

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031025\
 Data File : FG015464.D
 Signal(s) : FID1A.ch
 Acq On : 10 Mar 2025 12:30
 Sample : Q1515-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.968	1.930	1.983	BV	166	1723	0.03%	0.001%
2	1.992	1.983	1.998	VV	331	1987	0.03%	0.001%
3	2.005	1.998	2.031	VV	386	3411	0.06%	0.001%
4	2.035	2.031	2.045	PV	248	1067	0.02%	0.000%
5	2.049	2.045	2.058	VV	170	855	0.01%	0.000%
6	2.083	2.058	2.099	VV	239	4299	0.07%	0.002%
7	2.102	2.099	2.115	VV	146	1292	0.02%	0.000%
8	2.118	2.115	2.135	VV	264	1352	0.02%	0.000%
9	2.139	2.135	2.153	PV	182	1175	0.02%	0.000%
10	2.157	2.153	2.165	VV	82	645	0.01%	0.000%
11	2.172	2.165	2.176	PV	158	647	0.01%	0.000%
12	2.182	2.176	2.213	VV	168	2871	0.05%	0.001%
13	2.226	2.213	2.259	VV	489	7527	0.13%	0.003%
14	2.283	2.259	2.311	VV	2681	35054	0.58%	0.013%
15	2.319	2.311	2.338	VV	789	9628	0.16%	0.003%
16	2.346	2.338	2.396	VV	1667	24209	0.40%	0.009%
17	2.400	2.396	2.426	VV	220	2586	0.04%	0.001%
18	2.438	2.426	2.466	VV	160	2190	0.04%	0.001%
19	2.469	2.466	2.504	VV	116	1140	0.02%	0.000%
20	2.510	2.504	2.521	VV	110	540	0.01%	0.000%
21	2.524	2.521	2.542	VV	89	880	0.01%	0.000%
22	2.571	2.542	2.624	VV	3171	45968	0.76%	0.017%
23	2.629	2.624	2.657	PV	132	1576	0.03%	0.001%
24	2.685	2.657	2.747	VV	3367	68445	1.14%	0.025%
25	2.751	2.747	2.754	VV	214	853	0.01%	0.000%
26	2.772	2.754	2.784	VV	262	3794	0.06%	0.001%
27	2.799	2.784	2.836	VV	433	8635	0.14%	0.003%
28	2.840	2.836	2.855	VV	154	1366	0.02%	0.000%
29	2.898	2.855	2.937	PV	707	18064	0.30%	0.006%
30	2.959	2.937	2.997	VV	2321	35506	0.59%	0.013%
31	3.009	2.997	3.019	VV	398	4785	0.08%	0.002%
32	3.041	3.019	3.059	VV	679	12626	0.21%	0.005%
33	3.069	3.059	3.095	VV	455	6786	0.11%	0.002%
34	3.098	3.095	3.107	VV	144	869	0.01%	0.000%
35	3.111	3.107	3.115	VV	130	504	0.01%	0.000%
36	3.140	3.115	3.159	VV	360	5647	0.09%	0.002%

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37	3.162	3.159	3.172	VV	187	1034	0.02%	0.000%
38	3.189	3.172	3.210	VV	247	4034	0.07%	0.001%
39	3.227	3.210	3.239	VV	276	3570	0.06%	0.001%
40	3.265	3.239	3.304	VV	2225	39724	0.66%	0.014%
41	3.313	3.304	3.365	VV	295	4991	0.08%	0.002%
42	3.383	3.365	3.391	PV	344	3052	0.05%	0.001%
43	3.410	3.391	3.424	VV	680	8217	0.14%	0.003%
44	3.439	3.424	3.462	VV	399	6056	0.10%	0.002%
45	3.476	3.462	3.500	VV	332	5849	0.10%	0.002%
46	3.505	3.500	3.535	VV	428	5384	0.09%	0.002%
47	3.548	3.535	3.563	VV	374	4396	0.07%	0.002%
48	3.581	3.563	3.619	VV	1240	22092	0.37%	0.008%
49	3.634	3.619	3.654	VV	907	15429	0.26%	0.006%
50	3.660	3.654	3.694	VV	802	11951	0.20%	0.004%
51	3.717	3.694	3.746	VV	1970	34324	0.57%	0.012%
52	3.750	3.746	3.769	VV	838	9331	0.16%	0.003%
53	3.799	3.769	3.831	VV	1146	26629	0.44%	0.010%
54	3.857	3.831	3.870	VV	2612	34063	0.57%	0.012%
55	3.881	3.870	3.895	VV	2016	23809	0.40%	0.009%
56	3.903	3.895	3.931	VV	1288	12709	0.21%	0.005%
57	3.957	3.931	3.979	VV	3006	43691	0.73%	0.016%
58	3.987	3.979	4.019	VV	1500	19229	0.32%	0.007%
59	4.069	4.019	4.088	PV	7332	119441	1.99%	0.043%
60	4.096	4.088	4.117	VV	4364	56539	0.94%	0.020%
61	4.132	4.117	4.158	VV	2389	50450	0.84%	0.018%
62	4.176	4.158	4.220	VV	3541	58604	0.97%	0.021%
63	4.250	4.220	4.283	VV	4410	86216	1.43%	0.031%
64	4.298	4.283	4.327	VV	3171	53847	0.90%	0.019%
65	4.338	4.327	4.352	VV	1435	17609	0.29%	0.006%
66	4.362	4.352	4.385	VV	1079	12548	0.21%	0.005%
67	4.419	4.385	4.442	PV	1605	24968	0.42%	0.009%
68	4.468	4.442	4.492	VV	2504	35600	0.59%	0.013%
69	4.529	4.492	4.550	VV	17541	209446	3.48%	0.075%
70	4.566	4.550	4.585	VV	5575	67780	1.13%	0.024%
71	4.605	4.585	4.625	VV	3987	48060	0.80%	0.017%
72	4.639	4.625	4.668	VV	1448	19461	0.32%	0.007%
73	4.716	4.668	4.730	PV	3304	74947	1.25%	0.027%
