

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010323AL\
 Data File : FC062543.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jan 2023 13:55
 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: Jan 03 18:13:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 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)	11.558	2880872	20.423 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
12) S 1-chlorooctadecane (S...	12.996	2131467	19.998 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.312	2728807	21.217 ug/ml
2) T n-Decane (C10)	4.380	2665307	21.425 ug/ml
3) T A~Naphthalene (C11.7)	5.967	3016001	21.254 ug/ml
4) T n-Dodecane (C12)	6.403	2667974	21.300 ug/ml
5) T A~2-methylnaphthalene...	7.025	2813059	21.878 ug/ml
6) T n-Tetradecane (C14)	8.199	2644394	21.714 ug/ml
7) T n-Hexadecane (C16)	9.801	2658269	21.179 ug/ml
8) T n-Octadecane (C18)	11.243	2654823	20.781 ug/ml
10) T n-Eicosane (C20)	12.552	2530822	20.346 ug/ml
11) T n-Heneicosane (C21)	13.164	2511866	20.327 ug/ml
13) T n-Docosane (C22)	13.749	2446318	20.139 ug/ml
14) T n-Tetracosane (C24)	14.851	2392427	19.959 ug/ml
15) T n-Hexacosane (C26)	15.871	2297933	19.781 ug/ml
16) T n-Octacosane (C28)	16.820	2235950	19.673 ug/ml
17) T n-Tricontane (C30)	17.705	2203781	19.712 ug/ml
18) T n-Dotriacontane (C32)	18.536	2225322	20.027 ug/ml
19) T n-Tetratriacontane (C34)	19.318	2199781	20.334 ug/ml
20) T n-Hexatriacontane (C36)	20.055	2249537	22.158 ug/ml
21) T n-Octatriacontane (C38)	20.788	2119955	20.721 ug/ml
22) T n-Tetracontane (C40)	21.698	2289127	22.587 ug/ml

(f)=RT Delta > 1/2 Window

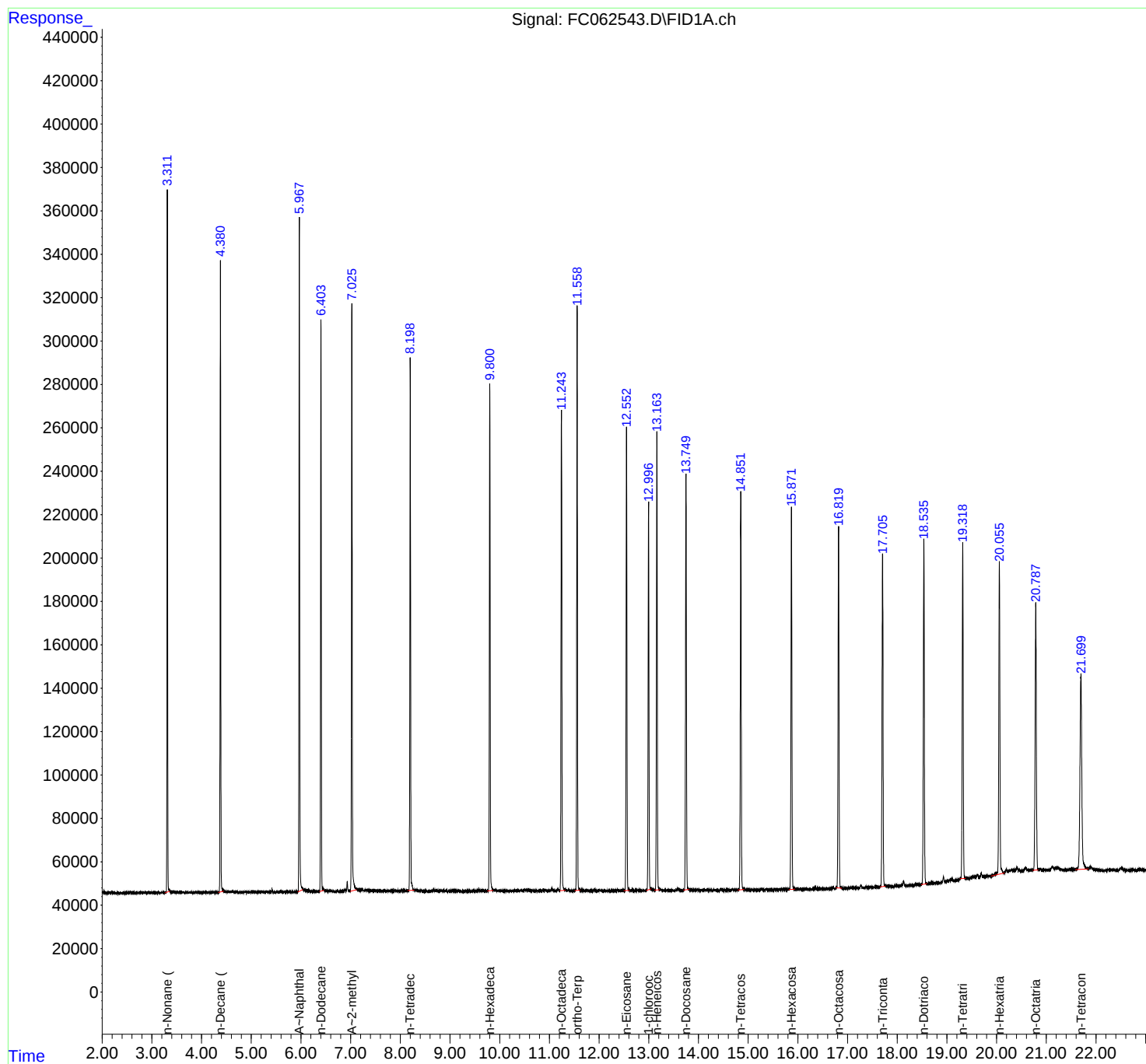
(m)=manual int.

