

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102121AL\
 Data File : FC056296.D
 Signal(s) : FID1A.CH
 Acq On : 20 Oct 2021 23:28
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 21 00:10:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 00:09:06 2021
 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)	11.624	1224283	9.925 ug/ml
Spiked Amount 50.000		Recovery =	19.85%
12) S 1-chlorooctadecane (S...	13.055	948738	9.840 ug/ml
Spiked Amount 50.000		Recovery =	19.68%
Target Compounds			
1) T n-Nonane (C9)	3.385	1063886	9.871 ug/ml
2) T n-Decane (C10)	4.451	1047544	9.694 ug/ml
3) T A~Naphthalene (C11.7)	6.042	1191739	9.813 ug/ml
4) T n-Dodecane (C12)	6.469	1079704	9.829 ug/ml
5) T A~2-methylnaphthalene...	7.098	1191950	9.708 ug/ml
6) T n-Tetradecane (C14)	8.264	1103999	9.895 ug/ml
7) T n-Hexadecane (C16)	9.863	1119701	9.919 ug/ml
8) T n-Octadecane (C18)	11.303	1160322	9.975 ug/ml
10) T n-Eicosane (C20)	12.610	1138213	9.914 ug/ml
11) T n-Heneicosane (C21)	13.221	1135539	9.885 ug/ml
13) T n-Docosane (C22)	13.806	1113988	9.875 ug/ml
14) T n-Tetracosane (C24)	14.905	1086254	9.800 ug/ml
15) T n-Hexacosane (C26)	15.923	1041899	9.834 ug/ml
16) T n-Octacosane (C28)	16.870	1034267	9.963 ug/ml
17) T n-Tricontane (C30)	17.753	1050418	10.291 ug/ml
18) T n-Dotriacontane (C32)	18.583	967372	10.274 ug/ml
19) T n-Tetratriacontane (C34)	19.361	871192	10.009 ug/ml
20) T n-Hexatriacontane (C36)	20.097	810566	9.992 ug/ml
21) T n-Octatriacontane (C38)	20.833	790905	9.925 ug/ml
22) T n-Tetracontane (C40)	21.746	819128	9.998 ug/ml

(f)=RT Delta > 1/2 Window

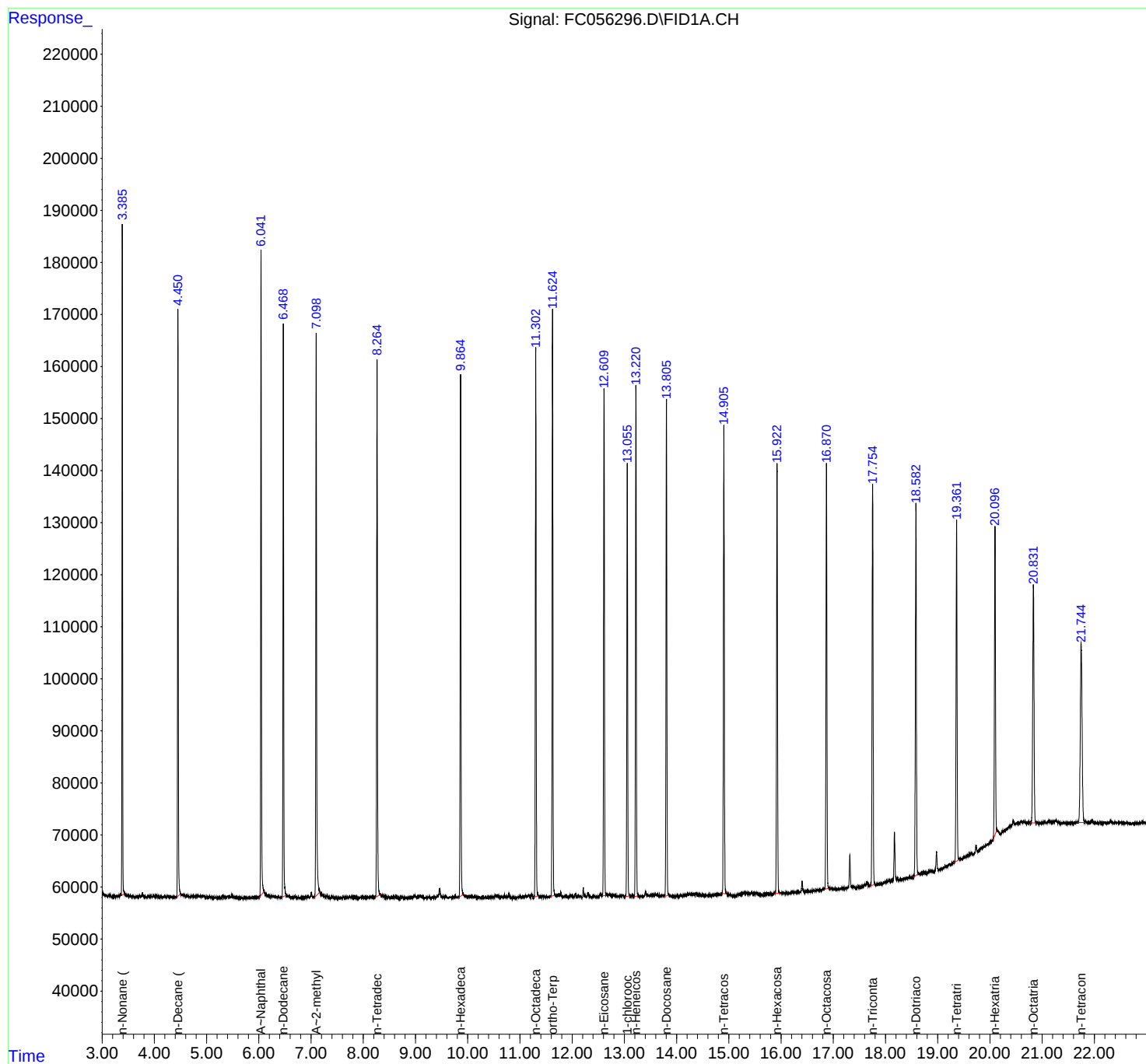
(m)=manual int.

