

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051721\
 Data File : FE033817.D
 Signal(s) : FID1B.CH
 Acq On : 17 May 2021 17:37
 Sample : M2413-05MS
 Misc :
 ALS Vial : 8 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	2.372	2.543	PH	865417	6825298	48.62%	1.951%
2	2.547	2.543	2.562	PH	72	-74	-0.00%	-0.000%
3	2.575	2.562	2.618	PH	3010	30446	0.22%	0.009%
4	2.634	2.618	2.664	PH	16846	125326	0.89%	0.036%
5	2.679	2.664	2.692	PH	1490	8002	0.06%	0.002%
6	2.701	2.692	2.727	PH	374	-6797	-0.05%	-0.002%
7	2.746	2.727	2.758	PH	-619	-14867	-0.11%	-0.004%
8	2.766	2.758	2.774	PH	-821	-8639	-0.06%	-0.002%
9	2.786	2.774	2.796	PH	-853	-12196	-0.09%	-0.003%
10	2.802	2.796	2.834	PH	-1051	-28188	-0.20%	-0.008%
11	2.844	2.834	2.894	PH	-1129	-47023	-0.33%	-0.013%
12	2.909	2.894	2.921	PH	-1471	-25739	-0.18%	-0.007%
13	2.925	2.921	2.934	PH	-1591	-12718	-0.09%	-0.004%
14	2.961	2.934	2.997	PH	-795	-48940	-0.35%	-0.014%
15	3.014	2.997	3.027	PH	-1485	-28740	-0.20%	-0.008%
16	3.041	3.027	3.057	PH	-1364	-27885	-0.20%	-0.008%
17	3.073	3.057	3.084	PH	-1005	-19996	-0.14%	-0.006%
18	3.100	3.084	3.122	PH	200	-18416	-0.13%	-0.005%
19	3.132	3.122	3.142	PH	-1087	-14504	-0.10%	-0.004%
20	3.153	3.142	3.176	PH	-535	-22330	-0.16%	-0.006%
21	3.188	3.176	3.223	PH	58	-35430	-0.25%	-0.010%
22	3.247	3.223	3.260	PH	-1815	-42355	-0.30%	-0.012%
23	3.265	3.260	3.277	PH	-1819	-20011	-0.14%	-0.006%
24	3.291	3.277	3.334	PH	2164	-27717	-0.20%	-0.008%
25	3.356	3.334	3.392	PH	-1294	-60506	-0.43%	-0.017%
26	3.408	3.392	3.433	PH	-50	-34224	-0.24%	-0.010%
27	3.443	3.433	3.484	PH	-1490	-57912	-0.41%	-0.017%
28	3.495	3.484	3.507	PH	-2079	-29709	-0.21%	-0.008%
29	3.535	3.507	3.542	PH	-1995	-44101	-0.31%	-0.013%
30	3.544	3.542	3.557	PH	-1989	-18008	-0.13%	-0.005%
31	3.571	3.557	3.589	PH	-1802	-37444	-0.27%	-0.011%
32	3.594	3.589	3.615	PH	-2076	-34470	-0.25%	-0.010%
33	3.634	3.615	3.658	PH	-2195	-59448	-0.42%	-0.017%
34	3.688	3.658	3.712	PH	-1029	-58320	-0.42%	-0.017%
35	3.720	3.712	3.745	PH	-2006	-42228	-0.30%	-0.012%
36	3.753	3.745	3.761	PH	-2236	-21689	-0.15%	-0.006%

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37	3.772	3.761	3.801	PH	-1705	-49274	-0.35%	-0.014%	
38	3.809	3.801	3.826	PH	-2189	-33735	-0.24%	-0.010%	
39	3.845	3.826	3.852	PH	-2177	-34763	-0.25%	-0.010%	
40	3.858	3.852	3.863	PH	-2170	-15279	-0.11%	-0.004%	
41	3.878	3.863	3.884	PH	-2122	-26730	-0.19%	-0.008%	
42	3.894	3.884	3.906	PH	-1943	-27922	-0.20%	-0.008%	
43	3.909	3.906	3.917	PH	-2222	-15220	-0.11%	-0.004%	
44	3.926	3.917	3.930	PH	-2234	-18064	-0.13%	-0.005%	
45	3.942	3.930	3.965	PH	-1903	-44918	-0.32%	-0.013%	
46	3.983	3.965	3.996	PH	-1855	-37570	-0.27%	-0.011%	
47	4.001	3.996	4.007	PH	-2131	-14660	-0.10%	-0.004%	
48	4.019	4.007	4.037	PH	-1905	-37544	-0.27%	-0.011%	
49	4.064	4.037	4.094	PH	36727	421853	3.00%	0.121%	
50	4.114	4.094	4.149	HH	6462	55230	0.39%	0.016%	
51	4.153	4.149	4.186	PH	-1333	-38057	-0.27%	-0.011%	
52	4.207	4.186	4.276	PH	124669	1089061	7.76%	0.311%	
