

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102822AL\
 Data File : FE038441.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2022 21:55
 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 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
 Quant Time: Oct 30 00:40:35 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)	11.968	3424697	19.903 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
12) S 1-chlorooctadecane (S...	13.401	2688740	19.640 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	3.368	3282734	21.315 ug/ml
2) T n-Decane (C10)	4.615	3303194	21.280 ug/ml
3) T A~Naphthalene (C11.7)	6.316	3536654	20.883 ug/ml
4) T n-Dodecane (C12)	6.776	3310250	21.190 ug/ml
5) T A~2-methylnaphthalene...	7.409	3452924	20.604 ug/ml
6) T n-Tetradecane (C14)	8.601	3288123	21.025 ug/ml
7) T n-Hexadecane (C16)	10.207	3283222	20.781 ug/ml
8) T n-Octadecane (C18)	11.647	3274528	20.443 ug/ml
10) T n-Eicosane (C20)	12.956	3226624	20.025 ug/ml
11) T n-Heneicosane (C21)	13.566	3198816	19.803 ug/ml
13) T n-Docosane (C22)	14.152	3159524	19.571 ug/ml
14) T n-Tetracosane (C24)	15.253	3077388	19.186 ug/ml
15) T n-Hexacosane (C26)	16.272	2991378	18.833 ug/ml
16) T n-Octacosane (C28)	17.221	2914145	18.574 ug/ml
17) T n-Tricontane (C30)	18.107	2942636	18.442 ug/mlm
18) T n-Dotriacontane (C32)	18.937	2960599	18.777 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2860949	19.406 ug/mlm
20) T n-Hexatriacontane (C36)	20.459	2874075	20.115 ug/ml
21) T n-Octatriacontane (C38)	21.200	2894573	21.431 ug/ml
22) T n-Tetracontane (C40)	22.127	2955610	23.415 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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