

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072922AL\
 Data File : FC060893.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jul 2022 10:02
 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 08/01/2022
 Supervised By :Ankita Jodhani 08/01/2022

Integration File: sample.E
 Quant Time: Jul 29 22:59:58 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)	10.632	3341253	20.360 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
12) S 1-chlorooctadecane (S...	11.998	2671976	20.127 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
Target Compounds			
1) T n-Nonane (C9)	2.624	3084997	21.904 ug/ml
2) T n-Decane (C10)	3.619	3151462	22.340 ug/ml
3) T A~Naphthalene (C11.7)	5.159	3235043	22.759 ug/ml
4) T n-Dodecane (C12)	5.566	3277362	22.112 ug/ml
5) T A~2-methylnaphthalene...	6.183	3127716	22.805 ug/ml
6) T n-Tetradecane (C14)	7.316	3288877	21.906 ug/ml
7) T n-Hexadecane (C16)	8.877	3310759	21.634 ug/ml
8) T n-Octadecane (C18)	10.284	3295220	21.102 ug/ml
10) T n-Eicosane (C20)	11.562	3221792	20.530 ug/ml
11) T n-Heneicosane (C21)	12.160	3172155	20.273 ug/ml
13) T n-Docosane (C22)	12.732	3113854	19.971 ug/ml
14) T n-Tetracosane (C24)	13.808	2972082	19.467 ug/ml
15) T n-Hexacosane (C26)	14.805	2843739	19.051 ug/ml
16) T n-Octacosane (C28)	15.731	2744053	19.150 ug/ml
17) T n-Tricontane (C30)	16.599	2804580	20.032 ug/ml
18) T n-Dotriacontane (C32)	17.411	2838046	21.029 ug/ml
19) T n-Tetratriacontane (C34)	18.174	2714141	21.641 ug/ml
20) T n-Hexatriacontane (C36)	18.895	2680127	21.926 ug/mlm
21) T n-Octatriacontane (C38)	19.578	2616346	22.168 ug/mlm
22) T n-Tetracontane (C40)	20.221	2565403	22.289 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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