

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120123\
 Data File : FG013224.D
 Signal(s) : FID1A.ch
 Acq On : 01 Dec 2023 14:05
 Sample : 05588-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG111023.M
 Title :

Signal : FID1A.ch

peak #	R. T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.956	1.918	1.980	BV	453	5477	0.08%	0.001%
2	2.006	1.980	2.023	PV	895	12164	0.17%	0.003%
3	2.026	2.023	2.041	VV	334	2969	0.04%	0.001%
4	2.080	2.041	2.121	VV	1270	32039	0.46%	0.009%
5	2.125	2.121	2.130	VV	106	517	0.01%	0.000%
6	2.134	2.130	2.138	VV	129	489	0.01%	0.000%
7	2.143	2.138	2.169	VV	141	2162	0.03%	0.001%
8	2.172	2.169	2.194	VV	133	1068	0.02%	0.000%
9	2.207	2.194	2.223	PV	113	814	0.01%	0.000%
10	2.254	2.223	2.280	VV	272	5216	0.07%	0.001%
11	2.297	2.280	2.327	VV	837	13793	0.20%	0.004%
12	2.358	2.327	2.391	VV	2837	44015	0.63%	0.012%
13	2.420	2.391	2.457	VV	2892	52629	0.75%	0.014%
14	2.482	2.457	2.498	VV	1248	18446	0.26%	0.005%
15	2.514	2.498	2.564	VV	1088	25140	0.36%	0.007%
16	2.571	2.564	2.612	VV	290	4806	0.07%	0.001%
17	2.670	2.612	2.696	VV	2233	45769	0.66%	0.012%
18	2.716	2.696	2.740	VV	537	8112	0.12%	0.002%
19	2.768	2.740	2.823	VV	1910	41284	0.59%	0.011%
20	2.840	2.823	2.857	VV	634	9469	0.14%	0.003%
21	2.879	2.857	2.911	VV	1368	27474	0.39%	0.007%
22	2.916	2.911	2.929	VV	369	3633	0.05%	0.001%
23	2.972	2.929	2.994	VV	2700	62307	0.89%	0.017%
24	3.007	2.994	3.022	VV	1673	25476	0.36%	0.007%
25	3.032	3.022	3.060	VV	1779	26236	0.38%	0.007%
26	3.079	3.060	3.096	VV	1340	20733	0.30%	0.006%
27	3.115	3.096	3.176	VV	1625	40219	0.58%	0.011%
28	3.203	3.176	3.228	VV	532	10085	0.14%	0.003%
29	3.233	3.228	3.239	VV	287	1452	0.02%	0.000%
30	3.244	3.239	3.249	VV	223	1161	0.02%	0.000%
31	3.253	3.249	3.280	VV	252	3436	0.05%	0.001%
32	3.298	3.280	3.308	VV	297	3509	0.05%	0.001%
33	3.336	3.308	3.376	VV	1499	32957	0.47%	0.009%
34	3.381	3.376	3.385	VV	275	1125	0.02%	0.000%
35	3.390	3.385	3.410	VV	263	2730	0.04%	0.001%
36	3.415	3.410	3.429	VV	123	1022	0.01%	0.000%

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37	3. 477	3. 429	3. 498	VV	526	14332	0. 21%	0. 004%
38	3. 510	3. 498	3. 533	VV	542	8326	0. 12%	0. 002%
39	3. 578	3. 533	3. 606	VV	791	21546	0. 31%	0. 006%
40	3. 620	3. 606	3. 633	VV	517	7227	0. 10%	0. 002%
41	3. 652	3. 633	3. 683	VV	865	22027	0. 32%	0. 006%
42	3. 691	3. 683	3. 716	VV	906	15358	0. 22%	0. 004%
43	3. 730	3. 716	3. 766	VV	917	18696	0. 27%	0. 005%
44	3. 788	3. 766	3. 814	VV	1566	26333	0. 38%	0. 007%
45	3. 824	3. 814	3. 850	VV	666	11312	0. 16%	0. 003%
46	3. 869	3. 850	3. 883	VV	520	8510	0. 12%	0. 002%
47	3. 894	3. 883	3. 906	VV	496	5079	0. 07%	0. 001%
48	3. 926	3. 906	3. 942	VV	1455	19160	0. 27%	0. 005%
49	3. 948	3. 942	3. 964	VV	775	7894	0. 11%	0. 002%
50	3. 976	3. 964	3. 996	VV	493	6554	0. 09%	0. 002%
51	4. 026	3. 996	4. 090	VV	1119	24176	0. 35%	0. 006%
52	4. 142	4. 090	4. 181	PV	2386	48807	0. 70%	0. 013%
53	4. 203	4. 181	4. 215	VV	1004	15224	0. 22%	0. 004%
54	4. 237	4. 215	4. 279	VV	1341	27999	0. 40%	0. 007%
55	4. 318	4. 279	4. 335	VV	3214	53381	0. 76%	0. 014%
56	4. 340	4. 335	4. 347	VV	1426	9907	0. 14%	0. 003%
57	4. 362	4. 347	4. 393	VV	2623	44938	0. 64%	0. 012%
58	4. 406	4. 393	4. 447	VV	965	21592	0. 31%	0. 006%
59	4. 457	4. 447	4. 479	VV	431	7469	0. 11%	0. 002%
60	4. 484	4. 479	4. 508	VV	434	5646	0. 08%	0. 002%
61	4. 513	4. 508	4. 519	VV	277	1506	0. 02%	0. 000%
62	4. 531	4. 519	4. 559	VV	518	7719	0. 11%	0. 002%
63	4. 593	4. 559	4. 615	VV	2231	27572	0. 39%	0. 007%
64	4. 634	4. 615	4. 652	VV	1251	15317	0. 22%	0. 004%
65	4. 673	4. 652	4. 695	VV	711	12455	0. 18%	0. 003%
66	4. 704	4. 695	4. 708	VV	435	3247	0. 05%	0. 001%
67	4. 715	4. 708	4. 735	VV	434	5626	0. 08%	0. 002%
68	4. 765	4. 735	4. 798	VV	1664	35059	0. 50%	0. 009%
69	4. 829	4. 798	4. 860	VV	1484	33394	0. 48%	0. 009%
70	4. 878	4. 860	4. 892	VV	1102	13672	0. 20%	0. 004%
71	4. 908	4. 892	4. 926	VV	882	13435	0. 19%	0. 004%
72	4. 964	4. 926	4. 972	VV	885	18136	0. 26%	0. 005%
