

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042524AL\
 Data File : FC066239.D
 Signal(s) : FID1A.ch
 Acq On : 26 Apr 2024 00:12
 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 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 04:00:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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)	11.560	2539601	18.391 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
12) S 1-chlorooctadecane (S...	13.000	1955193	19.926 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
Target Compounds			
1) T n-Nonane (C9)	3.318	2244040	17.431 ug/ml
2) T n-Decane (C10)	4.386	2366690	18.151 ug/ml
3) T A~Naphthalene (C11.7)	5.968	2548203	17.767 ug/ml
4) T n-Dodecane (C12)	6.406	2382396	18.399 ug/ml
5) T A~2-methylnaphthalene...	7.025	2469713	17.935 ug/ml
6) T n-Tetradecane (C14)	8.201	2367998	18.814 ug/ml
7) T n-Hexadecane (C16)	9.803	2454548	19.270 ug/ml
8) T n-Octadecane (C18)	11.247	2467964	19.389 ug/ml
10) T n-Eicosane (C20)	12.556	2352658	19.523 ug/ml
11) T n-Heneicosane (C21)	13.169	2306531	19.493 ug/ml
13) T n-Docosane (C22)	13.754	2293478	19.537 ug/ml
14) T n-Tetracosane (C24)	14.858	2295636	19.676 ug/ml
15) T n-Hexacosane (C26)	15.879	2252204	19.591 ug/ml
16) T n-Octacosane (C28)	16.829	2244996	19.809 ug/ml
17) T n-Tricontane (C30)	17.718	2349539	20.281 ug/ml
18) T n-Dotriacontane (C32)	18.551	2345323	20.428 ug/ml
19) T n-Tetratriacontane (C34)	19.336	2220421	20.218 ug/ml
20) T n-Hexatriacontane (C36)	20.075	2143000	20.761 ug/mlm
21) T n-Octatriacontane (C38)	20.811	2135907	21.911 ug/ml
22) T n-Tetracontane (C40)	21.723	2131974	23.561 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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