

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010523AL\
 Data File : FC062570.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jan 2023 20:06
 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: Jan 05 04:48:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:47:27 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)	11.563	6623558	48.060 ug/ml
Spiked Amount 50.000		Recovery =	96.12%
12) S 1-chlorooctadecane (S...	12.999	4996416	48.449 ug/ml
Spiked Amount 50.000		Recovery =	96.90%
Target Compounds			
1) T n-Nonane (C9)	3.317	6270401	48.377 ug/ml
2) T n-Decane (C10)	4.384	6132598	48.742 ug/ml
3) T A~Naphthalene (C11.7)	5.969	6999742	49.034 ug/ml
4) T n-Dodecane (C12)	6.406	6140859	49.618 ug/ml
5) T A~2-methylnaphthalene...	7.028	6563330	49.118 ug/ml
6) T n-Tetradecane (C14)	8.203	6080907	48.620 ug/ml
7) T n-Hexadecane (C16)	9.805	6100612	48.550 ug/ml
8) T n-Octadecane (C18)	11.247	6074685	48.161 ug/ml
10) T n-Eicosane (C20)	12.556	5794548	48.215 ug/ml
11) T n-Heneicosane (C21)	13.167	5759503	48.089 ug/ml
13) T n-Docosane (C22)	13.753	5639158	48.334 ug/ml
14) T n-Tetracosane (C24)	14.855	5487693	48.098 ug/ml
15) T n-Hexacosane (C26)	15.873	5280723	48.117 ug/ml
16) T n-Octacosane (C28)	16.821	5153080	48.243 ug/ml
17) T n-Tricontane (C30)	17.708	5049518	47.895 ug/ml
18) T n-Dotriacontane (C32)	18.539	5055820	47.793 ug/ml
19) T n-Tetratriacontane (C34)	19.320	5045384	47.822 ug/ml
20) T n-Hexatriacontane (C36)	20.060	5337167	47.095 ug/ml
21) T n-Octatriacontane (C38)	20.790	4938460	48.128 ug/ml
22) T n-Tetracontane (C40)	21.700	4975601	47.847 ug/ml

