

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040822\
 Data File : FF010305.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2022 13:06
 Sample : N2301-13 500X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040122.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.013	1.998	2.020	BV	1746	18780	1.33%	0.021%
2	2.041	2.020	2.052	VV	7868	85121	6.04%	0.095%
3	2.057	2.052	2.082	VV	4542	45682	3.24%	0.051%
4	2.105	2.082	2.122	VV	3601	48410	3.43%	0.054%
5	2.135	2.122	2.148	VV	1637	23886	1.69%	0.027%
6	2.169	2.148	2.182	VV	2386	35755	2.54%	0.040%
7	2.186	2.182	2.198	VV	1470	12857	0.91%	0.014%
8	2.212	2.198	2.250	VV	7589	86900	6.17%	0.097%
9	2.276	2.250	2.303	VV	5810	76160	5.40%	0.085%
10	2.307	2.303	2.313	VV	988	5306	0.38%	0.006%
11	2.325	2.313	2.333	VV	1582	16122	1.14%	0.018%
12	2.345	2.333	2.374	VV	1792	30784	2.18%	0.034%
13	2.383	2.374	2.389	VV	4227	10902	0.77%	0.012%
14	2.401	2.389	2.415	VV	1600	19505	1.38%	0.022%
15	2.425	2.415	2.434	VV	1321	13177	0.93%	0.015%
16	2.440	2.434	2.448	VV	1219	9875	0.70%	0.011%
17	2.460	2.448	2.478	VV	1672	22470	1.59%	0.025%
18	2.499	2.478	2.532	VV	3970	59983	4.26%	0.067%
19	2.548	2.532	2.558	VV	6857	64551	4.58%	0.072%
20	2.565	2.558	2.583	VV	5199	49183	3.49%	0.055%
21	2.600	2.583	2.615	VV	13808	120932	8.58%	0.135%
22	2.628	2.615	2.658	VV	5541	76294	5.41%	0.085%
23	2.665	2.658	2.698	VV	1681	26748	1.90%	0.030%
24	2.751	2.698	2.779	VV	7367	119887	8.51%	0.133%
25	2.791	2.779	2.805	VV	1172	13865	0.98%	0.015%
26	2.836	2.805	2.851	VV	3989	53779	3.82%	0.060%
27	2.864	2.851	2.877	VV	2033	23540	1.67%	0.026%
28	2.887	2.877	2.907	VV	1961	22996	1.63%	0.026%
29	2.920	2.907	2.937	VV	2368	29665	2.10%	0.033%
30	2.950	2.937	2.965	VV	2008	25003	1.77%	0.028%
31	2.981	2.965	2.992	VV	5546	54699	3.88%	0.061%
32	2.998	2.992	3.014	VV	4445	39830	2.83%	0.044%
33	3.027	3.014	3.033	VV	1851	18492	1.31%	0.021%
34	3.044	3.033	3.068	VV	4371	54315	3.85%	0.060%
35	3.078	3.068	3.092	VV	1344	14306	1.01%	0.016%
36	3.115	3.092	3.128	VV	6679	94471	6.70%	0.105%

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37	3.139	3.128	3.162	VV	5015	56024	3.97%	0.062%
38	3.170	3.162	3.178	VV	658	5981	0.42%	0.007%
39	3.187	3.178	3.214	VV	803	11213	0.80%	0.012%
40	3.238	3.214	3.252	VV	2000	20213	1.43%	0.023%
41	3.267	3.252	3.274	VV	2321	21148	1.50%	0.024%
42	3.287	3.274	3.298	VV	4388	43769	3.11%	0.049%
43	3.313	3.298	3.329	VV	9528	96788	6.87%	0.108%
44	3.337	3.329	3.374	VV	2523	29168	2.07%	0.032%
45	3.393	3.374	3.403	PV	1097	9681	0.69%	0.011%
46	3.419	3.403	3.433	VV	5394	54058	3.84%	0.060%
47	3.442	3.433	3.460	VV	3782	40472	2.87%	0.045%
48	3.476	3.460	3.481	VV	2848	25588	1.82%	0.028%
49	3.497	3.481	3.525	VV	5100	80425	5.71%	0.090%
50	3.536	3.525	3.546	VV	2730	23066	1.64%	0.026%
51	3.566	3.546	3.595	VV	9500	150857	10.70%	0.168%
52	3.625	3.595	3.644	VV	5479	88788	6.30%	0.099%
53	3.669	3.644	3.693	VV	18157	249261	17.69%	0.278%
54	3.698	3.693	3.713	VV	5933	55881	3.96%	0.062%
55	3.741	3.713	3.756	VV	14197	179993	12.77%	0.200%
56	3.761	3.756	3.775	VV	3803	31391	2.23%	0.035%
57	3.790	3.775	3.819	VV	5797	77185	5.48%	0.086%
58	3.837	3.819	3.858	VV	18028	164802	11.69%	0.184%
59	3.883	3.858	3.930	VV	10311	212405	15.07%	0.237%
60	3.964	3.930	3.979	VV	9194	128918	9.15%	0.144%
61	3.993	3.979	4.011	VV	5589	70217	4.98%	0.078%
62	4.026	4.011	4.042	VV	7350	90888	6.45%	0.101%
63	4.059	4.042	4.082	VV	7973	103088	7.31%	0.115%
64	4.107	4.082	4.116	VV	3912	47559	3.37%	0.053%
