

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051324AL\
 Data File : FC066404.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2024 09:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 14 02:45:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 2024
 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	3531872	21.362 ug/ml
Spiked Amount 50.000		Recovery =	42.72%
12) S 1-chlorooctadecane (S...	12.996	2628062	21.426 ug/ml
Spiked Amount 50.000		Recovery =	42.85%
Target Compounds			
1) T n-Nonane (C9)	3.313	3022514	20.013 ug/ml
2) T n-Decane (C10)	4.381	3160760	20.553 ug/ml
3) T A~Naphthalene (C11.7)	5.964	3484560	20.510 ug/ml
4) T n-Dodecane (C12)	6.403	3200392	20.825 ug/ml
5) T A~2-methylnaphthalene...	7.021	3405353	20.662 ug/ml
6) T n-Tetradecane (C14)	8.199	3173571	20.970 ug/ml
7) T n-Hexadecane (C16)	9.801	3268126	21.373 ug/ml
8) T n-Octadecane (C18)	11.244	3278807	21.601 ug/ml
10) T n-Eicosane (C20)	12.553	3126725	21.735 ug/ml
11) T n-Heneicosane (C21)	13.164	3052391	21.715 ug/ml
13) T n-Docosane (C22)	13.751	3031589	21.653 ug/ml
14) T n-Tetracosane (C24)	14.855	3007002	21.360 ug/ml
15) T n-Hexacosane (C26)	15.877	2928607	21.410 ug/ml
16) T n-Octacosane (C28)	16.826	2889638	21.577 ug/ml
17) T n-Tricontane (C30)	17.714	3002061	22.277 ug/ml
18) T n-Dotriacontane (C32)	18.546	2966461	23.039 ug/ml
19) T n-Tetratriacontane (C34)	19.331	2794943	23.623 ug/ml
20) T n-Hexatriacontane (C36)	20.070	2622057	22.812 ug/ml
21) T n-Octatriacontane (C38)	20.806	2543892	23.634 ug/mlm
22) T n-Tetracontane (C40)	21.716	2497180	23.287 ug/ml

(f)=RT Delta > 1/2 Window

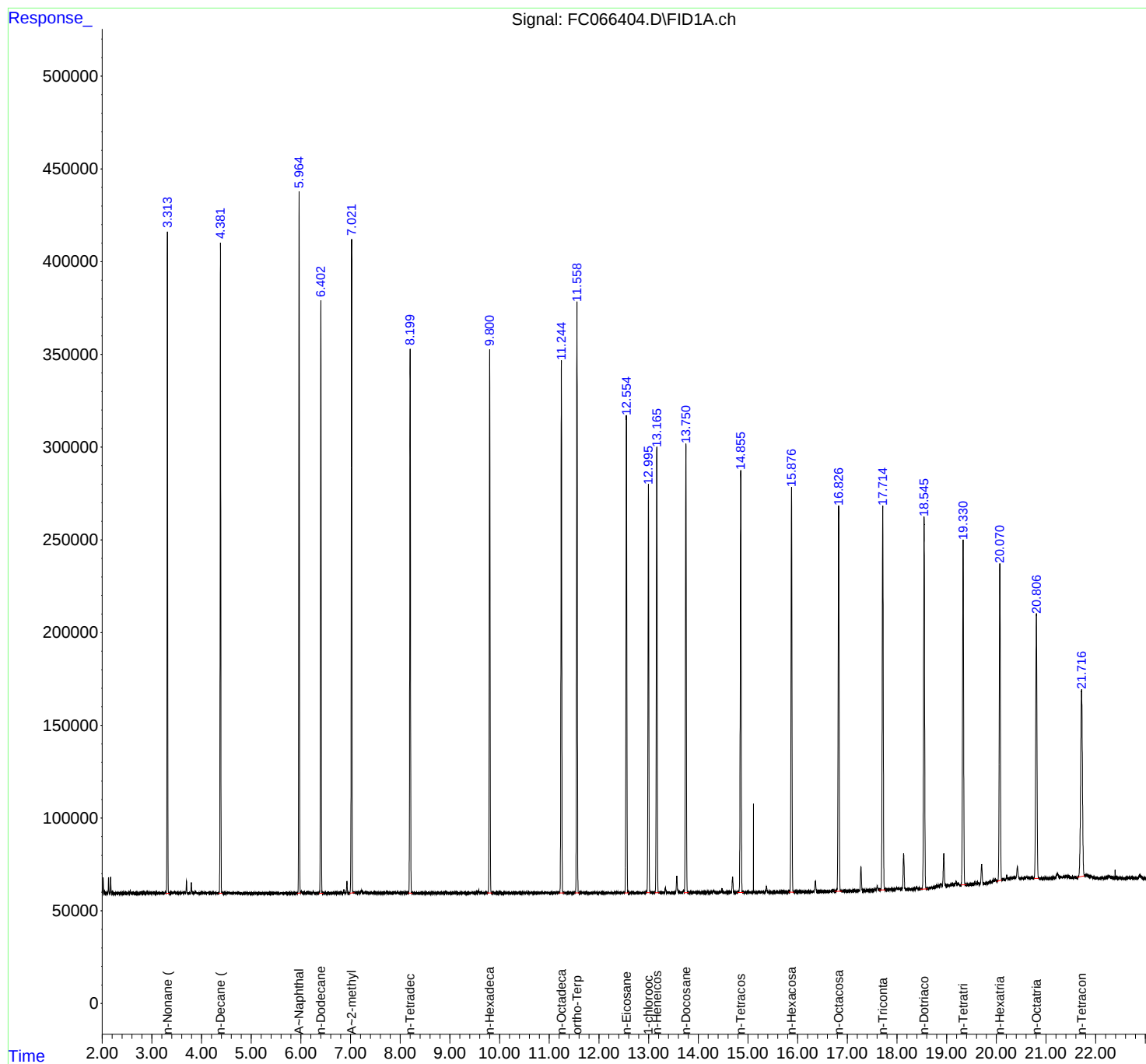
(m)=manual int.