74	4.741	4.730	4.752	VV	2512	29508	0.49%	0.011%
75	4.758	4.752	4.773	VV	2145	22221	0.37%	0.008%
76	4.784	4.773	4.798	VV	2379	26011	0.43%	0.009%
77	4.815	4.798	4.829	VV	7293	78781	1.31%	0.028%
78	4.838	4.829	4.853	VV	3785	38699	0.64%	0.014%
79	4.872	4.853	4.884	VV	3995	52598	0.87%	0.019%
80	4.894	4.884	4.908	VV	4462	49760	0.83%	0.018%
81	4.921	4.908	4.929	VV	3093	31487	0.52%	0.011%
82	4.949	4.929	4.967	VV	9118	123408	2.05%	0.044%
83	4.992	4.967	5.013	VV	7173	113760	1.89%	0.041%
84	5.037	5.013	5.062	VV	15041	216382	3.60%	0.078%
85	5.068	5.062	5.084	VV	1849	16993	0.28%	0.006%
86	5.113	5.084	5.132	VV	7235	87831	1.46%	0.032%
87	5.146	5.132	5.169	VV	2629	34945	0.58%	0.013%
88	5.210	5.169	5.223	VV	6195	83151	1.38%	0.030%
89	5.241	5.223	5.268	VV	11165	172588	2.87%	0.062%

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90	5.287	5.268	5.303	VV	12173	140069	2.33%	0.050%
91	5.319	5.303	5.337	VV	11364	140182	2.33%	0.050%
92	5.353	5.337	5.392	VV	9714	129925	2.16%	0.047%
93	5.405	5.392	5.411	PV	902	6585	0.11%	0.002%
94	5.418	5.411	5.427	VV	859	7871	0.13%	0.003%
95	5.451	5.427	5.464	VV	5489	79163	1.32%	0.028%
96	5.477	5.464	5.497	VV	6474	92095	1.53%	0.033%
97	5.520	5.497	5.537	VV	9430	166647	2.77%	0.060%
98	5.551	5.537	5.568	VV	12111	141518	2.35%	0.051%
99	5.576	5.568	5.584	VV	3116	29125	0.48%	0.010%
100	5.613	5.584	5.629	VV	6192	101538	1.69%	0.036%
101	5.641	5.629	5.652	VV	2993	28731	0.48%	0.010%
102	5.675	5.652	5.698	VV	62684	854155	14.20%	0.307%
103	5.705	5.698	5.780	VV	17518	301198	5.01%	0.108%
104	5.802	5.780	5.816	VV	2563	40147	0.67%	0.014%
105	5.827	5.816	5.835	VV	2429	21797	0.36%	0.008%
106	5.858	5.835	5.890	VV	17782	344116	5.72%	0.124%
107	5.899	5.890	5.917	VV	7693	87322	1.45%	0.031%
108	5.940	5.917	5.950	VV	10117	117927	1.96%	0.042%
109	5.966	5.950	5.979	VV	27683	345545	5.75%	0.124%
110	5.986	5.979	6.012	VV	21573	281281	4.68%	0.101%
111	6.023	6.012	6.032	VV	8939	93777	1.56%	0.034%
112	6.063	6.032	6.094	VV	28780	478609	7.96%	0.172%
113	6.107	6.094	6.126	VV	9232	144259	2.40%	0.052%
114	6.130	6.126	6.136	VV	5136	29200	0.49%	0.010%
115	6.155	6.136	6.173	VV	16389	214396	3.57%	0.077%
116	6.207	6.173	6.229	VV	16209	332468	5.53%	0.119%
117	6.285	6.229	6.296	VV	16200	472899	7.86%	0.170%
118	6.307	6.296	6.326	VV	15747	190089	3.16%	0.068%
119	6.353	6.326	6.370	VV	19707	286349	4.76%	0.103%
120	6.392	6.370	6.406	VV	23488	363971	6.05%	0.131%
121	6.419	6.406	6.461	VV	22902	495424	8.24%	0.178%
122	6.478	6.461	6.493	VV	20300	252722	4.20%	0.091%
123	6.501	6.493	6.508	VV	12024	108096	1.80%	0.039%
124	6.530	6.508	6.564	VV	21021	457412	7.61%	0.164%
125	6.583	6.564	6.609	VV	11291	247733	4.12%	0.089%
126	6.633	6.609	6.665	VV	33522	578037	9.61%	0.208%
127	6.677	6.665	6.689	VV	10094	127846	2.13%	0.046%
128	6.711	6.689	6.759	VV	103247	1332317	22.16%	0.479%
129	6.797	6.759	6.810	VV	14633	287814	4.79%	0.103%
130	6.828	6.810	6.846	VV	19919	333370	5.54%	0.120%
131	6.865	6.846	6.890	VV	41208	606696	10.09%	0.218%
132	6.911	6.890	6.927	VV	22191	359327	5.98%	0.129%
133	6.938	6.927	6.951	VV	15280	180146	3.00%	0.065%
134	6.968	6.951	6.977	VV	14454	204731	3.40%	0.074%
135	6.994	6.977	7.016	VV	38506	496269	8.25%	0.178%
136	7.039	7.016	7.047	VV	19427	269803	4.49%	0.097%
137	7.057	7.047	7.088	VV	22431	391206	6.51%	0.141%
138	7.117	7.088	7.147	VV	82254	1154370	19.20%	0.415%
139	7.157	7.147	7.173	VV	12330	170636	2.84%	0.061%
140	7.194	7.173	7.210	VV	20225	343605	5.71%	0.123%
141	7.243	7.210	7.264	VV	38848	801485	13.33%	0.288%

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142	7.286	7.264	7.315	VV	47132	752798	12.52%	0.271%
143	7.350	7.315	7.377	VV	56024	1204929	20.04%	0.433%
