

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021521AL\
 Data File : FC052025.D
 Signal(s) : FID1A.CH
 Acq On : 15 Feb 2021 17:58
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Feb 16 08:57:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 08:47:53 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)	11.705	12180798	98.460 ug/ml
Spiked Amount 50.000		Recovery =	196.92%
12) S 1-chlorooctadecane (S...	13.133	9822581	98.258 ug/ml
Spiked Amount 50.000		Recovery =	196.52%
Target Compounds			
1) T n-Nonane (C9)	3.450	10583712	98.365 ug/ml
2) T n-Decane (C10)	4.521	10670447	98.236 ug/ml
3) T A~Naphthalene (C11.7)	6.115	11996490	98.459 ug/ml
4) T n-Dodecane (C12)	6.541	10849031	98.428 ug/ml
5) T A~2-methylnaphthalene...	7.174	12277755	98.754 ug/ml
6) T n-Tetradecane (C14)	8.336	10928139	98.626 ug/ml
7) T n-Hexadecane (C16)	9.937	10846355	98.528 ug/ml
8) T n-Octadecane (C18)	11.381	11344784	98.430 ug/ml
10) T n-Eicosane (C20)	12.688	11493971	98.167 ug/ml
11) T n-Heneicosane (C21)	13.301	11520222	98.090 ug/ml
13) T n-Docosane (C22)	13.887	11562086	97.986 ug/ml
14) T n-Tetracosane (C24)	14.989	11619823	97.587 ug/ml
15) T n-Hexacosane (C26)	16.010	11545567	97.244 ug/ml
16) T n-Octacosane (C28)	16.959	11513877	96.465 ug/ml
17) T n-Tricontane (C30)	17.847	11365084	95.207 ug/ml
18) T n-Dotriacontane (C32)	18.678	11034356	93.545 ug/ml
19) T n-Tetratriacontane (C34)	19.461	10798579	92.364 ug/ml
20) T n-Hexatriacontane (C36)	20.201	10281380	91.878 ug/ml
21) T n-Octatriacontane (C38)	20.958	9552317	90.825 ug/ml
22) T n-Tetracontane (C40)	21.908	9546907	91.383 ug/ml

(f)=RT Delta > 1/2 Window

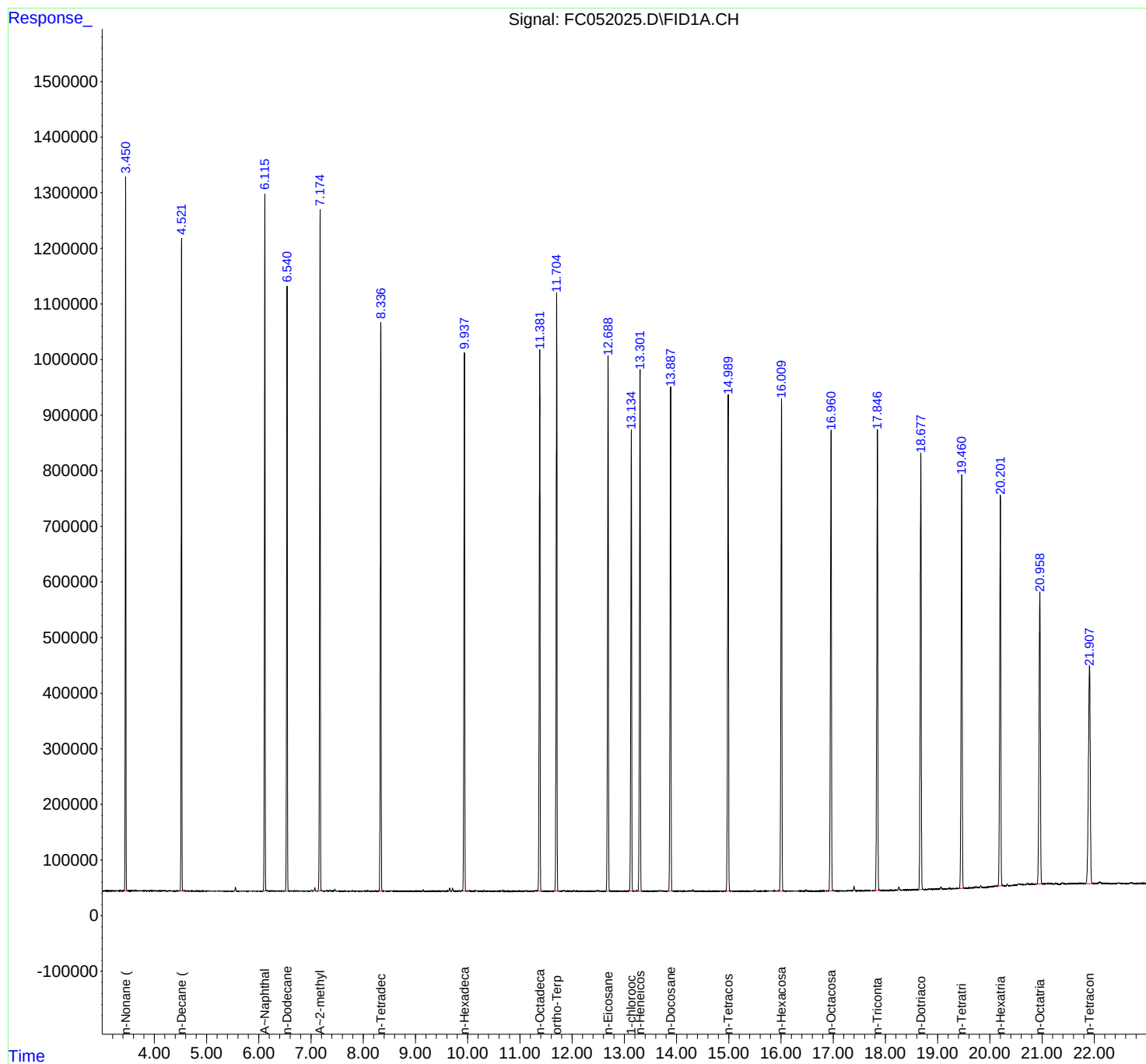
(m)=manual int.