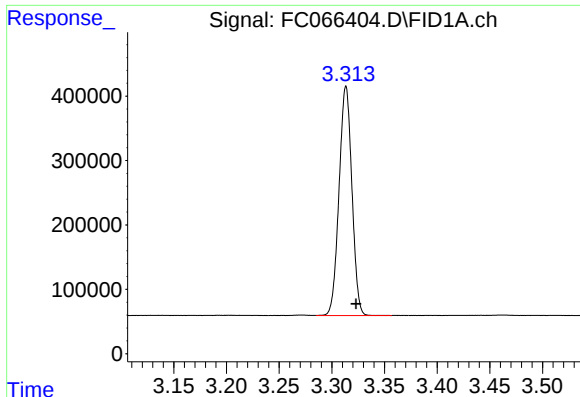
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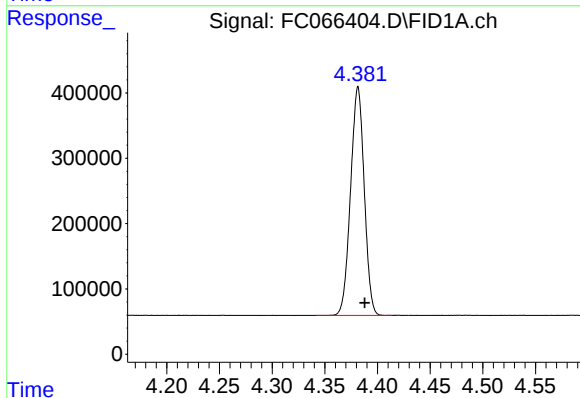




#1 n-Nonane (C9)

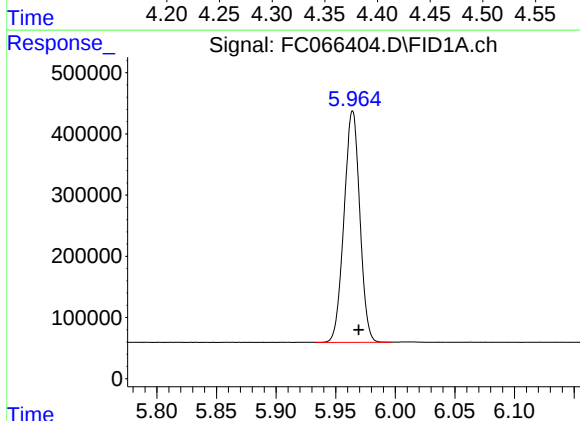
R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 3022514
Conc: 20.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



