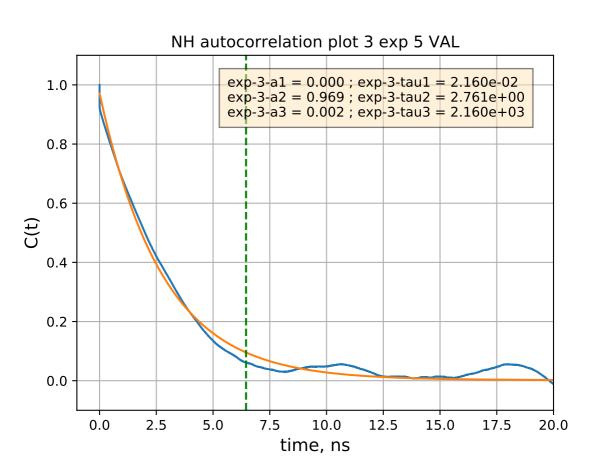
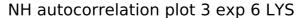
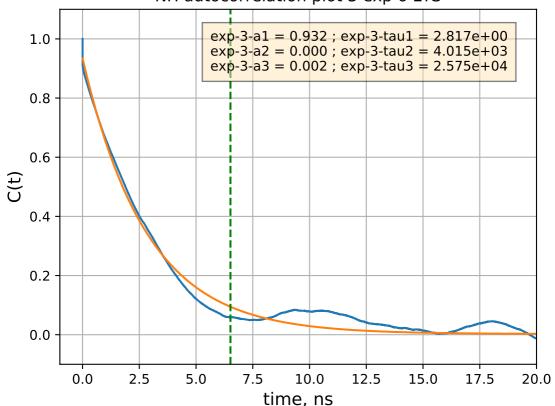


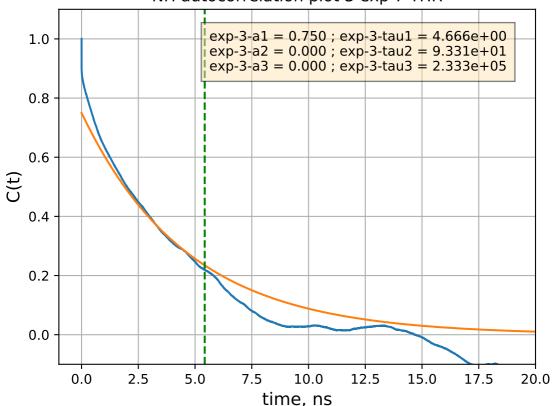
### NH autocorrelation plot 3 exp 4 PHE exp-3-a1 = 0.000; exp-3-tau1 = 3.600e-031.0 exp-3-a2 = 0.939; exp-3-tau2 = 2.404e+00exp-3-a3 = 0.027; exp-3-tau3 = 3.600e+028.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns



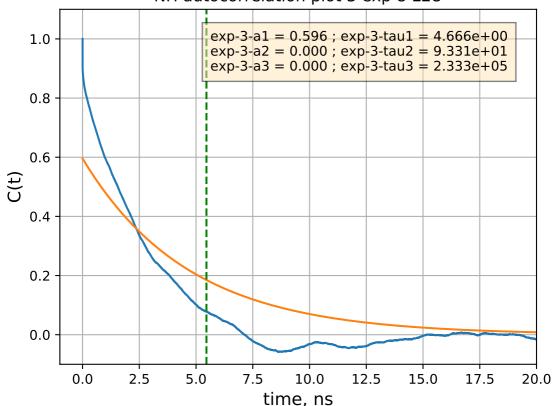




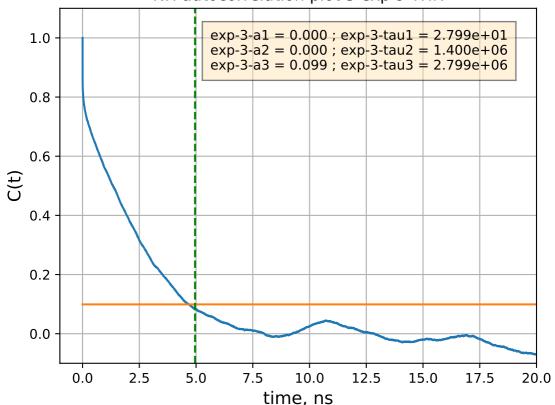
#### NH autocorrelation plot 3 exp 7 THR



