

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073124AL\
 Data File : FC066866.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 13:43
 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: Aug 01 04:23:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.519	3340593	21.699 ug/ml
Spiked Amount 50.000		Recovery =	43.40%
12) S 1-chlorooctadecane (S...	12.958	2495621	22.319 ug/ml
Spiked Amount 50.000		Recovery =	44.64%
Target Compounds			
1) T n-Nonane (C9)	3.286	3067650	21.619 ug/ml
2) T n-Decane (C10)	4.351	3143730	21.266 ug/ml
3) T A~Naphthalene (C11.7)	5.932	3426574	21.457 ug/ml
4) T n-Dodecane (C12)	6.370	3149976	21.011 ug/ml
5) T A~2-methylnaphthalene...	6.989	3288472	21.451 ug/ml
6) T n-Tetradecane (C14)	8.164	3080382	21.054 ug/ml
7) T n-Hexadecane (C16)	9.765	3158904	21.106 ug/ml
8) T n-Octadecane (C18)	11.207	3143262	21.181 ug/ml
10) T n-Eicosane (C20)	12.515	2980876	21.386 ug/ml
11) T n-Heneicosane (C21)	13.127	2903591	21.317 ug/ml
13) T n-Docosane (C22)	13.713	2886248	21.488 ug/ml
14) T n-Tetracosane (C24)	14.816	2839816	21.350 ug/ml
15) T n-Hexacosane (C26)	15.835	2770202	21.290 ug/ml
16) T n-Octacosane (C28)	16.785	2703653	21.431 ug/ml
17) T n-Tricontane (C30)	17.672	2733354	21.256 ug/ml
18) T n-Dotriacontane (C32)	18.503	2660469	21.133 ug/ml
19) T n-Tetratriacontane (C34)	19.287	2541031	20.539 ug/ml
20) T n-Hexatriacontane (C36)	20.028	2378217	20.445 ug/ml
21) T n-Octatriacontane (C38)	20.756	2319569	20.877 ug/ml
22) T n-Tetracontane (C40)	21.652	2252222	20.717 ug/ml

(f)=RT Delta > 1/2 Window

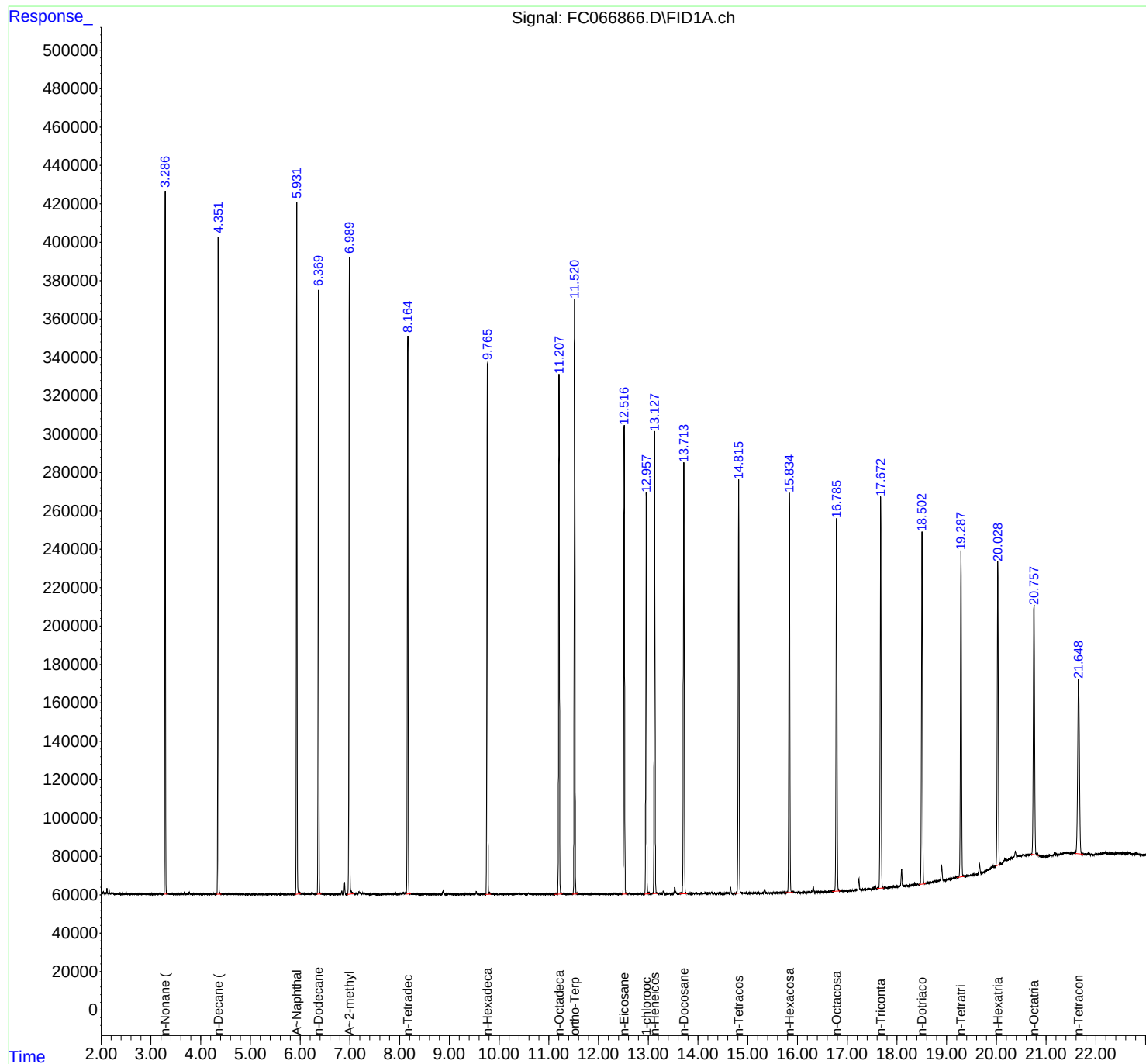
(m)=manual int.

