

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011023AL\
 Data File : FC062605.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jan 2023 14:23
 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 11 05:47:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 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)	11.558	2708291	19.169 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
12) S 1-chlorooctadecane (S...	12.996	2070220	19.653 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T n-Nonane (C9)	3.312	2523850	18.874 ug/ml
2) T n-Decane (C10)	4.380	2486905	19.175 ug/ml
3) T A~Naphthalene (C11.7)	5.968	2832836	19.278 ug/ml
4) T n-Dodecane (C12)	6.403	2491133	19.383 ug/ml
5) T A~2-methylnaphthalene...	7.026	2646333	19.356 ug/ml
6) T n-Tetradecane (C14)	8.199	2489844	19.342 ug/ml
7) T n-Hexadecane (C16)	9.801	2509115	19.429 ug/ml
8) T n-Octadecane (C18)	11.244	2506454	19.355 ug/ml
10) T n-Eicosane (C20)	12.552	2409067	19.520 ug/ml
11) T n-Heneicosane (C21)	13.163	2400727	19.587 ug/ml
13) T n-Docosane (C22)	13.749	2365637	19.788 ug/ml
14) T n-Tetracosane (C24)	14.851	2401636	20.622 ug/ml
15) T n-Hexacosane (C26)	15.871	2312418	20.584 ug/ml
16) T n-Octacosane (C28)	16.819	2327632	21.199 ug/ml
17) T n-Tricontane (C30)	17.706	2391969	22.087 ug/ml
18) T n-Dotriacontane (C32)	18.536	2444147	22.388 ug/ml
19) T n-Tetratriacontane (C34)	19.316	2393057	22.011 ug/ml
20) T n-Hexatriacontane (C36)	20.055	2292112	20.606 ug/ml
21) T n-Octatriacontane (C38)	20.787	2218020	20.944 ug/ml
22) T n-Tetracontane (C40)	21.695	2186793	20.534 ug/ml

(f)=RT Delta > 1/2 Window

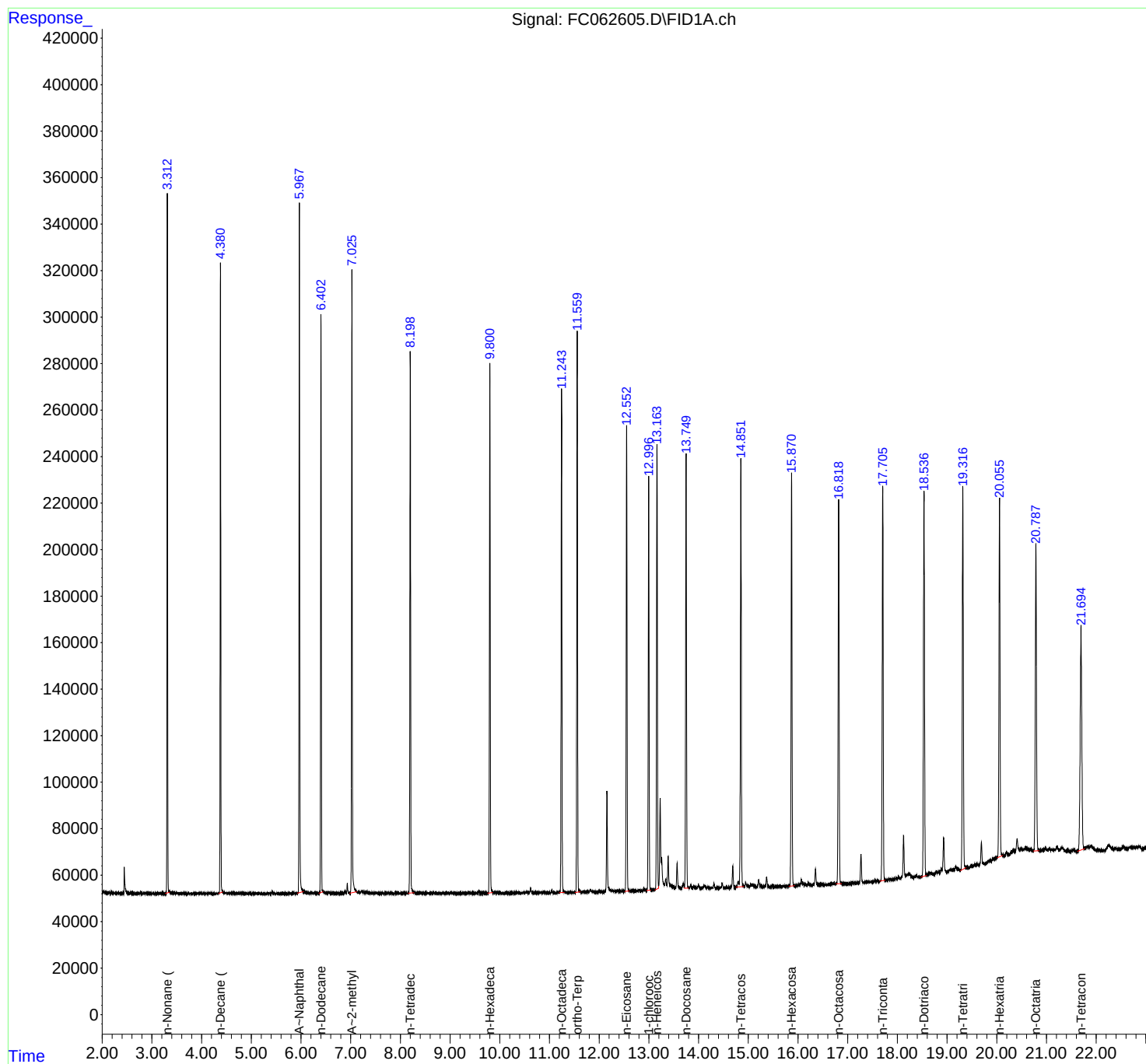
(m)=manual int.

