

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040821AL\
 Data File : FC053012.D
 Signal(s) : FID1A.CH
 Acq On : 08 Apr 2021 17:46
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Apr 09 01:34:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 Qlast Update : Fri Apr 09 01:34:15 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)	11.565	14501667	100.743 ug/ml
Spiked Amount 50.000		Recovery =	201.49%
12) S 1-chlorooctadecane (S...	13.001	11539933	100.002 ug/ml
Spiked Amount 50.000		Recovery =	200.00%
Target Compounds			
1) T n-Nonane (C9)	3.316	12541645	100.161 ug/ml
2) T n-Decane (C10)	4.383	12650607	100.570 ug/ml
3) T A~Naphthalene (C11.7)	5.969	14163295	101.576 ug/ml
4) T n-Dodecane (C12)	6.403	12914057	100.952 ug/ml
5) T A~2-methylnaphthalene...	7.028	14488864	102.228 ug/ml
6) T n-Tetradecane (C14)	8.201	13006353	101.290 ug/ml
7) T n-Hexadecane (C16)	9.803	12934497	101.441 ug/ml
8) T n-Octadecane (C18)	11.248	13579591	100.738 ug/ml
10) T n-Eicosane (C20)	12.557	13710833	100.074 ug/ml
11) T n-Heneicosane (C21)	13.169	13682930	99.709 ug/ml
13) T n-Docosane (C22)	13.755	13684402	99.375 ug/ml
14) T n-Tetracosane (C24)	14.858	13598235	98.548 ug/ml
15) T n-Hexacosane (C26)	15.879	13311311	97.926 ug/ml
16) T n-Octacosane (C28)	16.829	13017319	97.243 ug/ml
17) T n-Tricontane (C30)	17.715	12522423	97.268 ug/ml
18) T n-Dotriacontane (C32)	18.547	11750072	97.945 ug/ml
19) T n-Tetratriacontane (C34)	19.330	11085682	99.491 ug/ml
20) T n-Hexatriacontane (C36)	20.068	10146632	98.662 ug/ml
21) T n-Octatriacontane (C38)	20.799	9121453	101.411 ug/ml
22) T n-Tetracontane (C40)	21.700	8312060	104.713 ug/ml

(f)=RT Delta > 1/2 Window

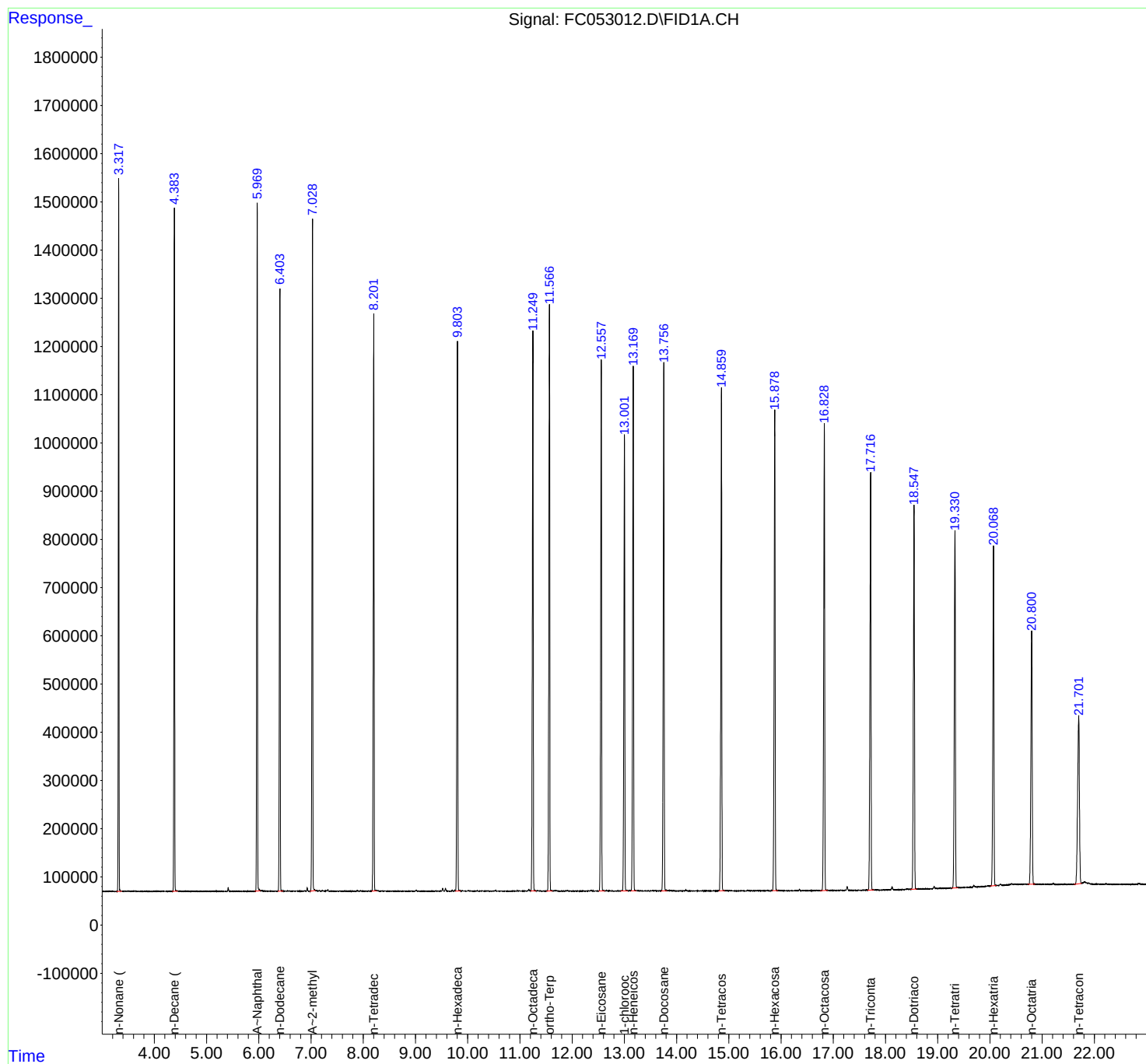
(m)=manual int.

