

rteres

Instrument :

FID_E

ClientSampleId :

TP-8MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06162
Data File : FE054429.D
Signal(s) : FID1B.ch
Acq On : 17 Jun 2025 04:19
Sample : Q2325-01MSD
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	2.872	2.821	2.926	BV	9486	105397	1.00%	0.052%
2	2.954	2.926	2.973	PV	1120	15164	0.14%	0.007%
3	2.983	2.973	2.998	VV	411	3788	0.04%	0.002%
4	3.015	2.998	3.119	PV	1176	24783	0.24%	0.012%
5	3.125	3.119	3.143	VV	91	882	0.01%	0.000%
6	3.175	3.143	3.278	PV	290569	3063946	29.06%	1.504%
7	3.296	3.278	3.307	VV	1050	14511	0.14%	0.007%
8	3.315	3.307	3.337	VV	897	12698	0.12%	0.006%
9	3.367	3.337	3.465	VV	14784	179937	1.71%	0.088%
10	3.488	3.465	3.506	VV	688	10412	0.10%	0.005%
11	3.517	3.506	3.538	VV	396	5217	0.05%	0.003%
12	3.548	3.538	3.558	VV	380	3491	0.03%	0.002%
13	3.581	3.558	3.608	VV	551	10299	0.10%	0.005%
14	3.628	3.608	3.643	VV	1070	14374	0.14%	0.007%
15	3.664	3.643	3.744	VV	9092	134176	1.27%	0.066%
16	3.784	3.744	3.837	VV	6256	114469	1.09%	0.056%
17	3.860	3.837	3.953	VV	34877	430960	4.09%	0.211%
18	3.974	3.953	3.996	VV	1628	26617	0.25%	0.013%
19	4.009	3.996	4.068	VV	865	19689	0.19%	0.010%
20	4.084	4.068	4.128	VV	434	9054	0.09%	0.004%
21	4.164	4.128	4.200	VV	5064	93322	0.89%	0.046%
22	4.214	4.200	4.287	VV	1561	35361	0.34%	0.017%
23	4.312	4.287	4.357	VV	701	13879	0.13%	0.007%
24	4.373	4.357	4.406	VV	280	5798	0.05%	0.003%
25	4.438	4.406	4.455	VV	331753	3331066	31.59%	1.635%
26	4.472	4.455	4.534	VV	375012	4022526	38.15%	1.974%
27	4.548	4.534	4.574	VV	4823	79651	0.76%	0.039%
28	4.594	4.574	4.650	VV	6796	123642	1.17%	0.061%
29	4.673	4.650	4.714	VV	2531	59183	0.56%	0.029%
30	4.722	4.714	4.788	VV	1066	32468	0.31%	0.016%
31	4.798	4.788	4.827	VV	568	10517	0.10%	0.005%
32	4.866	4.827	4.890	VV	538	17215	0.16%	0.008%
33	4.903	4.890	4.928	VV	453	9126	0.09%	0.004%
34	4.945	4.928	5.011	VV	784	18817	0.18%	0.009%
35	5.023	5.011	5.038	VV	343	3575	0.03%	0.002%
36	5.058	5.038	5.091	VV	209	5068	0.05%	0.002%

