

rteres

Instrument :

FID_E

ClientSampleId :

3MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025

Supervised By :mohammad ahmed 06/05/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06032
Data File : FE054156.D
Signal(s) : FID1B.ch
Acq On : 03 Jun 2025 17:26
Sample : Q2147-05MSD
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	2.819	2.804	2.827	PV	130	963	0.01%	0.000%
2	2.841	2.827	2.883	PV	809	7120	0.06%	0.003%
3	2.903	2.883	2.951	PV	2306	27199	0.24%	0.011%
4	2.982	2.951	3.044	PV	1073	21214	0.19%	0.008%
5	3.068	3.044	3.110	VV	369	5063	0.04%	0.002%
6	3.124	3.110	3.145	PV	110	1588	0.01%	0.001%
7	3.159	3.145	3.167	VV	105	1121	0.01%	0.000%
8	3.201	3.167	3.327	VV	442603	4699110	41.34%	1.817%
9	3.341	3.327	3.360	VV	1122	16911	0.15%	0.007%
10	3.372	3.360	3.395	VV	748	11034	0.10%	0.004%
11	3.411	3.395	3.430	VV	558	9207	0.08%	0.004%
12	3.443	3.430	3.468	VV	557	7954	0.07%	0.003%
13	3.480	3.468	3.494	VV	474	5146	0.05%	0.002%
14	3.513	3.494	3.553	VV	1171	20255	0.18%	0.008%
15	3.571	3.553	3.611	VV	600	13326	0.12%	0.005%
16	3.619	3.611	3.626	VV	347	2687	0.02%	0.001%
17	3.647	3.626	3.686	VV	1109	22407	0.20%	0.009%
18	3.730	3.686	3.763	VV	539	17492	0.15%	0.007%
19	3.789	3.763	3.808	VV	657	10844	0.10%	0.004%
20	3.830	3.808	3.870	VV	475	9196	0.08%	0.004%
21	3.890	3.870	3.908	VV	555	9020	0.08%	0.003%
22	3.917	3.908	3.948	VV	484	5438	0.05%	0.002%
23	3.994	3.948	4.009	PV	853	12811	0.11%	0.005%
24	4.027	4.009	4.047	VV	784	11057	0.10%	0.004%
25	4.064	4.047	4.081	VV	478	7118	0.06%	0.003%
26	4.103	4.081	4.148	VV	802	16013	0.14%	0.006%
27	4.188	4.148	4.210	VV	831	19570	0.17%	0.008%
28	4.226	4.210	4.318	VV	545	18661	0.16%	0.007%
29	4.346	4.318	4.366	VV	307	5375	0.05%	0.002%
30	4.392	4.366	4.420	VV	300	5006	0.04%	0.002%
31	4.456	4.420	4.473	VV	484666	4802794	42.25%	1.857%
32	4.490	4.473	4.550	VV	519696	5581292	49.10%	2.159%
33	4.565	4.550	4.590	VV	5950	98069	0.86%	0.038%
34	4.611	4.590	4.721	VV	7032	162773	1.43%	0.063%
35	4.739	4.721	4.754	VV	1149	18487	0.16%	0.007%
36	4.760	4.754	4.780	VV	974	12097	0.11%	0.005%