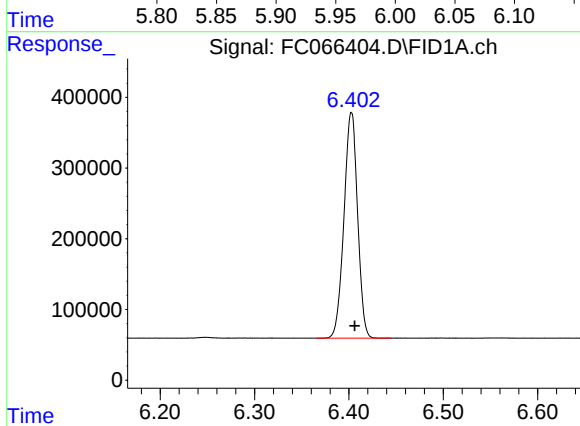
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.006 min
Response: 3160760
Conc: 20.55 ug/ml



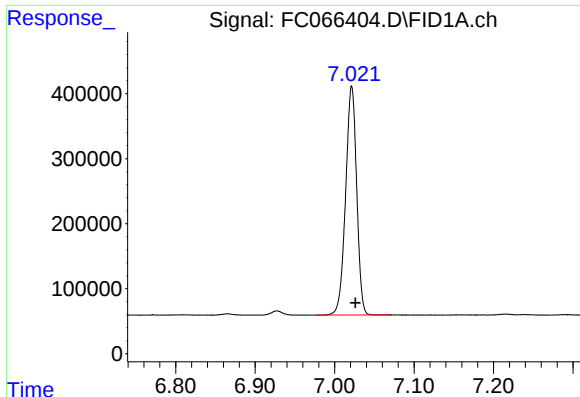
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 3484560
Conc: 20.51 ug/ml



#4 n-Dodecane (C12)

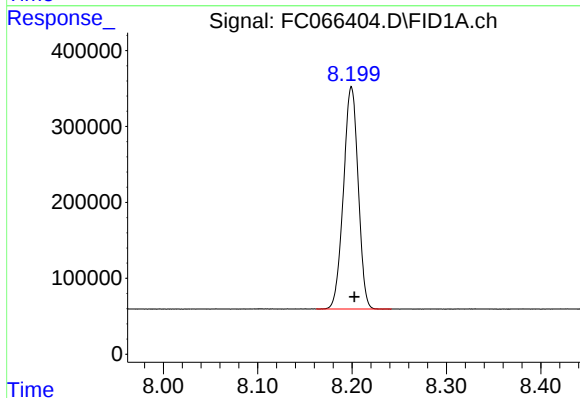
R.T.: 6.403 min
Delta R.T.: -0.004 min
Response: 3200392
Conc: 20.82 ug/ml



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

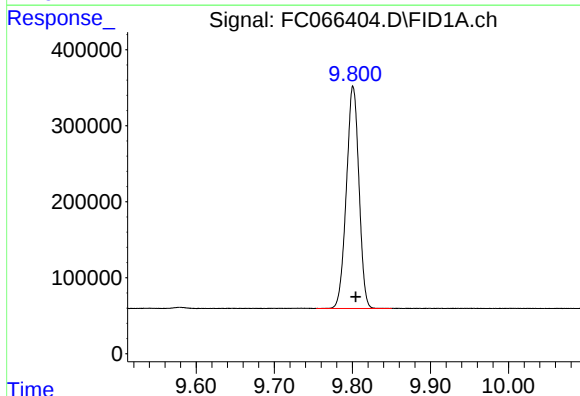
R.T.: 7.021 min
Delta R.T.: -0.005 min
Response: 3405353
Conc: 20.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



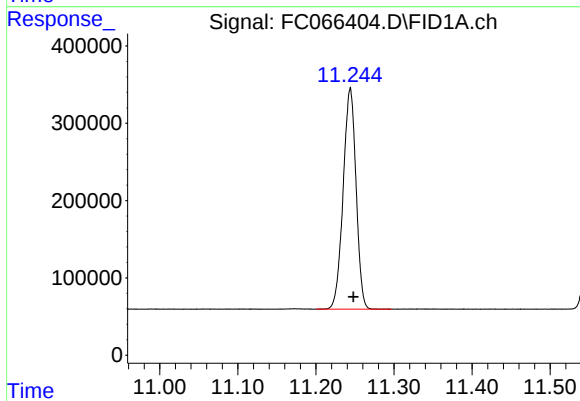
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.003 min
Response: 3173571
Conc: 20.97 ug/ml



