

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AL\
 Data File : FD042487.D
 Signal(s) : FID2B.CH
 Acq On : 16 May 2022 23:33
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e
 Quant Time: May 17 01:35:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.205	3289597	19.615 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
12) S 1-chlorooctadecane (S...	12.644	2529998	19.173 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
Target Compounds			
1) T n-Nonane (C9)	3.084	2967758	21.773 ug/ml
2) T n-Decane (C10)	4.127	2973038	22.185 ug/ml
3) T A~Naphthalene (C11.7)	5.677	3109070	21.449 ug/ml
4) T n-Dodecane (C12)	6.119	3086114	21.677 ug/ml
5) T A~2-methylnaphthalene...	6.721	3128654	22.451 ug/ml
6) T n-Tetradecane (C14)	7.893	3103565	21.788 ug/ml
7) T n-Hexadecane (C16)	9.479	3106476	21.377 ug/ml
8) T n-Octadecane (C18)	10.908	3093068	20.638 ug/ml
10) T n-Eicosane (C20)	12.207	3013624	19.689 ug/ml
11) T n-Heneicosane (C21)	12.815	2971338	19.274 ug/ml
13) T n-Docosane (C22)	13.398	2981332	19.341 ug/ml
14) T n-Tetracosane (C24)	14.493	2965827	19.177 ug/ml
15) T n-Hexacosane (C26)	15.508	2902876	18.872 ug/ml
16) T n-Octacosane (C28)	16.453	2902013	18.981 ug/ml
17) T n-Tricontane (C30)	17.336	2851643	19.011 ug/ml
18) T n-Dotriacontane (C32)	18.161	2654788	18.775 ug/mlm
19) T n-Tetratriacontane (C34)	18.941	2466640	19.167 ug/mlm
20) T n-Hexatriacontane (C36)	19.678	2309323	20.407 ug/mlm
21) T n-Octatriacontane (C38)	20.376	2201165	22.061 ug/mlm
22) T n-Tetracontane (C40)	21.150	2159303	23.939 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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