

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060523AL\
 Data File : FC063734.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2023 15:00
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 06 02:34:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.533	3538018	19.388 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
12) S 1-chlorooctadecane (S...	12.967	2539548	19.876 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T n-Nonane (C9)	3.313	3131388	19.647 ug/ml
2) T n-Decane (C10)	4.376	3180083	19.673 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3422226	19.699 ug/ml
4) T n-Dodecane (C12)	6.390	3183399	19.469 ug/ml
5) T A~2-methylnaphthalene...	7.013	3264756	19.929 ug/ml
6) T n-Tetradecane (C14)	8.183	3073517	19.543 ug/ml
7) T n-Hexadecane (C16)	9.780	3049532	19.162 ug/ml
8) T n-Octadecane (C18)	11.218	3061794	19.351 ug/ml
10) T n-Eicosane (C20)	12.525	2907997	19.663 ug/ml
11) T n-Heneicosane (C21)	13.135	2840452	19.733 ug/ml
13) T n-Docosane (C22)	13.719	2787913	19.790 ug/ml
14) T n-Tetracosane (C24)	14.819	2746435	20.015 ug/ml
15) T n-Hexacosane (C26)	15.836	2659280	20.056 ug/ml
16) T n-Octacosane (C28)	16.783	2594752	20.435 ug/ml
17) T n-Tricontane (C30)	17.666	2656603	20.793 ug/ml
18) T n-Dotriacontane (C32)	18.497	2625436	21.099 ug/ml
19) T n-Tetratriacontane (C34)	19.278	2558842	20.753 ug/ml
20) T n-Hexatriacontane (C36)	20.015	2471445	20.591 ug/ml
21) T n-Octatriacontane (C38)	20.740	2482344	20.561 ug/ml
22) T n-Tetracontane (C40)	21.631	2467826	20.367 ug/ml

(f)=RT Delta > 1/2 Window

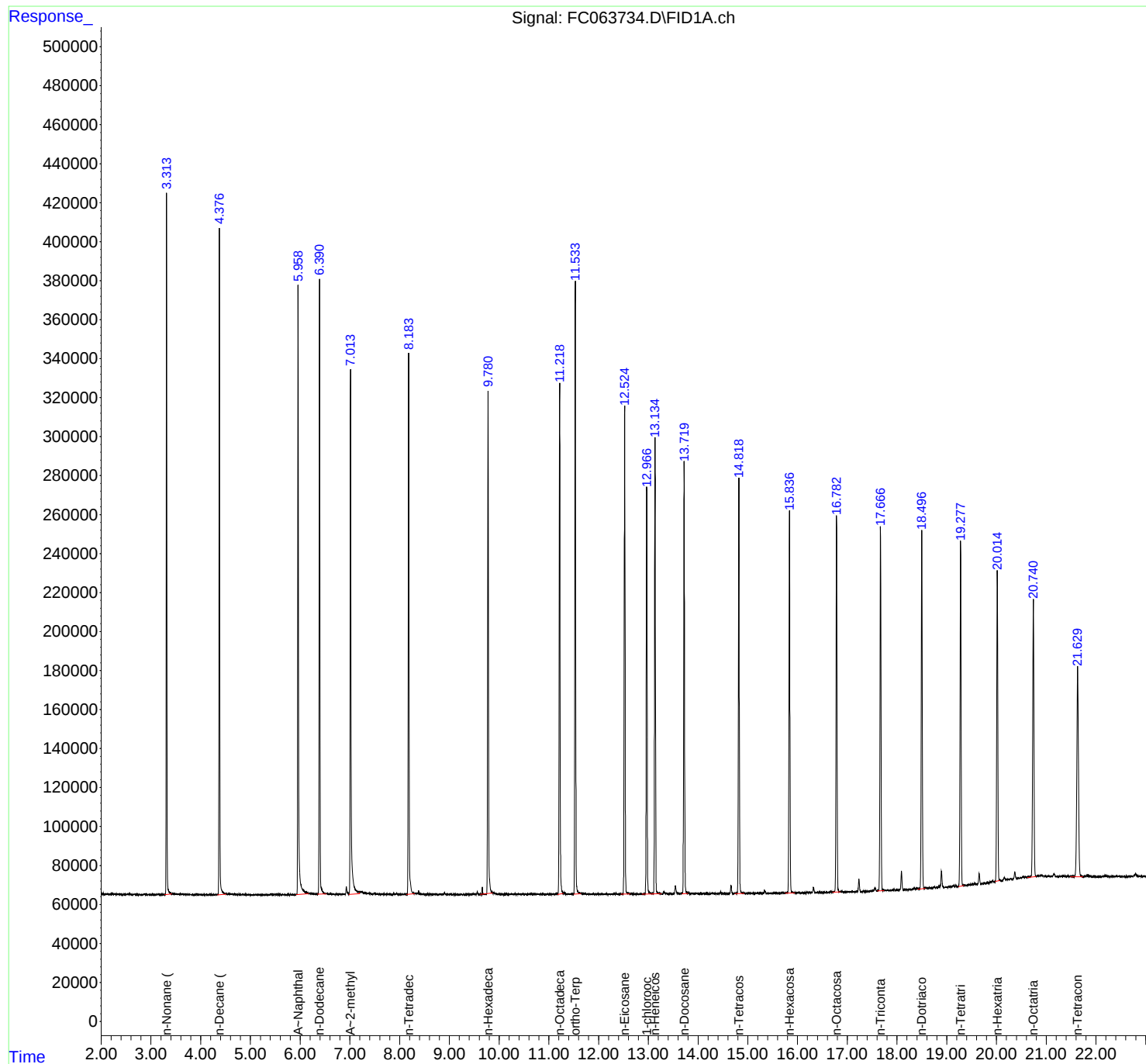
(m)=manual int.

