

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040120AL\
 Data File : FC046579.D
 Signal(s) : FID1A.CH
 Acq On : 01 Apr 2020 23:53
 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
 4/3/2020 9:11:24 AM

Integration File: autoint1.e
 Quant Time: Apr 02 02:15:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.764	2090983	19.128 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
12) S 1-chlorooctadecane (S...	13.182	1626658	18.876 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
Target Compounds			
1) T n-Nonane (C9)	3.543	1962751	20.438 ug/ml
2) T n-Decane (C10)	4.612	1976946	20.583 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2089863	20.858 ug/ml
4) T n-Dodecane (C12)	6.621	2006011	20.552 ug/ml
5) T A~2-methylnaphthalene...	7.265	2108215	20.852 ug/ml
6) T n-Tetradecane (C14)	8.405	1993377	20.244 ug/ml
7) T n-Hexadecane (C16)	9.997	1989516	19.928 ug/ml
8) T n-Octadecane (C18)	11.432	1980048	19.508 ug/ml
10) T n-Eicosane (C20)	12.736	1951745	19.092 ug/ml
11) T n-Heneicosane (C21)	13.345	1943214	18.847 ug/ml
13) T n-Docosane (C22)	13.929	1914661	18.652 ug/ml
14) T n-Tetracosane (C24)	15.026	1877534	18.189 ug/ml
15) T n-Hexacosane (C26)	16.043	1822378	17.762 ug/ml
16) T n-Octacosane (C28)	16.989	1765921	17.351 ug/ml
17) T n-Tricontane (C30)	17.875	1695362	17.304 ug/ml
18) T n-Dotriacontane (C32)	18.701	1427576	17.027 ug/ml
19) T n-Tetratriacontane (C34)	19.482	1359281	18.972 ug/mlm
20) T n-Hexatriacontane (C36)	20.218	1335415	19.063 ug/mlm
21) T n-Octatriacontane (C38)	20.983	1243426	19.705 ug/ml
22) T n-Tetracontane (C40)	21.947	1284969	18.569 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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