

rteres

Instrument :

FID_E

ClientSampleId :

9EPH-CDL

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE10012
Data File : FE056129.D
Signal(s) : FID1B.ch
Acq On : 01 Oct 2025 14:33
Sample : Q3253-04DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/01/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.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	2.828	2.804	2.908	BH	81	423	0.01%	0.001%
2	2.927	2.908	3.001	PH	5	-3476	-0.11%	-0.005%
3	3.005	3.001	3.020	PH	-55	-957	-0.03%	-0.001%
4	3.028	3.020	3.061	PH	-34	-2173	-0.07%	-0.003%
5	3.070	3.061	3.081	PH	-104	-1482	-0.04%	-0.002%
6	3.090	3.081	3.110	PH	-143	-2683	-0.08%	-0.003%
7	3.221	3.110	3.243	PH	16	-5452	-0.16%	-0.007%
8	3.293	3.243	3.340	PH	111	2894	0.09%	0.004%
9	3.402	3.340	3.458	PH	77	2220	0.07%	0.003%
10	3.471	3.458	3.484	HH	66	449	0.01%	0.001%
11	3.489	3.484	3.496	HH	62	216	0.01%	0.000%
12	3.507	3.496	3.525	PH	125	623	0.02%	0.001%
13	3.570	3.525	3.650	PH	134	6222	0.19%	0.008%
14	3.663	3.650	3.728	HH	190	4701	0.14%	0.006%
15	3.760	3.728	3.804	PH	330	7219	0.22%	0.009%
16	3.813	3.804	3.828	HH	115	921	0.03%	0.001%
17	3.845	3.828	3.864	HH	111	1868	0.06%	0.002%
18	3.884	3.864	3.918	HH	394	5406	0.16%	0.007%
19	3.927	3.918	3.966	HH	139	2444	0.07%	0.003%
20	4.002	3.966	4.078	HH	261	4817	0.15%	0.006%
21	4.097	4.078	4.138	PH	74	537	0.02%	0.001%
22	4.155	4.138	4.210	PH	21	-5	-0.00%	-0.000%
23	4.224	4.210	4.240	PH	73	796	0.02%	0.001%
24	4.253	4.240	4.274	PH	57	651	0.02%	0.001%
25	4.282	4.274	4.311	PH	65	438	0.01%	0.001%
26	4.314	4.311	4.324	PH	33	51	0.00%	0.000%
27	4.338	4.324	4.380	PH	82	700	0.02%	0.001%
28	4.395	4.380	4.454	PH	95	2897	0.09%	0.004%
29	4.481	4.454	4.518	HH	164	3501	0.11%	0.005%
30	4.545	4.518	4.574	HH	142	3485	0.11%	0.005%
31	4.587	4.574	4.598	HH	115	1391	0.04%	0.002%
32	4.608	4.598	4.626	HH	155	1626	0.05%	0.002%
33	4.632	4.626	4.679	HH	107	2672	0.08%	0.003%
34	4.687	4.679	4.771	HH	129	4290	0.13%	0.006%
35	4.790	4.771	4.831	PH	231	2874	0.09%	0.004%
36	4.849	4.831	4.854	PH	66	387	0.01%	0.001%

