

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030222AL\
 Data File : FC058529.D
 Signal(s) : FID1A.CH
 Acq On : 02 Mar 2022 13:03
 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 00:46:44 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)	11.392	2809840	19.291 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
12) S 1-chlorooctadecane (S...	12.825	2174780	19.186 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
Target Compounds			
1) T n-Nonane (C9)	3.248	2428424	20.194 ug/ml
2) T n-Decane (C10)	4.297	2429944	20.420 ug/ml
3) T A~Naphthalene (C11.7)	5.855	2607580	20.092 ug/ml
4) T n-Dodecane (C12)	6.290	2499557	20.319 ug/ml
5) T A~2-methylnaphthalene...	6.900	2639563	20.247 ug/ml
6) T n-Tetradecane (C14)	8.067	2545489	20.314 ug/ml
7) T n-Hexadecane (C16)	9.655	2581986	20.050 ug/ml
8) T n-Octadecane (C18)	11.086	2597620	19.740 ug/ml
10) T n-Eicosane (C20)	12.385	2559498	19.464 ug/ml
11) T n-Heneicosane (C21)	12.993	2584258	19.554 ug/ml
13) T n-Docosane (C22)	13.576	2544753	19.519 ug/ml
14) T n-Tetracosane (C24)	14.671	2553963	19.778 ug/ml
15) T n-Hexacosane (C26)	15.687	2471597	19.980 ug/ml
16) T n-Octacosane (C28)	16.632	2476637	20.806 ug/ml
17) T n-Tricontane (C30)	17.515	2467981	21.925 ug/ml
18) T n-Dotriacontane (C32)	18.343	2346560	21.822 ug/ml
19) T n-Tetratriacontane (C34)	19.123	2129359	21.977 ug/ml
20) T n-Hexatriacontane (C36)	19.861	1934983	21.448 ug/ml
21) T n-Octatriacontane (C38)	20.564	1842198	21.169 ug/ml
22) T n-Tetracontane (C40)	21.389	1823367	21.728 ug/ml

(f)=RT Delta > 1/2 Window

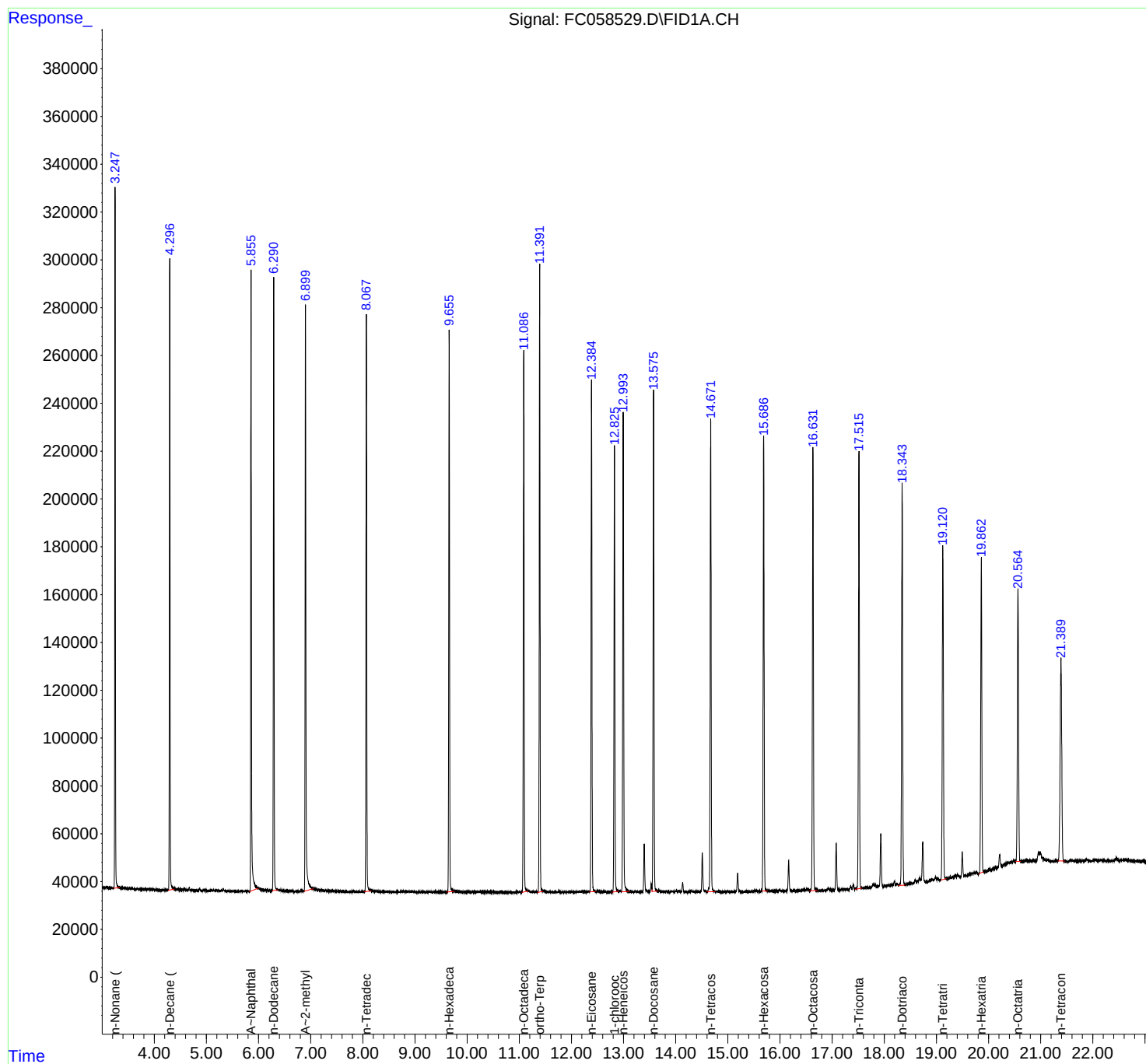
(m)=manual int.