53	4.288	4.276	4.296	PH	-699	-10590	-0.08%	-0.003%	
54	4.307	4.296	4.355	PH	-483	-51950	-0.37%	-0.015%	
55	4.361	4.355	4.365	PH	-1928	-11293	-0.08%	-0.003%	
56	4.395	4.365	4.403	PH	2613	1346	0.01%	0.000%	
57	4.407	4.403	4.422	HH	1877	12487	0.09%	0.004%	
58	4.460	4.422	4.497	PH	878952	8085974	57.60%	2.311%	
59	4.504	4.497	4.539	PH	-704	-30818	-0.22%	-0.009%	
60	4.553	4.539	4.559	PH	-1082	-15292	-0.11%	-0.004%	
61	4.573	4.559	4.592	PH	2964	26143	0.19%	0.007%	
62	4.604	4.592	4.613	HH	4689	39355	0.28%	0.011%	
63	4.618	4.613	4.694	HH	3447	-19773	-0.14%	-0.006%	
64	4.710	4.694	4.726	PH	-1714	-35504	-0.25%	-0.010%	
65	4.742	4.726	4.758	PH	-1086	-29927	-0.21%	-0.009%	
66	4.772	4.758	4.779	PH	-1647	-22306	-0.16%	-0.006%	
67	4.793	4.779	4.821	PH	-759	-34018	-0.24%	-0.010%	
68	4.840	4.821	4.896	PH	-1020	-81008	-0.58%	-0.023%	
69	4.910	4.896	4.941	PH	-1184	-45047	-0.32%	-0.013%	
70	4.954	4.941	4.979	PH	-1936	-46980	-0.33%	-0.013%	
71	4.982	4.979	4.997	PH	-2036	-22081	-0.16%	-0.006%	
72	5.040	4.997	5.063	PH	-781	-55682	-0.40%	-0.016%	
73	5.079	5.063	5.116	PH	-31	-36713	-0.26%	-0.010%	
74	5.142	5.116	5.164	PH	-943	-42445	-0.30%	-0.012%	
75	5.193	5.164	5.228	PH	-1307	-65377	-0.47%	-0.019%	
76	5.262	5.228	5.286	PH	-1463	-61703	-0.44%	-0.018%	
77	5.308	5.286	5.332	PH	3395	2286	0.02%	0.001%	
78	5.338	5.332	5.352	PH	-1421	-17835	-0.13%	-0.005%	
79	5.368	5.352	5.400	PH	1325	-19263	-0.14%	-0.006%	
80	5.409	5.400	5.422	PH	-1635	-22644	-0.16%	-0.006%	
81	5.439	5.422	5.464	PH	-1703	-44019	-0.31%	-0.013%	
82	5.487	5.464	5.510	PH	4741	13275	0.09%	0.004%	
83	5.563	5.510	5.589	PH	12581	106258	0.76%	0.030%	
84	5.602	5.589	5.637	PH	-1043	-40411	-0.29%	-0.012%	
85	5.651	5.637	5.703	PH	493	-19788	-0.14%	-0.006%	
86	5.722	5.703	5.750	PH	-615	-29973	-0.21%	-0.009%	
87	5.764	5.750	5.779	PH	-1234	-23851	-0.17%	-0.007%	
88	5.784	5.779	5.799	PH	-1441	-18259	-0.13%	-0.005%	
89	5.831	5.799	5.850	PH	-995	-41849	-0.30%	-0.012%	

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90	5.871	5.850	5.877	PH	-1344	-22927	-0.16%	-0.007%
91	5.880	5.877	5.885	PH	-1387	-6884	-0.05%	-0.002%
92	5.904	5.885	5.926	PH	-1271	-33877	-0.24%	-0.010%
93	5.939	5.926	5.959	PH	-1263	-28721	-0.20%	-0.008%
94	5.973	5.959	5.983	PH	-1157	-18964	-0.14%	-0.005%
95	5.996	5.983	6.011	PH	-1071	-19849	-0.14%	-0.006%
96	6.035	6.011	6.075	PH	4381	24964	0.18%	0.007%
97	6.098	6.075	6.162	PH	4191	5852	0.04%	0.002%
98	6.186	6.162	6.202	PH	587	-8425	-0.06%	-0.002%
99	6.215	6.202	6.240	PH	-147	-13939	-0.10%	-0.004%
100	6.267	6.240	6.294	PH	-9	-21420	-0.15%	-0.006%
101	6.312	6.294	6.331	PH	3261	26638	0.19%	0.008%
102	6.337	6.331	6.381	HH	433	-11187	-0.08%	-0.003%
103	6.390	6.381	6.418	PH	-865	-22531	-0.16%	-0.006%
104	6.430	6.418	6.435	PH	-498	-8136	-0.06%	-0.002%
105	6.470	6.435	6.533	PH	830810	8364660	59.58%	2.391%
106	6.547	6.533	6.580	PH	-616	-21423	-0.15%	-0.006%
107	6.601	6.580	6.606	PH	46	-5564	-0.04%	-0.002%
108	6.634	6.606	6.684	PH	3645	40357	0.29%	0.012%
109	6.709	6.684	6.726	PH	166	-7261	-0.05%	-0.002%