					retention			
37	4.793	4.780	4.807	VV	704	10802	0.10%	0.004%
38	4.817	4.807	4.842	VV	781	11829		
39	4.852	4.842	4.861	VV	498	5166		
40	4.875	4.861	4.905	VV	542	13480		
41	4.916	4.905	4.938	VV	561	9046		
42	4.961	4.938	5.009	VV	920	20554		
43	5.018	5.009	5.025	VV	323	2569	0.02%	0.001%
44	5.034	5.025	5.095	VV	325	10403	0.09%	0.004%
45	5.129	5.095	5.145	VV	400	8473	0.07%	0.003%
46	5.164	5.145	5.189	VV	413	7602	0.07%	0.003%
47	5.208	5.189	5.235	VV	361	6722	0.06%	0.003%
48	5.243	5.235	5.352	VV	218	10179	0.09%	0.004%
49	5.429	5.352	5.547	VV	417	21767	0.19%	0.008%
50	5.558	5.547	5.570	VV	120	619	0.01%	0.000%
51	5.598	5.570	5.661	VV	2069	28584	0.25%	0.011%
52	5.713	5.661	5.744	VV	412	12753	0.11%	0.005%
53	5.768	5.744	5.820	VV	288	9076	0.08%	0.004%
54	5.847	5.820	5.875	VV	317	5444	0.05%	0.002%
55	5.901	5.875	6.014	VV	237	8312	0.07%	0.003%
56	6.020	6.014	6.044	VV	30	544	0.00%	0.000%
57	6.048	6.044	6.056	VV	95	272	0.00%	0.000%
58	6.072	6.056	6.103	VV	105	1245	0.01%	0.000%
59	6.120	6.103	6.134	PV	72	713	0.01%	0.000%
60	6.165	6.134	6.325	VV	498088	5720959	50.33%	2.213%
61	6.338	6.325	6.472	VV	1837	100297	0.88%	0.039%
62	6.481	6.472	6.596	VV	814	46737	0.41%	0.018%
63	6.631	6.596	6.734	VV	486195	5062153	44.53%	1.958%
64	6.745	6.734	6.767	VV	1230	21959	0.19%	0.008%
65	6.783	6.767	6.902	VV	1172	49169	0.43%	0.019%
66	6.913	6.902	6.937	VV	347	5286	0.05%	0.002%
67	6.956	6.937	6.975	VV	297	5237	0.05%	0.002%
68	6.998	6.975	7.019	VV	210	3649	0.03%	0.001%
69	7.039	7.019	7.064	VV	271	4458	0.04%	0.002%
70	7.072	7.064	7.094	VV	241	2323	0.02%	0.001%
71	7.172	7.094	7.230	VV	8713	141131	1.24%	0.055%
72	7.266	7.230	7.391	VV	416532	5226573	45.98%	2.021%
73	7.407	7.391	7.448	VV	3289	83043	0.73%	0.032%
74	7.473	7.448	7.531	VV	2536	92216	0.81%	0.036%
75	7.548	7.531	7.564	VV	1451	24235	0.21%	0.009%
76	7.582	7.564	7.628	VV	2050	42812	0.38%	0.017%
77	7.635	7.628	7.730	VV	723	26720	0.24%	0.010%
78	7.755	7.730	7.824	VV	611	17419	0.15%	0.007%
79	7.859	7.824	7.919	VV	543	16174	0.14%	0.006%
80	7.924	7.919	7.935	VV	229	1529	0.01%	0.001%
81	7.957	7.935	7.978	VV	133	2910	0.03%	0.001%
82	8.008	7.978	8.021	VV	427	7016	0.06%	0.003%
83	8.034	8.021	8.098	VV	719	17425	0.15%	0.007%
84	8.111	8.098	8.130	VV	242	3952	0.03%	0.002%
85	8.155	8.130	8.187	VV	1617	21737	0.19%	0.008%
86	8.212	8.187	8.238	VV	993	14144	0.12%	0.005%
87	8.244	8.238	8.258	VV	212	1961	0.02%	0.001%
88	8.285	8.258	8.311	VV	351	7528	0.07%	0.003%
89	8.318	8.311	8.336	VV	337	3944	0.03%	0.002%

