

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040822\
 Data File : FG009554.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2022 10:35
 Sample : N2301-08 500X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.005	1.998	2.011	BV	21798	111080	3.40%	0.066%
2	2.019	2.011	2.043	VV	26823	208015	6.37%	0.123%
3	2.066	2.043	2.081	VV	14863	115772	3.55%	0.069%
4	2.099	2.081	2.109	VV	7059	63475	1.94%	0.038%
5	2.129	2.109	2.141	VV	8349	104695	3.21%	0.062%
6	2.147	2.141	2.156	VV	2977	20738	0.64%	0.012%
7	2.172	2.156	2.203	VV	40424	309350	9.47%	0.183%
8	2.237	2.203	2.262	VV	35258	299726	9.18%	0.177%
9	2.304	2.262	2.321	VV	6052	62903	1.93%	0.037%
10	2.340	2.321	2.346	VV	806	10287	0.32%	0.006%
11	2.361	2.346	2.374	VV	4149	35225	1.08%	0.021%
12	2.386	2.374	2.392	VV	2751	21589	0.66%	0.013%
13	2.400	2.392	2.409	VV	3015	24421	0.75%	0.014%
14	2.421	2.409	2.437	VV	5020	43595	1.34%	0.026%
15	2.458	2.437	2.490	VV	22101	243736	7.46%	0.144%
16	2.507	2.490	2.515	VV	25018	205827	6.30%	0.122%
17	2.525	2.515	2.542	VV	32064	285481	8.74%	0.169%
18	2.559	2.542	2.573	VV	64664	532722	16.32%	0.315%
19	2.588	2.573	2.615	VV	31856	388099	11.89%	0.230%
20	2.624	2.615	2.656	VV	9082	124223	3.80%	0.074%
21	2.710	2.656	2.738	VV	34185	506549	15.51%	0.300%
22	2.749	2.738	2.763	VV	2479	24062	0.74%	0.014%
23	2.795	2.763	2.809	VV	29890	296552	9.08%	0.176%
24	2.822	2.809	2.834	VV	14864	143386	4.39%	0.085%
25	2.846	2.834	2.869	VV	9368	105320	3.23%	0.062%
26	2.879	2.869	2.886	VV	1329	11456	0.35%	0.007%
27	2.907	2.886	2.923	VV	12298	130871	4.01%	0.077%
28	2.940	2.923	2.968	VV	23262	286646	8.78%	0.170%
29	2.984	2.968	2.988	VV	7453	73851	2.26%	0.044%
30	3.001	2.988	3.032	VV	17197	224463	6.87%	0.133%
31	3.041	3.032	3.048	VV	2916	24770	0.76%	0.015%
32	3.074	3.048	3.087	VV	50210	626319	19.18%	0.371%
33	3.097	3.087	3.119	VV	31218	330296	10.12%	0.196%
34	3.128	3.119	3.135	VV	3967	34003	1.04%	0.020%
35	3.146	3.135	3.173	VV	5527	69621	2.13%	0.041%
36	3.195	3.173	3.210	VV	12322	118182	3.62%	0.070%

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37	3.224	3.210	3.233	VV	8041	78083	2.39%	0.046%
38	3.247	3.233	3.257	VV	15676	152083	4.66%	0.090%
39	3.271	3.257	3.287	VV	42723	422365	12.94%	0.250%
40	3.295	3.287	3.333	VV	11387	134430	4.12%	0.080%
41	3.352	3.333	3.362	PV	9812	84744	2.60%	0.050%
42	3.377	3.362	3.390	VV	39372	376297	11.52%	0.223%
43	3.402	3.390	3.419	VV	24287	243582	7.46%	0.144%
44	3.441	3.419	3.447	VV	16703	212217	6.50%	0.126%
45	3.458	3.447	3.483	VV	21635	277500	8.50%	0.164%
46	3.494	3.483	3.503	VV	9692	85904	2.63%	0.051%
47	3.520	3.503	3.554	VV	62479	818534	25.07%	0.485%
48	3.585	3.554	3.603	VV	21971	368363	11.28%	0.218%
49	3.630	3.603	3.649	VV	81524	1028952	31.51%	0.609%
50	3.656	3.649	3.673	VV	25051	278056	8.52%	0.165%
51	3.702	3.673	3.734	VV	59580	925052	28.33%	0.548%
52	3.749	3.734	3.778	VV	19303	268132	8.21%	0.159%
53	3.796	3.778	3.817	VV	48064	454126	13.91%	0.269%
54	3.844	3.817	3.893	VV	39449	794116	24.32%	0.470%
55	3.914	3.893	3.937	VV	13680	197311	6.04%	0.117%
56	3.953	3.937	3.973	VV	18265	273009	8.36%	0.162%
57	3.988	3.973	4.008	VV	31456	437079	13.39%	0.259%
58	4.020	4.008	4.045	VV	21585	272394	8.34%	0.161%
59	4.067	4.045	4.072	VV	9670	100704	3.08%	0.060%
60	4.106	4.072	4.118	VV	33424	512991	15.71%	0.304%
61	4.133	4.118	4.155	VV	43637	564599	17.29%	0.334%
62	4.168	4.155	4.207	VV	19902	333591	10.22%	0.198%
63	4.242	4.207	4.261	VV	25434	379270	11.62%	0.225%
64	4.281	4.261	4.305	VV	25481	412682	12.64%	0.244%
65	4.317	4.305	4.354	VV	14736	311296	9.53%	0.184%
