

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069571.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 20:09
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 01 23:06:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.673	3096850	20.758 ug/ml
Spiked Amount 50.000		Recovery =	41.52%
12) S 1-chlorooctadecane (S...	13.108	2327940	21.353 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
Target Compounds			
1) T n-Nonane (C9)	3.402	2830305	19.866 ug/ml
2) T n-Decane (C10)	4.475	2922991	20.106 ug/ml
3) T A~Naphthalene (C11.7)	6.072	3178583	20.485 ug/ml
4) T n-Dodecane (C12)	6.501	2952122	20.194 ug/ml
5) T A~2-methylnaphthalene...	7.132	3050603	20.714 ug/ml
6) T n-Tetradecane (C14)	8.301	2897735	20.305 ug/ml
7) T n-Hexadecane (C16)	9.905	2953484	20.488 ug/ml
8) T n-Octadecane (C18)	11.349	2909607	20.575 ug/ml
10) T n-Eicosane (C20)	12.662	2727655	20.707 ug/ml
11) T n-Heneicosane (C21)	13.275	2638587	20.688 ug/ml
13) T n-Docosane (C22)	13.862	2596699	20.787 ug/ml
14) T n-Tetracosane (C24)	14.967	2508553	20.788 ug/ml
15) T n-Hexacosane (C26)	15.989	2397691	20.750 ug/ml
16) T n-Octacosane (C28)	16.940	2323224	20.727 ug/ml
17) T n-Tricontane (C30)	17.831	2380338	20.790 ug/ml
18) T n-Dotriacontane (C32)	18.664	2336157	21.031 ug/ml
19) T n-Tetratriacontane (C34)	19.449	2186729	21.476 ug/ml
20) T n-Hexatriacontane (C36)	20.190	1891810	21.217 ug/ml
21) T n-Octatriacontane (C38)	20.957	1722459	21.412 ug/ml
22) T n-Tetracontane (C40)	21.922	1720596	22.978 ug/ml

(f)=RT Delta > 1/2 Window

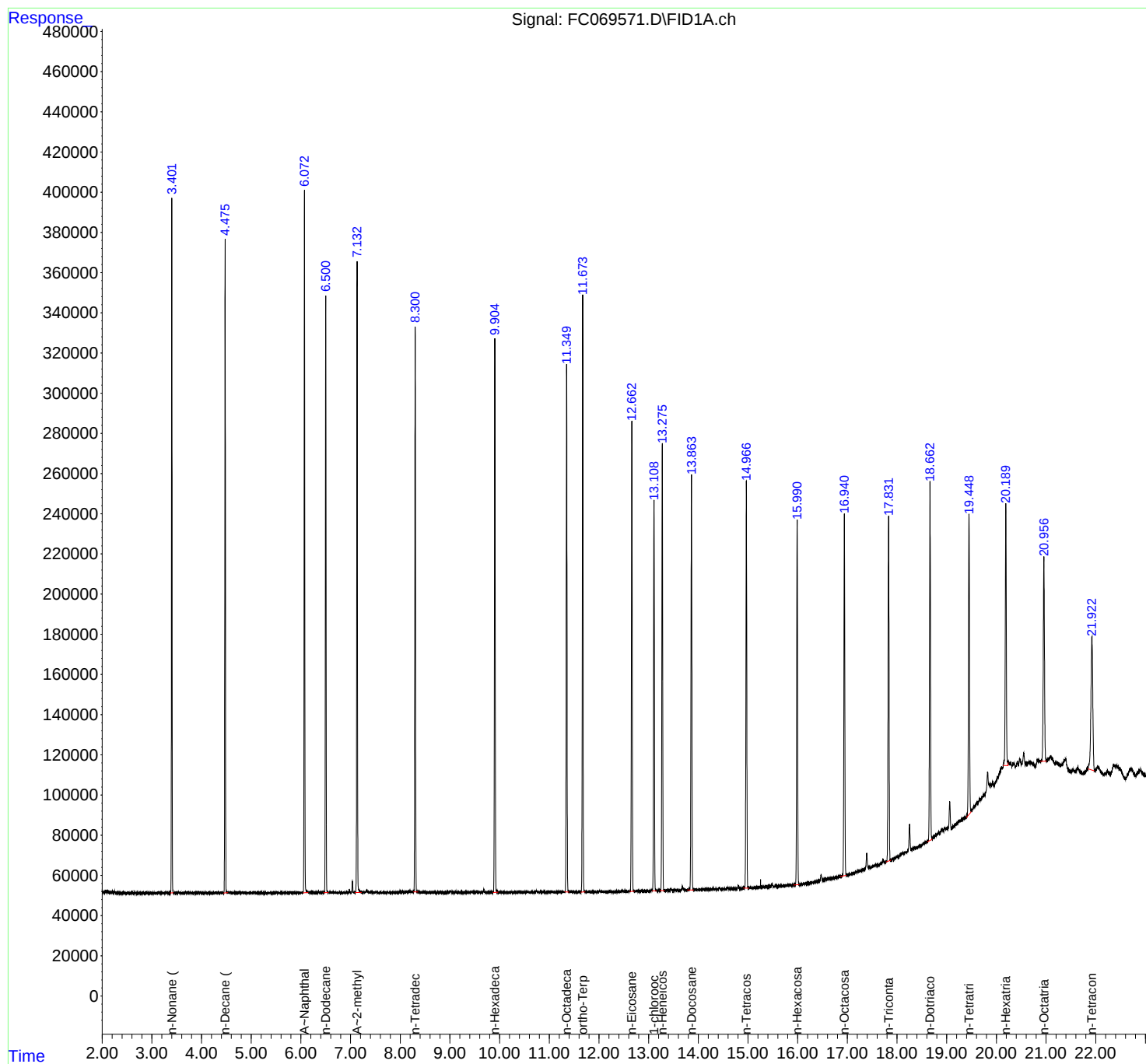
(m)=manual int.

