

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF033023\
 Data File : FF012375.D
 Signal(s) : FID2B.ch
 Acq On : 30 Mar 2023 13:49
 Sample : 02126-06
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031623.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.911	1.900	1.945	BV	549	5815	0.10%	0.004%
2	1.967	1.945	2.005	PV	378	4990	0.08%	0.004%
3	2.012	2.005	2.019	VV	130	690	0.01%	0.000%
4	2.028	2.019	2.035	VV	136	736	0.01%	0.001%
5	2.044	2.035	2.053	PV	124	799	0.01%	0.001%
6	2.075	2.053	2.112	PV	294	6403	0.11%	0.005%
7	2.116	2.112	2.133	VV	166	1343	0.02%	0.001%
8	2.154	2.133	2.171	VV	243	3073	0.05%	0.002%
9	2.190	2.171	2.212	VV	172	2358	0.04%	0.002%
10	2.214	2.212	2.218	VV	97	278	0.00%	0.000%
11	2.247	2.218	2.293	VV	162	3756	0.06%	0.003%
12	2.298	2.293	2.312	VV	181	1280	0.02%	0.001%
13	2.321	2.312	2.329	VV	459	3666	0.06%	0.003%
14	2.333	2.329	2.352	VV	398	4358	0.07%	0.003%
15	2.362	2.352	2.424	VV	4427	55745	0.95%	0.040%
16	2.429	2.424	2.435	VV	286	1516	0.03%	0.001%
17	2.441	2.435	2.472	VV	316	3464	0.06%	0.002%
18	2.491	2.472	2.513	VV	247	2857	0.05%	0.002%
19	2.543	2.513	2.554	VV	231	2994	0.05%	0.002%
20	2.558	2.554	2.561	VV	130	495	0.01%	0.000%
21	2.574	2.561	2.598	VV	211	3220	0.05%	0.002%
22	2.606	2.598	2.613	VV	161	1110	0.02%	0.001%
23	2.617	2.613	2.622	VV	126	516	0.01%	0.000%
24	2.651	2.622	2.662	PV	422	5372	0.09%	0.004%
25	2.673	2.662	2.704	VV	217	3768	0.06%	0.003%
26	2.709	2.704	2.714	VV	113	483	0.01%	0.000%
27	2.730	2.714	2.736	VV	153	1054	0.02%	0.001%
28	2.763	2.736	2.842	VV	406	11513	0.20%	0.008%
29	2.867	2.842	2.899	VV	218	4827	0.08%	0.003%
30	2.902	2.899	2.907	VV	184	422	0.01%	0.000%
31	2.924	2.907	2.937	VV	176	1972	0.03%	0.001%
32	2.987	2.937	3.020	VV	802	19430	0.33%	0.014%
33	3.035	3.020	3.053	VV	741	10143	0.17%	0.007%
34	3.061	3.053	3.077	VV	497	6211	0.11%	0.004%
35	3.083	3.077	3.124	VV	423	9126	0.15%	0.007%
36	3.127	3.124	3.138	VV	317	1959	0.03%	0.001%

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37	3.143	3.138	3.147	VV	303	1280	0.02%	0.001%
38	3.154	3.147	3.167	VV	258	2390	0.04%	0.002%
39	3.174	3.167	3.182	VV	179	1169	0.02%	0.001%
40	3.192	3.182	3.200	VV	174	1405	0.02%	0.001%
41	3.212	3.200	3.219	VV	196	1465	0.02%	0.001%
42	3.231	3.219	3.235	VV	147	977	0.02%	0.001%
43	3.247	3.235	3.262	VV	133	1512	0.03%	0.001%
44	3.275	3.262	3.308	VV	220	4203	0.07%	0.003%
45	3.337	3.308	3.420	VV	387	14268	0.24%	0.010%
46	3.481	3.420	3.498	VV	578	15974	0.27%	0.012%
47	3.506	3.498	3.518	VV	477	5384	0.09%	0.004%
48	3.529	3.518	3.544	VV	587	8186	0.14%	0.006%
49	3.558	3.544	3.569	VV	532	6716	0.11%	0.005%
50	3.572	3.569	3.598	VV	502	8155	0.14%	0.006%
51	3.604	3.598	3.607	VV	452	2196	0.04%	0.002%
52	3.630	3.607	3.640	VV	540	9544	0.16%	0.007%
53	3.648	3.640	3.678	VV	577	9836	0.17%	0.007%
54	3.693	3.678	3.722	VV	620	8662	0.15%	0.006%
55	3.731	3.722	3.744	VV	235	2265	0.04%	0.002%
56	3.762	3.744	3.767	VV	169	2071	0.04%	0.001%
57	3.790	3.767	3.795	VV	255	3392	0.06%	0.002%
58	3.799	3.795	3.813	VV	315	2580	0.04%	0.002%
59	3.844	3.813	3.856	VV	449	8067	0.14%	0.006%
