

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091018\
 Data File : FF002084.D
 Signal(s) : FID2B.ch
 Acq On : 10 Sep 2018 21:38
 Sample : J4825-01
 Misc :
 ALS Vial : 67 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	2.005	1.992	2.020	BH	53	-112	-0.00%	-0.000%
2	2.024	2.020	2.041	PH	48	-181	-0.00%	-0.000%
3	2.051	2.041	2.055	PH	13	-226	-0.00%	-0.000%
4	2.063	2.055	2.099	PH	34	-352	-0.01%	-0.000%
5	2.104	2.099	2.116	PH	-25	-545	-0.01%	-0.000%
6	2.129	2.116	2.144	PH	17	-815	-0.01%	-0.000%
7	2.147	2.144	2.170	PH	-29	-825	-0.01%	-0.000%
8	2.186	2.170	2.193	PH	-30	-790	-0.01%	-0.000%
9	2.203	2.193	2.210	PH	-12	-544	-0.01%	-0.000%
10	2.217	2.210	2.230	PH	6	-336	-0.01%	-0.000%
11	2.239	2.230	2.258	PH	95	592	0.01%	0.000%
12	2.276	2.258	2.309	PH	559	5401	0.08%	0.001%
13	2.324	2.309	2.339	HH	491	3343	0.05%	0.001%
14	2.352	2.339	2.374	PH	108	236	0.00%	0.000%
15	2.377	2.374	2.405	PH	33	-200	-0.00%	-0.000%
16	2.410	2.405	2.432	PH	22	-752	-0.01%	-0.000%
17	2.470	2.432	2.491	PH	385	3089	0.05%	0.001%
18	2.497	2.491	2.501	PH	-6	-295	-0.00%	-0.000%
19	2.508	2.501	2.515	PH	-8	-316	-0.00%	-0.000%
20	2.521	2.515	2.530	PH	-30	-508	-0.01%	-0.000%
21	2.537	2.530	2.547	PH	16	-176	-0.00%	-0.000%
22	2.557	2.547	2.577	PH	116	903	0.01%	0.000%
23	2.595	2.577	2.602	PH	78	468	0.01%	0.000%
24	2.606	2.602	2.619	PH	101	374	0.01%	0.000%
25	2.622	2.619	2.626	PH	41	-72	-0.00%	-0.000%
26	2.656	2.626	2.678	PH	229	3180	0.05%	0.001%
27	2.691	2.678	2.712	HH	464	4664	0.07%	0.001%
28	2.728	2.712	2.740	HH	262	3260	0.05%	0.001%
29	2.751	2.740	2.772	HH	546	5690	0.09%	0.001%
30	2.788	2.772	2.799	HH	235	2633	0.04%	0.000%
31	2.814	2.799	2.847	HH	1358	19916	0.30%	0.004%
32	2.852	2.847	2.880	HH	404	3754	0.06%	0.001%
33	2.881	2.880	2.889	HH	14	-49	-0.00%	-0.000%
34	2.901	2.889	2.917	PH	119	836	0.01%	0.000%
35	2.940	2.917	2.955	PH	292	2985	0.05%	0.001%
36	2.966	2.955	2.977	HH	389	3126	0.05%	0.001%

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37	2.994	2.977	3.004	HH	1469	14707	0.22%	0.003%
38	3.016	3.004	3.080	HH	3341	41234	0.63%	0.008%
39	3.093	3.080	3.101	PH	267	1956	0.03%	0.000%
40	3.119	3.101	3.130	HH	912	9658	0.15%	0.002%
41	3.143	3.130	3.164	HH	1613	19163	0.29%	0.004%
42	3.178	3.164	3.190	HH	1599	16705	0.25%	0.003%
43	3.204	3.190	3.219	HH	1578	19959	0.30%	0.004%
44	3.233	3.219	3.246	HH	1443	15865	0.24%	0.003%
45	3.264	3.246	3.297	HH	4342	59468	0.90%	0.011%
46	3.332	3.297	3.357	HH	3655	68817	1.04%	0.013%
47	3.378	3.357	3.410	HH	7539	144824	2.20%	0.027%
48	3.443	3.410	3.467	HH	12444	177036	2.69%	0.033%
49	3.487	3.467	3.507	HH	4153	65031	0.99%	0.012%
50	3.526	3.507	3.549	HH	10163	111721	1.70%	0.021%
51	3.586	3.549	3.594	HH	6752	106174	1.61%	0.020%
52	3.604	3.594	3.625	HH	7434	91804	1.39%	0.017%
53	3.643	3.625	3.650	HH	4277	47096	0.71%	0.009%
54	3.664	3.650	3.669	HH	5746	56889	0.86%	0.010%
55	3.681	3.669	3.704	HH	7711	118496	1.80%	0.022%
56	3.721	3.704	3.734	HH	7189	108180	1.64%	0.020%
57	3.748	3.734	3.775	HH	8387	143978	2.18%	0.027%
58	3.790	3.775	3.801	HH	6736	76757	1.16%	0.014%
59	3.813	3.801	3.828	HH	5636	80455	1.22%	0.015%
60	3.864	3.828	3.882	HH	8398	226165	3.43%	0.042%
61	3.901	3.882	3.932	HH	12812	206770	3.14%	0.038%
62	3.968	3.932	3.988	HH	15805	248516	3.77%	0.046%
63	4.020	3.988	4.032	HH	12205	230614	3.50%	0.043%
64	4.046	4.032	4.062	HH	10912	160158	2.43%	0.030%
65	4.073	4.062	4.082	HH	8774	99468	1.51%	0.018%
66	4.090	4.082	4.103	HH	8548	92976	1.41%	0.017%
