

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC113022AL\
 Data File : FC062334.D
 Signal(s) : FID1A.ch
 Acq On : 30 Nov 2022 22:38
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 01 02:51:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 2022
 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)	11.593	2639941	19.340 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
12) S 1-chlorooctadecane (S...	13.032	2055219	20.218 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
Target Compounds			
1) T n-Nonane (C9)	3.344	2769107	19.896 ug/ml
2) T n-Decane (C10)	4.412	2814919	20.805 ug/ml
3) T A~Naphthalene (C11.7)	5.999	2926567	19.976 ug/ml
4) T n-Dodecane (C12)	6.434	2818048	21.094 ug/ml
5) T A~2-methylnaphthalene...	7.058	2802207	20.897 ug/ml
6) T n-Tetradecane (C14)	8.232	2732602	20.933 ug/ml
7) T n-Hexadecane (C16)	9.835	2725937	21.026 ug/ml
8) T n-Octadecane (C18)	11.277	2662843	20.854 ug/ml
10) T n-Eicosane (C20)	12.588	2570675	21.148 ug/ml
11) T n-Heneicosane (C21)	13.199	2512273	20.845 ug/ml
13) T n-Docosane (C22)	13.785	2453027	20.809 ug/ml
14) T n-Tetracosane (C24)	14.887	2363681	20.542 ug/ml
15) T n-Hexacosane (C26)	15.907	2284924	20.507 ug/ml
16) T n-Octacosane (C28)	16.857	2269551	20.699 ug/ml
17) T n-Tricontane (C30)	17.744	2443702	22.315 ug/ml
18) T n-Dotriacontane (C32)	18.574	2521523	22.830 ug/ml
19) T n-Tetratriacontane (C34)	19.357	2406967	22.014 ug/ml
20) T n-Hexatriacontane (C36)	20.096	2347073	22.395 ug/ml
21) T n-Octatriacontane (C38)	20.835	2226191	21.510 ug/ml
22) T n-Tetracontane (C40)	21.758	2154824	20.991 ug/ml

(f)=RT Delta > 1/2 Window

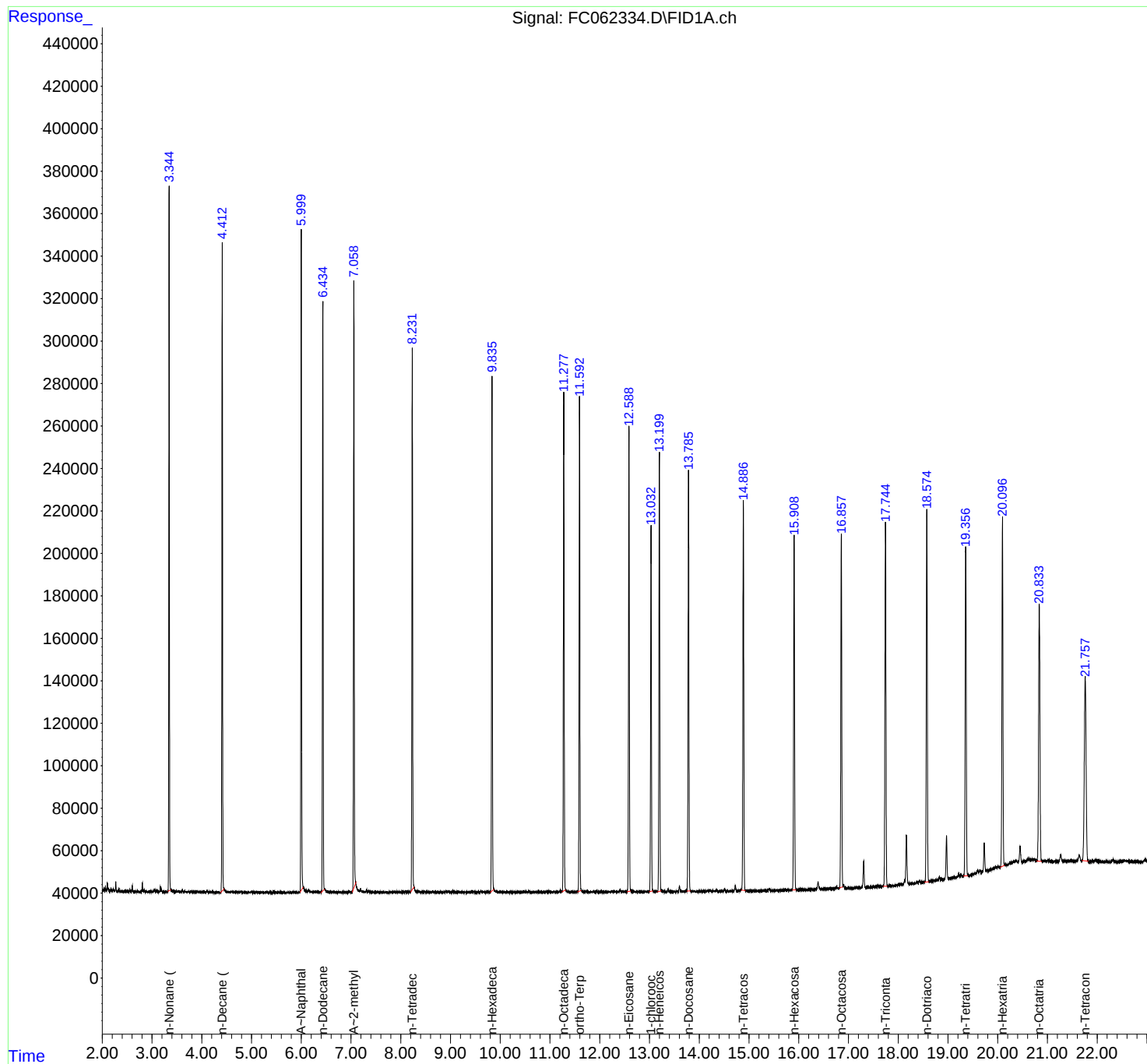
(m)=manual int.

