

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050924AL\
 Data File : FC066366.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 08:00
 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 10 08:59:47 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)	11.567	3195922	19.330 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
12) S 1-chlorooctadecane (S...	13.006	2366136	19.290 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
Target Compounds			
1) T n-Nonane (C9)	3.330	2685806	17.783 ug/ml
2) T n-Decane (C10)	4.399	2786746	18.121 ug/ml
3) T A~Naphthalene (C11.7)	5.981	3062052	18.023 ug/ml
4) T n-Dodecane (C12)	6.417	2757930	17.946 ug/ml
5) T A~2-methylnaphthalene...	7.036	2985644	18.116 ug/ml
6) T n-Tetradecane (C14)	8.211	2812155	18.582 ug/ml
7) T n-Hexadecane (C16)	9.811	2922925	19.116 ug/ml
8) T n-Octadecane (C18)	11.253	2955053	19.468 ug/ml
10) T n-Eicosane (C20)	12.562	2852995	19.833 ug/ml
11) T n-Heneicosane (C21)	13.174	2744495	19.525 ug/ml
13) T n-Docosane (C22)	13.761	2736802	19.548 ug/ml
14) T n-Tetracosane (C24)	14.864	2728510	19.381 ug/ml
15) T n-Hexacosane (C26)	15.885	2679846	19.592 ug/ml
16) T n-Octacosane (C28)	16.835	2655872	19.832 ug/ml
17) T n-Tricontane (C30)	17.721	2983301	22.137 ug/ml
18) T n-Dotriacontane (C32)	18.552	2938297	22.821 ug/ml
19) T n-Tetratriacontane (C34)	19.337	2772390	23.432 ug/ml
20) T n-Hexatriacontane (C36)	20.077	2628582	22.868 ug/ml
21) T n-Octatriacontane (C38)	20.812	2516629	23.381 ug/ml
22) T n-Tetracontane (C40)	21.723	2462589	22.965 ug/ml

(f)=RT Delta > 1/2 Window

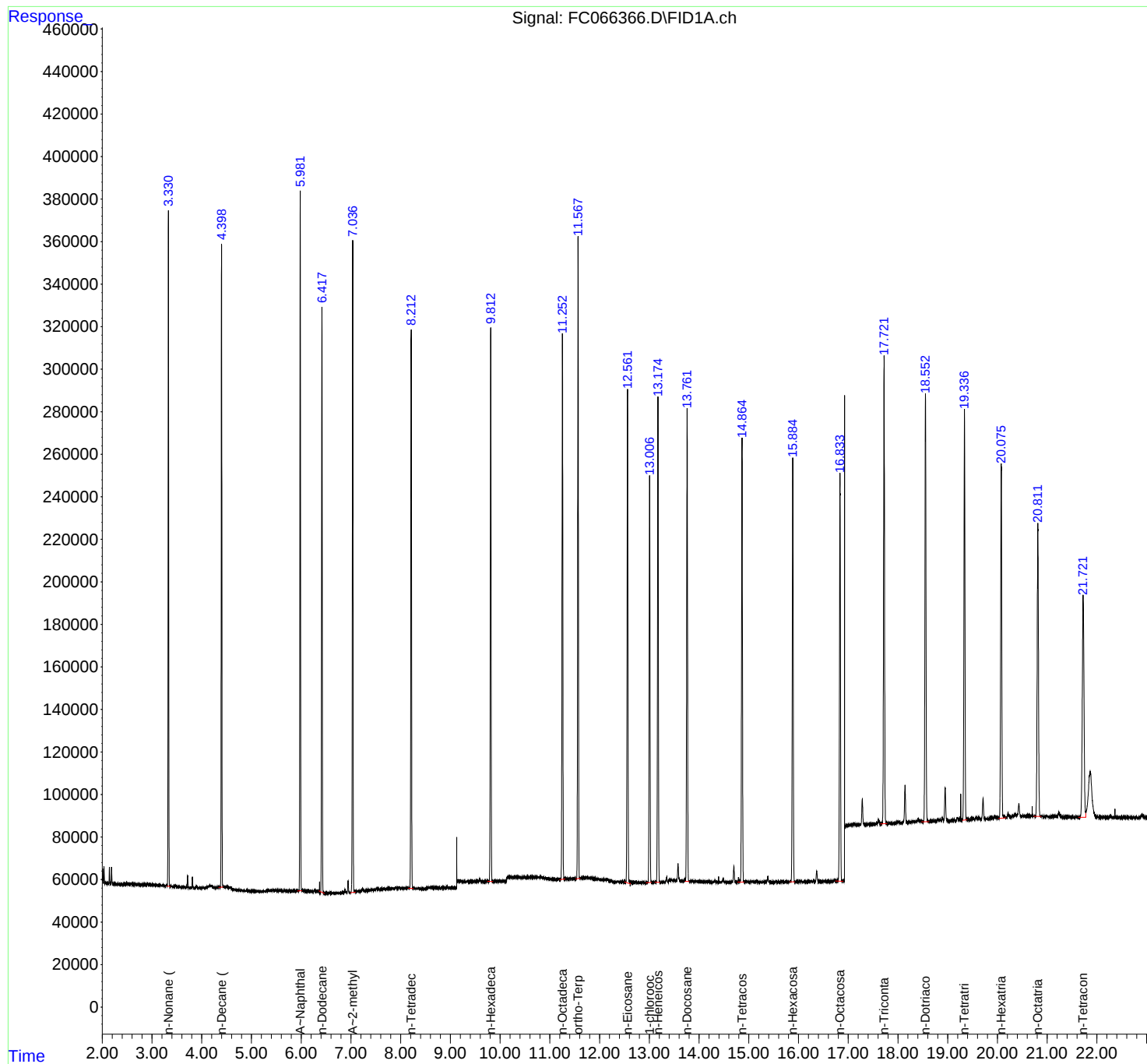
(m)=manual int.

