

1 **Table 1. Molecular lipid species composition following CUR**
2 **treatment.** The values shown are relative abundance of lipid species as
3 mole percentage of the normalized total mass spectral signal of the
4 particular lipid group. The total for each lipid class was calculated by
5 adding the mole percentage of the molecular lipid species of that class.
6 Values are means \pm SD (n = 3).

Lipid Species	No CUR	CUR	Lipid Species	No CUR	CUR	Lipid Species	No CUR	CUR
PG 30:1	0 \pm 0	0 \pm 0	PE 35:0	0 \pm 0	0 \pm 0	PI 34:3	0.5 \pm 0	0.3 \pm 0.4
PG 30:0	0 \pm 0	0 \pm 0	PE 36:6	0.1 \pm 0	0 \pm 0	PI 34:2	5 \pm 0.2	4.4 \pm 3.5
PG 32:2	0 \pm 0	0 \pm 0	PE 36:5	1.6 \pm 0.1	0.8 \pm 0.4	PI 34:1	5 \pm 0.4	4.3 \pm 3.1
PG 32:1	0.1 \pm 0	0.2 \pm 0.2	PE 36:4	4.3 \pm 0.4	2.5 \pm 0.7	PI 35:2	0.4 \pm 0	0.1 \pm 0.1
PG 32:0	0 \pm 0	0 \pm 0	PE 36:3	4.4 \pm 0.4	3.2 \pm 0.7	PI 35:1	0.3 \pm 0	0 \pm 0
PG 34:4	0 \pm 0	0 \pm 0	PE 36:2	3.3 \pm 0.2	2.6 \pm 0.4	PI 35:0	0 \pm 0	0 \pm 0
PG 34:3	0 \pm 0	0 \pm 0.1	PE 36:1	0.6 \pm 0.1	0.6 \pm 0.3	PI 36:6	0 \pm 0	0.1 \pm 0.1
PG 34:2	0.6 \pm 0.1	1 \pm 0.3	PE 36:0	0 \pm 0	0 \pm 0	PI 36:5	0.1 \pm 0	0 \pm 0
PG 34:1	0.6 \pm 0	1.4 \pm 0.5	PE 37:2	0 \pm 0	0 \pm 0	PI 36:4	0.4 \pm 0	0.1 \pm 0.1
PG 34:0	0 \pm 0	0 \pm 0	PE 37:1	0 \pm 0	0 \pm 0	PI 36:3	0.8 \pm 0	0.9 \pm 0.6
PG 34:5-O	0 \pm 0	0 \pm 0	PE 37:0	0 \pm 0	0 \pm 0	PI 36:2	1.2 \pm 0.1	0.6 \pm 0.8
PG 34:4-O	0 \pm 0	0 \pm 0	PE 38:6	0 \pm 0	0 \pm 0	PI 36:1	0.7 \pm 0.1	0.1 \pm 0.2
PG 36:6	0 \pm 0	0 \pm 0	PE 38:5	0 \pm 0	0 \pm 0	PI 38:2	0 \pm 0	0 \pm 0
PG 36:5	0 \pm 0	0 \pm 0	PE 38:4	0 \pm 0	0 \pm 0	PI 38:1	0 \pm 0	0 \pm 0
PG 36:4	0 \pm 0	0 \pm 0	PE 38:3	0 \pm 0	0 \pm 0	PI 38:0	0 \pm 0	0 \pm 0
PG 36:3	0 \pm 0	0 \pm 0	PE 38:2	0 \pm 0	0 \pm 0	Total PI	15.5 \pm 0.9	11.5 \pm 8.7
PG 36:2	0 \pm 0	0 \pm 0	PE 38:1	0 \pm 0	0 \pm 0	PS 30:2	0 \pm 0	0 \pm 0
PG 36:1	0 \pm 0	0 \pm 0	PE 38:0	0 \pm 0	0 \pm 0	PS 30:1	0 \pm 0	0 \pm 0
PG 38:6	0 \pm 0	0 \pm 0	PE 40:3	0 \pm 0	0 \pm 0	PS 30:0	0 \pm 0	0 \pm 0
PG 38:5	0 \pm 0	0 \pm 0	PE 40:2	0 \pm 0	0 \pm 0	PS 32:2	0 \pm 0	0 \pm 0
Total PG	1.5 \pm 0.1	2.8 \pm 0.9	PE 42:4	0 \pm 0	0 \pm 0	PS 32:1	0.3 \pm 0	0.3 \pm 0.3
LysoPG 16:1	0 \pm 0	0 \pm 0	PE 42:3	0 \pm 0	0 \pm 0	PS 32:0	0 \pm 0	0 \pm 0
LysoPG 16:0	0 \pm 0	0.1 \pm 0.1	PE 42:2	0 \pm 0	0 \pm 0	PS 33:2	0 \pm 0	0 \pm 0
LysoPG 18:3	0 \pm 0	0 \pm 0.1	Total PE	27.2 \pm 1.8	22.3 \pm 4.7	PS 33:1	0.1 \pm 0	0.1 \pm 0.1
