

Instrument :
FID_F
ClientSampleId :
MW-22-20210921-1-2

rteres

Area Percent Report

Manual Integrations
APPROVED

mohammad
9/24/2021 2:23:53 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092321\
Data File : FF008995.D
Signal(s) : FID2B.ch
Acq On : 23 Sep 2021 14:42
Sample : M3861-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090721.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.352	2.330	2.357	BH	29	-382	-0.00%	-0.000%
2	2.360	2.357	2.365	PH	-35	-209	-0.00%	-0.000%
3	2.377	2.365	2.406	PH	779	5007	0.03%	0.000%
4	2.409	2.406	2.415	PH	41	-221	-0.00%	-0.000%
5	2.426	2.415	2.439	PH	33	-105	-0.00%	-0.000%
6	2.441	2.439	2.473	PH	40	-680	-0.00%	-0.000%
7	2.476	2.473	2.487	PH	16	-741	-0.00%	-0.000%
8	2.510	2.487	2.523	PH	5	-1525	-0.01%	-0.000%
9	2.546	2.523	2.556	PH	631	4352	0.02%	0.000%
10	2.564	2.556	2.599	HH	531	7757	0.04%	0.001%
11	2.612	2.599	2.633	HH	765	6278	0.03%	0.001%
12	2.646	2.633	2.656	HH	343	3011	0.02%	0.000%
13	2.669	2.656	2.701	HH	490	6723	0.04%	0.001%
14	2.709	2.701	2.727	HH	220	2029	0.01%	0.000%
15	2.739	2.727	2.746	HH	172	1738	0.01%	0.000%
16	2.748	2.746	2.768	HH	153	1641	0.01%	0.000%
17	2.772	2.768	2.778	HH	193	777	0.00%	0.000%
18	2.783	2.778	2.797	HH	234	1233	0.01%	0.000%
19	2.802	2.797	2.816	HH	135	843	0.00%	0.000%
20	2.838	2.816	2.863	HH	226	2997	0.02%	0.000%
21	2.874	2.863	2.900	PH	116	898	0.00%	0.000%
22	2.907	2.900	2.913	HH	119	418	0.00%	0.000%
23	2.930	2.913	2.963	PH	659	9626	0.05%	0.001%
24	2.966	2.963	2.987	HH	201	1487	0.01%	0.000%
25	3.004	2.987	3.051	HH	303	5847	0.03%	0.001%
26	3.066	3.051	3.086	HH	223	3042	0.02%	0.000%
27	3.110	3.086	3.122	HH	363	5430	0.03%	0.000%
28	3.127	3.122	3.134	HH	187	930	0.01%	0.000%
29	3.157	3.134	3.181	HH	796	8404	0.05%	0.001%
30	3.195	3.181	3.211	PH	683	2888	0.02%	0.000%
31	3.216	3.211	3.242	PH	58	569	0.00%	0.000%
32	3.251	3.242	3.274	PH	59	-557	-0.00%	-0.000%
33	3.295	3.274	3.313	PH	240	1982	0.01%	0.000%
34	3.324	3.313	3.366	PH	291	3730	0.02%	0.000%
35	3.372	3.366	3.376	PH	44	91	0.00%	0.000%
36	3.380	3.376	3.390	PH	90	168	0.00%	0.000%

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37	3.403	3.390	3.419	PH	621	4668	0.03%	0.000%
38	3.426	3.419	3.434	PH	42	101	0.00%	0.000%
39	3.437	3.434	3.472	PH	19	-2081	-0.01%	-0.000%
40	3.476	3.472	3.481	PH	-108	-643	-0.00%	-0.000%
41	3.492	3.481	3.504	PH	-20	-1002	-0.01%	-0.000%
42	3.506	3.504	3.523	PH	-9	-837	-0.00%	-0.000%
43	3.528	3.523	3.558	PH	3	-1265	-0.01%	-0.000%
44	3.566	3.558	3.581	PH	51	-767	-0.00%	-0.000%
45	3.606	3.581	3.620	PH	77	-467	-0.00%	-0.000%
46	3.625	3.620	3.646	PH	-51	-1703	-0.01%	-0.000%
47	3.679	3.646	3.720	PH	95	-2822	-0.02%	-0.000%
48	3.736	3.720	3.748	PH	29	-1675	-0.01%	-0.000%
49	3.777	3.748	3.817	PH	168	-2069	-0.01%	-0.000%
50	3.821	3.817	3.829	PH	-120	-1066	-0.01%	-0.000%
51	3.850	3.829	3.864	PH	-55	-2654	-0.01%	-0.000%
52	3.904	3.864	3.916	PH	158	-337	-0.00%	-0.000%
53	3.924	3.916	3.935	PH	27	-867	-0.00%	-0.000%
54	3.948	3.935	3.967	PH	-14	-2250	-0.01%	-0.000%
55	3.985	3.967	4.033	PH	191	-1782	-0.01%	-0.000%
56	4.037	4.033	4.041	PH	-128	-913	-0.00%	-0.000%
57	4.047	4.041	4.052	PH	-154	-1159	-0.01%	-0.000%
58	4.072	4.052	4.077	PH	752	5065	0.03%	0.000%
59	4.089	4.077	4.150	HH	833	13941	0.08%	0.001%
60	4.166	4.150	4.195	PH	116	-381	-0.00%	-0.000%
61	4.199	4.195	4.204	PH	-91	-548	-0.00%	-0.000%
62	4.240	4.204	4.260	PH	367	2284	0.01%	0.000%
63	4.274	4.260	4.307	HH	367	4835	0.03%	0.000%
64	4.311	4.307	4.370	PH	116	-693	-0.00%	-0.000%
65	4.375	4.370	4.413	PH	-22	-1703	-0.01%	-0.000%
66	4.415	4.413	4.420	PH	40	-121	-0.00%	-0.000%
67	4.429	4.420	4.440	PH	-5	-458	-0.00%	-0.000%
68	4.446	4.440	4.454	PH	-32	-640	-0.00%	-0.000%
69	4.472	4.454	4.502	PH	1344	10309	0.06%	0.001%
70	4.522	4.502	4.540	PH	207	858	0.00%	0.000%
71	4.548	4.540	4.561	PH	164	520	0.00%	0.000%
72	4.568	4.561	4.605	PH	111	135	0.00%	0.000%
73	4.622	4.605	4.658	PH	1260	12378	0.07%	0.001%
74	4.676	4.658	4.686	PH	199	1560	0.01%	0.000%
75	4.696	4.686	4.718	HH	348	2987	0.02%	0.000%
76	4.725	4.718	4.742	PH	192	588	0.00%	0.000%
77	4.760	4.742	4.798	PH	242	-766	-0.00%	-0.000%
78	4.824	4.798	4.836	PH	224	505	0.00%	0.000%
79	4.858	4.836	4.874	PH	320	2070	0.01%	0.000%
80	4.899	4.874	4.920	PH	54	-1755	-0.01%	-0.000%
81	4.929	4.920	4.939	PH	-117	-1756	-0.01%	-0.000%
82	4.955	4.939	4.998	PH	39	-5602	-0.03%	-0.000%
83	5.004	4.998	5.009	PH	-127	-1209	-0.01%	-0.000%
84	5.026	5.009	5.045	PH	92	-962	-0.01%	-0.000%
85	5.065	5.045	5.094	PH	349	3247	0.02%	0.000%
86	5.102	5.094	5.138	PH	101	-1333	-0.01%	-0.000%
87	5.163	5.138	5.182	PH	179	-125	-0.00%	-0.000%
88	5.197	5.182	5.204	PH	248	1122	0.01%	0.000%
89	5.219	5.204	5.235	HH	268	2201	0.01%	0.000%