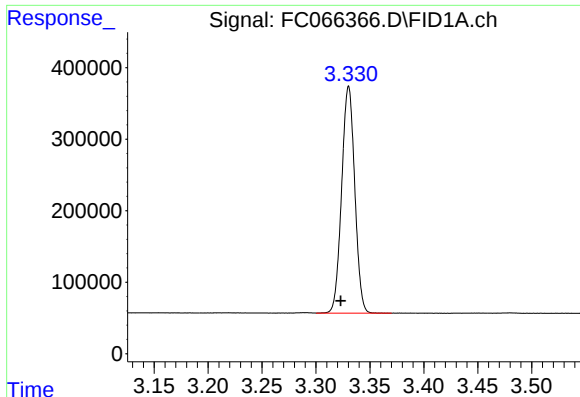
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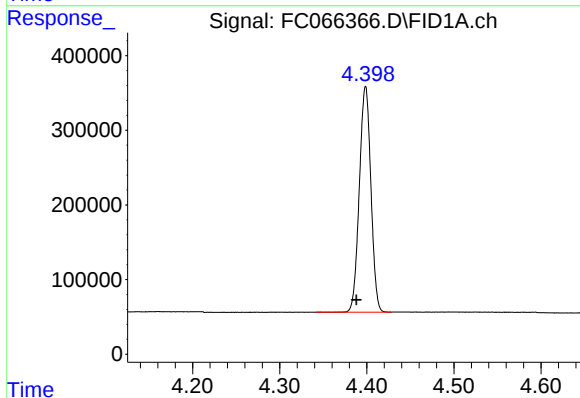




#1 n-Nonane (C9)

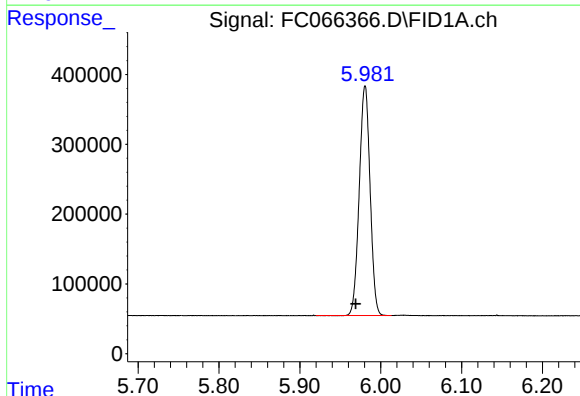
R.T.: 3.330 min
Delta R.T.: 0.007 min
Response: 2685806
Conc: 17.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



