

rteres

Instrument :

FID_F

ClientSampleId :

WASTEMS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2021

Supervised By :mohammad ahmed 12/22/2021

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF12202
Data File : FF009484.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2021 16:18
Sample : M5116-01MS
Misc :
ALS Vial : 58 Sample Multiplier: 1

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	2.131	2.100	2.157	BH	112	-1190	-0.01%	-0.001%
2	2.171	2.157	2.175	PH	1278	6095	0.03%	0.003%
3	2.193	2.175	2.265	HH	352266	2480991	10.47%	1.121%
4	2.269	2.265	2.276	PH	20	-257	-0.00%	-0.000%
5	2.277	2.276	2.303	PH	-35	-2351	-0.01%	-0.001%
6	2.308	2.303	2.313	PH	-116	-1090	-0.00%	-0.000%
7	2.350	2.313	2.370	PH	-93	-6222	-0.03%	-0.003%
8	2.373	2.370	2.378	PH	-71	-812	-0.00%	-0.000%
9	2.387	2.378	2.403	PH	-4	-1559	-0.01%	-0.001%
10	2.428	2.403	2.446	PH	458	1238	0.01%	0.001%
11	2.458	2.446	2.488	PH	265	-1969	-0.01%	-0.001%
12	2.492	2.488	2.502	PH	-213	-2700	-0.01%	-0.001%
13	2.514	2.502	2.540	PH	-111	-5501	-0.02%	-0.002%
14	2.553	2.540	2.571	PH	-172	-4884	-0.02%	-0.002%
15	2.578	2.571	2.629	PH	-191	-11723	-0.05%	-0.005%
16	2.647	2.629	2.659	PH	-245	-6050	-0.03%	-0.003%
17	2.661	2.659	2.696	PH	-261	-9105	-0.04%	-0.004%
18	2.704	2.696	2.708	PH	-423	-3433	-0.01%	-0.002%
19	2.731	2.708	2.743	PH	-190	-6871	-0.03%	-0.003%
20	2.748	2.743	2.760	PH	-140	-2856	-0.01%	-0.001%
21	2.764	2.760	2.773	PH	-338	-2925	-0.01%	-0.001%
22	2.775	2.773	2.786	PH	-358	-3410	-0.01%	-0.002%
23	2.812	2.786	2.822	PH	-205	-7808	-0.03%	-0.004%
24	2.831	2.822	2.838	PH	-307	-3490	-0.01%	-0.002%
25	2.842	2.838	2.848	PH	-361	-2475	-0.01%	-0.001%
26	2.855	2.848	2.869	PH	-348	-5511	-0.02%	-0.002%
27	2.874	2.869	2.885	PH	-407	-4095	-0.02%	-0.002%
28	2.890	2.885	2.896	PH	-384	-2884	-0.01%	-0.001%
29	2.926	2.896	2.941	PH	-210	-8679	-0.04%	-0.004%
30	2.957	2.941	2.977	PH	-229	-7572	-0.03%	-0.003%
31	3.003	2.977	3.033	PH	-93	-9959	-0.04%	-0.005%
32	3.041	3.033	3.074	PH	-275	-9538	-0.04%	-0.004%
33	3.076	3.074	3.080	PH	-419	-1675	-0.01%	-0.001%
34	3.083	3.080	3.087	PH	-474	-1883	-0.01%	-0.001%
35	3.091	3.087	3.114	PH	-433	-8225	-0.03%	-0.004%
36	3.121	3.114	3.136	PH	-438	-6424	-0.03%	-0.003%

