

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101519\
 Data File : FF005808.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2019 14:43
 Sample : K5355-03MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100219.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.318	2.292	2.356	BH	110332	826427	5.06%	0.122%
2	2.360	2.356	2.375	PH	-228	-2936	-0.02%	-0.000%
3	2.379	2.375	2.424	PH	-253	-9984	-0.06%	-0.001%
4	2.427	2.424	2.438	PH	-382	-3392	-0.02%	-0.001%
5	2.443	2.438	2.460	PH	-304	-4933	-0.03%	-0.001%
6	2.470	2.460	2.479	PH	-262	-3802	-0.02%	-0.001%
7	2.496	2.479	2.540	PH	224	-7786	-0.05%	-0.001%
8	2.558	2.540	2.578	PH	70	-7275	-0.04%	-0.001%
9	2.592	2.578	2.609	PH	-241	-7179	-0.04%	-0.001%
10	2.615	2.609	2.638	PH	-162	-5367	-0.03%	-0.001%
11	2.647	2.638	2.667	PH	-261	-8444	-0.05%	-0.001%
12	2.681	2.667	2.704	PH	-509	-13850	-0.08%	-0.002%
13	2.709	2.704	2.713	PH	-695	-3467	-0.02%	-0.001%
14	2.721	2.713	2.730	PH	-559	-7205	-0.04%	-0.001%
15	2.732	2.730	2.737	PH	-688	-2906	-0.02%	-0.000%
16	2.748	2.737	2.758	PH	-680	-9943	-0.06%	-0.001%
17	2.779	2.758	2.792	PH	1	-9652	-0.06%	-0.001%
18	2.801	2.792	2.850	PH	-628	-27800	-0.17%	-0.004%
19	2.869	2.850	2.904	PH	467	-12089	-0.07%	-0.002%
20	2.912	2.904	2.932	PH	-868	-14924	-0.09%	-0.002%
21	2.943	2.932	2.957	PH	-779	-13026	-0.08%	-0.002%
22	2.981	2.957	2.986	PH	-732	-15041	-0.09%	-0.002%
23	2.996	2.986	3.013	PH	-599	-11911	-0.07%	-0.002%
24	3.030	3.013	3.038	PH	-340	-8466	-0.05%	-0.001%
25	3.049	3.038	3.077	PH	69	-12479	-0.08%	-0.002%
26	3.095	3.077	3.117	PH	-122	-16208	-0.10%	-0.002%
27	3.129	3.117	3.160	PH	-434	-22573	-0.14%	-0.003%
28	3.165	3.160	3.180	PH	-978	-12235	-0.07%	-0.002%
29	3.189	3.180	3.217	PH	-1059	-25571	-0.16%	-0.004%
30	3.231	3.217	3.295	PH	836	-35818	-0.22%	-0.005%
31	3.305	3.295	3.328	PH	-789	-20241	-0.12%	-0.003%
32	3.346	3.328	3.392	PH	-592	-41461	-0.25%	-0.006%
33	3.400	3.392	3.408	PH	-1212	-12156	-0.07%	-0.002%
34	3.413	3.408	3.435	PH	-1268	-22080	-0.14%	-0.003%
35	3.449	3.435	3.457	PH	-993	-14783	-0.09%	-0.002%
36	3.462	3.457	3.485	PH	-1084	-20475	-0.13%	-0.003%

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37	3.495	3.485	3.516	PH	-1151	-22941	-0.14%	-0.003%
38	3.545	3.516	3.580	PH	-1109	-47350	-0.29%	-0.007%
39	3.637	3.580	3.667	PH	965	-43730	-0.27%	-0.006%
40	3.672	3.667	3.705	PH	-1092	-27089	-0.17%	-0.004%
41	3.723	3.705	3.741	PH	-457	-20022	-0.12%	-0.003%
42	3.758	3.741	3.774	PH	-726	-18912	-0.12%	-0.003%
43	3.787	3.774	3.815	PH	-963	-27784	-0.17%	-0.004%
44	3.842	3.815	3.854	PH	-398	-20873	-0.13%	-0.003%
45	3.862	3.854	3.877	PH	-783	-13792	-0.08%	-0.002%
46	3.893	3.877	3.909	PH	-774	-20669	-0.13%	-0.003%
47	3.930	3.909	3.981	PH	-640	-46736	-0.29%	-0.007%
48	4.001	3.981	4.030	PH	43558	309441	1.90%	0.046%
49	4.042	4.030	4.078	PH	150	-15843	-0.10%	-0.002%
50	4.114	4.078	4.146	PH	-575	-40366	-0.25%	-0.006%
51	4.162	4.146	4.170	PH	-758	-13538	-0.08%	-0.002%
52	4.183	4.170	4.196	PH	193	-5637	-0.03%	-0.001%
53	4.200	4.196	4.204	PH	-678	-3288	-0.02%	-0.000%
54	4.217	4.204	4.248	PH	-332	-20677	-0.13%	-0.003%
55	4.277	4.248	4.310	PH	-642	-41784	-0.26%	-0.006%
56	4.338	4.310	4.355	PH	-1064	-34211	-0.21%	-0.005%