LysoPG 18:2	0 \pm 0	0 \pm 0	PC 26:1	0 \pm 0	0 \pm 0	PS 33:0	0 \pm 0	0 \pm 0
LysoPG 18:1	0 \pm 0	0 \pm 0	PC 26:0	0 \pm 0	0 \pm 0	PS 34:4	0 \pm 0	0 \pm 0
Total lysoPG	0 \pm 0	0.1 \pm 0.1	PC 28:1	0 \pm 0	0.1 \pm 0.1	PS 34:3	0.1 \pm 0	0.1 \pm 0.1
LysoPC 14:1	0 \pm 0	0 \pm 0	PC 28:0	0 \pm 0	0 \pm 0	PS 34:2	1.8 \pm 0.1	1.8 \pm 2.4
LysoPC 14:0	0 \pm 0	0 \pm 0	PC 30:2	0 \pm 0	0 \pm 0	PS 34:1	2.8 \pm 0.1	2.2 \pm 3.9
LysoPC 15:1	0 \pm 0	0 \pm 0	PC 30:1	0 \pm 0	0.1 \pm 0	PS 34:0	0 \pm 0	0 \pm 0
LysoPC 15:0	0 \pm 0	0 \pm 0	PC 30:0	0 \pm 0	0 \pm 0	PS 35:2	0.1 \pm 0	0.1 \pm 0.1
LysoPC 16:1	0.2 \pm 0	0.3 \pm 0.1	PC 31:2	0 \pm 0	0 \pm 0	PS 35:1	0.1 \pm 0	0.1 \pm 0.3
LysoPC 16:0	0.1 \pm 0	0.1 \pm 0	PC 31:1	0 \pm 0	0 \pm 0	PS 35:0	0 \pm 0	0 \pm 0
LysoPC 17:1	0 \pm 0	0 \pm 0	PC 31:0	0 \pm 0	0 \pm 0	PS 36:6	0 \pm 0	0 \pm 0
LysoPC 17:0	0 \pm 0	0 \pm 0	PC 32:2	1.3 \pm 0	2.1 \pm 0.4	PS 36:5	0 \pm 0	0 \pm 0
LysoPC 18:3	0.1 \pm 0	0 \pm 0	PC 32:1	0.8 \pm 0.1	1.2 \pm 0.3	PS 36:4	0.1 \pm 0	0 \pm 0
LysoPC 18:2	0.5 \pm 0.2	0.9 \pm 0.5	PC 32:0	0 \pm 0	0.3 \pm 0	PS 36:3	0.1 \pm 0	0 \pm 0
LysoPC 18:1	0.4 \pm 0.1	0.9 \pm 0.4	PC 33:2	0.5 \pm 0	0.3 \pm 0.1	PS 36:2	0.3 \pm 0	0.3 \pm 0.4
LysoPC 18:0	0 \pm 0	0 \pm 0	PC 33:1	0.2 \pm 0	0.2 \pm 0	PS 36:1	0.2 \pm 0	0.1 \pm 0.1
Total LysoPC	1.4 \pm 0.4	2.3 \pm 1.1	PC 33:0	0 \pm 0	0 \pm 0	PS 36:0	0 \pm 0	0 \pm 0
LysoPE 14:1	0 \pm 0	0 \pm 0	PC 34:4	1.1 \pm 0.1	0.9 \pm 0.2	PS 38:6	0 \pm 0	0 \pm 0
LysoPE 15:1	0 \pm 0	0 \pm 0	PC 34:3	6.6 \pm 0.2	6.1 \pm 1	PS 38:5	0 \pm 0	0 \pm 0
LysoPE 15:0	0 \pm 0	0 \pm 0	PC 34:2	5.5 \pm 0.5	6.7 \pm 1	PS 38:4	0 \pm 0	0 \pm 0
LysoPE 16:1	0.1 \pm 0	0 \pm 0	PC 34:1	2 \pm 0.1	2.1 \pm 0.4	PS 38:3	0 \pm 0	0 \pm 0
LysoPE 16:0	0.2 \pm 0	0.3 \pm 0.2	PC 36:6	0.1 \pm 0	0.1 \pm 0.1	PS 38:2	0 \pm 0	0 \pm 0
LysoPE 17:1	0 \pm 0	0 \pm 0	PC 36:5	2.1 \pm 0.2	1.9 \pm 0.5	PS 38:1	0 \pm 0	0 \pm 0
LysoPE 17:0	0 \pm 0	0 \pm 0	PC 36:4	7.4 \pm 0.3	9.5 \pm 1.2	PS 40:4	0 \pm 0	0 \pm 0
LysoPE 18:3	0.1 \pm 0	0 \pm 0	PC 36:3	8.6 \pm 0.4	11.3 \pm 2.5	PS 40:3	0 \pm 0	0 \pm 0

LysoPE 18:2	0.3 ± 0	0.3 ± 0.1	PC 36:2	4.2 ± 0.2	5 ± 0.9	PS 40:2	0 ± 0	0 ± 0	
LysoPE 18:1	0.3 ± 0	0.3 ± 0.3	PC 36:1	0.8 ± 0	1.4 ± 0.2	PS 40:1	0 ± 0	0 ± 0	
LysoPE 20:1	0 ± 0	0 ± 0	PC 38:6	0 ± 0	0 ± 0	PS 42:4	0 ± 0	0 ± 0	
LysoPE 20:0	0 ± 0	0 ± 0	PC 38:5	0.1 ± 0	0 ± 0	PS 42:3	0 ± 0	0 ± 0	