(f)=RT Delta > 1/2 Window

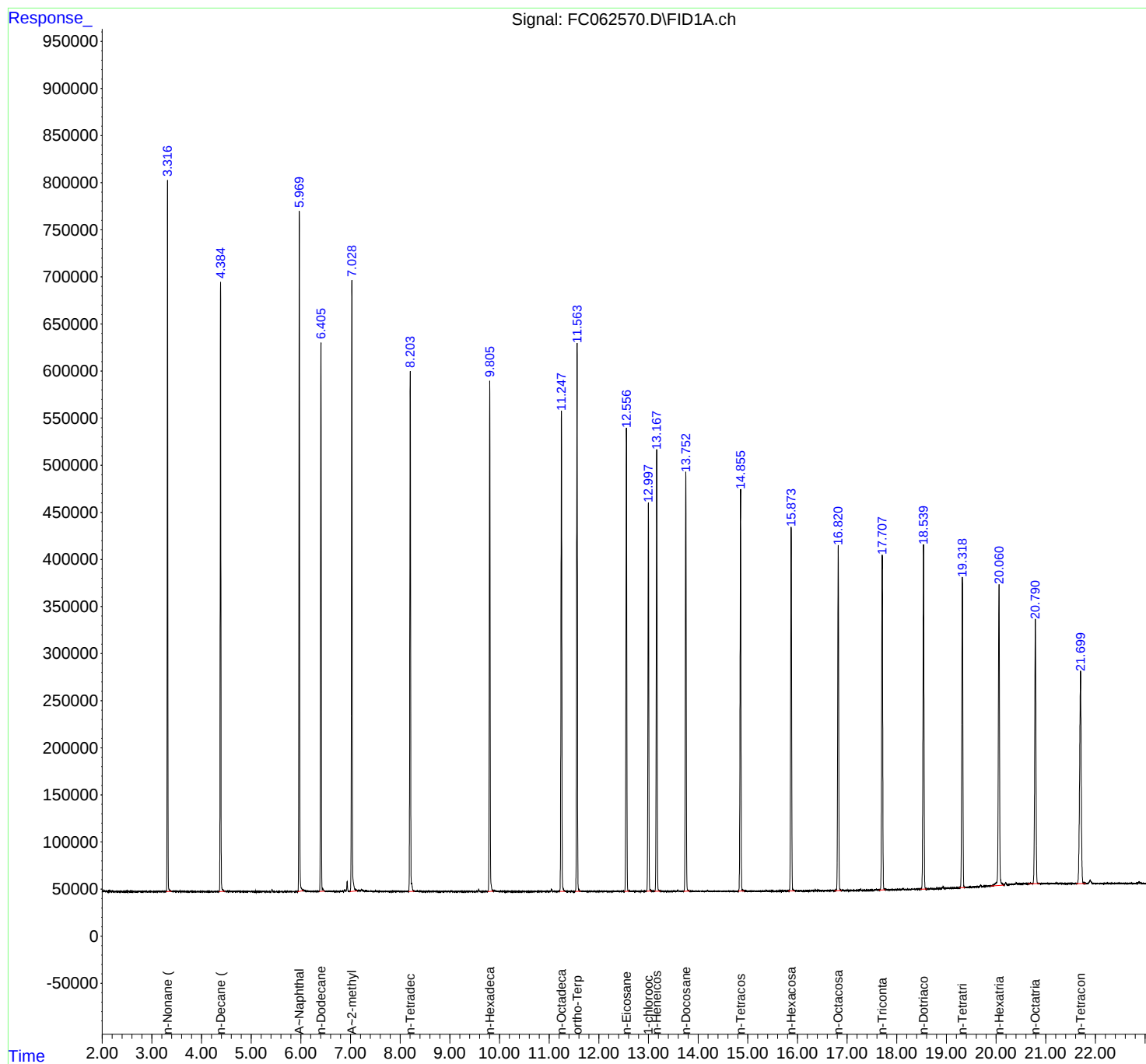
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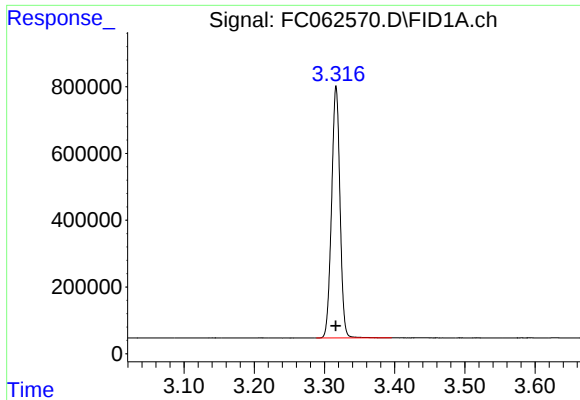
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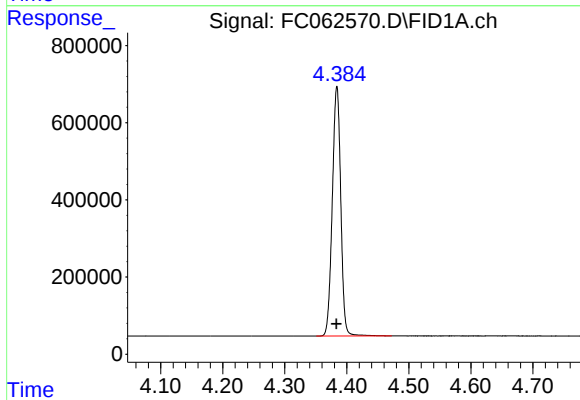




#1 n-Nonane (C9)

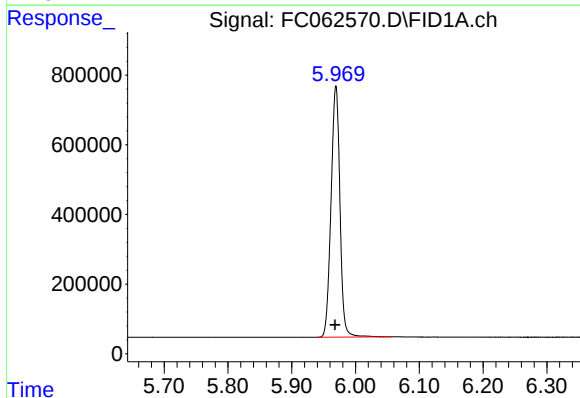
R.T.: 3.317 min
Delta R.T.: 0.000 min
Response: 6270401
Conc: 48.38 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