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37	4.872	4.854	4.948	HH	94	3135	0.09%	0.004%
38	4.968	4.948	5.008	HH	150	3827		
39	5.033	5.008	5.043	HH	127	2077		
40	5.053	5.043	5.095	HH	140	2738		
41	5.120	5.095	5.245	HH	140	3401		
42	5.258	5.245	5.271	PH	-19	-546	-0.04%	-0.002%
43	5.277	5.271	5.317	PH	22	-1284	-0.11%	-0.005%
44	5.333	5.317	5.409	PH	20	-3625	-0.05%	-0.002%
45	5.439	5.409	5.451	PH	-46	-1758		
46	5.472	5.451	5.539	PH	-46	-4521	-0.14%	-0.006%
47	5.550	5.539	5.594	PH	-71	-4005	-0.12%	-0.005%
48	5.617	5.594	5.659	PH	-7	-2273	-0.07%	-0.003%
49	5.694	5.659	5.728	PH	-34	-3077	-0.09%	-0.004%
50	5.736	5.728	5.754	PH	-3	-1134	-0.03%	-0.001%
51	5.774	5.754	5.792	PH	-38	-1421	-0.04%	-0.002%
52	5.811	5.792	5.844	PH	18	-1554	-0.05%	-0.002%
53	5.855	5.844	5.864	PH	-13	-648	-0.02%	-0.001%
54	5.871	5.864	5.891	PH	-17	-568	-0.02%	-0.001%
55	5.923	5.891	5.961	PH	1	-1314	-0.04%	-0.002%
56	5.989	5.961	6.037	PH	13	-1363	-0.04%	-0.002%
57	6.064	6.037	6.091	PH	42	-945	-0.03%	-0.001%
58	6.102	6.091	6.168	PH	4	-2907	-0.09%	-0.004%
59	6.175	6.168	6.184	PH	-55	-712	-0.02%	-0.001%
60	6.202	6.184	6.244	PH	-17	-1427	-0.04%	-0.002%
61	6.395	6.244	6.423	PH	182	1707	0.05%	0.002%
62	6.487	6.423	6.523	HH	149	6128	0.19%	0.008%
63	6.549	6.523	6.577	HH	227	4443	0.13%	0.006%
64	6.621	6.577	6.662	HH	216	7053	0.21%	0.009%
65	6.670	6.662	6.681	HH	179	1626	0.05%	0.002%
66	6.688	6.681	6.720	HH	155	2476	0.07%	0.003%
67	6.789	6.720	6.821	HH	173	6777	0.21%	0.009%
68	6.827	6.821	6.886	HH	165	3125	0.09%	0.004%
69	6.895	6.886	6.907	HH	114	677	0.02%	0.001%
70	6.926	6.907	6.961	PH	120	1853	0.06%	0.002%
71	6.971	6.961	6.983	HH	101	506	0.02%	0.001%
72	6.995	6.983	7.034	PH	123	1049	0.03%	0.001%
73	7.047	7.034	7.084	PH	39	-287	-0.01%	-0.000%
74	7.125	7.084	7.150	PH	70	-183	-0.01%	-0.000%
75	7.169	7.150	7.235	PH	102	1324	0.04%	0.002%
76	7.381	7.235	7.401	PH	263	10552	0.32%	0.014%
77	7.421	7.401	7.488	HH	323	12412	0.38%	0.016%
78	7.494	7.488	7.511	HH	285	3320	0.10%	0.004%
79	7.522	7.511	7.549	HH	318	5991	0.18%	0.008%
80	7.568	7.549	7.606	HH	410	9426	0.29%	0.012%
81	7.622	7.606	7.644	HH	247	4894	0.15%	0.006%
82	7.670	7.644	7.682	HH	451	6848	0.21%	0.009%
83	7.689	7.682	7.725	HH	343	8292	0.25%	0.011%
84	7.780	7.725	7.862	HH	530	31722	0.96%	0.041%
85	7.872	7.862	7.891	HH	300	5039	0.15%	0.007%
86	7.896	7.891	7.904	HH	297	2229	0.07%	0.003%
87	7.975	7.904	8.022	HH	566	27232	0.82%	0.035%
88	8.029	8.022	8.041	HH	364	3583	0.11%	0.005%
89	8.056	8.041	8.063	HH	444	4607	0.14%	0.006%

