

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022025AL\
 Data File : FC068292.D
 Signal(s) : FID1A.ch
 Acq On : 20 Feb 2025 18:28
 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: Feb 21 01:12:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:52:40 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)	11.399	3014877	19.293 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
12) S 1-chlorooctadecane (S...	12.842	2221812	19.320 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
Target Compounds			
1) T n-Nonane (C9)	3.206	2823467	20.619 ug/ml
2) T n-Decane (C10)	4.263	2855561	20.568 ug/ml
3) T A~Naphthalene (C11.7)	5.830	3088673	20.574 ug/ml
4) T n-Dodecane (C12)	6.272	2827844	20.242 ug/ml
5) T A~2-methylnaphthalene...	6.882	2914296	20.290 ug/ml
6) T n-Tetradecane (C14)	8.061	2729549	20.000 ug/ml
7) T n-Hexadecane (C16)	9.657	2750040	19.792 ug/ml
8) T n-Octadecane (C18)	11.095	2738384	19.572 ug/ml
10) T n-Eicosane (C20)	12.401	2600602	19.436 ug/ml
11) T n-Heneicosane (C21)	13.011	2545155	19.378 ug/ml
13) T n-Docosane (C22)	13.596	2513711	19.406 ug/ml
14) T n-Tetracosane (C24)	14.697	2479438	19.312 ug/ml
15) T n-Hexacosane (C26)	15.716	2431046	19.319 ug/ml
16) T n-Octacosane (C28)	16.665	2388530	19.097 ug/ml
17) T n-Tricontane (C30)	17.552	2432938	18.823 ug/ml
18) T n-Dotriacontane (C32)	18.383	2358892	18.869 ug/ml
19) T n-Tetratriacontane (C34)	19.165	2102941	19.386 ug/ml
20) T n-Hexatriacontane (C36)	19.904	1855431	20.049 ug/ml
21) T n-Octatriacontane (C38)	20.617	1788237	20.869 ug/ml
22) T n-Tetracontane (C40)	21.470	1753875	21.690 ug/ml

