

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061323AL\
 Data File : FC063840.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2023 22:29
 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 14 01:01:46 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)	11.528	3349311	18.354 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
12) S 1-chlorooctadecane (S...	12.963	2414036	18.893 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
Target Compounds			
1) T n-Nonane (C9)	3.308	3056560	19.177 ug/ml
2) T n-Decane (C10)	4.370	3115244	19.272 ug/ml
3) T A~Naphthalene (C11.7)	5.952	3230351	18.594 ug/ml
4) T n-Dodecane (C12)	6.385	3080928	18.842 ug/ml
5) T A~2-methylnaphthalene...	7.008	3057970	18.666 ug/ml
6) T n-Tetradecane (C14)	8.178	2974817	18.915 ug/ml
7) T n-Hexadecane (C16)	9.776	2994951	18.820 ug/ml
8) T n-Octadecane (C18)	11.216	2973285	18.791 ug/ml
10) T n-Eicosane (C20)	12.521	2802642	18.951 ug/ml
11) T n-Heneicosane (C21)	13.131	2723788	18.923 ug/ml
13) T n-Docosane (C22)	13.717	2706141	19.210 ug/ml
14) T n-Tetracosane (C24)	14.814	2654855	19.347 ug/ml
15) T n-Hexacosane (C26)	15.833	2600365	19.612 ug/ml
16) T n-Octacosane (C28)	16.781	2605246	20.517 ug/ml
17) T n-Tricontane (C30)	17.667	2763998	21.634 ug/ml
18) T n-Dotriacontane (C32)	18.496	2806340	22.553 ug/ml
19) T n-Tetratriacontane (C34)	19.278	2703462	21.926 ug/ml
20) T n-Hexatriacontane (C36)	20.014	2582818	21.519 ug/ml
21) T n-Octatriacontane (C38)	20.742	2540370	21.041 ug/ml
22) T n-Tetracontane (C40)	21.632	2494674	20.588 ug/ml

(f)=RT Delta > 1/2 Window

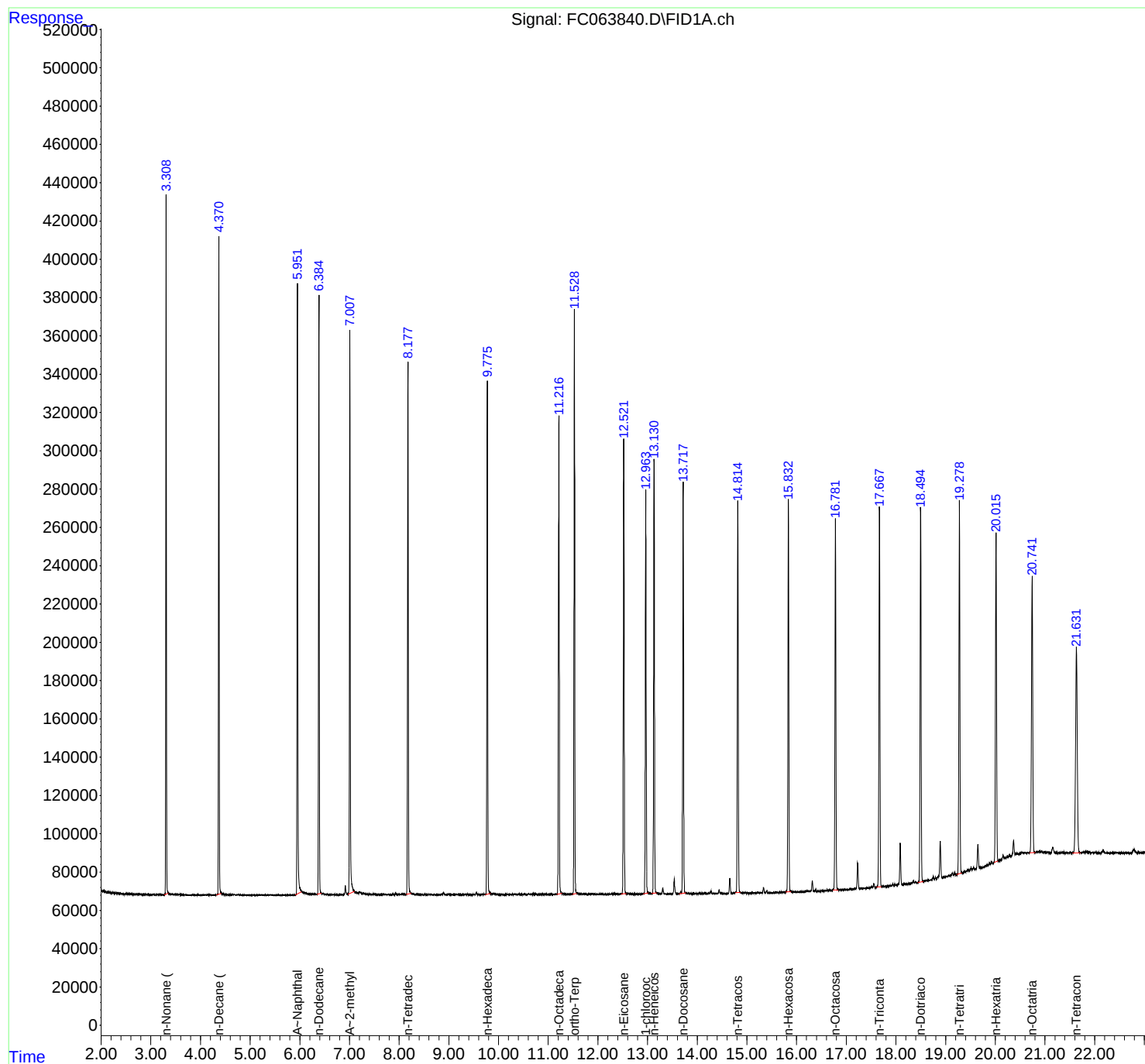
(m)=manual int.

