

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042723AL\
 Data File : FC063483.D
 Signal(s) : FID1A.ch
 Acq On : 27 Apr 2023 23:00
 Operator : YP/AJ
 Sample : 02502-14MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 BU-511-06MSD

Integration File: autoint1.e
 Quant Time: Apr 28 02:51:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.532	3937021	25.876 ug/ml
Spiked Amount 50.000		Recovery =	51.75%
12) S 1-chlorooctadecane (S...	12.967	3821994	34.542 ug/ml
Spiked Amount 50.000		Recovery =	69.08%
Target Compounds			
1) T n-Nonane (C9)	3.303	4512503	32.141 ug/ml
2) T n-Decane (C10)	4.369	5161606	37.877 ug/ml
3) T A~Naphthalene (C11.7)	5.951	5902966	39.092 ug/ml
4) T n-Dodecane (C12)	6.386	5702208	42.387 ug/ml
5) T A~2-methylnaphthalene...	7.008	5845335	41.968 ug/ml
6) T n-Tetradecane (C14)	8.181	6138067	45.341 ug/ml
7) T n-Hexadecane (C16)	9.780	6664464	49.077 ug/ml
8) T n-Octadecane (C18)	11.220	6867473	49.580 ug/ml
10) T n-Eicosane (C20)	12.527	6819737	50.761 ug/ml
11) T n-Heneicosane (C21)	13.138	6663815	49.513 ug/ml
13) T n-Docosane (C22)	13.722	6624046	49.672 ug/ml
14) T n-Tetracosane (C24)	14.821	4991544	37.124 ug/ml
15) T n-Hexacosane (C26)	15.842	6577631	49.141 ug/ml
16) T n-Octacosane (C28)	16.789	6553854	48.403 ug/ml
17) T n-Tricontane (C30)	17.675	6541138	47.285 ug/ml
18) T n-Dotriacontane (C32)	18.502	6428832	45.537 ug/ml
19) T n-Tetratriacontane (C34)	19.284	6188779	44.845 ug/ml
20) T n-Hexatriacontane (C36)	20.021	5991892	46.878 ug/ml
21) T n-Octatriacontane (C38)	20.747	5873286	47.699 ug/ml
22) T n-Tetracontane (C40)	21.643	5690399	48.355 ug/ml

