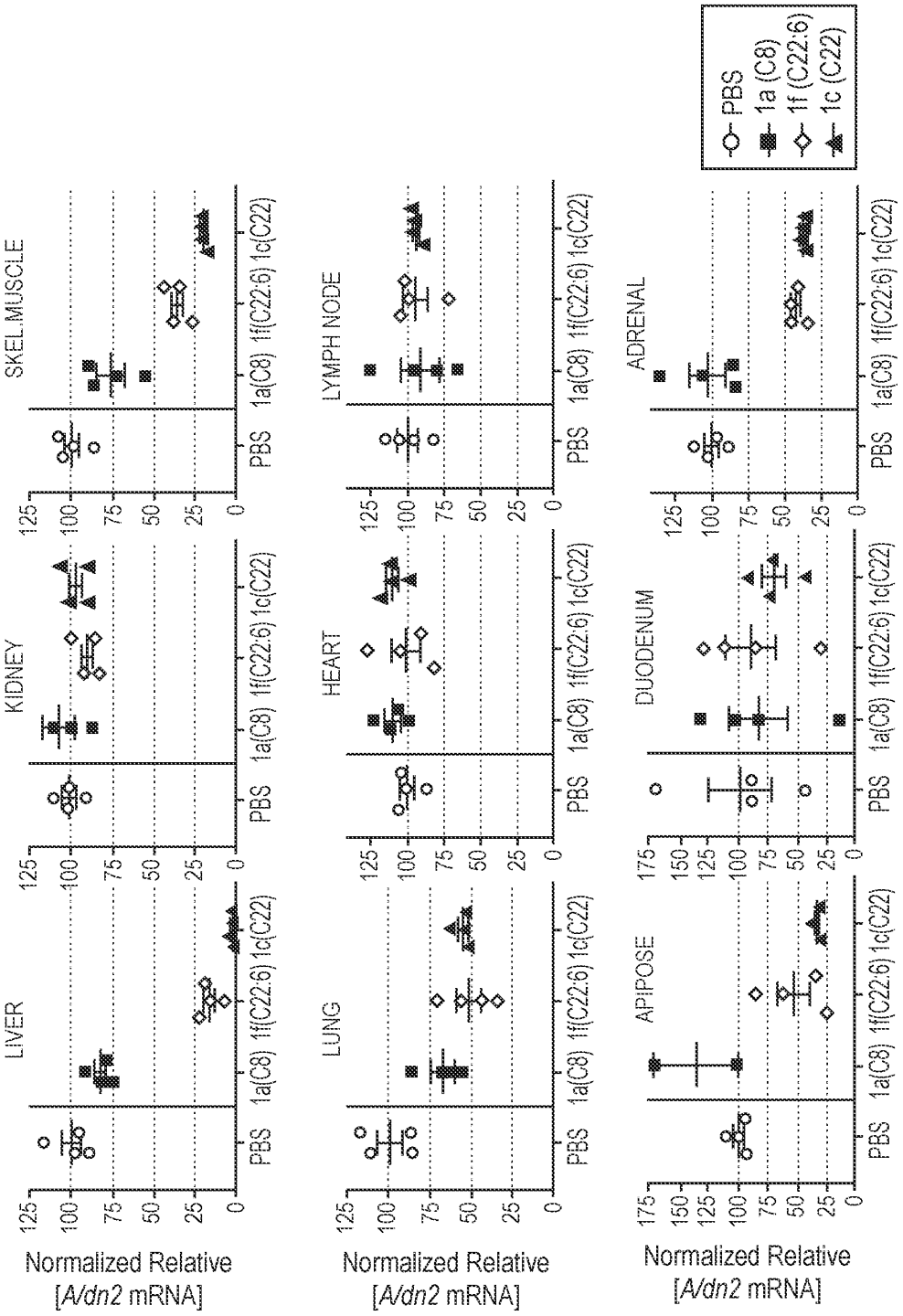
LIVER
KIDNEY
SKEL.MUSCLE
LUNG
HEART
LYMPH NODE
APIPOSE
DUODENUM
ADRENAL
Normalized Relative
[A/dn2 mRNA]
PBS
1a(C8)
1f(C22:6)
1c(C22)
PBS
1a (C8)
1f (C22:6)
1c (C22)

