

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032525\
 Data File : FG015548.D
 Signal(s) : FID1A.ch
 Acq On : 25 Mar 2025 13:47
 Sample : Q1626-01MSD
 Misc :
 ALS Vial : 25 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	1.825	1.800	1.852	BV	764	10034	0.05%	0.001%
2	1.879	1.852	1.905	PV	904	11640	0.05%	0.001%
3	1.929	1.905	1.959	PV	2881	33843	0.16%	0.004%
4	1.989	1.959	2.057	VV	135715	1760317	8.13%	0.220%
5	2.089	2.057	2.138	VV	1374	19811	0.09%	0.002%
6	2.157	2.138	2.168	PV	1011	11111	0.05%	0.001%
7	2.178	2.168	2.189	VV	853	8303	0.04%	0.001%
8	2.222	2.189	2.249	VV	2852	52971	0.24%	0.007%
9	2.273	2.249	2.312	VV	9516	132162	0.61%	0.016%
10	2.352	2.312	2.379	VV	15499	267969	1.24%	0.033%
11	2.401	2.379	2.419	VV	23215	283112	1.31%	0.035%
12	2.432	2.419	2.470	VV	12126	203153	0.94%	0.025%
13	2.481	2.470	2.526	VV	3118	53133	0.25%	0.007%
14	2.587	2.526	2.621	PV	15005	288409	1.33%	0.036%
15	2.636	2.621	2.657	VV	933	11744	0.05%	0.001%
16	2.691	2.657	2.740	PV	21855	335161	1.55%	0.042%
17	2.755	2.740	2.774	VV	2936	37606	0.17%	0.005%
18	2.796	2.774	2.849	VV	9193	172963	0.80%	0.022%
19	2.872	2.849	2.879	VV	9548	97890	0.45%	0.012%
20	2.893	2.879	2.932	VV	15204	264689	1.22%	0.033%
21	2.949	2.932	2.983	VV	9207	157152	0.73%	0.020%
22	2.995	2.983	3.008	VV	2840	36658	0.17%	0.005%
23	3.036	3.008	3.054	VV	17003	267270	1.23%	0.033%
24	3.064	3.054	3.098	VV	8884	128615	0.59%	0.016%
25	3.123	3.098	3.164	VV	1659	41732	0.19%	0.005%
26	3.184	3.164	3.200	VV	1555	21529	0.10%	0.003%
27	3.217	3.200	3.230	VV	2530	33889	0.16%	0.004%
28	3.274	3.230	3.300	VV	15895	366077	1.69%	0.046%
29	3.305	3.300	3.352	VV	2836	36927	0.17%	0.005%
30	3.376	3.352	3.384	PV	1205	13050	0.06%	0.002%
31	3.403	3.384	3.420	VV	7547	96393	0.45%	0.012%
32	3.432	3.420	3.455	VV	6607	82900	0.38%	0.010%
33	3.474	3.455	3.486	VV	5462	71303	0.33%	0.009%
34	3.504	3.486	3.531	VV	9133	139762	0.65%	0.017%
35	3.542	3.531	3.555	VV	2876	32434	0.15%	0.004%
36	3.575	3.555	3.638	VV	14055	297151	1.37%	0.037%

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37	3.658	3.638	3.677	VV	6612	108922	0.50%	0.014%
38	3.683	3.677	3.689	VV	3279	22113	0.10%	0.003%
39	3.709	3.689	3.758	VV	24939	414287	1.91%	0.052%
40	3.794	3.758	3.829	VV	14138	261820	1.21%	0.033%
41	3.850	3.829	3.866	VV	5577	82367	0.38%	0.010%
42	3.873	3.866	3.881	VV	2857	23858	0.11%	0.003%
43	3.898	3.881	3.929	VV	10110	121780	0.56%	0.015%
44	3.957	3.929	3.978	VV	9621	172252	0.80%	0.021%
45	3.983	3.978	4.011	VV	5321	60834	0.28%	0.008%
46	4.037	4.011	4.044	VV	4975	55586	0.26%	0.007%
47	4.060	4.044	4.068	VV	10582	115534	0.53%	0.014%
48	4.078	4.068	4.084	VV	11587	109736	0.51%	0.014%
49	4.090	4.084	4.111	VV	11473	140275	0.65%	0.018%
50	4.130	4.111	4.144	VV	7775	130425	0.60%	0.016%
51	4.163	4.144	4.194	VV	32292	424384	1.96%	0.053%
52	4.245	4.194	4.256	VV	9626	176289	0.81%	0.022%
53	4.260	4.256	4.275	VV	7763	73413	0.34%	0.009%
54	4.292	4.275	4.316	VV	9305	142711	0.66%	0.018%
55	4.332	4.316	4.351	VV	4668	75900	0.35%	0.009%
56	4.353	4.351	4.376	VV	2643	26077	0.12%	0.003%
57	4.415	4.376	4.442	VV	4612	94480	0.44%	0.012%
58	4.462	4.442	4.490	VV	4557	83951	0.39%	0.010%
59	4.524	4.490	4.550	VV	229951	2478615	11.44%	0.309%
60	4.561	4.550	4.579	VV	6364	77114	0.36%	0.010%
61	4.598	4.579	4.618	VV	5113	80606	0.37%	0.010%
62	4.634	4.618	4.664	VV	3841	66497	0.31%	0.008%
63	4.696	4.664	4.720	VV	4962	124615	0.58%	0.016%
64	4.738	4.720	4.744	VV	6184	72087	0.33%	0.009%
