

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AL\
 Data File : FD040410.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 5:07
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2022
 Supervised By :Ankita Jodhani 01/05/2022

Integration File: autoint1.e
 Quant Time: Jan 05 06:26:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 06:25:38 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)	10.637	7617028	48.621 ug/ml
Spiked Amount 50.000		Recovery =	97.24%
12) S 1-chlorooctadecane (S...	12.074	5871546	48.768 ug/ml
Spiked Amount 50.000		Recovery =	97.54%
Target Compounds			
1) T n-Nonane (C9)	2.577	6351149	48.591 ug/ml
2) T n-Decane (C10)	3.566	6378526	48.537 ug/ml
3) T A~Naphthalene (C11.7)	5.098	7176195	49.095 ug/ml
4) T n-Dodecane (C12)	5.536	6368218	48.801 ug/ml
5) T A~2-methylnaphthalene...	6.139	7182765	49.438 ug/ml
6) T n-Tetradecane (C14)	7.314	6466015	48.806 ug/ml
7) T n-Hexadecane (C16)	8.903	6515519	48.969 ug/ml
8) T n-Octadecane (C18)	10.335	6759492	48.882 ug/ml
10) T n-Eicosane (C20)	11.636	6744575	48.719 ug/ml
11) T n-Heneicosane (C21)	12.245	6843909	48.464 ug/ml
13) T n-Docosane (C22)	12.828	6817021	48.316 ug/ml
14) T n-Tetracosane (C24)	13.925	6887982	48.228 ug/ml
15) T n-Hexacosane (C26)	14.940	6770078	47.932 ug/ml
16) T n-Octacosane (C28)	15.885	6670970	47.863 ug/ml
17) T n-Tricontane (C30)	16.767	6389224	47.977 ug/ml
18) T n-Dotriacontane (C32)	17.594	5741258	46.652 ug/ml
19) T n-Tetratriacontane (C34)	18.374	5148558	48.376 ug/ml
20) T n-Hexatriacontane (C36)	19.109	4701138	46.980 ug/mlm
21) T n-Octatriacontane (C38)	19.808	4386642	48.008 ug/ml
22) T n-Tetracontane (C40)	20.614	4345436	48.772 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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