

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050123AL\
 Data File : FE041625.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2023 09:44
 Sample : 02505-03DL 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.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	3.051	3.005	3.074	BV	283	2807	0.11%	0.003%
2	3.085	3.074	3.118	VV	129	1186	0.05%	0.001%
3	3.140	3.118	3.165	PV	109	1775	0.07%	0.002%
4	3.206	3.165	3.224	VV	218	3342	0.14%	0.004%
5	3.238	3.224	3.253	VV	131	1576	0.06%	0.002%
6	3.295	3.253	3.305	VV	138	2823	0.11%	0.003%
7	3.318	3.305	3.326	VV	86	1020	0.04%	0.001%
8	3.342	3.326	3.367	PV	164	2770	0.11%	0.003%
9	3.393	3.367	3.445	VV	194	5866	0.24%	0.007%
10	3.483	3.445	3.516	VV	182	5839	0.24%	0.007%
11	3.535	3.516	3.561	VV	215	4582	0.19%	0.005%
12	3.569	3.561	3.576	VV	207	1734	0.07%	0.002%
13	3.596	3.576	3.610	VV	252	3917	0.16%	0.005%
14	3.637	3.610	3.651	VV	294	5030	0.20%	0.006%
15	3.661	3.651	3.723	VV	479	9205	0.37%	0.011%
16	3.732	3.723	3.742	VV	237	2018	0.08%	0.002%
17	3.752	3.742	3.764	VV	175	2200	0.09%	0.003%
18	3.798	3.764	3.818	VV	269	6460	0.26%	0.008%
19	3.829	3.818	3.849	VV	237	3358	0.14%	0.004%
20	3.866	3.849	3.905	VV	225	5607	0.23%	0.007%
21	3.942	3.905	3.958	VV	368	6937	0.28%	0.008%
22	3.966	3.958	4.020	VV	245	5404	0.22%	0.006%
23	4.042	4.020	4.091	VV	682	11311	0.46%	0.013%
24	4.110	4.091	4.122	VV	179	2371	0.10%	0.003%
25	4.157	4.122	4.235	VV	797	24000	0.97%	0.028%
26	4.242	4.235	4.248	VV	195	1657	0.07%	0.002%
27	4.334	4.248	4.361	VV	640	18510	0.75%	0.022%
28	4.377	4.361	4.402	VV	284	5827	0.24%	0.007%
29	4.423	4.402	4.466	VV	287	8578	0.35%	0.010%
30	4.474	4.466	4.492	VV	233	2961	0.12%	0.003%
31	4.509	4.492	4.534	VV	265	5451	0.22%	0.006%

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32	4.561	4.534	4.581	VV	321	6720	0.27%	0.008%
33	4.614	4.581	4.633	VV	377	7664	0.31%	0.009%
34	4.650	4.633	4.668	VV	630	7728	0.31%	0.009%
35	4.688	4.668	4.708	VV	384	6177	0.25%	0.007%
36	4.722	4.708	4.753	VV	261	5610	0.23%	0.007%
37	4.779	4.753	4.861	VV	261	11373	0.46%	0.013%
38	4.867	4.861	4.885	VV	185	2151	0.09%	0.003%
39	4.894	4.885	4.908	VV	247	2441	0.10%	0.003%
40	4.932	4.908	4.959	VV	327	7636	0.31%	0.009%
41	4.976	4.959	4.988	VV	228	3492	0.14%	0.004%
42	4.999	4.988	5.014	VV	362	4555	0.18%	0.005%
43	5.032	5.014	5.058	VV	607	9702	0.39%	0.011%
44	5.070	5.058	5.091	VV	250	4310	0.17%	0.005%
45	5.112	5.091	5.142	VV	1108	13889	0.56%	0.016%
46	5.157	5.142	5.181	VV	253	4533	0.18%	0.005%
47	5.191	5.181	5.211	VV	382	4115	0.17%	0.005%
48	5.227	5.211	5.239	VV	217	2583	0.10%	0.003%
49	5.255	5.239	5.276	VV	363	5221	0.21%	0.006%
50	5.286	5.276	5.296	VV	275	2527	0.10%	0.003%