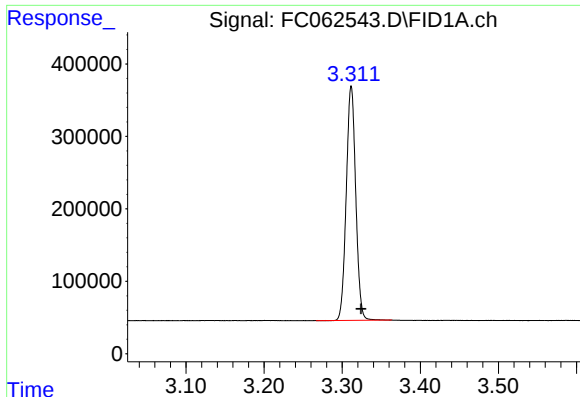
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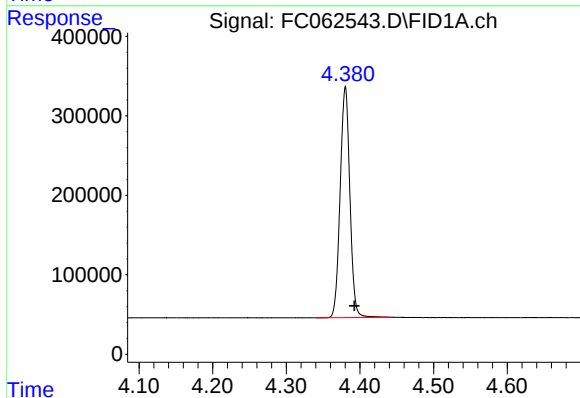




#1 n-Nonane (C9)

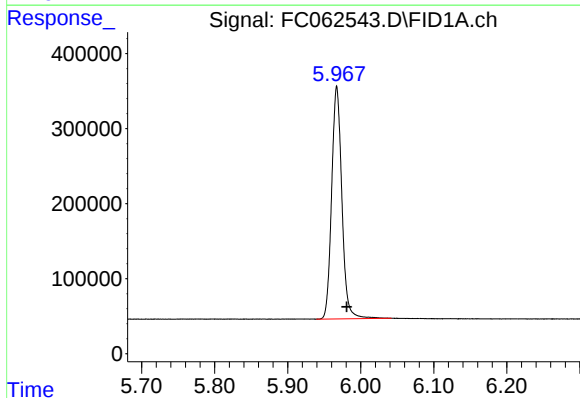
R.T.: 3.312 min
Delta R.T.: -0.012 min
Response: 2728807
Conc: 21.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



