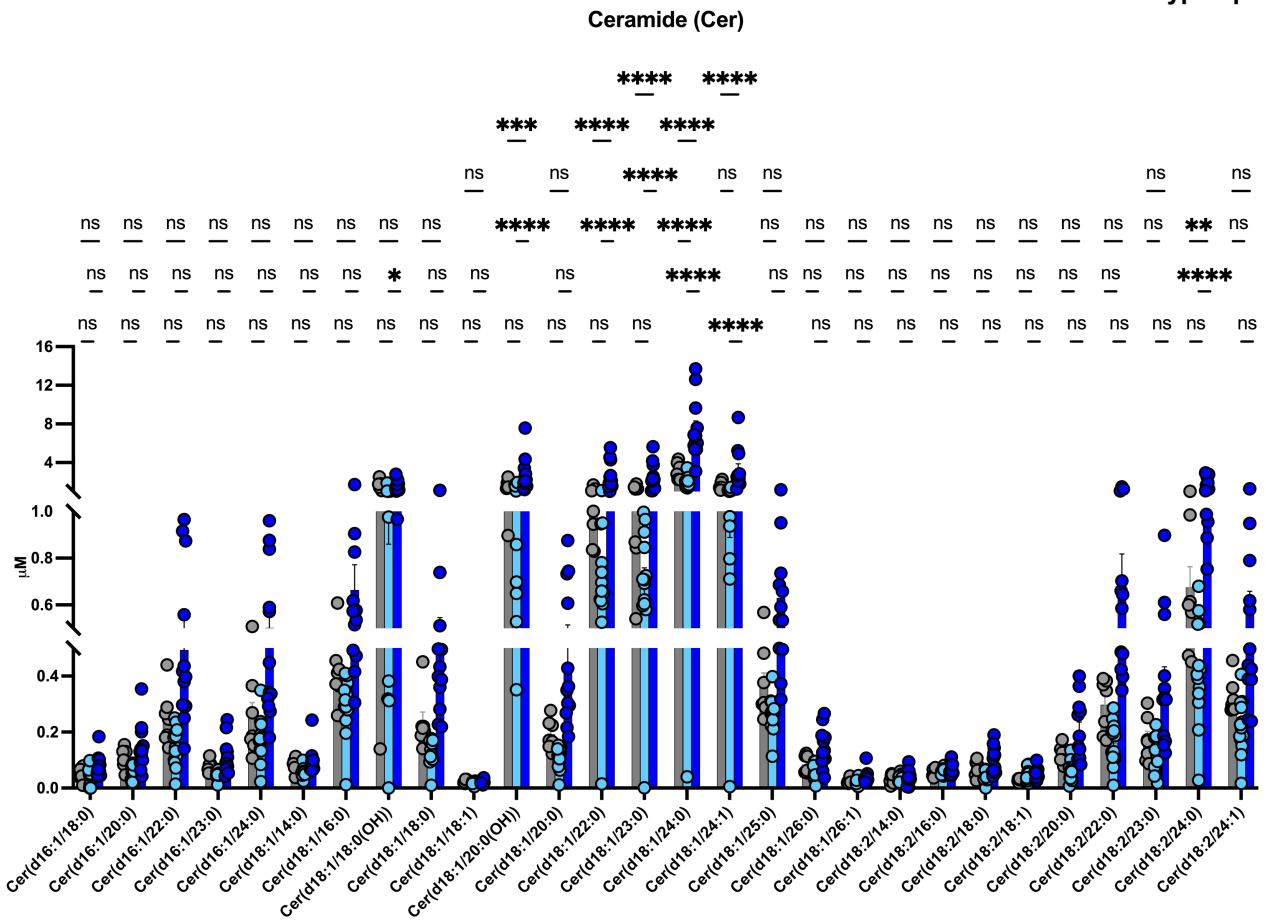
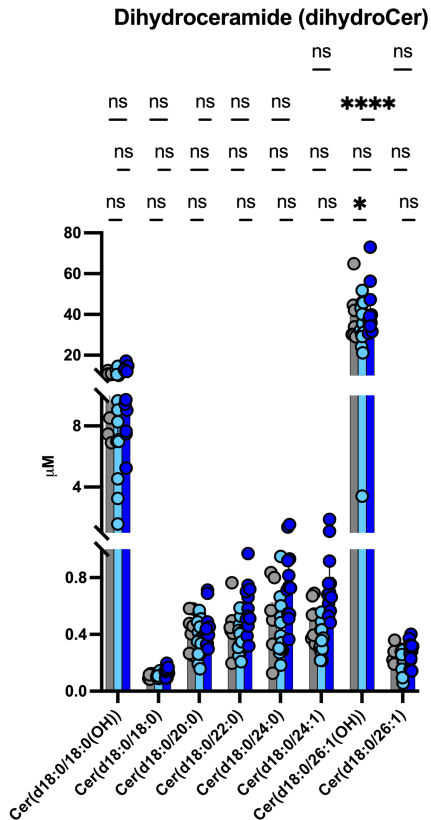


- GSDIa_patients
- Healthy_controls
- Hyperlipid_controls

K

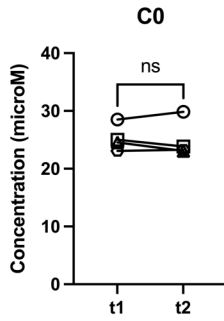


L

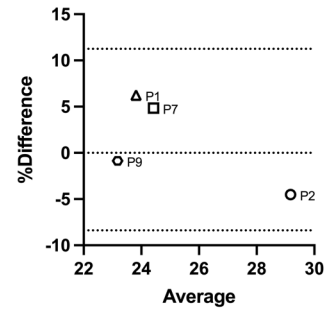


Supplementary Figure S3

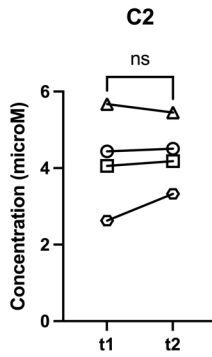
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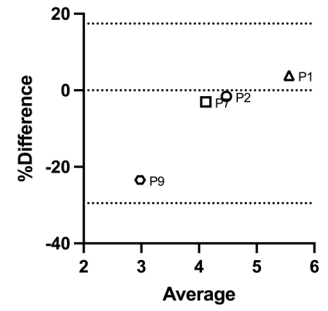
%Difference vs. average: Bland-Altman of C0



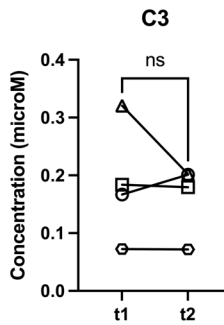
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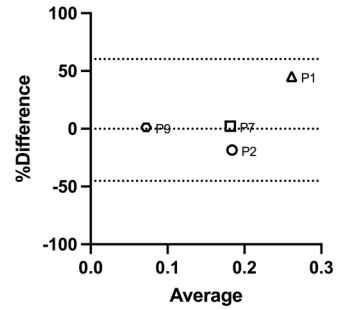
%Difference vs. average: Bland-Altman of C2



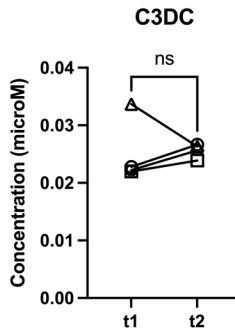
C



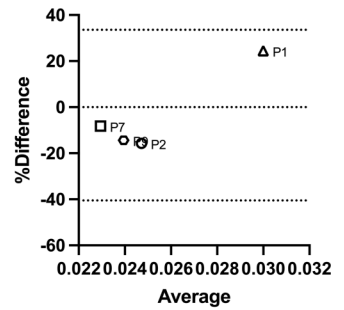
%Difference vs. average: Bland-Altman of C3



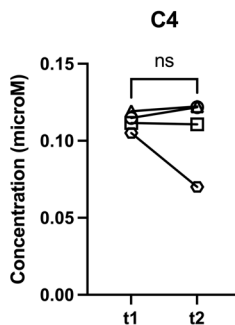
D



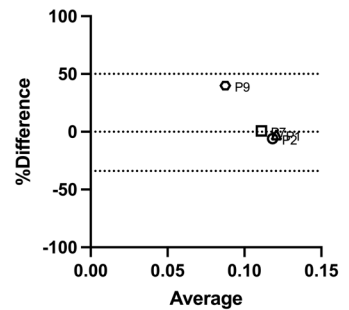
%Difference vs. average: Bland-Altman of C3DC



