

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102523\
 Data File : FG013093.D
 Signal(s) : FID1A.ch
 Acq On : 25 Oct 2023 13:34
 Sample : 05012-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG101623.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.961	1.935	1.998	BV	344	5188	0.01%	0.002%
2	2.004	1.998	2.017	VV	122	842	0.00%	0.000%
3	2.033	2.017	2.046	PV	291	3070	0.01%	0.001%
4	2.072	2.046	2.112	VV	592	11045	0.03%	0.003%
5	2.116	2.112	2.124	VV	175	991	0.00%	0.000%
6	2.128	2.124	2.134	VV	231	1061	0.00%	0.000%
7	2.143	2.134	2.196	VV	295	5757	0.01%	0.002%
8	2.201	2.196	2.206	PV	146	338	0.00%	0.000%
9	2.209	2.206	2.223	VV	103	591	0.00%	0.000%
10	2.253	2.223	2.274	VV	309	4846	0.01%	0.001%
11	2.293	2.274	2.316	VV	740	11002	0.03%	0.003%
12	2.321	2.316	2.326	VV	226	1145	0.00%	0.000%
13	2.332	2.326	2.337	VV	190	1037	0.00%	0.000%
14	2.363	2.337	2.410	VV	1603	24619	0.06%	0.007%
15	2.422	2.410	2.474	VV	1533	22364	0.05%	0.007%
16	2.487	2.474	2.498	VV	234	2616	0.01%	0.001%
17	2.502	2.498	2.509	VV	198	1025	0.00%	0.000%
18	2.516	2.509	2.525	VV	220	1840	0.00%	0.001%
19	2.530	2.525	2.556	VV	204	1949	0.00%	0.001%
20	2.574	2.556	2.595	VV	122	1783	0.00%	0.001%
21	2.599	2.595	2.607	VV	80	241	0.00%	0.000%
22	2.610	2.607	2.619	PV	56	208	0.00%	0.000%
23	2.649	2.619	2.688	VV	4733	56591	0.13%	0.017%
24	2.703	2.688	2.720	VV	203	2270	0.01%	0.001%
25	2.723	2.720	2.728	VV	75	260	0.00%	0.000%
26	2.763	2.728	2.814	VV	7842	135689	0.32%	0.041%
27	2.826	2.814	2.830	VV	140	904	0.00%	0.000%
28	2.843	2.830	2.866	VV	242	3912	0.01%	0.001%
29	2.887	2.866	2.918	VV	436	9464	0.02%	0.003%
30	2.924	2.918	2.930	VV	283	1369	0.00%	0.000%
31	2.939	2.930	2.944	VV	182	1155	0.00%	0.000%
32	2.985	2.944	3.015	VV	1610	36081	0.08%	0.011%
33	3.037	3.015	3.068	VV	4001	50701	0.12%	0.015%
34	3.080	3.068	3.117	VV	706	13121	0.03%	0.004%
35	3.124	3.117	3.145	VV	317	4374	0.01%	0.001%
36	3.150	3.145	3.169	VV	275	2800	0.01%	0.001%

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37	3.203	3.169	3.255	VV	645	12055	0.03%	0.004%
38	3.272	3.255	3.292	VV	318	3746	0.01%	0.001%
39	3.296	3.292	3.300	VV	179	570	0.00%	0.000%
40	3.311	3.300	3.319	VV	178	1479	0.00%	0.000%
41	3.342	3.319	3.372	VV	1209	16935	0.04%	0.005%
42	3.376	3.372	3.382	VV	142	800	0.00%	0.000%
43	3.388	3.382	3.402	VV	218	1691	0.00%	0.001%
44	3.412	3.402	3.442	VV	494	7925	0.02%	0.002%
45	3.460	3.442	3.476	VV	395	6139	0.01%	0.002%
46	3.483	3.476	3.510	VV	314	3972	0.01%	0.001%
47	3.524	3.510	3.537	VV	178	2331	0.01%	0.001%
48	3.558	3.537	3.569	VV	336	4924	0.01%	0.001%
49	3.574	3.569	3.613	VV	280	3763	0.01%	0.001%
50	3.633	3.613	3.645	PV	540	6912	0.02%	0.002%
51	3.657	3.645	3.667	VV	400	4219	0.01%	0.001%
52	3.698	3.667	3.727	VV	5105	65273	0.15%	0.020%
53	3.738	3.727	3.770	VV	439	6577	0.02%	0.002%
54	3.793	3.770	3.815	VV	722	12024	0.03%	0.004%
55	3.833	3.815	3.838	VV	662	7317	0.02%	0.002%
56	3.851	3.838	3.885	VV	927	14406	0.03%	0.004%
57	3.892	3.885	3.896	VV	285	1557	0.00%	0.000%
58	3.931	3.896	3.945	VV	1557	21603	0.05%	0.007%
59	3.954	3.945	3.971	VV	839	8974	0.02%	0.003%
60	3.977	3.971	4.003	VV	259	3087	0.01%	0.001%
61	4.030	4.003	4.060	VV	1819	22221	0.05%	0.007%
62	4.064	4.060	4.078	VV	221	1778	0.00%	0.001%
63	4.082	4.078	4.098	VV	96	702	0.00%	0.000%
64	4.147	4.098	4.175	PV	2977	51601	0.12%	0.016%
65	4.202	4.175	4.225	VV	3286	49734	0.12%	0.015%
