

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012925AL\
 Data File : FC068158.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jan 2025 04:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 30 05:37:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 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)	11.420	3320332	21.248 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
12) S 1-chlorooctadecane (S...	12.860	2455435	21.351 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
Target Compounds			
1) T n-Nonane (C9)	3.229	2978495	21.751 ug/ml
2) T n-Decane (C10)	4.287	3027711	21.808 ug/ml
3) T A~Naphthalene (C11.7)	5.854	3287300	21.897 ug/ml
4) T n-Dodecane (C12)	6.294	3023372	21.642 ug/ml
5) T A~2-methylnaphthalene...	6.906	3158990	21.994 ug/ml
6) T n-Tetradecane (C14)	8.082	2941255	21.551 ug/ml
7) T n-Hexadecane (C16)	9.677	2986047	21.490 ug/ml
8) T n-Octadecane (C18)	11.114	2989496	21.366 ug/ml
10) T n-Eicosane (C20)	12.419	2848375	21.288 ug/ml
11) T n-Heneicosane (C21)	13.030	2791283	21.252 ug/ml
13) T n-Docosane (C22)	13.614	2753245	21.255 ug/ml
14) T n-Tetracosane (C24)	14.714	2713545	21.136 ug/ml
15) T n-Hexacosane (C26)	15.732	2645519	21.023 ug/ml
16) T n-Octacosane (C28)	16.680	2592788	20.730 ug/ml
17) T n-Tricontane (C30)	17.565	2636375	20.397 ug/ml
18) T n-Dotriacontane (C32)	18.397	2542761	20.340 ug/ml
19) T n-Tetratriacontane (C34)	19.178	2240505	20.654 ug/ml
20) T n-Hexatriacontane (C36)	19.916	1943799	21.004 ug/ml
21) T n-Octatriacontane (C38)	20.629	1843711	21.517 ug/ml
22) T n-Tetracontane (C40)	21.485	1786014	22.088 ug/ml

