

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050625AL\
 Data File : FC068781.D
 Signal(s) : FID1A.ch
 Acq On : 06 May 2025 15:33
 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: May 07 08:36:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:32:40 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)	11.719	10663591	90.357 ug/ml
Spiked Amount 50.000		Recovery =	180.71%
12) S 1-chlorooctadecane (S...	13.148	7506812	90.440 ug/ml
Spiked Amount 50.000		Recovery =	180.88%
Target Compounds			
1) T n-Nonane (C9)	3.446	9452990	91.096 ug/ml
2) T n-Decane (C10)	4.522	9350074	91.009 ug/ml
3) T A~Naphthalene (C11.7)	6.120	10375040	91.117 ug/ml
4) T n-Dodecane (C12)	6.547	9077767	90.560 ug/ml
5) T A~2-methylnaphthalene...	7.179	10106516	90.819 ug/ml
6) T n-Tetradecane (C14)	8.345	8598731	90.089 ug/ml
7) T n-Hexadecane (C16)	9.948	8314084	89.600 ug/ml
8) T n-Octadecane (C18)	11.393	8110111	89.374 ug/ml
10) T n-Eicosane (C20)	12.703	7900541	89.681 ug/ml
11) T n-Heneicosane (C21)	13.316	7834158	89.765 ug/ml
13) T n-Docosane (C22)	13.902	7786407	90.161 ug/ml
14) T n-Tetracosane (C24)	15.007	7763690	90.799 ug/ml
15) T n-Hexacosane (C26)	16.028	7766538	91.654 ug/ml
16) T n-Octacosane (C28)	16.979	7770168	92.247 ug/ml
17) T n-Tricontane (C30)	17.869	7942026	92.146 ug/ml
18) T n-Dotriacontane (C32)	18.703	8053843	92.130 ug/ml
19) T n-Tetratriacontane (C34)	19.488	7971732	92.003 ug/ml
20) T n-Hexatriacontane (C36)	20.229	8070568	92.069 ug/ml
21) T n-Octatriacontane (C38)	21.005	7905156	92.304 ug/ml
22) T n-Tetracontane (C40)	21.984	7777176	92.883 ug/ml