73	4. 982	4. 972	4. 994	VV	1022	11622	0. 17%	0. 003%
74	5. 012	4. 994	5. 028	VV	1681	22359	0. 32%	0. 006%
75	5. 056	5. 028	5. 083	VV	1321	29099	0. 42%	0. 008%
76	5. 098	5. 083	5. 140	VV	1844	37904	0. 54%	0. 010%
77	5. 154	5. 140	5. 161	VV	765	8346	0. 12%	0. 002%
78	5. 178	5. 161	5. 198	VV	1186	19726	0. 28%	0. 005%
79	5. 212	5. 198	5. 241	VV	1047	17648	0. 25%	0. 005%
80	5. 246	5. 241	5. 249	VV	372	1846	0. 03%	0. 000%
81	5. 271	5. 249	5. 287	VV	685	10960	0. 16%	0. 003%
82	5. 304	5. 287	5. 332	VV	1862	33981	0. 49%	0. 009%
83	5. 350	5. 332	5. 369	VV	1436	21741	0. 31%	0. 006%
84	5. 384	5. 369	5. 399	VV	1990	21987	0. 31%	0. 006%
85	5. 414	5. 399	5. 457	VV	1703	25033	0. 36%	0. 007%
86	5. 484	5. 457	5. 495	PV	431	5182	0. 07%	0. 001%
87	5. 514	5. 495	5. 523	VV	480	6429	0. 09%	0. 002%
88	5. 541	5. 523	5. 568	VV	2844	37372	0. 54%	0. 010%
89	5. 587	5. 568	5. 599	VV	1101	17022	0. 24%	0. 005%

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90	5. 610	5. 599	5. 636	VV	1129	14835	0. 21%	0. 004%
91	5. 641	5. 636	5. 652	VV	216	1924	0. 03%	0. 001%
92	5. 674	5. 652	5. 713	VV	2385	31609	0. 45%	0. 008%
93	5. 734	5. 713	5. 752	VV	5378	60073	0. 86%	0. 016%
94	5. 767	5. 752	5. 798	VV	2385	35556	0. 51%	0. 010%
95	5. 808	5. 798	5. 828	VV	619	6261	0. 09%	0. 002%
96	5. 848	5. 828	5. 904	VV	1590	26836	0. 38%	0. 007%
97	5. 927	5. 904	5. 952	VV	2222	31470	0. 45%	0. 008%
98	5. 961	5. 952	5. 972	VV	465	4181	0. 06%	0. 001%
99	6. 003	5. 972	6. 013	VV	692	11609	0. 17%	0. 003%
100	6. 030	6. 013	6. 043	VV	2762	32127	0. 46%	0. 009%
101	6. 051	6. 043	6. 077	VV	1943	26414	0. 38%	0. 007%
102	6. 087	6. 077	6. 113	VV	1146	15060	0. 22%	0. 004%
103	6. 126	6. 113	6. 141	VV	1292	12598	0. 18%	0. 003%
104	6. 167	6. 141	6. 194	VV	927	21543	0. 31%	0. 006%
105	6. 215	6. 194	6. 237	VV	1546	19700	0. 28%	0. 005%
106	6. 271	6. 237	6. 289	VV	1511	26033	0. 37%	0. 007%
107	6. 314	6. 289	6. 357	VV	4603	83302	1. 19%	0. 022%
108	6. 364	6. 357	6. 389	VV	1205	13952	0. 20%	0. 004%
109	6. 412	6. 389	6. 433	VV	1420	17867	0. 26%	0. 005%
110	6. 453	6. 433	6. 462	VV	1392	16108	0. 23%	0. 004%
111	6. 475	6. 462	6. 490	VV	1759	24401	0. 35%	0. 007%
112	6. 495	6. 490	6. 524	VV	1108	12979	0. 19%	0. 003%
113	6. 541	6. 524	6. 555	PV	1079	11470	0. 16%	0. 003%
114	6. 560	6. 555	6. 571	VV	590	5718	0. 08%	0. 002%
115	6. 608	6. 571	6. 632	VV	2479	49551	0. 71%	0. 013%
116	6. 655	6. 632	6. 673	VV	998	19922	0. 29%	0. 005%
117	6. 691	6. 673	6. 704	VV	1469	20753	0. 30%	0. 006%
118	6. 719	6. 704	6. 746	VV	2436	29905	0. 43%	0. 008%
119	6. 769	6. 746	6. 793	VV	6124	71883	1. 03%	0. 019%
120	6. 805	6. 793	6. 823	VV	1281	15174	0. 22%	0. 004%
121	6. 830	6. 823	6. 836	VV	451	3206	0. 05%	0. 001%
122	6. 854	6. 836	6. 869	VV	970	14477	0. 21%	0. 004%
123	6. 886	6. 869	6. 905	VV	1157	18079	0. 26%	0. 005%
124	6. 922	6. 905	6. 945	VV	2965	34844	0. 50%	0. 009%
125	6. 969	6. 945	6. 989	VV	1285	23031	0. 33%	0. 006%
126	6. 994	6. 989	7. 011	VV	473	3869	0. 06%	0. 001%
127	7. 027	7. 011	7. 038	VV	448	4858	0. 07%	0. 001%
128	7. 055	7. 038	7. 075	VV	2006	21387	0. 31%	0. 006%
129	7. 103	7. 075	7. 132	PV	1293	25745	0. 37%	0. 007%
130	7. 135	7. 132	7. 147	VV	573	3567	0. 05%	0. 001%
131	7. 180	7. 147	7. 202	VV	2528	36140	0. 52%	0. 010%
132	7. 221	7. 202	7. 235	VV	944	13645	0. 20%	0. 004%
133	7. 260	7. 235	7. 272	VV	1819	25317	0. 36%	0. 007%
134	7. 301	7. 272	7. 326	VV	2310	54903	0. 79%	0. 015%
135	7. 345	7. 326	7. 376	VV	2900	44848	0. 64%	0. 012%
136	7. 411	7. 376	7. 434	VV	5541	84859	1. 21%	0. 023%
137	7. 447	7. 434	7. 473	VV	1608	26500	0. 38%	0. 007%
138	7. 491	7. 473	7. 532	VV	3182	50008	0. 72%	0. 013%
139	7. 550	7. 532	7. 572	VV	3415	40547	0. 58%	0. 011%
140	7. 589	7. 572	7. 609	VV	2772	36621	0. 52%	0. 010%
141	7. 617	7. 609	7. 632	VV	1196	14287	0. 20%	0. 004%

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142	7. 644	7. 632	7. 658	VV	973	12488	0. 18%	0. 003%
143	7. 676	7. 658	7. 688	VV	995	14641	0. 21%	0. 004%