110	6.766	6.726	6.784	PH	8131	99366	0.71%	0.028%
111	6.805	6.784	6.838	HH	6421	58626	0.42%	0.017%
112	6.855	6.838	6.885	PH	-203	-20210	-0.14%	-0.006%
113	6.958	6.885	6.969	PH	10372	92368	0.66%	0.026%
114	6.986	6.969	7.003	HH	12239	171752	1.22%	0.049%
115	7.014	7.003	7.027	HH	4995	48654	0.35%	0.014%
116	7.038	7.027	7.061	HH	4905	40533	0.29%	0.012%
117	7.064	7.061	7.077	PH	-131	-2495	-0.02%	-0.001%
118	7.093	7.077	7.106	PH	1212	8226	0.06%	0.002%
119	7.120	7.106	7.153	PH	1287	5512	0.04%	0.002%
120	7.169	7.153	7.202	PH	-257	-19615	-0.14%	-0.006%
121	7.205	7.202	7.207	PH	-943	-2802	-0.02%	-0.001%
122	7.228	7.207	7.246	PH	207	-8938	-0.06%	-0.003%
123	7.260	7.246	7.279	PH	-42	-7715	-0.05%	-0.002%
124	7.294	7.279	7.333	PH	-310	-21518	-0.15%	-0.006%
125	7.345	7.333	7.367	PH	-683	-15179	-0.11%	-0.004%
126	7.389	7.367	7.413	PH	2923	16552	0.12%	0.005%
127	7.450	7.413	7.470	PH	-191	-16644	-0.12%	-0.005%
128	7.482	7.470	7.497	PH	-330	-6521	-0.05%	-0.002%
129	7.513	7.497	7.556	PH	-111	-14746	-0.11%	-0.004%
130	7.559	7.556	7.579	PH	-630	-9530	-0.07%	-0.003%
131	7.585	7.579	7.592	PH	-619	-5214	-0.04%	-0.001%
132	7.614	7.592	7.630	PH	-282	-9989	-0.07%	-0.003%
133	7.647	7.630	7.659	PH	-356	-7604	-0.05%	-0.002%
134	7.679	7.659	7.716	PH	1962	9452	0.07%	0.003%
135	7.735	7.716	7.760	PH	-80	-6965	-0.05%	-0.002%
136	7.772	7.760	7.787	PH	-140	-3763	-0.03%	-0.001%
137	7.807	7.787	7.828	PH	2913	36152	0.26%	0.010%
138	7.844	7.828	7.865	HH	2968	31992	0.23%	0.009%
139	7.878	7.865	7.894	PH	104	372	0.00%	0.000%
140	7.910	7.894	7.936	PH	410	1343	0.01%	0.000%
141	7.955	7.936	7.982	PH	855	5009	0.04%	0.001%

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142	8.012	7.982	8.033	PH	541	7161	0.05%	0.002%
143	8.043	8.033	8.052	PH	139	164	0.00%	0.000%
144	8.088	8.052	8.116	PH	441	4856	0.03%	0.001%
145	8.153	8.116	8.176	PH	1213	14741	0.11%	0.004%
146	8.190	8.176	8.202	HH	805	8214	0.06%	0.002%
147	8.266	8.202	8.299	HH	802350	14039200	100.00%	4.013%
148	8.329	8.299	8.362	HH	321231	3368127	23.99%	0.963%
149	8.371	8.362	8.412	HH	3997	76946	0.55%	0.022%
150	8.425	8.412	8.451	HH	1836	34117	0.24%	0.010%
151	8.460	8.451	8.476	HH	1288	17721	0.13%	0.005%
152	8.489	8.476	8.531	HH	1456	34777	0.25%	0.010%
153	8.548	8.531	8.561	HH	1386	19840	0.14%	0.006%
154	8.572	8.561	8.602	HH	1223	26640	0.19%	0.008%
155	8.624	8.602	8.649	HH	2309	42843	0.31%	0.012%
156	8.668	8.649	8.684	HH	2278	34330	0.24%	0.010%
157	8.703	8.684	8.707	HH	2143	22572	0.16%	0.006%
158	8.731	8.707	8.771	HH	4113	103057	0.73%	0.029%
159	8.791	8.771	8.825	HH	1932	45083	0.32%	0.013%
160	8.847	8.825	8.857	HH	1411	23112	0.16%	0.007%
161	8.882	8.857	8.899	HH	1509	34125	0.24%	0.010%
162	8.910	8.899	8.919	HH	1554	17305	0.12%	0.005%
163	8.942	8.919	8.971	HH	3307	67482	0.48%	0.019%
164	8.997	8.971	9.022	HH	3031	67062	0.48%	0.019%
165	9.025	9.022	9.042	HH	1714	17527	0.12%	0.005%
166	9.050	9.042	9.061	HH	1466	15246	0.11%	0.004%
167	9.081	9.061	9.103	HH	5493	77177	0.55%	0.022%
168	9.118	9.103	9.144	HH	1933	42298	0.30%	0.012%