65	4.753	4.744	4.770	VV	7060	95834	0.44%	0.012%
66	4.775	4.770	4.791	VV	5021	51875	0.24%	0.006%
67	4.810	4.791	4.823	VV	15570	177120	0.82%	0.022%
68	4.832	4.823	4.851	VV	8757	99254	0.46%	0.012%
69	4.869	4.851	4.876	VV	4753	60047	0.28%	0.007%
70	4.889	4.876	4.903	VV	5749	77546	0.36%	0.010%
71	4.918	4.903	4.927	VV	4433	57738	0.27%	0.007%
72	4.944	4.927	4.958	VV	7831	107329	0.50%	0.013%
73	4.989	4.958	5.011	VV	8617	179941	0.83%	0.022%
74	5.033	5.011	5.074	VV	11127	200190	0.92%	0.025%
75	5.107	5.074	5.127	VV	5040	101339	0.47%	0.013%
76	5.143	5.127	5.164	VV	3742	65206	0.30%	0.008%
77	5.171	5.164	5.186	VV	2791	34845	0.16%	0.004%
78	5.206	5.186	5.219	VV	6583	86997	0.40%	0.011%
79	5.239	5.219	5.263	VV	8198	142015	0.66%	0.018%
80	5.281	5.263	5.297	VV	9569	121461	0.56%	0.015%
81	5.314	5.297	5.332	VV	6424	96975	0.45%	0.012%
82	5.349	5.332	5.388	VV	8198	136074	0.63%	0.017%
83	5.412	5.388	5.427	VV	2030	37092	0.17%	0.005%
84	5.446	5.427	5.457	VV	3632	48797	0.23%	0.006%
85	5.473	5.457	5.496	VV	6737	98678	0.46%	0.012%
86	5.522	5.496	5.534	VV	6073	108164	0.50%	0.013%
87	5.545	5.534	5.561	VV	5863	72329	0.33%	0.009%
88	5.570	5.561	5.587	VV	3253	44479	0.21%	0.006%
89	5.605	5.587	5.625	VV	5082	78010	0.36%	0.010%

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90	5.633	5.625	5.646	VV	1977	21742	0.10%	0.003%
91	5.669	5.646	5.691	VV	37506	431878	1.99%	0.054%
92	5.705	5.691	5.734	VV	8597	135278	0.62%	0.017%
93	5.744	5.734	5.768	VV	2420	36622	0.17%	0.005%
94	5.784	5.768	5.811	VV	1901	38895	0.18%	0.005%
95	5.828	5.811	5.835	VV	2376	26332	0.12%	0.003%
96	5.854	5.835	5.887	VV	3926	91351	0.42%	0.011%
97	5.896	5.887	5.918	VV	1986	29265	0.14%	0.004%
98	5.935	5.918	5.949	VV	2979	43825	0.20%	0.005%
99	5.964	5.949	5.968	VV	4937	47683	0.22%	0.006%
100	5.981	5.968	6.004	VV	5814	92252	0.43%	0.012%
101	6.018	6.004	6.031	VV	3073	40387	0.19%	0.005%
102	6.034	6.031	6.046	VV	2267	18603	0.09%	0.002%
103	6.058	6.046	6.074	VV	3533	39886	0.18%	0.005%
104	6.104	6.074	6.129	VV	2167	53295	0.25%	0.007%
105	6.150	6.129	6.168	VV	3007	45439	0.21%	0.006%
106	6.203	6.168	6.219	VV	4115	81932	0.38%	0.010%
107	6.240	6.219	6.279	VV	82321	908133	4.19%	0.113%
108	6.291	6.279	6.329	VV	5039	97681	0.45%	0.012%
109	6.348	6.329	6.367	VV	2732	45420	0.21%	0.006%
110	6.390	6.367	6.403	VV	2450	41658	0.19%	0.005%
111	6.416	6.403	6.435	VV	3090	47470	0.22%	0.006%
112	6.444	6.435	6.459	VV	1990	22532	0.10%	0.003%
113	6.472	6.459	6.486	VV	1518	20667	0.10%	0.003%
114	6.493	6.486	6.512	VV	1613	20019	0.09%	0.002%
115	6.544	6.512	6.568	VV	3484	63432	0.29%	0.008%
116	6.595	6.568	6.608	VV	1507	28800	0.13%	0.004%
117	6.625	6.608	6.635	VV	1498	20870	0.10%	0.003%
118	6.652	6.635	6.678	VV	2227	35207	0.16%	0.004%
119	6.707	6.678	6.759	VV	220831	2246329	10.37%	0.280%
120	6.788	6.759	6.810	VV	5856	82010	0.38%	0.010%
121	6.817	6.810	6.841	VV	1619	25934	0.12%	0.003%
122	6.860	6.841	6.883	VV	3481	50430	0.23%	0.006%
123	6.903	6.883	6.944	VV	1106	28391	0.13%	0.004%
124	6.960	6.944	6.975	VV	514	6786	0.03%	0.001%
125	6.989	6.975	7.006	VV	1245	12409	0.06%	0.002%
126	7.033	7.006	7.086	PV	1835	42076	0.19%	0.005%
127	7.114	7.086	7.139	VV	2452	39316	0.18%	0.005%
128	7.145	7.139	7.171	VV	887	12707	0.06%	0.002%
129	7.207	7.171	7.215	VV	6687	76123	0.35%	0.009%
130	7.243	7.215	7.267	VV	10591	264958	1.22%	0.033%
131	7.274	7.267	7.312	VV	7961	174147	0.80%	0.022%
132	7.341	7.312	7.414	VV	132648	1586868	7.33%	0.198%
