

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AL\
 Data File : FD040413.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 6:46
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

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 07:04:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 06:37:45 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)	10.630	736183	4.721 ug/ml
Spiked Amount 50.000		Recovery =	9.44%
12) S 1-chlorooctadecane (S...	12.069	546585	4.562 ug/ml
Spiked Amount 50.000		Recovery =	9.12%
Target Compounds			
1) T n-Nonane (C9)	2.576	616452	4.755 ug/ml
2) T n-Decane (C10)	3.563	614000	4.714 ug/ml
3) T A~Naphthalene (C11.7)	5.097	647856	4.462 ug/ml
4) T n-Dodecane (C12)	5.533	602875	4.651 ug/ml
5) T A~2-methylnaphthalene...	6.137	631289	4.360 ug/ml
6) T n-Tetradecane (C14)	7.311	606552	4.609 ug/ml
7) T n-Hexadecane (C16)	8.898	605451	4.567 ug/ml
8) T n-Octadecane (C18)	10.330	634267	4.607 ug/ml
10) T n-Eicosane (C20)	11.631	642557	4.660 ug/ml
11) T n-Heneicosane (C21)	12.240	656606	4.681 ug/ml
13) T n-Docosane (C22)	12.822	652843	4.673 ug/ml
14) T n-Tetracosane (C24)	13.919	672373	4.763 ug/ml
15) T n-Hexacosane (C26)	14.935	665698	4.788 ug/ml
16) T n-Octacosane (C28)	15.878	655201	4.788 ug/ml
17) T n-Tricontane (C30)	16.761	634582	4.837 ug/ml
18) T n-Dotriacontane (C32)	17.590	602957	5.055 ug/ml
19) T n-Tetratriacontane (C34)	18.371	514759	4.862 ug/ml
20) T n-Hexatriacontane (C36)	19.106	537789	5.390 ug/ml
21) T n-Octatriacontane (C38)	19.805	431792	4.793 ug/ml
22) T n-Tetracontane (C40)	20.610	388680	4.446 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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