

Table S2. Abundance (10^6) of annotated discriminant lipids measured in breast milk at week 2 (W2), W3, W4 of lactation provided to preterm infants with fast or slow growth.

Lipids	mz	Week 2		Week 3		Week 4		Week 2 through eek 4	
		Slow growth (n=11)	Fast growth (n= 8)	Slow growth (n=14)	Fast growth (n=10)	Slow growth (n=13)	Fast growth (n= 11)	Slow growth (n=38)	Fast growth (n=29)
Fatty acid		9.16 [8.56-10.86]	7.20 [2.35-12.50]	8.96 [6.88-15.82]	8.25 [5.85-10.81]	10.44 [6.49-13.25]	10.54 [5.27-17.66]	9.47 [7.40-12.84]	8.39 [5.53-13.00]
Anandamide (C18:3, n-6)	339,2889 [M+NH ₄] ⁺	8.32 [7.67-10.68]	6.48 [2.21-11.92]	8.45 [6.07-14.75]	7.37 [5.62-9.62]	9.89 [6.10-12.49]	9.61 [4.71-15.74]	8.80 [7.02-11.77]	7.43 [5.11-11.47]
C16:0	353,2679 [M+Na] ⁺	0.68 [0.41-1.17]	0.49 [0.26-0.92]	0.51 [0.35-1.06]	0.68 [0.26-1.68]	0.60 [0.45-0.88]	0.89 [0.63-2.53] ^a	0.64 [0.39-10.27]	0.76 [0.35-1.47]
3-Hydroxyadipic acid	161.0455[M-H] ⁻	17.68 [10.61-19.20]	12.16 [2.82-13.60] ^b	17.45 [14.15-23.01]	8.95 [1.53-18.25] ^a	15.66 [15.01-24.79]	11.85 [8.57-15.69] ^a	17.17 [14.02-20.25]	11.85 [5.68-15.09] ^c
N-formylmaleamic acid	142.0203[M-H] ⁻	1.01 [0.73-1.37]	0.66 [0.55-0.98]	1.39 [0.85-1.66]	0.81 [0.58-0.99] ^a	1.36 [0.89-1.72]	0.77 [0.58-1.03] ^b	1.26 [0.84-1.64]	0.73 [0.59-0.97] ^c
Dodecatetraenedioi c acid	221.0667 [M-H] ⁻	0.72 [0.49-0.79]	0.55 [0.38-0.60] ^f	0.82 [0.59-1.13]	0.59 [0.29-0.83] ^f	0.77 [0.64-1.14]	0.77 [0.64-1.14] ^f	0.77 [0.53-0.88]	0.55 [0.34-0.73] ^b
<i>Linderic acid</i>	187.1340 [M-H] ⁻	0.58 [0.37-1.55]	0.73[0.27-2.54]	0.50 [0.34-1.58]	0.69 [0.45-1.59]	0.49 [0.38-0.84]	0.82 [0.43-2.37]	0.52 [0.38-1.43]	0.76 [0.42-1.80]
<i>alpha-hydroxy lauric acid</i>	215.1653 [M-H] ⁻	3.81 [2.12-9.11]	4.53 [2.67-11.64]	4.49 [2.14-11.64]	4.53 [2.69-11.64]	3.70 [2.47-6.64]	5.19 [2.37-14.68]	4.06 [2.39-8.23]	5.08 [2.51-13.03]
2-hydroxy palmitic acid	271.2281 [M-H] ⁻	40.03 [22.51-46.34]	35.99 [27.78-50.95]	40.70 [24.53-67.66]	36.62 [31.35-78.37]	35.67 [22.19-47.58]	37.44 [30.01-48.14]	38.63 [22.48-48.63]	37.44 [29.98-50.32]
3-oxo-4-pentenoic acid	113.0243 [M-H] ⁻	1.48 [0.90-1.57]	0.98 [0.71-1.09]	1.42 [1.19-1.89]	1.08 [0.54-1.43] ^t	1.43 [1.27-1.95]	0.94 [0.73-1.24] ^b	1.43 [1.18-1.71]	0.94 [0.69-1.28] ^c
Dehydrocholic acid	401.2312 [M-H] ⁻	0.38 [0.27-0.68]	0.48 [0.30-1.16]	0.51 [0.19-0.85]	0.73 [0.28-0.97]	0.36 [0.16-0.59]	0.52 [0.38-1.03]	0.43 [0.21-0.73]	0.52 [0.33-0.97]
<i>7R,9,14R-trimethyl- 2E,4E,8E,10E- hexadecatetraenoic acid</i>	289.2169 [M-H] ⁻	0.27 [0.11-0.71]	0.21 [0.12-0.55]	0.26 [0.09-0.45]	0.28 [0.13-0.36]	0.18 [0.08-0.32]	0.42 [0.15-1.41] ^a	0.19 [0.10-0.48]	0.27 [0.14-0.46]
Ceramides		15.15 [12.83-18.17]	21.03 [16.42-23.55] ^f	15.65 [12.95-20.65]	19.41 [17.36-24.15] ^a	16.51 [13.07-19.16]	21.76 [18.29-25.19] ^a	15.56 [12.98-18.63]	20.27 [17.34-23.79] ^c
Cer(18:1/22:0)	622,6123 [M+H]⁺ 604,6017 [M+H-H ₂ O] ⁺ ; 644,5491 [M+Na] ⁺	1.01 [0.89-1.28]	1.22 [1.09-1.63]	0.99 [0.88-1.34]	1.41 [1.21-1.70] ^f	1.36 [0.88-1.47]	1.40 [1.18-1.75]	1.03 [0.89-1.38]	1.36 [1.14-1.69] ^b
Cer(d18:1/24:0)	632,6326 [M-H₂O]⁺ 650,643[M+H] ⁺	14.20 [11.80-17.15]	19.81 [15.40-21.58] ^a	14.60 [12.07-19.65]	18.16 [16.10-22.41] ^a	15.14 [12.21-17.69]	20.01 [16.92-23.89] ^a	14.59 [12.11-17.50]	18.78 [16.21-22.15] ^c
GlucosylCeramide		498.9 [442.3-610.2]	529.3 [475.1-560.2]	499.5 [486.8-571.8]	527.8 [503.3-570.5]	533.7 [508.4-588.3]	496.9 [471.5-533.6] ^f	511.4 [487.8-574.5]	519.5 [483.9-558.1]

Glucosylceramide (d18:2/14:0)	685,5361 [M+NH ₄] ⁺	19.82 [6.76-45.39]	25.05 [12.08-41.90]	31.87 [12.44-40.50]	29.16 [16.29-52.04]	38.66 [27.61-53.57]	23.71 [11.75-30.08] ^a	32.05 [13.43-46.52]	26.70 [13.73-41.90]
Galactosylceramide (d18:1/18:1)	743,614 [M+NH ₄] ⁺	322.4 [288.5-388.6]	341.6 [312.8-355.5]	315.3 [306.0-349.5]	342.0 [321.1-350.1]	330.6 [315.0-356.1]	3260 [305.8-348.9]	322.7 [309.6-355.8]	340.8 [316.5-348.9]
Galactosylceramide (d18:1/20:0)	773,652 [M+NH ₄] ⁺	32.72 [30216-35.24]	31.47 [29.73-34.96]	29.98 [28.97-33.85]	33.20 [30.58-33.99]	32.17 [30.15-34.23]	31.11 [28.03-33.13]	31.36 [29.58-33.78]	31.52 [30.08-33.87]
GlcCer(d18:1/16:0)	717,5892[M+NH ₄] ⁺	39.18 [32.19-48.53]	46.30 [33.69-49.24]	42.93 [35.61-48.98]	43.89 [39.17-48.53]	42.43 [38.55-48.47]	37.92 [34.60-44.25]	42.06 [34.50-48.39]	42.43 [35.90-48.07]
