

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092921AL\
 Data File : FC055895.D
 Signal(s) : FID1A.CH
 Acq On : 29 Sep 2021 17:28
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 30 01:20:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:19:00 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.647	1164964	9.992 ug/ml
Spiked Amount 50.000		Recovery =	19.98%
12) S 1-chlorooctadecane (S...	13.081	900655	9.964 ug/ml
Spiked Amount 50.000		Recovery =	19.93%
Target Compounds			
1) T n-Nonane (C9)	3.401	1051261	9.923 ug/ml
2) T n-Decane (C10)	4.471	1050164	9.862 ug/ml
3) T A~Naphthalene (C11.7)	6.063	1179183	9.883 ug/ml
4) T n-Dodecane (C12)	6.490	1068173	9.929 ug/ml
5) T A~2-methylnaphthalene...	7.120	1190309	9.967 ug/ml
6) T n-Tetradecane (C14)	8.284	1083150	9.951 ug/ml
7) T n-Hexadecane (C16)	9.884	1085710	9.975 ug/ml
8) T n-Octadecane (C18)	11.326	1101808	10.018 ug/ml
10) T n-Eicosane (C20)	12.635	1076360	10.040 ug/ml
11) T n-Heneicosane (C21)	13.247	1076132	10.051 ug/ml
13) T n-Docosane (C22)	13.833	1054887	10.049 ug/ml
14) T n-Tetracosane (C24)	14.935	1037770	10.063 ug/ml
15) T n-Hexacosane (C26)	15.954	996761	10.053 ug/ml
16) T n-Octacosane (C28)	16.904	956377	9.992 ug/ml
17) T n-Tricontane (C30)	17.790	913107	9.955 ug/ml
18) T n-Dotriacontane (C32)	18.621	878453	10.018 ug/ml
19) T n-Tetratriacontane (C34)	19.402	843043	9.889 ug/ml
20) T n-Hexatriacontane (C36)	20.141	776382	9.735 ug/ml
21) T n-Octatriacontane (C38)	20.885	734099	9.579 ug/ml
22) T n-Tetracontane (C40)	21.814	726801	9.667 ug/ml

(f)=RT Delta > 1/2 Window

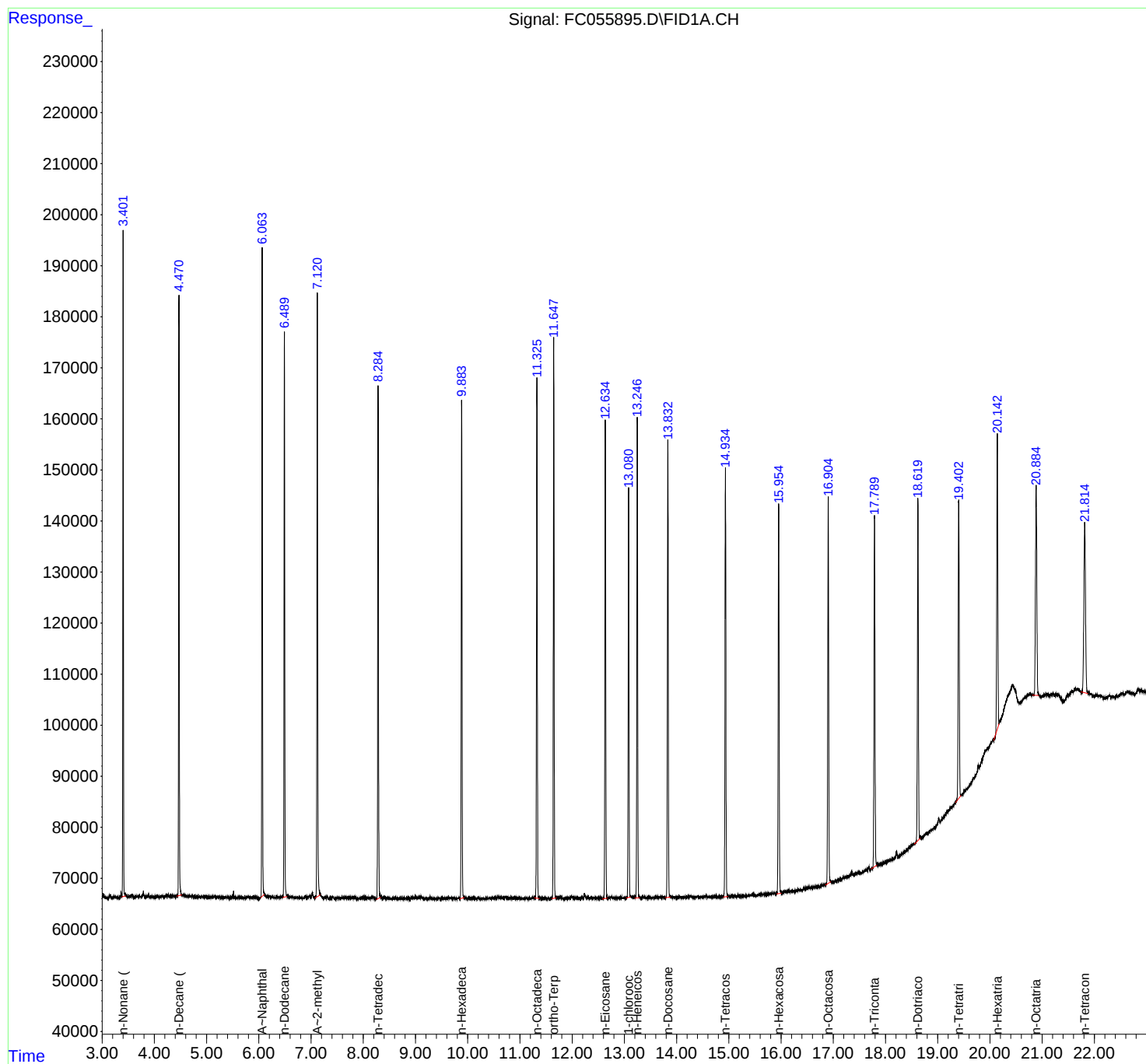
(m)=manual int.