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90	8.233	8.218	8.303	HH	1540	62429	1.89%	0.081%
91	8.314	8.303	8.340	HH	1009	20592		
92	8.372	8.340	8.383	HH	1016	24245		
93	8.387	8.383	8.397	HH	985	8580		
94	8.418	8.397	8.453	HH	1398	35420		
95	8.497	8.453	8.515	HH	1720	42328		
96	8.527	8.515	8.541	HH	1202	18339	0.55%	0.024%
97	8.586	8.541	8.634	HH	1570	76982	2.33%	0.100%
98	8.680	8.634	8.714	HH	2054	80299	2.43%	0.105%
99	8.726	8.714	8.741	HH	1530	22542	0.68%	0.029%
100	8.850	8.741	8.887	HH	3707	156489	4.74%	0.204%
101	8.907	8.887	8.925	HH	2039	39252	1.19%	0.051%
102	8.936	8.925	8.941	HH	1758	16381	0.50%	0.021%
103	9.080	9.064	9.125	HH	4489	135878	4.11%	0.177%
104	9.150	9.125	9.197	HH	6405	196625	5.95%	0.256%
105	9.219	9.197	9.245	HH	6570	135351	4.10%	0.176%
106	9.262	9.245	9.283	HH	3211	68187	2.06%	0.089%
107	9.319	9.283	9.329	HH	3332	85535	2.59%	0.111%
108	9.349	9.329	9.361	HH	3798	69262	2.10%	0.090%
109	9.372	9.361	9.388	HH	3755	57803	1.75%	0.075%
110	9.437	9.388	9.469	HH	4504	193827	5.87%	0.253%
111	9.484	9.469	9.495	HH	4273	63434	1.92%	0.083%
112	9.509	9.495	9.538	HH	4352	103279	3.13%	0.135%
113	9.558	9.538	9.573	HH	4392	84434	2.55%	0.110%
114	9.590	9.573	9.631	HH	4361	138682	4.20%	0.181%
115	9.672	9.631	9.699	HH	4195	162641	4.92%	0.212%
116	9.725	9.699	9.734	HH	4643	90595	2.74%	0.118%
117	9.747	9.734	9.778	HH	4870	120371	3.64%	0.157%
118	9.831	9.778	9.858	HH	6457	255590	7.73%	0.333%
119	9.888	9.858	9.897	HH	7365	139076	4.21%	0.181%
120	9.913	9.897	9.944	HH	9650	199214	6.03%	0.260%
121	9.969	9.944	10.011	HH	8109	267253	8.09%	0.348%
122	10.022	10.011	10.027	HH	6072	58826	1.78%	0.077%
123	10.049	10.027	10.065	HH	7189	147746	4.47%	0.193%
124	10.075	10.065	10.104	HH	6548	148128	4.48%	0.193%
125	10.134	10.104	10.154	HH	6850	195310	5.91%	0.254%
126	10.174	10.154	10.192	HH	8848	178587	5.40%	0.233%
127	10.210	10.192	10.227	HH	8321	163976	4.96%	0.214%
128	10.253	10.227	10.282	HH	8465	263389	7.97%	0.343%
129	10.299	10.282	10.338	HH	8911	279276	8.45%	0.364%
130	10.354	10.338	10.368	HH	8654	149377	4.52%	0.195%
131	10.401	10.368	10.441	HH	9012	375047	11.35%	0.489%
132	10.472	10.441	10.491	HH	9498	263183	7.96%	0.343%
133	10.536	10.491	10.554	HH	9650	348641	10.55%	0.454%
134	10.573	10.554	10.592	HH	10387	225710	6.83%	0.294%
135	10.646	10.592	10.657	HH	11466	413000	12.50%	0.538%
136	10.685	10.657	10.712	HH	24684	541190	16.38%	0.705%
137	10.749	10.712	10.802	HH	14386	717864	21.72%	0.935%
138	10.835	10.802	10.864	HH	14516	486197	14.71%	0.633%
139	10.888	10.864	10.904	HH	13284	311407	9.42%	0.406%
140	10.962	10.904	10.996	HH	16175	797473	24.13%	1.039%
141	11.038	10.996	11.053	HH	18111	544568	16.48%	0.710%

