

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122322AL\
 Data File : FC062487.D
 Signal(s) : FID1A.ch
 Acq On : 23 Dec 2022 19:40
 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 25 11:51:36 2022
 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)	11.572	2658191	18.844 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
12) S 1-chlorooctadecane (S...	13.012	1981493	18.591 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
Target Compounds			
1) T n-Nonane (C9)	3.320	2387434	18.563 ug/ml
2) T n-Decane (C10)	4.389	2395921	19.260 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2710108	19.099 ug/ml
4) T n-Dodecane (C12)	6.413	2394861	19.119 ug/ml
5) T A~2-methylnaphthalene...	7.036	2529175	19.670 ug/ml
6) T n-Tetradecane (C14)	8.212	2385997	19.592 ug/ml
7) T n-Hexadecane (C16)	9.815	2411492	19.213 ug/ml
8) T n-Octadecane (C18)	11.258	2441960	19.115 ug/ml
10) T n-Eicosane (C20)	12.568	2339245	18.805 ug/ml
11) T n-Heneicosane (C21)	13.180	2329787	18.853 ug/ml
13) T n-Docosane (C22)	13.768	2292417	18.872 ug/ml
14) T n-Tetracosane (C24)	14.869	2249920	18.770 ug/ml
15) T n-Hexacosane (C26)	15.889	2180987	18.775 ug/ml
16) T n-Octacosane (C28)	16.839	2179703	19.178 ug/ml
17) T n-Tricontane (C30)	17.726	2239579	20.032 ug/ml
18) T n-Dotriacontane (C32)	18.558	2283013	20.546 ug/ml
19) T n-Tetratriacontane (C34)	19.339	2206388	20.395 ug/ml
20) T n-Hexatriacontane (C36)	20.080	2054100	20.233 ug/ml
21) T n-Octatriacontane (C38)	20.815	2023345	19.777 ug/ml
22) T n-Tetracontane (C40)	21.734	2001256	19.747 ug/ml

(f)=RT Delta > 1/2 Window

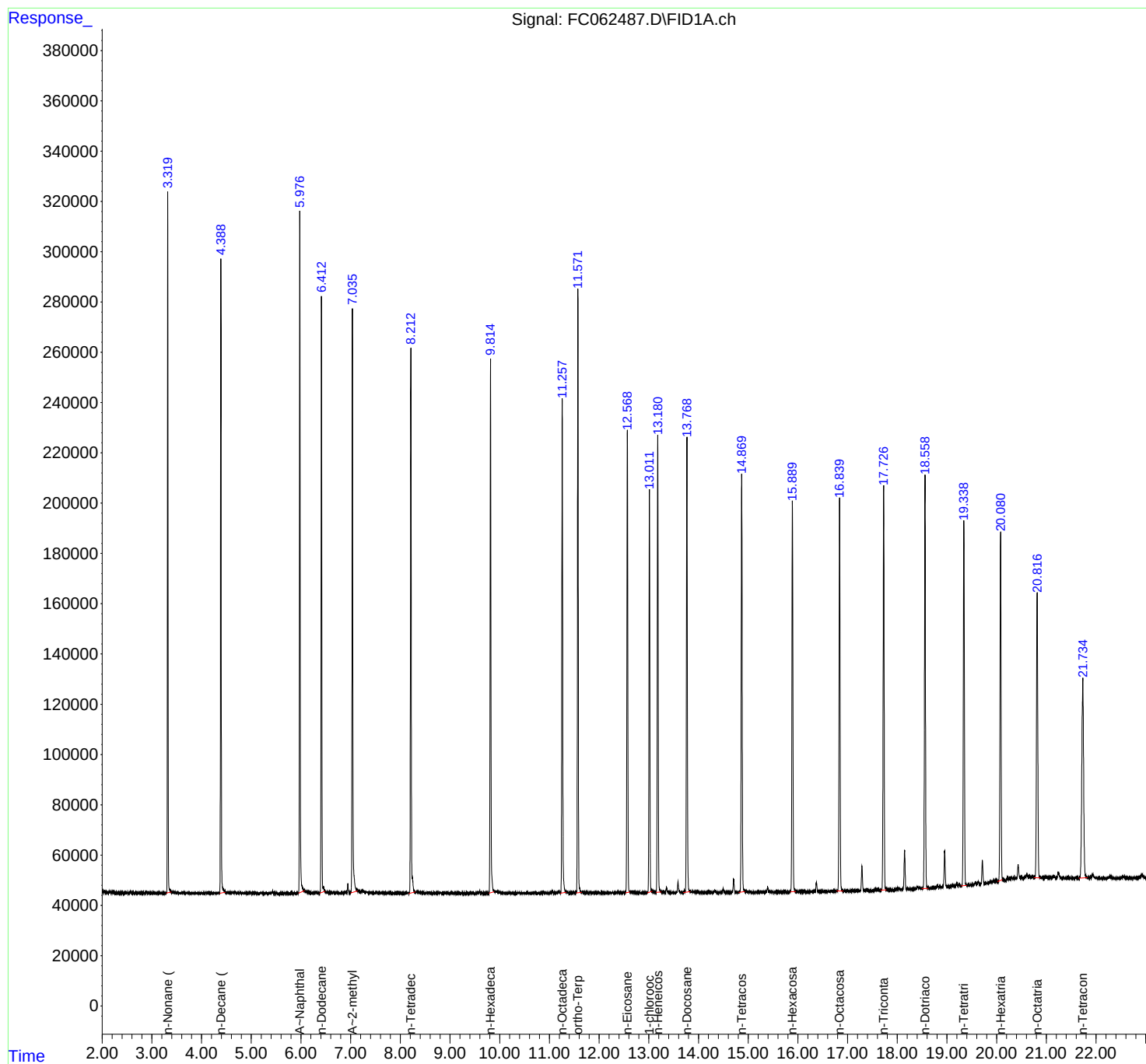
(m)=manual int.

