

rteres

Instrument :

FID_E

ClientSampleId :

TP01-MH1-WCMSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/13/2025

Supervised By :mohammad ahmed 06/16/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06132
Data File : FE054355.D
Signal(s) : FID1B.ch
Acq On : 12 Jun 2025 23:44
Sample : Q2295-01MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.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	2.878	2.804	2.940	BV	1810	23628	0.17%	0.009%
2	2.952	2.940	3.004	PV	113	1895	0.01%	0.001%
3	3.018	3.004	3.099	PV	1483	32561	0.23%	0.013%
4	3.122	3.099	3.148	VV	176	2851	0.02%	0.001%
5	3.178	3.148	3.291	VV	403644	4252018	29.96%	1.682%
6	3.319	3.291	3.343	VV	958	25999	0.18%	0.010%
7	3.369	3.343	3.454	VV	22572	269639	1.90%	0.107%
8	3.486	3.454	3.536	VV	648	25275	0.18%	0.010%
9	3.552	3.536	3.560	VV	483	5838	0.04%	0.002%
10	3.587	3.560	3.614	VV	1025	21364	0.15%	0.008%
11	3.631	3.614	3.645	VV	1367	17826	0.13%	0.007%
12	3.666	3.645	3.761	VV	14037	208517	1.47%	0.082%
13	3.785	3.761	3.841	VV	9951	151799	1.07%	0.060%
14	3.861	3.841	3.960	VV	53925	651246	4.59%	0.258%
15	3.974	3.960	3.996	VV	1014	18834	0.13%	0.007%
16	4.011	3.996	4.074	VV	935	28455	0.20%	0.011%
17	4.088	4.074	4.148	VV	545	17320	0.12%	0.007%
18	4.179	4.148	4.201	VV	3350	56761	0.40%	0.022%
19	4.217	4.201	4.288	VV	2532	55002	0.39%	0.022%
20	4.313	4.288	4.363	VV	1263	27117	0.19%	0.011%
21	4.378	4.363	4.411	VV	398	9527	0.07%	0.004%
22	4.440	4.411	4.457	VV	469116	4654168	32.79%	1.841%
23	4.474	4.457	4.536	VV	503964	5357823	37.75%	2.120%
24	4.552	4.536	4.579	VV	6196	118853	0.84%	0.047%
25	4.596	4.579	4.708	VV	6534	168351	1.19%	0.067%
26	4.725	4.708	4.777	VV	1025	35874	0.25%	0.014%
27	4.791	4.777	4.914	VV	718	48033	0.34%	0.019%
28	4.947	4.914	4.984	VV	609	20552	0.14%	0.008%
29	5.000	4.984	5.015	VV	418	6556	0.05%	0.003%
30	5.025	5.015	5.071	VV	399	10972	0.08%	0.004%
31	5.118	5.071	5.141	VV	471	15823	0.11%	0.006%
32	5.151	5.141	5.218	VV	399	14778	0.10%	0.006%
33	5.239	5.218	5.252	VV	259	4929	0.03%	0.002%
34	5.260	5.252	5.333	VV	267	9140	0.06%	0.004%
35	5.355	5.333	5.386	VV	183	4324	0.03%	0.002%
36	5.428	5.386	5.553	VV	337	17946	0.13%	0.007%

