

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
 Data File : FG016279.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2025 16:42
 Sample : Q2473-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.020	2.000	2.035	BV	77	507	0.01%	0.000%
2	2.044	2.035	2.050	PV	91	437	0.01%	0.000%
3	2.059	2.050	2.064	VV	149	809	0.01%	0.000%
4	2.068	2.064	2.089	VV	162	940	0.01%	0.000%
5	2.092	2.089	2.096	PV	82	174	0.00%	0.000%
6	2.101	2.096	2.107	PV	147	435	0.01%	0.000%
7	2.111	2.107	2.115	VV	148	553	0.01%	0.000%
8	2.117	2.115	2.120	VV	186	378	0.01%	0.000%
9	2.125	2.120	2.151	VV	303	2761	0.04%	0.001%
10	2.156	2.151	2.170	VV	134	1085	0.02%	0.000%
11	2.188	2.170	2.205	VV	129	1551	0.02%	0.001%
12	2.208	2.205	2.214	VV	110	426	0.01%	0.000%
13	2.221	2.214	2.232	VV	101	737	0.01%	0.000%
14	2.237	2.232	2.255	PV	124	781	0.01%	0.000%
15	2.260	2.255	2.269	PV	66	366	0.01%	0.000%
16	2.283	2.269	2.295	VV	153	1716	0.03%	0.001%
17	2.308	2.295	2.386	VV	8229	92730	1.45%	0.032%
18	2.408	2.386	2.447	PV	670	9475	0.15%	0.003%
19	2.460	2.447	2.516	VV	615	10013	0.16%	0.003%
20	2.518	2.516	2.524	VV	92	180	0.00%	0.000%
21	2.545	2.524	2.550	PV	145	992	0.02%	0.000%
22	2.553	2.550	2.558	VV	96	441	0.01%	0.000%
23	2.572	2.558	2.577	VV	139	1183	0.02%	0.000%
24	2.586	2.577	2.596	VV	178	1640	0.03%	0.001%
25	2.600	2.596	2.605	VV	197	829	0.01%	0.000%
26	2.609	2.605	2.644	VV	198	2688	0.04%	0.001%
27	2.651	2.644	2.657	VV	153	722	0.01%	0.000%
28	2.662	2.657	2.680	VV	183	1347	0.02%	0.000%
29	2.709	2.680	2.731	VV	642	8614	0.13%	0.003%
30	2.735	2.731	2.764	VV	253	3523	0.06%	0.001%
31	2.781	2.764	2.797	VV	163	1887	0.03%	0.001%
32	2.822	2.797	2.877	PV	954	17940	0.28%	0.006%
33	2.904	2.877	2.926	VV	296	5640	0.09%	0.002%
34	2.936	2.926	2.972	VV	390	6752	0.11%	0.002%
35	2.979	2.972	2.986	VV	155	1120	0.02%	0.000%
36	2.989	2.986	2.994	VV	2220	2636	0.04%	0.001%

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37	3.047	2.994	3.089	VV	3016	55426	0.87%	0.0019%
38	3.100	3.089	3.122	VV	751	9520	0.15%	0.003%
39	3.137	3.122	3.170	VV	543	10084	0.16%	0.003%
40	3.175	3.170	3.190	VV	216	2332	0.04%	0.001%
41	3.193	3.190	3.201	VV	164	1031	0.02%	0.000%
42	3.206	3.201	3.215	VV	227	1187	0.02%	0.000%
43	3.219	3.215	3.230	VV	208	1056	0.02%	0.000%
44	3.253	3.230	3.285	VV	412	8152	0.13%	0.003%
45	3.304	3.285	3.340	VV	935	14119	0.22%	0.005%
46	3.344	3.340	3.357	VV	204	1726	0.03%	0.001%
47	3.359	3.357	3.364	VV	184	557	0.01%	0.000%
48	3.367	3.364	3.372	VV	195	724	0.01%	0.000%
49	3.407	3.372	3.411	VV	442	5839	0.09%	0.002%
50	3.421	3.411	3.452	VV	832	13164	0.21%	0.005%
51	3.458	3.452	3.480	VV	434	5671	0.09%	0.002%
52	3.483	3.480	3.487	VV	370	1561	0.02%	0.001%
53	3.501	3.487	3.522	VV	450	7575	0.12%	0.003%
54	3.539	3.522	3.559	VV	483	9170	0.14%	0.003%
55	3.563	3.559	3.570	VV	437	2487	0.04%	0.001%
56	3.579	3.570	3.589	VV	394	4291	0.07%	0.001%
57	3.632	3.589	3.682	VV	573	20338	0.32%	0.007%
58	3.688	3.682	3.694	VV	127	947	0.01%	0.000%
59	3.698	3.694	3.712	VV	206	1766	0.03%	0.001%
60	3.755	3.712	3.807	VV	522	17489	0.27%	0.006%
61	3.814	3.807	3.827	VV	177	1811	0.03%	0.001%
62	3.858	3.827	3.881	VV	389	7387	0.12%	0.003%
63	3.906	3.881	3.929	VV	267	4885	0.08%	0.002%
64	3.933	3.929	3.942	VV	115	734	0.01%	0.000%
65	3.944	3.942	3.957	VV	178	904	0.01%	0.000%
66	4.002	3.957	4.015	VV	622	8423	0.13%	0.003%
67	4.027	4.015	4.048	VV	317	4468	0.07%	0.002%
68	4.063	4.048	4.083	VV	144	1811	0.03%	0.001%
69	4.102	4.083	4.161	PV	392	7345	0.11%	0.003%
70	4.202	4.161	4.251	PV	1322	23809	0.37%	0.008%
71	4.266	4.251	4.288	VV	750	10720	0.17%	0.004%
72	4.297	4.288	4.317	VV	434	5855	0.09%	0.002%
73	4.321	4.317	4.354	VV	370	4427	0.07%	0.002%
74	4.376	4.354	4.406	VV	2031	40032	0.63%	0.014%
75	4.417	4.406	4.430	VV	1299	15514	0.24%	0.005%
76	4.435	4.430	4.465	VV	937	12084	0.19%	0.004%
77	4.470	4.465	4.482	VV	333	3052	0.05%	0.001%
78	4.486	4.482	4.492	VV	303	1540	0.02%	0.001%
