

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111921AL\
 Data File : FC056916.D
 Signal(s) : FID1A.CH
 Acq On : 18 Nov 2021 21:32
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 19 00:46:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:45:04 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)	11.602	5828275	50.512 ug/ml
Spiked Amount 50.000		Recovery =	101.02%
12) S 1-chlorooctadecane (S...	13.033	4594226	50.749 ug/ml
Spiked Amount 50.000		Recovery =	101.50%
Target Compounds			
1) T n-Nonane (C9)	3.365	5129388	50.674 ug/ml
2) T n-Decane (C10)	4.431	5162868	51.305 ug/ml
3) T A~Naphthalene (C11.7)	6.019	5822542	51.958 ug/ml
4) T n-Dodecane (C12)	6.448	5177932	51.222 ug/ml
5) T A~2-methylnaphthalene...	7.076	5844559	51.676 ug/ml
6) T n-Tetradecane (C14)	8.242	5191181	51.299 ug/ml
7) T n-Hexadecane (C16)	9.841	5239763	50.910 ug/ml
8) T n-Octadecane (C18)	11.283	5392662	50.664 ug/ml
10) T n-Eicosane (C20)	12.589	5371276	50.537 ug/ml
11) T n-Heneicosane (C21)	13.200	5435487	50.544 ug/ml
13) T n-Docosane (C22)	13.785	5409373	50.787 ug/ml
14) T n-Tetracosane (C24)	14.885	5451488	50.677 ug/ml
15) T n-Hexacosane (C26)	15.904	5387343	50.939 ug/ml
16) T n-Octacosane (C28)	16.850	5377128	50.732 ug/ml
17) T n-Tricontane (C30)	17.733	5326132	50.699 ug/ml
18) T n-Dotriacontane (C32)	18.562	5195148	50.067 ug/ml
19) T n-Tetratriacontane (C34)	19.341	5111932	49.886 ug/ml
20) T n-Hexatriacontane (C36)	20.078	5036905	49.734 ug/ml
21) T n-Octatriacontane (C38)	20.809	4571608	50.301 ug/ml
22) T n-Tetracontane (C40)	21.719	4514107	50.313 ug/ml

(f)=RT Delta > 1/2 Window

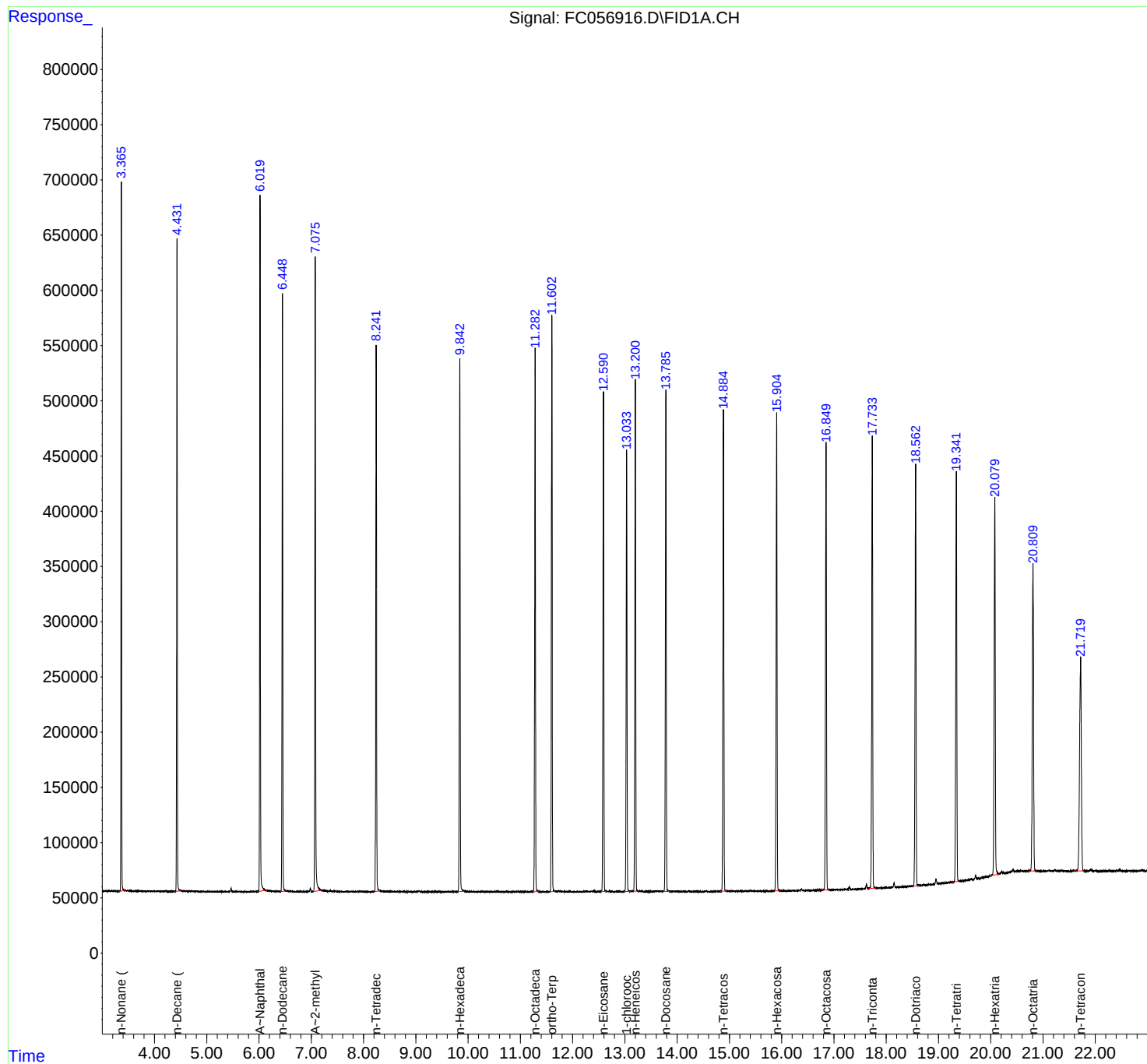
(m)=manual int.

