

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064579.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 20:06
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 15 01:25:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:28 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)	11.502	1059274	5.235 ug/ml
Spiked Amount 50.000		Recovery =	10.47%
12) S 1-chlorooctadecane (S...	12.937	756585	5.194 ug/ml
Spiked Amount 50.000		Recovery =	10.39%
Target Compounds			
1) T n-Nonane (C9)	3.300	908600	5.142 ug/ml
2) T n-Decane (C10)	4.360	917970	5.110 ug/ml
3) T A~Naphthalene (C11.7)	5.943	891532	4.746 ug/ml
4) T n-Dodecane (C12)	6.370	933518	5.139 ug/ml
5) T A~2-methylnaphthalene...	6.997	818524	4.590 ug/ml
6) T n-Tetradecane (C14)	8.158	910676	5.132 ug/ml
7) T n-Hexadecane (C16)	9.754	916738	5.100 ug/ml
8) T n-Octadecane (C18)	11.191	945843	5.224 ug/ml
10) T n-Eicosane (C20)	12.495	895447	5.257 ug/ml
11) T n-Heneicosane (C21)	13.104	872410	5.267 ug/ml
13) T n-Docosane (C22)	13.688	866102	5.316 ug/ml
14) T n-Tetracosane (C24)	14.788	856492	5.395 ug/ml
15) T n-Hexacosane (C26)	15.804	827780	5.423 ug/ml
16) T n-Octacosane (C28)	16.749	819601	5.538 ug/ml
17) T n-Tricontane (C30)	17.633	833438	5.610 ug/ml
18) T n-Dotriacontane (C32)	18.461	835932	5.728 ug/ml
19) T n-Tetratriacontane (C34)	19.243	793657	5.583 ug/ml
20) T n-Hexatriacontane (C36)	19.981	751931	5.459 ug/ml
21) T n-Octatriacontane (C38)	20.701	738071	5.385 ug/ml
22) T n-Tetracontane (C40)	21.580	728510	5.356 ug/ml

(f)=RT Delta > 1/2 Window

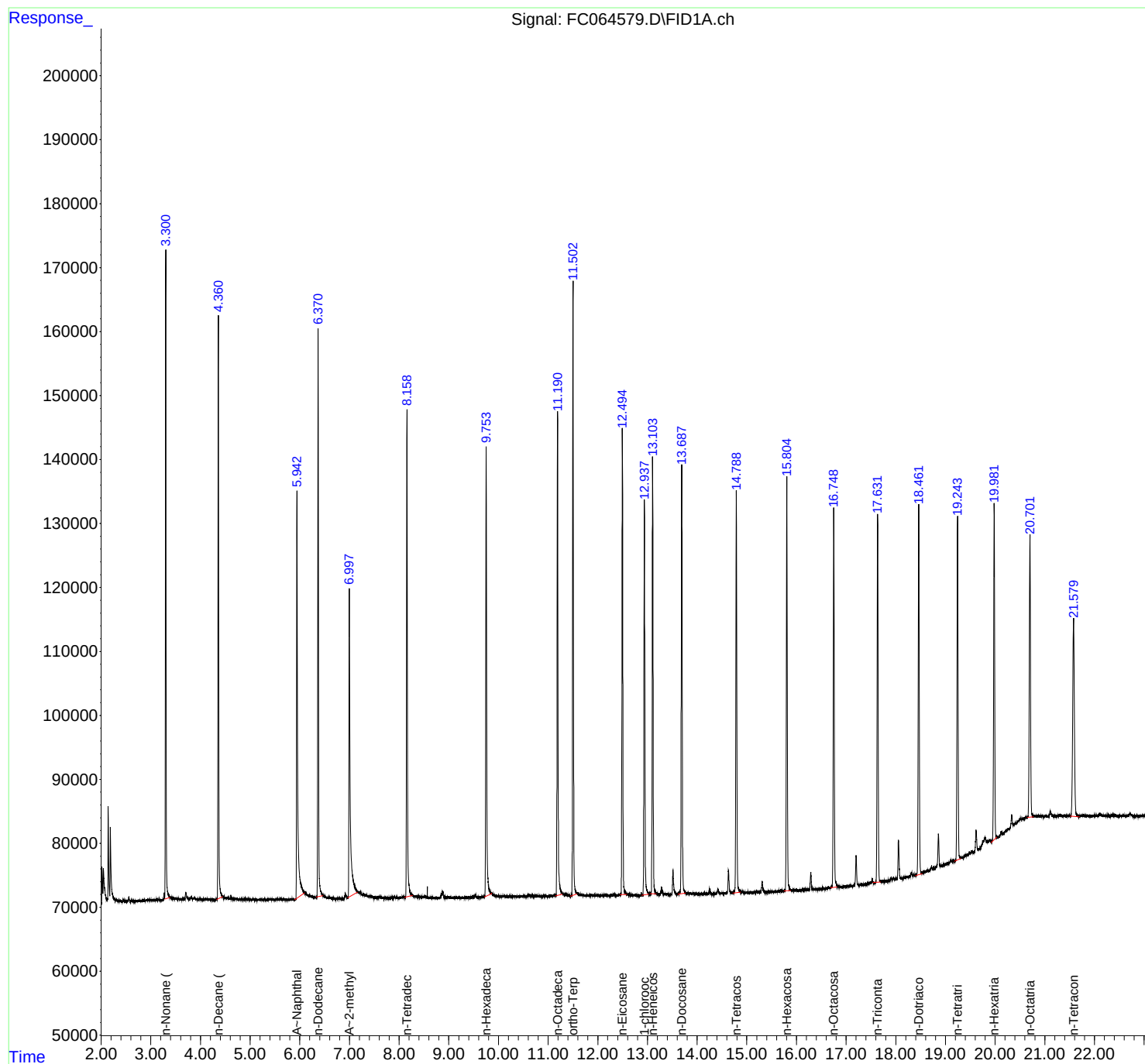
(m)=manual int.