(f)=RT Delta > 1/2 Window

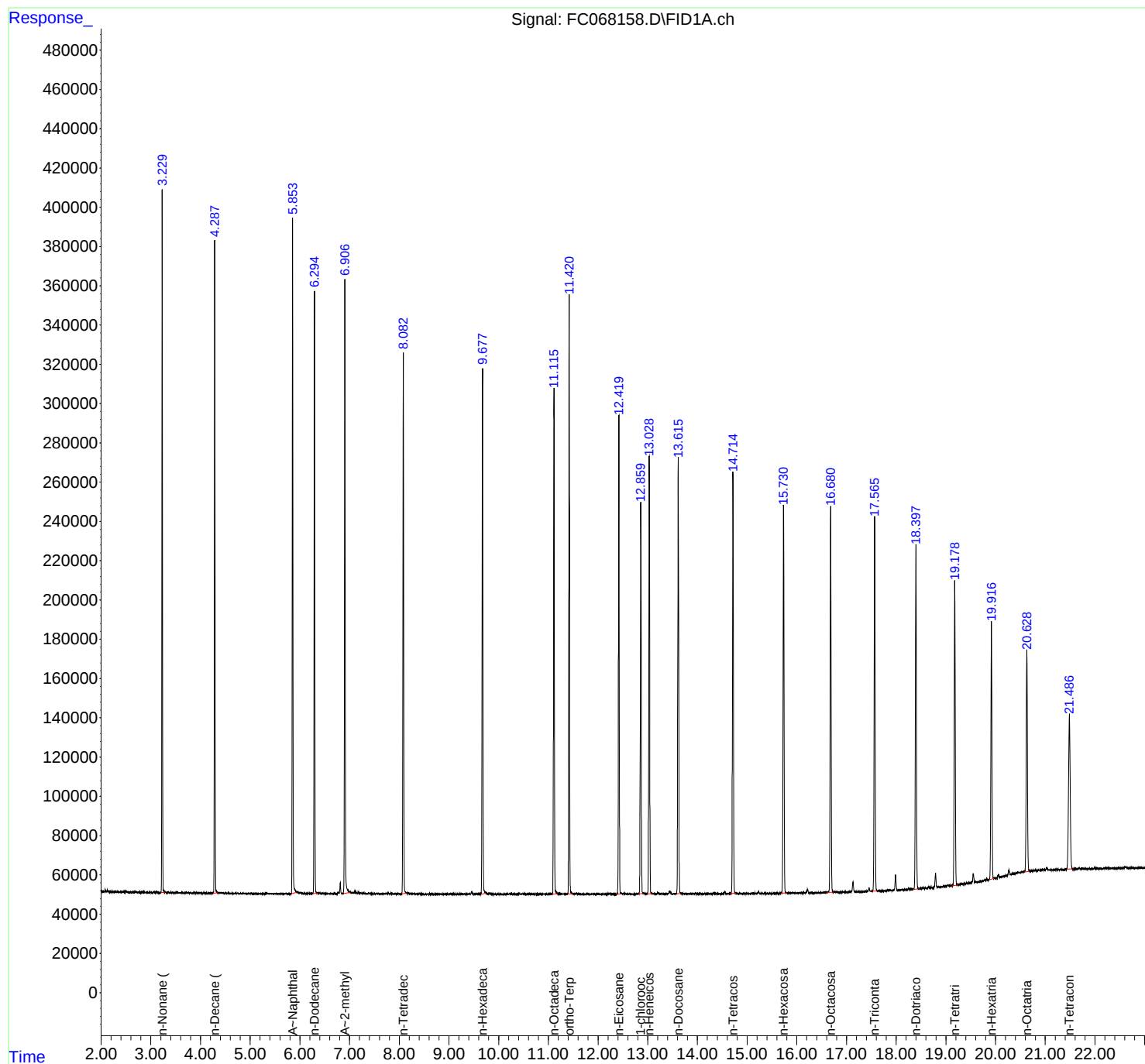
(m)=manual int.

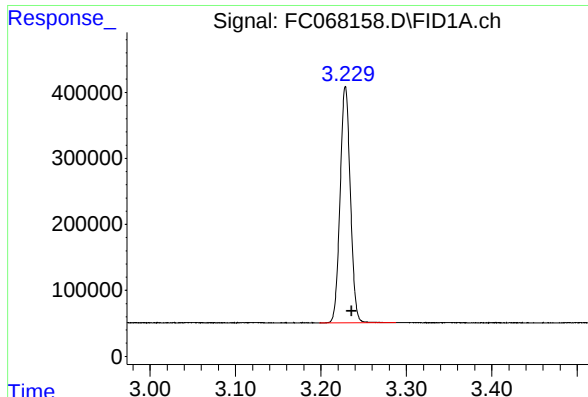
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012925AL\
Data File : FC068158.D
Signal(s) : FID1A.ch
Acq On : 30 Jan 2025 04:52
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jan 30 05:37:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

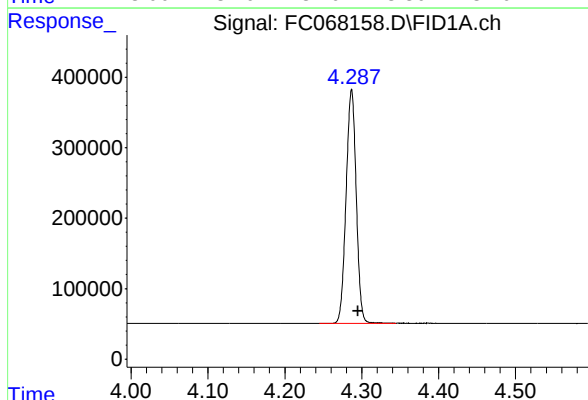




#1 n-Nonane (C9)