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90	5.240	5.235	5.264	PH	9	-1628	-0.01%	-0.000%
91	5.282	5.264	5.311	PH	42	-1601	-0.01%	-0.000%
92	5.330	5.311	5.380	PH	1090	11640	0.06%	0.001%
93	5.407	5.380	5.438	PH	518	4887	0.03%	0.000%
94	5.447	5.438	5.451	PH	42	-25	-0.00%	-0.000%
95	5.456	5.451	5.482	PH	61	-1288	-0.01%	-0.000%
96	5.486	5.482	5.492	PH	-118	-938	-0.01%	-0.000%
97	5.510	5.492	5.525	PH	346	1823	0.01%	0.000%
98	5.548	5.525	5.563	PH	640	4534	0.02%	0.000%
99	5.577	5.563	5.605	PH	534	3860	0.02%	0.000%
100	5.607	5.605	5.636	PH	24	-268	-0.00%	-0.000%
101	5.639	5.636	5.654	PH	95	-82	-0.00%	-0.000%
102	5.678	5.654	5.696	PH	1533	16547	0.09%	0.001%
103	5.702	5.696	5.717	HH	600	5976	0.03%	0.001%
104	5.728	5.717	5.738	HH	706	5661	0.03%	0.000%
105	5.749	5.738	5.777	HH	490	7372	0.04%	0.001%
106	5.794	5.777	5.799	HH	230	2283	0.01%	0.000%
107	5.810	5.799	5.841	HH	231	2424	0.01%	0.000%
108	5.853	5.841	5.873	PH	169	604	0.00%	0.000%
109	5.886	5.873	5.897	PH	187	1467	0.01%	0.000%
110	5.920	5.897	5.948	HH	408	5893	0.03%	0.001%
111	5.963	5.948	5.979	PH	152	2000	0.01%	0.000%
112	5.993	5.979	6.019	HH	498	7725	0.04%	0.001%
113	6.035	6.019	6.052	HH	1152	15895	0.09%	0.001%
114	6.067	6.052	6.097	HH	3225	41167	0.22%	0.004%
115	6.117	6.097	6.152	HH	12892	177901	0.97%	0.016%
116	6.164	6.152	6.185	HH	2488	39500	0.21%	0.003%
117	6.209	6.185	6.226	HH	2199	41488	0.23%	0.004%
118	6.235	6.226	6.244	HH	1379	14270	0.08%	0.001%
119	6.253	6.244	6.270	HH	1436	19399	0.11%	0.002%
120	6.274	6.270	6.292	HH	1181	13786	0.07%	0.001%
121	6.305	6.292	6.319	HH	1473	19320	0.10%	0.002%
122	6.335	6.319	6.363	HH	2834	43642	0.24%	0.004%
123	6.375	6.363	6.388	HH	1210	16401	0.09%	0.001%
124	6.418	6.388	6.437	HH	1819	42212	0.23%	0.004%
125	6.455	6.437	6.468	HH	2352	32673	0.18%	0.003%
126	6.485	6.468	6.523	HH	2427	50741	0.28%	0.004%
127	6.527	6.523	6.532	HH	1030	5363	0.03%	0.000%
128	6.549	6.532	6.573	HH	2077	34799	0.19%	0.003%
129	6.590	6.573	6.619	HH	2387	49053	0.27%	0.004%
130	6.633	6.619	6.641	HH	2303	27727	0.15%	0.002%
131	6.651	6.641	6.667	HH	2393	32991	0.18%	0.003%
132	6.690	6.667	6.708	HH	2629	49298	0.27%	0.004%
133	6.716	6.708	6.722	HH	1411	10503	0.06%	0.001%
134	6.724	6.722	6.729	HH	1305	5736	0.03%	0.001%
135	6.759	6.729	6.784	HH	2949	61424	0.33%	0.005%
136	6.826	6.784	6.842	HH	2969	75277	0.41%	0.007%
137	6.863	6.842	6.878	HH	3074	53783	0.29%	0.005%
138	6.898	6.878	6.914	HH	3218	57574	0.31%	0.005%
139	6.928	6.914	6.939	HH	2778	37062	0.20%	0.003%
140	6.960	6.939	6.975	HH	4632	77899	0.42%	0.007%
141	6.991	6.975	7.006	HH	4431	68572	0.37%	0.006%