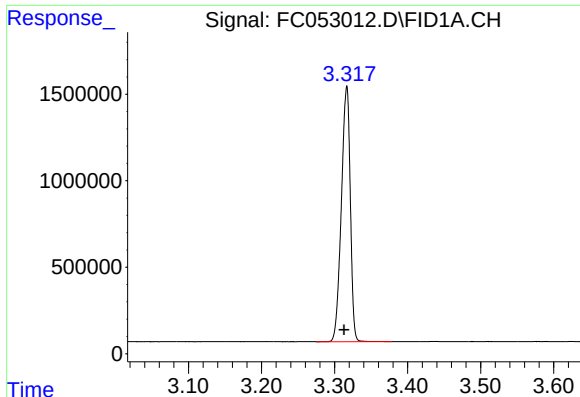
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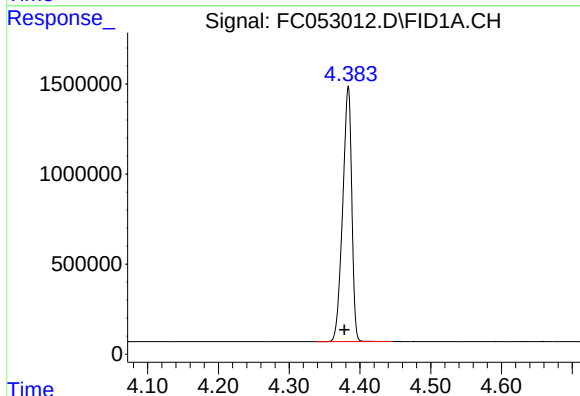




#1 n-Nonane (C9)

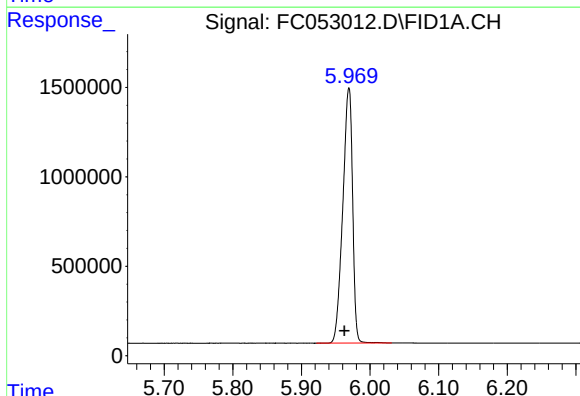
R.T.: 3.316 min
Delta R.T.: 0.003 min
Response: 12541645
Conc: 100.16 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



