

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091118\
 Data File : FF002101.D
 Signal(s) : FID2B.ch
 Acq On : 11 Sep 2018 13:45
 Sample : J4724-18
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF083018.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.011	1.992	2.055	PH	136652	1447356	0.16%	0.014%
2	2.077	2.055	2.103	PH	35672	382940	0.04%	0.004%
3	2.109	2.103	2.114	HH	3451	21537	0.00%	0.000%
4	2.130	2.114	2.144	HH	26221	251530	0.03%	0.002%
5	2.163	2.144	2.178	HH	30604	466219	0.05%	0.005%
6	2.193	2.178	2.206	HH	60217	643762	0.07%	0.006%
7	2.231	2.206	2.252	HH	267865	4216811	0.46%	0.041%
8	2.272	2.252	2.284	HH	1071038	11509643	1.26%	0.112%
9	2.297	2.284	2.309	HH	1025012	12373778	1.35%	0.121%
10	2.324	2.309	2.342	HH	1748057	21366362	2.34%	0.208%
11	2.357	2.342	2.426	HH	807361	19801636	2.17%	0.193%
12	2.470	2.426	2.532	HH	1257571	26027984	2.85%	0.254%
13	2.560	2.532	2.600	HH	1328558	28772323	3.15%	0.281%
14	2.606	2.600	2.624	HH	513650	6246962	0.68%	0.061%
15	2.646	2.624	2.680	HH	1380894	28657796	3.14%	0.280%
16	2.728	2.680	2.802	HH	3004496	92352130	10.11%	0.901%
17	2.840	2.802	2.852	HH	3709807	63727956	6.98%	0.622%
18	2.858	2.852	2.930	HH	3163387	59255149	6.49%	0.578%
19	2.942	2.930	2.957	HH	413299	5922392	0.65%	0.058%
20	2.973	2.957	2.982	HH	497410	6268858	0.69%	0.061%
21	3.028	2.982	3.093	HH	2780569	91251666	9.99%	0.890%
22	3.128	3.093	3.140	HH	2425569	43135941	4.72%	0.421%
23	3.153	3.140	3.174	HH	2369522	40952147	4.48%	0.399%
24	3.189	3.174	3.203	HH	1958111	30641991	3.36%	0.299%
25	3.228	3.203	3.252	HH	1991796	57616622	6.31%	0.562%
26	3.285	3.252	3.339	HH	5006298	197598995	21.64%	1.927%
27	3.347	3.339	3.375	HH	3424936	70102601	7.68%	0.684%
28	3.438	3.375	3.513	HH	8365241	545662654	59.75%	5.322%
29	3.561	3.513	3.604	HH	7685167	356004749	38.98%	3.472%
30	3.652	3.604	3.699	HH	8893635	371145348	40.64%	3.620%
31	3.754	3.699	3.848	HH	7348679	512056771	56.07%	4.994%
32	3.939	3.848	4.014	HH	16864073	913200418	100.00%	8.907%
33	4.048	4.014	4.061	HH	5499921	121529467	13.31%	1.185%
34	4.086	4.061	4.139	HH	6376258	244943323	26.82%	2.389%
35	4.189	4.139	4.253	HH	9215760	417449124	45.71%	4.071%
36	4.331	4.253	4.360	HH	6725412	333987084	36.57%	3.257%

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37	4.462	4.360	4.478	HH	15311479	777465686	85.14%	7.583%
38	4.506	4.478	4.519	HH	9166677	213732052	23.40%	2.085%
39	4.566	4.519	4.579	HH	12632922	364478663	39.91%	3.555%
40	4.602	4.579	4.617	HH	15727971	290856822	31.85%	2.837%
41	4.638	4.617	4.664	HH	13560586	270397886	29.61%	2.637%
42	4.674	4.664	4.690	HH	5962506	81262043	8.90%	0.793%
43	4.709	4.690	4.741	HH	5257497	130499855	14.29%	1.273%
44	4.784	4.741	4.794	HH	9432702	198891206	21.78%	1.940%
45	4.808	4.794	4.834	HH	9670630	184215615	20.17%	1.797%
46	4.861	4.834	4.865	HH	7576234	112797271	12.35%	1.100%
47	4.880	4.865	4.891	HH	9921351	128120744	14.03%	1.250%
48	4.897	4.891	4.907	HH	6596436	58771573	6.44%	0.573%
49	4.913	4.907	4.925	HH	5646567	50405329	5.52%	0.492%
50	4.935	4.925	4.945	HH	3315268	36002327	3.94%	0.351%