					retention				
37	5.587	5.553	5.687	VV	1336	24697	0.17%	0.010%	
38	5.702	5.687	5.709	VV	122	1151			
39	5.742	5.709	5.781	VV	185	5923			
40	5.787	5.781	5.814	VV	167	2793			
41	5.845	5.814	5.932	VV	288	10414			
42	5.938	5.932	5.958	VV	104	1060			
43	5.983	5.958	6.002	VV	126	2418	0.02%	0.001%	
44	6.008	6.002	6.069	VV	95	1935	0.01%	0.001%	
45	6.077	6.069	6.122	PV	71	906	0.01%	0.000%	
46	6.152	6.122	6.313	VV	504024	5881254	41.44%	2.327%	
47	6.332	6.313	6.468	VV	2556	125799	0.89%	0.050%	
48	6.489	6.468	6.498	VV	846	15350	0.11%	0.006%	
49	6.507	6.498	6.585	VV	827	33907	0.24%	0.013%	
50	6.621	6.585	6.755	VV	503726	5262742	37.08%	2.082%	
51	6.774	6.755	6.848	VV	1032	39520	0.28%	0.016%	
52	6.853	6.848	6.931	VV	500	18966	0.13%	0.008%	
53	6.941	6.931	7.061	VV	350	16964	0.12%	0.007%	
54	7.070	7.061	7.127	VV	204	5413	0.04%	0.002%	
55	7.163	7.127	7.221	PV	7607	135319	0.95%	0.054%	
56	7.254	7.221	7.383	VV	481010	5747294	40.49%	2.274%	
57	7.398	7.383	7.439	VV	3013	81242	0.57%	0.032%	
58	7.465	7.439	7.524	VV	2400	96935	0.68%	0.038%	
59	7.538	7.524	7.554	VV	1557	24487	0.17%	0.010%	
60	7.571	7.554	7.610	VV	1941	39707	0.28%	0.016%	
61	7.620	7.610	7.723	VV	741	34682	0.24%	0.014%	
62	7.743	7.723	7.821	VV	629	17098	0.12%	0.007%	
63	7.883	7.821	8.122	VV	482847	5809182	40.93%	2.298%	
64	8.145	8.122	8.184	VV	1851	37830	0.27%	0.015%	
65	8.202	8.184	8.288	VV	1160	31896	0.22%	0.013%	
66	8.310	8.288	8.330	VV	435	8737	0.06%	0.003%	
67	8.358	8.330	8.398	VV	638	15758	0.11%	0.006%	
68	8.456	8.398	8.531	VV	529845	5739213	40.44%	2.270%	
69	8.559	8.531	8.736	VV	578310	6628340	46.70%	2.622%	
70	8.763	8.736	8.830	VV	310487	3824122	26.94%	1.513%	
71	8.859	8.830	9.131	VV	612590	7040381	49.60%	2.785%	
72	9.190	9.131	9.258	VV	1311	60355	0.43%	0.024%	
73	9.285	9.258	9.351	VV	1459	33333	0.23%	0.013%	
74	9.357	9.351	9.365	VV	263	2123	0.01%	0.001%	
75	9.371	9.365	9.429	VV	282	6093	0.04%	0.002%	
76	9.448	9.429	9.455	VV	137	1438	0.01%	0.001%	
77	9.469	9.455	9.500	VV	172	2321	0.02%	0.001%	
78	9.523	9.500	9.568	PV	151	3264	0.02%	0.001%	
79	9.581	9.568	9.599	VV	223	2097	0.01%	0.001%	
80	9.653	9.599	9.824	PV	575725	7051070	49.68%	2.789%	
81	9.843	9.824	9.856	VV	2623	37865	0.27%	0.015%	
82	9.876	9.856	9.921	VV	5467	116722	0.82%	0.046%	
83	9.943	9.921	10.034	VV	31173	622883	4.39%	0.246%	
84	10.067	10.034	10.282	VV	583040	6538164	46.07%	2.586%	
85	10.289	10.282	10.310	VV	362	3788	0.03%	0.001%	
86	10.318	10.310	10.344	VV	234	3651	0.03%	0.001%	
87	10.367	10.344	10.376	VV	266	3800	0.03%	0.002%	
88	10.409	10.376	10.475	VV	4196	81307	0.57%	0.032%	
89	10.485	10.475	10.531	VV	408	8388	0.06%	0.003%	