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142	11.067	11.053	11.081	HH	17596	285242	8.63%	0.372%	
143	11.109	11.081	11.137	HH	57325	1109277	38.63%	0.372%	
144	11.154	11.137	11.191	HH	19956	595542	18.63%	0.372%	
145	11.241	11.191	11.262	HH	18959	743735	22.63%	0.372%	
146	11.291	11.262	11.304	HH	19497	477205	14.63%	0.372%	
147	11.319	11.304	11.337	HH	20339	380064	11.63%	0.372%	
148	11.374	11.337	11.403	HH	21649	804095	24.33%	1.048%	
149	11.433	11.403	11.459	HH	25874	771411	23.34%	1.005%	
150	11.467	11.459	11.497	HH	21564	476981	14.43%	0.621%	
151	11.523	11.497	11.538	HH	24595	567243	17.16%	0.739%	
152	11.547	11.538	11.560	HH	23228	295015	8.93%	0.384%	
153	11.600	11.560	11.621	HH	24618	873625	26.44%	1.138%	
154	11.635	11.621	11.657	HH	23639	505706	15.30%	0.659%	
155	11.678	11.657	11.694	HH	25742	549997	16.64%	0.717%	
156	11.740	11.694	11.759	HH	28227	1025267	31.02%	1.336%	
157	11.772	11.759	11.788	HH	25981	443830	13.43%	0.578%	
158	11.834	11.788	11.881	HH	58873	1904969	57.64%	2.482%	
159	11.899	11.881	11.924	HH	27452	684155	20.70%	0.891%	
160	11.944	11.924	11.968	HH	27408	683836	20.69%	0.891%	
161	12.068	11.968	12.096	HH	133630	3304729	100.00%	4.306%	
162	12.115	12.096	12.134	HH	30533	682454	20.65%	0.889%	
163	12.146	12.134	12.168	HH	31617	604691	18.30%	0.788%	
164	12.260	12.168	12.281	HH	33514	2097260	63.46%	2.733%	
165	12.297	12.281	12.313	HH	32714	612026	18.52%	0.797%	
166	12.327	12.313	12.345	HH	32332	597719	18.09%	0.779%	
167	12.395	12.345	12.470	HH	45967	2596038	78.56%	3.382%	
168	12.494	12.470	12.505	HH	31713	648859	19.63%	0.845%	
169	12.524	12.505	12.592	HH	34473	1694399	51.27%	2.208%	
170	12.615	12.592	12.647	HH	32172	1028594	31.12%	1.340%	
171	12.687	12.647	12.718	HH	33355	1385486	41.92%	1.805%	
172	12.731	12.718	12.751	HH	32669	636816	19.27%	0.830%	
173	12.778	12.751	12.798	HH	32083	882847	26.71%	1.150%	
174	12.802	12.798	12.814	HH	32072	316399	9.57%	0.412%	
175	12.831	12.814	12.841	HH	32827	518991	15.70%	0.676%	
176	12.850	12.841	12.871	HH	32207	553562	16.75%	0.721%	
177	12.918	12.871	12.957	HH	33365	1626598	49.22%	2.119%	
178	12.978	12.957	13.001	HV	36071	882936	26.72%	1.150%	
179	13.024	13.001	13.035	VV	32153	640162	19.37%	0.834%	
180	13.056	13.035	13.104	VV	36488	1323780	40.06%	1.725%	
181	13.117	13.104	13.142	VV	30863	693286	20.98%	0.903%	
182	13.153	13.142	13.164	VV	30243	389687	11.79%	0.508%	
183	13.178	13.164	13.188	VV	30421	428657	12.97%	0.559%	
184	13.203	13.188	13.231	VV	31227	768945	23.27%	1.002%	
185	13.254	13.231	13.302	VV	28169	1175649	35.57%	1.532%	
186	13.330	13.302	13.364	VV	29051	1047294	31.69%	1.365%	
187	13.385	13.364	13.406	VV	28271	686808	20.78%	0.895%	
188	13.430	13.406	13.458	VV	27865	849858	25.72%	1.107%	
189	13.505	13.458	13.534	VV	98834	2112546	63.92%	2.753%	
190	13.555	13.534	13.602	VV	34021	1199605	36.30%	1.563%	
191	13.610	13.602	13.656	VV	26903	825691	24.99%	1.076%	
192	13.675	13.656	13.700	VV	25431	649014	19.64%	0.846%	
193	13.718	13.700	13.751	VV	26071	766136	23.18%	0.998%	
194	13.763	13.751	13.824	VV	23749	1007177	30.48%	1.312%	

