

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102823AL\
 Data File : FC064937.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2023 17:07
 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: Oct 28 02:07:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:05:03 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)	11.532	20119028	94.010 ug/ml
Spiked Amount 50.000		Recovery =	188.02%
12) S 1-chlorooctadecane (S...	12.963	14673482	94.434 ug/ml
Spiked Amount 50.000		Recovery =	188.87%
Target Compounds			
1) T n-Nonane (C9)	3.326	17439073	94.260 ug/ml
2) T n-Decane (C10)	4.388	17642279	94.311 ug/ml
3) T A~Naphthalene (C11.7)	5.967	19155008	96.906 ug/ml
4) T n-Dodecane (C12)	6.398	17818591	94.015 ug/ml
5) T A~2-methylnaphthalene...	7.021	18692510	97.828 ug/ml
6) T n-Tetradecane (C14)	8.186	17555293	94.405 ug/ml
7) T n-Hexadecane (C16)	9.781	17604483	94.524 ug/ml
8) T n-Octadecane (C18)	11.218	17360588	94.028 ug/ml
10) T n-Eicosane (C20)	12.519	16459371	93.832 ug/ml
11) T n-Heneicosane (C21)	13.129	16043932	93.879 ug/ml
13) T n-Docosane (C22)	13.713	15670602	93.563 ug/ml
14) T n-Tetracosane (C24)	14.810	15055955	92.903 ug/ml
15) T n-Hexacosane (C26)	15.824	14444803	92.768 ug/ml
16) T n-Octacosane (C28)	16.770	13892615	91.974 ug/ml
17) T n-Tricontane (C30)	17.655	13805485	91.280 ug/ml
18) T n-Dotriacontane (C32)	18.485	13626402	90.850 ug/ml
19) T n-Tetratriacontane (C34)	19.264	13380084	91.765 ug/ml
20) T n-Hexatriacontane (C36)	20.000	13345914	92.443 ug/ml
21) T n-Octatriacontane (C38)	20.725	13248992	92.719 ug/ml
22) T n-Tetracontane (C40)	21.609	13162541	92.741 ug/ml

