

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060920AL\
 Data File : FC047783.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jun 2020 17:55
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 10 04:17:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 04:16:56 2020
 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)	11.734	6243798	50.413 ug/ml
Spiked Amount 50.000		Recovery =	100.83%
12) S 1-chlorooctadecane (S...	13.146	5129823	50.465 ug/ml
Spiked Amount 50.000		Recovery =	100.93%
Target Compounds			
1) T n-Nonane (C9)	3.543	5365857	51.456 ug/ml
2) T n-Decane (C10)	4.606	5421772	51.692 ug/ml
3) T A~Naphthalene (C11.7)	6.202	5835611	55.918 ug/ml
4) T n-Dodecane (C12)	6.607	5561306	51.203 ug/ml
5) T A~2-methylnaphthalene...	7.250	5938112	55.770 ug/ml
6) T n-Tetradecane (C14)	8.384	5583905	51.112 ug/ml
7) T n-Hexadecane (C16)	9.972	5555451	51.078 ug/ml
8) T n-Octadecane (C18)	11.403	5826413	50.541 ug/ml
10) T n-Eicosane (C20)	12.701	5898703	50.239 ug/ml
11) T n-Heneicosane (C21)	13.308	5902118	49.924 ug/ml
13) T n-Docosane (C22)	13.890	5920361	50.109 ug/ml
14) T n-Tetracosane (C24)	14.985	5924730	49.911 ug/ml
15) T n-Hexacosane (C26)	16.000	5852073	49.654 ug/ml
16) T n-Octacosane (C28)	16.945	5780626	49.330 ug/ml
17) T n-Tricontane (C30)	17.827	5531374	49.034 ug/ml
18) T n-Dotriacontane (C32)	18.654	4978947	48.762 ug/ml
19) T n-Tetratriacontane (C34)	19.431	4614530	48.776 ug/ml
20) T n-Hexatriacontane (C36)	20.166	4330657	48.868 ug/ml
21) T n-Octatriacontane (C38)	20.916	4037181	48.835 ug/ml
22) T n-Tetracontane (C40)	21.857	4068291	49.591 ug/ml

(f)=RT Delta > 1/2 Window

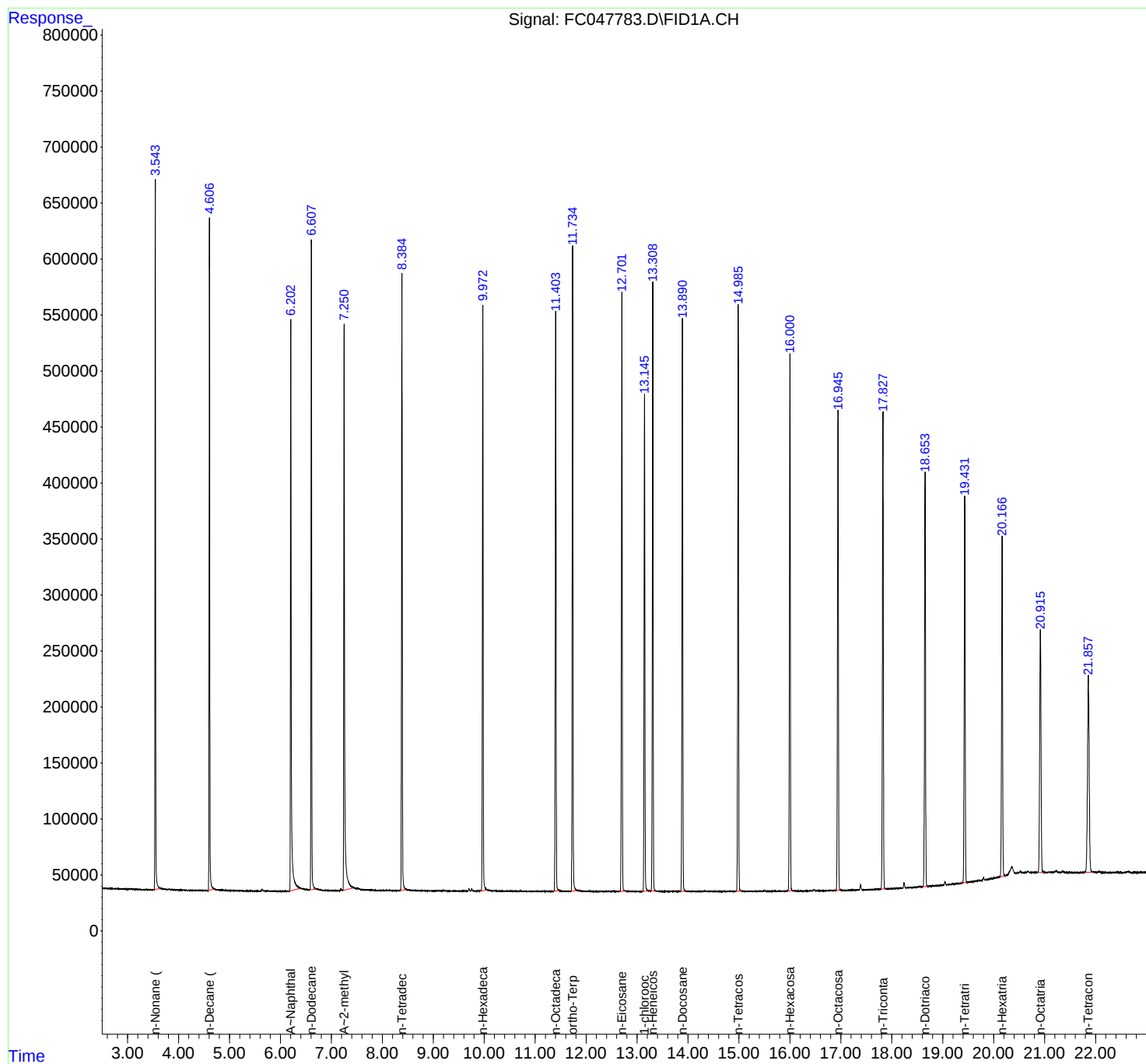
(m)=manual int.

