

rteres

Instrument :

FID_E

ClientSampleId :

TP04-MHN-WCMS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/30/2025

Supervised By :mohammad ahmed 05/30/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE05292
Data File : FE054077.D
Signal(s) : FID1B.ch
Acq On : 29 May 2025 18:05
Sample : Q2146-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.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	2.883	2.821	2.941	BV	953	11126	0.12%	0.006%
2	2.965	2.941	2.986	PV	166	2226	0.02%	0.001%
3	3.004	2.986	3.028	VV	115	1169	0.01%	0.001%
4	3.053	3.028	3.101	VV	136	2506	0.03%	0.001%
5	3.113	3.101	3.128	PV	91	907	0.01%	0.001%
6	3.186	3.128	3.321	VV	249864	2682680	28.51%	1.526%
7	3.327	3.321	3.391	VV	573	17884	0.19%	0.010%
8	3.404	3.391	3.417	VV	406	5934	0.06%	0.003%
9	3.428	3.417	3.452	VV	391	6984	0.07%	0.004%
10	3.470	3.452	3.484	VV	288	5198	0.06%	0.003%
11	3.503	3.484	3.548	VV	381	11992	0.13%	0.007%
12	3.555	3.548	3.615	VV	397	9946	0.11%	0.006%
13	3.641	3.615	3.663	VV	334	7441	0.08%	0.004%
14	3.680	3.663	3.729	VV	703	15179	0.16%	0.009%
15	3.737	3.729	3.758	VV	238	3343	0.04%	0.002%
16	3.805	3.758	3.861	VV	427	15974	0.17%	0.009%
17	3.879	3.861	3.971	VV	272	12864	0.14%	0.007%
18	3.986	3.971	4.091	VV	293	11809	0.13%	0.007%
19	4.097	4.091	4.131	VV	197	3936	0.04%	0.002%
20	4.136	4.131	4.148	VV	143	1456	0.02%	0.001%
21	4.174	4.148	4.211	VV	291	8650	0.09%	0.005%
22	4.219	4.211	4.233	VV	261	2760	0.03%	0.002%
23	4.247	4.233	4.278	VV	162	4514	0.05%	0.003%
24	4.331	4.278	4.365	VV	247	9186	0.10%	0.005%
25	4.394	4.365	4.412	VV	201	4788	0.05%	0.003%
26	4.450	4.412	4.467	VV	301410	3020476	32.10%	1.718%
27	4.483	4.467	4.545	VV	327283	3511027	37.31%	1.997%
28	4.559	4.545	4.588	VV	4104	71960	0.76%	0.041%
29	4.605	4.588	4.720	VV	4593	117496	1.25%	0.067%
30	4.736	4.720	4.749	VV	675	11063	0.12%	0.006%
31	4.756	4.749	4.856	VV	607	30397	0.32%	0.017%
32	4.874	4.856	4.937	VV	410	17787	0.19%	0.010%
33	4.958	4.937	4.984	VV	424	9554	0.10%	0.005%
34	4.997	4.984	5.014	VV	323	4728	0.05%	0.003%
35	5.027	5.014	5.104	VV	279	13630	0.14%	0.008%
36	5.119	5.104	5.144	VV	283	5939	0.06%	0.003%

