

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011022AL\
 Data File : FC057822.D
 Signal(s) : FID1A.CH
 Acq On : 11 Jan 2022 11:43
 Operator : AJ\MA
 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: Jan 11 12:08:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.704	3811447	19.711 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
12) S 1-chlorooctadecane (S...	12.142	2885711	19.579 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
Target Compounds			
1) T n-Nonane (C9)	2.634	3289229	20.569 ug/ml
2) T n-Decane (C10)	3.624	3373704	20.990 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3826380	21.073 ug/ml
4) T n-Dodecane (C12)	5.595	3405695	21.117 ug/ml
5) T A~2-methylnaphthalene...	6.201	3854145	21.076 ug/ml
6) T n-Tetradecane (C14)	7.375	3500729	21.205 ug/ml
7) T n-Hexadecane (C16)	8.967	3507504	20.998 ug/ml
8) T n-Octadecane (C18)	10.401	3541489	20.580 ug/ml
10) T n-Eicosane (C20)	11.703	3403164	19.879 ug/ml
11) T n-Heneicosane (C21)	12.313	3371418	19.497 ug/ml
13) T n-Docosane (C22)	12.895	3299923	19.074 ug/ml
14) T n-Tetracosane (C24)	13.993	3243507	18.737 ug/ml
15) T n-Hexacosane (C26)	15.009	3099743	18.419 ug/ml
16) T n-Octacosane (C28)	15.956	3107417	18.989 ug/ml
17) T n-Tricontane (C30)	16.840	3183568	20.391 ug/ml
18) T n-Dotriacontane (C32)	17.669	3045982	21.847 ug/ml
19) T n-Tetratriacontane (C34)	18.450	2689732	21.641 ug/ml
20) T n-Hexatriacontane (C36)	19.187	2523943	22.702 ug/ml
21) T n-Octatriacontane (C38)	19.892	2354122	22.567 ug/ml
22) T n-Tetracontane (C40)	20.715	2343335	24.473 ug/ml

