

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032423\
 Data File : FG011661.D
 Signal(s) : FID1A.ch
 Acq On : 24 Mar 2023 14:09
 Sample : 02022-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.947	1.907	1.978	BV	252	1119	0.02%	0.001%
2	1.983	1.978	1.988	PV	65	239	0.01%	0.000%
3	1.994	1.988	2.023	VV	50	567	0.01%	0.000%
4	2.064	2.023	2.097	PV	246	5189	0.11%	0.003%
5	2.118	2.097	2.122	VV	138	1366	0.03%	0.001%
6	2.137	2.122	2.159	VV	208	2438	0.05%	0.001%
7	2.163	2.159	2.168	VV	67	268	0.01%	0.000%
8	2.173	2.168	2.184	VV	89	647	0.01%	0.000%
9	2.188	2.184	2.195	VV	89	313	0.01%	0.000%
10	2.215	2.195	2.226	PV	107	1112	0.02%	0.001%
11	2.231	2.226	2.238	PV	59	298	0.01%	0.000%
12	2.245	2.238	2.256	VV	119	759	0.02%	0.000%
13	2.268	2.256	2.276	VV	84	802	0.02%	0.000%
14	2.289	2.276	2.325	VV	544	8127	0.18%	0.004%
15	2.348	2.325	2.397	VV	2987	40123	0.87%	0.019%
16	2.401	2.397	2.412	VV	251	1748	0.04%	0.001%
17	2.425	2.412	2.454	VV	298	5074	0.11%	0.002%
18	2.468	2.454	2.489	VV	172	2510	0.05%	0.001%
19	2.504	2.489	2.516	VV	102	1239	0.03%	0.001%
20	2.530	2.516	2.549	VV	121	1848	0.04%	0.001%
21	2.565	2.549	2.582	VV	144	1771	0.04%	0.001%
22	2.590	2.582	2.595	VV	122	700	0.02%	0.000%
23	2.599	2.595	2.603	VV	92	421	0.01%	0.000%
24	2.606	2.603	2.610	VV	107	317	0.01%	0.000%
25	2.627	2.610	2.642	VV	311	4046	0.09%	0.002%
26	2.646	2.642	2.649	VV	239	913	0.02%	0.000%
27	2.653	2.649	2.680	VV	252	2786	0.06%	0.001%
28	2.684	2.680	2.693	VV	51	278	0.01%	0.000%
29	2.701	2.693	2.714	VV	90	560	0.01%	0.000%
30	2.746	2.714	2.781	PV	588	11830	0.26%	0.006%
31	2.786	2.781	2.803	VV	198	1904	0.04%	0.001%
32	2.807	2.803	2.812	VV	134	495	0.01%	0.000%
33	2.845	2.812	2.852	VV	252	3471	0.08%	0.002%
34	2.863	2.852	2.892	VV	286	4691	0.10%	0.002%
35	2.950	2.892	2.983	VV	665	16167	0.35%	0.008%
36	3.015	2.983	3.033	VV	559	9519	0.21%	0.005%

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37	3.046	3.033	3.051	VV	285	2546	0.06%	0.001%
38	3.064	3.051	3.076	VV	644	7374	0.16%	0.004%
39	3.096	3.076	3.116	VV	666	11873	0.26%	0.006%
40	3.125	3.116	3.155	VV	370	5007	0.11%	0.002%
41	3.159	3.155	3.164	VV	100	386	0.01%	0.000%
42	3.179	3.164	3.184	VV	208	1521	0.03%	0.001%
43	3.190	3.184	3.194	VV	149	773	0.02%	0.000%
44	3.198	3.194	3.213	VV	134	1323	0.03%	0.001%
45	3.220	3.213	3.224	VV	117	545	0.01%	0.000%
46	3.232	3.224	3.236	VV	119	689	0.01%	0.000%
47	3.245	3.236	3.262	VV	187	1742	0.04%	0.001%
48	3.270	3.262	3.277	VV	155	843	0.02%	0.000%
49	3.281	3.277	3.290	VV	160	746	0.02%	0.000%
50	3.319	3.290	3.357	VV	910	19155	0.42%	0.009%
51	3.369	3.357	3.402	VV	190	3306	0.07%	0.002%
52	3.409	3.402	3.414	VV	80	325	0.01%	0.000%
53	3.440	3.414	3.445	VV	202	2478	0.05%	0.001%
54	3.463	3.445	3.478	VV	706	9377	0.20%	0.005%
55	3.493	3.478	3.511	VV	431	6635	0.14%	0.003%
56	3.520	3.511	3.531	VV	328	3604	0.08%	0.002%
57	3.559	3.531	3.590	VV	393	9287	0.20%	0.004%
58	3.603	3.590	3.611	VV	284	2662	0.06%	0.001%
59	3.633	3.611	3.649	VV	1151	15780	0.34%	0.008%
60	3.674	3.649	3.699	VV	2560	37224	0.81%	0.018%
61	3.714	3.699	3.730	VV	469	7133	0.16%	0.003%
62	3.737	3.730	3.743	VV	316	2336	0.05%	0.001%
63	3.765	3.743	3.805	VV	1663	34708	0.75%	0.017%
64	3.826	3.805	3.837	VV	968	14949	0.32%	0.007%
65	3.849	3.837	3.885	VV	1209	20435	0.44%	0.010%
66	3.904	3.885	3.919	VV	805	12439	0.27%	0.006%
67	3.929	3.919	3.940	VV	644	6739	0.15%	0.003%
68	3.953	3.940	3.982	VV	793	9946	0.22%	0.005%
69	4.008	3.982	4.029	PV	1406	22874	0.50%	0.011%
70	4.035	4.029	4.066	VV	880	11034	0.24%	0.005%
71	4.113	4.066	4.129	VV	1842	28873	0.63%	0.014%
72	4.144	4.129	4.168	VV	1277	26402	0.57%	0.013%
73	4.178	4.168	4.200	VV	1145	17815	0.39%	0.009%
74	4.218	4.200	4.243	VV	1429	21762	0.47%	0.010%
