

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022324\
 Data File : FG013539.D
 Signal(s) : FID1A.ch
 Acq On : 23 Feb 2024 14:19
 Sample : P1530-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG020124.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.930	1.906	1.961	BV	92540	979144	5.09%	0.225%
2	1.969	1.961	2.017	VV	48790	536511	2.79%	0.123%
3	2.055	2.017	2.099	VV	212700	2812343	14.62%	0.646%
4	2.109	2.099	2.142	VV	2423	42996	0.22%	0.010%
5	2.155	2.142	2.198	VV	1748	19571	0.10%	0.004%
6	2.242	2.198	2.316	PV	14299	248512	1.29%	0.057%
7	2.341	2.316	2.372	PV	5831	75528	0.39%	0.017%
8	2.384	2.372	2.452	VV	8957	143499	0.75%	0.033%
9	2.485	2.452	2.514	VV	4811	79653	0.41%	0.018%
10	2.524	2.514	2.561	VV	2762	49918	0.26%	0.011%
11	2.575	2.561	2.592	VV	1023	16462	0.09%	0.004%
12	2.602	2.592	2.617	VV	932	11781	0.06%	0.003%
13	2.629	2.617	2.663	VV	1274	17900	0.09%	0.004%
14	2.668	2.663	2.687	VV	241	2095	0.01%	0.000%
15	2.709	2.687	2.715	PV	1635	12901	0.07%	0.003%
16	2.739	2.715	2.786	VV	2981	65795	0.34%	0.015%
17	2.791	2.786	2.800	VV	192	1452	0.01%	0.000%
18	2.822	2.800	2.829	VV	625	7410	0.04%	0.002%
19	2.833	2.829	2.838	VV	549	2816	0.01%	0.001%
20	2.858	2.838	2.889	VV	15317	173275	0.90%	0.040%
21	2.904	2.889	2.912	VV	1829	20843	0.11%	0.005%
22	2.929	2.912	2.953	VV	4642	61955	0.32%	0.014%
23	2.968	2.953	2.994	VV	1589	23844	0.12%	0.005%
24	3.018	2.994	3.045	VV	1670	22816	0.12%	0.005%
25	3.080	3.045	3.120	VV	1569	31380	0.16%	0.007%
26	3.135	3.120	3.154	VV	233	2305	0.01%	0.001%
27	3.180	3.154	3.206	PV	1325	18878	0.10%	0.004%
28	3.221	3.206	3.249	VV	5957	73279	0.38%	0.017%
29	3.265	3.249	3.303	VV	1588	31922	0.17%	0.007%
30	3.326	3.303	3.340	VV	1522	22547	0.12%	0.005%
31	3.374	3.340	3.415	VV	11701	153426	0.80%	0.035%
32	3.439	3.415	3.456	VV	347	6291	0.03%	0.001%
33	3.489	3.456	3.502	VV	1788	25285	0.13%	0.006%
34	3.520	3.502	3.543	VV	4992	73020	0.38%	0.017%
35	3.548	3.543	3.567	VV	1611	18589	0.10%	0.004%
36	3.570	3.567	3.587	VV	1060	10993	0.06%	0.003%

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37	3.605	3.587	3.623	VV	1719	23121	0.12%	0.005%
38	3.643	3.623	3.657	VV	1801	24007	0.12%	0.006%
39	3.669	3.657	3.690	VV	2029	28216	0.15%	0.006%
40	3.698	3.690	3.710	VV	965	9086	0.05%	0.002%
41	3.719	3.710	3.726	VV	679	5629	0.03%	0.001%
42	3.741	3.726	3.761	VV	5527	58879	0.31%	0.014%
43	3.775	3.761	3.786	VV	1626	19482	0.10%	0.004%
44	3.805	3.786	3.845	VV	2771	51940	0.27%	0.012%
45	3.872	3.845	3.889	VV	6920	83414	0.43%	0.019%
46	3.897	3.889	3.903	VV	2139	17202	0.09%	0.004%
47	3.928	3.903	3.945	VV	6900	100100	0.52%	0.023%
48	3.958	3.945	3.974	VV	3315	40370	0.21%	0.009%
49	3.983	3.974	3.998	VV	1575	15917	0.08%	0.004%
50	4.026	3.998	4.052	VV	2664	35576	0.18%	0.008%
51	4.059	4.052	4.065	VV	76	502	0.00%	0.000%
52	4.103	4.065	4.136	VV	9845	161288	0.84%	0.037%
53	4.155	4.136	4.167	VV	2807	37354	0.19%	0.009%
54	4.171	4.167	4.197	VV	2103	22584	0.12%	0.005%
55	4.219	4.197	4.249	VV	829	17720	0.09%	0.004%
56	4.269	4.249	4.293	PV	22853	242874	1.26%	0.056%