169	9.151	9.144	9.156	HH	1636	11504	0.08%	0.003%
170	9.168	9.156	9.182	HH	1730	25131	0.18%	0.007%
171	9.200	9.182	9.217	HH	2466	40749	0.29%	0.012%
172	9.232	9.217	9.248	HH	1865	30698	0.22%	0.009%
173	9.283	9.248	9.332	HH	3020	105757	0.75%	0.030%
174	9.341	9.332	9.349	HH	1748	16793	0.12%	0.005%
175	9.368	9.349	9.386	HH	2316	45959	0.33%	0.013%
176	9.411	9.386	9.434	HH	5855	101729	0.72%	0.029%
177	9.457	9.434	9.512	HH	5434	165477	1.18%	0.047%
178	9.534	9.512	9.566	HH	3632	91980	0.66%	0.026%
179	9.586	9.566	9.621	HH	3079	83519	0.59%	0.024%
180	9.640	9.621	9.664	HH	3033	67002	0.48%	0.019%
181	9.697	9.664	9.718	HH	4293	104099	0.74%	0.030%
182	9.735	9.718	9.751	HH	2898	52236	0.37%	0.015%
183	9.775	9.751	9.786	HH	3844	67771	0.48%	0.019%
184	9.796	9.786	9.816	HH	3822	60862	0.43%	0.017%
185	9.822	9.816	9.827	HH	3045	21013	0.15%	0.006%
186	9.865	9.827	9.915	HH	774429	8717691	62.10%	2.492%
187	9.936	9.915	9.950	HH	3953	78989	0.56%	0.023%
188	9.965	9.950	9.986	HH	4453	85159	0.61%	0.024%
189	10.015	9.986	10.088	HH	73892	1057486	7.53%	0.302%
190	10.107	10.088	10.122	HH	3994	78166	0.56%	0.022%
191	10.133	10.122	10.151	HH	3874	64566	0.46%	0.018%
192	10.162	10.151	10.177	HH	3992	61370	0.44%	0.018%
193	10.201	10.177	10.220	HH	4508	106098	0.76%	0.030%
194	10.246	10.220	10.271	HH	5902	149880	1.07%	0.043%

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195	10.302	10.271	10.321	HH	6849	161005	1.15%	0.046%
196	10.334	10.321	10.360	HH	5511	116600	0.83%	0.033%
197	10.392	10.360	10.427	HH	5402	193666	1.38%	0.055%
198	10.446	10.427	10.459	HH	5135	91911	0.65%	0.026%
199	10.482	10.459	10.489	HH	5443	93082	0.66%	0.027%
200	10.508	10.489	10.537	HH	7387	179058	1.28%	0.051%
201	10.551	10.537	10.562	HH	5833	84761	0.60%	0.024%
202	10.597	10.562	10.611	HH	8107	199842	1.42%	0.057%
203	10.621	10.611	10.639	HH	7272	112560	0.80%	0.032%
204	10.661	10.639	10.691	HH	7708	215598	1.54%	0.062%
205	10.722	10.691	10.735	HH	6793	170715	1.22%	0.049%
206	10.750	10.735	10.779	HH	6985	160518	1.14%	0.046%
207	10.786	10.779	10.791	HH	5593	39982	0.28%	0.011%
208	10.795	10.791	10.809	HH	5542	58932	0.42%	0.017%
209	10.852	10.809	10.902	HH	37707	763050	5.44%	0.218%
210	10.930	10.902	10.957	HH	8453	234920	1.67%	0.067%
211	10.987	10.957	11.005	HH	7720	200063	1.43%	0.057%
212	11.028	11.005	11.043	HH	7434	161094	1.15%	0.046%
213	11.049	11.043	11.064	HH	6846	83217	0.59%	0.024%
214	11.079	11.064	11.093	HH	6612	112559	0.80%	0.032%
215	11.113	11.093	11.134	HH	7092	164890	1.17%	0.047%
216	11.155	11.134	11.185	HH	8495	223450	1.59%	0.064%
217	11.211	11.185	11.217	HH	6625	127205	0.91%	0.036%
218	11.246	11.217	11.268	HH	9770	244082	1.74%	0.070%
219	11.307	11.268	11.354	HH	747179	8990542	64.04%	2.570%
220	11.395	11.354	11.430	HH	10292	410469	2.92%	0.117%
221	11.456	11.430	11.479	HH	10739	258333	1.84%	0.074%
222	11.495	11.479	11.518	HH	9087	184170	1.31%	0.053%
223	11.538	11.518	11.547	HH	9314	145175	1.03%	0.041%
224	11.563	11.547	11.592	HH	13040	271691	1.94%	0.078%
