

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030222AL\
 Data File : FC058548.D
 Signal(s) : FID1A.CH
 Acq On : 03 Mar 2022 2:27
 Operator : UA/NP
 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: Mar 03 02:51:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.391	2886271	19.816 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	12.825	2245669	19.812 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
Target Compounds			
1) T n-Nonane (C9)	3.246	2472279	20.559 ug/ml
2) T n-Decane (C10)	4.296	2470042	20.757 ug/ml
3) T A~Naphthalene (C11.7)	5.855	2680075	20.650 ug/ml
4) T n-Dodecane (C12)	6.291	2560560	20.815 ug/ml
5) T A~2-methylnaphthalene...	6.900	2712026	20.802 ug/ml
6) T n-Tetradecane (C14)	8.068	2599313	20.744 ug/ml
7) T n-Hexadecane (C16)	9.655	2648640	20.567 ug/ml
8) T n-Octadecane (C18)	11.086	2664404	20.247 ug/ml
10) T n-Eicosane (C20)	12.386	2631260	20.010 ug/ml
11) T n-Heneicosane (C21)	12.994	2630566	19.905 ug/ml
13) T n-Docosane (C22)	13.576	2638031	20.235 ug/ml
14) T n-Tetracosane (C24)	14.673	2651534	20.533 ug/ml
15) T n-Hexacosane (C26)	15.688	2593703	20.968 ug/ml
16) T n-Octacosane (C28)	16.632	2585390	21.720 ug/ml
17) T n-Tricontane (C30)	17.515	2602718	23.122 ug/ml
18) T n-Dotriacontane (C32)	18.344	2478346	23.048 ug/ml
19) T n-Tetratriacontane (C34)	19.123	2213410	22.844 ug/ml
20) T n-Hexatriacontane (C36)	19.861	2009451	22.274 ug/ml
21) T n-Octatriacontane (C38)	20.566	1915792	22.015 ug/ml
22) T n-Tetracontane (C40)	21.392	1892548	22.553 ug/ml

