

rteres

Instrument :

FID_E

ClientSampleId :

M-R-SOIL

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE10152
Data File : FE056338.D
Signal(s) : FID1B.ch
Acq On : 15 Oct 2025 19:52
Sample : Q3345-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/16/2025
Supervised By :mohammad ahmed 10/17/2025

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	2.909	2.855	2.917	BV	143	-5402	-0.02%	-0.000%
2	2.941	2.917	2.990	VV	1292	26788	0.10%	0.002%
3	3.047	2.990	3.147	PV	12607	565122	2.10%	0.049%
4	3.177	3.147	3.298	VV	4529	167575	0.62%	0.014%
5	3.325	3.298	3.351	VV	1083	17683	0.07%	0.002%
6	3.418	3.351	3.495	VV	4670	123481	0.46%	0.011%
7	3.518	3.495	3.597	VV	5748	134863	0.50%	0.012%
8	3.644	3.597	3.698	VV	2827	79490	0.29%	0.007%
9	3.720	3.698	3.781	VV	6253	156536	0.58%	0.013%
10	3.796	3.781	3.821	VV	3131	55436	0.21%	0.005%
11	3.851	3.821	3.906	VV	11858	277089	1.03%	0.024%
12	3.934	3.906	3.967	VV	9516	170381	0.63%	0.015%
13	3.992	3.967	4.064	VV	18089	475383	1.76%	0.041%
14	4.091	4.064	4.155	VV	22806	400226	1.48%	0.034%
15	4.199	4.155	4.253	PV	20348	440908	1.63%	0.038%
16	4.270	4.253	4.287	VV	6765	109562	0.41%	0.009%
17	4.309	4.287	4.341	VV	10375	175707	0.65%	0.015%
18	4.383	4.341	4.521	VV	76374	1705980	6.33%	0.147%
19	4.556	4.521	4.582	VV	8012	138111	0.51%	0.012%
20	4.606	4.582	4.632	VV	5607	121930	0.45%	0.010%
21	4.660	4.632	4.681	VV	10282	163598	0.61%	0.014%
22	4.702	4.681	4.795	VV	30182	658255	2.44%	0.057%
23	4.819	4.795	4.860	VV	330913	3668102	13.60%	0.315%
24	4.897	4.860	4.928	VV	47398	952393	3.53%	0.082%
25	4.946	4.928	5.014	VV	31914	720735	2.67%	0.062%
26	5.053	5.014	5.094	VV	22100	579769	2.15%	0.050%
27	5.122	5.094	5.146	VV	26959	466625	1.73%	0.040%
28	5.174	5.146	5.216	VV	24302	543713	2.02%	0.047%
29	5.243	5.216	5.262	VV	9066	146600	0.54%	0.013%
30	5.279	5.262	5.305	VV	7397	103611	0.38%	0.009%
31	5.372	5.305	5.399	VV	25421	606660	2.25%	0.052%
32	5.452	5.399	5.528	VV	56023	1550573	5.75%	0.133%
33	5.579	5.528	5.633	VV	27691	1008792	3.74%	0.087%
34	5.677	5.633	5.698	VV	33327	688642	2.55%	0.059%
35	5.745	5.698	5.785	VV	29820	793831	2.94%	0.068%
36	5.803	5.785	5.903	VV	58078	1920408	7.12%	0.165%