(f)=RT Delta > 1/2 Window

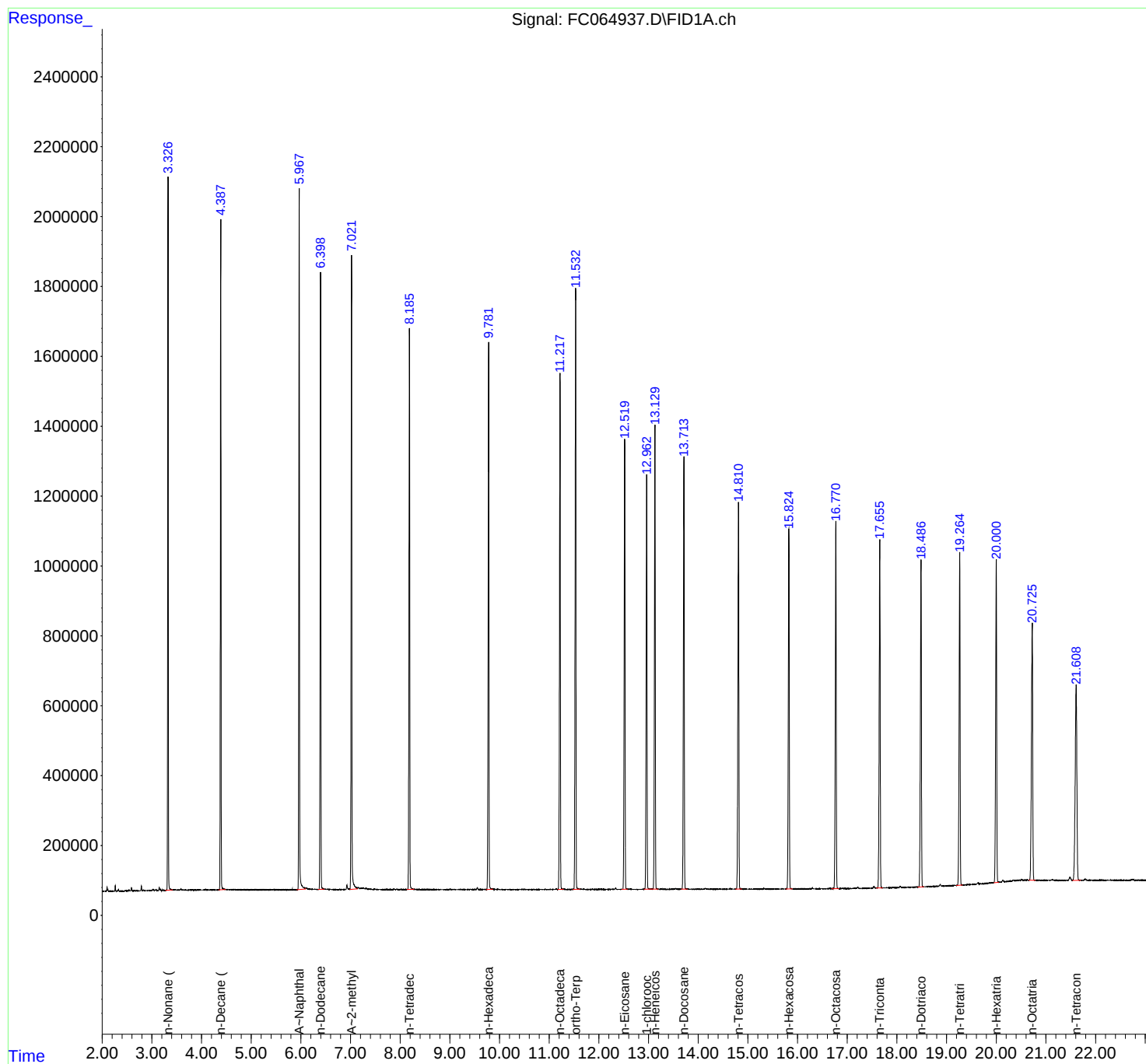
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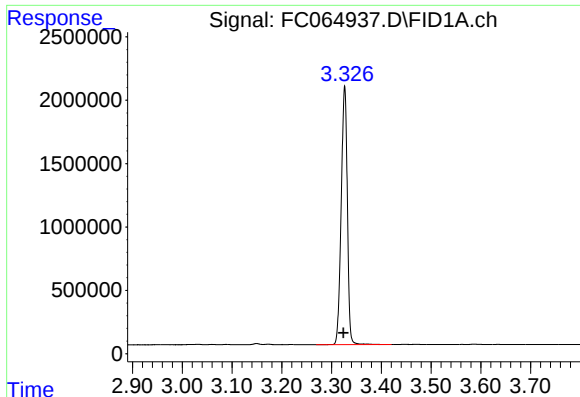
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#1 n-Nonane (C9)

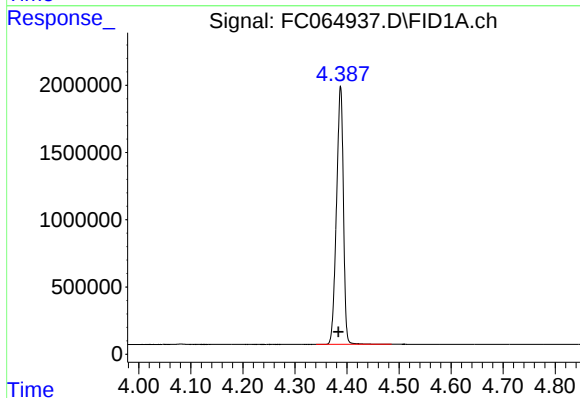
R.T.: 3.326 min
Delta R.T.: 0.002 min
Response: 17439073
Conc: 94.26 ug/ml

Instrument :

FID_C

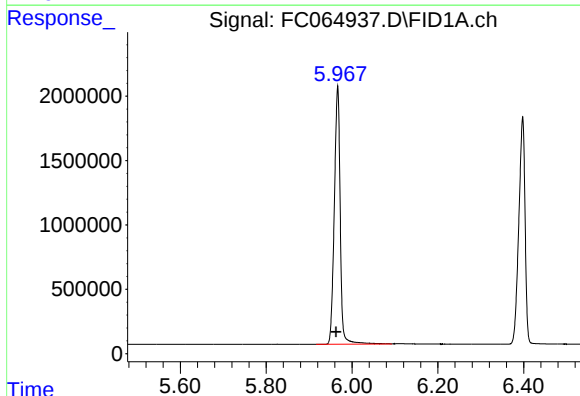
ClientSampleId :

