

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051721\
 Data File : FE033819.D
 Signal(s) : FID1B.CH
 Acq On : 17 May 2021 18:45
 Sample : M2415-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050521.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.418	2.373	2.461	BH	881	-26272	-0.28%	-0.015%
2	2.471	2.461	2.498	PH	-1206	-35096	-0.37%	-0.020%
3	2.502	2.498	2.522	PH	-1793	-29089	-0.31%	-0.016%
4	2.526	2.522	2.565	PH	-2098	-61267	-0.65%	-0.035%
5	2.575	2.565	2.619	PH	-124	-61993	-0.66%	-0.035%
6	2.633	2.619	2.666	PH	16328	61203	0.65%	0.035%
7	2.678	2.666	2.690	PH	-2191	-39517	-0.42%	-0.022%
8	2.699	2.690	2.750	PH	-2864	-134059	-1.42%	-0.076%
9	2.754	2.750	2.764	PH	-4144	-35827	-0.38%	-0.020%
10	2.767	2.764	2.774	PH	-4264	-27282	-0.29%	-0.015%
11	2.787	2.774	2.837	PH	-3956	-166577	-1.77%	-0.094%
12	2.863	2.837	2.901	PH	-4051	-182192	-1.94%	-0.103%
13	2.905	2.901	2.933	PH	-5107	-100511	-1.07%	-0.057%
14	2.951	2.933	3.000	PH	-2552	-185917	-1.97%	-0.105%
15	3.014	3.000	3.030	PH	-5220	-98867	-1.05%	-0.056%
16	3.042	3.030	3.061	PH	-5354	-100603	-1.07%	-0.057%
17	3.074	3.061	3.085	PH	-4876	-78165	-0.83%	-0.044%
18	3.102	3.085	3.117	PH	-3993	-89921	-0.96%	-0.051%
19	3.123	3.117	3.141	PH	-5002	-78206	-0.83%	-0.044%
20	3.154	3.141	3.162	PH	-4517	-62393	-0.66%	-0.035%
21	3.169	3.162	3.177	PH	-4533	-44352	-0.47%	-0.025%
22	3.189	3.177	3.219	PH	-3824	-124236	-1.32%	-0.070%
23	3.225	3.219	3.231	PH	-6257	-47711	-0.51%	-0.027%
24	3.247	3.231	3.258	PH	-6165	-99859	-1.06%	-0.057%
25	3.265	3.258	3.278	PH	-6137	-76009	-0.81%	-0.043%
26	3.293	3.278	3.356	PH	-4284	-284936	-3.03%	-0.161%
27	3.360	3.356	3.390	PH	-6544	-135523	-1.44%	-0.077%
28	3.407	3.390	3.440	PH	-3951	-181175	-1.92%	-0.103%
29	3.450	3.440	3.481	PH	-6431	-166918	-1.77%	-0.095%
30	3.508	3.481	3.524	PH	-6260	-172918	-1.84%	-0.098%
31	3.529	3.524	3.546	PH	-6817	-90733	-0.96%	-0.051%
32	3.574	3.546	3.590	PH	-6636	-176264	-1.87%	-0.100%
33	3.593	3.590	3.636	PH	-6821	-196675	-2.09%	-0.111%
34	3.638	3.636	3.655	PH	-7104	-82616	-0.88%	-0.047%
35	3.701	3.655	3.749	PH	-5664	-376672	-4.00%	-0.213%
36	3.772	3.749	3.798	PH	-6383	-207040	-2.20%	-0.117%

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37	3.813	3.798	3.831	PH	-6853	-143622	-1.53%	-0.081%
38	3.834	3.831	3.846	PH	-7286	-65285	-0.69%	-0.037%
39	3.850	3.846	3.856	PH	-7300	-42022	-0.45%	-0.024%
40	3.865	3.856	3.869	PH	-7306	-58504	-0.62%	-0.033%
41	3.895	3.869	3.907	PH	-5689	-151893	-1.61%	-0.086%
42	3.915	3.907	3.933	PH	-6574	-107870	-1.15%	-0.061%
43	3.942	3.933	3.960	PH	-7371	-120020	-1.27%	-0.068%
44	3.979	3.960	4.033	PH	-6472	-319669	-3.40%	-0.181%
45	4.064	4.033	4.084	PH	16999	5901	0.06%	0.003%
46	4.096	4.084	4.129	PH	-2212	-130924	-1.39%	-0.074%
47	4.143	4.129	4.183	PH	-6526	-224844	-2.39%	-0.127%
48	4.212	4.183	4.245	PH	5883	-95838	-1.02%	-0.054%
49	4.254	4.245	4.278	PH	-5419	-121929	-1.30%	-0.069%
50	4.286	4.278	4.292	PH	-6993	-58171	-0.62%	-0.033%
51	4.308	4.292	4.354	PH	-5949	-258303	-2.74%	-0.146%
52	4.376	4.354	4.396	PH	-7322	-191039	-2.03%	-0.108%
53	4.415	4.396	4.432	PH	-7129	-158011	-1.68%	-0.089%
