

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051022AL\
 Data File : FD042405.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2022 3:07
 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 05/11/2022
 Supervised By :mohammad ahmed 05/11/2022

Integration File: sample.E
 Quant Time: May 11 04:49:02 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)	11.208	3093838	18.448 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
12) S 1-chlorooctadecane (S...	12.647	2412645	18.283 ug/ml
Spiked Amount 50.000		Recovery =	36.57%
Target Compounds			
1) T n-Nonane (C9)	3.082	2748952	20.168 ug/ml
2) T n-Decane (C10)	4.127	2760791	20.601 ug/ml
3) T A~Naphthalene (C11.7)	5.677	2869223	19.794 ug/ml
4) T n-Dodecane (C12)	6.120	2882591	20.248 ug/ml
5) T A~2-methylnaphthalene...	6.723	2875410	20.634 ug/ml
6) T n-Tetradecane (C14)	7.895	2885826	20.259 ug/ml
7) T n-Hexadecane (C16)	9.481	2906991	20.004 ug/ml
8) T n-Octadecane (C18)	10.911	2926122	19.524 ug/ml
10) T n-Eicosane (C20)	12.210	2906998	18.992 ug/ml
11) T n-Heneicosane (C21)	12.818	2839069	18.416 ug/ml
13) T n-Docosane (C22)	13.399	3049967	19.786 ug/ml
14) T n-Tetracosane (C24)	14.495	3300726	21.343 ug/ml
15) T n-Hexacosane (C26)	15.509	3505945	22.793 ug/ml
16) T n-Octacosane (C28)	16.454	3708996	24.259 ug/ml
17) T n-Tricontane (C30)	17.335	3742489	24.950 ug/mlm
18) T n-Dotriacontane (C32)	18.163	3414787	24.150 ug/ml
19) T n-Tetratriacontane (C34)	18.940	2916150	22.660 ug/mlm
20) T n-Hexatriacontane (C36)	19.677	2430348	21.477 ug/ml
21) T n-Octatriacontane (C38)	20.374	2385982	23.913 ug/ml
22) T n-Tetracontane (C40)	21.145	2111936	23.414 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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