

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F122623AL\
 Data File : FC065514.D
 Signal(s) : FID1A.ch
 Acq On : 26 Dec 2023 08:43
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 09:14:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 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)	11.495	4599035	20.096 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
12) S 1-chlorooctadecane (S...	12.928	3216008	19.675 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
Target Compounds			
1) T n-Nonane (C9)	3.293	4065104	20.444 ug/ml
2) T n-Decane (C10)	4.352	4085126	20.377 ug/ml
3) T A~Naphthalene (C11.7)	5.934	4207538	20.935 ug/ml
4) T n-Dodecane (C12)	6.363	4166013	20.378 ug/ml
5) T A~2-methylnaphthalene...	6.989	3850438	19.722 ug/ml
6) T n-Tetradecane (C14)	8.152	4010789	20.021 ug/ml
7) T n-Hexadecane (C16)	9.746	4003670	20.001 ug/ml
8) T n-Octadecane (C18)	11.182	3934001	19.991 ug/ml
10) T n-Eicosane (C20)	12.485	3728773	19.890 ug/ml
11) T n-Heneicosane (C21)	13.094	3636755	19.939 ug/ml
13) T n-Docosane (C22)	13.677	3552603	19.690 ug/ml
14) T n-Tetracosane (C24)	14.774	3445951	19.128 ug/ml
15) T n-Hexacosane (C26)	15.789	3304481	19.076 ug/ml
16) T n-Octacosane (C28)	16.736	3211733	18.727 ug/ml
17) T n-Tricontane (C30)	17.619	3237086	18.483 ug/ml
18) T n-Dotriacontane (C32)	18.447	3216454	18.440 ug/ml
19) T n-Tetratriacontane (C34)	19.227	3153855	19.061 ug/ml
20) T n-Hexatriacontane (C36)	19.964	3081566	19.086 ug/mlm
21) T n-Octatriacontane (C38)	20.682	3079965	19.420 ug/ml
22) T n-Tetracontane (C40)	21.553	2815575	17.677 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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