					retention			
37	5.152	5.144	5.158	VV	252	2011	0.02%	0.001%
38	5.170	5.158	5.198	VV	229	5194		
39	5.207	5.198	5.241	VV	247	4732		
40	5.250	5.241	5.268	VV	164	2620		
41	5.275	5.268	5.289	VV	224	2210		
42	5.304	5.289	5.328	VV	176	3676		
43	5.330	5.328	5.348	VV	199	1619	0.02%	0.001%
44	5.354	5.348	5.365	VV	162	1534	0.02%	0.001%
45	5.375	5.365	5.408	VV	175	3382	0.04%	0.002%
46	5.453	5.408	5.578	VV	223	14308	0.15%	0.008%
47	5.597	5.578	5.684	VV	902	18765	0.20%	0.011%
48	5.694	5.684	5.720	VV	192	3407	0.04%	0.002%
49	5.732	5.720	5.738	VV	209	2105	0.02%	0.001%
50	5.744	5.738	5.834	VV	240	10583	0.11%	0.006%
51	5.849	5.834	5.881	VV	305	5877	0.06%	0.003%
52	5.898	5.881	5.984	VV	202	7578	0.08%	0.004%
53	5.991	5.984	6.001	VV	158	1152	0.01%	0.001%
54	6.010	6.001	6.028	VV	130	1392	0.01%	0.001%
55	6.041	6.028	6.081	VV	126	2450	0.03%	0.001%
56	6.093	6.081	6.115	PV	97	1042	0.01%	0.001%
57	6.163	6.115	6.331	PV	325630	3963895	42.12%	2.255%
58	6.337	6.331	6.469	VV	1493	77550	0.82%	0.044%
59	6.488	6.469	6.583	VV	621	34172	0.36%	0.019%
60	6.631	6.583	6.767	VV	326329	3517833	37.38%	2.001%
61	6.783	6.767	6.824	VV	791	21095	0.22%	0.012%
62	6.831	6.824	6.938	VV	478	24240	0.26%	0.014%
63	6.955	6.938	6.981	VV	311	6926	0.07%	0.004%
64	6.991	6.981	7.011	VV	282	3765	0.04%	0.002%
65	7.058	7.011	7.106	VV	339	13524	0.14%	0.008%
66	7.115	7.106	7.128	VV	218	2342	0.02%	0.001%
67	7.172	7.128	7.229	VV	6188	106986	1.14%	0.061%
68	7.265	7.229	7.395	VV	316983	3853049	40.95%	2.192%
69	7.408	7.395	7.447	VV	2207	54600	0.58%	0.031%
70	7.472	7.447	7.530	VV	1843	68958	0.73%	0.039%
71	7.548	7.530	7.564	VV	1118	19689	0.21%	0.011%
72	7.582	7.564	7.738	VV	1440	55891	0.59%	0.032%
73	7.755	7.738	7.835	VV	562	14379	0.15%	0.008%
74	8.157	8.134	8.198	VV	1657	34090	0.36%	0.019%
75	8.214	8.198	8.264	VV	995	21798	0.23%	0.012%
76	8.281	8.264	8.306	VV	397	7666	0.08%	0.004%
77	8.321	8.306	8.348	VV	375	7175	0.08%	0.004%
78	8.368	8.348	8.407	VV	499	13120	0.14%	0.007%
79	8.418	8.407	8.432	VV	421	5261	0.06%	0.003%
80	8.467	8.432	8.539	VV	348013	3769801	40.06%	2.145%
81	8.570	8.539	8.743	VV	400405	4476708	47.57%	2.547%
82	8.870	8.844	9.151	VV	412130	4720418	50.16%	2.685%
83	9.206	9.151	9.273	VV	738	39236	0.42%	0.022%
84	9.297	9.273	9.467	VV	1016	32565	0.35%	0.019%
85	9.482	9.467	9.523	VV	225	3869	0.04%	0.002%
86	9.536	9.523	9.572	VV	149	2842	0.03%	0.002%
87	9.593	9.572	9.634	VV	135	2822	0.03%	0.002%
88	9.664	9.634	9.834	PV	374545	4652916	49.45%	2.647%
89	9.856	9.834	9.866	VV	1677	24092	0.26%	0.014%