67	4.121	4.103	4.159	HH	15898	296742	4.50%	0.055%
68	4.194	4.159	4.199	HH	8039	141357	2.14%	0.026%
69	4.218	4.199	4.230	HH	13914	210402	3.19%	0.039%
70	4.248	4.230	4.295	HH	25325	628319	9.53%	0.116%
71	4.314	4.295	4.341	HH	35573	546753	8.30%	0.101%
72	4.380	4.341	4.398	HH	18802	523893	7.95%	0.097%
73	4.419	4.398	4.425	HH	17499	236815	3.59%	0.044%
74	4.449	4.425	4.464	HH	21634	444852	6.75%	0.082%
75	4.473	4.464	4.494	HH	19071	288779	4.38%	0.053%
76	4.515	4.494	4.550	HH	28064	608676	9.24%	0.112%
77	4.566	4.550	4.570	HH	11343	123099	1.87%	0.023%
78	4.583	4.570	4.597	HH	14053	194701	2.95%	0.036%
79	4.612	4.597	4.623	HH	14708	190345	2.89%	0.035%
80	4.636	4.623	4.647	HH	16659	205612	3.12%	0.038%
81	4.671	4.647	4.688	HH	21724	410777	6.23%	0.076%
82	4.696	4.688	4.713	HH	15008	196065	2.98%	0.036%
83	4.740	4.713	4.746	HH	20175	289832	4.40%	0.053%
84	4.759	4.746	4.790	HH	28247	571963	8.68%	0.105%
85	4.808	4.790	4.830	HH	18910	359496	5.45%	0.066%
86	4.858	4.830	4.871	HH	20257	363457	5.52%	0.067%
87	4.885	4.871	4.899	HH	17107	263841	4.00%	0.049%
88	4.911	4.899	4.938	HH	16373	369885	5.61%	0.068%
89	4.958	4.938	4.966	HH	17073	268970	4.08%	0.050%

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90	4.979	4.966	4.988	HH	19537	235669	3.58%	0.043%
91	4.997	4.988	5.015	HH	19863	277734	4.21%	0.051%
92	5.031	5.015	5.047	HH	16805	283350	4.30%	0.052%
93	5.057	5.047	5.077	HH	13621	212120	3.22%	0.039%
94	5.100	5.077	5.121	HH	40387	607078	9.21%	0.112%
95	5.129	5.121	5.150	HH	14816	250217	3.80%	0.046%
96	5.163	5.150	5.190	HH	16567	329888	5.01%	0.061%
97	5.211	5.190	5.224	HH	14679	266202	4.04%	0.049%
98	5.256	5.224	5.276	HH	37170	653520	9.92%	0.120%
99	5.282	5.276	5.295	HH	16816	182707	2.77%	0.034%
100	5.312	5.295	5.326	HH	14540	252294	3.83%	0.047%
101	5.337	5.326	5.357	HH	15515	241917	3.67%	0.045%
102	5.377	5.357	5.391	HH	19196	309482	4.70%	0.057%
103	5.399	5.391	5.417	HH	16172	205821	3.12%	0.038%
104	5.436	5.417	5.463	HH	13396	311920	4.73%	0.058%
105	5.475	5.463	5.482	HH	11677	123963	1.88%	0.023%
106	5.493	5.482	5.518	HH	13116	220119	3.34%	0.041%
107	5.543	5.518	5.554	HH	13107	215483	3.27%	0.040%
108	5.560	5.554	5.569	HH	10998	93711	1.42%	0.017%
109	5.587	5.569	5.606	HH	12517	251420	3.81%	0.046%
110	5.614	5.606	5.626	HH	9936	113730	1.73%	0.021%
111	5.641	5.626	5.658	HH	10824	180035	2.73%	0.033%
112	5.677	5.658	5.696	HH	10078	204652	3.11%	0.038%
113	5.713	5.696	5.732	HH	11075	207631	3.15%	0.038%
114	5.781	5.732	5.789	HH	11208	328039	4.98%	0.060%
115	5.805	5.789	5.851	HH	11365	341922	5.19%	0.063%
116	5.872	5.851	5.895	HH	9169	208808	3.17%	0.038%
117	5.900	5.895	5.924	HH	6830	115533	1.75%	0.021%
118	5.947	5.924	5.982	HH	10422	275698	4.18%	0.051%
119	5.993	5.982	6.065	HH	7565	298084	4.52%	0.055%
120	6.089	6.065	6.116	HH	6605	166129	2.52%	0.031%
121	6.155	6.116	6.171	HH	5319	151741	2.30%	0.028%
122	6.184	6.171	6.197	HH	4840	68238	1.04%	0.013%
123	6.217	6.197	6.269	HH	9948	256731	3.90%	0.047%
124	6.287	6.269	6.294	HH	4192	59866	0.91%	0.011%
125	6.306	6.294	6.335	HH	4595	100519	1.53%	0.019%
126	6.354	6.335	6.368	HH	4195	75140	1.14%	0.014%
127	6.376	6.368	6.390	HH	3829	49263	0.75%	0.009%
128	6.407	6.390	6.423	HH	3733	67076	1.02%	0.012%
129	6.448	6.423	6.467	HH	3848	90832	1.38%	0.017%
130	6.472	6.467	6.488	HH	3257	38625	0.59%	0.007%
131	6.505	6.488	6.520	HH	4048	66328	1.01%	0.012%
132	6.541	6.520	6.557	HH	4566	84001	1.27%	0.015%
