

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF060822\
 Data File : FF010733.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jun 2022 11:49
 Sample : N3209-04 100X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF060622.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.644	1.597	1.651	BV	6455	142470	6.92%	0.121%
2	1.658	1.651	1.693	VV	6266	106770	5.18%	0.091%
3	1.710	1.693	1.730	VV	4042	77472	3.76%	0.066%
4	1.738	1.730	1.749	VV	3726	40535	1.97%	0.035%
5	1.769	1.749	1.798	VV	4147	104010	5.05%	0.089%
6	1.820	1.798	1.865	VV	6706	153388	7.45%	0.131%
7	1.890	1.865	1.929	VV	5094	131554	6.39%	0.112%
8	1.942	1.929	1.954	VV	2435	35347	1.72%	0.030%
9	1.971	1.954	2.023	VV	2813	94148	4.57%	0.080%
10	2.038	2.023	2.050	VV	2193	33816	1.64%	0.029%
11	2.063	2.050	2.074	VV	2071	28350	1.38%	0.024%
12	2.101	2.074	2.129	VV	2358	66077	3.21%	0.056%
13	2.155	2.129	2.191	VV	4502	101421	4.92%	0.086%
14	2.216	2.191	2.250	VV	5552	111616	5.42%	0.095%
15	2.279	2.250	2.298	VV	11180	156706	7.61%	0.134%
16	2.311	2.298	2.349	VV	6664	126803	6.16%	0.108%
17	2.356	2.349	2.403	VV	2632	58236	2.83%	0.050%
18	2.463	2.403	2.503	VV	7431	182472	8.86%	0.156%
19	2.508	2.503	2.529	VV	1210	15120	0.73%	0.013%
20	2.567	2.529	2.585	VV	4997	80196	3.89%	0.068%
21	2.601	2.585	2.616	VV	3163	46100	2.24%	0.039%
22	2.630	2.616	2.665	VV	2713	47832	2.32%	0.041%
23	2.708	2.665	2.724	VV	2140	41511	2.02%	0.035%
24	2.745	2.724	2.781	VV	5371	98125	4.76%	0.084%
25	2.819	2.781	2.859	VV	3445	91142	4.43%	0.078%
26	2.907	2.859	2.925	VV	13106	216666	10.52%	0.185%
27	2.935	2.925	2.964	VV	7349	103042	5.00%	0.088%
28	2.970	2.964	2.981	VV	1278	11692	0.57%	0.010%
29	2.995	2.981	3.029	VV	1807	30032	1.46%	0.026%
30	3.053	3.029	3.070	VV	1587	22728	1.10%	0.019%
31	3.087	3.070	3.098	VV	2111	25655	1.25%	0.022%
32	3.116	3.098	3.126	VV	3567	46120	2.24%	0.039%
33	3.144	3.126	3.167	VV	10779	149808	7.27%	0.128%
34	3.174	3.167	3.221	VV	2647	40674	1.97%	0.035%
35	3.269	3.221	3.287	PV	10314	139165	6.76%	0.119%
36	3.301	3.287	3.322	VV	6471	83864	4.07%	0.071%

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37	3.343	3.322	3.357	VV	4787	68120	3.31%	0.058%
38	3.372	3.357	3.393	VV	6987	97700	4.74%	0.083%
39	3.408	3.393	3.421	VV	3265	40154	1.95%	0.034%
40	3.441	3.421	3.486	VV	20072	320466	15.56%	0.273%
41	3.523	3.486	3.558	VV	7943	169253	8.22%	0.144%
42	3.579	3.558	3.620	VV	14282	283627	13.77%	0.242%
43	3.660	3.620	3.690	VV	19258	355623	17.27%	0.303%
44	3.707	3.690	3.738	VV	4914	98277	4.77%	0.084%
45	3.759	3.738	3.791	VV	16069	193235	9.38%	0.165%
46	3.826	3.791	3.837	VV	13267	195422	9.49%	0.167%
47	3.847	3.837	3.874	VV	11780	141143	6.85%	0.120%
48	3.896	3.874	3.911	VV	3557	46155	2.24%	0.039%
49	3.943	3.911	3.967	VV	6433	130419	6.33%	0.111%
50	3.991	3.967	4.008	VV	10006	178359	8.66%	0.152%
51	4.021	4.008	4.048	VV	8412	116601	5.66%	0.099%
52	4.067	4.048	4.079	VV	3157	38590	1.87%	0.033%
53	4.094	4.079	4.105	VV	5647	67746	3.29%	0.058%
54	4.122	4.105	4.136	VV	14291	175966	8.54%	0.150%
55	4.152	4.136	4.177	VV	17779	255818	12.42%	0.218%
56	4.193	4.177	4.236	VV	6679	129363	6.28%	0.110%
57	4.273	4.236	4.300	VV	11139	189410	9.20%	0.161%
58	4.321	4.300	4.348	VV	10978	195166	9.48%	0.166%
59	4.369	4.348	4.387	VV	5992	109329	5.31%	0.093%
60	4.396	4.387	4.404	VV	3311	32282	1.57%	0.028%
61	4.410	4.404	4.428	VV	3459	36975	1.80%	0.032%
62	4.450	4.428	4.496	VV	7114	128700	6.25%	0.110%
63	4.515	4.496	4.522	VV	2514	29278	1.42%	0.025%
64	4.530	4.522	4.536	VV	2507	20482	0.99%	0.017%
