

Supporting information

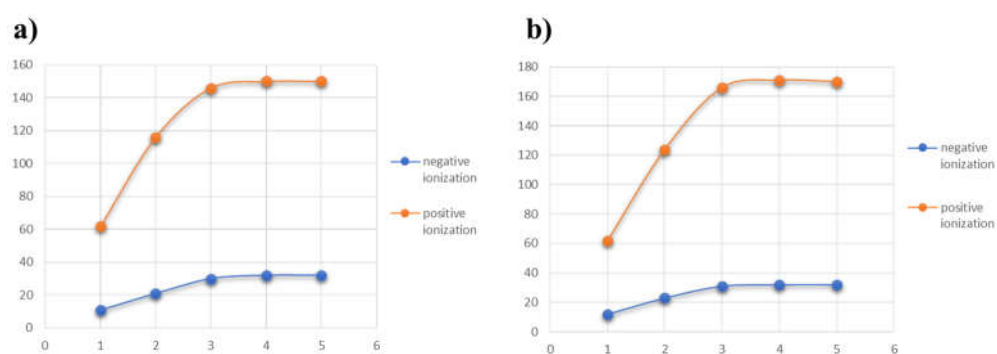


Figure S1. Number of annotated lipid features plotted as number of features annotated versus the number of iterative injections of sheep milk (a) and goat milk (b) acquired in the negative (blue) and positive (orange) ionization mode.

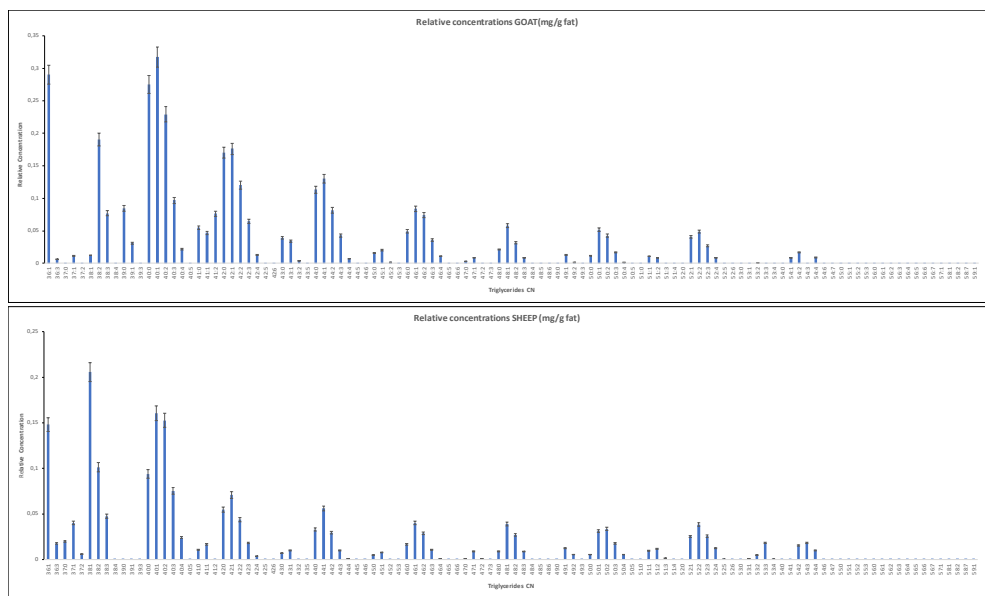


Figure S2. TAG distribution with the relative carbon number in sheep (A) and goat (B) milk samples.

Table S1. Mass spectrometry and collision cross section characteristics of lipids detected in sheep (S) and goat (G) milk samples and acquired in the positive ionization mode.

| RT (min) | <i>m/z</i> | Δ ppm | adduct | formula | lipid | milk | CCS (Å ²) |
|-------------|------------|--------------|--------------------|---|--------------|------|--------------------------|
| 0.881 | 232.1556 | 1.4 | (M+H) ⁺ | C ₁₁ H ₂₁ NO ₄ | ACar 4:0 | S | 156.81 |
| 1.131 | 520.3398 | 0.8 | (M+H) ⁺ | C ₂₆ H ₅₀ NO ₇ P | LPC 18:2 | S | 234.46 |
| 1.251 | 496.3424 | 5.0 | (M+H) ⁺ | C ₂₄ H ₅₀ NO ₇ P | LPC 16:0 | S | 209.88 |
| 1.299 | 522.3582 | 4.3 | (M+H) ⁺ | C ₂₆ H ₅₂ NO ₇ P | LPC 18:1 | S | 238.42 |
| 1.34 | 480.311 | 5.0 | (M+H) ⁺ | C ₂₃ H ₄₆ NO ₇ P | LPE 18:1 | S | 166.96 |
| 1.606 | 524.3737 | 4.3 | (M+H) ⁺ | C ₂₆ H ₅₄ NO ₇ P | LPC 18:0 | S/G | 250.15 |
| 3.035 | 650.4763 | 1.9 | (M+H) ⁺ | C ₃₄ H ₆₈ NO ₈ P | PC 26:0 | S/G | - |
| 3.655 | 675.5471 | 4.0 | (M+H) ⁺ | C ₃₇ H ₇₅ N ₂ O ₆ P | SM d32:1 | S/G | 277.2 |
| 3.787 | 678.5083 | 0.9 | (M+H) ⁺ | C ₃₆ H ₇₂ NO ₈ P | PC 14:0/14:0 | S/G | 273.33 |
| | | | | | PC 12:0/16:0 | S/G | 274.02 |
| 4.001 | 677.5599 | 1.7 | (M+H) ⁺ | C ₃₇ H ₇₇ N ₂ O ₆ P | SM d32:0 | S | - |
| 4.112 | 689.5618 | 0.1 | (M+H) ⁺ | C ₃₈ H ₇₇ N ₂ O ₆ P | SM d33:1 | S/G | 262.22 |
| 4.166 | 730.5396 | 1.1 | (M+H) ⁺ | C ₄₀ H ₇₆ NO ₈ P | PC 32:2 | S/G | - |
| 4.269 | 786.529 | 0.1 | (M+H) ⁺ | C ₄₂ H ₇₆ NO ₁₀ P | PS 18:0/18:3 | S/G | - |
| 4.494 | 756.5556 | 2.0 | (M+H) ⁺ | C ₄₂ H ₇₈ NO ₈ P | PC 34:3 | S/G | - |
| 4.613 | 703.5792 | 4.4 | (M+H) ⁺ | C ₃₉ H ₇₉ N ₂ O ₆ P | SM d34:1 | S/G | 284.21 |
| 4.619 | 782.5715 | 1.6 | (M+H) ⁺ | C ₄₄ H ₈₀ NO ₈ P | PC 18:1/18:4 | S/G | - |
| 4.625 | 836.5448 | 0.2 | (M+H) ⁺ | C ₄₆ H ₇₈ NO ₁₀ P | PS 18:1/22:5 | S/G | - |
| 4.751 | 728.522 | 1.9 | (M+H) ⁺ | C ₄₀ H ₇₄ NO ₈ P | PC 32:3 | S | - |
| 4.755 | 706.5422 | 4.2 | (M+H) ⁺ | C ₃₈ H ₇₆ NO ₈ P | PC 14:0/16:0 | S/G | 278.89 |
| 4.790 | 714.5089 | 0.8 | (M+H) ⁺ | C ₃₉ H ₇₂ NO ₈ P | PE 16:0/18:3 | S/G | 290.13 |
| 4.901 | 729.5918 | 0.1 | (M+H) ⁺ | C ₄₁ H ₈₁ N ₂ O ₆ P | SM d36:2 | S/G | - |
| 4.919 | 732.5562 | 2.1 | (M+H) ⁺ | C ₄₀ H ₇₈ NO ₈ P | PC 14:0/18:1 | S/G | 282.07 |
| 4.932 | 838.5616 | 1.7 | (M+H) ⁺ | C ₄₆ H ₈₀ NO ₁₀ P | PS 18:0/22:5 | S/G | - |
| 4.94 | 740.5247 | 1.6 | (M+H) ⁺ | C ₄₁ H ₇₄ NO ₈ P | PE 18:1/18:3 | S/G | 296.37 |
| 4.971 | 788.5472 | 1.8 | (M+H) ⁺ | C ₄₂ H ₇₈ NO ₁₀ P | PS 36:2 | S/G | - |
| 4.976 | 717.5926 | 2.1 | (M+H) ⁺ | C ₄₀ H ₈₁ N ₂ O ₆ P | SM d35:1 | S/G | - |

| | | | | | | | |
|-------|----------|-----|--------------------|---|------------------------|-----|--------|
| 5.033 | 705.5936 | 1.0 | (M+H) ⁺ | C ₃₉ H ₈₁ N ₂ O ₆ P | SM d34:0 | S/G | 280.38 |
| 5.170 | 717.5931 | 1.3 | (M+H) ⁺ | C ₄₀ H ₈₁ N ₂ O ₆ P | SM d35:1 | S/G | - |
| 5.173 | 700.573 | 0.9 | (M+H) ⁺ | C ₄₀ H ₇₇ NO ₈ | HexCer_NS 18:1/16:0 | S/G | - |
| 5.189 | 808.5869 | 2.0 | (M+H) ⁺ | C ₄₆ H ₈₂ NO ₈ P | PC 18:1/20:4 | S/G | 293.2 |
| 5.215 | 758.5735 | 4.0 | (M+H) ⁺ | C ₄₂ H ₈₀ NO ₈ P | PC 34:2 | S/G | 286.95 |
| 5.236 | 690.5094 | 4.3 | (M+H) ⁺ | C ₃₇ H ₇₂ NO ₈ P | PE 16:0/16:1 | S/G | - |
| | | | | | PE 14:0/18:1 | S/G | - |
| 5.310 | 814.5601 | 2.2 | (M+H) ⁺ | C ₄₄ H ₈₀ NO ₁₀ P | PS 38:3 | S | - |
| 5.375 | 784.589 | 3.9 | (M+H) ⁺ | C ₄₄ H ₈₂ NO ₈ P | PC 36:3 | S/G | 289.79 |
| 5.482 | 746.5716 | 0.1 | (M+H) ⁺ | C ₄₁ H ₈₀ NO ₈ P | PC 15:0/18:1 | S/G | 193.13 |
| 5.504 | 766.5398 | 1.2 | (M+H) ⁺ | C ₄₃ H ₇₆ NO ₈ P | PE 18:1/20:4 | S/G | 298.5 |
| 5.554 | 716.5258 | 4.1 | (M+H) ⁺ | C ₃₉ H ₇₄ NO ₈ P | PE 16:0/18:2 | S/G | 273.72 |
| 5.645 | 792.5584 | 8.0 | (M+H) ⁺ | C ₄₅ H ₇₈ NO ₈ P | PE 18:1/22:5 | S/G | 304.89 |
| 5.660 | 772.5876 | 0.5 | (M+H) ⁺ | C ₄₃ H ₈₂ NO ₈ P | PC 17:0/18:2 | S/G | - |
| 5.723 | 742.5428 | 3.9 | (M+H) ⁺ | C ₄₁ H ₇₆ NO ₈ P | PE 18:1/18:2 | S/G | 277.12 |
| 5.783 | 731.6103 | 4.1 | (M+H) ⁺ | C ₄₁ H ₈₃ N ₂ O ₆ P | SM d36:1 | S/G | 290.61 |
| 5.790 | 790.5631 | 3.8 | (M+H) ⁺ | C ₄₂ H ₈₀ NO ₁₀ P | PS 18:0/18:1 | S/G | - |
| 5.898 | 734.5734 | 4.3 | (M+H) ⁺ | C ₄₀ H ₈₀ NO ₈ P | PC 16:0/16:0 | S/G | 286.26 |
| 6.023 | 730.5406 | 3.8 | (M+H) ⁺ | C ₄₀ H ₇₆ NO ₈ P | PE 17:1/18:1 | S/G | - |
| 6.073 | 760.5897 | 3.8 | (M+H) ⁺ | C ₄₂ H ₈₂ NO ₈ P | PC 16:0/18:1 | S/G | 297.06 |
| 6.235 | 786.6048 | 3.5 | (M+H) ⁺ | C ₄₄ H ₈₄ NO ₈ P | PC 18:1/18:1 | S/G | 295.76 |
| 6.331 | 748.586 | 1.4 | (M+H) ⁺ | C ₄₁ H ₈₂ NO ₈ P | PC 16:0/17:0 | S/G | - |
| 6.424 | 786.6045 | 3.6 | (M+H) ⁺ | C ₄₄ H ₈₄ NO ₈ P | PC 18:1/18:1 | S/G | 293.53 |
| 6.444 | 718.5423 | 4.2 | (M+H) ⁺ | C ₃₉ H ₇₆ NO ₈ P | PE 16:0/18:1 | S/G | - |
| 6.620 | 744.5582 | 4.8 | (M+H) ⁺ | C ₄₁ H ₇₈ NO ₈ P | PE 18:1/18:1 | S/G | 284.87 |
| 6.703 | 774.6027 | 0.8 | (M+H) ⁺ | C ₄₃ H ₈₄ NO ₈ P | PC 35:1 | S/G | - |
| 6.720 | 538.5216 | 2.1 | (M+H) ⁺ | C ₃₄ H ₆₇ NO ₃ | Cer_NS d18:1/16:0 | S | 231.79 |
| 6.734 | 794.5717 | 1.3 | (M+H) ⁺ | C ₄₅ H ₈₀ NO ₈ P | PE 18:0/22:5 | S/G | 307.2 |

| | | | | | | | |
|-------|----------|-----|--------------------|---|-------------------------|-----|--------|
| 7.093 | 732.5556 | 0.9 | (M+H) ⁺ | C ₄₀ H ₇₈ NO ₈ P | PE 17:0/18:1 | S/G | - |
| 7.149 | 759.6383 | 1.3 | (M+H) ⁺ | C ₄₃ H ₈₇ N ₂ O ₆ P | SM d38:1 | S/G | - |
| 7.180 | 762.6048 | 3.9 | (M+H) ⁺ | C ₄₂ H ₈₄ NO ₈ P | PC 16:0/18:0 | S/G | 289.35 |
| 7.190 | 818.5904 | 0.5 | (M+H) ⁺ | C ₄₄ H ₈₄ NO ₁₀ P | PS 18:0/22:6 | G | - |
| 7.369 | 788.6214 | 3.7 | (M+H) ⁺ | C ₄₄ H ₈₆ NO ₈ P | PC 18:0/18:1 | S/G | 295.24 |
| 7.418 | 785.6545 | 0.7 | (M+H) ⁺ | C ₄₅ H ₈₉ N ₂ O ₆ P | SM d40:2 | S | - |
| 7.770 | 746.5736 | 3.6 | (M+H) ⁺ | C ₄₁ H ₈₀ NO ₈ P | PE 18:0/18:1 | S/G | 284.09 |
| 7.912 | 773.6498 | 1.0 | (M+H) ⁺ | C ₄₄ H ₈₉ N ₂ O ₆ P | SM d39:1 | S/G | - |
| 8.105 | 799.6732 | 1.6 | (M+H) ⁺ | C ₄₆ H ₉₁ N ₂ O ₆ P | SM d41:2 | S | - |
| 8.470 | 813.6876 | 0.4 | (M+H) ⁺ | C ₄₇ H ₉₃ N ₂ O ₆ P | SM d42:2 | S/G | - |
| 8.508 | 787.6728 | 3.2 | (M+H) ⁺ | C ₄₅ H ₉₁ N ₂ O ₆ P | SM d40:1 | S/G | 303.36 |
| 8.527 | 846.6206 | 1.5 | (M+H) ⁺ | C ₄₆ H ₈₈ NO ₁₀ P | PS 40:1 | G | - |
| 8.530 | 790.6348 | 2.2 | (M+H) ⁺ | C ₄₄ H ₈₈ NO ₈ P | PC 16:0/20:0 | S/G | 302.29 |
| 8.891 | 816.6454 | 3.2 | (M+H) ⁺ | C ₄₆ H ₉₀ NO ₈ P | PC 38:1 | G | - |
| 9.911 | 815.7045 | 2.0 | (M+H) ⁺ | C ₄₇ H ₉₅ N ₂ O ₆ P | SM d42:1 | S/G | 303.36 |
| 9.202 | 801.6886 | 2.4 | (M+H) ⁺ | C ₄₆ H ₉₃ N ₂ O ₆ P | SM d41:1 | S/G | 306.32 |
| 9.881 | 798.6831 | 0.4 | (M+H) ⁺ | C ₄₇ H ₉₁ NO ₈ | HexCer_NS d18:1/23:0 | S/G | - |

Table S2. Mass spectrometry and collision cross section characteristics of lipids in the negative ionization mode (G=goat and S=sheep).