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142	7.021	7.006	7.029	HH	4186	54642	0.30%	0.005%
143	7.058	7.029	7.078	HH	5017	126188	0.68%	0.011%
144	7.090	7.078	7.095	HH	3645	36434	0.20%	0.003%
145	7.113	7.095	7.129	HH	4608	83176	0.45%	0.007%
146	7.150	7.129	7.169	HH	6056	119855	0.65%	0.011%
147	7.207	7.169	7.238	HH	6230	218009	1.18%	0.019%
148	7.250	7.238	7.264	HH	4670	65833	0.36%	0.006%
149	7.297	7.264	7.313	HH	7272	166728	0.90%	0.015%
150	7.326	7.313	7.359	HH	6649	157037	0.85%	0.014%
151	7.387	7.359	7.398	HH	6894	139372	0.76%	0.012%
152	7.406	7.398	7.420	HH	7033	88914	0.48%	0.008%
153	7.434	7.420	7.448	HH	7792	114334	0.62%	0.010%
154	7.460	7.448	7.475	HH	7455	112333	0.61%	0.010%
155	7.491	7.475	7.499	HH	8326	115381	0.63%	0.010%
156	7.505	7.499	7.520	HH	8173	96042	0.52%	0.008%
157	7.547	7.520	7.557	HH	8778	174159	0.95%	0.015%
158	7.574	7.557	7.580	HH	10216	130295	0.71%	0.011%
159	7.595	7.580	7.624	HH	10940	256260	1.39%	0.022%
160	7.638	7.624	7.658	HH	8327	163732	0.89%	0.014%
161	7.677	7.658	7.687	HH	11454	170325	0.92%	0.015%
162	7.709	7.687	7.738	HH	22448	462204	2.51%	0.040%
163	7.758	7.738	7.780	HH	11137	270718	1.47%	0.024%
164	7.802	7.780	7.822	HH	13243	290000	1.57%	0.025%
165	7.851	7.822	7.885	HH	20004	611588	3.32%	0.054%
166	7.896	7.885	7.917	HH	16988	294108	1.60%	0.026%
167	7.930	7.917	7.936	HH	13733	147663	0.80%	0.013%
168	7.988	7.936	8.006	HH	20073	720514	3.91%	0.063%
169	8.028	8.006	8.074	HH	41541	1007413	5.47%	0.088%
170	8.096	8.074	8.114	HH	24099	497072	2.70%	0.044%
171	8.133	8.114	8.148	HH	23992	433007	2.35%	0.038%
172	8.172	8.148	8.200	HH	31406	814543	4.42%	0.071%
173	8.215	8.200	8.227	HH	26471	400676	2.17%	0.035%
174	8.241	8.227	8.248	HH	25315	305675	1.66%	0.027%
175	8.280	8.248	8.289	HH	30492	684204	3.71%	0.060%
176	8.302	8.289	8.317	HH	30146	494219	2.68%	0.043%
177	8.327	8.317	8.342	HH	28292	408504	2.22%	0.036%
178	8.372	8.342	8.386	HH	33392	784132	4.26%	0.069%
179	8.399	8.386	8.412	HH	31089	485672	2.64%	0.043%
180	8.451	8.412	8.488	HH	94942	2192771	11.90%	0.192%
181	8.504	8.488	8.519	HH	35731	621078	3.37%	0.054%
182	8.551	8.519	8.571	HH	51231	1377370	7.47%	0.121%
183	8.575	8.571	8.602	HH	42520	701498	3.81%	0.061%
184	8.634	8.602	8.652	HH	43427	1192652	6.47%	0.104%
185	8.681	8.652	8.705	HH	76437	1800389	9.77%	0.158%
186	8.717	8.705	8.727	HH	50615	648679	3.52%	0.057%
187	8.747	8.727	8.768	HH	129586	2059811	11.18%	0.180%
188	8.785	8.768	8.795	HH	72421	1015243	5.51%	0.089%
189	8.811	8.795	8.835	HH	113623	1925628	10.45%	0.169%
190	8.853	8.835	8.874	HH	57111	1255155	6.81%	0.110%
191	8.916	8.874	8.931	HH	71899	2146553	11.65%	0.188%
192	8.945	8.931	8.955	HH	70421	991649	5.38%	0.087%
193	8.966	8.955	8.980	HH	67777	973711	5.28%	0.085%
194	8.984	8.980	8.999	HH	65003	709944	3.85%	0.062%