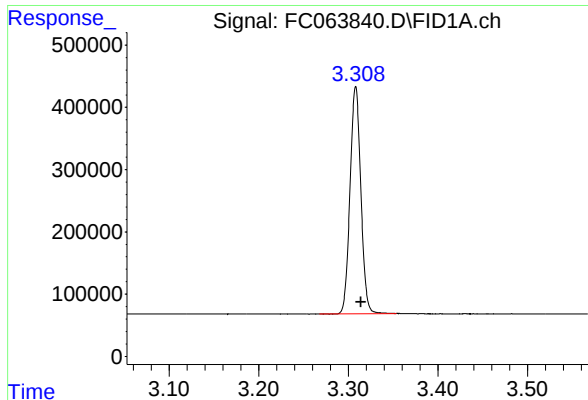
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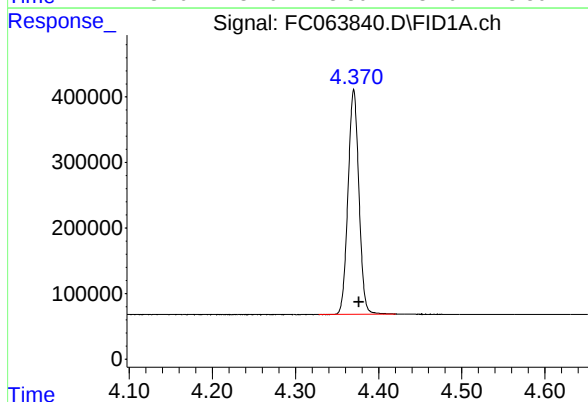




#1 n-Nonane (C9)

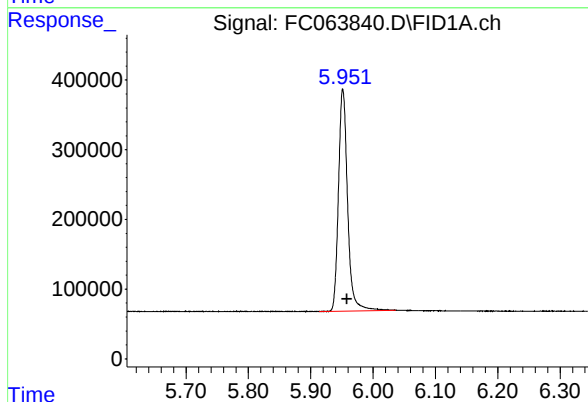
R.T.: 3.308 min
Delta R.T.: -0.006 min
Response: 3056560
Conc: 19.18 ug/ml

Instrument :
FID_C
ClientSampleId :



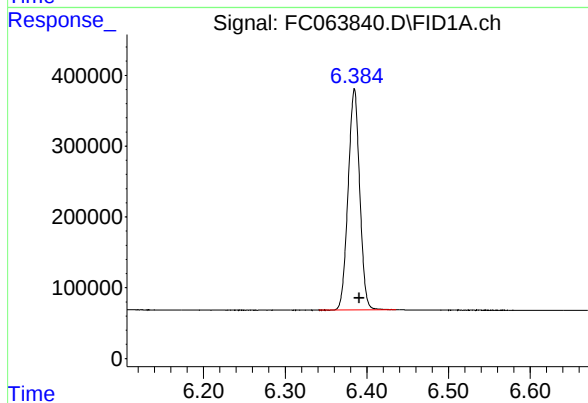
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: -0.006 min
Response: 3115244
Conc: 19.27 ug/ml



