SUPPLEMENTARY MATERIAL

Table S1. Summary of specimens, including scientific name, species abbreviations, stranding ID, age class (with total length in cm), sex and locations of tissues obtained. Not shown is (Ss) *Sus scrofa domesticus* – domesticated pig back fat, which was obtained courtesy of Harris Teeter, Wilmington, NC.

Scientific Name	Common Name	Species Code	ID#	Life History Category *(Total Length)*		Sex	Fat Samples		
							Blubber†	IMFB	EMFB
Physeter macrocephalus	**sperm whale**	**Pm**	CAHA142	Adult	*(1022 cm)*	Female	Thoracic	Right	Right
Kogia breviceps	**pygmy sperm whale**	**Kb**	KLC078	Adult	*(316 cm)*	Female	Thoracic	Right	Right
			KLC135	Adult	*(252.5 cm)*	Female	Nuchal	Left	Right
			SWT009	Adult	*(328.5 cm)*	Male	Thoracic	Right	Right
Mesoplodon densirostris	**Blainville's beaked whale**	**Md**	NCARI020	NA	*(399 cm)*	Male	Thoracic	Right	Right
Mesoplodon europaeus	**Gervais' beaked whale**	**Me**	NA*	NA	*(NA)*	NA	Nuchal	Left	Left
Monodon monoceros	**narwhal**	**Mm**	STR15146	Adult	*(NA)*	Male	NA	NA	Left
Stenella frontalis	**Atlantic spotted dolphin**	**Sf**	CAHA127††	Adult	*(209.5 cm)*	Female	Thoracic	Right	Right
			CAHA126††	NA	*(203 cm)*	Female	Thoracic	Right	Right
			CAHA122††	Adult	*(228 cm)*	Male	Thoracic	Right	Right
Globicephala macrorhynchus	**short-finned pilot whale**	**Gm**	RT49**	Adult	*(375 cm)*	Female	Thoracic	Right	Right
			RT105**	Adult	*(375 cm)*	Female	Thoracic	Right	Right
			RT106**	Adult	*(368 cm)*	Female	Thoracic	Right	Right

†Thoracic and nuchal blubber have been shown to exhibit negligible differences in lipid composition (H. Koopman, pers. comm./unpublished data).

*This animal did not have any stranding data, but was genetically identified as *M. europaeus*.

††These three *S. frontalis* animals were part of the same mass stranding event on 31 October 2012 off Cape Hatteras, NC.

**These three *G. macrorhynchus* animals were part of the same mass stranding event on 15-16 January 2005 (Hohn et al., 2006).

REFERENCES

Hohn, A. A., Rotstein, D. S., Harms, C. A. and Southall, B. L. (2006). "Report on Marine Mammal Unusual Mortality Event UMESE0501Sp: Multispecies Mass Stranding of Pilot Whales (*Globicephala macrorhynchus*), Minke Whale (*Balaenoptera acutorostrata*), and Dwarf Sperm Whales (*Kogia sima*) in North Carolina on 15-16 January 2005." US Department of Commerce, NOAA and National Marine Fisheries Service, March 2006.

Table S2. Percentages (mol% of total FA/FAlc profile, including both TAG and WE lipid components) of major FAs and FAlcs constituting pig back fat and blubber from odontocetes examined in this study. Components that did not constitute more than 1.0 mol% of any one sample are excluded. For specimens with n>1, the mean with standard deviation is reported.