				riteres				
37	5.934	5.903	5.968	VV	14459	404167	1.50%	0.035%
38	5.998	5.968	6.040	VV	132217	1894000		
39	6.118	6.040	6.182	VV	119865	4510864		
40	6.197	6.182	6.215	VV	32719	466270		
41	6.233	6.215	6.264	VV	21607	503222		
42	6.288	6.264	6.308	VV	27147	408901		
43	6.385	6.308	6.415	VV	1812919	19958882	74.01%	1.716%
44	6.432	6.415	6.458	VV	85065	1266512	4.70%	0.109%
45	6.483	6.458	6.505	VV	53743	944221	3.50%	0.081%
46	6.523	6.505	6.554	VV	49772	1128265	4.18%	0.097%
47	6.575	6.554	6.595	VV	35766	749246	2.78%	0.064%
48	6.632	6.595	6.691	VV	52828	2079496	7.71%	0.179%
49	6.711	6.691	6.728	VV	43213	738047	2.74%	0.063%
50	6.759	6.728	6.821	VV	62150	2528073	9.37%	0.217%
51	6.837	6.821	6.910	VV	52657	1980385	7.34%	0.170%
52	6.991	6.910	7.013	VV	147065	3479491	12.90%	0.299%
53	7.035	7.013	7.081	VV	78094	2064401	7.66%	0.178%
54	7.118	7.081	7.142	VV	53693	1555935	5.77%	0.134%
55	7.169	7.142	7.219	VV	114469	3172224	11.76%	0.273%
56	7.249	7.219	7.271	VV	95039	2129227	7.90%	0.183%
57	7.314	7.271	7.335	VV	63878	1944515	7.21%	0.167%
58	7.381	7.335	7.397	VV	89628	2577617	9.56%	0.222%
59	7.416	7.397	7.443	VV	113608	2129812	7.90%	0.183%
60	7.484	7.443	7.545	VV	867045	12105723	44.89%	1.041%
61	7.563	7.545	7.598	VV	168075	3443429	12.77%	0.296%
62	7.623	7.598	7.727	VV	1029682	14564725	54.01%	1.252%
63	7.788	7.727	7.819	VV	95021	4043690	14.99%	0.348%
64	7.845	7.819	7.897	VV	81452	3349625	12.42%	0.288%
65	7.922	7.897	7.937	VV	74202	1685517	6.25%	0.145%
66	7.966	7.937	7.998	VV	134630	3387033	12.56%	0.291%
67	8.016	7.998	8.037	VV	75011	1611511	5.98%	0.139%
68	8.225	8.197	8.298	VV	240923	6811068	25.26%	0.586%
69	8.322	8.298	8.339	VV	96000	2107022	7.81%	0.181%
70	8.385	8.339	8.444	VV	239134	8514451	31.57%	0.732%
71	8.494	8.444	8.539	VV	424528	11057590	41.00%	0.951%
72	8.555	8.539	8.572	VV	120305	2141903	7.94%	0.184%
73	8.607	8.572	8.700	VV	601744	16754813	62.13%	1.441%
74	8.722	8.700	8.739	VV	152551	2808466	10.41%	0.242%
75	8.791	8.739	8.823	VV	349013	11221635	41.61%	0.965%
76	8.844	8.823	8.864	VV	206024	3767056	13.97%	0.324%
77	8.885	8.864	8.914	VV	250271	4627871	17.16%	0.398%
78	8.933	8.914	8.944	VV	130539	2143291	7.95%	0.184%
79	9.041	9.021	9.061	VV	151038	3152522	11.69%	0.271%
80	9.095	9.061	9.118	VV	755714	10535117	39.07%	0.906%
81	9.141	9.118	9.168	VV	287805	5449367	20.21%	0.469%
82	9.214	9.168	9.278	VV	327265	10829893	40.16%	0.931%
83	9.369	9.278	9.420	VV	421970	14870988	55.15%	1.279%
84	9.455	9.420	9.488	VV	188977	6150795	22.81%	0.529%
85	9.506	9.488	9.526	VV	261860	4261536	15.80%	0.366%
86	9.547	9.526	9.571	VV	253853	4591726	17.03%	0.395%
87	9.595	9.571	9.628	VV	136991	4250225	15.76%	0.365%
88	9.665	9.628	9.683	VV	257796	5352723	19.85%	0.460%
89	9.697	9.683	9.728	VV	208806	3973103	14.73%	0.342%

Instrument :

FID_E

ClientSampleId :

M-R-SOIL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2025

Supervised By :mohammad ahmed 10/17/2025

Instrument :

FID_E

ClientSampleId :

