

rteres

Instrument :

FID_E

ClientSampleId :

VNJ-210MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/12/2025

Supervised By :mohammad ahmed 06/13/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06122
Data File : FE054314.D
Signal(s) : FID1B.ch
Acq On : 11 Jun 2025 18:22
Sample : Q2280-01MSD
Misc :
ALS Vial : 12 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	2.877	2.821	2.933	BV	1628	21060	0.19%	0.010%
2	2.957	2.933	2.976	PV	178	2739	0.02%	0.001%
3	2.986	2.976	2.998	VV	83	532	0.00%	0.000%
4	3.016	2.998	3.098	VV	1256	25067	0.22%	0.012%
5	3.121	3.098	3.146	PV	122	2226	0.02%	0.001%
6	3.178	3.146	3.289	VV	361253	3833661	34.29%	1.855%
7	3.318	3.289	3.340	VV	782	20134	0.18%	0.010%
8	3.370	3.340	3.442	VV	16977	204379	1.83%	0.099%
9	3.491	3.442	3.508	VV	527	15549	0.14%	0.008%
10	3.520	3.508	3.539	VV	433	6870	0.06%	0.003%
11	3.550	3.539	3.564	VV	393	5093	0.05%	0.002%
12	3.587	3.564	3.611	VV	759	12917	0.12%	0.006%
13	3.631	3.611	3.648	VV	1082	14955	0.13%	0.007%
14	3.667	3.648	3.754	VV	10854	154971	1.39%	0.075%
15	3.786	3.754	3.840	VV	7642	115474	1.03%	0.056%
16	3.862	3.840	3.959	VV	39220	464884	4.16%	0.225%
17	3.975	3.959	4.004	VV	780	16563	0.15%	0.008%
18	4.013	4.004	4.067	VV	609	14641	0.13%	0.007%
19	4.079	4.067	4.139	VV	419	11688	0.10%	0.006%
20	4.180	4.139	4.202	VV	2396	43137	0.39%	0.021%
21	4.217	4.202	4.297	VV	1812	40152	0.36%	0.019%
22	4.313	4.297	4.349	VV	853	14183	0.13%	0.007%
23	4.362	4.349	4.407	VV	273	7570	0.07%	0.004%
24	4.442	4.407	4.459	VV	418852	4170574	37.30%	2.018%
25	4.475	4.459	4.537	VV	377875	4003213	35.81%	1.937%
26	4.551	4.537	4.577	VV	4546	76494	0.68%	0.037%
27	4.616	4.577	4.647	VV	7219	165037	1.48%	0.080%
28	4.659	4.647	4.713	VV	2175	51512	0.46%	0.025%
29	4.727	4.713	4.845	VV	949	48525	0.43%	0.023%
30	4.864	4.845	4.892	VV	606	12812	0.11%	0.006%
31	4.902	4.892	4.925	VV	392	7675	0.07%	0.004%
32	4.942	4.925	4.995	VV	431	14082	0.13%	0.007%
33	5.004	4.995	5.044	VV	272	7277	0.07%	0.004%
34	5.085	5.044	5.098	VV	320	8779	0.08%	0.004%
35	5.107	5.098	5.141	VV	385	7720	0.07%	0.004%
36	5.151	5.141	5.168	VV	291	3988	0.04%	0.002%