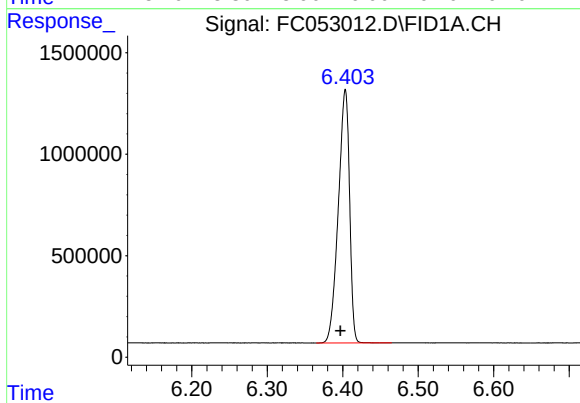
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.005 min
Response: 12650607
Conc: 100.57 ug/ml



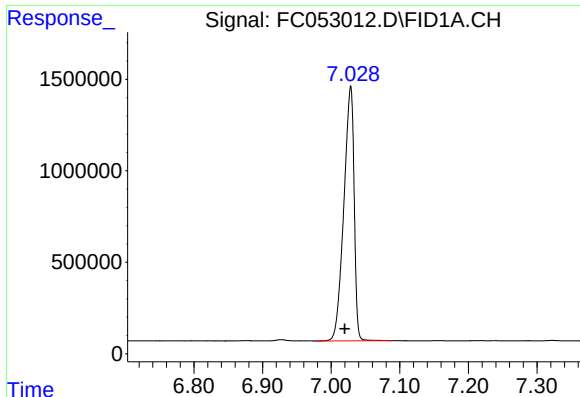
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: 0.006 min
Response: 14163295
Conc: 101.58 ug/ml



#4 n-Dodecane (C12)

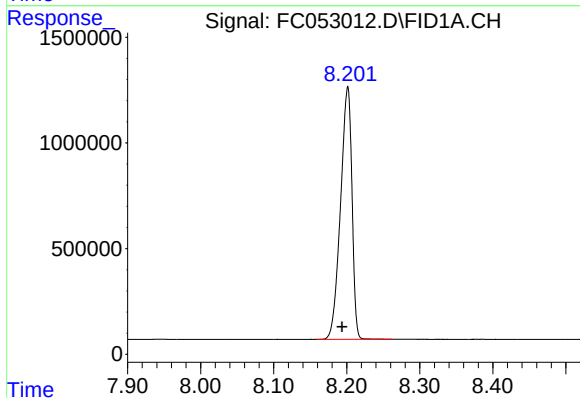
R.T.: 6.403 min
Delta R.T.: 0.006 min
Response: 12914057
Conc: 100.95 ug/ml



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

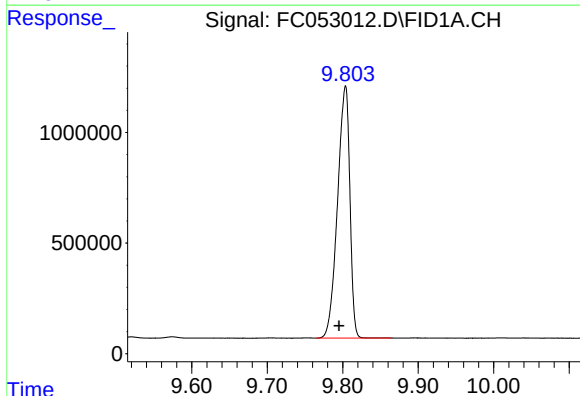
R.T.: 7.028 min
Delta R.T.: 0.008 min
Response: 14488864
Conc: 102.23 ug/ml

Instrument :
FID_C
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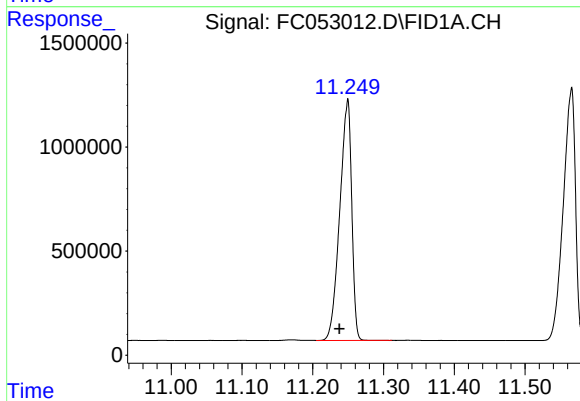
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: 0.007 min
Response: 13006353
Conc: 101.29 ug/ml