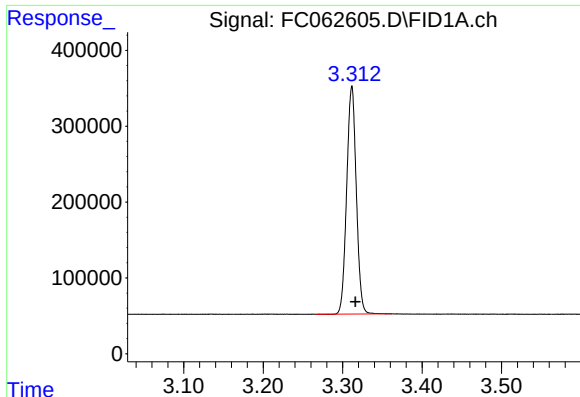
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011023AL\
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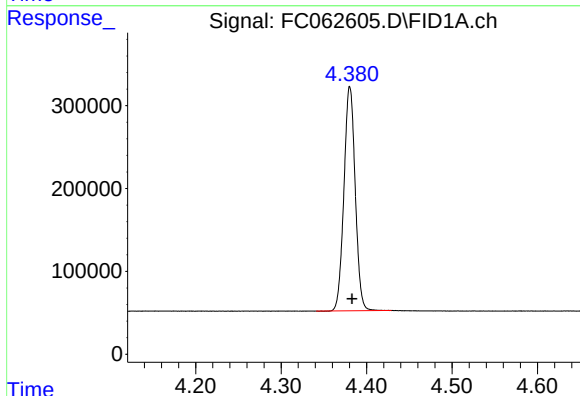




#1 n-Nonane (C9)

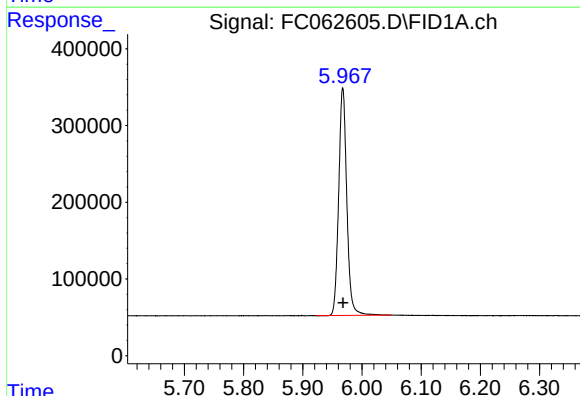
R.T.: 3.312 min
Delta R.T.: -0.004 min
Response: 2523850
Conc: 18.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



