Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053023AL\
Data File : FE042297.D
Signal(s) : FID1B.ch
Acq On : 31 May 2023 00:34
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File signal 1: autoint1.e
Integration File signal 2: events2.e
Integration File signal 3: events3.e
Quant Time: May 31 01:54:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
Quant Title : GC Extractables
QLast Update : Thu May 18 06:27:12 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)	11.954	3429915	19.424 ug/ml
Spiked Amount	50.000		Recovery =	38.85%
12)	S 1-chlorooctadecane (S...	13.390	2513906	18.919 ug/ml
Spiked Amount	50.000		Recovery =	37.84%
	Target Compounds			
1)	T n-Nonane (C9)	3.338	2850212	19.766 ug/ml
2)	T n-Decane (C10)	4.589	2937898	19.846 ug/ml
3)	T A~Naphthalene (C11.7)	6.295	3211293	19.682 ug/ml
4)	T n-Dodecane (C12)	6.756	2977355	19.855 ug/ml
5)	T A~2-methylnaphthalene...	7.392	3085841	19.444 ug/ml
6)	T n-Tetradecane (C14)	8.585	2946909	19.671 ug/ml
7)	T n-Hexadecane (C16)	10.192	3048140	19.568 ug/ml
8)	T n-Octadecane (C18)	11.635	3069728	19.412 ug/ml
10)	T n-Eicosane (C20)	12.944	2928952	19.322 ug/ml
11)	T n-Heneicosane (C21)	13.556	2854033	19.264 ug/ml
13)	T n-Docosane (C22)	14.143	2819575	19.233 ug/ml
14)	T n-Tetracosane (C24)	15.246	2757257	19.100 ug/ml
15)	T n-Hexacosane (C26)	16.266	2686959	19.401 ug/ml
16)	T n-Octacosane (C28)	17.217	2647815	19.777 ug/ml
17)	T n-Tricontane (C30)	18.103	2796713	20.718 ug/ml
18)	T n-Dotriacontane (C32)	18.936	2786191	20.856 ug/ml
19)	T n-Tetratriacontane (C34)	19.719	2628650	19.988 ug/ml
20)	T n-Hexatriacontane (C36)	20.459	2500382	19.238 ug/ml
21)	T n-Octatriacontane (C38)	21.207	2485600	18.321 ug/ml
22)	T n-Tetracontane (C40)	22.138	2511310	18.052 ug/ml

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

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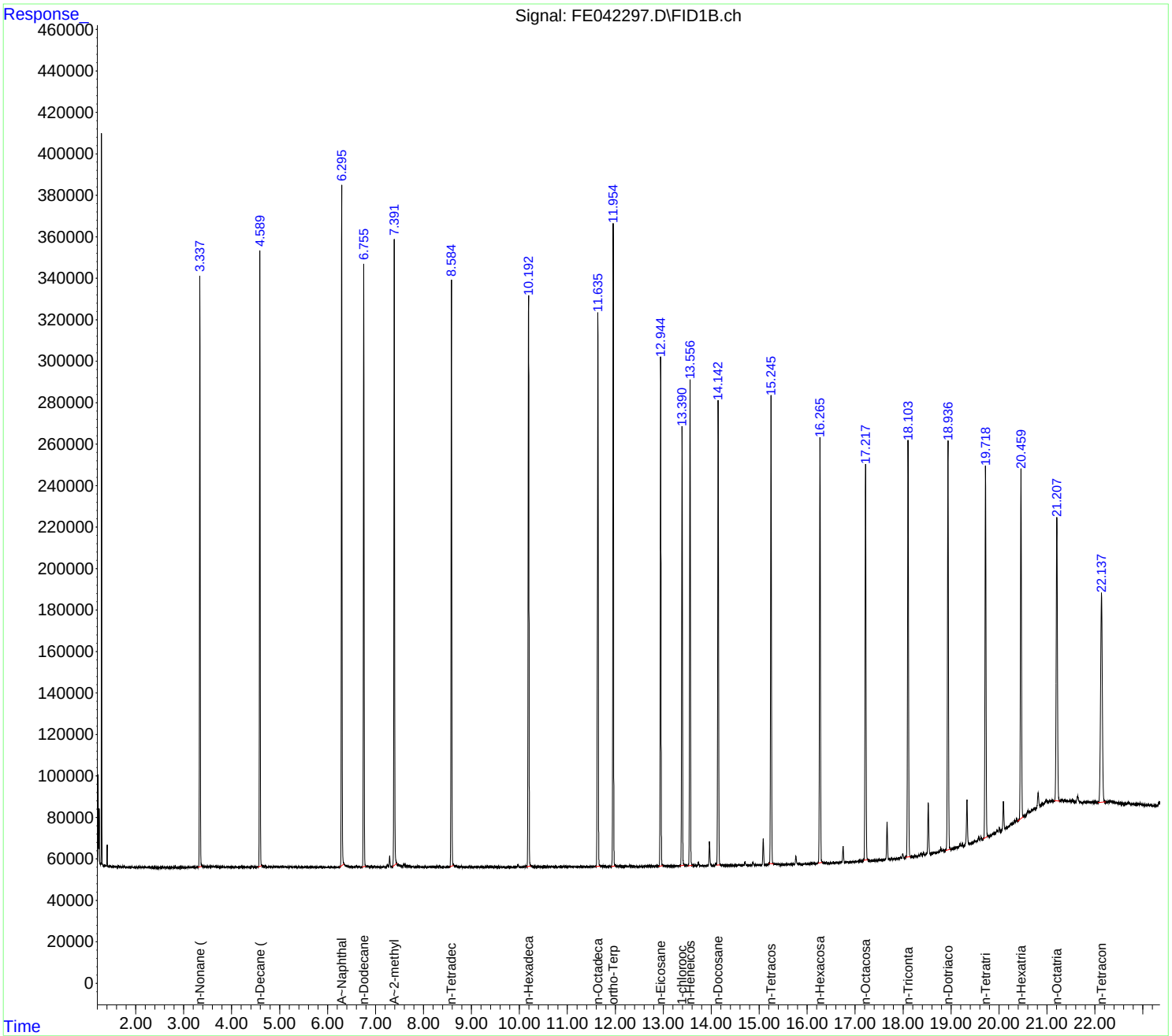
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