PC(20:3(8Z,11Z,14Z)/0:0)	544.53	0.56
PC(20:4(5Z,8Z,11Z,14Z)/0:0)	543.94	0.46
PC(20:5(5Z,8Z,11Z,14Z,17Z)/0:0)	541.35	2.65
PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:5(7Z,10Z,13Z,16Z,19Z))	853.07	3.08
PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	851.83	3.67
PC(21:0/22:1(11Z))	885.93	7.42
PC(21:0/22:2(13Z,16Z))	883.02	1.60
PC(21:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	875.65	1.68

PC(22:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	890.03	0.48
PC(22:1(11Z)/22:2(13Z,16Z))	895.54	2.35
PC(22:1(11Z)/22:4(7Z,10Z,13Z,16Z))	891.52	2.40
PC(22:2(13Z,16Z)/0:0)	575.50	0.19
PC(22:4(7Z,10Z,13Z,16Z)/0:0)	571.56	0.73
PC(22:4(7Z,10Z,13Z,16Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	881.88	4.88
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/0:0)	567.30	0.59
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	876.88	0.71
PC(23:0/18:0)	860.14	2.57
PC(24:0/0:0)	606.63	0.95
PC(25:0/18:0)	886.99	0.49
PC(5:0/5:0)	424.64	0.46
PC(6:0/6:0)	453.44	0.11
PC(6:2(2E,4E)/6:2(2E,4E))	444.76	1.05
PC(6:2(3E,5E)/14:2(11E,13E))	556.75	1.58
PC(8:2(2E,4E)/8:2(2E,4E))	501.32	0.56
PC(O-10:1(9E)/2:0)	437.21	0.54
PC(O-11:1(10E)/2:0)	451.68	1.81
PC(O-12:0/2:0)	467.74	0.11
PC(O-16:0/2:0)	524.28	0.06
PC(O-16:1(11Z)/2:0)	521.39	0.20
PC(O-17:0/18:1(9Z))	760.59	2.71
PC(O-18:2(9Z,12Z)/2:0)	546.44	1.39
PC(O-8:0/2:0)	410.83	0.25
	401.58	0.18
	402.80	0.57
	403.50	0.11
	404.96	0.51
	407.32	0.77
	408.25	0.36
	413.78	0.19
	413.84	0.96
	413.90	0.14
	415.69	0.53
	417.50	0.08
	417.55	0.11
	419.03	0.15
	420.09	0.63
	421.16	0.28
	421.68	0.09
	426.69	0.50
	427.26	0.34
	427.64	0.26
	432.11	1.13
	434.06	0.32
	435.91	0.84
	440.62	0.25
	442.01	0.29
	447.86	0.09
	449.55	0.83
	455.10	0.15
	456.44	0.34
	457.29	0.44
	457.59	0.62
	460.13	0.96

461.07	0.64
462.59	0.16
471.44	0.16
471.96	0.63
473.54	0.26
474.08	1.19
474.23	3.15
486.32	0.52
486.95	0.54
488.27	0.10
492.15	0.43
492.24	1.84
497.14	0.34
497.18	0.30
497.19	0.23
498.32	0.46
498.89	0.44
502.33	0.88
524.75	0.94
527.23	0.64
528.98	0.22
529.05	2.79
530.26	3.55
539.69	0.36
552.52	0.70
552.87	0.21
553.32	0.76
554.82	1.65
559.69	1.01
561.02	2.57
569.34	0.14
580.96	1.23
582.91	0.53
584.83	0.63
585.13	1.23
588.06	0.27
588.97	0.05
589.37	0.27
589.78	0.85
590.28	0.92
595.15	0.08
598.53	0.54
598.63	0.78
600.41	0.27
602.38	0.28
602.49	0.38
605.42	0.84
605.76	0.41
611.13	0.07
612.13	0.97
612.32	0.13
615.12	0.92
616.22	3.54
618.25	0.51
622.73	0.29

	624.31	1.33
	625.39	0.30
	628.92	0.98
	629.02	0.18
	632.84	1.08
	632.86	3.44
	636.57	0.31
	637.72	0.62
	638.26	1.25
	641.42	2.43
	643.68	5.00
	645.09	0.56
	645.33	0.85
	655.26	2.12
	656.16	0.54
	657.41	0.75
	657.64	3.49
	659.96	0.93
	668.78	0.69
	669.63	2.36
	670.53	1.25
	671.76	0.79
	672.15	0.37
	679.64	1.31
	683.50	1.04
	683.99	1.54
	684.53	0.30
	685.57	0.20
	686.28	0.34
	694.19	0.88
	695.63	0.18
	720.80	3.80
	752.53	2.25
12 min exposure to 11 M NaOH		
PC(10:0/10:0)	565.90	3.40
PC(13:0/13:0)	650.00	6.18
PC(10:0/18:0)	677.55	6.31
PC(10:0/18:2(9Z,12Z))	672.56	1.02
PC(10:0/19:0)	691.41	12.37
PC(10:0/20:0)	705.65	43.40
PC(10:0/21:0)	719.75	17.42
PC(10:0/22:0)	733.03	77.75
PC(10:0/23:0)	747.95	2.94
PC(10:0/24:0)	761.86	51.73
PC(10:0/25:0)	776.11	15.21
PC(11:0/11:0)	593.62	3.89
PC(12:0/12:0)	621.37	3.08
PC(12:0/14:1(9Z))	647.81	3.07
PC(12:0/15:1(9Z))	661.98	16.82
PC(12:0/17:2(9Z,12Z))	687.29	3.33
PC(12:0/18:1(9Z))	702.71	14.21
PC(12:0/18:2(9Z,12Z))	701.54	74.76
PC(12:0/18:3(6Z,9Z,12Z))	699.14	12.93
PC(12:0/18:4(6Z,9Z,12Z,15Z))	696.82	58.74
PC(12:0/20:5(5Z,8Z,11Z,14Z,17Z))	723.22	14.82

PC(12:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	749.40	18.47
PC(12:0/26:0)	817.89	91.19
PC(13:0/13:0)	651.11	20.70
PC(13:0/18:2(9Z,12Z))	715.92	5.15
PC(13:0/18:3(6Z,9Z,12Z))	713.61	3.87
PC(13:0/18:4(6Z,9Z,12Z,15Z))	711.42	38.86
PC(13:0/20:4(5Z,8Z,11Z,14Z))	739.65	41.89
PC(13:0/20:5(5Z,8Z,11Z,14Z,17Z))	737.56	2.24
PC(13:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	763.14	3.92
PC(14:0/18:2(11Z,14Z))	729.63	5.06
PC(14:0/18:3(9Z,12Z,15Z))	728.44	10.22
PC(14:0/18:4(6Z,9Z,12Z,15Z))	0.00	8.16
PC(14:0/20:5(5Z,8Z,11Z,14Z,17Z))	751.70	22.89
PC(14:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	777.87	17.78
PC(14:0/24:1(15Z))	815.18	12.63
PC(14:0/26:0)	845.32	7.15
PC(14:1(9Z)/0:0)	465.05	5.53
PC(15:0/18:1(11Z))	745.15	39.04
PC(15:0/18:2(9Z,12Z))	744.33	2.28
PC(15:0/20:3(8Z,11Z,14Z))	769.11	16.04
PC(15:0/20:5(5Z,8Z,11Z,14Z,17Z))	765.91	5.59
PC(15:0/22:1(11Z))	801.37	14.85
PC(15:0/22:1(11Z))	800.77	17.92
PC(15:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	791.75	11.70
PC(15:1(9Z)/22:2(13Z,16Z))	797.06	11.49
PC(16:0/15:1(14))	717.91	11.41
PC(16:0/18:1(9Z))	759.82	39.16
PC(16:0/18:2(10E,12Z))	757.72	0.54
PC(16:0/18:3(6Z,9Z,12Z))	754.91	19.76
PC(16:0/20:3(5Z,8Z,11Z))	784.24	31.17
PC(16:0/20:4(5Z,8Z,11Z,14Z))	782.39	11.38
PC(16:0/20:5(5Z,8Z,11Z,14Z,17Z))	779.51	1.79
PC(16:0/22:4(7Z,10Z,13Z,16Z))	808.90	2.59
PC(16:0/22:5(4Z,7Z,10Z,13Z,16Z))	807.56	33.97
PC(16:0/23:5(8E,11E,14E,17E,20E))	821.01	34.61
PC(16:0/24:1(15Z))	843.46	0.76
PC(16:0/26:0)	873.96	4.45
PC(16:0/26:2(5Z,9Z))	869.97	18.82
PC(16:0/3:1(2E))	549.37	6.46
PC(16:0/5:0(COOH))	609.67	5.68
PC(16:0/5:1(4E))	577.08	1.17
PC(16:1(9E)/0:0)	493.35	4.26
PC(16:1(9Z)/2:0)	535.91	4.88
PC(16:1(9Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	803.15	41.59
PC(17:0/10:0)	662.77	0.98
PC(17:0/20:4(5Z,8Z,11Z,14Z))	795.73	18.91
PC(17:0/22:4(7Z,10Z,13Z,16Z))	823.18	12.20
PC(17:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	819.59	16.18
PC(17:1(10Z)/0:0)	507.11	3.87
PC(17:1(9Z)/22:2(13Z,16Z))	826.03	62.21
PC(17:2(9Z,12Z)/0:0)	505.48	1.12
PC(18:0/11:1(10E))	689.07	6.84
PC(18:0/18:0)	789.65	7.96
PC(18:0/18:1(11Z))	787.78	19.04
PC(18:0/18:2(10Z,12Z))	786.53	25.46

PC(18:0/20:3(5Z,11Z,14Z))	811.61	10.70
PC(18:0/22:3(10Z,13Z,16Z))	840.45	3.56
PC(18:0/22:4(7Z,10Z,13Z,16Z))	837.42	7.42
PC(18:0/22:5(4Z,7Z,10Z,13Z,16Z))	835.43	13.20
PC(18:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	833.79	16.73
PC(18:1(11Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	831.98	11.95
PC(18:1(9E)/2:0)	562.77	4.41
PC(18:2(9Z,12E)/17:2(9Z,11E))	767.31	9.44
PC(18:2(9Z,12E)/17:2(9Z,11E))	767.90	14.96
PC(18:2(9Z,12Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	830.10	1.98
PC(18:3(9Z,12Z,15Z)/0:0)	516.83	0.93
PC(18:4(9E,11E,13E,15E)/18:4(9E,11E,13E,15E))	772.55	45.07
PC(19:0/22:1(11Z))	857.64	17.37
PC(19:0/22:2(13Z,16Z))	855.75	32.92
PC(19:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	847.98	7.10
PC(19:3(10Z,13Z,16Z)/0:0)	530.87	3.70
PC(20:0/20:2(11Z,14Z))	842.25	67.02
PC(20:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	861.71	3.16
PC(20:1(11Z)/22:2(13Z,16Z))	867.89	10.79
PC(20:3(8Z,11Z,14Z)/0:0)	546.32	4.81
PC(20:4(5Z,8Z,11Z,14Z)/0:0)	542.43	2.10
PC(20:5(5Z,8Z,11Z,14Z,17Z)/0:0)	542.07	3.98
PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:5(7Z,10Z,13Z,16Z,19Z))	854.48	54.78
PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	851.25	12.83
PC(21:0/22:2(13Z,16Z))	882.92	24.71
PC(21:0/22:4(7Z,10Z,13Z,16Z))	879.02	6.42
PC(21:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	875.46	8.08
PC(22:0/22:4(7Z,10Z,13Z,16Z))	893.66	1.22
PC(22:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	889.27	3.87
PC(22:1(11Z)/22:2(13Z,16Z))	895.13	12.15
PC(22:1(11Z)/22:4(7Z,10Z,13Z,16Z))	891.87	4.36
PC(22:1(13E)/22:1(13E))	897.23	27.51
PC(22:2(13Z,16Z)/0:0)	575.11	1.57
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/0:0)	567.13	4.09
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	877.70	16.78
PC(23:0/18:0)	860.43	58.82
PC(25:0/18:0)	888.28	4.77
PC(6:0/6:0)	453.50	1.29
PC(6:2(3E,5E)/14:2(11E,13E))	558.08	4.51
PC(O-12:0/O-1:0)	438.42	2.38
PC(O-14:0/2:0)	495.08	0.85
PC(O-16:0/2:0)	523.07	64.56
PC(O-16:0/20:5(5Z,8Z,11Z,14Z,17Z))	766.54	2.71
PC(O-16:1(11Z)/2:0)	521.07	13.60
PC(O-18:0/22:5(4Z,7Z,10Z,13Z,16Z))	822.60	11.59
PC(O-18:2(9Z,12Z)/2:0)	546.78	3.10
	403.01	4.11
	404.61	4.19
	405.56	15.61
	406.97	23.34
	412.93	6.48
	419.42	0.58
	420.57	12.53
	423.38	11.39
	427.45	39.36

428.32	3.80
429.65	1.11
432.69	1.43
434.95	2.09
440.81	17.87
454.76	11.17
454.96	0.24
459.91	1.37
463.13	0.95
472.13	3.77
472.28	4.61
473.14	1.87
475.18	7.02
477.30	1.22
483.12	2.89
483.12	9.11
483.94	3.13
487.09	4.99
497.28	3.47
497.90	6.04
499.23	0.77
510.58	1.01
512.86	2.12
527.49	9.01
532.82	1.98
540.22	0.86
554.51	2.43
560.70	45.98
573.84	3.86
581.74	1.09
583.75	11.15
583.96	2.31
584.91	3.13
597.18	1.68
599.13	2.66
600.67	1.79
601.52	1.75
604.46	0.60
605.98	11.32
610.42	3.23
612.05	5.70
612.71	17.52
615.73	1.76
616.30	12.59
622.71	9.52
623.16	14.37
626.03	1.36
626.30	1.57
630.63	1.38
638.49	11.11
640.76	10.93
642.46	1.78
652.39	15.55
652.73	37.08
656.70	3.04

	658.36	5.08
	659.98	11.18
	667.02	35.07
	667.47	10.21
	667.94	1.97
	670.16	6.82
	672.10	0.96
	679.03	5.32
	679.53	2.88
	682.27	4.41
	683.96	1.51
	685.55	14.48
	695.73	5.28
30 min exposure to 11 M NaOH		
PC(10:0/10:0)	565.27	7.12
PC(13:0/13:0)	650.00	12.49
PC(10:0/18:2(9Z,12Z))	674.10	12.58
PC(10:0/19:0)	691.60	1.21
PC(10:0/20:0)	705.78	59.32
PC(10:0/22:0)	733.22	58.80
PC(10:0/25:0)	774.85	3.91
PC(10:0/4:0)	480.91	4.19
PC(11:0/11:0)	593.26	3.98
PC(12:0/12:0)	621.06	7.38
PC(12:0/13:0)	635.13	11.28
PC(12:0/14:1(9Z))	646.98	7.13
PC(12:0/15:1(9Z))	661.15	10.29
PC(12:0/17:2(9Z,12Z))	688.29	6.25
PC(12:0/18:1(9Z))	703.31	8.62
PC(12:0/18:2(9Z,12Z))	702.01	15.66
PC(12:0/18:3(6Z,9Z,12Z))	699.80	8.44
PC(12:0/18:4(6Z,9Z,12Z,15Z))	696.90	14.12
PC(12:0/20:5(5Z,8Z,11Z,14Z,17Z))	723.20	37.65
PC(12:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	749.20	17.39
PC(12:0/26:0)	816.88	34.56
PC(13:0/13:0)	650.91	15.87
PC(13:0/18:2(9Z,12Z))	715.27	13.25
PC(13:0/20:3(8Z,11Z,14Z))	741.54	11.85
PC(13:0/20:5(5Z,8Z,11Z,14Z,17Z))	737.66	28.14
PC(14:0/18:1(11Z))	730.85	7.91
PC(14:0/18:2(11Z,14Z))	730.41	13.16
PC(14:0/18:4(6Z,9Z,12Z,15Z))	725.96	4.85
PC(14:0/2:0)	510.03	0.87
PC(14:0/20:4(5Z,8Z,11Z,14Z))	753.60	4.52
PC(14:0/20:5(5Z,8Z,11Z,14Z,17Z))	751.50	38.01
PC(14:0/24:1(15Z))	815.13	47.25
PC(14:1(9Z)/0:0)	465.51	2.70
PC(15:0/18:1(11Z))	745.68	27.19
PC(15:0/18:2(9Z,12Z))	743.62	0.73
PC(15:0/20:3(8Z,11Z,14Z))	770.34	8.80
PC(15:0/20:5(5Z,8Z,11Z,14Z,17Z))	765.36	5.18
PC(15:0/22:1(11Z))	801.52	12.34
PC(15:0/22:2(13Z,16Z))	799.40	4.84
PC(15:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	791.17	14.95
PC(15:1(9Z)/22:2(13Z,16Z))	797.63	6.31