E

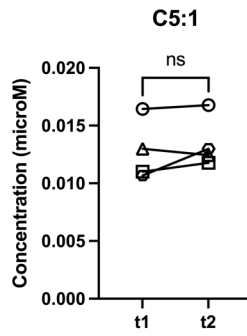


%Difference vs. average: Bland-Altman of C4

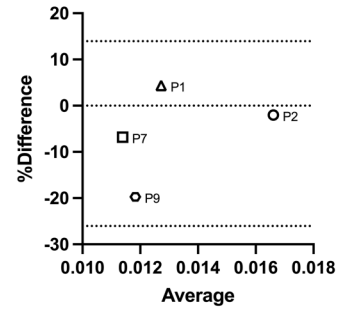


Supplementary Figure S3

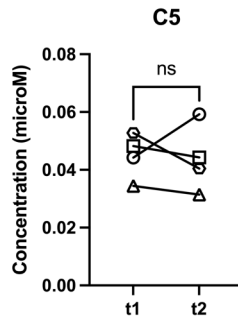
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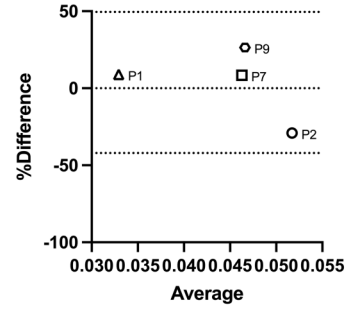
%Difference vs. average: Bland-Altman of C5:1



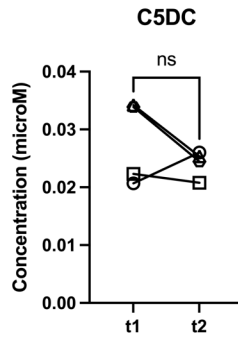
G



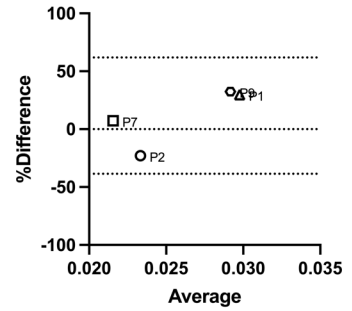
%Difference vs. average: Bland-Altman of C5



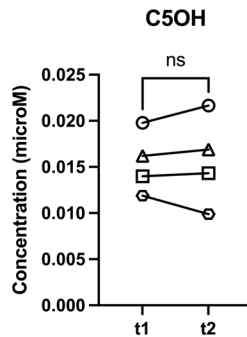
H



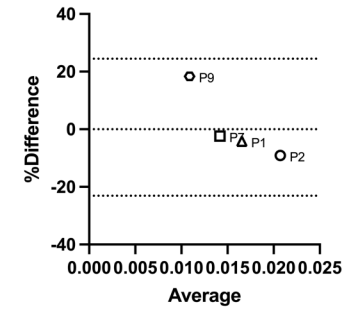
%Difference vs. average: Bland-Altman of C5DC



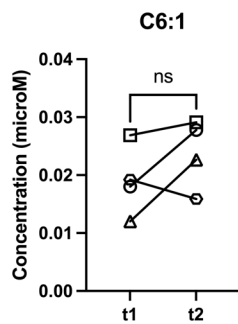
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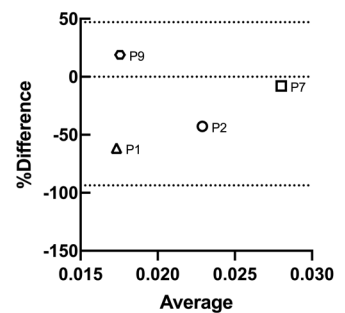
%Difference vs. average: Bland-Altman of C5OH



J

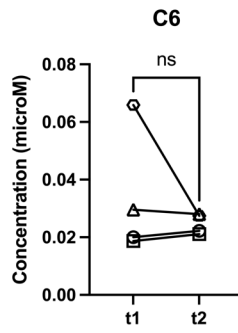


%Difference vs. average: Bland-Altman of C6:1

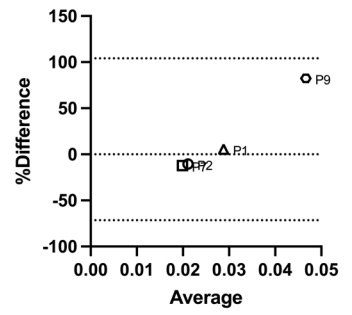


Supplementary Figure S3

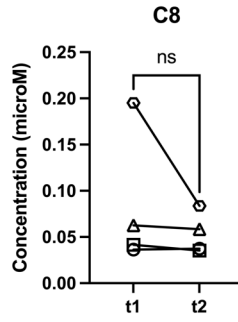
K



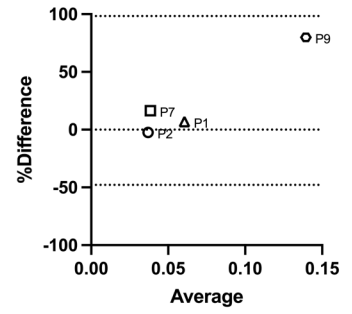
%Difference vs. average: Bland-Altman of C6



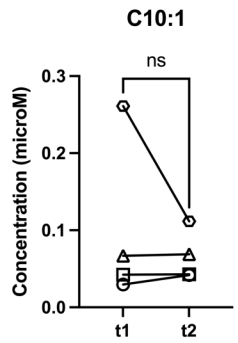
L



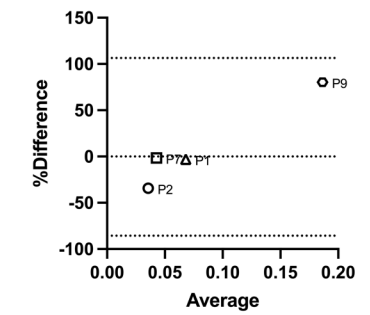
%Difference vs. average: Bland-Altman of C8



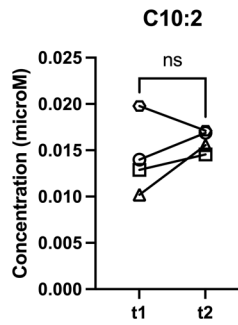
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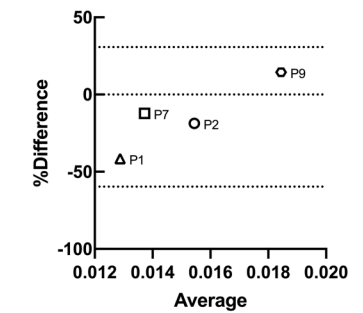
%Difference vs. average: Bland-Altman of C10:1



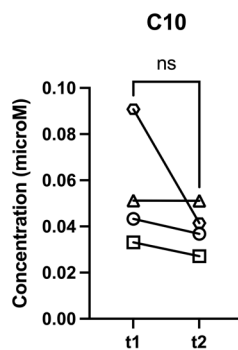
N



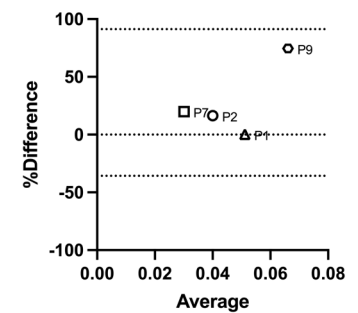
%Difference vs. average: Bland-Altman of C10:2



O

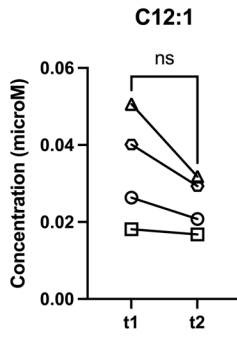


%Difference vs. average: Bland-Altman of C10

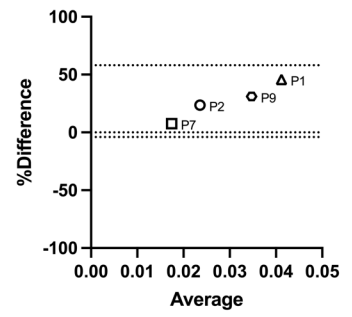


Supplementary Figure S3

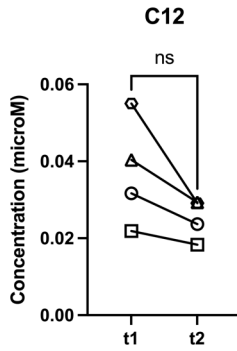
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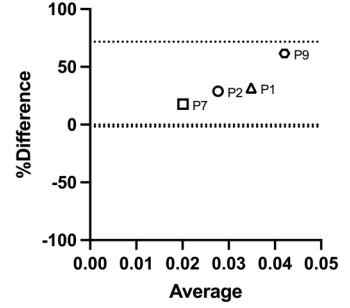
%Difference vs. average: Bland-Altman of C12:1