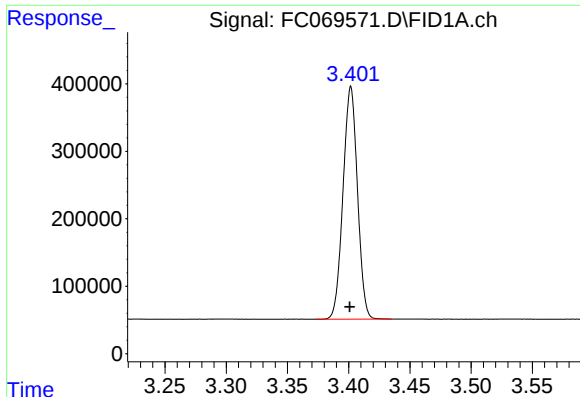
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
Data File : FC069571.D
Signal(s) : FID1A.ch
Acq On : 01 Aug 2025 20:09
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Aug 01 23:06:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

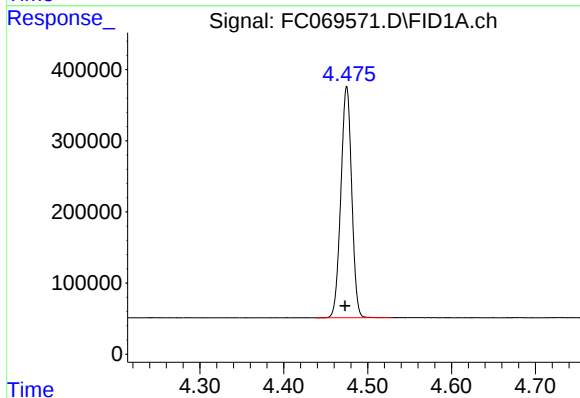




#1 n-Nonane (C9)

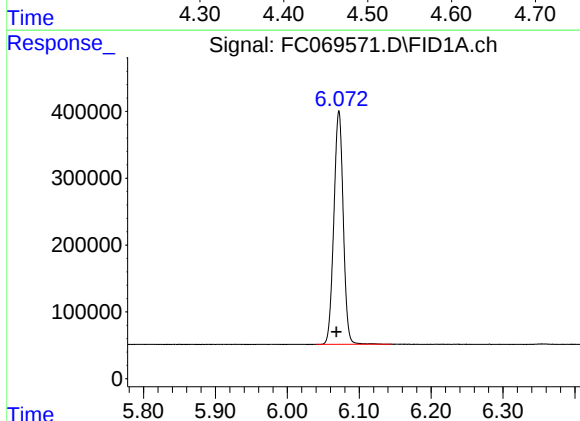
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 2830305
Conc: 19.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