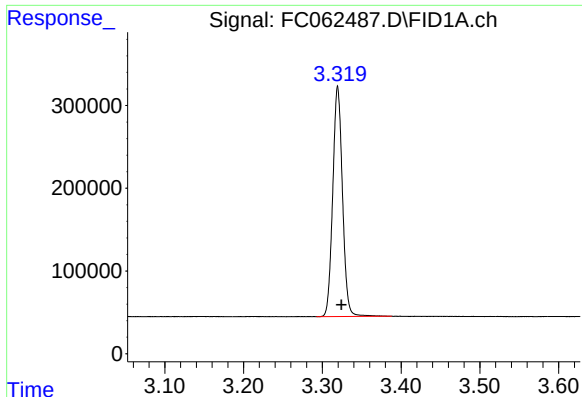
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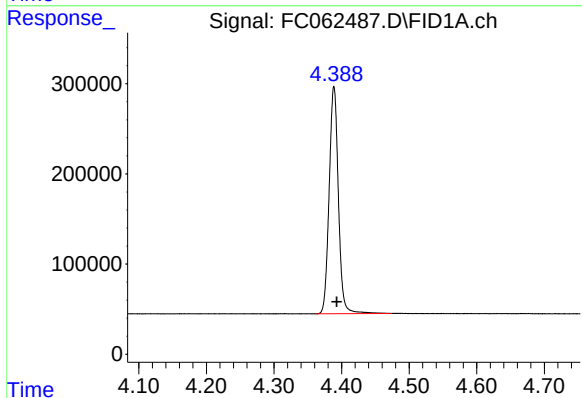




#1 n-Nonane (C9)

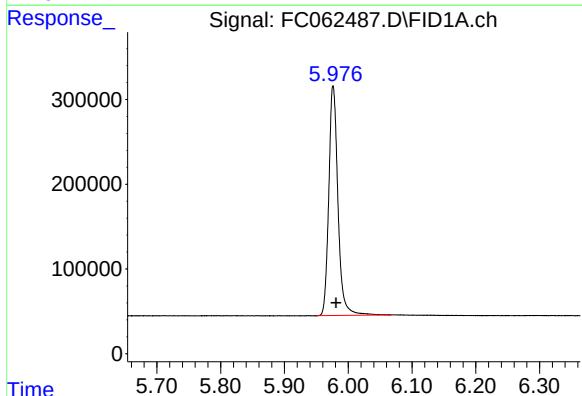
R.T.: 3.320 min
Delta R.T.: -0.004 min
Response: 2387434
Conc: 18.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