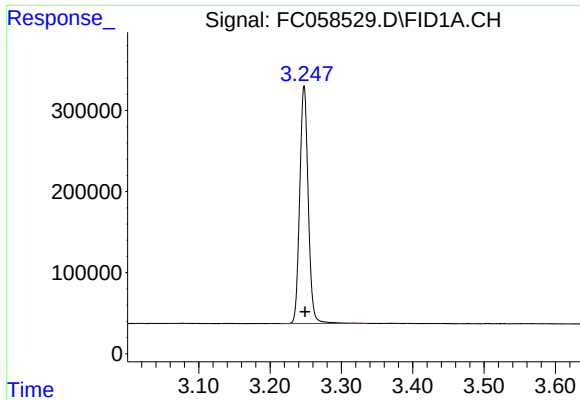
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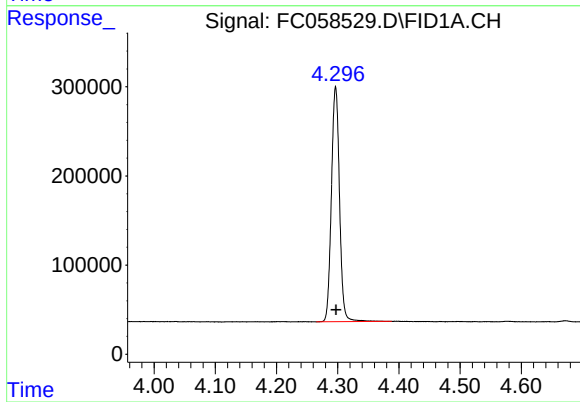




#1 n-Nonane (C9)

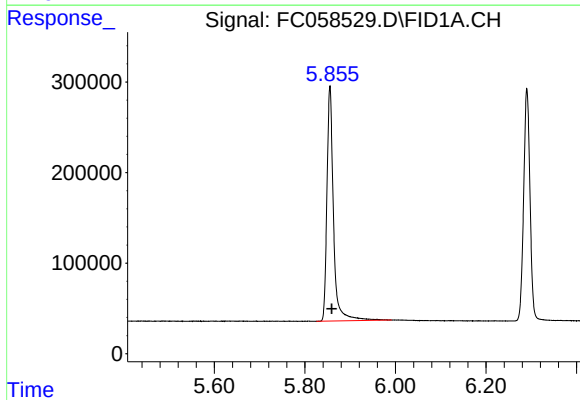
R.T.: 3.248 min
Delta R.T.: -0.001 min
Response: 2428424
Conc: 20.19 ug/ml

