

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090719\
 Data File : FF005463.D
 Signal(s) : FID2B.ch
 Acq On : 07 Sep 2019 15:02
 Sample : K4762-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090319.M
 Title :

Signal : FID2B.ch

peak #	R. T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.381	2.347	2.387	BV	65	-156	-0.00%	-0.000%
2	2.389	2.387	2.392	PV	94	146	0.00%	0.000%
3	2.404	2.392	2.416	VV	157	1229	0.02%	0.001%
4	2.419	2.416	2.425	VV	116	416	0.01%	0.000%
5	2.429	2.425	2.433	VV	100	433	0.01%	0.000%
6	2.449	2.433	2.465	VV	286	3947	0.08%	0.002%
7	2.470	2.465	2.479	VV	281	1723	0.03%	0.001%
8	2.499	2.479	2.523	VV	1047	13242	0.26%	0.006%
9	2.535	2.523	2.554	VV	793	7582	0.15%	0.004%
10	2.557	2.554	2.574	VV	253	1338	0.03%	0.001%
11	2.593	2.574	2.607	PV	713	6235	0.12%	0.003%
12	2.620	2.607	2.652	VV	416	7901	0.15%	0.004%
13	2.660	2.652	2.669	VV	285	2202	0.04%	0.001%
14	2.673	2.669	2.695	VV	267	3260	0.06%	0.002%
15	2.699	2.695	2.703	VV	193	873	0.02%	0.000%
16	2.705	2.703	2.709	VV	208	836	0.02%	0.000%
17	2.726	2.709	2.735	VV	464	5330	0.10%	0.003%
18	2.742	2.735	2.797	VV	479	12563	0.25%	0.006%
19	2.814	2.797	2.857	VV	1261	28100	0.55%	0.013%
20	2.861	2.857	2.870	VV	560	3709	0.07%	0.002%
21	2.884	2.870	2.899	VV	719	10571	0.21%	0.005%
22	2.911	2.899	2.919	VV	787	8752	0.17%	0.004%
23	2.923	2.919	2.933	VV	767	5754	0.11%	0.003%
24	2.939	2.933	2.974	VV	664	14222	0.28%	0.007%
25	2.991	2.974	3.002	VV	969	12679	0.25%	0.006%
26	3.012	3.002	3.020	VV	771	8140	0.16%	0.004%
27	3.037	3.020	3.058	VV	1237	21975	0.43%	0.010%
28	3.063	3.058	3.067	VV	843	4386	0.09%	0.002%
29	3.100	3.067	3.124	VV	1119	33107	0.65%	0.016%
30	3.128	3.124	3.156	VV	1030	17319	0.34%	0.008%
31	3.187	3.156	3.201	VV	1215	27477	0.54%	0.013%
32	3.232	3.201	3.269	VV	1980	57854	1.13%	0.027%
33	3.286	3.269	3.316	VV	2088	44094	0.86%	0.021%
34	3.324	3.316	3.364	VV	1304	34285	0.67%	0.016%
35	3.386	3.364	3.393	VV	1248	21285	0.42%	0.010%
36	3.405	3.393	3.428	VV	1439	28019	0.55%	0.013%

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37	3. 433	3. 428	3. 457	VV	1453	24386	0. 48%	0. 012%
38	3. 471	3. 457	3. 511	VV	1651	48718	0. 95%	0. 023%
39	3. 522	3. 511	3. 532	VV	1427	16763	0. 33%	0. 008%
40	3. 552	3. 532	3. 564	VV	2030	34744	0. 68%	0. 016%
41	3. 578	3. 564	3. 606	VV	2823	56280	1. 10%	0. 027%
42	3. 612	3. 606	3. 640	VV	1920	37158	0. 73%	0. 018%
43	3. 659	3. 640	3. 709	VV	2482	82183	1. 61%	0. 039%
44	3. 729	3. 709	3. 742	VV	2183	40281	0. 79%	0. 019%
45	3. 749	3. 742	3. 766	VV	2108	28755	0. 56%	0. 014%
46	3. 782	3. 766	3. 810	VV	2470	56629	1. 11%	0. 027%
47	3. 824	3. 810	3. 843	VV	2297	41061	0. 80%	0. 019%
48	3. 870	3. 843	3. 920	VV	2755	105587	2. 06%	0. 050%
49	3. 957	3. 920	4. 039	VV	21056	536492	10. 49%	0. 253%
50	4. 046	4. 039	4. 082	VV	4567	104716	2. 05%	0. 049%
51	4. 088	4. 082	4. 105	VV	3569	48503	0. 95%	0. 023%
52	4. 121	4. 105	4. 145	VV	4132	89209	1. 74%	0. 042%
53	4. 160	4. 145	4. 187	VV	3692	88713	1. 73%	0. 042%
54	4. 192	4. 187	4. 239	VV	3524	102862	2. 01%	0. 049%
55	4. 242	4. 239	4. 247	VV	3272	16127	0. 32%	0. 008%