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90	9.886	9.866	9.934	VV	3786	82311	0.87%	0.047%
91	9.959	9.934	10.044	VV	9879	239509		
92	10.078	10.044	10.338	VV	370723	4210138	44.88%	2.617%
93	10.367	10.338	10.394	VV	162	4729	0.03%	0.002%
94	10.422	10.394	10.491	VV	343	10323	0.03%	0.002%
95	10.499	10.491	10.532	VV	151	2920	0.04%	0.002%
96	10.538	10.532	10.561	VV	138	2015	0.02%	0.001%
97	10.564	10.561	10.585	VV	205	1323	0.01%	0.001%
98	10.611	10.585	10.664	PV	147	2919	0.03%	0.002%
99	10.698	10.664	10.721	VV	157	2892	0.03%	0.002%
100	10.746	10.721	10.764	VV	210	3593	0.04%	0.002%
101	10.820	10.764	10.851	VV	594	13598	0.14%	0.008%
102	10.880	10.851	11.015	VV	2653	87769	0.93%	0.050%
103	11.074	11.015	11.123	PV	393634	4599739	48.88%	2.617%
104	11.151	11.123	11.309	VV	355038	4788564	50.89%	2.724%
105	11.326	11.309	11.368	VV	1761	39496	0.42%	0.022%
106	11.380	11.368	11.392	VV	679	9084	0.10%	0.005%
107	11.429	11.392	11.441	VV	941	22183	0.24%	0.013%
108	11.455	11.441	11.485	VV	1179	23457	0.25%	0.013%
109	11.526	11.485	11.665	VV	368011	4426945	47.05%	2.518%
110	11.678	11.665	11.701	VV	297	5694	0.06%	0.003%
111	11.718	11.701	11.744	VV	286	5610	0.06%	0.003%
112	11.750	11.744	11.790	VV	199	4015	0.04%	0.002%
113	11.839	11.790	11.954	VV	414897	4786567	50.87%	2.723%
114	11.978	11.954	11.991	VV	759	14340	0.15%	0.008%
115	12.001	11.991	12.113	VV	714	32069	0.34%	0.018%
116	12.130	12.113	12.169	VV	242	4638	0.05%	0.003%
117	12.196	12.169	12.230	VV	554	9980	0.11%	0.006%
118	12.251	12.230	12.274	VV	213	3804	0.04%	0.002%
119	12.289	12.274	12.334	VV	292	4189	0.04%	0.002%
120	12.344	12.334	12.371	VV	58	695	0.01%	0.000%
121	12.399	12.371	12.446	PV	126	2053	0.02%	0.001%
122	12.460	12.446	12.474	VV	94	1148	0.01%	0.001%
123	12.478	12.474	12.511	VV	120	1345	0.01%	0.001%
124	12.542	12.511	12.564	VV	277	6208	0.07%	0.004%
125	12.570	12.564	12.618	VV	217	3105	0.03%	0.002%
126	12.660	12.618	12.678	VV	1116	18139	0.19%	0.010%
127	12.687	12.678	12.735	VV	537	10194	0.11%	0.006%
128	12.784	12.735	12.801	VV	396	9272	0.10%	0.005%
129	12.839	12.801	12.871	VV	386584	4653318	49.45%	2.647%
130	12.902	12.871	13.066	VV	388823	4803166	51.04%	2.732%
131	13.093	13.066	13.164	VV	3616	68694	0.73%	0.039%
132	13.201	13.164	13.248	VV	384222	4676240	49.69%	2.660%
133	13.284	13.248	13.418	VV	326290	4209138	44.73%	2.394%
134	13.452	13.418	13.654	VV	367901	4541746	48.27%	2.584%
135	13.680	13.654	13.701	VV	315	6959	0.07%	0.004%
136	13.713	13.701	13.746	VV	233	4250	0.05%	0.002%
137	13.830	13.746	13.854	VV	624	17053	0.18%	0.010%
138	13.880	13.854	13.908	VV	814	14475	0.15%	0.008%
139	13.925	13.908	13.941	VV	242	4205	0.04%	0.002%
140	13.948	13.941	13.956	VV	266	2236	0.02%	0.001%
141	13.990	13.956	14.003	VV	812	13890	0.15%	0.008%