Total LysoPE	1 ± 0.1	0.9 ± 0.6	PC 38:4	0.1 ± 0	0.1 ± 0	PS 42:2	0 ± 0	0 ± 0	
PE 26:1	0 ± 0	0 ± 0	PC 38:3	0.2 ± 0	0.3 ± 0.1	PS 42:1	0 ± 0	0 ± 0	
PE 26:0	0 ± 0	0 ± 0	PC 38:2	0.1 ± 0	0.2 ± 0	PS 44:3	0 ± 0	0 ± 0	
PE 28:1	0 ± 0	0 ± 0	PC 40:5	0 ± 0	0 ± 0	PS 44:2	0 ± 0	0 ± 0	
PE 30:2	0 ± 0	0 ± 0	PC 40:4	0 ± 0	0 ± 0	TOTAL PS	6.2 ± 0.2	5.1 ± 7.8	
PE 30:1	0 ± 0	0 ± 0	PC 40:3	0 ± 0	0.2 ± 0.1	PA 32:2	0.1 ± 0	0.1 ± 0.1	
PE 30:0	0 ± 0	0 ± 0	PC 40:2	0 ± 0	0.1 ± 0.1	PA 32:1	0.1 ± 0	0 ± 0.1	
PE 31:2	0 ± 0	0 ± 0	Total PC	41.9 ± 1.2	50.5 ± 6.5	PA 32:0	0 ± 0	0 ± 0	
PE 31:1	0 ± 0	0 ± 0	PI 26:0	0 ± 0	0 ± 0	PA 34:6	0 ± 0	0 ± 0	
PE 31:0	0 ± 0	0 ± 0	PI 28:0	0 ± 0	0 ± 0	PA 34:5	0 ± 0	0 ± 0	
PE 32:2	0.4 ± 0	0.5 ± 0.1	PI 30:2	0 ± 0	0 ± 0	PA 34:4	0.1 ± 0	0 ± 0	
PE 32:1	0.5 ± 0	0.8 ± 0.2	PI 30:1	0 ± 0	0 ± 0	PA 34:3	0.5 ± 0	0.3 ± 0.3	
PE 32:0	0 ± 0	0 ± 0	PI 30:0	0 ± 0	0 ± 0	PA 34:2	1.3 ± 0.1	1.7 ± 1	
PE 33:2	0.2 ± 0	0.1 ± 0.1	PI 31:2	0 ± 0	0 ± 0	PA 34:1	1 ± 0	1 ± 0.7	
PE 33:1	0.1 ± 0	0.1 ± 0.1	PI 31:1	0 ± 0	0 ± 0	PA 36:6	0 ± 0	0 ± 0	
PE 33:0	0 ± 0	0 ± 0	PI 31:0	0 ± 0	0 ± 0	PA 36:5	0.1 ± 0	0 ± 0.1	
PE 34:4	0.6 ± 0	0.2 ± 0.2	PI 32:2	0.1 ± 0	0.1 ± 0.1	PA 36:4	0.5 ± 0.1	0.3 ± 0.1	
PE 34:3	2 ± 0.2	1.3 ± 0.3	PI 32:1	0.5 ± 0	0.5 ± 0.4	PA 36:3	0.7 ± 0.1	0.5 ± 0.4	
PE 34:2	5.4 ± 0.3	5.3 ± 1	PI 32:0	0 ± 0	0 ± 0	PA 36:2	0.7 ± 0.1	0.5 ± 0.3	
PE 34:1	2.7 ± 0.1	4 ± 0.6	PI 33:2	0.2 ± 0	0 ± 0	PA 36:1	0.1 ± 0	0 ± 0	
PE 34:0	0 ± 0	0 ± 0	PI 33:1	0.3 ± 0	0 ± 0	Total PA	5.2 ± 0.4	4.4 ± 2.3	
PE 35:2	0.4 ± 0	0.2 ± 0.1	PI 33:0	0 ± 0	0 ± 0	Total PGL	100	100	
PE 35:1	0.1 ± 0	0 ± 0	PI 34:4	0 ± 0	0 ± 0				
Lipid Species	Fatty acyl	No CUR	CUR	Lipid Species	Fatty acyl	No CUR	CUR		
CER 44:0;3		47.2 ± 2.2	7.9 ± 10.3	Zymosterol	18:3	0.2 ± 0	0.4 ± 0.8		
CER 46:0;3		0.3 ± 0	0.6 ± 0.6	Ergostatetraenol	18:3	0.5 ± 0.1	0 ± 0		
Total CER		47.6 ± 2.2	8.5 ± 10.5	Ergosterol	18:3	3.9 ± 0.2	0 ± 0		
IPC 48:0;3		0.1 ± 0	0.1 ± 0.1	Epi- + Feco-sterol	18:3	0.7 ± 0.1	0.2 ± 0.3		
IPC 48:0;4		0 ± 0	0 ± 0	Lanosterol	18:3	0.4 ± 0	1 ± 0.9		
IPC 50:0;3		9.4 ± 0.2	19.3 ± 8.3	Total 18:3-SE		5.6 ± 0.5	1.6 ± 1.6		
IPC 48:0;5		0 ± 0	0 ± 0	Zymosterol	18:2	1.4 ± 0.2	0.2 ± 0.3		
IPC 50:0;4		4.1 ± 2	10.4 ± 5.2	Ergostatetraenol	18:2	0.8 ± 0.3	0 ± 0		
IPC 52:0;3		13.9 ± 1.3	23 ± 1.7	Ergosterol	18:2	14.3 ± 0.7	1.8 ± 1.7		
IPC 50:0;5		0.1 ± 0	0 ± 0.1	Epi- + Feco-sterol	18:2	3.8 ± 0.4	0 ± 0		