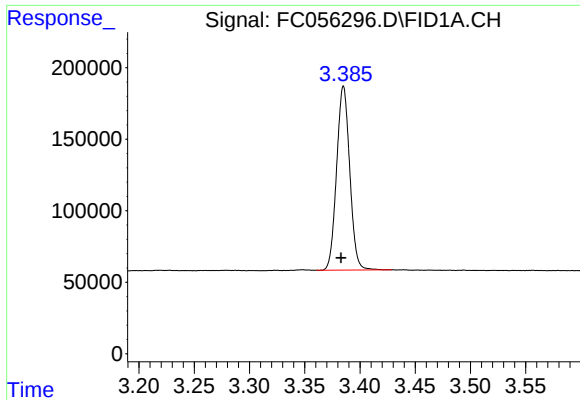
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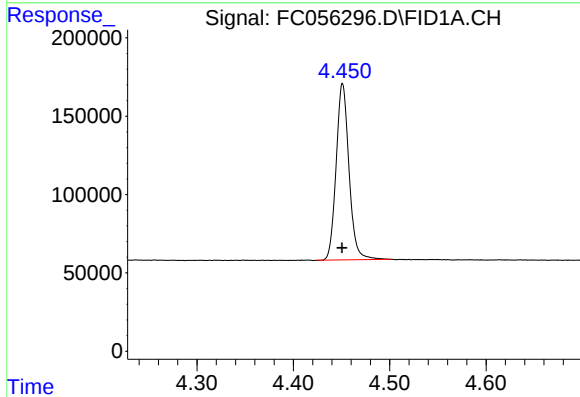




#1 n-Nonane (C9)

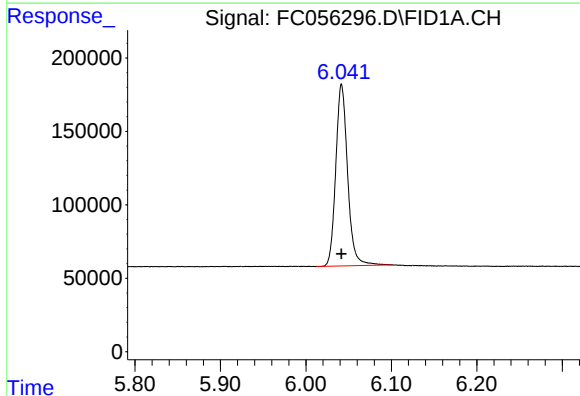
R.T.: 3.385 min
Delta R.T.: 0.002 min
Response: 1063886
Conc: 9.87 ug/ml

Instrument :
FID_C
ClientSampleId :



