

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072222AL\
 Data File : FE036658.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2022 18:26
 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 07/25/2022
 Supervised By :Ankita Jodhani 07/25/2022

Integration File: autoint1.e
 Quant Time: Jul 23 00:29:41 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)	11.847	3469203	18.627 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
12) S 1-chlorooctadecane (S...	13.287	2774215	18.234 ug/ml
Spiked Amount 50.000		Recovery =	36.47%
Target Compounds			
1) T n-Nonane (C9)	3.236	3131455	20.313 ug/ml
2) T n-Decane (C10)	4.491	3174566	20.594 ug/ml
3) T A~Naphthalene (C11.7)	6.192	3520704	20.603 ug/ml
4) T n-Dodecane (C12)	6.660	3240267	20.631 ug/ml
5) T A~2-methylnaphthalene...	7.288	3513098	20.441 ug/ml
6) T n-Tetradecane (C14)	8.486	3321541	20.345 ug/ml
7) T n-Hexadecane (C16)	10.092	3273155	19.858 ug/ml
8) T n-Octadecane (C18)	11.534	3275905	19.276 ug/ml
10) T n-Eicosane (C20)	12.844	3178214	18.684 ug/ml
11) T n-Heneicosane (C21)	13.455	3132186	18.301 ug/ml
13) T n-Docosane (C22)	14.043	3119121	18.269 ug/ml
14) T n-Tetracosane (C24)	15.146	3087943	18.115 ug/ml
15) T n-Hexacosane (C26)	16.165	3017698	18.050 ug/ml
16) T n-Octacosane (C28)	17.115	3019003	18.484 ug/ml
17) T n-Tricontane (C30)	18.005	2903456	19.107 ug/ml
18) T n-Dotriacontane (C32)	18.836	2391560	19.885 ug/ml
19) T n-Tetratriacontane (C34)	19.620	1679276	20.165 ug/ml
20) T n-Hexatriacontane (C36)	20.359	1245766	21.216 ug/ml
21) T n-Octatriacontane (C38)	21.083	1145280	22.843 ug/mlm
22) T n-Tetracontane (C40)	21.968	971810	18.818 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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