

rteres

Instrument :

FID_E

ClientSampleId :

MH-S-EPH

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/02/2025

Supervised By :mohammad ahmed 05/05/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE05012
Data File : FE053611.D
Signal(s) : FID1B.ch
Acq On : 01 May 2025 17:18
Sample : Q1922-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.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	2.845	2.805	2.885	BV	54	1028	0.03%	0.008%
2	2.894	2.885	2.937	PV	116	1142	0.04%	0.009%
3	2.956	2.937	2.989	VV	131	2199	0.07%	0.017%
4	3.020	2.989	3.055	VV	183	3574	0.11%	0.028%
5	3.068	3.055	3.093	VV	185	2850	0.09%	0.022%
6	3.114	3.093	3.134	VV	132	2910	0.09%	0.023%
7	3.147	3.134	3.167	VV	159	2696	0.08%	0.021%
8	3.175	3.167	3.200	VV	190	2861	0.09%	0.022%
9	3.213	3.200	3.265	VV	334	6963	0.22%	0.055%
10	3.276	3.265	3.311	VV	159	3507	0.11%	0.028%
11	3.314	3.311	3.322	VV	173	799	0.02%	0.006%
12	3.338	3.322	3.378	VV	202	5326	0.17%	0.042%
13	3.405	3.378	3.431	VV	436	8072	0.25%	0.063%
14	3.441	3.431	3.449	VV	177	1798	0.06%	0.014%
15	3.465	3.449	3.512	VV	235	7519	0.23%	0.059%
16	3.533	3.512	3.559	VV	274	5603	0.17%	0.044%
17	3.567	3.559	3.588	VV	220	3018	0.09%	0.024%
18	3.604	3.588	3.648	VV	217	6947	0.22%	0.055%
19	3.699	3.648	3.792	VV	725	22862	0.71%	0.180%
20	3.819	3.792	3.873	VV	469	11886	0.37%	0.093%
21	3.901	3.873	3.933	VV	462	9230	0.29%	0.073%
22	3.941	3.933	3.996	VV	253	6876	0.21%	0.054%
23	4.009	3.996	4.025	VV	263	3347	0.10%	0.026%
24	4.062	4.025	4.107	VV	277	11562	0.36%	0.091%
25	4.124	4.107	4.131	VV	265	3378	0.10%	0.027%
26	4.137	4.131	4.170	VV	221	4847	0.15%	0.038%
27	4.210	4.170	4.265	VV	281	13127	0.41%	0.103%
28	4.272	4.265	4.285	VV	257	3133	0.10%	0.025%
29	4.295	4.285	4.315	VV	253	3908	0.12%	0.031%
30	4.339	4.315	4.397	VV	250	9855	0.31%	0.077%
31	4.405	4.397	4.458	VV	226	6604	0.20%	0.052%
32	4.475	4.458	4.491	VV	425	5711	0.18%	0.045%
33	4.504	4.491	4.518	VV	290	3625	0.11%	0.028%
34	4.538	4.518	4.601	VV	214	9263	0.29%	0.073%
35	4.651	4.601	4.685	VV	401	10790	0.33%	0.085%
36	4.695	4.685	4.735	VV	196	4414	0.14%	0.035%