51	4.994	4.945	5.015	HH	5312362	194143723	21.26%	1.894%
52	5.052	5.015	5.064	HH	8192470	198382178	21.72%	1.935%
53	5.072	5.064	5.088	HH	7677480	93895867	10.28%	0.916%
54	5.102	5.088	5.116	HH	5413765	82606510	9.05%	0.806%
55	5.125	5.116	5.160	HH	4938838	92809752	10.16%	0.905%
56	5.189	5.160	5.200	HH	8716634	139466407	15.27%	1.360%
57	5.213	5.200	5.268	HH	8482069	196990702	21.57%	1.921%
58	5.285	5.268	5.300	HH	2836720	49111017	5.38%	0.479%
59	5.348	5.300	5.359	HH	7800843	159492192	17.47%	1.556%
60	5.366	5.359	5.398	HH	5945036	92163339	10.09%	0.899%
61	5.432	5.398	5.441	HH	4583186	84973919	9.31%	0.829%
62	5.469	5.441	5.497	HH	8739937	194371748	21.28%	1.896%
63	5.514	5.497	5.524	HH	7612566	86530802	9.48%	0.844%
64	5.534	5.524	5.554	HH	6449138	88657957	9.71%	0.865%
65	5.562	5.554	5.586	HH	3245593	45353301	4.97%	0.442%
66	5.606	5.586	5.626	HH	3648163	54064964	5.92%	0.527%
67	5.648	5.626	5.670	HH	3572237	61922298	6.78%	0.604%
68	5.695	5.670	5.712	HH	3990484	65192513	7.14%	0.636%
69	5.722	5.712	5.751	HH	2062250	36125631	3.96%	0.352%
70	5.782	5.751	5.796	HH	1417334	30183134	3.31%	0.294%
71	5.816	5.796	5.839	HH	2118823	40655217	4.45%	0.397%
72	5.865	5.839	5.877	HH	1360662	25624728	2.81%	0.250%
73	5.891	5.877	5.899	HH	1447147	16770830	1.84%	0.164%
74	5.909	5.899	5.923	HH	1487924	18823276	2.06%	0.184%
75	5.940	5.923	5.961	HH	1401946	26597714	2.91%	0.259%
76	5.979	5.961	6.005	HH	1146564	23336299	2.56%	0.228%
77	6.027	6.005	6.038	HH	955260	16240699	1.78%	0.158%
78	6.042	6.038	6.065	HH	881793	11182766	1.22%	0.109%
79	6.075	6.065	6.080	HH	462345	4137884	0.45%	0.040%
80	6.089	6.080	6.095	HH	475132	4072828	0.45%	0.040%
81	6.109	6.095	6.137	HH	576551	11477902	1.26%	0.112%
82	6.149	6.137	6.156	HH	325176	3549436	0.39%	0.035%
83	6.175	6.156	6.192	HH	464318	8122206	0.89%	0.079%
84	6.206	6.192	6.217	HH	402184	5493218	0.60%	0.054%
85	6.239	6.217	6.259	HH	1561680	20807999	2.28%	0.203%
86	6.267	6.259	6.276	HH	359796	3522920	0.39%	0.034%
87	6.284	6.276	6.295	HH	351637	3853374	0.42%	0.038%
88	6.303	6.295	6.321	HH	325849	4210561	0.46%	0.041%
89	6.333	6.321	6.346	HH	226670	3043749	0.33%	0.030%

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90	6.362	6.346	6.380	HH	282531	4659092	0.51%	0.045%
91	6.398	6.380	6.419	HH	358908	5625880	0.62%	0.055%
92	6.432	6.419	6.446	HH	188755	2593590	0.28%	0.025%
93	6.478	6.446	6.508	HH	296223	6894408	0.75%	0.067%
94	6.522	6.508	6.545	HH	123951	2556453	0.28%	0.025%
95	6.556	6.545	6.566	HH	111948	1365888	0.15%	0.013%
96	6.589	6.566	6.613	HH	144916	3480397	0.38%	0.034%
97	6.634	6.613	6.670	HH	125011	3472273	0.38%	0.034%
98	6.699	6.670	6.750	HH	132247	4542794	0.50%	0.044%
99	6.774	6.750	6.813	HH	267125	4662999	0.51%	0.045%
100	6.836	6.813	6.854	HH	116067	2132916	0.23%	0.021%
101	6.867	6.854	6.907	HH	88042	2059558	0.23%	0.020%
102	6.931	6.907	6.943	HH	50023	1059377	0.12%	0.010%
103	6.952	6.943	6.960	HH	49874	490195	0.05%	0.005%
104	6.975	6.960	7.013	HH	60024	1632190	0.18%	0.016%
105	7.039	7.013	7.057	HH	45471	1125325	0.12%	0.011%
106	7.078	7.057	7.101	HH	45359	1152739	0.13%	0.011%