133	7.433	7.414	7.456	VV	5160	86412	0.40%	0.011%
134	7.479	7.456	7.512	VV	74883	793881	3.67%	0.099%
135	7.525	7.512	7.593	VV	2800	69745	0.32%	0.009%
136	7.614	7.593	7.619	VV	1043	13860	0.06%	0.002%
137	7.631	7.619	7.638	VV	1195	12019	0.06%	0.001%
138	7.657	7.638	7.674	VV	5816	71450	0.33%	0.009%
139	7.687	7.674	7.707	VV	2945	44507	0.21%	0.006%
140	7.721	7.707	7.760	VV	1856	36762	0.17%	0.005%
141	7.783	7.760	7.805	VV	954	18215	0.08%	0.002%

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142	7.812	7.805	7.818	VV	617	3725	0.02%	0.000%
143	7.837	7.818	7.861	VV	1674	26901	0.12%	0.003%
144	7.887	7.861	7.896	VV	648	9710	0.04%	0.001%
145	7.904	7.896	7.921	VV	569	5848	0.03%	0.001%
146	7.945	7.921	7.962	VV	1597	18302	0.08%	0.002%
147	7.999	7.962	8.019	PV	716	10974	0.05%	0.001%
148	8.032	8.019	8.045	VV	391	4642	0.02%	0.001%
149	8.085	8.045	8.171	VV	44811	567485	2.62%	0.071%
150	8.187	8.171	8.207	VV	1342	18435	0.09%	0.002%
151	8.243	8.207	8.279	VV	17368	258062	1.19%	0.032%
152	8.299	8.279	8.322	VV	9272	124353	0.57%	0.016%
153	8.343	8.322	8.350	VV	18590	188061	0.87%	0.023%
154	8.357	8.350	8.403	VV	19281	229643	1.06%	0.029%
155	8.463	8.403	8.478	VV	36543	450421	2.08%	0.056%
156	8.491	8.478	8.510	VV	22233	247828	1.14%	0.031%
157	8.544	8.510	8.588	VV	208309	2293236	10.59%	0.286%
158	8.649	8.588	8.689	VV	36272	702381	3.24%	0.088%
159	8.699	8.689	8.720	VV	4392	59437	0.27%	0.007%
160	8.740	8.720	8.776	VV	8079	107545	0.50%	0.013%
161	8.791	8.776	8.815	VV	1900	27709	0.13%	0.003%
162	8.825	8.815	8.844	VV	798	9349	0.04%	0.001%
163	8.873	8.844	8.881	PV	693	10156	0.05%	0.001%
164	8.903	8.881	8.922	VV	11741	147578	0.68%	0.018%
165	8.950	8.922	8.979	VV	376202	3738140	17.26%	0.466%
166	8.996	8.979	9.046	VV	19755	301764	1.39%	0.038%
167	9.066	9.046	9.085	VV	9975	141917	0.66%	0.018%
168	9.095	9.085	9.121	VV	4773	78817	0.36%	0.010%
169	9.136	9.121	9.152	VV	2523	39615	0.18%	0.005%
170	9.193	9.152	9.205	VV	26354	327113	1.51%	0.041%
171	9.225	9.205	9.257	VV	167016	1819715	8.40%	0.227%
172	9.263	9.257	9.278	VV	4344	47427	0.22%	0.006%
173	9.291	9.278	9.306	VV	5292	71373	0.33%	0.009%
174	9.318	9.306	9.345	VV	4127	61111	0.28%	0.008%
175	9.368	9.345	9.388	VV	11341	170116	0.79%	0.021%
176	9.404	9.388	9.448	VV	10739	165844	0.77%	0.021%
177	9.462	9.448	9.487	VV	1720	20879	0.10%	0.003%
178	9.521	9.487	9.537	PV	8382	100982	0.47%	0.013%
179	9.553	9.537	9.590	VV	9365	143042	0.66%	0.018%
180	9.605	9.590	9.622	VV	3540	46608	0.22%	0.006%
181	9.659	9.622	9.684	VV	10025	161757	0.75%	0.020%
182	9.707	9.684	9.717	VV	7761	97956	0.45%	0.012%
183	9.742	9.717	9.795	VV	257839	2915470	13.46%	0.364%
184	9.819	9.795	9.838	VV	18109	260885	1.20%	0.033%
185	9.844	9.838	9.850	VV	7421	54379	0.25%	0.007%
186	9.862	9.850	9.874	VV	12595	139163	0.64%	0.017%
187	9.894	9.874	9.912	VV	38406	477815	2.21%	0.060%
188	9.920	9.912	9.935	VV	10991	116994	0.54%	0.015%
189	9.955	9.935	9.995	VV	25136	362293	1.67%	0.045%
190	10.022	9.995	10.046	VV	76252	853526	3.94%	0.106%
191	10.066	10.046	10.089	VV	34547	412318	1.90%	0.051%
192	10.112	10.089	10.132	VV	25832	357131	1.65%	0.045%
193	10.159	10.132	10.214	VV	239802	3054859	14.11%	0.381%
194	10.229	10.214	10.247	VV	7457	95558	0.44%	0.012%

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195	10.261	10.247	10.293	VV	4286	62170	0.29%	0.008%
196	10.339	10.293	10.380	PV	3667	84673	0.39%	0.011%
197	10.383	10.380	10.390	VV	510	2716	0.01%	0.000%
198	10.395	10.390	10.411	VV	734	5297	0.02%	0.001%
