



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Lab Sample ID: 100 PPM ALIPATHIC HC

Acq On: 02 May 2023 16:52

Client Sample ID:

Operator: YP/AJ

Data file: FC063521.D

Misc:

Instrument: FID_C

ALS Vial: 6

Dilution Factor: 1

Sample Multiplier: 1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.197	6.483	38779561.000	300.000	ug/ml
Aliphatic C12-C16	6.484	9.877	25906181.000	200.000	ug/ml
Aliphatic C16-C21	9.878	13.235	38415048.000	300.000	ug/ml
Aliphatic C21-C28	13.236	16.888	49652621.000	400.000	ug/ml
Aliphatic C28-C40	16.889	21.746	68529058.000	600.000	ug/ml
Aliphatic EPH	3.197		221282469.000	1800.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063521.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 16:52
 Operator : YP/AJ
 Sample : 100 PPM ALIPATHIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPATHIC HC STD1

Integration File: autoint1.e
 Quant Time: May 03 00:26:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:24:00 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)	11.541	15236022	98.248 ug/ml
Spiked Amount 50.000		Recovery =	196.50%
12) S 1-chlorooctadecane (S...	12.974	10809443	99.867 ug/ml
Spiked Amount 50.000		Recovery =	199.73%
Target Compounds			
1) T n-Nonane (C9)	3.300	12805366	98.209 ug/ml
2) T n-Decane (C10)	4.368	12985760	98.464 ug/ml
3) T A~Naphthalene (C11.7)	5.953	14134042	101.134 ug/ml
4) T n-Dodecane (C12)	6.388	12988435	98.702 ug/ml
5) T A~2-methylnaphthalene...	7.011	13552839	101.159 ug/ml
6) T n-Tetradecane (C14)	8.183	12818647	98.837 ug/ml
7) T n-Hexadecane (C16)	9.783	13087534	98.797 ug/ml
8) T n-Octadecane (C18)	11.226	13217094	98.103 ug/ml
10) T n-Eicosane (C20)	12.532	12679872	98.094 ug/ml
11) T n-Heneicosane (C21)	13.143	12518082	98.154 ug/ml
13) T n-Docosane (C22)	13.727	12476200	98.177 ug/ml
14) T n-Tetracosane (C24)	14.829	12526610	97.809 ug/ml
15) T n-Hexacosane (C26)	15.848	12414999	98.027 ug/ml
16) T n-Octacosane (C28)	16.796	12234812	97.928 ug/ml
17) T n-Tricontane (C30)	17.681	12429484	97.868 ug/ml
18) T n-Dotriacontane (C32)	18.514	12252208	97.983 ug/ml
19) T n-Tetratriacontane (C34)	19.294	12030511	98.428 ug/ml
20) T n-Hexatriacontane (C36)	20.032	11484392	98.979 ug/ml
21) T n-Octatriacontane (C38)	20.758	10780552	95.702 ug/ml
22) T n-Tetracontane (C40)	21.654	9551911	90.206 ug/ml

