

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042723AL\
 Data File : FE041620.D
 Signal(s) : FID1B.ch
 Acq On : 28 Apr 2023 17:22
 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 05/01/2023
 Supervised By :Ankita Jodhani 05/01/2023

Integration File: autoint1.e
 Quant Time: Apr 28 18:15:31 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)	11.986	3665671	19.539 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
12) S 1-chlorooctadecane (S...	13.421	2755155	19.503 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
Target Compounds			
1) T n-Nonane (C9)	3.359	3024710	20.577 ug/ml
2) T n-Decane (C10)	4.612	3114311	20.765 ug/ml
3) T A~Naphthalene (C11.7)	6.321	3444748	20.816 ug/ml
4) T n-Dodecane (C12)	6.781	3155298	20.753 ug/ml
5) T A~2-methylnaphthalene...	7.419	3359013	20.831 ug/ml
6) T n-Tetradecane (C14)	8.611	3152908	20.756 ug/ml
7) T n-Hexadecane (C16)	10.220	3276845	20.534 ug/ml
8) T n-Octadecane (C18)	11.665	3299704	20.131 ug/ml
10) T n-Eicosane (C20)	12.976	3153045	19.603 ug/ml
11) T n-Heneicosane (C21)	13.589	3081209	19.334 ug/ml
13) T n-Docosane (C22)	14.176	3036799	19.060 ug/ml
14) T n-Tetracosane (C24)	15.280	3014537	18.698 ug/ml
15) T n-Hexacosane (C26)	16.302	2891835	18.292 ug/ml
16) T n-Octacosane (C28)	17.253	2781841	18.079 ug/ml
17) T n-Tricontane (C30)	18.140	2822242	18.530 ug/ml
18) T n-Dotriacontane (C32)	18.975	2780043	18.661 ug/ml
19) T n-Tetratriacontane (C34)	19.759	2772456	19.680 ug/ml
20) T n-Hexatriacontane (C36)	20.499	2655892	19.860 ug/mlm
21) T n-Octatriacontane (C38)	21.255	2810825	21.272 ug/ml
22) T n-Tetracontane (C40)	22.201	2875538	22.712 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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