GlcCer (d18:1/18:0)	728.5481 [M+H] ⁺	2.65 [1.58-2.98]	1.20 [1.04-1.90] ^a	2.25 [1.27-2.80]	1.66 [1.16-1.92]	2.28 [1.63-2.72]	2.20 [1.78-2.47]	2.28 [1.54-2.87]	1.85 [1.18-2.24] ^b
Glucosylceramide (d18:1/20:0)	773,6614 [M+NH ₄] ⁺	21.74 [18.44-23.29]	18.17 [15.20-24.95]	19.99 [18.14-21.04]	18.90 [16.05-20.64]	20.92 [19.53-22.04]	19.70 [16.75-24.53]	20.89 [19.20-22.66]	19.24 [15.94-22.67]
<i>Glucosylceramide (d18:1/24:0)</i>	854,7266 [M+Na] ⁺	57.75 [53.51-65.40]	60.55 [56.26-64.81]	57.81 [54.84-63.46]	63.24 [60.37-70.26] ^f	59.04 [54.82-62.41]	62.37 [53.80-66.93]	57.94 [54.82-62.99]	62.46 [56.55-66.47] ^f
PC		393.0 [323.8-523.3]	461.9 [379.1-614.5]	377.1 [338.9-426.7]	453.3 [383.3-555.6]	329.2 [290.0-478.9]	449.3 [348.1-661.2] ^a	357.0 [315.6-456.2]	453.3 [370.1-568.0] ^b
<i>PC(18:0/18:1)</i>	788,5863 [M+H] ⁺	2.06 [1.35-2.86]	3.84 [3.20-4.65] ^b	2.96 [1.19-5.82]	4.47 [3.07-5.46]	3.75 [2.14-5.66]	3.64 [2.80-5.89]	2.59 [1.55-4.34]	4.16 [3.06-5.25] ^a
PC(14:0/16:0)	706,5391 [M+H] ⁺	2.52 [1.28-5.68]	1.76 [1.44-5.51]	1.67 [1.37-2.17]	1.80 [1.62-2.32]	1.10 [0.96-1.86]	2.41 [1.382-4.15] ^a	1.54 [1.09-2.63]	1.830 [1.47-3.3] ^f
PC(14:0/16:1)	704,5237 [M+H] ⁺	0.34 [0.13-0.59]	0.36 [0.17-0.51]	0.24 [0.09-0.33]	0.24 [0.17-0.38]	0.17 [0.09-0.25]	0.26 [0.10-0.79]	0.20 [0.09-0.40]	0.25 [0.13-0.50]
PC (20:0/20:2)	842,636 [M+H] ⁺	1.76 [1.44-2.65]	2.88 [1.93-4.21]	1.49 [1.11-2.30]	2.41 [1.68-3.12] ^f	1.26 [1.06-2.10]	1.95 [1.23-3.02]	1.49 [1.11-2.33]	2.33 [178-3.33] ^b
PC (16:1/18:1)	1620,1146 [M+HPO ₃ +2H] ⁺	1.11 [0.87-1.33]	1.04 [0.88-1.10]	1.04 [0.89-1.16]	1.08 [0.96-1.17]	1.08 [0.90-1.27]	0.93 [0.77-1.12]	1.06 [0.89-1.21]	1.03 [0.89-1.14]
PC(16:1/18:0)	1542,1426 [2M+Na] ⁺	13.34 [8.45-14.65]	10.95 [10.43-12.45]	11.59 [9.34-13.33]	11.25 [9.81-12.16]	10.02 [6.29-12.85]	9.60 [8.18-11.01]	11.759 [8.45-13.37]	10.58 [9.23-11.88]
	1512,1349 [2M+H] ⁺								
<i>PC(16:1/18:2)</i>		2.38 [1.74-3.32]	3.43 [1.95-3.68]	2.38 [1.98-2.99]	3.39 [1.87-3.91]	2.21 [1.64-2.72]	2.26 [1.69-3.57]	2.33 [1.70-2.96]	3.23 [1.762-3.79] ^f
	1576,2229 [2M+H] ⁺								
PC(18:0/18:1)		15.27 [6.44-30.47]	16.68 [6.17-20.95]	13.59 [7.79-24.17]	13.76 [7.38-32.15]	7.83 [4.56-16.82]	15.61 [8.11-70.28] ^f	12.09 [7.30-23.45]	16.68 [8.09-28.81]
<i>PC(18:1/18:1)</i>	1572,1908[2M+H] ⁺	104.6 [78.09-160.9]	130.4 [111.5-176.1]	103.7 [90.18-137.1]	126.7 [86.02-158.9]	94.63 [81.57-118.7]	124.4 [97.86-184.3] ^f	103.2 [84.86-131.5]	127.6 [99.45-164.00] ^a
PC(18:0/18:2)	786,5899 [M+H] ⁺	7.14 [6.50-11.42]	11.67 [8.34-27.59] ^f	7.00 [5.94-9.09]	10.68 [8.89-13.22] ^a	6.00 [5.28-9.09]	9.82 [7.09-13.12] ^f	7.02 [5.92-9.61]	10.60 [8.13-13.21] ^c
PC(16:0/20:3)	784,5833 [M+H] ⁺	56.16 [44.20-69.90]	77.29 [61.62-103.20]	56.41 [42.88-65.07]	69.42 [59.73-84.51] ^a	43.42 [40.94-63.31]	56.82 [44.20-77.38]	51.58 [41.81-65.60]	65.96 [52.12-85.89] ^b
PC(18:0/20:1)	816,6456 [M+H] ⁺	12.52 [8.16-19.72]	11.55 [6.59-24.14]	13.64 [9.66-18.97]	13.55 [8.42-19.84]	7.16 [5.81-17.89]	13.21 [9.41-24.84] ^a	11.92 [7.23-18.88]	12.22 [8.59-20.67]
PC(18 :0/20 :3)	812,6143 [M+H] ⁺	30.28 [21.05-55.08]	50.23 [40.70-71.27]	33.97 [27.33-41.64]	47.83 [43.47-55.78] ^b	26.02 [23.18-44.92]	45.77 [31.32-5395] ^a	30.80 [25.22-44.50]	46.59 [37.16-55.24] ^c
PC (18 :0/20 :5)	808,5806 [M+H] ⁺	87.25 [73.41-102.6]	80.89 [68.57-97.91]	95.20 [83.45-110.0]	95.30 [78.67-115.20]	88.18 [74.87-116.3]	108.1 [84.60-127.8]	93.34 [74.64-112.8]	94.55 [78.87-119.9]

PC(20:1/20:4)	836,6145 [M+H] ⁺	3.61 [3.05-6.59]	5.45 [4.25-7.58]	3.90 [3.27-4.33]	4.66 [3.45-5.26]	3.25 [2.55-4.50]	4.91 [2.93-6.59] ^a	3.72 [2.96-4.54]	4.88 [3.77-6.26] ^a
PC(18:0/22:6)	834,596 [M+H] ⁺	15.17 [8.69-19.00]	13.43 [8.09-17.20]	10.59 [8.45-14.18]	11.52 [9.79-18.00]	10.19 [8.34-13.47]	12.60 [10.08-26.61]	11.95 [8.65-15.21]	12.61 [10.11-17.45]
PC(20:3/22:6)	856,5807 [M+H] ⁺	5.39 [4.20-7.57]	6.49 [4.94-9.81]	5.78 [4.61-7.13]	6.45 [6.10-7.28]	4.74 [3.27-5.72]	6.12 [3.93-9.71] ^f	5.418 [3.95-6.97]	6.46 [5.06-7.62] ^a
PC(16:0/22:6)	806,5678 [M+H] ⁺	13.96 [12.04-21.19]	21.06 [15.53-37.69]	11.64 [9.48-16.10]	16.09 [12.84-22.20] ^f	8.14 [5.31-13.28]	14.73 [8.77-24.17] ^a	12.08 [7.25-16.08]	16.07 [12.04-24.40] ^a