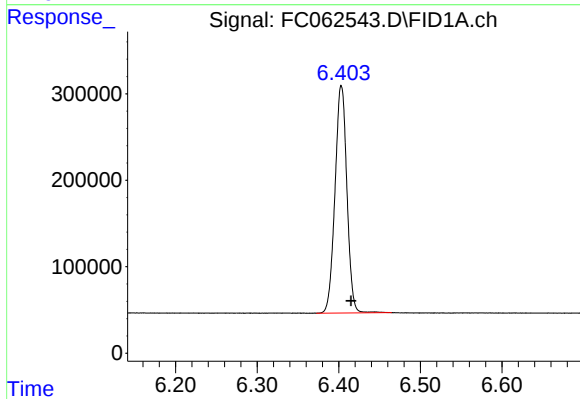
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.012 min
Response: 2665307
Conc: 21.43 ug/ml



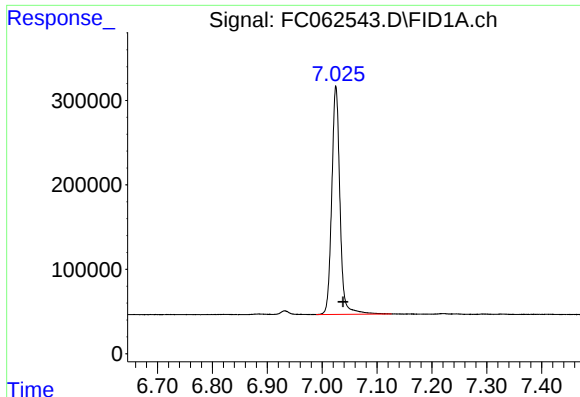
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.014 min
Response: 3016001
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

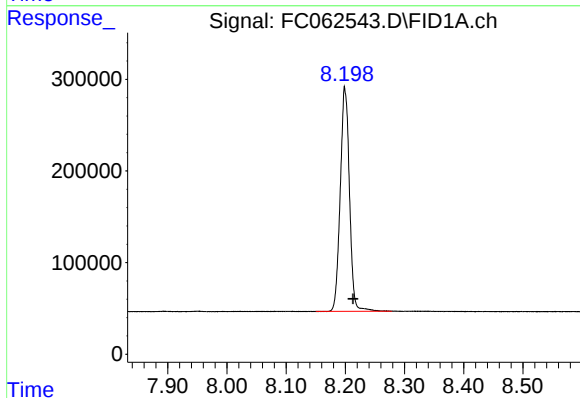
R.T.: 6.403 min
Delta R.T.: -0.012 min
Response: 2667974
Conc: 21.30 ug/ml



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

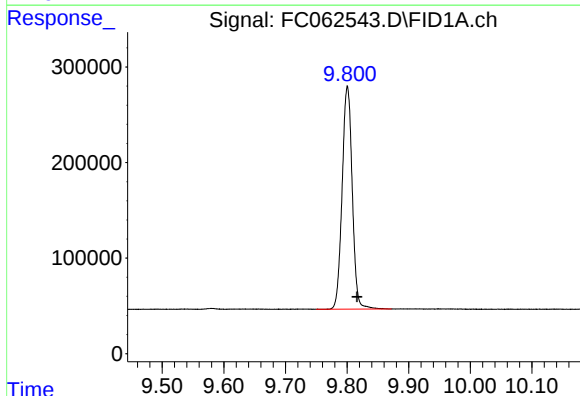
R.T.: 7.025 min
Delta R.T.: -0.013 min
Response: 2813059
Conc: 21.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



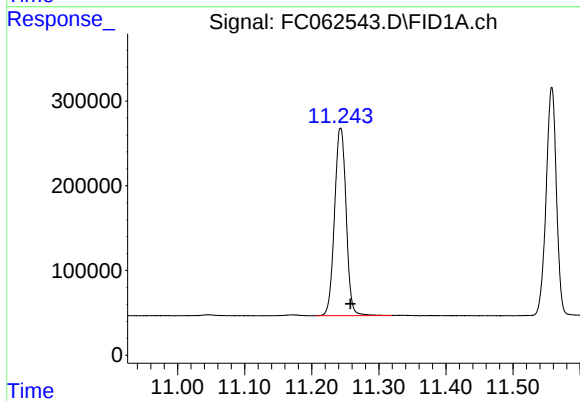
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.014 min
Response: 2644394
Conc: 21.71 ug/ml



