

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101422AL\
 Data File : FC061800.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2022 10:25
 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 10/17/2022
 Supervised By :Ankita Jodhani 10/17/2022

Integration File: autoint1.e
 Quant Time: Oct 15 16:13:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 2022
 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)	11.589	2911612	17.037 ug/ml
Spiked Amount 50.000		Recovery =	34.07%
12) S 1-chlorooctadecane (S...	13.026	2293557	16.789 ug/ml
Spiked Amount 50.000		Recovery =	33.58%
Target Compounds			
1) T n-Nonane (C9)	3.344	2711577	18.166 ug/ml
2) T n-Decane (C10)	4.413	2839679	18.825 ug/ml
3) T A~Naphthalene (C11.7)	5.999	3043825	18.355 ug/ml
4) T n-Dodecane (C12)	6.430	2881679	18.951 ug/ml
5) T A~2-methylnaphthalene...	7.055	2985181	18.148 ug/ml
6) T n-Tetradecane (C14)	8.227	2878314	18.879 ug/ml
7) T n-Hexadecane (C16)	9.828	2878201	18.614 ug/ml
8) T n-Octadecane (C18)	11.271	2863782	18.166 ug/ml
10) T n-Eicosane (C20)	12.582	2795654	17.544 ug/ml
11) T n-Heneicosane (C21)	13.194	2728547	17.007 ug/ml
13) T n-Docosane (C22)	13.780	2758939	17.172 ug/ml
14) T n-Tetracosane (C24)	14.883	2748209	17.156 ug/ml
15) T n-Hexacosane (C26)	15.903	2727216	17.203 ug/ml
16) T n-Octacosane (C28)	16.853	2803247	18.086 ug/ml
17) T n-Tricontane (C30)	17.741	3023976	19.650 ug/ml
18) T n-Dotriacontane (C32)	18.573	3043348	20.127 ug/ml
19) T n-Tetratriacontane (C34)	19.356	2772361	19.552 ug/mlm
20) T n-Hexatriacontane (C36)	20.096	2558021	18.529 ug/mlm
21) T n-Octatriacontane (C38)	20.834	2480475	19.153 ug/ml
22) T n-Tetracontane (C40)	21.751	2327527	19.046 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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