					retention	Area	Area%	Area%
37	4.758	4.735	4.835	VV	220	8126	0.25%	0.064%
38	4.845	4.835	4.852	VV	156	1311		
39	4.859	4.852	4.875	VV	203	1900		
40	4.914	4.875	4.968	VV	206	9315		
41	4.977	4.968	5.011	VV	227	4012		
42	5.018	5.011	5.048	VV	158	2518		
43	5.065	5.048	5.095	VV	183	3882	0.12%	0.030%
44	5.136	5.095	5.168	VV	217	6247	0.19%	0.049%
45	5.176	5.168	5.218	VV	122	3375	0.10%	0.027%
46	5.232	5.218	5.265	VV	175	3148	0.10%	0.025%
47	5.271	5.265	5.285	VV	137	1001	0.03%	0.008%
48	5.350	5.285	5.361	VV	168	5381	0.17%	0.042%
49	5.370	5.361	5.406	VV	158	2921	0.09%	0.023%
50	5.431	5.406	5.605	VV	1054	33004	1.02%	0.259%
51	5.618	5.605	5.661	VV	237	4935	0.15%	0.039%
52	5.665	5.661	5.671	VV	114	611	0.02%	0.005%
53	5.718	5.671	5.731	VV	231	5918	0.18%	0.047%
54	5.743	5.731	5.861	VV	209	12000	0.37%	0.094%
55	5.867	5.861	5.911	VV	162	3133	0.10%	0.025%
56	5.933	5.911	5.984	VV	132	3835	0.12%	0.030%
57	5.996	5.984	6.022	VV	146	2080	0.06%	0.016%
58	6.037	6.022	6.115	VV	148	4813	0.15%	0.038%
59	6.136	6.115	6.173	VV	243	5165	0.16%	0.041%
60	6.198	6.173	6.251	VV	460	12525	0.39%	0.098%
61	6.261	6.251	6.324	VV	189	5058	0.16%	0.040%
62	6.367	6.324	6.481	VV	269	12263	0.38%	0.096%
63	6.499	6.481	6.635	VV	886	24881	0.77%	0.196%
64	6.654	6.635	6.713	VV	243	5464	0.17%	0.043%
65	6.772	6.713	6.785	VV	221	5269	0.16%	0.041%
66	6.789	6.785	6.795	VV	182	1024	0.03%	0.008%
67	6.809	6.795	6.835	VV	202	3636	0.11%	0.029%
68	6.841	6.835	6.919	VV	114	5742	0.18%	0.045%
69	6.933	6.919	6.999	VV	191	4168	0.13%	0.033%
70	7.013	6.999	7.029	PV	99	797	0.02%	0.006%
71	7.071	7.029	7.108	VV	229	5307	0.16%	0.042%
72	7.205	7.108	7.272	VV	235	11449	0.35%	0.090%
73	7.340	7.272	7.448	VV	228	10113	0.31%	0.079%
74	7.483	7.448	7.531	VV	164	4746	0.15%	0.037%
75	7.546	7.531	7.565	VV	124	1630	0.05%	0.013%
76	7.607	7.565	7.665	VV	206	5495	0.17%	0.043%
77	7.672	7.665	7.714	VV	127	1671	0.05%	0.013%
78	7.732	7.714	7.841	VV	65	3234	0.10%	0.025%
79	8.386	8.361	8.431	VV	350	10201	0.32%	0.080%
80	8.495	8.431	8.621	VV	519	28570	0.89%	0.224%
81	8.631	8.621	8.705	VV	224	5843	0.18%	0.046%
82	8.728	8.705	8.761	VV	179	4860	0.15%	0.038%
83	9.226	9.181	9.295	VV	652	24794	0.77%	0.195%
84	9.321	9.295	9.448	VV	542	21605	0.67%	0.170%
85	9.507	9.448	9.647	VV	219	12691	0.39%	0.100%
86	9.701	9.647	9.868	VV	224	13570	0.42%	0.107%
87	9.880	9.868	9.904	VV	143	1583	0.05%	0.012%
88	9.973	9.904	10.091	PV	19522	382618	11.86%	3.006%
89	10.102	10.091	10.354	VV	825	37305	1.16%	0.293%