PC(16:0/15:1(14))	717.89	19.51
PC(16:0/18:1(9Z))	759.29	10.68
PC(16:0/18:2(10E,12Z))	757.17	19.21
PC(16:0/18:3(6Z,9Z,12Z))	755.55	9.30
PC(16:0/2:0)	537.65	7.64
PC(16:0/20:4(5Z,8Z,11Z,14Z))	781.27	7.81
PC(16:0/20:5(5Z,8Z,11Z,14Z,17Z))	779.55	1.42
PC(16:0/22:5(4Z,7Z,10Z,13Z,16Z))	808.56	8.62
PC(16:0/23:5(8E,11E,14E,17E,20E))	822.00	53.64
PC(16:0/24:1(15Z))	843.41	34.68
PC(16:0/26:0)	874.53	1.09
PC(16:0/26:2(5Z,9Z))	870.44	0.30
PC(16:0/3:0)	551.62	0.98
PC(16:0/3:1(2E))	548.70	5.43
PC(16:0/5:0)	579.07	1.62
PC(16:1(9E)/0:0)	493.23	2.20
PC(16:1(9Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	803.99	7.56
PC(17:0/10:0)	663.52	54.16
PC(17:0/18:1(9Z))	772.67	23.44
PC(17:0/20:4(5Z,8Z,11Z,14Z))	795.56	10.53
PC(17:0/22:2(13Z,16Z))	827.95	0.54
PC(17:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	819.00	12.59
PC(17:1(9Z)/22:2(13Z,16Z))	826.15	3.48
PC(17:2(9Z,12Z)/0:0)	506.11	40.94
PC(18:0/11:1(10E))	689.49	3.09
PC(18:0/18:0)	789.15	14.42
PC(18:0/18:1(11Z))	787.42	7.13
PC(18:0/18:2(10Z,12Z))	785.97	4.66
PC(18:0/20:3(5Z,11Z,14Z))	811.68	22.39
PC(18:0/22:3(10Z,13Z,16Z))	840.38	3.59
PC(18:0/22:5(4Z,7Z,10Z,13Z,16Z))	835.43	2.95
PC(18:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	833.57	10.95
PC(18:0/24:1(15Z))	871.63	11.25
PC(18:1(9E)/2:0)	563.77	0.43
PC(18:1(9Z)/4:0)	590.85	3.46
PC(18:2(2E,4E)/0:0)	518.71	0.53
PC(18:2(9Z,12E)/17:2(9Z,11E))	767.56	12.73
PC(18:3(9Z,12Z,15Z)/0:0)	517.05	1.30
PC(18:4(9E,11E,13E,15E)/0:0)	515.21	4.11
PC(19:0/22:1(11Z))	857.96	1.99
PC(19:0/22:2(13Z,16Z))	856.25	8.17
PC(19:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	847.93	29.38
PC(19:1(9Z)/22:4(7Z,10Z,13Z,16Z))	849.97	2.22
PC(20:0/20:2(11Z,14Z))	841.92	4.39
PC(20:0/22:4(7Z,10Z,13Z,16Z))	864.83	2.86
PC(20:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	860.95	14.98
PC(20:0/24:1(15Z))	899.19	5.13
PC(20:1(11Z)/22:2(13Z,16Z))	867.98	2.89
PC(20:3(8Z,11Z,14Z)/0:0)	545.26	1.35
PC(20:5(5Z,8Z,11Z,14Z,17Z)/0:0)	541.98	4.63
PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	851.57	22.55
PC(21:0/22:1(11Z))	885.28	10.89
PC(21:0/22:2(13Z,16Z))	883.00	5.45
PC(21:0/22:4(7Z,10Z,13Z,16Z))	879.15	0.47
PC(21:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	875.47	0.88

PC(22:0/22:4(7Z,10Z,13Z,16Z))	894.26	0.73
PC(22:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	890.16	4.25
PC(22:1(11Z)/22:2(13Z,16Z))	895.86	9.16
PC(22:1(11Z)/22:4(7Z,10Z,13Z,16Z))	891.68	6.24
PC(22:1(13E)/22:1(13E))	898.03	8.17
PC(22:2(13Z,16Z)/0:0)	575.59	3.87
PC(22:4(7Z,10Z,13Z,16Z)/0:0)	571.62	1.18
PC(22:4(7Z,10Z,13Z,16Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	880.89	2.41
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	878.03	9.39
PC(23:0/18:0)	859.49	31.15
PC(24:0/0:0)	607.97	4.72
PC(6:0/6:0)	453.15	3.21
PC(6:2(2E,4E)/6:2(2E,4E))	445.50	3.70
PC(6:2(3E,5E)/14:2(11E,13E))	557.76	1.99
PC(8:2(2E,4E)/8:2(2E,4E))	500.97	1.82
PC(O-10:1(9E)/2:0)	437.51	4.93
PC(O-11:1(10E)/2:0)	451.75	5.07
PC(O-12:0/2:0)	467.38	2.03
PC(O-14:0/2:0)	495.75	7.77
PC(O-14:0/O-1:0)	468.33	2.70
PC(O-16:0/2:0)	522.39	1.40
PC(O-16:1(11Z)/2:0)	521.82	2.27
PC(O-18:2(9Z,12Z)/2:0)	548.30	5.51
PC(O-8:0/2:0)	410.53	4.02
	401.82	0.37
	403.87	16.18
	404.66	3.86
	405.08	1.14
	409.88	1.62
	412.91	2.44
	414.78	6.94
	416.01	0.59
	418.17	0.99
	418.92	1.27
	419.13	3.57
	421.30	18.62
	421.59	3.43
	423.45	3.98
	427.53	1.26
	428.96	3.94
	429.24	0.80
	431.00	1.43
	431.05	43.26
	432.80	1.04
	433.44	0.73
	434.17	1.48
	434.85	2.31
	440.36	2.76
	441.87	1.69
	443.12	10.67
	447.73	0.99
	450.25	2.61
	454.43	2.70
	455.66	2.97
	459.27	13.92

459.69	0.42
461.30	2.63
462.67	0.65
463.42	2.58
468.59	3.58
470.20	7.15
473.75	3.80
476.57	7.45
477.46	0.76
483.28	8.92
483.96	3.87
485.37	56.94
486.72	1.02
489.91	2.46
489.96	3.10
491.61	0.31
497.82	6.01
503.14	2.59
503.15	0.86
503.58	2.25
510.64	7.85
513.79	0.29
525.52	1.92
526.36	1.14
527.61	4.49
532.34	1.39
532.81	1.57
533.42	4.21
539.45	5.75
554.50	1.57
558.63	1.97
560.74	3.97
569.20	0.77
581.38	2.25
582.25	1.09
582.70	1.90
584.17	3.75
585.29	16.13
588.27	1.65
588.43	1.64
597.67	1.81
598.14	3.27
599.06	0.62
600.33	1.72
605.20	4.83
605.27	2.66
606.33	0.97
610.81	3.36
611.12	1.81
614.42	25.35
615.32	0.80
618.34	9.63
623.79	3.04
625.16	0.64
627.08	1.94

	627.25	1.50
	627.52	1.71
	628.12	24.06
	632.03	0.88
	632.66	1.43
	633.71	1.51
	634.16	6.68
	639.84	1.43
	641.69	2.15
	652.23	6.25
	653.32	4.82
	654.53	74.22
	658.73	0.65
	660.02	4.27
	666.45	1.35
	668.31	8.51
	669.54	10.12
	669.86	22.89
	671.06	6.19
	679.18	2.29
	679.35	2.83
	680.34	1.62
	680.45	1.94
	681.54	7.07
	682.27	1.69
	682.99	3.33
	685.26	4.29
	685.50	3.60
	692.76	13.10
	693.74	27.10
	694.10	2.43
	707.83	13.97
	721.27	36.72
	735.87	5.31
60 min exposure to 11 M NaOH		
PC(10:0/10:0)	565.66	0.45
PC(13:0/13:0)	650.00	7.55
PC(10:0/18:0)	676.67	5.51
PC(10:0/18:2(9Z,12Z))	673.84	0.62
PC(10:0/19:0)	692.47	6.90
PC(10:0/20:0)	706.05	0.35
PC(10:0/21:0)	719.14	0.11
PC(10:0/22:0)	732.50	4.79
PC(10:0/23:0)	746.95	3.97
PC(10:0/24:0)	762.05	2.38
PC(10:0/25:0)	774.36	2.51
PC(10:0/4:0)	480.68	0.17
PC(12:0/14:1(9Z))	647.85	1.87
PC(12:0/17:2(9Z,12Z))	688.26	4.61
PC(12:0/18:1(9Z))	703.09	4.32
PC(12:0/18:2(9Z,12Z))	700.57	6.51
PC(12:0/18:3(6Z,9Z,12Z))	698.67	3.90
PC(12:0/18:4(6Z,9Z,12Z,15Z))	696.07	2.75
PC(12:0/20:5(5Z,8Z,11Z,14Z,17Z))	724.06	13.11
PC(12:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	750.40	8.48

PC(12:0/26:0)	817.29	9.31
PC(13:0/18:3(6Z,9Z,12Z))	713.17	5.50
PC(13:0/18:4(6Z,9Z,12Z,15Z))	711.44	0.47
PC(13:0/20:4(5Z,8Z,11Z,14Z))	739.55	4.01
PC(13:0/20:5(5Z,8Z,11Z,14Z,17Z))	736.68	1.45
PC(13:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	762.81	46.58
PC(14:0/18:2(11Z,14Z))	729.81	2.41
PC(14:0/18:3(9Z,12Z,15Z))	726.50	2.10
PC(14:0/18:4(6Z,9Z,12Z,15Z))	724.65	21.23
PC(14:0/18:4(6Z,9Z,12Z,15Z))	725.26	2.01
PC(14:0/2:0)	507.56	0.00
PC(14:0/20:4(5Z,8Z,11Z,14Z))	753.49	1.55
PC(14:0/20:5(5Z,8Z,11Z,14Z,17Z))	751.34	2.24
PC(14:1(9Z)/0:0)	464.10	1.71
PC(15:0/18:1(11Z))	745.40	11.79
PC(15:0/20:5(5Z,8Z,11Z,14Z,17Z))	766.03	94.71
PC(15:0/22:1(11Z))	801.67	5.42
PC(15:1(9Z)/22:2(13Z,16Z))	797.19	6.22
PC(15:1(9Z)/22:4(7Z,10Z,13Z,16Z))	794.00	6.96
PC(16:0/15:1(14))	717.47	0.23
PC(16:0/18:1(9Z))	759.52	18.36
PC(16:0/18:2(10E,12Z))	757.21	5.15
PC(16:0/2:0)	537.31	0.19
PC(16:0/20:3(5Z,8Z,11Z))	782.84	0.17
PC(16:0/20:4(5Z,8Z,11Z,14Z))	780.56	4.20
PC(16:0/20:5(5Z,8Z,11Z,14Z,17Z))	779.93	3.71
PC(16:0/22:4(7Z,10Z,13Z,16Z))	809.07	12.12
PC(16:0/22:6(4E,7E,10E,13E,16E,19E))	804.80	2.74
PC(16:0/23:5(8E,11E,14E,17E,20E))	820.61	20.55
PC(16:0/26:0)	872.95	0.97
PC(16:0/26:2(5Z,9Z))	869.90	0.62
PC(16:0/3:0)	551.64	2.58
PC(16:0/3:1(2E))	548.92	6.57
PC(16:0/5:0)	579.62	0.44
PC(16:0/9:0(COOH))	665.70	4.54
PC(16:1(9Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	803.51	2.20
PC(17:0/10:0)	662.46	3.05
PC(17:0/20:4(5Z,8Z,11Z,14Z))	795.01	0.95
PC(17:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	819.28	3.35
PC(17:1(10Z)/0:0)	507.04	0.49
PC(17:2(9Z,12Z)/0:0)	505.00	0.16
PC(18:0/11:1(10E))	689.37	0.16
PC(18:0/18:0)	788.90	35.05
PC(18:0/18:1(11Z))	787.52	11.17
PC(18:0/18:2(10Z,12Z))	785.92	1.40
PC(18:0/20:2(11Z,14Z))	811.87	9.27
PC(18:0/20:3(5Z,11Z,14Z))	810.88	4.40
PC(18:0/22:3(10Z,13Z,16Z))	839.53	3.14
PC(18:0/22:4(7Z,10Z,13Z,16Z))	837.02	9.51
PC(18:0/22:5(4Z,7Z,10Z,13Z,16Z))	835.49	16.83
PC(18:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	834.32	5.79
PC(18:1(9E)/2:0)	564.22	0.30
PC(18:2(2E,4E)/0:0)	519.36	0.65
PC(18:2(9Z,12Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	829.88	7.31
PC(19:0/22:1(11Z))	857.28	2.76

PC(19:1(9Z)/22:4(7Z,10Z,13Z,16Z))	848.49	4.84
PC(19:3(10Z,13Z,16Z)/0:0)	531.04	0.52
PC(20:0/20:2(11Z,14Z))	841.70	2.10
PC(20:0/22:4(7Z,10Z,13Z,16Z))	864.65	0.53
PC(20:0/22:5(7Z,10Z,13Z,16Z,19Z))	862.66	0.50
PC(20:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	861.10	0.02
PC(20:0/24:1(15Z))	899.16	0.40
PC(20:3(8Z,11Z,14Z)/0:0)	544.88	0.08
PC(20:4(5Z,8Z,11Z,14Z)/0:0)	543.61	0.16
PC(20:5(5Z,8Z,11Z,14Z,17Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	851.07	4.91
PC(21:0/22:1(11Z))	884.90	0.91
PC(21:0/22:2(13Z,16Z))	884.45	0.40
PC(21:0/22:4(7Z,10Z,13Z,16Z))	879.45	1.47
PC(22:0/22:4(7Z,10Z,13Z,16Z))	893.70	2.36
PC(22:0/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	888.20	0.03
PC(22:1(11Z)/22:2(13Z,16Z))	894.81	1.75
PC(22:1(13E)/22:1(13E))	898.19	4.02
PC(22:4(7Z,10Z,13Z,16Z)/0:0)	571.57	0.28
PC(22:4(7Z,10Z,13Z,16Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	881.64	5.13
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/0:0)	565.59	0.24
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/0:0)	567.59	1.08
PC(22:6(4Z,7Z,10Z,13Z,16Z,19Z)/22:6(4Z,7Z,10Z,13Z,16Z,19Z))	876.83	7.41
PC(23:0/18:0)	859.15	10.30
PC(24:0/0:0)	607.73	0.32
PC(25:0/18:0)	888.15	0.32
PC(5:0/5:0)	425.51	0.21
PC(6:0/6:0)	454.14	0.78
PC(6:2(2E,4E)/6:2(2E,4E))	445.03	0.88
PC(6:2(3E,5E)/14:2(11E,13E))	556.72	0.20
PC(8:2(2E,4E)/8:2(2E,4E))	501.00	0.02
PC(O-10:1(9E)/2:0)	436.80	0.55
PC(O-11:1(10E)/2:0)	450.35	2.72
PC(O-14:0/2:0)	495.33	1.03
PC(O-16:0/2:0)	522.48	0.03
PC(O-18:2(9Z,12Z)/2:0)	547.42	0.06
	400.14	0.00
	400.63	0.53
	402.85	0.00
	405.13	1.34
	405.31	0.40
	408.21	0.04
	413.89	0.29
	415.99	0.00
	416.12	0.16
	416.68	0.35
	419.04	0.01
	419.27	0.84
	421.08	0.34
	429.62	0.13
	430.07	0.18
	432.56	0.01
	434.76	0.25
	448.68	0.01
	449.25	0.07
	449.29	0.01

456.89	0.39
458.50	0.27
459.15	0.82
461.86	0.30
462.80	0.34
469.19	0.03
470.04	0.06
470.89	0.37
475.30	0.11
477.22	1.84
483.59	0.84
483.83	0.61
486.20	4.85
489.66	0.51
491.99	0.89
496.55	1.63
498.01	0.54
502.62	0.58
512.47	0.37
513.47	0.06
524.67	0.35
525.47	0.00
525.53	0.74
526.31	1.81
529.75	0.49
532.64	0.43
538.68	1.02
554.17	0.34
558.82	0.03
560.69	0.08
561.13	0.02
561.23	0.34
562.24	1.78
573.83	0.27
580.97	0.66
582.83	0.00
583.56	0.01
586.17	0.06
588.14	0.16
588.40	0.34
589.63	0.71
595.39	0.01
596.37	1.06
597.05	1.56
601.25	1.47
611.05	0.90
616.26	0.77
618.33	1.78
625.40	5.88
628.61	1.11
629.44	0.94
632.02	0.55
633.20	0.13
637.26	0.36
637.36	4.35

641.61	0.34
642.80	0.34
643.04	0.39
644.25	2.32
652.06	0.41
653.16	1.41
653.59	11.42
656.24	14.73
657.94	12.90
658.10	1.38
666.87	1.41
668.71	1.56
680.95	0.09
681.91	3.71
683.46	0.03
683.76	1.66
685.64	1.89
692.55	0.02
720.63	0.37
722.36	0.57
735.20	8.80

The identifiable phosphatidylcholine (PC) species present in the human control and experimental groups have been listed.The average m/z and lipid amount in pmol/µg are listed corresponding to the PC species have been provided. Also listed are the species that are not identified in the database, arranged by m/z. *The lipid species identification is based on Lipidmaps database, used as a *.csv file for bioinformatic analyses with MZmine 2.2 program. ** A representative mass/charge ratio is presented (variations in m/z was reconciled by MZmine 2.2).