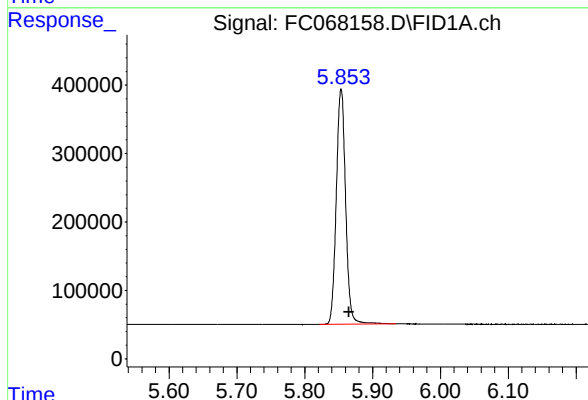
R.T.: 3.229 min
Delta R.T.: -0.007 min
Response: 2978495
Conc: 21.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



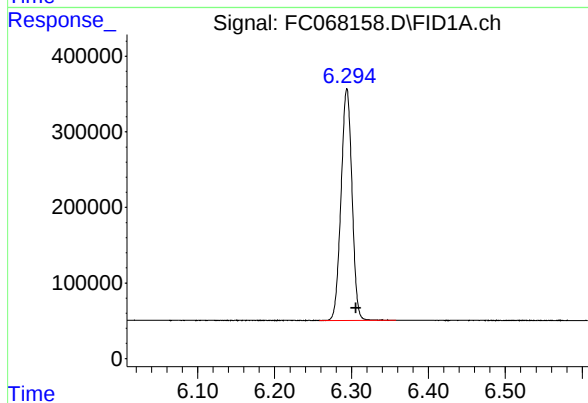
#2 n-Decane (C10)

R.T.: 4.287 min
Delta R.T.: -0.009 min
Response: 3027711
Conc: 21.81 ug/ml



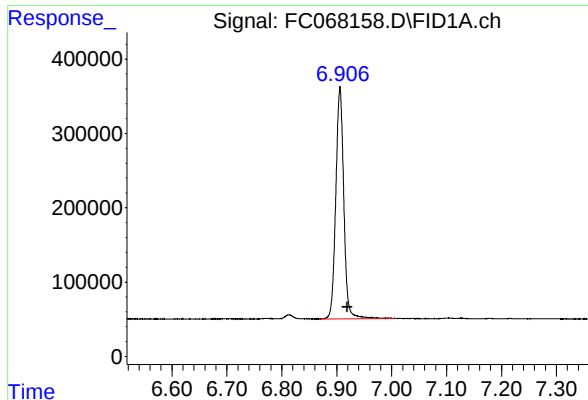
#3 A~Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.011 min
Response: 3287300
Conc: 21.90 ug/ml



#4 n-Dodecane (C12)

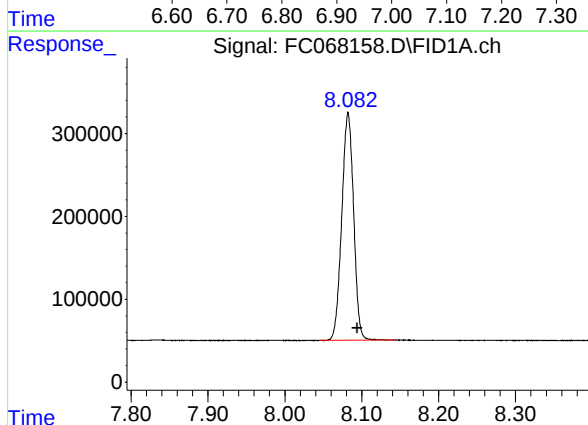
R.T.: 6.294 min
Delta R.T.: -0.011 min
Response: 3023372
Conc: 21.64 ug/ml