199	10.432	10.411	10.456	PV	13828	156834	0.72%	0.020%
200	10.466	10.456	10.475	VV	2120	21422	0.10%	0.003%
201	10.495	10.475	10.525	VV	7338	114552	0.53%	0.014%
202	10.545	10.525	10.570	VV	8843	123580	0.57%	0.015%
203	10.603	10.570	10.610	VV	8648	131128	0.61%	0.016%
204	10.631	10.610	10.655	VV	32831	467985	2.16%	0.058%
205	10.670	10.655	10.710	VV	15797	210037	0.97%	0.026%
206	10.748	10.710	10.764	PV	19843	282748	1.31%	0.035%
207	10.770	10.764	10.786	VV	11139	107033	0.49%	0.013%
208	10.805	10.786	10.842	VV	20002	349556	1.61%	0.044%
209	10.862	10.842	10.872	VV	5347	74097	0.34%	0.009%
210	10.922	10.872	10.929	VV	16744	309425	1.43%	0.039%
211	10.955	10.929	10.975	VV	75751	1151101	5.31%	0.144%
212	10.980	10.975	11.000	VV	22881	211364	0.98%	0.026%
213	11.025	11.000	11.038	VV	5031	80377	0.37%	0.010%
214	11.076	11.038	11.107	VV	22962	475180	2.19%	0.059%
215	11.125	11.107	11.131	VV	15537	156746	0.72%	0.020%
216	11.171	11.131	11.208	VV	1378538	18032519	83.26%	2.250%
217	11.237	11.208	11.255	VV	469517	5048954	23.31%	0.630%
218	11.266	11.255	11.289	VV	42931	514357	2.37%	0.064%
219	11.305	11.289	11.321	VV	11152	180093	0.83%	0.022%
220	11.327	11.321	11.357	VV	6644	88690	0.41%	0.011%
221	11.373	11.357	11.390	VV	3003	34936	0.16%	0.004%
222	11.407	11.390	11.427	VV	30017	348786	1.61%	0.044%
223	11.451	11.427	11.490	VV	196246	2164686	10.00%	0.270%
224	11.521	11.490	11.530	PV	3792	61202	0.28%	0.008%
225	11.559	11.530	11.577	VV	10290	189438	0.87%	0.024%
226	11.608	11.577	11.645	VV	210377	2601830	12.01%	0.325%
227	11.686	11.645	11.720	VV	28848	691090	3.19%	0.086%
228	11.757	11.720	11.784	VV	10156	185992	0.86%	0.023%
229	11.809	11.784	11.835	VV	14680	189062	0.87%	0.024%
230	11.882	11.835	11.900	PV	9103	192506	0.89%	0.024%
231	11.917	11.900	11.937	VV	8263	98635	0.46%	0.012%
232	11.963	11.937	11.978	VV	104185	1208439	5.58%	0.151%
233	11.995	11.978	12.038	VV	137848	1781060	8.22%	0.222%
234	12.079	12.038	12.098	VV	200704	2946886	13.61%	0.368%
235	12.113	12.098	12.127	VV	62285	737294	3.40%	0.092%
236	12.143	12.127	12.177	VV	97643	1181972	5.46%	0.147%
237	12.193	12.177	12.208	VV	9865	100054	0.46%	0.012%
238	12.229	12.208	12.252	VV	23628	347577	1.60%	0.043%
239	12.257	12.252	12.261	VV	6423	32644	0.15%	0.004%
240	12.285	12.261	12.311	VV	17296	314509	1.45%	0.039%
241	12.331	12.311	12.350	VV	28760	377909	1.74%	0.047%
242	12.373	12.350	12.410	VV	73637	1026034	4.74%	0.128%
243	12.435	12.410	12.460	VV	83845	1052468	4.86%	0.131%
244	12.465	12.460	12.477	VV	8567	63963	0.30%	0.008%
245	12.497	12.477	12.512	VV	9111	136434	0.63%	0.017%
246	12.554	12.512	12.575	VV	165548	2562580	11.83%	0.320%

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247	12.585	12.575	12.604	VV	16340	189849	0.88%	0.024%
248	12.641	12.604	12.660	VV	10002	246145	1.14%	0.031%
249	12.681	12.660	12.697	VV	19375	292070	1.35%	0.036%
250	12.709	12.697	12.735	VV	16159	222419	1.03%	0.028%
251	12.758	12.735	12.768	VV	20956	256448	1.18%	0.032%
252	12.778	12.768	12.801	VV	18074	199022	0.92%	0.025%
253	12.833	12.801	12.850	PV	24405	402554	1.86%	0.050%
254	12.871	12.850	12.894	VV	51677	816958	3.77%	0.102%
255	12.928	12.894	12.960	VV	215317	3104377	14.33%	0.387%
256	13.009	12.960	13.033	VV	1441683	21657652	100.00%	2.702%
257	13.057	13.033	13.075	VV	27977	418558	1.93%	0.052%
258	13.083	13.075	13.109	VV	7887	125896	0.58%	0.016%
259	13.126	13.109	13.137	VV	18165	222714	1.03%	0.028%
260	13.174	13.137	13.194	VV	69401	1168402	5.39%	0.146%