Supplemental Table S3: Phosphatidylcholines identified by AMDMS-SL in control and NaOH exposed cornea

Sample	Control	30 sec	12 min	30 min	60 min	8 hr	Species
	118.96	217.02	1385.20	326.23	826.50	16.05	
760.59	17.37	1.30	0.00	28.20	13.70	0.30	D12:0-22:1/D12:1-22:0/D14:0-20:1/D14:1-20:0/D16:0-18:1/D16:1-18:0
760.53	16.76	1.30	6.07	28.75	7.41	0.28	A12:1-24:7/A14:1-22:7/A14:2-22:6/A14:3-22:5/A16:2-20:6/A16:3-20:5/A16:4-20:4/A16:5-20:3/A18:3-18:5/A18:4-18:4/P12:0-24:7/P12:1-24:6/P14:0-22:7/P14:1-22:6/P14:2-22:5/P14:3-22:4/P16:1-20:6/P16:2-20:5/P16:3-20:4/P16:4-20:3/P16:5-20:2/P18:2-18:5/P18:3-18:4
734.57	5.64	1.08	2.10	3.45	0.00	0.08	D12:0-20:0/D14:0-18:0/D16:0-16:0
786.60	5.36	1.43	10.63	8.47	0.00	0.38	D12:0-24:2/D12:1-24:1/D14:0-22:2/D14:1-22:1/D14:2-22:0/D16:0-20:2/D16:1-20:1/D16:2-20:0/D18:0-18:2/D18:1-18:1
734.51	5.22	0.75	2.05	3.39	0.00	0.08	A12:0-22:7/A12:1-22:6/A14:1-20:6/A14:2-20:5/A14:3-20:4/A16:2-18:5/A16:3-18:4/A16:4-18:3/A16:5-18:2/P12:0-22:6/P12:1-22:5/P14:0-20:6/P14:1-20:5/P14:2-20:4/P14:3-20:3/P16:1-18:5/P16:2-18:4/P16:3-18:3/P16:4-18:2/P16:5-18:1
786.54	4.73	1.46	53.01	8.60	15.84	0.14	A14:2-24:7/A14:3-24:6/A16:2-22:7/A16:3-22:6/A16:4-22:5/A16:5-22:4/A18:3-20:6/A18:4-20:5/A18:5-20:4/P12:1-26:7/P14:1-24:7/P14:2-24:6/P14:3-24:5/P16:1-22:7/P16:2-22:6/P16:3-22:5/P16:4-22:4/P16:5-22:3/P18:2-20:6/P18:3-20:5/P18:4-20:4/P18:5-20:3
788.56	4.67	4.59	2.07	1.61	16.77	0.24	A12:1-26:7/A14:1-24:7/A14:2-24:6/A14:3-24:5/A16:1-22:7/A16:2-22:6/A16:3-22:5/A16:4-22:4/A16:5-22:3/A18:2-20:6/A18:3-20:5/A18:4-20:4/A18:5-20:3/P12:0-26:7/P12:1-26:6/P14:0-24:7/P14:1-24:6/P14:2-24:5/P14:3-24:4/P16:0-22:7/& Others
788.62	4.65	4.51	2.04	1.66	16.58	0.26	D12:0-24:1/D12:1-24:0/D14:0-22:1/D14:1-22:0/D16:0-20:1/D16:1-20:0/D18:0-18:1
810.60	4.43	0.81	13.96	6.56	11.42	0.00	D12:0-26:4/D12:1-26:3/D14:0-24:4/D14:1-24:3/D14:2-24:2/D14:3-24:1/D16:0-22:4/D16:1-22:3/D16:2-22:2/D16:3-22:1/D16:4-22:0/D18:0-20:4/D18:1-20:3/D18:2-20:2/D18:3-20:1/D18:4-20:0
810.54	4.39	0.82	3.55	6.70	11.67	0.00	A16:4-24:7/A16:5-24:6/A18:4-22:7/A18:5-22:6/A20:5-20:6/P14:3-26:7/P16:3-24:7/P16:4-24:6/P16:5-24:5/P18:3-22:7/P18:4-22:6/P18:5-22:5/P20:4-20:6/P20:5-20:5
758.51	4.31	0.01	38.80	3.58	14.35	0.17	A14:2-22:7/A14:3-22:6/A16:3-20:6/A16:4-20:5/A16:5-20:4/A18:4-18:5/P12:1-24:7/P14:1-22:7/P14:2-22:6/P14:3-22:5/P16:2-20:6/P16:3-20:5/P16:4-20:4/P16:5-20:3/P18:3-18:5/P18:4-18:4
758.57	4.23	0.08	38.07	3.58	10.46	0.17	D12:0-22:2/D12:1-22:1/D14:0-20:2/D14:1-20:1/D14:2-20:0/D16:0-18:2/D16:1-18:1/D16:2-18:0
732.55	3.22	1.42	0.00	6.42	2.39	0.00	D12:0-20:1/D12:1-20:0/D14:0-18:1/D14:1-18:0/D16:0-16:1
732.50	3.13	2.25	2.00	6.20	1.09	0.00	A12:1-22:7/A14:2-20:6/A14:3-20:5/A16:3-18:5/A16:4-18:4/A16:5-18:3/P12:0-22:7/P12:1-22:6/P14:1-20:6/P14:2-20:5/P14:3-20:4/P16:2-18:5/P16:3-18:4/P16:4-18:3/P16:5-18:2
782.57	2.84	0.64	0.00	16.07	13.05	0.07	D12:0-24:4/D12:1-24:3/D14:0-22:4/D14:1-22:3/D14:2-22:2/D14:3-22:1/D16:0-20:4/D16:1-20:3/D16:2-20:2/D16:3-20:1/D16:4-20:0/D18:0-18:4/D18:1-18:3/D18:2-18:2
782.51	2.77	0.20	0.00	16.41	13.33	0.07	A16:4-22:7/A16:5-22:6/A18:5-20:6/P14:3-24:7/P16:3-22:7/P16:4-22:6/P16:5-22:5/P18:4-20:6/P18:5-20:5
784.59	1.88	0.00	9.64	0.00	0.70	0.00	D12:0-24:3/D12:1-24:2/D14:0-22:3/D14:1-22:2/D14:2-22:1/D14:3-22:0/D16:0-20:3/D16:1-20:2/D16:2-20:1/D16:3-20:0/D18:0-18:3/D18:1-18:2
784.53	1.65	0.00	15.11	0.00	0.00	0.00	A14:3-24:7/A16:3-22:7/A16:4-22:6/A16:5-22:5/A18:4-20:6/A18:5-20:5/P14:2-24:7/P14:3-24:6/P16:2-22:7/P16:3-22:6/P16:4-22:5/P16:5-22:4/P18:3-20:6/P18:4-20:5/P18:5-20:4
636.45	1.62	1.60	1.60	1.60	1.60	1.63	D12:0-13:0
IS	1.60	1.60	1.60	1.60	1.60	1.60	[PC+H]+
746.48	1.00	0.47	1.07	0.04	0.14	0.00	D12:1-22:7/D14:2-20:6/D14:3-20:5/D16:3-18:5/D16:4-18:4/D16:5-18:3
746.61	0.99	0.47	0.88	0.04	0.02	0.00	A12:0-22:1/A12:1-22:0/A14:0-20:1/A14:1-20:0/A16:0-18:1/A16:1-18:0/P12:0-22:0/P14:0-20:0/P16:0-18:0
720.46	0.83	0.56	0.00	0.11	0.07	0.23	D12:1-20:6/D14:2-18:5/D14:3-18:4/D16:2-16:5/D16:3-16:4
720.59	0.80	0.62	0.00	0.11	5.20	0.23	A12:0-20:0/A14:0-18:0/A16:0-16:0
706.54	0.79	3.24	1.16	5.96	0.00	0.06	D12:0-18:0/D14:0-16:0
706.48	0.76	3.17	1.17	5.98	0.00	0.04	A12:1-20:6/A14:2-18:5/A14:3-18:4/A16:2-16:5/A16:3-16:4/P12:0-20:6/P12:1-20:5/P14:1-18:5/P14:2-18:4/P14:3-18:3/P16:1-16:5/P16:2-16:4/P16:3-16:3
816.65	0.76	4.55	0.00	0.00	5.31	0.14	D12:0-26:1/D12:1-26:0/D14:0-24:1/D14:1-24:0/D16:0-22:1/D16:1-22:0/D18:0-20:1/D18:1-20:0
816.59	0.72	4.63	0.00	0.00	5.39	0.13	A14:1-26:7/A14:2-26:6/A14:3-26:5/A16:1-24:7/A16:2-24:6/A16:3-24:5/A16:4-24:4/A16:5-24:3/A18:1-22:7/A18:2-22:6/& Others
812.62	0.68	1.40	20.41	1.12	2.00	0.00	D12:0-26:3/D12:1-26:2/D14:0-24:3/D14:1-24:2/D14:2-24:1/D14:3-24:0/D16:0-22:3/D16:1-22:2/D16:2-22:1/D16:3-22:0/D18:0-20:3/D18:1-20:2/D18:2-20:1/D18:3-20:0
812.56	0.66	1.40	20.78	1.10	1.90	0.00	A14:3-26:7/A16:3-24:7/A16:4-24:6/A16:5-24:5/A18:3-22:7/A18:4-22:6/A18:5-22:5/A20:4-20:6/A20:5-20:5/P14:2-26:7/P14:3-26:6/P16:2-24:7/P16:3-24:6/P16:4-24:5/P16:5-24:4/P18:2-22:7/P18:3-22:6/P18:4-22:5/P18:5-22:4/P20:3-20:6/P20:4-20:5
808.59	0.58	0.01	0.00	0.34	0.19	0.00	D12:0-26:5/D12:1-26:4/D14:0-24:5/D14:1-24:4/D14:2-24:3/D14:3-24:2/D16:0-22:5/D16:1-22:4/D16:2-22:3/D16:3-22:2/D16:4-22:1/D16:5-22:0/D18:0-20:5/D18:1-20:4/D18:2-20:3/D18:3-20:2/D18:4-20:1/D18:5-20:0
808.53	0.57	0.00	0.65	0.34	0.19	0.00	A16:5-24:7/A18:5-22:7/A20:6-20:6/P16:4-24:7/P16:5-24:6/P18:4-22:7/P18:5-22:6/P20:5-20:6
718.58	0.56	0.37	1.58	1.77	1.95	0.00	A12:0-20:1/A12:1-20:0/A14:0-18:1/A14:1-18:0/A16:0-16:1/P12:0-20:0/P14:0-18:0/P16:0-16:0
718.44	0.51	0.53	1.79	1.77	1.35	0.03	D14:3-18:5/D16:3-16:5/D16:4-16:4
774.64	0.50	0.03	1.33	0.00	0.22	0.00	A12:0-24:1/A12:1-24:0/A14:0-22:1/A14:1-22:0/A16:0-20:1/A16:1-20:0/A18:0-18:1/P12:0-24:0/P14:0-22:0/P16:0-20:0/P18:0-18:0
774.51	0.47	0.01	1.30	0.00	0.23	0.00	D12:1-24:7/D14:1-22:7/D14:2-22:6/D14:3-22:5/D16:2-20:6/D16:3-20:5/D16:4-20:4/D16:5-20:3/D18:3-18:5/D18:4-18:4
766.58	0.44	0.02	2.41	0.39	0.38	0.04	A12:0-24:5/A12:1-24:4/A14:0-22:5/A14:1-22:4/A14:2-22:3/A14:3-22:2/A16:0-20:5/A16:1-20:4/A16:2-20:3/A16:3-20:2/A16:4-20:1/A16:5-20:0/A18:0-18:5/A18:1-18:4/A18:2-18:3/P12:0-24:4/P12:1-24:3/P14:0-22:4/P14:1-22:3/& Others
762.54	0.40	0.64	0.00	31.58	0.00	0.03	A12:0-24:7/A12:1-24:6/A14:0-22:7/A14:1-22:6/A14:2-22:5/A14:3-22:4/A16:1-20:6/A16:2-20:5/A16:3-20:4/A16:4-20:3/A16:5-20:2/A18:2-18:5/A18:3-18:4/P12:0-24:6/P12:1-24:5/P14:0-22:6/P14:1-22:5/P14:2-22:4/P14:3-22:3/P16:0-20:6/P16:1-20:5/P16:2-20:4/& Others
794.61	0.33	0.04	2.53	0.02	0.84	0.00	A12:0-26:5/A12:1-26:4/A14:0-24:5/A14:1-24:4/A14:2-24:3/A14:3-24:2/A16:0-22:5/A16:1-22:4/A16:2-22:3/A16:3-22:2/A16:4-22:1/A16:5-22:0/A18:0-20:5/A18:1-20:4/A18:2-20:3/A18:3-20:2/A18:4-20:1/A18:5-20:0/P12:0-26:4/P12:1-26:3/P14:0-24:4/P14:1-24:3/& Others
454.33	0.32	0.87	1.07	2.19	9.01	0.92	A14:0
454.29	0.32	0.86	1.07	2.16	8.91	0.91	D13:0
794.48	0.25	0.04	2.53	0.02	0.74	0.00	D16:5-22:7
806.51	0.22	0.01	0.81	0.00	0.05	0.00	P16:5-24:7/P18:5-22:7/P20:6-20:6
