

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111821AL\
 Data File : FD039525.D
 Signal(s) : FID2B.CH
 Acq On : 19 Nov 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 :Ankita Jodhani 11/19/2021
 Supervised By :Sohil Jodhani 11/22/2021

Integration File: autoint1.e
 Quant Time: Nov 19 11:09:22 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)	11.665	2848744	22.327 ug/ml
Spiked Amount 50.000		Recovery =	44.65%
12) S 1-chlorooctadecane (S...	13.091	2206471	21.231 ug/ml
Spiked Amount 50.000		Recovery =	42.46%
Target Compounds			
1) T n-Nonane (C9)	3.423	2607506	22.426 ug/ml
2) T n-Decane (C10)	4.492	2670931	22.846 ug/ml
3) T A~Naphthalene (C11.7)	6.086	2961743	22.981 ug/ml
4) T n-Dodecane (C12)	6.508	2691718	22.749 ug/ml
5) T A~2-methylnaphthalene...	7.141	2970345	22.617 ug/ml
6) T n-Tetradecane (C14)	8.301	2705815	22.956 ug/ml
7) T n-Hexadecane (C16)	9.900	2703369	22.560 ug/ml
8) T n-Octadecane (C18)	11.339	2734903	22.346 ug/ml
10) T n-Eicosane (C20)	12.647	2666033	21.617 ug/ml
11) T n-Heneicosane (C21)	13.257	2647620	21.143 ug/ml
13) T n-Docosane (C22)	13.842	2623773	21.125 ug/ml
14) T n-Tetracosane (C24)	14.941	2623304	21.133 ug/ml
15) T n-Hexacosane (C26)	15.958	2504100	20.384 ug/ml
16) T n-Octacosane (C28)	16.906	2460146	21.132 ug/ml
17) T n-Tricontane (C30)	17.790	2423427	20.574 ug/ml
18) T n-Dotriacontane (C32)	18.619	2369448	20.724 ug/mlm
19) T n-Tetratriacontane (C34)	19.400	2453731	23.149 ug/ml
20) T n-Hexatriacontane (C36)	20.137	2284501	22.426 ug/mlm
21) T n-Octatriacontane (C38)	20.878	2070126	21.572 ug/mlm
22) T n-Tetracontane (C40)	21.800	2267838	24.583 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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