Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071018AL\
Data File : FE028180.D
Signal(s) : FID1B.CH
Acq On : 11 Jul 2018 1:29
Sample : J3896-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 062918.M
Title : GC Extractables

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.853	3.837	3.887	VV	773	10000	0.06%	0.001%
2	3.927	3.887	3.947	PV	920	13721	0.08%	0.002%
3	3.960	3.947	3.999	VV	2223	28563	0.16%	0.004%
4	4.150	4.132	4.162	VV	1545	14332	0.08%	0.002%
5	4.233	4.219	4.264	VV	1113	14062	0.08%	0.002%
6	4.305	4.264	4.364	VV	3916	64743	0.36%	0.009%
7	4.410	4.364	4.444	VV	2448	44843	0.25%	0.006%
8	4.489	4.473	4.521	VV	2937	43562	0.24%	0.006%
9	4.528	4.521	4.557	VV	772	10729	0.06%	0.001%
10	4.717	4.687	4.741	VV	640967	5110304	28.31%	0.695%
11	4.770	4.741	4.789	VV	674026	5488904	30.40%	0.746%
12	4.794	4.789	4.810	VV	8002	56436	0.31%	0.008%
13	4.825	4.810	4.846	VV	8103	69449	0.38%	0.009%
14	4.877	4.846	4.904	VV	15157	134275	0.74%	0.018%
15	4.922	4.904	4.929	VV	1241	13299	0.07%	0.002%
16	4.941	4.929	4.954	VV	2303	24032	0.13%	0.003%
17	4.965	4.954	4.986	VV	1632	16706	0.09%	0.002%
18	5.004	4.986	5.038	VV	843	15749	0.09%	0.002%
19	5.051	5.038	5.079	VV	881	15858	0.09%	0.002%
20	5.133	5.117	5.161	VV	1053	16096	0.09%	0.002%
21	5.203	5.184	5.219	VV	969	10021	0.06%	0.001%
22	5.269	5.219	5.294	VV	802	16378	0.09%	0.002%
23	5.345	5.330	5.368	VV	2640	27938	0.15%	0.004%
24	5.402	5.368	5.427	VV	1507	27334	0.15%	0.004%
25	5.446	5.427	5.479	VV	1101	21864	0.12%	0.003%
26	5.540	5.512	5.550	PV	759	10797	0.06%	0.001%
27	5.566	5.550	5.589	VV	1493	19492	0.11%	0.003%
28	5.631	5.617	5.655	VV	678	11360	0.06%	0.002%
29	5.709	5.692	5.729	VV	1170	12953	0.07%	0.002%
30	5.747	5.729	5.777	VV	7157	70159	0.39%	0.010%
31	5.792	5.777	5.815	VV	2634	24839	0.14%	0.003%
32	5.951	5.937	5.978	VV	1597	18982	0.11%	0.003%
33	6.031	6.008	6.040	VV	1324	15918	0.09%	0.002%
34	6.056	6.040	6.081	VV	1529	25408	0.14%	0.003%
35	6.097	6.081	6.113	VV	1071	11151	0.06%	0.002%
36	6.165	6.134	6.186	VV	672	16904	0.09%	0.002%

37	6.267	6.232	6.281	VV	1033	18113	0.10%	0.002%
38	6.324	6.281	6.355	VV	721178	6600876	36.56%	0.898%
39	6.368	6.355	6.382	VV	2208	26352	0.15%	0.004%
40	6.390	6.382	6.412	VV	1320	19274	0.11%	0.003%
41	6.442	6.412	6.476	VV	1833	46605	0.26%	0.006%
42	6.493	6.476	6.500	VV	885	10725	0.06%	0.001%
43	6.531	6.520	6.553	VV	823	13021	0.07%	0.002%
44	6.581	6.553	6.597	VV	1366	24531	0.14%	0.003%
45	6.615	6.597	6.642	VV	1053	18171	0.10%	0.002%
46	6.676	6.642	6.687	VV	1177	20382	0.11%	0.003%
47	6.701	6.687	6.708	VV	1299	13929	0.08%	0.002%
48	6.739	6.708	6.779	VV	627419	5978562	33.12%	0.813%
49	6.884	6.863	6.905	VV	2178	27529	0.15%	0.004%
50	6.941	6.905	6.981	VV	967	24206	0.13%	0.003%
51	7.021	6.981	7.046	PV	810	13318	0.07%	0.002%
52	7.075	7.046	7.116	VV	1142	25857	0.14%	0.004%
53	7.157	7.143	7.176	VV	1089	14270	0.08%	0.002%
54	7.227	7.205	7.243	VV	899	13447	0.07%	0.002%