65	4.560	4.536	4.574	VV	10431	160932	7.81%	0.137%
66	4.591	4.574	4.622	VV	15181	307300	14.92%	0.262%
67	4.634	4.622	4.649	VV	8954	115772	5.62%	0.099%
68	4.668	4.649	4.678	VV	26303	286976	13.93%	0.245%
69	4.687	4.678	4.705	VV	22673	244023	11.85%	0.208%
70	4.739	4.705	4.758	VV	14135	329513	16.00%	0.281%
71	4.782	4.758	4.792	VV	10686	177584	8.62%	0.151%
72	4.818	4.792	4.833	VV	15616	310872	15.09%	0.265%
73	4.846	4.833	4.867	VV	19401	254748	12.37%	0.217%
74	4.887	4.867	4.928	VV	27186	436828	21.21%	0.372%
75	4.963	4.928	4.979	VV	8904	176346	8.56%	0.150%
76	4.996	4.979	5.021	VV	14082	195906	9.51%	0.167%
77	5.061	5.021	5.075	VV	10545	197715	9.60%	0.169%
78	5.085	5.075	5.109	VV	7749	111964	5.44%	0.095%
79	5.133	5.109	5.143	VV	10515	131822	6.40%	0.112%
80	5.161	5.143	5.192	VV	25878	452214	21.96%	0.385%
81	5.201	5.192	5.205	VV	8310	63597	3.09%	0.054%
82	5.216	5.205	5.236	VV	9325	126837	6.16%	0.108%
83	5.265	5.236	5.277	VV	7598	140663	6.83%	0.120%
84	5.297	5.277	5.311	VV	19206	260622	12.65%	0.222%
85	5.323	5.311	5.332	VV	13804	151482	7.36%	0.129%
86	5.340	5.332	5.349	VV	12726	122496	5.95%	0.104%
87	5.360	5.349	5.380	VV	14913	223172	10.84%	0.190%
88	5.394	5.380	5.407	VV	14892	192093	9.33%	0.164%
89	5.422	5.407	5.447	VV	13835	272692	13.24%	0.232%

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90	5.457	5.447	5.470	VV	9515	115607	5.61%	0.099%
91	5.482	5.470	5.495	VV	9750	114226	5.55%	0.097%
92	5.525	5.495	5.548	VV	35297	557621	27.08%	0.475%
93	5.561	5.548	5.568	VV	7283	79601	3.87%	0.068%
94	5.576	5.568	5.585	VV	7278	74315	3.61%	0.063%
95	5.598	5.585	5.622	VV	9467	165074	8.02%	0.141%
96	5.647	5.622	5.660	VV	9632	181224	8.80%	0.154%
97	5.694	5.660	5.712	VV	37087	580259	28.18%	0.495%
98	5.720	5.712	5.735	VV	16157	197671	9.60%	0.168%
99	5.743	5.735	5.762	VV	13186	180935	8.79%	0.154%
100	5.783	5.762	5.794	VV	13126	207594	10.08%	0.177%
101	5.826	5.794	5.845	VV	41006	678131	32.93%	0.578%
102	5.850	5.845	5.871	VV	14551	189652	9.21%	0.162%
103	5.889	5.871	5.915	VV	14076	280961	13.64%	0.239%
104	5.929	5.915	5.938	VV	13333	162562	7.89%	0.139%
105	5.949	5.938	5.974	VV	14056	204261	9.92%	0.174%
106	5.999	5.974	6.015	VV	21103	282186	13.70%	0.241%
107	6.020	6.015	6.029	VV	9827	78752	3.82%	0.067%
108	6.051	6.029	6.068	VV	21854	351041	17.05%	0.299%
109	6.080	6.068	6.089	VV	11829	137663	6.68%	0.117%
110	6.102	6.089	6.110	VV	14182	166088	8.06%	0.142%
111	6.123	6.110	6.159	VV	16996	363610	17.66%	0.310%
112	6.181	6.159	6.198	VV	15937	271647	13.19%	0.232%
113	6.232	6.198	6.254	VV	23860	539415	26.19%	0.460%
114	6.271	6.254	6.293	VV	20373	360716	17.51%	0.307%
115	6.312	6.293	6.326	VV	18454	269430	13.08%	0.230%
116	6.354	6.326	6.365	VV	21166	441540	21.44%	0.376%
117	6.371	6.365	6.383	VV	20388	195775	9.51%	0.167%
118	6.391	6.383	6.404	VV	17820	203265	9.87%	0.173%
119	6.420	6.404	6.444	VV	23369	457571	22.22%	0.390%
120	6.466	6.444	6.491	VV	23814	577420	28.04%	0.492%
121	6.495	6.491	6.509	VV	18938	192702	9.36%	0.164%
122	6.515	6.509	6.531	VV	16175	183867	8.93%	0.157%
123	6.538	6.531	6.549	VV	11496	118406	5.75%	0.101%
124	6.568	6.549	6.598	VV	16998	411480	19.98%	0.351%
125	6.630	6.598	6.636	VV	17241	328750	15.96%	0.280%
126	6.643	6.636	6.658	VV	17401	214830	10.43%	0.183%
127	6.672	6.658	6.683	VV	18428	236438	11.48%	0.202%
128	6.706	6.683	6.722	VV	63309	876958	42.58%	0.747%
129	6.734	6.722	6.763	VV	32739	555296	26.96%	0.473%
130	6.777	6.763	6.787	VV	18836	230982	11.22%	0.197%
131	6.801	6.787	6.815	VV	20499	302725	14.70%	0.258%