57	4.375	4.355	4.384	PH	-1025	-19610	-0.12%	-0.003%
58	4.420	4.384	4.447	PH	179411	1568774	9.61%	0.232%
59	4.462	4.447	4.478	PH	-380	-15624	-0.10%	-0.002%
60	4.490	4.478	4.502	PH	-746	-13973	-0.09%	-0.002%
61	4.523	4.502	4.549	PH	214	-19280	-0.12%	-0.003%
62	4.568	4.549	4.603	PH	1597	-13481	-0.08%	-0.002%
63	4.636	4.603	4.660	PH	108	-18297	-0.11%	-0.003%
64	4.674	4.660	4.691	PH	374	-8394	-0.05%	-0.001%
65	4.704	4.691	4.717	PH	-632	-13969	-0.09%	-0.002%
66	4.731	4.717	4.739	PH	-817	-12100	-0.07%	-0.002%
67	4.753	4.739	4.768	PH	598	-3407	-0.02%	-0.001%
68	4.773	4.768	4.780	PH	-715	-5938	-0.04%	-0.001%
69	4.795	4.780	4.812	PH	-369	-14253	-0.09%	-0.002%
70	4.832	4.812	4.859	PH	425	-14100	-0.09%	-0.002%
71	4.872	4.859	4.879	PH	-878	-12396	-0.08%	-0.002%
72	4.896	4.879	4.927	PH	-79	-22775	-0.14%	-0.003%
73	4.956	4.927	4.960	PH	-666	-19498	-0.12%	-0.003%
74	4.969	4.960	4.981	PH	-626	-8973	-0.05%	-0.001%
75	4.988	4.981	5.002	PH	-656	-11968	-0.07%	-0.002%
76	5.032	5.002	5.043	PH	-271	-16479	-0.10%	-0.002%
77	5.060	5.043	5.087	PH	-259	-17083	-0.10%	-0.003%
78	5.115	5.087	5.126	PH	-118	-14195	-0.09%	-0.002%
79	5.140	5.126	5.151	PH	621	-380	-0.00%	-0.000%
80	5.161	5.151	5.181	PH	461	-3516	-0.02%	-0.001%
81	5.190	5.181	5.206	PH	-701	-14304	-0.09%	-0.002%
82	5.227	5.206	5.240	PH	-907	-21656	-0.13%	-0.003%
83	5.275	5.240	5.294	PH	972	-7496	-0.05%	-0.001%
84	5.322	5.294	5.335	PH	-289	-14433	-0.09%	-0.002%
85	5.350	5.335	5.365	PH	-4	-7728	-0.05%	-0.001%
86	5.380	5.365	5.393	PH	-400	-9995	-0.06%	-0.001%
87	5.406	5.393	5.432	PH	-420	-17621	-0.11%	-0.003%
88	5.458	5.432	5.473	PH	2893	15562	0.10%	0.002%
89	5.485	5.473	5.512	PH	1557	8264	0.05%	0.001%

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90	5.527	5.512	5.541	PH	-286	-9401	-0.06%	-0.001%
91	5.550	5.541	5.565	PH	-643	-11618	-0.07%	-0.002%
92	5.588	5.565	5.605	PH	-577	-15638	-0.10%	-0.002%
93	5.610	5.605	5.622	PH	-589	-6659	-0.04%	-0.001%
94	5.644	5.622	5.669	PH	3678	29593	0.18%	0.004%
95	5.674	5.669	5.684	PH	-286	-2693	-0.02%	-0.000%
96	5.691	5.684	5.696	PH	-45	-947	-0.01%	-0.000%
97	5.708	5.696	5.722	PH	86	-647	-0.00%	-0.000%
98	5.742	5.722	5.752	PH	2095	19872	0.12%	0.003%
99	5.756	5.752	5.784	HH	1319	7386	0.05%	0.001%
100	5.799	5.784	5.815	PH	181	-1144	-0.01%	-0.000%
101	5.830	5.815	5.840	PH	332	802	0.00%	0.000%
102	5.868	5.840	5.895	PH	467	-470	-0.00%	-0.000%
103	5.915	5.895	5.934	PH	602	-1272	-0.01%	-0.000%
104	5.962	5.934	5.982	PH	1303	16216	0.10%	0.002%
105	6.007	5.982	6.029	HH	10983	112187	0.69%	0.017%
106	6.055	6.029	6.074	HH	1775	21865	0.13%	0.003%
107	6.099	6.074	6.103	PH	866	5490	0.03%	0.001%
108	6.111	6.103	6.125	HH	1092	8318	0.05%	0.001%
109	6.156	6.125	6.173	PH	3548	52656	0.32%	0.008%
110	6.190	6.173	6.211	HH	1667	27378	0.17%	0.004%
111	6.226	6.211	6.237	HH	1411	16001	0.10%	0.002%
112	6.250	6.237	6.267	HH	1535	21710	0.13%	0.003%
113	6.281	6.267	6.300	HH	2194	31622	0.19%	0.005%
114	6.321	6.300	6.339	HH	1949	26675	0.16%	0.004%
115	6.373	6.339	6.412	HH	4947	102009	0.63%	0.015%
116	6.438	6.412	6.487	HH	204525	2023829	12.40%	0.299%
117	6.529	6.487	6.542	HH	1347	28806	0.18%	0.004%
118	6.559	6.542	6.568	HH	1974	24048	0.15%	0.004%
119	6.587	6.568	6.607	HH	8924	107294	0.66%	0.016%