55	7.289	7.266	7.310	VV	4912	56041	0.31%	0.008%
56	7.389	7.349	7.414	VV	673742	6944159	38.47%	0.944%
57	7.440	7.414	7.459	VV	3749	65029	0.36%	0.009%
58	7.475	7.459	7.496	VV	1516	23703	0.13%	0.003%
59	7.520	7.496	7.550	VV	12012	128777	0.71%	0.018%
60	7.565	7.550	7.582	VV	1450	19763	0.11%	0.003%
61	7.599	7.582	7.622	VV	922	15035	0.08%	0.002%
62	7.665	7.622	7.706	VV	7720	99884	0.55%	0.014%
63	7.730	7.706	7.759	VV	849	19728	0.11%	0.003%
64	7.857	7.823	7.886	VV	968	26758	0.15%	0.004%
65	8.003	7.926	8.048	PV	968834	10491001	58.11%	1.427%
66	8.067	8.048	8.096	VV	2029	45857	0.25%	0.006%
67	8.112	8.096	8.138	VV	3533	55090	0.31%	0.007%
68	8.144	8.138	8.159	VV	1348	13398	0.07%	0.002%
69	8.190	8.176	8.208	VV	851	11085	0.06%	0.002%
70	8.237	8.208	8.253	VV	2785	34038	0.19%	0.005%
71	8.270	8.253	8.281	VV	2388	28315	0.16%	0.004%
72	8.296	8.281	8.339	VV	3121	52715	0.29%	0.007%
73	8.366	8.339	8.420	VV	5436	91470	0.51%	0.012%
74	8.442	8.420	8.469	VV	1980	33563	0.19%	0.005%
75	8.488	8.469	8.503	VV	7619	77837	0.43%	0.011%
76	8.551	8.503	8.586	VV	604775	6385933	35.37%	0.868%
77	8.618	8.586	8.638	VV	61727	626279	3.47%	0.085%
78	8.686	8.638	8.711	VV	640491	6749082	37.38%	0.918%
79	8.730	8.711	8.754	VV	3924	53496	0.30%	0.007%
80	8.769	8.754	8.800	VV	1852	25952	0.14%	0.004%
81	8.891	8.847	8.914	VV	643983	7070922	39.17%	0.962%
82	8.923	8.914	8.944	VV	1990	27457	0.15%	0.004%
83	8.987	8.944	9.007	VV	664879	7078556	39.21%	0.963%
84	9.014	9.007	9.022	VV	3415	29491	0.16%	0.004%
85	9.027	9.022	9.049	VV	3427	35796	0.20%	0.005%
86	9.083	9.049	9.111	VV	5936	101547	0.56%	0.014%
87	9.132	9.111	9.149	VV	1309	18726	0.10%	0.003%
88	9.173	9.149	9.187	VV	1123	18085	0.10%	0.002%
89	9.213	9.187	9.230	VV	4325	65308	0.36%	0.009%

90	9.249	9.230	9.271	VV	9997	108633	0.60%	0.015%
91	9.285	9.271	9.317	VV	2369	40441	0.22%	0.005%
92	9.335	9.317	9.347	VV	1403	19164	0.11%	0.003%
93	9.370	9.347	9.400	VV	8037	113988	0.63%	0.016%
94	9.424	9.400	9.441	VV	4173	46070	0.26%	0.006%
95	9.542	9.498	9.559	PV	5956	71940	0.40%	0.010%
96	9.573	9.559	9.589	VV	3425	33585	0.19%	0.005%
97	9.629	9.614	9.643	VV	1183	11010	0.06%	0.001%
98	9.679	9.643	9.701	VV	3397	49097	0.27%	0.007%
99	9.724	9.701	9.733	VV	1150	17046	0.09%	0.002%
100	9.776	9.733	9.810	VV	650338	7019011	38.88%	0.955%
101	9.847	9.810	9.866	VV	4248	86467	0.48%	0.012%
102	9.883	9.866	9.897	VV	2752	36815	0.20%	0.005%
103	9.917	9.897	9.954	VV	6530	113915	0.63%	0.015%
104	9.980	9.954	10.015	VV	12399	149419	0.83%	0.020%
105	10.033	10.015	10.053	VV	1490	19004	0.11%	0.003%
106	10.086	10.053	10.107	VV	6784	87955	0.49%	0.012%
107	10.159	10.107	10.179	VV	630519	6482329	35.91%	0.882%
108	10.188	10.179	10.204	VV	7422	74489	0.41%	0.010%
109	10.213	10.204	10.237	VV	2127	27017	0.15%	0.004%
110	10.253	10.237	10.267	VV	1849	22174	0.12%	0.003%
111	10.282	10.267	10.304	VV	1103	15020	0.08%	0.002%
112	10.347	10.312	10.377	VV	1555	32792	0.18%	0.004%
