

Table S1. Interaction profile of pollutants with HSA after *flexible* docking with AutoDock where number of contacts for corresponding residues to the ligand are given in parentheses and residues corresponding to $\Delta\text{ASA} > 10 \text{ \AA}^2$ are in bold.

Site	Pollutants	H-Bonding			Hydrophobic interactions			ΔG (kcal. mol ⁻¹)	K_b (M ⁻¹)	ΔC_p^{calc} (kcal.mol ⁻¹ K ⁻¹)
		Residues	Average distance(Å)	ΔASA (Å ²)	Residues	Average distance(Å)	ΔASA (Å ²)			
1	1N	L234 (1)	3.13	2.77	L219 (3)	3.37	9.91	-7.23	2.00×10^5	0.038
					L234 (1)	3.46	2.77			
					L238 (3)	3.70	26.83			
					L260 (3)	3.55	10.65			
					I264 (6)	3.72	16.29			
				I290 (3)	3.50	18.48				
	2N	R257 (1)	2.75	14.65	K199 (1)	3.81	2.11	-7.28	2.18×10^5	0.024
		S287 (1)	2.87	1.12	L238 (2),	3.79	27.93			
					L260 (1),	3.44	13.62			
					A261 (3),	3.60	3.69			
				I264 (2),	3.56	5.56				
				I290 (7)	3.68	21.08				
				A291 (3)	3.85	18.18				
8H	-----	-----	-----	L219 (2)	3.63	10.76	-7.96	6.84×10^5	0.039	
				L234 (3)	3.77	4.38				
				L238 (2)	3.84	29.78				
				L260 (6)	3.65	9.56				
				A261(2)	3.65	6.44				
				I264 (2)	3.76	5.83				
				I290 (3)	3.72	21.76				
2	1N	Y411 (1)	2.63	13.91	N391 (5)	3.68	27.08	-8.20	1.03×10^6	0.016
					F403 (2)	3.74	4.12			
					L407 (2)	3.65	7.06			
					V433 (3)	3.64	10.53			
					L453 (6)	3.69	38.3			
	2N	R410 (1)	3.09	13.72	Y411 (7)	3.73	32.81	-7.90	6.21×10^5	0.016
					K414 (1)	3.80	7.87			
					L430 (2)	3.74	39.15			
					F488 (5)	3.65	28.64			
	8H	Y411 (2)	2.84	16.14	Y411 (2)	3.58	16.14	-8.35	1.32×10^6	0.010
					R485 (3)	3.61	16.72			
					F488 (12)	3.75	41.52			