

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052456.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2021 00:06
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 17 02:11:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 02:10:50 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)	11.583	13493274	100.497 ug/ml
Spiked Amount 50.000		Recovery =	200.99%
12) S 1-chlorooctadecane (S...	13.016	10773967	99.536 ug/ml
Spiked Amount 50.000		Recovery =	199.07%
Target Compounds			
1) T n-Nonane (C9)	3.335	11715479	100.880 ug/ml
2) T n-Decane (C10)	4.403	11859622	100.979 ug/ml
3) T A~Naphthalene (C11.7)	5.990	13292192	101.435 ug/ml
4) T n-Dodecane (C12)	6.422	12140156	100.764 ug/ml
5) T A~2-methylnaphthalene...	7.049	13676218	101.784 ug/ml
6) T n-Tetradecane (C14)	8.220	12215015	100.664 ug/ml
7) T n-Hexadecane (C16)	9.821	12096070	100.505 ug/ml
8) T n-Octadecane (C18)	11.266	12613912	99.874 ug/ml
10) T n-Eicosane (C20)	12.573	12807537	100.365 ug/ml
11) T n-Heneicosane (C21)	13.185	12623339	99.048 ug/ml
13) T n-Docosane (C22)	13.770	12547976	98.819 ug/ml
14) T n-Tetracosane (C24)	14.872	12320679	97.959 ug/ml
15) T n-Hexacosane (C26)	15.891	11819124	97.389 ug/ml
16) T n-Octacosane (C28)	16.841	11249621	96.821 ug/ml
17) T n-Tricontane (C30)	17.726	10507080	96.102 ug/ml
18) T n-Dotriacontane (C32)	18.557	9602373	95.922 ug/ml
19) T n-Tetratriacontane (C34)	19.339	8990068	96.837 ug/ml
20) T n-Hexatriacontane (C36)	20.077	8495398	91.674 ug/ml
21) T n-Octatriacontane (C38)	20.811	8133149	98.923 ug/ml
22) T n-Tetracontane (C40)	21.720	8505472	98.443 ug/ml

(f)=RT Delta > 1/2 Window

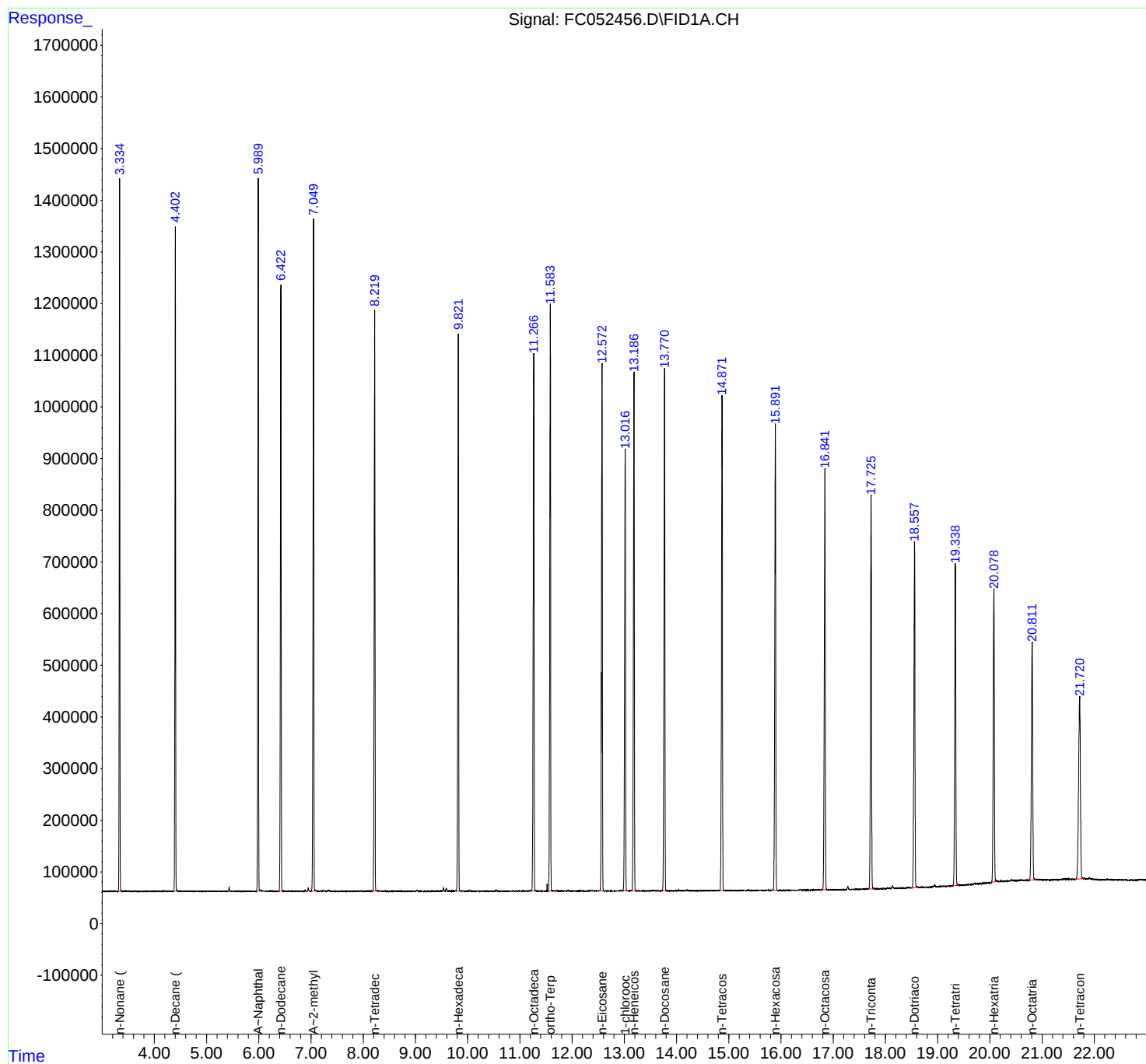
(m)=manual int.