Lipid Component	Ss	Pm	Kb*	Md	Me	Sf	Gm
TAG FA *i*-5:0	0.0	0.0	0.0	0.0	0.0	5.2 ± 0.4	0.7 ± 0.1
TAG FA *i*-10:0	0.0	<0.1	<0.1	0.0	<0.1	<0.1	<0.1
TAG FA 10:0	0.1	<0.1	<0.1	0.0	0.1	0.1 ± 0.02	0.1 ± 0.02
TAG FA *i*-11:0	0.0	<0.1	<0.1	0.0	<0.1	0.1 ± 0.03	<0.1
TAG FA *i*-12:0	0.0	<0.1	<0.1	0.0	0.1	0.1 ± 0.04	<0.1
TAG FA 12:0	0.1	<0.1	<0.1	0.0	0.2	0.5 ± 0.1	0.3 ± 0.04
TAG FA *i*-13:0	0.0	<0.1	<0.1	0.0	<0.1	0.1 ± 0.1	<0.1
TAG FA *ai*-13:0	0.0	0.0	<0.1	0.0	<0.1	0.1 ± 0.1	0.0
TAG FA *i*-14:0	0.0	<0.1	<0.1	0.0	<0.1	0.2 ± 0.04	0.1 ± 0.02
TAG FA 14:0	1.6	0.1	<0.1	0.0	0.7	8.4 ± 0.5	4.4 ± 0.8
TAG FA 14:1n-9	0.0	<0.1	0.3 ± 0.2	0.0	<0.1	0.1 ± 0.1	0.1 ± 0.01
TAG FA 14:1n-7	0.0	<0.1	<0.1	0.0	0.1	0.2 ± 0.1	0.1 ± 0.01
TAG FA 14:1n-5	0.0	<0.1	<0.1	0.0	0.1	1.0 ± 0.9	0.5 ± 0.2
TAG FA *i*-15:0	0.0	<0.1	<0.1	0.0	<0.1	0.6 ± 0.1	0.2 ± 0.05
TAG FA *ai*-15:0	0.0	<0.1	<0.1	0.0	<0.1	0.3 ± 0.1	<0.1

TAG FA 15:0	0.1	<0.1	<0.1	0.0	0.1	1.3 ± 0.1	0.7 ± 0.1
TAG FA *i*-16:0	0.0	<0.1	<0.1	0.0	<0.1	0.2 ± 0.1	0.1 ± 0.03
TAG FA 16:0	23.4	0.2	0.7 ± 0.2	0.0	1.7	12.0 ± 0.7	16.7 ± 0.8
TAG FA 16:1n-9	0.5	<0.1	0.1 ± 0.1	0.0	0.7	0.8 ± 0.3	1.2 ± 0.1
TAG FA 16:1n-7	2.3	0.2	0.4 ± 0.2	0.0	1.8	13.9 ± 1.5	8.7 ± 2.9
TAG FA 18:0	10.1	<0.1	0.4 ± 0.1	0.0	0.2	2.1 ± 0.1	3.8 ± 0.3
TAG FA 18:1n-11	0.0	<0.1	0.6 ± 0.3	0.0	1.5	1.0 ± 0.6	0.1 ± 0.1
TAG FA 18:1n-9	39.0	0.3	0.9 ± 0.3	0.0	3.1	22.9 ± 3.4	46.9 ± 5.5
TAG FA 18:1n-7	2.8	<0.1	0.1 ± 0.03	0.0	0.3	2.4 ± 0.2	3.3 ± 0.1
TAG FA 18:2n-6	19.7	<0.1	<0.1	0.0	0.1	1.4 ± 0.03	0.6 ± 0.1
TAG FA 20:1n-11	0.0	<0.1	0.1 ± 0.1	0.0	0.5	0.9 ± 0.4	0.5 ± 0.1
TAG FA 20:1n-9	0.0	0.1	0.2 ± 0.2	0.0	0.8	3.5 ± 0.6	4.3 ± 0.3
TAG FA 20:4n-6	0.2	<0.1	0.0	0.0	0.0	1.1 ± 0.2	0.6 ± 0.2
TAG FA 20:5n-3	0.0	<0.1	0.0	0.0	0.0	2.4 ± 0.6	0.7 ± 0.4
TAG FA 22:1n-11	0.0	0.1	0.2 ± 0.2	0.0	1.1	2.2 ± 1.1	0.3 ± 0.1
TAG FA 22:5n-3	0.1	<0.1	<0.1	0.0	<0.1	2.2 ± 0.3	0.8 ± 0.3
TAG FA 22:6n-3	0.0	<0.1	<0.1	0.0	0.1	10.7 ± 2.2	2.5 ± 1.4
WE FA *i*-5:0	0.0	0.0	0.0	<0.1	<0.1	0.0	0.0
WE FA *i*-10:0	0.0	0.0	<0.1	<0.1	<0.1	0.0	0.0

