

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040319\
 Data File : FF004078.D
 Signal(s) : FID2B.ch
 Acq On : 03 Apr 2019 12:27
 Sample : K2186-01 50X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040219.M
 Title :

Signal : FID2B.ch

peak #	R. T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.201	2.192	2.215	BV	281	1517	0.03%	0.001%
2	2.221	2.215	2.226	VV	59	226	0.00%	0.000%
3	2.228	2.226	2.230	VV	98	156	0.00%	0.000%
4	2.244	2.230	2.267	VV	205	2825	0.06%	0.003%
5	2.271	2.267	2.299	VV	147	1745	0.03%	0.002%
6	2.304	2.299	2.309	VV	108	372	0.01%	0.000%
7	2.321	2.309	2.339	PV	115	998	0.02%	0.001%
8	2.375	2.339	2.394	VV	247	4603	0.09%	0.004%
9	2.406	2.394	2.422	VV	264	2744	0.06%	0.003%
10	2.427	2.422	2.434	VV	186	1134	0.02%	0.001%
11	2.444	2.434	2.457	VV	346	3406	0.07%	0.003%
12	2.468	2.457	2.512	VV	498	5975	0.12%	0.006%
13	2.540	2.512	2.549	VV	162	2421	0.05%	0.002%
14	2.568	2.549	2.585	VV	443	5736	0.11%	0.006%
15	2.589	2.585	2.607	VV	250	2395	0.05%	0.002%
16	2.611	2.607	2.637	VV	106	1028	0.02%	0.001%
17	2.671	2.637	2.679	PV	665	10908	0.22%	0.010%
18	2.681	2.679	2.685	VV	848	2155	0.04%	0.002%
19	2.687	2.685	2.735	VV	615	10804	0.22%	0.010%
20	2.760	2.735	2.798	VV	475	11842	0.24%	0.011%
21	2.816	2.798	2.821	VV	434	4712	0.09%	0.005%
22	2.839	2.821	2.856	VV	648	9346	0.19%	0.009%
23	2.865	2.856	2.912	VV	468	9827	0.20%	0.009%
24	2.939	2.912	3.044	VV	4143	142793	2.86%	0.137%
25	3.047	3.044	3.091	VV	720	17074	0.34%	0.016%
26	3.097	3.091	3.103	VV	572	3800	0.08%	0.004%
27	3.117	3.103	3.141	VV	673	13354	0.27%	0.013%
28	3.149	3.141	3.181	VV	638	10921	0.22%	0.010%
29	3.204	3.181	3.256	VV	1154	26478	0.53%	0.025%
30	3.259	3.256	3.289	VV	321	5431	0.11%	0.005%
31	3.301	3.289	3.311	VV	231	2824	0.06%	0.003%
32	3.323	3.311	3.342	VV	304	3942	0.08%	0.004%
33	3.361	3.342	3.373	VV	264	3605	0.07%	0.003%
34	3.376	3.373	3.385	VV	246	1158	0.02%	0.001%
35	3.389	3.385	3.419	VV	181	2515	0.05%	0.002%
36	3.436	3.419	3.455	VV	263	2859	0.06%	0.003%

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37	3.466	3.455	3.478	VV	200	2113	0.04%	0.002%
38	3.482	3.478	3.547	VV	235	4177	0.08%	0.004%
39	3.552	3.547	3.576	VV	122	911	0.02%	0.001%
40	3.582	3.576	3.584	VV	110	327	0.01%	0.000%
41	3.591	3.584	3.609	VV	170	1437	0.03%	0.001%
42	3.612	3.609	3.625	VV	91	688	0.01%	0.001%
43	3.648	3.625	3.677	VV	536	7141	0.14%	0.007%
44	3.682	3.677	3.694	VV	199	1018	0.02%	0.001%
45	3.742	3.694	3.778	VV	762	22868	0.46%	0.022%
46	3.791	3.778	3.849	VV	517	11853	0.24%	0.011%
47	3.855	3.849	3.867	VV	136	1244	0.02%	0.001%
48	3.904	3.867	3.945	VV	921	20172	0.40%	0.019%
49	3.952	3.945	3.961	VV	295	2081	0.04%	0.002%
50	3.989	3.961	3.994	VV	252	3807	0.08%	0.004%
51	3.998	3.994	4.002	VV	200	710	0.01%	0.001%
52	4.043	4.002	4.067	VV	6894	110743	2.22%	0.106%
53	4.079	4.067	4.184	VV	3236	115244	2.31%	0.111%
54	4.194	4.184	4.236	VV	876	19037	0.38%	0.018%
55	4.243	4.236	4.252	VV	501	4649	0.09%	0.004%
56	4.263	4.252	4.277	VV	660	7517	0.15%	0.007%
57	4.291	4.277	4.318	VV	703	11823	0.24%	0.011%
58	4.332	4.318	4.354	VV	339	5637	0.11%	0.005%
59	4.359	4.354	4.382	VV	295	4432	0.09%	0.004%
60	4.391	4.382	4.421	VV	375	7074	0.14%	0.007%