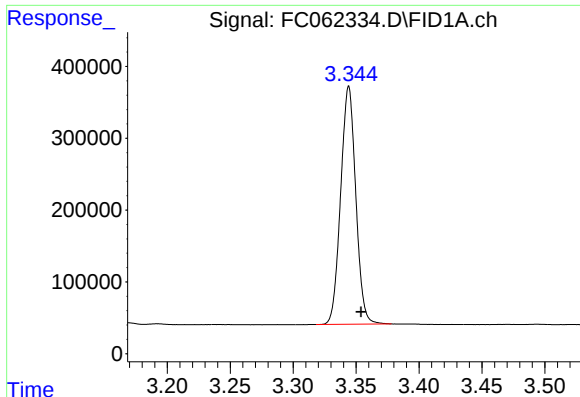
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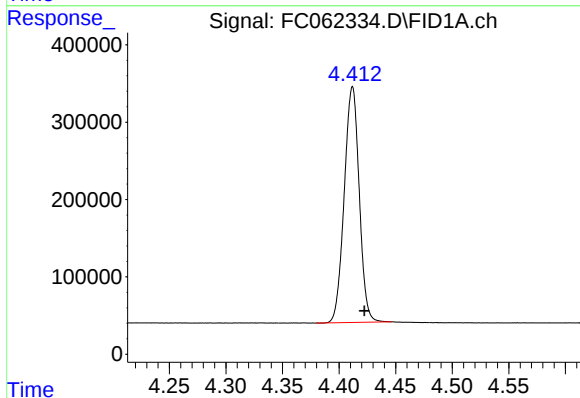




#1 n-Nonane (C9)

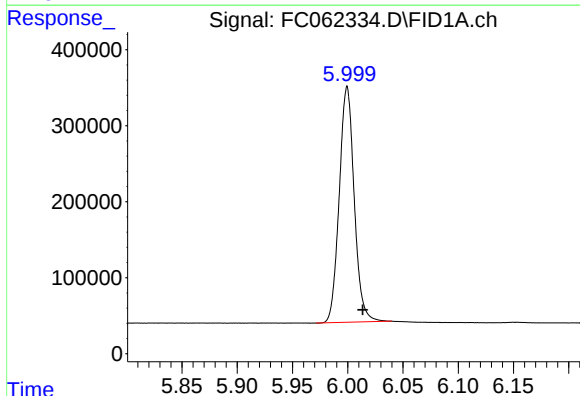
R.T.: 3.344 min
Delta R.T.: -0.010 min
Response: 2769107
Conc: 19.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