57	4.303	4.293	4.336	VV	3678	63971	0.33%	0.015%
58	4.347	4.336	4.362	VV	2073	25270	0.13%	0.006%
59	4.369	4.362	4.388	VV	1275	14212	0.07%	0.003%
60	4.408	4.388	4.417	VV	1632	19117	0.10%	0.004%
61	4.431	4.417	4.453	VV	6634	76511	0.40%	0.018%
62	4.459	4.453	4.492	VV	1531	23803	0.12%	0.005%
63	4.496	4.492	4.508	VV	357	2674	0.01%	0.001%
64	4.528	4.508	4.548	VV	1014	14567	0.08%	0.003%
65	4.582	4.548	4.610	VV	319130	3334856	17.34%	0.766%
66	4.620	4.610	4.636	VV	1527	16598	0.09%	0.004%
67	4.658	4.636	4.674	VV	3386	43440	0.23%	0.010%
68	4.691	4.674	4.721	VV	7688	105180	0.55%	0.024%
69	4.751	4.721	4.790	VV	12771	182342	0.95%	0.042%
70	4.810	4.790	4.848	VV	7982	114617	0.60%	0.026%
71	4.864	4.848	4.882	VV	2674	37234	0.19%	0.009%
72	4.892	4.882	4.909	VV	1187	16190	0.08%	0.004%
73	4.944	4.909	4.971	VV	3800	68845	0.36%	0.016%
74	5.003	4.971	5.024	VV	4559	63986	0.33%	0.015%
75	5.042	5.024	5.057	VV	1607	22187	0.12%	0.005%
76	5.088	5.057	5.123	VV	2066	55247	0.29%	0.013%
77	5.128	5.123	5.149	VV	922	13176	0.07%	0.003%
78	5.163	5.149	5.171	VV	1088	11820	0.06%	0.003%
79	5.195	5.171	5.215	VV	2661	47289	0.25%	0.011%
80	5.235	5.215	5.250	VV	2299	31263	0.16%	0.007%
81	5.265	5.250	5.281	VV	1714	25135	0.13%	0.006%
82	5.290	5.281	5.314	VV	1224	17696	0.09%	0.004%
83	5.337	5.314	5.349	VV	1812	26240	0.14%	0.006%
84	5.365	5.349	5.381	VV	4166	48225	0.25%	0.011%
85	5.392	5.381	5.410	VV	1466	21690	0.11%	0.005%
86	5.425	5.410	5.434	VV	1863	20789	0.11%	0.005%
87	5.444	5.434	5.461	VV	1877	20704	0.11%	0.005%
88	5.484	5.461	5.508	VV	3916	51195	0.27%	0.012%
89	5.524	5.508	5.539	VV	3378	37027	0.19%	0.009%

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90	5.555	5.539	5.568	VV	3673	41937	0.22%	0.010%
91	5.583	5.568	5.612	VV	6038	69153	0.36%	0.016%
92	5.635	5.612	5.644	VV	469	5771	0.03%	0.001%
93	5.656	5.644	5.676	VV	642	7586	0.04%	0.002%
94	5.719	5.676	5.737	PV	3042	41175	0.21%	0.009%
95	5.749	5.737	5.765	VV	1526	20088	0.10%	0.005%
96	5.784	5.765	5.799	VV	2067	28373	0.15%	0.007%
97	5.808	5.799	5.826	VV	1185	14843	0.08%	0.003%
98	5.838	5.826	5.858	VV	942	10394	0.05%	0.002%
99	5.902	5.858	5.920	VV	1771	36919	0.19%	0.008%
100	5.927	5.920	5.943	VV	1309	12485	0.06%	0.003%
101	5.964	5.943	5.972	VV	1283	14854	0.08%	0.003%
102	5.988	5.972	6.002	VV	2869	35376	0.18%	0.008%
103	6.012	6.002	6.019	VV	1805	16523	0.09%	0.004%
104	6.030	6.019	6.044	VV	2252	27847	0.14%	0.006%
105	6.054	6.044	6.075	VV	1618	21825	0.11%	0.005%
106	6.091	6.075	6.118	VV	1787	30059	0.16%	0.007%
107	6.132	6.118	6.139	VV	1097	11594	0.06%	0.003%
108	6.176	6.139	6.208	VV	5974	104818	0.55%	0.024%
109	6.232	6.208	6.241	VV	2527	34995	0.18%	0.008%
110	6.258	6.241	6.269	VV	4358	56605	0.29%	0.013%
111	6.288	6.269	6.320	VV	74501	760359	3.95%	0.175%
112	6.336	6.320	6.367	VV	3925	51940	0.27%	0.012%
113	6.418	6.367	6.450	VV	5549	90351	0.47%	0.021%
114	6.472	6.450	6.505	VV	2017	40294	0.21%	0.009%
115	6.522	6.505	6.529	VV	1717	18435	0.10%	0.004%
116	6.537	6.529	6.557	VV	1612	22480	0.12%	0.005%
117	6.588	6.557	6.614	VV	2789	59760	0.31%	0.014%
118	6.634	6.614	6.684	VV	6941	103546	0.54%	0.024%
