

Instrument :
FID_E
ClientSampleId :
SU-04-081125-E2

rteres

Area Percent

Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Da
Data File : FE055262.D
Signal(s) : FID1B.ch
Acq On : 12 Aug 2025 17:58
Sample : Q2823-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH
080125.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	2.834	2.805	2.887	BV	512	8876	0.13%	0.006%
2	2.901	2.887	2.938	VV	227	3482	0.05%	0.002%
3	2.949	2.938	2.981	PV	128	2297	0.03%	0.002%
4	3.055	2.981	3.097	VV	582	14071	0.20%	0.009%
5	3.109	3.097	3.136	VV	224	3826	0.05%	0.003%
6	3.149	3.136	3.181	VV	272	4836	0.07%	0.003%
7	3.190	3.181	3.220	VV	161	2381	0.03%	0.002%
8	3.261	3.220	3.271	VV	485	6621	0.09%	0.004%
9	3.280	3.271	3.358	VV	417	13133	0.19%	0.009%
10	3.368	3.358	3.378	VV	181	1821	0.03%	0.001%
11	3.419	3.378	3.448	VV	494	10520	0.15%	0.007%
12	3.454	3.448	3.486	VV	271	4354	0.06%	0.003%
13	3.498	3.486	3.514	VV	178	2388	0.03%	0.002%
14	3.540	3.514	3.555	VV	322	5295	0.08%	0.003%
15	3.564	3.555	3.591	VV	274	4865	0.07%	0.003%
16	3.680	3.591	3.693	VV	253	12604	0.18%	0.008%
17	3.708	3.693	3.731	VV	288	4995	0.07%	0.003%
18	3.739	3.731	3.765	VV	337	5112	0.07%	0.003%
19	3.772	3.765	3.801	VV	308	5089	0.07%	0.003%
20	3.817	3.801	3.834	VV	215	4333	0.06%	0.003%
21	3.892	3.834	3.931	VV	2174	32447	0.46%	0.021%
22	3.946	3.931	3.980	VV	217	5776	0.08%	0.004%
23	4.008	3.980	4.048	VV	1733	23054	0.33%	0.015%
24	4.067	4.048	4.088	VV	315	6097	0.09%	0.004%
25	4.116	4.088	4.181	VV	364	15522	0.22%	0.010%

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26	4.213	4.181	4.241	VV	597
27	4.247	4.241	4.256	VV	299
28	4.272	4.256	4.358	VV	560
29	4.444	4.358	4.530	VV	780
30	4.577	4.530	4.591	VV	267
31	4.609	4.591	4.655	VV	299
32	4.679	4.655	4.701	VV	550
33	4.721	4.701	4.778	VV	413
34	4.794	4.778	4.821	VV	299
35	4.844	4.821	4.883	VV	405
36	4.916	4.883	5.032	VV	1274
37	5.053	5.032	5.084	VV	367
38	5.097	5.084	5.118	VV	344
39	5.136	5.118	5.158	VV	400
40	5.194	5.158	5.285	VV	355
41	5.394	5.285	5.428	VV	441
42	5.442	5.428	5.458	VV	287
43	5.501	5.458	5.548	VV	410
44	5.569	5.548	5.604	VV	281
45	5.625	5.604	5.682	VV	1855
46	5.700	5.682	5.718	VV	283
47	5.763	5.718	5.791	VV	189
48	5.857	5.791	5.914	VV	755
49	5.935	5.914	5.974	VV	290
50	6.017	5.974	6.058	PV	430
51	6.141	6.058	6.281	VV	942
52	6.305	6.281	6.325	VV	246
53	6.403	6.325	6.487	VV	7541
54	6.504	6.487	6.524	VV	272
55	6.554	6.524	6.578	VV	397
56	6.634	6.578	6.664	VV	392
57	6.693	6.664	6.758	VV	1351
58	6.789	6.758	6.841	VV	574
59	6.860	6.841	6.901	VV	546
60	6.933	6.901	6.961	VV	807
61	7.009	6.961	7.041	VV	415
62	7.061	7.041	7.100	VV	384
63	7.146	7.100	7.168	PV	506
64	7.189	7.168	7.233	VV	588
65	7.272	7.233	7.320	VV	1411
66	7.343	7.320	7.365	VV	1433
67	7.402	7.365	7.421	VV	990
68	7.437	7.421	7.474	VV	907
69	7.503	7.474	7.567	VV	13070

