

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040925AL\
 Data File : FC068515.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 14:19
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Apr 08 16:11:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 16:09:32 2025
 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)	11.728	11630513	95.399 ug/ml
Spiked Amount 50.000		Recovery =	190.80%
12) S 1-chlorooctadecane (S...	13.158	8442696	95.111 ug/ml
Spiked Amount 50.000		Recovery =	190.22%
Target Compounds			
1) T n-Nonane (C9)	3.453	9676433	96.008 ug/ml
2) T n-Decane (C10)	4.529	9659989	95.940 ug/ml
3) T A~Naphthalene (C11.7)	6.128	10706854	96.012 ug/ml
4) T n-Dodecane (C12)	6.555	9581268	95.561 ug/ml
5) T A~2-methylnaphthalene...	7.187	10590076	95.557 ug/ml
6) T n-Tetradecane (C14)	8.352	9286080	95.024 ug/ml
7) T n-Hexadecane (C16)	9.956	9145409	94.626 ug/ml
8) T n-Octadecane (C18)	11.401	9035245	94.602 ug/ml
10) T n-Eicosane (C20)	12.711	8860913	94.629 ug/ml
11) T n-Heneicosane (C21)	13.324	8797403	94.833 ug/ml
13) T n-Docosane (C22)	13.911	8749331	94.989 ug/ml
14) T n-Tetracosane (C24)	15.015	8697977	95.532 ug/ml
15) T n-Hexacosane (C26)	16.037	8653533	96.207 ug/ml
16) T n-Octacosane (C28)	16.989	8580688	96.922 ug/ml
17) T n-Tricontane (C30)	17.879	8693384	97.557 ug/ml
18) T n-Dotriacontane (C32)	18.714	8726742	98.108 ug/ml
19) T n-Tetratriacontane (C34)	19.499	8562598	98.394 ug/ml
20) T n-Hexatriacontane (C36)	20.240	8639575	98.692 ug/ml
21) T n-Octatriacontane (C38)	21.019	8521663	98.543 ug/ml
22) T n-Tetracontane (C40)	22.004	8542254	98.690 ug/ml