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

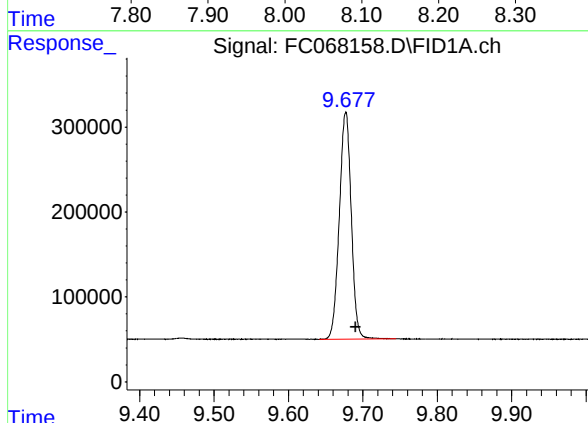
R.T.: 6.906 min
Delta R.T.: -0.013 min
Response: 3158990
Conc: 21.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



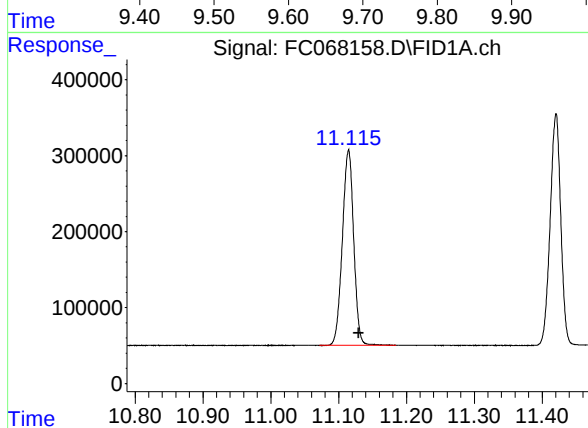
#6 n-Tetradecane (C14)

R.T.: 8.082 min
Delta R.T.: -0.012 min
Response: 2941255
Conc: 21.55 ug/ml



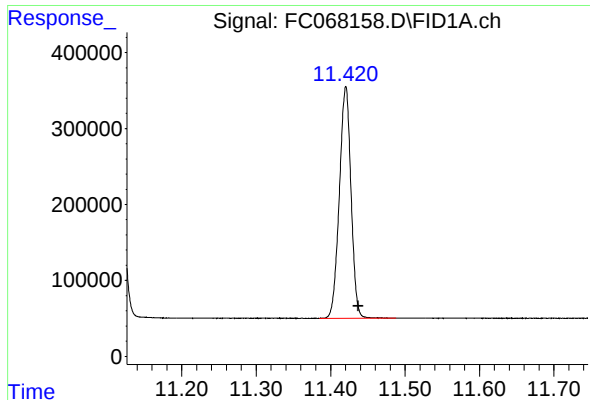
#7 n-Hexadecane (C16)

R.T.: 9.677 min
Delta R.T.: -0.013 min
Response: 2986047
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

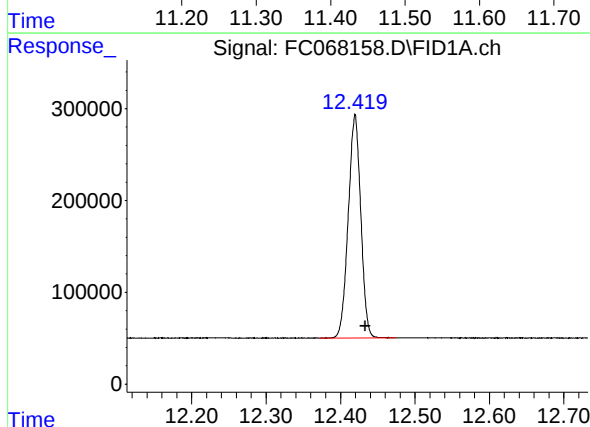
R.T.: 11.114 min
Delta R.T.: -0.015 min
Response: 2989496
Conc: 21.37 ug/ml



#9 ortho-Terphenyl (SURR)

