

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
 Data File : FC069785.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 03:33
 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: sample.E
 Quant Time: Aug 29 04:03:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 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)	11.666	2392873	18.479 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
12) S 1-chlorooctadecane (S...	13.102	1813560	18.954 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
Target Compounds			
1) T n-Nonane (C9)	3.398	2319732	18.504 ug/ml
2) T n-Decane (C10)	4.470	2369301	18.594 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2502857	18.605 ug/ml
4) T n-Dodecane (C12)	6.495	2396081	18.700 ug/ml
5) T A~2-methylnaphthalene...	7.125	2389536	18.658 ug/ml
6) T n-Tetradecane (C14)	8.294	2344016	18.379 ug/ml
7) T n-Hexadecane (C16)	9.898	2366861	18.328 ug/ml
8) T n-Octadecane (C18)	11.343	2306567	18.396 ug/ml
10) T n-Eicosane (C20)	12.655	2150095	18.524 ug/ml
11) T n-Heneicosane (C21)	13.268	2079565	18.597 ug/ml
13) T n-Docosane (C22)	13.856	2035241	18.650 ug/ml
14) T n-Tetracosane (C24)	14.960	1969626	18.781 ug/ml
15) T n-Hexacosane (C26)	15.984	1886154	18.821 ug/ml
16) T n-Octacosane (C28)	16.935	1818645	18.888 ug/ml
17) T n-Tricontane (C30)	17.825	1823238	18.958 ug/ml
18) T n-Dotriacontane (C32)	18.660	1772674	19.030 ug/ml
19) T n-Tetratriacontane (C34)	19.444	1679748	19.465 ug/ml
20) T n-Hexatriacontane (C36)	20.185	1489781	19.528 ug/ml
21) T n-Octatriacontane (C38)	20.950	1449249	20.608 ug/ml
22) T n-Tetracontane (C40)	21.914	1323845	19.928 ug/ml

(f)=RT Delta > 1/2 Window

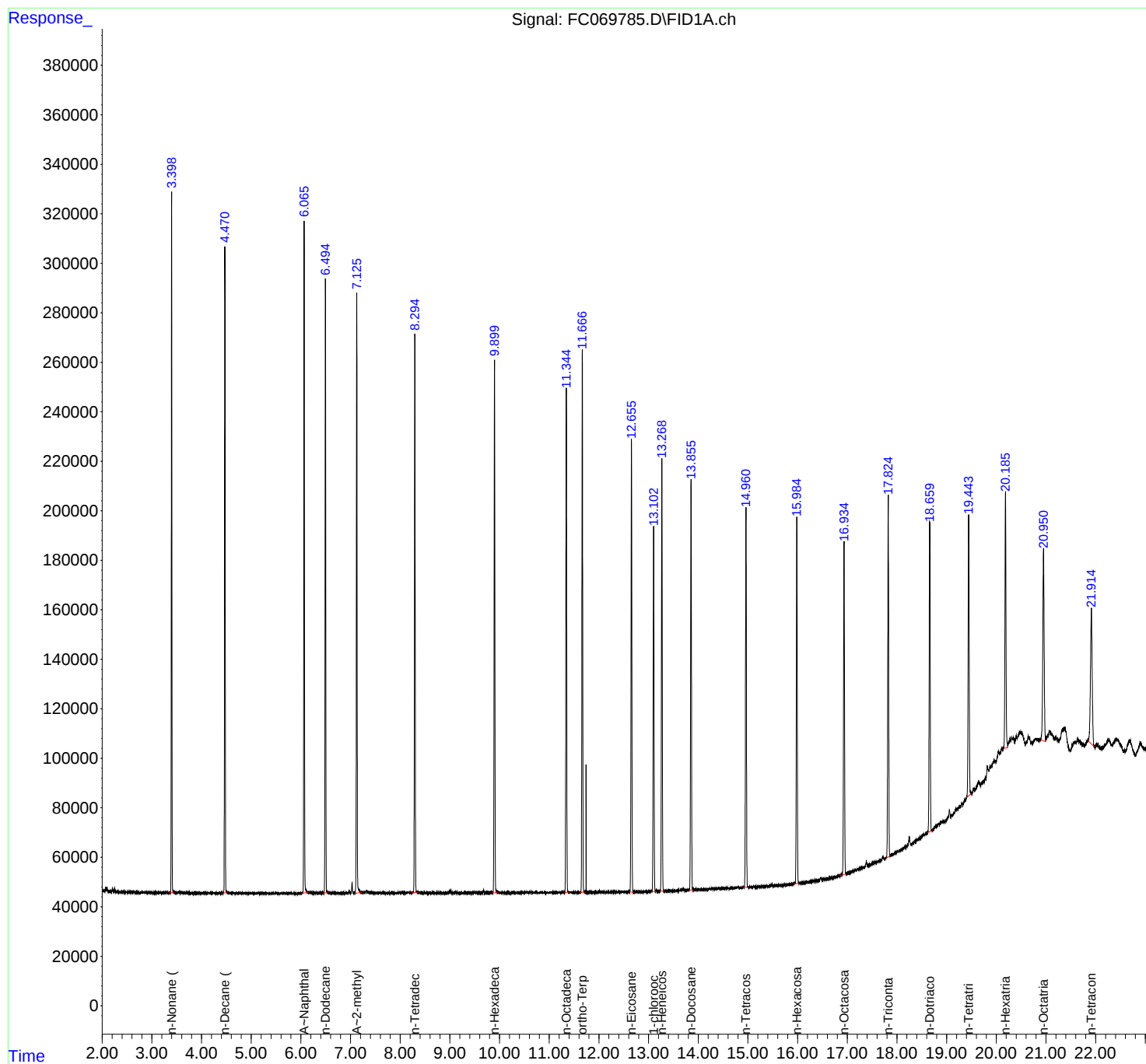
(m)=manual int.