56	4. 267	4. 247	4. 287	VV	3448	79860	1. 56%	0. 038%
57	4. 305	4. 287	4. 333	VV	3570	91623	1. 79%	0. 043%
58	4. 355	4. 333	4. 419	VV	4957	162751	3. 18%	0. 077%
59	4. 421	4. 419	4. 489	VV	2429	74231	1. 45%	0. 035%
60	4. 505	4. 489	4. 540	VV	3606	58064	1. 14%	0. 027%
61	4. 551	4. 540	4. 568	VV	1182	16523	0. 32%	0. 008%
62	4. 576	4. 568	4. 597	VV	982	12966	0. 25%	0. 006%
63	4. 609	4. 597	4. 623	VV	1201	12878	0. 25%	0. 006%
64	4. 635	4. 623	4. 652	VV	727	9568	0. 19%	0. 005%
65	4. 660	4. 652	4. 677	VV	397	4915	0. 10%	0. 002%
66	4. 681	4. 677	4. 713	VV	301	4149	0. 08%	0. 002%
67	4. 734	4. 713	4. 748	VV	452	5894	0. 12%	0. 003%
68	4. 766	4. 748	4. 790	VV	565	8974	0. 18%	0. 004%
69	4. 795	4. 790	4. 800	VV	229	1023	0. 02%	0. 000%
70	4. 826	4. 800	4. 850	VV	928	12281	0. 24%	0. 006%
71	4. 855	4. 850	4. 861	VV	96	500	0. 01%	0. 000%
72	4. 878	4. 861	4. 904	VV	269	4163	0. 08%	0. 002%
73	4. 909	4. 904	4. 931	VV	247	2293	0. 04%	0. 001%
74	4. 951	4. 931	4. 967	PV	693	9366	0. 18%	0. 004%
75	4. 981	4. 967	4. 988	VV	511	5621	0. 11%	0. 003%
76	4. 994	4. 988	5. 017	VV	491	6389	0. 12%	0. 003%
77	5. 021	5. 017	5. 024	VV	290	1190	0. 02%	0. 001%
78	5. 045	5. 024	5. 057	VV	634	8993	0. 18%	0. 004%
79	5. 074	5. 057	5. 087	VV	1300	15125	0. 30%	0. 007%
80	5. 091	5. 087	5. 140	VV	935	16736	0. 33%	0. 008%
81	5. 164	5. 140	5. 179	PV	381	4986	0. 10%	0. 002%
82	5. 191	5. 179	5. 205	VV	315	3555	0. 07%	0. 002%
83	5. 224	5. 205	5. 262	VV	846	19053	0. 37%	0. 009%
84	5. 281	5. 262	5. 299	VV	2158	22617	0. 44%	0. 011%
85	5. 312	5. 299	5. 324	VV	424	4542	0. 09%	0. 002%
86	5. 335	5. 324	5. 361	VV	379	5337	0. 10%	0. 003%
87	5. 394	5. 361	5. 404	PV	1721	17208	0. 34%	0. 008%
88	5. 414	5. 404	5. 434	VV	2052	21365	0. 42%	0. 010%
89	5. 449	5. 434	5. 498	VV	3692	47606	0. 93%	0. 022%

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90	5. 516	5. 498	5. 527	VV	810	9030	0. 18%	0. 004%
91	5. 537	5. 527	5. 550	VV	715	7904	0. 15%	0. 004%
92	5. 575	5. 550	5. 611	VV	4462	61825	1. 21%	0. 029%
93	5. 634	5. 611	5. 664	VV	1471	24306	0. 48%	0. 011%
94	5. 679	5. 664	5. 718	VV	983	18103	0. 35%	0. 009%
95	5. 744	5. 718	5. 752	PV	828	9817	0. 19%	0. 005%
96	5. 761	5. 752	5. 771	VV	817	8279	0. 16%	0. 004%
97	5. 804	5. 771	5. 829	VV	1457	30577	0. 60%	0. 014%
98	5. 849	5. 829	5. 867	VV	1481	24136	0. 47%	0. 011%
99	5. 904	5. 867	5. 927	VV	5299	98660	1. 93%	0. 047%
100	5. 946	5. 927	5. 962	VV	3112	54170	1. 06%	0. 026%
101	5. 987	5. 962	6. 002	VV	4083	77318	1. 51%	0. 037%
102	6. 036	6. 002	6. 059	VV	6893	155076	3. 03%	0. 073%
103	6. 086	6. 059	6. 104	VV	6106	126799	2. 48%	0. 060%
104	6. 115	6. 104	6. 120	VV	4971	44298	0. 87%	0. 021%
105	6. 141	6. 120	6. 160	VV	5854	130034	2. 54%	0. 061%
106	6. 179	6. 160	6. 194	VV	6253	99151	1. 94%	0. 047%
107	6. 210	6. 194	6. 231	VV	5185	96802	1. 89%	0. 046%
108	6. 270	6. 231	6. 285	VV	8914	217514	4. 25%	0. 103%
109	6. 296	6. 285	6. 311	VV	8226	117559	2. 30%	0. 056%
110	6. 327	6. 311	6. 343	VV	11147	165463	3. 23%	0. 078%
111	6. 352	6. 343	6. 367	VV	7259	96487	1. 89%	0. 046%
112	6. 374	6. 367	6. 389	VV	6691	83022	1. 62%	0. 039%