WE FA 10:0	0.0	0.2	0.2 ± 0.1	0.1	0.1	0.0	0.0
WE FA *i*-11:0	0.0	<0.1	<0.1	<0.1	<0.1	0.0	0.0
WE FA *i*-12:0	0.0	<0.1	<0.1	<0.1	0.1	0.0	0.0
WE FA 12:0	0.0	1.1	0.7 ± 0.1	0.3	0.4	0.0	0.0
WE FA *i*-14:0	0.0	0.1	<0.1	<0.1	<0.1	0.0	0.0
WE FA 14:0	0.0	3.5	3.0 ± 0.1	2.7	2.4	0.0	0.0
WE FA 14:1n-9	0.0	0.7	0.2 ± 0.1	0.1	0.2	0.0	0.0
WE FA 14:1n-7	0.0	0.8	0.2 ± 0.1	0.1	0.2	0.0	0.0
WE FA 14:1n-5	0.0	1.4	0.6 ± 0.1	0.4	0.9	0.0	0.0
WE FA *i*-15:0	0.0	0.1	0.1 ± 0.02	<0.1	0.2	0.0	0.0
WE FA 15:0	0.0	0.2	0.2 ± 0.1	0.2	0.1	0.0	0.0
WE FA 16:0	0.0	3.3	4.2 ± 1.3	3.4	1.6	0.0	0.0
WE FA 16:1n-11	0.0	0.3	0.1 ± 0.1	<0.1	0.4	0.0	0.0
WE FA 16:1n-9	0.0	2.7	0.8 ± 0.2	0.8	1.0	0.0	0.0
WE FA 16:1n-7	0.0	8.4	6.0 ± 1.5	5.6	7.4	0.0	0.0
WE FA 18:1n-11	0.0	1.5	0.6 ± 0.6	0.0	1.1	0.0	0.0
WE FA 18:1n-9	0.0	9.7	17.5 ± 6.0	26.4	15.3	0.0	0.0
WE FA 18:1n-7	0.0	0.3	0.6 ± 0.2	1.1	1.2	0.0	0.0
WE FA 20:1n-11	0.0	3.1	1.6 ± 1.1	0.9	2.0	0.0	0.0

WE FA 20:1n-9	0.0	3.9	4.8 ± 0.9	4.2	3.8	0.0	0.0
WE FA 22:1n-11	0.0	5.3	4.3 ± 4.3	0.0	2.8	0.0	0.0
WE FAlc 14:0	0.0	1.3	1.2 ± 0.3	0.7	1.4	0.0	0.0
WE FAlc *i*-15:0	0.0	0.2	0.2 ± 0.1	0.4	0.9	0.0	0.0
WE FAlc 15:0	0.0	0.3	0.5 ± 0.1	0.4	0.4	0.0	0.0
WE FAlc *i*-16:0	0.0	0.1	0.3 ± 0.2	1.1	2.8	0.0	0.0
WE FAlc 16:0	0.0	9.7	14.2 ± 1.4	13.5	11.4	0.0	0.0
WE FAlc 16:1n-7	0.0	5.5	2.5 ± 0.5	1.9	3.3	0.0	0.0
WE FAlc 18:0	0.0	1.6	2.5 ± 0.4	3.7	1.4	0.0	0.0
WE FAlc 18:1n-9	0.0	25.0	23.1 ± 1.7	23.4	16.1	0.0	0.0
WE FAlc 18:1n-7	0.0	0.0	0.0	2.5	2.6	0.0	0.0
WE FAlc 20:1n-9	0.0	4.3	2.0 ± 1.4	0.1	0.9	0.0	0.0

*The TAG FAs of one *K. breviceps* blubber sample could not be quantified. Therefore, the average Kb TAG FAs represent two individual animals, while the WE FAs and WE FAlcs represent three individual animals.

Table S3. Percentages (mol% of total FA/FAlc profile, including both TAG and WE lipid components) of major FAs and FAlcs constituting IMFBs from odontocetes examined in this study. Components that did not constitute more than 1.0 mol% of any one sample are excluded. For specimens with n>1, the mean with standard deviation is reported.