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37	3.142	3.136	3.152	PH	-393	-4651	-0.02%	-0.002%
38	3.156	3.152	3.161	PH	-382	-2433	-0.02%	-0.002%
39	3.165	3.161	3.179	PH	-405	-5267	-0.02%	-0.002%
40	3.200	3.179	3.228	PH	162	-8909	-0.02%	-0.002%
41	3.232	3.228	3.240	PH	-457	-3614	-0.02%	-0.002%
42	3.250	3.240	3.269	PH	-432	-9334	-0.02%	-0.002%
43	3.279	3.269	3.314	PH	-479	-14262	-0.06%	-0.006%
44	3.322	3.314	3.339	PH	-525	-8307	-0.04%	-0.004%
45	3.360	3.339	3.397	PH	-200	-14373	-0.06%	-0.006%
46	3.402	3.397	3.417	PH	-434	-5716	-0.02%	-0.003%
47	3.433	3.417	3.474	PH	36	-13930	-0.06%	-0.006%
48	3.494	3.474	3.513	PH	-142	-9664	-0.04%	-0.004%
49	3.531	3.513	3.536	PH	-382	-6752	-0.03%	-0.003%
50	3.541	3.536	3.549	PH	-422	-3991	-0.02%	-0.002%
51	3.578	3.549	3.595	PH	-316	-12182	-0.05%	-0.006%
52	3.598	3.595	3.603	PH	-467	-2412	-0.01%	-0.001%
53	3.609	3.603	3.613	PH	-469	-2939	-0.01%	-0.001%
54	3.627	3.613	3.643	PH	-78	-8477	-0.04%	-0.004%
55	3.654	3.643	3.659	PH	-409	-4254	-0.02%	-0.002%
56	3.684	3.659	3.720	PH	-370	-16686	-0.07%	-0.008%
57	3.730	3.720	3.749	PH	-372	-8891	-0.04%	-0.004%
58	3.758	3.749	3.763	PH	-447	-4604	-0.02%	-0.002%
59	3.776	3.763	3.791	PH	-413	-8388	-0.04%	-0.004%
60	3.793	3.791	3.831	PH	-402	-12557	-0.05%	-0.006%
61	3.881	3.831	3.943	PH	9547	129520	0.55%	0.059%
62	3.955	3.943	3.982	HH	434	4649	0.02%	0.002%
63	3.992	3.982	4.006	PH	135	906	0.00%	0.000%
64	4.028	4.006	4.054	PH	95	-1622	-0.01%	-0.001%
65	4.081	4.054	4.112	PH	94	-4033	-0.02%	-0.002%
66	4.128	4.112	4.149	PH	-314	-9482	-0.04%	-0.004%
67	4.173	4.149	4.191	PH	-34	-8902	-0.04%	-0.004%
68	4.211	4.191	4.233	PH	-196	-9675	-0.04%	-0.004%
69	4.260	4.233	4.320	PH	353197	3146626	13.28%	1.422%
70	4.334	4.320	4.348	PH	-178	-5101	-0.02%	-0.002%
71	4.363	4.348	4.393	PH	-90	-8294	-0.03%	-0.004%
72	4.414	4.393	4.449	PH	1873	13795	0.06%	0.006%
73	4.460	4.449	4.504	PH	414	-4431	-0.02%	-0.002%
74	4.509	4.504	4.526	PH	-428	-6103	-0.03%	-0.003%
75	4.545	4.526	4.573	PH	1117	-509	-0.00%	-0.000%
76	4.607	4.573	4.621	PH	12	-11072	-0.05%	-0.005%
77	4.640	4.621	4.672	PH	1997	7439	0.03%	0.003%
78	4.690	4.672	4.728	PH	-138	-14438	-0.06%	-0.007%
79	4.731	4.728	4.737	PH	-576	-3421	-0.01%	-0.002%
80	4.755	4.737	4.784	PH	81	-11463	-0.05%	-0.005%
81	4.789	4.784	4.796	PH	-593	-4424	-0.02%	-0.002%
82	4.807	4.796	4.812	PH	-556	-5636	-0.02%	-0.003%
83	4.839	4.812	4.881	PH	1553	7313	0.03%	0.003%
84	4.891	4.881	4.907	PH	-304	-7003	-0.03%	-0.003%
85	4.909	4.907	4.916	PH	-546	-3237	-0.01%	-0.001%
86	4.943	4.916	4.968	PH	873	-3581	-0.02%	-0.002%
87	4.977	4.968	4.989	PH	-487	-7196	-0.03%	-0.003%
88	5.009	4.989	5.026	PH	-258	-10045	-0.04%	-0.005%
89	5.031	5.026	5.040	PH	-447	-4663	-0.02%	-0.002%

