

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE011718\
Data File : FE025667.D
Signal(s) : FID1B.CH
Acq On : 18 Jan 2018 00:32
Sample : J1163-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE010418.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.466	2.461	2.475	PH	158	734	0.01%	0.000%
2	2.484	2.475	2.488	PH	223	1111	0.01%	0.000%
3	2.492	2.488	2.501	HH	308	1114	0.01%	0.000%
4	2.506	2.501	2.518	PH	186	1231	0.02%	0.000%
5	2.522	2.518	2.553	HH	300	3410	0.05%	0.001%
6	2.563	2.553	2.569	HH	378	2132	0.03%	0.001%
7	2.579	2.569	2.584	HH	469	2280	0.03%	0.001%
8	2.590	2.584	2.615	HH	254	3540	0.05%	0.001%
9	2.634	2.615	2.640	PH	361	3768	0.05%	0.001%
10	2.651	2.640	2.680	HH	346	6517	0.09%	0.002%
11	2.684	2.680	2.690	HH	446	1683	0.02%	0.001%
12	2.705	2.690	2.711	HH	569	5317	0.07%	0.002%
13	2.726	2.711	2.734	HH	732	7572	0.10%	0.002%
14	2.749	2.734	2.773	HH	826	13206	0.17%	0.004%
15	2.777	2.773	2.792	HH	594	5053	0.07%	0.002%
16	2.798	2.792	2.819	HH	422	6268	0.08%	0.002%
17	2.823	2.819	2.829	HH	484	2547	0.03%	0.001%
18	2.837	2.829	2.847	HH	622	5118	0.07%	0.002%
19	2.851	2.847	2.855	HH	550	2173	0.03%	0.001%
20	2.858	2.855	2.862	HH	526	1889	0.03%	0.001%
21	2.865	2.862	2.873	HH	508	3068	0.04%	0.001%
22	2.878	2.873	2.896	HH	529	6382	0.08%	0.002%
23	2.904	2.896	2.910	HH	503	3544	0.05%	0.001%
24	2.924	2.910	2.929	HH	703	5907	0.08%	0.002%
25	2.941	2.929	2.967	HH	792	13386	0.18%	0.004%
26	2.974	2.967	2.978	HH	692	3677	0.05%	0.001%
27	2.982	2.978	2.988	HH	578	3098	0.04%	0.001%
28	3.000	2.988	3.005	HH	647	5821	0.08%	0.002%
29	3.008	3.005	3.018	HH	680	4650	0.06%	0.001%
30	3.024	3.018	3.030	HH	641	4548	0.06%	0.001%
31	3.033	3.030	3.042	HH	809	4559	0.06%	0.001%
32	3.054	3.042	3.085	HH	859	18191	0.24%	0.006%
33	3.093	3.085	3.103	HH	870	8606	0.11%	0.003%
34	3.117	3.103	3.129	HH	863	12066	0.16%	0.004%
35	3.135	3.129	3.138	HH	998	4813	0.06%	0.002%
36	3.141	3.138	3.166	HH	1009	14993	0.20%	0.005%

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37	3.191	3.166	3.224	HH	931	29091	0.39%	0.009%
38	3.241	3.224	3.246	HH	1028	12050	0.16%	0.004%
39	3.255	3.246	3.263	HH	977	9321	0.12%	0.003%
40	3.268	3.263	3.277	HH	1199	8299	0.11%	0.003%
41	3.281	3.277	3.288	HH	1081	6223	0.08%	0.002%
42	3.294	3.288	3.318	HH	963	16569	0.22%	0.005%
43	3.323	3.318	3.331	HH	948	7316	0.10%	0.002%
44	3.336	3.331	3.340	HH	979	4343	0.06%	0.001%
45	3.354	3.340	3.365	HH	1021	14514	0.19%	0.005%
46	3.368	3.365	3.371	HH	1018	3763	0.05%	0.001%
47	3.386	3.371	3.392	HH	1117	11906	0.16%	0.004%
48	3.398	3.392	3.406	HH	1114	8444	0.11%	0.003%
49	3.462	3.406	3.470	HH	1200	40850	0.54%	0.013%
50	3.476	3.470	3.480	HH	1225	6738	0.09%	0.002%
51	3.483	3.480	3.486	HH	1198	4085	0.05%	0.001%
52	3.501	3.486	3.510	HH	1456	19121	0.25%	0.006%
53	3.516	3.510	3.538	HH	1420	22110	0.29%	0.007%
54	3.543	3.538	3.553	HH	1440	12373	0.16%	0.004%
55	3.568	3.553	3.594	HH	1459	31749	0.42%	0.010%
56	3.598	3.594	3.607	HH	1369	9543	0.13%	0.003%
57	3.621	3.607	3.628	HH	1455	16844	0.22%	0.005%
58	3.631	3.628	3.647	HH	1465	15805	0.21%	0.005%
59	3.663	3.647	3.674	HH	1501	22549	0.30%	0.007%
60	3.692	3.674	3.708	HH	1506	28444	0.38%	0.009%
61	3.732	3.708	3.754	HH	1542	39869	0.53%	0.013%
62	3.756	3.754	3.759	HH	1460	4436	0.06%	0.001%
63	3.775	3.759	3.781	HH	1601	18922	0.25%	0.006%
64	3.787	3.781	3.812	HH	1657	29022	0.38%	0.009%
65	3.824	3.812	3.829	HH	1706	16600	0.22%	0.005%
66	3.837	3.829	3.856	HH	1728	25472	0.34%	0.008%
67	3.869	3.856	3.883	HH	1734	26747	0.35%	0.008%
68	3.888	3.883	3.894	HH	1645	10382	0.14%	0.003%
69	3.901	3.894	3.907	HH	1595	12178	0.16%	0.004%
70	3.942	3.907	3.953	HH	1996	48808	0.65%	0.015%