119	6.709	6.684	6.724	VV	7570	79382	0.41%	0.018%
120	6.752	6.724	6.795	VV	345877	3644749	18.95%	0.838%
121	6.810	6.795	6.831	VV	5020	58304	0.30%	0.013%
122	6.843	6.831	6.857	VV	1939	23812	0.12%	0.005%
123	6.887	6.857	6.928	VV	7169	118681	0.62%	0.027%
124	6.943	6.928	6.962	VV	2246	26047	0.14%	0.006%
125	6.979	6.962	7.001	VV	5741	55013	0.29%	0.013%
126	7.055	7.001	7.097	PV	5884	116227	0.60%	0.027%
127	7.114	7.097	7.123	VV	1118	15546	0.08%	0.004%
128	7.137	7.123	7.147	VV	1390	16548	0.09%	0.004%
129	7.177	7.147	7.199	VV	2288	41708	0.22%	0.010%
130	7.231	7.199	7.243	VV	6112	77061	0.40%	0.018%
131	7.247	7.243	7.275	VV	4433	61234	0.32%	0.014%
132	7.289	7.275	7.308	VV	2786	42497	0.22%	0.010%
133	7.324	7.308	7.355	VV	3186	44901	0.23%	0.010%
134	7.385	7.355	7.404	VV	32713	366537	1.91%	0.084%
135	7.413	7.404	7.458	VV	6933	146261	0.76%	0.034%
136	7.475	7.458	7.502	VV	3178	49301	0.26%	0.011%
137	7.524	7.502	7.552	VV	23240	234862	1.22%	0.054%
138	7.568	7.552	7.582	VV	1190	14377	0.07%	0.003%
139	7.597	7.582	7.609	VV	1049	14396	0.07%	0.003%
140	7.623	7.609	7.656	VV	998	19771	0.10%	0.005%
141	7.698	7.656	7.716	VV	4816	85121	0.44%	0.020%

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142	7.735	7.716	7.803	VV	5164	88027	0.46%	0.020%
143	7.833	7.803	7.850	VV	797	13690	0.07%	0.003%
144	7.876	7.850	7.902	VV	1406	23709	0.12%	0.005%
145	7.918	7.902	7.935	VV	1043	10503	0.05%	0.002%
146	7.947	7.935	7.960	VV	514	5239	0.03%	0.001%
147	7.989	7.960	8.014	VV	908	15796	0.08%	0.004%
148	8.046	8.014	8.064	PV	1081	20076	0.10%	0.005%
149	8.073	8.064	8.089	VV	349	4053	0.02%	0.001%
150	8.127	8.089	8.150	VV	10181	128355	0.67%	0.029%
151	8.159	8.150	8.170	VV	1017	9939	0.05%	0.002%
152	8.184	8.170	8.213	VV	987	14596	0.08%	0.003%
153	8.229	8.213	8.249	VV	1062	10714	0.06%	0.002%
154	8.284	8.249	8.317	PV	7472	109111	0.57%	0.025%
155	8.336	8.317	8.365	VV	2558	46493	0.24%	0.011%
156	8.384	8.365	8.389	VV	7270	64269	0.33%	0.015%
157	8.399	8.389	8.436	VV	8914	105244	0.55%	0.024%
158	8.456	8.436	8.482	VV	2053	34086	0.18%	0.008%
159	8.504	8.482	8.520	VV	15868	173126	0.90%	0.040%
160	8.533	8.520	8.544	VV	9058	96946	0.50%	0.022%
161	8.554	8.544	8.558	VV	7358	58738	0.31%	0.013%
162	8.585	8.558	8.612	VV	327821	3488040	18.14%	0.802%
163	8.625	8.612	8.641	VV	1971	25146	0.13%	0.006%
164	8.691	8.641	8.734	VV	59567	812051	4.22%	0.187%
165	8.743	8.734	8.764	VV	3116	41348	0.22%	0.010%
166	8.782	8.764	8.798	VV	4306	47002	0.24%	0.011%
167	8.813	8.798	8.821	VV	1649	16540	0.09%	0.004%
168	8.832	8.821	8.849	VV	1814	19507	0.10%	0.004%
169	8.854	8.849	8.862	VV	395	2399	0.01%	0.001%
170	8.874	8.862	8.907	VV	564	9095	0.05%	0.002%
171	8.940	8.907	8.963	PV	5505	63099	0.33%	0.015%
172	8.990	8.963	9.017	VV	121146	1193790	6.21%	0.274%
173	9.037	9.017	9.079	VV	8161	117891	0.61%	0.027%
174	9.108	9.079	9.116	VV	3890	46709	0.24%	0.011%
175	9.128	9.116	9.142	VV	4841	55466	0.29%	0.013%
176	9.154	9.142	9.171	VV	3152	36410	0.19%	0.008%
177	9.179	9.171	9.194	VV	1300	15863	0.08%	0.004%
178	9.233	9.194	9.246	VV	8737	135804	0.71%	0.031%