79	4.506	4.492	4.527	VV	388	5351	0.08%	0.002%
80	4.533	4.527	4.548	VV	143	1458	0.02%	0.000%
81	4.552	4.548	4.566	VV	128	1512	0.02%	0.001%
82	4.570	4.566	4.584	VV	181	1704	0.03%	0.001%
83	4.589	4.584	4.593	VV	189	976	0.02%	0.000%
84	4.598	4.593	4.610	VV	221	1831	0.03%	0.001%
85	4.627	4.610	4.654	VV	392	5982	0.09%	0.002%
86	4.675	4.654	4.700	VV	766	11038	0.17%	0.004%
87	4.714	4.700	4.732	VV	497	6220	0.10%	0.002%
88	4.750	4.732	4.773	VV	352	4941	0.08%	0.002%
89	4.799	4.773	4.821	VV	503	8715	0.14%	0.003%

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90	4.838	4.821	4.882	VV	1147	18363	0.29%	0.006%
91	4.907	4.882	4.948	VV	2098	32491	0.51%	0.011%
92	4.963	4.948	4.980	VV	377	4957	0.08%	0.002%
93	4.991	4.980	5.007	VV	289	3403	0.05%	0.001%
94	5.040	5.007	5.067	VV	786	15050	0.24%	0.005%
95	5.081	5.067	5.111	VV	371	7903	0.12%	0.003%
96	5.146	5.111	5.159	VV	490	10346	0.16%	0.004%
97	5.175	5.159	5.209	VV	685	16609	0.26%	0.006%
98	5.233	5.209	5.271	VV	662	16976	0.27%	0.006%
99	5.299	5.271	5.319	VV	478	10365	0.16%	0.004%
100	5.330	5.319	5.362	VV	509	7062	0.11%	0.002%
101	5.388	5.362	5.410	VV	403	7646	0.12%	0.003%
102	5.421	5.410	5.427	VV	355	2647	0.04%	0.001%
103	5.436	5.427	5.452	VV	403	4351	0.07%	0.001%
104	5.483	5.452	5.490	VV	638	9853	0.15%	0.003%
105	5.493	5.490	5.515	VV	583	6160	0.10%	0.002%
106	5.525	5.515	5.548	VV	394	4324	0.07%	0.001%
107	5.564	5.548	5.576	VV	436	4987	0.08%	0.002%
108	5.582	5.576	5.602	VV	300	3397	0.05%	0.001%
109	5.621	5.602	5.648	VV	1697	19381	0.30%	0.007%
110	5.664	5.648	5.685	VV	315	4732	0.07%	0.002%
111	5.697	5.685	5.716	VV	299	3403	0.05%	0.001%
112	5.755	5.716	5.799	VV	4549	50849	0.79%	0.017%
113	5.819	5.799	5.833	VV	728	8980	0.14%	0.003%
114	5.848	5.833	5.880	VV	1840	23036	0.36%	0.008%
115	5.892	5.880	5.902	VV	785	4833	0.08%	0.002%
116	5.917	5.902	5.953	VV	941	11860	0.19%	0.004%
117	5.957	5.953	5.971	VV	109	853	0.01%	0.000%
118	6.014	5.971	6.032	PV	467	7668	0.12%	0.003%
119	6.045	6.032	6.056	VV	332	3806	0.06%	0.001%
120	6.060	6.056	6.073	VV	347	3188	0.05%	0.001%
121	6.091	6.073	6.108	VV	694	10591	0.17%	0.004%
122	6.114	6.108	6.122	VV	517	3931	0.06%	0.001%
123	6.135	6.122	6.151	VV	796	10134	0.16%	0.003%
124	6.163	6.151	6.202	VV	595	12167	0.19%	0.004%
125	6.246	6.202	6.270	VV	623	15774	0.25%	0.005%
126	6.286	6.270	6.319	VV	520	11320	0.18%	0.004%
127	6.330	6.319	6.336	VV	384	3439	0.05%	0.001%
128	6.354	6.336	6.373	VV	937	14222	0.22%	0.005%
129	6.397	6.373	6.436	VV	13635	154152	2.41%	0.053%
130	6.448	6.436	6.454	VV	587	5591	0.09%	0.002%
131	6.463	6.454	6.490	VV	668	8210	0.13%	0.003%
132	6.508	6.490	6.523	VV	335	3965	0.06%	0.001%
133	6.546	6.523	6.557	PV	489	5452	0.09%	0.002%
134	6.566	6.557	6.579	VV	492	5152	0.08%	0.002%
135	6.583	6.579	6.606	VV	468	4508	0.07%	0.002%
136	6.626	6.606	6.640	VV	433	5625	0.09%	0.002%
137	6.652	6.640	6.668	VV	474	5776	0.09%	0.002%
138	6.692	6.668	6.727	VV	1085	18011	0.28%	0.006%
139	6.744	6.727	6.757	VV	391	4550	0.07%	0.002%
140	6.774	6.757	6.790	VV	1014	12906	0.20%	0.004%
141	6.805	6.790	6.828	VV	2161	26210	0.41%	0.009%

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142	6.858	6.828	6.879	VV	1829	27697	0.43%	0.009%
143	6.892	6.879	6.911	VV	922	10715	0.17%	0.004%
144	6.928	6.911	6.967	VV	1710	20612	0.32%	0.007%
145	6.982	6.967	6.999	VV	259	4252	0.07%	0.001%
146	7.012	6.999	7.039	VV	449	5532	0.09%	0.002%
147	7.051	7.039	7.077	VV	393	5818	0.09%	0.002%
148	7.095	7.077	7.100	PV	126	1230	0.02%	0.000%
149	7.144	7.100	7.160	VV	387	7122	0.11%	0.002%
150	7.182	7.160	7.239	VV	522	10321	0.16%	0.004%
151	7.270	7.239	7.289	VV	676	8660	0.14%	0.003%
152	7.311	7.289	7.329	VV	1577	17250	0.27%	0.006%
153	7.349	7.329	7.354	VV	899	8265	0.13%	0.003%
154	7.365	7.354	7.385	VV	986	16346	0.26%	0.006%
155	7.388	7.385	7.394	VV	835	4476	0.07%	0.002%
156	7.398	7.394	7.418	VV	877	10374	0.16%	0.004%
157	7.434	7.418	7.468	VV	1322	20886	0.33%	0.007%
158	7.499	7.468	7.518	VV	8493	92377	1.44%	0.032%
