

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090122AL\
 Data File : FE037377.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2022 11:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 02:18:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.640	3198621	18.928 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
12) S 1-chlorooctadecane (S...	13.061	2423989	18.835 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
Target Compounds			
1) T n-Nonane (C9)	3.039	3005601	19.644 ug/ml
2) T n-Decane (C10)	4.295	3047279	19.765 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2917630	20.251 ug/ml
4) T n-Dodecane (C12)	6.465	3131860	19.805 ug/ml
5) T A~2-methylnaphthalene...	7.106	2626056	18.809 ug/ml
6) T n-Tetradecane (C14)	9.882	3086023	19.476 ug/ml
7) T n-Hexadecane (C16)	9.882	3086023	19.476 ug/ml
8) T n-Octadecane (C18)	11.317	3063291	19.237 ug/ml
10) T n-Eicosane (C20)	12.618	3007183	19.006 ug/ml
11) T n-Heneicosane (C21)	13.228	2977276	18.881 ug/ml
13) T n-Docosane (C22)	13.810	2919629	18.755 ug/ml
14) T n-Tetracosane (C24)	14.907	2811303	18.692 ug/ml
15) T n-Hexacosane (C26)	15.922	2695728	18.616 ug/ml
16) T n-Octacosane (C28)	16.866	2618573	18.901 ug/ml
17) T n-Tricontane (C30)	17.748	2659517	19.551 ug/ml
18) T n-Dotriacontane (C32)	18.575	2679858	20.069 ug/ml
19) T n-Tetratriacontane (C34)	19.354	2587071	20.447 ug/ml
20) T n-Hexatriacontane (C36)	20.089	2634746	20.486 ug/mlm
21) T n-Octatriacontane (C38)	20.789	2523142	20.273 ug/ml
22) T n-Tetracontane (C40)	21.568	2573126	19.960 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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