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Instrument : FID_E ClientSampleId : TP04-MHN-WCMS								
Peak	Time	Area	Height	Ratio	Area%	Height%	Area%	Height%
142	14.040	14.003	14.194	VV	363547	4477449	47.58%	2.547%
143	14.219	14.194	14.289	VV	414	8671	0.00%	0.000%
144	14.297	14.289	14.354	VV	57	1488	0.00%	0.000%
145	14.369	14.354	14.376	PV	64	555	0.00%	0.000%
146	14.400	14.376	14.427	VV	188	3438	0.00%	0.000%
147	14.475	14.427	14.577	VV	912	25064	0.00%	0.000%
148	14.603	14.577	14.627	VV	868	11786	0.13%	0.007%
149	14.639	14.627	14.650	VV	210	2348	0.02%	0.001%
150	14.663	14.650	14.688	VV	250	3121	0.03%	0.002%
151	14.756	14.688	14.787	VV	188	7378	0.08%	0.004%
152	14.805	14.787	14.836	VV	180	3109	0.03%	0.002%
153	14.893	14.836	14.914	VV	245	6055	0.06%	0.003%
154	14.942	14.914	14.957	VV	83	1084	0.01%	0.001%
155	14.997	14.957	15.018	PV	225	5253	0.06%	0.003%
156	15.027	15.018	15.044	VV	106	1096	0.01%	0.001%
157	15.090	15.044	15.111	VV	351566	4489529	47.71%	2.554%
158	15.138	15.111	15.322	VV	536810	9410015	100.00%	5.353%
159	15.340	15.322	15.424	VV	978	41585	0.44%	0.024%
160	15.431	15.424	15.458	VV	419	7832	0.08%	0.004%
161	15.464	15.458	15.496	VV	353	7815	0.08%	0.004%
162	15.555	15.496	15.641	VV	4182	183047	1.95%	0.104%
163	15.664	15.641	15.704	VV	2093	45372	0.48%	0.026%
164	15.729	15.704	15.768	VV	1326	24747	0.26%	0.014%
165	15.788	15.768	15.824	VV	357	8053	0.09%	0.005%
166	15.832	15.824	15.871	VV	162	3376	0.04%	0.002%
167	15.876	15.871	15.881	VV	111	530	0.01%	0.000%
168	15.888	15.881	15.908	VV	126	1267	0.01%	0.001%
169	15.931	15.908	15.954	VV	171	3137	0.03%	0.002%
170	15.985	15.954	16.003	VV	182	3338	0.04%	0.002%
171	16.037	16.003	16.051	VV	259	5031	0.05%	0.003%
172	16.061	16.051	16.078	VV	214	2728	0.03%	0.002%
173	16.170	16.078	16.258	VV	327132	4360554	46.34%	2.481%
174	16.283	16.258	16.317	PV	114	2081	0.02%	0.001%
175	16.335	16.317	16.345	VV	146	1503	0.02%	0.001%
176	16.372	16.345	16.402	VV	177	4150	0.04%	0.002%
177	16.455	16.402	16.484	VV	140	4450	0.05%	0.003%
178	16.515	16.484	16.534	VV	81	1218	0.01%	0.001%
179	16.658	16.534	16.673	PV	345658	4723333	50.19%	2.687%
180	16.690	16.673	16.899	VV	392565	5315356	56.49%	3.024%
181	16.925	16.899	16.967	VV	1836	41343	0.44%	0.024%
182	16.990	16.967	17.006	VV	900	15787	0.17%	0.009%
183	17.043	17.006	17.087	VV	337589	4806683	51.08%	2.734%
184	17.120	17.087	17.294	VV	311929	4529009	48.13%	2.576%
185	17.299	17.294	17.315	VV	424	4262	0.05%	0.002%
186	17.326	17.315	17.351	VV	339	5639	0.06%	0.003%
187	17.356	17.351	17.384	VV	222	3503	0.04%	0.002%
188	17.402	17.384	17.421	VV	168	2826	0.03%	0.002%
189	17.454	17.421	17.468	VV	212	4756	0.05%	0.003%
190	17.481	17.468	17.493	VV	140	1511	0.02%	0.001%
191	17.568	17.493	17.604	VV	1782	33666	0.36%	0.019%
192	17.658	17.604	17.691	VV	299	8518	0.09%	0.005%
193	17.727	17.691	17.751	VV	111	2760	0.03%	0.002%
194	17.770	17.751	17.788	VV	190	2827	0.03%	0.002%