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90	5.061	5.040	5.098	PH	212	-7253	-0.03%	-0.003%
91	5.118	5.098	5.157	PH	1358	4873		
92	5.171	5.157	5.180	PH	-316	-5611		
93	5.194	5.180	5.219	PH	-212	-8747		
94	5.242	5.219	5.261	PH	-365	-12546		
95	5.291	5.261	5.313	PH	1122	-1226		
96	5.324	5.313	5.344	PH	-211	-8621	-0.04%	-0.004%
97	5.365	5.344	5.391	PH	131	-8404	-0.04%	-0.004%
98	5.398	5.391	5.431	PH	-372	-11924	-0.05%	-0.005%
99	5.435	5.431	5.457	PH	-508	-8825	-0.04%	-0.004%
100	5.464	5.457	5.514	PH	-535	-21024	-0.09%	-0.010%
101	5.535	5.514	5.555	PH	-368	-12151	-0.05%	-0.005%
102	5.566	5.555	5.578	PH	-426	-6939	-0.03%	-0.003%
103	5.583	5.578	5.589	PH	-552	-4083	-0.02%	-0.002%
104	5.593	5.589	5.617	PH	-529	-9898	-0.04%	-0.004%
105	5.635	5.617	5.647	PH	-503	-11299	-0.05%	-0.005%
106	5.656	5.647	5.667	PH	-597	-8176	-0.03%	-0.004%
107	5.680	5.667	5.696	PH	-670	-12986	-0.05%	-0.006%
108	5.743	5.696	5.766	PH	-553	-29757	-0.13%	-0.013%
109	5.795	5.766	5.815	PH	-498	-18923	-0.08%	-0.009%
110	5.847	5.815	5.861	PH	270	-3590	-0.02%	-0.002%
111	5.868	5.861	5.927	PH	-8	-14305	-0.06%	-0.006%
112	5.948	5.927	5.953	PH	-351	-7164	-0.03%	-0.003%
113	5.989	5.953	6.018	PH	2377	17304	0.07%	0.008%
114	6.020	6.018	6.041	PH	-391	-7336	-0.03%	-0.003%
115	6.044	6.041	6.065	PH	-524	-8655	-0.04%	-0.004%
116	6.071	6.065	6.096	PH	-498	-11624	-0.05%	-0.005%
117	6.118	6.096	6.136	PH	1063	927	0.00%	0.000%
118	6.149	6.136	6.162	PH	-279	-5111	-0.02%	-0.002%
119	6.164	6.162	6.192	PH	-363	-10163	-0.04%	-0.005%
120	6.201	6.192	6.205	PH	-459	-4553	-0.02%	-0.002%
121	6.209	6.205	6.212	PH	-587	-2697	-0.01%	-0.001%
122	6.231	6.212	6.235	PH	-452	-7148	-0.03%	-0.003%
123	6.269	6.235	6.317	PH	347601	3351026	14.14%	1.514%
124	6.320	6.317	6.331	PH	-508	-4510	-0.02%	-0.002%
125	6.344	6.331	6.374	PH	-343	-13294	-0.06%	-0.006%
126	6.386	6.374	6.403	PH	-458	-8948	-0.04%	-0.004%
127	6.414	6.403	6.449	PH	-450	-15815	-0.07%	-0.007%
128	6.454	6.449	6.463	PH	-550	-5355	-0.02%	-0.002%
129	6.466	6.463	6.475	PH	-674	-5163	-0.02%	-0.002%
130	6.492	6.475	6.517	PH	-468	-17170	-0.07%	-0.008%
131	6.541	6.517	6.570	PH	-304	-20540	-0.09%	-0.009%
132	6.578	6.570	6.583	PH	-742	-5931	-0.03%	-0.003%
133	6.615	6.583	6.647	PH	-416	-24132	-0.10%	-0.011%
134	6.667	6.647	6.685	PH	-635	-17035	-0.07%	-0.008%
135	6.699	6.685	6.712	PH	-683	-11941	-0.05%	-0.005%
136	6.718	6.712	6.742	PH	-529	-12427	-0.05%	-0.006%
137	6.769	6.742	6.814	PH	103	-8663	-0.04%	-0.004%
138	6.822	6.814	6.848	PH	-118	-7503	-0.03%	-0.003%
139	6.868	6.848	6.882	PH	7	-5979	-0.03%	-0.003%
140	6.890	6.882	6.911	PH	44	-4040	-0.02%	-0.002%
141	6.922	6.911	6.953	PH	-171	-10148	-0.04%	-0.005%