IPC 52:0;4		0.9 ± 0.4	2.8 ± 1.5	Lanosterol	18:2	1.1 ± 0.4	5.5 ± 1.2		
IPC 52:0;5		0 ± 0	0.1 ± 0.1	Total 18:2-SE		21.4 ± 1	7.4 ± 0.7		
Total IPC		28.5 ± 1.3	55.7 ± 14.1	Zymosterol	18:1	5 ± 1.3	0.6 ± 1		
MIPC 54:0;3		0.1 ± 0	0 ± 0	Ergostatetraenol	18:1	4.7 ± 0.7	0.7 ± 1.2		
MIPC 56:0;3		9.5 ± 1.3	9.8 ± 2.2	Ergosterol	18:1	37.1 ± 1.4	4 ± 4.2		
MIPC 54:0;5		0 ± 0	0 ± 0	Epi- + Feco-sterol	18:1	12.9 ± 1	10.3 ± 13.8		
MIPC 56:0;4		2.2 ± 0.6	1.9 ± 2.2	Lanosterol	18:1	3.9 ± 0.6	11.9 ± 5.5		
MIPC 58:0;3		11.1 ± 1.1	13.8 ± 8	Total 18:1-SE		63.6 ± 1.1	27.5 ± 14.1		
MIPC 56:0;5		0 ± 0	0 ± 0	Zymosterol	18:0	0.3 ± 0.1	0.3 ± 0.5		
MIPC 58:0;4		0.5 ± 0.2	0.2 ± 0.3	Ergostatetraenol	18:0	0.3 ± 0.1	0 ± 0		
MIPC 58:0;5		0 ± 0	0 ± 0	Ergosterol	18:0	2.7 ± 0.4	0.2 ± 0.3		
Total MIPC		23.4 ± 2.1	25.7 ± 8.5	Epi- + Feco-sterol	18:0	1 ± 0.3	3.7 ± 3.4		
M(IP) ₂ C 62:0;3		0.3 ± 0.2	4.4 ± 4.6	Lanosterol	18:0	0.2 ± 0.2	6.4 ± 7.5		
M(IP) ₂ C 62:0;4		0 ± 0	0.1 ± 0.2	Total 18:0-SE		4.4 ± 0.5	10.6 ± 11.1		
M(IP) ₂ C 64:0;3		0.3 ± 0.2	5.3 ± 4.6	Total-SE		100	100		
M(IP) ₂ C 64:0;4		0 ± 0	0.4 ± 0.6						
Total M(IP) ₂ C		0.6 ± 0.5	10.1 ± 9.1	Lanosterol ester		6.5 ± 1.3	55.1 ± 19.5		
Total-SL		100	100	Zymosterol ester		6.9 ± 1.2	5.3 ± 5.9		
Zymosterol	16:1	0 ± 0	0.9 ± 1.1	Epi- + Feco-sterol ester		19.5 ± 1.2	32.3 ± 8.9		
Ergostatetraenol	16:1	0 ± 0	0 ± 0	Ergostatetraenol ester		6.4 ± 1.1	0.7 ± 1.2		
Ergosterol	16:1	1 ± 0.1	0 ± 0	Ergosterol ester		60.7 ± 2.6	6.6 ± 6.6		
Epi- + Feco-sterol	16:1	0.4 ± 0.1	3.4 ± 4						
Lanosterol	16:1	0.3 ± 0.1	3.2 ± 3.1						
Total 16:1-SE		1.7 ± 0.2	7.5 ± 3.7	<i>STEROLS AS ANALYZED BY GCMS</i>					
Zymosterol	16:0	0.1 ± 0	2.9 ± 3.6	Farnesol		0.4 ± 0.3	4.5 ± 1		
Ergostatetraenol	16:0	0 ± 0	0 ± 0	Squalene		1 ± 0.5	42.5 ± 19.4		
Ergosterol	16:0	1.8 ± 0.2	0.6 ± 1	Lanosterol		1 ± 0.4	13.5 ± 3.3		
Epi- + Feco-sterol	16:0	0.7 ± 0.3	14.8 ± 7.2	Zymosterol		5.3 ± 4.7	0 ± 0		

1

Lanosterol	16:0	0.8 ± 0.2	27.1 ± 23.5	Ergostatetraenol	18.3 ± 14.7	14.1 ± 16
Total 16:0-SE		3.3 ± 0.3	45.4 ± 26	Ergosterol	74 ± 11.4	25.4 ± 5.7

Lipid Species	Fatty acyl	No CUR	CUR	Lipid Species	Fatty acyl	No CUR	CUR
30:1	16:1	0 ± 0	0 ± 0	54:0	16:0	0 ± 0	0.2 ± 0.2
32:1	16:1	4.6 ± 2.2	2.2 ± 1.3	920?	16:0	0.1 ± 0.1	0 ± 0
34:4	16:1	3.1 ± 3.4	0 ± 0	56:1	16:0	0.2 ± 0	0.1 ± 0.1
34:3	16:1	33.3 ± 9.8	0 ± 0	56:0	16:0	0.1 ± 0	0.3 ± 0.3
34:2	16:1	46.1 ± 10.6	0.2 ± 0.1	948?	16:0	0.2 ± 0	0 ± 0