159	7.525	7.518	7.566	VV	1279	20030	0.31%	0.007%
160	7.587	7.566	7.614	VV	748	11832	0.18%	0.004%
161	7.639	7.614	7.665	VV	8218	86379	1.35%	0.030%
162	7.677	7.665	7.696	VV	788	9690	0.15%	0.003%
163	7.710	7.696	7.722	VV	490	6615	0.10%	0.002%
164	7.732	7.722	7.749	VV	551	6498	0.10%	0.002%
165	7.763	7.749	7.774	VV	440	5128	0.08%	0.002%
166	7.810	7.774	7.851	VV	1511	32659	0.51%	0.011%
167	7.876	7.851	7.880	VV	558	7854	0.12%	0.003%
168	7.887	7.880	7.923	VV	625	10065	0.16%	0.003%
169	7.939	7.923	7.959	VV	510	7363	0.12%	0.003%
170	7.968	7.959	7.973	VV	343	2260	0.04%	0.001%
171	7.992	7.973	8.017	VV	966	16868	0.26%	0.006%
172	8.021	8.017	8.038	VV	519	5616	0.09%	0.002%
173	8.045	8.038	8.071	VV	493	4373	0.07%	0.001%
174	8.100	8.071	8.125	PV	917	14954	0.23%	0.005%
175	8.146	8.125	8.168	VV	370	6835	0.11%	0.002%
176	8.177	8.168	8.181	VV	279	1930	0.03%	0.001%
177	8.208	8.181	8.225	VV	5722	63876	1.00%	0.022%
178	8.243	8.225	8.260	VV	3421	45195	0.71%	0.015%
179	8.270	8.260	8.287	VV	1394	17425	0.27%	0.006%
180	8.299	8.287	8.328	VV	712	12009	0.19%	0.004%
181	8.341	8.328	8.363	VV	551	7564	0.12%	0.003%
182	8.404	8.363	8.420	VV	2125	34073	0.53%	0.012%
183	8.434	8.420	8.444	VV	1226	15764	0.25%	0.005%
184	8.452	8.444	8.484	VV	1051	19043	0.30%	0.007%
185	8.504	8.484	8.511	VV	3552	36923	0.58%	0.013%
186	8.518	8.511	8.555	VV	3514	38727	0.61%	0.013%
187	8.586	8.555	8.598	VV	1262	21126	0.33%	0.007%
188	8.625	8.598	8.640	VV	8652	101427	1.59%	0.035%
189	8.653	8.640	8.671	VV	5296	62108	0.97%	0.021%
190	8.696	8.671	8.725	VV	2738	61097	0.95%	0.021%
191	8.738	8.725	8.749	VV	1308	16108	0.25%	0.006%
192	8.754	8.749	8.764	VV	1051	8032	0.13%	0.003%
193	8.789	8.764	8.793	VV	3245	42029	0.66%	0.014%
194	8.812	8.793	8.849	VV	10476	146516	2.29%	0.050%

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195	8.867	8.849	8.884	VV	1607	23528	0.37%	0.008%
196	8.903	8.884	8.919	VV	2230	27729	0.43%	0.010%
197	8.927	8.919	8.940	VV	861	8913	0.14%	0.003%
198	8.948	8.940	8.968	VV	703	8281	0.13%	0.003%
199	8.977	8.968	9.008	VV	324	3973	0.06%	0.001%
200	9.047	9.008	9.053	PV	2086	20871	0.33%	0.007%
201	9.059	9.053	9.076	VV	2118	22285	0.35%	0.008%
202	9.113	9.076	9.135	VV	22549	247683	3.87%	0.085%
203	9.157	9.135	9.199	VV	3780	73851	1.15%	0.025%
204	9.233	9.199	9.266	VV	2204	53702	0.84%	0.018%
205	9.277	9.266	9.291	VV	715	7850	0.12%	0.003%
206	9.308	9.291	9.319	VV	953	10354	0.16%	0.004%
207	9.357	9.319	9.372	VV	4378	68148	1.07%	0.023%
208	9.388	9.372	9.411	VV	13721	142481	2.23%	0.049%
209	9.429	9.411	9.461	VV	1926	37518	0.59%	0.013%
210	9.480	9.461	9.495	VV	1413	19132	0.30%	0.007%
211	9.529	9.495	9.550	VV	5252	66676	1.04%	0.023%
212	9.568	9.550	9.617	VV	4359	55774	0.87%	0.019%
213	9.632	9.617	9.659	VV	493	5646	0.09%	0.002%
214	9.687	9.659	9.703	PV	3979	45815	0.72%	0.016%
215	9.717	9.703	9.737	VV	3279	32685	0.51%	0.011%
216	9.741	9.737	9.751	VV	319	1797	0.03%	0.001%
217	9.771	9.751	9.787	VV	1436	16018	0.25%	0.005%
218	9.824	9.787	9.846	VV	3762	56437	0.88%	0.019%
219	9.864	9.846	9.883	VV	2319	29508	0.46%	0.010%
220	9.908	9.883	9.961	VV	26105	298357	4.66%	0.102%
221	9.989	9.961	10.018	VV	4209	69806	1.09%	0.024%
222	10.031	10.018	10.041	VV	2567	26054	0.41%	0.009%
223	10.060	10.041	10.079	VV	6642	89225	1.39%	0.031%
224	10.089	10.079	10.103	VV	2294	25179	0.39%	0.009%
225	10.122	10.103	10.142	VV	4378	59533	0.93%	0.020%
226	10.152	10.142	10.161	VV	1319	13783	0.22%	0.005%
227	10.187	10.161	10.212	VV	71987	740656	11.57%	0.254%
228	10.234	10.212	10.281	VV	6653	118898	1.86%	0.041%
229	10.287	10.281	10.301	VV	1658	16767	0.26%	0.006%
230	10.334	10.301	10.378	VV	8164	173614	2.71%	0.059%
231	10.397	10.378	10.415	VV	1925	25511	0.40%	0.009%
232	10.428	10.415	10.455	VV	1483	20617	0.32%	0.007%
233	10.500	10.455	10.525	PV	1481	29572	0.46%	0.010%
234	10.541	10.525	10.561	VV	1300	20820	0.33%	0.007%
235	10.564	10.561	10.582	VV	914	6496	0.10%	0.002%