M-R-SOIL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2025

Supervised By :mohammad ahmed 10/17/2025

					rt	Area	Area%	Height
90	9.749	9.728	9.766	VV	184106	3420641	12.68%	0.294%
91	9.803	9.766	9.826	VV	266289	6417144	23.68%	0.389%
92	9.844	9.826	9.861	VV	191641	3200718	11.25%	0.240%
93	9.890	9.861	9.937	VV	843076	14488587	53.00%	0.661%
94	9.965	9.937	9.995	VV	278922	6342840	23.68%	0.458%
95	10.038	9.995	10.077	VV	248514	8841295	32.20%	0.511%
96	10.098	10.077	10.127	VV	220371	4791401	17.77%	0.412%
97	10.154	10.127	10.181	VV	155831	4521117	16.77%	0.389%
98	10.207	10.181	10.231	VV	276070	5630142	20.88%	0.484%
99	10.252	10.231	10.276	VV	162318	4072632	15.10%	0.350%
100	10.311	10.276	10.358	VV	268425	8144974	30.20%	0.700%
101	10.376	10.358	10.438	VV	149795	6153037	22.82%	0.529%
102	10.472	10.438	10.548	VV	147365	7911733	29.34%	0.680%
103	10.571	10.548	10.588	VV	127198	2790416	10.35%	0.240%
104	10.636	10.588	10.658	VV	169078	5534512	20.52%	0.476%
105	10.682	10.658	10.710	VV	294744	5938519	22.02%	0.511%
106	10.774	10.710	10.797	VV	333125	10085742	37.40%	0.867%
107	10.818	10.797	10.855	VV	262553	5866526	21.75%	0.504%
108	10.893	10.855	10.935	VV	251848	7690018	28.52%	0.661%
109	10.954	10.935	10.996	VV	167146	5323221	19.74%	0.458%
110	11.104	10.996	11.138	VV	461735	18246882	67.66%	1.569%
111	11.156	11.138	11.181	VV	149409	3726685	13.82%	0.320%
112	11.200	11.181	11.256	VV	172733	6472217	24.00%	0.557%
113	11.313	11.256	11.351	VV	1745893	26967022	100.00%	2.319%
114	11.382	11.351	11.411	VV	756160	11522413	42.73%	0.991%
115	11.427	11.411	11.498	VV	174875	7333795	27.20%	0.631%
116	11.516	11.498	11.538	VV	136822	3029405	11.23%	0.261%
117	11.596	11.538	11.632	VV	207525	8628255	32.00%	0.742%
118	11.662	11.632	11.681	VV	159496	4349594	16.13%	0.374%
119	11.700	11.681	11.758	VV	228424	7687108	28.51%	0.661%
120	11.832	11.758	11.868	VV	368323	12337483	45.75%	1.061%
121	11.901	11.868	11.925	VV	236169	5512440	20.44%	0.474%
122	11.958	11.925	11.983	VV	180786	5294706	19.63%	0.455%
123	12.001	11.983	12.018	VV	146035	2858480	10.60%	0.246%
124	12.070	12.018	12.091	VV	692400	12007325	44.53%	1.033%
125	12.112	12.091	12.127	VV	430530	6426009	23.83%	0.553%
126	12.144	12.127	12.171	VV	513243	7454997	27.64%	0.641%
127	12.228	12.171	12.276	VV	438320	16509672	61.22%	1.420%
128	12.293	12.276	12.321	VV	465514	7346200	27.24%	0.632%
129	12.396	12.321	12.464	VV	183746	13221315	49.03%	1.137%
130	12.517	12.464	12.558	VV	150279	7884550	29.24%	0.678%
131	12.582	12.558	12.631	VV	257780	7362915	27.30%	0.633%
132	12.649	12.631	12.708	VV	163393	6679140	24.77%	0.574%
133	12.726	12.708	12.747	VV	156600	3259680	12.09%	0.280%
134	12.787	12.747	12.818	VV	149715	5948973	22.06%	0.512%
135	12.852	12.818	12.885	VV	157243	5707299	21.16%	0.491%
136	12.907	12.885	12.951	VV	188004	6171962	22.89%	0.531%
137	13.017	12.951	13.101	VV	358033	18102801	67.13%	1.557%
138	13.143	13.101	13.185	VV	1179513	20345553	75.45%	1.750%
139	13.193	13.185	13.214	VV	134088	2249569	8.34%	0.193%
140	13.273	13.214	13.308	VV	247301	9171149	34.01%	0.789%
141	13.324	13.308	13.408	VV	178470	8821566	32.71%	0.759%

