

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102120\
 Data File : FE033029.D
 Signal(s) : FID1B.CH
 Acq On : 21 Oct 2020 14:41
 Sample : L4436-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE101420.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.351	2.302	2.440	BH	-399	-97393	-0.65%	-0.012%
2	2.445	2.440	2.501	PH	-2309	-99009	-0.66%	-0.012%
3	2.505	2.501	2.509	PH	-3002	-15386	-0.10%	-0.002%
4	2.513	2.509	2.558	PH	-2944	-91708	-0.61%	-0.011%
5	2.581	2.558	2.607	PH	-3000	-105544	-0.70%	-0.013%
6	2.614	2.607	2.629	PH	-3653	-50801	-0.34%	-0.006%
7	2.635	2.629	2.641	PH	-3806	-26333	-0.18%	-0.003%
8	2.646	2.641	2.658	PH	-3864	-41869	-0.28%	-0.005%
9	2.664	2.658	2.694	PH	-3980	-89168	-0.59%	-0.011%
10	2.707	2.694	2.723	PH	-4236	-77043	-0.51%	-0.009%
11	2.727	2.723	2.744	PH	-4491	-58514	-0.39%	-0.007%
12	2.747	2.744	2.761	PH	-4808	-50230	-0.34%	-0.006%
13	2.766	2.761	2.771	PH	-4879	-30115	-0.20%	-0.004%
14	2.775	2.771	2.787	PH	-5030	-49029	-0.33%	-0.006%
15	2.805	2.787	2.867	PH	-3957	-240168	-1.60%	-0.029%
16	2.895	2.867	2.951	PH	-4928	-281789	-1.88%	-0.034%
17	2.962	2.951	3.022	PH	-5766	-259689	-1.73%	-0.032%
18	3.028	3.022	3.042	PH	-6275	-76169	-0.51%	-0.009%
19	3.055	3.042	3.066	PH	-5998	-88976	-0.59%	-0.011%
20	3.082	3.066	3.092	PH	-6009	-95315	-0.64%	-0.012%
21	3.111	3.092	3.134	PH	-5813	-153522	-1.02%	-0.019%
22	3.158	3.134	3.217	PH	-6111	-317797	-2.12%	-0.039%
23	3.228	3.217	3.234	PH	-6712	-70049	-0.47%	-0.009%
24	3.249	3.234	3.288	PH	-6215	-215293	-1.44%	-0.026%
25	3.301	3.288	3.316	PH	-6616	-114713	-0.77%	-0.014%
26	3.344	3.316	3.392	PH	-5982	-306082	-2.04%	-0.037%
27	3.398	3.392	3.422	PH	-7135	-131275	-0.88%	-0.016%
28	3.429	3.422	3.433	PH	-7370	-47029	-0.31%	-0.006%
29	3.452	3.433	3.485	PH	-6893	-225357	-1.50%	-0.027%
30	3.505	3.485	3.511	PH	-7059	-112160	-0.75%	-0.014%
31	3.521	3.511	3.562	PH	-6901	-219540	-1.46%	-0.027%
32	3.565	3.562	3.572	PH	-7340	-44269	-0.30%	-0.005%
33	3.577	3.572	3.594	PH	-7432	-101172	-0.68%	-0.012%
34	3.612	3.594	3.617	PH	-7330	-102270	-0.68%	-0.012%
35	3.638	3.617	3.702	PH	-7110	-383882	-2.56%	-0.047%
36	3.724	3.702	3.745	PH	-7076	-187359	-1.25%	-0.023%

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37	3.760	3.745	3.767	PH	-7326	-100559	-0.67%	-0.012%
38	3.775	3.767	3.790	PH	-7244	-101324	-0.68%	-0.012%
39	3.816	3.790	3.834	PH	-7099	-191240	-1.28%	-0.023%
40	3.839	3.834	3.867	PH	-7215	-148676	-0.99%	-0.018%
41	3.874	3.867	3.880	PH	-7382	-60065	-0.40%	-0.007%
42	3.883	3.880	3.899	PH	-7511	-82582	-0.55%	-0.010%
43	3.927	3.899	3.967	PH	-7148	-307555	-2.05%	-0.037%
44	4.007	3.967	4.013	PH	-7113	-211413	-1.41%	-0.026%
45	4.060	4.013	4.089	PH	-2104	-207056	-1.38%	-0.025%
46	4.097	4.089	4.158	PH	-3565	-194094	-1.29%	-0.024%
47	4.184	4.158	4.200	PH	-3809	-117677	-0.79%	-0.014%
48	4.210	4.200	4.274	PH	-4270	-239479	-1.60%	-0.029%
49	4.283	4.274	4.307	PH	-6203	-127563	-0.85%	-0.015%
50	4.311	4.307	4.317	PH	-6642	-41414	-0.28%	-0.005%
51	4.322	4.317	4.330	PH	-6619	-50380	-0.34%	-0.006%
52	4.350	4.330	4.384	PH	-6120	-211418	-1.41%	-0.026%
53	4.402	4.384	4.431	PH	-5129	-177122	-1.18%	-0.022%
54	4.437	4.431	4.442	PH	-6884	-45903	-0.31%	-0.006%
55	4.450	4.442	4.464	PH	-6856	-91998	-0.61%	-0.011%
56	4.478	4.464	4.503	PH	-6673	-161171	-1.08%	-0.020%
57	4.524	4.503	4.537	PH	-6825	-142319	-0.95%	-0.017%
58	4.554	4.537	4.581	PH	-3352	-140573	-0.94%	-0.017%
59	4.587	4.581	4.610	PH	-6481	-116363	-0.78%	-0.014%