113	10.454	10.417	10.468	PV	2645	28347	0.16%	0.004%
114	10.508	10.491	10.521	VV	2530	28248	0.16%	0.004%
115	10.545	10.521	10.579	VV	3984	72340	0.40%	0.010%
116	10.592	10.579	10.601	VV	1284	13033	0.07%	0.002%
117	10.619	10.601	10.631	VV	3654	43703	0.24%	0.006%
118	10.651	10.631	10.673	VV	7528	102942	0.57%	0.014%
119	10.693	10.673	10.731	VV	7200	86043	0.48%	0.012%
120	10.771	10.731	10.784	PV	5900	83991	0.47%	0.011%
121	10.792	10.784	10.809	VV	3830	44981	0.25%	0.006%
122	10.828	10.809	10.877	VV	7937	148086	0.82%	0.020%
123	10.897	10.877	10.921	VV	9322	121765	0.67%	0.017%
124	10.940	10.921	10.952	VV	5163	62796	0.35%	0.009%
125	10.972	10.952	10.999	VV	26147	350691	1.94%	0.048%
126	11.008	10.999	11.037	VV	3914	52905	0.29%	0.007%
127	11.055	11.037	11.065	VV	1912	27908	0.15%	0.004%
128	11.079	11.065	11.096	VV	3007	35418	0.20%	0.005%
129	11.115	11.096	11.132	VV	1739	25766	0.14%	0.004%
130	11.153	11.132	11.158	VV	5574	50976	0.28%	0.007%
131	11.197	11.158	11.232	VV	708289	8168514	45.25%	1.111%
132	11.273	11.232	11.329	VV	644584	7202476	39.90%	0.980%
133	11.350	11.329	11.371	VV	2640	39915	0.22%	0.005%
134	11.389	11.371	11.415	VV	1502	27495	0.15%	0.004%
135	11.430	11.415	11.446	VV	2429	27645	0.15%	0.004%
136	11.468	11.446	11.509	VV	11201	159903	0.89%	0.022%
137	11.538	11.509	11.555	PV	3154	54484	0.30%	0.007%
138	11.612	11.555	11.637	VV	617753	6422252	35.57%	0.873%
139	11.655	11.637	11.659	VV	1916	19100	0.11%	0.003%
140	11.707	11.659	11.740	VV	10477	208942	1.16%	0.028%
141	11.776	11.740	11.792	PV	4626	56728	0.31%	0.008%

142	11.801	11.792	11.814	VV	1329	14711	0.08%	0.002%
143	11.838	11.814	11.856	VV	4488	63187	0.35%	0.009%
144	11.875	11.856	11.892	VV	2644	34556	0.19%	0.005%
145	11.950	11.892	11.970	VV	566054	5849359	32.40%	0.796%
146	11.990	11.970	12.005	VV	25360	267234	1.48%	0.036%
147	12.021	12.005	12.054	VV	32928	348607	1.93%	0.047%
148	12.090	12.070	12.096	VV	15278	132746	0.74%	0.018%
149	12.109	12.096	12.125	VV	28333	307027	1.70%	0.042%
150	12.141	12.125	12.156	VV	19449	218391	1.21%	0.030%
151	12.173	12.156	12.194	VV	23647	270243	1.50%	0.037%
152	12.206	12.194	12.221	VV	1625	14646	0.08%	0.002%
153	12.275	12.221	12.297	PV	7434	150079	0.83%	0.020%
154	12.310	12.297	12.335	VV	2263	34894	0.19%	0.005%
155	12.354	12.335	12.373	VV	11232	125054	0.69%	0.017%
156	12.393	12.373	12.413	VV	3750	62272	0.34%	0.008%
157	12.458	12.413	12.480	VV	16410	256586	1.42%	0.035%
158	12.494	12.480	12.501	VV	2806	27276	0.15%	0.004%
159	12.523	12.501	12.551	VV	19008	299366	1.66%	0.041%
160	12.567	12.551	12.574	VV	6063	69868	0.39%	0.010%
161	12.590	12.574	12.627	VV	19020	267454	1.48%	0.036%
162	12.641	12.627	12.656	VV	2020	25058	0.14%	0.003%
163	12.673	12.656	12.683	VV	2743	31400	0.17%	0.004%
164	12.712	12.683	12.723	VV	4972	83778	0.46%	0.011%
165	12.737	12.723	12.753	VV	5703	74469	0.41%	0.010%
166	12.782	12.753	12.825	VV	12017	292245	1.62%	0.040%