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20 PPM ALIPHATIC HC STD



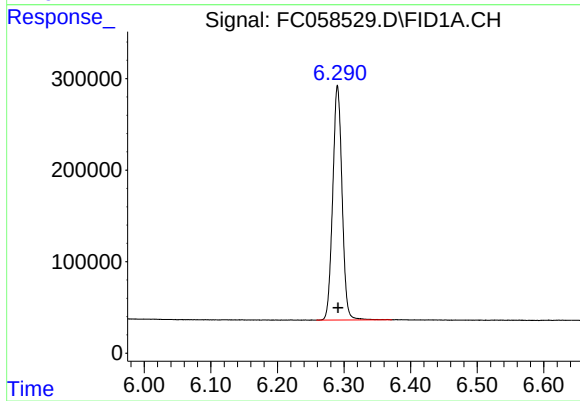
#2 n-Decane (C10)

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 2429944
Conc: 20.42 ug/ml



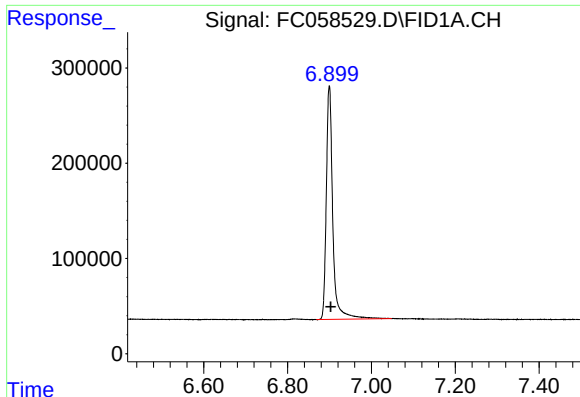
#3 A~Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 2607580
Conc: 20.09 ug/ml



#4 n-Dodecane (C12)

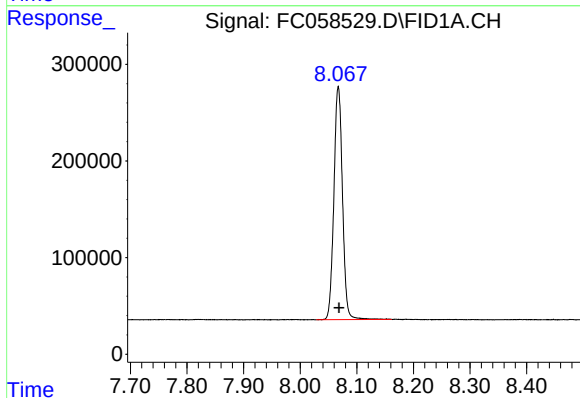
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 2499557
Conc: 20.32 ug/ml



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

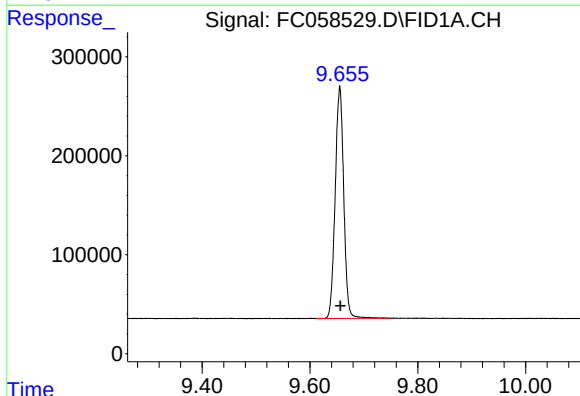
R.T.: 6.900 min
Delta R.T.: -0.003 min
Response: 2639563
Conc: 20.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



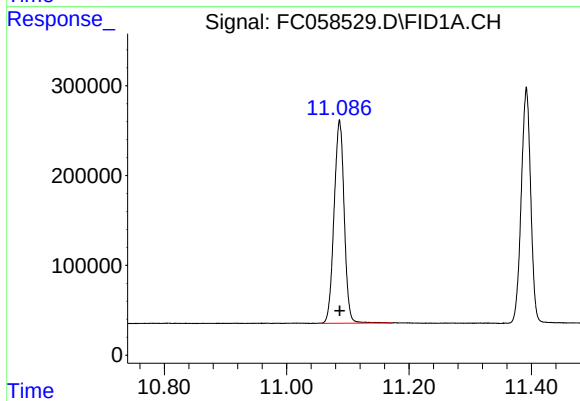
#6 n-Tetradecane (C14)