(f)=RT Delta > 1/2 Window

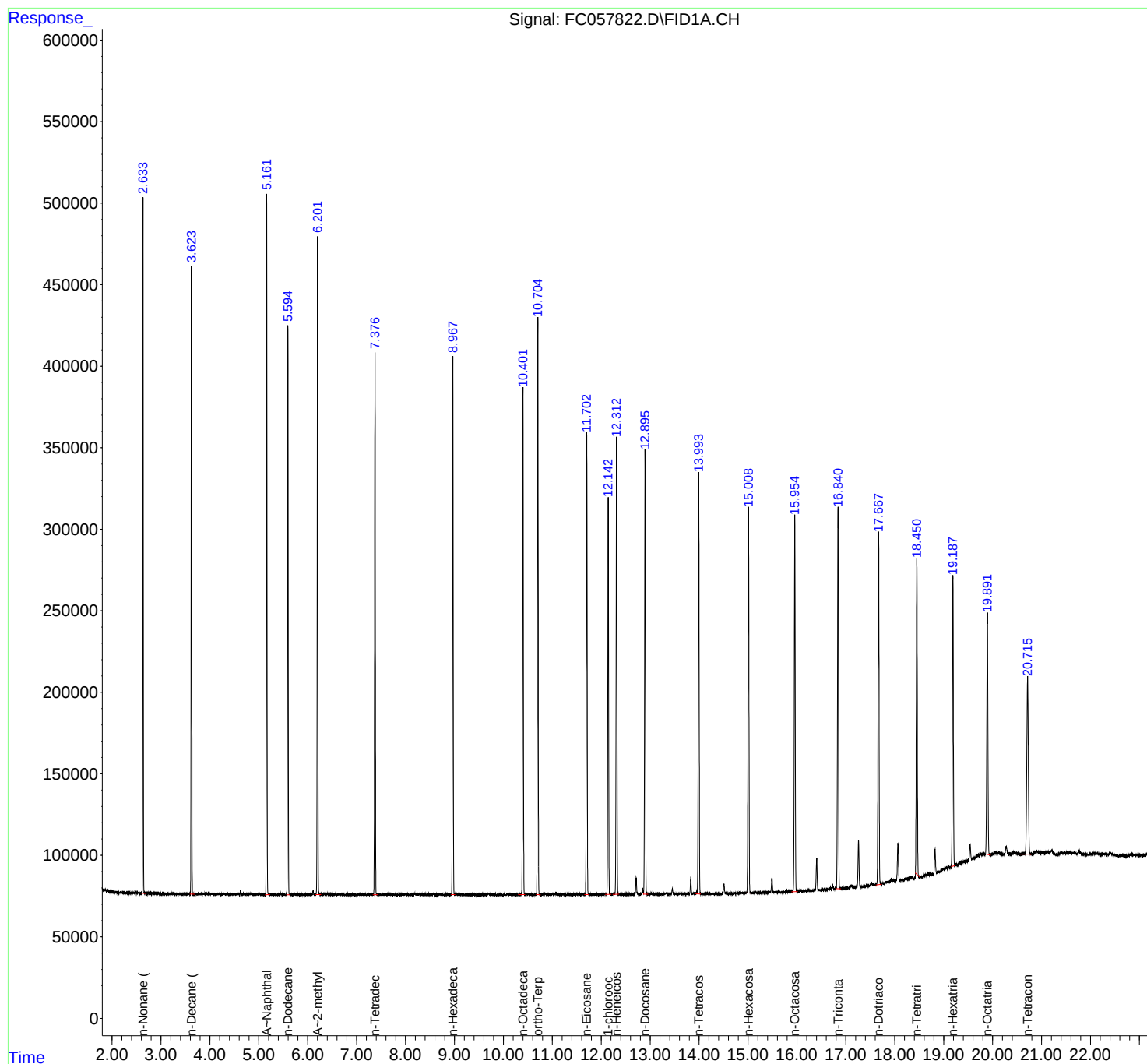
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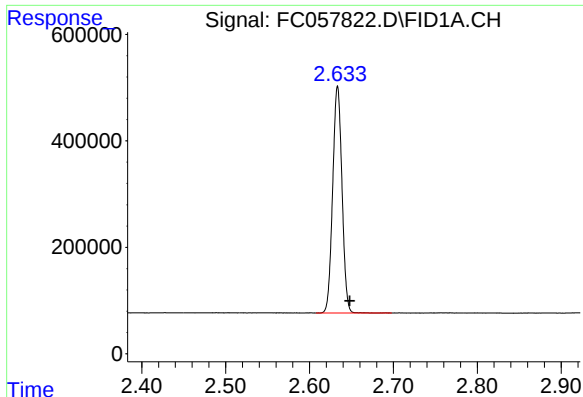
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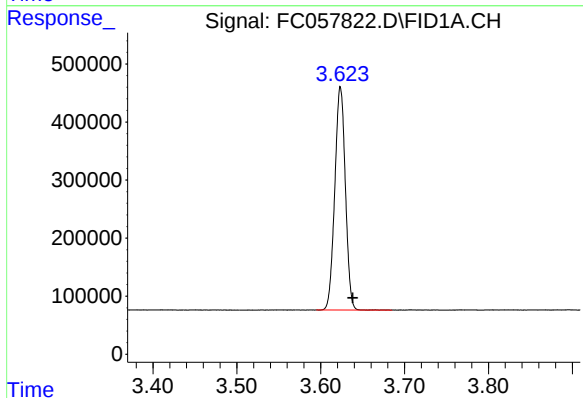




#1 n-Nonane (C9)

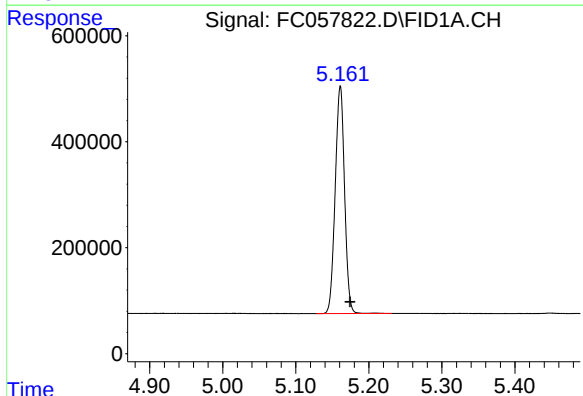
R.T.: 2.634 min
Delta R.T.: -0.014 min
Response: 3289229
Conc: 20.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