66	4.248	4.225	4.276	VV	906	17288	0.04%	0.005%
67	4.312	4.276	4.355	VV	14189	220341	0.51%	0.067%
68	4.362	4.355	4.422	VV	1518	34729	0.08%	0.011%
69	4.426	4.422	4.447	VV	543	7488	0.02%	0.002%
70	4.453	4.447	4.458	VV	455	2881	0.01%	0.001%
71	4.478	4.458	4.504	VV	883	18645	0.04%	0.006%
72	4.539	4.504	4.569	VV	1054	32187	0.07%	0.010%
73	4.598	4.569	4.620	VV	2250	29954	0.07%	0.009%
74	4.640	4.620	4.657	VV	1244	12078	0.03%	0.004%
75	4.677	4.657	4.692	VV	855	9752	0.02%	0.003%
76	4.711	4.692	4.742	VV	4857	53474	0.12%	0.016%
77	4.766	4.742	4.789	PV	2160	28068	0.07%	0.009%
78	4.832	4.789	4.870	VV	3298	62003	0.14%	0.019%
79	4.884	4.870	4.898	VV	1176	12437	0.03%	0.004%
80	4.910	4.898	4.928	VV	678	8323	0.02%	0.003%
81	4.967	4.928	4.996	VV	2527	41597	0.10%	0.013%
82	5.016	4.996	5.033	VV	1631	23163	0.05%	0.007%
83	5.060	5.033	5.082	VV	1113	21049	0.05%	0.006%
84	5.112	5.082	5.138	VV	2217	37964	0.09%	0.012%
85	5.150	5.138	5.166	VV	803	9019	0.02%	0.003%
86	5.182	5.166	5.201	VV	1082	11692	0.03%	0.004%
87	5.218	5.201	5.227	PV	936	8216	0.02%	0.002%
88	5.237	5.227	5.262	VV	961	12956	0.03%	0.004%
89	5.278	5.262	5.291	VV	763	9317	0.02%	0.003%

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90	5.309	5.291	5.337	VV	2280	30785	0.07%	0.009%
91	5.357	5.337	5.373	VV	1857	23358	0.05%	0.007%
92	5.389	5.373	5.403	VV	2133	22171	0.05%	0.007%
93	5.420	5.403	5.438	VV	2344	30374	0.07%	0.009%
94	5.444	5.438	5.465	VV	744	6347	0.01%	0.002%
95	5.488	5.465	5.501	PV	655	7754	0.02%	0.002%
96	5.520	5.501	5.531	VV	1064	13126	0.03%	0.004%
97	5.545	5.531	5.568	VV	2245	29281	0.07%	0.009%
98	5.590	5.568	5.604	VV	2215	31768	0.07%	0.010%
99	5.618	5.604	5.634	VV	2641	29856	0.07%	0.009%
100	5.646	5.634	5.656	VV	717	7263	0.02%	0.002%
101	5.682	5.656	5.700	VV	1544	20564	0.05%	0.006%
102	5.712	5.700	5.720	PV	467	3156	0.01%	0.001%
103	5.740	5.720	5.752	VV	10772	112082	0.26%	0.034%
104	5.757	5.752	5.794	VV	6387	80454	0.19%	0.024%
105	5.812	5.794	5.831	VV	2128	26239	0.06%	0.008%
106	5.845	5.831	5.864	VV	984	14083	0.03%	0.004%
107	5.866	5.864	5.884	VV	655	4254	0.01%	0.001%
108	5.898	5.884	5.906	PV	395	3449	0.01%	0.001%
109	5.929	5.906	5.957	VV	5709	80253	0.19%	0.024%
110	5.966	5.957	5.982	VV	1334	14211	0.03%	0.004%
111	6.010	5.982	6.020	VV	3154	39441	0.09%	0.012%
112	6.035	6.020	6.046	VV	6752	77321	0.18%	0.023%
113	6.054	6.046	6.081	VV	5716	69640	0.16%	0.021%
114	6.092	6.081	6.116	VV	2160	33721	0.08%	0.010%
115	6.131	6.116	6.145	VV	6608	65574	0.15%	0.020%
116	6.153	6.145	6.162	VV	2574	24403	0.06%	0.007%
117	6.174	6.162	6.194	VV	2508	34205	0.08%	0.010%
118	6.221	6.194	6.240	VV	3849	52856	0.12%	0.016%
119	6.274	6.240	6.295	PV	4709	80105	0.19%	0.024%
120	6.317	6.295	6.342	VV	11154	153778	0.36%	0.047%
121	6.370	6.342	6.395	VV	4979	94777	0.22%	0.029%
122	6.417	6.395	6.438	PV	4790	54727	0.13%	0.017%
123	6.461	6.438	6.472	VV	5375	70870	0.16%	0.022%
124	6.483	6.472	6.494	VV	5469	58424	0.14%	0.018%
125	6.502	6.494	6.530	VV	4732	73933	0.17%	0.022%
126	6.546	6.530	6.562	VV	5346	62593	0.15%	0.019%
127	6.568	6.562	6.579	VV	2792	26938	0.06%	0.008%
128	6.601	6.579	6.626	VV	6263	96843	0.23%	0.029%
129	6.649	6.626	6.661	VV	2536	36042	0.08%	0.011%
130	6.702	6.661	6.733	VV	9760	176575	0.41%	0.054%
131	6.747	6.733	6.754	VV	2515	25340	0.06%	0.008%
132	6.774	6.754	6.825	VV	28791	359193	0.84%	0.109%