61	4.440	4.421	4.466	VV	537	10122	0.20%	0.010%
62	4.473	4.466	4.484	VV	346	3256	0.07%	0.003%
63	4.508	4.484	4.631	VV	6091	132952	2.67%	0.128%
64	4.666	4.631	4.686	VV	410	11145	0.22%	0.011%
65	4.690	4.686	4.727	VV	328	5426	0.11%	0.005%
66	4.756	4.727	4.782	VV	453	9186	0.18%	0.009%
67	4.786	4.782	4.800	VV	225	1723	0.03%	0.002%
68	4.826	4.800	4.852	VV	290	6310	0.13%	0.006%
69	4.873	4.852	4.876	VV	257	2216	0.04%	0.002%
70	4.884	4.876	4.902	VV	278	2857	0.06%	0.003%
71	4.908	4.902	4.911	VV	135	487	0.01%	0.000%
72	4.968	4.911	4.996	VV	666	19769	0.40%	0.019%
73	5.015	4.996	5.022	VV	470	6397	0.13%	0.006%
74	5.028	5.022	5.032	VV	372	2049	0.04%	0.002%
75	5.042	5.032	5.079	VV	536	10222	0.20%	0.010%
76	5.100	5.079	5.137	VV	2135	45587	0.91%	0.044%
77	5.154	5.137	5.202	VV	2306	40562	0.81%	0.039%
78	5.208	5.202	5.235	VV	620	7884	0.16%	0.008%
79	5.243	5.235	5.249	VV	238	1678	0.03%	0.002%
80	5.275	5.249	5.322	VV	17631	240697	4.83%	0.231%
81	5.335	5.322	5.366	VV	1445	28748	0.58%	0.028%
82	5.385	5.366	5.499	VV	2062	57893	1.16%	0.056%
83	5.506	5.499	5.536	VV	300	4582	0.09%	0.004%
84	5.595	5.536	5.617	VV	2064	40945	0.82%	0.039%
85	5.652	5.617	5.748	VV	3661	91669	1.84%	0.088%
86	5.752	5.748	5.769	VV	209	1670	0.03%	0.002%
87	5.790	5.769	5.811	VV	193	3622	0.07%	0.003%
88	5.844	5.811	5.851	VV	633	9169	0.18%	0.009%
89	5.885	5.851	5.924	VV	1077	29834	0.60%	0.029%

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90	5. 945	5. 924	5. 960	VV	672	12573	0. 25%	0. 012%
91	5. 976	5. 960	6. 001	VV	677	12628	0. 25%	0. 012%
92	6. 004	6. 001	6. 018	VV	381	3339	0. 07%	0. 003%
93	6. 025	6. 018	6. 046	VV	342	3625	0. 07%	0. 003%
94	6. 064	6. 046	6. 077	VV	269	3056	0. 06%	0. 003%
95	6. 083	6. 077	6. 090	VV	128	518	0. 01%	0. 000%
96	6. 097	6. 090	6. 112	VV	157	1071	0. 02%	0. 001%
97	6. 118	6. 112	6. 124	PV	118	284	0. 01%	0. 000%
98	6. 140	6. 124	6. 154	PV	151	2048	0. 04%	0. 002%
99	6. 177	6. 154	6. 187	VV	235	3839	0. 08%	0. 004%
100	6. 207	6. 187	6. 229	VV	532	7803	0. 16%	0. 007%
101	6. 264	6. 229	6. 297	VV	12771	172096	3. 45%	0. 165%
102	6. 317	6. 297	6. 332	VV	8286	105955	2. 12%	0. 102%
103	6. 345	6. 332	6. 474	VV	7807	144303	2. 89%	0. 138%
104	6. 478	6. 474	6. 483	VV	323	1471	0. 03%	0. 001%
105	6. 494	6. 483	6. 523	VV	422	7653	0. 15%	0. 007%
106	6. 531	6. 523	6. 572	VV	289	5901	0. 12%	0. 006%
107	6. 586	6. 572	6. 591	VV	284	1871	0. 04%	0. 002%
108	6. 594	6. 591	6. 603	VV	243	1501	0. 03%	0. 001%
109	6. 646	6. 603	6. 687	VV	1046	29979	0. 60%	0. 029%
110	6. 712	6. 687	6. 727	VV	997	14494	0. 29%	0. 014%
111	6. 733	6. 727	6. 752	VV	625	8032	0. 16%	0. 008%
112	6. 767	6. 752	6. 777	VV	637	8408	0. 17%	0. 008%
113	6. 782	6. 777	6. 789	VV	410	2614	0. 05%	0. 003%
114	6. 800	6. 789	6. 821	VV	395	6531	0. 13%	0. 006%
115	6. 841	6. 821	6. 849	VV	975	11712	0. 23%	0. 011%
116	6. 869	6. 849	6. 902	VV	4622	70881	1. 42%	0. 068%
117	6. 911	6. 902	6. 924	VV	1058	13533	0. 27%	0. 013%
118	6. 952	6. 924	6. 974	VV	3409	56603	1. 13%	0. 054%
119	6. 991	6. 974	7. 007	VV	905	14584	0. 29%	0. 014%
120	7. 012	7. 007	7. 028	VV	719	6218	0. 12%	0. 006%
121	7. 049	7. 028	7. 093	VV	986	21595	0. 43%	0. 021%
122	7. 096	7. 093	7. 112	VV	400	3947	0. 08%	0. 004%