132	6.830	6.815	6.848	VV	20806	364713	17.71%	0.311%
133	6.873	6.848	6.898	VV	38751	732580	35.57%	0.624%
134	6.906	6.898	6.923	VV	17298	237396	11.53%	0.202%
135	6.945	6.923	6.985	VV	30255	708513	34.40%	0.604%
136	7.006	6.985	7.027	VV	20423	437264	21.23%	0.373%
137	7.043	7.027	7.056	VV	22086	340631	16.54%	0.290%
138	7.077	7.056	7.097	VV	28663	567967	27.58%	0.484%
139	7.116	7.097	7.148	VV	27474	643946	31.27%	0.549%
140	7.176	7.148	7.191	VV	28296	563172	27.35%	0.480%
141	7.199	7.191	7.218	VV	21041	288412	14.00%	0.246%

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142	7.228	7.218	7.241	VV	15515	192800	9.36%	0.164%
143	7.272	7.241	7.306	VV	94811	1551221	75.32%	1.322%
144	7.326	7.306	7.347	VV	31718	563809	27.38%	0.481%
145	7.368	7.347	7.384	VV	34917	556797	27.04%	0.475%
146	7.393	7.384	7.407	VV	20387	254829	12.37%	0.217%
147	7.460	7.407	7.515	VV	27559	1350609	65.58%	1.151%
148	7.542	7.515	7.574	VV	25080	725845	35.24%	0.619%
149	7.579	7.574	7.591	VV	20195	197511	9.59%	0.168%
150	7.604	7.591	7.608	VV	20131	207992	10.10%	0.177%
151	7.623	7.608	7.643	VV	23530	439509	21.34%	0.375%
152	7.669	7.643	7.698	VV	45946	945738	45.92%	0.806%
153	7.714	7.698	7.734	VV	24711	413513	20.08%	0.352%
154	7.773	7.734	7.793	VV	23866	662828	32.18%	0.565%
155	7.832	7.793	7.849	VV	36540	830065	40.30%	0.707%
156	7.861	7.849	7.904	VV	22055	609225	29.58%	0.519%
157	7.922	7.904	7.943	VV	26399	482726	23.44%	0.411%
158	7.961	7.943	7.986	VV	23636	506268	24.58%	0.431%
159	8.013	7.986	8.024	VV	19967	429756	20.87%	0.366%
160	8.075	8.024	8.087	VV	26196	863996	41.95%	0.736%
161	8.099	8.087	8.112	VV	26121	368862	17.91%	0.314%
162	8.119	8.112	8.146	VV	22429	405403	19.68%	0.346%
163	8.195	8.146	8.220	VV	94474	1756942	85.31%	1.497%
164	8.239	8.220	8.261	VV	30222	597686	29.02%	0.509%
165	8.284	8.261	8.300	VV	59759	870216	42.25%	0.742%
166	8.312	8.300	8.330	VV	41950	573044	27.82%	0.488%
167	8.347	8.330	8.386	VV	27659	805515	39.11%	0.687%
168	8.401	8.386	8.408	VV	24185	294689	14.31%	0.251%
169	8.428	8.408	8.451	VV	31546	755149	36.67%	0.644%
170	8.460	8.451	8.482	VV	30944	502363	24.39%	0.428%
171	8.493	8.482	8.505	VV	23100	303323	14.73%	0.259%
172	8.523	8.505	8.541	VV	43415	666362	32.36%	0.568%
173	8.558	8.541	8.571	VV	28971	441539	21.44%	0.376%
174	8.584	8.571	8.600	VV	26625	420327	20.41%	0.358%
175	8.615	8.600	8.636	VV	25342	489111	23.75%	0.417%
176	8.652	8.636	8.688	VV	23350	676361	32.84%	0.576%
177	8.704	8.688	8.712	VV	20211	277423	13.47%	0.236%
178	8.730	8.712	8.746	VV	32143	524046	25.45%	0.447%
179	8.756	8.746	8.782	VV	25160	501292	24.34%	0.427%
180	8.789	8.782	8.804	VV	20997	270028	13.11%	0.230%
181	8.825	8.804	8.851	VV	33015	720035	34.96%	0.614%
182	8.855	8.851	8.862	VV	20609	142228	6.91%	0.121%
183	8.886	8.862	8.897	VV	31655	545232	26.47%	0.465%
184	8.916	8.897	8.943	VV	90052	1362885	66.18%	1.162%
185	8.957	8.943	8.971	VV	22204	353518	17.17%	0.301%
186	8.988	8.971	9.000	VV	28470	415877	20.19%	0.354%
187	9.011	9.000	9.026	VV	27534	387447	18.81%	0.330%
188	9.044	9.026	9.049	VV	27551	360164	17.49%	0.307%
189	9.059	9.049	9.074	VV	28893	398503	19.35%	0.340%
190	9.084	9.074	9.102	VV	25530	399334	19.39%	0.340%
191	9.137	9.102	9.164	VV	31807	948819	46.07%	0.809%
192	9.180	9.164	9.197	VV	37174	578421	28.09%	0.493%
193	9.221	9.197	9.261	VV	43182	1048338	50.90%	0.894%
194	9.283	9.261	9.306	VV	26270	563016	27.34%	0.480%

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195	9.335	9.306	9.354	VV	37616	757801	36.80%	0.646%