Lipid Component	Pm	Kb	Md	Me	Sf*	Gm
TAG FA *i*-5:0	<0.1	0.0	0.2	1.0	51.7 ± 2.2	53.4 ± 1.8
TAG FA *i*-10:0	0.0	0.1 ± 0.1	4.6	4.9	<0.1	<0.1
TAG FA 10:0	0.1	1.6 ± 1.0	3.1	6.0	0.1 ± 0.01	<0.1
TAG FA *i*-11:0	0.0	0.1 ± 0.03	1.4	3.8	0.5 ± 0.1	0.4 ± 0.1
TAG FA *i*-12:0	<0.1	0.5 ± 0.4	11.4	12.9	0.4 ± 0.05	0.4 ± 0.1
TAG FA 12:0	1.1	7.6 ± 5.0	2.5	10.3	0.3 ± 0.04	0.1 ± 0.01
TAG FA *i*-13:0	<0.1	0.1 ± 0.1	0.4	2.4	0.9 ± 0.1	0.9 ± 0.2
TAG FA *ai*-13:0	0.0	0.1 ± 0.1	0.5	0.6	0.2 ± 0.02	<0.1
TAG FA *i*-14:0	<0.1	0.6 ± 0.5	1.3	4.4	2.2 ± 0.2	3.7 ± 0.7
TAG FA 14:0	3.4	11.8 ± 3.8	0.2	3.0	6.3 ± 0.4	2.6 ± 0.2
TAG FA 14:1n-9	0.5	3.3 ± 2.0	0.1	1.0	<0.1	<0.1
TAG FA 14:1n-7	0.3	1.0 ± 0.5	0.1	0.5	0.1 ± 0.01	0.1 ± 0.02
TAG FA 14:1n-5	0.3	0.4 ± 0.4	<0.1	<0.1	0.4 ± 0.1	0.5 ± 0.1
TAG FA *i*-15:0	<0.1	0.3 ± 0.1	<0.1	0.6	9.6 ± 0.9	8.6 ± 1.4
TAG FA *ai*-15:0	<0.1	0.1 ± 0.05	<0.1	0.2	1.2 ± 0.1	0.3 ± 0.1

TAG FA 15:0	0.1	0.7 ± 0.1	<0.1	0.1	0.8 ± 0.1	0.4 ± 0.1
TAG FA *i*-16:0	<0.1	0.4 ± 0.2	0.2	0.9	1.5 ± 0.1	2.3 ± 0.5
TAG FA 16:0	4.1	15.5 ± 2.3	0.2	2.5	7.1 ± 0.7	2.7 ± 0.1
TAG FA 16:1n-9	2.1	6.3 ± 2.0	0.1	2.1	0.6 ± 0.1	0.5 ± 0.1
TAG FA 16:1n-7	2.7	8.0 ± 1.0	<0.1	1.0	4.5 ± 0.8	4.3 ± 0.5
TAG FA 18:0	0.4	1.2 ± 0.8	<0.1	0.5	0.3 ± 0.1	0.1 ± 0.01
TAG FA 18:1n-11	0.9	1.2 ± 1.0	0.0	0.9	0.2 ± 0.04	<0.1
TAG FA 18:1n-9	4.1	18.7 ± 10.2	0.1	2.9	3.9 ± 0.2	4.3 ± 1.0
TAG FA 18:1n-7	0.2	1.2 ± 0.8	<0.1	0.4	0.4 ± 0.01	0.2 ± 0.1
TAG FA 18:2n-6	0.1	0.4 ± 0.2	0.0	0.1	0.2 ± 0.2	<0.1
TAG FA 20:1n-11	0.2	0.4 ± 0.3	0.0	0.3	<0.1	<0.1
TAG FA 20:1n-9	0.4	1.4 ± 1.0	0.0	0.9	0.1 ± 0.01	0.1 ± 0.1
TAG FA 20:4n-6	0.0	0.1 ± 0.1	0.0	<0.1	<0.1	<0.1
TAG FA 20:5n-3	0.0	0.1 ± 0.1	0.0	<0.1	<0.1	<0.1
TAG FA 22:1n-11	1.0	0.7 ± 0.7	0.0	0.6	0.1 ± 0.03	0.1 ± 0.1
TAG FA 22:5n-3	<0.1	0.1 ± 0.1	0.0	<0.1	<0.1	<0.1
TAG FA 22:6n-3	<0.1	0.3 ± 0.3	0.0	0.1	0.1 ± 0.01	<0.1
WE FA *i*-5:0	0.0	<0.1	<0.1	0.0	NA	4.5 ± 1.6
WE FA *i*-10:0	<0.1	0.1 ± 0.1	4.9	0.9	NA	<0.1