123	7. 121	7. 112	7. 126	VV	296	1872	0. 04%	0. 002%
124	7. 160	7. 126	7. 182	VV	3241	40644	0. 81%	0. 039%
125	7. 193	7. 182	7. 207	VV	702	8535	0. 17%	0. 008%
126	7. 227	7. 207	7. 270	VV	2628	42656	0. 86%	0. 041%
127	7. 296	7. 270	7. 344	VV	3807	48081	0. 96%	0. 046%
128	7. 367	7. 344	7. 391	VV	814	12004	0. 24%	0. 012%
129	7. 404	7. 391	7. 423	VV	499	5995	0. 12%	0. 006%
130	7. 445	7. 423	7. 483	VV	3638	48274	0. 97%	0. 046%
131	7. 503	7. 483	7. 547	VV	736	15737	0. 32%	0. 015%
132	7. 567	7. 547	7. 585	VV	921	10881	0. 22%	0. 010%
133	7. 589	7. 585	7. 600	VV	225	1552	0. 03%	0. 001%
134	7. 627	7. 600	7. 680	VV	4327	93135	1. 87%	0. 089%
135	7. 704	7. 680	7. 774	VV	2117	53933	1. 08%	0. 052%
136	7. 827	7. 774	7. 847	VV	1499	36296	0. 73%	0. 035%
137	7. 861	7. 847	7. 880	VV	1077	15717	0. 32%	0. 015%
138	7. 911	7. 880	7. 931	VV	1085	25088	0. 50%	0. 024%
139	7. 939	7. 931	7. 982	VV	998	22575	0. 45%	0. 022%
140	8. 004	7. 982	8. 009	VV	634	8868	0. 18%	0. 009%
141	8. 037	8. 009	8. 048	VV	833	15383	0. 31%	0. 015%

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142	8. 103	8. 048	8. 153	VV	2388	74107	1. 49%	0. 071%
143	8. 169	8. 153	8. 184	VV	906	13295	0. 27%	0. 013%
144	8. 215	8. 184	8. 286	VV	5592	110356	2. 21%	0. 106%
145	8. 307	8. 286	8. 332	VV	828	13620	0. 27%	0. 013%
146	8. 347	8. 332	8. 395	VV	529	7633	0. 15%	0. 007%
147	8. 451	8. 395	8. 469	PV	2514	39783	0. 80%	0. 038%
148	8. 485	8. 469	8. 500	VV	2348	35543	0. 71%	0. 034%
149	8. 509	8. 500	8. 534	VV	1862	27694	0. 56%	0. 027%
150	8. 557	8. 534	8. 627	VV	2089	77455	1. 55%	0. 074%
151	8. 640	8. 627	8. 688	VV	1176	25785	0. 52%	0. 025%
152	8. 693	8. 688	8. 717	VV	471	6625	0. 13%	0. 006%
153	8. 722	8. 717	8. 726	VV	374	1442	0. 03%	0. 001%
154	8. 752	8. 726	8. 774	VV	879	19419	0. 39%	0. 019%
155	8. 793	8. 774	8. 811	VV	1123	21474	0. 43%	0. 021%
156	8. 827	8. 811	8. 849	VV	1325	25360	0. 51%	0. 024%
157	8. 855	8. 849	8. 874	VV	1168	15472	0. 31%	0. 015%
158	8. 923	8. 874	8. 947	VV	1768	54939	1. 10%	0. 053%
159	8. 961	8. 947	9. 007	VV	1054	22970	0. 46%	0. 022%
160	9. 059	9. 007	9. 066	VV	704	17643	0. 35%	0. 017%
161	9. 071	9. 066	9. 090	VV	703	8754	0. 18%	0. 008%
162	9. 112	9. 090	9. 144	VV	998	25155	0. 50%	0. 024%
163	9. 204	9. 144	9. 239	VV	1692	65688	1. 32%	0. 063%
164	9. 252	9. 239	9. 280	VV	956	18242	0. 37%	0. 017%
165	9. 304	9. 280	9. 317	VV	1345	24306	0. 49%	0. 023%
166	9. 327	9. 317	9. 356	VV	1334	26180	0. 52%	0. 025%
167	9. 362	9. 356	9. 408	VV	946	23130	0. 46%	0. 022%
168	9. 416	9. 408	9. 425	VV	543	5242	0. 11%	0. 005%
169	9. 452	9. 425	9. 469	VV	1145	24020	0. 48%	0. 023%
170	9. 472	9. 469	9. 504	VV	962	14943	0. 30%	0. 014%
171	9. 517	9. 504	9. 547	VV	761	16933	0. 34%	0. 016%
172	9. 565	9. 547	9. 597	VV	1387	26459	0. 53%	0. 025%
173	9. 625	9. 597	9. 677	VV	1056	36490	0. 73%	0. 035%
174	9. 701	9. 677	9. 748	VV	2188	44903	0. 90%	0. 043%
175	9. 779	9. 748	9. 793	VV	792	15797	0. 32%	0. 015%
176	9. 798	9. 793	9. 844	VV	669	11703	0. 23%	0. 011%
177	9. 848	9. 844	9. 857	VV	310	2137	0. 04%	0. 002%
178	9. 863	9. 857	9. 872	VV	346	2411	0. 05%	0. 002%
179	9. 882	9. 872	9. 902	VV	324	3226	0. 06%	0. 003%
180	9. 911	9. 902	9. 916	VV	165	794	0. 02%	0. 001%