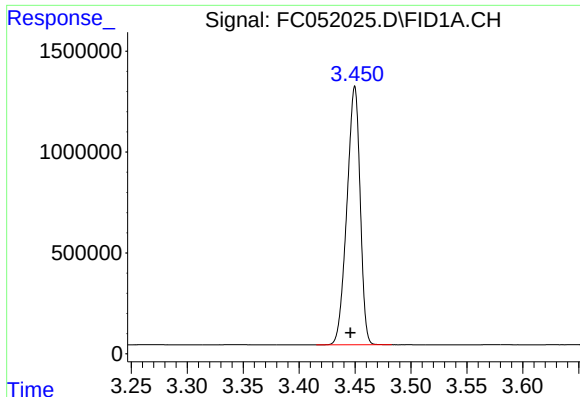
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021521AL\
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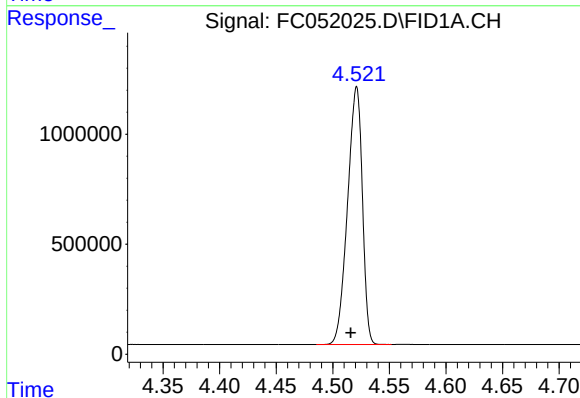




#1 n-Nonane (C9)

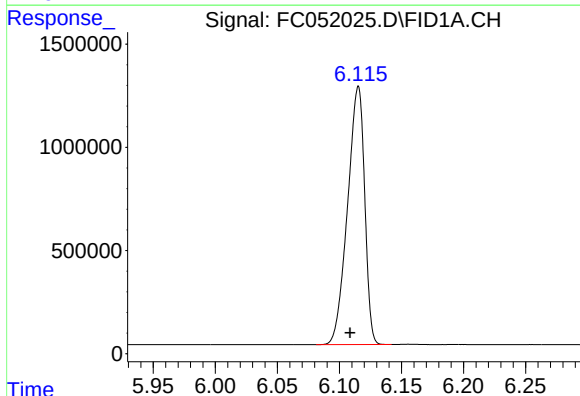
R.T.: 3.450 min
Delta R.T.: 0.004 min
Response: 10583712
Conc: 98.36 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



