

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111825AL\
 Data File : FE056918.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2025 23:08
 Sample : Q3658-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.629	2.574	2.710	BV	16483	204176	1.55%	0.064%
2	2.737	2.710	2.839	VV	27649	484734	3.69%	0.151%
3	2.852	2.839	2.918	VV	510	14601	0.11%	0.005%
4	2.924	2.918	2.933	VV	171	1285	0.01%	0.000%
5	2.946	2.933	2.968	VV	214	2650	0.02%	0.001%
6	3.012	2.968	3.066	VV	4927	63245	0.48%	0.020%
7	3.082	3.066	3.158	VV	283	6387	0.05%	0.002%
8	3.182	3.158	3.212	PV	187	2671	0.02%	0.001%
9	3.222	3.212	3.234	PV	56	378	0.00%	0.000%
10	3.239	3.234	3.245	VV	138	493	0.00%	0.000%
11	3.308	3.245	3.438	VV	395316	3953770	30.10%	1.231%
12	3.452	3.438	3.495	VV	692	19302	0.15%	0.006%
13	3.516	3.495	3.573	VV	526	19861	0.15%	0.006%
14	3.588	3.573	3.608	VV	449	6890	0.05%	0.002%
15	3.624	3.608	3.638	VV	446	6558	0.05%	0.002%
16	3.662	3.638	3.740	VV	10787	121072	0.92%	0.038%
17	3.755	3.740	3.776	VV	349	6349	0.05%	0.002%
18	3.805	3.776	3.854	VV	963	26828	0.20%	0.008%
19	3.866	3.854	3.878	VV	391	5233	0.04%	0.002%
20	3.924	3.878	3.965	VV	597	22050	0.17%	0.007%
21	3.995	3.965	4.014	VV	392	10403	0.08%	0.003%
22	4.022	4.014	4.051	VV	397	7678	0.06%	0.002%
23	4.061	4.051	4.081	VV	398	5504	0.04%	0.002%
24	4.148	4.081	4.187	VV	13273	149575	1.14%	0.047%
25	4.212	4.187	4.249	VV	537	14010	0.11%	0.004%
26	4.273	4.249	4.288	VV	376	7444	0.06%	0.002%
27	4.300	4.288	4.321	VV	470	8575	0.07%	0.003%
28	4.331	4.321	4.341	VV	425	4850	0.04%	0.002%
29	4.348	4.341	4.491	VV	479	30836	0.23%	0.010%
30	4.501	4.491	4.520	VV	381	5888	0.04%	0.002%
31	4.562	4.520	4.582	VV	458046	4426478	33.69%	1.379%
32	4.601	4.582	4.659	VV	510343	5177435	39.41%	1.612%
33	4.675	4.659	4.703	VV	5856	91443	0.70%	0.028%
34	4.723	4.703	4.894	VV	6905	169832	1.29%	0.053%
35	4.900	4.894	5.047	VV	549	34885	0.27%	0.011%
36	5.071	5.047	5.121	VV	361	12958	0.10%	0.004%

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37	5.127	5.121	5.144	VV	313	3395	0.03%	0.001%
38	5.151	5.144	5.168	VV	286	3121	0.02%	0.001%
39	5.182	5.168	5.208	VV	238	4573	0.03%	0.001%
40	5.229	5.208	5.281	VV	326	10095	0.08%	0.003%
41	5.295	5.281	5.321	VV	239	4258	0.03%	0.001%
42	5.333	5.321	5.369	VV	174	3290	0.03%	0.001%
43	5.389	5.369	5.411	VV	130	2625	0.02%	0.001%
44	5.419	5.411	5.511	VV	144	6735	0.05%	0.002%
45	5.548	5.511	5.676	VV	712	17954	0.14%	0.006%
46	5.701	5.676	5.794	VV	1517	26832	0.20%	0.008%
47	5.817	5.794	5.832	VV	192	2619	0.02%	0.001%
48	5.868	5.832	5.874	VV	159	2814	0.02%	0.001%
49	5.900	5.874	5.943	VV	1380	18219	0.14%	0.006%
50	5.964	5.943	6.006	VV	865	11866	0.09%	0.004%
51	6.013	6.006	6.034	VV	190	1566	0.01%	0.000%