120	6.633	6.607	6.651	HH	4510	71155	0.44%	0.011%
121	6.659	6.651	6.675	HH	1479	17152	0.11%	0.003%
122	6.689	6.675	6.695	HH	1205	12397	0.08%	0.002%
123	6.717	6.695	6.736	HH	3370	53935	0.33%	0.008%
124	6.760	6.736	6.787	HH	3416	70235	0.43%	0.010%
125	6.799	6.787	6.809	HH	1791	21432	0.13%	0.003%
126	6.839	6.809	6.859	HH	4206	73610	0.45%	0.011%
127	6.900	6.859	6.922	HH	3279	84550	0.52%	0.012%
128	6.940	6.922	6.950	HH	5050	63957	0.39%	0.009%
129	6.961	6.950	6.980	HH	5017	74275	0.46%	0.011%
130	6.998	6.980	7.028	HH	5986	102979	0.63%	0.015%
131	7.062	7.028	7.083	HH	10350	175022	1.07%	0.026%
132	7.095	7.083	7.120	HH	4143	70727	0.43%	0.010%
133	7.140	7.120	7.180	HH	13634	231704	1.42%	0.034%
134	7.197	7.180	7.222	HH	9342	128471	0.79%	0.019%
135	7.243	7.222	7.261	HH	4791	83258	0.51%	0.012%
136	7.269	7.261	7.284	HH	3037	38870	0.24%	0.006%
137	7.288	7.284	7.304	HH	2783	30287	0.19%	0.004%
138	7.361	7.304	7.392	HH	7274	226332	1.39%	0.033%
139	7.415	7.392	7.434	HH	4252	90350	0.55%	0.013%
140	7.452	7.434	7.468	HH	4258	77523	0.48%	0.011%
141	7.496	7.468	7.510	HH	3844	88312	0.54%	0.013%

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142	7.537	7.510	7.569	HH	8844	192537	1.18%	0.028%
143	7.587	7.569	7.606	HH	4410	76134	0.47%	0.011%
144	7.655	7.606	7.669	HH	4738	128958	0.79%	0.019%
145	7.676	7.669	7.682	HH	4305	33436	0.20%	0.005%
146	7.699	7.682	7.717	HH	5717	98218	0.60%	0.015%
147	7.728	7.717	7.737	HH	3649	43514	0.27%	0.006%
148	7.751	7.737	7.763	HH	4181	59122	0.36%	0.009%
149	7.788	7.763	7.808	HH	6456	141543	0.87%	0.021%
150	7.816	7.808	7.830	HH	4895	62410	0.38%	0.009%
151	7.838	7.830	7.861	HH	5054	82502	0.51%	0.012%
152	7.881	7.861	7.901	HH	5695	109609	0.67%	0.016%
153	7.940	7.901	7.957	HH	7261	190526	1.17%	0.028%
154	7.973	7.957	8.020	HH	7096	224991	1.38%	0.033%
155	8.053	8.020	8.074	HH	22934	389543	2.39%	0.058%
156	8.079	8.074	8.092	HH	5503	57443	0.35%	0.008%
157	8.111	8.092	8.129	HH	6859	130377	0.80%	0.019%
158	8.158	8.129	8.172	HH	15841	253515	1.55%	0.037%
159	8.185	8.172	8.202	HH	13705	177088	1.09%	0.026%
160	8.232	8.202	8.259	HH	204805	2295436	14.07%	0.339%
161	8.290	8.259	8.312	HH	75930	887530	5.44%	0.131%
162	8.342	8.312	8.369	HH	19856	389856	2.39%	0.058%
163	8.396	8.369	8.414	HH	12573	234290	1.44%	0.035%
164	8.429	8.414	8.441	HH	7903	118889	0.73%	0.018%
165	8.452	8.441	8.467	HH	7740	110003	0.67%	0.016%
166	8.479	8.467	8.495	HH	6939	106394	0.65%	0.016%
167	8.520	8.495	8.546	HH	6793	185029	1.13%	0.027%
168	8.562	8.546	8.570	HH	5106	72406	0.44%	0.011%
169	8.590	8.570	8.607	HH	8786	157427	0.96%	0.023%
170	8.637	8.607	8.664	HH	18474	350889	2.15%	0.052%
171	8.692	8.664	8.716	HH	12991	284156	1.74%	0.042%
172	8.767	8.716	8.790	HH	22473	519522	3.18%	0.077%
173	8.798	8.790	8.815	HH	7388	104908	0.64%	0.016%
174	8.823	8.815	8.834	HH	7025	75601	0.46%	0.011%
175	8.849	8.834	8.858	HH	8916	117980	0.72%	0.017%
176	8.876	8.858	8.893	HH	14377	232711	1.43%	0.034%
177	8.909	8.893	8.930	HH	15724	245366	1.50%	0.036%
178	8.949	8.930	8.967	HH	9407	178896	1.10%	0.026%
179	8.999	8.967	9.015	HH	10837	254983	1.56%	0.038%
180	9.047	9.015	9.067	HH	18513	356342	2.18%	0.053%
181	9.085	9.067	9.117	HH	16651	314342	1.93%	0.046%
182	9.141	9.117	9.162	HH	8655	200516	1.23%	0.030%