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90	8.388	8.336	8.406	VV	1070	26540	0.23%	0.010%
91	8.420	8.406	8.434	VV	698	10303		
92	8.466	8.434	8.531	VV	467250	5065142	44.92%	1.975%
93	8.571	8.531	8.748	VV	515355	5765095	50.84%	2.249%
94	8.769	8.748	8.836	VV	1415	47686	0.23%	0.010%
95	8.870	8.836	9.087	VV	520549	5938066	0.84%	0.037%
96	9.115	9.087	9.141	VV	1081	25243	0.22%	0.010%
97	9.164	9.141	9.194	VV	1814	41551	0.37%	0.016%
98	9.206	9.194	9.269	VV	1250	35202	0.31%	0.014%
99	9.294	9.269	9.319	VV	1949	30685	0.27%	0.012%
100	9.331	9.319	9.423	VV	680	17469	0.15%	0.007%
101	9.443	9.423	9.464	PV	475	6540	0.06%	0.003%
102	9.482	9.464	9.513	VV	518	8360	0.07%	0.003%
103	9.532	9.513	9.563	VV	223	4971	0.04%	0.002%
104	9.584	9.563	9.611	VV	433	7471	0.07%	0.003%
105	9.622	9.611	9.629	PV	174	1164	0.01%	0.000%
106	9.664	9.629	9.797	VV	488425	5798260	51.01%	2.242%
107	9.817	9.797	9.838	VV	2558	46556	0.41%	0.018%
108	9.854	9.838	9.863	VV	2140	27496	0.24%	0.011%
109	9.883	9.863	9.926	VV	6006	113524	1.00%	0.044%
110	9.952	9.926	10.041	VV	20643	415388	3.65%	0.161%
111	10.077	10.041	10.112	VV	456603	5158951	45.39%	1.995%
112	10.132	10.112	10.329	VV	8779	319329	2.81%	0.123%
113	10.346	10.329	10.388	VV	346	6246	0.05%	0.002%
114	10.418	10.388	10.443	PV	1117	16048	0.14%	0.006%
115	10.467	10.443	10.490	VV	491	7696	0.07%	0.003%
116	10.560	10.490	10.584	VV	1658	48684	0.43%	0.019%
117	10.598	10.584	10.648	VV	889	16918	0.15%	0.007%
118	10.672	10.648	10.685	VV	980	13667	0.12%	0.005%
119	10.694	10.685	10.721	VV	859	12674	0.11%	0.005%
120	10.750	10.721	10.798	VV	2004	54107	0.48%	0.021%
121	10.817	10.798	10.830	VV	1364	19811	0.17%	0.008%
122	10.840	10.830	10.850	VV	1256	12820	0.11%	0.005%
123	10.879	10.850	10.935	VV	6856	160549	1.41%	0.062%
124	10.943	10.935	10.964	VV	565	6940	0.06%	0.003%
125	10.977	10.964	10.998	VV	711	7576	0.07%	0.003%
126	11.011	10.998	11.020	VV	204	2475	0.02%	0.001%
127	11.075	11.020	11.123	VV	544649	6456562	56.80%	2.497%
128	11.152	11.123	11.311	VV	456742	5815706	51.16%	2.249%
129	11.325	11.311	11.353	VV	1608	26347	0.23%	0.010%
130	11.400	11.353	11.441	VV	3785	95497	0.84%	0.037%
131	11.451	11.441	11.481	VV	1454	25083	0.22%	0.010%
132	11.525	11.481	11.586	VV	441895	5105760	44.92%	1.975%
133	11.612	11.586	11.660	VV	2448	49434	0.43%	0.019%
134	11.680	11.660	11.693	VV	926	11663	0.10%	0.005%
135	11.713	11.693	11.746	VV	2356	37140	0.33%	0.014%
136	11.765	11.746	11.804	VV	861	15619	0.14%	0.006%
137	11.838	11.804	11.870	VV	444399	5007919	44.06%	1.937%
138	11.886	11.870	11.903	VV	8356	119642	1.05%	0.046%
139	11.920	11.903	11.963	VV	9654	167881	1.48%	0.065%
140	11.998	11.963	12.018	VV	12212	195551	1.72%	0.076%
141	12.032	12.018	12.050	VV	5626	85566	0.75%	0.033%

