

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022724AL\
 Data File : FC065909.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2024 03:48
 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 02/28/2024
 Supervised By :Ankita Jodhani 02/28/2024

Integration File: autoint1.e
 Quant Time: Feb 28 04:26:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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	3208099	18.703 ug/ml
Spiked Amount 50.000		Recovery =	37.41%
12) S 1-chlorooctadecane (S...	12.929	2420242	19.231 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.287	2695830	17.944 ug/ml
2) T n-Decane (C10)	4.350	2812773	18.500 ug/ml
3) T A~Naphthalene (C11.7)	5.941	3037217	19.695 ug/ml
4) T n-Dodecane (C12)	6.364	2915428	19.049 ug/ml
5) T A~2-methylnaphthalene...	6.998	2760149	19.383 ug/ml
6) T n-Tetradecane (C14)	8.154	2821434	19.004 ug/ml
7) T n-Hexadecane (C16)	9.749	2924283	19.500 ug/ml
8) T n-Octadecane (C18)	11.183	2970063	19.255 ug/ml
10) T n-Eicosane (C20)	12.486	2889603	19.215 ug/ml
11) T n-Heneicosane (C21)	13.095	2862990	19.143 ug/ml
13) T n-Docosane (C22)	13.677	2870486	19.352 ug/ml
14) T n-Tetracosane (C24)	14.775	2907282	19.553 ug/ml
15) T n-Hexacosane (C26)	15.789	2897443	19.552 ug/ml
16) T n-Octacosane (C28)	16.734	2998608	20.436 ug/ml
17) T n-Tricontane (C30)	17.617	3294660	21.947 ug/ml
18) T n-Dotriacontane (C32)	18.444	3363040	22.741 ug/ml
19) T n-Tetratriacontane (C34)	19.224	3155414	21.770 ug/ml
20) T n-Hexatriacontane (C36)	19.959	2893399	20.384 ug/mlm
21) T n-Octatriacontane (C38)	20.675	2758587	19.488 ug/mlm
22) T n-Tetracontane (C40)	21.549	2650327	19.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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