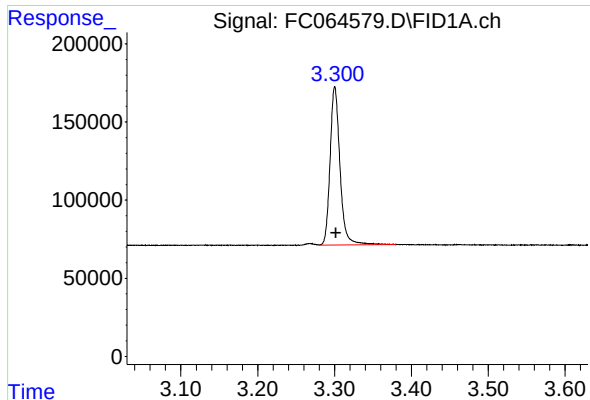
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
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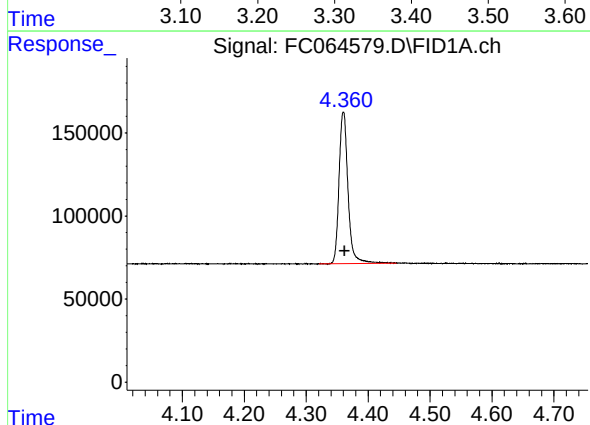




#1 n-Nonane (C9)

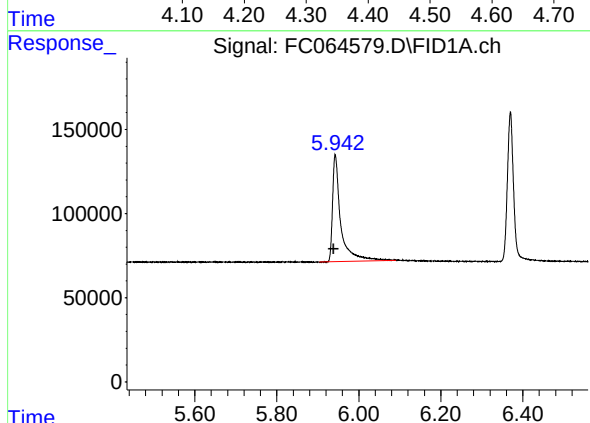
R.T.: 3.300 min
Delta R.T.: -0.002 min
Response: 908600
Conc: 5.14 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