107	7.113	7.101	7.134	HH	45486	787223	0.09%	0.008%
108	7.162	7.134	7.191	HH	81408	1762717	0.19%	0.017%
109	7.203	7.191	7.234	HH	36004	807558	0.09%	0.008%
110	7.253	7.234	7.280	HH	32153	768671	0.08%	0.007%
111	7.320	7.280	7.339	HH	49268	1177705	0.13%	0.011%
112	7.351	7.339	7.387	HH	29405	745700	0.08%	0.007%
113	7.404	7.387	7.423	HH	26837	528266	0.06%	0.005%
114	7.444	7.423	7.458	HH	34056	605936	0.07%	0.006%
115	7.467	7.458	7.487	HH	31299	499900	0.05%	0.005%
116	7.510	7.487	7.527	HH	31734	641299	0.07%	0.006%
117	7.554	7.527	7.574	HH	33799	768100	0.08%	0.007%
118	7.589	7.574	7.595	HH	25639	322971	0.04%	0.003%
119	7.610	7.595	7.630	HH	29708	539496	0.06%	0.005%
120	7.639	7.630	7.653	HH	21785	282702	0.03%	0.003%
121	7.675	7.653	7.697	HH	88352	1287460	0.14%	0.013%
122	7.712	7.697	7.744	HH	33272	742929	0.08%	0.007%
123	7.761	7.744	7.775	HH	26221	415128	0.05%	0.004%
124	7.794	7.775	7.813	HH	31416	632039	0.07%	0.006%
125	7.832	7.813	7.881	HH	32942	1119337	0.12%	0.011%
126	7.901	7.881	7.920	HH	29488	563152	0.06%	0.005%
127	7.942	7.920	7.980	HH	38589	1083978	0.12%	0.011%
128	7.990	7.980	8.037	HH	28163	729403	0.08%	0.007%
129	8.048	8.037	8.081	HH	16204	410510	0.04%	0.004%
130	8.089	8.081	8.108	HH	15318	232926	0.03%	0.002%
131	8.115	8.108	8.127	HH	12398	139659	0.02%	0.001%
132	8.140	8.127	8.168	HH	12964	277443	0.03%	0.003%
133	8.179	8.168	8.185	HH	9567	99955	0.01%	0.001%
134	8.202	8.185	8.239	HH	15535	393716	0.04%	0.004%
135	8.274	8.239	8.289	HH	16381	399591	0.04%	0.004%
136	8.297	8.289	8.323	HH	14749	261515	0.03%	0.003%
137	8.344	8.323	8.363	HH	15917	310836	0.03%	0.003%
138	8.385	8.363	8.415	HH	52125	806117	0.09%	0.008%
139	8.440	8.415	8.480	HH	14982	402752	0.04%	0.004%
140	8.505	8.480	8.514	HH	8144	150833	0.02%	0.001%
141	8.530	8.514	8.575	HH	9598	288236	0.03%	0.003%

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142	8.608	8.575	8.635	HH	9096	291954	0.03%	0.003%
143	8.642	8.635	8.650	HH	8120	71332	0.01%	0.001%
144	8.687	8.650	8.723	HH	9598	351268	0.04%	0.003%
145	8.750	8.723	8.777	HH	8150	208610	0.02%	0.002%
146	8.791	8.777	8.817	HH	5298	118296	0.01%	0.001%
147	8.828	8.817	8.839	HH	4489	55461	0.01%	0.001%
148	8.857	8.839	8.874	HH	4339	87249	0.01%	0.001%
149	8.896	8.874	8.928	HH	5016	138278	0.02%	0.001%
150	8.947	8.928	8.958	HH	4572	74081	0.01%	0.001%
151	8.966	8.958	8.992	HH	4244	77027	0.01%	0.001%
152	9.000	8.992	9.012	HH	3354	40418	0.00%	0.000%
153	9.037	9.012	9.074	HH	8509	211710	0.02%	0.002%
154	9.089	9.074	9.098	HH	4616	63377	0.01%	0.001%
155	9.126	9.098	9.154	HH	7518	186701	0.02%	0.002%
156	9.172	9.154	9.189	HH	6001	99753	0.01%	0.001%
157	9.200	9.189	9.211	HH	4797	60960	0.01%	0.001%
158	9.223	9.211	9.254	HH	4743	94744	0.01%	0.001%
159	9.280	9.254	9.329	HH	8158	189682	0.02%	0.002%
160	9.348	9.329	9.371	HH	2801	63279	0.01%	0.001%
161	9.398	9.371	9.426	HH	6567	145464	0.02%	0.001%
162	9.443	9.426	9.482	HH	4438	125833	0.01%	0.001%
163	9.490	9.482	9.501	HH	3275	35311	0.00%	0.000%
164	9.513	9.501	9.538	HH	3200	62884	0.01%	0.001%
165	9.542	9.538	9.587	HH	2532	62665	0.01%	0.001%
