

rteres

Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE021318\
Data File : FE026261.D
Signal(s) : FID1B.CH
Acq On : 13 Feb 2018 23:46
Sample : J1530-33
Misc :
ALS Vial : 50 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE012918.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.423	2.401	2.431	BH	29	-2204	-0.05%	-0.001%
2	2.443	2.431	2.448	PH	-2	-820	-0.02%	-0.000%
3	2.458	2.448	2.471	PH	40	-477	-0.01%	-0.000%
4	2.480	2.471	2.495	PH	61	-929	-0.02%	-0.000%
5	2.513	2.495	2.520	PH	193	506	0.01%	0.000%
6	2.523	2.520	2.532	HH	79	366	0.01%	0.000%
7	2.547	2.532	2.566	PH	137	306	0.01%	0.000%
8	2.570	2.566	2.574	PH	139	106	0.00%	0.000%
9	2.580	2.574	2.596	PH	58	-541	-0.01%	-0.000%
10	2.606	2.596	2.617	PH	126	-591	-0.01%	-0.000%
11	2.619	2.617	2.624	PH	127	-114	-0.00%	-0.000%
12	2.629	2.624	2.634	PH	32	-483	-0.01%	-0.000%
13	2.645	2.634	2.651	PH	29	-450	-0.01%	-0.000%
14	2.654	2.651	2.658	PH	107	18	0.00%	0.000%
15	2.679	2.658	2.736	PH	5048	74361	1.86%	0.039%
16	2.740	2.736	2.767	HH	442	4121	0.10%	0.002%
17	2.771	2.767	2.775	HH	62	204	0.01%	0.000%
18	2.780	2.775	2.788	PH	147	223	0.01%	0.000%
19	2.794	2.788	2.798	PH	168	343	0.01%	0.000%
20	2.822	2.798	2.833	PH	336	2822	0.07%	0.001%
21	2.836	2.833	2.843	HH	218	806	0.02%	0.000%
22	2.847	2.843	2.861	HH	227	1178	0.03%	0.001%
23	2.865	2.861	2.871	HH	170	755	0.02%	0.000%
24	2.876	2.871	2.880	HH	264	953	0.02%	0.000%
25	2.885	2.880	2.889	HH	175	599	0.01%	0.000%
26	2.893	2.889	2.897	HH	199	617	0.02%	0.000%
27	2.910	2.897	2.917	HH	351	2521	0.06%	0.001%
28	2.920	2.917	2.927	HH	198	897	0.02%	0.000%
29	2.935	2.927	2.942	HH	253	1507	0.04%	0.001%
30	2.946	2.942	2.970	HH	352	2788	0.07%	0.001%
31	2.982	2.970	2.989	HH	188	1213	0.03%	0.001%
32	2.994	2.989	3.002	HH	187	1151	0.03%	0.001%
33	3.012	3.002	3.029	HH	378	3828	0.10%	0.002%
34	3.033	3.029	3.037	HH	238	1019	0.03%	0.001%
35	3.042	3.037	3.046	HH	257	1060	0.03%	0.001%
36	3.053	3.046	3.063	HH	277	1875	0.05%	0.001%

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37	3.070	3.063	3.075	HH	322	1658	0.04%	0.001%
38	3.106	3.075	3.118	HH	463	7393	0.18%	0.004%
39	3.130	3.118	3.137	HH	342	2395	0.06%	0.001%
40	3.144	3.137	3.148	HH	336	1741	0.04%	0.001%
41	3.157	3.148	3.176	HH	366	4129	0.10%	0.002%
42	3.189	3.176	3.196	HH	398	3920	0.10%	0.002%
43	3.224	3.196	3.228	HH	451	7001	0.17%	0.004%
44	3.232	3.228	3.247	HH	440	4199	0.10%	0.002%
45	3.269	3.247	3.277	HH	520	7152	0.18%	0.004%
46	3.284	3.277	3.290	HH	610	4201	0.10%	0.002%
47	3.305	3.290	3.309	HH	804	7732	0.19%	0.004%
48	3.313	3.309	3.322	HH	729	5243	0.13%	0.003%
49	3.326	3.322	3.342	HH	594	6440	0.16%	0.003%
50	3.349	3.342	3.356	HH	567	4123	0.10%	0.002%
51	3.364	3.356	3.371	HH	606	4966	0.12%	0.003%
52	3.382	3.371	3.400	HH	615	8839	0.22%	0.005%
53	3.405	3.400	3.411	HH	635	3110	0.08%	0.002%
54	3.423	3.411	3.428	HH	607	5439	0.14%	0.003%
55	3.435	3.428	3.446	HH	628	6142	0.15%	0.003%
56	3.452	3.446	3.471	HH	716	8769	0.22%	0.005%
57	3.478	3.471	3.482	HH	730	3784	0.09%	0.002%
58	3.487	3.482	3.500	HH	628	5847	0.15%	0.003%
59	3.517	3.500	3.526	HH	666	9161	0.23%	0.005%
60	3.530	3.526	3.546	HH	769	6777	0.17%	0.004%
61	3.554	3.546	3.561	HH	746	5745	0.14%	0.003%
62	3.566	3.561	3.571	HH	642	3825	0.10%	0.002%
63	3.580	3.571	3.585	HH	692	5138	0.13%	0.003%
64	3.593	3.585	3.600	HH	761	5831	0.15%	0.003%
65	3.615	3.600	3.626	HH	771	10657	0.27%	0.006%
66	3.629	3.626	3.635	HH	802	3923	0.10%	0.002%
67	3.651	3.635	3.663	HH	864	12729	0.32%	0.007%
68	3.670	3.663	3.675	HH	854	5652	0.14%	0.003%
69	3.685	3.675	3.690	HH	812	6305	0.16%	0.003%
70	3.695	3.690	3.701	HH	916	5280	0.13%	0.003%
71	3.714	3.701	3.719	HH	919	9043	0.23%	0.005%
72	3.725	3.719	3.735	HH	973	8257	0.21%	0.004%
73	3.748	3.735	3.765	HH	1015	15289	0.38%	0.008%
74	3.769	3.765	3.774	HH	891	4776	0.12%	0.003%
75	3.780	3.774	3.786	HH	946	5836	0.15%	0.003%
76	3.816	3.786	3.849	HH	1010	35182	0.88%	0.018%
77	3.861	3.849	3.875	HH	1067	15222	0.38%	0.008%
78	3.892	3.875	3.900	HH	1082	14658	0.37%	0.008%
79	3.907	3.900	3.914	HH	1183	9186	0.23%	0.005%
80	3.920	3.914	3.927	HH	1113	7527	0.19%	0.004%
81	3.935	3.927	3.950	HH	1136	14229	0.36%	0.007%
82	3.956	3.950	3.967	HH	1141	10708	0.27%	0.006%
83	3.978	3.967	3.984	HH	1177	10792	0.27%	0.006%
84	3.998	3.984	4.025	HH	1283	28167	0.70%	0.015%
85	4.031	4.025	4.041	HH	1164	11178	0.28%	0.006%
86	4.051	4.041	4.069	HH	1316	20327	0.51%	0.011%
87	4.075	4.069	4.084	HH	1212	10194	0.25%	0.005%
88	4.089	4.084	4.099	HH	1209	10124	0.25%	0.005%
89	4.103	4.099	4.109	HH	1272	7274	0.18%	0.004%