(f)=RT Delta > 1/2 Window

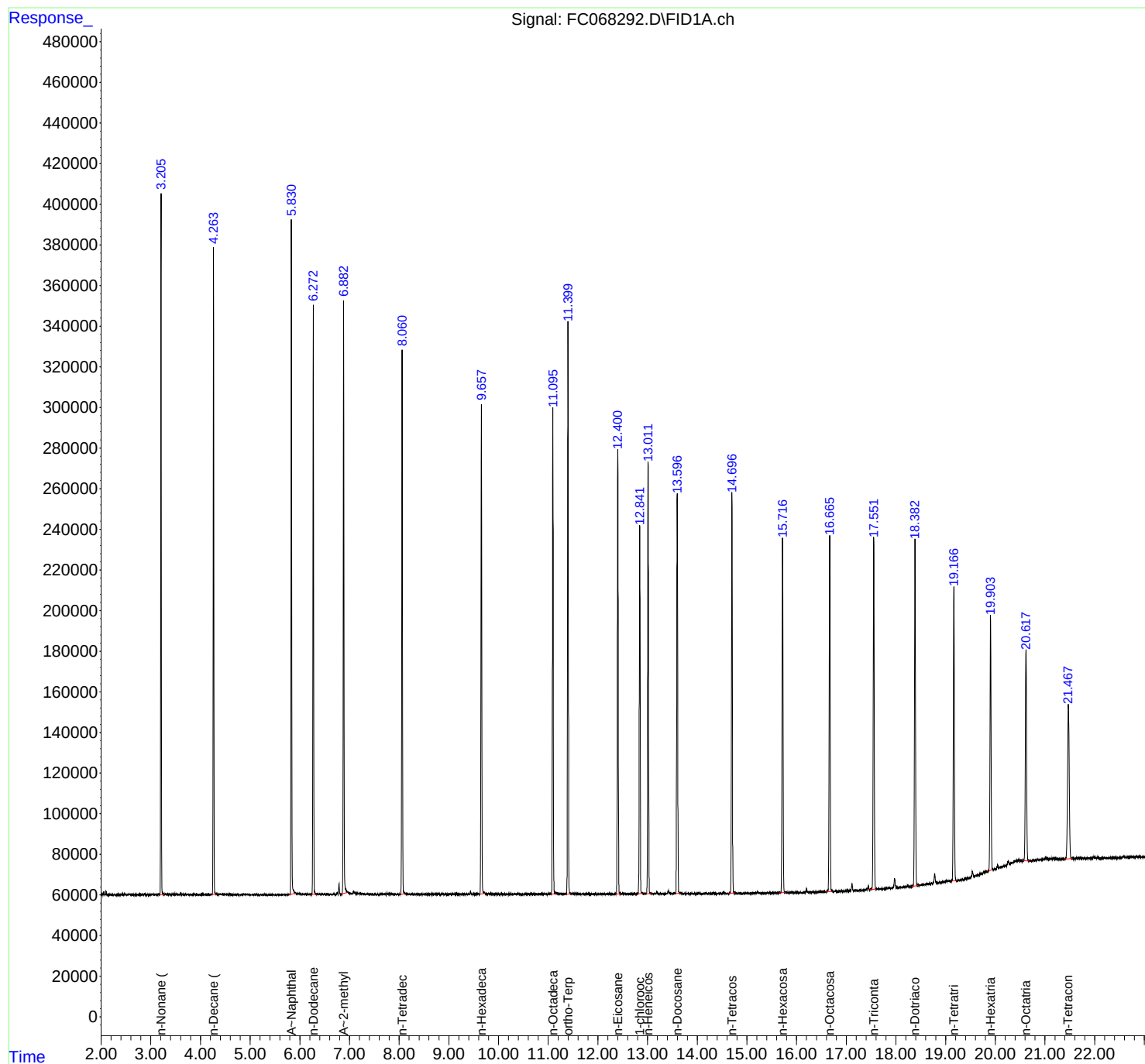
(m)=manual int.

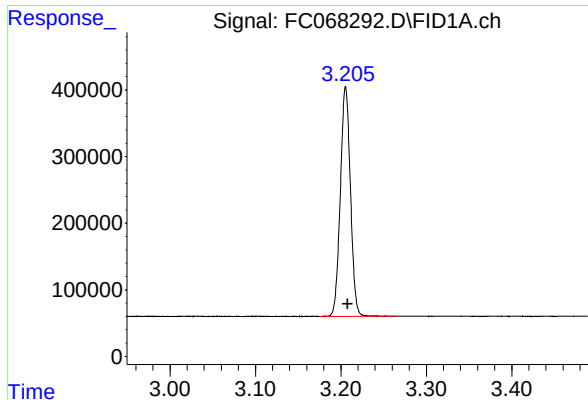
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022025AL\
Data File : FC068292.D
Signal(s) : FID1A.ch
Acq On : 20 Feb 2025 18:28
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Feb 21 01:12:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:52:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

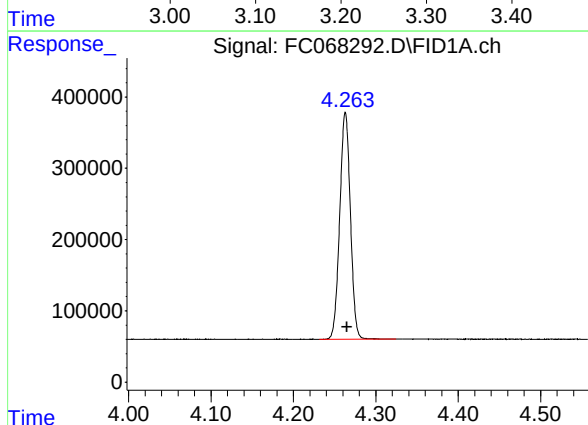




#1 n-Nonane (C9)