(f)=RT Delta > 1/2 Window

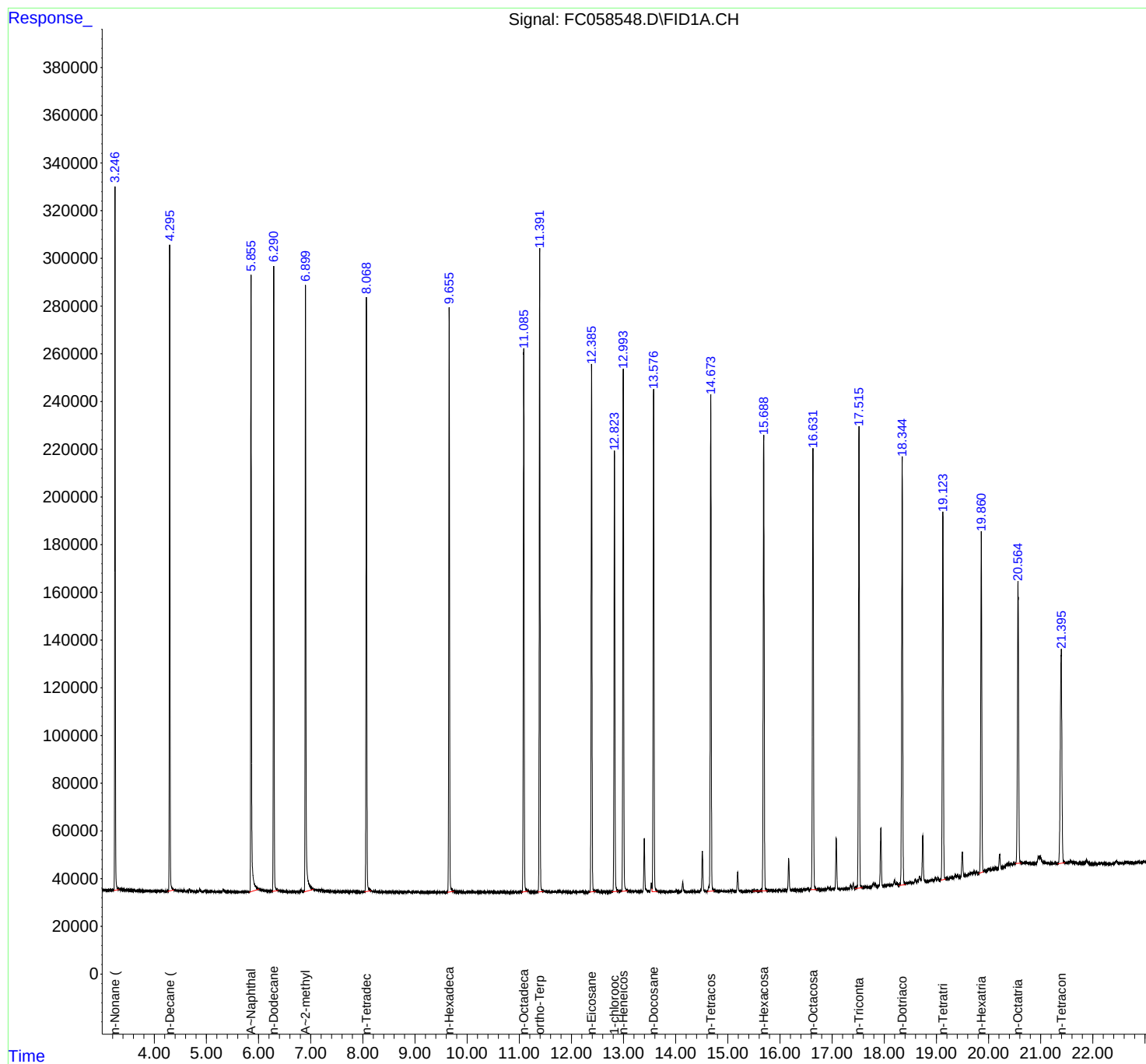
(m)=manual int.

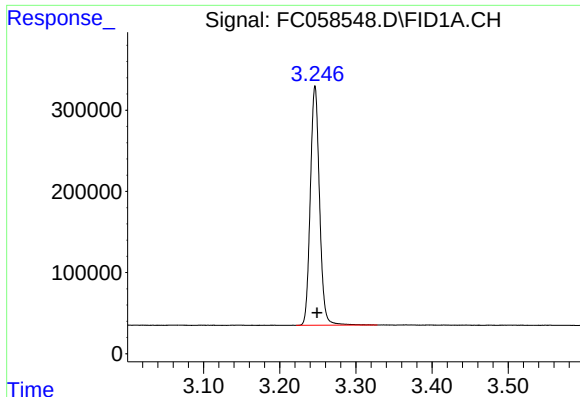
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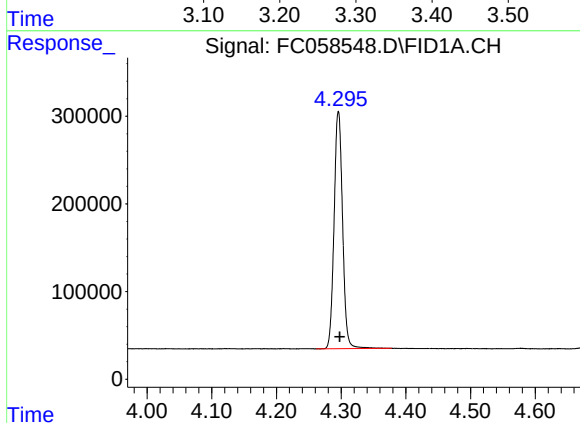




#1 n-Nonane (C9)