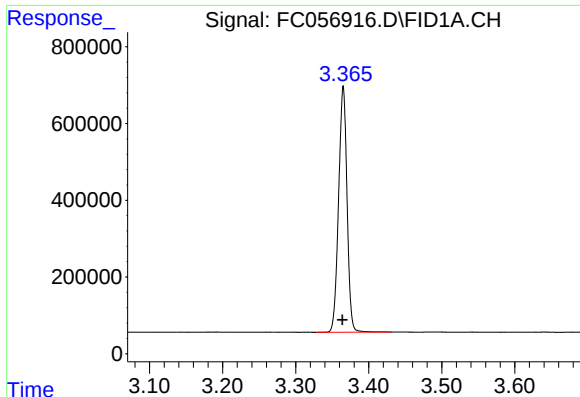
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111921AL\
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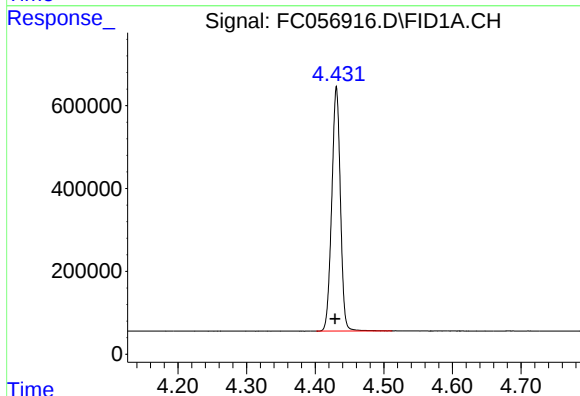




#1 n-Nonane (C9)

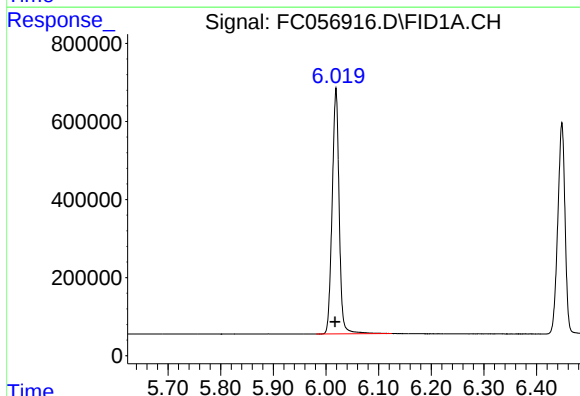
R.T.: 3.365 min
Delta R.T.: 0.001 min
Response: 5129388
Conc: 50.67 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



