

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041122AL\
 Data File : FD041941.D
 Signal(s) : FID2B.CH
 Acq On : 11 Apr 2022 20:53
 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 04/12/2022
 Supervised By :mohammad ahmed 04/13/2022

Integration File: autoint1.e
 Quant Time: Apr 12 02:39:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 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)	11.218	3638944	20.520 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
12) S 1-chlorooctadecane (S...	12.657	2832825	20.458 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
Target Compounds			
1) T n-Nonane (C9)	3.085	3299906	22.433 ug/ml
2) T n-Decane (C10)	4.131	3290548	22.535 ug/ml
3) T A~Naphthalene (C11.7)	5.682	3549125	22.721 ug/ml
4) T n-Dodecane (C12)	6.126	3400921	22.577 ug/ml
5) T A~2-methylnaphthalene...	6.728	3559722	22.884 ug/ml
6) T n-Tetradecane (C14)	7.903	3424679	22.483 ug/ml
7) T n-Hexadecane (C16)	9.490	3437363	22.293 ug/ml
8) T n-Octadecane (C18)	10.921	3438218	21.823 ug/ml
10) T n-Eicosane (C20)	12.220	3321909	20.999 ug/ml
11) T n-Heneicosane (C21)	12.827	3281235	20.490 ug/ml
13) T n-Docosane (C22)	13.409	3215982	20.024 ug/ml
14) T n-Tetracosane (C24)	14.505	3075875	19.028 ug/ml
15) T n-Hexacosane (C26)	15.520	2932247	18.155 ug/ml
16) T n-Octacosane (C28)	16.463	2835191	17.613 ug/ml
17) T n-Tricontane (C30)	17.346	2737047	17.368 ug/ml
18) T n-Dotriacontane (C32)	18.172	2662626	17.943 ug/mlm
19) T n-Tetratriacontane (C34)	18.951	2476230	18.481 ug/mlm
20) T n-Hexatriacontane (C36)	19.688	2488858	20.785 ug/mlm
21) T n-Octatriacontane (C38)	20.386	2286049	20.655 ug/mlm
22) T n-Tetracontane (C40)	21.160	2387604	22.177 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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