100 PPM ALIPHATIC HC STD1



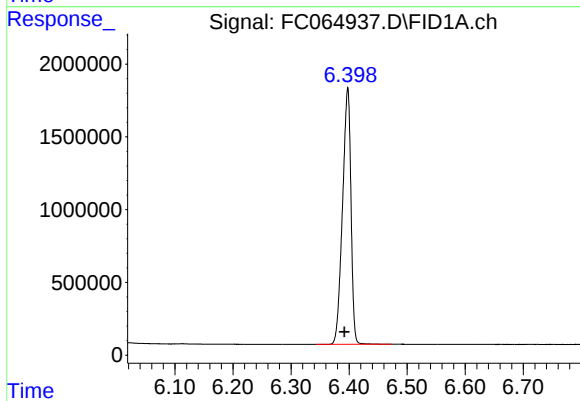
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: 0.004 min
Response: 17642279
Conc: 94.31 ug/ml



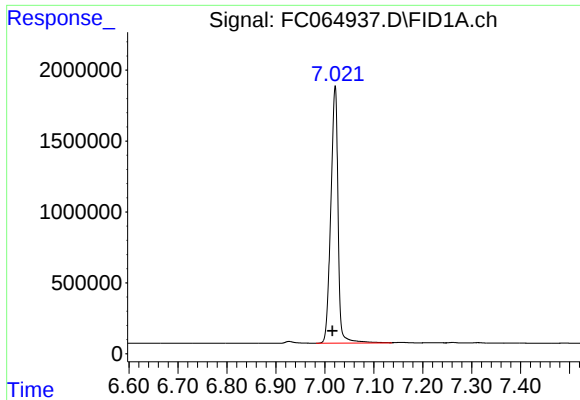
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: 0.004 min
Response: 19155008
Conc: 96.91 ug/ml



#4 n-Dodecane (C12)

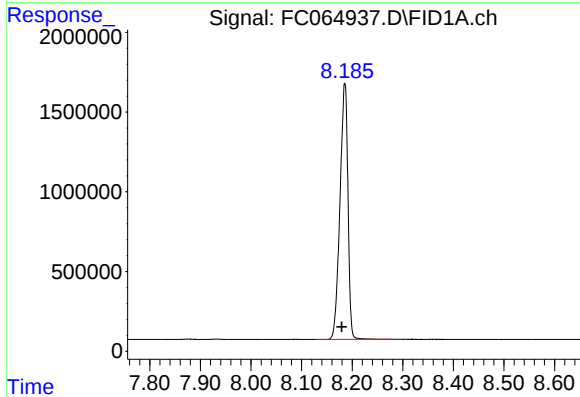
R.T.: 6.398 min
Delta R.T.: 0.006 min
Response: 17818591
Conc: 94.01 ug/ml



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

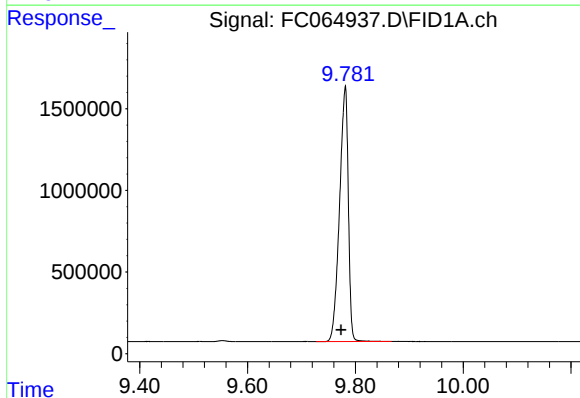
R.T.: 7.021 min
Delta R.T.: 0.006 min
Response: 18692510
Conc: 97.83 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



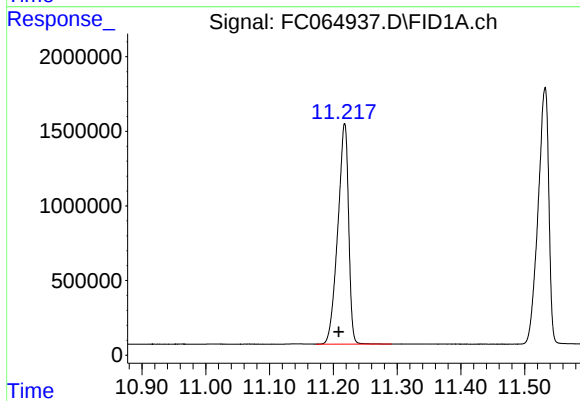
#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: 0.006 min
Response: 17555293
Conc: 94.41 ug/ml