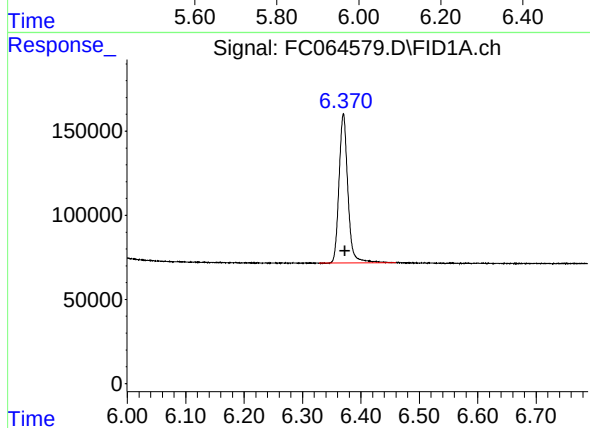
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 917970
Conc: 5.11 ug/ml



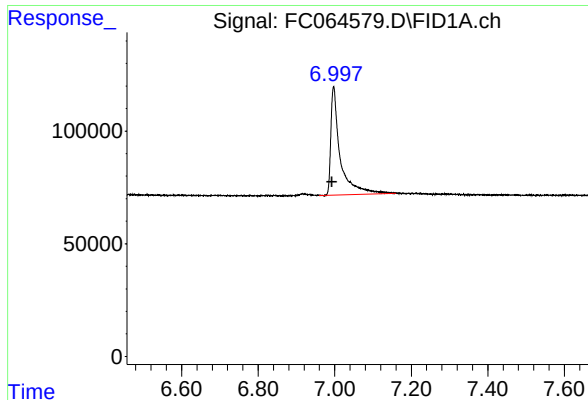
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: 0.004 min
Response: 891532
Conc: 4.75 ug/ml



#4 n-Dodecane (C12)

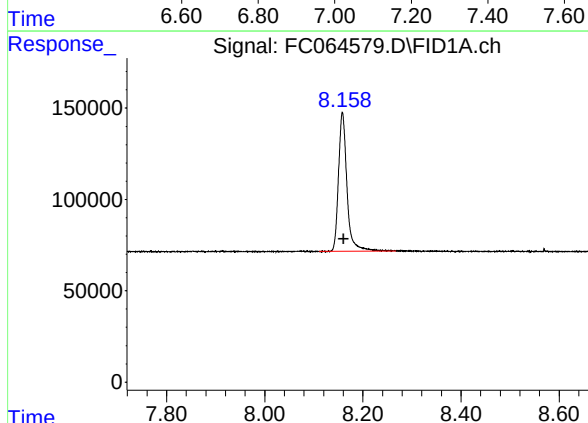
R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 933518
Conc: 5.14 ug/ml



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

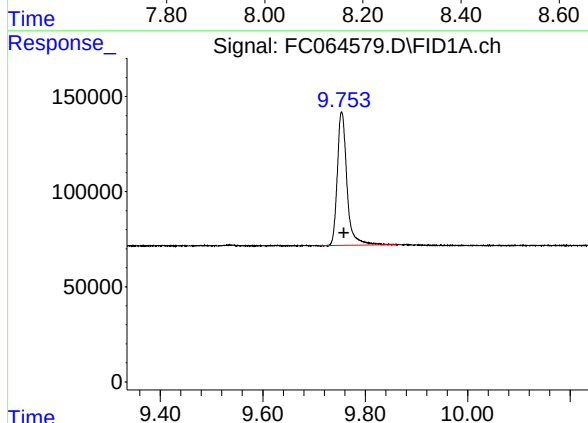
R.T.: 6.997 min
Delta R.T.: 0.005 min
Response: 818524
Conc: 4.59 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



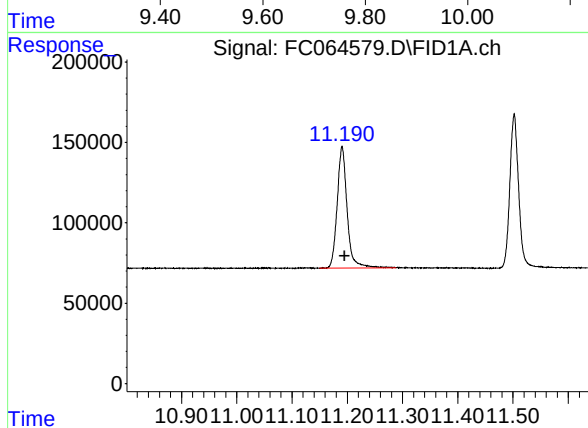
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.003 min
Response: 910676
Conc: 5.13 ug/ml