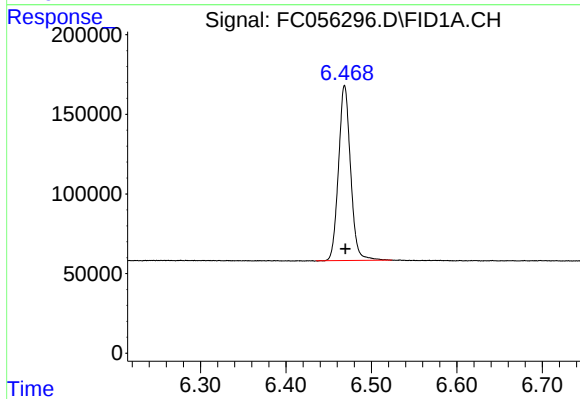
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 1047544
Conc: 9.69 ug/ml



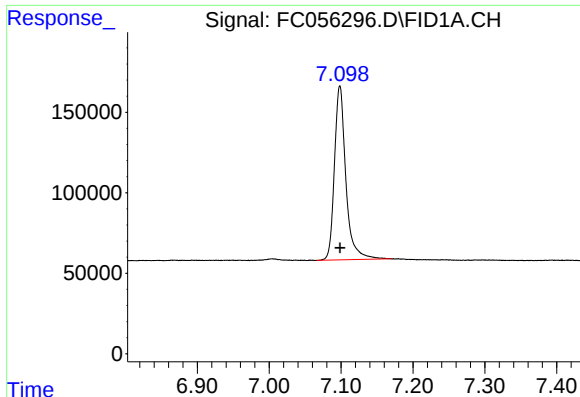
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 1191739
Conc: 9.81 ug/ml



#4 n-Dodecane (C12)

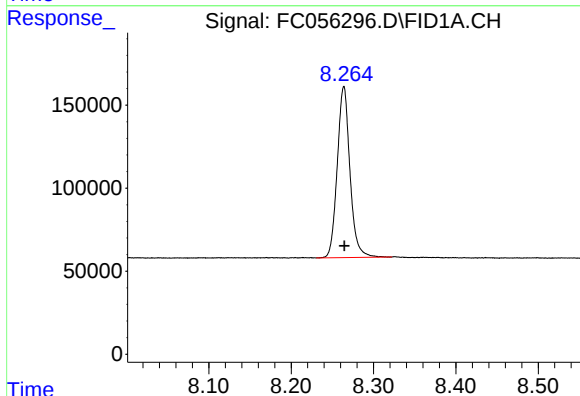
R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 1079704
Conc: 9.83 ug/ml



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

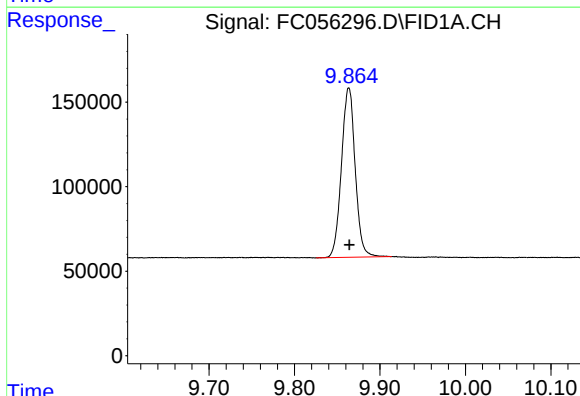
R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 1191950
Conc: 9.71 ug/ml

Instrument :
FID_C
ClientSampleId :



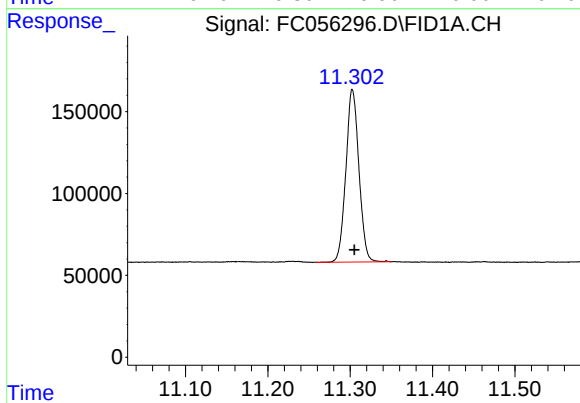
#6 n-Tetradecane (C14)

