

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090123AL\
 Data File : FE044111.D
 Signal(s) : FID1B.ch
 Acq On : 02 Sep 2023 03:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/05/2023
 Supervised By :Ankita Jodhani 09/05/2023

Integration File: autoint1.e
 Quant Time: Sep 02 05:07:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:40 2023
 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)	11.935	3655374	19.295 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
12) S 1-chlorooctadecane (S...	13.374	2750048	19.907 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
Target Compounds			
1) T n-Nonane (C9)	3.324	3117783	19.112 ug/ml
2) T n-Decane (C10)	4.575	3160896	19.017 ug/ml
3) T A~Naphthalene (C11.7)	6.276	3415532	19.074 ug/ml
4) T n-Dodecane (C12)	6.739	3202217	19.041 ug/ml
5) T A~2-methylnaphthalene...	7.371	3323592	19.387 ug/ml
6) T n-Tetradecane (C14)	8.565	3168255	18.892 ug/ml
7) T n-Hexadecane (C16)	10.174	3209409	18.569 ug/ml
8) T n-Octadecane (C18)	11.619	3193148	18.344 ug/ml
10) T n-Eicosane (C20)	12.929	3069952	18.560 ug/ml
11) T n-Heneicosane (C21)	13.541	3009066	18.603 ug/ml
13) T n-Docosane (C22)	14.128	2956877	18.508 ug/ml
14) T n-Tetracosane (C24)	15.232	2878970	18.410 ug/ml
15) T n-Hexacosane (C26)	16.253	2784650	18.471 ug/ml
16) T n-Octacosane (C28)	17.205	2692723	18.659 ug/ml
17) T n-Tricontane (C30)	18.093	2704665	18.617 ug/ml
18) T n-Dotriacontane (C32)	18.926	2683989	18.842 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2641836	18.878 ug/mlm
20) T n-Hexatriacontane (C36)	20.452	2694687	19.656 ug/mlm
21) T n-Octatriacontane (C38)	21.196	2787392	20.080 ug/ml
22) T n-Tetracontane (C40)	22.116	2860493	20.689 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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