SUPPLEMENTARY MATERIAL

Enhanced removal of persistent contaminants and toxicity reduction through the application of a triple-stage fenton process to sanitary landfill leachates from Yucatan, Mexico

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Table 1S. Organic compounds detected on raw and Fenton treated sanitary landfill leachate (SLL)

Retention time	Compound
Raw SLL	
15.41	5,8,11 – heptadecatrien-1-ol
15.77	Linolenin
18.96	Benzoic acid
21.79	Propanoic acid
23.87	10-methyl-8-tetradecen-1 ol acetate
29.02	Bisphenol A
29.12	Phorbol
30.15	1, 1, 1, 3, 3, 3 – hexafluoropropane extintor
32.81	3-n-hexylheptadecane
33.90	17-pentatriacontene
37.43	Rhodopin
37.59	Cholest-20(22)-ene-3,6-dione, (5α)-
Treated SLL	
First stage effluent	
11.71	Pyridine
13.22	N-heptane
13.66	Indole-3-acetic acid
13.90	N, N-Dimethylisopropylamine
15.00	Bisphenol A dimethacrylate
Second stage effluent	
18.26	N-heptanoic acid
20.48	Fucoxantina
29.09	Cholest-20(22)-ene-3,6-diol, (3β,5α,6α)-
31.66	Methyl 13-methyl eicosanoate
33.89	Heptadecane planta
35.96	17-pentatriacontene
38.83	3-ethyl-5-octadecane
Third stage effluent	
10.61	Acetamide
13.04	Cholestan-3-ol

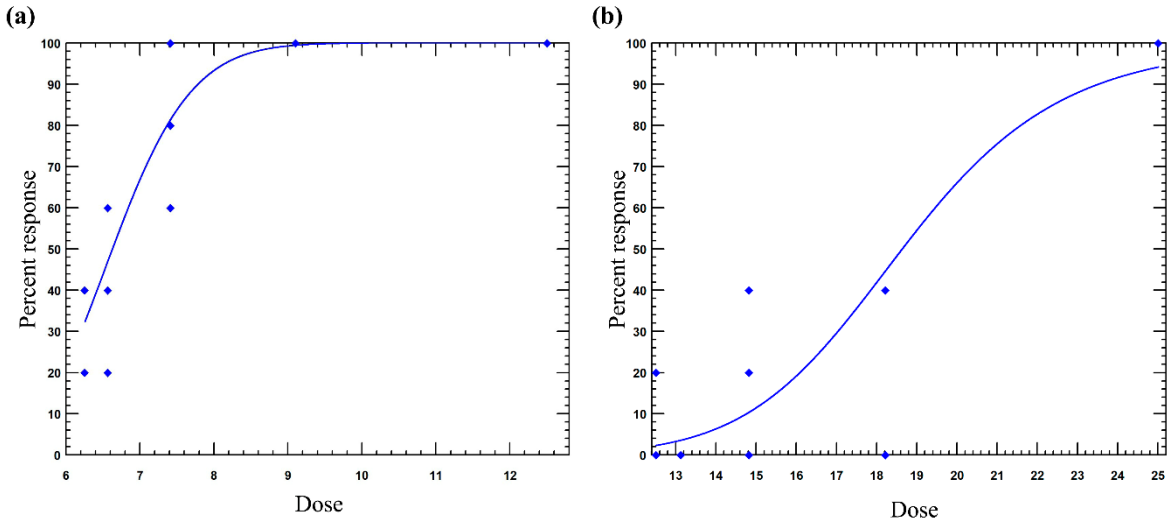

Figure 1S. *Concentration-response curve for EC_{50}-48 in Daphnia magna. a) Raw sanitary landfill leachate and b) treated sanitary landfill leachate ($p < 0.05$)*