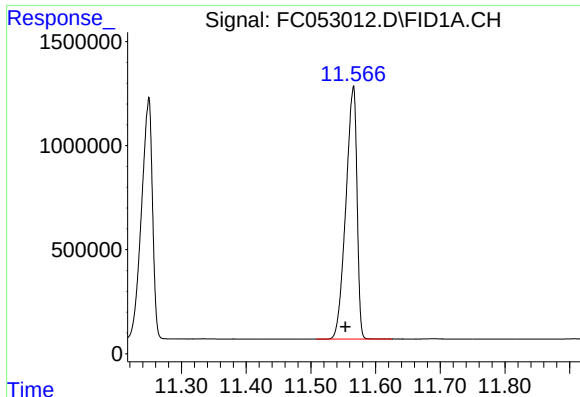
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: 0.008 min
Response: 12934497
Conc: 101.44 ug/ml



#8 n-Octadecane (C18)

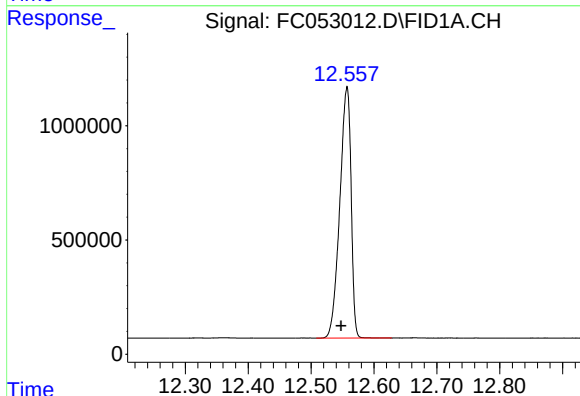
R.T.: 11.248 min
Delta R.T.: 0.011 min
Response: 13579591
Conc: 100.74 ug/ml



#9 ortho-Terphenyl (SURR)

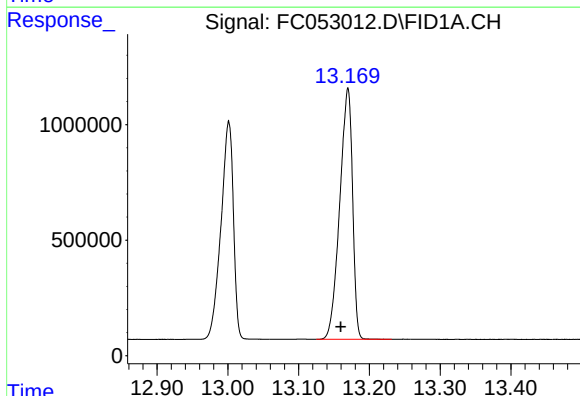
R.T.: 11.565 min
Delta R.T.: 0.011 min
Response: 14501667
Conc: 100.74 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



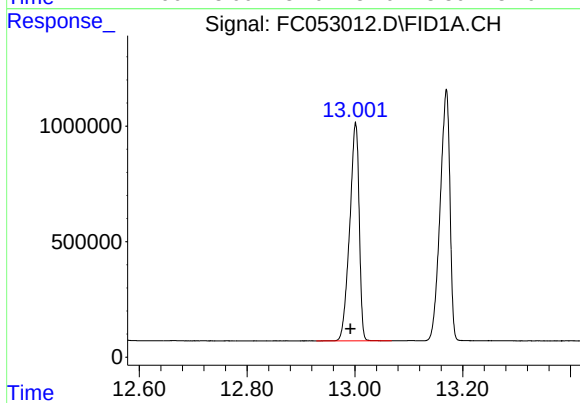
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: 0.009 min
Response: 13710833
Conc: 100.07 ug/ml



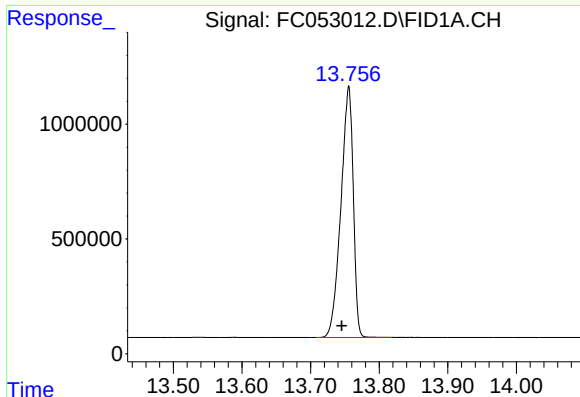
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: 0.010 min
Response: 13682930
Conc: 99.71 ug/ml