75	4.248	4.243	4.255	VV	208	1240	0.03%	0.001%
76	4.296	4.255	4.303	VV	1216	17409	0.38%	0.008%
77	4.312	4.303	4.326	VV	1416	14862	0.32%	0.007%
78	4.344	4.326	4.371	VV	2478	36191	0.79%	0.017%
79	4.383	4.371	4.398	VV	695	9286	0.20%	0.004%
80	4.409	4.398	4.428	VV	508	6024	0.13%	0.003%
81	4.467	4.428	4.484	VV	892	14500	0.32%	0.007%
82	4.512	4.484	4.536	VV	1027	16086	0.35%	0.008%
83	4.571	4.536	4.594	VV	3676	46278	1.01%	0.022%
84	4.613	4.594	4.632	VV	1899	24535	0.53%	0.012%
85	4.648	4.632	4.666	VV	1387	17062	0.37%	0.008%
86	4.684	4.666	4.714	VV	736	11584	0.25%	0.006%
87	4.746	4.714	4.770	VV	1238	23326	0.51%	0.011%
88	4.787	4.770	4.817	VV	1127	22397	0.49%	0.011%
89	4.824	4.817	4.837	VV	654	6369	0.14%	0.003%

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90	4.856	4.837	4.869	VV	2599	27149	0.59%	0.013%
91	4.881	4.869	4.898	VV	1961	21796	0.47%	0.011%
92	4.915	4.898	4.927	VV	1252	16771	0.36%	0.008%
93	4.937	4.927	4.952	VV	1372	15728	0.34%	0.008%
94	4.962	4.952	4.971	VV	1184	11954	0.26%	0.006%
95	4.989	4.971	5.005	VV	2279	29687	0.65%	0.014%
96	5.033	5.005	5.055	VV	2011	37318	0.81%	0.018%
97	5.081	5.055	5.106	VV	4229	66061	1.44%	0.032%
98	5.112	5.106	5.124	VV	630	5224	0.11%	0.003%
99	5.154	5.124	5.172	VV	1808	22516	0.49%	0.011%
100	5.187	5.172	5.206	VV	658	8341	0.18%	0.004%
101	5.250	5.206	5.264	VV	935	16959	0.37%	0.008%
102	5.280	5.264	5.307	VV	2058	26795	0.58%	0.013%
103	5.329	5.307	5.344	VV	2022	25895	0.56%	0.012%
104	5.361	5.344	5.378	VV	3291	38139	0.83%	0.018%
105	5.392	5.378	5.432	VV	1572	25246	0.55%	0.012%
106	5.453	5.432	5.467	PV	299	4255	0.09%	0.002%
107	5.491	5.467	5.502	VV	1122	15496	0.34%	0.007%
108	5.517	5.502	5.540	VV	2335	30221	0.66%	0.015%
109	5.561	5.540	5.576	VV	2446	36297	0.79%	0.017%
110	5.589	5.576	5.606	VV	2748	30526	0.66%	0.015%
111	5.615	5.606	5.627	VV	671	7114	0.15%	0.003%
112	5.651	5.627	5.670	VV	1136	16760	0.36%	0.008%
113	5.682	5.670	5.690	VV	466	4074	0.09%	0.002%
114	5.710	5.690	5.763	VV	6336	125847	2.74%	0.061%
115	5.779	5.763	5.794	VV	553	7969	0.17%	0.004%
116	5.800	5.794	5.813	VV	310	2460	0.05%	0.001%
117	5.829	5.813	5.854	VV	966	12599	0.27%	0.006%
118	5.862	5.854	5.874	VV	276	2735	0.06%	0.001%
119	5.896	5.874	5.925	VV	3069	46950	1.02%	0.023%
120	5.936	5.925	5.957	VV	1410	16146	0.35%	0.008%
121	5.977	5.957	5.987	VV	1421	16545	0.36%	0.008%
122	6.003	5.987	6.018	VV	4529	53259	1.16%	0.026%
123	6.026	6.018	6.047	VV	2594	30395	0.66%	0.015%
124	6.062	6.047	6.083	VV	1593	20649	0.45%	0.010%
125	6.100	6.083	6.130	VV	4712	58407	1.27%	0.028%
126	6.137	6.130	6.162	VV	1042	14536	0.32%	0.007%
127	6.190	6.162	6.211	VV	2224	30841	0.67%	0.015%
128	6.242	6.211	6.265	VV	2128	41605	0.90%	0.020%
129	6.285	6.265	6.305	VV	2488	34069	0.74%	0.016%
130	6.322	6.305	6.360	VV	2091	37940	0.82%	0.018%
131	6.383	6.360	6.405	PV	1353	18353	0.40%	0.009%
132	6.430	6.405	6.443	VV	2817	42478	0.92%	0.020%
133	6.452	6.443	6.459	VV	1909	17416	0.38%	0.008%
134	6.468	6.459	6.496	VV	2045	31186	0.68%	0.015%
135	6.513	6.496	6.530	VV	2806	32426	0.70%	0.016%
136	6.535	6.530	6.544	VV	1133	9061	0.20%	0.004%
137	6.578	6.544	6.602	VV	2321	54031	1.17%	0.026%
138	6.618	6.602	6.623	VV	753	7968	0.17%	0.004%
139	6.638	6.623	6.645	VV	832	9946	0.22%	0.005%
140	6.669	6.645	6.703	VV	3700	57346	1.25%	0.028%
141	6.713	6.703	6.722	VV	601	5999	0.13%	0.003%

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142	6.742	6.722	6.792	VV	4059	64923	1.41%	0.031%
143	6.801	6.792	6.807	VV	249	1726	0.04%	0.001%
144	6.831	6.807	6.842	VV	1034	12879	0.28%	0.006%
145	6.859	6.842	6.879	VV	1825	26168	0.57%	0.013%
146	6.894	6.879	6.924	VV	2002	28891	0.63%	0.014%
147	6.943	6.924	6.959	VV	1709	22657	0.49%	0.011%