66	4.367	4.354	4.382	VV	8925	109571	3.36%	0.065%
67	4.398	4.382	4.423	VV	17913	237897	7.29%	0.141%
68	4.428	4.423	4.436	VV	5118	40126	1.23%	0.024%
69	4.447	4.436	4.460	VV	6111	71540	2.19%	0.042%
70	4.499	4.460	4.512	VV	22745	436832	13.38%	0.259%
71	4.528	4.512	4.543	VV	33433	446564	13.68%	0.264%
72	4.555	4.543	4.571	VV	22104	314606	9.64%	0.186%
73	4.587	4.571	4.600	VV	66762	676091	20.71%	0.400%
74	4.613	4.600	4.627	VV	44224	466181	14.28%	0.276%
75	4.640	4.627	4.652	VV	28091	357781	10.96%	0.212%
76	4.662	4.652	4.675	VV	28513	298952	9.16%	0.177%
77	4.684	4.675	4.690	VV	16847	146766	4.49%	0.087%
78	4.705	4.690	4.720	VV	26809	344743	10.56%	0.204%
79	4.742	4.720	4.773	VV	50324	904034	27.69%	0.535%
80	4.802	4.773	4.834	VV	50620	751700	23.02%	0.445%
81	4.855	4.834	4.868	VV	18222	260847	7.99%	0.154%
82	4.890	4.868	4.914	VV	20884	375386	11.50%	0.222%
83	4.958	4.914	4.969	VV	20312	343820	10.53%	0.204%
84	4.975	4.969	5.002	VV	15729	188641	5.78%	0.112%
85	5.026	5.002	5.036	VV	23517	281441	8.62%	0.167%
86	5.050	5.036	5.065	VV	45727	531871	16.29%	0.315%
87	5.068	5.065	5.090	VV	20786	260480	7.98%	0.154%
88	5.100	5.090	5.116	VV	18087	213882	6.55%	0.127%
89	5.131	5.116	5.151	VV	12761	206301	6.32%	0.122%

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90	5.172	5.151	5.185	VV	31749	429639	13.16%	0.254%
91	5.193	5.185	5.206	VV	23793	260797	7.99%	0.154%
92	5.232	5.206	5.247	VV	28458	501726	15.37%	0.297%
93	5.261	5.247	5.276	VV	31196	371869	11.39%	0.220%
94	5.290	5.276	5.314	VV	23694	408165	12.50%	0.242%
95	5.322	5.314	5.337	VV	14634	177186	5.43%	0.105%
96	5.352	5.337	5.362	VV	13506	170210	5.21%	0.101%
97	5.378	5.362	5.381	VV	28326	244242	7.48%	0.145%
98	5.395	5.381	5.424	VV	45269	642765	19.69%	0.381%
99	5.446	5.424	5.457	VV	18346	273174	8.37%	0.162%
100	5.462	5.457	5.480	VV	15355	166302	5.09%	0.098%
101	5.502	5.480	5.512	VV	15859	242518	7.43%	0.144%
102	5.521	5.512	5.535	VV	14822	197861	6.06%	0.117%
103	5.556	5.535	5.581	VV	59852	887818	27.19%	0.526%
104	5.590	5.581	5.599	VV	17571	173319	5.31%	0.103%
105	5.609	5.599	5.613	VV	15954	129008	3.95%	0.076%
106	5.625	5.613	5.640	VV	19571	277112	8.49%	0.164%
107	5.662	5.640	5.698	VV	57933	1215900	37.24%	0.720%
108	5.720	5.698	5.738	VV	25772	488551	14.96%	0.289%
109	5.745	5.738	5.754	VV	13608	125330	3.84%	0.074%
110	5.771	5.754	5.777	VV	22540	253543	7.77%	0.150%
111	5.785	5.777	5.809	VV	22860	271608	8.32%	0.161%
112	5.833	5.809	5.853	VV	26919	379760	11.63%	0.225%
113	5.883	5.853	5.902	VV	33377	602702	18.46%	0.357%
114	5.912	5.902	5.922	VV	16597	185956	5.70%	0.110%
115	5.954	5.922	5.963	VV	18730	408137	12.50%	0.242%
116	5.970	5.963	5.991	VV	18368	247434	7.58%	0.147%
117	6.028	5.991	6.041	VV	21366	477898	14.64%	0.283%
118	6.060	6.041	6.083	VV	35814	614788	18.83%	0.364%
119	6.103	6.083	6.127	VV	26569	540065	16.54%	0.320%
120	6.142	6.127	6.154	VV	32159	417543	12.79%	0.247%
121	6.167	6.154	6.181	VV	32694	457680	14.02%	0.271%
122	6.197	6.181	6.222	VV	30074	654388	20.04%	0.387%
123	6.241	6.222	6.265	VV	37627	720207	22.06%	0.426%
124	6.284	6.265	6.302	VV	34850	635120	19.45%	0.376%
125	6.311	6.302	6.327	VV	26070	350435	10.73%	0.208%
126	6.335	6.327	6.366	VV	20699	424846	13.01%	0.252%
127	6.381	6.366	6.409	VV	23132	473508	14.50%	0.280%
128	6.423	6.409	6.430	VV	19969	232169	7.11%	0.137%
129	6.450	6.430	6.464	VV	24072	426940	13.08%	0.253%
130	6.485	6.464	6.491	VV	24713	345962	10.60%	0.205%
131	6.510	6.491	6.532	VV	110427	1475865	45.20%	0.874%
132	6.549	6.532	6.571	VV	55320	882886	27.04%	0.523%