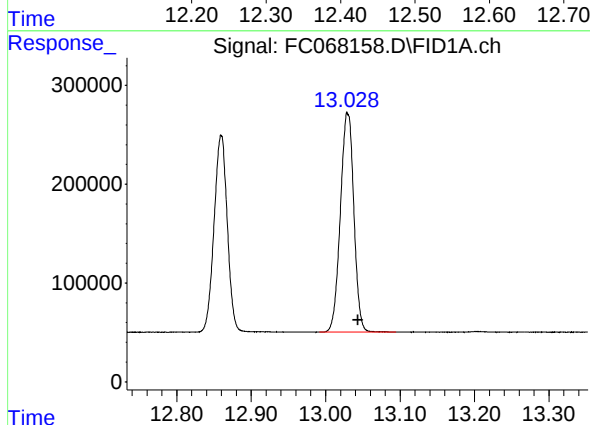
R.T.: 11.420 min
Delta R.T.: -0.017 min
Response: 3320332
Conc: 21.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



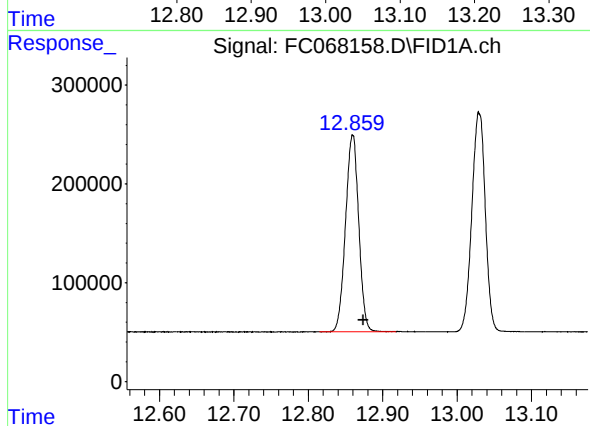
#10 n-Eicosane (C20)

R.T.: 12.419 min
Delta R.T.: -0.014 min
Response: 2848375
Conc: 21.29 ug/ml



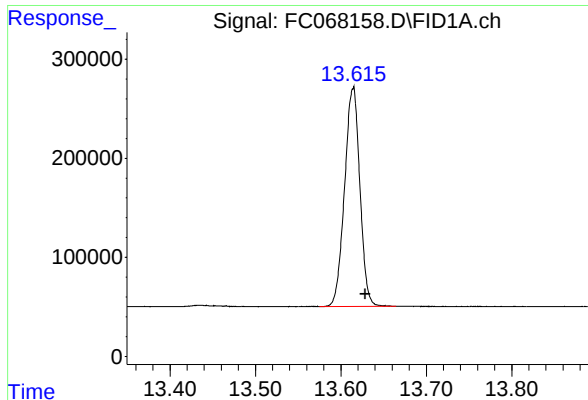
#11 n-Heneicosane (C21)

R.T.: 13.030 min
Delta R.T.: -0.014 min
Response: 2791283
Conc: 21.25 ug/ml



#12 1-chlorooctadecane (SURR)

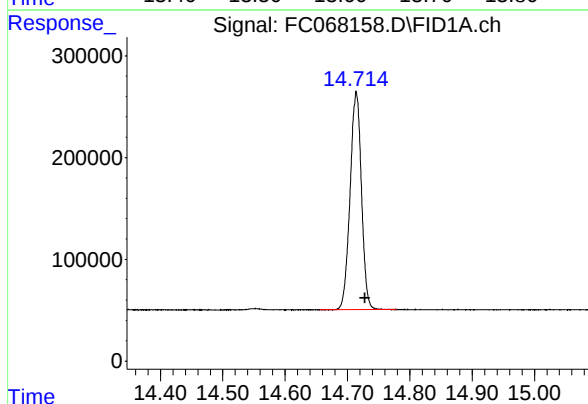
R.T.: 12.860 min
Delta R.T.: -0.014 min
Response: 2455435
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