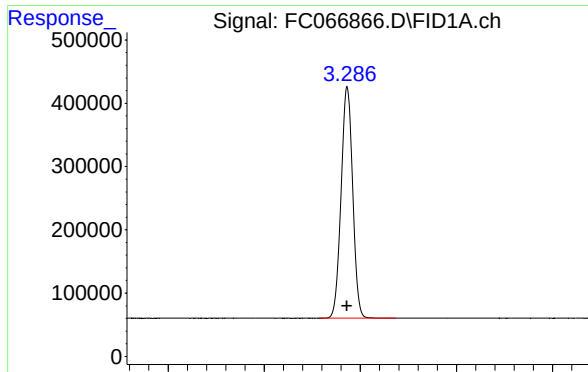
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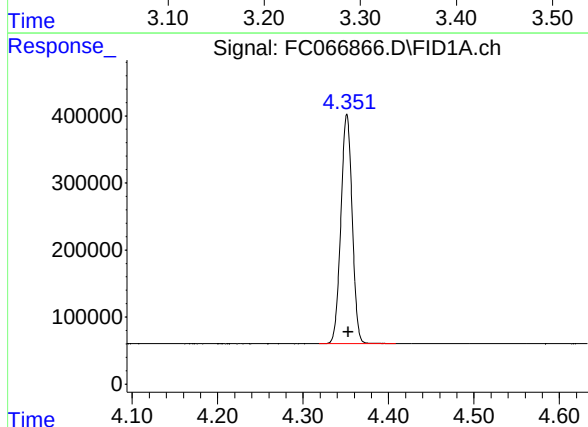




#1 n-Nonane (C9)

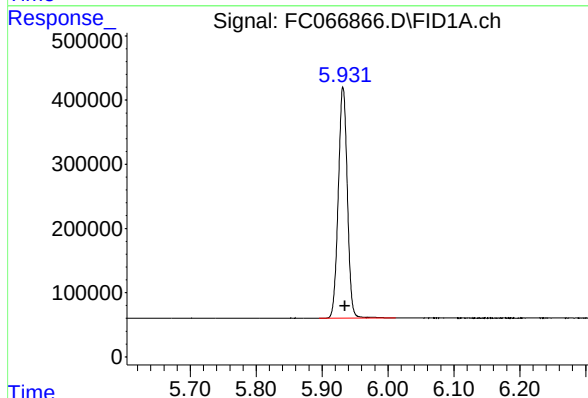
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 3067650
Conc: 21.62 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