(f)=RT Delta > 1/2 Window

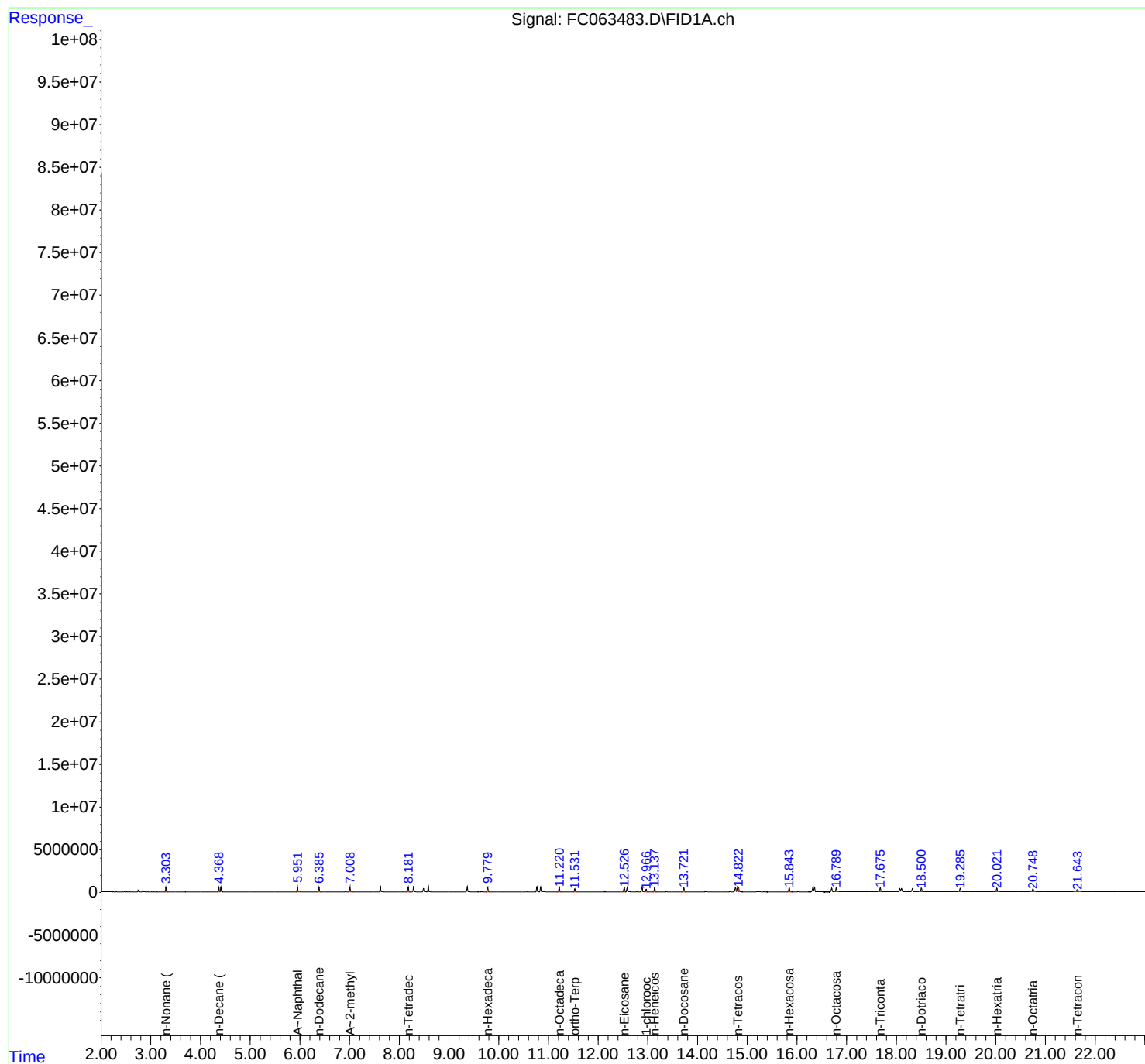
(m)=manual int.

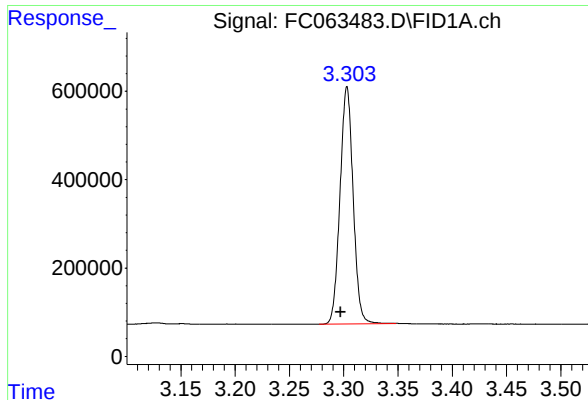
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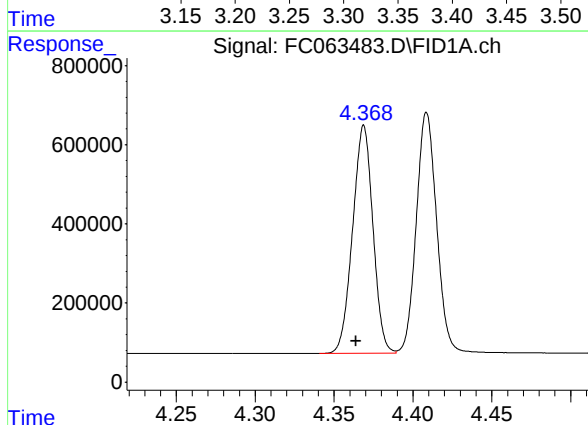




#1 n-Nonane (C9)