113	6. 419	6. 389	6. 448	VV	8855	262353	5. 13%	0. 124%
114	6. 465	6. 448	6. 477	VV	11536	160473	3. 14%	0. 076%
115	6. 483	6. 477	6. 490	VV	9249	72109	1. 41%	0. 034%
116	6. 504	6. 490	6. 509	VV	10865	110539	2. 16%	0. 052%
117	6. 526	6. 509	6. 549	VV	17067	338886	6. 63%	0. 160%
118	6. 562	6. 549	6. 583	VV	13861	236275	4. 62%	0. 112%
119	6. 599	6. 583	6. 607	VV	10225	134804	2. 64%	0. 064%
120	6. 638	6. 607	6. 660	VV	16915	415154	8. 12%	0. 196%
121	6. 696	6. 660	6. 720	VV	16649	494656	9. 67%	0. 234%
122	6. 733	6. 720	6. 742	VV	14753	184982	3. 62%	0. 087%
123	6. 775	6. 742	6. 794	VV	19413	496965	9. 72%	0. 235%
124	6. 798	6. 794	6. 812	VV	13704	141219	2. 76%	0. 067%
125	6. 834	6. 812	6. 851	VV	19821	373196	7. 30%	0. 176%
126	6. 869	6. 851	6. 882	VV	20240	345572	6. 76%	0. 163%
127	6. 897	6. 882	6. 908	VV	20938	298588	5. 84%	0. 141%
128	6. 931	6. 908	6. 952	VV	27930	581175	11. 36%	0. 274%
129	6. 981	6. 952	7. 001	VV	29020	645351	12. 62%	0. 305%
130	7. 027	7. 001	7. 049	VV	26354	631809	12. 35%	0. 298%
131	7. 074	7. 049	7. 112	VV	34035	957087	18. 71%	0. 452%
132	7. 128	7. 112	7. 144	VV	24939	406658	7. 95%	0. 192%
133	7. 174	7. 144	7. 191	VV	31038	717177	14. 02%	0. 339%
134	7. 202	7. 191	7. 212	VV	25273	303920	5. 94%	0. 143%
135	7. 217	7. 212	7. 234	VV	24016	289553	5. 66%	0. 137%
136	7. 259	7. 234	7. 275	VV	28023	621843	12. 16%	0. 294%
137	7. 290	7. 275	7. 298	VV	28015	387690	7. 58%	0. 183%
138	7. 306	7. 298	7. 324	VV	28905	416521	8. 14%	0. 197%
139	7. 333	7. 324	7. 354	VV	27004	480254	9. 39%	0. 227%
140	7. 364	7. 354	7. 373	VV	27005	293842	5. 74%	0. 139%
141	7. 426	7. 373	7. 440	VV	36284	1286444	25. 15%	0. 607%

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142	7. 484	7. 440	7. 500	VV	38702	1278199	24. 99%	0. 604%
143	7. 516	7. 500	7. 533	VV	29779	554233	10. 84%	0. 262%
144	7. 551	7. 533	7. 565	VV	39095	651214	12. 73%	0. 307%
145	7. 586	7. 565	7. 613	VV	60696	1255368	24. 54%	0. 593%
146	7. 627	7. 613	7. 657	VV	34504	871502	17. 04%	0. 411%
147	7. 675	7. 657	7. 695	VV	37524	763764	14. 93%	0. 361%
148	7. 725	7. 695	7. 747	VV	48144	1246766	24. 38%	0. 589%
149	7. 772	7. 747	7. 794	VV	43804	1140075	22. 29%	0. 538%
150	7. 830	7. 794	7. 839	VV	41408	1028021	20. 10%	0. 485%
151	7. 864	7. 839	7. 881	VV	48642	1110351	21. 71%	0. 524%
152	7. 904	7. 881	7. 949	VV	69910	2024472	39. 58%	0. 956%
153	7. 990	7. 949	8. 030	VV	53719	2285596	44. 68%	1. 079%
154	8. 043	8. 030	8. 067	VV	50067	1019390	19. 93%	0. 481%
155	8. 084	8. 067	8. 097	VV	46159	782701	15. 30%	0. 370%
156	8. 115	8. 097	8. 122	VV	48525	696749	13. 62%	0. 329%
157	8. 132	8. 122	8. 150	VV	48893	784767	15. 34%	0. 371%
158	8. 174	8. 150	8. 198	VV	51338	1368554	26. 76%	0. 646%
159	8. 226	8. 198	8. 281	VV	119383	3119472	60. 99%	1. 473%
160	8. 325	8. 281	8. 371	VV	89335	3260069	63. 74%	1. 539%
161	8. 381	8. 371	8. 395	VV	48924	681138	13. 32%	0. 322%
162	8. 423	8. 395	8. 445	VV	53595	1480326	28. 94%	0. 699%
163	8. 453	8. 445	8. 480	VV	47723	943376	18. 44%	0. 445%
164	8. 499	8. 480	8. 510	VV	47513	786669	15. 38%	0. 371%