54	4.457	4.432	4.488	PH	-894	-191129	-2.03%	-0.108%
55	4.505	4.488	4.528	PH	-6461	-168077	-1.79%	-0.095%
56	4.530	4.528	4.540	PH	-7252	-51480	-0.55%	-0.029%
57	4.562	4.540	4.584	PH	-6028	-184948	-1.96%	-0.105%
58	4.605	4.584	4.646	PH	-2919	-236776	-2.51%	-0.134%
59	4.659	4.646	4.695	PH	-6792	-214192	-2.28%	-0.121%
60	4.710	4.695	4.725	PH	-7088	-135770	-1.44%	-0.077%
61	4.742	4.725	4.761	PH	-6543	-158458	-1.68%	-0.090%
62	4.766	4.761	4.771	PH	-7654	-45068	-0.48%	-0.026%
63	4.795	4.771	4.821	PH	-4842	-192598	-2.05%	-0.109%
64	4.837	4.821	4.857	PH	-5481	-138470	-1.47%	-0.078%
65	4.878	4.857	4.895	PH	-6847	-162765	-1.73%	-0.092%
66	4.907	4.895	4.942	PH	-7291	-213086	-2.26%	-0.121%
67	4.955	4.942	4.961	PH	-7644	-87957	-0.93%	-0.050%
68	4.986	4.961	4.999	PH	-7427	-176296	-1.87%	-0.100%
69	5.049	4.999	5.072	PH	-5761	-290211	-3.08%	-0.164%
70	5.093	5.072	5.117	PH	-6145	-178240	-1.89%	-0.101%
71	5.137	5.117	5.161	PH	-5872	-168591	-1.79%	-0.095%
72	5.175	5.161	5.181	PH	-6500	-82548	-0.88%	-0.047%
73	5.194	5.181	5.223	PH	-5793	-168300	-1.79%	-0.095%
74	5.226	5.223	5.239	PH	-7373	-73279	-0.78%	-0.041%
75	5.261	5.239	5.281	PH	-7022	-182725	-1.94%	-0.103%
76	5.307	5.281	5.335	PH	3171	-132372	-1.41%	-0.075%
77	5.341	5.335	5.355	PH	-6728	-81069	-0.86%	-0.046%
78	5.368	5.355	5.416	PH	-5750	-255751	-2.72%	-0.145%
79	5.440	5.416	5.454	PH	-7362	-169410	-1.80%	-0.096%
80	5.458	5.454	5.465	PH	-7473	-48270	-0.51%	-0.027%
81	5.487	5.465	5.507	PH	-270	-119424	-1.27%	-0.068%
82	5.542	5.507	5.581	PH	-4906	-293825	-3.12%	-0.166%
83	5.602	5.581	5.633	PH	-6730	-219976	-2.34%	-0.125%
84	5.676	5.633	5.695	PH	-6336	-263583	-2.80%	-0.149%
85	5.721	5.695	5.748	PH	-4354	-192712	-2.05%	-0.109%
86	5.770	5.748	5.779	PH	-6448	-129114	-1.37%	-0.073%
87	5.788	5.779	5.813	PH	-6512	-135529	-1.44%	-0.077%
88	5.830	5.813	5.846	PH	-6440	-134427	-1.43%	-0.076%
89	5.861	5.846	5.870	PH	-6748	-100687	-1.07%	-0.057%

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90	5.884	5.870	5.923	PH	-6349	-215106	-2.28%	-0.122%
91	5.941	5.923	5.963	PH	-6714	-166250	-1.77%	-0.094%
92	5.996	5.963	6.013	PH	-5007	-187320	-1.99%	-0.106%
93	6.037	6.013	6.061	PH	-871	-114019	-1.21%	-0.065%
94	6.067	6.061	6.071	PH	-6242	-37461	-0.40%	-0.021%
95	6.077	6.071	6.095	PH	-6110	-89994	-0.96%	-0.051%
96	6.104	6.095	6.111	PH	-6396	-63738	-0.68%	-0.036%
97	6.124	6.111	6.159	PH	-5894	-189898	-2.02%	-0.108%
98	6.185	6.159	6.240	PH	-3002	-289212	-3.07%	-0.164%
99	6.251	6.240	6.265	PH	-6840	-104711	-1.11%	-0.059%
100	6.312	6.265	6.336	PH	-1439	-210150	-2.23%	-0.119%
101	6.353	6.336	6.381	PH	1982	-86256	-0.92%	-0.049%
102	6.397	6.381	6.433	PH	-6659	-211928	-2.25%	-0.120%
103	6.467	6.433	6.524	PH	838	-280171	-2.98%	-0.159%
104	6.554	6.524	6.568	PH	-6568	-178687	-1.90%	-0.101%
105	6.614	6.568	6.644	PH	-5261	-295462	-3.14%	-0.167%
106	6.669	6.644	6.678	PH	-6663	-138354	-1.47%	-0.078%
107	6.689	6.678	6.705	PH	-6573	-109601	-1.16%	-0.062%
108	6.715	6.705	6.725	PH	-6888	-84926	-0.90%	-0.048%
109	6.743	6.725	6.768	PH	-5958	-168455	-1.79%	-0.095%
110	6.801	6.768	6.840	PH	-6334	-290935	-3.09%	-0.165%
111	6.869	6.840	6.891	PH	-6381	-209420	-2.22%	-0.119%