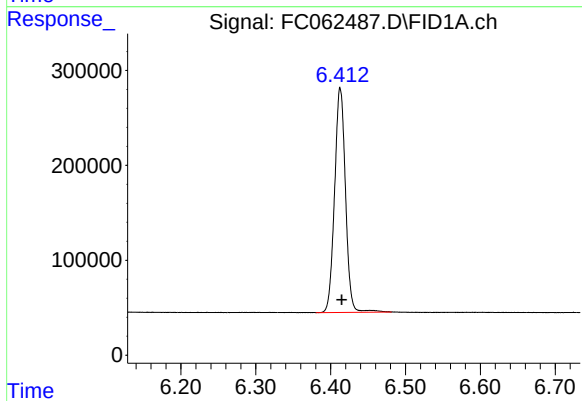
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.004 min
Response: 2395921
Conc: 19.26 ug/ml



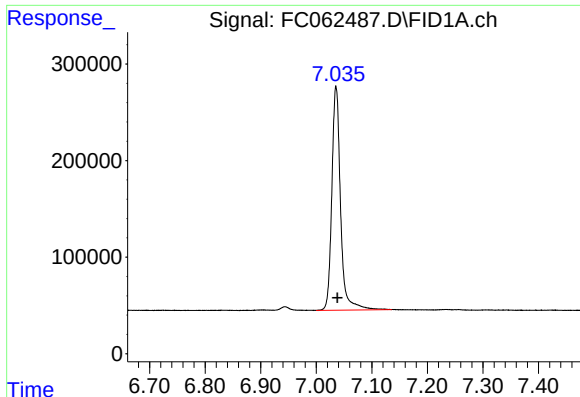
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.004 min
Response: 2710108
Conc: 19.10 ug/ml



#4 n-Dodecane (C12)

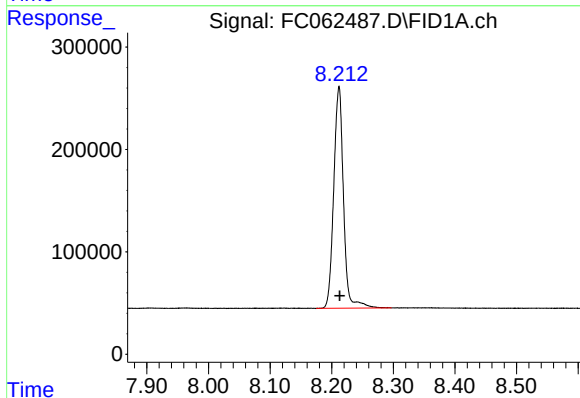
R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 2394861
Conc: 19.12 ug/ml



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

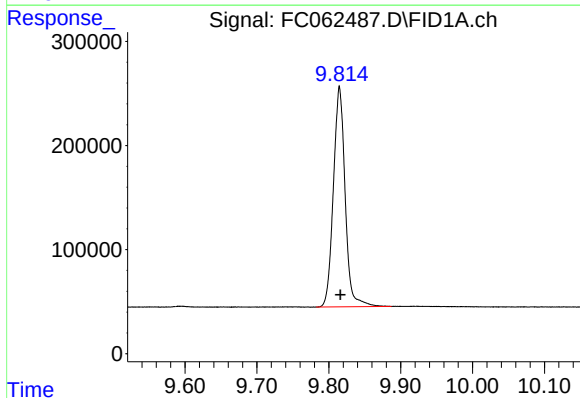
R.T.: 7.036 min
Delta R.T.: -0.002 min
Response: 2529175
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



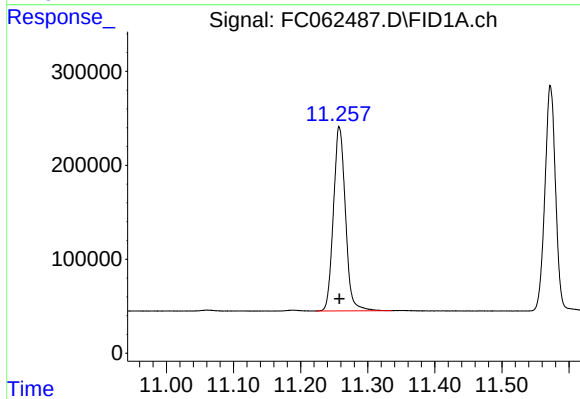
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: -0.001 min
Response: 2385997
Conc: 19.59 ug/ml



