

Instrument :

FID_E

ClientSampleId :

TP-2MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE

Data File : FE047913.D

Signal(s) : FID1B.ch

Acq On : 01 May 2024 18:03

Sample : P2323-04MSD

Misc :

ALS Vial : 14 Sample Multiplier: 1

Reviewed By :Yogesh Patel 05/02/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.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	3.204	3.154	3.288	BV	913	14040	0.13%	0.006%
2	3.301	3.288	3.323	PV	286	3069	0.03%	0.001%
3	3.355	3.323	3.488	PV	435249	4278361	39.52%	1.939%
4	3.497	3.488	3.550	VV	272	5094	0.05%	0.002%
5	3.564	3.550	3.625	VV	155	4680	0.04%	0.002%
6	3.638	3.625	3.661	PV	146	1628	0.02%	0.001%
7	3.694	3.661	3.768	VV	10569	117835	1.09%	0.053%
8	3.779	3.768	3.809	VV	294	5286	0.05%	0.002%
9	3.824	3.809	3.881	VV	547	5984	0.06%	0.003%
10	3.889	3.881	3.920	PV	43	1024	0.01%	0.000%
11	3.939	3.920	4.013	VV	536	7961	0.07%	0.004%
12	4.034	4.013	4.110	PV	243	5258	0.05%	0.002%
13	4.140	4.110	4.170	PV	894	11747	0.11%	0.005%
14	4.188	4.170	4.289	VV	476	10032	0.09%	0.005%
15	4.330	4.289	4.358	VV	2126	23745	0.22%	0.011%
16	4.372	4.358	4.458	VV	251	6478	0.06%	0.003%
17	4.460	4.458	4.474	VV	90	547	0.01%	0.000%
18	4.483	4.474	4.511	VV	125	1952	0.02%	0.001%
19	4.534	4.511	4.567	VV	167	3151	0.03%	0.001%
20	4.607	4.567	4.626	PV	507900	4895448	45.22%	2.218%
21	4.645	4.626	4.748	VV	482342	4857359	44.87%	2.201%
22	4.765	4.748	4.814	VV	847	17231	0.16%	0.008%
23	4.832	4.814	4.867	VV	336	6212	0.06%	0.003%
24	4.890	4.867	4.904	VV	363	4623	0.04%	0.002%
25	4.913	4.904	4.938	VV	308	3798	0.04%	0.002%
26	4.944	4.938	4.954	VV	124	1105	0.01%	0.001%
27	4.970	4.954	5.008	VV	273	5117	0.05%	0.002%
28	5.018	5.008	5.036	VV	215	2155	0.02%	0.001%
29	5.062	5.036	5.094	PV	198	4154	0.04%	0.002%
30	5.107	5.094	5.181	VV	221	4168	0.04%	0.002%
31	5.190	5.181	5.231	PV	162	705	0.01%	0.000%

