

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101519\
 Data File : FF005809.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2019 15:12
 Sample : K5355-03MSD
 Misc :
 ALS Vial : 59 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	2.372	BH	112914	822990	4.93%	0.122%
2	2.386	2.372	2.445	PH	-214	-12064	-0.07%	-0.002%
3	2.451	2.445	2.463	PH	-168	-2471	-0.01%	-0.000%
4	2.468	2.463	2.470	PH	-188	-937	-0.01%	-0.000%
5	2.496	2.470	2.535	PH	418	-736	-0.00%	-0.000%
6	2.558	2.535	2.577	PH	301	-1888	-0.01%	-0.000%
7	2.594	2.577	2.606	PH	49	-1422	-0.01%	-0.000%
8	2.616	2.606	2.635	PH	299	348	0.00%	0.000%
9	2.648	2.635	2.665	PH	25	-2154	-0.01%	-0.000%
10	2.675	2.665	2.707	PH	-135	-5570	-0.03%	-0.001%
11	2.724	2.707	2.736	PH	-164	-3968	-0.02%	-0.001%
12	2.741	2.736	2.756	PH	-167	-3101	-0.02%	-0.000%
13	2.779	2.756	2.844	PH	483	-9431	-0.06%	-0.001%
14	2.848	2.844	2.853	PH	-262	-1589	-0.01%	-0.000%
15	2.870	2.853	2.899	PH	1063	9028	0.05%	0.001%
16	2.906	2.899	2.919	PH	-239	-3086	-0.02%	-0.000%
17	2.923	2.919	2.935	PH	-237	-2595	-0.02%	-0.000%
18	2.942	2.935	2.957	PH	-177	-3097	-0.02%	-0.000%
19	2.982	2.957	2.986	PH	-99	-3033	-0.02%	-0.000%
20	2.997	2.986	3.012	PH	96	-496	-0.00%	-0.000%
21	3.030	3.012	3.038	PH	379	2122	0.01%	0.000%
22	3.048	3.038	3.072	HH	792	5419	0.03%	0.001%
23	3.076	3.072	3.080	PH	-80	-551	-0.00%	-0.000%
24	3.096	3.080	3.114	PH	691	3085	0.02%	0.000%
25	3.129	3.114	3.149	PH	305	71	0.00%	0.000%
26	3.157	3.149	3.185	PH	-106	-4871	-0.03%	-0.001%
27	3.192	3.185	3.210	PH	-212	-4664	-0.03%	-0.001%
28	3.231	3.210	3.255	PH	1728	9316	0.06%	0.001%
29	3.263	3.255	3.294	PH	-125	-6387	-0.04%	-0.001%
30	3.307	3.294	3.334	PH	43	-5273	-0.03%	-0.001%
31	3.346	3.334	3.362	PH	270	-1310	-0.01%	-0.000%
32	3.366	3.362	3.390	PH	-211	-5134	-0.03%	-0.001%
33	3.395	3.390	3.407	PH	-271	-3673	-0.02%	-0.001%
34	3.411	3.407	3.414	PH	-386	-1766	-0.01%	-0.000%
35	3.417	3.414	3.432	PH	-353	-4403	-0.03%	-0.001%
36	3.448	3.432	3.465	PH	-63	-4872	-0.03%	-0.001%

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37	3.473	3.465	3.494	PH	-157	-4686	-0.03%	-0.001%
38	3.498	3.494	3.518	PH	-266	-4843	-0.03%	-0.001%
39	3.542	3.518	3.573	PH	-122	-9465	-0.06%	-0.001%
40	3.578	3.573	3.580	PH	-380	-1879	-0.01%	-0.000%
41	3.589	3.580	3.602	PH	-345	-4991	-0.03%	-0.001%
42	3.637	3.602	3.704	PH	1927	5833	0.03%	0.001%
43	3.721	3.704	3.743	PH	452	-857	-0.01%	-0.000%
44	3.758	3.743	3.771	PH	154	-1837	-0.01%	-0.000%
45	3.782	3.771	3.787	PH	-135	-2018	-0.01%	-0.000%
46	3.793	3.787	3.809	PH	-151	-2834	-0.02%	-0.000%
47	3.819	3.809	3.825	PH	-230	-2831	-0.02%	-0.000%
48	3.842	3.825	3.855	PH	460	868	0.01%	0.000%
49	3.863	3.855	3.880	PH	59	-2955	-0.02%	-0.000%
50	3.894	3.880	3.911	PH	131	-3599	-0.02%	-0.001%
51	3.933	3.911	3.982	PH	213	-8131	-0.05%	-0.001%
52	4.001	3.982	4.030	PH	44705	338500	2.03%	0.050%
53	4.042	4.030	4.070	HH	1206	11991	0.07%	0.002%
54	4.084	4.070	4.088	PH	73	-37	-0.00%	-0.000%
55	4.102	4.088	4.106	PH	188	1026	0.01%	0.000%
56	4.114	4.106	4.141	HH	374	-1025	-0.01%	-0.000%
57	4.163	4.141	4.169	PH	198	-1393	-0.01%	-0.000%
58	4.183	4.169	4.205	HH	1027	10074	0.06%	0.001%
59	4.217	4.205	4.241	HH	661	5418	0.03%	0.001%
60	4.246	4.241	4.251	PH	-126	-867	-0.01%	-0.000%