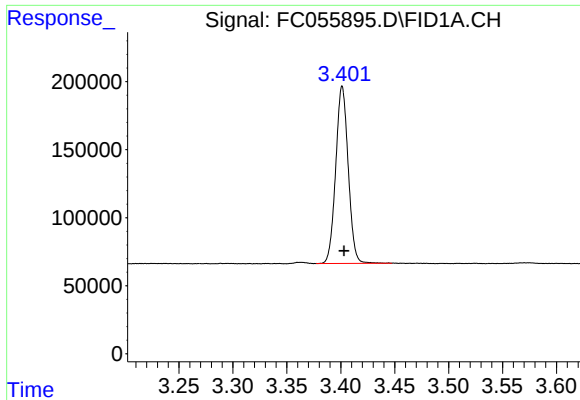
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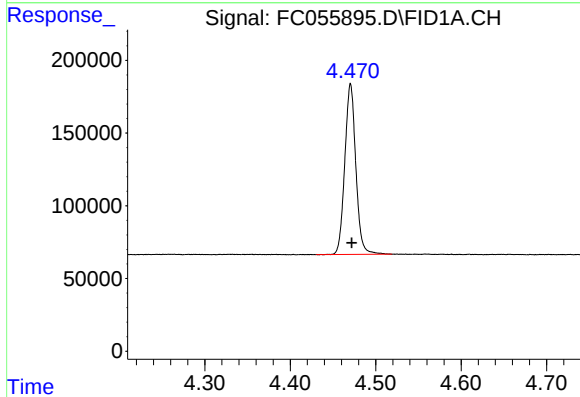




#1 n-Nonane (C9)

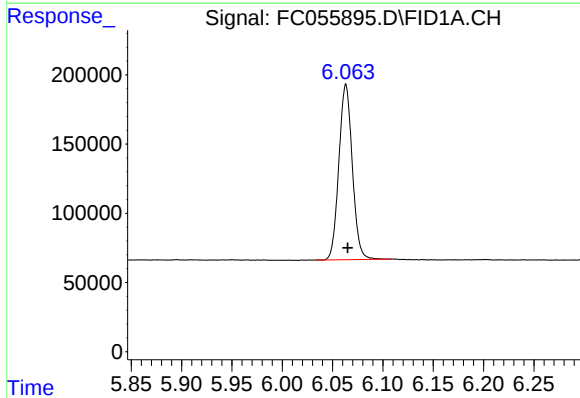
R.T.: 3.401 min
Delta R.T.: -0.002 min
Response: 1051261
Conc: 9.92 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