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142	6.966	6.953	7.007	PH	160	-14338	-0.06%	-0.006%
143	7.023	7.007	7.039	PH	-333	-10962	-0.01%	-0.001%
144	7.064	7.039	7.103	PH	-18	-19907	-0.00%	-0.000%
145	7.117	7.103	7.122	PH	-779	-9289	-0.01%	-0.001%
146	7.128	7.122	7.148	PH	-611	-11103	-0.01%	-0.001%
147	7.149	7.148	7.161	PH	-699	-6126	-0.01%	-0.001%
148	7.187	7.161	7.226	PH	6138	39451	0.17%	0.018%
149	7.231	7.226	7.238	PH	-732	-5046	-0.02%	-0.002%
150	7.252	7.238	7.276	PH	-479	-14528	-0.06%	-0.007%
151	7.306	7.276	7.317	PH	-284	-13088	-0.06%	-0.006%
152	7.327	7.317	7.333	PH	-221	-3090	-0.01%	-0.001%
153	7.352	7.333	7.378	PH	-87	-9231	-0.04%	-0.004%
154	7.401	7.378	7.419	PH	-430	-13773	-0.06%	-0.006%
155	7.444	7.419	7.456	PH	-140	-8405	-0.04%	-0.004%
156	7.468	7.456	7.485	PH	-113	-5633	-0.02%	-0.003%
157	7.496	7.485	7.518	PH	-296	-9647	-0.04%	-0.004%
158	7.540	7.518	7.570	PH	-241	-14447	-0.06%	-0.007%
159	7.574	7.570	7.583	PH	-653	-5131	-0.02%	-0.002%
160	7.611	7.583	7.618	PH	67	-6279	-0.03%	-0.003%
161	7.637	7.618	7.653	PH	2075	19692	0.08%	0.009%
162	7.663	7.653	7.682	HH	930	6497	0.03%	0.003%
163	7.706	7.682	7.728	PH	1656	10509	0.04%	0.005%
164	7.750	7.728	7.772	PH	3079	24290	0.10%	0.011%
165	7.799	7.772	7.828	PH	2056	26991	0.11%	0.012%
166	7.836	7.828	7.857	PH	-166	-5994	-0.03%	-0.003%
167	7.875	7.857	7.901	PH	1503	8382	0.04%	0.004%
168	7.911	7.901	7.923	PH	-339	-5063	-0.02%	-0.002%
169	7.953	7.923	7.976	PH	677	3885	0.02%	0.002%
170	7.992	7.976	8.000	PH	-36	-1354	-0.01%	-0.001%
171	8.055	8.000	8.087	PH	359716	3634826	15.34%	1.643%
172	8.098	8.087	8.128	PH	258	-824	-0.00%	-0.000%
173	8.163	8.128	8.193	PH	1471	20877	0.09%	0.009%
174	8.195	8.193	8.226	HH	455	1332	0.01%	0.001%
175	8.246	8.226	8.266	PH	-12	-4617	-0.02%	-0.002%
176	8.284	8.266	8.319	PH	906	3756	0.02%	0.002%
177	8.327	8.319	8.332	PH	-255	-2443	-0.01%	-0.001%
178	8.344	8.332	8.370	PH	-214	-8953	-0.04%	-0.004%
179	8.407	8.370	8.440	PH	2204	14273	0.06%	0.006%
180	8.461	8.440	8.483	PH	851	11826	0.05%	0.005%
181	8.538	8.483	8.567	HH	2893	81486	0.34%	0.037%
182	8.586	8.567	8.620	HH	3198	40412	0.17%	0.018%
183	8.640	8.620	8.660	PH	796	4895	0.02%	0.002%
184	8.680	8.660	8.689	PH	30	-2329	-0.01%	-0.001%
185	8.695	8.689	8.720	PH	-56	-3455	-0.01%	-0.002%
186	8.737	8.720	8.754	PH	8	-3402	-0.01%	-0.002%
187	8.789	8.754	8.832	PH	1442	14177	0.06%	0.006%
188	8.836	8.832	8.850	PH	-66	-1267	-0.01%	-0.001%
189	8.872	8.850	8.944	PH	6808	68493	0.29%	0.031%
190	8.956	8.944	8.980	PH	-135	-5866	-0.02%	-0.003%
191	8.984	8.980	8.987	PH	-289	-1279	-0.01%	-0.001%
192	8.996	8.987	9.003	PH	-117	-1898	-0.01%	-0.001%
193	9.009	9.003	9.039	PH	-131	-4282	-0.02%	-0.002%
194	9.056	9.039	9.082	PH	-105	-5565	-0.02%	-0.003%

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195	9.102	9.082	9.125	PH	2485	21153	0.09%	0.010%
196	9.132	9.125	9.145	PH	-141	-2315		
197	9.168	9.145	9.187	PH	10	-3457		
198	9.247	9.187	9.271	PH	4949	73617		
199	9.288	9.271	9.323	HH	3455	42851		
200	9.331	9.323	9.355	HH	319	2384		
201	9.375	9.355	9.407	PH	877	10206	0.04%	0.005%
202	9.427	9.407	9.451	PH	3325	32812	0.14%	0.015%
203	9.481	9.451	9.505	PH	2325	22905	0.10%	0.010%
204	9.523	9.505	9.540	PH	316	2107	0.01%	0.001%
205	9.566	9.540	9.574	PH	1172	10835	0.05%	0.005%
206	9.585	9.574	9.615	HH	1362	18114	0.08%	0.008%
207	9.648	9.615	9.686	HH	314691	3386326	14.29%	1.530%
208	9.718	9.686	9.735	PH	609	9125	0.04%	0.004%
209	9.752	9.735	9.784	HH	1124	13633	0.06%	0.006%
210	9.808	9.784	9.841	PH	248	2164	0.01%	0.001%
211	9.865	9.841	9.877	PH	100	366	0.00%	0.000%
212	9.882	9.877	9.893	PH	64	-30	-0.00%	-0.000%
213	9.913	9.893	9.937	PH	353	2972	0.01%	0.001%
214	9.974	9.937	10.005	PH	2090	38869	0.16%	0.018%
215	10.027	10.005	10.049	HH	2781	48369	0.20%	0.022%
216	10.067	10.049	10.089	HH	2280	38320	0.16%	0.017%
217	10.122	10.089	10.143	HH	2145	49994	0.21%	0.023%
218	10.161	10.143	10.185	HH	2660	40326	0.17%	0.018%
219	10.197	10.185	10.212	HH	1426	17623	0.07%	0.008%
220	10.229	10.212	10.241	HH	1136	15631	0.07%	0.007%
221	10.263	10.241	10.282	HH	3100	45957	0.19%	0.021%
222	10.307	10.282	10.321	HH	1837	33674	0.14%	0.015%
223	10.338	10.321	10.357	HH	2690	42788	0.18%	0.019%
224	10.381	10.357	10.411	HH	5052	82482	0.35%	0.037%
225	10.453	10.411	10.470	HH	3180	83251	0.35%	0.038%
226	10.484	10.470	10.498	HH	2920	41317	0.17%	0.019%
227	10.513	10.498	10.550	HH	2875	69365	0.29%	0.031%
228	10.565	10.550	10.579	HH	1560	25247	0.11%	0.011%
229	10.604	10.579	10.618	HH	4510	67892	0.29%	0.031%
230	10.633	10.618	10.654	HH	6251	90126	0.38%	0.041%
231	10.672	10.654	10.737	HH	6529	207592	0.88%	0.094%
232	10.754	10.737	10.783	HH	3422	72517	0.31%	0.033%
233	10.800	10.783	10.815	HH	2635	43828	0.18%	0.020%
234	10.847	10.815	10.869	HH	2857	78304	0.33%	0.035%
235	10.888	10.869	10.922	HH	3141	70689	0.30%	0.032%
236	10.951	10.922	10.987	HH	2693	86379	0.36%	0.039%
237	11.022	10.987	11.041	HH	5791	121475	0.51%	0.055%
238	11.084	11.041	11.141	HH	302218	3734366	15.76%	1.688%
239	11.164	11.141	11.214	HH	11883	252002	1.06%	0.114%
240	11.240	11.214	11.253	HH	6417	102089	0.43%	0.046%
241	11.273	11.253	11.300	HH	7984	144226	0.61%	0.065%
242	11.325	11.300	11.344	HH	8811	144655	0.61%	0.065%
243	11.359	11.344	11.364	HH	5229	53383	0.23%	0.024%
244	11.368	11.364	11.381	HH	5120	51169	0.22%	0.023%
245	11.391	11.381	11.417	HH	5138	88017	0.37%	0.040%
246	11.434	11.417	11.451	HH	3941	69061	0.29%	0.031%