					rters			
142	13.445	13.408	13.472	VV	1094197	16858454	62.52%	1.450%
143	13.505	13.472	13.586	VV	514139	15311332	56.11%	0.708%
144	13.606	13.586	13.678	VV	168576	7320823	27.04%	0.708%
145	13.702	13.678	13.745	VV	189353	5841461	23.11%	0.708%
146	13.766	13.745	13.808	VV	164702	4959112	18.11%	0.708%
147	13.833	13.808	13.870	VV	163498	5251015	19.33%	0.708%
148	13.896	13.870	13.961	VV	240763	8238467	30.55%	0.708%
149	14.028	13.961	14.068	VV	399824	12272147	45.51%	1.055%
150	14.091	14.068	14.111	VV	148986	3425200	12.70%	0.295%
151	14.135	14.111	14.157	VV	319306	5746342	21.31%	0.494%
152	14.177	14.157	14.235	VV	262764	7141770	26.48%	0.614%
153	14.306	14.235	14.327	VV	243039	8855307	32.84%	0.761%
154	14.346	14.327	14.435	VV	233398	8717805	32.33%	0.750%
155	14.491	14.435	14.545	VV	129331	7412959	27.49%	0.637%
156	14.554	14.545	14.575	VV	111928	1912064	7.09%	0.164%
157	14.658	14.575	14.678	VV	115748	6664579	24.71%	0.573%
158	14.730	14.678	14.805	VV	169275	9625663	35.69%	0.828%
159	14.867	14.805	14.918	VV	154150	8628926	32.00%	0.742%
160	14.946	14.918	14.985	VV	181040	5625074	20.86%	0.484%
161	15.007	14.985	15.031	VV	245997	4846764	17.97%	0.417%
162	15.050	15.031	15.108	VV	140892	5686275	21.09%	0.489%
163	15.128	15.108	15.146	VV	114560	2483212	9.21%	0.214%
164	15.191	15.146	15.236	VV	126512	5857075	21.72%	0.504%
165	15.276	15.236	15.293	VV	136085	3733273	13.84%	0.321%
166	15.325	15.293	15.346	VV	557943	9368957	34.74%	0.806%
167	15.368	15.346	15.446	VV	563713	11656577	43.23%	1.002%
168	15.485	15.446	15.535	VV	185388	6802580	25.23%	0.585%
169	15.557	15.535	15.595	VV	108967	3668836	13.60%	0.315%
170	15.627	15.595	15.649	VV	135164	3609881	13.39%	0.310%
171	15.671	15.649	15.731	VV	123827	5363349	19.89%	0.461%
172	15.763	15.731	15.847	VV	120093	7142473	26.49%	0.614%
173	15.910	15.847	15.931	VV	112734	5019256	18.61%	0.432%
174	15.951	15.931	15.971	VV	120325	2602077	9.65%	0.224%
175	15.996	15.971	16.018	VV	254436	4594065	17.04%	0.395%
176	16.035	16.018	16.063	VV	166675	3451081	12.80%	0.297%
177	16.084	16.063	16.104	VV	132937	2886569	10.70%	0.248%
178	16.159	16.104	16.214	VV	184172	8592113	31.86%	0.739%
179	16.230	16.214	16.255	VV	114301	2391798	8.87%	0.206%
180	16.275	16.255	16.294	VV	94810	2058722	7.63%	0.177%
181	16.317	16.294	16.345	VV	102035	2729515	10.12%	0.235%
182	16.421	16.345	16.468	VV	102573	6513545	24.15%	0.560%
183	16.496	16.468	16.541	VV	84476	3441231	12.76%	0.296%
184	16.596	16.541	16.654	VV	106677	6027294	22.35%	0.518%
185	16.699	16.654	16.738	VV	112008	4891869	18.14%	0.421%
186	16.799	16.738	16.841	VV	113828	6003585	22.26%	0.516%
187	16.894	16.841	16.991	VV	455777	15180439	56.29%	1.305%
188	17.021	16.991	17.124	VV	184986	8186746	30.36%	0.704%
189	17.214	17.124	17.243	VV	293930	10014888	37.14%	0.861%
190	17.275	17.243	17.319	VV	399990	8036767	29.80%	0.691%
191	17.373	17.319	17.401	VV	162267	5269152	19.54%	0.453%
192	17.419	17.401	17.441	VV	100533	2180146	8.08%	0.187%
193	17.517	17.441	17.555	VV	113059	6557184	24.32%	0.564%
194	17.572	17.555	17.591	VV	101885	2031080	7.53%	0.175%

Instrument :

FID_E

ClientSampleId :