65	4.143	4.116	4.155	VV	6848	116008	8.23%	0.129%
66	4.170	4.155	4.193	VV	9018	123169	8.74%	0.137%
67	4.209	4.193	4.248	VV	6974	101151	7.18%	0.113%
68	4.279	4.248	4.298	PV	7243	99181	7.04%	0.110%
69	4.319	4.298	4.329	VV	6118	79406	5.63%	0.088%
70	4.334	4.329	4.344	VV	5067	43293	3.07%	0.048%
71	4.352	4.344	4.369	VV	4590	60332	4.28%	0.067%
72	4.374	4.369	4.393	VV	3048	37609	2.67%	0.042%
73	4.406	4.393	4.418	VV	3466	37402	2.65%	0.042%
74	4.434	4.418	4.471	VV	6912	101408	7.19%	0.113%
75	4.480	4.471	4.492	VV	1439	15903	1.13%	0.018%
76	4.525	4.492	4.548	VV	6734	144569	10.26%	0.161%
77	4.564	4.548	4.578	VV	11555	144810	10.27%	0.161%
78	4.590	4.578	4.603	VV	8599	105469	7.48%	0.117%
79	4.619	4.603	4.635	VV	24495	245988	17.45%	0.274%
80	4.648	4.635	4.659	VV	9778	101803	7.22%	0.113%
81	4.672	4.659	4.685	VV	8798	110815	7.86%	0.123%
82	4.696	4.685	4.709	VV	9300	95656	6.79%	0.107%
83	4.738	4.709	4.754	VV	9578	150433	10.67%	0.168%
84	4.774	4.754	4.801	VV	20302	289389	20.53%	0.322%
85	4.813	4.801	4.818	VV	4011	38564	2.74%	0.043%
86	4.838	4.818	4.868	VV	16947	226318	16.06%	0.252%
87	4.887	4.868	4.899	VV	5879	76585	5.43%	0.085%
88	4.917	4.899	4.945	VV	6710	124457	8.83%	0.139%
89	4.976	4.945	4.982	PV	8169	87930	6.24%	0.098%

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90	4.991	4.982	5.034	VV	8747	168793	11.98%	0.188%
91	5.059	5.034	5.070	VV	8442	100400	7.12%	0.112%
92	5.084	5.070	5.095	VV	14424	149259	10.59%	0.166%
93	5.103	5.095	5.124	VV	9283	119988	8.51%	0.134%
94	5.133	5.124	5.148	VV	5580	55896	3.97%	0.062%
95	5.164	5.148	5.168	VV	4223	36795	2.61%	0.041%
96	5.173	5.168	5.184	VV	4296	37024	2.63%	0.041%
97	5.203	5.184	5.218	VV	10435	140274	9.95%	0.156%
98	5.223	5.218	5.233	VV	6300	52078	3.69%	0.058%
99	5.262	5.233	5.278	VV	9825	187542	13.31%	0.209%
100	5.293	5.278	5.307	VV	10536	118539	8.41%	0.132%
101	5.322	5.307	5.343	VV	8440	134958	9.58%	0.150%
102	5.352	5.343	5.374	VV	5373	79407	5.63%	0.088%
103	5.385	5.374	5.391	VV	3770	33693	2.39%	0.038%
104	5.407	5.391	5.413	VV	10357	99610	7.07%	0.111%
105	5.426	5.413	5.453	VV	18288	241508	17.14%	0.269%
106	5.473	5.453	5.485	VV	7245	93856	6.66%	0.105%
107	5.490	5.485	5.508	VV	5178	55271	3.92%	0.062%
108	5.527	5.508	5.538	VV	5072	73538	5.22%	0.082%
109	5.551	5.538	5.565	VV	5364	77407	5.49%	0.086%
110	5.585	5.565	5.611	VV	29369	387565	27.50%	0.432%
111	5.616	5.611	5.621	VV	4769	28893	2.05%	0.032%
112	5.635	5.621	5.642	VV	7375	76464	5.43%	0.085%
113	5.651	5.642	5.668	VV	7752	106949	7.59%	0.119%
114	5.686	5.668	5.727	VV	19137	400598	28.42%	0.446%
115	5.747	5.727	5.762	VV	8984	137051	9.72%	0.153%
116	5.771	5.762	5.782	VV	5726	59402	4.21%	0.066%
117	5.810	5.782	5.835	VV	9220	175443	12.45%	0.195%
118	5.857	5.835	5.878	PV	9694	128247	9.10%	0.143%
119	5.905	5.878	5.928	VV	11706	225613	16.01%	0.251%
120	5.953	5.928	5.977	VV	11063	230024	16.32%	0.256%
121	5.981	5.977	5.985	VV	6482	30408	2.16%	0.034%
122	5.999	5.985	6.016	VV	8297	114667	8.14%	0.128%
123	6.054	6.016	6.067	VV	8502	175965	12.48%	0.196%
124	6.084	6.067	6.110	VV	11598	211257	14.99%	0.235%
125	6.128	6.110	6.153	VV	11737	228841	16.24%	0.255%
126	6.168	6.153	6.179	VV	10612	139235	9.88%	0.155%
127	6.191	6.179	6.207	VV	11032	166665	11.82%	0.186%
128	6.220	6.207	6.243	VV	11636	195718	13.89%	0.218%
129	6.263	6.243	6.279	VV	13533	205568	14.59%	0.229%
130	6.309	6.279	6.327	VV	14404	301254	21.37%	0.335%
131	6.338	6.327	6.351	VV	10676	132437	9.40%	0.147%
132	6.361	6.351	6.388	VV	8568	151757	10.77%	0.169%