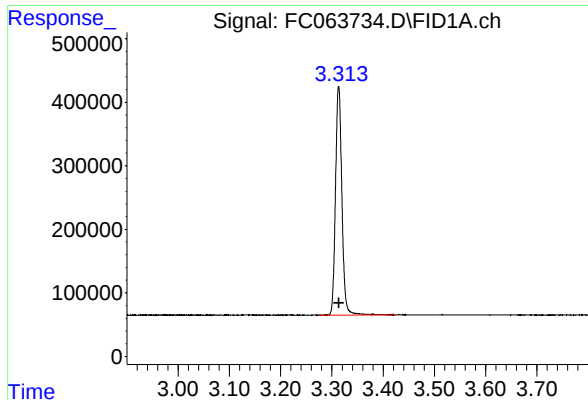
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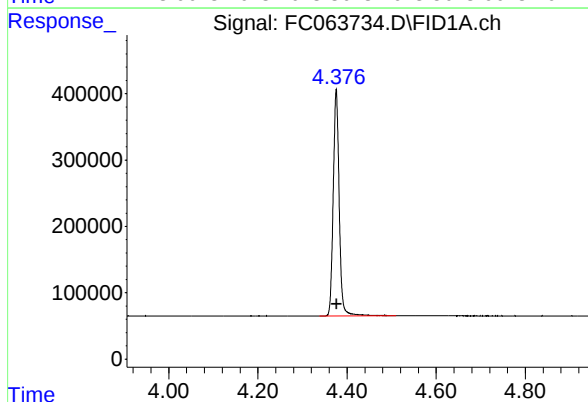




#1 n-Nonane (C9)

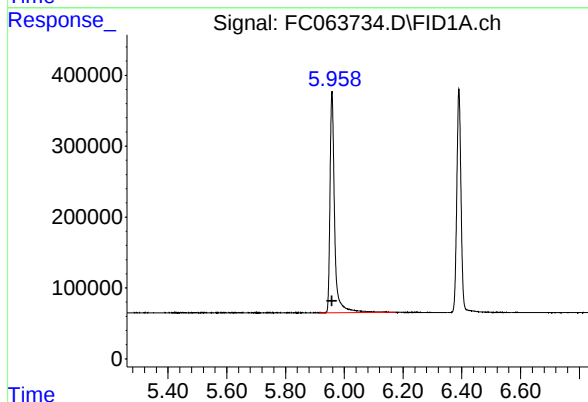
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 3131388
Conc: 19.65 ug/ml

Instrument :
FID_C
ClientSampleId :



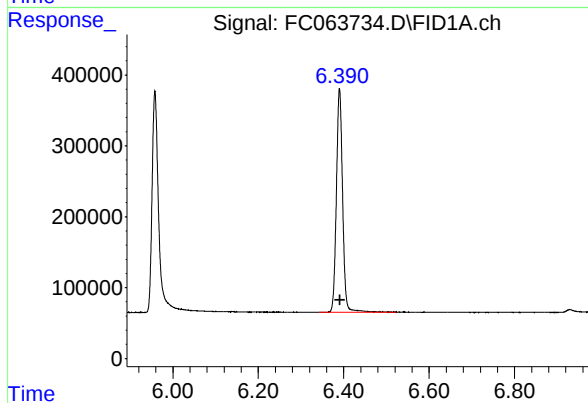
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 3180083
Conc: 19.67 ug/ml