(f)=RT Delta > 1/2 Window

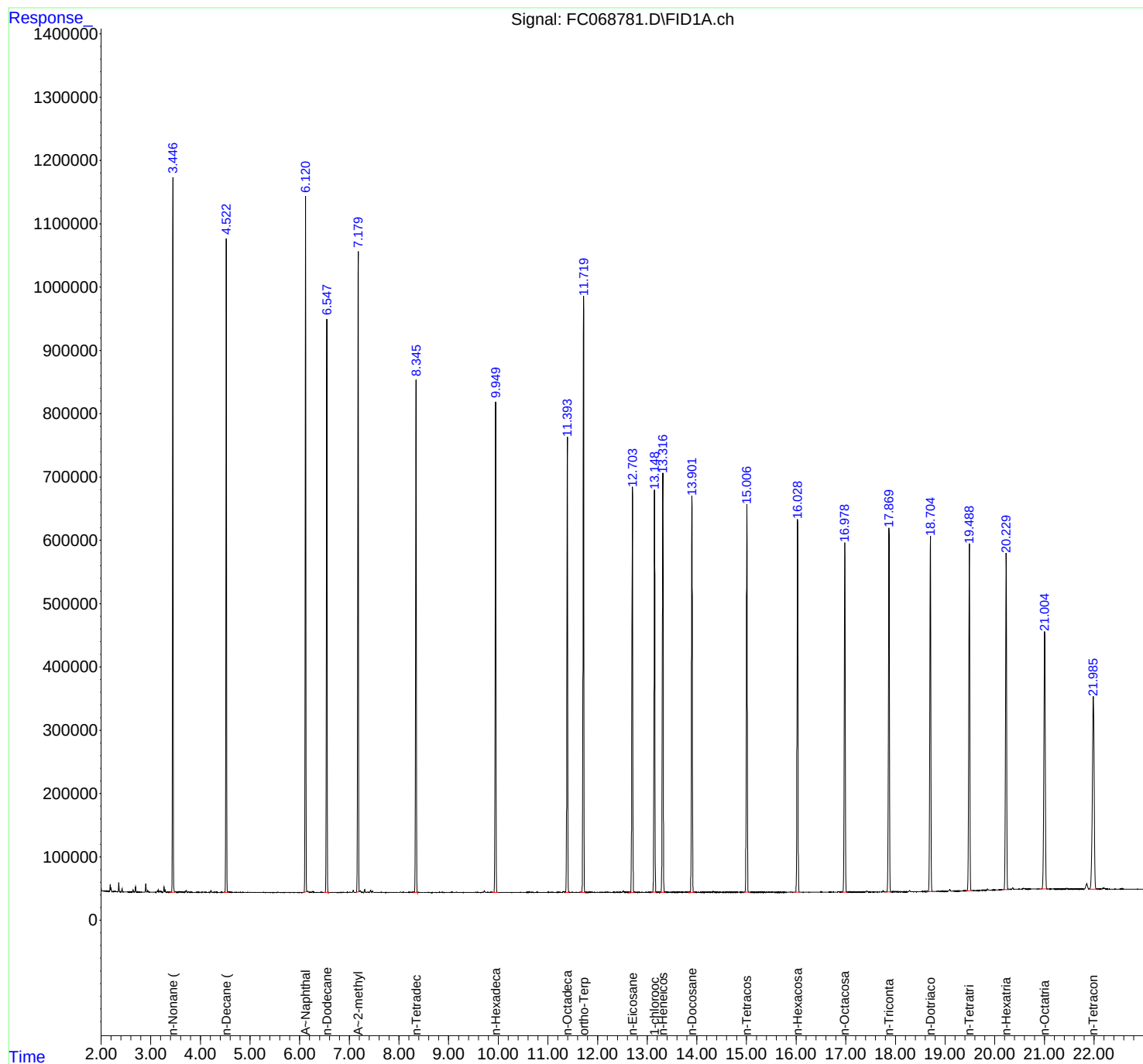
(m)=manual int.

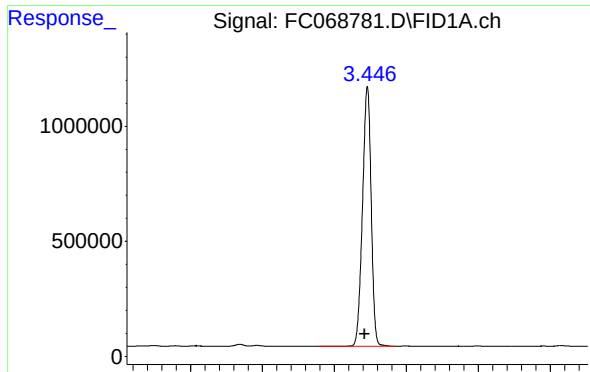
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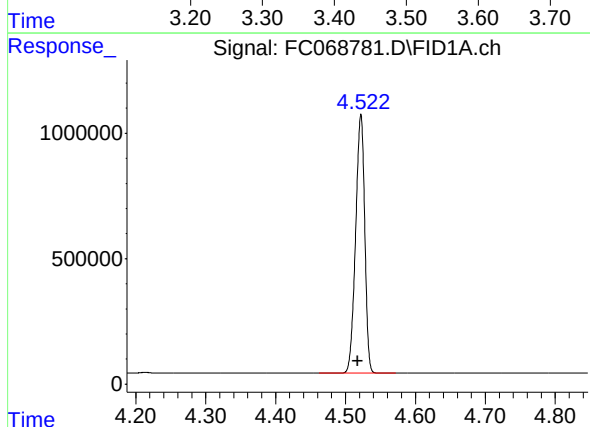