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					rters			
90	10.370	10.354	10.403	VV	91	1652		
91	10.443	10.403	10.540	VV	1051	25112		
92	10.551	10.540	10.565	VV	172	2210		
93	10.578	10.565	10.713	VV	168	8965		
94	10.771	10.713	10.787	VV	188	5519		
95	10.845	10.787	10.897	VV	427	12332		
96	10.940	10.897	11.037	VV	191	9790	0.30%	0.077%
97	11.065	11.037	11.108	VV	173	3670	0.11%	0.029%
98	11.182	11.108	11.205	VV	141	3858	0.12%	0.030%
99	11.226	11.205	11.394	VV	105	6178	0.19%	0.049%
100	11.410	11.394	11.444	PV	72	1117	0.03%	0.009%
101	11.480	11.444	11.505	VV	348	4628	0.14%	0.036%
102	11.549	11.505	11.598	VV	330	8008	0.25%	0.063%
103	11.627	11.598	11.691	VV	725	11979	0.37%	0.094%
104	11.705	11.691	11.723	VV	199	2287	0.07%	0.018%
105	11.742	11.723	11.765	VV	172	2757	0.09%	0.022%
106	11.792	11.765	11.817	VV	108	2019	0.06%	0.016%
107	11.864	11.817	11.947	PV	287152	3225681	100.00%	25.346%
108	11.979	11.947	12.136	VV	2276	81186	2.52%	0.638%
109	12.159	12.136	12.178	VV	200	3778	0.12%	0.030%
110	12.220	12.178	12.285	VV	376	12581	0.39%	0.099%
111	12.310	12.285	12.405	VV	376	9496	0.29%	0.075%
112	12.426	12.405	12.458	VV	165	3673	0.11%	0.029%
113	12.502	12.458	12.525	VV	310	8439	0.26%	0.066%
114	12.572	12.525	12.628	VV	517	19095	0.59%	0.150%
115	12.674	12.628	12.757	VV	331	13096	0.41%	0.103%
116	12.789	12.757	12.838	VV	381	10248	0.32%	0.081%
117	12.862	12.838	12.895	VV	492	7939	0.25%	0.062%
118	12.934	12.895	13.055	VV	1584	33970	1.05%	0.267%
119	13.068	13.055	13.098	PV	114	2058	0.06%	0.016%
120	13.147	13.098	13.200	VV	298	6455	0.20%	0.051%
121	13.308	13.200	13.451	VV	232669	2897486	89.83%	22.767%
122	13.476	13.451	13.515	VV	614	15770	0.49%	0.124%
123	13.528	13.515	13.585	VV	315	10264	0.32%	0.081%
124	13.601	13.585	13.638	VV	226	6176	0.19%	0.049%
125	13.706	13.638	13.778	VV	327	17160	0.53%	0.135%
126	13.789	13.778	13.805	VV	144	2138	0.07%	0.017%
127	13.918	13.805	13.965	VV	230	16754	0.52%	0.132%
128	14.016	13.965	14.038	VV	635	14164	0.44%	0.111%
129	14.064	14.038	14.137	VV	681	15644	0.48%	0.123%
130	14.162	14.137	14.245	VV	183	6515	0.20%	0.051%
131	14.309	14.245	14.374	PV	135	8221	0.25%	0.065%
132	14.499	14.374	14.605	VV	878	34744	1.08%	0.273%
133	14.628	14.605	14.658	VV	1014	14892	0.46%	0.117%
134	14.700	14.658	14.840	VV	1161	59303	1.84%	0.466%
135	14.873	14.840	14.925	VV	319	11112	0.34%	0.087%
136	14.944	14.925	14.968	VV	226	4781	0.15%	0.038%
137	15.008	14.968	15.045	VV	279	9072	0.28%	0.071%
138	15.059	15.045	15.085	VV	214	4057	0.13%	0.032%
139	15.168	15.085	15.196	VV	1476	33479	1.04%	0.263%
140	15.215	15.196	15.265	VV	512	10094	0.31%	0.079%
141	15.274	15.265	15.330	VV	204	3476	0.11%	0.027%