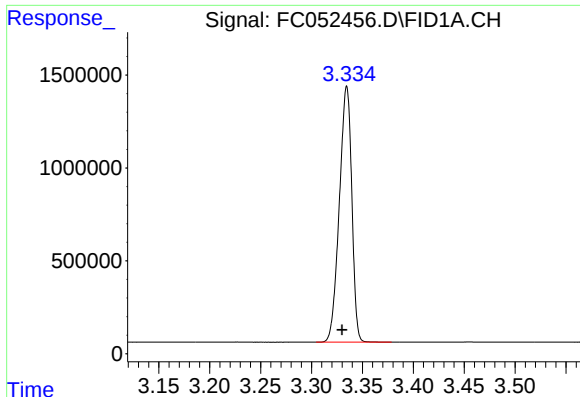
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Instrument :
FID_C
ClientSampled :

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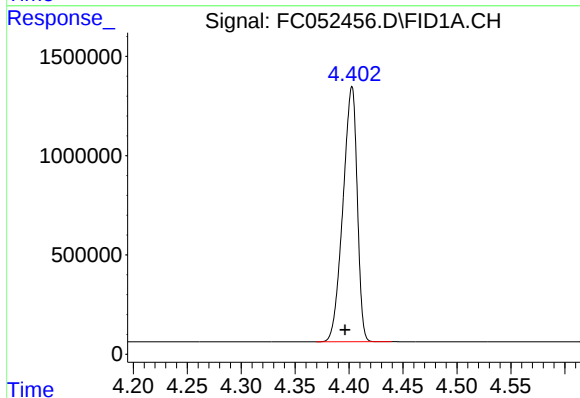




#1 n-Nonane (C9)

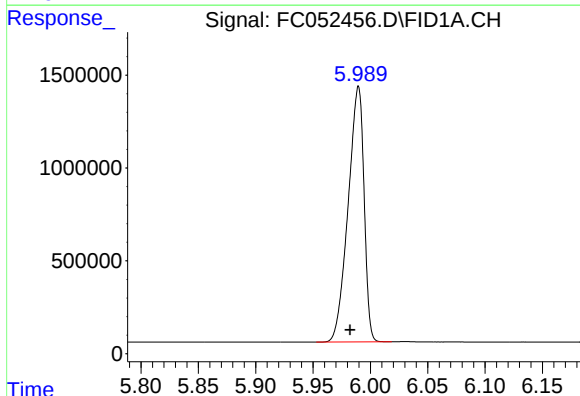
R.T.: 3.335 min
Delta R.T.: 0.005 min
Response: 11715479
Conc: 100.88 ug/ml

Instrument :
FID_C
ClientSampleId :