FIG. 1

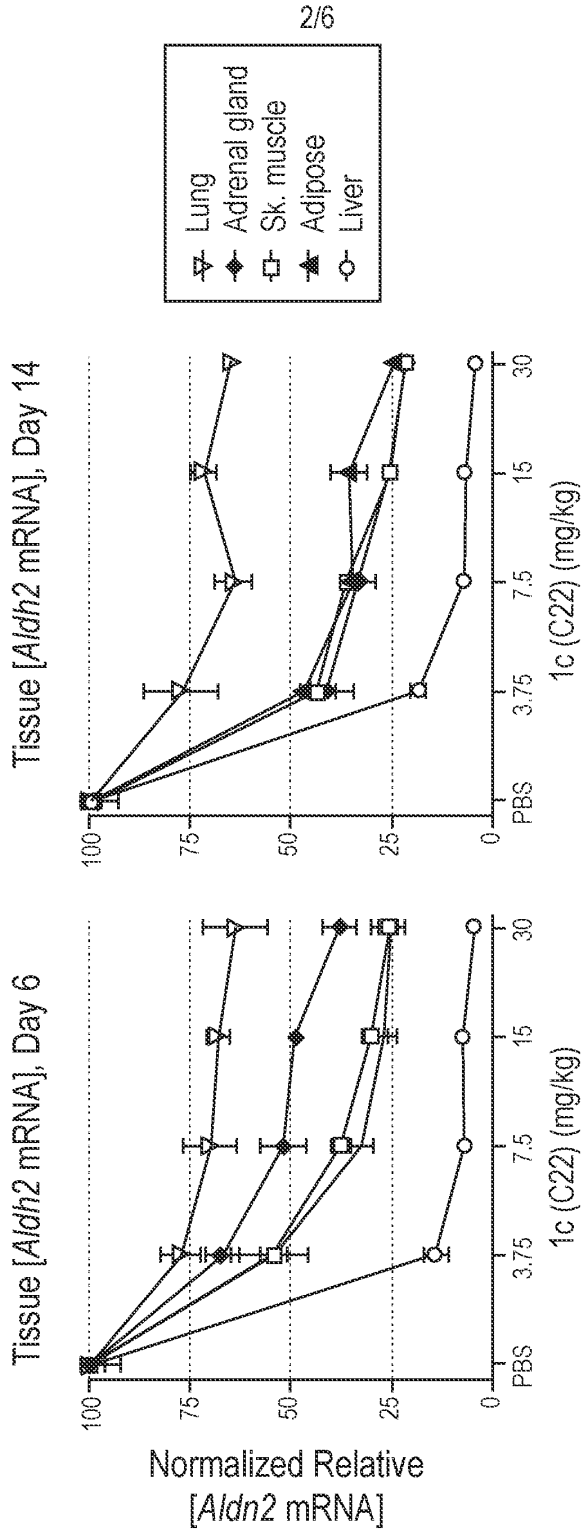
Lung
Adrenal gland
Sk. muscle
Adipose
Liver
Tissue [Aldh2 mRNA], Day 14
Tissue [Aldh2 mRNA], Day 6
Normalized Relative
[Aldn2 mRNA]
100
75
50
25
0
PBS
3.75
7.5
15
30
1c (C22) (mg/kg)