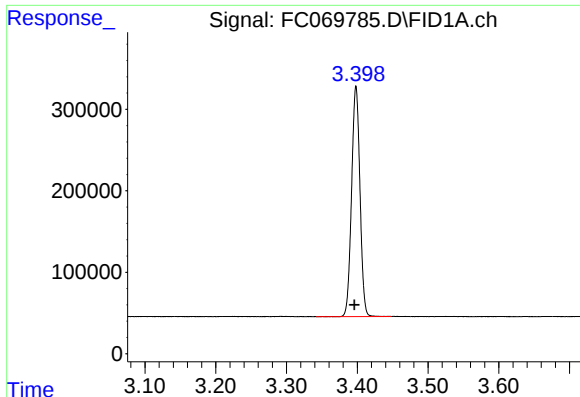
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
Data File : FC069785.D
Signal(s) : FID1A.ch
Acq On : 29 Aug 2025 03:33
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Aug 29 04:03:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
Quant Title : GC Extractables
QLast Update : Wed Aug 27 12:11:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

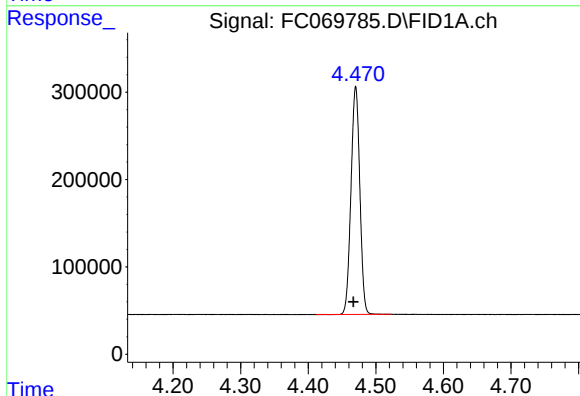




#1 n-Nonane (C9)

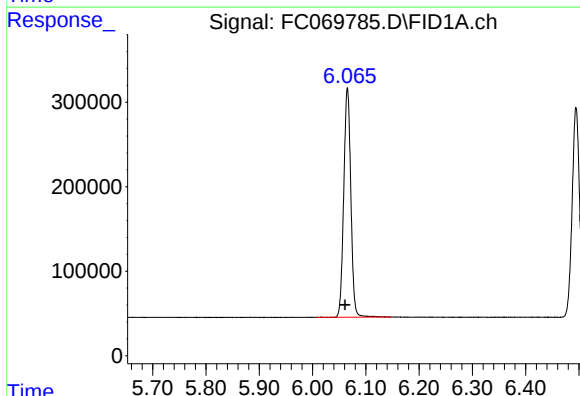
R.T.: 3.398 min
Delta R.T.: 0.002 min
Response: 2319732
Conc: 18.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



