

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050124AL\
 Data File : FE047904.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2024 13:14
 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 02:11:59 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	2846099	19.728 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
12) S 1-chlorooctadecane (S...	13.408	2204789	19.731 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T n-Nonane (C9)	3.353	2549692	19.784 ug/ml
2) T n-Decane (C10)	4.606	2629254	19.971 ug/ml
3) T A~Naphthalene (C11.7)	6.314	2762263	20.004 ug/ml
4) T n-Dodecane (C12)	6.772	2657879	19.937 ug/ml
5) T A~2-methylnaphthalene...	7.410	2659148	19.982 ug/ml
6) T n-Tetradecane (C14)	8.601	2630487	19.849 ug/ml
7) T n-Hexadecane (C16)	10.210	2725645	19.818 ug/ml
8) T n-Octadecane (C18)	11.653	2760498	19.817 ug/ml
10) T n-Eicosane (C20)	12.962	2680076	19.905 ug/ml
11) T n-Heneicosane (C21)	13.574	2618635	19.782 ug/ml
13) T n-Docosane (C22)	14.161	2672198	20.164 ug/ml
14) T n-Tetracosane (C24)	15.264	2784230	20.910 ug/ml
15) T n-Hexacosane (C26)	16.284	2856974	21.410 ug/ml
16) T n-Octacosane (C28)	17.233	2940595	22.085 ug/ml
17) T n-Tricontane (C30)	18.121	3102923	22.483 ug/mlm
18) T n-Dotriacontane (C32)	18.952	3075419	22.265 ug/ml
19) T n-Tetratriacontane (C34)	19.737	2860072	20.996 ug/ml
20) T n-Hexatriacontane (C36)	20.475	2791529	20.617 ug/ml
21) T n-Octatriacontane (C38)	21.219	2754815	19.953 ug/ml
22) T n-Tetracontane (C40)	22.150	2598682	18.652 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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