133	6.582	6.571	6.596	VV	27318	337693	10.34%	0.200%
134	6.607	6.596	6.615	VV	22120	240255	7.36%	0.142%
135	6.640	6.615	6.659	VV	33778	709967	21.74%	0.420%
136	6.683	6.659	6.706	VV	51680	1003722	30.74%	0.594%
137	6.718	6.706	6.732	VV	32785	408333	12.51%	0.242%
138	6.758	6.732	6.779	VV	40386	870433	26.66%	0.515%
139	6.786	6.779	6.792	VV	18605	138730	4.25%	0.082%
140	6.821	6.792	6.843	VV	31601	762803	23.36%	0.452%
141	6.861	6.843	6.872	VV	36918	543229	16.64%	0.322%

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142	6.885	6.872	6.902	VV	42209	621489	19.03%	0.368%
143	6.920	6.902	6.954	VV	39962	919361	28.16%	0.544%
144	6.978	6.954	7.022	VV	36416	1141325	34.95%	0.676%
145	7.030	7.022	7.043	VV	20530	233849	7.16%	0.138%
146	7.067	7.043	7.105	VV	170017	2687548	82.31%	1.591%
147	7.125	7.105	7.147	VV	40673	782197	23.96%	0.463%
148	7.167	7.147	7.184	VV	54889	832965	25.51%	0.493%
149	7.209	7.184	7.227	VV	31433	750699	22.99%	0.445%
150	7.255	7.227	7.280	VV	34192	962641	29.48%	0.570%
151	7.287	7.280	7.317	VV	29694	583024	17.86%	0.345%
152	7.341	7.317	7.363	VV	36470	815635	24.98%	0.483%
153	7.378	7.363	7.392	VV	31814	516421	15.82%	0.306%
154	7.423	7.392	7.439	VV	33137	838988	25.70%	0.497%
155	7.464	7.439	7.493	VV	78571	1476325	45.21%	0.874%
156	7.511	7.493	7.532	VV	34447	637684	19.53%	0.378%
157	7.552	7.532	7.559	VV	25666	369587	11.32%	0.219%
158	7.575	7.559	7.589	VV	33322	536947	16.44%	0.318%
159	7.625	7.589	7.644	VV	54309	1268719	38.86%	0.751%
160	7.657	7.644	7.689	VV	36668	814580	24.95%	0.482%
161	7.718	7.689	7.738	VV	35282	792020	24.26%	0.469%
162	7.761	7.738	7.781	VV	30578	694164	21.26%	0.411%
163	7.806	7.781	7.821	VV	28526	629342	19.27%	0.373%
164	7.845	7.821	7.850	VV	33383	498728	15.27%	0.295%
165	7.866	7.850	7.882	VV	40388	698421	21.39%	0.414%
166	7.897	7.882	7.939	VV	35735	1031124	31.58%	0.611%
167	7.985	7.939	8.015	VV	192416	3265132	100.00%	1.933%
168	8.034	8.015	8.055	VV	43723	849076	26.00%	0.503%
169	8.084	8.055	8.099	VV	56045	1145407	35.08%	0.678%
170	8.114	8.099	8.181	VV	56660	1870888	57.30%	1.108%
171	8.212	8.181	8.230	VV	55592	1148348	35.17%	0.680%
172	8.259	8.230	8.277	VV	43488	1032899	31.63%	0.612%
173	8.283	8.277	8.296	VV	30782	326390	10.00%	0.193%
174	8.317	8.296	8.335	VV	43301	829348	25.40%	0.491%
175	8.357	8.335	8.367	VV	34609	616536	18.88%	0.365%
176	8.377	8.367	8.394	VV	34551	529111	16.20%	0.313%
177	8.410	8.394	8.424	VV	34229	561089	17.18%	0.332%
178	8.451	8.424	8.478	VV	35977	1009535	30.92%	0.598%
179	8.492	8.478	8.503	VV	29674	407665	12.49%	0.241%
180	8.522	8.503	8.572	VV	50523	1540947	47.19%	0.912%
181	8.583	8.572	8.601	VV	29572	451183	13.82%	0.267%
182	8.622	8.601	8.650	VV	44085	961229	29.44%	0.569%
183	8.705	8.650	8.731	VV	165056	3110034	95.25%	1.842%
184	8.738	8.731	8.758	VV	29013	430062	13.17%	0.255%
185	8.780	8.758	8.793	VV	37406	643959	19.72%	0.381%
186	8.810	8.793	8.832	VV	39341	805029	24.66%	0.477%
187	8.850	8.832	8.868	VV	46035	830345	25.43%	0.492%
188	8.880	8.868	8.897	VV	30679	485596	14.87%	0.288%
189	8.930	8.897	8.948	VV	44583	1108484	33.95%	0.656%
190	8.956	8.948	8.964	VV	34616	322188	9.87%	0.191%
191	8.977	8.964	8.995	VV	43667	713907	21.86%	0.423%
192	9.020	8.995	9.056	VV	46902	1199397	36.73%	0.710%
193	9.076	9.056	9.098	VV	37873	751747	23.02%	0.445%
194	9.135	9.098	9.155	VV	39169	1015064	31.09%	0.601%

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195	9.167	9.155	9.180	VV	27738	379495	11.62%	0.225%
196	9.193	9.180	9.206	VV	27188	396796	12.15%	0.235%
197	9.224	9.206	9.241	VV	28427	533713	16.35%	0.316%