(f)=RT Delta > 1/2 Window

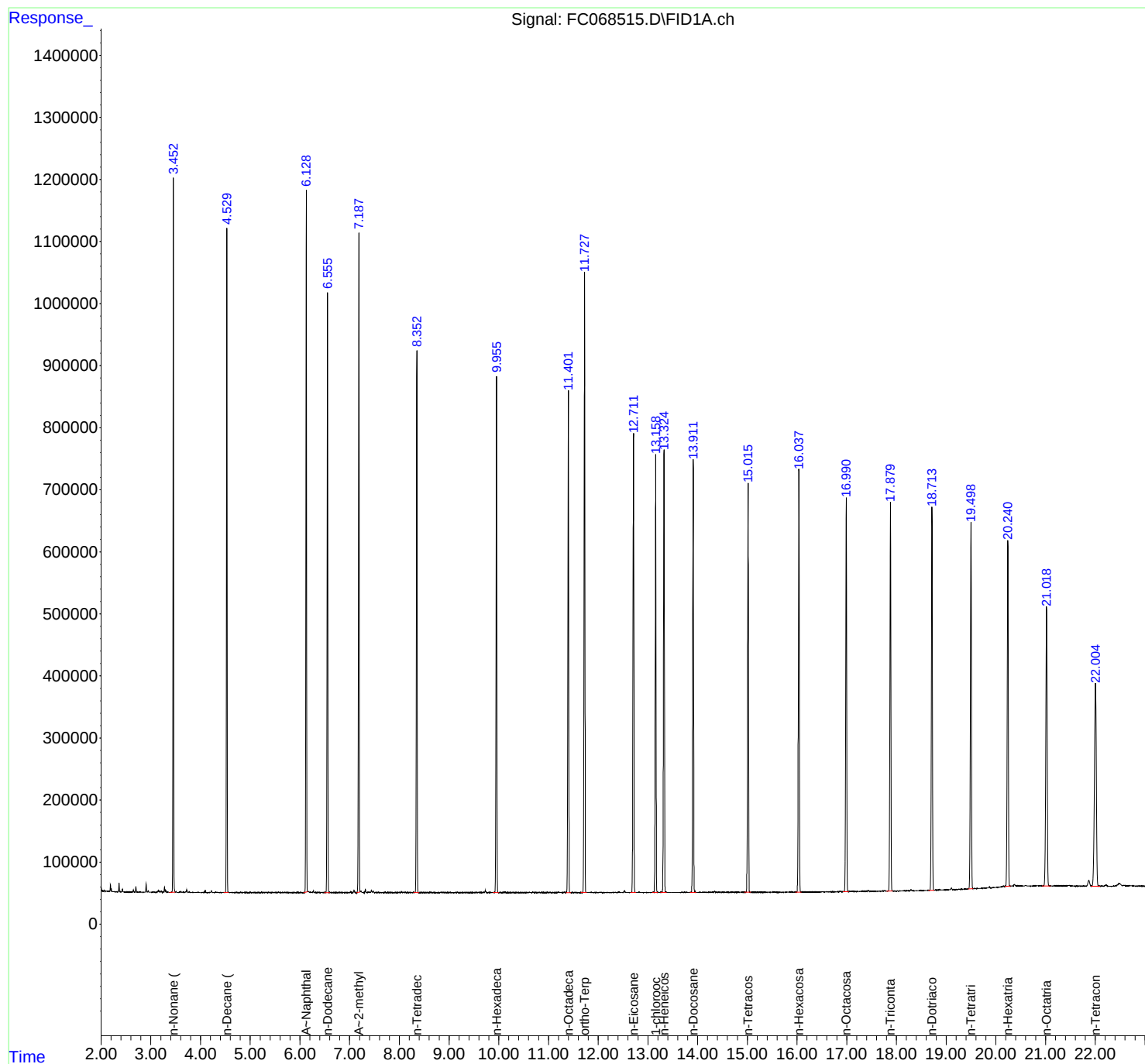
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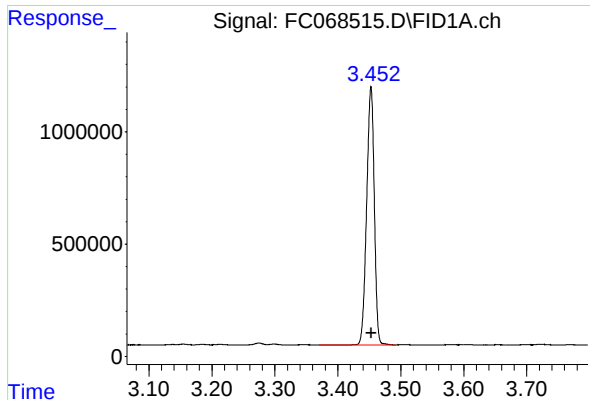
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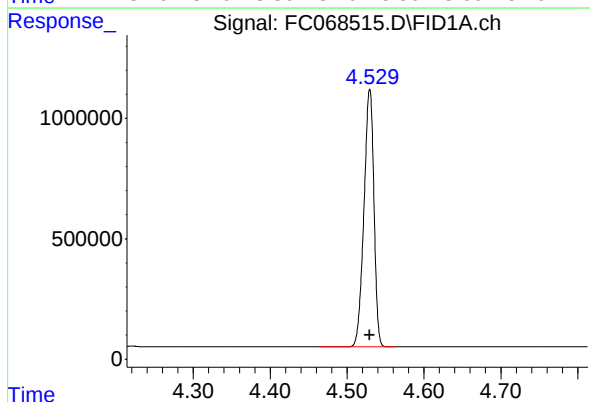




#1 n-Nonane (C9)