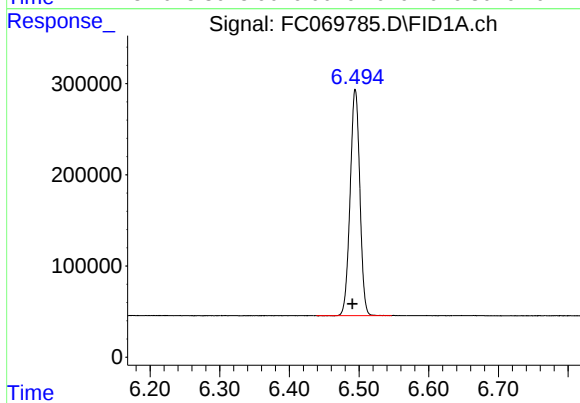
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: 0.003 min
Response: 2369301
Conc: 18.59 ug/ml



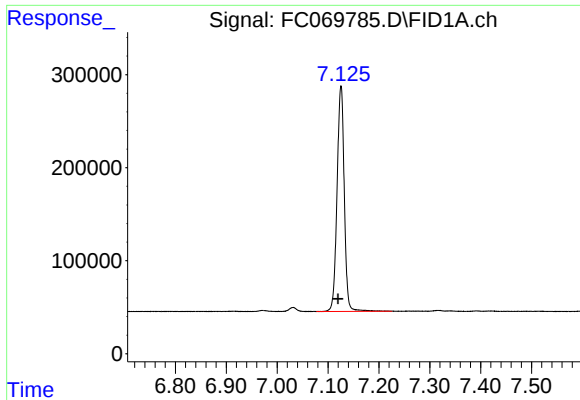
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.004 min
Response: 2502857
Conc: 18.61 ug/ml



#4 n-Dodecane (C12)

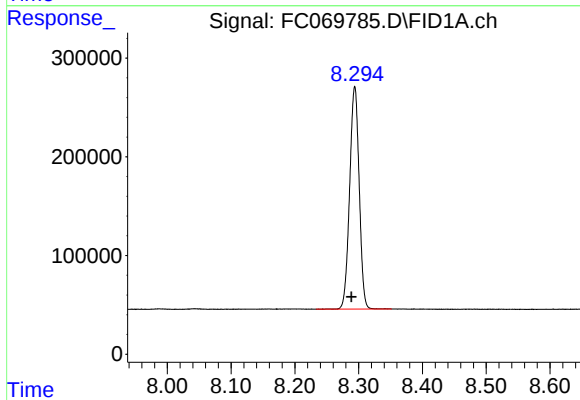
R.T.: 6.495 min
Delta R.T.: 0.004 min
Response: 2396081
Conc: 18.70 ug/ml



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

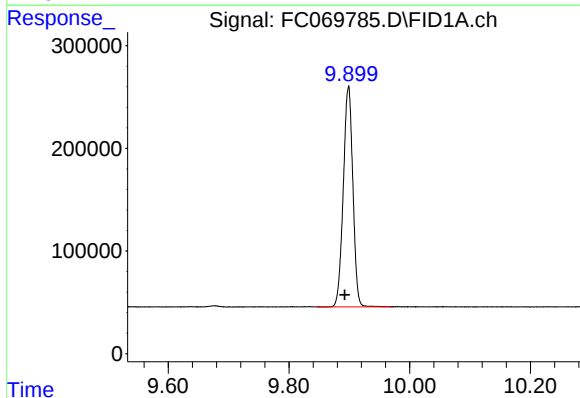
R.T.: 7.125 min
Delta R.T.: 0.006 min
Response: 2389536
Conc: 18.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



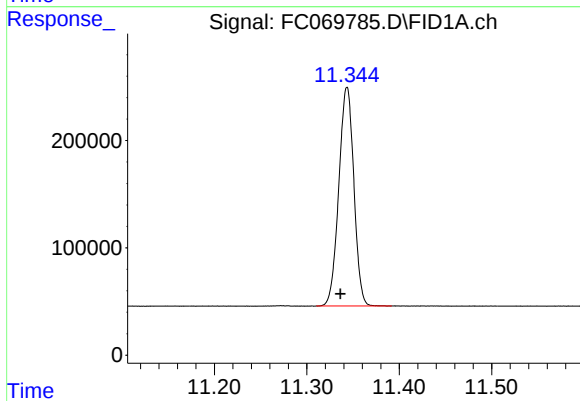
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: 0.005 min
Response: 2344016
Conc: 18.38 ug/ml