61	4.277	4.251	4.313	PH	389	-3682	-0.02%	-0.001%
62	4.337	4.313	4.351	PH	-79	-6039	-0.04%	-0.001%
63	4.369	4.351	4.385	PH	45	-1659	-0.01%	-0.000%
64	4.420	4.385	4.446	PH	182156	1615246	9.68%	0.239%
65	4.462	4.446	4.477	PH	728	3922	0.02%	0.001%
66	4.491	4.477	4.503	PH	307	1753	0.01%	0.000%
67	4.524	4.503	4.549	HH	1251	9623	0.06%	0.001%
68	4.568	4.549	4.601	PH	2717	20735	0.12%	0.003%
69	4.636	4.601	4.659	PH	1217	18546	0.11%	0.003%
70	4.675	4.659	4.691	HH	1513	12420	0.07%	0.002%
71	4.704	4.691	4.718	PH	479	3155	0.02%	0.000%
72	4.753	4.718	4.784	PH	1816	19871	0.12%	0.003%
73	4.797	4.784	4.812	HH	735	6193	0.04%	0.001%
74	4.832	4.812	4.861	PH	1591	16536	0.10%	0.002%
75	4.875	4.861	4.881	PH	206	1474	0.01%	0.000%
76	4.896	4.881	4.915	HH	1137	9495	0.06%	0.001%
77	4.921	4.915	4.926	PH	-50	-549	-0.00%	-0.000%
78	4.961	4.926	4.981	PH	443	6872	0.04%	0.001%
79	4.988	4.981	5.002	HH	414	2191	0.01%	0.000%
80	5.032	5.002	5.042	PH	825	9732	0.06%	0.001%
81	5.062	5.042	5.087	HH	939	12484	0.07%	0.002%
82	5.115	5.087	5.127	PH	1004	11933	0.07%	0.002%
83	5.141	5.127	5.151	HH	1780	16265	0.10%	0.002%
84	5.161	5.151	5.181	HH	1733	17759	0.11%	0.003%
85	5.192	5.181	5.207	HH	468	3116	0.02%	0.000%
86	5.230	5.207	5.239	PH	296	2666	0.02%	0.000%
87	5.275	5.239	5.305	HH	2071	33411	0.20%	0.005%
88	5.320	5.305	5.335	HH	851	11782	0.07%	0.002%
89	5.351	5.335	5.365	HH	1280	14221	0.09%	0.002%

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90	5.380	5.365	5.395	HH	832	10501	0.06%	0.002%
91	5.408	5.395	5.433	HH	785	9339	0.06%	0.001%
92	5.458	5.433	5.473	HH	3988	43494	0.26%	0.006%
93	5.486	5.473	5.514	HH	2652	36312	0.22%	0.005%
94	5.530	5.514	5.542	HH	812	10698	0.06%	0.002%
95	5.548	5.542	5.562	HH	544	4968	0.03%	0.001%
96	5.588	5.562	5.600	HH	577	10845	0.06%	0.002%
97	5.616	5.600	5.623	HH	596	7338	0.04%	0.001%
98	5.644	5.623	5.666	HH	4767	60175	0.36%	0.009%
99	5.675	5.666	5.682	HH	853	7695	0.05%	0.001%
100	5.692	5.682	5.698	HH	1063	9334	0.06%	0.001%
101	5.708	5.698	5.725	HH	1181	18307	0.11%	0.003%
102	5.742	5.725	5.783	HH	3259	65749	0.39%	0.010%
103	5.799	5.783	5.817	HH	1250	20662	0.12%	0.003%
104	5.829	5.817	5.841	HH	1369	15611	0.09%	0.002%
105	5.868	5.841	5.894	HH	1459	34165	0.20%	0.005%
106	5.914	5.894	5.934	HH	1727	24161	0.14%	0.004%
107	5.961	5.934	5.982	HH	2316	48379	0.29%	0.007%
108	6.007	5.982	6.028	HH	12006	143130	0.86%	0.021%
109	6.055	6.028	6.079	HH	2933	56587	0.34%	0.008%
110	6.110	6.079	6.124	HH	2086	44184	0.26%	0.007%
111	6.156	6.124	6.173	HH	4627	86161	0.52%	0.013%
112	6.186	6.173	6.210	HH	2832	52013	0.31%	0.008%
113	6.225	6.210	6.237	HH	2542	33703	0.20%	0.005%
114	6.252	6.237	6.267	HH	2638	41811	0.25%	0.006%
115	6.281	6.267	6.304	HH	3206	57346	0.34%	0.008%
116	6.320	6.304	6.340	HH	3050	49506	0.30%	0.007%
117	6.374	6.340	6.410	HH	6198	147267	0.88%	0.022%
118	6.438	6.410	6.487	HH	202735	2086153	12.50%	0.309%
119	6.530	6.487	6.544	HH	2448	67856	0.41%	0.010%
120	6.559	6.544	6.569	HH	3141	40869	0.24%	0.006%
121	6.587	6.569	6.607	HH	10178	133561	0.80%	0.020%
122	6.633	6.607	6.652	HH	5691	104087	0.62%	0.015%
123	6.659	6.652	6.672	HH	2731	29352	0.18%	0.004%
124	6.688	6.672	6.695	HH	2461	30312	0.18%	0.004%
125	6.717	6.695	6.736	HH	4577	83616	0.50%	0.012%
126	6.760	6.736	6.787	HH	4811	106141	0.64%	0.016%