60	4.628	4.610	4.667	PH	-5935	-219885	-1.47%	-0.027%
61	4.684	4.667	4.709	PH	-6300	-171637	-1.15%	-0.021%
62	4.713	4.709	4.744	PH	-7213	-153546	-1.02%	-0.019%
63	4.756	4.744	4.761	PH	-7249	-74676	-0.50%	-0.009%
64	4.781	4.761	4.795	PH	-6806	-144152	-0.96%	-0.018%
65	4.812	4.795	4.821	PH	-7068	-110107	-0.73%	-0.013%
66	4.835	4.821	4.849	PH	-7056	-123668	-0.83%	-0.015%
67	4.870	4.849	4.888	PH	-7169	-169007	-1.13%	-0.021%
68	4.896	4.888	4.906	PH	-7300	-79343	-0.53%	-0.010%
69	4.909	4.906	4.930	PH	-7356	-106237	-0.71%	-0.013%
70	4.939	4.930	4.959	PH	-7432	-130085	-0.87%	-0.016%
71	4.998	4.959	5.016	PH	-6707	-248565	-1.66%	-0.030%
72	5.040	5.016	5.059	PH	-7274	-190010	-1.27%	-0.023%
73	5.080	5.059	5.104	PH	-7029	-197264	-1.32%	-0.024%
74	5.121	5.104	5.125	PH	-7233	-91916	-0.61%	-0.011%
75	5.137	5.125	5.169	PH	-6967	-186136	-1.24%	-0.023%
76	5.176	5.169	5.182	PH	-7251	-59192	-0.39%	-0.007%
77	5.207	5.182	5.215	PH	-7113	-144375	-0.96%	-0.018%
78	5.218	5.215	5.225	PH	-7184	-41495	-0.28%	-0.005%
79	5.238	5.225	5.247	PH	-7264	-97653	-0.65%	-0.012%
80	5.267	5.247	5.281	PH	-6336	-135108	-0.90%	-0.016%
81	5.289	5.281	5.305	PH	-6591	-98217	-0.66%	-0.012%
82	5.323	5.305	5.366	PH	-6396	-253067	-1.69%	-0.031%
83	5.389	5.366	5.412	PH	-6032	-189923	-1.27%	-0.023%
84	5.433	5.412	5.488	PH	-6200	-314269	-2.10%	-0.038%
85	5.520	5.488	5.542	PH	-6725	-227008	-1.51%	-0.028%
86	5.546	5.542	5.570	PH	-6793	-116795	-0.78%	-0.014%
87	5.573	5.570	5.578	PH	-7175	-38328	-0.26%	-0.005%
88	5.597	5.578	5.649	PH	-6448	-297053	-1.98%	-0.036%
89	5.674	5.649	5.684	PH	-6963	-149810	-1.00%	-0.018%

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90	5.699	5.684	5.731	PH	-6185	-185849	-1.24%	-0.023%
91	5.735	5.731	5.759	PH	-6879	-118148	-0.79%	-0.014%
92	5.773	5.759	5.788	PH	-6769	-122333	-0.82%	-0.015%
93	5.804	5.788	5.833	PH	-6391	-183990	-1.23%	-0.022%
94	5.842	5.833	5.847	PH	-7047	-60160	-0.40%	-0.007%
95	5.854	5.847	5.865	PH	-6975	-77028	-0.51%	-0.009%
96	5.886	5.865	5.941	PH	-5187	-299116	-2.00%	-0.036%
97	5.981	5.941	5.991	PH	-5028	-188879	-1.26%	-0.023%
98	5.998	5.991	6.053	PH	-5335	-215779	-1.44%	-0.026%
99	6.056	6.053	6.062	PH	-6165	-34543	-0.23%	-0.004%
100	6.077	6.062	6.101	PH	-6156	-148545	-0.99%	-0.018%
101	6.123	6.101	6.180	PH	-1502	-247673	-1.65%	-0.030%
102	6.198	6.180	6.212	PH	-6270	-123013	-0.82%	-0.015%
103	6.223	6.212	6.237	PH	-6303	-96410	-0.64%	-0.012%
104	6.241	6.237	6.245	PH	-6452	-31828	-0.21%	-0.004%
105	6.274	6.245	6.290	PH	-6193	-170304	-1.14%	-0.021%
106	6.305	6.290	6.335	PH	-5800	-166355	-1.11%	-0.020%
107	6.343	6.335	6.348	PH	-6266	-46085	-0.31%	-0.006%
108	6.352	6.348	6.365	PH	-6349	-66023	-0.44%	-0.008%
109	6.371	6.365	6.376	PH	-6306	-41011	-0.27%	-0.005%
110	6.382	6.376	6.395	PH	-6307	-75412	-0.50%	-0.009%
111	6.413	6.395	6.472	PH	-5280	-274456	-1.83%	-0.033%
112	6.497	6.472	6.519	PH	-6010	-176517	-1.18%	-0.021%
113	6.559	6.519	6.579	PH	-5884	-222504	-1.48%	-0.027%
114	6.583	6.579	6.592	PH	-6155	-47903	-0.32%	-0.006%
115	6.597	6.592	6.602	PH	-6120	-35837	-0.24%	-0.004%
116	6.607	6.602	6.612	PH	-6098	-37516	-0.25%	-0.005%
117	6.619	6.612	6.627	PH	-6110	-56240	-0.38%	-0.007%
118	6.630	6.627	6.654	PH	-6169	-100744	-0.67%	-0.012%
119	6.660	6.654	6.667	PH	-6279	-49335	-0.33%	-0.006%
120	6.673	6.667	6.723	PH	-6071	-211979	-1.41%	-0.026%
121	6.738	6.723	6.758	PH	-6217	-131824	-0.88%	-0.016%
122	6.776	6.758	6.780	PH	-6251	-85874	-0.57%	-0.010%
123	6.825	6.780	6.847	PH	-6105	-249082	-1.66%	-0.030%