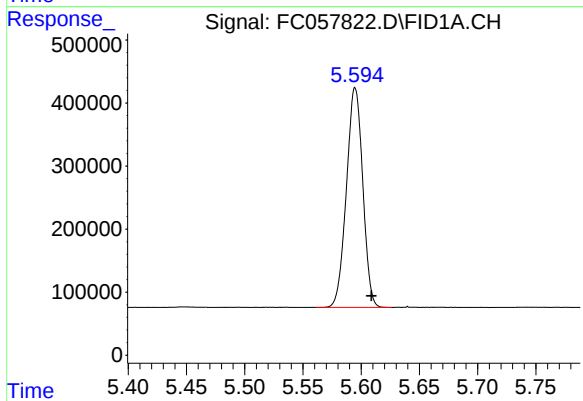
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.014 min
Response: 3373704
Conc: 20.99 ug/ml



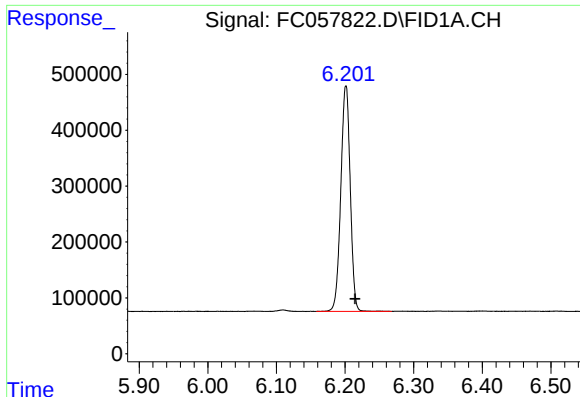
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.014 min
Response: 3826380
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

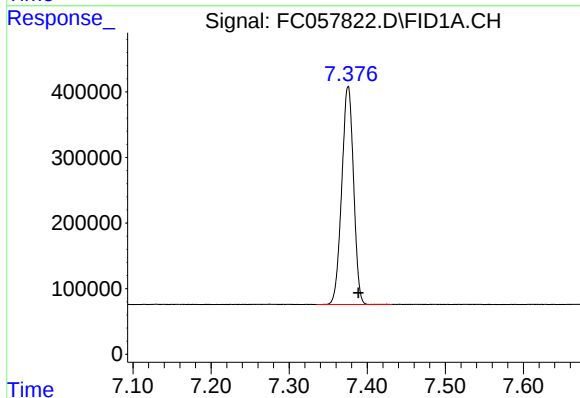
R.T.: 5.595 min
Delta R.T.: -0.014 min
Response: 3405695
Conc: 21.12 ug/ml



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

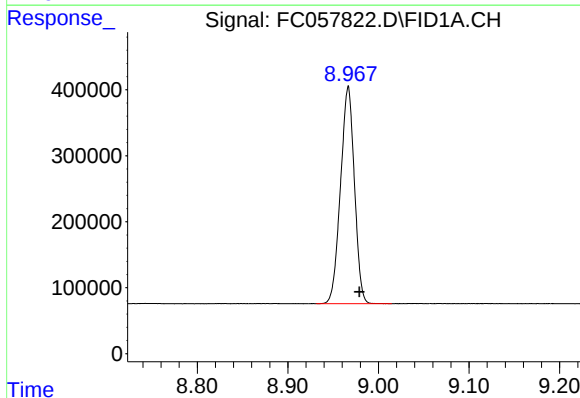
R.T.: 6.201 min
Delta R.T.: -0.013 min
Response: 3854145
Conc: 21.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



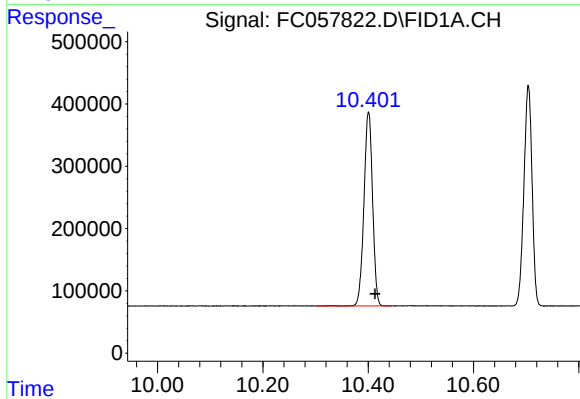
#6 n-Tetradecane (C14)

R.T.: 7.375 min
Delta R.T.: -0.013 min
Response: 3500729
Conc: 21.20 ug/ml



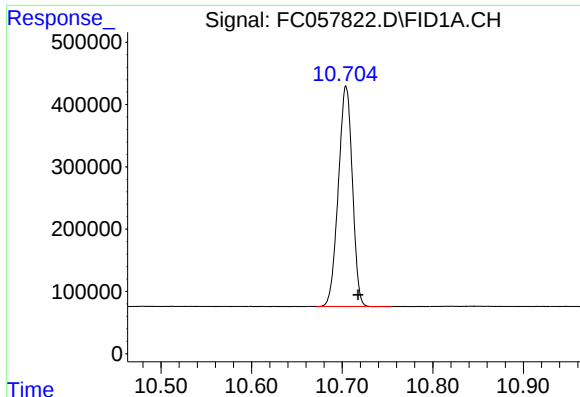
#7 n-Hexadecane (C16)

