

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120721AL\
 Data File : FC057276.D
 Signal(s) : FID1A.CH
 Acq On : 08 Dec 2021 00:23
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/08/2021
 Supervised By :mohammad ahmed 12/08/2021

Integration File: sample.E
 Quant Time: Dec 08 00:59:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.581	2348107	20.234 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
12) S 1-chlorooctadecane (S...	13.013	1818036	19.970 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T n-Nonane (C9)	3.347	2162471	21.341 ug/ml
2) T n-Decane (C10)	4.414	2231588	22.285 ug/ml
3) T A~Naphthalene (C11.7)	6.002	2438562	21.839 ug/ml
4) T n-Dodecane (C12)	6.430	2256687	22.257 ug/ml
5) T A~2-methylnaphthalene...	7.058	2449505	22.216 ug/ml
6) T n-Tetradecane (C14)	8.224	2250781	22.215 ug/ml
7) T n-Hexadecane (C16)	9.822	2244140	21.869 ug/ml
8) T n-Octadecane (C18)	11.262	2278557	21.267 ug/ml
10) T n-Eicosane (C20)	12.569	2205035	20.616 ug/ml
11) T n-Heneicosane (C21)	13.180	2190729	20.230 ug/ml
13) T n-Docosane (C22)	13.765	2144331	20.015 ug/ml
14) T n-Tetracosane (C24)	14.864	2115430	19.541 ug/ml
15) T n-Hexacosane (C26)	15.882	2022225	18.985 ug/ml
16) T n-Octacosane (C28)	16.828	1992582	18.681 ug/ml
17) T n-Tricontane (C30)	17.712	1976024	18.539 ug/ml
18) T n-Dotriacontane (C32)	18.541	1940235	18.394 ug/ml
19) T n-Tetratriacontane (C34)	19.322	1930842	18.586 ug/ml
20) T n-Hexatriacontane (C36)	20.057	1892131	18.733 ug/mlm
21) T n-Octatriacontane (C38)	20.786	1825923	19.891 ug/ml
22) T n-Tetracontane (C40)	21.691	1854009	20.581 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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