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Article

Quantification of Caffeine and Chlorogenic Acid in Green and Roasted Coffee Samples Using HPLC-DAD and Evaluate the Effect of Degree of Roasting on Their Levels

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Table S1: The Average concentration (%), SD, Min, Max, Median for caffeine and chlorogenic acid content in coffee beans (n=52) obtained from the Jordanian market.

Caffeine						
Data	**Avg. Conc. (%)**	**SD**	**Min**	**Max**	**Median**	**N**
All	1.90	0.55	0.99	3.29	1.85	52
Brazil	2.03	0.48	0.99	2.71	2.01	15
Colombia	1.60	0.36	1.13	2.83	1.55	17
Ethiopia	2.14	0.51	1.43	2.83	2.03	6
India	2.54	0.92	1.35	3.29	2.76	4
Kenya	1.72	0.46	1.21	2.33	1.49	9
Saudi Arabia	2.47	---	2.47	2.47	2.47	1
Chlorogenic Acid						
All	2.54	1.95	0.15	7.45	2.34	52
Brazil	1.91	1.64	0.18	5.46	1.51	15
Colombia	2.80	2.15	0.35	7.45	2.52	17
Ethiopia	4.08	2.06	0.62	5.84	5.06	6
India	1.48	1.13	0.15	2.91	1.43	4
Kenya	2.36	1.95	0.50	6.09	1.71	9
Saudi Arabia	3.91	---	3.91	3.91	3.91	1

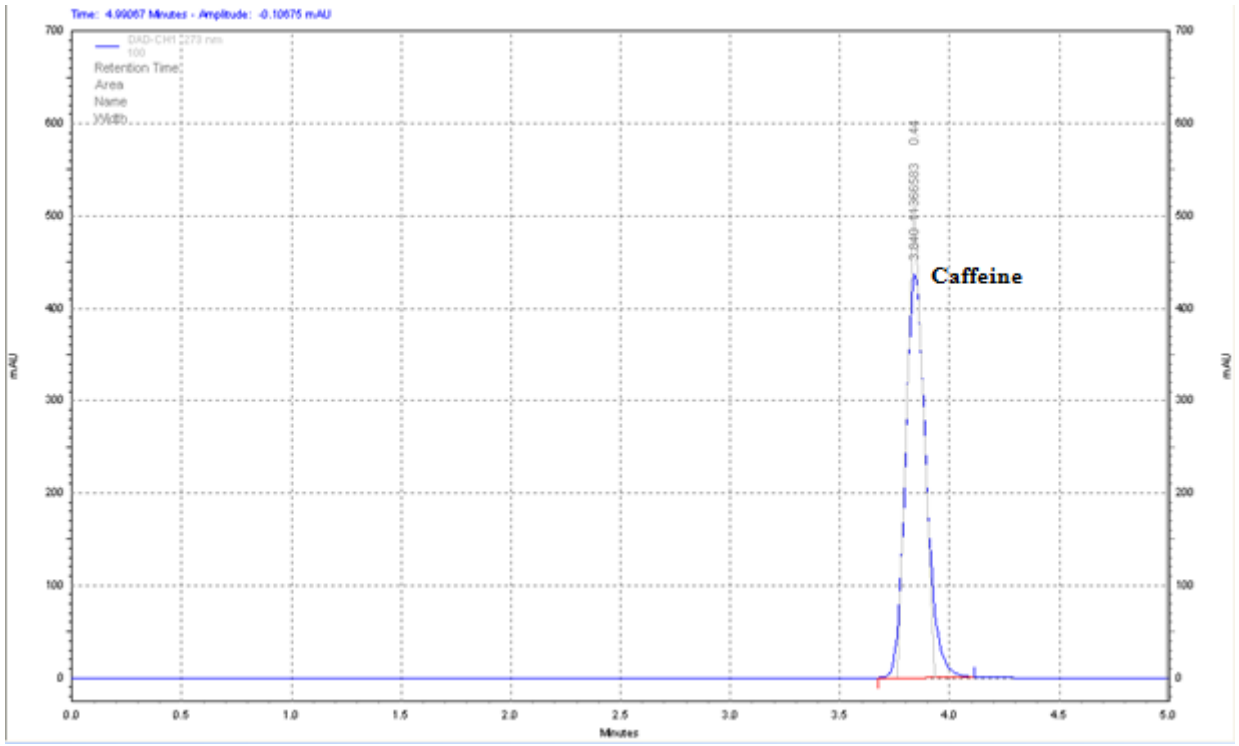

Figure S1: HPLC-DAD chromatogram of caffeine standard dissolved in MeOH:H_2O [40:60] (Rt = 3.84 min, λ = 273 nm)

