

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103025AL\
 Data File : FC070086.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2025 13:53
 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: Oct 31 05:03:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 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)	11.643	3387659	19.292 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
12) S 1-chlorooctadecane (S...	13.081	2620304	19.304 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
Target Compounds			
1) T n-Nonane (C9)	3.381	2791376	20.328 ug/ml
2) T n-Decane (C10)	4.452	2912542	20.259 ug/ml
3) T A~Naphthalene (C11.7)	6.046	3180855	19.682 ug/ml
4) T n-Dodecane (C12)	6.475	3079714	20.093 ug/ml
5) T A~2-methylnaphthalene...	7.105	3108353	19.482 ug/ml
6) T n-Tetradecane (C14)	8.273	3160680	19.873 ug/ml
7) T n-Hexadecane (C16)	9.877	3299567	19.580 ug/ml
8) T n-Octadecane (C18)	11.320	3326337	19.552 ug/ml
10) T n-Eicosane (C20)	12.633	3116134	19.423 ug/ml
11) T n-Heneicosane (C21)	13.246	3016915	19.430 ug/ml
13) T n-Docosane (C22)	13.832	2944081	19.130 ug/ml
14) T n-Tetracosane (C24)	14.937	2811829	18.544 ug/ml
15) T n-Hexacosane (C26)	15.959	2637224	18.220 ug/ml
16) T n-Octacosane (C28)	16.911	2454426	17.747 ug/ml
17) T n-Tricontane (C30)	17.800	2399735	17.576 ug/ml
18) T n-Dotriacontane (C32)	18.634	2247916	17.435 ug/ml
19) T n-Tetratriacontane (C34)	19.419	2086936	18.290 ug/ml
20) T n-Hexatriacontane (C36)	20.159	1815179	18.769 ug/ml
21) T n-Octatriacontane (C38)	20.919	1735980	19.917 ug/ml
22) T n-Tetracontane (C40)	21.875	1620698	19.725 ug/ml

(f)=RT Delta > 1/2 Window

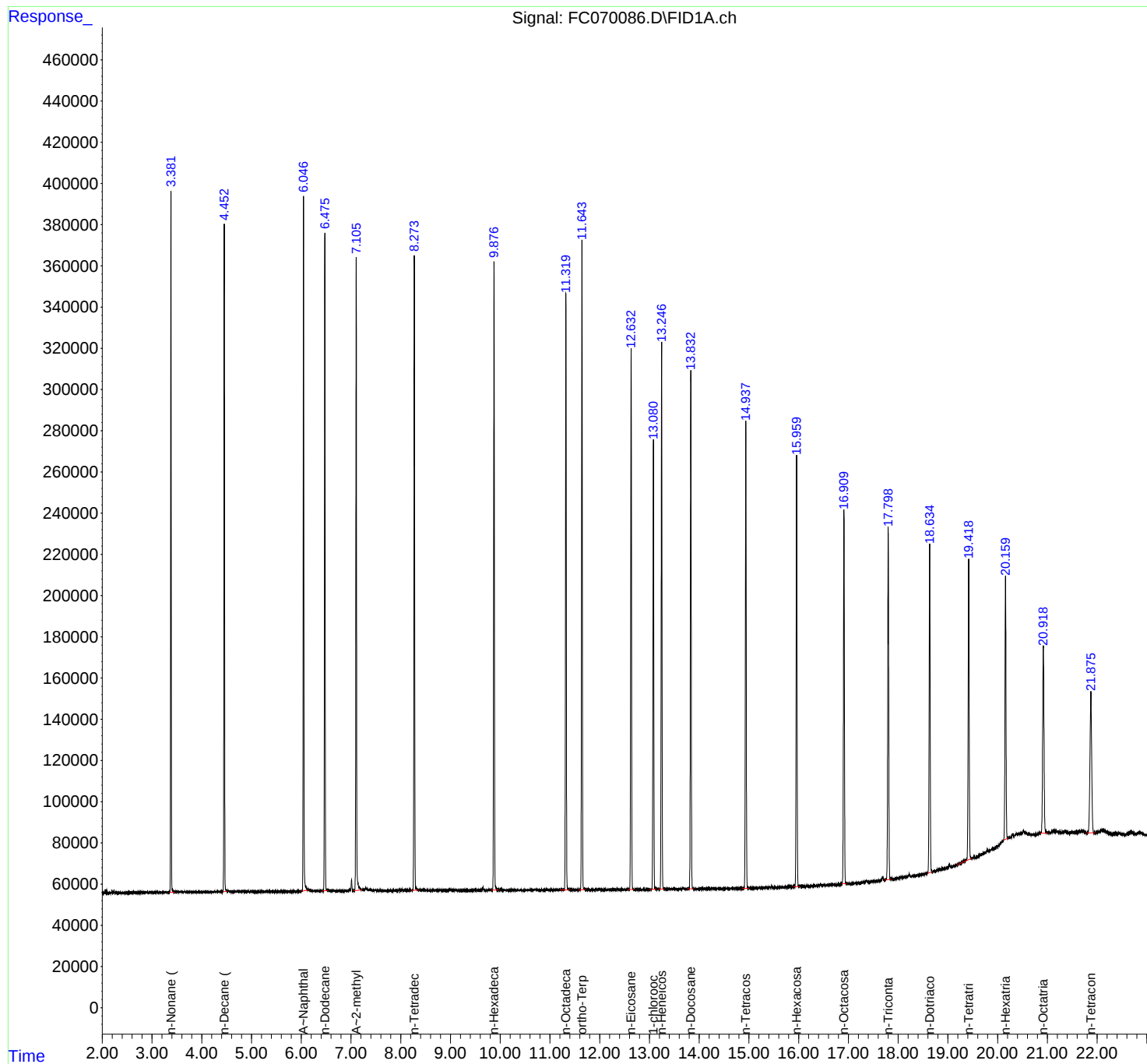
(m)=manual int.

