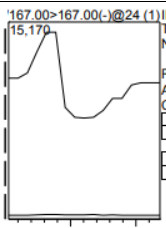
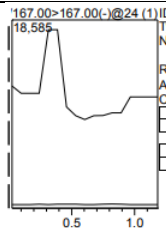
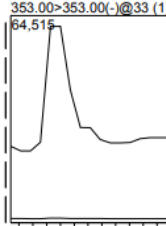
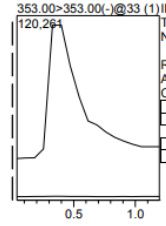
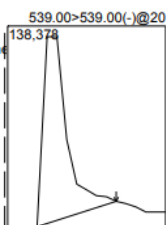
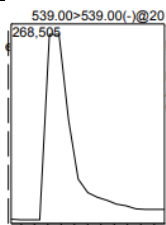
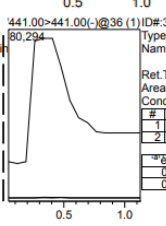
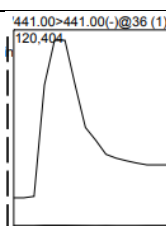
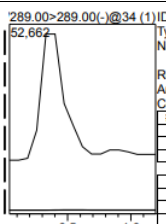
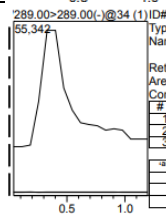
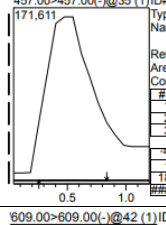
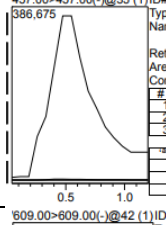
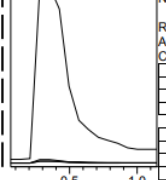
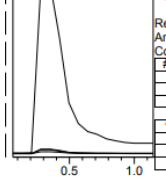


Figure S1: Molecular peaks of the CSP extract and their subsequent fragmentation in MS/MS experiment

Table S1: Identified fragments of the CSP extract

Molecule	Identified fragments	Coriandrium sativum seeds (PCS)	Standard in ACN (dil 1:1000)																								
Vanillic acid	167.00>123.00 167.00>167.00	 <p>167.00>167.00(-)@24 (1) ID# 24 m/z: 167.00>123.00 Type: Target Name: vanillic acid Ret. Time: 0.000 Area: 0 Conc.: N.D. (Peak)</p> <table><thead><tr><th>#</th><th>m/z</th><th>Area</th></tr></thead><tbody><tr><td>1</td><td>167.00>167.00</td><td>0</td></tr></tbody></table> <p>15.170</p>	#	m/z	Area	1	167.00>167.00	0	 <p>167.00>167.00(-)@24 (1) ID# 24 m/z: 167.00>123.00 Type: Target Name: vanillic acid Ret. Time: 0.000 Area: 0 Conc.: N.D. (Peak)</p> <table><thead><tr><th>#</th><th>m/z</th><th>Area</th></tr></thead><tbody><tr><td>1</td><td>167.00>167.00</td><td>0</td></tr></tbody></table> <p>18.585</p>	#	m/z	Area	1	167.00>167.00	0												
#	m/z	Area																									
1	167.00>167.00	0																									
#	m/z	Area																									
1	167.00>167.00	0																									
Chlorogenic acid	353.00>190.00 353.00>353.00	 <p>353.00>353.00(-)@33 (1) ID# 33 m/z: 353.00>190.00 Type: Target Name: chlorogenic acid Ret. Time: 0.000 Area: 0 Conc.: N.D. (Peak)</p> <table><thead><tr><th>#</th><th>m/z</th><th>Area</th></tr></thead><tbody><tr><td>1</td><td>353.00>353.00</td><td>0</td></tr></tbody></table> <p>84.515</p>	#	m/z	Area	1	353.00>353.00	0	 <p>353.00>353.00(-)@33 (1) ID# 33 m/z: 353.00>190.00 Type: Target Name: chlorogenic acid Ret. Time: 0.000 Area: 0 Conc.: N.D. (Peak)</p> <table><thead><tr><th>#</th><th>m/z</th><th>Area</th></tr></thead><tbody><tr><td>1</td><td>353.00>353.00</td><td>0</td></tr></tbody></table> <p>120.264</p>	#	m/z	Area	1	353.00>353.00	0												
#	m/z	Area																									
1	353.00>353.00	0																									
#	m/z	Area																									
1	353.00>353.00	0																									