165	8. 522	8. 510	8. 533	VV	49612	677598	13. 25%	0. 320%
166	8. 555	8. 533	8. 582	VV	59026	1495357	29. 24%	0. 706%
167	8. 590	8. 582	8. 602	VV	47368	533425	10. 43%	0. 252%
168	8. 621	8. 602	8. 644	VV	75897	1452243	28. 39%	0. 686%
169	8. 658	8. 644	8. 669	VV	51253	743613	14. 54%	0. 351%
170	8. 687	8. 669	8. 726	VV	67826	1927966	37. 69%	0. 910%
171	8. 740	8. 726	8. 764	VV	45587	966883	18. 90%	0. 457%
172	8. 785	8. 764	8. 803	VV	46395	992480	19. 40%	0. 469%
173	8. 825	8. 803	8. 845	VV	46278	1100791	21. 52%	0. 520%
174	8. 848	8. 845	8. 870	VV	44100	612690	11. 98%	0. 289%
175	8. 907	8. 870	8. 952	VV	46145	1957505	38. 27%	0. 924%
176	8. 971	8. 952	8. 977	VV	36293	545698	10. 67%	0. 258%
177	9. 001	8. 977	9. 021	VV	36660	917382	17. 94%	0. 433%
178	9. 034	9. 021	9. 046	VV	34009	521589	10. 20%	0. 246%
179	9. 072	9. 046	9. 103	VV	38387	1155517	22. 59%	0. 546%
180	9. 119	9. 103	9. 136	VV	31270	586414	11. 46%	0. 277%
181	9. 147	9. 136	9. 157	VV	30049	355377	6. 95%	0. 168%
182	9. 162	9. 157	9. 180	VV	30139	415042	8. 11%	0. 196%
183	9. 196	9. 180	9. 214	VV	32164	608435	11. 90%	0. 287%
184	9. 225	9. 214	9. 261	VV	31638	845618	16. 53%	0. 399%
185	9. 294	9. 261	9. 317	VV	31708	961684	18. 80%	0. 454%
186	9. 376	9. 317	9. 410	VV	40614	1671212	32. 67%	0. 789%
187	9. 433	9. 410	9. 475	VV	29884	1056868	20. 66%	0. 499%
188	9. 481	9. 475	9. 484	VV	25080	141796	2. 77%	0. 067%
189	9. 489	9. 484	9. 503	VV	24931	271428	5. 31%	0. 128%
190	9. 521	9. 503	9. 571	VV	27845	956310	18. 70%	0. 452%
191	9. 588	9. 571	9. 593	VV	20658	264900	5. 18%	0. 125%
192	9. 602	9. 593	9. 622	VV	20753	344665	6. 74%	0. 163%
193	9. 627	9. 622	9. 637	VV	19143	165432	3. 23%	0. 078%
194	9. 647	9. 637	9. 660	VV	19019	262855	5. 14%	0. 124%

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195	9.681	9.660	9.695	VV	19689	395327	7.73%	0.187%
196	9.727	9.695	9.751	VV	21255	670658	13.11%	0.317%
197	9.768	9.751	9.789	VV	22553	445902	8.72%	0.211%
198	9.808	9.789	9.812	VV	18429	246602	4.82%	0.116%
199	9.824	9.812	9.836	VV	18998	261641	5.12%	0.124%
200	9.849	9.836	9.859	VV	18254	237908	4.65%	0.112%
201	9.871	9.859	9.902	VV	19187	450495	8.81%	0.213%
202	9.904	9.902	9.921	VV	15770	175245	3.43%	0.083%
203	9.939	9.921	9.957	VV	17253	347657	6.80%	0.164%
204	9.971	9.957	9.988	VV	17268	317089	6.20%	0.150%
205	10.002	9.988	10.023	VV	16838	339377	6.64%	0.160%
206	10.036	10.023	10.065	VV	17216	399945	7.82%	0.189%
207	10.070	10.065	10.097	VV	15271	273647	5.35%	0.129%
208	10.117	10.097	10.128	VV	16591	299055	5.85%	0.141%
209	10.154	10.128	10.178	VV	23500	587000	11.48%	0.277%
210	10.227	10.178	10.263	VV	18084	845889	16.54%	0.399%
211	10.293	10.263	10.334	VV	20406	704648	13.78%	0.333%
212	10.353	10.334	10.380	VV	22042	482594	9.44%	0.228%
213	10.412	10.380	10.430	VV	27080	613087	11.99%	0.289%
214	10.440	10.430	10.454	VV	21830	275857	5.39%	0.130%
215	10.482	10.454	10.499	VV	20885	522644	10.22%	0.247%
216	10.505	10.499	10.524	VV	18562	261324	5.11%	0.123%
217	10.576	10.524	10.596	VV	29810	933107	18.24%	0.441%
218	10.607	10.596	10.620	VV	22359	318240	6.22%	0.150%