181	9. 926	9. 916	9. 946	PV	161	1749	0. 04%	0. 002%
182	9. 978	9. 946	9. 993	VV	660	10940	0. 22%	0. 010%
183	10. 013	9. 993	10. 063	VV	1385	34740	0. 70%	0. 033%
184	10. 087	10. 063	10. 105	VV	2166	32258	0. 65%	0. 031%
185	10. 122	10. 105	10. 137	VV	1880	24595	0. 49%	0. 024%
186	10. 148	10. 137	10. 162	VV	936	11829	0. 24%	0. 011%
187	10. 188	10. 162	10. 212	VV	830	20362	0. 41%	0. 020%
188	10. 232	10. 212	10. 247	VV	742	13041	0. 26%	0. 013%
189	10. 261	10. 247	10. 278	VV	676	9858	0. 20%	0. 009%
190	10. 298	10. 278	10. 314	VV	597	10410	0. 21%	0. 010%
191	10. 319	10. 314	10. 332	VV	403	4036	0. 08%	0. 004%
192	10. 336	10. 332	10. 340	VV	377	1478	0. 03%	0. 001%
193	10. 364	10. 340	10. 383	VV	1999	28976	0. 58%	0. 028%
194	10. 412	10. 383	10. 428	VV	3261	55373	1. 11%	0. 053%

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195	10.441	10.428	10.454	VV	2776	34200	0.69%	0.033%
196	10.465	10.454	10.496	VV	2350	34822	0.70%	0.033%
197	10.522	10.496	10.552	VV	1407	32081	0.64%	0.031%
198	10.563	10.552	10.583	VV	640	8141	0.16%	0.008%
199	10.604	10.583	10.618	VV	364	5065	0.10%	0.005%
200	10.629	10.618	10.641	VV	339	3782	0.08%	0.004%
201	10.661	10.641	10.682	VV	646	10571	0.21%	0.010%
202	10.706	10.682	10.767	VV	6528	135133	2.71%	0.130%
203	10.786	10.767	10.812	VV	1958	41901	0.84%	0.040%
204	10.816	10.812	10.884	VV	1378	37703	0.76%	0.036%
205	10.895	10.884	10.926	VV	552	9437	0.19%	0.009%
206	10.947	10.926	10.981	VV	896	15177	0.30%	0.015%
207	10.986	10.981	10.989	PV	257	774	0.02%	0.001%
208	11.012	10.989	11.037	VV	1009	18298	0.37%	0.018%
209	11.073	11.037	11.110	VV	1107	35248	0.71%	0.034%
210	11.146	11.110	11.177	VV	2629	45862	0.92%	0.044%
211	11.188	11.177	11.210	VV	644	9912	0.20%	0.010%
212	11.234	11.210	11.271	VV	1178	20537	0.41%	0.020%
213	11.274	11.271	11.279	VV	82	317	0.01%	0.000%
214	11.302	11.279	11.319	VV	431	5931	0.12%	0.006%
215	11.333	11.319	11.354	VV	260	3905	0.08%	0.004%
216	11.363	11.354	11.369	VV	273	2078	0.04%	0.002%
217	11.373	11.369	11.398	VV	351	4520	0.09%	0.004%
218	11.402	11.398	11.412	VV	256	1380	0.03%	0.001%
219	11.435	11.412	11.467	VV	453	7803	0.16%	0.007%
220	11.507	11.467	11.527	VV	1434	28601	0.57%	0.027%
221	11.545	11.527	11.586	VV	1735	34594	0.69%	0.033%
222	11.621	11.586	11.643	VV	2267	40389	0.81%	0.039%
223	11.656	11.643	11.671	VV	1280	16621	0.33%	0.016%
224	11.692	11.671	11.733	VV	1368	26465	0.53%	0.025%
225	11.757	11.733	11.775	PV	603	7172	0.14%	0.007%
226	11.816	11.775	11.842	VV	2382	43669	0.88%	0.042%
227	11.848	11.842	11.875	VV	696	6811	0.14%	0.007%
228	11.883	11.875	11.889	PV	142	810	0.02%	0.001%
229	11.912	11.889	11.922	VV	438	6492	0.13%	0.006%
230	11.943	11.922	11.956	VV	695	10061	0.20%	0.010%
231	11.966	11.956	11.973	VV	321	2638	0.05%	0.003%
232	11.992	11.973	12.017	VV	621	12223	0.25%	0.012%
233	12.051	12.017	12.067	VV	926	19345	0.39%	0.019%
234	12.090	12.067	12.147	VV	2780	50722	1.02%	0.049%
235	12.194	12.147	12.217	VV	610	17682	0.35%	0.017%
236	12.236	12.217	12.247	VV	510	7078	0.14%	0.007%
237	12.271	12.247	12.287	VV	2811	36648	0.73%	0.035%
238	12.302	12.287	12.355	VV	1425	24617	0.49%	0.024%
239	12.382	12.355	12.427	VV	20399	265025	5.31%	0.254%
