|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 1 mg kg-1 | | 10 mg kg-1 | | 100 mg kg-1 | |
|  | Eigenvectors | | Eigenvectors | | Eigenvectors | |
| Variable | PC1 | PC2 | PC1 | PC2 | PC1 | PC2 |
| i14 | 0.197 | -0.041 | **-0.059** | **-0.391** | **0.08** | **-0.389** |
| C14 | 0.129 | -0.036 | 0.116 | -0.108 | -0.207 | -0.099 |
| i15 | **0.377** | **0.219** | **0.228** | **-0.423** | **-0.114** | **-0.35** |
| a15 | **0.392** | **0.036** | **0.097** | **-0.403** | **-0.144** | **-0.299** |
| C15 | 0.063 | 0.016 | 0.032 | -0.058 | -0.047 | -0.052 |
| br15 | -0.01 | 0.021 | 0.006 | 0.006 | -0.027 | -0.054 |
| i16 | 0.053 | 0.183 | 0.034 | -0.1 | 0.069 | -0.114 |
| 16:1w7c | -0.073 | -0.033 | 0 | 0.084 | -0.111 | 0.114 |
| 16:1w5c | -0.133 | 0.007 | 0.003 | 0.116 | 0.148 | 0.136 |
| C16 | **0.083** | **-0.858** | **0.733** | **0.45** | **-0.627** | **0.504** |
| 17:1w7c | -0.078 | 0.223 | -0.181 | -0.046 | 0.177 | -0.022 |
| 10Me16 | -0.054 | 0.097 | -0.08 | 0.024 | 0.055 | 0.015 |
| i17 | -0.022 | 0.045 | -0.013 | 0.025 | 0.041 | -0.02 |
| a17 | 0.018 | 0.043 | 0.018 | -0.015 | 0.019 | -0.037 |
| 17:1w | 0.006 | 0.079 | -0.053 | -0.063 | 0.038 | -0.052 |
| cy17 | -0.138 | 0.008 | -0.023 | 0.127 | 0.062 | 0.128 |
| C17 | 0.023 | 0.002 | 0.011 | -0.027 | -0.015 | -0.028 |
| 10Me17 | -0.015 | 0.032 | 0.001 | 0.011 | -0.015 | -0.001 |
| br17 | 0.001 | 0.023 | -0.008 | -0.014 | -0.003 | -0.015 |
| 18:2w69c | -0.185 | -0.02 | 0.09 | 0.178 | -0.19 | 0.018 |
| 18:1w9c | **-0.299** | **0.127** | **-0.331** | **0.089** | **0.4** | **0.008** |
| 18:1w7c | **-0.548** | **-0.117** | **-0.456** | **0.423** | **0.453** | **0.55** |
| C18 | 0.03 | -0.238 | 0.003 | 0.115 | -0.162 | 0.044 |
| 10Me18 | -0.048 | 0.057 | -0.089 | -0.009 | 0.113 | -0.02 |
| cy19 | -0.08 | 0.125 | -0.077 | 0.009 | 0.008 | 0.026 |

Table S1. Eigenvector loadings used to generate principle component analysis (PCA) of phospholipid fatty acid (PLFA) analysis at each exposure concentration. Influential variables (values > 0.30) are emboldened.