196	9.366	9.354	9.382	VV	27473	389956	18.93%	0.332%
197	9.399	9.382	9.411	VV	21185	333308	16.18%	0.284%
198	9.473	9.411	9.493	VV	36105	1209561	58.73%	1.031%
199	9.500	9.493	9.512	VV	22295	249433	12.11%	0.213%
200	9.525	9.512	9.537	VV	21185	302540	14.69%	0.258%
201	9.575	9.537	9.608	VV	32399	986733	47.91%	0.841%
202	9.633	9.608	9.644	VV	33853	571102	27.73%	0.487%
203	9.654	9.644	9.684	VV	32548	605747	29.41%	0.516%
204	9.689	9.684	9.693	VV	19005	96768	4.70%	0.082%
205	9.710	9.693	9.719	VV	21332	324743	15.77%	0.277%
206	9.737	9.719	9.752	VV	34115	553709	26.89%	0.472%
207	9.757	9.752	9.778	VV	24697	323266	15.70%	0.276%
208	9.802	9.778	9.811	VV	19292	363703	17.66%	0.310%
209	9.818	9.811	9.862	VV	18511	534800	25.97%	0.456%
210	9.889	9.862	9.908	VV	22852	562342	27.31%	0.479%
211	9.933	9.908	9.960	VV	30713	771038	37.44%	0.657%
212	9.980	9.960	9.996	VV	24284	485751	23.59%	0.414%
213	10.010	9.996	10.020	VV	20837	288671	14.02%	0.246%
214	10.034	10.020	10.050	VV	22365	385691	18.73%	0.329%
215	10.080	10.050	10.114	VV	23686	775279	37.64%	0.661%
216	10.143	10.114	10.172	VV	22594	665512	32.31%	0.567%
217	10.208	10.172	10.232	VV	19919	661790	32.13%	0.564%
218	10.251	10.232	10.277	VV	20035	498897	24.22%	0.425%
219	10.300	10.277	10.318	VV	23595	485927	23.59%	0.414%
220	10.326	10.318	10.336	VV	17611	184229	8.95%	0.157%
221	10.368	10.336	10.393	VV	62566	1252484	60.82%	1.068%
222	10.409	10.393	10.415	VV	24939	311488	15.12%	0.265%
223	10.433	10.415	10.460	VV	27028	644015	31.27%	0.549%
224	10.475	10.460	10.494	VV	22840	432703	21.01%	0.369%
225	10.511	10.494	10.532	VV	25708	484970	23.55%	0.413%
226	10.553	10.532	10.589	VV	22686	661262	32.11%	0.564%
227	10.613	10.589	10.626	VV	21794	438084	21.27%	0.373%
228	10.647	10.626	10.671	VV	23607	573184	27.83%	0.489%
229	10.692	10.671	10.702	VV	22858	393277	19.10%	0.335%
230	10.721	10.702	10.742	VV	25888	539480	26.20%	0.460%
231	10.790	10.742	10.817	VV	107117	2059471	100.00%	1.755%
232	10.834	10.817	10.872	VV	23604	674052	32.73%	0.575%
233	10.913	10.872	10.931	VV	20394	657728	31.94%	0.561%
234	10.951	10.931	10.968	VV	23021	477281	23.17%	0.407%
235	10.974	10.968	11.010	VV	21100	484733	23.54%	0.413%
236	11.049	11.010	11.077	VV	21087	754163	36.62%	0.643%
237	11.111	11.077	11.154	VV	24792	899913	43.70%	0.767%
238	11.187	11.154	11.213	VV	18649	623476	30.27%	0.531%
239	11.224	11.213	11.228	VV	17360	161598	7.85%	0.138%
240	11.255	11.228	11.259	VV	19353	332148	16.13%	0.283%
241	11.269	11.259	11.291	VV	20001	363431	17.65%	0.310%
242	11.303	11.291	11.309	VV	18427	203225	9.87%	0.173%
243	11.314	11.309	11.325	VV	18462	169178	8.21%	0.144%
244	11.343	11.325	11.357	VV	19717	372848	18.10%	0.318%
245	11.369	11.357	11.394	VV	19339	419575	20.37%	0.358%
246	11.411	11.394	11.437	VV	18875	476038	23.11%	0.406%

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247	11.443	11.437	11.458	VV	18471	223424	10.85%	0.190%
248	11.476	11.458	11.483	VV	20104	274572	13.33%	0.234%
249	11.510	11.483	11.544	VV	66855	1327054	64.44%	1.131%
250	11.552	11.544	11.563	VV	17514	199371	9.68%	0.170%
251	11.573	11.563	11.592	VV	17637	280594	13.62%	0.239%
252	11.611	11.592	11.634	VV	18537	426029	20.69%	0.363%
253	11.692	11.634	11.706	VV	19225	714975	34.72%	0.609%
254	11.710	11.706	11.728	VV	18725	239695	11.64%	0.204%
255	11.739	11.728	11.768	VV	16836	387303	18.81%	0.330%
256	11.785	11.768	11.834	VV	18632	627312	30.46%	0.535%
257	11.857	11.834	11.872	VV	15939	339250	16.47%	0.289%
258	11.903	11.872	11.919	VV	19649	495454	24.06%	0.422%
