

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121621AL\
 Data File : FD039989.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 9:38
 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 12/17/2021
 Supervised By :Ankita Jodhani 12/17/2021

Integration File: autoint1.e
 Quant Time: Dec 17 10:11:03 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	3279066	20.887 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
12) S 1-chlorooctadecane (S...	12.198	2586484	20.944 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
Target Compounds			
1) T n-Nonane (C9)	2.663	2963037	21.056 ug/ml
2) T n-Decane (C10)	3.664	3002294	21.050 ug/ml
3) T A~Naphthalene (C11.7)	5.213	3366899	20.974 ug/ml
4) T n-Dodecane (C12)	5.645	3008915	21.073 ug/ml
5) T A~2-methylnaphthalene...	6.257	3392110	21.020 ug/ml
6) T n-Tetradecane (C14)	7.427	3045937	21.133 ug/ml
7) T n-Hexadecane (C16)	9.019	3073252	21.125 ug/ml
8) T n-Octadecane (C18)	10.453	3133606	21.059 ug/ml
10) T n-Eicosane (C20)	11.757	3086792	21.106 ug/ml
11) T n-Heneicosane (C21)	12.367	3078916	20.956 ug/ml
13) T n-Docosane (C22)	12.951	3040006	20.818 ug/ml
14) T n-Tetracosane (C24)	14.050	3029700	20.802 ug/ml
15) T n-Hexacosane (C26)	15.066	2899656	20.674 ug/ml
16) T n-Octacosane (C28)	16.014	2819264	20.787 ug/ml
17) T n-Tricontane (C30)	16.897	2774706	21.234 ug/ml
18) T n-Dotriacontane (C32)	17.728	2614064	21.004 ug/mlm
19) T n-Tetratriacontane (C34)	18.510	2555775	21.160 ug/ml
20) T n-Hexatriacontane (C36)	19.248	2385997	20.747 ug/mlm
21) T n-Octatriacontane (C38)	19.962	2326570	20.843 ug/ml
22) T n-Tetracontane (C40)	20.817	2212672	19.419 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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