

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF053119\
 Data File : FF004676.D
 Signal(s) : FID2B.ch
 Acq On : 31 May 2019 19:18
 Sample : K3105-03 2X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052219.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.312	2.282	2.336	BH	149	-553	-0.00%	-0.000%
2	2.343	2.336	2.416	PH	-41	-6503	-0.03%	-0.001%
3	2.425	2.416	2.429	PH	-161	-1753	-0.01%	-0.000%
4	2.434	2.429	2.457	PH	-116	-3122	-0.01%	-0.000%
5	2.460	2.457	2.469	PH	-144	-1283	-0.01%	-0.000%
6	2.486	2.469	2.525	PH	210	-2891	-0.01%	-0.000%
7	2.544	2.525	2.572	PH	797	1825	0.01%	0.000%
8	2.585	2.572	2.597	PH	-67	-2349	-0.01%	-0.000%
9	2.606	2.597	2.610	PH	-231	-2008	-0.01%	-0.000%
10	2.614	2.610	2.625	PH	-196	-2450	-0.01%	-0.000%
11	2.631	2.625	2.634	PH	-272	-1844	-0.01%	-0.000%
12	2.643	2.634	2.655	PH	-158	-3330	-0.01%	-0.000%
13	2.669	2.655	2.699	PH	-284	-8861	-0.04%	-0.001%
14	2.706	2.699	2.724	PH	-349	-5664	-0.02%	-0.001%
15	2.728	2.724	2.750	PH	-366	-6190	-0.03%	-0.001%
16	2.753	2.750	2.757	PH	-337	-1583	-0.01%	-0.000%
17	2.771	2.757	2.783	PH	-140	-4018	-0.02%	-0.001%
18	2.787	2.783	2.817	PH	-293	-6651	-0.03%	-0.001%
19	2.822	2.817	2.850	PH	-332	-7615	-0.03%	-0.001%
20	2.867	2.850	2.909	PH	20	-8276	-0.03%	-0.001%
21	2.922	2.909	2.925	PH	-332	-3654	-0.01%	-0.000%
22	2.932	2.925	2.947	PH	-339	-4971	-0.02%	-0.001%
23	2.982	2.947	3.009	PH	-98	-10672	-0.04%	-0.001%
24	3.026	3.009	3.033	PH	-87	-3895	-0.02%	-0.001%
25	3.045	3.033	3.077	PH	-139	-8222	-0.03%	-0.001%
26	3.087	3.077	3.115	PH	-274	-8385	-0.03%	-0.001%
27	3.118	3.115	3.142	PH	-346	-6894	-0.03%	-0.001%
28	3.159	3.142	3.176	PH	-247	-7933	-0.03%	-0.001%
29	3.187	3.176	3.209	PH	-362	-8545	-0.03%	-0.001%
30	3.221	3.209	3.252	PH	723	-1549	-0.01%	-0.000%
31	3.257	3.252	3.276	PH	-400	-6571	-0.03%	-0.001%
32	3.292	3.276	3.311	PH	-307	-8531	-0.03%	-0.001%
33	3.341	3.311	3.355	PH	-268	-10717	-0.04%	-0.001%
34	3.361	3.355	3.385	PH	-254	-7640	-0.03%	-0.001%
35	3.388	3.385	3.395	PH	-408	-2673	-0.01%	-0.000%
36	3.402	3.395	3.439	PH	-311	-10968	-0.04%	-0.001%

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37	3.441	3.439	3.447	PH	-381	-2002	-0.01%	-0.000%
38	3.464	3.447	3.479	PH	-246	-7114	-0.03%	-0.001%
39	3.493	3.479	3.510	PH	-347	-8182	-0.03%	-0.001%
40	3.520	3.510	3.538	PH	-360	-7200	-0.03%	-0.001%
41	3.541	3.538	3.560	PH	-397	-6518	-0.03%	-0.001%
42	3.564	3.560	3.576	PH	-541	-4944	-0.02%	-0.001%
43	3.582	3.576	3.599	PH	-537	-7946	-0.03%	-0.001%
44	3.630	3.599	3.655	PH	235	-4834	-0.02%	-0.001%
45	3.664	3.655	3.696	PH	168	-5095	-0.02%	-0.001%
46	3.720	3.696	3.738	PH	-12	-6099	-0.02%	-0.001%
47	3.745	3.738	3.762	PH	-319	-5648	-0.02%	-0.001%
48	3.777	3.762	3.806	PH	-73	-7868	-0.03%	-0.001%
49	3.811	3.806	3.825	PH	-418	-5482	-0.02%	-0.001%
50	3.838	3.825	3.858	PH	-312	-9466	-0.04%	-0.001%
51	3.864	3.858	3.874	PH	-510	-5384	-0.02%	-0.001%
52	3.888	3.874	3.908	PH	-201	-9804	-0.04%	-0.001%
53	3.935	3.908	3.953	PH	-248	-11755	-0.05%	-0.002%
54	3.957	3.953	3.967	PH	-472	-4569	-0.02%	-0.001%
55	3.968	3.967	3.982	PH	-478	-5393	-0.02%	-0.001%
56	4.002	3.982	4.029	PH	6956	49794	0.20%	0.007%
57	4.042	4.029	4.068	PH	677	1579	0.01%	0.000%
58	4.080	4.068	4.100	PH	-222	-6156	-0.03%	-0.001%