(f)=RT Delta > 1/2 Window

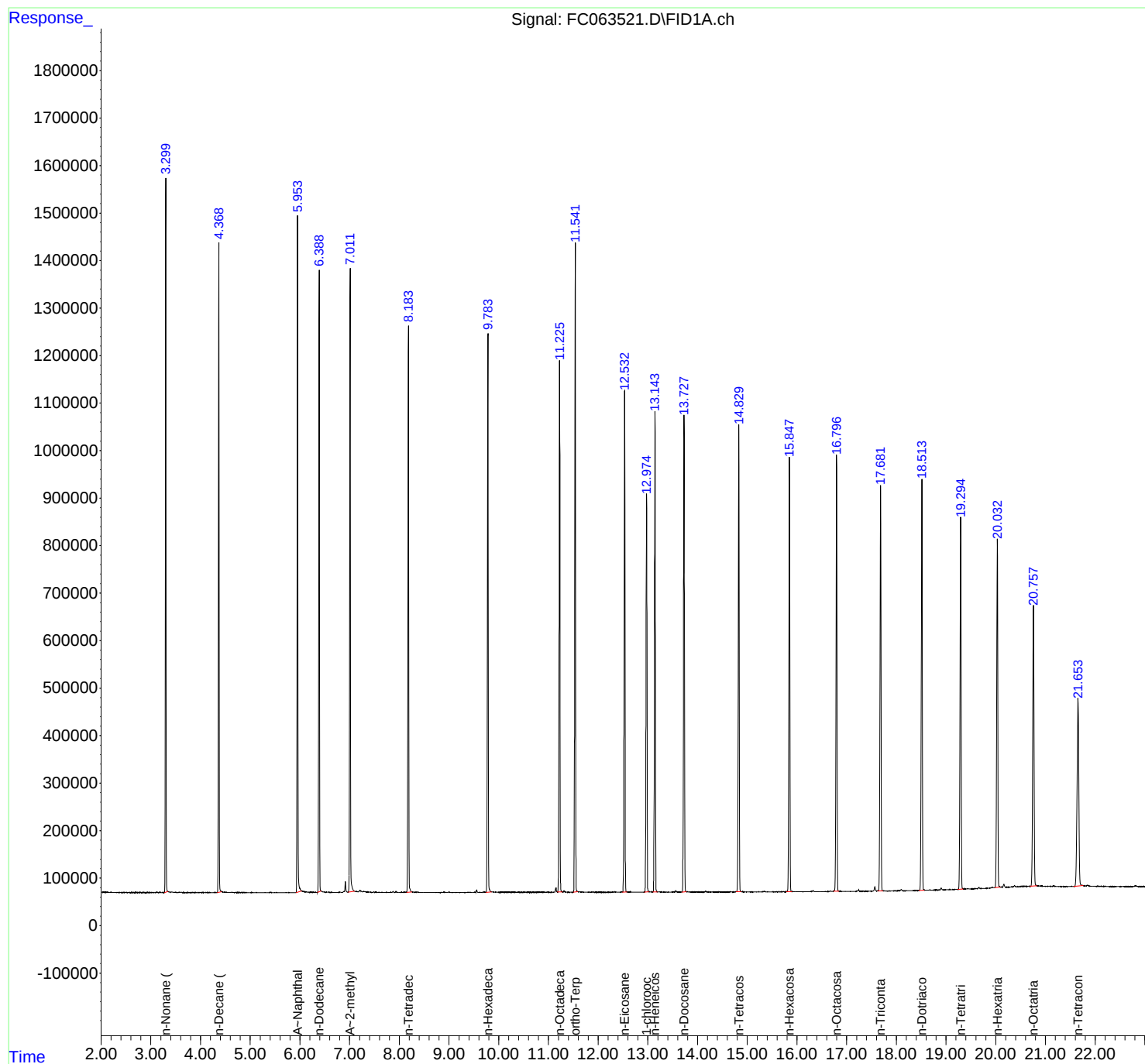
(m)=manual int.

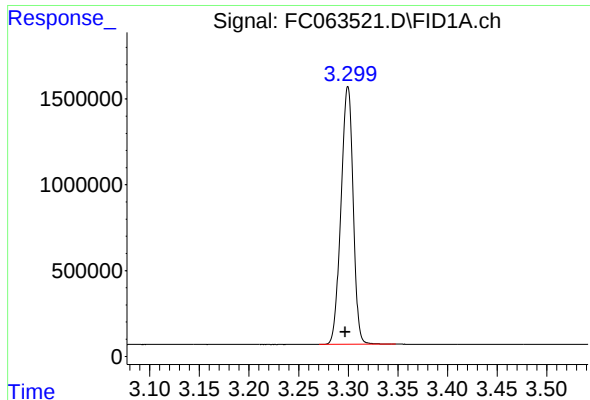
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Data File : FC063521.D
Signal(s) : FID1A.ch
Acq On : 02 May 2023 16:52
Operator : YP/AJ
Sample : 100 PPM ALIPATHIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPATHIC HC STD1

Integration File: autoint1.e
Quant Time: May 03 00:26:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
Quant Title : GC Extractables
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