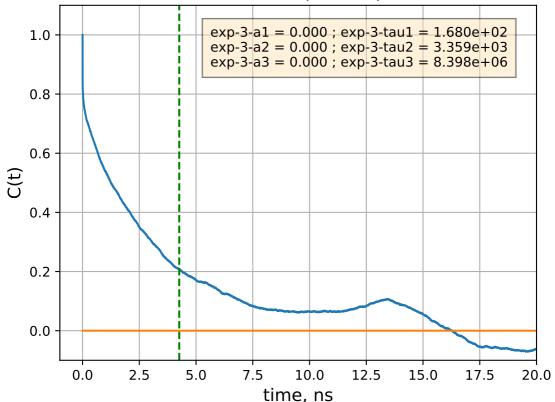
#### NH autocorrelation plot 3 exp 8 LEU



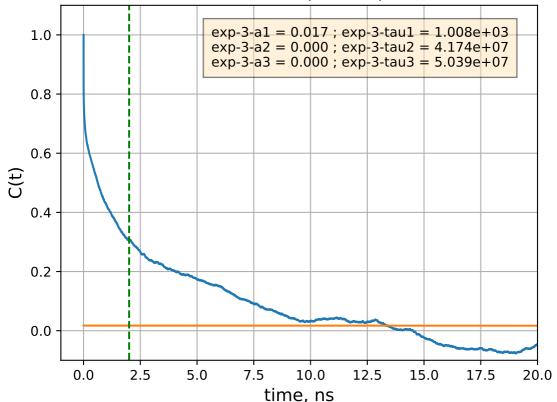
#### NH autocorrelation plot 3 exp 9 THR



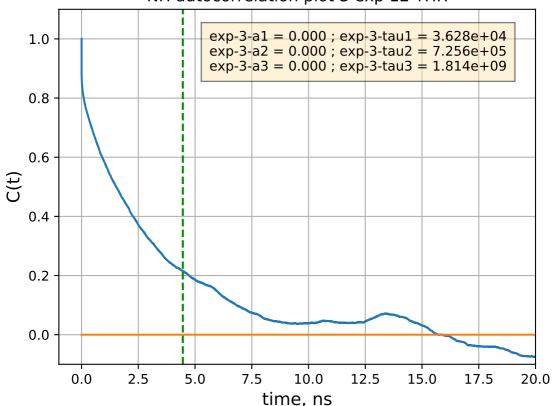
## NH autocorrelation plot 3 exp 10 GLY



# NH autocorrelation plot 3 exp 11 LYS



#### NH autocorrelation plot 3 exp 12 THR



### NH autocorrelation plot 3 exp 13 ILE exp-3-a1 = 0.033; exp-3-tau1 = 3.628e+041.0 exp-3-a2 = 0.000; exp-3-tau2 = 9.582e+08exp-3-a3 = 0.000; exp-3-tau3 = 1.823e+098.0 0.6 0.4 0.2 0.0 10.0 15.0 0.0 2.5 5.0 7.5 12.5 17.5 20.0

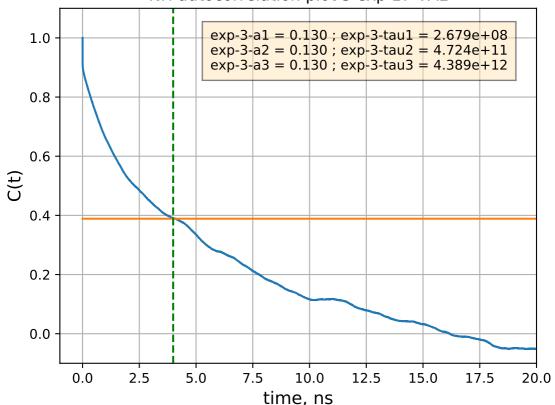
time, ns

### NH autocorrelation plot 3 exp 14 THR exp-3-a1 = 0.018; exp-3-tau1 = 1.851e+061.0 exp-3-a2 = 0.018; exp-3-tau2 = 1.438e+09exp-3-a3 = 0.018; exp-3-tau3 = 6.667e+100.8 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

### NH autocorrelation plot 3 exp 15 LEU exp-3-a1 = 0.127; exp-3-tau1 = 4.441e+071.0 exp-3-a2 = 0.127; exp-3-tau2 = 7.862e+10exp-3-a3 = 0.127; exp-3-tau3 = 7.299e+110.8 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

### NH autocorrelation plot 3 exp 16 GLU exp-3-a1 = 0.132; exp-3-tau1 = 4.535e+071.0 exp-3-a2 = 0.132; exp-3-tau2 = 8.163e+10exp-3-a3 = 0.132; exp-3-tau3 = 7.322e+118.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

