

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062822AL\
 Data File : FC060494.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 19:36
 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 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 03:16:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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)	10.641	3763361	20.536 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
12) S 1-chlorooctadecane (S...	12.006	3017691	20.474 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T n-Nonane (C9)	2.634	3156404	20.577 ug/ml
2) T n-Decane (C10)	3.629	3180523	20.826 ug/ml
3) T A~Naphthalene (C11.7)	5.168	3489680	20.873 ug/ml
4) T n-Dodecane (C12)	5.576	3383471	20.936 ug/ml
5) T A~2-methylnaphthalene...	6.192	3523397	20.727 ug/ml
6) T n-Tetradecane (C14)	7.325	3460123	20.945 ug/ml
7) T n-Hexadecane (C16)	8.886	3535293	20.919 ug/ml
8) T n-Octadecane (C18)	10.293	3570642	20.754 ug/ml
10) T n-Eicosane (C20)	11.571	3511960	20.578 ug/ml
11) T n-Heneicosane (C21)	12.168	3496330	20.506 ug/ml
13) T n-Docosane (C22)	12.741	3564997	20.914 ug/ml
14) T n-Tetracosane (C24)	13.816	3476087	20.703 ug/ml
15) T n-Hexacosane (C26)	14.813	3379473	20.565 ug/ml
16) T n-Octacosane (C28)	15.739	3279675	20.669 ug/ml
17) T n-Tricontane (C30)	16.605	3196692	21.000 ug/ml
18) T n-Dotriacontane (C32)	17.414	2986271	20.543 ug/ml
19) T n-Tetratriacontane (C34)	18.179	2686428	21.151 ug/ml
20) T n-Hexatriacontane (C36)	18.900	2484713	22.140 ug/mlm
21) T n-Octatriacontane (C38)	19.580	2385654	21.794 ug/mlm
22) T n-Tetracontane (C40)	20.227	2431012	21.525 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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