133	6.836	6.825	6.844	VV	818	6399	0.01%	0.002%
134	6.864	6.844	6.877	VV	2862	32414	0.08%	0.010%
135	6.892	6.877	6.910	VV	4205	63706	0.15%	0.019%
136	6.928	6.910	6.958	VV	13683	181549	0.42%	0.055%
137	6.977	6.958	6.992	VV	6325	85274	0.20%	0.026%
138	7.002	6.992	7.015	VV	3529	34632	0.08%	0.011%
139	7.061	7.015	7.082	VV	10899	171212	0.40%	0.052%
140	7.104	7.082	7.113	PV	6118	72613	0.17%	0.022%
141	7.122	7.113	7.135	VV	6505	66762	0.16%	0.020%

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142	7.141	7.135	7.154	VV	3098	26167	0.06%	0.008%
143	7.186	7.154	7.211	VV	25484	307676	0.72%	0.093%
144	7.226	7.211	7.238	VV	2594	34237	0.08%	0.010%
145	7.259	7.238	7.274	VV	6585	92513	0.22%	0.028%
146	7.308	7.274	7.331	VV	12595	245472	0.57%	0.075%
147	7.351	7.331	7.377	VV	16583	216511	0.50%	0.066%
148	7.418	7.377	7.440	VV	21542	404700	0.94%	0.123%
149	7.455	7.440	7.478	VV	9628	130193	0.30%	0.040%
150	7.498	7.478	7.537	VV	20436	302228	0.70%	0.092%
151	7.555	7.537	7.581	VV	13641	199774	0.46%	0.061%
152	7.600	7.581	7.617	VV	7229	98187	0.23%	0.030%
153	7.631	7.617	7.663	VV	4288	97611	0.23%	0.030%
154	7.706	7.663	7.710	VV	30829	343154	0.80%	0.104%
155	7.725	7.710	7.751	VV	66660	804889	1.87%	0.245%
156	7.765	7.751	7.787	VV	11377	182626	0.43%	0.055%
157	7.796	7.787	7.834	VV	8085	174183	0.41%	0.053%
158	7.847	7.834	7.870	VV	4457	75105	0.17%	0.023%
159	7.901	7.870	7.915	VV	24457	321179	0.75%	0.098%
160	7.920	7.915	7.939	VV	13153	135386	0.32%	0.041%
161	7.956	7.939	7.974	VV	9347	120955	0.28%	0.037%
162	7.999	7.974	8.012	VV	6061	82243	0.19%	0.025%
163	8.023	8.012	8.028	VV	4639	40570	0.09%	0.012%
164	8.044	8.028	8.056	VV	12905	154847	0.36%	0.047%
165	8.064	8.056	8.083	VV	10308	126317	0.29%	0.038%
166	8.098	8.083	8.129	VV	8743	186285	0.43%	0.057%
167	8.159	8.129	8.176	VV	14911	267634	0.62%	0.081%
168	8.189	8.176	8.198	VV	12042	147217	0.34%	0.045%
169	8.210	8.198	8.228	VV	13572	186659	0.43%	0.057%
170	8.253	8.228	8.274	VV	17116	263343	0.61%	0.080%
171	8.301	8.274	8.322	VV	20174	316927	0.74%	0.096%
172	8.341	8.322	8.351	VV	23541	278873	0.65%	0.085%
173	8.361	8.351	8.386	VV	24014	317069	0.74%	0.096%
174	8.429	8.386	8.466	VV	33319	629976	1.47%	0.191%
175	8.485	8.466	8.502	VV	7426	143739	0.33%	0.044%
176	8.537	8.502	8.551	VV	22791	459475	1.07%	0.140%
177	8.572	8.551	8.585	VV	25776	448154	1.04%	0.136%
178	8.610	8.585	8.638	VV	102701	1407854	3.28%	0.428%
179	8.654	8.638	8.672	VV	16485	252339	0.59%	0.077%
180	8.722	8.672	8.746	VV	45475	893335	2.08%	0.271%
181	8.776	8.746	8.789	VV	17595	355996	0.83%	0.108%
182	8.801	8.789	8.816	VV	16754	216360	0.50%	0.066%
183	8.835	8.816	8.873	VV	22717	453930	1.06%	0.138%
184	8.905	8.873	8.927	VV	12437	269958	0.63%	0.082%
185	8.941	8.927	8.954	VV	8742	111329	0.26%	0.034%
186	8.973	8.954	8.980	VV	14391	164899	0.38%	0.050%
187	8.988	8.980	9.000	VV	14966	162924	0.38%	0.050%
188	9.021	9.000	9.045	VV	31726	569756	1.33%	0.173%
189	9.062	9.045	9.088	VV	22867	457952	1.07%	0.139%
190	9.104	9.088	9.124	VV	18478	324515	0.76%	0.099%
191	9.151	9.124	9.177	VV	47517	762039	1.77%	0.232%
192	9.205	9.177	9.246	VV	18373	509734	1.19%	0.155%
193	9.263	9.246	9.281	VV	18439	296918	0.69%	0.090%
194	9.298	9.281	9.322	VV	23779	391974	0.91%	0.119%

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195	9.336	9.322	9.352	VV	9865	158405	0.37%	0.048%