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142	12.067	12.050	12.115	VV	5860	98559	0.87%	0.038%
143	12.132	12.115	12.151	PV	509	5592	0.00%	0.000%
144	12.190	12.151	12.231	PV	1370	30847	0.00%	0.000%
145	12.276	12.231	12.333	VV	6089	141603	0.00%	0.000%
146	12.358	12.333	12.394	VV	6556	109619	0.00%	0.000%
147	12.404	12.394	12.438	VV	1541	25428	0.00%	0.000%
148	12.456	12.438	12.488	VV	868	20021	0.18%	0.008%
149	12.501	12.488	12.524	VV	889	14304	0.13%	0.006%
150	12.564	12.524	12.590	VV	940	22820	0.20%	0.009%
151	12.630	12.590	12.643	VV	1385	33529	0.29%	0.013%
152	12.680	12.643	12.709	VV	2786	73285	0.64%	0.028%
153	12.724	12.709	12.737	VV	2241	27396	0.24%	0.011%
154	12.756	12.737	12.769	VV	4388	59903	0.53%	0.023%
155	12.784	12.769	12.803	VV	5165	75818	0.67%	0.029%
156	12.838	12.803	12.871	VV	425953	5296294	46.59%	2.048%
157	12.905	12.871	12.984	VV	589725	7137797	62.79%	2.760%
158	12.998	12.984	13.029	VV	2419	48715	0.43%	0.019%
159	13.057	13.029	13.072	VV	3228	56465	0.50%	0.022%
160	13.091	13.072	13.138	VV	8066	143875	1.27%	0.056%
161	13.204	13.138	13.242	VV	561643	6759023	59.46%	2.614%
162	13.283	13.242	13.349	VV	328514	4290316	37.74%	1.659%
163	13.377	13.349	13.413	VV	11286	198028	1.74%	0.077%
164	13.451	13.413	13.523	VV	413656	5213359	45.86%	2.016%
165	13.537	13.523	13.556	VV	1536	25292	0.22%	0.010%
166	13.576	13.556	13.591	VV	1614	27797	0.24%	0.011%
167	13.612	13.591	13.635	VV	2897	52575	0.46%	0.020%
168	13.667	13.635	13.728	VV	6167	150772	1.33%	0.058%
169	13.801	13.728	13.846	VV	13891	288784	2.54%	0.112%
170	13.863	13.846	13.883	VV	2069	36909	0.32%	0.014%
171	13.908	13.883	13.929	VV	8165	127188	1.12%	0.049%
172	13.949	13.929	13.965	VV	6475	102543	0.90%	0.040%
173	13.980	13.965	14.003	VV	6207	96179	0.85%	0.037%
174	14.039	14.003	14.105	VV	402969	5167181	45.46%	1.998%
175	14.116	14.105	14.161	VV	4683	93813	0.83%	0.036%
176	14.179	14.161	14.200	VV	2407	44045	0.39%	0.017%
177	14.224	14.200	14.361	VV	2440	124695	1.10%	0.048%
178	14.398	14.361	14.426	PV	1073	26926	0.24%	0.010%
179	14.473	14.426	14.496	VV	3270	85760	0.75%	0.033%
180	14.507	14.496	14.526	VV	2740	43744	0.38%	0.017%
181	14.556	14.526	14.576	VV	7649	133997	1.18%	0.052%
182	14.599	14.576	14.624	VV	4397	100490	0.88%	0.039%
183	14.641	14.624	14.686	VV	2473	60892	0.54%	0.024%
184	14.720	14.686	14.748	VV	9337	152713	1.34%	0.059%
185	14.776	14.748	14.813	VV	11492	231568	2.04%	0.090%
186	14.836	14.813	14.843	VV	4284	62735	0.55%	0.024%
187	14.863	14.843	14.918	VV	8645	193004	1.70%	0.075%
188	14.931	14.918	14.945	VV	1178	16918	0.15%	0.007%
189	14.970	14.945	15.034	VV	3010	61623	0.54%	0.024%
190	15.093	15.034	15.113	PV	460170	5990528	52.70%	2.317%
191	15.140	15.113	15.228	VV	768481	11366849	100.00%	4.396%
192	15.253	15.228	15.278	VV	10106	177400	1.56%	0.069%
193	15.286	15.278	15.348	VV	3819	90792	0.80%	0.035%
194	15.368	15.348	15.386	VV	2428	41623	0.37%	0.016%