#1 n-Nonane (C9)

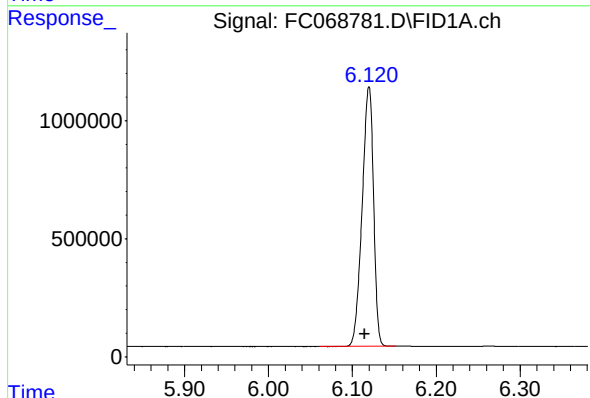
R.T.: 3.446 min
Delta R.T.: 0.004 min
Response: 9452990
Conc: 91.10 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



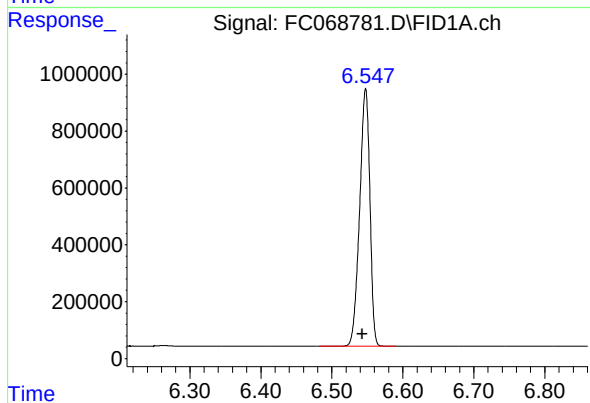
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.004 min
Response: 9350074
Conc: 91.01 ug/ml



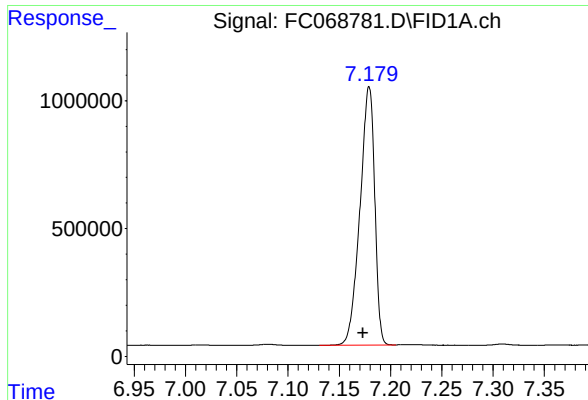
#3 A~Naphthalene (C11.7)

R.T.: 6.120 min
Delta R.T.: 0.005 min
Response: 10375040
Conc: 91.12 ug/ml



#4 n-Dodecane (C12)

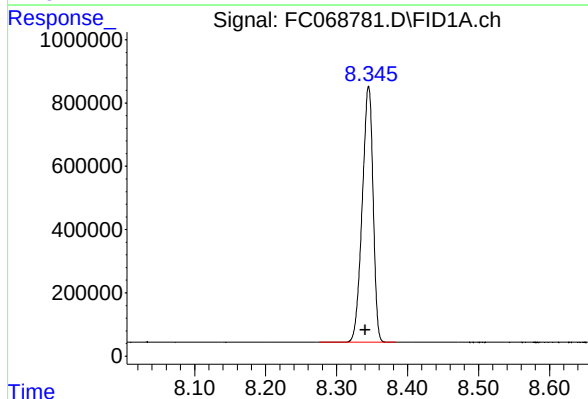
R.T.: 6.547 min
Delta R.T.: 0.004 min
Response: 9077767
Conc: 90.56 ug/ml