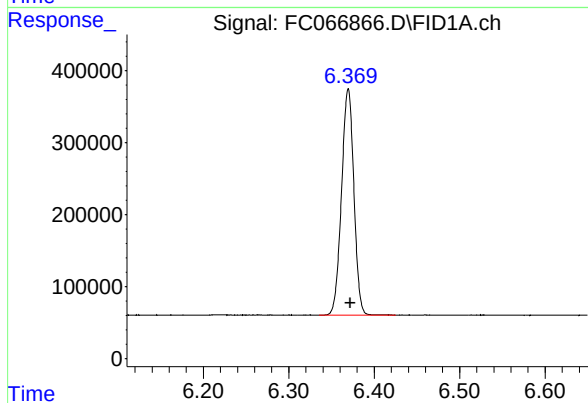
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: -0.001 min
Response: 3143730
Conc: 21.27 ug/ml



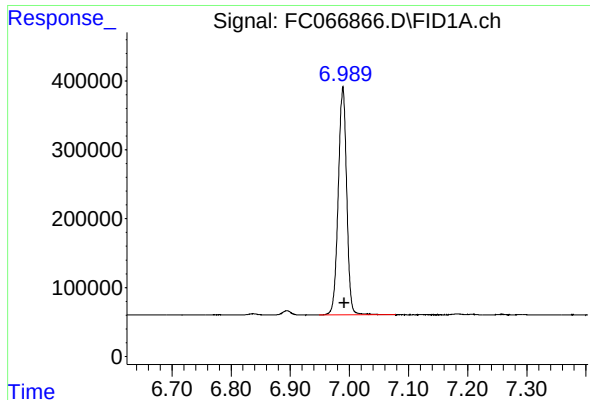
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 3426574
Conc: 21.46 ug/ml



#4 n-Dodecane (C12)

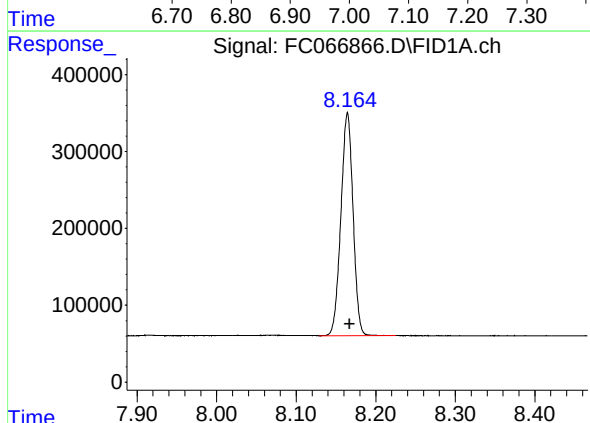
R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 3149976
Conc: 21.01 ug/ml



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

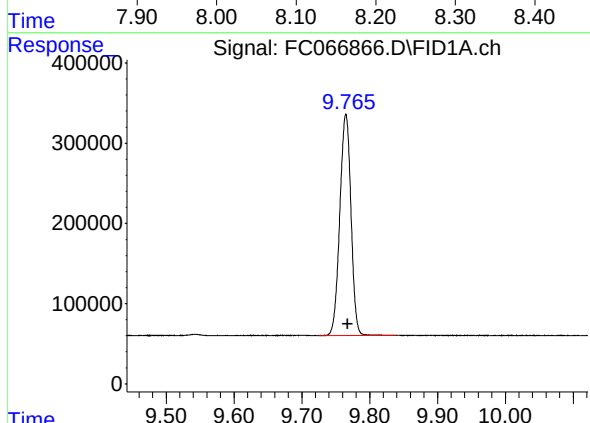
R.T.: 6.989 min
Delta R.T.: -0.002 min
Response: 3288472
Conc: 21.45 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



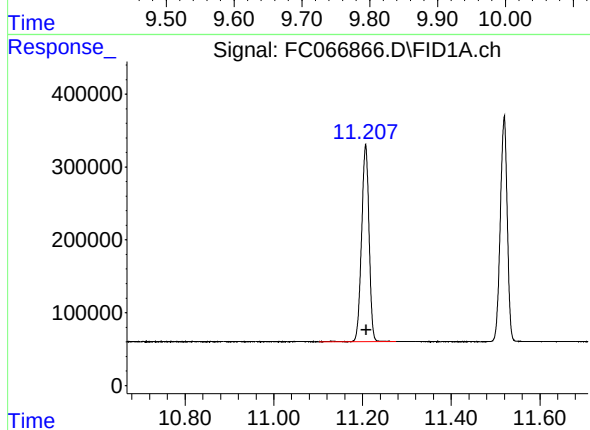
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.003 min
Response: 3080382
Conc: 21.05 ug/ml