806.57	0.22	0.01	0.99	0.00	0.06	0.00	D12:0-26:6/D12:1-26:5/D14:0-24:6/D14:1-24:5/D14:2-24:4/D14:3-24:3/D16:0-22:6/D16:1-22:5/D16:2-22:4/D16:3-22:3/D16:4-22:2/D16:5-22:1/D18:0-20:6/D18:1-20:5/D18:2-20:4/D18:3-20:3/D18:4-20:2/D18:5-20:1
780.55	0.14	0.33	1.23	0.01	6.03	0.00	D12:0-24:5/D12:1-24:4/D14:0-22:5/D14:1-22:4/D14:2-22:3/D14:3-22:2/D16:0-20:5/D16:1-20:4/D16:2-20:3/D16:3-20:2/D16:4-20:1/D16:5-20:0/D18:0-18:5/D18:1-18:4/D18:2-18:3
772.62	0.14	0.00	0.14	0.03	0.00	0.00	A12:0-24:2/A12:1-24:1/A14:0-22:2/A14:1-22:1/A14:2-22:0/A16:0-20:2/A16:1-20:1/A16:2-20:0/A18:0-18:2/A18:1-18:1/P12:0-24:1/P12:1-24:0/P14:0-22:1/P14:1-22:0/P16:0-20:1/P16:1-20:0/P18:0-18:1
762.60	0.13	1.92	0.00	30.98	5.48	0.00	D12:0-22:0/D14:0-20:0/D16:0-18:0
748.62	0.13	0.01	38.68	0.58	0.05	0.00	A12:0-22:0/A14:0-20:0/A16:0-18:0
748.49	0.12	0.00	53.21	0.59	0.06	0.00	D12:0-22:7/D12:1-22:6/D14:1-20:6/D14:2-20:5/D14:3-20:4/D16:2-18:5/D16:3-18:4/D16:4-18:3/D16:5-18:2
730.54	0.10	0.00	0.00	0.00	0.00	0.00	D12:0-20:2/D12:1-20:1/D14:0-18:2/D14:1-18:1/D14:2-18:0/D16:0-16:2/D16:1-16:1
730.48	0.10	0.00	0.00	0.00	0.00	0.00	A14:3-20:6/A16:4-18:5/A16:5-18:4/P12:1-22:7/P14:2-20:6/P14:3-20:5/P16:3-18:5/P16:4-18:4/P16:5-18:3
736.53	0.09	0.00	1.62	0.00	0.00	0.00	A12:0-22:6/A12:1-22:5/A14:0-20:6/A14:1-20:5/A14:2-20:4/A14:3-20:3/A16:1-18:5/A16:2-18:4/A16:3-18:3/A16:4-18:2/A16:5-18:1/P12:0-22:5/P12:1-22:4/P14:0-20:5/P14:1-20:4/P14:2-20:3/P14:3-20:2/P16:0-18:5/P16:1-18:4/P16:2-18:3/P16:3-18:2/P16:4-18:1/P16:5-18:0
802.54	0.09	0.35	0.00	0.00	4.87	0.08	D12:1-26:7/D14:1-24:7/D14:2-24:6/D14:3-24:5/D16:1-22:7/D16:2-22:6/D16:3-22:5/D16:4-22:4/D16:5-22:3/D18:2-20:6/D18:3-20:5/D18:4-20:4/D18:5-20:3
524.31	0.09	0.71	2.49	3.82	8.76	0.28	P20:6
524.37	0.09	1.39	2.46	3.74	8.71	0.27	D18:0
750.51	0.09	0.00	1.30	0.04	0.03	0.00	D12:0-22:6/D12:1-22:5/D14:0-20:6/D14:1-20:5/D14:2-20:4/D14:3-20:3/D16:1-18:5/D16:2-18:4/D16:3-18:3/D16:4-18:2/D16:5-18:1
796.62	0.08	0.01	0.56	0.08	0.21	0.00	A12:0-26:4/A12:1-26:3/A14:0-24:4/A14:1-24:3/A14:2-24:2/A14:3-24:1/A16:0-22:4/A16:1-22:3/A16:2-22:2/A16:3-22:1/A16:4-22:0/A18:0-20:4/A18:1-20:3/A18:2-20:2/A18:3-20:1/A18:4-20:0/P12:0-26:3/P12:1-26:2/P14:0-24:3/P14:1-24:2/P14:2-24:1/P14:3-24:0/P16:0-22:3/&
768.59	0.08	0.00	2.93	0.03	0.08	0.03	A12:0-24:4/A12:1-24:3/A14:0-22:4/A14:1-22:3/A14:2-22:2/A14:3-22:1/A16:0-20:4/A16:1-20:3/A16:2-20:2/A16:3-20:1/A16:4-20:0/A18:0-18:4/A18:1-18:3/A18:2-18:2/P12:0-24:3/P12:1-24:2/P14:0-22:3/P14:1-22:2/P14:2-22:1/P14:3-22:0/P16:0-20:3/P16:1-20:2/P16:2-20:1/P1
744.46	0.08	0.01	1.22	0.03	0.00	0.00	D14:3-20:6/D16:4-18:5/D16:5-18:4
772.49	0.08	0.00	0.00	0.03	0.00	0.00	D14:2-22:7/D14:3-22:6/D16:3-20:6/D16:4-20:5/D16:5-20:4/D18:4-18:5
744.59	0.08	0.01	1.44	0.03	0.04	0.00	A12:0-22:2/A12:1-22:1/A14:0-20:2/A14:1-20:1/A14:2-20:0/A16:0-18:2/A16:1-18:1/A16:2-18:0/P12:0-22:1/P12:1-22:0/P14:0-20:1/P14:1-20:0/P16:0-18:1/P16:1-18:0
780.50	0.08	0.28	1.23	0.01	6.16	0.00	A16:5-22:7/P16:4-22:7/P16:5-22:6/P18:5-20:6
676.49	0.07	0.80	1.91	0.00	0.00	0.03	D12:0-16:1/D12:1-16:0/D14:0-14:1
802.67	0.06	0.40	0.00	0.00	0.39	0.00	A12:0-26:1/A12:1-26:0/A14:0-24:1/A14:1-24:0/A16:0-22:1/A16:1-22:0/A18:0-20:1/A18:1-20:0/P12:0-26:0/P14:0-24:0/P16:0-22:0/P18:0-20:0
796.49	0.06	0.01	0.56	0.08	0.21	0.00	D16:4-22:7/D16:5-22:6/D18:5-20:6
836.56	0.05	0.01	1.28	0.01	0.14	0.00	A16:5-26:7/A18:5-24:7/A20:5-22:7/A20:6-22:6/P16:4-26:7/P16:5-26:6/P18:4-24:7/P18:5-24:6/P20:4-22:7/P20:5-22:6/P20:6-22:5
676.43	0.05	0.93	1.98	0.00	0.00	0.05	A14:3-16:5/P14:2-16:5/P14:3-16:4
836.62	0.05	0.01	1.27	0.01	0.14	0.00	D14:0-26:5/D14:1-26:4/D14:2-26:3/D14:3-26:2/D16:0-24:5/D16:1-24:4/D16:2-24:3/D16:3-24:2/D16:4-24:1/D16:5-24:0/D18:0-22:5/D18:1-22:4/D18:2-22:3/D18:3-22:2/D18:4-22:1/D18:5-22:0/D20:0-20:5/D20:1-20:4/D20:2-20:3
496.34	0.05	0.34	1.02	18.11	33.98	0.33	D16:0
722.48	0.04	0.00	2.82	0.03	0.00	0.00	D12:0-20:6/D12:1-20:5/D14:1-18:5/D14:2-18:4/D14:3-18:3/D16:1-16:5/D16:2-16:4/D16:3-16:3
832.53	0.04	0.04	1.48	0.05	0.86	0.01	P20:6-22:7
832.59	0.04	0.03	1.45	0.05	0.83	0.00	D14:0-26:7/D14:1-26:6/D14:2-26:5/D14:3-26:4/D16:0-24:7/D16:1-24:6/D16:2-24:5/D16:3-24:4/D16:4-24:3/D16:5-24:2/D18:0-22:7/D18:1-22:6/D18:2-22:5/D18:3-22:4/D18:4-22:3/D18:5-22:2/D20:1-20:6/D20:2-20:5/D20:3-20:4
690.41	0.04	0.00	0.00	0.00	0.06	0.00	D14:3-16:5
742.58	0.04	0.01	1.53	0.04	0.00	0.00	A12:0-22:3/A12:1-22:2/A14:0-20:3/A14:1-20:2/A14:2-20:1/A14:3-20:0/A16:0-18:3/A16:1-18:2/A16:2-18:1/A16:3-18:0/P12:0-22:2/P12:1-22:1/P14:0-20:2/P14:1-20:1/P14:2-20:0/P16:0-18:2/P16:1-18:1/P16:2-18:0
832.72	0.04	0.01	1.45	0.05	0.83	0.00	A14:0-26:0/A16:0-24:0/A18:0-22:0/A20:0-20:0
800.52	0.03	0.00	0.39	0.02	0.00	0.10	D14:2-24:7/D14:3-24:6/D16:2-22:7/D16:3-22:6/D16:4-22:5/D16:5-22:4/D18:3-20:6/D18:4-20:5/D18:5-20:4
678.51	0.03	0.00	0.16	0.02	0.20	0.00	D12:0-16:0/D14:0-14:0
778.48	0.03	0.04	0.00	0.03	0.07	0.00	P16:5-22:7
770.61	0.03	0.00	0.49	0.04	0.19	0.00	A12:0-24:3/A12:1-24:2/A14:0-22:3/A14:1-22:2/A14:2-22:1/A14:3-22:0/A16:0-20:3/A16:1-20:2/A16:2-20:1/A16:3-20:0/A18:0-18:3/A18:1-18:2/P12:0-24:2/P12:1-24:1/P14:0-22:2/P14:1-22:1/P14:2-22:0/P16:0-20:2/P16:1-20:1/P16:2-20:0/P18:0-18:2/P18:1-18:1
770.48	0.03	0.00	0.49	0.03	0.17	0.00	D14:3-22:7/D16:4-20:6/D16:5-20:5/D18:5-18:5
778.54	0.03	0.04	0.00	0.03	0.07	0.00	D12:0-24:6/D12:1-24:5/D14:0-22:6/D14:1-22:5/D14:2-22:4/D14:3-22:3/D16:0-20:6/D16:1-20:5/D16:2-20:4/D16:3-20:3/D16:4-20:2/D16:5-20:1/D18:1-18:5/D18:2-18:4/D18:3-18:3
888.78	0.03	0.00	0.00	0.00	0.08	0.00	A18:0-26:0/A20:0-24:0/A22:0-22:0
756.50	0.02	0.01	0.23	0.06	0.14	0.00	A14:3-22:7/A16:4-20:6/A16:5-20:5/A18:5-18:5/P14:2-22:7/P14:3-22:6/P16:3-20:6/P16:4-20:5/P16:5-20:4/P18:4-18:5
756.55	0.02	0.01	0.53	0.00	0.14	0.00	D12:0-22:3/D12:1-22:2/D14:0-20:3/D14:1-20:2/D14:2-20:1/D14:3-20:0/D16:0-18:3/D16:1-18:2/D16:2-18:1/D16:3-18:0
792.59	0.02	0.00	3.66	0.04	0.15	0.00	A12:0-26:6/A12:1-26:5/A14:0-24:6/A14:1-24:5/A14:2-24:4/A14:3-24:3/A16:0-22:6/A16:1-22:5/A16:2-22:4/A16:3-22:3/A16:4-22:2/A16:5-22:1/A18:0-20:6/A18:1-20:5/A18:2-20:4/A18:3-20:3/A18:4-20:2/A18:5-20:1/P12:0-26:5/P12:1-26:4/P14:0-24:5/P14:1-24:4/P14:2-24:3/P1
598.39	0.02	0.01	2.47	0.03	0.06	0.00	D24:5
716.43	0.02	0.45	17.40	0.04	21.80	0.00	D16:4-16:5
716.56	0.02	0.45	1.49	0.04	22.86	0.00	A12:0-20:2/A12:1-20:1/A14:0-18:2/A14:1-18:1/A14:2-18:0/A16:0-16:2/A16:1-16:1/P12:0-20:1/P12:1-20:0/P14:0-18:1/P14:1-18:0/P16:0-16:1
838.58	0.02	0.00	1.34	0.00	0.03	0.00	A16:4-26:7/A16:5-26:6/A18:4-24:7/A18:5-24:6/A20:4-22:7/A20:5-22:6/A20:6-22:5/P16:3-26:7/P16:4-26:6/P16:5-26:5/P18:3-24:7/P18:4-24:6/P18:5-24:5/P20:3-22:7/P20:4-22:6/P20:5-22:5/P20:6-22:4
838.63	0.02	0.00	1.39	0.01	0.04	0.00	D14:0-26:4/D14:1-26:3/D14:2-26:2/D14:3-26:1/D16:0-24:4/D16:1-24:3/D16:2-24:2/D16:3-24:1/D16:4-24:0/D18:0-22:4/D18:1-22:3/D18:2-22:2/D18:3-22:1/D18:4-22:0/D20:0-20:4/D20:1-20:3/D20:2-20:2
678.45	0.02	0.00	0.88	0.02	0.21	0.00	A14:2-16:5/A14:3-16:4/P12:1-18:5/P14:1-16:5/P14:2-16:4/P14:3-16:3