236	10.601	10.582	10.615	PV	746	8812	0.14%	0.003%
237	10.627	10.615	10.636	VV	551	5876	0.09%	0.002%
238	10.664	10.636	10.693	VV	5127	73289	1.15%	0.025%
239	10.714	10.693	10.733	VV	3974	53180	0.83%	0.018%
240	10.745	10.733	10.750	VV	1074	10056	0.16%	0.003%
241	10.772	10.750	10.783	VV	4060	50842	0.79%	0.017%
242	10.800	10.783	10.823	VV	9249	120052	1.88%	0.041%
243	10.840	10.823	10.891	VV	5236	74243	1.16%	0.025%
244	10.919	10.891	10.950	VV	4806	86652	1.35%	0.030%
245	10.969	10.950	10.988	VV	13914	163059	2.55%	0.056%
246	10.995	10.988	11.008	VV	4569	46629	0.73%	0.016%

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247	11.020	11.008	11.040	VV	4030	51849	0.81%	0.018%
248	11.062	11.040	11.077	VV	5294	71234	1.11%	0.024%
249	11.090	11.077	11.103	VV	5191	59397	0.93%	0.020%
250	11.128	11.103	11.164	VV	13829	240202	3.75%	0.082%
251	11.178	11.164	11.189	VV	1848	25733	0.40%	0.009%
252	11.192	11.189	11.203	VV	1805	13989	0.22%	0.005%
253	11.223	11.203	11.240	VV	3606	49501	0.77%	0.017%
254	11.250	11.240	11.273	VV	1412	22687	0.35%	0.008%
255	11.291	11.273	11.302	VV	3339	37190	0.58%	0.013%
256	11.328	11.302	11.370	VV	228411	2500881	39.08%	0.857%
257	11.403	11.370	11.445	VV	82122	995447	15.56%	0.341%
258	11.455	11.445	11.468	VV	1354	13879	0.22%	0.005%
259	11.498	11.468	11.533	VV	8681	125579	1.96%	0.043%
260	11.572	11.533	11.594	VV	5013	79018	1.23%	0.027%
261	11.613	11.594	11.656	VV	24109	280625	4.39%	0.096%
262	11.695	11.656	11.712	PV	2747	55521	0.87%	0.019%
263	11.739	11.712	11.749	VV	3759	64144	1.00%	0.022%
264	11.772	11.749	11.790	VV	7086	111805	1.75%	0.038%
265	11.802	11.790	11.812	VV	2412	27619	0.43%	0.009%
266	11.857	11.812	11.897	VV	12262	285995	4.47%	0.098%
267	11.932	11.897	11.949	PV	6746	94290	1.47%	0.032%
268	11.969	11.949	12.006	VV	10730	227005	3.55%	0.078%
269	12.024	12.006	12.069	VV	6851	154749	2.42%	0.053%
270	12.086	12.069	12.106	VV	5160	73179	1.14%	0.025%
271	12.137	12.106	12.151	VV	33288	376376	5.88%	0.129%
272	12.168	12.151	12.206	VV	40875	497217	7.77%	0.170%
273	12.253	12.206	12.270	VV	31960	559800	8.75%	0.192%
274	12.286	12.270	12.301	VV	24887	285874	4.47%	0.098%
275	12.317	12.301	12.347	VV	30498	410898	6.42%	0.141%
276	12.355	12.347	12.375	VV	3995	50023	0.78%	0.017%
277	12.398	12.375	12.421	VV	5346	103068	1.61%	0.035%
278	12.452	12.421	12.475	VV	8970	207420	3.24%	0.071%
279	12.495	12.475	12.518	VV	19271	246999	3.86%	0.085%
280	12.540	12.518	12.569	VV	7101	145891	2.28%	0.050%
281	12.609	12.569	12.630	VV	20365	311420	4.87%	0.107%
282	12.642	12.630	12.659	VV	4313	57514	0.90%	0.020%
283	12.700	12.659	12.740	VV	68434	970054	15.16%	0.332%
284	12.759	12.740	12.777	VV	6157	107129	1.67%	0.037%
285	12.790	12.777	12.805	VV	3386	48648	0.76%	0.017%
286	12.820	12.805	12.831	VV	4001	54473	0.85%	0.019%
287	12.863	12.831	12.876	VV	6976	144142	2.25%	0.049%
288	12.884	12.876	12.913	VV	5810	79282	1.24%	0.027%
289	12.934	12.913	12.972	VV	10070	178170	2.78%	0.061%
290	12.994	12.972	13.023	VV	12562	192606	3.01%	0.066%
291	13.045	13.023	13.065	VV	25926	348649	5.45%	0.119%
292	13.089	13.065	13.135	VV	14723	393163	6.14%	0.135%
293	13.166	13.135	13.203	VV	277451	3140499	49.08%	1.076%
294	13.225	13.203	13.244	VV	3296	43422	0.68%	0.015%
295	13.262	13.244	13.278	PV	2560	32843	0.51%	0.011%
296	13.321	13.278	13.338	VV	10062	205147	3.21%	0.070%
297	13.353	13.338	13.410	VV	12845	291501	4.56%	0.100%
298	13.414	13.410	13.437	VV	3058	33250	0.52%	0.011%
299	13.468	13.437	13.505	VV	232818	2598832	40.61%	0.890%

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300	13.521	13.505	13.536	VV	21953	249186	3.89%	0.085%
301	13.552	13.536	13.578	VV	21310	272559	4.26%	0.093%
302	13.600	13.578	13.620	VV	3787	64872	1.01%	0.022%
303	13.638	13.620	13.647	VV	7587	82253	1.29%	0.028%
304	13.664	13.647	13.684	VV	10326	144379	2.26%	0.049%
305	13.732	13.684	13.753	VV	19312	309174	4.83%	0.106%
306	13.780	13.753	13.792	VV	11364	189282	2.96%	0.065%