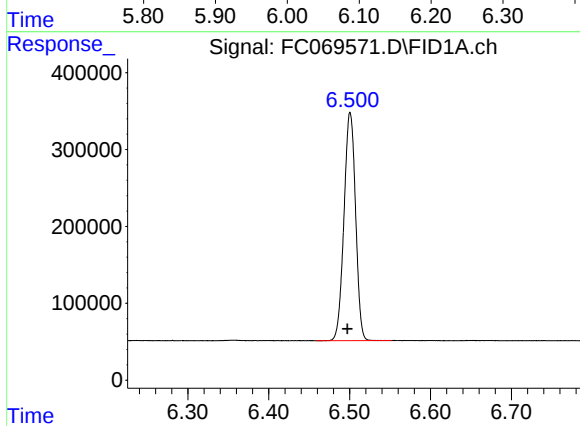
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.002 min
Response: 2922991
Conc: 20.11 ug/ml



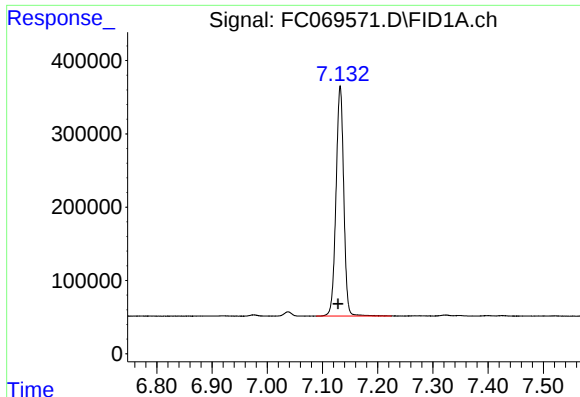
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.004 min
Response: 3178583
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

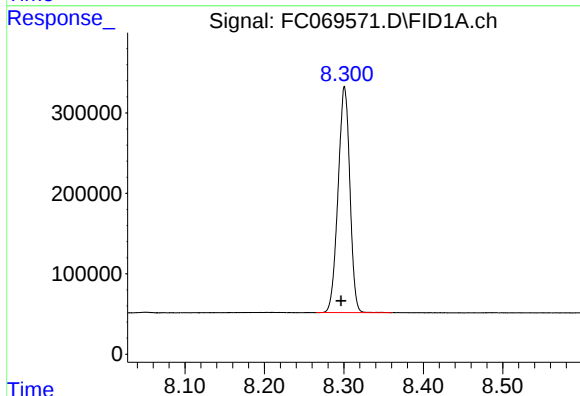
R.T.: 6.501 min
Delta R.T.: 0.004 min
Response: 2952122
Conc: 20.19 ug/ml



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

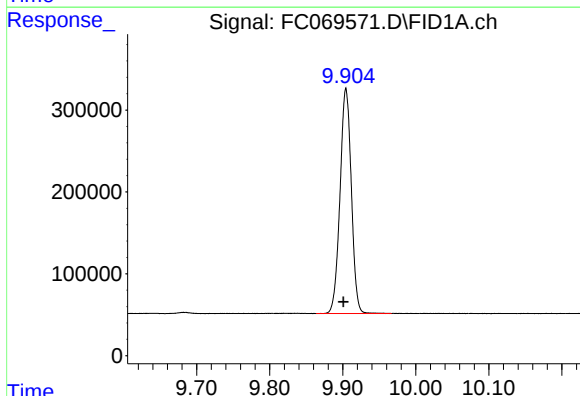
R.T.: 7.132 min
Delta R.T.: 0.004 min
Response: 3050603
Conc: 20.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



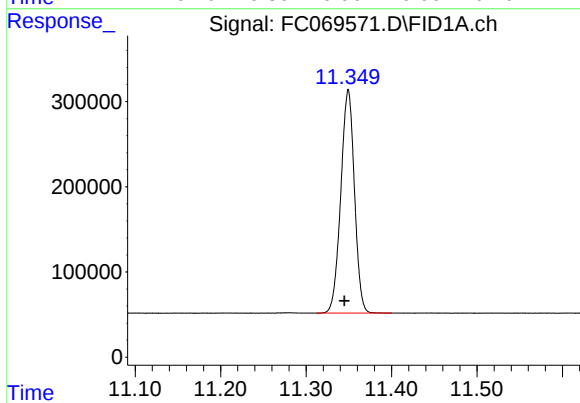
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: 0.004 min
Response: 2897735
Conc: 20.30 ug/ml