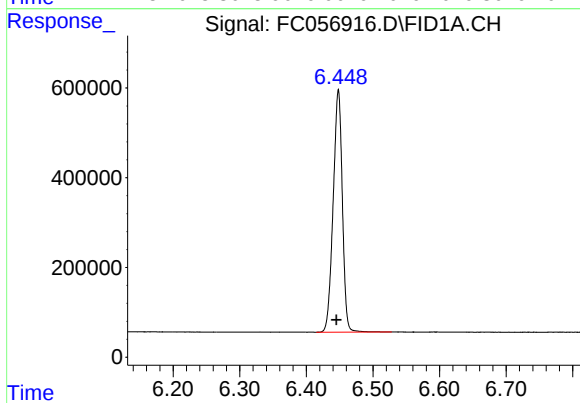
#2 n-Decane (C10)

R.T.: 4.431 min
Delta R.T.: 0.002 min
Response: 5162868
Conc: 51.30 ug/ml



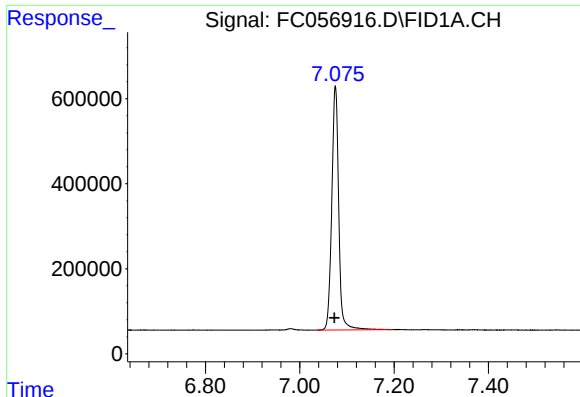
#3 A~Naphthalene (C11.7)

R.T.: 6.019 min
Delta R.T.: 0.002 min
Response: 5822542
Conc: 51.96 ug/ml



#4 n-Dodecane (C12)

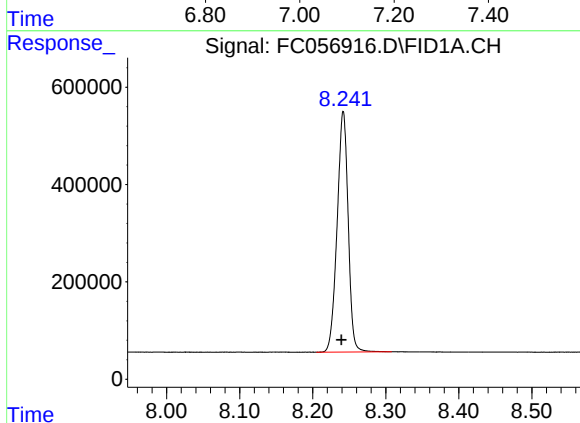
R.T.: 6.448 min
Delta R.T.: 0.003 min
Response: 5177932
Conc: 51.22 ug/ml



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

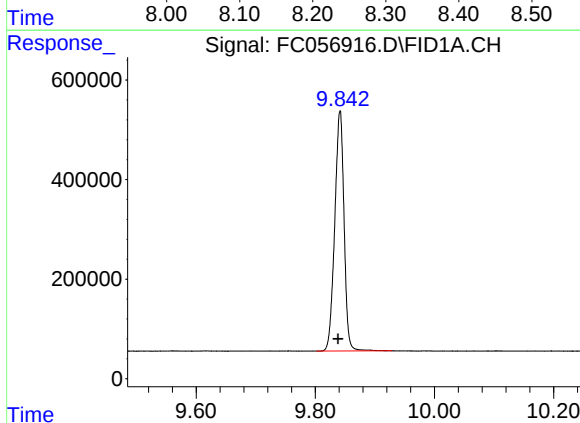
R.T.: 7.076 min
Delta R.T.: 0.002 min
Response: 5844559
Conc: 51.68 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



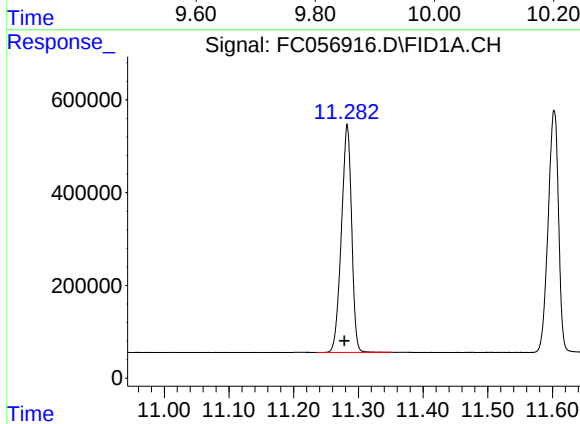
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: 0.003 min
Response: 5191181
Conc: 51.30 ug/ml