166	9.621	9.587	9.640	HH	2929	76537	0.01%	0.001%
167	9.665	9.640	9.695	HH	3561	99339	0.01%	0.001%
168	9.703	9.695	9.757	HH	2516	82972	0.01%	0.001%
169	9.788	9.757	9.795	HH	4562	72031	0.01%	0.001%
170	9.827	9.795	9.859	HH	14035	319035	0.03%	0.003%
171	9.881	9.859	9.900	HH	5679	119338	0.01%	0.001%
172	9.921	9.900	9.945	HH	5753	132663	0.01%	0.001%
173	9.973	9.945	9.999	HH	7591	181352	0.02%	0.002%
174	10.008	9.999	10.020	HH	4333	54106	0.01%	0.001%
175	10.040	10.020	10.063	HH	5292	124882	0.01%	0.001%
176	10.098	10.063	10.132	HH	8192	265756	0.03%	0.003%
177	10.156	10.132	10.164	HH	9965	162872	0.02%	0.002%
178	10.171	10.164	10.209	HH	10220	235905	0.03%	0.002%
179	10.248	10.209	10.274	HH	23346	509535	0.06%	0.005%
180	10.286	10.274	10.334	HH	7977	244581	0.03%	0.002%
181	10.357	10.334	10.369	HH	8452	152835	0.02%	0.001%
182	10.398	10.369	10.422	HH	9421	274946	0.03%	0.003%
183	10.435	10.422	10.460	HH	8086	168454	0.02%	0.002%
184	10.517	10.460	10.537	HH	10577	405059	0.04%	0.004%
185	10.563	10.537	10.609	HH	15242	470173	0.05%	0.005%
186	10.641	10.609	10.659	HH	10814	293946	0.03%	0.003%
187	10.686	10.659	10.721	HH	11325	370504	0.04%	0.004%
188	10.741	10.721	10.765	HH	9919	251953	0.03%	0.002%
189	10.788	10.765	10.792	HH	11129	166820	0.02%	0.002%
190	10.798	10.792	10.809	HH	11038	107794	0.01%	0.001%
191	10.824	10.809	10.839	HH	11786	207028	0.02%	0.002%
192	10.874	10.839	10.916	HH	15742	644593	0.07%	0.006%
193	10.966	10.916	10.999	HH	29278	896731	0.10%	0.009%
194	11.032	10.999	11.098	HH	48189	1427626	0.16%	0.014%

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195	11.123	11.098	11.130	HH	16370	293406	0.03%	0.003%
196	11.146	11.130	11.152	HH	17868	227407	0.02%	0.002%
197	11.170	11.152	11.213	HH	19237	633716	0.07%	0.006%
198	11.256	11.213	11.263	HH	23211	574564	0.06%	0.006%
199	11.269	11.263	11.292	HH	23122	356616	0.04%	0.003%
200	11.314	11.292	11.325	HH	20149	361114	0.04%	0.004%
201	11.358	11.325	11.374	HH	21802	608059	0.07%	0.006%
202	11.378	11.374	11.399	HH	20288	296703	0.03%	0.003%
203	11.430	11.399	11.447	HH	23805	630673	0.07%	0.006%
204	11.452	11.447	11.489	HH	22731	516094	0.06%	0.005%
205	11.524	11.489	11.531	HH	27935	605720	0.07%	0.006%
206	11.549	11.531	11.575	HH	33184	758534	0.08%	0.007%
207	11.581	11.575	11.598	HH	23063	302396	0.03%	0.003%
208	11.640	11.598	11.668	HH	40546	1333455	0.15%	0.013%
209	11.689	11.668	11.719	HH	47675	1143133	0.13%	0.011%
210	11.744	11.719	11.786	HH	93560	2393346	0.26%	0.023%
211	11.808	11.786	11.858	HH	73292	2085685	0.23%	0.020%
212	11.890	11.858	11.940	HH	56676	2184744	0.24%	0.021%
213	11.960	11.940	11.975	HH	41151	816032	0.09%	0.008%
214	11.995	11.975	12.026	HH	70150	1629496	0.18%	0.016%
215	12.032	12.026	12.047	HH	43297	533626	0.06%	0.005%
216	12.064	12.047	12.125	HH	50460	1895582	0.21%	0.018%
217	12.139	12.125	12.152	HH	30184	465740	0.05%	0.005%
218	12.181	12.152	12.219	HH	37377	1370029	0.15%	0.013%
219	12.237	12.219	12.252	HH	37721	699363	0.08%	0.007%
220	12.268	12.252	12.287	HH	38055	753257	0.08%	0.007%
221	12.303	12.287	12.308	HH	33579	419849	0.05%	0.004%