259	11.932	11.919	11.953	VV	17952	343730	16.69%	0.293%
260	11.968	11.953	11.998	VV	16989	422367	20.51%	0.360%
261	12.022	11.998	12.033	VV	15410	316193	15.35%	0.269%
262	12.068	12.033	12.139	VV	28711	1117253	54.25%	0.952%
263	12.158	12.139	12.177	VV	15121	315109	15.30%	0.269%
264	12.197	12.177	12.265	VV	16387	740894	35.97%	0.631%
265	12.290	12.265	12.322	VV	15788	475701	23.10%	0.405%
266	12.334	12.322	12.344	VV	13320	172239	8.36%	0.147%
267	12.355	12.344	12.372	VV	13110	215305	10.45%	0.184%
268	12.378	12.372	12.393	VV	13073	160558	7.80%	0.137%
269	12.405	12.393	12.419	VV	12519	184442	8.96%	0.157%
270	12.439	12.419	12.464	VV	13449	338362	16.43%	0.288%
271	12.469	12.464	12.477	VV	11868	96537	4.69%	0.082%
272	12.498	12.477	12.511	VV	12060	234606	11.39%	0.200%
273	12.519	12.511	12.531	VV	11758	139920	6.79%	0.119%
274	12.544	12.531	12.558	VV	12534	199089	9.67%	0.170%
275	12.569	12.558	12.582	VV	11780	165665	8.04%	0.141%
276	12.588	12.582	12.595	VV	11999	93897	4.56%	0.080%
277	12.601	12.595	12.625	VV	12141	210854	10.24%	0.180%
278	12.651	12.625	12.674	VV	18317	427417	20.75%	0.364%
279	12.688	12.674	12.704	VV	12392	213086	10.35%	0.182%
280	12.728	12.704	12.750	VV	14185	340380	16.53%	0.290%
281	12.764	12.750	12.778	VV	10879	174208	8.46%	0.148%
282	12.787	12.778	12.799	VV	10280	125048	6.07%	0.107%
283	12.824	12.799	12.854	VV	10304	331185	16.08%	0.282%
284	12.869	12.854	12.887	VV	10908	204866	9.95%	0.175%
285	12.899	12.887	12.942	VV	9744	294888	14.32%	0.251%
286	12.959	12.942	12.964	VV	8885	109758	5.33%	0.094%
287	12.969	12.964	12.976	VV	8868	65228	3.17%	0.056%
288	12.988	12.976	12.993	VV	8994	92392	4.49%	0.079%
289	13.009	12.993	13.039	VV	9406	241368	11.72%	0.206%
290	13.060	13.039	13.090	VV	9894	276858	13.44%	0.236%
291	13.100	13.090	13.119	VV	9125	146760	7.13%	0.125%
292	13.140	13.119	13.162	VV	8767	215371	10.46%	0.184%
293	13.172	13.162	13.189	VV	8755	136870	6.65%	0.117%
294	13.224	13.189	13.264	VV	13379	462200	22.44%	0.394%
295	13.269	13.264	13.292	VV	8688	137884	6.70%	0.118%
296	13.300	13.292	13.321	VV	7771	126216	6.13%	0.108%
297	13.356	13.321	13.381	VV	7870	263258	12.78%	0.224%
298	13.397	13.381	13.419	VV	7961	163782	7.95%	0.140%
299	13.436	13.419	13.446	VV	6941	107397	5.21%	0.092%

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300	13.458	13.446	13.479	VV	7104	136631	6.63%	0.116%
301	13.494	13.479	13.516	VV	7293	152292	7.39%	0.130%
302	13.562	13.516	13.599	VV	9824	361191	17.54%	0.308%
303	13.608	13.599	13.632	VV	7032	130360	6.33%	0.111%
304	13.652	13.632	13.701	VV	7163	260663	12.66%	0.222%
305	13.705	13.701	13.712	VV	5816	38885	1.89%	0.033%
306	13.723	13.712	13.729	VV	5698	54143	2.63%	0.046%
307	13.734	13.729	13.739	VV	5745	34888	1.69%	0.030%
308	13.770	13.739	13.812	VV	7680	287545	13.96%	0.245%
309	13.837	13.812	13.882	VV	8101	267701	13.00%	0.228%
310	13.909	13.882	13.947	VV	5810	201467	9.78%	0.172%
311	13.969	13.947	13.987	VV	5389	120473	5.85%	0.103%
312	14.007	13.987	14.022	VV	5483	104360	5.07%	0.089%
313	14.041	14.022	14.047	VV	5122	75486	3.67%	0.064%
314	14.069	14.047	14.094	VV	5850	144020	6.99%	0.123%
315	14.108	14.094	14.121	VV	5194	80044	3.89%	0.068%
316	14.158	14.121	14.187	VV	8182	245796	11.93%	0.209%
317	14.192	14.187	14.196	VV	4728	24176	1.17%	0.021%
318	14.223	14.196	14.239	VV	5642	131045	6.36%	0.112%
319	14.243	14.239	14.260	VV	4847	57796	2.81%	0.049%
320	14.278	14.260	14.284	VV	4751	62201	3.02%	0.053%
321	14.311	14.284	14.352	VV	5585	198292	9.63%	0.169%