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90	10.546	10.531	10.573	VV	290	4334	0.03%	0.002%
91	10.603	10.573	10.654	VV	195	4139		
92	10.686	10.654	10.708	VV	363	5876		
93	10.732	10.708	10.751	VV	489	7657		
94	10.807	10.751	10.847	VV	1234	22261		
95	10.885	10.847	11.002	VV	2860	83643		
96	11.063	11.002	11.113	PV	606558	7038320	49.59%	2.784%
97	11.141	11.113	11.295	VV	541978	7283744	51.32%	2.881%
98	11.313	11.295	11.410	VV	2757	88868	0.63%	0.035%
99	11.444	11.410	11.478	VV	1725	44626	0.31%	0.018%
100	11.514	11.478	11.578	VV	582728	6837678	48.18%	2.705%
101	11.592	11.578	11.652	VV	1410	36694	0.26%	0.015%
102	11.670	11.652	11.686	VV	484	7710	0.05%	0.003%
103	11.705	11.686	11.761	VV	446	11431	0.08%	0.005%
104	11.827	11.761	11.928	VV	561004	6345097	44.71%	2.510%
105	11.944	11.928	11.985	VV	1353	41327	0.29%	0.016%
106	12.000	11.985	12.018	VV	1136	19706	0.14%	0.008%
107	12.028	12.018	12.052	VV	882	15111	0.11%	0.006%
108	12.063	12.052	12.101	VV	626	14912	0.11%	0.006%
109	12.118	12.101	12.138	VV	482	8592	0.06%	0.003%
110	12.182	12.138	12.214	VV	1077	22216	0.16%	0.009%
111	12.236	12.214	12.254	VV	394	6464	0.05%	0.003%
112	12.274	12.254	12.355	VV	551	12642	0.09%	0.005%
113	12.381	12.355	12.424	PV	328	7783	0.05%	0.003%
114	12.456	12.424	12.486	VV	985	25014	0.18%	0.010%
115	12.528	12.486	12.544	VV	926	25553	0.18%	0.010%
116	12.556	12.544	12.591	VV	678	15506	0.11%	0.006%
117	12.647	12.591	12.723	VV	2058	51772	0.36%	0.020%
118	12.749	12.723	12.759	VV	696	10957	0.08%	0.004%
119	12.772	12.759	12.791	VV	694	11758	0.08%	0.005%
120	12.827	12.791	12.860	VV	581902	7139930	50.31%	2.825%
121	12.892	12.860	13.057	VV	566849	7188239	50.65%	2.844%
122	13.084	13.057	13.138	VV	4458	85844	0.60%	0.034%
123	13.146	13.138	13.158	VV	689	7915	0.06%	0.003%
124	13.190	13.158	13.238	VV	565838	7014362	49.42%	2.775%
125	13.271	13.238	13.365	VV	409539	5204201	36.67%	2.059%
126	13.379	13.365	13.400	VV	1428	27184	0.19%	0.011%
127	13.440	13.400	13.601	VV	572057	6926763	48.80%	2.740%
128	13.667	13.601	13.698	VV	591	24124	0.17%	0.010%
129	13.704	13.698	13.738	VV	407	7572	0.05%	0.003%
130	13.743	13.738	13.761	VV	217	2812	0.02%	0.001%
131	13.786	13.761	13.794	VV	475	6447	0.05%	0.003%
132	13.816	13.794	13.834	VV	828	14350	0.10%	0.006%
133	13.866	13.834	13.911	VV	1391	30552	0.22%	0.012%
134	13.921	13.911	13.944	VV	424	7800	0.05%	0.003%
135	13.978	13.944	13.990	VV	2048	30699	0.22%	0.012%
136	14.027	13.990	14.121	VV	535594	6831740	48.13%	2.703%
137	14.142	14.121	14.184	VV	1096	22413	0.16%	0.009%
138	14.207	14.184	14.340	VV	965	33062	0.23%	0.013%
139	14.387	14.340	14.417	VV	496	12412	0.09%	0.005%
140	14.461	14.417	14.481	VV	1431	31292	0.22%	0.012%
141	14.494	14.481	14.560	VV	928	27027	0.19%	0.011%