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Manual IntegrationsAPPROVED

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						Instrument :	
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rteres							
247	11.483	11.451	11.501	HH	5234	128325	0.54% 0.058%
248	11.534	11.501	11.582	HH	5185	213612	
249	11.603	11.582	11.621	HH	5757	110127	
250	11.630	11.621	11.666	HH	4016	94193	
251	11.686	11.666	11.702	HH	3413	66236	
252	11.747	11.702	11.765	HH	5071	155767	
253	11.801	11.765	11.824	HH	18124	311699	1.32% 0.141%
254	11.856	11.824	11.895	HH	15714	378682	1.60% 0.171%
255	11.917	11.895	11.961	HH	13278	315645	1.33% 0.143%
256	12.010	11.961	12.076	HH	93686	1538334	6.49% 0.695%
257	12.083	12.076	12.116	HH	6584	136235	0.57% 0.062%
258	12.145	12.116	12.187	HH	5853	224753	0.95% 0.102%
259	12.209	12.187	12.232	HH	6127	146738	0.62% 0.066%
260	12.260	12.232	12.283	HH	6613	171559	0.72% 0.078%
261	12.305	12.283	12.339	HH	8807	243036	1.03% 0.110%
262	12.389	12.339	12.416	HH	297014	3602458	15.20% 1.628%
263	12.444	12.416	12.470	HH	18556	337650	1.42% 0.153%
264	12.486	12.470	12.515	HH	7058	164522	0.69% 0.074%
265	12.540	12.515	12.564	HH	5659	152292	0.64% 0.069%
266	12.566	12.564	12.580	HH	5144	48703	0.21% 0.022%
267	12.610	12.580	12.624	HH	6228	139892	0.59% 0.063%
268	12.640	12.624	12.672	HH	6751	173865	0.73% 0.079%
269	12.675	12.672	12.692	HH	5488	62812	0.27% 0.028%
270	12.711	12.692	12.721	HH	6702	107022	0.45% 0.048%
271	12.740	12.721	12.784	HH	17170	337426	1.42% 0.152%
272	12.817	12.784	12.824	HH	9722	184122	0.78% 0.083%
273	12.834	12.824	12.850	HH	10065	141099	0.60% 0.064%
274	12.872	12.850	12.966	HH	37305	768960	3.24% 0.348%
275	12.996	12.966	13.010	HH	10832	207034	0.87% 0.094%
276	13.024	13.010	13.036	HH	11610	163588	0.69% 0.074%
277	13.072	13.036	13.090	HH	21973	483235	2.04% 0.218%
278	13.102	13.090	13.147	HH	15846	402417	1.70% 0.182%
279	13.162	13.147	13.185	HH	8039	170106	0.72% 0.077%
280	13.204	13.185	13.213	HH	7998	127367	0.54% 0.058%
281	13.235	13.213	13.290	HH	24600	558999	2.36% 0.253%
282	13.333	13.290	13.343	HH	8247	238847	1.01% 0.108%
283	13.352	13.343	13.385	HH	8398	189873	0.80% 0.086%
284	13.403	13.385	13.420	HH	9132	168598	0.71% 0.076%
285	13.437	13.420	13.461	HH	8033	177078	0.75% 0.080%
286	13.480	13.461	13.496	HH	7334	145113	0.61% 0.066%
287	13.533	13.496	13.549	HH	8764	249450	1.05% 0.113%
288	13.583	13.549	13.626	HH	262527	3502028	14.78% 1.583%
289	13.646	13.626	13.667	HH	7387	170398	0.72% 0.077%
290	13.676	13.667	13.714	HH	6897	182229	0.77% 0.082%
291	13.736	13.714	13.760	HH	7296	188929	0.80% 0.085%
292	13.778	13.760	13.782	HH	6751	86839	0.37% 0.039%
293	13.827	13.782	13.859	HH	7250	317831	1.34% 0.144%
294	13.865	13.859	13.871	HH	6796	47659	0.20% 0.022%
295	13.874	13.871	13.897	HH	6660	103861	0.44% 0.047%
296	13.941	13.897	13.959	HH	7917	265733	1.12% 0.120%
297	14.001	13.959	14.059	HH	13292	586295	2.47% 0.265%
298	14.081	14.059	14.114	HH	8498	262070	1.11% 0.118%
299	14.141	14.114	14.167	HH	20071	398211	1.68% 0.180%