59	4.106	4.100	4.137	PH	-278	-9009	-0.04%	-0.001%
60	4.173	4.137	4.240	PH	907	-9926	-0.04%	-0.001%
61	4.244	4.240	4.254	PH	-378	-3426	-0.01%	-0.000%
62	4.262	4.254	4.304	PH	-355	-15940	-0.07%	-0.002%
63	4.335	4.304	4.341	PH	-291	-11044	-0.05%	-0.001%
64	4.349	4.341	4.353	PH	-438	-3437	-0.01%	-0.000%
65	4.372	4.353	4.379	PH	-407	-6818	-0.03%	-0.001%
66	4.388	4.379	4.404	PH	-238	-5383	-0.02%	-0.001%
67	4.415	4.404	4.433	PH	-166	-5929	-0.02%	-0.001%
68	4.455	4.433	4.477	PH	-186	-10135	-0.04%	-0.001%
69	4.487	4.477	4.500	PH	-261	-5763	-0.02%	-0.001%
70	4.521	4.500	4.540	PH	135	-7714	-0.03%	-0.001%
71	4.565	4.540	4.589	PH	1040	-1561	-0.01%	-0.000%
72	4.633	4.589	4.659	PH	470	-4160	-0.02%	-0.001%
73	4.673	4.659	4.687	PH	136	-1357	-0.01%	-0.000%
74	4.705	4.687	4.719	PH	214	-101	-0.00%	-0.000%
75	4.729	4.719	4.737	PH	146	752	0.00%	0.000%
76	4.748	4.737	4.768	HH	156	-2665	-0.01%	-0.000%
77	4.771	4.768	4.784	PH	-402	-4721	-0.02%	-0.001%
78	4.800	4.784	4.816	PH	-225	-7555	-0.03%	-0.001%
79	4.830	4.816	4.853	PH	-326	-10627	-0.04%	-0.001%
80	4.872	4.853	4.885	PH	-418	-10488	-0.04%	-0.001%
81	4.895	4.885	4.910	PH	-355	-8395	-0.03%	-0.001%
82	4.914	4.910	4.925	PH	-651	-6538	-0.03%	-0.001%
83	4.960	4.925	4.993	PH	1006	-8934	-0.04%	-0.001%
84	5.006	4.993	5.032	PH	-190	-9662	-0.04%	-0.001%
85	5.035	5.032	5.048	PH	-392	-4653	-0.02%	-0.001%
86	5.059	5.048	5.081	PH	-406	-11310	-0.05%	-0.002%
87	5.112	5.081	5.126	PH	169	-7733	-0.03%	-0.001%
88	5.139	5.126	5.148	PH	-304	-6181	-0.03%	-0.001%
89	5.160	5.148	5.178	PH	-343	-8879	-0.04%	-0.001%

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90	5.190	5.178	5.202	PH	-675	-10341	-0.04%	-0.001%
91	5.230	5.202	5.249	PH	-547	-18956	-0.08%	-0.003%
92	5.273	5.249	5.290	PH	-316	-13512	-0.06%	-0.002%
93	5.294	5.290	5.307	PH	-681	-7349	-0.03%	-0.001%
94	5.311	5.307	5.315	PH	-763	-3870	-0.02%	-0.001%
95	5.348	5.315	5.364	PH	-428	-18005	-0.07%	-0.002%
96	5.367	5.364	5.392	PH	-662	-12214	-0.05%	-0.002%
97	5.406	5.392	5.440	PH	-589	-21833	-0.09%	-0.003%
98	5.458	5.440	5.476	PH	156	-8015	-0.03%	-0.001%
99	5.489	5.476	5.495	PH	-413	-6006	-0.02%	-0.001%
100	5.507	5.495	5.545	PH	161	-14033	-0.06%	-0.002%
101	5.561	5.545	5.606	PH	-250	-22393	-0.09%	-0.003%
102	5.622	5.606	5.635	PH	-317	-9045	-0.04%	-0.001%
103	5.646	5.635	5.666	PH	-203	-8808	-0.04%	-0.001%
104	5.686	5.666	5.701	PH	-325	-12422	-0.05%	-0.002%
105	5.740	5.701	5.782	PH	651	-16387	-0.07%	-0.002%
106	5.794	5.782	5.806	PH	-585	-9657	-0.04%	-0.001%
107	5.815	5.806	5.841	PH	-612	-14680	-0.06%	-0.002%
108	5.862	5.841	5.875	PH	-505	-12881	-0.05%	-0.002%
109	5.890	5.875	5.903	PH	-68	-7484	-0.03%	-0.001%
110	5.912	5.903	5.936	PH	-503	-13336	-0.05%	-0.002%
111	5.961	5.936	5.977	PH	-427	-16131	-0.07%	-0.002%
112	6.008	5.977	6.037	PH	16285	134238	0.55%	0.018%
113	6.056	6.037	6.086	PH	-177	-15479	-0.06%	-0.002%
114	6.105	6.086	6.124	PH	-420	-13585	-0.06%	-0.002%
115	6.149	6.124	6.170	PH	-53	-8965	-0.04%	-0.001%
116	6.185	6.170	6.207	PH	-123	-9051	-0.04%	-0.001%
117	6.224	6.207	6.253	PH	-262	-14617	-0.06%	-0.002%
118	6.282	6.253	6.332	PH	-314	-28404	-0.12%	-0.004%
119	6.363	6.332	6.386	PH	-426	-18922	-0.08%	-0.003%
120	6.391	6.386	6.394	PH	-521	-2772	-0.01%	-0.000%