					retention				
37	5.115	5.091	5.133	VV	381	6926	0.07%	0.003%	
38	5.150	5.133	5.183	VV	376	9231			
39	5.197	5.183	5.224	VV	369	6091			
40	5.232	5.224	5.254	VV	271	3401			
41	5.260	5.254	5.381	VV	198	6337			
42	5.439	5.381	5.511	VV	344	11893			
43	5.518	5.511	5.560	VV	129	1768	0.02%	0.001%	
44	5.585	5.560	5.632	VV	1315	21454	0.20%	0.011%	
45	5.641	5.632	5.673	VV	237	2923	0.03%	0.001%	
46	5.695	5.673	5.718	PV	102	1568	0.01%	0.001%	
47	5.741	5.718	5.801	VV	268	7326	0.07%	0.004%	
48	5.833	5.801	5.881	VV	218	6991	0.07%	0.003%	
49	5.887	5.881	5.913	VV	211	3473	0.03%	0.002%	
50	5.931	5.913	5.974	VV	267	6061	0.06%	0.003%	
51	5.980	5.974	6.048	VV	131	2890	0.03%	0.001%	
52	6.102	6.048	6.123	VV	133	3543	0.03%	0.002%	
53	6.152	6.123	6.444	PV	359490	4496075	42.64%	2.206%	
54	6.453	6.444	6.574	VV	924	49652	0.47%	0.024%	
55	6.619	6.574	6.758	VV	357782	3817528	36.20%	1.873%	
56	6.774	6.758	6.856	VV	883	33160	0.31%	0.016%	
57	6.881	6.856	6.927	VV	463	13597	0.13%	0.007%	
58	6.938	6.927	6.975	VV	259	5994	0.06%	0.003%	
59	6.985	6.975	6.998	VV	199	2186	0.02%	0.001%	
60	7.025	6.998	7.044	VV	202	4669	0.04%	0.002%	
61	7.063	7.044	7.125	VV	201	6153	0.06%	0.003%	
62	7.162	7.125	7.220	PV	5871	101509	0.96%	0.050%	
63	7.254	7.220	7.384	VV	348311	4302855	40.81%	2.112%	
64	7.398	7.384	7.441	VV	2730	73839	0.70%	0.036%	
65	7.462	7.441	7.523	VV	2104	77968	0.74%	0.038%	
66	7.537	7.523	7.553	VV	1300	20598	0.20%	0.010%	
67	7.569	7.553	7.614	VV	1683	35993	0.34%	0.018%	
68	7.623	7.614	7.728	VV	617	26773	0.25%	0.013%	
69	7.742	7.728	7.774	VV	550	9005	0.09%	0.004%	
70	7.786	7.774	7.812	VV	215	2941	0.03%	0.001%	
71	8.144	8.121	8.184	VV	1619	35178	0.33%	0.017%	
72	8.201	8.184	8.247	VV	959	20572	0.20%	0.010%	
73	8.273	8.247	8.292	VV	436	9177	0.09%	0.005%	
74	8.309	8.292	8.334	VV	382	7196	0.07%	0.004%	
75	8.355	8.334	8.398	VV	516	12575	0.12%	0.006%	
76	8.455	8.398	8.531	VV	387077	4199203	39.82%	2.061%	
77	8.558	8.531	8.738	VV	439233	5018635	47.59%	2.463%	
78	8.858	8.830	8.988	VV	459003	5294420	50.21%	2.598%	
79	8.991	8.988	9.064	VV	2432	68482	0.65%	0.034%	
80	9.143	9.134	9.156	VV	757	9717	0.09%	0.005%	
81	9.193	9.156	9.258	VV	1264	48557	0.46%	0.024%	
82	9.283	9.258	9.310	VV	1433	24676	0.23%	0.012%	
83	9.320	9.310	9.391	VV	461	13065	0.12%	0.006%	
84	9.409	9.391	9.419	VV	216	2382	0.02%	0.001%	
85	9.434	9.419	9.449	VV	199	2771	0.03%	0.001%	
86	9.478	9.449	9.494	VV	233	4371	0.04%	0.002%	
87	9.582	9.494	9.604	VV	351	9228	0.09%	0.005%	
88	9.652	9.604	9.824	PV	425202	5333901	50.58%	2.618%	
89	9.842	9.824	9.855	VV	2258	33294	0.32%	0.016%	