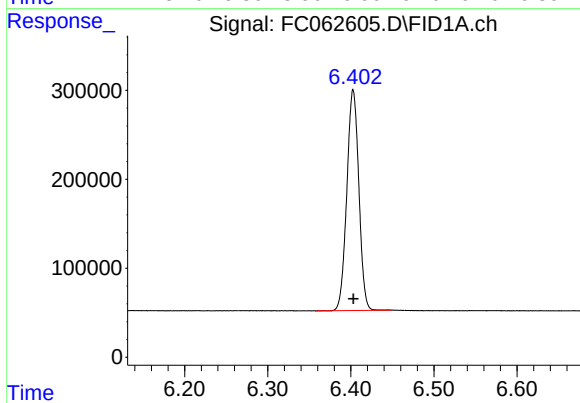
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 2486905
Conc: 19.18 ug/ml



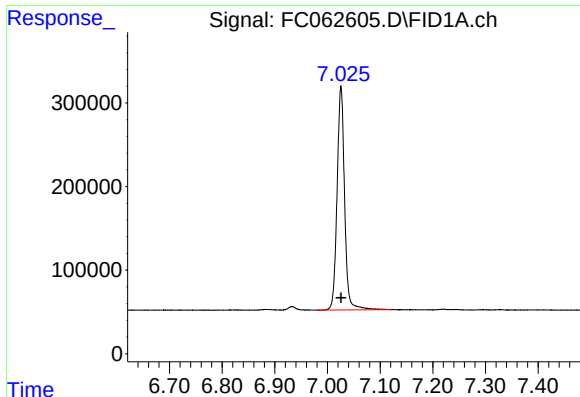
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 2832836
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

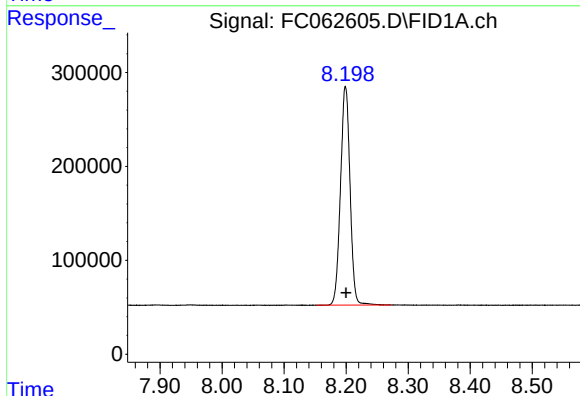
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 2491133
Conc: 19.38 ug/ml



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

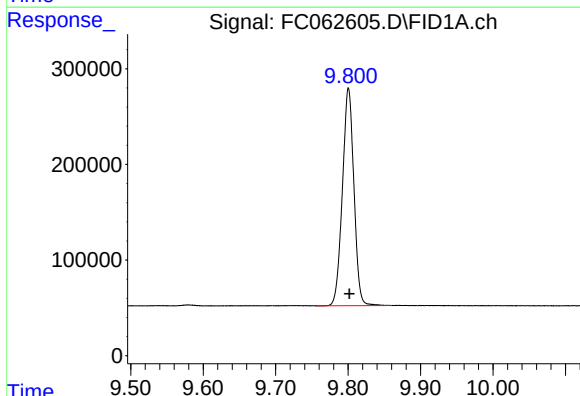
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 2646333
Conc: 19.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



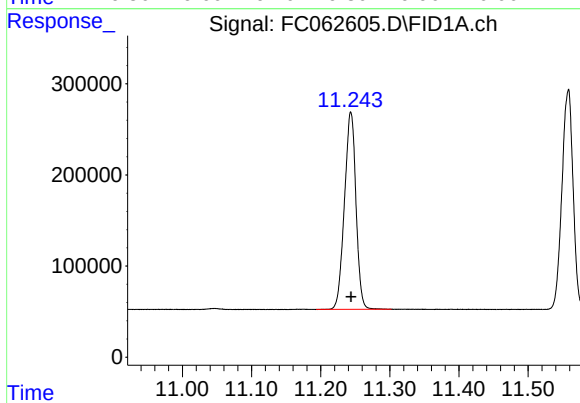
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 2489844
Conc: 19.34 ug/ml