133	6.575	6.557	6.604	HH	4166	105833	1.61%	0.020%
134	6.621	6.604	6.636	HH	3773	69150	1.05%	0.013%
135	6.658	6.636	6.684	HH	3927	103991	1.58%	0.019%
136	6.696	6.684	6.735	HH	3710	100715	1.53%	0.019%
137	6.766	6.735	6.805	HH	6566	168602	2.56%	0.031%
138	6.827	6.805	6.840	HH	3813	72351	1.10%	0.013%
139	6.854	6.840	6.882	HH	3988	92989	1.41%	0.017%
140	6.886	6.882	6.905	HH	3543	45316	0.69%	0.008%
141	6.933	6.905	6.958	HH	3646	105279	1.60%	0.019%

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142	6.972	6.958	6.978	HH	3555	42812	0.65%	0.008%	
143	6.995	6.978	7.019	HH	3772	87456	1.33%	0.016%	
144	7.042	7.019	7.055	HH	3825	78820	1.20%	0.015%	
145	7.069	7.055	7.079	HH	3791	53382	0.81%	0.010%	
146	7.104	7.079	7.130	HH	4151	118929	1.80%	0.022%	
147	7.157	7.130	7.182	HH	4583	123974	1.88%	0.023%	
148	7.204	7.182	7.210	HH	3584	59651	0.91%	0.011%	
149	7.215	7.210	7.227	HH	3641	35349	0.54%	0.007%	
150	7.253	7.227	7.280	HH	5553	137601	2.09%	0.025%	
151	7.311	7.280	7.325	HH	4212	105014	1.59%	0.019%	
152	7.342	7.325	7.353	HH	3853	63525	0.96%	0.012%	
153	7.374	7.353	7.382	HH	4167	69025	1.05%	0.013%	
154	7.399	7.382	7.420	HH	4882	103574	1.57%	0.019%	
155	7.440	7.420	7.469	HH	5023	133848	2.03%	0.025%	
156	7.493	7.469	7.504	HH	4493	88150	1.34%	0.016%	
157	7.529	7.504	7.543	HH	4914	108673	1.65%	0.020%	
158	7.572	7.543	7.594	HH	5695	157042	2.38%	0.029%	
159	7.600	7.594	7.615	HH	4900	61194	0.93%	0.011%	
160	7.634	7.615	7.651	HH	5428	108939	1.65%	0.020%	
161	7.673	7.651	7.692	HH	8077	155880	2.37%	0.029%	
162	7.711	7.692	7.741	HH	6049	161091	2.44%	0.030%	
163	7.759	7.741	7.769	HH	5525	87401	1.33%	0.016%	
164	7.786	7.769	7.799	HH	6021	102006	1.55%	0.019%	
165	7.827	7.799	7.848	HH	9206	219082	3.32%	0.040%	
166	7.851	7.848	7.875	HH	7186	112493	1.71%	0.021%	
167	7.898	7.875	7.905	HH	6965	122013	1.85%	0.022%	
168	7.928	7.905	7.975	HH	62643	1229038	18.65%	0.227%	
169	7.986	7.975	8.077	HH	17209	706330	10.72%	0.130%	
170	8.090	8.077	8.144	HH	9336	334482	5.08%	0.062%	
171	8.171	8.144	8.182	HH	7307	164771	2.50%	0.030%	
172	8.209	8.182	8.245	HH	9029	300775	4.56%	0.055%	
173	8.278	8.245	8.311	HH	10979	356448	5.41%	0.066%	
174	8.321	8.311	8.330	HH	8710	96220	1.46%	0.018%	
175	8.345	8.330	8.366	HH	9762	197209	2.99%	0.036%	
176	8.386	8.366	8.428	HH	11252	351450	5.33%	0.065%	
177	8.447	8.428	8.473	HH	9570	233009	3.54%	0.043%	
178	8.512	8.473	8.530	HH	9578	312572	4.74%	0.058%	
179	8.572	8.530	8.597	HH	10618	386286	5.86%	0.071%	
180	8.601	8.597	8.610	HH	9301	73780	1.12%	0.014%	
181	8.623	8.610	8.658	HH	9626	262693	3.99%	0.048%	
182	8.687	8.658	8.720	HH	9998	351718	5.34%	0.065%	
183	8.747	8.720	8.770	HH	10275	290721	4.41%	0.054%	
184	8.789	8.770	8.799	HH	9570	162305	2.46%	0.030%	
185	8.814	8.799	8.828	HH	9809	165903	2.52%	0.031%	
186	8.858	8.828	8.884	HH	10990	333873	5.07%	0.062%	
187	8.902	8.884	8.914	HH	10360	185278	2.81%	0.034%	
188	8.945	8.914	8.971	HH	11105	353986	5.37%	0.065%	
189	8.998	8.971	9.015	HH	11316	289217	4.39%	0.053%	
190	9.032	9.015	9.062	HH	11902	312592	4.74%	0.058%	
191	9.109	9.062	9.170	HH	13853	793568	12.04%	0.146%	
192	9.182	9.170	9.190	HH	12615	152106	2.31%	0.028%	
193	9.207	9.190	9.247	HH	13106	425386	6.45%	0.078%	
194	9.282	9.247	9.314	HH	13128	497978	7.56%	0.092%	

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195	9.356	9.314	9.364	HH	13395	382856	5.81%	0.071%
196	9.394	9.364	9.425	HH	14503	505258	7.67%	0.093%
197	9.449	9.425	9.474	HH	16076	431593	6.55%	0.080%