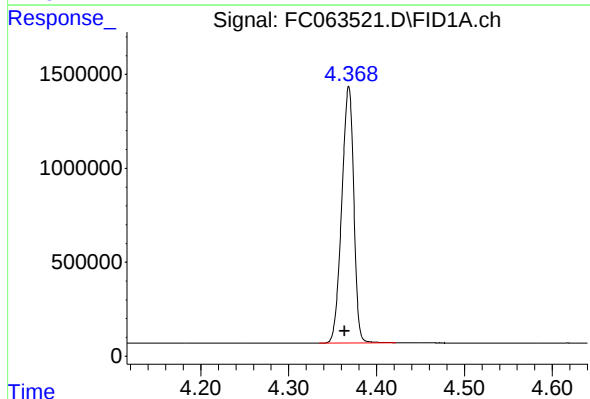




#1 n-Nonane (C9)

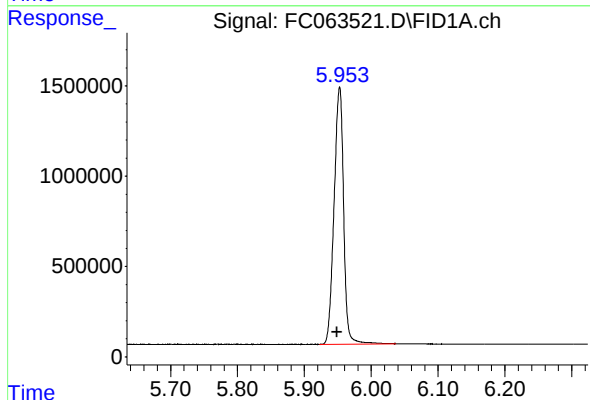
R.T.: 3.300 min
Delta R.T.: 0.003 min
Response: 12805366
Conc: 98.21 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



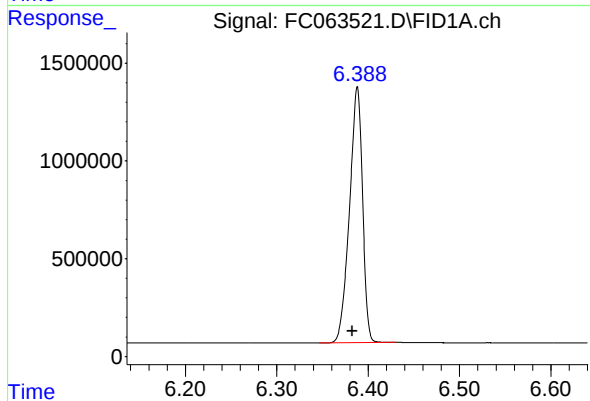
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.005 min
Response: 12985760
Conc: 98.46 ug/ml



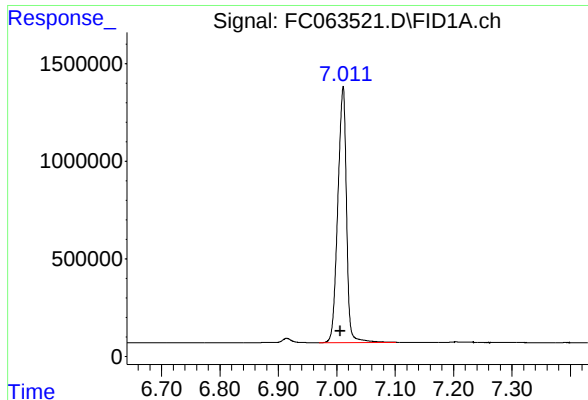
#3 n-Undecane (C11.7)

R.T.: 5.953 min
Delta R.T.: 0.004 min
Response: 14134042
Conc: 101.13 ug/ml



#4 n-Dodecane (C12)