121	6.406	6.394	6.419	PH	-400	-7048	-0.03%	-0.001%
122	6.437	6.419	6.453	PH	1656	10330	0.04%	0.001%
123	6.461	6.453	6.502	PH	-30	-14626	-0.06%	-0.002%
124	6.519	6.502	6.534	PH	-693	-14380	-0.06%	-0.002%
125	6.559	6.534	6.580	PH	100	-9423	-0.04%	-0.001%
126	6.589	6.580	6.619	PH	-546	-17107	-0.07%	-0.002%
127	6.634	6.619	6.664	PH	287	-11356	-0.05%	-0.002%
128	6.685	6.664	6.700	PH	-639	-16182	-0.07%	-0.002%
129	6.721	6.700	6.732	PH	205	-7075	-0.03%	-0.001%
130	6.741	6.732	6.782	PH	-242	-17479	-0.07%	-0.002%
131	6.790	6.782	6.803	PH	-737	-10247	-0.04%	-0.001%
132	6.841	6.803	6.864	PH	-64	-20444	-0.08%	-0.003%
133	6.878	6.864	6.887	PH	-557	-8697	-0.04%	-0.001%
134	6.902	6.887	6.934	PH	-9	-9560	-0.04%	-0.001%
135	6.938	6.934	6.942	PH	-545	-3042	-0.01%	-0.000%
136	6.971	6.942	6.983	PH	33	-6918	-0.03%	-0.001%
137	7.002	6.983	7.032	PH	90	-10862	-0.04%	-0.001%
138	7.064	7.032	7.101	PH	17380	153142	0.63%	0.021%
139	7.117	7.101	7.133	PH	720	1567	0.01%	0.000%
140	7.156	7.133	7.177	PH	-8	-8649	-0.04%	-0.001%
141	7.199	7.177	7.228	PH	19443	175630	0.72%	0.024%

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142	7.235	7.228	7.253	PH	-564	-9741	-0.04%	-0.001%
143	7.258	7.253	7.276	PH	-531	-8578	-0.04%	-0.001%
144	7.295	7.276	7.322	PH	-526	-18327	-0.07%	-0.002%
145	7.327	7.322	7.344	PH	-666	-9513	-0.04%	-0.001%
146	7.363	7.344	7.380	PH	-71	-8973	-0.04%	-0.001%
147	7.388	7.380	7.406	PH	-312	-7447	-0.03%	-0.001%
148	7.424	7.406	7.467	PH	-18	-14654	-0.06%	-0.002%
149	7.494	7.467	7.512	PH	160	-10541	-0.04%	-0.001%
150	7.539	7.512	7.565	PH	247	-9095	-0.04%	-0.001%
151	7.591	7.565	7.608	PH	-409	-16036	-0.07%	-0.002%
152	7.613	7.608	7.624	PH	-723	-7769	-0.03%	-0.001%
153	7.649	7.624	7.670	PH	-202	-15836	-0.06%	-0.002%
154	7.693	7.670	7.724	PH	440	-11403	-0.05%	-0.002%
155	7.734	7.724	7.746	PH	-505	-7746	-0.03%	-0.001%
156	7.788	7.746	7.808	PH	9125	78608	0.32%	0.011%
157	7.815	7.808	7.835	PH	136	-3257	-0.01%	-0.000%
158	7.843	7.835	7.854	PH	-266	-3973	-0.02%	-0.001%
159	7.867	7.854	7.874	PH	-243	-4045	-0.02%	-0.001%
160	7.889	7.874	7.903	PH	-105	-5631	-0.02%	-0.001%
161	7.945	7.903	7.982	PH	21709	233258	0.95%	0.031%
162	7.993	7.982	8.005	PH	440	2652	0.01%	0.000%
163	8.042	8.005	8.097	PH	17668	276933	1.13%	0.037%
164	8.114	8.097	8.135	PH	894	4069	0.02%	0.001%
165	8.162	8.135	8.178	PH	38124	392718	1.61%	0.053%
166	8.189	8.178	8.212	HH	16126	164063	0.67%	0.022%
167	8.224	8.212	8.257	HH	1543	19855	0.08%	0.003%
168	8.294	8.257	8.308	PH	33803	357541	1.46%	0.048%
169	8.324	8.308	8.389	HH	18258	346328	1.42%	0.046%
170	8.399	8.389	8.415	PH	275	1035	0.00%	0.000%
171	8.436	8.415	8.462	PH	13608	130273	0.53%	0.017%
172	8.483	8.462	8.503	PH	5778	54011	0.22%	0.007%
173	8.524	8.503	8.542	PH	194	1147	0.00%	0.000%
174	8.546	8.542	8.560	PH	0	-1437	-0.01%	-0.000%
175	8.592	8.560	8.616	PH	7543	73443	0.30%	0.010%
176	8.643	8.616	8.668	HH	223237	2193048	8.97%	0.294%
177	8.687	8.668	8.725	HH	12759	155831	0.64%	0.021%
178	8.756	8.725	8.771	HH	6593	83880	0.34%	0.011%
179	8.782	8.771	8.786	HH	2710	20534	0.08%	0.003%
180	8.801	8.786	8.820	HH	7744	82977	0.34%	0.011%
181	8.833	8.820	8.845	HH	2454	25645	0.10%	0.003%
182	8.884	8.845	8.898	HH	57958	668484	2.73%	0.090%
183	8.915	8.898	8.938	HH	101123	1037843	4.25%	0.139%