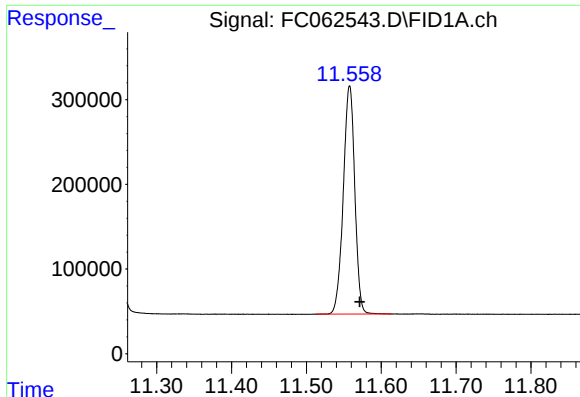
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.015 min
Response: 2658269
Conc: 21.18 ug/ml



#8 n-Octadecane (C18)

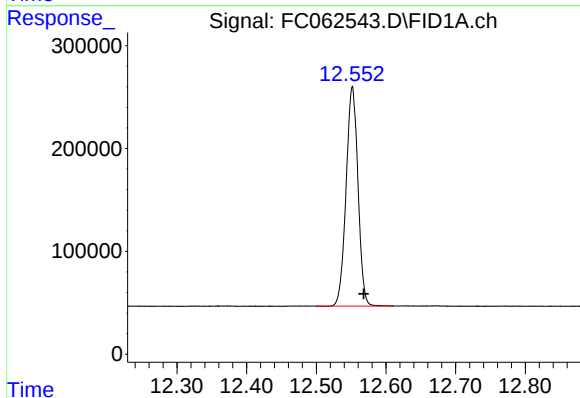
R.T.: 11.243 min
Delta R.T.: -0.015 min
Response: 2654823
Conc: 20.78 ug/ml



#9 ortho-Terphenyl (SURR)

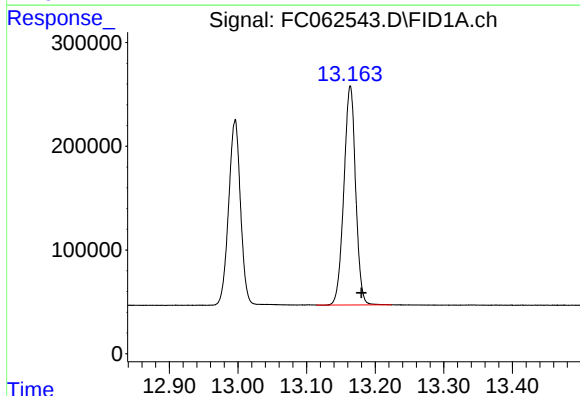
R.T.: 11.558 min
Delta R.T.: -0.014 min
Response: 2880872
Conc: 20.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



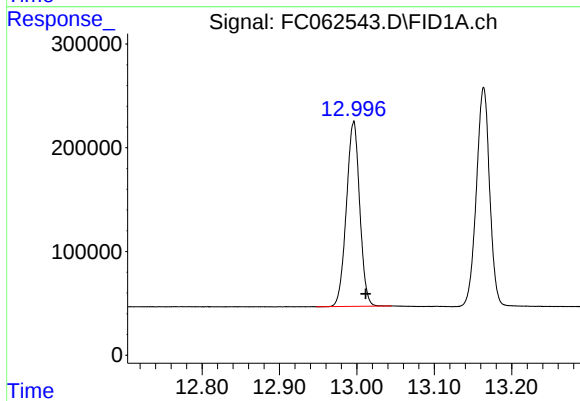
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.016 min
Response: 2530822
Conc: 20.35 ug/ml



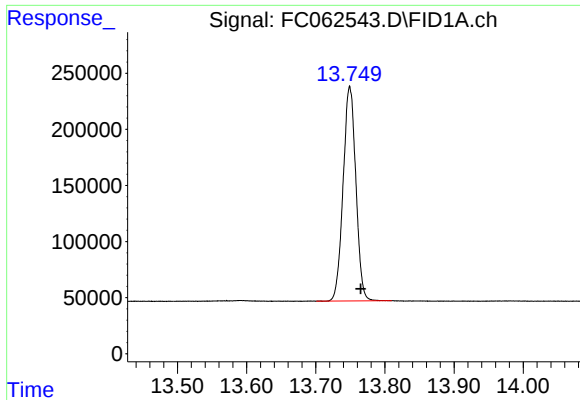
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.016 min
Response: 2511866
Conc: 20.33 ug/ml