34:1	16:1	0.1 ± 0.1	0 ± 0	58:2	16:0	0.4 ± 0	0 ± 0
36:2	16:1	0.6 ± 0.5	0 ± 0	58:1	16:0	0.7 ± 0.1	0.1 ± 0.1
36:1	16:1	0 ± 0	0.1 ± 0.1	58:0	16:0	0 ± 0	0 ± 0
36:0	16:1	10 ± 17.4	89.8 ± 3.3	976?	16:0	0.2 ± 0	0 ± 0
38:7	16:1	0.5 ± 0.8	6.9 ± 1.7	60:2	16:0	0.1 ± 0	0 ± 0
38:6	16:1	0 ± 0.1	0.6 ± 0.7	988?	16:0	0.1 ± 0	0 ± 0
38:4	16:1	0.3 ± 0.3	0 ± 0.1	60:1	16:0	0.1 ± 0.1	0 ± 0
38:3	16:1	0.9 ± 0.6	0 ± 0	Total 16:0-TAG		100	100
40:7	16:1	0 ± 0	0 ± 0.1	40:4	18:3	0.8 ± 0.1	10.9 ± 9.6
40:5	16:1	0.4 ± 0.4	0 ± 0	40:3	18:3	0.2 ± 0.2	0 ± 0
Total 16:1-DAG		100	100	L?	18:3	0.3 ± 0.2	0 ± 0
26:0	16:0	0 ± 0	0.3 ± 0.3	M?	18:3	0.1 ± 0.1	0 ± 0
28:0	16:0	0 ± 0.1	0 ± 0.1	50:4	18:3	3.4 ± 0.4	4 ± 6.9
30:1	16:0	0 ± 0	0.7 ± 0.4	50:3	18:3	0.2 ± 0.1	0 ± 0
32:1	16:0	4.9 ± 1.5	17.1 ± 15.7	866?	18:3	1.6 ± 0.7	0 ± 0
32:0	16:0	0.3 ± 0.5	13.5 ± 3.4	52:6	18:3	12.5 ± 1.5	15.6 ± 17.7
34:3	16:0	2.1 ± 1.2	0 ± 0	52:5	18:3	21.3 ± 1.8	22.8 ± 17.9
34:2	16:0	43.8 ± 1.5	12.1 ± 8.9	52:4	18:3	12 ± 0.7	12.5 ± 8
34:1	16:0	46.4 ± 2.4	12.8 ± 6.8	886?	18:3	1 ± 0.6	0 ± 0
34:0	16:0	0.3 ± 0.3	8.7 ± 8.5	53:2	18:3	0 ± 0	11.3 ± 19.6
36:6	16:0	0 ± 0	5.5 ± 6.4	892?	18:3	5.9 ± 0.6	0.1 ± 0.2
36:3	16:0	0 ± 0	0 ± 0	898?	18:3	33.3 ± 2.5	18 ± 9.5
36:2	16:0	0.3 ± 0.1	0.1 ± 0.2	900?	18:3	7.4 ± 0.8	4.8 ± 5.9
36:1	16:0	0.3 ± 0.1	0.7 ± 1.1	54:0	18:3	0.1 ± 0	0 ± 0
36:0	16:0	0 ± 0	1.7 ± 0.9	914?	18:3	0 ± 0	0 ± 0
38:7	16:0	0.5 ± 0.6	11.3 ± 5.9	Total 18:3-TAG		100	100
38:6	16:0	0 ± 0	6 ± 4.8	40:3	18:2	0.2 ± 0.1	1 ± 0.8
38:5	16:0	0 ± 0	0.6 ± 0.7	40:2	18:2	0.2 ± 0.1	0 ± 0
38:3	16:0	0 ± 0	0.3 ± 0.6	41:3	18:2	0 ± 0	0 ± 0
40:7	16:0	1 ± 0.6	5.6 ± 1.9	41:2	18:2	0.1 ± 0	0 ± 0.1
40:6	16:0	0 ± 0	1.7 ± 1.8	41:1	18:2	0 ± 0	0 ± 0
40:5	16:0	0 ± 0	1.2 ± 1	D?	18:2	0 ± 0	0 ± 0.1
Total 16:0-DAG		100	100	H?	18:2	0 ± 0	0 ± 0.1
34:5	18:3	0 ± 0	0 ± 0	46:3	18:2	0 ± 0	1.4 ± 1.6
34:4	18:3	10.1 ± 3.7	37.9 ± 46.3	46:2	18:2	0 ± 0	0.9 ± 0.9
34:3	18:3	2.5 ± 1.6	4 ± 6.9	M?	18:2	0 ± 0	0.2 ± 0.3
36:6	18:3	0.3 ± 0.4	0 ± 0	48:3	18:2	0.3 ± 0.1	1.8 ± 0.5
36:5	18:3	32 ± 4.2	1.8 ± 3	48:2	18:2	0.2 ± 0.1	4.1 ± 0.7
36:4	18:3	50.6 ± 1.9	28.9 ± 25	O?	18:2	0.1 ± 0.1	0.3 ± 0.3
36:3	18:3	0.5 ± 0.8	0 ± 0	49:2	18:2	0.1 ± 0	0.5 ± 0.9
38:4	18:3	3.2 ± 0.1	1.1 ± 2	50:4	18:2	3 ± 0.2	2.6 ± 0.6
40:7	18:3	0 ± 0	0 ± 0	50:3	18:2	4.5 ± 0.2	6.2 ± 2
40:6	18:3	0.2 ± 0.4	26.1 ± 25.8	50:2	18:2	1.6 ± 0.3	3.7 ± 1.1