184	8.953	8.938	8.984	HH	8752	103996	0.43%	0.014%
185	9.006	8.984	9.025	HH	9989	111216	0.45%	0.015%
186	9.052	9.025	9.070	HH	17084	200005	0.82%	0.027%
187	9.093	9.070	9.145	HH	17322	240934	0.99%	0.032%
188	9.156	9.145	9.175	HH	344	4246	0.02%	0.001%
189	9.208	9.175	9.225	HH	19611	230548	0.94%	0.031%
190	9.240	9.225	9.270	HH	19294	199262	0.82%	0.027%
191	9.289	9.270	9.303	HH	1353	16256	0.07%	0.002%
192	9.345	9.303	9.366	HH	23936	349906	1.43%	0.047%
193	9.383	9.366	9.398	HH	6711	86323	0.35%	0.012%
194	9.429	9.398	9.479	HH	269106	2871604	11.75%	0.384%

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195	9.507	9.479	9.532	HH	23147	348666	1.43%	0.047%
196	9.549	9.532	9.561	HH	31792	351998	1.44%	0.047%
197	9.580	9.561	9.596	HH	83715	1011775	4.14%	0.135%
198	9.606	9.596	9.621	HH	31339	332179	1.36%	0.044%
199	9.639	9.621	9.679	HH	51947	685300	2.80%	0.092%
200	9.696	9.679	9.725	HH	6678	123628	0.51%	0.017%
201	9.750	9.725	9.774	HH	53872	686029	2.81%	0.092%
202	9.782	9.774	9.791	HH	8580	84059	0.34%	0.011%
203	9.803	9.791	9.819	HH	10480	145945	0.60%	0.020%
204	9.850	9.819	9.893	HH	71776	1031842	4.22%	0.138%
205	9.912	9.893	9.929	HH	14666	181870	0.74%	0.024%
206	9.947	9.929	9.968	HH	12082	160875	0.66%	0.022%
207	9.988	9.968	9.999	HH	6945	90029	0.37%	0.012%
208	10.022	9.999	10.080	HH	13825	252950	1.03%	0.034%
209	10.114	10.080	10.136	HH	31687	362118	1.48%	0.048%
210	10.145	10.136	10.153	HH	3170	30159	0.12%	0.004%
211	10.172	10.153	10.190	HH	11426	142679	0.58%	0.019%
212	10.197	10.190	10.208	HH	3198	28610	0.12%	0.004%
213	10.227	10.208	10.239	HH	11343	140372	0.57%	0.019%
214	10.248	10.239	10.263	HH	8765	103994	0.43%	0.014%
215	10.284	10.263	10.288	HH	18017	191245	0.78%	0.026%
216	10.311	10.288	10.334	HH	88842	1222667	5.00%	0.164%
217	10.352	10.334	10.388	HH	54495	685892	2.81%	0.092%
218	10.429	10.388	10.473	HH	63822	1301907	5.33%	0.174%
219	10.491	10.473	10.498	HH	16781	211560	0.87%	0.028%
220	10.504	10.498	10.516	HH	16795	161395	0.66%	0.022%
221	10.525	10.516	10.541	HH	14617	167602	0.69%	0.022%
222	10.567	10.541	10.581	HH	22972	353262	1.45%	0.047%
223	10.601	10.581	10.612	HH	39748	520037	2.13%	0.070%
224	10.636	10.612	10.654	HH	108098	1647572	6.74%	0.221%
225	10.663	10.654	10.681	HH	38012	423843	1.73%	0.057%
226	10.711	10.681	10.723	HH	18292	368391	1.51%	0.049%
227	10.739	10.723	10.758	HH	24300	365615	1.50%	0.049%
228	10.777	10.758	10.785	HH	15208	208324	0.85%	0.028%
229	10.806	10.785	10.810	HH	27018	312413	1.28%	0.042%
230	10.854	10.810	10.888	HH	1827816	24444299	100.00%	3.273%
231	10.919	10.888	10.975	HH	701272	8039582	32.89%	1.076%
232	10.990	10.975	10.995	HH	14728	149476	0.61%	0.020%
233	11.010	10.995	11.031	HH	20066	355813	1.46%	0.048%
234	11.047	11.031	11.065	HH	19914	303197	1.24%	0.041%
235	11.079	11.065	11.097	HH	20496	297867	1.22%	0.040%
236	11.122	11.097	11.165	HH	93087	1474213	6.03%	0.197%
237	11.185	11.165	11.188	HH	23035	236640	0.97%	0.032%
238	11.192	11.188	11.211	HH	23019	251837	1.03%	0.034%
239	11.231	11.211	11.252	HH	29517	510933	2.09%	0.068%
240	11.266	11.252	11.291	HH	20427	403793	1.65%	0.054%
241	11.325	11.291	11.339	HH	23576	559903	2.29%	0.075%
242	11.367	11.339	11.406	HH	65163	1490539	6.10%	0.200%