51	5.316	5.296	5.347	VV	738	12957	0.52%	0.015%
52	5.370	5.347	5.383	VV	712	8404	0.34%	0.010%
53	5.398	5.383	5.418	VV	1299	13657	0.55%	0.016%
54	5.430	5.418	5.445	VV	350	3804	0.15%	0.004%
55	5.456	5.445	5.471	VV	162	2115	0.09%	0.002%
56	5.496	5.471	5.538	VV	312	7928	0.32%	0.009%
57	5.551	5.538	5.579	VV	317	5171	0.21%	0.006%
58	5.605	5.579	5.685	VV	508	11313	0.46%	0.013%
59	5.691	5.685	5.714	VV	179	1848	0.07%	0.002%
60	5.745	5.714	5.762	VV	1699	18756	0.76%	0.022%
61	5.780	5.762	5.814	VV	1583	18790	0.76%	0.022%
62	5.824	5.814	5.841	VV	196	2526	0.10%	0.003%
63	5.856	5.841	5.893	VV	141	3048	0.12%	0.004%
64	5.942	5.893	5.961	PV	628	11573	0.47%	0.014%
65	5.974	5.961	5.988	VV	342	4316	0.17%	0.005%
66	6.008	5.988	6.020	VV	247	4063	0.16%	0.005%
67	6.041	6.020	6.056	VV	1598	18397	0.74%	0.022%
68	6.064	6.056	6.088	VV	801	8925	0.36%	0.010%
69	6.098	6.088	6.125	VV	838	9263	0.37%	0.011%
70	6.137	6.125	6.156	VV	490	5985	0.24%	0.007%
71	6.179	6.156	6.205	VV	273	5372	0.22%	0.006%
72	6.229	6.205	6.251	VV	608	8925	0.36%	0.010%
73	6.282	6.251	6.305	VV	586	11132	0.45%	0.013%
74	6.357	6.305	6.398	VV	884	19881	0.80%	0.023%
75	6.421	6.398	6.441	VV	463	7481	0.30%	0.009%
76	6.462	6.441	6.498	VV	1116	25254	1.02%	0.030%
77	6.509	6.498	6.538	VV	526	9053	0.37%	0.011%
78	6.551	6.538	6.567	VV	928	8996	0.36%	0.011%
79	6.594	6.567	6.667	VV	1245	27356	1.11%	0.032%

80	6.699	6.667	6.744	VV	rteres 892	15676	0.63%	0.018%
81	6.779	6.744	6.831	VV	659	12568	0.51%	0.015%
82	6.864	6.831	6.878	VV	371	6608	0.27%	0.008%
83	6.897	6.878	6.918	VV	995	14789	0.60%	0.017%
84	6.931	6.918	6.959	VV	628	7979	0.32%	0.009%
85	6.982	6.959	7.001	VV	690	9687	0.39%	0.011%
86	7.011	7.001	7.044	VV	403	8023	0.32%	0.009%
87	7.065	7.044	7.088	VV	1871	21279	0.86%	0.025%
88	7.102	7.088	7.111	VV	306	3386	0.14%	0.004%
89	7.126	7.111	7.152	VV	315	5603	0.23%	0.007%
90	7.188	7.152	7.211	VV	1505	21676	0.88%	0.025%
91	7.225	7.211	7.241	VV	440	5463	0.22%	0.006%
92	7.259	7.241	7.281	VV	793	11361	0.46%	0.013%
93	7.313	7.281	7.333	VV	970	17645	0.71%	0.021%
94	7.355	7.333	7.388	VV	1887	30691	1.24%	0.036%
95	7.416	7.388	7.448	VV	2158	35402	1.43%	0.041%
96	7.464	7.448	7.482	VV	703	10281	0.42%	0.012%
97	7.504	7.482	7.537	VV	1051	18470	0.75%	0.022%
98	7.557	7.537	7.588	VV	1463	22809	0.92%	0.027%
99	7.622	7.588	7.641	VV	353	8648	0.35%	0.010%
100	7.661	7.641	7.676	VV	455	6739	0.27%	0.008%
101	7.728	7.676	7.758	VV	1526	28587	1.16%	0.033%
102	7.788	7.758	7.801	VV	619	12164	0.49%	0.014%
103	7.818	7.801	7.845	VV	644	11919	0.48%	0.014%
104	7.904	7.845	7.931	VV	864	20230	0.82%	0.024%
105	7.959	7.931	7.985	VV	688	12769	0.52%	0.015%
106	7.998	7.985	8.015	VV	298	3520	0.14%	0.004%
107	8.099	8.081	8.111	VV	475	6887	0.28%	0.008%