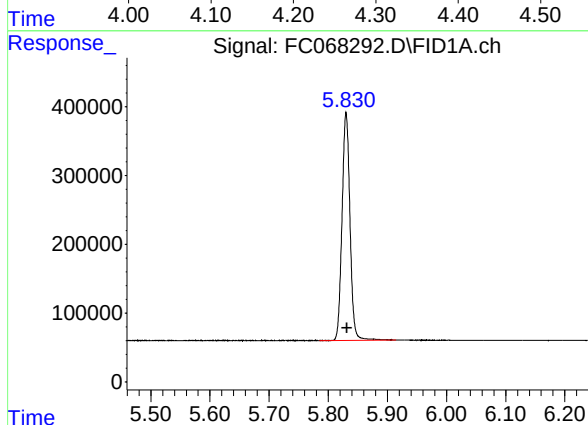
R.T.: 3.206 min
Delta R.T.: -0.002 min
Response: 2823467
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



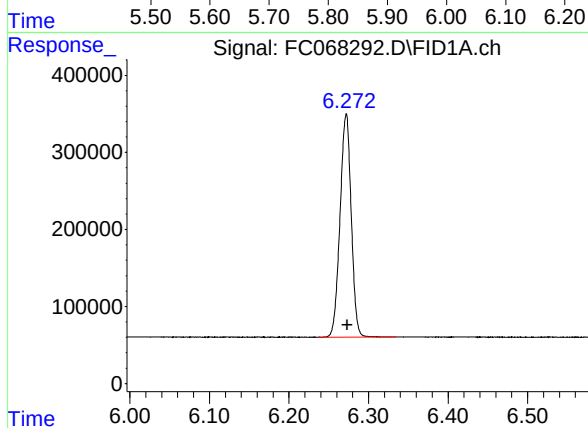
#2 n-Decane (C10)

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 2855561
Conc: 20.57 ug/ml



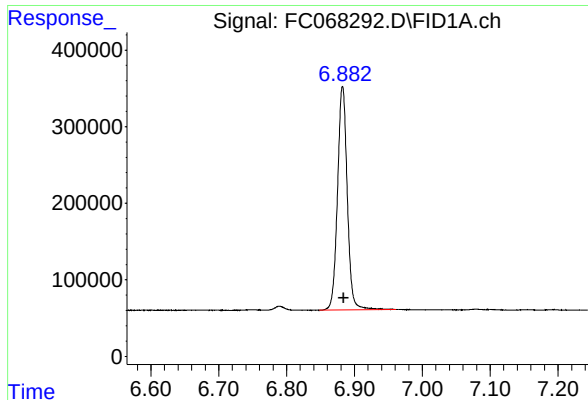
#3 A~Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 3088673
Conc: 20.57 ug/ml



#4 n-Dodecane (C12)

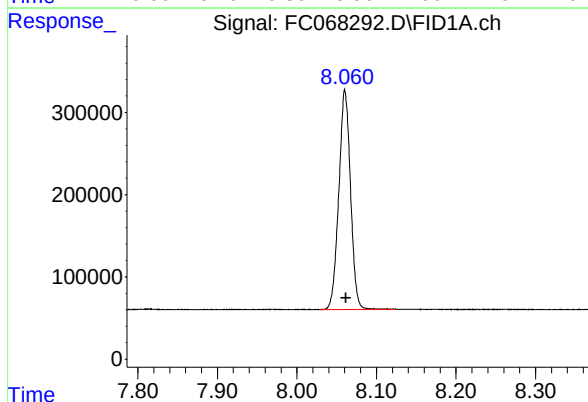
R.T.: 6.272 min
Delta R.T.: -0.001 min
Response: 2827844
Conc: 20.24 ug/ml