#### NH autocorrelation plot 3 exp 17 VAL

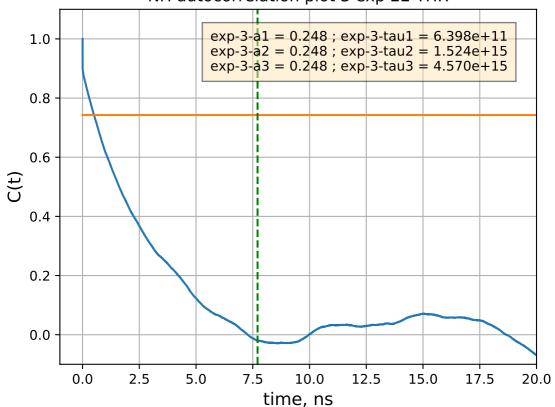


### NH autocorrelation plot 3 exp 18 GLU exp-3-a1 = 0.255; exp-3-tau1 = 1.777e+101.0 exp-3-a2 = 0.255; exp-3-tau2 = 4.233e+13exp-3-a3 = 0.255; exp-3-tau3 = 1.269e+148.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

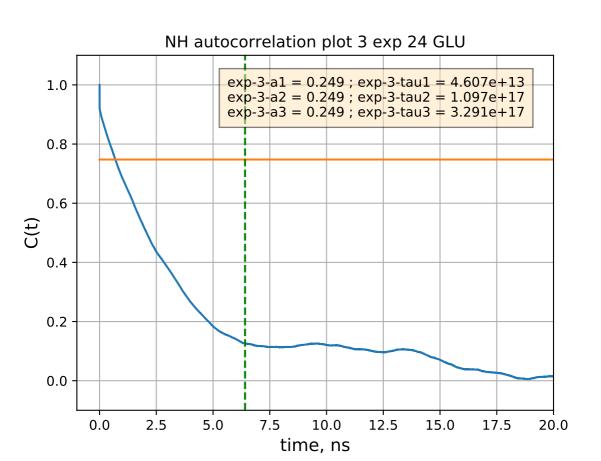
### NH autocorrelation plot 3 exp 20 SER exp-3-a1 = 0.249; exp-3-tau1 = 3.555e+101.0 exp-3-a2 = 0.249; exp-3-tau2 = 8.467e+13exp-3-a3 = 0.249; exp-3-tau3 = 2.539e+148.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

### NH autocorrelation plot 3 exp 21 ASP exp-3-a1 = 0.249; exp-3-tau1 = 1.066e+111.0 exp-3-a2 = 0.249; exp-3-tau2 = 2.540e+14exp-3-a3 = 0.249; exp-3-tau3 = 7.617e+148.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

#### NH autocorrelation plot 3 exp 22 THR

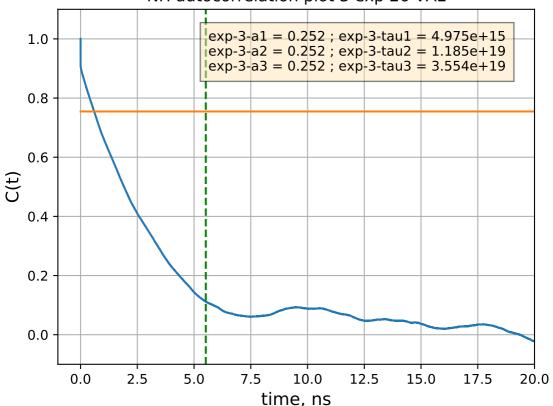


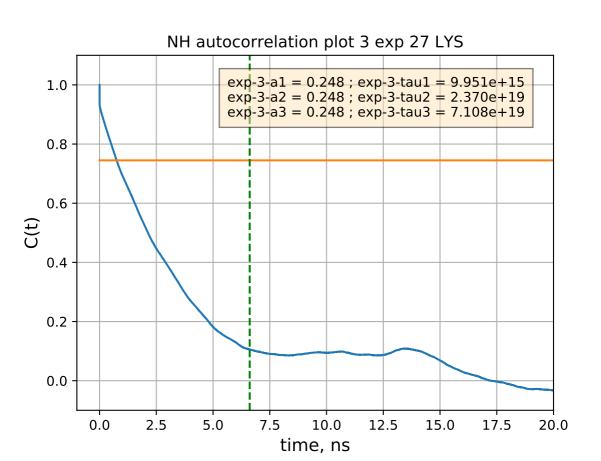
### NH autocorrelation plot 3 exp 23 ILE exp-3-a1 = 0.252; exp-3-tau1 = 2.303e+131.0 exp-3-a2 = 0.252; exp-3-tau2 = 5.486e+16exp-3-a3 = 0.252; exp-3-tau3 = 1.645e+178.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns



