

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031619\
Data File : FF003855.D
Signal(s) : FID2B.ch
Acq On : 15 Mar 2019 15:59
Operator : AJ\SJ
Sample : K1908-03
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
101-102

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Integration File: autoint1.e
Quant Time: Mar 15 22:56:15 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030119.M
Quant Title :
QLast Update : Mon Mar 04 08:35:38 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.589	2169933	15.585 ug/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
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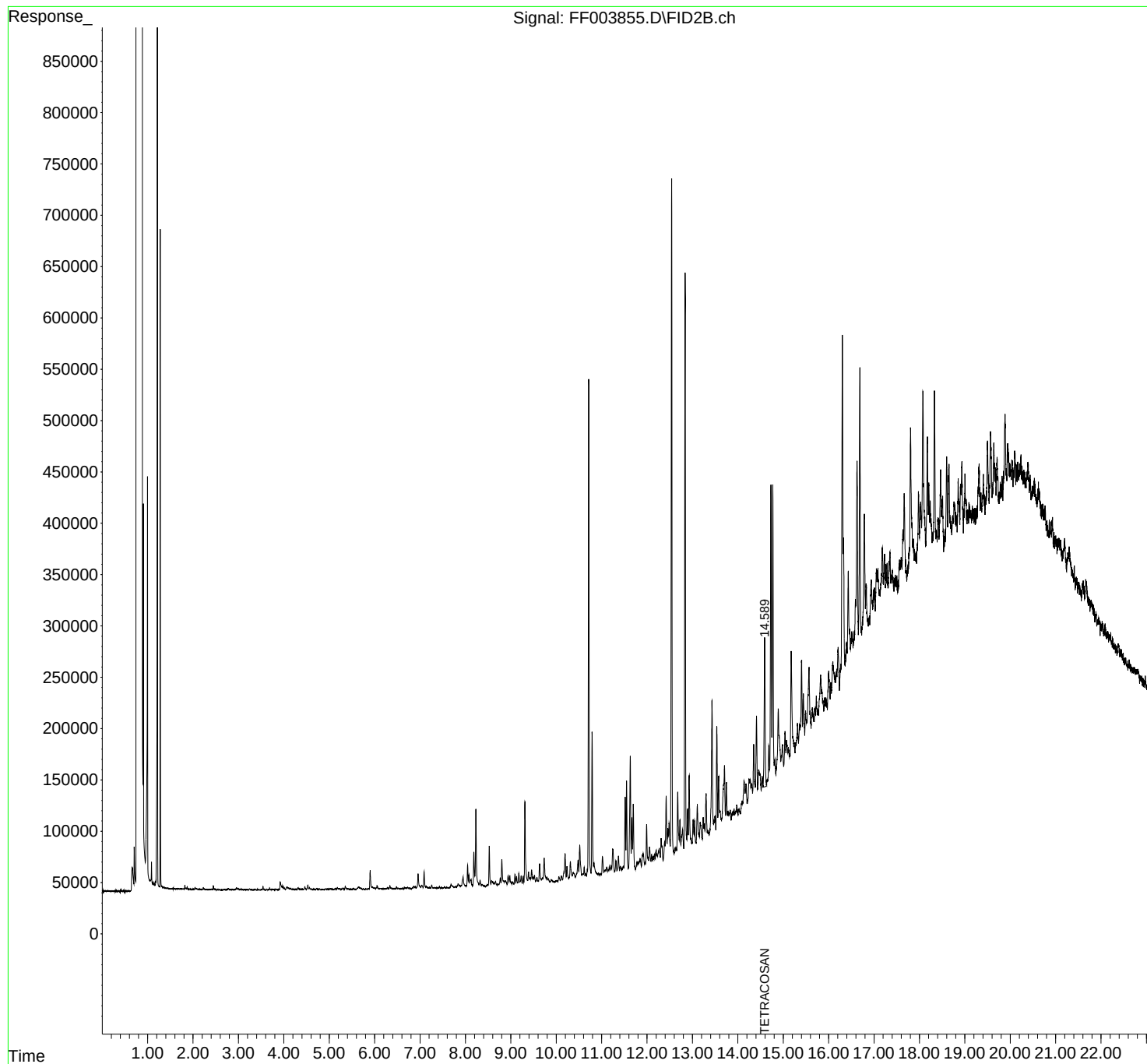
Instrument :
FID_F
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101-102

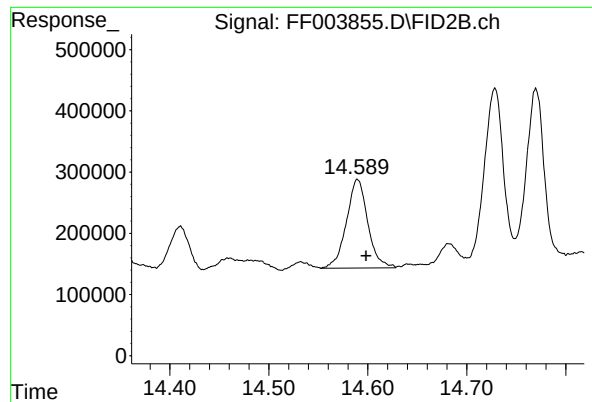
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Integration File: autoint1.e
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.589 min
Delta R.T.: -0.009 min
Response: 2169933
Conc: 15.59 ug/ml m

Instrument :
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ClientSampleId :
101-102

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Instrument :
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Area Percent Report