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

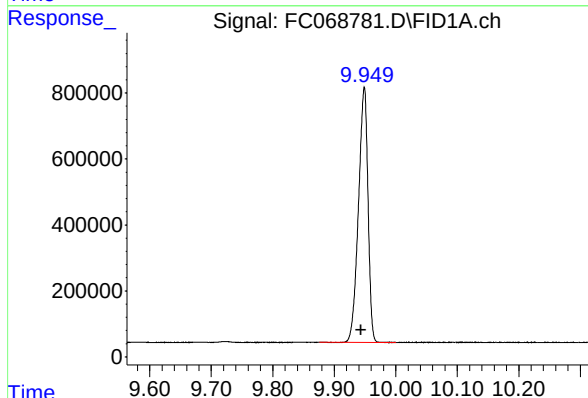
R.T.: 7.179 min
Delta R.T.: 0.006 min
Response: 10106516
Conc: 90.82 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



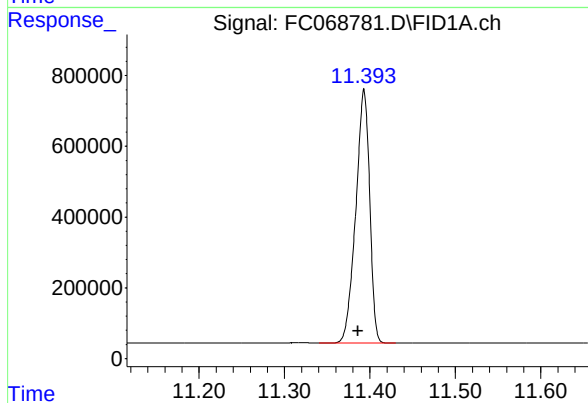
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: 0.004 min
Response: 8598731
Conc: 90.09 ug/ml



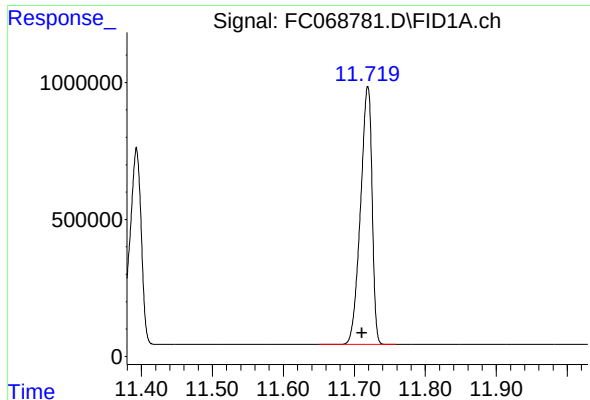
#7 n-Hexadecane (C16)

R.T.: 9.948 min
Delta R.T.: 0.005 min
Response: 8314084
Conc: 89.60 ug/ml



#8 n-Octadecane (C18)

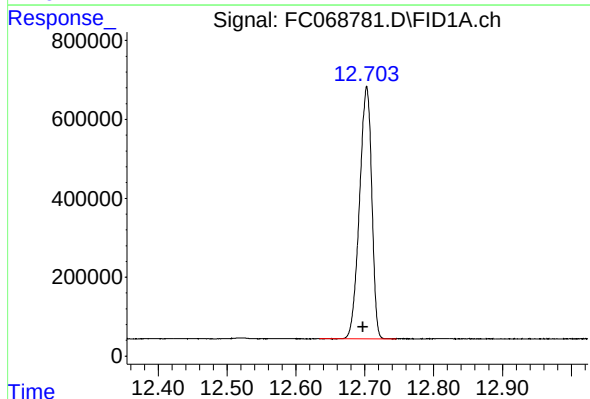
R.T.: 11.393 min
Delta R.T.: 0.007 min
Response: 8110111
Conc: 89.37 ug/ml



#9 ortho-Terphenyl (SURR)