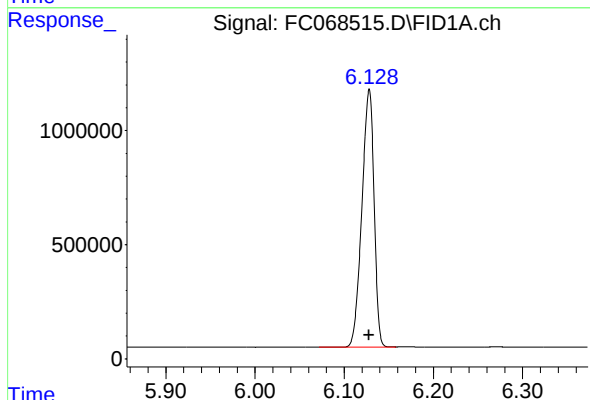
R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 9676433
Conc: 96.01 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



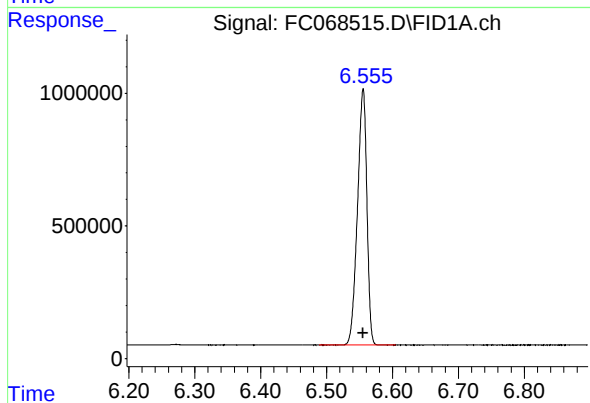
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 9659989
Conc: 95.94 ug/ml



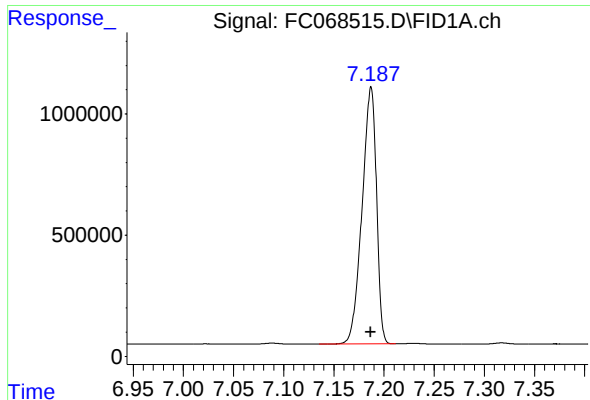
#3 A~Naphthalene (C11.7)

R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 10706854
Conc: 96.01 ug/ml



#4 n-Dodecane (C12)

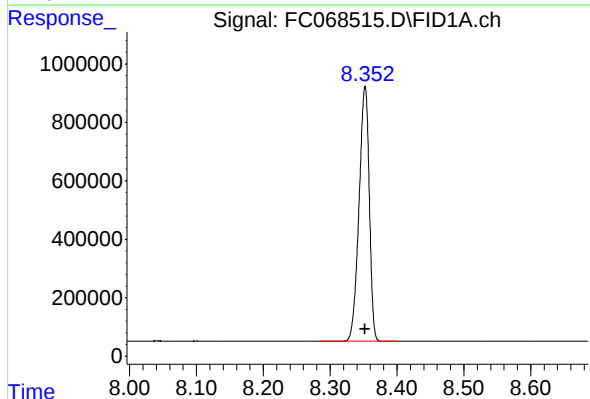
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 9581268
Conc: 95.56 ug/ml



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

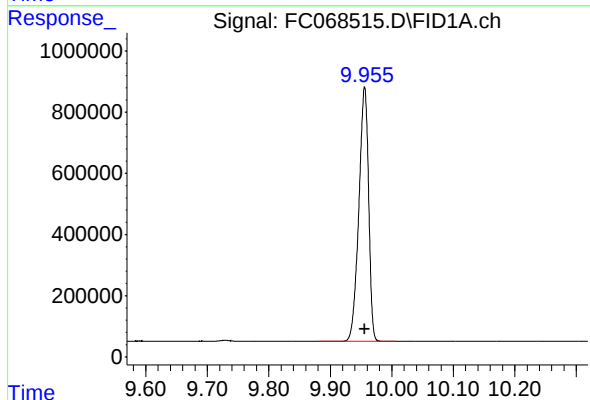
R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 10590076
Conc: 95.56 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