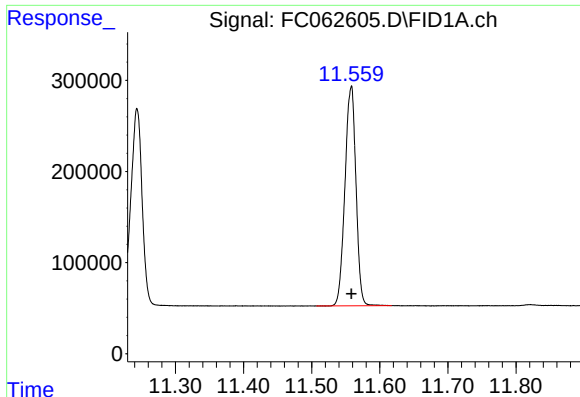
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.001 min
Response: 2509115
Conc: 19.43 ug/ml



#8 n-Octadecane (C18)

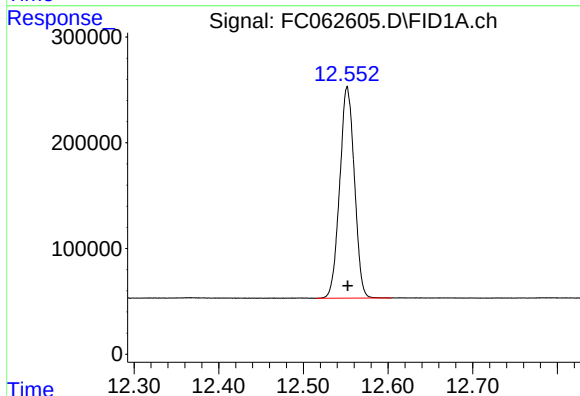
R.T.: 11.244 min
Delta R.T.: 0.000 min
Response: 2506454
Conc: 19.36 ug/ml



#9 ortho-Terphenyl (SURR)

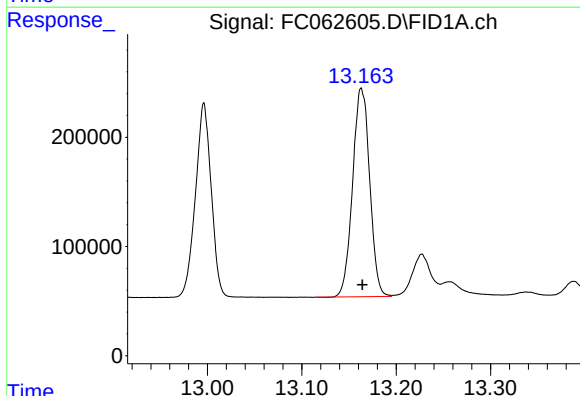
R.T.: 11.558 min
Delta R.T.: 0.000 min
Response: 2708291
Conc: 19.17 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



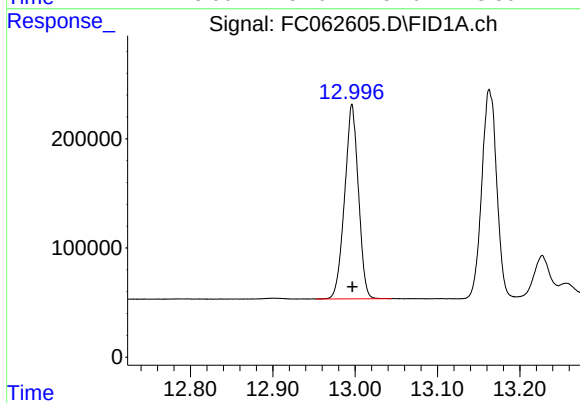
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: 0.000 min
Response: 2409067
Conc: 19.52 ug/ml



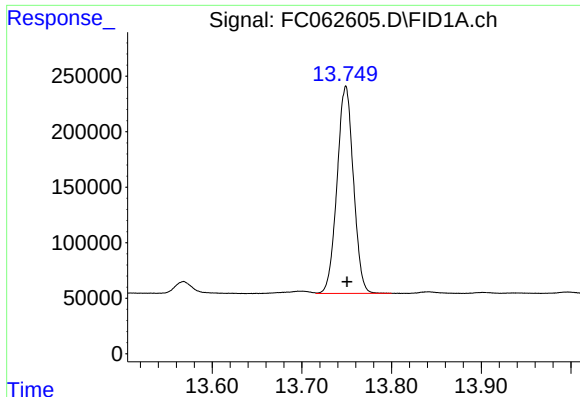
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: -0.001 min
Response: 2400727
Conc: 19.59 ug/ml



#12 1-chlorooctadecane (SURR)