71	3.959	3.953	3.964	HH	1798	12072	0.16%	0.004%
72	3.969	3.964	3.983	HH	1695	18440	0.24%	0.006%
73	3.987	3.983	3.997	HH	1780	15425	0.20%	0.005%
74	4.035	3.997	4.057	HH	2316	69982	0.93%	0.022%
75	4.072	4.057	4.110	HH	2075	63398	0.84%	0.020%
76	4.115	4.110	4.124	HH	2048	16120	0.21%	0.005%
77	4.150	4.124	4.160	HH	2068	41567	0.55%	0.013%
78	4.168	4.160	4.176	HH	2049	19066	0.25%	0.006%
79	4.194	4.176	4.204	HH	2263	36450	0.48%	0.011%
80	4.220	4.204	4.338	HH	9029	439775	5.83%	0.138%
81	4.354	4.338	4.387	HH	3816	102508	1.36%	0.032%
82	4.392	4.387	4.420	HH	3186	59996	0.79%	0.019%
83	4.428	4.420	4.456	HH	2928	61017	0.81%	0.019%
84	4.461	4.456	4.466	HH	2910	16995	0.23%	0.005%
85	4.472	4.466	4.503	HH	2884	61412	0.81%	0.019%
86	4.512	4.503	4.516	HH	2899	22593	0.30%	0.007%
87	4.530	4.516	4.540	HH	2891	40521	0.54%	0.013%
88	4.567	4.540	4.619	HH	4003	145337	1.93%	0.046%
89	4.636	4.619	4.642	HH	2964	39580	0.52%	0.012%

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90	4.651	4.642	4.669	HH	3027	47598	0.63%	0.015%
91	4.674	4.669	4.681	HH	2923	19960	0.26%	0.006%
92	4.685	4.681	4.710	HH	2910	49602	0.66%	0.016%
93	4.733	4.710	4.766	HH	3548	104853	1.39%	0.033%
94	4.775	4.766	4.789	HH	3197	43858	0.58%	0.014%
95	4.793	4.789	4.802	HH	3182	23556	0.31%	0.007%
96	4.817	4.802	4.833	HH	3540	60249	0.80%	0.019%
97	4.851	4.833	4.868	HH	3155	61770	0.82%	0.019%
98	4.881	4.868	4.885	HH	3040	31201	0.41%	0.010%
99	4.898	4.885	4.924	HH	3655	77633	1.03%	0.024%
100	4.935	4.924	4.959	HH	3212	64008	0.85%	0.020%
101	4.976	4.959	4.997	HH	3316	71980	0.95%	0.023%
102	5.015	4.997	5.024	HH	3161	49469	0.66%	0.016%
103	5.044	5.024	5.075	HH	3300	95067	1.26%	0.030%
104	5.085	5.075	5.091	HH	3085	29711	0.39%	0.009%
105	5.116	5.091	5.124	HH	3256	60905	0.81%	0.019%
106	5.129	5.124	5.144	HH	3166	37148	0.49%	0.012%
107	5.172	5.144	5.193	HH	3599	95776	1.27%	0.030%
108	5.211	5.193	5.226	HH	3658	67231	0.89%	0.021%
109	5.244	5.226	5.267	HH	3861	87244	1.16%	0.027%
110	5.273	5.267	5.278	HH	3401	21638	0.29%	0.007%
111	5.284	5.278	5.296	HH	3443	36839	0.49%	0.012%
112	5.308	5.296	5.324	HH	3867	61147	0.81%	0.019%
113	5.334	5.324	5.346	HH	3397	44122	0.58%	0.014%
114	5.358	5.346	5.366	HH	3428	39060	0.52%	0.012%
115	5.371	5.366	5.376	HH	3320	19754	0.26%	0.006%
116	5.383	5.376	5.388	HH	3394	24827	0.33%	0.008%
117	5.410	5.388	5.424	HH	3606	74078	0.98%	0.023%
118	5.426	5.424	5.444	HH	3520	41212	0.55%	0.013%
119	5.466	5.444	5.478	HH	3716	71689	0.95%	0.023%
120	5.498	5.478	5.508	HH	3769	66956	0.89%	0.021%
121	5.516	5.508	5.528	HH	3712	42613	0.56%	0.013%
122	5.541	5.528	5.546	HH	3670	39537	0.52%	0.012%
123	5.551	5.546	5.563	HH	3717	35559	0.47%	0.011%
124	5.566	5.563	5.569	HH	3669	14794	0.20%	0.005%
125	5.573	5.569	5.578	HH	3615	17359	0.23%	0.005%
126	5.604	5.578	5.632	HH	6442	150656	2.00%	0.047%
127	5.637	5.632	5.652	HH	4238	49105	0.65%	0.015%
128	5.670	5.652	5.717	HH	4104	148859	1.97%	0.047%
129	5.743	5.717	5.759	HH	4016	99941	1.32%	0.031%
130	5.792	5.759	5.813	HH	5014	142624	1.89%	0.045%
131	5.818	5.813	5.825	HH	3995	28576	0.38%	0.009%
132	5.844	5.825	5.849	HH	4238	59494	0.79%	0.019%
133	5.853	5.849	5.860	HH	4197	25214	0.33%	0.008%
134	5.866	5.860	5.871	HH	4070	26834	0.36%	0.008%
135	5.886	5.871	5.896	HH	4630	65532	0.87%	0.021%
136	5.906	5.896	5.937	HH	4520	106020	1.40%	0.033%
137	5.953	5.937	5.960	HH	4609	60165	0.80%	0.019%
138	5.969	5.960	5.976	HH	4441	41937	0.56%	0.013%
139	6.015	5.976	6.040	HH	4455	164923	2.18%	0.052%
140	6.056	6.040	6.078	HH	4563	98149	1.30%	0.031%
141	6.101	6.078	6.112	HH	4647	91905	1.22%	0.029%

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142	6.122	6.112	6.142	HH	4700	82512	1.09%	0.026%