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

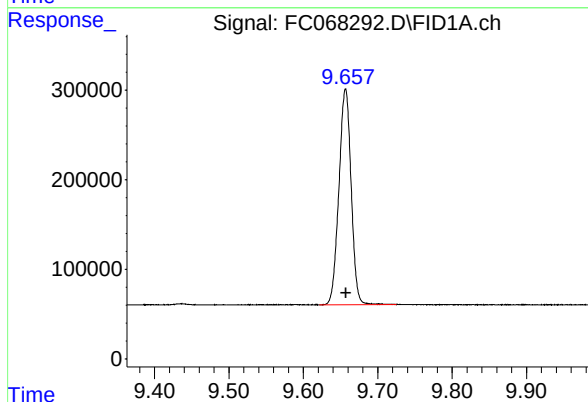
R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 2914296
Conc: 20.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



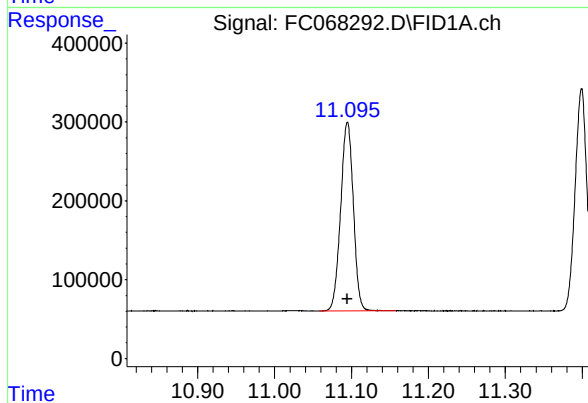
#6 n-Tetradecane (C14)

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 2729549
Conc: 20.00 ug/ml



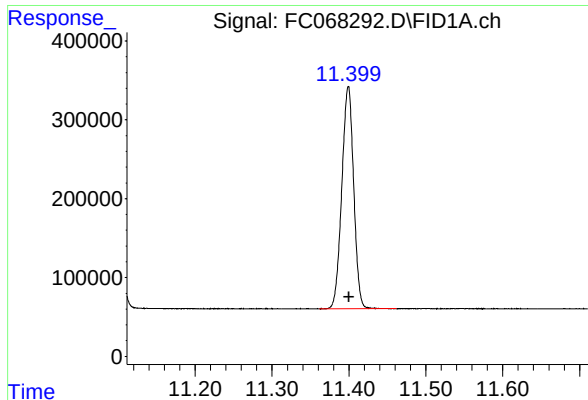
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 2750040
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

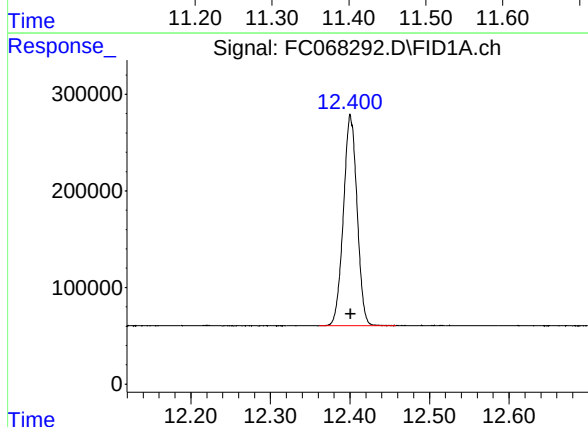
R.T.: 11.095 min
Delta R.T.: 0.000 min
Response: 2738384
Conc: 19.57 ug/ml



#9 ortho-Terphenyl (SURR)