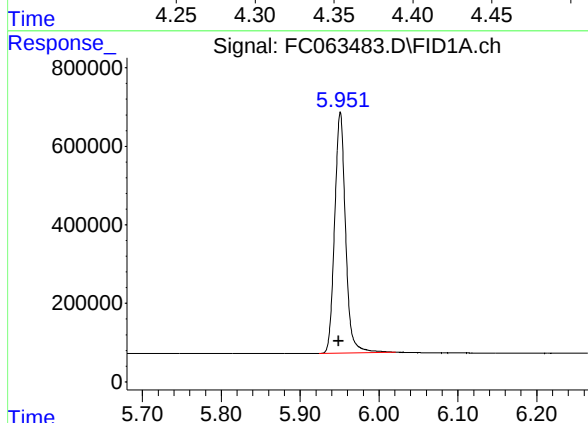
R.T.: 3.303 min
Delta R.T.: 0.006 min
Response: 4512503
Conc: 32.14 ug/ml

Instrument :
FID_C
ClientSampleId :
BU-511-06MSD



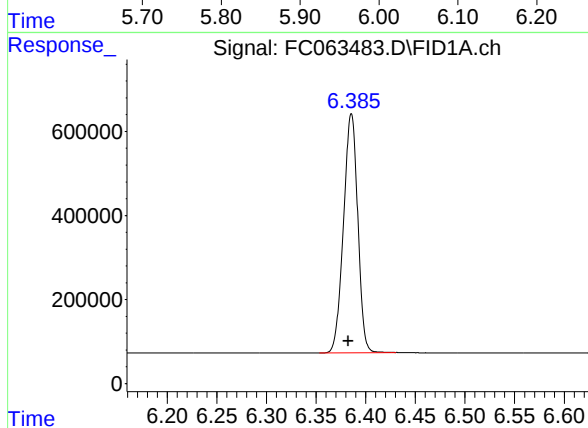
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.005 min
Response: 5161606
Conc: 37.88 ug/ml



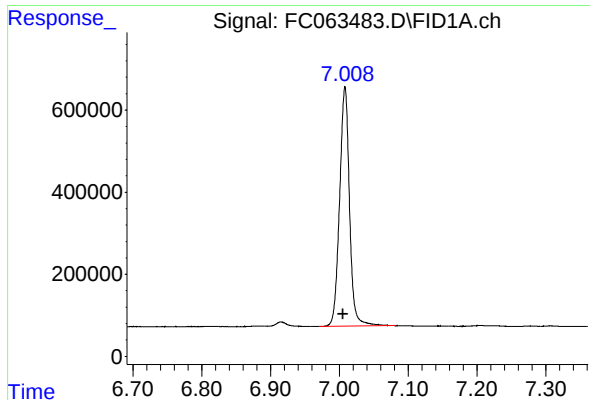
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 5902966
Conc: 39.09 ug/ml



#4 n-Dodecane (C12)

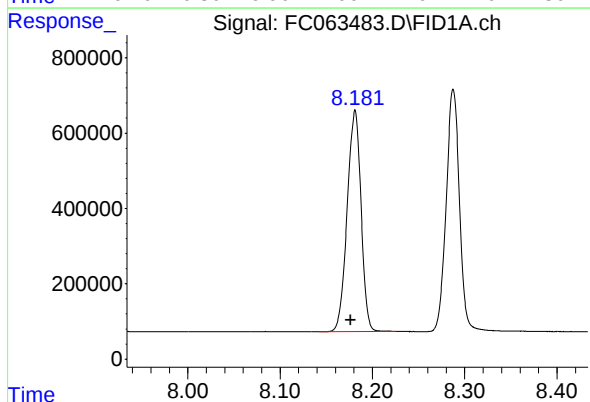
R.T.: 6.386 min
Delta R.T.: 0.003 min
Response: 5702208
Conc: 42.39 ug/ml