R.T.: 8.967 min
Delta R.T.: -0.012 min
Response: 3507504
Conc: 21.00 ug/ml



#8 n-Octadecane (C18)

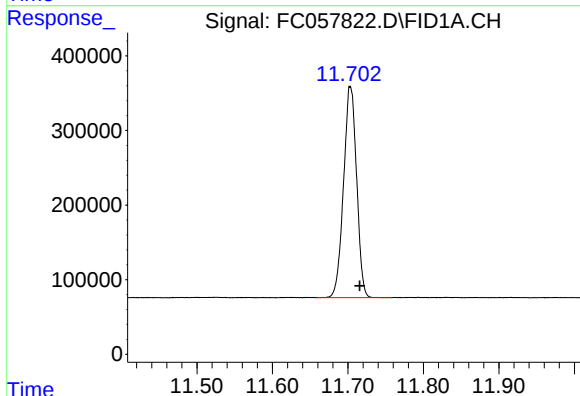
R.T.: 10.401 min
Delta R.T.: -0.012 min
Response: 3541489
Conc: 20.58 ug/ml



#9 ortho-Terphenyl (SURR)

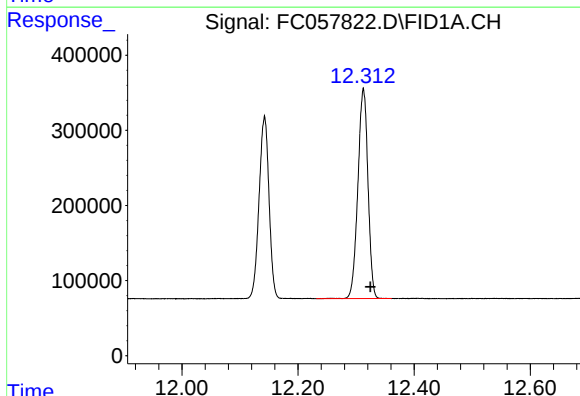
R.T.: 10.704 min
Delta R.T.: -0.013 min
Response: 3811447
Conc: 19.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



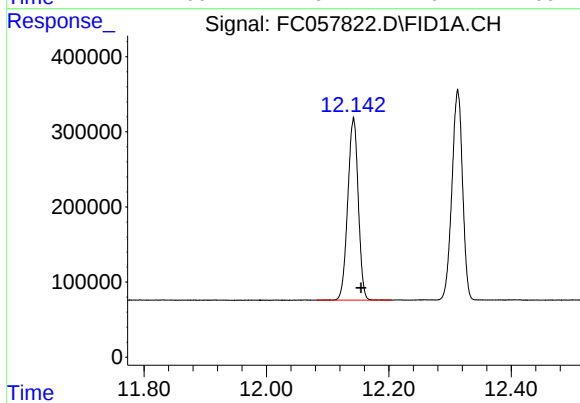
#10 n-Eicosane (C20)

R.T.: 11.703 min
Delta R.T.: -0.012 min
Response: 3403164
Conc: 19.88 ug/ml



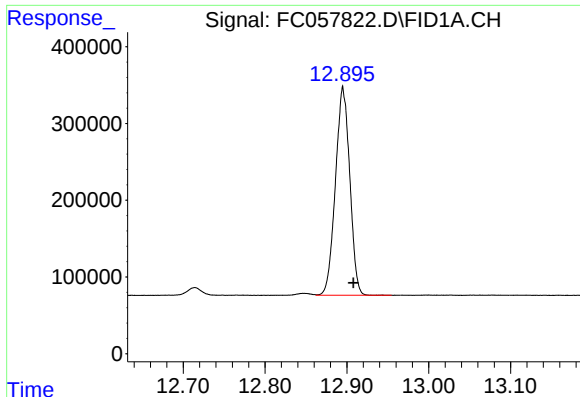
#11 n-Heneicosane (C21)

R.T.: 12.313 min
Delta R.T.: -0.012 min
Response: 3371418
Conc: 19.50 ug/ml



#12 1-chlorooctadecane (SURR)