32	5.264	5.231	5.286	VV	913	10545	0.10%	0.005%
33	5.305	5.286	5.351	VV	463	717		
34	5.367	5.351	5.378	VV	126	145		
35	5.393	5.378	5.410	VV	346	323		
36	5.422	5.410	5.433	VV	177	169		
37	5.449	5.433	5.481	VV	399	4622	0.04%	0.002%
38	5.502	5.481	5.523	PV	135	1604	0.01%	0.001%
39	5.546	5.523	5.582	VV	638	8705	0.08%	0.004%
40	5.600	5.582	5.658	VV	572	8350	0.08%	0.004%
41	5.661	5.658	5.677	VV	89	361	0.00%	0.000%
42	5.689	5.677	5.718	VV	75	1035	0.01%	0.000%
43	5.740	5.718	5.757	PV	1446	14879	0.14%	0.007%
44	5.775	5.757	5.828	VV	2288	28762	0.27%	0.013%
45	5.846	5.828	5.894	VV	478	5975	0.06%	0.003%
46	5.930	5.894	5.965	PV	156	3746	0.03%	0.002%
47	5.991	5.965	6.038	VV	3080	31044	0.29%	0.014%
48	6.058	6.038	6.098	VV	114	2480	0.02%	0.001%
49	6.105	6.098	6.138	VV	138	1627	0.02%	0.001%
50	6.142	6.138	6.193	VV	99	2275	0.02%	0.001%
51	6.214	6.193	6.264	PV	75	729	0.01%	0.000%
52	6.314	6.264	6.368	VV	533326	5225752	48.27%	2.368%
53	6.381	6.368	6.449	VV	7133	127503	1.18%	0.058%
54	6.479	6.449	6.587	VV	1005	46322	0.43%	0.021%
55	6.609	6.587	6.647	VV	756	16020	0.15%	0.007%
56	6.657	6.647	6.734	VV	399	12859	0.12%	0.006%
57	6.772	6.734	6.829	VV	526814	5372443	49.62%	2.434%
58	6.847	6.829	6.873	VV	1000	15767	0.15%	0.007%
59	6.895	6.873	6.962	VV	4401	59211	0.55%	0.027%
60	6.975	6.962	7.032	VV	222	5116	0.05%	0.002%
61	7.054	7.032	7.076	VV	158	2891	0.03%	0.001%
62	7.095	7.076	7.149	PV	189	4213	0.04%	0.002%
63	7.191	7.149	7.212	PV	379	5970	0.06%	0.003%
64	7.255	7.212	7.290	VV	2312	28660	0.26%	0.013%
65	7.312	7.290	7.367	VV	5308	57370	0.53%	0.026%
66	7.410	7.367	7.528	VV	537914	5397483	49.86%	2.446%
67	7.547	7.528	7.575	VV	1229	23577	0.22%	0.011%
68	7.607	7.575	7.624	VV	1603	28838	0.27%	0.013%
69	7.631	7.624	7.668	VV	1021	14884	0.14%	0.007%
70	7.683	7.668	7.701	VV	806	10782	0.10%	0.005%
71	7.717	7.701	7.764	VV	1503	21762	0.20%	0.010%
72	7.780	7.764	7.793	VV	379	4673	0.04%	0.002%
73	7.806	7.793	7.825	VV	327	4417	0.04%	0.002%
74	7.835	7.825	7.849	VV	210	1839	0.02%	0.001%
75	7.866	7.849	7.881	VV	189	2145	0.02%	0.001%
76	7.894	7.881	7.918	VV	438	4660	0.04%	0.002%
77	7.936	7.918	7.971	VV	219	2878	0.03%	0.001%
78	8.130	8.117	8.168	VV	1381	32665	0.30%	0.015%
79	8.173	8.168	8.229	VV	797	18399	0.17%	0.008%

Instrument :

FID_E

ClientSampleId :

TP-2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/02/2024

Supervised By :mohammad ahmed 05/02/2024

						Instrument : FID_E		
						ClientSampled : TP-2MSD		
80	8.248	8.229	8.274	VV	371	7695	0.07%	0.003%
						Manual IntegrationsAPPR		
81	8.291	8.274	8.321	VV	685	907		
82	8.348	8.321	8.363	VV	690	1012		
83	8.374	8.363	8.395	VV	291	366	Reviewed By :Yogesh Patel	
84	8.423	8.395	8.473	PV	317	647	Supervised By :mohammad a	
85	8.495	8.473	8.522	VV	433	8152	0.08%	0.004%
86	8.531	8.522	8.545	VV	203	2126	0.02%	0.001%
87	8.602	8.545	8.678	VV	553034	5787985	53.46%	2.623%
88	8.714	8.678	8.880	VV	550309	5590021	51.63%	2.533%
89	9.013	8.984	9.057	VV	555935	5595185	51.68%	2.535%
90	9.068	9.057	9.116	VV	2841	63032	0.58%	0.029%
91	9.133	9.116	9.181	VV	1024	27196	0.25%	0.012%
92	9.210	9.181	9.249	VV	736	20368	0.19%	0.009%
93	9.285	9.249	9.313	VV	1675	24969	0.23%	0.011%
94	9.338	9.313	9.396	VV	760	19960	0.18%	0.009%
95	9.426	9.396	9.444	VV	1345	21558	0.20%	0.010%
96	9.462	9.444	9.470	VV	3539	36725	0.34%	0.017%
97	9.480	9.470	9.575	VV	4078	51686	0.48%	0.023%
98	9.589	9.575	9.624	PV	114	2634	0.02%	0.001%
99	9.638	9.624	9.648	VV	166	1405	0.01%	0.001%
100	9.666	9.648	9.704	PV	223	4330	0.04%	0.002%
101	9.750	9.704	9.771	PV	1562	24221	0.22%	0.011%
102	9.803	9.771	9.926	VV	532387	5668376	52.36%	2.568%
103	9.944	9.926	9.963	VV	1191	21637	0.20%	0.010%
104	9.986	9.963	10.000	VV	2980	39873	0.37%	0.018%
105	10.015	10.000	10.067	VV	3823	59079	0.55%	0.027%
106	10.142	10.067	10.174	VV	1114	35044	0.32%	0.016%
107	10.210	10.174	10.280	VV	552887	6085133	56.21%	2.757%
108	10.302	10.280	10.367	VV	647	19816	0.18%	0.009%
109	10.379	10.367	10.404	VV	271	3734	0.03%	0.002%
110	10.489	10.404	10.528	VV	499	16715	0.15%	0.008%
111	10.547	10.528	10.574	VV	425	8285	0.08%	0.004%
112	10.598	10.574	10.626	VV	707	14140	0.13%	0.006%
113	10.648	10.626	10.669	VV	659	12636	0.12%	0.006%
114	10.685	10.669	10.709	VV	467	9023	0.08%	0.004%
115	10.742	10.709	10.774	VV	466	13104	0.12%	0.006%
116	10.793	10.774	10.813	VV	341	6296	0.06%	0.003%
117	10.875	10.813	10.890	VV	829	28436	0.26%	0.013%
118	10.903	10.890	10.924	VV	829	13124	0.12%	0.006%
119	10.947	10.924	10.983	VV	1643	31820	0.29%	0.014%
120	11.011	10.983	11.071	VV	4865	79781	0.74%	0.036%
121	11.081	11.071	11.108	VV	613	11154	0.10%	0.005%
122	11.210	11.108	11.253	VV	486450	5411902	49.99%	2.452%
123	11.286	11.253	11.429	VV	471994	5501611	50.82%	2.493%
124	11.453	11.429	11.480	VV	7684	121807	1.13%	0.055%
125	11.498	11.480	11.552	VV	2309	76996	0.71%	0.035%
126	11.582	11.552	11.607	VV	1946	51479	0.48%	0.023%

