

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121324AL\
 Data File : FC068005.D
 Signal(s) : FID1A.ch
 Acq On : 13 Dec 2024 08:10
 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 12/16/2024
 Supervised By :Ankita Jodhani 12/16/2024

Integration File: autoint1.e
 Quant Time: Dec 13 22:43:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 2024
 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)	11.464	3245079	18.767 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
12) S 1-chlorooctadecane (S...	12.903	2421792	18.980 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	3.249	2854595	18.373 ug/ml
2) T n-Decane (C10)	4.311	2918931	18.413 ug/ml
3) T A~Naphthalene (C11.7)	5.885	3220073	18.445 ug/ml
4) T n-Dodecane (C12)	6.325	2960236	18.385 ug/ml
5) T A~2-methylnaphthalene...	6.941	3122366	18.635 ug/ml
6) T n-Tetradecane (C14)	8.117	2927686	18.413 ug/ml
7) T n-Hexadecane (C16)	9.715	3019490	18.690 ug/ml
8) T n-Octadecane (C18)	11.154	3022528	18.827 ug/ml
10) T n-Eicosane (C20)	12.461	2854048	18.973 ug/ml
11) T n-Heneicosane (C21)	13.072	2776251	19.000 ug/ml
13) T n-Docosane (C22)	13.658	2743046	19.163 ug/ml
14) T n-Tetracosane (C24)	14.759	2691241	19.369 ug/ml
15) T n-Hexacosane (C26)	15.778	2624159	19.623 ug/mlm
16) T n-Octacosane (C28)	16.725	2631224	20.285 ug/ml
17) T n-Tricontane (C30)	17.612	2768024	21.368 ug/ml
18) T n-Dotriacontane (C32)	18.442	2719808	21.954 ug/ml
19) T n-Tetratriacontane (C34)	19.224	2373087	21.742 ug/ml
20) T n-Hexatriacontane (C36)	19.962	1999870	21.138 ug/ml
21) T n-Octatriacontane (C38)	20.680	1856438	20.522 ug/ml
22) T n-Tetracontane (C40)	21.555	1795264	20.369 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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