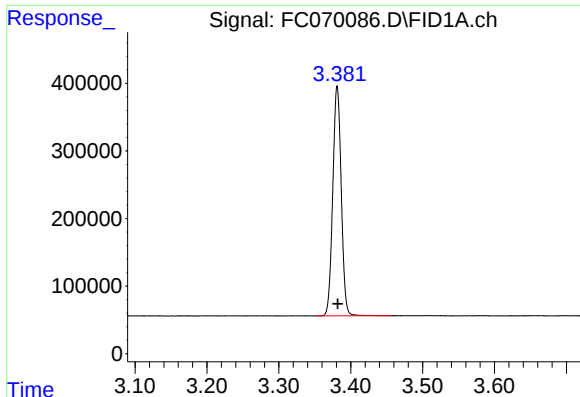
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103025AL\
Data File : FC070086.D
Signal(s) : FID1A.ch
Acq On : 30 Oct 2025 13:53
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Oct 31 05:03:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

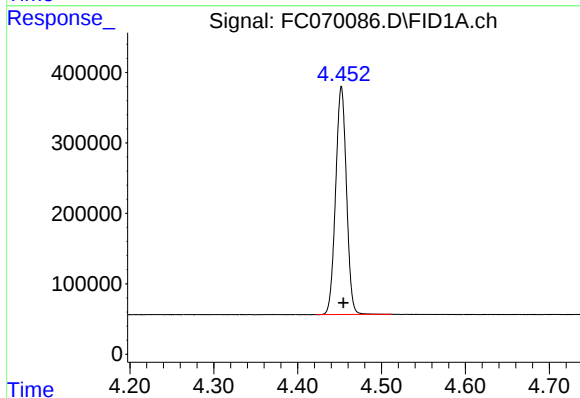




#1 n-Nonane (C9)

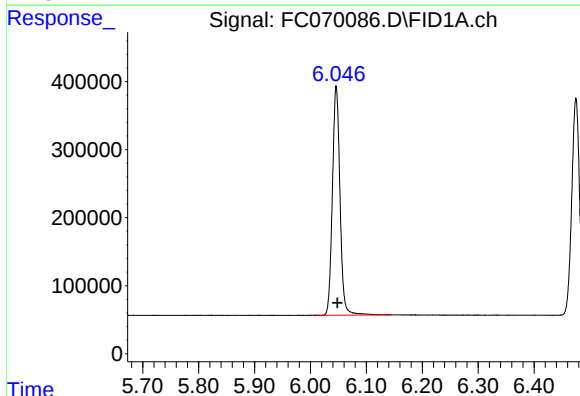
R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 2791376
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