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300	14.173	14.167	14.185	HH	8779	95342	0.40%	0.043%
301	14.202	14.185	14.220	HH	9815	186790		
302	14.242	14.220	14.284	HH	10957	332736		
303	14.306	14.284	14.329	HH	9220	223338		
304	14.343	14.329	14.353	HH	7673	109577		
305	14.373	14.353	14.418	HH	9341	332607		
306	14.424	14.418	14.442	HH	8224	115604	0.49%	0.052%
307	14.478	14.442	14.509	HH	159449	2336965	9.86%	1.056%
308	14.518	14.509	14.540	HH	10826	183209	0.77%	0.083%
309	14.562	14.540	14.595	HH	9375	289763	1.22%	0.131%
310	14.619	14.595	14.635	HH	14232	276590	1.17%	0.125%
311	14.681	14.635	14.709	HH	246806	3489507	14.72%	1.577%
312	14.724	14.709	14.753	HH	12668	270210	1.14%	0.122%
313	14.777	14.753	14.797	HH	9696	230869	0.97%	0.104%
314	14.806	14.797	14.857	HH	8486	293194	1.24%	0.133%
315	14.879	14.857	14.900	HH	8446	209681	0.88%	0.095%
316	14.931	14.900	14.937	HH	8678	190043	0.80%	0.086%
317	14.940	14.937	14.954	HH	8725	86167	0.36%	0.039%
318	14.959	14.954	14.985	HH	8870	162967	0.69%	0.074%
319	15.008	14.985	15.030	HH	8516	222338	0.94%	0.100%
320	15.074	15.030	15.150	HH	74315	2191376	9.25%	0.990%
321	15.153	15.150	15.170	HH	10663	121431	0.51%	0.055%
322	15.198	15.170	15.232	HH	23698	539079	2.27%	0.244%
323	15.260	15.232	15.280	HH	16313	369960	1.56%	0.167%
324	15.291	15.280	15.314	HH	10885	210961	0.89%	0.095%
325	15.319	15.314	15.357	HH	10483	247151	1.04%	0.112%
326	15.375	15.357	15.392	HH	9150	187652	0.79%	0.085%
327	15.427	15.392	15.433	HH	10093	238152	1.00%	0.108%
328	15.450	15.433	15.487	HH	10486	319891	1.35%	0.145%
329	15.519	15.487	15.537	HH	10081	290391	1.23%	0.131%
330	15.573	15.537	15.580	HH	9938	249742	1.05%	0.113%
331	15.605	15.580	15.642	HH	13773	436469	1.84%	0.197%
332	15.698	15.642	15.734	HH	229358	3399328	14.34%	1.536%
333	15.759	15.734	15.787	HH	15119	382900	1.62%	0.173%
334	15.793	15.787	15.807	HH	10093	122008	0.51%	0.055%
335	15.820	15.807	15.839	HH	10307	189434	0.80%	0.086%
336	15.883	15.839	15.909	HH	11058	438966	1.85%	0.198%
337	15.934	15.909	15.937	HH	10612	176847	0.75%	0.080%
338	15.940	15.937	15.944	HH	10600	41217	0.17%	0.019%
339	15.985	15.944	16.023	HH	11799	530132	2.24%	0.240%
340	16.031	16.023	16.035	HH	11339	84650	0.36%	0.038%
341	16.091	16.035	16.143	HH	38757	1358251	5.73%	0.614%
342	16.174	16.143	16.225	HH	32739	974749	4.11%	0.441%
343	16.248	16.225	16.282	HH	17752	487786	2.06%	0.220%
344	16.310	16.282	16.349	HH	14001	518074	2.19%	0.234%
345	16.372	16.349	16.388	HH	13060	297303	1.25%	0.134%
346	16.396	16.388	16.417	HH	12755	215171	0.91%	0.097%
347	16.459	16.417	16.474	HH	14176	455553	1.92%	0.206%
348	16.493	16.474	16.519	HH	19140	430152	1.81%	0.194%
349	16.553	16.519	16.595	HH	20332	756354	3.19%	0.342%
350	16.646	16.595	16.672	HH	225027	3472003	14.65%	1.569%
351	16.690	16.672	16.706	HH	34483	558621	2.36%	0.252%