127	6.799	6.787	6.808	HH	3031	33800	0.20%	0.005%
128	6.838	6.808	6.860	HH	5424	112136	0.67%	0.017%
129	6.900	6.860	6.922	HH	4471	126456	0.76%	0.019%
130	6.940	6.922	6.950	HH	6152	86425	0.52%	0.013%
131	6.962	6.950	6.980	HH	6216	94542	0.57%	0.014%
132	6.998	6.980	7.027	HH	7179	137228	0.82%	0.020%
133	7.062	7.027	7.083	HH	11536	215878	1.29%	0.032%
134	7.096	7.083	7.120	HH	5530	101781	0.61%	0.015%
135	7.141	7.120	7.181	HH	14922	278624	1.67%	0.041%
136	7.198	7.181	7.223	HH	10666	162696	0.98%	0.024%
137	7.242	7.223	7.262	HH	6058	112687	0.68%	0.017%
138	7.268	7.262	7.279	HH	4249	41849	0.25%	0.006%
139	7.288	7.279	7.305	HH	4101	60599	0.36%	0.009%
140	7.361	7.305	7.392	HH	8713	295807	1.77%	0.044%
141	7.415	7.392	7.433	HH	5634	121161	0.73%	0.018%

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142	7.453	7.433	7.469	HH	5738	110790	0.66%	0.016%
143	7.484	7.469	7.490	HH	5082	62656	0.38%	0.009%
144	7.495	7.490	7.512	HH	5199	63447	0.38%	0.009%
145	7.537	7.512	7.570	HH	10405	239565	1.44%	0.035%
146	7.587	7.570	7.606	HH	5785	106497	0.64%	0.016%
147	7.657	7.606	7.668	HH	6339	178724	1.07%	0.026%
148	7.676	7.668	7.684	HH	5777	54150	0.32%	0.008%
149	7.699	7.684	7.720	HH	7163	132070	0.79%	0.020%
150	7.728	7.720	7.736	HH	5108	46531	0.28%	0.007%
151	7.751	7.736	7.762	HH	5476	82830	0.50%	0.012%
152	7.788	7.762	7.811	HH	7919	191018	1.14%	0.028%
153	7.818	7.811	7.829	HH	6325	67155	0.40%	0.010%
154	7.839	7.829	7.859	HH	6556	105020	0.63%	0.016%
155	7.881	7.859	7.902	HH	7113	152034	0.91%	0.023%
156	7.940	7.902	7.955	HH	8620	224655	1.35%	0.033%
157	7.972	7.955	8.020	HH	8520	290988	1.74%	0.043%
158	8.053	8.020	8.074	HH	24309	435586	2.61%	0.065%
159	8.081	8.074	8.093	HH	6968	75622	0.45%	0.011%
160	8.112	8.093	8.130	HH	8350	162604	0.97%	0.024%
161	8.158	8.130	8.173	HH	17337	289076	1.73%	0.043%
162	8.185	8.173	8.202	HH	14701	199618	1.20%	0.030%
163	8.232	8.202	8.259	HH	213417	2351057	14.09%	0.348%
164	8.290	8.259	8.312	HH	76923	937637	5.62%	0.139%
165	8.341	8.312	8.367	HH	21024	424606	2.54%	0.063%
166	8.397	8.367	8.414	HH	14095	283149	1.70%	0.042%
167	8.428	8.414	8.442	HH	9303	145626	0.87%	0.022%
168	8.453	8.442	8.468	HH	9135	131760	0.79%	0.020%
169	8.480	8.468	8.493	HH	8259	112124	0.67%	0.017%
170	8.509	8.493	8.514	HH	8151	97736	0.59%	0.014%
171	8.520	8.514	8.546	HH	8191	141664	0.85%	0.021%
172	8.559	8.546	8.569	HH	6644	89377	0.54%	0.013%
173	8.590	8.569	8.609	HH	10115	201182	1.21%	0.030%
174	8.637	8.609	8.664	HH	19920	390570	2.34%	0.058%
175	8.692	8.664	8.715	HH	14208	321375	1.93%	0.048%
176	8.768	8.715	8.790	HH	24586	589479	3.53%	0.087%
177	8.801	8.790	8.815	HH	9029	128306	0.77%	0.019%
178	8.825	8.815	8.833	HH	8427	88578	0.53%	0.013%
179	8.850	8.833	8.858	HH	10186	141551	0.85%	0.021%
180	8.876	8.858	8.894	HH	15922	266536	1.60%	0.039%
181	8.910	8.894	8.931	HH	17054	277388	1.66%	0.041%
182	8.949	8.931	8.966	HH	10572	196489	1.18%	0.029%
183	8.999	8.966	9.014	HH	12075	294241	1.76%	0.044%
184	9.048	9.014	9.068	HH	19775	410998	2.46%	0.061%
185	9.086	9.068	9.120	HH	18086	367159	2.20%	0.054%
186	9.140	9.120	9.164	HH	10068	233827	1.40%	0.035%
187	9.202	9.164	9.219	HH	16131	355182	2.13%	0.053%
188	9.233	9.219	9.250	HH	13917	204734	1.23%	0.030%
189	9.258	9.250	9.269	HH	8836	95978	0.58%	0.014%
