

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081221AL\
 Data File : FD038524.D
 Signal(s) : FID2B.CH
 Acq On : 12 Aug 2021 12:30
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

mohammad
 8/13/2021 10:10:02 AM

Integration File: autoint1.e
 Quant Time: Aug 13 02:04:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.367	2587935	18.959 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
12) S 1-chlorooctadecane (S...	12.804	1999437	18.594 ug/ml
Spiked Amount 50.000		Recovery =	37.19%
Target Compounds			
1) T n-Nonane (C9)	3.191	2459693	20.951 ug/ml
2) T n-Decane (C10)	4.244	2518139	21.358 ug/ml
3) T A~Naphthalene (C11.7)	5.809	2776914	21.273 ug/ml
4) T n-Dodecane (C12)	6.248	2540196	21.393 ug/ml
5) T A~2-methylnaphthalene...	6.861	2788031	21.306 ug/ml
6) T n-Tetradecane (C14)	8.033	2560453	21.068 ug/ml
7) T n-Hexadecane (C16)	9.625	2534209	20.736 ug/ml
8) T n-Octadecane (C18)	11.060	2530880	20.102 ug/ml
10) T n-Eicosane (C20)	12.364	2420917	19.205 ug/ml
11) T n-Heneicosane (C21)	12.973	2392301	18.741 ug/ml
13) T n-Docosane (C22)	13.556	2343506	18.409 ug/ml
14) T n-Tetracosane (C24)	14.653	2289025	17.795 ug/ml
15) T n-Hexacosane (C26)	15.669	2175224	17.081 ug/ml
16) T n-Octacosane (C28)	16.614	2126906	16.671 ug/ml
17) T n-Tricontane (C30)	17.497	2084113	16.450 ug/ml
18) T n-Dotriacontane (C32)	18.326	2039019	16.594 ug/ml
19) T n-Tetratriacontane (C34)	19.105	2060078	17.261 ug/mlm
20) T n-Hexatriacontane (C36)	19.841	2070170	18.574 ug/mlm
21) T n-Octatriacontane (C38)	20.542	2128512	20.589 ug/mlm
22) T n-Tetracontane (C40)	21.353	2276950	22.686 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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