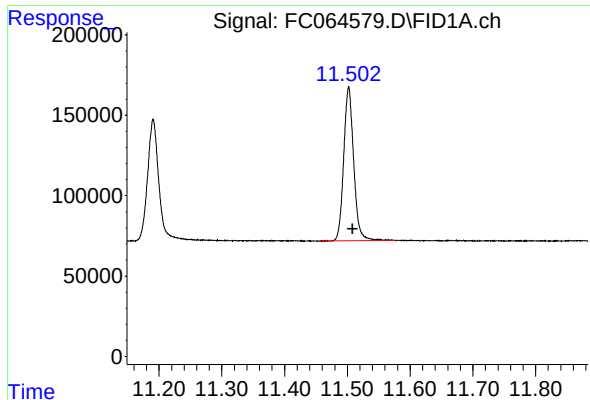
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: -0.004 min
Response: 916738
Conc: 5.10 ug/ml



#8 n-Octadecane (C18)

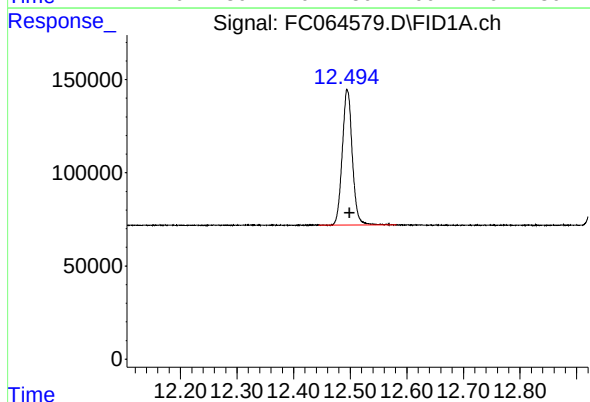
R.T.: 11.191 min
Delta R.T.: -0.005 min
Response: 945843
Conc: 5.22 ug/ml



#9 ortho-Terphenyl (SURR)

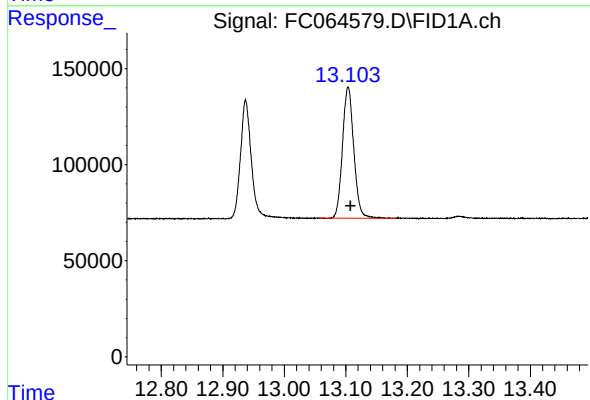
R.T.: 11.502 min
Delta R.T.: -0.006 min
Response: 1059274
Conc: 5.24 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



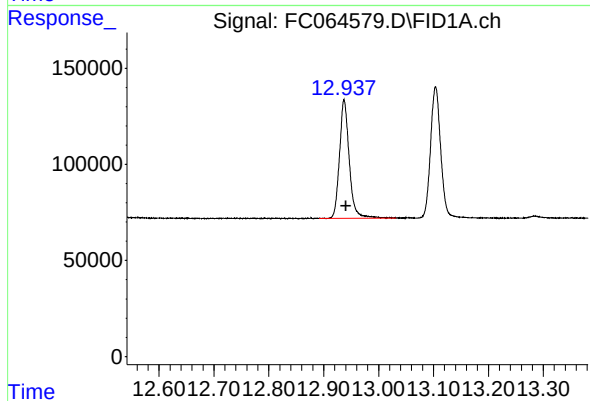
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: -0.004 min
Response: 895447
Conc: 5.26 ug/ml



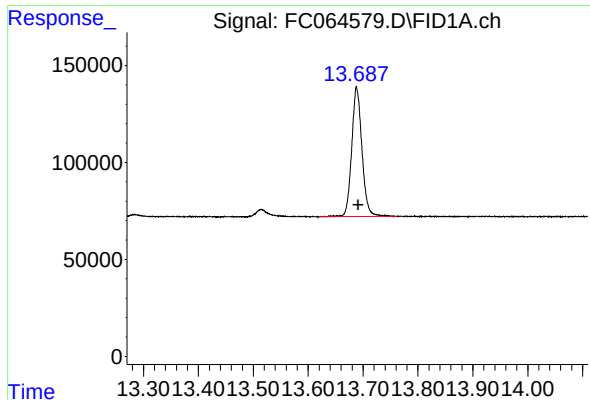
#11 n-Heneicosane (C21)