FIG. 2

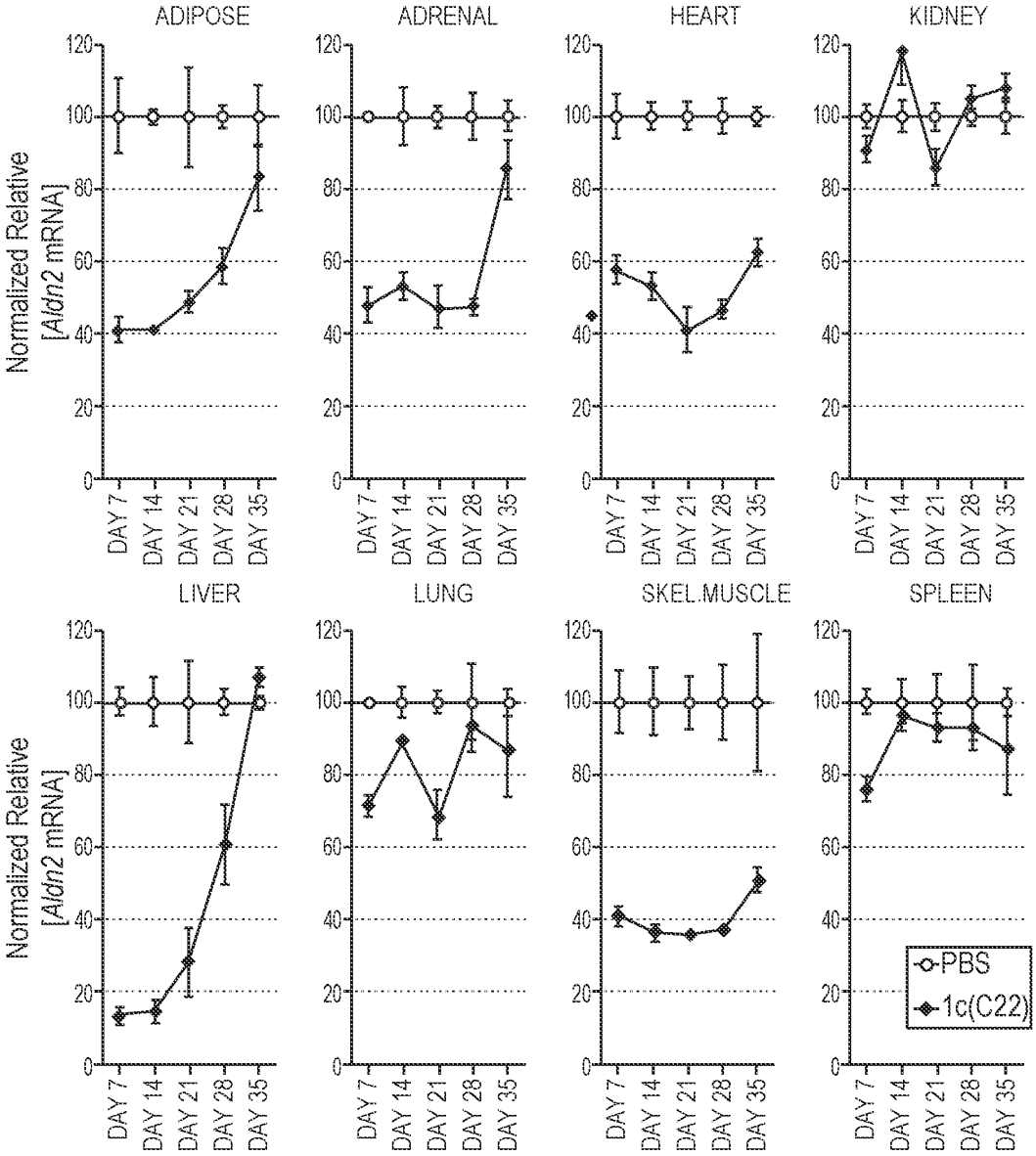
ADIPOSE
ADRENAL
HEART
KIDNEY
LIVER
LUNG
SKEL.MUSCLE
SPLEEN
Normalized Relative [Aldn2 mRNA]
0
20
40
60
80
100
120
DAY 7
DAY 14
DAY 21
DAY 28
DAY 35
PBS
1c(C22)

