

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072022AL\
 Data File : FE036589.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jul 2022 09:53
 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 07/21/2022
 Supervised By :Ankita Jodhani 07/21/2022

Integration File: autoint1.e
 Quant Time: Jul 21 01:29:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.854	3927771	21.089 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
12) S 1-chlorooctadecane (S...	13.294	3147306	20.686 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T n-Nonane (C9)	3.240	3515437	22.804 ug/ml
2) T n-Decane (C10)	4.495	3553866	23.055 ug/ml
3) T A~Naphthalene (C11.7)	6.197	3946814	23.096 ug/ml
4) T n-Dodecane (C12)	6.664	3626254	23.089 ug/ml
5) T A~2-methylnaphthalene...	7.293	3953106	23.001 ug/ml
6) T n-Tetradecane (C14)	8.491	3709764	22.723 ug/ml
7) T n-Hexadecane (C16)	10.098	3678453	22.317 ug/ml
8) T n-Octadecane (C18)	11.540	3681909	21.665 ug/ml
10) T n-Eicosane (C20)	12.849	3579534	21.043 ug/ml
11) T n-Heneicosane (C21)	13.461	3548818	20.735 ug/ml
13) T n-Docosane (C22)	14.048	3495485	20.473 ug/ml
14) T n-Tetracosane (C24)	15.151	3380561	19.832 ug/ml
15) T n-Hexacosane (C26)	16.172	3248178	19.428 ug/ml
16) T n-Octacosane (C28)	17.121	3148697	19.279 ug/ml
17) T n-Tricontane (C30)	18.010	2956719	19.457 ug/ml
18) T n-Dotriacontane (C32)	18.843	2397748	19.936 ug/ml
19) T n-Tetratriacontane (C34)	19.626	1727032	20.739 ug/ml
20) T n-Hexatriacontane (C36)	20.366	1277899	21.764 ug/mlm
21) T n-Octatriacontane (C38)	21.092	1241831	24.768 ug/mlm
22) T n-Tetracontane (C40)	21.982	1138212	22.040 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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