127	11.653	11.607	11.706	VV	527139	6358871	58.74%	2.881%
128	11.728	11.706	11.780	VV	2035	6808		
129	11.811	11.780	11.827	VV	1334	3194		
130	11.843	11.827	11.880	VV	1083	3113		
131	11.912	11.880	11.934	VV	1448	3826		
132	11.974	11.934	12.054	VV	476501	5145669	47.53%	2.332%
133	12.067	12.054	12.091	VV	1677	32438	0.30%	0.015%
134	12.107	12.091	12.143	VV	1591	43970	0.41%	0.020%
135	12.160	12.143	12.175	VV	1638	28328	0.26%	0.013%
136	12.187	12.175	12.233	VV	1478	42699	0.39%	0.019%
137	12.256	12.233	12.288	VV	1415	40063	0.37%	0.018%
138	12.320	12.288	12.352	VV	2021	53866	0.50%	0.024%
139	12.371	12.352	12.394	VV	1886	35660	0.33%	0.016%
140	12.414	12.394	12.451	VV	1807	43332	0.40%	0.020%
141	12.458	12.451	12.508	VV	1060	32413	0.30%	0.015%
142	12.565	12.508	12.623	VV	33448	430899	3.98%	0.195%
143	12.646	12.623	12.718	VV	3457	105207	0.97%	0.048%
144	12.750	12.718	12.761	VV	1500	34219	0.32%	0.016%
145	12.785	12.761	12.841	VV	3593	78688	0.73%	0.036%
146	12.857	12.841	12.877	VV	1069	20628	0.19%	0.009%
147	12.908	12.877	12.928	VV	1398	34321	0.32%	0.016%
148	12.963	12.928	12.996	VV	544964	6370301	58.84%	2.887%
149	13.032	12.996	13.188	VV	448874	5414600	50.01%	2.453%
150	13.214	13.188	13.271	VV	7088	137750	1.27%	0.062%
151	13.283	13.271	13.291	VV	1343	15402	0.14%	0.007%
152	13.331	13.291	13.367	VV	451007	5299648	48.95%	2.401%
153	13.407	13.367	13.494	VV	317037	4134496	38.19%	1.873%
154	13.517	13.494	13.536	VV	2401	52900	0.49%	0.024%
155	13.575	13.536	13.738	VV	511546	6329996	58.47%	2.868%
156	13.796	13.738	13.864	VV	6781	142313	1.31%	0.064%
157	13.887	13.864	13.897	VV	1015	19185	0.18%	0.009%
158	13.916	13.897	13.931	VV	1247	21869	0.20%	0.010%
159	13.951	13.931	13.972	VV	1347	26434	0.24%	0.012%
160	13.999	13.972	14.088	VV	1860	71191	0.66%	0.032%
161	14.109	14.088	14.123	VV	2000	30490	0.28%	0.014%
162	14.161	14.123	14.273	VV	496839	6174030	57.03%	2.798%
163	14.291	14.273	14.313	VV	479	10606	0.10%	0.005%
164	14.336	14.313	14.361	VV	1315	20586	0.19%	0.009%
165	14.380	14.361	14.419	VV	557	15198	0.14%	0.007%
166	14.427	14.419	14.441	VV	295	3590	0.03%	0.002%
167	14.485	14.441	14.503	VV	402	11494	0.11%	0.005%
168	14.554	14.503	14.576	VV	1259	34214	0.32%	0.016%
169	14.594	14.576	14.621	VV	1087	19365	0.18%	0.009%
170	14.632	14.621	14.651	VV	509	7571	0.07%	0.003%
171	14.673	14.651	14.693	VV	514	8496	0.08%	0.004%
172	14.722	14.693	14.760	VV	2749	45809	0.42%	0.021%
173	14.782	14.760	14.803	VV	760	14697	0.14%	0.007%
174	14.821	14.803	14.881	VV	388	11122	0.10%	0.005%