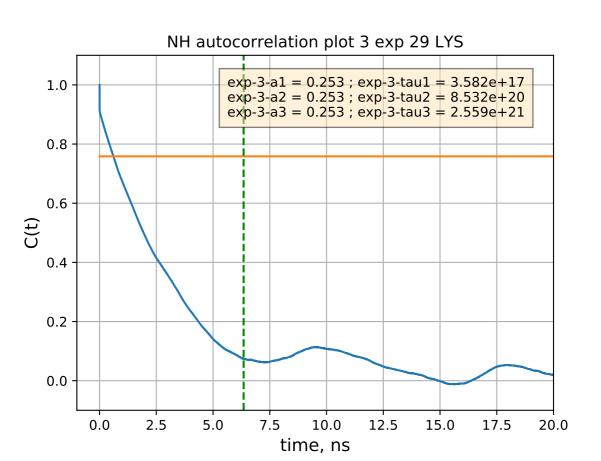
### NH autocorrelation plot 3 exp 25 ASN exp-3-a1 = 0.253; exp-3-tau1 = 8.292e+141.0 exp-3-a2 = 0.253; exp-3-tau2 = 1.975e+18exp-3-a3 = 0.253; exp-3-tau3 = 5.923e+188.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

#### NH autocorrelation plot 3 exp 26 VAL





### NH autocorrelation plot 3 exp 28 ALA exp-3-a1 = 0.251; exp-3-tau1 = 1.791e+171.0 exp-3-a2 = 0.251; exp-3-tau2 = 4.266e+20exp-3-a3 = 0.251; exp-3-tau3 = 1.279e+218.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

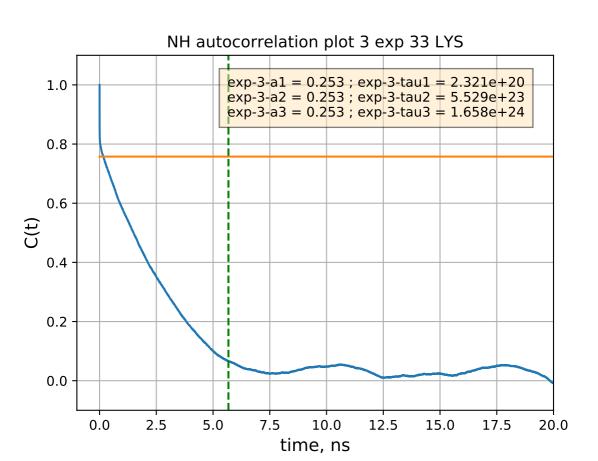


### NH autocorrelation plot 3 exp 30 ILE exp-3-a1 = 0.249; exp-3-tau1 = 1.075e+181.0 exp-3-a2 = 0.249; exp-3-tau2 = 2.560e+21exp-3-a3 = 0.249; exp-3-tau3 = 7.676e+218.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

### NH autocorrelation plot 3 exp 31 GLN exp-3-a1 = 0.249; exp-3-tau1 = 6.448e+181.0 exp-3-a2 = 0.249; exp-3-tau2 = 1.536e+22exp-3-a3 = 0.249; exp-3-tau3 = 4.606e+220.8 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

### NH autocorrelation plot 3 exp 32 ASP exp-3-a1 = 0.252; exp-3-tau1 = 3.869e+191.0 exp-3-a2 = 0.252; exp-3-tau2 = 9.215e+22exp-3-a3 = 0.252; exp-3-tau3 = 2.763e+238.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0

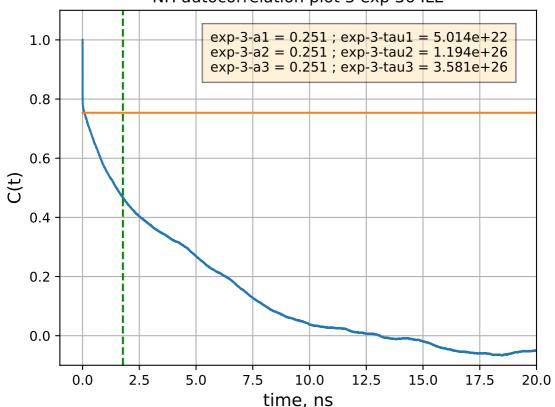
time, ns



### NH autocorrelation plot 3 exp 34 GLU exp-3-a1 = 0.249 ; exp-3-tau1 = 1.393e+211.0 exp-3-a2 = 0.249; exp-3-tau2 = 3.317e+24exp-3-a3 = 0.249; exp-3-tau3 = 9.948e+248.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

### NH autocorrelation plot 3 exp 35 GLY exp-3-a1 = 0.250; exp-3-tau1 = 8.357e+211.0 exp-3-a2 = 0.250; exp-3-tau2 = 1.990e+25exp-3-a3 = 0.250; exp-3-tau3 = 5.969e+258.0 0.6 0.4 0.2 0.0 10.0 15.0 0.0 2.5 5.0 7.5 12.5 17.5 20.0 time, ns

#### NH autocorrelation plot 3 exp 36 ILE



### NH autocorrelation plot 3 exp 39 ASP exp-3-a1 = 0.248; exp-3-tau1 = 3.008e+231.0 exp-3-a2 = 0.248; exp-3-tau2 = 7.166e+26exp-3-a3 = 0.248; exp-3-tau3 = 2.149e+278.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