WE FA 10:0	0.4	0.4 ± 0.3	3.6	1.2	NA	<0.1
WE FA *i*-11:0	<0.1	<0.1	1.6	0.7	NA	<0.1
WE FA *i*-12:0	0.1	0.3 ± 0.3	15.9	3.8	NA	<0.1
WE FA 12:0	4.3	1.9 ± 1.4	4.0	3.5	NA	<0.1
WE FA *i*-14:0	<0.1	0.1 ± 0.1	2.3	1.4	NA	<0.1
WE FA 14:0	5.6	0.6 ± 0.3	0.3	0.4	NA	<0.1
WE FA 14:1n-9	2.5	0.7 ± 0.5	0.2	0.0	NA	<0.1
WE FA 14:1n-7	1.0	0.1 ± 0.1	0.1	0.1	NA	<0.1
WE FA 14:1n-5	0.4	<0.1	<0.1	<0.1	NA	<0.1
WE FA *i*-15:0	0.1	<0.1	0.1	0.3	NA	0.2 ± 0.2
WE FA 15:0	0.2	<0.1	<0.1	<0.1	NA	0.4 ± 0.3
WE FA 16:0	4.8	0.3 ± 0.1	0.2	0.3	NA	0.8 ± 0.1
WE FA 16:1n-11	1.0	0.1 ± 0.05	0.0	0.1	NA	0.1 ± 0.01
WE FA 16:1n-9	3.1	0.1 ± 0.1	0.2	0.0	NA	<0.1
WE FA 16:1n-7	4.4	0.3 ± 0.1	<0.1	0.3	NA	0.3 ± 0.1
WE FA 18:1n-11	1.1	<0.1	<0.1	0.1	NA	<0.1
WE FA 18:1n-9	5.8	0.8 ± 0.5	0.1	0.6	NA	0.1 ± 0.05
WE FA 18:1n-7	0.3	<0.1	<0.1	0.1	NA	<0.1
WE FA 20:1n-11	0.0	<0.1	<0.1	0.1	NA	<0.1

WE FA 20:1n-9	0.9	0.1 ± 0.05	<0.1	0.2	NA	<0.1
WE FA 22:1n-11	1.0	<0.1	0.0	0.1	NA	0.0
WE FAlc 14:0	1.6	0.2 ± 0.1	0.9	0.6	NA	0.1 ± 0.02
WE FAlc *i*-15:0	0.1	0.0	1.2	0.9	NA	1.6 ± 0.7
WE FAlc 15:0	0.5	0.2 ± 0.1	0.7	0.3	NA	0.1 ± 0.02
WE FAlc *i*-16:0	2.3	0.6 ± 0.5	22.8	7.8	NA	2.6 ± 0.6
WE FAlc 16:0	16.1	3.6 ± 1.6	7.4	5.4	NA	1.3 ± 0.5
WE FAlc 16:1n-7	2.4	0.2 ± 0.1	0.3	<0.1	NA	0.2 ± 0.1
WE FAlc 18:0	1.2	0.3 ± 0.1	0.5	0.2	NA	0.1 ± 0.03
WE FAlc 18:1n-9	10.7	1.4 ± 0.3	1.0	0.7	NA	0.5 ± 0.2
WE FAlc 18:1n-7	2.2	0.0	0.2	0.0	NA	0.0
WE FAlc 20:1n-9	0.4	<0.1	0.0	<0.1	NA	<0.1

*The WE components of all three *S. frontalis* IMFB samples could not be quantified. Therefore, only the average TAG FAs are reported.

Table S4. Percentages (mol% of total FA/FAlc profile, including both TAG and WE lipid components) of major FAs and FAlcs constituting EMFBs from odontocetes examined in this study. Components that did not constitute more than 1.0 mol% of any one sample are excluded. For specimens with n>1, the mean with standard deviation is reported.