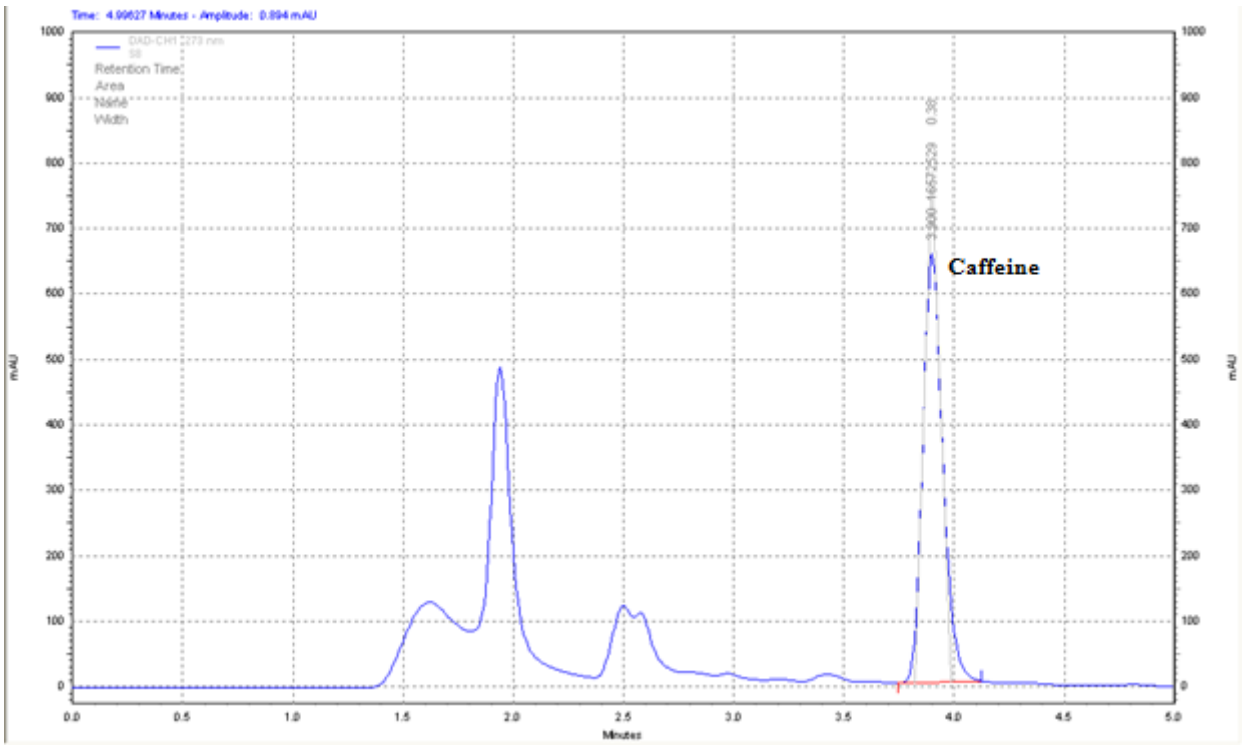

Figure S2: HPLC-DAD chromatogram of caffeine extract sample (Rt = 3.90 min, λ = 273 nm)

