Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081925AL\
Data File : FE055381.D
Signal(s) : FID1B.ch
Acq On : 19 Aug 2025 14:01
Operator : YP\AJ
Sample : PB169296BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :

Integration File: sample.E
Quant Time: Aug 20 01:18:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 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)	12.081	6033702	42.252 ug/ml
Spiked Amount	50.000		Recovery =	84.50%
12)	S 1-chlorooctadecane (S...	13.517	4772347	44.384 ug/ml
Spiked Amount	50.000		Recovery =	88.77%
	Target Compounds			
1)	T n-Nonane (C9)	3.422	4107382	35.788 ug/ml
2)	T n-Decane (C10)	4.678	4359750	37.424 ug/ml
3)	T A~Naphthalene (C11.7)	6.396	5452114	40.618 ug/ml
4)	T n-Dodecane (C12)	6.852	4722042	39.654 ug/ml
5)	T A~2-methylnaphthalene...	7.496	5166428	39.625 ug/ml
6)	T n-Tetradecane (C14)	8.690	4973247	40.562 ug/ml
7)	T n-Hexadecane (C16)	10.305	5229357	40.904 ug/ml
8)	T n-Octadecane (C18)	11.755	5309538	40.694 ug/ml
10)	T n-Eicosane (C20)	13.070	5467936	43.579 ug/ml
11)	T n-Heneicosane (C21)	13.683	5282703	42.856 ug/ml
13)	T n-Docosane (C22)	14.272	5223964	42.777 ug/ml
14)	T n-Tetracosane (C24)	15.378	10833381	89.066 ug/ml
15)	T n-Hexacosane (C26)	16.404	5097247	42.603 ug/ml
16)	T n-Octacosane (C28)	17.355	5053298	42.599 ug/ml
17)	T n-Tricontane (C30)	18.246	5155514	41.898 ug/ml
18)	T n-Dotriacontane (C32)	19.079	5208845	42.692 ug/ml
19)	T n-Tetratriacontane (C34)	19.864	5542980	47.409 ug/ml
20)	T n-Hexatriacontane (C36)	20.607	5504331	50.360 ug/ml
21)	T n-Octatriacontane (C38)	21.386	5748119	53.188 ug/ml
22)	T n-Tetracontane (C40)	22.375	5640768	53.940 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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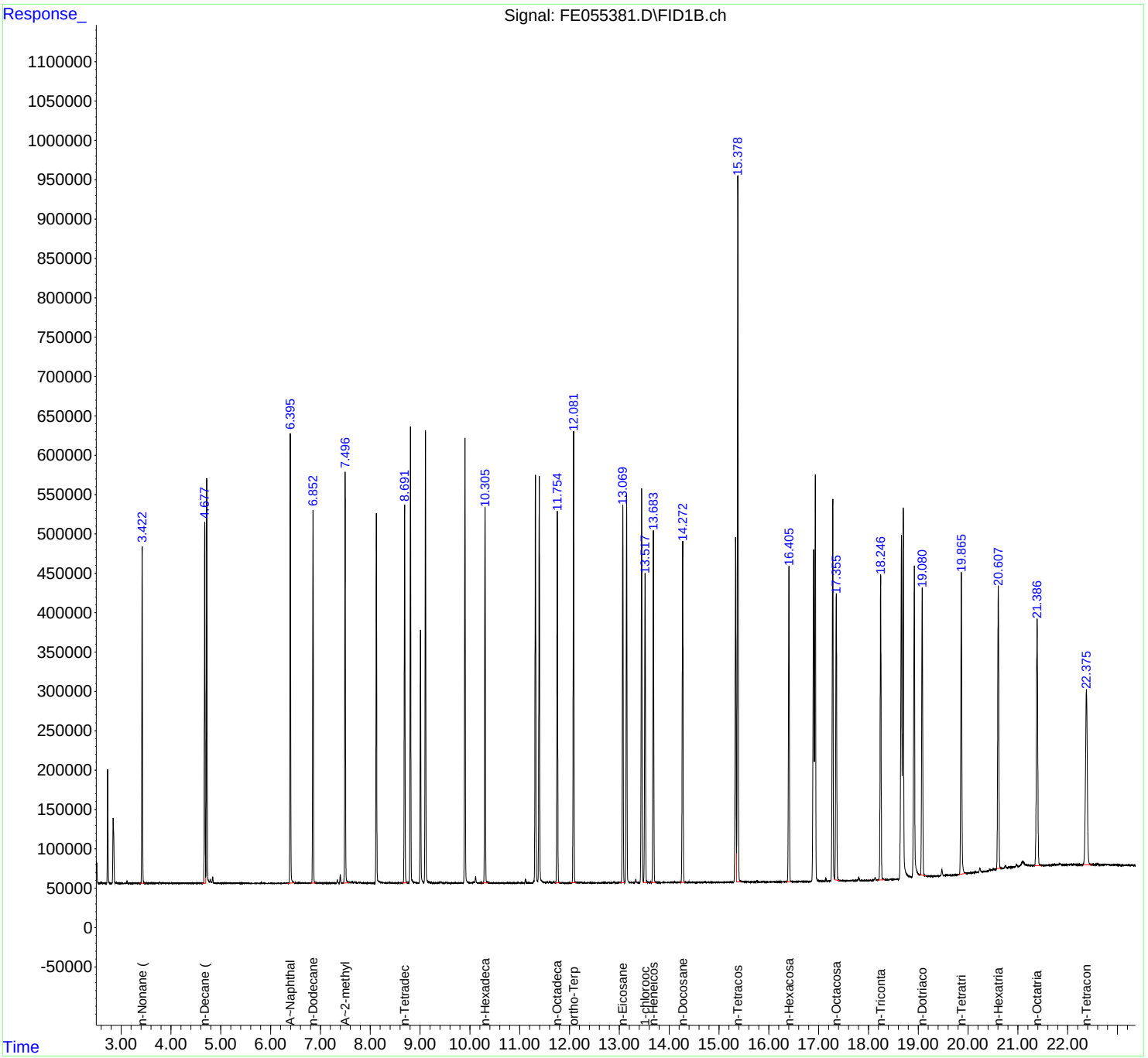
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