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90	4.122	4.109	4.126	HH	1324	12646	0.32%	0.007%
91	4.130	4.126	4.140	HH	1246	10223	0.26%	0.005%
92	4.159	4.140	4.162	HH	1364	16763	0.42%	0.009%
93	4.169	4.162	4.174	HH	1359	9091	0.23%	0.005%
94	4.193	4.174	4.204	HH	1414	22818	0.57%	0.012%
95	4.209	4.204	4.220	HH	1383	12792	0.32%	0.007%
96	4.228	4.220	4.235	HH	1372	11739	0.29%	0.006%
97	4.245	4.235	4.252	HH	1436	14155	0.35%	0.007%
98	4.257	4.252	4.262	HH	1422	8098	0.20%	0.004%
99	4.311	4.262	4.340	HH	3096	124961	3.12%	0.065%
100	4.353	4.340	4.358	HH	2859	31313	0.78%	0.016%
101	4.364	4.358	4.388	HH	2927	48825	1.22%	0.026%
102	4.397	4.388	4.418	HH	2783	47776	1.19%	0.025%
103	4.432	4.418	4.443	HH	2668	38531	0.96%	0.020%
104	4.452	4.443	4.471	HH	2543	41606	1.04%	0.022%
105	4.474	4.471	4.481	HH	2386	14378	0.36%	0.008%
106	4.486	4.481	4.494	HH	2445	17496	0.44%	0.009%
107	4.512	4.494	4.527	HH	2567	47881	1.19%	0.025%
108	4.531	4.527	4.552	HH	2420	35799	0.89%	0.019%
109	4.560	4.552	4.566	HH	2382	18456	0.46%	0.010%
110	4.582	4.566	4.602	HH	2581	51334	1.28%	0.027%
111	4.610	4.602	4.617	HH	2283	19805	0.49%	0.010%
112	4.631	4.617	4.639	HH	2251	28168	0.70%	0.015%
113	4.645	4.639	4.650	HH	2152	13739	0.34%	0.007%
114	4.655	4.650	4.660	HH	2261	12854	0.32%	0.007%
115	4.668	4.660	4.678	HH	2240	23710	0.59%	0.012%
116	4.685	4.678	4.696	HH	2258	22789	0.57%	0.012%
117	4.700	4.696	4.708	HH	2173	15716	0.39%	0.008%
118	4.716	4.708	4.731	HH	2163	28454	0.71%	0.015%
119	4.749	4.731	4.760	HH	2320	38921	0.97%	0.020%
120	4.767	4.760	4.780	HH	2348	25578	0.64%	0.013%
121	4.784	4.780	4.789	HH	2152	11460	0.29%	0.006%
122	4.799	4.789	4.814	HH	2211	32657	0.81%	0.017%
123	4.819	4.814	4.831	HH	2246	22014	0.55%	0.012%
124	4.836	4.831	4.841	HH	2226	12090	0.30%	0.006%
125	4.846	4.841	4.859	HH	2142	22732	0.57%	0.012%
126	4.865	4.859	4.870	HH	2146	13959	0.35%	0.007%
127	4.875	4.870	4.884	HH	2148	17139	0.43%	0.009%
128	4.907	4.884	4.924	HH	2186	49446	1.23%	0.026%
129	4.928	4.924	4.934	HH	2144	12055	0.30%	0.006%
130	4.945	4.934	4.956	HH	2155	28350	0.71%	0.015%
131	4.980	4.956	4.985	HH	2312	37516	0.94%	0.020%
132	4.992	4.985	4.996	HH	2208	14319	0.36%	0.008%
133	5.003	4.996	5.011	HH	2239	18320	0.46%	0.010%
134	5.016	5.011	5.035	HH	2168	30537	0.76%	0.016%
135	5.040	5.035	5.053	HH	2171	22783	0.57%	0.012%
136	5.057	5.053	5.061	HH	2159	11025	0.28%	0.006%
137	5.068	5.061	5.085	HH	2225	30570	0.76%	0.016%
138	5.100	5.085	5.108	HH	2268	29832	0.74%	0.016%
139	5.117	5.108	5.126	HH	2315	24171	0.60%	0.013%
140	5.141	5.126	5.151	HH	2363	33481	0.84%	0.018%
141	5.155	5.151	5.165	HH	2396	18447	0.46%	0.010%