FIG. 3

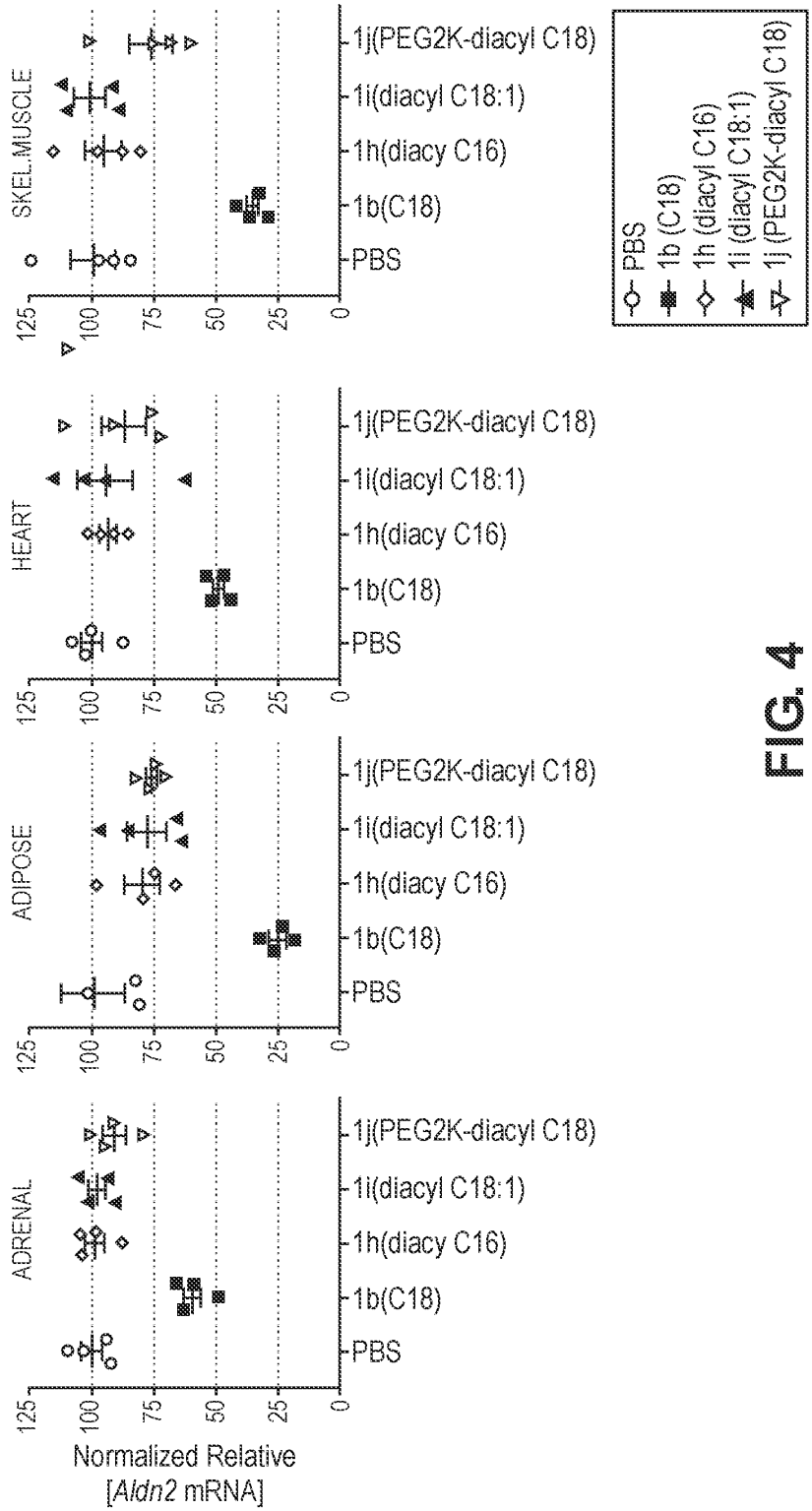
SKEL.MUSCLE
HEART
ADIPOSE
ADRENAL
1j(PEG2K-diacyl C18)
1i(diacyl C18:1)
1h(diacy C16)
1b(C18)
PBS
125
100
75
50
25
0
Normalized Relative
[Aldn2 mRNA]
PBS
1b (C18)
1h (diacyl C16)
1i (diacyl C18:1)
1j (PEG2K-diacyl C18)