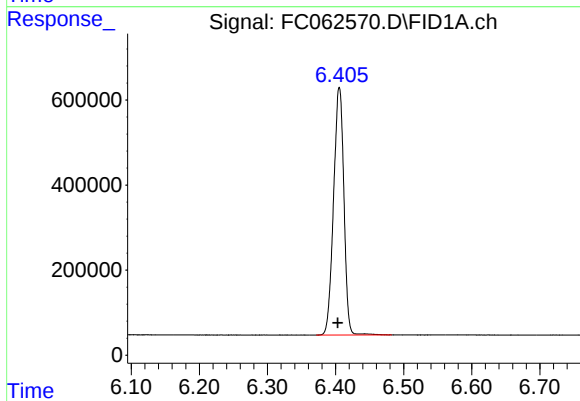
#2 n-Decane (C10)

R.T.: 4.384 min
Delta R.T.: 0.000 min
Response: 6132598
Conc: 48.74 ug/ml



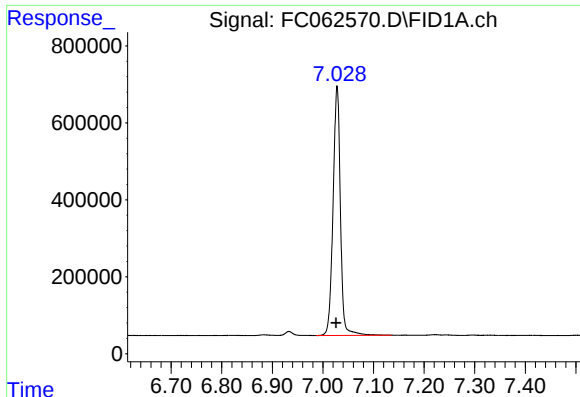
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: 0.001 min
Response: 6999742
Conc: 49.03 ug/ml



#4 n-Dodecane (C12)

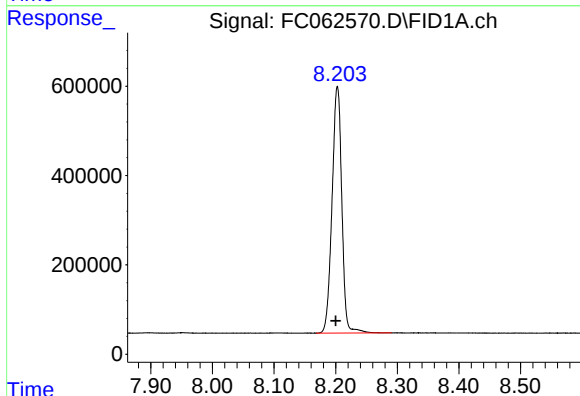
R.T.: 6.406 min
Delta R.T.: 0.002 min
Response: 6140859
Conc: 49.62 ug/ml



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

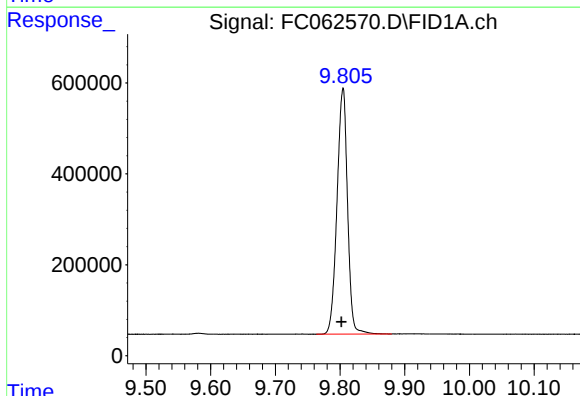
R.T.: 7.028 min
Delta R.T.: 0.002 min
Response: 6563330
Conc: 49.12 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



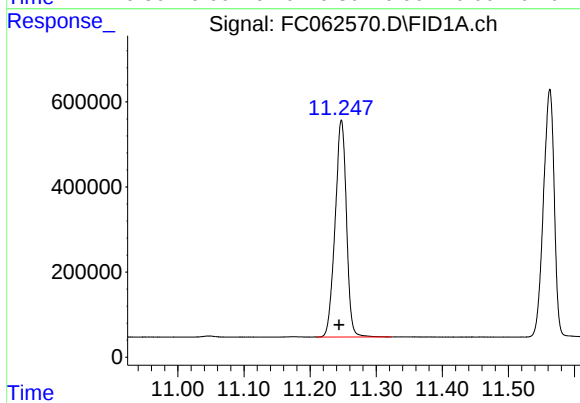
#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: 0.003 min
Response: 6080907
Conc: 48.62 ug/ml