124	6.852	6.847	6.880	PH	-6131	-123961	-0.83%	-0.015%
125	6.906	6.880	6.912	PH	-5598	-110842	-0.74%	-0.013%
126	6.918	6.912	6.920	PH	-5494	-27603	-0.18%	-0.003%
127	6.925	6.920	6.945	PH	-5339	-80454	-0.54%	-0.010%
128	6.951	6.945	6.959	PH	-5440	-49006	-0.33%	-0.006%
129	6.970	6.959	6.994	PH	-5597	-117254	-0.78%	-0.014%
130	6.998	6.994	7.003	PH	-5772	-32897	-0.22%	-0.004%
131	7.069	7.003	7.094	PH	-4531	-284419	-1.90%	-0.035%
132	7.110	7.094	7.157	PH	-4486	-192155	-1.28%	-0.023%
133	7.182	7.157	7.201	PH	-4573	-128838	-0.86%	-0.016%
134	7.212	7.201	7.226	PH	-4864	-73949	-0.49%	-0.009%
135	7.239	7.226	7.261	PH	-4857	-104580	-0.70%	-0.013%
136	7.282	7.261	7.304	PH	-5029	-136917	-0.91%	-0.017%
137	7.333	7.304	7.381	PH	-4165	-228029	-1.52%	-0.028%
138	7.385	7.381	7.390	PH	-5393	-30181	-0.20%	-0.004%
139	7.400	7.390	7.417	PH	-5317	-88471	-0.59%	-0.011%
140	7.421	7.417	7.432	PH	-5242	-47045	-0.31%	-0.006%
141	7.439	7.432	7.450	PH	-5327	-59094	-0.39%	-0.007%

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142	7.455	7.450	7.459	PH	-5245	-29338	-0.20%	-0.004%
143	7.468	7.459	7.485	PH	-5301	-81731	-0.55%	-0.010%
144	7.507	7.485	7.521	PH	-5173	-115638	-0.77%	-0.014%
145	7.546	7.521	7.601	PH	-3332	-199926	-1.33%	-0.024%
146	7.618	7.601	7.657	PH	-3584	-148434	-0.99%	-0.018%
147	7.668	7.657	7.675	PH	-4939	-55660	-0.37%	-0.007%
148	7.692	7.675	7.720	PH	-4744	-131153	-0.88%	-0.016%
149	7.753	7.720	7.762	PH	-4444	-117807	-0.79%	-0.014%
150	7.787	7.762	7.827	PH	-3041	-157236	-1.05%	-0.019%
151	7.832	7.827	7.840	PH	-4580	-36355	-0.24%	-0.004%
152	7.852	7.840	7.866	PH	-4439	-72038	-0.48%	-0.009%
153	7.898	7.866	7.910	PH	-4420	-123493	-0.82%	-0.015%
154	7.951	7.910	7.970	PH	-3880	-146878	-0.98%	-0.018%
155	7.984	7.970	8.002	PH	-4257	-83571	-0.56%	-0.010%
156	8.026	8.002	8.051	PH	-3684	-116862	-0.78%	-0.014%
157	8.055	8.051	8.075	PH	-3975	-59101	-0.39%	-0.007%
158	8.106	8.075	8.123	PH	-3102	-102017	-0.68%	-0.012%
159	8.143	8.123	8.151	PH	-2809	-55666	-0.37%	-0.007%
160	8.173	8.151	8.190	PH	3896	8075	0.05%	0.001%
161	8.205	8.190	8.232	PH	2194	-23021	-0.15%	-0.003%
162	8.272	8.232	8.314	PH	58287	738525	4.93%	0.090%
163	8.326	8.314	8.491	HH	8154	73503	0.49%	0.009%
164	8.496	8.491	8.514	PH	-2388	-36043	-0.24%	-0.004%
165	8.521	8.514	8.534	PH	-2654	-31722	-0.21%	-0.004%
166	8.573	8.534	8.591	PH	-708	-68322	-0.46%	-0.008%
167	8.620	8.591	8.653	PH	2722	-8236	-0.05%	-0.001%
168	8.662	8.653	8.676	PH	-1080	-17024	-0.11%	-0.002%
169	8.693	8.676	8.712	PH	-1042	-26916	-0.18%	-0.003%
170	8.736	8.712	8.773	PH	-628	-51573	-0.34%	-0.006%
171	8.788	8.773	8.817	PH	-2030	-60551	-0.40%	-0.007%
172	8.856	8.817	8.880	PH	-1271	-74898	-0.50%	-0.009%
173	8.888	8.880	8.901	PH	-1809	-22682	-0.15%	-0.003%
174	8.947	8.901	8.999	PH	-114	-69369	-0.46%	-0.008%
175	9.025	8.999	9.053	PH	2400	-3210	-0.02%	-0.000%
176	9.072	9.053	9.136	PH	-98	-61970	-0.41%	-0.008%
177	9.146	9.136	9.153	PH	-2090	-23049	-0.15%	-0.003%
178	9.183	9.153	9.204	PH	-497	-45346	-0.30%	-0.006%
179	9.221	9.204	9.259	PH	-515	-40968	-0.27%	-0.005%
180	9.272	9.259	9.289	PH	-1423	-27463	-0.18%	-0.003%
181	9.323	9.289	9.346	PH	144	-24808	-0.17%	-0.003%
182	9.374	9.346	9.394	PH	1663	7219	0.05%	0.001%
183	9.413	9.394	9.462	HH	5060	96875	0.65%	0.012%
184	9.482	9.462	9.510	HH	2295	27237	0.18%	0.003%
185	9.527	9.510	9.541	PH	994	9579	0.06%	0.001%
186	9.556	9.541	9.574	HH	1355	17085	0.11%	0.002%
187	9.580	9.574	9.597	HH	506	3927	0.03%	0.000%
