n1:ev(lhs(p4),h=0); n=4 ,H(4)A => c,k1,k2,k3,k4,kw

n2:coeff(lhs(p4),h);

n3:coeff(lhs(p4),h^2);

n4:coeff(lhs(p4),h^3);

n5:coeff(lhs(p4),h^4);

n6:coeff(lhs(p4),h^5);

n7:coeff(lhs(p4),h^6);

(n1) -k1\*k2\*k3\*k4\*kw

(n2) -k1\*k2\*k3\*kw-4\*c\*k1\*k2\*k3\*k4

(n3) -k1\*k2\*kw+k1\*k2\*k3\*k4-3\*c\*k1\*k2\*k3

(n4) -k1\*kw+k1\*k2\*k3-2\*c\*k1\*k2

(n5) -kw+k1\*k2-c\*k1

(n6) k1

(n7) 1

nn1:ev(lhs(p7),h=0); n=3 ,H(3)A => c,k1,k2,k3,kw

nn2:coeff(lhs(p7),h);

nn3:coeff(lhs(p7),h^2);

nn4:coeff(lhs(p7),h^3);

nn5:coeff(lhs(p7),h^4);

nn6:coeff(lhs(p7),h^5);

(nn1) -k1\*k2\*k3\*kw

(nn2) -k1\*k2\*kw-3\*c\*k1\*k2\*k3

(nn3) -k1\*kw+k1\*k2\*k3-2\*c\*k1\*k2

(nn4) -kw+k1\*k2-c\*k1

(nn5) k1

(nn6) 1

nn1:ev(lhs(p7),h=0); n=2,H(2)A c, k1,k2,kw

nn2:coeff(lhs(p7),h);

nn3:coeff(lhs(p7),h^2);

nn4:coeff(lhs(p7),h^3);

nn5:coeff(lhs(p7),h^4);

(nn1) -k1\*k2\*kw

(nn2) -k1\*kw-2\*c\*k1\*k2

(nn3) -kw+k1\*k2-c\*k1

(nn4) k1

(nn5) 1