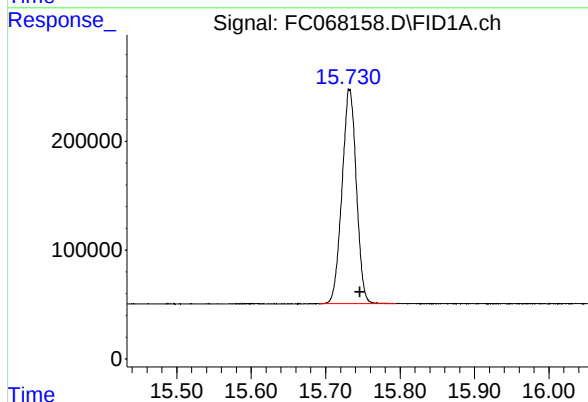
R.T.: 13.614 min
Delta R.T.: -0.014 min
Response: 2753245
Conc: 21.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



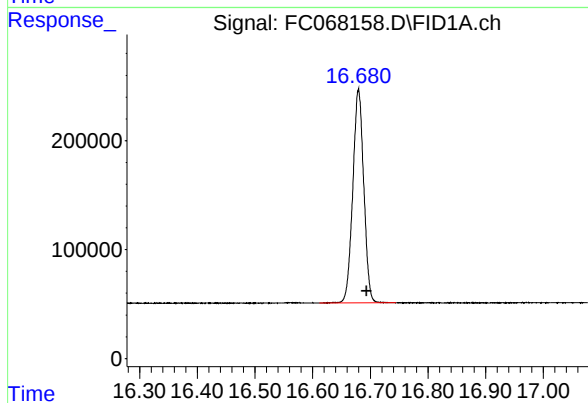
#14 n-Tetracosane (C24)

R.T.: 14.714 min
Delta R.T.: -0.014 min
Response: 2713545
Conc: 21.14 ug/ml



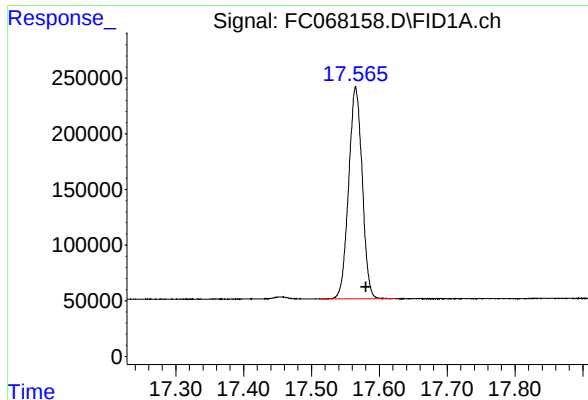
#15 n-Hexacosane (C26)

R.T.: 15.732 min
Delta R.T.: -0.014 min
Response: 2645519
Conc: 21.02 ug/ml



#16 n-Octacosane (C28)

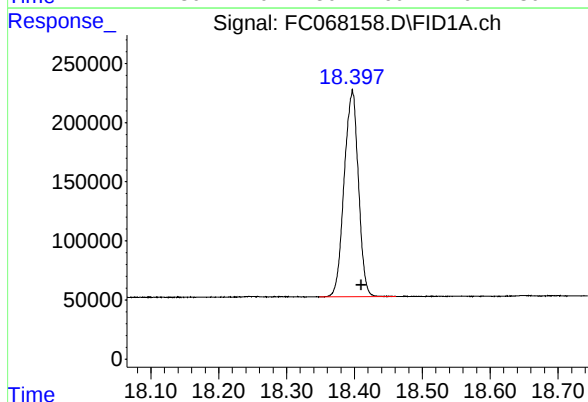
R.T.: 16.680 min
Delta R.T.: -0.014 min
Response: 2592788
Conc: 20.73 ug/ml



#17 n-Tricontane (C30)