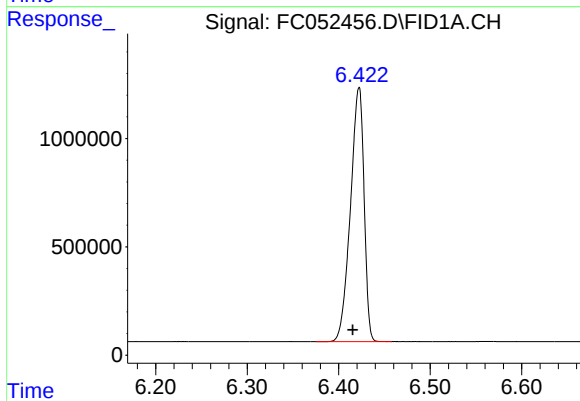
#2 n-Decane (C10)

R.T.: 4.403 min
Delta R.T.: 0.006 min
Response: 11859622
Conc: 100.98 ug/ml



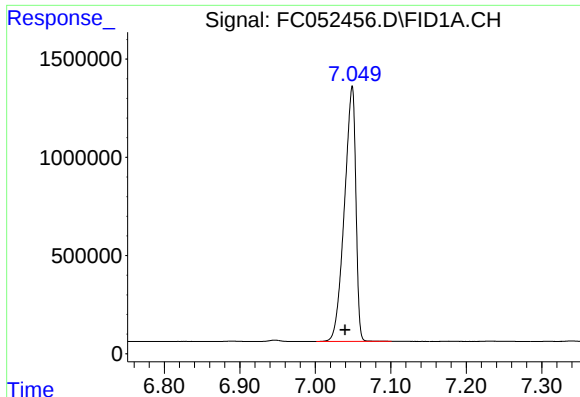
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min
Delta R.T.: 0.007 min
Response: 13292192
Conc: 101.44 ug/ml



#4 n-Dodecane (C12)

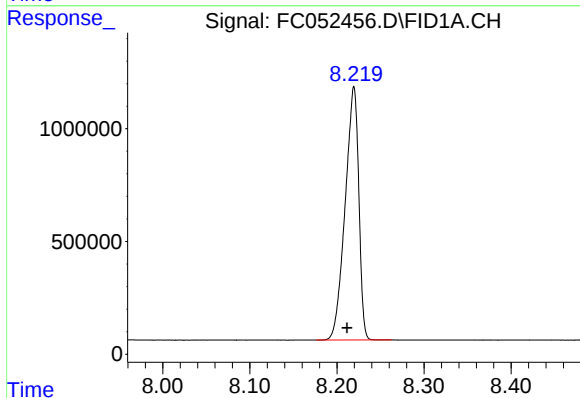
R.T.: 6.422 min
Delta R.T.: 0.007 min
Response: 12140156
Conc: 100.76 ug/ml



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

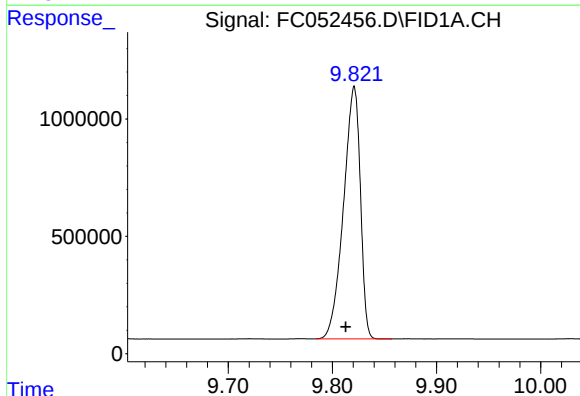
R.T.: 7.049 min
Delta R.T.: 0.009 min
Response: 13676218
Conc: 101.78 ug/ml

Instrument :
FID_C
ClientSampleId :



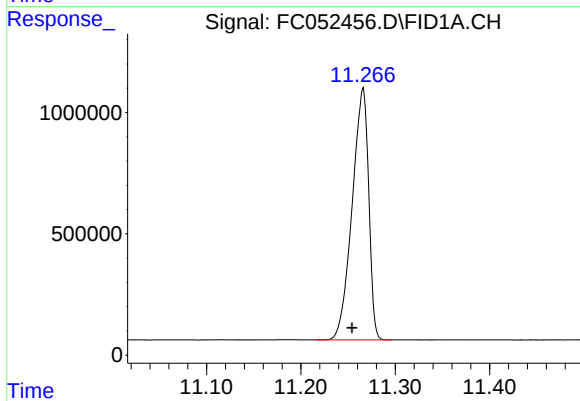
#6 n-Tetradecane (C14)