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195	9.032	8.999	9.064	HH	88285	2819868	15.30%	0.247%
196	9.076	9.064	9.083	HH	69117	754531	4.09%	0.066%
197	9.089	9.083	9.112	HH	68856	1195270	6.49%	0.105%
198	9.124	9.112	9.136	HH	66751	915852	4.97%	0.080%
199	9.150	9.136	9.164	HH	73902	1182184	6.42%	0.104%
200	9.182	9.164	9.222	HH	82847	2643900	14.35%	0.232%
201	9.248	9.222	9.252	HH	74184	1305795	7.09%	0.114%
202	9.267	9.252	9.282	HH	77653	1369449	7.43%	0.120%
203	9.320	9.282	9.345	HH	91164	3136286	17.02%	0.275%
204	9.351	9.345	9.374	HH	88213	1446611	7.85%	0.127%
205	9.422	9.374	9.449	HH	124186	4546628	24.67%	0.398%
206	9.477	9.449	9.486	HH	124729	2325849	12.62%	0.204%
207	9.503	9.486	9.533	HH	195545	3848400	20.88%	0.337%
208	9.557	9.533	9.569	HH	123282	2363586	12.83%	0.207%
209	9.583	9.569	9.601	HH	127200	2233569	12.12%	0.196%
210	9.613	9.601	9.624	HH	109606	1501235	8.15%	0.132%
211	9.640	9.624	9.652	HH	115148	1881504	10.21%	0.165%
212	9.671	9.652	9.690	HH	118312	2563640	13.91%	0.225%
213	9.706	9.690	9.717	HH	117493	1822324	9.89%	0.160%
214	9.726	9.717	9.747	HH	118799	2068649	11.23%	0.181%
215	9.789	9.747	9.813	HH	126691	4634447	25.15%	0.406%
216	9.832	9.813	9.841	HH	126958	2067383	11.22%	0.181%
217	9.856	9.841	9.872	HH	128076	2323025	12.61%	0.204%
218	9.907	9.872	9.924	HH	133985	4027872	21.86%	0.353%
219	9.940	9.924	9.952	HH	135041	2225397	12.08%	0.195%
220	9.985	9.952	10.000	HH	143791	3979123	21.59%	0.349%
221	10.007	10.000	10.026	HH	139053	2092065	11.35%	0.183%
222	10.059	10.026	10.072	HH	154467	4015424	21.79%	0.352%
223	10.087	10.072	10.109	HH	153753	3293823	17.87%	0.289%
224	10.127	10.109	10.140	HH	157125	2900832	15.74%	0.254%
225	10.157	10.140	10.177	HH	164238	3463283	18.79%	0.303%
226	10.196	10.177	10.216	HH	168385	3795151	20.59%	0.333%
227	10.236	10.216	10.247	HH	167879	3125424	16.96%	0.274%
228	10.277	10.247	10.294	HH	201351	5149294	27.94%	0.451%
229	10.311	10.294	10.329	HH	195188	3806646	20.66%	0.334%
230	10.358	10.329	10.388	HH	199170	6936464	37.64%	0.608%
231	10.420	10.388	10.446	HH	204802	6752733	36.64%	0.592%
232	10.491	10.446	10.501	HH	204876	6452561	35.02%	0.565%
233	10.521	10.501	10.527	HH	208878	3282522	17.81%	0.288%
234	10.536	10.527	10.555	HH	216299	3477807	18.87%	0.305%
235	10.560	10.555	10.576	HH	211998	2654553	14.41%	0.233%
236	10.581	10.576	10.584	HH	201764	958647	5.20%	0.084%
237	10.601	10.584	10.614	HH	217861	3772872	20.47%	0.331%
238	10.625	10.614	10.630	HH	222107	2110251	11.45%	0.185%
239	10.650	10.630	10.663	HH	241190	4644826	25.21%	0.407%
240	10.694	10.663	10.719	HH	268969	8300045	45.04%	0.727%
241	10.733	10.719	10.748	HH	257388	4317351	23.43%	0.378%
242	10.752	10.748	10.778	HH	245668	4342275	23.56%	0.380%
243	10.802	10.778	10.807	HH	241066	4169544	22.63%	0.365%
244	10.831	10.807	10.845	HH	256157	5631103	30.56%	0.493%
245	10.885	10.845	10.927	HH	287825	12967305	70.37%	1.136%
246	10.958	10.927	10.972	HH	285228	7364943	39.97%	0.645%

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247	10.981	10.972	10.993	HH	270327	3270096	17.75%	0.287%
248	11.015	10.993	11.032	HH	281026	6510733	35.33%	0.570%
249	11.057	11.032	11.079	HH	282379	7706107	41.82%	0.675%
250	11.108	11.079	11.124	HH	302365	7797794	42.32%	0.683%
251	11.133	11.124	11.142	HH	293896	3048638	16.54%	0.267%
252	11.163	11.142	11.168	HH	305607	4686567	25.43%	0.411%
253	11.179	11.168	11.184	HH	306013	2943632	15.97%	0.258%
254	11.192	11.184	11.224	HH	306044	7083570	38.44%	0.621%
255	11.233	11.224	11.245	HH	299700	3892263	21.12%	0.341%
256	11.261	11.245	11.270	HH	310398	4504538	24.44%	0.395%
257	11.289	11.270	11.294	HH	316910	4532361	24.60%	0.397%
258	11.308	11.294	11.347	HH	323568	9874991	53.59%	0.865%
259	11.369	11.347	11.378	HH	308772	5641687	30.62%	0.494%
260	11.413	11.378	11.456	HH	367445	15248951	82.75%	1.336%
261	11.479	11.456	11.507	HH	323286	9595242	52.07%	0.841%
262	11.529	11.507	11.537	HH	322722	5718636	31.03%	0.501%
263	11.571	11.537	11.593	HH	329816	10849073	58.87%	0.951%
264	11.601	11.593	11.603	HH	322393	1912367	10.38%	0.168%
265	11.614	11.603	11.619	HH	331161	3030280	16.44%	0.265%
266	11.631	11.619	11.649	HH	336398	5959743	32.34%	0.522%
267	11.659	11.649	11.674	HH	330391	4941610	26.82%	0.433%
268	11.680	11.674	11.682	HH	319310	1482871	8.05%	0.130%
269	11.698	11.682	11.702	HH	353644	4145586	22.50%	0.363%
270	11.709	11.702	11.732	HH	350395	6050672	32.83%	0.530%
271	11.741	11.732	11.759	HH	337917	5438518	29.51%	0.476%
272	11.798	11.759	11.815	HH	360895	11602846	62.96%	1.017%
273	11.839	11.815	11.858	HH	370777	9190890	49.88%	0.805%
274	11.876	11.858	11.891	HH	360491	6894582	37.41%	0.604%
275	11.896	11.891	11.928	HH	348128	7511841	40.76%	0.658%
276	11.955	11.928	11.971	HH	378778	9155312	49.68%	0.802%
277	11.980	11.971	11.994	HH	369376	5044254	27.37%	0.442%
278	12.002	11.994	12.014	HH	353681	4215717	22.88%	0.369%
279	12.017	12.014	12.036	HH	352785	4483448	24.33%	0.393%
280	12.068	12.036	12.076	HH	347083	7964074	43.22%	0.698%
281	12.080	12.076	12.087	HH	343481	2388738	12.96%	0.209%
282	12.109	12.087	12.115	HH	353667	5739522	31.15%	0.503%
283	12.121	12.115	12.126	HH	352381	2346316	12.73%	0.206%
284	12.132	12.126	12.138	HH	350654	2568995	13.94%	0.225%
285	12.144	12.138	12.185	HH	350837	9487025	51.48%	0.831%
286	12.197	12.185	12.202	HH	333587	3422983	18.58%	0.300%
287	12.250	12.202	12.289	HH	406653	18427688	100.00%	1.615%
288	12.310	12.289	12.331	HH	357033	8732496	47.39%	0.765%
289	12.334	12.331	12.354	HH	340921	4728478	25.66%	0.414%
290	12.373	12.354	12.394	HH	345437	7881813	42.77%	0.691%
291	12.404	12.394	12.424	HH	350183	6245511	33.89%	0.547%
292	12.430	12.424	12.455	HH	337790	5995919	32.54%	0.525%
293	12.490	12.455	12.503	HH	341615	9394216	50.98%	0.823%
294	12.507	12.503	12.532	HH	328055	5611596	30.45%	0.492%
295	12.544	12.532	12.554	HH	328363	4259578	23.12%	0.373%
296	12.559	12.554	12.563	HH	325128	1762793	9.57%	0.154%
297	12.566	12.563	12.570	HH	325131	1400319	7.60%	0.123%
298	12.577	12.570	12.587	HH	329265	3310296	17.96%	0.290%
299	12.598	12.587	12.620	HH	330914	6388499	34.67%	0.560%