307	13.801	13.792	13.830	VV	11509	149392	2.33%	0.051%
308	13.864	13.830	13.881	VV	7931	133545	2.09%	0.046%
309	13.892	13.881	13.905	VV	4617	50507	0.79%	0.017%
310	13.938	13.905	14.006	VV	21187	522869	8.17%	0.179%
311	14.058	14.006	14.099	VV	36715	649520	10.15%	0.223%
312	14.127	14.099	14.142	VV	4995	83268	1.30%	0.029%
313	14.167	14.142	14.188	VV	22769	313891	4.91%	0.108%
314	14.207	14.188	14.230	VV	23637	312049	4.88%	0.107%
315	14.249	14.230	14.274	VV	8594	150777	2.36%	0.052%
316	14.303	14.274	14.315	VV	12971	203018	3.17%	0.070%
317	14.338	14.315	14.359	VV	23650	377796	5.90%	0.129%
318	14.380	14.359	14.415	VV	18881	280718	4.39%	0.096%
319	14.453	14.415	14.475	VV	5876	122319	1.91%	0.042%
320	14.529	14.475	14.538	VV	4786	130756	2.04%	0.045%
321	14.546	14.538	14.572	VV	5046	65071	1.02%	0.022%
322	14.576	14.572	14.583	VV	1823	11484	0.18%	0.004%
323	14.593	14.583	14.599	VV	2679	21397	0.33%	0.007%
324	14.605	14.599	14.631	VV	2545	33643	0.53%	0.012%
325	14.643	14.631	14.660	VV	1654	13779	0.22%	0.005%
326	14.695	14.660	14.716	PV	5431	75880	1.19%	0.026%
327	14.774	14.716	14.781	VV	5485	134227	2.10%	0.046%
328	14.799	14.781	14.828	VV	23090	279119	4.36%	0.096%
329	14.832	14.828	14.850	VV	880	5439	0.08%	0.002%
330	14.871	14.850	14.890	PV	10130	122815	1.92%	0.042%
331	14.902	14.890	14.937	VV	4302	61460	0.96%	0.021%
332	14.979	14.937	15.017	VV	17045	349687	5.46%	0.120%
333	15.045	15.017	15.066	VV	29452	381899	5.97%	0.131%
334	15.104	15.066	15.130	VV	21772	348831	5.45%	0.120%
335	15.167	15.130	15.179	PV	3998	53935	0.84%	0.018%
336	15.209	15.179	15.268	VV	80359	1175097	18.36%	0.403%
337	15.277	15.268	15.283	PV	990	3625	0.06%	0.001%
338	15.311	15.283	15.331	VV	9964	120120	1.88%	0.041%
339	15.360	15.331	15.381	VV	118071	1514311	23.67%	0.519%
340	15.404	15.381	15.434	VV	119339	1471334	22.99%	0.504%
341	15.452	15.434	15.479	VV	6729	106203	1.66%	0.036%
342	15.523	15.479	15.549	VV	25391	459904	7.19%	0.158%
343	15.557	15.549	15.576	VV	7328	103098	1.61%	0.035%
344	15.599	15.576	15.635	VV	13935	275058	4.30%	0.094%
345	15.661	15.635	15.688	VV	16362	311996	4.88%	0.107%
346	15.719	15.688	15.743	VV	13913	336147	5.25%	0.115%
347	15.748	15.743	15.757	VV	6008	48857	0.76%	0.017%
348	15.764	15.757	15.768	VV	5798	37957	0.59%	0.013%
349	15.798	15.768	15.839	VV	53583	967106	15.11%	0.331%
350	15.849	15.839	15.868	VV	9515	136457	2.13%	0.047%
351	15.884	15.868	15.913	VV	5672	127294	1.99%	0.044%

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352	15.941	15.913	15.978	VV	38884	747858	11.69%	0.256%
353	15.994	15.978	16.016	VV	11459	182450	2.85%	0.063%
354	16.039	16.016	16.060	VV	32180	434074	6.78%	0.149%
355	16.077	16.060	16.106	VV	15970	235597	3.68%	0.081%
356	16.125	16.106	16.140	VV	5881	82580	1.29%	0.028%
357	16.201	16.140	16.239	VV	16576	502555	7.85%	0.172%
358	16.251	16.239	16.256	VV	3222	21286	0.33%	0.007%
359	16.278	16.256	16.297	VV	6953	97531	1.52%	0.033%
360	16.323	16.297	16.345	PV	4166	71159	1.11%	0.024%
361	16.366	16.345	16.383	VV	5975	70559	1.10%	0.024%
362	16.397	16.383	16.412	VV	6354	61885	0.97%	0.021%
363	16.445	16.412	16.499	VV	16351	338202	5.29%	0.116%
364	16.508	16.499	16.525	VV	2903	21876	0.34%	0.007%
365	16.539	16.525	16.561	PV	1654	16083	0.25%	0.006%
366	16.578	16.561	16.582	PV	2845	19396	0.30%	0.007%
367	16.598	16.582	16.609	VV	3139	34762	0.54%	0.012%
368	16.658	16.609	16.693	VV	12807	337056	5.27%	0.115%
369	16.714	16.693	16.728	VV	8504	123747	1.93%	0.042%
370	16.750	16.728	16.785	VV	12065	281586	4.40%	0.096%
371	16.818	16.785	16.845	VV	25631	536338	8.38%	0.184%
372	16.859	16.845	16.882	VV	15635	234796	3.67%	0.080%
373	16.935	16.882	16.954	VV	151967	2297860	35.91%	0.787%
374	16.961	16.954	16.994	VV	49866	597316	9.33%	0.205%
375	17.014	16.994	17.020	VV	6665	87525	1.37%	0.030%
376	17.040	17.020	17.045	VV	11390	133215	2.08%	0.046%
377	17.065	17.045	17.092	VV	28358	467682	7.31%	0.160%