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031619\
Data File : FF003855.D
Signal(s) : FID2B.ch
Acq On : 15 Mar 2019 15:59
Sample : K1908-03
Misc :
ALS Vial : 57 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030119.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.227	2.202	2.314	BH	1909	19086	0.09%	0.001%
2	2.328	2.314	2.334	PH	-20	-895	-0.00%	-0.000%
3	2.342	2.334	2.347	PH	-33	-540	-0.00%	-0.000%
4	2.353	2.347	2.360	PH	-61	-444	-0.00%	-0.000%
5	2.367	2.360	2.386	PH	-4	-794	-0.00%	-0.000%
6	2.403	2.386	2.435	PH	481	3913	0.02%	0.000%
7	2.447	2.435	2.479	PH	3612	30760	0.14%	0.002%
8	2.494	2.479	2.509	PH	729	4791	0.02%	0.000%
9	2.515	2.509	2.528	PH	-126	-3212	-0.01%	-0.000%
10	2.549	2.528	2.565	PH	214	-4502	-0.02%	-0.000%
11	2.579	2.565	2.609	PH	-128	-7782	-0.04%	-0.001%
12	2.614	2.609	2.632	PH	-307	-5346	-0.02%	-0.000%
13	2.636	2.632	2.641	PH	-353	-2126	-0.01%	-0.000%
14	2.645	2.641	2.652	PH	-385	-2755	-0.01%	-0.000%
15	2.684	2.652	2.755	PH	203	-13934	-0.06%	-0.001%
16	2.782	2.755	2.806	PH	869	9016	0.04%	0.001%
17	2.808	2.806	2.827	PH	-49	-1980	-0.01%	-0.000%
18	2.835	2.827	2.851	PH	-110	-2691	-0.01%	-0.000%
19	2.877	2.851	2.894	PH	134	-1536	-0.01%	-0.000%
20	2.899	2.894	2.915	PH	-209	-3088	-0.01%	-0.000%
21	2.953	2.915	2.978	PH	1326	14914	0.07%	0.001%
22	2.993	2.978	3.026	HH	1151	11454	0.05%	0.001%
23	3.033	3.026	3.038	PH	-8	-439	-0.00%	-0.000%
24	3.060	3.038	3.119	PH	258	-3875	-0.02%	-0.000%
25	3.123	3.119	3.130	PH	-211	-1624	-0.01%	-0.000%
26	3.134	3.130	3.144	PH	-253	-2414	-0.01%	-0.000%
27	3.177	3.144	3.189	PH	-106	-5910	-0.03%	-0.000%
28	3.195	3.189	3.200	PH	-149	-1496	-0.01%	-0.000%
29	3.205	3.200	3.209	PH	-190	-1202	-0.01%	-0.000%
30	3.214	3.209	3.222	PH	-139	-1624	-0.01%	-0.000%
31	3.244	3.222	3.317	PH	748	-5708	-0.03%	-0.000%
32	3.346	3.317	3.352	PH	-330	-8643	-0.04%	-0.001%
33	3.363	3.352	3.377	PH	-62	-3680	-0.02%	-0.000%
34	3.388	3.377	3.414	PH	-296	-8014	-0.04%	-0.001%
35	3.418	3.414	3.423	PH	-210	-1364	-0.01%	-0.000%
36	3.426	3.423	3.435	PH	-197	-2163	-0.01%	-0.000%

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37	3.446	3.435	3.469	PH	-263	-7428	-0.03%	-0.001%
38	3.481	3.469	3.491	PH	-336	-5114	-0.02%	-0.000%
39	3.508	3.491	3.524	PH	-22	-3861	-0.02%	-0.000%
40	3.541	3.524	3.567	PH	3054	20796	0.10%	0.001%
41	3.570	3.567	3.589	PH	-186	-4736	-0.02%	-0.000%
42	3.596	3.589	3.599	PH	-464	-2974	-0.01%	-0.000%
43	3.617	3.599	3.656	PH	510	-3344	-0.02%	-0.000%
44	3.688	3.656	3.720	PH	1197	2180	0.01%	0.000%
45	3.740	3.720	3.751	PH	80	-2193	-0.01%	-0.000%
46	3.759	3.751	3.767	PH	-145	-1967	-0.01%	-0.000%
47	3.780	3.767	3.802	PH	322	-2096	-0.01%	-0.000%
48	3.823	3.802	3.856	PH	454	-38	-0.00%	-0.000%
49	3.860	3.856	3.872	PH	-149	-2416	-0.01%	-0.000%
50	3.920	3.872	3.963	PH	7319	136630	0.63%	0.009%
51	3.974	3.963	3.994	HH	3557	43070	0.20%	0.003%
52	4.006	3.994	4.039	HH	1446	22268	0.10%	0.002%
53	4.075	4.039	4.104	HH	2538	60176	0.28%	0.004%
54	4.115	4.104	4.142	HH	1177	19870	0.09%	0.001%
55	4.152	4.142	4.202	HH	870	13025	0.06%	0.001%
56	4.225	4.202	4.246	HH	356	4629	0.02%	0.000%
57	4.267	4.246	4.291	HH	352	4393	0.02%	0.000%
58	4.314	4.291	4.340	HH	1844	20059	0.09%	0.001%
59	4.353	4.340	4.369	HH	636	6034	0.03%	0.000%
60	4.384	4.369	4.404	HH	322	3703	0.02%	0.000%
61	4.412	4.404	4.440	HH	318	2538	0.01%	0.000%
62	4.463	4.440	4.495	PH	2778	30504	0.14%	0.002%
63	4.528	4.495	4.556	HH	4209	61167	0.28%	0.004%
64	4.567	4.556	4.584	HH	1624	16713	0.08%	0.001%
65	4.592	4.584	4.614	HH	638	6590	0.03%	0.000%
66	4.619	4.614	4.634	HH	259	2224	0.01%	0.000%
67	4.644	4.634	4.659	HH	294	1579	0.01%	0.000%
68	4.687	4.659	4.699	PH	317	3418	0.02%	0.000%
69	4.717	4.699	4.752	HH	773	10796	0.05%	0.001%
70	4.780	4.752	4.814	PH	847	9562	0.04%	0.001%
71	4.840	4.814	4.858	PH	167	17	0.00%	0.000%
72	4.869	4.858	4.892	PH	122	-1079	-0.00%	-0.000%
73	4.908	4.892	4.913	PH	488	2701	0.01%	0.000%
74	4.926	4.913	4.943	HH	463	6889	0.03%	0.000%
75	4.957	4.943	4.981	HH	659	7728	0.04%	0.001%
76	4.997	4.981	5.017	HH	584	8212	0.04%	0.001%
77	5.030	5.017	5.042	HH	565	6307	0.03%	0.000%
78	5.057	5.042	5.099	HH	621	8692	0.04%	0.001%
79	5.120	5.099	5.131	PH	713	6823	0.03%	0.000%
80	5.147	5.131	5.161	HH	625	8938	0.04%	0.001%
81	5.178	5.161	5.226	HH	1452	29318	0.14%	0.002%
82	5.237	5.226	5.260	HH	724	8144	0.04%	0.001%
83	5.272	5.260	5.281	HH	155	1903	0.01%	0.000%
84	5.301	5.281	5.336	HH	1592	19963	0.09%	0.001%
85	5.354	5.336	5.397	HH	3123	46505	0.21%	0.003%
86	5.407	5.397	5.453	HH	665	12433	0.06%	0.001%
87	5.471	5.453	5.514	PH	311	5258	0.02%	0.000%
88	5.532	5.514	5.588	HH	1190	18018	0.08%	0.001%
89	5.636	5.588	5.641	PH	2081	32416	0.15%	0.002%