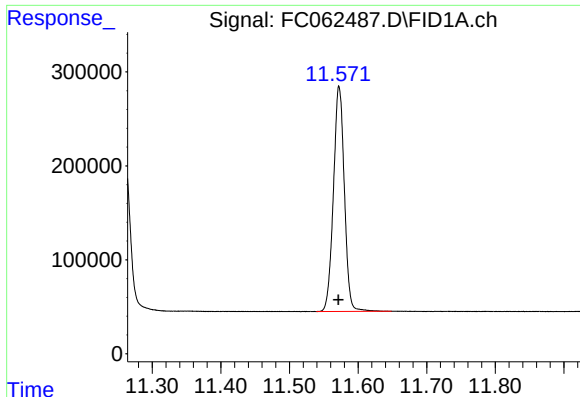
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.001 min
Response: 2411492
Conc: 19.21 ug/ml



#8 n-Octadecane (C18)

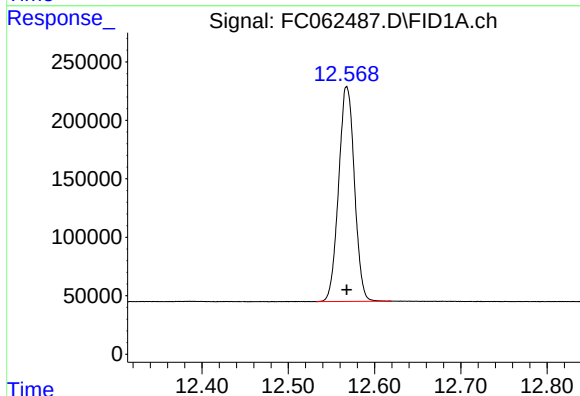
R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 2441960
Conc: 19.11 ug/ml



#9 ortho-Terphenyl (SURR)

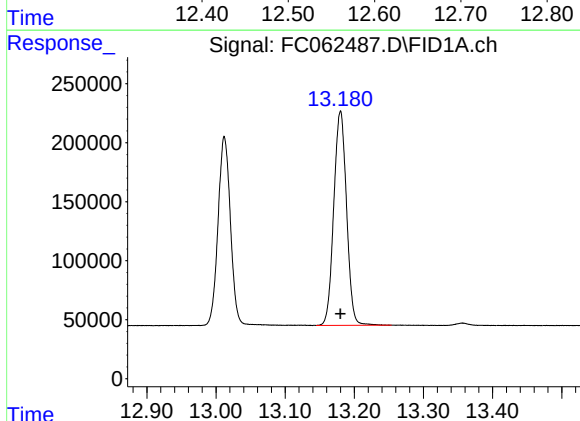
R.T.: 11.572 min
Delta R.T.: 0.000 min
Response: 2658191
Conc: 18.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



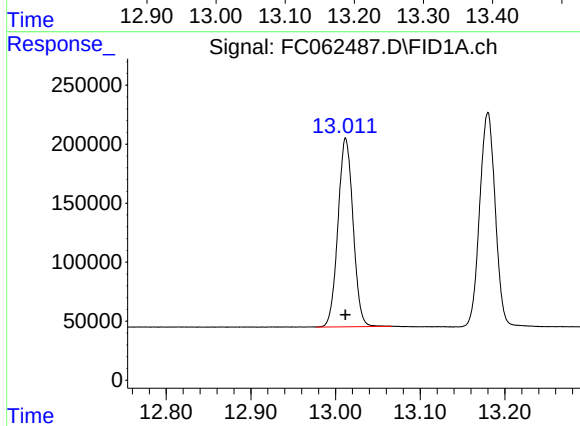
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: 0.000 min
Response: 2339245
Conc: 18.81 ug/ml



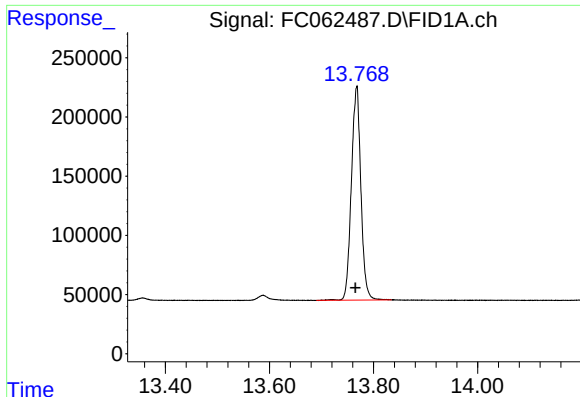
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: 0.000 min
Response: 2329787
Conc: 18.85 ug/ml