FIG. 4

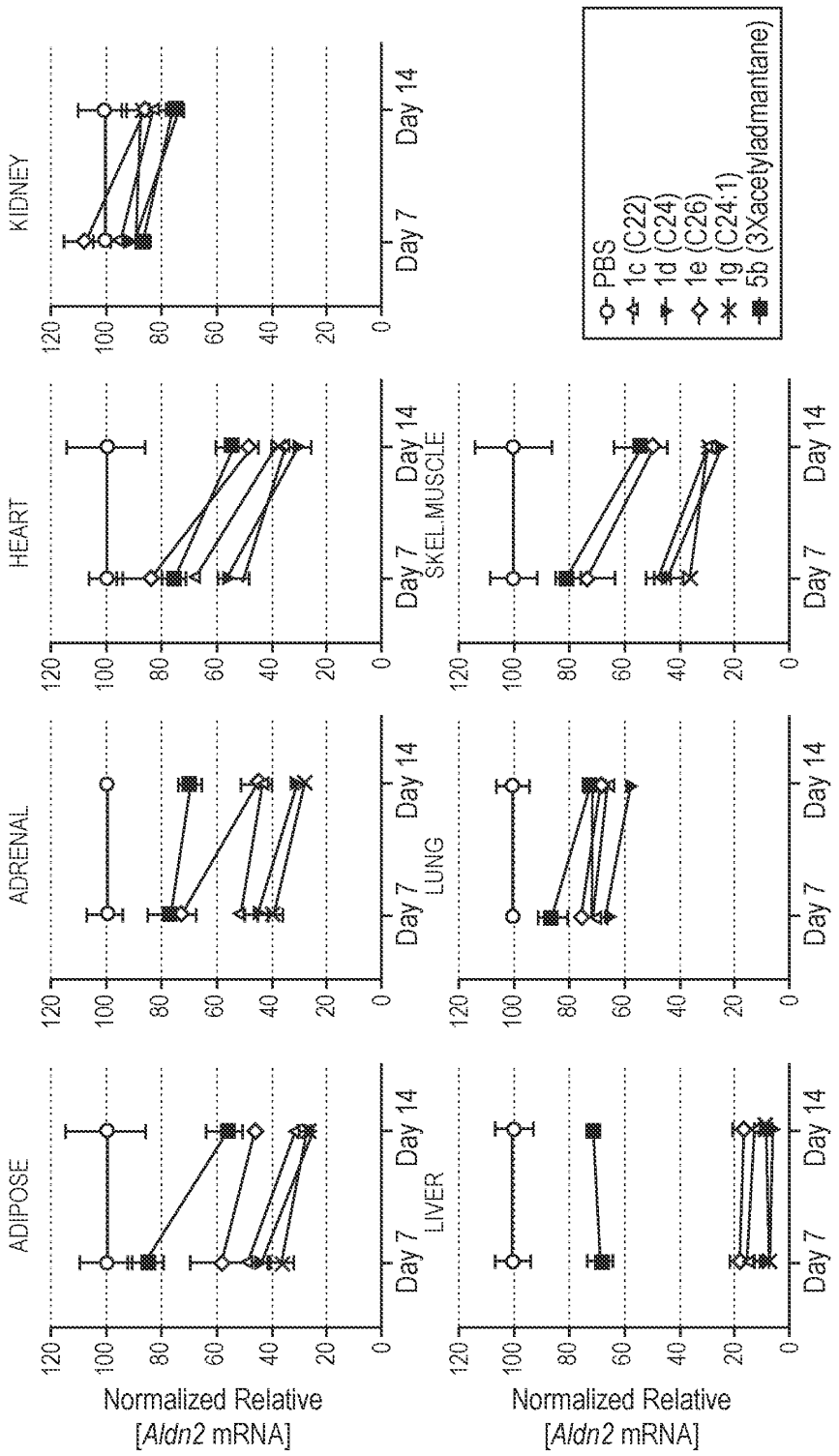
ADIPOSE
ADRENAL
HEART
KIDNEY
LIVER
LUNG
SKEL.MUSCLE
Day 7
Day 14
0
20
40
60
80
100
120
Normalized Relative
[Aldn2 mRNA]
PBS
1c (C22)
1d (C24)
1e (C26)
1g (C24:1)
5b (3Xacetyladmantane)