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					rt	Area	Area%	Height
90	5.652	5.641	5.671	HH	2709	37559	0.17%	0.003%
91	5.684	5.671	5.713	HH	1788	30525	0.14%	0.002%
92	5.723	5.713	5.736	HH	588	6301	0.03%	0.000%
93	5.746	5.736	5.785	HH	458	8145	0.04%	0.001%
94	5.807	5.785	5.827	PH	706	9098	0.04%	0.001%
95	5.858	5.827	5.878	HH	957	15911	0.07%	0.001%
96	5.901	5.878	5.938	HH	18530	242514	1.12%	0.016%
97	5.950	5.938	5.978	HH	2801	48486	0.22%	0.003%
98	5.994	5.978	6.013	HH	1824	28176	0.13%	0.002%
99	6.056	6.013	6.099	HH	3716	80607	0.37%	0.005%
100	6.116	6.099	6.126	HH	1246	14891	0.07%	0.001%
101	6.137	6.126	6.152	HH	1066	14095	0.06%	0.001%
102	6.172	6.152	6.179	HH	845	11402	0.05%	0.001%
103	6.184	6.179	6.196	HH	895	8253	0.04%	0.001%
104	6.210	6.196	6.240	HH	944	20382	0.09%	0.001%
105	6.255	6.240	6.271	HH	1047	16621	0.08%	0.001%
106	6.288	6.271	6.317	HH	1975	36177	0.17%	0.002%
107	6.336	6.317	6.359	HH	3640	51318	0.24%	0.003%
108	6.368	6.359	6.384	HH	1279	15577	0.07%	0.001%
109	6.395	6.384	6.410	HH	883	12054	0.06%	0.001%
110	6.421	6.410	6.433	HH	861	10752	0.05%	0.001%
111	6.455	6.433	6.466	HH	832	14264	0.07%	0.001%
112	6.482	6.466	6.503	HH	2796	36029	0.17%	0.002%
113	6.521	6.503	6.544	HH	1307	23604	0.11%	0.002%
114	6.553	6.544	6.567	HH	832	9195	0.04%	0.001%
115	6.611	6.567	6.631	HH	1348	32633	0.15%	0.002%
116	6.653	6.631	6.673	HH	2007	35406	0.16%	0.002%
117	6.686	6.673	6.700	HH	1481	21113	0.10%	0.001%
118	6.731	6.700	6.752	HH	2083	46537	0.21%	0.003%
119	6.774	6.752	6.810	HH	1267	37174	0.17%	0.003%
120	6.860	6.810	6.877	HH	2896	73867	0.34%	0.005%
121	6.891	6.877	6.918	HH	2957	56280	0.26%	0.004%
122	6.957	6.918	7.014	HH	15372	305732	1.41%	0.021%
123	7.036	7.014	7.067	HH	4282	97193	0.45%	0.007%
124	7.088	7.067	7.124	HH	17268	242721	1.12%	0.016%
125	7.134	7.124	7.173	HH	2695	64769	0.30%	0.004%
126	7.181	7.173	7.193	HH	1920	20433	0.09%	0.001%
127	7.207	7.193	7.229	HH	1849	35652	0.16%	0.002%
128	7.257	7.229	7.290	HH	4390	85665	0.39%	0.006%
129	7.317	7.290	7.360	HH	1958	66976	0.31%	0.005%
130	7.382	7.360	7.409	HH	1702	45442	0.21%	0.003%
131	7.429	7.409	7.455	HH	2497	51121	0.24%	0.003%
132	7.473	7.455	7.499	HH	1947	44309	0.20%	0.003%
133	7.539	7.499	7.566	HH	2458	73536	0.34%	0.005%
134	7.587	7.566	7.611	HH	1977	45366	0.21%	0.003%
135	7.619	7.611	7.641	HH	1892	29671	0.14%	0.002%
136	7.683	7.641	7.762	HH	4908	215211	0.99%	0.014%
137	7.779	7.762	7.802	HH	2873	59057	0.27%	0.004%
138	7.839	7.802	7.869	HH	5129	153642	0.71%	0.010%
139	7.879	7.869	7.891	HH	3802	46881	0.22%	0.003%
140	7.904	7.891	7.913	HH	3919	47824	0.22%	0.003%
141	7.948	7.913	7.997	HH	12141	335432	1.54%	0.023%