### NH autocorrelation plot 3 exp 40 GLN exp-3-a1 = 0.248; exp-3-tau1 = 1.805e+241.0 exp-3-a2 = 0.248; exp-3-tau2 = 4.299e+27exp-3-a3 = 0.248; exp-3-tau3 = 1.289e+288.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

# NH autocorrelation plot 3 exp 41 GLN exp-3-a1 = 0.257; exp-3-tau1 = 1.083e+251.0 exp-3-a2 = 0.257; exp-3-tau2 = 2.580e+28exp-3-a3 = 0.257; exp-3-tau3 = 7.736e+288.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

# NH autocorrelation plot 3 exp 42 ARG exp-3-a1 = 0.252; exp-3-tau1 = 6.498e+251.0 exp-3-a2 = 0.252; exp-3-tau2 = 1.548e+29exp-3-a3 = 0.252; exp-3-tau3 = 4.641e+298.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

# NH autocorrelation plot 3 exp 43 LEU exp-3-a1 = 0.250; exp-3-tau1 = 3.899e+261.0 exp-3-a2 = 0.250; exp-3-tau2 = 9.287e+29exp-3-a3 = 0.250; exp-3-tau3 = 2.785e+300.8 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0

time, ns

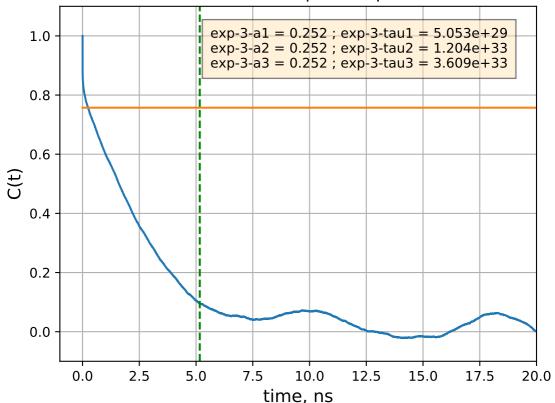
# NH autocorrelation plot 3 exp 44 ILE exp-3-a1 = 0.250; exp-3-tau1 = 2.339e+271.0 exp-3-a2 = 0.250; exp-3-tau2 = 5.572e+30exp-3-a3 = 0.250; exp-3-tau3 = 1.671e+318.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

# NH autocorrelation plot 3 exp 45 PHE exp-3-a1 = 0.253; exp-3-tau1 = 1.404e+281.0 exp-3-a2 = 0.253; exp-3-tau2 = 3.343e+31exp-3-a3 = 0.253; exp-3-tau3 = 1.003e+328.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0

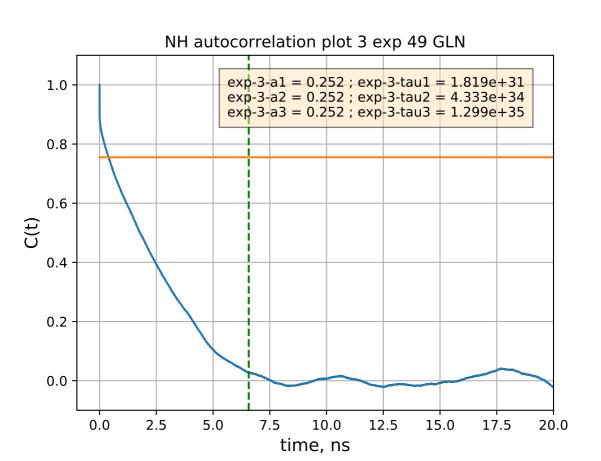
time, ns

# NH autocorrelation plot 3 exp 46 ALA exp-3-a1 = 0.251; exp-3-tau1 = 8.422e+281.0 exp-3-a2 = 0.251; exp-3-tau2 = 2.006e+32exp-3-a3 = 0.251; exp-3-tau3 = 6.015e+328.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