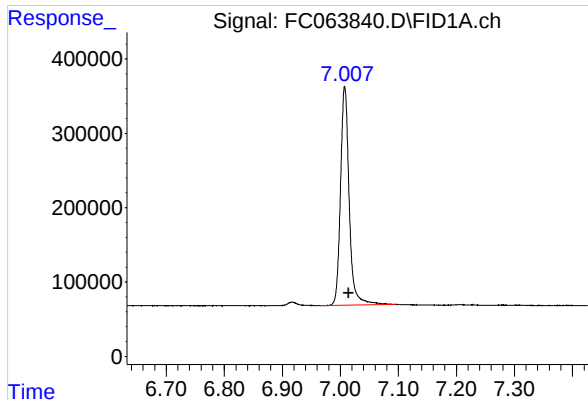
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 3230351
Conc: 18.59 ug/ml



#4 n-Dodecane (C12)

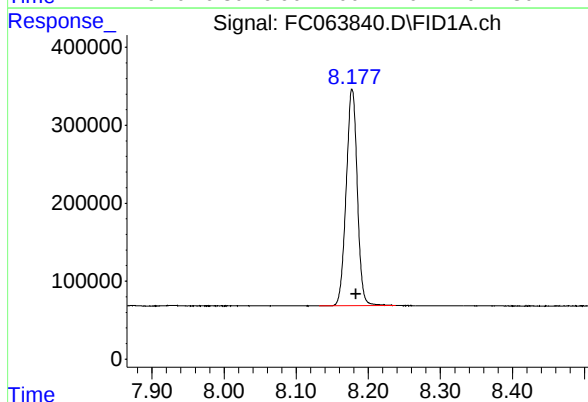
R.T.: 6.385 min
Delta R.T.: -0.006 min
Response: 3080928
Conc: 18.84 ug/ml



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

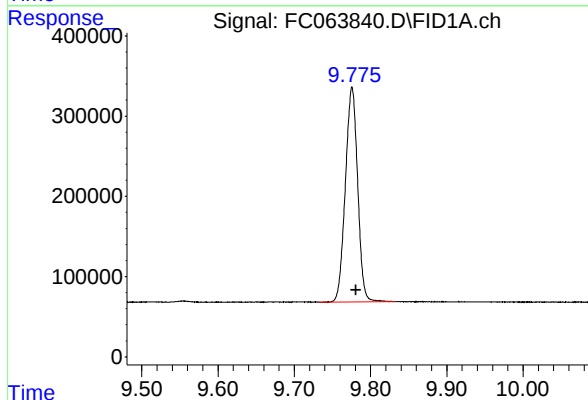
R.T.: 7.008 min
Delta R.T.: -0.007 min
Response: 3057970
Conc: 18.67 ug/ml

Instrument :
FID_C
ClientSampleId :



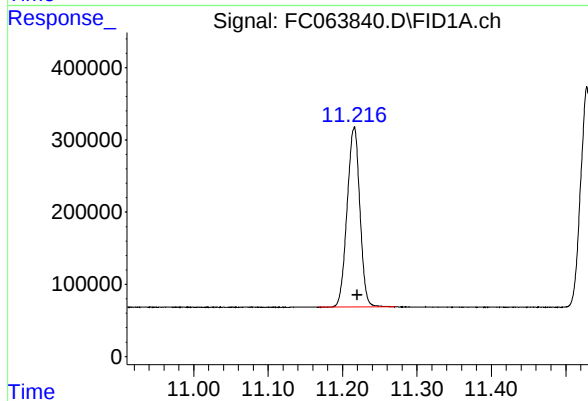
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.005 min
Response: 2974817
Conc: 18.92 ug/ml



