

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111921AL\
 Data File : FD039549.D
 Signal(s) : FID2B.CH
 Acq On : 20 Nov 2021 2:36
 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 :Ankita Jodhani 11/22/2021
 Supervised By :Sohil Jodhani 11/22/2021

Integration File: autoint1.e
 Quant Time: Nov 20 04:59:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.659	2683397	21.032 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
12) S 1-chlorooctadecane (S...	13.085	2070320	19.921 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.421	2437122	20.961 ug/ml
2) T n-Decane (C10)	4.490	2501123	21.394 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2770515	21.497 ug/ml
4) T n-Dodecane (C12)	6.505	2511973	21.230 ug/ml
5) T A~2-methylnaphthalene...	7.137	2774328	21.124 ug/ml
6) T n-Tetradecane (C14)	8.297	2523696	21.411 ug/ml
7) T n-Hexadecane (C16)	9.895	2518808	21.019 ug/ml
8) T n-Octadecane (C18)	11.334	2557738	20.899 ug/ml
10) T n-Eicosane (C20)	12.640	2498645	20.260 ug/ml
11) T n-Heneicosane (C21)	13.251	2486003	19.852 ug/ml
13) T n-Docosane (C22)	13.835	2455945	19.773 ug/ml
14) T n-Tetracosane (C24)	14.934	2461015	19.825 ug/ml
15) T n-Hexacosane (C26)	15.951	2359509	19.207 ug/ml
16) T n-Octacosane (C28)	16.898	2319652	19.925 ug/ml
17) T n-Tricontane (C30)	17.782	2302219	19.545 ug/ml
18) T n-Dotriacontane (C32)	18.611	2261549	19.780 ug/mlm
19) T n-Tetratriacontane (C34)	19.392	2192913	20.689 ug/ml
20) T n-Hexatriacontane (C36)	20.128	2135867	20.967 ug/mlm
21) T n-Octatriacontane (C38)	20.866	2045684	21.317 ug/ml
22) T n-Tetracontane (C40)	21.787	2051097	22.233 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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