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142	8.011	7.997	8.016	HH	3747	40858	0.19%	0.003%
143	8.048	8.016	8.065	HH	23974	332435	1.53%	0.022%
144	8.077	8.065	8.096	HH	14439	197725	0.91%	0.013%
145	8.123	8.096	8.156	HH	9701	254462	1.17%	0.017%
146	8.185	8.156	8.207	HH	36523	521382	2.40%	0.035%
147	8.230	8.207	8.303	HH	78556	1247642	5.75%	0.084%
148	8.323	8.303	8.351	HH	8941	178394	0.82%	0.012%
149	8.372	8.351	8.442	HH	4587	205281	0.95%	0.014%
150	8.482	8.442	8.492	HH	4462	111601	0.51%	0.008%
151	8.525	8.492	8.560	HH	42482	602959	2.78%	0.041%
152	8.577	8.560	8.629	HH	8716	280407	1.29%	0.019%
153	8.663	8.629	8.685	HH	7986	212740	0.98%	0.014%
154	8.691	8.685	8.702	HH	4697	47237	0.22%	0.003%
155	8.717	8.702	8.732	HH	5621	91470	0.42%	0.006%
156	8.768	8.732	8.784	HH	11326	226587	1.04%	0.015%
157	8.802	8.784	8.834	HH	29477	465673	2.14%	0.031%
158	8.839	8.834	8.853	HH	8614	91619	0.42%	0.006%
159	8.872	8.853	8.921	HH	8515	297903	1.37%	0.020%
160	8.940	8.921	8.962	HH	13381	249294	1.15%	0.017%
161	8.978	8.962	9.022	HH	13742	306237	1.41%	0.021%
162	9.041	9.022	9.067	HH	7649	171224	0.79%	0.012%
163	9.092	9.067	9.110	HH	14688	243826	1.12%	0.016%
164	9.126	9.110	9.154	HH	12992	235705	1.09%	0.016%
165	9.176	9.154	9.198	HH	15752	272313	1.25%	0.018%
166	9.228	9.198	9.252	HH	13054	294633	1.36%	0.020%
167	9.270	9.252	9.287	HH	12670	199676	0.92%	0.013%
168	9.310	9.287	9.370	HH	85479	1393749	6.42%	0.094%
169	9.390	9.370	9.421	HH	17224	378724	1.74%	0.026%
170	9.432	9.421	9.441	HH	11400	124767	0.57%	0.008%
171	9.458	9.441	9.479	HH	19040	333735	1.54%	0.022%
172	9.491	9.479	9.505	HH	12246	171333	0.79%	0.012%
173	9.520	9.505	9.544	HH	13782	259673	1.20%	0.017%
174	9.574	9.544	9.609	HH	11735	355905	1.64%	0.024%
175	9.634	9.609	9.672	HH	25335	553027	2.55%	0.037%
176	9.693	9.672	9.705	HH	11020	205764	0.95%	0.014%
177	9.735	9.705	9.781	HH	30492	771033	3.55%	0.052%
178	9.795	9.781	9.812	HH	12231	209476	0.96%	0.014%
179	9.826	9.812	9.861	HH	10708	267223	1.23%	0.018%
180	9.892	9.861	9.924	HH	9536	316519	1.46%	0.021%
181	9.936	9.924	9.958	HH	7952	154119	0.71%	0.010%
182	10.004	9.958	10.036	HH	8650	371644	1.71%	0.025%
183	10.057	10.036	10.088	HH	12348	320491	1.48%	0.022%
184	10.113	10.088	10.135	HH	13209	311327	1.43%	0.021%
185	10.195	10.135	10.218	HH	34851	916473	4.22%	0.062%
186	10.235	10.218	10.272	HH	22589	511715	2.36%	0.034%
187	10.311	10.272	10.352	HH	27272	796736	3.67%	0.054%
188	10.374	10.352	10.416	HH	16843	564225	2.60%	0.038%
189	10.480	10.416	10.495	HH	28453	861929	3.97%	0.058%
190	10.517	10.495	10.559	HH	43284	1021846	4.71%	0.069%
191	10.586	10.559	10.599	HH	15550	354922	1.63%	0.024%
192	10.615	10.599	10.634	HH	21842	368216	1.70%	0.025%
193	10.648	10.634	10.667	HH	15280	281471	1.30%	0.019%
194	10.683	10.667	10.689	HH	19695	220819	1.02%	0.015%

