

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061723AL\
 Data File : FE042688.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2023 08:57
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 19 02:32:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:24:28 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)	11.934	1041234	5.377 ug/ml
Spiked Amount 50.000		Recovery =	10.75%
12) S 1-chlorooctadecane (S...	13.372	770817	5.346 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
Target Compounds			
1) T n-Nonane (C9)	3.316	825568	5.283 ug/ml
2) T n-Decane (C10)	4.567	836055	5.240 ug/ml
3) T A~Naphthalene (C11.7)	6.276	866320	5.040 ug/ml
4) T n-Dodecane (C12)	6.735	847541	5.237 ug/ml
5) T A~2-methylnaphthalene...	7.374	820123	4.954 ug/ml
6) T n-Tetradecane (C14)	8.564	846266	5.250 ug/ml
7) T n-Hexadecane (C16)	10.172	894380	5.316 ug/ml
8) T n-Octadecane (C18)	11.615	919261	5.358 ug/ml
10) T n-Eicosane (C20)	12.925	894065	5.387 ug/ml
11) T n-Heneicosane (C21)	13.538	878917	5.395 ug/ml
13) T n-Docosane (C22)	14.124	870984	5.401 ug/ml
14) T n-Tetracosane (C24)	15.228	857000	5.425 ug/ml
15) T n-Hexacosane (C26)	16.250	818882	5.419 ug/ml
16) T n-Octacosane (C28)	17.199	777352	5.430 ug/ml
17) T n-Tricontane (C30)	18.087	771629	5.473 ug/ml
18) T n-Dotriacontane (C32)	18.919	749426	5.506 ug/ml
19) T n-Tetratriacontane (C34)	19.704	718875	5.437 ug/ml
20) T n-Hexatriacontane (C36)	20.442	699378	5.438 ug/ml
21) T n-Octatriacontane (C38)	21.189	689544	5.325 ug/ml
22) T n-Tetracontane (C40)	22.115	698237	5.356 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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