196	9.384	9.352	9.402	VV	16164	395331	0.92%	0.120%
197	9.440	9.402	9.463	VV	131174	1666405	3.88%	0.506%
198	9.476	9.463	9.507	VV	18302	355101	0.83%	0.108%
199	9.527	9.507	9.557	VV	15559	341805	0.80%	0.104%
200	9.593	9.557	9.612	VV	16462	367080	0.85%	0.112%
201	9.626	9.612	9.636	VV	12026	137832	0.32%	0.042%
202	9.645	9.636	9.658	VV	11816	135380	0.32%	0.041%
203	9.676	9.658	9.693	VV	19008	284325	0.66%	0.086%
204	9.704	9.693	9.710	VV	10109	97778	0.23%	0.030%
205	9.730	9.710	9.750	VV	17959	309085	0.72%	0.094%
206	9.771	9.750	9.791	VV	17947	323205	0.75%	0.098%
207	9.816	9.791	9.850	VV	51330	922111	2.15%	0.280%
208	9.862	9.850	9.873	VV	15227	194689	0.45%	0.059%
209	9.897	9.873	9.925	VV	25906	568464	1.32%	0.173%
210	9.949	9.925	9.984	VV	24477	620849	1.45%	0.189%
211	10.000	9.984	10.039	VV	22439	492745	1.15%	0.150%
212	10.054	10.039	10.069	VV	10141	168331	0.39%	0.051%
213	10.077	10.069	10.088	VV	10052	102498	0.24%	0.031%
214	10.102	10.088	10.117	VV	10264	165982	0.39%	0.050%
215	10.138	10.117	10.152	VV	17242	271187	0.63%	0.082%
216	10.181	10.152	10.202	VV	21583	490249	1.14%	0.149%
217	10.224	10.202	10.278	VV	133958	1869984	4.35%	0.568%
218	10.303	10.278	10.318	VV	11961	246691	0.57%	0.075%
219	10.328	10.318	10.373	VV	11499	251492	0.59%	0.076%
220	10.402	10.373	10.432	VV	12187	275857	0.64%	0.084%
221	10.436	10.432	10.453	VV	6660	80810	0.19%	0.025%
222	10.476	10.453	10.483	VV	6658	106611	0.25%	0.032%
223	10.500	10.483	10.523	VV	9388	177465	0.41%	0.054%
224	10.570	10.523	10.592	VV	17337	455801	1.06%	0.139%
225	10.614	10.592	10.642	VV	50952	821918	1.91%	0.250%
226	10.667	10.642	10.685	VV	19786	370105	0.86%	0.112%
227	10.703	10.685	10.727	VV	28068	445222	1.04%	0.135%
228	10.757	10.727	10.790	VV	21188	491330	1.14%	0.149%
229	10.819	10.790	10.854	VV	12920	344104	0.80%	0.105%
230	10.875	10.854	10.908	VV	18085	406994	0.95%	0.124%
231	10.918	10.908	10.930	VV	10211	118816	0.28%	0.036%
232	10.966	10.930	11.003	VV	126454	1770897	4.12%	0.538%
233	11.037	11.003	11.066	VV	51611	1056481	2.46%	0.321%
234	11.090	11.066	11.116	VV	11706	280842	0.65%	0.085%
235	11.128	11.116	11.143	VV	7494	106175	0.25%	0.032%
236	11.159	11.143	11.172	VV	6991	113806	0.26%	0.035%
237	11.191	11.172	11.202	VV	9551	145557	0.34%	0.044%
238	11.228	11.202	11.268	VV	202490	2495829	5.81%	0.758%
239	11.302	11.268	11.325	VV	86881	1156162	2.69%	0.351%
240	11.360	11.325	11.376	VV	18865	423239	0.99%	0.129%
241	11.381	11.376	11.404	VV	12519	154563	0.36%	0.047%
242	11.422	11.404	11.458	VV	14270	273728	0.64%	0.083%
243	11.475	11.458	11.495	VV	14112	196261	0.46%	0.060%
244	11.516	11.495	11.558	VV	18380	344834	0.80%	0.105%
245	11.590	11.558	11.607	VV	7505	162315	0.38%	0.049%
246	11.623	11.607	11.643	VV	9360	172988	0.40%	0.053%

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247	11.673	11.643	11.710	VV	108681	1514454	3.52%	0.460%
248	11.719	11.710	11.730	VV	11828	130699	0.30%	0.040%
249	11.763	11.730	11.805	VV	43527	857645	2.00%	0.261%
250	11.829	11.805	11.849	VV	8962	157412	0.37%	0.048%
251	11.880	11.849	11.898	VV	9981	202853	0.47%	0.062%
252	11.922	11.898	11.947	VV	17006	309776	0.72%	0.094%
253	11.967	11.947	12.008	VV	12219	338677	0.79%	0.103%
254	12.033	12.008	12.048	VV	36741	461332	1.07%	0.140%
255	12.065	12.048	12.093	VV	50462	651036	1.52%	0.198%
256	12.110	12.093	12.116	VV	10055	109821	0.26%	0.033%