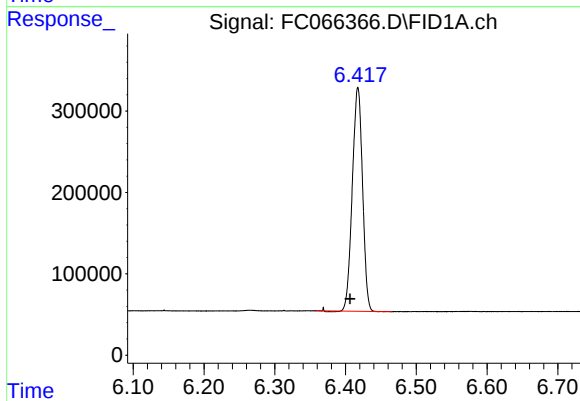
#2 n-Decane (C10)

R.T.: 4.399 min
Delta R.T.: 0.011 min
Response: 2786746
Conc: 18.12 ug/ml



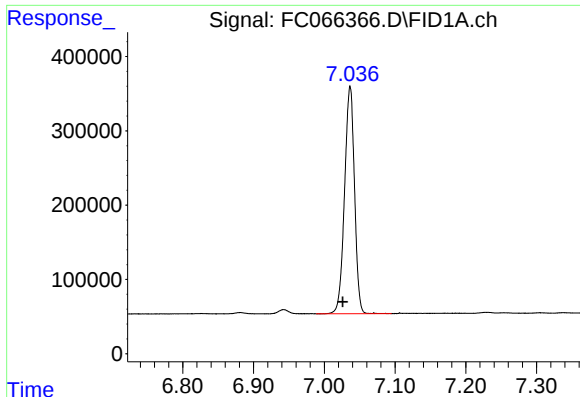
#3 A~Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: 0.011 min
Response: 3062052
Conc: 18.02 ug/ml



#4 n-Dodecane (C12)

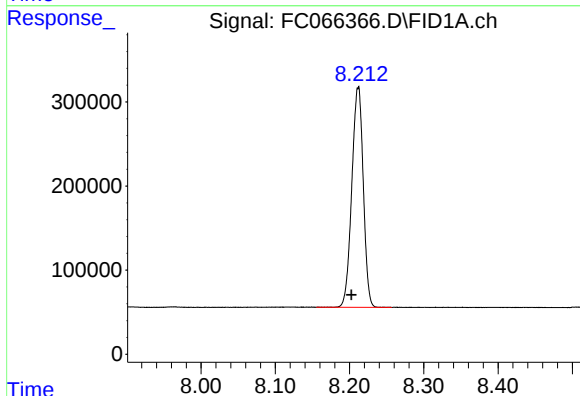
R.T.: 6.417 min
Delta R.T.: 0.011 min
Response: 2757930
Conc: 17.95 ug/ml



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

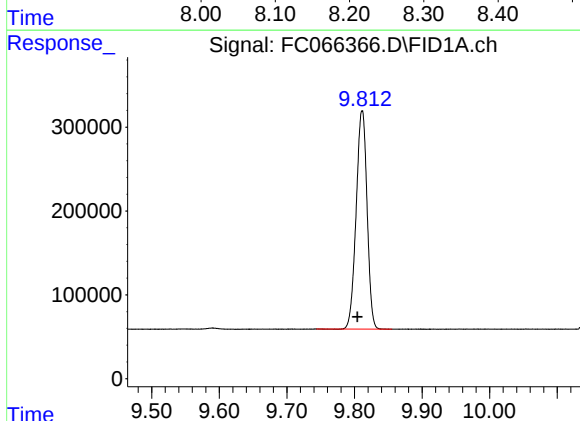
R.T.: 7.036 min
Delta R.T.: 0.010 min
Response: 2985644
Conc: 18.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



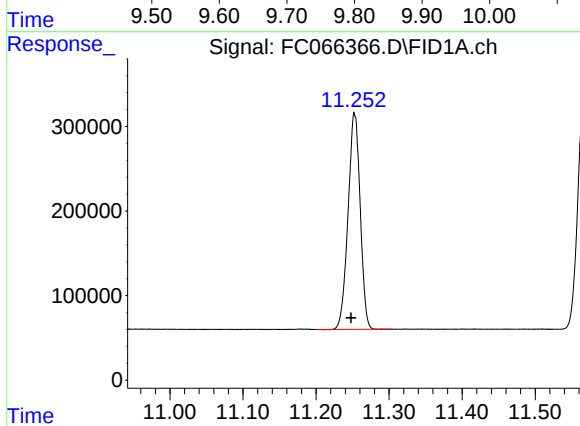
#6 n-Tetradecane (C14)