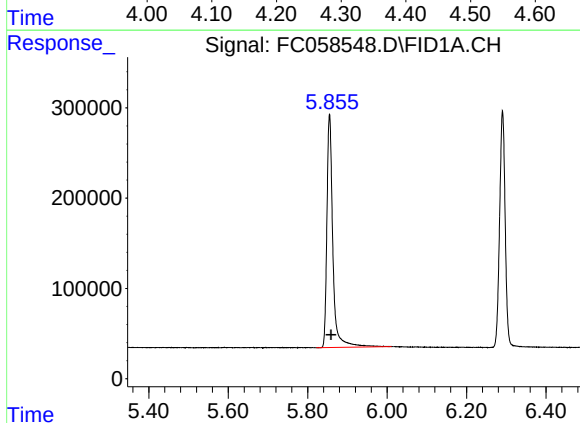
R.T.: 3.246 min
Delta R.T.: -0.003 min
Response: 2472279
Conc: 20.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



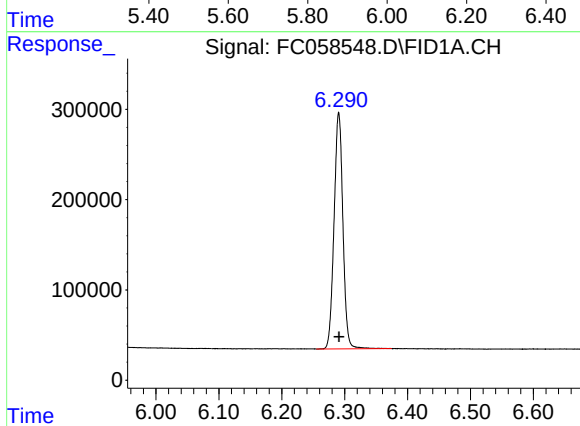
#2 n-Decane (C10)

R.T.: 4.296 min
Delta R.T.: -0.002 min
Response: 2470042
Conc: 20.76 ug/ml



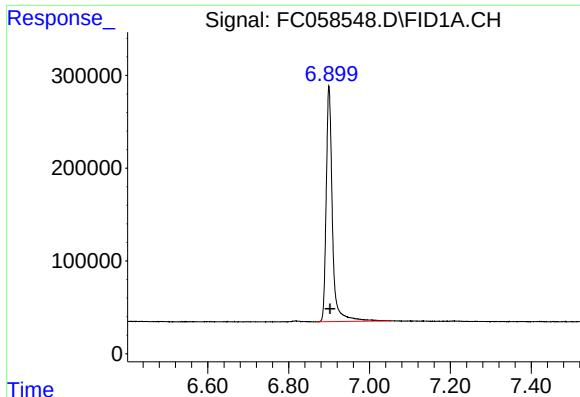
#3 A~Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 2680075
Conc: 20.65 ug/ml



#4 n-Dodecane (C12)

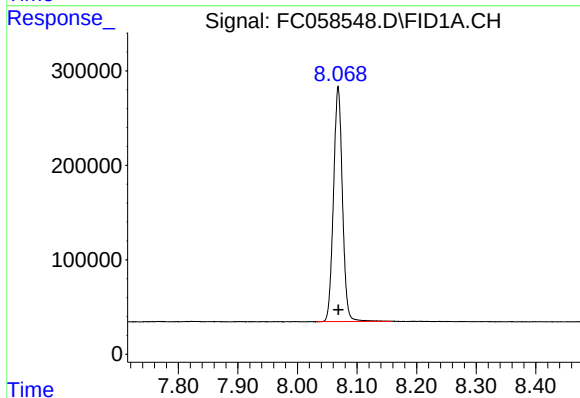
R.T.: 6.291 min
Delta R.T.: 0.000 min
Response: 2560560
Conc: 20.81 ug/ml



#5 A~2-methylnaphthalene (C12.89)

