

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
 Data File : FC063296.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2023 04:00
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 05 06:19:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 06:14:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.531	7415608	49.980 ug/ml
Spiked Amount 50.000		Recovery =	99.96%
12) S 1-chlorooctadecane (S...	12.969	5547199	50.212 ug/ml
Spiked Amount 50.000		Recovery =	100.42%
Target Compounds			
1) T n-Nonane (C9)	3.301	6936893	50.341 ug/ml
2) T n-Decane (C10)	4.367	6788718	50.268 ug/ml
3) T A~Naphthalene (C11.7)	5.949	7681374	50.524 ug/ml
4) T n-Dodecane (C12)	6.385	6744311	50.233 ug/ml
5) T A~2-methylnaphthalene...	7.006	7120553	50.486 ug/ml
6) T n-Tetradecane (C14)	8.179	6720078	50.152 ug/ml
7) T n-Hexadecane (C16)	9.779	6755452	50.120 ug/ml
8) T n-Octadecane (C18)	11.218	6793513	50.061 ug/ml
10) T n-Eicosane (C20)	12.526	6567381	50.047 ug/ml
11) T n-Heneicosane (C21)	13.137	6576891	50.025 ug/ml
13) T n-Docosane (C22)	13.723	6558396	50.213 ug/ml
14) T n-Tetracosane (C24)	14.823	6670718	50.586 ug/ml
15) T n-Hexacosane (C26)	15.843	6653491	50.756 ug/ml
16) T n-Octacosane (C28)	16.788	6725260	50.953 ug/ml
17) T n-Tricontane (C30)	17.675	6785167	50.952 ug/ml
18) T n-Dotriacontane (C32)	18.505	6834046	50.692 ug/ml
19) T n-Tetratriacontane (C34)	19.285	6642853	50.262 ug/ml
20) T n-Hexatriacontane (C36)	20.022	6208391	50.105 ug/ml
21) T n-Octatriacontane (C38)	20.748	6087567	50.244 ug/ml
22) T n-Tetracontane (C40)	21.642	5893282	50.441 ug/ml