60	3.866	3.856	3.890	VV	483	6568	0.11%	0.005%
61	3.896	3.890	3.899	VV	157	755	0.01%	0.001%
62	3.925	3.899	3.936	VV	364	6347	0.11%	0.005%
63	3.953	3.936	3.970	VV	357	5576	0.09%	0.004%
64	3.975	3.970	3.981	VV	269	1250	0.02%	0.001%
65	3.984	3.981	3.993	VV	206	896	0.02%	0.001%
66	4.024	3.993	4.037	VV	322	4502	0.08%	0.003%
67	4.060	4.037	4.089	VV	261	4209	0.07%	0.003%
68	4.095	4.089	4.105	VV	112	670	0.01%	0.000%
69	4.134	4.105	4.146	VV	486	6244	0.11%	0.004%
70	4.164	4.146	4.169	VV	473	5623	0.10%	0.004%
71	4.182	4.169	4.222	VV	570	12943	0.22%	0.009%
72	4.237	4.222	4.262	VV	511	8577	0.15%	0.006%
73	4.299	4.262	4.304	VV	991	12459	0.21%	0.009%
74	4.315	4.304	4.330	VV	1117	14945	0.25%	0.011%
75	4.340	4.330	4.350	VV	661	7184	0.12%	0.005%
76	4.361	4.350	4.411	VV	738	17587	0.30%	0.013%
77	4.428	4.411	4.475	VV	404	11076	0.19%	0.008%
78	4.485	4.475	4.504	VV	268	3582	0.06%	0.003%
79	4.509	4.504	4.517	VV	207	1431	0.02%	0.001%
80	4.545	4.517	4.554	VV	263	4375	0.07%	0.003%
81	4.561	4.554	4.565	VV	176	1161	0.02%	0.001%
82	4.588	4.565	4.612	VV	739	10381	0.18%	0.007%
83	4.629	4.612	4.647	VV	749	8886	0.15%	0.006%
84	4.661	4.647	4.687	VV	432	6363	0.11%	0.005%
85	4.700	4.687	4.721	VV	509	6583	0.11%	0.005%
86	4.745	4.721	4.774	VV	4169	49446	0.84%	0.036%
87	4.785	4.774	4.796	VV	604	7147	0.12%	0.005%
88	4.822	4.796	4.921	VV	2842	73833	1.25%	0.053%
89	4.927	4.921	4.964	VV	364	7315	0.12%	0.005%

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90	4.977	4.964	4.986	VV	410	4170	0.07%	0.003%
91	5.005	4.986	5.019	VV	343	6143	0.10%	0.004%
92	5.031	5.019	5.069	VV	357	7744	0.13%	0.006%
93	5.094	5.069	5.135	VV	554	15954	0.27%	0.011%
94	5.164	5.135	5.217	VV	721	23470	0.40%	0.017%
95	5.250	5.217	5.270	VV	371	8175	0.14%	0.006%
96	5.292	5.270	5.316	VV	465	8945	0.15%	0.006%
97	5.344	5.316	5.362	VV	921	16626	0.28%	0.012%
98	5.371	5.362	5.394	VV	480	5985	0.10%	0.004%
99	5.413	5.394	5.424	VV	343	4293	0.07%	0.003%
100	5.429	5.424	5.449	VV	295	3315	0.06%	0.002%
101	5.471	5.449	5.485	VV	523	7231	0.12%	0.005%
102	5.498	5.485	5.514	VV	411	6133	0.10%	0.004%
103	5.531	5.514	5.577	VV	1063	20730	0.35%	0.015%
104	5.581	5.577	5.585	VV	392	1716	0.03%	0.001%
105	5.593	5.585	5.600	VV	413	3399	0.06%	0.002%
106	5.602	5.600	5.647	VV	375	3801	0.06%	0.003%
107	5.664	5.647	5.685	VV	230	2998	0.05%	0.002%
108	5.689	5.685	5.703	VV	139	698	0.01%	0.001%
109	5.721	5.703	5.733	PV	831	8263	0.14%	0.006%
110	5.754	5.733	5.766	VV	811	10716	0.18%	0.008%
111	5.783	5.766	5.809	VV	541	9043	0.15%	0.007%
112	5.845	5.809	5.862	VV	664	10116	0.17%	0.007%
113	5.883	5.862	5.905	VV	9461	97510	1.66%	0.070%
114	5.914	5.905	5.938	VV	1166	14239	0.24%	0.010%
115	5.942	5.938	5.957	VV	173	1701	0.03%	0.001%
116	6.013	5.957	6.025	VV	2545	50335	0.85%	0.036%
117	6.036	6.025	6.052	VV	2631	33167	0.56%	0.024%
118	6.056	6.052	6.062	VV	1657	9663	0.16%	0.007%
119	6.068	6.062	6.099	VV	1684	23180	0.39%	0.017%
120	6.112	6.099	6.148	VV	859	15758	0.27%	0.011%
121	6.157	6.148	6.182	VV	454	6950	0.12%	0.005%
122	6.197	6.182	6.221	VV	409	7147	0.12%	0.005%
123	6.232	6.221	6.237	VV	276	2108	0.04%	0.002%