261	13.209	13.194	13.260	VV	27255	658021	3.04%	0.082%
262	13.307	13.260	13.327	VV	1201421	17040539	78.68%	2.126%
263	13.347	13.327	13.363	VV	193024	2345099	10.83%	0.293%
264	13.379	13.363	13.430	VV	154485	2332211	10.77%	0.291%
265	13.464	13.430	13.477	VV	51855	726692	3.36%	0.091%
266	13.497	13.477	13.524	VV	93856	1376533	6.36%	0.172%
267	13.557	13.524	13.600	VV	84333	1491628	6.89%	0.186%
268	13.637	13.600	13.666	VV	56581	1069888	4.94%	0.133%
269	13.686	13.666	13.705	VV	46131	666892	3.08%	0.083%
270	13.711	13.705	13.721	VV	17669	145888	0.67%	0.018%
271	13.751	13.721	13.770	VV	82830	1359527	6.28%	0.170%
272	13.783	13.770	13.831	VV	57953	948723	4.38%	0.118%
273	13.884	13.831	13.928	VV	253946	4270474	19.72%	0.533%
274	13.946	13.928	13.964	VV	22882	371842	1.72%	0.046%
275	13.991	13.964	14.016	VV	226010	3269304	15.10%	0.408%
276	14.032	14.016	14.053	VV	92243	1261434	5.82%	0.157%
277	14.069	14.053	14.092	VV	64103	976562	4.51%	0.122%
278	14.131	14.092	14.151	VV	234390	3663078	16.91%	0.457%
279	14.159	14.151	14.182	VV	77787	1068200	4.93%	0.133%
280	14.201	14.182	14.246	VV	76935	1344558	6.21%	0.168%
281	14.277	14.246	14.296	VV	30209	661006	3.05%	0.082%
282	14.317	14.296	14.327	VV	20982	343910	1.59%	0.043%
283	14.345	14.327	14.384	VV	30411	784049	3.62%	0.098%
284	14.396	14.384	14.400	VV	18369	158421	0.73%	0.020%
285	14.413	14.400	14.421	VV	21078	241612	1.12%	0.030%
286	14.425	14.421	14.431	VV	16490	93683	0.43%	0.012%
287	14.456	14.431	14.481	VV	46176	842652	3.89%	0.105%
288	14.486	14.481	14.508	VV	22029	305176	1.41%	0.038%
289	14.521	14.508	14.537	VV	26639	358288	1.65%	0.045%
290	14.563	14.537	14.567	VV	36120	503256	2.32%	0.063%
291	14.587	14.567	14.611	VV	52377	1151769	5.32%	0.144%
292	14.625	14.611	14.665	VV	52722	1092889	5.05%	0.136%
293	14.695	14.665	14.710	VV	46804	881837	4.07%	0.110%
294	14.726	14.710	14.772	VV	43726	1216662	5.62%	0.152%
295	14.802	14.772	14.834	VV	119026	2263912	10.45%	0.282%
296	14.838	14.834	14.842	VV	39647	191999	0.89%	0.024%
297	14.866	14.842	14.892	VV	181762	2875428	13.28%	0.359%
298	14.909	14.892	14.920	VV	72133	988424	4.56%	0.123%
299	14.933	14.920	14.968	VV	71490	1340842	6.19%	0.167%

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300	14.989	14.968	15.005	VV	37203	659567	3.05%	0.082%
301	15.037	15.005	15.101	VV	149550	3613671	16.69%	0.451%
302	15.146	15.101	15.153	VV	63317	1256835	5.80%	0.157%
303	15.193	15.153	15.211	VV	640278	10679228	49.31%	1.332%
304	15.239	15.211	15.266	VV	922170	12724084	58.75%	1.587%
305	15.271	15.266	15.301	VV	38594	712564	3.29%	0.089%
306	15.304	15.301	15.308	VV	30989	112740	0.52%	0.014%
307	15.314	15.308	15.318	VV	30525	179005	0.83%	0.022%
308	15.349	15.318	15.398	VV	223793	4281578	19.77%	0.534%
309	15.430	15.398	15.461	VV	112133	2245456	10.37%	0.280%
310	15.492	15.461	15.511	VV	107581	1928417	8.90%	0.241%
311	15.528	15.511	15.557	VV	72706	1527462	7.05%	0.191%
312	15.563	15.557	15.585	VV	40301	564284	2.61%	0.070%
313	15.625	15.585	15.658	VV	116057	2722545	12.57%	0.340%
314	15.673	15.658	15.700	VV	49045	992931	4.58%	0.124%
315	15.782	15.700	15.803	VV	153244	3963903	18.30%	0.495%
316	15.809	15.803	15.828	VV	59503	787875	3.64%	0.098%
317	15.860	15.828	15.880	VV	137903	2683371	12.39%	0.335%
318	15.898	15.880	15.919	VV	95399	1678626	7.75%	0.209%
319	15.946	15.919	15.966	VV	84372	1810479	8.36%	0.226%
320	16.023	15.966	16.058	VV	149369	4929634	22.76%	0.615%