| RT (min) | <i>m/z</i> | Δ ppm | adduct | formula | lipid | milk | CCS (Å ²) |
|-------------|------------|--------------|------------------------------------|---|------------------------|------|--------------------------|
| 1.346 | 478.2945 | 1.1 | (M-H) ⁻ | C ₂₃ H ₄₆ NO ₇ P | LPE 18:1 | S | 214.84 |
| 2.387 | 255.2335 | 2.1 | (M-H) ⁻ | C ₁₆ H ₃₂ O ₂ | FA 16:0 | S | 169.76 |
| 2.503 | 281.2493 | 2.2 | (M-H) ⁻ | C ₁₈ H ₃₄ O ₂ | FA 18:1 | S/G | 176.5 |
| 3.672 | 719.5349 | 1.4 | (M+CHO ₂) ⁻ | C ₃₇ H ₇₅ N ₂ O ₆ P | SM d32:1 | S/G | 271.81 |
| 4.559 | 835.5339 | 1.1 | (M-H) ⁻ | C ₄₃ H ₈₁ O ₁₃ P | PC 16:0/18:1 | S/G | - |
| 4.745 | 885.5497 | 0.3 | (M-H) ⁻ | C ₄₇ H ₈₃ O ₁₃ P | PC 18:0/20:4 | S/G | - |
| 4.782 | 750.5291 | 1.4 | (M+CHO ₂) ⁻ | C ₃₈ H ₇₆ NO ₈ P | PC 14:0/16:0 | S/G | 280.73 |
| 4.835 | 861.5502 | 1.5 | (M-H) ⁻ | C ₄₅ H ₈₃ O ₁₃ P | PC 18:0/18:2 | S/G | - |
| 4.959 | 836.5448 | 1.7 | (M-H) ⁻ | C ₄₆ H ₈₀ NO ₁₀ P | PC 18:0/22:5 | S/G | 230.68 |
| 4.999 | 786.5293 | 0.5 | (M-H) ⁻ | C ₄₂ H ₇₈ NO ₁₀ P | PC 18:0/18:2 | S/G | 281.45 |
| 5.410 | 828.5759 | 1.3 | (M+CHO ₂) ⁻ | C ₄₄ H ₈₂ NO ₈ P | PC 18:1/18:2 | S/G | - |
| 5.577 | 714.5083 | 1.6 | (M-H) ⁻ | C ₃₉ H ₇₄ NO ₈ P | PC 16:0/18:2 | S/G | 271.47 |
| 5.639 | 863.5656 | 0.9 | (M-H) ⁻ | C ₄₅ H ₈₅ O ₁₃ P | PC 18:0/18:1 | S/G | - |
| 5.744 | 740.5241 | 1.7 | (M-H) ⁻ | C ₄₁ H ₇₆ NO ₈ P | PC 18:1/18:2 | S/G | 269.13 |
| 5.81 | 775.5973 | 0 | (M+CHO ₂) ⁻ | C ₄₁ H ₈₃ N ₂ O ₆ P | SM d36:1 | S/G | - |
| 5.820 | 788.5456 | 1.0 | (M-H) ⁻ | C ₄₂ H ₈₀ NO ₁₀ P | PC 18:0/18:1 | S/G | 280.39 |
| 5.935 | 778.5606 | 0.4 | (M+CHO ₂) ⁻ | C ₄₀ H ₈₀ NO ₈ P | PC 16:0/16:0 | S/G | 286.22 |
| 6.108 | 804.5766 | 1.9 | (M+CHO ₂) ⁻ | C ₄₂ H ₈₂ NO ₈ P | PC 16:0/18:1 | S/G | 290.46 |
| 6.285 | 830.5919 | 1.2 | (M+CHO ₂) ⁻ | C ₄₄ H ₈₄ NO ₈ P | PC 18:1/18:1 | S/G | 294.47 |
| 6.445 | 698.5145 | 0.9 | (M-H) ⁻ | C ₃₉ H ₇₄ NO ₇ P | EtherPE 16:1 e/18:2 | G | 265.12 |
| 6.471 | 716.5243 | 1.4 | (M-H) ⁻ | C ₃₈ H ₇₆ NO ₈ P | PC 16:0/18:1 | S/G | 271.7 |
| 6.648 | 742.5408 | 1.9 | (M-H) ⁻ | C ₄₁ H ₇₈ NO ₈ P | PC 18:1/18:1 | S/G | 277.52 |
| 6.807 | 742.5398 | 0.9 | (M-H) ⁻ | C ₄₁ H ₇₈ NO ₈ P | PC 18:0/18:2 | S/G | 271.47 |
| 7.143 | 700.529 | 1.5 | (M-H) ⁻ | C ₃₉ H ₇₆ NO ₇ P | EtherPE 16:1 e/18:1 | S/G | 266.03 |
| 7.218 | 806.5919 | 1.3 | (M+CHO ₂) ⁻ | C ₄₂ H ₈₄ NO ₈ P | PC 16:0/18:0 | S/G | - |

| | | | | | | | |
|-------|----------|-----|------------------------------------|---|------------------------|-----|--------|
| 7.406 | 832.6078 | 0.4 | (M+CHO ₂) ⁻ | C ₄₄ H ₈₆ NO ₈ P | PC 18:0/18:1 | S/G | 296.01 |
| 7.423 | 700.5302 | 0.1 | (M-H) ⁻ | C ₃₉ H ₇₆ NO ₇ P | EtherPE 16:1 e/18:1 | S/G | 266.03 |
| 7.451 | 726.5446 | 0.2 | (M-H) ⁻ | C ₄₁ H ₇₈ NO ₇ P | EtherPE 18:1 e/18:2 | S/G | 271.2 |
| 7.602 | 726.5459 | 0.2 | (M-H) ⁻ | C ₄₁ H ₇₈ NO ₇ P | EtherPE 18:2 e/18:1 | S/G | 271.2 |
| 7.624 | 750.5457 | 1.4 | (M-H) ⁻ | C ₄₃ H ₇₈ NO ₇ P | EtherPE 18:1 e/20:4 | G | 280.73 |
| 7.721 | 776.5613 | 0.4 | (M-H) ⁻ | C ₄₅ H ₈₀ NO ₇ P | EtherPE 18:1 e/22:5 | G | 284.88 |
| 7.798 | 726.5460 | 0.2 | (M-H) ⁻ | C ₄₁ H ₇₈ NO ₇ P | EtherPE 18:1 e/18:2 | S/G | 271.2 |
| 7.801 | 744.5557 | 2.0 | (M-H) ⁻ | C ₄₁ H ₈₀ NO ₈ P | PC 18:0/18:1 | S/G | 273.17 |
| 8.551 | 831.6599 | 0.1 | (M+CHO ₂) ⁻ | C ₄₅ H ₉₁ N ₂ O ₆ P | SM d40:1 | S/G | - |
| 8.817 | 728.5613 | 0.1 | (M-H) ⁻ | C ₄₁ H ₈₀ NO ₇ P | EtherPE 18:1 e/18:1 | G | 272.08 |
| 9.243 | 845.6761 | 1.8 | (M+CHO ₂) ⁻ | C ₄₆ H ₉₃ N ₂ O ₆ P | SM d41:1 | S/G | 303.32 |
| 9.952 | 859.6918 | 1.0 | (M+CHO ₂) ⁻ | C ₄₇ H ₉₅ N ₂ O ₆ P | SM d42:1 | S/G | 306 |

Table S3. TAG concentration in sheep and goat milk (S=sheep and G=goat).

| TAG | Sheep | | Goat | |
|------|----------------|----------------|----------------|----------------|
| | FA composition | μmol | FA composition | μmol |
| 36:1 | 18:1_4:0_14:0 | 3,840±0,192 | 18:1_14:0_4:0 | 1,2±0,06 |
| 36:3 | 14:0_4:0_18:3 | 0,624±0,031 | 14:0_4:0_18:3 | 0,0002±0,00001 |
| 37:0 | 17:0_14:0_6:0 | 0,201±0,010 | 14:0_17:0_6:0 | 0,0044±0,0002 |
| 37:0 | 16:0_17:0_4:0 | 0,327±0,016 | 16:0_17:0_4:0 | 0,0051±0,0002 |
| 37:0 | 17:0_10:0_10:0 | 0,158±0,007 | 17:0_10:0_10:0 | 0,0009±0,00004 |
| 37:1 | 16:0_4:0_17:1 | 0,269±0,013 | 16:0_4:0_17:1 | 0,0092±0,0005 |
| 37:2 | 15:0_4:0_18:2 | 0,390±0,019 | 15:0_4:0_18:2 | 0,0052±0,0003 |
| 37:2 | 4:0_16:1_17:1 | 0,121±0,006 | 4:0_17:1_16:1 | 0,00145±0,0001 |
| 38:1 | 16:0_18:1_4:0 | 248,259±12,413 | 16:0_18:1_4:0 | 3,2359±0,1618 |
| 38:2 | 16:0_4:0_18:2 | 1,378±0,069 | 4:0_16:0_18:2 | 0,7273±0,0364 |
| 38:3 | 16:0_4:0_18:3 | 1,111±0,055 | 4:0_16:0_18:3 | 0,0109±0,0005 |
| 38:4 | 16:1_4:0_18:3 | 0,059±0,003 | 4:0_16:1_18:3 | 0,0008±0,0001 |
| 39:0 | 17:0_4:0_18:0 | 0,369±0,018 | 17:0_4:0_18:0 | 0,0034±0,0002 |
| 39:0 | 14:0_10:0_15:0 | 0,119±0,006 | 14:0_10:0_15:0 | 0,0016±0,0001 |
| 39:0 | 10:0_12:0_17:0 | 0,112±0,006 | 10:0_17:0_12:0 | 0,0012±0,0001 |
| 39:0 | 6:0_17:0_16:0 | 0,127±0,006 | 17:0_6:0_16:0 | 0,0017±0,0001 |
| 39:0 | 16:0_10:0_18:0 | 0,162±0,008 | 16:0_18:0_10:0 | 0,001±0,00005 |
| 39:0 | 16:0_8:0_15:0 | 0,137±0,007 | 8:0_16:0_15:0 | 0,0019±0,0001 |
| 39:0 | 14:0_8:0_17:0 | 0,073±0,004 | 8:0_17:0_14:0 | 0,0022±0,0001 |
| 39:1 | 8:0_14:0_17:1 | 0,072±0,004 | 8:0_14:0_17:1 | 0,0021±0,0001 |
| 39:3 | 17:1_4:0_18:2 | 0,171±0,009 | 4:0_18:2_17:1 | 0,003±0,0001 |
| 39:3 | 17:0_4:0_18:3 | 0,087±0,004 | 17:0_4:0_18:3 | 0,0016±0,0001 |
| 39:3 | 4:0_17:2_18:1 | 0,038±0,002 | 4:0_18:1_17:2 | 0,0003±0,00002 |
| 40:0 | 12:0_12:0_16:0 | 0,276±0,014 | 12:0_16:0_12:0 | 0,0014±0,00007 |
| 40:0 | 16:0_14:0_10:0 | 0,584±0,029 | 14:0_16:0_10:0 | 0,0066±0,0003 |
| 40:0 | 18:0_12:0_10:0 | 0,220±0,011 | 18:0_12:0_10:0 | 0,0032±0,0002 |
| 40:1 | 16:0_6:0_18:1 | 59,328±2,966 | 16:0_6:0_18:1 | 0,0511±0,0025 |
| 40:1 | - | - | 14:0_8:0_18:1 | 0,0122±0,0006 |
| 40:1 | - | - | 12:0_10:0_18:1 | 0,0063±0,0003 |
| 40:2 | 18:1_4:0_18:1 | 1,744±0,087 | 18:1_4:0_18:1 | 0,0233±0,0011 |
| 40:2 | 6:0_18:2_16:0 | 1,549±0,077 | 6:0_16:0_18:2 | 0,0098±0,0005 |
| 40:3 | 16:0_6:0_18:3 | 0,189±0,009 | 6:0_16:0_18:3 | 0,0012±0,00006 |
| 40:3 | 4:0_18:1_18:2 | 0,518±0,026 | 18:1_4:0_18:2 | 0,0143±0,0007 |
| 40:4 | 18:1_4:0_18:3 | 0,937±0,047 | 18:1_4:0_18:3 | 0,0086±0,0004 |
| 40:4 | 4:0_18:2_18:2 | 0,231±0,012 | 4:0_18:2_18:2 | 0,0018±0,00009 |
| 40:5 | 4:0_18:2_18:3 | 0,367±0,018 | 18:2_4:0_18:3 | 0,0056±0,0003 |
| 41:0 | 10:0_14:0_17:0 | 0,068±0,003 | 10:0_14:0_17:0 | 0,0038±0,0002 |
| 41:0 | 15:0_10:0_16:0 | 0,125±0,006 | 15:0_10:0_16:0 | 0,0068±0,0003 |
| 41:0 | 14:0_12:0_15:0 | 0,042±0,002 | 14:0_12:0_15:0 | 0,0025±0,0001 |
| 41:0 | 12:0_12:0_17:0 | 0,036±0,002 | 12:0_12:0_17:0 | 0,0011±0,00006 |
| 41:1 | 12:0_12:0_17:1 | 0,033±0,002 | 12:0_12:0_17:1 | 0,0005±0,0001 |
| 41:2 | 17:0_6:0_18:2 | 0,329±0,016 | 6:0_17:0_18:2 | 0,0021±0,0001 |
| 41:2 | 17:1_6:0_18:1 | 0,157±0,008 | - | - |
| 41:2 | - | - | 8:0_15:0_18:2 | 0,0016±0,0001 |
| 42:0 | 16:0_12:0_14:0 | 0,966±0,048 | 16:0_12:0_14:0 | 0,0108±0,0005 |

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| 42:0 | 10:0_12:0_18:0 | 0,660±0,033 | 10:0_12:0_18:0 | 0,0076±0,0004 |
| 42:0 | 16:0_14:0_18:0 | 0,571±0,029 | 16:0_14:0_18:0 | 0,0086±0,0004 |
| 42:1 | 10:0_14:0_18:1 | 0,622±0,031 | 10:0_14:0_18:1 | 0,015±0,0005 |
| 42:1 | 8:0_18:1_16:0 | 0,555±0,028 | 16:0_8:0_18:1 | 0,0131±0,0006 |
| 42:2 | 18:1_18:1_6:0 | 0,348±0,017 | 18:1_18:1_6:0 | 0,002±0,0001 |
| 42:2 | - | - | 10:0_14:0_18:2 | 0,0008±0,0004 |
| 42:2 | 16:0_8:0_18:2 | 0,145±0,007 | 16:0_8:0_18:2 | 0,0013±0,0006 |
| 42:3 | 18:1_6:0_18:2 | 0,282±0,014 | 18:1_6:0_18:2 | 0,0048±0,0002 |
| 42:3 | 14:0_10:0_18:3 | 0,102±0,005 | 10:0_14:0_18:3 | 0,0029±0,0001 |
| 42:4 | 18:2_18:2_6:0 | 0,207±0,010 | 18:2_18:2_6:0 | 0,0034±0,0001 |
| 42:4 | 18:1_6:0_18:3 | 0,288±0,014 | 18:1_6:0_18:3 | 0,0082±0,0004 |
| 42:5 | 16:0_4:0_22:5 | 0,277±0,014 | 16:0_4:0_22:5 | 0,0052±0,0002 |
| 42:6 | 4:0_18:2_20:4 | 0,041±0,002 | 18:2_4:0_20:4 | 0,0016±0,0001 |
| 43:0 | 10:0_18:0_15:0 | 0,142±0,007 | 10:0_15:0_18:0 | 0,0043±0,0002 |
| 43:0 | 16:0_17:0_10:0 | 0,205±0,0103 | 16:0_17:0_10:0 | 0,0046±0,0002 |
| 43:0 | 16:0_11:0_16:0 | 0,096±0,005 | 16:0_11:0_16:0 | 0,0014±0,0001 |
| 43:0 | 14:0_11:0_18:0 | 0,095±0,005 | 14:0_11:0_18:0 | 0,0012±0,0001 |
| 43:0 | 15:0_11:0_17:0 | 0,068±0,003 | 15:0_11:0_17:0 | 0,0017±0,0001 |
| 43:0 | 12:0_16:0_15:0 | 0,081±0,004 | 12:0_16:0_15:0 | 0,0007±0,0001 |
| 43:0 | 12:0_13:0_18:0 | 0,061±0,003 | 12:0_13:0_18:0 | 0,0011±0,0001 |
| 43:0 | 12:0_17:0_14:0 | 0,076±0,004 | 12:0_14:0_17:0 | 0,0007±0,0001 |
| 43:0 | 13:0_15:0_15:0 | 0,013±0,0006 | 15:0_13:0_15:0 | 0,0003±0,0001 |
| 43:0 | 14:0_13:0_16:0 | 0,034±0,002 | 13:0_14:0_16:0 | 0,0004±0,0001 |
| 43:0 | 17:0_13:0_13:0 | 0,022±0,001 | 17:0_13:0_13:0 | 0,0006±0,0001 |
| 43:0 | 14:0_15:0_14:0 | 0,025±0,001 | 14:0_15:0_14:0 | 0,0004±0,0001 |
| 43:1 | 16:0_9:0_18:1 | 0,081±0,004 | 9:0_16:0_18:1 | 0,0022±0,0001 |
| 43:1 | 15:0_10:0_18:1 | 0,173±0,008 | 15:0_10:0_18:1 | 0,0044±0,0002 |
| 43:1 | 10:0_16:0_17:1 | 0,090±0,005 | 10:0_17:1_16:0 | 0,0016±0,0001 |
| 43:1 | 17:1_12:0_14:0 | 0,045±0,003 | 17:1_12:0_14:0 | 0,0004±0,0001 |
| 43:2 | 17:1_9:0_17:1 | 0,024±0,001 | 17:1_9:0_17:1 | 0,001±0,0001 |
| 43:2 | 18:1_7:0_18:1 | 0,058±0,003 | 18:1_7:0_18:1 | 0,0015±0,0001 |
| 43:2 | 9:0_16:0_18:2 | 0,033±0,002 | 16:0_9:0_18:2 | 0,0009±0,0001 |
| 43:2 | 18:2_10:0_15:0 | 0,110±0,005 | 10:0_18:2_15:0 | 0,0018±0,0001 |
| 43:5 | 22:5_17:0_4:0 | 0,070±0,003 | 22:5_4:0_17:0 | 0,0015±0,0001 |
| 44:0 | 16:0_10:0_18:0 | 0,198±0,010 | 16:0_10:0_18:0 | 0,0089±0,0004 |
| 44:0 | 12:0_14:0_18:0 | 0,073±0,004 | 12:0_14:0_18:0 | 0,0017±0,0001 |
| 44:0 | 16:0_12:0_16:0 | 0,021±0,001 | 16:0_12:0_16:0 | 0,0004±0,0001 |
| 44:0 | 14:0_14:0_16:0 | 0,054±0,003 | 14:0_14:0_16:0 | 0,0018±0,0001 |
| 44:1 | 16:0_10:0_18:1 | 1,469±0,073 | 16:0_10:0_18:1 | 0,0147±0,0007 |
| 44:1 | 12:0_14:0_18:1 | 0,370±0,018 | 14:0_12:0_18:1 | 0,0074±0,0003 |
| 44:2 | 16:0_10:0_18:1 | 0,19394±0,009 | 10:0_16:0_18:1 | 0,0032±0,0001 |
| 44:2 | 12:0_14:0_18:2 | 0,131±0,007 | 12:0_14:0_18:2 | 0,0021±0,0001 |
| 44:2 | 16:1_12:0_16:1 | 0,021±0,001 | 16:1_12:0_16:1 | 0,0005±0,0001 |
| 44:2 | 8:0_18:1_18:1 | 0,140±0,007 | 8:0_18:1_18:1 | 0,0024±0,0001 |
| 44:2 | 10:0_18:1_16:1 | 0,093±0,005 | 10:0_18:1_16:1 | 0,0018±0,0001 |
| 44:3 | 14:0_12:0_18:3 | 0,050±0,002 | 12:0_14:0_18:3 | 0,0004±0,0001 |
| 44:3 | 8:0_18:2_18:1 | 0,334±0,017 | 8:0_18:2_18:1 | 0,0056±0,0002 |
| 44:3 | 10:0_16:0_18:3 | 0,042±0,002 | 10:0_16:0_18:3 | 0,0004±0,0001 |
| 44:3 | 16:0_10:1_18:2 | 0,095±0,005 | 10:1_16:0_18:2 | 0,0016±0,0001 |
| 44:4 | 8:0_18:3_18:1 | 0,220±0,011 | 8:0_18:3_18:1 | 0,0049±0,0002 |