222	12.323	12.308	12.350	HH	35785	837822	0.09%	0.008%
223	12.358	12.350	12.365	HH	31444	280825	0.03%	0.003%
224	12.375	12.365	12.389	HH	31932	439600	0.05%	0.004%
225	12.406	12.389	12.412	HH	31804	443088	0.05%	0.004%
226	12.433	12.412	12.451	HH	35043	794715	0.09%	0.008%
227	12.458	12.451	12.487	HH	34701	712977	0.08%	0.007%
228	12.505	12.487	12.520	HH	35082	684340	0.07%	0.007%
229	12.556	12.520	12.579	HH	60335	1569127	0.17%	0.015%
230	12.587	12.579	12.610	HH	40781	733233	0.08%	0.007%
231	12.626	12.610	12.637	HH	39437	605263	0.07%	0.006%
232	12.673	12.637	12.703	HH	46074	1612356	0.18%	0.016%
233	12.728	12.703	12.755	HH	37944	1141171	0.12%	0.011%
234	12.762	12.755	12.775	HH	35988	430976	0.05%	0.004%
235	12.798	12.775	12.817	HH	47579	1085016	0.12%	0.011%
236	12.844	12.817	12.877	HH	46441	1552483	0.17%	0.015%
237	12.885	12.877	12.904	HH	41454	635456	0.07%	0.006%
238	12.923	12.904	12.937	HH	41674	800983	0.09%	0.008%
239	12.951	12.937	12.971	HH	40996	808591	0.09%	0.008%
240	12.979	12.971	12.985	HH	37874	306677	0.03%	0.003%
241	13.023	12.985	13.047	HH	57704	1811899	0.20%	0.018%
242	13.060	13.047	13.086	HH	49364	1085489	0.12%	0.011%
243	13.096	13.086	13.117	HH	44841	798105	0.09%	0.008%
244	13.138	13.117	13.158	HH	47352	1082582	0.12%	0.011%
245	13.201	13.158	13.245	HH	50457	2396977	0.26%	0.023%
246	13.255	13.245	13.261	HH	44836	422170	0.05%	0.004%

					rteres.txt			
247	13.285	13.261	13.319	HH	51295	1648428	0.18%	0.016%
248	13.342	13.319	13.360	HH	49500	1170956	0.13%	0.011%
249	13.372	13.360	13.380	HH	46645	553791	0.06%	0.005%
250	13.424	13.380	13.442	HH	53678	1861640	0.20%	0.018%
251	13.458	13.442	13.476	HH	56498	1088343	0.12%	0.011%
252	13.481	13.476	13.484	HH	49526	227023	0.02%	0.002%
253	13.501	13.484	13.506	HH	50298	648997	0.07%	0.006%
254	13.510	13.506	13.531	HH	50301	733384	0.08%	0.007%
255	13.558	13.531	13.567	HH	54096	1133382	0.12%	0.011%
256	13.600	13.567	13.626	HH	60856	2033153	0.22%	0.020%
257	13.635	13.626	13.654	HH	53898	864602	0.09%	0.008%
258	13.667	13.654	13.694	HH	53654	1244065	0.14%	0.012%
259	13.698	13.694	13.716	HH	49576	654213	0.07%	0.006%
260	13.755	13.716	13.773	HH	52194	1703516	0.19%	0.017%
261	13.787	13.773	13.824	HH	54762	1542987	0.17%	0.015%
262	13.852	13.824	13.907	HH	58854	2560452	0.28%	0.025%
263	13.923	13.907	13.950	HH	48798	1242396	0.14%	0.012%
264	13.969	13.950	13.974	HH	49388	688629	0.08%	0.007%
265	13.996	13.974	14.014	HH	55535	1264279	0.14%	0.012%
266	14.034	14.014	14.043	HH	56109	966416	0.11%	0.009%
267	14.059	14.043	14.107	HH	55998	1983692	0.22%	0.019%
268	14.144	14.107	14.149	HH	53018	1253235	0.14%	0.012%
269	14.175	14.149	14.244	HH	77481	3412235	0.37%	0.033%
270	14.273	14.244	14.301	HH	106194	2489538	0.27%	0.024%
271	14.312	14.301	14.320	HH	51704	568561	0.06%	0.006%
272	14.350	14.320	14.404	HH	59293	2644604	0.29%	0.026%
273	14.412	14.404	14.420	HH	48118	435935	0.05%	0.004%
274	14.439	14.420	14.460	HH	49987	1183805	0.13%	0.012%
275	14.465	14.460	14.469	HH	48023	248314	0.03%	0.002%
276	14.477	14.469	14.498	HH	49467	836746	0.09%	0.008%
277	14.537	14.498	14.569	HH	55165	2218235	0.24%	0.022%