143	6.162	6.142	6.186	HH	5250	126800	1.68%	0.040%
144	6.200	6.186	6.221	HH	5246	100587	1.33%	0.032%
145	6.245	6.221	6.274	HH	5645	166267	2.20%	0.052%
146	6.294	6.274	6.318	HH	8220	161477	2.14%	0.051%
147	6.326	6.318	6.361	HH	5304	133524	1.77%	0.042%
148	6.375	6.361	6.388	HH	5169	79903	1.06%	0.025%
149	6.393	6.388	6.411	HH	5233	70722	0.94%	0.022%
150	6.423	6.411	6.444	HH	5386	102872	1.36%	0.032%
151	6.466	6.444	6.496	HH	5758	166764	2.21%	0.052%
152	6.518	6.496	6.532	HH	5708	118441	1.57%	0.037%
153	6.546	6.532	6.555	HH	5762	76499	1.01%	0.024%
154	6.585	6.555	6.638	HH	10832	350876	4.65%	0.110%
155	6.642	6.638	6.675	HH	5882	127425	1.69%	0.040%
156	6.683	6.675	6.691	HH	5794	54399	0.72%	0.017%
157	6.701	6.691	6.709	HH	5873	64206	0.85%	0.020%
158	6.730	6.709	6.756	HH	9600	198426	2.63%	0.062%
159	6.760	6.756	6.762	HH	6189	23609	0.31%	0.007%
160	6.773	6.762	6.791	HH	6438	105825	1.40%	0.033%
161	6.798	6.791	6.829	HH	6202	138077	1.83%	0.043%
162	6.860	6.829	6.872	HH	6184	152318	2.02%	0.048%
163	6.892	6.872	6.899	HH	7763	112800	1.49%	0.035%
164	6.905	6.899	6.939	HH	7858	171036	2.27%	0.054%
165	6.945	6.939	6.959	HH	6392	77271	1.02%	0.024%
166	6.974	6.959	6.997	HH	6349	140763	1.86%	0.044%
167	7.038	6.997	7.063	HH	6602	248560	3.29%	0.078%
168	7.087	7.063	7.093	HH	7525	123441	1.64%	0.039%
169	7.099	7.093	7.124	HH	7572	133879	1.77%	0.042%
170	7.141	7.124	7.169	HH	7828	185874	2.46%	0.058%
171	7.187	7.169	7.210	HH	8431	180904	2.40%	0.057%
172	7.215	7.210	7.226	HH	6768	63206	0.84%	0.020%
173	7.243	7.226	7.266	HH	7827	167803	2.22%	0.053%
174	7.283	7.266	7.301	HH	13076	198420	2.63%	0.062%
175	7.305	7.301	7.328	HH	7862	121211	1.61%	0.038%
176	7.339	7.328	7.358	HH	7295	123474	1.64%	0.039%
177	7.367	7.358	7.374	HH	6713	64563	0.86%	0.020%
178	7.390	7.374	7.404	HH	7826	131206	1.74%	0.041%
179	7.430	7.404	7.451	HH	7272	198168	2.62%	0.062%
180	7.476	7.451	7.489	HH	7585	165332	2.19%	0.052%
181	7.508	7.489	7.550	HH	18605	385821	5.11%	0.121%
182	7.556	7.550	7.582	HH	7407	139402	1.85%	0.044%
183	7.599	7.582	7.614	HH	7573	141588	1.88%	0.044%
184	7.628	7.614	7.654	HH	7525	173545	2.30%	0.054%
185	7.679	7.654	7.714	HH	8448	275189	3.65%	0.086%
186	7.725	7.714	7.735	HH	7206	90110	1.19%	0.028%
187	7.740	7.735	7.747	HH	7022	51237	0.68%	0.016%
188	7.764	7.747	7.770	HH	7171	96994	1.28%	0.030%
189	7.773	7.770	7.781	HH	7114	45695	0.61%	0.014%
190	7.805	7.781	7.833	HH	7837	231461	3.07%	0.073%
191	7.850	7.833	7.871	HH	8568	181201	2.40%	0.057%
192	7.884	7.871	7.894	HH	7860	105296	1.39%	0.033%
193	7.916	7.894	7.938	HH	42055	511484	6.78%	0.161%
194	7.963	7.938	7.975	HH	8778	187509	2.48%	0.059%

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195	7.987	7.975	8.011	HH	8700	172752	2.29%	0.054%
196	8.042	8.011	8.057	HH	9856	238947	3.17%	0.075%
197	8.074	8.057	8.109	HH	10192	272968	3.62%	0.086%
198	8.127	8.109	8.149	HH	9709	203942	2.70%	0.064%
199	8.164	8.149	8.177	HH	8008	135228	1.79%	0.042%
200	8.197	8.177	8.223	HH	14774	276222	3.66%	0.087%
201	8.260	8.223	8.275	HH	8587	263661	3.49%	0.083%
202	8.290	8.275	8.313	HH	9100	193524	2.56%	0.061%
203	8.348	8.313	8.355	HH	9110	223013	2.95%	0.070%
204	8.377	8.355	8.408	HH	25550	444295	5.89%	0.139%
205	8.423	8.408	8.441	HH	9925	178589	2.37%	0.056%
206	8.461	8.441	8.532	HH	39836	1076467	14.26%	0.338%
207	8.546	8.532	8.588	HH	14378	375094	4.97%	0.118%
208	8.602	8.588	8.618	HH	9619	173510	2.30%	0.054%
209	8.628	8.618	8.643	HH	9386	133428	1.77%	0.042%
210	8.651	8.643	8.664	HH	9299	118668	1.57%	0.037%
211	8.673	8.664	8.693	HH	9296	155090	2.05%	0.049%
212	8.702	8.693	8.713	HH	8868	108002	1.43%	0.034%
213	8.738	8.713	8.760	HH	10017	262945	3.48%	0.083%