#12 1-chlorooctadecane (SURR)

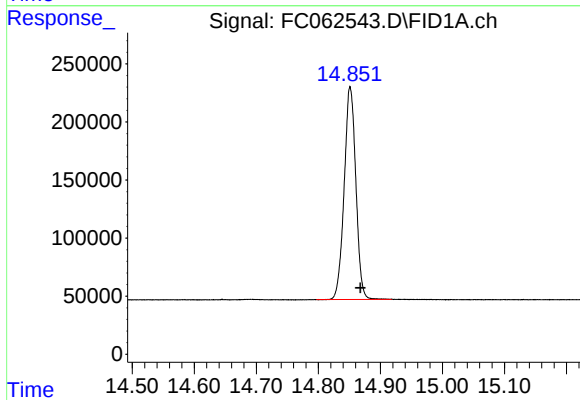
R.T.: 12.996 min
Delta R.T.: -0.016 min
Response: 2131467
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

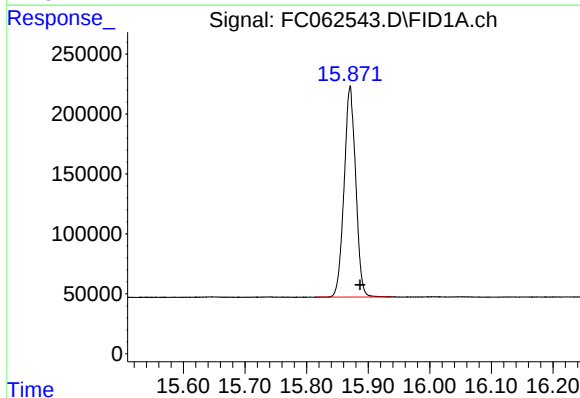
R.T.: 13.749 min
Delta R.T.: -0.016 min
Response: 2446318
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



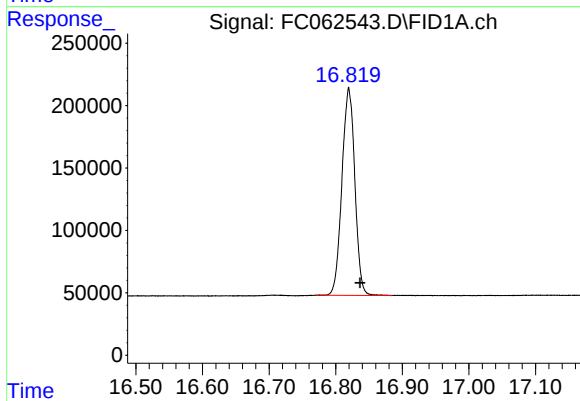
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.017 min
Response: 2392427
Conc: 19.96 ug/ml



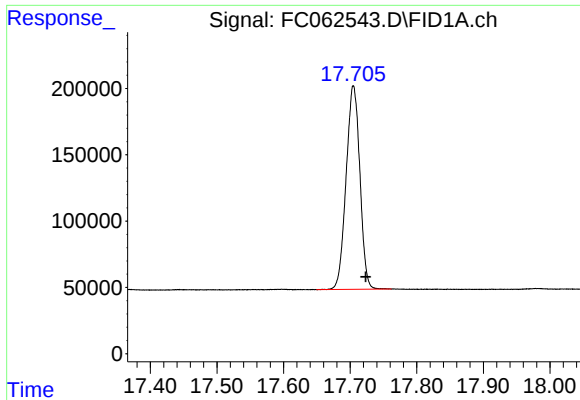
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: -0.016 min
Response: 2297933
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

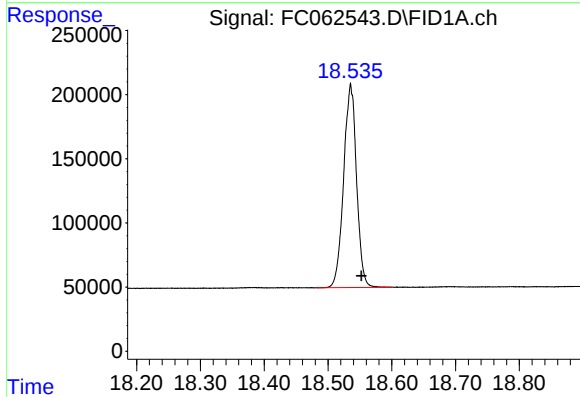
R.T.: 16.820 min
Delta R.T.: -0.017 min
Response: 2235950
Conc: 19.67 ug/ml