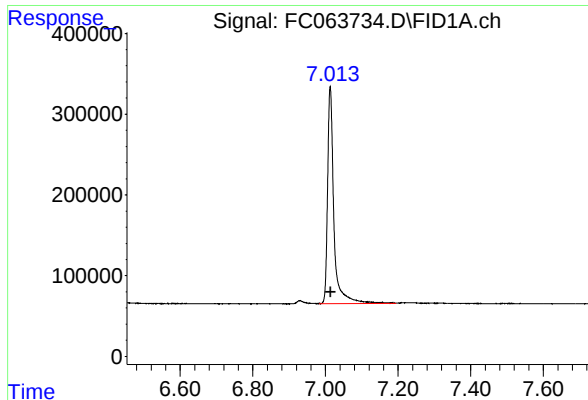
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 3422226
Conc: 19.70 ug/ml



#4 n-Dodecane (C12)

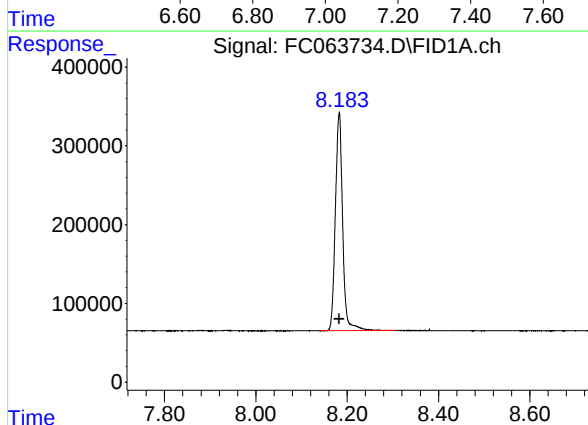
R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 3183399
Conc: 19.47 ug/ml



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

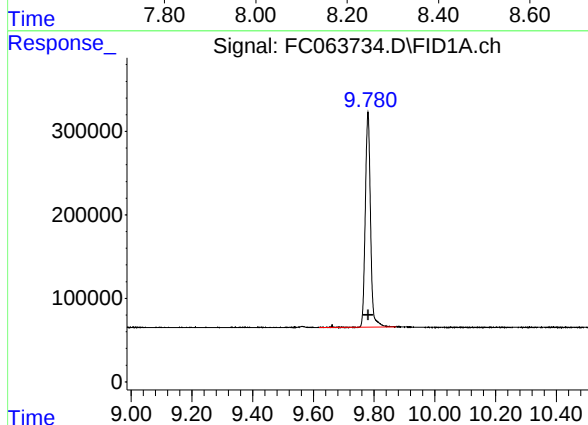
R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 3264756
Conc: 19.93 ug/ml

Instrument :
FID_C
ClientSampleId :



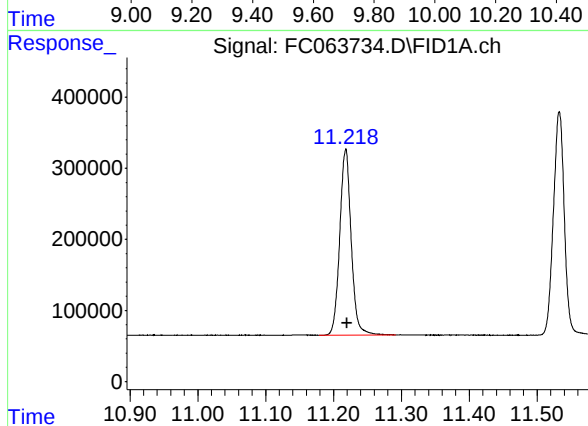
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 3073517
Conc: 19.54 ug/ml



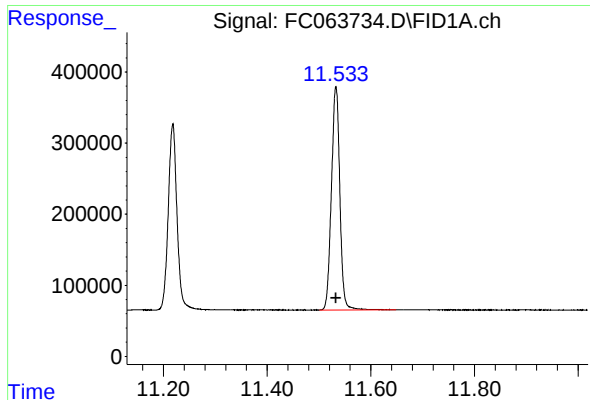
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 3049532
Conc: 19.16 ug/ml