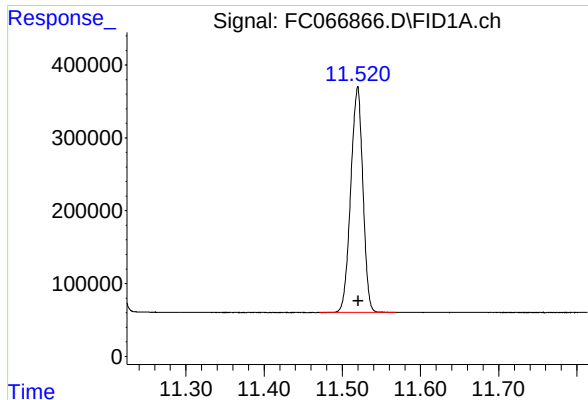
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.003 min
Response: 3158904
Conc: 21.11 ug/ml



#8 n-Octadecane (C18)

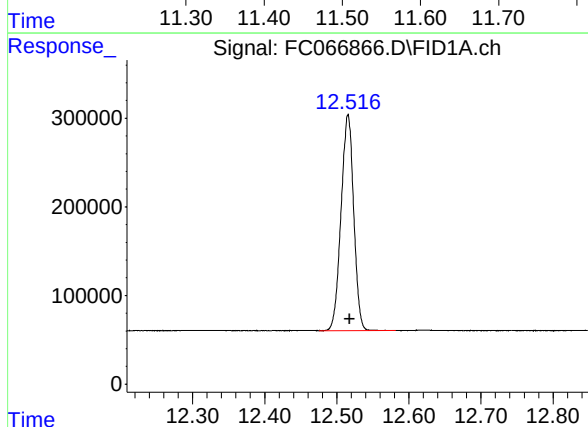
R.T.: 11.207 min
Delta R.T.: -0.002 min
Response: 3143262
Conc: 21.18 ug/ml



#9 ortho-Terphenyl (SURR)

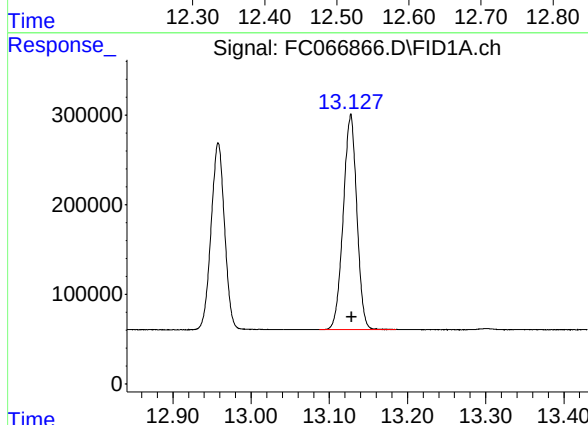
R.T.: 11.519 min
Delta R.T.: -0.001 min
Response: 3340593
Conc: 21.70 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



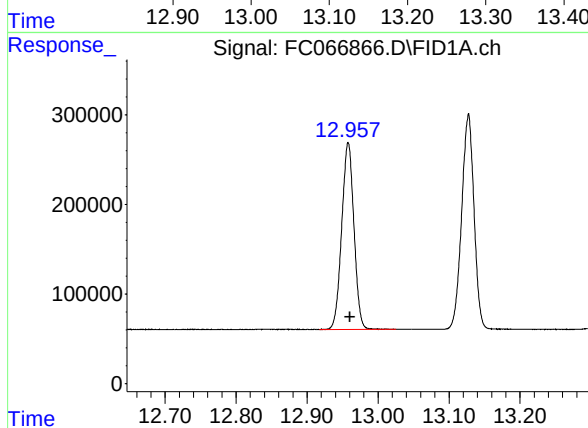
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.002 min
Response: 2980876
Conc: 21.39 ug/ml



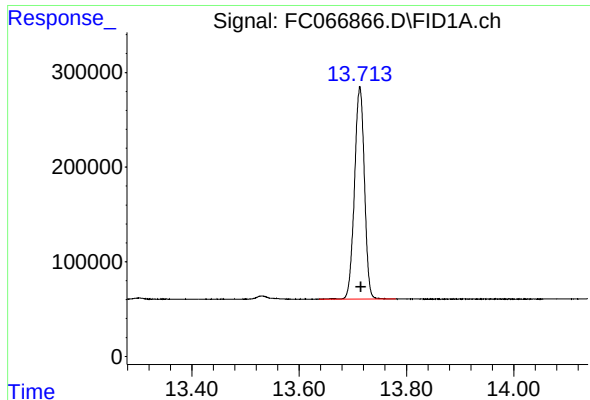
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: -0.001 min
Response: 2903591
Conc: 21.32 ug/ml



