

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051623AL\
 Data File : FE041950.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2023 20:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2023
 Supervised By :Ankita Jodhani 05/17/2023

Integration File: autoint1.e
 Quant Time: May 17 01:16:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 2023
 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)	11.973	3580907	19.087 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
12) S 1-chlorooctadecane (S...	13.410	2699273	19.107 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
Target Compounds			
1) T n-Nonane (C9)	3.347	2742695	18.658 ug/ml
2) T n-Decane (C10)	4.601	2957374	19.719 ug/ml
3) T A~Naphthalene (C11.7)	6.309	3271586	19.769 ug/ml
4) T n-Dodecane (C12)	6.771	2987070	19.646 ug/ml
5) T A~2-methylnaphthalene...	7.407	3174193	19.685 ug/ml
6) T n-Tetradecane (C14)	8.601	3005858	19.788 ug/ml
7) T n-Hexadecane (C16)	10.210	3158990	19.795 ug/ml
8) T n-Octadecane (C18)	11.655	3229831	19.705 ug/ml
10) T n-Eicosane (C20)	12.965	3102266	19.287 ug/ml
11) T n-Heneicosane (C21)	13.577	3024047	18.975 ug/ml
13) T n-Docosane (C22)	14.165	3010723	18.896 ug/ml
14) T n-Tetracosane (C24)	15.268	2993298	18.567 ug/ml
15) T n-Hexacosane (C26)	16.290	2911308	18.415 ug/ml
16) T n-Octacosane (C28)	17.240	2962507	19.253 ug/ml
17) T n-Tricontane (C30)	18.129	3269920	21.470 ug/ml
18) T n-Dotriacontane (C32)	18.961	3367477	22.604 ug/ml
19) T n-Tetratriacontane (C34)	19.746	3095301	21.972 ug/ml
20) T n-Hexatriacontane (C36)	20.486	2934607	21.944 ug/mlm
21) T n-Octatriacontane (C38)	21.240	2931749	22.188 ug/mlm
22) T n-Tetracontane (C40)	22.182	2922844	23.085 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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