144	7.393	7.377	7.412	VV	34763	467861	7.78%	0.168%
145	7.435	7.412	7.471	VV	53642	959912	15.96%	0.345%
146	7.496	7.471	7.516	VV	28090	536889	8.93%	0.193%
147	7.535	7.516	7.552	VV	22709	350983	5.84%	0.126%
148	7.566	7.552	7.576	VV	16692	213962	3.56%	0.077%
149	7.588	7.576	7.596	VV	16544	189901	3.16%	0.068%
150	7.637	7.596	7.647	VV	81363	1155131	19.21%	0.415%
151	7.663	7.647	7.684	VV	188927	2198857	36.57%	0.790%
152	7.698	7.684	7.723	VV	32409	629447	10.47%	0.226%
153	7.731	7.723	7.772	VV	27351	659259	10.96%	0.237%
154	7.786	7.772	7.799	VV	18816	276039	4.59%	0.099%
155	7.806	7.799	7.812	VV	16649	125487	2.09%	0.045%
156	7.835	7.812	7.871	VV	66501	1392306	23.15%	0.500%
157	7.890	7.871	7.911	VV	32083	542955	9.03%	0.195%
158	7.931	7.911	7.947	VV	26083	420008	6.98%	0.151%
159	7.953	7.947	7.960	VV	18686	138435	2.30%	0.050%
160	7.978	7.960	7.989	VV	39631	520609	8.66%	0.187%
161	8.000	7.989	8.018	VV	35707	497908	8.28%	0.179%
162	8.034	8.018	8.072	VV	35984	813588	13.53%	0.292%
163	8.096	8.072	8.111	VV	41289	700954	11.66%	0.252%
164	8.129	8.111	8.143	VV	44172	721263	11.99%	0.259%
165	8.147	8.143	8.165	VV	37845	434963	7.23%	0.156%
166	8.191	8.165	8.212	VV	47278	911662	15.16%	0.328%
167	8.239	8.212	8.256	VV	59791	984480	16.37%	0.354%
168	8.273	8.256	8.284	VV	66602	836374	13.91%	0.301%
169	8.296	8.284	8.320	VV	75752	1006205	16.73%	0.362%
170	8.366	8.320	8.398	VV	81755	1817162	30.22%	0.653%
171	8.419	8.398	8.434	VV	27964	541484	9.00%	0.195%
172	8.456	8.434	8.481	VV	52522	1115320	18.55%	0.401%
173	8.495	8.481	8.509	VV	46859	701693	11.67%	0.252%
174	8.549	8.509	8.573	VV	269247	3996190	66.46%	1.436%
175	8.591	8.573	8.609	VV	45666	880771	14.65%	0.316%
176	8.621	8.609	8.626	VV	35122	332419	5.53%	0.119%
177	8.649	8.626	8.677	VV	52909	1239249	20.61%	0.445%
178	8.707	8.677	8.721	VV	51237	1061449	17.65%	0.381%
179	8.733	8.721	8.748	VV	50864	697215	11.59%	0.251%
180	8.767	8.748	8.810	VV	69672	1578785	26.26%	0.567%
181	8.840	8.810	8.863	VV	39912	1010655	16.81%	0.363%
182	8.877	8.863	8.890	VV	33855	482070	8.02%	0.173%
183	8.923	8.890	8.935	VV	49255	1133370	18.85%	0.407%
184	8.945	8.935	8.952	VV	44620	445330	7.41%	0.160%
185	8.975	8.952	8.986	VV	58534	1061293	17.65%	0.381%
186	9.001	8.986	9.023	VV	64742	1202361	20.00%	0.432%
187	9.045	9.023	9.060	VV	60476	1110063	18.46%	0.399%
188	9.090	9.060	9.114	VV	130655	2288700	38.06%	0.822%
189	9.144	9.114	9.160	VV	64828	1253860	20.85%	0.451%
190	9.167	9.160	9.180	VV	41082	460084	7.65%	0.165%
191	9.196	9.180	9.224	VV	49434	1111718	18.49%	0.399%
192	9.239	9.224	9.257	VV	48811	828209	13.77%	0.298%
193	9.268	9.257	9.286	VV	37753	591430	9.84%	0.213%
194	9.314	9.286	9.339	VV	50375	1372022	22.82%	0.493%

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195	9.380	9.339	9.443	VV	352319	6013221	100.00%	2.161%
196	9.465	9.443	9.488	VV	54616	1180575	19.63%	0.424%
197	9.521	9.488	9.543	VV	48428	1333591	22.18%	0.479%
198	9.558	9.543	9.566	VV	39347	507984	8.45%	0.183%
199	9.580	9.566	9.592	VV	43728	609245	10.13%	0.219%
200	9.608	9.592	9.631	VV	51722	1002720	16.68%	0.360%
201	9.638	9.631	9.647	VV	38867	382570	6.36%	0.137%
202	9.663	9.647	9.696	VV	56729	1310854	21.80%	0.471%
203	9.711	9.696	9.728	VV	47271	783176	13.02%	0.281%
204	9.756	9.728	9.786	VV	89465	2150760	35.77%	0.773%
205	9.801	9.786	9.809	VV	55375	701152	11.66%	0.252%
206	9.842	9.809	9.863	VV	78594	1958945	32.58%	0.704%
207	9.888	9.863	9.907	VV	76814	1458082	24.25%	0.524%
208	9.940	9.907	9.966	VV	75298	1887428	31.39%	0.678%
209	9.985	9.966	9.999	VV	42640	777283	12.93%	0.279%
210	10.026	9.999	10.057	VV	89834	1865568	31.02%	0.670%
211	10.074	10.057	10.092	VV	46128	903498	15.03%	0.325%
212	10.117	10.092	10.139	VV	67557	1573894	26.17%	0.566%