278	14.579	14.569	14.594	HH	51159	766625	0.08%	0.007%
279	14.608	14.594	14.645	HH	51698	1493157	0.16%	0.015%
280	14.664	14.645	14.694	HH	51959	1427325	0.16%	0.014%
281	14.724	14.694	14.792	HH	53672	2932647	0.32%	0.029%
282	14.814	14.792	14.821	HH	48860	826010	0.09%	0.008%
283	14.827	14.821	14.847	HH	49488	759981	0.08%	0.007%
284	14.892	14.847	14.911	HH	59562	2061701	0.23%	0.020%
285	14.915	14.911	14.939	HH	55128	869905	0.10%	0.008%
286	14.961	14.939	14.966	HH	50709	807228	0.09%	0.008%
287	15.009	14.966	15.065	HH	222070	5472933	0.60%	0.053%
288	15.074	15.065	15.114	HH	52654	1449264	0.16%	0.014%
289	15.120	15.114	15.144	HH	48359	852766	0.09%	0.008%
290	15.179	15.144	15.191	HH	51339	1370058	0.15%	0.013%
291	15.201	15.191	15.217	HH	51837	782658	0.09%	0.008%
292	15.231	15.217	15.237	HH	49323	579922	0.06%	0.006%
293	15.247	15.237	15.251	HH	49631	422938	0.05%	0.004%
294	15.261	15.251	15.267	HH	49979	470911	0.05%	0.005%
295	15.270	15.267	15.276	HH	50148	270357	0.03%	0.003%
296	15.293	15.276	15.299	HH	52373	697813	0.08%	0.007%
297	15.307	15.299	15.357	HH	52756	1691303	0.19%	0.016%
298	15.381	15.357	15.399	HH	47562	1177038	0.13%	0.011%
299	15.416	15.399	15.432	HH	47686	910951	0.10%	0.009%

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300	15.443	15.432	15.450	HH	46008	489956	0.05%	0.005%
301	15.469	15.450	15.474	HH	47838	683701	0.07%	0.007%
302	15.490	15.474	15.504	HH	50375	873929	0.10%	0.009%
303	15.526	15.504	15.574	HH	53795	2037360	0.22%	0.020%
304	15.586	15.574	15.614	HH	43790	994195	0.11%	0.010%
305	15.621	15.614	15.627	HH	41312	328489	0.04%	0.003%
306	15.659	15.627	15.685	HH	48465	1563663	0.17%	0.015%
307	15.721	15.685	15.767	HH	54086	2284241	0.25%	0.022%
308	15.804	15.767	15.815	HH	49953	1349585	0.15%	0.013%
309	15.820	15.815	15.878	HH	48773	1640124	0.18%	0.016%
310	15.911	15.878	15.933	HH	50244	1472144	0.16%	0.014%
311	15.937	15.933	15.952	HH	43019	491248	0.05%	0.005%
312	15.971	15.952	15.987	HH	42372	863855	0.09%	0.008%
313	16.001	15.987	16.019	HH	40956	764992	0.08%	0.007%
314	16.046	16.019	16.084	HH	41367	1570278	0.17%	0.015%
315	16.092	16.084	16.110	HH	39667	624801	0.07%	0.006%
316	16.143	16.110	16.158	HH	41968	1169753	0.13%	0.011%
317	16.191	16.158	16.229	HH	47045	1816498	0.20%	0.018%
318	16.262	16.229	16.281	HH	42756	1273914	0.14%	0.012%
319	16.322	16.281	16.330	HH	48044	1269332	0.14%	0.012%
320	16.339	16.330	16.378	HH	47291	1227117	0.13%	0.012%
321	16.393	16.378	16.409	HH	39305	701168	0.08%	0.007%
322	16.435	16.409	16.452	HH	46888	1109452	0.12%	0.011%
323	16.478	16.452	16.527	HH	107973	2688593	0.29%	0.026%
324	16.568	16.527	16.581	HH	40164	1229075	0.13%	0.012%
325	16.601	16.581	16.620	HH	40085	917391	0.10%	0.009%
326	16.652	16.620	16.697	HH	52587	1959797	0.21%	0.019%
327	16.750	16.697	16.782	HH	54068	2153315	0.24%	0.021%
328	16.813	16.782	16.848	HH	43805	1518290	0.17%	0.015%
329	16.887	16.848	16.916	HH	42638	1515168	0.17%	0.015%
330	16.920	16.916	16.951	HH	34794	719688	0.08%	0.007%
331	16.974	16.951	16.979	HH	34459	566769	0.06%	0.006%