Instrument :

FID_E

ClientSampleId :

TP-2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/02/2024

Supervised By :mohammad ahmed 05/02/2024

175	14.891	14.881	14.921	VV	247	3372	0.03%	0.002%
176	14.939	14.921	14.968	PV	594	863		
177	14.980	14.968	14.991	PBA	79	-213		
178	15.012	14.991	15.040	BV	141	202		
179	15.072	15.040	15.086	PV	233	346		
180	15.112	15.086	15.138	VV	498	10504	0.10%	0.005%
181	15.157	15.138	15.166	VV	210	2867	0.03%	0.001%
182	15.209	15.166	15.229	VV	326364	4145972	38.30%	1.879%
183	15.258	15.229	15.418	VV	655121	10826257	100.00%	4.906%
184	15.428	15.418	15.570	VV	3938	223370	2.06%	0.101%
185	15.592	15.570	15.607	VV	1916	37858	0.35%	0.017%
186	15.641	15.607	15.720	VV	22520	436698	4.03%	0.198%
187	15.735	15.720	15.754	VV	1408	25864	0.24%	0.012%
188	15.779	15.754	15.817	VV	5712	101314	0.94%	0.046%
189	15.857	15.817	15.901	VV	5685	103300	0.95%	0.047%
190	15.916	15.901	15.940	VV	596	12143	0.11%	0.006%
191	15.956	15.940	15.991	VV	452	11999	0.11%	0.005%
192	16.043	15.991	16.070	VV	477	15003	0.14%	0.007%
193	16.109	16.070	16.137	VV	602	14794	0.14%	0.007%
194	16.162	16.137	16.218	VV	817	21437	0.20%	0.010%
195	16.284	16.218	16.328	VV	461081	6032553	55.72%	2.734%
196	16.342	16.328	16.384	VV	578	9875	0.09%	0.004%
197	16.425	16.384	16.433	VV	162	2791	0.03%	0.001%
198	16.479	16.433	16.521	PV	205	6380	0.06%	0.003%
199	16.582	16.521	16.611	PV	712	14070	0.13%	0.006%
200	16.658	16.611	16.693	VV	2179	36959	0.34%	0.017%
201	16.766	16.693	16.781	VV	291713	4028307	37.21%	1.825%
202	16.798	16.781	16.881	VV	306486	4387929	40.53%	1.988%
203	16.891	16.881	17.012	VV	7158	351871	3.25%	0.159%
204	17.023	17.012	17.052	VV	2758	63510	0.59%	0.029%
205	17.084	17.052	17.097	VV	2996	71925	0.66%	0.033%
206	17.146	17.097	17.196	VV	240768	3579495	33.06%	1.622%
207	17.233	17.196	17.266	VV	463065	6277636	57.99%	2.845%
208	17.278	17.266	17.358	VV	7657	239493	2.21%	0.109%
209	17.366	17.358	17.404	VV	2471	61164	0.56%	0.028%
210	17.422	17.404	17.465	VV	1851	62194	0.57%	0.028%
211	17.490	17.465	17.501	VV	1493	29786	0.28%	0.013%
212	17.509	17.501	17.541	VV	1367	28856	0.27%	0.013%
213	17.572	17.541	17.580	VV	1573	28680	0.26%	0.013%
214	17.599	17.580	17.633	VV	2063	48308	0.45%	0.022%
215	17.679	17.633	17.712	VV	5910	110666	1.02%	0.050%
216	17.721	17.712	17.729	VV	412	3728	0.03%	0.002%
217	17.763	17.729	17.787	VV	989	19409	0.18%	0.009%
218	17.805	17.787	17.831	VV	442	9871	0.09%	0.004%
219	17.868	17.831	17.877	VV	179	5039	0.05%	0.002%
220	17.911	17.877	17.934	VV	341	7036	0.06%	0.003%
221	18.008	17.934	18.041	PV	4613	72207	0.67%	0.033%