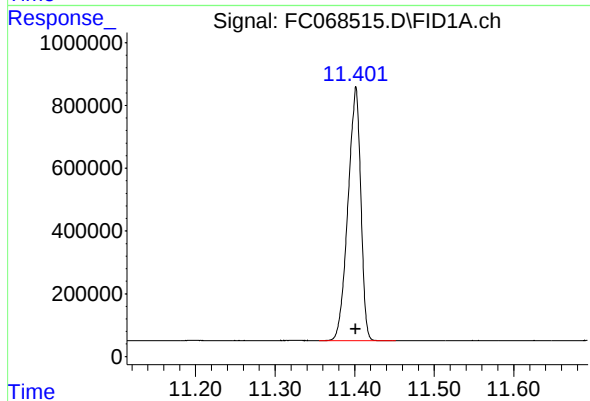
#6 n-Tetradecane (C14)

R.T.: 8.352 min
Delta R.T.: 0.000 min
Response: 9286080
Conc: 95.02 ug/ml



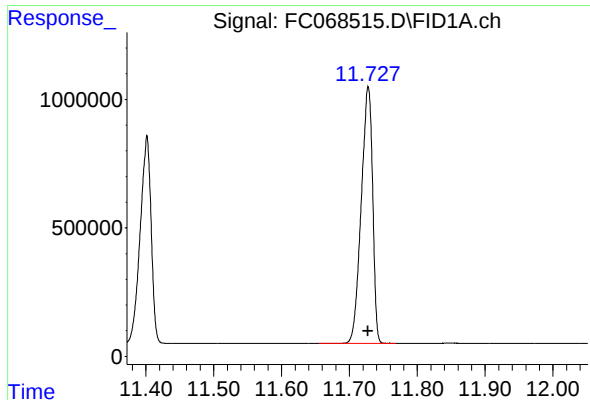
#7 n-Hexadecane (C16)

R.T.: 9.956 min
Delta R.T.: 0.000 min
Response: 9145409
Conc: 94.63 ug/ml



#8 n-Octadecane (C18)

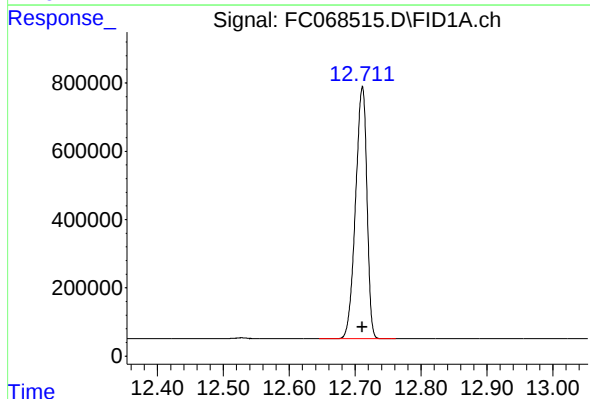
R.T.: 11.401 min
Delta R.T.: 0.000 min
Response: 9035245
Conc: 94.60 ug/ml



#9 ortho-Terphenyl (SURR)

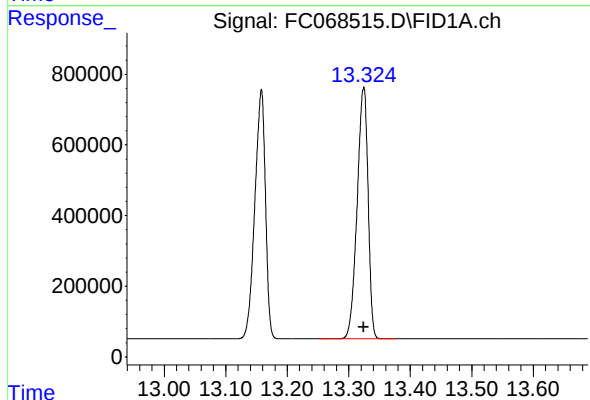
R.T.: 11.728 min
Delta R.T.: 0.000 min
Response: 11630513
Conc: 95.40 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



