

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010621AL\
 Data File : FD035924.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2021 2:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Ankita
 1/7/2021 3:33:55 PM

Integration File: autoint1.e
 Quant Time: Jan 07 04:17:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 01:48:46 2020
 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)	11.477	2681208	20.285 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
12) S 1-chlorooctadecane (S...	12.910	2116060	19.997 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
Target Compounds			
1) T n-Nonane (C9)	3.282	2454567	21.633 ug/ml
2) T n-Decane (C10)	4.342	2480470	21.721 ug/ml
3) T A~Naphthalene (C11.7)	5.919	2600977	21.405 ug/ml
4) T n-Dodecane (C12)	6.348	2551071	21.563 ug/ml
5) T A~2-methylnaphthalene...	6.971	2622922	21.256 ug/ml
6) T n-Tetradecane (C14)	8.134	2538564	21.320 ug/ml
7) T n-Hexadecane (C16)	9.728	2483393	21.201 ug/ml
8) T n-Octadecane (C18)	11.163	2564382	20.760 ug/ml
10) T n-Eicosane (C20)	12.467	2540074	20.285 ug/ml
11) T n-Heneicosane (C21)	13.076	2504356	20.041 ug/ml
13) T n-Docosane (C22)	13.660	2460876	19.784 ug/ml
14) T n-Tetracosane (C24)	14.757	2385812	19.348 ug/ml
15) T n-Hexacosane (C26)	15.774	2282336	18.983 ug/ml
16) T n-Octacosane (C28)	16.719	2211886	18.866 ug/ml
17) T n-Tricontane (C30)	17.601	2136710	19.081 ug/ml
18) T n-Dotriacontane (C32)	18.429	1995838	19.649 ug/ml
19) T n-Tetratriacontane (C34)	19.208	1894044	20.191 ug/ml
20) T n-Hexatriacontane (C36)	19.944	1887648	21.671 ug/mlm
21) T n-Octatriacontane (C38)	20.656	2052776	24.864 ug/mlm
22) T n-Tetracontane (C40)	21.513	1859274	22.289 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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