

rteres

Instrument :

FID_F

ClientSampleId :

BALL-1MSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF01072
 Data File : FF009646.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jan 2022 17:28
 Sample : N1052-01MSD 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Reviewed By :Yogesh Patel 01/10/2022
 Supervised By :Ankita Jodhani 01/10/2022

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF121521.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.158	2.130	2.163	BH	2	-448	-0.01%	-0.000%
2	2.181	2.163	2.276	PH	43823	331015	7.39%	0.234%
3	2.280	2.276	2.308	PH	74	297	0.01%	0.000%
4	2.312	2.308	2.327	PH	137	383	0.01%	0.000%
5	2.331	2.327	2.336	PH	98	72	0.00%	0.000%
6	2.340	2.336	2.344	PH	25	-59	-0.00%	-0.000%
7	2.347	2.344	2.362	PH	37	-199	-0.00%	-0.000%
8	2.369	2.362	2.377	PH	39	-273	-0.01%	-0.000%
9	2.379	2.377	2.388	PH	-10	-293	-0.01%	-0.000%
10	2.391	2.388	2.412	PH	71	-284	-0.01%	-0.000%
11	2.444	2.412	2.465	PH	341	2308	0.05%	0.002%
12	2.469	2.465	2.487	PH	-135	-2303	-0.05%	-0.002%
13	2.490	2.487	2.502	PH	-110	-1628	-0.04%	-0.001%
14	2.513	2.502	2.525	PH	-89	-2593	-0.06%	-0.002%
15	2.564	2.525	2.575	PH	-99	-5717	-0.13%	-0.004%
16	2.580	2.575	2.619	PH	-137	-5174	-0.12%	-0.004%
17	2.622	2.619	2.644	PH	-128	-2829	-0.06%	-0.002%
18	2.648	2.644	2.658	PH	-148	-1579	-0.04%	-0.001%
19	2.664	2.658	2.703	PH	-103	-5042	-0.11%	-0.004%
20	2.709	2.703	2.726	PH	-136	-2594	-0.06%	-0.002%
21	2.730	2.726	2.736	PH	-139	-994	-0.02%	-0.001%
22	2.741	2.736	2.751	PH	-94	-1560	-0.03%	-0.001%
23	2.760	2.751	2.771	PH	-64	-2266	-0.05%	-0.002%
24	2.780	2.771	2.790	PH	-46	-1954	-0.04%	-0.001%
25	2.792	2.790	2.796	PH	-126	-693	-0.02%	-0.000%
26	2.801	2.796	2.805	PH	-152	-1060	-0.02%	-0.001%
27	2.812	2.805	2.820	PH	-163	-1695	-0.04%	-0.001%
28	2.822	2.820	2.829	PH	-143	-1057	-0.02%	-0.001%
29	2.834	2.829	2.844	PH	-130	-1907	-0.04%	-0.001%
30	2.857	2.844	2.863	PH	-177	-2298	-0.05%	-0.002%
31	2.883	2.863	2.905	PH	-113	-4983	-0.11%	-0.004%
32	2.911	2.905	2.917	PH	-188	-1518	-0.03%	-0.001%
33	2.920	2.917	2.934	PH	-195	-2075	-0.05%	-0.001%
34	2.938	2.934	2.948	PH	-197	-1620	-0.04%	-0.001%
35	2.951	2.948	2.974	PH	-149	-2860	-0.06%	-0.002%
36	2.982	2.974	2.988	PH	-161	-1883	-0.04%	-0.001%

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37	2.995	2.988	3.020	PH	-180	-4336	-0.10%	-0.003%
38	3.026	3.020	3.051	PH	-190	-4147	-0.09%	-0.003%
39	3.053	3.051	3.064	PH	-193	-2244	-0.05%	-0.002%
40	3.078	3.064	3.089	PH	-168	-3518	-0.08%	-0.003%
41	3.091	3.089	3.095	PH	-186	-940	-0.02%	-0.001%
42	3.100	3.095	3.129	PH	-223	-5461	-0.13%	-0.004%
43	3.133	3.129	3.146	PH	-204	-2677	-0.06%	-0.002%
44	3.148	3.146	3.162	PH	-170	-2388	-0.05%	-0.002%
45	3.165	3.162	3.176	PH	-262	-2233	-0.05%	-0.002%
46	3.189	3.176	3.199	PH	-179	-3008	-0.07%	-0.002%
47	3.202	3.199	3.251	PH	-210	-8070	-0.18%	-0.006%
48	3.253	3.251	3.261	PH	-233	-1707	-0.04%	-0.001%
49	3.263	3.261	3.273	PH	-201	-2128	-0.05%	-0.002%
50	3.287	3.273	3.291	PH	-202	-2871	-0.06%	-0.002%
51	3.295	3.291	3.300	PH	-238	-1565	-0.03%	-0.001%
52	3.317	3.300	3.341	PH	-153	-5997	-0.13%	-0.004%
53	3.353	3.341	3.363	PH	-218	-3541	-0.08%	-0.003%
54	3.367	3.363	3.384	PH	-174	-3179	-0.07%	-0.002%
55	3.389	3.384	3.401	PH	-281	-2801	-0.06%	-0.002%
56	3.415	3.401	3.433	PH	-176	-5314	-0.12%	-0.004%
57	3.438	3.433	3.442	PH	-214	-1368	-0.03%	-0.001%
58	3.449	3.442	3.458	PH	-221	-2473	-0.06%	-0.002%
59	3.479	3.458	3.528	PH	1466	3007	0.07%	0.002%
60	3.560	3.528	3.564	PH	-213	-5875	-0.13%	-0.004%
61	3.589	3.564	3.594	PH	-162	-4355	-0.10%	-0.003%
62	3.614	3.594	3.642	PH	-115	-6473	-0.14%	-0.005%
63	3.647	3.642	3.656	PH	-189	-2143	-0.05%	-0.002%
64	3.661	3.656	3.677	PH	-224	-3269	-0.07%	-0.002%
65	3.679	3.677	3.703	PH	-217	-4214	-0.09%	-0.003%
66	3.717	3.703	3.723	PH	-136	-2650	-0.06%	-0.002%
67	3.726	3.723	3.736	PH	-237	-2167	-0.05%	-0.002%
68	3.741	3.736	3.745	PH	-231	-1376	-0.03%	-0.001%
69	3.764	3.745	3.820	PH	-106	-10931	-0.24%	-0.008%
70	3.825	3.820	3.838	PH	-187	-2523	-0.06%	-0.002%
71	3.843	3.838	3.848	PH	-159	-1462	-0.03%	-0.001%
72	3.853	3.848	3.863	PH	-190	-2021	-0.05%	-0.001%
73	3.870	3.863	3.881	PH	-158	-2609	-0.06%	-0.002%
74	3.892	3.881	3.903	PH	-187	-2890	-0.06%	-0.002%
75	3.914	3.903	3.919	PH	-143	-2281	-0.05%	-0.002%
76	3.924	3.919	3.935	PH	-185	-2537	-0.06%	-0.002%
77	3.943	3.935	3.954	PH	-168	-2723	-0.06%	-0.002%
78	3.958	3.954	3.968	PH	-297	-2363	-0.05%	-0.002%
79	3.975	3.968	3.987	PH	-221	-3192	-0.07%	-0.002%
80	3.994	3.987	3.998	PH	-155	-1649	-0.04%	-0.001%
81	4.003	3.998	4.012	PH	-235	-2072	-0.05%	-0.001%
82	4.020	4.012	4.032	PH	-204	-2773	-0.06%	-0.002%
83	4.035	4.032	4.046	PH	-144	-1975	-0.04%	-0.001%
84	4.055	4.046	4.069	PH	-195	-3586	-0.08%	-0.003%
85	4.074	4.069	4.078	PH	-235	-1277	-0.03%	-0.001%
86	4.085	4.078	4.116	PH	-163	-5842	-0.13%	-0.004%
87	4.131	4.116	4.136	PH	-169	-2722	-0.06%	-0.002%
88	4.146	4.136	4.160	PH	-141	-2731	-0.06%	-0.002%
89	4.164	4.160	4.177	PH	-127	-2011	-0.04%	-0.001%