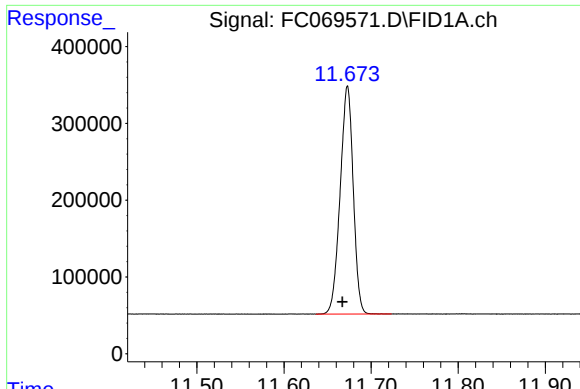
#7 n-Hexadecane (C16)

R.T.: 9.905 min
Delta R.T.: 0.004 min
Response: 2953484
Conc: 20.49 ug/ml



#8 n-Octadecane (C18)

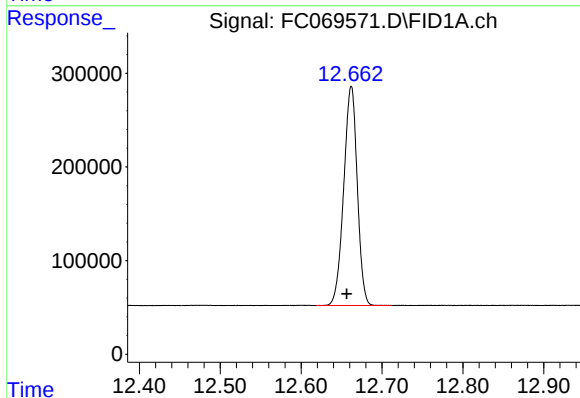
R.T.: 11.349 min
Delta R.T.: 0.004 min
Response: 2909607
Conc: 20.58 ug/ml



#9 ortho-Terphenyl (SURR)

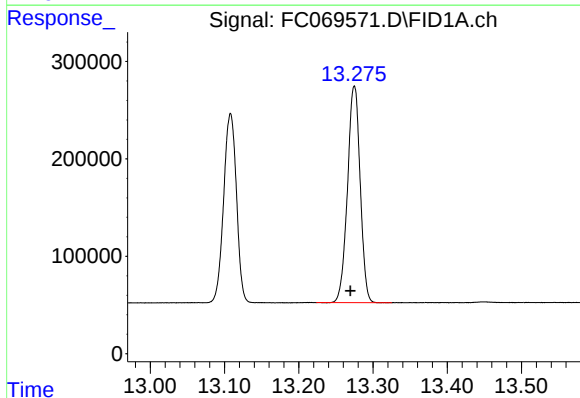
R.T.: 11.673 min
Delta R.T.: 0.006 min
Response: 3096850
Conc: 20.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



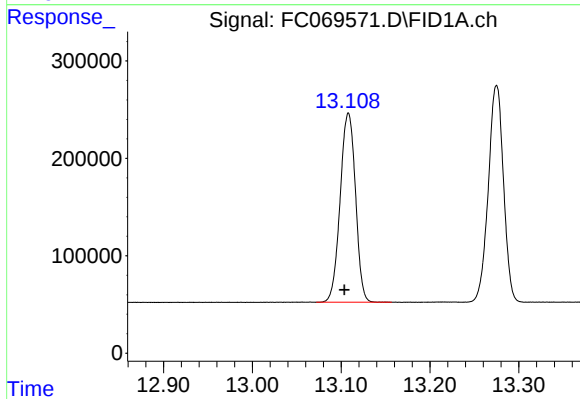
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: 0.006 min
Response: 2727655
Conc: 20.71 ug/ml



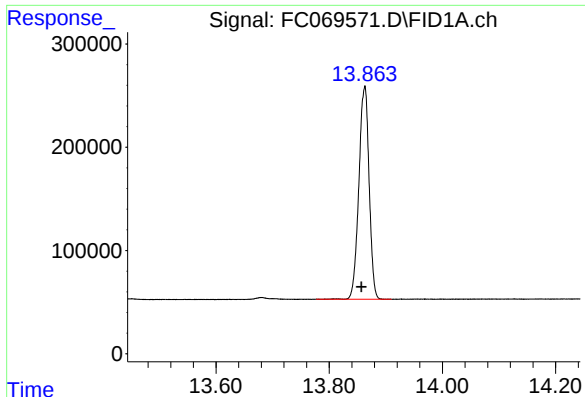
#11 n-Heneicosane (C21)