167	12.857	12.825	12.873	PV	9093	132127	0.73%	0.018%
168	12.930	12.873	12.959	VV	606108	6677520	36.99%	0.908%
169	12.964	12.959	12.992	VV	7729	109470	0.61%	0.015%
170	13.038	12.992	13.059	VV	678874	8880661	49.19%	1.208%
171	13.081	13.059	13.098	VV	2759	39507	0.22%	0.005%
172	13.116	13.098	13.132	VV	2381	23939	0.13%	0.003%
173	13.158	13.132	13.162	VV	5110	53293	0.30%	0.007%
174	13.174	13.162	13.189	VV	7108	84119	0.47%	0.011%
175	13.210	13.189	13.224	VV	16357	182361	1.01%	0.025%
176	13.232	13.224	13.265	VV	7158	120591	0.67%	0.016%
177	13.278	13.265	13.295	VV	3014	34273	0.19%	0.005%
178	13.342	13.295	13.356	PV	667254	8471701	46.93%	1.152%
179	13.378	13.356	13.396	VV	425150	4302916	23.84%	0.585%
180	13.407	13.396	13.439	VV	21709	268052	1.48%	0.036%
181	13.448	13.439	13.454	VV	1956	14475	0.08%	0.002%
182	13.493	13.454	13.508	VV	10161	142116	0.79%	0.019%
183	13.544	13.508	13.567	VV	568139	6275495	34.76%	0.853%
184	13.587	13.567	13.607	VV	13725	166766	0.92%	0.023%
185	13.619	13.607	13.631	VV	4307	54940	0.30%	0.007%
186	13.648	13.631	13.687	VV	7908	131582	0.73%	0.018%
187	13.717	13.687	13.729	PV	7646	105862	0.59%	0.014%
188	13.739	13.729	13.749	VV	6665	72054	0.40%	0.010%
189	13.780	13.749	13.806	VV	18977	373560	2.07%	0.051%
190	13.819	13.806	13.834	VV	4779	62012	0.34%	0.008%
191	13.846	13.834	13.855	VV	2597	31014	0.17%	0.004%
192	13.870	13.855	13.877	VV	4471	46429	0.26%	0.006%
193	13.913	13.877	13.945	VV	42461	682467	3.78%	0.093%
194	13.974	13.945	13.995	VV	8559	152281	0.84%	0.021%

195	14.020	13.995	14.045	VV	34010	439637	2.44%	0.060%
196	14.064	14.045	14.086	VV	23491	298591	1.65%	0.041%
197	14.134	14.086	14.154	VV	545492	6222757	34.47%	0.846%
198	14.168	14.154	14.181	VV	13515	188057	1.04%	0.026%
199	14.195	14.181	14.217	VV	23176	294167	1.63%	0.040%
200	14.236	14.217	14.258	VV	19838	236194	1.31%	0.032%
201	14.263	14.258	14.266	VV	3267	15515	0.09%	0.002%
202	14.286	14.266	14.296	VV	5122	72008	0.40%	0.010%
203	14.310	14.296	14.325	VV	5487	73648	0.41%	0.010%
204	14.367	14.325	14.402	VV	5546	196260	1.09%	0.027%
205	14.421	14.402	14.429	VV	4377	55938	0.31%	0.008%
206	14.444	14.429	14.456	VV	4558	60001	0.33%	0.008%
207	14.478	14.456	14.486	VV	4231	72295	0.40%	0.010%
208	14.499	14.486	14.516	VV	5187	79995	0.44%	0.011%
209	14.528	14.516	14.536	VV	4528	51505	0.29%	0.007%
210	14.547	14.536	14.553	VV	4243	37826	0.21%	0.005%
211	14.616	14.553	14.637	VV	15765	438089	2.43%	0.060%
212	14.655	14.637	14.682	VV	20267	349700	1.94%	0.048%
213	14.696	14.682	14.707	VV	11755	145108	0.80%	0.020%
214	14.721	14.707	14.742	VV	10157	203127	1.13%	0.028%
215	14.760	14.742	14.807	VV	20064	444179	2.46%	0.060%
216	14.836	14.807	14.853	VV	24699	409084	2.27%	0.056%
217	14.863	14.853	14.875	VV	9274	106322	0.59%	0.014%
218	14.900	14.875	14.922	VV	30758	504569	2.79%	0.069%
219	14.941	14.922	14.951	VV	12783	183582	1.02%	0.025%
220	14.964	14.951	15.001	VV	19131	336759	1.87%	0.046%