PC-plasmalogen		9.02 [7.23-11.38]	8.69 [6.71-9.87]	8.89 [6.92-11.19]	8.47 [6.89-12.82]	6.52 [5.61-9.70]	9.74 [7.25-14.43] ^t	8.16 [6.53-10.52]	8.88 [6.97-12.23]
PC(P-18:0/18:0)	796,6199 [M+Na] ⁺	1.81 [1.18-3.17]	2.59 [2.02-3.09]	1.84 [1.69-2.18]	2.26 [1.82-3.98] ⁱ	1.26 [1.03-2.20]	2.07 [1.22-3.05]	1.72 [1.19-2.49]	2.32 [1.85-3.09] ^b
PC (P-16:0/18:2)	742,5723 [M+H] ⁺	2.81 [1.76-3.47]	1.28 [0.99-3.03]	2.29 [1.48-2.89]	1.45 [1.18-2.34]	1.70 [1.50-2.56]	1.92 [1.33-2.88]	2.18 [1.61-2.98]	1.59 [1.09-2.52] ^f
PC(O-16:0/18:1)	768,5514 [M+H] ⁺	4.26 [2.97-5.48]	3.96 [2.94-6.15]	4.21 [3.66-6.09]	4.82 [3.34-7.06]	3.81 [3.17-5.02]	5.62 [3.82-8.68]	4.11 [3.36-5.58]	4.82 [3.42-6.81]
PE		279.9 [232.1-317.5]	307.1 [277.6-370.8]	277.7 [252..8-310.9]	317.0 [266.5-354.8] ^f	280.1 [254.6-334.3]	341.5 [298.1-356.0] ^a	279.4 [253.2-317.5]	316.5 [283.1-356.3] ^b
PE(16:0/16:1)	690,5054 [M+H] ⁺	1.92 [1.62-2.26]	2.12 [1.91-2.74]	1.88 [1.58-2.31]	2.14 [1.81-2.54]	1.63 [1.51-1.95]	2.21 [1.94-2.32] ^a	1.79 [1.59-2.22]	2.15 [1.93-2.45] ^b
<i>PE(16:1/20:0)</i>	1492,1294 [2M+H] ⁺	6.83 [6.59-9.26]	8.84 [6.66-14.18]	7.21 [5.44-9.04]	8.38 [5.42-9.95]	6.19 [4.64-8.81]	8.58 [6.92-11.59] ^a	6.72 [5.45-8.88]	8.38 [6.85-10.43] ^a
<i>PE(16:0/20:2)</i>	1488,0975 [2M+H] ⁺	18.36 [16.48-27.41]	25.99 [14.77-32.73]	20.91 [19.82-27.79]	23.59 [17.24-32.51]	24.34 [18.70-27.94]	29.23 [26.18-36.13] ^a	21.16 [18.3-27.46]	27.62 [18.61-34.14] ^a
PE(16:0/20:2)	744,5519 [M+H] ⁺	138.0 [133.05-153.1]	149.4 [125.2-177.9]	141.2 [126.5-170.3]	165.4 [149.7-173.6]	150.0 [140.1-172.1]	176.2 [163.5-198.5] ^a	142.2 [132.7-168.4]	166.6 [151.1-179.3] ^a
<i>PE(16:0/20:4)</i>	779,5379 [M+Na] ⁺	0.65 [0.56-0.83]	0.94 [0.69-1.73] ^f	0.78 [0.52-0.91]	0.87 [0.69-1.12]	0.65 [0.57-0.91]	0.71 [0.57-0.96]	0.67 [0.57-0.87]	0.81 [0.61-1.19] ^a
PE(18:0/20:0)	776,60 [M+H] ⁺	2.19 [1.42-2.55]	1.54 [1.27-1.74]	1.58 [1.27-2.43]	1.54 [1.18-1.89]	1.62 [1.24-1.88]	1.52 [1.23-1.71]	1.68 [1.29-2.50]	1.52 [1.25-1.73] ^f
<i>PE(20:1/20:4)</i>	794,5676 [M+H] ⁺	8.00 [6.58-13.18]	9.89 [8.66-12.36]	7.43 [6.02-9.99]	9.50 [7.90-10.35]	6.21 [6.03-9.61]	8.75 [7.52-10.07]	7.45 [6.07-10.05]	9.41 [8.22-10.29] ^a
PE(18:0/20:4)	1536,0968 [2M+H] ⁺	5.11 [3.45-7.71]	9.09 [5.62-9.94]	5.25 [4.00-7.33]	8.02 [6.57-10.05]	3.62 [3.26-7.62] ^a	6.24 [4.38-7.67]	4.93 [3.62-7.23]	7.71 [5.28-9.57] ^b
PE(22:0/20:3)	826,6047 [M+H] ⁺	2.13 [1.53-2.33]	2.991 [2.02-3.48] ^f	2.30 [1.77-2.63]	2.67 [2.09-4.16]	1.99 [1.44-2.46]	2.45 [2.24-2.66] ^a	2.09 [1.53-2.61]	2.51 [2.18-3.48] ^b
PE(18:1/18:2)	1484,067 [2M+H] ⁺	2.17 [1.79-3.12]	2.22 [1.59-4.09]	3.05 [1.97-4.94]	2.99 [1.99-4.09]	2.87 [2.27-3.99]	3.69 [3.07-4.94]	2.79 [1.97-3.99]	3.14 [2.07-4.36]
PE(16:0/20:4)	740,5208 [M+H] ⁺	5.61 [4.84-9.54]	5.51 [4.04-8.64]	9.13 [7.26-10.81]	6.19 [5.31-10.04]	7.84 [6.34-9.05]	8.79 [6.66-10.69]	7.75 [5.31-9.68]	7.18 [5.44-9.98]
PE(18:2/18:2)	740,5213 [M+H] ⁺	5.67 [3.65-6.22]	6.66 [4.98-8.59]	4.74 [3.73-5.36]	6.68 [5.23-7.76] ^a	4.04 [3.43-5.18]	5.35 [3.93-6.59]	4.76 [3.58-5.70]	6.21 [4.92-7.41] ^b
PE(20:0/18:1)	774,599 [M+H] ⁺	8.82 [6.49-9.60]	11.28 [9.03-11.81] ^f	6.83 [5.73-8.44]	9.24 [8.29-14.44] ^a	5.86 [4.72-8.11]	7.61 [4.96-11.17]	6.92 [5.61-9.12]	9.24 [7.24-11.69] ^b
PE(18:0/20:4)	768,5495 [M+H] ⁺	13.47 [12.28-14.23]	14.52 [12.90-16.31]	13.53 [13.12-14.58]	13.86 [12.58-16.45]	13.51 [12.51-14.84]	14.26 [13.36-15.96]	13.52 [12.42-14.25]	14.14 [13.13-15.75] ^f
PE(20:4/20:0)	796,5836 [M+H] ⁺	8.55 [5.93-9.10]	10.45 [8.02-12.82]	5.66 [5.16-8.83]	8.63 [7.89-9.14]	5.33 [4.49-6.89]	6.87 [5.41-9.51] ^a	6.13 [4.98-8.72]	8.63 [6.81-10.52] ^b
PE(22:6/18:0)	792,5517 [M+H] ⁺	20.94 [16.36-26.54]	22.88 [21.36-29.70]	16.66 [12.80-22.70]	18.96 [14.89-21.86]	16.28 [9.65-18.76]	18.06 [13.80-29.99]	17.55 [12.31-22.26]	20.02 [15.51-25.01]
PE(20:3/22:6)	814,5336 [M+H] ⁺	3.03 [2.29-3.20]	3.44 [3.24-4.09] ^a	2.38 [2.08-3.05]	3.04 [2.59-3.59] ^f	2.10 [1.73-2.75]	2.82 [2.36-3.55] ^a	2.63 [1.96-3.06]	3.14 [2.58-3.59] ^c

PE(22:0/22:6)	848,6566 [M+H] ⁺	5.79 [4.27-6.85]	4.49 [2.89-6.06]	4.62 [3.91-6.12]	4.26 [3.46-6.10]	3.84 [3.20-5.44]	3.62 [2.50-4.47]	4.69 [3.55-6.02]	4.25 [2.64-4.98]
PE(18:0/20:3)	770,5672 [M+H] ⁺	11.34 [9.87-17.03]	17.13 [14.44-24.18] ^a	13.22 [10.00-16.82]	17.41 [16.14-21.77] ^b	13.12 [11.05-14.76]	16.52 [13.17-20.76] ^a	12.72 [10.13-16.13]	17.21 [14.84-20.82] ^c