214	8.785	8.760	8.810	HH	9773	282690	3.74%	0.089%
215	8.841	8.810	8.857	HH	11176	280725	3.72%	0.088%
216	8.871	8.857	8.892	HH	10086	202239	2.68%	0.063%
217	8.912	8.892	8.941	HH	18184	367266	4.86%	0.115%
218	8.964	8.941	8.983	HH	10481	241862	3.20%	0.076%
219	8.995	8.983	9.016	HH	9563	185042	2.45%	0.058%
220	9.035	9.016	9.044	HH	9347	156637	2.07%	0.049%
221	9.060	9.044	9.088	HH	9789	247718	3.28%	0.078%
222	9.093	9.088	9.101	HH	9170	68179	0.90%	0.021%
223	9.129	9.101	9.144	HH	10031	253193	3.35%	0.079%
224	9.148	9.144	9.158	HH	9994	81067	1.07%	0.025%
225	9.199	9.158	9.265	HH	24017	774230	10.26%	0.243%
226	9.282	9.265	9.313	HH	10317	278683	3.69%	0.087%
227	9.315	9.313	9.333	HH	9509	113284	1.50%	0.036%
228	9.337	9.333	9.347	HH	9486	78649	1.04%	0.025%
229	9.352	9.347	9.361	HH	9344	80213	1.06%	0.025%
230	9.381	9.361	9.410	HH	17921	358683	4.75%	0.113%
231	9.437	9.410	9.449	HH	9773	225334	2.98%	0.071%
232	9.463	9.449	9.489	HH	9873	231370	3.06%	0.073%
233	9.502	9.489	9.534	HH	9812	262003	3.47%	0.082%
234	9.538	9.534	9.551	HH	9513	97637	1.29%	0.031%
235	9.575	9.551	9.596	HH	11746	283703	3.76%	0.089%
236	9.614	9.596	9.631	HH	11140	224917	2.98%	0.071%
237	9.654	9.631	9.687	HH	11423	354900	4.70%	0.111%
238	9.704	9.687	9.723	HH	11243	225488	2.99%	0.071%
239	9.733	9.723	9.746	HH	10506	142886	1.89%	0.045%
240	9.757	9.746	9.774	HH	10711	170228	2.25%	0.053%
241	9.790	9.774	9.802	HH	10119	168743	2.24%	0.053%
242	9.816	9.802	9.836	HH	10266	203218	2.69%	0.064%
243	9.840	9.836	9.872	HH	9854	210421	2.79%	0.066%
244	9.899	9.872	9.921	HH	15062	376226	4.98%	0.118%
245	9.932	9.921	9.959	HH	13123	282552	3.74%	0.089%
246	9.977	9.959	10.021	HH	21567	511153	6.77%	0.160%

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247	10.037	10.021	10.056	HH	11268	228878	3.03%	0.072%
248	10.062	10.056	10.069	HH	10594	81188	1.08%	0.025%
249	10.075	10.069	10.137	HH	10640	425920	5.64%	0.134%
250	10.148	10.137	10.170	HH	10443	205464	2.72%	0.065%
251	10.189	10.170	10.197	HH	10340	166253	2.20%	0.052%
252	10.203	10.197	10.211	HH	10324	85520	1.13%	0.027%
253	10.214	10.211	10.228	HH	10356	104649	1.39%	0.033%
254	10.251	10.228	10.256	HH	10349	171069	2.27%	0.054%
255	10.261	10.256	10.279	HH	10337	143607	1.90%	0.045%
256	10.323	10.279	10.336	HH	11356	365027	4.84%	0.115%
257	10.366	10.336	10.397	HH	14815	442551	5.86%	0.139%
258	10.415	10.397	10.438	HH	11471	270354	3.58%	0.085%
259	10.455	10.438	10.493	HH	11759	374614	4.96%	0.118%
260	10.510	10.493	10.533	HH	11701	272512	3.61%	0.086%
261	10.539	10.533	10.554	HH	11152	137921	1.83%	0.043%
262	10.566	10.554	10.592	HH	11190	249647	3.31%	0.078%
263	10.619	10.592	10.628	HH	11460	239954	3.18%	0.075%
264	10.646	10.628	10.670	HH	12056	290731	3.85%	0.091%
265	10.690	10.670	10.699	HH	13154	215835	2.86%	0.068%
266	10.716	10.699	10.758	HH	18957	482351	6.39%	0.151%
267	10.785	10.758	10.818	HH	15846	468012	6.20%	0.147%
268	10.827	10.818	10.834	HH	11549	112354	1.49%	0.035%
269	10.853	10.834	10.873	HH	11907	267638	3.55%	0.084%
270	10.901	10.873	10.909	HH	11404	243997	3.23%	0.077%
271	10.915	10.909	10.920	HH	11398	77511	1.03%	0.024%
272	10.933	10.920	10.956	HH	11653	248485	3.29%	0.078%
273	10.978	10.956	10.987	HH	11602	213994	2.83%	0.067%
274	10.994	10.987	11.012	HH	11623	173633	2.30%	0.055%
275	11.032	11.012	11.071	HH	12213	417259	5.53%	0.131%
276	11.088	11.071	11.095	HH	12350	172228	2.28%	0.054%
277	11.109	11.095	11.157	HH	12614	453010	6.00%	0.142%
278	11.170	11.157	11.187	HH	12275	212062	2.81%	0.067%
279	11.224	11.187	11.258	HH	12395	516880	6.85%	0.162%
280	11.265	11.258	11.285	HH	11974	191514	2.54%	0.060%
281	11.292	11.285	11.299	HH	11922	99191	1.31%	0.031%