198	9.483	9.474	9.506	HH	14716	275453	4.18%	0.051%
199	9.525	9.506	9.545	HH	14397	335614	5.09%	0.062%
200	9.566	9.545	9.573	HH	14868	235219	3.57%	0.043%
201	9.615	9.573	9.624	HH	15227	452260	6.86%	0.083%
202	9.628	9.624	9.648	HH	15409	219831	3.34%	0.041%
203	9.669	9.648	9.697	HH	15794	442976	6.72%	0.082%
204	9.712	9.697	9.725	HH	14960	242978	3.69%	0.045%
205	9.748	9.725	9.758	HH	15847	304385	4.62%	0.056%
206	9.833	9.758	9.869	HH	19903	1152881	17.49%	0.213%
207	9.891	9.869	9.930	HH	19311	684041	10.38%	0.126%
208	9.960	9.930	10.000	HH	21496	812838	12.33%	0.150%
209	10.009	10.000	10.020	HH	18722	223777	3.40%	0.041%
210	10.052	10.020	10.062	HH	20352	485299	7.36%	0.089%
211	10.107	10.062	10.133	HH	23977	944285	14.33%	0.174%
212	10.151	10.133	10.160	HH	22366	348038	5.28%	0.064%
213	10.178	10.160	10.200	HH	23013	531199	8.06%	0.098%
214	10.250	10.200	10.274	HH	29887	1090540	16.55%	0.201%
215	10.283	10.274	10.296	HH	23717	294161	4.46%	0.054%
216	10.312	10.296	10.340	HH	23506	602068	9.14%	0.111%
217	10.392	10.340	10.418	HH	24873	1073654	16.29%	0.198%
218	10.434	10.418	10.447	HH	24358	405875	6.16%	0.075%
219	10.470	10.447	10.555	HH	32647	1832500	27.81%	0.338%
220	10.566	10.555	10.574	HH	26129	289628	4.39%	0.053%
221	10.590	10.574	10.612	HH	26208	585410	8.88%	0.108%
222	10.642	10.612	10.661	HH	26155	750533	11.39%	0.138%
223	10.674	10.661	10.682	HH	26007	320024	4.86%	0.059%
224	10.707	10.682	10.716	HH	26212	522757	7.93%	0.096%
225	10.742	10.716	10.768	HH	26553	803997	12.20%	0.148%
226	10.792	10.768	10.809	HH	26951	640343	9.72%	0.118%
227	10.825	10.809	10.851	HH	28735	708507	10.75%	0.131%
228	10.875	10.851	10.895	HH	31092	781015	11.85%	0.144%
229	10.903	10.895	10.907	HH	28788	200845	3.05%	0.037%
230	10.928	10.907	10.941	HH	30373	607533	9.22%	0.112%
231	10.968	10.941	10.992	HH	36405	976701	14.82%	0.180%
232	11.020	10.992	11.062	HH	31033	1218644	18.49%	0.225%
233	11.082	11.062	11.098	HH	30064	621734	9.43%	0.115%
234	11.103	11.098	11.119	HH	29312	362651	5.50%	0.067%
235	11.151	11.119	11.158	HH	32046	734277	11.14%	0.135%
236	11.165	11.158	11.192	HH	32210	623435	9.46%	0.115%
237	11.212	11.192	11.223	HH	30212	559128	8.48%	0.103%
238	11.270	11.223	11.295	HH	32839	1348520	20.46%	0.249%
239	11.335	11.295	11.357	HH	37812	1301463	19.75%	0.240%
240	11.364	11.357	11.390	HH	35290	694124	10.53%	0.128%
241	11.410	11.390	11.422	HH	34979	659453	10.01%	0.122%
242	11.427	11.422	11.434	HH	34942	243488	3.69%	0.045%
243	11.456	11.434	11.490	HH	36443	1190681	18.07%	0.220%
244	11.530	11.490	11.561	HH	37693	1518556	23.04%	0.280%
245	11.567	11.561	11.594	HH	35032	668112	10.14%	0.123%
246	11.612	11.594	11.630	HH	35743	763002	11.58%	0.141%

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247	11.660	11.630	11.713	HH	38609	1774961	26.93%	0.327%
248	11.763	11.713	11.779	HH	38483	1468533	22.28%	0.271%
249	11.792	11.779	11.804	HH	38706	574030	8.71%	0.106%
250	11.824	11.804	11.866	HH	39389	1426013	21.64%	0.263%
251	11.878	11.866	11.882	HH	36803	341753	5.19%	0.063%
252	11.886	11.882	11.890	HH	36636	167823	2.55%	0.031%
253	11.915	11.890	11.967	HH	41192	1818510	27.59%	0.335%
254	12.013	11.967	12.029	HH	40240	1444507	21.92%	0.266%
255	12.053	12.029	12.067	HH	41266	920543	13.97%	0.170%
256	12.090	12.067	12.096	HH	42404	712670	10.81%	0.131%
257	12.100	12.096	12.117	HH	42326	517532	7.85%	0.095%
258	12.143	12.117	12.165	HH	48121	1307213	19.84%	0.241%
