

Compound*				
Name	Transition	Associated pathway	Fatty acid	Approximate LOQ (pg on column)
11(12)-EET	319.2 -> 178.8	CYP450	AA	1-500
11B-PGF2a	353.2 -> 193.1	Cyclooxygenase	AA	1-500
12S-HETE	319.2 -> 178.7	12-Lipoxygenase	AA	1-500
14(15)-EET	319.2 -> 113.0	CYP450	AA	1-500
15R-PGF2a	353.2 -> 309.2	Cyclooxygenase	AA	1-500
15S-HETE	319.2 -> 219.1	15-Lipoxygenase	AA	1-500
5S-HETE	319.2 -> 115.0	5-Lipoxygenase	AA	1-500
6-a-Prostaglandin (PGI2 analog)	353.2 -> 129.0	Cyclooxygenase	AA	1-500
8(9)-EET	319.2 -> 301.1	CYP450	AA	1-500
8-iso-15R-PGF2a	353.2 -> 193.1	Lipid peroxidation/oxidative stress	AA	1-500
8-iso-PGF2a	353.2 -> 193.1	Lipid peroxidation/oxidative stress	AA	1-500
8S-HETE	319.2 -> 154.9	8-hydroxylation	AA	1-500
Carbocyclic Thromboxane A2 (TXA2 analog)	347.3 -> 247.0	Cyclooxygenase	AA	1-500
Lipoxin A4 (LXA4)	351.2 -> 114.9	5-Lipoxygenase	AA	1-500
LTB4	335.2 -> 195.1	5-Lipoxygenase	AA	1-500
LTD4_NEG	495.3 -> 176.9	5-Lipoxygenase/Glutathione-S-transferase	AA	1-500
LTE4_NEG	438.2 -> 333.1	5-Lipoxygenase/Glutathione-S-transferase	AA	1-500
PGE2	351.2 -> 315.2	Cyclooxygenase	AA	1-500
PGF2a	353.2 -> 309.2	Cyclooxygenase	AA	1-500
Prostaglandin D2	351.2 -> 315.3	Cyclooxygenase	AA	1-500
TXB2	369.2 -> 168.9	Cyclooxygenase	AA	1-500
10(S), 17(S)-DiHDoHE (Protectin DX)	359.2 -> 153.0	15-Lipoxygenase	DHA	1-500
14(S)-HDHA	343.2 -> 281.2	12-Lipoxygenase	DHA	1-500
17(S)-HDHA	343.2 -> 281.2	15-Lipoxygenase	DHA	1-500
7R Maresin-1	359.2 -> 250.0	12-Lipoxygenase	DHA	1-500
7S Maresin-1	359.2 -> 341.2	12-Lipoxygenase	DHA	1-500
Resolvin D1 (RVD1)	375.2 -> 141.0	12-Lipoxygenase	DHA	1-500
Resolvin D2 (RVD2)	375.2 -> 141.0	12-Lipoxygenase	DHA	1-500
13-HODE	295.2 -> 277.1	15-Lipoxygenase	LA	1-500
13-OxoODE	293.2 -> 113.0	15-Lipoxygenase	LA	1-500
9-HODE	295.2 -> 277.0	12-Lipoxygenase	LA	1-500
9-OxoODE	293.2 -> 185.0	12-Lipoxygenase	LA	1-500

*Additional compounds may be available upon request

AA=Arachidonic acid

DHA= Docosahexaenoic acid

LA=Linoleic acid