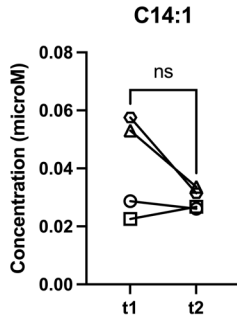
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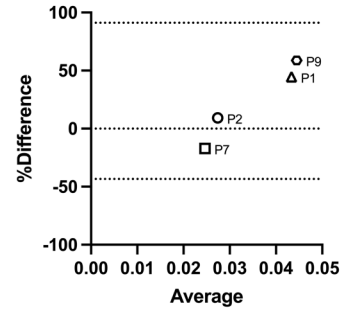
%Difference vs. average: Bland-Altman of C12



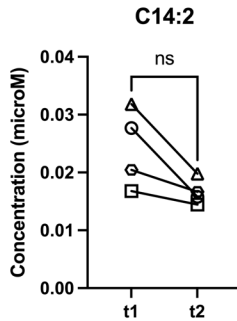
R



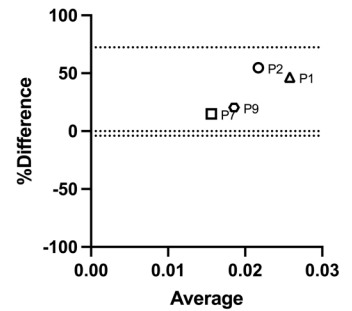
%Difference vs. average: Bland-Altman of C14:1



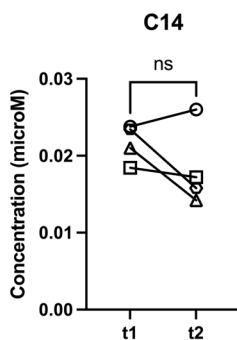
S



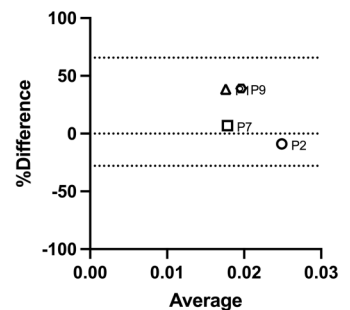
%Difference vs. average: Bland-Altman of C14:2