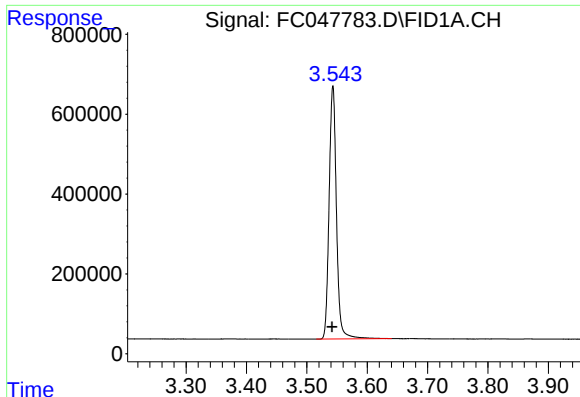
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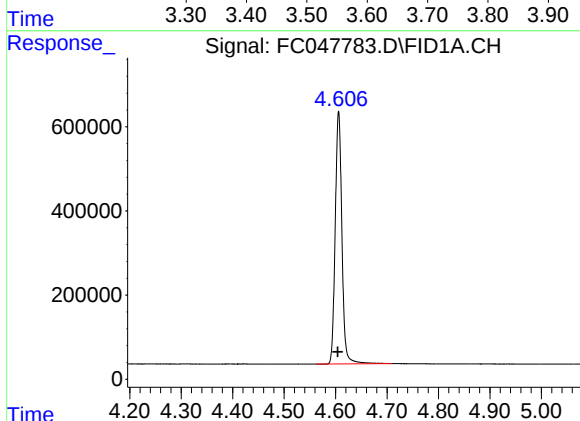




#1 n-Nonane (C9)

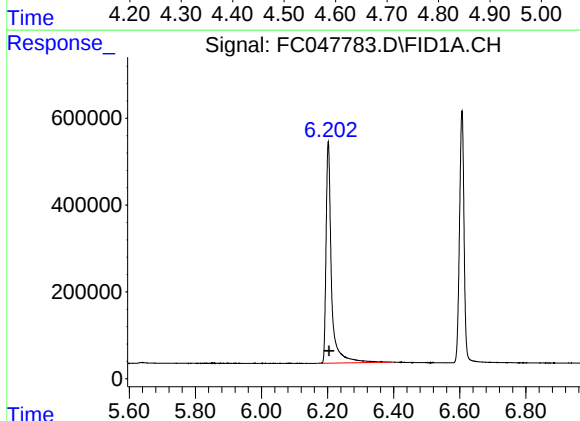
R.T.: 3.543 min
Delta R.T.: 0.001 min
Response: 5365857
Conc: 51.46 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