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352	16.719	16.706	16.752	HH	27147	551277	2.33%	0.249%
353	16.767	16.752	16.781	HH	14874	252841		
354	16.804	16.781	16.813	HH	14943	284918		
355	16.829	16.813	16.842	HH	15136	257993		
356	16.848	16.842	16.851	HH	15072	77123		
357	16.870	16.851	16.902	HH	16481	482682		
358	16.925	16.902	16.933	HH	15831	290147	1.22%	0.131%
359	16.962	16.933	16.988	HH	18204	547954	2.31%	0.248%
360	17.030	16.988	17.067	HH	46097	1444222	6.09%	0.653%
361	17.089	17.067	17.124	HH	49406	1049505	4.43%	0.474%
362	17.128	17.124	17.134	HH	17060	99738	0.42%	0.045%
363	17.175	17.134	17.232	HH	20802	1078557	4.55%	0.487%
364	17.252	17.232	17.272	HH	18353	421005	1.78%	0.190%
365	17.296	17.272	17.323	HH	17961	538476	2.27%	0.243%
366	17.370	17.323	17.392	HH	18733	734755	3.10%	0.332%
367	17.414	17.392	17.423	HH	19068	347895	1.47%	0.157%
368	17.448	17.423	17.457	HH	19973	395237	1.67%	0.179%
369	17.529	17.457	17.571	HH	221283	4200563	17.72%	1.898%
370	17.612	17.571	17.639	HH	46962	1293498	5.46%	0.585%
371	17.656	17.639	17.671	HH	23644	449397	1.90%	0.203%
372	17.690	17.671	17.710	HH	24789	551434	2.33%	0.249%
373	17.748	17.710	17.780	HH	29351	1010995	4.27%	0.457%
374	17.839	17.780	17.867	HH	31666	1321788	5.58%	0.597%
375	17.902	17.867	17.931	HH	84529	2247540	9.48%	1.016%
376	17.946	17.931	17.994	HH	74360	1793580	7.57%	0.811%
377	18.012	17.994	18.025	HH	27452	502015	2.12%	0.227%
378	18.052	18.025	18.072	HH	29228	785572	3.31%	0.355%
379	18.090	18.072	18.135	HH	27418	947568	4.00%	0.428%
380	18.178	18.135	18.203	HH	30375	1094873	4.62%	0.495%
381	18.231	18.203	18.273	HH	35335	1227423	5.18%	0.555%
382	18.279	18.273	18.292	HH	26608	303111	1.28%	0.137%
383	18.358	18.292	18.397	HH	227719	4751713	20.05%	2.148%
384	18.424	18.397	18.440	HH	49354	1019799	4.30%	0.461%
385	18.457	18.440	18.469	HH	45909	739031	3.12%	0.334%
386	18.487	18.469	18.522	HH	45305	1311701	5.53%	0.593%
387	18.541	18.522	18.566	HH	39868	925017	3.90%	0.418%
388	18.580	18.566	18.594	HH	30890	505692	2.13%	0.229%
389	18.622	18.594	18.647	HH	74594	1548547	6.53%	0.700%
390	18.662	18.647	18.678	HH	36626	653644	2.76%	0.295%
391	18.721	18.678	18.733	HH	101479	2375542	10.02%	1.074%
392	18.750	18.733	18.802	HH	116408	3347458	14.12%	1.513%
393	18.829	18.802	18.855	HH	49407	1433840	6.05%	0.648%
394	18.874	18.855	18.930	HH	50978	1873026	7.90%	0.847%
395	18.953	18.930	18.969	HH	37441	825966	3.48%	0.373%
396	18.998	18.969	19.019	HH	48707	1305743	5.51%	0.590%
397	19.037	19.019	19.098	HH	48839	1878323	7.92%	0.849%
398	19.138	19.098	19.171	HH	178629	3604025	15.21%	1.629%
399	19.192	19.171	19.215	HH	55460	1204069	5.08%	0.544%
400	19.243	19.215	19.272	HH	47049	1412611	5.96%	0.638%
401	19.275	19.272	19.282	HH	36915	228704	0.96%	0.103%
402	19.304	19.282	19.323	HH	43370	976671	4.12%	0.441%
403	19.342	19.323	19.365	HH	40762	1000418	4.22%	0.452%
404	19.412	19.365	19.445	HH	48143	2011512	8.49%	0.909%

