Table 5.4 The results of hemispheric activation differences in multiplication task for subject 7 for three methods of removing .EOG artifacts: FFT technique, RLS adaptive filtering and combination methods

(Occipital(O1,O2					(Parietal(P3,P4					(Central (C3,C4					
βh	βl	α	θ	δ	βh	βl	α	θ	δ	βh	βl	A	θ	Δ	Freq Band
Composite Differences															method
-0.1107	-0.0180	0.0390	0.0454	0.0163	-0.0147	-0.0869	-0.0320	0.0234	0.0169	0.0214	0.0531-	-0.0245	0.0242	0.0135	FFT
-0.0157	-0.0521	-0.0260	0.0454	0.0153	0.1058	0.0598	-0.0141	-0.0271	0.0122-	0.0229	0.0520	0.0182	-0.0138	-0.0008	RLS

0.0591	0.0797	0.0866	0.1067	-0.0307	0.0611	0.0721	0.0669	0.0143	0.1257-	0.2159	0.1684	0.0370	-0.0029	-0.0538	combination