

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052324AL\
 Data File : FE048364.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2024 21:30
 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 05/24/2024
 Supervised By :Ankita Jodhani 05/24/2024

Integration File: autoint1.e
 Quant Time: May 24 01:35:35 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)	11.954	2713097	18.806 ug/ml
Spiked Amount 50.000		Recovery =	37.61%
12) S 1-chlorooctadecane (S...	13.388	2067349	18.501 ug/ml
Spiked Amount 50.000		Recovery =	37.00%
Target Compounds			
1) T n-Nonane (C9)	3.340	2737187	21.238 ug/ml
2) T n-Decane (C10)	4.590	2815112	21.383 ug/ml
3) T A~Naphthalene (C11.7)	6.296	2782018	20.148 ug/ml
4) T n-Dodecane (C12)	6.755	2777563	20.835 ug/ml
5) T A~2-methylnaphthalene...	7.392	2620138	19.689 ug/ml
6) T n-Tetradecane (C14)	8.584	2672714	20.168 ug/ml
7) T n-Hexadecane (C16)	10.191	2662131	19.356 ug/ml
8) T n-Octadecane (C18)	11.633	2633723	18.907 ug/ml
10) T n-Eicosane (C20)	12.942	2511992	18.657 ug/ml
11) T n-Heneicosane (C21)	13.554	2459691	18.581 ug/ml
13) T n-Docosane (C22)	14.140	2456068	18.534 ug/ml
14) T n-Tetracosane (C24)	15.242	2512044	18.866 ug/ml
15) T n-Hexacosane (C26)	16.262	2528887	18.951 ug/ml
16) T n-Octacosane (C28)	17.211	2587637	19.434 ug/ml
17) T n-Tricontane (C30)	18.098	2788023	20.201 ug/ml
18) T n-Dotriacontane (C32)	18.929	2864474	20.738 ug/ml
19) T n-Tetratriacontane (C34)	19.712	2777090	20.386 ug/mlm
20) T n-Hexatriacontane (C36)	20.452	2654713	19.607 ug/ml
21) T n-Octatriacontane (C38)	21.188	2623446	19.001 ug/mlm
22) T n-Tetracontane (C40)	22.109	2528055	18.145 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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