

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110322AL\
 Data File : FE038531.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2022 12:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e
 Quant Time: Nov 04 05:30:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.961	3227775	18.758 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
12) S 1-chlorooctadecane (S...	13.395	2525597	18.448 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
Target Compounds			
1) T n-Nonane (C9)	3.362	3126879	20.303 ug/ml
2) T n-Decane (C10)	4.610	3159947	20.358 ug/ml
3) T A~Naphthalene (C11.7)	6.310	3352920	19.798 ug/ml
4) T n-Dodecane (C12)	6.771	3157314	20.211 ug/ml
5) T A~2-methylnaphthalene...	7.404	3267962	19.500 ug/ml
6) T n-Tetradecane (C14)	8.595	3124849	19.981 ug/ml
7) T n-Hexadecane (C16)	10.201	3110582	19.689 ug/ml
8) T n-Octadecane (C18)	11.642	3094392	19.318 ug/ml
10) T n-Eicosane (C20)	12.950	3035390	18.838 ug/ml
11) T n-Heneicosane (C21)	13.561	3005441	18.606 ug/ml
13) T n-Docosane (C22)	14.146	2983487	18.480 ug/ml
14) T n-Tetracosane (C24)	15.248	2903122	18.099 ug/ml
15) T n-Hexacosane (C26)	16.267	2852178	17.957 ug/ml
16) T n-Octacosane (C28)	17.214	2843899	18.127 ug/ml
17) T n-Tricontane (C30)	18.100	2988189	18.728 ug/mlm
18) T n-Dotriacontane (C32)	18.933	3075758	19.508 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2947463	19.993 ug/mlm
20) T n-Hexatriacontane (C36)	20.454	2944068	20.604 ug/ml
21) T n-Octatriacontane (C38)	21.194	3024667	22.394 ug/ml
22) T n-Tetracontane (C40)	22.117	3072992	24.344 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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