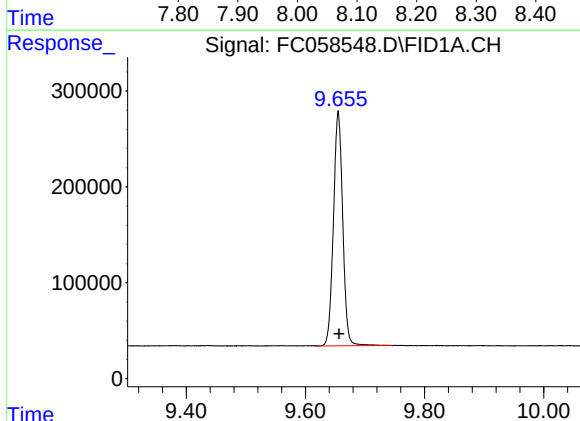
R.T.: 6.900 min
Delta R.T.: -0.003 min
Response: 2712026
Conc: 20.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



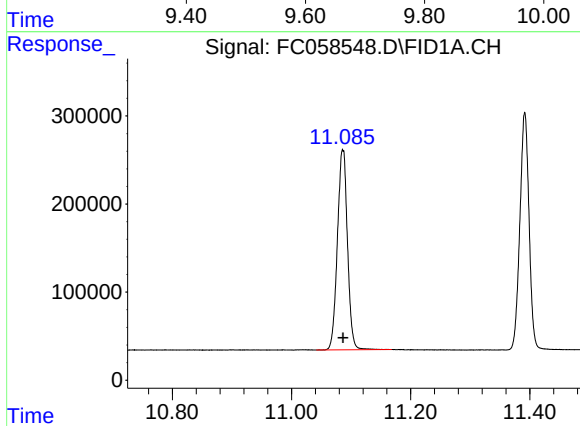
#6 n-Tetradecane (C14)

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 2599313
Conc: 20.74 ug/ml



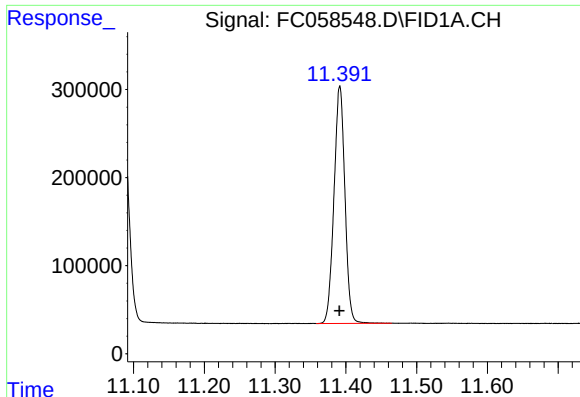
#7 n-Hexadecane (C16)

R.T.: 9.655 min
Delta R.T.: -0.001 min
Response: 2648640
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

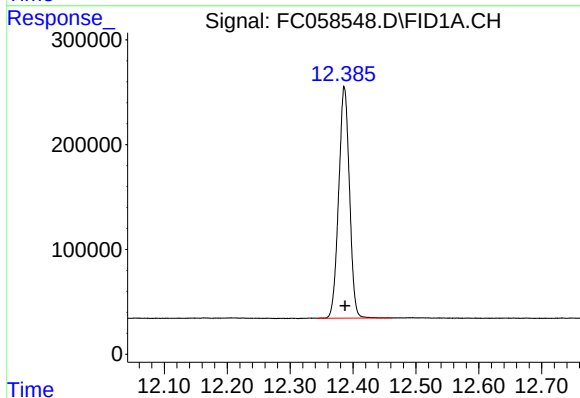
R.T.: 11.086 min
Delta R.T.: 0.000 min
Response: 2664404
Conc: 20.25 ug/ml



#9 ortho-Terphenyl (SURR)