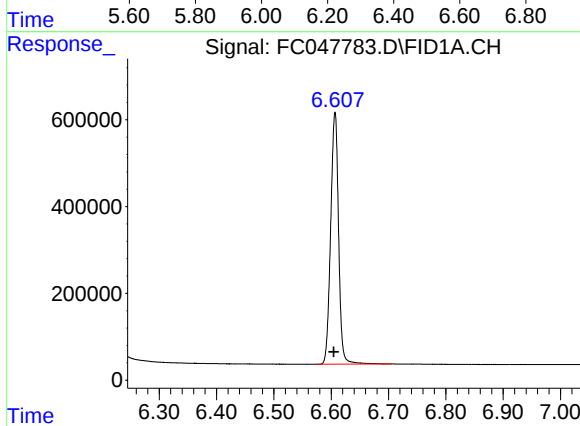
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.002 min
Response: 5421772
Conc: 51.69 ug/ml



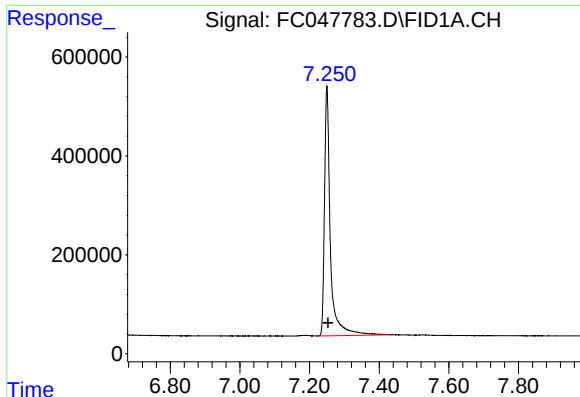
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 5835611
Conc: 55.92 ug/ml



#4 n-Dodecane (C12)

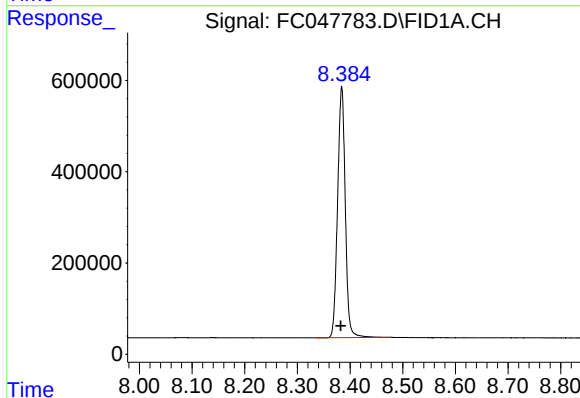
R.T.: 6.607 min
Delta R.T.: 0.002 min
Response: 5561306
Conc: 51.20 ug/ml



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

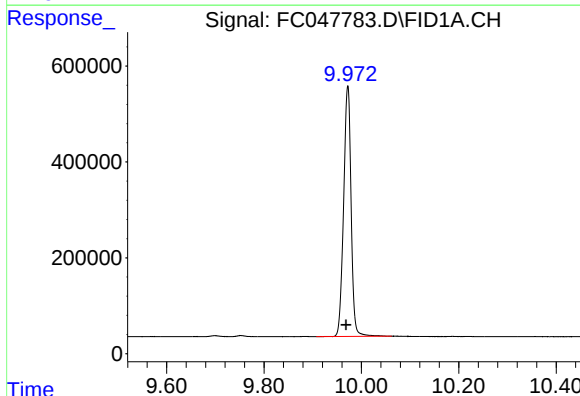
R.T.: 7.250 min
Delta R.T.: -0.003 min
Response: 5938112
Conc: 55.77 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



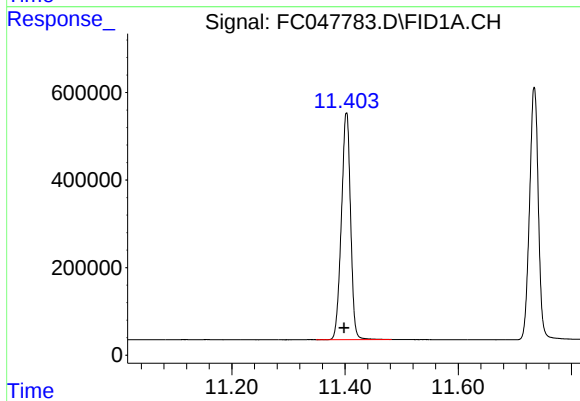
#6 n-Tetradecane (C14)

