

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032124AL\
 Data File : FC066093.D
 Signal(s) : FID1A.ch
 Acq On : 22 Mar 2024 04:18
 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 03/22/2024
 Supervised By :Ankita Jodhani 03/22/2024

Integration File: autoint1.e
 Quant Time: Mar 22 04:51:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.469	3791730	19.402 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
12) S 1-chlorooctadecane (S...	12.897	2827537	19.395 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.275	3207930	19.201 ug/ml
2) T n-Decane (C10)	4.335	3337362	19.243 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3582315	19.962 ug/ml
4) T n-Dodecane (C12)	6.344	3442868	19.537 ug/ml
5) T A~2-methylnaphthalene...	6.977	3220810	18.908 ug/ml
6) T n-Tetradecane (C14)	8.131	3314061	19.058 ug/ml
7) T n-Hexadecane (C16)	9.722	3392492	18.990 ug/ml
8) T n-Octadecane (C18)	11.155	3452800	18.996 ug/ml
10) T n-Eicosane (C20)	12.455	3336812	19.110 ug/ml
11) T n-Heneicosane (C21)	13.062	3333287	19.226 ug/ml
13) T n-Docosane (C22)	13.644	3401461	19.778 ug/ml
14) T n-Tetracosane (C24)	14.738	3478276	20.365 ug/ml
15) T n-Hexacosane (C26)	15.751	3503029	20.803 ug/ml
16) T n-Octacosane (C28)	16.694	3590025	21.593 ug/ml
17) T n-Tricontane (C30)	17.575	3754652	21.990 ug/ml
18) T n-Dotriacontane (C32)	18.399	3693413	21.910 ug/mlm
19) T n-Tetratriacontane (C34)	19.178	3480117	21.234 ug/ml
20) T n-Hexatriacontane (C36)	19.912	3241841	20.389 ug/mlm
21) T n-Octatriacontane (C38)	20.621	3147319	20.093 ug/ml
22) T n-Tetracontane (C40)	21.474	3052025	19.300 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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