40:5	18:3	0.6 ± 0.6	0.3 ± 0.4	866?	18:2	0 ± 0	0 ± 0
Total 18:3-DAG		100	100	52:6	18:2	2 ± 0.1	0.3 ± 0.4
26:0	18:2	0.2 ± 0.1	0 ± 0	52:5	18:2	8.6 ± 0.5	3.4 ± 1.5
34:4	18:2	0.1 ± 0	0.7 ± 0.7	52:4	18:2	16.7 ± 0.5	31 ± 8.1
34:3	18:2	11.8 ± 0.4	35.5 ± 36.9	52:3	18:2	11.7 ± 0.2	12.6 ± 3.9
34:2	18:2	23.3 ± 2.3	23.7 ± 11.5	52:2	18:2	1.2 ± 0.3	2 ± 1.6
36:6	18:2	0 ± 0	0 ± 0	886?	18:2	2.4 ± 0.2	0.4 ± 0.3
36:5	18:2	3.4 ± 0.5	0.5 ± 0.9	53:3	18:2	0.9 ± 0.1	0 ± 0.1
36:4	18:2	24.1 ± 1.4	24.9 ± 18.1	53:2	18:2	0.1 ± 0	0.1 ± 0.1
36:3	18:2	27.5 ± 1.2	12.6 ± 10.8	892?	18:2	0.3 ± 0	0 ± 0
36:2	18:2	5.2 ± 1.3	0.9 ± 1.3	898?	18:2	19.2 ± 0.7	10.6 ± 0.3
38:5	18:2	0 ± 0	0 ± 0	900?	18:2	18.5 ± 0.3	11.1 ± 3.2
38:4	18:2	0.1 ± 0.1	0 ± 0	54:3	18:2	6.4 ± 0.3	4.4 ± 1.3
38:3	18:2	3.3 ± 0.4	0.2 ± 0.4	54:2	18:2	0.1 ± 0.1	0.2 ± 0.2

40:5	18:2	1 ± 0.1	1 ± 0.9	54:0	18:2	0 ± 0	0 ± 0
Total 18:2-DAG		100	100	914?	18:2	0.1 ± 0.1	0 ± 0
28:1	18:1	0.1 ± 0.1	0.8 ± 0.7	916?	18:2	0.2 ± 0.1	0 ± 0
30:1	18:1	0 ± 0	2 ± 1.7	922?	18:2	0 ± 0	0 ± 0
32:1	18:1	0.5 ± 0.5	0.8 ± 1.4	928?	18:2	0.2 ± 0.1	0.6 ± 1.1
32:0	18:1	0 ± 0	7.9 ± 11.3	930?	18:2	0.1 ± 0.1	0.1 ± 0.1
34:6	18:1	0 ± 0	0.3 ± 0.6	56:2	18:2	0 ± 0	0 ± 0
34:3	18:1	0.2 ± 0.2	3.6 ± 5.4	958?	18:2	0.2 ± 0.1	0 ± 0
34:2	18:1	12.2 ± 0.3	17.9 ± 6.7	58:2	18:2	0.3 ± 0	0.1 ± 0
34:1	18:1	17.1 ± 1.1	18.9 ± 7.6	60:2	18:2	0.2 ± 0.1	0 ± 0
34:0	18:1	0 ± 0	0 ± 0	988?	18:2	0.2 ± 0.1	0 ± 0
36:5	18:1	0.1 ± 0.1	0 ± 0	Total 18:2-TAG		100	100
36:4	18:1	5.2 ± 0.5	5.1 ± 4.1	40:2	18:1	0.3 ± 0.1	0.8 ± 0.6
36:3	18:1	20.1 ± 2.5	11.5 ± 0.9	40:1	18:1	0.2 ± 0.1	0.2 ± 0.3
36:2	18:1	37.3 ± 1.1	26.1 ± 3.3	41:2	18:1	0 ± 0	0 ± 0
36:1	18:1	7 ± 0.4	2 ± 0.6	41:1	18:1	0 ± 0	0.2 ± 0.1
36:0	18:1	0 ± 0	0.3 ± 0.5	41:0	18:1	0 ± 0	0 ± 0
38:7	18:1	0 ± 0	1.2 ± 2.1	42:2	18:1	0 ± 0	0.1 ± 0.1
38:4	18:1	0 ± 0	0 ± 0	C?	18:1	0 ± 0	0 ± 0
38:3	18:1	0.1 ± 0.2	0.1 ± 0.3	43:2	18:1	0 ± 0	0.1 ± 0.1
40:7	18:1	0 ± 0	0.6 ± 0.6	44:2	18:1	0 ± 0	0.1 ± 0.1
40:5	18:1	0 ± 0	0.9 ± 1.3	44:1	18:1	0 ± 0	0.2 ± 0.2
Total 18:1-DAG		100	100	46:3	18:1	0 ± 0	0.2 ± 0.1
28:0	18:0	7.1 ± 3.6	0 ± 0	46:2	18:1	0.1 ± 0	1 ± 0.6
32:1	18:0	0 ± 0	3.1 ± 3	46:1	18:1	0 ± 0	0.7 ± 0.3
32:0	18:0	0.2 ± 0.2	3.9 ± 3.2	47:1	18:1	0 ± 0	0.5 ± 0.6
34:6	18:0	0.1 ± 0.1	0 ± 0	47:0	18:1	0 ± 0	0.7 ± 0.2
34:1	18:0	8.3 ± 3.1	6.1 ± 2.9	48:3	18:1	0 ± 0	0.3 ± 0.1
34:0	18:0	1 ± 0.2	22.5 ± 20.6	48:2	18:1	0.4 ± 0	1.2 ± 0.2
36:6	18:0	0 ± 0	0 ± 0	48:1	18:1	0.3 ± 0.1	9.7 ± 2.6