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3/18/2019 11:46:01 AM

					rt	Area	Area%	Height
195	10.715	10.689	10.766	HH	497978	6051580	27.87%	0.408%
196	10.789	10.766	10.819	HH	153434	2101370	9.68%	0.142%
197	10.831	10.819	10.914	HH	25165	1063641	4.90%	0.072%
198	10.931	10.914	10.958	HH	15325	396286	1.83%	0.027%
199	10.975	10.958	10.994	HH	15415	319878	1.47%	0.022%
200	11.018	10.994	11.049	HH	32032	750767	3.46%	0.051%
201	11.077	11.049	11.091	HH	18963	455538	2.10%	0.031%
202	11.114	11.091	11.132	HH	21659	492914	2.27%	0.033%
203	11.143	11.132	11.153	HH	19434	238781	1.10%	0.016%
204	11.169	11.153	11.187	HH	22604	414969	1.91%	0.028%
205	11.206	11.187	11.221	HH	23090	429053	1.98%	0.029%
206	11.248	11.221	11.283	HH	39225	1052673	4.85%	0.071%
207	11.314	11.283	11.339	HH	28174	718797	3.31%	0.048%
208	11.370	11.339	11.393	HH	32837	797594	3.67%	0.054%
209	11.412	11.393	11.435	HH	22463	524954	2.42%	0.035%
210	11.447	11.435	11.456	HH	20397	247536	1.14%	0.017%
211	11.477	11.456	11.487	HH	22535	404601	1.86%	0.027%
212	11.518	11.487	11.533	HH	90044	1383004	6.37%	0.093%
213	11.549	11.533	11.591	HH	105890	1730820	7.97%	0.117%
214	11.631	11.591	11.651	HH	130051	2377523	10.95%	0.160%
215	11.667	11.651	11.681	HH	69766	950214	4.38%	0.064%
216	11.697	11.681	11.741	HH	83370	1569442	7.23%	0.106%
217	11.778	11.741	11.800	HH	26588	834014	3.84%	0.056%
218	11.820	11.800	11.826	HH	26828	401350	1.85%	0.027%
219	11.848	11.826	11.876	HH	29730	813223	3.75%	0.055%
220	11.898	11.876	11.912	HH	33992	660605	3.04%	0.045%
221	11.920	11.912	11.952	HH	34703	706572	3.25%	0.048%
222	11.957	11.952	11.966	HH	25808	205270	0.95%	0.014%
223	11.991	11.966	12.013	HH	63258	1174412	5.41%	0.079%
224	12.018	12.013	12.033	HH	31896	370824	1.71%	0.025%
225	12.055	12.033	12.085	HH	41307	1053196	4.85%	0.071%
226	12.099	12.085	12.122	HH	34249	680718	3.14%	0.046%
227	12.138	12.122	12.149	HH	32591	499049	2.30%	0.034%
228	12.168	12.149	12.184	HH	34384	668397	3.08%	0.045%
229	12.199	12.184	12.212	HH	37666	598815	2.76%	0.040%
230	12.221	12.212	12.229	HH	34207	339626	1.56%	0.023%
231	12.266	12.229	12.293	HH	39415	1348556	6.21%	0.091%
232	12.312	12.293	12.353	HH	49748	1426393	6.57%	0.096%
233	12.388	12.353	12.399	HH	46496	1051445	4.84%	0.071%
234	12.422	12.399	12.442	HH	91163	1642797	7.57%	0.111%
235	12.459	12.442	12.472	HH	59250	971542	4.47%	0.065%
236	12.486	12.472	12.512	HH	64214	1272816	5.86%	0.086%
237	12.543	12.512	12.601	HH	693009	9772679	45.01%	0.658%
238	12.615	12.601	12.626	HH	40059	593810	2.73%	0.040%
239	12.636	12.626	12.653	HH	40633	641951	2.96%	0.043%
240	12.677	12.653	12.709	HH	95289	2088423	9.62%	0.141%
241	12.725	12.709	12.745	HH	67966	1221464	5.63%	0.082%
242	12.782	12.745	12.809	HH	58680	1926313	8.87%	0.130%
243	12.840	12.809	12.876	HH	601884	8302277	38.24%	0.559%
244	12.894	12.876	12.909	HH	78100	1265362	5.83%	0.085%
245	12.927	12.909	12.987	HH	111052	3043573	14.02%	0.205%
246	12.990	12.987	12.994	HH	45145	203107	0.94%	0.014%

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247	13.015	12.994	13.034	HH	68060	1370426	6.31%	0.092%
248	13.047	13.034	13.077	HH	66965	1435550	6.61%	0.097%
249	13.108	13.077	13.153	HH	82822	2729722	12.57%	0.184%
250	13.170	13.153	13.217	HH	65021	2218718	10.22%	0.149%
251	13.237	13.217	13.252	HH	70436	1309430	6.03%	0.088%
252	13.266	13.252	13.277	HH	63808	913646	4.21%	0.062%
253	13.300	13.277	13.330	HH	93422	2292712	10.56%	0.154%
254	13.336	13.330	13.367	HH	57222	1234316	5.68%	0.083%
255	13.431	13.367	13.465	HH	183886	5300542	24.41%	0.357%
256	13.473	13.465	13.481	HH	66929	605278	2.79%	0.041%
257	13.496	13.481	13.514	HH	71497	1325700	6.11%	0.089%
258	13.537	13.514	13.559	HH	157565	2852338	13.14%	0.192%
259	13.577	13.559	13.601	HH	109171	2200586	10.14%	0.148%
260	13.608	13.601	13.642	HH	76437	1788508	8.24%	0.120%
261	13.705	13.642	13.727	HH	120961	4682618	21.57%	0.315%
262	13.747	13.727	13.771	HH	104449	2225096	10.25%	0.150%
263	13.784	13.771	13.801	HH	75978	1336242	6.15%	0.090%
264	13.811	13.801	13.816	HH	74768	696757	3.21%	0.047%
265	13.832	13.816	13.849	HH	77057	1420516	6.54%	0.096%
266	13.868	13.849	13.872	HH	73117	991095	4.56%	0.067%
267	13.882	13.872	13.899	HH	75862	1200221	5.53%	0.081%
268	13.915	13.899	13.932	HH	78570	1486436	6.85%	0.100%
269	13.947	13.932	13.952	HH	75874	897174	4.13%	0.060%
270	13.976	13.952	14.001	HH	81896	2285527	10.53%	0.154%
271	14.021	14.001	14.058	HH	78507	2569334	11.83%	0.173%
272	14.087	14.058	14.106	HH	85599	2373641	10.93%	0.160%
273	14.138	14.106	14.159	HH	105119	3039783	14.00%	0.205%
274	14.180	14.159	14.207	HH	102491	2736498	12.60%	0.184%
275	14.248	14.207	14.260	HH	107589	3087112	14.22%	0.208%
276	14.268	14.260	14.287	HH	106968	1726916	7.95%	0.116%
277	14.303	14.287	14.324	HH	103105	2200835	10.14%	0.148%
278	14.349	14.324	14.387	HH	141428	4271748	19.67%	0.288%
279	14.411	14.387	14.434	HH	168566	3664670	16.88%	0.247%
280	14.460	14.434	14.514	HH	116345	5190806	23.91%	0.350%
281	14.532	14.514	14.553	HH	110455	2426635	11.18%	0.163%
282	14.590	14.553	14.629	HH	245240	6744092	31.06%	0.454%
283	14.641	14.629	14.649	HH	106262	1257121	5.79%	0.085%
284	14.654	14.649	14.659	HH	106202	623021	2.87%	0.042%
285	14.682	14.659	14.700	HH	139531	3048581	14.04%	0.205%
286	14.729	14.700	14.749	HH	394257	6996542	32.22%	0.471%
287	14.770	14.749	14.801	HH	392835	7084345	32.63%	0.477%
288	14.816	14.801	14.835	HH	126602	2487212	11.46%	0.168%
289	14.891	14.835	14.948	HH	175562	9383215	43.22%	0.632%
290	14.983	14.948	15.009	HH	141048	4830543	22.25%	0.325%
291	15.039	15.009	15.059	HH	153894	4091567	18.84%	0.276%
292	15.073	15.059	15.104	HH	144897	3768442	17.36%	0.254%
293	15.114	15.104	15.137	HH	138786	2693771	12.41%	0.181%
294	15.175	15.137	15.231	HH	231389	9323531	42.94%	0.628%
295	15.242	15.231	15.261	HH	143133	2432616	11.20%	0.164%
296	15.275	15.261	15.285	HH	143459	2071282	9.54%	0.140%
297	15.316	15.285	15.337	HH	161737	4691556	21.61%	0.316%
298	15.359	15.337	15.366	HH	160418	2664274	12.27%	0.179%
299	15.404	15.366	15.424	HH	222222	6242844	28.75%	0.421%