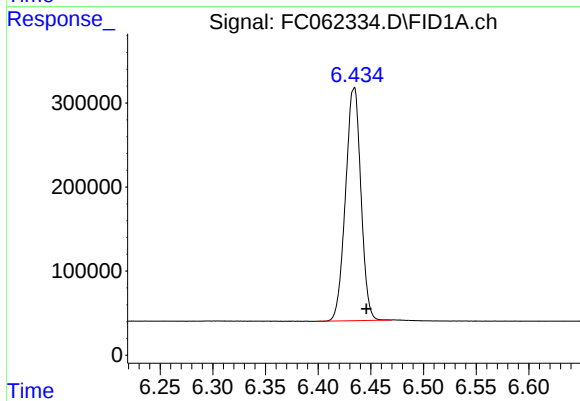
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: -0.011 min
Response: 2814919
Conc: 20.81 ug/ml



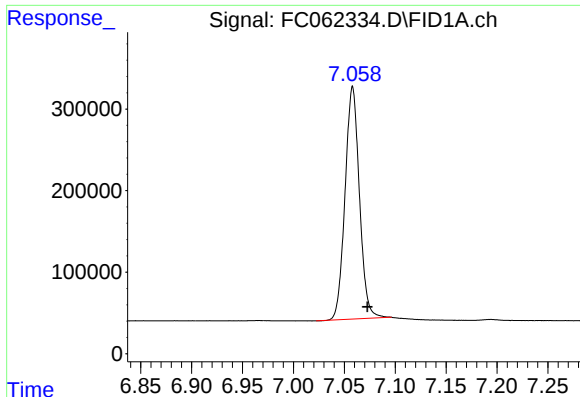
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.014 min
Response: 2926567
Conc: 19.98 ug/ml



#4 n-Dodecane (C12)

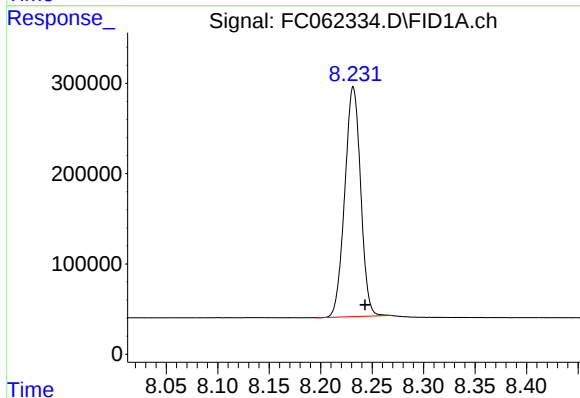
R.T.: 6.434 min
Delta R.T.: -0.012 min
Response: 2818048
Conc: 21.09 ug/ml



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

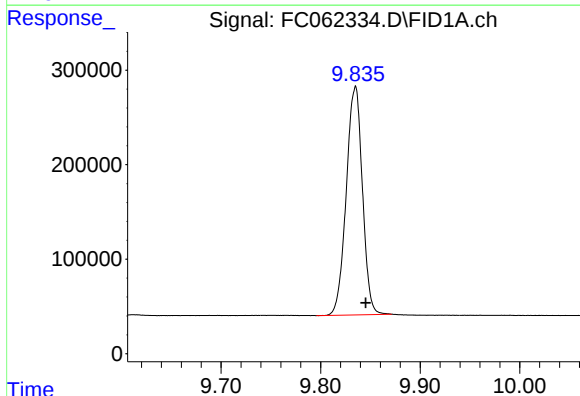
R.T.: 7.058 min
Delta R.T.: -0.015 min
Response: 2802207
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



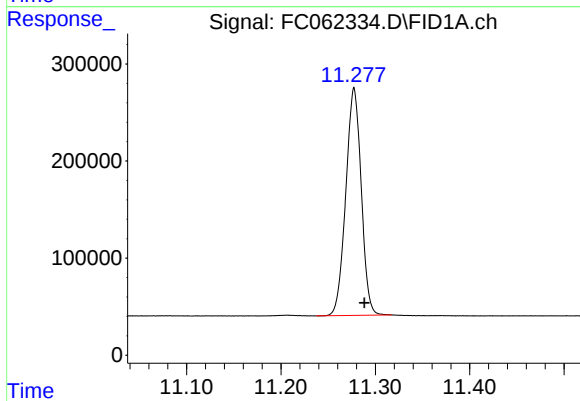
#6 n-Tetradecane (C14)