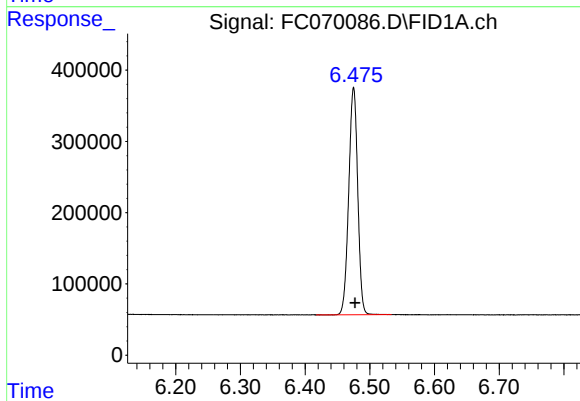
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: -0.002 min
Response: 2912542
Conc: 20.26 ug/ml



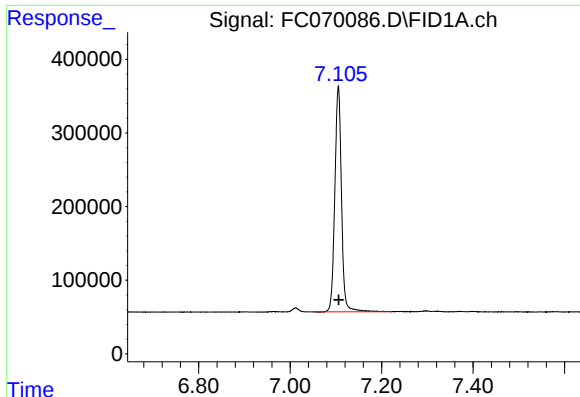
#3 A~Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: -0.002 min
Response: 3180855
Conc: 19.68 ug/ml



#4 n-Dodecane (C12)

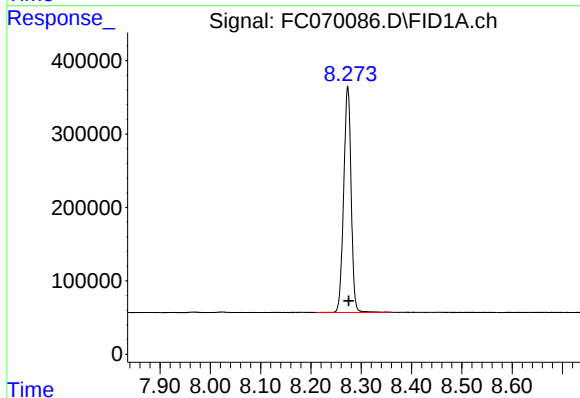
R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 3079714
Conc: 20.09 ug/ml



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

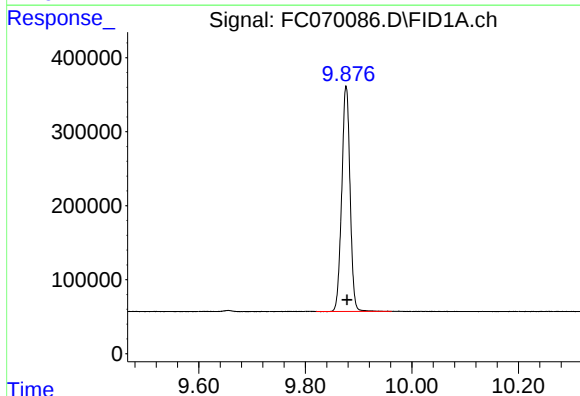
R.T.: 7.105 min
Delta R.T.: -0.001 min
Response: 3108353
Conc: 19.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



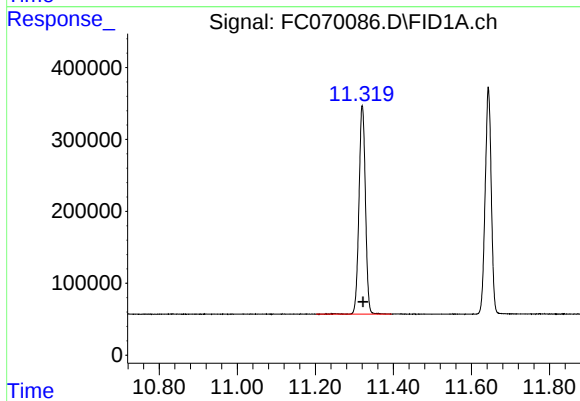
#6 n-Tetradecane (C14)