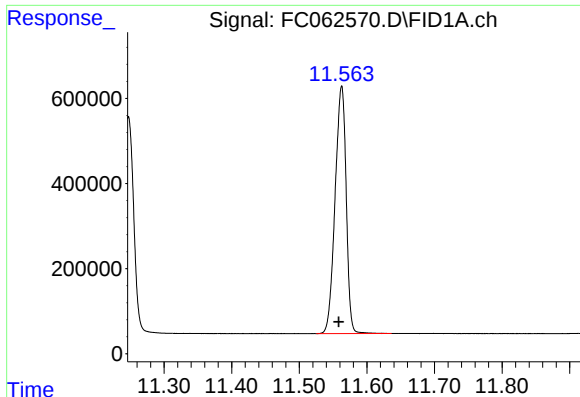
#7 n-Hexadecane (C16)

R.T.: 9.805 min
Delta R.T.: 0.003 min
Response: 6100612
Conc: 48.55 ug/ml



#8 n-Octadecane (C18)

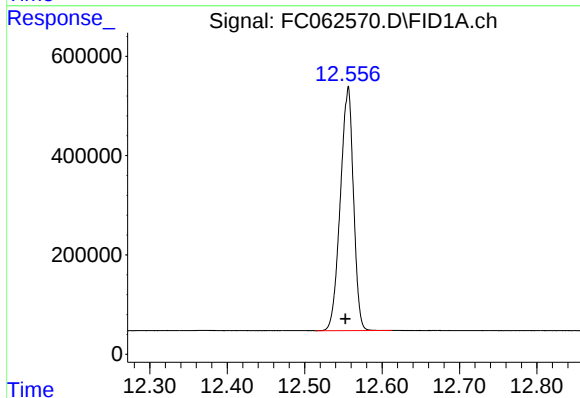
R.T.: 11.247 min
Delta R.T.: 0.004 min
Response: 6074685
Conc: 48.16 ug/ml



#9 ortho-Terphenyl (SURR)

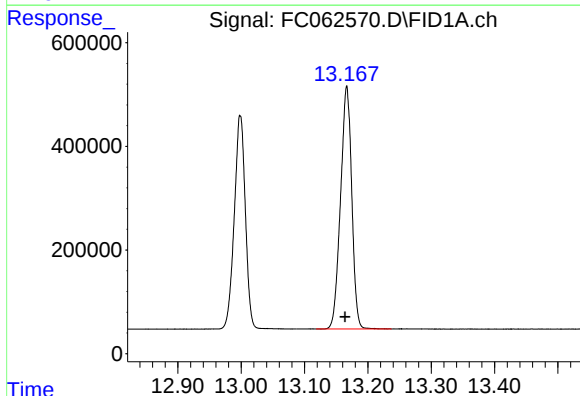
R.T.: 11.563 min
Delta R.T.: 0.004 min
Response: 6623558
Conc: 48.06 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



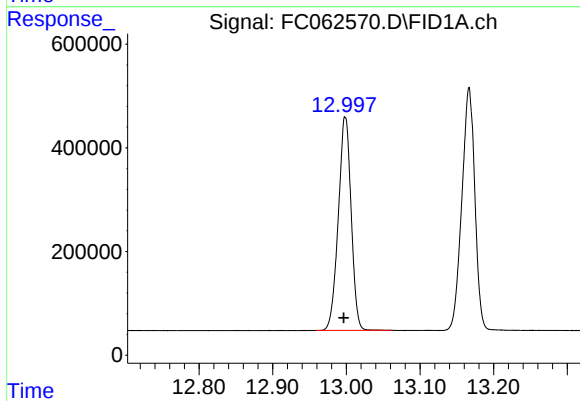
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: 0.004 min
Response: 5794548
Conc: 48.21 ug/ml



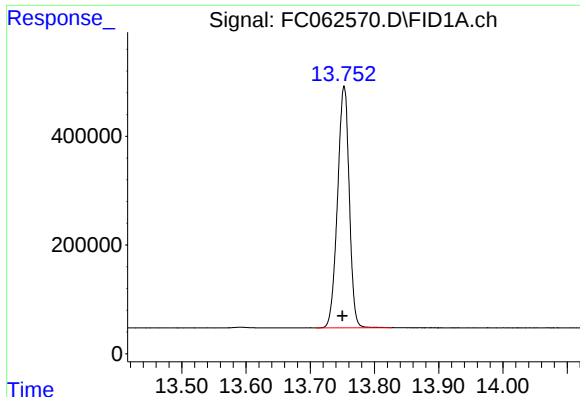
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: 0.002 min
Response: 5759503
Conc: 48.09 ug/ml