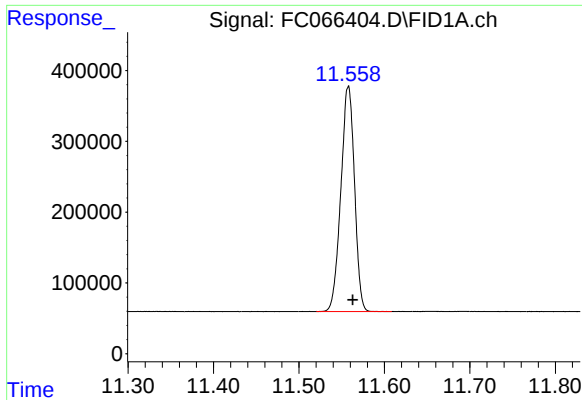
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.003 min
Response: 3268126
Conc: 21.37 ug/ml



#8 n-Octadecane (C18)

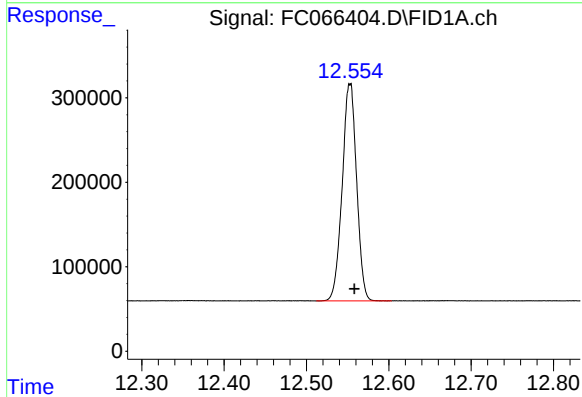
R.T.: 11.244 min
Delta R.T.: -0.004 min
Response: 3278807
Conc: 21.60 ug/ml



#9 ortho-Terphenyl (SURR)

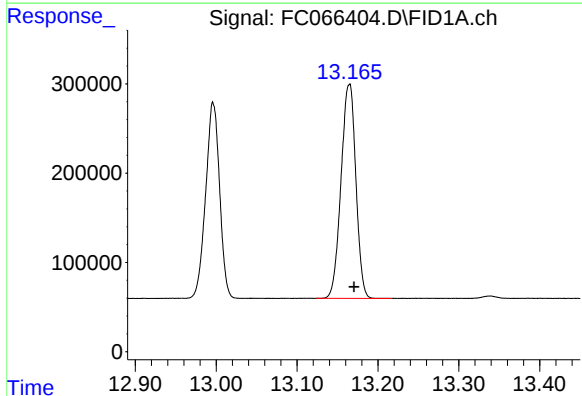
R.T.: 11.558 min
Delta R.T.: -0.005 min
Response: 3531872
Conc: 21.36 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



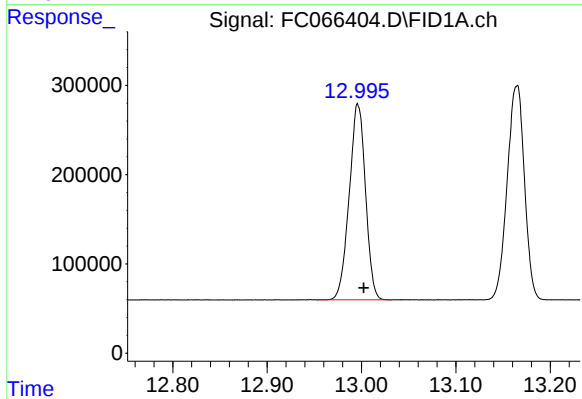
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.006 min
Response: 3126725
Conc: 21.74 ug/ml



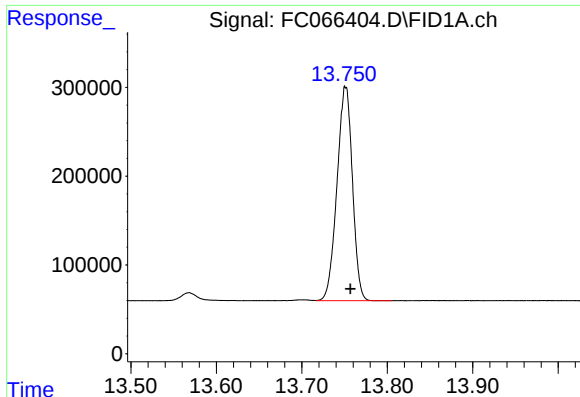
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.006 min
Response: 3052391
Conc: 21.71 ug/ml