52	6.064	6.034	6.097	VV	573	7450	0.06%	0.002%
53	6.108	6.097	6.136	VV	173	1597	0.01%	0.000%
54	6.150	6.136	6.161	VV	99	490	0.00%	0.000%
55	6.176	6.161	6.246	PV	103	2543	0.02%	0.001%
56	6.277	6.246	6.421	PV	504113	5599361	42.62%	1.744%
57	6.439	6.421	6.473	VV	2128	54195	0.41%	0.017%
58	6.491	6.473	6.575	VV	1944	71274	0.54%	0.022%
59	6.603	6.575	6.671	VV	906	42367	0.32%	0.013%
60	6.677	6.671	6.688	VV	532	5169	0.04%	0.002%
61	6.733	6.688	6.870	VV	500490	5003104	38.08%	1.558%
62	6.884	6.870	6.950	VV	638	18028	0.14%	0.006%
63	6.963	6.950	6.974	VV	283	3271	0.02%	0.001%
64	7.024	6.974	7.048	VV	313	8342	0.06%	0.003%
65	7.061	7.048	7.091	VV	151	3509	0.03%	0.001%
66	7.099	7.091	7.128	VV	169	1762	0.01%	0.001%
67	7.135	7.128	7.148	VV	55	470	0.00%	0.000%
68	7.155	7.148	7.168	VV	73	727	0.01%	0.000%
69	7.191	7.168	7.234	VV	243	3776	0.03%	0.001%
70	7.284	7.234	7.340	PV	10397	149944	1.14%	0.047%
71	7.376	7.340	7.504	VV	459090	5338315	40.63%	1.663%
72	7.520	7.504	7.557	VV	2883	70365	0.54%	0.022%
73	7.582	7.557	7.641	VV	2864	99041	0.75%	0.031%
74	7.656	7.641	7.668	VV	1650	23118	0.18%	0.007%
75	7.681	7.668	7.710	VV	1961	29886	0.23%	0.009%
76	7.743	7.710	7.755	VV	678	16059	0.12%	0.005%
77	7.770	7.755	7.838	VV	681	17627	0.13%	0.005%
78	7.859	7.838	7.891	VV	821	13036	0.10%	0.004%
79	7.899	7.891	7.944	VV	246	4385	0.03%	0.001%
80	8.255	8.238	8.279	VV	1041	18011	0.14%	0.006%
81	8.313	8.279	8.344	VV	839	19057	0.15%	0.006%
82	8.384	8.344	8.448	VV	281	11561	0.09%	0.004%
83	8.473	8.448	8.524	VV	390	8197	0.06%	0.003%
84	8.568	8.524	8.650	PV	531458	5549770	42.24%	1.728%
85	8.682	8.650	8.856	VV	612220	6459501	49.17%	2.012%
86	8.982	8.954	9.078	VV	622339	6728541	51.22%	2.096%
87	9.091	9.078	9.148	VV	5195	171844	1.31%	0.054%
88	9.186	9.148	9.211	VV	3376	114550	0.87%	0.036%
89	9.229	9.211	9.241	VV	2841	50115	0.38%	0.016%

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90	9.258	9.241	9.272	VV	2973	50839	0.39%	0.016%
91	9.318	9.272	9.358	VV	4193	162639	1.24%	0.051%
92	9.395	9.358	9.427	VV	3833	123406	0.94%	0.038%
93	9.440	9.427	9.454	VV	3170	48779	0.37%	0.015%
94	9.479	9.454	9.507	VV	3556	100965	0.77%	0.031%
95	9.530	9.507	9.564	VV	3493	105410	0.80%	0.033%
96	9.602	9.564	9.616	VV	4194	107236	0.82%	0.033%
97	9.633	9.616	9.662	VV	4375	108235	0.82%	0.034%
98	9.686	9.662	9.714	VV	4656	129144	0.98%	0.040%
99	9.775	9.714	9.942	VV	589815	7390342	56.25%	2.302%
100	9.959	9.942	9.973	VV	7890	145571	1.11%	0.045%
101	9.995	9.973	10.041	VV	13546	408311	3.11%	0.127%
102	10.065	10.041	10.116	VV	25247	684338	5.21%	0.213%
103	10.131	10.116	10.151	VV	11891	238267	1.81%	0.074%
104	10.178	10.151	10.243	VV	552866	6426973	48.92%	2.002%
105	10.274	10.243	10.313	VV	11159	438074	3.33%	0.136%