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| 44:4 | 8:0_18:2_18:2 | 0,097±0,005 | 8:0_18:2_18:2 | 0,0016±0,0001 |
| 44:5 | 16:0_6:0_22:5 | 0,210±0,010 | - | 0±0 |
| 44:6 | 18:1_4:0_22:5 | 0,131±0,007 | 18:1_4:0_22:5 | 0,002±0,0001 |
| 45:0 | 14:0_15:0_16:0 | 0,174±0,009 | 15:0_14:0_16:0 | 0,0017±0,0001 |
| 45:0 | 14:0_14:0_17:0 | 0,149±0,007 | 14:0_14:0_17:0 | 0,0023±0,0001 |
| 45:0 | 15:0_12:0_18:0 | 0,127±0,006 | 15:0_12:0_18:0 | 0,004±0,0002 |
| 45:0 | 16:0_12:0_17:0 | 0,164±0,008 | 16:0_12:0_17:0 | 0,0034±0,0001 |
| 45:1 | 16:0_12:0_17:1 | 0,055±0,003 | 16:0_12:0_17:1 | 0,0006±0,00003 |
| 45:1 | 10:0_17:0_18:1 | 0,160±0,008 | 10:0_17:0_18:1 | 0,0011±0,0001 |
| 45:2 | 12:0_15:0_18:2 | 0,016±0,0008 | 12:0_15:0_18:2 | 0,0005±0,0001 |
| 45:2 | 17:1_10:0_18:1 | 0,043±0,002 | 10:0_17:1_18:1 | 0,0016±0,0001 |
| 45:3 | 12:0_15:0_18:3 | 0,061±0,003 | 15:0_12:0_18:3 | 0,0012±0,0001 |
| 45:3 | 10:0_17:0_18:3 | 28,143±1,407 | 10:0_18:3_17:0 | 0,0014±0,0001 |
| 45:3 | 17:1_18:2_10:0 | 28,125±1,406 | 10:0_17:1_18:2 | 0,4814±0,0240 |
| 45:3 | 18:1_9:0_18:2 | 0,066±0,003 | 9:0_18:1_18:2 | 0,4806±0,0243 |
| 46:0 | 12:0_16:0_18:0 | 0,063±0,003 | 16:0_12:0_18:0 | 0,0025±0,0001 |
| 46:0 | 16:0_14:0_16:0 | 0,030±0,001 | 14:0_16:0_16:0 | 0,0006±0,0001 |
| 46:0 | 14:0_14:0_18:0 | 0,045±0,002 | 14:0_14:0_18:0 | 0,0021±0,0001 |
| 46:1 | 16:1_18:0_12:0 | 0,240±0,012 | 18:0_16:1_12:0 | 0,0048±0,0002 |
| 46:1 | 16:0_16:1_14:0 | 0,522±0,026 | 16:0_16:1_14:0 | 0,0101±0,0005 |
| 46:1 | 14:0_14:0_18:1 | 0,665±0,033 | 14:0_14:0_18:1 | 0,0116±0,0005 |
| 46:1 | 16:0_12:0_18:1 | 0,385±0,019 | 16:0_12:0_18:1 | 0,0093±0,0004 |
| 46:1 | 10:0_18:0_18:1 | 0,115±0,006 | 10:0_18:0_18:1 | 0,0042±0,0002 |
| 46:2 | 14:0_14:0_18:2 | 0,041±0,002 | 14:0_14:0_18:2 | 0,0005±0,0001 |
| 46:2 | 10:0_18:1_18:1 | 0,076±0,004 | 10:0_18:1_18:1 | 0,0021±0,0001 |
| 46:2 | 12:0_16:0_18:2 | 0,051±0,002 | 16:0_12:0_18:2 | 0,001±0,0001 |
| 46:3 | 10:0_18:2_18:1 | 0,160±0,008 | 18:1_10:0_18:2 | 0,0107±0,0005 |
| 46:4 | 18:1_10:0_18:3 | 0,201±0,010 | 10:0_18:1_18:3 | 0,0081±0,0004 |
| 46:4 | 10:0_18:2_18:2 | 0,101±0,005 | 10:0_18:2_18:2 | 0,0022±0,0001 |
| 46:5 | 16:0_8:0_22:5 | 0,108±0,005 | 16:0_8:0_22:5 | 0,0017±0,0001 |
| 46:5 | 10:0_14:0_22:5 | 0,030±0,001 | - | - |
| 46:6 | - | - | 22:5_18:1_6:0 | 0,0008±0,0001 |
| 47:0 | 15:0_14:0_18:0 | 0,059±0,003 | - | - |
| 47:0 | 16:0_14:0_17:0 | 0,067±0,003 | - | - |
| 47:0 | 15:0_16:0_16:0 | 0,059±0,003 | 15:0_16:0_16:0 | 0,003±0,0001 |
| 47:1 | 14:0_17:1_16:0 | 0,347±0,017 | 14:0_16:0_17:1 | 0,0035±0,0002 |
| 47:2 | 17:1_12:0_18:1 | 0,121±0,006 | 12:0_17:1_18:1 | 0,002±0,0001 |
| 47:2 | 14:0_16:0_18:2 | 0,164±0,008 | 14:0_16:0_18:2 | 0,0007±0,0001 |
| 47:3 | 17:1_12:0_18:2 | 0,066±0,003 | 17:1_12:0_18:2 | 0,0007±0,0001 |
| 47:3 | 14:0_18:3_15:0 | 0,099±0,005 | 15:0_14:0_18:3 | 0,0004±0,0001 |
| 47:3 | 12:0_17:0_18:3 | 0,075±0,004 | 17:0_12:0_18:3 | 0,0004±0,0001 |
| 48:0 | 16:0_14:0_18:0 | 1,332±0,066 | 16:0_14:0_18:0 | 0,0312±0,0016 |
| 48:1 | 18:1_14:0_16:0 | 40,491±2,024 | 18:1_14:0_16:0 | 0,0151±0,0007 |
| 48:2 | 18:1_12:0_18:1 | 1,002±0,050 | 18:1_12:0_18:1 | 0,0169±0,0008 |
| 48:2 | 16:0_18:2_14:0 | 0,318±0,016 | 16:0_14:0_18:2 | 0,0058±0,0003 |
| 48:2 | 18:1_14:0_16:1 | 0,245±0,012 | 14:0_16:1_18:1 | 0,0042±0,0002 |
| 48:2 | 16:0_16:1_16:1 | 0,206±0,010 | 16:0_16:1_16:1 | 0,0019±0,0001 |
| 48:3 | 18:1_12:0_18:2 | 0,226±0,011 | 18:1_12:0_18:2 | 0,0077±0,0003 |
| 48:4 | 12:0_20:4_16:0 | 0,045±0,002 | 12:0_20:4_16:0 | 0,0009±0,0001 |
| 48:4 | 14:0_20:4_14:0 | 0,011±0,0006 | 14:0_20:4_14:0 | 0,0002±0,0001 |

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| 48:5 | 10:0_16:0_22:5 | 0,121±0,006 | 10:0_22:5_16:0 | 0,001±0,0001 |
| 48:6 | - | - | 16:0_10:0_22:6 | 0,0025±0,0001 |
| 49:0 | 17:0_14:0_18:0 | 0,093±0,005 | 17:0_14:0_18:0 | 0,0021±0,0001 |
| 49:0 | 16:0_15:0_18:0 | 0,111±0,005 | 16:0_15:0_18:0 | 0,0024±0,0001 |
| 49:0 | 17:0_15:0_17:0 | 0,026±0,001 | 17:0_15:0_17:0 | 0,0005±0,0001 |
| 49:0 | 16:0_17:0_16:0 | 0,079±0,004 | 16:0_17:0_16:0 | 0,0014±0,0001 |
| 49:1 | 14:0_18:1_17:0 | 0,097±0,005 | 14:0_18:1_17:0 | 0,0014±0,0001 |
| 49:1 | 15:0_17:1_17:0 | 81,721±4,086 | 15:0_17:1_17:0 | 0,0082±0,0004 |
| 49:1 | 15:0_18:1_16:0 | 81,533±4,077 | 16:0_15:0_18:1 | 0,0017±0,0001 |
| 49:2 | 16:0_18:2_15:0 | 0,053±0,003 | 15:0_16:0_18:2 | 0,0017±0,0001 |
| 49:2 | 14:0_17:0_18:2 | 0,037±0,002 | 14:0_17:0_18:2 | 0,0012±0,0001 |
| 49:2 | 15:0_16:1_18:1 | 0,079±0,004 | 15:0_16:1_18:1 | 0,0017±0,0001 |
| 49:2 | 17:1_16:1_16:0 | 0,033±0,002 | 17:1_16:1_16:0 | 0,001±0,0001 |
| 49:2 | 17:1_17:1_15:0 | 0,020±0,001 | 17:1_17:1_15:0 | 0,0006±0,0001 |
| 49:2 | 16:1_17:0_16:1 | 0,008±0,0004 | 16:1_16:1_17:0 | 0,0005±0,0001 |
| 49:3 | 15:0_16:1_18:2 | 0,042±0,002 | 15:0_16:1_18:2 | 0,0012±0,0001 |
| 49:3 | 17:1_18:2_14:0 | 0,039±0,002 | 17:1_18:2_14:0 | 0,0005±0,0001 |
| 49:3 | 13:0_18:2_18:1 | 0,040±0,002 | 18:2_13:0_18:1 | 0,0011±0,0001 |
| 49:3 | 14:0_18:3_17:0 | 0,039±0,002 | 17:0_14:0_18:3 | 0,0011±0,0001 |
| 49:3 | 16:0_15:0_18:3 | 0,067±0,003 | 16:0_15:0_18:3 | 0,0019±0,0001 |
| 50:0 | 16:0_16:0_18:0 | 3,709±0,185 | 16:0_16:0_18:0 | 0,3984±0,012 |
| 50:0 | 16:0_20:0_14:0 | 0,160±0,008 | 16:0_14:0_20:0 | 0,0005±0,0001 |
| 50:0 | 18:0_14:0_18:0 | 0,238±0,012 | 18:0_14:0_18:0 | 5,6242±0,2812 |
| 50:1 | 18:0_14:0_18:1 | 0,754±0,038 | 18:0_14:0_18:1 | 0,0265±0,0013 |
| 50:1 | 16:0_18:1_16:0 | 0,934±0,047 | 16:0_16:0_18:1 | 0,0323±0,0016 |
| 50:2 | 18:1_14:0_18:1 | 15,640±0,782 | 18:1_14:0_18:1 | 0,0191±0,001 |
| 50:2 | 16:0_16:1_18:1 | 0,757±0,038 | 16:0_16:1_18:1 | 0,0051±0,0003 |
| 50:2 | 16:0_16:0_18:2 | 0,249±0,012 | 16:0_16:0_18:2 | 0,0011±0,0001 |
| 50:3 | 16:0_16:1_18:2 | 0,373±0,019 | 16:0_16:1_18:2 | 0,0041±0,0002 |
| 50:3 | 18:1_18:2_14:0 | 0,459±0,023 | 18:1_18:2_14:0 | 0,0062±0,0003 |
| 50:4 | 18:1_14:0_18:3 | 0,224±0,011 | 18:1_14:0_18:3 | 0,0078±0,0004 |
| 50:4 | 18:2_14:0_18:2 | 0,068±0,003 | 14:0_18:2_18:2 | 0,0012±0,0001 |
| 50:4 | 14:0_20:4_16:0 | 2,864±0,143 | 14:0_20:4_16:0 | 0,0013±0,0001 |
| 50:5 | 14:0_22:5_14:0 | 0,020±0,001 | 14:0_22:5_14:0 | 0,0008±0,0001 |
| 50:5 | 16:0_12:0_22:5 | 0,008±0,0004 | 16:0_12:0_22:5 | 0,0001±0,0001 |
| 51:0 | 16:0_17:0_18:0 | 0,174±0,009 | 17:0_16:0_18:0 | 0,0049±0,0003 |
| 51:1 | 16:0_17:0_18:1 | 0,960±0,048 | 16:0_17:0_18:1 | 0,0096±0,0005 |
| 51:1 | 18:1_15:0_18:0 | 0,556±0,028 | 18:1_15:0_18:0 | 0,0073±0,0004 |
| 51:2 | 15:0_18:1_18:1 | 0,111±0,005 | 15:0_18:1_18:1 | 0,0038±0,0002 |
| 51:2 | 16:0_17:1_18:1 | 0,111±0,005 | 16:0_17:1_18:1 | 0,0041±0,0002 |
| 51:3 | 16:1_17:0_18:2 | 0,087±0,004 | 16:1_17:0_18:2 | 0,001±0,0001 |
| 51:3 | 18:2_16:0_17:1 | 0,058±0,003 | 18:2_16:0_17:1 | 0,0008±0,0001 |
| 51:3 | 18:2_16:0_18:1 | 0,143±0,007 | 18:2_16:0_18:1 | 0,0027±0,0001 |
| 51:3 | 17:0_16:0_18:3 | 0,042±0,002 | 16:0_17:0_18:3 | 0,0004±0,0001 |
| 51:4 | - | - | 16:0_17:1_18:3 | 0,0005±0,0001 |
| 51:4 | 18:3_15:0_18:1 | 0,127±0,006 | 18:3_15:0_18:1 | 0,0013±0,0001 |
| 51:4 | 18:2_18:2_15:0 | 0,047±0,002 | 18:2_15:0_18:2 | 0,0007±0,0001 |
| 52:0 | 16:0_18:0_18:0 | 0,297±0,015 | 16:0_18:0_18:0 | 0,0049±0,0003 |
| 52:1 | 16:0_18:0_18:1 | 1,964±0,098 | 16:0_18:0_18:1 | 0,0399±0,0021 |
| 52:2 | 16:0_18:2_18:0 | 0,326±0,016 | 16:0_18:2_18:0 | 0,0022±0,0001 |