225	11.620	11.592	11.639	HH	10036	243345	1.73%	0.070%
226	11.658	11.639	11.670	HH	11783	189825	1.35%	0.054%
227	11.689	11.670	11.705	HH	16788	275091	1.96%	0.079%
228	11.721	11.705	11.756	HH	15473	347566	2.48%	0.099%
229	11.771	11.756	11.791	HH	10264	200344	1.43%	0.057%
230	11.806	11.791	11.819	HH	9711	153499	1.09%	0.044%
231	11.838	11.819	11.877	HH	10191	297443	2.12%	0.085%
232	11.891	11.877	11.897	HH	7356	88119	0.63%	0.025%
233	11.941	11.897	11.963	HH	18612	439489	3.13%	0.126%
234	11.969	11.963	11.998	HH	9734	186670	1.33%	0.053%
235	12.018	11.998	12.036	HH	12535	241866	1.72%	0.069%
236	12.070	12.036	12.097	HH	16945	473836	3.38%	0.135%
237	12.119	12.097	12.162	HH	12914	405549	2.89%	0.116%
238	12.167	12.162	12.177	HH	8377	74134	0.53%	0.021%
239	12.245	12.177	12.297	HH	265244	4669673	33.26%	1.335%
240	12.306	12.297	12.340	HH	12239	299317	2.13%	0.086%
241	12.362	12.340	12.414	HH	18887	577334	4.11%	0.165%
242	12.438	12.414	12.456	HH	12079	276583	1.97%	0.079%
243	12.468	12.456	12.490	HH	10733	209499	1.49%	0.060%
244	12.510	12.490	12.533	HH	11483	280178	2.00%	0.080%
245	12.555	12.533	12.569	HH	12062	242584	1.73%	0.069%
246	12.617	12.569	12.647	HH	748817	9571441	68.18%	2.736%

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247	12.671	12.647	12.709	HH	43851	792134	5.64%	0.226%
248	12.716	12.709	12.725	HH	11142	106404	0.76%	0.030%
249	12.738	12.725	12.752	HH	11574	184734	1.32%	0.053%
250	12.760	12.752	12.774	HH	11689	148212	1.06%	0.042%
251	12.778	12.774	12.796	HH	11275	147480	1.05%	0.042%
252	12.813	12.796	12.825	HH	11605	196456	1.40%	0.056%
253	12.854	12.825	12.872	HH	17250	398672	2.84%	0.114%
254	12.885	12.872	12.935	HH	14678	482875	3.44%	0.138%
255	12.969	12.935	12.992	HH	38533	715428	5.10%	0.205%
256	13.016	12.992	13.042	HH	28157	627246	4.47%	0.179%
257	13.058	13.042	13.088	HH	19701	456632	3.25%	0.131%
258	13.096	13.088	13.128	HH	13499	309237	2.20%	0.088%
259	13.146	13.128	13.156	HH	13166	215108	1.53%	0.061%
260	13.189	13.156	13.205	HH	14973	406670	2.90%	0.116%
261	13.240	13.205	13.268	HH	21816	670836	4.78%	0.192%
262	13.294	13.268	13.310	HH	18370	436992	3.11%	0.125%
263	13.336	13.310	13.365	HH	28630	693875	4.94%	0.198%
264	13.370	13.365	13.399	HH	16797	326965	2.33%	0.093%
265	13.426	13.399	13.431	HH	19365	331431	2.36%	0.095%
266	13.458	13.431	13.501	HH	76298	1504114	10.71%	0.430%
267	13.525	13.501	13.542	HH	18784	448968	3.20%	0.128%
268	13.565	13.542	13.594	HH	21163	610494	4.35%	0.175%
269	13.607	13.594	13.615	HH	19519	244568	1.74%	0.070%
270	13.632	13.615	13.664	HH	19682	566879	4.04%	0.162%
271	13.668	13.664	13.688	HH	19078	269288	1.92%	0.077%
272	13.708	13.688	13.726	HH	21092	441152	3.14%	0.126%
273	13.747	13.726	13.757	HH	20046	374554	2.67%	0.107%
274	13.761	13.757	13.777	HH	20050	226891	1.62%	0.065%
275	13.816	13.777	13.850	HH	717845	9581906	68.25%	2.739%
276	13.858	13.850	13.866	HH	22324	211668	1.51%	0.061%
277	13.879	13.866	13.884	HH	22718	241087	1.72%	0.069%
278	13.888	13.884	13.922	HH	22640	487503	3.47%	0.139%