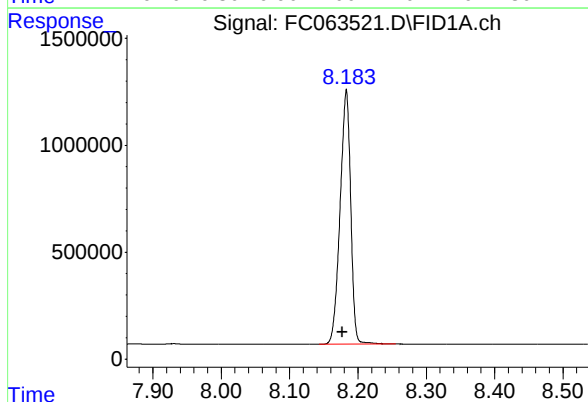
R.T.: 6.388 min
Delta R.T.: 0.006 min
Response: 12988435
Conc: 98.70 ug/ml



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

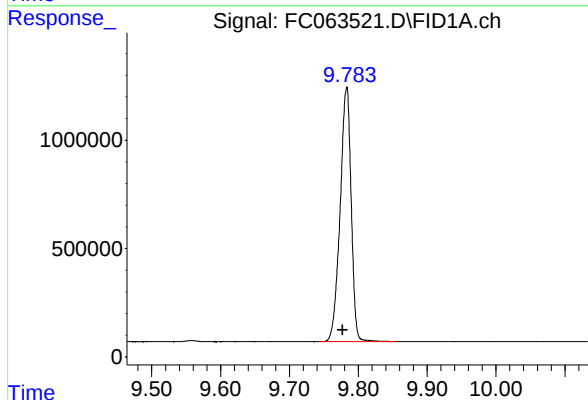
R.T.: 7.011 min
Delta R.T.: 0.005 min
Response: 13552839
Conc: 101.16 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPATHIC HC STD1



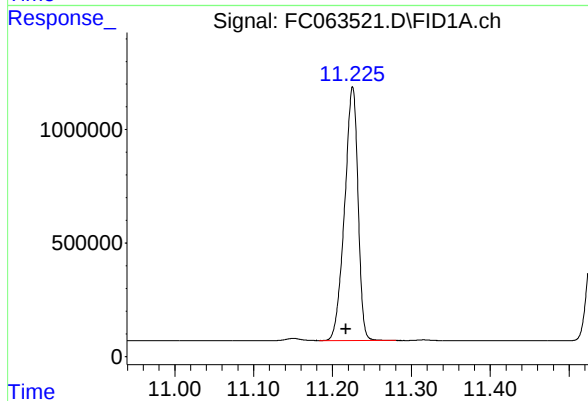
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.005 min
Response: 12818647
Conc: 98.84 ug/ml



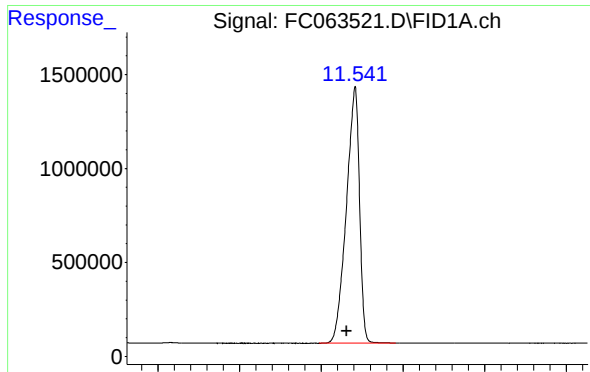
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: 0.006 min
Response: 13087534
Conc: 98.80 ug/ml



#8 n-Octadecane (C18)

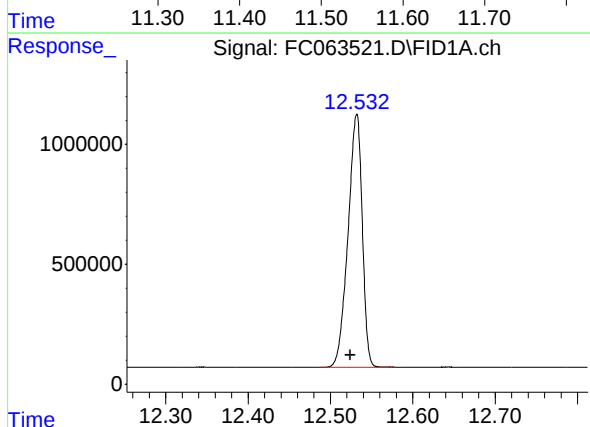
R.T.: 11.226 min
Delta R.T.: 0.008 min
Response: 13217094
Conc: 98.10 ug/ml