37	5.200	5.168	5.224	VV	439	7767	0.07%	0.004%
38	5.263	5.224	5.299	VV	214	6378	0.04%	0.002%
39	5.325	5.299	5.358	VV	240	5467	0.05%	0.002%
40	5.423	5.358	5.534	VV	334	18824	0.06%	0.002%
41	5.588	5.534	5.658	VV	1236	20545	0.11%	0.006%
42	5.680	5.658	5.714	VV	257	6387	0.04%	0.002%
43	5.729	5.714	5.823	VV	189	11746	0.11%	0.006%
44	5.839	5.823	5.862	VV	257	4895	0.04%	0.002%
45	5.871	5.862	5.896	VV	228	3785	0.03%	0.002%
46	5.905	5.896	5.939	VV	190	3366	0.03%	0.002%
47	5.958	5.939	6.001	VV	583	9660	0.09%	0.005%
48	6.007	6.001	6.024	VV	135	1250	0.01%	0.001%
49	6.035	6.024	6.043	PV	97	744	0.01%	0.000%
50	6.064	6.043	6.094	VV	126	2308	0.02%	0.001%
51	6.155	6.094	6.468	PV	347721	4312598	38.57%	2.087%
52	6.473	6.468	6.568	VV	761	36779	0.33%	0.018%
53	6.623	6.568	6.759	VV	444551	4768751	42.65%	2.308%
54	6.776	6.759	6.841	VV	1092	36640	0.33%	0.018%
55	6.848	6.841	6.934	VV	546	22102	0.20%	0.011%
56	6.944	6.934	6.975	VV	305	6553	0.06%	0.003%
57	6.984	6.975	7.018	VV	223	4466	0.04%	0.002%
58	7.035	7.018	7.078	VV	162	5230	0.05%	0.003%
59	7.083	7.078	7.132	VV	179	3346	0.03%	0.002%
60	7.165	7.132	7.223	VV	5647	97144	0.87%	0.047%
61	7.257	7.223	7.384	VV	333664	4081149	36.50%	1.975%
62	7.399	7.384	7.434	VV	2513	60071	0.54%	0.029%
63	7.466	7.434	7.524	VV	2008	82225	0.74%	0.040%
64	7.538	7.524	7.555	VV	1207	19301	0.17%	0.009%
65	7.573	7.555	7.611	VV	1776	33622	0.30%	0.016%
66	7.631	7.611	7.641	VV	630	10503	0.09%	0.005%
67	7.650	7.641	7.728	VV	636	16820	0.15%	0.008%
68	7.745	7.728	7.831	VV	486	11647	0.10%	0.006%
69	8.024	8.010	8.127	VV	3410	106766	0.95%	0.052%
70	8.147	8.127	8.182	VV	1757	32756	0.29%	0.016%
71	8.205	8.182	8.227	VV	1113	18734	0.17%	0.009%
72	8.249	8.227	8.266	VV	692	12625	0.11%	0.006%
73	8.282	8.266	8.300	VV	666	10473	0.09%	0.005%
74	8.323	8.300	8.348	VV	972	18758	0.17%	0.009%
75	8.359	8.348	8.368	VV	633	6832	0.06%	0.003%
76	8.388	8.368	8.406	VV	1064	16698	0.15%	0.008%
77	8.416	8.406	8.422	VV	500	4498	0.04%	0.002%
78	8.458	8.422	8.489	VV	466432	5041446	45.09%	2.440%
79	8.506	8.489	8.534	VV	6266	113317	1.01%	0.055%
80	8.561	8.534	8.736	VV	408166	4634764	41.45%	2.243%
81	8.861	8.833	9.038	VV	422329	4975018	44.50%	2.408%
82	9.044	9.038	9.081	VV	1319	27340	0.24%	0.013%
83	9.094	9.081	9.132	VV	1046	26205	0.23%	0.013%
84	9.192	9.132	9.264	VV	2766	99448	0.89%	0.048%
85	9.287	9.264	9.360	VV	1632	41669	0.37%	0.020%
86	9.370	9.360	9.398	VV	301	4926	0.04%	0.002%
87	9.405	9.398	9.412	VV	163	1337	0.01%	0.001%
88	9.439	9.412	9.455	VV	315	5235	0.05%	0.003%
89	9.474	9.455	9.494	VV	364	5188	0.05%	0.003%