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142	5.170	5.165	5.179	HH	2410	19754	0.49%	0.010%
143	5.189	5.179	5.199	HH	2420	27280	0.68%	0.014%
144	5.201	5.199	5.213	HH	2308	19037	0.48%	0.010%
145	5.216	5.213	5.243	HH	2285	39651	0.99%	0.021%
146	5.252	5.243	5.257	HH	2252	18735	0.47%	0.010%
147	5.279	5.257	5.283	HH	2333	34667	0.86%	0.018%
148	5.295	5.283	5.303	HH	2373	27530	0.69%	0.014%
149	5.311	5.303	5.316	HH	2341	18356	0.46%	0.010%
150	5.322	5.316	5.334	HH	2434	25036	0.62%	0.013%
151	5.354	5.334	5.360	HH	2477	36718	0.92%	0.019%
152	5.364	5.360	5.374	HH	2497	20479	0.51%	0.011%
153	5.382	5.374	5.390	HH	2580	23621	0.59%	0.012%
154	5.413	5.390	5.432	HH	2659	63207	1.58%	0.033%
155	5.445	5.432	5.462	HH	2581	44637	1.11%	0.023%
156	5.492	5.462	5.519	HH	2649	84911	2.12%	0.044%
157	5.523	5.519	5.534	HH	2613	23096	0.58%	0.012%
158	5.540	5.534	5.545	HH	2580	16809	0.42%	0.009%
159	5.573	5.545	5.593	HH	2727	75561	1.89%	0.040%
160	5.615	5.593	5.624	HH	2820	50683	1.26%	0.027%
161	5.629	5.624	5.636	HH	2765	18292	0.46%	0.010%
162	5.648	5.636	5.654	HH	2808	29546	0.74%	0.015%
163	5.689	5.654	5.694	HH	2835	64066	1.60%	0.034%
164	5.699	5.694	5.719	HH	2818	40151	1.00%	0.021%
165	5.754	5.719	5.759	HH	2837	67024	1.67%	0.035%
166	5.763	5.759	5.771	HH	2785	19250	0.48%	0.010%
167	5.782	5.771	5.792	HH	2802	33995	0.85%	0.018%
168	5.812	5.792	5.820	HH	2902	48021	1.20%	0.025%
169	5.840	5.820	5.855	HH	2916	60164	1.50%	0.032%
170	5.866	5.855	5.893	HH	2971	66788	1.67%	0.035%
171	5.920	5.893	5.926	HH	2943	56111	1.40%	0.029%
172	5.931	5.926	5.961	HH	3037	62296	1.55%	0.033%
173	5.976	5.961	5.981	HH	3138	36213	0.90%	0.019%
174	5.988	5.981	6.003	HH	3141	40825	1.02%	0.021%
175	6.008	6.003	6.023	HH	3053	35487	0.89%	0.019%
176	6.026	6.023	6.044	HH	3145	38998	0.97%	0.020%
177	6.088	6.044	6.094	HH	3216	90075	2.25%	0.047%
178	6.109	6.094	6.116	HH	3327	43639	1.09%	0.023%
179	6.138	6.116	6.147	HH	3399	60716	1.51%	0.032%
180	6.180	6.147	6.187	HH	3484	81441	2.03%	0.043%
181	6.214	6.187	6.234	HH	7315	128997	3.22%	0.068%
182	6.240	6.234	6.246	HH	3388	24093	0.60%	0.013%
183	6.256	6.246	6.264	HH	3437	35498	0.89%	0.019%
184	6.270	6.264	6.285	HH	3442	41372	1.03%	0.022%
185	6.331	6.285	6.336	HH	3569	105905	2.64%	0.055%
186	6.374	6.336	6.404	HH	3615	144456	3.60%	0.076%
187	6.409	6.404	6.421	HH	3656	35056	0.87%	0.018%
188	6.426	6.421	6.440	HH	3684	40820	1.02%	0.021%
189	6.473	6.440	6.478	HH	3748	83940	2.09%	0.044%
190	6.488	6.478	6.493	HH	3738	34178	0.85%	0.018%
191	6.499	6.493	6.519	HH	3776	58213	1.45%	0.031%
192	6.541	6.519	6.550	HH	3848	68160	1.70%	0.036%
193	6.557	6.550	6.574	HH	3793	53267	1.33%	0.028%
194	6.582	6.574	6.589	HH	3858	34684	0.87%	0.018%