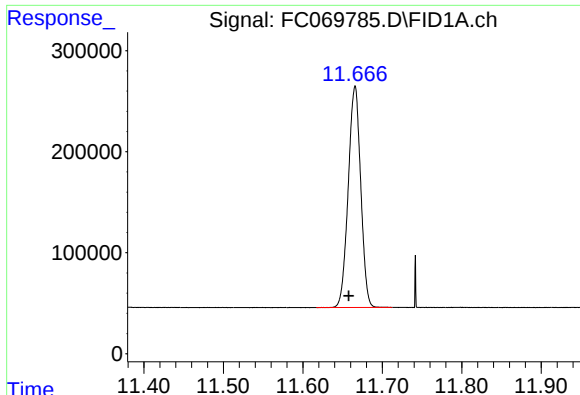
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: 0.006 min
Response: 2366861
Conc: 18.33 ug/ml



#8 n-Octadecane (C18)

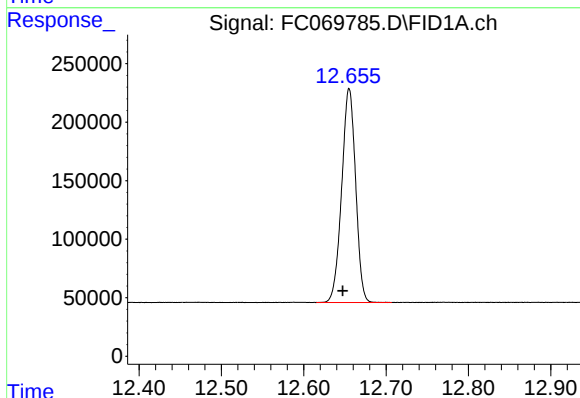
R.T.: 11.343 min
Delta R.T.: 0.007 min
Response: 2306567
Conc: 18.40 ug/ml



#9 ortho-Terphenyl (SURR)

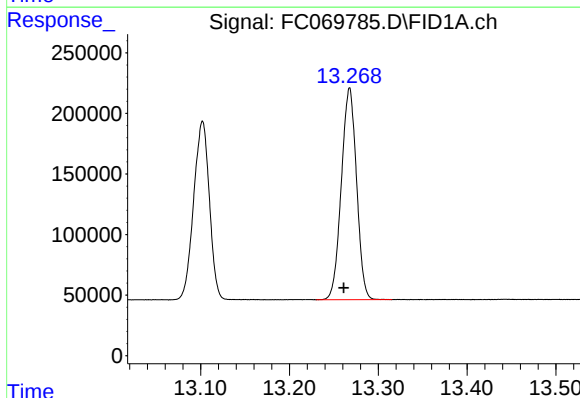
R.T.: 11.666 min
Delta R.T.: 0.008 min
Response: 2392873
Conc: 18.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



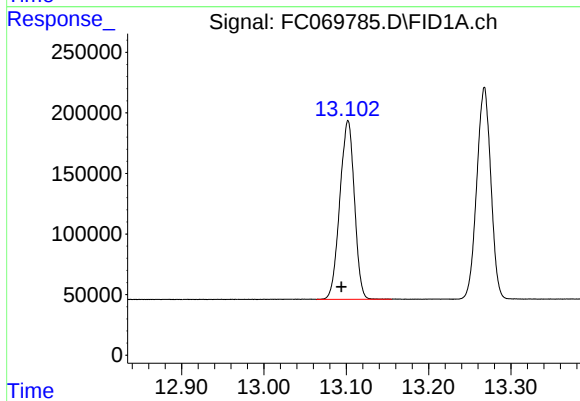
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: 0.008 min
Response: 2150095
Conc: 18.52 ug/ml



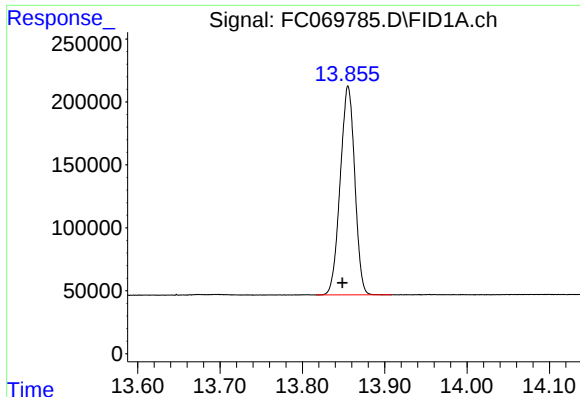
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: 0.006 min
Response: 2079565
Conc: 18.60 ug/ml



