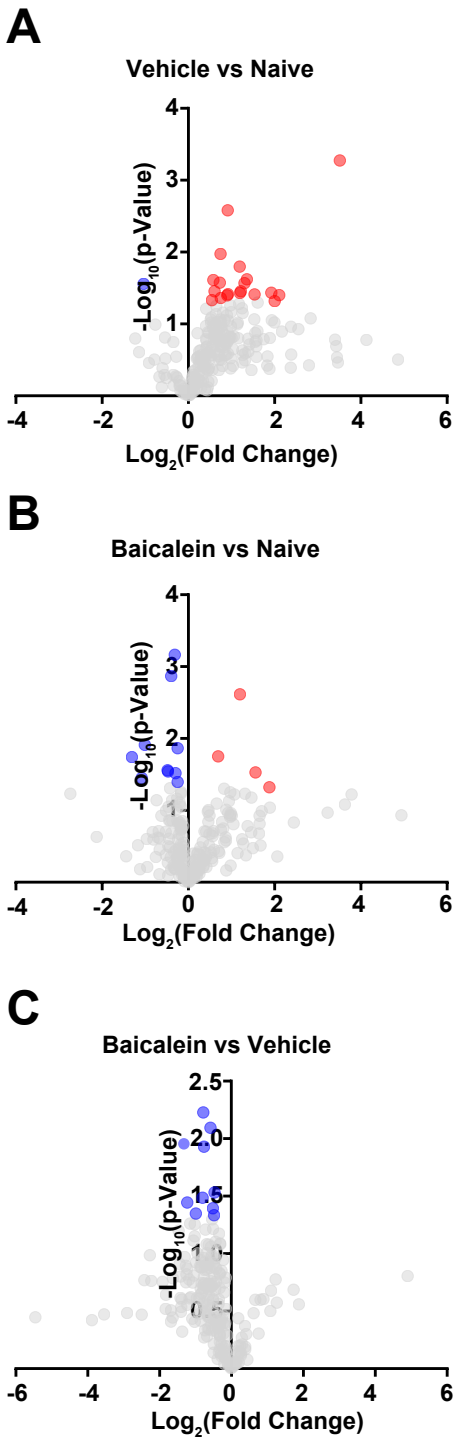


**D**

| Increased | Decreased |
|---|---|
| **Vehicle vs Naive** | |
| PE(36:5)+1O | PE(34:5)+4O |
| PE(36:5)+1O | |
| PE(40:6)+1O | |
| PE(36:2)+1O | |
| PE(38:7)+1O | |
| PEo(34:2)+2O | |
| PE(40:6)+2O | |
| PE(42:10)+2O | |
| PE(42:8)+2O | |
| PE(42:4)+2O | |
| PE(40:5)+3O | |
| PEo(36:2)+3O | |
| PE(40:10)+4O | |
| PE(40:5)+4O | |
| PE(42:10)+4O | |
| PE(44:10)+4O | |
| PE(46:10)+4O | |
| PE(46:11)+4O | |
| **Baicalein vs Naive** | |
| PE(38:7)+1O | PE(38:3)+1O |
| PE(38:4)+4O | PE(40:8)+1O |
| PE(40:6)+4O | PE(38:4)+2O |
| PE(40:10)+4O | PE(40:8)+2O |
| | PE(36:3)+2O |
| | PE(40:2)+2O |
| | PE(42:5)+3O |
| | PE(46:7)+3O |
| | PE(42:2)+4O |
| | PE(42:4)+4O |
| **Baicalein vs Vehicle** | |
| | PE(36:4)+1O |
| | PE(36:6)+1O |
| | PE(44:6)+1O |
| | PEo(34:2)+2O |
| | PE(40:8)+2O |
| | PE(42:10)+2O |
| | PE(38:5)+3O |
| | PE(40:5)+3O |
| | PE(38:5)+4O |
| | PE(40:5)+4O |

**Figure S6. Identity of the significantly changing oxidized phosphatidylethanolamine (PE) species in cortex at 4 h after controlled cortical impact (CCI) with baicalein or vehicle treatment.** Volcano plots demonstrating the significantly increased (red) or decreased (blue) oxidized PE species in the cortex of (**A**) CCI+vehicle vs naive, (**B**) CCI+baicalein vs naive, (**C**) CCI+baicalein vs CCI+vehicle mice at 4 h after injury. (**D**) Table listing the significantly altered oxidized PE species of the corresponding volcano plots (red text highlights previously identified ferroptotic signals). (N=4-5/group, $p<0.05$).