T

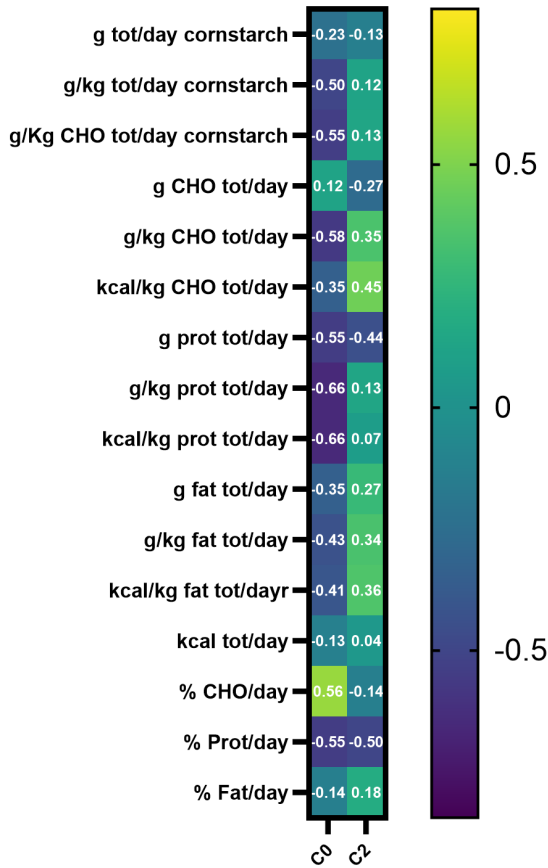


%Difference vs. average: Bland-Altman of C14

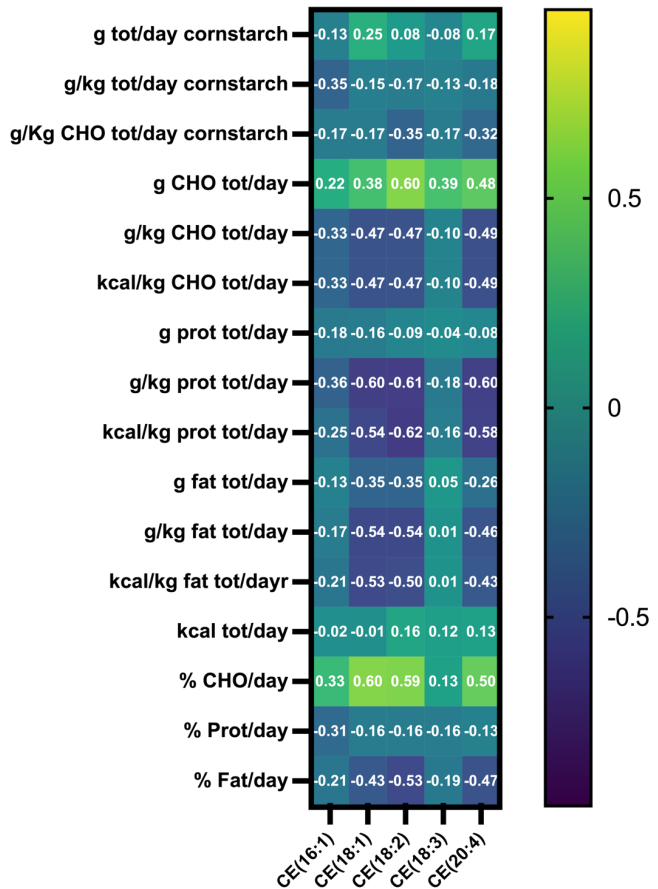


Supplementary Figure S4

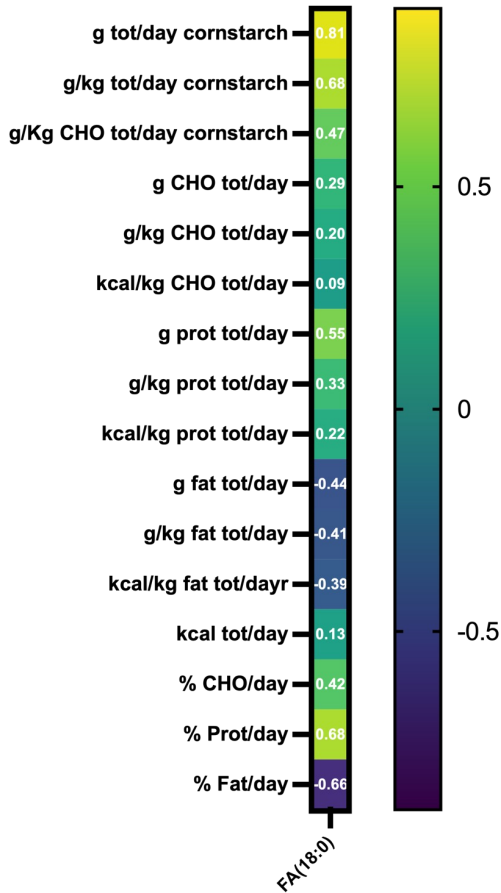
A Carnitine and Acylcarnitines



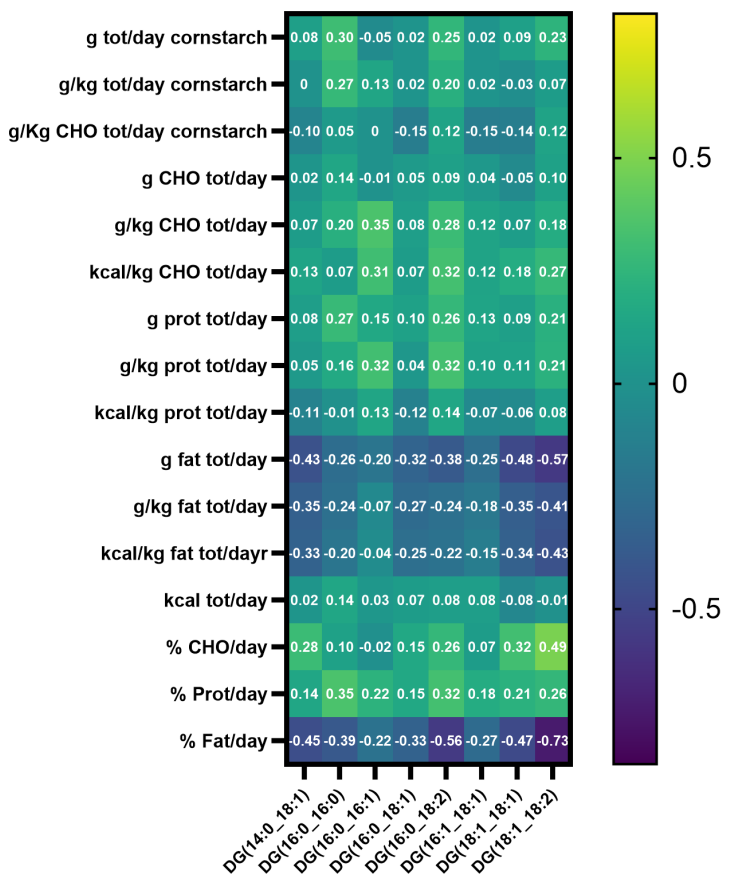
B Cholesterol Esters