R.T.: 8.264 min
Delta R.T.: 0.000 min
Response: 1103999
Conc: 9.89 ug/ml



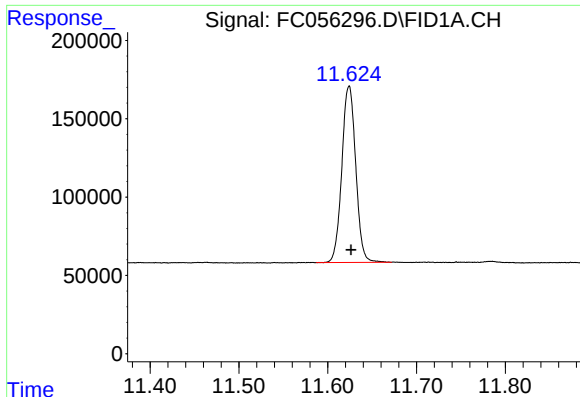
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: -0.001 min
Response: 1119701
Conc: 9.92 ug/ml



#8 n-Octadecane (C18)

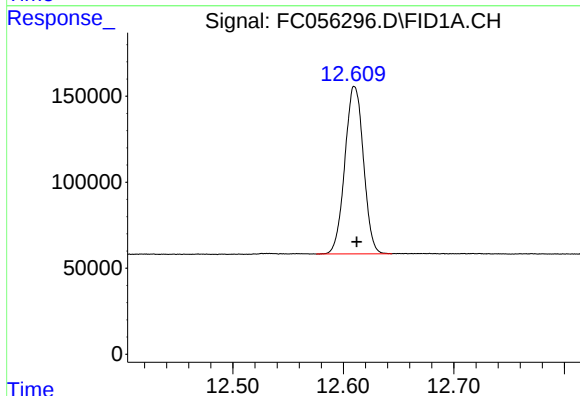
R.T.: 11.303 min
Delta R.T.: -0.002 min
Response: 1160322
Conc: 9.98 ug/ml



#9 ortho-Terphenyl (SURR)

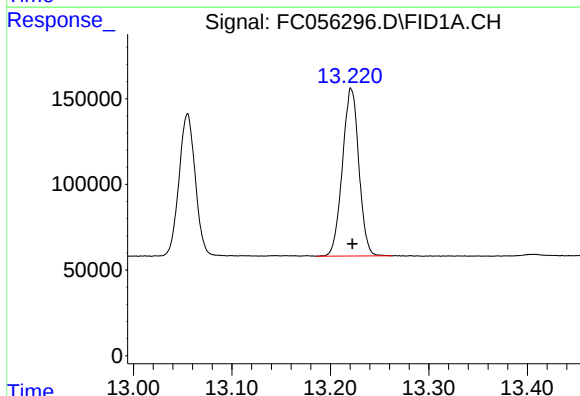
R.T.: 11.624 min
Delta R.T.: -0.002 min
Response: 1224283
Conc: 9.92 ug/ml

Instrument :
FID_C
ClientSampleId :



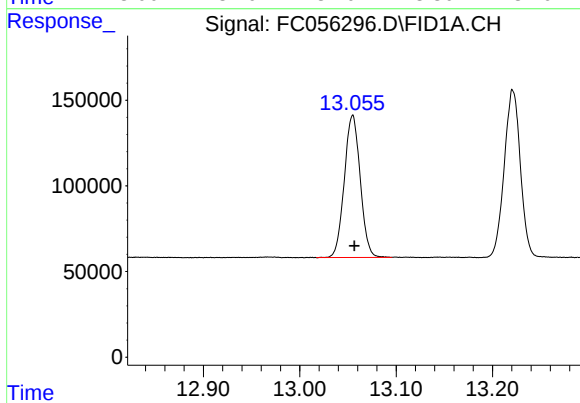
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: -0.002 min
Response: 1138213
Conc: 9.91 ug/ml



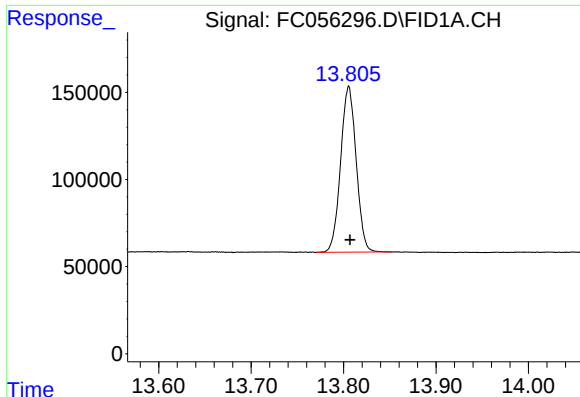
#11 n-Heneicosane (C21)