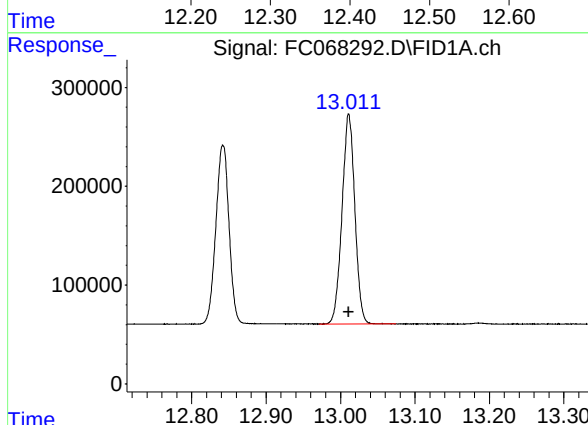
R.T.: 11.399 min
Delta R.T.: 0.000 min
Response: 3014877
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



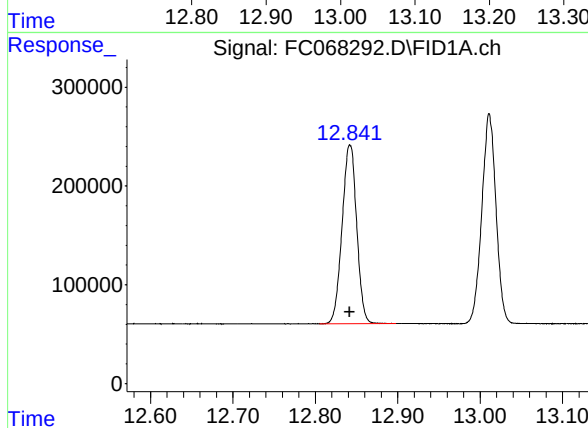
#10 n-Eicosane (C20)

R.T.: 12.401 min
Delta R.T.: 0.000 min
Response: 2600602
Conc: 19.44 ug/ml



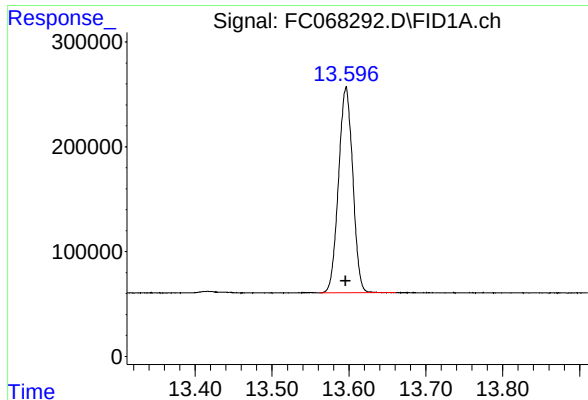
#11 n-Heneicosane (C21)

R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 2545155
Conc: 19.38 ug/ml



#12 1-chlorooctadecane (SURR)

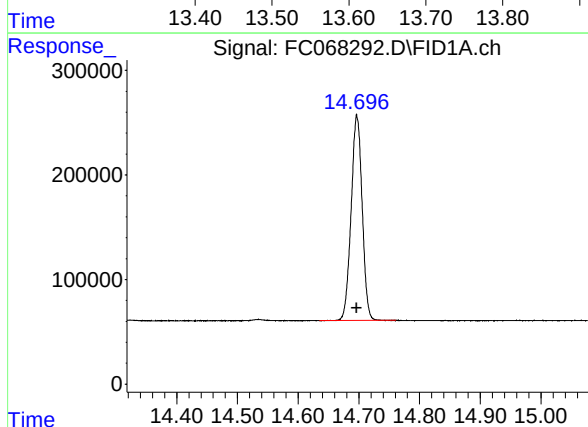
R.T.: 12.842 min
Delta R.T.: 0.000 min
Response: 2221812
Conc: 19.32 ug/ml



#13 n-Docosane (C22)