108	8.128	8.111	8.178	VV	632	18428	0.75%	0.022%
109	8.197	8.178	8.240	VV	602	16811	0.68%	0.020%
110	8.257	8.240	8.279	VV	536	8964	0.36%	0.010%
111	8.309	8.279	8.350	VV	766	21351	0.86%	0.025%
112	8.364	8.350	8.396	VV	733	12420	0.50%	0.015%
113	8.429	8.396	8.468	VV	1194	27458	1.11%	0.032%
114	8.502	8.468	8.511	VV	431	9359	0.38%	0.011%
115	8.535	8.511	8.552	VV	1927	25437	1.03%	0.030%
116	8.563	8.552	8.581	VV	988	12176	0.49%	0.014%
117	8.611	8.581	8.637	VV	1164	20494	0.83%	0.024%
118	8.652	8.637	8.671	VV	458	6420	0.26%	0.008%
119	8.699	8.671	8.751	VV	713	21329	0.86%	0.025%
120	8.763	8.751	8.796	VV	310	6694	0.27%	0.008%
121	8.812	8.796	8.876	VV	545	9954	0.40%	0.012%
122	8.974	8.955	9.001	VV	321	6263	0.25%	0.007%
123	9.023	9.001	9.048	VV	305	6342	0.26%	0.007%
124	9.067	9.048	9.090	VV	400	8326	0.34%	0.010%
125	9.105	9.090	9.111	VV	385	4380	0.18%	0.005%
126	9.151	9.111	9.188	VV	610	16268	0.66%	0.019%

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127	9.206	9.188	9.221	VV	309	4545	0.18%	0.005%
128	9.261	9.221	9.281	VV	626	10619	0.43%	0.012%
129	9.297	9.281	9.311	VV	291	3686	0.15%	0.004%
130	9.342	9.311	9.370	VV	1136	21492	0.87%	0.025%
131	9.384	9.370	9.408	VV	372	7020	0.28%	0.008%
132	9.435	9.408	9.460	VV	1358	20655	0.84%	0.024%
133	9.473	9.460	9.495	VV	581	7613	0.31%	0.009%
134	9.501	9.495	9.561	VV	232	5494	0.22%	0.006%
135	9.591	9.561	9.608	VV	504	6803	0.28%	0.008%
136	9.622	9.608	9.661	VV	530	7555	0.31%	0.009%
137	9.675	9.661	9.685	VV	77	999	0.04%	0.001%
138	9.727	9.685	9.747	PV	559	10075	0.41%	0.012%
139	9.790	9.747	9.801	VV	275	5974	0.24%	0.007%
140	9.835	9.801	9.863	VV	384	9002	0.36%	0.011%
141	9.908	9.863	9.928	VV	504	12006	0.49%	0.014%
142	9.938	9.928	9.951	VV	165	2119	0.09%	0.002%
143	9.992	9.951	10.009	VV	499	8306	0.34%	0.010%
144	10.017	10.009	10.070	VV	399	9095	0.37%	0.011%
145	10.089	10.070	10.116	VV	1000	12797	0.52%	0.015%
146	10.139	10.116	10.161	VV	427	8257	0.33%	0.010%
147	10.183	10.161	10.199	VV	486	8020	0.32%	0.009%
148	10.220	10.199	10.280	VV	1447	23150	0.94%	0.027%
149	10.299	10.280	10.308	VV	69	923	0.04%	0.001%
150	10.325	10.308	10.353	VV	249	2688	0.11%	0.003%
151	10.399	10.353	10.447	VV	344	7886	0.32%	0.009%
152	10.497	10.447	10.523	PV	243	4751	0.19%	0.006%
153	10.562	10.523	10.595	VV	374	8444	0.34%	0.010%
154	10.611	10.595	10.633	VV	671	8778	0.36%	0.010%
155	10.667	10.633	10.682	VV	847	13518	0.55%	0.016%
156	10.692	10.682	10.722	VV	740	11833	0.48%	0.014%
157	10.737	10.722	10.783	VV	478	10299	0.42%	0.012%
158	10.824	10.783	10.902	VV	836	32346	1.31%	0.038%
159	10.911	10.902	10.937	VV	483	8281	0.33%	0.010%
160	10.961	10.937	11.001	VV	1484	25317	1.02%	0.030%