221	15.021	15.001	15.042	VV	9530	178725	0.99%	0.024%
222	15.058	15.042	15.064	VV	8482	97651	0.54%	0.013%
223	15.086	15.064	15.116	VV	11601	271478	1.50%	0.037%
224	15.138	15.116	15.147	VV	6349	102334	0.57%	0.014%
225	15.177	15.147	15.186	VV	10372	178834	0.99%	0.024%
226	15.238	15.186	15.258	VV	832047	13516395	74.87%	1.838%
227	15.283	15.258	15.341	VV	579033	7294585	40.41%	0.992%
228	15.359	15.341	15.366	VV	14762	184606	1.02%	0.025%
229	15.388	15.366	15.417	VV	31915	646279	3.58%	0.088%
230	15.454	15.417	15.477	VV	16070	457207	2.53%	0.062%
231	15.481	15.477	15.499	VV	9417	119293	0.66%	0.016%
232	15.522	15.499	15.550	VV	18658	449566	2.49%	0.061%
233	15.573	15.550	15.586	VV	18977	346548	1.92%	0.047%
234	15.592	15.586	15.622	VV	14713	277255	1.54%	0.038%
235	15.662	15.622	15.675	VV	18148	441375	2.44%	0.060%
236	15.703	15.675	15.721	VV	18223	458404	2.54%	0.062%
237	15.762	15.721	15.771	VV	36276	728407	4.03%	0.099%
238	15.786	15.771	15.832	VV	39976	1106369	6.13%	0.150%
239	15.851	15.832	15.871	VV	26705	545956	3.02%	0.074%
240	15.894	15.871	15.915	VV	51104	854322	4.73%	0.116%
241	15.933	15.915	15.966	VV	36565	786380	4.36%	0.107%
242	15.983	15.966	15.996	VV	24856	395710	2.19%	0.054%
243	16.014	15.996	16.026	VV	25265	430110	2.38%	0.058%
244	16.058	16.026	16.086	VV	38051	1164702	6.45%	0.158%
245	16.091	16.086	16.107	VV	23158	282542	1.57%	0.038%
246	16.132	16.107	16.157	VV	29306	741655	4.11%	0.101%

247	16.184	16.157	16.190	VV	25213	465683	2.58%	0.063%
248	16.212	16.190	16.238	VV	28420	721909	4.00%	0.098%
249	16.275	16.238	16.298	VV	516930	6479240	35.89%	0.881%
250	16.327	16.298	16.355	VV	29962	940191	5.21%	0.128%
251	16.370	16.355	16.390	VV	25440	513820	2.85%	0.070%
252	16.398	16.390	16.413	VV	24248	325518	1.80%	0.044%
253	16.436	16.413	16.456	VV	26017	617054	3.42%	0.084%
254	16.494	16.456	16.519	VV	35376	1101958	6.10%	0.150%
255	16.534	16.519	16.550	VV	29867	526966	2.92%	0.072%
256	16.576	16.550	16.621	VV	37880	1409650	7.81%	0.192%
257	16.647	16.621	16.652	VV	33403	564876	3.13%	0.077%
258	16.659	16.652	16.679	VV	34259	546510	3.03%	0.074%
259	16.707	16.679	16.727	VV	41233	1056181	5.85%	0.144%
260	16.753	16.727	16.768	VV	48734	985871	5.46%	0.134%
261	16.820	16.768	16.833	VV	417002	9235030	51.16%	1.256%
262	16.851	16.833	16.869	VV	540719	6698547	37.11%	0.911%
263	16.880	16.869	16.886	VV	47103	461589	2.56%	0.063%
264	16.934	16.886	16.952	VV	73527	2195562	12.16%	0.299%
265	16.962	16.952	16.970	VV	51052	535301	2.97%	0.073%
266	16.975	16.970	16.980	VV	50155	315977	1.75%	0.043%
267	16.991	16.980	17.022	VV	52775	1268084	7.02%	0.172%
268	17.026	17.022	17.036	VV	49305	395684	2.19%	0.054%
269	17.052	17.036	17.064	VV	52621	842498	4.67%	0.115%
270	17.089	17.064	17.104	VV	61118	1369532	7.59%	0.186%
271	17.128	17.104	17.156	VV	117734	2490455	13.80%	0.339%
272	17.208	17.156	17.218	VV	559252	9352602	51.81%	1.272%