Instrument :
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ClientSampleId :
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Manual Integrations
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3/18/2019 11:46:01 AM

Instrument :
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3/18/2019 11:46:01 AM

					rt	Area	Area%	Height
300	15.444	15.424	15.473	HH	190959	5043602	23.23%	0.340%
301	15.492	15.473	15.511	HH	173812	3725108	17.16%	0.251%
302	15.516	15.511	15.527	HH	164398	1635503	7.53%	0.110%
303	15.568	15.527	15.589	HH	215996	7051145	32.48%	0.475%
304	15.592	15.589	15.612	HH	172356	2317515	10.67%	0.156%
305	15.640	15.612	15.661	HH	176651	4953106	22.81%	0.334%
306	15.666	15.661	15.673	HH	168476	1163517	5.36%	0.078%
307	15.679	15.673	15.683	HH	167253	1058568	4.88%	0.071%
308	15.693	15.683	15.710	HH	175615	2698287	12.43%	0.182%
309	15.729	15.710	15.748	HH	188283	4103246	18.90%	0.276%
310	15.754	15.748	15.774	HH	176001	2701369	12.44%	0.182%
311	15.823	15.774	15.892	HH	208978	13305182	61.28%	0.896%
312	15.912	15.892	15.935	HH	187046	4724439	21.76%	0.318%
313	15.941	15.935	15.973	HH	184929	4072025	18.75%	0.274%
314	16.003	15.973	16.033	HH	212860	7113264	32.76%	0.479%
315	16.047	16.033	16.061	HH	200663	3341556	15.39%	0.225%
316	16.093	16.061	16.126	HH	221721	8193191	37.74%	0.552%
317	16.131	16.126	16.139	HH	208060	1640235	7.55%	0.111%
318	16.175	16.139	16.183	HH	212316	5398948	24.87%	0.364%
319	16.210	16.183	16.237	HH	235012	7110911	32.75%	0.479%
320	16.303	16.237	16.321	HH	538599	15416850	71.00%	1.039%
321	16.328	16.321	16.366	HH	343011	7252976	33.40%	0.489%
322	16.395	16.366	16.409	HH	240955	6006213	27.66%	0.405%
323	16.433	16.409	16.455	HH	309453	7517294	34.62%	0.506%
324	16.462	16.455	16.482	HH	252935	4017708	18.50%	0.271%
325	16.510	16.482	16.523	HH	249221	5870470	27.04%	0.396%
326	16.529	16.523	16.542	HH	243653	2764179	12.73%	0.186%
327	16.590	16.542	16.599	HH	281416	8790996	40.49%	0.592%
328	16.626	16.599	16.654	HH	416603	10892297	50.17%	0.734%
329	16.688	16.654	16.728	HH	505140	14316503	65.94%	0.965%
330	16.786	16.728	16.810	HH	364777	14475046	66.67%	0.975%
331	16.826	16.810	16.864	HH	296702	9063779	41.74%	0.611%
332	16.871	16.864	16.878	HH	259460	2201298	10.14%	0.148%
333	16.885	16.878	16.887	HH	262206	1383713	6.37%	0.093%
334	16.901	16.887	16.906	HH	266764	2969719	13.68%	0.200%
335	16.937	16.906	16.969	HH	301340	10780648	49.65%	0.726%
336	17.009	16.969	17.026	HH	293344	9648309	44.44%	0.650%
337	17.052	17.026	17.066	HH	311849	7180189	33.07%	0.484%
338	17.086	17.066	17.124	HH	310855	10470271	48.22%	0.705%
339	17.130	17.124	17.136	HH	291789	2040040	9.40%	0.137%
340	17.181	17.136	17.205	HH	332340	12856851	59.21%	0.866%
341	17.232	17.205	17.247	HH	326773	7843985	36.13%	0.528%
342	17.259	17.247	17.276	HH	312844	5249281	24.18%	0.354%
343	17.288	17.276	17.306	HH	317385	5541855	25.52%	0.373%
344	17.309	17.306	17.313	HH	300140	1155177	5.32%	0.078%
345	17.350	17.313	17.367	HH	327536	10281159	47.35%	0.693%
346	17.402	17.367	17.431	HH	309857	11511679	53.02%	0.776%
347	17.434	17.431	17.438	HH	295812	1275550	5.87%	0.086%
348	17.453	17.438	17.459	HH	303092	3778704	17.40%	0.255%
349	17.468	17.459	17.486	HH	305936	4787155	22.05%	0.323%
350	17.502	17.486	17.511	HH	304993	4573287	21.06%	0.308%
351	17.517	17.511	17.522	HH	299904	1988926	9.16%	0.134%