R.T.: 8.384 min
Delta R.T.: 0.002 min
Response: 5583905
Conc: 51.11 ug/ml



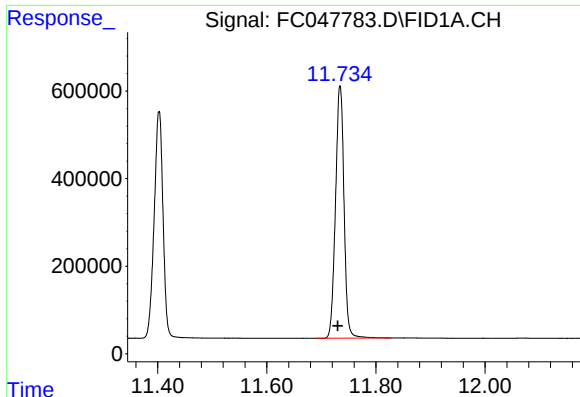
#7 n-Hexadecane (C16)

R.T.: 9.972 min
Delta R.T.: 0.003 min
Response: 5555451
Conc: 51.08 ug/ml



#8 n-Octadecane (C18)

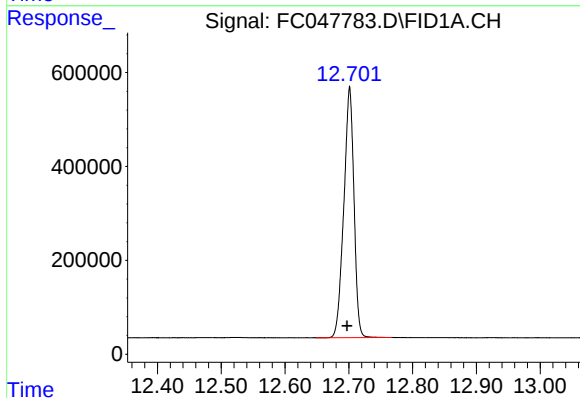
R.T.: 11.403 min
Delta R.T.: 0.004 min
Response: 5826413
Conc: 50.54 ug/ml



#9 ortho-Terphenyl (SURR)

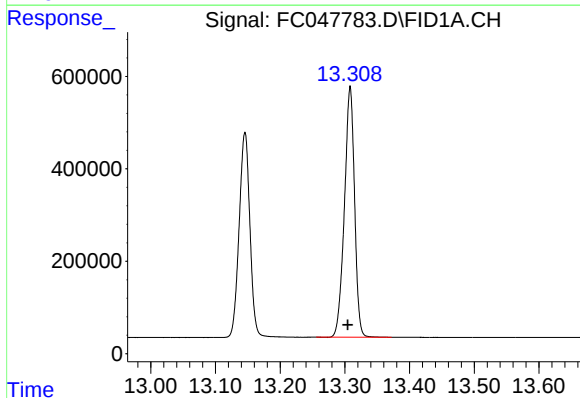
R.T.: 11.734 min
Delta R.T.: 0.004 min
Response: 6243798
Conc: 50.41 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



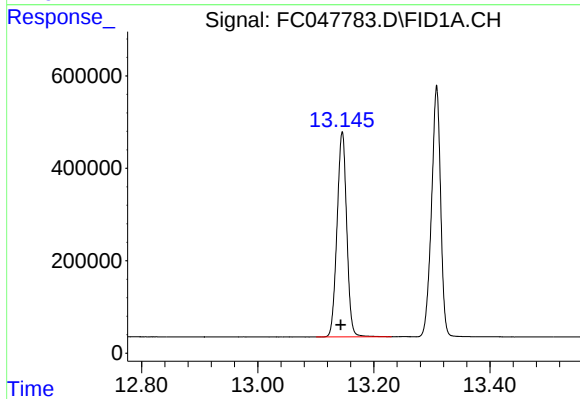
#10 n-Eicosane (C20)

R.T.: 12.701 min
Delta R.T.: 0.004 min
Response: 5898703
Conc: 50.24 ug/ml



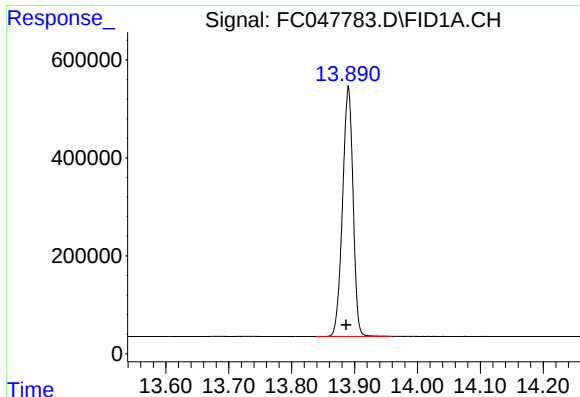
#11 n-Heneicosane (C21)