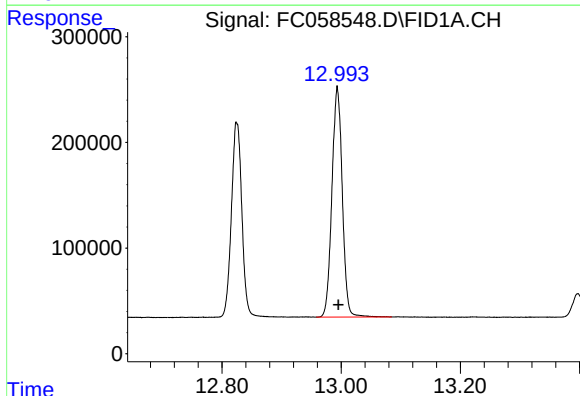
R.T.: 11.391 min
Delta R.T.: 0.000 min
Response: 2886271
Conc: 19.82 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



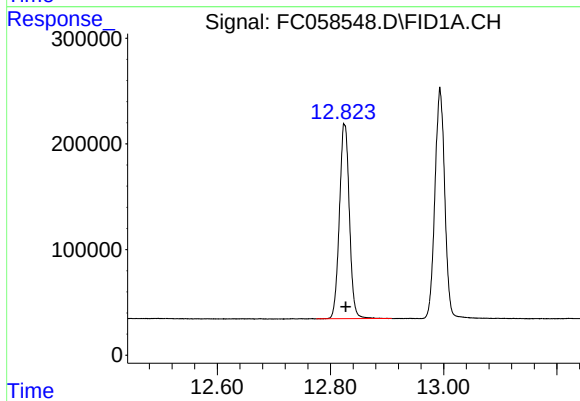
#10 n-Eicosane (C20)

R.T.: 12.386 min
Delta R.T.: -0.001 min
Response: 2631260
Conc: 20.01 ug/ml



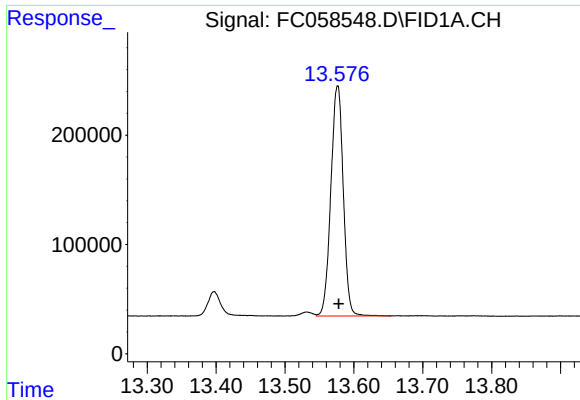
#11 n-Heneicosane (C21)

R.T.: 12.994 min
Delta R.T.: -0.002 min
Response: 2630566
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

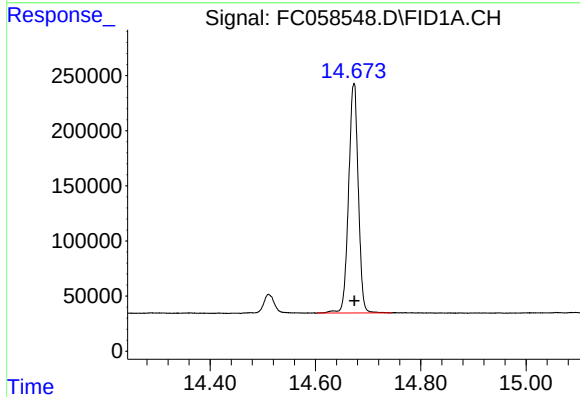
R.T.: 12.825 min
Delta R.T.: -0.002 min
Response: 2245669
Conc: 19.81 ug/ml



#13 n-Docosane (C22)