183	9.201	9.162	9.218	HH	14913	311234	1.91%	0.046%
184	9.232	9.218	9.250	HH	12609	180384	1.11%	0.027%
185	9.260	9.250	9.269	HH	7310	79782	0.49%	0.012%
186	9.285	9.269	9.300	HH	8506	141539	0.87%	0.021%
187	9.337	9.300	9.357	HH	15047	352184	2.16%	0.052%
188	9.373	9.357	9.397	HH	10305	207677	1.27%	0.031%
189	9.420	9.397	9.436	HH	19257	298742	1.83%	0.044%
190	9.446	9.436	9.476	HH	12196	236513	1.45%	0.035%
191	9.501	9.476	9.529	HH	17397	380163	2.33%	0.056%
192	9.540	9.529	9.551	HH	9908	121079	0.74%	0.018%
193	9.568	9.551	9.585	HH	12621	229636	1.41%	0.034%
194	9.597	9.585	9.612	HH	11475	172019	1.05%	0.025%

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195	9.625	9.612	9.650	HH	11953	236870	1.45%	0.035%
196	9.664	9.650	9.670	HH	8751	99177	0.61%	0.015%
197	9.675	9.670	9.689	HH	8720	98997	0.61%	0.015%
198	9.702	9.689	9.720	HH	8132	144104	0.88%	0.021%
199	9.742	9.720	9.770	HH	13064	314286	1.93%	0.046%
200	9.792	9.770	9.803	HH	12018	225047	1.38%	0.033%
201	9.830	9.803	9.879	HH	205622	2596953	15.91%	0.384%
202	9.903	9.879	9.922	HH	9852	242178	1.48%	0.036%
203	9.936	9.922	9.972	HH	10835	269303	1.65%	0.040%
204	10.004	9.972	10.032	HH	11597	333364	2.04%	0.049%
205	10.043	10.032	10.055	HH	8661	113365	0.69%	0.017%
206	10.066	10.055	10.084	HH	8420	142666	0.87%	0.021%
207	10.104	10.084	10.119	HH	9554	180693	1.11%	0.027%
208	10.127	10.119	10.142	HH	8426	115091	0.71%	0.017%
209	10.164	10.142	10.193	HH	12078	312491	1.92%	0.046%
210	10.219	10.193	10.243	HH	23844	458748	2.81%	0.068%
211	10.272	10.243	10.284	HH	14751	298795	1.83%	0.044%
212	10.299	10.284	10.324	HH	15726	302993	1.86%	0.045%
213	10.343	10.324	10.390	HH	16170	496610	3.04%	0.073%
214	10.414	10.390	10.449	HH	17486	457746	2.81%	0.068%
215	10.470	10.449	10.489	HH	23075	406473	2.49%	0.060%
216	10.500	10.489	10.514	HH	14582	200512	1.23%	0.030%
217	10.523	10.514	10.531	HH	13010	130666	0.80%	0.019%
218	10.547	10.531	10.553	HH	15235	191379	1.17%	0.028%
219	10.568	10.553	10.600	HH	18289	433712	2.66%	0.064%
220	10.638	10.600	10.679	HH	36232	1028099	6.30%	0.152%
221	10.687	10.679	10.709	HH	15101	250063	1.53%	0.037%
222	10.731	10.709	10.750	HH	15659	332148	2.04%	0.049%
223	10.788	10.750	10.797	HH	15978	368241	2.26%	0.054%
224	10.821	10.797	10.864	HH	127928	1718015	10.53%	0.254%
225	10.894	10.864	10.937	HH	38528	811713	4.97%	0.120%
226	10.960	10.937	10.980	HH	13960	336109	2.06%	0.050%
227	10.984	10.980	10.987	HH	11921	50136	0.31%	0.007%
228	10.991	10.987	11.010	HH	11963	156857	0.96%	0.023%
229	11.043	11.010	11.049	HH	12235	277795	1.70%	0.041%
230	11.064	11.049	11.085	HH	13104	267912	1.64%	0.040%
231	11.105	11.085	11.122	HH	24861	403576	2.47%	0.060%
232	11.127	11.122	11.152	HH	14891	232426	1.42%	0.034%
233	11.180	11.152	11.192	HH	13328	304986	1.87%	0.045%
234	11.213	11.192	11.221	HH	14718	237127	1.45%	0.035%
235	11.230	11.221	11.240	HH	14416	163306	1.00%	0.024%
236	11.271	11.240	11.306	HH	197541	2598578	15.92%	0.384%
237	11.314	11.306	11.322	HH	14418	133452	0.82%	0.020%
238	11.361	11.322	11.390	HH	27836	777881	4.77%	0.115%
239	11.419	11.390	11.440	HH	15261	403798	2.47%	0.060%
240	11.470	11.440	11.495	HH	17279	477594	2.93%	0.071%
241	11.515	11.495	11.542	HH	15997	405743	2.49%	0.060%