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0.05% 0.013%

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142	15.363	15.330	15.458	PV	171	6171	0.19%	0.048%
143	15.492	15.458	15.515	PV	111	2421	0.07%	0.017%
144	15.566	15.515	15.668	VV	6359	206994	0.22%	0.056%
145	15.690	15.668	15.728	VV	2196	39992	0.22%	0.056%
146	15.755	15.728	15.795	VV	1734	29102	0.08%	0.020%
147	15.821	15.795	15.865	VV	295	7958	0.22%	0.056%
148	15.886	15.865	15.928	VV	125	2563	0.08%	0.020%
149	16.012	15.928	16.048	VV	195	7072	0.22%	0.056%
150	16.083	16.048	16.138	VV	216	7131	0.22%	0.056%
151	16.192	16.138	16.241	VV	2082	31958	0.99%	0.251%
152	16.255	16.241	16.285	VV	189	2193	0.07%	0.017%
153	16.387	16.285	16.448	PV	114	4539	0.14%	0.036%
154	16.482	16.448	16.515	PV	191	4122	0.13%	0.032%
155	16.592	16.515	16.607	VV	475	13974	0.43%	0.110%
156	16.676	16.607	16.714	VV	2189	46589	1.44%	0.366%
157	16.756	16.714	16.795	VV	1049	16405	0.51%	0.129%
158	16.875	16.795	16.928	PV	203	8414	0.26%	0.066%
159	17.031	16.928	17.089	VV	306	11157	0.35%	0.088%
160	17.144	17.089	17.164	VV	1972	30793	0.95%	0.242%
161	17.190	17.164	17.246	VV	5192	74251	2.30%	0.583%
162	17.375	17.246	17.398	PV	135	5027	0.16%	0.040%
163	17.478	17.398	17.508	PV	519	8272	0.26%	0.065%
164	17.594	17.508	17.625	VV	2546	43378	1.34%	0.341%
165	17.653	17.625	17.700	VV	1616	30684	0.95%	0.241%
166	17.721	17.700	17.788	VV	321	12544	0.39%	0.099%
167	17.876	17.788	17.901	VV	146	8195	0.25%	0.064%
168	17.929	17.901	17.944	PV	174	3470	0.11%	0.027%
169	17.991	17.944	18.011	PV	885	17173	0.53%	0.135%
170	18.033	18.011	18.064	VV	1782	26916	0.83%	0.211%
171	18.127	18.064	18.179	VV	490	15166	0.47%	0.119%
172	18.256	18.179	18.285	VV	401	8678	0.27%	0.068%
173	18.351	18.285	18.370	PV	521	7854	0.24%	0.062%
174	18.413	18.370	18.435	VV	2411	58103	1.80%	0.457%
175	18.461	18.435	18.538	VV	5176	113164	3.51%	0.889%
176	18.557	18.538	18.601	VV	392	11104	0.34%	0.087%
177	18.670	18.601	18.688	VV	207	6197	0.19%	0.049%
178	18.863	18.688	18.911	VV	1602	29956	0.93%	0.235%
179	18.972	18.911	19.005	PV	420	10455	0.32%	0.082%
180	19.022	19.005	19.040	VV	164	2246	0.07%	0.018%
181	19.232	19.040	19.248	PV	2422	31720	0.98%	0.249%
182	19.264	19.248	19.308	VV	2049	44869	1.39%	0.353%
183	19.366	19.308	19.430	VV	472	23187	0.72%	0.182%
184	19.462	19.430	19.485	PV	647	10349	0.32%	0.081%
185	19.653	19.485	19.688	VV	737	19891	0.62%	0.156%
186	19.762	19.688	19.781	PV	490	17646	0.55%	0.139%
187	19.947	19.781	19.967	VV	817	49059	1.52%	0.385%
188	20.011	19.967	20.058	VV	1511	55551	1.72%	0.436%
189	20.273	20.058	20.301	VV	1975	180601	5.60%	1.419%
190	20.399	20.301	20.418	VV	2363	129323	4.01%	1.016%
191	20.550	20.418	20.578	VV	4332	253870	7.87%	1.995%
192	21.158	20.578	21.185	VV	4645	1522944	47.21%	11.967%
193	21.245	21.185	21.285	VV	4118	247434	7.67%	1.944%
194	21.443	21.285	21.489	VV	3746	456338	14.15%	3.586%

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					rters	
195	21.545	21.489	21.648	VV	3671	313935
196	21.729	21.648	21.758	VV	2649	175273
197	21.892	21.758	21.961	VV	2118	260699
198	22.188	21.961	22.251	VV	898	197041
199	22.266	22.251	22.318	VV	401	9386
Sum of corrected areas:					127	

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9.73% 2.467%

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Aliphatic EPH 041725.M Fri May 02 02:44:11 2025