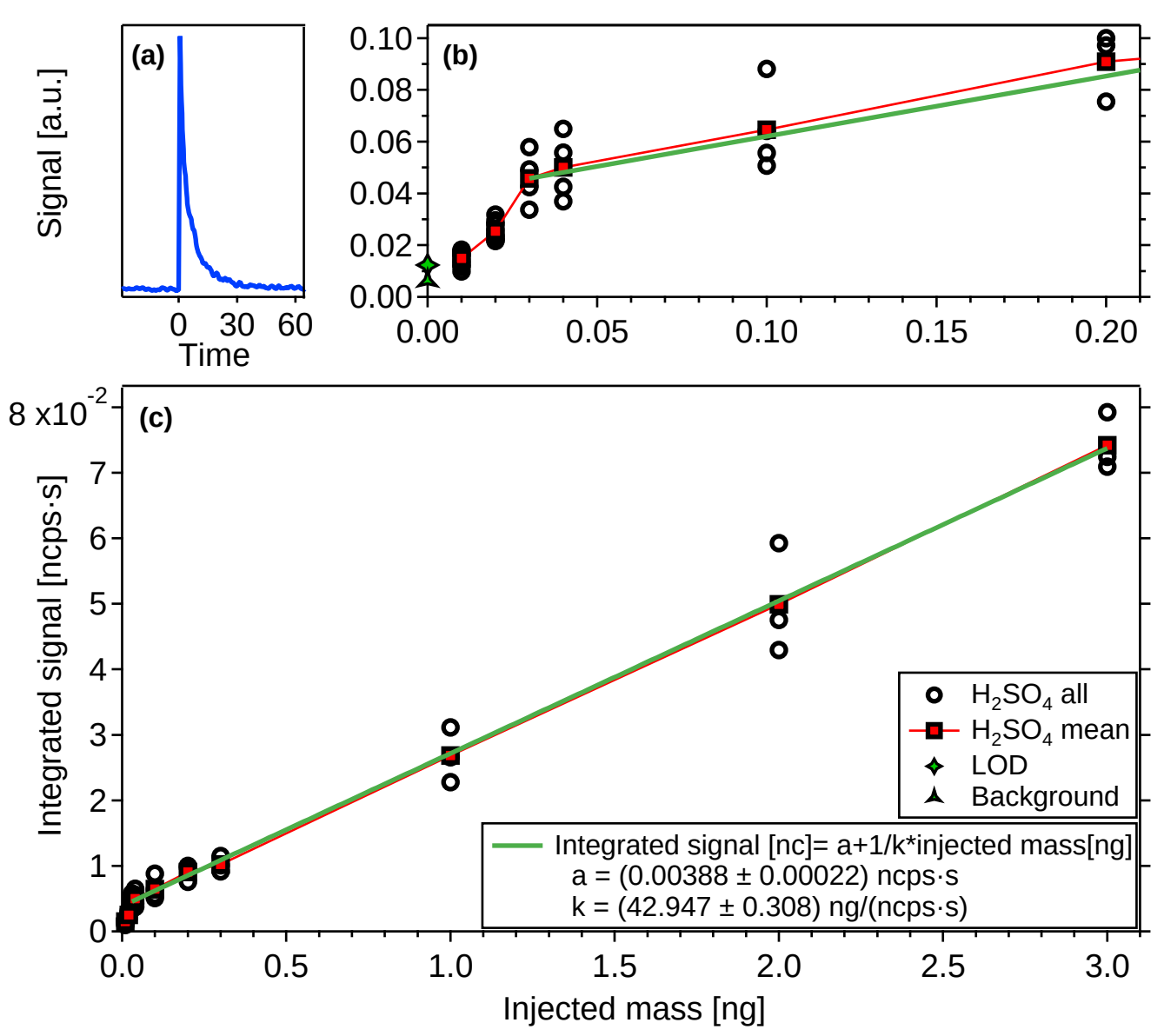
(a)
Signal [a.u.]
0
30
60
Time
(b)
0.10
0.08
0.06
0.04
0.02
0.00
0.00
0.05
0.10
0.15
0.20
(c)
8 x10^-2
7
6
5
4
3
2
1
0
Integrated signal [ncps·s]
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Injected mass [ng]
H2SO4 all
H2SO4 mean
LOD
Background
Integrated signal [nc]= a+1/k*injected mass[ng]
a = (0.00388 ± 0.00022) ncps·s
k = (42.947 ± 0.308) ng/(ncps·s)