

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110623AL\
 Data File : FC065014.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2023 12:46
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/07/2023
 Supervised By :Ankita Jodhani 11/07/2023

Integration File: autoint1.e
 Quant Time: Nov 06 23:11:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.511	4351843	19.774 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
12) S 1-chlorooctadecane (S...	12.943	3148429	19.916 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T n-Nonane (C9)	3.309	3800677	20.102 ug/ml
2) T n-Decane (C10)	4.370	3836521	20.177 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3955497	20.487 ug/ml
4) T n-Dodecane (C12)	6.380	3880623	20.089 ug/ml
5) T A~2-methylnaphthalene...	7.004	3832785	20.857 ug/ml
6) T n-Tetradecane (C14)	8.167	3800461	20.141 ug/ml
7) T n-Hexadecane (C16)	9.762	3814966	20.182 ug/ml
8) T n-Octadecane (C18)	11.198	3786793	20.065 ug/ml
10) T n-Eicosane (C20)	12.501	3583988	19.935 ug/ml
11) T n-Heneicosane (C21)	13.110	3483789	19.843 ug/ml
13) T n-Docosane (C22)	13.694	3393955	19.759 ug/ml
14) T n-Tetracosane (C24)	14.792	3267841	19.620 ug/ml
15) T n-Hexacosane (C26)	15.808	3143177	19.583 ug/ml
16) T n-Octacosane (C28)	16.753	3067514	19.601 ug/ml
17) T n-Tricontane (C30)	17.638	3129824	19.760 ug/ml
18) T n-Dotriacontane (C32)	18.467	3112927	19.715 ug/ml
19) T n-Tetratriacontane (C34)	19.247	3002793	19.672 ug/mlm
20) T n-Hexatriacontane (C36)	19.983	2921566	19.363 ug/ml
21) T n-Octatriacontane (C38)	20.704	2939382	19.752 ug/ml
22) T n-Tetracontane (C40)	21.579	3264073	22.193 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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