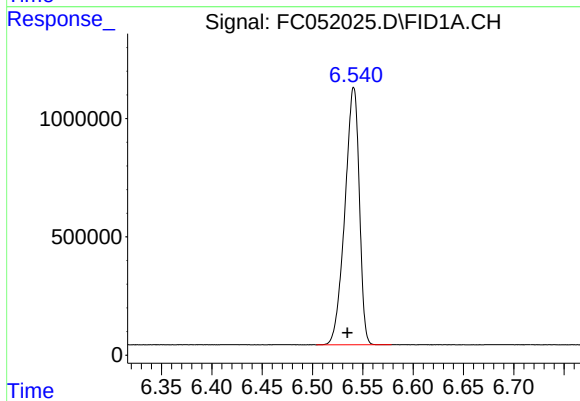
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.005 min
Response: 10670447
Conc: 98.24 ug/ml



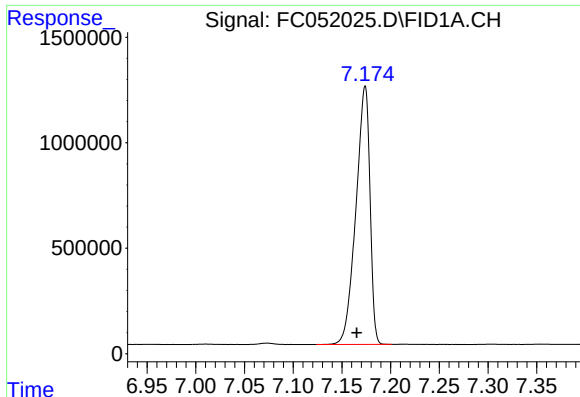
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: 0.006 min
Response: 11996490
Conc: 98.46 ug/ml



#4 n-Dodecane (C12)

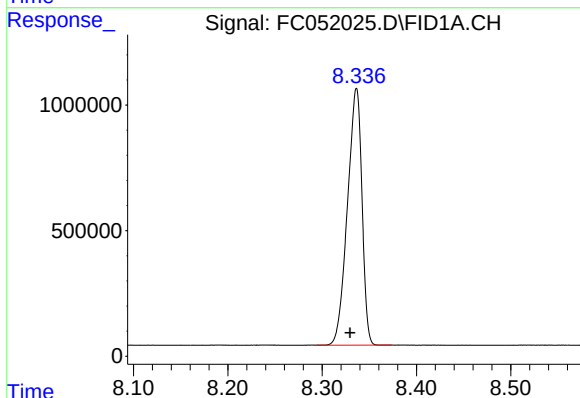
R.T.: 6.541 min
Delta R.T.: 0.006 min
Response: 10849031
Conc: 98.43 ug/ml



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

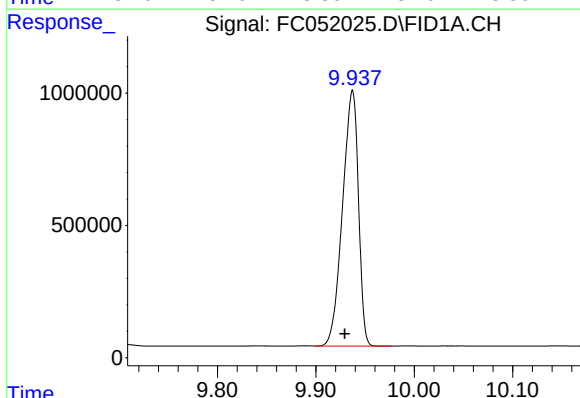
R.T.: 7.174 min
Delta R.T.: 0.009 min
Response: 12277755
Conc: 98.75 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



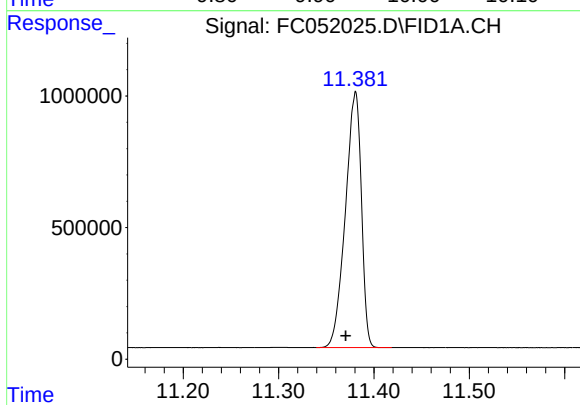
#6 n-Tetradecane (C14)