112	6.896	6.891	6.905	PH	-6868	-59304	-0.63%	-0.034%
113	6.938	6.905	6.975	PH	-2733	-218489	-2.32%	-0.124%
114	6.982	6.975	7.002	PH	-5549	-95269	-1.01%	-0.054%
115	7.016	7.002	7.045	PH	-5528	-156543	-1.66%	-0.089%
116	7.068	7.045	7.076	PH	-6026	-119202	-1.27%	-0.068%
117	7.094	7.076	7.106	PH	-3134	-84393	-0.90%	-0.048%
118	7.133	7.106	7.157	PH	2853	-58927	-0.63%	-0.033%
119	7.167	7.157	7.210	PH	-5085	-188939	-2.01%	-0.107%
120	7.228	7.210	7.245	PH	-4806	-118740	-1.26%	-0.067%
121	7.261	7.245	7.282	PH	-3752	-113255	-1.20%	-0.064%
122	7.287	7.282	7.319	PH	-6181	-141295	-1.50%	-0.080%
123	7.322	7.319	7.339	PH	-6581	-81923	-0.87%	-0.046%
124	7.351	7.339	7.360	PH	-6416	-79168	-0.84%	-0.045%
125	7.388	7.360	7.410	PH	642	-117286	-1.25%	-0.066%
126	7.424	7.410	7.440	PH	-5445	-104340	-1.11%	-0.059%
127	7.457	7.440	7.466	PH	-6053	-98785	-1.05%	-0.056%
128	7.480	7.466	7.496	PH	-5856	-104922	-1.11%	-0.059%
129	7.511	7.496	7.546	PH	-5415	-175682	-1.87%	-0.099%
130	7.564	7.546	7.588	PH	-5836	-154820	-1.64%	-0.088%
131	7.609	7.588	7.628	PH	-5062	-136851	-1.45%	-0.078%
132	7.643	7.628	7.659	PH	-5277	-107309	-1.14%	-0.061%
133	7.678	7.659	7.713	PH	-3530	-172551	-1.83%	-0.098%
134	7.735	7.713	7.773	PH	-5584	-211654	-2.25%	-0.120%
135	7.813	7.773	7.829	PH	-2951	-160871	-1.71%	-0.091%
136	7.843	7.829	7.862	PH	-1876	-73084	-0.78%	-0.041%
137	7.870	7.862	7.893	PH	-5250	-99229	-1.05%	-0.056%
138	7.909	7.893	7.930	PH	-5243	-127405	-1.35%	-0.072%
139	7.955	7.930	7.983	PH	-4895	-174519	-1.85%	-0.099%
140	8.010	7.983	8.031	PH	-4934	-154962	-1.65%	-0.088%
141	8.041	8.031	8.056	PH	-5599	-87888	-0.93%	-0.050%

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142	8.083	8.056	8.109	PH	-4339	-162691	-1.73%	-0.092%
143	8.115	8.109	8.126	PH	-5534	-56822	-0.60%	-0.032%
144	8.154	8.126	8.177	PH	-4156	-147568	-1.57%	-0.084%
145	8.191	8.177	8.200	PH	-4811	-69990	-0.74%	-0.040%
146	8.251	8.200	8.297	PH	663582	9414841	100.00%	5.332%
147	8.324	8.297	8.419	PH	121102	991929	10.54%	0.562%
148	8.426	8.419	8.439	PH	-4658	-55696	-0.59%	-0.032%
149	8.461	8.439	8.475	PH	-4669	-101824	-1.08%	-0.058%
150	8.490	8.475	8.527	PH	-4176	-148688	-1.58%	-0.084%
151	8.549	8.527	8.570	PH	-4756	-127191	-1.35%	-0.072%
152	8.585	8.570	8.601	PH	-4674	-93668	-0.99%	-0.053%
153	8.624	8.601	8.646	PH	-2545	-105695	-1.12%	-0.060%
154	8.664	8.646	8.683	PH	-3843	-93647	-0.99%	-0.053%
155	8.703	8.683	8.714	PH	-3433	-71328	-0.76%	-0.040%
156	8.731	8.714	8.773	PH	-1766	-115194	-1.22%	-0.065%
157	8.794	8.773	8.831	PH	-2776	-137047	-1.46%	-0.078%
158	8.847	8.831	8.861	PH	-3930	-74265	-0.79%	-0.042%
159	8.883	8.861	8.895	PH	-3966	-84894	-0.90%	-0.048%
160	8.905	8.895	8.922	PH	-4017	-68658	-0.73%	-0.039%
161	8.942	8.922	8.965	PH	-2611	-96702	-1.03%	-0.055%
162	8.997	8.965	9.016	PH	-2751	-113782	-1.21%	-0.064%
163	9.027	9.016	9.045	PH	-3972	-72215	-0.77%	-0.041%
164	9.081	9.045	9.110	PH	3865	-76174	-0.81%	-0.043%
165	9.132	9.110	9.151	PH	-3710	-97015	-1.03%	-0.055%
166	9.167	9.151	9.191	PH	-4099	-102686	-1.09%	-0.058%
167	9.202	9.191	9.213	PH	-4233	-55655	-0.59%	-0.032%
168	9.230	9.213	9.247	PH	-4082	-88968	-0.94%	-0.050%