896.65	0.02	0.00	0.00	0.02	0.05	0.00	A20:3-26:7/A20:4-26:6/A20:5-26:5/A20:6-26:4/A22:3-24:7/A22:4-24:6/A22:5-24:5/A22:6-24:4/A22:7-24:3/P20:2-26:7/P20:3-26:6/P20:4-26:5/P20:5-26:4/P20:6-26:3/P22:2-24:7/P22:3-24:6/P22:4-24:5/P22:5-24:4/P22:6-24:3/P22:7-24:2
896.71	0.02	0.00	0.00	0.02	0.04	0.00	D18:0-26:3/D18:1-26:2/D18:2-26:1/D18:3-26:0/D20:0-24:3/D20:1-24:2/D20:2-24:1/D20:3-24:0/D22:0-22:3/D22:1-22:2
768.46	0.02	0.00	2.93	0.02	0.05	0.02	D16:5-20:6
848.52	0.02	0.45	2.16	0.03	0.15	0.50	D20:6-22:7
776.65	0.02	0.00	1.16	0.03	0.20	0.00	A12:0-24:0/A14:0-22:0/A16:0-20:0/A18:0-18:0
828.55	0.01	0.01	1.59	0.03	0.20	0.00	D14:2-26:7/D14:3-26:6/D16:2-24:7/D16:3-24:6/D16:4-24:5/D16:5-24:4/D18:2-22:7/D18:3-22:6/D18:4-22:5/D18:5-22:4/D20:3-20:6/D20:4-20:5
742.44	0.01	0.01	1.58	0.02	0.00	0.00	D16:5-18:5
450.30	0.01	0.00	0.73	0.00	0.00	0.00	A14:2/P14:1
522.36	0.01	1.37	8.16	20.02	22.34	0.02	D18:1
824.65	0.01	0.01	1.55	0.00	0.05	0.00	A14:0-26:4/A14:1-26:3/A14:2-26:2/A14:3-26:1/A16:0-24:4/A16:1-24:3/A16:2-24:2/A16:3-24:1/A16:4-24:0/A18:0-22:4/A18:1-22:3/A18:2-22:2/A18:3-22:1/A18:4-22:0/A20:0-20:4/A20:1-20:3/A20:2-20:2/P14:0-26:3/P14:1-26:2/P14:2-26:1/P14:3-26:0/P16:0-24:3/P16:1-24:2/P1
834.60	0.01	0.00	3.00	0.03	0.19	0.24	D14:0-26:6/D14:1-26:5/D14:2-26:4/D14:3-26:3/D16:0-24:6/D16:1-24:5/D16:2-24:4/D16:3-24:3/D16:4-24:2/D16:5-24:1/D18:0-22:6/D18:1-22:5/D18:2-22:4/D18:3-22:3/D18:4-22:2/D18:5-22:1/D20:0-20:6/D20:1-20:5/D20:2-20:4/D20:3-20:3
942.64	0.01	0.00	1.79	0.00	0.00	0.00	P24:7-26:7
942.70	0.01	0.00	1.76	0.00	0.00	0.00	D22:1-26:7/D22:2-26:6/D22:3-26:5/D22:4-26:4/D22:5-26:3/D22:6-26:2/D22:7-26:1/D24:1-24:7/D24:2-24:6/D24:3-24:5/D24:4-24:4
888.59	0.01	0.01	1.86	0.00	0.03	0.00	A22:7-24:7/P20:6-26:7/P22:6-24:7/P22:7-24:6
494.32	0.01	0.00	0.97	0.68	11.19	0.07	D16:1
942.83	0.01	0.01	1.76	0.00	0.00	0.00	A22:0-26:1/A22:1-26:0/A24:0-24:1/P22:0-26:0/P24:0-24:0
888.65	0.01	0.01	1.84	0.00	0.04	0.00	D18:0-26:7/D18:1-26:6/D18:2-26:5/D18:3-26:4/D18:4-26:3/D18:5-26:2/D20:0-24:7/D20:1-24:6/D20:2-24:5/D20:3-24:4/D20:4-24:3/D20:5-24:2/D20:6-24:1/D22:0-22:7/D22:1-22:6/D22:2-22:5/D22:3-22:4
798.64	0.01	0.00	0.00	0.03	4.19	0.54	A12:0-26:3/A12:1-26:2/A14:0-24:3/A14:1-24:2/A14:2-24:1/A14:3-24:0/A16:0-22:3/A16:1-22:2/A16:2-22:1/A16:3-22:0/A18:0-20:3/A18:1-20:2/A18:2-20:1/A18:3-20:0/P12:0-26:2/P12:1-26:1/P14:0-24:2/P14:1-24:1/P14:2-24:0/P16:0-22:2/P16:1-22:1/P16:2-22:0/P18:0-20:2/P1
868.62	0.01	0.00	1.26	0.06	0.09	0.00	A18:3-26:7/A18:4-26:6/A18:5-26:5/A20:3-24:7/A20:4-24:6/A20:5-24:5/A20:6-24:4/A22:3-22:7/A22:4-22:6/A22:5-22:5/P18:2-26:7/P18:3-26:6/P18:4-26:5/P18:5-26:4/P20:2-24:7/P20:3-24:6/P20:4-24:5/P20:5-24:4/P20:6-24:3/P22:2-22:7/P22:3-22:6/P22:4-22:5
976.72	0.01	0.01	2.95	0.07	0.20	0.00	A26:5-26:7/A26:6-26:6/P26:4-26:7/P26:5-26:6
868.68	0.01	0.00	1.19	0.05	0.15	0.00	D16:0-26:3/D16:1-26:2/D16:2-26:1/D16:3-26:0/D18:0-24:3/D18:1-24:2/D18:2-24:1/D18:3-24:0/D20:0-22:3/D20:1-22:2/D20:2-22:1/D20:3-22:0
878.57	0.01	0.00	0.96	0.00	0.15	0.00	D18:5-26:7/D20:5-24:7/D20:6-24:6/D22:5-22:7/D22:6-22:6
510.39	0.00	0.01	1.32	0.06	0.19	0.00	A18:0
790.63	0.00	0.88	0.00	0.00	1.89	0.00	D12:0-24:0/D14:0-22:0/D16:0-20:0/D18:0-18:0
834.54	0.00	0.00	2.87	0.03	0.20	0.19	A20:6-22:7/P16:5-26:7/P18:5-24:7/P20:5-22:7/P20:6-22:6
664.53	0.00	0.01	0.00	0.01	0.25	0.00	A12:0-16:0/A14:0-14:0
830.57	0.00	0.25	0.00	0.03	0.04	0.00	D14:1-26:7/D14:2-26:6/D14:3-26:5/D16:1-24:7/D16:2-24:6/D16:3-24:5/D16:4-24:4/D16:5-24:3/D18:1-22:7/D18:2-22:6/D18:3-22:5/D18:4-22:4/D18:5-22:3/D20:2-20:6/D20:3-20:5/D20:4-20:4
876.68	0.00	0.00	1.26	0.03	0.02	0.00	A18:0-26:6/A18:1-26:5/A18:2-26:4/A18:3-26:3/A18:4-26:2/A18:5-26:1/A20:0-24:6/A20:1-24:5/A20:2-24:4/A20:3-24:3/A20:4-24:2/A20:5-24:1/A20:6-24:0/A22:0-22:6/A22:1-22:5/A22:2-22:4/A22:3-22:3/P18:0-26:5/& Other PC species
814.63	0.00	10.59	16.48	0.00	27.50	0.00	D12:0-26:2/D12:1-26:1/D14:0-24:2/D14:1-24:1/D14:2-24:0/D16:0-22:2/D16:1-22:1/D16:2-22:0/D18:0-20:2/D18:1-20:1/D18:2-20:0
876.55	0.00	0.00	1.26	0.03	0.04	0.00	D20:6-24:7/D22:6-22:7
848.65	0.00	0.45	2.16	0.02	0.04	0.51	A16:0-26:6/A16:1-26:5/A16:2-26:4/A16:3-26:3/A16:4-26:2/A16:5-26:1/A18:0-24:6/A18:1-24:5/A18:2-24:4/A18:3-24:3/A18:4-24:2/A18:5-24:1/A20:0-22:6/A20:1-22:5/A20:2-22:4/A20:3-22:3/A20:4-22:2/A20:5-22:1/A20:6-22:0/P16:0-26:5/P16:1-26:4/P16:2-26:3/P16:3-26:2/P1
850.67	0.00	0.01	2.62	0.03	0.10	0.00	A16:0-26:5/A16:1-26:4/A16:2-26:3/A16:3-26:2/A16:4-26:1/A16:5-26:0/A18:0-24:5/A18:1-24:4/A18:2-24:3/A18:3-24:2/A18:4-24:1/A18:5-24:0/A20:0-22:5/A20:1-22:4/A20:2-22:3/A20:3-22:2/A20:4-22:1/A20:5-22:0/P16:0-26:4/P16:1-26:3/P16:2-26:2/P16:3-26:1/P16:4-26:0/P1
918.64	0.00	0.00	0.51	0.00	0.08	0.00	A22:6-26:7/A22:7-26:6/A24:6-24:7/P22:5-26:7/P22:6-26:6/P22:7-26:5/P24:5-24:7/P24:6-24:6
918.70	0.00	0.00	0.52	0.00	0.08	0.00	D20:0-26:6/D20:1-26:5/D20:2-26:4/D20:3-26:3/D20:4-26:2/D20:5-26:1/D20:6-26:0/D22:0-24:6/D22:1-24:5/D22:2-24:4/D22:3-24:3/D22:4-24:2/D22:5-24:1/D22:6-24:0
904.59	0.00	0.00	1.83	0.00	0.11	0.00	D20:6-26:7/D22:6-24:7/D22:7-24:6
992.84	0.00	0.01	3.10	0.04	0.14	0.00	A26:0-26:4/A26:1-26:3/A26:2-26:2/P26:0-26:3/P26:1-26:2
898.67	0.00	0.00	1.54	0.00	0.00	0.00	A20:2-26:7/A20:3-26:6/A20:4-26:5/A20:5-26:4/A20:6-26:3/A22:2-24:7/A22:3-24:6/A22:4-24:5/A22:5-24:4/A22:6-24:3/A22:7-24:2/P20:1-26:7/P20:2-26:6/P20:3-26:5/P20:4-26:4/P20:5-26:3/P20:6-26:2/P22:1-24:7/P22:2-24:6/P22:3-24:5/P22:4-24:4/P22:5-24:3/P22:6-24:2/P2
898.73	0.00	0.00	1.52	0.00	0.00	0.00	D18:0-26:2/D18:1-26:1/D18:2-26:0/D20:0-24:2/D20:1-24:1/D20:2-24:0/D22:0-22:2/D22:1-22:1
944.65	0.00	0.01	0.53	0.01	0.07	0.00	A24:7-26:7/P24:6-26:7/P24:7-26:6
754.48	0.00	0.00	1.09	0.02	0.25	0.00	A16:5-20:6/P14:3-22:7/P16:4-20:6/P16:5-20:5/P18:5-18:5
946.67	0.00	0.01	0.00	0.05	0.12	0.00	A24:6-26:7/A24:7-26:6/P24:5-26:7/P24:6-26:6/P24:7-26:5
754.54	0.00	0.00	1.10	0.02	0.24	0.00	D12:0-22:4/D12:1-22:3/D14:0-20:4/D14:1-20:3/D14:2-20:2/D14:3-20:1/D16:0-18:4/D16:1-18:3/D16:2-18:2/D16:3-18:1/D16:4-18:0
944.84	0.00	0.01	1.17	0.00	0.00	0.00	A22:0-26:0/A24:0-24:0
944.71	0.00	0.01	0.53	0.01	0.07	0.00	D22:0-26:7/D22:1-26:6/D22:2-26:5/D22:3-26:4/D22:4-26:3/D22:5-26:2/D22:6-26:1/D22:7-26:0/D24:0-24:7/D24:1-24:6/D24:2-24:5/D24:3-24:4
946.73	0.00	0.01	0.00	0.05	0.12	0.00	D22:0-26:6/D22:1-26:5/D22:2-26:4/D22:3-26:3/D22:4-26:2/D22:5-26:1/D22:6-26:0/D24:0-24:6/D24:1-24:5/D24:2-24:4/D24:3-24:3
990.83	0.00	0.01	0.32	0.00	0.00	0.00	A26:0-26:5/A26:1-26:4/A26:2-26:3/P26:0-26:4/P26:1-26:3/P26:2-26:2
482.36	0.00	0.00	2.07	1.23	0.01	0.00	A16:0
938.66	0.00	0.00	1.55	0.04	0.03	0.00	D22:3-26:7/D22:4-26:6/D22:5-26:5/D22:6-26:4/D22:7-26:3/D24:3-24:7/D24:4-24:6/D24:5-24:5
970.86	0.00	0.01	0.00	0.00	0.03	0.00	A24:0-26:1/A24:1-26:0/P24:0-26:0
938.79	0.00	0.00	1.55	0.04	0.05	0.00	A22:0-26:3/A22:1-26:2/A22:2-26:1/A22:3-26:0/A24:0-24:3/A24:1-24:2/P22:0-26:2/P22:1-26:1/P22:2-26:0/P24:0-24:2/P24:1-24:1
990.70	0.00	0.01	0.00	0.00	0.00	0.00	D26:5-26:7/D26:6-26:6
478.33	0.00	0.01	0.77	0.04	7.36	0.00	A16:2/P16:1
656.47	0.00	0.01	1.01	0.08	0.22	0.00	A12:0-16:4/A12:1-16:3/A14:1-14:3/A14:2-14:2/P12:0-16:3/P12:1-16:2/P14:0-14:3/P14:1-14:2
906.73	0.00	0.00	1.14	0.00	0.04	0.00	A20:0-26:5/A20:1-26:4/A20:2-26:3/A20:3-26:2/A20:4-26:1/A20:5-26:0/A22:0-24:5/A22:1-24:4/A22:2-24:3/A22:3-24:2/A22:4-24:1/A22:5-24:0/P20:0-26:4/P20:1-26:3/P20:2-26:2/P20:3-26:1/P20:4-26:0/P22:0-24:4/P22:1-24:3/P22:2-24:2/P22:3-24:1/P22:4-24:0
488.28	0.00	0.00	1.44	0.03	0.16	0.00	D16:4
988.81	0.00	0.00	1.77	0.02	0.19	0.00	A26:0-26:6/A26:1-26:5/A26:2-26:4/A26:3-26:3/P26:0-26:5/P26:1-26:4/P26:2-26:3
872.65	0.00	0.28	6.74	0.11	0.70	0.00	A18:1-26:7/A18:2-26:6/A18:3-26:5/A18:4-26:4/A18:5-26:3/A20:1-24:7/A20:2-24:6/A20:3-24:5/A20:4-24:4/A20:5-24:3/A20:6-24:2/A22:1-22:7/A22:2-22:6/A22:3-22:5/A22:4-22:4/P18:0-26:7/P18:1-26:6/P18:2-26:5/P18:3-26:4/P18:4-26:3/P18:5-26:2/P20:0-24:7/P20:1-24:6/P2
872.71	0.00	0.30	6.62	0.11	0.68	0.00	D16:0-26:1/D16:1-26:0/D18:0-24:1/D18:1-24:0/D20:0-22:1/D20:1-22:0
870.70	0.00	0.01	2.06	0.00	0.19	0.00	D16:0-26:2/D16:1-26:1/D16:2-26:0/D18:0-24:2/D18:1-24:1/D18:2-24:0/D20:0-22:2/D20:1-22:1/D20:2-22:0
652.43	0.00	0.01	1.95	0.02	0.11	0.00	A12:1-16:5/A14:3-14:3/P12:0-16:5/P12:1-16:4/P14:2-14:3
864.59	0.00	0.00	1.23	0.05	0.27	0.00	A18:5-26:7/A20:5-24:7/A20:6-24:6/A22:5-22:7/A22:6-22:6/P18:4-26:7/P18:5-26:6/P20:4-24:7/P20:5-24:6/P20:6-24:5/P22:4-22:7/P22:5-22:6
864.65	0.00	0.00	1.26	0.05	0.27	0.00	D16:0-26:5/D16:1-26:4/D16:2-26:3/D16:3-26:2/D16:4-26:1/D16:5-26:0/D18:0-24:5/D18:1-24:4/D18:2-24:3/D18:3-24:2/D18:4-24:1/D18:5-24:0/D20:0-22:5/D20:1-22:4/D20:2-22:3/D20:3-22:2/D20:4-22:1/D20:5-22:0
930.73	0.00	0.01	0.94	0.03	0.08	0.00	A22:0-26:7/A22:1-26:6/A22:2-26:5/A22:3-26:4/A22:4-26:3/A22:5-26:2/A22:6-26:1/A22:7-26:0/A24:0-24:7/A24:1-24:6/A24:2-24:5/A24:3-24:4/P22:0-26:6/P22:1-26:5/P22:2-26:4/P22:3-26:3/P22:4-26:2/P22:5-26:1/P22:6-26:0/P24:0-24:6/P24:1-24:5/P24:2-24:4/P24:3-24:3
930.60	0.00	0.00	0.00	0.03	0.18	0.00	D22:7-26:7/D24:7-24:7
922.67	0.00	0.01	1.55	0.07	0.17	0.00	A22:4-26:7/A22:5-26:6/A22:6-26:5/A22:7-26:4/A24:4-24:7/A24:5-24:6/P22:3-26:7/P22:4-26:6/P22:5-26:5/P22:6-26:4/P22:7-26:3/P24:3-24:7/P24:4-24:6/P24:5-24:5
554.36	0.00	0.00	1.85	0.01	0.15	0.00	A22:6/P22:5
930.79	0.00	0.01	1.98	0.02	0.04	0.00	D20:0-26:0/D22:0-24:0
984.78	0.00	0.01	1.58	0.04	0.00	0.00	A26:1-26:7/A26:2-26:6/A26:3-26:5/A26:4-26:4/P26:0-26:7/P26:1-26:6/P26:2-26:5/P26:3-26:4
922.73	0.00	0.01	1.53	0.07	0.17	0.00	D20:0-26:4/D20:1-26:3/D20:2-26:2/D20:3-26:1/D20:4-26:0/D22:0-24:4/D22:1-24:3/D22:2-24:2/D22:3-24:1/D22:4-24:0
984.84	0.00	0.01	1.55	0.04	0.00	0.00	D24:0-26:1/D24:1-26:0
552.40	0.00	0.01	0.00	0.04	0.00	0.00	D20:0
534.39	0.00	0.01	1.74	0.01	0.02	0.00	A20:2/P20:1
470.27	0.00	0.01	0.00	0.02	0.05	0.00	P16:5
468.31	0.00	0.00	0.73	0.01	0.16	0.00	D14:0
914.61	0.00	0.00	1.70	0.02	0.02	0.00	P22:7-26:7/P24:7-24:7
642.41	0.00	0.00	0.70	0.00	0.12	0.00	D12:1-14:3
914.66	0.00	0.00	1.88	0.03	0.09	0.00	D20:1-26:7/D20:2-26:6/D20:3-26:5/D20:4-26:4/D20:5-26:3/D20:6-26:2/D22:1-24:7/D22:2-24:6/D22:3-24:5/D22:4-24:4/D22:5-24:3/D22:6-24:2/D22:7-24:1
914.79	0.00	0.00	1.88	0.03	0.09	0.00	A20:0-26:1/A20:1-26:0/A22:0-24:1/A22:1-24:0/P20:0-26:0/P22:0-24:0
958.63	0.00	0.00	1.69	0.08	0.06	0.00	D24:7-26:7
578.36	0.00	0.00	2.32	0.04	0.03	0.00	P24:7
578.42	0.00	0.00	2.27	0.04	0.03	0.00	D22:1
894.70	0.00	0.00	0.53	0.03	0.20	0.00	D18:0-26:4/D18:1-26:3/D18:2-26:2/D18:3-26:1/D18:4-26:0/D20:0-24:4/D20:1-24:3/D20:2-24:2/D20:3-24:1/D20:4-24:0/D22:0-22:4/D22:1-22:3/D22:2-22:2
544.34	0.00	0.15	0.54	5.20	2.05	0.00	D20:4
958.76	0.00	0.00	1.45	0.08	0.07	0.00	A24:0-26:7/A24:1-26:6/A24:2-26:5/A24:3-26:4/A24:4-26:3/A24:5-26:2/A24:6-26:1/A24:7-26:0/P24:0-26:6/P24:1-26:5/P24:2-26:4/P24:3-26:3/P24:4-26:2/P24:5-26:1/P24:6-26:0
958.82	0.00	0.00	1.43	0.08	0.07	0.00	D22:0-26:0/D24:0-24:0
560.41	0.00	0.00	0.86	0.02	0.11	0.00	A22:3/P22:2
562.42	0.00	0.00	1.34	0.02	0.00	0.00	A22:2/P22:1
654.45	0.00	0.01	1.28	0.00	5.42	0.00	A12:0-16:5/A12:1-16:4/A14:2-14:3/P12:0-16:4/P12:1-16:3/P14:1-14:3/P14:2-14:2
866.61	0.00	0.01	1.22	0.07	0.04	0.00	A18:4-26:7/A18:5-26:6/A20:4-24:7/A20:5-24:6/A20:6-24:5/A22:4-22:7/A22:5-22:6/P18:3-26:7/P18:4-26:6/P18:5-26:5/P20:3-24:7/P20:4-24:6/P20:5-24:5/P20:6-24:4/P22:3-22:7/P22:4-22:6/P22:5-22:5
440.28	0.00	0.00	0.91	0.01	0.16	0.00	D12:0
866.66	0.00	0.01	1.09	0.02	0.04	0.00	D16:0-26:4/D16:1-26:3/D16:2-26:2/D16:3-26:1/D16:4-26:0/D18:0-24:4/D18:1-24:3/D18:2-24:2/D18:3-24:1/D18:4-24:0/D20:0-22:4/D20:1-22:3/D20:2-22:2/D20:3-22:1/D20:4-22:0
546.36	0.00	0.00	1.43	0.02	0.06	0.00	D20:3
998.76	0.00	0.00	0.00	0.02	0.03	0.00	D26:1-26:7/D26:2-26:6/D26:3-26:5/D26:4-26:4
940.81	0.00	0.01	1.76	0.06	0.08	0.00	A22:0-26:2/A22:1-26:1/A22:2-26:0/A24:0-24:2/A24:1-24:1/P22:0-26:1/P22:1-26:0/P24:0-24:1
940.68	0.00	0.00	1.76	0.05	0.08	0.00	D22:2-26:7/D22:3-26:6/D22:4-26:5/D22:5-26:4/D22:6-26:3/D22:7-26:2/D24:2-24:7/D24:3-24:6/D24:4-24:5

