

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110424AL\
 Data File : FE050998.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2024 12:50
 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 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: sample.E
 Quant Time: Nov 05 03:47:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.853	2954439	18.740 ug/mlm
Spiked Amount 50.000		Recovery =	37.48%
12) S 1-chlorooctadecane (S...	13.286	2261793	19.120 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
Target Compounds			
1) T n-Nonane (C9)	3.242	2598612	18.392 ug/ml
2) T n-Decane (C10)	4.493	2695588	18.788 ug/ml
3) T A~Naphthalene (C11.7)	6.205	2579952	18.043 ug/ml
4) T n-Dodecane (C12)	6.660	2721240	18.906 ug/ml
5) T A~2-methylnaphthalene...	7.301	2430206	18.344 ug/ml
6) T n-Tetradecane (C14)	8.486	2704504	18.904 ug/ml
7) T n-Hexadecane (C16)	10.092	2800393	19.028 ug/ml
8) T n-Octadecane (C18)	11.534	2848667	19.071 ug/ml
10) T n-Eicosane (C20)	12.840	2757723	19.231 ug/ml
11) T n-Heneicosane (C21)	13.451	2674978	19.048 ug/ml
13) T n-Docosane (C22)	14.037	2782255	19.831 ug/ml
14) T n-Tetracosane (C24)	15.137	2968544	21.012 ug/mlm
15) T n-Hexacosane (C26)	16.157	3102149	22.045 ug/mlm
16) T n-Octacosane (C28)	17.106	3394776	23.199 ug/ml
17) T n-Tricontane (C30)	17.993	3792440	23.851 ug/ml
18) T n-Dotriacontane (C32)	18.824	3868282	23.861 ug/ml
19) T n-Tetratriacontane (C34)	19.607	3276351	22.305 ug/ml
20) T n-Hexatriacontane (C36)	20.347	2750914	21.693 ug/mlm
21) T n-Octatriacontane (C38)	21.069	2401090	19.419 ug/ml
22) T n-Tetracontane (C40)	21.950	2044361	18.360 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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