Instrument :
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MW-22-20210921-1-2

Manual Integrations
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MW-22-20210921-1-2

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9/24/2021 2:23:53 PM

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300	12.629	12.620	12.644	HH	320125	4639387	25.18% 0.406%
301	12.659	12.644	12.670	HH	318615	4913924	26.67% 0.431%
302	12.678	12.670	12.682	HH	314420	2203518	11.96% 0.193%
303	12.707	12.682	12.739	HH	368477	11448485	62.13% 1.003%
304	12.750	12.739	12.792	HH	324256	10012573	54.33% 0.877%
305	12.798	12.792	12.817	HH	300344	4369748	23.71% 0.383%
306	12.826	12.817	12.832	HH	300760	2791369	15.15% 0.245%
307	12.835	12.832	12.854	HH	302874	3887285	21.09% 0.341%
308	12.861	12.854	12.887	HH	301670	5842676	31.71% 0.512%
309	12.910	12.887	12.928	HH	305674	7269635	39.45% 0.637%
310	12.955	12.928	12.980	HH	296397	9214831	50.01% 0.807%
311	13.005	12.980	13.029	HH	337948	8951805	48.58% 0.784%
312	13.054	13.029	13.075	HH	299412	8069531	43.79% 0.707%
313	13.093	13.075	13.112	HH	291794	6344878	34.43% 0.556%
314	13.133	13.112	13.145	HH	287424	5492779	29.81% 0.481%
315	13.166	13.145	13.175	HH	281138	5052166	27.42% 0.443%
316	13.194	13.175	13.230	HH	287730	9259512	50.25% 0.811%
317	13.237	13.230	13.242	HH	272336	1918737	10.41% 0.168%
318	13.258	13.242	13.278	HH	279792	5898623	32.01% 0.517%
319	13.293	13.278	13.305	HH	278498	4380657	23.77% 0.384%
320	13.309	13.305	13.316	HH	275468	1856337	10.07% 0.163%
321	13.324	13.316	13.364	HH	278928	7785534	42.25% 0.682%
322	13.375	13.364	13.377	HH	263257	2056166	11.16% 0.180%
323	13.384	13.377	13.391	HH	265537	2147091	11.65% 0.188%
324	13.397	13.391	13.405	HH	270115	2299977	12.48% 0.202%
325	13.421	13.405	13.444	HH	271474	6177265	33.52% 0.541%
326	13.474	13.444	13.496	HH	288072	8397039	45.57% 0.736%
327	13.512	13.496	13.544	HH	263302	7513807	40.77% 0.658%
328	13.552	13.544	13.561	HH	263835	2594761	14.08% 0.227%
329	13.565	13.561	13.574	HH	261141	2071192	11.24% 0.181%
330	13.579	13.574	13.586	HH	257544	1870282	10.15% 0.164%
331	13.594	13.586	13.612	HH	256664	3932423	21.34% 0.345%
332	13.628	13.612	13.652	HH	254520	5940528	32.24% 0.520%
333	13.661	13.652	13.673	HH	249993	3025867	16.42% 0.265%
334	13.678	13.673	13.680	HH	246480	1085626	5.89% 0.095%
335	13.695	13.680	13.716	HH	254172	5291296	28.71% 0.464%
336	13.741	13.716	13.768	HH	247737	7534076	40.88% 0.660%
337	13.783	13.768	13.806	HH	237125	5368989	29.14% 0.470%
338	13.819	13.806	13.830	HH	238046	3395000	18.42% 0.297%
339	13.843	13.830	13.862	HH	238309	4545819	24.67% 0.398%
340	13.872	13.862	13.877	HH	236588	2143203	11.63% 0.188%
341	13.887	13.877	13.907	HH	236175	4080925	22.15% 0.358%
342	13.916	13.907	13.931	HH	230752	3241523	17.59% 0.284%
343	13.946	13.931	13.951	HH	224826	2675852	14.52% 0.234%
344	13.957	13.951	13.966	HH	223984	2000966	10.86% 0.175%
345	13.980	13.966	13.986	HH	224708	2684953	14.57% 0.235%
346	13.989	13.986	14.023	HH	226030	4855393	26.35% 0.425%
347	14.058	14.023	14.092	HH	236709	9179633	49.81% 0.804%
348	14.114	14.092	14.126	HH	218235	4341467	23.56% 0.380%
349	14.129	14.126	14.156	HH	215129	3756622	20.39% 0.329%
350	14.158	14.156	14.175	HH	208597	2378336	12.91% 0.208%
351	14.206	14.175	14.240	HH	207176	7894002	42.84% 0.692%