282	11.321	11.299	11.331	HH	11972	226068	2.99%	0.071%
283	11.350	11.331	11.384	HH	12420	390448	5.17%	0.123%
284	11.418	11.384	11.474	HH	18581	727453	9.64%	0.228%
285	11.506	11.474	11.556	HH	14705	631629	8.37%	0.198%
286	11.584	11.556	11.599	HH	12355	311143	4.12%	0.098%
287	11.615	11.599	11.640	HH	12626	308213	4.08%	0.097%
288	11.647	11.640	11.649	HH	12282	63915	0.85%	0.020%
289	11.666	11.649	11.673	HH	12663	179226	2.37%	0.056%
290	11.678	11.673	11.693	HH	12520	145559	1.93%	0.046%
291	11.720	11.693	11.759	HH	13017	505002	6.69%	0.159%
292	11.774	11.759	11.793	HH	12666	256962	3.40%	0.081%
293	11.822	11.793	11.834	HH	13374	320070	4.24%	0.100%
294	11.848	11.834	11.874	HH	13138	308624	4.09%	0.097%
295	11.900	11.874	11.920	HH	13383	356683	4.72%	0.112%
296	11.934	11.920	11.955	HH	13062	272862	3.61%	0.086%
297	11.979	11.955	11.998	HH	13069	332091	4.40%	0.104%
298	12.023	11.998	12.038	HH	13163	308455	4.09%	0.097%
299	12.086	12.038	12.133	HH	17752	805149	10.66%	0.253%

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300	12.159	12.133	12.177	HH	13437	350154	4.64%	0.110%
301	12.197	12.177	12.216	HH	13894	309857	4.10%	0.097%
302	12.219	12.216	12.257	HH	13161	323076	4.28%	0.101%
303	12.275	12.257	12.283	HH	13026	202297	2.68%	0.064%
304	12.303	12.283	12.334	HH	13190	394822	5.23%	0.124%
305	12.359	12.334	12.372	HH	13447	303258	4.02%	0.095%
306	12.378	12.372	12.407	HH	13460	276909	3.67%	0.087%
307	12.422	12.407	12.444	HH	13851	301131	3.99%	0.095%
308	12.464	12.444	12.469	HH	13410	195938	2.60%	0.062%
309	12.476	12.469	12.483	HH	13364	109212	1.45%	0.034%
310	12.501	12.483	12.510	HH	13775	220678	2.92%	0.069%
311	12.525	12.510	12.544	HH	13885	278184	3.68%	0.087%
312	12.556	12.544	12.580	HH	13662	292604	3.88%	0.092%
313	12.607	12.580	12.619	HH	13608	320704	4.25%	0.101%
314	12.638	12.619	12.643	HH	13538	187890	2.49%	0.059%
315	12.668	12.643	12.678	HH	13891	286976	3.80%	0.090%
316	12.684	12.678	12.706	HH	13726	232020	3.07%	0.073%
317	12.726	12.706	12.773	HH	17870	599120	7.94%	0.188%
318	12.794	12.773	12.808	HH	14028	287800	3.81%	0.090%
319	12.822	12.808	12.832	HH	13908	201774	2.67%	0.063%
320	12.843	12.832	12.863	HH	13983	255180	3.38%	0.080%
321	12.892	12.863	12.913	HH	14077	418057	5.54%	0.131%
322	12.923	12.913	12.928	HH	13838	122022	1.62%	0.038%
323	12.932	12.928	12.951	HH	13825	196085	2.60%	0.062%
324	12.979	12.951	13.011	HH	14188	497777	6.59%	0.156%
325	13.020	13.011	13.037	HH	13910	218076	2.89%	0.068%
326	13.050	13.037	13.059	HH	13918	182081	2.41%	0.057%
327	13.063	13.059	13.069	HH	13879	79128	1.05%	0.025%
328	13.086	13.069	13.104	HH	14113	297656	3.94%	0.093%
329	13.129	13.104	13.158	HH	14215	451748	5.98%	0.142%
330	13.172	13.158	13.186	HH	14321	239360	3.17%	0.075%
331	13.231	13.186	13.238	HH	14896	460981	6.11%	0.145%
332	13.255	13.238	13.276	HH	15575	343808	4.55%	0.108%
333	13.282	13.276	13.304	HH	15164	251516	3.33%	0.079%
334	13.315	13.304	13.318	HH	14728	127954	1.69%	0.040%
335	13.338	13.318	13.364	HH	17446	431188	5.71%	0.135%
336	13.370	13.364	13.378	HH	14759	117611	1.56%	0.037%
337	13.404	13.378	13.443	HH	15114	582711	7.72%	0.183%
338	13.466	13.443	13.499	HH	14754	486830	6.45%	0.153%
339	13.507	13.499	13.545	HH	14739	408330	5.41%	0.128%
340	13.563	13.545	13.572	HH	14924	236614	3.13%	0.074%
341	13.587	13.572	13.631	HH	15173	533092	7.06%	0.167%
342	13.637	13.631	13.643	HH	14876	103499	1.37%	0.032%
343	13.647	13.643	13.658	HH	14814	137501	1.82%	0.043%
344	13.680	13.658	13.694	HH	14810	314491	4.17%	0.099%
345	13.700	13.694	13.703	HH	14879	84333	1.12%	0.026%
346	13.725	13.703	13.739	HH	15366	323273	4.28%	0.101%