# NH autocorrelation plot 3 exp 47 GLY

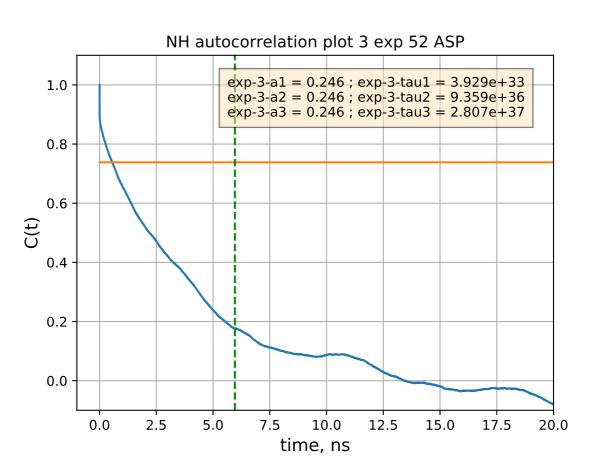


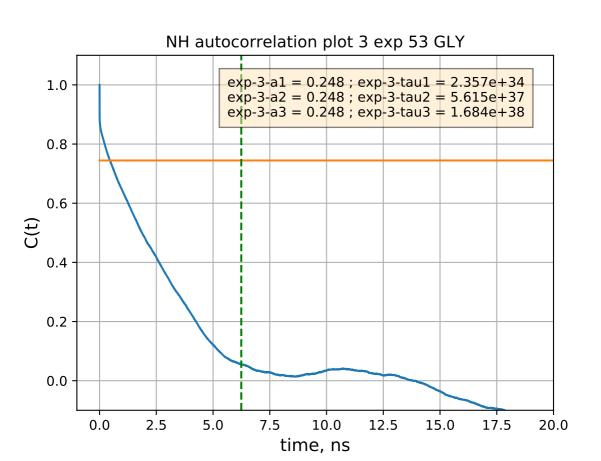
# NH autocorrelation plot 3 exp 48 LYS exp-3-a1 = 0.250; exp-3-tau1 = 3.032e+301.0 exp-3-a2 = 0.250; exp-3-tau2 = 7.221e+33exp-3-a3 = 0.250; exp-3-tau3 = 2.166e+348.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns



# NH autocorrelation plot 3 exp 50 LEU exp-3-a1 = 0.250; exp-3-tau1 = 1.091e+321.0 exp-3-a2 = 0.250; exp-3-tau2 = 2.600e+35exp-3-a3 = 0.250; exp-3-tau3 = 7.796e+358.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

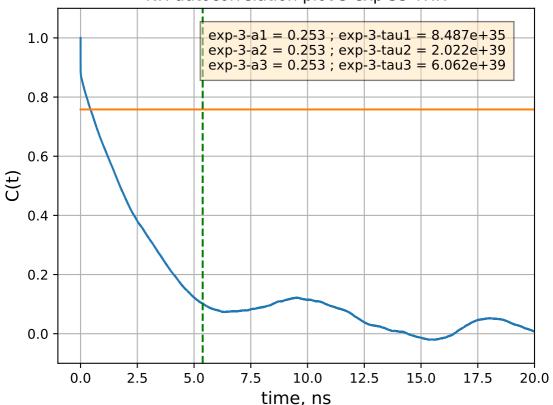
# NH autocorrelation plot 3 exp 51 GLU exp-3-a1 = 0.252; exp-3-tau1 = 6.549e+321.0 exp-3-a2 = 0.252; exp-3-tau2 = 1.560e+36exp-3-a3 = 0.252; exp-3-tau3 = 4.678e+368.0 0.6 0.4 0.2 0.0 10.0 15.0 0.0 2.5 5.0 7.5 12.5 17.5 20.0 time, ns





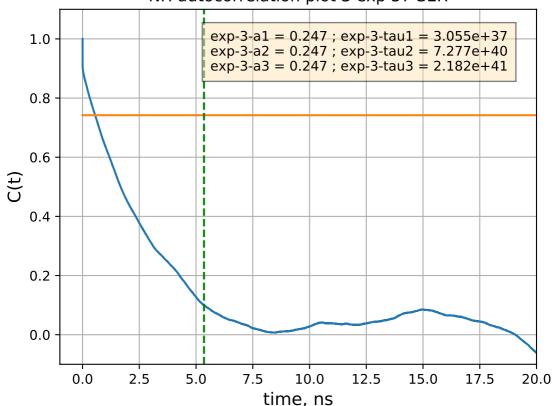
# NH autocorrelation plot 3 exp 54 ARG exp-3-a1 = 0.256; exp-3-tau1 = 1.414e+351.0 exp-3-a2 = 0.256; exp-3-tau2 = 3.369e+38exp-3-a3 = 0.256; exp-3-tau3 = 1.010e+398.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

# NH autocorrelation plot 3 exp 55 THR



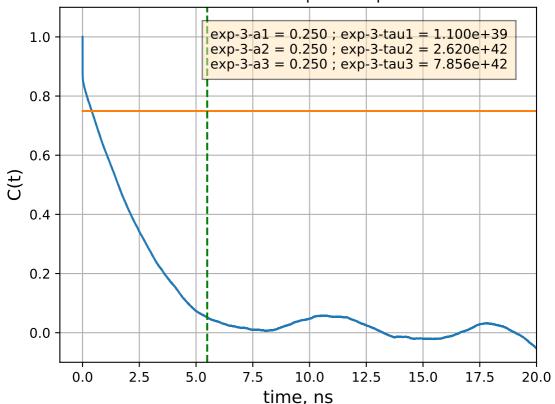
# NH autocorrelation plot 3 exp 56 LEU exp-3-a1 = 0.247; exp-3-tau1 = 5.092e+361.0 exp-3-a2 = 0.247; exp-3-tau2 = 1.213e+40exp-3-a3 = 0.247; exp-3-tau3 = 3.637e+408.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