#12 1-chlorooctadecane (SURR)

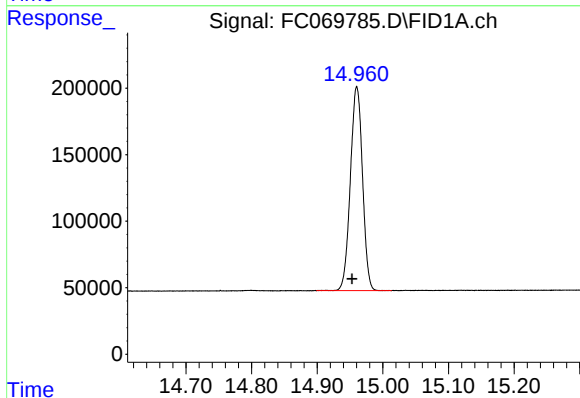
R.T.: 13.102 min
Delta R.T.: 0.008 min
Response: 1813560
Conc: 18.95 ug/ml



#13 n-Docosane (C22)

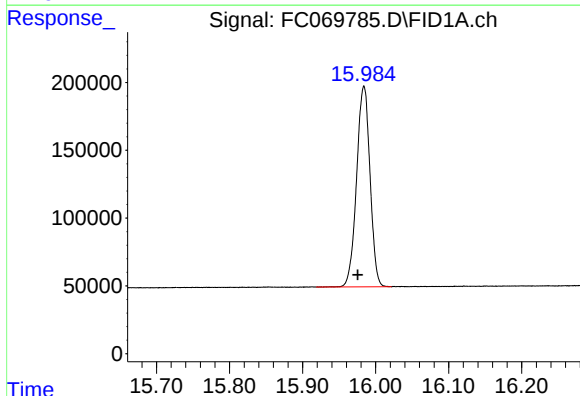
R.T.: 13.856 min
Delta R.T.: 0.007 min
Response: 2035241
Conc: 18.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



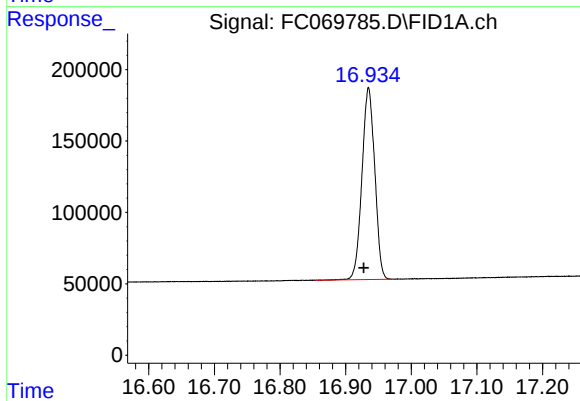
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: 0.007 min
Response: 1969626
Conc: 18.78 ug/ml



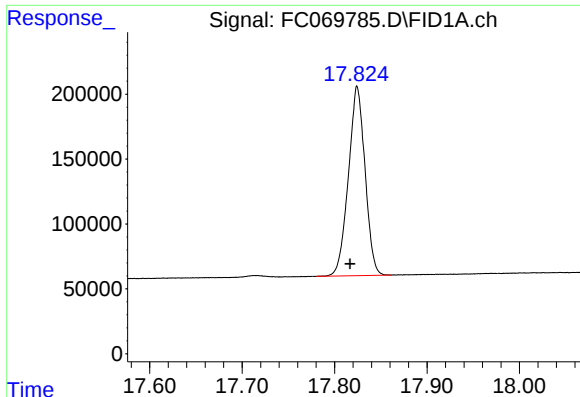
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: 0.008 min
Response: 1886154
Conc: 18.82 ug/ml



#16 n-Octacosane (C28)

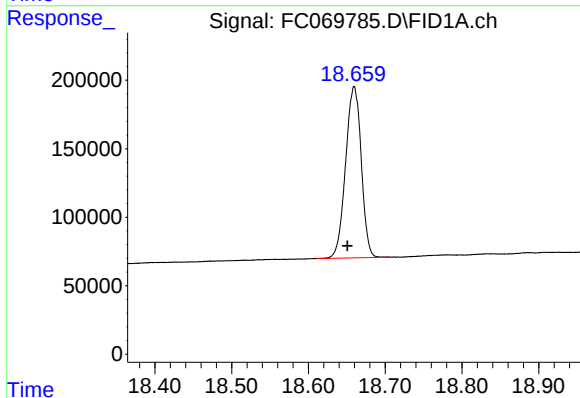
R.T.: 16.935 min
Delta R.T.: 0.008 min
Response: 1818645
Conc: 18.89 ug/ml