(f)=RT Delta > 1/2 Window

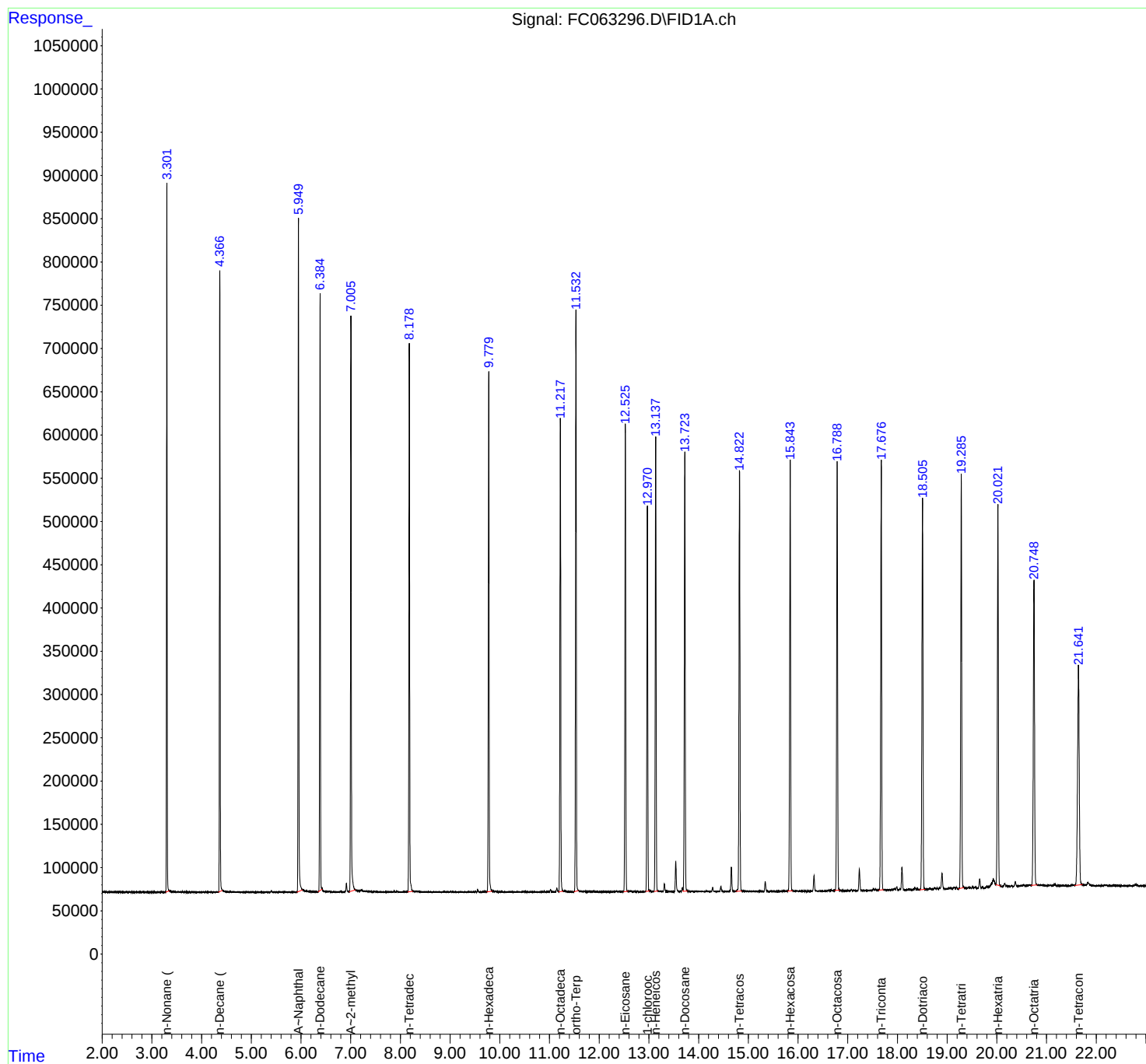
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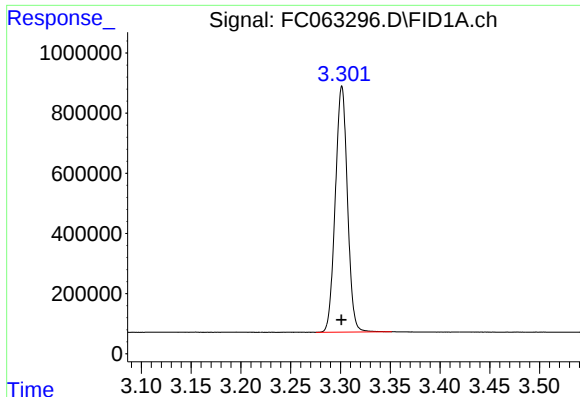
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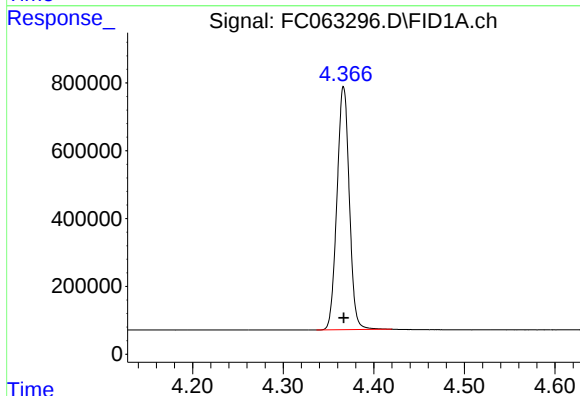




#1 n-Nonane (C9)

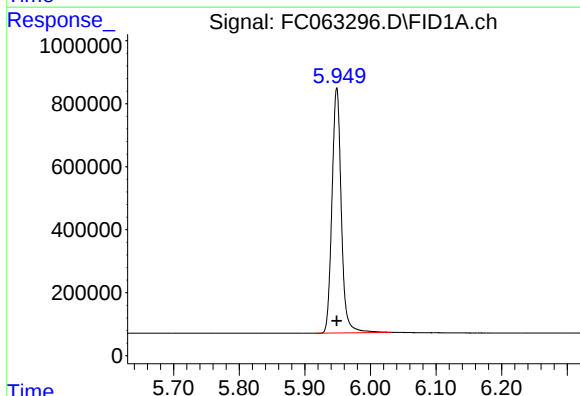
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 6936893
Conc: 50.34 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