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| 52:2 | 18:1_16:0_18:1 | 0,471±0,023 | 18:1_16:0_18:1 | 0,0041±0,0002 |
| 52:3 | 16:0_18:2_18:1 | 1,829±0,091 | 18:2_16:0_18:1 | 0,0142±0,0007 |
| 52:4 | 18:1_16:0_18:3 | 0,428±0,021 | 18:1_16:0_18:3 | 0,0088±0,0004 |
| 52:4 | 16:0_18:2_18:2 | 0,238±0,012 | 16:0_18:2_18:2 | 0,0066±0,0003 |
| 52:5 | - | - | 14:0_16:0_22:5 | 0,0001±0,00004 |
| 52:5 | 14:0_20:4_18:1 | 0,030±0,001 | - | - |
| 52:6 | 18:1_14:0_20:5 | 0,120±0,006 | 18:1_14:0_20:5 | 0,0018±0,0001 |
| 52:6 | 14:0_20:4_18:2 | 0,040±0,002 | 14:0_18:2_20:4 | 0,0003±0,0001 |
| 53:0 | 23:0_14:0_16:0 | 0,057±0,003 | 23:0_14:0_16:0 | 0,0006±0,0001 |
| 53:0 | 14:0_21:0_18:0 | 0,042±0,002 | 21:0_14:0_18:0 | 0,0005±0,0001 |
| 53:0 | 15:0_15:0_23:0 | 0,021±0,001 | 15:0_15:0_23:0 | 0,0004±0,0001 |
| 53:0 | 17:0_15:0_21:0 | 0,040±0,002 | 17:0_15:0_21:0 | 0,0009±0,0001 |
| 53:0 | 16:0_21:0_16:0 | 0,027±0,001 | 21:0_16:0_16:0 | 0,0004±0,0001 |
| 53:0 | 16:0_19:0_18:0 | 0,025±0,001 | 19:0_16:0_18:0 | 0,0008±0,0001 |
| 53:0 | 17:0_18:0_18:0 | 0,015±0,001 | 18:0_17:0_18:0 | 0,0006±0,0001 |
| 53:0 | 19:0_17:0_17:0 | 0,017±0,001 | 19:0_17:0_17:0 | 0,0005±0,0001 |
| 53:1 | 16:0_18:1_19:0 | 0,067±0,003 | 16:0_18:1_19:0 | 0,0014±0,0001 |
| 53:1 | 17:0_18:1_18:0 | 0,119±0,006 | 17:0_18:1_18:0 | 0,0035±0,0002 |
| 53:2 | 18:1_17:0_18:1 | 54,220±2,711 | 18:1_17:0_18:1 | 0,0031±0,0002 |
| 53:2 | 18:0_17:0_18:2 | 53,879±2,694 | 17:0_18:2_18:0 | 0,0017±0,0001 |
| 53:3 | 17:0_18:1_18:2 | 0,084±0,004 | 18:1_17:0_18:2 | 0,004±0,0002 |
| 53:3 | 18:1_17:1_18:1 | 0,052±0,003 | 17:1_18:1_18:1 | 0,0024±0,0001 |
| 53:4 | 17:1_18:1_18:2 | 0,128±0,006 | 18:1_17:1_18:2 | 0,0019±0,0001 |
| 53:4 | 18:1_17:0_18:3 | 0,138±0,007 | 18:1_17:0_18:3 | 0,0015±0,0001 |
| 54:0 | 16:0_20:0_18:0 | 0,129±0,007 | 16:0_20:0_18:0 | 0,0019±0,0001 |
| 54:1 | 18:0_18:1_18:0 | 0,759±0,038 | 18:1_18:0_18:0 | 0,006±0,0003 |
| 54:1 | 18:1_16:0_20:0 | 0,439±0,022 | 18:1_20:0_16:0 | 0,0067±0,0003 |
| 54:2 | 18:1_18:0_18:1 | 1,321±0,066 | 18:1_18:1_18:0 | 0,0252±0,0013 |
| 54:3 | 18:1_18:1_18:1 | 5,150±0,257 | 18:1_18:1_18:1 | 0,0842±0,0042 |
| 54:4 | 18:1_18:1_18:2 | 0,558±0,0279 | 18:1_18:1_18:2 | 0,007±0,0004 |
| 54:6 | 18:1_16:0_20:5 | 0,097±0,005 | 18:1_16:0_20:5 | 0,0005±0,0001 |
| 54:7 | 18:2_16:0_20:5 | 0,067±0,003 | - | - |
| 55:0 | - | - | 14:0_18:0_23:0 | 0,001±0,0001 |
| 55:0 | - | - | 16:0_21:0_18:0 | 0,0005±0,0001 |
| 55:0 | 16:0_23:0_16:0 | 0,199±0,010 | 16:0_23:0_16:0 | 0,0005±0,0001 |
| 55:1 | - | - | 21:0_16:0_18:1 | 0,0033±0,0002 |
| 55:1 | - | - | 16:0_23:1_16:0 | 0,0006±0,0001 |
| 55:2 | 18:0_19:1_18:1 | 0,177±0,009 | 18:0_18:1_19:1 | 0,0024±0,0001 |
| 55:2 | 18:1_18:1_19:0 | 0,128±0,006 | 18:1_19:0_18:1 | 0,0014±0,0001 |
| 55:3 | 18:1_18:1_19:1 | 0,258±0,013 | 18:1_18:1_19:1 | 0,003±0,0002 |
| 56:0 | 26:0_14:0_16:0 | 0,047±0,002 | 26:0_14:0_16:0 | 0,0003±0,0001 |
| 56:0 | 18:0_14:0_24:0 | 0,048±0,002 | 18:0_24:0_14:0 | 0,116±0,0058 |
| 56:0 | 16:0_22:0_18:0 | 0,048±0,002 | 22:0_16:0_18:0 | 0,116±0,0058 |
| 56:0 | 24:0_16:0_16:0 | 0,022±0,001 | 24:0_16:0_16:0 | 0,0001±0,0001 |
| 56:1 | 22:0_16:0_18:1 | 0,222±0,011 | 22:0_16:0_18:1 | 0,0022±0,0001 |
| 56:1 | 16:0_16:1_24:0 | 0,087±0,004 | 16:0_16:1_24:0 | 0,0009±0,0001 |
| 56:1 | 18:1_20:0_18:0 | 0,139±0,007 | 18:1_20:0_18:0 | 0,0012±0,0001 |
| 56:1 | 18:0_24:1_18:0 | 0,040±0,002 | 18:0_24:1_18:0 | 0,0005±0,0001 |
| 56:1 | 16:0_20:0_20:1 | 0,117±0,006 | 16:0_20:1_20:0 | 0,0003±0,0001 |
| 56:1 | 16:0_16:0_24:1 | 0,030±0,002 | 16:0_16:0_24:1 | 0,0002±0,0001 |

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| 56:2 | 16:0_20:1_20:1 | 0,042±0,002 | 16:0_20:1_20:1 | 0,0005±0,0001 |
| 56:2 | 18:0_20:1_18:1 | 0,134±0,007 | 18:0_20:1_18:1 | 0,0023±0,0001 |
| 56:2 | 16:0_22:1_18:1 | 0,124±0,006 | 18:1_16:0_22:1 | 0,002±0,0001 |
| 56:3 | 18:1_20:1_18:1 | 0,200±0,010 | 18:1_20:1_18:1 | 0,8633±0,0431 |
| 56:4 | 18:0_18:1_20:3 | 0,131±0,007 | 18:0_18:1_20:3 | 0,0019±0,0001 |
| 56:4 | 16:0_18:1_22:3 | 0,293±0,015 | 16:0_18:1_22:3 | 0,0012±0,0001 |
| 56:5 | 16:0_22:4_18:1 | 0,080±0,004 | 16:0_22:4_18:1 | 0,0009±0,0001 |
| 56:6 | 16:0_18:1_22:5 | 0,293±0,015 | 18:1_16:0_22:5 | 0,0015±0,0001 |
| 56:7 | - | - | 18:1_16:0_22:6 | 0,0019±0,0001 |
| 57:1 | 18:0_21:0_18:1 | 0,052±0,003 | 18:1_18:0_21:0 | 0,001±0,0001 |
| 57:1 | 16:0_25:1_16:0 | 0,052±0,003 | 16:0_25:1_16:0 | 0,0009±0,0001 |
| 57:1 | - | - | 16:0_23:1_18:0 | 0,0003±0,0001 |
| 57:1 | 23:0_16:0_18:1 | 0,113±0,006 | 23:0_16:0_18:1 | 0,0015±0,0001 |
| 58:1 | 18:1_16:0_24:0 | 0,034±0,002 | 18:1_16:0_24:0 | 0,0005±0,0001 |
| 58:1 | 18:1_18:0_22:0 | 0,027±0,001 | - | - |
| 58:2 | 16:0_24:1_18:1 | 0,213±0,011 | 16:0_24:1_18:1 | 0,0016±0,0001 |
| 58:7 | - | - | 18:1_18:1_22:5 | 0,0013±0,0001 |

Table S4. List of TAG annotated by MS spectra analysis and comparison of reference mass spectra.

| RT (min) | <i>m/z</i> | formula | sum comp. | sheep | TAG | CCS (Å ²) | goat | TAG | CCS (Å ²) |
|-------------|------------|--|--------------|----------------|----------|--------------------------|----------------|----------|--------------------------|
| 10.802 | 654.5699 | C ₃₉ H ₇₂ O ₆ | 36:1 | 18:1_4:0_14:0 | OBuM | 271.49 | 18:1_14:0_4:0 | OMBu | 272.57 |
| 8.454 | 650.539 | C ₃₉ H ₆₈ O ₆ | 36:3 | 14:0_4:0_18:3 | MBuLn | 264.14 | 14:0_4:0_18:3 | MBuLn | 264.14 |
| 12.841 | 670.6011 | C ₄₀ H ₇₀ O ₆ | 37:0 | 17:0_14:0_6:0 | MaMCo+ | 283.73 | 14:0_17:0_6:0 | MMaCo + | 277.75 |
| | | | | 16:0_17:0_4:0 | PMaBu+ | 276.44 | 16:0_17:0_4:0 | PMaBu + | 276.44 |
| | | | | 17:0_10:0_10:0 | MaCaCa | 278.16 | 17:0_10:0_10:0 | MaCaCa | 278.16 |
| 12.284 | 668.5838 | C ₄₀ H ₇₄ O ₆ | 37:1 | 16:0_4:0_17:1 | PBuMo+ | 274.68 | 16:0_4:0_17:1 | PBuMo + | 274.68 |
| | | | | 4:0_15:0_18:1 | BuPaO | 274.76 | 4:0_15:0_18:1 | BuPaO | 274.76 |
| 10.281 | 666.5705 | C ₄₀ H ₇₂ O ₆ | 37:2 | 15:0_4:0_18:2 | PaBuL+ | - | 15:0_4:0_18:2 | PaBuL + | - |
| | | | | 4:0_16:1_17:1 | BuPoMo | - | 4:0_17:1_16:1 | BuMoPo | - |
| 13.115 | 684.6169 | C ₄₁ H ₇₈ O ₆ | 38:0 | 16:0_14:0_8:0 | PMCy+ | 281.70 | 16:0_8:0_14:0 | PCyM + | 282.73 |
| | | | | 14:0_14:0_10:0 | MMCa | 286.77 | 14:0_14:0_10:0 | MMCa | 286.77 |
| 11.945 | 682.6013 | C ₄₁ H ₇₆ O ₆ | 38:1 | 16:0_18:1_4:0 | POBu | 279.25 | 16:0_18:1_4:0 | POBu | 279.25 |
| 11.001 | 680.5868 | C ₄₁ H ₇₄ O ₆ | 38:2 | 16:0_4:0_18:2 | PBuL | 275.79 | 4:0_16:0_18:2 | BuPL | 276.03 |
| 10.212 | 678.5698 | C ₄₁ H ₇₂ O ₆ | 38:3 | 16:0_4:0_18:3 | PBuLn | 272.81 | 4:0_16:0_18:3 | BuPLn | 273.33 |
| 8.853 | 676.5541 | C ₄₁ H ₇₀ O ₆ | 38:4 | 16:1_4:0_18:3 | PoBuLn + | - | 4:0_16:1_18:3 | BuPoLn + | 270.43 |
| 13.689 | 698.6324 | C ₄₂ H ₈₀ O ₆ | 39:0 | 17:0_4:0_18:0 | MaBuS | 284.72 | 17:0_4:0_18:0 | MaBuS | 284.72 |
| | | | | 14:0_10:0_15:0 | MCaMa + | 284.28 | 14:0_10:0_15:0 | MCaMa + | 284.28 |
| | | | | 10:0_12:0_17:0 | CaLaMa + | 281.62 | 10:0_17:0_12:0 | CaMaLa + | 284.71 |
| | | | | 6:0_17:0_16:0 | CoMaP + | - | 17:0_6:0_16:0 | MaCoP + | 283.62 |
| | | | | 16:0_10:0_18:0 | PCaS + | - | 16:0_18:0_10:0 | PSCa + | 284.72 |
| | | | | 16:0_8:0_15:0 | PCyPa + | - | 8:0_16:0_15:0 | CyPPa + | 282.33 |
| | | | | 14:0_8:0_17:0 | MCyMa | - | 8:0_17:0_14:0 | CyMaM | - |
| 13.553 | 696.6144 | C ₄₂ H ₇₈ O ₆ | 39:1 | 8:0_14:0_17:1 | CyMMo | 281.88 | 8:0_14:0_17:1 | CyMMo | 281.88 |
| 10.554 | 692.5829 | C ₄₂ H ₇₄ O ₆ | 39:3 | 17:1_4:0_18:2 | MoBuL + | - | 4:0_18:2_17:1 | BuLMO + | - |
| | | | | 17:0_4:0_18:3 | MaBuLn+ | - | 17:0_4:0_18:3 | MaBuLn + | - |
| | | | | 4:0_17:2_18:1 | BuHdO | - | 4:0_18:1_17:2 | BuOHd | - |

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| 14.08 | 712.648 | C ₄₃ H ₈₂ O ₆ | 40:0 | 12:0_12:0_16:0 | LaLaP + | 289.51 | 12:0_12:0_16:0 | LaLaP + | 289.51 |
| | | | | 16:0_10:0_14:0 | PCaM + | 289.02 | 16:0_14:0_10:0 | PMCa + | 289.82 |
| | | | | 18:0_12:0_10:0 | SLaCa | 288.71 | 18:0_12:0_10:0 | SLaCa | 288.71 |
| 13.346 | 710.6323 | C ₄₃ H ₈₀ O ₆ | 40:1 | 16:0_6:0_18:1 | PCoO | 299.01 | 16:0_6:0_18:1 | PCoO+ | - |
| | | | | n.d. | n.d. | - | 14:0_8:0_18:1 | MCyO + | 286.80 |
| | | | | n.d. | n.d. | - | 12:0_10:0_18:1 | LaCyO | 286.06 |
| 12.348 | 708.6165 | C ₄₃ H ₇₈ O ₆ | 40:2 | 4:0_18:1_18:1 | BuOO + | 304.87 | 4:0_18:1_18:1 | BuOO + | 304.87 |
| | | | | 6:0_18:2_16:0 | CoLP | 282.61 | 6:0_16:0_18:2 | CoPL | - |
| 11.23 | 706.6025 | C ₄₃ H ₇₆ O ₆ | 40:3 | 16:0_6:0_18:3 | PCoLn + | 275.70 | 6:0_16:0_18:3 | CoPLn + | 280.08 |
| | | | | 4:0_18:1_18:2 | BuOL | 284.64 | 18:1_4:0_18:2 | OBuL | 283.16 |
| 10.386 | 704.5854 | C ₄₃ H ₇₄ O ₆ | 40:4 | 18:1_4:0_18:3 | OBuLn + | 276.88 | 18:1_4:0_18:3 | OBuLn + | 276.88 |
| | | | | 4:0_18:2_18:2 | BuLL | 276.75 | 4:0_18:2_18:2 | BuLL | 276.75 |
| 9.186 | 702.5693 | C ₄₃ H ₇₂ O ₆ | 40:5 | 4:0_18:2_18:3 | BuLLn | - | 4:0_18:2_18:3 | BuLLn | - |
| 14.473 | 726.6636 | C ₄₄ H ₈₄ O ₆ | 41:0 | 10:0_14:0_17:0 | CaMMa + | 292.07 | 10:0_14:0_17:0 | CaMMa + | 292.07 |
| | | | | 15:0_10:0_16:0 | PaCaP + | 291.94 | 15:0_10:0_16:0 | PaCaP + | 291.94 |
| | | | | 14:0_12:0_15:0 | MLaPa + | 291.64 | 14:0_12:0_15:0 | MLaPa + | 291.64 |
| | | | | 12:0_12:0_17:0 | LaLaMa | - | 12:0_12:0_17:0 | LaLaMa | - |
| 13.646 | 724.6491 | C ₄₄ H ₈₂ O ₆ | 41:1 | 12:0_12:0_17:1 | LaLaMo | 289.72 | 12:0_12:0_17:1 | LaLaMo | 289.72 |
| 12.739 | 722.6266 | C ₄₄ H ₈₀ O ₆ | 41:2 | 17:1_6:0_18:1 | MoCoO + | - | n.d. | n.d. | - |
| | | | | 17:0_6:0_18:2 | MaCoL + | - | 6:0_17:0_18:2 | CoMaL + | - |
| 14.788 | 740.6793 | C ₄₅ H ₈₆ O ₆ | 42:0 | 16:0_12:0_14:0 | PLaM + | 304.16 | 16:0_12:0_14:0 | PLaM + | 304.16 |
| | | | | 10:0_12:0_18:0 | CaLaS + | 299.43 | 10:0_12:0_18:0 | CaLaS + | 299.43 |
| | | | | 16:0_14:0_18:0 | PMS | 295.80 | 16:0_14:0_18:0 | PMS | 295.8 |
| 14.216 | 738.6637 | C ₄₅ H ₈₄ O ₆ | 42:1 | 10:0_14:0_18:1 | CaMO + | 292.96 | 10:0_14:0_18:1 | CaMO + | 292.96 |
| | | | | 8:0_18:1_16:0 | CyOP | 294.22 | 16:0_8:0_18:1 | PCyO | 292.38 |
| 13.479 | 736.6478 | C ₄₅ H ₈₂ O ₆ | 42:2 | 18:1_18:1_6:0 | OOCo + | 291.78 | 18:1_18:1_6:0 | OOCo + | 291.78 |
| | | | | n.d. | n.d. | - | 10:0_14:0_18:2 | CaML + | 290.97, |
| | | | | 16:0_8:0_18:2 | PCyL | 304.87 | 16:0_8:0_18:2 | PCyL | 304.87 |
| 12.588 | 734.6322 | C ₄₅ H ₈₀ O ₆ | 42:3 | 18:1_6:0_18:2 | OCOL + | 287.78 | 18:1_6:0_18:2 | OCOL + | 287.78 |
| | | | | 14:0_10:0_18:3 | MCaLn | 288.02 | 10:0_14:0_18:3 | CaMLn | 287.23 |