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90	9.523	9.494	9.558	VV	922	15864	0.14%	0.008%
91	9.581	9.558	9.605	VV	316	5512		
92	9.655	9.605	9.773	PV	393576	4846329	43.07%	2.780%
93	9.785	9.773	9.825	VV	2310	56207	0.07%	0.004%
94	9.847	9.825	9.860	VV	3041	42604	0.03%	0.002%
95	9.877	9.860	9.910	VV	4271	84666	0.03%	0.002%
96	9.935	9.910	10.034	VV	20942	482539	4.32%	0.234%
97	10.070	10.034	10.161	VV	512266	5744354	51.38%	2.780%
98	10.195	10.161	10.327	VV	1255	57275	0.51%	0.028%
99	10.336	10.327	10.348	VV	175	1490	0.01%	0.001%
100	10.416	10.348	10.435	VV	682	21522	0.19%	0.010%
101	10.445	10.435	10.474	VV	550	9675	0.09%	0.005%
102	10.524	10.474	10.532	VV	383	10874	0.10%	0.005%
103	10.543	10.532	10.581	VV	376	8087	0.07%	0.004%
104	10.597	10.581	10.610	VV	242	3439	0.03%	0.002%
105	10.621	10.610	10.647	VV	292	3729	0.03%	0.002%
106	10.688	10.647	10.714	PV	430	8920	0.08%	0.004%
107	10.736	10.714	10.749	VV	370	4718	0.04%	0.002%
108	10.771	10.749	10.791	VV	771	12976	0.12%	0.006%
109	10.809	10.791	10.851	VV	1096	23140	0.21%	0.011%
110	10.882	10.851	10.960	VV	2770	68554	0.61%	0.033%
111	10.970	10.960	10.988	VV	203	1751	0.02%	0.001%
112	10.999	10.988	11.003	VV	140	775	0.01%	0.000%
113	11.066	11.003	11.118	VV	413729	4927396	44.07%	2.385%
114	11.143	11.118	11.299	VV	368855	4969420	44.45%	2.405%
115	11.316	11.299	11.355	VV	2238	41647	0.37%	0.020%
116	11.445	11.355	11.474	VV	1437	58704	0.53%	0.028%
117	11.517	11.474	11.574	VV	524425	6090034	54.47%	2.947%
118	11.601	11.574	11.649	VV	1260	32926	0.29%	0.016%
119	11.673	11.649	11.691	VV	372	5947	0.05%	0.003%
120	11.709	11.691	11.732	VV	1245	15175	0.14%	0.007%
121	11.759	11.732	11.794	VV	1195	15761	0.14%	0.008%
122	11.831	11.794	11.874	PV	497627	5705679	51.03%	2.761%
123	11.883	11.874	11.902	VV	2709	40256	0.36%	0.019%
124	11.917	11.902	11.961	VV	2428	62156	0.56%	0.030%
125	11.994	11.961	12.016	VV	2047	46093	0.41%	0.022%
126	12.032	12.016	12.050	VV	1331	22295	0.20%	0.011%
127	12.067	12.050	12.101	VV	1188	20184	0.18%	0.010%
128	12.122	12.101	12.148	VV	315	4044	0.04%	0.002%
129	12.186	12.148	12.211	PV	1446	21702	0.19%	0.011%
130	12.237	12.211	12.262	VV	2416	32698	0.29%	0.016%
131	12.286	12.262	12.345	VV	822	24144	0.22%	0.012%
132	12.379	12.345	12.428	VV	527	13339	0.12%	0.006%
133	12.461	12.428	12.493	VV	860	22583	0.20%	0.011%
134	12.532	12.493	12.591	VV	669	25639	0.23%	0.012%
135	12.650	12.591	12.726	VV	1762	46935	0.42%	0.023%
136	12.775	12.726	12.793	VV	1329	33167	0.30%	0.016%
137	12.830	12.793	12.863	VV	528621	6425532	57.47%	3.110%
138	12.894	12.863	12.991	VV	404436	5096586	45.58%	2.467%
139	13.008	12.991	13.063	VV	3158	72528	0.65%	0.035%
140	13.085	13.063	13.136	VV	3709	69204	0.62%	0.033%
141	13.193	13.136	13.243	VV	410626	5008395	44.80%	2.424%