133	6.402	6.388	6.431	VV	8030	155071	11.00%	0.173%
134	6.447	6.431	6.455	VV	6469	80610	5.72%	0.090%
135	6.472	6.455	6.485	VV	8573	129838	9.21%	0.145%
136	6.498	6.485	6.504	VV	7924	84393	5.99%	0.094%
137	6.532	6.504	6.550	VV	36529	490277	34.79%	0.546%
138	6.573	6.550	6.594	VV	24588	406206	28.82%	0.452%
139	6.603	6.594	6.617	VV	8647	100870	7.16%	0.112%
140	6.659	6.617	6.679	VV	12232	315598	22.39%	0.351%
141	6.704	6.679	6.729	VV	17945	354678	25.16%	0.395%

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142	6.742	6.729	6.753	VV	10248	125450	8.90%	0.140%
143	6.781	6.753	6.802	VV	13388	285101	20.23%	0.317%
144	6.843	6.802	6.863	VV	11726	297928	21.14%	0.332%
145	6.882	6.863	6.894	VV	18878	246894	17.52%	0.275%
146	6.906	6.894	6.923	VV	17012	239134	16.97%	0.266%
147	6.941	6.923	6.970	VV	19103	346363	24.57%	0.386%
148	6.993	6.970	7.029	VV	14072	394565	27.99%	0.439%
149	7.041	7.029	7.064	VV	9352	164286	11.66%	0.183%
150	7.085	7.064	7.126	VV	41038	759207	53.87%	0.845%
151	7.141	7.126	7.166	VV	16709	278783	19.78%	0.310%
152	7.187	7.166	7.204	VV	17998	280373	19.89%	0.312%
153	7.212	7.204	7.222	VV	9493	94726	6.72%	0.105%
154	7.231	7.222	7.247	VV	9210	120859	8.58%	0.135%
155	7.273	7.247	7.298	VV	12569	309323	21.95%	0.344%
156	7.307	7.298	7.337	VV	9958	200564	14.23%	0.223%
157	7.360	7.337	7.381	VV	11876	249329	17.69%	0.278%
158	7.397	7.381	7.413	VV	12199	192754	13.68%	0.215%
159	7.441	7.413	7.456	VV	11539	258563	18.35%	0.288%
160	7.482	7.456	7.512	VV	23088	480713	34.11%	0.535%
161	7.529	7.512	7.550	VV	10635	186614	13.24%	0.208%
162	7.566	7.550	7.579	VV	7178	101053	7.17%	0.113%
163	7.599	7.579	7.617	VV	13004	224689	15.94%	0.250%
164	7.643	7.617	7.661	VV	17055	325610	23.10%	0.363%
165	7.672	7.661	7.717	VV	9334	254067	18.03%	0.283%
166	7.737	7.717	7.753	VV	12148	207043	14.69%	0.231%
167	7.784	7.753	7.801	VV	10814	272252	19.32%	0.303%
168	7.826	7.801	7.843	VV	10854	219726	15.59%	0.245%
169	7.881	7.843	7.898	VV	12345	339461	24.08%	0.378%
170	7.916	7.898	7.951	VV	12773	334980	23.77%	0.373%
171	7.999	7.951	8.020	VV	43330	746781	52.98%	0.832%
172	8.025	8.020	8.035	VV	11030	92957	6.60%	0.104%
173	8.052	8.035	8.072	VV	15724	263234	18.68%	0.293%
174	8.102	8.072	8.117	VV	19318	366109	25.98%	0.408%
175	8.130	8.117	8.152	VV	17724	296427	21.03%	0.330%
176	8.162	8.152	8.187	VV	12460	225527	16.00%	0.251%
177	8.223	8.187	8.241	VV	14924	344280	24.43%	0.383%
178	8.255	8.241	8.263	VV	13004	155380	11.02%	0.173%
179	8.276	8.263	8.312	VV	14522	323620	22.96%	0.360%
180	8.339	8.312	8.355	VV	19379	346894	24.61%	0.386%
181	8.366	8.355	8.383	VV	11667	186670	13.24%	0.208%
182	8.395	8.383	8.411	VV	12410	179143	12.71%	0.199%
183	8.425	8.411	8.438	VV	11445	157544	11.18%	0.175%
184	8.462	8.438	8.489	VV	11313	295009	20.93%	0.328%
185	8.506	8.489	8.516	VV	8124	112977	8.02%	0.126%
186	8.536	8.516	8.550	VV	14637	230040	16.32%	0.256%
187	8.555	8.550	8.559	VV	11420	59224	4.20%	0.066%
188	8.568	8.559	8.587	VV	12375	189363	13.44%	0.211%
189	8.597	8.587	8.615	VV	10254	142903	10.14%	0.159%
190	8.636	8.615	8.657	VV	19145	310680	22.04%	0.346%
191	8.715	8.657	8.739	VV	40097	878116	62.30%	0.978%
192	8.746	8.739	8.772	VV	9554	164506	11.67%	0.183%
193	8.793	8.772	8.807	VV	15130	238333	16.91%	0.265%
194	8.823	8.807	8.843	VV	15116	275281	19.53%	0.307%

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195	8.860	8.843	8.880	VV	14928	256795	18.22%	0.286%
196	8.894	8.880	8.908	VV	10228	156967	11.14%	0.175%