R.T.: 13.275 min
Delta R.T.: 0.005 min
Response: 2638587
Conc: 20.69 ug/ml



#12 1-chlorooctadecane (SURR)

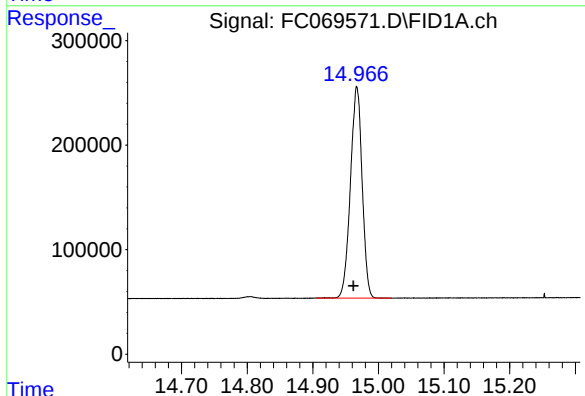
R.T.: 13.108 min
Delta R.T.: 0.004 min
Response: 2327940
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

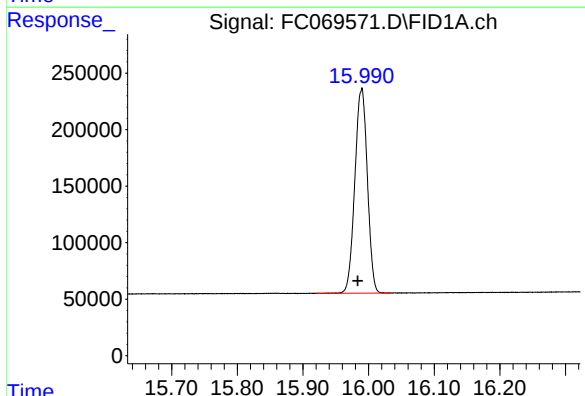
R.T.: 13.862 min
Delta R.T.: 0.005 min
Response: 2596699
Conc: 20.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



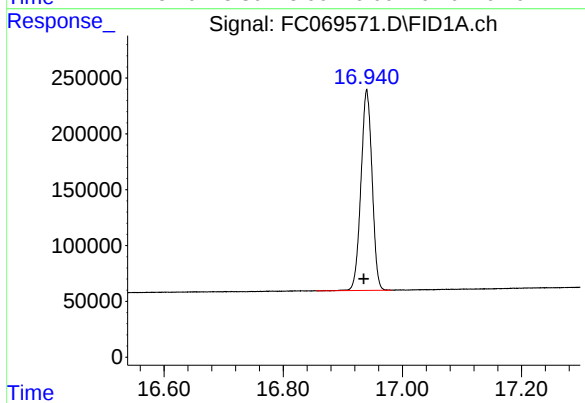
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: 0.005 min
Response: 2508553
Conc: 20.79 ug/ml



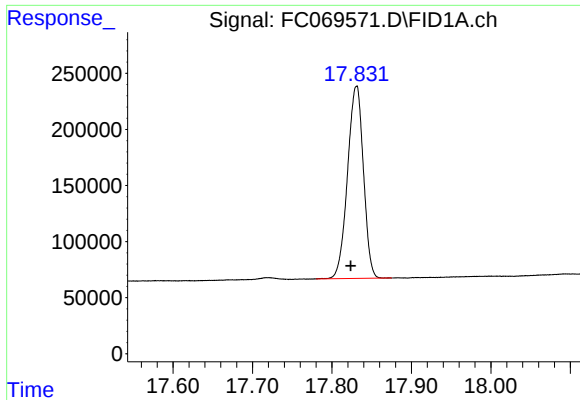
#15 n-Hexacosane (C26)

R.T.: 15.989 min
Delta R.T.: 0.006 min
Response: 2397691
Conc: 20.75 ug/ml



#16 n-Octacosane (C28)

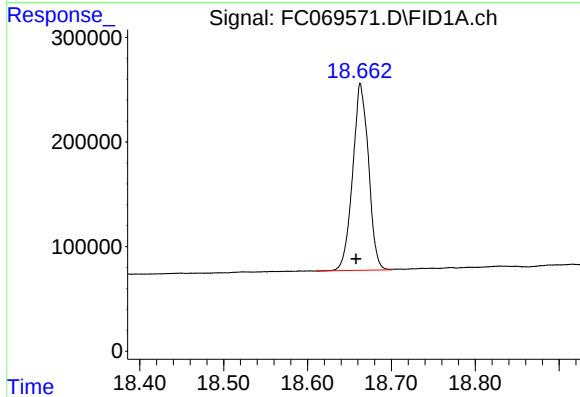
R.T.: 16.940 min
Delta R.T.: 0.005 min
Response: 2323224
Conc: 20.73 ug/ml