#12 1-chlorooctadecane (SURR)

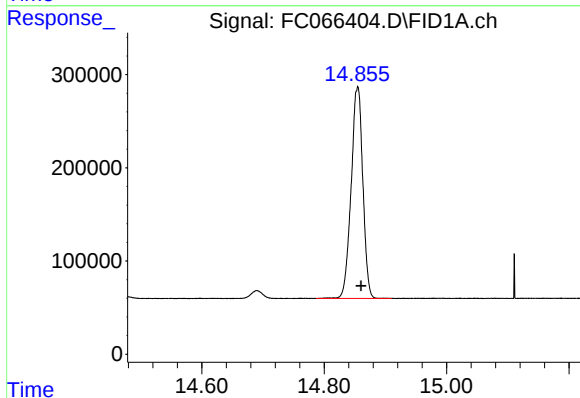
R.T.: 12.996 min
Delta R.T.: -0.006 min
Response: 2628062
Conc: 21.43 ug/ml



#13 n-Docosane (C22)

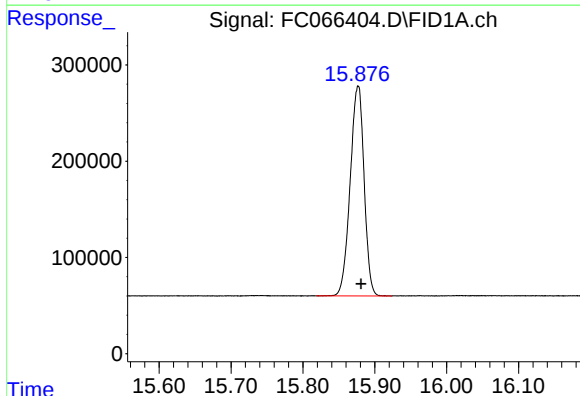
R.T.: 13.751 min
Delta R.T.: -0.006 min
Response: 3031589
Conc: 21.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



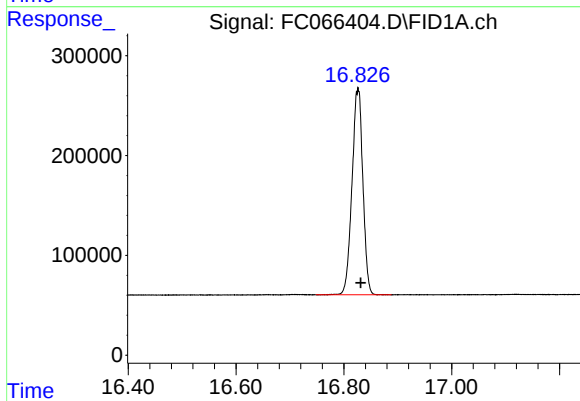
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.006 min
Response: 3007002
Conc: 21.36 ug/ml



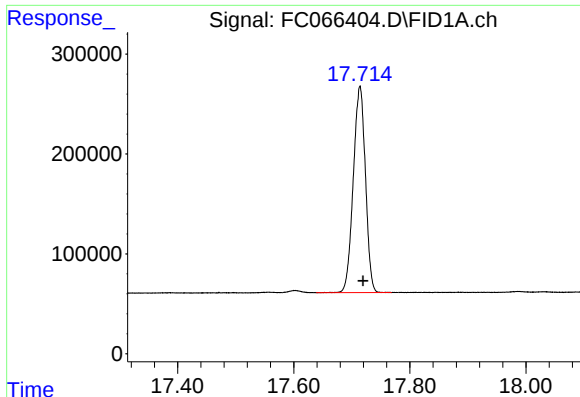
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.005 min
Response: 2928607
Conc: 21.41 ug/ml



#16 n-Octacosane (C28)