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

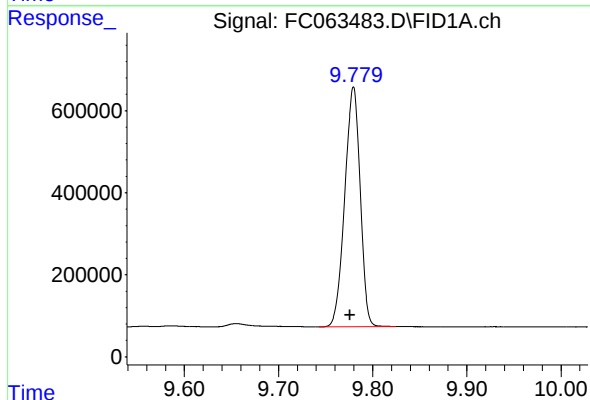
R.T.: 7.008 min
Delta R.T.: 0.003 min
Response: 5845335
Conc: 41.97 ug/ml

Instrument :
FID_C
ClientSampleId :
BU-511-06MSD



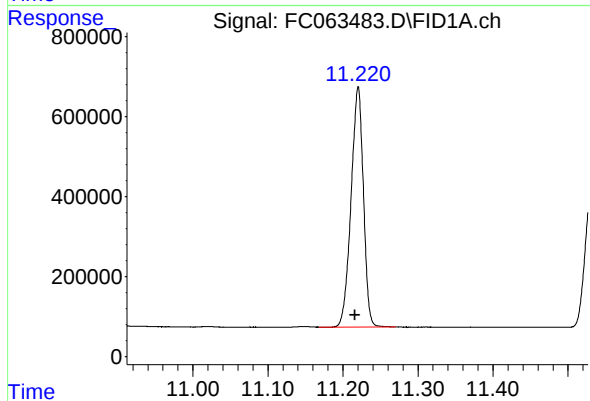
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: 0.005 min
Response: 6138067
Conc: 45.34 ug/ml



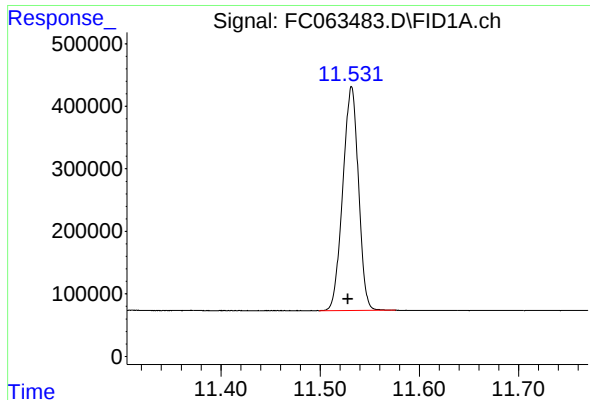
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.004 min
Response: 6664464
Conc: 49.08 ug/ml



#8 n-Octadecane (C18)

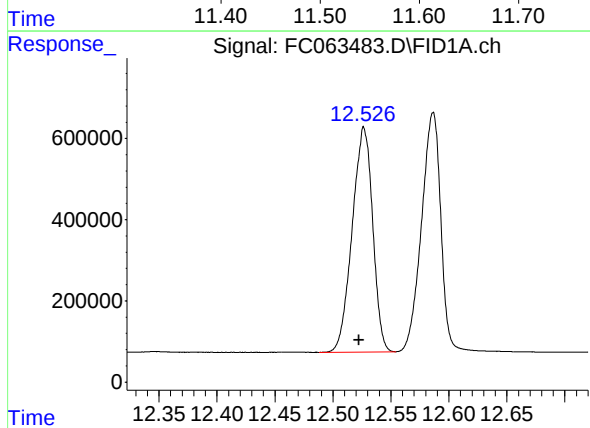
R.T.: 11.220 min
Delta R.T.: 0.004 min
Response: 6867473
Conc: 49.58 ug/ml



#9 ortho-Terphenyl (SURR)