R.T.: 8.220 min
Delta R.T.: 0.008 min
Response: 12215015
Conc: 100.66 ug/ml



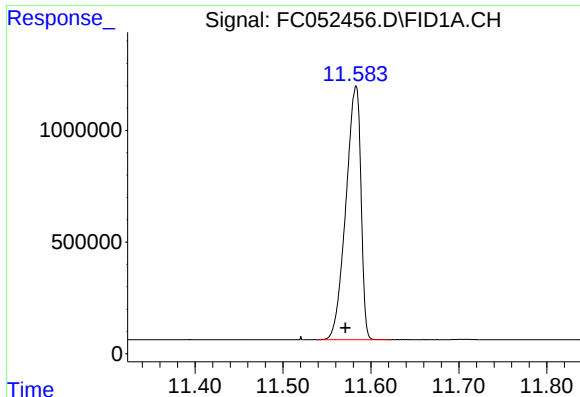
#7 n-Hexadecane (C16)

R.T.: 9.821 min
Delta R.T.: 0.008 min
Response: 12096070
Conc: 100.50 ug/ml



#8 n-Octadecane (C18)

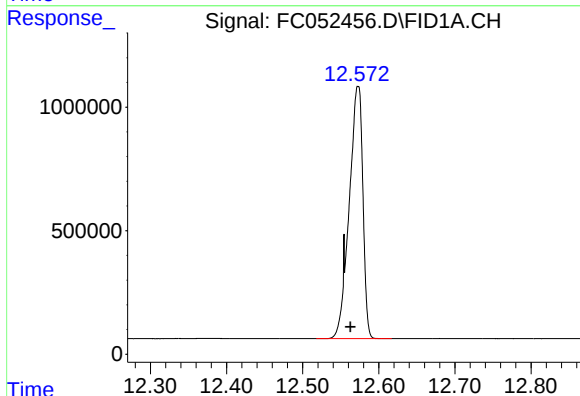
R.T.: 11.266 min
Delta R.T.: 0.012 min
Response: 12613912
Conc: 99.87 ug/ml



#9 ortho-Terphenyl (SURR)

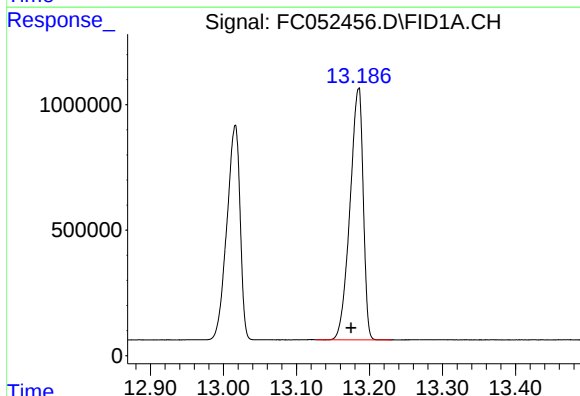
R.T.: 11.583 min
Delta R.T.: 0.012 min
Response: 13493274
Conc: 100.50 ug/ml

Instrument :
FID_C
ClientSampleId :



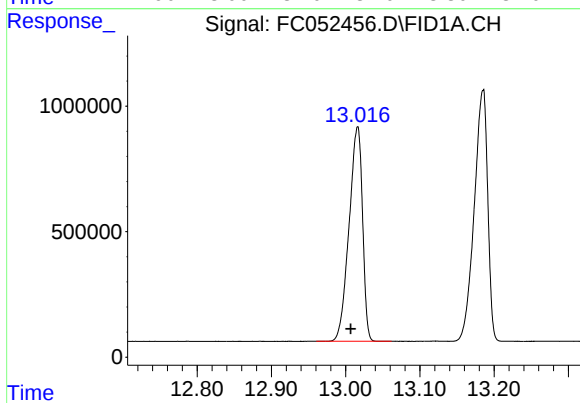
#10 n-Eicosane (C20)

R.T.: 12.573 min
Delta R.T.: 0.010 min
Response: 12807537
Conc: 100.37 ug/ml



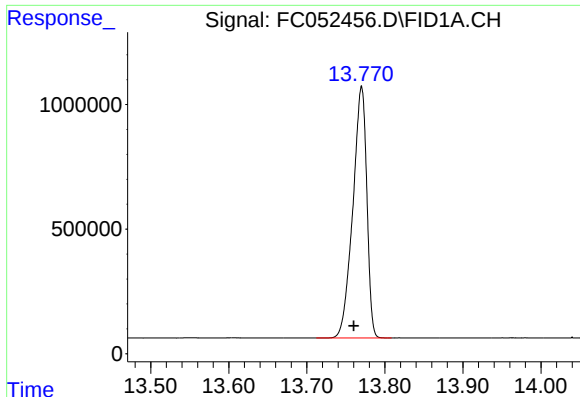
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: 0.010 min
Response: 12623339
Conc: 99.05 ug/ml