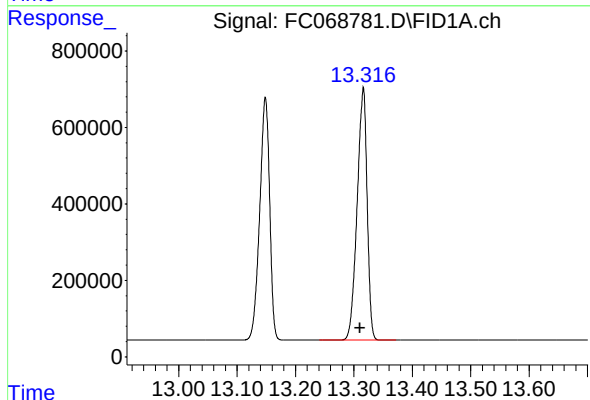
R.T.: 11.719 min
Delta R.T.: 0.008 min
Response: 10663591
Conc: 90.36 ug/ml

Instrument :
FID_C
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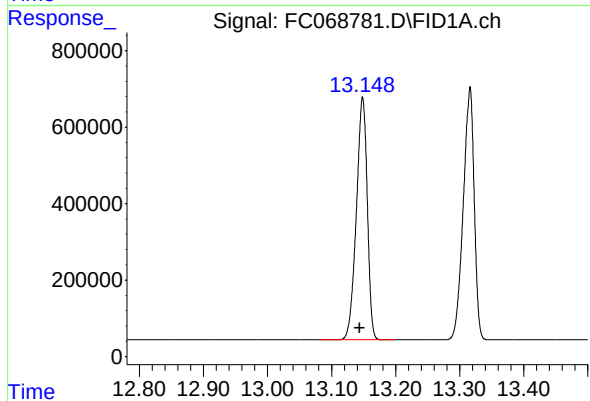
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: 0.005 min
Response: 7900541
Conc: 89.68 ug/ml



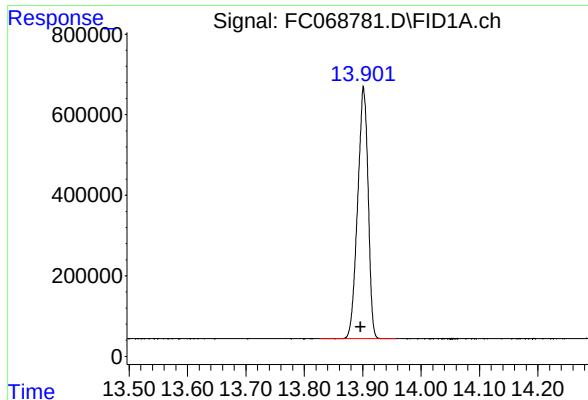
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: 0.005 min
Response: 7834158
Conc: 89.77 ug/ml



#12 1-chlorooctadecane (SURR)

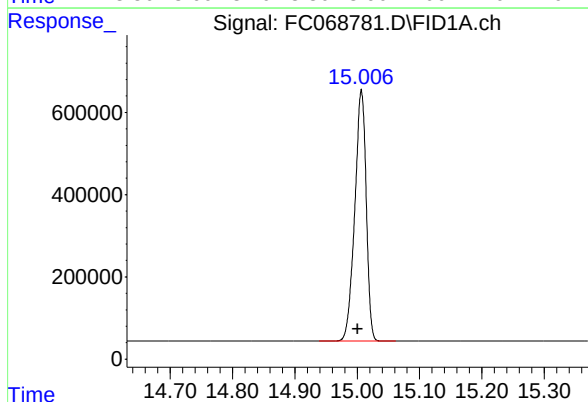
R.T.: 13.148 min
Delta R.T.: 0.004 min
Response: 7506812
Conc: 90.44 ug/ml



#13 n-Docosane (C22)