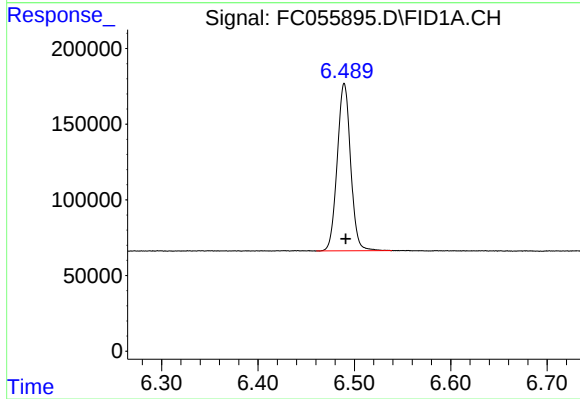
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.001 min
Response: 1050164
Conc: 9.86 ug/ml



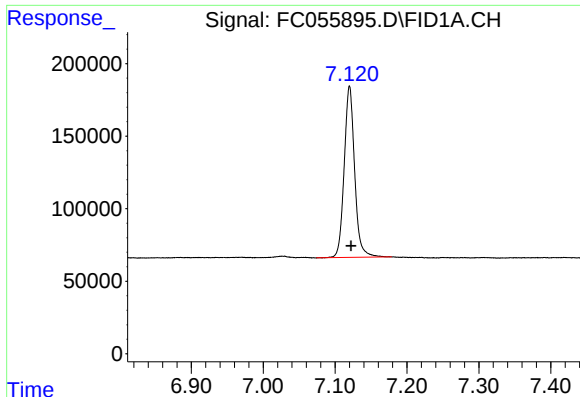
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: -0.002 min
Response: 1179183
Conc: 9.88 ug/ml



#4 n-Dodecane (C12)

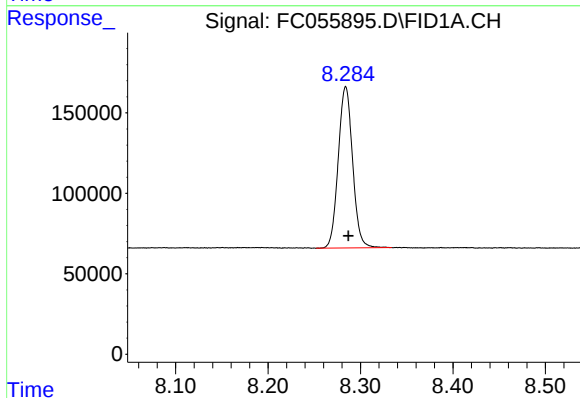
R.T.: 6.490 min
Delta R.T.: -0.002 min
Response: 1068173
Conc: 9.93 ug/ml



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

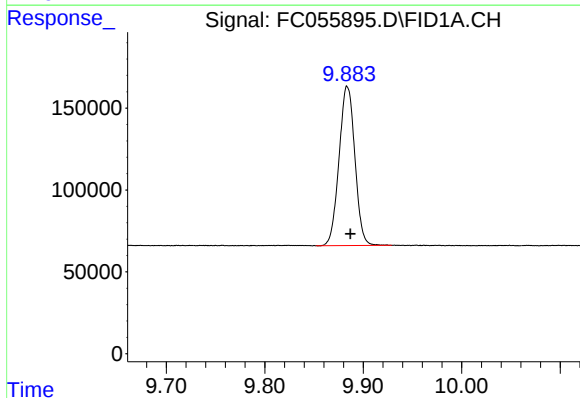
R.T.: 7.120 min
Delta R.T.: -0.002 min
Response: 1190309
Conc: 9.97 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



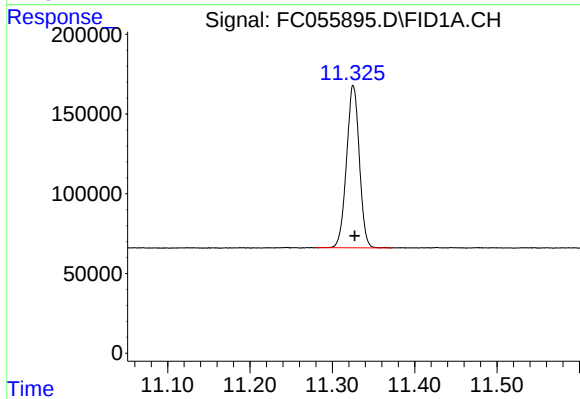
#6 n-Tetradecane (C14)