#12 1-chlorooctadecane (SURR)

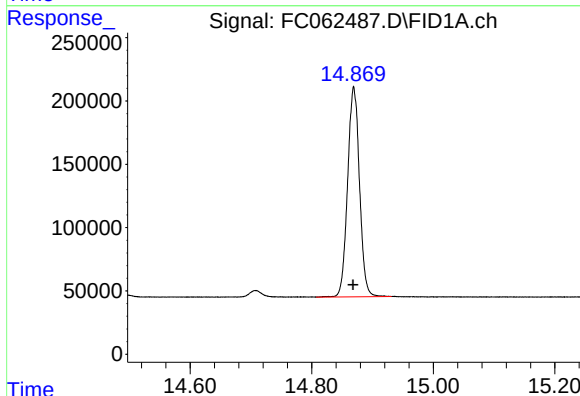
R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 1981493
Conc: 18.59 ug/ml



#13 n-Docosane (C22)

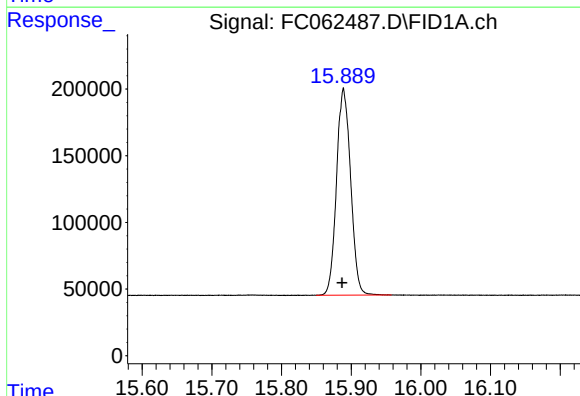
R.T.: 13.768 min
Delta R.T.: 0.003 min
Response: 2292417
Conc: 18.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



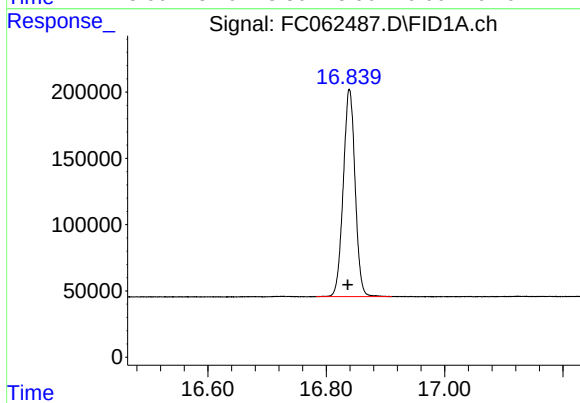
#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: 0.001 min
Response: 2249920
Conc: 18.77 ug/ml



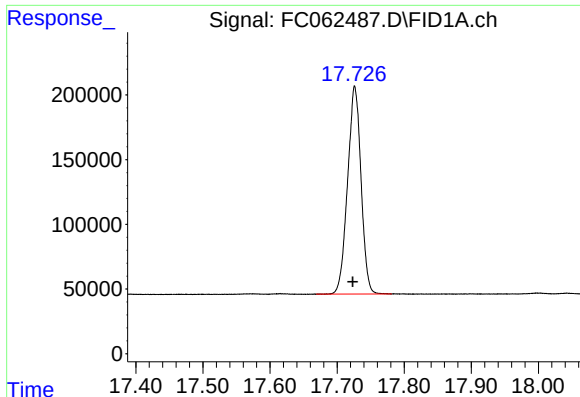
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: 0.002 min
Response: 2180987
Conc: 18.77 ug/ml



#16 n-Octacosane (C28)