279	13.932	13.922	13.941	HH	20896	226460	1.61%	0.065%
280	13.965	13.941	13.982	HH	22897	546467	3.89%	0.156%
281	13.990	13.982	14.000	HH	21894	224147	1.60%	0.064%
282	14.026	14.000	14.057	HH	22341	750599	5.35%	0.215%
283	14.079	14.057	14.106	HH	23088	660643	4.71%	0.189%
284	14.115	14.106	14.142	HH	23000	490836	3.50%	0.140%
285	14.166	14.142	14.180	HH	26311	552900	3.94%	0.158%
286	14.202	14.180	14.272	HH	33656	1492555	10.63%	0.427%
287	14.281	14.272	14.285	HH	23811	183448	1.31%	0.052%
288	14.302	14.285	14.340	HH	25758	792279	5.64%	0.226%
289	14.373	14.340	14.414	HH	30960	1213432	8.64%	0.347%
290	14.435	14.414	14.455	HH	35144	758341	5.40%	0.217%
291	14.472	14.455	14.489	HH	29638	589465	4.20%	0.169%
292	14.493	14.489	14.519	HH	28455	480497	3.42%	0.137%
293	14.538	14.519	14.561	HH	31254	695596	4.95%	0.199%
294	14.600	14.561	14.637	HH	32301	1320535	9.41%	0.377%
295	14.662	14.637	14.678	HH	28306	680560	4.85%	0.195%
296	14.714	14.678	14.746	HH	450282	6879288	49.00%	1.967%
297	14.762	14.746	14.790	HH	32071	788447	5.62%	0.225%
298	14.817	14.790	14.826	HH	28637	612753	4.36%	0.175%
299	14.850	14.826	14.869	HH	35481	813185	5.79%	0.232%

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300	14.919	14.869	14.949	HH	682780	10105112	71.98%	2.889%
301	14.958	14.949	14.981	HH	31411	572460	4.08%	0.164%
302	15.012	14.981	15.037	HH	29830	974900	6.94%	0.279%
303	15.053	15.037	15.080	HH	29556	735331	5.24%	0.210%
304	15.111	15.080	15.130	HH	29192	848829	6.05%	0.243%
305	15.156	15.130	15.194	HH	31403	1141454	8.13%	0.326%
306	15.199	15.194	15.209	HH	28927	261814	1.86%	0.075%
307	15.229	15.209	15.264	HH	30569	980914	6.99%	0.280%
308	15.294	15.264	15.370	HH	286117	5624678	40.06%	1.608%
309	15.387	15.370	15.393	HH	31622	419012	2.98%	0.120%
310	15.401	15.393	15.406	HH	31809	250010	1.78%	0.071%
311	15.449	15.406	15.473	HH	41932	1472227	10.49%	0.421%
312	15.507	15.473	15.545	HH	36243	1442018	10.27%	0.412%
313	15.565	15.545	15.586	HH	33495	774228	5.51%	0.221%
314	15.610	15.586	15.634	HH	32994	895465	6.38%	0.256%
315	15.659	15.634	15.678	HH	33611	861969	6.14%	0.246%
316	15.694	15.678	15.727	HH	32718	941453	6.71%	0.269%
317	15.751	15.727	15.790	HH	32778	1187749	8.46%	0.340%
318	15.813	15.790	15.842	HH	37098	1049806	7.48%	0.300%
319	15.851	15.842	15.869	HH	32340	514923	3.67%	0.147%
320	15.889	15.869	15.899	HH	32458	568188	4.05%	0.162%
321	15.941	15.899	16.016	HH	659488	10561877	75.23%	3.019%
322	16.037	16.016	16.057	HH	31688	766760	5.46%	0.219%
323	16.071	16.057	16.084	HH	31862	500599	3.57%	0.143%
324	16.110	16.084	16.114	HH	32638	564271	4.02%	0.161%
325	16.143	16.114	16.181	HH	35338	1373620	9.78%	0.393%
326	16.192	16.181	16.209	HH	32285	527297	3.76%	0.151%
327	16.233	16.209	16.253	HH	34169	890250	6.34%	0.254%
328	16.260	16.253	16.279	HH	33701	518805	3.70%	0.148%
329	16.308	16.279	16.371	HH	56511	2217241	15.79%	0.634%
330	16.412	16.371	16.465	HH	50750	2218840	15.80%	0.634%
331	16.497	16.465	16.516	HH	36107	1062623	7.57%	0.304%