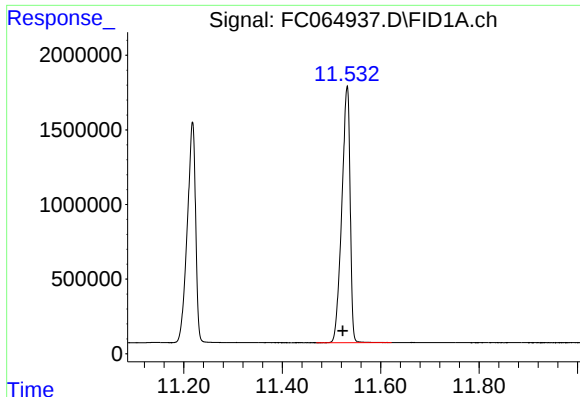
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.008 min
Response: 17604483
Conc: 94.52 ug/ml



#8 n-Octadecane (C18)

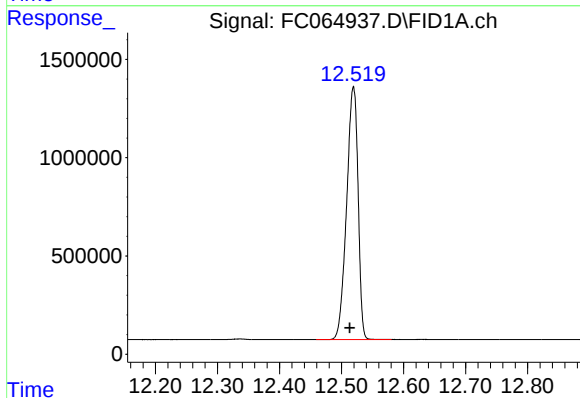
R.T.: 11.218 min
Delta R.T.: 0.009 min
Response: 17360588
Conc: 94.03 ug/ml



#9 ortho-Terphenyl (SURR)

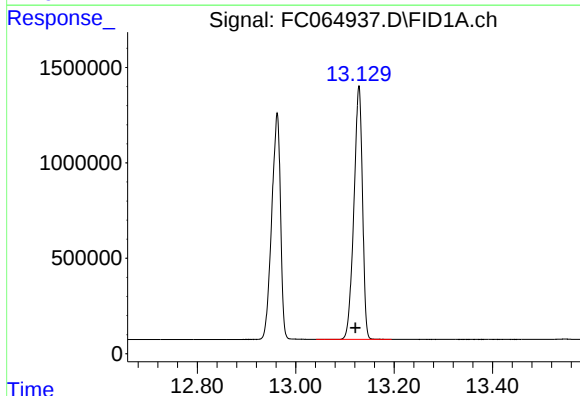
R.T.: 11.532 min
Delta R.T.: 0.009 min
Response: 20119028
Conc: 94.01 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



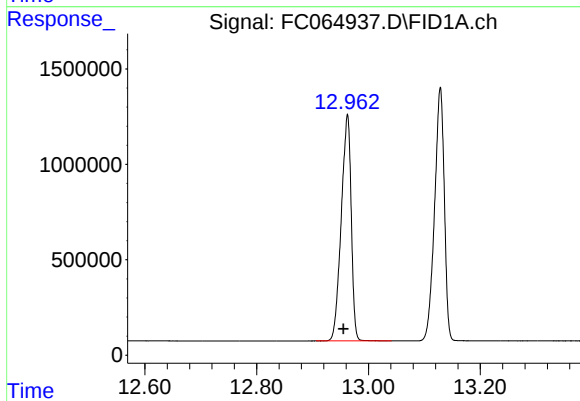
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: 0.006 min
Response: 16459371
Conc: 93.83 ug/ml



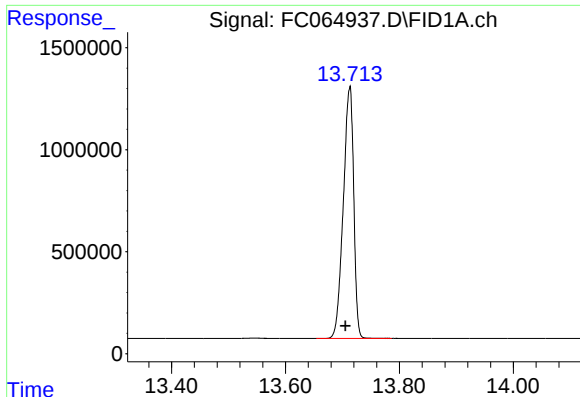
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.007 min
Response: 16043932
Conc: 93.88 ug/ml



