

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
 Data File : FE054156.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2025 17:26
 Operator : YP\AJ
 Sample : Q2147-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

3MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/04/2025

Supervised By :mohammad ahmed 06/05/2025

Integration File: autoint1.e

Quant Time: Jun 04 02:53:05 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)	11.839	5003569	30.789 ug/ml
Spiked Amount 50.000		Recovery =	61.58%
12) S 1-chlorooctadecane (S...	13.283	4282711	36.126 ug/ml
Spiked Amount 50.000		Recovery =	72.25%
Target Compounds			
1) T n-Nonane (C9)	3.201	4659742	34.478 ug/ml
2) T n-Decane (C10)	4.456	4788798	35.438 ug/ml
3) T A~Naphthalene (C11.7)	6.165	5708442	39.721 ug/ml
4) T n-Dodecane (C12)	6.631	5005678	36.697 ug/ml
5) T A~2-methylnaphthalene...	7.266	5136200	37.029 ug/ml
6) T n-Tetradecane (C14)	8.466	5044700	37.382 ug/ml
7) T n-Hexadecane (C16)	10.077	5158064	38.227 ug/ml
8) T n-Octadecane (C18)	11.525	5067333	37.631 ug/ml
10) T n-Eicosane (C20)	12.839	5289294	40.245 ug/ml
11) T n-Heneicosane (C21)	13.450	5080100	39.185 ug/mlm
13) T n-Docosane (C22)	14.039	5110367	40.057 ug/ml
14) T n-Tetracosane (C24)	15.140	11347982	90.699 ug/ml
15) T n-Hexacosane (C26)	16.169	4885255	39.895 ug/ml
16) T n-Octacosane (C28)	17.120	4942213	40.655 ug/ml
17) T n-Tricontane (C30)	18.011	4983682	40.009 ug/ml
18) T n-Dotriacontane (C32)	18.844	4969014	39.735 ug/ml
19) T n-Tetratriacontane (C34)	19.629	4937215	41.447 ug/ml
20) T n-Hexatriacontane (C36)	20.372	5164755	44.605 ug/ml
21) T n-Octatriacontane (C38)	21.100	5354378	49.201 ug/ml
22) T n-Tetracontane (C40)	21.994	5258170	52.989 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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