

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101524AL\
 Data File : FE050682.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 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 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 02:49:40 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)	11.858	3115547	19.762 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
12) S 1-chlorooctadecane (S...	13.292	2362590	19.972 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T n-Nonane (C9)	3.247	2769255	19.600 ug/ml
2) T n-Decane (C10)	4.497	2861097	19.941 ug/ml
3) T A~Naphthalene (C11.7)	6.209	2862838	20.021 ug/ml
4) T n-Dodecane (C12)	6.665	2878470	19.999 ug/ml
5) T A~2-methylnaphthalene...	7.304	2672038	20.169 ug/ml
6) T n-Tetradecane (C14)	8.491	2861196	19.999 ug/ml
7) T n-Hexadecane (C16)	10.097	2960350	20.115 ug/ml
8) T n-Octadecane (C18)	11.538	2989397	20.013 ug/ml
10) T n-Eicosane (C20)	12.846	2857784	19.929 ug/ml
11) T n-Heneicosane (C21)	13.457	2788338	19.855 ug/ml
13) T n-Docosane (C22)	14.042	2797520	19.940 ug/ml
14) T n-Tetracosane (C24)	15.143	2804320	19.850 ug/ml
15) T n-Hexacosane (C26)	16.162	2825534	20.080 ug/mlm
16) T n-Octacosane (C28)	17.110	2973547	20.321 ug/ml
17) T n-Tricontane (C30)	17.997	3315249	20.850 ug/ml
18) T n-Dotriacontane (C32)	18.828	3431199	21.165 ug/ml
19) T n-Tetratriacontane (C34)	19.612	3086713	21.014 ug/ml
20) T n-Hexatriacontane (C36)	20.350	2662106	20.992 ug/ml
21) T n-Octatriacontane (C38)	21.073	2498664	20.208 ug/ml
22) T n-Tetracontane (C40)	21.958	1972651	17.716 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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