188	9.617	9.597	9.625	PH	1189	11175	0.07%	0.001%
189	9.636	9.625	9.665	HH	1350	14543	0.10%	0.002%
190	9.677	9.665	9.706	PH	173	-1129	-0.01%	-0.000%
191	9.740	9.706	9.770	PH	1902	40283	0.27%	0.005%
192	9.803	9.770	9.825	HH	4030	57359	0.38%	0.007%
193	9.835	9.825	9.852	HH	1221	17929	0.12%	0.002%
194	9.871	9.852	9.892	HH	1201	23644	0.16%	0.003%

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195	9.915	9.892	9.937	HH	1209	24649	0.16%	0.003%
196	9.956	9.937	9.969	HH	1362	18617	0.12%	0.002%
197	9.983	9.969	9.992	HH	1046	13402	0.09%	0.002%
198	10.009	9.992	10.055	HH	1580	26203	0.17%	0.003%
199	10.080	10.055	10.100	PH	356	5076	0.03%	0.001%
200	10.146	10.100	10.170	HH	2399	50815	0.34%	0.006%
201	10.189	10.170	10.212	HH	2223	38151	0.25%	0.005%
202	10.253	10.212	10.266	HH	3345	70165	0.47%	0.009%
203	10.285	10.266	10.310	HH	3751	80393	0.54%	0.010%
204	10.334	10.310	10.372	HH	5535	122540	0.82%	0.015%
205	10.397	10.372	10.436	HH	6328	152180	1.02%	0.018%
206	10.467	10.436	10.494	HH	68172	911438	6.08%	0.111%
207	10.504	10.494	10.519	HH	8213	114210	0.76%	0.014%
208	10.539	10.519	10.560	HH	8127	161189	1.08%	0.020%
209	10.586	10.560	10.592	HH	5821	97176	0.65%	0.012%
210	10.613	10.592	10.633	HH	8754	180268	1.20%	0.022%
211	10.648	10.633	10.662	HH	6830	103991	0.69%	0.013%
212	10.668	10.662	10.694	HH	5593	86995	0.58%	0.011%
213	10.714	10.694	10.732	HH	7405	120279	0.80%	0.015%
214	10.765	10.732	10.788	HH	7235	184770	1.23%	0.022%
215	10.813	10.788	10.869	HH	67877	1295815	8.65%	0.157%
216	10.891	10.869	10.937	HH	21013	515036	3.44%	0.063%
217	10.957	10.937	11.037	HH	12302	435324	2.90%	0.053%
218	11.054	11.037	11.079	HH	4851	117648	0.78%	0.014%
219	11.127	11.079	11.161	HH	9694	353985	2.36%	0.043%
220	11.167	11.161	11.188	HH	7338	108946	0.73%	0.013%
221	11.215	11.188	11.226	HH	7606	154229	1.03%	0.019%
222	11.253	11.226	11.264	HH	28007	405472	2.71%	0.049%
223	11.275	11.264	11.306	HH	26023	407741	2.72%	0.050%
224	11.328	11.306	11.383	HH	15829	455954	3.04%	0.055%
225	11.405	11.383	11.419	HH	7812	147208	0.98%	0.018%
226	11.438	11.419	11.464	HH	9986	216822	1.45%	0.026%
227	11.486	11.464	11.500	HH	8255	160554	1.07%	0.019%
228	11.517	11.500	11.574	HH	11633	370348	2.47%	0.045%
229	11.615	11.574	11.631	HH	17821	375150	2.50%	0.046%
230	11.648	11.631	11.693	HH	21367	506447	3.38%	0.061%
231	11.727	11.693	11.748	HH	22174	471347	3.14%	0.057%
232	11.764	11.748	11.778	HH	15797	242081	1.62%	0.029%
233	11.796	11.778	11.840	HH	18199	449902	3.00%	0.055%
234	11.860	11.840	11.873	HH	8583	165272	1.10%	0.020%
235	11.910	11.873	11.934	HH	14236	404680	2.70%	0.049%
236	11.950	11.934	11.978	HH	10640	263778	1.76%	0.032%
237	12.017	11.978	12.064	HH	24097	854525	5.70%	0.104%
238	12.085	12.064	12.134	HH	20533	608133	4.06%	0.074%
239	12.196	12.134	12.253	HH	232281	4413828	29.45%	0.536%
240	12.270	12.253	12.300	HH	14642	384347	2.56%	0.047%
241	12.315	12.300	12.322	HH	13296	173392	1.16%	0.021%
242	12.333	12.322	12.348	HH	13961	206842	1.38%	0.025%
243	12.375	12.348	12.394	HH	27932	529641	3.53%	0.064%
244	12.409	12.394	12.415	HH	16646	198413	1.32%	0.024%
245	12.423	12.415	12.446	HH	17096	292567	1.95%	0.036%
246	12.487	12.446	12.500	HH	24025	628427	4.19%	0.076%

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247	12.514	12.500	12.533	HH	23330	390581	2.61%	0.047%
248	12.554	12.533	12.572	HH	23308	457329	3.05%	0.056%
249	12.580	12.572	12.605	HH	18362	325782	2.17%	0.040%
250	12.633	12.605	12.697	HH	221624	3435166	22.92%	0.417%