219	10.629	10.620	10.654	VV	22048	386336	7.55%	0.182%
220	10.672	10.654	10.689	VV	23690	411197	8.04%	0.194%
221	10.730	10.689	10.747	VV	20706	619405	12.11%	0.292%
222	10.766	10.747	10.805	VV	25711	697968	13.65%	0.330%
223	10.846	10.805	10.864	VV	20893	637717	12.47%	0.301%
224	10.904	10.864	10.960	VV	116104	2204229	43.09%	1.041%
225	10.965	10.960	10.972	VV	17780	125634	2.46%	0.059%
226	10.991	10.972	11.003	VV	18635	332416	6.50%	0.157%
227	11.015	11.003	11.024	VV	16805	201409	3.94%	0.095%
228	11.044	11.024	11.068	VV	17982	455823	8.91%	0.215%
229	11.086	11.068	11.122	VV	17946	555905	10.87%	0.262%
230	11.143	11.122	11.162	VV	17995	406039	7.94%	0.192%
231	11.180	11.162	11.195	VV	18033	342053	6.69%	0.162%
232	11.207	11.195	11.229	VV	18663	358092	7.00%	0.169%
233	11.234	11.229	11.260	VV	16429	301855	5.90%	0.143%
234	11.301	11.260	11.329	VV	22560	747001	14.60%	0.353%
235	11.343	11.329	11.354	VV	15443	229124	4.48%	0.108%
236	11.370	11.354	11.383	VV	15452	257128	5.03%	0.121%
237	11.401	11.383	11.415	VV	16358	299599	5.86%	0.141%
238	11.420	11.415	11.425	VV	15569	92193	1.80%	0.044%
239	11.436	11.425	11.462	VV	16234	344769	6.74%	0.163%
240	11.506	11.462	11.549	VV	18707	840428	16.43%	0.397%
241	11.595	11.549	11.629	VV	20954	881109	17.23%	0.416%
242	11.635	11.629	11.651	VV	17600	217176	4.25%	0.103%
243	11.678	11.651	11.694	VV	18908	459851	8.99%	0.217%
244	11.702	11.694	11.726	VV	18279	337383	6.60%	0.159%
245	11.730	11.726	11.737	VV	17148	111283	2.18%	0.053%
246	11.744	11.737	11.749	VV	17335	121153	2.37%	0.057%

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247	11.756	11.749	11.797	VV	17402	462475	9.04%	0.218%	
248	11.823	11.797	11.841	VV	17854	415461	8.12%	0.196%	
249	11.869	11.841	11.924	VV	19445	822178	16.07%	0.388%	
250	11.947	11.924	11.957	VV	15157	285440	5.58%	0.135%	
251	11.983	11.957	12.000	VV	16906	405893	7.94%	0.192%	
252	12.016	12.000	12.025	VV	15413	228543	4.47%	0.108%	
253	12.043	12.025	12.057	VV	16277	290452	5.68%	0.137%	
254	12.076	12.057	12.082	VV	14472	210861	4.12%	0.100%	
255	12.103	12.082	12.107	VV	15150	216494	4.23%	0.102%	
256	12.136	12.107	12.168	VV	62684	1093093	21.37%	0.516%	
257	12.178	12.168	12.215	VV	16065	433172	8.47%	0.205%	
258	12.248	12.215	12.297	VV	59116	1234436	24.13%	0.583%	
259	12.300	12.297	12.324	VV	16236	220312	4.31%	0.104%	
260	12.370	12.324	12.377	VV	14649	418728	8.19%	0.198%	
261	12.379	12.377	12.412	VV	14583	261205	5.11%	0.123%	
262	12.464	12.412	12.502	VV	13936	665790	13.02%	0.314%	
263	12.523	12.502	12.557	VV	15232	423002	8.27%	0.200%	
264	12.585	12.557	12.620	VV	37807	779589	15.24%	0.368%	
265	12.626	12.620	12.658	VV	13715	279277	5.46%	0.132%	
266	12.673	12.658	12.695	VV	10857	215733	4.22%	0.102%	
267	12.701	12.695	12.711	VV	8882	78259	1.53%	0.037%	
268	12.716	12.711	12.721	VV	8538	52947	1.04%	0.025%	
269	12.733	12.721	12.749	VV	9149	144165	2.82%	0.068%	
270	12.793	12.749	12.813	VV	10337	361243	7.06%	0.171%	
271	12.817	12.813	12.833	VV	9314	101221	1.98%	0.048%	
272	12.851	12.833	12.857	VV	8445	119554	2.34%	0.056%	
273	12.884	12.857	12.911	VV	35406	610956	11.94%	0.288%	