148	6.970	6.959	6.983	VV	657	7144	0.16%	0.003%
149	7.001	6.983	7.010	VV	971	12331	0.27%	0.006%
150	7.027	7.010	7.049	VV	3316	35947	0.78%	0.017%
151	7.076	7.049	7.080	VV	949	11251	0.24%	0.005%
152	7.087	7.080	7.118	VV	982	14174	0.31%	0.007%
153	7.151	7.118	7.177	PV	6376	76721	1.67%	0.037%
154	7.191	7.177	7.207	VV	937	13520	0.29%	0.007%
155	7.226	7.207	7.245	VV	1617	26027	0.57%	0.013%
156	7.274	7.245	7.296	VV	2496	46027	1.00%	0.022%
157	7.316	7.296	7.346	VV	3407	45582	0.99%	0.022%
158	7.381	7.346	7.407	VV	7804	111915	2.43%	0.054%
159	7.423	7.407	7.444	VV	1644	24391	0.53%	0.012%
160	7.464	7.444	7.497	VV	3185	52034	1.13%	0.025%
161	7.518	7.497	7.547	VV	7956	95656	2.08%	0.046%
162	7.561	7.547	7.581	VV	1550	19930	0.43%	0.010%
163	7.593	7.581	7.613	VV	734	10287	0.22%	0.005%
164	7.669	7.613	7.677	VV	5219	65266	1.42%	0.031%
165	7.690	7.677	7.716	VV	7416	94352	2.05%	0.045%
166	7.729	7.716	7.743	VV	1836	24062	0.52%	0.012%
167	7.759	7.743	7.801	VV	1588	36627	0.80%	0.018%
168	7.815	7.801	7.831	VV	460	5552	0.12%	0.003%
169	7.835	7.831	7.840	VV	290	1467	0.03%	0.001%
170	7.866	7.840	7.879	VV	3150	38307	0.83%	0.018%
171	7.884	7.879	7.901	VV	2015	18530	0.40%	0.009%
172	7.920	7.901	7.938	VV	1653	20283	0.44%	0.010%
173	7.963	7.938	7.973	PV	548	6236	0.14%	0.003%
174	7.985	7.973	7.992	VV	606	5356	0.12%	0.003%
175	8.008	7.992	8.019	VV	1629	17721	0.39%	0.009%
176	8.026	8.019	8.044	VV	968	10450	0.23%	0.005%
177	8.062	8.044	8.095	VV	887	15460	0.34%	0.007%
178	8.121	8.095	8.143	VV	4469	62300	1.35%	0.030%
179	8.152	8.143	8.163	VV	1263	15109	0.33%	0.007%
180	8.171	8.163	8.193	VV	1326	16759	0.36%	0.008%
181	8.216	8.193	8.238	VV	1694	24558	0.53%	0.012%
182	8.278	8.238	8.292	VV	4357	72148	1.57%	0.035%
183	8.303	8.292	8.315	VV	3799	43166	0.94%	0.021%
184	8.325	8.315	8.352	VV	3104	38658	0.84%	0.019%
185	8.392	8.352	8.431	VV	7808	151569	3.30%	0.073%
186	8.498	8.431	8.513	VV	12747	190271	4.14%	0.092%
187	8.525	8.513	8.544	VV	8340	94882	2.06%	0.046%
188	8.573	8.544	8.601	VV	9147	141767	3.08%	0.068%
189	8.612	8.601	8.632	VV	1599	22493	0.49%	0.011%
190	8.663	8.632	8.707	VV	6037	147654	3.21%	0.071%
191	8.736	8.707	8.753	VV	2602	41610	0.90%	0.020%
192	8.775	8.753	8.788	VV	4100	55236	1.20%	0.027%
193	8.800	8.788	8.841	VV	3164	52027	1.13%	0.025%
194	8.864	8.841	8.889	VV	681	13137	0.29%	0.006%

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195	8.900	8.889	8.915	VV	528	5613	0.12%	0.003%
196	8.937	8.915	8.960	VV	2774	44998	0.98%	0.022%
197	8.983	8.960	9.007	VV	40916	439694	9.56%	0.212%
198	9.029	9.007	9.053	VV	6759	104850	2.28%	0.051%
199	9.068	9.053	9.078	VV	2102	29240	0.64%	0.014%
200	9.112	9.078	9.140	VV	4771	115505	2.51%	0.056%
201	9.148	9.140	9.156	VV	1335	11645	0.25%	0.006%
202	9.172	9.156	9.199	VV	2155	38999	0.85%	0.019%
203	9.226	9.199	9.240	VV	10130	123989	2.70%	0.060%
204	9.258	9.240	9.283	VV	30029	318324	6.92%	0.153%
205	9.298	9.283	9.310	VV	3029	37201	0.81%	0.018%
206	9.320	9.310	9.332	VV	2231	26285	0.57%	0.013%
207	9.350	9.332	9.367	VV	3756	53437	1.16%	0.026%
208	9.400	9.367	9.421	VV	13922	185556	4.03%	0.089%
209	9.437	9.421	9.478	VV	6918	97753	2.13%	0.047%
210	9.495	9.478	9.518	VV	901	14226	0.31%	0.007%
211	9.554	9.518	9.572	PV	6179	70578	1.53%	0.034%
212	9.586	9.572	9.620	VV	5248	60235	1.31%	0.029%
213	9.635	9.620	9.652	VV	862	10060	0.22%	0.005%
214	9.691	9.652	9.713	VV	6929	103088	2.24%	0.050%
215	9.732	9.713	9.748	VV	3263	44251	0.96%	0.021%
216	9.774	9.748	9.827	VV	59818	696860	15.15%	0.336%
217	9.854	9.827	9.884	VV	7676	144341	3.14%	0.070%
218	9.896	9.884	9.907	VV	5523	59825	1.30%	0.029%
219	9.926	9.907	9.942	VV	12412	164761	3.58%	0.079%
220	9.954	9.942	9.969	VV	7695	90004	1.96%	0.043%