251	12.716	12.697	12.740	HH	16702	413275	2.76%	0.050%
252	12.757	12.740	12.763	HH	16430	221357	1.48%	0.027%
253	12.794	12.763	12.805	HH	20934	484960	3.24%	0.059%
254	12.820	12.805	12.858	HH	22334	622749	4.15%	0.076%
255	12.877	12.858	12.905	HH	18966	507582	3.39%	0.062%
256	12.933	12.905	12.973	HH	178011	2838164	18.94%	0.345%
257	12.988	12.973	13.006	HH	33026	540454	3.61%	0.066%
258	13.021	13.006	13.083	HH	33382	1036404	6.91%	0.126%
259	13.107	13.083	13.133	HH	23300	617216	4.12%	0.075%
260	13.165	13.133	13.187	HH	32400	817779	5.46%	0.099%
261	13.211	13.187	13.234	HH	37345	846075	5.64%	0.103%
262	13.239	13.234	13.257	HH	27801	376652	2.51%	0.046%
263	13.267	13.257	13.291	HH	25877	484093	3.23%	0.059%
264	13.296	13.291	13.312	HH	22232	279286	1.86%	0.034%
265	13.336	13.312	13.356	HH	24586	589518	3.93%	0.072%
266	13.408	13.356	13.456	HH	77374	2189632	14.61%	0.266%
267	13.472	13.456	13.483	HH	22566	358546	2.39%	0.044%
268	13.528	13.483	13.570	HH	43829	1609605	10.74%	0.195%
269	13.587	13.570	13.607	HH	26514	546686	3.65%	0.066%
270	13.635	13.607	13.655	HH	33833	816474	5.45%	0.099%
271	13.675	13.655	13.690	HH	35554	683273	4.56%	0.083%
272	13.704	13.690	13.729	HH	32579	678867	4.53%	0.082%
273	13.754	13.729	13.768	HH	35122	730932	4.88%	0.089%
274	13.803	13.768	13.829	HH	81012	1726239	11.52%	0.210%
275	13.848	13.829	13.854	HH	33731	479091	3.20%	0.058%
276	13.859	13.854	13.890	HH	33643	671008	4.48%	0.081%
277	13.902	13.890	13.921	HH	29399	520462	3.47%	0.063%
278	13.929	13.921	13.934	HH	27331	223955	1.49%	0.027%
279	13.969	13.934	13.984	HH	29868	841417	5.61%	0.102%
280	13.991	13.984	14.012	HH	28715	476808	3.18%	0.058%
281	14.033	14.012	14.076	HH	30911	1118277	7.46%	0.136%
282	14.121	14.076	14.126	HH	32462	888247	5.93%	0.108%
283	14.147	14.126	14.182	HH	47671	1277919	8.53%	0.155%
284	14.194	14.182	14.202	HH	33720	410188	2.74%	0.050%
285	14.229	14.202	14.249	HH	36294	972475	6.49%	0.118%
286	14.284	14.249	14.293	HH	41452	1014494	6.77%	0.123%
287	14.313	14.293	14.355	HH	51659	1551738	10.35%	0.188%
288	14.380	14.355	14.421	HH	41472	1494969	9.97%	0.182%
289	14.448	14.421	14.474	HH	48543	1347191	8.99%	0.164%
290	14.503	14.474	14.535	HH	55490	1724548	11.51%	0.209%
291	14.565	14.535	14.581	HH	47009	1207475	8.06%	0.147%
292	14.596	14.581	14.619	HH	49412	1042647	6.96%	0.127%
293	14.654	14.619	14.684	HH	374752	6366787	42.48%	0.773%
294	14.702	14.684	14.750	HH	51569	1768603	11.80%	0.215%
295	14.791	14.750	14.795	HH	46734	1134340	7.57%	0.138%
296	14.821	14.795	14.840	HH	125399	2259185	15.07%	0.274%
297	14.861	14.840	14.919	HH	140218	3770236	25.15%	0.458%
298	14.932	14.919	14.945	HH	46639	715053	4.77%	0.087%
299	14.981	14.945	14.998	HH	57907	1600763	10.68%	0.194%

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300	15.001	14.998	15.052	HH	51901	1615788	10.78%	0.196%
301	15.057	15.052	15.069	HH	47217	478818	3.19%	0.058%
302	15.098	15.069	15.132	HH	142768	3056574	20.39%	0.371%
303	15.145	15.132	15.152	HH	53522	607165	4.05%	0.074%
304	15.177	15.152	15.208	HH	61625	1891520	12.62%	0.230%
305	15.239	15.208	15.272	HH	323167	6026460	40.21%	0.732%
306	15.283	15.272	15.325	HH	80222	2083297	13.90%	0.253%
307	15.330	15.325	15.340	HH	54203	456293	3.04%	0.055%
308	15.399	15.340	15.425	HH	384599	7166554	47.81%	0.870%
309	15.447	15.425	15.477	HH	84006	2156045	14.38%	0.262%
310	15.499	15.477	15.522	HH	89840	2007055	13.39%	0.244%
311	15.535	15.522	15.555	HH	65333	1230753	8.21%	0.149%