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13258 0.19% 0.009%

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9801 0.14% 0.006%

10519 0.15% 0.007%

13766 0.20% 0.009%

6445 0.09% 0.004%

10202 0.15% 0.007%

43056 0.62% 0.028%

9912 0.14% 0.007%

5912 0.08% 0.004%

7209 0.10% 0.005%

18376 0.26% 0.012%

18414 0.26% 0.012%

4384 0.06% 0.003%

11949 0.17% 0.008%

6344 0.09% 0.004%

23307 0.33% 0.015%

3596 0.05% 0.002%

4261 0.06% 0.003%

24815 0.35% 0.016%

5092 0.07% 0.003%

9517 0.14% 0.006%

46335 0.66% 0.031%

4582 0.07% 0.003%

100171 1.43% 0.066%

5226 0.07% 0.003%

9688 0.14% 0.006%

14373 0.21% 0.009%

24884 0.36% 0.016%

18039 0.26% 0.012%

12798 0.18% 0.008%

13600 0.19% 0.009%

11930 0.17% 0.008%

6482 0.09% 0.004%

6307 0.09% 0.004%

11548 0.16% 0.008%

25767 0.37% 0.017%

19573 0.28% 0.013%

22294 0.32% 0.015%

18068 0.26% 0.012%

155391 2.22% 0.102%

70	7.593	7.567	7.615	VV	943	19945	0.28%	0.013%
71	7.642	7.615	7.754	VV	15376			
72	7.795	7.754	7.837	VV	1594			
73	7.856	7.837	7.924	VV	623			
74	7.945	7.924	7.968	VV	140			
75	7.990	7.968	8.024	VV	1046	20267	0.29%	0.013%
76	8.040	8.024	8.068	VV	558	7650	0.11%	0.005%
77	8.245	8.198	8.318	VV	3805	89988	1.29%	0.059%
78	8.342	8.318	8.364	VV	838	15769	0.23%	0.010%
79	8.409	8.364	8.468	VV	3017	91572	1.31%	0.060%
80	8.510	8.468	8.563	VV	7508	188779	2.70%	0.124%
81	8.625	8.563	8.756	VV	19389	475042	6.79%	0.313%
82	8.813	8.756	8.880	VV	13800	334070	4.77%	0.220%
83	8.905	8.880	8.968	VV	5448	99371	1.42%	0.065%
84	9.114	9.088	9.138	VV	19081	214716	3.07%	0.142%
85	9.158	9.138	9.198	VV	4831	88579	1.27%	0.058%
86	9.231	9.198	9.262	VV	3665	73371	1.05%	0.048%
87	9.277	9.262	9.295	VV	1437	18813	0.27%	0.012%
88	9.354	9.295	9.370	VV	8159	128557	1.84%	0.085%
89	9.389	9.370	9.452	VV	16626	235546	3.36%	0.155%
90	9.479	9.452	9.498	VV	3540	60893	0.87%	0.040%
91	9.526	9.498	9.547	VV	9709	120618	1.72%	0.079%
92	9.568	9.547	9.611	VV	10503	143138	2.04%	0.094%
93	9.627	9.611	9.654	VV	1453	23497	0.34%	0.015%
94	9.685	9.654	9.702	VV	9429	111501	1.59%	0.073%
95	9.717	9.702	9.751	VV	7280	87783	1.25%	0.058%
96	9.822	9.751	9.844	VV	9042	185882	2.66%	0.123%
97	9.907	9.844	9.955	VV	44224	594942	8.50%	0.392%
98	9.988	9.955	10.037	VV	9310	205846	2.94%	0.136%
99	10.058	10.037	10.100	VV	8926	191802	2.74%	0.126%
100	10.117	10.100	10.153	VV	6422	120328	1.72%	0.079%
101	10.183	10.153	10.208	VV	29334	339922	4.86%	0.224%
102	10.230	10.208	10.258	VV	10516	160576	2.29%	0.106%
103	10.277	10.258	10.294	VV	3635	67003	0.96%	0.044%
104	10.332	10.294	10.374	VV	11602	237276	3.39%	0.156%
105	10.395	10.374	10.411	VV	2763	39413	0.56%	0.026%
106	10.428	10.411	10.465	VV	1919	36279	0.52%	0.024%
107	10.495	10.465	10.571	VV	3561	74420	1.06%	0.049%
108	10.597	10.571	10.635	PV	1310	31262	0.45%	0.021%
109	10.658	10.635	10.688	VV	5710	92087	1.32%	0.061%
110	10.704	10.688	10.729	VV	3266	54004	0.77%	0.036%
111	10.795	10.729	10.817	VV	17567	331074	4.73%	0.218%
112	10.837	10.817	10.875	VV	14123	183894	2.63%	0.121%