#12 1-chlorooctadecane (SURR)

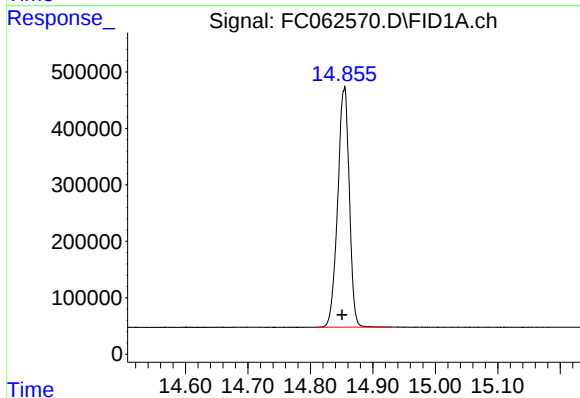
R.T.: 12.999 min
Delta R.T.: 0.002 min
Response: 4996416
Conc: 48.45 ug/ml



#13 n-Docosane (C22)

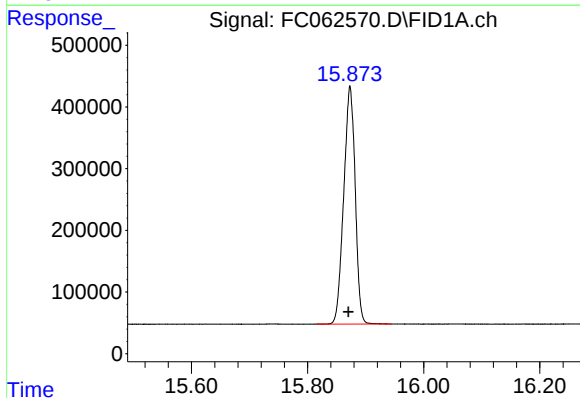
R.T.: 13.753 min
Delta R.T.: 0.003 min
Response: 5639158
Conc: 48.33 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



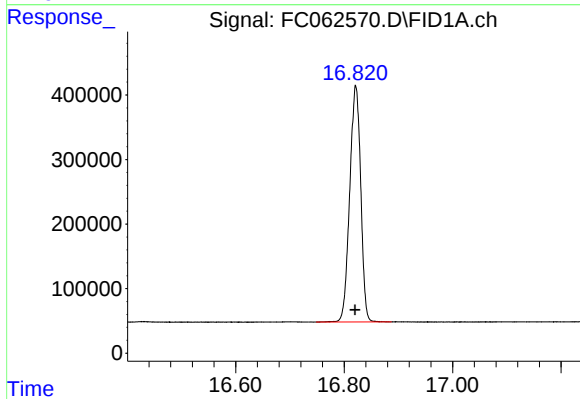
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: 0.004 min
Response: 5487693
Conc: 48.10 ug/ml



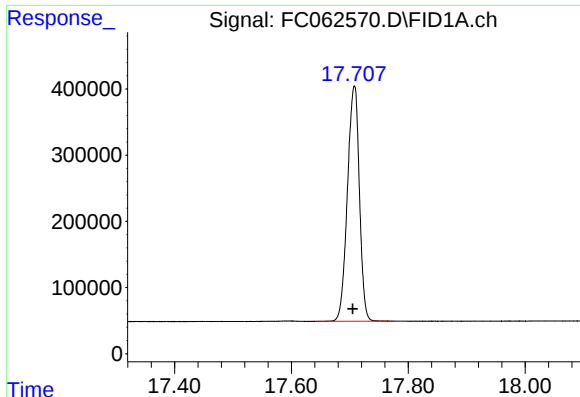
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: 0.003 min
Response: 5280723
Conc: 48.12 ug/ml



#16 n-Octacosane (C28)

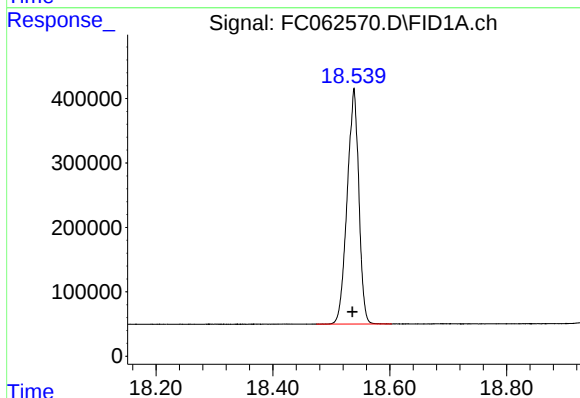
R.T.: 16.821 min
Delta R.T.: 0.002 min
Response: 5153080
Conc: 48.24 ug/ml