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195	17.797	17.788	17.824	VV	145	1639	0.02%	0.001%
196	17.900	17.824	17.941	PV	3481	50244		
197	18.010	17.941	18.081	VV	302347	4285275	45.70%	2.660%
198	18.099	18.081	18.127	VV	900	15505	0.06%	0.003%
199	18.143	18.127	18.164	VV	270	4715	0.08%	0.005%
200	18.185	18.164	18.204	VV	240	3492	0.06%	0.003%
201	18.235	18.204	18.258	PV	427	5905	0.08%	0.005%
202	18.329	18.258	18.355	PV	684	7992	0.70%	3.575%
203	18.428	18.355	18.443	PV	328449	4676562	55.79%	2.987%
204	18.459	18.443	18.642	VV	365342	6284370		
205	18.684	18.642	18.802	VV	288569	5249855	46.86%	2.509%
206	18.843	18.802	18.925	VV	300576	4409857	0.46%	0.024%
207	18.940	18.925	18.978	VV	1641	42877	0.36%	0.019%
208	18.996	18.978	19.071	VV	995	33868	0.08%	0.004%
209	19.113	19.071	19.128	VV	303	7838	0.02%	0.001%
210	19.139	19.128	19.157	VV	168	2319		
211	19.239	19.157	19.311	PV	2184	76724	0.82%	0.044%
212	19.321	19.311	19.348	VV	451	8278	0.09%	0.005%
213	19.362	19.348	19.380	VV	376	5628	0.06%	0.003%
214	19.398	19.380	19.412	VV	310	4377	0.05%	0.002%
215	19.437	19.412	19.461	VV	428	7097	0.08%	0.004%
216	19.629	19.461	19.689	PV	293291	4321098	45.92%	2.458%
217	19.735	19.689	19.845	VV	2542	122322	1.30%	0.070%
218	19.986	19.845	20.031	VV	1254	52330	0.56%	0.030%
219	20.273	20.031	20.293	VV	1815	114397	1.22%	0.065%
220	20.370	20.293	20.474	VV	282834	4600611	48.89%	2.617%
221	20.517	20.474	20.568	VV	5539	207879	2.21%	0.118%
222	20.726	20.568	20.749	VV	4174	349550	3.71%	0.199%
223	21.100	20.749	21.304	VV	241320	6051625	64.31%	3.443%
224	21.412	21.304	21.431	VV	4085	318829	3.39%	0.181%
225	21.516	21.431	21.568	VV	4184	315127	3.35%	0.179%
226	21.606	21.568	21.613	VV	3284	89431	0.95%	0.051%
227	21.762	21.613	21.770	VV	2735	276632	2.94%	0.157%
228	21.810	21.770	21.817	VV	2550	73496	0.78%	0.042%
229	21.992	21.817	22.154	VV	172270	4943631	52.54%	2.812%
230	22.186	22.154	22.283	VV	2301	127933	1.36%	0.073%
231	22.307	22.283	22.325	VV	779	18631	0.20%	0.011%
232	22.335	22.325	22.398	VV	505	11631	0.12%	0.007%
Sum of corrected areas:					175785959			

Instrument :

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0.02% 0.001%

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Reviewed By :Yogesh Patel 05/30/2025

Supervised By :mohammad ahmed 05/30/2025

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