190	9.285	9.269	9.299	HH	9907	167234	1.00%	0.025%
191	9.338	9.299	9.358	HH	16753	405978	2.43%	0.060%
192	9.375	9.358	9.400	HH	11660	261333	1.57%	0.039%
193	9.421	9.400	9.437	HH	20439	320271	1.92%	0.047%
194	9.446	9.437	9.477	HH	13663	272022	1.63%	0.040%

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195	9.501	9.477	9.530	HH	19144	431330	2.59%	0.064%
196	9.541	9.530	9.551	HH	11608	137985	0.83%	0.020%
197	9.569	9.551	9.584	HH	14000	248830	1.49%	0.037%
198	9.598	9.584	9.612	HH	13051	205305	1.23%	0.030%
199	9.626	9.612	9.652	HH	13719	277246	1.66%	0.041%
200	9.668	9.652	9.692	HH	10239	238878	1.43%	0.035%
201	9.701	9.692	9.720	HH	9528	154492	0.93%	0.023%
202	9.743	9.720	9.768	HH	14556	347150	2.08%	0.051%
203	9.789	9.768	9.804	HH	13429	272340	1.63%	0.040%
204	9.831	9.804	9.880	HH	211497	2671391	16.01%	0.396%
205	9.903	9.880	9.922	HH	11272	271215	1.63%	0.040%
206	9.937	9.922	9.974	HH	12135	324653	1.95%	0.048%
207	10.004	9.974	10.031	HH	12744	366360	2.20%	0.054%
208	10.042	10.031	10.058	HH	10052	159836	0.96%	0.024%
209	10.066	10.058	10.087	HH	9850	165566	0.99%	0.025%
210	10.106	10.087	10.124	HH	10852	222014	1.33%	0.033%
211	10.127	10.124	10.140	HH	9823	97086	0.58%	0.014%
212	10.164	10.140	10.192	HH	13697	360726	2.16%	0.053%
213	10.219	10.192	10.244	HH	25138	513678	3.08%	0.076%
214	10.273	10.244	10.285	HH	16272	335198	2.01%	0.050%
215	10.300	10.285	10.324	HH	17339	336646	2.02%	0.050%
216	10.344	10.324	10.391	HH	17966	558926	3.35%	0.083%
217	10.414	10.391	10.450	HH	19059	507344	3.04%	0.075%
218	10.471	10.450	10.491	HH	24107	442260	2.65%	0.065%
219	10.501	10.491	10.515	HH	16009	224126	1.34%	0.033%
220	10.522	10.515	10.532	HH	14434	140115	0.84%	0.021%
221	10.548	10.532	10.553	HH	16771	201751	1.21%	0.030%
222	10.568	10.553	10.602	HH	19885	494963	2.97%	0.073%
223	10.640	10.602	10.662	HH	38157	907037	5.44%	0.134%
224	10.668	10.662	10.680	HH	17444	180612	1.08%	0.027%
225	10.688	10.680	10.709	HH	16588	261606	1.57%	0.039%
226	10.731	10.709	10.751	HH	17294	379861	2.28%	0.056%
227	10.788	10.751	10.798	HH	17520	400818	2.40%	0.059%
228	10.821	10.798	10.864	HH	129631	1776020	10.64%	0.263%
229	10.895	10.864	10.937	HH	39356	872965	5.23%	0.129%
230	10.961	10.937	10.988	HH	15194	428398	2.57%	0.063%
231	10.996	10.988	11.009	HH	13356	161966	0.97%	0.024%
232	11.025	11.009	11.030	HH	13463	168839	1.01%	0.025%
233	11.043	11.030	11.050	HH	13575	161180	0.97%	0.024%
234	11.066	11.050	11.086	HH	14550	293162	1.76%	0.043%
235	11.106	11.086	11.151	HH	26126	675051	4.05%	0.100%
236	11.178	11.151	11.193	HH	14722	351409	2.11%	0.052%
237	11.215	11.193	11.239	HH	15909	413174	2.48%	0.061%
238	11.271	11.239	11.310	HH	203174	2706099	16.22%	0.401%
239	11.361	11.310	11.392	HH	29219	957066	5.74%	0.142%
240	11.421	11.392	11.445	HH	16399	468716	2.81%	0.069%
241	11.470	11.445	11.494	HH	18597	460909	2.76%	0.068%
242	11.514	11.494	11.545	HH	17073	483655	2.90%	0.072%
243	11.570	11.545	11.595	HH	16185	460347	2.76%	0.068%
244	11.623	11.595	11.637	HH	32180	554699	3.32%	0.082%
245	11.653	11.637	11.673	HH	37273	574788	3.44%	0.085%
246	11.682	11.673	11.700	HH	17841	270902	1.62%	0.040%

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247	11.738	11.700	11.755	HH	31816	740224	4.44%	0.110%
248	11.770	11.755	11.786	HH	28693	436246	2.61%	0.065%
