

rteres

Instrument :

FID_E

ClientSampleId :

TP-13-MHP-WCMSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/11/2025

Supervised By :mohammad ahmed 06/12/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06112
Data File : FE054301.D
Signal(s) : FID1B.ch
Acq On : 10 Jun 2025 22:20
Sample : Q2274-01MSD
Misc :
ALS Vial : 20 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	2.879	2.821	2.941	BV	1473	17284	0.14%	0.008%
2	2.960	2.941	3.021	PV	196	2605	0.02%	0.001%
3	3.048	3.021	3.091	PV	253	3857	0.03%	0.002%
4	3.108	3.091	3.128	PV	109	1568	0.01%	0.001%
5	3.180	3.128	3.305	VV	454549	4753205	38.73%	2.145%
6	3.322	3.305	3.377	VV	799	23750	0.19%	0.011%
7	3.388	3.377	3.415	VV	437	7893	0.06%	0.004%
8	3.424	3.415	3.451	VV	369	5579	0.05%	0.003%
9	3.460	3.451	3.485	VV	280	4061	0.03%	0.002%
10	3.494	3.485	3.541	VV	327	8076	0.07%	0.004%
11	3.550	3.541	3.599	VV	331	5529	0.05%	0.002%
12	3.635	3.599	3.655	VV	220	3873	0.03%	0.002%
13	3.675	3.655	3.760	VV	905	17877	0.15%	0.008%
14	3.797	3.760	3.858	VV	478	15270	0.12%	0.007%
15	3.874	3.858	3.953	VV	317	6682	0.05%	0.003%
16	3.979	3.953	4.006	VV	254	3705	0.03%	0.002%
17	4.016	4.006	4.062	VV	137	2219	0.02%	0.001%
18	4.073	4.062	4.079	VV	61	439	0.00%	0.000%
19	4.090	4.079	4.124	VV	142	1584	0.01%	0.001%
20	4.135	4.124	4.142	VV	100	588	0.00%	0.000%
21	4.170	4.142	4.293	PV	400	13167	0.11%	0.006%
22	4.315	4.293	4.348	VV	106	2217	0.02%	0.001%
23	4.357	4.348	4.381	VV	87	1031	0.01%	0.000%
24	4.388	4.381	4.398	VV	123	494	0.00%	0.000%
25	4.443	4.398	4.461	VV	532341	5217711	42.52%	2.354%
26	4.477	4.461	4.538	VV	406100	4351175	35.46%	1.963%
27	4.553	4.538	4.580	VV	5097	89726	0.73%	0.040%
28	4.599	4.580	4.708	VV	5162	135256	1.10%	0.061%
29	4.726	4.708	4.792	VV	857	32381	0.26%	0.015%
30	4.805	4.792	4.854	VV	537	15747	0.13%	0.007%
31	4.868	4.854	4.928	VV	396	14373	0.12%	0.006%
32	4.947	4.928	5.015	VV	443	13932	0.11%	0.006%
33	5.034	5.015	5.095	VV	220	7581	0.06%	0.003%
34	5.108	5.095	5.165	VV	295	6967	0.06%	0.003%
35	5.194	5.165	5.222	VV	192	4322	0.04%	0.002%
36	5.237	5.222	5.288	VV	156	4488	0.04%	0.002%