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					rters			
113	10.915	10.875	10.949	VV	12362			
114	10.972	10.949	11.028	VV	6953			
115	11.052	11.028	11.067	VV	6970			
116	11.123	11.067	11.158	VV	20679			
117	11.216	11.158	11.238	VV	3986			
118	11.323	11.238	11.367	VV	194724			
119	11.397	11.367	11.552	VV	59593			
120	11.612	11.552	11.652	VV	9888			
121	11.680	11.652	11.701	PV	4276			
122	11.720	11.701	11.737	VV	4898			
123	11.757	11.737	11.780	VV	6157			
124	11.851	11.780	11.890	VV	17607			
125	11.919	11.890	11.941	VV	4815			
126	11.978	11.941	12.041	PV	10236			
127	12.089	12.041	12.114	VV	531140			
128	12.161	12.114	12.202	VV	46102			
129	12.246	12.202	12.264	VV	39724			
130	12.311	12.264	12.361	VV	34789			
131	12.382	12.361	12.399	PV	2103			
132	12.430	12.399	12.457	VV	6303			
133	12.490	12.457	12.510	VV	6449			
134	12.532	12.510	12.574	VV	4910			
135	12.600	12.574	12.647	VV	16164			
136	12.678	12.647	12.724	VV	29759			
137	12.748	12.724	12.765	VV	3390			
138	12.814	12.765	12.841	VV	4329			
139	12.878	12.841	12.904	VV	5837			
140	12.925	12.904	12.964	VV	11926			
141	13.035	12.964	13.054	PV	32417			
142	13.073	13.054	13.118	VV	19334			
143	13.154	13.118	13.196	VV	200663			
144	13.213	13.196	13.230	VV	1697			
145	13.296	13.230	13.324	PV	7566			
146	13.343	13.324	13.423	VV	11590			
147	13.455	13.423	13.491	VV	175953			
148	13.526	13.491	13.603	VV	384590			
149	13.627	13.603	13.673	VV	7366			
150	13.722	13.673	13.764	VV	10732			
151	13.787	13.764	13.818	VV	9464			
152	13.915	13.818	13.982	VV	18079			
153	14.045	13.982	14.081	VV	46928			
154	14.109	14.081	14.128	VV	4711			
155	14.152	14.128	14.175	VV	33200			