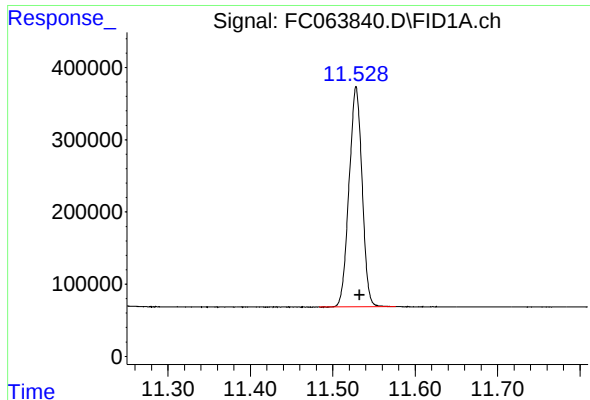
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.005 min
Response: 2994951
Conc: 18.82 ug/ml



#8 n-Octadecane (C18)

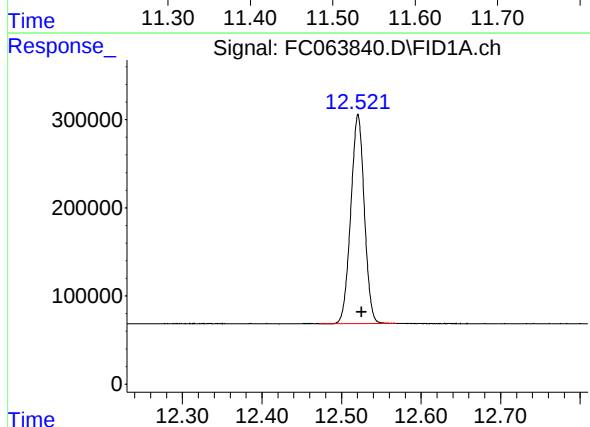
R.T.: 11.216 min
Delta R.T.: -0.004 min
Response: 2973285
Conc: 18.79 ug/ml



#9 ortho-Terphenyl (SURR)

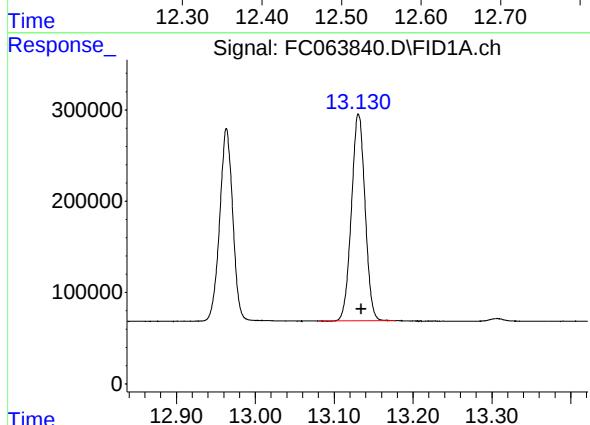
R.T.: 11.528 min
Delta R.T.: -0.004 min
Response: 3349311
Conc: 18.35 ug/ml

Instrument :
FID_C
ClientSampleId :



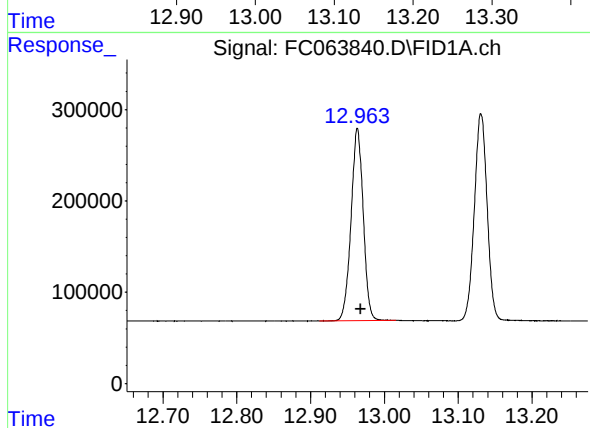
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.004 min
Response: 2802642
Conc: 18.95 ug/ml



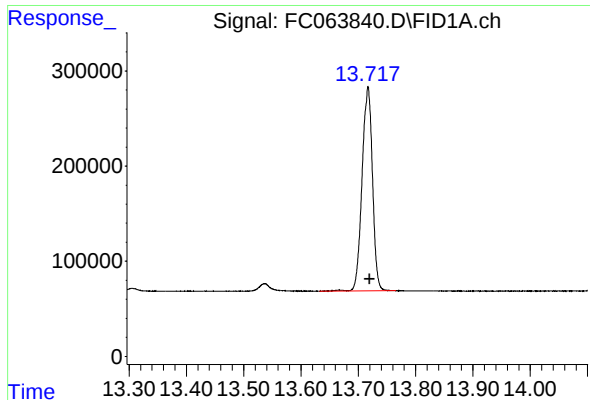
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.003 min
Response: 2723788
Conc: 18.92 ug/ml



