

Theoretical FID Relative Response Factors f. HC's C1 through C15

Using an Agilent 6820 GC

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Carbon Number	Saturated Paraflins	Olefins	Saturated Nafthenes	Unsaturated Nafthenes	Aromatics	
1	1,1200	-	-	-	-	
2	1,0500	-	-	-	-	
3	1,0260	0,9799	-	-	-	
4	1,0150	0,9799	-	-	-	
5	1,0080	0,9799	0,9799	0,9517	-	
6	1,0034	0,9799	0,9799	0,9564	0,9095	
7	1,0200	0,9799	0,9799	0,9598	0,9195	
8	0,9975	0,9799	0,9799	0,9623	0,9271	
9	0,9955	0,9799	0,9799	0,9642	0,9329	
10	0,9940	0,9799	0,9799	0,9658	0,9376	
11	0,9927	0,9799	0,9799	0,9671	0,9415	
12	0,9916	0,9799	0,9799	0,9681	0,9447	
13	0,9907	0,9799	0,9799	0,969	0,9497	
14	0,9899	0,9799	0,9799	0,9608	0,9517	
15	0,9893	0,9799	0,9799	0,9705		