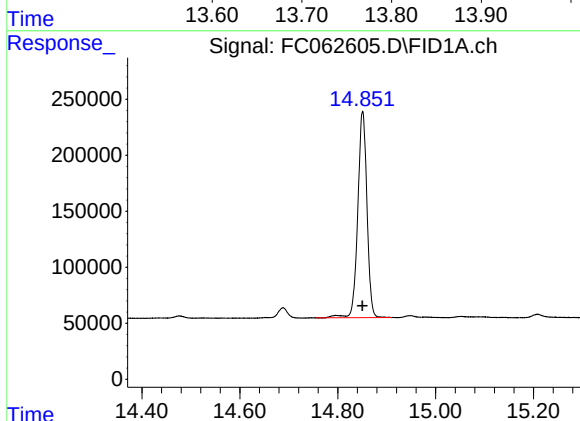
R.T.: 12.996 min
Delta R.T.: 0.000 min
Response: 2070220
Conc: 19.65 ug/ml



#13 n-Docosane (C22)

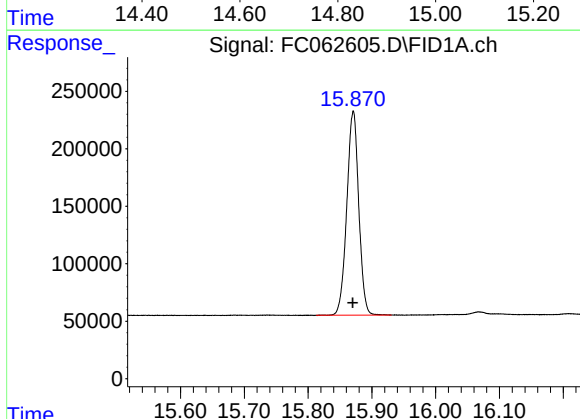
R.T.: 13.749 min
Delta R.T.: -0.001 min
Response: 2365637
Conc: 19.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



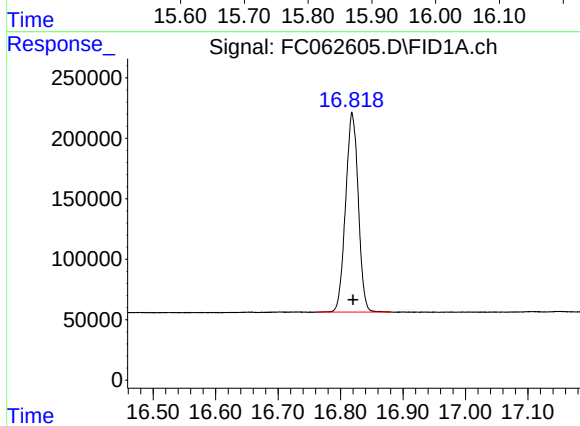
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: 0.000 min
Response: 2401636
Conc: 20.62 ug/ml



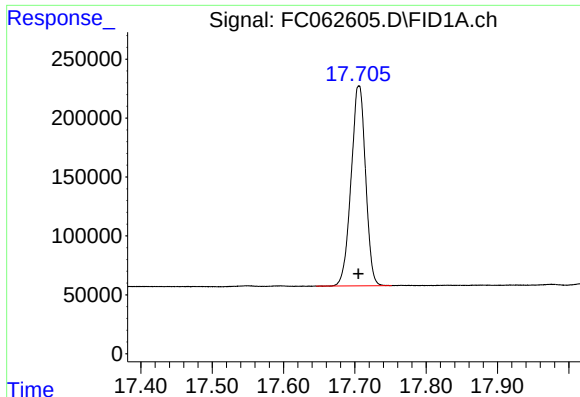
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.000 min
Response: 2312418
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

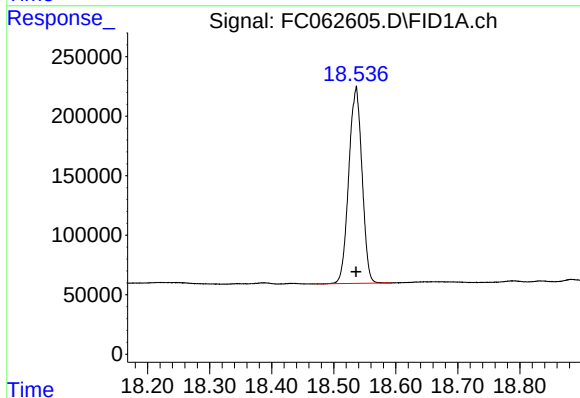
R.T.: 16.819 min
Delta R.T.: -0.001 min
Response: 2327632
Conc: 21.20 ug/ml



