

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050124AL\
 Data File : FE047900.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2024 08:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: May 02 02:11:00 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)	11.975	3144601	21.797 ug/ml
Spiked Amount 50.000		Recovery =	43.59%
12) S 1-chlorooctadecane (S...	13.409	2437425	21.813 ug/ml
Spiked Amount 50.000		Recovery =	43.63%
Target Compounds			
1) T n-Nonane (C9)	3.354	2804563	21.761 ug/ml
2) T n-Decane (C10)	4.606	2894421	21.985 ug/ml
3) T A~Naphthalene (C11.7)	6.315	3048690	22.079 ug/ml
4) T n-Dodecane (C12)	6.773	2924244	21.935 ug/ml
5) T A~2-methylnaphthalene...	7.411	2935043	22.056 ug/ml
6) T n-Tetradecane (C14)	8.602	2895423	21.849 ug/ml
7) T n-Hexadecane (C16)	10.210	3005015	21.849 ug/ml
8) T n-Octadecane (C18)	11.653	3051299	21.905 ug/ml
10) T n-Eicosane (C20)	12.964	2960068	21.984 ug/ml
11) T n-Heneicosane (C21)	13.575	2890889	21.839 ug/ml
13) T n-Docosane (C22)	14.162	2950509	22.265 ug/ml
14) T n-Tetracosane (C24)	15.263	3068156	23.042 ug/ml
15) T n-Hexacosane (C26)	16.285	3141341	23.541 ug/ml
16) T n-Octacosane (C28)	17.234	3239894	24.333 ug/ml
17) T n-Tricontane (C30)	18.121	3386688	24.539 ug/ml
18) T n-Dotriacontane (C32)	18.954	3330543	24.112 ug/ml
19) T n-Tetratriacontane (C34)	19.736	3169244	23.265 ug/ml
20) T n-Hexatriacontane (C36)	20.475	3041351	22.462 ug/ml
21) T n-Octatriacontane (C38)	21.219	2999033	21.721 ug/ml
22) T n-Tetracontane (C40)	22.151	2915308	20.925 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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