R.T.: 13.104 min
Delta R.T.: -0.004 min
Response: 872410
Conc: 5.27 ug/ml



#12 1-chlorooctadecane (SURR)

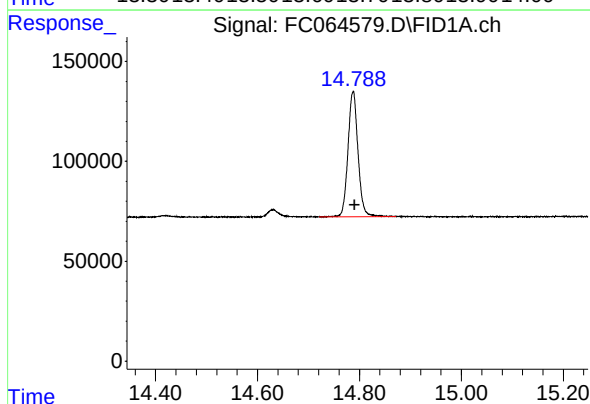
R.T.: 12.937 min
Delta R.T.: -0.003 min
Response: 756585
Conc: 5.19 ug/ml



#13 n-Docosane (C22)

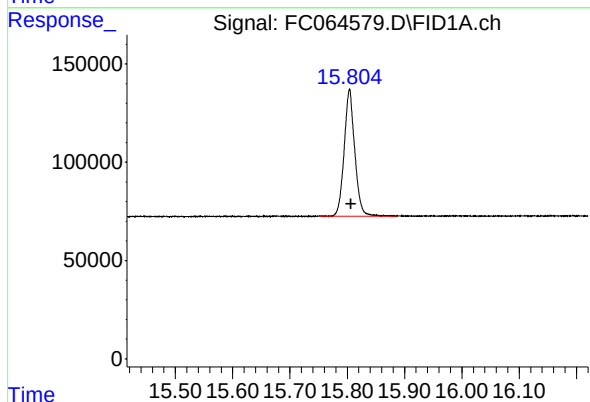
R.T.: 13.688 min
Delta R.T.: -0.004 min
Response: 866102
Conc: 5.32 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



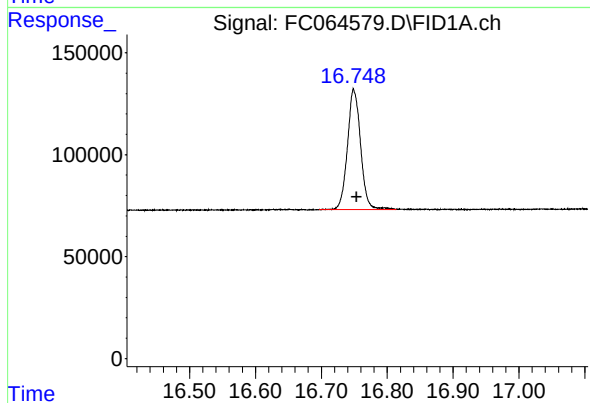
#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: -0.002 min
Response: 856492
Conc: 5.39 ug/ml



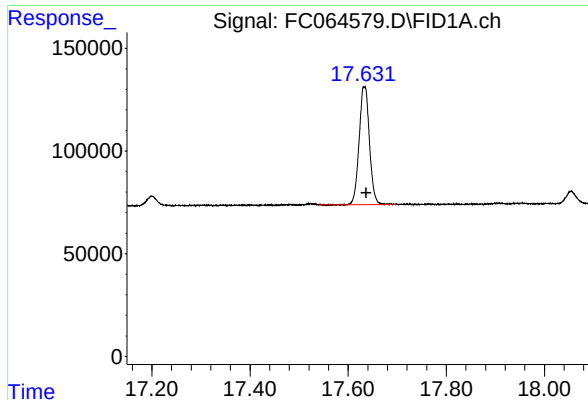
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.003 min
Response: 827780
Conc: 5.42 ug/ml



#16 n-Octacosane (C28)