R.T.: 8.232 min
Delta R.T.: -0.012 min
Response: 2732602
Conc: 20.93 ug/ml



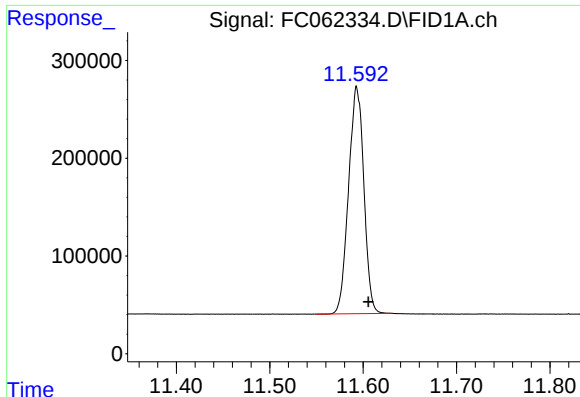
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.010 min
Response: 2725937
Conc: 21.03 ug/ml



#8 n-Octadecane (C18)

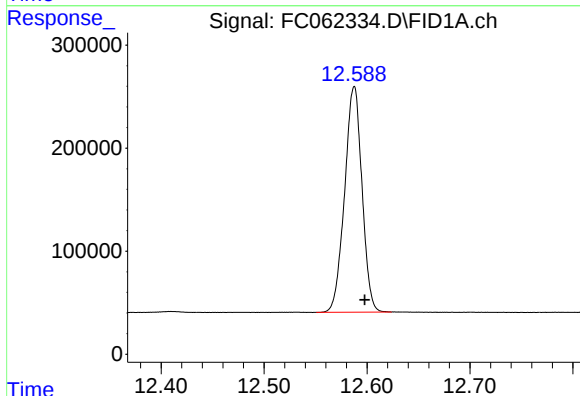
R.T.: 11.277 min
Delta R.T.: -0.011 min
Response: 2662843
Conc: 20.85 ug/ml



#9 ortho-Terphenyl (SURR)

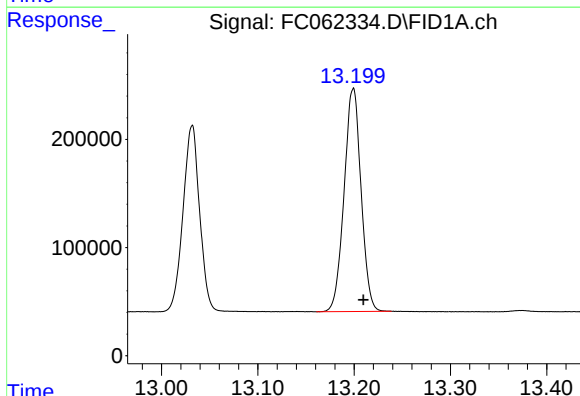
R.T.: 11.593 min
Delta R.T.: -0.012 min
Response: 2639941
Conc: 19.34 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



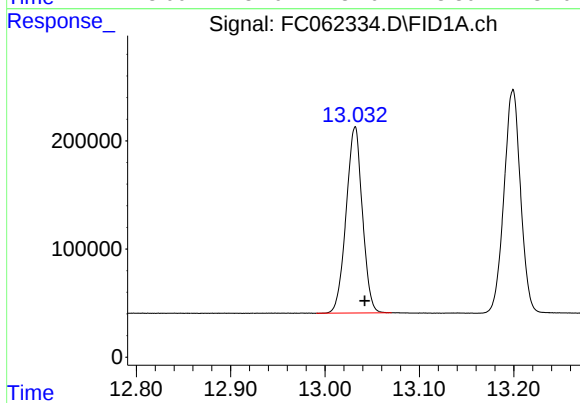
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: -0.010 min
Response: 2570675
Conc: 21.15 ug/ml



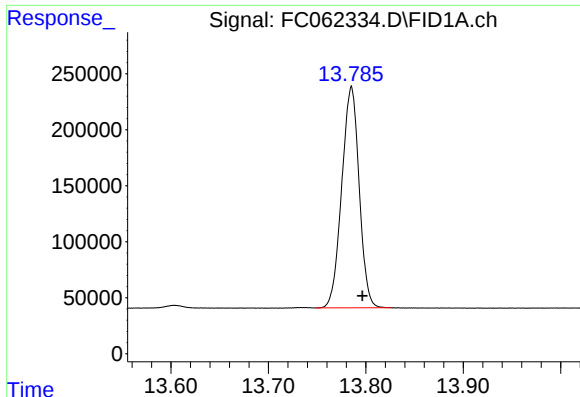
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: -0.010 min
Response: 2512273
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