PE-plasmalogen		44.13 [36.63-64.48]	40.47 [38.82-64.03]	36.91 [33.51-45.87]	36.88 [33.25-49.31]	34.91 [28.61-48.45]	45.43 [29.30-50.00]	39.91 [31.47-49.92]	38.83 [34.83-52.40]
PE(P-16:0/20:5)	722,5102 [M+H] ⁺	4.96 [4.00-8.39]	6.01 [4.55-8.69]	4.97 [4.16-8.44]	5.41 [4.07-6.42]	4.46 [3.66-5.40]	5.66 [4.60-9.13] ^a	4.73 [3.96-7.45]	5.92 [4.46-7.69]
PE(P-16:0/18:0)	726,5323 [M+Na] ⁺	13.32 [7.75-14.76]	7.97 [5.92-14.24]	10.53 [8.68-11.84]	7.36 [5.59-11.04] ^f	9.33 [6.24-14.73]	10.62 [6.34-15.49]	10.82 [7.93-14.26]	9.44 [5.92-13.33]
PE(P-16:0/20:0)	754,5636 [M+Na] ⁺	4.45 [2.44-6.67]	4.08 [2.01-5.01]	4.13 [3.20-5.17]	3.71 [2.07-5.18]	4.08 [2.19-5.26]	3.94 [2.44-4.74]	4.11 [2.58-5.23]	3.94 [2.25-4.96]
PE(P-16:0/20:3)	726,5417 [M+H] ⁺	11.88 [8.45-14.43]	12.29 [9.03-14.30]	10.72 [9.39-11.38]	11.29 [9.09-13.93]	9.84 [8.12-11.63]	10.69 [9.44-14.91]	10.49 [8.45-12.70]	11.39 [9.41-14.01]
PE(O-18:0/20:5)	752,5551 [M+H] ⁺	9.08 [7.40-9.99]	13.09 [9.10-17.54] ^f	7.39 [5.14-10.08]	10.18 [7.70-11.97] ^a	7.83 [5.51-9.26]	7.94 [6.72-10.43]	7.84 [6.04-9.98]	9.95 [7.30-12.09] ^a
PG		15.75 [15.06-16.04]	17.55 [15.16-24.07]	16.88 [15.94-18.45]	18.57 [17.31-20.61] ^f	16.91 [16.14-19.41]	20.12 [17.63-23.07] ^a	16.41 [15.59-18.36]	18.85 [16.90-22.25] ^b
PG(16:0/16:0)	723,5101 [M+H] ⁺	2.89 [2.55-3.51]	3.62 [2.47-3.70]	3.40 [2.98-4.22]	3.26 [2.76-4.33]	3.56 [2.85-4.06]	3.57 [3.16-3.78]	3.31 [2.77-3.90]	3.57 [2.85-3.79]
PG(18:0/20:4)	799,5425 [M+H] ⁺	2.07 [1.60-2.58]	1.63 [1.43-2.19]	2.07 [1.71-2.37]	1.96 [1.44-2.19]	2.18 [1.72-2.36]	2.18 [1.72-2.36]	2.11 [1.72-2.36]	1.90 [1.48-2.25]
PG(P-16:0/22:4)	783,5586 [M+H] ⁺	1.59 [1.38-1.93]	1.73 [1.20-2.57]	1.59 [1.30-1.79]	2.02 [1.47-2.24] ^f	1.33 [1.16-1.69]	1.83 [1.43-2.22] ^a	1.58 [1.26-1.76]	1.93 [1.47-2.26] ^a
PG(18:2/20:5)	810,523 [M+NH ₄] ⁺	5.64 [4.43-7.28]	7.24 [5.70-9.58] ^a	6.51 [5.80-6.96]	7.22 [6.63-8.52] ^a	6.94 [6.39-7.61]	8.91 [6.79-11.58] ^a	6.52 [5.64-7.40]	7.67 [6.61-9.94] ^b
PG(22:2/22:6)	892,5991 [M +NH ₄] ⁺	3.06 [2.91-3.61]	3.51 [2.46-3.89]	3.37 [3.07-3.37]	3.57 [3.15-4.16]	3.09 [2.91-3.76]	3.69 [3.07-3.77] ^f	3.20 [2.97-3.61]	3.56 [3.12-3.91] ^a
PI									
PI (36:0) PI(18:0/18:0)	889,5716 [M+Na] ⁺	0.86 [0.60-1.03]	1.42 [0.78-2.21]	1.24 [0.84-1.49]	1.56 [1.20-2.14]	0.91 [0.64-1.22]	0.95 [0.50-2.43]	0.92 [0.78-1.39]	1.26 [0.89-2.20] ^a
PS									
PS(40:5)	838,552 [M+H] ⁺	2.81 [2.30-3.23]	3.03 [2.59-3.33]	2.76 [2.48-3.09]	2.92 [2.63-3.05]	2.71 [2.54-2.89]	2.89 [2.59-3.12]	2.72 [2.52-3.06]	2.95 [2.64-3.11]
PS(18:0/20:4)	812,5419 [M+H] ⁺	2.36 [1.58-2.78]	2.65 [2.36-3.05]	2.17 [1.75-2.61]	3.02 [2.57-3.37] ^b	2.02 [1.54-3.08]	2.41 [1.90-3.58]	2.13 [1.59-2.77]	2.79 [2.29-3.26] ^b
Retinol	287.2362 [M+H] ⁺	2.94 [1.95-4.01]	1.26 [0.99-2.43]	1.76 [1.09-2.69]	1.35 [1.08-3.43]	1.60 [1.20-2.49]	2.02 [1.39-5.17]	2.02 [1.33-2.97]	1.57 [1.10-3.11]

Diacylglycerides		132.2 [83.46-193.4]	76.87 [34.60-101.1]	102.3 [58.31-163.8]	55.71 [42.87-106.8]	97.34 [66.98-105.5]	109.4 [94.81-190.1]	104.0 [66.98-163.6]	92.39 [52.86-126.5]
<i>DG (14:0/18:3)</i>	580,5373 [M+Na] ⁺	10.52 [3.93-18.79]	3.73 [1.14-8.58] ^a	9.68 [3.23-15.54]	3.16 [2.21-8.11]	6.12 [3.09-13.52]	8.06 [4.76-9.38]	8.52 [3.30-15.47]	4.92 [2.30-9.16] ^a
DG (16:0/16:1)	567,4974[M+H] ⁺ 584,5241[M+NH ₄] ⁺	6.81 [5.58-10.46]	4.19 [2.12-6.23]	6.06 [3.62-11.28]	4.19 [2.76-11.57]	4.79 [3.76-7.61]	6.99 [4.95-25.78]	6.61 [3.88-7.99]	5.26 [3.05-11.07]
DG 18:0/18:1)	645,544 [M+Na] ⁺	7.72 [5.72-11.20]	5.80 [4.37-8.88]	6.99 [4.55-9.24]	6.41 [5.07-11.60]	7.34 [4.67-10.74]	8.29 [6.77-14.90]	7.56 [5.03-7.58]	6.90 [5.51-11.53]
<i>DG(18:0/18:2)</i>	638,5708 [M+NH ₄] ⁺	77.81 [37.88-111.2]	41.46 [18.19-55.76]	51.31 [36.04-87.52]	27.50 [20.11-43.92] ^a	49.20 [34.51-72.11]	54.28 [36.67-94.98]	55.02 [36.04-87.52]	40.60 [22.83-66.09] ^t
DG (18:0/18:1)	634,5395 [M+NH ₄] ⁺	11.50 [5.61-17.94]	7.92 [6.28-15.59]	11.76 [4.54-22.49]	9.30 [7.46-13.05]	9.40 [5.47-13.47]	16.70 [9.99-33.27] ^a	10.80 [5.53-17.81]	10.46 [7.75-17.81]
DG(20:4/19:0)	681,5402 [M+Na] ⁺	1.62 [0.53-2.17]	0.80 [0.40-2.25]	0.76 [0.40-1.23]	1.33 [0.58-1.79]	0.79 [0.55-1.16]	1.11 [0.82-2.72]	0.92 [0.47-1.60]	1.07 [0.60-2.03]