R.T.: 8.284 min
Delta R.T.: -0.003 min
Response: 1083150
Conc: 9.95 ug/ml



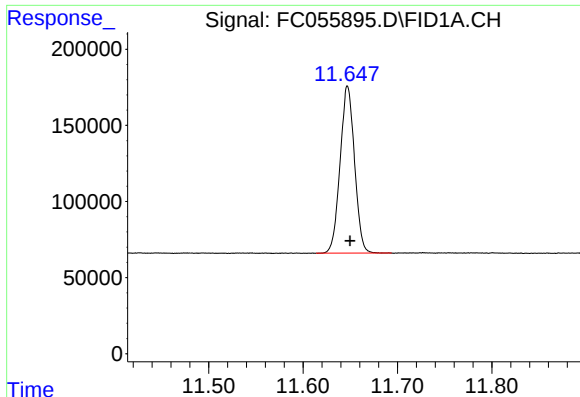
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: -0.003 min
Response: 1085710
Conc: 9.97 ug/ml



#8 n-Octadecane (C18)

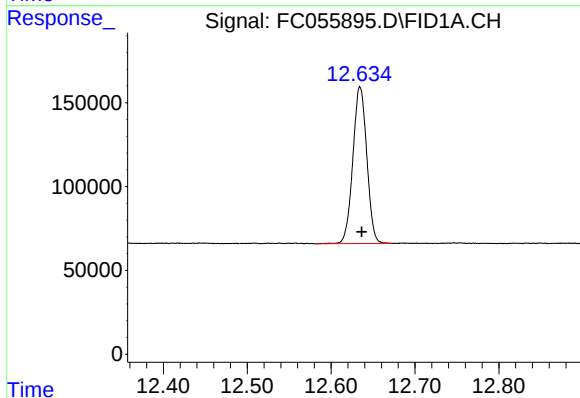
R.T.: 11.326 min
Delta R.T.: -0.002 min
Response: 1101808
Conc: 10.02 ug/ml



#9 ortho-Terphenyl (SURR)

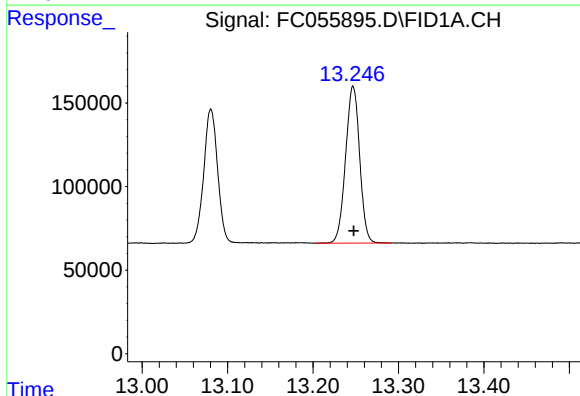
R.T.: 11.647 min
Delta R.T.: -0.003 min
Response: 1164964
Conc: 9.99 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



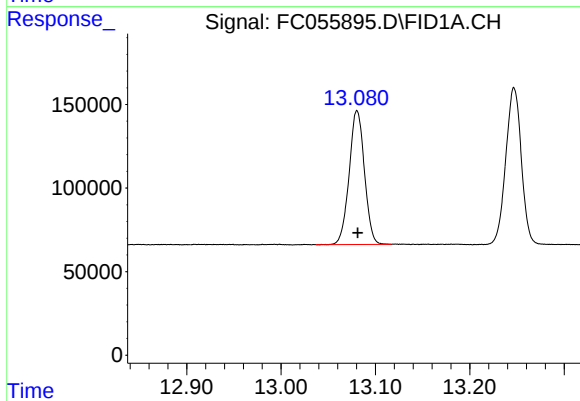
#10 n-Eicosane (C20)