179	9.264	9.246	9.291	VV	54518	547213	2.85%	0.126%
180	9.306	9.291	9.320	VV	1726	21122	0.11%	0.005%
181	9.358	9.320	9.377	VV	2504	44697	0.23%	0.010%
182	9.407	9.377	9.428	VV	7225	103146	0.54%	0.024%
183	9.444	9.428	9.488	VV	6680	90385	0.47%	0.021%
184	9.501	9.488	9.518	VV	858	8202	0.04%	0.002%
185	9.560	9.518	9.577	PV	6462	83931	0.44%	0.019%
186	9.592	9.577	9.611	VV	5738	57574	0.30%	0.013%
187	9.644	9.611	9.664	VV	3878	52713	0.27%	0.012%
188	9.698	9.664	9.717	VV	5616	76601	0.40%	0.018%
189	9.737	9.717	9.755	VV	7845	86470	0.45%	0.020%
190	9.781	9.755	9.837	VV	117145	1268922	6.60%	0.292%
191	9.862	9.837	9.877	VV	9183	109587	0.57%	0.025%
192	9.882	9.877	9.889	VV	3777	27119	0.14%	0.006%
193	9.903	9.889	9.913	VV	6364	67729	0.35%	0.016%
194	9.933	9.913	9.952	VV	20755	281043	1.46%	0.065%

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195	9.962	9.952	9.974	VV	5244	55824	0.29%	0.013%
196	9.994	9.974	10.018	VV	13236	177591	0.92%	0.041%
197	10.042	10.018	10.078	VV	6023	102164	0.53%	0.023%
198	10.104	10.078	10.128	VV	19654	249257	1.30%	0.057%
199	10.141	10.128	10.167	VV	3354	69818	0.36%	0.016%
200	10.198	10.167	10.250	VV	334858	3940083	20.49%	0.906%
201	10.271	10.250	10.293	VV	5502	90823	0.47%	0.021%
202	10.303	10.293	10.332	VV	3020	41053	0.21%	0.009%
203	10.371	10.332	10.398	VV	2643	50955	0.26%	0.012%
204	10.409	10.398	10.430	VV	810	9892	0.05%	0.002%
205	10.444	10.430	10.448	PV	110	550	0.00%	0.000%
206	10.472	10.448	10.485	PV	1627	18819	0.10%	0.004%
207	10.495	10.485	10.512	VV	882	9251	0.05%	0.002%
208	10.531	10.512	10.544	VV	3141	35676	0.19%	0.008%
209	10.557	10.544	10.569	VV	2659	29038	0.15%	0.007%
210	10.585	10.569	10.610	VV	3603	57298	0.30%	0.013%
211	10.643	10.610	10.650	VV	7464	106778	0.56%	0.025%
212	10.668	10.650	10.691	VV	22902	285442	1.48%	0.066%
213	10.708	10.691	10.732	VV	11562	141120	0.73%	0.032%
214	10.736	10.732	10.752	VV	2135	18279	0.10%	0.004%
215	10.759	10.752	10.763	VV	1005	6349	0.03%	0.001%
216	10.787	10.763	10.819	VV	14710	247407	1.29%	0.057%
217	10.838	10.819	10.882	VV	28424	389972	2.03%	0.090%
218	10.895	10.882	10.904	VV	2398	29707	0.15%	0.007%
219	10.959	10.904	10.970	VV	15987	294213	1.53%	0.068%
220	10.993	10.970	11.036	VV	45972	749168	3.90%	0.172%
221	11.063	11.036	11.077	VV	6220	105147	0.55%	0.024%
222	11.094	11.077	11.111	VV	10170	131394	0.68%	0.030%
223	11.138	11.111	11.146	VV	5514	95770	0.50%	0.022%
224	11.161	11.146	11.168	VV	10350	102753	0.53%	0.024%
225	11.202	11.168	11.240	VV	863458	10130987	52.68%	2.328%
226	11.270	11.240	11.289	VV	298333	3174993	16.51%	0.730%
227	11.295	11.289	11.331	VV	24037	277216	1.44%	0.064%
228	11.344	11.331	11.355	VV	4199	46858	0.24%	0.011%
229	11.367	11.355	11.388	VV	4129	62513	0.33%	0.014%
230	11.403	11.388	11.416	VV	3490	44848	0.23%	0.010%
231	11.436	11.416	11.456	VV	16621	196581	1.02%	0.045%
232	11.481	11.456	11.523	VV	109531	1227918	6.39%	0.282%
233	11.555	11.523	11.569	PV	4238	75671	0.39%	0.017%
234	11.594	11.569	11.615	VV	9776	209044	1.09%	0.048%
235	11.647	11.615	11.676	VV	320131	3836229	19.95%	0.882%