213	10.164	10.139	10.212	VV	375885	5489047	91.28%	1.972%
214	10.242	10.212	10.254	VV	47659	1110775	18.47%	0.399%
215	10.266	10.254	10.311	VV	46523	1315199	21.87%	0.473%
216	10.334	10.311	10.363	VV	49340	1224651	20.37%	0.440%
217	10.373	10.363	10.377	VV	36991	313476	5.21%	0.113%
218	10.381	10.377	10.386	VV	36359	185319	3.08%	0.067%
219	10.397	10.386	10.420	VV	38344	751544	12.50%	0.270%
220	10.437	10.420	10.454	VV	42636	788918	13.12%	0.283%
221	10.511	10.454	10.526	VV	65651	2018687	33.57%	0.725%
222	10.553	10.526	10.582	VV	147500	2932419	48.77%	1.054%
223	10.604	10.582	10.624	VV	69470	1379546	22.94%	0.496%
224	10.642	10.624	10.661	VV	73552	1272432	21.16%	0.457%
225	10.697	10.661	10.726	VV	78860	2003920	33.33%	0.720%
226	10.746	10.726	10.765	VV	44372	911242	15.15%	0.327%
227	10.771	10.765	10.782	VV	37556	377687	6.28%	0.136%
228	10.809	10.782	10.824	VV	56430	1152499	19.17%	0.414%
229	10.837	10.824	10.866	VV	50923	1144400	19.03%	0.411%
230	10.907	10.866	10.942	VV	359595	5701103	94.81%	2.049%
231	10.979	10.942	11.008	VV	146497	3214335	53.45%	1.155%
232	11.024	11.008	11.053	VV	53966	1211631	20.15%	0.435%
233	11.069	11.053	11.083	VV	40432	666430	11.08%	0.239%
234	11.097	11.083	11.106	VV	38933	524128	8.72%	0.188%
235	11.123	11.106	11.135	VV	43262	701590	11.67%	0.252%
236	11.157	11.135	11.204	VV	55355	1805583	30.03%	0.649%
237	11.234	11.204	11.266	VV	68338	1989789	33.09%	0.715%
238	11.302	11.266	11.341	VV	143305	3227790	53.68%	1.160%
239	11.361	11.341	11.396	VV	62248	1491452	24.80%	0.536%
240	11.413	11.396	11.443	VV	58608	1202748	20.00%	0.432%
241	11.466	11.443	11.492	VV	39365	1012335	16.84%	0.364%
242	11.513	11.492	11.534	VV	37239	863247	14.36%	0.310%
243	11.554	11.534	11.560	VV	40647	576408	9.59%	0.207%
244	11.563	11.560	11.577	VV	38781	395287	6.57%	0.142%
245	11.613	11.577	11.647	VV	314381	4816223	80.09%	1.731%
246	11.652	11.647	11.668	VV	42053	499921	8.31%	0.180%

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247	11.702	11.668	11.745	VV	126170	2899572	48.22%	1.042%
248	11.762	11.745	11.786	VV	35585	807478	13.43%	0.290%
249	11.806	11.786	11.829	VV	36774	836901	13.92%	0.301%
250	11.906	11.829	11.950	VV	54077	2874117	47.80%	1.033%
251	11.966	11.950	11.982	VV	45201	763563	12.70%	0.274%
252	12.008	11.982	12.028	VV	58114	1255892	20.89%	0.451%
253	12.046	12.028	12.072	VV	51218	1044199	17.37%	0.375%
254	12.097	12.072	12.133	VV	51217	1384299	23.02%	0.497%
255	12.145	12.133	12.151	VV	31217	334135	5.56%	0.120%
256	12.167	12.151	12.191	VV	32109	708943	11.79%	0.255%
257	12.222	12.191	12.236	VV	30579	770419	12.81%	0.277%
258	12.285	12.236	12.313	VV	259518	4412743	73.38%	1.586%
259	12.329	12.313	12.344	VV	35556	626662	10.42%	0.225%
260	12.361	12.344	12.380	VV	34839	708508	11.78%	0.255%
261	12.388	12.380	12.405	VV	31953	450019	7.48%	0.162%
262	12.411	12.405	12.429	VV	28595	400547	6.66%	0.144%
263	12.438	12.429	12.457	VV	26147	411377	6.84%	0.148%
264	12.483	12.457	12.497	VV	28290	591556	9.84%	0.213%
265	12.539	12.497	12.606	VV	120113	3247290	54.00%	1.167%
266	12.618	12.606	12.640	VV	34142	642757	10.69%	0.231%
267	12.664	12.640	12.681	VV	38351	797852	13.27%	0.287%
268	12.697	12.681	12.730	VV	45304	960282	15.97%	0.345%
269	12.750	12.730	12.805	VV	40001	1280651	21.30%	0.460%
270	12.811	12.805	12.816	VV	22099	148407	2.47%	0.053%
271	12.864	12.816	12.889	VV	30870	1124309	18.70%	0.404%
272	12.926	12.889	12.962	VV	216967	3349225	55.70%	1.203%
273	12.984	12.962	13.037	VV	55634	1444004	24.01%	0.519%
274	13.041	13.037	13.053	VV	19942	186007	3.09%	0.067%
275	13.073	13.053	13.094	VV	22024	484715	8.06%	0.174%
276	13.100	13.094	13.109	VV	17594	152822	2.54%	0.055%
277	13.117	13.109	13.132	VV	17585	225647	3.75%	0.081%