#### NH autocorrelation plot 3 exp 57 SER



# NH autocorrelation plot 3 exp 58 ASP exp-3-a1 = 0.252; exp-3-tau1 = 1.833e+381.0 exp-3-a2 = 0.252; exp-3-tau2 = 4.366e+41exp-3-a3 = 0.252; exp-3-tau3 = 1.309e+420.8 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

# NH autocorrelation plot 3 exp 59 TYR



# NH autocorrelation plot 3 exp 60 ASN exp-3-a1 = 0.256; exp-3-tau1 = 6.599e+391.0 exp-3-a2 = 0.256; exp-3-tau2 = 1.572e+43exp-3-a3 = 0.256; exp-3-tau3 = 4.714e+438.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

# NH autocorrelation plot 3 exp 61 ILE exp-3-a1 = 0.248; exp-3-tau1 = 3.960e+401.0 exp-3-a2 = 0.248; exp-3-tau2 = 9.432e+43exp-3-a3 = 0.248; exp-3-tau3 = 2.828e+448.0 0.6 0.4 0.2 0.0

10.0

time, ns

12.5

15.0

17.5

20.0

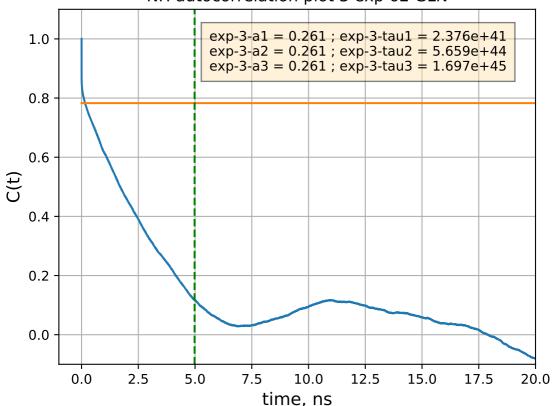
0.0

2.5

5.0

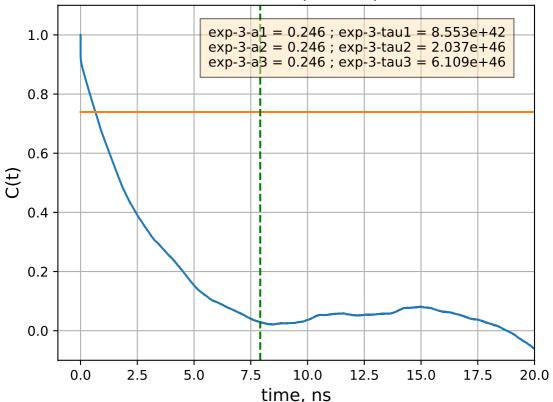
7.5

#### NH autocorrelation plot 3 exp 62 GLN



# NH autocorrelation plot 3 exp 63 LYS exp-3-a1 = 0.251; exp-3-tau1 = 1.425e+421.0 exp-3-a2 = 0.251; exp-3-tau2 = 3.395e+45exp-3-a3 = 0.251; exp-3-tau3 = 1.018e+468.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

# NH autocorrelation plot 3 exp 64 GLU



# NH autocorrelation plot 3 exp 65 SER exp-3-a1 = 0.261; exp-3-tau1 = 5.132e+431.0 exp-3-a2 = 0.261; exp-3-tau2 = 1.222e+47exp-3-a3 = 0.261; exp-3-tau3 = 3.666e+478.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

# NH autocorrelation plot 3 exp 66 THR exp-3-a1 = 0.249; exp-3-tau1 = 3.079e+441.0 exp-3-a2 = 0.249; exp-3-tau2 = 7.334e+47exp-3-a3 = 0.249; exp-3-tau3 = 2.199e+480.8 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

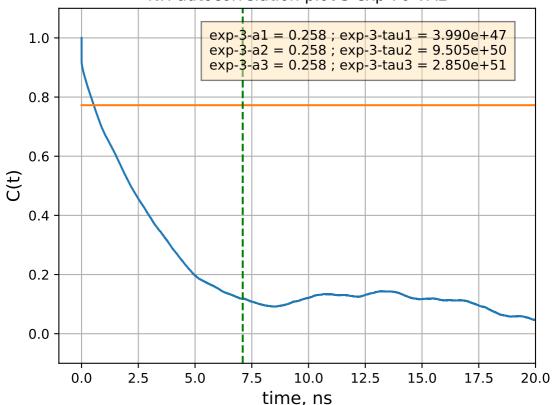
# NH autocorrelation plot 3 exp 67 LEU exp-3-a1 = 0.249; exp-3-tau1 = 1.847e+451.0 exp-3-a2 = 0.249; exp-3-tau2 = 4.400e+48exp-3-a3 = 0.249; exp-3-tau3 = 1.320e+498.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