242	11.568	11.542	11.593	HH	14890	435226	2.67%	0.064%
243	11.622	11.593	11.637	HH	30727	534950	3.28%	0.079%
244	11.653	11.637	11.673	HH	36840	546727	3.35%	0.081%
245	11.683	11.673	11.699	HH	16544	244597	1.50%	0.036%
246	11.719	11.699	11.723	HH	21419	263874	1.62%	0.039%

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247	11.738	11.723	11.754	HH	30325	434647	2.66%	0.064%
248	11.771	11.754	11.785	HH	27665	411399	2.52%	0.061%
249	11.802	11.785	11.831	HH	29934	576884	3.54%	0.085%
250	11.838	11.831	11.855	HH	14414	204400	1.25%	0.030%
251	11.878	11.855	11.897	HH	16153	378588	2.32%	0.056%
252	11.939	11.897	11.955	HH	20988	634299	3.89%	0.094%
253	11.976	11.955	11.998	HH	30646	561229	3.44%	0.083%
254	12.025	11.998	12.065	HH	17480	648976	3.98%	0.096%
255	12.092	12.065	12.114	HH	25964	557126	3.41%	0.082%
256	12.124	12.114	12.136	HH	16332	210332	1.29%	0.031%
257	12.153	12.136	12.157	HH	17622	213654	1.31%	0.032%
258	12.186	12.157	12.221	HH	90140	1472968	9.03%	0.218%
259	12.242	12.221	12.260	HH	19850	425122	2.61%	0.063%
260	12.269	12.260	12.285	HH	16820	246905	1.51%	0.036%
261	12.301	12.285	12.312	HH	17331	268137	1.64%	0.040%
262	12.345	12.312	12.360	HH	19238	525728	3.22%	0.078%
263	12.364	12.360	12.392	HH	18834	326233	2.00%	0.048%
264	12.412	12.392	12.449	HH	22101	657379	4.03%	0.097%
265	12.470	12.449	12.498	HH	25936	599672	3.67%	0.089%
266	12.522	12.498	12.541	HH	32463	630470	3.86%	0.093%
267	12.580	12.541	12.609	HH	193046	2862086	17.54%	0.423%
268	12.640	12.609	12.671	HH	230615	2971972	18.21%	0.439%
269	12.688	12.671	12.716	HH	23174	557246	3.41%	0.082%
270	12.732	12.716	12.745	HH	18497	312125	1.91%	0.046%
271	12.774	12.745	12.786	HH	22941	498568	3.06%	0.074%
272	12.799	12.786	12.810	HH	21947	299853	1.84%	0.044%
273	12.826	12.810	12.866	HH	26337	778579	4.77%	0.115%
274	12.870	12.866	12.909	HH	20496	506307	3.10%	0.075%
275	12.937	12.909	12.959	HH	189407	2446888	15.00%	0.362%
276	12.974	12.959	12.978	HH	27993	293504	1.80%	0.043%
277	12.992	12.978	13.007	HH	34882	515879	3.16%	0.076%
278	13.023	13.007	13.055	HH	34859	729570	4.47%	0.108%
279	13.075	13.055	13.090	HH	22352	439954	2.70%	0.065%
280	13.109	13.090	13.117	HH	25445	372863	2.28%	0.055%
281	13.132	13.117	13.160	HH	28557	612467	3.75%	0.090%
282	13.200	13.160	13.223	HH	34988	961530	5.89%	0.142%
283	13.272	13.223	13.296	HH	28787	1109750	6.80%	0.164%
284	13.307	13.296	13.317	HH	23385	292986	1.80%	0.043%
285	13.333	13.317	13.347	HH	27089	448833	2.75%	0.066%
286	13.362	13.347	13.373	HH	24663	364836	2.24%	0.054%
287	13.414	13.373	13.454	HH	46180	1527989	9.36%	0.226%
288	13.466	13.454	13.478	HH	24016	337176	2.07%	0.050%
289	13.524	13.478	13.555	HH	47533	1466157	8.98%	0.217%
290	13.589	13.555	13.607	HH	26178	767369	4.70%	0.113%
291	13.631	13.607	13.653	HH	37506	851501	5.22%	0.126%
292	13.671	13.653	13.690	HH	38729	718700	4.40%	0.106%
293	13.713	13.690	13.736	HH	29977	764731	4.69%	0.113%
294	13.777	13.736	13.820	HH	194488	3517708	21.56%	0.520%
295	13.840	13.820	13.882	HH	37453	1138967	6.98%	0.168%
296	13.915	13.882	13.935	HH	30064	917762	5.62%	0.136%
297	13.952	13.935	13.964	HH	28528	479861	2.94%	0.071%
298	14.008	13.964	14.034	HH	31403	1257529	7.71%	0.186%
299	14.053	14.034	14.078	HH	30628	779756	4.78%	0.115%