347	13.744	13.739	13.753	HH	15122	122067	1.62%	0.038%
348	13.784	13.753	13.804	HH	15567	473992	6.28%	0.149%
349	13.840	13.804	13.854	HH	15541	456800	6.05%	0.143%
350	13.877	13.854	13.898	HH	16553	415827	5.51%	0.131%
351	13.923	13.898	13.946	HH	28525	587428	7.78%	0.184%

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352	13.953	13.946	13.978	HH	16457	304930	4.04%	0.096%
353	13.986	13.978	13.994	HH	15739	157627	2.09%	0.049%
354	14.008	13.994	14.034	HH	15768	374660	4.96%	0.118%
355	14.051	14.034	14.056	HH	15802	205294	2.72%	0.064%
356	14.088	14.056	14.102	HH	15806	433458	5.74%	0.136%
357	14.155	14.123	14.181	HH	16254	558706	7.40%	0.175%
358	14.194	14.181	14.231	HH	16253	483207	6.40%	0.152%
359	14.240	14.231	14.268	HH	16133	357318	4.73%	0.112%
360	14.287	14.268	14.304	HH	16311	352932	4.67%	0.111%
361	14.328	14.304	14.366	HH	18713	639826	8.48%	0.201%
362	14.429	14.366	14.464	HH	19239	1041836	13.80%	0.327%
363	14.484	14.464	14.513	HH	20998	547242	7.25%	0.172%
364	14.528	14.513	14.545	HH	17869	344866	4.57%	0.108%
365	14.563	14.545	14.578	HH	18828	363369	4.81%	0.114%
366	14.595	14.578	14.628	HH	18186	521119	6.90%	0.164%
367	14.641	14.628	14.664	HH	17336	369517	4.89%	0.116%
368	14.693	14.664	14.721	HH	17259	586751	7.77%	0.184%
369	14.744	14.721	14.789	HH	18077	719529	9.53%	0.226%
370	14.823	14.789	14.899	HH	205380	3277587	43.41%	1.029%
371	14.915	14.899	14.933	HH	17641	353538	4.68%	0.111%
372	14.984	14.933	15.006	HH	18701	792139	10.49%	0.249%
373	15.025	15.006	15.053	HH	24252	582796	7.72%	0.183%
374	15.076	15.053	15.129	HH	25785	906886	12.01%	0.285%
375	15.138	15.129	15.157	HH	18225	311658	4.13%	0.098%
376	15.169	15.157	15.193	HH	18202	382484	5.07%	0.120%
377	15.222	15.193	15.284	HH	18331	991695	13.14%	0.311%
378	15.324	15.284	15.351	HH	18306	731108	9.68%	0.230%
379	15.372	15.351	15.384	HH	18474	365989	4.85%	0.115%
380	15.501	15.384	15.531	HH	31956	2224671	29.47%	0.698%
381	15.541	15.531	15.611	HH	30269	1258544	16.67%	0.395%
382	15.630	15.611	15.799	HH	37310	2466465	32.67%	0.774%
383	15.839	15.799	15.889	HH	21347	1091007	14.45%	0.342%
384	15.892	15.889	15.905	HH	19518	189082	2.50%	0.059%
385	15.966	15.905	15.989	HH	21389	1006617	13.33%	0.316%
386	16.010	15.989	16.024	HH	20561	425956	5.64%	0.134%
387	16.045	16.024	16.093	HH	24551	880674	11.67%	0.276%
388	16.114	16.093	16.124	HH	23289	410067	5.43%	0.129%
389	16.141	16.124	16.171	HH	24002	632338	8.38%	0.199%
390	16.178	16.171	16.231	HH	20800	733641	9.72%	0.230%
391	16.259	16.231	16.284	HH	20428	651771	8.63%	0.205%
392	16.316	16.284	16.373	HH	24001	1153937	15.28%	0.362%
393	16.400	16.373	16.414	HH	20928	507656	6.72%	0.159%
394	16.448	16.414	16.472	HH	32304	844017	11.18%	0.265%
395	16.527	16.472	16.584	HH	26844	1593961	21.11%	0.500%
396	16.617	16.584	16.669	HH	41699	1383304	18.32%	0.434%
397	16.688	16.669	16.712	HH	23104	583228	7.73%	0.183%
398	16.725	16.712	16.748	HH	22564	477394	6.32%	0.150%
399	16.787	16.748	16.851	HH	31861	1515704	20.08%	0.476%
400	16.884	16.851	16.894	HH	23352	595095	7.88%	0.187%
401	16.911	16.894	16.941	HH	24798	666494	8.83%	0.209%
402	16.994	16.941	17.024	HH	40620	1376752	18.24%	0.432%
403	17.042	17.024	17.057	HH	26696	504380	6.68%	0.158%
404	17.078	17.057	17.111	HH	31419	873314	11.57%	0.274%

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405	17.125	17.111	17.153	HH	24138	595819	7.89%	0.187%
406	17.172	17.153	17.214	HH	24608	895916	11.87%	0.281%
407	17.240	17.214	17.291	HH	26608	1151826	15.26%	0.362%
408	17.373	17.291	17.398	HH	28638	1674492	22.18%	0.526%
409	17.410	17.398	17.421	HH	25969	351193	4.65%	0.110%
410	17.443	17.421	17.471	HH	37854	910168	12.06%	0.286%