161	11.034	11.001	11.078	VV	986	24400	0.99%	0.029%
162	11.101	11.078	11.129	VV	444	8582	0.35%	0.010%
163	11.183	11.129	11.197	PV	410	7795	0.32%	0.009%
164	11.216	11.197	11.258	VV	600	11002	0.45%	0.013%
165	11.300	11.258	11.321	VV	577	14814	0.60%	0.017%
166	11.357	11.321	11.400	VV	750	17712	0.72%	0.021%
167	11.414	11.400	11.445	VV	354	6644	0.27%	0.008%
168	11.476	11.445	11.497	VV	315	7847	0.32%	0.009%
169	11.522	11.497	11.544	VV	565	8857	0.36%	0.010%
170	11.607	11.544	11.630	VV	670	20906	0.85%	0.024%
171	11.665	11.630	11.685	VV	1800	26315	1.06%	0.031%
172	11.694	11.685	11.724	VV	401	8007	0.32%	0.009%
173	11.756	11.724	11.781	VV	1079	18341	0.74%	0.021%
174	11.820	11.781	11.836	VV	317	5599	0.23%	0.007%

175	11.863	11.836	11.894	PV	491	11233	0.45%	0.013%
176	11.911	11.894	11.934	VV	625	8310	0.34%	0.010%
177	11.984	11.934	12.011	VV	31078	349222	14.12%	0.409%
178	12.020	12.011	12.035	VV	760	7852	0.32%	0.009%
179	12.052	12.035	12.088	VV	951	15125	0.61%	0.018%
180	12.117	12.088	12.136	VV	793	12332	0.50%	0.014%
181	12.153	12.136	12.182	VV	491	10958	0.44%	0.013%
182	12.200	12.182	12.241	VV	592	10894	0.44%	0.013%
183	12.272	12.241	12.295	PV	312	4091	0.17%	0.005%
184	12.336	12.295	12.367	VV	1677	31739	1.28%	0.037%
185	12.401	12.367	12.441	VV	834	20246	0.82%	0.024%
186	12.494	12.441	12.517	VV	491	10399	0.42%	0.012%
187	12.540	12.517	12.558	PV	331	4080	0.17%	0.005%
188	12.580	12.558	12.598	VV	844	11901	0.48%	0.014%
189	12.609	12.598	12.664	VV	465	12069	0.49%	0.014%
190	12.704	12.664	12.730	VV	572	10970	0.44%	0.013%
191	12.747	12.730	12.785	VV	515	10217	0.41%	0.012%
192	12.810	12.785	12.860	PV	477	11291	0.46%	0.013%
193	12.922	12.860	12.941	VV	925	22385	0.91%	0.026%
194	12.976	12.941	13.018	VV	2088	37446	1.51%	0.044%
195	13.039	13.018	13.072	VV	1479	22149	0.90%	0.026%
196	13.092	13.072	13.111	VV	1128	13523	0.55%	0.016%
197	13.126	13.111	13.155	VV	457	5873	0.24%	0.007%
198	13.169	13.155	13.180	VV	332	2703	0.11%	0.003%
199	13.197	13.180	13.210	PV	534	4870	0.20%	0.006%
200	13.251	13.210	13.285	VV	715	23763	0.96%	0.028%
201	13.311	13.285	13.325	VV	825	13359	0.54%	0.016%
202	13.338	13.325	13.365	VV	1563	20870	0.84%	0.024%
203	13.422	13.365	13.501	VV	22976	310708	12.57%	0.364%
204	13.525	13.501	13.547	VV	1034	18624	0.75%	0.022%
205	13.590	13.547	13.603	VV	1658	32218	1.30%	0.038%
206	13.616	13.603	13.635	VV	1616	26129	1.06%	0.031%
207	13.659	13.635	13.712	VV	1694	53673	2.17%	0.063%
208	13.762	13.712	13.781	VV	1083	34977	1.41%	0.041%
209	13.824	13.781	13.847	VV	2526	66742	2.70%	0.078%
210	13.864	13.847	13.882	VV	2264	40029	1.62%	0.047%
211	13.930	13.882	13.956	VV	2587	92823	3.75%	0.109%
212	14.023	13.956	14.051	VV	3185	138701	5.61%	0.162%
