

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071723AL\
 Data File : FC064123.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2023 14:44
 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 07/18/2023
 Supervised By :Ankita Jodhani 07/18/2023

Integration File: autoint1.e
 Quant Time: Jul 18 01:47:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.517	3760397	19.367 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
12) S 1-chlorooctadecane (S...	12.952	2704566	19.439 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
Target Compounds			
1) T n-Nonane (C9)	3.305	3385212	18.981 ug/ml
2) T n-Decane (C10)	4.367	3432872	18.971 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3515741	18.848 ug/ml
4) T n-Dodecane (C12)	6.380	3427776	19.028 ug/ml
5) T A~2-methylnaphthalene...	7.002	3319027	18.859 ug/ml
6) T n-Tetradecane (C14)	8.170	3317918	19.180 ug/ml
7) T n-Hexadecane (C16)	9.767	3350005	19.285 ug/ml
8) T n-Octadecane (C18)	11.204	3353022	19.455 ug/mlm
10) T n-Eicosane (C20)	12.511	3166962	19.400 ug/ml
11) T n-Heneicosane (C21)	13.121	3081965	19.235 ug/ml
13) T n-Docosane (C22)	13.704	3039349	19.342 ug/ml
14) T n-Tetracosane (C24)	14.804	2986677	18.948 ug/ml
15) T n-Hexacosane (C26)	15.822	2918127	19.314 ug/ml
16) T n-Octacosane (C28)	16.769	2866676	19.025 ug/ml
17) T n-Tricontane (C30)	17.653	2966698	19.002 ug/ml
18) T n-Dotriacontane (C32)	18.482	2964533	18.766 ug/ml
19) T n-Tetratriacontane (C34)	19.262	2898976	18.839 ug/ml
20) T n-Hexatriacontane (C36)	20.001	2811561	19.044 ug/mlm
21) T n-Octatriacontane (C38)	20.723	2804123	18.930 ug/ml
22) T n-Tetracontane (C40)	21.608	2756495	18.912 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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