#8 n-Octadecane (C18)

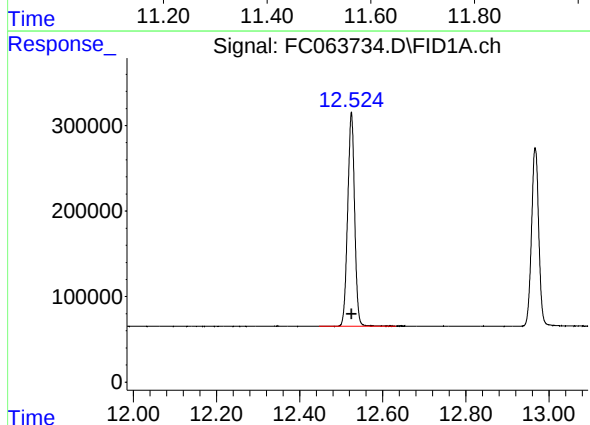
R.T.: 11.218 min
Delta R.T.: -0.002 min
Response: 3061794
Conc: 19.35 ug/ml



#9 ortho-Terphenyl (SURR)

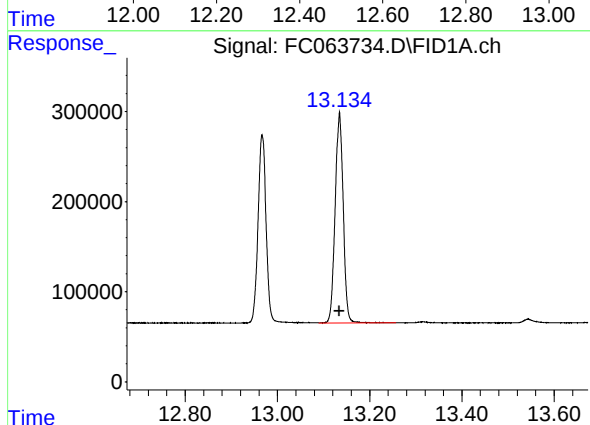
R.T.: 11.533 min
Delta R.T.: 0.000 min
Response: 3538018
Conc: 19.39 ug/ml

Instrument :
FID_C
ClientSampleId :



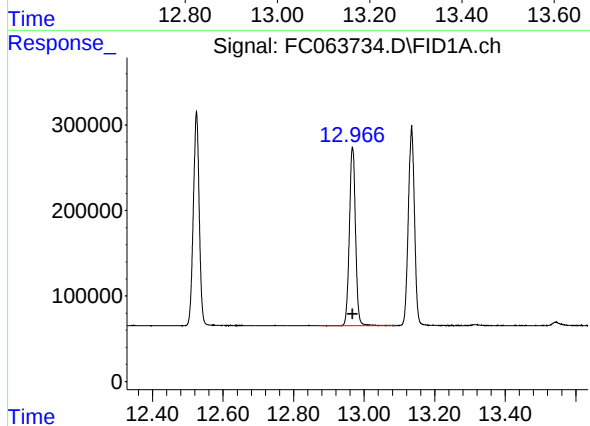
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.000 min
Response: 2907997
Conc: 19.66 ug/ml



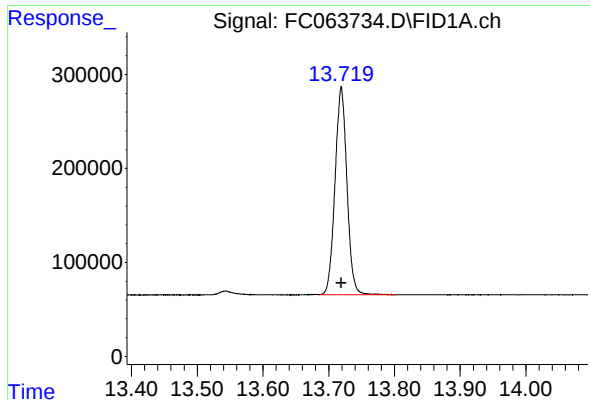
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.000 min
Response: 2840452
Conc: 19.73 ug/ml



#12 1-chlorooctadecane (SURR)