					retention	area	conc	conc
37	5.298	5.288	5.308	VV	122	1087	0.01%	0.000%
38	5.330	5.308	5.339	VV	157	1969	0.01%	0.000%
39	5.345	5.339	5.385	VV	134	2048	0.01%	0.000%
40	5.424	5.385	5.434	VV	167	3295	0.01%	0.000%
41	5.442	5.434	5.496	VV	179	3756	0.01%	0.000%
42	5.506	5.496	5.562	PV	83	2181	0.01%	0.000%
43	5.589	5.562	5.671	VV	1132	17397	0.14%	0.008%
44	5.709	5.671	5.738	PV	131	3386	0.03%	0.002%
45	5.761	5.738	5.821	VV	179	6190	0.05%	0.003%
46	5.838	5.821	5.866	VV	239	4238	0.03%	0.002%
47	5.875	5.866	5.907	VV	194	4242	0.03%	0.002%
48	5.934	5.907	5.965	VV	234	5471	0.04%	0.002%
49	5.975	5.965	6.051	VV	163	4332	0.04%	0.002%
50	6.057	6.051	6.098	VV	81	842	0.01%	0.000%
51	6.105	6.098	6.121	PV	58	558	0.00%	0.000%
52	6.156	6.121	6.315	PV	376874	4547029	37.05%	2.052%
53	6.333	6.315	6.468	VV	2083	105652	0.86%	0.048%
54	6.494	6.468	6.591	VV	733	40925	0.33%	0.018%
55	6.624	6.591	6.759	VV	551529	5809731	47.34%	2.621%
56	6.778	6.759	6.898	VV	1001	46351	0.38%	0.021%
57	6.910	6.898	6.930	VV	361	5365	0.04%	0.002%
58	6.949	6.930	6.975	VV	341	6830	0.06%	0.003%
59	6.986	6.975	7.003	VV	248	3233	0.03%	0.001%
60	7.044	7.003	7.081	VV	329	9897	0.08%	0.004%
61	7.089	7.081	7.138	VV	216	4204	0.03%	0.002%
62	7.166	7.138	7.224	VV	5953	102797	0.84%	0.046%
63	7.258	7.224	7.384	VV	360098	4390845	35.78%	1.981%
64	7.402	7.384	7.443	VV	2673	71440	0.58%	0.032%
65	7.467	7.443	7.525	VV	2002	74261	0.61%	0.034%
66	7.541	7.525	7.558	VV	1222	20623	0.17%	0.009%
67	7.574	7.558	7.613	VV	1957	36420	0.30%	0.016%
68	7.621	7.613	7.726	VV	641	26834	0.22%	0.012%
69	7.747	7.726	7.828	VV	557	12106	0.10%	0.005%
70	8.149	8.120	8.188	VV	2019	42814	0.35%	0.019%
71	8.205	8.188	8.261	VV	1244	27275	0.22%	0.012%
72	8.277	8.261	8.296	VV	448	8582	0.07%	0.004%
73	8.309	8.296	8.335	VV	454	8635	0.07%	0.004%
74	8.362	8.335	8.371	VV	648	9632	0.08%	0.004%
75	8.385	8.371	8.424	VV	860	20254	0.17%	0.009%
76	8.460	8.424	8.534	VV	578822	6176201	50.33%	2.787%
77	8.563	8.534	8.741	VV	436908	4932245	40.19%	2.225%
78	8.863	8.838	8.988	VV	455235	5165076	42.09%	2.330%
79	8.995	8.988	9.104	VV	2282	86966	0.71%	0.039%
80	9.113	9.104	9.141	VV	897	16482	0.13%	0.007%
81	9.193	9.141	9.260	VV	1250	55822	0.45%	0.025%
82	9.287	9.260	9.314	VV	2509	38834	0.32%	0.018%
83	9.327	9.314	9.401	VV	671	16353	0.13%	0.007%
84	9.437	9.401	9.461	VV	581	9909	0.08%	0.004%
85	9.477	9.461	9.502	VV	453	5745	0.05%	0.003%
86	9.545	9.502	9.558	PV	349	6747	0.05%	0.003%
87	9.581	9.558	9.605	VV	543	10126	0.08%	0.005%
88	9.656	9.605	9.798	VV	406990	5052862	41.17%	2.280%
89	9.809	9.798	9.830	VV	1984	33941	0.28%	0.015%