274	12.918	12.911	12.924	VV	11239	84936	1.66%	0.040%	
275	12.943	12.924	12.962	VV	11305	232721	4.55%	0.110%	
276	12.979	12.962	13.006	VV	9543	219721	4.30%	0.104%	
277	13.015	13.006	13.047	VV	7988	187085	3.66%	0.088%	
278	13.066	13.047	13.089	VV	8744	193236	3.78%	0.091%	
279	13.110	13.089	13.122	VV	7420	135240	2.64%	0.064%	
280	13.137	13.122	13.150	VV	11019	157850	3.09%	0.075%	
281	13.172	13.150	13.177	VV	14020	202662	3.96%	0.096%	
282	13.181	13.177	13.210	VV	14274	222444	4.35%	0.105%	
283	13.217	13.210	13.231	VV	8002	92509	1.81%	0.044%	
284	13.245	13.231	13.266	VV	6548	124757	2.44%	0.059%	
285	13.273	13.266	13.280	VV	6010	51469	1.01%	0.024%	
286	13.299	13.280	13.319	VV	8113	151224	2.96%	0.071%	
287	13.324	13.319	13.327	VV	4880	23556	0.46%	0.011%	
288	13.368	13.327	13.395	VV	11282	316836	6.19%	0.150%	
289	13.403	13.395	13.426	VV	7336	115289	2.25%	0.054%	
290	13.443	13.426	13.459	VV	6644	117268	2.29%	0.055%	
291	13.479	13.459	13.509	VV	10490	224889	4.40%	0.106%	
292	13.517	13.509	13.529	VV	5664	65250	1.28%	0.031%	
293	13.536	13.529	13.542	VV	5662	41967	0.82%	0.020%	
294	13.552	13.542	13.570	VV	5832	91904	1.80%	0.043%	
295	13.588	13.570	13.609	VV	7108	140364	2.74%	0.066%	
296	13.628	13.609	13.655	VV	6887	157816	3.09%	0.075%	
297	13.671	13.655	13.692	VV	6456	116670	2.28%	0.055%	
298	13.720	13.692	13.788	VV	11240	399111	7.80%	0.188%	
299	13.797	13.788	13.853	VV	5010	161663	3.16%	0.076%	

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300	13.870	13.853	13.894	VV	4576	89949	1.76%	0.042%
301	13.904	13.894	13.913	VV	3412	37793	0.74%	0.018%
302	13.941	13.913	13.982	VV	5574	162788	3.18%	0.077%
303	14.003	13.982	14.028	VV	3771	89095	1.74%	0.042%
304	14.040	14.028	14.060	VV	3313	51033	1.00%	0.024%
305	14.077	14.060	14.090	VV	3238	49479	0.97%	0.023%
306	14.120	14.090	14.155	VV	6600	168100	3.29%	0.079%
307	14.180	14.155	14.212	VV	4125	112978	2.21%	0.053%
308	14.230	14.212	14.265	VV	5035	110434	2.16%	0.052%
309	14.289	14.265	14.332	VV	7625	179285	3.51%	0.085%
310	14.351	14.332	14.372	VV	6702	107941	2.11%	0.051%
311	14.382	14.372	14.395	VV	3474	49127	0.96%	0.023%
312	14.405	14.395	14.440	VV	4943	92274	1.80%	0.044%
313	14.462	14.440	14.499	VV	5343	113035	2.21%	0.053%
314	14.539	14.499	14.592	VV	4293	152486	2.98%	0.072%
315	14.629	14.592	14.668	VV	202143	2817204	55.08%	1.330%
316	14.680	14.668	14.721	VV	3362	73915	1.45%	0.035%
317	14.775	14.721	14.794	VV	13889	236020	4.61%	0.111%
318	14.818	14.794	14.859	VV	17554	394657	7.72%	0.186%
319	14.874	14.859	14.902	VV	5007	79603	1.56%	0.038%
320	14.934	14.902	14.950	VV	3429	63315	1.24%	0.030%
321	14.961	14.950	14.998	VV	3069	53038	1.04%	0.025%
322	15.012	14.998	15.024	VV	1068	10132	0.20%	0.005%
323	15.030	15.024	15.069	VV	952	14687	0.29%	0.007%
324	15.100	15.069	15.112	VV	1843	33968	0.66%	0.016%
325	15.127	15.112	15.145	VV	2545	32673	0.64%	0.015%
326	15.149	15.145	15.183	VV	1540	24393	0.48%	0.012%
327	15.214	15.183	15.312	PV	77828	1214808	23.75%	0.574%
328	15.355	15.312	15.392	VV	11314	213049	4.17%	0.101%
