

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051024AL\
 Data File : FE048082.D
 Signal(s) : FID1B.ch
 Acq On : 10 May 2024 13:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 02:05:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.961	2998250	20.783 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
12) S 1-chlorooctadecane (S...	13.395	2292146	20.513 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
Target Compounds			
1) T n-Nonane (C9)	3.349	2876209	22.317 ug/ml
2) T n-Decane (C10)	4.597	2957172	22.462 ug/ml
3) T A~Naphthalene (C11.7)	6.303	3008529	21.788 ug/ml
4) T n-Dodecane (C12)	6.762	2935001	22.016 ug/ml
5) T A~2-methylnaphthalene...	7.398	2839957	21.341 ug/ml
6) T n-Tetradecane (C14)	8.590	2870809	21.663 ug/ml
7) T n-Hexadecane (C16)	10.198	2923065	21.254 ug/ml
8) T n-Octadecane (C18)	11.640	2932928	21.055 ug/ml
10) T n-Eicosane (C20)	12.950	2791493	20.732 ug/ml
11) T n-Heneicosane (C21)	13.561	2707989	20.457 ug/ml
13) T n-Docosane (C22)	14.148	2681818	20.237 ug/ml
14) T n-Tetracosane (C24)	15.250	2656823	19.953 ug/ml
15) T n-Hexacosane (C26)	16.271	2614362	19.592 ug/ml
16) T n-Octacosane (C28)	17.219	2596752	19.503 ug/ml
17) T n-Tricontane (C30)	18.105	2748835	19.917 ug/ml
18) T n-Dotriacontane (C32)	18.937	2807931	20.329 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2677394	19.655 ug/mlm
20) T n-Hexatriacontane (C36)	20.459	2576885	19.032 ug/mlm
21) T n-Octatriacontane (C38)	21.198	2462035	17.832 ug/ml
22) T n-Tetracontane (C40)	22.123	2332382	16.741 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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