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195	13.842	13.824	13.866	VV	23306	559703	16.94%	0.729%	
196	13.900	13.866	13.922	VV	26453	806511			
197	13.944	13.922	13.969	VV	22889	635486			
198	13.995	13.969	14.048	VV	21936	974466			
199	14.111	14.048	14.140	VV	21393	1132134			
200	14.170	14.140	14.244	VV	21215	1191863			
201	14.259	14.244	14.294	VV	19132	538393	16.29%	0.701%	
202	14.317	14.294	14.377	VV	17522	836803	25.32%	1.090%	
203	14.408	14.377	14.434	VV	17045	561448	16.99%	0.732%	
204	14.442	14.434	14.460	VV	15885	240572	7.28%	0.313%	
205	14.495	14.460	14.524	VV	19076	635100	19.22%	0.828%	
206	14.563	14.524	14.614	VV	15329	778926	23.57%	1.015%	
207	14.649	14.614	14.691	VV	14248	622319	18.83%	0.811%	
208	14.695	14.691	14.713	VV	12976	167734	5.08%	0.219%	
209	14.730	14.713	14.764	VV	12597	366685	11.10%	0.478%	
210	14.781	14.764	14.803	VV	12094	267243	8.09%	0.348%	
211	14.823	14.803	14.867	VV	12156	422841	12.80%	0.551%	
212	14.894	14.867	14.930	VV	11837	416473	12.60%	0.543%	
213	14.951	14.930	15.009	VV	11689	494513	14.96%	0.644%	
214	15.019	15.009	15.038	VV	9269	153209	4.64%	0.200%	
215	15.048	15.038	15.082	VV	8959	230305	6.97%	0.300%	
216	15.094	15.082	15.163	VV	8638	394224	11.93%	0.514%	
217	15.174	15.163	15.251	VV	7534	370556	11.21%	0.483%	
218	15.261	15.251	15.307	VV	6585	211650	6.40%	0.276%	
219	15.322	15.307	15.341	VV	6300	127624	3.86%	0.166%	
220	15.364	15.341	15.388	VV	7632	186443	5.64%	0.243%	
221	15.404	15.388	15.470	VV	5995	266085	8.05%	0.347%	
222	15.482	15.470	15.491	VV	4802	58667	1.78%	0.076%	
223	15.508	15.491	15.542	VV	5022	139670	4.23%	0.182%	
224	15.558	15.542	15.588	VV	4063	106587	3.23%	0.139%	
225	15.624	15.588	15.684	VV	4075	205089	6.21%	0.267%	
226	15.701	15.684	15.738	VV	3120	95725	2.90%	0.125%	
227	15.764	15.738	15.824	VV	5010	188475	5.70%	0.246%	
228	15.840	15.824	15.862	VV	2610	56073	1.70%	0.073%	
229	15.907	15.862	15.950	VV	5182	161336	4.88%	0.210%	
230	15.967	15.950	16.029	VV	2258	78617	2.38%	0.102%	
231	16.034	16.029	16.091	VV	1344	42100	1.27%	0.055%	
232	16.142	16.091	16.155	VV	989	34623	1.05%	0.045%	
233	16.166	16.155	16.178	VV	907	12379	0.37%	0.016%	
234	16.196	16.178	16.265	VV	1071	41491	1.26%	0.054%	
235	16.283	16.265	16.301	VV	620	12517	0.38%	0.016%	
236	16.312	16.301	16.330	VV	592	9065	0.27%	0.012%	
237	16.351	16.330	16.367	VV	769	14038	0.42%	0.018%	
238	16.388	16.367	16.487	VV	1631	39286	1.19%	0.051%	
239	16.521	16.487	16.544	VV	476	8251	0.25%	0.011%	
240	16.592	16.544	16.627	VV	313	8760	0.27%	0.011%	
241	16.640	16.627	16.654	VV	176	1360	0.04%	0.002%	
242	16.726	16.654	16.748	PV	264	7321	0.22%	0.010%	
243	16.783	16.748	16.815	VV	381	10033	0.30%	0.013%	
244	16.841	16.815	16.850	VV	395	5855	0.18%	0.008%	
245	16.874	16.850	16.912	VV	1561	31211	0.94%	0.041%	
246	16.957	16.912	16.988	VV	2199	41427	1.25%	0.054%	