169	9.270	9.247	9.285	PH	-3568	-86949	-0.92%	-0.049%
170	9.301	9.285	9.333	PH	-3692	-112909	-1.20%	-0.064%
171	9.372	9.333	9.391	PH	-3719	-141294	-1.50%	-0.080%
172	9.414	9.391	9.436	PH	1967	-38180	-0.41%	-0.022%
173	9.463	9.436	9.488	PH	130	-55088	-0.59%	-0.031%
174	9.500	9.488	9.511	PH	-3125	-44889	-0.48%	-0.025%
175	9.535	9.511	9.568	PH	-1448	-85897	-0.91%	-0.049%
176	9.587	9.568	9.617	PH	-2759	-93501	-0.99%	-0.053%
177	9.639	9.617	9.662	PH	-2644	-83136	-0.88%	-0.047%
178	9.696	9.662	9.718	PH	-416	-72124	-0.77%	-0.041%
179	9.734	9.718	9.758	PH	-2278	-66450	-0.71%	-0.038%
180	9.796	9.758	9.836	PH	-1679	-112584	-1.20%	-0.064%
181	9.859	9.836	9.909	PH	4318	-42826	-0.45%	-0.024%
182	9.940	9.909	9.948	PH	-2049	-55829	-0.59%	-0.032%
183	9.965	9.948	9.986	PH	-700	-32764	-0.35%	-0.019%
184	10.025	9.986	10.123	PH	512838	6228256	66.15%	3.527%
185	10.133	10.123	10.149	PH	-1299	-22120	-0.23%	-0.013%
186	10.164	10.149	10.181	PH	-1249	-28268	-0.30%	-0.016%
187	10.202	10.181	10.218	PH	-638	-24331	-0.26%	-0.014%
188	10.247	10.218	10.271	PH	939	-10123	-0.11%	-0.006%
189	10.301	10.271	10.326	PH	1682	-1081	-0.01%	-0.001%
190	10.335	10.326	10.362	PH	-277	-16223	-0.17%	-0.009%
191	10.392	10.362	10.426	PH	310	-21936	-0.23%	-0.012%
192	10.444	10.426	10.460	PH	-635	-16508	-0.18%	-0.009%
193	10.484	10.460	10.493	PH	693	700	0.01%	0.000%
194	10.507	10.493	10.533	HH	1609	22903	0.24%	0.013%

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195	10.550	10.533	10.563	HH	1291	14475	0.15%	0.008%
196	10.597	10.563	10.635	HH	4704	66434	0.71%	0.038%
197	10.670	10.635	10.690	PH	2240	34743	0.37%	0.020%
198	10.703	10.690	10.715	HH	1179	14761	0.16%	0.008%
199	10.739	10.715	10.789	HH	1629	30837	0.33%	0.017%
200	10.855	10.789	10.862	PH	3542	46188	0.49%	0.026%
201	10.877	10.862	10.901	HH	7460	97269	1.03%	0.055%
202	10.914	10.901	10.925	HH	1882	25010	0.27%	0.014%
203	10.931	10.925	10.937	HH	1802	12253	0.13%	0.007%
204	10.939	10.937	10.955	HH	1761	14471	0.15%	0.008%
205	10.975	10.955	10.998	HH	1871	37374	0.40%	0.021%
206	11.027	10.998	11.063	HH	2841	73881	0.78%	0.042%
207	11.076	11.063	11.093	HH	2059	30171	0.32%	0.017%
208	11.107	11.093	11.127	HH	1885	33204	0.35%	0.019%
209	11.156	11.127	11.174	HH	1934	46092	0.49%	0.026%
210	11.188	11.174	11.193	HH	1654	17894	0.19%	0.010%
211	11.207	11.193	11.221	HH	1796	28626	0.30%	0.016%
212	11.243	11.221	11.253	HH	2285	39278	0.42%	0.022%
213	11.272	11.253	11.278	HH	2975	40332	0.43%	0.023%
214	11.300	11.278	11.320	HH	7187	116194	1.23%	0.066%
215	11.325	11.320	11.355	HH	3156	60500	0.64%	0.034%
216	11.385	11.355	11.428	HH	5691	166813	1.77%	0.094%
217	11.460	11.428	11.480	HH	5682	117230	1.25%	0.066%
218	11.495	11.480	11.523	HH	4671	86285	0.92%	0.049%
219	11.563	11.523	11.586	HH	9418	198058	2.10%	0.112%
220	11.605	11.586	11.631	HH	5506	127381	1.35%	0.072%
221	11.671	11.631	11.701	HH	80606	1316586	13.98%	0.746%
222	11.719	11.701	11.774	HH	20698	443645	4.71%	0.251%
223	11.806	11.774	11.836	HH	7606	228272	2.42%	0.129%
224	11.850	11.836	11.882	HH	5174	129034	1.37%	0.073%
225	11.914	11.882	11.929	HH	4935	130815	1.39%	0.074%
226	11.971	11.929	12.002	HH	9153	287078	3.05%	0.163%