221	9.986	9.969	10.006	VV	9192	128359	2.79%	0.062%
222	10.018	10.006	10.030	VV	3368	40307	0.88%	0.019%
223	10.053	10.030	10.078	VV	75579	791623	17.21%	0.381%
224	10.099	10.078	10.132	VV	11815	185737	4.04%	0.090%
225	10.148	10.132	10.164	VV	4127	66517	1.45%	0.032%
226	10.193	10.164	10.241	VV	16368	345072	7.50%	0.166%
227	10.261	10.241	10.275	VV	3111	41750	0.91%	0.020%
228	10.293	10.275	10.322	VV	3388	54550	1.19%	0.026%
229	10.366	10.322	10.393	VV	2939	66282	1.44%	0.032%
230	10.398	10.393	10.441	VV	840	13457	0.29%	0.006%
231	10.463	10.441	10.480	PV	4762	54543	1.19%	0.026%
232	10.486	10.480	10.499	VV	1477	14113	0.31%	0.007%
233	10.523	10.499	10.554	VV	4362	76087	1.65%	0.037%
234	10.575	10.554	10.603	VV	6289	94029	2.04%	0.045%
235	10.628	10.603	10.642	VV	8493	117969	2.56%	0.057%
236	10.660	10.642	10.684	VV	14885	202853	4.41%	0.098%
237	10.702	10.684	10.745	VV	9769	140598	3.06%	0.068%
238	10.778	10.745	10.819	VV	9270	193673	4.21%	0.093%
239	10.839	10.819	10.865	VV	4876	100037	2.17%	0.048%
240	10.876	10.865	10.891	VV	4162	52577	1.14%	0.025%
241	10.925	10.891	10.939	VV	12278	187924	4.09%	0.091%
242	10.950	10.939	10.961	VV	7687	84237	1.83%	0.041%
243	10.986	10.961	11.028	VV	23664	432477	9.40%	0.208%
244	11.056	11.028	11.069	VV	3370	63312	1.38%	0.031%
245	11.083	11.069	11.102	VV	4306	53725	1.17%	0.026%
246	11.114	11.102	11.133	VV	1977	29106	0.63%	0.014%

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247	11.151	11.133	11.160	VV	6464	67074	1.46%	0.032%
248	11.187	11.160	11.232	VV	345090	3856143	83.83%	1.858%
249	11.261	11.232	11.282	VV	181878	1943546	42.25%	0.937%
250	11.288	11.282	11.326	VV	10186	145183	3.16%	0.070%
251	11.336	11.326	11.352	VV	3127	39800	0.87%	0.019%
252	11.356	11.352	11.385	VV	1945	34075	0.74%	0.016%
253	11.398	11.385	11.415	VV	1877	22731	0.49%	0.011%
254	11.433	11.415	11.451	VV	4237	51062	1.11%	0.025%
255	11.476	11.451	11.515	VV	54652	622840	13.54%	0.300%
256	11.536	11.515	11.541	VV	2757	27998	0.61%	0.013%
257	11.545	11.541	11.561	VV	2780	28294	0.62%	0.014%
258	11.580	11.561	11.601	VV	5090	82954	1.80%	0.040%
259	11.630	11.601	11.647	VV	10746	159319	3.46%	0.077%
260	11.658	11.647	11.666	VV	3407	35036	0.76%	0.017%
261	11.679	11.666	11.688	VV	3722	45275	0.98%	0.022%
262	11.714	11.688	11.757	VV	12820	252950	5.50%	0.122%
263	11.784	11.757	11.807	VV	3682	59842	1.30%	0.029%
264	11.839	11.807	11.859	PV	5978	82120	1.79%	0.040%
265	11.890	11.859	11.924	VV	4156	92311	2.01%	0.044%
266	11.940	11.924	11.958	VV	2496	36415	0.79%	0.018%
267	11.989	11.958	12.004	VV	30722	361086	7.85%	0.174%
268	12.020	12.004	12.054	VV	41347	473863	10.30%	0.228%
269	12.105	12.054	12.122	VV	43244	711867	15.48%	0.343%
270	12.138	12.122	12.151	VV	19170	230908	5.02%	0.111%
271	12.169	12.151	12.197	VV	29313	369029	8.02%	0.178%
272	12.215	12.197	12.229	VV	3217	35981	0.78%	0.017%
273	12.252	12.229	12.269	VV	5999	79942	1.74%	0.039%
274	12.302	12.269	12.333	VV	9935	193072	4.20%	0.093%
275	12.354	12.333	12.374	VV	23309	286129	6.22%	0.138%
276	12.395	12.374	12.438	VV	7703	146253	3.18%	0.070%
277	12.460	12.438	12.482	VV	19710	228564	4.97%	0.110%
278	12.494	12.482	12.504	VV	2716	29853	0.65%	0.014%
279	12.555	12.504	12.589	VV	62396	841327	18.29%	0.405%
280	12.607	12.589	12.624	VV	4338	62466	1.36%	0.030%
281	12.638	12.624	12.655	VV	2850	38990	0.85%	0.019%
282	12.668	12.655	12.679	VV	2368	28338	0.62%	0.014%
283	12.714	12.679	12.725	VV	5148	90939	1.98%	0.044%
284	12.734	12.725	12.757	VV	4535	59434	1.29%	0.029%
285	12.782	12.757	12.820	VV	8299	153893	3.35%	0.074%
286	12.861	12.820	12.873	PV	5963	96674	2.10%	0.047%
287	12.893	12.873	12.913	VV	19379	266444	5.79%	0.128%