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| 11.631 | 732.6166 | C ₄₅ H ₇₈ O ₆ | 42:4 | 18:2_18:2_6:0 | LLCo + | 282.07 | 18:2_18:2_6:0 | LLCo + | 282.07 |
| | | | | 18:1_6:0_18:3 | OCOLn | 284.26 | 18:1_6:0_18:3 | OCOLn | 284.26 |
| 10.847 | 730.6021 | C ₄₅ H ₇₆ O ₆ | 42:5 | 16:0_4:0_22:5 | PBuDp | 285.16 | 16:0_4:0_22:5 | PBuDp | 285.16 |
| 9.976 | 728.5833 | C ₄₅ H ₇₄ O ₆ | 42:6 | 4:0_18:2_20:4 | BuLAo + | - | 18:2_4:0_20:4 | LBuAo + | 281.33 |
| 15.018 | 754.6959 | C ₄₆ H ₈₈ O ₆ | 43:0 | 10:0_18:0_15:0 | CaSPa + | 298.47 | 10:0_15:0_18:0 | CaPaS + | 298.72 |
| | | | | 16:0_17:0_10:0 | PMaCa + | 298.72 | 16:0_17:0_10:0 | PMaCa + | 298.72 |
| | | | | 16:0_11:0_16:0 | PUP + | - | 16:0_11:0_16:0 | PUP + | - |
| | | | | 14:0_11:0_18:0 | MUS + | - | 14:0_11:0_18:0 | MUS + | - |
| | | | | 15:0_11:0_17:0 | PaUMa + | - | 15:0_11:0_17:0 | PaUMa + | - |
| | | | | 12:0_16:0_15:0 | LaPPa + | - | 12:0_16:0_15:0 | LaPPa + | - |
| | | | | 12:0_13:0_18:0 | LaTdS + | - | 12:0_13:0_18:0 | LaTdS + | - |
| | | | | 12:0_17:0_14:0 | LaMaM + | - | 12:0_14:0_17:0 | LaMMa + | 298.47 |
| | | | | 13:0_15:0_15:0 | TdPaPa + - | - | 15:0_13:0_15:0 | PaTdPa + | 298.35 |
| | | | | 14:0_13:0_16:0 | MTdP + | - | 13:0_14:0_16:0 | TMdP + | - |
| | | | | 17:0_13:0_13:0 | MaTdTd + | - | 17:0_13:0_13:0 | MaTdTd + | - |
| | | | | 14:0_15:0_14:0 | MPaM | - | 14:0_15:0_14:0 | MPaM | - |
| 14.556 | 752.6792 | C ₄₆ H ₈₆ O ₆ | 43:1 | 16:0_9:0_18:1 | PPgO + | 299.98 | 9:0_16:0_18:1 | PgPO + | - |
| | | | | 15:0_10:0_18:1 | PaCaO + | 296.07 | 15:0_10:0_18:1 | PaCaO + | 296.07 |
| | | | | 10:0_16:0_17:1 | CaPMo + | 296.63 | 10:0_17:1_16:0 | CaMoP + | 296.49 |
| | | | | 17:1_12:0_14:0 | MoLaM | 297.48 | 17:1_12:0_14:0 | MoLaM | 297.48 |
| 13.796 | 750.663 | C ₄₆ H ₈₄ O ₆ | 43:2 | 17:1_9:0_17:1 | MoPgMo + | - | 17:1_9:0_17:1 | MoPgMo + | - |
| | | | | 18:1_7:0_18:1 | OEnO + | - | 18:1_7:0_18:1 | OEnO + | - |
| | | | | 9:0_16:0_18:2 | PPgL + | - | 16:0_9:0_18:2 | PPgL + | 298.47 |
| | | | | 18:2_10:0_15:0 | LCaPa | - | 10:0_18:2_15:0 | CaLPa | - |
| 11.543 | 744.6133 | C ₄₆ H ₇₈ O ₆ | 43:5 | 22:5_17:0_4:0 | DpMaBu | 281.11 | 22:5_4:0_17:0 | DpBuMa | 280.21 |
| 15.374 | 768.7106 | C ₄₇ H ₉₀ O ₆ | 44:0 | 16:0_10:0_18:0 | PCaS + | 302.73 | 16:0_10:0_18:0 | PCaS + | 302.73 |
| | | | | 12:0_14:0_18:0 | LaMS + | 302.25 | 12:0_14:0_18:0 | LaMS + | 302.25 |
| | | | | 16:0_12:0_16:0 | PLaP + | 303.53 | 16:0_12:0_16:0 | PLaP + | 303.53 |
| | | | | 14:0_14:0_16:0 | MMP | 310.13 | 14:0_14:0_16:0 | MMP | 310.13 |
| 14.895 | 766.6947 | C ₄₇ H ₈₈ O ₆ | 44:1 | 16:0_10:0_18:1 | PCaO + | 309.04 | 16:0_10:0_18:1 | PCaO + | 309.04 |

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|--------|----------|--|------|----------------|----------|--------|----------------|----------|--------|
| 14.347 | 764.6789 | C ₄₇ H ₈₆ O ₆ | 44:2 | 12:0_14:0_18:1 | LaMO | 302.11 | 14:0_12:0_18:1 | MLaO | 302.05 |
| | | | | 16:0_10:0_18:1 | PCaO + | 298.27 | 10:0_16:0_18:1 | CaPO + | 298.21 |
| | | | | 12:0_14:0_18:2 | LaML + | 309.04 | 12:0_14:0_18:2 | LaML + | 309.04 |
| | | | | 16:1_12:0_16:1 | PoLaPo + | 298.21 | 16:1_12:0_16:1 | PoLaPo + | 298.21 |
| | | | | 8:0_18:1_18:1 | CyOO + | 299.83 | 8:0_18:1_18:1 | CyOO + | 299.83 |
| 13.711 | 762.6634 | C ₄₇ H ₈₄ O ₆ | 44:3 | 10:0_18:1_16:1 | CaOPo | 297.14 | 10:0_18:1_16:1 | CaOPo | 297.14 |
| | | | | 14:0_12:0_18:3 | MLaLn + | 298.33 | 12:0_14:0_18:3 | LaMLn + | 295.81 |
| | | | | 8:0_18:2_18:1 | CyLO + | 289.72 | 8:0_18:1_18:2 | CyOL + | 299.83 |
| | | | | 10:0_16:0_18:3 | CaPLn + | 295.44 | 10:0_16:0_18:3 | CaPLn + | 295.44 |
| | | | | 16:0_10:1_18:2 | PDcL | 289.25 | 10:1_16:0_18:2 | DcPL | 296.09 |
| 12.646 | 760.6459 | C ₄₇ H ₈₂ O ₆ | 44:4 | 8:0_18:3_18:1 | CyLnO + | 290.38 | 8:0_18:3_18:1 | CyLnO + | 290.38 |
| | | | | 8:0_18:2_18:2 | CyLL | 292.24 | 8:0_18:2_18:2 | CyLL | 292.24 |
| 12.05 | 758.6298 | C ₄₇ H ₈₀ O ₆ | 44:5 | 6:0_16:0_22:5 | CoPDp | - | n.d. | n.d. | - |
| 11.022 | 756.6162 | C ₄₇ H ₇₈ O ₆ | 44:6 | 18:1_4:0_22:5 | OBuDp | - | 18:1_4:0_22:5 | OBuDp | - |
| 15.519 | 782.7271 | C ₄₈ H ₉₂ O ₆ | 45:0 | 14:0_15:0_16:0 | MPaP + | 304.84 | 14:0_15:0_16:0 | MPaP + | 304.84 |
| | | | | 14:0_14:0_17:0 | MMMa + | - | 14:0_14:0_17:0 | MMMa + | - |
| | | | | 15:0_12:0_18:0 | MaLaS + | - | 15:0_12:0_18:0 | MaLaS + | - |
| | | | | 16:0_12:0_17:0 | PLaMa | - | 16:0_12:0_17:0 | PLaMa | - |
| 15.106 | 780.7113 | C ₄₈ H ₉₀ O ₆ | 45:1 | 16:0_12:0_17:1 | PLaMo + | 299.70 | 16:0_12:0_17:1 | PLaMo + | 299.70 |
| | | | | 10:0_17:0_18:1 | CaMaO | 303.4 | 10:0_17:0_18:1 | CaMaO | 303.4 |
| 14.56 | 778.6946 | C ₄₈ H ₈₈ O ₆ | 45:2 | 12:0_15:0_18:2 | LaPaL + | 301.0 | 12:0_15:0_18:2 | LaPaL + | 301.0 |
| | | | | 17:1_10:0_18:1 | MoCaO | - | 10:0_17:1_18:1 | CaMoO | 301 |
| 14.109 | 776.6757 | C ₄₈ H ₈₆ O ₆ | 45:3 | 12:0_15:0_18:3 | LaPaLn + | 496.39 | 15:0_12:0_18:3 | PaLaLn + | - |
| | | | | 10:0_17:0_18:3 | CaMaLn + | - | 10:0_18:3_17:0 | CaLnMa + | - |
| | | | | 17:1_18:2_10:0 | MoLCa+ | - | 18:2_17:1_10:0 | LMoCa+ | - |
| | | | | 18:1_9:0_18:2 | OPgL | - | 9:0_18:1_18:2 | OPgL | - |
| 15.838 | 796.7417 | C ₄₉ H ₉₄ O ₆ | 46:0 | 12:0_16:0_18:0 | LaPS + | 308.90 | 16:0_12:0_18:0 | PLaS + | 309.12 |
| | | | | 16:0_14:0_16:0 | PMP + | 314.90 | 14:0_16:0_16:0 | MPP + | 309.12 |
| | | | | 14:0_14:0_18:0 | MMS | 322.88 | 14:0_14:0_18:0 | MMS | 322.88 |
| 15.442 | 794.7262 | C ₄₉ H ₉₂ O ₆ | 46:1 | 16:1_18:0_12:0 | PoSLa + | 307.66 | 18:0_16:1_12:0 | SPoSLa + | 307.2 |
| | | | | 16:0_16:1_14:0 | PPoM + | 310.16 | 16:0_16:1_14:0 | PPoM + | 310.16 |

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| | | | | 14:0_14:0_18:1 | MMO + | 314.87 | 14:0_14:0_18:1 | MMO + | 314.87 |
| | | | | 16:0_12:0_18:1 | PLaO + | 305.79 | 16:0_12:0_18:1 | PLaO + | 305.79 |
| | | | | 10:0_18:0_18:1 | CaSO | 307.25 | 10:0_18:0_18:1 | CaSO | 307.25 |
| 14.981 | 792.7103 | C ₄₉ H ₉₀ O ₆ | 46:2 | 14:0_14:0_18:2 | MML + | 308.77 | 14:0_14:0_18:2 | MML + | 308.77 |
| | | | | 10:0_18:1_18:1 | CaOO + | 313.38 | 10:0_18:1_18:1 | CaOO + | 313.38 |
| | | | | 12:0_16:0_18:2 | LaPL | 305.04 | 16:0_12:0_18:2 | PLaL | 304.89 |
| 14.469 | 790.6946 | C ₄₉ H ₈₈ O ₆ | 46:3 | 10:0_18:2_18:1 | CaLO | 302.29 | 18:1_10:0_18:2 | OCaL | 303.45 |
| 13.858 | 788.679 | C ₄₉ H ₈₆ O ₆ | 46:4 | 18:1_10:0_18:3 | OCaLn + | 300.21 | 10:0_18:1_18:3 | OCaLn + | 299.51 |
| | | | | 10:0_18:2_18:2 | CaLnLn | 300.21 | 10:0_18:2_18:2 | CaLnLn | 300.21 |
| 13.18 | 786.6612 | C ₄₉ H ₈₄ O ₆ | 46:5 | 16:0_8:0_22:5 | PCyDp + | 292.84 | 16:0_8:0_22:5 | PCyDp + | 292.84 |
| | | | | 10:0_14:0_22:5 | CaMDp | 295.76 | 10:0_14:0_22:5 | CaMDp+ | 295.76 |
| 12.496 | 784.6454 | C ₄₉ H ₈₂ O ₆ | 46:6 | n.d. | n.d. | - | 22:5_18:1_6:0 | DpOCa | 289.79 |
| 16.025 | 810.7571 | C ₅₀ H ₉₆ O ₆ | 47:0 | 15:0_14:0_18:0 | PaMS + | - | n.d. | n.d. | - |
| | | | | 16:0_14:0_17:0 | PMMa + | - | n.d. | n.d. | - |
| | | | | 15:0_16:0_16:0 | PaPP | - | 15:0_14:0_18:0 | PaMS + | - |
| 15.65 | 808.7417 | C ₅₀ H ₉₄ O ₆ | 47:1 | 14:0_17:1_16:0 | MMoP | 311.52 | 14:0_16:0_17:1 | MPMo | 310.85 |
| 15.162 | 806.7252 | C ₅₀ H ₉₂ O ₆ | 47:2 | 17:1_12:0_18:1 | MoLaO | - | 12:0_17:1_18:1 | LaMoO | - |
| 15.24 | 806.7254 | C ₅₀ H ₉₂ O ₆ | 47:2 | 14:0_16:0_18:2 | MPL | - | 14:0_16:0_18:2 | MPL | - |
| 14.757 | 804.7072 | C ₅₀ H ₉₀ O ₆ | 47:3 | 17:1_12:0_18:2 | MoLaL + | - | 17:1_12:0_18:2 | MoLaL | - |
| | | | | 14:0_15:0_18:3 | MPaLn + | - | 15:0_14:0_18:3 | PaMLn + | 265.13 |
| | | | | 12:0_17:0_18:3 | LaMaLn | - | 17:0_12:0_18:3 | LaMaLn | - |
| 16.257 | 824.7728 | C ₅₁ H ₉₈ O ₆ | 48:0 | 16:0_14:0_18:0 | PMS | 315.68 | 16:0_14:0_18:0 | PMS | 315.68 |
| 15.883 | 822.7571 | C ₅₁ H ₉₆ O ₆ | 48:1 | 18:1_14:0_16:0 | OMP | 314.62 | 18:1_14:0_16:0 | OMP | 314.62 |
| 15.512 | 820.7417 | C ₅₁ H ₉₄ O ₆ | 48:2 | 18:1_12:0_18:1 | OLaO + | 314.26 | 18:1_12:0_18:1 | OLaO + | 314.26 |
| | | | | 16:0_18:2_14:0 | PLM + | 319.39 | 16:0_14:0_18:2 | PML + | 311.56 |
| | | | | 18:1_14:0_16:1 | OMPo + | 312.66 | 14:0_16:1_18:1 | MPoO + | 312.66 |
| | | | | 16:0_16:1_16:1 | PPoPo | 311.56 | 16:0_16:1_16:1 | PPoPo | 311.56 |
| 15.11 | 818.7257 | C ₅₁ H ₉₂ O ₆ | 48:3 | 18:1_12:0_18:2 | OLaL | 306.76 | 18:1_12:0_18:2 | OLaL | 306.76 |
| 14.519 | 816.71 | C ₅₁ H ₉₀ O ₆ | 48:4 | 12:0_20:4_16:0 | LaAoP + | 307.15 | 12:0_20:4_16:0 | LaAoP + | 307.15 |
| | | | | 14:0_20:4_14:0 | MAoM | 308.55 | 14:0_20:4_14:0 | MAoM | 308.55 |