332	16.548	16.516	16.593	HH	37709	1642035	11.70%	0.469%
333	16.605	16.593	16.626	HH	35564	691654	4.93%	0.198%
334	16.633	16.626	16.649	HH	34818	483344	3.44%	0.138%
335	16.676	16.649	16.714	HH	44390	1527230	10.88%	0.437%
336	16.731	16.714	16.759	HH	44016	1083864	7.72%	0.310%
337	16.788	16.759	16.833	HH	43474	1659092	11.82%	0.474%
338	16.891	16.833	16.924	HH	648801	10211600	72.74%	2.919%
339	16.936	16.924	16.968	HH	39421	973321	6.93%	0.278%
340	16.973	16.968	16.981	HH	34649	259305	1.85%	0.074%
341	17.016	16.981	17.039	HH	35263	1213283	8.64%	0.347%
342	17.056	17.039	17.074	HH	34890	710889	5.06%	0.203%
343	17.079	17.074	17.083	HH	34333	185500	1.32%	0.053%
344	17.132	17.083	17.174	HH	38150	1945130	13.85%	0.556%
345	17.208	17.174	17.230	HH	35331	1152238	8.21%	0.329%
346	17.252	17.230	17.282	HH	41921	1174677	8.37%	0.336%
347	17.305	17.282	17.311	HH	37207	637930	4.54%	0.182%
348	17.333	17.311	17.370	HH	47736	1378171	9.82%	0.394%
349	17.376	17.370	17.392	HH	33746	452777	3.23%	0.129%
350	17.414	17.392	17.421	HH	34223	582650	4.15%	0.167%
351	17.426	17.421	17.429	HH	34099	161675	1.15%	0.046%

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352	17.453	17.429	17.524	HH	37518	1937709	13.80%	0.554%
353	17.544	17.524	17.587	HH	33632	1216939	8.67%	0.348%
354	17.627	17.587	17.659	HH	33866	1428120	10.17%	0.408%
355	17.676	17.659	17.682	HH	33874	455508	3.24%	0.130%
356	17.717	17.682	17.736	HH	35386	1139259	8.11%	0.326%
357	17.779	17.736	17.810	HH	606013	9636075	68.64%	2.755%
358	17.824	17.810	17.844	HH	36623	708309	5.05%	0.202%
359	17.865	17.844	17.885	HH	35227	844502	6.02%	0.241%
360	17.923	17.885	17.985	HH	40006	2135905	15.21%	0.611%
361	18.004	17.985	18.030	HH	35856	916079	6.53%	0.262%
362	18.038	18.030	18.042	HH	32730	244937	1.74%	0.070%
363	18.065	18.042	18.083	HH	33986	807985	5.76%	0.231%
364	18.094	18.083	18.101	HH	34648	367378	2.62%	0.105%
365	18.132	18.101	18.176	HH	136038	3229836	23.01%	0.923%
366	18.197	18.176	18.233	HH	53050	1430289	10.19%	0.409%
367	18.253	18.233	18.259	HH	33828	515754	3.67%	0.147%
368	18.263	18.259	18.268	HH	33521	187408	1.33%	0.054%
369	18.291	18.268	18.346	HH	42447	1649971	11.75%	0.472%
370	18.351	18.346	18.377	HH	31731	580535	4.14%	0.166%
371	18.385	18.377	18.391	HH	30926	248786	1.77%	0.071%
372	18.415	18.391	18.436	HH	35300	899668	6.41%	0.257%
373	18.449	18.436	18.476	HH	32205	756757	5.39%	0.216%
374	18.480	18.476	18.484	HH	31231	158295	1.13%	0.045%
375	18.494	18.484	18.524	HH	31406	734925	5.23%	0.210%
376	18.556	18.524	18.572	HH	35652	949055	6.76%	0.271%
377	18.613	18.572	18.660	HH	604200	9970443	71.02%	2.850%
378	18.664	18.660	18.680	HH	31741	384956	2.74%	0.110%
379	18.714	18.680	18.741	HH	35812	1209564	8.62%	0.346%
380	18.764	18.741	18.804	HH	36413	1253055	8.93%	0.358%
381	18.811	18.804	18.831	HH	30748	490440	3.49%	0.140%
382	18.855	18.831	18.879	HH	30985	884231	6.30%	0.253%
383	18.896	18.879	18.914	HH	30970	652468	4.65%	0.187%
384	18.959	18.914	18.987	HH	90333	2284556	16.27%	0.653%