197	8.944	8.908	8.960	VV	15216	355756	25.24%	0.396%
198	8.968	8.960	8.977	VV	11004	109416	7.76%	0.122%
199	8.991	8.977	9.007	VV	16077	228645	16.22%	0.255%
200	9.032	9.007	9.054	VV	18439	350170	24.84%	0.390%
201	9.059	9.054	9.065	VV	7888	53059	3.76%	0.059%
202	9.087	9.065	9.112	VV	12697	259933	18.44%	0.289%
203	9.149	9.112	9.167	VV	17108	359868	25.53%	0.401%
204	9.179	9.167	9.191	VV	9993	117218	8.32%	0.131%
205	9.204	9.191	9.217	VV	9228	124542	8.84%	0.139%
206	9.235	9.217	9.248	VV	8733	148666	10.55%	0.166%
207	9.284	9.248	9.313	VV	16342	404920	28.73%	0.451%
208	9.329	9.313	9.348	VV	9134	165936	11.77%	0.185%
209	9.371	9.348	9.382	VV	14748	226641	16.08%	0.252%
210	9.392	9.382	9.420	VV	15323	250449	17.77%	0.279%
211	9.447	9.420	9.479	VV	21803	449165	31.87%	0.500%
212	9.490	9.479	9.501	VV	8306	102837	7.30%	0.115%
213	9.541	9.501	9.562	VV	14112	387933	27.52%	0.432%
214	9.569	9.562	9.588	VV	11160	138463	9.82%	0.154%
215	9.613	9.588	9.641	VV	8582	224380	15.92%	0.250%
216	9.655	9.641	9.667	VV	6249	93648	6.64%	0.104%
217	9.693	9.667	9.712	VV	11025	231773	16.44%	0.258%
218	9.737	9.712	9.764	VV	14119	352021	24.98%	0.392%
219	9.780	9.764	9.822	VV	12307	349498	24.80%	0.389%
220	9.836	9.822	9.852	VV	9781	162468	11.53%	0.181%
221	9.860	9.852	9.870	VV	9145	93232	6.61%	0.104%
222	9.883	9.870	9.922	VV	10790	251110	17.82%	0.280%
223	9.949	9.922	9.981	VV	10819	279342	19.82%	0.311%
224	9.988	9.981	10.000	VV	7280	76823	5.45%	0.086%
225	10.011	10.000	10.034	VV	8077	143194	10.16%	0.159%
226	10.053	10.034	10.075	VV	8093	169722	12.04%	0.189%
227	10.080	10.075	10.084	VV	6189	30302	2.15%	0.034%
228	10.111	10.084	10.140	VV	11161	274959	19.51%	0.306%
229	10.167	10.140	10.194	VV	36268	607429	43.10%	0.676%
230	10.221	10.194	10.232	VV	13231	245178	17.40%	0.273%
231	10.245	10.232	10.273	VV	14594	269423	19.12%	0.300%
232	10.291	10.273	10.301	VV	12008	167614	11.89%	0.187%
233	10.315	10.301	10.340	VV	14937	243353	17.27%	0.271%
234	10.364	10.340	10.397	VV	11518	306191	21.72%	0.341%
235	10.427	10.397	10.439	VV	11140	236466	16.78%	0.263%
236	10.451	10.439	10.477	VV	11175	213708	15.16%	0.238%
237	10.497	10.477	10.508	VV	11833	180885	12.83%	0.201%
238	10.535	10.508	10.554	VV	12105	297759	21.13%	0.332%
239	10.591	10.554	10.624	VV	53932	996327	70.69%	1.109%
240	10.639	10.624	10.692	VV	11140	352017	24.98%	0.392%
241	10.719	10.692	10.739	VV	9133	228518	16.21%	0.254%
242	10.767	10.739	10.785	VV	12295	291256	20.66%	0.324%
243	10.793	10.785	10.824	VV	10534	203508	14.44%	0.227%
244	10.851	10.824	10.885	VV	10052	301213	21.37%	0.335%
245	10.911	10.885	10.939	VV	11954	290488	20.61%	0.323%
246	10.945	10.939	10.963	VV	7082	99658	7.07%	0.111%

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247	10.995	10.963	11.015	VV	8272	231284	16.41%	0.258%
248	11.026	11.015	11.032	VV	7678	70258	4.98%	0.078%
249	11.051	11.032	11.059	VV	8765	133415	9.47%	0.149%
250	11.080	11.059	11.104	VV	10255	232613	16.50%	0.259%
251	11.127	11.104	11.142	VV	9039	192296	13.64%	0.214%
252	11.164	11.142	11.177	VV	10928	196600	13.95%	0.219%
253	11.182	11.177	11.186	VV	9425	48617	3.45%	0.054%
254	11.192	11.186	11.206	VV	9543	110805	7.86%	0.123%
255	11.219	11.206	11.232	VV	8738	127939	9.08%	0.142%
256	11.248	11.232	11.275	VV	9797	230290	16.34%	0.256%
257	11.312	11.275	11.340	VV	34873	700246	49.68%	0.780%
258	11.367	11.340	11.400	VV	8764	259419	18.41%	0.289%
259	11.423	11.400	11.444	VV	9767	193336	13.72%	0.215%