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90	4.181	4.177	4.192	PH	-93	-1545	-0.03%	-0.001%
91	4.199	4.192	4.209	PH	-90	-1856	-0.03%	-0.001%
92	4.212	4.209	4.220	PH	-143	-1245	-0.03%	-0.001%
93	4.244	4.220	4.314	PH	44707	410587	-0.03%	-0.001%
94	4.319	4.314	4.328	PH	27	-481	-0.03%	-0.001%
95	4.335	4.328	4.346	PH	-8	-659	-0.03%	-0.001%
96	4.350	4.346	4.365	PH	9	-1111	-0.02%	-0.001%
97	4.420	4.365	4.430	PH	125	-3878	-0.09%	-0.003%
98	4.446	4.430	4.488	PH	528	3219	0.07%	0.002%
99	4.497	4.488	4.514	PH	-39	-2267	-0.05%	-0.002%
100	4.522	4.514	4.541	PH	-93	-2889	-0.06%	-0.002%
101	4.554	4.541	4.559	PH	-118	-2327	-0.05%	-0.002%
102	4.564	4.559	4.574	PH	-179	-1911	-0.04%	-0.001%
103	4.579	4.574	4.590	PH	-202	-2458	-0.05%	-0.002%
104	4.605	4.590	4.610	PH	-178	-2808	-0.06%	-0.002%
105	4.622	4.610	4.633	PH	-150	-2960	-0.07%	-0.002%
106	4.642	4.633	4.651	PH	-201	-2429	-0.05%	-0.002%
107	4.655	4.651	4.671	PH	-186	-3242	-0.07%	-0.002%
108	4.679	4.671	4.684	PH	-247	-2356	-0.05%	-0.002%
109	4.707	4.684	4.724	PH	-227	-7456	-0.17%	-0.005%
110	4.729	4.724	4.734	PH	-320	-2234	-0.05%	-0.002%
111	4.753	4.734	4.766	PH	-275	-6979	-0.16%	-0.005%
112	4.779	4.766	4.789	PH	-285	-4780	-0.11%	-0.003%
113	4.793	4.789	4.816	PH	-264	-5149	-0.11%	-0.004%
114	4.823	4.816	4.843	PH	-241	-4511	-0.10%	-0.003%
115	4.862	4.843	4.908	PH	428	2119	0.05%	0.001%
116	4.922	4.908	4.942	PH	-33	-2914	-0.07%	-0.002%
117	4.949	4.942	4.962	PH	-202	-2924	-0.07%	-0.002%
118	4.980	4.962	5.025	PH	-127	-9459	-0.21%	-0.007%
119	5.031	5.025	5.036	PH	-268	-1915	-0.04%	-0.001%
120	5.047	5.036	5.061	PH	-204	-4253	-0.09%	-0.003%
121	5.065	5.061	5.072	PH	-253	-1983	-0.04%	-0.001%
122	5.079	5.072	5.105	PH	-257	-6215	-0.14%	-0.004%
123	5.108	5.105	5.117	PH	-292	-2365	-0.05%	-0.002%
124	5.122	5.117	5.129	PH	-259	-2211	-0.05%	-0.002%
125	5.134	5.129	5.143	PH	-231	-2308	-0.05%	-0.002%
126	5.161	5.143	5.166	PH	-221	-3809	-0.09%	-0.003%
127	5.170	5.166	5.192	PH	-199	-4764	-0.11%	-0.003%
128	5.194	5.192	5.208	PH	-229	-3074	-0.07%	-0.002%
129	5.229	5.208	5.249	PH	-69	-5803	-0.13%	-0.004%
130	5.277	5.249	5.309	PH	233	-4736	-0.11%	-0.003%
131	5.316	5.309	5.332	PH	-174	-3515	-0.08%	-0.002%
132	5.335	5.332	5.353	PH	-253	-4212	-0.09%	-0.003%
133	5.357	5.353	5.380	PH	-295	-5619	-0.13%	-0.004%
134	5.387	5.380	5.398	PH	-291	-3542	-0.08%	-0.003%
135	5.408	5.398	5.412	PH	-259	-2846	-0.06%	-0.002%
136	5.418	5.412	5.423	PH	-336	-1981	-0.04%	-0.001%
137	5.444	5.423	5.489	PH	-20	-7911	-0.18%	-0.006%
138	5.493	5.489	5.498	PH	-263	-1723	-0.04%	-0.001%
139	5.502	5.498	5.507	PH	-289	-1782	-0.04%	-0.001%
140	5.545	5.507	5.550	PH	-145	-6109	-0.14%	-0.004%
141	5.557	5.550	5.603	PH	-106	-8655	-0.19%	-0.006%