329	15.423	15.392	15.440	VV	9949	150765	2.95%	0.071%
330	15.453	15.440	15.472	VV	5032	70487	1.38%	0.033%
331	15.489	15.472	15.512	VV	3860	56878	1.11%	0.027%
332	15.615	15.512	15.643	VV	5190	170311	3.33%	0.080%
333	15.683	15.643	15.705	VV	3576	106701	2.09%	0.050%
334	15.736	15.705	15.776	VV	5651	136154	2.66%	0.064%
335	15.801	15.776	15.814	VV	2371	47367	0.93%	0.022%
336	15.819	15.814	15.829	VV	2072	18610	0.36%	0.009%
337	15.857	15.829	15.903	VV	15528	295553	5.78%	0.140%
338	15.923	15.903	15.942	VV	4746	81517	1.59%	0.038%
339	15.953	15.942	15.969	VV	3328	43815	0.86%	0.021%
340	15.990	15.969	16.009	VV	3531	62917	1.23%	0.030%
341	16.054	16.009	16.084	VV	7267	220195	4.30%	0.104%
342	16.160	16.084	16.203	VV	14254	560748	10.96%	0.265%
343	16.232	16.203	16.279	VV	26482	618568	12.09%	0.292%
344	16.343	16.279	16.402	VV	38939	1039835	20.33%	0.491%
345	16.417	16.402	16.450	VV	11657	283525	5.54%	0.134%
346	16.476	16.450	16.517	VV	24314	590765	11.55%	0.279%
347	16.525	16.517	16.545	VV	10980	171871	3.36%	0.081%
348	16.552	16.545	16.589	VV	10291	232751	4.55%	0.110%
349	16.666	16.589	16.699	VV	23389	940362	18.38%	0.444%
350	16.726	16.699	16.765	VV	22763	613734	12.00%	0.290%
351	16.778	16.765	16.789	VV	13222	175454	3.43%	0.083%

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352	16.812	16.789	16.873	VV	27471	969171	18.95%	0.458%
353	16.894	16.873	16.917	VV	16157	376386	7.36%	0.178%
354	16.925	16.917	16.960	VV	13121	328492	6.42%	0.155%
355	17.043	16.960	17.072	VV	18535	1006380	19.68%	0.475%
356	17.085	17.072	17.096	VV	15034	202387	3.96%	0.096%
357	17.129	17.096	17.160	VV	18747	644372	12.60%	0.304%
358	17.182	17.160	17.210	VV	25155	602584	11.78%	0.285%
359	17.229	17.210	17.242	VV	19120	329956	6.45%	0.156%
360	17.265	17.242	17.317	VV	36548	1008807	19.72%	0.476%
361	17.369	17.317	17.413	VV	21112	1027323	20.08%	0.485%
362	17.432	17.413	17.483	VV	17216	650567	12.72%	0.307%
363	17.500	17.483	17.514	VV	14976	254179	4.97%	0.120%
364	17.553	17.514	17.570	VV	16539	515478	10.08%	0.243%
365	17.603	17.570	17.634	VV	19063	638013	12.47%	0.301%
366	17.703	17.634	17.734	VV	38566	1445692	28.26%	0.683%
367	17.747	17.734	17.765	VV	18071	323461	6.32%	0.153%
368	17.795	17.765	17.814	VV	22161	551123	10.77%	0.260%
369	17.848	17.814	17.862	VV	24893	632363	12.36%	0.299%
370	17.880	17.862	17.920	VV	23647	761465	14.89%	0.360%
371	17.935	17.920	17.950	VV	21674	361088	7.06%	0.170%
372	17.977	17.950	18.007	VV	27576	795427	15.55%	0.376%
373	18.027	18.007	18.039	VV	24614	437318	8.55%	0.206%
374	18.065	18.039	18.097	VV	55347	1317555	25.76%	0.622%
375	18.129	18.097	18.190	VV	44294	1656427	32.38%	0.782%
376	18.219	18.190	18.263	VV	30442	1077389	21.06%	0.509%
377	18.279	18.263	18.320	VV	22472	705247	13.79%	0.333%
378	18.377	18.320	18.464	VV	31526	1943709	38.00%	0.918%
379	18.550	18.464	18.589	VV	51432	2287570	44.72%	1.080%
380	18.606	18.589	18.624	VV	26094	504236	9.86%	0.238%
381	18.642	18.624	18.669	VV	33582	754319	14.75%	0.356%
382	18.695	18.669	18.735	VV	27522	980493	19.17%	0.463%
383	18.743	18.735	18.765	VV	23306	383142	7.49%	0.181%