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						rteres		
156	14.194	14.175	14.254	VV	22112			
157	14.324	14.254	14.346	VV	21156			
158	14.365	14.346	14.408	VV	19122			
159	14.432	14.408	14.458	VV	2736			
160	14.508	14.458	14.612	PV	2186			
161	14.674	14.612	14.694	VV	1672	49928	0.71%	0.033%
162	14.750	14.694	14.768	VV	9280	196535	2.81%	0.130%
163	14.782	14.768	14.819	VV	8276	136202	1.95%	0.090%
164	14.846	14.819	14.868	VV	11022	181504	2.59%	0.120%
165	14.887	14.868	14.934	VV	7996	184686	2.64%	0.122%
166	14.965	14.934	15.004	VV	15056	274269	3.92%	0.181%
167	15.027	15.004	15.051	VV	24047	330609	4.72%	0.218%
168	15.071	15.051	15.124	VV	7403	195619	2.79%	0.129%
169	15.150	15.124	15.174	VV	3756	63699	0.91%	0.042%
170	15.212	15.174	15.261	VV	6115	149919	2.14%	0.099%
171	15.340	15.261	15.361	PV	82326	1136542	16.23%	0.749%
172	15.382	15.361	15.455	VV	87548	1112170	15.89%	0.733%
173	15.502	15.455	15.559	VV	19648	429813	6.14%	0.283%
174	15.578	15.559	15.611	VV	6551	105251	1.50%	0.069%
175	15.646	15.611	15.671	PV	7918	149240	2.13%	0.098%
176	15.694	15.671	15.740	VV	6998	164950	2.36%	0.109%
177	15.772	15.740	15.871	VV	20376	444182	6.34%	0.293%
178	15.911	15.871	15.951	PV	10302	226334	3.23%	0.149%
179	16.016	15.951	16.038	VV	25238	433319	6.19%	0.286%
180	16.054	16.038	16.080	VV	12382	163900	2.34%	0.108%
181	16.102	16.080	16.118	VV	6584	87503	1.25%	0.058%
182	16.179	16.118	16.218	VV	16716	456045	6.51%	0.301%
183	16.253	16.218	16.275	VV	5210	94317	1.35%	0.062%
184	16.341	16.275	16.361	VV	3939	115504	1.65%	0.076%
185	16.410	16.361	16.505	VV	11394	313077	4.47%	0.206%
186	16.545	16.505	16.568	VV	1306	35422	0.51%	0.023%
187	16.616	16.568	16.671	PV	5158	150382	2.15%	0.099%
188	16.721	16.671	16.748	VV	6876	187263	2.67%	0.123%
189	16.789	16.748	16.808	VV	11404	215198	3.07%	0.142%
190	16.823	16.808	16.861	VV	8864	146123	2.09%	0.096%
191	16.908	16.861	16.965	PV	77571	1623836	23.20%	1.070%
192	16.985	16.965	17.008	VV	5334	90031	1.29%	0.059%
193	17.038	17.008	17.068	VV	18527	287834	4.11%	0.190%
194	17.088	17.068	17.108	VV	3763	82004	1.17%	0.054%
195	17.129	17.108	17.145	VV	4312	59792	0.85%	0.039%
196	17.232	17.145	17.255	VV	47215	920740	13.15%	0.607%
197	17.289	17.255	17.325	VV	67902	1034824	14.78%	0.682%
198	17.391	17.325	17.423	VV	27078	649627	9.28%	0.428%
199	17.440	17.423	17.468	VV	8779	145995	2.09%	0.096%