213	14.080	14.051	14.091	VV	3408	74688	3.02%	0.087%
214	14.105	14.091	14.125	VV	3540	66491	2.69%	0.078%
215	14.194	14.125	14.216	VV	4685	209046	8.46%	0.245%
216	14.238	14.216	14.255	VV	5422	109876	4.44%	0.129%
217	14.266	14.255	14.288	VV	4468	81122	3.28%	0.095%
218	14.324	14.288	14.342	VV	4250	124389	5.03%	0.146%
219	14.407	14.342	14.433	VV	7390	300917	12.17%	0.352%
220	14.446	14.433	14.458	VV	6286	90654	3.67%	0.106%
221	14.502	14.487	14.528	VV	6179	141449	5.72%	0.166%

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222	14.564	14.528	14.575	VV	7985	192816	7.80%	0.226%
223	14.710	14.688	14.721	VV	8194	155575	6.29%	0.182%
224	14.745	14.721	14.772	VV	10040	285882	11.56%	0.335%
225	14.800	14.772	14.825	VV	11915	327505	13.25%	0.383%
226	14.834	14.825	14.848	VV	9970	135607	5.48%	0.159%
227	14.867	14.848	14.895	VV	10548	275805	11.16%	0.323%
228	14.994	14.975	15.010	VV	13209	270341	10.93%	0.317%
229	15.025	15.010	15.044	VV	13431	260742	10.55%	0.305%
230	15.183	15.158	15.194	VV	16716	342793	13.86%	0.401%
231	15.208	15.194	15.233	VV	16856	372183	15.05%	0.436%
232	15.285	15.270	15.301	VV	18498	332226	13.44%	0.389%
233	15.390	15.378	15.405	VV	18567	292836	11.84%	0.343%
234	15.424	15.405	15.439	VV	18791	363070	14.69%	0.425%
235	15.555	15.544	15.575	VV	22831	412690	16.69%	0.483%
236	15.590	15.575	15.601	VV	22446	345879	13.99%	0.405%
237	15.705	15.688	15.716	VV	29070	488421	19.76%	0.572%
238	15.774	15.749	15.784	VV	27327	553346	22.38%	0.648%
239	15.935	15.920	15.954	VV	27818	556918	22.53%	0.652%
240	15.990	15.954	16.007	VV	32310	968147	39.16%	1.134%
241	16.118	16.083	16.140	VV	34757	1139400	46.08%	1.334%
242	16.163	16.140	16.175	VV	35873	716923	29.00%	0.839%
243	16.277	16.256	16.288	VV	35085	648958	26.25%	0.760%
244	16.303	16.288	16.316	VV	36169	606590	24.53%	0.710%
245	16.352	16.316	16.383	VV	41450	1518429	61.42%	1.778%
246	16.403	16.383	16.438	VV	35121	1128926	45.66%	1.322%
247	16.484	16.438	16.503	VV	39464	1451658	58.71%	1.700%
248	16.516	16.503	16.568	VV	39335	1463577	59.20%	1.714%
249	16.618	16.568	16.648	VV	41434	1883215	76.17%	2.205%
250	16.669	16.648	16.735	VV	41725	2068863	83.68%	2.423%
251	16.782	16.735	16.804	VV	42298	1623637	65.67%	1.901%
252	16.821	16.804	16.875	VV	40798	1664773	67.33%	1.949%
253	16.885	16.875	16.918	VV	36996	932764	37.73%	1.092%
254	16.949	16.918	16.991	VV	42195	1737743	70.29%	2.035%
255	17.011	16.991	17.043	VV	40768	1218365	49.28%	1.427%
256	17.061	17.043	17.075	VV	38160	718975	29.08%	0.842%
257	17.098	17.075	17.167	VV	42872	2212232	89.48%	2.590%
258	17.179	17.167	17.211	VV	37565	956538	38.69%	1.120%
259	17.254	17.211	17.266	VV	38928	1221667	49.41%	1.431%
260	17.291	17.266	17.318	VV	39821	1186103	47.97%	1.389%