259	12.183	12.165	12.238	HH	50416	1979095	30.03%	0.365%
260	12.263	12.238	12.342	HH	72555	3270458	49.63%	0.603%
261	12.374	12.342	12.410	HH	46099	1786841	27.11%	0.329%
262	12.459	12.410	12.499	HH	45714	2323748	35.26%	0.428%
263	12.509	12.499	12.523	HH	44441	636168	9.65%	0.117%
264	12.556	12.523	12.611	HH	82759	3068211	46.56%	0.566%
265	12.621	12.611	12.640	HH	50078	860296	13.05%	0.159%
266	12.683	12.640	12.706	HH	53853	2022317	30.69%	0.373%
267	12.712	12.706	12.735	HH	50126	867724	13.17%	0.160%
268	12.744	12.735	12.759	HH	49543	703907	10.68%	0.130%
269	12.797	12.759	12.815	HH	53386	1668228	25.31%	0.308%
270	12.835	12.815	12.866	HH	53032	1573311	23.87%	0.290%
271	12.888	12.866	12.918	HH	57187	1693998	25.70%	0.312%
272	12.926	12.918	12.951	HH	53136	1020584	15.49%	0.188%
273	12.973	12.951	12.980	HH	51105	896782	13.61%	0.165%
274	13.033	12.980	13.045	HH	56349	2085768	31.65%	0.385%
275	13.050	13.045	13.054	HH	54868	286389	4.35%	0.053%
276	13.062	13.054	13.110	HH	55974	1793928	27.22%	0.331%
277	13.141	13.110	13.154	HH	53384	1367716	20.75%	0.252%
278	13.177	13.154	13.225	HH	57479	2337415	35.47%	0.431%
279	13.232	13.225	13.237	HH	52669	367310	5.57%	0.068%
280	13.245	13.237	13.254	HH	52966	524952	7.97%	0.097%
281	13.258	13.254	13.263	HH	52969	305393	4.63%	0.056%
282	13.307	13.263	13.313	HH	60101	1665015	25.26%	0.307%
283	13.334	13.313	13.360	HH	67316	1795670	27.25%	0.331%
284	13.375	13.360	13.410	HH	60858	1737077	26.36%	0.320%
285	13.428	13.410	13.461	HH	63011	1851761	28.10%	0.341%
286	13.474	13.461	13.483	HH	59930	774982	11.76%	0.143%
287	13.503	13.483	13.539	HH	61312	1949607	29.58%	0.359%
288	13.550	13.539	13.562	HH	56394	784336	11.90%	0.145%
289	13.611	13.562	13.640	HH	60371	2696406	40.91%	0.497%
290	13.659	13.640	13.664	HH	56998	791449	12.01%	0.146%
291	13.687	13.664	13.727	HH	58366	2173057	32.97%	0.401%
292	13.750	13.727	13.771	HH	64468	1613369	24.48%	0.297%
293	13.788	13.771	13.829	HH	61942	2052926	31.15%	0.378%
294	13.852	13.829	13.883	HH	66467	2018769	30.63%	0.372%
295	13.889	13.883	13.899	HH	61489	608826	9.24%	0.112%
296	13.903	13.899	13.912	HH	60673	463637	7.04%	0.085%
297	13.937	13.912	13.958	HH	69526	1783178	27.06%	0.329%
298	13.984	13.958	14.018	HH	69562	2402088	36.45%	0.443%
299	14.031	14.018	14.050	HH	65851	1251301	18.99%	0.231%

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300	14.067	14.050	14.074	HH	65298	903375	13.71%	0.167%
301	14.085	14.074	14.108	HH	67165	1339580	20.33%	0.247%
302	14.135	14.108	14.146	HH	68271	1534297	23.28%	0.283%
303	14.182	14.146	14.220	HH	72683	3043179	46.18%	0.561%
304	14.236	14.220	14.243	HH	67357	899510	13.65%	0.166%
305	14.274	14.243	14.313	HH	201079	4613517	70.00%	0.851%
306	14.321	14.313	14.327	HH	68102	559539	8.49%	0.103%
307	14.330	14.327	14.344	HH	67882	668811	10.15%	0.123%
308	14.353	14.344	14.385	HH	66840	1635562	24.82%	0.302%
309	14.406	14.385	14.421	HH	66277	1383274	20.99%	0.255%
310	14.482	14.421	14.548	HH	86621	5808826	88.14%	1.071%
311	14.565	14.548	14.595	HH	72809	2010952	30.51%	0.371%
312	14.610	14.595	14.643	HH	72920	1990811	30.21%	0.367%
313	14.647	14.643	14.650	HH	67223	299853	4.55%	0.055%
314	14.662	14.650	14.678	HH	69339	1114354	16.91%	0.205%
315	14.688	14.678	14.694	HH	68969	658376	9.99%	0.121%
316	14.699	14.694	14.710	HH	68954	669575	10.16%	0.123%
317	14.724	14.710	14.730	HH	69315	822760	12.48%	0.152%
318	14.747	14.730	14.769	HH	72530	1648104	25.01%	0.304%