321	16.094	16.058	16.118	VV	89175	2381829	11.00%	0.297%
322	16.151	16.118	16.168	VV	95068	2074469	9.58%	0.259%
323	16.181	16.168	16.217	VV	70229	1631779	7.53%	0.204%
324	16.269	16.217	16.328	VV	235111	6392684	29.52%	0.798%
325	16.355	16.328	16.382	VV	56685	1664556	7.69%	0.208%
326	16.393	16.382	16.415	VV	55460	1028726	4.75%	0.128%
327	16.459	16.415	16.490	VV	89642	3059071	14.12%	0.382%
328	16.500	16.490	16.509	VV	64807	715227	3.30%	0.089%
329	16.513	16.509	16.520	VV	61317	389452	1.80%	0.049%
330	16.545	16.520	16.593	VV	100812	3487420	16.10%	0.435%
331	16.635	16.593	16.639	VV	88770	2163826	9.99%	0.270%
332	16.669	16.639	16.696	VV	106633	3140340	14.50%	0.392%
333	16.715	16.696	16.722	VV	87591	1248623	5.77%	0.156%
334	16.773	16.722	16.787	VV	660083	14018480	64.73%	1.749%
335	16.794	16.787	16.825	VV	423703	5152517	23.79%	0.643%
336	16.829	16.825	16.835	VV	91696	541842	2.50%	0.068%
337	16.843	16.835	16.851	VV	94791	866825	4.00%	0.108%
338	16.894	16.851	16.945	VV	254374	7865526	36.32%	0.981%
339	16.949	16.945	16.953	VV	100864	544427	2.51%	0.068%
340	16.974	16.953	16.994	VV	109080	2520081	11.64%	0.314%
341	17.016	16.994	17.021	VV	124789	1858049	8.58%	0.232%
342	17.094	17.021	17.118	VV	493825	13653891	63.04%	1.703%
343	17.158	17.118	17.191	VV	636236	13459435	62.15%	1.679%
344	17.227	17.191	17.237	VV	321489	6103419	28.18%	0.761%
345	17.247	17.237	17.282	VV	340290	6354094	29.34%	0.793%
346	17.301	17.282	17.324	VV	162393	3664927	16.92%	0.457%
347	17.328	17.324	17.334	VV	143200	846484	3.91%	0.106%
348	17.355	17.334	17.370	VV	153925	3214886	14.84%	0.401%
349	17.404	17.370	17.426	VV	177233	5402562	24.95%	0.674%
350	17.452	17.426	17.461	VV	178348	3541895	16.35%	0.442%
351	17.465	17.461	17.489	VV	181950	2929746	13.53%	0.366%

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352	17.512	17.489	17.517	VV	219486	3475202	16.05%	0.434%
353	17.522	17.517	17.536	VV	216618	2409721	11.13%	0.301%
354	17.540	17.536	17.581	VV	207392	4982322	23.00%	0.622%
355	17.602	17.581	17.616	VV	177259	3647213	16.84%	0.455%
356	17.648	17.616	17.661	VV	209538	5262392	24.30%	0.657%
357	17.667	17.661	17.690	VV	207406	3300938	15.24%	0.412%
358	17.695	17.690	17.700	VV	169324	990281	4.57%	0.124%
359	17.715	17.700	17.725	VV	181243	2521046	11.64%	0.315%
360	17.728	17.725	17.733	VV	183483	901834	4.16%	0.113%
361	17.737	17.733	17.750	VV	183270	1842468	8.51%	0.230%
362	17.760	17.750	17.777	VV	183624	2908345	13.43%	0.363%
363	17.806	17.777	17.829	VV	233724	6399431	29.55%	0.798%
364	17.843	17.829	17.864	VV	191352	3666432	16.93%	0.457%
365	17.870	17.864	17.894	VV	174706	3114810	14.38%	0.389%
366	17.931	17.894	17.939	VV	186115	4744322	21.91%	0.592%
367	17.943	17.939	17.946	VV	183326	834105	3.85%	0.104%
368	17.951	17.946	17.959	VV	177820	1335881	6.17%	0.167%
369	17.967	17.959	17.990	VV	181426	3223311	14.88%	0.402%
370	18.013	17.990	18.035	VV	188314	4744213	21.91%	0.592%
371	18.115	18.035	18.143	VV	355584	14524454	67.06%	1.812%
372	18.147	18.143	18.177	VV	195771	3744021	17.29%	0.467%
373	18.183	18.177	18.186	VV	177109	914866	4.22%	0.114%
374	18.190	18.186	18.192	VV	177085	618339	2.86%	0.077%
375	18.199	18.192	18.207	VV	183967	1612988	7.45%	0.201%
376	18.235	18.207	18.247	VV	221220	4890830	22.58%	0.610%
377	18.261	18.247	18.275	VV	245313	3899491	18.01%	0.486%
378	18.296	18.275	18.331	VV	235089	7419002	34.26%	0.926%
379	18.335	18.331	18.377	VV	198798	5092927	23.52%	0.635%
380	18.384	18.377	18.393	VV	183688	1765568	8.15%	0.220%