198	9.272	9.241	9.305	VV	40827	1172689	35.92%	0.694%
199	9.320	9.305	9.338	VV	27612	479582	14.69%	0.284%
200	9.364	9.338	9.409	VV	45712	1314403	40.26%	0.778%
201	9.442	9.409	9.472	VV	53995	1399674	42.87%	0.829%
202	9.484	9.472	9.493	VV	24265	288129	8.82%	0.171%
203	9.530	9.493	9.554	VV	47256	1181728	36.19%	0.700%
204	9.558	9.554	9.578	VV	27254	335671	10.28%	0.199%
205	9.601	9.578	9.638	VV	23614	732783	22.44%	0.434%
206	9.652	9.638	9.661	VV	19470	262272	8.03%	0.155%
207	9.684	9.661	9.704	VV	28444	616522	18.88%	0.365%
208	9.728	9.704	9.756	VV	49110	1079964	33.08%	0.639%
209	9.774	9.756	9.797	VV	32352	692782	21.22%	0.410%
210	9.802	9.797	9.818	VV	25870	307882	9.43%	0.182%
211	9.829	9.818	9.845	VV	25150	407710	12.49%	0.241%
212	9.852	9.845	9.860	VV	25243	216952	6.64%	0.128%
213	9.876	9.860	9.913	VV	30628	758185	23.22%	0.449%
214	9.944	9.913	9.970	VV	25449	714457	21.88%	0.423%
215	9.985	9.970	9.996	VV	22391	314706	9.64%	0.186%
216	10.004	9.996	10.028	VV	22680	398667	12.21%	0.236%
217	10.048	10.028	10.065	VV	24085	464675	14.23%	0.275%
218	10.071	10.065	10.083	VV	19007	193080	5.91%	0.114%
219	10.103	10.083	10.135	VV	26199	682805	20.91%	0.404%
220	10.163	10.135	10.195	VV	136567	2303371	70.54%	1.364%
221	10.239	10.195	10.265	VV	30489	1080058	33.08%	0.640%
222	10.284	10.265	10.291	VV	23943	335913	10.29%	0.199%
223	10.310	10.291	10.337	VV	32214	637583	19.53%	0.378%
224	10.358	10.337	10.388	VV	22914	606192	18.57%	0.359%
225	10.447	10.388	10.470	VV	25720	1038231	31.80%	0.615%
226	10.494	10.470	10.504	VV	27331	460002	14.09%	0.272%
227	10.513	10.504	10.520	VV	25541	245854	7.53%	0.146%
228	10.526	10.520	10.549	VV	25598	402142	12.32%	0.238%
229	10.589	10.549	10.620	VV	153215	2728046	83.55%	1.615%
230	10.631	10.620	10.676	VV	25165	693995	21.25%	0.411%
231	10.708	10.676	10.715	VV	19300	414112	12.68%	0.245%
232	10.732	10.715	10.739	VV	20958	277680	8.50%	0.164%
233	10.769	10.739	10.827	VV	23940	1063154	32.56%	0.630%
234	10.853	10.827	10.882	VV	24171	671288	20.56%	0.398%
235	10.910	10.882	10.955	VV	35959	949778	29.09%	0.562%
236	10.989	10.955	11.007	VV	17217	485141	14.86%	0.287%
237	11.013	11.007	11.027	VV	15744	186714	5.72%	0.111%
238	11.048	11.027	11.062	VV	18011	352694	10.80%	0.209%
239	11.078	11.062	11.101	VV	20420	405635	12.42%	0.240%
240	11.131	11.101	11.135	VV	17568	338852	10.38%	0.201%
241	11.142	11.135	11.149	VV	18173	141886	4.35%	0.084%
242	11.172	11.149	11.199	VV	19135	543343	16.64%	0.322%
243	11.217	11.199	11.231	VV	19904	346345	10.61%	0.205%
244	11.246	11.231	11.271	VV	17610	397683	12.18%	0.235%
245	11.314	11.271	11.345	VV	98023	1885690	57.75%	1.117%
246	11.367	11.345	11.375	VV	16381	286505	8.77%	0.170%

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247	11.381	11.375	11.399	VV	15812	198427	6.08%	0.117%
248	11.421	11.399	11.445	VV	17431	404317	12.38%	0.239%
249	11.499	11.445	11.555	VV	20202	1081709	33.13%	0.641%
250	11.575	11.555	11.582	VV	14998	228895	7.01%	0.136%
251	11.602	11.582	11.646	VV	18185	532684	16.31%	0.315%
252	11.666	11.646	11.684	VV	14584	289866	8.88%	0.172%
253	11.715	11.684	11.735	VV	18005	464583	14.23%	0.275%
254	11.748	11.735	11.764	VV	16379	272462	8.34%	0.161%
255	11.776	11.764	11.812	VV	15666	398996	12.22%	0.236%
256	11.831	11.812	11.845	VV	14749	261494	8.01%	0.155%
257	11.875	11.845	11.899	VV	35409	750019	22.97%	0.444%
258	11.918	11.899	11.941	VV	14910	332389	10.18%	0.197%
259	11.974	11.941	11.986	VV	13261	305588	9.36%	0.181%
260	12.003	11.986	12.015	VV	15872	257042	7.87%	0.152%