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142	13.274	13.243	13.352	VV	372938	4741299	42.41%	2.295%
143	13.380	13.352	13.404	VV	1540	39263		
144	13.443	13.404	13.558	VV	503377	6226484	55.26%	2.990%
145	13.570	13.558	13.589	VV	445	6104		
146	13.612	13.589	13.637	VV	852	12991		
147	13.668	13.637	13.740	VV	2193	55028		
148	13.807	13.740	13.844	PV	1614	48261	0.43%	0.023%
149	13.872	13.844	13.893	VV	1329	22709	0.20%	0.011%
150	13.915	13.893	13.933	VV	1034	19813	0.18%	0.010%
151	13.947	13.933	13.957	VV	1065	13778	0.12%	0.007%
152	13.979	13.957	13.994	VV	1946	30152	0.27%	0.015%
153	14.031	13.994	14.101	VV	489478	6178115	55.26%	2.990%
154	14.113	14.101	14.139	VV	563	9092	0.08%	0.004%
155	14.149	14.139	14.166	VV	223	2413	0.02%	0.001%
156	14.235	14.166	14.249	PV	2719	45266	0.40%	0.022%
157	14.272	14.249	14.326	VV	8879	138953	1.24%	0.067%
158	14.350	14.326	14.375	PV	2858	34392	0.31%	0.017%
159	14.408	14.375	14.436	VV	48841	640026	5.72%	0.310%
160	14.458	14.436	14.484	VV	17191	291762	2.61%	0.141%
161	14.496	14.484	14.553	VV	6066	129838	1.16%	0.063%
162	14.591	14.553	14.614	VV	3692	67541	0.60%	0.033%
163	14.649	14.614	14.677	VV	1933	39362	0.35%	0.019%
164	14.729	14.677	14.751	VV	1993	40548	0.36%	0.020%
165	14.774	14.751	14.814	VV	1759	35956	0.32%	0.017%
166	14.837	14.814	14.856	VV	546	9651	0.09%	0.005%
167	14.884	14.856	14.898	VV	1057	17803	0.16%	0.009%
168	14.934	14.898	14.997	VV	1940	79230	0.71%	0.038%
169	15.016	14.997	15.038	VV	1340	20078	0.18%	0.010%
170	15.083	15.038	15.104	VV	353574	4618486	41.31%	2.235%
171	15.131	15.104	15.231	VV	691495	11180556	100.00%	5.411%
172	15.244	15.231	15.338	VV	2456	82716	0.74%	0.040%
173	15.362	15.338	15.417	VV	2276	35107	0.31%	0.017%
174	15.444	15.417	15.488	VV	765	18078	0.16%	0.009%
175	15.545	15.488	15.630	VV	13257	430718	3.85%	0.208%
176	15.654	15.630	15.689	VV	6713	111269	1.00%	0.054%
177	15.718	15.689	15.749	VV	7192	103600	0.93%	0.050%
178	15.774	15.749	15.793	VV	1333	20463	0.18%	0.010%
179	15.809	15.793	15.858	VV	824	18728	0.17%	0.009%
180	15.871	15.858	15.886	VV	193	1582	0.01%	0.001%
181	15.929	15.886	15.947	PV	6042	94301	0.84%	0.046%
182	15.960	15.947	16.045	VV	4402	84631	0.76%	0.041%
183	16.160	16.045	16.199	PV	460267	6096450	54.53%	2.950%
184	16.221	16.199	16.244	VV	3031	44969	0.40%	0.022%
185	16.254	16.244	16.263	VV	467	4773	0.04%	0.002%
186	16.288	16.263	16.314	VV	1032	18735	0.17%	0.009%
187	16.365	16.314	16.417	VV	1723	69437	0.62%	0.034%
188	16.457	16.417	16.470	VV	3455	74994	0.67%	0.036%
189	16.488	16.470	16.510	VV	4102	74752	0.67%	0.036%
190	16.579	16.510	16.594	VV	11311	315784	2.82%	0.153%
191	16.606	16.594	16.618	VV	10215	143287	1.28%	0.069%
192	16.653	16.618	16.668	VV	367632	5130023	45.88%	2.483%
193	16.684	16.668	16.709	VV	401530	5275416	47.18%	2.553%
194	16.720	16.709	16.790	VV	58197	1102016	9.86%	0.533%