#17 n-Tricontane (C30)

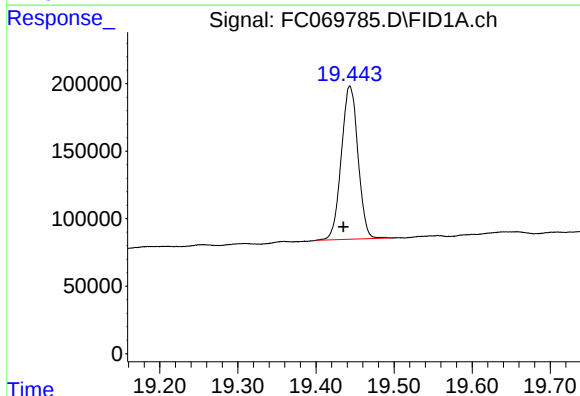
R.T.: 17.825 min
Delta R.T.: 0.008 min
Response: 1823238
Conc: 18.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



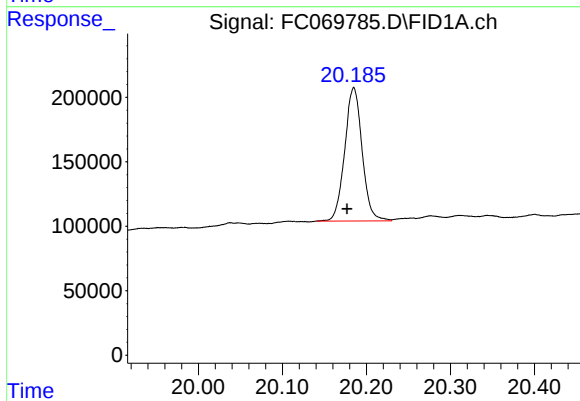
#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: 0.009 min
Response: 1772674
Conc: 19.03 ug/ml



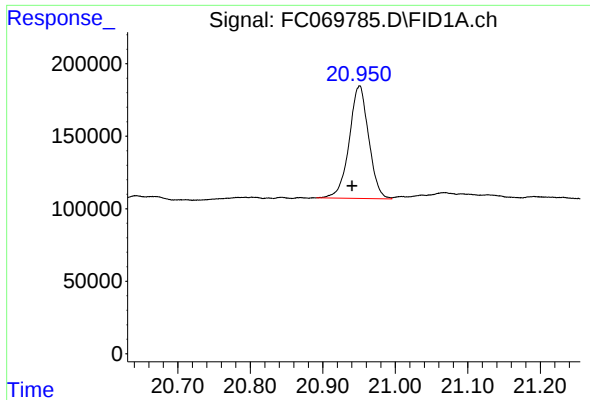
#19 n-Tetratriacontane (C34)

R.T.: 19.444 min
Delta R.T.: 0.009 min
Response: 1679748
Conc: 19.47 ug/ml



#20 n-Hexatriacontane (C36)

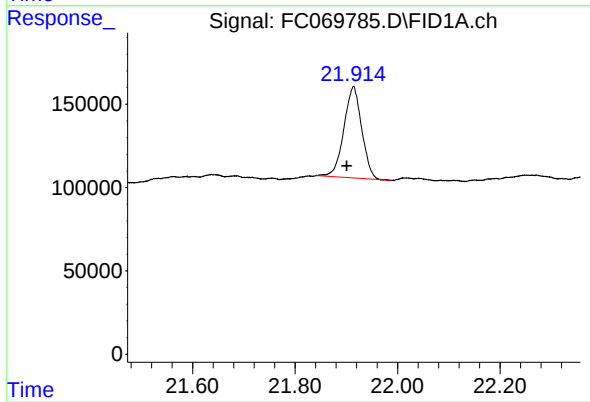
R.T.: 20.185 min
Delta R.T.: 0.008 min
Response: 1489781
Conc: 19.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.950 min
Delta R.T.: 0.010 min
Response: 1449249
Conc: 20.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.914 min
Delta R.T.: 0.013 min
Response: 1323845
Conc: 19.93 ug/ml