322	14.361	14.352	14.379	VV	4391	69309	3.37%	0.059%
323	14.389	14.379	14.407	VV	4503	71991	3.50%	0.061%
324	14.413	14.407	14.438	VV	4232	71876	3.49%	0.061%
325	14.443	14.438	14.456	VV	3545	35749	1.74%	0.030%
326	14.482	14.456	14.512	VV	4022	118314	5.74%	0.101%
327	14.533	14.512	14.538	VV	3681	52820	2.56%	0.045%
328	14.558	14.538	14.576	VV	4329	88570	4.30%	0.075%
329	14.581	14.576	14.586	VV	3999	23734	1.15%	0.020%
330	14.613	14.586	14.671	VV	5825	224158	10.88%	0.191%
331	14.687	14.671	14.692	VV	3142	37557	1.82%	0.032%
332	14.726	14.692	14.743	VV	4338	111137	5.40%	0.095%
333	14.752	14.743	14.756	VV	3780	27754	1.35%	0.024%
334	14.764	14.756	14.785	VV	3949	64178	3.12%	0.055%
335	14.792	14.785	14.799	VV	3144	25421	1.23%	0.022%
336	14.820	14.799	14.840	VV	4684	92052	4.47%	0.078%
337	14.857	14.840	14.881	VV	3377	75979	3.69%	0.065%
338	14.929	14.881	14.967	VV	3477	151510	7.36%	0.129%
339	14.979	14.967	15.004	VV	2464	51296	2.49%	0.044%
340	15.032	15.004	15.038	VV	3072	54936	2.67%	0.047%
341	15.043	15.038	15.049	VV	2824	18371	0.89%	0.016%
342	15.084	15.049	15.130	VV	3399	139255	6.76%	0.119%
343	15.161	15.130	15.204	VV	3853	126108	6.12%	0.107%
344	15.217	15.204	15.244	VV	2430	52981	2.57%	0.045%
345	15.280	15.244	15.300	VV	3317	92731	4.50%	0.079%
346	15.314	15.300	15.336	VV	2642	49189	2.39%	0.042%
347	15.352	15.336	15.376	VV	2479	52266	2.54%	0.045%
348	15.382	15.376	15.387	VV	2086	14318	0.70%	0.012%
349	15.400	15.387	15.418	VV	2211	38338	1.86%	0.033%
350	15.451	15.418	15.457	VV	2805	57115	2.77%	0.049%
351	15.460	15.457	15.488	VV	2677	39661	1.93%	0.034%

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352	15.493	15.488	15.509	VV	1834	20572	1.00%	0.018%
353	15.537	15.509	15.541	VV	2257	35161	1.71%	0.030%
354	15.572	15.541	15.638	VV	4222	169063	8.21%	0.144%
355	15.644	15.638	15.649	VV	1690	10849	0.53%	0.009%
356	15.657	15.649	15.688	VV	1895	37979	1.84%	0.032%
357	15.704	15.688	15.714	VV	1663	22728	1.10%	0.019%
358	15.726	15.714	15.732	VV	1753	16273	0.79%	0.014%
359	15.748	15.732	15.765	VV	1986	35363	1.72%	0.030%
360	15.768	15.765	15.774	VV	1768	9597	0.47%	0.008%
361	15.795	15.774	15.820	VV	2292	52686	2.56%	0.045%
362	15.857	15.820	15.904	VV	3732	125347	6.09%	0.107%
363	15.911	15.904	15.919	VV	1700	14862	0.72%	0.013%
364	15.923	15.919	15.929	VV	1801	10120	0.49%	0.009%
365	15.939	15.929	15.965	VV	1826	34841	1.69%	0.030%
366	15.972	15.965	15.988	VV	1426	17659	0.86%	0.015%
367	16.008	15.988	16.027	VV	1678	32870	1.60%	0.028%
368	16.045	16.027	16.050	VV	2047	24275	1.18%	0.021%
369	16.083	16.050	16.137	VV	3167	105148	5.11%	0.090%
370	16.145	16.137	16.152	VV	1225	9539	0.46%	0.008%
371	16.156	16.152	16.172	VV	1175	12995	0.63%	0.011%
372	16.222	16.172	16.247	VV	2482	76742	3.73%	0.065%
373	16.280	16.247	16.317	VV	2421	77100	3.74%	0.066%
374	16.363	16.317	16.437	VV	3736	166016	8.06%	0.141%
375	16.443	16.437	16.459	VV	1239	15282	0.74%	0.013%
376	16.474	16.459	16.480	VV	1749	19004	0.92%	0.016%
377	16.488	16.480	16.504	VV	1768	23564	1.14%	0.020%
378	16.509	16.504	16.516	VV	1583	10285	0.50%	0.009%
379	16.525	16.516	16.542	VV	1952	23060	1.12%	0.020%
380	16.550	16.542	16.555	VV	1185	9301	0.45%	0.008%
381	16.565	16.555	16.589	VV	1408	24868	1.21%	0.021%
382	16.598	16.589	16.606	VV	1378	12222	0.59%	0.010%
383	16.611	16.606	16.616	VV	1411	8571	0.42%	0.007%
384	16.619	16.616	16.636	VV	1375	15588	0.76%	0.013%
385	16.641	16.636	16.647	VV	1162	6916	0.34%	0.006%
386	16.673	16.647	16.677	VV	1474	22049	1.07%	0.019%