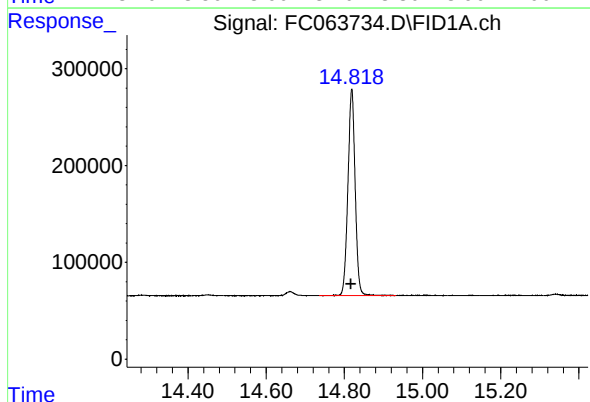
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 2539548
Conc: 19.88 ug/ml



#13 n-Docosane (C22)

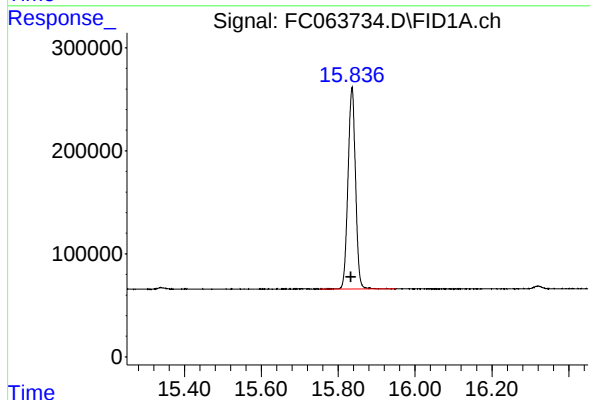
R.T.: 13.719 min
Delta R.T.: 0.000 min
Response: 2787913
Conc: 19.79 ug/ml

Instrument :
FID_C
ClientSampleId :



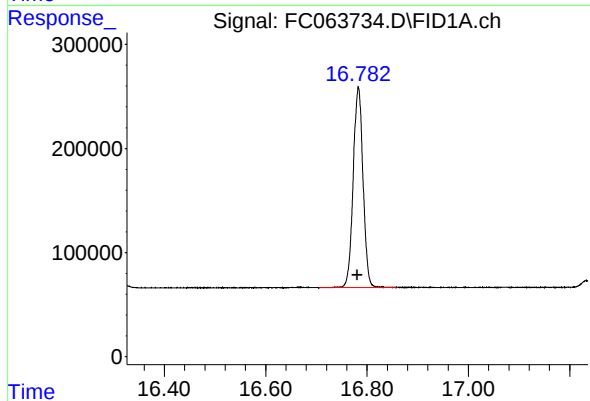
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.001 min
Response: 2746435
Conc: 20.01 ug/ml



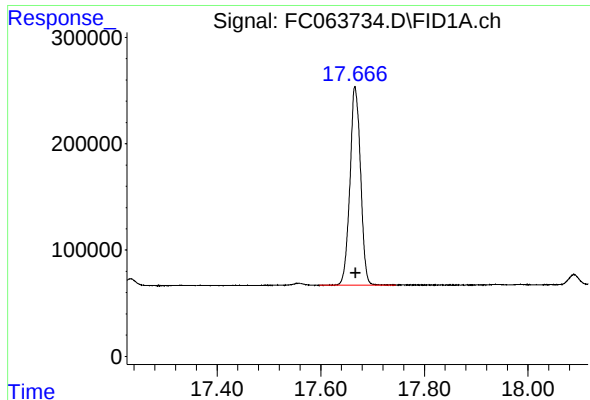
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: 0.002 min
Response: 2659280
Conc: 20.06 ug/ml



#16 n-Octacosane (C28)

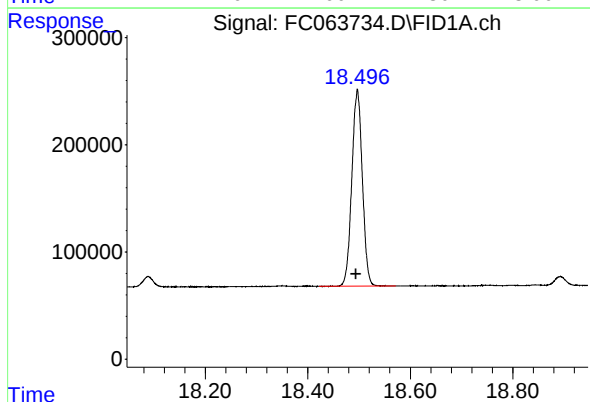
R.T.: 16.783 min
Delta R.T.: 0.002 min
Response: 2594752
Conc: 20.43 ug/ml