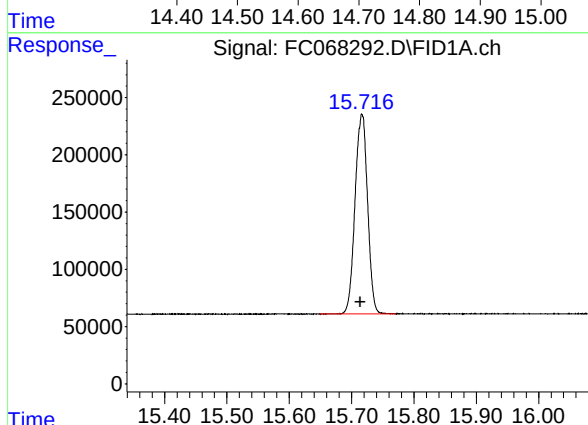
R.T.: 13.596 min
Delta R.T.: 0.000 min
Response: 2513711
Conc: 19.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



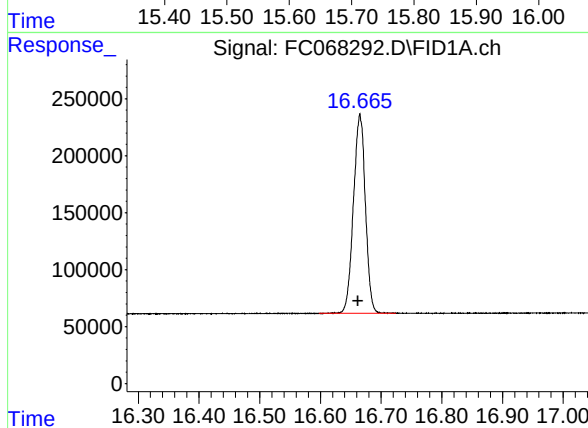
#14 n-Tetracosane (C24)

R.T.: 14.697 min
Delta R.T.: 0.000 min
Response: 2479438
Conc: 19.31 ug/ml



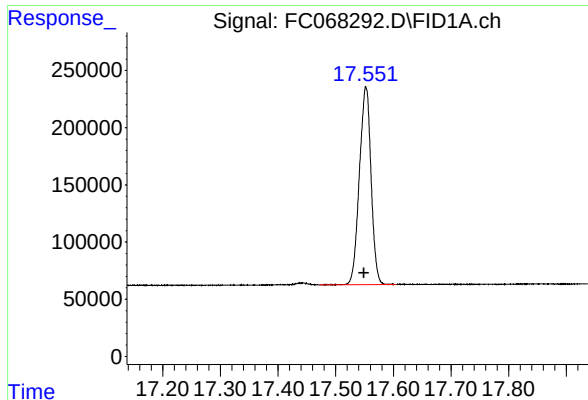
#15 n-Hexacosane (C26)

R.T.: 15.716 min
Delta R.T.: 0.002 min
Response: 2431046
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

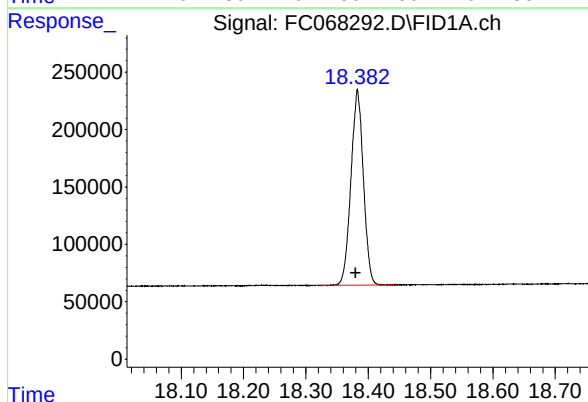
R.T.: 16.665 min
Delta R.T.: 0.003 min
Response: 2388530
Conc: 19.10 ug/ml



#17 n-Tricontane (C30)