273	17.229	17.218	17.254	VV	529158	6059258	33.56%	0.824%
274	17.283	17.254	17.303	VV	96483	2217970	12.29%	0.302%
275	17.319	17.303	17.324	VV	66160	808502	4.48%	0.110%
276	17.334	17.324	17.371	VV	67276	1818881	10.08%	0.247%
277	17.384	17.371	17.399	VV	65067	1051400	5.82%	0.143%
278	17.429	17.399	17.468	VV	76611	2915328	16.15%	0.396%
279	17.479	17.468	17.486	VV	73725	757857	4.20%	0.103%
280	17.514	17.486	17.529	VV	78735	1940528	10.75%	0.264%
281	17.548	17.529	17.554	VV	80893	1193708	6.61%	0.162%
282	17.578	17.554	17.631	VV	85521	3604519	19.97%	0.490%
283	17.649	17.631	17.658	VV	80300	1230105	6.81%	0.167%
284	17.685	17.658	17.727	VV	108094	3637223	20.15%	0.495%
285	17.744	17.727	17.761	VV	85053	1613217	8.94%	0.219%
286	17.777	17.761	17.797	VV	93473	1905324	10.55%	0.259%
287	17.808	17.797	17.812	VV	82470	714270	3.96%	0.097%
288	17.834	17.812	17.870	VV	92813	3049336	16.89%	0.415%
289	17.887	17.870	17.907	VV	89975	1934776	10.72%	0.263%
290	17.915	17.907	17.927	VV	85458	992539	5.50%	0.135%
291	17.940	17.927	17.962	VV	84803	1734118	9.61%	0.236%
292	17.979	17.962	17.996	VV	90698	1776250	9.84%	0.242%
293	18.009	17.996	18.014	VV	87408	950411	5.26%	0.129%
294	18.054	18.014	18.078	VV	100717	3549360	19.66%	0.483%
295	18.126	18.078	18.184	VV	557328	11864278	65.72%	1.614%
296	18.210	18.184	18.223	VV	105153	2266210	12.55%	0.308%
297	18.228	18.223	18.232	VV	96422	535326	2.97%	0.073%
298	18.281	18.232	18.289	VV	110486	3477448	19.26%	0.473%
299	18.309	18.289	18.326	VV	157726	2924460	16.20%	0.398%

300	18.336	18.326	18.380	VV	127418	3719902	20.61%	0.506%
301	18.389	18.380	18.404	VV	105373	1515491	8.39%	0.206%
302	18.409	18.404	18.429	VV	104903	1546781	8.57%	0.210%
303	18.478	18.429	18.497	VV	128058	4611038	25.54%	0.627%
304	18.510	18.497	18.528	VV	120965	2190837	12.14%	0.298%
305	18.543	18.528	18.552	VV	130300	1805192	10.00%	0.246%
306	18.600	18.552	18.611	VV	436134	10356125	57.37%	1.408%
307	18.630	18.611	18.664	VV	512938	9075266	50.27%	1.234%
308	18.682	18.664	18.700	VV	166756	3142156	17.41%	0.427%
309	18.711	18.700	18.727	VV	137970	2140800	11.86%	0.291%
310	18.742	18.727	18.759	VV	134219	2499081	13.84%	0.340%
311	18.764	18.759	18.773	VV	126471	1021317	5.66%	0.139%
312	18.797	18.773	18.808	VV	128395	2671092	14.80%	0.363%
313	18.868	18.808	18.906	VV	483915	13583166	75.24%	1.847%
314	18.960	18.906	19.008	VV	579759	13336822	73.88%	1.814%
315	19.023	19.008	19.036	VV	123163	2023449	11.21%	0.275%
316	19.064	19.036	19.076	VV	127970	3003247	16.64%	0.408%
317	19.103	19.076	19.129	VV	161101	4465622	24.74%	0.607%
318	19.153	19.129	19.181	VV	163337	4472594	24.77%	0.608%
319	19.191	19.181	19.204	VV	139160	1929938	10.69%	0.262%
320	19.211	19.204	19.216	VV	137071	997378	5.52%	0.136%
321	19.221	19.216	19.228	VV	136735	970966	5.38%	0.132%
322	19.242	19.228	19.247	VV	144953	1616141	8.95%	0.220%
323	19.264	19.247	19.279	VV	148565	2777250	15.38%	0.378%
