Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072223AL\
Data File : FC064227.D
Signal(s) : FID1A.ch
Acq On : 22 Jul 2023 16:48
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 24 05:12:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
Quant Title : GC Extractables
QLast Update : Sun Jun 25 04:03:48 2023
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)	11.515	3885824	20.013 ug/ml
Spiked Amount	50.000		Recovery =	40.03%
12)	S 1-chlorooctadecane (S...	12.951	2783718	20.008 ug/ml
Spiked Amount	50.000		Recovery =	40.02%
	Target Compounds			
1)	T n-Nonane (C9)	3.304	3424675	19.202 ug/ml
2)	T n-Decane (C10)	4.364	3504545	19.367 ug/ml
3)	T A~Naphthalene (C11.7)	5.944	3563827	19.106 ug/ml
4)	T n-Dodecane (C12)	6.377	3505596	19.460 ug/ml
5)	T A~2-methylnaphthalene...	6.998	3402871	19.336 ug/ml
6)	T n-Tetradecane (C14)	8.167	3421011	19.776 ug/ml
7)	T n-Hexadecane (C16)	9.764	3477966	20.022 ug/ml
8)	T n-Octadecane (C18)	11.202	3492555	20.265 ug/ml
10)	T n-Eicosane (C20)	12.506	3283163	20.112 ug/ml
11)	T n-Heneicosane (C21)	13.118	3198108	19.960 ug/ml
13)	T n-Docosane (C22)	13.701	3168965	20.167 ug/ml
14)	T n-Tetracosane (C24)	14.800	3125879	19.831 ug/ml
15)	T n-Hexacosane (C26)	15.818	3083328	20.408 ug/ml
16)	T n-Octacosane (C28)	16.765	3100256	20.575 ug/ml
17)	T n-Tricontane (C30)	17.649	3333193	21.349 ug/ml
18)	T n-Dotriacontane (C32)	18.480	3395183	21.492 ug/ml
19)	T n-Tetratriacontane (C34)	19.259	3249224	21.115 ug/ml
20)	T n-Hexatriacontane (C36)	19.997	3078593	20.852 ug/ml
21)	T n-Octatriacontane (C38)	20.718	3001798	20.265 ug/ml
22)	T n-Tetracontane (C40)	21.605	2916695	20.011 ug/ml

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

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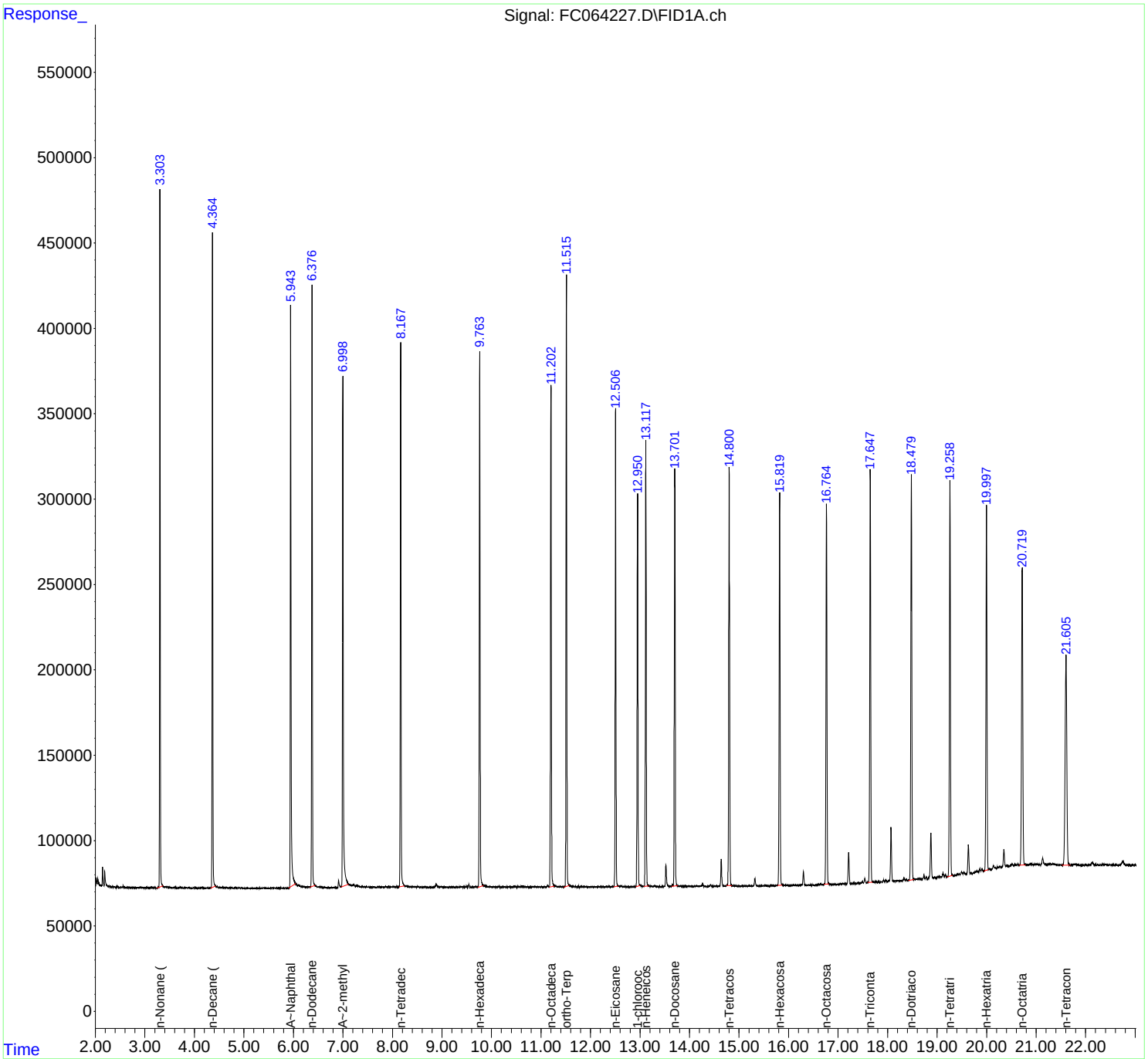
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