#17 n-Tricontane (C30)

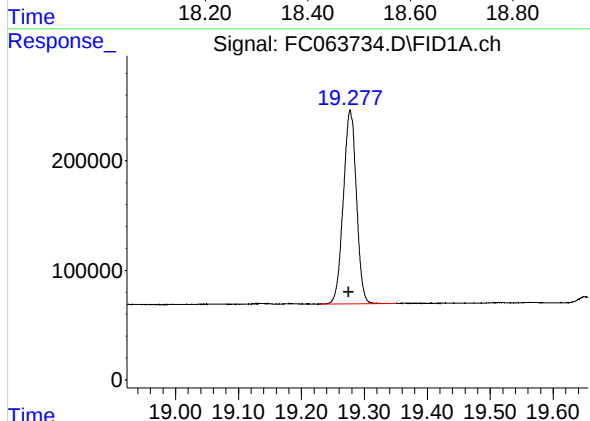
R.T.: 17.666 min
Delta R.T.: 0.000 min
Response: 2656603
Conc: 20.79 ug/ml

Instrument :
FID_C
ClientSampleId :



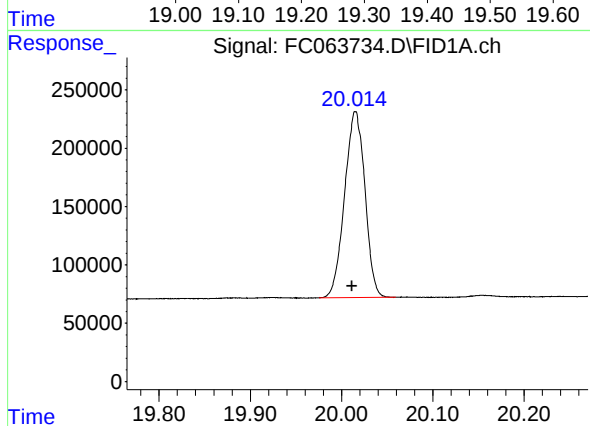
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: 0.003 min
Response: 2625436
Conc: 21.10 ug/ml



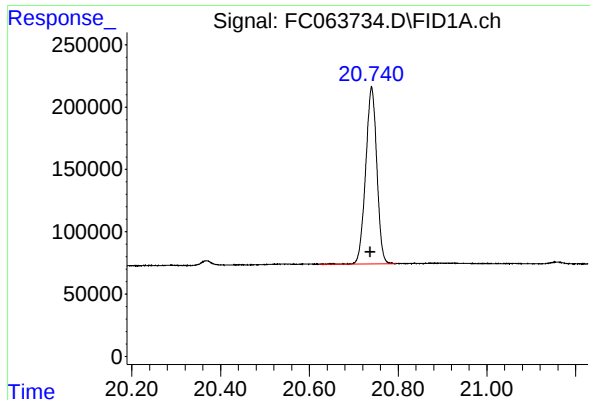
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min
Delta R.T.: 0.002 min
Response: 2558842
Conc: 20.75 ug/ml



#20 n-Hexatriacontane (C36)

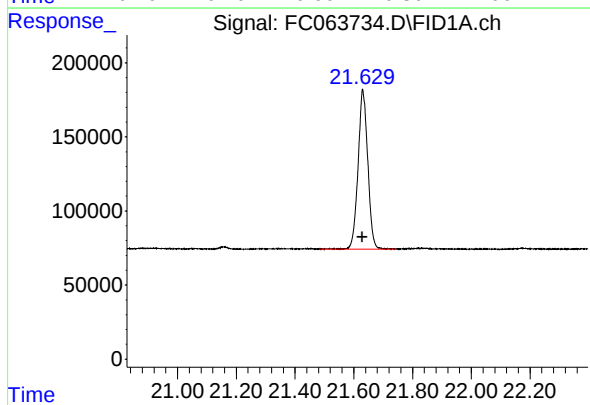
R.T.: 20.015 min
Delta R.T.: 0.004 min
Response: 2471445
Conc: 20.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.740 min
Delta R.T.: 0.003 min
Response: 2482344
Conc: 20.56 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.631 min
Delta R.T.: 0.001 min
Response: 2467826
Conc: 20.37 ug/ml