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90	9.847	9.830	9.860	VV	2838	38339	0.31%	0.017%
91	9.877	9.860	9.921	VV	4396	90725		
92	9.944	9.921	10.036	VV	39636	719439		
93	10.071	10.036	10.224	VV	599742	6875984	56	
94	10.239	10.224	10.318	VV	530	16659		
95	10.362	10.318	10.380	VV	208	5693		
96	10.412	10.380	10.443	VV	4326	64099	0.52%	0.029%
97	10.455	10.443	10.490	VV	1044	17969	0.15%	0.008%
98	10.514	10.490	10.530	VV	499	8884	0.07%	0.004%
99	10.552	10.530	10.577	VV	617	12898	0.11%	0.006%
100	10.599	10.577	10.643	VV	738	13304	0.11%	0.006%
101	10.669	10.643	10.677	VV	438	6255	0.05%	0.003%
102	10.692	10.677	10.716	VV	516	9651	0.08%	0.004%
103	10.735	10.716	10.769	VV	502	11254	0.09%	0.005%
104	10.812	10.769	10.850	VV	2718	47808	0.39%	0.022%
105	10.885	10.850	11.008	VV	3100	81018	0.66%	0.037%
106	11.067	11.008	11.117	PV	428808	5000893	40.75%	2.256%
107	11.145	11.117	11.300	VV	378023	5154559	42.00%	2.326%
108	11.318	11.300	11.363	VV	2487	50404	0.41%	0.023%
109	11.384	11.363	11.405	VV	677	15619	0.13%	0.007%
110	11.446	11.405	11.480	VV	1403	43957	0.36%	0.020%
111	11.519	11.480	11.581	VV	592804	7188803	58.58%	3.243%
112	11.605	11.581	11.653	VV	2067	47802	0.39%	0.022%
113	11.673	11.653	11.691	VV	540	9038	0.07%	0.004%
114	11.710	11.691	11.729	VV	469	7823	0.06%	0.004%
115	11.751	11.729	11.785	VV	393	9970	0.08%	0.004%
116	11.832	11.785	11.871	VV	476406	5399003	43.99%	2.436%
117	11.884	11.871	11.902	VV	3710	57465	0.47%	0.026%
118	11.918	11.902	11.964	VV	3375	76469	0.62%	0.035%
119	11.996	11.964	12.015	VV	3409	63042	0.51%	0.028%
120	12.029	12.015	12.046	VV	2551	38504	0.31%	0.017%
121	12.065	12.046	12.115	VV	2873	60268	0.49%	0.027%
122	12.120	12.115	12.146	VV	473	6433	0.05%	0.003%
123	12.187	12.146	12.220	VV	2801	42984	0.35%	0.019%
124	12.282	12.220	12.344	VV	646	23551	0.19%	0.011%
125	12.382	12.344	12.406	VV	812	17534	0.14%	0.008%
126	12.420	12.406	12.434	VV	323	4876	0.04%	0.002%
127	12.465	12.434	12.487	VV	646	13714	0.11%	0.006%
128	12.507	12.487	12.518	VV	704	10474	0.09%	0.005%
129	12.533	12.518	12.548	VV	739	11408	0.09%	0.005%
130	12.567	12.548	12.589	VV	657	12142	0.10%	0.005%
131	12.653	12.589	12.725	VV	2287	74123	0.60%	0.033%
132	12.778	12.725	12.795	VV	3825	71001	0.58%	0.032%
133	12.832	12.795	12.864	VV	621565	7547508	61.50%	3.405%
134	12.896	12.864	13.028	VV	399246	5194403	42.33%	2.344%
135	13.048	13.028	13.068	VV	1684	33684	0.27%	0.015%
136	13.087	13.068	13.135	VV	4399	80478	0.66%	0.036%
137	13.150	13.135	13.160	VV	1045	14011	0.11%	0.006%
138	13.194	13.160	13.241	VV	424601	5101631	41.57%	2.302%
139	13.275	13.241	13.370	VV	354249	4606747	37.54%	2.078%
140	13.382	13.370	13.408	VV	1540	29327	0.24%	0.013%
141	13.445	13.408	13.518	VV	580769	7260055	59.16%	3.276%