236	11.731	11.676	11.766	VV	22955	671748	3.49%	0.154%
237	11.795	11.766	11.818	VV	14728	230799	1.20%	0.053%
238	11.847	11.818	11.867	VV	12989	198247	1.03%	0.046%
239	11.901	11.867	11.934	VV	9735	264906	1.38%	0.061%
240	11.951	11.934	11.967	VV	7517	108070	0.56%	0.025%
241	12.000	11.967	12.015	VV	80129	960173	4.99%	0.221%
242	12.032	12.015	12.055	VV	114627	1274979	6.63%	0.293%
243	12.063	12.055	12.072	VV	3636	34000	0.18%	0.008%
244	12.116	12.072	12.135	VV	153058	2292261	11.92%	0.527%
245	12.148	12.135	12.162	VV	52789	593596	3.09%	0.136%
246	12.179	12.162	12.206	VV	72220	922234	4.80%	0.212%

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247	12.224	12.206	12.235	VV	9006	105297	0.55%	0.024%
248	12.258	12.235	12.283	VV	17455	302420	1.57%	0.070%
249	12.321	12.283	12.336	VV	13623	264986	1.38%	0.061%
250	12.359	12.336	12.381	VV	64722	792738	4.12%	0.182%
251	12.414	12.381	12.447	VV	18054	445831	2.32%	0.102%
252	12.472	12.447	12.495	VV	77227	925500	4.81%	0.213%
253	12.506	12.495	12.527	VV	9420	151965	0.79%	0.035%
254	12.534	12.527	12.545	VV	6729	65193	0.34%	0.015%
255	12.578	12.545	12.604	VV	157433	2145823	11.16%	0.493%
256	12.620	12.604	12.635	VV	13572	196697	1.02%	0.045%
257	12.646	12.635	12.672	VV	11641	177487	0.92%	0.041%
258	12.679	12.672	12.691	VV	4038	46188	0.24%	0.011%
259	12.722	12.691	12.735	VV	16835	266457	1.39%	0.061%
260	12.747	12.735	12.766	VV	15019	191214	0.99%	0.044%
261	12.794	12.766	12.805	VV	26775	347865	1.81%	0.080%
262	12.810	12.805	12.832	VV	20003	200918	1.04%	0.046%
263	12.859	12.832	12.886	VV	44252	706616	3.67%	0.162%
264	12.908	12.886	12.928	VV	49600	720475	3.75%	0.166%
265	12.965	12.928	12.995	VV	312659	4266852	22.19%	0.981%
266	13.043	12.995	13.066	VV	1340410	19230848	100.00%	4.420%
267	13.087	13.066	13.107	VV	19978	252806	1.31%	0.058%
268	13.160	13.107	13.174	VV	31654	505039	2.63%	0.116%
269	13.210	13.174	13.227	VV	53227	1069257	5.56%	0.246%
270	13.242	13.227	13.285	VV	31220	701626	3.65%	0.161%
271	13.291	13.285	13.296	VV	9143	58326	0.30%	0.013%
272	13.341	13.296	13.360	VV	1121130	15534853	80.78%	3.570%
273	13.382	13.360	13.397	VV	166673	1839017	9.56%	0.423%
274	13.412	13.397	13.445	VV	156743	1906496	9.91%	0.438%
275	13.465	13.445	13.476	VV	7395	94812	0.49%	0.022%
276	13.497	13.476	13.509	VV	46428	541098	2.81%	0.124%
277	13.526	13.509	13.551	VV	76668	980970	5.10%	0.225%
278	13.590	13.551	13.615	VV	90144	1153479	6.00%	0.265%
279	13.665	13.615	13.688	VV	42756	862972	4.49%	0.198%
280	13.720	13.688	13.744	VV	54429	748716	3.89%	0.172%
281	13.750	13.744	13.757	VV	9439	72742	0.38%	0.017%
282	13.785	13.757	13.800	VV	86443	1383179	7.19%	0.318%
283	13.805	13.800	13.854	VV	62252	714165	3.71%	0.164%
284	13.917	13.854	13.954	VV	258921	4100317	21.32%	0.942%
285	13.983	13.954	13.997	VV	24004	351299	1.83%	0.081%
286	14.025	13.997	14.046	VV	184032	2496688	12.98%	0.574%
287	14.064	14.046	14.084	VV	101147	1202088	6.25%	0.276%
288	14.104	14.084	14.125	VV	39788	590144	3.07%	0.136%
289	14.168	14.125	14.187	VV	314603	4682042	24.35%	1.076%