106	10.360	10.313	10.387	VV	11561	473514	3.60%	0.147%
107	10.411	10.387	10.431	VV	12502	309227	2.35%	0.096%
108	10.451	10.431	10.467	VV	12586	258123	1.96%	0.080%
109	10.499	10.467	10.512	VV	12758	328091	2.50%	0.102%
110	10.531	10.512	10.547	VV	15795	300119	2.28%	0.093%
111	10.570	10.547	10.592	VV	16625	396913	3.02%	0.124%
112	10.634	10.592	10.645	VV	15286	456763	3.48%	0.142%
113	10.663	10.645	10.684	VV	15305	351585	2.68%	0.109%
114	10.717	10.684	10.741	VV	17214	527556	4.02%	0.164%
115	10.783	10.741	10.794	VV	15559	473006	3.60%	0.147%
116	10.829	10.794	10.868	VV	17390	722898	5.50%	0.225%
117	10.918	10.868	10.934	VV	18463	674861	5.14%	0.210%
118	10.996	10.934	11.019	VV	23043	1006425	7.66%	0.313%
119	11.027	11.019	11.097	VV	20230	853687	6.50%	0.266%
120	11.122	11.097	11.138	VV	19803	452061	3.44%	0.141%
121	11.188	11.138	11.231	VV	594543	7493055	57.04%	2.334%
122	11.264	11.231	11.374	VV	546102	8360805	63.64%	2.604%
123	11.425	11.374	11.442	VV	26413	1013042	7.71%	0.316%
124	11.450	11.442	11.489	VV	23892	645508	4.91%	0.201%
125	11.503	11.489	11.539	VV	22334	656077	4.99%	0.204%
126	11.562	11.539	11.572	VV	22798	444209	3.38%	0.138%
127	11.626	11.572	11.688	VV	554086	7464147	56.82%	2.325%
128	11.714	11.688	11.734	VV	26873	662512	5.04%	0.206%
129	11.745	11.734	11.767	VV	23428	428365	3.26%	0.133%
130	11.785	11.767	11.801	VV	21183	428888	3.26%	0.134%
131	11.823	11.801	11.834	VV	21599	407904	3.10%	0.127%
132	11.869	11.834	11.892	VV	21898	720912	5.49%	0.225%
133	11.949	11.892	12.011	VV	530009	7062026	53.76%	2.199%
134	12.025	12.011	12.034	VV	22918	308990	2.35%	0.096%
135	12.051	12.034	12.073	VV	23502	534276	4.07%	0.166%
136	12.090	12.073	12.104	VV	23077	430991	3.28%	0.134%
137	12.118	12.104	12.161	VV	23955	789757	6.01%	0.246%
138	12.179	12.161	12.227	VV	23064	874666	6.66%	0.272%
139	12.239	12.227	12.252	VV	21924	311474	2.37%	0.097%
140	12.273	12.252	12.331	VV	23047	1046093	7.96%	0.326%
141	12.339	12.331	12.348	VV	21186	213688	1.63%	0.067%

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142	12.396	12.348	12.413	VV	22189	848929	6.46%	0.264%
143	12.427	12.413	12.444	VV	22508	398981	3.04%	0.124%
144	12.454	12.444	12.468	VV	20672	295192	2.25%	0.092%
145	12.498	12.468	12.536	VV	22303	861314	6.56%	0.268%
146	12.557	12.536	12.600	VV	35522	998983	7.60%	0.311%
147	12.610	12.600	12.619	VV	22773	254692	1.94%	0.079%
148	12.626	12.619	12.645	VV	22386	346672	2.64%	0.108%
149	12.662	12.645	12.690	VV	22240	577958	4.40%	0.180%
150	12.701	12.690	12.744	VV	22113	695516	5.29%	0.217%
151	12.761	12.744	12.784	VV	22688	527216	4.01%	0.164%
152	12.795	12.784	12.811	VV	22195	347793	2.65%	0.108%
153	12.823	12.811	12.841	VV	21537	377971	2.88%	0.118%
154	12.861	12.841	12.870	VV	22574	387759	2.95%	0.121%
