

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090122AL\
 Data File : FE037372.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2022 09:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 02:17:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.640	3526155	20.866 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
12) S 1-chlorooctadecane (S...	13.061	2642754	20.534 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
Target Compounds			
1) T n-Nonane (C9)	3.040	3319929	21.698 ug/ml
2) T n-Decane (C10)	4.296	3376108	21.898 ug/ml
3) T A~Naphthalene (C11.7)	6.012	3266954	22.676 ug/ml
4) T n-Dodecane (C12)	6.465	3469080	21.938 ug/ml
5) T A~2-methylnaphthalene...	7.106	3001773	21.501 ug/ml
6) T n-Tetradecane (C14)	9.883	3407021	21.502 ug/ml
7) T n-Hexadecane (C16)	9.883	3407021	21.502 ug/ml
8) T n-Octadecane (C18)	11.317	3383105	21.245 ug/ml
10) T n-Eicosane (C20)	12.618	3300212	20.858 ug/ml
11) T n-Heneicosane (C21)	13.226	3260863	20.679 ug/ml
13) T n-Docosane (C22)	13.810	3193368	20.514 ug/ml
14) T n-Tetracosane (C24)	14.907	3046983	20.259 ug/ml
15) T n-Hexacosane (C26)	15.922	2926569	20.211 ug/ml
16) T n-Octacosane (C28)	16.866	2834053	20.457 ug/ml
17) T n-Tricontane (C30)	17.749	2867184	21.077 ug/ml
18) T n-Dotriacontane (C32)	18.576	2887317	21.623 ug/ml
19) T n-Tetratriacontane (C34)	19.357	2775573	21.937 ug/ml
20) T n-Hexatriacontane (C36)	20.093	2811094	21.857 ug/mlm
21) T n-Octatriacontane (C38)	20.789	2715551	21.819 ug/ml
22) T n-Tetracontane (C40)	21.568	2729707	21.174 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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