385	19.006	18.987	19.071	HH	48627	1916437	13.65%	0.548%
386	19.103	19.071	19.149	HH	32892	1496489	10.66%	0.428%
387	19.198	19.149	19.223	HH	32198	1371261	9.77%	0.392%
388	19.241	19.223	19.274	HH	30357	905862	6.45%	0.259%
389	19.299	19.274	19.322	HH	31037	880996	6.28%	0.252%
390	19.329	19.322	19.334	HH	29416	207873	1.48%	0.059%
391	19.397	19.334	19.440	HH	582508	10242235	72.95%	2.928%
392	19.467	19.440	19.479	HH	38759	836255	5.96%	0.239%
393	19.495	19.479	19.526	HH	38931	1009598	7.19%	0.289%
394	19.553	19.526	19.616	HH	34237	1714008	12.21%	0.490%
395	19.650	19.616	19.655	HH	31420	731937	5.21%	0.209%
396	19.665	19.655	19.711	HH	31676	1032007	7.35%	0.295%
397	19.739	19.711	19.746	HH	40687	754925	5.38%	0.216%
398	19.762	19.746	19.848	HH	41494	2090243	14.89%	0.598%
399	19.868	19.848	19.882	HH	30280	608685	4.34%	0.174%
400	19.904	19.882	19.909	HH	30262	499057	3.55%	0.143%
401	19.918	19.909	19.922	HH	30582	239836	1.71%	0.069%
402	19.971	19.922	19.999	HH	34160	1496605	10.66%	0.428%
403	20.016	19.999	20.023	HH	33385	480705	3.42%	0.137%
404	20.027	20.023	20.072	HH	33194	942370	6.71%	0.269%

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405	20.081	20.072	20.087	HH	31644	273656	1.95%	0.078%
406	20.138	20.087	20.206	HH	596381	10873744	77.45%	3.108%
407	20.210	20.206	20.246	HH	32590	771746	5.50%	0.221%
408	20.293	20.246	20.333	HH	39643	1828358	13.02%	0.523%
409	20.365	20.333	20.378	HH	34095	889328	6.33%	0.254%
410	20.390	20.378	20.415	HH	33691	740518	5.27%	0.212%
411	20.423	20.415	20.444	HH	33027	577388	4.11%	0.165%
412	20.484	20.444	20.529	HH	39821	1774098	12.64%	0.507%
413	20.546	20.529	20.567	HH	32317	746184	5.32%	0.213%
414	20.579	20.567	20.627	HH	32897	1146412	8.17%	0.328%
415	20.635	20.627	20.637	HH	31755	207377	1.48%	0.059%
416	20.673	20.637	20.700	HH	32323	1198923	8.54%	0.343%
417	20.724	20.700	20.741	HH	31601	769252	5.48%	0.220%
418	20.776	20.741	20.822	HH	32278	1524269	10.86%	0.436%
419	20.880	20.822	20.974	HH	493694	11319252	80.63%	3.236%
420	20.982	20.974	21.007	HH	28988	577117	4.11%	0.165%
421	21.019	21.007	21.030	HH	28763	386829	2.76%	0.111%
422	21.035	21.030	21.054	HH	28701	413695	2.95%	0.118%
423	21.057	21.054	21.065	HH	28412	188791	1.34%	0.054%
424	21.101	21.065	21.105	HH	28628	681843	4.86%	0.195%
425	21.127	21.105	21.163	HH	28922	1004206	7.15%	0.287%
426	21.197	21.163	21.254	HH	28894	1541781	10.98%	0.441%
427	21.300	21.254	21.346	HH	30647	1581713	11.27%	0.452%
428	21.372	21.346	21.381	HH	27309	573574	4.09%	0.164%
429	21.388	21.381	21.409	HH	27270	448049	3.19%	0.128%
430	21.420	21.409	21.471	HH	27196	995311	7.09%	0.285%
431	21.476	21.471	21.516	HH	26652	709155	5.05%	0.203%
432	21.552	21.516	21.566	HH	26197	787996	5.61%	0.225%
433	21.588	21.566	21.616	HH	25830	768901	5.48%	0.220%
434	21.621	21.616	21.625	HH	25612	144068	1.03%	0.041%
435	21.677	21.625	21.726	HH	34087	1724895	12.29%	0.493%
436	21.803	21.726	21.901	HHA	386199	11224399	79.95%	3.209%
					Sum of corrected areas:	349819221		

FE050521.M Tue May 18 10:37:54 2021