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352	17.531	17.522	17.537	HH	300519	2660167	12.25%	0.179%
353	17.561	17.537	17.569	HH	320576	5897413	27.16%	0.397%
354	17.596	17.569	17.616	HH	323022	8838224	40.71%	0.595%
355	17.634	17.616	17.642	HH	350489	5387453	24.81%	0.363%
356	17.663	17.642	17.699	HH	385162	11821707	54.45%	0.796%
357	17.707	17.699	17.720	HH	312975	3891052	17.92%	0.262%
358	17.741	17.720	17.746	HH	313849	4790499	22.06%	0.323%
359	17.750	17.746	17.752	HH	312502	1111653	5.12%	0.075%
360	17.804	17.752	17.849	HH	448966	21134398	97.34%	1.424%
361	17.866	17.849	17.884	HH	340944	6906095	31.81%	0.465%
362	17.892	17.884	17.914	HH	330033	5874449	27.06%	0.396%
363	17.924	17.914	17.930	HH	327897	3044282	14.02%	0.205%
364	17.977	17.930	17.998	HH	387121	14307102	65.89%	0.964%
365	18.025	17.998	18.047	HH	374637	10603063	48.83%	0.714%
366	18.076	18.047	18.140	HH	484007	21712403	100.00%	1.463%
367	18.175	18.140	18.193	HH	440720	12223129	56.30%	0.823%
368	18.206	18.193	18.222	HH	395145	6586906	30.34%	0.444%
369	18.237	18.222	18.302	HH	378528	17055609	78.55%	1.149%
370	18.330	18.302	18.361	HH	483765	13894039	63.99%	0.936%
371	18.371	18.361	18.376	HH	349201	3212193	14.79%	0.216%
372	18.380	18.376	18.390	HH	348305	2796161	12.88%	0.188%
373	18.406	18.390	18.437	HH	361930	10123501	46.63%	0.682%
374	18.466	18.437	18.485	HH	409096	10765371	49.58%	0.725%
375	18.510	18.485	18.533	HH	383385	10461287	48.18%	0.705%
376	18.540	18.533	18.544	HH	341062	2306219	10.62%	0.155%
377	18.563	18.544	18.569	HH	349761	5137621	23.66%	0.346%
378	18.599	18.569	18.626	HH	421985	12838449	59.13%	0.865%
379	18.651	18.626	18.674	HH	414171	11186444	51.52%	0.754%
380	18.679	18.674	18.687	HH	358483	2770626	12.76%	0.187%
381	18.695	18.687	18.701	HH	358740	2836635	13.06%	0.191%
382	18.707	18.701	18.717	HH	353130	3346212	15.41%	0.225%
383	18.728	18.717	18.749	HH	363395	6980974	32.15%	0.470%
384	18.761	18.749	18.821	HH	376819	15724330	72.42%	1.059%
385	18.823	18.821	18.830	HH	363220	2075176	9.56%	0.140%
386	18.853	18.830	18.872	HH	398245	9482343	43.67%	0.639%
387	18.879	18.872	18.889	HH	378134	3704175	17.06%	0.250%
388	18.908	18.889	18.919	HH	394814	6876418	31.67%	0.463%
389	18.934	18.919	18.967	HH	415287	11180984	51.50%	0.753%
390	19.003	18.967	19.018	HH	404307	11470655	52.83%	0.773%
391	19.023	19.018	19.048	HH	378637	6615576	30.47%	0.446%
392	19.063	19.048	19.075	HH	369989	5846842	26.93%	0.394%
393	19.089	19.075	19.117	HH	376726	9407632	43.33%	0.634%
394	19.125	19.117	19.131	HH	367473	2920647	13.45%	0.197%
395	19.136	19.131	19.147	HH	368738	3630017	16.72%	0.245%
396	19.151	19.147	19.160	HH	363592	2733004	12.59%	0.184%
397	19.166	19.160	19.187	HH	372462	5905601	27.20%	0.398%
398	19.196	19.187	19.206	HH	370019	4129581	19.02%	0.278%
399	19.209	19.206	19.213	HH	366249	1612923	7.43%	0.109%
400	19.219	19.213	19.228	HH	370041	3261841	15.02%	0.220%
401	19.246	19.228	19.252	HH	368792	5133184	23.64%	0.346%
402	19.265	19.252	19.272	HH	374223	4565982	21.03%	0.308%
403	19.291	19.272	19.297	HH	391353	5682131	26.17%	0.383%
404	19.313	19.297	19.339	HH	413658	9896008	45.58%	0.667%

Instrument :
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ClientSampleId :
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Manual Integrations
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3/18/2019 11:46:01 AM

Instrument :
FID_F
ClientSampleId :
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Manual Integrations
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3/18/2019 11:46:01 AM