288	12.944	12.913	12.977	VV	14432	354005	7.70%	0.171%
289	13.014	12.977	13.052	VV	378033	4391922	95.48%	2.116%
290	13.073	13.052	13.093	VV	4920	59072	1.28%	0.028%
291	13.109	13.093	13.119	PV	1396	13193	0.29%	0.006%
292	13.137	13.119	13.151	VV	2755	33007	0.72%	0.016%
293	13.168	13.151	13.175	VV	6391	68873	1.50%	0.033%
294	13.196	13.175	13.213	VV	14865	214513	4.66%	0.103%
295	13.238	13.213	13.260	VV	5682	125723	2.73%	0.061%
296	13.265	13.260	13.282	VV	2226	18993	0.41%	0.009%
297	13.312	13.282	13.346	VV	277627	3179241	69.12%	1.532%
298	13.373	13.346	13.392	VV	129429	1875792	40.78%	0.904%
299	13.396	13.392	13.416	VV	53137	558906	12.15%	0.269%

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300	13.432	13.416	13.457	VV	58295	745055	16.20%	0.359%
301	13.482	13.457	13.496	VV	13115	206010	4.48%	0.099%
302	13.513	13.496	13.537	VV	15252	197819	4.30%	0.095%
303	13.576	13.537	13.595	PV	26225	401125	8.72%	0.193%
304	13.617	13.595	13.640	VV	16136	334281	7.27%	0.161%
305	13.653	13.640	13.678	VV	13187	177402	3.86%	0.085%
306	13.707	13.678	13.724	VV	10826	146217	3.18%	0.070%
307	13.734	13.724	13.747	VV	2991	32173	0.70%	0.016%
308	13.772	13.747	13.833	VV	17201	406725	8.84%	0.196%
309	13.901	13.833	13.941	VV	59676	868846	18.89%	0.419%
310	13.945	13.941	13.950	VV	1857	8892	0.19%	0.004%
311	13.967	13.950	13.982	VV	3841	48161	1.05%	0.023%
312	14.008	13.982	14.031	VV	52848	673671	14.65%	0.325%
313	14.049	14.031	14.073	VV	17149	249736	5.43%	0.120%
314	14.089	14.073	14.111	VV	9182	138188	3.00%	0.067%
315	14.149	14.111	14.163	VV	14104	271117	5.89%	0.131%
316	14.178	14.163	14.200	VV	17344	240720	5.23%	0.116%
317	14.219	14.200	14.255	VV	14043	193006	4.20%	0.093%
318	14.277	14.255	14.283	VV	2561	32992	0.72%	0.016%
319	14.295	14.283	14.311	VV	2901	32295	0.70%	0.016%
320	14.331	14.311	14.348	PV	1882	25988	0.56%	0.013%
321	14.379	14.348	14.394	VV	2734	58432	1.27%	0.028%
322	14.412	14.394	14.433	VV	2128	43332	0.94%	0.021%
323	14.440	14.433	14.453	VV	1978	21712	0.47%	0.010%
324	14.476	14.453	14.495	VV	6101	86386	1.88%	0.042%
325	14.501	14.495	14.508	VV	1154	7724	0.17%	0.004%
326	14.512	14.508	14.528	VV	984	7083	0.15%	0.003%
327	14.610	14.528	14.629	PV	10053	312528	6.79%	0.151%
328	14.636	14.629	14.675	VV	5169	92409	2.01%	0.045%
329	14.710	14.675	14.730	VV	11302	190058	4.13%	0.092%
330	14.742	14.730	14.759	VV	7691	108613	2.36%	0.052%
331	14.766	14.759	14.791	VV	4873	68933	1.50%	0.033%
332	14.817	14.791	14.839	VV	17509	246746	5.36%	0.119%
333	14.844	14.839	14.855	VV	3921	35894	0.78%	0.017%
334	14.880	14.855	14.902	VV	29736	393622	8.56%	0.190%
335	14.923	14.902	14.967	VV	11594	223845	4.87%	0.108%
336	14.970	14.967	14.983	VV	1640	11571	0.25%	0.006%
337	15.004	14.983	15.018	VV	4263	52096	1.13%	0.025%
338	15.048	15.018	15.105	VV	83385	1260698	27.41%	0.608%
339	15.145	15.105	15.164	VV	7712	109327	2.38%	0.053%
340	15.194	15.164	15.215	VV	123956	1499931	32.61%	0.723%
341	15.236	15.215	15.271	VV	100779	1299270	28.25%	0.626%
342	15.289	15.271	15.314	VV	3551	65030	1.41%	0.031%
343	15.357	15.314	15.412	VV	24037	466394	10.14%	0.225%
344	15.437	15.412	15.472	VV	12138	195826	4.26%	0.094%
345	15.498	15.472	15.522	PV	13750	205804	4.47%	0.099%
346	15.536	15.522	15.545	VV	6878	82206	1.79%	0.040%
347	15.554	15.545	15.595	VV	6677	121808	2.65%	0.059%
348	15.644	15.595	15.726	VV	29005	718272	15.62%	0.346%
349	15.743	15.726	15.747	PV	1305	8827	0.19%	0.004%
350	15.778	15.747	15.807	VV	9531	208149	4.53%	0.100%
351	15.825	15.807	15.844	VV	7112	126676	2.75%	0.061%

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352	15.867	15.844	15.888	VV	21491	293716	6.39%	0.142%
353	15.908	15.888	15.932	VV	10603	148577	3.23%	0.072%