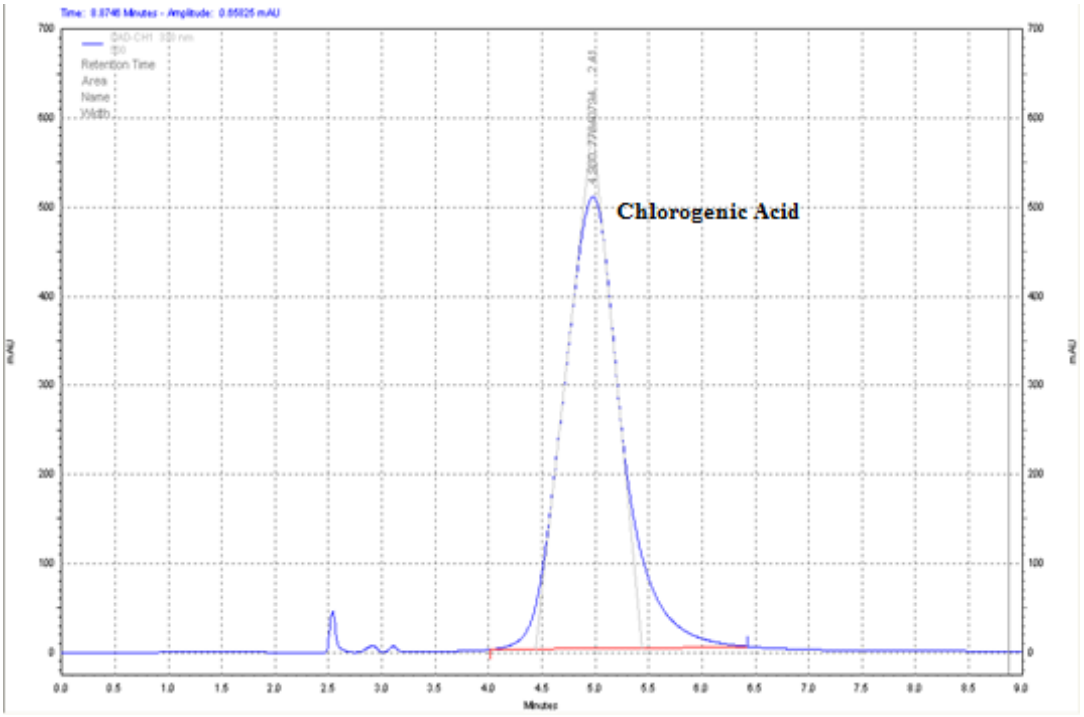

Figure S3: HPLC-DAD chromatogram of CGA standard dissolved in MeOH (Rt = 4.98 min, λ = 330 nm)

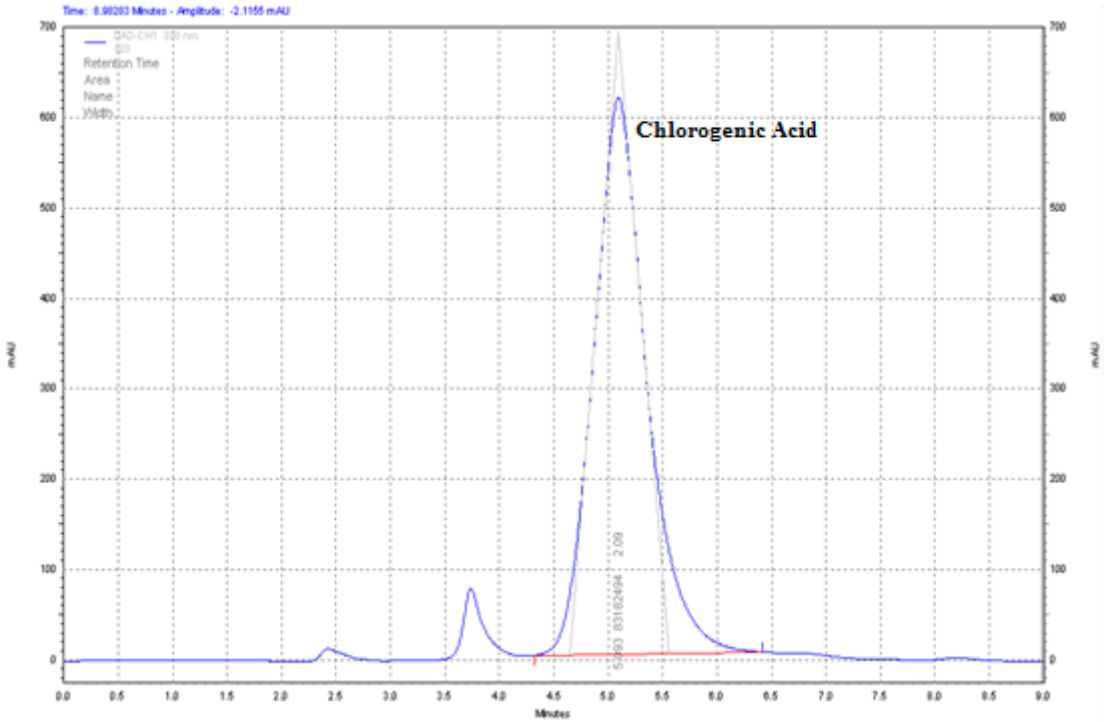

Figure S4: HPLC-DAD chromatogram of CGA extract sample (Rt = 5.09 min, λ = 330 nm)