36:3	18:0	0.6 ± 0.4	0 ± 0	O?	18:1	0 ± 0	0 ± 0
36:2	18:0	28.5 ± 4.7	3.1 ± 4.1	49:2	18:1	0.1 ± 0	0.2 ± 0.1
36:1	18:0	53.7 ± 10.8	6.1 ± 6	49:1	18:1	0 ± 0	0.5 ± 0.5
36:0	18:0	0.2 ± 0.3	20.7 ± 4.9	50:4	18:1	0.2 ± 0	0.1 ± 0.1
38:7	18:0	0.1 ± 0.2	25.6 ± 26	50:3	18:1	2.3 ± 0.2	2.8 ± 0.7
38:6	18:0	0 ± 0	0.7 ± 1.2	50:2	18:1	3.8 ± 0.2	4.8 ± 0.3
38:3	18:0	0.1 ± 0.1	0 ± 0	50:1	18:1	0.6 ± 0.1	2.1 ± 0.3
40:7	18:0	0.1 ± 0.2	8.3 ± 7.7	864?	18:1	0.2 ± 0	0.2 ± 0.1
Total 18:0-DAG		100	100	52:6	18:1	0 ± 0	0 ± 0
				52:5	18:1	1.1 ± 0	0.2 ± 0
44:2	16:1	0 ± 0	0 ± 0	52:4	18:1	6.5 ± 0.4	3.2 ± 2.2
46:3	16:1	0.1 ± 0.2	31.6 ± 6.8	52:3	18:1	15.4 ± 0.2	29.8 ± 7.1
46:2	16:1	0 ± 0	10.9 ± 1.1	52:2	18:1	9.5 ± 0.4	9.1 ± 2.6
46:1	16:1	0 ± 0	4.1 ± 2.3	52:1	18:1	0.9 ± 0.1	0.6 ± 0.2
47:2	16:1	0 ± 0	9.3 ± 4.3	886?	18:1	1.1 ± 0	0.3 ± 0.4
47:1	16:1	0 ± 0	2.4 ± 1.8	53:3	18:1	1.7 ± 0	0.6 ± 0.2
M?	16:1	0 ± 0	0.1 ± 0.2	53:2	18:1	0.8 ± 0.1	0.5 ± 0.1
48:3	16:1	2.6 ± 0	1.2 ± 0.9	892?	18:1	0.1 ± 0	0 ± 0
48:2	16:1	3.1 ± 0.3	6 ± 3.7	898?	18:1	7.9 ± 0.3	4.1 ± 1.4
48:1	16:1	0.3 ± 0.1	1.9 ± 1.1	900?	18:1	14 ± 0.7	8.4 ± 2.9
O?	16:1	0.8 ± 0	0.1 ± 0.1	54:3	18:1	20.9 ± 0.3	11.2 ± 5.8
49:2	16:1	0.6 ± 0.1	2.2 ± 1.6	54:2	18:1	7.1 ± 0.5	3.3 ± 0.9
50:4	16:1	8.2 ± 0.5	1.6 ± 1.8	54:1	18:1	0.3 ± 0.2	0.3 ± 0.3
50:3	16:1	18.1 ± 0.9	5 ± 2.9	914?	18:1	0.1 ± 0	0.2 ± 0.2
50:2	16:1	9.7 ± 1.2	2.9 ± 1.5	916?	18:1	0.3 ± 0	0.3 ± 0.3
50:1	16:1	0.5 ± 0.1	0.9 ± 0.9	918?	18:1	0.3 ± 0	0.2 ± 0.1
864?	16:1	0 ± 0	4.9 ± 1.9	920?	18:1	0 ± 0	0 ± 0
866?	16:1	0.1 ± 0.1	1.9 ± 0.9	928?	18:1	0.2 ± 0	0.1 ± 0.1
52:6	16:1	2.1 ± 0.4	2.2 ± 1.4	930?	18:1	0.2 ± 0	0.4 ± 0.5
52:5	16:1	8.4 ± 0.3	0.7 ± 0.6	56:2	18:1	0.2 ± 0.1	0.1 ± 0
52:4	16:1	17.7 ± 0.9	1.9 ± 1.5	56:1	18:1	0.1 ± 0	0 ± 0
52:3	16:1	21.5 ± 0.4	2.5 ± 1.6	946?	18:1	0 ± 0	0 ± 0
52:2	16:1	5.6 ± 0.1	0.2 ± 0.3	958?	18:1	0 ± 0	0 ± 0
52:1	16:1	0.1 ± 0.1	5.4 ± 4.8	58:2	18:1	0.3 ± 0	0.2 ± 0.2
886?	16:1	0 ± 0	0 ± 0	58:1	18:1	0.2 ± 0	0 ± 0
53:3	16:1	0 ± 0	0 ± 0	976?	18:1	0.1 ± 0	0 ± 0

58:2	16:1	0.4 ± 0.2	0 ± 0	60:2	18:1	0.7 ± 0.1	0.1 ± 0.1
Total 16:1-TAG		100	100	988?	18:1	0.7 ± 0.1	0.1 ± 0.1
40:4	16:0	0 ± 0	2.4 ± 2.6	60:1	18:1	0.2 ± 0	0 ± 0
40:0	16:0	0 ± 0	0.8 ± 0.2	Total 18:1-TAG		100	100
42:0	16:0	0 ± 0	0.9 ± 0.2	40:1	18:0	0 ± 0	0.4 ± 0.1
43:0	16:0	0 ± 0	0.6 ± 0.2	40:0	18:0	0 ± 0	0.4 ± 0.4
E?	16:0	0 ± 0	1.3 ± 0.1	46:1	18:0	0 ± 0	0.4 ± 0.4