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142	5.618	5.603	5.633	PH	-198	-5688	-0.13%	-0.004%
143	5.640	5.633	5.645	PH	-243	-2079	-0.04%	-0.002%
144	5.647	5.645	5.669	PH	-295	-4863	-0.05%	-0.002%
145	5.671	5.669	5.676	PH	-311	-1453	-0.05%	-0.002%
146	5.681	5.676	5.692	PH	-318	-3506	-0.05%	-0.002%
147	5.697	5.692	5.705	PH	-402	-3279	-0.07%	-0.002%
148	5.726	5.705	5.764	PH	143	-8266	-0.18%	-0.006%
149	5.772	5.764	5.776	PH	-267	-2275	-0.05%	-0.002%
150	5.781	5.776	5.790	PH	-265	-2883	-0.06%	-0.002%
151	5.794	5.790	5.804	PH	-315	-3074	-0.07%	-0.002%
152	5.818	5.804	5.823	PH	-263	-3656	-0.08%	-0.003%
153	5.858	5.823	5.901	PH	55	-7503	-0.17%	-0.005%
154	5.914	5.901	5.928	PH	-72	-2986	-0.07%	-0.002%
155	5.931	5.928	5.936	PH	-205	-1381	-0.03%	-0.001%
156	5.969	5.936	6.023	PH	1513	8018	0.18%	0.006%
157	6.036	6.023	6.045	PH	-148	-2942	-0.07%	-0.002%
158	6.054	6.045	6.062	PH	-128	-2042	-0.05%	-0.001%
159	6.086	6.062	6.100	PH	-104	-3902	-0.09%	-0.003%
160	6.104	6.100	6.109	PH	-181	-1211	-0.03%	-0.001%
161	6.127	6.109	6.134	PH	45	-1639	-0.04%	-0.001%
162	6.140	6.134	6.148	PH	-39	-1026	-0.02%	-0.001%
163	6.152	6.148	6.156	PH	-116	-625	-0.01%	-0.000%
164	6.179	6.156	6.204	PH	-16	-4007	-0.09%	-0.003%
165	6.213	6.204	6.218	PH	-65	-1284	-0.03%	-0.001%
166	6.250	6.218	6.323	PH	46546	446941	9.97%	0.316%
167	6.336	6.323	6.359	PH	-42	-3576	-0.08%	-0.003%
168	6.372	6.359	6.384	PH	-108	-2746	-0.06%	-0.002%
169	6.398	6.384	6.422	PH	206	-933	-0.02%	-0.001%
170	6.432	6.422	6.455	PH	-57	-3219	-0.07%	-0.002%
171	6.465	6.455	6.470	PH	-168	-2054	-0.05%	-0.001%
172	6.474	6.470	6.493	PH	-174	-3550	-0.08%	-0.003%
173	6.496	6.493	6.502	PH	-179	-1361	-0.03%	-0.001%
174	6.507	6.502	6.511	PH	-198	-1292	-0.03%	-0.001%
175	6.523	6.511	6.547	PH	-150	-4632	-0.10%	-0.003%
176	6.565	6.547	6.580	PH	-115	-4678	-0.10%	-0.003%
177	6.587	6.580	6.596	PH	-262	-2920	-0.07%	-0.002%
178	6.603	6.596	6.617	PH	-167	-3292	-0.07%	-0.002%
179	6.626	6.617	6.636	PH	-257	-3114	-0.07%	-0.002%
180	6.645	6.636	6.653	PH	-160	-2151	-0.05%	-0.002%
181	6.662	6.653	6.677	PH	-173	-3871	-0.09%	-0.003%
182	6.706	6.677	6.721	PH	-166	-7014	-0.16%	-0.005%
183	6.732	6.721	6.738	PH	-199	-2732	-0.06%	-0.002%
184	6.762	6.738	6.779	PH	16	-3053	-0.07%	-0.002%
185	6.783	6.779	6.787	PH	-123	-1057	-0.02%	-0.001%
186	6.806	6.787	6.836	PH	-0	-4456	-0.10%	-0.003%
187	6.852	6.836	6.883	PH	35	-4583	-0.10%	-0.003%
188	6.909	6.883	6.929	PH	96	-1456	-0.03%	-0.001%
189	6.945	6.929	6.976	PH	336	1215	0.03%	0.001%
190	6.980	6.976	6.984	PH	-156	-937	-0.02%	-0.001%
191	6.988	6.984	6.993	PH	-175	-1069	-0.02%	-0.001%
192	7.018	6.993	7.062	PH	202	-2419	-0.05%	-0.002%
193	7.068	7.062	7.074	PH	-166	-1510	-0.03%	-0.001%
194	7.087	7.074	7.110	PH	-113	-5024	-0.11%	-0.004%