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195	6.594	6.589	6.614	HH	3993	58341	1.46%	0.031%
196	6.623	6.614	6.649	HH	3871	78472	1.96%	0.041%
197	6.654	6.649	6.675	HH	3859	59900	1.49%	0.031%
198	6.683	6.675	6.703	HH	3842	62757	1.57%	0.033%
199	6.707	6.703	6.712	HH	3817	19319	0.48%	0.010%
200	6.720	6.712	6.733	HH	3865	48223	1.20%	0.025%
201	6.736	6.733	6.741	HH	3825	18754	0.47%	0.010%
202	6.751	6.741	6.765	HH	3934	54670	1.36%	0.029%
203	6.780	6.765	6.788	HH	3953	52580	1.31%	0.028%
204	6.791	6.788	6.809	HH	3838	48368	1.21%	0.025%
205	6.821	6.809	6.827	HH	3888	40608	1.01%	0.021%
206	6.832	6.827	6.849	HH	3939	51955	1.30%	0.027%
207	6.855	6.849	6.864	HH	3918	34639	0.86%	0.018%
208	6.870	6.864	6.877	HH	3914	29315	0.73%	0.015%
209	6.896	6.877	6.906	HH	4021	68646	1.71%	0.036%
210	6.912	6.906	6.915	HH	3966	19883	0.50%	0.010%
211	6.918	6.915	6.926	HH	3947	26876	0.67%	0.014%
212	6.929	6.926	6.951	HH	4003	58870	1.47%	0.031%
213	6.957	6.951	6.965	HH	4013	32285	0.81%	0.017%
214	6.993	6.965	6.998	HH	4157	81347	2.03%	0.043%
215	7.005	6.998	7.018	HH	4124	48921	1.22%	0.026%
216	7.025	7.018	7.037	HH	4135	45631	1.14%	0.024%
217	7.046	7.037	7.059	HH	4205	53921	1.35%	0.028%
218	7.063	7.059	7.069	HH	4178	25184	0.63%	0.013%
219	7.074	7.069	7.078	HH	4166	22864	0.57%	0.012%
220	7.083	7.078	7.088	HH	4183	23612	0.59%	0.012%
221	7.093	7.088	7.114	HH	4207	65221	1.63%	0.034%
222	7.126	7.114	7.136	HH	4266	54418	1.36%	0.029%
223	7.140	7.136	7.145	HH	4253	21845	0.55%	0.011%
224	7.148	7.145	7.151	HH	4319	17340	0.43%	0.009%
225	7.154	7.151	7.159	HH	4281	20155	0.50%	0.011%
226	7.172	7.159	7.175	HH	4262	39852	0.99%	0.021%
227	7.208	7.175	7.248	HH	5025	197111	4.92%	0.103%
228	7.253	7.248	7.259	HH	4451	30311	0.76%	0.016%
229	7.264	7.259	7.276	HH	4491	45643	1.14%	0.024%
230	7.293	7.276	7.354	HH	4490	204681	5.11%	0.107%
231	7.387	7.354	7.409	HH	4659	152766	3.81%	0.080%
232	7.415	7.409	7.418	HH	4700	24414	0.61%	0.013%
233	7.456	7.418	7.501	HH	5026	236468	5.90%	0.124%
234	7.506	7.501	7.510	HH	4626	24388	0.61%	0.013%
235	7.512	7.510	7.527	HH	4601	45773	1.14%	0.024%
236	7.530	7.527	7.541	HH	4606	38423	0.96%	0.020%
237	7.553	7.541	7.558	HH	4772	48707	1.22%	0.026%
238	7.563	7.558	7.593	HH	4714	97732	2.44%	0.051%
239	7.602	7.593	7.609	HH	4699	43748	1.09%	0.023%
240	7.634	7.609	7.639	HH	4701	82976	2.07%	0.043%
241	7.643	7.639	7.651	HH	4670	32634	0.81%	0.017%
242	7.661	7.651	7.679	HH	4900	82090	2.05%	0.043%
243	7.684	7.679	7.696	HH	4898	47977	1.20%	0.025%
244	7.725	7.696	7.747	HH	5265	151993	3.79%	0.080%
245	7.759	7.747	7.765	HH	4988	52203	1.30%	0.027%
246	7.772	7.765	7.777	HH	5031	37235	0.93%	0.020%

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247	7.784	7.777	7.791	HH	5093	41150	1.03%	0.022%
248	7.825	7.791	7.864	HH	6033	237372	5.92%	0.124%
249	7.893	7.864	7.906	HH	5570	133516	3.33%	0.070%
250	7.911	7.906	7.939	HH	5529	106753	2.66%	0.056%
251	7.959	7.939	7.964	HH	5295	78289	1.95%	0.041%
252	7.969	7.964	7.977	HH	5228	40091	1.00%	0.021%
253	7.998	7.977	8.021	HH	5591	139065	3.47%	0.073%
254	8.026	8.021	8.032	HH	5264	36276	0.91%	0.019%
255	8.053	8.032	8.088	HH	5605	178698	4.46%	0.094%
256	8.114	8.088	8.138	HH	6414	171618	4.28%	0.090%
257	8.144	8.138	8.149	HH	5485	38170	0.95%	0.020%
258	8.158	8.149	8.168	HH	5494	60189	1.50%	0.032%
259	8.176	8.168	8.200	HH	5578	105786	2.64%	0.055%
260	8.218	8.200	8.226	HH	5732	87680	2.19%	0.046%
261	8.249	8.226	8.254	HH	5720	95714	2.39%	0.050%
262	8.296	8.254	8.334	HH	14502	383531	9.57%	0.201%
263	8.340	8.334	8.372	HH	6425	138585	3.46%	0.073%
264	8.403	8.372	8.521	HH	16730	852763	21.28%	0.447%
265	8.534	8.521	8.561	HH	7149	167386	4.18%	0.088%
266	8.585	8.561	8.603	HH	6889	170346	4.25%	0.089%
267	8.613	8.603	8.634	HH	6683	122935	3.07%	0.064%
268	8.654	8.634	8.686	HH	6943	209240	5.22%	0.110%
269	8.715	8.686	8.729	HH	7791	190675	4.76%	0.100%
270	8.742	8.729	8.769	HH	7921	173451	4.33%	0.091%
271	8.785	8.769	8.805	HH	8319	161987	4.04%	0.085%
272	8.827	8.805	8.857	HH	13969	293469	7.32%	0.154%
273	8.883	8.857	8.929	HH	8951	322640	8.05%	0.169%
274	8.953	8.929	8.961	HH	7442	139726	3.49%	0.073%
275	8.973	8.961	9.020	HH	7875	259925	6.49%	0.136%
276	9.070	9.020	9.090	HH	8290	323872	8.08%	0.170%
277	9.114	9.090	9.159	HH	34001	596999	14.90%	0.313%
278	9.164	9.159	9.179	HH	7935	95025	2.37%	0.050%
279	9.197	9.179	9.218	HH	9051	195037	4.87%	0.102%
280	9.235	9.218	9.263	HH	8441	221683	5.53%	0.116%
281	9.268	9.263	9.272	HH	8069	44929	1.12%	0.024%
282	9.289	9.272	9.322	HH	9034	249490	6.23%	0.131%
283	9.349	9.322	9.365	HH	8248	206096	5.14%	0.108%
284	9.394	9.365	9.406	HH	8242	198570	4.95%	0.104%
285	9.415	9.406	9.430	HH	8279	113793	2.84%	0.060%
286	9.436	9.430	9.456	HH	8158	128833	3.21%	0.068%
287	9.462	9.456	9.467	HH	8030	53005	1.32%	0.028%
288	9.490	9.467	9.520	HH	11890	320200	7.99%	0.168%
289	9.533	9.520	9.549	HH	10382	164578	4.11%	0.086%
290	9.576	9.549	9.596	HH	10642	272844	6.81%	0.143%
291	9.618	9.596	9.635	HH	12234	239850	5.98%	0.126%
292	9.645	9.635	9.657	HH	10207	129985	3.24%	0.068%
293	9.672	9.657	9.700	HH	11353	246292	6.15%	0.129%
294	9.726	9.700	9.746	HH	9971	252575	6.30%	0.132%
295	9.757	9.746	9.766	HH	8760	104954	2.62%	0.055%
296	9.777	9.766	9.789	HH	8677	117870	2.94%	0.062%
297	9.817	9.789	9.824	HH	9280	191662	4.78%	0.100%
298	9.849	9.824	9.858	HH	9899	193865	4.84%	0.102%
299	9.890	9.858	9.938	HH	38618	757487	18.90%	0.397%