257	12.151	12.116	12.168	VV	42897	760340	1.77%	0.231%
258	12.183	12.168	12.196	VV	27821	331287	0.77%	0.101%
259	12.213	12.196	12.260	VV	33683	572473	1.33%	0.174%
260	12.283	12.260	12.303	VV	8189	145590	0.34%	0.044%
261	12.346	12.303	12.370	VV	86119	1265871	2.95%	0.385%
262	12.402	12.370	12.428	VV	597339	7092066	16.51%	2.155%
263	12.446	12.428	12.485	VV	14603	368746	0.86%	0.112%
264	12.505	12.485	12.530	VV	26678	399031	0.93%	0.121%
265	12.618	12.530	12.664	VV	272033	4878990	11.36%	1.483%
266	12.681	12.664	12.702	VV	25468	344225	0.80%	0.105%
267	12.721	12.702	12.728	VV	9921	128150	0.30%	0.039%
268	12.757	12.728	12.795	VV	17072	403303	0.94%	0.123%
269	12.833	12.795	12.870	VV	24991	595056	1.38%	0.181%
270	12.892	12.870	12.916	VV	20362	345795	0.80%	0.105%
271	12.940	12.916	12.959	VV	34185	508014	1.18%	0.154%
272	12.987	12.959	13.024	VV	82550	1326161	3.09%	0.403%
273	13.062	13.024	13.106	VV	324731	3869085	9.01%	1.176%
274	13.126	13.106	13.141	VV	5569	83212	0.19%	0.025%
275	13.156	13.141	13.172	VV	6279	89920	0.21%	0.027%
276	13.193	13.172	13.207	VV	14527	206126	0.48%	0.063%
277	13.212	13.207	13.223	VV	9610	84577	0.20%	0.026%
278	13.244	13.223	13.259	VV	22403	325763	0.76%	0.099%
279	13.268	13.259	13.283	VV	13493	164934	0.38%	0.050%
280	13.296	13.283	13.331	VV	9161	178415	0.42%	0.054%
281	13.361	13.331	13.394	PV	285829	3485326	8.11%	1.059%
282	13.446	13.394	13.471	VV	2395597	42964727	100.00%	13.056%
283	13.496	13.471	13.513	VV	1476794	18113607	42.16%	5.504%
284	13.519	13.513	13.553	VV	136175	1432200	3.33%	0.435%
285	13.570	13.553	13.583	VV	12001	151293	0.35%	0.046%
286	13.644	13.583	13.653	VV	358263	6355411	14.79%	1.931%
287	13.660	13.653	13.677	VV	342270	3704259	8.62%	1.126%
288	13.691	13.677	13.747	VV	219069	3517766	8.19%	1.069%
289	13.759	13.747	13.796	VV	16714	357117	0.83%	0.109%
290	13.841	13.796	13.873	VV	112112	1884227	4.39%	0.573%
291	13.891	13.873	13.917	VV	12305	259161	0.60%	0.079%
292	13.958	13.917	13.991	VV	66867	1222266	2.84%	0.371%
293	13.996	13.991	14.010	VV	8168	79145	0.18%	0.024%
294	14.026	14.010	14.042	VV	10158	140052	0.33%	0.043%
295	14.065	14.042	14.085	VV	42337	571576	1.33%	0.174%
296	14.106	14.085	14.125	VV	35286	500874	1.17%	0.152%
297	14.141	14.125	14.164	VV	14861	251752	0.59%	0.077%
298	14.191	14.164	14.216	VV	53385	796587	1.85%	0.242%
299	14.234	14.216	14.256	VV	42383	599714	1.40%	0.182%

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300	14.274	14.256	14.303	VV	32952	453184	1.05%	0.138%
301	14.308	14.303	14.320	VV	7660	72182	0.17%	0.022%
302	14.338	14.320	14.365	VV	8694	150083	0.35%	0.046%
303	14.407	14.365	14.444	PV	16311	358855	0.84%	0.109%
304	14.476	14.444	14.522	VV	15684	472515	1.10%	0.144%
305	14.534	14.522	14.540	VV	3936	37328	0.09%	0.011%
306	14.584	14.540	14.612	VV	29835	613083	1.43%	0.186%
307	14.647	14.612	14.669	VV	33698	769117	1.79%	0.234%
308	14.686	14.669	14.726	VV	33952	574427	1.34%	0.175%
309	14.757	14.726	14.779	VV	47477	730662	1.70%	0.222%
310	14.812	14.779	14.841	VV	47446	1083181	2.52%	0.329%
311	14.867	14.841	14.909	VV	39725	839326	1.95%	0.255%
312	14.931	14.909	14.953	VV	54313	760446	1.77%	0.231%
313	14.989	14.953	15.024	VV	29997	725825	1.69%	0.221%
314	15.094	15.024	15.129	VV	173337	3052827	7.11%	0.928%
315	15.134	15.129	15.171	VV	9911	120299	0.28%	0.037%
316	15.197	15.171	15.210	PV	17669	232539	0.54%	0.071%