243	11.433	11.406	11.457	HH	30348	620471	2.54%	0.083%
244	11.489	11.457	11.513	HH	53879	865986	3.54%	0.116%
245	11.533	11.513	11.551	HH	19823	356191	1.46%	0.048%
246	11.567	11.551	11.577	HH	15129	223163	0.91%	0.030%

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247	11.593	11.577	11.609	HH	18111	294507	1.20%	0.039%
248	11.643	11.609	11.658	HH	301335	3750031	15.34%	0.502%
249	11.675	11.658	11.711	HH	388288	4445773	18.19%	0.595%
250	11.742	11.711	11.747	HH	195016	1996568	8.17%	0.267%
251	11.760	11.747	11.775	HH	284633	3207819	13.12%	0.429%
252	11.792	11.775	11.805	HH	195473	2321833	9.50%	0.311%
253	11.823	11.805	11.848	HH	310201	3799780	15.54%	0.509%
254	11.860	11.848	11.873	HH	17745	230589	0.94%	0.031%
255	11.895	11.873	11.916	HH	26217	507735	2.08%	0.068%
256	11.958	11.916	11.988	HH	21928	798329	3.27%	0.107%
257	12.001	11.988	12.012	HH	21839	288288	1.18%	0.039%
258	12.029	12.012	12.062	HH	38790	791591	3.24%	0.106%
259	12.073	12.062	12.084	HH	17856	219763	0.90%	0.029%
260	12.111	12.084	12.133	HH	180881	2322933	9.50%	0.311%
261	12.144	12.133	12.160	HH	31767	448157	1.83%	0.060%
262	12.174	12.160	12.187	HH	28722	415681	1.70%	0.056%
263	12.204	12.187	12.232	HH	49643	800698	3.28%	0.107%
264	12.259	12.232	12.278	HH	56874	895717	3.66%	0.120%
265	12.290	12.278	12.307	HH	23269	353479	1.45%	0.047%
266	12.319	12.307	12.327	HH	18653	213802	0.87%	0.029%
267	12.361	12.327	12.376	HH	63710	1132368	4.63%	0.152%
268	12.386	12.376	12.409	HH	43512	643657	2.63%	0.086%
269	12.432	12.409	12.473	HH	84597	1737129	7.11%	0.233%
270	12.512	12.473	12.525	HH	52686	977518	4.00%	0.131%
271	12.546	12.525	12.567	HH	175877	2633538	10.77%	0.353%
272	12.587	12.567	12.605	HH	83329	1665934	6.82%	0.223%
273	12.615	12.605	12.637	HH	72903	1170072	4.79%	0.157%
274	12.682	12.637	12.707	HH	1584686	22996596	94.08%	3.079%
275	12.725	12.707	12.741	HH	29204	466641	1.91%	0.062%
276	12.760	12.741	12.773	HH	31359	481293	1.97%	0.064%
277	12.792	12.773	12.804	HH	35461	594086	2.43%	0.080%
278	12.826	12.804	12.835	HH	69018	969057	3.96%	0.130%
279	12.849	12.835	12.867	HH	89768	1237248	5.06%	0.166%
280	12.884	12.867	12.892	HH	58369	720127	2.95%	0.096%
281	12.898	12.892	12.918	HH	57810	710324	2.91%	0.095%
282	12.929	12.918	12.937	HH	32646	348764	1.43%	0.047%
283	12.981	12.937	13.000	HH	1396737	20465566	83.72%	2.740%
284	13.022	13.000	13.036	HH	249218	3006256	12.30%	0.402%
285	13.052	13.036	13.082	HH	188690	3150019	12.89%	0.422%
286	13.097	13.082	13.114	HH	37919	654646	2.68%	0.088%
287	13.133	13.114	13.148	HH	88933	1228037	5.02%	0.164%
288	13.163	13.148	13.189	HH	91456	1360147	5.56%	0.182%
289	13.227	13.189	13.272	HH	99127	2155241	8.82%	0.289%
290	13.298	13.272	13.323	HH	63206	1276574	5.22%	0.171%
291	13.358	13.323	13.374	HH	69245	1232343	5.04%	0.165%
292	13.385	13.374	13.397	HH	42994	561263	2.30%	0.075%
293	13.422	13.397	13.447	HH	142142	2436358	9.97%	0.326%
294	13.457	13.447	13.485	HH	33974	617085	2.52%	0.083%
295	13.556	13.485	13.593	HH	338046	6583797	26.93%	0.881%
296	13.620	13.593	13.634	HH	42086	848058	3.47%	0.114%
297	13.663	13.634	13.683	HH	275767	3977028	16.27%	0.532%
298	13.702	13.683	13.726	HH	182012	2640126	10.80%	0.353%
299	13.741	13.726	13.764	HH	84391	1469204	6.01%	0.197%