<i>DG (20:3:20:0)</i>	675,5901[M+H] ⁺ 697,5727 [M+Na] ⁺	1.10 [0.56-1.40] 7.15 [3.91-12.79]	1.10 [0.56-1.40] 2.53 [1.05-6.22]	0.67 [0.37-1.31] 4.64 [2.25-9.02]	0.30 [0.39-0.80] ^t 2.11 [1.45-7.85]	0.50 [0.22-0.95] 3.46 [2.61-6.05]	0.54 [0.47-1.18] 3.47 [2.58-4.01]	0.77 [0.38-1.35] 4.98 [2.91-9.25]	0.48 [0.18-1.12] ^t 2.74 [1.64-4.81] ^a
DG (18:3/20:0)	647,5574 [M+H] ⁺	9.35 [4.24-17.80]	2.88 [0.91-8.02]	5.41 [2.31-14.49]	2.19 [1.48-9.29]	5.05 [2.33-9.56]	5.52 [2.54-10.20]	6.81 [2.59-13.46]	4.06 [1.51-9.17] ^t
<i>DG(20:4/22:5)</i>	713,5103 [M+Na] ⁺	0.67 [0.33-1.03]	0.17 [0.09-0.46] ^a	0.48 [0.23-0.65]	0.22 [0.12-0.35] ^t	0.72 [0.19-0.85]	0.53 [0.18-1.03]	0.56 [0.24-0.79]	0.26 [0.15-0.56] ^a
Triglycerides		7867 [6912-8639]	7478 [7175-8784]	7784 [7495-8151]	7550 [7230-8292]	7649 [7271-7798]	7581 [7333-9707]	7758 [7304-8118]	7572[7236-8496]
TG(14:0/16:1/17:2)	804.7056 [M+NH ₄] ⁺	56.51 [39.97-62.17]	64.86 [46.81-73.28]	53.64 [44.47-59.79]	58.78 [53.58-74.04]	55.90 [47.57-58.86]	57.68 [53.58-67.82]	55.94 [47.00-60.12]	59.35 [52.54-69.66] ^a
TG(14:0/14:1/14:1)	741.5983 [M+Na] ⁺	364.4 [356.5-561.7]	404.0 [354.9-540.9]	421.8 [365.4-524.5]	430.7 [388.1- 467.0]	412.2 [383.3-483.5]	399.4 [350.4-444.8]	415.0 [358.3-520.8]	415.2 [371.5-448.9]
TG(14:0/16:0/16:0)	796,7277 [M+NH ₄] ⁺	346.3 [293.1-380.8]	358.04 [299.5-460.5]	327.1 [291.0-389.8]	384.4 [361.4-450.0] ^a	336.1 [309.2-372.1]	384.3 [355.6-438.8] ^a	337.3 [308.2-373.3]	381.5 [340.2-439.9] ^b
TG(14:1/14:1/18:1)	790,6895 [M+NH ₄] ⁺	1056 [890.1-1201]	1071 [809.1-1372]	1083 [1028-1305]	1128 [978.0-1-1257]	1108 [869.1-1317]	970.9 [853.6-1390]	1074 [923.6-1296]	1074 [911.2-1330]
TG(14:0/14:1/19:1)	806.712 [M+NH ₄] ⁺	9.07 [6.09-10.25]	10.13 [7.62-12.47]	9.08 [7.60-10.36]	9.81 [8.69-11.36]	9.43 [7.66-9.62]	9.82 [9.04-10.53] ^t	9.17 [7.68-10.01]	9.81 [8.58-10.81] ^a
TG(13:0/14:1/20:5)	798.6639 [M+NH ₄] ⁺	120.9 [115.0-128.7]	120.7 [110.9-123.2]	114.2 [109.3-118.2]	120.9 [116.7-126.7] ^t	118.7 [115.8-124.3]	115.2 [110.9-120.0]	117.1 [114.0-124.0]	118.9 [111.6-124.5]
TG(16:0/16:1/16:1)	820.7365 [M+NH ₄] ⁺	1965 [1769-2160]	2034 [1829-2436]	2079 [1859-2154]	2147 [1862-2472]	2037 [1814-2089]	2239 [1978-2541] ^t	2033 [1831-2139]	21425 [1937-2447] ^a
TG(14:0/16:0/16:0)	801.6948 [M+Na] ⁺	26.31 [20.16-28.91]	30.22 [23.99-33.55]	26.14 [23.09-28.68]	27.97 [24.45-38.50]	25.86 [21.22-28.61]	29.01 [23.74-41.66] ^t	25.93 [21.63-28.64]	29.18 [24.40-36.14] ^b
TG(16:1/16:1/16:1)	823.676 [M+Na] ⁺	260.1 [230.8-270.4]	267.0 [240.7-278.8]	256.8 [244.1-273.0]	253.5 [246.2-271.1]	259.8 [248.1-283.4]	256.7 [240.8-270.1]	257.9 [246.2-272.9]	258.8 [244.0-270.8]
TG(16:1/16:1/17:1)	832.7368 [M+NH ₄] ⁺	80.25 [66.24-87.59]	70.91 [61.09-86.23]	74.32 [61.41-81.08]	78.33 [72.73-94.73]	75.09 [67.70-84.50]	80.65 [67.91-91.05]	74.98 [64.31-82.97]	76.59 [69.19-90.90]
TG(14:0/15:0/20:5)	828.7134 [M+NH ₄] ⁺	10.30 [7.25-12.40]	11.85 [9.85-12.60]	10.42 [8.79-11.40]	10.50 [8.76-12.33]	10.56 [9.56-11.38]	12.13 [9.91-13.49]	10.48 [8.74-11.70]	11.27 [9.79-12.47]
TG(16:0/16:1/18:0)	850.7742 [M+NH ₄] ⁺	326.9 [296.0-350.3]	318.3 [268.0-351.3]	320.2 [308.1-331.6]	334.9 [311.1-369.6] ^a	319.2 [307.4-329.4]	323.5 [307.7-373.3]	320.2 [306.7-334.3]	325.7 [308.6-364.5]

<i>TG(16:0/17:1/18:1)</i>	862.8205 [M+NH ₄] ⁺	4.11 [2.89-5.71]	2.90 [1.32-4.86]	2.96 [2.10-5.20]	2.84 [2.01-3.11]	3.33 [2.58-5.25]	3.01 [2.54-4.13]	3.37 [2.70-5.18]	2.93 [2.00-3.59] ^f
<i>TG(16:0/16:0/18:1)</i>	850.7655 [M+NH ₄] ⁺	12.61 [10.10-14.34]	10.28 [8.96-11.75] ^f	12.01 [11.44-13.16]	11.09 [10.07-12.27]	11.96 [9.60-12.77]	11.37 [9.85-12.55]	12.01 [10.70-13.14]	11.06 [9.80-12.04] ^a
TG(16:1/16:1/17:2)	830.7291 [M+NH ₄] ⁺	10.42 [9.73-11.57]	10.36 [8.83-11.41]	10.36 [9.80-10.66]	9.84 [9.40-11.55]	10.58 [10.16-10.84]	11.13 [10.31-13.27]	10.40 [9.81-10.85]	10.65 [9.44-11.54]
TG(18:1/20:1/22:1)	986.9093 [M+NH ₄] ⁺	3.73 [2.76-6.00]	3.47 [2.18-4.97]	3.47 [2489-4.20]	2.05 [1.63-3.99]	2.61 [1.91-3.21]	2.40 [1.95-3.89]	3.29 [2.50-4.13]	2.51 [1.83-4.16]
TG(16:1/16:1/18:2)	844.7364 [M+NH ₄] ⁺	180.9 [131.7-274.7]	186.6 [159.8-284.9]	146.3 [132.5-169.4]	194.2 [147.5-253.9] ^a	135.0 [127.2-172.5]	176.5 [155.3-249.6] ^a	147.3 [130.4-182.8]	182.8 [156.9-240.3] ^b
TG(16:1/16:1/17:2)	835.6764 [M+Na] ⁺	3.74 [3.48-4.58]	3.34 [3.11-3.82] ^f	3.27 [2.83-4.80]	3.56 [3.27-3.87]	4.00 [3.15-4.59]	3.44 [3.03-4.21]	3.64 [3.20-4.61]	3.53 [3.09-3.89]