387	16.688	16.677	16.709	VV	1516	27298	1.33%	0.023%
388	16.748	16.709	16.806	VV	2803	112214	5.45%	0.096%
389	16.816	16.806	16.821	VV	1311	10641	0.52%	0.009%
390	16.825	16.821	16.827	VV	1346	4765	0.23%	0.004%
391	16.848	16.827	16.852	VV	2040	24998	1.21%	0.021%
392	16.858	16.852	16.915	VV	2042	48895	2.37%	0.042%
393	16.933	16.915	16.940	VV	871	10893	0.53%	0.009%
394	17.000	16.940	17.027	VV	2453	75844	3.68%	0.065%
395	17.038	17.027	17.053	VV	1211	16142	0.78%	0.014%
396	17.073	17.053	17.091	VV	990	18016	0.87%	0.015%
397	17.108	17.091	17.116	VV	1335	15910	0.77%	0.014%
398	17.123	17.116	17.131	VV	1339	10426	0.51%	0.009%
399	17.148	17.131	17.176	VV	1624	36272	1.76%	0.031%
400	17.218	17.176	17.247	VV	3023	79610	3.87%	0.068%
401	17.251	17.247	17.257	VV	1113	5544	0.27%	0.005%
402	17.263	17.257	17.268	VV	966	5304	0.26%	0.005%
403	17.302	17.268	17.333	VV	1611	48774	2.37%	0.042%
404	17.362	17.333	17.367	VV	1285	22616	1.10%	0.019%

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405	17.374	17.367	17.410	VV	1724	29847	1.45%	0.025%
406	17.455	17.410	17.486	VV	5201	100485	4.88%	0.086%
407	17.504	17.486	17.521	VV	840	12207	0.59%	0.010%
408	17.554	17.521	17.607	VV	2105	70494	3.42%	0.060%
409	17.616	17.607	17.631	VV	833	9685	0.47%	0.008%
410	17.643	17.631	17.648	VV	782	7360	0.36%	0.006%
411	17.652	17.648	17.660	VV	812	5088	0.25%	0.004%
412	17.669	17.660	17.680	VV	655	6284	0.31%	0.005%
413	17.717	17.680	17.732	VV	671	12283	0.60%	0.010%
414	17.738	17.732	17.742	VV	273	945	0.05%	0.001%
415	17.765	17.742	17.780	VV	1064	17238	0.84%	0.015%
416	17.802	17.780	17.807	VV	1437	19858	0.96%	0.017%
417	17.812	17.807	17.829	VV	1427	16272	0.79%	0.014%
418	17.838	17.829	17.853	VV	1308	18140	0.88%	0.015%
419	17.873	17.853	17.919	VV	1868	41411	2.01%	0.035%
420	17.935	17.919	17.942	VV	523	6278	0.30%	0.005%
421	17.950	17.942	17.957	VV	734	5208	0.25%	0.004%
422	17.962	17.957	17.970	VV	606	4174	0.20%	0.004%
423	18.004	17.970	18.062	VV	1998	63564	3.09%	0.054%
424	18.081	18.062	18.084	VV	714	7734	0.38%	0.007%
425	18.089	18.084	18.096	VV	761	4864	0.24%	0.004%
426	18.107	18.096	18.127	VV	618	7364	0.36%	0.006%
427	18.157	18.127	18.184	VV	1405	28708	1.39%	0.024%
428	18.187	18.184	18.196	VV	789	4358	0.21%	0.004%
429	18.242	18.196	18.277	VV	1719	52149	2.53%	0.044%
430	18.299	18.277	18.338	VV	1808	31376	1.52%	0.027%
431	18.371	18.338	18.404	VV	1722	32932	1.60%	0.028%
432	18.409	18.404	18.421	VV	355	2400	0.12%	0.002%
433	18.428	18.421	18.433	VV	345	1516	0.07%	0.001%
434	18.439	18.433	18.446	VV	262	1208	0.06%	0.001%
435	18.453	18.446	18.465	VV	117	930	0.05%	0.001%
436	18.493	18.465	18.497	PV	450	4306	0.21%	0.004%
437	18.501	18.497	18.511	VV	526	3132	0.15%	0.003%
438	18.516	18.511	18.529	VV	315	2653	0.13%	0.002%
439	18.534	18.529	18.539	VV	264	1155	0.06%	0.001%
440	18.570	18.539	18.579	VV	1112	16248	0.79%	0.014%
441	18.584	18.579	18.639	VV	931	15462	0.75%	0.013%
442	18.645	18.639	18.652	VV	211	1415	0.07%	0.001%
443	18.661	18.652	18.666	VV	352	2350	0.11%	0.002%
444	18.707	18.666	18.752	VV	2011	41991	2.04%	0.036%
445	18.757	18.752	18.769	VV	316	2372	0.12%	0.002%
446	18.797	18.769	18.816	VV	911	14132	0.69%	0.012%
447	18.839	18.816	18.855	VV	659	11354	0.55%	0.010%
448	18.861	18.855	18.867	VV	576	4042	0.20%	0.003%
449	18.893	18.867	18.916	VV	800	17662	0.86%	0.015%
450	18.920	18.916	18.935	VV	460	4045	0.20%	0.003%
451	18.941	18.935	18.949	VV	297	2178	0.11%	0.002%
452	18.976	18.949	18.997	VV	563	13493	0.66%	0.012%
453	19.004	18.997	19.008	VV	514	3276	0.16%	0.003%