#17 n-Tricontane (C30)

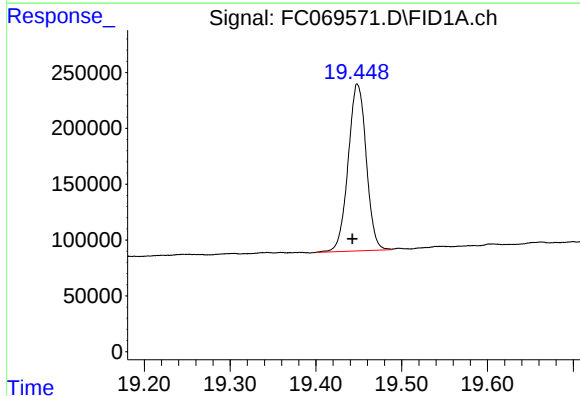
R.T.: 17.831 min
Delta R.T.: 0.007 min
Response: 2380338
Conc: 20.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



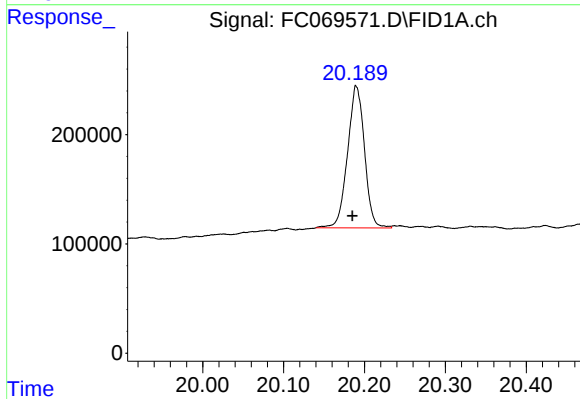
#18 n-Dotriacontane (C32)

R.T.: 18.664 min
Delta R.T.: 0.006 min
Response: 2336157
Conc: 21.03 ug/ml



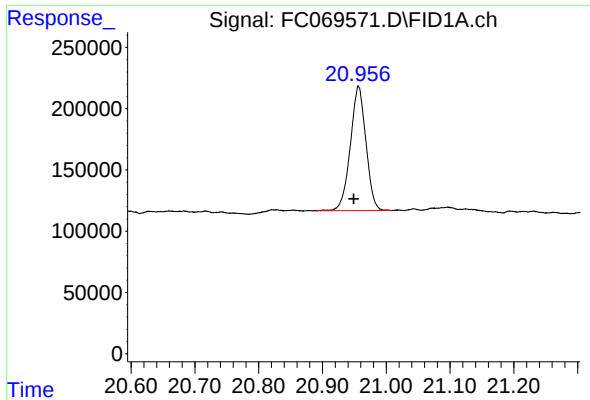
#19 n-Tetratriacontane (C34)

R.T.: 19.449 min
Delta R.T.: 0.006 min
Response: 2186729
Conc: 21.48 ug/ml



#20 n-Hexatriacontane (C36)

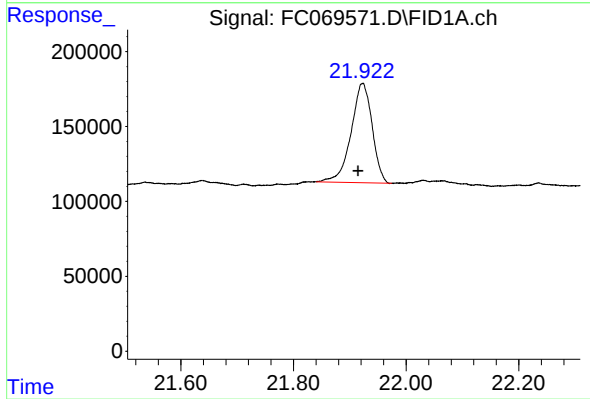
R.T.: 20.190 min
Delta R.T.: 0.005 min
Response: 1891810
Conc: 21.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.957 min
Delta R.T.: 0.007 min
Response: 1722459
Conc: 21.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.922 min
Delta R.T.: 0.007 min
Response: 1720596
Conc: 22.98 ug/ml