124	6.256	6.237	6.272	VV	379	6081	0.10%	0.004%
125	6.294	6.272	6.334	VV	23704	285141	4.84%	0.205%
126	6.346	6.334	6.381	VV	2164	38225	0.65%	0.028%
127	6.392	6.381	6.414	VV	947	13933	0.24%	0.010%
128	6.431	6.414	6.445	VV	939	13614	0.23%	0.010%
129	6.458	6.445	6.475	VV	967	14091	0.24%	0.010%
130	6.480	6.475	6.508	VV	643	9561	0.16%	0.007%
131	6.522	6.508	6.531	VV	589	6008	0.10%	0.004%
132	6.539	6.531	6.562	VV	664	9296	0.16%	0.007%
133	6.591	6.562	6.609	VV	864	14801	0.25%	0.011%
134	6.615	6.609	6.627	VV	363	3491	0.06%	0.003%
135	6.639	6.627	6.650	VV	374	4384	0.07%	0.003%
136	6.668	6.650	6.689	VV	574	9027	0.15%	0.006%
137	6.701	6.689	6.730	VV	410	6255	0.11%	0.005%
138	6.749	6.730	6.780	VV	908	12805	0.22%	0.009%
139	6.829	6.780	6.849	VV	266	7319	0.12%	0.005%
140	6.874	6.849	6.884	VV	485	6772	0.12%	0.005%
141	6.900	6.884	6.918	VV	705	8802	0.15%	0.006%

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142	6.941	6.918	6.965	VV	448	8136	0.14%	0.006%
143	6.976	6.965	7.002	VV	165	1595	0.03%	0.001%
144	7.035	7.002	7.051	PV	767	8831	0.15%	0.006%
145	7.076	7.051	7.089	VV	1170	14271	0.24%	0.010%
146	7.106	7.089	7.125	VV	918	15637	0.27%	0.011%
147	7.158	7.125	7.180	VV	1693	30514	0.52%	0.022%
148	7.194	7.180	7.199	VV	659	6169	0.10%	0.004%
149	7.202	7.199	7.224	VV	651	6895	0.12%	0.005%
150	7.253	7.224	7.269	VV	774	14576	0.25%	0.010%
151	7.291	7.269	7.299	VV	1543	20013	0.34%	0.014%
152	7.322	7.299	7.361	VV	48678	578709	9.83%	0.417%
153	7.387	7.361	7.452	VV	21014	329131	5.59%	0.237%
154	7.478	7.452	7.502	VV	2297	54245	0.92%	0.039%
155	7.523	7.502	7.626	VV	29473	399977	6.79%	0.288%
156	7.631	7.626	7.647	VV	847	10009	0.17%	0.007%
157	7.651	7.647	7.660	VV	828	6550	0.11%	0.005%
158	7.693	7.660	7.719	VV	1935	39755	0.68%	0.029%
159	7.754	7.719	7.810	VV	1675	43047	0.73%	0.031%
160	7.822	7.810	7.845	VV	495	8116	0.14%	0.006%
161	7.867	7.845	7.892	VV	684	12150	0.21%	0.009%
162	7.896	7.892	7.903	VV	324	1816	0.03%	0.001%
163	7.925	7.903	7.942	VV	485	7272	0.12%	0.005%
164	7.947	7.942	7.969	VV	240	2792	0.05%	0.002%
165	7.984	7.969	8.019	VV	459	6975	0.12%	0.005%
166	8.036	8.019	8.052	PV	238	3066	0.05%	0.002%
167	8.061	8.052	8.072	VV	229	1913	0.03%	0.001%
168	8.078	8.072	8.086	VV	97	481	0.01%	0.000%
169	8.128	8.086	8.195	VV	4132	87427	1.48%	0.063%
170	8.200	8.195	8.247	VV	1022	19108	0.32%	0.014%
171	8.286	8.247	8.315	VV	3873	86478	1.47%	0.062%
172	8.324	8.315	8.340	VV	1620	20729	0.35%	0.015%
173	8.356	8.340	8.364	VV	1914	22381	0.38%	0.016%
174	8.395	8.364	8.449	VV	9087	224572	3.81%	0.162%
175	8.454	8.449	8.473	VV	1438	19519	0.33%	0.014%
176	8.500	8.473	8.516	VV	22962	268628	4.56%	0.193%
177	8.528	8.516	8.548	VV	12617	155735	2.64%	0.112%
178	8.567	8.548	8.628	VV	6101	147383	2.50%	0.106%
179	8.654	8.628	8.661	VV	8552	95430	1.62%	0.069%
180	8.686	8.661	8.757	VV	26974	545558	9.26%	0.393%
181	8.777	8.757	8.810	VV	9415	129656	2.20%	0.093%
182	8.823	8.810	8.887	VV	1609	40380	0.69%	0.029%
183	8.939	8.887	8.954	VV	1381	32919	0.56%	0.024%
184	8.983	8.954	9.015	VV	38227	457942	7.78%	0.330%
185	9.031	9.015	9.079	VV	6744	118891	2.02%	0.086%