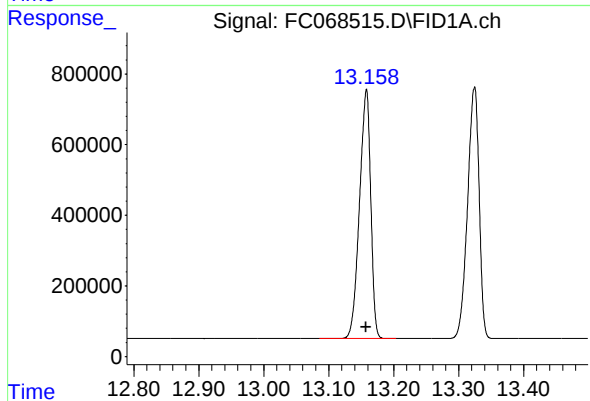
#10 n-Eicosane (C20)

R.T.: 12.711 min
Delta R.T.: 0.000 min
Response: 8860913
Conc: 94.63 ug/ml



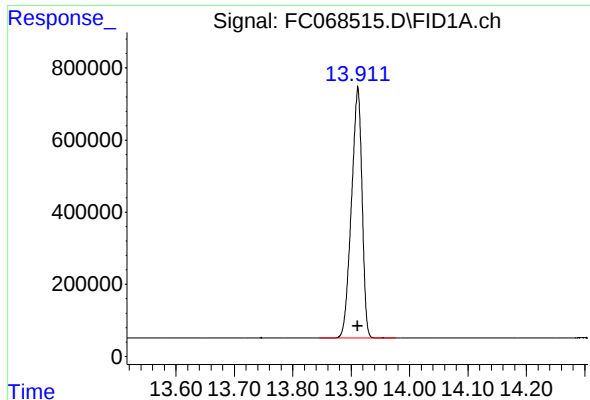
#11 n-Heneicosane (C21)

R.T.: 13.324 min
Delta R.T.: 0.000 min
Response: 8797403
Conc: 94.83 ug/ml



#12 1-chlorooctadecane (SURR)

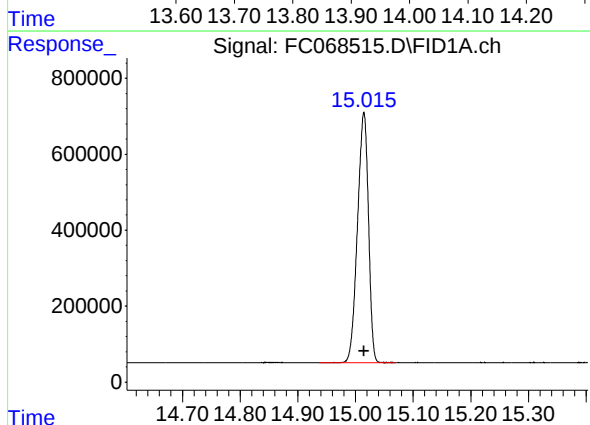
R.T.: 13.158 min
Delta R.T.: 0.000 min
Response: 8442696
Conc: 95.11 ug/ml



#13 n-Docosane (C22)

