

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070921AL\
 Data File : FD038156.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jul 2021 1:03
 Operator : DD\AJ
 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

mohammad
 7/12/2021 12:27:22 PM

Integration File: autoint1.e
 Quant Time: Jul 10 01:45:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.421	2842313	19.663 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
12) S 1-chlorooctadecane (S...	12.857	2191412	19.221 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
Target Compounds			
1) T n-Nonane (C9)	3.234	2558874	21.058 ug/ml
2) T n-Decane (C10)	4.291	2605182	21.299 ug/ml
3) T A~Naphthalene (C11.7)	5.860	2912390	21.305 ug/ml
4) T n-Dodecane (C12)	6.297	2665457	21.401 ug/ml
5) T A~2-methylnaphthalene...	6.912	2921130	21.208 ug/ml
6) T n-Tetradecane (C14)	8.084	2728329	21.227 ug/ml
7) T n-Hexadecane (C16)	9.677	2728317	21.054 ug/ml
8) T n-Octadecane (C18)	11.112	2757442	20.475 ug/ml
10) T n-Eicosane (C20)	12.415	2669352	19.873 ug/ml
11) T n-Heneicosane (C21)	13.025	2648944	19.497 ug/ml
13) T n-Docosane (C22)	13.607	2633750	19.575 ug/ml
14) T n-Tetracosane (C24)	14.705	2677480	19.829 ug/ml
15) T n-Hexacosane (C26)	15.720	2541786	19.292 ug/ml
16) T n-Octacosane (C28)	16.665	2469861	18.942 ug/ml
17) T n-Tricontane (C30)	17.549	2363120	18.492 ug/ml
18) T n-Dotriacontane (C32)	18.375	2243047	18.229 ug/mlm
19) T n-Tetratriacontane (C34)	19.156	2113312	18.047 ug/mlm
20) T n-Hexatriacontane (C36)	19.893	1992173	18.242 ug/ml
21) T n-Octatriacontane (C38)	20.597	1893204	18.797 ug/ml
22) T n-Tetracontane (C40)	21.427	1988429	20.331 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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