186	9.103	9.079	9.132	VV	3741	75003	1.27%	0.054%
187	9.146	9.132	9.157	VV	1629	21473	0.36%	0.015%
188	9.181	9.157	9.200	VV	2217	44537	0.76%	0.032%
189	9.224	9.200	9.241	VV	8367	112882	1.92%	0.081%
190	9.260	9.241	9.286	VV	19909	258881	4.40%	0.186%
191	9.296	9.286	9.330	VV	4036	85502	1.45%	0.062%
192	9.348	9.330	9.374	VV	3936	70835	1.20%	0.051%
193	9.395	9.374	9.415	VV	9386	117477	1.99%	0.085%
194	9.436	9.415	9.480	VV	9985	156630	2.66%	0.113%

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195	9.498	9.480	9.527	VV	2413	43450	0.74%	0.031%
196	9.551	9.527	9.569	VV	11690	137944	2.34%	0.099%
197	9.584	9.569	9.613	VV	7365	93023	1.58%	0.067%
198	9.638	9.613	9.653	VV	4606	65430	1.11%	0.047%
199	9.667	9.653	9.673	VV	4655	42340	0.72%	0.030%
200	9.688	9.673	9.710	VV	9328	123980	2.11%	0.089%
201	9.730	9.710	9.749	VV	5582	80949	1.37%	0.058%
202	9.772	9.749	9.829	VV	54355	741762	12.60%	0.534%
203	9.850	9.829	9.880	VV	10019	171226	2.91%	0.123%
204	9.893	9.880	9.903	VV	5833	65372	1.11%	0.047%
205	9.921	9.903	9.940	VV	13716	193999	3.29%	0.140%
206	9.949	9.940	9.964	VV	6207	72378	1.23%	0.052%
207	9.982	9.964	10.017	VV	8420	138909	2.36%	0.100%
208	10.050	10.017	10.076	VV	78568	954856	16.21%	0.688%
209	10.093	10.076	10.131	VV	15080	270052	4.59%	0.194%
210	10.145	10.131	10.160	VV	4127	57933	0.98%	0.042%
211	10.196	10.160	10.215	VV	11164	217961	3.70%	0.157%
212	10.220	10.215	10.243	VV	4888	62829	1.07%	0.045%
213	10.257	10.243	10.274	VV	3479	50816	0.86%	0.037%
214	10.288	10.274	10.332	VV	2616	59828	1.02%	0.043%
215	10.353	10.332	10.423	VV	2871	66894	1.14%	0.048%
216	10.466	10.423	10.496	PV	1345	35487	0.60%	0.026%
217	10.521	10.496	10.550	VV	13699	187097	3.18%	0.135%
218	10.566	10.550	10.585	VV	2557	37751	0.64%	0.027%
219	10.624	10.585	10.634	VV	6136	95262	1.62%	0.069%
220	10.655	10.634	10.678	VV	19527	283066	4.81%	0.204%
221	10.696	10.678	10.735	VV	13489	199289	3.38%	0.143%
222	10.772	10.735	10.813	VV	14444	275689	4.68%	0.199%
223	10.833	10.813	10.859	VV	6983	127889	2.17%	0.092%
224	10.867	10.859	10.882	VV	3629	42062	0.71%	0.030%
225	10.912	10.882	10.924	VV	5701	94400	1.60%	0.068%
226	10.941	10.924	10.957	VV	10906	142811	2.43%	0.103%
227	10.981	10.957	11.017	VV	19514	331565	5.63%	0.239%
228	11.050	11.017	11.058	VV	3167	58264	0.99%	0.042%
229	11.074	11.058	11.094	VV	5410	73108	1.24%	0.053%
230	11.112	11.094	11.126	VV	2146	32155	0.55%	0.023%
231	11.145	11.126	11.152	VV	4117	42283	0.72%	0.030%
232	11.179	11.152	11.227	VV	301021	3319411	56.37%	2.390%
233	11.253	11.227	11.322	VV	94423	1208873	20.53%	0.870%
234	11.339	11.322	11.380	VV	2219	53910	0.92%	0.039%
235	11.391	11.380	11.412	VV	1153	12539	0.21%	0.009%
236	11.431	11.412	11.448	PV	571	8412	0.14%	0.006%
237	11.474	11.448	11.508	VV	15362	245674	4.17%	0.177%
238	11.524	11.508	11.531	VV	4415	44226	0.75%	0.032%
239	11.538	11.531	11.555	VV	4273	48054	0.82%	0.035%
240	11.574	11.555	11.593	VV	5558	89702	1.52%	0.065%
241	11.614	11.593	11.631	VV	5496	92489	1.57%	0.067%
242	11.667	11.631	11.678	VV	4647	106308	1.81%	0.077%