# NH autocorrelation plot 3 exp 68 HIE exp-3-a1 = 0.248; exp-3-tau1 = 1.108e+461.0 exp+3-a2 = 0.248; exp-3-tau2 = 2.640e+49exp-3-a3 = 0.248; exp-3-tau3 = 7.918e+498.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0

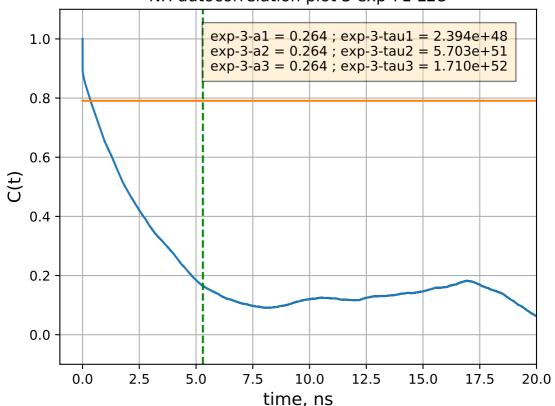
time, ns

# NH autocorrelation plot 3 exp 69 LEU exp-3-a1 = 0.249; exp-3-tau1 = 6.651e+461.0 exp-3-a2 = 0.249; exp-3-tau2 = 1.584e+50exp-3-a3 = 0.249; exp-3-tau3 = 4.751e+508.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

#### NH autocorrelation plot 3 exp 70 VAL

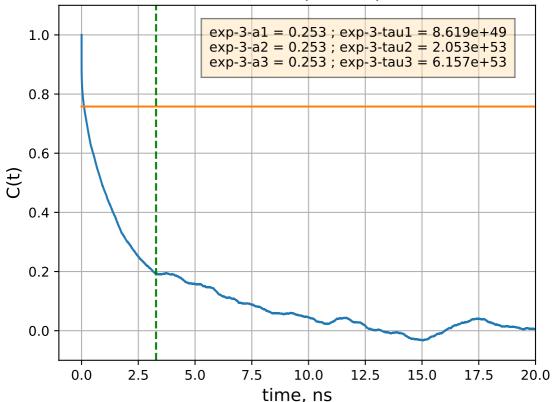


#### NH autocorrelation plot 3 exp 71 LEU

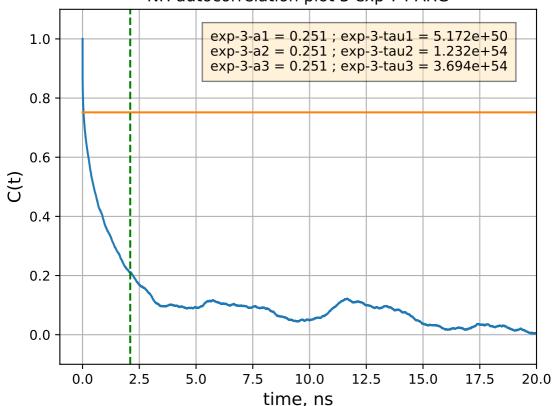


# NH autocorrelation plot 3 exp 72 ARG exp-3-a1 = 0.247; exp-3-tau1 = 1.437e+491.0 exp-3-a2 = 0.247; exp-3-tau2 = 3.422e+52exp-3-a3 = 0.247; exp-3-tau3 = 1.026e+538.0 0.6 0.4 0.2 0.0 10.0 0.0 2.5 5.0 7.5 12.5 15.0 17.5 20.0 time, ns

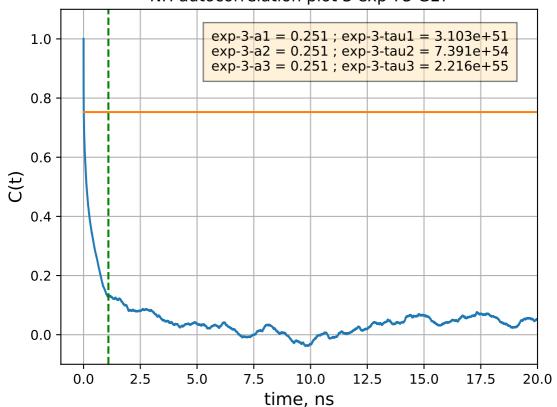
# NH autocorrelation plot 3 exp 73 LEU



#### NH autocorrelation plot 3 exp 74 ARG



#### NH autocorrelation plot 3 exp 75 GLY



#### NH autocorrelation plot 3 exp 76 GLY

