

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD039991.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 10:45
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: autoint1.e
 Quant Time: Dec 17 23:39:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 2021
 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)	10.763	3263955	20.791 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
12) S 1-chlorooctadecane (S...	12.197	2583161	20.917 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
Target Compounds			
1) T n-Nonane (C9)	2.663	2954726	20.997 ug/ml
2) T n-Decane (C10)	3.664	3007860	21.089 ug/ml
3) T A~Naphthalene (C11.7)	5.213	3380467	21.059 ug/ml
4) T n-Dodecane (C12)	5.644	3004248	21.041 ug/ml
5) T A~2-methylnaphthalene...	6.256	3416386	21.170 ug/ml
6) T n-Tetradecane (C14)	7.427	3053030	21.183 ug/ml
7) T n-Hexadecane (C16)	9.018	3063528	21.058 ug/ml
8) T n-Octadecane (C18)	10.454	3126239	21.009 ug/ml
10) T n-Eicosane (C20)	11.757	3085663	21.098 ug/ml
11) T n-Heneicosane (C21)	12.366	3076860	20.942 ug/ml
13) T n-Docosane (C22)	12.950	3019568	20.678 ug/mlm
14) T n-Tetracosane (C24)	14.049	3029080	20.798 ug/mlm
15) T n-Hexacosane (C26)	15.066	2935318	20.928 ug/ml
16) T n-Octacosane (C28)	16.014	2817706	20.776 ug/mlm
17) T n-Tricontane (C30)	16.896	2768263	21.185 ug/mlm
18) T n-Dotriacontane (C32)	17.728	2679338	21.529 ug/mlm
19) T n-Tetratriacontane (C34)	18.511	2606185	21.578 ug/mlm
20) T n-Hexatriacontane (C36)	19.247	2467064	21.452 ug/mlm
21) T n-Octatriacontane (C38)	19.962	2349782	21.051 ug/mlm
22) T n-Tetracontane (C40)	20.815	2353469	20.654 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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