317	15.246	15.210	15.266	VV	170892	2660068	6.19%	0.808%
318	15.289	15.266	15.319	VV	199682	2506336	5.83%	0.762%
319	15.340	15.319	15.364	VV	8099	159615	0.37%	0.049%
320	15.406	15.364	15.463	VV	44172	902840	2.10%	0.274%
321	15.489	15.463	15.522	VV	19539	335178	0.78%	0.102%
322	15.551	15.522	15.575	PV	17985	308981	0.72%	0.094%
323	15.588	15.575	15.596	VV	10527	116131	0.27%	0.035%
324	15.606	15.596	15.646	VV	11863	197083	0.46%	0.060%
325	15.679	15.646	15.720	VV	78888	1229361	2.86%	0.374%
326	15.727	15.720	15.753	VV	9245	104639	0.24%	0.032%
327	15.761	15.753	15.771	VV	1654	15173	0.04%	0.005%
328	15.818	15.771	15.850	VV	24095	412474	0.96%	0.125%
329	15.877	15.850	15.899	VV	37602	563148	1.31%	0.171%
330	15.920	15.899	15.940	VV	50220	695939	1.62%	0.211%
331	15.958	15.940	15.987	VV	25085	345723	0.80%	0.105%
332	16.005	15.987	16.016	VV	11276	138669	0.32%	0.042%
333	16.036	16.016	16.048	VV	19228	284244	0.66%	0.086%
334	16.081	16.048	16.124	VV	30592	821158	1.91%	0.250%
335	16.156	16.124	16.177	VV	12951	212473	0.49%	0.065%
336	16.201	16.177	16.226	VV	6591	133168	0.31%	0.040%
337	16.240	16.226	16.265	VV	9303	130789	0.30%	0.040%
338	16.281	16.265	16.299	VV	7818	105893	0.25%	0.032%
339	16.322	16.299	16.342	VV	21232	321260	0.75%	0.098%
340	16.348	16.342	16.374	VV	9310	133664	0.31%	0.041%
341	16.388	16.374	16.407	VV	5416	65545	0.15%	0.020%
342	16.428	16.407	16.438	VV	2438	22470	0.05%	0.007%
343	16.453	16.438	16.474	VV	2893	27609	0.06%	0.008%
344	16.520	16.474	16.523	PV	10063	119170	0.28%	0.036%
345	16.535	16.523	16.552	VV	11179	153787	0.36%	0.047%
346	16.559	16.552	16.574	VV	6471	55628	0.13%	0.017%
347	16.595	16.574	16.610	VV	10543	141397	0.33%	0.043%
348	16.627	16.610	16.649	VV	11471	200444	0.47%	0.061%
349	16.694	16.649	16.766	VV	41339	1041641	2.42%	0.317%
350	16.814	16.766	16.832	VV	194137	2945195	6.85%	0.895%
351	16.840	16.832	16.861	VV	83984	883579	2.06%	0.268%

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352	16.867	16.861	16.882	VV	10728	114207	0.27%	0.035%
353	16.886	16.882	16.918	VV	7189	92390	0.22%	0.028%
354	16.942	16.918	16.965	VV	43246	539791	1.26%	0.164%
355	16.976	16.965	16.993	VV	7748	96839	0.23%	0.029%
356	17.031	16.993	17.046	VV	6866	178629	0.42%	0.054%
357	17.063	17.046	17.080	VV	9673	136318	0.32%	0.041%
358	17.137	17.080	17.164	VV	121107	1942499	4.52%	0.590%
359	17.196	17.164	17.228	VV	164996	2060832	4.80%	0.626%
360	17.295	17.228	17.315	VV	51710	993068	2.31%	0.302%
361	17.325	17.315	17.329	VV	13857	111557	0.26%	0.034%
362	17.343	17.329	17.376	VV	17143	303322	0.71%	0.092%
363	17.437	17.376	17.441	VV	14927	344172	0.80%	0.105%
364	17.445	17.441	17.468	VV	14749	172483	0.40%	0.052%
365	17.473	17.468	17.480	VV	4881	28541	0.07%	0.009%
366	17.501	17.480	17.513	VV	9032	133343	0.31%	0.041%
367	17.554	17.513	17.589	VV	25104	747275	1.74%	0.227%
368	17.596	17.589	17.618	VV	18228	237368	0.55%	0.072%
369	17.640	17.618	17.667	VV	30006	505402	1.18%	0.154%
370	17.700	17.667	17.707	VV	23939	383140	0.89%	0.116%
371	17.724	17.707	17.749	VV	45083	698276	1.63%	0.212%
372	17.779	17.749	17.793	VV	18313	324622	0.76%	0.099%
373	17.805	17.793	17.829	VV	16877	251422	0.59%	0.076%
374	17.853	17.829	17.878	VV	29084	520579	1.21%	0.158%
375	17.897	17.878	17.928	VV	14198	319780	0.74%	0.097%
376	17.949	17.928	17.966	VV	9704	169399	0.39%	0.051%