319	14.779	14.769	14.795	HH	72054	1125629	17.08%	0.208%
320	14.825	14.795	14.831	HH	71163	1500149	22.76%	0.277%
321	14.874	14.831	14.947	HH	107842	5712490	86.68%	1.053%
322	14.957	14.947	14.969	HH	72164	921939	13.99%	0.170%
323	15.008	14.969	15.030	HH	103175	3189481	48.40%	0.588%
324	15.041	15.030	15.075	HH	83687	2109601	32.01%	0.389%
325	15.091	15.075	15.105	HH	75677	1346486	20.43%	0.248%
326	15.127	15.105	15.161	HH	78456	2558202	38.82%	0.472%
327	15.190	15.161	15.210	HH	76257	2154931	32.70%	0.397%
328	15.230	15.210	15.235	HH	75420	1126379	17.09%	0.208%
329	15.241	15.235	15.245	HH	75106	446570	6.78%	0.082%
330	15.281	15.245	15.285	HH	78228	1831528	27.79%	0.338%
331	15.293	15.285	15.302	HH	79064	775295	11.76%	0.143%
332	15.320	15.302	15.342	HH	80426	1870558	28.38%	0.345%
333	15.347	15.342	15.359	HH	75595	772578	11.72%	0.142%
334	15.365	15.359	15.370	HH	75341	517970	7.86%	0.095%
335	15.382	15.370	15.400	HH	76562	1336759	20.28%	0.246%
336	15.415	15.400	15.427	HH	77854	1258052	19.09%	0.232%
337	15.433	15.427	15.435	HH	74893	330018	5.01%	0.061%
338	15.494	15.435	15.522	HH	98067	4304098	65.31%	0.794%
339	15.539	15.522	15.554	HH	78701	1478577	22.44%	0.273%
340	15.572	15.554	15.587	HH	80813	1593925	24.19%	0.294%
341	15.594	15.587	15.616	HH	78431	1339924	20.33%	0.247%
342	15.622	15.616	15.629	HH	75965	565580	8.58%	0.104%
343	15.662	15.629	15.685	HH	81745	2672196	40.55%	0.493%
344	15.721	15.685	15.739	HH	85065	2625428	39.84%	0.484%
345	15.748	15.739	15.755	HH	82565	768965	11.67%	0.142%
346	15.774	15.755	15.784	HH	84590	1438594	21.83%	0.265%
347	15.809	15.784	15.835	HH	88337	2645028	40.14%	0.488%
348	15.853	15.835	15.862	HH	83945	1323103	20.08%	0.244%
349	15.895	15.862	15.932	HH	92439	3683701	55.90%	0.679%
350	15.939	15.932	15.945	HH	84405	650469	9.87%	0.120%
351	15.974	15.945	16.000	HH	108198	3103951	47.10%	0.572%

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352	16.021	16.000	16.050	HH	104585	2887760	43.82%	0.532%
353	16.056	16.050	16.076	HH	94931	1456721	22.10%	0.269%
354	16.080	16.076	16.094	HH	91022	993397	15.07%	0.183%
355	16.117	16.094	16.140	HH	98668	2538755	38.52%	0.468%
356	16.159	16.140	16.175	HH	92911	1939314	29.43%	0.358%
357	16.183	16.175	16.203	HH	91936	1497765	22.73%	0.276%
358	16.218	16.203	16.229	HH	91259	1394785	21.16%	0.257%
359	16.265	16.229	16.274	HH	93940	2429053	36.86%	0.448%
360	16.283	16.274	16.303	HH	92305	1575841	23.91%	0.291%
361	16.338	16.303	16.343	HH	100648	2256817	34.24%	0.416%
362	16.347	16.343	16.390	HH	100459	2710580	41.13%	0.500%
363	16.438	16.390	16.461	HH	132809	4673502	70.91%	0.862%
364	16.480	16.461	16.504	HH	114014	2703622	41.02%	0.498%
365	16.515	16.504	16.559	HH	98900	3152174	47.83%	0.581%
366	16.569	16.559	16.576	HH	93939	964894	14.64%	0.178%
367	16.580	16.576	16.584	HH	93513	452926	6.87%	0.084%
368	16.600	16.584	16.618	HH	97117	1949109	29.58%	0.359%
369	16.642	16.618	16.695	HH	102856	4474203	67.89%	0.825%
370	16.715	16.695	16.719	HH	96436	1394846	21.17%	0.257%
371	16.729	16.719	16.747	HH	100323	1653222	25.09%	0.305%
372	16.768	16.747	16.780	HH	98413	1944697	29.51%	0.359%
373	16.813	16.780	16.864	HH	108911	5075736	77.02%	0.936%
374	16.890	16.864	16.915	HH	130357	3493788	53.01%	0.644%
375	16.924	16.915	16.944	HH	100559	1724194	26.16%	0.318%
376	16.961	16.944	16.970	HH	100273	1557462	23.63%	0.287%
377	16.975	16.970	17.019	HH	98860	2812364	42.67%	0.518%
378	17.043	17.019	17.047	HH	99678	1640178	24.89%	0.302%