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195	15.441	15.386	15.501	VV	4697	166231	1.46%	0.064%
196	15.548	15.501	15.635	PV	14489	444027		
197	15.662	15.635	15.698	VV	4547	98019		
198	15.728	15.698	15.749	VV	7725	119646		
199	15.772	15.749	15.795	VV	8881	150120		
200	15.810	15.795	15.842	VV	4767	88441		
201	15.861	15.842	15.888	VV	2396	46541	0.41%	0.018%
202	15.927	15.888	15.978	VV	5223	171458	1.51%	0.066%
203	16.005	15.978	16.040	VV	2977	62799	0.55%	0.024%
204	16.095	16.040	16.124	VV	2124	56820	0.50%	0.022%
205	16.169	16.124	16.213	VV	371215	4944590	43.50%	1.912%
206	16.232	16.213	16.303	VV	2833	55396	0.49%	0.021%
207	16.368	16.303	16.392	VV	1742	30469	0.27%	0.012%
208	16.420	16.392	16.433	PV	2074	28671	0.25%	0.011%
209	16.459	16.433	16.494	VV	4851	95160	0.84%	0.037%
210	16.572	16.494	16.605	VV	10103	274471	2.41%	0.106%
211	16.666	16.605	16.680	VV	431719	6580124	57.89%	2.545%
212	16.697	16.680	16.771	VV	501031	6378126	56.11%	2.467%
213	16.796	16.771	16.884	VV	10588	248504	2.19%	0.096%
214	16.922	16.884	16.933	VV	3480	51165	0.45%	0.020%
215	16.946	16.933	16.955	VV	3164	38867	0.34%	0.015%
216	16.984	16.955	17.013	VV	36388	518349	4.56%	0.200%
217	17.049	17.013	17.087	VV	452919	6287471	55.31%	2.432%
218	17.120	17.087	17.181	VV	349931	5211203	45.85%	2.015%
219	17.194	17.181	17.257	VV	4341	103246	0.91%	0.040%
220	17.294	17.257	17.331	VV	2967	85512	0.75%	0.033%
221	17.354	17.331	17.365	VV	1646	25942	0.23%	0.010%
222	17.411	17.365	17.420	VV	4077	78060	0.69%	0.030%
223	17.433	17.420	17.481	VV	4243	92814	0.82%	0.036%
224	17.566	17.481	17.611	VV	9880	341002	3.00%	0.132%
225	17.641	17.611	17.654	VV	3269	55611	0.49%	0.022%
226	17.674	17.654	17.693	VV	3778	67051	0.59%	0.026%
227	17.714	17.693	17.800	VV	3450	109614	0.96%	0.042%
228	17.838	17.800	17.871	PV	1266	25511	0.22%	0.010%
229	17.900	17.871	17.928	VV	4934	71615	0.63%	0.028%
230	18.011	17.928	18.064	VV	352283	5016395	44.13%	1.940%
231	18.091	18.064	18.114	VV	5073	107638	0.95%	0.042%
232	18.141	18.114	18.161	VV	7271	140413	1.24%	0.054%
233	18.193	18.161	18.208	VV	4848	123626	1.09%	0.048%
234	18.232	18.208	18.300	VV	7069	204278	1.80%	0.079%
235	18.334	18.300	18.368	VV	14754	314963	2.77%	0.122%
236	18.438	18.368	18.451	VV	416929	6713745	59.06%	2.596%
237	18.467	18.451	18.547	VV	453741	7206813	63.40%	2.787%
238	18.566	18.547	18.584	VV	13310	270262	2.38%	0.105%
239	18.596	18.584	18.654	VV	11768	367291	3.23%	0.142%
240	18.693	18.654	18.796	VV	405217	6855988	60.32%	2.651%
241	18.844	18.796	18.893	VV	346835	5402230	47.53%	2.089%
242	18.938	18.893	18.962	VV	9399	320314	2.82%	0.124%
243	18.989	18.962	19.061	VV	9349	397373	3.50%	0.154%
244	19.113	19.061	19.137	VV	9389	293017	2.58%	0.113%
245	19.238	19.137	19.292	VV	21148	1126301	9.91%	0.436%
246	19.326	19.292	19.348	VV	11137	337654	2.97%	0.131%