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352	14.248	14.240	14.269	HH	201595	3432392	18.63%	0.301%
353	14.281	14.269	14.291	HH	198223	2667331	14.47%	0.234%
354	14.297	14.291	14.321	HH	200595	3531230	19.16%	0.309%
355	14.342	14.321	14.366	HH	205738	5279346	28.65%	0.463%
356	14.371	14.366	14.376	HH	187455	1114864	6.05%	0.098%
357	14.388	14.376	14.414	HH	189770	4295137	23.31%	0.376%
358	14.429	14.414	14.434	HH	189928	2215249	12.02%	0.194%
359	14.450	14.434	14.468	HH	208166	4050125	21.98%	0.355%
360	14.472	14.468	14.493	HH	191114	2885229	15.66%	0.253%
361	14.516	14.493	14.550	HH	196235	6376304	34.60%	0.559%
362	14.561	14.550	14.566	HH	180909	1730930	9.39%	0.152%
363	14.571	14.566	14.599	HH	180178	3462031	18.79%	0.303%
364	14.602	14.599	14.610	HH	173464	1064673	5.78%	0.093%
365	14.617	14.610	14.622	HH	172642	1311857	7.12%	0.115%
366	14.647	14.622	14.681	HH	180387	6078837	32.99%	0.533%
367	14.684	14.681	14.696	HH	169034	1499479	8.14%	0.131%
368	14.720	14.696	14.760	HH	270855	7659395	41.56%	0.671%
369	14.765	14.760	14.779	HH	161412	1862951	10.11%	0.163%
370	14.781	14.779	14.797	HH	160631	1733589	9.41%	0.152%
371	14.816	14.797	14.842	HH	162638	4222499	22.91%	0.370%
372	14.878	14.842	14.904	HH	175785	5899712	32.02%	0.517%
373	14.920	14.904	14.947	HH	176059	4110608	22.31%	0.360%
374	14.968	14.947	14.978	HH	153387	2793710	15.16%	0.245%
375	14.984	14.978	15.020	HH	149647	3693800	20.04%	0.324%
376	15.041	15.020	15.049	HH	144996	2504588	13.59%	0.219%
377	15.071	15.049	15.112	HH	154603	5421446	29.42%	0.475%
378	15.118	15.112	15.126	HH	136737	1082793	5.88%	0.095%
379	15.131	15.126	15.141	HH	134555	1183283	6.42%	0.104%
380	15.146	15.141	15.161	HH	132624	1582739	8.59%	0.139%
381	15.179	15.161	15.221	HH	134804	4751317	25.78%	0.416%
382	15.234	15.221	15.256	HH	129278	2715272	14.73%	0.238%
383	15.267	15.256	15.273	HH	127404	1270487	6.89%	0.111%
384	15.277	15.273	15.286	HH	125794	981518	5.33%	0.086%
385	15.309	15.286	15.351	HH	159799	5300472	28.76%	0.464%
386	15.369	15.351	15.398	HH	126558	3464957	18.80%	0.304%
387	15.409	15.398	15.415	HH	121064	1242957	6.75%	0.109%
388	15.438	15.415	15.442	HH	122533	1991113	10.81%	0.174%
389	15.461	15.442	15.486	HH	130329	3266479	17.73%	0.286%
390	15.490	15.486	15.509	HH	118238	1579052	8.57%	0.138%
391	15.514	15.509	15.535	HH	115638	1831033	9.94%	0.160%
392	15.551	15.535	15.567	HH	117320	2194460	11.91%	0.192%
393	15.595	15.567	15.622	HH	116473	3687719	20.01%	0.323%
394	15.638	15.622	15.653	HH	109880	1980280	10.75%	0.174%
395	15.676	15.653	15.683	HH	110626	1985837	10.78%	0.174%
396	15.689	15.683	15.694	HH	111986	741652	4.02%	0.065%
397	15.706	15.694	15.736	HH	112382	2721949	14.77%	0.238%
398	15.748	15.736	15.807	HH	111779	4602245	24.97%	0.403%
399	15.823	15.807	15.836	HH	106008	1838351	9.98%	0.161%
400	15.841	15.836	15.869	HH	106641	2058512	11.17%	0.180%
401	15.873	15.869	15.884	HH	101729	906680	4.92%	0.079%
402	15.894	15.884	15.911	HH	100990	1607582	8.72%	0.141%
403	15.915	15.911	15.926	HH	100589	908305	4.93%	0.080%
404	15.944	15.926	15.956	HH	104195	1844098	10.01%	0.162%

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MW-22-20210921-1-2

Manual Integrations
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9/24/2021 2:23:53 PM