<i>TG(16:0/16:0/16:1)</i>	827.7101 [M+Na] ⁺	18.79 [13.73-23.10]	21.13 [19.68-23.71]	19.62 [16.30-21.26]	21.56 [16.07-27.67]	18.61 [15.64-20.59]	22.06 [18.21-33.87]	19.01 [15.59-21.21]	21.55 [17.11-25.06] ^f
TG(16:1/18:4/18:4)	862.6902 [M+NH ₄] ⁺	4.35 [2.95-5.77]	6.06 [3.96-9.75]	4.92 [3.46-9.38]	6.37 [3.83-7.66]	3.58 [2.70-6.14]	7.49 [3.48-11.41] ^f	4.35 [2.97-6.41]	6.37 [3848-9.41] ^a
TG(16:0/17:2/18:1)	860.7679 [M+NH ₄] ⁺	188.1 [172.9-214.1]	171.2 [149.0-210.2]	162.5 [154.8-245.3]	189.8 [178.2-201.6]	184.9 [164.3-223.6]	199.7 [181.5-226.2]	184.9 [156.0-222.3]	190.3 [171.0-220.9]
TG(16:0/16:0/17:2)	839.7451 [M+Na] ⁺	1.69 [1.62-2.09]	1.53 [1.34-2.04]	1.44 [1.32-1.60]	1.47 [1.13-1.66]	1.48 [1.37-1.66]	1.42 [1.31-1.54]	1.575 [1.37-1.71]	1.47 [1.32-1.64]
TG(18:1/18:3/20:0)	935.7928 [M+Na] ⁺	4.06 [3.26-4.93]	4.50 [3.68-4.74]	3.75 [3.38-4.50]	3.91 [3.15-4.68]	3.88 [3.57-4.26]	3.48 [3.07-5.11]	3.76 [3.35-4.49]	4.00 [3.24-4.74]
TG(18:0/18:1/20:3)	933.7851[M+Na] ⁺	21.23 [18.25-26.09]	22.85 [18.26-23.85]	20.20 [17.71-23.06]	18.26 [17.58-22.54]	18.15 [16.42-20.64]	18.07 [15.91-24.89]	19.46 [17.47-22.81]	18.90 [17.36-23.78]
<i>TG(18:2/18:2/20:0)</i>	930.8363 [M+NH ₄] ⁺	20.55 [18.69-27.42]	21.32 [14.09-24.77]	21.45 [18.33-23.10]	16.84 [16.19-19.95] ^f	19.93 [16.96-23.21]	18.08 [16.22-25.20]	21.21 [18.33- 23.40]	17.47 [15.95-23.86] ^f
TG(18:0/18:1/18:1)	904.83 [M+NH ₄] ⁺	409.5 [354.6-446.6]	330.4 [236.1-426.1] ^t	382.1 [283.3-457.9]	301.6 [266.3-367.9] ^f	359.5 [312.3-431.2]	363.3 [337.5- 446.6]	387.1 [333.1- 451.4]	341.6 [267.7- 385.0] ^a
<i>TG(18:0/18:1/18:1)</i>	906.8364 [M+NH ₄] ⁺	87.79 [75.99-95.81]	70.76 [46.33-90.71]	76.77 [68.56-97.02]	71.78 [54.56-77.22]	79.39 [72.56-94.96]	78.195 [70.74-102.3]	81.24 [74.07-95.84]	75.22 [56.50-84.79] ^a
TG(18:1/18:1/18:1)	902.8144 [M+NH ₄] ⁺	943.4 [784.9-1061]	855.7 [731.8-1217]	971.5 [890.7-1113]	843.5 [725.8-946.8] ^f	923.1 [837.3-1009]	956.9 [822.0-1130]	956.4 [818.7-1069]	8783.3 [810.2-1074]
TG(16:0/18:0/18:1)	883.761 [M+Na] ⁺	42.28 [31.91-44.52]	42.04 [36.77-43.20]	38.88 [23.53-44.34]	44.50 [42.18-46.51] ^a	41.08 [38.31-47.87]	42.75 [40.59-45.54]	41.08 [33.90-44.66]	42.83 [40.77-45.25]
TG(18:1/18:1/18:2)	900.7896 [M+NH ₄] ⁺	244.9 [176.0-281.4]	202.2 [183.8-243.8]	241.7 [229.8-284.9]	225.9 [165.3-231.2] ^b	254.7 [229.9-275.3]	230.2 [201.7-282.0]	246.9 [224.0-277.0]	225.1 [190.1-236.1] ^a
<i>TG(18:1/18:2/18:2)</i>	898.7739 [M+NH ₄] ⁺	99.10 [70.21-133.3]	85.07 [65.55-118.1]	122.9 [108.8-138.1]	96.31 [34.12-109.6] ^a	119.1 [94.69-128.3]	105.7 [74.02-172.9]	120.3 [75.92-128.3]	96.31 [70.34-119.4] ^f
TG(18:0/18:1/18:2)	902.8052 [M+NH ₄] ⁺	264.4 [198.9-286.4]	246.2 [199.2-308.1]	256.6 [249.9-282.9]	227.0 [186.7-274.2]	258.8 [234.5-286.0]	247.1 [231.79-366.5]	260.5 [233.8-281.8]	243.6 [211.4-295.7]
TG(16:0/17:1/20:5)	882.7478 [M+NH ₄] ⁺	8.58 [8.23-10.15]	7.85 [6.33-8.44] ^a	8.63 [8.01-9.06]	8.18 [7.50-8.88]	9.24 [8.10-10.78]	8.71 [8.01-9.10]	8.63 [8.18-9.64]	8.31 [7.60-8.83] ^a
TG(18:1/20:1/22:3)	982.8773 [M+NH ₄] ⁺	2.86 [2.58-4.57]	3.02 [1.62-4.07]	2.43 [1.97-3.29]	1.78 [1.40-2.85] ^f	2.04 [1.27-2.60]	1.67 [1.31-3.79]	2.52 [1.96-3.30]	1.94 [1.43-3.51]
<i>TG(18:1/18:2/20:0)</i>	930.8455 [M+NH ₄] ⁺	80.36 [71.25-106.6]	83.46 [52.92-93.06]	89.02 [72.99-96.08]	65.85 [59.26-85.19] ^f	74.82 [64.96-85.56]	70.14 [58.93-114.1]	78.44 [71.25-95.93]	71.54 [58.23-93.06] ^t
TG(18:2/20:4/20:4)	944.7669 [M+NH ₄] ⁺	31.12 [28.92-52.66]	30.18 [22.76-50.38]	40.77 [31.42-58.02]	26.46 [20.25-41.88] ^f	33.46 [27.79-46.41]	34.43 [23.77-61.16]	39.93 [29.65-52.66]	29.27 [22.13-49.46]
TG(18:1/20:4/20:4)	946.7742 [M+NH ₄] ⁺	7.75 [6.97-11.95]	6.59 [5.29-10.87]	9.21 [7.30-13.61]	6.29 [4.29-9.10] ^f	7.59 [5.61-10.34]	8.32 [5.53-14.07]	8.65 [6.97-10.87]	6.77 [5.28-11.25]
TG(20:0/20:0/20:4)	989.8484 [M+Na] ⁺	2.39 [2.25-3.79]	2.35 [1.70-3.22]	2.01 [1.68-2.87]	1.44 [1.35-2.53] ^f	1.97 [1.33-2.40]	1.60 [1.40-2.57]	2.27 [1.65-2.85]	1.68 [1.41-2.63]
TG(18:2/20:1/20:1)	956.8607 [M+NH ₄] ⁺	22.47 [16.22-32.91]	19.87 [12.32-25.20]	18.65 [15.11-23.82]	12.92 [11.51-24.89]	15.76 [12.66-22.47]	12.80 [11.27-26.30]	18.75 [14.96-25.95]	13.52 [11.70-23.93]