Instrument :

FID_E

ClientSampleId :

3MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025

Supervised By :mohammad ahmed 06/05/2025

rters									
247	19.367	19.348	19.426	VV	10533	428745	3.77%	0.166%	
248	19.484	19.426	19.510	VV	10450	444979			
249	19.538	19.510	19.580	VV	10481	389767			
250	19.629	19.580	19.672	VV	335912	5441646	47.11%	0.166%	
251	19.701	19.672	19.719	VV	15990	394549			
252	19.736	19.719	19.793	VV	15699	594469			
253	19.866	19.793	19.896	VV	18039	868670	7.64%	0.336%	
254	19.932	19.896	19.941	VV	18690	446288	3.93%	0.173%	
255	19.969	19.941	20.020	VV	39135	1156289	10.17%	0.447%	
256	20.034	20.020	20.095	VV	17977	720719	6.34%	0.279%	
257	20.153	20.095	20.195	VV	16245	888398	7.82%	0.344%	
258	20.260	20.195	20.276	VV	24417	948916	8.35%	0.367%	
259	20.297	20.276	20.323	VV	27431	692432	6.09%	0.268%	
260	20.371	20.323	20.457	VV	347029	6843693	60.21%	2.647%	
261	20.519	20.457	20.549	VV	24456	1221670	10.75%	0.472%	
262	20.636	20.549	20.645	VV	22951	1294439	11.39%	0.501%	
263	20.664	20.645	20.674	VV	23395	403913	3.55%	0.156%	
264	20.686	20.674	20.704	VV	23057	410174	3.61%	0.159%	
265	20.840	20.704	20.858	VV	23966	2112977	18.59%	0.817%	
266	20.875	20.858	20.920	VV	23929	877326	7.72%	0.339%	
267	20.942	20.920	20.985	VV	22791	863388	7.60%	0.334%	
268	20.999	20.985	21.048	VV	21876	795652	7.00%	0.308%	
269	21.100	21.048	21.261	VV	313944	7812044	68.73%	3.021%	
270	21.330	21.261	21.357	VV	18432	1048578	9.22%	0.406%	
271	21.392	21.357	21.434	VV	18073	816888	7.19%	0.316%	
272	21.446	21.434	21.474	VV	17120	394241	3.47%	0.152%	
273	21.511	21.474	21.559	VV	16831	830955	7.31%	0.321%	
274	21.574	21.559	21.604	VV	15186	397772	3.50%	0.154%	
275	21.613	21.604	21.624	VV	13642	161919	1.42%	0.063%	
276	21.736	21.624	21.761	VV	14722	1144739	10.07%	0.443%	
277	21.769	21.761	21.778	VV	14479	142809	1.26%	0.055%	
278	21.790	21.778	21.822	VV	14088	365520	3.22%	0.141%	
279	21.831	21.822	21.842	VV	13107	152919	1.35%	0.059%	
280	21.850	21.842	21.905	VV	12953	468177	4.12%	0.181%	
281	21.994	21.905	22.139	VV	221293	6703583	58.97%	2.593%	
282	22.189	22.139	22.312	VV	9741	822926	7.24%	0.318%	
283	22.320	22.312	22.418	VV	5025	238467	2.10%	0.092%	
284	22.482	22.418	22.581	VV	2880	184218	1.62%	0.071%	
Sum of corrected areas:					258572574				

Instrument :

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025

Supervised By :mohammad ahmed 06/05/2025

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