324	19.283	19.279	19.310	VV	147429	2666753	14.77%	0.363%
325	19.354	19.310	19.372	VV	166232	5617216	31.12%	0.764%
326	19.378	19.372	19.385	VV	146553	1121943	6.21%	0.153%
327	19.390	19.385	19.396	VV	145032	941585	5.22%	0.128%
328	19.436	19.396	19.473	VV	172819	7142423	39.56%	0.971%
329	19.502	19.473	19.517	VV	172220	4287679	23.75%	0.583%
330	19.534	19.517	19.589	VV	172581	6943154	38.46%	0.944%
331	19.607	19.589	19.635	VV	156699	4240836	23.49%	0.577%
332	19.643	19.635	19.647	VV	158257	1104462	6.12%	0.150%
333	19.653	19.647	19.662	VV	158574	1476158	8.18%	0.201%
334	19.690	19.662	19.703	VV	165290	3933226	21.79%	0.535%
335	19.750	19.703	19.774	VV	599889	12357120	68.45%	1.681%
336	19.786	19.774	19.796	VV	176119	2341018	12.97%	0.318%
337	19.818	19.796	19.838	VV	189676	4571415	25.32%	0.622%
338	19.853	19.838	19.869	VV	181847	3272276	18.13%	0.445%
339	19.882	19.869	19.892	VV	179651	2448840	13.56%	0.333%
340	19.914	19.892	19.929	VV	184717	4008146	22.20%	0.545%
341	19.934	19.929	19.941	VV	180334	1235318	6.84%	0.168%
342	19.944	19.941	19.958	VV	179109	1861044	10.31%	0.253%
343	19.997	19.958	20.027	VV	190601	7533399	41.73%	1.025%
344	20.059	20.027	20.071	VV	203332	4998128	27.69%	0.680%
345	20.075	20.071	20.094	VV	204785	2737417	15.16%	0.372%
346	20.129	20.094	20.137	VV	213395	5301289	29.37%	0.721%
347	20.150	20.137	20.190	VV	219532	6699115	37.11%	0.911%
348	20.214	20.190	20.242	VV	206853	6191021	34.29%	0.842%
349	20.248	20.242	20.273	VV	191129	3417059	18.93%	0.465%
350	20.284	20.273	20.299	VV	190866	2991565	16.57%	0.407%
351	20.332	20.299	20.347	VV	197163	5606321	31.05%	0.762%

352	20.385	20.347	20.416	VV	223689	8513578	47.16%	1.158%
353	20.420	20.416	20.425	VV	203100	1167347	6.47%	0.159%
354	20.444	20.425	20.464	VV	219584	4821221	26.71%	0.656%
355	20.496	20.464	20.521	VV	578175	11651283	64.54%	1.585%
356	20.531	20.521	20.551	VV	190373	3331595	18.45%	0.453%
357	20.556	20.551	20.564	VV	185027	1482479	8.21%	0.202%
358	20.572	20.564	20.578	VV	187432	1531943	8.49%	0.208%
359	20.610	20.578	20.625	VV	200783	5502155	30.48%	0.748%
360	20.630	20.625	20.641	VV	191604	1777858	9.85%	0.242%
361	20.657	20.641	20.662	VV	194282	2425739	13.44%	0.330%
362	20.671	20.662	20.675	VV	195871	1567411	8.68%	0.213%
363	20.687	20.675	20.706	VV	201285	3555335	19.69%	0.484%
364	20.711	20.706	20.717	VV	194970	1263729	7.00%	0.172%
365	20.729	20.717	20.735	VV	194372	2137028	11.84%	0.291%
366	20.745	20.735	20.774	VV	197789	4472842	24.78%	0.608%
367	20.779	20.774	20.824	VV	187454	5466980	30.28%	0.743%
368	20.834	20.824	20.840	VV	173611	1627205	9.01%	0.221%
369	20.843	20.840	20.848	VV	171942	918273	5.09%	0.125%
370	20.854	20.848	20.858	VV	172003	994351	5.51%	0.135%
371	20.861	20.858	20.864	VV	172235	612630	3.39%	0.083%
372	20.873	20.864	20.877	VV	174938	1326147	7.35%	0.180%
373	20.893	20.877	20.900	VV	176683	2404241	13.32%	0.327%
374	20.911	20.900	20.922	VV	178426	2406631	13.33%	0.327%
