

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121824AL\
 Data File : FC068036.D
 Signal(s) : FID1A.ch
 Acq On : 18 Dec 2024 06:11
 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 12/18/2024
 Supervised By :Ankita Jodhani 12/19/2024

Integration File: autoint1.e
 Quant Time: Dec 18 09:55:10 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)	11.436	3226724	18.661 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
12) S 1-chlorooctadecane (S...	12.878	2397073	18.787 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
Target Compounds			
1) T n-Nonane (C9)	3.225	2855422	18.379 ug/ml
2) T n-Decane (C10)	4.287	2935591	18.518 ug/ml
3) T A~Naphthalene (C11.7)	5.859	3252095	18.628 ug/ml
4) T n-Dodecane (C12)	6.300	2977795	18.494 ug/ml
5) T A~2-methylnaphthalene...	6.914	3138180	18.730 ug/ml
6) T n-Tetradecane (C14)	8.092	2947855	18.540 ug/ml
7) T n-Hexadecane (C16)	9.690	3016475	18.672 ug/ml
8) T n-Octadecane (C18)	11.129	2986903	18.605 ug/ml
10) T n-Eicosane (C20)	12.436	2813164	18.701 ug/ml
11) T n-Heneicosane (C21)	13.047	2740647	18.757 ug/ml
13) T n-Docosane (C22)	13.633	2706551	18.908 ug/ml
14) T n-Tetracosane (C24)	14.734	2671599	19.227 ug/ml
15) T n-Hexacosane (C26)	15.753	2603770	19.470 ug/ml
16) T n-Octacosane (C28)	16.702	2664021	20.538 ug/ml
17) T n-Tricontane (C30)	17.587	2874979	22.193 ug/ml
18) T n-Dotriacontane (C32)	18.420	2885797	23.294 ug/ml
19) T n-Tetratriacontane (C34)	19.201	2520778	23.095 ug/ml
20) T n-Hexatriacontane (C36)	19.939	2132236	22.537 ug/mlm
21) T n-Octatriacontane (C38)	20.653	1923556	21.264 ug/mlm
22) T n-Tetracontane (C40)	21.520	1812240	20.561 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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