227	12.023	12.002	12.038	HH	6825	128654	1.37%	0.073%
228	12.065	12.038	12.115	HH	11882	344357	3.66%	0.195%
229	12.119	12.115	12.151	HH	5455	112044	1.19%	0.063%
230	12.242	12.151	12.296	HH	247300	4285479	45.52%	2.427%
231	12.305	12.296	12.350	HH	9217	268379	2.85%	0.152%
232	12.357	12.350	12.363	HH	7543	59475	0.63%	0.034%
233	12.386	12.363	12.416	HH	10164	269397	2.86%	0.153%
234	12.425	12.416	12.445	HH	7011	117641	1.25%	0.067%
235	12.463	12.445	12.493	HH	7690	213923	2.27%	0.121%
236	12.522	12.493	12.551	HH	8796	283209	3.01%	0.160%
237	12.557	12.551	12.590	HH	8138	179268	1.90%	0.102%
238	12.610	12.590	12.651	HH	13426	346964	3.69%	0.196%
239	12.673	12.651	12.710	HH	12701	335038	3.56%	0.190%
240	12.734	12.710	12.779	HH	8142	321048	3.41%	0.182%
241	12.802	12.779	12.813	HH	7556	145534	1.55%	0.082%
242	12.851	12.813	12.874	HH	12985	352579	3.74%	0.200%
243	12.884	12.874	12.918	HH	10062	236922	2.52%	0.134%
244	12.933	12.918	12.948	HH	8342	148820	1.58%	0.084%
245	12.970	12.948	12.985	HH	12031	226323	2.40%	0.128%
246	13.013	12.985	13.086	HH	129141	2187013	23.23%	1.239%

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247	13.106	13.086	13.124	HH	10518	235096	2.50%	0.133%
248	13.130	13.124	13.145	HH	10182	122913	1.31%	0.070%
249	13.159	13.145	13.167	HH	10387	134109	1.42%	0.076%
250	13.172	13.167	13.201	HH	10379	205772	2.19%	0.117%
251	13.242	13.201	13.278	HH	22495	736967	7.83%	0.417%
252	13.294	13.278	13.312	HH	18927	328843	3.49%	0.186%
253	13.338	13.312	13.390	HH	96787	1541846	16.38%	0.873%
254	13.395	13.390	13.402	HH	11542	86952	0.92%	0.049%
255	13.427	13.402	13.434	HH	18227	294313	3.13%	0.167%
256	13.460	13.434	13.527	HH	103912	1920912	20.40%	1.088%
257	13.534	13.527	13.547	HH	13625	160714	1.71%	0.091%
258	13.568	13.547	13.582	HH	14286	288176	3.06%	0.163%
259	13.599	13.582	13.618	HH	15993	309502	3.29%	0.175%
260	13.642	13.618	13.663	HH	14479	379100	4.03%	0.215%
261	13.670	13.663	13.689	HH	13819	213644	2.27%	0.121%
262	13.717	13.689	13.744	HH	19230	548292	5.82%	0.311%
263	13.762	13.744	13.785	HH	20974	432738	4.60%	0.245%
264	13.809	13.785	13.835	HH	26422	567288	6.03%	0.321%
265	13.857	13.835	13.882	HH	22848	520464	5.53%	0.295%
266	13.892	13.882	13.908	HH	16024	235806	2.50%	0.134%
267	13.928	13.908	13.934	HH	14578	229674	2.44%	0.130%
268	13.962	13.934	13.983	HH	16192	436742	4.64%	0.247%
269	14.028	13.983	14.066	HH	18214	808526	8.59%	0.458%
270	14.081	14.066	14.088	HH	16539	212704	2.26%	0.120%
271	14.103	14.088	14.123	HH	16789	340631	3.62%	0.193%
272	14.155	14.123	14.160	HH	17325	362416	3.85%	0.205%
273	14.202	14.160	14.259	HH	53560	1589512	16.88%	0.900%
274	14.283	14.259	14.295	HH	17886	376226	4.00%	0.213%
275	14.310	14.295	14.346	HH	18248	536545	5.70%	0.304%
276	14.374	14.346	14.410	HH	34592	911469	9.68%	0.516%
277	14.433	14.410	14.453	HH	27138	601600	6.39%	0.341%
278	14.473	14.453	14.521	HH	27881	898896	9.55%	0.509%
279	14.527	14.521	14.530	HH	18576	98780	1.05%	0.056%
280	14.533	14.530	14.548	HH	18564	194658	2.07%	0.110%
281	14.594	14.548	14.618	HH	27574	941974	10.01%	0.533%
282	14.628	14.618	14.646	HH	21670	345717	3.67%	0.196%