632.47	0.00	0.00	0.94	0.03	0.08	0.00	A12:0-14:2/A12:1-14:1/P12:0-14:1/P12:1-14:0
632.47	0.00	0.00	0.94	0.03	0.08	0.00	A12:0-14:2/A12:1-14:1/P12:0-14:1/P12:1-14:0
728.47	0.00	0.00	0.94	0.00	0.08	0.00	A16:5-18:5/P14:3-20:6/P16:4-18:5/P16:5-18:4
728.52	0.00	0.00	0.94	0.00	0.08	0.00	D12:0-20:3/D12:1-20:2/D14:0-18:3/D14:1-18:2/D14:2-18:1/D14:3-18:0/D16:0-16:3/D16:1-16:2
986.66	0.00	0.00	0.31	0.03	0.14	0.00	D26:7-26:7
992.71	0.00	0.01	3.19	0.03	0.09	0.00	D26:4-26:7/D26:5-26:6
670.44	0.00	1.05	0.58	0.00	10.57	0.23	D12:0-16:4/D12:1-16:3/D14:1-14:3/D14:2-14:2
528.35	0.00	0.58	2.50	0.04	0.07	0.00	A20:5/P20:4
986.85	0.00	0.00	0.83	0.03	0.11	0.00	D24:0-26:0
564.44	0.00	0.00	0.68	0.02	0.03	0.00	A22:1/P22:0
500.31	0.00	0.00	1.75	0.04	0.16	0.00	A18:5/P18:4
582.39	0.00	1.38	0.00	0.00	2.01	0.27	A24:6/P24:5
530.36	0.00	0.00	0.71	0.02	0.10	0.00	A20:4/P20:3
700.49	0.00	0.00	1.82	0.02	0.09	0.00	D12:0-18:3/D12:1-18:2/D14:0-16:3/D14:1-16:2/D14:2-16:1/D14:3-16:0
622.44	0.00	0.00	2.44	0.01	0.00	0.00	D12:0-12:0
596.37	0.00	0.00	0.42	0.03	0.08	0.00	D24:6
662.51	0.00	0.01	0.98	0.03	0.14	0.00	A12:0-16:1/A12:1-16:0/A14:0-14:1/P12:0-16:0/P14:0-14:0
928.72	0.00	0.01	0.48	0.06	0.23	0.00	A22:1-26:7/A22:2-26:6/A22:3-26:5/A22:4-26:4/A22:5-26:3/A22:6-26:2/A22:7-26:1/A24:1-24:7/A24:2-24:6/A24:3-24:5/A24:4-24:4/P22:0-26:7/P22:1-26:6/P22:2-26:5/P22:3-26:4/P22:4-26:3/P22:5-26:2/P22:6-26:1/P22:7-26:0/P24:0-24:7/P24:1-24:6/P24:2-24:5/P24:3-24:4
622.39	0.00	0.00	2.49	0.01	0.00	0.00	D26:7
518.32	0.00	0.00	0.74	0.03	0.07	0.00	D18:3
552.35	0.00	0.01	0.00	0.03	0.00	0.00	A22:7/P22:6
574.39	0.00	0.01	0.57	0.01	0.06	0.00	D22:3
588.44	0.00	0.00	0.38	0.03	0.18	0.00	A24:3/P24:2
954.73	0.00	0.00	1.48	0.06	0.00	0.00	A24:2-26:7/A24:3-26:6/A24:4-26:5/A24:5-26:4/A24:6-26:3/A24:7-26:2/P24:1-26:7/P24:2-26:6/P24:3-26:5/P24:4-26:4/P24:5-26:3/P24:6-26:2/P24:7-26:1
568.34	0.00	0.00	1.15	0.03	0.15	0.00	D22:6
954.79	0.00	0.00	1.22	0.05	0.00	0.00	D22:0-26:2/D22:1-26:1/D22:2-26:0/D24:0-24:2/D24:1-24:1
994.86	0.00	0.01	2.77	0.04	0.09	0.00	A26:0-26:3/A26:1-26:2/P26:0-26:2/P26:1-26:1
924.68	0.00	0.01	2.65	0.02	0.08	0.01	A22:3-26:7/A22:4-26:6/A22:5-26:5/A22:6-26:4/A22:7-26:3/A24:3-24:7/A24:4-24:6/A24:5-24:5/P22:2-26:7/P22:3-26:6/P22:4-26:5/P22:5-26:4/P22:6-26:3/P22:7-26:2/P24:2-24:7/P24:3-24:6/P24:4-24:5
490.29	0.00	0.01	0.43	0.06	0.13	0.00	D16:3
600.40	0.00	0.01	1.74	0.07	0.11	0.00	D24:4
924.74	0.00	0.01	2.63	0.02	0.08	0.01	D20:0-26:3/D20:1-26:2/D20:2-26:1/D20:3-26:0/D22:0-24:3/D22:1-24:2/D22:2-24:1/D22:3-24:0
566.32	0.00	0.00	0.84	0.02	0.06	0.00	D22:7
900.68	0.00	0.00	0.00	0.01	0.00	0.00	A20:1-26:7/A20:2-26:6/A20:3-26:5/A20:4-26:4/A20:5-26:3/A20:6-26:2/A22:1-24:7/A22:2-24:6/A22:3-24:5/A22:4-24:4/A22:5-24:3/A22:6-24:2/A22:7-24:1/P20:0-26:7/P20:1-26:6/P20:2-26:5/P20:3-26:4/P20:4-26:3/P20:5-26:2/P20:6-26:1/P22:0-24:7/P22:1-24:6/P22:2-24:5/P2
630.45	0.00	0.00	0.72	0.04	0.16	0.00	A12:0-14:3/A12:1-14:2/P12:0-14:2/P12:1-14:1
630.45	0.00	0.00	0.72	0.04	0.16	0.00	A12:0-14:3/A12:1-14:2/P12:0-14:2/P12:1-14:1
890.66	0.00	0.01	0.00	0.02	0.01	0.00	D18:0-26:6/D18:1-26:5/D18:2-26:4/D18:3-26:3/D18:4-26:2/D18:5-26:1/D20:0-24:6/D20:1-24:5/D20:2-24:4/D20:3-24:3/D20:4-24:2/D20:5-24:1/D20:6-24:0/D22:0-22:6/D22:1-22:5/D22:2-22:4/D22:3-22:3
900.74	0.00	0.00	0.00	0.01	0.00	0.00	D18:0-26:1/D18:1-26:0/D20:0-24:1/D20:1-24:0/D22:0-22:1
986.79	0.00	0.00	0.83	0.03	0.11	0.00	A26:0-26:7/A26:1-26:6/A26:2-26:5/A26:3-26:4/P26:0-26:6/P26:1-26:5/P26:2-26:4/P26:3-26:3
698.48	0.00	0.00	0.82	0.00	0.15	0.00	D12:0-18:4/D12:1-18:3/D14:0-16:4/D14:1-16:3/D14:2-16:2/D14:3-16:1
850.54	0.00	0.01	1.95	0.01	0.13	0.00	D16:5-26:7/D18:5-24:7/D20:5-22:7/D20:6-22:6
504.35	0.00	0.00	0.89	0.02	0.12	0.00	A18:3/P18:2
740.56	0.00	0.00	0.64	0.00	0.14	0.00	A12:0-22:4/A12:1-22:3/A14:0-20:4/A14:1-20:3/A14:2-20:2/A14:3-20:1/A16:0-18:4/A16:1-18:3/A16:2-18:2/A16:3-18:1/A16.4-18:0/P12:0-22:3/P12:1-22:2/P14:0-20:3/P14:1-20:2/P14:2-20:1/P14:3-20:0/P16:0-18:3/P16:1-18:2/P16:2-18:1/P16:3-18:0
542.32	0.00	0.00	0.00	0.00	0.00	0.00	D20:5
688.53	0.00	0.00	0.05	0.02	0.01	0.00	A12:0-18:2/A12:1-18:1/A14:0-16:2/A14:1-16:1/A14:2-16:0/P12:0-18:1/P12:1-18:0/P14:0-16:1/P14:1-16:0
982.76	0.00	0.00	2.14	0.03	0.23	0.00	A26:2-26:7/A26:3-26:6/A26:4-26:5/P26:1-26:7/P26:2-26:6/P26:3-26:5/P26:4-26:4
982.82	0.00	0.00	2.10	0.03	0.23	0.00	D24:0-26:2/D24:1-26:1/D24:2-26:0
624.40	0.00	0.00	1.08	0.53	0.15	0.00	D26:6
920.65	0.00	0.00	1.47	0.03	0.29	0.00	A22:5-26:7/A22:6-26:6/A22:7-26:5/A24:5-24:7/A24:6-24:6/P22:4-26:7/P22:5-26:6/P22:6-26:5/P22:7-26:4/P24:4-24:7/P24:5-24:6
920.71	0.00	0.00	1.45	0.03	0.28	0.00	D20:0-26:5/D20:1-26:4/D20:2-26:3/D20:3-26:2/D20:4-26:1/D20:5-26:0/D22:0-24:5/D22:1-24:4/D22:2-24:3/D22:3-24:2/D22:4-24:1/D22:5-24:0
492.31	0.00	0.00	26.32	0.03	0.09	0.00	D16:2
602.42	0.00	0.01	0.84	0.03	0.20	0.00	P12:1-12:1
602.42	0.00	0.01	0.84	0.03	0.20	0.00	P12:1-12:1
616.47	0.00	0.00	0.37	0.01	0.04	0.00	A26:3/P26:2
978.79	0.00	0.00	0.00	0.03	0.05	0.00	D24:0-26:4/D24:1-26:3/D24:2-26:2/D24:3-26:1/D24:4-26:0
472.28	0.00	0.01	0.00	0.05	0.15	0.00	A16:5/P16:4
464.28	0.00	0.00	0.00	0.01	0.10	0.00	D14:2
962.79	0.00	0.01	1.21	0.03	0.02	0.00	A24:0-26:5/A24:1-26:4/A24:2-26:3/A24:3-26:2/A24:4-26:1/A24:5-26:0/P24:0-26:4/P24:1-26:3/P24:2-26:2/P24:3-26:1/P24.4-26:0
932.75	0.00	0.01	0.53	0.02	0.20	0.00	A22:0-26:6/A22:1-26:5/A22:2-26:4/A22:3-26:3/A22:4-26:2/A22:5-26:1/A22:6-26:0/A24:0-24:6/A24:1-24:5/A24:2-24:4/A24:3-24:3/P22:0-26:5/P22:1-26:4/P22:2-26:3/P22:3-26:2/P22:4-26:1/P22:5-26:0/P24:0-24:5/P24:1-24:4/P24:2-24:3
966.70	0.00	0.00	3.51	0.00	0.08	0.00	D24:3-26:7/D24:4-26:6/D24:5-26:5/D24:6-26:4/D24:7-26:3
452.31	0.00	0.00	1.62	0.03	0.07	0.00	A14:1/P14:0
928.77	0.00	0.00	0.99	0.06	0.21	0.00	D20:0-26:1/D20:1-26:0/D22:0-24:1/D22:1-24:0
486.26	0.00	0.00	0.37	0.04	0.13	0.00	D16:5
592.47	0.00	0.00	1.55	0.00	0.08	0.00	A24:1/P24:0
476.31	0.00	0.01	1.45	0.02	0.10	0.00	A16:3/P16:2
614.45	0.00	0.00	1.52	0.07	0.08	0.00	A26:4/P26:3
884.62	0.00	0.00	0.98	0.02	0.07	0.00	D18:2-26:7/D18:3-26:6/D18:4-26:5/D18:5-26:4/D20:2-24:7/D20:3-24:6/D20:4-24:5/D20:5-24:4/D20:6-24:3/D22:2-22:7/D22:3-22:6/D22:4-22:5
884.75	0.00	0.00	0.00	0.02	0.09	0.00	A18:0-26:2/A18:1-26:1/A18:2-26:0/A20:0-24:2/A20:1-24:1/A20:2-24:0/A22:0-22:2/A22:1-22:1/P18:0-26:1/P18:1-26:0/P20:0-24:1/P20:1-24:0/P22:0-22:1
842.66	0.00	0.00	0.00	0.03	0.22	0.00	D14:0-26:2/D14:1-26:1/D14:2-26:0/D16:0-24:2/D16:1-24:1/D16:2-24:0/D18:0-22:2/D18:1-22:1/D18:2-22:0/D20:0-20:2/D20:1-20:1
556.38	0.00	0.01	0.69	0.03	0.08	0.00	A22:5/P22:4
682.48	0.00	0.00	1.50	0.05	0.05	0.00	A12:0-18:5/A12:1-18:4/A14:0-16:5/A14:1-16:4/A14:2-16:3/A14:3-16:2/P12:0-18:4/P12:1-18:3/P14:0-16:4/P14:1-16:3/P14:2-16:2/P14:3-16:1
516.31	0.00	0.00	0.27	0.03	0.01	0.00	D18:4
956.75	0.00	0.00	1.35	0.03	0.08	0.00	A24:1-26:7/A24:2-26:6/A24:3-26:5/A24:4-26:4/A24:5-26:3/A24:6-26:2/A24:7-26:1/P24:0-26:7/P24:1-26:6/P24:2-26:5/P24:3-26:4/P24:4-26:3/P24:5-26:2/P24:6-26:1/P24:7-26:0
910.63	0.00	0.00	0.72	0.03	0.00	0.00	D20:3-26:7/D20:4-26:6/D20:5-26:5/D20:6-26:4/D22:3-24:7/D22:4-24:6/D22:5-24:5/D22:6-24:4/D22:7-24:3
908.75	0.00	0.00	0.69	0.01	0.22	0.00	A20:0-26:4/A20:1-26:3/A20:2-26:2/A20:3-26:1/A20:4-26:0/A22:0-24:4/A22:1-24:3/A22:2-24:2/A22:3-24:1/A22:4-24:0/P20:0-26:3/P20:1-26:2/P20:2-26:1/P20:3-26:0/P22:0-24:3/P22:1-24:2/P22:2-24:1/P22:3-24:0
714.41	0.00	0.19	0.56	1.78	62.50	0.00	D16:5-16:5
916.81	0.00	0.01	1.01	0.09	0.23	0.00	A20:0-26:0/A22:0-24:0
902.76	0.00	0.00	1.45	0.02	0.17	0.00	D18:0-26:0/D20:0-24:0/D22:0-22:0
548.37	0.00	0.00	0.23	0.03	0.14	0.00	D20:2
902.57	0.00	0.00	2.28	0.02	0.00	0.00	D22:7-24:7
902.70	0.00	0.00	1.40	0.02	0.00	0.00	A20:0-26:7/A20:1-26:6/A20:2-26:5/A20:3-26:4/A20:4-26:3/A20:5-26:2/A20:6-26:1/A22:0-24:7/A22:1-24:6/A22:2-24:5/A22:3-24:4/A22:4-24:3/A22:5-24:2/A22:6-24:1/A22:7-24:0/P20:0-26:6/P20:1-26:5/P20:2-26:4/P20:3-26:3/P20:4-26:2/P20:5-26:1/P20:6-26:0/P22:0-24:6/P2
660.50	0.00	0.00	1.16	0.03	0.16	0.00	A12:0-16:2/A12:1-16:1/A14:0-14:2/A14:1-14:1/P12:0-16:1/P12:1-16:0/P14:0-14:1
980.80	0.00	0.01	2.20	0.02	0.00	0.00	D24:0-26:3/D24:1-26:2/D24:2-26:1/D24:3-26:0
978.73	0.00	0.00	0.00	0.05	0.10	0.00	A26:4-26:7/A26:5-26:6/P26:3-26:7/P26:4-26:6/P26:5-26:5
462.26	0.00	0.00	1.65	0.00	0.09	0.00	D14:3
994.73	0.00	0.01	0.90	0.02	0.08	0.00	D26:3-26:7/D26:4-26:6/D26:5-26:5
862.63	0.00	0.00	0.50	0.02	0.02	0.00	D16:0-26:6/D16:1-26:5/D16:2-26:4/D16:3-26:3/D16:4-26:2/D16:5-26:1/D18:0-24:6/D18:1-24:5/D18:2-24:4/D18:3-24:3/D18:4-24:2/D18:5-24:1/D20:0-22:6/D20:1-22:5/D20:2-22:4/D20:3-22:3/D20:4-22:2/D20:5-22:1/D20:6-22:0
424.28	0.00	0.01	1.03	0.03	0.06	0.00	A12:1/P12:0
862.58	0.00	0.00	0.48	0.02	0.02	0.01	A20:6-24:7/A22:6-22:7/P18:5-26:7/P20:5-24:7/P20:6-24:6/P22:5-22:7/P22:6-22:6
686.51	0.00	0.00	1.55	0.02	0.05	0.00	A12:0-18:3/A12:1-18:2/A14:0-16:3/A14:1-16:2/A14:2-16:1/A14:3-16:0/P12:0-18:2/P12:1-18:1/P14:0-16:2/P14:1-16:1/P14:2-16:0
934.76	0.00	0.00	1.89	0.00	0.04	0.00	A22:0-26:5/A22:1-26:4/A22:2-26:3/A22:3-26:2/A22:4-26:1/A22:5-26:0/A24:0-24:5/A24:1-24:4/A24:2-24:3/P22:0-26:4/P22:1-26:3/P22:2-26:2/P22:3-26:1/P22:4-26:0/P24:0-24:4/P24:1-24:3/P24:2-24:2
908.62	0.00	0.01	0.69	0.01	0.22	0.00	D20:4-26:7/D20:5-26:6/D20:6-26:5/D22:4-24:7/D22:5-24:6/D22:6-24:5/D22:7-24:4
606.45	0.00	0.01	2.31	0.05	0.00	0.00	A12:0-12:1/P12:0-12:0
606.45	0.00	0.01	2.31	0.05	0.00	0.00	A12:0-12:1/P12:0-12:0
856.72	0.00	0.01	0.91	0.03	0.01	0.00	A16:0-26:2/A16:1-26:1/A16:2-26:0/A18:0-24:2/A18:1-24:1/A18:2-24:0/A20:0-22:2/A20:1-22:1/A20:2-22:0/P16:0-26:1/P16:1-26:0/P18:0-24:1/P18:1-24:0/P20:0-22:1/P20:1-22:0
550.39	0.00	0.01	1.60	0.02	0.11	0.00	D20:1