C Fatty Acids

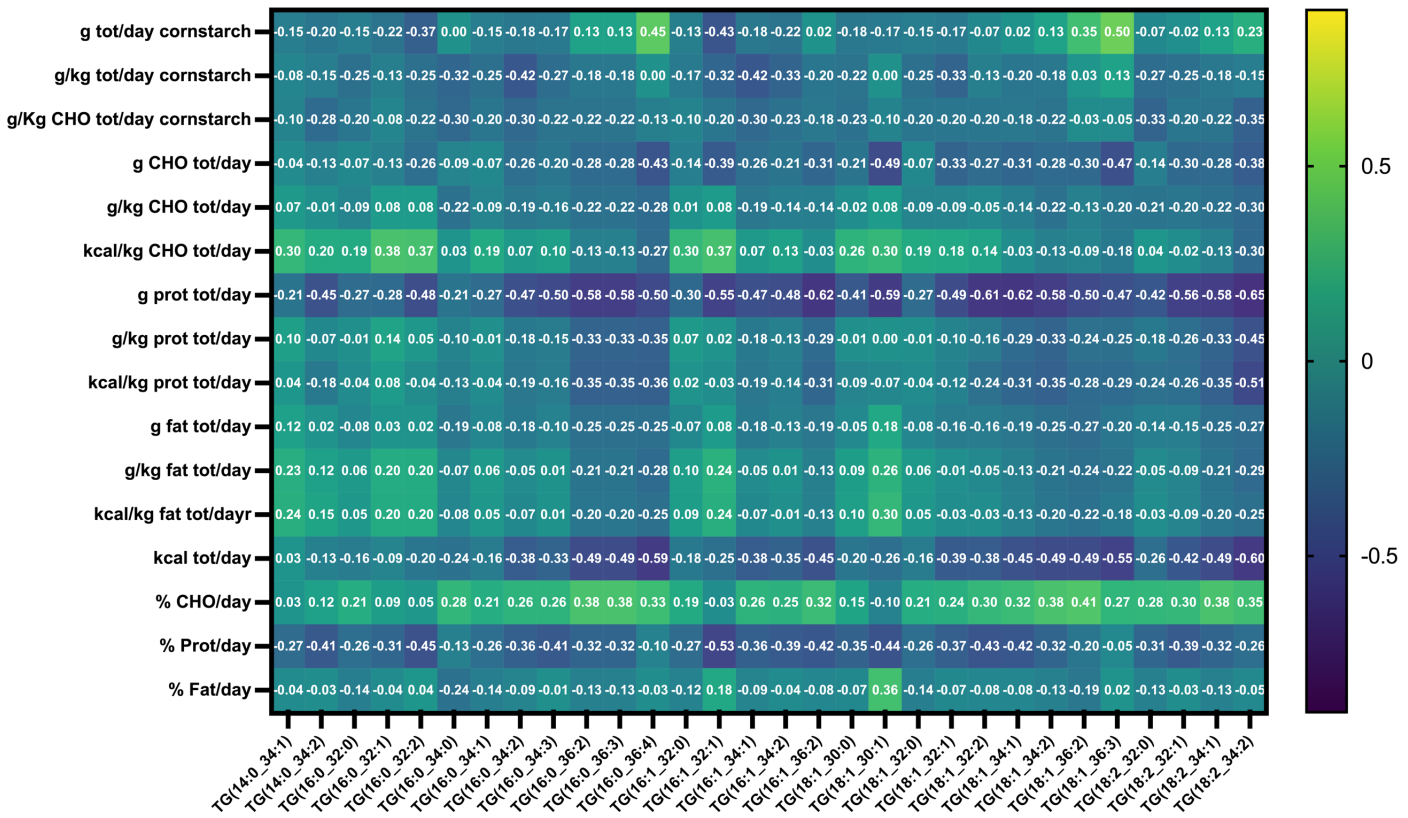


Diacylglycerols



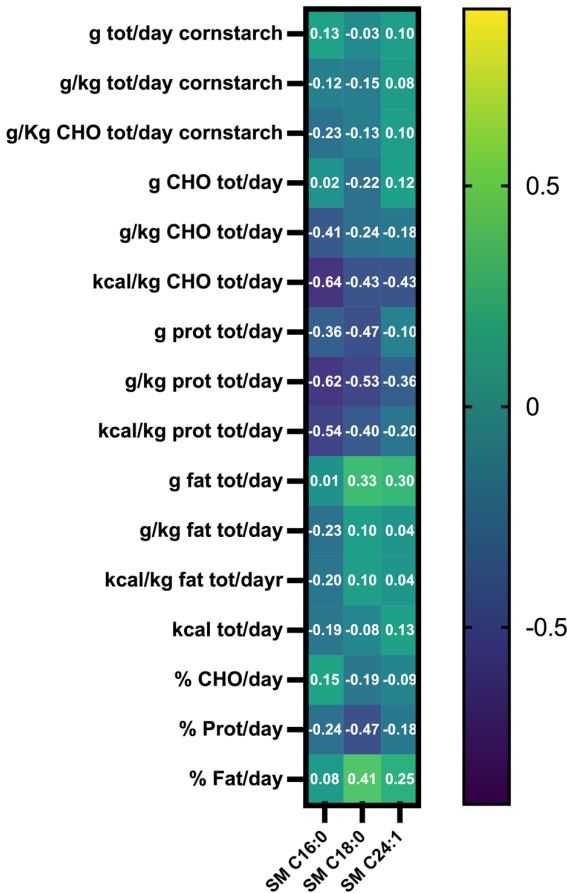
E

Triacylglycerols



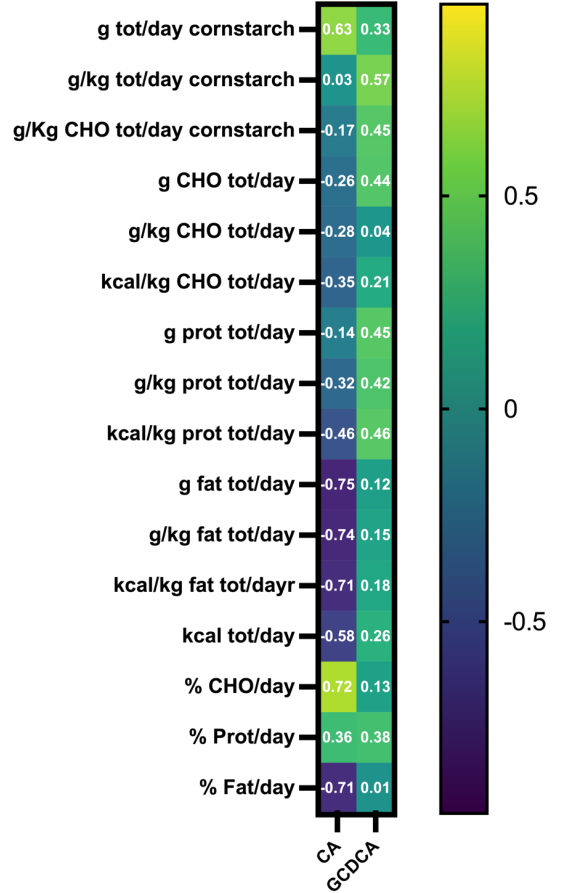
F

Spingomyelin

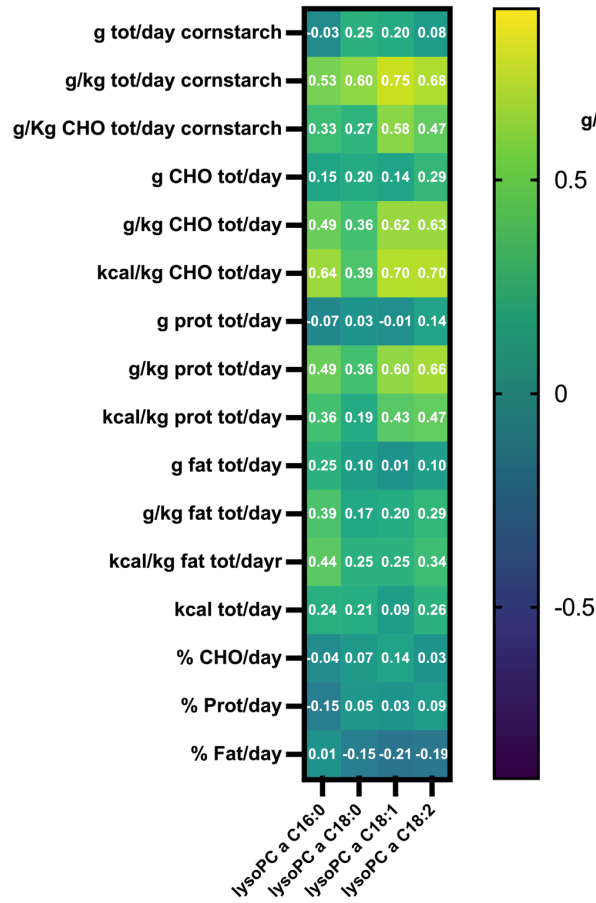


G

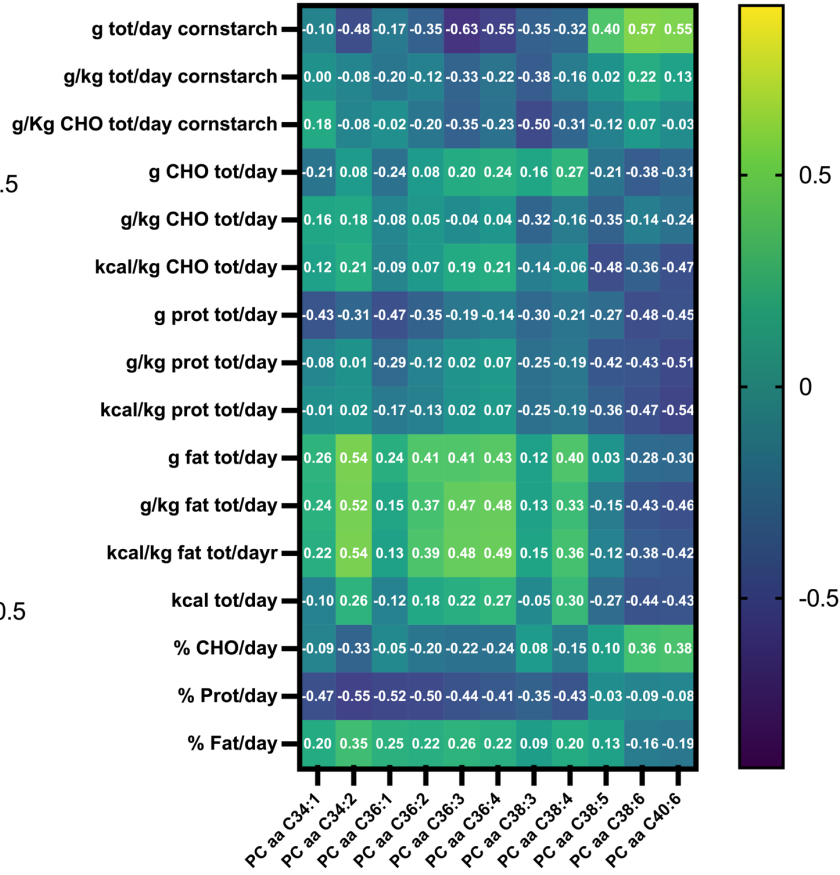