249	11.802	11.786	11.831	HH	31197	589899	3.54%	0.087%
250	11.844	11.831	11.856	HH	15551	226955	1.36%	0.034%
251	11.879	11.856	11.897	HH	17247	399818	2.40%	0.059%
252	11.939	11.897	11.957	HH	22438	701155	4.20%	0.104%
253	11.976	11.957	12.000	HH	31392	586363	3.51%	0.087%
254	12.025	12.000	12.062	HH	18435	639079	3.83%	0.095%
255	12.066	12.062	12.071	HH	16421	90687	0.54%	0.013%
256	12.092	12.071	12.113	HH	26928	512742	3.07%	0.076%
257	12.123	12.113	12.137	HH	17293	242214	1.45%	0.036%
258	12.187	12.137	12.225	HH	90873	1780431	10.67%	0.264%
259	12.242	12.225	12.261	HH	21034	406788	2.44%	0.060%
260	12.271	12.261	12.285	HH	17623	249570	1.50%	0.037%
261	12.304	12.285	12.314	HH	18087	304515	1.83%	0.045%
262	12.320	12.314	12.329	HH	18615	165662	0.99%	0.025%
263	12.347	12.329	12.358	HH	20621	349407	2.09%	0.052%
264	12.364	12.358	12.391	HH	19838	361890	2.17%	0.054%
265	12.411	12.391	12.449	HH	23145	699425	4.19%	0.104%
266	12.469	12.449	12.498	HH	26652	626880	3.76%	0.093%
267	12.523	12.498	12.542	HH	33113	663308	3.98%	0.098%
268	12.579	12.542	12.610	HH	191247	2906684	17.42%	0.430%
269	12.639	12.610	12.672	HH	227623	3016723	18.08%	0.447%
270	12.688	12.672	12.716	HH	24431	566044	3.39%	0.084%
271	12.734	12.716	12.752	HH	19449	403025	2.42%	0.060%
272	12.774	12.752	12.787	HH	23728	447294	2.68%	0.066%
273	12.800	12.787	12.809	HH	22724	290034	1.74%	0.043%
274	12.826	12.809	12.867	HH	27075	835307	5.01%	0.124%
275	12.877	12.867	12.908	HH	21238	504859	3.03%	0.075%
276	12.938	12.908	12.960	HH	194727	2476874	14.84%	0.367%
277	12.992	12.960	13.007	HH	35170	826758	4.95%	0.122%
278	13.023	13.007	13.054	HH	35585	734423	4.40%	0.109%
279	13.074	13.054	13.090	HH	22916	455508	2.73%	0.067%
280	13.109	13.090	13.116	HH	25936	381759	2.29%	0.057%
281	13.131	13.116	13.157	HH	29194	606297	3.63%	0.090%
282	13.201	13.157	13.222	HH	35173	998701	5.99%	0.148%
283	13.273	13.222	13.294	HH	29072	1114058	6.68%	0.165%
284	13.307	13.294	13.319	HH	23964	346922	2.08%	0.051%
285	13.333	13.319	13.347	HH	27166	425921	2.55%	0.063%
286	13.362	13.347	13.372	HH	24566	361440	2.17%	0.054%
287	13.414	13.372	13.460	HH	47925	1638690	9.82%	0.243%
288	13.467	13.460	13.484	HH	24003	339235	2.03%	0.050%
289	13.523	13.484	13.558	HH	47638	1417068	8.49%	0.210%
290	13.593	13.558	13.608	HH	26069	750340	4.50%	0.111%
291	13.633	13.608	13.653	HH	37448	831213	4.98%	0.123%
292	13.672	13.653	13.691	HH	37929	717508	4.30%	0.106%
293	13.713	13.691	13.737	HH	29874	752546	4.51%	0.111%
294	13.776	13.737	13.820	HH	195748	3494163	20.94%	0.517%
295	13.841	13.820	13.876	HH	36986	1018304	6.10%	0.151%
296	13.914	13.876	13.932	HH	29292	916109	5.49%	0.136%
297	13.954	13.932	13.963	HH	27254	496626	2.98%	0.074%
298	14.005	13.963	14.030	HH	30240	1170800	7.02%	0.173%
299	14.053	14.030	14.087	HH	29170	953566	5.71%	0.141%

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300	14.107	14.087	14.123	HH	28445	603069	3.61%	0.089%
301	14.163	14.123	14.179	HH	33641	1007348	6.04%	0.149%
302	14.215	14.179	14.235	HH	32950	1085738	6.51%	0.161%
303	14.256	14.235	14.283	HH	46840	1067753	6.40%	0.158%
304	14.294	14.283	14.299	HH	31114	298922	1.79%	0.044%
305	14.303	14.299	14.313	HH	31346	259027	1.55%	0.038%
306	14.340	14.313	14.353	HH	37066	807664	4.84%	0.120%