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402601 5.75% 0.265%

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200	17.545	17.468	17.573	VV	9349
201	17.653	17.573	17.678	VV	15142
202	17.700	17.678	17.768	VV	13962
203	17.814	17.768	17.844	VV	27541
204	17.876	17.844	17.891	VV	11133
205	17.907	17.891	17.928	VV	8247
206	17.952	17.928	17.978	VV	17500
207	18.002	17.978	18.025	VV	7660
208	18.072	18.025	18.118	VV	4863
209	18.168	18.118	18.196	VV	9944
210	18.255	18.196	18.304	VV	26805
211	18.346	18.304	18.371	VV	13485
212	18.424	18.371	18.495	VV	28686
213	18.513	18.495	18.548	VV	14703
214	18.618	18.548	18.639	VV	26279
215	18.671	18.639	18.731	VV	62162
216	18.794	18.731	18.888	VV	42458
217	18.924	18.888	18.975	VV	52525
218	19.007	18.975	19.031	VV	21354
219	19.088	19.031	19.146	VV	44387
220	19.217	19.146	19.245	VV	36372
221	19.262	19.245	19.325	VV	34092
222	19.361	19.325	19.381	VV	30788
223	19.397	19.381	19.414	VV	28164
224	19.489	19.414	19.528	VV	50331
225	19.546	19.528	19.578	VV	39076
226	19.612	19.578	19.668	VV	40666
227	19.725	19.668	19.761	VV	40295
228	19.786	19.761	19.835	VV	39199
229	19.878	19.835	19.898	VV	55295
230	19.927	19.898	19.975	VV	52873
231	20.017	19.975	20.042	VV	56173
232	20.085	20.042	20.111	VV	65606
233	20.157	20.111	20.206	VV	70057
234	20.252	20.206	20.338	VV	88695
235	20.364	20.338	20.384	VV	62848
236	20.464	20.384	20.490	VV	85854
237	20.550	20.490	20.591	VV	83318
238	20.618	20.591	20.658	VV	89244
239	20.709	20.658	20.758	VV	82944
240	20.785	20.758	20.831	VV	85844
241	20.850	20.831	20.871	VV	75906
242	20.890	20.871	20.931	VV	73799

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384408 5.49% 0.253%

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132688 2.781% 0.125%

138158 1.97% 0.091%

285093 4.07% 0.188%

143025 2.04% 0.094%

230231 3.29% 0.152%

303852 4.34% 0.200%

863492 12.33% 0.569%

386864 5.53% 0.255%

1236071 17.66% 0.815%

354050 5.06% 0.233%

1127073 16.10% 0.743%

1678260 23.97% 1.106%

2122369 30.32% 1.399%

1342636 19.18% 0.885%

649878 9.28% 0.428%

1919400 27.42% 1.265%

1609517 22.99% 1.061%

1286896 18.38% 0.848%

942670 13.47% 0.621%

565434 8.08% 0.373%

2562667 36.61% 1.689%

1038152 14.83% 0.684%

1962915 28.04% 1.294%

2075865 29.65% 1.368%

1663351 23.76% 1.096%

1750622 25.01% 1.154%

2268336 32.40% 1.495%

2105189 30.07% 1.388%

2289157 32.70% 1.509%

3508266 50.11% 2.312%

5364353 76.63% 3.536%

1654502 23.63% 1.090%

4441083 63.44% 2.927%

4628449 66.11% 3.051%

3099263 44.27% 2.043%

4690886 67.01% 3.092%

3436669 49.09% 2.265%

1732696 24.75% 1.142%

2560531 36.58% 1.688%

				rters				
243	20.991	20.931	21.095	VV	83965	7000708	100.00%	4.614%
244	21.132	21.095	21.198	VV	62917	3		
245	21.309	21.198	21.335	VV	59778	4		
246	21.357	21.335	21.376	VV	54294	1		
247	21.399	21.376	21.485	VV	58471	2		
248	21.541	21.485	21.575	VV	39623	2028028	28.97%	1.337%
249	21.603	21.575	21.699	VV	39544	2517440	35.96%	1.659%
250	21.716	21.699	21.748	VV	29440	806319	11.52%	0.531%
251	21.760	21.748	21.793	VV	31727	738220	10.54%	0.487%
252	21.862	21.793	21.898	VV	29621	1683519	24.05%	1.110%
253	21.939	21.898	22.095	VV	27239	2235321	31.93%	1.473%
254	22.131	22.095	22.237	VV	11097	557627	7.97%	0.368%
255	22.274	22.237	22.331	VV	6185	238606	3.41%	0.157%
256	22.355	22.331	22.381	VV	5259	74400	1.06%	0.049%
Sum of corrected areas:						151722207		

Instrument :
FID_E
ClientSampleId :
SU-04-081125-E2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Aliphatic EPH 080125.M Wed Aug 13 06:43:16 2025