R.T.: 13.308 min
Delta R.T.: 0.004 min
Response: 5902118
Conc: 49.92 ug/ml



#12 1-chlorooctadecane (SURR)

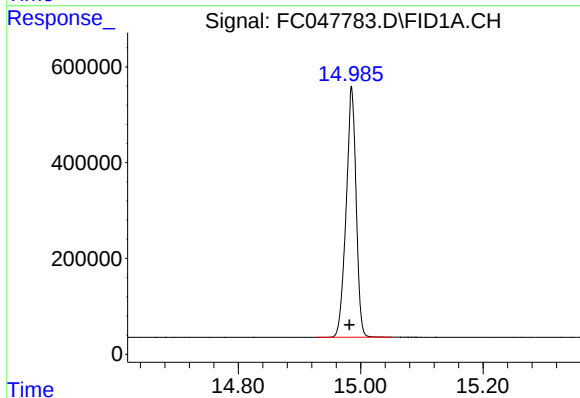
R.T.: 13.146 min
Delta R.T.: 0.003 min
Response: 5129823
Conc: 50.47 ug/ml



#13 n-Docosane (C22)

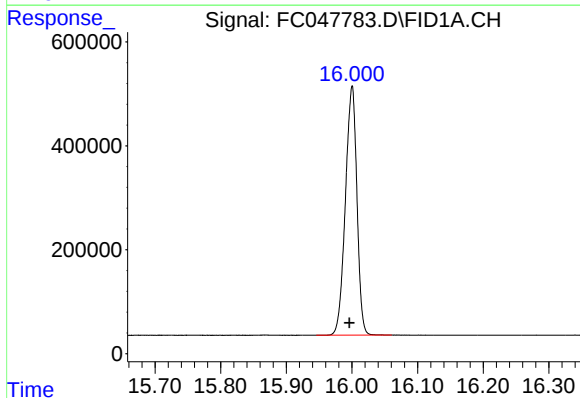
R.T.: 13.890 min
Delta R.T.: 0.004 min
Response: 5920361
Conc: 50.11 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



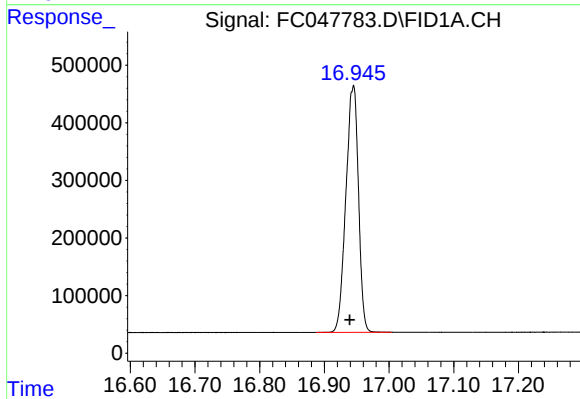
#14 n-Tetracosane (C24)

R.T.: 14.985 min
Delta R.T.: 0.003 min
Response: 5924730
Conc: 49.91 ug/ml



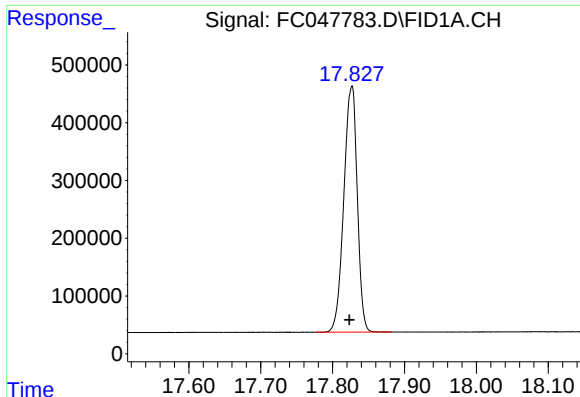
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: 0.004 min
Response: 5852073
Conc: 49.65 ug/ml



#16 n-Octacosane (C28)