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195	7.119	7.110	7.128	PH	-162	-2357	-0.05%	-0.002%
196	7.132	7.128	7.146	PH	-206	-2626	-0.05%	-0.002%
197	7.171	7.146	7.202	PH	1097	6862	-0.05%	-0.002%
198	7.206	7.202	7.222	PH	-113	-2679	-0.05%	-0.002%
199	7.225	7.222	7.229	PH	-264	-1149	-0.05%	-0.002%
200	7.235	7.229	7.249	PH	-158	-2787	-0.05%	-0.002%
201	7.253	7.249	7.266	PH	-199	-2402	-0.05%	-0.002%
202	7.283	7.266	7.302	PH	-205	-5914	-0.13%	-0.004%
203	7.305	7.302	7.316	PH	-293	-2476	-0.06%	-0.002%
204	7.336	7.316	7.360	PH	-62	-5729	-0.13%	-0.004%
205	7.363	7.360	7.379	PH	-182	-3184	-0.07%	-0.002%
206	7.383	7.379	7.388	PH	-235	-1597	-0.04%	-0.001%
207	7.392	7.388	7.403	PH	-217	-2605	-0.06%	-0.002%
208	7.408	7.403	7.414	PH	-253	-2165	-0.05%	-0.002%
209	7.418	7.414	7.428	PH	-320	-2654	-0.06%	-0.002%
210	7.449	7.428	7.490	PH	-138	-9165	-0.20%	-0.006%
211	7.499	7.490	7.522	PH	-187	-5133	-0.11%	-0.004%
212	7.531	7.522	7.556	PH	-247	-6669	-0.15%	-0.005%
213	7.565	7.556	7.569	PH	-347	-2858	-0.06%	-0.002%
214	7.595	7.569	7.604	PH	-192	-5684	-0.13%	-0.004%
215	7.620	7.604	7.631	PH	-83	-3168	-0.07%	-0.002%
216	7.636	7.631	7.673	PH	-171	-7240	-0.16%	-0.005%
217	7.689	7.673	7.708	PH	-178	-6037	-0.13%	-0.004%
218	7.731	7.708	7.758	PH	-12	-7490	-0.17%	-0.005%
219	7.767	7.758	7.771	PH	-167	-1574	-0.04%	-0.001%
220	7.788	7.771	7.815	PH	-36	-4731	-0.11%	-0.003%
221	7.822	7.815	7.842	PH	-206	-4849	-0.11%	-0.003%
222	7.856	7.842	7.881	PH	188	-2208	-0.05%	-0.002%
223	7.903	7.881	7.925	PH	-136	-5811	-0.13%	-0.004%
224	7.929	7.925	7.934	PH	-223	-1429	-0.03%	-0.001%
225	7.941	7.934	7.957	PH	-117	-2658	-0.06%	-0.002%
226	7.975	7.957	7.991	PH	97	-695	-0.02%	-0.000%
227	8.035	7.991	8.105	PH	43405	455557	10.17%	0.322%
228	8.128	8.105	8.132	PH	-86	-2504	-0.06%	-0.002%
229	8.139	8.132	8.152	PH	-59	-1122	-0.03%	-0.001%
230	8.155	8.152	8.165	PH	-92	-868	-0.02%	-0.001%
231	8.183	8.165	8.219	PH	110	-2960	-0.07%	-0.002%
232	8.224	8.219	8.237	PH	-192	-2475	-0.06%	-0.002%
233	8.254	8.237	8.300	PH	-110	-8498	-0.19%	-0.006%
234	8.310	8.300	8.352	PH	-260	-10019	-0.22%	-0.007%
235	8.366	8.352	8.370	PH	-249	-3454	-0.08%	-0.002%
236	8.390	8.370	8.427	PH	71	-5309	-0.12%	-0.004%
237	8.446	8.427	8.514	PH	1090	10795	0.24%	0.008%
238	8.529	8.514	8.535	PH	-56	-1384	-0.03%	-0.001%
239	8.568	8.535	8.601	PH	414	201	0.00%	0.000%
240	8.617	8.601	8.635	PH	-123	-4419	-0.10%	-0.003%
241	8.641	8.635	8.664	PH	-168	-4363	-0.10%	-0.003%
242	8.687	8.664	8.703	PH	-55	-4095	-0.09%	-0.003%
243	8.714	8.703	8.739	PH	-64	-3648	-0.08%	-0.003%
244	8.766	8.739	8.786	PH	159	-799	-0.02%	-0.001%
245	8.790	8.786	8.799	PH	37	-380	-0.01%	-0.000%
246	8.804	8.799	8.808	PH	-26	-405	-0.01%	-0.000%

Instrument :

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ClientSampleId :