411	17.480	17.471	17.495	HH	26831	386386	5.12%	0.121%
412	17.533	17.495	17.561	HH	32262	1131602	14.99%	0.355%
413	17.572	17.561	17.616	HH	27591	878648	11.64%	0.276%
414	17.648	17.616	17.656	HH	28780	666819	8.83%	0.209%
415	17.670	17.656	17.712	HH	29465	942475	12.48%	0.296%
416	17.752	17.712	17.769	HH	27471	938285	12.43%	0.295%
417	17.798	17.769	17.811	HH	28511	696580	9.23%	0.219%
418	17.836	17.811	17.856	HH	29866	796733	10.55%	0.250%
419	17.880	17.856	17.918	HH	44199	1221741	16.18%	0.384%
420	17.974	17.918	18.014	HH	38734	1809986	23.97%	0.568%
421	18.048	18.014	18.094	HH	38505	1581758	20.95%	0.497%
422	18.105	18.094	18.119	HH	31549	450842	5.97%	0.142%
423	18.139	18.119	18.174	HH	33133	1052230	13.94%	0.330%
424	18.227	18.174	18.273	HH	40613	1965210	26.03%	0.617%
425	18.302	18.273	18.351	HH	54860	1806887	23.93%	0.567%
426	18.381	18.351	18.393	HH	34844	851431	11.28%	0.267%
427	18.405	18.393	18.487	HH	34662	1890685	25.04%	0.594%
428	18.510	18.487	18.541	HH	35973	1097633	14.54%	0.345%
429	18.565	18.541	18.584	HH	33237	859137	11.38%	0.270%
430	18.617	18.584	18.636	HH	34648	1048858	13.89%	0.329%
431	18.707	18.636	18.747	HH	48926	2483550	32.90%	0.780%
432	18.804	18.747	18.871	HH	122405	3725900	49.35%	1.170%
433	18.892	18.871	18.955	HH	44505	1957583	25.93%	0.615%
434	18.995	18.955	19.038	HH	53473	2046224	27.10%	0.642%
435	19.055	19.038	19.079	HH	40252	971736	12.87%	0.305%
436	19.106	19.079	19.141	HH	43279	1500196	19.87%	0.471%
437	19.149	19.141	19.177	HH	40622	871850	11.55%	0.274%
438	19.253	19.177	19.281	HH	58149	2766031	36.64%	0.868%
439	19.294	19.281	19.344	HH	43981	1593737	21.11%	0.500%
440	19.364	19.344	19.396	HH	41430	1255115	16.63%	0.394%
441	19.446	19.396	19.468	HH	41561	1745903	23.13%	0.548%
442	19.492	19.468	19.526	HH	45417	1481434	19.62%	0.465%
443	19.544	19.526	19.567	HH	41397	1020508	13.52%	0.320%
444	19.599	19.567	19.636	HH	51310	1857202	24.60%	0.583%
445	19.640	19.636	19.656	HH	42819	510754	6.77%	0.160%
446	19.679	19.656	19.691	HH	42651	887309	11.75%	0.279%
447	19.719	19.691	19.756	HH	44170	1702242	22.55%	0.534%
448	19.782	19.756	19.809	HH	44987	1398950	18.53%	0.439%
449	19.870	19.809	19.939	HH	47233	3550392	47.03%	1.115%
450	19.970	19.939	19.995	HH	46024	1519735	20.13%	0.477%
451	20.056	19.995	20.069	HH	46606	2054329	27.21%	0.645%
452	20.125	20.069	20.156	HH	48366	2454338	32.51%	0.770%
453	20.232	20.156	20.249	HH	51723	2777860	36.80%	0.872%
454	20.270	20.249	20.309	HH	51040	1798509	23.82%	0.565%
455	20.359	20.309	20.381	HH	50836	2189865	29.01%	0.687%
456	20.411	20.381	20.443	HH	53347	1912721	25.34%	0.600%

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457	20.462	20.443	20.482	HH	51359	1213562	16.07%	0.381%
458	20.520	20.482	20.531	HH	51419	1503637	19.92%	0.472%
459	20.594	20.531	20.628	HH	53555	3024008	40.06%	0.949%
460	20.634	20.628	20.659	HH	52201	989887	13.11%	0.311%
461	20.681	20.659	20.691	HH	52300	989844	13.11%	0.311%
462	20.704	20.691	20.723	HH	52310	992222	13.14%	0.311%
463	20.758	20.723	20.822	HH	53803	3144335	41.65%	0.987%
464	20.839	20.822	20.872	HH	52377	1588422	21.04%	0.499%
465	20.881	20.872	20.910	HH	52416	1186515	15.72%	0.372%
466	20.947	20.910	20.954	HH	52443	1377572	18.25%	0.432%
467	20.988	20.954	21.034	HH	53910	2531910	33.54%	0.795%
468	21.043	21.034	21.066	HH	52217	989762	13.11%	0.311%
469	21.080	21.066	21.089	HH	52029	732333	9.70%	0.230%
470	21.099	21.089	21.109	HH	52081	619434	8.20%	0.194%
471	21.121	21.109	21.204	HH	52167	2965272	39.28%	0.931%
472	21.213	21.204	21.256	HH	51973	1604164	21.25%	0.504%
473	21.316	21.256	21.393	HH	53034	4259833	56.43%	1.337%
474	21.431	21.393	21.465	HH	52855	2244063	29.72%	0.704%