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300	9.957	9.938	9.969	HH	10341	188055	4.69%	0.099%
301	9.974	9.969	9.983	HH	10318	85350	2.13%	0.045%
302	9.992	9.983	10.034	HH	10334	302209	7.54%	0.158%
303	10.040	10.034	10.050	HH	9233	84097	2.10%	0.044%
304	10.064	10.050	10.082	HH	9436	180347	4.50%	0.095%
305	10.102	10.082	10.121	HH	9585	218420	5.45%	0.114%
306	10.126	10.121	10.130	HH	9453	49396	1.23%	0.026%
307	10.133	10.130	10.141	HH	9456	64781	1.62%	0.034%
308	10.169	10.141	10.195	HH	9863	305524	7.62%	0.160%
309	10.236	10.195	10.249	HH	12306	340060	8.49%	0.178%
310	10.277	10.249	10.306	HH	16783	439026	10.95%	0.230%
311	10.328	10.306	10.351	HH	11516	284843	7.11%	0.149%
312	10.368	10.351	10.398	HH	12611	312562	7.80%	0.164%
313	10.421	10.398	10.458	HH	12431	376616	9.40%	0.197%
314	10.463	10.458	10.491	HH	9835	194612	4.86%	0.102%
315	10.516	10.491	10.533	HH	10137	246691	6.16%	0.129%
316	10.556	10.533	10.574	HH	11435	269564	6.73%	0.141%
317	10.579	10.574	10.584	HH	10541	63600	1.59%	0.033%
318	10.627	10.584	10.669	HH	32384	761193	18.99%	0.399%
319	10.694	10.669	10.722	HH	14951	400341	9.99%	0.210%
320	10.729	10.722	10.739	HH	10948	111424	2.78%	0.058%
321	10.755	10.739	10.782	HH	11224	270929	6.76%	0.142%
322	10.792	10.782	10.807	HH	10235	151772	3.79%	0.080%
323	10.815	10.807	10.829	HH	10225	137228	3.42%	0.072%
324	10.847	10.829	10.865	HH	10333	218197	5.44%	0.114%
325	10.889	10.865	10.916	HH	10263	307586	7.67%	0.161%
326	10.946	10.916	10.987	HH	11358	458589	11.44%	0.240%
327	11.020	10.987	11.034	HH	11616	313713	7.83%	0.164%
328	11.042	11.034	11.064	HH	10810	188974	4.72%	0.099%
329	11.081	11.064	11.118	HH	11222	335311	8.37%	0.176%
330	11.135	11.118	11.171	HH	10900	333877	8.33%	0.175%
331	11.188	11.171	11.219	HH	10115	286388	7.15%	0.150%
332	11.229	11.219	11.234	HH	10055	92095	2.30%	0.048%
333	11.240	11.234	11.249	HH	10096	88785	2.22%	0.047%
334	11.267	11.249	11.299	HH	10302	306476	7.65%	0.161%
335	11.329	11.299	11.391	HH	17699	648223	16.17%	0.340%
336	11.416	11.391	11.468	HH	11752	482457	12.04%	0.253%
337	11.483	11.468	11.496	HH	10095	168609	4.21%	0.088%
338	11.515	11.496	11.526	HH	10388	183437	4.58%	0.096%
339	11.531	11.526	11.555	HH	10418	181455	4.53%	0.095%
340	11.566	11.555	11.584	HH	10160	176392	4.40%	0.092%
341	11.592	11.584	11.604	HH	10042	115592	2.88%	0.061%
342	11.629	11.604	11.647	HH	10363	267203	6.67%	0.140%
343	11.651	11.647	11.671	HH	10229	143679	3.59%	0.075%
344	11.686	11.671	11.707	HH	10231	216674	5.41%	0.114%
345	11.730	11.707	11.750	HH	10848	267928	6.69%	0.140%
346	11.762	11.750	11.790	HH	10181	241997	6.04%	0.127%
347	11.814	11.790	11.866	HH	10362	459508	11.47%	0.241%
348	11.871	11.866	11.897	HH	10056	186071	4.64%	0.098%
349	11.907	11.897	11.921	HH	10143	146045	3.64%	0.077%
350	11.929	11.921	11.959	HH	10250	229954	5.74%	0.120%
351	12.000	11.959	12.036	HH	11699	491302	12.26%	0.257%