261	12.023	12.015	12.043	VV	14888	224150	6.86%	0.133%
262	12.048	12.043	12.061	VV	11657	114829	3.52%	0.068%
263	12.098	12.061	12.104	VV	14369	305565	9.36%	0.181%
264	12.112	12.104	12.128	VV	14787	203109	6.22%	0.120%
265	12.142	12.128	12.158	VV	12516	209124	6.40%	0.124%
266	12.167	12.158	12.177	VV	11515	125470	3.84%	0.074%
267	12.191	12.177	12.206	VV	12425	199361	6.11%	0.118%
268	12.211	12.206	12.232	VV	10524	155777	4.77%	0.092%
269	12.256	12.232	12.301	VV	12099	430248	13.18%	0.255%
270	12.324	12.301	12.347	VV	11128	266329	8.16%	0.158%
271	12.369	12.347	12.374	VV	12314	167886	5.14%	0.099%
272	12.386	12.374	12.424	VV	12494	334928	10.26%	0.198%
273	12.429	12.424	12.435	VV	10486	66097	2.02%	0.039%
274	12.470	12.435	12.503	VV	18981	590780	18.09%	0.350%
275	12.514	12.503	12.523	VV	13072	152562	4.67%	0.090%
276	12.541	12.523	12.574	VV	18276	385582	11.81%	0.228%
277	12.593	12.574	12.599	VV	9530	127756	3.91%	0.076%
278	12.602	12.599	12.608	VV	9771	49608	1.52%	0.029%
279	12.644	12.608	12.665	VV	10730	322585	9.88%	0.191%
280	12.686	12.665	12.708	VV	11926	252005	7.72%	0.149%
281	12.720	12.708	12.735	VV	8746	132179	4.05%	0.078%
282	12.747	12.735	12.764	VV	7383	120011	3.68%	0.071%
283	12.774	12.764	12.794	VV	7254	124563	3.81%	0.074%
284	12.816	12.794	12.828	VV	8498	160253	4.91%	0.095%
285	12.834	12.828	12.850	VV	8238	100329	3.07%	0.059%
286	12.861	12.850	12.875	VV	7849	106527	3.26%	0.063%
287	12.889	12.875	12.899	VV	9561	119694	3.67%	0.071%
288	12.906	12.899	12.942	VV	8345	173033	5.30%	0.102%
289	12.963	12.942	12.975	VV	7350	132239	4.05%	0.078%
290	12.988	12.975	12.995	VV	7790	86636	2.65%	0.051%
291	13.000	12.995	13.011	VV	7867	75584	2.31%	0.045%
292	13.038	13.011	13.069	VV	18110	434775	13.32%	0.257%
293	13.078	13.069	13.135	VV	9557	293389	8.99%	0.174%
294	13.161	13.135	13.167	VV	8114	122741	3.76%	0.073%
295	13.173	13.167	13.208	VV	8120	177762	5.44%	0.105%
296	13.223	13.208	13.250	VV	8183	173804	5.32%	0.103%
297	13.256	13.250	13.272	VV	6501	79321	2.43%	0.047%
298	13.290	13.272	13.303	VV	6999	110494	3.38%	0.065%
299	13.318	13.303	13.340	VV	7922	137160	4.20%	0.081%

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300	13.380	13.340	13.412	VV	10959	314191	9.62%	0.186%
301	13.424	13.412	13.434	VV	6741	85639	2.62%	0.051%
302	13.440	13.434	13.449	VV	6455	52197	1.60%	0.031%
303	13.455	13.449	13.460	VV	6402	42226	1.29%	0.025%
304	13.476	13.460	13.516	VV	7515	194788	5.97%	0.115%
305	13.526	13.516	13.532	VV	4427	39845	1.22%	0.024%
306	13.536	13.532	13.550	VV	4944	45949	1.41%	0.027%
307	13.558	13.550	13.570	VV	4956	57060	1.75%	0.034%
308	13.593	13.570	13.612	VV	7950	165886	5.08%	0.098%
309	13.657	13.612	13.700	VV	10074	348390	10.67%	0.206%
310	13.737	13.700	13.746	VV	6881	133709	4.10%	0.079%
311	13.759	13.746	13.781	VV	6851	125805	3.85%	0.074%
312	13.795	13.781	13.817	VV	5439	101235	3.10%	0.060%
313	13.834	13.817	13.846	VV	4861	70495	2.16%	0.042%
314	13.869	13.846	13.882	VV	5007	94799	2.90%	0.056%
315	13.888	13.882	13.917	VV	5490	87297	2.67%	0.052%
316	13.980	13.917	14.014	VV	8898	290225	8.89%	0.172%
317	14.038	14.014	14.088	VV	6216	189730	5.81%	0.112%
318	14.105	14.088	14.112	VV	4446	53732	1.65%	0.032%
319	14.127	14.112	14.135	VV	5328	66006	2.02%	0.039%
320	14.144	14.135	14.168	VV	5108	78454	2.40%	0.046%
321	14.201	14.168	14.209	VV	4692	91186	2.79%	0.054%
322	14.226	14.209	14.240	VV	4872	81530	2.50%	0.048%
323	14.245	14.240	14.269	VV	3863	55204	1.69%	0.033%
324	14.274	14.269	14.280	VV	2480	14080	0.43%	0.008%
325	14.308	14.280	14.337	VV	4231	110330	3.38%	0.065%