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| 14.117 | 814.6932 | C ₅₁ H ₈₈ O ₆ | 48:5 | 10:0_16:0_22:5 | CaPDp | - | 10:0_22:5_16:0 | CaDpP | - |
| 13.933 | 812.6782 | C ₅₁ H ₈₆ O ₆ | 48:6 | n.d. | n.d. | - | 16:0_10:0_22:6 | PCaDHA + | - |
| 16.408 | 838.7885 | C ₅₂ H ₁₀₀ O ₆ | 49:0 | 17:0_14:0_18:0 | MaMS + | - | 17:0_14:0_18:0 | MaMS + | - |
| | | | | 16:0_15:0_18:0 | PPaO + | - | 16:0_15:0_18:0 | PPaO + | - |
| | | | | 17:0_15:0_17:0 | MaPaMa+ | - | 17:0_15:0_17:0 | MaPaMa + | - |
| | | | | 16:0_17:0_16:0 | PMaP | - | 16:0_17:0_16:0 | PMaP | - |
| 16.07 | 836.7728 | C ₅₂ H ₉₈ O ₆ | 49:1 | 14:0_18:1_17:0 | MOMa + | 318.15 | 14:0_18:1_17:0 | MOMa + | 318.15 |
| | | | | 15:0_17:1_17:0 | PaMoMa+ | 323.09 | 15:0_17:1_17:0 | PaMoMa+ | 323.09 |
| | | | | 15:0_18:1_16:0 | PaOP | 316.97 | 16:0_15:0_18:1 | PPaO | 316.67 |
| 15.719 | 834.757 | C ₅₂ H ₉₆ O ₆ | 49:2 | 16:0_18:2_15:0 | PLPa + | 316.69 | 15:0_16:0_18:2 | PaPL + | - |
| | | | | 14:0_17:0_18:2 | MMaL + | - | 14:0_17:0_18:2 | MMaL + | - |
| | | | | 15:0_16:1_18:1 | PaPoO + | - | 15:0_16:1_18:1 | PaPoO + | - |
| | | | | 17:1_16:1_16:0 | MoPoP + | - | 17:1_16:1_16:0 | MoPoP + | - |
| | | | | 17:1_17:1_15:0 | MoMoPa+ | - | 17:1_17:1_15:0 | MoMoPa + | - |
| | | | | 16:1_17:0_16:1 | PoMaPo | - | 16:1_16:1_17:0 | PoPoMa | - |
| 15.336 | 832.7397 | C ₅₂ H ₉₄ O ₆ | 49:3 | 15:0_16:1_18:2 | PaPoL + | 273.20 | 15:0_16:1_18:2 | PaPoL + | 273.20 |
| | | | | 17:1_18:2_14:0 | MoLM + | - | 17:1_18:2_14:0 | MoLM + | - |
| | | | | 13:0_18:2_18:1 | TdLO + | - | 18:2_13:0_18:1 | LTdO + | 317.31 |
| | | | | 14:0_18:3_17:0 | MLnMa + | - | 17:0_14:0_18:3 | MaMLn + | - |
| | | | | 16:0_15:0_18:3 | PPaLn | - | 16:0_15:0_18:3 | PPaLn | - |
| 16.578 | 852.8042 | C ₅₃ H ₁₀₂ O ₆ | 50:0 | 16:0_16:0_18:0 | PPS + | 325.62 | 16:0_16:0_18:0 | PPS + | 325.62 |
| | | | | 16:0_20:0_14:0 | PAM + | 321.32 | 16:0_14:0_20:0 | PMA + | 323.19 |
| | | | | 18:0_14:0_18:0 | SMS | 324.11 | 18:0_14:0_18:0 | SMS | 324.11 |
| 16.275 | 850.7885 | C ₅₃ H ₁₀₀ O ₆ | 50:1 | 18:0_14:0_18:1 | SMO + | 321.35 | 18:0_14:0_18:1 | SMO + | 321.35 |
| | | | | 16:0_18:1_16:0 | POP | 325.41 | 16:0_16:0_18:1 | PPO | 320.79 |
| 15.945 | 848.7729 | C ₅₃ H ₉₈ O ₆ | 50:2 | 18:1_14:0_18:1 | OMO + | 319.86 | 18:1_14:0_18:1 | OMO + | 319.86 |
| | | | | 16:0_16:1_18:1 | PPoO + | 324.96 | 16:0_16:1_18:1 | PPoO + | 324.96 |
| | | | | 16:0_16:0_18:2 | PPL | 318.78 | 16:0_16:0_18:2 | PPL | 318.78 |
| 15.601 | 846.7575 | C ₅₃ H ₉₆ O ₆ | 50:3 | 16:0_16:1_18:2 | PPoL + | 317.91 | 16:0_16:1_18:2 | PPoL + | 317.91 |
| | | | | 18:1_18:2_14:0 | OLM | 323.37 | 18:1_18:2_14:0 | OLM | 323.37 |
| 15.198 | 844.7417 | C ₅₃ H ₉₄ O ₆ | 50:4 | 18:1_14:0_18:3 | OMLn + | 314.36 | 18:1_14:0_18:3 | OMLn + | 314.36 |

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| | | | | 18:2_14:0_18:2 | LML + | 312.21 | 14:0_18:2_18:2 | MLL + | 314.31 |
| | | | | 14:0_20:4_16:0 | MPAo | 322.89 | 14:0_20:4_16:0 | MAoP | 322.89 |
| 14.726 | 842.7213 | C ₅₃ H ₉₂ O ₆ | 50:5 | 14:0_22:5_14:0 | MDpM + | - | 14:0_22:5_14:0 | MDpM + | - |
| | | | | 16:0_12:0_22:5 | PLaDp | - | 16:0_12:0_22:5 | PLaDp | - |
| 16.734 | 866.8195 | C ₅₄ H ₁₀₄ O ₆ | 51:0 | 16:0_17:0_18:0 | PMaS | 323.08 | 17:0_16:0_18:0 | MaPS | 322.68 |
| 16.443 | 864.8041 | C ₅₄ H ₁₀₂ O ₆ | 51:1 | 16:0_17:0_18:1 | PMaO + | 323.47 | 16:0_17:0_18:1 | PMaO + | 323.47 |
| | | | | 18:1_15:0_18:0 | OPaS | 329.25 | 18:1_15:0_18:0 | OPaS | 329.25 |
| 16.124 | 862.7883 | C ₅₄ H ₁₀₀ O ₆ | 51:2 | 15:0_18:1_18:1 | PaOO + | 320.98 | 15:0_18:1_18:1 | PaOO + | 320.98 |
| | | | | 16:0_17:1_18:1 | PMoO | 326.02 | 16:0_17:1_18:1 | PMoO | 326.02 |
| 15.788 | 860.7717 | C ₅₄ H ₉₈ O ₆ | 51:3 | 16:1_17:0_18:2 | PoMaL + | 322.53 | 16:1_17:0_18:2 | PoMaL + | 322.53 |
| | | | | 18:2_16:0_17:1 | LPMo + | 319.61 | 18:2_16:0_17:1 | LPMo + | 319.61 |
| | | | | 18:2_16:0_18:1 | LPO + | - | 18:2_16:0_18:1 | LPO + | - |
| | | | | 17:0_16:0_18:3 | MaPLn | 322.53 | 16:0_17:0_18:3 | PMaLn | 321.24 |
| 15.507 | 858.7533 | C ₅₄ H ₉₆ O ₆ | 51:4 | 16:0_17:1_18:3 | PMoLn + | 325.43 | 16:0_17:1_18:3 | PMoLn + | 325.43 |
| | | | | 18:3_15:0_18:1 | LnPaO + | - | 18:3_15:0_18:1 | LnPaO + | - |
| | | | | 18:2_18:2_15:0 | LLPa | 320.98 | 18:2_15:0_18:2 | LPaL | 323.19 |
| 16.896 | 880.8355 | C ₅₅ H ₁₀₆ O ₆ | 52:0 | 16:0_18:0_18:0 | PSS | 326.8 | 16:0_18:0_18:0 | PSS | 326.8 |
| 16.648 | 878.8197 | C ₅₅ H ₁₀₄ O ₆ | 52:1 | 16:0_18:0_18:1 | PSO + | 330.55 | 16:0_18:0_18:1 | PSO + | 330.55 |
| | | | | 18:0_16:1_18:0 | SPoS | 326.24 | 18:0_16:1_18:0 | SPoS | 326.24 |
| 16.324 | 876.804 | C ₅₅ H ₁₀₂ O ₆ | 52:2 | 16:0_18:2_18:0 | PLO + | 329.70 | 16:0_18:2_18:0 | PLO + | 329.70 |
| | | | | 18:1_16:0_18:1 | OPO | 324.67 | 18:1_16:0_18:1 | OPO | 324.67 |
| 16.051 | 874.7883 | C ₅₅ H ₁₀₀ O ₆ | 52:3 | 16:0_18:2_18:1 | PLO | 329.64 | 18:2_16:0_18:1 | LPO | 322.77 |
| 15.695 | 872.7728 | C ₅₅ H ₉₈ O ₆ | 52:4 | 18:1_16:0_18:3 | OPLn + | 321.74 | 18:1_16:0_18:3 | OPLn + | 321.74 |
| | | | | 16:0_18:2_18:2 | PLL | 327.54 | 16:0_18:2_18:2 | PLL | 327.54 |
| 15.305 | 870.7548 | C ₅₅ H ₉₆ O ₆ | 52:5 | n.d. | n.d. | - | 14:0_16:0_22:5 | MPDp + | - |
| | | | | 14:0_20:4_18:1 | MAoO | - | n.d. | n.d. | - |
| 15.109 | 868.7393 | C ₅₅ H ₉₄ O ₆ | 52:6 | 18:1_14:0_20:5 | OMEp + | - | 18:1_14:0_20:5 | OMEp + | - |
| | | | | 14:0_20:4_18:2 | MAoL | 325.66 | 14:0_18:2_20:4 | MLAo | 323.26 |
| 17.03 | 894.8488 | C ₅₆ H ₁₀₈ O ₆ | 53:0 | 23:0_14:0_16:0 | TaMP + | - | 23:0_14:0_16:0 | TaMP + | - |
| | | | | 14:0_21:0_18:0 | MHeS + | - | 21:0_14:0_18:0 | HeMS + | 324 |
| | | | | 15:0_15:0_23:0 | PaPaTa + | - | 15:0_15:0_23:0 | PaPaTa + | - |

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| | | | | 17:0_15:0_21:0 | MaPaHe + | - | 17:0_15:0_21:0 | MaPaHe + | - |
| | | | | 16:0_21:0_16:0 | PHeP + | - | 21:0_16:0_16:0 | HePP + | 329.21 |
| | | | | 16:0_19:0_18:0 | PNoS + | 324.78 | 19:0_16:0_18:0 | NoPS + | - |
| | | | | 17:0_18:0_18:0 | MaSS + | - | 18:0_17:0_18:0 | SMaS + | - |
| | | | | 19:0_17:0_17:0 | NoMaMa | - | 19:0_17:0_17:0 | NoMaMa | - |
| 16.771 | 892.8351 | C ₅₆ H ₁₀₆ O ₆ | 53:1 | 16:0_18:1_19:0 | PONo + | 332.32 | 16:0_18:1_19:0 | PONo + | 332.32 |
| | | | | 17:0_18:1_18:0 | MaOS | 328.62 | 17:0_18:1_18:0 | MaOS | 328.62 |
| 16.484 | 890.8196 | C ₅₆ H ₁₀₄ O ₆ | 53:2 | 18:1_17:0_18:1 | OMaO + | 326.53 | 18:1_17:0_18:1 | OMaO + | 326.53 |
| | | | | 18:0_17:0_18:2 | SMaL | - | 17:0_18:2_18:0 | MaLS | 329.43 |
| 16.176 | 888.8034 | C ₅₆ H ₁₀₂ O ₆ | 53:3 | 17:0_18:1_18:2 | MaOL + | - | 18:1_17:0_18:2 | OMaL + | - |
| | | | | 18:1_17:1_18:1 | OMoO | 332.23 | 17:1_18:1_18:1 | MoOO | - |
| 15.879 | 886.7844 | C ₅₆ H ₁₀₀ O ₆ | 53:4 | 17:1_18:1_18:2 | MoOL + | - | 18:1_17:1_18:2 | OMoL + | - |
| | | | | 18:1_17:0_18:3 | OMaLn | - | 18:1_17:0_18:3 | OMaLn | - |
| 17.178 | 908.8659 | C ₅₇ H ₁₁₀ O ₆ | 54:0 | 16:0_20:0_18:0 | PAS + | - | 16:0_20:0_18:0 | PAS + | - |
| 16.929 | 906.8509 | C ₅₇ H ₁₀₈ O ₆ | 54:1 | 18:0_18:1_18:0 | SOS + | 332.48 | 18:1_18:0_18:0 | OSS + | 331.6 |
| | | | | 18:1_16:0_20:0 | OPA | 337.52 | 18:1_20:0_16:0 | OAP | - |
| 16.665 | 904.8355 | C ₅₇ H ₁₀₆ O ₆ | 54:2 | 18:1_18:0_18:1 | OSO + | 330.07 | 18:1_18:1_18:0 | OOS + | 329.57 |
| 16.373 | 902.8197 | C ₅₇ H ₁₀₄ O ₆ | 54:3 | 18:1_18:1_18:1 | OOO + | 327.45 | 18:1_18:1_18:1 | OOO + | 327.45 |
| 16.077 | 900.8039 | C ₅₇ H ₁₀₂ O ₆ | 54:4 | 18:1_18:1_18:2 | OOL + | 329.34 | 18:1_18:1_18:2 | OOL + | 329.34 |
| 15.371 | 896.7711 | C ₅₇ H ₉₈ O ₆ | 54:6 | 18:1_16:0_20:5 | OPEp + | 303.53 | 18:1_16:0_20:5 | OPEp + | 303.53 |
| 15.03 | 894.7548 | C ₅₇ H ₉₆ O ₆ | 54:7 | 18:2_16:0_20:5 | LPEp + | - | n.d. | n.d. | - |
| 17.317 | 922.8784 | C ₅₈ H ₁₁₂ O ₆ | 55:0 | n.d. | n.d. | - | 14:0_18:0_23:0 | MSTa + | - |
| | | | | n.d. | n.d. | - | 16:0_21:0_18:0 | PHeS + | - |
| | | | | 16:0_23:0_16:0 | PTaP | - | 16:0_23:0_16:0 | PTaP | - |
| 17.069 | 920.8647 | C ₅₈ H ₁₁₀ O ₆ | 55:1 | n.d. | n.d. | - | 21:0_16:0_18:1 | HePO + | - |
| | | | | n.d. | n.d. | - | 16:0_23:1_16:0 | PTeP | - |
| 16.812 | 918.8488 | C ₅₈ H ₁₀₈ O ₆ | 55:2 | 18:0_19:1_18:1 | SNeO + | - | 18:0_18:1_19:1 | SONe + | 290.02 |
| | | | | 18:1_18:1_19:0 | OONo | - | 18:1_19:0_18:1 | ONoO | - |
| 16.526 | 916.8325 | C ₅₈ H ₁₀₆ O ₆ | 55:3 | 18:1_18:1_19:1 | OONe | 291.18 | 18:1_18:1_19:1 | OONe | 291.18 |
| 17.445 | 936.8934 | C ₅₉ H ₁₁₄ O ₆ | 56:0 | 26:0_14:0_16:0 | HxMP + | - | 26:0_14:0_16:0 | HxMP + | - |
| | | | | 18:0_14:0_24:0 | SMLi + | - | 18:0_24:0_14:0 | SLiM + | 289.21 |
| | | | | 16:0_22:0_18:0 | PBeS + | - | 22:0_16:0_18:0 | BePS + | - |
| | | | | 24:0_16:0_16:0 | LiPP | - | 24:0_16:0_16:0 | LiPP | - |

| | | | | | | | | | |
|--------|----------|---|------|----------------|---------|--------|----------------|---------|--------|
| 17.205 | 934.8812 | C ₅₉ H ₁₁₂ O ₆ | 56:1 | 22:0_16:0_18:1 | BePO + | - | 22:0_16:0_18:1 | BePO + | - |
| | | | | 16:0_16:1_24:0 | PPoLi + | - | 16:0_16:1_24:0 | PPoLi + | - |
| | | | | 18:1_20:0_18:0 | OAS + | - | 18:1_20:0_18:0 | OAS + | - |
| | | | | 18:0_24:1_18:0 | STS + | - | 18:0_24:1_18:0 | STS + | - |
| | | | | 16:0_20:0_20:1 | PAE + | - | 16:0_20:1_20:0 | PEA + | - |
| | | | | 16:0_16:0_24:1 | PPT | - | 16:0_16:0_24:1 | PPT | - |
| 16.969 | 932.8649 | C ₅₉ H ₁₁₀ O ₆ | 56:2 | 16:0_20:1_20:1 | PEE + | - | 16:0_20:1_20:1 | PEE + | - |
| | | | | 18:0_20:1_18:1 | SEO + | - | 18:0_20:1_18:1 | SEO + | - |
| | | | | 16:0_22:1_18:1 | PDoO | - | 18:1_16:0_22:1 | OPDo | - |
| 16.714 | 930.8471 | C ₅₉ H ₁₀₈ O ₆ | 56:3 | 18:1_20:1_18:1 | OEO | - | 18:1_20:1_18:1 | OEO | - |
| 16.472 | 928.8316 | C ₅₉ H ₁₀₆ O ₆ | 56:4 | 18:0_18:1_20:3 | SOEt + | - | 18:0_18:1_20:3 | SOEt + | - |
| | | | | 16:0_18:1_22:3 | PODe | - | 16:0_18:1_22:3 | PODe | - |
| 16.26 | 926.8154 | C ₅₉ H ₁₀₄ O ₆ | 56:5 | 16:0_22:4_18:1 | PDtO | - | 16:0_22:4_18:1 | PDtO | - |
| 15.945 | 924.8025 | C ₅₉ H ₁₀₂ O ₆ | 56:6 | 16:0_18:1_22:5 | PODp | - | 18:1_16:0_22:5 | OPDp | - |
| 17.335 | 948.8949 | C ₆₀ H ₁₁₄ O ₆ | 57:1 | 18:0_21:0_18:1 | SHeO + | - | 18:1_18:0_21:0 | OSHe + | - |
| | | | | 16:0_25:1_16:0 | PPbP + | - | 16:0_25:1_16:0 | PPbP + | - |
| | | | | n.d. | n.d. | - | 16:0_23:1_18:0 | PTeS + | - |
| | | | | 23:0_16:0_18:1 | TaPO | - | 23:0_16:0_18:1 | TaPO | - |
| 17.455 | 962.9104 | C ₆₁ H ₁₁₆ O ₆ | 58:1 | 18:1_16:0_24:0 | OPLi + | - | 18:1_16:0_24:0 | OPLi + | - |
| | | | | 18:1_18:0_22:0 | OSBe | - | n.d. | n.d. | - |
| 17.235 | 960.894 | C ₆₁ H ₁₁₄ O ₆ | 58:2 | 16:0_24:1_18:1 | PTO | 300.51 | 16:0_24:1_18:1 | PTO | 300.51 |
| 15.983 | 950.8159 | C ₆₁ H ₁₀₄ O ₆ | 58:7 | n.d. | n.d. | - | 18:1_18:1_22:5 | OOD | - |
| 17.578 | 976.9279 | C ₆₂ H ₁₁₈ O ₆ | 59:1 | 18:1_16:0_25:0 | OPPc | - | n.d. | n.d. | - |