R.T.: 8.067 min
Delta R.T.: -0.001 min
Response: 2545489
Conc: 20.31 ug/ml



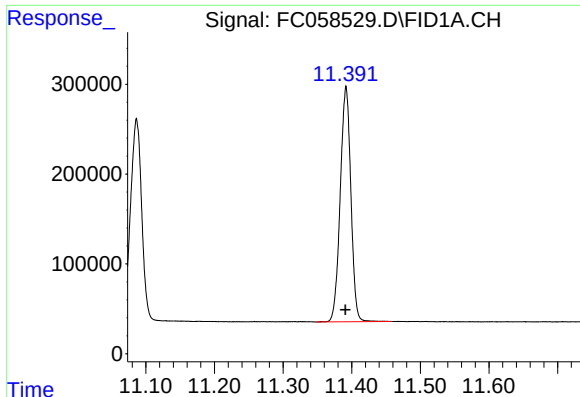
#7 n-Hexadecane (C16)

R.T.: 9.655 min
Delta R.T.: -0.001 min
Response: 2581986
Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

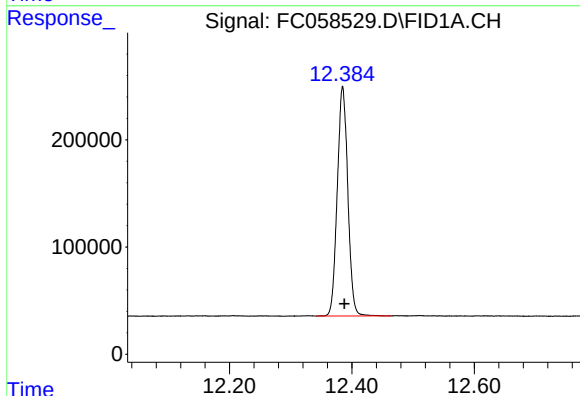
R.T.: 11.086 min
Delta R.T.: 0.000 min
Response: 2597620
Conc: 19.74 ug/ml



#9 ortho-Terphenyl (SURR)

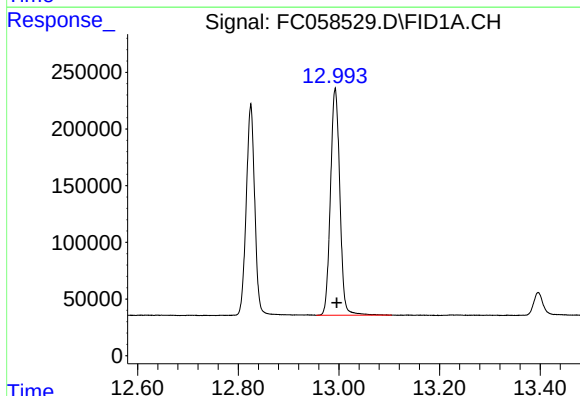
R.T.: 11.392 min
Delta R.T.: 0.000 min
Response: 2809840
Conc: 19.29 ug/ml

Instrument :
FID_C
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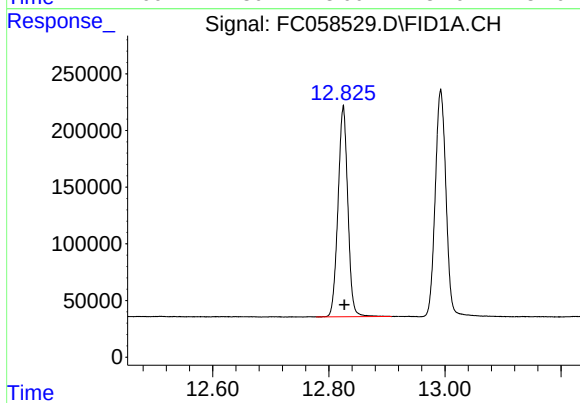
#10 n-Eicosane (C20)

R.T.: 12.385 min
Delta R.T.: -0.003 min
Response: 2559498
Conc: 19.46 ug/ml



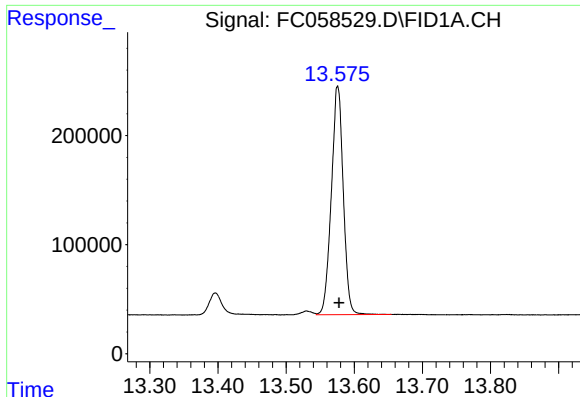
#11 n-Heneicosane (C21)