M-R-SOIL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2025

Supervised By :mohammad ahmed 10/17/2025

							Instrument : FID_E	
							ClientSampleId : M-R-SOIL	
195	17.637	17.591	17.715	VV	128344	7720585	28.63%	0.664%
196	17.776	17.715	17.828	VV	109059	6080152	Manual IntegrationsAPPROVED	
197	17.857	17.828	17.901	VV	92965	3615110		
198	17.930	17.901	18.015	VV	113873	5784994		
199	18.033	18.015	18.090	VV	75310	3233318		
200	18.139	18.090	18.178	VV	72988	3576469		
201	18.227	18.178	18.293	VV	87320	5137913	19.05%	0.442%
202	18.316	18.293	18.335	VV	72218	1705357	6.32%	0.147%
203	18.362	18.335	18.378	VV	83204	1950484	7.23%	0.168%
204	18.418	18.378	18.463	VV	83842	3802127	14.10%	0.327%
205	18.501	18.463	18.525	VV	65312	2366060	8.77%	0.203%
206	18.553	18.525	18.618	VV	96121	4093448	15.18%	0.352%
207	18.647	18.618	18.740	VV	161676	6469505	23.99%	0.556%
208	18.771	18.740	18.866	VV	86185	5244570	19.45%	0.451%
209	18.902	18.866	18.971	VV	140192	4836277	17.93%	0.416%
210	18.980	18.971	18.996	VV	59239	874400	3.24%	0.075%
211	19.036	18.996	19.108	VV	72736	3951243	14.65%	0.340%
212	19.137	19.108	19.154	VV	53304	1417328	5.26%	0.122%
213	19.182	19.154	19.203	VV	53905	1511069	5.60%	0.130%
214	19.229	19.203	19.287	VV	54970	2578814	9.56%	0.222%
215	19.335	19.287	19.388	VV	54278	3047477	11.30%	0.262%
216	19.422	19.388	19.444	VV	53345	1684309	6.25%	0.145%
217	19.461	19.444	19.541	VV	56044	2827180	10.48%	0.243%
218	19.586	19.541	19.638	VV	52323	2738333	10.15%	0.235%
219	19.652	19.638	19.734	VV	47182	2524206	9.36%	0.217%
220	19.747	19.734	19.791	VV	42787	1405079	5.21%	0.121%
221	19.847	19.791	19.944	VV	52136	4096798	15.19%	0.352%
222	19.982	19.944	20.008	VV	44798	1608002	5.96%	0.138%
223	20.061	20.008	20.101	VV	53504	2647294	9.82%	0.228%
224	20.140	20.101	20.188	VV	57668	2639994	9.79%	0.227%
225	20.218	20.188	20.328	VV	56584	4138036	15.34%	0.356%
226	20.372	20.328	20.403	VV	47373	2040956	7.57%	0.176%
227	20.448	20.403	20.491	VV	55441	2623494	9.73%	0.226%
228	20.542	20.491	20.561	VV	51314	2103804	7.80%	0.181%
229	20.583	20.561	20.611	VV	53468	1523823	5.65%	0.131%
230	20.668	20.611	20.710	VV	50836	2920729	10.83%	0.251%
231	20.757	20.710	20.898	VV	52603	5269290	19.54%	0.453%
232	20.953	20.898	21.021	VV	43037	2999114	11.12%	0.258%
233	21.037	21.021	21.058	VV	37884	830405	3.08%	0.071%
234	21.083	21.058	21.271	VV	38388	4429627	16.43%	0.381%
235	21.314	21.271	21.428	VV	31480	2722567	10.10%	0.234%
236	21.437	21.428	21.571	VV	27208	1992800	7.39%	0.171%
237	21.578	21.571	21.598	VV	21222	311960	1.16%	0.027%
238	21.612	21.598	21.635	VV	19940	423546	1.57%	0.036%
239	21.652	21.635	21.665	VV	19266	342020	1.27%	0.029%
240	21.683	21.665	21.811	VV	19361	1502315	5.57%	0.129%
241	21.829	21.811	22.025	VV	16292	1664772	6.17%	0.143%
242	22.050	22.025	22.294	VV	11074	1042877	3.87%	0.090%
243	22.334	22.294	22.381	VV	4295	141504	0.52%	0.012%
244	22.424	22.381	22.461	VV	2567	89346	0.33%	0.008%
245	22.480	22.461	22.538	VV	2122	39443	0.15%	0.003%

Sum of corrected areas: 1162896916

rteres

Aliphatic EPH 092425.M Thu Oct 16 08:07:18 2025

Instrument :
FID_E
ClientSampleId :
M-R-SOIL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2025
Supervised By :mohammad ahmed 10/17/2025