155	12.879	12.870	12.898	VV	22481	358352	2.73%	0.112%
156	12.939	12.898	12.979	VV	536092	7005750	53.33%	2.182%
157	13.017	12.979	13.136	VV	592913	8667331	65.97%	2.699%
158	13.145	13.136	13.171	VV	23089	474676	3.61%	0.148%
159	13.206	13.171	13.244	VV	28672	1074672	8.18%	0.335%
160	13.261	13.244	13.280	VV	24017	491516	3.74%	0.153%
161	13.316	13.280	13.357	VV	576049	7547479	57.45%	2.351%
162	13.385	13.357	13.414	VV	336537	4575534	34.83%	1.425%
163	13.430	13.414	13.467	VV	28915	851447	6.48%	0.265%
164	13.485	13.467	13.506	VV	26613	604343	4.60%	0.188%
165	13.553	13.506	13.588	VV	519368	7028334	53.50%	2.189%
166	13.620	13.588	13.637	VV	25965	753083	5.73%	0.235%
167	13.653	13.637	13.702	VV	25541	961733	7.32%	0.300%
168	13.718	13.702	13.748	VV	25723	667745	5.08%	0.208%
169	13.783	13.748	13.848	VV	28659	1540094	11.72%	0.480%
170	13.870	13.848	13.881	VV	24648	490959	3.74%	0.153%
171	13.897	13.881	13.912	VV	24734	437116	3.33%	0.136%
172	13.930	13.912	13.947	VV	25490	518974	3.95%	0.162%
173	13.976	13.947	14.026	VV	27342	1158085	8.82%	0.361%
174	14.049	14.026	14.084	VV	25012	818233	6.23%	0.255%
175	14.099	14.084	14.106	VV	23022	295478	2.25%	0.092%
176	14.140	14.106	14.174	VV	500876	6651212	50.63%	2.071%
177	14.189	14.174	14.210	VV	23146	484740	3.69%	0.151%
178	14.224	14.210	14.258	VV	21791	609566	4.64%	0.190%
179	14.266	14.258	14.271	VV	21823	175615	1.34%	0.055%
180	14.278	14.271	14.305	VV	21729	414009	3.15%	0.129%
181	14.362	14.305	14.398	VV	22532	1136254	8.65%	0.354%
182	14.404	14.398	14.419	VV	18826	241416	1.84%	0.075%
183	14.437	14.419	14.488	VV	19514	739176	5.63%	0.230%
184	14.531	14.488	14.597	VV	19750	1108106	8.43%	0.345%
185	14.608	14.597	14.648	VV	16237	468869	3.57%	0.146%
186	14.661	14.648	14.681	VV	14605	280957	2.14%	0.088%
187	14.700	14.681	14.747	VV	15609	545277	4.15%	0.170%
188	14.767	14.747	14.785	VV	14471	311439	2.37%	0.097%
189	14.798	14.785	14.811	VV	13801	209239	1.59%	0.065%
190	14.821	14.811	14.875	VV	13391	475702	3.62%	0.148%
191	14.900	14.875	14.978	VV	12700	673833	5.13%	0.210%
192	14.989	14.978	15.051	VV	10821	430973	3.28%	0.134%
193	15.091	15.051	15.118	VV	9337	343862	2.62%	0.107%
194	15.141	15.118	15.167	VV	8033	226223	1.72%	0.070%

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195	15.204	15.167	15.222	VV	510129	6219900	47.35%	1.937%
196	15.246	15.222	15.418	VV	973019	13137350	100.00%	4.091%
197	15.433	15.418	15.471	VV	6251	181604	1.38%	0.057%
198	15.485	15.471	15.553	VV	5301	218340	1.66%	0.068%
199	15.571	15.553	15.594	VV	4388	97780	0.74%	0.030%
200	15.627	15.594	15.701	VV	21542	479329	3.65%	0.149%
201	15.712	15.701	15.732	VV	2994	52627	0.40%	0.016%
202	15.763	15.732	15.810	VV	6188	167347	1.27%	0.052%