332	17.007	16.979	17.024	HH	36744	963327	0.11%	0.009%
333	17.027	17.024	17.041	HH	36081	359052	0.04%	0.004%
334	17.046	17.041	17.070	HH	34583	576306	0.06%	0.006%
335	17.075	17.070	17.090	HH	32054	399692	0.04%	0.004%
336	17.096	17.090	17.102	HH	32281	222533	0.02%	0.002%
337	17.109	17.102	17.119	HH	32566	322391	0.04%	0.003%
338	17.129	17.119	17.164	HH	33255	887141	0.10%	0.009%
339	17.189	17.164	17.218	HH	33117	1034131	0.11%	0.010%
340	17.224	17.218	17.231	HH	31908	247799	0.03%	0.002%
341	17.260	17.231	17.280	HH	34324	978424	0.11%	0.010%
342	17.286	17.280	17.294	HH	33502	271304	0.03%	0.003%
343	17.321	17.294	17.347	HH	38450	1095745	0.12%	0.011%
344	17.350	17.347	17.357	HH	30674	185205	0.02%	0.002%
345	17.376	17.357	17.392	HH	31574	640048	0.07%	0.006%
346	17.427	17.392	17.443	HH	35737	1016398	0.11%	0.010%
347	17.449	17.443	17.508	HH	35323	1286926	0.14%	0.013%
348	17.527	17.508	17.557	HH	35456	951920	0.10%	0.009%
349	17.560	17.557	17.565	HH	29322	136188	0.01%	0.001%
350	17.621	17.565	17.633	HH	37402	1394400	0.15%	0.014%
351	17.666	17.633	17.732	HH	172467	5093337	0.56%	0.050%

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352	17.741	17.732	17.768	HH	44088	853292	0.09%	0.008%
353	17.791	17.768	17.814	HH	36710	939388	0.10%	0.009%
354	17.833	17.814	17.842	HH	31851	519509	0.06%	0.005%
355	17.858	17.842	17.926	HH	33507	1565801	0.17%	0.015%
356	17.940	17.926	17.953	HH	28736	449364	0.05%	0.004%
357	17.957	17.953	17.976	HH	28409	392950	0.04%	0.004%
358	18.012	17.976	18.049	HH	41591	1426407	0.16%	0.014%
359	18.054	18.049	18.077	HH	28649	462544	0.05%	0.005%
360	18.171	18.077	18.200	HH	40493	2335121	0.26%	0.023%
361	18.213	18.200	18.233	HH	28933	549965	0.06%	0.005%
362	18.266	18.233	18.271	HH	29304	658163	0.07%	0.006%
363	18.294	18.271	18.369	HH	35408	1722929	0.19%	0.017%
364	18.408	18.369	18.421	HH	28809	846312	0.09%	0.008%
365	18.426	18.421	18.442	HH	28619	352631	0.04%	0.003%
366	18.448	18.442	18.454	HH	27821	194052	0.02%	0.002%
367	18.504	18.454	18.529	HH	45088	1636722	0.18%	0.016%
368	18.545	18.529	18.565	HH	39129	816316	0.09%	0.008%
369	18.573	18.565	18.596	HH	35675	615698	0.07%	0.006%
370	18.603	18.596	18.631	HH	30554	616153	0.07%	0.006%
371	18.640	18.631	18.672	HH	29961	699936	0.08%	0.007%
372	18.682	18.672	18.691	HH	27750	313768	0.03%	0.003%
373	18.711	18.691	18.720	HH	28206	468390	0.05%	0.005%
374	18.736	18.720	18.740	HH	28367	345538	0.04%	0.003%
375	18.770	18.740	18.805	HH	38675	1322746	0.14%	0.013%
376	18.834	18.805	18.902	HH	41766	1926702	0.21%	0.019%
377	18.934	18.902	18.963	HH	30210	1044444	0.11%	0.010%
378	18.981	18.963	19.009	HH	29626	771010	0.08%	0.008%
379	19.019	19.009	19.029	HH	25928	306917	0.03%	0.003%
380	19.033	19.029	19.037	HH	25617	127784	0.01%	0.001%
381	19.046	19.037	19.062	HH	26127	385661	0.04%	0.004%
382	19.067	19.062	19.080	HH	25290	268738	0.03%	0.003%
383	19.102	19.080	19.136	HH	28472	895432	0.10%	0.009%
384	19.166	19.136	19.195	HH	26842	916848	0.10%	0.009%
385	19.213	19.195	19.252	HH	27202	908585	0.10%	0.009%
386	19.260	19.252	19.274	HH	25893	338844	0.04%	0.003%