448.28	0.00	0.01	0.99	0.01	0.15	0.00	A14:3/P14:2
606.39	0.00	0.01	2.33	0.05	0.00	0.00	P26:7
508.38	0.00	0.01	0.39	0.02	0.15	0.00	A18:1/P18:0
572.37	0.00	0.00	1.81	0.01	0.00	0.00	D22:4
646.44	0.00	0.00	0.00	0.02	0.09	0.00	D12:0-14:2/D12:1-14:1
566.45	0.00	0.00	0.85	0.00	0.08	0.00	A22:0
892.68	0.00	0.00	0.04	0.05	0.05	0.01	D18:0-26:5/D18:1-26:4/D18:2-26:3/D18:3-26:2/D18:4-26:1/D18:5-26:0/D20:0-24:5/D20:1-24:4/D20:2-24:3/D20:3-24:2/D20:4-24:1/D20:5-24:0/D22:0-22:5/D22:1-22:4/D22:2-22:3
726.51	0.00	0.00	1.72	0.05	0.24	0.00	D12:0-20:4/D12:1-20:3/D14:0-18:4/D14:1-18:3/D14:2-18:2/D14:3-18:1/D16:0-16:4/D16:1-16:3/D16:2-16:2
538.42	0.00	0.34	0.00	0.00	9.55	0.00	A20:0
726.45	0.00	0.00	1.59	0.05	0.24	0.00	P16:5-18:5
972.87	0.00	0.01	2.22	0.01	0.00	0.00	A24:0-26:0
610.42	0.00	0.01	1.12	0.02	0.26	0.00	A26:6/P26:5
590.45	0.00	0.01	1.99	0.00	0.04	0.00	A24:2/P24:1
520.34	0.00	0.01	0.39	0.12	1.77	0.00	D18:2
584.41	0.00	0.06	0.71	0.00	0.00	0.00	A24:5/P24:4
858.54	0.00	0.01	1.99	0.00	0.13	0.00	P22:7-22:7
858.60	0.00	0.01	1.45	0.00	0.13	0.00	D16:1-26:7/D16:2-26:6/D16:3-26:5/D16:4-26:4/D16:5-26:3/D18:1-24:7/D18:2-24:6/D18:3-24:5/D18:4-24:4/D18:5-24:3/D20:1-22:7/D20:2-22:6/D20:3-22:5/D20:4-22:4/D20:5-22:3/D20:6-22:2
988.68	0.00	0.00	1.77	0.02	0.19	0.00	D26:6-26:7
658.48	0.00	0.01	1.45	0.06	0.11	0.00	A12:0-16:3/A12:1-16:2/A14:0-14:3/A14:1-14:2/P12:0-16:2/P12:1-16:1/P14:0-14:2/P14:1-14:1
626.42	0.00	0.76	0.00	0.00	12.98	0.01	P12:1-14:3
626.42	0.00	0.76	0.00	0.00	12.98	0.01	P12:1-14:3
536.41	0.00	0.00	61.26	1.99	0.18	0.00	A20:1/P20:0
886.76	0.00	0.00	2.74	0.00	0.00	0.31	A18:0-26:1/A18:1-26:0/A20:0-24:1/A20:1-24:0/A22:0-22:1/P18:0-26:0/P20:0-24:0/P22:0-22:0
886.63	0.00	0.00	2.53	0.00	0.05	0.31	D18:1-26:7/D18:2-26:6/D18:3-26:5/D18:4-26:4/D18:5-26:3/D20:1-24:7/D20:2-24:6/D20:3-24:5/D20:4-24:4/D20:5-24:3/D20:6-24:2/D22:1-22:7/D22:2-22:6/D22:3-22:5/D22:4-22:4
858.73	0.00	0.00	1.56	0.00	0.13	0.00	A16:0-26:1/A16:1-26:0/A18:0-24:1/A18:1-24:0/A20:0-22:1/A20:1-22:0/P16:0-26:0/P18:0-24:0/P20:0-22:0
680.47	0.00	0.00	1.15	0.03	0.11	0.00	A12:1-18:5/A14:1-16:5/A14:2-16:4/A14:3-16:3/P12:0-18:5/P12:1-18:4/P14:0-16:5/P14:1-16:4/P14:2-16:3/P14:3-16:2
474.30	0.00	0.01	0.71	0.04	0.08	0.00	A16:4/P16:3
514.29	0.00	0.00	0.94	0.04	0.14	0.00	D18:5
438.26	0.00	0.00	0.28	0.01	0.07	0.00	D12:1
880.59	0.00	0.01	2.55	0.02	0.14	0.00	D18:4-26:7/D18:5-26:6/D20:4-24:7/D20:5-24:6/D20:6-24:5/D22:4-22:7/D22:5-22:6
870.64	0.00	0.01	2.07	0.00	0.16	0.00	A18:2-26:7/A18:3-26:6/A18:4-26:5/A18:5-26:4/A20:2-24:7/A20:3-24:6/A20:4-24:5/A20:5-24:4/A20:6-24:3/A22:2-22:7/A22:3-22:6/A22:4-22:5/P18:1-26:7/P18:2-26:6/P18:3-26:5/P18:4-26:4/P18:5-26:3/P20:1-24:7/P20:2-24:6/P20:3-24:5/P20:4-24:4/P20:5-24:3/P20:6-24:2/P2
672.46	0.00	0.00	0.09	0.00	0.00	0.00	D12:0-16:3/D12:1-16:2/D14:0-14:3/D14:1-14:2
886.58	0.00	0.00	2.55	0.00	0.04	0.32	P22:7-24:7
964.81	0.00	0.01	0.63	0.00	0.25	0.00	A24:0-26:4/A24:1-26:3/A24:2-26:2/A24:3-26:1/A24:4-26:0/P24:0-26:3/P24:1-26:2/P24:2-26:1/P24:3-26:0
618.49	0.00	0.01	0.71	0.01	0.05	0.00	A26:2/P26:1
950.76	0.00	0.00	1.36	0.03	0.12	0.00	D22:0-26:4/D22:1-26:3/D22:2-26:2/D22:3-26:1/D22:4-26:0/D24:0-24:4/D24:1-24:3/D24:2-24:2
618.41	0.00	0.01	0.74	0.01	0.13	0.00	D12:1-12:1
426.30	0.00	0.01	1.08	0.00	0.05	0.00	A12:0
980.75	0.00	0.01	2.34	0.03	0.00	0.00	A26:3-26:7/A26:4-26:6/A26:5-26:5/P26:2-26:7/P26:3-26:6/P26:4-26:5
950.70	0.00	0.00	1.37	0.03	0.12	0.00	A24:4-26:7/A24:5-26:6/A24:6-26:5/A24:7-26:4/P24:3-26:7/P24:4-26:6/P24:5-26:5/P24:6-26:4/P24:7-26:3
910.76	0.00	0.01	0.71	0.00	0.00	0.00	A20:0-26:3/A20:1-26:2/A20:2-26:1/A20:3-26:0/A22:0-24:3/A22:1-24:2/A22:2-24:1/A22:3-24:0/P20:0-26:2/P20:1-26:1/P20:2-26:0/P22:0-24:2/P22:1-24:1/P22:2-24:0
948.74	0.00	0.01	2.33	0.00	0.00	0.00	D22:0-26:5/D22:1-26:4/D22:2-26:3/D22:3-26:2/D22:4-26:1/D22:5-26:0/D24:0-24:5/D24:1-24:4/D24:2-24:3
480.35	0.00	0.08	1.50	0.01	0.04	0.19	A16:1/P16:0
550.33	0.00	0.01	1.64	0.02	0.11	0.00	P22:7
948.68	0.00	0.01	2.34	0.00	0.00	0.00	A24:5-26:7/A24:6-26:6/A24:7-26:5/P24:4-26:7/P24:5-26:6/P24:6-26:5/P24:7-26:4
856.59	0.00	0.00	0.12	0.02	0.01	0.00	D16:2-26:7/D16:3-26:6/D16:4-26:5/D16:5-26:4/D18:2-24:7/D18:3-24:6/D18:4-24:5/D18:5-24:4/D20:2-22:7/D20:3-22:6/D20:4-22:5/D20:5-22:4/D20:6-22:3
842.61	0.00	0.00	0.00	0.03	0.13	0.00	A16:2-26:7/A16:3-26:6/A16:4-26:5/A16:5-26:4/A18:2-24:7/A18:3-24:6/A18:4-24:5/A18:5-24:4/A20:2-22:7/A20:3-22:6/A20:4-22:5/A20:5-22:4/A20:6-22:3/P16:1-26:7/P16:2-26:6/P16:3-26:5/P16:4-26:4/P16:5-26:3/P18:1-24:7/P18:2-24:6/P18:3-24:5/P18:4-24:4/P18:5-24:3/P2
972.74	0.00	0.01	1.14	0.01	0.02	0.01	D24:0-26:7/D24:1-26:6/D24:2-26:5/D24:3-26:4/D24:4-26:3/D24:5-26:2/D24:6-26:1/D24:7-26:0
968.71	0.00	0.00	0.05	0.04	0.34	0.00	D24:2-26:7/D24:3-26:6/D24:4-26:5/D24:5-26:4/D24:6-26:3/D24:7-26:2
972.68	0.00	0.01	1.11	0.01	0.02	0.01	A26:7-26:7/P26:6-26:7
752.52	0.00	0.00	0.91	0.03	0.20	0.00	D12:0-22:5/D12:1-22:4/D14:0-20:5/D14:1-20:4/D14:2-20:3/D14:3-20:2/D16:0-18:5/D16:1-18:4/D16:2-18:3/D16:3-18:2/D16:4-18:1/D16:5-18:0
696.46	0.00	0.02	0.84	0.00	0.09	0.00	D12:0-18:5/D12:1-18:4/D14:0-16:5/D14:1-16:4/D14:2-16:3/D14:3-16:2
966.83	0.00	0.00	2.86	0.00	0.08	0.00	A24:0-26:3/A24:1-26:2/A24:2-26:1/A24:3-26:0/P24:0-26:2/P24:1-26:1/P24:2-26:0
586.42	0.00	0.00	2.16	0.04	0.17	0.01	A24:4/P24:3
668.43	0.00	0.00	8.73	0.04	0.07	0.00	D12:0-16:5/D12:1-16:4/D14:2-14:3
570.36	0.00	0.01	0.80	0.02	0.21	0.00	D22:5
752.47	0.00	0.00	0.90	0.03	0.21	0.00	P16:5-20:6
932.62	0.00	0.00	0.00	0.02	0.21	0.00	D22:6-26:7/D22:7-26:6/D24:6-24:7
446.27	0.00	0.00	0.81	0.03	0.10	0.00	P14:3
608.47	0.00	0.01	1.53	0.03	0.00	0.00	A12:0-12:0
608.47	0.00	0.01	1.53	0.03	0.00	0.00	A12:0-12:0
892.62	0.00	0.00	0.23	0.00	0.05	0.01	A20:5-26:7/A20:6-26:6/A22:5-24:7/A22:6-24:6/A22:7-24:5/P20:4-26:7/P20:5-26:6/P20:6-26:5/P22:4-24:7/P22:5-24:6/P22:6-24:5/P22:7-24:4
608.41	0.00	0.01	1.61	0.03	0.00	0.00	A26:7/P26:6
702.51	0.00	1.20	200.10	4.00	10.50	0.00	D12:0-18:2/D12:1-18:1/D14:0-16:2/D14:1-16:1/D14:2-16:0
702.45	0.00	1.24	132.72	3.95	11.35	0.00	A16:4-16:5/P14:3-18:5/P16:3-16:5/P16:4-16:4
580.38	0.00	0.00	35.51	1.55	0.19	0.00	A24:7/P24:6
580.43	0.00	0.00	34.77	1.52	0.19	0.00	D22:0
814.58	0.00	10.78	13.60	0.00	27.31	0.00	A14:2-26:7/A14:3-26:6/A16:2-24:7/A16:3-24:6/A16:4-24:5/A16:5-24:4/A18:2-22:7/A18:3-22:6/A18:4-22:5/A18:5-22:4/A20:3-20:6/A20:4-20:5/P14:1-26:7/P14:2-26:6/P14:3-26:5/P16:1-24:7/P16:2-24:6/P16:3-24:5/P16:4-24:4/P16:5-24:3/P18:1-22:7/P18:2-22:6/P18:3-22:5/P1
846.64	0.00	0.01	3.24	0.00	0.26	0.02	A16:0-26:7/A16:1-26:6/A16:2-26:5/A16:3-26:4/A16:4-26:3/A16:5-26:2/A18:0-24:7/A18:1-24:6/A18:2-24:5/A18:3-24:4/A18:4-24:3/A18:5-24:2/A20:0-22:7/A20:1-22:6/A20:2-22:5/A20:3-22:4/A20:4-22:3/A20:5-22:2/A20:6-22:1/P16:0-26:6/P16:1-26:5/P16:2-26:4/P16:3-26:3/P1
846.70	0.00	0.01	3.18	0.00	0.26	0.03	D14:0-26:0/D16:0-24:0/D18:0-22:0/D20:0-20:0
724.49	0.00	0.00	2.95	0.00	0.10	0.00	D12:0-20:5/D12:1-20:4/D14:0-18:5/D14:1-18:4/D14:2-18:3/D14:3-18:2/D16:0-16:5/D16:1-16:4/D16:2-16:3
976.77	0.00	0.01	2.91	0.06	0.15	0.00	D24:0-26:5/D24:1-26:4/D24:2-26:3/D24:3-26:2/D24:4-26:1/D24:5-26:0
644.43	0.00	0.01	2.71	0.01	0.08	0.00	D12:0-14:3/D12:1-14:2
710.51	0.00	0.01	2.61	0.02	0.05	0.00	A12:0-20:5/A12:1-20:4/A14:0-18:5/A14:1-18:4/A14:2-18:3/A14:3-18:2/A16:0-16:5/A16:1-16:4/A16:2-16:3/P12:0-20:4/P12:1-20:3/P14:0-18:4/P14:1-18:3/P14:2-18:2/P14:3-18:1/P16:0-16:4/P16:1-16:3/P16:2-16:2
700.43	0.00	0.00	2.51	0.02	0.13	0.00	A16:5-16:5/P16:4-16:5
622.52	0.00	0.00	2.48	0.01	0.00	0.00	A26:0
712.53	0.00	0.00	2.43	0.04	0.33	0.00	A12:0-20:4/A12:1-20:3/A14:0-18:4/A14:1-18:3/A14:2-18:2/A14:3-18:1/A16:0-16:4/A16:1-16:3/A16:2-16:2/P12:0-20:3/P12:1-20:2/P14:0-18:3/P14:1-18:2/P14:2-18:1/P14:3-18:0/P16:0-16:3/P16:1-16:2
540.31	0.00	0.01	2.38	0.00	0.00	0.00	D20:6
666.41	0.00	0.00	2.30	0.01	0.00	0.00	D12:1-16:5/D14:3-14:3
526.33	0.00	0.00	2.23	0.03	0.17	0.00	A20:6/P20:5
826.54	0.00	0.00	2.19	0.01	0.00	0.00	D14:3-26:7/D16:3-24:7/D16:4-24:6/D16:5-24:5/D18:3-22:7/D18:4-22:6/D18:5-22:5/D20:4-20:6/D20:5-20:5
558.39	0.00	0.00	2.18	0.00	0.12	0.00	A22:4/P22:3
764.56	0.00	0.00	2.16	0.16	0.00	0.00	A12:0-24:6/A12:1-24:5/A14:0-22:6/A14:1-22:5/A14:2-22:4/A14:3-22:3/A16:0-20:6/A16:1-20:5/A16:2-20:4/A16:3-20:3/A16:4-20:2/A16:5-20:1/A18:1-18:5/A18:2-18:4/A18:3-18:3/P12:0-24:5/P12:1-24:4/P14:0-22:5/P14:1-22:4/P14:2-22:3/P14:3-22:2/P16:0-20:5/P16:1-20:4/P1
498.30	0.00	0.00	2.07	0.00	0.00	0.00	P18:5
804.68	0.00	0.00	2.00	0.00	0.03	0.01	A12:0-26:0/A14:0-24:0/A16:0-22:0/A18:0-20:0
916.68	0.00	0.00	1.98	0.09	0.23	0.00	D20:0-26:7/D20:1-26:6/D20:2-26:5/D20:3-26:4/D20:4-26:3/D20:5-26:2/D20:6-26:1/D22:0-24:7/D22:1-24:6/D22:2-24:5/D22:3-24:4/D22:4-24:3/D22:5-24:2/D22:6-24:1/D22:7-24:0
916.62	0.00	0.00	1.97	0.05	0.22	0.00	A22:7-26:7/A24:7-24:7/P22:6-26:7/P22:7-26:6/P24:6-24:7
880.72	0.00	0.01	1.88	0.02	0.14	0.00	A18:0-26:4/A18:1-26:3/A18:2-26:2/A18:3-26:1/A18:4-26:0/A20:0-24:4/A20:1-24:3/A20:2-24:2/A20:3-24:1/A20:4-24:0/A22:0-22:4/A22:1-22:3/A22:2-22:2/P18:0-26:3/P18:1-26:2/P18:2-26:1/P18:3-26:0/P20:0-24:3/P20:1-24:2/P20:2-24:1/P20:3-24:0/P22:0-22:3/P22:1-22:2
904.72	0.00	0.00	1.83	0.00	0.03	0.00	A20:0-26:6/A20:1-26:5/A20:2-26:4/A20:3-26:3/A20:4-26:2/A20:5-26:1/A20:6-26:0/A22:0-24:6/A22:1-24:5/A22:2-24:4/A22:3-24:3/A22:4-24:2/A22:5-24:1/A22:6-24:0/P20:0-26:5/P20:1-26:4/P20:2-26:3/P20:3-26:2/P20:4-26:1/P20:5-26:0/P22:0-24:5/P22:1-24:4/P22:2-24:3/P2
698.42	0.00	0.00	1.82	0.00	0.17	0.00	P16:5-16:5
844.62	0.00	0.01	1.71	0.03	0.13	0.00	A16:1-26:7/A16:2-26:6/A16:3-26:5/A16:4-26:4/A16:5-26:3/A18:1-24:7/A18:2-24:6/A18:3-24:5/A18:4-24:4/A18:5-24:3/A20:1-22:7/A20:2-22:6/A20:3-22:5/A20:4-22:4/A20:5-22:3/A20:6-22:2/P16:0-26:7/P16:1-26:6/P16:2-26:5/P16:3-26:4/P16:4-26:3/P16:5-26:2/P18:0-24:7/P1
738.54	0.00	0.01	1.69	0.07	1.33	0.00	A12:0-22:5/A12:1-22:4/A14:0-20:5/A14:1-20:4/A14:2-20:3/A14:3-20:2/A16:0-18:5/A16:1-18:4/A16:2-18:3/A16:3-18:2/A16:4-18:1/A16:5-18:0/P12:0-22:4/P12:1-22:3/P14:0-20:4/P14:1-20:3/P14:2-20:2/P14:3-20:1/P16:0-18:4/P16:1-18:3/P16:2-18:2/P16:3-18:1/P16:4-18:0
692.43	0.00	0.01	1.56	0.83	0.05	0.00	D14:2-16:5/D14:3-16:4
576.40	0.00	0.00	1.54	0.01	0.09	0.00	D22:2
826.67	0.00	0.00	1.51	0.00	0.00	0.00	A14:0-26:3/A14:1-26:2/A14:2-26:1/A14:3-26:0/A16:0-24:3/A16:1-24:2/A16:2-24:1/A16:3-24:0/A18:0-22:3/A18:1-22:2/A18:2-22:1/A18:3-22:0/A20:0-20:3/A20:1-20:2/P14:0-26:2/P14:1-26:1/P14:2-26:0/P16:0-24:2/P16:1-24:1/P16:2-24:0/P18:0-22:2/P18:1-22:1/P18:2-22:0/P2