278	13.152	13.132	13.157	VV	18118	252254	4.19%	0.091%
279	13.180	13.157	13.234	VV	29692	1132103	18.83%	0.407%
280	13.249	13.234	13.263	VV	21624	329279	5.48%	0.118%
281	13.283	13.263	13.304	VV	46813	767762	12.77%	0.276%
282	13.320	13.304	13.333	VV	28976	435662	7.25%	0.157%
283	13.339	13.333	13.357	VV	24501	320847	5.34%	0.115%
284	13.373	13.357	13.393	VV	27689	468294	7.79%	0.168%
285	13.419	13.393	13.452	VV	25880	723294	12.03%	0.260%
286	13.472	13.452	13.513	VV	17520	537972	8.95%	0.193%
287	13.540	13.513	13.576	VV	149614	2206318	36.69%	0.793%
288	13.582	13.576	13.589	VV	18890	151046	2.51%	0.054%
289	13.612	13.589	13.638	VV	26954	612226	10.18%	0.220%
290	13.643	13.638	13.669	VV	15548	255424	4.25%	0.092%
291	13.673	13.669	13.690	VV	12317	146390	2.43%	0.053%
292	13.709	13.690	13.729	VV	14357	276191	4.59%	0.099%
293	13.769	13.729	13.796	VV	32877	821674	13.66%	0.295%
294	13.816	13.796	13.835	VV	17022	359488	5.98%	0.129%
295	13.850	13.835	13.864	VV	14326	229360	3.81%	0.082%
296	13.882	13.864	13.902	VV	16729	330756	5.50%	0.119%
297	13.921	13.902	13.946	VV	16988	342425	5.69%	0.123%
298	13.967	13.946	14.004	VV	19206	473960	7.88%	0.170%
299	14.027	14.004	14.098	VV	13847	617596	10.27%	0.222%

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300	14.128	14.098	14.171	VV	98078	1479140	24.60%	0.531%
301	14.189	14.171	14.237	VV	12715	378322	6.29%	0.136%
302	14.247	14.237	14.296	VV	8373	214038	3.56%	0.077%
303	14.354	14.296	14.384	VV	13256	435687	7.25%	0.157%
304	14.397	14.384	14.412	VV	8152	117183	1.95%	0.042%
305	14.424	14.412	14.445	VV	8255	125933	2.09%	0.045%
306	14.464	14.445	14.474	VV	6207	93657	1.56%	0.034%
307	14.491	14.474	14.506	VV	10290	148986	2.48%	0.054%
308	14.539	14.506	14.579	VV	12071	359777	5.98%	0.129%
309	14.611	14.579	14.667	VV	15385	386796	6.43%	0.139%
310	14.693	14.667	14.732	VV	55117	780709	12.98%	0.281%
311	14.749	14.732	14.774	VV	12791	224156	3.73%	0.081%
312	14.792	14.774	14.842	VV	8438	238177	3.96%	0.086%
313	14.856	14.842	14.877	VV	5940	87063	1.45%	0.031%
314	14.903	14.877	14.933	VV	6835	163221	2.71%	0.059%
315	14.938	14.933	14.959	VV	4613	62239	1.04%	0.022%
316	14.978	14.959	14.998	VV	5166	82264	1.37%	0.030%
317	15.031	14.998	15.068	VV	125711	1819161	30.25%	0.654%
318	15.090	15.068	15.111	VV	5512	95609	1.59%	0.034%
319	15.123	15.111	15.144	VV	3620	57395	0.95%	0.021%
320	15.168	15.144	15.189	VV	12354	173037	2.88%	0.062%
321	15.210	15.189	15.217	VV	12868	151920	2.53%	0.055%
322	15.235	15.217	15.259	VV	31791	435561	7.24%	0.157%
323	15.262	15.259	15.267	VV	2668	10828	0.18%	0.004%
324	15.283	15.267	15.295	VV	4058	49791	0.83%	0.018%
325	15.306	15.295	15.311	VV	3552	28845	0.48%	0.010%
326	15.327	15.311	15.347	VV	4380	71570	1.19%	0.026%
327	15.377	15.347	15.403	VV	3553	62963	1.05%	0.023%
328	15.429	15.403	15.448	VV	3185	49803	0.83%	0.018%
329	15.481	15.448	15.532	VV	3345	82856	1.38%	0.030%
330	15.555	15.532	15.577	VV	2586	47065	0.78%	0.017%
331	15.581	15.577	15.587	VV	1814	8613	0.14%	0.003%
332	15.618	15.587	15.701	VV	51726	987605	16.42%	0.355%
333	15.719	15.701	15.724	VV	1194	11750	0.20%	0.004%
334	15.757	15.724	15.799	VV	21385	338940	5.64%	0.122%
335	15.829	15.799	15.865	VV	7595	200307	3.33%	0.072%
336	15.885	15.865	15.911	VV	4893	77362	1.29%	0.028%
337	15.936	15.911	15.959	PV	2716	47196	0.78%	0.017%
338	15.968	15.959	15.972	VV	2611	17310	0.29%	0.006%
339	16.012	15.972	16.039	VV	5175	122497	2.04%	0.044%
340	16.074	16.039	16.084	VV	3021	59465	0.99%	0.021%
341	16.086	16.084	16.116	VV	2954	29784	0.50%	0.011%
342	16.144	16.116	16.157	VV	4744	75149	1.25%	0.027%
343	16.164	16.157	16.197	VV	3397	65074	1.08%	0.023%
344	16.202	16.197	16.210	VV	3063	19002	0.32%	0.007%