BALL-1MSD

Manual IntegrationsAPPROVED

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					rters			
247	8.813	8.808	8.834	PH	-62	-1612	-0.04%	-0.001%
248	8.853	8.834	8.884	PH	1140	9412		
249	8.905	8.884	8.925	PH	39	-2268		
250	8.935	8.925	8.959	PH	-96	-4297		
251	8.973	8.959	8.982	PH	-171	-3629		
252	8.987	8.982	8.997	PH	-165	-2033		
253	9.012	8.997	9.026	PH	-54	-3021	-0.07%	-0.002%
254	9.049	9.026	9.064	PH	-135	-4788	-0.11%	-0.003%
255	9.070	9.064	9.075	PH	-157	-1482	-0.03%	-0.001%
256	9.087	9.075	9.119	PH	-141	-6830	-0.15%	-0.005%
257	9.141	9.119	9.172	PH	-49	-6534	-0.15%	-0.005%
258	9.184	9.172	9.209	PH	-225	-5752	-0.13%	-0.004%
259	9.229	9.209	9.252	PH	709	9431	0.21%	0.007%
260	9.268	9.252	9.297	HH	744	8904	0.20%	0.006%
261	9.305	9.297	9.336	HH	174	-1342	-0.03%	-0.001%
262	9.356	9.336	9.369	PH	-45	-2315	-0.05%	-0.002%
263	9.383	9.369	9.390	PH	7	-707	-0.02%	-0.000%
264	9.408	9.390	9.448	PH	666	2976	0.07%	0.002%
265	9.463	9.448	9.489	PH	564	3171	0.07%	0.002%
266	9.492	9.489	9.500	PH	-148	-1160	-0.03%	-0.001%
267	9.504	9.500	9.524	PH	-116	-2823	-0.06%	-0.002%
268	9.536	9.524	9.542	PH	-123	-2180	-0.05%	-0.002%
269	9.547	9.542	9.564	PH	-28	-1454	-0.03%	-0.001%
270	9.575	9.564	9.596	PH	123	-441	-0.01%	-0.000%
271	9.627	9.596	9.679	PH	39414	411345	9.18%	0.290%
272	9.693	9.679	9.722	PH	-8	-3902	-0.09%	-0.003%
273	9.750	9.722	9.784	PH	589	1250	0.03%	0.001%
274	9.801	9.784	9.848	PH	-63	-6966	-0.16%	-0.005%
275	9.854	9.848	9.870	PH	-233	-3801	-0.08%	-0.003%
276	9.901	9.870	9.912	PH	-203	-6783	-0.15%	-0.005%
277	9.919	9.912	9.940	PH	-271	-4683	-0.10%	-0.003%
278	9.962	9.940	9.984	PH	-42	-4313	-0.10%	-0.003%
279	10.010	9.984	10.041	PH	197	-1983	-0.04%	-0.001%
280	10.069	10.041	10.075	PH	-37	-2650	-0.06%	-0.002%
281	10.078	10.075	10.089	PH	-68	-917	-0.02%	-0.001%
282	10.099	10.089	10.118	PH	6	-1003	-0.02%	-0.001%
283	10.121	10.118	10.134	PH	-62	-1027	-0.02%	-0.001%
284	10.158	10.134	10.185	PH	67	-1267	-0.03%	-0.001%
285	10.189	10.185	10.205	PH	-72	-1515	-0.03%	-0.001%
286	10.224	10.205	10.239	PH	135	377	0.01%	0.000%
287	10.283	10.239	10.305	PH	465	4420	0.10%	0.003%
288	10.364	10.305	10.398	PH	897	11705	0.26%	0.008%
289	10.436	10.398	10.497	HH	647	15717	0.35%	0.011%
290	10.502	10.497	10.525	PH	45	-766	-0.02%	-0.001%
291	10.544	10.525	10.564	PH	111	142	0.00%	0.000%
292	10.578	10.564	10.584	PH	70	80	0.00%	0.000%
293	10.586	10.584	10.592	PH	54	29	0.00%	0.000%
294	10.596	10.592	10.602	PH	4	-27	-0.00%	-0.000%
295	10.626	10.602	10.686	PH	8562	135830	3.03%	0.096%
296	10.708	10.686	10.784	HH	6125	104424	2.33%	0.074%
297	10.801	10.784	10.854	HH	1731	26513	0.59%	0.019%
298	10.889	10.854	10.911	HH	303	5717	0.13%	0.004%
299	10.924	10.911	10.939	HH	74	936	0.02%	0.001%

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BALL-1MSD

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					rters			
300	10.942	10.939	10.948	HH	76	167	0.00%	0.000%
301	10.952	10.948	10.963	PH	28	-120		
302	10.970	10.963	10.978	PH	91	176		
303	10.984	10.978	10.987	PH	128	238		
304	11.062	10.987	11.114	PH	40464	457868	10.00%	0.000%
305	11.118	11.114	11.123	HH	120	608		
306	11.151	11.123	11.175	HH	690	12490	0.28%	0.009%
307	11.180	11.175	11.194	HH	183	1255	0.03%	0.001%
308	11.214	11.194	11.238	HH	298	4822	0.11%	0.003%
309	11.259	11.238	11.284	HH	533	7883	0.18%	0.006%
310	11.289	11.284	11.293	HH	156	544	0.01%	0.000%
311	11.319	11.293	11.340	HH	374	6330	0.14%	0.004%
312	11.353	11.340	11.372	HH	293	3607	0.08%	0.003%
313	11.376	11.372	11.407	HH	260	3132	0.07%	0.002%
314	11.438	11.407	11.452	HH	822	13035	0.29%	0.009%
315	11.473	11.452	11.509	HH	997	22894	0.51%	0.016%
316	11.543	11.509	11.568	HH	1661	32296	0.72%	0.023%
317	11.578	11.568	11.598	HH	767	11068	0.25%	0.008%
318	11.615	11.598	11.676	HH	859	21753	0.49%	0.015%
319	11.680	11.676	11.686	HH	239	1123	0.03%	0.001%
320	11.729	11.686	11.759	HH	1104	20661	0.46%	0.015%
321	11.788	11.759	11.807	HH	831	14817	0.33%	0.010%
322	11.825	11.807	11.863	HH	2460	35527	0.79%	0.025%
323	11.867	11.863	11.881	HH	397	3737	0.08%	0.003%
324	11.885	11.881	11.895	HH	411	2852	0.06%	0.002%
325	11.925	11.895	11.953	HH	741	18627	0.42%	0.013%
326	11.964	11.953	11.988	HH	577	10336	0.23%	0.007%
327	11.996	11.988	12.012	HH	506	6645	0.15%	0.005%
328	12.028	12.012	12.036	HH	720	9177	0.20%	0.006%
329	12.041	12.036	12.075	HH	775	14980	0.33%	0.011%
330	12.096	12.075	12.100	HH	747	9470	0.21%	0.007%
331	12.106	12.100	12.134	HH	749	12855	0.29%	0.009%
332	12.138	12.134	12.144	HH	624	3532	0.08%	0.002%
333	12.148	12.144	12.167	HH	646	8530	0.19%	0.006%
334	12.193	12.167	12.201	HH	711	12951	0.29%	0.009%
335	12.223	12.201	12.242	HH	725	15824	0.35%	0.011%
336	12.252	12.242	12.267	HH	695	9651	0.22%	0.007%
337	12.269	12.267	12.274	HH	681	2389	0.05%	0.002%
338	12.292	12.274	12.298	HH	739	9565	0.21%	0.007%
339	12.325	12.298	12.338	HH	1344	24826	0.55%	0.018%
340	12.367	12.338	12.412	HH	38147	473942	10.58%	0.335%
341	12.436	12.412	12.532	HH	13128	236072	5.27%	0.167%
342	12.555	12.532	12.584	HH	853	25002	0.56%	0.018%
343	12.591	12.584	12.604	HH	849	9848	0.22%	0.007%
344	12.637	12.604	12.656	HH	1158	30039	0.67%	0.021%
345	12.663	12.656	12.677	HH	1011	11931	0.27%	0.008%
346	12.691	12.677	12.709	HH	1044	17478	0.39%	0.012%
347	12.734	12.709	12.780	HH	10865	181093	4.04%	0.128%
348	12.798	12.780	12.825	HH	2143	46589	1.04%	0.033%
349	12.851	12.825	12.899	HH	2231	71821	1.60%	0.051%
350	12.905	12.899	12.910	HH	1239	8425	0.19%	0.006%
351	12.917	12.910	12.929	HH	1211	13857	0.31%	0.010%

