

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060122AL\
 Data File : FC060034.D
 Signal(s) : FID1A.CH
 Acq On : 01 Jun 2022 11:12
 Operator : UA/NP
 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 06/02/2022
 Supervised By :Ankita Jodhani 06/02/2022

Integration File: sample.E
 Quant Time: Jun 02 04:58:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.649	3265081	20.981 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
12) S 1-chlorooctadecane (S...	12.019	2620721	21.137 ug/ml
Spiked Amount 50.000		Recovery =	42.27%
Target Compounds			
1) T n-Nonane (C9)	2.632	2717243	21.231 ug/ml
2) T n-Decane (C10)	3.629	2746028	21.465 ug/ml
3) T A~Naphthalene (C11.7)	5.164	3125850	21.626 ug/ml
4) T n-Dodecane (C12)	5.580	2859538	21.451 ug/ml
5) T A~2-methylnaphthalene...	6.189	3182360	21.683 ug/ml
6) T n-Tetradecane (C14)	7.332	2931160	21.471 ug/ml
7) T n-Hexadecane (C16)	8.895	3014222	21.483 ug/ml
8) T n-Octadecane (C18)	10.304	3064026	21.411 ug/ml
10) T n-Eicosane (C20)	11.584	3024181	21.197 ug/ml
11) T n-Heneicosane (C21)	12.182	3018543	21.059 ug/ml
13) T n-Docosane (C22)	12.754	2990859	20.989 ug/ml
14) T n-Tetracosane (C24)	13.832	2908079	20.723 ug/ml
15) T n-Hexacosane (C26)	14.830	2785188	20.568 ug/ml
16) T n-Octacosane (C28)	15.757	2683902	20.608 ug/ml
17) T n-Tricontane (C30)	16.624	2587205	21.133 ug/ml
18) T n-Dotriacontane (C32)	17.436	2419184	21.698 ug/ml
19) T n-Tetratriacontane (C34)	18.201	2210412	21.672 ug/ml
20) T n-Hexatriacontane (C36)	18.924	2070739	21.867 ug/mlm
21) T n-Octatriacontane (C38)	19.603	2013972	21.829 ug/mlm
22) T n-Tetracontane (C40)	20.254	2041372	21.697 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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