

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057564.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 10:45
 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 :Yogesh Patel 12/23/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: sample.E
 Quant Time: Dec 17 12:05:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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)	10.814	2655948	19.086 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
12) S 1-chlorooctadecane (S...	12.252	2031689	18.346 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
Target Compounds			
1) T n-Nonane (C9)	2.681	2562948	20.744 ug/ml
2) T n-Decane (C10)	3.685	2609193	20.948 ug/ml
3) T A~Naphthalene (C11.7)	5.241	2908172	20.962 ug/ml
4) T n-Dodecane (C12)	5.672	2594691	21.011 ug/ml
5) T A~2-methylnaphthalene...	6.290	2921735	20.893 ug/ml
6) T n-Tetradecane (C14)	7.462	2582117	20.853 ug/ml
7) T n-Hexadecane (C16)	9.061	2547070	20.314 ug/ml
8) T n-Octadecane (C18)	10.502	2540435	19.627 ug/ml
10) T n-Eicosane (C20)	11.809	2435743	18.749 ug/ml
11) T n-Heneicosane (C21)	12.421	2416072	18.409 ug/ml
13) T n-Docosane (C22)	13.006	2357514	17.936 ug/ml
14) T n-Tetracosane (C24)	14.108	2304950	17.330 ug/ml
15) T n-Hexacosane (C26)	15.128	2217224	16.909 ug/ml
16) T n-Octacosane (C28)	16.077	2193311	16.679 ug/ml
17) T n-Tricontane (C30)	16.966	2220973	16.251 ug/ml
18) T n-Dotriacontane (C32)	17.801	2203443	16.434 ug/mlm
19) T n-Tetratriacontane (C34)	18.583	2205361	16.913 ug/ml
20) T n-Hexatriacontane (C36)	19.322	2149496	18.103 ug/ml
21) T n-Octatriacontane (C38)	20.047	2173994	19.794 ug/ml
22) T n-Tetracontane (C40)	20.927	2087328	20.906 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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