<i>TG(18:1/20:2/20:4)</i>	950.814 [M+NH ₄] ⁺	90.44 [76.05-107.4]	84.07 [54.81-104.6]	88.47 [78.42-97.92]	74.60 [65.14-77.91] ^b	86.28 [69.70-91.27]	71.56 [63.89-90.74]	88.26 [75.04-95.26]	74.00 [62.15-90.20] ^a
TG(18:0/20:3/20:5)	953.7908 [M+Na] ⁺	2.01 [1.67-2.35]	2.06 [1.76-2.66]	1.87 [1.84-2.43]	1.84 [1.76-2.46]	1.86 [1.67-2.23]	1.93 [1.77-2.41]	1.89 [1.72-2.32]	1.87 [1.77-2.48]
TG(18:2/20:1/20:4)	955.8051 [M+Na] ⁺	2.83 [1.85-4.61]	2.79 [2.29-4.57]	3.00 [2.45-5.30]	3.77 [2.07-4.96]	2.79 [2.55-4.39]	3.82 [2.88-5.14]	2.89 [2.46-4.61]	3.50 [2.50-4.72]
TG(16:0/18:0/18:0)	880.8213 [M+NH ₄] ⁺	120.3 [111.0-175.2]	92.04 [65.90-186.2]	113.7 [95.91-154.8]	101.2 [78.75-119.6]	119.9 [109.0-144.8]	119.6 [107.7-144.7]	119.5 [108.1-154.4]	110.0 [82.96-128.8] ^f
TG(18:1/20:0/20:0)	967.8653 [M+Na] ⁺	2.57 [1.30-3.86]	2.22 [1.76-3.87]	1.59 [1.34-2.50]	1.83 [1.46-2.32]	1.57 [1.30-2.39]	1.98 [1.68-5.26]	1.69 [1.34-2.62]	1.98 [1.67-3.13]
TG(20:1/20:1/20:4)	980.8615 [M+NH ₄] ⁺	4.44 [4.06-5.77]	4.60 [1.92-5.85]	3.64 [2.88-4.25]	2.66 [2.49-4.74]	2.69 [2.35-3.33]	2.46 [2.06-4.24]	3.64 [2.69-4.41]	2.63 [2.16-4.60]
TG(18:0/20:1/20:4)	959.801 [M+NH ₄] ⁺	10.77 [9.42-121.2]	10.98 [6.89-12.55]	8.85 [8.43-10.33]	8.59 [7.60-11.07]	8.80 [7.99-9.72]	7.60 [6.79-10.90]	9.16 [8.57-10.72]	8.57 [7.13-11.61]
TG(18:0/20:3/22:0)	991.8645 [M+NH ₄] ⁺	3.05 [2.37-4.26]	3.16 [2.21-3.95]	2.61 [1.89-3.29]	1.78 [1.42-3.33]	2.51 [1.65-2.70]	1.83 [1.66-2.79]	2.61 [1.95-3.24]	1.96 [1.69-3.57]
TG(20:2/20:4/20:4)	977.7533 [M+NH ₄] ⁺	3.67 [3.18-5.59]	2.39 [1.99-5.05]	3.74 [2.84-4.48]	2.82 [2.17-3.86]	2.89 [1.85-3.72]	2.79 [2.26-3.55]	3.58 [2.55-4.31]	2.76 [2.17-4.20]
Sphingomyéline		175.42 [120.8-277.0]	163.5 [150.6-248.9]	179.5 [153.0-222.4]	176.9 [154.6-234.2]	145.2 [120.1-221.3]	201.6 [164.5-271.2] ^f	178.6 [122.6-220.0]	188.4 [157.9-245.9]
SM(d18:0/12:0)	651,5340 [M+H] ⁺ (isotopic peak)	0.94 [0.63-1.02]	1.23 [0.88-1.53] ^a	0.87 [0.66-1.07]	0.94 [0.61-1.44]	0.73 [0.44-0.95]	0.85 [0.65-2.24] ^f	0.88 [0.52-1.02]	1.04 [0.68-1.54] ^a
SM(d18:1/12:0)	647,5119 [M+H] ⁺	4.13 [2.39-6.96]	5.52 [4.67-7.43]	4.16 [3.16-4.67]	5.41 [3.90-6.30]	2.89 [2.62-4.85]	5.09 [3.85-8.35] ^a	3.80 [2.89-5.56]	5.24 [3.99-7.00] ^b
<i>SM(18:1/14:0)</i>	675,5425 [M+H] ⁺	66.94 [47.08-132.2]	79.63 [68.92-118.19]	79.70 [45.47-95.18]	86.57 [64.47-113.50]	54.50 [44.54-98.47]	95.85 [72.43-111.90]	72.48 [45.46-98.60]	86.28 [68.91-111.24] ^a
SM(d18:1/16:0)	725,5552 [M+Na] ⁺	39.03 [34.47-59.04]	35.14 [28.62-48.26]	43.16 [30.58-54.38]	37.45 [32.47-46.75]	48.34 [31.26-52.30]	48.64 [37.25-65.23]	41.85 [31.37-52.33]	39.63 [32.05-50.87]
SM(d18:1/16:1)	701,5583 [M+H] ⁺	16.45[12.04-26.93]	16.59 [14.65-25.97]	15.03 [10.71-20.52]	15.61 [12.84-17.54]	12.36 [9.55-16.13]	14.18 [12.15-17.17]	13.98 [10.63-20.40]	15.97 [12.92-17.79]
SM(d16:1/18:1)	723,5399 [M+Na] ⁺	3.57 [2.44-4.74]	3.34 [2.93-4.45]	3.09 [2.34-4.16]	2.90 [2.54-3.88]	2.40 [2.10-2.91]	2.80 [2.11-3.50]	2.76 [2.15-4.12]	2.96 [2.47-3.65]
<i>SM(18:1/20:1)</i>	779,6015 [M+Na] ⁺	4.33 [3.30-4.83]	3.08 [2.02-4.31] ^f	3.79 [3.12-4.98]	2.74 [2.47-3.57] ^a	3.86 [3.29-5.02]	3.94 [3.21-5.31]	3.82 [3.20-4.93]	3.29 [2.50-4.30] ^b
SM(d18:1/20:2)	755,5768 [M+H] ⁺	1.49 [1.19-2.62]	1.05 [0.96-1.65]	1.56 [1.28-2.28]	1.31 [1.03-1.53] ^a	1.20 [0.89-2.00]	1.15 [0.91-1.36]	1.49 [1.19-2.17]	1.15 [1.01-1.44] ^a
SM(18:1/20:1)	757,6205 [M+H] ⁺	16.52 [11.36-23.27]	14.64 [10.79-19.90]	13.83 [11.92-20.75]	12.95 [11.44-17.21]	12.78 [9.99-17.11]	15.58 [12.22-20.44]	13.82 [11.32-18.54]	14.51 [12.06-19.27]
<i>SM(d18:1/23:0)</i>	801.6827 [M+H] ⁺	3.72 [3.26-8.83]	7.44 [4.37-8.98]	6.27 [4.16-7.73]	5.86 [5.28-9.18]	6.59 [4.24-7.84]	7.78 [6.46-12.33] ^f	5.97 [3.64-7.23]	7.21 [5.42-9.30] ^a
SM (d18:1/24:0)	815.6983 [M+H] ⁺	7.25 [5.08-10.21]	7.36 [6.00-8.42]	8.51 [6.56-11.61]	7.81 [5.34-9.80]	6.32 [5.17-10.65]	7.31 [6.03-10.19]	7.59 [5.81-10.37]	7.50 [5.59-9.53]
Eicosanoids – LeukotrienesProsta glandines & Thromboxanes									
10,11-dihydro-20-trihydroxy-leukotriene B4	385.2364 [M-H] ⁻	7.87 [5.49-11.22]	4.98 [3.94-6.94] ^f	11.52 [6.06-13.41]	6.10 [4.07-7.56] ^a	10.41 [6.37-12.44]	5.66 [4.24-8.76] ^a	9.88 [6.00-12.19]	5.66 [4.12-7.09] ^c
20-Trihydroxy-leukotriene-B4	383.2208 [M-H] ⁻	12.68 [4.86-25.73]	9.38 [5.67-15.12]	12.29 [5.60-23.86]	9.37 [6.77-12.51]	10.40 [6.31-15.77]	13.85 [7.91-17.96]	11.22 [4.99-24.61]	9.62 [7.27-15.02]