R.T.: 8.336 min
Delta R.T.: 0.007 min
Response: 10928139
Conc: 98.63 ug/ml



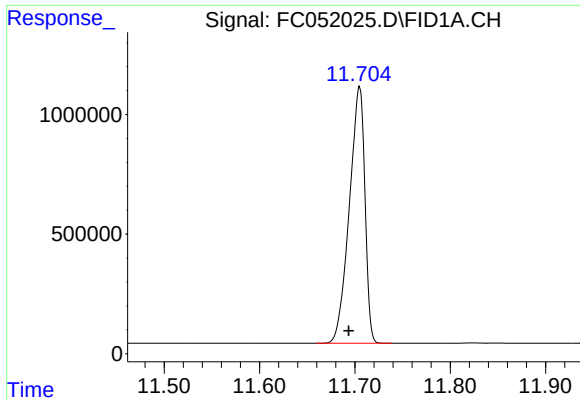
#7 n-Hexadecane (C16)

R.T.: 9.937 min
Delta R.T.: 0.008 min
Response: 10846355
Conc: 98.53 ug/ml



#8 n-Octadecane (C18)

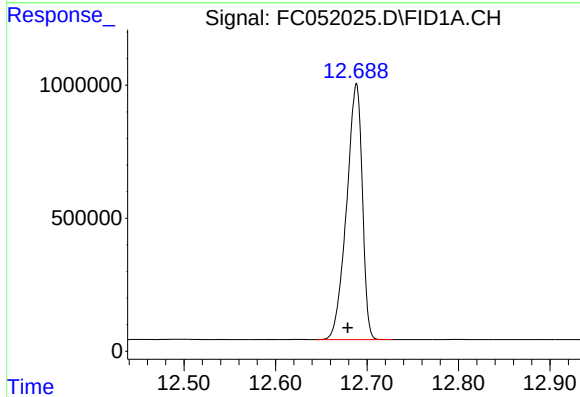
R.T.: 11.381 min
Delta R.T.: 0.010 min
Response: 11344784
Conc: 98.43 ug/ml



#9 ortho-Terphenyl (SURR)

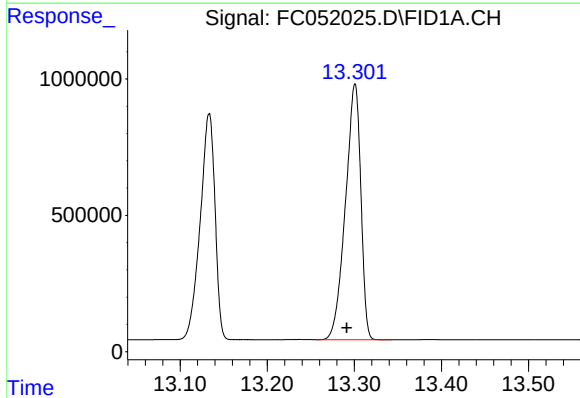
R.T.: 11.705 min
Delta R.T.: 0.011 min
Response: 12180798
Conc: 98.46 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



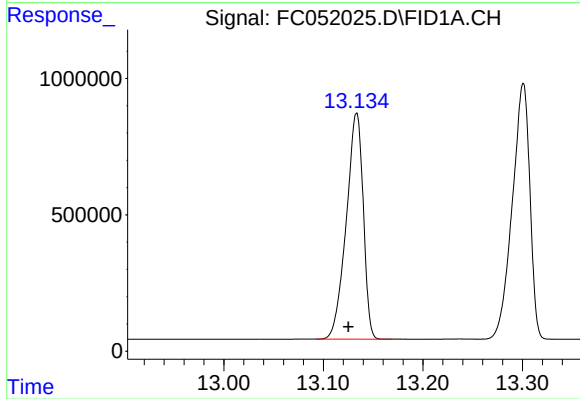
#10 n-Eicosane (C20)

R.T.: 12.688 min
Delta R.T.: 0.009 min
Response: 11493971
Conc: 98.17 ug/ml



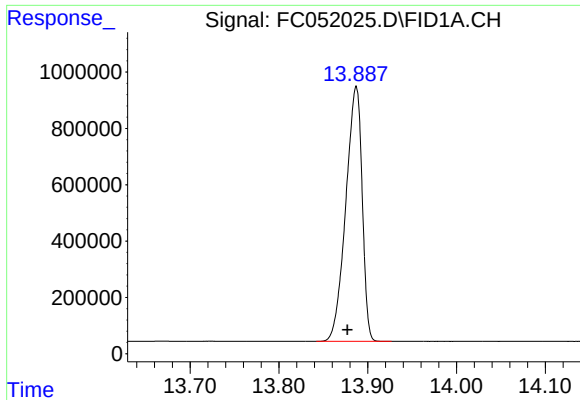
#11 n-Heneicosane (C21)