260	11.461	11.444	11.472	VV	7188	107182	7.60%	0.119%
261	11.511	11.472	11.545	VV	9593	355397	25.22%	0.396%
262	11.564	11.545	11.582	VV	8012	157417	11.17%	0.175%
263	11.602	11.582	11.640	VV	9051	230512	16.35%	0.257%
264	11.669	11.640	11.676	VV	7349	122490	8.69%	0.136%
265	11.694	11.676	11.705	VV	8646	133037	9.44%	0.148%
266	11.722	11.705	11.742	VV	11436	207985	14.76%	0.232%
267	11.754	11.742	11.760	VV	9099	96134	6.82%	0.107%
268	11.763	11.760	11.808	VV	9105	205634	14.59%	0.229%
269	11.834	11.808	11.844	VV	6600	131970	9.36%	0.147%
270	11.871	11.844	11.895	VV	16198	330075	23.42%	0.368%
271	11.910	11.895	11.940	VV	8043	176628	12.53%	0.197%
272	11.945	11.940	11.950	VV	4770	27502	1.95%	0.031%
273	11.972	11.950	11.988	VV	6837	132450	9.40%	0.147%
274	12.005	11.988	12.011	VV	7385	92935	6.59%	0.103%
275	12.018	12.011	12.058	VV	7653	170638	12.11%	0.190%
276	12.109	12.058	12.134	VV	8933	281831	20.00%	0.314%
277	12.142	12.134	12.148	VV	4330	36368	2.58%	0.040%
278	12.194	12.148	12.214	VV	5842	189482	13.44%	0.211%
279	12.222	12.214	12.235	VV	4949	56699	4.02%	0.063%
280	12.253	12.235	12.269	VV	6972	111504	7.91%	0.124%
281	12.274	12.269	12.299	VV	5187	80354	5.70%	0.089%
282	12.321	12.299	12.341	VV	5503	117021	8.30%	0.130%
283	12.364	12.341	12.374	VV	6161	99449	7.06%	0.111%
284	12.385	12.374	12.429	VV	6228	164405	11.66%	0.183%
285	12.470	12.429	12.495	VV	10447	299523	21.25%	0.334%
286	12.506	12.495	12.520	VV	6820	96631	6.86%	0.108%
287	12.535	12.520	12.571	VV	9127	177791	12.61%	0.198%
288	12.588	12.571	12.596	VV	4434	56778	4.03%	0.063%
289	12.610	12.596	12.623	VV	4236	65815	4.67%	0.073%
290	12.650	12.623	12.665	VV	4941	109622	7.78%	0.122%
291	12.687	12.665	12.702	VV	4205	83000	5.89%	0.092%
292	12.715	12.702	12.730	VV	4552	63151	4.48%	0.070%
293	12.735	12.730	12.742	VV	2639	18271	1.30%	0.020%
294	12.747	12.742	12.764	VV	2610	28445	2.02%	0.032%
295	12.809	12.764	12.817	VV	3606	95698	6.79%	0.107%
296	12.823	12.817	12.827	VV	3619	20370	1.45%	0.023%
297	12.829	12.827	12.838	VV	3617	22347	1.59%	0.025%
298	12.848	12.838	12.865	VV	3536	51061	3.62%	0.057%
299	12.887	12.865	12.900	VV	5407	80735	5.73%	0.090%

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300	12.903	12.900	12.936	VV	3625	62882	4.46%	0.070%
301	12.952	12.936	12.971	VV	3417	58044	4.12%	0.065%
302	12.995	12.971	13.004	VV	3997	69623	4.94%	0.078%
303	13.028	13.004	13.065	VV	10058	239038	16.96%	0.266%
304	13.074	13.065	13.134	VV	4998	131854	9.36%	0.147%
305	13.164	13.134	13.169	VV	4023	59563	4.23%	0.066%
306	13.183	13.169	13.205	VV	4198	78649	5.58%	0.088%
307	13.219	13.205	13.265	VV	5096	120395	8.54%	0.134%
308	13.283	13.265	13.297	VV	3569	46950	3.33%	0.052%
309	13.315	13.297	13.338	VV	4503	73188	5.19%	0.081%
310	13.370	13.338	13.400	VV	7283	152208	10.80%	0.169%
311	13.415	13.400	13.442	VV	4358	87492	6.21%	0.097%
312	13.473	13.442	13.499	VV	4801	125042	8.87%	0.139%
313	13.522	13.499	13.537	VV	2570	47433	3.37%	0.053%
314	13.543	13.537	13.546	VV	2797	13290	0.94%	0.015%
315	13.586	13.546	13.611	VV	5815	149914	10.64%	0.167%
316	13.648	13.611	13.702	VV	7294	228889	16.24%	0.255%
317	13.752	13.702	13.767	VV	4717	132641	9.41%	0.148%
318	13.772	13.767	13.775	VV	2677	12796	0.91%	0.014%
319	13.793	13.775	13.812	VV	4410	78434	5.56%	0.087%
320	13.815	13.812	13.825	VV	3523	26053	1.85%	0.029%
321	13.830	13.825	13.839	VV	3097	23817	1.69%	0.027%
322	13.842	13.839	13.849	VV	3165	18012	1.28%	0.020%
323	13.877	13.849	13.909	VV	5114	130133	9.23%	0.145%