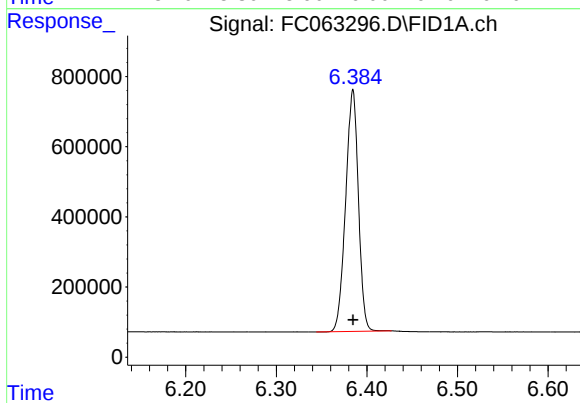
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 6788718
Conc: 50.27 ug/ml



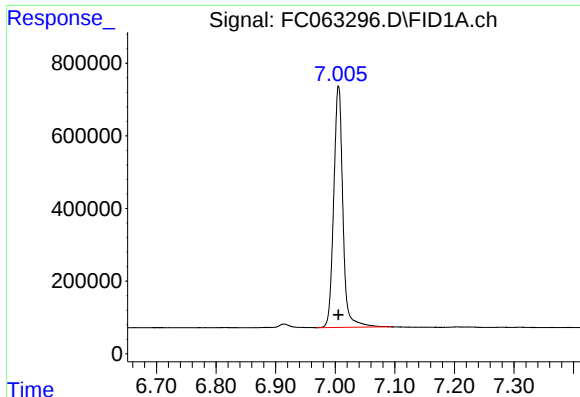
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 7681374
Conc: 50.52 ug/ml



#4 n-Dodecane (C12)

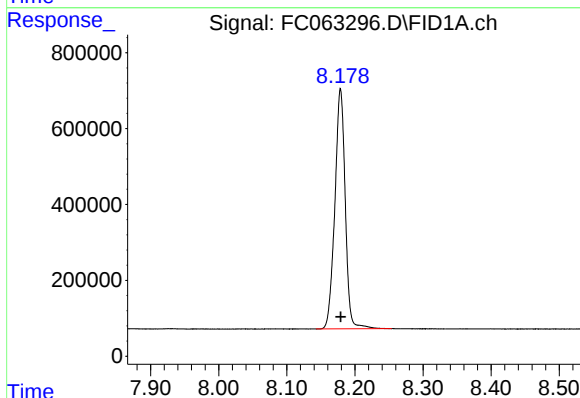
R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 6744311
Conc: 50.23 ug/ml



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

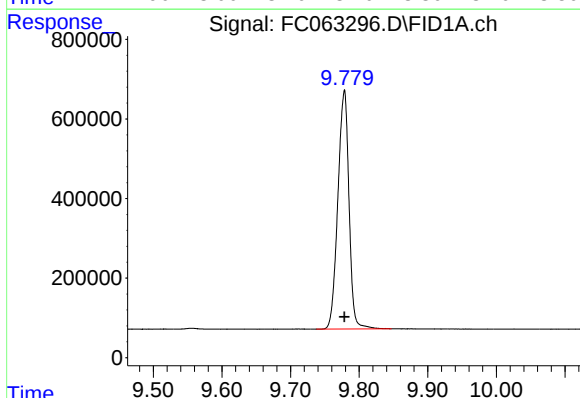
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 7120553
Conc: 50.49 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



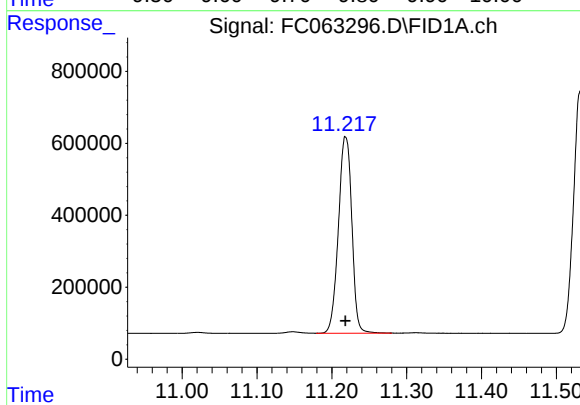
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 6720078
Conc: 50.15 ug/ml