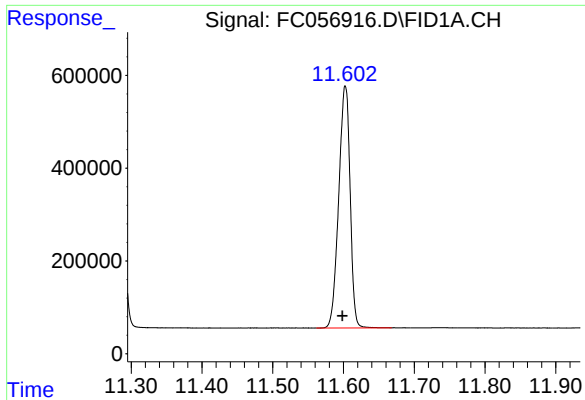
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: 0.003 min
Response: 5239763
Conc: 50.91 ug/ml



#8 n-Octadecane (C18)

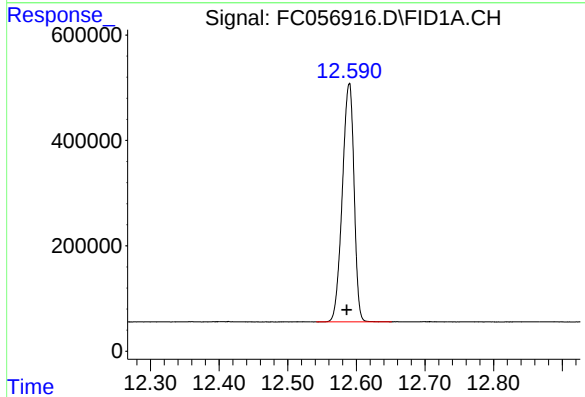
R.T.: 11.283 min
Delta R.T.: 0.004 min
Response: 5392662
Conc: 50.66 ug/ml



#9 ortho-Terphenyl (SURR)

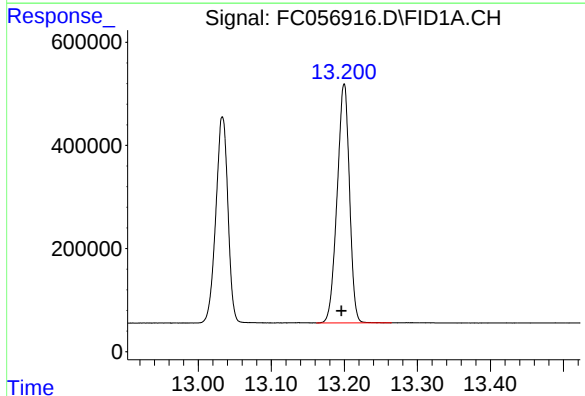
R.T.: 11.602 min
Delta R.T.: 0.004 min
Response: 5828275
Conc: 50.51 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



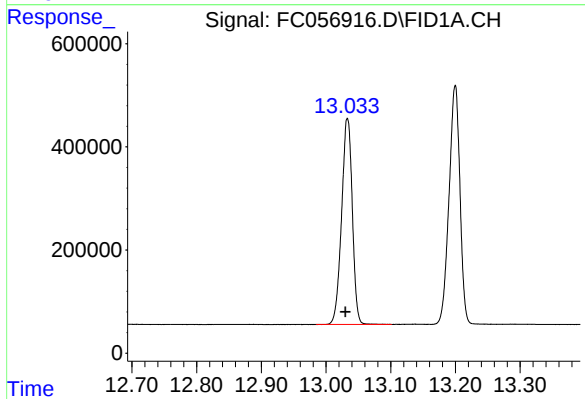
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: 0.003 min
Response: 5371276
Conc: 50.54 ug/ml



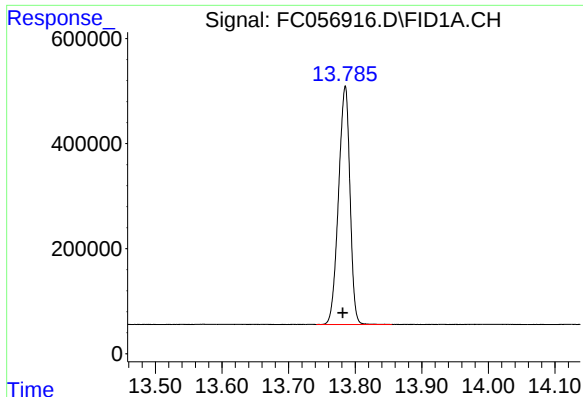
#11 n-Heneicosane (C21)