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FID_F

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BALL-1MSD

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					retention			
352	12.934	12.929	12.940	HH	1264	8194	0.18%	0.006%
353	12.944	12.940	12.956	HH	1284	10974		
354	12.976	12.956	13.015	HH	2821	61316		
355	13.017	13.015	13.021	HH	1296	4062		
356	13.069	13.021	13.107	HH	1730	79667		
357	13.155	13.107	13.162	HH	1575	46063		
358	13.207	13.162	13.228	HH	2044	66827	1.49%	0.047%
359	13.232	13.228	13.278	HH	1679	45183	1.01%	0.032%
360	13.339	13.278	13.382	HH	2689	124474	2.78%	0.088%
361	13.386	13.382	13.398	HH	1984	18042	0.40%	0.013%
362	13.402	13.398	13.410	HH	1931	13684	0.31%	0.010%
363	13.447	13.410	13.452	HH	2541	54534	1.22%	0.039%
364	13.456	13.452	13.460	HH	2505	11361	0.25%	0.008%
365	13.480	13.460	13.499	HH	2798	61676	1.38%	0.044%
366	13.503	13.499	13.529	HH	2589	42668	0.95%	0.030%
367	13.560	13.529	13.593	HH	39514	524329	11.70%	0.370%
368	13.604	13.593	13.632	HH	2840	60183	1.34%	0.042%
369	13.651	13.632	13.682	HH	2513	69313	1.55%	0.049%
370	13.688	13.682	13.697	HH	2268	19660	0.44%	0.014%
371	13.708	13.697	13.740	HH	2235	54878	1.22%	0.039%
372	13.788	13.740	13.817	HH	2663	106806	2.38%	0.075%
373	13.827	13.817	13.843	HH	2394	36666	0.82%	0.026%
374	13.852	13.843	13.874	HH	2423	43036	0.96%	0.030%
375	13.914	13.874	13.950	HH	3129	121942	2.72%	0.086%
376	13.972	13.950	13.985	HH	2778	56010	1.25%	0.040%
377	14.000	13.985	14.012	HH	2737	42716	0.95%	0.030%
378	14.036	14.012	14.084	HH	3693	135538	3.02%	0.096%
379	14.119	14.084	14.149	HH	8624	184680	4.12%	0.130%
380	14.170	14.149	14.192	HH	3468	85735	1.91%	0.061%
381	14.219	14.192	14.225	HH	3177	60718	1.36%	0.043%
382	14.257	14.225	14.283	HH	3674	119333	2.66%	0.084%
383	14.311	14.283	14.350	HH	4448	155690	3.47%	0.110%
384	14.357	14.350	14.365	HH	3584	32321	0.72%	0.023%
385	14.377	14.365	14.389	HH	3712	51494	1.15%	0.036%
386	14.409	14.389	14.425	HH	3678	78559	1.75%	0.055%
387	14.455	14.425	14.488	HH	20494	362632	8.09%	0.256%
388	14.510	14.488	14.529	HH	4144	96778	2.16%	0.068%
389	14.546	14.529	14.577	HH	3959	110812	2.47%	0.078%
390	14.587	14.577	14.596	HH	4109	47061	1.05%	0.033%
391	14.622	14.596	14.633	HH	9185	148866	3.32%	0.105%
392	14.658	14.633	14.719	HH	47849	816629	18.23%	0.577%
393	14.721	14.719	14.732	HH	5093	40383	0.90%	0.029%
394	14.735	14.732	14.758	HH	5104	74553	1.66%	0.053%
395	14.779	14.758	14.812	HH	5244	153836	3.43%	0.109%
396	14.815	14.812	14.819	HH	4322	18255	0.41%	0.013%
397	14.852	14.819	14.868	HH	4941	134754	3.01%	0.095%
398	14.885	14.868	14.912	HH	4955	125672	2.80%	0.089%
399	14.923	14.912	14.947	HH	5070	102970	2.30%	0.073%
400	14.986	14.947	15.009	HH	5325	182448	4.07%	0.129%
401	15.016	15.009	15.024	HH	4792	42774	0.95%	0.030%
402	15.076	15.024	15.130	HH	6756	365194	8.15%	0.258%
403	15.132	15.130	15.145	HH	5171	43824	0.98%	0.031%
404	15.177	15.145	15.223	HH	13214	404181	9.02%	0.285%