381	18.437	18.393	18.464	VV	274199	9473171	43.74%	1.182%
382	18.472	18.464	18.499	VV	232544	4527238	20.90%	0.565%
383	18.539	18.499	18.597	VV	516004	18169522	83.89%	2.267%
384	18.628	18.597	18.645	VV	256960	6709550	30.98%	0.837%
385	18.663	18.645	18.681	VV	281794	5462727	25.22%	0.682%
386	18.692	18.681	18.743	VV	258122	8326537	38.45%	1.039%
387	18.747	18.743	18.756	VV	180168	1378441	6.36%	0.172%
388	18.799	18.756	18.845	VV	521444	14919548	68.89%	1.861%
389	18.871	18.845	18.887	VV	208760	5014073	23.15%	0.626%
390	18.929	18.887	18.991	VV	332758	15140344	69.91%	1.889%
391	19.014	18.991	19.029	VV	173035	3754367	17.34%	0.468%
392	19.057	19.029	19.073	VV	198938	4770517	22.03%	0.595%
393	19.102	19.073	19.136	VV	199742	6739352	31.12%	0.841%
394	19.143	19.136	19.153	VV	161648	1645114	7.60%	0.205%
395	19.168	19.153	19.187	VV	161877	3254883	15.03%	0.406%
396	19.223	19.187	19.246	VV	184534	5963084	27.53%	0.744%
397	19.249	19.246	19.261	VV	160949	1454824	6.72%	0.181%
398	19.307	19.261	19.332	VV	209658	7528352	34.76%	0.939%
399	19.348	19.332	19.371	VV	192862	4231486	19.54%	0.528%
400	19.383	19.371	19.388	VV	199749	2023727	9.34%	0.252%
401	19.391	19.388	19.421	VV	194244	3424741	15.81%	0.427%
402	19.450	19.421	19.466	VV	183361	4656418	21.50%	0.581%
403	19.475	19.466	19.499	VV	190779	3484222	16.09%	0.435%
404	19.507	19.499	19.524	VV	161243	2238769	10.34%	0.279%

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405	19.538	19.524	19.554	VV	147764	2631090	12.15%	0.328%
406	19.572	19.554	19.580	VV	149059	2202631	10.17%	0.275%
407	19.587	19.580	19.619	VV	146993	3208505	14.81%	0.400%
408	19.638	19.619	19.674	VV	148319	4463357	20.61%	0.557%
409	19.678	19.674	19.683	VV	130946	702177	3.24%	0.088%
410	19.737	19.683	19.788	VV	206597	9642656	44.52%	1.203%
411	19.795	19.788	19.799	VV	148316	949041	4.38%	0.118%
412	19.806	19.799	19.812	VV	148627	1160010	5.36%	0.145%
413	19.817	19.812	19.835	VV	146368	1885162	8.70%	0.235%
414	19.842	19.835	19.847	VV	141747	1001305	4.62%	0.125%
415	19.855	19.847	19.863	VV	151905	1389813	6.42%	0.173%
416	19.867	19.863	19.873	VV	153842	947929	4.38%	0.118%
417	19.879	19.873	19.892	VV	146765	1646068	7.60%	0.205%
418	19.905	19.892	19.911	VV	152120	1637983	7.56%	0.204%
419	19.954	19.911	19.989	VV	261379	8997656	41.54%	1.123%
420	20.021	19.989	20.058	VV	269333	8644217	39.91%	1.078%
421	20.091	20.058	20.141	VV	226988	9129480	42.15%	1.139%
422	20.153	20.141	20.185	VV	163215	3994247	18.44%	0.498%
423	20.191	20.185	20.195	VV	141141	800062	3.69%	0.100%
424	20.203	20.195	20.209	VV	146124	1167998	5.39%	0.146%
425	20.242	20.209	20.275	VV	171239	6100262	28.17%	0.761%
426	20.281	20.275	20.286	VV	146402	907509	4.19%	0.113%
427	20.340	20.286	20.371	VV	324849	11134450	51.41%	1.389%
428	20.405	20.371	20.426	VV	215443	6345511	29.30%	0.792%
429	20.430	20.426	20.452	VV	199764	2839278	13.11%	0.354%
430	20.477	20.452	20.511	VV	251545	6985093	32.25%	0.871%
431	20.522	20.511	20.537	VV	161046	2413847	11.15%	0.301%
432	20.541	20.537	20.546	VV	161949	804469	3.71%	0.100%
433	20.550	20.546	20.571	VV	171621	2409033	11.12%	0.301%
434	20.576	20.571	20.585	VV	153623	1280318	5.91%	0.160%
435	20.589	20.585	20.616	VV	155212	2781088	12.84%	0.347%
436	20.629	20.616	20.635	VV	153979	1775156	8.20%	0.221%
437	20.640	20.635	20.647	VV	148474	1043937	4.82%	0.130%
438	20.653	20.647	20.659	VV	150499	1021341	4.72%	0.127%
439	20.690	20.659	20.701	VV	162928	3891544	17.97%	0.485%