Table S4. List of TAG concentrations.

| TAG | Sheep | μmol | Goat | μmol |
|------------|----------------|--------------------|----------------|----------------|
| 36:1 | 18:1_4:0_14:0 | 3840.12±192.00 | 18:1_14:0_4:0 | 1199.1±59.96 |
| 36:3 | 14:0_4:0_18:3 | 623.7±31.19 | 14:0_4:0_18:3 | 0.16±0.01 |
| 37:0 | 17:0_14:0_6:0 | 200.96±10.05 | 14:0_17:0_6:0 | 4.39±0.22 |
| 37:0 | 16:0_17:0_4:0 | 327.32±16.37 | 16:0_17:0_4:0 | 5.08±0.25 |
| 37:0 | 17:0_10:0_10:0 | 158.51±7.93 | 17:0_10:0_10:0 | 0.87±0.04 |
| 37:1 | 16:0_4:0_17:1 | 269.79±13.49 | 16:0_4:0_17:1 | 9.16±0.46 |
| 37:2 | 15:0_4:0_18:2 | 390.4±19.52 | 15:0_4:0_18:2 | 5.16±0.26 |
| 37:2 | 4:0_16:1_17:1 | 121.25±6.06 | 4:0_17:1_16:1 | 1.45±0.07 |
| 38:1 | 16:0_18:1_4:0 | 248259.32±12412.97 | 16:0_18:1_4:0 | 3235.88±161.79 |
| 38:2 | 16:0_4:0_18:2 | 1378.2±68.91 | 4:0_16:0_18:2 | 727.26±36.36 |
| 38:3 | 16:0_4:0_18:3 | 1111.25±55.56 | 4:0_16:0_18:3 | 10.87±0.54 |
| 38:4 | 16:1_4:0_18:3 | 59.10±2.96 | 4:0_16:1_18:3 | 0.79±0.04 |
| 39:0 | 17:0_4:0_18:0 | 368.84±18.44 | 17:0_4:0_18:0 | 3.42±0.17 |
| 39:0 | 14:0_10:0_15:0 | 119.04±5.95 | 14:0_10:0_15:0 | 1.63±0.08 |
| 39:0 | 10:0_12:0_17:0 | 111.76±5.59 | 10:0_17:0_12:0 | 1.18±0.06 |
| 39:0 | 6:0_17:0_16:0 | 127.3±6.37 | 17:0_6:0_16:0 | 1.75±0.09 |
| 39:0 | 16:0_10:0_18:0 | 162.29±8.11 | 16:0_18:0_10:0 | 0.98±0.05 |
| 39:0 | 16:0_8:0_15:0 | 137.13±6.86 | 8:0_16:0_15:0 | 1.89±0.09 |

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| 39:0 | 14:0_8:0_17:0 | 73.01±3.65 | 8:0_17:0_14:0 | 2.18±0.11 |
| 39:1 | 8:0_14:0_17:1 | 72.49±3.62 | 8:0_14:0_17:1 | 2.13±0.11 |
| 39:3 | 17:1_4:0_18:2 | 171.39±8.57 | 4:0_18:2_17:1 | 3.04±0.15 |
| 39:3 | 17:0_4:0_18:3 | 87.22±4.36 | 17:0_4:0_18:3 | 1.64±0.08 |
| 39:3 | 4:0_17:2_18:1 | 38.16±1.91 | 4:0_18:1_17:2 | 0.33±0.02 |
| 40:0 | 12:0_12:0_16:0 | 275.70±13.79 | 12:0_16:0_12:0 | 1.37±0.07 |
| 40:0 | 16:0_14:0_10:0 | 583.88±29.19 | 14:0_16:0_10:0 | 6.61±0.33 |
| 40:0 | 18:0_12:0_10:0 | 219.88±10.99 | 18:0_12:0_10:0 | 3.25±0.16 |
| 40:1 | 16:0_6:0_18:1 | 59328.28±2966.41 | 16:0_6:0_18:1 | 51.06±2.55 |
| 40:1 | - | - | 14:0_8:0_18:1 | 12.17±0.61 |
| 40:1 | - | - | 12:0_10:0_18:1 | 6.25±0.31 |
| 40:2 | 18:1_4:0_18:1 | 1743.76±87.19 | 18:1_4:0_18:1 | 23.32±1.17 |
| 40:2 | 6:0_18:2_16:0 | 1549.39±77.47 | 6:0_16:0_18:2 | 9.82±0.49 |
| 40:3 | 16:0_6:0_18:3 | 189.33±9.47 | 6:0_16:0_18:3 | 1.24±0.06 |
| 40:3 | 4:0_18:1_18:2 | 518.37±25.92 | 18:1_4:0_18:2 | 14.28±0.71 |
| 40:4 | 18:1_4:0_18:3 | 936.72±46.84 | 18:1_4:0_18:3 | 8.63±0.43 |
| 40:4 | 4:0_18:2_18:2 | 231.46±11.57 | 4:0_18:2_18:2 | 1.85±0.09 |
| 40:5 | 4:0_18:2_18:3 | 367.43±18.37 | 18:2_4:0_18:3 | 5.62±0.28 |
| 41:0 | 10:0_14:0_17:0 | 68.61±3.43 | 10:0_14:0_17:0 | 3.84±0.19 |
| 41:0 | 15:0_10:0_16:0 | 125.14±6.26 | 15:0_10:0_16:0 | 6.79±0.34 |
| 41:0 | 14:0_12:0_15:0 | 41.96±2.1 | 14:0_12:0_15:0 | 2.55±0.13 |
| 41:0 | 12:0_12:0_17:0 | 36.66±1.83 | 12:0_12:0_17:0 | 1.14±0.06 |

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| 41:1 | 12:0_12:0_17:1 | 32.93±1.65 | 12:0_12:0_17:1 | 0.46±0.02 |
| 41:2 | 17:0_6:0_18:2 | 329.05±16.45 | 6:0_17:0_18:2 | 2.10±0.10 |
| 41:2 | 17:1_6:0_18:1 | 157.56±7.88 | - | - |
| 41:2 | - | - | 8:0_15:0_18:2 | 1.56±0.08 |
| 42:0 | 16:0_12:0_14:0 | 965.81±48.29 | 16:0_12:0_14:0 | 10.77±0.54 |
| 42:0 | 10:0_12:0_18:0 | 659.74±32.98 | 10:0_12:0_18:0 | 7.6±0.38 |
| 42:0 | 16:0_14:0_18:0 | 571.54±28.58 | 16:0_14:0_18:0 | 8.6±0.43 |
| 42:1 | 10:0_14:0_18:1 | 622.04±31.1 | 10:0_14:0_18:1 | 10.5±0.53 |
| 42:1 | 8:0_18:1_16:0 | 555.14±27.76 | 16:0_8:0_18:1 | 13.09±0.65 |
| 42:2 | 18:1_18:1_6:0 | 347.77±17.39 | 18:1_18:1_6:0 | 1.99±0.1 |
| 42:2 | - | - | 10:0_14:0_18:2 | 0.8±0.04 |
| 42:2 | 16:0_8:0_18:2 | 145.22±7.26 | 16:0_8:0_18:2 | 1.34±0.07 |
| 42:3 | 18:1_6:0_18:2 | 281.86±14.09 | 18:1_6:0_18:2 | 4.79±0.24 |
| 42:3 | 14:0_10:0_18:3 | 102.21±5.11 | 10:0_14:0_18:3 | 2.94±0.15 |
| 42:4 | 18:2_18:2_6:0 | 206.6±10.33 | 18:2_18:2_6:0 | 3.42±0.17 |
| 42:4 | 18:1_6:0_18:3 | 288.27±14.41 | 18:1_6:0_18:3 | 8.24±0.41 |
| 42:5 | 16:0_4:0_22:5 | 276.93±13.84 | 16:0_4:0_22:5 | 5.17±0.26 |
| 42:6 | 4:0_18:2_20:4 | 40.64±2.03 | 18:2_4:0_20:4 | 1.61±0.06 |
| 43:0 | 10:0_18:0_15:0 | 141.97±7.1 | 10:0_15:0_18:0 | 4.31±0.22 |
| 43:0 | 16:0_17:0_10:0 | 204.9±10.25 | 16:0_17:0_10:0 | 4.6±0.23 |
| 43:0 | 16:0_11:0_16:0 | 96.44±4.82 | 16:0_11:0_16:0 | 1.36±0.07 |
| 43:0 | 14:0_11:0_18:0 | 94.74±4.74 | 14:0_11:0_18:0 | 1.17±0.06 |

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| 43:0 | 15:0_11:0_17:0 | 67.61±3.38 | 15:0_11:0_17:0 | 1.7±0.08 |
| 43:0 | 12:0_16:0_15:0 | 81.02±4.05 | 12:0_16:0_15:0 | 0.7±0.04 |
| 43:0 | 12:0_13:0_18:0 | 61.36±3.07 | 12:0_13:0_18:0 | 1.08±0.05 |
| 43:0 | 12:0_17:0_14:0 | 76.60±3.83 | 12:0_14:0_17:0 | 0.69±0.03 |
| 43:0 | 13:0_15:0_15:0 | 13.34±0.67 | 15:0_13:0_15:0 | 0.25±0.01 |
| 43:0 | 14:0_13:0_16:0 | 34.44±1.72 | 13:0_14:0_16:0 | 0.41±0.02 |
| 43:0 | 17:0_13:0_13:0 | 22.03±1.1 | 17:0_13:0_13:0 | 0.61±0.03 |
| 43:0 | 14:0_15:0_14:0 | 24.97±1.25 | 14:0_15:0_14:0 | 0.37±0.02 |
| 43:1 | 16:0_9:0_18:1 | 81.02±4.05 | 9:0_16:0_18:1 | 2.16±0.11 |
| 43:1 | 15:0_10:0_18:1 | 173.42±8.67 | 15:0_10:0_18:1 | 4.43±0.22 |
| 43:1 | 10:0_16:0_17:1 | 89.7±4.49 | 10:0_17:1_16:0 | 1.58±0.08 |
| 43:1 | 17:1_12:0_14:0 | 49.64±2.48 | 17:1_12:0_14:0 | 0.41±0.02 |
| 43:2 | 17:1_9:0_17:1 | 24.51±1.26 | 17:1_9:0_17:1 | 1.01±0.05 |
| 43:2 | 18:1_7:0_18:1 | 57.69±2.88 | 18:1_7:0_18:1 | 1.52±0.08 |
| 43:2 | 9:0_16:0_18:2 | 32.65±1.63 | 16:0_9:0_18:2 | 0.94±0.05 |
| 43:2 | 18:2_10:0_15:0 | 110.45±5.53 | 10:0_18:2_15:0 | 1.81±0.09 |
| 43:5 | 22:5_17:0_4:0 | 69.82±3.49 | 22:5_4:0_17:0 | 1.48±0.07 |
| 44:0 | 16:0_10:0_18:0 | 197.74±9.89 | 16:0_10:0_18:0 | 8.91±0.45 |
| 44:0 | 12:0_14:0_18:0 | 72.83±3.64 | 12:0_14:0_18:0 | 1.68±0.08 |
| 44:0 | 16:0_12:0_16:0 | 21.24±1.06 | 16:0_12:0_16:0 | 0.37±0.02 |
| 44:0 | 14:0_14:0_16:0 | 53.77±2.69 | 14:0_14:0_16:0 | 1.85±0.09 |
| 44:1 | 16:0_10:0_18:1 | 1469.48±73.47 | 16:0_10:0_18:1 | 14.66±0.73 |

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| 44:1 | 12:0_14:0_18:1 | 370.46±18.52 | 14:0_12:0_18:1 | 7.41±0.37 |
| 44:2 | 16:0_10:0_18:1 | 193.94±9.7 | 10:0_16:0_18:1 | 3.23±0.16 |
| 44:2 | 12:0_14:0_18:2 | 131.54±6.58 | 12:0_14:0_18:2 | 2.05±0.1 |
| 44:2 | 16:1_12:0_16:1 | 21.47±1.07 | 16:1_12:0_16:1 | 0.46±0.02 |
| 44:2 | 8:0_18:1_18:1 | 140.04±7 | 8:0_18:1_18:1 | 2.41±0.12 |
| 44:2 | 10:0_18:1_16:1 | 92.71±4.64 | 10:0_18:1_16:1 | 1.84±0.09 |
| 44:3 | 14:0_12:0_18:3 | 49.68±2.48 | 12:0_14:0_18:3 | 0.39±0.02 |
| 44:3 | 8:0_18:2_18:1 | 334.48±16.72 | 8:0_18:2_18:1 | 5.57±0.28 |
| 44:3 | 10:0_16:0_18:3 | 41.58±2.08 | 10:0_16:0_18:3 | 0.36±0.02 |
| 44:3 | 16:0_10:1_18:2 | 95.38±4.77 | 10:1_16:0_18:2 | 1.57±0.08 |
| 44:4 | 8:0_18:3_18:1 | 219.79±10.99 | 8:0_18:3_18:1 | 4.9±0.24 |
| 44:4 | 8:0_18:2_18:2 | 96.73±4.84 | 8:0_18:2_18:2 | 1.56±0.08 |
| 44:5 | 16:0_6:0_22:5 | 209.64±10.48 | - | - |
| 44:6 | 18:1_4:0_22:5 | 131.55±6.58 | 18:1_4:0_22:5 | 2.05±0.1 |
| 45:0 | 14:0_15:0_16:0 | 174.48±8.72 | 15:0_14:0_16:0 | 1.74±0.09 |
| 45:0 | 14:0_14:0_17:0 | 148.81±7.44 | 14:0_14:0_17:0 | 2.29±0.11 |
| 45:0 | 15:0_12:0_18:0 | 126.99±6.35 | 15:0_12:0_18:0 | 3.98±0.2 |
| 45:0 | 16:0_12:0_17:0 | 163.95±8.2 | 16:0_12:0_17:0 | 3.37±0.17 |
| 45:1 | 16:0_12:0_17:1 | 55.05±2.75 | 16:0_12:0_17:1 | 0.61±0.03 |
| 45:1 | 10:0_17:0_18:1 | 160.48±8.02 | 10:0_17:0_18:1 | 1.08±0.05 |
| 45:2 | 12:0_15:0_18:2 | 16.2±0.81 | 12:0_15:0_18:2 | 0.54±0.03 |
| 45:2 | 17:1_10:0_18:1 | 43.5±2.17 | 10:0_17:1_18:1 | 1.63±0.08 |

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| 45:3 | 12:0_15:0_18:3 | 61.09±3.05 | 15:0_12:0_18:3 | 1.22±0.06 |
| 45:3 | 10:0_17:0_18:3 | 28143.37±1407.17 | 10:0_18:3_17:0 | 1.43±0.07 |
| 45:3 | 17:1_18:2_10:0 | 28124.87±1406.24 | 10:0_17:1_18:2 | 481.39±24.07 |
| 45:3 | 18:1_9:0_18:2 | 66.1±3.31 | 9:0_18:1_18:2 | 480.65±24.03 |
| 46:0 | 12:0_16:0_18:0 | 62.57±3.13 | 16:0_12:0_18:0 | 2.48±0.12 |
| 46:0 | 16:0_14:0_16:0 | 29.87±1.49 | 14:0_16:0_16:0 | 0.6±0.03 |
| 46:0 | 14:0_14:0_18:0 | 45.5±2.28 | 14:0_14:0_18:0 | 2.12±0.11 |
| 46:1 | 16:1_18:0_12:0 | 240.42±12.02 | 18:0_16:1_12:0 | 4.82±0.24 |
| 46:1 | 16:0_16:1_14:0 | 522.45±26.12 | 16:0_16:1_14:0 | 10.09±0.5 |
| 46:1 | 14:0_14:0_18:1 | 665.12±33.26 | 14:0_14:0_18:1 | 11.61±0.58 |
| 46:1 | 16:0_12:0_18:1 | 384.94±19.25 | 16:0_12:0_18:1 | 9.29±0.46 |
| 46:1 | 10:0_18:0_18:1 | 115.02±5.75 | 10:0_18:0_18:1 | 4.23±0.21 |
| 46:2 | 14:0_14:0_18:2 | 41.3±2.06 | 14:0_14:0_18:2 | 0.51±0.03 |
| 46:2 | 10:0_18:1_18:1 | 76.01±3.8 | 10:0_18:1_18:1 | 2.11±0.11 |
| 46:2 | 12:0_16:0_18:2 | 51.04±2.55 | 16:0_12:0_18:2 | 0.93±0.05 |
| 46:3 | 10:0_18:2_18:1 | 159.82±7.99 | 18:1_10:0_18:2 | 10.71±0.54 |
| 46:4 | 18:1_10:0_18:3 | 201.26±10.06 | 10:0_18:1_18:3 | 8.08±0.4 |
| 46:4 | 10:0_18:2_18:2 | 101.27±5.06 | 10:0_18:2_18:2 | 2.23±0.11 |
| 46:5 | 16:0_8:0_22:5 | 107.621±5.38 | 16:0_8:0_22:5 | 1.7±0.08 |
| 46:5 | 10:0_14:0_22:5 | 29.82±1.49 | - | - |
| 46:6 | - | - | 22:5_18:1_6:0 | 0.76±0.04 |
| 47:0 | 15:0_14:0_18:0 | 59±2.95 | - | - |