203	15.836	15.810	15.874	VV	5103	111269	0.85%	0.035%
204	15.892	15.874	15.973	VV	1893	87039	0.66%	0.027%
205	15.984	15.973	16.014	VV	1145	25092	0.19%	0.008%
206	16.034	16.014	16.045	VV	1337	22272	0.17%	0.007%
207	16.052	16.045	16.061	VV	1252	10814	0.08%	0.003%
208	16.074	16.061	16.111	VV	1440	34863	0.27%	0.011%
209	16.145	16.111	16.174	VV	1380	38429	0.29%	0.012%
210	16.183	16.174	16.197	VV	604	7323	0.06%	0.002%
211	16.270	16.197	16.316	VV	435264	5618282	42.77%	1.750%
212	16.335	16.316	16.388	VV	1417	31963	0.24%	0.010%
213	16.403	16.388	16.425	VV	288	4428	0.03%	0.001%
214	16.465	16.425	16.524	PV	2209	50635	0.39%	0.016%
215	16.576	16.524	16.616	PV	1165	29046	0.22%	0.009%
216	16.641	16.616	16.674	VV	4145	63547	0.48%	0.020%
217	16.695	16.674	16.715	VV	1500	21760	0.17%	0.007%
218	16.773	16.715	16.787	VV	459045	6171686	46.98%	1.922%
219	16.804	16.787	16.884	VV	495567	6548706	49.85%	2.040%
220	16.897	16.884	16.998	VV	3304	129704	0.99%	0.040%
221	17.040	16.998	17.078	VV	3099	69081	0.53%	0.022%
222	17.098	17.078	17.119	VV	6087	75286	0.57%	0.023%
223	17.156	17.119	17.190	VV	455245	5960105	45.37%	1.856%
224	17.220	17.190	17.252	VV	425166	5746391	43.74%	1.790%
225	17.264	17.252	17.280	VV	6947	99457	0.76%	0.031%
226	17.298	17.280	17.330	VV	8908	142941	1.09%	0.045%
227	17.342	17.330	17.364	VV	939	13158	0.10%	0.004%
228	17.374	17.364	17.382	VV	343	2783	0.02%	0.001%
229	17.403	17.382	17.423	VV	1144	15836	0.12%	0.005%
230	17.466	17.423	17.487	VV	1209	27331	0.21%	0.009%
231	17.584	17.487	17.628	PV	15928	315588	2.40%	0.098%
232	17.636	17.628	17.643	VV	2064	18794	0.14%	0.006%
233	17.669	17.643	17.725	VV	14319	230051	1.75%	0.072%
234	17.746	17.725	17.768	VV	2066	34203	0.26%	0.011%
235	17.786	17.768	17.809	VV	1422	25801	0.20%	0.008%
236	17.843	17.809	17.865	VV	1630	33839	0.26%	0.011%
237	17.878	17.865	17.924	VV	942	18310	0.14%	0.006%
238	18.003	17.924	18.031	PV	2113	62410	0.48%	0.019%
239	18.036	18.031	18.043	VV	1056	8458	0.06%	0.003%
240	18.111	18.043	18.162	VV	397755	5455774	41.53%	1.699%
241	18.201	18.162	18.219	VV	4233	80848	0.62%	0.025%
242	18.256	18.219	18.298	VV	3401	121307	0.92%	0.038%
243	18.309	18.298	18.320	VV	2433	29679	0.23%	0.009%
244	18.344	18.320	18.374	VV	3056	72072	0.55%	0.022%
245	18.469	18.374	18.489	VV	13950	362891	2.76%	0.113%
246	18.540	18.489	18.554	VV	455565	6466960	49.23%	2.014%

rteres								
247	18.571	18.554	18.691	VV	467819	7215581	54.92%	2.247%
248	18.701	18.691	18.725	VV	6508	116914	0.89%	0.036%
249	18.740	18.725	18.754	VV	4790	76458	0.58%	0.024%
250	18.796	18.754	18.900	VV	457442	6974728	53.09%	2.172%
251	18.944	18.900	18.992	VV	393612	5689367	43.31%	1.772%
252	19.000	18.992	19.008	VV	5351	53535	0.41%	0.017%