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Interferences							1.62%	0.087%
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195	16.808	16.790	16.821	VV	10970	180748		
196	16.837	16.821	16.885	VV	11912	315456	2.28%	0.119%
197	16.925	16.885	16.961	VV	9382	302784	2.12%	0.107%
198	16.979	16.961	17.003	VV	12039	221280	4.61%	0.232%
199	17.037	17.003	17.077	VV	358828	5151375	46.10%	2.495%
200	17.110	17.077	17.141	VV	449015	6187241	59.75%	3.233%
201	17.151	17.141	17.164	VV	8935	109384	0.98%	0.053%
202	17.185	17.164	17.224	VV	22656	368599	3.30%	0.178%
203	17.231	17.224	17.260	VV	1906	32650	0.29%	0.016%
204	17.284	17.260	17.329	VV	1463	41267	0.37%	0.020%
205	17.355	17.329	17.384	VV	830	18013	0.16%	0.009%
206	17.442	17.384	17.462	VV	1191	30877	0.28%	0.015%
207	17.508	17.462	17.534	VV	14986	394956	3.53%	0.191%
208	17.557	17.534	17.604	VV	26057	479043	4.28%	0.232%
209	17.629	17.604	17.690	VV	4553	120993	1.08%	0.059%
210	17.718	17.690	17.740	VV	1236	27307	0.24%	0.013%
211	17.761	17.740	17.808	VV	1186	27397	0.25%	0.013%
212	17.889	17.808	17.933	PV	5027	101862	0.91%	0.049%
213	18.001	17.933	18.044	VV	422523	5955828	53.27%	2.882%
214	18.089	18.044	18.119	VV	14161	244909	2.19%	0.119%
215	18.132	18.119	18.151	VV	2280	36006	0.32%	0.017%
216	18.169	18.151	18.191	VV	2032	37239	0.33%	0.018%
217	18.222	18.191	18.257	VV	2625	52811	0.47%	0.026%
218	18.319	18.257	18.352	PV	7619	147632	1.32%	0.071%
219	18.423	18.352	18.438	VV	341041	5154385	46.10%	2.495%
220	18.453	18.438	18.640	VV	348445	6680028	59.75%	3.233%
221	18.679	18.640	18.786	VV	250105	4972330	44.47%	2.406%
222	18.833	18.786	18.904	VV	370553	5656402	50.59%	2.737%
223	18.931	18.904	18.959	VV	15878	286142	2.56%	0.138%
224	18.974	18.959	18.998	VV	5217	109007	0.97%	0.053%
225	19.015	18.998	19.071	VV	4907	109017	0.98%	0.053%
226	19.102	19.071	19.112	VV	1468	27820	0.25%	0.013%
227	19.138	19.112	19.164	VV	3699	73381	0.66%	0.036%
228	19.226	19.164	19.294	VV	30048	940892	8.42%	0.455%
229	19.331	19.294	19.384	VV	5930	285764	2.56%	0.138%
230	19.411	19.384	19.456	VV	9565	214969	1.92%	0.104%
231	19.477	19.456	19.504	VV	2712	64288	0.57%	0.031%
232	19.526	19.504	19.542	VV	2663	48815	0.44%	0.024%
233	19.566	19.542	19.577	VV	3804	61427	0.55%	0.030%
234	19.617	19.577	19.658	VV	231369	3567782	31.91%	1.727%
235	19.682	19.658	19.700	VV	10267	184307	1.65%	0.089%
236	19.725	19.700	19.782	VV	16078	405505	3.63%	0.196%
237	19.797	19.782	19.848	VV	3519	107536	0.96%	0.052%
238	19.895	19.848	19.927	VV	2895	118077	1.06%	0.057%
239	19.995	19.927	20.005	VV	8356	246005	2.20%	0.119%
240	20.022	20.005	20.084	VV	9463	303963	2.72%	0.147%
241	20.096	20.084	20.107	VV	3690	48504	0.43%	0.023%
242	20.135	20.107	20.206	VV	3983	209800	1.88%	0.102%
243	20.252	20.206	20.302	VV	6693	308687	2.76%	0.149%
244	20.357	20.302	20.438	VV	114641	2104948	18.83%	1.019%
245	20.510	20.438	20.570	VV	12600	580755	5.19%	0.281%
246	20.584	20.570	20.595	VV	5382	76434	0.68%	0.037%

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247	20.662	20.595	20.683	VV	5695	282367	2.53%	0.137%	
248	20.715	20.683	20.724	VV	6214	144858			
249	20.760	20.724	20.831	VV	9108	461071			
250	20.876	20.831	20.934	VV	6946	398236			
251	20.988	20.934	21.012	VV	6498	284487			
252	21.021	21.012	21.035	VV	5831	80300			
253	21.083	21.035	21.169	VV	50899	1310417	11.72%	0.634%	
254	21.183	21.169	21.208	VV	5406	122076	1.09%	0.059%	
255	21.228	21.208	21.283	VV	5337	224385	2.01%	0.109%	
256	21.309	21.283	21.318	VV	4627	95984	0.86%	0.046%	
257	21.346	21.318	21.371	VV	4888	147226	1.32%	0.071%	
258	21.394	21.371	21.437	VV	4670	176211	1.58%	0.085%	
259	21.542	21.437	21.606	VV	6303	474501	4.24%	0.230%	
260	21.669	21.606	21.686	VV	4229	181297	1.62%	0.088%	
261	21.719	21.686	21.784	VV	5024	235620	2.11%	0.114%	
262	21.851	21.784	21.884	VV	4188	206061	1.84%	0.100%	
263	21.970	21.884	22.121	VV	21516	855369	7.65%	0.414%	
264	22.183	22.121	22.283	VV	4549	231872	2.07%	0.112%	
265	22.317	22.283	22.353	VV	1175	30838	0.28%	0.015%	

Sum of corrected areas: 206629979

Aliphatic EPH 061025.M Thu Jun 12 01:58:07 2025

Instrument :
FID_E
ClientSampleId :
VNJ-210MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025