379	17.051	17.047	17.057	HH	100075	614757	9.33%	0.113%
380	17.066	17.057	17.112	HH	100083	3217740	48.83%	0.593%
381	17.119	17.112	17.124	HH	95539	671484	10.19%	0.124%
382	17.137	17.124	17.158	HH	96817	1953838	29.65%	0.360%
383	17.166	17.158	17.174	HH	95846	871605	13.23%	0.161%
384	17.198	17.174	17.216	HH	100745	2504400	38.00%	0.462%
385	17.225	17.216	17.241	HH	99698	1441778	21.88%	0.266%
386	17.272	17.241	17.287	HH	103480	2770664	42.04%	0.511%
387	17.292	17.287	17.301	HH	102155	835597	12.68%	0.154%
388	17.325	17.301	17.358	HH	125815	3759950	57.05%	0.693%
389	17.377	17.358	17.387	HH	96983	1653204	25.09%	0.305%
390	17.430	17.387	17.455	HH	119447	4348442	65.98%	0.802%
391	17.462	17.455	17.486	HH	106242	1883144	28.57%	0.347%
392	17.490	17.486	17.508	HH	98624	1264823	19.19%	0.233%
393	17.529	17.508	17.550	HH	98705	2465855	37.42%	0.455%
394	17.559	17.550	17.577	HH	96052	1494664	22.68%	0.276%
395	17.600	17.577	17.605	HH	101712	1702274	25.83%	0.314%
396	17.626	17.605	17.640	HH	105116	2157343	32.74%	0.398%
397	17.654	17.640	17.659	HH	105127	1172808	17.80%	0.216%
398	17.701	17.659	17.724	HH	118761	4299999	65.25%	0.793%
399	17.748	17.724	17.773	HH	132088	3420844	51.91%	0.631%
400	17.800	17.773	17.821	HH	117666	3192849	48.45%	0.589%
401	17.834	17.821	17.880	HH	109787	3669780	55.68%	0.677%
402	17.888	17.880	17.914	HH	97728	1949461	29.58%	0.359%
403	17.931	17.914	17.935	HH	98029	1208940	18.34%	0.223%
404	17.947	17.935	17.983	HH	100407	2787008	42.29%	0.514%

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405	17.989	17.983	17.996	HH	96273	723444	10.98%	0.133%
406	18.009	17.996	18.032	HH	98384	2149662	32.62%	0.396%
407	18.054	18.032	18.104	HH	105770	4258044	64.61%	0.785%
408	18.156	18.104	18.203	HH	122224	6302759	95.64%	1.162%
409	18.215	18.203	18.235	HH	103258	1931353	29.31%	0.356%
410	18.270	18.235	18.293	HH	107363	3557995	53.99%	0.656%
411	18.308	18.293	18.345	HH	102025	3041318	46.15%	0.561%
412	18.356	18.345	18.376	HH	93762	1687856	25.61%	0.311%
413	18.396	18.376	18.404	HH	95960	1587115	24.08%	0.293%
414	18.408	18.404	18.414	HH	96044	607098	9.21%	0.112%
415	18.421	18.414	18.430	HH	95810	891425	13.53%	0.164%
416	18.437	18.430	18.467	HH	94932	2065005	31.33%	0.381%
417	18.510	18.467	18.527	HH	114733	3803103	57.71%	0.701%
418	18.551	18.527	18.603	HH	124695	4983697	75.62%	0.919%
419	18.621	18.603	18.640	HH	99606	2192140	33.26%	0.404%
420	18.649	18.640	18.670	HH	95404	1699750	25.79%	0.313%
421	18.684	18.670	18.689	HH	95842	1071970	16.27%	0.198%
422	18.710	18.689	18.727	HH	101502	2245745	34.08%	0.414%
423	18.742	18.727	18.777	HH	102665	2965209	44.99%	0.547%
424	18.789	18.777	18.810	HH	97475	1944436	29.50%	0.358%
425	18.818	18.810	18.823	HH	95272	720924	10.94%	0.133%
426	18.828	18.823	18.837	HH	95971	798988	12.12%	0.147%
427	18.844	18.837	18.865	HH	96705	1578323	23.95%	0.291%
428	18.876	18.865	18.894	HH	93949	1641854	24.91%	0.303%
429	18.937	18.894	18.971	HH	108962	4471702	67.85%	0.824%
430	18.977	18.971	18.995	HH	94905	1404438	21.31%	0.259%
431	19.000	18.995	19.006	HH	94608	614799	9.33%	0.113%
432	19.016	19.006	19.020	HH	96538	756982	11.49%	0.140%
433	19.029	19.020	19.033	HH	97434	801865	12.17%	0.148%
434	19.042	19.033	19.078	HH	100075	2593942	39.36%	0.478%
435	19.107	19.078	19.120	HH	95508	2358985	35.79%	0.435%
436	19.134	19.120	19.150	HH	94833	1631475	24.76%	0.301%
437	19.169	19.150	19.179	HH	94021	1602269	24.31%	0.295%
