

## SUPPORTING INFORMATION

**HPLC Conditions and UV Wavelengths Employed in this Study.**

Parent compound and hydrolysis products	$\lambda$ (nm)	Eluent
naptalam	210	35% ACN / 65% 2.5 mM TFA
1-naphthylamine	300	50% ACN / 50% 1.0 mM phosphate
salicylanilide	258	50% ACN / 50% 1.0 mM phosphate
N,N-diethylsalicylamide	275	55% MeOH / 45% 1.0 mM phosphate
N-1-naphthylacetamide	280	40% ACN / 60% 1.0 mM phosphate
N-methyl-N-1- naphthylacetamide	279	40% ACN / 60% 1.0 mM phosphate
propanil	250	45% ACN / 55% 1.0 mM phosphate
3,4-dichloroaniline	250	45% ACN / 55% 1.0 mM phosphate
furalaxyl	264	55% ACN / 45% 1.0 mM TFA

*Note:* ACN = acetonitrile, TFA = trifluoroacetic acid, MeOH = methanol;  
The pH of the phosphate buffer is 7.4.