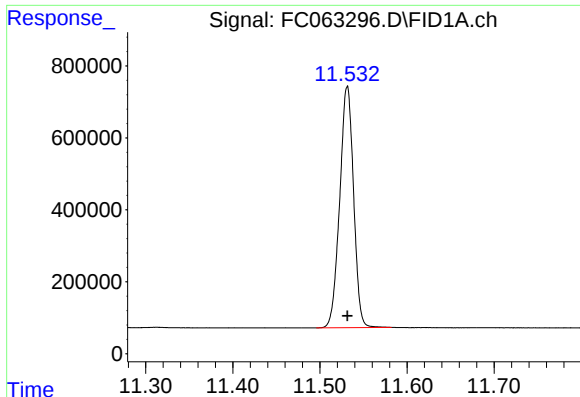
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.000 min
Response: 6755452
Conc: 50.12 ug/ml



#8 n-Octadecane (C18)

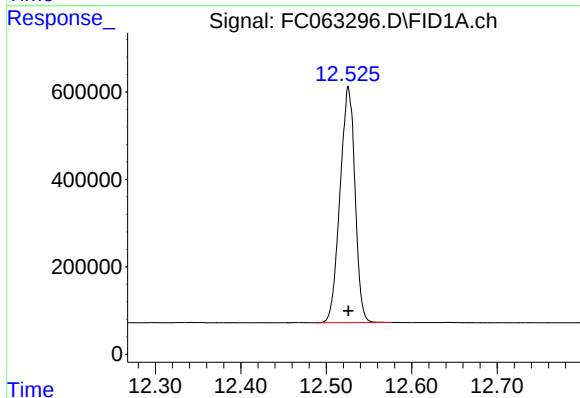
R.T.: 11.218 min
Delta R.T.: 0.000 min
Response: 6793513
Conc: 50.06 ug/ml



#9 ortho-Terphenyl (SURR)

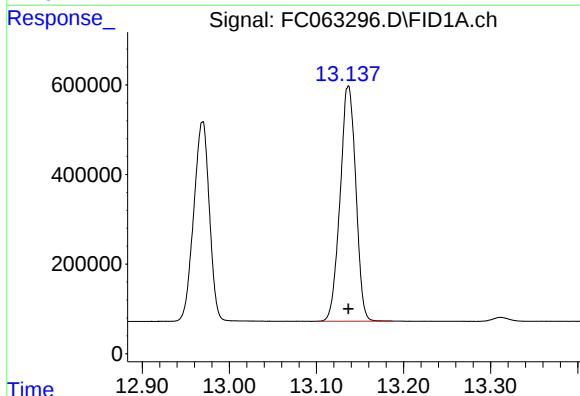
R.T.: 11.531 min
Delta R.T.: 0.000 min
Response: 7415608
Conc: 49.98 ug/ml

Instrument :
FID_C
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50 PPM ALIPHATIC HC STD2



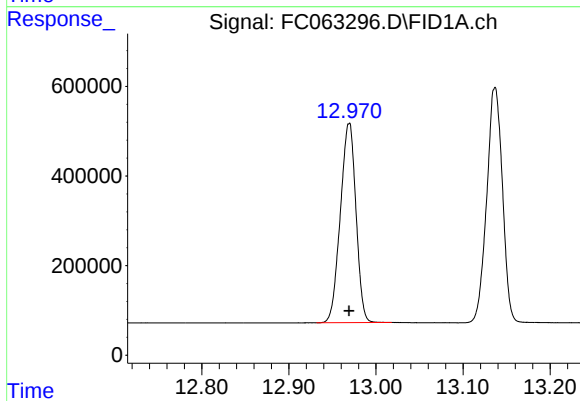
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: 0.000 min
Response: 6567381
Conc: 50.05 ug/ml



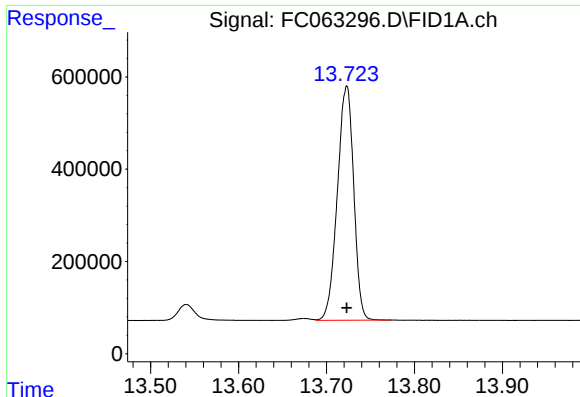
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.000 min
Response: 6576891
Conc: 50.03 ug/ml