R.T.: 13.200 min
Delta R.T.: 0.003 min
Response: 5435487
Conc: 50.54 ug/ml



#12 1-chlorooctadecane (SURR)

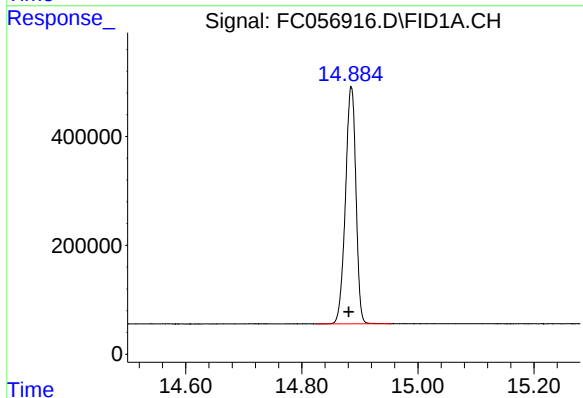
R.T.: 13.033 min
Delta R.T.: 0.003 min
Response: 4594226
Conc: 50.75 ug/ml



#13 n-Docosane (C22)

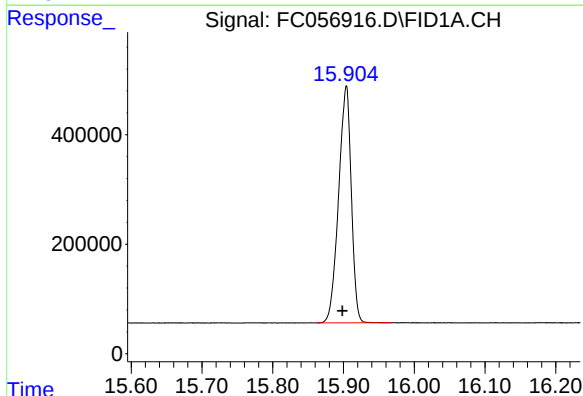
R.T.: 13.785 min
Delta R.T.: 0.004 min
Response: 5409373
Conc: 50.79 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



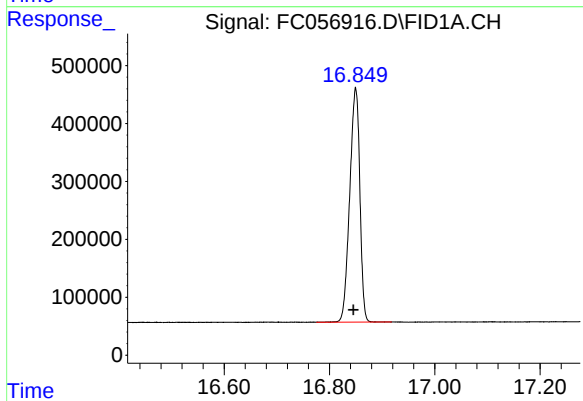
#14 n-Tetracosane (C24)

R.T.: 14.885 min
Delta R.T.: 0.004 min
Response: 5451488
Conc: 50.68 ug/ml



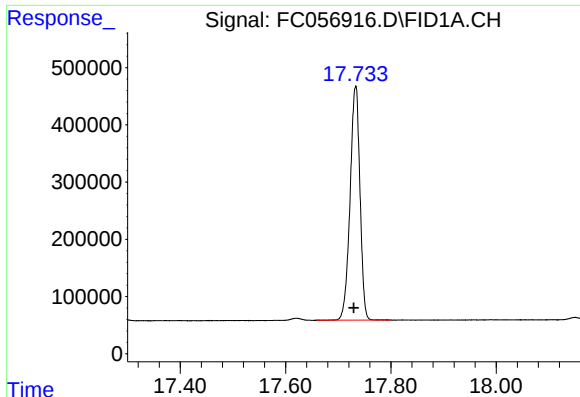
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: 0.005 min
Response: 5387343
Conc: 50.94 ug/ml



#16 n-Octacosane (C28)

