

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101724AL\
 Data File : FE050706.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2024 09:08
 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 10/18/2024
 Supervised By :Ankita Jodhani 10/18/2024

Integration File: sample.E
 Quant Time: Oct 18 03:46:12 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)	11.863	3318901	21.052 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
12) S 1-chlorooctadecane (S...	13.298	2511614	21.232 ug/ml
Spiked Amount 50.000		Recovery =	42.46%
Target Compounds			
1) T n-Nonane (C9)	3.250	3002758	21.252 ug/ml
2) T n-Decane (C10)	4.501	3093074	21.558 ug/ml
3) T A~Naphthalene (C11.7)	6.212	3132839	21.909 ug/ml
4) T n-Dodecane (C12)	6.668	3123482	21.701 ug/ml
5) T A~2-methylnaphthalene...	7.308	2930664	22.122 ug/ml
6) T n-Tetradecane (C14)	8.496	3087388	21.580 ug/ml
7) T n-Hexadecane (C16)	10.101	3159655	21.469 ug/ml
8) T n-Octadecane (C18)	11.544	3171591	21.233 ug/ml
10) T n-Eicosane (C20)	12.851	3018527	21.050 ug/ml
11) T n-Heneicosane (C21)	13.463	2953582	21.032 ug/ml
13) T n-Docosane (C22)	14.048	2922353	20.830 ug/ml
14) T n-Tetracosane (C24)	15.150	2917588	20.652 ug/ml
15) T n-Hexacosane (C26)	16.169	2911725	20.692 ug/ml
16) T n-Octacosane (C28)	17.118	2890381	19.752 ug/ml
17) T n-Tricontane (C30)	18.004	3063795	19.269 ug/ml
18) T n-Dotriacontane (C32)	18.837	3083998	19.024 ug/ml
19) T n-Tetratriacontane (C34)	19.619	2838835	19.326 ug/ml
20) T n-Hexatriacontane (C36)	20.359	2570994	20.274 ug/ml
21) T n-Octatriacontane (C38)	21.085	2404915	19.450 ug/ml
22) T n-Tetracontane (C40)	21.972	2063943	18.536 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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