

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092624AL\
 Data File : FC067271.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2024 11:07
 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 09/27/2024
 Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e
 Quant Time: Sep 27 03:20:20 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	2592167	18.616 ug/ml
Spiked Amount 50.000		Recovery =	37.23%
12) S 1-chlorooctadecane (S...	12.939	1867603	19.118 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
Target Compounds			
1) T n-Nonane (C9)	3.275	2387297	17.997 ug/ml
2) T n-Decane (C10)	4.340	2468038	18.376 ug/ml
3) T A~Naphthalene (C11.7)	5.918	2592739	18.243 ug/ml
4) T n-Dodecane (C12)	6.356	2455566	18.345 ug/ml
5) T A~2-methylnaphthalene...	6.973	2443761	18.300 ug/ml
6) T n-Tetradecane (C14)	8.149	2379498	18.463 ug/ml
7) T n-Hexadecane (C16)	9.748	2400093	18.616 ug/ml
8) T n-Octadecane (C18)	11.188	2400811	18.765 ug/ml
10) T n-Eicosane (C20)	12.496	2271670	18.913 ug/ml
11) T n-Heneicosane (C21)	13.107	2223026	19.034 ug/ml
13) T n-Docosane (C22)	13.692	2242767	19.425 ug/ml
14) T n-Tetracosane (C24)	14.794	2321664	20.444 ug/ml
15) T n-Hexacosane (C26)	15.814	2358557	21.281 ug/ml
16) T n-Octacosane (C28)	16.762	2448408	22.666 ug/ml
17) T n-Tricontane (C30)	17.649	2574812	23.671 ug/ml
18) T n-Dotriacontane (C32)	18.480	2505296	24.019 ug/mlm
19) T n-Tetratriacontane (C34)	19.262	2088820	22.641 ug/ml
20) T n-Hexatriacontane (C36)	20.001	1678077	21.175 ug/ml
21) T n-Octatriacontane (C38)	20.724	1480902	19.715 ug/ml
22) T n-Tetracontane (C40)	21.610	1357721	19.434 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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