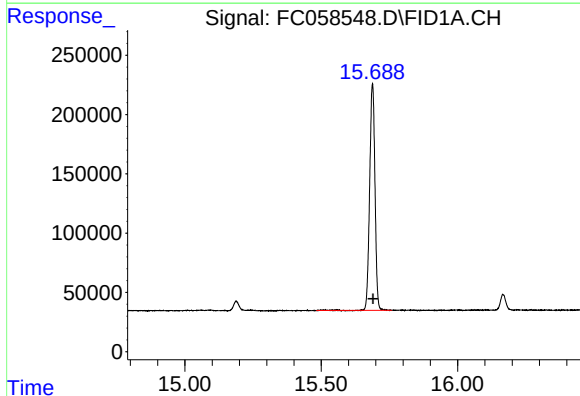
R.T.: 13.576 min
Delta R.T.: -0.002 min
Response: 2638031
Conc: 20.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



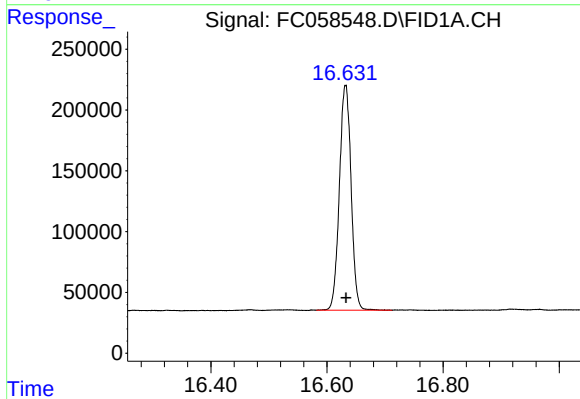
#14 n-Tetracosane (C24)

R.T.: 14.673 min
Delta R.T.: 0.000 min
Response: 2651534
Conc: 20.53 ug/ml



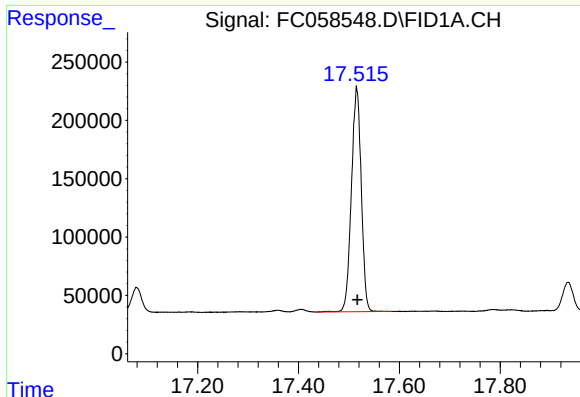
#15 n-Hexacosane (C26)

R.T.: 15.688 min
Delta R.T.: -0.002 min
Response: 2593703
Conc: 20.97 ug/ml



#16 n-Octacosane (C28)

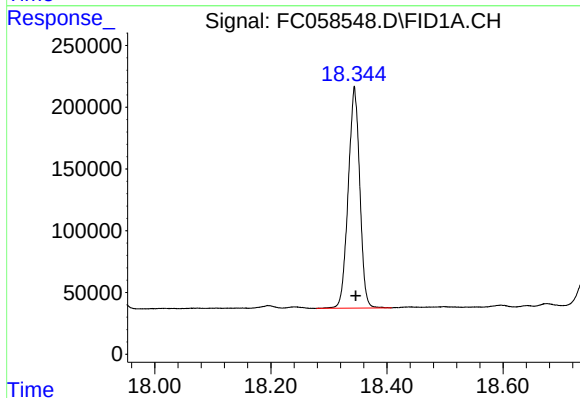
R.T.: 16.632 min
Delta R.T.: -0.001 min
Response: 2585390
Conc: 21.72 ug/ml



#17 n-Tricontane (C30)