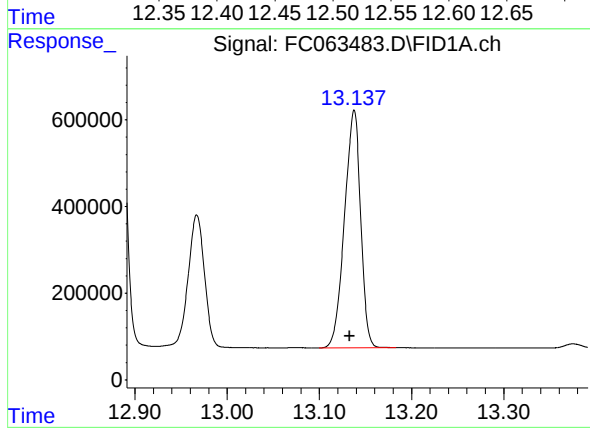
R.T.: 11.532 min
Delta R.T.: 0.004 min
Response: 3937021
Conc: 25.88 ug/ml

Instrument :
FID_C
ClientSampleId :
BU-511-06MSD



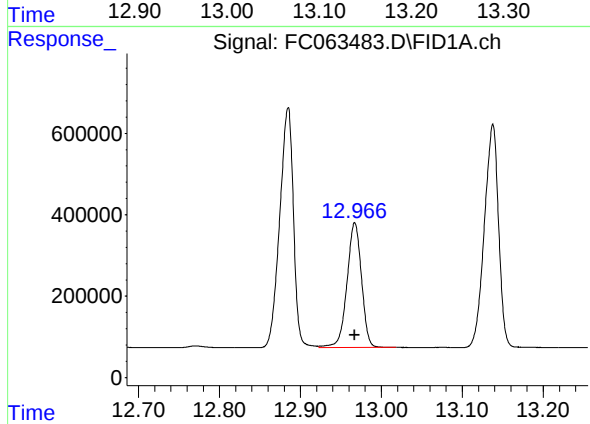
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.004 min
Response: 6819737
Conc: 50.76 ug/ml



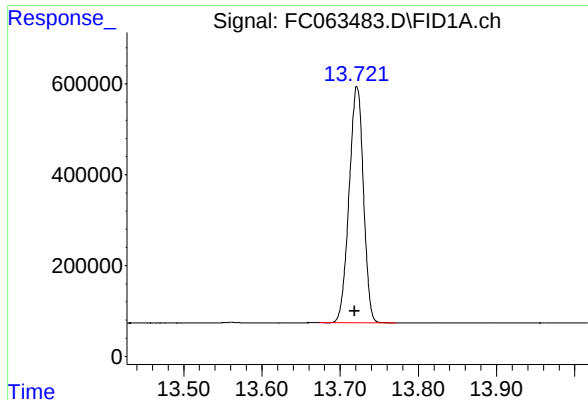
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.005 min
Response: 6663815
Conc: 49.51 ug/ml



#12 1-chlorooctadecane (SURR)

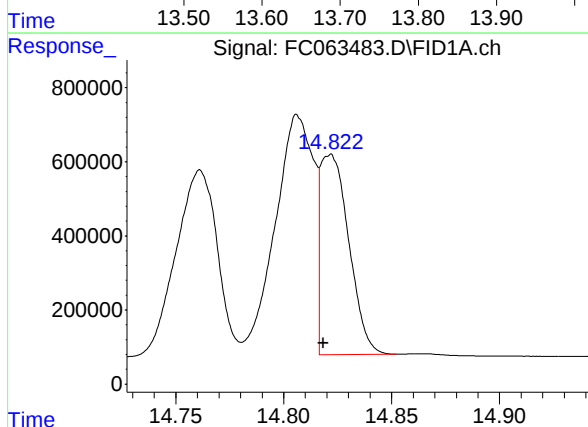
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 3821994
Conc: 34.54 ug/ml



#13 n-Docosane (C22)