345	16.226	16.210	16.234	VV	3388	40189	0.67%	0.014%
346	16.261	16.234	16.305	VV	18041	326509	5.43%	0.117%
347	16.317	16.305	16.330	VV	3210	37043	0.62%	0.013%
348	16.351	16.330	16.355	VV	1755	24217	0.40%	0.009%
349	16.361	16.355	16.367	VV	1982	10055	0.17%	0.004%
350	16.383	16.367	16.392	VV	1906	22810	0.38%	0.008%
351	16.397	16.392	16.407	VV	1131	5560	0.09%	0.002%

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352	16.443	16.407	16.469	PV	5590	117748	1.96%	0.042%
353	16.474	16.469	16.484	VV	2454	20130	0.33%	0.007%
354	16.490	16.484	16.497	VV	2343	15626	0.26%	0.006%
355	16.526	16.497	16.531	VV	2749	40889	0.68%	0.015%
356	16.549	16.531	16.584	VV	4483	107822	1.79%	0.039%
357	16.596	16.584	16.600	VV	3090	23425	0.39%	0.008%
358	16.605	16.600	16.612	VV	3406	19731	0.33%	0.007%
359	16.643	16.612	16.687	VV	11764	260261	4.33%	0.094%
360	16.705	16.687	16.709	VV	5251	47710	0.79%	0.017%
361	16.740	16.709	16.784	VV	27665	544796	9.06%	0.196%
362	16.789	16.784	16.796	VV	3610	15323	0.25%	0.006%
363	16.801	16.796	16.804	VV	2266	9257	0.15%	0.003%
364	16.829	16.804	16.847	VV	5520	102685	1.71%	0.037%
365	16.867	16.847	16.896	VV	6493	131117	2.18%	0.047%
366	16.907	16.896	16.927	VV	5029	85232	1.42%	0.031%
367	16.956	16.927	16.979	VV	5907	125443	2.09%	0.045%
368	16.984	16.979	16.989	VV	2461	11443	0.19%	0.004%
369	16.995	16.989	17.002	VV	2936	19551	0.33%	0.007%
370	17.025	17.002	17.031	VV	5477	70099	1.17%	0.025%
371	17.057	17.031	17.072	VV	11416	185538	3.09%	0.067%
372	17.077	17.072	17.086	VV	4834	31291	0.52%	0.011%
373	17.114	17.086	17.147	VV	11769	230310	3.83%	0.083%
374	17.213	17.147	17.247	VV	22179	533618	8.87%	0.192%
375	17.263	17.247	17.277	VV	8875	132357	2.20%	0.048%
376	17.292	17.277	17.314	VV	8097	130501	2.17%	0.047%
377	17.328	17.314	17.334	VV	4770	49344	0.82%	0.018%
378	17.451	17.334	17.476	VV	8322	489724	8.14%	0.176%
379	17.523	17.476	17.528	VV	9913	214898	3.57%	0.077%
380	17.531	17.528	17.566	VV	9796	174809	2.91%	0.063%
381	17.590	17.566	17.616	VV	13703	319863	5.32%	0.115%
382	17.621	17.616	17.637	VV	11653	128029	2.13%	0.046%
383	17.662	17.637	17.692	VV	22695	445990	7.42%	0.160%
384	17.701	17.692	17.722	VV	8786	134828	2.24%	0.048%
385	17.735	17.722	17.753	VV	9397	150594	2.50%	0.054%
386	17.774	17.753	17.810	VV	13304	326392	5.43%	0.117%
387	17.831	17.810	17.859	VV	10733	253929	4.22%	0.091%
388	17.866	17.859	17.887	VV	7004	107977	1.80%	0.039%
389	17.901	17.887	17.907	VV	7682	79655	1.32%	0.029%
390	17.911	17.907	17.916	VV	7553	35637	0.59%	0.013%
391	17.932	17.916	17.940	VV	8441	103770	1.73%	0.037%
392	17.947	17.940	17.971	VV	9490	136480	2.27%	0.049%
393	18.002	17.971	18.025	VV	11484	298525	4.96%	0.107%
394	18.056	18.025	18.067	VV	12910	284220	4.73%	0.102%
395	18.100	18.067	18.130	VV	29776	658878	10.96%	0.237%
396	18.150	18.130	18.164	VV	13317	214541	3.57%	0.077%
397	18.169	18.164	18.174	VV	9339	51424	0.86%	0.018%
398	18.190	18.174	18.211	VV	15409	269224	4.48%	0.097%
399	18.246	18.211	18.303	VV	26173	866736	14.41%	0.311%
400	18.307	18.303	18.325	VV	11046	152360	2.53%	0.055%
401	18.332	18.325	18.339	VV	12723	102869	1.71%	0.037%
402	18.344	18.339	18.380	VV	11537	248063	4.13%	0.089%
403	18.397	18.380	18.407	VV	12011	184848	3.07%	0.066%
404	18.424	18.407	18.441	VV	15883	279551	4.65%	0.100%

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405	18.465	18.441	18.507	VV	38266	1032631	17.17%	0.371%
406	18.529	18.507	18.557	VV	29633	610573	10.15%	0.219%
407	18.565	18.557	18.572	VV	13143	115848	1.93%	0.042%
408	18.615	18.572	18.636	VV	26052	684855	11.39%	0.246%
409	18.653	18.636	18.676	VV	17366	374634	6.23%	0.135%
410	18.683	18.676	18.688	VV	14939	110044	1.83%	0.040%