243	11.704	11.678	11.739	VV	17355	289669	4.92%	0.209%
244	11.773	11.739	11.794	VV	7277	107577	1.83%	0.077%
245	11.831	11.794	11.851	VV	9091	157051	2.67%	0.113%
246	11.870	11.851	11.897	VV	4462	80315	1.36%	0.058%

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247	11.905	11.897	11.922	VV	1443	15227	0.26%	0.011%
248	11.935	11.922	11.950	VV	1467	16214	0.28%	0.012%
249	11.980	11.950	11.995	VV	48335	557688	9.47%	0.402%
250	12.011	11.995	12.051	VV	57435	688956	11.70%	0.496%
251	12.095	12.051	12.113	VV	65293	999069	16.97%	0.719%
252	12.128	12.113	12.143	VV	34306	411877	6.99%	0.297%
253	12.159	12.143	12.198	VV	49492	616731	10.47%	0.444%
254	12.244	12.198	12.255	PV	1938	39253	0.67%	0.028%
255	12.283	12.255	12.301	VV	4422	82563	1.40%	0.059%
256	12.314	12.301	12.329	VV	2357	28175	0.48%	0.020%
257	12.351	12.329	12.367	VV	9293	127105	2.16%	0.092%
258	12.378	12.367	12.425	VV	7043	123975	2.11%	0.089%
259	12.449	12.425	12.471	VV	24094	299990	5.09%	0.216%
260	12.479	12.471	12.495	VV	5233	60793	1.03%	0.044%
261	12.537	12.495	12.572	VV	48696	643968	10.94%	0.464%
262	12.595	12.572	12.614	VV	5317	76984	1.31%	0.055%
263	12.629	12.614	12.643	VV	3262	38477	0.65%	0.028%
264	12.660	12.643	12.669	VV	3945	45510	0.77%	0.033%
265	12.700	12.669	12.711	VV	6444	109654	1.86%	0.079%
266	12.724	12.711	12.749	VV	7511	105979	1.80%	0.076%
267	12.771	12.749	12.810	VV	15851	280820	4.77%	0.202%
268	12.841	12.810	12.860	PV	16923	250219	4.25%	0.180%
269	12.881	12.860	12.900	VV	43978	575933	9.78%	0.415%
270	12.919	12.900	12.935	VV	22408	356201	6.05%	0.256%
271	12.945	12.935	12.964	VV	16473	210073	3.57%	0.151%
272	13.003	12.964	13.050	VV	504587	5888906	100.00%	4.240%
273	13.067	13.050	13.080	VV	3115	36923	0.63%	0.027%
274	13.095	13.080	13.112	VV	3843	53878	0.91%	0.039%
275	13.137	13.112	13.147	VV	15375	206591	3.51%	0.149%
276	13.150	13.147	13.167	VV	13919	131075	2.23%	0.094%
277	13.185	13.167	13.201	VV	20550	259769	4.41%	0.187%
278	13.213	13.201	13.228	VV	10993	151623	2.57%	0.109%
279	13.241	13.228	13.269	VV	8299	143793	2.44%	0.104%
280	13.301	13.269	13.332	VV	448034	4976439	84.51%	3.583%
281	13.353	13.332	13.368	VV	40844	476376	8.09%	0.343%
282	13.384	13.368	13.418	VV	40478	587853	9.98%	0.423%
283	13.424	13.418	13.444	VV	3311	44560	0.76%	0.032%
284	13.469	13.444	13.487	VV	13453	185143	3.14%	0.133%
285	13.503	13.487	13.521	VV	7685	100138	1.70%	0.072%
286	13.537	13.521	13.546	VV	4657	48472	0.82%	0.035%
287	13.566	13.546	13.605	VV	21165	345493	5.87%	0.249%
288	13.626	13.605	13.669	VV	11807	231576	3.93%	0.167%
289	13.693	13.669	13.707	VV	14691	191339	3.25%	0.138%
290	13.714	13.707	13.732	VV	9926	122896	2.09%	0.088%
291	13.756	13.732	13.782	VV	32427	526441	8.94%	0.379%
292	13.789	13.782	13.827	VV	5007	74948	1.27%	0.054%
293	13.886	13.827	13.929	VV	86670	1402048	23.81%	1.010%
294	13.950	13.929	13.967	VV	7746	111584	1.89%	0.080%
295	13.993	13.967	14.014	VV	59129	751738	12.77%	0.541%
296	14.033	14.014	14.055	VV	42121	543539	9.23%	0.391%
297	14.071	14.055	14.094	VV	14064	214167	3.64%	0.154%
298	14.121	14.094	14.135	VV	16947	287039	4.87%	0.207%