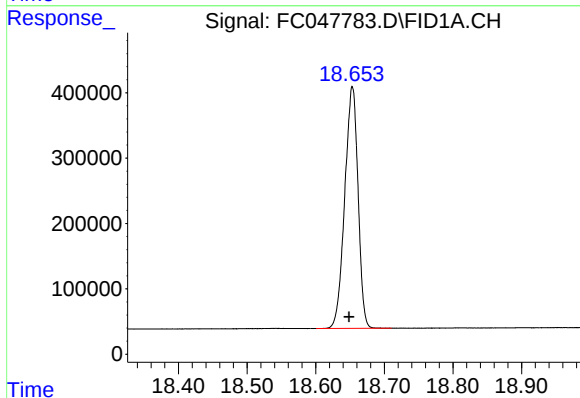
R.T.: 16.945 min
Delta R.T.: 0.006 min
Response: 5780626
Conc: 49.33 ug/ml



#17 n-Tricontane (C30)

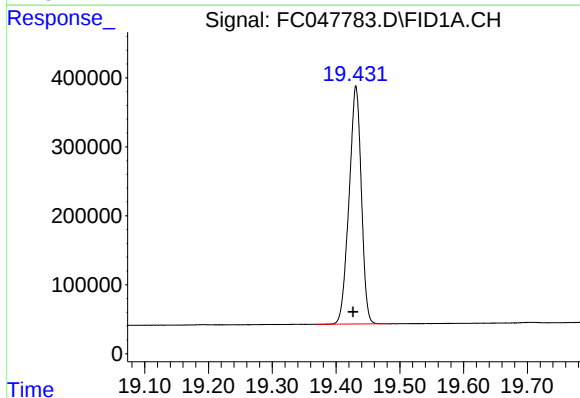
R.T.: 17.827 min
Delta R.T.: 0.003 min
Response: 5531374
Conc: 49.03 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



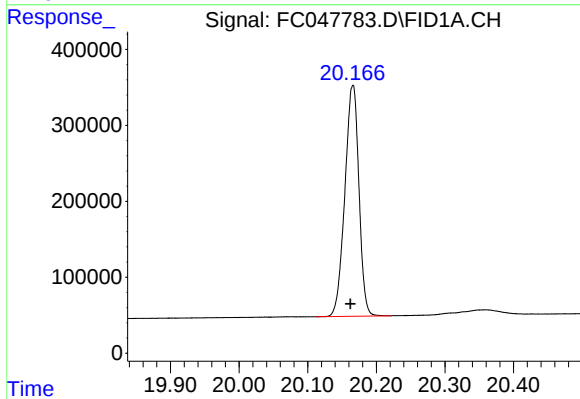
#18 n-Dotriacontane (C32)

R.T.: 18.654 min
Delta R.T.: 0.005 min
Response: 4978947
Conc: 48.76 ug/ml



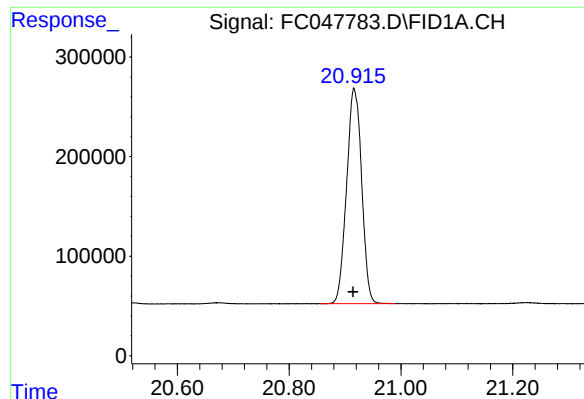
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min
Delta R.T.: 0.005 min
Response: 4614530
Conc: 48.78 ug/ml



#20 n-Hexatriacontane (C36)

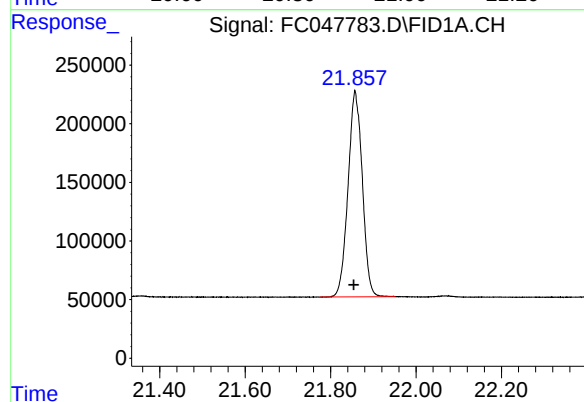
R.T.: 20.166 min
Delta R.T.: 0.003 min
Response: 4330657
Conc: 48.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.916 min
Delta R.T.: 0.002 min
Response: 4037181
Conc: 48.83 ug/ml

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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.857 min
Delta R.T.: 0.003 min
Response: 4068291
Conc: 49.59 ug/ml