

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052325AL\
 Data File : FE054008.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2025 19:20
 Operator : YP\AJ
 Sample : Q2113-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HD-02-05222025MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/27/2025

Supervised By :mohammad ahmed 05/29/2025

Integration File: autoint1.e

Quant Time: May 23 23:01:21 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M

Quant Title : GC Extractables

QLast Update : Wed May 14 12:15:41 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)	11.850	6195793	38.125 ug/ml
Spiked Amount 50.000		Recovery =	76.25%
12) S 1-chlorooctadecane (S...	13.295	5138505	43.345 ug/ml
Spiked Amount 50.000		Recovery =	86.69%
Target Compounds			
1) T n-Nonane (C9)	3.191	2430543	17.984 ug/ml
2) T n-Decane (C10)	4.455	2721761	20.142 ug/mlm
3) T A~Naphthalene (C11.7)	6.170	3203989	22.294 ug/ml
4) T n-Dodecane (C12)	6.638	3110001	22.800 ug/ml
5) T A~2-methylnaphthalene...	7.273	3218554	23.204 ug/ml
6) T n-Tetradecane (C14)	8.475	3750611	27.793 ug/ml
7) T n-Hexadecane (C16)	10.086	3964409	29.380 ug/ml
8) T n-Octadecane (C18)	11.535	3952090	29.349 ug/ml
10) T n-Eicosane (C20)	12.848	3966565	30.180 ug/ml
11) T n-Heneicosane (C21)	13.462	3817309	29.445 ug/ml
13) T n-Docosane (C22)	14.050	3725208	29.200 ug/ml
14) T n-Tetracosane (C24)	15.149	7209140	57.619 ug/mlm
15) T n-Hexacosane (C26)	16.181	3516826	28.720 ug/mlm
16) T n-Octacosane (C28)	17.133	3602532	29.635 ug/ml
17) T n-Tricontane (C30)	18.024	3745753	30.071 ug/ml
18) T n-Dotriacontane (C32)	18.858	3626916	29.003 ug/ml
19) T n-Tetratriacontane (C34)	19.645	3698302	31.047 ug/ml
20) T n-Hexatriacontane (C36)	20.388	3787948	32.715 ug/ml
21) T n-Octatriacontane (C38)	21.121	4316874	39.668 ug/mlm
22) T n-Tetracontane (C40)	22.023	3718586	37.474 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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