R.T.: 12.993 min
Delta R.T.: -0.003 min
Response: 2584258
Conc: 19.55 ug/ml



#12 1-chlorooctadecane (SURR)

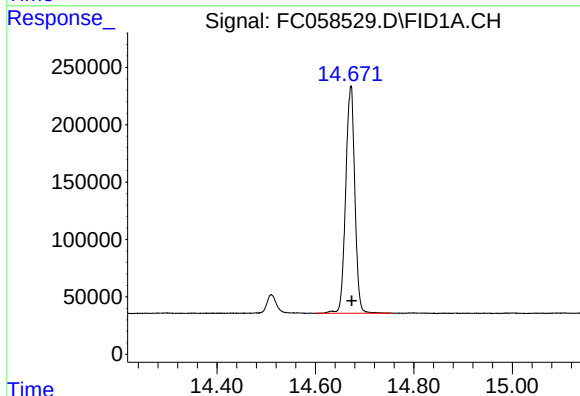
R.T.: 12.825 min
Delta R.T.: -0.002 min
Response: 2174780
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

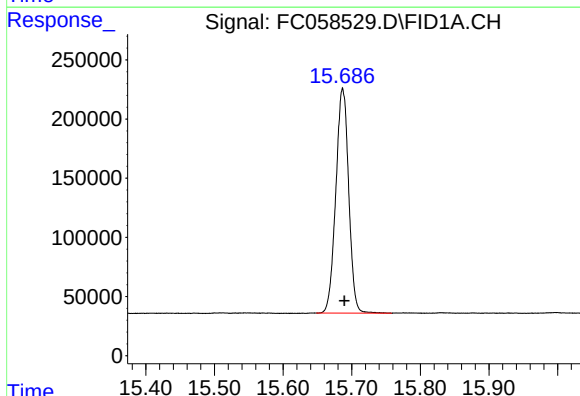
R.T.: 13.576 min
Delta R.T.: -0.002 min
Response: 2544753
Conc: 19.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



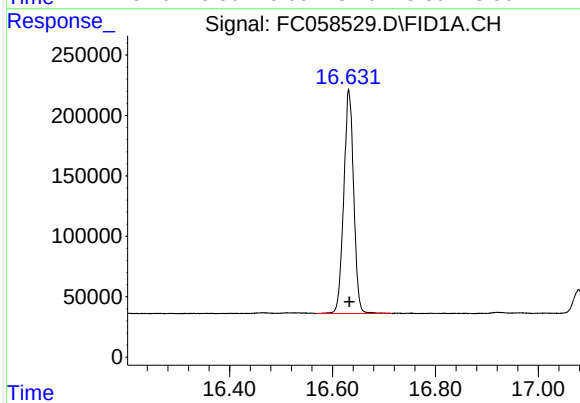
#14 n-Tetracosane (C24)

R.T.: 14.671 min
Delta R.T.: -0.002 min
Response: 2553963
Conc: 19.78 ug/ml



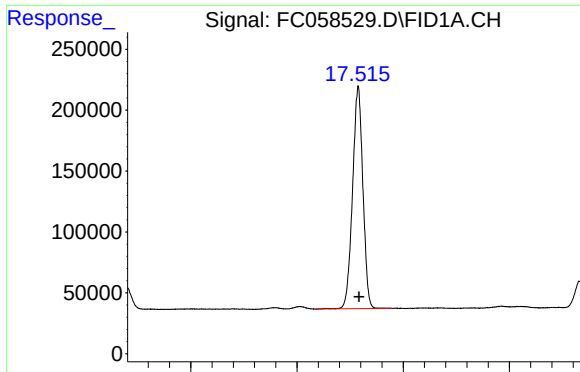
#15 n-Hexacosane (C26)

R.T.: 15.687 min
Delta R.T.: -0.003 min
Response: 2471597
Conc: 19.98 ug/ml



#16 n-Octacosane (C28)

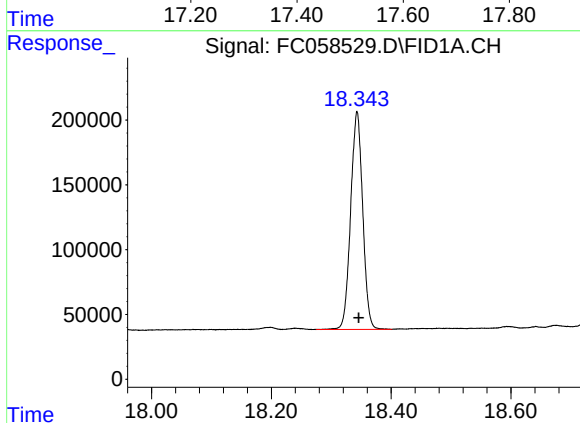
R.T.: 16.632 min
Delta R.T.: -0.001 min
Response: 2476637
Conc: 20.81 ug/ml