144	7. 718	7. 688	7. 750	VV	8091	114453	1. 64%	0. 031%
145	7. 760	7. 750	7. 775	VV	802	11056	0. 16%	0. 003%
146	7. 789	7. 775	7. 799	VV	1007	12608	0. 18%	0. 003%
147	7. 807	7. 799	7. 824	VV	912	10699	0. 15%	0. 003%
148	7. 848	7. 824	7. 871	VV	948	17360	0. 25%	0. 005%
149	7. 896	7. 871	7. 925	VV	2005	34422	0. 49%	0. 009%
150	7. 948	7. 925	7. 967	VV	900	15496	0. 22%	0. 004%
151	7. 990	7. 967	7. 999	PV	382	5238	0. 07%	0. 001%
152	8. 015	7. 999	8. 028	VV	892	9768	0. 14%	0. 003%
153	8. 039	8. 028	8. 043	VV	548	4542	0. 07%	0. 001%
154	8. 062	8. 043	8. 076	VV	1089	15478	0. 22%	0. 004%
155	8. 089	8. 076	8. 111	VV	774	11875	0. 17%	0. 003%
156	8. 114	8. 111	8. 123	VV	416	2444	0. 03%	0. 001%
157	8. 150	8. 123	8. 171	VV	2380	45854	0. 66%	0. 012%
158	8. 179	8. 171	8. 193	VV	1623	19115	0. 27%	0. 005%
159	8. 204	8. 193	8. 228	VV	1556	20044	0. 29%	0. 005%
160	8. 248	8. 228	8. 271	VV	1306	17777	0. 25%	0. 005%
161	8. 295	8. 271	8. 322	VV	2199	36666	0. 52%	0. 010%
162	8. 339	8. 322	8. 373	VV	2699	51357	0. 74%	0. 014%
163	8. 377	8. 373	8. 393	VV	726	7266	0. 10%	0. 002%
164	8. 422	8. 393	8. 464	VV	4499	78494	1. 12%	0. 021%
165	8. 499	8. 464	8. 519	VV	4102	81394	1. 17%	0. 022%
166	8. 530	8. 519	8. 546	VV	3616	42394	0. 61%	0. 011%
167	8. 561	8. 546	8. 577	VV	2865	38716	0. 55%	0. 010%
168	8. 603	8. 577	8. 637	VV	9528	144420	2. 07%	0. 039%
169	8. 649	8. 637	8. 666	VV	1272	16446	0. 24%	0. 004%
170	8. 719	8. 666	8. 751	VV	6775	158298	2. 27%	0. 042%
171	8. 768	8. 751	8. 804	VV	3544	60225	0. 86%	0. 016%
172	8. 813	8. 804	8. 818	VV	1003	7914	0. 11%	0. 002%
173	8. 826	8. 818	8. 843	VV	1047	12290	0. 18%	0. 003%
174	8. 855	8. 843	8. 883	VV	877	14593	0. 21%	0. 004%
175	8. 893	8. 883	8. 920	VV	574	7843	0. 11%	0. 002%
176	8. 970	8. 920	8. 988	PV	3021	49382	0. 71%	0. 013%
177	9. 016	8. 988	9. 044	VV	3153	68408	0. 98%	0. 018%
178	9. 067	9. 044	9. 088	VV	4564	69047	0. 99%	0. 018%
179	9. 103	9. 088	9. 117	VV	2683	37141	0. 53%	0. 010%
180	9. 142	9. 117	9. 171	VV	6417	104468	1. 50%	0. 028%
181	9. 198	9. 171	9. 206	VV	1796	23768	0. 34%	0. 006%
182	9. 212	9. 206	9. 225	VV	1628	18131	0. 26%	0. 005%
183	9. 233	9. 225	9. 241	VV	1626	14695	0. 21%	0. 004%
184	9. 258	9. 241	9. 279	VV	3680	54621	0. 78%	0. 015%
185	9. 294	9. 279	9. 315	VV	2388	30183	0. 43%	0. 008%
186	9. 351	9. 315	9. 396	VV	4252	97738	1. 40%	0. 026%
187	9. 404	9. 396	9. 409	VV	897	7055	0. 10%	0. 002%
188	9. 433	9. 409	9. 457	VV	10417	124261	1. 78%	0. 033%
189	9. 473	9. 457	9. 502	VV	3652	46035	0. 66%	0. 012%
190	9. 523	9. 502	9. 557	VV	1075	17201	0. 25%	0. 005%
191	9. 588	9. 557	9. 607	VV	3245	38406	0. 55%	0. 010%
192	9. 622	9. 607	9. 652	VV	2277	26843	0. 38%	0. 007%
193	9. 672	9. 652	9. 695	VV	1078	14685	0. 21%	0. 004%
194	9. 726	9. 695	9. 745	VV	2842	41304	0. 59%	0. 011%

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195	9.764	9.745	9.786	VV	5239	71408	1.02%	0.019%
196	9.811	9.786	9.820	VV	3515	48526	0.69%	0.013%
197	9.832	9.820	9.865	VV	4279	68840	0.99%	0.018%
198	9.889	9.865	9.923	VV	4583	92530	1.32%	0.025%
199	9.937	9.923	9.947	VV	2004	25078	0.36%	0.007%
200	9.963	9.947	9.981	VV	2678	42756	0.61%	0.011%
201	9.994	9.981	10.006	VV	2243	28509	0.41%	0.008%
202	10.016	10.006	10.030	VV	2037	26718	0.38%	0.007%
203	10.041	10.030	10.066	VV	1853	32665	0.47%	0.009%
204	10.081	10.066	10.087	VV	969	11724	0.17%	0.003%
205	10.092	10.087	10.113	VV	1001	10455	0.15%	0.003%
206	10.154	10.113	10.177	VV	5310	122069	1.75%	0.033%
207	10.182	10.177	10.199	VV	2324	26371	0.38%	0.007%
208	10.218	10.199	10.250	VV	9734	143130	2.05%	0.038%
209	10.258	10.250	10.285	VV	2458	33933	0.49%	0.009%
210	10.301	10.285	10.313	VV	1124	14726	0.21%	0.004%
211	10.328	10.313	10.358	VV	1537	24169	0.35%	0.006%
212	10.397	10.358	10.446	PV	1939	51695	0.74%	0.014%
213	10.453	10.446	10.458	VV	284	1769	0.03%	0.000%
214	10.464	10.458	10.473	VV	216	1369	0.02%	0.000%
215	10.495	10.473	10.502	PV	797	8263	0.12%	0.002%
216	10.521	10.502	10.541	VV	1718	26353	0.38%	0.007%