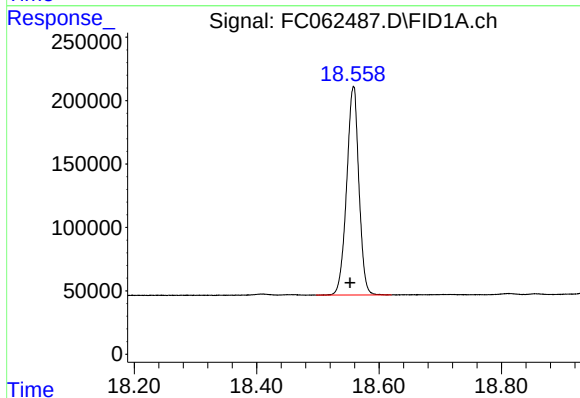
R.T.: 16.839 min
Delta R.T.: 0.003 min
Response: 2179703
Conc: 19.18 ug/ml



#17 n-Tricontane (C30)

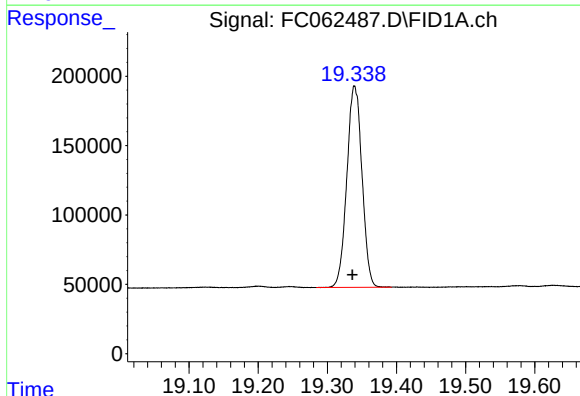
R.T.: 17.726 min
Delta R.T.: 0.003 min
Response: 2239579
Conc: 20.03 ug/ml

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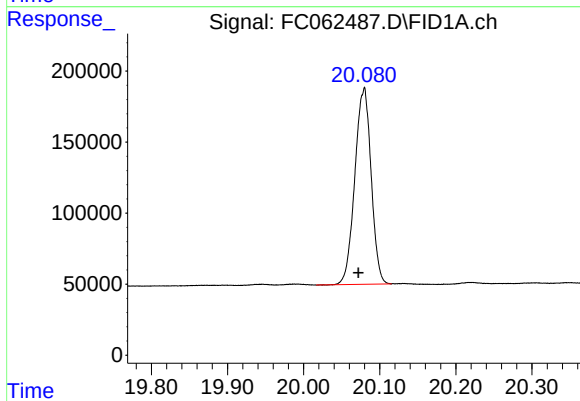
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: 0.006 min
Response: 2283013
Conc: 20.55 ug/ml



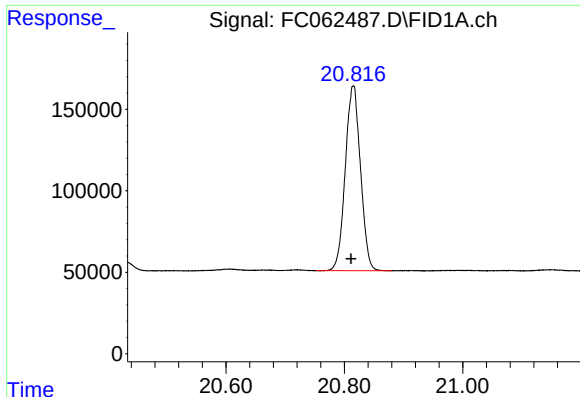
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: 0.003 min
Response: 2206388
Conc: 20.39 ug/ml



#20 n-Hexatriacontane (C36)

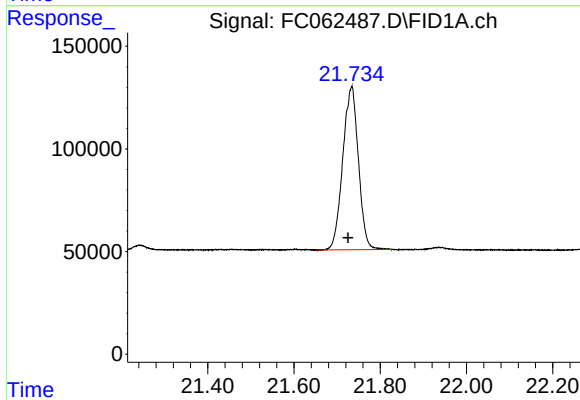
R.T.: 20.080 min
Delta R.T.: 0.008 min
Response: 2054100
Conc: 20.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: 0.004 min
Response: 2023345
Conc: 19.78 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.734 min
Delta R.T.: 0.009 min
Response: 2001256
Conc: 19.75 ug/ml