R.T.: 13.301 min
Delta R.T.: 0.009 min
Response: 11520222
Conc: 98.09 ug/ml



#12 1-chlorooctadecane (SURR)

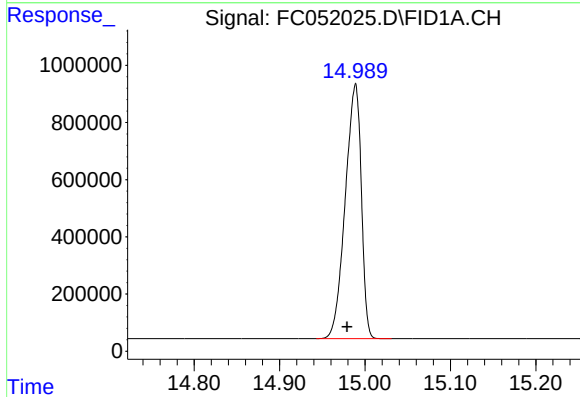
R.T.: 13.133 min
Delta R.T.: 0.008 min
Response: 9822581
Conc: 98.26 ug/ml



#13 n-Docosane (C22)

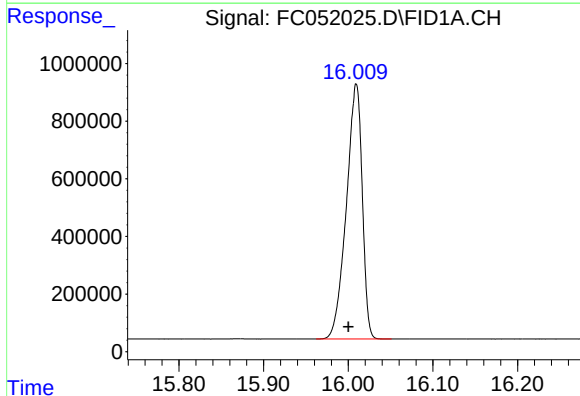
R.T.: 13.887 min
Delta R.T.: 0.010 min
Response: 11562086
Conc: 97.99 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



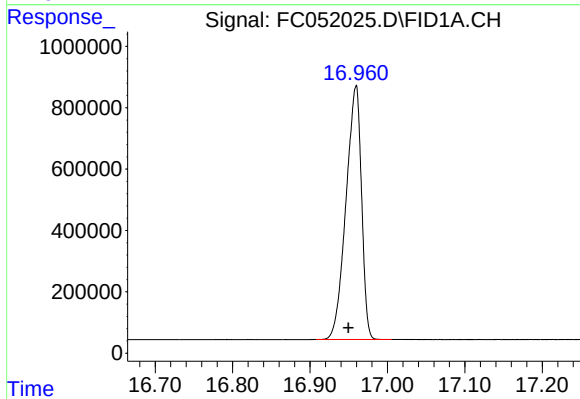
#14 n-Tetracosane (C24)

R.T.: 14.989 min
Delta R.T.: 0.010 min
Response: 11619823
Conc: 97.59 ug/ml



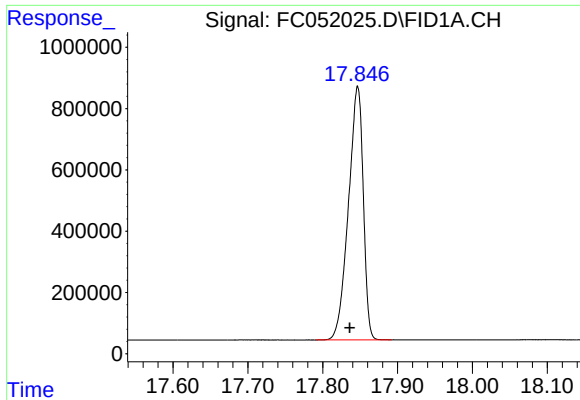
#15 n-Hexacosane (C26)

R.T.: 16.010 min
Delta R.T.: 0.009 min
Response: 11545567
Conc: 97.24 ug/ml



#16 n-Octacosane (C28)