217	10.561	10.541	10.586	VV	2830	45132	0.65%	0.012%
218	10.608	10.586	10.631	VV	6332	89944	1.29%	0.024%
219	10.669	10.631	10.683	VV	3880	75955	1.09%	0.020%
220	10.697	10.683	10.722	VV	4083	54909	0.79%	0.015%
221	10.750	10.722	10.781	VV	2867	58947	0.84%	0.016%
222	10.813	10.781	10.850	VV	3299	75961	1.09%	0.020%
223	10.873	10.850	10.901	VV	5086	100970	1.45%	0.027%
224	10.915	10.901	10.932	VV	4179	54858	0.79%	0.015%
225	10.959	10.932	10.976	VV	10985	148012	2.12%	0.040%
226	10.987	10.976	11.002	VV	4813	54578	0.78%	0.015%
227	11.030	11.002	11.079	VV	12716	234248	3.35%	0.063%
228	11.089	11.079	11.108	VV	2131	31598	0.45%	0.008%
229	11.121	11.108	11.140	VV	2723	33587	0.48%	0.009%
230	11.161	11.140	11.169	VV	1083	16535	0.24%	0.004%
231	11.187	11.169	11.198	VV	1972	24730	0.35%	0.007%
232	11.223	11.198	11.265	VV	56147	643517	9.21%	0.172%
233	11.299	11.265	11.330	VV	22227	281660	4.03%	0.075%
234	11.353	11.330	11.375	VV	3352	61267	0.88%	0.016%
235	11.379	11.375	11.387	VV	1474	9726	0.14%	0.003%
236	11.392	11.387	11.397	VV	1192	6353	0.09%	0.002%
237	11.411	11.397	11.426	VV	1620	21635	0.31%	0.006%
238	11.440	11.426	11.457	VV	1214	15581	0.22%	0.004%
239	11.472	11.457	11.489	VV	1612	18866	0.27%	0.005%
240	11.517	11.489	11.553	VV	3550	69217	0.99%	0.019%
241	11.593	11.553	11.606	PV	2110	38831	0.56%	0.010%
242	11.636	11.606	11.648	VV	4919	79709	1.14%	0.021%
243	11.665	11.648	11.698	VV	11489	152752	2.19%	0.041%
244	11.757	11.698	11.790	VV	17270	300597	4.30%	0.080%
245	11.826	11.790	11.842	VV	3983	60567	0.87%	0.016%
246	11.863	11.842	11.867	VV	3175	34527	0.49%	0.009%

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247	11. 877	11. 867	11. 897	VV	3657	45610	0. 65%	0. 012%
248	11. 923	11. 897	11. 944	VV	4905	73867	1. 06%	0. 020%
249	11. 961	11. 944	11. 969	VV	2195	27322	0. 39%	0. 007%
250	11. 977	11. 969	12. 004	VV	1976	28930	0. 41%	0. 008%
251	12. 030	12. 004	12. 046	VV	27601	321452	4. 60%	0. 086%
252	12. 061	12. 046	12. 103	VV	32763	410340	5. 87%	0. 110%
253	12. 127	12. 103	12. 137	VV	12920	156459	2. 24%	0. 042%
254	12. 145	12. 137	12. 161	VV	11359	121373	1. 74%	0. 032%
255	12. 180	12. 161	12. 194	VV	23256	260470	3. 73%	0. 070%
256	12. 212	12. 194	12. 254	VV	27955	348912	5. 00%	0. 093%
257	12. 279	12. 254	12. 283	PV	2224	21231	0. 30%	0. 006%
258	12. 288	12. 283	12. 304	VV	2363	24784	0. 35%	0. 007%
259	12. 339	12. 304	12. 375	VV	11697	233242	3. 34%	0. 062%
260	12. 395	12. 375	12. 412	VV	9342	120942	1. 73%	0. 032%
261	12. 426	12. 412	12. 457	VV	5106	106775	1. 53%	0. 029%
262	12. 465	12. 457	12. 479	VV	1687	17307	0. 25%	0. 005%
263	12. 502	12. 479	12. 526	VV	24285	285763	4. 09%	0. 076%
264	12. 535	12. 526	12. 547	VV	2765	27029	0. 39%	0. 007%
265	12. 592	12. 547	12. 629	VV	55027	735216	10. 53%	0. 197%
266	12. 650	12. 629	12. 668	VV	8008	109730	1. 57%	0. 029%
267	12. 684	12. 668	12. 698	VV	2983	34205	0. 49%	0. 009%
268	12. 714	12. 698	12. 724	VV	4128	44865	0. 64%	0. 012%
269	12. 754	12. 724	12. 769	VV	9515	152433	2. 18%	0. 041%
270	12. 779	12. 769	12. 802	VV	4707	61586	0. 88%	0. 016%
271	12. 826	12. 802	12. 865	VV	12367	211829	3. 03%	0. 057%
272	12. 890	12. 865	12. 915	VV	22086	291939	4. 18%	0. 078%
273	12. 937	12. 915	12. 956	VV	26750	353667	5. 06%	0. 095%
274	12. 980	12. 956	12. 995	VV	21726	356457	5. 10%	0. 095%
275	13. 000	12. 995	13. 026	VV	13166	134474	1. 93%	0. 036%
276	13. 058	13. 026	13. 091	VV	285601	3215746	46. 04%	0. 860%
277	13. 096	13. 091	13. 109	VV	1578	13025	0. 19%	0. 003%
278	13. 122	13. 109	13. 136	VV	1198	13841	0. 20%	0. 004%
279	13. 153	13. 136	13. 169	PV	2485	26037	0. 37%	0. 007%
280	13. 210	13. 169	13. 225	VV	10087	168545	2. 41%	0. 045%
281	13. 243	13. 225	13. 254	VV	11768	143058	2. 05%	0. 038%
282	13. 265	13. 254	13. 305	VV	12545	222507	3. 19%	0. 060%
283	13. 312	13. 305	13. 327	VV	3928	33931	0. 49%	0. 009%
284	13. 360	13. 327	13. 391	VV	316508	3615034	51. 75%	0. 967%
285	13. 410	13. 391	13. 425	VV	17879	214091	3. 06%	0. 057%