#17 n-Tricontane (C30)

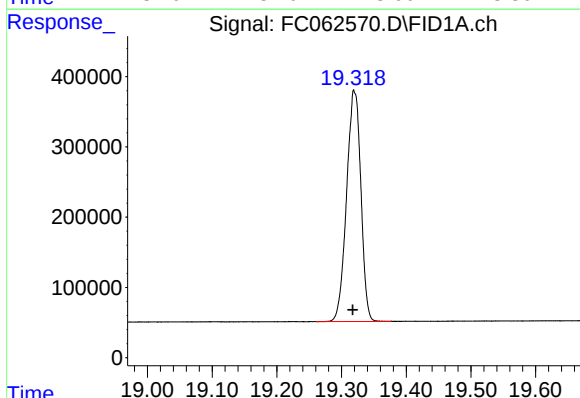
R.T.: 17.708 min
Delta R.T.: 0.003 min
Response: 5049518
Conc: 47.90 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



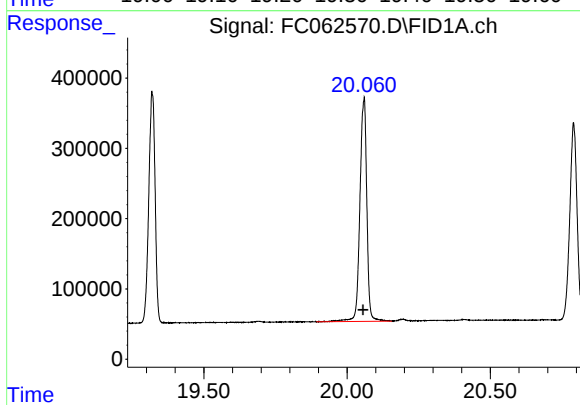
#18 n-Dotriacontane (C32)

R.T.: 18.539 min
Delta R.T.: 0.003 min
Response: 5055820
Conc: 47.79 ug/ml



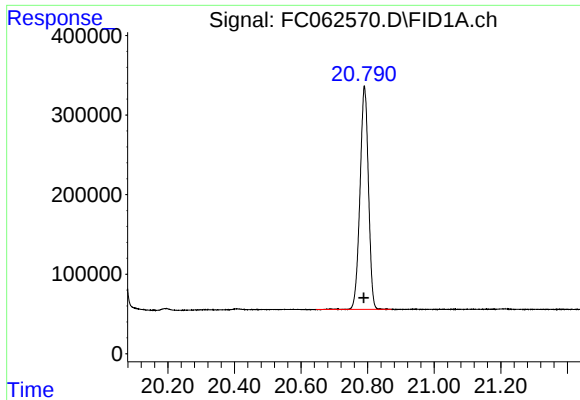
#19 n-Tetratriacontane (C34)

R.T.: 19.320 min
Delta R.T.: 0.002 min
Response: 5045384
Conc: 47.82 ug/ml



#20 n-Hexatriacontane (C36)

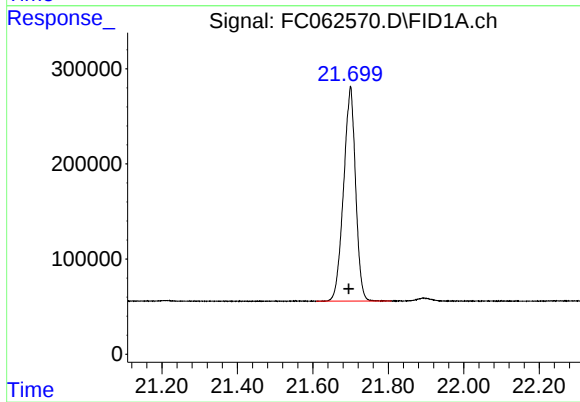
R.T.: 20.060 min
Delta R.T.: 0.004 min
Response: 5337167
Conc: 47.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.790 min
Delta R.T.: 0.002 min
Response: 4938460
Conc: 48.13 ug/ml

Instrument :
FID_C
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: 0.005 min
Response: 4975601
Conc: 47.85 ug/ml