Supporting information for

Determination of selenium in selenium - enriched products by specific ratiometric fluorescence

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Figure S1

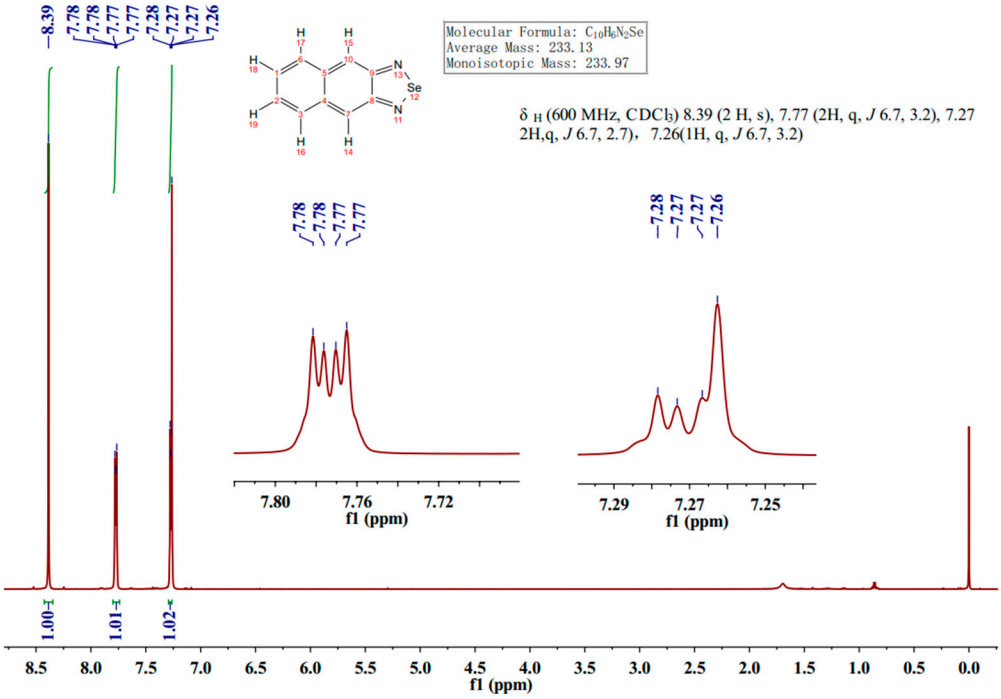

Figure S1. 1H-NMR spectrum of Se-DAN in $CDCl_3$.

Table S1

Table S1. Selenium content in shampoo (n=5)

Shampoo (g)	Se Content (mg. mL^{-1})		RSD (%)	
	FL	rFL	FL	rFL
0.50	6.17	8.19		
0.50	6.46	8.4		
0.50	6.97	7.91	6.63	3.02
0.50	5.84	8.57		
0.50	6.22	8.36		
Average content	6.63	8.29		

FL: Fluorescence method;

rFL: ratiometric fluorescence method;

Table S2

Table S2. Repeatability of results for selenium in milk samples (n=3)

Milk (mL)	FL (μg/mL)				rFL (μg/mL)			
	I	**II**	**III**	**RSD (%)**	**I**	**II**	**III**	**RSD (%)**
2.00	0.160	0.139	0.178		0.193	0.177	0.191	
2.00	0.163	0.134	0.144	11.9	0.203	0.183	0.189	5.18
2.00	0.179	0.134	0.139		0.198	0.175	0.179	
Average	0.167	0.136	0.154		0.198	0.178	0.186	

I, II and III represent the selenium content in milk measured at three different times.