286	13. 441	13. 425	13. 465	VV	25365	301468	4. 32%	0. 081%
287	13. 496	13. 465	13. 510	VV	5433	105366	1. 51%	0. 028%
288	13. 527	13. 510	13. 546	VV	10145	142471	2. 04%	0. 038%
289	13. 558	13. 546	13. 577	VV	5244	64298	0. 92%	0. 017%
290	13. 599	13. 577	13. 604	VV	10586	100817	1. 44%	0. 027%
291	13. 621	13. 604	13. 648	VV	17798	317990	4. 55%	0. 085%
292	13. 660	13. 648	13. 673	VV	9550	121606	1. 74%	0. 033%
293	13. 686	13. 673	13. 722	VV	10139	160525	2. 30%	0. 043%
294	13. 754	13. 722	13. 763	PV	9340	110673	1. 58%	0. 030%
295	13. 775	13. 763	13. 793	VV	7073	105871	1. 52%	0. 028%
296	13. 821	13. 793	13. 850	VV	31593	535850	7. 67%	0. 143%
297	13. 867	13. 850	13. 887	VV	5542	100237	1. 44%	0. 027%
298	13. 945	13. 887	13. 974	VV	23728	590579	8. 45%	0. 158%
299	14. 013	13. 974	14. 035	VV	6943	140438	2. 01%	0. 038%

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300	14.053	14.035	14.070	VV	4008	63152	0.90%	0.017%
301	14.095	14.070	14.116	VV	35208	435345	6.23%	0.116%
302	14.134	14.116	14.162	VV	8642	143914	2.06%	0.038%
303	14.190	14.162	14.197	VV	16494	220693	3.16%	0.059%
304	14.226	14.197	14.249	VV	32103	568445	8.14%	0.152%
305	14.267	14.249	14.296	VV	28842	338889	4.85%	0.091%
306	14.342	14.296	14.363	VV	5036	91273	1.31%	0.024%
307	14.378	14.363	14.382	VV	2516	15374	0.22%	0.004%
308	14.419	14.382	14.440	VV	6770	158475	2.27%	0.042%
309	14.457	14.440	14.468	VV	2666	31881	0.46%	0.009%
310	14.478	14.468	14.494	VV	2119	20356	0.29%	0.005%
311	14.505	14.494	14.511	VV	1726	8727	0.12%	0.002%
312	14.514	14.511	14.524	VV	751	2626	0.04%	0.001%
313	14.538	14.524	14.560	PV	1929	23283	0.33%	0.006%
314	14.565	14.560	14.570	VV	1391	5580	0.08%	0.001%
315	14.623	14.570	14.638	VV	5145	132772	1.90%	0.036%
316	14.655	14.638	14.665	VV	5615	73500	1.05%	0.020%
317	14.688	14.665	14.729	VV	48904	660155	9.45%	0.177%
318	14.753	14.729	14.772	VV	10332	129526	1.85%	0.035%
319	14.787	14.772	14.802	VV	7841	101775	1.46%	0.027%
320	14.814	14.802	14.835	VV	7385	114976	1.65%	0.031%
321	14.864	14.835	14.906	VV	28271	546035	7.82%	0.146%
322	14.929	14.906	14.952	VV	50572	687884	9.85%	0.184%
323	14.994	14.952	15.035	VV	37524	687099	9.84%	0.184%
324	15.054	15.035	15.061	VV	5585	66048	0.95%	0.018%
325	15.090	15.061	15.145	VV	107550	1614355	23.11%	0.432%
326	15.162	15.145	15.180	VV	7909	111537	1.60%	0.030%
327	15.196	15.180	15.210	VV	8227	105163	1.51%	0.028%
328	15.247	15.210	15.267	VV	190150	2458103	35.19%	0.658%
329	15.289	15.267	15.315	VV	210278	2500063	35.79%	0.669%
330	15.338	15.315	15.361	VV	14640	242542	3.47%	0.065%
331	15.366	15.361	15.368	VV	5677	21537	0.31%	0.006%
332	15.407	15.368	15.424	VV	18507	412833	5.91%	0.110%
333	15.429	15.424	15.432	VV	8605	42529	0.61%	0.011%
334	15.437	15.432	15.459	VV	9024	103230	1.48%	0.028%
335	15.489	15.459	15.520	VV	11930	229770	3.29%	0.061%
336	15.553	15.520	15.571	PV	18064	286275	4.10%	0.077%
337	15.591	15.571	15.597	VV	13774	186624	2.67%	0.050%
338	15.607	15.597	15.629	VV	12579	177979	2.55%	0.048%
339	15.631	15.629	15.651	VV	6262	55267	0.79%	0.015%
340	15.680	15.651	15.724	VV	36177	830748	11.89%	0.222%
341	15.731	15.724	15.760	VV	15474	229568	3.29%	0.061%
342	15.769	15.760	15.779	VV	7169	68005	0.97%	0.018%
343	15.784	15.779	15.789	VV	6335	30810	0.44%	0.008%
344	15.818	15.789	15.824	VV	18592	249587	3.57%	0.067%
345	15.829	15.824	15.849	VV	17451	232072	3.32%	0.062%
346	15.874	15.849	15.894	VV	18685	387169	5.54%	0.104%
347	15.921	15.894	15.942	VV	52819	792804	11.35%	0.212%
348	15.961	15.942	15.984	VV	27885	458712	6.57%	0.123%
349	16.006	15.984	16.017	VV	10180	182844	2.62%	0.049%
350	16.081	16.017	16.115	VV	26121	1006944	14.42%	0.269%
351	16.128	16.115	16.140	VV	15348	195580	2.80%	0.052%

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352	16. 159	16. 140	16. 180	VV	21191	373180	5. 34%	0. 100%
353	16. 209	16. 180	16. 226	VV	15611	378389	5. 42%	0. 101%
354	16. 246	16. 226	16. 268	VV	23631	440153	6. 30%	0. 118%
