

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110124AL\
 Data File : FE050980.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2024 23:36
 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 11/04/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E
 Quant Time: Nov 04 03:11:59 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)	11.851	2919914	18.521 ug/mlm
Spiked Amount 50.000		Recovery =	37.04%
12) S 1-chlorooctadecane (S...	13.285	2234841	18.892 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
Target Compounds			
1) T n-Nonane (C9)	3.241	2509623	17.762 ug/ml
2) T n-Decane (C10)	4.491	2612207	18.207 ug/ml
3) T A~Naphthalene (C11.7)	6.204	2510430	17.557 ug/ml
4) T n-Dodecane (C12)	6.659	2641840	18.355 ug/ml
5) T A~2-methylnaphthalene...	7.299	2437373	18.398 ug/mlm
6) T n-Tetradecane (C14)	8.485	2632468	18.400 ug/ml
7) T n-Hexadecane (C16)	10.090	2737963	18.604 ug/ml
8) T n-Octadecane (C18)	11.531	2791724	18.690 ug/ml
10) T n-Eicosane (C20)	12.839	2695060	18.794 ug/ml
11) T n-Heneicosane (C21)	13.450	2640487	18.802 ug/ml
13) T n-Docosane (C22)	14.034	2655686	18.929 ug/mlm
14) T n-Tetracosane (C24)	15.135	2679446	18.966 ug/mlm
15) T n-Hexacosane (C26)	16.155	2724199	19.359 ug/mlm
16) T n-Octacosane (C28)	17.105	2929816	20.022 ug/ml
17) T n-Tricontane (C30)	17.991	3383585	21.280 ug/ml
18) T n-Dotriacontane (C32)	18.822	3566139	21.998 ug/ml
19) T n-Tetratriacontane (C34)	19.605	3137668	21.360 ug/ml
20) T n-Hexatriacontane (C36)	20.344	2629499	20.735 ug/ml
21) T n-Octatriacontane (C38)	21.066	2240921	18.123 ug/ml
22) T n-Tetracontane (C40)	21.948	1870451	16.798 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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