354	15.952	15.932	15.980	VV	7543	108657	2.36%	0.052%
355	16.030	15.980	16.072	VV	16782	386390	8.40%	0.186%
356	16.105	16.072	16.126	VV	6418	112678	2.45%	0.054%
357	16.161	16.126	16.173	VV	2241	38529	0.84%	0.019%
358	16.191	16.173	16.210	VV	5383	76161	1.66%	0.037%
359	16.227	16.210	16.247	VV	2857	49661	1.08%	0.024%
360	16.275	16.247	16.331	VV	9726	254295	5.53%	0.123%
361	16.342	16.331	16.356	VV	2314	24565	0.53%	0.012%
362	16.377	16.356	16.386	VV	1869	23679	0.51%	0.011%
363	16.407	16.386	16.426	VV	1631	21129	0.46%	0.010%
364	16.473	16.426	16.498	PV	5898	144207	3.14%	0.069%
365	16.513	16.498	16.519	VV	2504	24724	0.54%	0.012%
366	16.545	16.519	16.557	VV	5348	82758	1.80%	0.040%
367	16.576	16.557	16.602	VV	7452	148652	3.23%	0.072%
368	16.623	16.602	16.628	VV	4083	52574	1.14%	0.025%
369	16.670	16.628	16.709	VV	13115	306683	6.67%	0.148%
370	16.759	16.709	16.777	VV	81834	1195323	25.99%	0.576%
371	16.786	16.777	16.821	VV	32525	409684	8.91%	0.197%
372	16.843	16.821	16.849	VV	6069	81139	1.76%	0.039%
373	16.888	16.849	16.912	VV	20198	387994	8.44%	0.187%
374	16.925	16.912	16.936	VV	8834	107323	2.33%	0.052%
375	16.947	16.936	16.954	VV	8173	80310	1.75%	0.039%
376	16.959	16.954	16.964	VV	7807	43259	0.94%	0.021%
377	16.973	16.964	16.995	VV	8281	127307	2.77%	0.061%
378	17.007	16.995	17.013	VV	5740	59066	1.28%	0.028%
379	17.082	17.013	17.114	VV	42543	914132	19.87%	0.441%
380	17.141	17.114	17.173	VV	58594	855246	18.59%	0.412%
381	17.242	17.173	17.257	VV	26136	700405	15.23%	0.338%
382	17.277	17.257	17.317	VV	43274	861897	18.74%	0.415%
383	17.324	17.317	17.330	VV	9394	72720	1.58%	0.035%
384	17.335	17.330	17.345	VV	9466	77667	1.69%	0.037%
385	17.354	17.345	17.360	VV	9379	82080	1.78%	0.040%
386	17.379	17.360	17.390	VV	11643	185352	4.03%	0.089%
387	17.408	17.390	17.423	VV	12139	220549	4.79%	0.106%
388	17.449	17.423	17.462	VV	14234	274134	5.96%	0.132%
389	17.479	17.462	17.494	VV	16688	282888	6.15%	0.136%
390	17.504	17.494	17.519	VV	18034	261120	5.68%	0.126%
391	17.524	17.519	17.533	VV	16555	137307	2.99%	0.066%
392	17.553	17.533	17.583	VV	18744	466664	10.15%	0.225%
393	17.624	17.583	17.631	VV	19715	442929	9.63%	0.213%
394	17.680	17.631	17.706	VV	34828	1053761	22.91%	0.508%
395	17.724	17.706	17.743	VV	19526	371832	8.08%	0.179%
396	17.759	17.743	17.777	VV	18406	324920	7.06%	0.157%
397	17.801	17.777	17.833	VV	27780	650091	14.13%	0.313%
398	17.861	17.833	17.892	VV	21497	611206	13.29%	0.295%
399	17.897	17.892	17.903	VV	15936	101396	2.20%	0.049%
400	17.909	17.903	17.914	VV	15516	99578	2.16%	0.048%
401	17.925	17.914	17.932	VV	15524	164049	3.57%	0.079%
402	17.943	17.932	17.953	VV	15227	185483	4.03%	0.089%
403	17.959	17.953	17.965	VV	15805	110032	2.39%	0.053%
404	18.028	17.965	18.052	VV	24080	957382	20.81%	0.461%

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405	18.074	18.052	18.084	VV	24047	426730	9.28%	0.206%
406	18.123	18.084	18.152	VV	38332	1149258	24.99%	0.554%
407	18.169	18.152	18.189	VV	23372	467757	10.17%	0.225%
408	18.210	18.189	18.228	VV	23312	502710	10.93%	0.242%
409	18.270	18.228	18.291	VV	45019	1223039	26.59%	0.589%
410	18.311	18.291	18.342	VV	32408	878374	19.10%	0.423%
411	18.371	18.342	18.390	VV	26887	694070	15.09%	0.334%
412	18.431	18.390	18.436	VV	30450	718963	15.63%	0.346%
413	18.446	18.436	18.452	VV	30702	280871	6.11%	0.135%
414	18.456	18.452	18.465	VV	31020	238070	5.18%	0.115%
415	18.515	18.465	18.536	VV	56722	1917520	41.69%	0.924%
416	18.542	18.536	18.569	VV	45445	760213	16.53%	0.366%
417	18.582	18.569	18.594	VV	30645	441352	9.60%	0.213%
418	18.609	18.594	18.622	VV	35523	559092	12.15%	0.269%
419	18.645	18.622	18.668	VV	58195	1268372	27.58%	0.611%
420	18.675	18.668	18.687	VV	38802	436625	9.49%	0.210%