Lipid Component	Pm	Kb	Md	Me	Mm*	Sf	Gm
TAG FA *i*-5:0	<0.1	0.1 ± 0.1	0.5	1.1	48.7	53.3 ± 2.5	43.4 ± 3.4
TAG FA *i*-10:0	0.0	0.6 ± 0.5	4.6	9.0	0.1	<0.1	<0.1
TAG FA 10:0	<0.1	2.6 ± 1.8	6.5	8.1	0.4	<0.1	<0.1
TAG FA *i*-11:0	0.0	0.2 ± 0.1	2.3	7.6	1.8	0.4 ± 0.1	0.2 ± 0.03
TAG FA *i*-12:0	<0.1	1.3 ± 1.1	21.0	22.7	0.8	0.1 ± 0.1	0.1 ± 0.01
TAG FA 12:0	0.1	9.3 ± 7.9	9.0	11.6	1.8	0.2 ± 0.1	<0.1
TAG FA *i*-13:0	0.0	0.1 ± 0.1	1.5	4.2	2.9	0.8 ± 0.1	0.6 ± 0.1
TAG FA *ai*-13:0	0.0	0.1 ± 0.1	1.3	1.2	0.2	0.1 ± 0.04	<0.1
TAG FA *i*-14:0	<0.1	1.3 ± 1.0	3.4	4.4	1.6	1.8 ± 0.2	3.4 ± 0.5
TAG FA 14:0	0.2	6.5 ± 5.9	0.7	0.7	5.6	4.0 ± 0.7	1.4 ± 0.2
TAG FA 14:1n-9	<0.1	2.1 ± 1.7	0.7	0.3	0.5	<0.1	<0.1
TAG FA 14:1n-7	<0.1	0.6 ± 0.5	0.3	0.2	0.7	0.1 ± 0.02	<0.1
TAG FA 14:1n-5	<0.1	0.4 ± 0.3	<0.1	0.1	0.4	0.2 ± 0.1	0.1 ± 0.01
TAG FA *i*-15:0	<0.1	0.2 ± 0.1	0.1	0.3	8.3	11.1 ± 0.5	10 ± 1.4
TAG FA *ai*-15:0	<0.1	0.1 ± 0.1	0.1	0.1	0.4	0.9 ± 0.1	0.2 ± 0.03

TAG FA 15:0	<0.1	0.3 ± 0.2	<0.1	0.1	0.4	0.4 ± 0.1	0.2 ± 0.03
TAG FA *i*-16:0	0.0	0.6 ± 0.5	0.3	0.3	1.2	0.9 ± 0.1	1.7 ± 0.1
TAG FA 16:0	0.2	5.0 ± 4.4	0.5	0.6	5.1	3.2 ± 0.5	1.2 ± 0.3
TAG FA 16:1n-9	0.1	2.3 ± 1.8	0.7	0.3	1.4	0.2 ± 0.1	0.1 ± 0.03
TAG FA 16:1n-7	0.2	2.4 ± 2.3	0.1	0.1	9.3	2.0 ± 0.6	0.8 ± 0.2
TAG FA 18:0	<0.1	0.1 ± 0.1	0.1	0.1	0.1	0.1 ± 0.05	<0.1
TAG FA 18:1n-11	0.1	0.3 ± 0.3	<0.1	<0.1	0.8	<0.1	<0.1
TAG FA 18:1n-9	0.2	3.2 ± 2.9	0.5	0.1	3.8	1.2 ± 0.8	0.4 ± 0.2
TAG FA 18:1n-7	<0.1	0.2 ± 0.2	0.1	0.2	0.7	0.1 ± 0.1	<0.1
TAG FA 18:2n-6	<0.1	0.1 ± 0.1	0.0	0.0	0.1	0.0	<0.1
TAG FA 20:1n-11	<0.1	0.1 ± 0.1	0.0	<0.1	0.2	0.0	0.0
TAG FA 20:1n-9	<0.1	0.3 ± 0.3	0.1	0.1	0.6	<0.1	0.0
TAG FA 20:4n-6	0.0	<0.1	0.0	0.0	0.2	0.0	<0.1
TAG FA 20:5n-3	<0.1	<0.1	0.0	0.0	0.2	<0.1	0.0
TAG FA 22:1n-11	0.1	0.4 ± 0.6	0.0	0.1	0.3	0.4 ± 0.3	0.0
TAG FA 22:5n-3	<0.1	<0.1	0.0	0.0	0.1	<0.1	0.0
TAG FA 22:6n-3	<0.1	<0.1	0.0	0.0	0.1	0.1 ± 0.1	0.0
WE FA *i*-5:0	0.1	0.0	0.0	<0.1	NA	6.1 ± 2.9	11.0 ± 1.4
WE FA *i*-10:0	<0.1	1.0 ± 0.8	1.4	1.0	NA	<0.1	<0.1
WE FA 10:0	0.2	4.3 ± 3.7	1.8	1.1	NA	<0.1	<0.1