#12 1-chlorooctadecane (SURR)

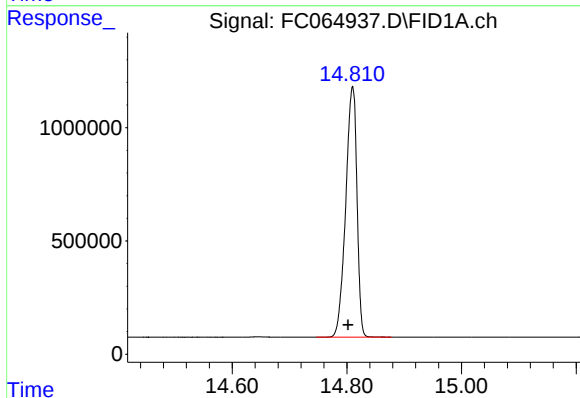
R.T.: 12.963 min
Delta R.T.: 0.008 min
Response: 14673482
Conc: 94.43 ug/ml



#13 n-Docosane (C22)

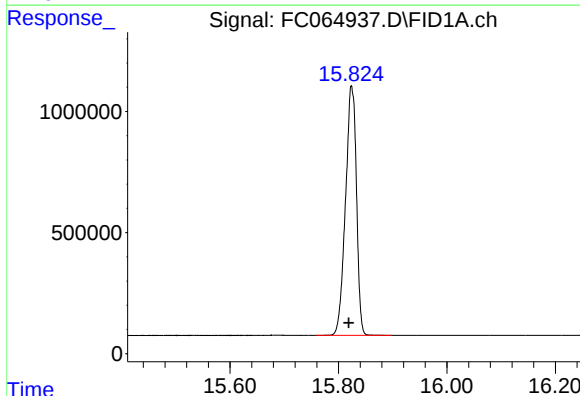
R.T.: 13.713 min
Delta R.T.: 0.008 min
Response: 15670602
Conc: 93.56 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



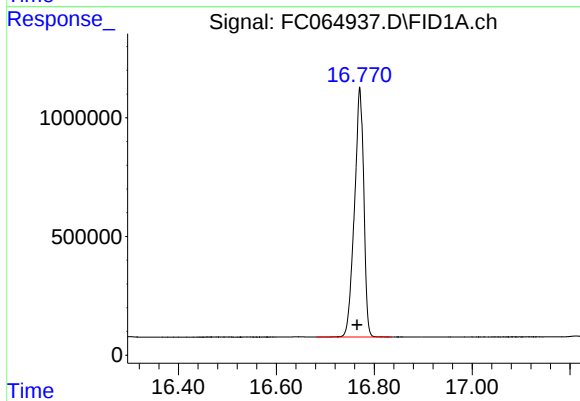
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: 0.008 min
Response: 15055955
Conc: 92.90 ug/ml



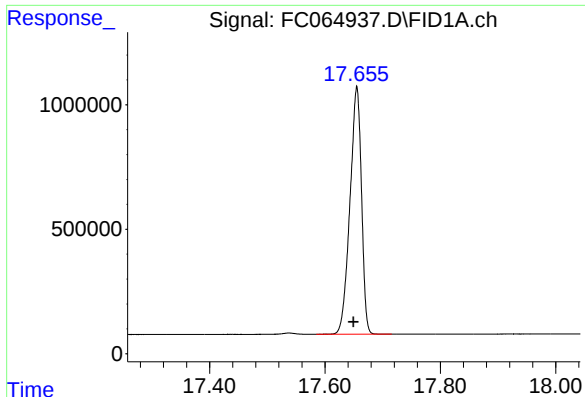
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.005 min
Response: 14444803
Conc: 92.77 ug/ml



#16 n-Octacosane (C28)

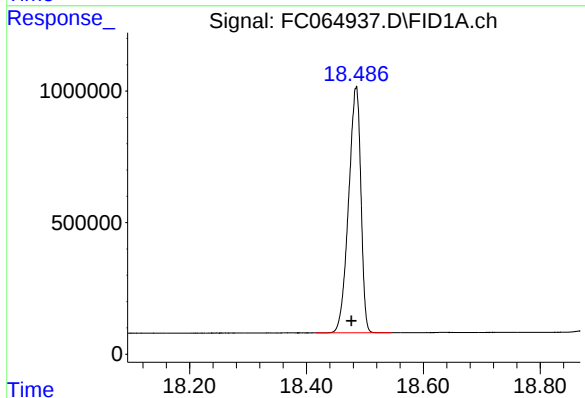
R.T.: 16.770 min
Delta R.T.: 0.006 min
Response: 13892615
Conc: 91.97 ug/ml