421	18.690	18.687	18.738	VV	39091	1052347	22.88%	0.507%
422	18.774	18.738	18.809	VV	51682	1671424	36.34%	0.805%
423	18.821	18.809	18.827	VV	35044	377551	8.21%	0.182%
424	18.836	18.827	18.846	VV	35934	396416	8.62%	0.191%
425	18.851	18.846	18.853	VV	35236	150485	3.27%	0.073%
426	18.858	18.853	18.871	VV	36013	369886	8.04%	0.178%
427	18.878	18.871	18.883	VV	36336	269016	5.85%	0.130%
428	18.912	18.883	18.932	VV	43355	1146592	24.93%	0.553%
429	18.955	18.932	18.990	VV	57325	1584524	34.45%	0.764%
430	19.010	18.990	19.013	VV	38441	501838	10.91%	0.242%
431	19.066	19.013	19.095	VV	59812	2280482	49.58%	1.099%
432	19.114	19.095	19.149	VV	61084	1644136	35.74%	0.792%
433	19.157	19.149	19.165	VV	45445	428453	9.31%	0.206%
434	19.170	19.165	19.177	VV	43929	315099	6.85%	0.152%
435	19.198	19.177	19.202	VV	47199	648948	14.11%	0.313%
436	19.235	19.202	19.262	VV	55628	1834822	39.89%	0.884%
437	19.356	19.262	19.377	VV	75657	4035167	87.73%	1.945%
438	19.399	19.377	19.415	VV	67277	1408619	30.62%	0.679%
439	19.426	19.415	19.431	VV	53938	500554	10.88%	0.241%
440	19.436	19.431	19.441	VV	53395	325600	7.08%	0.157%
441	19.463	19.441	19.491	VV	66892	1865876	40.57%	0.899%
442	19.496	19.491	19.517	VV	62137	905539	19.69%	0.436%
443	19.551	19.517	19.564	VV	60015	1581088	34.37%	0.762%
444	19.579	19.564	19.592	VV	59830	994044	21.61%	0.479%
445	19.607	19.592	19.620	VV	61626	999230	21.72%	0.482%
446	19.638	19.620	19.644	VV	62054	842443	18.32%	0.406%
447	19.655	19.644	19.679	VV	63516	1296212	28.18%	0.625%
448	19.691	19.679	19.703	VV	61052	855989	18.61%	0.413%
449	19.745	19.703	19.770	VV	81845	2828239	61.49%	1.363%
450	19.780	19.770	19.802	VV	77382	1343666	29.21%	0.648%
451	19.808	19.802	19.831	VV	68892	1172369	25.49%	0.565%
452	19.872	19.831	19.908	VV	79296	3356789	72.98%	1.618%
453	19.939	19.908	19.947	VV	77398	1736340	37.75%	0.837%
454	19.954	19.947	19.965	VV	77729	823821	17.91%	0.397%
455	19.970	19.965	19.976	VV	76778	476509	10.36%	0.230%
456	19.980	19.976	19.982	VV	75386	259431	5.64%	0.125%

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457	19.986	19.982	19.990	VV	76429	362927	7.89%	0.175%
458	20.013	19.990	20.018	VV	83210	1306577	28.41%	0.630%
459	20.025	20.018	20.031	VV	82482	649398	14.12%	0.313%
460	20.034	20.031	20.044	VV	78313	581855	12.65%	0.280%
461	20.049	20.044	20.061	VV	75425	762691	16.58%	0.368%
462	20.123	20.061	20.147	VV	109907	4599704	100.00%	2.217%
463	20.157	20.147	20.162	VV	85434	778794	16.93%	0.375%
464	20.176	20.162	20.196	VV	89083	1722309	37.44%	0.830%
465	20.211	20.196	20.222	VV	81081	1254671	27.28%	0.605%
466	20.230	20.222	20.236	VV	82854	685353	14.90%	0.330%
467	20.247	20.236	20.253	VV	82565	824476	17.92%	0.397%
468	20.263	20.253	20.267	VV	84187	693292	15.07%	0.334%
469	20.279	20.267	20.287	VV	85717	1012254	22.01%	0.488%
470	20.293	20.287	20.298	VV	88716	568234	12.35%	0.274%
471	20.307	20.298	20.313	VV	89303	787728	17.13%	0.380%
472	20.328	20.313	20.334	VV	89850	1101014	23.94%	0.531%
473	20.349	20.334	20.362	VV	91430	1494417	32.49%	0.720%
474	20.368	20.362	20.376	VV	93546	773438	16.81%	0.373%
475	20.404	20.376	20.453	VV	102668	4403255	95.73%	2.122%
476	20.487	20.453	20.529	VV	119549	4583138	99.64%	2.209%
477	20.541	20.529	20.545	VV	94463	869406	18.90%	0.419%
478	20.563	20.545	20.578	VV	104596	1962952	42.68%	0.946%
479	20.597	20.578	20.604	VV	96967	1497528	32.56%	0.722%
480	20.616	20.604	20.620	VV	96189	905759	19.69%	0.436%
481	20.646	20.620	20.650	VV	105399	1831667	39.82%	0.883%
482	20.654	20.650	20.666	VV	104126	963096	20.94%	0.464%
483	20.671	20.666	20.677	VV	102713	659103	14.33%	0.318%
484	20.700	20.677	20.711	VV	105926	2144472	46.62%	1.033%