HETE	319.2278 [M-H] ⁻	2.78 [1.11-4.45]	1.71 [0.91-4.65]	2.30 [1.08-4.02]	2.70 [1.29-5.27]	2.17 [0.88-2.48]	2.65 [1.62-4.69]	2.32 [1.04-3.90]	2.31 [1.31-4.47]
<i>Leukotriene B4</i>	335.2227 [M-H] ⁻	0.53 [0.28-1.40]	0.29 [0.21-1.59]	0.53 [0.28-0.88]	0.38 [0.24-0.77]	0.46 [0.18-0.67]	0.27 [0.22-0.67]	0.51 [0.28-0.94]	0.32 [0.22-0.60]
7,8-epoxy-17S-HDHA	357.2051 [M-H] ⁻	1.53 [0.80-3.56]	1.39 [0.71-2.88]	1.85 [0.62-4.91]	1.50 [0.90-2.31]	1.82 [0.81-2.68]	2.25 [0.91-2.53]	1.78 [0.80-3.71]	1.60 [0.90-2.47]
<i>15S-HpEDE</i>	339.2537 [M-H] ⁻	1.69 [1.28-3.27]	1.47 [1.07-1.89]	2.01 [1.31-2.62]	1.45 [1.23-1.86]	1.56 [1.29-2.15]	1.74 [1.30-2.65]	1.68 [1.29-2.45]	1.50 [1.27-2.00]
11-deoxy-16,16-dimethyl-PGE2	363.252 [M-H] ⁻	52.22 [32.66-80.30]	41.16 [26.79-52.95]	66.77 [31.86-77.46]	40.32 [29.54-46.87]	49.11 [29.39-65.86]	40.19 [19.65-50.92]	52.64 [32.17-70.29]	40.19 [25.54-50.40] ^a
9-deoxy-9-methylene-16,16-dimethyl -PGE2	377.2676 [M-H] ⁻	1.77 [0.89-4.70]	0.72 [0.65-2.17]	1.64 [1.06-3.57]	0.99 [0.91-1.28]	1.23 [0.59-2.87]	1.47 [1.01-3.57]	1.38 [0.92-3.30]	0.99 [0.72-1.56]
PGF2alpha	353.2314 [M-H] ⁻	4.66 [3.02-6.98]	3.48 [2.16-6.05]	5.89 [3.73-8.05]	5.50 [3.39-7.36]	4.96 [3.06-7.23]	4.12 [2.61-7.01]	4.89 [3.26-7.50]	4.12 [2.76-6.73]
11-dehydro-2,3-dinor-TXB2	339.2001 [M-H] ⁻	1.69 [1.38-4.07]	3.25 [2.73-3.85]	2.79 [1.68-3.69]	2.83 [2.00-5.95]	4.01 [2.32-5.23]	4.28 [2.53-5.46]	2.98 [1.54-4.17]	3.29 [2.23-4.75]
LysoPC/PE		30.35 [28.99-38.13]	26.60 [16.26-40.47]	31.12 [21.51-43.99]	30.25 [20.64-38.81]	31.70[20.61-37.82]	29.93 [20.57-53.65]	31.55 [25.78-38.13]	29.07 [20.34-40.91]
LysoPC(16 :0)	454.2921 [M+H] ⁺	4.24 [3.28-5.02]	3.04 [1.61-5.50]	3.45 [2.76-4.16]	3.35 [1.97-5.16]	3.52 [2.76-5.99]	3.27 [2.62-4.21]	3.76 [2.85-4.60]	3.21 [2.42-4.48]
LysoPC(14:0)	468,3079 [M+H] ⁺	5.31 [4.20-7.25]	5.84 [3.16-1.12]	4.40 [3.03-6.99]	6.87 [3.96-9.53]	3.74 [2.59-5.14]	4.61 [3.40-9.63]	4.40 [3.16-6.06]	5.39 [3.52-9.12]
<i>LysoPE(16:1)</i>	452,3133 [M+H] ⁺	1.65 [1.31-1.77]	1.86 [1.50-2.02]	1.46 [0.90-1.65]	1.78 [1.40-2.35] ^a	1.19 [0.86-1.45]	1.33 [0.93-1.66]	1.37 [1.03-1.66]	1.65 [1.25-2.02] ^a
LysoPE(18:1)	480,3079 [M+H] ⁺	10.81 [9.46-13.07]	8.80 [4.18-14.30]	13.64 [6.75-11.22] _t	11.65 [6.74-15.80]	8.83 [5.76-18.53]	8.82 [5.25-18.01]	11.25 [7.84-16.01]	8.82 [6.71-12.77]
LysoPE(20:5)	500,274 [M+H] ⁺	2.87 [2.75-3.92]	2.19 [1.24-5.08]	3.32 [2.48-4.82]	2.64 [2.15-3.71]	4.17 [2.96-4.70]	3.62 [2.85-5.53]	3.34 [2.75-4.56]	2.94 [2.13-5.07]
LysoPE(20:3)	504,3058 [M+H] ⁺	2.76 [2.03-3.41]	2.31 [2.19-3.43]	2.98 [2.31-3.57]	3.00 [2.47-3.57]	2.67 [2.23-3.99]	4.40 [3.08-5.92] ^a	2.96 [2.23-3.56]	3.09 [2.42-4.50]

<i>LysoPE(20:4)</i>	502,2902 [M+H] ⁺	3.21 [2.93-3.59]	2.56 [1.04-4.28]	4.00 [2.29-4.47]	2.29 [1.41-3.25] ^a	3.58 [2.11-4.69]	2.53 [2.08-5.26]	3.58 [2.49-4.38]	2.43 [1.74-3.27] ^a
LysoPS(22:0)	580.3535 [M-H] ⁻	0.48 [0.38-1.39]	0.49 [0.17-0.87]	0.71 [0.29-1.12]	0.35 [0.16-0.82]	0.42 [0.32-0.87]	0.64 [0.21-1.40]	0.51[0.32-1.07]	0.43 [0.18-0.86]
LysoPG(22:4)	559.2853 [M-H] ⁻	0.60 [0.48-0.85]	0.27 [0.14-0.70] ^b	0.76 [0.54-0.95]	0.29 [0.15-0.49] ^t	0.72 [0.38-0.78]	0.49 [0.21-0.86]	0.70 [0.49-0.89]	0.30 [0.20-0.68] ^c
LysoPA(20:0)	465.3048 [M-H] ⁻	3.88 [2.57-4.88]	5.55 [2.85-8.14]	4.18 [3.33-5.24]	4.77 [3.90-8.21]	4.31 [3.45-5.97]	6.49 [3.39-9.16]	4.19 [3.39-4.93]	5.75 [3.75-8.59] ^a
Cardiolipines									
<i>CL(18:1/18:1/20:4/18:0)</i>	739.5129 [M-2H] ⁻	3.10 [1.47-3.61]	2.86 [2.48-3.51]	2.43 [1.89-3.65]	2.89 [2.03-3.47]	1.82 [1.27-2.84]	2.65[1.54-2.74]	2.40 [1.32-3.57]	2.74 [2.04-3.22]
CL(18:2/20:0/20:0/20:4)	767.5439 [M-2H] ⁻	2.64 [1.55-5.21]	3.41 [1.47-5.71]	3.79 [1.48-5.02]	2.67 [1.37-4.36]	3.14 [1.41-3.55]	2.71 [2.19-4.73]	3.21 [1.45-4.41]	2.87 [1.68-4.54]

Values are median and [25% and 75% percentile]. Values of p-values (assessed by Mann Whitney *U* test) between fast and slow growth groups are reported with ^a, ^b, ^c significantly different at same stage of lactation, p<0.05, p<0.01 or p<0.001, respectively and ^t, a trend, 0.050<p<0.10. Lipids in bold and red font presented a corrected p-value <0.05, using the *post hoc* control of the type I error rate (False discovery Rate procedure), between the two infant groups on the total W2 to W4 lactation period.