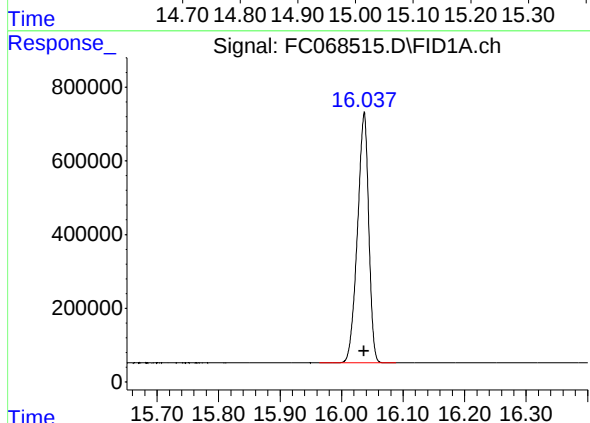
R.T.: 13.911 min
Delta R.T.: 0.000 min
Response: 8749331
Conc: 94.99 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



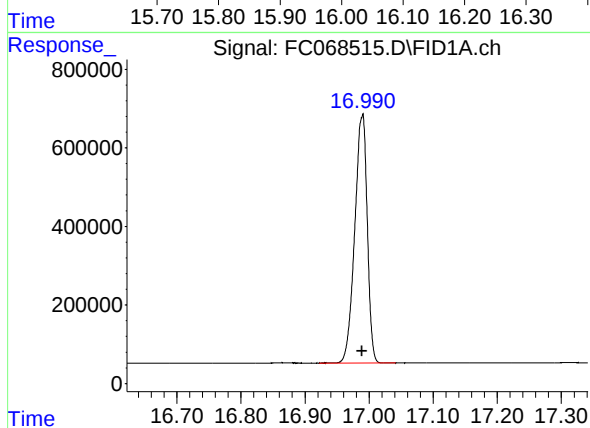
#14 n-Tetracosane (C24)

R.T.: 15.015 min
Delta R.T.: 0.000 min
Response: 8697977
Conc: 95.53 ug/ml



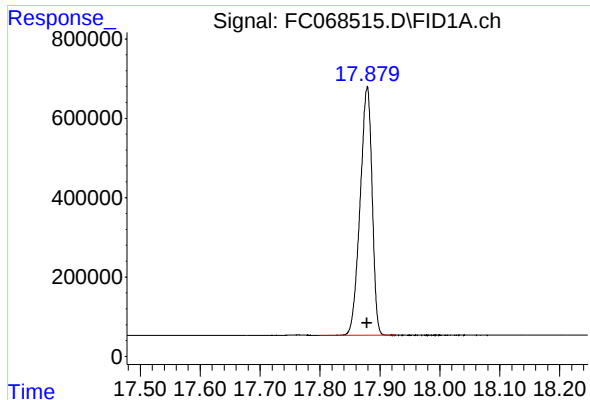
#15 n-Hexacosane (C26)

R.T.: 16.037 min
Delta R.T.: 0.000 min
Response: 8653533
Conc: 96.21 ug/ml



#16 n-Octacosane (C28)

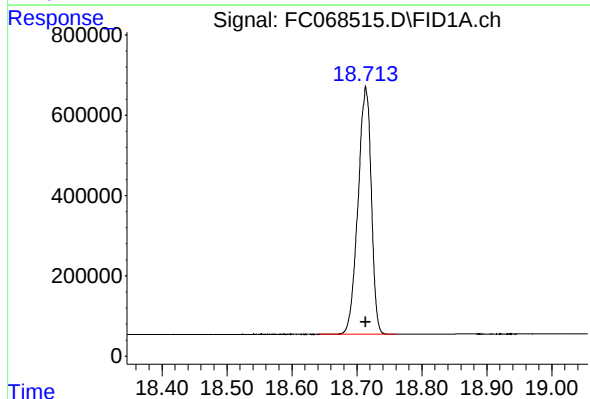
R.T.: 16.989 min
Delta R.T.: 0.000 min
Response: 8580688
Conc: 96.92 ug/ml



#17 n-Tricontane (C30)