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300	13.792	13.764	13.797	HH	71899	1192771	4.88%	0.160%
301	13.831	13.797	13.852	HH	171925	3387432	13.86%	0.454%
302	13.872	13.852	13.907	HH	161567	2520384	10.31%	0.337%
303	13.943	13.907	13.959	HH	39065	1052617	4.31%	0.141%
304	13.972	13.959	13.979	HH	33043	372471	1.52%	0.050%
305	13.983	13.979	13.989	HH	32979	203058	0.83%	0.027%
306	13.993	13.989	14.015	HH	32399	470928	1.93%	0.063%
307	14.032	14.015	14.044	HH	36854	588721	2.41%	0.079%
308	14.058	14.044	14.073	HH	36389	596388	2.44%	0.080%
309	14.085	14.073	14.100	HH	30928	485253	1.99%	0.065%
310	14.127	14.100	14.177	HH	75296	1853021	7.58%	0.248%
311	14.190	14.177	14.204	HH	28073	421250	1.72%	0.056%
312	14.257	14.204	14.276	HH	83621	2567573	10.50%	0.344%
313	14.288	14.276	14.319	HH	70247	1251794	5.12%	0.168%
314	14.368	14.319	14.378	HH	70480	1821694	7.45%	0.244%
315	14.393	14.378	14.444	HH	77683	2199703	9.00%	0.295%
316	14.469	14.444	14.489	HH	124744	2057217	8.42%	0.275%
317	14.496	14.489	14.507	HH	59606	632100	2.59%	0.085%
318	14.533	14.507	14.555	HH	245227	3798434	15.54%	0.509%
319	14.574	14.555	14.589	HH	84512	1429176	5.85%	0.191%
320	14.595	14.589	14.624	HH	63933	941743	3.85%	0.126%
321	14.656	14.624	14.674	HH	55674	1278385	5.23%	0.171%
322	14.706	14.674	14.775	HH	108522	3602082	14.74%	0.482%
323	14.804	14.775	14.818	HH	58875	1146589	4.69%	0.154%
324	14.856	14.818	14.875	HH	711215	10941461	44.76%	1.465%
325	14.902	14.875	14.924	HH	748119	9935926	40.65%	1.330%
326	14.936	14.924	14.969	HH	48561	1171459	4.79%	0.157%
327	15.014	14.969	15.063	HH	217095	4843829	19.82%	0.649%
328	15.086	15.063	15.123	HH	97865	2202933	9.01%	0.295%
329	15.147	15.123	15.173	HH	87667	1868202	7.64%	0.250%
330	15.202	15.173	15.247	HH	76914	2462045	10.07%	0.330%
331	15.289	15.247	15.325	HH	72238	2383402	9.75%	0.319%
332	15.333	15.325	15.371	HH	45751	1060043	4.34%	0.142%
333	15.432	15.371	15.450	HH	56181	2077708	8.50%	0.278%
334	15.476	15.450	15.497	HH	74594	1613888	6.60%	0.216%
335	15.524	15.497	15.543	HH	203958	3264579	13.36%	0.437%
336	15.560	15.543	15.586	HH	112401	2072191	8.48%	0.277%
337	15.607	15.586	15.629	HH	96260	1838937	7.52%	0.246%
338	15.634	15.629	15.639	HH	60449	378863	1.55%	0.051%
339	15.683	15.639	15.717	HH	166053	4740992	19.40%	0.635%
340	15.758	15.717	15.785	HH	88396	2340506	9.57%	0.313%
341	15.802	15.785	15.822	HH	49255	974785	3.99%	0.131%
342	15.842	15.822	15.864	HH	67674	1288795	5.27%	0.173%
343	15.878	15.864	15.895	HH	42226	760602	3.11%	0.102%
344	15.928	15.895	15.941	HH	60526	1437253	5.88%	0.192%
345	15.945	15.941	15.980	HH	55594	1030575	4.22%	0.138%
346	16.020	15.980	16.042	HH	48034	1505852	6.16%	0.202%
347	16.053	16.042	16.062	HH	41317	486604	1.99%	0.065%
348	16.080	16.062	16.096	HH	44847	874991	3.58%	0.117%
349	16.119	16.096	16.144	HH	61183	1481664	6.06%	0.198%
350	16.159	16.144	16.175	HH	52043	881448	3.61%	0.118%
351	16.197	16.175	16.214	HH	71093	1360580	5.57%	0.182%

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352	16.228	16.214	16.260	HH	61033	1498092	6.13%	0.201%
353	16.324	16.260	16.363	HH	77216	3634575	14.87%	0.487%
354	16.425	16.363	16.440	HH	594858	11326114	46.33%	1.516%
355	16.449	16.440	16.482	HH	345078	4079630	16.69%	0.546%