240	12.460	12.427	12.497	VV	2915	57049	1.14%	0.055%
241	12.524	12.497	12.570	VV	17468	266839	5.35%	0.256%
242	12.574	12.570	12.604	VV	1607	16466	0.33%	0.016%
243	12.617	12.604	12.626	VV	387	4145	0.08%	0.004%
244	12.632	12.626	12.644	VV	291	2362	0.05%	0.002%
245	12.650	12.644	12.653	VV	254	1115	0.02%	0.001%
246	12.677	12.653	12.694	VV	814	14053	0.28%	0.013%

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247	12. 716	12. 694	12. 740	VV	1173	22168	0. 44%	0. 021%
248	12. 745	12. 740	12. 767	VV	726	9224	0. 18%	0. 009%
249	12. 776	12. 767	12. 796	VV	558	5824	0. 12%	0. 006%
250	12. 821	12. 796	12. 866	PV	15837	258031	5. 17%	0. 248%
251	12. 881	12. 866	12. 902	VV	1837	29991	0. 60%	0. 029%
252	12. 921	12. 902	12. 984	VV	1794	49400	0. 99%	0. 047%
253	13. 005	12. 984	13. 045	VV	684	14594	0. 29%	0. 014%
254	13. 072	13. 045	13. 089	VV	1899	26553	0. 53%	0. 025%
255	13. 106	13. 089	13. 142	VV	1557	31213	0. 63%	0. 030%
256	13. 156	13. 142	13. 181	VV	822	12149	0. 24%	0. 012%
257	13. 239	13. 181	13. 264	VV	590	18331	0. 37%	0. 018%
258	13. 294	13. 264	13. 348	VV	1408	33759	0. 68%	0. 032%
259	13. 352	13. 348	13. 377	VV	96	1281	0. 03%	0. 001%
260	13. 422	13. 377	13. 464	VV	2615	72310	1. 45%	0. 069%
261	13. 475	13. 464	13. 498	VV	981	14994	0. 30%	0. 014%
262	13. 525	13. 498	13. 551	VV	2525	48708	0. 98%	0. 047%
263	13. 566	13. 551	13. 592	VV	1610	32715	0. 66%	0. 031%
264	13. 598	13. 592	13. 627	VV	1167	18233	0. 37%	0. 017%
265	13. 660	13. 627	13. 677	VV	2984	52336	1. 05%	0. 050%
266	13. 691	13. 677	13. 719	VV	2199	38947	0. 78%	0. 037%
267	13. 736	13. 719	13. 755	VV	1087	20249	0. 41%	0. 019%
268	13. 790	13. 755	13. 836	VV	848	23830	0. 48%	0. 023%
269	13. 860	13. 836	13. 879	PV	788	11664	0. 23%	0. 011%
270	13. 895	13. 879	13. 912	VV	649	9282	0. 19%	0. 009%
271	13. 937	13. 912	13. 946	VV	481	7666	0. 15%	0. 007%
272	13. 953	13. 946	13. 962	VV	412	3446	0. 07%	0. 003%
273	13. 969	13. 962	13. 979	VV	257	2329	0. 05%	0. 002%
274	14. 024	13. 979	14. 042	VV	660	14871	0. 30%	0. 014%
275	14. 048	14. 042	14. 052	VV	560	2946	0. 06%	0. 003%
276	14. 059	14. 052	14. 078	VV	569	7485	0. 15%	0. 007%
277	14. 089	14. 078	14. 096	VV	513	4536	0. 09%	0. 004%
278	14. 161	14. 096	14. 186	VV	1326	45149	0. 91%	0. 043%
279	14. 191	14. 186	14. 197	VV	502	3151	0. 06%	0. 003%
280	14. 222	14. 197	14. 248	VV	1950	34938	0. 70%	0. 034%
281	14. 256	14. 248	14. 264	VV	985	8627	0. 17%	0. 008%
282	14. 271	14. 264	14. 314	VV	947	16735	0. 34%	0. 016%
283	14. 344	14. 314	14. 373	VV	1334	29587	0. 59%	0. 028%
284	14. 396	14. 373	14. 436	VV	2302	44073	0. 88%	0. 042%
285	14. 469	14. 436	14. 488	VV	986	18041	0. 36%	0. 017%
286	14. 514	14. 488	14. 528	VV	735	12864	0. 26%	0. 012%
287	14. 559	14. 528	14. 584	VV	2465	39614	0. 79%	0. 038%
288	14. 604	14. 584	14. 621	VV	685	9691	0. 19%	0. 009%
289	14. 625	14. 621	14. 633	VV	297	1318	0. 03%	0. 001%
290	14. 638	14. 633	14. 642	VV	125	525	0. 01%	0. 001%
291	14. 687	14. 642	14. 692	PV	1053	14672	0. 29%	0. 014%
292	14. 714	14. 692	14. 734	VV	7274	107666	2. 16%	0. 103%
293	14. 757	14. 734	14. 820	VV	8591	199300	4. 00%	0. 191%
294	14. 832	14. 820	14. 837	VV	1073	9325	0. 19%	0. 009%