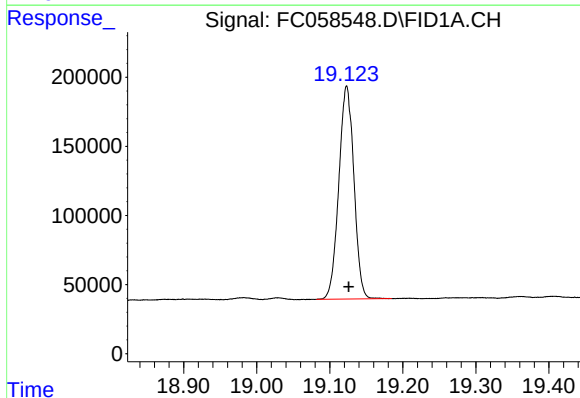
R.T.: 17.515 min
Delta R.T.: -0.002 min
Response: 2602718
Conc: 23.12 ug/ml

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20 PPM ALIPHATIC HC STD



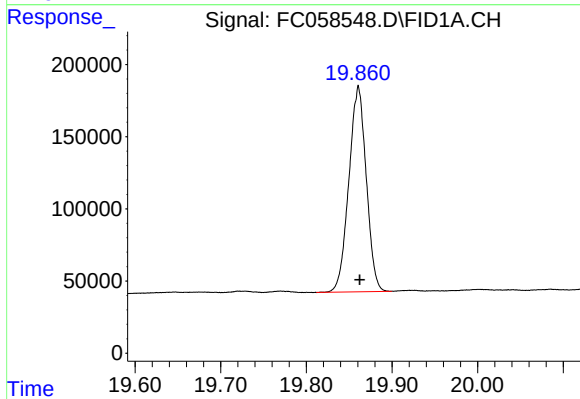
#18 n-Dotriacontane (C32)

R.T.: 18.344 min
Delta R.T.: -0.002 min
Response: 2478346
Conc: 23.05 ug/ml



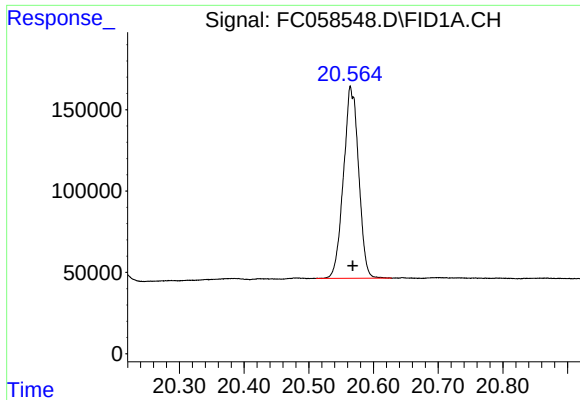
#19 n-Tetratriacontane (C34)

R.T.: 19.123 min
Delta R.T.: -0.003 min
Response: 2213410
Conc: 22.84 ug/ml



#20 n-Hexatriacontane (C36)

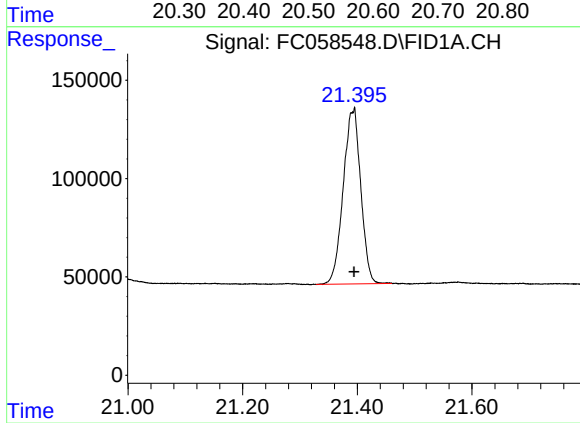
R.T.: 19.861 min
Delta R.T.: -0.002 min
Response: 2009451
Conc: 22.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.566 min
Delta R.T.: -0.002 min
Response: 1915792
Conc: 22.01 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.392 min
Delta R.T.: -0.002 min
Response: 1892548
Conc: 22.55 ug/ml