283	14.655	14.646	14.671	HH	21248	315922	3.36%	0.179%
284	14.714	14.671	14.747	HH	472966	7153707	75.98%	4.051%
285	14.763	14.747	14.788	HH	27080	606531	6.44%	0.343%
286	14.806	14.788	14.815	HH	22209	348204	3.70%	0.197%
287	14.841	14.815	14.848	HH	22486	442140	4.70%	0.250%
288	14.913	14.848	14.940	HH	40727	1506499	16.00%	0.853%
289	14.962	14.940	14.990	HH	24873	705173	7.49%	0.399%
290	14.993	14.990	15.012	HH	22921	301652	3.20%	0.171%
291	15.027	15.012	15.038	HH	22513	340860	3.62%	0.193%
292	15.054	15.038	15.079	HH	23147	554674	5.89%	0.314%
293	15.107	15.079	15.130	HH	25546	729280	7.75%	0.413%
294	15.151	15.130	15.187	HH	25591	829103	8.81%	0.470%
295	15.192	15.187	15.211	HH	24074	348021	3.70%	0.197%
296	15.239	15.211	15.244	HH	24440	471875	5.01%	0.267%
297	15.251	15.244	15.259	HH	24807	221496	2.35%	0.125%
298	15.295	15.259	15.390	HH	392286	7245355	76.96%	4.103%
299	15.395	15.390	15.407	HH	26328	266022	2.83%	0.151%

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300	15.436	15.407	15.475	HH	52281	1596530	16.96%	0.904%
301	15.486	15.475	15.500	HH	29940	435734	4.63%	0.247%
302	15.513	15.500	15.549	HH	28827	816324	8.67%	0.462%
303	15.570	15.549	15.594	HH	29993	752750	8.00%	0.426%
304	15.616	15.594	15.629	HH	28971	589793	6.26%	0.334%
305	15.650	15.629	15.666	HH	29492	633854	6.73%	0.359%
306	15.672	15.666	15.681	HH	29188	263486	2.80%	0.149%
307	15.687	15.681	15.693	HH	28784	194789	2.07%	0.110%
308	15.699	15.693	15.719	HH	29088	448824	4.77%	0.254%
309	15.759	15.719	15.785	HH	31142	1162965	12.35%	0.659%
310	15.813	15.785	15.846	HH	38701	1220210	12.96%	0.691%
311	15.856	15.846	15.864	HH	29206	309363	3.29%	0.175%
312	15.871	15.864	15.884	HH	29045	346907	3.68%	0.196%
313	15.897	15.884	15.909	HH	29423	432042	4.59%	0.245%
314	15.935	15.909	15.963	HH	51540	1254045	13.32%	0.710%
315	15.975	15.963	16.009	HH	31493	837014	8.89%	0.474%
316	16.015	16.009	16.024	HH	29838	275091	2.92%	0.156%
317	16.030	16.024	16.051	HH	29973	466854	4.96%	0.264%
318	16.060	16.051	16.066	HH	29705	265362	2.82%	0.150%
319	16.072	16.066	16.082	HH	29559	291615	3.10%	0.165%
320	16.119	16.082	16.129	HH	33184	891632	9.47%	0.505%
321	16.144	16.129	16.168	HH	34180	761364	8.09%	0.431%
322	16.181	16.168	16.188	HH	31710	378625	4.02%	0.214%
323	16.193	16.188	16.197	HH	31066	171417	1.82%	0.097%
324	16.243	16.197	16.271	HH	35529	1489721	15.82%	0.844%
325	16.307	16.271	16.354	HH	73430	2290015	24.32%	1.297%
326	16.381	16.354	16.390	HH	34721	717348	7.62%	0.406%
327	16.418	16.390	16.451	HH	61243	1587682	16.86%	0.899%
328	16.456	16.451	16.471	HH	33504	410468	4.36%	0.232%
329	16.497	16.471	16.527	HH	35818	1148115	12.19%	0.650%
330	16.549	16.527	16.576	HH	40527	1091143	11.59%	0.618%
331	16.588	16.576	16.607	HH	36330	658881	7.00%	0.373%
332	16.614	16.607	16.621	HH	35231	284778	3.02%	0.161%
333	16.675	16.621	16.721	HH	50372	2395439	25.44%	1.357%
334	16.734	16.721	16.761	HH	38576	902295	9.58%	0.511%
335	16.767	16.761	16.773	HH	37368	262810	2.79%	0.149%
336	16.784	16.773	16.829	HH	38598	1244049	13.21%	0.705%
337	16.883	16.829	16.911	HH	60771	2213479	23.51%	1.254%
338	16.934	16.911	16.985	HH	46131	1755428	18.65%	0.994%