355	16. 292	16. 268	16. 304	VV	23734	386671	5. 54%	0. 103%
356	16. 321	16. 304	16. 335	VV	25114	410177	5. 87%	0. 110%
357	16. 363	16. 335	16. 384	VV	27001	634149	9. 08%	0. 170%
358	16. 389	16. 384	16. 394	VV	16201	92499	1. 32%	0. 025%
359	16. 408	16. 394	16. 412	VV	15591	158301	2. 27%	0. 042%
360	16. 417	16. 412	16. 427	VV	15485	129737	1. 86%	0. 035%
361	16. 434	16. 427	16. 447	VV	14706	157063	2. 25%	0. 042%
362	16. 462	16. 447	16. 472	VV	14236	192660	2. 76%	0. 052%
363	16. 521	16. 472	16. 538	VV	29949	879297	12. 59%	0. 235%
364	16. 549	16. 538	16. 587	VV	30418	716871	10. 26%	0. 192%
365	16. 609	16. 587	16. 614	VV	31998	436480	6. 25%	0. 117%
366	16. 629	16. 614	16. 649	VV	35838	648827	9. 29%	0. 174%
367	16. 669	16. 649	16. 683	VV	33878	631111	9. 04%	0. 169%
368	16. 692	16. 683	16. 698	VV	30088	242787	3. 48%	0. 065%
369	16. 702	16. 698	16. 708	VV	27512	160718	2. 30%	0. 043%
370	16. 726	16. 708	16. 742	VV	35823	647552	9. 27%	0. 173%
371	16. 755	16. 742	16. 769	VV	36764	535096	7. 66%	0. 143%
372	16. 773	16. 769	16. 781	VV	29310	205283	2. 94%	0. 055%
373	16. 823	16. 781	16. 840	VV	227927	3961390	56. 71%	1. 060%
374	16. 849	16. 840	16. 885	VV	115719	1748297	25. 03%	0. 468%
375	16. 899	16. 885	16. 922	VV	34418	717430	10. 27%	0. 192%
376	16. 951	16. 922	16. 992	VV	68958	1994436	28. 55%	0. 534%
377	17. 004	16. 992	17. 015	VV	42693	579282	8. 29%	0. 155%
378	17. 029	17. 015	17. 055	VV	43330	970438	13. 89%	0. 260%
379	17. 074	17. 055	17. 078	VV	43694	553666	7. 93%	0. 148%
380	17. 083	17. 078	17. 092	VV	43804	334494	4. 79%	0. 089%
381	17. 146	17. 092	17. 174	VV	165053	3894578	55. 76%	1. 042%
382	17. 206	17. 174	17. 232	VV	185226	3336817	47. 77%	0. 893%
383	17. 274	17. 232	17. 285	VV	65351	1686878	24. 15%	0. 451%
384	17. 306	17. 285	17. 331	VV	113513	2197605	31. 46%	0. 588%
385	17. 349	17. 331	17. 368	VV	60645	1227312	17. 57%	0. 328%
386	17. 374	17. 368	17. 388	VV	52716	625734	8. 96%	0. 167%
387	17. 409	17. 388	17. 415	VV	54971	847635	12. 13%	0. 227%
388	17. 461	17. 415	17. 487	VV	69408	2642440	37. 83%	0. 707%
389	17. 517	17. 487	17. 522	VV	69041	1361307	19. 49%	0. 364%
390	17. 529	17. 522	17. 550	VV	69851	1116313	15. 98%	0. 299%
391	17. 605	17. 550	17. 632	VV	75926	3278499	46. 94%	0. 877%
392	17. 679	17. 632	17. 684	VV	70135	2022798	28. 96%	0. 541%
393	17. 708	17. 684	17. 754	VV	93179	3299167	47. 23%	0. 883%
394	17. 780	17. 754	17. 792	VV	79163	1694895	24. 26%	0. 453%
395	17. 809	17. 792	17. 827	VV	80721	1543784	22. 10%	0. 413%
396	17. 853	17. 827	17. 890	VV	93433	2989692	42. 80%	0. 800%
397	17. 913	17. 890	17. 930	VV	84438	1821999	26. 08%	0. 487%
398	17. 941	17. 930	17. 949	VV	72551	798985	11. 44%	0. 214%
399	17. 954	17. 949	17. 962	VV	69461	517062	7. 40%	0. 138%
400	17. 969	17. 962	17. 977	VV	68967	597867	8. 56%	0. 160%
401	17. 982	17. 977	17. 986	VV	67608	368037	5. 27%	0. 098%
402	18. 012	17. 986	18. 033	VV	77108	2050243	29. 35%	0. 548%
403	18. 040	18. 033	18. 054	VV	74812	871546	12. 48%	0. 233%
404	18. 076	18. 054	18. 102	VV	91960	2406802	34. 46%	0. 644%

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405	18. 107	18. 102	18. 112	VV	82927	478145	6. 85%	0. 128%
406	18. 177	18. 112	18. 203	VV	113722	5115149	73. 23%	1. 368%
407	18. 207	18. 203	18. 218	VV	84489	742452	10. 63%	0. 199%
408	18. 224	18. 218	18. 244	VV	86763	1218270	17. 44%	0. 326%
409	18. 249	18. 244	18. 255	VV	77788	503767	7. 21%	0. 135%
410	18. 273	18. 255	18. 279	VV	84823	1176914	16. 85%	0. 315%
411	18. 329	18. 279	18. 354	VV	148722	5027814	71. 98%	1. 345%
412	18. 357	18. 354	18. 405	VV	115154	3025455	43. 31%	0. 809%
413	18. 424	18. 405	18. 428	VV	87753	1180885	16. 91%	0. 316%
414	18. 450	18. 428	18. 462	VV	91497	1807286	25. 87%	0. 483%
415	18. 498	18. 462	18. 511	VV	118297	2998052	42. 92%	0. 802%
416	18. 529	18. 511	18. 561	VV	116930	3166724	45. 34%	0. 847%
417	18. 591	18. 561	18. 615	VV	177213	4234735	60. 63%	1. 133%