R.T.: 8.211 min
Delta R.T.: 0.009 min
Response: 2812155
Conc: 18.58 ug/ml



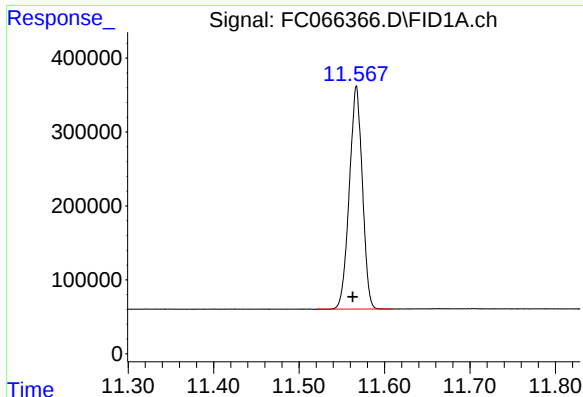
#7 n-Hexadecane (C16)

R.T.: 9.811 min
Delta R.T.: 0.007 min
Response: 2922925
Conc: 19.12 ug/ml



#8 n-Octadecane (C18)

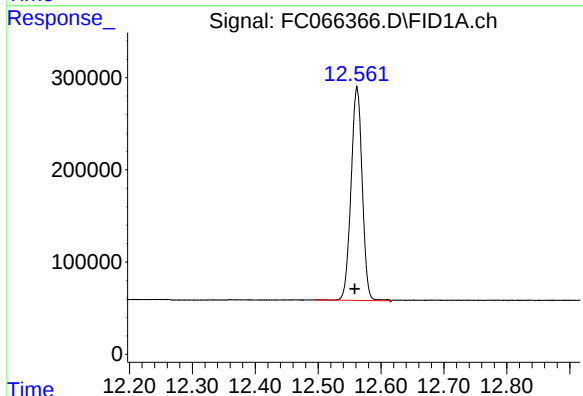
R.T.: 11.253 min
Delta R.T.: 0.005 min
Response: 2955053
Conc: 19.47 ug/ml



#9 ortho-Terphenyl (SURR)

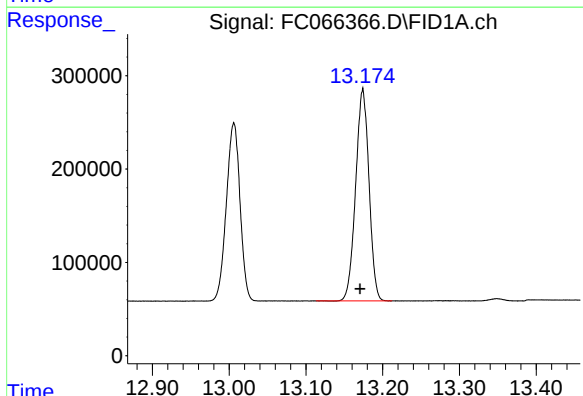
R.T.: 11.567 min
Delta R.T.: 0.004 min
Response: 3195922
Conc: 19.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



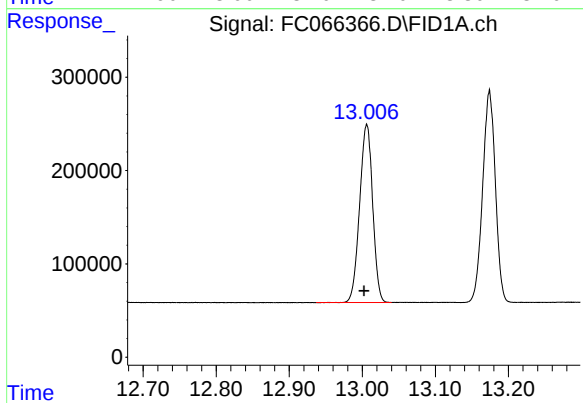
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: 0.004 min
Response: 2852995
Conc: 19.83 ug/ml



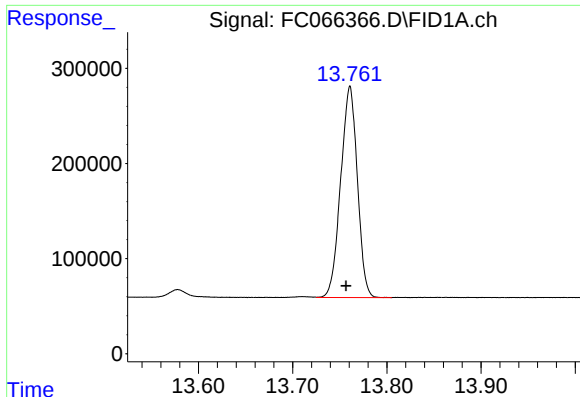
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: 0.004 min
Response: 2744495
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