44:2	16:0	0 ± 0	0.4 ± 0.1	46:0	18:0	0 ± 0	0.8 ± 0.3
44:1	16:0	0 ± 0	1 ± 0.4	48:2	18:0	0 ± 0	0.2 ± 0.1
44:0	16:0	0 ± 0	2.5 ± 0.7	48:1	18:0	0.1 ± 0.1	1 ± 0.7
45:3	16:0	0 ± 0	6.1 ± 6.3	48:0	18:0	0.1 ± 0	7.2 ± 3.4
45:2	16:0	0 ± 0	1.9 ± 1.7	49:1	18:0	0.1 ± 0	0.1 ± 0.1
45:1	16:0	0 ± 0	0.7 ± 0.1	P?	18:0	0 ± 0	0.5 ± 0.1
45:0	16:0	0 ± 0	2.2 ± 0.2	50:3	18:0	0.1 ± 0	0 ± 0
46:2	16:0	0 ± 0	2 ± 1.2	50:2	18:0	1.7 ± 0.1	1.1 ± 0.4
46:1	16:0	0.2 ± 0.1	2.6 ± 0.3	50:1	18:0	3 ± 0.2	5 ± 0.7
46:0	16:0	0.1 ± 0.1	5.9 ± 0.3	50:0	18:0	0.2 ± 0.2	3.9 ± 1.9
47:1	16:0	0 ± 0	0.4 ± 0.5	864?	18:0	0.6 ± 0.1	0.8 ± 0.5
47:0	16:0	0.2 ± 0.1	1.2 ± 0.6	866?	18:0	0.1 ± 0	0.4 ± 0.3
K?	16:0	0.1 ± 0.1	2.7 ± 0.3	52:4	18:0	0.7 ± 0	0 ± 0
48:3	16:0	0.2 ± 0	0.3 ± 0.1	52:3	18:0	5.2 ± 0.3	1.3 ± 0.8
48:2	16:0	1.8 ± 0	2.7 ± 0.5	52:2	18:0	15.6 ± 1	49.1 ± 7.4
48:1	16:0	2.8 ± 0.1	4.9 ± 0.7	52:1	18:0	10.6 ± 1.1	6.4 ± 0.5
48:0	16:0	0.3 ± 0.1	8.1 ± 0.9	886?	18:0	0.1 ± 0.1	0 ± 0
O?	16:0	0.1 ± 0	0 ± 0	53:3	18:0	0.9 ± 0	0 ± 0
49:2	16:0	0.7 ± 0	0.6 ± 0.2	53:2	18:0	1.6 ± 0.1	0.5 ± 0.5
49:1	16:0	0.6 ± 0	1.4 ± 0.3	892?	18:0	1 ± 0.3	2.3 ± 0.7
P?	16:0	0.1 ± 0	1.4 ± 0.4	898?	18:0	1.2 ± 0.2	0.1 ± 0.1
50:4	16:0	0.7 ± 0	0.2 ± 0.3	900?	18:0	6.8 ± 0.7	1.4 ± 0.9
50:3	16:0	6.8 ± 0.2	2.2 ± 0.8	54:3	18:0	13.6 ± 0.7	5.4 ± 1.6
50:2	16:0	14.5 ± 0.5	7.2 ± 3	54:2	18:0	24 ± 0.8	7.2 ± 3.5
50:1	16:0	9.2 ± 0.6	8.3 ± 1.6	54:1	18:0	9.5 ± 1.5	2.3 ± 1.2
50:0	16:0	0.1 ± 0	4 ± 1.4	54:0	18:0	0 ± 0.1	1.3 ± 0.1
864?	16:0	0.9 ± 0.1	0.7 ± 0.3	914?	18:0	0 ± 0	0 ± 0
866?	16:0	0 ± 0	0.6 ± 0.4	916?	18:0	0.1 ± 0	0.1 ± 0.1
52:6	16:0	0 ± 0	0 ± 0	918?	18:0	0.1 ± 0	0.1 ± 0.1
52:5	16:0	1.4 ± 0.3	0.2 ± 0.2	920?	18:0	0.2 ± 0	0 ± 0
52:4	16:0	9 ± 1	3.7 ± 2.2	930?	18:0	0.1 ± 0	0 ± 0.1
52:3	16:0	20.3 ± 1	7.5 ± 4.7	56:2	18:0	0.2 ± 0.1	0 ± 0
52:2	16:0	19.7 ± 0.8	6.1 ± 2.8	56:1	18:0	0.2 ± 0.1	0 ± 0
52:1	16:0	7.1 ± 0.7	2.8 ± 0.6	56:0	18:0	0 ± 0	0 ± 0
886?	16:0	0 ± 0	0 ± 0	58:1	18:0	0.4 ± 0.1	0.1 ± 0.1
53:3	16:0	0.1 ± 0.1	0 ± 0	58:0	18:0	0.1 ± 0	0.1 ± 0.2
53:2	16:0	0.1 ± 0	0.1 ± 0.1	976?	18:0	0.1 ± 0	0 ± 0
892?	16:0	0.2 ± 0.1	0.3 ± 0.5	60:2	18:0	0.3 ± 0.1	0 ± 0
900?	16:0	0 ± 0	0 ± 0	988?	18:0	0.3 ± 0.1	0 ± 0
54:3	16:0	0.1 ± 0.1	0.1 ± 0.2	60:1	18:0	1.2 ± 0.2	0.2 ± 0.2
54:2	16:0	0.2 ± 0	0.3 ± 0.3	60:0	18:0	0 ± 0	0 ± 0
54:1	16:0	0.2 ± 0	0.1 ± 0	Total 18:0-TAG		100	100

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