#9 ortho-Terphenyl (SURR)

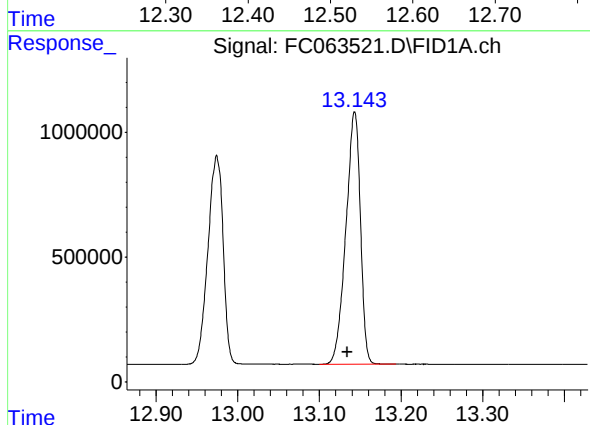
R.T.: 11.541 min
Delta R.T.: 0.011 min
Response: 15236022
Conc: 98.25 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



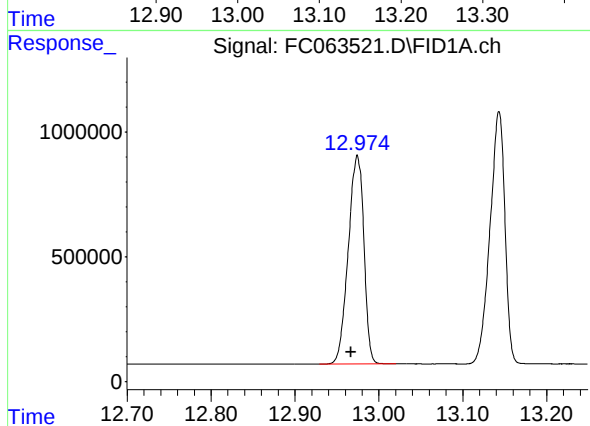
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: 0.008 min
Response: 12679872
Conc: 98.09 ug/ml



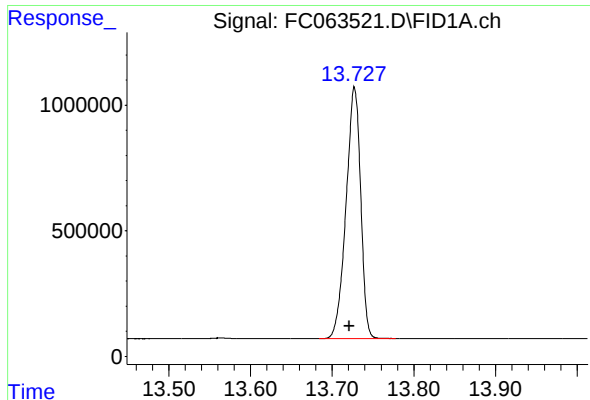
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: 0.009 min
Response: 12518082
Conc: 98.15 ug/ml



#12 1-chlorooctadecane (SURR)

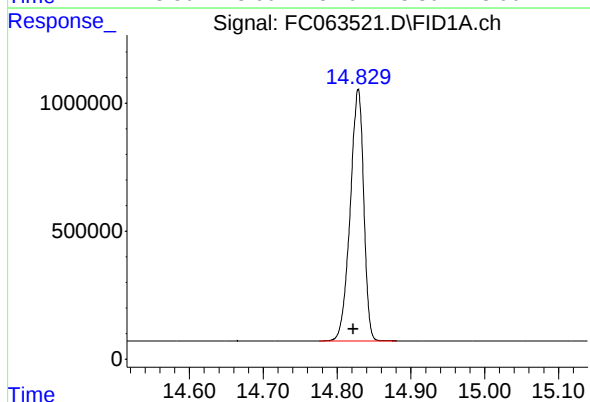
R.T.: 12.974 min
Delta R.T.: 0.007 min
Response: 10809443
Conc: 99.87 ug/ml