378	17.104	17.092	17.145	VV	12583	280547	4.38%	0.096%
379	17.162	17.145	17.174	VV	9296	148037	2.31%	0.051%
380	17.180	17.174	17.187	VV	8644	60744	0.95%	0.021%
381	17.200	17.187	17.208	VV	10088	109453	1.71%	0.038%
382	17.260	17.208	17.286	VV	74324	1355532	21.18%	0.464%
383	17.318	17.286	17.347	VV	95012	1322447	20.67%	0.453%
384	17.356	17.347	17.367	VV	7481	73598	1.15%	0.025%
385	17.419	17.367	17.437	VV	36470	866476	13.54%	0.297%
386	17.444	17.437	17.472	VV	21390	395569	6.18%	0.136%
387	17.477	17.472	17.508	VV	16345	281113	4.39%	0.096%
388	17.527	17.508	17.536	VV	14233	206782	3.23%	0.071%
389	17.548	17.536	17.555	VV	16883	166687	2.60%	0.057%
390	17.563	17.555	17.573	VV	18964	180335	2.82%	0.062%
391	17.588	17.573	17.596	VV	16790	204243	3.19%	0.070%
392	17.603	17.596	17.609	VV	14167	101123	1.58%	0.035%
393	17.619	17.609	17.632	VV	16415	202118	3.16%	0.069%
394	17.647	17.632	17.652	VV	17393	188721	2.95%	0.065%
395	17.667	17.652	17.672	VV	22698	237267	3.71%	0.081%
396	17.682	17.672	17.704	VV	27912	428510	6.70%	0.147%
397	17.710	17.704	17.719	VV	20002	170557	2.67%	0.058%
398	17.727	17.719	17.735	VV	22948	212931	3.33%	0.073%
399	17.767	17.735	17.794	VV	46020	1100354	17.20%	0.377%
400	17.817	17.794	17.827	VV	27829	446239	6.97%	0.153%
401	17.857	17.827	17.880	VV	41637	958311	14.98%	0.328%
402	17.907	17.880	17.918	VV	26496	483015	7.55%	0.166%
403	17.928	17.918	17.942	VV	22920	299793	4.69%	0.103%
404	17.948	17.942	17.954	VV	22240	144675	2.26%	0.050%

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405	17.984	17.954	17.990	VV	33953	562890	8.80%	0.193%
406	17.996	17.990	18.009	VV	31912	303855	4.75%	0.104%
407	18.031	18.009	18.039	VV	30566	453024	7.08%	0.155%
408	18.045	18.039	18.054	VV	26226	230357	3.60%	0.079%
409	18.064	18.054	18.070	VV	27794	253271	3.96%	0.087%
410	18.082	18.070	18.092	VV	31226	357868	5.59%	0.123%
411	18.098	18.092	18.103	VV	26032	159828	2.50%	0.055%
412	18.113	18.103	18.118	VV	29631	251305	3.93%	0.086%
413	18.128	18.118	18.134	VV	31820	270889	4.23%	0.093%
414	18.136	18.134	18.147	VV	31584	233162	3.64%	0.080%
415	18.159	18.147	18.164	VV	34102	314613	4.92%	0.108%
416	18.170	18.164	18.179	VV	32893	270647	4.23%	0.093%
417	18.204	18.179	18.219	VV	41584	845845	13.22%	0.290%
418	18.233	18.219	18.244	VV	39166	540094	8.44%	0.185%
419	18.260	18.244	18.270	VV	42490	575157	8.99%	0.197%
420	18.295	18.270	18.302	VV	55212	858950	13.42%	0.294%
421	18.306	18.302	18.332	VV	55850	765199	11.96%	0.262%
422	18.342	18.332	18.352	VV	38876	417894	6.53%	0.143%
423	18.356	18.352	18.364	VV	36402	256848	4.01%	0.088%
424	18.380	18.364	18.403	VV	38762	816790	12.76%	0.280%
425	18.410	18.403	18.416	VV	34315	242068	3.78%	0.083%
426	18.425	18.416	18.430	VV	42209	308624	4.82%	0.106%
427	18.439	18.430	18.445	VV	41367	351269	5.49%	0.120%
428	18.461	18.445	18.483	VV	60585	1139591	17.81%	0.390%
429	18.490	18.483	18.506	VV	46969	548052	8.56%	0.188%
430	18.519	18.506	18.532	VV	40618	609994	9.53%	0.209%
431	18.542	18.532	18.548	VV	41182	382438	5.98%	0.131%
432	18.550	18.548	18.560	VV	43082	272783	4.26%	0.093%
433	18.576	18.560	18.584	VV	43518	560160	8.75%	0.192%
434	18.604	18.584	18.613	VV	55539	835087	13.05%	0.286%
435	18.617	18.613	18.626	VV	58300	414320	6.47%	0.142%
436	18.655	18.626	18.681	VV	99612	2313062	36.15%	0.793%
437	18.699	18.681	18.720	VV	98166	1888110	29.51%	0.647%
438	18.726	18.720	18.759	VV	70568	1283615	20.06%	0.440%
439	18.772	18.759	18.779	VV	52182	556616	8.70%	0.191%
440	18.784	18.779	18.796	VV	49813	478255	7.47%	0.164%
441	18.801	18.796	18.805	VV	44271	231239	3.61%	0.079%
442	18.830	18.805	18.850	VV	76696	1667006	26.05%	0.571%
443	18.866	18.850	18.918	VV	68177	2086958	32.61%	0.715%
444	18.961	18.918	18.979	VV	101055	2359744	36.88%	0.809%
445	19.003	18.979	19.015	VV	58760	1191998	18.63%	0.408%
446	19.046	19.015	19.060	VV	66852	1528817	23.89%	0.524%
447	19.086	19.060	19.112	VV	81700	2078743	32.49%	0.712%