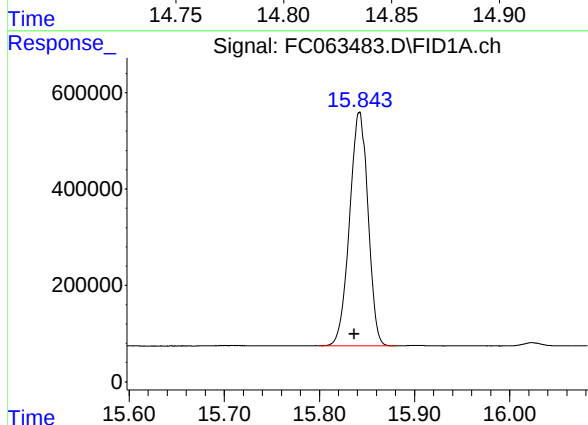
R.T.: 13.722 min
Delta R.T.: 0.003 min
Response: 6624046
Conc: 49.67 ug/ml

Instrument :
FID_C
ClientSampleId :
BU-511-06MSD



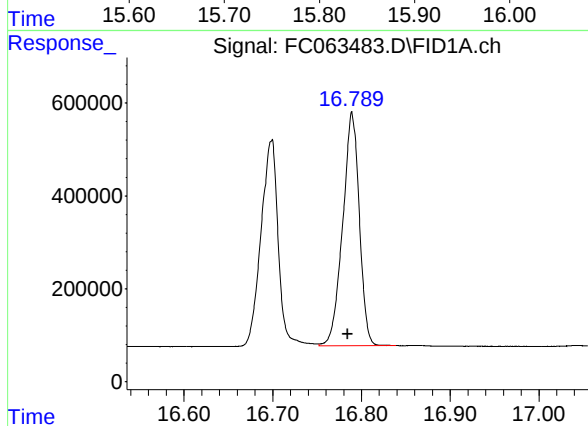
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: 0.003 min
Response: 4991544
Conc: 37.12 ug/ml



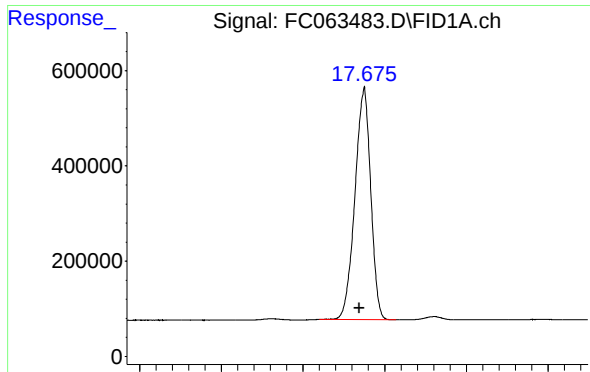
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: 0.005 min
Response: 6577631
Conc: 49.14 ug/ml



#16 n-Octacosane (C28)

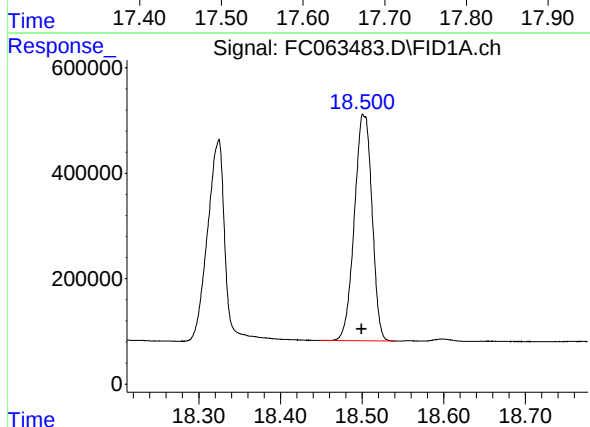
R.T.: 16.789 min
Delta R.T.: 0.005 min
Response: 6553854
Conc: 48.40 ug/ml



#17 n-Tricontane (C30)