#12 1-chlorooctadecane (SURR)

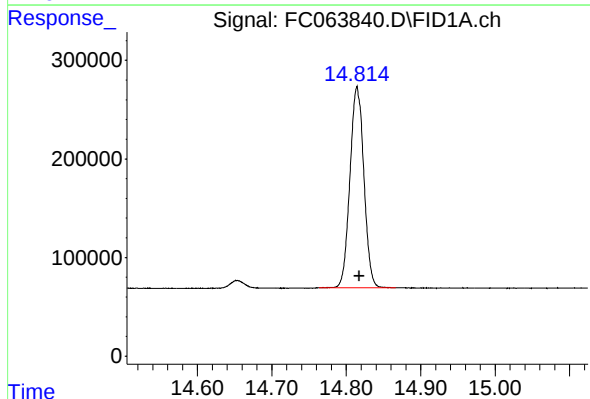
R.T.: 12.963 min
Delta R.T.: -0.004 min
Response: 2414036
Conc: 18.89 ug/ml



#13 n-Docosane (C22)

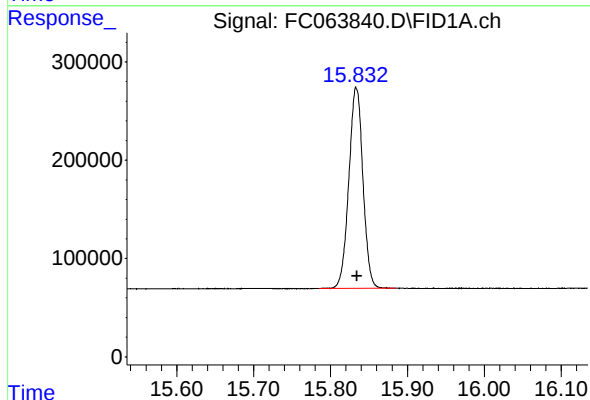
R.T.: 13.717 min
Delta R.T.: -0.003 min
Response: 2706141
Conc: 19.21 ug/ml

Instrument :
FID_C
ClientSampleId :



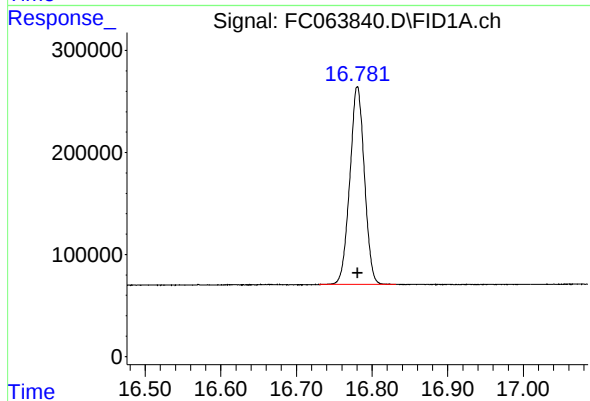
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: -0.003 min
Response: 2654855
Conc: 19.35 ug/ml



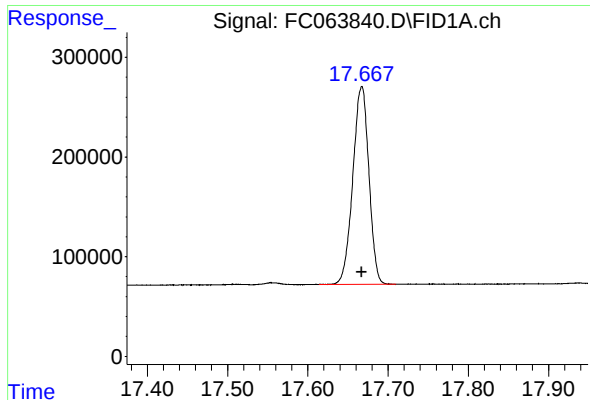
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: 0.000 min
Response: 2600365
Conc: 19.61 ug/ml



#16 n-Octacosane (C28)

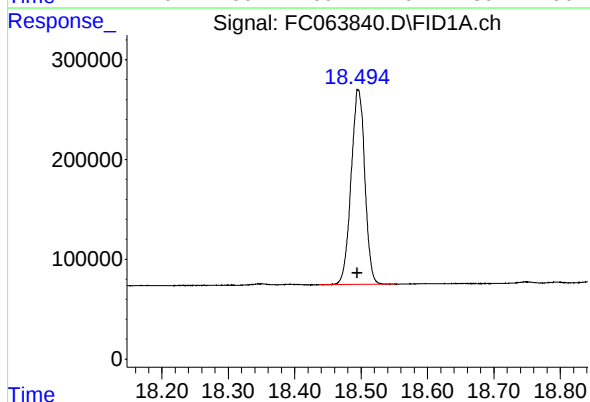
R.T.: 16.781 min
Delta R.T.: 0.000 min
Response: 2605246
Conc: 20.52 ug/ml