290	14.193	14.187	14.214	VV	87025	882459	4.59%	0.203%
291	14.233	14.214	14.273	VV	77187	1074383	5.59%	0.247%
292	14.306	14.273	14.327	VV	31166	557897	2.90%	0.128%
293	14.346	14.327	14.364	VV	16391	294760	1.53%	0.068%
294	14.379	14.364	14.386	VV	13034	155589	0.81%	0.036%
295	14.396	14.386	14.407	VV	13871	164279	0.85%	0.038%
296	14.420	14.407	14.457	VV	15770	353458	1.84%	0.081%
297	14.473	14.457	14.489	VV	10376	150520	0.78%	0.035%
298	14.498	14.489	14.537	VV	7935	126147	0.66%	0.029%
299	14.557	14.537	14.571	VV	6078	70819	0.37%	0.016%

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300	14.615	14.571	14.636	VV	41950	1001864	5.21%	0.230%
301	14.655	14.636	14.689	VV	88806	1264013	6.57%	0.291%
302	14.729	14.689	14.744	VV	32939	690911	3.59%	0.159%
303	14.756	14.744	14.801	VV	30856	615905	3.20%	0.142%
304	14.833	14.801	14.872	VV	123054	2204866	11.47%	0.507%
305	14.898	14.872	14.921	VV	205826	2839685	14.77%	0.653%
306	14.960	14.921	14.996	VV	116754	2343772	12.19%	0.539%
307	15.021	14.996	15.035	VV	24231	381329	1.98%	0.088%
308	15.072	15.035	15.137	VV	168262	3136272	16.31%	0.721%
309	15.167	15.137	15.184	VV	56051	868498	4.52%	0.200%
310	15.222	15.184	15.242	VV	641489	10419227	54.18%	2.395%
311	15.271	15.242	15.335	VV	945904	13527768	70.34%	3.109%
312	15.379	15.335	15.424	VV	206364	3493235	18.16%	0.803%
313	15.452	15.424	15.487	VV	77768	1276602	6.64%	0.293%
314	15.514	15.487	15.537	VV	84780	1354797	7.04%	0.311%
315	15.553	15.537	15.570	VV	66091	990875	5.15%	0.228%
316	15.576	15.570	15.582	VV	36968	262469	1.36%	0.060%
317	15.588	15.582	15.613	VV	37236	499277	2.60%	0.115%
318	15.655	15.613	15.683	VV	85276	1620935	8.43%	0.373%
319	15.698	15.683	15.733	VV	29935	562644	2.93%	0.129%
320	15.752	15.733	15.765	VV	16498	254643	1.32%	0.059%
321	15.795	15.765	15.815	VV	29310	656496	3.41%	0.151%
322	15.845	15.815	15.860	VV	44381	885280	4.60%	0.203%
323	15.889	15.860	15.909	VV	140056	2195629	11.42%	0.505%
324	15.925	15.909	15.951	VV	72362	1128474	5.87%	0.259%
325	15.972	15.951	15.991	VV	53282	858453	4.46%	0.197%
326	16.047	15.991	16.085	VV	114339	3294626	17.13%	0.757%
327	16.125	16.085	16.159	VV	61739	1333068	6.93%	0.306%
328	16.163	16.159	16.187	VV	16505	240000	1.25%	0.055%
329	16.208	16.187	16.229	VV	44315	676501	3.52%	0.155%
330	16.251	16.229	16.271	VV	48166	789950	4.11%	0.182%
331	16.303	16.271	16.346	VV	292059	4440485	23.09%	1.021%
332	16.362	16.346	16.372	VV	15554	219135	1.14%	0.050%
333	16.385	16.372	16.406	VV	17261	304641	1.58%	0.070%
334	16.418	16.406	16.437	VV	14399	217519	1.13%	0.050%
335	16.450	16.437	16.464	VV	12901	182020	0.95%	0.042%
336	16.486	16.464	16.499	VV	32242	513696	2.67%	0.118%
337	16.507	16.499	16.541	VV	29850	621020	3.23%	0.143%
338	16.566	16.541	16.587	VV	49618	899469	4.68%	0.207%
339	16.608	16.587	16.649	VV	31381	1008803	5.25%	0.232%
340	16.693	16.649	16.715	VV	52786	1499367	7.80%	0.345%
341	16.725	16.715	16.746	VV	42822	633564	3.29%	0.146%
342	16.799	16.746	16.814	VV	655271	13060311	67.91%	3.002%
343	16.822	16.814	16.846	VV	404603	3897301	20.27%	0.896%
