

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101122AL\
 Data File : FD044098.D
 Signal(s) : FID2B.ch
 Acq On : 12 Oct 2022 02:25
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/12/2022
 Supervised By :Ankita Jodhani 10/13/2022

Integration File: autoint1.e
 Quant Time: Oct 12 07:04:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 2022
 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)	11.303	3323955	21.117 ug/ml
Spiked Amount 50.000		Recovery =	42.23%
12) S 1-chlorooctadecane (S...	12.720	2616514	20.805 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
Target Compounds			
1) T n-Nonane (C9)	3.139	2814239	20.842 ug/ml
2) T n-Decane (C10)	4.188	2878419	21.424 ug/ml
3) T A~Naphthalene (C11.7)	5.758	2977796	22.287 ug/ml
4) T n-Dodecane (C12)	6.184	2948452	21.219 ug/ml
5) T A~2-methylnaphthalene...	6.804	3010012	23.149 ug/mlm
6) T n-Tetradecane (C14)	7.964	2975563	21.373 ug/ml
7) T n-Hexadecane (C16)	9.551	3019220	21.405 ug/ml
8) T n-Octadecane (C18)	10.982	3082313	21.198 ug/ml
10) T n-Eicosane (C20)	12.279	3124269	21.069 ug/ml
11) T n-Heneicosane (C21)	12.886	3111360	20.738 ug/ml
13) T n-Docosane (C22)	13.467	3197542	21.268 ug/ml
14) T n-Tetracosane (C24)	14.560	3312230	21.945 ug/ml
15) T n-Hexacosane (C26)	15.571	3273987	21.623 ug/ml
16) T n-Octacosane (C28)	16.512	3193005	21.194 ug/ml
17) T n-Tricontane (C30)	17.390	3158617	20.608 ug/ml
18) T n-Dotriacontane (C32)	18.213	3032657	19.775 ug/ml
19) T n-Tetratriacontane (C34)	18.987	2792303	18.967 ug/ml
20) T n-Hexatriacontane (C36)	19.719	2687983	18.333 ug/mlm
21) T n-Octatriacontane (C38)	20.410	2624830	18.815 ug/mlm
22) T n-Tetracontane (C40)	21.171	2464627	18.950 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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