#13 n-Docosane (C22)

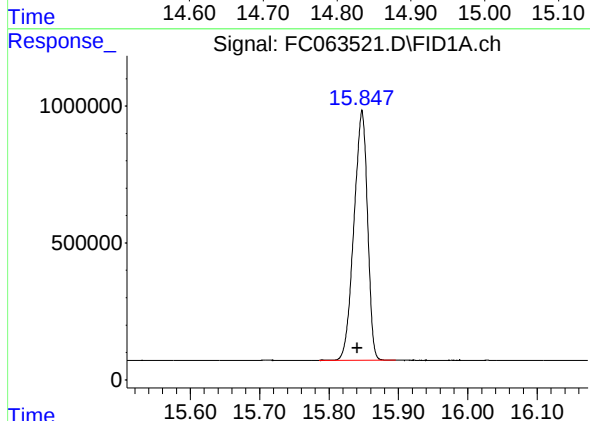
R.T.: 13.727 min
Delta R.T.: 0.006 min
Response: 12476200
Conc: 98.18 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



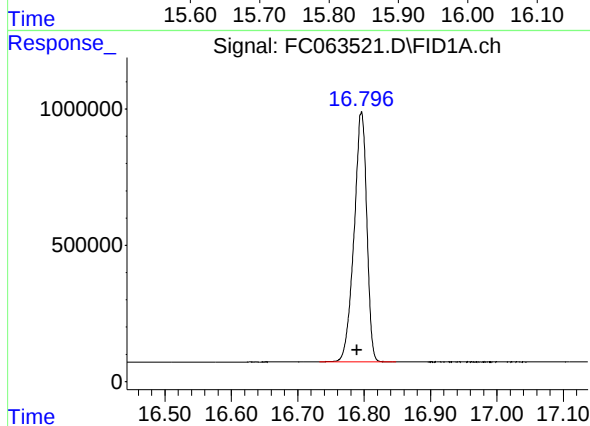
#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: 0.007 min
Response: 12526610
Conc: 97.81 ug/ml



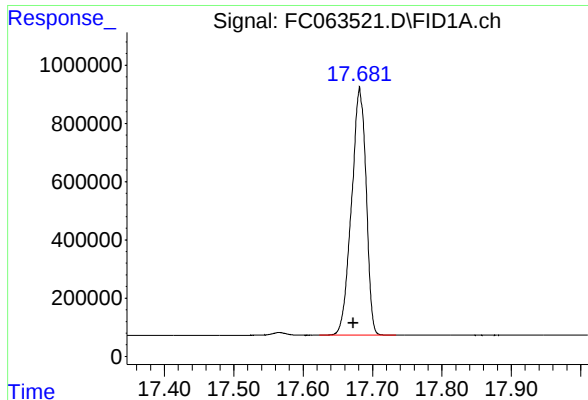
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: 0.007 min
Response: 12414999
Conc: 98.03 ug/ml



#16 n-Octacosane (C28)

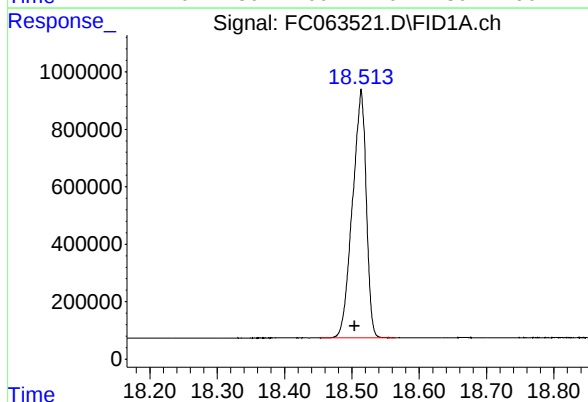
R.T.: 16.796 min
Delta R.T.: 0.007 min
Response: 12234812
Conc: 97.93 ug/ml



#17 n-Tricontane (C30)