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300	14.082	14.078	14.090	HH	29310	220188	1.35% 0.033%
301	14.112	14.090	14.121	HH	29741	536465	3.29% 0.079%
302	14.162	14.121	14.178	HH	35185	1088988	6.67% 0.161%
303	14.214	14.178	14.220	HH	34959	834056	5.11% 0.123%
304	14.257	14.220	14.282	HH	49202	1421014	8.71% 0.210%
305	14.301	14.282	14.315	HH	33407	644784	3.95% 0.095%
306	14.338	14.315	14.370	HH	38900	1188895	7.29% 0.176%
307	14.393	14.370	14.412	HH	53259	1112407	6.82% 0.164%
308	14.437	14.412	14.478	HH	48750	1638760	10.04% 0.242%
309	14.501	14.478	14.523	HH	58211	1214799	7.44% 0.179%
310	14.559	14.523	14.583	HH	55107	1567267	9.60% 0.232%
311	14.627	14.583	14.641	HH	39064	1283368	7.86% 0.190%
312	14.676	14.641	14.719	HH	173750	3559908	21.82% 0.526%
313	14.724	14.719	14.744	HH	36792	533428	3.27% 0.079%
314	14.764	14.744	14.783	HH	45814	966391	5.92% 0.143%
315	14.812	14.783	14.833	HH	129588	2217251	13.59% 0.328%
316	14.855	14.833	14.864	HH	137335	1812855	11.11% 0.268%
317	14.878	14.864	14.932	HH	185495	3535158	21.66% 0.522%
318	14.973	14.932	15.032	HH	58368	2773410	17.00% 0.410%
319	15.051	15.032	15.085	HH	48938	1389107	8.51% 0.205%
320	15.111	15.085	15.137	HH	50649	1399709	8.58% 0.207%
321	15.155	15.137	15.188	HH	50173	1446193	8.86% 0.214%
322	15.202	15.188	15.221	HH	44196	860347	5.27% 0.127%
323	15.254	15.221	15.286	HH	126264	2766321	16.95% 0.409%
324	15.292	15.286	15.315	HH	47286	817307	5.01% 0.121%
325	15.324	15.315	15.340	HH	45699	674855	4.14% 0.100%
326	15.348	15.340	15.363	HH	45954	628051	3.85% 0.093%
327	15.402	15.363	15.430	HH	53916	1983409	12.15% 0.293%
328	15.484	15.430	15.506	HH	69053	2577673	15.80% 0.381%
329	15.523	15.506	15.553	HH	59359	1537593	9.42% 0.227%
330	15.569	15.553	15.582	HH	53412	896936	5.50% 0.133%
331	15.645	15.582	15.684	HH	63753	3523746	21.59% 0.521%
332	15.725	15.684	15.749	HH	60263	2220819	13.61% 0.328%
333	15.768	15.749	15.792	HH	59512	1475904	9.04% 0.218%
334	15.811	15.792	15.816	HH	60200	851154	5.22% 0.126%
335	15.820	15.816	15.826	HH	60086	348572	2.14% 0.052%
336	15.838	15.826	15.860	HH	61155	1219718	7.47% 0.180%
337	15.900	15.860	15.953	HH	203722	5162374	31.64% 0.763%
338	15.960	15.953	15.975	HH	59852	776469	4.76% 0.115%
339	15.993	15.975	16.005	HH	59560	1071480	6.57% 0.158%
340	16.010	16.005	16.028	HH	59820	825210	5.06% 0.122%
341	16.040	16.028	16.045	HH	59429	595463	3.65% 0.088%
342	16.094	16.045	16.114	HH	68937	2633496	16.14% 0.389%
343	16.118	16.114	16.135	HH	65167	834358	5.11% 0.123%
344	16.153	16.135	16.170	HH	68719	1379865	8.46% 0.204%
345	16.202	16.170	16.231	HH	72249	2545716	15.60% 0.376%
346	16.267	16.231	16.285	HH	84898	2459349	15.07% 0.363%
347	16.294	16.285	16.322	HH	78940	1618827	9.92% 0.239%
348	16.373	16.322	16.390	HH	181474	4478323	27.44% 0.662%
349	16.398	16.390	16.424	HH	117662	1935341	11.86% 0.286%
350	16.429	16.424	16.435	HH	72900	460066	2.82% 0.068%
351	16.501	16.435	16.522	HH	95209	4166022	25.53% 0.616%

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352	16.539	16.522	16.576	HH	80980	2562661	15.70%	0.379%
353	16.620	16.576	16.637	HH	83836	2907712	17.82%	0.430%
354	16.693	16.637	16.722	HH	145124	5079727	31.13%	0.751%