#17 n-Tricontane (C30)

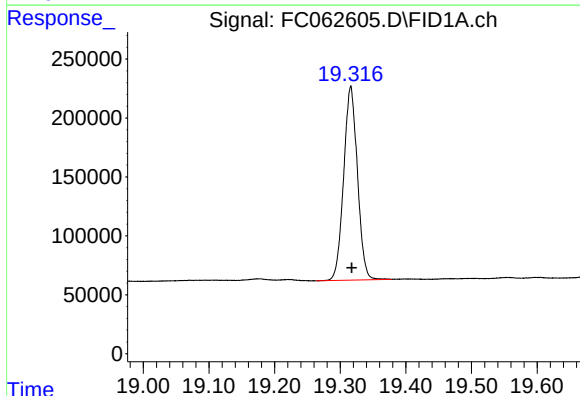
R.T.: 17.706 min
Delta R.T.: 0.000 min
Response: 2391969
Conc: 22.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



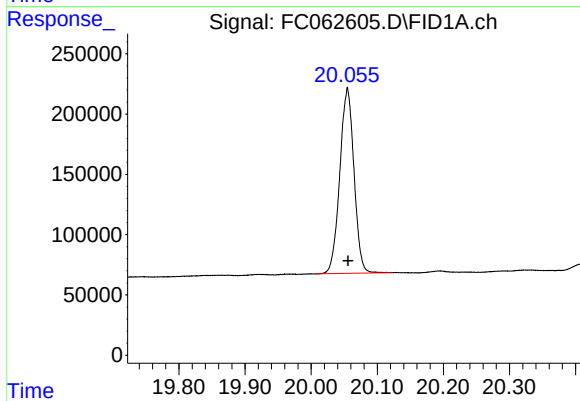
#18 n-Dotriacontane (C32)

R.T.: 18.536 min
Delta R.T.: 0.000 min
Response: 2444147
Conc: 22.39 ug/ml



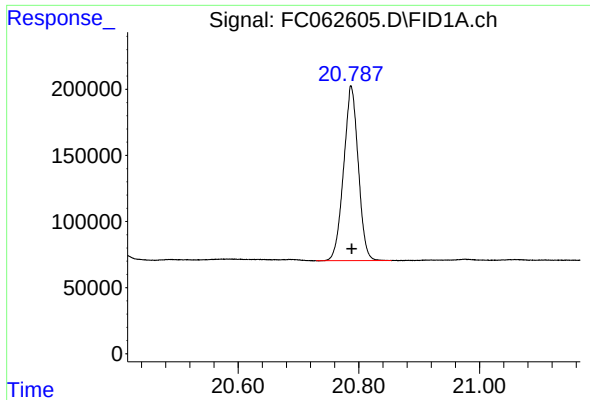
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: -0.001 min
Response: 2393057
Conc: 22.01 ug/ml



#20 n-Hexatriacontane (C36)

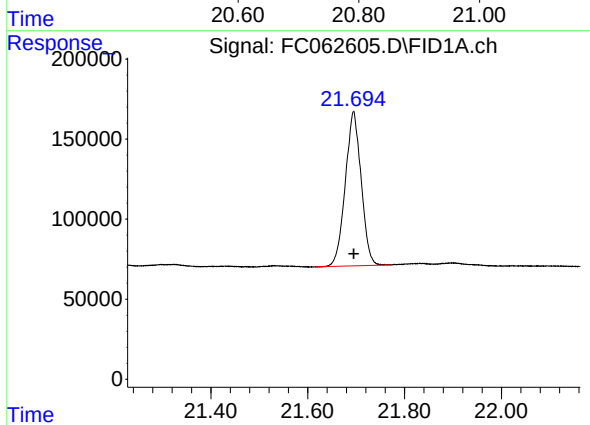
R.T.: 20.055 min
Delta R.T.: 0.000 min
Response: 2292112
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.001 min
Response: 2218020
Conc: 20.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.695 min
Delta R.T.: 0.000 min
Response: 2186793
Conc: 20.53 ug/ml