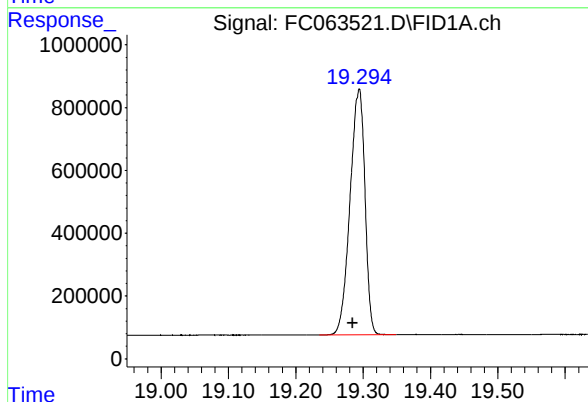
R.T.: 17.681 min
Delta R.T.: 0.009 min
Response: 12429484
Conc: 97.87 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



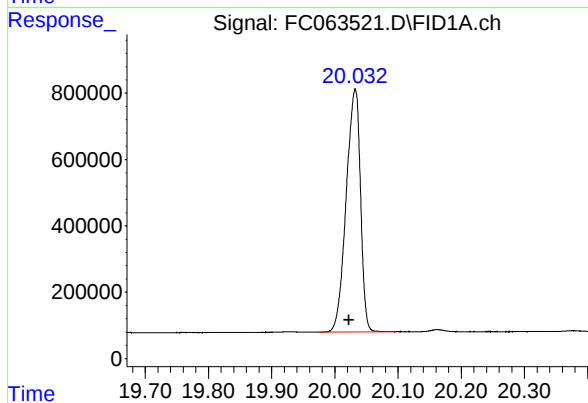
#18 n-Dotriacontane (C32)

R.T.: 18.514 min
Delta R.T.: 0.010 min
Response: 12252208
Conc: 97.98 ug/ml



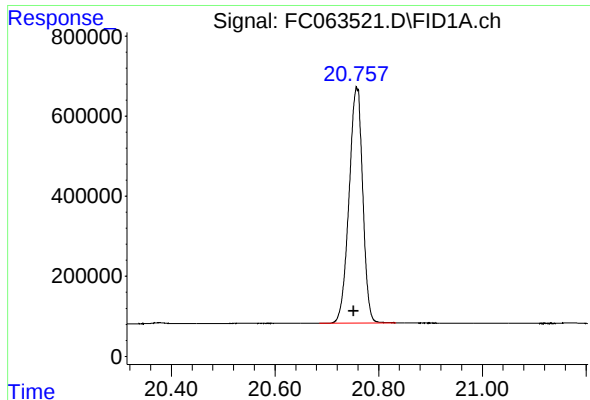
#19 n-Tetratriacontane (C34)

R.T.: 19.294 min
Delta R.T.: 0.010 min
Response: 12030511
Conc: 98.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.032 min
Delta R.T.: 0.010 min
Response: 11484392
Conc: 98.98 ug/ml



#21 n-Octatriacontane (C38)

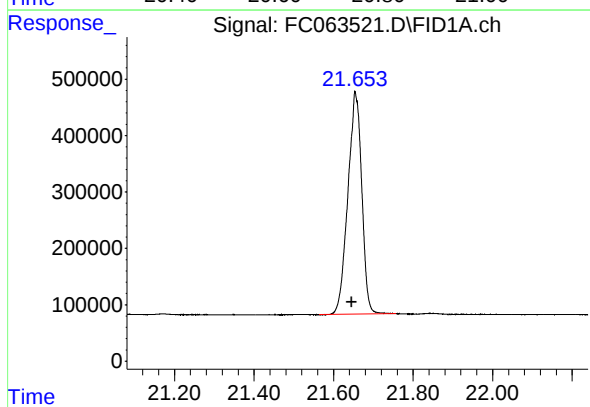
R.T.: 20.758 min
Delta R.T.: 0.006 min
Response: 10780552
Conc: 95.70 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.654 min
Delta R.T.: 0.009 min
Response: 9551911
Conc: 90.21 ug/ml