R.T.: 13.221 min
Delta R.T.: -0.001 min
Response: 1135539
Conc: 9.89 ug/ml



#12 1-chlorooctadecane (SURR)

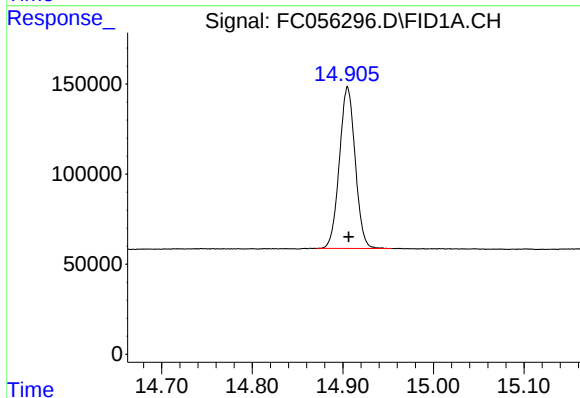
R.T.: 13.055 min
Delta R.T.: -0.002 min
Response: 948738
Conc: 9.84 ug/ml



#13 n-Docosane (C22)

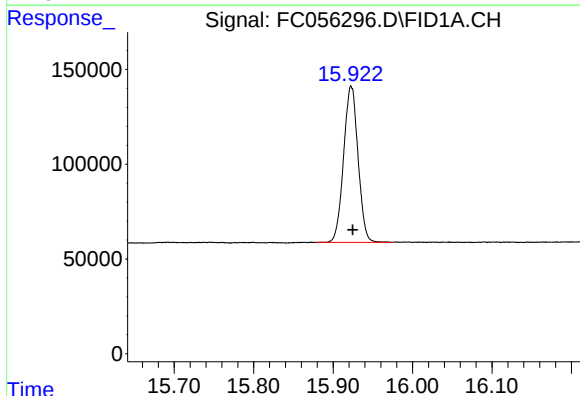
R.T.: 13.806 min
Delta R.T.: -0.001 min
Response: 1113988
Conc: 9.87 ug/ml

Instrument :
FID_C
ClientSampleId :



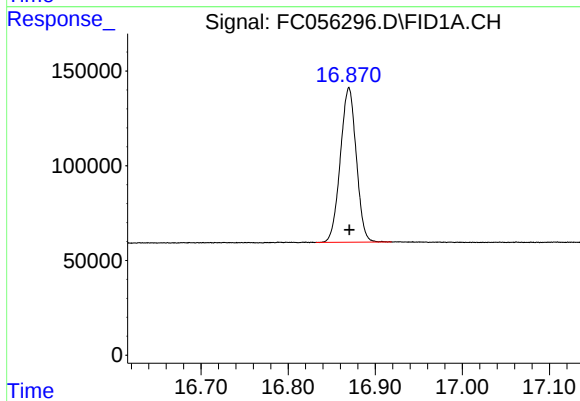
#14 n-Tetracosane (C24)

R.T.: 14.905 min
Delta R.T.: -0.001 min
Response: 1086254
Conc: 9.80 ug/ml



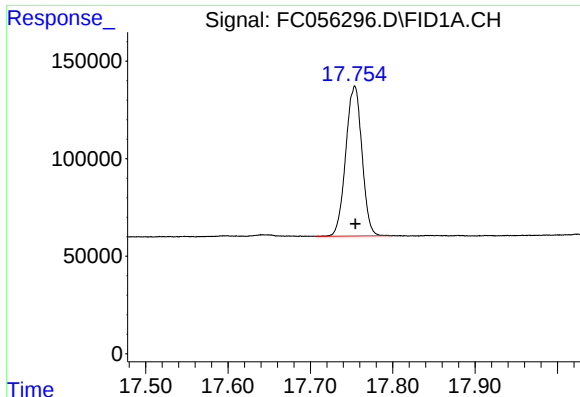
#15 n-Hexacosane (C26)

R.T.: 15.923 min
Delta R.T.: -0.002 min
Response: 1041899
Conc: 9.83 ug/ml



#16 n-Octacosane (C28)

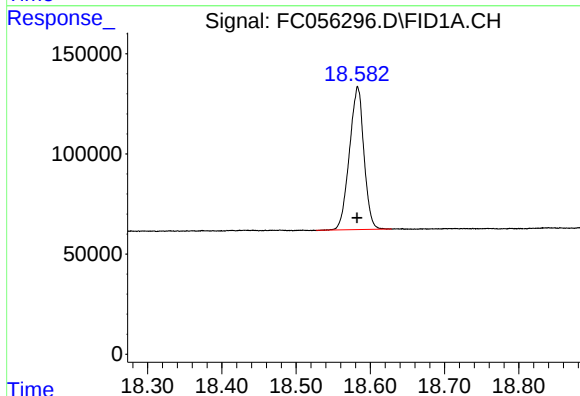
R.T.: 16.870 min
Delta R.T.: 0.000 min
Response: 1034267
Conc: 9.96 ug/ml