485	20.717	20.711	20.744	VV	104025	1961985	42.65%	0.945%
486	20.751	20.744	20.765	VV	100221	1253192	27.25%	0.604%
487	20.775	20.765	20.794	VV	97036	1632128	35.48%	0.787%
488	20.810	20.794	20.817	VV	93029	1213422	26.38%	0.585%
489	20.849	20.817	20.879	VV	115917	3809695	82.82%	1.836%
490	20.888	20.879	20.894	VV	91719	777204	16.90%	0.375%
491	20.903	20.894	20.928	VV	92222	1806408	39.27%	0.871%
492	20.954	20.928	20.989	VV	93303	3244801	70.54%	1.564%
493	20.993	20.989	21.004	VV	87848	768341	16.70%	0.370%
494	21.009	21.004	21.022	VV	83866	913689	19.86%	0.440%
495	21.028	21.022	21.043	VV	83923	990277	21.53%	0.477%
496	21.058	21.043	21.067	VV	83407	1181081	25.68%	0.569%
497	21.073	21.067	21.080	VV	81158	626522	13.62%	0.302%
498	21.086	21.080	21.130	VV	83032	2363870	51.39%	1.139%
499	21.141	21.130	21.146	VV	77463	688415	14.97%	0.332%
500	21.151	21.146	21.166	VV	77114	911091	19.81%	0.439%
501	21.171	21.166	21.174	VV	74082	360173	7.83%	0.174%
502	21.178	21.174	21.200	VV	74132	1100729	23.93%	0.530%
503	21.239	21.200	21.300	VV	91300	4428929	96.29%	2.134%
504	21.305	21.300	21.324	VV	64129	870094	18.92%	0.419%
505	21.338	21.324	21.368	VV	61935	1580336	34.36%	0.762%
506	21.374	21.368	21.382	VV	62414	487625	10.60%	0.235%
507	21.394	21.382	21.398	VV	57164	545271	11.85%	0.263%
508	21.404	21.398	21.422	VV	57531	810780	17.63%	0.391%
509	21.427	21.422	21.431	VV	55586	282010	6.13%	0.136%

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510	21.441	21.431	21.454	VV	57346	772619	16.80%	0.372%
511	21.462	21.454	21.469	VV	53994	477111	10.37%	0.230%
512	21.474	21.469	21.484	VV	53556	460676	10.02%	0.222%
513	21.497	21.484	21.507	VV	53506	707978	15.39%	0.341%
514	21.512	21.507	21.531	VV	52842	735388	15.99%	0.354%
515	21.542	21.531	21.561	VV	51511	879359	19.12%	0.424%
516	21.567	21.561	21.571	VV	47152	298425	6.49%	0.144%
517	21.576	21.571	21.580	VV	46576	244854	5.32%	0.118%
518	21.585	21.580	21.591	VV	44658	293501	6.38%	0.141%
519	21.598	21.591	21.603	VV	44801	308993	6.72%	0.149%
520	21.618	21.603	21.630	VV	45196	692181	15.05%	0.334%
521	21.639	21.630	21.652	VV	44919	570619	12.41%	0.275%
522	21.681	21.652	21.714	VV	56993	1746049	37.96%	0.841%
523	21.720	21.714	21.737	VV	39010	503688	10.95%	0.243%
524	21.744	21.737	21.749	VV	35178	239488	5.21%	0.115%
525	21.757	21.749	21.772	VV	36726	487122	10.59%	0.235%
526	21.775	21.772	21.787	VV	34451	293780	6.39%	0.142%
527	21.792	21.787	21.816	VV	35706	578469	12.58%	0.279%
528	21.821	21.816	21.843	VV	31925	477803	10.39%	0.230%
529	21.848	21.843	21.855	VV	31285	229654	4.99%	0.111%
530	21.858	21.855	21.864	VV	30618	147683	3.21%	0.071%
531	21.867	21.864	21.878	VV	29362	238263	5.18%	0.115%
532	21.884	21.878	21.898	VV	26957	297247	6.46%	0.143%
533	21.904	21.898	21.916	VV	26067	285238	6.20%	0.137%
534	21.925	21.916	21.937	VV	26793	313444	6.81%	0.151%
535	21.942	21.937	21.952	VV	25768	211123	4.59%	0.102%
536	21.967	21.952	21.985	VV	25434	436068	9.48%	0.210%
537	21.990	21.985	22.004	VV	21272	219895	4.78%	0.106%
538	22.007	22.004	22.010	VV	17904	61462	1.34%	0.030%
539	22.019	22.010	22.030	VV	19119	199962	4.35%	0.096%
540	22.049	22.030	22.083	VV	19521	514360	11.18%	0.248%
541	22.090	22.083	22.102	VV	14270	137732	2.99%	0.066%
542	22.129	22.102	22.135	VV	13561	240140	5.22%	0.116%
543	22.141	22.135	22.153	VV	13448	134764	2.93%	0.065%
544	22.184	22.153	22.225	VV	26625	751747	16.34%	0.362%
545	22.230	22.225	22.237	VV	6724	44395	0.97%	0.021%
546	22.241	22.237	22.269	VV	6292	63851	1.39%	0.031%
547	22.273	22.269	22.276	VV	1684	5892	0.13%	0.003%
548	22.282	22.276	22.290	VV	3010	13691	0.30%	0.007%

Sum of corrected areas: 207511950

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