Instrument :

FID_E

ClientSampleId :

TP-2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/02/2024

Supervised By :mohammad ahmed 05/02/2024

222	18.121	18.041	18.171	VV	437745	6105032	56.39%	2.766%
223	18.207	18.171	18.238	VV	2518	4028		
224	18.271	18.238	18.289	PV	638	643		
225	18.307	18.289	18.321	PV	294	255		
226	18.355	18.321	18.384	PV	594	823		
227	18.515	18.384	18.532	PV	176559	2794294	25.81%	1.266%
228	18.551	18.532	18.716	VV	164642	3443026	31.80%	1.560%
229	18.770	18.716	18.906	VV	200404	3732944	34.48%	1.691%
230	18.951	18.906	19.007	VV	432900	6369920	58.84%	2.886%
231	19.048	19.007	19.094	VV	5414	204414	1.89%	0.093%
232	19.109	19.094	19.141	VV	3315	73320	0.68%	0.033%
233	19.151	19.141	19.161	VV	1938	23046	0.21%	0.010%
234	19.309	19.161	19.331	VV	8636	303964	2.81%	0.138%
235	19.342	19.331	19.399	VV	5821	162873	1.50%	0.074%
236	19.420	19.399	19.446	VV	2474	62101	0.57%	0.028%
237	19.492	19.446	19.504	VV	2024	68602	0.63%	0.031%
238	19.515	19.504	19.528	VV	2021	27232	0.25%	0.012%
239	19.546	19.528	19.590	VV	3301	79322	0.73%	0.036%
240	19.642	19.590	19.658	VV	1709	58335	0.54%	0.026%
241	19.735	19.658	19.779	VV	432691	6345824	58.62%	2.875%
242	19.799	19.779	19.816	VV	4302	80283	0.74%	0.036%
243	19.841	19.816	19.870	VV	4145	111413	1.03%	0.050%
244	19.913	19.870	19.946	VV	3547	131943	1.22%	0.060%
245	20.023	19.946	20.035	VV	3081	144857	1.34%	0.066%
246	20.102	20.035	20.127	VV	7373	241132	2.23%	0.109%
247	20.357	20.127	20.392	VV	8698	942226	8.70%	0.427%
248	20.474	20.392	20.532	VV	442636	6944687	64.15%	3.147%
249	20.636	20.532	20.715	VV	22153	1543877	14.26%	0.700%
250	20.829	20.715	20.894	VV	15300	1448705	13.38%	0.656%
251	20.930	20.894	21.033	VV	12782	985328	9.10%	0.446%
252	21.138	21.033	21.153	VV	10783	746879	6.90%	0.338%
253	21.216	21.153	21.318	VV	372086	7645628	70.62%	3.464%
254	21.327	21.318	21.432	VV	10269	646645	5.97%	0.293%
255	21.441	21.432	21.501	VV	8485	335579	3.10%	0.152%
256	21.549	21.501	21.598	VV	7683	430252	3.97%	0.195%
257	21.642	21.598	21.708	VV	7315	433823	4.01%	0.197%
258	21.712	21.708	21.764	VV	5796	184346	1.70%	0.084%
259	21.775	21.764	21.847	VV	4941	199981	1.85%	0.091%
260	21.931	21.847	22.064	VV	2847	300289	2.77%	0.136%
261	22.146	22.064	22.301	VBA	281173	6852444	63.29%	3.105%
Sum of corrected areas:						220689549		

Instrument :

FID_E

ClientSampleId :

TP-2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/02/2024

Supervised By :mohammad ahmed 05/02/2024

Aliphatic EPH 042724.M Thu May 02 03:20:37 2024