324	13.966	13.909	13.995	VV	10261	278445	19.76%	0.310%
325	14.034	13.995	14.075	VV	5951	205862	14.61%	0.229%
326	14.119	14.075	14.127	VV	6092	151900	10.78%	0.169%
327	14.134	14.127	14.157	VV	5813	83493	5.92%	0.093%
328	14.167	14.157	14.179	VV	4325	52717	3.74%	0.059%
329	14.189	14.179	14.195	VV	4950	44977	3.19%	0.050%
330	14.208	14.195	14.230	VV	5589	101322	7.19%	0.113%
331	14.239	14.230	14.269	VV	5462	94551	6.71%	0.105%
332	14.274	14.269	14.277	VV	3319	15270	1.08%	0.017%
333	14.295	14.277	14.305	VV	4515	65763	4.67%	0.073%
334	14.310	14.305	14.329	VV	4615	60576	4.30%	0.067%
335	14.335	14.329	14.340	VV	4258	24711	1.75%	0.028%
336	14.368	14.340	14.379	VV	6348	128832	9.14%	0.143%
337	14.385	14.379	14.395	VV	6296	56663	4.02%	0.063%
338	14.419	14.395	14.444	VV	10859	244279	17.33%	0.272%
339	14.452	14.444	14.458	VV	6394	50006	3.55%	0.056%
340	14.460	14.458	14.495	VV	6088	107386	7.62%	0.120%
341	14.550	14.495	14.563	VV	8214	240118	17.04%	0.267%
342	14.582	14.563	14.602	VV	7551	159140	11.29%	0.177%
343	14.607	14.602	14.613	VV	5442	33260	2.36%	0.037%
344	14.624	14.613	14.639	VV	5262	75892	5.38%	0.085%
345	14.681	14.639	14.693	VV	5964	172940	12.27%	0.193%
346	14.718	14.693	14.722	VV	6818	100878	7.16%	0.112%
347	14.731	14.722	14.745	VV	6943	95342	6.76%	0.106%
348	14.752	14.745	14.791	VV	7100	161004	11.42%	0.179%
349	14.801	14.791	14.805	VV	5987	45163	3.20%	0.050%
350	14.811	14.805	14.822	VV	5755	54867	3.89%	0.061%
351	14.894	14.822	14.908	VV	8621	386201	27.40%	0.430%

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352	14.917	14.908	14.942	VV	8563	158013	11.21%	0.176%
353	14.978	14.942	15.015	VV	11618	387345	27.48%	0.431%
354	15.019	15.015	15.025	VV	7114	40674	2.89%	0.045%
355	15.033	15.025	15.044	VV	7283	79233	5.62%	0.088%
356	15.090	15.044	15.142	VV	11235	527344	37.42%	0.587%
357	15.163	15.142	15.192	VV	9780	262690	18.64%	0.293%
358	15.202	15.192	15.225	VV	8460	159821	11.34%	0.178%
359	15.271	15.225	15.276	VV	10647	284000	20.15%	0.316%
360	15.279	15.276	15.309	VV	10357	187440	13.30%	0.209%
361	15.312	15.309	15.323	VV	9161	76275	5.41%	0.085%
362	15.384	15.323	15.424	VV	17479	773945	54.91%	0.862%
363	15.439	15.424	15.463	VV	13155	275122	19.52%	0.306%
364	15.492	15.463	15.514	VV	10724	304943	21.64%	0.340%
365	15.527	15.514	15.532	VV	10254	105443	7.48%	0.117%
366	15.608	15.532	15.635	VV	13604	701009	49.74%	0.781%
367	15.668	15.635	15.700	VV	19054	588660	41.77%	0.655%
368	15.705	15.700	15.728	VV	12878	201850	14.32%	0.225%
369	15.747	15.728	15.758	VV	12683	212110	15.05%	0.236%
370	15.764	15.758	15.785	VV	12276	189030	13.41%	0.210%
371	15.817	15.785	15.834	VV	12686	345464	24.51%	0.385%
372	15.897	15.834	15.935	VV	17807	866821	61.50%	0.965%
373	15.948	15.935	15.969	VV	12181	232867	16.52%	0.259%
374	16.048	15.969	16.075	VV	17507	884883	62.78%	0.985%
375	16.094	16.075	16.108	VV	16008	302295	21.45%	0.337%
376	16.113	16.108	16.126	VV	14927	150921	10.71%	0.168%
377	16.175	16.126	16.205	VV	23340	869072	61.66%	0.968%
378	16.227	16.205	16.274	VV	17300	636849	45.18%	0.709%
379	16.288	16.274	16.294	VV	15773	181859	12.90%	0.203%
380	16.300	16.294	16.327	VV	15715	293068	20.79%	0.326%
381	16.338	16.327	16.379	VV	15030	436255	30.95%	0.486%
382	16.382	16.379	16.387	VV	14196	69634	4.94%	0.078%
383	16.395	16.387	16.402	VV	14008	125476	8.90%	0.140%
384	16.409	16.402	16.419	VV	13846	132620	9.41%	0.148%
385	16.440	16.419	16.450	VV	14923	266603	18.92%	0.297%
386	16.456	16.450	16.466	VV	14761	135192	9.59%	0.151%