448	19.134	19.112	19.140	VV	83222	1237076	19.33%	0.424%
449	19.142	19.140	19.164	VV	77662	1019697	15.94%	0.349%
450	19.186	19.164	19.202	VV	72554	1472815	23.02%	0.505%
451	19.222	19.202	19.235	VV	71660	1322179	20.66%	0.453%
452	19.259	19.235	19.280	VV	82705	1941979	30.35%	0.665%
453	19.287	19.280	19.294	VV	79061	645330	10.09%	0.221%
454	19.305	19.294	19.329	VV	83294	1561722	24.41%	0.535%
455	19.344	19.329	19.368	VV	76785	1620610	25.33%	0.555%
456	19.398	19.368	19.411	VV	86093	1928100	30.13%	0.661%

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457	19.416	19.411	19.426	VV	77816	676777	10.58%	0.232%
458	19.502	19.426	19.527	VV	132338	5816002	90.89%	1.993%
459	19.536	19.527	19.542	VV	112941	925244	14.46%	0.317%
460	19.550	19.542	19.556	VV	103445	787821	12.31%	0.270%
461	19.560	19.556	19.569	VV	92309	715856	11.19%	0.245%
462	19.572	19.569	19.588	VV	90779	985348	15.40%	0.338%
463	19.605	19.588	19.614	VV	88024	1280063	20.00%	0.439%
464	19.628	19.614	19.632	VV	95316	936667	14.64%	0.321%
465	19.638	19.632	19.645	VV	94434	709689	11.09%	0.243%
466	19.652	19.645	19.659	VV	94673	756591	11.82%	0.259%
467	19.663	19.659	19.673	VV	94108	743393	11.62%	0.255%
468	19.683	19.673	19.689	VV	90164	793144	12.40%	0.272%
469	19.696	19.689	19.704	VV	87781	765598	11.96%	0.262%
470	19.710	19.704	19.717	VV	86126	645716	10.09%	0.221%
471	19.727	19.717	19.732	VV	91231	783172	12.24%	0.268%
472	19.737	19.732	19.752	VV	88930	1014512	15.85%	0.348%
473	19.760	19.752	19.771	VV	88463	925853	14.47%	0.317%
474	19.783	19.771	19.793	VV	95272	1231001	19.24%	0.422%
475	19.799	19.793	19.804	VV	94826	592498	9.26%	0.203%
476	19.809	19.804	19.814	VV	92422	506701	7.92%	0.174%
477	19.830	19.814	19.838	VV	101200	1323763	20.69%	0.454%
478	19.859	19.838	19.865	VV	100189	1521791	23.78%	0.521%
479	19.871	19.865	19.883	VV	105873	1075844	16.81%	0.369%
480	19.892	19.883	19.907	VV	100297	1370957	21.43%	0.470%
481	19.931	19.907	19.941	VV	109849	2036612	31.83%	0.698%
482	19.946	19.941	19.954	VV	112025	869838	13.59%	0.298%
483	19.960	19.954	19.989	VV	119528	2349451	36.72%	0.805%
484	19.994	19.989	20.023	VV	107981	2032441	31.76%	0.696%
485	20.051	20.023	20.066	VV	124106	2856253	44.64%	0.979%
486	20.071	20.066	20.086	VV	113151	1239804	19.38%	0.425%
487	20.118	20.086	20.122	VV	149217	2630085	41.10%	0.901%
488	20.128	20.122	20.137	VV	149594	1264436	19.76%	0.433%
489	20.146	20.137	20.161	VV	147469	1993035	31.15%	0.683%
490	20.166	20.161	20.171	VV	143527	781197	12.21%	0.268%
491	20.201	20.171	20.216	VV	154696	3937567	61.54%	1.349%
492	20.247	20.216	20.260	VV	160089	3862895	60.37%	1.324%
493	20.263	20.260	20.269	VV	153119	840271	13.13%	0.288%
494	20.286	20.269	20.296	VV	170292	2437461	38.09%	0.835%
495	20.301	20.296	20.312	VV	168156	1556039	24.32%	0.533%
496	20.326	20.312	20.333	VV	157580	1921660	30.03%	0.658%
497	20.338	20.333	20.343	VV	143931	858448	13.42%	0.294%
498	20.351	20.343	20.364	VV	156577	1796197	28.07%	0.615%
499	20.372	20.364	20.381	VV	145917	1422156	22.23%	0.487%
500	20.384	20.381	20.388	VV	142620	608210	9.51%	0.208%
501	20.391	20.388	20.395	VV	135716	575571	8.99%	0.197%
502	20.401	20.395	20.404	VV	141394	695952	10.88%	0.238%
503	20.410	20.404	20.425	VV	146376	1773362	27.71%	0.608%
504	20.436	20.425	20.453	VV	153277	2429278	37.96%	0.832%
505	20.471	20.453	20.475	VV	159044	2014972	31.49%	0.690%
506	20.500	20.475	20.520	VV	188160	4719872	73.76%	1.617%
507	20.542	20.520	20.546	VV	175265	2563339	40.06%	0.878%
508	20.579	20.546	20.596	VV	183625	5265929	82.30%	1.804%
509	20.600	20.596	20.613	VV	174310	1690823	26.42%	0.579%

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510	20.619	20.613	20.633	VV	176678	2041833	31.91%	0.700%
511	20.649	20.633	20.659	VV	178444	2665539	41.66%	0.913%
512	20.664	20.659	20.668	VV	180380	985489	15.40%	0.338%
513	20.678	20.668	20.703	VV	180070	3419985	53.45%	1.172%
514	20.707	20.703	20.711	VV	155127	790305	12.35%	0.271%