355	16.750	16.722	16.787	HH	163253	4155825	25.47%	0.614%
356	16.792	16.787	16.797	HH	81595	490392	3.01%	0.072%
357	16.849	16.797	16.880	HH	247091	6463737	39.61%	0.955%
358	16.898	16.880	16.942	HH	98260	3455254	21.17%	0.511%
359	16.961	16.942	16.968	HH	94033	1432611	8.78%	0.212%
360	16.998	16.968	17.019	HH	98221	2957156	18.12%	0.437%
361	17.049	17.019	17.056	HH	98659	2167583	13.28%	0.320%
362	17.060	17.056	17.071	HH	98081	872942	5.35%	0.129%
363	17.112	17.071	17.139	HH	107269	4189951	25.68%	0.619%
364	17.157	17.139	17.182	HH	101940	2575592	15.78%	0.381%
365	17.208	17.182	17.227	HH	107665	2773152	16.99%	0.410%
366	17.248	17.227	17.259	HH	106315	2003805	12.28%	0.296%
367	17.298	17.259	17.320	HH	115800	3997665	24.50%	0.591%
368	17.338	17.320	17.357	HH	106430	2268359	13.90%	0.335%
369	17.375	17.357	17.387	HH	105077	1909856	11.70%	0.282%
370	17.413	17.387	17.442	HH	113672	3583235	21.96%	0.529%
371	17.447	17.442	17.451	HH	106380	595345	3.65%	0.088%
372	17.481	17.451	17.489	HH	108377	2406488	14.75%	0.356%
373	17.527	17.489	17.548	HH	110207	3843732	23.56%	0.568%
374	17.553	17.548	17.555	HH	108969	493690	3.03%	0.073%
375	17.569	17.555	17.580	HH	111836	1625690	9.96%	0.240%
376	17.596	17.580	17.612	HH	114093	2158391	13.23%	0.319%
377	17.654	17.612	17.680	HH	119762	4752302	29.12%	0.702%
378	17.737	17.680	17.769	HH	271290	8513041	52.17%	1.258%
379	17.801	17.769	17.810	HH	125109	3015124	18.48%	0.445%
380	17.824	17.810	17.835	HH	126879	1858850	11.39%	0.275%
381	17.844	17.835	17.861	HH	128535	1966111	12.05%	0.290%
382	17.888	17.861	17.909	HH	145624	3937158	24.13%	0.582%
383	17.913	17.909	17.948	HH	135452	3026838	18.55%	0.447%
384	17.966	17.948	17.987	HH	128883	2959661	18.14%	0.437%
385	17.990	17.987	18.002	HH	124709	1092969	6.70%	0.161%
386	18.028	18.002	18.047	HH	143904	3605637	22.10%	0.533%
387	18.091	18.047	18.100	HH	168480	4717779	28.91%	0.697%
388	18.119	18.100	18.140	HH	195885	4066341	24.92%	0.601%
389	18.159	18.140	18.184	HH	160836	3908546	23.95%	0.577%
390	18.205	18.184	18.218	HH	144764	2894883	17.74%	0.428%
391	18.255	18.218	18.272	HH	169819	4997193	30.62%	0.738%
392	18.286	18.272	18.312	HH	164031	3736005	22.90%	0.552%
393	18.322	18.312	18.343	HH	149283	2712591	16.62%	0.401%
394	18.375	18.343	18.398	HH	211597	5581769	34.21%	0.825%
395	18.458	18.398	18.477	HH	158476	7278001	44.60%	1.075%
396	18.506	18.477	18.527	HH	168373	4813910	29.50%	0.711%
397	18.569	18.527	18.614	HH	296494	10209606	62.57%	1.508%
398	18.635	18.614	18.641	HH	159847	2528732	15.50%	0.374%
399	18.644	18.641	18.647	HH	159584	567567	3.48%	0.084%
400	18.682	18.647	18.706	HH	176726	5993338	36.73%	0.886%
401	18.726	18.706	18.752	HH	174146	4689818	28.74%	0.693%
402	18.772	18.752	18.790	HH	167772	3799708	23.29%	0.561%
403	18.813	18.790	18.823	HH	171093	3285368	20.13%	0.485%
404	18.826	18.823	18.845	HH	168997	2306914	14.14%	0.341%

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405	18.855	18.845	18.863	HH	172186	1839230	11.27%	0.272%
406	18.917	18.863	18.942	HH	203022	8726334	53.48%	1.289%
407	18.964	18.942	18.997	HH	189374	6057277	37.12%	0.895%
408	19.002	18.997	19.018	HH	180625	2232632	13.68%	0.330%
409	19.022	19.018	19.029	HH	178516	1163160	7.13%	0.172%
410	19.077	19.029	19.129	HH	190338	11058159	67.77%	1.634%