#17 n-Tricontane (C30)

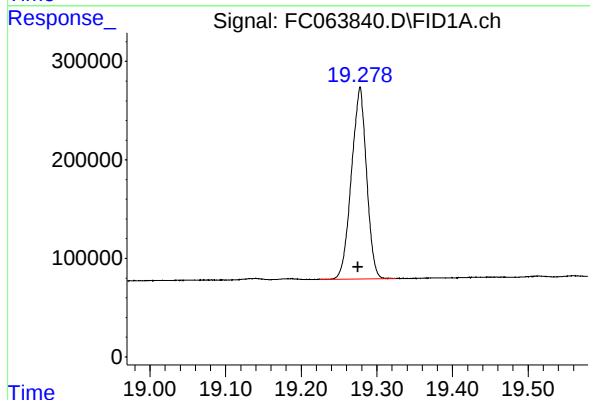
R.T.: 17.667 min
Delta R.T.: 0.000 min
Response: 2763998
Conc: 21.63 ug/ml

Instrument :
FID_C
ClientSampleId :



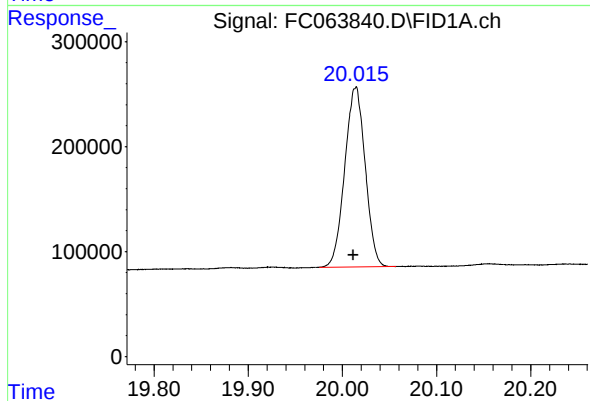
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: 0.002 min
Response: 2806340
Conc: 22.55 ug/ml



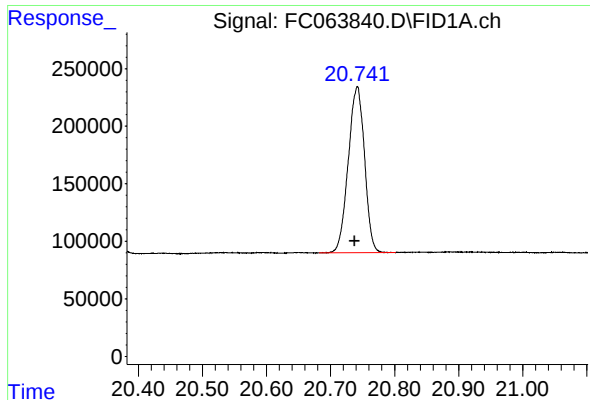
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min
Delta R.T.: 0.003 min
Response: 2703462
Conc: 21.93 ug/ml



#20 n-Hexatriacontane (C36)

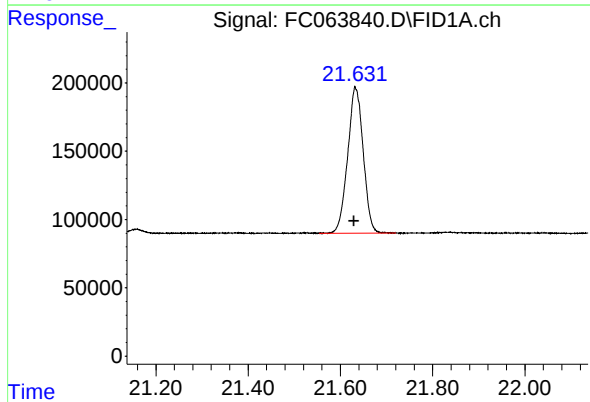
R.T.: 20.014 min
Delta R.T.: 0.003 min
Response: 2582818
Conc: 21.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: 0.004 min
Response: 2540370
Conc: 21.04 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.632 min
Delta R.T.: 0.003 min
Response: 2494674
Conc: 20.59 ug/ml