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MW-22-20210921-1-2

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9/24/2021 2:23:53 PM

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405	15.974	15.956	16.010	HH	106231	3272199	17.76%	0.287%
406	16.016	16.010	16.023	HH	97038	740869	4.02%	0.065%
407	16.044	16.023	16.066	HH	99334	2525090	13.70%	0.221%
408	16.077	16.066	16.083	HH	96109	955682	5.19%	0.084%
409	16.098	16.083	16.119	HH	96179	2028603	11.01%	0.178%
410	16.141	16.119	16.145	HH	100643	1564579	8.49%	0.137%
411	16.157	16.145	16.189	HH	103394	2598517	14.10%	0.228%
412	16.195	16.189	16.204	HH	93475	846120	4.59%	0.074%
413	16.252	16.204	16.259	HH	104160	3209542	17.42%	0.281%
414	16.261	16.259	16.286	HH	102839	1573748	8.54%	0.138%
415	16.293	16.286	16.301	HH	95705	854139	4.64%	0.075%
416	16.320	16.301	16.363	HH	104749	3629575	19.70%	0.318%
417	16.368	16.363	16.380	HH	92655	974662	5.29%	0.085%
418	16.386	16.380	16.392	HH	92490	669792	3.63%	0.059%
419	16.434	16.392	16.453	HH	119599	3746587	20.33%	0.328%
420	16.460	16.453	16.487	HH	100897	1946351	10.56%	0.171%
421	16.500	16.487	16.517	HH	90767	1606654	8.72%	0.141%
422	16.522	16.517	16.528	HH	90035	567734	3.08%	0.050%
423	16.534	16.528	16.540	HH	90149	685836	3.72%	0.060%
424	16.564	16.540	16.602	HH	98989	3465773	18.81%	0.304%
425	16.605	16.602	16.620	HH	90985	967486	5.25%	0.085%
426	16.642	16.620	16.648	HH	91862	1535969	8.34%	0.135%
427	16.655	16.648	16.671	HH	91099	1202370	6.52%	0.105%
428	16.677	16.671	16.684	HH	88915	710401	3.86%	0.062%
429	16.721	16.684	16.736	HH	93474	2813774	15.27%	0.247%
430	16.753	16.736	16.793	HH	106825	3247139	17.62%	0.284%
431	16.812	16.793	16.858	HH	101971	3478010	18.87%	0.305%
432	16.885	16.858	16.901	HH	90463	2248109	12.20%	0.197%
433	16.925	16.901	16.954	HH	99274	2982546	16.19%	0.261%
434	16.959	16.954	16.980	HH	85836	1275073	6.92%	0.112%
435	16.994	16.980	17.005	HH	84223	1278802	6.94%	0.112%
436	17.024	17.005	17.060	HH	84304	2711861	14.72%	0.238%
437	17.081	17.060	17.085	HH	83997	1248532	6.78%	0.109%
438	17.121	17.085	17.130	HH	86613	2296369	12.46%	0.201%
439	17.148	17.130	17.188	HH	92435	2938385	15.95%	0.257%
440	17.218	17.188	17.250	HH	89685	3144816	17.07%	0.276%
441	17.261	17.250	17.281	HH	82604	1518165	8.24%	0.133%
442	17.290	17.281	17.305	HH	80730	1131874	6.14%	0.099%
443	17.323	17.305	17.357	HH	87534	2553090	13.85%	0.224%
444	17.368	17.357	17.376	HH	75923	839636	4.56%	0.074%
445	17.390	17.376	17.407	HH	78199	1416441	7.69%	0.124%
446	17.420	17.407	17.429	HH	76398	1009576	5.48%	0.088%
447	17.432	17.429	17.438	HH	75441	378959	2.06%	0.033%
448	17.469	17.438	17.504	HH	82973	3076578	16.70%	0.270%
449	17.508	17.504	17.539	HH	73405	1518960	8.24%	0.133%
450	17.550	17.539	17.557	HH	72629	791900	4.30%	0.069%
451	17.559	17.557	17.575	HH	72429	732236	3.97%	0.064%
452	17.579	17.575	17.585	HH	69913	423596	2.30%	0.037%
453	17.620	17.585	17.632	HH	72129	1997547	10.84%	0.175%
454	17.637	17.632	17.664	HH	70794	1342770	7.29%	0.118%
455	17.689	17.664	17.733	HH	74590	2921865	15.86%	0.256%
456	17.735	17.733	17.743	HH	69536	406469	2.21%	0.036%

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457	17.766	17.743	17.816	HH	75430	3111839	16.89%	0.273%
458	17.825	17.816	17.849	HH	66647	1303921	7.08%	0.114%
459	17.856	17.849	17.879	HH	67376	1193592	6.48%	0.105%
460	17.900	17.879	17.908	HH	67308	1145148	6.21%	0.100%
461	17.937	17.908	17.955	HH	81350	2100590	11.40%	0.184%
462	17.963	17.955	18.009	HH	75847	2257243	12.25%	0.198%
463	18.021	18.009	18.031	HH	63996	815097	4.42%	0.071%
464	18.039	18.031	18.051	HH	63659	752737	4.08%	0.066%
465	18.056	18.051	18.066	HH	61478	549449	2.98%	0.048%
466	18.088	18.066	18.114	HH	65462	1835874	9.96%	0.161%
467	18.138	18.114	18.164	HH	77426	2118041	11.49%	0.186%
468	18.181	18.164	18.220	HH	75430	2273311	12.34%	0.199%
469	18.226	18.220	18.234	HH	60299	499416	2.71%	0.044%
470	18.238	18.234	18.251	HH	58796	583176	3.16%	0.051%
471	18.258	18.251	18.278	HH	59847	978130	5.31%	0.086%
472	18.304	18.278	18.327	HH	74253	1939460	10.52%	0.170%
473	18.338	18.327	18.398	HH	62445	2457934	13.34%	0.215%
474	18.403	18.398	18.410	HH	54640	394007	2.14%	0.035%
475	18.434	18.410	18.500	HH	67734	3141608	17.05%	0.275%
476	18.513	18.500	18.531	HH	54598	982992	5.33%	0.086%
477	18.535	18.531	18.540	HH	52673	306816	1.66%	0.027%
478	18.566	18.540	18.572	HH	56862	1017778	5.52%	0.089%
479	18.592	18.572	18.630	HH	58954	1917789	10.41%	0.168%
480	18.634	18.630	18.657	HH	50818	816243	4.43%	0.072%
481	18.665	18.657	18.669	HH	51772	377107	2.05%	0.033%
482	18.675	18.669	18.686	HH	51888	519540	2.82%	0.046%
483	18.720	18.686	18.741	HH	57503	1780508	9.66%	0.156%
484	18.773	18.741	18.792	HH	60312	1704058	9.25%	0.149%
485	18.814	18.792	18.839	HH	66741	1623379	8.81%	0.142%
486	18.862	18.839	18.883	HH	50265	1301502	7.06%	0.114%
487	18.888	18.883	18.892	HH	48914	274764	1.49%	0.024%
488	18.902	18.892	18.908	HH	48989	463937	2.52%	0.041%
489	18.915	18.908	18.921	HH	48935	380642	2.07%	0.033%
490	18.967	18.921	18.974	HH	54087	1620453	8.79%	0.142%
491	18.978	18.974	19.033	HH	52862	1797241	9.75%	0.157%
492	19.051	19.033	19.091	HH	50418	1669186	9.06%	0.146%
493	19.115	19.091	19.159	HH	48742	1950172	10.58%	0.171%
494	19.180	19.159	19.191	HH	45615	866958	4.70%	0.076%
495	19.197	19.191	19.222	HH	45271	834871	4.53%	0.073%
496	19.231	19.222	19.255	HH	44797	877588	4.76%	0.077%
497	19.306	19.255	19.327	HH	44458	1873870	10.17%	0.164%
498	19.336	19.327	19.345	HH	43065	451554	2.45%	0.040%
499	19.347	19.345	19.354	HH	43017	237538	1.29%	0.021%
500	19.379	19.354	19.408	HH	46246	1437824	7.80%	0.126%
501	19.428	19.408	19.470	HH	45198	1617653	8.78%	0.142%
502	19.486	19.470	19.507	HH	44340	955174	5.18%	0.084%
503	19.521	19.507	19.549	HH	43795	1079928	5.86%	0.095%
504	19.591	19.549	19.614	HH	46015	1691181	9.18%	0.148%
505	19.621	19.614	19.627	HH	41615	314526	1.71%	0.028%
506	19.656	19.627	19.687	HH	46158	1590717	8.63%	0.139%
507	19.693	19.687	19.697	HH	41582	248098	1.35%	0.022%
508	19.704	19.697	19.717	HH	41770	474921	2.58%	0.042%
509	19.751	19.717	19.774	HH	48223	1548263	8.40%	0.136%