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352	12.041	12.036	12.053	HH	10474	107740	2.69%	0.056%
353	12.073	12.053	12.118	HH	10818	410619	10.25%	0.215%
354	12.142	12.118	12.179	HH	10508	382474	9.54%	0.200%
355	12.192	12.179	12.198	HH	10326	112202	2.80%	0.059%
356	12.207	12.198	12.228	HH	10629	187780	4.69%	0.098%
357	12.231	12.228	12.259	HH	10290	193220	4.82%	0.101%
358	12.282	12.259	12.311	HH	10721	321277	8.02%	0.168%
359	12.327	12.311	12.350	HH	11357	252776	6.31%	0.132%
360	12.373	12.350	12.381	HH	10417	195764	4.88%	0.103%
361	12.392	12.381	12.397	HH	10475	98194	2.45%	0.051%
362	12.408	12.397	12.439	HH	10720	267633	6.68%	0.140%
363	12.466	12.439	12.505	HH	10529	411464	10.27%	0.216%
364	12.527	12.505	12.552	HH	10693	298971	7.46%	0.157%
365	12.573	12.552	12.588	HH	10922	229399	5.72%	0.120%
366	12.600	12.588	12.619	HH	10845	204826	5.11%	0.107%
367	12.636	12.619	12.657	HH	11723	251001	6.26%	0.132%
368	12.663	12.657	12.679	HH	10842	145241	3.62%	0.076%
369	12.706	12.679	12.721	HH	11022	266676	6.65%	0.140%
370	12.744	12.721	12.793	HH	11041	468392	11.69%	0.245%
371	12.821	12.793	12.853	HH	10776	381835	9.53%	0.200%
372	12.920	12.853	12.934	HH	10955	530508	13.24%	0.278%
373	12.961	12.934	12.986	HH	11643	346917	8.66%	0.182%
374	13.024	12.986	13.037	HH	11159	338811	8.45%	0.178%
375	13.090	13.037	13.111	HH	11959	510978	12.75%	0.268%
376	13.132	13.111	13.153	HH	11710	290218	7.24%	0.152%
377	13.172	13.153	13.218	HH	12367	456175	11.38%	0.239%
378	13.245	13.218	13.259	HH	12008	286218	7.14%	0.150%
379	13.280	13.259	13.299	HH	11759	282092	7.04%	0.148%
380	13.314	13.299	13.399	HH	11910	681489	17.00%	0.357%
381	13.480	13.399	13.528	HH	11679	888349	22.17%	0.465%
382	13.558	13.528	13.565	HH	11925	264277	6.59%	0.138%
383	13.579	13.565	13.611	HH	11984	325025	8.11%	0.170%
384	13.630	13.611	13.649	HH	12267	276562	6.90%	0.145%
385	13.662	13.649	13.672	HH	11865	163479	4.08%	0.086%
386	13.686	13.672	13.750	HH	12030	552983	13.80%	0.290%
387	13.790	13.750	13.813	HH	20280	538521	13.44%	0.282%
388	13.828	13.813	13.854	HH	14294	320487	8.00%	0.168%
389	13.873	13.854	13.911	HH	12284	414208	10.34%	0.217%
390	13.919	13.911	13.940	HH	12036	205911	5.14%	0.108%
391	13.955	13.940	14.001	HH	12115	442492	11.04%	0.232%
392	14.022	14.001	14.031	HH	12112	220114	5.49%	0.115%
393	14.061	14.031	14.084	HH	12176	384227	9.59%	0.201%
394	14.125	14.084	14.139	HH	12120	398175	9.94%	0.209%
395	14.191	14.139	14.229	HH	12521	662527	16.53%	0.347%
396	14.283	14.229	14.326	HH	14057	779170	19.44%	0.408%
397	14.337	14.326	14.369	HH	13619	343167	8.56%	0.180%
398	14.389	14.369	14.421	HH	13382	399418	9.97%	0.209%
399	14.439	14.421	14.449	HH	13802	226093	5.64%	0.118%
400	14.465	14.449	14.492	HH	16581	380554	9.50%	0.199%
401	14.511	14.492	14.566	HH	15494	627893	15.67%	0.329%
402	14.586	14.566	14.650	HH	13277	650005	16.22%	0.341%
403	14.670	14.650	14.694	HH	14162	363988	9.08%	0.191%
404	14.726	14.694	14.761	HH	234323	3029017	75.58%	1.587%