299	14.162	14.135	14.184	VV	40787	641538	10.89%	0.462%

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300	14.203	14.184	14.247	VV	36230	506646	8.60%	0.365%
301	14.283	14.247	14.300	VV	5917	125297	2.13%	0.090%
302	14.324	14.300	14.342	VV	3982	75311	1.28%	0.054%
303	14.358	14.342	14.377	VV	4171	64098	1.09%	0.046%
304	14.391	14.377	14.404	VV	2866	37363	0.63%	0.027%
305	14.409	14.404	14.428	VV	1980	17740	0.30%	0.013%
306	14.470	14.428	14.510	PV	4228	96470	1.64%	0.069%
307	14.520	14.510	14.532	VV	1646	17672	0.30%	0.013%
308	14.590	14.532	14.607	VV	18689	457432	7.77%	0.329%
309	14.625	14.607	14.657	VV	20735	344192	5.84%	0.248%
310	14.686	14.657	14.707	VV	16522	314159	5.33%	0.226%
311	14.722	14.707	14.772	VV	15861	331925	5.64%	0.239%
312	14.800	14.772	14.820	VV	34425	507794	8.62%	0.366%
313	14.826	14.820	14.838	VV	12670	124344	2.11%	0.090%
314	14.863	14.838	14.886	VV	64063	953127	16.19%	0.686%
315	14.907	14.886	14.917	VV	17587	263021	4.47%	0.189%
316	14.930	14.917	14.962	VV	23482	324752	5.51%	0.234%
317	14.984	14.962	14.992	VV	7598	92965	1.58%	0.067%
318	15.021	14.992	15.097	VV	104517	1712119	29.07%	1.233%
319	15.132	15.097	15.147	PV	14815	182971	3.11%	0.132%
320	15.178	15.147	15.198	VV	226965	2965035	50.35%	2.135%
321	15.219	15.198	15.249	VV	226964	2777354	47.16%	2.000%
322	15.267	15.249	15.291	VV	7206	125995	2.14%	0.091%
323	15.339	15.291	15.392	VV	66698	1184407	20.11%	0.853%
324	15.422	15.392	15.453	VV	14215	271901	4.62%	0.196%
325	15.482	15.453	15.502	VV	21648	326125	5.54%	0.235%
326	15.521	15.502	15.594	VV	17491	512205	8.70%	0.369%
327	15.629	15.594	15.704	VV	36191	1165908	19.80%	0.839%
328	15.742	15.704	15.779	VV	13297	335166	5.69%	0.241%
329	15.804	15.779	15.825	VV	13179	245758	4.17%	0.177%
330	15.848	15.825	15.869	VV	57361	769767	13.07%	0.554%
331	15.886	15.869	15.917	VV	24770	398916	6.77%	0.287%
332	15.934	15.917	15.965	VV	18604	326234	5.54%	0.235%
333	16.010	15.965	16.048	VV	37502	1045481	17.75%	0.753%
334	16.083	16.048	16.109	VV	15300	288210	4.89%	0.208%
335	16.127	16.109	16.146	VV	5277	76038	1.29%	0.055%
336	16.169	16.146	16.192	VV	11228	157828	2.68%	0.114%
337	16.243	16.192	16.264	VV	13682	334434	5.68%	0.241%
338	16.282	16.264	16.328	VV	9686	205158	3.48%	0.148%
339	16.349	16.328	16.367	VV	3640	48690	0.83%	0.035%
340	16.378	16.367	16.399	VV	2568	27700	0.47%	0.020%
341	16.445	16.399	16.466	PV	8518	154918	2.63%	0.112%
342	16.482	16.466	16.502	VV	9333	124460	2.11%	0.090%
343	16.525	16.502	16.540	VV	14483	213476	3.63%	0.154%
344	16.548	16.540	16.571	VV	10366	138990	2.36%	0.100%
345	16.595	16.571	16.605	VV	6383	106554	1.81%	0.077%
346	16.617	16.605	16.622	VV	6453	64974	1.10%	0.047%
347	16.648	16.622	16.672	VV	29990	577982	9.81%	0.416%
348	16.677	16.672	16.700	VV	16014	215235	3.65%	0.155%
349	16.741	16.700	16.758	VV	252218	3736757	63.45%	2.691%
350	16.767	16.758	16.795	VV	108278	1249371	21.22%	0.900%
351	16.808	16.795	16.840	VV	7434	149615	2.54%	0.108%

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352	16.868	16.840	16.890	VV	56529	751462	12.76%	0.541%