326	14.343	14.337	14.347	VV	2935	17385	0.53%	0.010%
327	14.359	14.347	14.364	VV	3446	31369	0.96%	0.019%
328	14.384	14.364	14.395	VV	4951	75321	2.31%	0.045%
329	14.402	14.395	14.409	VV	4210	31935	0.98%	0.019%
330	14.436	14.409	14.463	VV	7325	173424	5.31%	0.103%
331	14.468	14.463	14.505	VV	3984	63944	1.96%	0.038%
332	14.531	14.505	14.545	VV	2638	52712	1.61%	0.031%
333	14.557	14.545	14.573	VV	4025	50838	1.56%	0.030%
334	14.589	14.573	14.619	VV	4319	90764	2.78%	0.054%
335	14.625	14.619	14.644	VV	2548	29681	0.91%	0.018%
336	14.649	14.644	14.665	VV	1878	19299	0.59%	0.011%
337	14.682	14.665	14.695	VV	2427	35080	1.07%	0.021%
338	14.703	14.695	14.711	VV	2450	18989	0.58%	0.011%
339	14.725	14.711	14.738	VV	2640	37637	1.15%	0.022%
340	14.757	14.738	14.767	VV	3210	46872	1.44%	0.028%
341	14.778	14.767	14.793	VV	3264	38555	1.18%	0.023%
342	14.820	14.793	14.836	VV	2757	50252	1.54%	0.030%
343	14.855	14.836	14.866	VV	3165	43759	1.34%	0.026%
344	14.871	14.866	14.878	VV	2816	18690	0.57%	0.011%
345	14.886	14.878	14.895	VV	2650	25737	0.79%	0.015%
346	14.910	14.895	14.928	VV	3407	54813	1.68%	0.032%
347	14.940	14.928	14.962	VV	3122	43937	1.35%	0.026%
348	14.968	14.962	14.971	VV	2489	11469	0.35%	0.007%
349	14.987	14.971	14.993	VV	4457	45847	1.40%	0.027%
350	14.997	14.993	15.034	VV	4051	57712	1.77%	0.034%
351	15.055	15.034	15.063	VV	2004	25579	0.78%	0.015%

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352	15.088	15.063	15.098	VV	3475	48660	1.49%	0.029%
353	15.105	15.098	15.122	VV	3231	37960	1.16%	0.022%
354	15.125	15.122	15.135	VV	2207	13952	0.43%	0.008%
355	15.141	15.135	15.147	VV	1843	12501	0.38%	0.007%
356	15.151	15.147	15.164	VV	1762	13712	0.42%	0.008%
357	15.168	15.164	15.172	VV	1373	5905	0.18%	0.003%
358	15.183	15.172	15.193	VV	2287	20900	0.64%	0.012%
359	15.203	15.193	15.222	VV	1868	26323	0.81%	0.016%
360	15.234	15.222	15.253	VV	1962	28778	0.88%	0.017%
361	15.276	15.253	15.284	VV	3048	36532	1.12%	0.022%
362	15.288	15.284	15.319	VV	2571	40810	1.25%	0.024%
363	15.338	15.319	15.347	VV	1629	19559	0.60%	0.012%
364	15.377	15.347	15.385	VV	3467	47158	1.44%	0.028%
365	15.412	15.385	15.435	VV	5045	117323	3.59%	0.069%
366	15.457	15.435	15.477	VV	5233	86964	2.66%	0.051%
367	15.490	15.477	15.537	VV	3053	65432	2.00%	0.039%
368	15.560	15.537	15.565	PV	1473	15208	0.47%	0.009%
369	15.584	15.565	15.592	VV	2163	26759	0.82%	0.016%
370	15.636	15.592	15.654	VV	3153	91506	2.80%	0.054%
371	15.690	15.654	15.720	VV	4577	117854	3.61%	0.070%
372	15.723	15.720	15.732	VV	1837	12376	0.38%	0.007%
373	15.735	15.732	15.742	VV	1920	8936	0.27%	0.005%
374	15.754	15.742	15.759	VV	1976	16335	0.50%	0.010%
375	15.763	15.759	15.767	VV	1918	8773	0.27%	0.005%
376	15.780	15.767	15.787	VV	1998	19818	0.61%	0.012%
377	15.793	15.787	15.807	VV	1577	15957	0.49%	0.009%
378	15.817	15.807	15.824	VV	1573	14210	0.44%	0.008%
379	15.844	15.824	15.862	VV	2308	32489	1.00%	0.019%
380	15.876	15.862	15.881	VV	2647	20191	0.62%	0.012%
381	15.890	15.881	15.895	VV	2816	22617	0.69%	0.013%
382	15.911	15.895	15.917	VV	3417	39799	1.22%	0.024%
383	15.923	15.917	15.946	VV	3334	45872	1.40%	0.027%
384	15.951	15.946	15.973	VV	1559	17442	0.53%	0.010%
385	15.984	15.973	16.011	VV	1141	15699	0.48%	0.009%
386	16.027	16.011	16.034	PV	931	7716	0.24%	0.005%
387	16.069	16.034	16.092	VV	4650	90951	2.79%	0.054%
388	16.099	16.092	16.121	VV	3146	39921	1.22%	0.024%
389	16.130	16.121	16.152	VV	2672	41586	1.27%	0.025%
390	16.181	16.152	16.186	VV	2931	51313	1.57%	0.030%
391	16.207	16.186	16.235	VV	4673	100808	3.09%	0.060%