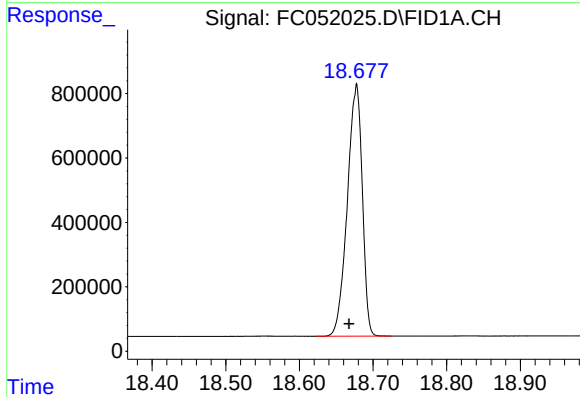
R.T.: 16.959 min
Delta R.T.: 0.010 min
Response: 11513877
Conc: 96.46 ug/ml



#17 n-Tricontane (C30)

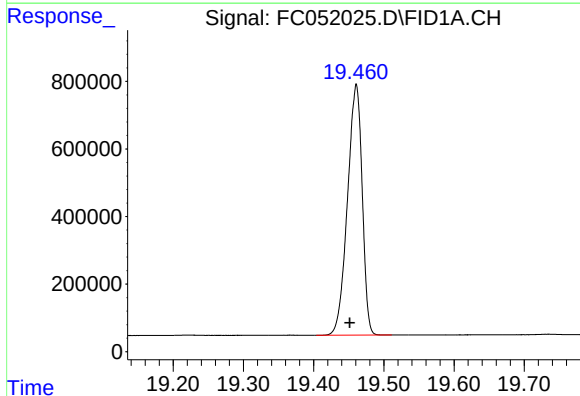
R.T.: 17.847 min
Delta R.T.: 0.010 min
Response: 11365084
Conc: 95.21 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



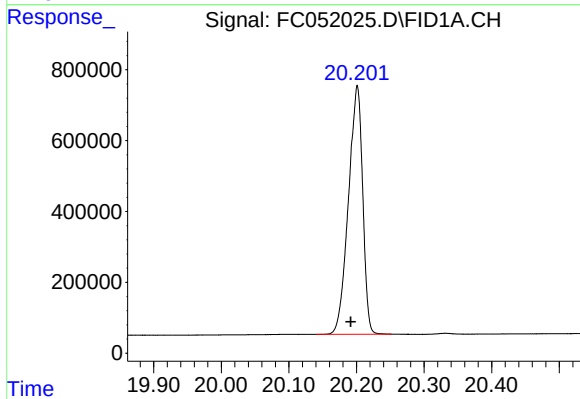
#18 n-Dotriacontane (C32)

R.T.: 18.678 min
Delta R.T.: 0.010 min
Response: 11034356
Conc: 93.55 ug/ml



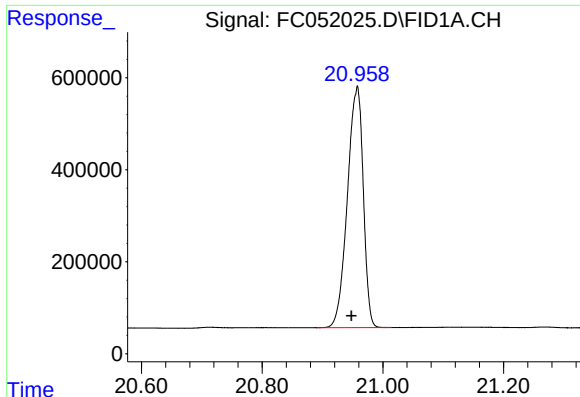
#19 n-Tetratriacontane (C34)

R.T.: 19.461 min
Delta R.T.: 0.009 min
Response: 10798579
Conc: 92.36 ug/ml



#20 n-Hexatriacontane (C36)

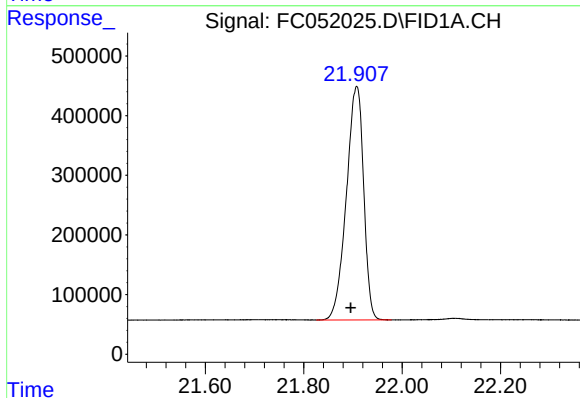
R.T.: 20.201 min
Delta R.T.: 0.010 min
Response: 10281380
Conc: 91.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.958 min
Delta R.T.: 0.010 min
Response: 9552317
Conc: 90.82 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: 0.012 min
Response: 9546907
Conc: 91.38 ug/ml