#12 1-chlorooctadecane (SURR)

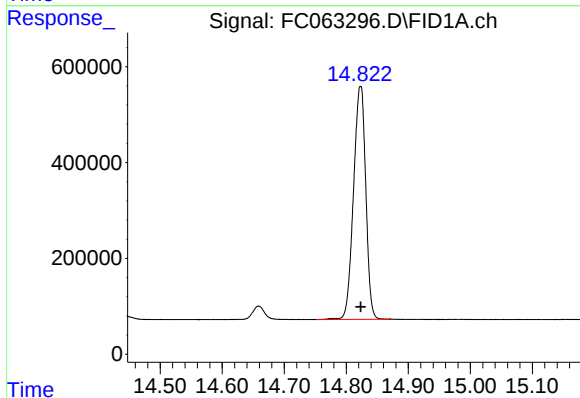
R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 5547199
Conc: 50.21 ug/ml



#13 n-Docosane (C22)

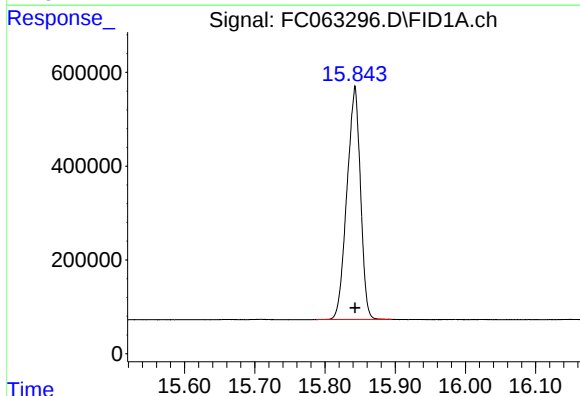
R.T.: 13.723 min
Delta R.T.: 0.000 min
Response: 6558396
Conc: 50.21 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



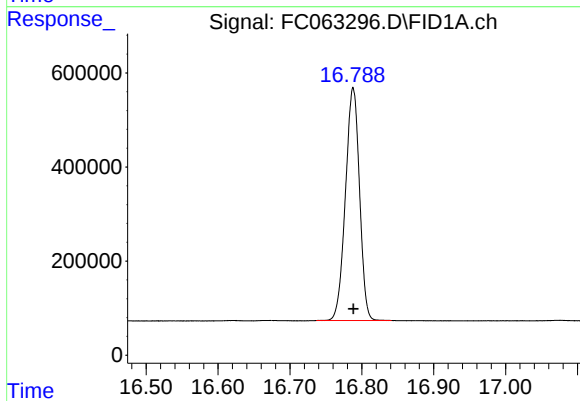
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: 0.000 min
Response: 6670718
Conc: 50.59 ug/ml



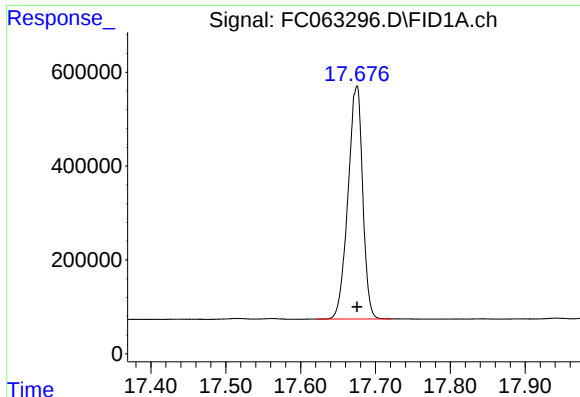
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: 0.000 min
Response: 6653491
Conc: 50.76 ug/ml



#16 n-Octacosane (C28)

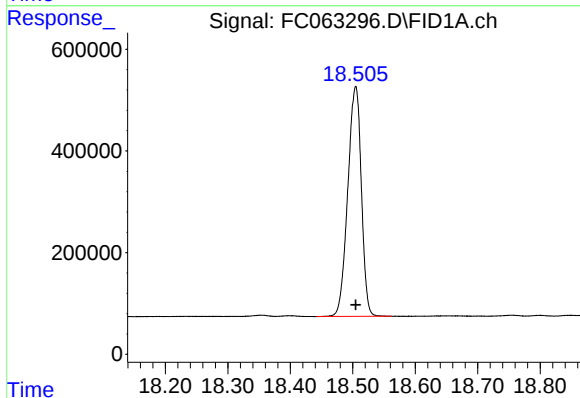
R.T.: 16.788 min
Delta R.T.: 0.000 min
Response: 6725260
Conc: 50.95 ug/ml