392	16.247	16.235	16.253	VV	3753	34248	1.05%	0.020%
393	16.257	16.253	16.298	VV	3619	60315	1.85%	0.036%
394	16.322	16.298	16.327	VV	2482	29233	0.90%	0.017%
395	16.341	16.327	16.347	VV	2900	28658	0.88%	0.017%
396	16.364	16.347	16.377	VV	2771	39064	1.20%	0.023%
397	16.384	16.377	16.389	VV	1532	8792	0.27%	0.005%
398	16.395	16.389	16.420	VV	1878	25708	0.79%	0.015%
399	16.429	16.420	16.434	VV	1241	7945	0.24%	0.005%
400	16.443	16.434	16.449	VV	1129	6966	0.21%	0.004%
401	16.472	16.449	16.481	VV	1420	20186	0.62%	0.012%
402	16.492	16.481	16.504	VV	1410	15805	0.48%	0.009%
403	16.510	16.504	16.512	VV	1155	4573	0.14%	0.003%
404	16.529	16.512	16.542	VV	1964	29575	0.91%	0.018%

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405	16.549	16.542	16.564	VV	2313	23329	0.71%	0.014%
406	16.579	16.564	16.594	VV	3034	43701	1.34%	0.026%
407	16.599	16.594	16.616	VV	2547	29258	0.90%	0.017%
408	16.626	16.616	16.630	VV	1790	13528	0.41%	0.008%
409	16.642	16.630	16.651	VV	2080	20773	0.64%	0.012%
410	16.672	16.651	16.687	VV	3754	53358	1.63%	0.032%
411	16.694	16.687	16.699	VV	2058	13070	0.40%	0.008%
412	16.707	16.699	16.729	VV	2576	33834	1.04%	0.020%
413	16.735	16.729	16.756	VV	1264	13639	0.42%	0.008%
414	16.780	16.756	16.788	PV	1098	8917	0.27%	0.005%
415	16.851	16.788	16.897	VV	3711	110893	3.40%	0.066%
416	16.902	16.897	16.909	VV	1069	5615	0.17%	0.003%
417	16.937	16.909	16.942	VV	1094	12100	0.37%	0.007%
418	16.949	16.942	16.953	VV	1230	5798	0.18%	0.003%
419	16.965	16.953	16.971	VV	1803	12624	0.39%	0.007%
420	16.975	16.971	16.977	VV	1156	3825	0.12%	0.002%
421	16.983	16.977	16.991	VV	1604	11549	0.35%	0.007%
422	17.003	16.991	17.023	VV	1767	25894	0.79%	0.015%
423	17.067	17.023	17.089	VV	3463	89954	2.75%	0.053%
424	17.095	17.089	17.115	VV	1603	18224	0.56%	0.011%
425	17.145	17.115	17.153	VV	2277	31736	0.97%	0.019%
426	17.157	17.153	17.167	VV	1605	10418	0.32%	0.006%
427	17.189	17.167	17.204	VV	2271	26122	0.80%	0.015%
428	17.225	17.204	17.233	VV	3122	32735	1.00%	0.019%
429	17.251	17.233	17.272	VV	2989	48973	1.50%	0.029%
430	17.313	17.272	17.328	VV	1934	46581	1.43%	0.028%
431	17.343	17.328	17.354	VV	1264	13013	0.40%	0.008%
432	17.359	17.354	17.367	VV	661	2816	0.09%	0.002%
433	17.409	17.367	17.423	PV	3012	64938	1.99%	0.038%
434	17.427	17.423	17.437	VV	1592	11429	0.35%	0.007%
435	17.448	17.437	17.455	VV	1585	14356	0.44%	0.009%
436	17.476	17.455	17.484	VV	1699	21366	0.65%	0.013%
437	17.492	17.484	17.497	VV	1540	10757	0.33%	0.006%
438	17.502	17.497	17.510	VV	1619	8778	0.27%	0.005%
439	17.525	17.510	17.543	VV	1554	19003	0.58%	0.011%
440	17.572	17.543	17.590	VV	1283	24563	0.75%	0.015%
441	17.615	17.590	17.620	VV	1826	17602	0.54%	0.010%
442	17.629	17.620	17.635	VV	1777	14520	0.44%	0.009%
443	17.664	17.635	17.670	VV	2730	46238	1.42%	0.027%
444	17.687	17.670	17.699	VV	3114	49539	1.52%	0.029%
445	17.729	17.699	17.744	VV	3287	71219	2.18%	0.042%
446	17.780	17.744	17.789	VV	1617	35841	1.10%	0.021%
447	17.799	17.789	17.817	VV	1428	18139	0.56%	0.011%
448	17.865	17.817	17.880	VV	3502	82969	2.54%	0.049%
449	17.891	17.880	17.901	VV	2775	30242	0.93%	0.018%
450	17.906	17.901	17.921	VV	1958	18635	0.57%	0.011%
451	17.949	17.921	17.954	VV	1491	22891	0.70%	0.014%
452	17.958	17.954	17.971	VV	1545	12511	0.38%	0.007%
453	17.975	17.971	17.981	VV	1173	5849	0.18%	0.003%
454	17.983	17.981	17.989	VV	804	2386	0.07%	0.001%
455	18.014	17.989	18.023	PV	1931	28339	0.87%	0.017%
456	18.036	18.023	18.045	VV	1332	14011	0.43%	0.008%

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457	18.067	18.045	18.079	VV	1599	20895	0.64%	0.012%
