

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030520AL\
 Data File : FC046167.D
 Signal(s) : FID1A.CH
 Acq On : 06 Mar 2020 14:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Sohil
 3/11/2020 10:53:14 AM

Integration File: autoint1.e
 Quant Time: Mar 06 15:21:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.765	2240542	19.640 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
12) S 1-chlorooctadecane (S...	13.184	1730976	19.295 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
Target Compounds			
1) T n-Nonane (C9)	3.538	2156447	21.393 ug/ml
2) T n-Decane (C10)	4.608	2198765	21.800 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2376577	21.404 ug/ml
4) T n-Dodecane (C12)	6.619	2220592	21.766 ug/ml
5) T A~2-methylnaphthalene...	7.261	2378823	21.385 ug/ml
6) T n-Tetradecane (C14)	8.405	2206635	21.556 ug/ml
7) T n-Hexadecane (C16)	9.998	2192778	21.179 ug/ml
8) T n-Octadecane (C18)	11.434	2168687	20.630 ug/ml
10) T n-Eicosane (C20)	12.737	2115926	20.016 ug/ml
11) T n-Heneicosane (C21)	13.348	2097811	19.668 ug/ml
13) T n-Docosane (C22)	13.931	2059646	19.384 ug/ml
14) T n-Tetracosane (C24)	15.029	2018257	18.857 ug/ml
15) T n-Hexacosane (C26)	16.046	1972234	18.556 ug/ml
16) T n-Octacosane (C28)	16.992	1943265	18.561 ug/ml
17) T n-Tricontane (C30)	17.876	1917507	19.028 ug/ml
18) T n-Dotriacontane (C32)	18.704	1662222	19.422 ug/ml
19) T n-Tetratriacontane (C34)	19.487	1421227	19.582 ug/ml
20) T n-Hexatriacontane (C36)	20.222	1537715	22.738 ug/mlm
21) T n-Octatriacontane (C38)	20.988	1143644	18.921 ug/ml
22) T n-Tetracontane (C40)	21.950	1335160	21.236 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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