

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050422AL\
 Data File : FF010518.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2022 14:28
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/05/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File: sample.E
 Quant Time: May 04 15:42:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF050322
 Quant Title : GC Extractables
 QLast Update : Tue May 03 13:18:42 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.849	2304410	16.738 ug/ml
Spiked Amount 50.000		Recovery =	33.48%
12) S 1-chlorooctadecane (S...	12.287	1815717	16.696 ug/ml
Spiked Amount 50.000		Recovery =	33.39%
Target Compounds			
1) T n-Nonane (C9)	2.710	2028729	17.144 ug/ml
2) T n-Decane (C10)	3.717	2013636	17.147 ug/ml
3) T A~Naphthalene (C11.7)	5.274	2260354	17.049 ug/mlm
4) T n-Dodecane (C12)	5.703	2057641	17.134 ug/ml
5) T A~2-methylnaphthalene...	6.323	2271449	16.949 ug/ml
6) T n-Tetradecane (C14)	7.494	2080230	17.238 ug/ml
7) T n-Hexadecane (C16)	9.094	2108099	17.135 ug/ml
8) T n-Octadecane (C18)	10.534	2134855	17.012 ug/ml
10) T n-Eicosane (C20)	11.843	2119459	16.896 ug/ml
11) T n-Heneicosane (C21)	12.454	2110605	16.767 ug/ml
13) T n-Docosane (C22)	13.040	2119440	16.944 ug/ml
14) T n-Tetracosane (C24)	14.142	2126864	17.277 ug/ml
15) T n-Hexacosane (C26)	15.163	2070039	17.398 ug/ml
16) T n-Octacosane (C28)	16.111	2035112	17.831 ug/ml
17) T n-Tricontane (C30)	16.997	1976076	18.122 ug/ml
18) T n-Dotriacontane (C32)	17.828	1852821	18.083 ug/ml
19) T n-Tetratriacontane (C34)	18.609	1644985	17.825 ug/ml
20) T n-Hexatriacontane (C36)	19.347	1458922	17.484 ug/ml
21) T n-Octatriacontane (C38)	20.067	1307628	17.566 ug/ml
22) T n-Tetracontane (C40)	20.940	1259160	16.844 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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