411	18.693	18.688	18.701	VV	14477	107692	1.79%	0.039%
412	18.705	18.701	18.712	VV	13056	77103	1.28%	0.028%
413	18.747	18.712	18.755	VV	19981	413852	6.88%	0.149%
414	18.759	18.755	18.778	VV	17854	212849	3.54%	0.076%
415	18.783	18.778	18.787	VV	15301	84738	1.41%	0.030%
416	18.789	18.787	18.793	VV	15876	50655	0.84%	0.018%
417	18.796	18.793	18.799	VV	14988	50642	0.84%	0.018%
418	18.803	18.799	18.809	VV	14851	83029	1.38%	0.030%
419	18.821	18.809	18.842	VV	15887	286543	4.77%	0.103%
420	18.847	18.842	18.865	VV	14484	185565	3.09%	0.067%
421	18.936	18.865	18.977	VV	33668	1301044	21.64%	0.468%
422	18.981	18.977	18.984	VV	14133	52731	0.88%	0.019%
423	19.002	18.984	19.012	VV	16874	257100	4.28%	0.092%
424	19.042	19.012	19.067	VV	27339	707311	11.76%	0.254%
425	19.089	19.067	19.094	VV	27444	375971	6.25%	0.135%
426	19.097	19.094	19.116	VV	24203	285437	4.75%	0.103%
427	19.120	19.116	19.129	VV	19534	146857	2.44%	0.053%
428	19.133	19.129	19.159	VV	18497	314598	5.23%	0.113%
429	19.206	19.159	19.211	VV	21166	604532	10.05%	0.217%
430	19.216	19.211	19.224	VV	21350	164355	2.73%	0.059%
431	19.230	19.224	19.245	VV	21732	243644	4.05%	0.088%
432	19.264	19.245	19.270	VV	20236	290704	4.83%	0.104%
433	19.303	19.270	19.317	VV	37738	858717	14.28%	0.309%
434	19.339	19.317	19.359	VV	38659	841024	13.99%	0.302%
435	19.370	19.359	19.397	VV	29508	588562	9.79%	0.211%
436	19.406	19.397	19.411	VV	22541	180357	3.00%	0.065%
437	19.444	19.411	19.491	VV	29992	1180010	19.62%	0.424%
438	19.496	19.491	19.499	VV	22556	101774	1.69%	0.037%
439	19.515	19.499	19.521	VV	26454	307610	5.12%	0.111%
440	19.534	19.521	19.549	VV	25143	394885	6.57%	0.142%
441	19.618	19.549	19.627	VV	27803	1121809	18.66%	0.403%
442	19.633	19.627	19.639	VV	27123	180585	3.00%	0.065%
443	19.644	19.639	19.656	VV	26690	252849	4.20%	0.091%
444	19.661	19.656	19.668	VV	24542	174961	2.91%	0.063%
445	19.678	19.668	19.686	VV	26544	262146	4.36%	0.094%
446	19.726	19.686	19.807	VV	38640	2195565	36.51%	0.789%
447	19.839	19.807	19.869	VV	36184	1177727	19.59%	0.423%
448	19.874	19.869	19.877	VV	30547	150004	2.49%	0.054%
449	19.893	19.877	19.913	VV	34270	669286	11.13%	0.240%
450	19.927	19.913	19.949	VV	32465	675087	11.23%	0.243%
451	19.953	19.949	19.959	VV	31680	184610	3.07%	0.066%
452	19.987	19.959	19.999	VV	34819	757409	12.60%	0.272%
453	20.004	19.999	20.016	VV	33803	337608	5.61%	0.121%
454	20.020	20.016	20.034	VV	33120	346369	5.76%	0.124%
455	20.043	20.034	20.047	VV	32504	230956	3.84%	0.083%
456	20.097	20.047	20.121	VV	48105	1796434	29.87%	0.646%

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457	20.128	20.121	20.133	VV	38811	272561	4.53%	0.098%
458	20.145	20.133	20.181	VV	41285	1076275	17.90%	0.387%
459	20.186	20.181	20.189	VV	33115	163658	2.72%	0.059%
460	20.200	20.189	20.219	VV	37086	600341	9.98%	0.216%
461	20.229	20.219	20.243	VV	37711	523598	8.71%	0.188%
462	20.262	20.243	20.276	VV	41272	743274	12.36%	0.267%
463	20.283	20.276	20.287	VV	40299	271596	4.52%	0.098%
464	20.293	20.287	20.311	VV	40160	551702	9.17%	0.198%
465	20.368	20.311	20.376	VV	47476	1622285	26.98%	0.583%
466	20.379	20.376	20.391	VV	46399	385464	6.41%	0.139%
467	20.396	20.391	20.402	VV	42271	280591	4.67%	0.101%
468	20.431	20.402	20.441	VV	42933	946787	15.75%	0.340%
469	20.443	20.441	20.446	VV	42946	123570	2.05%	0.044%
470	20.463	20.446	20.469	VV	51162	661767	11.01%	0.238%
471	20.471	20.469	20.485	VV	52744	453938	7.55%	0.163%
472	20.490	20.485	20.500	VV	43422	378382	6.29%	0.136%
473	20.507	20.500	20.514	VV	43524	364340	6.06%	0.131%
474	20.532	20.514	20.561	VV	48028	1228421	20.43%	0.441%
475	20.576	20.561	20.592	VV	45770	843080	14.02%	0.303%
476	20.606	20.592	20.616	VV	47532	667809	11.11%	0.240%