#17 n-Tricontane (C30)

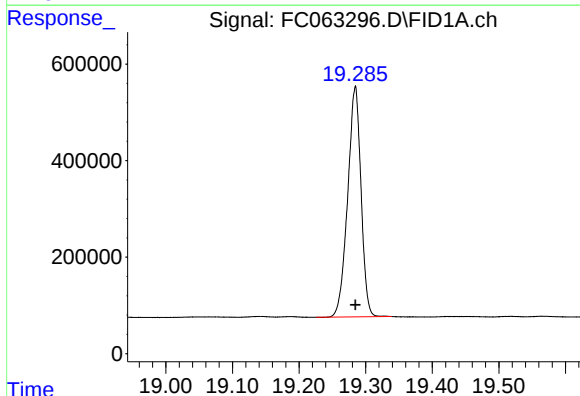
R.T.: 17.675 min
Delta R.T.: 0.000 min
Response: 6785167
Conc: 50.95 ug/ml

Instrument :
FID_C
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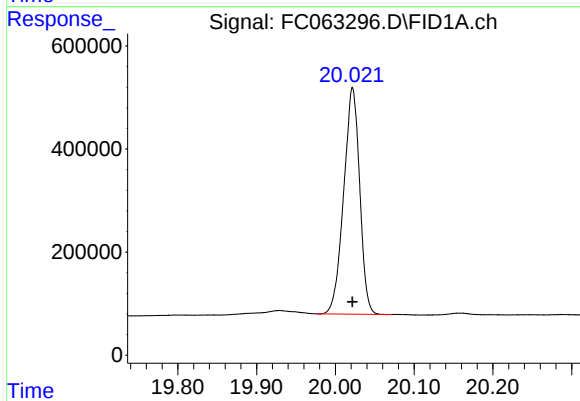
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: 0.000 min
Response: 6834046
Conc: 50.69 ug/ml



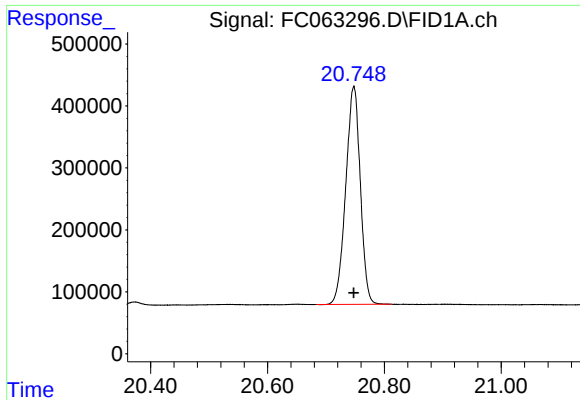
#19 n-Tetratriacontane (C34)

R.T.: 19.285 min
Delta R.T.: 0.000 min
Response: 6642853
Conc: 50.26 ug/ml



#20 n-Hexatriacontane (C36)

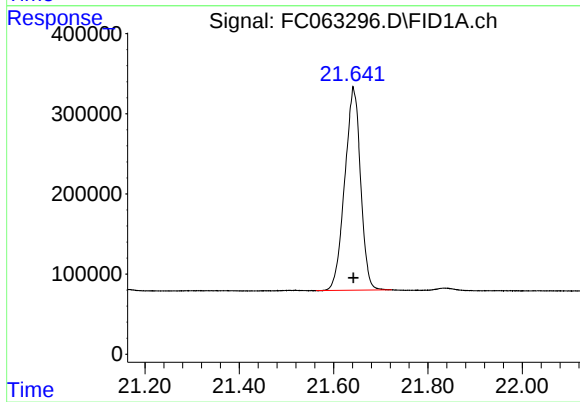
R.T.: 20.022 min
Delta R.T.: 0.000 min
Response: 6208391
Conc: 50.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: 0.000 min
Response: 6087567
Conc: 50.24 ug/ml

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FID_C
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.642 min
Delta R.T.: 0.000 min
Response: 5893282
Conc: 50.44 ug/ml