261	17.328	17.318	17.365	VV	37425	1011504	40.91%	1.184%
262	17.394	17.365	17.447	VV	37938	1817763	73.52%	2.128%
263	17.458	17.447	17.468	VV	37448	456268	18.45%	0.534%
264	17.481	17.468	17.493	VV	37378	559118	22.61%	0.655%
265	17.504	17.493	17.536	VV	37096	933189	37.74%	1.093%
266	17.580	17.536	17.615	VV	37627	1717898	69.48%	2.012%
267	17.634	17.615	17.660	VV	37673	962795	38.94%	1.127%
268	17.701	17.660	17.775	VV	38792	2472388	100.00%	2.895%
269	17.833	17.775	17.865	VV	37449	1861589	75.30%	2.180%

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270	17.877	17.865	17.901	VV	34552	742316	30.02%	0.869%
271	17.914	17.901	17.933	VV	33360	641593	25.95%	0.751%
272	17.954	17.933	17.971	VV	34495	766683	31.01%	0.898%
273	18.014	17.971	18.038	VV	34196	1341267	54.25%	1.571%
274	18.046	18.038	18.062	VV	33012	465869	18.84%	0.546%
275	18.080	18.062	18.130	VV	34461	1373739	55.56%	1.609%
276	18.148	18.130	18.197	VV	35095	1311895	53.06%	1.536%
277	18.233	18.197	18.257	VV	35864	1186695	48.00%	1.390%
278	18.275	18.257	18.288	VV	32855	593699	24.01%	0.695%
279	18.305	18.288	18.318	VV	34010	599338	24.24%	0.702%
280	18.325	18.318	18.382	VV	33521	1213266	49.07%	1.421%
281	18.435	18.382	18.458	VV	32521	1422725	57.54%	1.666%
282	18.470	18.458	18.484	VV	32479	479668	19.40%	0.562%
283	18.520	18.484	18.551	VV	34495	1339865	54.19%	1.569%
284	18.567	18.551	18.610	VV	34018	1116370	45.15%	1.307%
285	18.628	18.610	18.643	VV	30643	606263	24.52%	0.710%
286	18.662	18.643	18.688	VV	30957	818210	33.09%	0.958%
287	18.708	18.688	18.746	VV	30338	1048241	42.40%	1.227%
288	18.768	18.746	18.804	VV	30321	1006554	40.71%	1.179%
289	18.851	18.804	18.918	VV	30221	2000576	80.92%	2.343%
290	18.979	18.918	19.012	VV	30655	1654704	66.93%	1.938%
291	19.020	19.012	19.035	VV	29188	389196	15.74%	0.456%
292	19.074	19.035	19.103	VV	31563	1213660	49.09%	1.421%
293	19.131	19.103	19.144	VV	28289	705648	28.54%	0.826%
294	19.156	19.144	19.196	VV	28526	860161	34.79%	1.007%
295	19.236	19.196	19.258	VV	29017	1026211	41.51%	1.202%
296	19.272	19.258	19.285	VV	28387	450794	18.23%	0.528%
297	19.295	19.285	19.311	VV	28732	455937	18.44%	0.534%
298	19.318	19.311	19.325	VV	29017	244516	9.89%	0.286%
299	19.392	19.325	19.442	VV	31487	2127602	86.05%	2.491%
300	19.487	19.442	19.529	VV	31885	1597116	64.60%	1.870%
301	19.568	19.529	19.583	VV	31503	991261	40.09%	1.161%
302	19.595	19.583	19.607	VV	30693	449364	18.18%	0.526%
303	19.646	19.607	19.658	VV	32489	951451	38.48%	1.114%
304	19.670	19.658	19.707	VV	32539	937452	37.92%	1.098%
305	19.796	19.707	19.808	VV	33845	1961790	79.35%	2.297%

Sum of corrected areas: 85401182

Aliphatic EPH 042123.M Mon May 01 13:37:23 2023