387	16.560	16.466	16.605	VV	20941	1409434	100.00%	1.569%
388	16.609	16.605	16.625	VV	16547	184995	13.13%	0.206%
389	16.664	16.625	16.716	VV	18442	869719	61.71%	0.968%
390	16.720	16.716	16.727	VV	13214	89551	6.35%	0.100%
391	16.736	16.727	16.747	VV	13760	161158	11.43%	0.179%
392	16.758	16.747	16.770	VV	14174	194103	13.77%	0.216%
393	16.799	16.770	16.810	VV	16439	365471	25.93%	0.407%
394	16.834	16.810	16.854	VV	19761	439020	31.15%	0.489%
395	16.862	16.854	16.890	VV	15197	318187	22.58%	0.354%
396	16.898	16.890	16.904	VV	14833	118071	8.38%	0.131%
397	16.911	16.904	16.917	VV	15070	111141	7.89%	0.124%
398	16.934	16.917	16.959	VV	17073	403514	28.63%	0.449%
399	16.982	16.959	16.999	VV	17616	396002	28.10%	0.441%
400	17.038	16.999	17.044	VV	20117	477917	33.91%	0.532%
401	17.047	17.044	17.075	VV	19919	308978	21.92%	0.344%
402	17.080	17.075	17.094	VV	13325	145693	10.34%	0.162%
403	17.121	17.094	17.156	VV	16529	538094	38.18%	0.599%
404	17.175	17.156	17.182	VV	14920	221893	15.74%	0.247%

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405	17.199	17.182	17.214	VV	15449	289355	20.53%	0.322%
406	17.225	17.214	17.262	VV	15169	396925	28.16%	0.442%
407	17.279	17.262	17.288	VV	14138	209169	14.84%	0.233%
408	17.294	17.288	17.313	VV	13861	191946	13.62%	0.214%
409	17.336	17.313	17.342	VV	13292	220285	15.63%	0.245%
410	17.380	17.342	17.417	VV	19303	696891	49.44%	0.776%
411	17.424	17.417	17.446	VV	13290	216633	15.37%	0.241%
412	17.453	17.446	17.459	VV	12696	90384	6.41%	0.101%
413	17.464	17.459	17.484	VV	12564	173516	12.31%	0.193%
414	17.486	17.484	17.509	VV	10742	158192	11.22%	0.176%
415	17.530	17.509	17.538	VV	10618	171623	12.18%	0.191%
416	17.544	17.538	17.552	VV	10908	91293	6.48%	0.102%
417	17.558	17.552	17.572	VV	10810	119039	8.45%	0.133%
418	17.603	17.572	17.613	VV	13506	298439	21.17%	0.332%
419	17.619	17.613	17.625	VV	13887	100035	7.10%	0.111%
420	17.630	17.625	17.657	VV	14158	244888	17.37%	0.273%
421	17.669	17.657	17.675	VV	13001	135775	9.63%	0.151%
422	17.679	17.675	17.683	VV	12441	56499	4.01%	0.063%
423	17.694	17.683	17.715	VV	13285	224229	15.91%	0.250%
424	17.737	17.715	17.754	VV	10180	221121	15.69%	0.246%
425	17.779	17.754	17.790	VV	9880	206182	14.63%	0.230%
426	17.846	17.790	17.912	VV	13825	756374	53.67%	0.842%
427	17.917	17.912	17.925	VV	7826	57724	4.10%	0.064%
428	17.940	17.925	17.946	VV	8008	93606	6.64%	0.104%
429	17.949	17.946	17.956	VV	7873	49827	3.54%	0.055%
430	17.986	17.956	18.013	VV	9174	276757	19.64%	0.308%
431	18.058	18.013	18.102	VV	10965	471091	33.42%	0.525%
432	18.113	18.102	18.132	VV	6980	114802	8.15%	0.128%
433	18.158	18.132	18.168	VV	6603	130285	9.24%	0.145%
434	18.181	18.168	18.185	VV	7021	65865	4.67%	0.073%
435	18.210	18.185	18.236	VV	12023	253316	17.97%	0.282%
436	18.241	18.236	18.259	VV	5421	70141	4.98%	0.078%
437	18.271	18.259	18.287	VV	4937	75938	5.39%	0.085%
438	18.293	18.287	18.305	VV	4553	47895	3.40%	0.053%
439	18.324	18.305	18.331	VV	5293	71468	5.07%	0.080%
440	18.335	18.331	18.346	VV	5037	44080	3.13%	0.049%
441	18.361	18.346	18.365	VV	5070	51439	3.65%	0.057%
442	18.388	18.365	18.393	VV	6195	88943	6.31%	0.099%
443	18.406	18.393	18.448	VV	6504	173937	12.34%	0.194%
444	18.451	18.448	18.464	VV	4071	37760	2.68%	0.042%
445	18.482	18.464	18.515	VV	4610	128415	9.11%	0.143%
446	18.524	18.515	18.557	VV	4488	95982	6.81%	0.107%
447	18.559	18.557	18.563	VV	3121	10504	0.75%	0.012%
448	18.570	18.563	18.589	VV	3390	48414	3.43%	0.054%
