

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092524AL\
 Data File : FC067257.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2024 12:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :Ankita Jodhani 09/26/2024

Integration File: autoint1.e
 Quant Time: Sep 26 05:26:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.499	2473669	17.765 ug/ml
Spiked Amount 50.000		Recovery =	35.53%
12) S 1-chlorooctadecane (S...	12.939	1724094	17.649 ug/ml
Spiked Amount 50.000		Recovery =	35.30%
Target Compounds			
1) T n-Nonane (C9)	3.275	2344928	17.678 ug/ml
2) T n-Decane (C10)	4.340	2454580	18.276 ug/ml
3) T A~Naphthalene (C11.7)	5.918	2557416	17.994 ug/ml
4) T n-Dodecane (C12)	6.356	2441953	18.243 ug/ml
5) T A~2-methylnaphthalene...	6.974	2404604	18.007 ug/ml
6) T n-Tetradecane (C14)	8.149	2365307	18.353 ug/ml
7) T n-Hexadecane (C16)	9.748	2380427	18.464 ug/ml
8) T n-Octadecane (C18)	11.188	2365158	18.486 ug/ml
10) T n-Eicosane (C20)	12.496	2214931	18.440 ug/ml
11) T n-Heneicosane (C21)	13.107	2160090	18.495 ug/ml
13) T n-Docosane (C22)	13.693	2139880	18.534 ug/ml
14) T n-Tetracosane (C24)	14.794	2157615	18.999 ug/ml
15) T n-Hexacosane (C26)	15.815	2141386	19.322 ug/ml
16) T n-Octacosane (C28)	16.762	2209315	20.453 ug/ml
17) T n-Tricontane (C30)	17.649	2411626	22.171 ug/ml
18) T n-Dotriacontane (C32)	18.477	2434702	23.342 ug/mlm
19) T n-Tetratriacontane (C34)	19.262	2214989	24.009 ug/ml
20) T n-Hexatriacontane (C36)	20.001	1906712	24.060 ug/ml
21) T n-Octatriacontane (C38)	20.725	1572452	20.934 ug/ml
22) T n-Tetracontane (C40)	21.610	1257040	17.992 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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