

Analytes covered by the LC-ESI(-)-MS/MS method for the quantification of oxylipins in biological samples. Shown is the lower limit of quantification (LLOQ, signal to noise ratio ≥ 9 and an accuracy in the calibration within $\pm 20\%$). The LLOQ in the sample matrix depends on concentration steps (up to 10 fold for plasma).

Analyte	LLOQ (nM)
6-keto-PGF _{1a}	0.90
20-COOH-LTB ₄	1.00
Resolvin _{E1}	1.20
20-OH-LTB ₄	0.25
TXB ₂	0.63
PGE ₃	0.30
PGD ₃	1.00
9,12,13-TriHOME	1.25
9,10,13-TriHOME	0.50
PGF _{2a}	0.70
PGE ₂	0.10
PGE ₁	0.33
PGD ₁	0.50
PGD ₂	1.00
LXA ₄	0.18
11,12,15-TriHETrE	1.00
LTB ₅	0.25
PGJ ₂	1.60
PGB ₂	0.40
THF diol	0.25
15,16-DiHODE	0.50
8,15-DiHETE	0.80
9,10-DiHODE	0.20
12,13-DiHODE	2.00
6-trans-LTB ₄	0.50
5,15-DiHETE	0.25
17,18-DiHETE	0.25
LTB ₄	0.50
14,15-DiHETE	0.25
11,12-DiHETE	0.25
12,13-DiHOME	1.25
8,9-DiHETE	0.50
9,10-DiHOME	0.50
19,20-DiHDPE	1.00
14,15-DiHETrE	0.25
LTB ₃	0.50
16,17-DiHDPE	0.50
11,12-DiHETrE	0.25
13,14-DiHDPE	0.25
9-HOTrE	0.50
10,11-DiHDPE	0.50
8,9-DiHETrE	0.50
EKODE	0.50

13-HOTrE	0.60
5,6-DiHETE	0.25
15-deoxy-PGJ ₂	1.00
7,8-DiHDPE	1.00
20-HETE	2.60
15-HEPE	1.25
5,6-DiHETrE	0.50
8-HEPE	0.63
12-HEPE	0.63
5-HEPE	0.50
4,5-DiHDPE	2.00
13-HODE	1.00
9-HODE	1.00
15(16)-EpODE	0.25
15-HETE	1.25
9(10)-EpODE	0.20
17(18)-EpETE	0.50
11-HETE	0.50
12(13)-EpODE	0.25
13-oxo-ODE	1.00
15-oxo-ETE	0.50
9-oxo-ODE	1.00
14(15)-EpETE	0.25
8-HETE	2.50
12-HETE	0.50
11(12)-EpETE	0.50
8(9)-EpETE	1.00
9-HETE	2.50
15(S)-HETrE	0.50
5-HETE	1.25
19(20)-EpDPE	0.25
12(13)-EpOME	0.25
14(15)-EpETrE	0.50
9(10)-EpOME	0.25
16(17)-EpDPE	0.25
13(14)-EpDPE	0.50
5-oxo-ETE	2.00
10(11)-EpDPE	0.25
11(12)-EpETrE	0.50
8(9)-EpETrE	0.25
8(9)-EpETrE 2	2.00
5(6)-EpETrE	1.00