Bile Acids



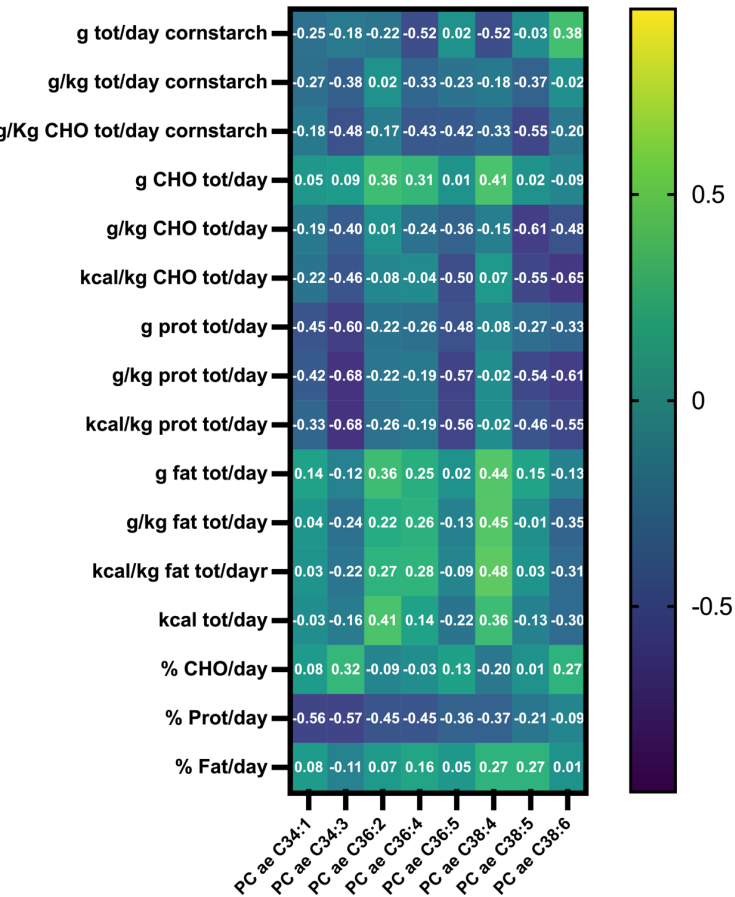
H Lysophosphatidylcholine



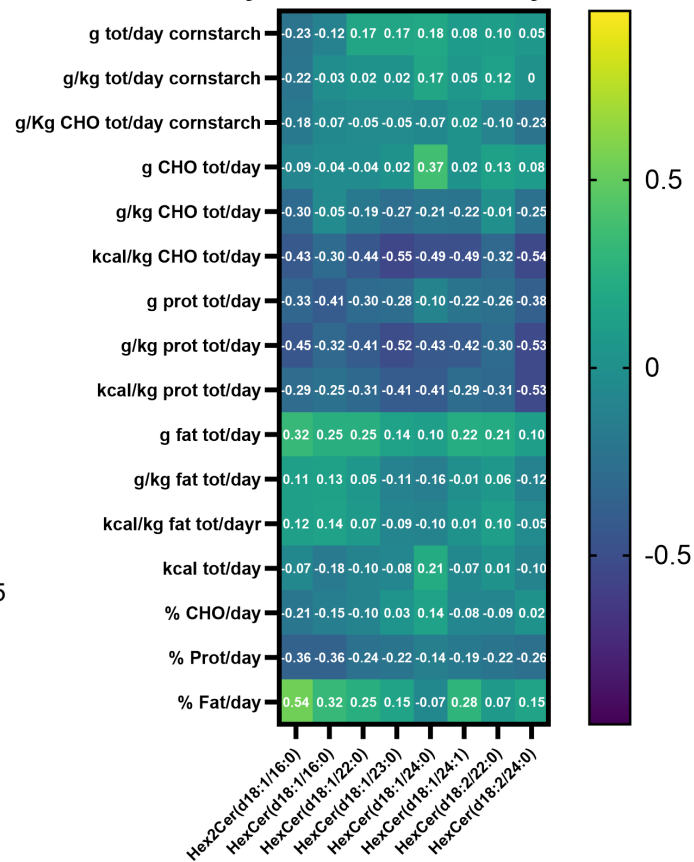
I diacyl-Phosphatidylcholine



J Acyl, alkyl-Phosphatidylcholine



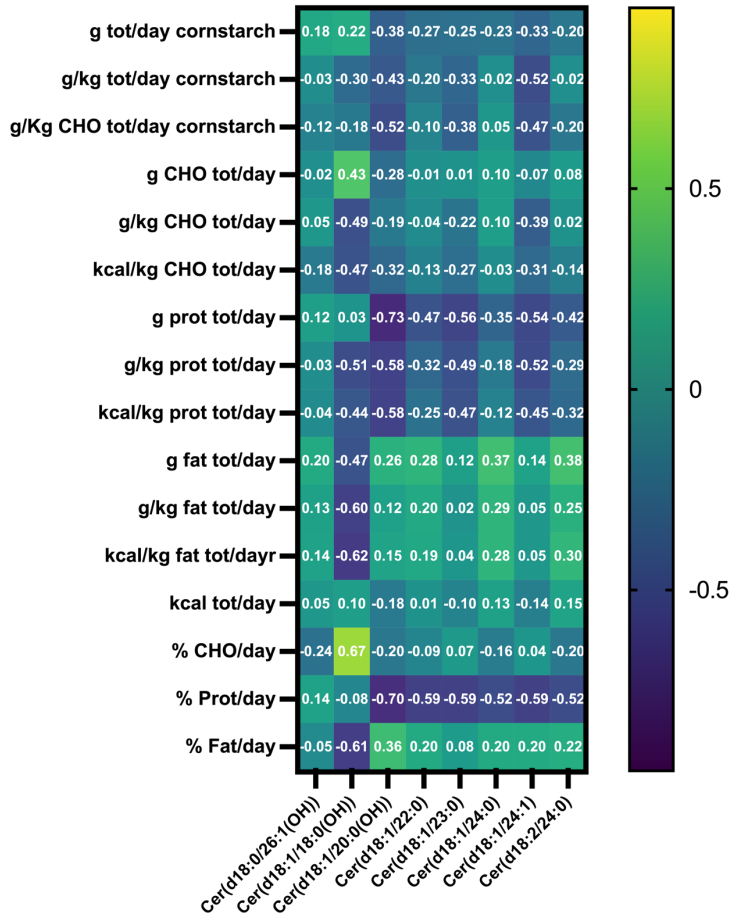
K HexoxylCeramides, Dihexoxylceramides, Trihexoxylceramides