375	20.931	20.922	20.952	VV	177130	3191645	17.68%	0.434%
376	20.961	20.952	20.967	VV	181098	1603617	8.88%	0.218%
377	20.984	20.967	21.011	VV	184345	4666291	25.85%	0.635%
378	21.045	21.011	21.074	VV	189152	6898834	38.21%	0.938%
379	21.086	21.074	21.095	VV	176966	2151378	11.92%	0.293%
380	21.101	21.095	21.112	VV	175449	1828315	10.13%	0.249%
381	21.116	21.112	21.141	VV	172982	2834440	15.70%	0.385%
382	21.149	21.141	21.212	VV	166861	6891794	38.18%	0.937%
383	21.226	21.212	21.231	VV	154158	1752142	9.71%	0.238%
384	21.329	21.231	21.369	VV	444008	18052922	100.00%	2.455%
385	21.392	21.369	21.401	VV	163211	3057265	16.94%	0.416%
386	21.406	21.401	21.412	VV	160531	1115471	6.18%	0.152%
387	21.415	21.412	21.425	VV	159724	1148889	6.36%	0.156%
388	21.430	21.425	21.455	VV	156298	2864699	15.87%	0.390%
389	21.463	21.455	21.536	VV	153543	6950659	38.50%	0.945%
390	21.541	21.536	21.561	VV	131780	1866170	10.34%	0.254%
391	21.583	21.561	21.587	VV	126360	1982733	10.98%	0.270%
392	21.593	21.587	21.599	VV	127004	897564	4.97%	0.122%
393	21.609	21.599	21.614	VV	127647	1099126	6.09%	0.149%
394	21.635	21.614	21.642	VV	134820	2254801	12.49%	0.307%
395	21.648	21.642	21.651	VV	132349	692363	3.84%	0.094%
396	21.663	21.651	21.675	VV	134012	1910424	10.58%	0.260%
397	21.701	21.675	21.708	VV	133235	2581777	14.30%	0.351%
398	21.717	21.708	21.728	VV	132777	1618954	8.97%	0.220%
399	21.736	21.728	21.744	VV	133935	1259757	6.98%	0.171%
400	21.760	21.744	21.768	VV	133593	1848033	10.24%	0.251%
401	21.773	21.768	21.775	VV	133578	627348	3.48%	0.085%
402	21.807	21.775	21.813	VV	142700	3086323	17.10%	0.420%
403	21.819	21.813	21.857	VV	141430	3661075	20.28%	0.498%
404	21.862	21.857	21.959	VV	131634	7321315	40.55%	0.996%

405	21.972	21.959	21.996	VV	111068	2368603	13.12%	0.322%
406	22.009	21.996	22.016	VV	107393	1281549	7.10%	0.174%
407	22.024	22.016	22.036	VV	109843	1281155	7.10%	0.174%
408	22.051	22.036	22.061	VV	112819	1670461	9.25%	0.227%
409	22.072	22.061	22.081	VV	115815	1375911	7.62%	0.187%
410	22.089	22.081	22.099	VV	117164	1246765	6.91%	0.170%
411	22.109	22.099	22.115	VV	115928	1123294	6.22%	0.153%
412	22.121	22.115	22.130	VV	114420	957803	5.31%	0.130%
413	22.147	22.130	22.158	VV	112108	1881185	10.42%	0.256%
414	22.164	22.158	22.172	VV	110265	922134	5.11%	0.125%
415	22.180	22.172	22.189	VV	108642	1113605	6.17%	0.151%
416	22.198	22.189	22.205	VV	108645	990191	5.48%	0.135%
417	22.209	22.205	22.214	VV	108036	573486	3.18%	0.078%
418	22.226	22.214	22.239	VV	113219	1714558	9.50%	0.233%
419	22.251	22.239	22.266	VV	115675	1808153	10.02%	0.246%
420	22.272	22.266	22.277	VV	115697	811163	4.49%	0.110%
421	22.284	22.277	22.291	VV	115788	915952	5.07%	0.125%
422	22.295	22.291	22.300	VV	113783	627995	3.48%	0.085%
423	22.307	22.300	22.329	VV	115781	1974188	10.94%	0.268%
424	22.389	22.329	22.441	VBA	310089	11430052	63.31%	1.554%

Sum of corrected areas: 735303467