253	19.048	19.008	19.080	VV	11565	352088	2.68%	0.110%
254	19.098	19.080	19.123	VV	8879	197302	1.50%	0.061%
255	19.140	19.123	19.164	VV	7437	162386	1.24%	0.051%
256	19.300	19.164	19.321	VV	23231	890683	6.78%	0.277%
257	19.339	19.321	19.398	VV	18850	535323	4.07%	0.167%
258	19.422	19.398	19.431	VV	10435	189980	1.45%	0.059%
259	19.437	19.431	19.453	VV	10181	122628	0.93%	0.038%
260	19.477	19.453	19.518	VV	12593	392402	2.99%	0.122%
261	19.580	19.518	19.624	VV	11198	600356	4.57%	0.187%
262	19.645	19.624	19.658	VV	9200	181474	1.38%	0.057%
263	19.729	19.658	19.774	VV	374259	5843292	44.48%	1.820%
264	19.800	19.774	19.887	VV	19499	1051187	8.00%	0.327%
265	19.911	19.887	19.938	VV	13546	377150	2.87%	0.117%
266	19.952	19.938	19.961	VV	13469	180699	1.38%	0.056%
267	20.015	19.961	20.037	VV	15437	656867	5.00%	0.205%
268	20.103	20.037	20.124	VV	21091	949870	7.23%	0.296%
269	20.148	20.124	20.161	VV	17019	369314	2.81%	0.115%
270	20.202	20.161	20.211	VV	17451	504990	3.84%	0.157%
271	20.248	20.211	20.257	VV	18615	491252	3.74%	0.153%
272	20.290	20.257	20.301	VV	19565	498012	3.79%	0.155%
273	20.361	20.301	20.399	VV	24361	1260624	9.60%	0.393%
274	20.471	20.399	20.524	VV	362704	6708116	51.06%	2.089%
275	20.541	20.524	20.556	VV	25276	465879	3.55%	0.145%
276	20.615	20.556	20.660	VV	28071	1612395	12.27%	0.502%
277	20.688	20.660	20.698	VV	26382	586768	4.47%	0.183%
278	20.825	20.698	20.846	VV	28390	2327957	17.72%	0.725%
279	20.885	20.846	20.914	VV	26592	1060049	8.07%	0.330%
280	20.967	20.914	20.990	VV	26232	1178130	8.97%	0.367%
281	21.038	20.990	21.068	VV	25685	1162812	8.85%	0.362%
282	21.079	21.068	21.112	VV	24546	642587	4.89%	0.200%
283	21.127	21.112	21.169	VV	24169	799946	6.09%	0.249%
284	21.220	21.169	21.299	VV	313827	6741199	51.31%	2.099%
285	21.327	21.299	21.353	VV	20875	665684	5.07%	0.207%
286	21.367	21.353	21.410	VV	20521	670512	5.10%	0.209%
287	21.422	21.410	21.452	VV	20221	491091	3.74%	0.153%
288	21.466	21.452	21.621	VV	19622	1657890	12.62%	0.516%
289	21.656	21.621	21.710	VV	14592	734755	5.59%	0.229%
290	21.740	21.710	21.851	VV	14073	1021076	7.77%	0.318%
291	21.861	21.851	21.873	VV	10105	131668	1.00%	0.041%
292	21.927	21.873	21.958	VV	10537	506239	3.85%	0.158%
293	21.965	21.958	22.041	VV	9407	405129	3.08%	0.126%
294	22.051	22.041	22.085	VV	7241	185475	1.41%	0.058%
295	22.152	22.085	22.244	VV	226996	5736045	43.66%	1.786%
296	22.255	22.244	22.264	VV	3861	44440	0.34%	0.014%
297	22.299	22.264	22.317	VV	3839	119018	0.91%	0.037%
298	22.328	22.317	22.344	VV	3868	57503	0.44%	0.018%
299	22.355	22.344	22.436	VV	3310	101802	0.77%	0.032%

300 22.459 22.436 22.468 PV rteres
524 6883 0.05% 0.002%

Sum of corrected areas: 321089760

Aliphatic EPH 103025.M Wed Nov 19 04:15:20 2025