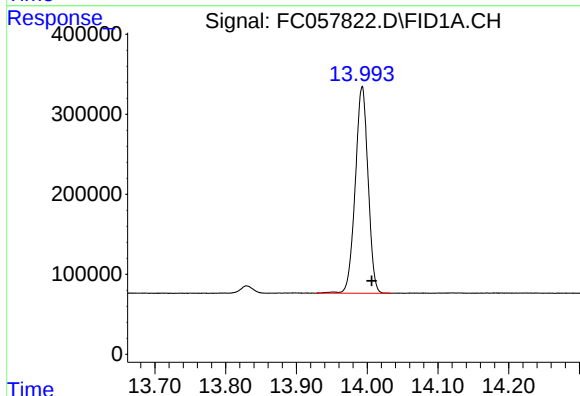
R.T.: 12.142 min
Delta R.T.: -0.013 min
Response: 2885711
Conc: 19.58 ug/ml



#13 n-Docosane (C22)

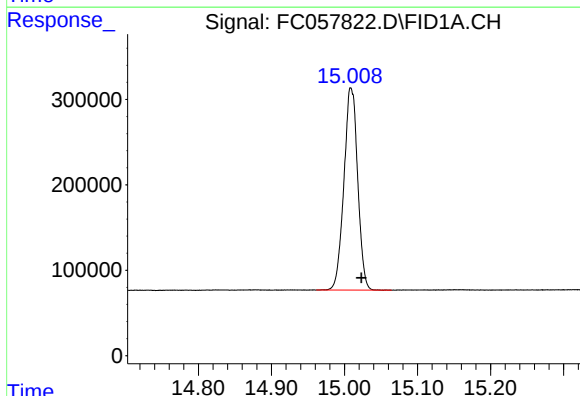
R.T.: 12.895 min
Delta R.T.: -0.013 min
Response: 3299923
Conc: 19.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



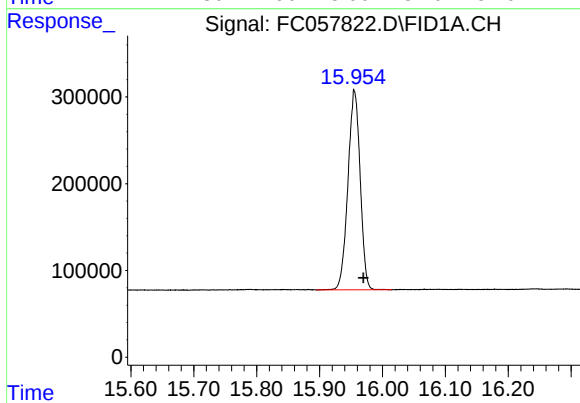
#14 n-Tetracosane (C24)

R.T.: 13.993 min
Delta R.T.: -0.014 min
Response: 3243507
Conc: 18.74 ug/ml



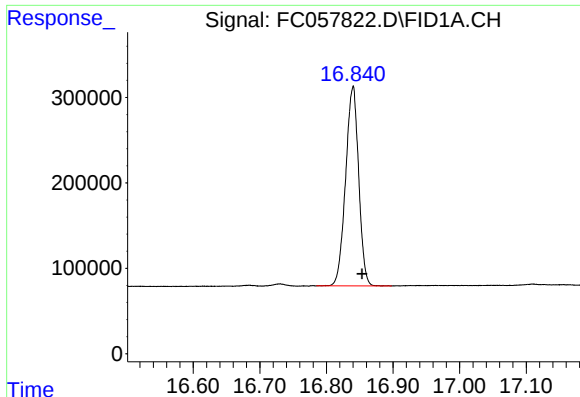
#15 n-Hexacosane (C26)

R.T.: 15.009 min
Delta R.T.: -0.014 min
Response: 3099743
Conc: 18.42 ug/ml



#16 n-Octacosane (C28)

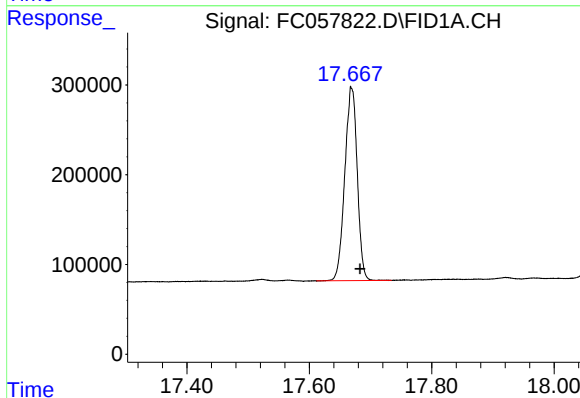
R.T.: 15.956 min
Delta R.T.: -0.014 min
Response: 3107417
Conc: 18.99 ug/ml