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				rters				
142	14.589	14.560	14.614	VV	1459	22528	0.16%	0.009%
143	14.642	14.614	14.671	VV	539	14048		
144	14.690	14.671	14.714	VV	367	7845		
145	14.726	14.714	14.761	VV	300	6171		
146	14.794	14.761	14.820	VV	251	6052		
147	14.879	14.820	14.951	VV	591	16524		
148	14.980	14.951	15.044	PV	327	8033	0.06%	0.003%
149	15.080	15.044	15.100	VV	520544	6724147	47.38%	2.660%
150	15.127	15.100	15.421	VV	902718	14192919	100.00%	5.615%
151	15.428	15.421	15.471	VV	478	12180	0.09%	0.005%
152	15.532	15.471	15.624	VV	9878	387368	2.73%	0.153%
153	15.660	15.624	15.690	VV	3951	100572	0.71%	0.040%
154	15.714	15.690	15.761	VV	3001	50484	0.36%	0.020%
155	15.772	15.761	15.808	VV	325	5809	0.04%	0.002%
156	15.830	15.808	15.851	PV	244	3520	0.02%	0.001%
157	15.903	15.851	15.933	VV	196	4901	0.03%	0.002%
158	15.966	15.933	16.000	PV	245	4502	0.03%	0.002%
159	16.070	16.000	16.091	VV	410	14728	0.10%	0.006%
160	16.156	16.091	16.204	VV	483355	6614510	46.60%	2.617%
161	16.215	16.204	16.264	VV	806	12593	0.09%	0.005%
162	16.276	16.264	16.303	VV	155	2462	0.02%	0.001%
163	16.353	16.303	16.418	PV	581	18327	0.13%	0.007%
164	16.441	16.418	16.474	PV	312	6518	0.05%	0.003%
165	16.489	16.474	16.521	VV	245	4191	0.03%	0.002%
166	16.566	16.521	16.581	VV	902	21665	0.15%	0.009%
167	16.650	16.581	16.665	VV	511218	7222612	50.89%	2.857%
168	16.683	16.665	16.894	VV	570017	7957395	56.07%	3.148%
169	16.921	16.894	16.961	VV	2832	65111	0.46%	0.026%
170	16.979	16.961	16.997	VV	1485	24333	0.17%	0.010%
171	17.034	16.997	17.074	VV	513569	7249520	51.08%	2.868%
172	17.105	17.074	17.320	VV	472754	6967373	49.09%	2.756%
173	17.331	17.320	17.384	VV	626	16259	0.11%	0.006%
174	17.436	17.384	17.468	VV	585	18124	0.13%	0.007%
175	17.552	17.468	17.598	VV	3297	73526	0.52%	0.029%
176	17.639	17.598	17.695	VV	789	17256	0.12%	0.007%
177	17.718	17.695	17.731	VV	216	3115	0.02%	0.001%
178	17.752	17.731	17.769	VV	394	6208	0.04%	0.002%
179	17.777	17.769	17.805	VV	263	3472	0.02%	0.001%
180	17.815	17.805	17.823	PV	44	473	0.00%	0.000%
181	17.884	17.823	17.914	PV	5282	76560	0.54%	0.030%
182	17.996	17.914	18.054	VV	470908	6483380	45.68%	2.565%
183	18.084	18.054	18.111	VV	2458	42476	0.30%	0.017%
184	18.128	18.111	18.147	VV	702	11119	0.08%	0.004%
185	18.166	18.147	18.195	VV	793	13886	0.10%	0.005%
186	18.219	18.195	18.283	VV	723	16124	0.11%	0.006%
187	18.314	18.283	18.343	PV	1609	28207	0.20%	0.011%
188	18.421	18.343	18.434	VV	418757	6313052	44.48%	2.497%
189	18.452	18.434	18.636	VV	518195	9796586	69.02%	3.875%
190	18.676	18.636	18.788	VV	358156	7285982	51.34%	2.882%
191	18.827	18.788	18.905	VV	398651	6213506	43.78%	2.458%
192	18.923	18.905	19.071	VV	4918	282865	1.99%	0.112%
193	19.095	19.071	19.128	VV	1358	41550	0.29%	0.016%
194	19.141	19.128	19.157	VV	1024	15486	0.11%	0.006%