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Data							Instrument : FID_E	
Parameters							ClientSampleId : TP-13-MHP-WCMSD	
142	13.534	13.518	13.570	VV	1378	29997	0.24%	0.014%
143	13.596	13.570	13.606	VV	742	13689		
144	13.619	13.606	13.648	VV	877	18633		
145	13.669	13.648	13.735	VV	1823	51339		
							Manual IntegrationsAPPROVED	
146	13.805	13.735	13.845	VV	2726	94055		
147	13.870	13.845	13.890	VV	1722	31912		
148	13.912	13.890	13.928	VV	1344	24207	0.20%	0.011%
149	13.948	13.928	13.965	VV	2209	36746	0.30%	0.017%
150	13.981	13.965	13.995	VV	2094	31753	0.26%	0.014%
151	14.033	13.995	14.099	VV	554651	7209001	58.74%	3.253%
152	14.115	14.099	14.191	VV	2145	53651	0.44%	0.024%
153	14.211	14.191	14.235	VV	624	11533	0.09%	0.005%
154	14.255	14.235	14.339	VV	479	14951	0.12%	0.007%
155	14.393	14.339	14.419	PV	569	11520	0.09%	0.005%
156	14.468	14.419	14.479	VV	1355	24291	0.20%	0.011%
157	14.493	14.479	14.519	VV	1443	29274	0.24%	0.013%
158	14.530	14.519	14.557	VV	1088	18930	0.15%	0.009%
159	14.594	14.557	14.618	VV	2740	49263	0.40%	0.022%
160	14.638	14.618	14.691	VV	1052	31152	0.25%	0.014%
161	14.696	14.691	14.700	VV	452	2180	0.02%	0.001%
162	14.729	14.700	14.755	VV	1615	34421	0.28%	0.016%
163	14.777	14.755	14.821	VV	2521	55019	0.45%	0.025%
164	14.841	14.821	14.861	VV	832	14956	0.12%	0.007%
165	14.887	14.861	14.925	VV	1455	31302	0.26%	0.014%
166	14.936	14.925	14.954	VV	633	9184	0.07%	0.004%
167	14.974	14.954	15.026	VV	778	15351	0.13%	0.007%
168	15.084	15.026	15.105	PV	373238	4747519	38.69%	2.142%
169	15.133	15.105	15.238	VV	752509	12272070	100.00%	5.537%
170	15.246	15.238	15.283	VV	2863	57311	0.47%	0.026%
171	15.299	15.283	15.378	VV	1518	60813	0.50%	0.027%
172	15.396	15.378	15.420	VV	747	16640	0.14%	0.008%
173	15.443	15.420	15.457	VV	1055	19330	0.16%	0.009%
174	15.472	15.457	15.488	VV	1124	18511	0.15%	0.008%
175	15.554	15.488	15.635	VV	6602	286718	2.34%	0.129%
176	15.657	15.635	15.698	VV	4757	101355	0.83%	0.046%
177	15.721	15.698	15.751	VV	2413	38343	0.31%	0.017%
178	15.774	15.751	15.799	VV	2336	44725	0.36%	0.020%
179	15.813	15.799	15.849	VV	1356	29936	0.24%	0.014%
180	15.873	15.849	15.891	VV	782	16760	0.14%	0.008%
181	15.915	15.891	15.927	VV	1375	23286	0.19%	0.011%
182	15.946	15.927	16.006	VV	1437	42401	0.35%	0.019%
183	16.013	16.006	16.038	VV	455	8032	0.07%	0.004%
184	16.052	16.038	16.071	VV	393	5826	0.05%	0.003%
185	16.162	16.071	16.247	VV	531063	6954608	56.67%	3.138%
186	16.258	16.247	16.265	VV	240	2244	0.02%	0.001%
187	16.278	16.265	16.315	VV	282	4311	0.04%	0.002%
188	16.363	16.315	16.394	PV	724	16782	0.14%	0.008%
189	16.458	16.394	16.495	VV	857	26816	0.22%	0.012%
190	16.575	16.495	16.592	VV	988	32091	0.26%	0.014%
191	16.654	16.592	16.669	VV	369135	5087379	41.45%	2.295%
192	16.686	16.669	16.771	VV	398180	5445460	44.37%	2.457%
193	16.793	16.771	16.894	VV	3618	118860	0.97%	0.054%
194	16.929	16.894	16.955	VV	4660	83203	0.68%	0.038%