#17 n-Tricontane (C30)

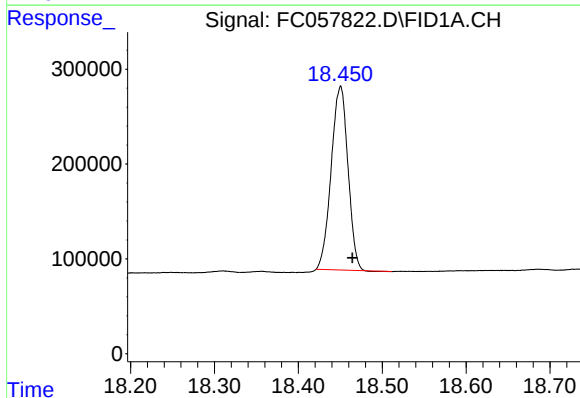
R.T.: 16.840 min
Delta R.T.: -0.014 min
Response: 3183568
Conc: 20.39 ug/ml

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20 PPM ALIPHATIC HC STD



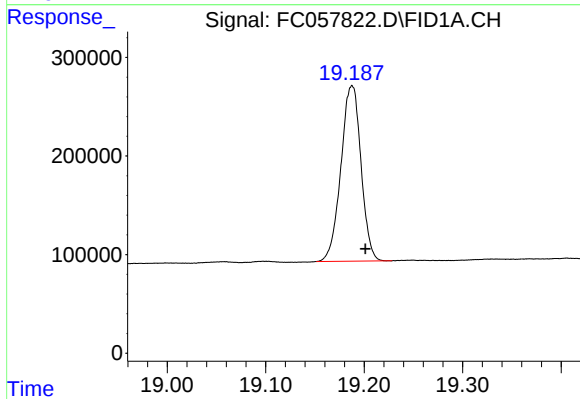
#18 n-Dotriacontane (C32)

R.T.: 17.669 min
Delta R.T.: -0.014 min
Response: 3045982
Conc: 21.85 ug/ml



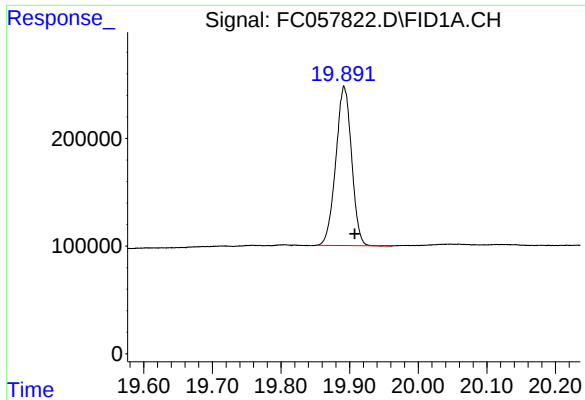
#19 n-Tetratriacontane (C34)

R.T.: 18.450 min
Delta R.T.: -0.014 min
Response: 2689732
Conc: 21.64 ug/ml



#20 n-Hexatriacontane (C36)

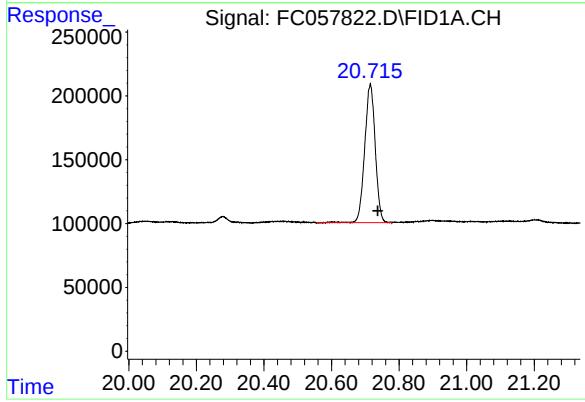
R.T.: 19.187 min
Delta R.T.: -0.014 min
Response: 2523943
Conc: 22.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.892 min
Delta R.T.: -0.015 min
Response: 2354122
Conc: 22.57 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.715 min
Delta R.T.: -0.022 min
Response: 2343335
Conc: 24.47 ug/ml