295	14. 840	14. 837	14. 846	VV	1014	4892	0. 10%	0. 005%
296	14. 870	14. 846	14. 901	VV	2208	47715	0. 96%	0. 046%
297	14. 918	14. 901	14. 980	VV	1847	46795	0. 94%	0. 045%
298	14. 999	14. 980	15. 007	PV	596	5167	0. 10%	0. 005%
299	15. 014	15. 007	15. 019	VV	619	3433	0. 07%	0. 003%

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300	15.024	15.019	15.032	VV	591	3951	0.08%	0.004%	
301	15.038	15.032	15.046	VV	610	4541	0.09%	0.004%	
302	15.065	15.046	15.115	VV	1201	28142	0.56%	0.027%	
303	15.120	15.115	15.123	VV	179	604	0.01%	0.001%	
304	15.153	15.123	15.156	VV	812	9773	0.20%	0.009%	
305	15.160	15.156	15.165	VV	830	3916	0.08%	0.004%	
306	15.183	15.165	15.206	VV	1125	18425	0.37%	0.018%	
307	15.214	15.206	15.226	VV	699	6072	0.12%	0.006%	
308	15.229	15.226	15.239	VV	429	2681	0.05%	0.003%	
309	15.244	15.239	15.255	VV	499	2746	0.06%	0.003%	
310	15.286	15.255	15.328	VV	1631	32125	0.64%	0.031%	
311	15.346	15.328	15.356	VV	704	8699	0.17%	0.008%	
312	15.361	15.356	15.365	VV	418	2129	0.04%	0.002%	
313	15.391	15.365	15.462	VV	2296	71819	1.44%	0.069%	
314	15.498	15.462	15.512	VV	912	18467	0.37%	0.018%	
315	15.554	15.512	15.601	VV	1568	53977	1.08%	0.052%	
316	15.617	15.601	15.636	VV	629	10196	0.20%	0.010%	
317	15.647	15.636	15.664	VV	619	7421	0.15%	0.007%	
318	15.680	15.664	15.704	VV	534	9791	0.20%	0.009%	
319	15.719	15.704	15.742	VV	846	13050	0.26%	0.013%	
320	15.746	15.742	15.756	VV	677	3922	0.08%	0.004%	
321	15.788	15.756	15.821	VV	2267	45979	0.92%	0.044%	
322	15.834	15.821	15.859	VV	1083	17574	0.35%	0.017%	
323	15.862	15.859	15.887	VV	592	6997	0.14%	0.007%	
324	15.914	15.887	15.921	VV	817	8227	0.16%	0.008%	
325	15.923	15.921	15.943	VV	479	3320	0.07%	0.003%	
326	15.971	15.943	16.016	PV	1376	31210	0.63%	0.030%	
327	16.034	16.016	16.041	VV	814	7352	0.15%	0.007%	
328	16.049	16.041	16.054	VV	638	4213	0.08%	0.004%	
329	16.083	16.054	16.089	VV	1162	18509	0.37%	0.018%	
330	16.095	16.089	16.112	VV	1077	10844	0.22%	0.010%	
331	16.149	16.112	16.156	VV	1162	21396	0.43%	0.021%	
332	16.187	16.156	16.198	VV	1301	28428	0.57%	0.027%	
333	16.214	16.198	16.229	VV	1057	16826	0.34%	0.016%	
334	16.279	16.229	16.302	VV	11578	211718	4.24%	0.203%	
335	16.310	16.302	16.356	VV	5379	105938	2.12%	0.102%	
336	16.372	16.356	16.382	VV	2087	31849	0.64%	0.031%	
337	16.416	16.382	16.437	VV	3304	83665	1.68%	0.080%	
338	16.442	16.437	16.454	VV	2032	19464	0.39%	0.019%	
339	16.476	16.454	16.503	VV	2011	52569	1.05%	0.050%	
340	16.557	16.503	16.575	VV	2743	81819	1.64%	0.078%	
341	16.604	16.575	16.642	VV	7231	163492	3.28%	0.157%	
342	16.668	16.642	16.708	VV	7778	185116	3.71%	0.178%	
343	16.742	16.708	16.783	VV	7330	217807	4.37%	0.209%	
344	16.789	16.783	16.809	VV	3575	48556	0.97%	0.047%	
345	16.822	16.809	16.843	VV	2710	47948	0.96%	0.046%	
346	16.863	16.843	16.869	VV	2379	32537	0.65%	0.031%	
347	16.903	16.869	16.914	VV	3196	70732	1.42%	0.068%	
348	16.924	16.914	16.944	VV	3093	52690	1.06%	0.051%	
349	16.972	16.944	16.994	VV	3126	80694	1.62%	0.077%	
350	16.999	16.994	17.004	VV	2427	13193	0.26%	0.013%	
351	17.027	17.004	17.034	VV	3448	52166	1.05%	0.050%	

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352	17.046	17.034	17.053	VV	3710	37957	0.76%	0.036%