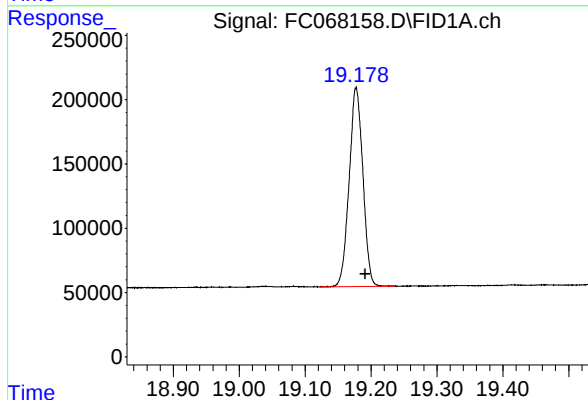
R.T.: 17.565 min
Delta R.T.: -0.015 min
Response: 2636375
Conc: 20.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



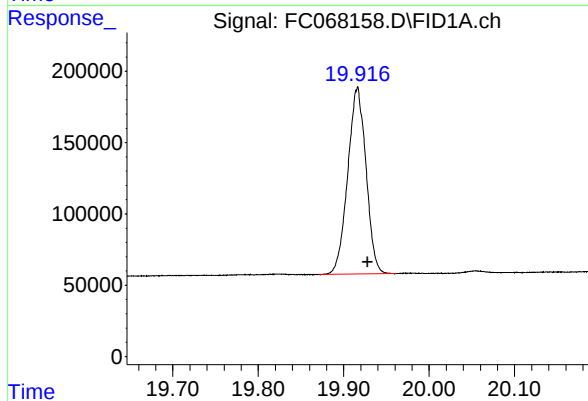
#18 n-Dotriacontane (C32)

R.T.: 18.397 min
Delta R.T.: -0.014 min
Response: 2542761
Conc: 20.34 ug/ml



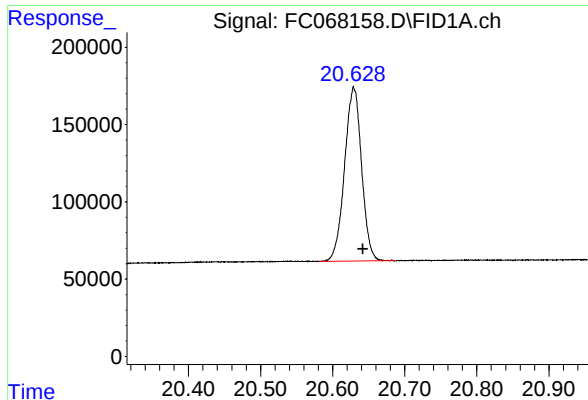
#19 n-Tetatriacontane (C34)

R.T.: 19.178 min
Delta R.T.: -0.013 min
Response: 2240505
Conc: 20.65 ug/ml



#20 n-Hexatriacontane (C36)

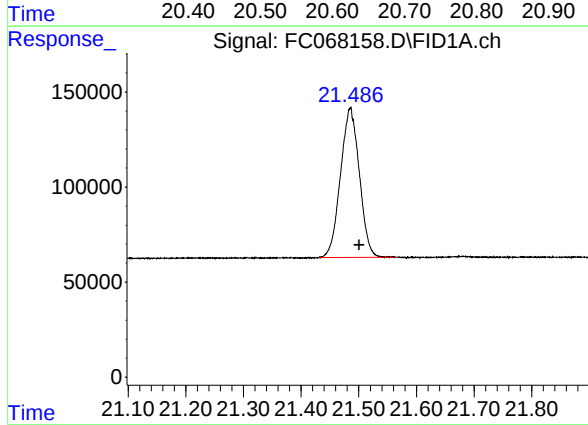
R.T.: 19.916 min
Delta R.T.: -0.012 min
Response: 1943799
Conc: 21.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.629 min
Delta R.T.: -0.013 min
Response: 1843711
Conc: 21.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.485 min
Delta R.T.: -0.016 min
Response: 1786014
Conc: 22.09 ug/ml