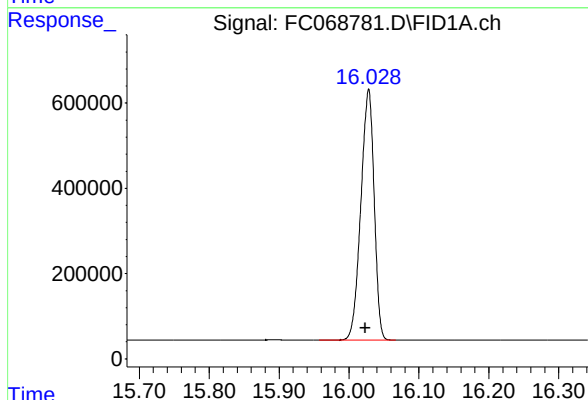
R.T.: 13.902 min
Delta R.T.: 0.005 min
Response: 7786407
Conc: 90.16 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



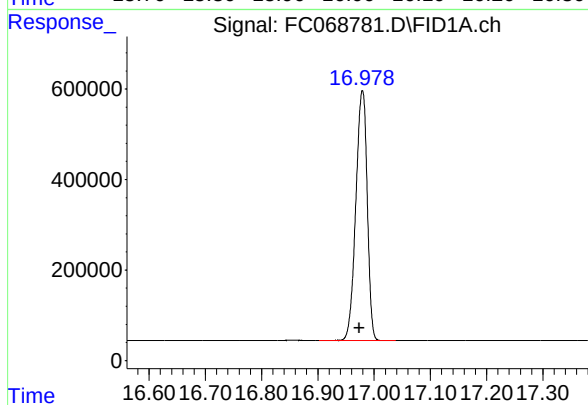
#14 n-Tetracosane (C24)

R.T.: 15.007 min
Delta R.T.: 0.006 min
Response: 7763690
Conc: 90.80 ug/ml



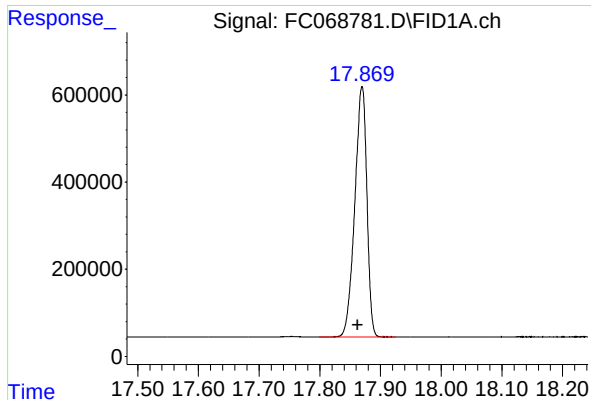
#15 n-Hexacosane (C26)

R.T.: 16.028 min
Delta R.T.: 0.005 min
Response: 7766538
Conc: 91.65 ug/ml



#16 n-Octacosane (C28)

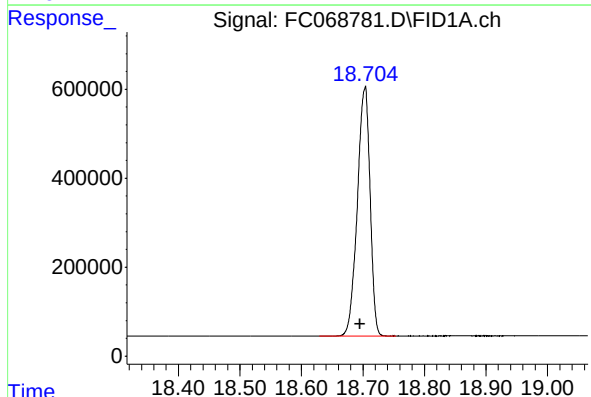
R.T.: 16.979 min
Delta R.T.: 0.005 min
Response: 7770168
Conc: 92.25 ug/ml



#17 n-Tricontane (C30)