#12 1-chlorooctadecane (SURR)

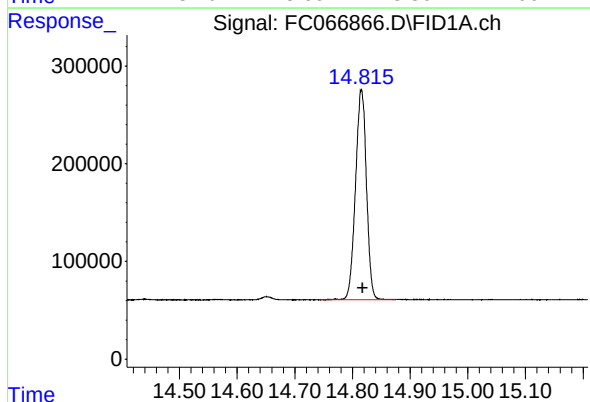
R.T.: 12.958 min
Delta R.T.: -0.003 min
Response: 2495621
Conc: 22.32 ug/ml



#13 n-Docosane (C22)

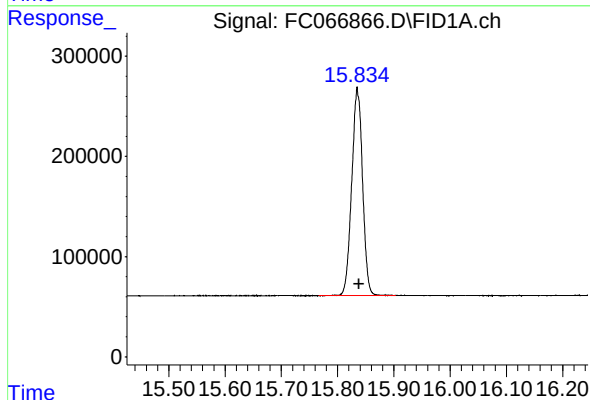
R.T.: 13.713 min
Delta R.T.: -0.002 min
Response: 2886248
Conc: 21.49 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



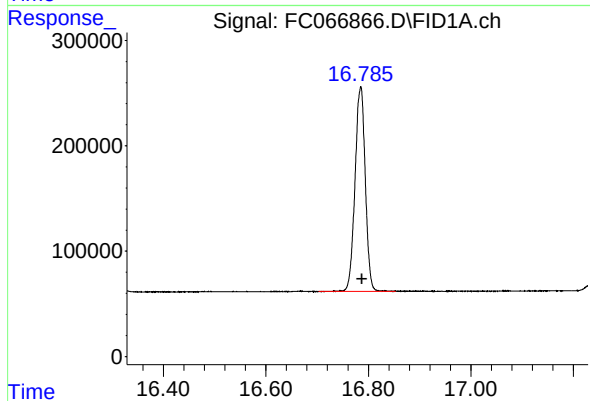
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: -0.002 min
Response: 2839816
Conc: 21.35 ug/ml



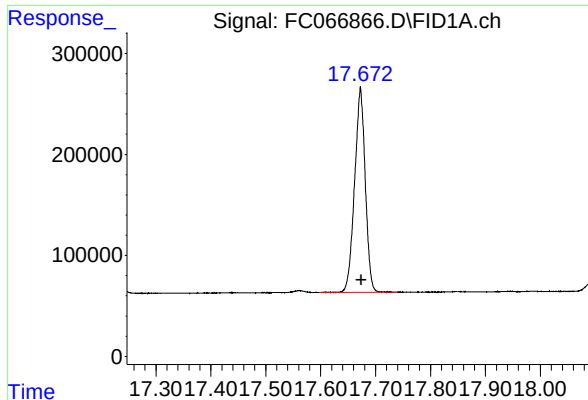
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.003 min
Response: 2770202
Conc: 21.29 ug/ml



#16 n-Octacosane (C28)