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| 47:0 | 16:0_14:0_17:0 | 67.08±3.35 | - | - |
| 47:0 | 15:0_16:0_16:0 | 59.34±2.97 | 15:0_16:0_16:0 | 2.95±0.15 |
| 47:1 | 14:0_17:1_16:0 | 347.28±17.36 | 14:0_16:0_17:1 | 3.48±0.17 |
| 47:2 | 17:1_12:0_18:1 | 120.84±6.04 | 12:0_17:1_18:1 | 1.96±0.1 |
| 47:2 | 14:0_16:0_18:2 | 164.33±8.22 | 14:0_16:0_18:2 | 0.74±0.04 |
| 47:3 | 17:1_12:0_18:2 | 65.67±3.28 | 17:1_12:0_18:2 | 0.71±0.04 |
| 47:3 | 14:0_18:3_15:0 | 99.71±4.99 | 15:0_14:0_18:3 | 0.45±0.02 |
| 47:3 | 12:0_17:0_18:3 | 75.07±3.75 | 17:0_12:0_18:3 | 0.4±0.02 |
| 48:0 | 16:0_14:0_18:0 | 1332.4±66.62 | 16:0_14:0_18:0 | 31.21±1.56 |
| 48:1 | 18:1_14:0_16:0 | 40490.89±2024.54 | 18:1_14:0_16:0 | 15.09±0.75 |
| 48:2 | 18:1_12:0_18:1 | 1002.11±50.11 | 18:1_12:0_18:1 | 16.94±0.85 |
| 48:2 | 16:0_18:2_14:0 | 318.29±15.91 | 16:0_14:0_18:2 | 5.79±0.29 |
| 48:2 | 18:1_14:0_16:1 | 244.82±12.24 | 14:0_16:1_18:1 | 4.22±0.21 |
| 48:2 | 16:0_16:1_16:1 | 206.06±10.3 | 16:0_16:1_16:1 | 1.86±0.09 |
| 48:3 | 18:1_12:0_18:2 | 225.82±11.29 | 18:1_12:0_18:2 | 7.67±0.38 |
| 48:4 | 12:0_20:4_16:0 | 45.42±2.27 | 12:0_20:4_16:0 | 0.94±0.05 |
| 48:4 | 14:0_20:4_14:0 | 11.18±0.56 | 14:0_20:4_14:0 | 0.17±0.01 |
| 48:5 | 10:0_16:0_22:5 | 121.41±6.07 | 10:0_22:5_16:0 | 0.99±0.05 |
| 48:6 | - | - | 16:0_10:0_22:6 | 2.46±0.12 |
| 49:0 | 17:0_14:0_18:0 | 92.68±4.63 | 17:0_14:0_18:0 | 2.14±0.11 |
| 49:0 | 16:0_15:0_18:0 | 111.39±5.57 | 16:0_15:0_18:0 | 2.37±0.12 |
| 49:0 | 17:0_15:0_17:0 | 26±1.3 | 17:0_15:0_17:0 | 0.51±0.03 |

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| 49:0 | 16:0_17:0_16:0 | 78.67±3.93 | 16:0_17:0_16:0 | 1.45±0.07 |
| 49:1 | 14:0_18:1_17:0 | 96.69±4.83 | 14:0_18:1_17:0 | 1.44±0.07 |
| 49:1 | 15:0__17:1_17:0 | 81721.07±4086.05 | 15:0__17:1_17:0 | 8.15±0.41 |
| 49:1 | 15:0_18:1_16:0 | 81533.73±4076.69 | 16:0_15:0_18:1 | 1.72±0.09 |
| 49:2 | 16:0_18:2_15:0 | 53.22±2.66 | 15:0_16:0_18:2 | 1.67±0.08 |
| 49:2 | 14:0_17:0_18:2 | 36.57±1.83 | 14:0_17:0_18:2 | 1.24±0.06 |
| 49:2 | 15:0_16:1_18:1 | 79.36±3.97 | 15:0_16:1_18:1 | 1.68±0.08 |
| 49:2 | 17:1_16:1_16:0 | 33.13±1.66 | 17:1_16:1_16:0 | 0.96±0.05 |
| 49:2 | 17:1_17:1_15:0 | 20.03±1 | 17:1_17:1_15:0 | 0.6±0.03 |
| 49:2 | 16:1_17:0_16:1 | 8.54±0.43 | 16:1_16:1_17:0 | 0.47±0.02 |
| 49:3 | 15:0_16:1_18:2 | 41.98±2.1 | 15:0_16:1_18:2 | 1.2±0.06 |
| 49:3 | 17:1_18:2_14:0 | 38.6±1.93 | 17:1_18:2_14:0 | 0.54±0.03 |
| 49:3 | 13:0_18:2_18:1 | 40.33±2.02 | 18:2_13:0_18:1 | 1.11±0.06 |
| 49:3 | 14:0_18:3_17:0 | 39.31±1.97 | 17:0_14:0_18:3 | 1.07±0.05 |
| 49:3 | 16:0_15:0_18:3 | 66.88±3.34 | 16:0_15:0_18:3 | 1.92±0.1 |
| 50:0 | 16:0_16:0_18:0 | 3709.06±185.45 | 16:0_16:0_18:0 | 398.4±19.92 |
| 50:0 | 16:0_20:0_14:0 | 159.83±7.99 | 16:0_14:0_20:0 | 0.52±0.03 |
| 50:0 | 18:0_14:0_18:0 | 238.52±11.93 | 18:0_14:0_18:0 | 5624.16±281.21 |
| 50:1 | 18:0_14:0_18:1 | 753.92±37.7 | 18:0_14:0_18:1 | 26.53±1.33 |
| 50:1 | 16:0_18:1_16:0 | 933.73±46.69 | 16:0_16:0_18:1 | 32.32±1.62 |
| 50:2 | 18:1_14:0_18:1 | 15640.2±782.01 | 18:1_14:0_18:1 | 19.06±0.95 |
| 50:2 | 16:0_16:1_18:1 | 756.63±37.83 | 16:0_16:1_18:1 | 5.1±0.26 |

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| 50:2 | 16:0_16:0_18:2 | 249.06±12.45 | 16:0_16:0_18:2 | 1.14±0.06 |
| 50:3 | 16:0_16:1_18:2 | 372.69±18.63 | 16:0_16:1_18:2 | 3.98±0.2 |
| 50:3 | 18:1_18:2_14:0 | 458.91±22.95 | 18:1_18:2_14:0 | 6.15±0.31 |
| 50:4 | 18:1_14:0_18:3 | 223.8±11.19 | 18:1_14:0_18:3 | 7.77±0.39 |
| 50:4 | 18:2_14:0_18:2 | 67.94±3.4 | 14:0_18:2_18:2 | 1.24±0.06 |
| 50:4 | 14:0_20:4_16:0 | 2863.68±143.18 | 14:0_20:4_16:0 | 1.27±0.06 |
| 50:5 | 14:0_22:5_14:0 | 19.68±0.98 | 14:0_22:5_14:0 | 0.84±0.04 |
| 50:5 | 16:0_12:0_22:5 | 8.48±0.42 | 16:0_12:0_22:5 | 0.12±0.01 |
| 51:0 | 16:0_17:0_18:0 | 174.16±8.71 | 17:0_16:0_18:0 | 4.91±0.25 |
| 51:1 | 16:0_17:0_18:1 | 959.73±47.99 | 16:0_17:0_18:1 | 9.65±0.48 |
| 51:1 | 18:1_15:0_18:0 | 555.65±27.78 | 18:1_15:0_18:0 | 7.26±0.36 |
| 51:2 | 15:0_18:1_18:1 | 110.88±5.54 | 15:0_18:1_18:1 | 3.79±0.19 |
| 51:2 | 16:0_17:1_18:1 | 110.68±5.53 | 16:0_17:1_18:1 | 4.11±0.21 |
| 51:3 | 16:1_17:0_18:2 | 87.35±4.37 | 16:1_17:0_18:2 | 0.98±0.05 |
| 51:3 | 18:2_16:0_17:1 | 58.2±2.91 | 18:2_16:0_17:1 | 0.78±0.04 |
| 51:3 | 18:2_16:0_18:1 | 142.97±7.15 | 18:2_16:0_18:1 | 2.69±0.13 |
| 51:3 | 17:0_16:0_18:3 | 42.53±2.13 | 16:0_17:0_18:3 | 0.4±0.02 |
| 51:4 | - | - | 16:0_17:1_18:3 | 0.53±0.03 |
| 51:4 | 18:3_15:0_18:1 | 126.63±6.33 | 18:3_15:0_18:1 | 1.33±0.07 |
| 51:4 | 18:2_18:2_15:0 | 47.5±2.38 | 18:2_15:0_18:2 | 0.68±0.03 |
| 52:0 | 16:0_18:0_18:0 | 297.37±14.87 | 16:0_18:0_18:0 | 4.86±0.24 |
| 52:1 | 16:0_18:0_18:1 | 1963.7±98.19 | 16:0_18:0_18:1 | 39.93±2 |

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| 52:2 | 16:0_18:2_18:0 | 326.15±16.31 | 16:0_18:2_18:0 | 2.21±0.11 |
| 52:2 | 18:1_16:0_18:1 | 470.74±23.54 | 18:1_16:0_18:1 | 4.09±0.2 |
| 52:3 | 16:0_18:2_18:1 | 1828.77±91.44 | 18:2_16:0_18:1 | 14.22±0.71 |
| 52:4 | 18:1_16:0_18:3 | 427.56±21.38 | 18:1_16:0_18:3 | 8.8±0.44 |
| 52:4 | 16:0_18:2_18:2 | 238.15±11.91 | 16:0_18:2_18:2 | 6.56±0.33 |
| 52:5 | - | - | 14:0_16:0_22:5 | 0.1±0.01 |
| 52:5 | 14:0_20:4_18:1 | 29.88±1.5 | - | - |
| 52:6 | 18:1_14:0_20:5 | 120.43±6.02 | 18:1_14:0_20:5 | 1.83±0.09 |
| 52:6 | 14:0_20:4_18:2 | 39.3±1.97 | 14:0_18:2_20:4 | 0.28±0.01 |
| 53:0 | 23:0_14:0_16:0 | 56.91±2.85 | 23:0_14:0_16:0 | 0.6±0.03 |
| 53:0 | 14:0_21:0_18:0 | 42.38±2.12 | 21:0_14:0_18:0 | 0.52±0.03 |
| 53:0 | 15:0_15:0_23:0 | 21.18±1.06 | 15:0_15:0_23:0 | 0.39±0.02 |
| 53:0 | 17:0_15:0_21:0 | 39.92±2 | 17:0_15:0_21:0 | 0.86±0.04 |
| 53:0 | 16:0_21:0_16:0 | 27.55±1.38 | 21:0_16:0_16:0 | 0.38±0.02 |
| 53:0 | 16:0_19:0_18:0 | 25.09±1.25 | 19:0_16:0_18:0 | 0.83±0.04 |
| 53:0 | 17:0_18:0_18:0 | 15.26±0.76 | 18:0_17:0_18:0 | 0.57±0.03 |
| 53:0 | 19:0_17:0_17:0 | 16.65±0.83 | 19:0_17:0_17:0 | 0.45±0.02 |
| 53:1 | 16:0_18:1_19:0 | 67.22±3.36 | 16:0_18:1_19:0 | 1.37±0.07 |
| 53:1 | 17:0_18:1_18:0 | 118.73±5.94 | 17:0_18:1_18:0 | 3.45±0.17 |
| 53:2 | 18:1_17:0_18:1 | 54219.68±2710.98 | 18:1_17:0_18:1 | 3.06±0.15 |
| 53:2 | 18:0_17:0_18:2 | 53879.08±2693.95 | 17:0_18:2_18:0 | 1.71±0.09 |
| 53:3 | 17:0_18:1_18:2 | 84.46±4.22 | 18:1_17:0_18:2 | 4.02±0.2 |

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| 53:3 | 18:1_17:1_18:1 | 51.84±2.59 | 17:1_18:1_18:1 | 2.4±0.12 |
| 53:4 | 17:1_18:1_18:2 | 127.87±6.39 | 18:1_17:1_18:2 | 1.86±0.09 |
| 53:4 | 18:1_17:0_18:3 | 137.81±6.89 | 18:1_17:0_18:3 | 1.53±0.08 |
| 54:0 | 16:0_20:0_18:0 | 129.17±6.46 | 16:0_20:0_18:0 | 1.88±0.09 |
| 54:1 | 18:0_18:1_18:0 | 759.54±37.98 | 18:1_18:0_18:0 | 6.00±0.3 |
| 54:1 | 18:1_16:0_20:0 | 439.39±21.97 | 18:1_20:0_16:0 | 6.67±0.33 |
| 54:2 | 18:1_18:0_18:1 | 1320.81±66.04 | 18:1_18:1_18:0 | 25.19±1.26 |
| 54:3 | 18:1_18:1_18:1 | 5150.26±257.51 | 18:1_18:1_18:1 | 84.23±4.21 |
| 54:4 | 18:1_18:1_18:2 | 558.17±27.91 | 18:1_18:1_18:2 | 7.01±0.35 |
| 54:6 | 18:1_16:0_20:5 | 97.46±4.87 | 18:1_16:0_20:5 | 0.46±0.02 |
| 54:7 | 18:2_16:0_20:5 | 66.71±3.34 | - | - |
| 55:0 | - | - | 14:0_18:0_23:0 | 1.04±0.05 |
| 55:0 | - | - | 16:0_21:0_18:0 | 0.47±0.02 |
| 55:0 | 16:0_23:0_16:0 | 199.55±9.98 | 16:0_23:0_16:0 | 0.49±0.02 |
| 55:1 | - | - | 21:0_16:0_18:1 | 3.33±0.17 |
| 55:1 | - | - | 16:0_23:1_16:0 | 0.61±0.03 |
| 55:2 | 18:0_19:1_18:1 | 177.33±8.87 | 18:0_18:1_19:1 | 2.44±0.12 |
| 55:2 | 18:1_18:1_19:0 | 127.77±6.39 | 18:1_19:0_18:1 | 1.41±0.07 |
| 55:3 | 18:1_18:1_19:1 | 257.83±12.89 | 18:1_18:1_19:1 | 3.01±0.15 |
| 56:0 | 26:0_14:0_16:0 | 47.01±2.35 | 26:0_14:0_16:0 | 0.34±0.02 |
| 56:0 | 18:0_14:0_24:0 | 48.04±2.4 | 18:0_24:0_14:0 | 115.97±5.8 |
| 56:0 | 16:0_22:0_18:0 | 48.43±2.42 | 22:0_16:0_18:0 | 115.96±5.8 |

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| 56:0 | 24:0_16:0_16:0 | 22.16±1.11 | 24:0_16:0_16:0 | 0.13±0.01 |
| 56:1 | 22:0_16:0_18:1 | 222.01±11.1 | 22:0_16:0_18:1 | 2.16±0.11 |
| 56:1 | 16:0_16:1_24:0 | 87.29±4.36 | 16:0_16:1_24:0 | 0.85±0.04 |
| 56:1 | 18:1_20:0_18:0 | 139.01±6.95 | 18:1_20:0_18:0 | 1.23±0.06 |
| 56:1 | 18:0_24:1_18:0 | 40.17±2.01 | 18:0_24:1_18:0 | 0.51±0.03 |
| 56:1 | 16:0_20:0_20:1 | 117.61±5.88 | 16:0_20:1_20:0 | 0.27±0.01 |
| 56:1 | 16:0_16:0_24:1 | 30.44±1.52 | 16:0_16:0_24:1 | 0.25±0.01 |
| 56:2 | 16:0_20:1_20:1 | 41.61±2.08 | 16:0_20:1_20:1 | 0.55±0.03 |
| 56:2 | 18:0_20:1_18:1 | 135.47±6.77 | 18:0_20:1_18:1 | 2.32±0.12 |
| 56:2 | 16:0_22:1_18:1 | 123.95±6.2 | 18:1_16:0_22:1 | 2.00±0.1 |
| 56:3 | 18:1_20:1_18:1 | 199.87±9.99 | 18:1_20:1_18:1 | 863.34±43.17 |
| 56:4 | 18:0_18:1_20:3 | 131.43±6.57 | 18:0_18:1_20:3 | 1.89±0.09 |
| 56:4 | 16:0_18:1_22:3 | 75.56±3.78+ | 16:0_18:1_22:3 | 1.19±0.06 |
| 56:5 | 16:0_22:4_18:1 | 79.48±3.97 | 16:0_22:4_18:1 | 0.86±0.04 |
| 56:6 | 16:0_18:1_22:5 | 292.81±14.64 | 18:1_16:0_22:5 | 1.51±0.08 |
| 56:7 | - | - | 18:1_16:0_22:6 | 1.87±0.09 |
| 57:1 | 18:0_21:0_18:1 | 52.45±2.62 | 18:1_18:0_21:0 | 1.02±0.05 |
| 57:1 | 16:0_25:1_16:0 | 52.07±2.6 | 16:0_25:1_16:0 | 0.4±0.02 |
| 57:1 | - | - | 16:0_23:1_18:0 | 0.34±0.02 |
| 57:1 | 23:0_16:0_18:1 | 112.99±5.95 | 23:0_16:0_18:1 | 1.47±0.07 |
| 58:1 | 18:1_16:0_24:0 | 34.07±1.7 | 18:1_16:0_24:0 | 0.46±0.02 |
| 58:1 | 18:1_18:0_22:0 | 27.38±1.37 | - | - |

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| 58:2 | 16:0_24:1_18:1 | 213.25±10.66 | 16:0_24:1_18:1 | 1.63±0.08 |
| 58:7 | - | - | 18:1_18:1_22:5 | 1.32±0.07 |
| 59:1 | 18:1_16:0_25:0 | 39.69±1.98 | - | - |