307	14.358	14.353	14.370	HH	34493	360632	2.16%	0.053%
308	14.392	14.370	14.412	HH	51325	1046353	6.27%	0.155%
309	14.436	14.412	14.477	HH	46615	1546567	9.27%	0.229%
310	14.501	14.477	14.522	HH	56493	1159855	6.95%	0.172%
311	14.557	14.522	14.584	HH	52203	1549165	9.28%	0.229%
312	14.625	14.584	14.643	HH	37149	1220352	7.31%	0.181%
313	14.676	14.643	14.707	HH	167297	3193049	19.14%	0.473%
314	14.712	14.707	14.742	HH	35925	740324	4.44%	0.110%
315	14.763	14.742	14.784	HH	44539	988546	5.92%	0.146%
316	14.812	14.784	14.832	HH	129604	2131913	12.78%	0.316%
317	14.854	14.832	14.864	HH	133966	1844618	11.06%	0.273%
318	14.878	14.864	14.930	HH	184441	3395543	20.35%	0.503%
319	14.972	14.930	15.000	HH	57264	1974752	11.84%	0.292%
320	15.005	15.000	15.030	HH	43126	741929	4.45%	0.110%
321	15.051	15.030	15.090	HH	47399	1528264	9.16%	0.226%
322	15.111	15.090	15.134	HH	49666	1172327	7.03%	0.174%
323	15.157	15.134	15.184	HH	49325	1363103	8.17%	0.202%
324	15.197	15.184	15.227	HH	43196	1096668	6.57%	0.162%
325	15.254	15.227	15.290	HH	127206	2694086	16.15%	0.399%
326	15.299	15.290	15.317	HH	46096	729676	4.37%	0.108%
327	15.324	15.317	15.345	HH	43852	736257	4.41%	0.109%
328	15.354	15.345	15.372	HH	43831	688784	4.13%	0.102%
329	15.401	15.372	15.425	HH	51201	1553447	9.31%	0.230%
330	15.484	15.425	15.505	HH	66159	2587563	15.51%	0.383%
331	15.523	15.505	15.552	HH	56432	1425305	8.54%	0.211%
332	15.569	15.552	15.580	HH	50350	823892	4.94%	0.122%
333	15.647	15.580	15.679	HH	60455	3209417	19.23%	0.475%
334	15.723	15.679	15.749	HH	56534	2207309	13.23%	0.327%
335	15.772	15.749	15.793	HH	55881	1426789	8.55%	0.211%
336	15.808	15.793	15.822	HH	56590	947811	5.68%	0.140%
337	15.838	15.822	15.865	HH	57358	1442483	8.65%	0.214%
338	15.900	15.865	15.945	HH	203610	4501777	26.98%	0.667%
339	15.959	15.945	15.973	HH	55978	936782	5.61%	0.139%
340	15.985	15.973	16.000	HH	55610	882761	5.29%	0.131%
341	16.009	16.000	16.014	HH	55657	457439	2.74%	0.068%
342	16.020	16.014	16.037	HH	55558	758244	4.54%	0.112%
343	16.046	16.037	16.056	HH	55676	644455	3.86%	0.095%
344	16.094	16.056	16.115	HH	65567	2142055	12.84%	0.317%
345	16.123	16.115	16.137	HH	60245	776368	4.65%	0.115%
346	16.154	16.137	16.169	HH	63540	1184389	7.10%	0.175%
347	16.202	16.169	16.223	HH	66463	2067825	12.39%	0.306%
348	16.268	16.223	16.286	HH	79285	2621589	15.71%	0.388%
349	16.296	16.286	16.325	HH	72509	1574558	9.44%	0.233%
350	16.373	16.325	16.390	HH	171384	4061032	24.34%	0.601%
351	16.398	16.390	16.429	HH	108958	1963141	11.77%	0.291%

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352	16.501	16.429	16.521	HH	87230	3971613	23.80%	0.588%
353	16.542	16.521	16.579	HH	74142	2477431	14.85%	0.367%
354	16.598	16.579	16.605	HH	73041	1119025	6.71%	0.166%
355	16.621	16.605	16.638	HH	77209	1502627	9.01%	0.223%
356	16.693	16.638	16.718	HH	137735	4523239	27.11%	0.670%
357	16.751	16.718	16.790	HH	153633	4154243	24.90%	0.615%
358	16.849	16.790	16.876	HH	240378	6174764	37.01%	0.914%
359	16.901	16.876	16.932	HH	88666	2896046	17.36%	0.429%
360	16.992	16.932	17.026	HH	88077	4779332	28.64%	0.708%
361	17.035	17.026	17.041	HH	86173	758732	4.55%	0.112%
362	17.063	17.041	17.074	HH	87853	1753915	10.51%	0.260%
363	17.112	17.074	17.140	HH	94673	3570665	21.40%	0.529%