353	17.060	17.053	17.066	VV	3501	26397	0.53%	0.025%
354	17.067	17.066	17.072	VV	3342	12034	0.24%	0.012%
355	17.078	17.072	17.088	VV	3404	31552	0.63%	0.030%
356	17.097	17.088	17.111	VV	3283	41948	0.84%	0.040%
357	17.147	17.111	17.167	VV	4728	130439	2.61%	0.125%
358	17.194	17.167	17.237	VV	7993	219953	4.41%	0.211%
359	17.259	17.237	17.271	VV	4552	83644	1.68%	0.080%
360	17.292	17.271	17.312	VV	5115	113132	2.27%	0.109%
361	17.318	17.312	17.329	VV	4652	47181	0.95%	0.045%
362	17.339	17.329	17.343	VV	4617	38697	0.78%	0.037%
363	17.349	17.343	17.355	VV	4802	33164	0.66%	0.032%
364	17.370	17.355	17.376	VV	4763	57084	1.14%	0.055%
365	17.379	17.376	17.409	VV	4690	87153	1.75%	0.084%
366	17.427	17.409	17.439	VV	4415	76784	1.54%	0.074%
367	17.456	17.439	17.492	VV	4775	143427	2.88%	0.138%
368	17.512	17.492	17.516	VV	5345	70847	1.42%	0.068%
369	17.530	17.516	17.547	VV	5367	94173	1.89%	0.090%
370	17.561	17.547	17.576	VV	5621	90057	1.81%	0.086%
371	17.596	17.576	17.602	VV	6322	91679	1.84%	0.088%
372	17.628	17.602	17.662	VV	12588	302167	6.06%	0.290%
373	17.668	17.662	17.672	VV	5734	33795	0.68%	0.032%
374	17.678	17.672	17.691	VV	5799	62052	1.24%	0.060%
375	17.732	17.691	17.737	VV	6263	160835	3.22%	0.154%
376	17.763	17.737	17.804	VV	12892	356891	7.15%	0.342%
377	17.810	17.804	17.817	VV	7014	56264	1.13%	0.054%
378	17.825	17.817	17.830	VV	6890	51954	1.04%	0.050%
379	17.836	17.830	17.842	VV	6902	46736	0.94%	0.045%
380	17.895	17.842	17.910	VV	7538	297085	5.96%	0.285%
381	17.915	17.910	17.927	VV	7657	73855	1.48%	0.071%
382	17.966	17.927	17.987	VV	9549	315948	6.33%	0.303%
383	17.994	17.987	18.011	VV	8639	116039	2.33%	0.111%
384	18.052	18.011	18.084	VV	17700	510404	10.23%	0.490%
385	18.096	18.084	18.104	VV	10220	118684	2.38%	0.114%
386	18.132	18.104	18.158	VV	13176	354910	7.11%	0.340%
387	18.167	18.158	18.175	VV	10530	106741	2.14%	0.102%
388	18.212	18.175	18.223	VV	11000	303642	6.09%	0.291%
389	18.231	18.223	18.236	VV	10612	83031	1.66%	0.080%
390	18.240	18.236	18.243	VV	10564	43026	0.86%	0.041%
391	18.258	18.243	18.262	VV	10661	119163	2.39%	0.114%
392	18.266	18.262	18.272	VV	10833	67960	1.36%	0.065%
393	18.306	18.272	18.342	VV	14750	523987	10.50%	0.503%
394	18.361	18.342	18.367	VV	11981	179536	3.60%	0.172%
395	18.395	18.367	18.409	VV	11938	297467	5.96%	0.285%
396	18.463	18.409	18.512	VV	19963	913863	18.32%	0.877%
397	18.558	18.512	18.578	VV	16910	576703	11.56%	0.553%
398	18.607	18.578	18.642	VV	16621	598065	11.99%	0.574%
399	18.662	18.642	18.669	VV	15606	250278	5.02%	0.240%
400	18.689	18.669	18.693	VV	16242	225354	4.52%	0.216%
401	18.741	18.693	18.746	VV	17222	522578	10.48%	0.501%
402	18.756	18.746	18.759	VV	17132	133337	2.67%	0.128%
403	18.772	18.759	18.781	VV	17414	222770	4.47%	0.214%
404	18.823	18.781	18.832	VV	19047	561851	11.26%	0.539%

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405	18.865	18.832	18.918	VV	22836	1017263	20.39%	0.976%
406	18.955	18.918	18.961	VV	20227	501512	10.05%	0.481%
407	18.963	18.961	18.986	VV	20374	297583	5.97%	0.285%
408	19.009	18.986	19.013	VV	21268	342997	6.88%	0.329%
409	19.028	19.013	19.046	VV	21737	415250	8.32%	0.398%
