

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100423AL\
 Data File : FC064734.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2023 03:16
 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 10/05/2023
 Supervised By :Ankita Jodhani 10/05/2023

Integration File: autoint1.e
 Quant Time: Oct 05 03:53:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.519	4432295	21.905 ug/ml
Spiked Amount 50.000		Recovery =	43.81%
12) S 1-chlorooctadecane (S...	12.951	3199653	21.967 ug/ml
Spiked Amount 50.000		Recovery =	43.93%
Target Compounds			
1) T n-Nonane (C9)	3.325	3713893	21.016 ug/mlm
2) T n-Decane (C10)	4.383	3839758	21.374 ug/ml
3) T A~Naphthalene (C11.7)	5.963	3932458	20.932 ug/ml
4) T n-Dodecane (C12)	6.390	3905058	21.499 ug/ml
5) T A~2-methylnaphthalene...	7.016	3798136	21.298 ug/ml
6) T n-Tetradecane (C14)	8.177	3829143	21.580 ug/ml
7) T n-Hexadecane (C16)	9.771	3828259	21.297 ug/ml
8) T n-Octadecane (C18)	11.206	3805336	21.018 ug/ml
10) T n-Eicosane (C20)	12.509	3632623	21.326 ug/ml
11) T n-Heneicosane (C21)	13.118	3547651	21.420 ug/ml
13) T n-Docosane (C22)	13.701	3514239	21.572 ug/ml
14) T n-Tetracosane (C24)	14.798	3458607	21.785 ug/ml
15) T n-Hexacosane (C26)	15.816	3340333	21.883 ug/ml
16) T n-Octacosane (C28)	16.759	3350201	22.637 ug/ml
17) T n-Tricontane (C30)	17.643	3563944	23.991 ug/ml
18) T n-Dotriacontane (C32)	18.472	3603495	24.692 ug/ml
19) T n-Tetratriacontane (C34)	19.252	3326196	23.396 ug/ml
20) T n-Hexatriacontane (C36)	19.987	3069714	22.287 ug/ml
21) T n-Octatriacontane (C38)	20.705	2893499	21.113 ug/ml
22) T n-Tetracontane (C40)	21.586	2752520	20.235 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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