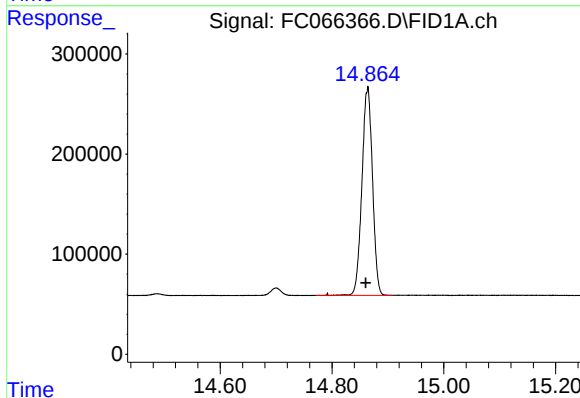
R.T.: 13.006 min
Delta R.T.: 0.004 min
Response: 2366136
Conc: 19.29 ug/ml



#13 n-Docosane (C22)

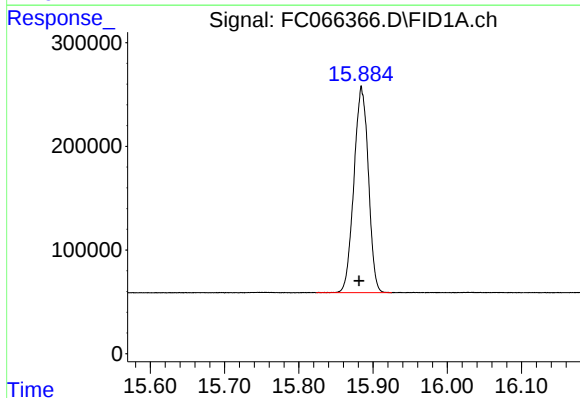
R.T.: 13.761 min
Delta R.T.: 0.004 min
Response: 2736802
Conc: 19.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



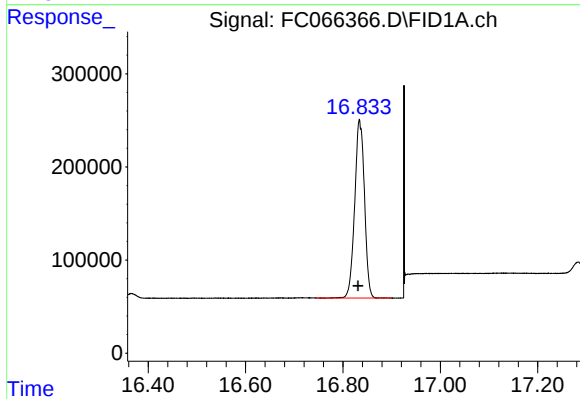
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: 0.003 min
Response: 2728510
Conc: 19.38 ug/ml



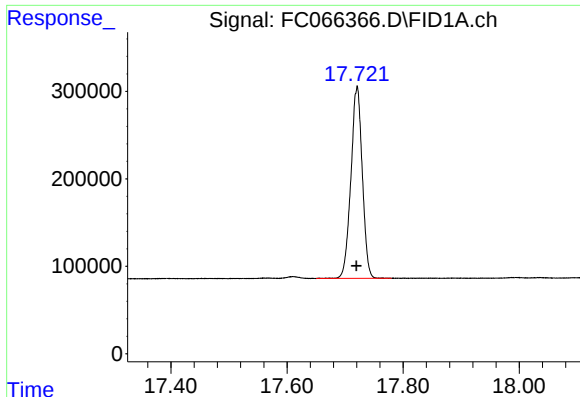
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.004 min
Response: 2679846
Conc: 19.59 ug/ml



#16 n-Octacosane (C28)