WE FA *i*-11:0	<0.1	0.2 ± 0.1	0.7	0.8	NA	0.1 ± 0.04	0.1 ± 0.05
WE FA *i*-12:0	0.1	1.7 ± 1.3	8.3	4.4	NA	<0.1	0.1 ± 0.02
WE FA 12:0	5.1	10.0 ± 4.6	4.1	2.8	NA	<0.1	0.1 ± 0.02
WE FA *i*-14:0	0.1	0.5 ± 0.3	1.7	1.0	NA	<0.1	<0.1
WE FA 14:0	8.6	2.3 ± 2.3	0.3	0.2	NA	<0.1	0.1 ± 0.03
WE FA 14:1n-9	2.7	2.9 ± 1.9	0.4	0.1	NA	<0.1	<0.1
WE FA 14:1n-7	1.4	0.1 ± 0.1	0.1	<0.1	NA	<0.1	<0.1
WE FA 14:1n-5	0.8	0.1 ± 0.1	<0.1	<0.1	NA	0.1 ± 0.04	0.1 ± 0.05
WE FA *i*-15:0	0.1	0.2 ± 0.2	0.1	0.1	NA	0.4 ± 0.3	0.6 ± 0.6
WE FA 15:0	0.2	<0.1	<0.1	<0.1	NA	0.1 ± 0.04	1.9 ± 1.5
WE FA 16:0	4.7	0.6 ± 0.5	0.1	0.1	NA	0.6 ± 0.5	2.6 ± 0.9
WE FA 16:1n-11	1.9	0.2 ± 0.2	0.0	<0.1	NA	0.1 ± 0.03	0.1 ± 0.03
WE FA 16:1n-9	4.7	0.3 ± 0.3	0.2	<0.1	NA	0.1 ± 0.04	<0.1
WE FA 16:1n-7	5.9	0.5 ± 0.2	<0.1	<0.1	NA	0.7 ± 0.5	0.9 ± 0.2
WE FA 18:1n-11	1.7	0.1 ± 0.1	<0.1	<0.1	NA	<0.1	<0.1
WE FA 18:1n-9	6.2	0.8 ± 0.5	0.2	<0.1	NA	0.1 ± 0.1	0.2 ± 0.02
WE FA 18:1n-7	0.3	<0.1	<0.1	<0.1	NA	<0.1	<0.1
WE FA 20:1n-11	0.7	<0.1	<0.1	<0.1	NA	<0.1	<0.1
WE FA 20:1n-9	1.2	0.1 ± 0.1	0.0	<0.1	NA	<0.1	<0.1
WE FA 22:1n-11	1.4	0.1 ± 0.1	<0.1	<0.1	NA	<0.1	<0.1

WE FAlc 14:0	2.5	1.6 ± 1.1	1.0	0.5	NA	0.1 ± 0.02	0.2 ± 0.04
WE FAlc *i*-15:0	0.2	0.3 ± 0.2	0.9	1.0	NA	1.8 ± 0.8	5.7 ± 1.1
WE FAlc 15:0	0.6	0.8 ± 0.4	0.5	0.2	NA	0.2 ± 0.1	0.3 ± 0.1
WE FAlc *i*-16:0	0.5	4.8 ± 3.3	10.7	7.3	NA	2.5 ± 1.0	6.7 ± 1.6
WE FAlc 16:0	19.2	14.9 ± 9.8	6.2	3.1	NA	2.7 ± 0.7	2.9 ± 0.5
WE FAlc 16:1n-7	4.0	0.7 ± 0.5	0.2	0.1	NA	0.1 ± 0.01	0.1 ± 0.1
WE FAlc 18:0	1.5	0.9 ± 0.8	0.4	0.1	NA	0.2 ± 0.02	0.2 ± 0.1
WE FAlc 18:1n-9	18.4	4.1 ± 3.4	1.0	0.2	NA	0.5 ± 0.03	1.0 ± 0.2
WE FAlc 18:1n-7	0.0	0.3 ± 0.2	0.2	0.0	NA	0.2 ± 0.02	0.1 ± 0.1
WE FAlc 20:1n-9	0.8	0.1 ± 0.1	<0.1	0.0	NA	<0.1	0.1 ± 0.03

*The WE components of *M. monoceros* EMFB could not be quantified. Therefore, only the average TAG FAs are reported.