#12 1-chlorooctadecane (SURR)

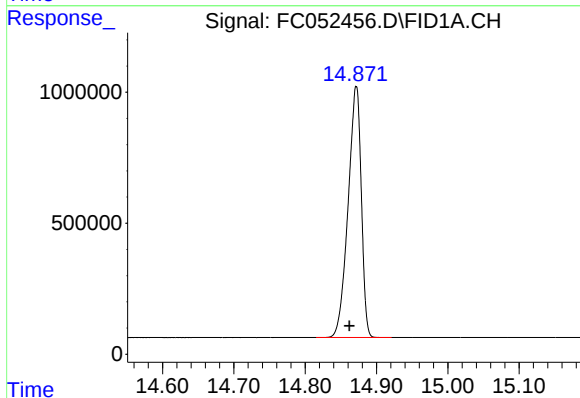
R.T.: 13.016 min
Delta R.T.: 0.009 min
Response: 10773967
Conc: 99.54 ug/ml



#13 n-Docosane (C22)

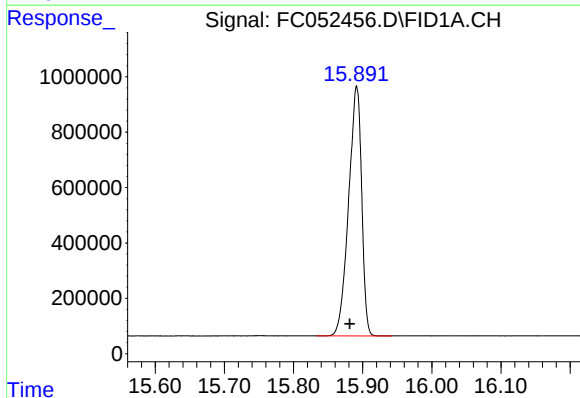
R.T.: 13.770 min
Delta R.T.: 0.010 min
Response: 12547976
Conc: 98.82 ug/ml

Instrument :
FID_C
ClientSampleId :



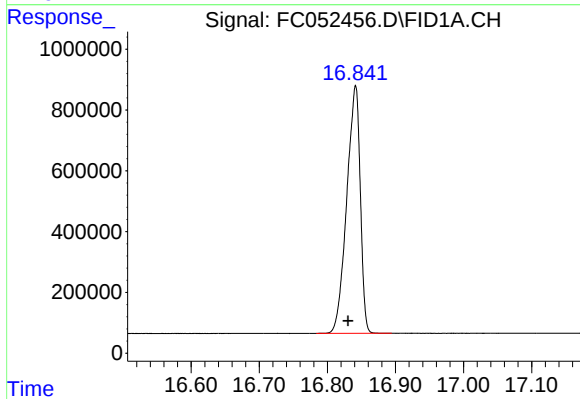
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: 0.010 min
Response: 12320679
Conc: 97.96 ug/ml



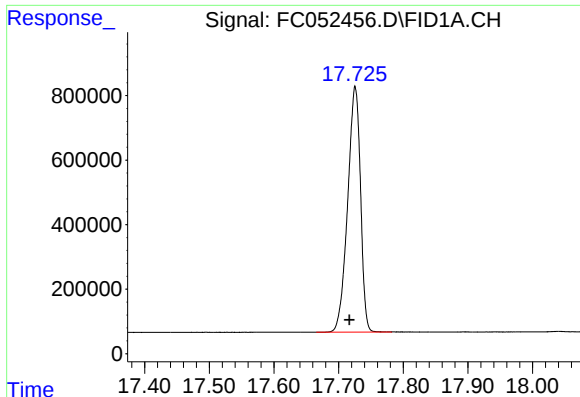
#15 n-Hexacosane (C26)

R.T.: 15.891 min
Delta R.T.: 0.010 min
Response: 11819124
Conc: 97.39 ug/ml



#16 n-Octacosane (C28)

