

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092724AL\
 Data File : FC067298.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2024 13:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/30/2024
 Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e
 Quant Time: Sep 28 01:57:23 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	3038476	21.821 ug/ml
Spiked Amount 50.000		Recovery =	43.64%
12) S 1-chlorooctadecane (S...	12.938	2138739	21.894 ug/ml
Spiked Amount 50.000		Recovery =	43.79%
Target Compounds			
1) T n-Nonane (C9)	3.274	2901413	21.873 ug/ml
2) T n-Decane (C10)	4.339	2940121	21.891 ug/ml
3) T A~Naphthalene (C11.7)	5.917	3095560	21.781 ug/ml
4) T n-Dodecane (C12)	6.355	2946212	22.010 ug/ml
5) T A~2-methylnaphthalene...	6.973	2915384	21.832 ug/ml
6) T n-Tetradecane (C14)	8.149	2876384	22.319 ug/ml
7) T n-Hexadecane (C16)	9.747	2890549	22.420 ug/ml
8) T n-Octadecane (C18)	11.188	2861585	22.366 ug/ml
10) T n-Eicosane (C20)	12.496	2661567	22.159 ug/ml
11) T n-Heneicosane (C21)	13.107	2588869	22.166 ug/ml
13) T n-Docosane (C22)	13.693	2536643	21.970 ug/ml
14) T n-Tetracosane (C24)	14.794	2502030	22.032 ug/ml
15) T n-Hexacosane (C26)	15.814	2440768	22.023 ug/ml
16) T n-Octacosane (C28)	16.764	2402486	22.241 ug/ml
17) T n-Tricontane (C30)	17.649	2441963	22.450 ug/ml
18) T n-Dotriacontane (C32)	18.478	2358801	22.614 ug/mlm
19) T n-Tetratriacontane (C34)	19.262	2041956	22.133 ug/ml
20) T n-Hexatriacontane (C36)	20.001	1725025	21.768 ug/ml
21) T n-Octatriacontane (C38)	20.726	1497658	19.938 ug/ml
22) T n-Tetracontane (C40)	21.615	1289941	18.463 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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