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195	16.980	16.955	17.004	VV	7638	111134	0.91%	0.050%
196	17.039	17.004	17.078	VV	356746	5112629	41.28%	3.102%
197	17.113	17.078	17.238	VV	495668	7136709	58.03%	4.509%
198	17.284	17.238	17.381	VV	1269	63419	0.02%	0.001%
199	17.417	17.381	17.426	VV	995	19660	0.01%	0.001%
200	17.441	17.426	17.495	VV	1115	25675	0.01%	0.001%
201	17.559	17.495	17.614	VV	3869	81179	0.66%	0.037%
202	17.649	17.614	17.682	PV	661	15109	0.12%	0.007%
203	17.713	17.682	17.745	VV	988	23650	0.19%	0.011%
204	17.756	17.745	17.801	VV	683	13485	0.11%	0.006%
205	17.846	17.801	17.858	PV	420	7470	0.06%	0.003%
206	17.890	17.858	17.921	VV	5653	78703	0.64%	0.036%
207	18.003	17.921	18.070	VV	484420	6876143	56.03%	3.102%
208	18.091	18.070	18.114	VV	1457	24987	0.20%	0.011%
209	18.136	18.114	18.155	VV	1199	20748	0.17%	0.009%
210	18.172	18.155	18.203	VV	887	19975	0.16%	0.009%
211	18.227	18.203	18.288	VV	999	26272	0.21%	0.012%
212	18.327	18.288	18.362	PV	2372	53395	0.44%	0.024%
213	18.426	18.362	18.439	VV	309354	4474171	36.46%	2.019%
214	18.455	18.439	18.645	VV	366686	6924537	56.43%	3.124%
215	18.681	18.645	18.793	VV	263864	5188649	42.28%	2.341%
216	18.836	18.793	18.912	VV	447766	6781882	55.26%	3.060%
217	18.930	18.912	18.960	VV	2757	67225	0.55%	0.030%
218	18.984	18.960	19.038	VV	1764	63894	0.52%	0.029%
219	19.047	19.038	19.066	VV	733	10624	0.09%	0.005%
220	19.147	19.066	19.165	VV	483	27653	0.23%	0.012%
221	19.229	19.165	19.298	VV	4480	156787	1.28%	0.071%
222	19.317	19.298	19.338	VV	1223	24129	0.20%	0.011%
223	19.427	19.338	19.469	VV	1468	51236	0.42%	0.023%
224	19.485	19.469	19.496	VV	218	2261	0.02%	0.001%
225	19.532	19.496	19.544	PV	223	3909	0.03%	0.002%
226	19.620	19.544	19.673	PV	371847	5514512	44.94%	2.488%
227	19.730	19.673	19.829	VV	4583	220166	1.79%	0.099%
228	19.899	19.829	19.929	VV	1614	66577	0.54%	0.030%
229	19.973	19.929	20.045	VV	2932	120677	0.98%	0.054%
230	20.063	20.045	20.070	VV	1132	16746	0.14%	0.008%
231	20.100	20.070	20.110	VV	1050	24232	0.20%	0.011%
232	20.360	20.110	20.448	VV	268408	4697330	38.28%	2.119%
233	20.456	20.448	20.463	VV	4063	38049	0.31%	0.017%
234	20.511	20.463	20.565	VV	10920	373886	3.05%	0.169%
235	20.714	20.565	20.736	VV	5641	466875	3.80%	0.211%
236	20.875	20.736	20.891	VV	6082	496605	4.05%	0.224%
237	21.087	20.891	21.225	VV	180309	4388220	35.76%	1.980%
238	21.239	21.225	21.261	VV	5608	119975	0.98%	0.054%
239	21.268	21.261	21.285	VV	5271	72944	0.59%	0.033%
240	21.502	21.285	21.545	VV	5001	757596	6.17%	0.342%
241	21.551	21.545	21.575	VV	4364	73986	0.60%	0.033%
242	21.663	21.575	21.681	VV	3769	246455	2.01%	0.111%
243	21.825	21.681	21.830	VV	3347	312174	2.54%	0.141%
244	21.975	21.830	22.118	VV	110673	3122307	25.44%	1.409%
245	22.175	22.118	22.268	VV	2693	179722	1.46%	0.081%
246	22.277	22.268	22.309	VV	1082	23087	0.19%	0.010%

Instrument :

FID_E

ClientSampleId :

TP-13-MHP-WCMSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/11/2025

Supervised By :mohammad ahmed 06/12/2025

Peak No.	Retention Time (min)	Area	Height	Width	Integration	Area%	Height%
247	22.316	22.309	22.363	VV	636	14600	0.12%
248	22.375	22.363	22.385	VV	172	1676	0.007%
Sum of corrected areas:					2216		

Aliphatic EPH 061025.M Wed Jun 11 03:48:45 2025

Instrument :
FID_E
ClientSampleId :
TP-13-MHP-WCMSD
0.12% 0.007%

Manual IntegrationsAPPROVED
Reviewed By :Yogesh Patel 06/11/2025
Supervised By :mohammad ahmed 06/12/2025