**S3 TABLE. Hepatic fatty acid levels in mice exposed to chronic-binge ethanol administration**

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| --- | --- | --- | --- | --- | --- |
| **Fatty Acid** | **SF** | **SF+EtOH** | **USF** | **USF+EtOH** | **Two-Way ANOVA, *P* values** |
| ***P1*** | ***P2*** | ***P3*** |
| Decanoic acid, C10H20O2 | 7.89+1.81 | 9.14+1.23 | 4.88+0.86 | 5.09+0.75 | 0.6099 | 0.0181 | 0.7145 |
| Dodecanoic acid, C12H24O2 | 7.02+0.93 | 15.63+3.40 a | 5.41+0.70 | 5.41+0.46 b | 0.0280 | 0.0036 | 0.0283 |
| Palmitic acid, C16H32O2 | 112.4+10.0 | 96.66+6.18 | 111.5+8.69 | 121.5+7.98 | 0.7488 | 0.1851 | 0.1547 |
| Stearic acid, C18H36O2 | 130.5+12.05 | 123.1+10.43 | 134.7+12.5 | 129.6+10.89 | 0.5948 | 0.6509 | 0.9233 |
| Oleic acid, C18H34O2 | 110.8+12.19 | 129.1+12.1 | 105.8+15.95 | 118.9+12.11 | 0.2498 | 0.5742 | 0.8450 |
| Linoleic acid, C18H32O2 | 258.1+17.01 | 263.9+19.5 | 288.1+21.12 | 310.8+14.74 | 0.4484 | 0.0471 | 0.6538 |
| Arachidonic acid, C20H32O2 | 22.84+2.43 | 28.69+3.21 | 27.36+1.81 | 25.58+2.05 | 0.4936 | 0.6943 | 0.1991 |
| α-Linolenic acid, C18H30O2 | 1.85+0.91 | 1.92+0.33 | 2.81+1.18 | 3.32+0.35 | 0.7088 | 0.1290 | 0.7730 |
| Eicosapentaenoic acid, C20H30O2 | 4.92+1.58 | 9.46+1.78 | 3.32+0.85 | 4.81+0.52 | 0.0520 | 0.0446 | 0.3143 |
| Docosahexaenoic acid, C22H32O2 | 32.6+6.81 | 63.33+8.59 a | 25.46+3.26 | 41.47+2.88 | 0.0011 | 0.0325 | 0.2634 |

Data are presented as peak area x 10-4, mean+SEM, n=6-10. a SF vs SF+EtOH; b SF+EtOH vs USF+EtOH. Two-way ANOVA was performed to assess the individual contribution of EtOH or diet, and their interaction. *P1*is the *P* value of ethanol factor, *P2* is the *P* value of a diet factor, *P3* is the *P* value of the interaction between diet and ethanol. EtOH, ethanol, SF, saturated fat; USF, unsaturated fat.