#12 1-chlorooctadecane (SURR)

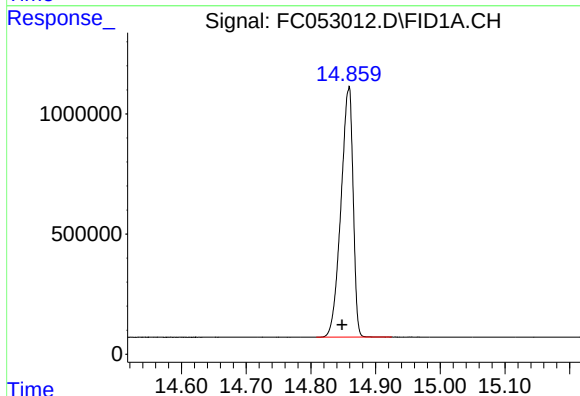
R.T.: 13.001 min
Delta R.T.: 0.009 min
Response: 11539933
Conc: 100.00 ug/ml



#13 n-Docosane (C22)

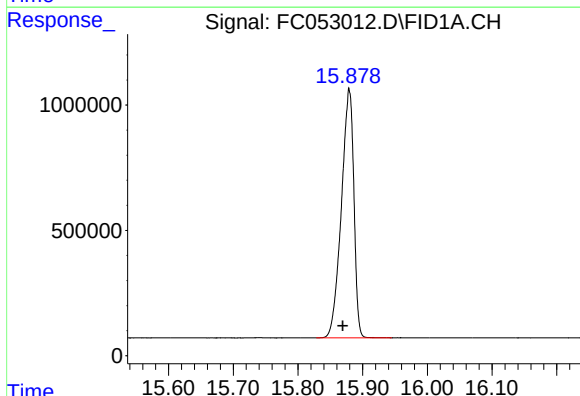
R.T.: 13.755 min
Delta R.T.: 0.009 min
Response: 13684402
Conc: 99.38 ug/ml

Instrument :
FID_C
ClientSampleId :
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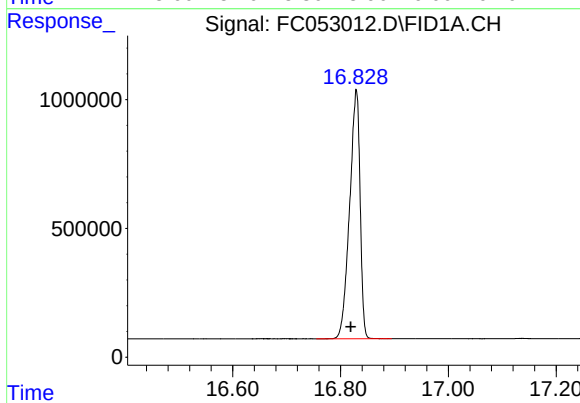
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: 0.010 min
Response: 13598235
Conc: 98.55 ug/ml



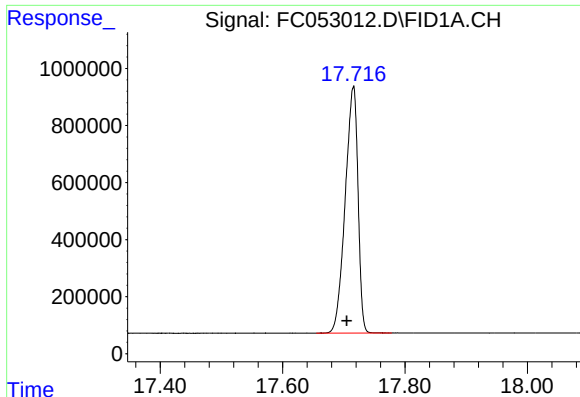
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: 0.009 min
Response: 13311311
Conc: 97.93 ug/ml



#16 n-Octacosane (C28)

