

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062922AL\
 Data File : FE036282.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jun 2022 10:04
 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 06/30/2022
 Supervised By :Ankita Jodhani 06/30/2022

Integration File: autoint1.e
 Quant Time: Jun 30 01:27:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.875	3595907	17.998 ug/ml
Spiked Amount 50.000		Recovery =	36.00%
12) S 1-chlorooctadecane (S...	13.313	2794294	18.049 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
Target Compounds			
1) T n-Nonane (C9)	3.266	3268184	18.171 ug/ml
2) T n-Decane (C10)	4.520	3350728	18.640 ug/ml
3) T A~Naphthalene (C11.7)	6.222	3719702	18.539 ug/ml
4) T n-Dodecane (C12)	6.688	3439576	18.570 ug/ml
5) T A~2-methylnaphthalene...	7.317	3758526	18.463 ug/ml
6) T n-Tetradecane (C14)	8.514	3449685	18.452 ug/ml
7) T n-Hexadecane (C16)	10.120	3434055	18.337 ug/ml
8) T n-Octadecane (C18)	11.562	3396454	18.256 ug/ml
10) T n-Eicosane (C20)	12.871	3299810	18.215 ug/ml
11) T n-Heneicosane (C21)	13.481	3244906	18.064 ug/ml
13) T n-Docosane (C22)	14.068	3255704	18.415 ug/ml
14) T n-Tetracosane (C24)	15.170	3294383	19.234 ug/ml
15) T n-Hexacosane (C26)	16.190	3312951	20.052 ug/ml
16) T n-Octacosane (C28)	17.140	3347860	20.914 ug/ml
17) T n-Tricontane (C30)	18.027	3395691	21.933 ug/ml
18) T n-Dotriacontane (C32)	18.861	3316626	22.695 ug/ml
19) T n-Tetratriacontane (C34)	19.645	3017986	21.809 ug/ml
20) T n-Hexatriacontane (C36)	20.387	2783465	20.734 ug/ml
21) T n-Octatriacontane (C38)	21.114	2737335	20.583 ug/mlm
22) T n-Tetracontane (C40)	22.010	3110612	22.246 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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