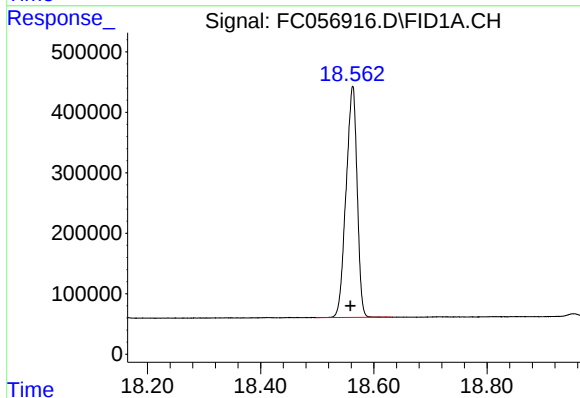
R.T.: 16.850 min
Delta R.T.: 0.004 min
Response: 5377128
Conc: 50.73 ug/ml



#17 n-Tricontane (C30)

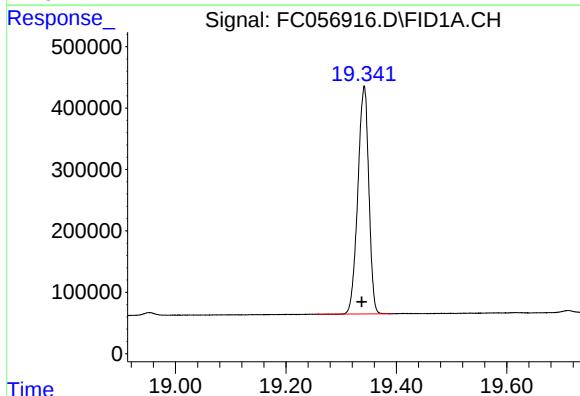
R.T.: 17.733 min
Delta R.T.: 0.003 min
Response: 5326132
Conc: 50.70 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



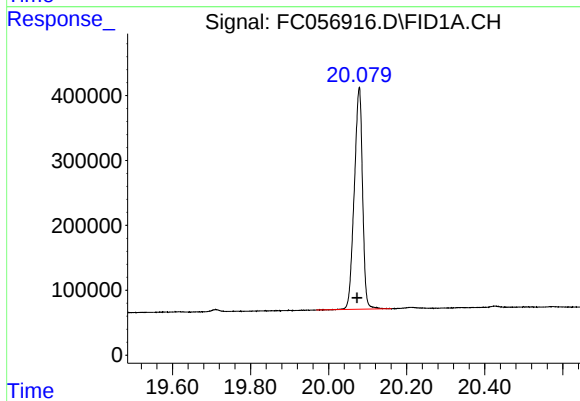
#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: 0.004 min
Response: 5195148
Conc: 50.07 ug/ml



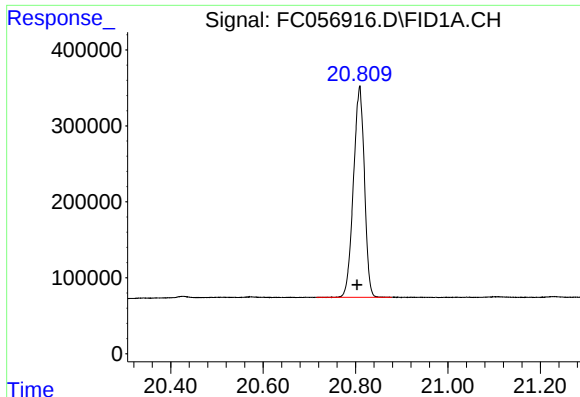
#19 n-Tetratriacontane (C34)

R.T.: 19.341 min
Delta R.T.: 0.004 min
Response: 5111932
Conc: 49.89 ug/ml



#20 n-Hexatriacontane (C36)

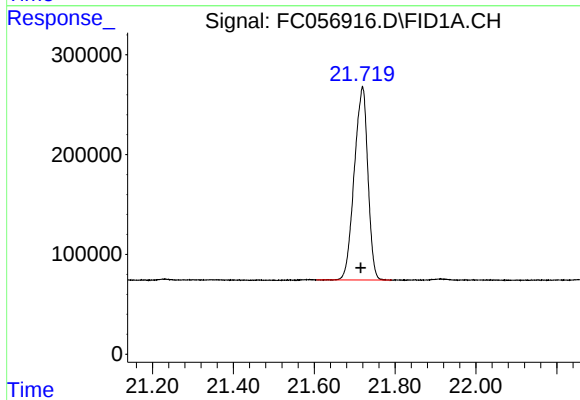
R.T.: 20.078 min
Delta R.T.: 0.005 min
Response: 5036905
Conc: 49.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: 0.005 min
Response: 4571608
Conc: 50.30 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.719 min
Delta R.T.: 0.005 min
Response: 4514107
Conc: 50.31 ug/ml