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405	19.356	19.339	19.374	HH	383389	7896268	36.37%	0.532%
406	19.406	19.374	19.422	HH	403011	11101025	51.13%	0.748%
407	19.427	19.422	19.444	HH	383252	4847257	22.32%	0.327%
408	19.500	19.444	19.534	HH	436411	21434878	98.72%	1.444%
409	19.566	19.534	19.600	HH	445646	16228362	74.74%	1.093%
410	19.607	19.600	19.612	HH	390034	2831088	13.04%	0.191%
411	19.637	19.612	19.656	HH	434554	10732081	49.43%	0.723%
412	19.660	19.656	19.687	HH	409179	7650571	35.24%	0.515%
413	19.709	19.687	19.763	HH	419606	17926484	82.56%	1.208%
414	19.779	19.763	19.798	HH	395288	8156801	37.57%	0.550%
415	19.821	19.798	19.837	HH	401876	9203525	42.39%	0.620%
416	19.886	19.837	19.919	HH	463102	20610604	94.93%	1.389%
417	19.951	19.919	19.982	HH	433617	15839641	72.95%	1.067%
418	19.987	19.982	20.005	HH	414632	5494420	25.31%	0.370%
419	20.007	20.005	20.025	HH	408945	4943438	22.77%	0.333%
420	20.035	20.025	20.062	HH	418004	8982947	41.37%	0.605%
421	20.102	20.062	20.122	HH	425984	14895068	68.60%	1.004%
422	20.136	20.122	20.152	HH	412618	7307149	33.65%	0.492%
423	20.168	20.152	20.185	HH	415971	8002308	36.86%	0.539%
424	20.208	20.185	20.214	HH	413115	7104455	32.72%	0.479%
425	20.237	20.214	20.252	HH	423844	9181754	42.29%	0.619%
426	20.259	20.252	20.266	HH	410940	3428346	15.79%	0.231%
427	20.271	20.266	20.280	HH	407104	3449569	15.89%	0.232%
428	20.299	20.280	20.314	HH	408350	8097143	37.29%	0.546%
429	20.319	20.314	20.329	HH	405118	3690790	17.00%	0.249%
430	20.334	20.329	20.350	HH	400792	5079188	23.39%	0.342%
431	20.393	20.350	20.421	HH	414398	17033125	78.45%	1.148%
432	20.439	20.421	20.471	HH	403627	11727513	54.01%	0.790%
433	20.481	20.471	20.502	HH	390930	7346989	33.84%	0.495%
434	20.508	20.502	20.514	HH	392558	2632570	12.12%	0.177%
435	20.521	20.514	20.525	HH	397334	2703619	12.45%	0.182%
436	20.531	20.525	20.595	HH	398977	16163352	74.44%	1.089%
437	20.601	20.595	20.605	HH	383341	2309835	10.64%	0.156%
438	20.611	20.605	20.615	HH	387908	2317719	10.67%	0.156%
439	20.620	20.615	20.635	HH	392660	4479845	20.63%	0.302%
440	20.643	20.635	20.692	HH	387862	12913015	59.47%	0.870%
441	20.697	20.692	20.703	HH	373231	2415597	11.13%	0.163%
442	20.712	20.703	20.732	HH	375348	6484009	29.86%	0.437%
443	20.741	20.732	20.762	HH	369533	6441058	29.67%	0.434%
444	20.766	20.762	20.788	HH	372696	5746118	26.46%	0.387%
445	20.794	20.788	20.799	HH	355852	2314798	10.66%	0.156%
446	20.809	20.799	20.818	HH	358903	4000595	18.43%	0.270%
447	20.824	20.818	20.844	HH	354317	5522229	25.43%	0.372%
448	20.858	20.844	20.876	HH	357207	6549066	30.16%	0.441%
449	20.889	20.876	20.911	HH	356795	7333969	33.78%	0.494%
450	20.931	20.911	20.949	HH	361626	8005805	36.87%	0.539%
451	20.965	20.949	20.976	HH	347619	5497260	25.32%	0.370%
452	20.986	20.976	21.007	HH	343071	6421915	29.58%	0.433%
453	21.018	21.007	21.024	HH	341212	3403696	15.68%	0.229%
454	21.025	21.024	21.041	HH	340123	3328932	15.33%	0.224%
455	21.054	21.041	21.061	HH	341550	4015487	18.49%	0.271%
456	21.067	21.061	21.081	HH	340999	4095242	18.86%	0.276%

Instrument :
FID_F
ClientSampleId :
101-102

Manual Integrations
APPROVED

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					rt	Area	Area%	Height
457	21.084	21.081	21.094	HH	340006	2651475	12.21%	0.179%
458	21.103	21.094	21.143	HH	338459	9885858	45.53%	0.666%
459	21.149	21.143	21.162	HH	328969	3602390	16.59%	0.243%
460	21.198	21.162	21.241	HH	341629	15502515	71.40%	1.044%
461	21.265	21.241	21.284	HH	327312	8417763	38.77%	0.567%
462	21.301	21.284	21.364	HH	333716	15356221	70.73%	1.035%
463	21.371	21.364	21.394	HH	310826	5484998	25.26%	0.370%
464	21.406	21.394	21.431	HH	312936	6680386	30.77%	0.450%
465	21.443	21.431	21.450	HH	302853	3533196	16.27%	0.238%
466	21.455	21.450	21.463	HH	303331	2315084	10.66%	0.156%
467	21.470	21.463	21.481	HH	302406	3177375	14.63%	0.214%
468	21.490	21.481	21.502	HH	299378	3789055	17.45%	0.255%
469	21.510	21.502	21.565	HH	299022	10859893	50.02%	0.732%
470	21.572	21.565	21.578	HH	290286	2338422	10.77%	0.158%
471	21.589	21.578	21.597	HH	296708	3369152	15.52%	0.227%
472	21.605	21.597	21.624	HH	300981	4722426	21.75%	0.318%
473	21.629	21.624	21.642	HH	295370	3176005	14.63%	0.214%
474	21.663	21.642	21.711	HHA	301779	12106629	55.76%	0.816%
Sum of corrected areas:					1484305595			

FF030119.M Mon Mar 18 09:14:00 2019