339	17.010	16.985	17.018	HH	36308	712224	7.56%	0.403%
340	17.023	17.018	17.028	HH	35887	214649	2.28%	0.122%
341	17.038	17.028	17.045	HH	36150	359048	3.81%	0.203%
342	17.049	17.045	17.068	HH	36440	506722	5.38%	0.287%
343	17.074	17.068	17.080	HH	36776	268738	2.85%	0.152%
344	17.086	17.080	17.092	HH	36780	262792	2.79%	0.149%
345	17.135	17.092	17.162	HH	43089	1633534	17.35%	0.925%
346	17.182	17.162	17.189	HH	37171	582370	6.19%	0.330%
347	17.206	17.189	17.224	HH	39612	817900	8.69%	0.463%
348	17.250	17.224	17.290	HH	55790	1744922	18.53%	0.988%
349	17.336	17.290	17.403	HH	70775	2982133	31.67%	1.689%
350	17.425	17.403	17.431	HH	36230	611692	6.50%	0.346%
351	17.455	17.431	17.491	HH	39191	1329593	14.12%	0.753%

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352	17.500	17.491	17.521	HH	35509	634546	6.74%	0.359%	
353	17.542	17.521	17.550	HH	34936	586273	6.23%	0.332%	
354	17.553	17.550	17.560	HH	34756	219199	2.33%	0.124%	
355	17.565	17.560	17.575	HH	34380	310022	3.29%	0.176%	
356	17.620	17.575	17.653	HH	36728	1613925	17.14%	0.914%	
357	17.704	17.653	17.725	HH	38316	1600158	17.00%	0.906%	
358	17.730	17.725	17.737	HH	36547	249572	2.65%	0.141%	
359	17.773	17.737	17.805	HH	59304	1755368	18.64%	0.994%	
360	17.827	17.805	17.838	HH	34707	684587	7.27%	0.388%	
361	17.860	17.838	17.886	HH	37624	1025617	10.89%	0.581%	
362	17.923	17.886	17.944	HH	47773	1375827	14.61%	0.779%	
363	17.950	17.944	17.984	HH	38496	874561	9.29%	0.495%	
364	18.001	17.984	18.032	HH	35266	971221	10.32%	0.550%	
365	18.042	18.032	18.048	HH	33406	323029	3.43%	0.183%	
366	18.053	18.048	18.061	HH	33371	255199	2.71%	0.145%	
367	18.067	18.061	18.075	HH	32972	272083	2.89%	0.154%	
368	18.131	18.075	18.175	HH	192011	4521441	48.02%	2.561%	
369	18.197	18.175	18.233	HH	69904	1679329	17.84%	0.951%	
370	18.239	18.233	18.244	HH	31767	217476	2.31%	0.123%	
371	18.255	18.244	18.265	HH	32103	391256	4.16%	0.222%	
372	18.290	18.265	18.316	HH	46317	1158514	12.31%	0.656%	
373	18.325	18.316	18.351	HH	33752	691851	7.35%	0.392%	
374	18.361	18.351	18.383	HH	30616	573566	6.09%	0.325%	
375	18.410	18.383	18.430	HH	30742	842104	8.94%	0.477%	
376	18.462	18.430	18.488	HH	30278	1026299	10.90%	0.581%	
377	18.496	18.488	18.527	HH	29080	668828	7.10%	0.379%	
378	18.553	18.527	18.571	HH	34890	852413	9.05%	0.483%	
379	18.602	18.571	18.649	HH	53007	1801892	19.14%	1.020%	
380	18.679	18.649	18.699	HH	50864	1192645	12.67%	0.675%	
381	18.715	18.699	18.744	HH	41157	991694	10.53%	0.562%	
382	18.762	18.744	18.793	HH	34354	929469	9.87%	0.526%	
383	18.805	18.793	18.833	HH	30447	690733	7.34%	0.391%	
384	18.853	18.833	18.858	HH	27979	415417	4.41%	0.235%	
385	18.881	18.858	18.904	HH	29055	774856	8.23%	0.439%	
386	18.958	18.904	18.989	HH	144175	3310440	35.16%	1.875%	
387	19.007	18.989	19.064	HH	56971	1879745	19.97%	1.065%	
388	19.105	19.064	19.157	HH	32664	1651938	17.55%	0.936%	
389	19.203	19.157	19.225	HH	34515	1229113	13.06%	0.696%	
390	19.244	19.225	19.276	HH	28605	835809	8.88%	0.473%	
391	19.297	19.276	19.332	HH	27532	880630	9.35%	0.499%	
392	19.355	19.332	19.366	HH	27853	548538	5.83%	0.311%	
393	19.390	19.366	19.414	HH	35527	895822	9.51%	0.507%	