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405	15.239	15.223	15.273	HH	5793	165704	3.70%	0.117%
406	15.300	15.273	15.327	HH	6368	190315		
407	15.354	15.327	15.375	HH	5825	160870		
408	15.391	15.375	15.397	HH	5934	75675		
409	15.398	15.397	15.410	HH	5803	44410		
410	15.440	15.410	15.446	HH	6318	127993		
411	15.454	15.446	15.459	HH	6211	48136	1.07%	0.034%
412	15.493	15.459	15.514	HH	6559	207576	4.63%	0.147%
413	15.520	15.514	15.525	HH	6197	42216	0.94%	0.030%
414	15.531	15.525	15.539	HH	6160	49629	1.11%	0.035%
415	15.548	15.539	15.559	HH	6258	76412	1.71%	0.054%
416	15.568	15.559	15.577	HH	6279	66076	1.47%	0.047%
417	15.581	15.577	15.585	HH	6334	28033	0.63%	0.020%
418	15.587	15.585	15.595	HH	6269	40300	0.90%	0.028%
419	15.635	15.595	15.643	HH	6625	180246	4.02%	0.127%
420	15.675	15.643	15.707	HH	43924	731333	16.32%	0.516%
421	15.737	15.707	15.766	HH	7005	242204	5.41%	0.171%
422	15.812	15.766	15.819	HH	7019	213743	4.77%	0.151%
423	15.820	15.819	15.832	HH	6962	53878	1.20%	0.038%
424	15.853	15.832	15.874	HH	7583	184354	4.11%	0.130%
425	15.901	15.874	15.919	HH	7372	196304	4.38%	0.139%
426	15.988	15.919	16.015	HH	8539	451086	10.07%	0.319%
427	16.037	16.015	16.046	HH	8181	146355	3.27%	0.103%
428	16.096	16.046	16.113	HH	8574	332247	7.41%	0.235%
429	16.117	16.113	16.121	HH	8401	41049	0.92%	0.029%
430	16.123	16.121	16.129	HH	8400	39224	0.88%	0.028%
431	16.157	16.129	16.171	HH	17217	321012	7.16%	0.227%
432	16.179	16.171	16.205	HH	13993	252480	5.63%	0.178%
433	16.214	16.205	16.225	HH	10564	121252	2.71%	0.086%
434	16.237	16.225	16.282	HH	10883	340622	7.60%	0.241%
435	16.322	16.282	16.342	HH	10128	347076	7.75%	0.245%
436	16.354	16.342	16.377	HH	10135	207674	4.63%	0.147%
437	16.381	16.377	16.425	HH	9784	275883	6.16%	0.195%
438	16.458	16.425	16.480	HH	10678	338523	7.56%	0.239%
439	16.503	16.480	16.547	HH	13800	463088	10.34%	0.327%
440	16.569	16.547	16.592	HH	13533	331450	7.40%	0.234%
441	16.622	16.592	16.654	HH	47718	907211	20.25%	0.641%
442	16.672	16.654	16.725	HH	12988	502142	11.21%	0.355%
443	16.734	16.725	16.744	HH	11274	125791	2.81%	0.089%
444	16.750	16.744	16.755	HH	11230	71705	1.60%	0.051%
445	16.789	16.755	16.812	HH	11833	398092	8.88%	0.281%
446	16.850	16.812	16.870	HH	12494	417380	9.31%	0.295%
447	16.929	16.870	16.939	HH	13232	522373	11.66%	0.369%
448	16.958	16.939	16.981	HH	13614	333964	7.45%	0.236%
449	17.003	16.981	17.015	HH	13777	270096	6.03%	0.191%
450	17.022	17.015	17.040	HH	13622	201441	4.50%	0.142%
451	17.072	17.040	17.125	HH	22505	810862	18.10%	0.573%
452	17.167	17.125	17.200	HH	15996	654049	14.60%	0.462%
453	17.235	17.200	17.270	HH	15218	620688	13.85%	0.438%
454	17.274	17.270	17.285	HH	14686	131414	2.93%	0.093%
455	17.303	17.285	17.309	HH	14582	203376	4.54%	0.144%
456	17.349	17.309	17.377	HH	15591	620657	13.85%	0.438%

Instrument :

FID_F

ClientSampleId :

BALL-1MSD

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					rteres			
457	17.401	17.377	17.413	HH	16007	331209	7.39%	0.234%
458	17.424	17.413	17.430	HH	15777	158090		
459	17.464	17.430	17.476	HH	16472	454321	10.15%	0.321%
460	17.507	17.476	17.570	HH	52973	1417946	31.15%	0.574%
461	17.602	17.570	17.611	HH	17273	408387	9.25%	0.293%
462	17.636	17.611	17.658	HH	20621	540662	12.16%	0.385%
463	17.664	17.658	17.696	HH	18727	414411	9.73%	0.308%
464	17.727	17.696	17.738	HH	18259	454716	10.15%	0.321%
465	17.781	17.738	17.807	HH	21964	813430	18.15%	0.574%
466	17.828	17.807	17.835	HH	19667	321168	7.17%	0.227%
467	17.856	17.835	17.869	HH	20144	407654	9.10%	0.288%
468	17.884	17.869	17.899	HH	20594	366716	8.18%	0.259%
469	17.928	17.899	17.983	HH	29428	1184459	26.43%	0.836%
470	18.004	17.983	18.023	HH	23806	532345	11.88%	0.376%
471	18.027	18.023	18.030	HH	21319	91145	2.03%	0.064%
472	18.040	18.030	18.058	HH	21876	367759	8.21%	0.260%
473	18.083	18.058	18.100	HH	21874	544974	12.16%	0.385%
474	18.128	18.100	18.134	HH	22335	436115	9.73%	0.308%
475	18.151	18.134	18.165	HH	22129	410263	9.16%	0.290%
476	18.200	18.165	18.259	HH	24812	1323597	29.54%	0.935%
477	18.337	18.259	18.392	HH	59433	2482283	55.40%	1.753%
478	18.427	18.392	18.449	HH	27757	903359	20.16%	0.638%
479	18.474	18.449	18.494	HH	28126	734394	16.39%	0.519%
480	18.502	18.494	18.519	HH	26852	400324	8.93%	0.283%
481	18.544	18.519	18.550	HH	26697	494490	11.04%	0.349%
482	18.554	18.550	18.561	HH	26845	175901	3.93%	0.124%
483	18.601	18.561	18.622	HH	28453	997392	22.26%	0.704%
484	18.639	18.622	18.667	HH	28215	762163	17.01%	0.538%
485	18.733	18.667	18.785	HH	38032	2197934	49.05%	1.552%
486	18.791	18.785	18.804	HH	30031	328801	7.34%	0.232%
487	18.823	18.804	18.842	HH	31528	714017	15.94%	0.504%
488	18.896	18.842	18.940	HH	39098	1988546	44.38%	1.404%
489	18.949	18.940	18.962	HH	32511	420165	9.38%	0.297%
490	18.979	18.962	18.997	HH	33180	677369	15.12%	0.478%
491	19.021	18.997	19.031	HH	33359	677418	15.12%	0.478%
492	19.039	19.031	19.046	HH	33572	303848	6.78%	0.215%
493	19.117	19.046	19.189	HH	66029	3451043	77.02%	2.437%
494	19.236	19.189	19.250	HH	38533	1375508	30.70%	0.971%
495	19.255	19.250	19.270	HH	37780	448472	10.01%	0.317%
496	19.293	19.270	19.297	HH	38117	593344	13.24%	0.419%
497	19.304	19.297	19.320	HH	38493	547351	12.22%	0.386%
498	19.339	19.320	19.343	HH	38584	517604	11.55%	0.365%
499	19.411	19.343	19.446	HH	49868	2656461	59.29%	1.876%
500	19.462	19.446	19.468	HH	42432	534389	11.93%	0.377%
501	19.492	19.468	19.516	HH	48482	1313139	29.31%	0.927%
502	19.524	19.516	19.534	HH	43462	452068	10.09%	0.319%
503	19.540	19.534	19.564	HH	43503	781134	17.43%	0.552%
504	19.646	19.564	19.667	HH	45655	2744091	61.24%	1.938%
505	19.760	19.667	19.808	HH	48753	3965994	88.51%	2.800%
506	19.855	19.808	19.878	HH	77366	2466113	55.04%	1.741%
507	19.902	19.878	19.937	HH	62730	1984325	44.29%	1.401%
508	19.962	19.937	19.969	HH	51475	973907	21.74%	0.688%
509	20.009	19.969	20.024	HH	53679	1739103	38.81%	1.228%