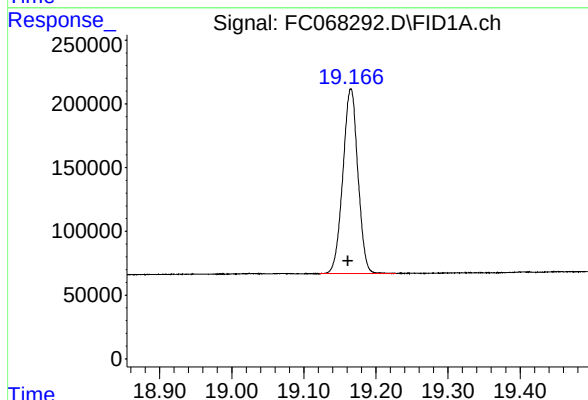
R.T.: 17.552 min
Delta R.T.: 0.003 min
Response: 2432938
Conc: 18.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



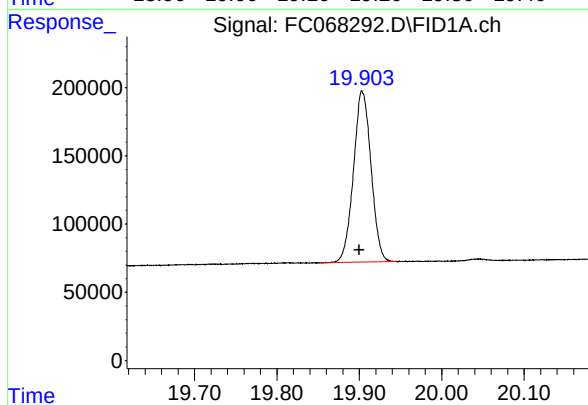
#18 n-Dotriacontane (C32)

R.T.: 18.383 min
Delta R.T.: 0.003 min
Response: 2358892
Conc: 18.87 ug/ml



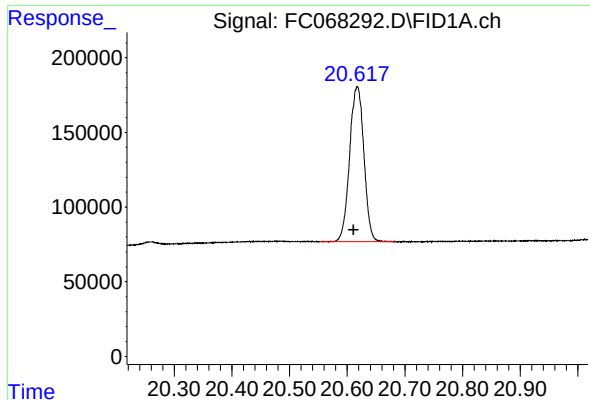
#19 n-Tetatriacontane (C34)

R.T.: 19.165 min
Delta R.T.: 0.004 min
Response: 2102941
Conc: 19.39 ug/ml



#20 n-Hexatriacontane (C36)

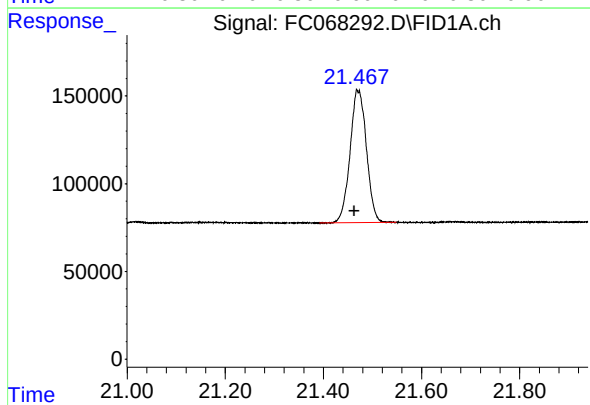
R.T.: 19.904 min
Delta R.T.: 0.004 min
Response: 1855431
Conc: 20.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.617 min
Delta R.T.: 0.006 min
Response: 1788237
Conc: 20.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.470 min
Delta R.T.: 0.008 min
Response: 1753875
Conc: 21.69 ug/ml