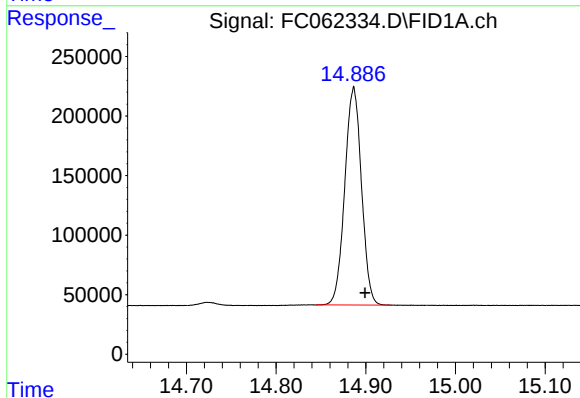
R.T.: 13.032 min
Delta R.T.: -0.010 min
Response: 2055219
Conc: 20.22 ug/ml



#13 n-Docosane (C22)

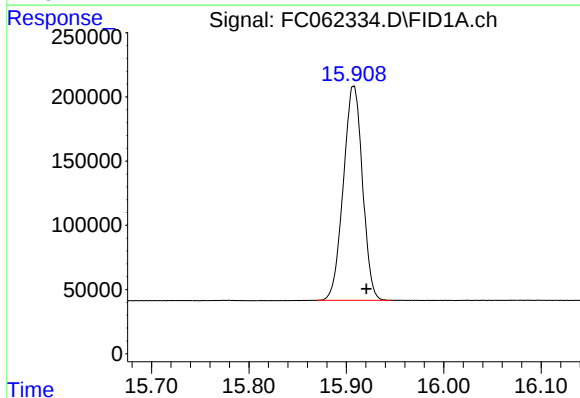
R.T.: 13.785 min
Delta R.T.: -0.011 min
Response: 2453027
Conc: 20.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



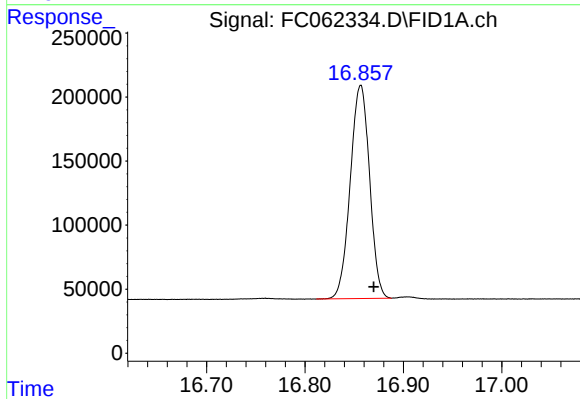
#14 n-Tetracosane (C24)

R.T.: 14.887 min
Delta R.T.: -0.013 min
Response: 2363681
Conc: 20.54 ug/ml



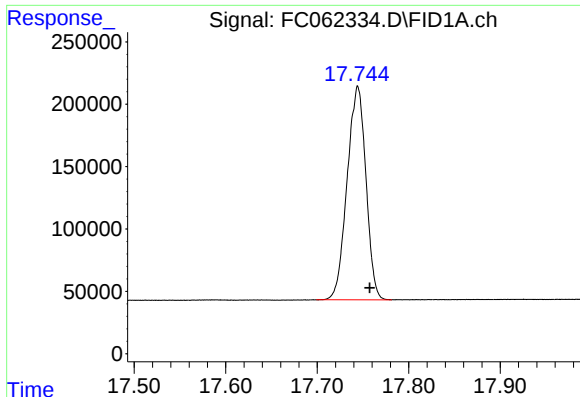
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.013 min
Response: 2284924
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

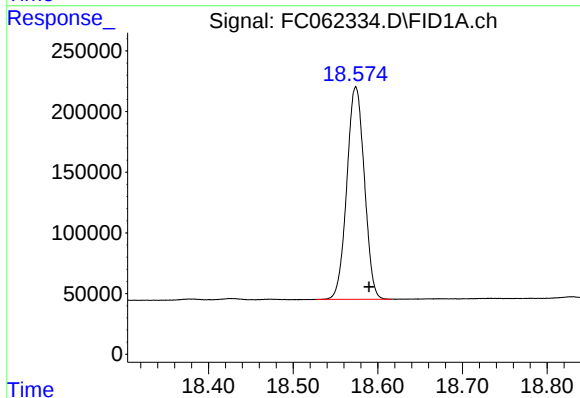
R.T.: 16.857 min
Delta R.T.: -0.013 min
Response: 2269551
Conc: 20.70 ug/ml