Instrument :

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ClientSampleId :

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Reviewed By :Yogesh Patel 10/01/2025

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					rters			
247	17.067	16.988	17.094	VV	464	18506	0.56%	0.024%
248	17.105	17.094	17.134	VV	265	4604		
249	17.217	17.134	17.248	PV	594	15292		
250	17.305	17.248	17.317	VV	726	17222		
251	17.341	17.317	17.369	VV	2488	37969		
252	17.385	17.369	17.401	VV	271	4123		
253	17.419	17.401	17.441	VV	342	4091	0.12%	0.005%
254	17.455	17.441	17.464	VV	145	1269	0.04%	0.002%
255	17.643	17.464	17.651	VV	205	11824	0.36%	0.015%
256	17.688	17.651	17.700	PV	299	5534	0.17%	0.007%
257	17.792	17.700	17.815	VV	2764	54491	1.65%	0.071%
258	17.823	17.815	17.854	VV	450	5646	0.17%	0.007%
259	17.879	17.854	17.901	VV	438	6336	0.19%	0.008%
260	18.015	17.901	18.038	PV	248	6095	0.18%	0.008%
261	18.229	18.038	18.262	PV	4171	81976	2.48%	0.107%
262	18.320	18.262	18.344	VV	1158	21364	0.65%	0.028%
263	18.392	18.344	18.402	VV	423	9414	0.28%	0.012%
264	18.421	18.402	18.446	VV	389	7258	0.22%	0.009%
265	18.494	18.446	18.524	VV	421	9699	0.29%	0.013%
266	18.567	18.524	18.581	PV	902	12845	0.39%	0.017%
267	18.614	18.581	18.625	VV	1699	32164	0.97%	0.042%
268	18.653	18.625	18.694	VV	4973	88294	2.67%	0.115%
269	18.758	18.694	18.778	VV	427	16563	0.50%	0.022%
270	18.954	18.778	18.971	VV	611	31065	0.94%	0.040%
271	19.063	18.971	19.096	VV	6929	128065	3.88%	0.167%
272	19.166	19.096	19.184	VV	1430	38794	1.17%	0.051%
273	19.462	19.184	19.504	VV	6599	284852	8.62%	0.371%
274	19.617	19.504	19.633	VV	3070	187444	5.67%	0.244%
275	19.849	19.633	19.883	VV	8823	592023	17.91%	0.771%
276	19.966	19.883	19.975	VV	5895	288501	8.73%	0.376%
277	19.996	19.975	20.003	VV	5743	96739	2.93%	0.126%
278	20.092	20.003	20.100	VV	7074	371869	11.25%	0.485%
279	20.150	20.100	20.160	VV	7870	269834	8.17%	0.352%
280	20.224	20.160	20.268	VV	12260	591416	17.90%	0.771%

Sum of corrected areas: 76749159

Aliphatic EPH 092425.M Wed Oct 01 16:02:50 2025

Instrument :

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