312	15.565	15.555	15.576	HH	60033	756231	5.05%	0.092%
313	15.598	15.576	15.613	HH	61798	1313621	8.76%	0.160%
314	15.656	15.613	15.712	HH	68060	3832425	25.57%	0.465%
315	15.735	15.712	15.744	HH	71531	1271549	8.48%	0.154%
316	15.756	15.744	15.794	HH	72049	2009008	13.40%	0.244%
317	15.826	15.794	15.857	HH	66132	2449842	16.34%	0.297%
318	15.880	15.857	15.893	HH	71633	1473803	9.83%	0.179%
319	15.914	15.893	15.923	HH	69692	1234978	8.24%	0.150%
320	15.939	15.923	15.958	HH	72228	1439253	9.60%	0.175%
321	15.962	15.958	15.981	HH	69251	969872	6.47%	0.118%
322	15.990	15.981	15.995	HH	68233	568682	3.79%	0.069%
323	16.000	15.995	16.020	HH	67819	1006989	6.72%	0.122%
324	16.036	16.020	16.041	HH	68746	848026	5.66%	0.103%
325	16.074	16.041	16.085	HH	73063	1826985	12.19%	0.222%
326	16.093	16.085	16.122	HH	72851	1613043	10.76%	0.196%
327	16.181	16.122	16.225	HH	85817	4817160	32.14%	0.585%
328	16.253	16.225	16.292	HH	137479	4047294	27.00%	0.491%
329	16.313	16.292	16.331	HH	87209	1984871	13.24%	0.241%
330	16.391	16.331	16.410	HH	181222	5728391	38.22%	0.696%
331	16.419	16.410	16.435	HH	131257	1856090	12.38%	0.225%
332	16.443	16.435	16.474	HH	132303	2603032	17.37%	0.316%
333	16.486	16.474	16.490	HH	90980	891726	5.95%	0.108%
334	16.525	16.490	16.546	HH	103171	3252145	21.70%	0.395%
335	16.552	16.546	16.564	HH	95009	997431	6.65%	0.121%
336	16.584	16.564	16.599	HH	93469	1944701	12.97%	0.236%
337	16.626	16.599	16.645	HH	100354	2671901	17.83%	0.324%
338	16.662	16.645	16.669	HH	102650	1438911	9.60%	0.175%
339	16.675	16.669	16.687	HH	102841	1133618	7.56%	0.138%
340	16.715	16.687	16.751	HH	150722	4654961	31.06%	0.565%
341	16.778	16.751	16.810	HH	162512	4698235	31.35%	0.571%
342	16.827	16.810	16.842	HH	120618	2299131	15.34%	0.279%
343	16.875	16.842	16.897	HH	176558	4610119	30.76%	0.560%
344	16.905	16.897	16.936	HH	128784	2796058	18.65%	0.340%
345	16.941	16.936	16.955	HH	109188	1263915	8.43%	0.153%
346	16.969	16.955	16.973	HH	109415	1204434	8.04%	0.146%
347	16.978	16.973	16.982	HH	109256	566226	3.78%	0.069%
348	16.987	16.982	16.994	HH	109755	764984	5.10%	0.093%
349	17.019	16.994	17.028	HH	118682	2352638	15.70%	0.286%
350	17.040	17.028	17.046	HH	116937	1235014	8.24%	0.150%
351	17.055	17.046	17.067	HH	116762	1452781	9.69%	0.176%

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352	17.075	17.067	17.094	HH	117225	1894451	12.64%	0.230%
353	17.146	17.094	17.170	HH	125265	5483254	36.58%	0.666%
354	17.198	17.170	17.230	HH	176199	5310270	35.43%	0.645%
355	17.279	17.230	17.302	HH	153874	5836719	38.94%	0.709%
356	17.307	17.302	17.335	HH	128418	2508059	16.73%	0.305%
357	17.359	17.335	17.378	HH	132590	3248117	21.67%	0.394%
358	17.395	17.378	17.420	HH	136507	3331427	22.23%	0.405%
359	17.460	17.420	17.482	HH	135873	4910681	32.76%	0.596%
360	17.496	17.482	17.532	HH	136306	3971568	26.50%	0.482%
361	17.563	17.532	17.595	HH	137564	5066725	33.80%	0.615%
362	17.614	17.595	17.624	HH	143323	2362294	15.76%	0.287%
363	17.647	17.624	17.665	HH	145517	3526540	23.53%	0.428%
364	17.691	17.665	17.696	HH	153623	2753248	18.37%	0.334%
365	17.717	17.696	17.747	HH	168744	4848028	32.35%	0.589%
366	17.752	17.747	17.762	HH	145519	1258773	8.40%	0.153%
367	17.773	17.762	17.779	HH	145468	1515633	10.11%	0.184%
368	17.810	17.779	17.832	HH	170825	4936967	32.94%	0.600%
369	17.863	17.832	17.911	HH	171455	7505857	50.08%	0.911%
370	17.917	17.911	17.931	HH	157701	1937628	12.93%	0.235%
371	17.952	17.931	17.986	HH	170602	5229196	34.89%	0.635%