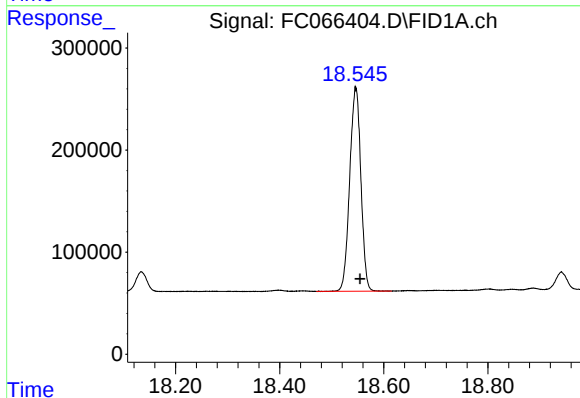
R.T.: 16.826 min
Delta R.T.: -0.005 min
Response: 2889638
Conc: 21.58 ug/ml



#17 n-Tricontane (C30)

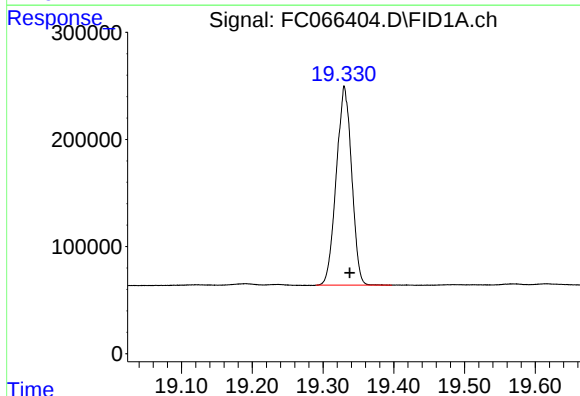
R.T.: 17.714 min
Delta R.T.: -0.006 min
Response: 3002061
Conc: 22.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



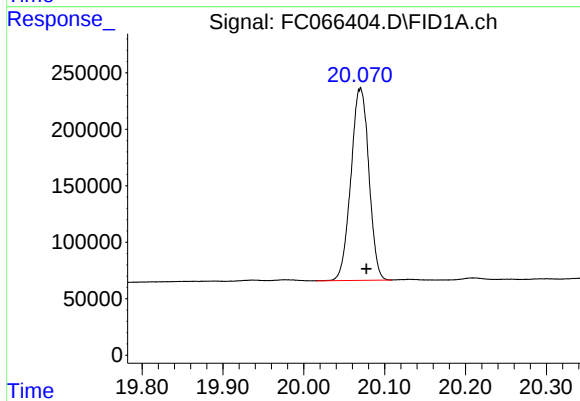
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.008 min
Response: 2966461
Conc: 23.04 ug/ml



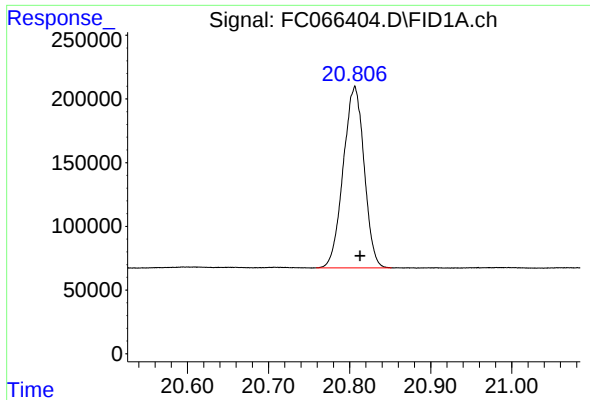
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: -0.007 min
Response: 2794943
Conc: 23.62 ug/ml



#20 n-Hexatriacontane (C36)

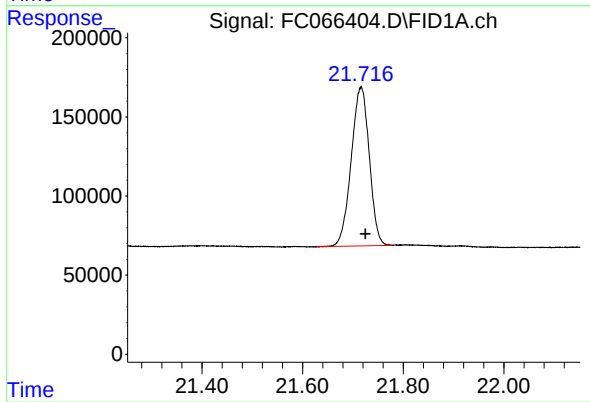
R.T.: 20.070 min
Delta R.T.: -0.008 min
Response: 2622057
Conc: 22.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: -0.006 min
Response: 2543892
Conc: 23.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.716 min
Delta R.T.: -0.009 min
Response: 2497180
Conc: 23.29 ug/ml