952.72	0.00	0.00	1.51	0.03	0.15	0.00	A24:3-26:7/A24:4-26:6/A24:5-26:5/A24:6-26:4/A24:7-26:3/P24:2-26:7/P24:3-26:6/P24:4-26:5/P24:5-26:4/P24:6-26:3/P24:7-26:2
860.56	0.00	0.30	1.49	0.05	0.03	0.00	A22:7-22:7/P20:6-24:7/P22:6-22:7
502.33	0.00	0.00	1.49	0.02	0.00	0.00	A18:4/P18:3
952.77	0.00	0.00	1.48	0.04	4.83	0.00	D22:0-26:3/D22:1-26:2/D22:2-26:1/D22:3-26:0/D24:0-24:3/D24:1-24:2
974.76	0.00	0.01	1.47	0.05	0.02	0.00	D24:0-26:6/D24:1-26:5/D24:2-26:4/D24:3-26:3/D24:4-26:2/D24:5-26:1/D24:6-26:0
860.62	0.00	0.29	1.47	0.05	0.03	0.00	D16:0-26:7/D16:1-26:6/D16:2-26:5/D16:3-26:4/D16:4-26:3/D16:5-26:2/D18:0-24:7/D18:1-24:6/D18:2-24:5/D18:3-24:4/D18:4-24:3/D18:5-24:2/D20:0-22:7/D20:1-22:6/D20:2-22:5/D20:3-22:4/D20:4-22:3/D20:5-22:2/D20:6-22:1
854.57	0.00	0.00	1.44	0.00	0.22	0.00	D16:3-26:7/D16:4-26:6/D16:5-26:5/D18:3-24:7/D18:4-24:6/D18:5-24:5/D20:3-22:7/D20:4-22:6/D20:5-22:5/D20:6-22:4
854.70	0.00	0.00	1.44	0.00	0.22	0.00	A16:0-26:3/A16:1-26:2/A16:2-26:1/A16:3-26:0/A18:0-24:3/A18:1-24:2/A18:2-24:1/A18:3-24:0/A20:0-22:3/A20:1-22:2/A20:2-22:1/A20:3-22:0/P16:0-26:2/P16:1-26:1/P16:2-26:0/P18:0-24:2/P18:1-24:1/P18:2-24:0/P20:0-22:2/P20:1-22:1/P20:2-22:0
824.52	0.00	0.01	1.43	0.02	0.11	0.00	D16:4-24:7/D16:5-24:6/D18:4-22:7/D18:5-22:6/D20:5-20:6
974.70	0.00	0.01	1.41	0.05	0.02	0.00	A26:6-26:7/P26:5-26:7/P26:6-26:6
962.66	0.00	0.00	1.39	0.03	0.01	0.00	D24:5-26:7/D24:6-26:6/D24:7-26:5
844.68	0.00	0.01	1.38	0.03	0.09	0.00	D14:0-26:1/D14:1-26:0/D16:0-24:1/D16:1-24:0/D18:0-22:1/D18:1-22:0/D20:0-20:1
628.43	0.00	0.42	1.37	0.02	0.00	0.00	A12:1-14:3/P12:0-14:3/P12:1-14:2
628.43	0.00	0.42	1.37	0.02	0.00	0.00	A12:1-14:3/P12:0-14:3/P12:1-14:2
822.51	0.00	0.00	1.34	0.06	0.08	0.00	D16:5-24:7/D18:5-22:7/D20:6-20:6
956.80	0.00	0.00	1.34	0.03	0.08	0.00	D22:0-26:1/D22:1-26:0/D24:0-24:1
648.46	0.00	2.32	1.31	0.03	0.02	0.00	D12:0-14:1/D12:1-14:0
776.52	0.00	0.00	1.29	0.03	0.20	0.00	D12:0-24:7/D12:1-24:6/D14:0-22:7/D14:1-22:6/D14:2-22:5/D14:3-22:4/D16:1-20:6/D16:2-20:5/D16:3-20:4/D16:4-20:3/D16:5-20:2/D18:2-18:5/D18:3-18:4
694.44	0.00	0.00	1.28	0.02	0.08	0.00	D12:1-18:5/D14:1-16:5/D14:2-16:4/D14:3-16:3
804.55	0.00	0.00	1.27	0.00	0.00	0.00	D12:0-26:7/D12:1-26:6/D14:0-24:7/D14:1-24:6/D14:2-24:5/D14:3-24:4/D16:0-22:7/D16:1-22:6/D16:2-22:5/D16:3-22:4/D16:4-22:3/D16:5-22:2/D18:1-20:6/D18:2-20:5/D18:3-20:4/D18:4-20:3/D18:5-20:2
936.78	0.00	0.01	1.24	0.00	0.19	0.00	A22:0-26:4/A22:1-26:3/A22:2-26:2/A22:3-26:1/A22:4-26:0/A24:0-24:4/A24:1-24:3/A24:2-24:2/P22:0-26:3/P22:1-26:2/P22:2-26:1/P22:3-26:0/P24:0-24:3/P24:1-24:2
936.65	0.00	0.01	1.24	0.00	0.19	0.00	D22:4-26:7/D22:5-26:6/D22:6-26:5/D22:7-26:4/D24:4-24:7/D24:5-24:6
822.64	0.00	0.00	1.22	0.06	0.07	0.00	A14:0-26:5/A14:1-26:4/A14:2-26:3/A14:3-26:2/A16:0-24:5/A16:1-24:4/A16:2-24:3/A16:3-24:2/A16:4-24:1/A16:5-24:0/A18:0-22:5/A18:1-22:4/A18:2-22:3/A18:3-22:2/A18:4-22:1/A18:5-22:0/A20:0-20:5/A20:1-20:4/A20:2-20:3/P14:0-26:4/P14:1-26:3/P14:2-26:2/P14:3-26:1/P1
612.44	0.00	0.01	1.17	0.02	0.03	0.00	A26:5/P26:4
906.60	0.00	0.01	1.14	0.01	0.05	0.00	D20:5-26:7/D20:6-26:6/D22:5-24:7/D22:6-24:6/D22:7-24:5
926.76	0.00	0.01	1.12	0.03	0.00	0.00	D20:0-26:2/D20:1-26:1/D20:2-26:0/D22:0-24:2/D22:1-24:1/D22:2-24:0
852.68	0.00	0.00	1.11	0.05	0.07	0.00	A16:0-26:4/A16:1-26:3/A16:2-26:2/A16:3-26:1/A16:4-26:0/A18:0-24:4/A18:1-24:3/A18:2-24:2/A18:3-24:1/A18:4-24:0/A20:0-22:4/A20:1-22:3/A20:2-22:2/A20:3-22:1/A20:4-22:0/P16:0-26:3/P16:1-26:2/P16:2-26:1/P16:3-26:0/P18:0-24:3/P18:1-24:2/P18:2-24:1/P18:3-24:0/P2
674.42	0.00	0.00	1.10	0.03	0.08	0.01	P14:3-16:5
934.63	0.00	0.00	1.10	0.00	0.21	0.00	D22:5-26:7/D22:6-26:6/D22:7-26:5/D24:5-24:7/D24:6-24:6
818.61	0.00	0.41	1.07	2.51	0.00	0.00	A14:0-26:7/A14:1-26:6/A14:2-26:5/A14:3-26:4/A16:0-24:7/A16:1-24:6/A16:2-24:5/A16:3-24:4/A16:4-24:3/A16:5-24:2/A18:0-22:7/A18:1-22:6/A18:2-22:5/A18:3-22:4/A18:4-22:3/A18:5-22:2/A20:1-20:6/A20:2-20:5/A20:3-20:4/P14:0-26:6/P14:1-26:5/P14:2-26:4/P14:3-26:3/P1
926.70	0.00	0.01	1.06	0.07	0.00	0.00	A22:2-26:7/A22:3-26:6/A22:4-26:5/A22:5-26:4/A22:6-26:3/A22:7-26:2/A24:2-24:7/A24:3-24:6/A24:4-24:5/P22:1-26:7/P22:2-26:6/P22:3-26:5/P22:4-26:4/P22:5-26:3/P22:6-26:2/P22:7-26:1/P24:1-24:7/P24:2-24:6/P24:3-24:5/P24:4-24:4
506.36	0.00	0.01	1.06	0.02	0.20	0.00	A18:2/P18:1
840.59	0.00	0.00	1.05	0.00	0.09	0.00	A16:3-26:7/A16:4-26:6/A16:5-26:5/A18:3-24:7/A18:4-24:6/A18:5-24:5/A20:3-22:7/A20:4-22:6/A20:5-22:5/A20:6-22:4/P16:2-26:7/P16:3-26:6/P16:4-26:5/P16:5-26:4/P18:2-24:7/P18:3-24:6/P18:4-24:5/P18:5-24:4/P20:2-22:7/P20:3-22:6/P20:4-22:5/P20:5-22:4/P20:6-22:3
878.70	0.00	0.01	1.05	0.03	0.15	0.00	A18:0-26:5/A18:1-26:4/A18:2-26:3/A18:3-26:2/A18:4-26:1/A18:5-26:0/A20:0-24:5/A20:1-24:4/A20:2-24:3/A20:3-24:2/A20:4-24:1/A20:5-24:0/A22:0-22:5/A22:1-22:4/A22:2-22:3/P18:0-26:4/P18:1-26:3/P18:2-26:2/P18:3-26:1/P18:4-26:0/P20:0-24:4/P20:1-24:3/P20:2-24:2/P2
840.65	0.00	0.00	1.05	0.00	0.09	0.00	D14:0-26:3/D14:1-26:2/D14:2-26:1/D14:3-26:0/D16:0-24:3/D16:1-24:2/D16:2-24:1/D16:3-24:0/D18:0-22:3/D18:1-22:2/D18:2-22:1/D18:3-22:0/D20:0-20:3/D20:1-20:2
828.68	0.00	0.01	0.99	0.04	0.14	0.00	A14:0-26:2/A14:1-26:1/A14:2-26:0/A16:0-24:2/A16:1-24:1/A16:2-24:0/A18:0-22:2/A18:1-22:1/A18:2-22:0/A20:0-20:2/A20:1-20:1/P14:0-26:1/P14:1-26:0/P16:0-24:1/P16:1-24:0/P18:0-22:1/P18:1-22:0/P20:0-20:1
634.48	0.00	0.01	0.92	0.01	0.03	0.00	A12:0-14:1/A12:1-14:0/P12:0-14:0
634.48	0.00	0.01	0.92	0.01	0.03	0.00	A12:0-14:1/A12:1-14:0/P12:0-14:0
912.65	0.00	0.00	0.92	0.01	0.00	0.00	D20:2-26:7/D20:3-26:6/D20:4-26:5/D20:5-26:4/D20:6-26:3/D22:2-24:7/D22:3-24:6/D22:4-24:5/D22:5-24:4/D22:6-24:3/D22:7-24:2
912.78	0.00	0.01	0.92	0.00	0.00	0.00	A20:0-26:2/A20:1-26:1/A20:2-26:0/A22:0-24:2/A22:1-24:1/A22:2-24:0/P20:0-26:1/P20:1-26:0/P22:0-24:1/P22:1-24:0
684.50	0.00	0.00	0.84	0.02	0.09	0.00	A12:0-18:4/A12:1-18:3/A14:0-16:4/A14:1-16:3/A14:2-16:2/A14:3-16:1/P12:0-18:3/P12:1-18:2/P14:0-16:3/P14:1-16:2/P14:2-16:1/P14:3-16:0
594.36	0.00	0.00	0.84	0.00	0.00	0.00	D24:7
960.65	0.00	0.01	0.80	0.03	0.08	0.00	D24:6-26:7/D24:7-26:6
620.43	0.00	0.01	0.78	0.02	0.13	0.01	D12:0-12:1
894.64	0.00	0.00	0.77	0.03	0.26	0.00	A20:4-26:7/A20:5-26:6/A20:6-26:5/A22:4-24:7/A22:5-24:6/A22:6-24:5/A22:7-24:4/P20:3-26:7/P20:4-26:6/P20:5-26:5/P20:6-26:4/P22:3-24:7/P22:4-24:6/P22:5-24:5/P22:6-24:4/P22:7-24:3
882.73	0.00	0.00	0.77	0.07	0.21	0.00	A18:0-26:3/A18:1-26:2/A18:2-26:1/A18:3-26:0/A20:0-24:3/A20:1-24:2/A20:2-24:1/A20:3-24:0/A22:0-22:3/A22:1-22:2/P18:0-26:2/P18:1-26:1/P18:2-26:0/P20:0-24:2/P20:1-24:1/P20:2-24:0/P22:0-22:2/P22:1-22:1
594.49	0.00	0.00	0.74	0.00	0.06	0.00	A24:0
650.48	0.00	0.00	0.74	0.02	0.00	0.00	D12:0-14:0
650.42	0.00	0.00	0.73	0.02	0.70	0.00	P12:1-16:5/P14:3-14:3
852.55	0.00	0.00	0.70	0.04	0.06	0.00	D16:4-26:7/D16:5-26:6/D18:4-24:7/D18:5-24:6/D20:4-22:7/D20:5-22:6/D20:6-22:5
532.38	0.00	0.01	0.69	0.04	0.15	0.00	A20:3/P20:2
820.62	0.00	0.30	0.64	0.00	0.00	0.00	A14:0-26:6/A14:1-26:5/A14:2-26:4/A14:3-26:3/A16:0-24:6/A16:1-24:5/A16:2-24:4/A16:3-24:3/A16:4-24:2/A16:5-24:1/A18:0-22:6/A18:1-22:5/A18:2-22:4/A18:3-22:3/A18:4-22:2/A18:5-22:1/A20:0-20:6/A20:1-20:5/A20:2-20:4/A20:3-20:3/& Others
964.68	0.00	0.00	0.63	0.00	0.25	0.00	D24:4-26:7/D24:5-26:6/D24:6-26:5/D24:7-26:4
860.75	0.00	0.40	0.45	0.05	0.09	0.00	A16:0-26:0/A18:0-24:0/A20:0-22:0
674.48	0.00	0.00	0.16	0.02	0.07	0.01	D12:0-16:2/D12:1-16:1/D14:0-14:2/D14:1-14:1
620.50	0.00	0.00	0.15	0.02	0.13	0.01	A26:1/P26:0
800.65	0.00	0.00	0.09	0.02	0.17	0.00	A12:0-26:2/A12:1-26:1/A14:0-24:2/A14:1-24:1/A14:2-24:0/A16:0-22:2/A16:1-22:1/A16:2-22:0/A18:0-20:2/A18:1-20:1/A18:2-20:0/P12:0-26:1/P12:1-26:0/P14:0-24:1/P14:1-24:0/P16:0-22:1/P16:1-22:0/P18:0-20:1/P18:1-20:0
708.50	0.00	0.00	0.06	0.03	0.00	0.00	A12:0-20:6/A12:1-20:5/A14:1-18:5/A14:2-18:4/A14:3-18:3/A16:1-16:5/A16:2-16:4/A16:3-16:3/P12:0-20:5/P12:1-20:4/P14:0-18:5/P14:1-18:4/P14:2-18:3/P14:3-18:2/P16:0-16:5/P16:1-16:4/P16:2-16:3
968.84	0.00	0.00	0.02	0.06	0.34	0.00	A24:0-26:2/A24:1-26:1/A24:2-26:0/P24:0-26:1/P24:1-26:0
818.66	0.00	0.42	0.00	2.46	0.00	0.00	D12:0-26:0/D14:0-24:0/D16:0-22:0/D18:0-20:0
692.56	0.00	0.01	0.00	0.89	0.06	0.00	A12:0-18:0/A14:0-16:0
996.74	0.00	0.00	0.00	0.08	0.01	0.00	D26:2-26:7/D26:3-26:6/D26:4-26:5
882.60	0.00	0.00	0.00	0.07	0.23	0.00	D18:3-26:7/D18:4-26:6/D18:5-26:5/D20:3-24:7/D20:4-24:6/D20:5-24:5/D20:6-24:4/D22:3-22:7/D22:4-22:6/D22:5-22:5
996.87	0.00	0.01	0.00	0.05	0.08	0.00	A26:0-26:2/A26:1-26:1/P26:0-26:1
466.29	0.00	0.01	0.00	0.03	0.00	0.00	D14:1
830.70	0.00	0.09	0.00	0.03	0.04	0.00	A14:0-26:1/A14:1-26:0/A16:0-24:1/A16:1-24:0/A18:0-22:1/A18:1-22:0/A20:0-20:1/P14:0-26:0/P16:0-24:0/P18:0-22:0/P20:0-20:0
960.78	0.00	0.01	0.00	0.03	0.09	0.00	A24:0-26:6/A24:1-26:5/A24:2-26:4/A24:3-26:3/A24:4-26:2/A24:5-26:1/A24:6-26:0/P24:0-26:5/P24:1-26:4/P24:2-26:3/P24:3-26:2/P24:4-26:1/P24:5-26:0
874.54	0.00	0.00	0.00	0.03	4.89	0.00	D22:7-22:7
874.67	0.00	0.00	0.00	0.03	3.92	0.00	A18:0-26:7/A18:1-26:6/A18:2-26:5/A18:3-26:4/A18:4-26:3/A18:5-26:2/A20:0-24:7/A20:1-24:6/A20:2-24:5/A20:3-24:4/A20:4-24:3/A20:5-24:2/A20:6-24:1/& Others
874.73	0.00	0.00	0.00	0.03	3.84	0.00	D16:0-26:0/D18:0-24:0/D20:0-22:0
998.89	0.00	0.00	0.00	0.02	0.04	0.00	A26:0-26:1/P26:0-26:0
890.61	0.00	0.01	0.00	0.02	0.01	0.00	A20:6-26:7/A22:6-24:7/A22:7-24:6/P20:5-26:7/P20:6-26:6/P22:5-24:7/P22:6-24:6/P22:7-24:5
798.51	0.00	0.00	0.00	0.02	5.77	0.40	D14:3-24:7/D16:3-22:7/D16:4-22:6/D16:5-22:5/D18:4-20:6/D18:5-20:5
604.43	0.00	0.00	0.00	0.02	0.11	0.00	A12:1-12:1/P12:0-12:1
604.43	0.00	0.00	0.00	0.02	0.11	0.00	A12:1-12:1/P12:0-12:1
704.47	0.00	58.36	0.00	0.00	84.29	0.00	A14:3-18:5/A16:3-16:5/A16:4-16:4/P12:1-20:6/P14:2-18:5/P14:3-18:4/P16:2-16:5/P16:3-16:4
704.52	0.00	57.73	0.00	0.00	91.91	0.00	D12:0-18:1/D12:1-18:0/D14:0-16:1/D14:1-16:0
790.58	0.00	0.90	0.00	0.00	1.81	0.00	A12:0-26:7/A12:1-26:6/A14:0-24:7/A14:1-24:6/A14:2-24:5/A14:3-24:4/A16:0-22:7/A16:1-22:6/A16:2-22:5/A16:3-22:4/A16:4-22:3/A16:5-22:2/A18:1-20:6/A18:2-20:5/A18:3-20:4/A18:4-20:3/& Others
714.54	0.00	0.11	0.00	0.00	24.80	0.00	A12:0-20:3/A12:1-20:2/A14:0-18:3/A14:1-18:2/A14:2-18:1/A14:3-18:0/A16:0-16:3/A16:1-16:2/P12:0-20:2/P12:1-20:1/P14:0-18:2/P14:1-18:1/P14:2-18:0/P16:0-16:2/P16:1-16:1
970.73	0.00	0.00	0.00	0.00	0.08	0.00	D24:1-26:7/D24:2-26:6/D24:3-26:5/D24:4-26:4/D24:5-26:3/D24:6-26:2/D24:7-26:1
970.67	0.00	0.00	0.00	0.00	0.08	0.00	P26:7-26:7
690.54	0.00	0.00	0.00	0.00	0.18	0.00	A12:0-18:1/A12:1-18:0/A14:0-16:1/A14:1-16:0/P12:0-18:0/P14:0-16:0
1000.77	0.00	0.00	0.00	0.00	0.00	0.00	D26:0-26:7/D26:1-26:6/D26:2-26:5/D26:3-26:4
1000.90	0.00	0.00	0.00	0.00	0.00	0.00	A26:0-26:0
1002.79	0.00	0.00	0.00	0.00	0.00	0.00	D26:0-26:6/D26:1-26:5/D26:2-26:4/D26:3-26:3
1004.80	0.00	0.00	0.00	0.00	0.00	0.00	D26:0-26:5/D26:1-26:4/D26:2-26:3
1006.82	0.00	0.00	0.00	0.00	0.00	0.00	D26:0-26:4/D26:1-26:3/D26:2-26:2
1008.84	0.00	0.00	0.00	0.00	0.00	0.00	D26:0-26:3/D26:1-26:2
1010.85	0.00	0.00	0.00	0.00	0.00	0.00	D26:0-26:2/D26:1-26:1
1012.87	0.00	0.00	0.00	0.00	0.00	0.00	D26:0-26:1
1014.88	0.00	0.00	0.00	0.00	0.00	0.00	D26:0-26:0

Quantitation results of phosphatidylcholine (PC) profiling by precursor ion scan for product ion of 184 (PIS184) in control cornea and cornea exposed to sodium hydroxide. Experiments were conducted by infusion on an Agilent 6410 triple quadrupole fitted with a ESI source operated at 350ºC with nitrogen as nebulizing gas (at a flow rate of 6L/min) and a spray voltage of 3500V. An internal standard D12:0-13:0 was spiked in at 1.6 pmol/µL concentration and a ratiometric comparison was made. The PCs were one-step identified (and quantitated) by searching with "AMDMS-SL" (a freely available software) and a theoretical database as described in a published report [Yang et al. (2009)]. The results presented here represent the preliminary identification based only on PIS184.