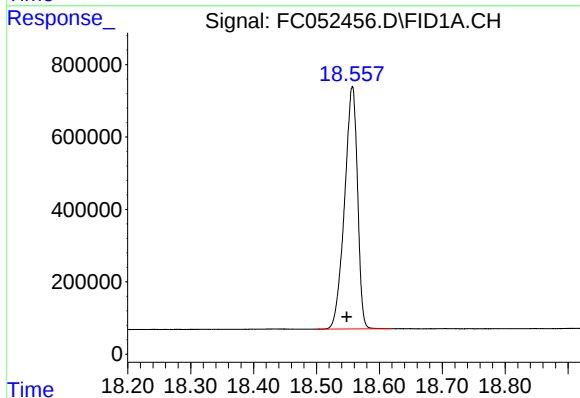
R.T.: 16.841 min
Delta R.T.: 0.011 min
Response: 11249621
Conc: 96.82 ug/ml



#17 n-Tricontane (C30)

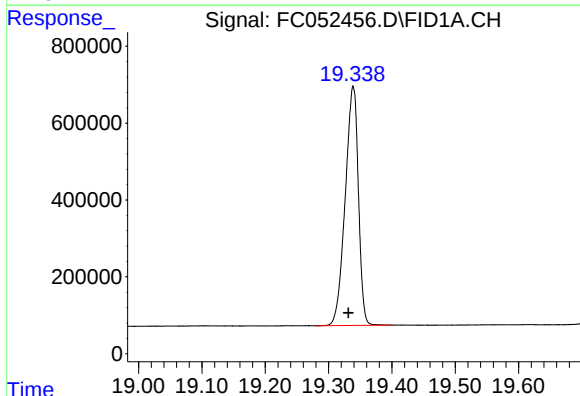
R.T.: 17.726 min
Delta R.T.: 0.009 min
Response: 10507080
Conc: 96.10 ug/ml

Instrument :
FID_C
ClientSampleId :



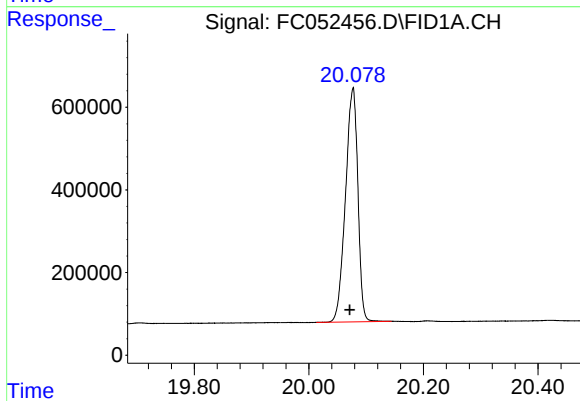
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: 0.009 min
Response: 9602373
Conc: 95.92 ug/ml



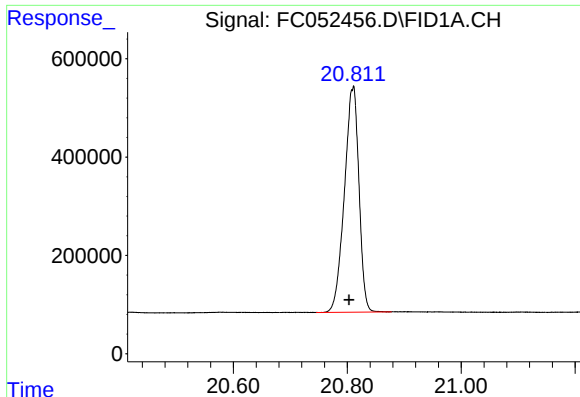
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: 0.008 min
Response: 8990068
Conc: 96.84 ug/ml



#20 n-Hexatriacontane (C36)

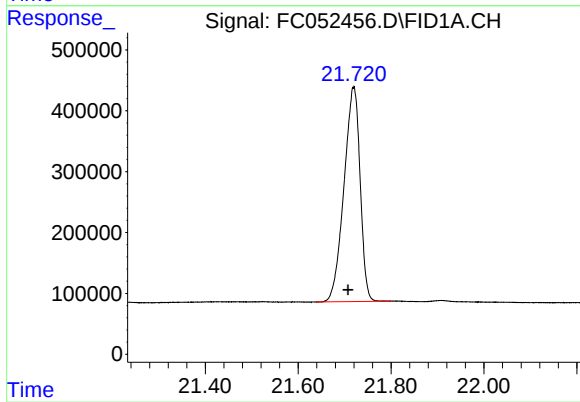
R.T.: 20.077 min
Delta R.T.: 0.005 min
Response: 8495398
Conc: 91.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: 0.008 min
Response: 8133149
Conc: 98.92 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.720 min
Delta R.T.: 0.012 min
Response: 8505472
Conc: 98.44 ug/ml