418	18. 634	18. 615	18. 653	VV	107982	2311942	33. 10%	0. 618%
419	18. 699	18. 653	18. 717	VV	148585	4589156	65. 70%	1. 228%
420	18. 722	18. 717	18. 745	VV	124768	1959161	28. 05%	0. 524%
421	18. 753	18. 745	18. 799	VV	112575	3281760	46. 98%	0. 878%
422	18. 813	18. 799	18. 819	VV	94497	1110440	15. 90%	0. 297%
423	18. 850	18. 819	18. 880	VV	183315	4638290	66. 40%	1. 241%
424	18. 888	18. 880	18. 893	VV	102473	758680	10. 86%	0. 203%
425	18. 895	18. 893	18. 909	VV	101252	911564	13. 05%	0. 244%
426	18. 914	18. 909	18. 919	VV	94478	573506	8. 21%	0. 153%
427	18. 929	18. 919	18. 945	VV	97062	1479141	21. 18%	0. 396%
428	18. 982	18. 945	18. 988	VV	107734	2505387	35. 87%	0. 670%
429	19. 002	18. 988	19. 050	VV	116802	3751347	53. 70%	1. 004%
430	19. 054	19. 050	19. 059	VV	87380	481494	6. 89%	0. 129%
431	19. 074	19. 059	19. 095	VV	99199	2036427	29. 15%	0. 545%
432	19. 121	19. 095	19. 145	VV	139632	3460175	49. 54%	0. 926%
433	19. 172	19. 145	19. 199	VV	138214	3853413	55. 17%	1. 031%
434	19. 210	19. 199	19. 223	VV	104605	1462371	20. 94%	0. 391%
435	19. 231	19. 223	19. 236	VV	100098	745075	10. 67%	0. 199%
436	19. 240	19. 236	19. 245	VV	101452	554656	7. 94%	0. 148%
437	19. 276	19. 245	19. 286	VV	117414	2646721	37. 89%	0. 708%
438	19. 290	19. 286	19. 304	VV	115506	1227157	17. 57%	0. 328%
439	19. 308	19. 304	19. 314	VV	111166	647072	9. 26%	0. 173%
440	19. 330	19. 314	19. 341	VV	107239	1693104	24. 24%	0. 453%
441	19. 370	19. 341	19. 389	VV	122821	3207098	45. 91%	0. 858%
442	19. 406	19. 389	19. 427	VV	121749	2677378	38. 33%	0. 716%
443	19. 453	19. 427	19. 483	VV	134234	3935272	56. 34%	1. 053%
444	19. 526	19. 483	19. 535	VV	129045	3588609	51. 38%	0. 960%
445	19. 542	19. 535	19. 554	VV	125386	1313481	18. 80%	0. 351%
446	19. 568	19. 554	19. 580	VV	119201	1848143	26. 46%	0. 494%
447	19. 586	19. 580	19. 596	VV	115634	1031269	14. 76%	0. 276%
448	19. 603	19. 596	19. 625	VV	114877	1970173	28. 21%	0. 527%
449	19. 639	19. 625	19. 644	VV	117671	1336792	19. 14%	0. 358%
450	19. 649	19. 644	19. 654	VV	113107	622208	8. 91%	0. 166%
451	19. 674	19. 654	19. 681	VV	114522	1827717	26. 17%	0. 489%
452	19. 688	19. 681	19. 694	VV	118130	913934	13. 08%	0. 244%
453	19. 706	19. 694	19. 726	VV	116196	2205616	31. 58%	0. 590%
454	19. 733	19. 726	19. 754	VV	115235	1878644	26. 89%	0. 503%
455	19. 776	19. 754	19. 780	VV	120423	1779831	25. 48%	0. 476%
456	19. 793	19. 780	19. 811	VV	133404	2363191	33. 83%	0. 632%

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457	19.831	19.811	19.882	VV	132579	5161008	73.89%	1.381%
458	19.916	19.882	19.929	VV	131385	3477279	49.78%	0.930%
459	19.935	19.929	19.955	VV	132648	2059572	29.49%	0.551%
460	19.967	19.955	19.973	VV	128232	1295905	18.55%	0.347%
461	19.976	19.973	19.983	VV	123940	762149	10.91%	0.204%
462	20.018	19.983	20.049	VV	142631	5278803	75.57%	1.412%
463	20.086	20.049	20.132	VV	154777	6985106	100.00%	1.869%
464	20.164	20.132	20.197	VV	163042	5778059	82.72%	1.546%
465	20.230	20.197	20.253	VV	151864	4857445	69.54%	1.299%
466	20.272	20.253	20.279	VV	138077	2111564	30.23%	0.565%
467	20.292	20.279	20.297	VV	138315	1456622	20.85%	0.390%
468	20.317	20.297	20.323	VV	144733	2166253	31.01%	0.579%
469	20.343	20.323	20.362	VV	151106	3457589	49.50%	0.925%
470	20.367	20.362	20.370	VV	144554	665414	9.53%	0.178%
471	20.399	20.370	20.406	VV	166855	3368091	48.22%	0.901%
472	20.410	20.406	20.431	VV	161668	2335231	33.43%	0.625%
473	20.463	20.431	20.482	VV	167672	4861869	69.60%	1.301%
474	20.488	20.482	20.507	VV	158638	2293741	32.84%	0.614%
475	20.533	20.507	20.545	VV	165640	3657647	52.36%	0.978%
476	20.551	20.545	20.562	VV	157278	1488378	21.31%	0.398%
477	20.569	20.562	20.575	VV	153804	1226974	17.57%	0.328%
478	20.593	20.575	20.602	VV	159909	2527282	36.18%	0.676%
479	20.623	20.602	20.647	VV	171035	4404257	63.05%	1.178%
480	20.661	20.647	20.671	VV	162160	2275088	32.57%	0.609%
481	20.693	20.671	20.697	VV	173504	2555154	36.58%	0.684%
482	20.704	20.697	20.723	VV	178090	2661973	38.11%	0.712%