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							Instrument : FID_F	
							ClientSampleId : BALL-1MSD	
510	20.050	20.024	20.056	HH	54390	1047377	23.37%	0.740%
511	20.072	20.056	20.085	HH	54412	950348		
512	20.091	20.085	20.103	HH	54182	564895		
513	20.123	20.103	20.139	HH	54856	1185132		
514	20.150	20.139	20.160	HH	55034	704959		
515	20.209	20.160	20.231	HH	62079	2459310		
516	20.263	20.231	20.274	HH	59048	1503117	33.55%	1.061%
517	20.297	20.274	20.302	HH	61025	1026242	22.90%	0.725%
518	20.366	20.302	20.407	HH	78908	4197787	93.68%	2.964%
519	20.412	20.407	20.424	HH	63498	668637	14.92%	0.472%
520	20.432	20.424	20.451	HH	63649	1020623	22.78%	0.721%
521	20.456	20.451	20.464	HH	62309	476207	10.63%	0.336%
522	20.474	20.464	20.498	HH	62864	1293958	28.88%	0.914%
523	20.514	20.498	20.520	HH	62706	822728	18.36%	0.581%
524	20.562	20.520	20.609	HH	87548	3718766	82.99%	2.626%
525	20.616	20.609	20.623	HH	62154	525630	11.73%	0.371%
526	20.640	20.623	20.654	HH	62460	1138232	25.40%	0.804%
527	20.658	20.654	20.662	HH	62520	312252	6.97%	0.220%
528	20.676	20.662	20.698	HH	63388	1358790	30.32%	0.959%
529	20.722	20.698	20.763	HH	63547	2473014	55.19%	1.746%
530	20.771	20.763	20.782	HH	63372	714819	15.95%	0.505%
531	20.791	20.782	20.812	HH	63098	1109143	24.75%	0.783%
532	20.853	20.812	20.892	HH	77293	3325294	74.21%	2.348%
533	20.898	20.892	20.905	HH	62080	492351	10.99%	0.348%
534	20.951	20.905	20.991	HH	65837	3254423	72.63%	2.298%
535	20.995	20.991	21.013	HH	62789	849135	18.95%	0.600%
536	21.024	21.013	21.029	HH	62729	581646	12.98%	0.411%
537	21.037	21.029	21.044	HH	62731	575578	12.85%	0.406%
538	21.058	21.044	21.084	HH	62867	1478995	33.01%	1.044%
539	21.157	21.084	21.202	HH	63900	4480773	100.00%	3.164%
540	21.211	21.202	21.235	HH	62246	1222645	27.29%	0.863%
541	21.250	21.235	21.257	HH	61955	798715	17.83%	0.564%
542	21.268	21.257	21.279	HH	62323	815193	18.19%	0.576%
543	21.287	21.279	21.320	HH	62400	1533251	34.22%	1.083%
544	21.329	21.320	21.334	HH	61612	501848	11.20%	0.354%
545	21.390	21.334	21.410	HH	80369	3270773	73.00%	2.309%
546	21.415	21.410	21.487	HH	76795	3107168	69.34%	2.194%
547	21.510	21.487	21.527	HH	60889	1454508	32.46%	1.027%
548	21.537	21.527	21.557	HH	60788	1092345	24.38%	0.771%
549	21.563	21.557	21.572	HH	60148	532849	11.89%	0.376%
550	21.574	21.572	21.594	HH	59956	777405	17.35%	0.549%
551	21.602	21.594	21.614	HH	60129	731780	16.33%	0.517%
552	21.619	21.614	21.639	HH	60124	881948	19.68%	0.623%
553	21.643	21.639	21.649	HH	59676	357692	7.98%	0.253%
554	21.652	21.649	21.659	HH	59636	357265	7.97%	0.252%
555	21.663	21.659	21.677	HH	59636	644609	14.39%	0.455%
556	21.682	21.677	21.691	HH	59424	505838	11.29%	0.357%
557	21.694	21.691	21.707	HH	59246	567278	12.66%	0.401%
558	21.755	21.707	21.770	HH	59368	2238827	49.97%	1.581%
559	21.781	21.770	21.789	HH	58874	670672	14.97%	0.474%

Sum of corrected areas: 141626179

Instrument :

FID_F

ClientSampleId :

BALL-1MSD

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