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90	9.874	9.855	9.918	VV	4535	95327	0.90%	0.047%
91	9.944	9.918	10.034	VV	19599	436240		
92	10.066	10.034	10.218	VV	409395	4748062	45.42%	2.417%
93	10.232	10.218	10.292	VV	634	20625	0.06%	0.003%
94	10.298	10.292	10.320	VV	336	5068	0.03%	0.002%
95	10.408	10.320	10.438	VV	4193	75347	0.04%	0.003%
96	10.451	10.438	10.481	VV	1531	26863	0.25%	0.013%
97	10.504	10.481	10.528	VV	583	15085	0.14%	0.007%
98	10.543	10.528	10.573	VV	621	13360	0.13%	0.007%
99	10.599	10.573	10.638	VV	631	13434	0.13%	0.007%
100	10.733	10.638	10.758	VV	677	33422	0.32%	0.016%
101	10.807	10.758	10.843	VV	1620	43980	0.42%	0.022%
102	10.879	10.843	10.983	VV	4792	128210	1.22%	0.063%
103	11.002	10.983	11.010	VV	524	7343	0.07%	0.004%
104	11.063	11.010	11.114	VV	431623	5261901	49.90%	2.582%
105	11.141	11.114	11.297	VV	400599	5570094	52.82%	2.734%
106	11.313	11.297	11.361	VV	3033	80723	0.77%	0.040%
107	11.368	11.361	11.398	VV	1523	31286	0.30%	0.015%
108	11.440	11.398	11.471	VV	2125	72672	0.69%	0.036%
109	11.513	11.471	11.574	VV	417694	4925137	46.71%	2.417%
110	11.600	11.574	11.648	VV	3833	91913	0.87%	0.045%
111	11.667	11.648	11.685	VV	1299	24194	0.23%	0.012%
112	11.705	11.685	11.728	VV	1354	28925	0.27%	0.014%
113	11.754	11.728	11.777	VV	1374	33679	0.32%	0.017%
114	11.826	11.777	11.928	VV	373131	4331857	41.08%	2.126%
115	11.964	11.928	11.984	VV	2276	69942	0.66%	0.034%
116	11.995	11.984	12.044	VV	2230	66117	0.63%	0.032%
117	12.062	12.044	12.101	VV	1613	47226	0.45%	0.023%
118	12.119	12.101	12.136	VV	1506	27171	0.26%	0.013%
119	12.182	12.136	12.250	VV	2584	109735	1.04%	0.054%
120	12.278	12.250	12.357	VV	1514	74430	0.71%	0.037%
121	12.382	12.357	12.416	VV	1198	36944	0.35%	0.018%
122	12.461	12.416	12.503	VV	1416	64858	0.62%	0.032%
123	12.532	12.503	12.554	VV	1730	44980	0.43%	0.022%
124	12.570	12.554	12.588	VV	1524	28383	0.27%	0.014%
125	12.604	12.588	12.619	VV	1291	22387	0.21%	0.011%
126	12.647	12.619	12.717	VV	2421	83306	0.79%	0.041%
127	12.748	12.717	12.788	VV	2087	65129	0.62%	0.032%
128	12.827	12.788	12.860	VV	421441	5112995	48.49%	2.509%
129	12.892	12.860	13.061	VV	422921	5499789	52.16%	2.699%
130	13.084	13.061	13.134	VV	4283	100986	0.96%	0.050%
131	13.147	13.134	13.157	VV	1304	16640	0.16%	0.008%
132	13.191	13.157	13.238	VV	443732	5315835	50.41%	2.609%
133	13.271	13.238	13.367	VV	268554	3577363	33.93%	1.756%
134	13.377	13.367	13.401	VV	1926	35661	0.34%	0.018%
135	13.439	13.401	13.558	VV	408001	4968071	47.12%	2.438%
136	13.573	13.558	13.586	VV	985	16700	0.16%	0.008%
137	13.600	13.586	13.622	VV	982	18693	0.18%	0.009%
138	13.659	13.622	13.689	VV	1413	40948	0.39%	0.020%
139	13.711	13.689	13.730	VV	1008	21523	0.20%	0.011%
140	13.749	13.730	13.765	VV	863	15640	0.15%	0.008%
141	13.816	13.765	13.836	VV	1168	36279	0.34%	0.018%