458	18.104	18.079	18.132	VV	2262	45577	1.40%	0.027%
459	18.148	18.132	18.168	VV	1910	28597	0.88%	0.017%
460	18.182	18.168	18.194	VV	1600	18734	0.57%	0.011%
461	18.229	18.194	18.260	VV	3604	80391	2.46%	0.048%
462	18.271	18.260	18.280	VV	1479	16244	0.50%	0.010%
463	18.290	18.280	18.296	VV	1555	11754	0.36%	0.007%
464	18.301	18.296	18.307	VV	1159	7024	0.22%	0.004%
465	18.314	18.307	18.329	VV	1262	7218	0.22%	0.004%
466	18.376	18.329	18.382	PV	1870	43840	1.34%	0.026%
467	18.413	18.382	18.417	VV	1183	21487	0.66%	0.013%
468	18.436	18.417	18.450	VV	2122	30448	0.93%	0.018%
469	18.468	18.450	18.480	VV	1276	21356	0.65%	0.013%
470	18.487	18.480	18.492	VV	604	3564	0.11%	0.002%
471	18.520	18.492	18.525	VV	1256	14220	0.44%	0.008%
472	18.569	18.525	18.593	VV	2948	70671	2.16%	0.042%
473	18.602	18.593	18.613	VV	722	6458	0.20%	0.004%
474	18.664	18.613	18.672	PV	2055	30241	0.93%	0.018%
475	18.675	18.672	18.680	VV	1325	5172	0.16%	0.003%
476	18.702	18.680	18.717	VV	2011	28643	0.88%	0.017%
477	18.736	18.717	18.754	VV	1211	20936	0.64%	0.012%
478	18.776	18.754	18.785	VV	933	13638	0.42%	0.008%
479	18.811	18.785	18.815	VV	1344	16741	0.51%	0.010%
480	18.830	18.815	18.838	VV	1679	20161	0.62%	0.012%
481	18.844	18.838	18.850	VV	1352	7801	0.24%	0.005%
482	18.875	18.850	18.887	VV	1915	32274	0.99%	0.019%
483	18.897	18.887	18.904	VV	1714	15567	0.48%	0.009%
484	18.986	18.904	19.005	VV	3987	170568	5.22%	0.101%
485	19.011	19.005	19.019	VV	2663	20931	0.64%	0.012%
486	19.084	19.019	19.092	VV	2843	114170	3.50%	0.068%
487	19.114	19.092	19.130	VV	3650	67980	2.08%	0.040%
488	19.147	19.130	19.154	VV	4022	48374	1.48%	0.029%
489	19.176	19.154	19.187	VV	4143	71957	2.20%	0.043%
490	19.204	19.187	19.217	VV	3978	66881	2.05%	0.040%
491	19.249	19.217	19.260	VV	3682	86279	2.64%	0.051%
492	19.362	19.260	19.369	VV	8915	365019	11.18%	0.216%
493	19.379	19.369	19.386	VV	8347	83961	2.57%	0.050%
494	19.405	19.386	19.418	VV	8175	150594	4.61%	0.089%
495	19.487	19.418	19.500	VV	9533	402771	12.34%	0.239%
496	19.511	19.500	19.515	VV	9024	83851	2.57%	0.050%
497	19.569	19.515	19.574	VV	13081	400609	12.27%	0.237%
498	19.594	19.574	19.604	VV	14094	242635	7.43%	0.144%
499	19.609	19.604	19.614	VV	13560	84342	2.58%	0.050%
500	19.625	19.614	19.634	VV	14085	163332	5.00%	0.097%
501	19.655	19.634	19.660	VV	15564	232565	7.12%	0.138%
502	19.678	19.660	19.688	VV	15651	255325	7.82%	0.151%
503	19.697	19.688	19.708	VV	14902	174331	5.34%	0.103%
504	19.734	19.708	19.759	VV	17475	484001	14.82%	0.287%
505	19.778	19.759	19.786	VV	18317	287712	8.81%	0.170%
506	19.793	19.786	19.807	VV	17552	210384	6.44%	0.125%
507	19.867	19.807	19.875	VV	19367	743428	22.77%	0.440%
508	19.914	19.875	19.919	VV	22469	548170	16.79%	0.325%
509	19.940	19.919	19.952	VV	24177	460218	14.09%	0.273%

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510	19.990	19.952	20.003	VV	25085	753322	23.07%	0.446%
511	20.022	20.003	20.034	VV	25085	451109	13.82%	0.267%
512	20.111	20.034	20.124	VV	28579	1448295	44.36%	0.858%
513	20.186	20.124	20.192	VV	30844	1197907	36.69%	0.709%
514	20.207	20.192	20.214	VV	31922	409082	12.53%	0.242%
515	20.227	20.214	20.236	VV	33090	409722	12.55%	0.243%
516	20.252	20.236	20.260	VV	35601	497955	15.25%	0.295%
517	20.300	20.260	20.316	VV	39409	1279023	39.17%	0.757%
518	20.363	20.316	20.376	VV	43778	1476448	45.22%	0.874%
519	20.395	20.376	20.403	VV	45632	716670	21.95%	0.424%
					Sum of corrected areas:		168876457	

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