515	20.717	20.711	20.742	VV	162155	2834943	44.30%	0.971%
516	20.762	20.742	20.774	VV	158879	2961171	46.28%	1.015%
517	20.791	20.774	20.796	VV	159869	2000171	31.26%	0.685%
518	20.800	20.796	20.812	VV	152369	1408506	22.01%	0.483%
519	20.828	20.812	20.832	VV	155600	1739545	27.19%	0.596%
520	20.844	20.832	20.850	VV	170288	1734336	27.10%	0.594%
521	20.866	20.850	20.879	VV	177310	3028117	47.32%	1.038%
522	20.893	20.879	20.936	VV	168101	5311591	83.01%	1.820%
523	20.940	20.936	20.956	VV	154874	1761739	27.53%	0.604%
524	20.960	20.956	20.974	VV	141489	1499698	23.44%	0.514%
525	20.983	20.974	20.987	VV	147772	1141242	17.84%	0.391%
526	20.995	20.987	21.023	VV	146064	2914083	45.54%	0.999%
527	21.043	21.023	21.067	VV	144839	3466699	54.18%	1.188%
528	21.074	21.067	21.084	VV	123425	1171622	18.31%	0.401%
529	21.097	21.084	21.102	VV	127079	1315490	20.56%	0.451%
530	21.136	21.102	21.142	VV	135271	3116451	48.70%	1.068%
531	21.148	21.142	21.173	VV	136962	2459595	38.44%	0.843%
532	21.180	21.173	21.184	VV	142108	882505	13.79%	0.302%
533	21.189	21.184	21.202	VV	145914	1542441	24.11%	0.529%
534	21.210	21.202	21.216	VV	142267	1051619	16.43%	0.360%
535	21.228	21.216	21.243	VV	139884	2220236	34.70%	0.761%
536	21.260	21.243	21.324	VV	147394	6398800	100.00%	2.193%
537	21.333	21.324	21.363	VV	122542	2592631	40.52%	0.888%
538	21.370	21.363	21.395	VV	111207	1955255	30.56%	0.670%
539	21.402	21.395	21.416	VV	105873	1183374	18.49%	0.405%
540	21.442	21.416	21.449	VV	107357	1945493	30.40%	0.667%
541	21.457	21.449	21.468	VV	114576	1191783	18.63%	0.408%
542	21.474	21.468	21.493	VV	109718	1588816	24.83%	0.544%
543	21.498	21.493	21.503	VV	107353	583502	9.12%	0.200%
544	21.507	21.503	21.521	VV	103360	1028618	16.08%	0.352%
545	21.532	21.521	21.542	VV	98902	1182439	18.48%	0.405%
546	21.548	21.542	21.556	VV	102025	803363	12.55%	0.275%
547	21.559	21.556	21.563	VV	97662	407754	6.37%	0.140%
548	21.571	21.563	21.585	VV	102492	1328041	20.75%	0.455%
549	21.596	21.585	21.618	VV	98368	1759925	27.50%	0.603%
550	21.627	21.618	21.635	VV	96610	912297	14.26%	0.313%
551	21.644	21.635	21.653	VV	92578	977769	15.28%	0.335%
552	21.659	21.653	21.663	VV	99616	525887	8.22%	0.180%
553	21.668	21.663	21.673	VV	100770	575401	8.99%	0.197%
554	21.681	21.673	21.691	VV	105090	1015552	15.87%	0.348%
555	21.705	21.691	21.712	VV	101237	1205708	18.84%	0.413%
556	21.718	21.712	21.727	VV	89658	757023	11.83%	0.259%
557	21.746	21.727	21.791	VV	94644	3213900	50.23%	1.101%
558	21.795	21.791	21.804	VV	74990	557344	8.71%	0.191%
559	21.808	21.804	21.819	VV	77666	631485	9.87%	0.216%
560	21.825	21.819	21.856	VV	68476	1385526	21.65%	0.475%
561	21.863	21.856	21.894	VV	64025	1314807	20.55%	0.451%

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562	21.913	21.894	21.918	VV	60469	785694	12.28%	0.269%
563	21.921	21.918	21.924	VV	60264	226457	3.54%	0.078%
564	21.929	21.924	21.948	VV	60621	758896	11.86%	0.260%
565	21.952	21.948	21.969	VV	54730	607039	9.49%	0.208%
566	21.987	21.969	22.028	VV	53083	1689251	26.40%	0.579%
567	22.061	22.028	22.081	VV	61631	1721961	26.91%	0.590%
568	22.087	22.081	22.094	VV	58415	412403	6.45%	0.141%
569	22.110	22.094	22.115	VV	55875	635175	9.93%	0.218%
570	22.119	22.115	22.129	VV	51410	384276	6.01%	0.132%
571	22.137	22.129	22.145	VV	43687	416400	6.51%	0.143%
572	22.151	22.145	22.166	VV	43903	491970	7.69%	0.169%
573	22.202	22.166	22.207	VV	58343	1174404	18.35%	0.402%
574	22.212	22.207	22.241	VV	59870	970915	15.17%	0.333%
575	22.246	22.241	22.287	VV	42045	949280	14.84%	0.325%
576	22.296	22.287	22.305	VV	29245	270538	4.23%	0.093%
577	22.309	22.305	22.316	VV	25126	159769	2.50%	0.055%
578	22.324	22.316	22.353	VV	24750	418769	6.54%	0.143%
579	22.362	22.353	22.375	VV	9907	101470	1.59%	0.035%
580	22.381	22.375	22.387	PV	8426	29665	0.46%	0.010%

Sum of corrected areas: 291844886

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