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142	13.867	13.836	13.924	VV	1749	59329	0.56%	0.029%	
143	13.940	13.924	13.953	VV	917	14708			
144	13.978	13.953	13.990	VV	1933	30588			
145	14.027	13.990	14.108	VV	386266	4865967	46		
146	14.141	14.108	14.187	VV	1508	41436			
147	14.208	14.187	14.228	VV	1098	20170			
148	14.256	14.228	14.306	VV	878	32815	0.31%	0.016%	
149	14.323	14.306	14.359	VV	646	16314	0.15%	0.008%	
150	14.388	14.359	14.399	VV	821	14799	0.14%	0.007%	
151	14.403	14.399	14.419	VV	774	8155	0.08%	0.004%	
152	14.459	14.419	14.476	VV	1461	35954	0.34%	0.018%	
153	14.486	14.476	14.509	VV	1252	21508	0.20%	0.011%	
154	14.527	14.509	14.563	VV	1025	24531	0.23%	0.012%	
155	14.588	14.563	14.611	VV	2646	40524	0.38%	0.020%	
156	14.645	14.611	14.674	VV	1007	28969	0.27%	0.014%	
157	14.684	14.674	14.724	VV	728	20134	0.19%	0.010%	
158	14.733	14.724	14.761	VV	634	11012	0.10%	0.005%	
159	14.813	14.761	14.826	VV	631	19104	0.18%	0.009%	
160	14.839	14.826	14.859	VV	638	10400	0.10%	0.005%	
161	14.880	14.859	14.923	VV	723	16168	0.15%	0.008%	
162	14.936	14.923	14.952	VV	275	3905	0.04%	0.002%	
163	14.977	14.952	15.041	VV	455	16950	0.16%	0.008%	
164	15.081	15.041	15.102	VV	401038	5045399	47.85%	2.476%	
165	15.128	15.102	15.421	VV	704089	10544479	100.00%	5.175%	
166	15.428	15.421	15.434	VV	447	3531	0.03%	0.002%	
167	15.449	15.434	15.479	VV	440	10261	0.10%	0.005%	
168	15.538	15.479	15.624	VV	6851	259471	2.46%	0.127%	
169	15.651	15.624	15.687	VV	3999	73123	0.69%	0.036%	
170	15.714	15.687	15.754	VV	3865	58385	0.55%	0.029%	
171	15.773	15.754	15.809	VV	329	6537	0.06%	0.003%	
172	15.828	15.809	15.857	VV	164	2759	0.03%	0.001%	
173	15.869	15.857	15.874	VV	202	907	0.01%	0.000%	
174	15.909	15.874	15.928	VV	204	3708	0.04%	0.002%	
175	15.973	15.928	16.004	PV	284	5762	0.05%	0.003%	
176	16.029	16.004	16.038	VV	190	2713	0.03%	0.001%	
177	16.070	16.038	16.088	VV	339	6904	0.07%	0.003%	
178	16.155	16.088	16.202	VV	358879	4680614	44.39%	2.297%	
179	16.216	16.202	16.264	VV	681	13045	0.12%	0.006%	
180	16.284	16.264	16.305	VV	320	3844	0.04%	0.002%	
181	16.351	16.305	16.387	PV	405	11593	0.11%	0.006%	
182	16.409	16.387	16.418	VV	172	2296	0.02%	0.001%	
183	16.443	16.418	16.499	VV	521	13045	0.12%	0.006%	
184	16.512	16.499	16.524	VV	92	859	0.01%	0.000%	
185	16.651	16.524	16.667	PV	377365	5454386	51.73%	2.677%	
186	16.684	16.667	16.891	VV	448238	6292713	59.68%	3.088%	
187	16.919	16.891	16.960	VV	2153	50547	0.48%	0.025%	
188	16.982	16.960	16.999	VV	967	16534	0.16%	0.008%	
189	17.036	16.999	17.075	VV	377534	5516067	52.31%	2.707%	
190	17.106	17.075	17.168	VV	344182	4904726	46.51%	2.407%	
191	17.181	17.168	17.301	VV	3851	108657	1.03%	0.053%	
192	17.339	17.301	17.370	VV	464	12792	0.12%	0.006%	
193	17.437	17.370	17.466	VV	642	17783	0.17%	0.009%	
194	17.512	17.466	17.527	VV	1519	34218	0.32%	0.017%	