353	16.902	16.890	16.919	VV	10079	136924	2.33%	0.099%
354	16.922	16.919	16.949	VV	5651	71536	1.21%	0.052%
355	16.963	16.949	16.970	VV	3389	37396	0.64%	0.027%
356	16.989	16.970	17.001	VV	10699	137365	2.33%	0.099%
357	17.027	17.001	17.037	VV	34069	477239	8.10%	0.344%
358	17.061	17.037	17.089	VV	156463	2140064	36.34%	1.541%
359	17.122	17.089	17.162	VV	214342	2909195	49.40%	2.095%
360	17.191	17.162	17.197	VV	14597	206255	3.50%	0.149%
361	17.219	17.197	17.248	VV	69263	989824	16.81%	0.713%
362	17.268	17.248	17.302	VV	23037	378888	6.43%	0.273%
363	17.359	17.302	17.403	VV	17270	608089	10.33%	0.438%
364	17.422	17.403	17.440	VV	8659	142541	2.42%	0.103%
365	17.479	17.440	17.555	VV	29344	1059070	17.98%	0.763%
366	17.640	17.555	17.671	VV	37400	1232030	20.92%	0.887%
367	17.704	17.671	17.719	VV	14493	273383	4.64%	0.197%
368	17.729	17.719	17.748	VV	12564	166376	2.83%	0.120%
369	17.776	17.748	17.800	VV	28057	482328	8.19%	0.347%
370	17.816	17.800	17.856	VV	11427	234840	3.99%	0.169%
371	17.894	17.856	17.942	VV	8814	274358	4.66%	0.198%
372	17.961	17.942	17.974	VV	4249	54037	0.92%	0.039%
373	17.989	17.974	18.010	VV	4423	78591	1.33%	0.057%
374	18.015	18.010	18.017	VV	3748	14570	0.25%	0.010%
375	18.080	18.017	18.097	VV	21095	563917	9.58%	0.406%
376	18.108	18.097	18.135	VV	12877	201975	3.43%	0.145%
377	18.170	18.135	18.189	VV	16979	349894	5.94%	0.252%
378	18.205	18.189	18.222	VV	16582	288426	4.90%	0.208%
379	18.236	18.222	18.245	VV	14727	187988	3.19%	0.135%
380	18.266	18.245	18.310	VV	20840	615668	10.45%	0.443%
381	18.317	18.310	18.342	VV	11738	197535	3.35%	0.142%
382	18.352	18.342	18.371	VV	9124	136201	2.31%	0.098%
383	18.398	18.371	18.444	VV	49792	1011421	17.18%	0.728%
384	18.495	18.444	18.556	VV	176840	3712402	63.04%	2.673%
385	18.573	18.556	18.590	VV	23504	379734	6.45%	0.273%
386	18.622	18.590	18.639	VV	45547	842816	14.31%	0.607%
387	18.654	18.639	18.718	VV	38511	1041665	17.69%	0.750%
388	18.751	18.718	18.778	VV	150048	2125086	36.09%	1.530%
389	18.790	18.778	18.798	VV	11745	136085	2.31%	0.098%
390	18.830	18.798	18.850	VV	22707	506204	8.60%	0.364%
391	18.881	18.850	18.957	VV	64039	1570572	26.67%	1.131%
392	18.978	18.957	18.990	VV	13407	221613	3.76%	0.160%
393	19.014	18.990	19.040	VV	23710	513657	8.72%	0.370%
394	19.069	19.040	19.121	VV	19486	741211	12.59%	0.534%
395	19.130	19.121	19.144	VV	12507	163679	2.78%	0.118%
396	19.179	19.144	19.212	VV	24904	720446	12.23%	0.519%
397	19.227	19.212	19.241	VV	16870	277098	4.71%	0.200%
398	19.261	19.241	19.274	VV	26326	438303	7.44%	0.316%
399	19.309	19.274	19.344	VV	51051	1573897	26.73%	1.133%
400	19.352	19.344	19.390	VV	30240	618629	10.50%	0.445%
401	19.446	19.390	19.485	VV	36625	1428772	24.26%	1.029%
402	19.506	19.485	19.512	VV	16294	245709	4.17%	0.177%
403	19.516	19.512	19.548	VV	15706	301153	5.11%	0.217%
404	19.591	19.548	19.652	VV	24565	1178276	20.01%	0.848%

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405	19.697	19.652	19.716	VV	18445	598448	10.16%	0.431%
406	19.733	19.716	19.748	VV	19814	334568	5.68%	0.241%
407	19.767	19.748	19.789	VV	25526	507478	8.62%	0.365%
