

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072822AL\
 Data File : FC060872.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2022 10:13
 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 07/29/2022
 Supervised By :Ankita Jodhani 07/29/2022

Integration File: autoint1.e
 Quant Time: Jul 28 22:49:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.634	3290377	20.050 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
12) S 1-chlorooctadecane (S...	11.998	2634697	19.846 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
Target Compounds			
1) T n-Nonane (C9)	2.622	3014894	21.407 ug/ml
2) T n-Decane (C10)	3.618	3069404	21.759 ug/ml
3) T A~Naphthalene (C11.7)	5.159	3160813	22.236 ug/ml
4) T n-Dodecane (C12)	5.566	3219614	21.723 ug/ml
5) T A~2-methylnaphthalene...	6.183	3060112	22.312 ug/ml
6) T n-Tetradecane (C14)	7.316	3224889	21.480 ug/ml
7) T n-Hexadecane (C16)	8.878	3242450	21.188 ug/ml
8) T n-Octadecane (C18)	10.285	3237783	20.735 ug/ml
10) T n-Eicosane (C20)	11.563	3170973	20.206 ug/ml
11) T n-Heneicosane (C21)	12.160	3125845	19.977 ug/ml
13) T n-Docosane (C22)	12.732	3071377	19.699 ug/ml
14) T n-Tetracosane (C24)	13.809	2911796	19.073 ug/ml
15) T n-Hexacosane (C26)	14.806	2762788	18.508 ug/ml
16) T n-Octacosane (C28)	15.732	2637132	18.404 ug/ml
17) T n-Tricontane (C30)	16.598	2648922	18.921 ug/ml
18) T n-Dotriacontane (C32)	17.410	2652784	19.656 ug/ml
19) T n-Tetratriacontane (C34)	18.175	2551671	20.345 ug/ml
20) T n-Hexatriacontane (C36)	18.896	2560173	20.945 ug/ml
21) T n-Octatriacontane (C38)	19.578	2511860	21.283 ug/ml
22) T n-Tetracontane (C40)	20.226	2501770	21.736 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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