

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022425AL\
 Data File : FE052474.D
 Signal(s) : FID1B.ch
 Acq On : 24 Feb 2025 18:50
 Operator : YP\AJ
 Sample : Q1411-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HR-03-02212025MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/25/2025

Supervised By :Ankita Jodhani 02/25/2025

Integration File: autoint1.e

Quant Time: Feb 25 00:29:55 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 14 00:50:00 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)	11.919	4827671	25.826 ug/ml
Spiked Amount 50.000		Recovery =	51.65%
12) S 1-chlorooctadecane (S...	13.364	3908461	28.119 ug/mlm
Spiked Amount 50.000		Recovery =	56.24%
Target Compounds			
1) T n-Nonane (C9)	3.259	4462087	29.069 ug/ml
2) T n-Decane (C10)	4.521	4946769	31.672 ug/ml
3) T A~Naphthalene (C11.7)	6.233	5988550	34.662 ug/ml
4) T n-Dodecane (C12)	6.701	5355368	33.929 ug/ml
5) T A~2-methylnaphthalene...	7.336	5862410	34.906 ug/ml
6) T n-Tetradecane (C14)	8.540	6052434	38.425 ug/ml
7) T n-Hexadecane (C16)	10.154	6301121	38.553 ug/ml
8) T n-Octadecane (C18)	11.604	6292619	38.031 ug/ml
10) T n-Eicosane (C20)	12.919	6394289	40.109 ug/ml
11) T n-Heneicosane (C21)	13.533	6045831	38.589 ug/ml
13) T n-Docosane (C22)	14.121	6018382	38.457 ug/ml
14) T n-Tetracosane (C24)	15.215	12229903	77.764 ug/ml
15) T n-Hexacosane (C26)	16.255	5829745	37.638 ug/ml
16) T n-Octacosane (C28)	17.206	5958696	38.955 ug/ml
17) T n-Tricontane (C30)	18.099	6139600	39.332 ug/ml
18) T n-Dotriacontane (C32)	18.933	5675704	37.091 ug/ml
19) T n-Tetratriacontane (C34)	19.720	5796103	40.742 ug/ml
20) T n-Hexatriacontane (C36)	20.462	5491842	44.063 ug/ml
21) T n-Octatriacontane (C38)	21.207	5392024	49.331 ug/ml
22) T n-Tetracontane (C40)	22.136	6311563	62.746 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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