FIG. 5

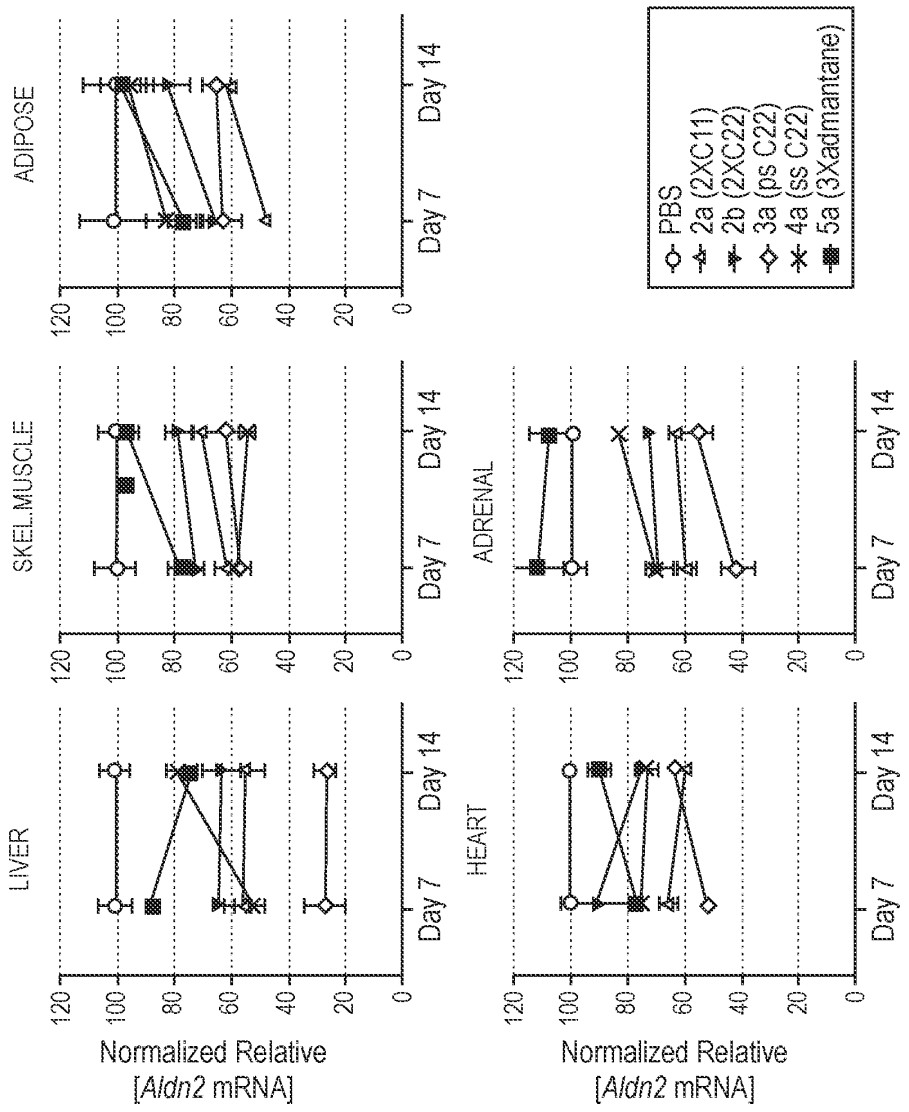
ADIPOSE
SKEL.MUSCLE
ADRENAL
LIVER
HEART
Day 7
Day 14
0
20
40
60
80
100
120
Normalized Relative
[Aldn2 mRNA]
PBS
2a (2XC11)
2b (2XC22)
3a (ps C22)
4a (ss C22)
5a (3Xadmantane)

FIG. 6