477	20.626	20.616	20.633	VV	48412	473313	7.87%	0.170%
478	20.642	20.633	20.665	VV	49744	926880	15.41%	0.333%
479	20.679	20.665	20.699	VV	50636	976898	16.25%	0.351%
480	20.723	20.699	20.728	VV	47897	809465	13.46%	0.291%
481	20.742	20.728	20.757	VV	48217	819038	13.62%	0.294%
482	20.764	20.757	20.775	VV	44832	470508	7.82%	0.169%
483	20.779	20.775	20.789	VV	44900	356025	5.92%	0.128%
484	20.794	20.789	20.800	VV	45627	306138	5.09%	0.110%
485	20.823	20.800	20.847	VV	53330	1407151	23.40%	0.506%
486	20.858	20.847	20.873	VV	47777	703647	11.70%	0.253%
487	20.877	20.873	20.901	VV	47265	741786	12.34%	0.267%
488	20.945	20.901	20.951	VV	46681	1315470	21.88%	0.473%
489	20.957	20.951	20.963	VV	47230	319865	5.32%	0.115%
490	20.967	20.963	20.987	VV	44182	630275	10.48%	0.226%
491	20.991	20.987	21.006	VV	42518	467708	7.78%	0.168%
492	21.012	21.006	21.015	VV	39619	209803	3.49%	0.075%
493	21.023	21.015	21.045	VV	42628	723878	12.04%	0.260%
494	21.050	21.045	21.058	VV	40718	319433	5.31%	0.115%
495	21.065	21.058	21.079	VV	40854	484378	8.06%	0.174%
496	21.084	21.079	21.090	VV	39968	268395	4.46%	0.096%
497	21.096	21.090	21.099	VV	40983	210584	3.50%	0.076%
498	21.102	21.099	21.112	VV	41205	303685	5.05%	0.109%
499	21.127	21.112	21.144	VV	38186	707884	11.77%	0.254%
500	21.149	21.144	21.156	VV	36426	238809	3.97%	0.086%
501	21.215	21.156	21.257	VV	44516	2273568	37.81%	0.817%
502	21.267	21.257	21.281	VV	33994	460793	7.66%	0.166%
503	21.288	21.281	21.335	VV	33229	1019008	16.95%	0.366%
504	21.345	21.335	21.354	VV	33703	360286	5.99%	0.129%
505	21.360	21.354	21.371	VV	32520	311888	5.19%	0.112%
506	21.381	21.371	21.393	VV	30839	385492	6.41%	0.139%
507	21.399	21.393	21.411	VV	31295	319400	5.31%	0.115%
508	21.416	21.411	21.452	VV	30353	690866	11.49%	0.248%
509	21.459	21.452	21.464	VV	30517	200373	3.33%	0.072%

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510	21.473	21.464	21.502	VV	28006	599778	9.97%	0.216%
511	21.507	21.502	21.525	VV	27568	352342	5.86%	0.127%
512	21.532	21.525	21.544	VV	29744	290437	4.83%	0.104%
513	21.550	21.544	21.557	VV	26177	194418	3.23%	0.070%
514	21.563	21.557	21.579	VV	26935	296589	4.93%	0.107%
515	21.585	21.579	21.600	VV	25016	296197	4.93%	0.106%
516	21.610	21.600	21.629	VV	25585	376123	6.25%	0.135%
517	21.653	21.629	21.676	VV	28568	709995	11.81%	0.255%
518	21.682	21.676	21.694	VV	22418	213367	3.55%	0.077%
519	21.710	21.694	21.726	VV	21516	367736	6.12%	0.132%
520	21.729	21.726	21.742	VV	19323	166704	2.77%	0.060%
521	21.749	21.742	21.756	VV	17045	133868	2.23%	0.048%
522	21.776	21.756	21.794	VV	20232	414378	6.89%	0.149%
523	21.800	21.794	21.838	VV	18959	397592	6.61%	0.143%
524	21.859	21.838	21.874	VV	17026	331245	5.51%	0.119%
525	21.877	21.874	21.902	VV	16572	233911	3.89%	0.084%
526	21.917	21.902	21.921	VV	14930	154852	2.58%	0.056%
527	21.924	21.921	21.936	VV	13386	106778	1.78%	0.038%
528	21.941	21.936	21.948	VV	11692	76490	1.27%	0.027%
529	21.954	21.948	21.993	VV	13136	275285	4.58%	0.099%
530	21.999	21.993	22.011	VV	9614	98651	1.64%	0.035%
531	22.016	22.011	22.019	VV	10092	47512	0.79%	0.017%
532	22.022	22.019	22.036	VV	9958	87056	1.45%	0.031%
533	22.042	22.036	22.067	VV	10538	155887	2.59%	0.056%
534	22.072	22.067	22.081	VV	8564	59372	0.99%	0.021%
535	22.088	22.081	22.107	VV	9033	110164	1.83%	0.040%
536	22.145	22.107	22.177	VV	14089	399309	6.64%	0.143%
537	22.182	22.177	22.199	VV	5610	58557	0.97%	0.021%
538	22.204	22.199	22.219	VV	4768	41425	0.69%	0.015%
539	22.226	22.219	22.235	VV	4751	33791	0.56%	0.012%
540	22.239	22.235	22.247	VV	3276	19141	0.32%	0.007%
541	22.261	22.247	22.282	PV	3680	40485	0.67%	0.015%
					Sum of corrected areas:	278297997		

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