372	18.007	17.986	18.020	HH	159279	3158384	21.07%	0.384%
373	18.079	18.020	18.118	HH	304753	12165935	81.17%	1.477%
374	18.145	18.118	18.157	HH	201113	4420057	29.49%	0.537%
375	18.166	18.157	18.219	HH	197187	6972265	46.52%	0.847%
376	18.234	18.219	18.257	HH	195844	4287683	28.61%	0.521%
377	18.262	18.257	18.270	HH	174057	1322898	8.83%	0.161%
378	18.276	18.270	18.283	HH	172703	1325296	8.84%	0.161%
379	18.304	18.283	18.314	HH	177967	3211610	21.43%	0.390%
380	18.332	18.314	18.354	HH	179453	4251121	28.36%	0.516%
381	18.366	18.354	18.374	HH	177292	2161714	14.42%	0.263%
382	18.378	18.374	18.384	HH	177062	1015679	6.78%	0.123%
383	18.432	18.384	18.478	HH	209948	10659802	71.12%	1.294%
384	18.500	18.478	18.505	HH	186218	3008544	20.07%	0.365%
385	18.544	18.505	18.573	HH	225194	8192823	54.66%	0.995%
386	18.577	18.573	18.595	HH	189759	2477047	16.53%	0.301%
387	18.623	18.595	18.636	HH	208874	4872794	32.51%	0.592%
388	18.655	18.636	18.672	HH	216864	4544481	30.32%	0.552%
389	18.676	18.672	18.686	HH	198112	1671669	11.15%	0.203%
390	18.707	18.686	18.727	HH	210473	4947527	33.01%	0.601%
391	18.754	18.727	18.770	HH	200747	5076495	33.87%	0.616%
392	18.837	18.770	18.853	HH	209881	9936983	66.30%	1.207%
393	18.909	18.853	18.935	HH	281564	11322602	75.54%	1.375%
394	18.963	18.935	18.984	HH	236052	6720472	44.84%	0.816%
395	18.988	18.984	19.025	HH	220853	5317462	35.48%	0.646%
396	19.054	19.025	19.062	HH	222912	4889684	32.62%	0.594%
397	19.067	19.062	19.076	HH	222263	1831559	12.22%	0.222%
398	19.085	19.076	19.091	HH	222562	1966043	13.12%	0.239%
399	19.097	19.091	19.102	HH	223921	1541171	10.28%	0.187%
400	19.107	19.102	19.149	HH	223149	6189097	41.29%	0.752%
401	19.157	19.149	19.162	HH	217315	1608429	10.73%	0.195%
402	19.178	19.162	19.182	HH	226024	2680618	17.88%	0.326%
403	19.188	19.182	19.213	HH	228538	4128358	27.54%	0.501%
404	19.222	19.213	19.237	HH	226975	3292922	21.97%	0.400%

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405	19.254	19.237	19.261	HH	228991	3277786	21.87%	0.398%
406	19.267	19.261	19.284	HH	229184	3074202	20.51%	0.373%
407	19.325	19.284	19.330	HH	236238	6278874	41.89%	0.762%
408	19.340	19.330	19.355	HH	239062	3536827	23.60%	0.429%
409	19.366	19.355	19.377	HH	237957	3162415	21.10%	0.384%
410	19.410	19.377	19.431	HH	249511	7799249	52.04%	0.947%
411	19.450	19.431	19.474	HH	253053	6347951	42.35%	0.771%
412	19.483	19.474	19.492	HH	238474	2636149	17.59%	0.320%
413	19.521	19.492	19.549	HH	250506	8250160	55.04%	1.002%
414	19.566	19.549	19.571	HH	246080	3282628	21.90%	0.399%
415	19.604	19.571	19.618	HH	260201	7092532	47.32%	0.861%
416	19.622	19.618	19.643	HH	259359	3773473	25.18%	0.458%
417	19.693	19.643	19.725	HH	299576	13707251	91.45%	1.665%
418	19.730	19.725	19.735	HH	271503	1615094	10.78%	0.196%
419	19.741	19.735	19.746	HH	270630	1640922	10.95%	0.199%
420	19.751	19.746	19.771	HH	271893	4140874	27.63%	0.503%
421	19.777	19.771	19.783	HH	269614	1965355	13.11%	0.239%
422	19.789	19.783	19.793	HH	269942	1480900	9.88%	0.180%
423	19.806	19.793	19.814	HH	270511	3527918	23.54%	0.428%
424	19.827	19.814	19.835	HH	268916	3246645	21.66%	0.394%
425	19.854	19.835	19.867	HH	274522	5234744	34.93%	0.636%
426	19.878	19.867	19.891	HH	274616	3905354	26.06%	0.474%
427	19.905	19.891	19.911	HH	274800	3310471	22.09%	0.402%
428	19.940	19.911	19.954	HH	283519	7101118	47.38%	0.862%
429	19.980	19.954	20.017	HH	295608	10904120	72.75%	1.324%
430	20.041	20.017	20.049	HH	289492	5578366	37.22%	0.677%