Oleuropein	539.00>539.00	 <p>539.00>539.00(-)@20 ID# 20 m/z: 539.00>539.00 Type: Target Name: OLEUROPEIN Ret. Time: 0.000 Area: 0 Conc.: N.D. (W/B)</p> <p>138.378</p>	 <p>539.00>539.00(-)@20 ID# 20 m/z: 539.00>539.00 Type: Target Name: OLEUROPEIN Ret. Time: 0.000 Area: 0 Conc.: N.D. (Peak)</p> <p>268.505</p>																								
Epicatechin gallate	441.00>289.00 441.00>441.00	 <p>441.00>441.00(-)@36 (1) ID# 36 m/z: 441.00>289.00 Type: Target Name: epicatechin gallate Ret. Time: 0.000 Area: 0 Conc.: N.D. (Peak)</p> <table><thead><tr><th>#</th><th>m/z</th><th>Area</th></tr></thead><tbody><tr><td>1</td><td>441.00>169.00</td><td>0</td></tr><tr><td>2</td><td>441.00>441.00</td><td>0</td></tr></tbody></table> <p>80.294</p>	#	m/z	Area	1	441.00>169.00	0	2	441.00>441.00	0	 <p>441.00>441.00(-)@36 (1) ID# 36 m/z: 441.00>289.00 Type: Target Name: epicatechin gallate Ret. Time: 0.000 Area: 0 Conc.: N.D. (Peak)</p> <table><thead><tr><th>#</th><th>m/z</th><th>Area</th></tr></thead><tbody><tr><td>1</td><td>441.00>169.00</td><td>0</td></tr><tr><td>2</td><td>441.00>441.00</td><td>0</td></tr></tbody></table> <p>120.404</p>	#	m/z	Area	1	441.00>169.00	0	2	441.00>441.00	0						
#	m/z	Area																									
1	441.00>169.00	0																									
2	441.00>441.00	0																									
#	m/z	Area																									
1	441.00>169.00	0																									
2	441.00>441.00	0																									
Catechin\ Epicatechin	289.00>245.00 289.00>289.00	 <p>289.00>289.00(-)@34 (1) ID# 34 m/z: 289.00>245.00 Type: Target Name: catechin/epicatechin Ret. Time: 0.000 Area: 0 Conc.: N.D. (Peak)</p> <table><thead><tr><th>#</th><th>m/z</th><th>Area</th></tr></thead><tbody><tr><td>1</td><td>289.00>205.00</td><td>0</td></tr><tr><td>2</td><td>289.00>179.00</td><td>0</td></tr><tr><td>3</td><td>289.00>289.00</td><td>0</td></tr></tbody></table> <p>52.662</p>	#	m/z	Area	1	289.00>205.00	0	2	289.00>179.00	0	3	289.00>289.00	0	 <p>289.00>289.00(-)@34 (1) ID# 34 m/z: 289.00>245.00 Type: Target Name: catechin/epicatechin Ret. Time: 0.000 Area: 0 Conc.: N.D. (Peak)</p> <table><thead><tr><th>#</th><th>m/z</th><th>Area</th></tr></thead><tbody><tr><td>1</td><td>289.00>205.00</td><td>0</td></tr><tr><td>2</td><td>289.00>179.00</td><td>0</td></tr><tr><td>3</td><td>289.00>289.00</td><td>0</td></tr></tbody></table> <p>55.342</p>	#	m/z	Area	1	289.00>205.00	0	2	289.00>179.00	0	3	289.00>289.00	0
#	m/z	Area																									
1	289.00>205.00	0																									
2	289.00>179.00	0																									
3	289.00>289.00	0																									
#	m/z	Area																									
1	289.00>205.00	0																									
2	289.00>179.00	0																									
3	289.00>289.00	0																									