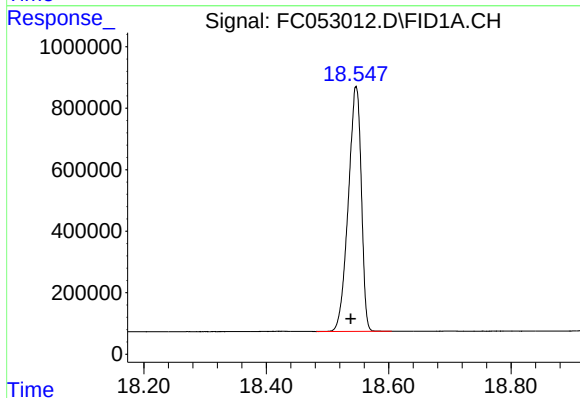
R.T.: 16.829 min
Delta R.T.: 0.010 min
Response: 13017319
Conc: 97.24 ug/ml



#17 n-Tricontane (C30)

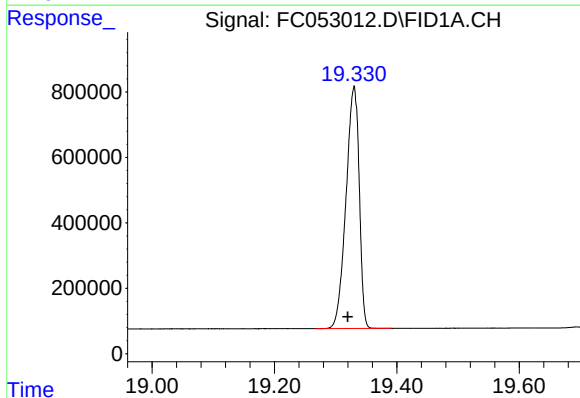
R.T.: 17.715 min
Delta R.T.: 0.010 min
Response: 12522423
Conc: 97.27 ug/ml

Instrument :
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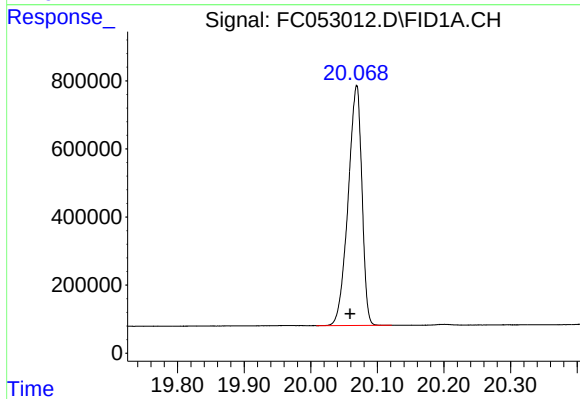
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: 0.009 min
Response: 11750072
Conc: 97.95 ug/ml



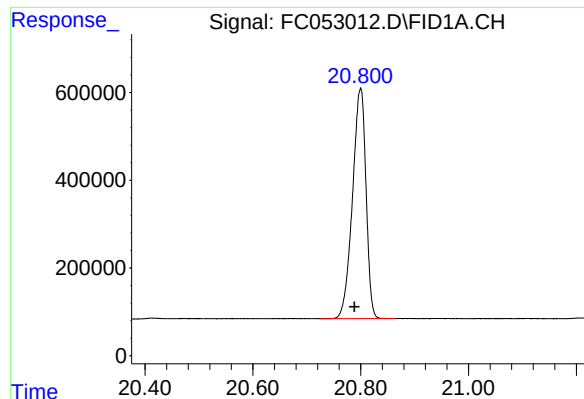
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: 0.010 min
Response: 11085682
Conc: 99.49 ug/ml



#20 n-Hexatriacontane (C36)

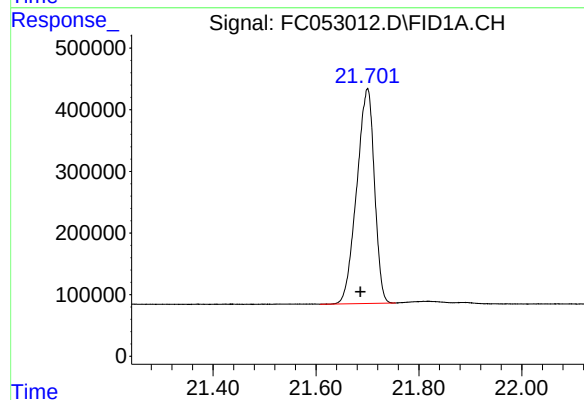
R.T.: 20.068 min
Delta R.T.: 0.009 min
Response: 10146632
Conc: 98.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.011 min
Response: 9121453
Conc: 101.41 ug/ml

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FID_C
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100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: 0.014 min
Response: 8312060
Conc: 104.71 ug/ml