

Table 6. Mean method detection limits for seven determinations of chloroacetanilide herbicide metabolites spiked at 0.25 micrograms per liter in reagent water using high-performance liquid chromatography-diode array detection [MDL, method detection, $\mu\text{g/L}$, micrograms per liter; ESA, ethanesulfonic acid; OXA, oxanilic acid]

Metabolite	Mean observed concentration ($\mu\text{g/L}$)	Mean standard deviation ($\mu\text{g/L}$)	Mean MDL ($\mu\text{g/L}$)
Acetochlor ESA	0.28	0.16	0.15
Acetochlor OXA	.22	.18	.17
Alachlor ESA	.25	.10	.09
Alachlor OXA	.21	.17	.16
Metolachlor ESA	.27	.10	.09
Metolachlor OXA	.27	.14	.13