411	19.147	19.129	19.152	HH	185637	2573637	15.77%	0.380%
412	19.167	19.152	19.189	HH	189412	4092930	25.08%	0.605%
413	19.207	19.189	19.232	HH	190330	4823964	29.56%	0.713%
414	19.241	19.232	19.252	HH	190662	2261148	13.86%	0.334%
415	19.259	19.252	19.304	HH	191478	5958579	36.52%	0.880%
416	19.308	19.304	19.315	HH	186914	1169159	7.16%	0.173%
417	19.354	19.315	19.380	HH	308883	9125295	55.92%	1.348%
418	19.392	19.380	19.409	HH	205028	3523001	21.59%	0.521%
419	19.429	19.409	19.443	HH	203807	4162809	25.51%	0.615%
420	19.464	19.443	19.475	HH	213834	4048594	24.81%	0.598%
421	19.481	19.475	19.502	HH	208752	3296458	20.20%	0.487%
422	19.533	19.502	19.565	HH	238214	8468088	51.89%	1.251%
423	19.600	19.565	19.633	HH	234244	8990689	55.10%	1.328%
424	19.646	19.633	19.680	HH	224161	6226688	38.16%	0.920%
425	19.704	19.680	19.711	HH	235373	4261562	26.12%	0.630%
426	19.719	19.711	19.749	HH	238566	5285558	32.39%	0.781%
427	19.778	19.749	19.798	HH	234434	6757482	41.41%	0.998%
428	19.982	19.936	19.989	HH	250197	7568985	46.38%	1.118%
429	19.993	19.989	20.001	HH	250652	1768851	10.84%	0.261%
430	20.010	20.001	20.030	HH	250091	4318804	26.47%	0.638%
431	20.050	20.030	20.068	HH	249873	5636011	34.54%	0.833%
432	20.095	20.068	20.144	HH	344698	12446525	76.27%	1.839%
433	20.175	20.144	20.188	HH	259741	6772069	41.50%	1.001%
434	20.200	20.188	20.215	HH	260266	4202843	25.76%	0.621%
435	20.238	20.215	20.256	HH	265260	6411783	39.29%	0.947%
436	20.266	20.256	20.297	HH	265462	6387040	39.14%	0.944%
437	20.303	20.297	20.308	HH	258363	1760878	10.79%	0.260%
438	20.350	20.341	20.370	HH	259094	4586324	28.11%	0.678%
439	20.384	20.370	20.389	HH	257097	2923547	17.92%	0.432%
440	20.468	20.462	20.474	HH	271638	1907152	11.69%	0.282%
441	20.483	20.474	20.534	HH	270925	9559665	58.58%	1.412%
442	20.615	20.604	20.634	HH	247691	4408993	27.02%	0.651%
443	20.649	20.634	20.655	HH	250915	3109358	19.05%	0.459%
444	20.679	20.670	20.692	HH	256784	3412867	20.91%	0.504%
445	20.708	20.692	20.728	HH	260077	5587032	34.24%	0.825%
446	20.772	20.767	20.785	HH	264622	2963406	18.16%	0.438%
447	20.830	20.785	20.884	HH	338470	16317991	100.00%	2.411%
448	20.903	20.884	20.925	HH	238557	5867080	35.95%	0.867%
449	20.931	20.925	20.945	HH	235797	2858077	17.51%	0.422%
450	21.010	20.945	21.044	HH	251105	14468522	88.67%	2.138%
451	21.065	21.044	21.079	HH	250359	5180650	31.75%	0.765%
452	21.083	21.079	21.109	HH	246874	4387987	26.89%	0.648%
453	21.122	21.109	21.134	HH	246226	3652734	22.38%	0.540%
454	21.138	21.134	21.175	HH	244221	5976555	36.63%	0.883%
455	21.329	21.315	21.340	HH	238153	3473093	21.28%	0.513%
456	21.357	21.340	21.374	HH	238286	4800869	29.42%	0.709%

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457	21.378	21.374	21.432	HH	237458	8073162	49.47%	1.193%
458	21.498	21.480	21.524	HH	226583	5952534	36.48%	0.879%
459	21.555	21.550	21.561	HH	220502	1446781	8.87%	0.214%
460	21.586	21.561	21.624	HH	232340	8379238	51.35%	1.238%
461	21.671	21.624	21.687	HH	227663	8552748	52.41%	1.264%
462	21.732	21.687	21.786	HH	291171	14765679	90.49%	2.182%
463	21.795	21.786	21.800	HHA	220404	2021485	12.39%	0.299%
					Sum of corrected areas:		676812060	

FF100219.M Wed Oct 16 11:52:03 2019