R.T.: 8.273 min
Delta R.T.: -0.002 min
Response: 3160680
Conc: 19.87 ug/ml



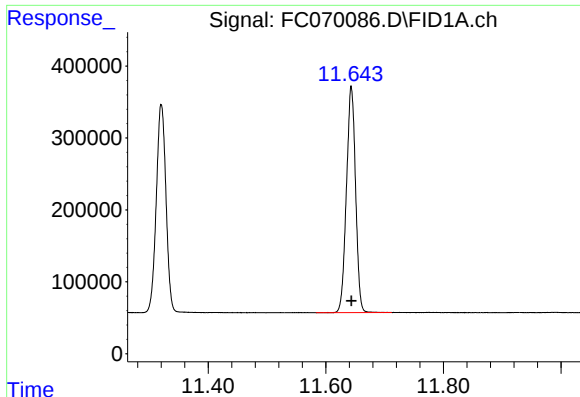
#7 n-Hexadecane (C16)

R.T.: 9.877 min
Delta R.T.: -0.002 min
Response: 3299567
Conc: 19.58 ug/ml



#8 n-Octadecane (C18)

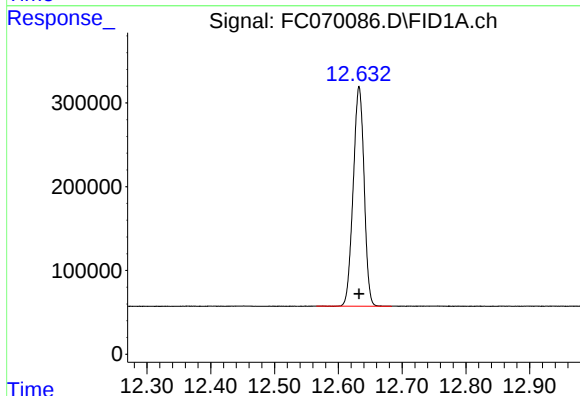
R.T.: 11.320 min
Delta R.T.: -0.002 min
Response: 3326337
Conc: 19.55 ug/ml



#9 ortho-Terphenyl (SURR)

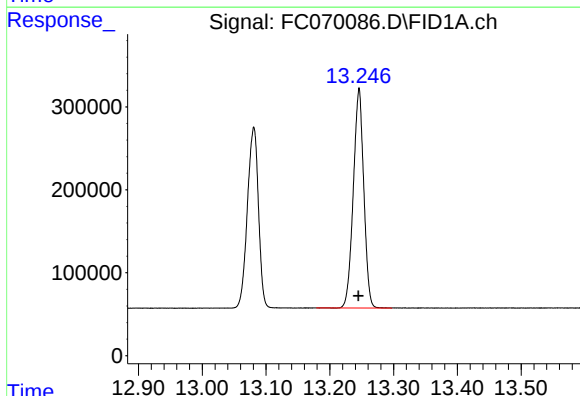
R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 3387659
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



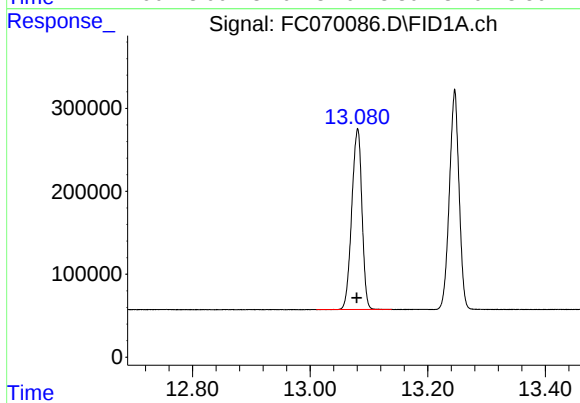
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 3116134
Conc: 19.42 ug/ml



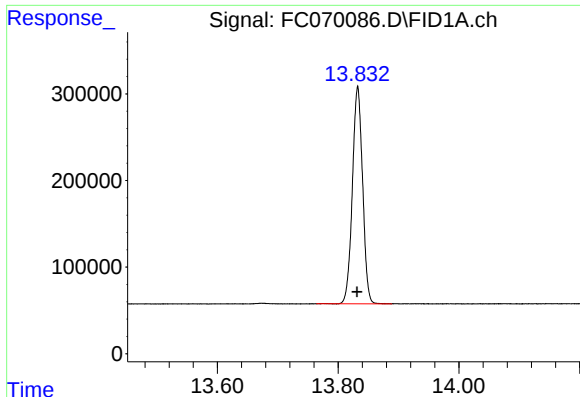
#11 n-Heneicosane (C21)