#17 n-Tricontane (C30)

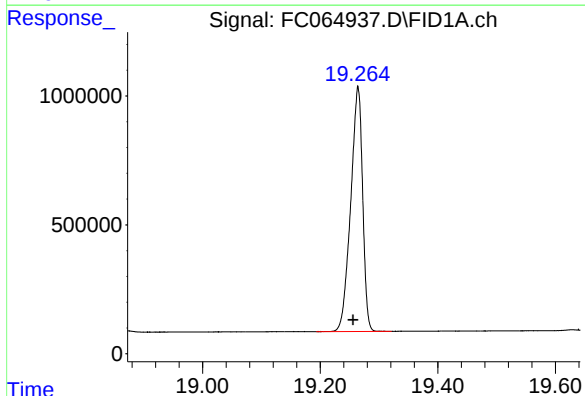
R.T.: 17.655 min
Delta R.T.: 0.006 min
Response: 13805485
Conc: 91.28 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



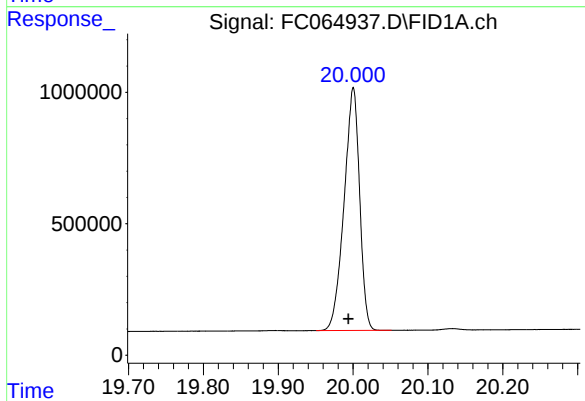
#18 n-Dotriacontane (C32)

R.T.: 18.485 min
Delta R.T.: 0.008 min
Response: 13626402
Conc: 90.85 ug/ml



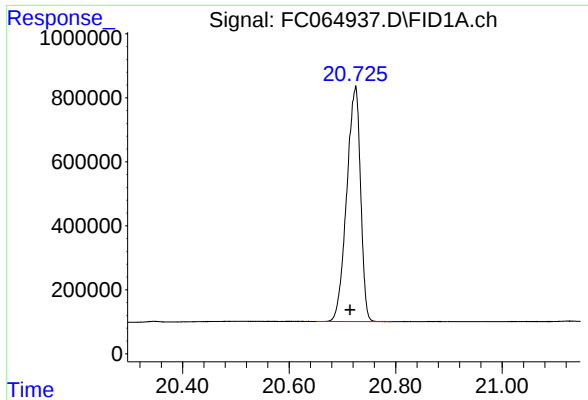
#19 n-Tetratriacontane (C34)

R.T.: 19.264 min
Delta R.T.: 0.009 min
Response: 13380084
Conc: 91.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.000 min
Delta R.T.: 0.007 min
Response: 13345914
Conc: 92.44 ug/ml



#21 n-Octatriacontane (C38)

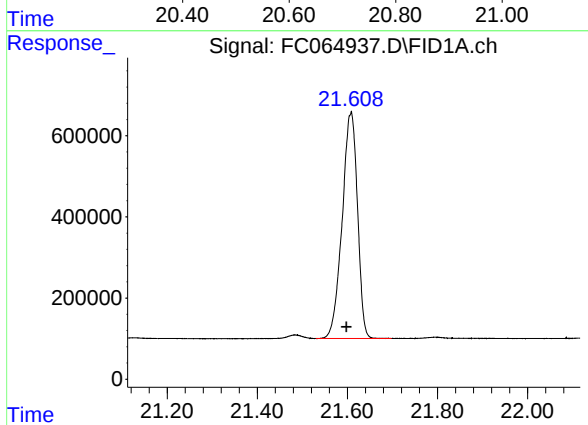
R.T.: 20.725 min
Delta R.T.: 0.011 min
Response: 13248992
Conc: 92.72 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: 0.011 min
Response: 13162541
Conc: 92.74 ug/ml