Galocatechin\ Epigallocatechin	457.00>169.00 457.00>457.00	 <p>457.00>457.00(-)@35 (1) ID# 35 m/z: 457.00>169.00 Type: Target Name: galocatechin/epigallocatechin Ret. Time: 0.000 Area: 0 Conc.: N.D. (W/B)</p> <table><thead><tr><th>#</th><th>m/z</th><th>Area</th></tr></thead><tbody><tr><td>1</td><td>457.00>331.00</td><td>22</td></tr><tr><td>2</td><td>457.00>305.00</td><td>248</td></tr><tr><td>3</td><td>457.00>457.00</td><td>102680</td></tr></tbody></table> <p>171.611</p>	#	m/z	Area	1	457.00>331.00	22	2	457.00>305.00	248	3	457.00>457.00	102680	 <p>457.00>457.00(-)@35 (1) ID# 35 m/z: 457.00>169.00 Type: Target Name: galocatechin/epigallocatechin Ret. Time: 0.000 Area: 0 Conc.: N.D. (Peak)</p> <table><thead><tr><th>#</th><th>m/z</th><th>Area</th></tr></thead><tbody><tr><td>1</td><td>457.00>331.00</td><td>0</td></tr><tr><td>2</td><td>457.00>305.00</td><td>0</td></tr><tr><td>3</td><td>457.00>457.00</td><td>0</td></tr></tbody></table> <p>386.675</p>	#	m/z	Area	1	457.00>331.00	0	2	457.00>305.00	0	3	457.00>457.00	0
#	m/z	Area																									
1	457.00>331.00	22																									
2	457.00>305.00	248																									
3	457.00>457.00	102680																									
#	m/z	Area																									
1	457.00>331.00	0																									
2	457.00>305.00	0																									
3	457.00>457.00	0																									
Rutin	609.00>301.00 609.00>609.00	 <p>609.00>609.00(-)@42 (1) ID# 42 m/z: 609.00>301.00 Type: Target Name: Rutin Ret. Time: 0.000 Area: 0 Conc.: N.D. (Peak)</p> <table><thead><tr><th>#</th><th>m/z</th><th>Area</th></tr></thead><tbody><tr><td>1</td><td>609.00>179.00</td><td>0</td></tr><tr><td>2</td><td>609.00>151.00</td><td>0</td></tr><tr><td>3</td><td>609.00>609.00</td><td>0</td></tr></tbody></table> <p>206.764</p>	#	m/z	Area	1	609.00>179.00	0	2	609.00>151.00	0	3	609.00>609.00	0	 <p>609.00>609.00(-)@42 (1) ID# 42 m/z: 609.00>301.00 Type: Target Name: Rutin Ret. Time: 0.000 Area: 0 Conc.: N.D. (Peak)</p> <table><thead><tr><th>#</th><th>m/z</th><th>Area</th></tr></thead><tbody><tr><td>1</td><td>609.00>179.00</td><td>0</td></tr><tr><td>2</td><td>609.00>151.00</td><td>0</td></tr><tr><td>3</td><td>609.00>609.00</td><td>0</td></tr></tbody></table> <p>778.244</p>	#	m/z	Area	1	609.00>179.00	0	2	609.00>151.00	0	3	609.00>609.00	0
#	m/z	Area																									
1	609.00>179.00	0																									
2	609.00>151.00	0																									
3	609.00>609.00	0																									
#	m/z	Area																									
1	609.00>179.00	0																									
2	609.00>151.00	0																									
3	609.00>609.00	0																									