387	19.333	19.274	19.393	HH	41409	2217359	0.24%	0.022%
388	19.406	19.393	19.410	HH	27130	274367	0.03%	0.003%
389	19.429	19.410	19.467	HH	27562	915384	0.10%	0.009%
390	19.491	19.467	19.520	HH	28267	870746	0.10%	0.008%
391	19.555	19.520	19.595	HH	30774	1303988	0.14%	0.013%
392	19.629	19.595	19.656	HH	31940	1091096	0.12%	0.011%
393	19.672	19.656	19.707	HH	30453	907059	0.10%	0.009%
394	19.723	19.707	19.739	HH	29100	550418	0.06%	0.005%
395	19.747	19.739	19.760	HH	28155	354990	0.04%	0.003%
396	19.772	19.760	19.785	HH	28091	426275	0.05%	0.004%
397	19.821	19.785	19.840	HH	28886	924045	0.10%	0.009%
398	19.851	19.840	19.879	HH	28936	654821	0.07%	0.006%
399	19.908	19.879	19.912	HH	28345	549050	0.06%	0.005%
400	19.918	19.912	19.927	HH	28554	265363	0.03%	0.003%
401	19.944	19.927	19.956	HH	28712	493506	0.05%	0.005%
402	19.961	19.956	19.968	HH	28458	209438	0.02%	0.002%
403	19.977	19.968	19.983	HH	28308	249498	0.03%	0.002%
404	20.049	19.983	20.080	HH	41873	1905965	0.21%	0.019%

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405	20.092	20.080	20.102	HH	29883	394657	0.04%	0.004%
406	20.125	20.102	20.144	HH	30894	755661	0.08%	0.007%
407	20.152	20.144	20.158	HH	30914	260623	0.03%	0.003%
408	20.193	20.158	20.206	HH	31936	906184	0.10%	0.009%
409	20.222	20.206	20.229	HH	32115	429034	0.05%	0.004%
410	20.232	20.229	20.239	HH	31937	194936	0.02%	0.002%
411	20.258	20.239	20.282	HH	32794	833071	0.09%	0.008%
412	20.286	20.282	20.295	HH	32469	263345	0.03%	0.003%
413	20.314	20.295	20.320	HH	33504	487155	0.05%	0.005%
414	20.326	20.320	20.329	HH	33364	172897	0.02%	0.002%
415	20.335	20.329	20.345	HH	33552	334384	0.04%	0.003%
416	20.372	20.345	20.420	HH	35067	1519075	0.17%	0.015%
417	20.424	20.420	20.428	HH	32604	148712	0.02%	0.001%
418	20.447	20.428	20.454	HH	32893	512823	0.06%	0.005%
419	20.464	20.454	20.472	HH	32881	352531	0.04%	0.003%
420	20.476	20.472	20.489	HH	32915	326288	0.04%	0.003%
421	20.529	20.489	20.543	HH	33252	1059108	0.12%	0.010%
422	20.549	20.543	20.556	HH	33201	273667	0.03%	0.003%
423	20.565	20.556	20.573	HH	33343	326853	0.04%	0.003%
424	20.592	20.573	20.603	HH	33292	598514	0.07%	0.006%
425	20.608	20.603	20.613	HH	32999	192723	0.02%	0.002%
426	20.647	20.613	20.687	HH	34082	1493267	0.16%	0.015%
427	20.703	20.687	20.709	HH	32993	421800	0.05%	0.004%
428	20.731	20.709	20.794	HH	33985	1684732	0.18%	0.016%
429	20.803	20.794	20.812	HH	32519	356313	0.04%	0.003%
430	20.836	20.812	20.883	HH	33034	1370401	0.15%	0.013%
431	20.899	20.883	20.909	HH	32185	504292	0.06%	0.005%
432	20.932	20.909	20.946	HH	32332	725460	0.08%	0.007%
433	20.959	20.946	20.994	HH	32171	909683	0.10%	0.009%
434	21.000	20.994	21.026	HH	31810	603319	0.07%	0.006%
435	21.032	21.026	21.061	HH	31512	659390	0.07%	0.006%
436	21.076	21.061	21.081	HH	31382	385714	0.04%	0.004%
437	21.088	21.081	21.095	HH	31391	261666	0.03%	0.003%
438	21.106	21.095	21.110	HH	31613	284122	0.03%	0.003%
439	21.117	21.110	21.122	HH	31688	222649	0.02%	0.002%
440	21.154	21.122	21.217	HH	32415	1809776	0.20%	0.018%

Sum of corrected areas: 10253060502

FF083018.M Tue Sep 11 14:12:52 2018