410	19.086	19.046	19.092	VV	22114	596688	11.96%	0.572%
411	19.255	19.092	19.287	VV	29948	2937069	58.88%	2.817%
412	19.291	19.287	19.297	VV	27039	156933	3.15%	0.151%
413	19.324	19.297	19.337	VV	27875	656670	13.16%	0.630%
414	19.370	19.337	19.377	VV	29423	682473	13.68%	0.655%
415	19.383	19.377	19.388	VV	29229	200252	4.01%	0.192%
416	19.493	19.388	19.515	VV	34650	2428798	48.69%	2.330%
417	19.548	19.515	19.559	VV	36437	947249	18.99%	0.909%
418	19.562	19.559	19.568	VV	36301	199787	4.01%	0.192%
419	19.628	19.568	19.649	VV	40680	1840141	36.89%	1.765%
420	19.665	19.649	19.671	VV	39396	507469	10.17%	0.487%
421	19.678	19.671	19.692	VV	39639	510758	10.24%	0.490%
422	19.704	19.692	19.709	VV	39558	391483	7.85%	0.376%
423	19.801	19.709	19.805	VV	42538	2366283	47.44%	2.270%
424	19.821	19.805	19.828	VV	43223	581944	11.67%	0.558%
425	19.889	19.828	19.917	VV	46874	2437752	48.87%	2.338%
426	19.921	19.917	19.924	VV	46153	183204	3.67%	0.176%
427	19.999	19.924	20.011	VV	52119	2536984	50.86%	2.434%
428	20.031	20.011	20.042	VV	52696	986865	19.78%	0.947%
429	20.048	20.042	20.055	VV	52625	389465	7.81%	0.374%
430	20.090	20.055	20.097	VV	53946	1365491	27.37%	1.310%
431	20.143	20.097	20.147	VV	55415	1616898	32.41%	1.551%
432	20.200	20.147	20.222	VV	57622	2546184	51.04%	2.442%
433	20.288	20.222	20.292	VV	60411	2491605	49.95%	2.390%
434	20.352	20.292	20.371	VV	65642	2973909	59.62%	2.853%
435	20.415	20.371	20.421	VV	66508	1941126	38.91%	1.862%
436	20.506	20.421	20.542	VV	70489	4988425	100.00%	4.785%
437	20.563	20.542	20.572	VV	70022	1246504	24.99%	1.196%
438	20.584	20.572	20.634	VV	70317	2605008	52.22%	2.499%
439	20.652	20.634	20.676	VV	68798	1707553	34.23%	1.638%
440	20.683	20.676	20.701	VV	68010	1014722	20.34%	0.973%
441	20.719	20.701	20.752	VV	68794	2086246	41.82%	2.001%
442	20.755	20.752	20.770	VV	65155	665803	13.35%	0.639%
443	20.774	20.770	20.789	VV	64556	747067	14.98%	0.717%
444	20.813	20.789	20.824	VV	65469	1376640	27.60%	1.320%
445	20.855	20.824	20.867	VV	66167	1698317	34.05%	1.629%
446	20.899	20.867	20.904	VV	67323	1468931	29.45%	1.409%
447	20.913	20.904	20.922	VV	67541	749695	15.03%	0.719%
448	20.951	20.922	20.977	VV	68335	2216588	44.43%	2.126%
449	20.982	20.977	20.991	VV	67420	552837	11.08%	0.530%
450	21.015	20.991	21.084	VV	67828	3678263	73.74%	3.528%
451	21.139	21.084	21.182	VV	66617	3774884	75.67%	3.621%
452	21.196	21.182	21.218	VV	63446	1386139	27.79%	1.330%
453	21.225	21.218	21.229	VV	62849	395489	7.93%	0.379%
454	21.236	21.229	21.246	VV	63049	648047	12.99%	0.622%
455	21.250	21.246	21.255	VV	62547	323301	6.48%	0.310%
456	21.272	21.255	21.303	VV	63067	1817211	36.43%	1.743%

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457	21.320	21.303	21.372	VV	62003	2534047	50.80%	2.431%
458	21.380	21.372	21.411	VV	60127	1376593	27.60%	1.320%
459	21.418	21.411	21.434	VV	59036	823929	16.52%	0.790%
460	21.478	21.434	21.483	VV	59485	1722026	34.52%	1.652%
461	21.513	21.483	21.532	VV	60198	1771430	35.51%	1.699%
462	21.543	21.532	21.547	VV	60147	541678	10.86%	0.520%
463	21.608	21.547	21.651	VBA	63541	3876354	77.71%	3.718%
Sum of corrected areas:						104251634		

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