364	17.156	17.140	17.182	HH	90435	2265388	13.58%	0.335%
365	17.209	17.182	17.230	HH	97177	2648609	15.87%	0.392%
366	17.249	17.230	17.262	HH	95079	1766964	10.59%	0.262%
367	17.294	17.262	17.320	HH	104014	3425579	20.53%	0.507%
368	17.335	17.320	17.361	HH	95638	2249587	13.48%	0.333%
369	17.371	17.361	17.389	HH	93656	1550385	9.29%	0.230%
370	17.414	17.389	17.447	HH	100840	3387215	20.30%	0.502%
371	17.474	17.447	17.492	HH	96185	2525283	15.13%	0.374%
372	17.512	17.492	17.520	HH	96320	1646553	9.87%	0.244%
373	17.525	17.520	17.531	HH	96482	615386	3.69%	0.091%
374	17.541	17.531	17.549	HH	97137	1054385	6.32%	0.156%
375	17.589	17.549	17.603	HH	99351	3148465	18.87%	0.466%
376	17.611	17.603	17.624	HH	99029	1220688	7.32%	0.181%
377	17.656	17.624	17.669	HH	106653	2806779	16.82%	0.416%
378	17.735	17.669	17.767	HH	253561	8385383	50.26%	1.242%
379	17.796	17.767	17.811	HH	110604	2899425	17.38%	0.429%
380	17.823	17.811	17.829	HH	112548	1178696	7.06%	0.175%
381	17.848	17.829	17.859	HH	112247	1974471	11.83%	0.292%
382	17.886	17.859	17.944	HH	129306	6057459	36.30%	0.897%
383	17.964	17.944	17.988	HH	115832	2970824	17.80%	0.440%
384	17.992	17.988	17.997	HH	110382	621929	3.73%	0.092%
385	18.028	17.997	18.045	HH	128381	3428903	20.55%	0.508%
386	18.089	18.045	18.102	HH	155091	4475872	26.82%	0.663%
387	18.119	18.102	18.140	HH	182061	3474873	20.83%	0.515%
388	18.158	18.140	18.184	HH	144614	3540584	21.22%	0.524%
389	18.201	18.184	18.225	HH	127316	3086547	18.50%	0.457%
390	18.254	18.225	18.270	HH	152689	3725724	22.33%	0.552%
391	18.284	18.270	18.307	HH	144554	3120335	18.70%	0.462%
392	18.322	18.307	18.340	HH	130620	2559382	15.34%	0.379%
393	18.374	18.340	18.404	HH	191928	5679408	34.04%	0.841%
394	18.428	18.404	18.436	HH	133456	2611966	15.65%	0.387%
395	18.453	18.436	18.482	HH	138822	3729896	22.35%	0.552%
396	18.504	18.482	18.531	HH	148053	4076614	24.43%	0.604%
397	18.568	18.531	18.622	HH	268205	9338796	55.97%	1.383%
398	18.637	18.622	18.642	HH	136209	1617877	9.70%	0.240%
399	18.679	18.642	18.703	HH	152645	5243609	31.43%	0.776%
400	18.727	18.703	18.749	HH	148227	3941405	23.62%	0.584%
401	18.784	18.749	18.792	HH	143498	3650672	21.88%	0.541%
402	18.811	18.792	18.828	HH	148588	3208523	19.23%	0.475%
403	18.853	18.828	18.856	HH	150901	2518893	15.10%	0.373%
404	18.861	18.856	18.869	HH	151257	1127487	6.76%	0.167%

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405	18.919	18.869	18.943	HH	179761	7157853	42.90%	1.060%
406	18.968	18.943	18.997	HH	166978	5231147	31.35%	0.775%
407	19.009	18.997	19.028	HH	159190	2948061	17.67%	0.437%
408	19.079	19.028	19.119	HH	162003	8619956	51.66%	1.276%
409	19.164	19.119	19.172	HH	162103	5077239	30.43%	0.752%
410	19.179	19.172	19.192	HH	161615	1935551	11.60%	0.287%
411	19.202	19.192	19.220	HH	162198	2720703	16.31%	0.403%
412	19.225	19.220	19.238	HH	159788	1648628	9.88%	0.244%
413	19.246	19.238	19.256	HH	158985	1732957	10.39%	0.257%
414	19.268	19.256	19.280	HH	161021	2297840	13.77%	0.340%
415	19.353	19.280	19.381	HH	285208	11571600	69.35%	1.714%
416	19.393	19.381	19.399	HH	175740	1866264	11.18%	0.276%
417	19.411	19.399	19.417	HH	178677	1944616	11.65%	0.288%
418	19.421	19.417	19.442	HH	178436	2676877	16.04%	0.396%
419	19.466	19.442	19.497	HH	184549	5954167	35.68%	0.882%