438	19.195	19.179	19.205	HH	95442	1520164	23.07%	0.280%
439	19.230	19.205	19.284	HH	112850	4831435	73.31%	0.891%
440	19.316	19.284	19.383	HH	111174	5997531	91.01%	1.106%
441	19.390	19.383	19.401	HH	94884	1010487	15.33%	0.186%
442	19.429	19.401	19.469	HH	98828	3933600	59.69%	0.725%
443	19.490	19.469	19.501	HH	95186	1809926	27.46%	0.334%
444	19.506	19.501	19.521	HH	94668	1158641	17.58%	0.214%
445	19.546	19.521	19.582	HH	105321	3611829	54.81%	0.666%
446	19.589	19.582	19.609	HH	96088	1495651	22.69%	0.276%
447	19.638	19.609	19.655	HH	101421	2699128	40.96%	0.498%
448	19.677	19.655	19.695	HH	103243	2482742	37.67%	0.458%
449	19.718	19.695	19.753	HH	114454	3677988	55.81%	0.678%
450	19.767	19.753	19.777	HH	98096	1373644	20.84%	0.253%
451	19.782	19.777	19.789	HH	98790	717184	10.88%	0.132%
452	19.794	19.789	19.798	HH	97674	520454	7.90%	0.096%
453	19.825	19.798	19.880	HH	118696	5143534	78.05%	0.948%
454	19.887	19.880	19.893	HH	96356	705962	10.71%	0.130%
455	19.912	19.893	19.927	HH	97752	1990025	30.20%	0.367%
456	19.938	19.927	19.957	HH	97253	1708606	25.93%	0.315%

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457	19.969	19.957	19.984	HH	97835	1580950	23.99%	0.291%
458	20.003	19.984	20.009	HH	97578	1436891	21.80%	0.265%
459	20.028	20.009	20.083	HH	103146	4464884	67.75%	0.823%
460	20.094	20.083	20.109	HH	99896	1509995	22.91%	0.278%
461	20.125	20.109	20.154	HH	101117	2719394	41.26%	0.501%
462	20.188	20.154	20.224	HH	119264	4466915	67.78%	0.824%
463	20.247	20.224	20.254	HH	101315	1795969	27.25%	0.331%
464	20.268	20.254	20.274	HH	100702	1212203	18.39%	0.223%
465	20.280	20.274	20.290	HH	100628	968096	14.69%	0.178%
466	20.305	20.290	20.319	HH	102840	1733718	26.31%	0.320%
467	20.330	20.319	20.348	HH	101759	1782403	27.05%	0.329%
468	20.375	20.348	20.414	HH	106874	4065810	61.69%	0.750%
469	20.421	20.414	20.428	HH	98865	815124	12.37%	0.150%
470	20.434	20.428	20.444	HH	98808	931308	14.13%	0.172%
471	20.452	20.444	20.459	HH	98344	901963	13.69%	0.166%
472	20.468	20.459	20.474	HH	97161	834810	12.67%	0.154%
473	20.494	20.474	20.506	HH	98360	1874558	28.44%	0.346%
474	20.529	20.506	20.551	HH	97102	2584947	39.22%	0.477%
475	20.558	20.551	20.566	HH	96600	885854	13.44%	0.163%
476	20.573	20.566	20.582	HH	96587	920882	13.97%	0.170%
477	20.590	20.582	20.608	HH	96453	1484231	22.52%	0.274%
478	20.647	20.608	20.692	HH	115586	5218266	79.18%	0.962%
479	20.710	20.692	20.715	HH	94546	1317209	19.99%	0.243%
480	20.742	20.715	20.814	HH	98996	5531889	83.94%	1.020%
481	20.823	20.814	20.840	HH	92106	1449493	21.99%	0.267%
482	20.845	20.840	20.850	HH	91895	564688	8.57%	0.104%
483	20.855	20.850	20.865	HH	91694	781106	11.85%	0.144%
484	20.872	20.865	20.883	HH	90583	971161	14.74%	0.179%
485	20.892	20.883	20.917	HH	89870	1814549	27.53%	0.335%
486	20.927	20.917	20.940	HH	89744	1265799	19.21%	0.233%
487	20.957	20.940	20.971	HH	90528	1639870	24.88%	0.302%
488	20.982	20.971	21.020	HH	88177	2554933	38.77%	0.471%
489	21.026	21.020	21.033	HH	87777	707207	10.73%	0.130%
490	21.040	21.033	21.057	HH	88105	1242549	18.85%	0.229%
491	21.069	21.057	21.084	HH	87562	1387984	21.06%	0.256%
492	21.097	21.084	21.110	HH	87236	1364775	20.71%	0.252%
493	21.179	21.110	21.228	HH	104878	6590307	100.00%	1.215%
494	21.232	21.228	21.247	HH	83491	970763	14.73%	0.179%
495	21.252	21.247	21.260	HHA	83425	704634	10.69%	0.130%

Sum of corrected areas: 542404589

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