R.T.: 13.246 min
Delta R.T.: 0.000 min
Response: 3016915
Conc: 19.43 ug/ml



#12 1-chlorooctadecane (SURR)

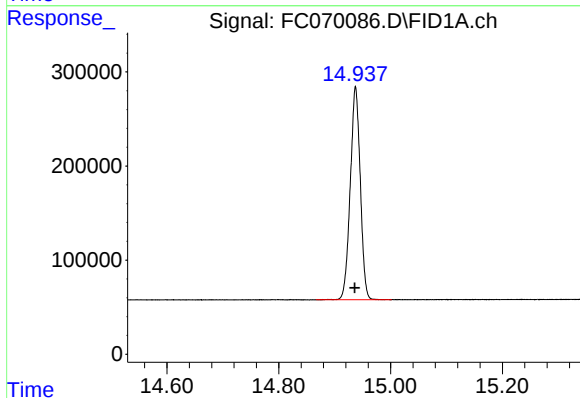
R.T.: 13.081 min
Delta R.T.: 0.001 min
Response: 2620304
Conc: 19.30 ug/ml



#13 n-Docosane (C22)

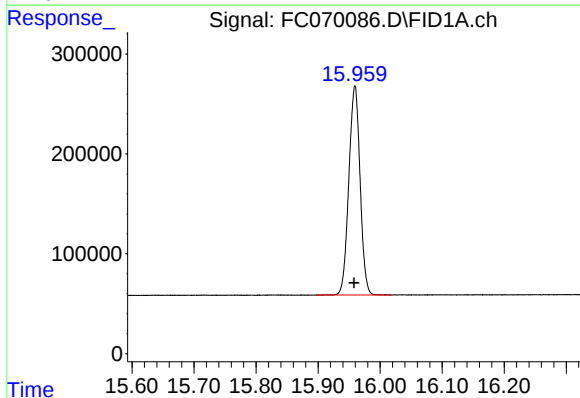
R.T.: 13.832 min
Delta R.T.: 0.001 min
Response: 2944081
Conc: 19.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



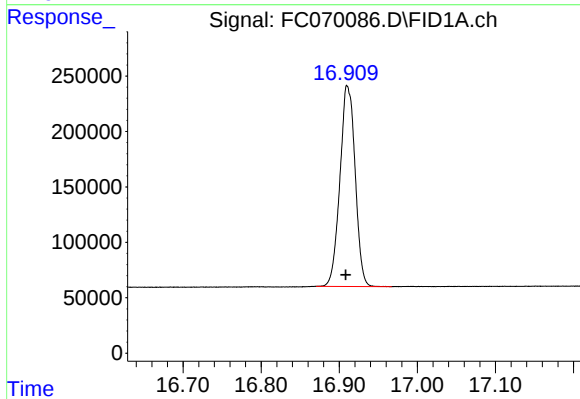
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: 0.001 min
Response: 2811829
Conc: 18.54 ug/ml



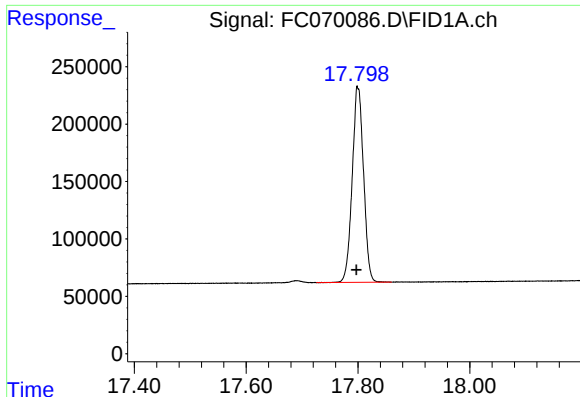
#15 n-Hexacosane (C26)

R.T.: 15.959 min
Delta R.T.: 0.001 min
Response: 2637224
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

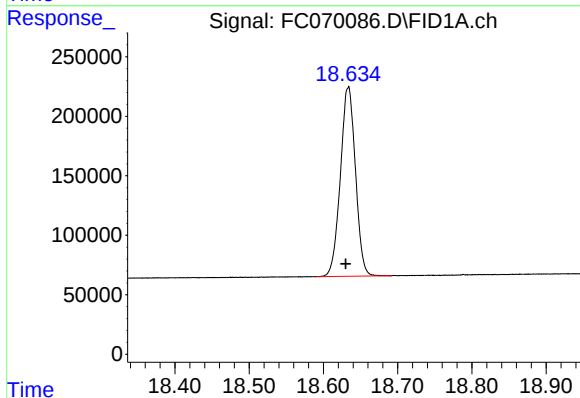
R.T.: 16.911 min
Delta R.T.: 0.003 min
Response: 2454426
Conc: 17.75 ug/ml



