

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054393.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 20:53
 Operator : YP\AJ
 Sample : Q2310-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-7MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/16/2025

Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e

Quant Time: Jun 14 00:04:46 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 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)	11.824	5231513	31.661 ug/ml
Spiked Amount 50.000		Recovery =	63.32%
12) S 1-chlorooctadecane (S...	13.267	4298913	35.252 ug/mlm
Spiked Amount 50.000		Recovery =	70.50%
Target Compounds			
1) T n-Nonane (C9)	3.174	3072742	24.744 ug/ml
2) T n-Decane (C10)	4.437	3328157	26.785 ug/ml
3) T A~Naphthalene (C11.7)	6.150	4394171	32.515 ug/ml
4) T n-Dodecane (C12)	6.618	3701557	29.070 ug/ml
5) T A~2-methylnaphthalene...	7.252	4164443	31.441 ug/ml
6) T n-Tetradecane (C14)	8.453	4072168	31.454 ug/ml
7) T n-Hexadecane (C16)	10.063	4517944	34.011 ug/ml
8) T n-Octadecane (C18)	11.510	4794293	35.505 ug/ml
10) T n-Eicosane (C20)	12.823	5057188	37.803 ug/ml
11) T n-Heneicosane (C21)	13.435	4846472	36.448 ug/ml
13) T n-Docosane (C22)	14.022	4819228	36.754 ug/ml
14) T n-Tetracosane (C24)	15.122	10423560	80.807 ug/ml
15) T n-Hexacosane (C26)	16.151	4663333	37.150 ug/ml
16) T n-Octacosane (C28)	17.101	4806438	39.194 ug/mlm
17) T n-Tricontane (C30)	17.992	4599644	37.111 ug/mlm
18) T n-Dotriacontane (C32)	18.823	4743490	37.753 ug/mlm
19) T n-Tetratriacontane (C34)	19.607	4773054	38.367 ug/mlm
20) T n-Hexatriacontane (C36)	20.350	4833894	37.550 ug/mlm
21) T n-Octatriacontane (C38)	21.074	4923650	37.289 ug/mlm
22) T n-Tetracontane (C40)	21.962	4823693	35.809 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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