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195	17.554	17.527	17.610	VV	5436	95937	0.91%	0.047%
196	17.645	17.610	17.690	VV	592	16425	0.00%	0.000%
197	17.755	17.690	17.804	VV	495	16490	0.00%	0.000%
198	17.812	17.804	17.824	PV	220	1271	0.00%	0.000%
199	17.884	17.824	17.921	VV	3722	61777	0.00%	0.000%
200	17.996	17.921	18.051	VV	329891	4637511	43.20%	2.437%
201	18.086	18.051	18.105	VV	1910	37827	0.36%	0.019%
202	18.131	18.105	18.147	VV	1599	30042	0.28%	0.015%
203	18.160	18.147	18.178	VV	1063	17133	0.16%	0.008%
204	18.189	18.178	18.207	VV	750	11274	0.11%	0.006%
205	18.225	18.207	18.248	VV	595	9196	0.09%	0.005%
206	18.316	18.248	18.351	PV	1863	34583	0.33%	0.017%
207	18.425	18.351	18.437	PV	320680	4660818	44.20%	2.287%
208	18.453	18.437	18.639	VV	390612	7736930	73.37%	3.797%
209	18.679	18.639	18.788	VV	277082	5558564	52.72%	2.728%
210	18.828	18.788	18.906	VV	321771	4965783	47.09%	2.437%
211	18.926	18.906	18.955	VV	3588	88109	0.84%	0.043%
212	18.975	18.955	18.987	VV	2322	43066	0.41%	0.021%
213	19.012	18.987	19.072	VV	4163	90087	0.85%	0.044%
214	19.099	19.072	19.111	VV	516	9323	0.09%	0.005%
215	19.135	19.111	19.150	VV	578	9896	0.09%	0.005%
216	19.224	19.150	19.277	VV	5062	197530	1.87%	0.097%
217	19.302	19.277	19.324	VV	2292	52265	0.50%	0.026%
218	19.348	19.324	19.406	VV	3755	88158	0.84%	0.043%
219	19.469	19.406	19.508	VV	2557	64020	0.61%	0.031%
220	19.521	19.508	19.554	VV	832	12576	0.12%	0.006%
221	19.613	19.554	19.663	PV	321265	4719281	44.76%	2.316%
222	19.681	19.663	19.694	VV	2897	49651	0.47%	0.024%
223	19.723	19.694	19.774	VV	5740	186101	1.76%	0.091%
224	19.800	19.774	19.814	VV	3955	85896	0.81%	0.042%
225	19.833	19.814	19.883	VV	4132	122701	1.16%	0.060%
226	19.897	19.883	19.922	VV	1662	33517	0.32%	0.016%
227	19.968	19.922	20.005	VV	2902	103649	0.98%	0.051%
228	20.024	20.005	20.048	VV	1996	48146	0.46%	0.024%
229	20.265	20.048	20.282	VV	6113	438740	4.16%	0.215%
230	20.355	20.282	20.440	VV	301782	5343930	50.68%	2.623%
231	20.499	20.440	20.538	VV	9624	466500	4.42%	0.229%
232	20.711	20.538	20.728	VV	10034	943905	8.95%	0.463%
233	21.082	20.728	21.226	VV	268492	8040020	76.25%	3.946%
234	21.235	21.226	21.294	VV	10914	427640	4.06%	0.210%
235	21.386	21.294	21.410	VV	9429	664975	6.31%	0.326%
236	21.495	21.410	21.534	VV	9094	651606	6.18%	0.320%
237	21.617	21.534	21.642	VV	7546	494389	4.69%	0.243%
238	21.742	21.642	21.761	VV	6650	487667	4.62%	0.239%
239	21.796	21.761	21.834	VV	6222	266519	2.53%	0.131%
240	21.970	21.834	22.141	VV	187606	5760470	54.63%	2.827%
241	22.165	22.141	22.418	VV	4268	354887	3.37%	0.174%
Sum of corrected areas:							203771212	