#17 n-Tricontane (C30)

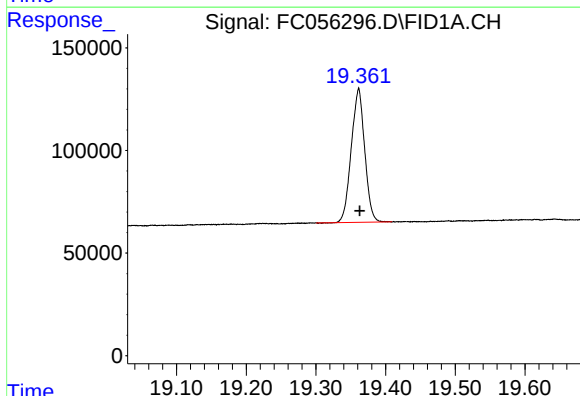
R.T.: 17.753 min
Delta R.T.: -0.001 min
Response: 1050418
Conc: 10.29 ug/ml

Instrument :
FID_C
ClientSampleId :



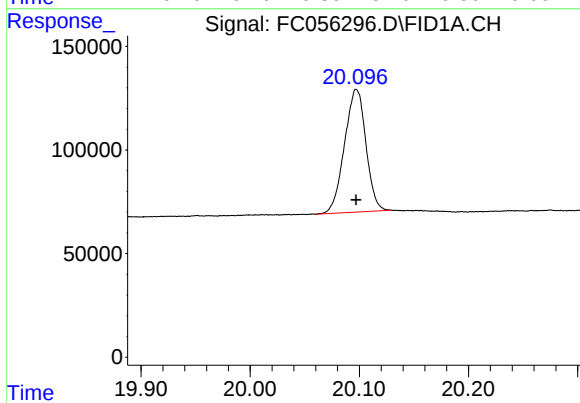
#18 n-Dotriacontane (C32)

R.T.: 18.583 min
Delta R.T.: 0.000 min
Response: 967372
Conc: 10.27 ug/ml



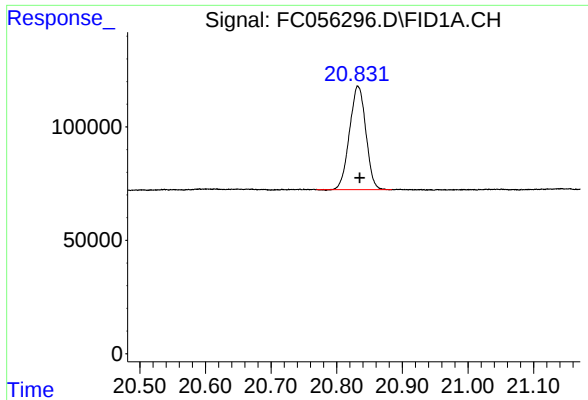
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min
Delta R.T.: -0.002 min
Response: 871192
Conc: 10.01 ug/ml



#20 n-Hexatriacontane (C36)

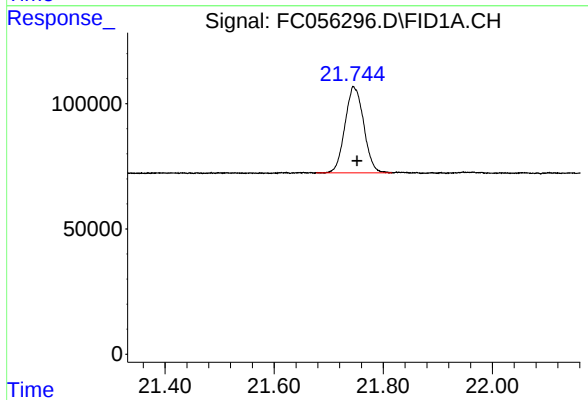
R.T.: 20.097 min
Delta R.T.: 0.000 min
Response: 810566
Conc: 9.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.833 min
Delta R.T.: -0.002 min
Response: 790905
Conc: 9.93 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.746 min
Delta R.T.: -0.006 min
Response: 819128
Conc: 10.00 ug/ml