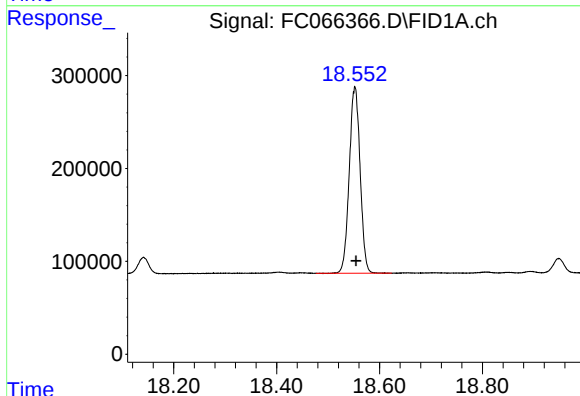
R.T.: 16.835 min
Delta R.T.: 0.003 min
Response: 2655872
Conc: 19.83 ug/ml



#17 n-Tricontane (C30)

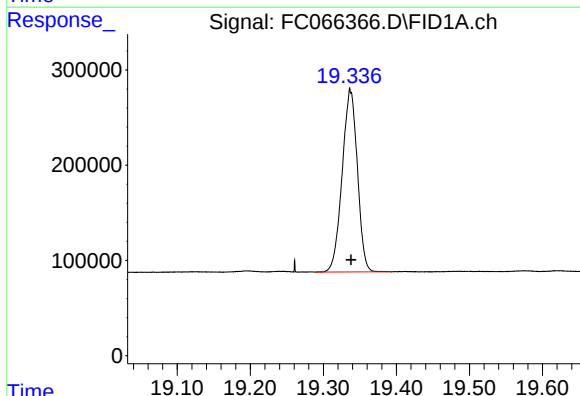
R.T.: 17.721 min
Delta R.T.: 0.000 min
Response: 2983301
Conc: 22.14 ug/ml

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FID_C
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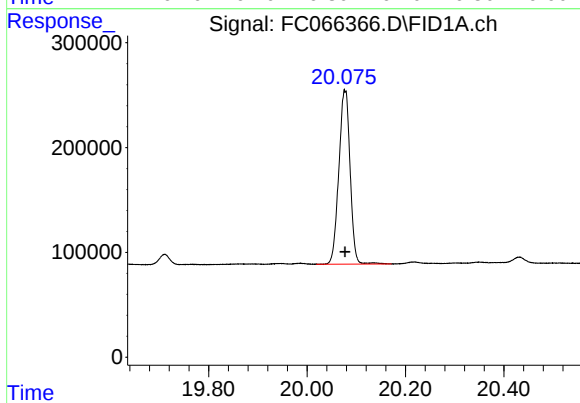
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.002 min
Response: 2938297
Conc: 22.82 ug/ml



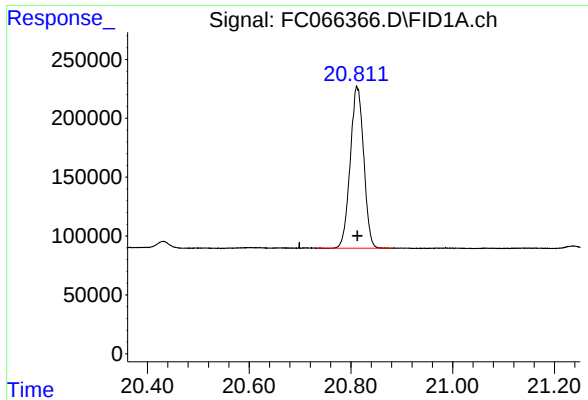
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: 0.000 min
Response: 2772390
Conc: 23.43 ug/ml



#20 n-Hexatriacontane (C36)

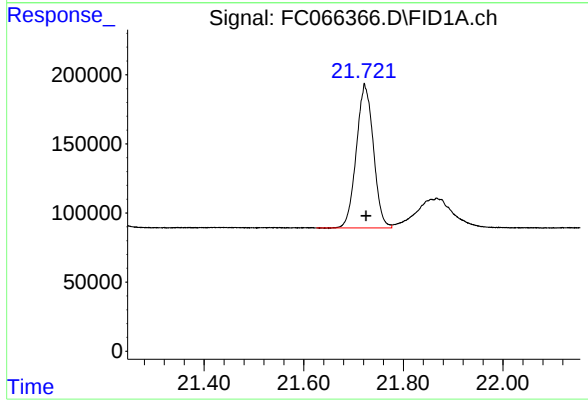
R.T.: 20.077 min
Delta R.T.: 0.000 min
Response: 2628582
Conc: 22.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: 0.000 min
Response: 2516629
Conc: 23.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.003 min
Response: 2462589
Conc: 22.96 ug/ml