356	16.492	16.482	16.514	HH	52016	960167	3.93%	0.129%
357	16.546	16.514	16.566	HH	192473	3231194	13.22%	0.433%
358	16.578	16.566	16.596	HH	69681	1144610	4.68%	0.153%
359	16.609	16.596	16.626	HH	57353	979172	4.01%	0.131%
360	16.634	16.626	16.642	HH	54086	513480	2.10%	0.069%
361	16.664	16.642	16.679	HH	68803	1375909	5.63%	0.184%
362	16.745	16.679	16.770	HH	401181	8810305	36.04%	1.180%
363	16.809	16.770	16.839	HH	623944	10070384	41.20%	1.348%
364	16.864	16.839	16.872	HH	71478	1283616	5.25%	0.172%
365	16.899	16.872	16.924	HH	214553	3785946	15.49%	0.507%
366	16.945	16.924	16.979	HH	82623	2265873	9.27%	0.303%
367	17.033	16.979	17.071	HH	94201	4139905	16.94%	0.554%
368	17.097	17.071	17.117	HH	72249	1750634	7.16%	0.234%
369	17.159	17.117	17.234	HH	141957	6535440	26.74%	0.875%
370	17.257	17.234	17.272	HH	77438	1584369	6.48%	0.212%
371	17.315	17.272	17.355	HH	111202	4550189	18.61%	0.609%
372	17.381	17.355	17.397	HH	93792	2065806	8.45%	0.277%
373	17.411	17.397	17.430	HH	85705	1553743	6.36%	0.208%
374	17.455	17.430	17.478	HH	121599	2689984	11.00%	0.360%
375	17.491	17.478	17.513	HH	82944	1627920	6.66%	0.218%
376	17.518	17.513	17.533	HH	69439	832778	3.41%	0.111%
377	17.569	17.533	17.589	HH	86562	2561574	10.48%	0.343%
378	17.600	17.589	17.619	HH	74498	1294799	5.30%	0.173%
379	17.636	17.619	17.654	HH	70519	1397426	5.72%	0.187%
380	17.670	17.654	17.688	HH	65585	1307623	5.35%	0.175%
381	17.713	17.688	17.722	HH	74346	1416432	5.79%	0.190%
382	17.757	17.722	17.762	HH	84931	1889225	7.73%	0.253%
383	17.785	17.762	17.814	HH	92346	2631050	10.76%	0.352%
384	17.886	17.814	17.913	HH	98746	4843969	19.82%	0.649%
385	17.950	17.913	17.990	HH	101040	4145402	16.96%	0.555%
386	18.008	17.990	18.020	HH	81440	1449379	5.93%	0.194%
387	18.025	18.020	18.046	HH	79657	1216228	4.98%	0.163%
388	18.079	18.046	18.143	HH	164414	6128795	25.07%	0.821%
389	18.181	18.143	18.202	HH	381352	7563180	30.94%	1.013%
390	18.208	18.202	18.239	HH	149085	2844893	11.64%	0.381%
391	18.253	18.239	18.276	HH	118723	2353732	9.63%	0.315%
392	18.305	18.276	18.322	HH	175852	3595736	14.71%	0.481%
393	18.337	18.322	18.399	HH	153675	5244939	21.46%	0.702%
394	18.439	18.399	18.461	HH	377648	7235179	29.60%	0.969%
395	18.468	18.461	18.475	HH	97573	799855	3.27%	0.107%
396	18.513	18.475	18.528	HH	125284	3522001	14.41%	0.472%
397	18.564	18.528	18.592	HH	239638	5920081	24.22%	0.793%
398	18.616	18.592	18.637	HH	113376	2810707	11.50%	0.376%
399	18.659	18.637	18.673	HH	107173	2221631	9.09%	0.297%
400	18.684	18.673	18.709	HH	106769	2218287	9.07%	0.297%
401	18.736	18.709	18.773	HH	112977	4074255	16.67%	0.545%
402	18.830	18.773	18.841	HH	112062	4414765	18.06%	0.591%
403	18.863	18.841	18.895	HH	140234	3973612	16.26%	0.532%
404	18.907	18.895	18.923	HH	117004	1904842	7.79%	0.255%

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405	18.942	18.923	18.967	HH	132233	3207952	13.12%	0.429%
406	19.001	18.967	19.020	HH	137167	3922636	16.05%	0.525%
407	19.034	19.020	19.056	HH	128232	2612019	10.69%	0.350%
408	19.065	19.056	19.082	HH	117278	1830332	7.49%	0.245%
409	19.109	19.082	19.162	HH	134187	5819577	23.81%	0.779%
410	19.179	19.162	19.201	HH	120534	2731663	11.18%	0.366%
411	19.220	19.201	19.231	HH	123913	2199954	9.00%	0.295%