#17 n-Tricontane (C30)

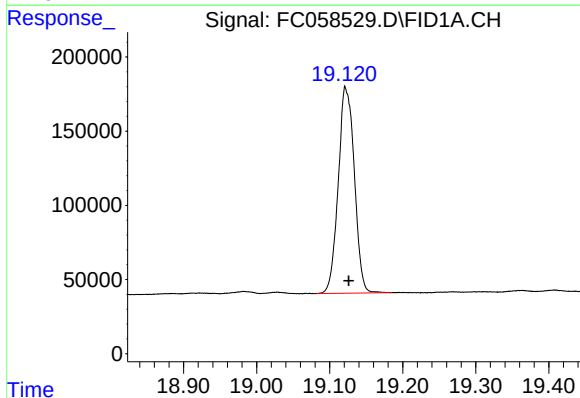
R.T.: 17.515 min
Delta R.T.: -0.002 min
Response: 2467981
Conc: 21.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



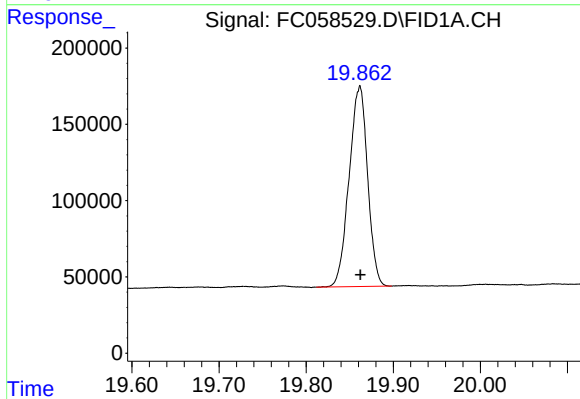
#18 n-Dotriacontane (C32)

R.T.: 18.343 min
Delta R.T.: -0.003 min
Response: 2346560
Conc: 21.82 ug/ml



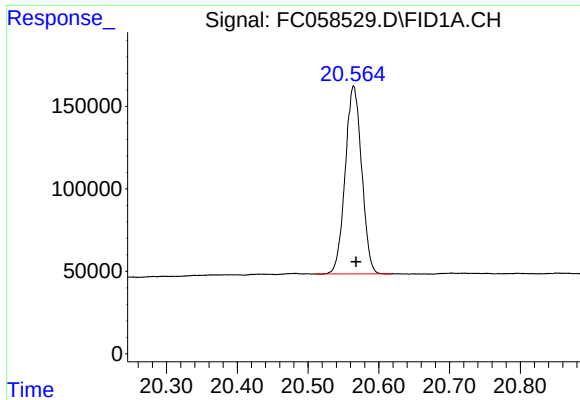
#19 n-Tetratriacontane (C34)

R.T.: 19.123 min
Delta R.T.: -0.003 min
Response: 2129359
Conc: 21.98 ug/ml



#20 n-Hexatriacontane (C36)

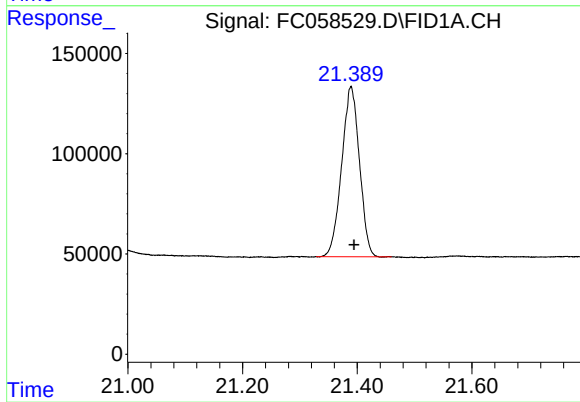
R.T.: 19.861 min
Delta R.T.: -0.001 min
Response: 1934983
Conc: 21.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.564 min
Delta R.T.: -0.003 min
Response: 1842198
Conc: 21.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.389 min
Delta R.T.: -0.005 min
Response: 1823367
Conc: 21.73 ug/ml