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405	19.472	19.445	19.490	HH	55264	1304544	5.50%	0.590%
406	19.511	19.490	19.583	HH	62746	2653546	11.04%	1.182%
407	19.606	19.583	19.625	HH	41043	1033653	15.03%	1.610%
408	19.643	19.625	19.677	HH	42579	1275475	2.11%	0.226%
409	19.712	19.677	19.724	HH	43336	1177549	1.98%	0.213%
410	19.746	19.724	19.757	HH	44783	879145	5.70%	0.611%
411	19.798	19.757	19.838	HH	79828	2616446	5.79%	0.620%
412	19.874	19.838	19.916	HH	154173	3563045	5.64%	0.604%
413	19.922	19.916	19.935	HH	42446	501089	4.45%	0.477%
414	19.940	19.935	19.954	HH	42318	470353	3.45%	0.370%
415	19.985	19.954	20.005	HH	45127	1351612	3.46%	0.371%
416	20.026	20.005	20.057	HH	45451	1372269	5.40%	0.579%
417	20.095	20.057	20.108	HH	44284	1337342	4.90%	0.525%
418	20.135	20.108	20.147	HH	45973	1054741	7.97%	0.854%
419	20.163	20.147	20.176	HH	47076	818550	7.05%	0.756%
420	20.192	20.176	20.205	HH	48081	820673	1.08%	0.116%
421	20.230	20.205	20.248	HH	51191	1280126	5.40%	0.579%
422	20.261	20.248	20.287	HH	51476	1161860	4.90%	0.525%
423	20.317	20.287	20.352	HH	50072	1889224	7.97%	0.854%
424	20.389	20.352	20.408	HH	50010	1672070	7.05%	0.756%
425	20.413	20.408	20.417	HH	48662	256698	1.08%	0.116%
426	20.437	20.417	20.445	HH	49670	837882	3.54%	0.379%
427	20.449	20.445	20.460	HH	49879	432189	1.82%	0.195%
428	20.489	20.460	20.507	HH	51234	1419806	5.99%	0.642%
429	20.511	20.507	20.539	HH	50636	962295	4.06%	0.435%
430	20.581	20.539	20.621	HH	136912	3871422	16.33%	1.750%
431	20.625	20.621	20.637	HH	49271	473978	2.00%	0.214%
432	20.653	20.637	20.662	HH	49706	743583	3.14%	0.336%
433	20.676	20.662	20.680	HH	49867	516783	2.18%	0.234%
434	20.684	20.680	20.688	HH	50062	239352	1.01%	0.108%
435	20.690	20.688	20.694	HH	49935	188539	0.80%	0.085%
436	20.697	20.694	20.704	HH	49942	294167	1.24%	0.133%
437	20.721	20.704	20.739	HH	50144	1058139	4.46%	0.478%
438	20.757	20.739	20.762	HH	50413	697083	2.94%	0.315%
439	20.795	20.762	20.844	HH	51342	2460718	10.38%	1.112%
440	20.871	20.844	20.883	HH	49715	1167712	4.93%	0.528%
441	20.889	20.883	20.897	HH	49266	406278	1.71%	0.184%
442	20.909	20.897	20.920	HH	49163	685446	2.89%	0.310%
443	20.974	20.920	20.994	HH	52626	2252922	9.51%	1.018%
444	21.066	20.994	21.100	HH	55854	3440228	14.51%	1.555%
445	21.327	21.100	21.373	HH	298106	23701756	100.00%	10.712%
446	21.410	21.373	21.513	HH	113923	5534619	23.35%	2.501%
447	21.549	21.513	21.588	HH	49440	2191122	9.24%	0.990%
448	21.599	21.588	21.611	HH	48862	690056	2.91%	0.312%
449	21.619	21.611	21.624	HH	48727	365683	1.54%	0.165%
450	21.627	21.624	21.632	HH	48703	252936	1.07%	0.114%
451	21.639	21.632	21.684	HH	48615	1475733	6.23%	0.667%
452	21.688	21.684	21.691	HH	47573	205433	0.87%	0.093%
453	21.694	21.691	21.718	HH	47620	777478	3.28%	0.351%
454	21.723	21.718	21.729	HH	47452	298303	1.26%	0.135%
455	21.733	21.729	21.739	HH	47315	286429	1.21%	0.129%
456	21.744	21.739	21.749	HH	47279	296936	1.25%	0.134%

Instrument :

FID_F

ClientSampleId :

WASTEMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2021

Supervised By :mohammad ahmed 12/22/2021

rteres
 457 21.754 21.749 21.758 HH 47183 232322 0.98% 0.105%
 458 21.779 21.758 21.800 HHA 47363 1236736 5
 Sum of corrected areas: 2212

FF121521.M Tue Dec 21 19:15:19 2021

Instrument :
 FID_F
 ClientSampleId :
 WASTEMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2021
 Supervised By :mohammad ahmed 12/22/2021