#17 n-Tricontane (C30)

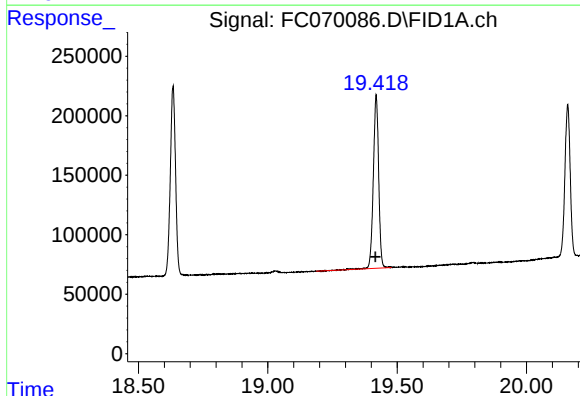
R.T.: 17.800 min
Delta R.T.: 0.003 min
Response: 2399735
Conc: 17.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



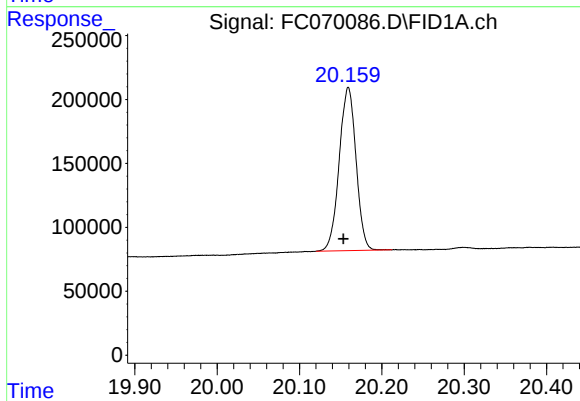
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: 0.003 min
Response: 2247916
Conc: 17.43 ug/ml



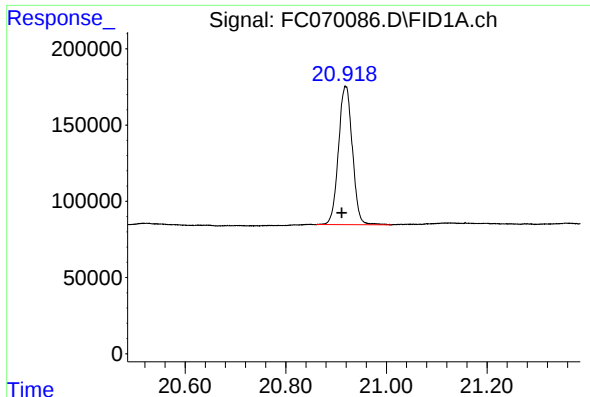
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: 0.004 min
Response: 2086936
Conc: 18.29 ug/ml



#20 n-Hexatriacontane (C36)

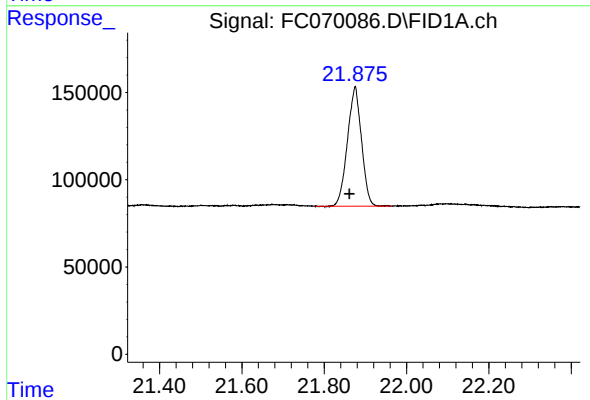
R.T.: 20.159 min
Delta R.T.: 0.006 min
Response: 1815179
Conc: 18.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.919 min
Delta R.T.: 0.007 min
Response: 1735980
Conc: 19.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.875 min
Delta R.T.: 0.013 min
Response: 1620698
Conc: 19.73 ug/ml