384	18.816	18.765	18.842	VV	24264	1017262	19.89%	0.480%
385	18.848	18.842	18.862	VV	23200	263455	5.15%	0.124%
386	18.900	18.862	18.927	VV	61499	1514340	29.61%	0.715%
387	18.947	18.927	18.995	VV	37572	1278749	25.00%	0.604%
388	19.022	18.995	19.042	VV	29142	740039	14.47%	0.349%
389	19.105	19.042	19.177	VV	66805	2862756	55.97%	1.352%
390	19.182	19.177	19.209	VV	26362	479700	9.38%	0.226%
391	19.236	19.209	19.261	VV	27043	779475	15.24%	0.368%
392	19.267	19.261	19.275	VV	23693	195997	3.83%	0.093%
393	19.291	19.275	19.304	VV	24331	402785	7.87%	0.190%
394	19.337	19.304	19.380	VV	28990	1238553	24.21%	0.585%
395	19.396	19.380	19.415	VV	30382	580708	11.35%	0.274%
396	19.444	19.415	19.474	VV	31081	1015751	19.86%	0.480%
397	19.507	19.474	19.525	VV	30797	884022	17.28%	0.417%
398	19.541	19.525	19.584	VV	30616	1006676	19.68%	0.475%
399	19.627	19.584	19.660	VV	104683	2612361	51.07%	1.233%
400	19.681	19.660	19.734	VV	53408	1718745	33.60%	0.812%
401	19.745	19.734	19.781	VV	31892	874576	17.10%	0.413%
402	19.793	19.781	19.815	VV	29986	584994	11.44%	0.276%
403	19.844	19.815	19.854	VV	30927	682825	13.35%	0.322%
404	19.869	19.854	19.879	VV	31400	463245	9.06%	0.219%

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405	19.960	19.879	19.980	VV	37782	2110889	41.27%	0.997%	
406	19.989	19.980	19.999	VV	34110	374187	7.32%	0.177%	
407	20.007	19.999	20.015	VV	33925	329313	6.44%	0.155%	
408	20.121	20.015	20.165	VV	132492	4962421	97.02%	2.343%	
409	20.173	20.165	20.190	VV	35543	516486	10.10%	0.244%	
410	20.244	20.190	20.269	VV	54670	1992625	38.96%	0.941%	
411	20.286	20.269	20.381	VV	44698	2587072	50.58%	1.222%	
412	20.433	20.381	20.525	VV	37684	2926581	57.22%	1.382%	
413	20.605	20.525	20.668	VV	150202	5114921	100.00%	2.415%	
414	20.675	20.668	20.695	VV	30336	503834	9.85%	0.238%	
415	20.711	20.695	20.762	VV	30215	1185759	23.18%	0.560%	
416	20.770	20.762	20.792	VV	30129	520773	10.18%	0.246%	
417	20.828	20.792	20.857	VV	33151	1180922	23.09%	0.558%	
418	20.868	20.857	20.892	VV	27916	565726	11.06%	0.267%	
419	20.896	20.892	20.909	VV	27045	261583	5.11%	0.124%	
420	20.917	20.909	20.934	VV	27342	397108	7.76%	0.187%	
421	20.943	20.934	20.970	VV	26839	573634	11.21%	0.271%	
422	20.976	20.970	20.999	VV	26510	433672	8.48%	0.205%	
423	21.005	20.999	21.029	VV	26303	448237	8.76%	0.212%	
424	21.061	21.029	21.076	VV	25772	713685	13.95%	0.337%	
425	21.141	21.076	21.204	VV	145796	4762162	93.10%	2.249%	
426	21.255	21.204	21.293	VV	25579	1221424	23.88%	0.577%	
427	21.314	21.293	21.330	VV	22369	474857	9.28%	0.224%	
428	21.353	21.330	21.368	VV	21884	483181	9.45%	0.228%	
429	21.378	21.368	21.417	VV	20510	578809	11.32%	0.273%	
430	21.427	21.417	21.464	VV	19889	529900	10.36%	0.250%	
431	21.478	21.464	21.521	VV	18898	616675	12.06%	0.291%	
432	21.541	21.521	21.564	VV	17942	439388	8.59%	0.207%	
433	21.585	21.564	21.600	VV	17025	363324	7.10%	0.172%	
434	21.673	21.600	21.682	VV	22681	933607	18.25%	0.441%	
435	21.765	21.682	21.820	VBA	130500	5001188	97.78%	2.361%	

Sum of corrected areas: 211792652

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