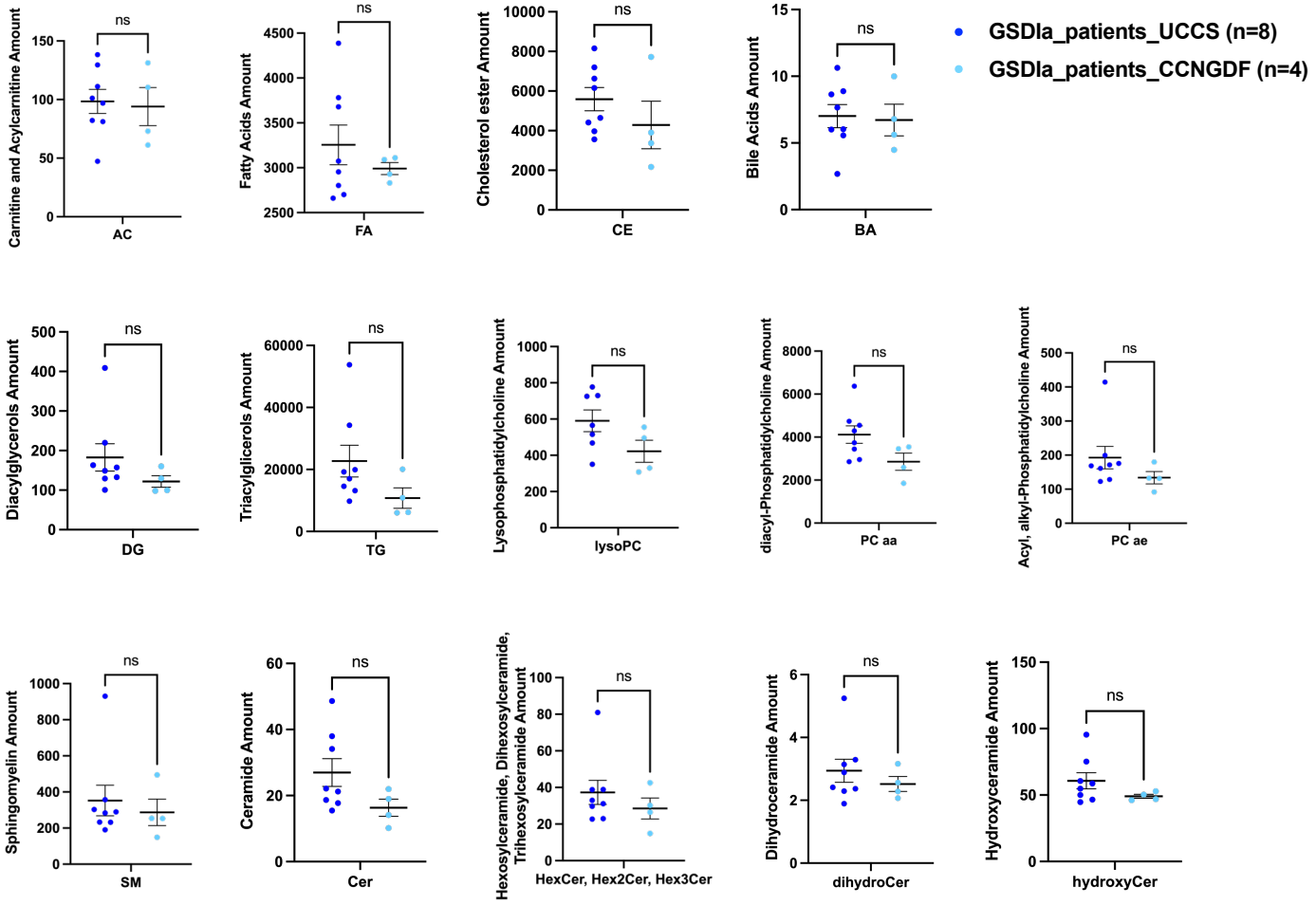
Supplementary Figure S4

L

Ceramides

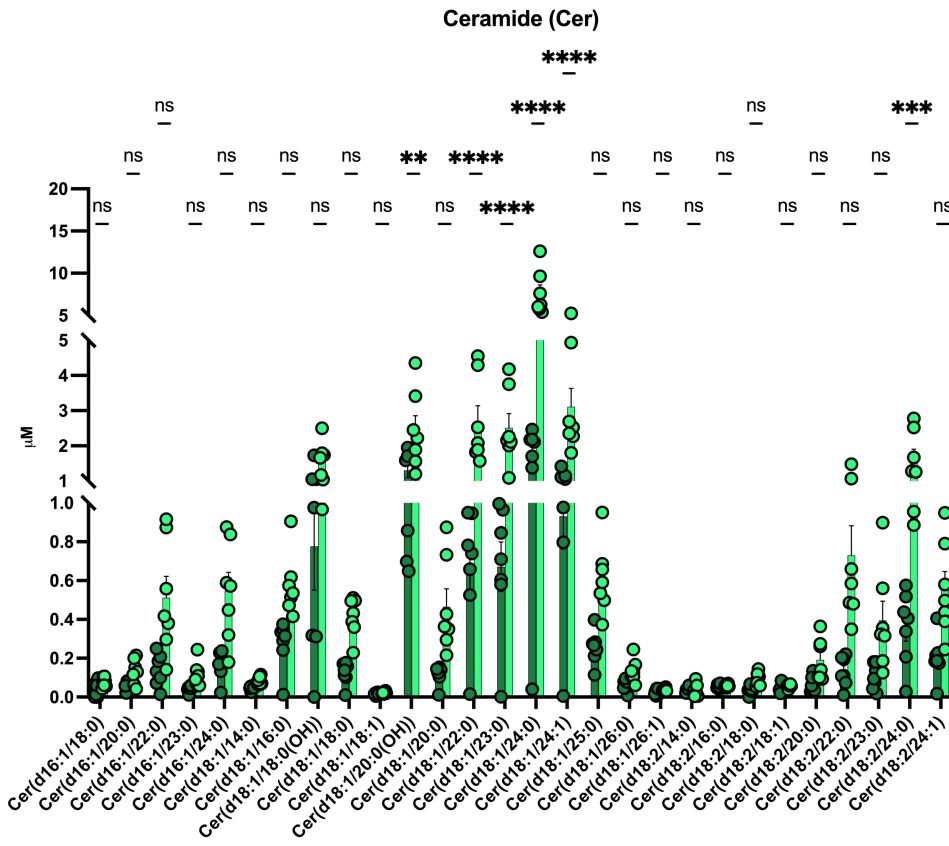


Supplementary Figure S5

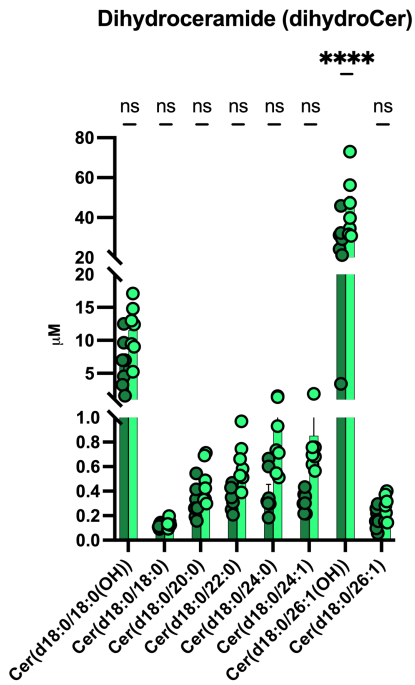


K

- HC_Infant
- GSDIa_Infant



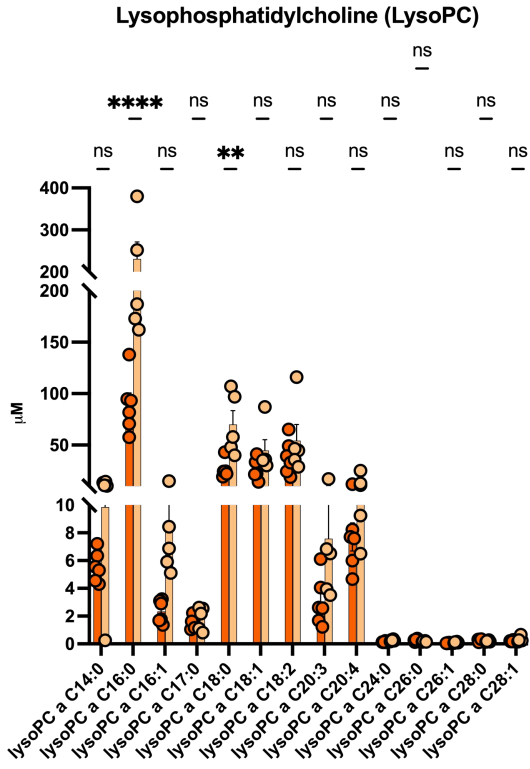
L



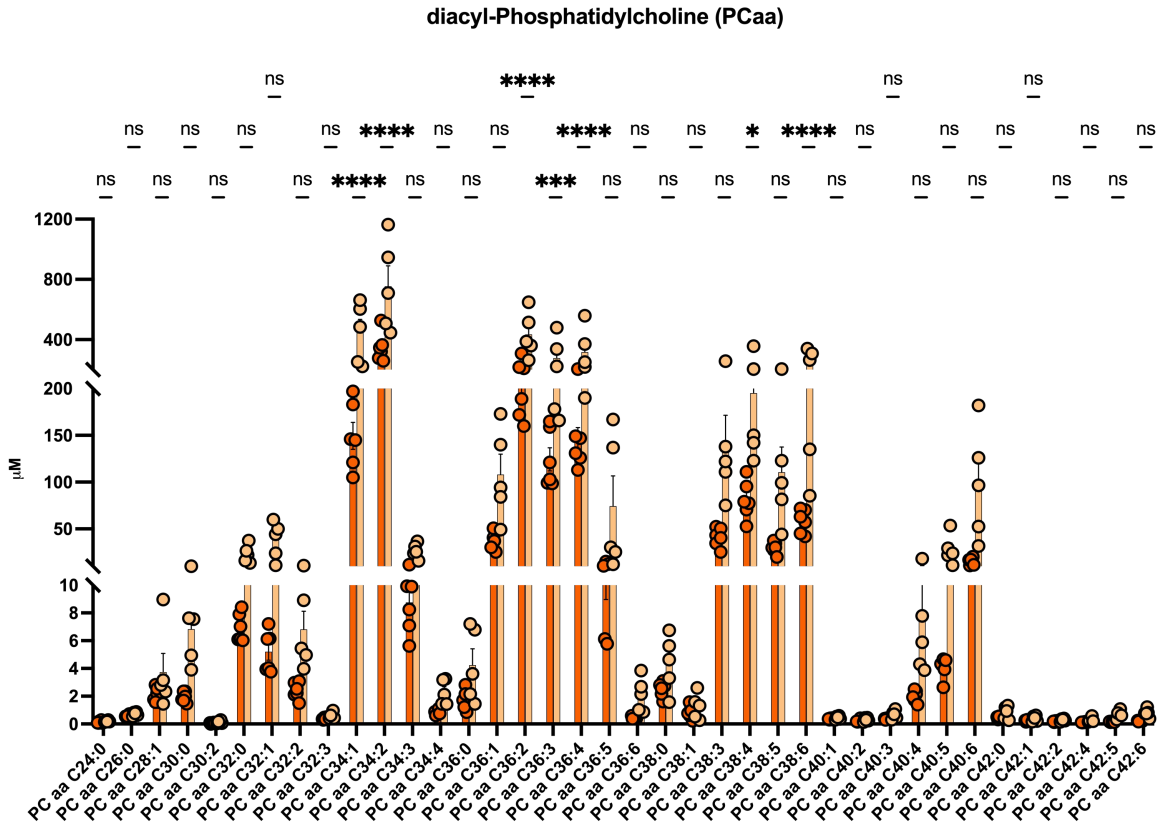
Supplementary Figure S7

G