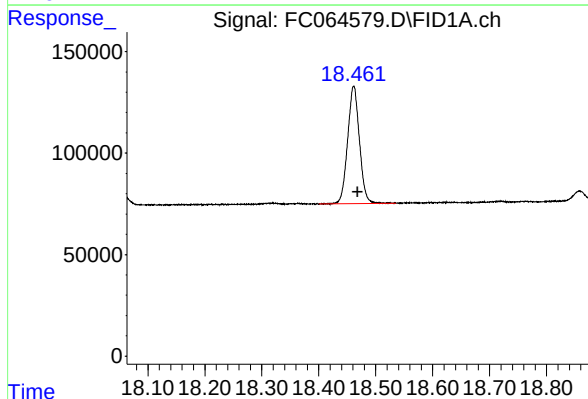
R.T.: 16.749 min
Delta R.T.: -0.005 min
Response: 819601
Conc: 5.54 ug/ml



#17 n-Tricontane (C30)

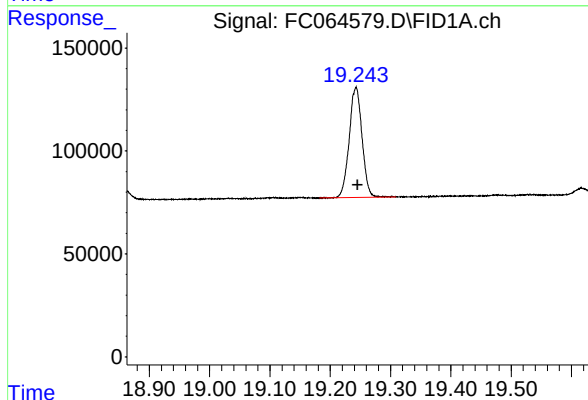
R.T.: 17.633 min
Delta R.T.: -0.005 min
Response: 833438
Conc: 5.61 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



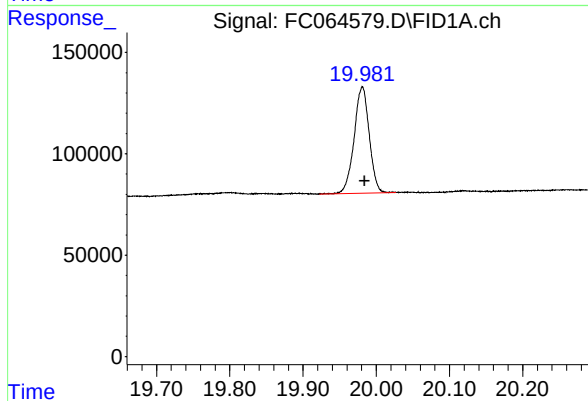
#18 n-Dotriacontane (C32)

R.T.: 18.461 min
Delta R.T.: -0.007 min
Response: 835932
Conc: 5.73 ug/ml



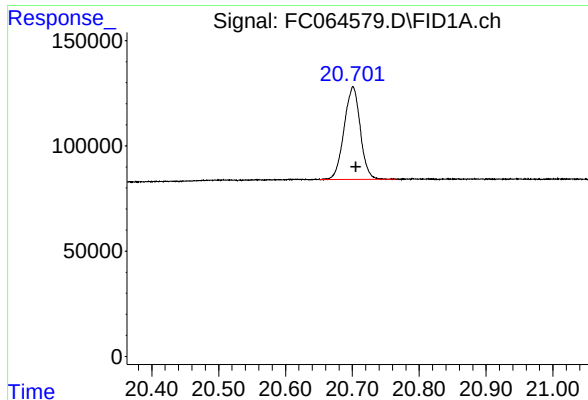
#19 n-Tetatriacontane (C34)

R.T.: 19.243 min
Delta R.T.: -0.003 min
Response: 793657
Conc: 5.58 ug/ml



#20 n-Hexatriacontane (C36)

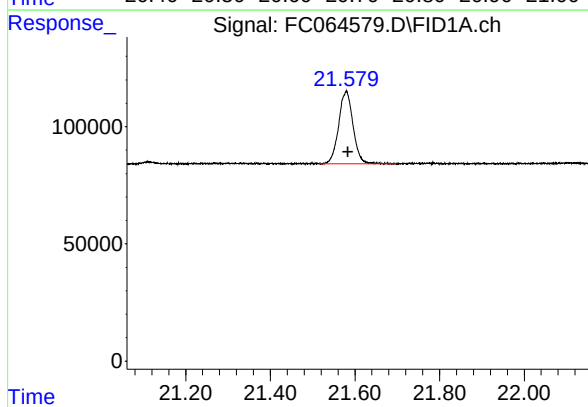
R.T.: 19.981 min
Delta R.T.: -0.003 min
Response: 751931
Conc: 5.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: -0.004 min
Response: 738071
Conc: 5.39 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: -0.003 min
Response: 728510
Conc: 5.36 ug/ml