475	21.483	21.465	21.501	HH	51717	1126112	14.92%	0.354%
476	21.514	21.501	21.526	HH	51609	773511	10.25%	0.243%
477	21.531	21.526	21.539	HH	51694	394161	5.22%	0.124%
478	21.584	21.539	21.649	HH	51851	3428622	45.42%	1.076%
479	21.680	21.649	21.720	HH	52003	2203768	29.19%	0.692%
480	21.735	21.720	21.751	HH	51488	943299	12.49%	0.296%
481	21.770	21.751	21.811	HH	51542	1853183	24.55%	0.582%
482	21.822	21.811	21.864	HH	51353	1629445	21.58%	0.512%
483	21.878	21.864	21.896	HH	51107	969189	12.84%	0.304%
484	21.936	21.896	21.954	HH	52519	1805598	23.92%	0.567%
485	21.962	21.954	22.023	HH	52482	2135039	28.28%	0.670%
486	22.049	22.023	22.064	HH	51205	1277340	16.92%	0.401%
487	22.090	22.064	22.117	HH	51273	1620940	21.47%	0.509%
488	22.149	22.117	22.176	HH	51376	1808708	23.96%	0.568%
489	22.194	22.176	22.259	HH	51234	2554461	33.84%	0.802%
490	22.332	22.259	22.376	HH	51357	3581562	47.44%	1.124%
491	22.396	22.376	22.409	HH	51448	1024290	13.57%	0.322%
492	22.418	22.409	22.438	HH	51363	900107	11.92%	0.283%
493	22.453	22.438	22.466	HH	51439	847872	11.23%	0.266%
494	22.506	22.466	22.563	HH	52298	3013437	39.92%	0.946%
495	22.570	22.563	22.596	HH	51153	1003416	13.29%	0.315%
496	22.632	22.596	22.669	HH	51170	2250037	29.80%	0.706%
497	22.678	22.669	22.686	HH	51094	506634	6.71%	0.159%
498	22.753	22.686	22.807	HH	52116	3729456	49.40%	1.171%
499	22.828	22.807	22.866	HH	51191	1808667	23.96%	0.568%
500	22.874	22.866	22.887	HH	50894	637182	8.44%	0.200%
501	22.918	22.887	22.946	HH	50954	1809929	23.97%	0.568%
502	22.954	22.946	22.984	HH	50866	1168174	15.47%	0.367%
503	22.988	22.984	23.028	HH	50850	1319042	17.47%	0.414%
504	23.038	23.028	23.051	HH	50707	709219	9.39%	0.223%
505	23.083	23.051	23.101	HH	50778	1515789	20.08%	0.476%
506	23.166	23.101	23.221	HH	51996	3690590	48.89%	1.159%
507	23.227	23.221	23.242	HH	50812	648034	8.58%	0.203%
508	23.253	23.242	23.281	HH	50844	1176916	15.59%	0.369%
509	23.300	23.281	23.338	HH	50718	1719806	22.78%	0.540%

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510	23.362	23.338	23.390	HH	50690	1595229	21.13%	0.501%
511	23.403	23.390	23.468	HH	50651	2344280	31.05%	0.736%
512	23.479	23.468	23.494	HH	50403	805076	10.66%	0.253%
513	23.506	23.494	23.516	HH	50462	655076	8.68%	0.206%
514	23.533	23.516	23.561	HH	50501	1361092	18.03%	0.427%
515	23.568	23.561	23.601	HH	50474	1199939	15.89%	0.377%
516	23.610	23.601	23.619	HH	50383	544942	7.22%	0.171%
517	23.685	23.619	23.784	HH	51286	5036180	66.71%	1.581%
518	23.808	23.784	23.819	HH	50401	1057556	14.01%	0.332%
519	23.830	23.819	23.856	HH	50370	1107330	14.67%	0.348%
520	23.927	23.856	24.010	HH	51158	4677100	61.95%	1.468%
521	24.052	24.010	24.079	HH	50232	2083949	27.60%	0.654%
522	24.149	24.079	24.159	HH	50391	2410385	31.93%	0.757%
523	24.180	24.159	24.199	HH	50529	1197757	15.87%	0.376%
524	24.208	24.199	24.229	HH	50626	917579	12.15%	0.288%
525	24.239	24.229	24.256	HH	50441	811954	10.76%	0.255%
526	24.265	24.256	24.291	HH	50614	1059289	14.03%	0.333%
527	24.374	24.291	24.511	HH	50678	6638802	87.94%	2.084%
528	24.528	24.511	24.550	HH	50137	1187003	15.72%	0.373%
529	24.607	24.550	24.619	HH	50193	2075489	27.49%	0.652%
530	24.629	24.619	24.648	HH	50109	851260	11.28%	0.267%
531	24.657	24.648	24.711	HH	50206	1900455	25.17%	0.597%
532	24.819	24.711	24.959	HH	52187	7549491	100.00%	2.370%
533	24.976	24.959	25.019	HH	49921	1792118	23.74%	0.563%
534	25.054	25.019	25.065	HH	49907	1372497	18.18%	0.431%
535	25.080	25.065	25.106	HH	49874	1220618	16.17%	0.383%
536	25.122	25.106	25.164	HH	49810	1741984	23.07%	0.547%
					Sum of corrected areas:		318543073	

C44-FE010418.M Thu Jan 18 08:56:06 2018 RPT-1