#17 n-Tricontane (C30)

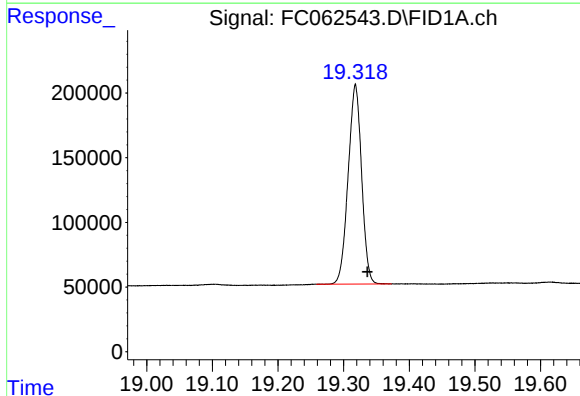
R.T.: 17.705 min
Delta R.T.: -0.018 min
Response: 2203781
Conc: 19.71 ug/ml

Instrument :
FID_C
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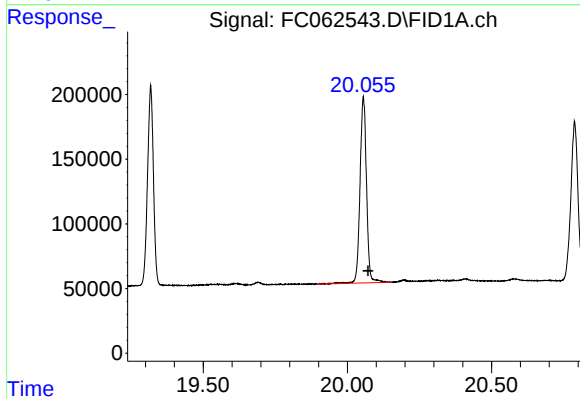
#18 n-Dotriacontane (C32)

R.T.: 18.536 min
Delta R.T.: -0.017 min
Response: 2225322
Conc: 20.03 ug/ml



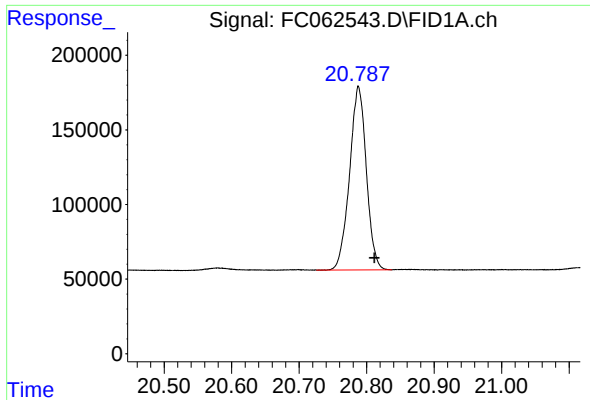
#19 n-Tetratriacontane (C34)

R.T.: 19.318 min
Delta R.T.: -0.018 min
Response: 2199781
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

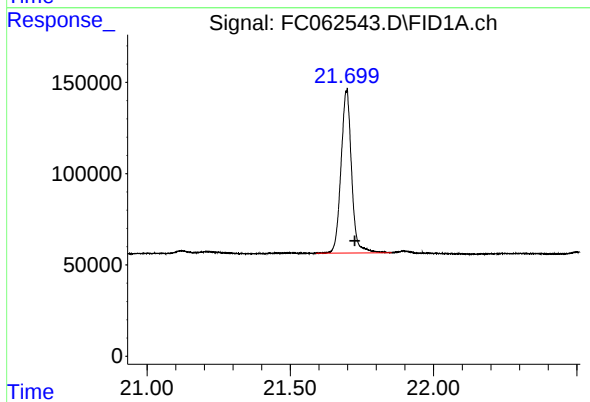
R.T.: 20.055 min
Delta R.T.: -0.017 min
Response: 2249537
Conc: 22.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.788 min
Delta R.T.: -0.024 min
Response: 2119955
Conc: 20.72 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: -0.027 min
Response: 2289127
Conc: 22.59 ug/ml