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195	19.224	19.157	19.294	VV	4689	196104	1.38%	0.078%
196	19.304	19.294	19.324	VV	1379	22432		
197	19.346	19.324	19.361	VV	1136	22584		
198	19.374	19.361	19.388	VV	828	12266		
199	19.418	19.388	19.463	VV	1203	26934		
200	19.479	19.463	19.494	VV	296	4570		
201	19.521	19.494	19.540	VV	379	5664	0.04%	0.002%
202	19.611	19.540	19.661	VV	274624	4028653	28.38%	1.594%
203	19.677	19.661	19.697	VV	1991	36701	0.26%	0.015%
204	19.742	19.697	19.870	VV	3850	239935	1.69%	0.095%
205	19.884	19.870	19.918	VV	917	23180	0.16%	0.009%
206	19.963	19.918	20.008	VV	2790	78545	0.55%	0.031%
207	20.014	20.008	20.059	VV	1028	26068	0.18%	0.010%
208	20.100	20.059	20.109	VV	733	20329	0.14%	0.008%
209	20.135	20.109	20.143	VV	758	14129	0.10%	0.006%
210	20.252	20.143	20.276	VV	2581	130081	0.92%	0.051%
211	20.350	20.276	20.437	VV	139292	2321707	16.36%	0.918%
212	20.500	20.437	20.550	VV	7208	266275	1.88%	0.105%
213	20.657	20.550	20.677	VV	3217	210234	1.48%	0.083%
214	20.707	20.677	20.735	VV	3469	112431	0.79%	0.044%
215	20.861	20.735	20.914	VV	4026	373917	2.63%	0.148%
216	20.945	20.914	20.963	VV	3576	103730	0.73%	0.041%
217	21.011	20.963	21.020	VV	3614	119902	0.84%	0.047%
218	21.075	21.020	21.172	VV	62949	1402825	9.88%	0.555%
219	21.180	21.172	21.207	VV	3509	70477	0.50%	0.028%
220	21.221	21.207	21.258	VV	3311	97375	0.69%	0.039%
221	21.264	21.258	21.297	VV	3026	69819	0.49%	0.028%
222	21.307	21.297	21.318	VV	2828	33971	0.24%	0.013%
223	21.326	21.318	21.341	VV	2765	38326	0.27%	0.015%
224	21.397	21.341	21.412	VV	2821	116846	0.82%	0.046%
225	21.492	21.412	21.543	VV	2814	204936	1.44%	0.081%
226	21.553	21.543	21.584	VV	2279	55557	0.39%	0.022%
227	21.609	21.584	21.632	VV	2161	59875	0.42%	0.024%
228	21.716	21.632	21.734	VV	1922	116225	0.82%	0.046%
229	21.962	21.734	22.098	VV	26466	971288	6.84%	0.384%
230	22.164	22.098	22.236	VV	1614	93009	0.66%	0.037%
231	22.246	22.236	22.262	VV	687	9363	0.07%	0.004%
232	22.273	22.262	22.331	VV	585	14355	0.10%	0.006%
233	22.341	22.331	22.348	VV	186	1316	0.01%	0.001%
234	22.368	22.348	22.381	VV	103	1284	0.01%	0.001%

Sum of corrected areas: 252783200

Instrument :

FID_E

ClientSampleId :

TP01-MH1-WCMSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/13/2025

Supervised By :mohammad ahmed 06/16/2025

Aliphatic EPH 061025.M Fri Jun 13 07:12:43 2025