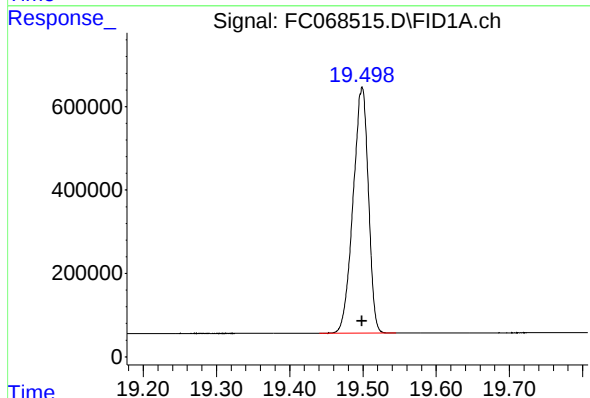
R.T.: 17.879 min
Delta R.T.: 0.000 min
Response: 8693384
Conc: 97.56 ug/ml

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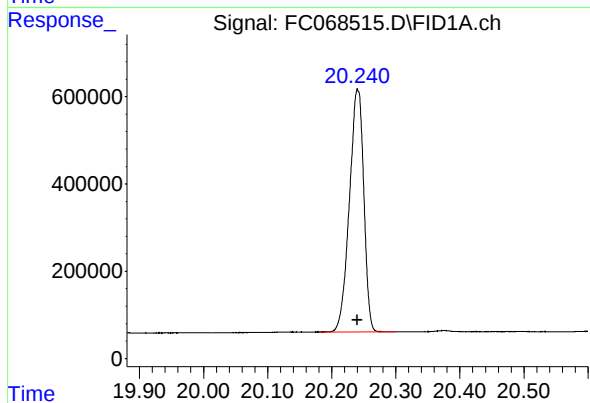
#18 n-Dotriacontane (C32)

R.T.: 18.714 min
Delta R.T.: 0.000 min
Response: 8726742
Conc: 98.11 ug/ml



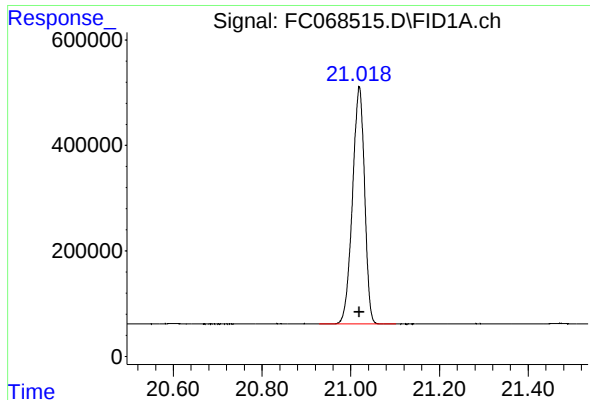
#19 n-Tetratriacontane (C34)

R.T.: 19.499 min
Delta R.T.: 0.000 min
Response: 8562598
Conc: 98.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.240 min
Delta R.T.: 0.000 min
Response: 8639575
Conc: 98.69 ug/ml



#21 n-Octatriacontane (C38)

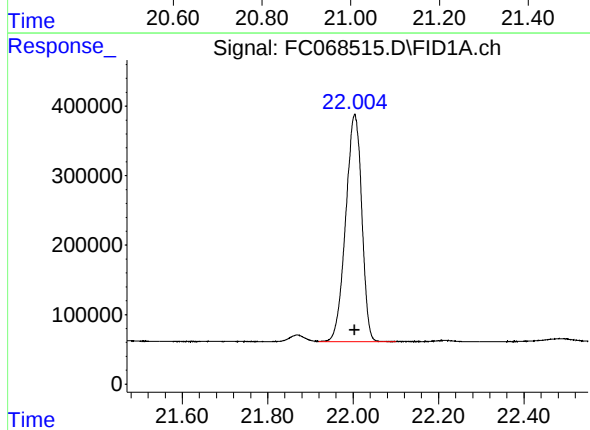
R.T.: 21.019 min
Delta R.T.: 0.000 min
Response: 8521663
Conc: 98.54 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: 0.000 min
Response: 8542254
Conc: 98.69 ug/ml