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405	14.770	14.761	14.799	HH	13781	311983	7.78%	0.163%
406	14.825	14.799	14.858	HH	13687	473210	11.81%	0.248%
407	14.896	14.858	14.914	HH	17301	505024	12.60%	0.265%
408	14.929	14.914	14.964	HH	15781	431408	10.76%	0.226%
409	14.984	14.964	15.033	HH	20024	628392	15.68%	0.329%
410	15.039	15.033	15.054	HH	13454	173562	4.33%	0.091%
411	15.063	15.054	15.079	HH	13428	200913	5.01%	0.105%
412	15.092	15.079	15.100	HH	13367	164814	4.11%	0.086%
413	15.130	15.100	15.159	HH	13558	471428	11.76%	0.247%
414	15.177	15.159	15.189	HH	13449	246260	6.14%	0.129%
415	15.222	15.189	15.234	HH	13561	363539	9.07%	0.190%
416	15.248	15.234	15.264	HH	13548	243415	6.07%	0.128%
417	15.313	15.264	15.464	HH	81314	3207801	80.04%	1.681%
418	15.476	15.464	15.495	HH	16419	302149	7.54%	0.158%
419	15.526	15.495	15.683	HH	46980	2063921	51.50%	1.081%
420	15.689	15.683	15.724	HH	14551	362233	9.04%	0.190%
421	15.741	15.724	15.761	HH	14629	318051	7.94%	0.167%
422	15.772	15.761	15.801	HH	14552	348113	8.69%	0.182%
423	15.861	15.801	15.896	HH	15861	853950	21.31%	0.447%
424	15.908	15.896	15.929	HH	15488	301351	7.52%	0.158%
425	15.947	15.929	15.994	HH	16407	600801	14.99%	0.315%
426	16.022	15.994	16.061	HH	16457	607022	15.15%	0.318%
427	16.084	16.061	16.128	HH	15068	599659	14.96%	0.314%
428	16.151	16.128	16.181	HH	16083	490439	12.24%	0.257%
429	16.253	16.181	16.283	HH	15213	913922	22.80%	0.479%
430	16.350	16.283	16.373	HH	18242	889527	22.20%	0.466%
431	16.392	16.373	16.413	HH	20572	447914	11.18%	0.235%
432	16.426	16.413	16.483	HH	17883	703221	17.55%	0.368%
433	16.511	16.483	16.569	HH	20582	884508	22.07%	0.463%
434	16.589	16.569	16.612	HH	16109	406278	10.14%	0.213%
435	16.630	16.612	16.661	HH	15957	465680	11.62%	0.244%
436	16.733	16.661	16.748	HH	15875	819521	20.45%	0.429%
437	16.783	16.748	16.803	HH	16509	534088	13.33%	0.280%
438	16.860	16.803	16.873	HH	17727	701444	17.50%	0.368%
439	16.893	16.873	16.921	HH	21668	527306	13.16%	0.276%
440	16.941	16.921	16.962	HH	18670	429298	10.71%	0.225%
441	16.980	16.962	17.034	HH	19220	749064	18.69%	0.393%
442	17.051	17.034	17.069	HH	16531	345679	8.63%	0.181%
443	17.104	17.069	17.123	HH	16706	529566	13.21%	0.277%
444	17.167	17.123	17.208	HH	16857	849873	21.21%	0.445%
445	17.310	17.208	17.322	HH	18395	1196208	29.85%	0.627%
446	17.343	17.322	17.374	HH	24104	617263	15.40%	0.323%
447	17.389	17.374	17.411	HH	17503	387218	9.66%	0.203%
448	17.435	17.411	17.469	HH	20762	647336	16.15%	0.339%
449	17.479	17.469	17.508	HH	17569	408545	10.19%	0.214%
450	17.567	17.508	17.598	HH	18204	942451	23.52%	0.494%
451	17.645	17.598	17.669	HH	17939	764445	19.07%	0.401%
452	17.694	17.669	17.708	HH	17967	414274	10.34%	0.217%
453	17.745	17.708	17.759	HH	20586	593399	14.81%	0.311%
454	17.779	17.759	17.809	HH	25130	627717	15.66%	0.329%
455	17.874	17.809	17.921	HH	32295	1423000	35.51%	0.746%
456	17.942	17.921	17.962	HH	20351	488748	12.19%	0.256%

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457	17.978	17.962	17.988	HH	19874	297142	7.41%	0.156%
458	18.003	17.988	18.012	HH	20178	286596	7.15%	0.150%
459	18.032	18.012	18.078	HH	25187	854431	21.32%	0.448%
460	18.144	18.078	18.186	HH	40061	1850992	46.19%	0.970%
461	18.201	18.186	18.283	HH	31246	1435895	35.83%	0.752%
462	18.309	18.283	18.390	HH	25850	1415288	35.31%	0.742%
463	18.411	18.390	18.428	HH	20568	468215	11.68%	0.245%
464	18.448	18.428	18.472	HH	20842	548524	13.69%	0.287%
465	18.511	18.472	18.544	HH	24756	946116	23.61%	0.496%
466	18.605	18.544	18.646	HH	31589	1436979	35.85%	0.753%
467	18.652	18.646	18.675	HH	21788	377402	9.42%	0.198%
468	18.714	18.675	18.750	HH	31209	1084280	27.05%	0.568%
469	18.787	18.750	18.831	HH	23272	1088648	27.16%	0.570%
470	18.839	18.831	18.899	HH	21884	876630	21.87%	0.459%
471	18.930	18.899	18.949	HH	22327	659651	16.46%	0.346%
472	19.002	18.949	19.023	HH	36401	1309629	32.68%	0.686%
473	19.033	19.023	19.101	HH	31197	1310553	32.70%	0.687%
474	19.112	19.101	19.136	HH	25142	522411	13.03%	0.274%
475	19.161	19.136	19.176	HH	25558	592906	14.79%	0.311%
476	19.190	19.176	19.199	HH	25655	350606	8.75%	0.184%
477	19.216	19.199	19.242	HH	28849	662211	16.52%	0.347%
478	19.270	19.242	19.331	HH	23990	1250242	31.20%	0.655%
479	19.349	19.331	19.366	HH	24073	491709	12.27%	0.258%
480	19.390	19.366	19.421	HH	27310	814622	20.33%	0.427%
481	19.433	19.421	19.463	HH	23355	577096	14.40%	0.302%
482	19.500	19.463	19.567	HH	31839	1627392	40.61%	0.853%
483	19.587	19.567	19.606	HH	24997	564664	14.09%	0.296%
484	19.627	19.606	19.656	HH	26027	742711	18.53%	0.389%
485	19.677	19.656	19.723	HH	25642	989200	24.68%	0.518%
486	19.775	19.723	19.837	HH	30339	1766454	44.08%	0.926%
487	19.848	19.837	19.858	HH	24597	300068	7.49%	0.157%
488	19.878	19.858	19.901	HH	24688	639304	15.95%	0.335%
489	19.950	19.901	19.968	HH	24558	978792	24.42%	0.513%
490	20.021	19.968	20.072	HH	31383	1652409	41.23%	0.866%
491	20.090	20.072	20.101	HH	25602	437158	10.91%	0.229%
492	20.130	20.101	20.156	HH	28767	880142	21.96%	0.461%
493	20.173	20.156	20.200	HH	26311	675639	16.86%	0.354%
494	20.254	20.200	20.278	HH	26593	1213853	30.29%	0.636%
495	20.302	20.278	20.371	HH	45518	1696793	42.34%	0.889%
496	20.393	20.371	20.433	HH	26525	977414	24.39%	0.512%
497	20.456	20.433	20.469	HH	27181	578764	14.44%	0.303%
498	20.486	20.469	20.515	HH	28691	758725	18.93%	0.398%
499	20.530	20.515	20.549	HH	26587	539134	13.45%	0.283%
500	20.565	20.549	20.575	HH	26501	411755	10.27%	0.216%
501	20.592	20.575	20.616	HH	26566	644131	16.07%	0.338%
502	20.653	20.616	20.733	HH	27458	1873727	46.75%	0.982%
503	20.774	20.733	20.793	HH	26832	959151	23.93%	0.503%
504	20.810	20.793	20.838	HH	26955	723813	18.06%	0.379%
505	20.868	20.838	20.911	HH	29182	1207437	30.13%	0.633%
506	20.917	20.911	20.933	HH	26731	345792	8.63%	0.181%
507	20.953	20.933	20.974	HH	26683	660757	16.49%	0.346%
508	21.021	20.974	21.054	HH	26816	1287175	32.12%	0.674%
509	21.094	21.054	21.108	HH	26641	850580	21.22%	0.446%