377	17.996	17.966	18.021	VV	11928	288584	0.67%	0.088%
378	18.031	18.021	18.053	VV	8321	139967	0.33%	0.043%
379	18.076	18.053	18.080	VV	10737	142251	0.33%	0.043%
380	18.106	18.080	18.114	VV	11926	226255	0.53%	0.069%
381	18.168	18.114	18.208	VV	32364	1052394	2.45%	0.320%
382	18.252	18.208	18.275	VV	25552	660224	1.54%	0.201%
383	18.293	18.275	18.303	VV	22779	327865	0.76%	0.100%
384	18.322	18.303	18.345	VV	38919	806312	1.88%	0.245%
385	18.351	18.345	18.383	VV	30166	579585	1.35%	0.176%
386	18.403	18.383	18.422	VV	26229	532526	1.24%	0.162%
387	18.426	18.422	18.446	VV	22188	241843	0.56%	0.073%
388	18.478	18.446	18.501	VV	51485	1127015	2.62%	0.342%
389	18.522	18.501	18.545	VV	62569	1244865	2.90%	0.378%
390	18.574	18.545	18.636	VV	143129	3439073	8.00%	1.045%
391	18.653	18.636	18.669	VV	30394	502756	1.17%	0.153%
392	18.699	18.669	18.716	VV	66094	1235373	2.88%	0.375%
393	18.733	18.716	18.790	VV	58421	1562868	3.64%	0.475%
394	18.831	18.790	18.859	VV	130516	2277709	5.30%	0.692%
395	18.880	18.859	18.885	VV	27300	406436	0.95%	0.124%
396	18.913	18.885	18.926	VV	33545	741596	1.73%	0.225%
397	18.960	18.926	18.977	VV	59812	1295135	3.01%	0.394%
398	18.996	18.977	19.024	VV	58660	1258506	2.93%	0.382%
399	19.036	19.024	19.041	VV	26604	256948	0.60%	0.078%
400	19.054	19.041	19.070	VV	29358	457454	1.06%	0.139%
401	19.094	19.070	19.099	VV	43230	594038	1.38%	0.181%
402	19.122	19.099	19.147	VV	53919	1346765	3.13%	0.409%
403	19.166	19.147	19.197	VV	43823	1196233	2.78%	0.364%
404	19.215	19.197	19.221	VV	36188	506562	1.18%	0.154%

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405	19.224	19.221	19.237	VV	35683	328788	0.77%	0.100%
406	19.261	19.237	19.271	VV	47627	845405	1.97%	0.257%
407	19.276	19.271	19.280	VV	42101	231386	0.54%	0.070%
408	19.298	19.280	19.314	VV	44729	859646	2.00%	0.261%
409	19.363	19.314	19.388	VV	166008	4104836	9.55%	1.247%
410	19.410	19.388	19.461	VV	87555	2795905	6.51%	0.850%
411	19.502	19.461	19.522	VV	68432	2130425	4.96%	0.647%
412	19.542	19.522	19.567	VV	88495	1887910	4.39%	0.574%
413	19.575	19.567	19.592	VV	45401	649471	1.51%	0.197%
414	19.647	19.592	19.687	VV	72856	3169667	7.38%	0.963%
415	19.699	19.687	19.722	VV	60939	1105167	2.57%	0.336%
416	19.728	19.722	19.741	VV	43819	509760	1.19%	0.155%
417	19.754	19.741	19.760	VV	49257	521403	1.21%	0.158%
418	19.789	19.760	19.803	VV	57476	1318904	3.07%	0.401%
419	19.822	19.803	19.837	VV	59655	1126358	2.62%	0.342%
420	19.861	19.837	19.880	VV	83116	1735481	4.04%	0.527%
421	19.887	19.880	19.894	VV	63118	500996	1.17%	0.152%
422	19.895	19.894	19.917	VV	60833	838681	1.95%	0.255%
423	19.928	19.917	19.933	VV	57652	548546	1.28%	0.167%
424	19.942	19.933	19.955	VV	60115	736625	1.71%	0.224%
425	19.993	19.955	20.034	VV	101547	3588923	8.35%	1.091%
426	20.061	20.034	20.107	VV	110201	3714683	8.65%	1.129%
427	20.151	20.107	20.182	VV	199583	4851591	11.29%	1.474%
428	20.190	20.182	20.207	VV	69047	1022017	2.38%	0.311%
429	20.212	20.207	20.233	VV	65428	959883	2.23%	0.292%
430	20.269	20.233	20.274	VV	70568	1566513	3.65%	0.476%
431	20.277	20.274	20.285	VV	69959	441415	1.03%	0.134%
432	20.288	20.285	20.300	VV	64921	596031	1.39%	0.181%
433	20.371	20.300	20.404	VV	123021	5295276	12.32%	1.609%
434	20.445	20.404	20.469	VV	95584	3239758	7.54%	0.984%
435	20.474	20.469	20.489	VV	85049	946440	2.20%	0.288%
436	20.522	20.489	20.545	VV	96425	2839826	6.61%	0.863%