431	20.076	20.049	20.089	HH	299586	6974779	46.53%	0.847%
432	20.100	20.089	20.122	HH	297260	5845885	39.00%	0.710%
433	20.146	20.122	20.167	HH	300689	7999716	53.37%	0.971%
434	20.189	20.167	20.199	HH	303552	5671726	37.84%	0.689%
435	20.208	20.199	20.218	HH	300489	3515647	23.46%	0.427%
436	20.228	20.218	20.232	HH	302066	2483861	16.57%	0.302%
437	20.245	20.232	20.263	HH	307040	5568018	37.15%	0.676%
438	20.284	20.263	20.292	HH	303487	5210390	34.76%	0.633%
439	20.307	20.292	20.317	HH	308471	4639192	30.95%	0.563%
440	20.325	20.317	20.330	HH	307280	2315330	15.45%	0.281%
441	20.356	20.330	20.370	HH	313479	7576583	50.55%	0.920%
442	20.381	20.370	20.386	HH	311784	2858927	19.07%	0.347%
443	20.397	20.386	20.408	HH	317038	4180209	27.89%	0.508%
444	20.434	20.408	20.452	HH	327690	8481378	56.59%	1.030%
445	20.462	20.452	20.477	HH	317729	4819332	32.15%	0.585%
446	20.484	20.477	20.519	HH	313029	7653671	51.06%	0.929%
447	20.535	20.519	20.555	HH	306910	6604661	44.07%	0.802%
448	20.565	20.555	20.586	HH	303644	5572571	37.18%	0.677%
449	20.607	20.586	20.624	HH	305272	6816640	45.48%	0.828%
450	20.637	20.624	20.652	HH	299496	4969380	33.15%	0.603%
451	20.655	20.652	20.662	HH	295654	1822183	12.16%	0.221%
452	20.676	20.662	20.699	HH	299477	6452126	43.05%	0.784%
453	20.715	20.699	20.726	HH	297617	4894985	32.66%	0.594%
454	20.737	20.726	20.751	HH	295545	4305224	28.72%	0.523%
455	20.755	20.751	20.767	HH	291898	2714720	18.11%	0.330%
456	20.778	20.767	20.784	HH	288953	3036528	20.26%	0.369%

						rters		
457	20.816	20.784	20.843	HH	297862	10264302	68.48%	1.246%
458	20.859	20.843	20.869	HH	285486	4490565	29.96%	0.545%
459	20.873	20.869	20.882	HH	281727	2060508	13.75%	0.250%
460	20.895	20.882	20.914	HH	287010	5540010	36.96%	0.673%
461	20.934	20.914	20.954	HH	297916	6942126	46.32%	0.843%
462	20.966	20.954	20.983	HH	291073	4953013	33.05%	0.601%
463	20.994	20.983	21.008	HH	286959	4358669	29.08%	0.529%
464	21.014	21.008	21.029	HH	284595	3477484	23.20%	0.422%
465	21.041	21.029	21.050	HH	285825	3578185	23.87%	0.435%
466	21.055	21.050	21.062	HH	283410	2134963	14.24%	0.259%
467	21.072	21.062	21.087	HH	284839	4183383	27.91%	0.508%
468	21.111	21.087	21.147	HH	282672	10058341	67.11%	1.221%
469	21.166	21.147	21.180	HH	275267	5412366	36.11%	0.657%
470	21.196	21.180	21.209	HH	274796	4718721	31.48%	0.573%
471	21.253	21.209	21.299	HH	285035	14988450	100.00%	1.820%
472	21.305	21.299	21.316	HH	275315	2832779	18.90%	0.344%
473	21.320	21.316	21.330	HH	272824	2317788	15.46%	0.281%
474	21.339	21.330	21.354	HH	273344	3849622	25.68%	0.467%
475	21.357	21.354	21.367	HH	271791	2212975	14.76%	0.269%
476	21.386	21.367	21.413	HH	271520	7294857	48.67%	0.886%
477	21.418	21.413	21.439	HH	264511	4179463	27.88%	0.508%
478	21.445	21.439	21.459	HH	260925	3030829	20.22%	0.368%
479	21.468	21.459	21.475	HH	259758	2588788	17.27%	0.314%
480	21.502	21.475	21.526	HH	264626	8000425	53.38%	0.972%
481	21.534	21.526	21.540	HH	261463	2136053	14.25%	0.259%
482	21.547	21.540	21.561	HH	261024	3199039	21.34%	0.388%
483	21.593	21.561	21.599	HH	264088	6047668	40.35%	0.734%
484	21.603	21.599	21.611	HH	262961	1837438	12.26%	0.223%
485	21.616	21.611	21.625	HH	261112	2244273	14.97%	0.273%
486	21.647	21.625	21.672	HH	263883	7356755	49.08%	0.893%
487	21.701	21.672	21.710	HH	267310	5964239	39.79%	0.724%
488	21.729	21.710	21.792	HH	271352	12928418	86.26%	1.570%
					Sum of corrected areas:		823496783	

FE101420.M Thu Oct 22 08:48:40 2020