#17 n-Tricontane (C30)

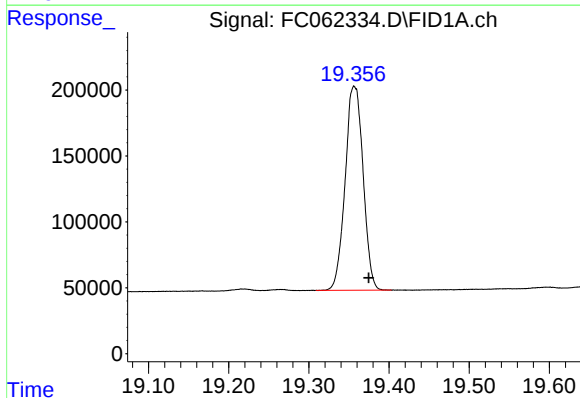
R.T.: 17.744 min
Delta R.T.: -0.013 min
Response: 2443702
Conc: 22.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



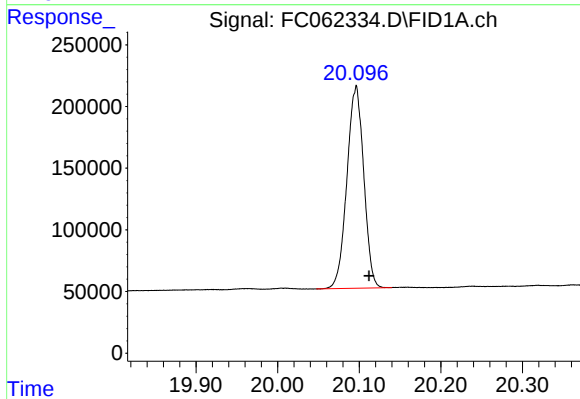
#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: -0.016 min
Response: 2521523
Conc: 22.83 ug/ml



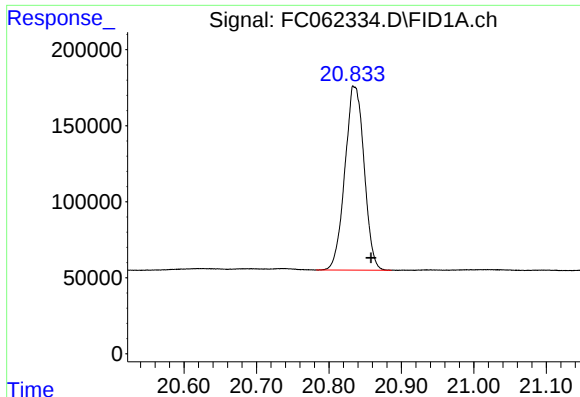
#19 n-Tetratriacontane (C34)

R.T.: 19.357 min
Delta R.T.: -0.018 min
Response: 2406967
Conc: 22.01 ug/ml



#20 n-Hexatriacontane (C36)

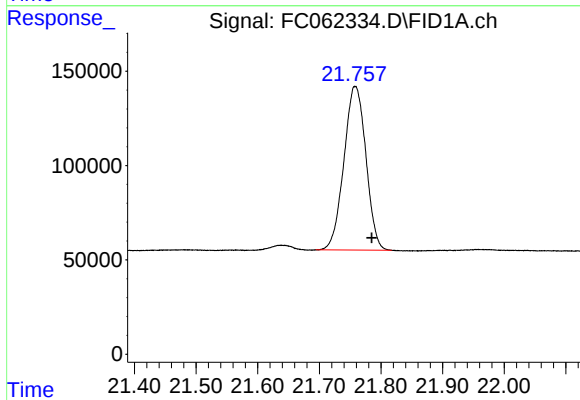
R.T.: 20.096 min
Delta R.T.: -0.016 min
Response: 2347073
Conc: 22.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.835 min
Delta R.T.: -0.023 min
Response: 2226191
Conc: 21.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.758 min
Delta R.T.: -0.027 min
Response: 2154824
Conc: 20.99 ug/ml