454	19.011	19.008	19.015	VV	502	1881	0.09%	0.002%
455	19.018	19.015	19.021	VV	553	1863	0.09%	0.002%
456	19.024	19.021	19.029	VV	484	1823	0.09%	0.002%

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457	19.034	19.029	19.041	VV	398	2614	0.13%	0.002%
458	19.052	19.041	19.063	VV	731	7286	0.35%	0.006%
459	19.076	19.063	19.081	VV	593	5737	0.28%	0.005%
460	19.106	19.081	19.148	VV	2040	46479	2.26%	0.040%
461	19.152	19.148	19.164	VV	656	5028	0.24%	0.004%
462	19.166	19.164	19.171	VV	510	1648	0.08%	0.001%
463	19.184	19.171	19.188	VV	540	4941	0.24%	0.004%
464	19.194	19.188	19.224	VV	615	8986	0.44%	0.008%
465	19.235	19.224	19.241	VV	269	1757	0.09%	0.001%
466	19.278	19.241	19.359	PV	1454	42405	2.06%	0.036%
467	19.387	19.359	19.406	PV	272	5509	0.27%	0.005%
468	19.408	19.406	19.427	VV	246	2061	0.10%	0.002%
469	19.433	19.427	19.439	VV	337	1411	0.07%	0.001%
470	19.444	19.439	19.449	VV	202	981	0.05%	0.001%
471	19.457	19.449	19.466	VV	214	1722	0.08%	0.001%
472	19.492	19.466	19.563	VV	1904	48766	2.37%	0.042%
473	19.601	19.563	19.605	PV	484	6296	0.31%	0.005%
474	19.615	19.605	19.619	VV	481	3465	0.17%	0.003%
475	19.655	19.619	19.662	VV	916	16983	0.82%	0.014%
476	19.681	19.662	19.686	VV	980	12888	0.63%	0.011%
477	19.689	19.686	19.693	VV	942	3973	0.19%	0.003%
478	19.702	19.693	19.707	VV	955	7170	0.35%	0.006%
479	19.785	19.707	19.831	VV	2733	109851	5.33%	0.094%
480	19.868	19.831	19.885	VV	2122	49415	2.40%	0.042%
481	19.904	19.885	19.934	VV	1770	47511	2.31%	0.040%
482	20.017	19.934	20.066	VV	2697	164804	8.00%	0.140%
483	20.069	20.066	20.076	VV	1746	10370	0.50%	0.009%
484	20.128	20.076	20.170	VV	1792	91530	4.44%	0.078%
485	20.180	20.170	20.189	VV	1395	15244	0.74%	0.013%
486	20.228	20.189	20.245	VV	2505	64167	3.12%	0.055%
487	20.274	20.245	20.310	VV	3500	98247	4.77%	0.084%
488	20.324	20.310	20.329	VV	2060	21292	1.03%	0.018%
489	20.398	20.329	20.404	VV	2621	102438	4.97%	0.087%
490	20.410	20.404	20.416	VV	2704	19761	0.96%	0.017%
491	20.491	20.416	20.506	VV	3017	150776	7.32%	0.129%
492	20.511	20.506	20.514	VV	2976	14435	0.70%	0.012%
493	20.582	20.514	20.597	VV	4322	172189	8.36%	0.147%
494	20.620	20.597	20.625	VV	4189	69891	3.39%	0.060%
495	20.680	20.625	20.685	VV	4307	152531	7.41%	0.130%
496	20.741	20.685	20.768	VV	6566	263723	12.81%	0.225%
497	20.775	20.768	20.781	VV	5458	42556	2.07%	0.036%
498	20.801	20.781	20.821	VV	5483	125831	6.11%	0.107%
499	20.824	20.821	20.841	VV	5162	60596	2.94%	0.052%
500	20.843	20.841	20.850	VV	4998	27943	1.36%	0.024%
501	20.874	20.850	20.880	VV	4961	88349	4.29%	0.075%
502	20.893	20.880	20.899	VV	5067	57029	2.77%	0.049%
503	20.933	20.899	20.956	VV	5403	173203	8.41%	0.148%
504	20.966	20.956	20.984	VV	4837	79689	3.87%	0.068%
505	20.991	20.984	21.051	VV	4586	172416	8.37%	0.147%
506	21.095	21.051	21.105	VV	4323	136916	6.65%	0.117%
507	21.144	21.105	21.170	VV	4203	159480	7.74%	0.136%
508	21.175	21.170	21.198	VV	3868	64745	3.14%	0.055%
509	21.231	21.198	21.262	VV	4868	165748	8.05%	0.141%

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510	21.320	21.262	21.360	VV	4138	233277	11.33%	0.199%
511	21.417	21.360	21.526	VV	4068	337020	16.36%	0.287%
512	21.531	21.526	21.567	VV	2069	43591	2.12%	0.037%
513	21.572	21.567	21.612	VV	1546	35182	1.71%	0.030%
514	21.641	21.612	21.671	VV	1168	36155	1.76%	0.031%
515	21.677	21.671	21.724	VV	748	14503	0.70%	0.012%
516	21.808	21.724	21.859	VV	1037	45079	2.19%	0.038%
					Sum of corrected areas:		117327699	

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