449	18.603	18.589	18.610	VV	3326	35677	2.53%	0.040%
450	18.633	18.610	18.659	VV	4622	99382	7.05%	0.111%
451	18.680	18.659	18.683	VV	4200	49155	3.49%	0.055%
452	18.687	18.683	18.693	VV	4200	23559	1.67%	0.026%
453	18.699	18.693	18.710	VV	4183	38813	2.75%	0.043%
454	18.725	18.710	18.754	VV	3760	77918	5.53%	0.087%
455	18.762	18.754	18.769	VV	2693	19964	1.42%	0.022%
456	18.774	18.769	18.781	VV	2967	19301	1.37%	0.021%

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457	18.804	18.781	18.833	VV	3468	93820	6.66%	0.104%
458	18.841	18.833	18.845	VV	2937	19964	1.42%	0.022%
459	18.853	18.845	18.868	VV	2960	34869	2.47%	0.039%
460	18.883	18.868	18.896	VV	3018	43272	3.07%	0.048%
461	18.901	18.896	18.905	VV	2801	13976	0.99%	0.016%
462	18.927	18.905	18.943	VV	4416	77275	5.48%	0.086%
463	18.957	18.943	18.995	VV	3929	87782	6.23%	0.098%
464	19.005	18.995	19.011	VV	2175	18030	1.28%	0.020%
465	19.020	19.011	19.025	VV	2206	17931	1.27%	0.020%
466	19.035	19.025	19.065	VV	2473	41256	2.93%	0.046%
467	19.089	19.065	19.093	VV	3119	34031	2.41%	0.038%
468	19.108	19.093	19.156	VV	3508	101229	7.18%	0.113%
469	19.194	19.156	19.198	VV	1498	33275	2.36%	0.037%
470	19.210	19.198	19.223	VV	1772	21934	1.56%	0.024%
471	19.235	19.223	19.247	VV	1605	19242	1.37%	0.021%
472	19.250	19.247	19.260	VV	1498	10175	0.72%	0.011%
473	19.332	19.260	19.379	VV	5355	219215	15.55%	0.244%
474	19.383	19.379	19.391	VV	1807	11605	0.82%	0.013%
475	19.413	19.391	19.417	VV	2083	26960	1.91%	0.030%
476	19.433	19.417	19.475	VV	2610	65449	4.64%	0.073%
477	19.490	19.475	19.532	VV	2219	64538	4.58%	0.072%
478	19.537	19.532	19.544	VV	2017	13810	0.98%	0.015%
479	19.597	19.544	19.632	VV	2868	127821	9.07%	0.142%
480	19.729	19.632	19.777	VV	5405	326972	23.20%	0.364%
481	19.830	19.777	19.844	VV	3406	127300	9.03%	0.142%
482	19.852	19.844	19.890	VV	3500	89520	6.35%	0.100%
483	20.015	19.890	20.028	VV	5319	362516	25.72%	0.404%
484	20.045	20.028	20.065	VV	6013	125652	8.92%	0.140%
485	20.096	20.065	20.114	VV	6172	173910	12.34%	0.194%
486	20.122	20.114	20.140	VV	6257	98576	6.99%	0.110%
487	20.232	20.140	20.245	VV	7969	436622	30.98%	0.486%
488	20.315	20.245	20.334	VV	9233	445100	31.58%	0.496%
489	20.347	20.334	20.360	VV	9269	145138	10.30%	0.162%
490	20.376	20.360	20.384	VV	9463	128129	9.09%	0.143%
491	20.407	20.384	20.442	VV	9574	324495	23.02%	0.361%
492	20.530	20.442	20.576	VV	10555	782193	55.50%	0.871%
493	20.583	20.576	20.592	VV	9968	89916	6.38%	0.100%
494	20.630	20.592	20.662	VV	10285	412939	29.30%	0.460%
495	20.670	20.662	20.708	VV	9488	255458	18.12%	0.284%
496	20.717	20.708	20.725	VV	9040	87124	6.18%	0.097%
497	20.735	20.725	20.804	VV	9134	392888	27.88%	0.437%
498	20.812	20.804	20.822	VV	7441	80935	5.74%	0.090%
499	20.850	20.822	20.866	VV	7723	196428	13.94%	0.219%
500	20.894	20.866	20.985	VV	7602	507697	36.02%	0.565%
501	20.993	20.985	21.009	VV	6798	93609	6.64%	0.104%
502	21.018	21.009	21.028	VV	6585	76099	5.40%	0.085%
503	21.042	21.028	21.174	VV	6579	501011	35.55%	0.558%
504	21.182	21.174	21.267	VV	4619	222348	15.78%	0.248%
505	21.287	21.267	21.365	VV	3638	176957	12.56%	0.197%
506	21.378	21.365	21.405	VV	2680	59046	4.19%	0.066%
507	21.451	21.405	21.459	VV	2663	81605	5.79%	0.091%
508	21.467	21.459	21.556	VV	2550	120926	8.58%	0.135%
509	21.572	21.556	21.592	VV	1636	32906	2.33%	0.037%

510 21.663 21.592 21.800 VBA rteres 2029 180873 12.83% 0.201%
Sum of corrected areas: 89806564

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