437	20.550	20.545	20.570	VV	75273	1090970	2.54%	0.332%
438	20.574	20.570	20.590	VV	72319	819178	1.91%	0.249%
439	20.611	20.590	20.616	VV	76639	1112901	2.59%	0.338%
440	20.619	20.616	20.635	VV	74627	831714	1.94%	0.253%
441	20.652	20.635	20.659	VV	77709	1108456	2.58%	0.337%
442	20.693	20.659	20.698	VV	87246	1887209	4.39%	0.573%
443	20.702	20.698	20.726	VV	87125	1434396	3.34%	0.436%
444	20.738	20.726	20.757	VV	87694	1583743	3.69%	0.481%
445	20.775	20.757	20.781	VV	85406	1197078	2.79%	0.364%
446	20.790	20.781	20.815	VV	86853	1677250	3.90%	0.510%
447	20.845	20.815	20.877	VV	93209	3117604	7.26%	0.947%
448	20.885	20.877	20.892	VV	78661	691397	1.61%	0.210%
449	20.897	20.892	20.922	VV	76430	1240530	2.89%	0.377%
450	20.955	20.922	20.972	VV	70791	2036441	4.74%	0.619%
451	20.978	20.972	20.986	VV	69521	603950	1.41%	0.184%
452	20.994	20.986	21.007	VV	72514	858076	2.00%	0.261%
453	21.013	21.007	21.022	VV	71487	635349	1.48%	0.193%
454	21.027	21.022	21.042	VV	73125	869549	2.02%	0.264%
455	21.047	21.042	21.054	VV	70647	492568	1.15%	0.150%
456	21.062	21.054	21.088	VV	69949	1355801	3.16%	0.412%

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457	21.094	21.088	21.119	VV	65564	1166499	2.72%	0.354%	
458	21.131	21.119	21.185	VV	58149	2100312	4.89%	0.638%	
459	21.197	21.185	21.219	VV	51503	994537	2.31%	0.302%	
460	21.225	21.219	21.243	VV	49436	676204	1.57%	0.205%	
461	21.249	21.243	21.253	VV	46084	284928	0.66%	0.087%	
462	21.289	21.253	21.313	VV	63267	1956536	4.55%	0.595%	
463	21.320	21.313	21.328	VV	54573	494446	1.15%	0.150%	
464	21.335	21.328	21.342	VV	52313	418714	0.97%	0.127%	
465	21.347	21.342	21.356	VV	51068	434618	1.01%	0.132%	
466	21.362	21.356	21.370	VV	50847	421641	0.98%	0.128%	
467	21.387	21.370	21.402	VV	50576	944774	2.20%	0.287%	
468	21.409	21.402	21.447	VV	52726	1227366	2.86%	0.373%	
469	21.452	21.447	21.482	VV	40716	795451	1.85%	0.242%	
470	21.516	21.482	21.529	VV	38989	1056298	2.46%	0.321%	
471	21.538	21.529	21.549	VV	38169	420280	0.98%	0.128%	
472	21.554	21.549	21.564	VV	36039	318601	0.74%	0.097%	
473	21.572	21.564	21.579	VV	37469	326438	0.76%	0.099%	
474	21.587	21.579	21.600	VV	39837	476008	1.11%	0.145%	
475	21.612	21.600	21.617	VV	38982	394930	0.92%	0.120%	
476	21.642	21.617	21.669	VV	41595	1214225	2.83%	0.369%	
477	21.672	21.669	21.694	VV	37769	545784	1.27%	0.166%	
478	21.697	21.694	21.701	VV	36809	160129	0.37%	0.049%	
479	21.715	21.701	21.724	VV	37150	496200	1.15%	0.151%	
480	21.733	21.724	21.767	VV	37564	781279	1.82%	0.237%	
481	21.828	21.767	21.845	VV	33381	1340020	3.12%	0.407%	
482	21.856	21.845	21.864	VV	31025	327245	0.76%	0.099%	
483	21.873	21.864	21.902	VV	28668	581448	1.35%	0.177%	
484	21.908	21.902	21.921	VV	21298	226656	0.53%	0.069%	
485	21.940	21.921	21.946	VV	23412	315944	0.74%	0.096%	
486	21.952	21.946	21.962	VV	23266	206338	0.48%	0.063%	
487	22.000	21.962	22.015	VV	32024	899303	2.09%	0.273%	
488	22.021	22.015	22.089	VV	30330	959983	2.23%	0.292%	
489	22.096	22.089	22.101	VV	6646	39456	0.09%	0.012%	
490	22.119	22.101	22.124	VV	9530	96884	0.23%	0.029%	
491	22.134	22.124	22.188	VV	11472	213593	0.50%	0.065%	
492	22.243	22.188	22.249	PV	15843	386825	0.90%	0.118%	
493	22.259	22.249	22.300	VBA	15070	343837	0.80%	0.104%	
					Sum of corrected areas:				329085716

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