408	19.806	19.789	19.815	VV	20266	307319	5.22%	0.221%
409	19.832	19.815	19.837	VV	23898	281725	4.78%	0.203%
410	19.841	19.837	19.852	VV	24107	208281	3.54%	0.150%
411	19.857	19.852	19.872	VV	23276	264515	4.49%	0.190%
412	19.906	19.872	19.942	VV	65059	1644689	27.93%	1.184%
413	19.975	19.942	20.009	VV	73303	1801451	30.59%	1.297%
414	20.061	20.009	20.095	VV	52830	1935651	32.87%	1.394%
415	20.102	20.095	20.145	VV	30864	768549	13.05%	0.553%
416	20.191	20.145	20.212	VV	30913	949337	16.12%	0.684%
417	20.218	20.212	20.224	VV	20115	136948	2.33%	0.099%
418	20.288	20.224	20.326	VV	94355	2637865	44.79%	1.899%
419	20.355	20.326	20.373	VV	50879	1129997	19.19%	0.814%
420	20.385	20.373	20.409	VV	40011	733602	12.46%	0.528%
421	20.433	20.409	20.464	VV	43621	1100657	18.69%	0.793%
422	20.465	20.464	20.469	VV	26372	84713	1.44%	0.061%
423	20.485	20.469	20.490	VV	27227	327197	5.56%	0.236%
424	20.515	20.490	20.533	VV	30244	733122	12.45%	0.528%
425	20.544	20.533	20.562	VV	29058	490411	8.33%	0.353%
426	20.568	20.562	20.581	VV	28648	314120	5.33%	0.226%
427	20.601	20.581	20.622	VV	38965	825896	14.02%	0.595%
428	20.629	20.622	20.639	VV	28624	282985	4.81%	0.204%
429	20.646	20.639	20.650	VV	27596	183354	3.11%	0.132%
430	20.654	20.650	20.680	VV	27859	446602	7.58%	0.322%
431	20.694	20.680	20.725	VV	26774	693655	11.78%	0.499%
432	20.755	20.725	20.768	VV	27759	673740	11.44%	0.485%
433	20.788	20.768	20.824	VV	29454	899011	15.27%	0.647%
434	20.850	20.824	20.882	VV	26881	865109	14.69%	0.623%
435	20.899	20.882	20.910	VV	24147	395605	6.72%	0.285%
436	20.915	20.910	20.920	VV	23710	143673	2.44%	0.103%
437	20.944	20.920	20.972	VV	27613	794169	13.49%	0.572%
438	20.978	20.972	20.994	VV	23967	306444	5.20%	0.221%
439	21.000	20.994	21.025	VV	23515	418568	7.11%	0.301%
440	21.035	21.025	21.059	VV	23141	439525	7.46%	0.316%
441	21.064	21.059	21.077	VV	20417	219448	3.73%	0.158%
442	21.095	21.077	21.114	VV	21144	445475	7.56%	0.321%
443	21.116	21.114	21.132	VV	20117	213292	3.62%	0.154%
444	21.164	21.132	21.220	VV	23156	1015644	17.25%	0.731%
445	21.223	21.220	21.235	VV	16249	140423	2.38%	0.101%
446	21.253	21.235	21.256	VV	14998	184342	3.13%	0.133%
447	21.319	21.256	21.371	VV	21132	1213125	20.60%	0.873%
448	21.403	21.371	21.445	VV	17213	644893	10.95%	0.464%
449	21.453	21.445	21.457	VV	11663	84504	1.43%	0.061%
450	21.515	21.457	21.552	VV	16078	766355	13.01%	0.552%
451	21.603	21.552	21.636	VV	20891	762339	12.95%	0.549%
452	21.702	21.636	21.757	VV	25027	1250209	21.23%	0.900%
453	21.773	21.757	21.802	VV	11991	280686	4.77%	0.202%
454	21.807	21.802	21.818	VV	7725	68649	1.17%	0.049%
455	21.822	21.818	21.844	VV	7247	94606	1.61%	0.068%
456	21.866	21.844	21.883	VV	7254	145804	2.48%	0.105%

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457	21.917	21.883	21.975	VV	7764	252979	4.30%	0.182%	
458	22.010	21.975	22.048	VV	11657	284973	4.84%	0.205%	
459	22.088	22.048	22.123	VV	13727	347730	5.90%	0.250%	
460	22.147	22.123	22.176	VV	3581	73461	1.25%	0.053%	

Sum of corrected areas: 138882962

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