420	19.534	19.497	19.560	HH	208265	7286479	43.67%	1.079%
421	19.601	19.560	19.626	HH	212463	7836207	46.96%	1.160%
422	19.647	19.626	19.673	HH	198017	5477747	32.83%	0.811%
423	19.723	19.673	19.758	HH	207540	10260879	61.50%	1.519%
424	19.765	19.758	19.772	HH	192838	1626322	9.75%	0.241%
425	19.794	19.787	19.804	HH	194332	1899650	11.39%	0.281%
426	19.843	19.833	19.851	HH	196881	2186865	13.11%	0.324%
427	19.911	19.851	19.938	HH	229144	10921049	65.45%	1.617%
428	19.973	19.938	19.977	HH	216622	4987356	29.89%	0.739%
429	19.981	19.977	19.995	HH	216265	2361901	14.16%	0.350%
430	20.009	19.995	20.030	HH	217762	4454639	26.70%	0.660%
431	20.056	20.030	20.066	HH	214792	4479512	26.85%	0.663%
432	20.096	20.066	20.121	HH	319493	8556959	51.28%	1.267%
433	20.126	20.121	20.146	HH	218540	3236315	19.40%	0.479%
434	20.176	20.146	20.202	HH	228133	7490035	44.89%	1.109%
435	20.251	20.202	20.255	HH	228317	7088617	42.48%	1.050%
436	20.269	20.255	20.283	HH	230711	3936617	23.59%	0.583%
437	20.304	20.283	20.330	HH	235695	6512566	39.03%	0.964%
438	20.337	20.330	20.379	HH	232451	6674375	40.00%	0.988%
439	20.385	20.379	20.397	HH	224232	2402375	14.40%	0.356%
440	20.427	20.397	20.431	HH	229359	4639657	27.81%	0.687%
441	20.436	20.431	20.439	HH	230892	1024200	6.14%	0.152%
442	20.452	20.439	20.478	HH	235882	5458240	32.71%	0.808%
443	20.486	20.478	20.494	HH	233265	2214161	13.27%	0.328%
444	20.522	20.494	20.577	HH	235222	11527629	69.09%	1.707%
445	20.582	20.577	20.604	HH	221943	3559298	21.33%	0.527%
446	20.628	20.604	20.632	HH	224163	3835179	22.99%	0.568%
447	20.644	20.632	20.655	HH	226458	3108987	18.63%	0.460%
448	20.659	20.655	20.663	HH	225988	992014	5.95%	0.147%
449	20.674	20.663	20.683	HH	226661	2794255	16.75%	0.414%
450	20.692	20.683	20.699	HH	226429	2172894	13.02%	0.322%
451	20.710	20.699	20.735	HH	230311	4901102	29.37%	0.726%
452	20.743	20.735	20.777	HH	228468	5642838	33.82%	0.836%
453	20.831	20.777	20.891	HH	315473	16685469	100.00%	2.471%
454	20.897	20.891	20.927	HH	214699	4579503	27.45%	0.678%
455	20.935	20.927	20.962	HH	211230	4420809	26.49%	0.655%
456	20.983	20.962	20.987	HH	213896	3174504	19.03%	0.470%

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457	21.020	20.987	21.054	HH	220847	8784052	52.64%	1.301%
458	21.057	21.054	21.066	HH	217697	1498664	8.98%	0.222%
459	21.082	21.066	21.092	HH	217378	3426061	20.53%	0.507%
460	21.118	21.092	21.154	HH	221947	8122017	48.68%	1.203%
461	21.161	21.154	21.170	HH	215828	2084453	12.49%	0.309%
462	21.177	21.170	21.187	HH	215703	2199620	13.18%	0.326%
463	21.208	21.187	21.241	HH	220483	7081774	42.44%	1.049%
464	21.249	21.241	21.271	HH	216594	3829244	22.95%	0.567%
465	21.290	21.271	21.314	HH	213651	5437630	32.59%	0.805%
466	21.334	21.314	21.339	HH	212204	3162982	18.96%	0.468%
467	21.417	21.412	21.449	HH	208666	4480279	26.85%	0.663%
468	21.452	21.449	21.476	HH	203506	3309856	19.84%	0.490%
469	21.535	21.531	21.540	HH	197684	1068534	6.40%	0.158%
470	21.579	21.540	21.584	HH	204360	5242833	31.42%	0.776%
471	21.588	21.584	21.632	HH	204637	5836455	34.98%	0.864%
472	21.662	21.632	21.682	HH	202355	5977088	35.82%	0.885%
473	21.733	21.682	21.800	HHA	265538	15721763	94.22%	2.328%
					Sum of corrected areas:		675295486	

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