394	19.424	19.414	19.438	HH	28311	395692	4.20%	0.224%	
395	19.465	19.438	19.476	HH	36423	758789	8.06%	0.430%	
396	19.494	19.476	19.530	HH	39892	1102370	11.71%	0.624%	
397	19.557	19.530	19.586	HH	30674	986005	10.47%	0.558%	
398	19.591	19.586	19.610	HH	27209	380596	4.04%	0.216%	
399	19.615	19.610	19.625	HH	26542	232944	2.47%	0.132%	
400	19.633	19.625	19.643	HH	27138	288962	3.07%	0.164%	
401	19.667	19.643	19.705	HH	29224	1027834	10.92%	0.582%	
402	19.738	19.705	19.786	HH	50457	1850382	19.65%	1.048%	
403	19.795	19.786	19.842	HH	30493	957212	10.17%	0.542%	
404	19.867	19.842	19.885	HH	27410	674379	7.16%	0.382%	

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405	19.902	19.885	19.917	HH	27662	536907	5.70%	0.304%
406	19.968	19.917	19.974	HH	30202	982379	10.43%	0.556%
407	19.986	19.974	19.992	HH	30712	326892	3.47%	0.185%
408	20.013	19.992	20.067	HH	34950	1369795	14.55%	0.776%
409	20.073	20.067	20.081	HH	27265	223305	2.37%	0.126%
410	20.131	20.081	20.156	HH	32960	1317393	13.99%	0.746%
411	20.181	20.156	20.218	HH	27939	1023386	10.87%	0.580%
412	20.227	20.218	20.234	HH	27208	261670	2.78%	0.148%
413	20.240	20.234	20.259	HH	27333	403251	4.28%	0.228%
414	20.292	20.259	20.330	HH	53406	1544289	16.40%	0.875%
415	20.360	20.330	20.377	HH	29357	803093	8.53%	0.455%
416	20.391	20.377	20.410	HH	28742	559713	5.95%	0.317%
417	20.442	20.410	20.452	HH	29574	742936	7.89%	0.421%
418	20.481	20.452	20.520	HH	35788	1288895	13.69%	0.730%
419	20.536	20.520	20.563	HH	28622	722081	7.67%	0.409%
420	20.589	20.563	20.630	HH	28411	1097604	11.66%	0.622%
421	20.633	20.630	20.638	HH	26125	129402	1.37%	0.073%
422	20.659	20.638	20.703	HH	27115	1034426	10.99%	0.586%
423	20.726	20.703	20.736	HH	25898	513940	5.46%	0.291%
424	20.781	20.736	20.832	HH	27106	1507898	16.02%	0.854%
425	20.869	20.832	20.926	HH	28999	1468395	15.60%	0.832%
426	20.931	20.926	20.974	HH	24147	686899	7.30%	0.389%
427	20.981	20.974	20.990	HH	23672	227230	2.41%	0.129%
428	20.994	20.990	21.011	HH	23587	293952	3.12%	0.166%
429	21.022	21.011	21.050	HH	23651	541539	5.75%	0.307%
430	21.055	21.050	21.069	HH	23271	263299	2.80%	0.149%
431	21.076	21.069	21.087	HH	23216	251168	2.67%	0.142%
432	21.099	21.087	21.104	HH	23158	238492	2.53%	0.135%
433	21.119	21.104	21.130	HH	23473	360077	3.82%	0.204%
434	21.135	21.130	21.159	HH	23466	415652	4.41%	0.235%
435	21.177	21.159	21.188	HH	23547	399341	4.24%	0.226%
436	21.199	21.188	21.251	HH	23691	878637	9.33%	0.498%
437	21.298	21.251	21.356	HH	26000	1482402	15.75%	0.840%
438	21.364	21.356	21.412	HH	22061	733628	7.79%	0.415%
439	21.425	21.412	21.457	HH	21722	574560	6.10%	0.325%
440	21.461	21.457	21.475	HH	21211	230312	2.45%	0.130%
441	21.485	21.475	21.491	HH	21171	204450	2.17%	0.116%
442	21.493	21.491	21.515	HH	21161	291611	3.10%	0.165%
443	21.544	21.515	21.601	HH	21308	1077973	11.45%	0.610%
444	21.612	21.601	21.707	HH	20360	1268533	13.47%	0.718%
445	21.712	21.707	21.730	HH	19647	270449	2.87%	0.153%
446	21.787	21.730	21.831	HH	22476	1265340	13.44%	0.717%
447	21.851	21.831	21.895	HH	20402	764471	8.12%	0.433%
					Sum of corrected areas:		176580226	

FE050521.M Tue May 18 10:39:30 2021