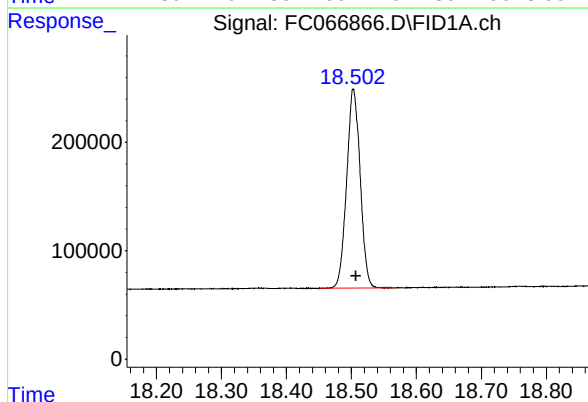
R.T.: 16.785 min
Delta R.T.: -0.003 min
Response: 2703653
Conc: 21.43 ug/ml



#17 n-Tricontane (C30)

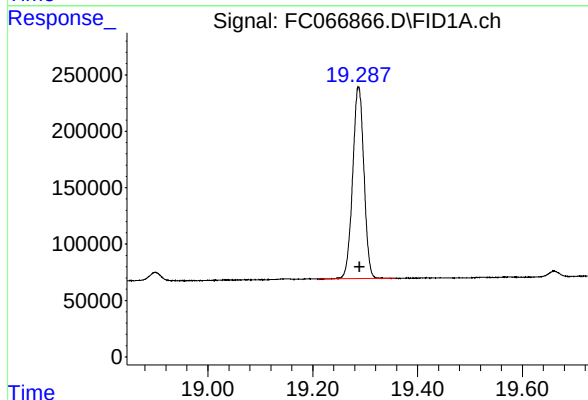
R.T.: 17.672 min
Delta R.T.: -0.002 min
Response: 2733354
Conc: 21.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



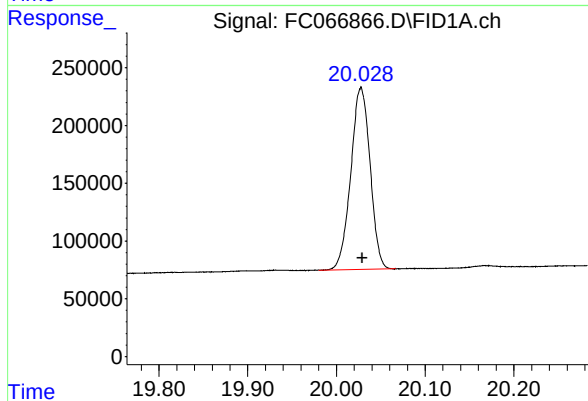
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: -0.004 min
Response: 2660469
Conc: 21.13 ug/ml



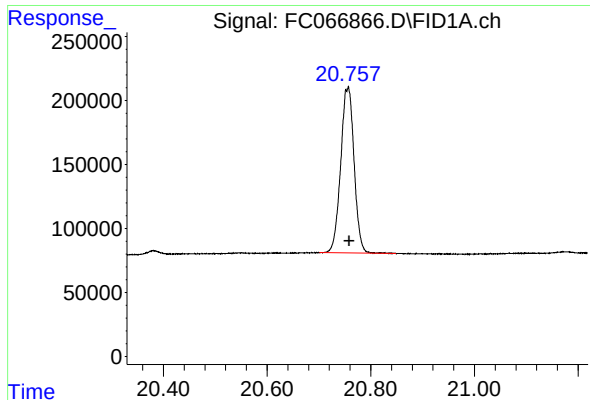
#19 n-Tetratriacontane (C34)

R.T.: 19.287 min
Delta R.T.: -0.002 min
Response: 2541031
Conc: 20.54 ug/ml



#20 n-Hexatriacontane (C36)

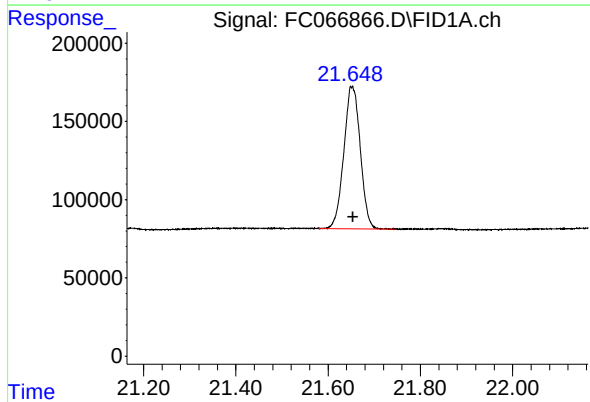
R.T.: 20.028 min
Delta R.T.: -0.002 min
Response: 2378217
Conc: 20.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: -0.003 min
Response: 2319569
Conc: 20.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.652 min
Delta R.T.: -0.002 min
Response: 2252222
Conc: 20.72 ug/ml