483	20.729	20.723	20.749	VV	166780	2477876	35.47%	0.663%
484	20.755	20.749	20.783	VV	167398	3343555	47.87%	0.894%
485	20.789	20.783	20.795	VV	157483	1070706	15.33%	0.286%
486	20.801	20.795	20.822	VV	158007	2496373	35.74%	0.668%
487	20.829	20.822	20.836	VV	148139	1197249	17.14%	0.320%
488	20.842	20.836	20.848	VV	146832	1042084	14.92%	0.279%
489	20.858	20.848	20.863	VV	147003	1286084	18.41%	0.344%
490	20.867	20.863	20.877	VV	149467	1241412	17.77%	0.332%
491	20.898	20.877	20.931	VV	156919	4778298	68.41%	1.278%
492	20.941	20.931	20.949	VV	141486	1523294	21.81%	0.407%
493	20.956	20.949	20.965	VV	141260	1308853	18.74%	0.350%
494	20.972	20.965	20.998	VV	145319	2693091	38.55%	0.720%
495	21.012	20.998	21.017	VV	137205	1464138	20.96%	0.392%
496	21.023	21.017	21.065	VV	141214	3925931	56.20%	1.050%
497	21.075	21.065	21.109	VV	125921	3202742	45.85%	0.857%
498	21.123	21.109	21.127	VV	121208	1279431	18.32%	0.342%
499	21.146	21.127	21.165	VV	122052	2762087	39.54%	0.739%
500	21.176	21.165	21.192	VV	116644	1783784	25.54%	0.477%
501	21.199	21.192	21.248	VV	110753	3606092	51.63%	0.965%
502	21.252	21.248	21.256	VV	104694	485243	6.95%	0.130%
503	21.273	21.256	21.280	VV	110971	1565936	22.42%	0.419%
504	21.297	21.280	21.330	VV	114684	3226603	46.19%	0.863%
505	21.339	21.330	21.345	VV	97456	882712	12.64%	0.236%
506	21.357	21.345	21.363	VV	96973	964170	13.80%	0.258%
507	21.369	21.363	21.374	VV	95877	658676	9.43%	0.176%
508	21.388	21.374	21.397	VV	99096	1278072	18.30%	0.342%
509	21.403	21.397	21.406	VV	89017	450890	6.46%	0.121%

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510	21.424	21.406	21.437	VV	94173	1685202	24.13%	0.451%	
511	21.444	21.437	21.451	VV	93637	740232	10.60%	0.198%	
512	21.460	21.451	21.470	VV	91954	1010352	14.46%	0.270%	
513	21.494	21.470	21.524	VV	91280	2759187	39.50%	0.738%	
514	21.532	21.524	21.538	VV	81212	635724	9.10%	0.170%	
515	21.557	21.538	21.582	VV	82239	2042063	29.23%	0.546%	
516	21.596	21.582	21.623	VV	79036	1782347	25.52%	0.477%	
517	21.627	21.623	21.642	VV	72995	818264	11.71%	0.219%	
518	21.660	21.642	21.666	VV	71080	971296	13.91%	0.260%	
519	21.669	21.666	21.679	VV	67884	497816	7.13%	0.133%	
520	21.683	21.679	21.697	VV	63627	634826	9.09%	0.170%	
521	21.724	21.697	21.740	VV	62887	1597528	22.87%	0.427%	
522	21.751	21.740	21.779	VV	69553	1502398	21.51%	0.402%	
523	21.785	21.779	21.793	VV	56641	464571	6.65%	0.124%	
524	21.799	21.793	21.807	VV	53059	426449	6.11%	0.114%	
525	21.814	21.807	21.854	VV	55104	1387080	19.86%	0.371%	
526	21.875	21.854	21.883	VV	55632	894202	12.80%	0.239%	
527	21.889	21.883	21.895	VV	50162	354565	5.08%	0.095%	
528	21.905	21.895	21.925	VV	49762	820133	11.74%	0.219%	
529	21.943	21.925	21.950	VV	42768	618588	8.86%	0.165%	
530	21.962	21.950	21.968	VV	40074	410939	5.88%	0.110%	
531	21.974	21.968	21.994	VV	39064	584132	8.36%	0.156%	
532	21.997	21.994	22.010	VV	37382	342689	4.91%	0.092%	
533	22.022	22.010	22.035	VV	36210	507267	7.26%	0.136%	
534	22.045	22.035	22.050	VV	31859	257097	3.68%	0.069%	
535	22.060	22.050	22.076	VV	34022	477886	6.84%	0.128%	
536	22.081	22.076	22.087	VV	30458	197558	2.83%	0.053%	
537	22.092	22.087	22.112	VV	30236	395061	5.66%	0.106%	
538	22.118	22.112	22.124	VV	23155	155174	2.22%	0.042%	
539	22.132	22.124	22.154	VV	29660	442184	6.33%	0.118%	
540	22.173	22.154	22.180	VV	23577	316731	4.53%	0.085%	
541	22.188	22.180	22.194	VV	20382	152480	2.18%	0.041%	
542	22.207	22.194	22.221	VV	19838	279974	4.01%	0.075%	
543	22.250	22.221	22.254	VV	25807	403531	5.78%	0.108%	
544	22.267	22.254	22.334	VV	25467	679925	9.73%	0.182%	
545	22.339	22.334	22.351	PV	3499	13002	0.19%	0.003%	
546	22.356	22.351	22.359	VV	2854	6127	0.09%	0.002%	
547	22.366	22.359	22.370	PV	3911	15544	0.22%	0.004%	
548	22.382	22.370	22.387	VV	3946	20504	0.29%	0.005%	
549	22.392	22.387	22.399	PV	2634	7945	0.11%	0.002%	
Sum of corrected areas:					373815755				

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