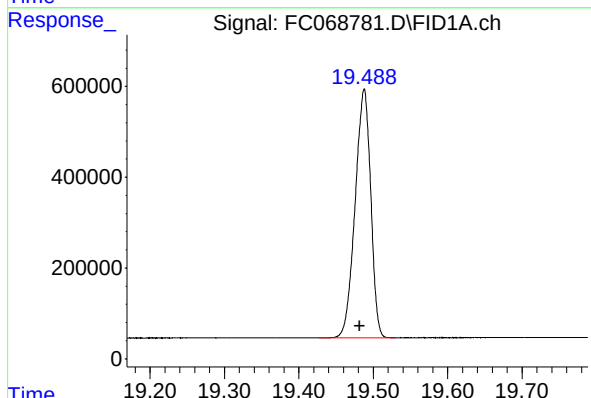
R.T.: 17.869 min
Delta R.T.: 0.007 min
Response: 7942026
Conc: 92.15 ug/ml

Instrument :
FID_C
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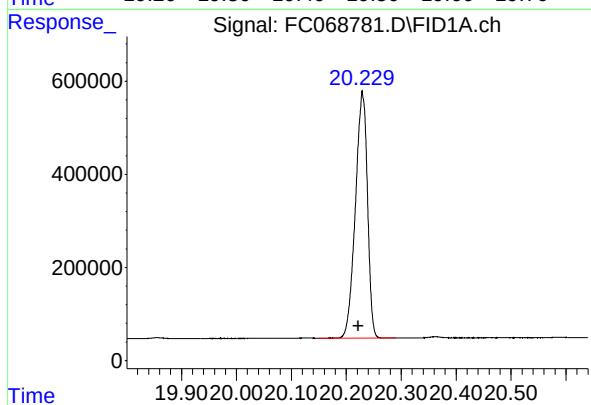
#18 n-Dotriacontane (C32)

R.T.: 18.703 min
Delta R.T.: 0.007 min
Response: 8053843
Conc: 92.13 ug/ml



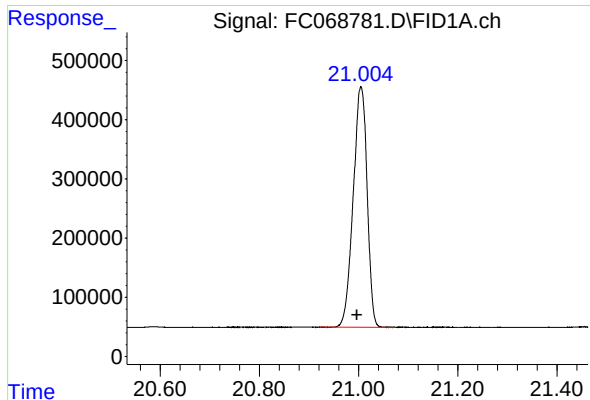
#19 n-Tetatriacontane (C34)

R.T.: 19.488 min
Delta R.T.: 0.006 min
Response: 7971732
Conc: 92.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.229 min
Delta R.T.: 0.007 min
Response: 8070568
Conc: 92.07 ug/ml



#21 n-Octatriacontane (C38)

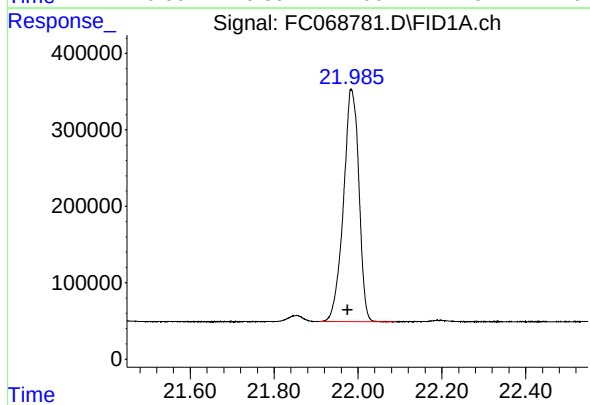
R.T.: 21.005 min
Delta R.T.: 0.008 min
Response: 7905156
Conc: 92.30 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: 0.009 min
Response: 7777176
Conc: 92.88 ug/ml