412	19.237	19.231	19.245	HH	123575	1041553	4.26%	0.139%
413	19.267	19.245	19.274	HH	124979	2096293	8.58%	0.281%
414	19.280	19.274	19.303	HH	126196	2130680	8.72%	0.285%
415	19.318	19.303	19.337	HH	122830	2501018	10.23%	0.335%
416	19.386	19.337	19.395	HH	128892	4345365	17.78%	0.582%
417	19.411	19.395	19.431	HH	130223	2724358	11.15%	0.365%
418	19.450	19.431	19.461	HH	130728	2361934	9.66%	0.316%
419	19.490	19.461	19.500	HH	131527	3023304	12.37%	0.405%
420	19.520	19.500	19.557	HH	141519	4534615	18.55%	0.607%
421	19.595	19.557	19.620	HH	232658	6822954	27.91%	0.913%
422	19.664	19.620	19.691	HH	240251	7914501	32.38%	1.060%
423	19.720	19.691	19.737	HH	177857	4594684	18.80%	0.615%
424	19.750	19.737	19.769	HH	183090	3293437	13.47%	0.441%
425	19.785	19.769	19.820	HH	165726	4793656	19.61%	0.642%
426	19.877	19.820	19.917	HH	179893	9242821	37.81%	1.237%
427	19.978	19.917	20.008	HH	287469	11205432	45.84%	1.500%
428	20.043	20.008	20.064	HH	219309	6481189	26.51%	0.868%
429	20.067	20.064	20.089	HH	191755	2735601	11.19%	0.366%
430	20.119	20.089	20.154	HH	212125	7176570	29.36%	0.961%
431	20.186	20.154	20.192	HH	172184	3833101	15.68%	0.513%
432	20.203	20.192	20.225	HH	174109	3432135	14.04%	0.460%
433	20.250	20.225	20.269	HH	184147	4672136	19.11%	0.626%
434	20.273	20.269	20.291	HH	177301	2383862	9.75%	0.319%
435	20.298	20.291	20.304	HH	177867	1301429	5.32%	0.174%
436	20.327	20.304	20.340	HH	180775	3879595	15.87%	0.519%
437	20.345	20.340	20.363	HH	176136	2448897	10.02%	0.328%
438	20.399	20.363	20.419	HH	179175	5832336	23.86%	0.781%
439	20.425	20.419	20.442	HH	175351	2365758	9.68%	0.317%
440	20.445	20.442	20.453	HH	175747	1182205	4.84%	0.158%
441	20.465	20.453	20.495	HH	177768	4373462	17.89%	0.586%
442	20.516	20.495	20.532	HH	176026	3895723	15.94%	0.522%
443	20.548	20.532	20.577	HH	173814	4649434	19.02%	0.622%
444	20.585	20.577	20.603	HH	172003	2648048	10.83%	0.355%
445	20.623	20.603	20.658	HH	175483	5707333	23.35%	0.764%
446	20.677	20.658	20.710	HH	175213	5286869	21.63%	0.708%
447	20.719	20.710	20.757	HH	163568	4500060	18.41%	0.602%
448	20.785	20.757	20.802	HH	162529	4352167	17.80%	0.583%
449	20.854	20.802	20.895	HH	165547	9120921	37.31%	1.221%
450	20.905	20.895	20.940	HH	160295	4213775	17.24%	0.564%
451	20.999	20.940	21.071	HH	169166	12650280	51.75%	1.694%
452	21.103	21.071	21.139	HH	164281	6477372	26.50%	0.867%
453	21.214	21.139	21.254	HH	172332	11172756	45.71%	1.496%
454	21.262	21.254	21.271	HH	159581	1612646	6.60%	0.216%
455	21.297	21.271	21.330	HH	163387	5659726	23.15%	0.758%
456	21.395	21.330	21.416	HH	187621	8774926	35.90%	1.175%

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457	21.422	21.416	21.487	HH	174378	7025457	28.74%	0.941%
458	21.491	21.487	21.511	HH	158004	2284374	9.35%	0.306%
459	21.515	21.511	21.533	HH	155827	2035850	8.33%	0.273%
460	21.558	21.533	21.578	HH	160399	4287380	17.54%	0.574%
461	21.607	21.578	21.644	HH	163292	6178954	25.28%	0.827%
462	21.696	21.644	21.739	HH	177026	9178321	37.55%	1.229%
463	21.779	21.739	21.805	HH	175192	6569610	26.88%	0.880%
464	21.831	21.805	21.858	HH	171888	5340056	21.85%	0.715%
465	21.882	21.858	21.900	HHA	180064	4482667	18.34%	0.600%

Sum of corrected areas: 746904736

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