344	16.869	16.846	16.889	VV	47757	890210	4.63%	0.205%
345	16.916	16.889	16.936	VV	167888	2439577	12.69%	0.561%
346	16.948	16.936	16.969	VV	50770	800760	4.16%	0.184%
347	16.975	16.969	16.996	VV	31941	505076	2.63%	0.116%
348	17.004	16.996	17.012	VV	30306	273892	1.42%	0.063%
349	17.033	17.012	17.052	VV	52053	951946	4.95%	0.219%
350	17.117	17.052	17.141	VV	440101	9879007	51.37%	2.270%
351	17.180	17.141	17.209	VV	583172	9187823	47.78%	2.112%

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352	17.261	17.209	17.291	VV	352436	7111085	36.98%	1.634%
353	17.311	17.291	17.342	VV	73037	1617442	8.41%	0.372%
354	17.378	17.342	17.382	VV	52800	943578	4.91%	0.217%
355	17.411	17.382	17.451	VV	68403	2220001	11.54%	0.510%
356	17.467	17.451	17.487	VV	41762	772600	4.02%	0.178%
357	17.529	17.487	17.562	VV	105552	3191054	16.59%	0.733%
358	17.570	17.562	17.600	VV	67006	1119584	5.82%	0.257%
359	17.625	17.600	17.639	VV	47229	884076	4.60%	0.203%
360	17.667	17.639	17.678	VV	69105	1295258	6.74%	0.298%
361	17.692	17.678	17.726	VV	72297	1542869	8.02%	0.355%
362	17.750	17.726	17.766	VV	53913	1033378	5.37%	0.237%
363	17.776	17.766	17.800	VV	40571	731964	3.81%	0.168%
364	17.825	17.800	17.855	VV	85152	1777865	9.24%	0.409%
365	17.862	17.855	17.905	VV	40433	955139	4.97%	0.220%
366	17.941	17.905	17.987	VV	39780	1512581	7.87%	0.348%
367	18.005	17.987	18.021	VV	28436	516476	2.69%	0.119%
368	18.038	18.021	18.052	VV	26343	457057	2.38%	0.105%
369	18.149	18.052	18.181	VV	278238	6883934	35.80%	1.582%
370	18.237	18.181	18.250	VV	52241	1790699	9.31%	0.412%
371	18.261	18.250	18.281	VV	57681	947881	4.93%	0.218%
372	18.312	18.281	18.359	VV	75072	2798122	14.55%	0.643%
373	18.379	18.359	18.384	VV	43610	606811	3.16%	0.139%
374	18.403	18.384	18.420	VV	45100	885129	4.60%	0.203%
375	18.450	18.420	18.489	VV	137417	3347893	17.41%	0.769%
376	18.506	18.489	18.514	VV	61460	864869	4.50%	0.199%
377	18.554	18.514	18.612	VV	400591	9927592	51.62%	2.282%
378	18.625	18.612	18.648	VV	76511	1341113	6.97%	0.308%
379	18.676	18.648	18.693	VV	136675	2500541	13.00%	0.575%
380	18.709	18.693	18.770	VV	121841	3441870	17.90%	0.791%
381	18.813	18.770	18.832	VV	371460	6550390	34.06%	1.505%
382	18.839	18.832	18.846	VV	46211	370254	1.93%	0.085%
383	18.884	18.846	18.901	VV	78563	1971517	10.25%	0.453%
384	18.933	18.901	18.948	VV	167094	3064395	15.93%	0.704%
385	18.982	18.948	19.011	VV	279541	6054602	31.48%	1.392%
386	19.026	19.011	19.045	VV	58675	1044209	5.43%	0.240%
387	19.056	19.045	19.067	VV	44420	574076	2.99%	0.132%
388	19.102	19.067	19.127	VV	63646	1892374	9.84%	0.435%
389	19.137	19.127	19.164	VV	51665	1062611	5.53%	0.244%
390	19.200	19.164	19.205	VV	51869	1217382	6.33%	0.280%
391	19.230	19.205	19.251	VV	68691	1559948	8.11%	0.359%
392	19.266	19.251	19.289	VV	52923	1086771	5.65%	0.250%
393	19.313	19.289	19.322	VV	66896	1141422	5.94%	0.262%
394	19.339	19.322	19.359	VV	77842	1495463	7.78%	0.344%
395	19.364	19.359	19.423	VV	61158	2156604	11.21%	0.496%
396	19.428	19.423	19.435	VV	44264	302958	1.58%	0.070%
397	19.468	19.435	19.507	VV	120631	3096938	16.10%	0.712%
