

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112123AL\
 Data File : FC065273.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2023 20:22
 Operator : YP/AJ
 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 11/22/2023
 Supervised By :Ankita Jodhani 11/22/2023

Integration File: autoint1.e
 Quant Time: Nov 21 22:52:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.507	4561791	20.727 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
12) S 1-chlorooctadecane (S...	12.938	3304347	20.902 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
Target Compounds			
1) T n-Nonane (C9)	3.306	3925045	20.760 ug/ml
2) T n-Decane (C10)	4.366	4004238	21.059 ug/ml
3) T A~Naphthalene (C11.7)	5.947	4101206	21.242 ug/ml
4) T n-Dodecane (C12)	6.376	4049282	20.962 ug/ml
5) T A~2-methylnaphthalene...	7.001	3895023	21.196 ug/ml
6) T n-Tetradecane (C14)	8.166	3964446	21.010 ug/ml
7) T n-Hexadecane (C16)	9.759	3959658	20.948 ug/ml
8) T n-Octadecane (C18)	11.192	3963900	21.003 ug/ml
10) T n-Eicosane (C20)	12.496	3741360	20.811 ug/ml
11) T n-Heneicosane (C21)	13.105	3643455	20.752 ug/ml
13) T n-Docosane (C22)	13.688	3564013	20.749 ug/ml
14) T n-Tetracosane (C24)	14.786	3430145	20.594 ug/ml
15) T n-Hexacosane (C26)	15.801	3287389	20.481 ug/ml
16) T n-Octacosane (C28)	16.749	3194261	20.410 ug/mlm
17) T n-Tricontane (C30)	17.630	3249807	20.517 ug/ml
18) T n-Dotriacontane (C32)	18.459	3250489	20.587 ug/ml
19) T n-Tetratriacontane (C34)	19.239	3143389	20.594 ug/ml
20) T n-Hexatriacontane (C36)	19.976	3133117	20.766 ug/ml
21) T n-Octatriacontane (C38)	20.695	3025694	20.332 ug/ml
22) T n-Tetracontane (C40)	21.573	3081549	20.952 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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