

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050824AL\
 Data File : FE048026.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2024 12:58
 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 05/09/2024
 Supervised By :Ankita Jodhani 05/09/2024

Integration File: autoint1.e
 Quant Time: May 09 01:22:37 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)	11.970	2692453	18.663 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
12) S 1-chlorooctadecane (S...	13.404	2074388	18.564 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
Target Compounds			
1) T n-Nonane (C9)	3.348	2303907	17.876 ug/mlm
2) T n-Decane (C10)	4.601	2415304	18.346 ug/ml
3) T A~Naphthalene (C11.7)	6.310	2534233	18.353 ug/ml
4) T n-Dodecane (C12)	6.768	2452863	18.399 ug/ml
5) T A~2-methylnaphthalene...	7.406	2469443	18.557 ug/ml
6) T n-Tetradecane (C14)	8.596	2453904	18.517 ug/ml
7) T n-Hexadecane (C16)	10.204	2543743	18.496 ug/ml
8) T n-Octadecane (C18)	11.648	2598694	18.656 ug/ml
10) T n-Eicosane (C20)	12.959	2527935	18.775 ug/ml
11) T n-Heneicosane (C21)	13.570	2469021	18.652 ug/ml
13) T n-Docosane (C22)	14.157	2518936	19.008 ug/ml
14) T n-Tetracosane (C24)	15.260	2636518	19.801 ug/ml
15) T n-Hexacosane (C26)	16.280	2709312	20.303 ug/ml
16) T n-Octacosane (C28)	17.230	2839085	21.323 ug/ml
17) T n-Tricontane (C30)	18.118	3078578	22.306 ug/ml
18) T n-Dotriacontane (C32)	18.951	3096300	22.417 ug/ml
19) T n-Tetratriacontane (C34)	19.735	2901098	21.297 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2758992	20.377 ug/mlm
21) T n-Octatriacontane (C38)	21.216	2691779	19.496 ug/ml
22) T n-Tetracontane (C40)	22.145	2544013	18.260 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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