

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092424AL\
 Data File : FC067245.D
 Signal(s) : FID1A.ch
 Acq On : 24 Sep 2024 11:44
 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 09/25/2024
 Supervised By :Ankita Jodhani 09/25/2024

Integration File: autoint1.e
 Quant Time: Sep 25 02:42:50 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)	11.500	2482761	17.830 ug/ml
Spiked Amount 50.000		Recovery =	35.66%
12) S 1-chlorooctadecane (S...	12.938	1734745	17.758 ug/ml
Spiked Amount 50.000		Recovery =	35.52%
Target Compounds			
1) T n-Nonane (C9)	3.276	2368612	17.857 ug/ml
2) T n-Decane (C10)	4.341	2472250	18.407 ug/ml
3) T A~Naphthalene (C11.7)	5.919	2578476	18.142 ug/ml
4) T n-Dodecane (C12)	6.357	2458861	18.370 ug/ml
5) T A~2-methylnaphthalene...	6.974	2419012	18.115 ug/ml
6) T n-Tetradecane (C14)	8.150	2378167	18.453 ug/mlm
7) T n-Hexadecane (C16)	9.749	2389966	18.538 ug/ml
8) T n-Octadecane (C18)	11.190	2374085	18.556 ug/ml
10) T n-Eicosane (C20)	12.496	2218637	18.471 ug/ml
11) T n-Heneicosane (C21)	13.108	2157492	18.473 ug/ml
13) T n-Docosane (C22)	13.694	2136819	18.507 ug/ml
14) T n-Tetracosane (C24)	14.795	2145263	18.891 ug/ml
15) T n-Hexacosane (C26)	15.814	2124391	19.168 ug/ml
16) T n-Octacosane (C28)	16.763	2177535	20.159 ug/ml
17) T n-Tricontane (C30)	17.649	2359421	21.691 ug/ml
18) T n-Dotriacontane (C32)	18.481	2373761	22.758 ug/mlm
19) T n-Tetratriacontane (C34)	19.263	2146184	23.263 ug/ml
20) T n-Hexatriacontane (C36)	20.002	1855547	23.415 ug/ml
21) T n-Octatriacontane (C38)	20.725	1500543	19.976 ug/ml
22) T n-Tetracontane (C40)	21.612	1158847	16.587 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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