

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062824AL\
 Data File : FE048928.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2024 21:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e
 Quant Time: Jun 29 02:48:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.935	2873834	17.187 ug/ml
Spiked Amount 50.000		Recovery =	34.37%
12) S 1-chlorooctadecane (S...	13.369	2177838	16.936 ug/ml
Spiked Amount 50.000		Recovery =	33.87%
Target Compounds			
1) T n-Nonane (C9)	3.322	2783428	18.514 ug/ml
2) T n-Decane (C10)	4.572	2843035	18.474 ug/ml
3) T A~Naphthalene (C11.7)	6.278	2903595	18.290 ug/ml
4) T n-Dodecane (C12)	6.737	2823765	18.292 ug/ml
5) T A~2-methylnaphthalene...	7.374	2756850	18.205 ug/ml
6) T n-Tetradecane (C14)	8.565	2764899	18.040 ug/ml
7) T n-Hexadecane (C16)	10.173	2830339	18.102 ug/ml
8) T n-Octadecane (C18)	11.616	2802366	17.571 ug/ml
10) T n-Eicosane (C20)	12.924	2658006	17.144 ug/ml
11) T n-Heneicosane (C21)	13.536	2604683	17.106 ug/ml
13) T n-Docosane (C22)	14.122	2584548	17.090 ug/ml
14) T n-Tetracosane (C24)	15.224	2598257	17.289 ug/mlm
15) T n-Hexacosane (C26)	16.245	2606510	17.655 ug/ml
16) T n-Octacosane (C28)	17.194	2571948	17.834 ug/ml
17) T n-Tricontane (C30)	18.081	2766702	18.911 ug/ml
18) T n-Dotriacontane (C32)	18.913	2688810	18.806 ug/mlm
19) T n-Tetratriacontane (C34)	19.697	2719354	19.653 ug/mlm
20) T n-Hexatriacontane (C36)	20.434	3099894	23.851 ug/mlm
21) T n-Octatriacontane (C38)	21.173	2631481	20.527 ug/mlm
22) T n-Tetracontane (C40)	22.088	2657434	21.701 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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