398	19.512	19.507	19.539	VV	50483	838406	4.36%	0.193%
399	19.548	19.539	19.562	VV	39451	515381	2.68%	0.118%
400	19.595	19.562	19.600	VV	47006	955195	4.97%	0.220%
401	19.601	19.600	19.625	VV	46437	620024	3.22%	0.142%
402	19.631	19.625	19.636	VV	39243	237960	1.24%	0.055%
403	19.653	19.636	19.666	VV	43594	732336	3.81%	0.168%
404	19.670	19.666	19.681	VV	38124	352321	1.83%	0.081%

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405	19.685	19.681	19.706	VV	36890	511605	2.66%	0.118%
406	19.771	19.706	19.803	VV	262824	5721448	29.75%	1.315%
407	19.812	19.803	19.826	VV	55792	741328	3.85%	0.170%
408	19.835	19.826	19.859	VV	51737	916085	4.76%	0.211%
409	19.894	19.859	19.924	VV	69489	2137311	11.11%	0.491%
410	19.964	19.924	19.993	VV	175986	4362537	22.69%	1.003%
411	20.031	19.993	20.061	VV	180317	4493559	23.37%	1.033%
412	20.087	20.061	20.103	VV	86876	1911508	9.94%	0.439%
413	20.120	20.103	20.143	VV	97980	1994279	10.37%	0.458%
414	20.150	20.143	20.192	VV	66913	1619732	8.42%	0.372%
415	20.243	20.192	20.275	VV	73155	2597893	13.51%	0.597%
416	20.345	20.275	20.375	VV	234485	6692259	34.80%	1.538%
417	20.413	20.375	20.462	VV	122462	4468766	23.24%	1.027%
418	20.512	20.462	20.551	VV	265846	6240170	32.45%	1.434%
419	20.565	20.551	20.573	VV	49273	651168	3.39%	0.150%
420	20.579	20.573	20.584	VV	48154	293862	1.53%	0.068%
421	20.612	20.584	20.640	VV	58714	1716192	8.92%	0.394%
422	20.664	20.640	20.668	VV	52778	819447	4.26%	0.188%
423	20.679	20.668	20.732	VV	59004	1909170	9.93%	0.439%
424	20.767	20.732	20.789	VV	44907	1419671	7.38%	0.326%
425	20.822	20.789	20.842	VV	46381	1346674	7.00%	0.310%
426	20.849	20.842	20.854	VV	40310	274689	1.43%	0.063%
427	20.864	20.854	20.868	VV	41658	362177	1.88%	0.083%
428	20.875	20.868	20.956	VV	42747	1793034	9.32%	0.412%
429	21.000	20.956	21.023	VV	35413	1260614	6.56%	0.290%
430	21.041	21.023	21.069	VV	35095	870319	4.53%	0.200%
431	21.094	21.069	21.114	VV	30274	763711	3.97%	0.176%
432	21.144	21.114	21.157	VV	29222	709150	3.69%	0.163%
433	21.164	21.157	21.176	VV	29216	324907	1.69%	0.075%
434	21.178	21.176	21.215	VV	29551	630911	3.28%	0.145%
435	21.269	21.215	21.316	VV	180055	4211451	21.90%	0.968%
436	21.369	21.316	21.431	VV	38195	1862966	9.69%	0.428%
437	21.466	21.431	21.502	VV	26070	805799	4.19%	0.185%
438	21.541	21.502	21.546	VV	19329	412830	2.15%	0.095%
439	21.577	21.546	21.612	VV	29374	891460	4.64%	0.205%
440	21.665	21.612	21.700	VV	32278	1256511	6.53%	0.289%
441	21.770	21.700	21.822	VV	68444	3204944	16.67%	0.737%
442	21.829	21.822	21.879	VV	26715	585414	3.04%	0.135%
443	21.885	21.879	21.903	VV	8516	95841	0.50%	0.022%
444	21.939	21.903	21.956	VV	14105	321504	1.67%	0.074%
445	21.980	21.956	22.029	VV	20959	449363	2.34%	0.103%
446	22.080	22.029	22.122	PV	43554	1019080	5.30%	0.234%
447	22.168	22.122	22.181	PV	42991	865903	4.50%	0.199%
448	22.216	22.181	22.251	VV	125691	2930986	15.24%	0.674%
449	22.263	22.251	22.287	VV	9710	145077	0.75%	0.033%
					Sum of corrected areas:	435111591		

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