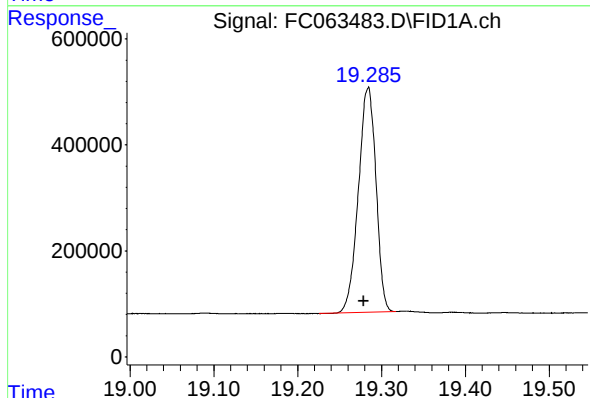
R.T.: 17.675 min
Delta R.T.: 0.006 min
Response: 6541138
Conc: 47.29 ug/ml

Instrument :
FID_C
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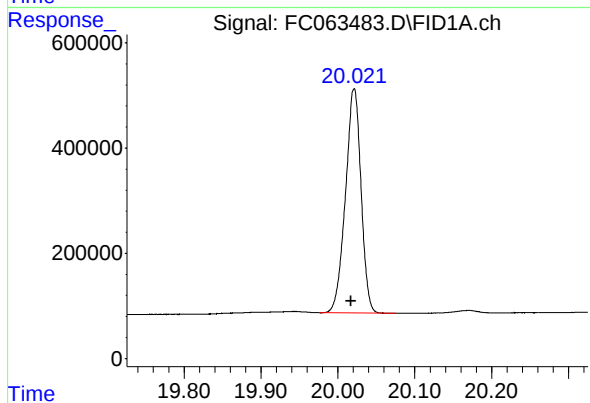
#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: 0.003 min
Response: 6428832
Conc: 45.54 ug/ml



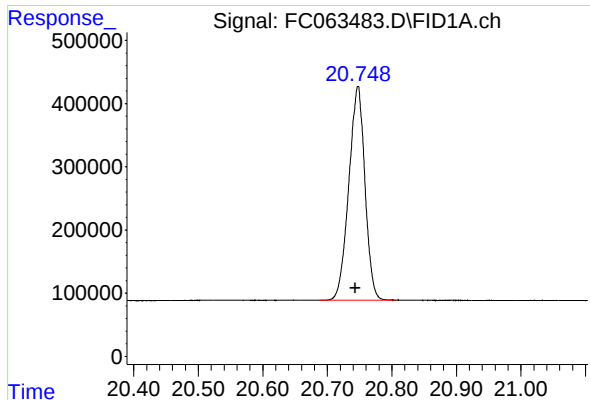
#19 n-Tetratriacontane (C34)

R.T.: 19.284 min
Delta R.T.: 0.005 min
Response: 6188779
Conc: 44.85 ug/ml



#20 n-Hexatriacontane (C36)

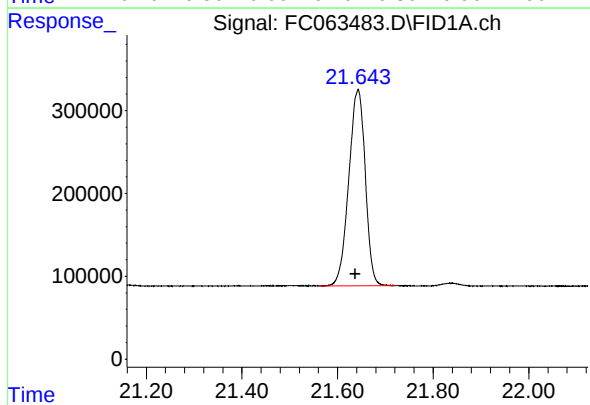
R.T.: 20.021 min
Delta R.T.: 0.004 min
Response: 5991892
Conc: 46.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.747 min
Delta R.T.: 0.004 min
Response: 5873286
Conc: 47.70 ug/ml

Instrument :
FID_C
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BU-511-06MSD



#22 n-Tetracontane (C40)

R.T.: 21.643 min
Delta R.T.: 0.006 min
Response: 5690399
Conc: 48.36 ug/ml