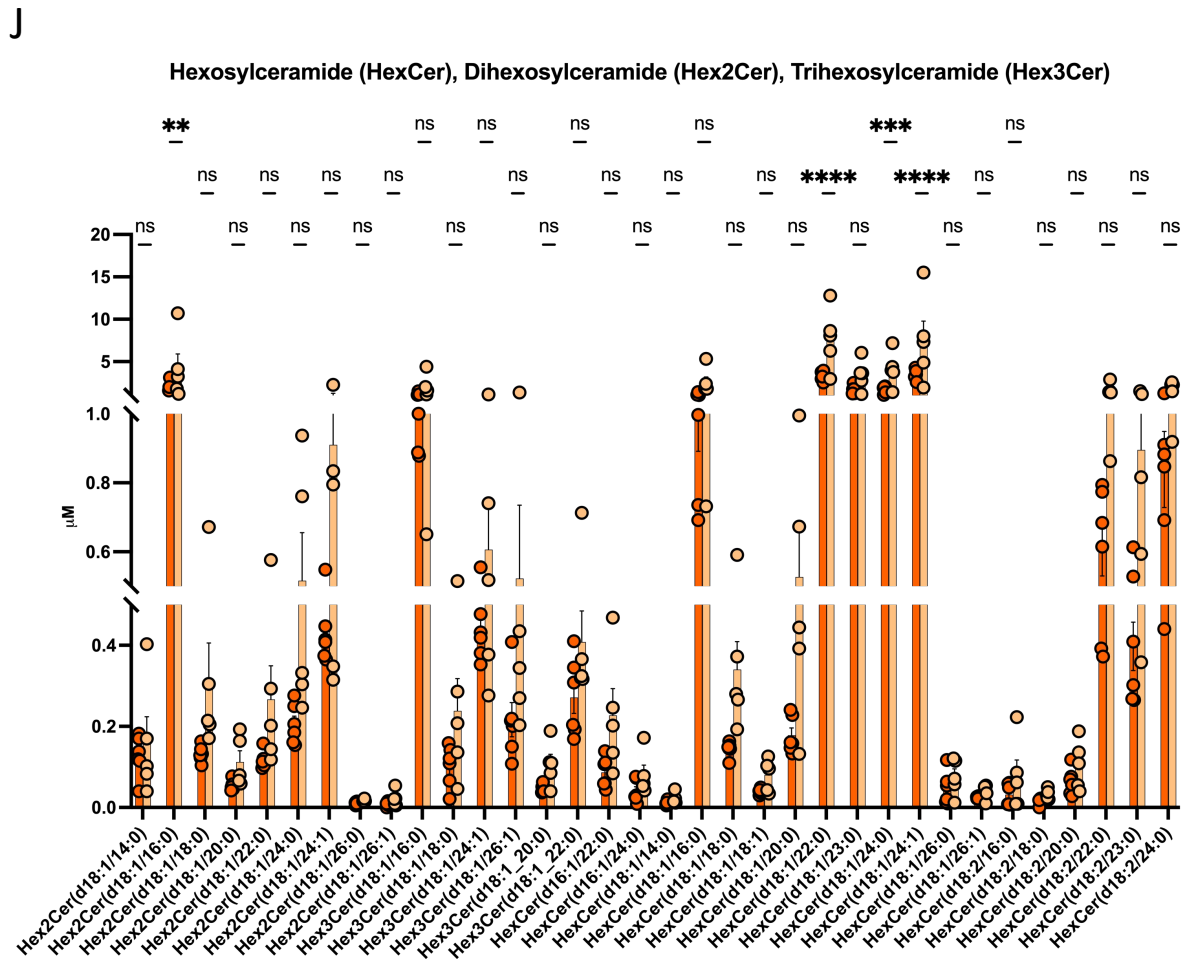
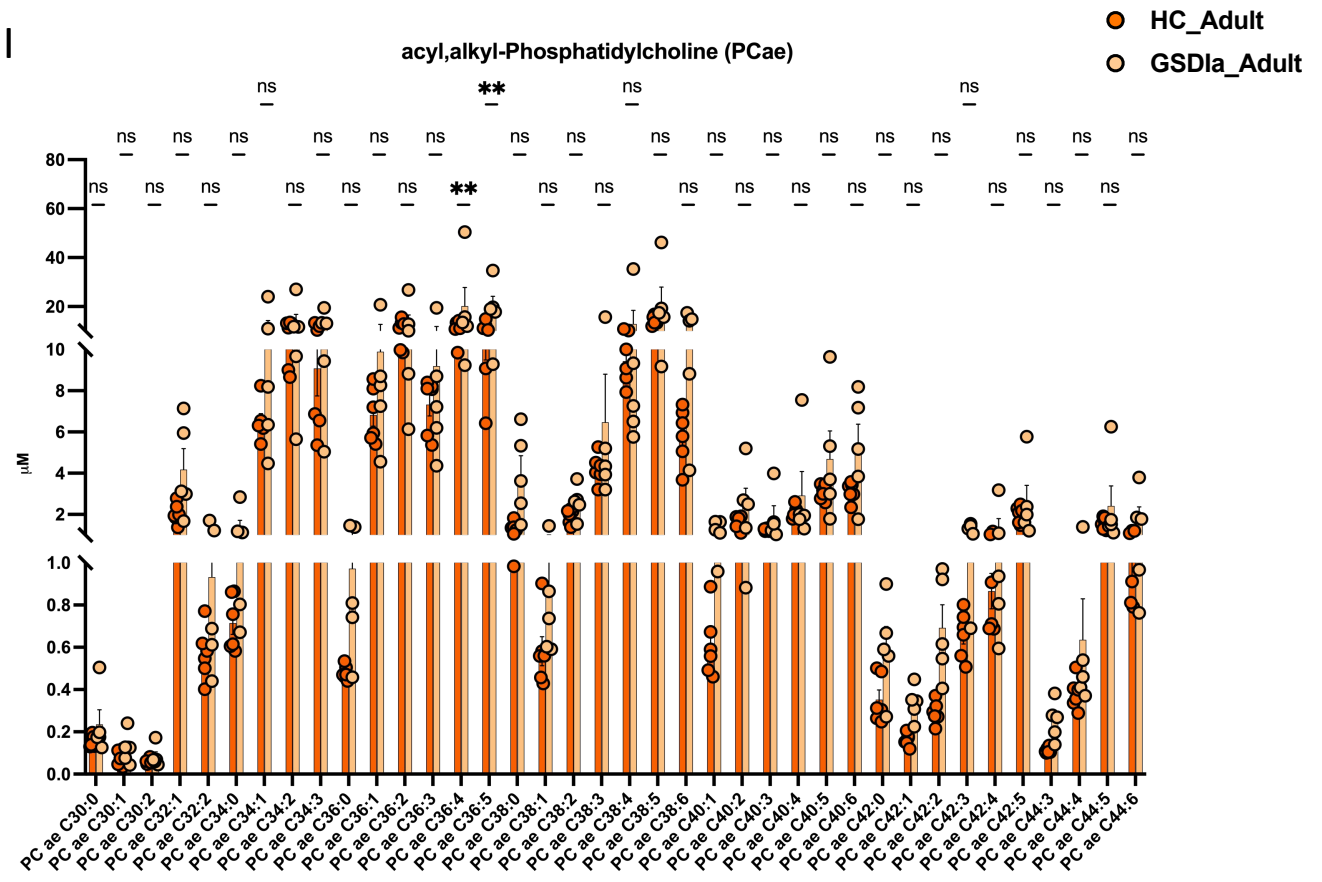
- HC_Adult
- GSDIa_Adult



H



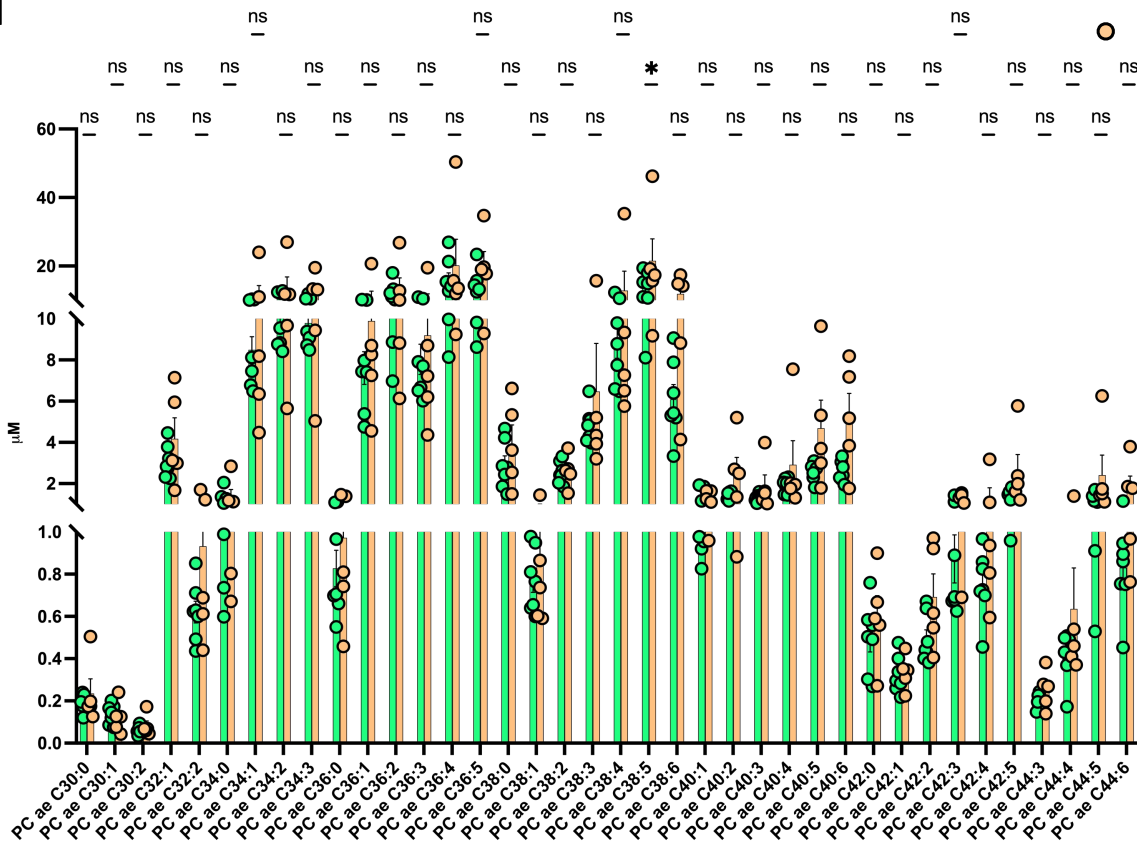
Supplementary Figure S7



Supplementary Figure S8

acyl,alkyl-Phosphatidylcholine (PCae)

● GSDIa_Infant
● GSDIa_Adult



J

Hexosylceramide (HexCer), Dihexosylceramide (Hex2Cer), Trihexosylceramide (Hex3Cer)