Instrument :
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ClientSampleId :
MW-22-20210921-1-2

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510	19.783	19.774	19.808	HH	42881	850424	4.61%	0.075%
511	19.815	19.808	19.837	HH	41315	695157	3.77%	0.061%
512	19.852	19.837	19.862	HH	39912	587024	3.19%	0.051%
513	19.870	19.862	19.897	HH	39735	829474	4.50%	0.073%
514	19.902	19.897	19.911	HH	38758	311324	1.69%	0.027%
515	19.969	19.911	20.010	HH	44761	2458633	13.34%	0.215%
516	20.034	20.010	20.091	HH	40447	1921098	10.43%	0.168%
517	20.112	20.091	20.143	HH	40116	1198350	6.50%	0.105%
518	20.147	20.143	20.159	HH	37992	357071	1.94%	0.031%
519	20.164	20.159	20.173	HH	38102	322063	1.75%	0.028%
520	20.177	20.173	20.185	HH	37820	281938	1.53%	0.025%
521	20.194	20.185	20.200	HH	37918	326308	1.77%	0.029%
522	20.208	20.200	20.271	HH	38465	1601171	8.69%	0.140%
523	20.297	20.271	20.306	HH	37306	782476	4.25%	0.069%
524	20.310	20.306	20.321	HH	37317	330112	1.79%	0.029%
525	20.335	20.321	20.348	HH	37220	590428	3.20%	0.052%
526	20.352	20.348	20.377	HH	37144	646667	3.51%	0.057%
527	20.384	20.377	20.424	HH	37261	1017827	5.52%	0.089%
528	20.447	20.424	20.458	HH	36019	721578	3.92%	0.063%
529	20.476	20.458	20.507	HH	36942	1077948	5.85%	0.094%
530	20.513	20.507	20.550	HH	35364	879144	4.77%	0.077%
531	20.557	20.550	20.564	HH	34322	295989	1.61%	0.026%
532	20.603	20.564	20.609	HH	36114	940363	5.10%	0.082%
533	20.612	20.609	20.696	HH	35933	1741461	9.45%	0.153%
534	20.702	20.696	20.708	HH	32557	234533	1.27%	0.021%
535	20.716	20.708	20.739	HH	33165	609345	3.31%	0.053%
536	20.745	20.739	20.764	HH	32001	473939	2.57%	0.042%
537	20.788	20.764	20.829	HH	31734	1219831	6.62%	0.107%
538	20.850	20.829	20.916	HH	32580	1611819	8.75%	0.141%
539	20.924	20.916	20.936	HH	29851	361911	1.96%	0.032%
540	20.942	20.936	20.946	HH	29390	169325	0.92%	0.015%
541	20.947	20.946	20.952	HH	29371	110874	0.60%	0.010%
542	20.977	20.952	20.982	HH	29675	537897	2.92%	0.047%
543	20.994	20.982	21.029	HH	29703	821034	4.46%	0.072%
544	21.043	21.029	21.057	HH	29046	487000	2.64%	0.043%
545	21.081	21.057	21.127	HH	28520	1173876	6.37%	0.103%
546	21.155	21.127	21.180	HH	28210	882072	4.79%	0.077%
547	21.184	21.180	21.217	HH	27765	618940	3.36%	0.054%
548	21.224	21.217	21.230	HH	27025	198467	1.08%	0.017%
549	21.248	21.230	21.259	HH	27265	471401	2.56%	0.041%
550	21.276	21.259	21.320	HH	28226	1013183	5.50%	0.089%
551	21.348	21.320	21.353	HH	27579	524637	2.85%	0.046%
552	21.372	21.353	21.396	HH	27923	707235	3.84%	0.062%
553	21.401	21.396	21.441	HH	26924	718799	3.90%	0.063%
554	21.450	21.441	21.476	HH	26131	533756	2.90%	0.047%
555	21.478	21.476	21.501	HH	25307	376826	2.04%	0.033%
556	21.516	21.501	21.526	HH	25018	374136	2.03%	0.033%
557	21.538	21.526	21.552	HH	25381	398347	2.16%	0.035%
558	21.557	21.552	21.566	HH	24869	205913	1.12%	0.018%
559	21.593	21.566	21.632	HH	24933	963170	5.23%	0.084%
560	21.638	21.632	21.652	HH	24045	296100	1.61%	0.026%
561	21.678	21.652	21.726	HH	24868	1065565	5.78%	0.093%

Instrument :
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ClientSampleId :
MW-22-20210921-1-2

562 21.768 21.726 21.847 HH 25908 1787885 9.70% 0.157%
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Sum of corrected areas: 1141371299

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