

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091922AL\
 Data File : FE037660.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2022 17:35
 Operator : YP\AJ
 Sample : N4656-31MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SP-4MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2022

Supervised By :Ankita Jodhani 09/20/2022

Integration File: autoint1.e

Quant Time: Sep 20 04:23:16 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)	11.627	5426453	32.111 ug/ml
Spiked Amount 50.000		Recovery =	64.22%
12) S 1-chlorooctadecane (S...	13.049	4443423	34.526 ug/ml
Spiked Amount 50.000		Recovery =	69.05%
Target Compounds			
1) T n-Nonane (C9)	3.023	4194292	27.413 ug/ml
2) T n-Decane (C10)	4.280	4765651	30.910 ug/mlm
3) T A~Naphthalene (C11.7)	5.992	5098714	35.390 ug/ml
4) T n-Dodecane (C12)	6.451	5307574	33.564 ug/ml
5) T A~2-methylnaphthalene...	7.086	5180228	37.104 ug/ml
6) T n-Tetradecane (C14)	9.870	6047014	38.163 ug/ml
7) T n-Hexadecane (C16)	9.870	6047014	38.163 ug/ml
8) T n-Octadecane (C18)	11.305	6278280	39.426 ug/ml
10) T n-Eicosane (C20)	12.609	6042000	38.187 ug/ml
11) T n-Heneicosane (C21)	13.216	5944376	37.697 ug/ml
13) T n-Docosane (C22)	13.798	5865092	37.677 ug/ml
14) T n-Tetracosane (C24)	14.896	11225607	74.636 ug/ml
15) T n-Hexacosane (C26)	15.912	5507963	38.037 ug/ml
16) T n-Octacosane (C28)	16.855	5796617	41.841 ug/ml
17) T n-Tricontane (C30)	17.740	5334949	39.218 ug/ml
18) T n-Dotriacontane (C32)	18.566	5494566	41.148 ug/ml
19) T n-Tetratriacontane (C34)	19.347	5393400	42.626 ug/ml
20) T n-Hexatriacontane (C36)	20.080	5265182	40.938 ug/mlm
21) T n-Octatriacontane (C38)	20.776	5369159	43.140 ug/mlm
22) T n-Tetracontane (C40)	21.556	5639623	43.747 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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