

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013125AL\
 Data File : FD049033.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2025 20:58
 Operator : YP/AJ
 Sample : Q1236-07MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

5MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/03/2025

Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e

Quant Time: Feb 03 06:08:05 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M

Quant Title : GC Extractables

QLast Update : Sat Jan 25 05:57:24 2025

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)	11.241	4610588	23.877 ug/ml
Spiked Amount 50.000		Recovery =	47.75%
12) S 1-chlorooctadecane (S...	12.683	3389501	23.092 ug/ml
Spiked Amount 50.000		Recovery =	46.18%
Target Compounds			
1) T n-Nonane (C9)	3.123	6273032	39.225 ug/ml
2) T n-Decane (C10)	4.159	6465078	39.650 ug/ml
3) T A~Naphthalene (C11.7)	5.700	7443029	43.554 ug/ml
4) T n-Dodecane (C12)	6.145	6559321	39.605 ug/ml
5) T A~2-methylnaphthalene...	6.745	7265503	45.072 ug/ml
6) T n-Tetradecane (C14)	7.925	6678923	40.400 ug/ml
7) T n-Hexadecane (C16)	9.513	6613477	38.356 ug/ml
8) T n-Octadecane (C18)	10.947	6632137	37.614 ug/ml
10) T n-Eicosane (C20)	12.248	6841535	39.752 ug/ml
11) T n-Heneicosane (C21)	12.855	6647792	39.040 ug/ml
13) T n-Docosane (C22)	13.438	6443909	37.895 ug/ml
14) T n-Tetracosane (C24)	14.481	13189877	77.421 ug/mlm
15) T n-Hexacosane (C26)	15.552	6177583	36.882 ug/ml
16) T n-Octacosane (C28)	16.496	6145854	36.945 ug/ml
17) T n-Tricontane (C30)	17.381	6044883	35.216 ug/ml
18) T n-Dotriacontane (C32)	18.207	5981370	36.588 ug/ml
19) T n-Tetratriacontane (C34)	18.986	6000959	43.074 ug/ml
20) T n-Hexatriacontane (C36)	19.722	5499910	47.830 ug/ml
21) T n-Octatriacontane (C38)	20.420	5683065	54.845 ug/ml
22) T n-Tetracontane (C40)	21.196	5235360	54.627 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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