440	20.709	20.701	20.732	VV	157094	2844164	13.13%	0.355%
441	20.737	20.732	20.753	VV	157185	1904217	8.79%	0.238%
442	20.761	20.753	20.792	VV	152558	3328199	15.37%	0.415%
443	20.801	20.792	20.806	VV	138010	1068321	4.93%	0.133%
444	20.822	20.806	20.864	VV	144908	4719295	21.79%	0.589%
445	20.868	20.864	20.885	VV	133350	1544874	7.13%	0.193%
446	20.891	20.885	20.903	VV	125271	1275066	5.89%	0.159%
447	20.908	20.903	20.915	VV	116581	858008	3.96%	0.107%
448	20.925	20.915	20.932	VV	114979	1127050	5.20%	0.141%
449	20.937	20.932	20.942	VV	115702	667738	3.08%	0.083%
450	20.947	20.942	20.957	VV	111068	925045	4.27%	0.115%
451	20.964	20.957	20.976	VV	118377	1247791	5.76%	0.156%
452	20.986	20.976	20.997	VV	120700	1432841	6.62%	0.179%
453	21.004	20.997	21.011	VV	122798	989095	4.57%	0.123%
454	21.022	21.011	21.031	VV	121941	1453028	6.71%	0.181%
455	21.046	21.031	21.050	VV	120202	1322270	6.11%	0.165%
456	21.057	21.050	21.064	VV	122081	962978	4.45%	0.120%

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457	21.079	21.064	21.101	VV	114674	2355211	10.87%	0.294%
458	21.105	21.101	21.111	VV	99997	581897	2.69%	0.073%
459	21.115	21.111	21.127	VV	94562	910731	4.21%	0.114%
460	21.131	21.127	21.141	VV	91950	748915	3.46%	0.093%
461	21.147	21.141	21.152	VV	90812	562801	2.60%	0.070%
462	21.163	21.152	21.168	VV	91806	839754	3.88%	0.105%
463	21.171	21.168	21.191	VV	94020	1198391	5.53%	0.150%
464	21.223	21.191	21.228	VV	122148	2266593	10.47%	0.283%
465	21.232	21.228	21.256	VV	117915	1631958	7.54%	0.204%
466	21.266	21.256	21.274	VV	81742	822427	3.80%	0.103%
467	21.279	21.274	21.283	VV	82815	419884	1.94%	0.052%
468	21.286	21.283	21.306	VV	79814	987872	4.56%	0.123%
469	21.318	21.306	21.328	VV	81788	964353	4.45%	0.120%
470	21.350	21.328	21.353	VV	88937	1170856	5.41%	0.146%
471	21.359	21.353	21.372	VV	94531	1007826	4.65%	0.126%
472	21.382	21.372	21.393	VV	98783	1114122	5.14%	0.139%
473	21.400	21.393	21.422	VV	85818	1233226	5.69%	0.154%
474	21.436	21.422	21.455	VV	60624	1176861	5.43%	0.147%
475	21.461	21.455	21.481	VV	64400	890397	4.11%	0.111%
476	21.482	21.481	21.487	VV	59628	208726	0.96%	0.026%
477	21.494	21.487	21.504	VV	48897	440775	2.04%	0.055%
478	21.514	21.504	21.519	VV	44699	378453	1.75%	0.047%
479	21.527	21.519	21.533	VV	51908	361595	1.67%	0.045%
480	21.562	21.533	21.567	VV	59757	995872	4.60%	0.124%
481	21.594	21.567	21.624	VV	63500	1883967	8.70%	0.235%
482	21.672	21.624	21.713	VV	80471	3250737	15.01%	0.406%
483	21.718	21.713	21.721	VV	59643	268144	1.24%	0.033%
484	21.743	21.721	21.749	VV	77495	1156542	5.34%	0.144%
485	21.785	21.749	21.848	VV	97579	4294745	19.83%	0.536%
486	21.853	21.848	21.887	VV	41808	667763	3.08%	0.083%
487	21.890	21.887	21.901	VV	14845	86127	0.40%	0.011%
488	21.906	21.901	21.911	VV	10495	33086	0.15%	0.004%
489	21.917	21.911	21.927	VV	9127	64505	0.30%	0.008%
490	21.952	21.927	21.958	PV	20259	203399	0.94%	0.025%
491	21.961	21.958	21.964	VV	12368	38713	0.18%	0.005%
492	21.990	21.964	21.996	VV	24544	346250	1.60%	0.043%
493	22.011	21.996	22.047	VV	26685	430331	1.99%	0.054%
494	22.053	22.047	22.061	PV	8852	45365	0.21%	0.006%
495	22.099	22.061	22.104	VV	46380	695200	3.21%	0.087%
496	22.108	22.104	22.131	VV	41717	529409	2.44%	0.066%
497	22.136	22.131	22.140	VV	24165	101515	0.47%	0.013%
498	22.174	22.140	22.251	VBA	55669	1813930	8.38%	0.226%
Sum of corrected areas:					801562093			

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