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510	21.111	21.108	21.127	HH	26585	313554	7.82%	0.164%
511	21.138	21.127	21.154	HH	26611	429727	10.72%	0.225%
512	21.190	21.154	21.241	HH	27251	1398967	34.91%	0.733%
513	21.248	21.241	21.254	HH	26771	205057	5.12%	0.107%
514	21.296	21.254	21.384	HH	29007	2141247	53.43%	1.122%
515	21.397	21.384	21.412	HH	26750	447868	11.17%	0.235%
516	21.445	21.412	21.509	HH	26794	1555797	38.82%	0.815%
517	21.537	21.509	21.611	HH	27377	1638530	40.88%	0.859%
518	21.627	21.611	21.643	HH	26781	507372	12.66%	0.266%
519	21.659	21.643	21.703	HH	26777	966334	24.11%	0.506%
520	21.776	21.703	21.811	HH	28636	1774375	44.27%	0.930%
521	21.817	21.811	21.901	HH	27535	1455946	36.33%	0.763%
522	21.924	21.901	21.954	HH	26799	842623	21.02%	0.442%
523	21.974	21.954	21.988	HH	26747	546288	13.63%	0.286%
524	22.001	21.988	22.011	HH	26717	367497	9.17%	0.193%
525	22.021	22.011	22.043	HH	26822	514507	12.84%	0.270%
526	22.049	22.043	22.059	HH	26759	267417	6.67%	0.140%
527	22.067	22.059	22.100	HH	26784	655602	16.36%	0.344%
528	22.119	22.100	22.153	HH	26713	836812	20.88%	0.438%
529	22.184	22.153	22.198	HH	26788	723150	18.04%	0.379%
530	22.205	22.198	22.274	HH	26811	1229499	30.68%	0.644%
531	22.323	22.274	22.378	HH	27891	1682659	41.98%	0.882%
532	22.426	22.378	22.464	HH	26823	1392107	34.74%	0.729%
533	22.483	22.464	22.499	HH	26881	554950	13.85%	0.291%
534	22.562	22.499	22.611	HH	27305	1813928	45.26%	0.950%
535	22.638	22.611	22.740	HH	27126	2080975	51.92%	1.090%
536	22.748	22.740	22.844	HH	26742	1666427	41.58%	0.873%
537	22.955	22.844	23.092	HH	27728	4007776	100.00%	2.100%
538	23.099	23.092	23.132	HH	26787	642061	16.02%	0.336%
539	23.138	23.132	23.155	HH	26754	377052	9.41%	0.198%
540	23.187	23.155	23.205	HH	26834	788617	19.68%	0.413%
541	23.217	23.205	23.232	HH	26819	444889	11.10%	0.233%
542	23.245	23.232	23.284	HH	26796	837189	20.89%	0.439%
543	23.364	23.284	23.386	HH	26874	1628920	40.64%	0.854%
544	23.399	23.386	23.422	HH	26862	583018	14.55%	0.306%
545	23.468	23.422	23.593	HH	27130	2756642	68.78%	1.444%
546	23.599	23.593	23.616	HH	26786	379929	9.48%	0.199%
547	23.681	23.616	23.755	HH	27357	2250197	56.15%	1.179%
548	23.764	23.755	23.774	HH	26769	305007	7.61%	0.160%
549	23.796	23.774	23.819	HH	26797	711117	17.74%	0.373%
550	23.824	23.819	23.882	HH	26747	1015321	25.33%	0.532%
551	23.901	23.882	23.917	HH	26804	559061	13.95%	0.293%
552	23.929	23.917	23.986	HH	26800	1109700	27.69%	0.581%
553	23.999	23.986	24.015	HH	26838	470690	11.74%	0.247%
554	24.023	24.015	24.033	HH	26748	277207	6.92%	0.145%
555	24.041	24.033	24.067	HH	26766	556460	13.88%	0.292%
556	24.097	24.067	24.106	HH	26793	629958	15.72%	0.330%
557	24.116	24.106	24.123	HH	26760	272967	6.81%	0.143%
558	24.136	24.123	24.182	HH	26798	935961	23.35%	0.490%
559	24.189	24.182	24.244	HH	26697	993151	24.78%	0.520%
560	24.277	24.244	24.292	HH	26704	763629	19.05%	0.400%
561	24.348	24.292	24.369	HH	26719	1232587	30.75%	0.646%

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562	24.383	24.369	24.412	HH	26652	688496	17.18%	0.361%	
563	24.419	24.412	24.448	HH	26664	570078	14.22%	0.299%	
564	24.519	24.448	24.619	HH	28043	2795156	69.74%	1.465%	
565	24.627	24.619	24.652	HHA	26962	564305	14.08%	0.296%	

Sum of corrected areas: 190839817

C44-FE012918.M Wed Feb 14 08:39:20 2018 RPT-1