R.T.: 12.635 min
Delta R.T.: -0.002 min
Response: 1076360
Conc: 10.04 ug/ml



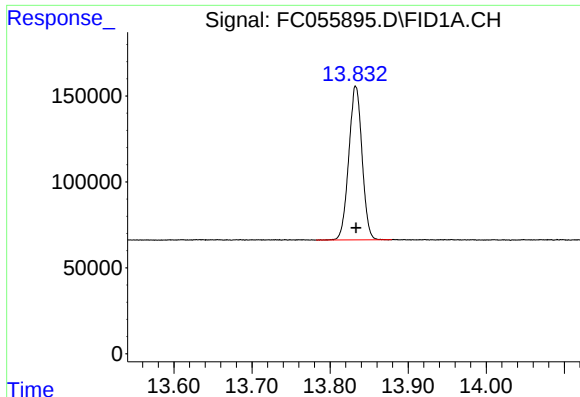
#11 n-Heneicosane (C21)

R.T.: 13.247 min
Delta R.T.: 0.000 min
Response: 1076132
Conc: 10.05 ug/ml



#12 1-chlorooctadecane (SURR)

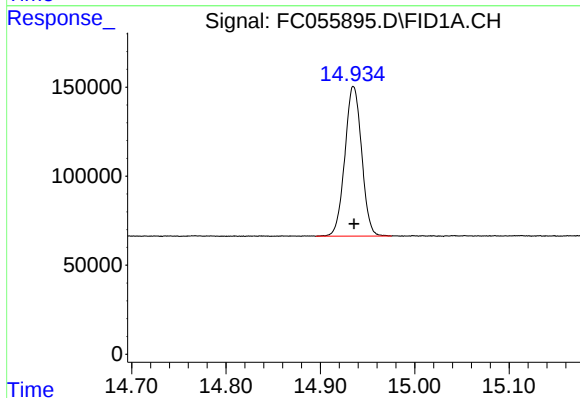
R.T.: 13.081 min
Delta R.T.: 0.000 min
Response: 900655
Conc: 9.96 ug/ml



#13 n-Docosane (C22)

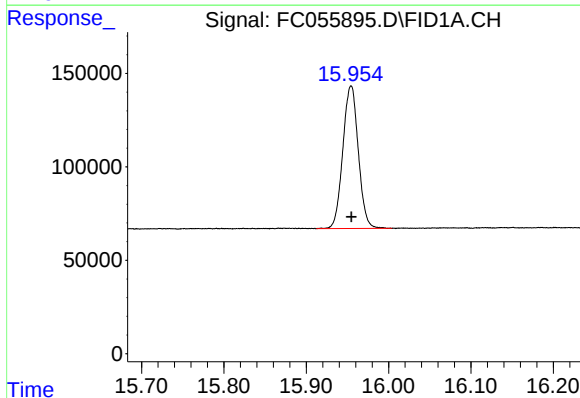
R.T.: 13.833 min
Delta R.T.: 0.000 min
Response: 1054887
Conc: 10.05 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



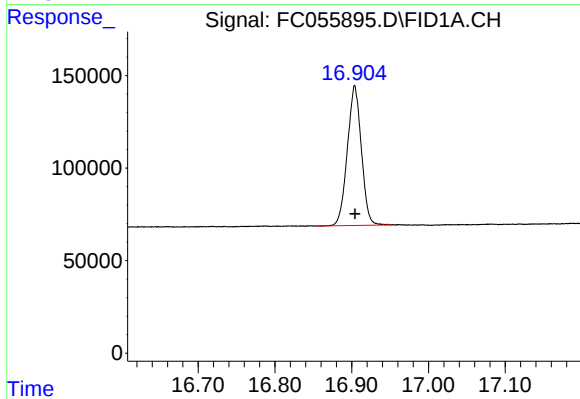
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: 0.000 min
Response: 1037770
Conc: 10.06 ug/ml



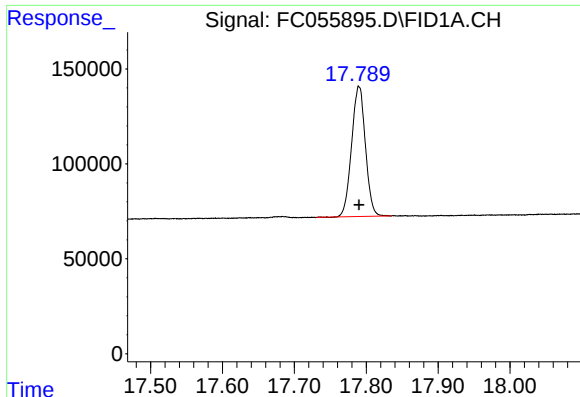
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: 0.000 min
Response: 996761
Conc: 10.05 ug/ml



#16 n-Octacosane (C28)

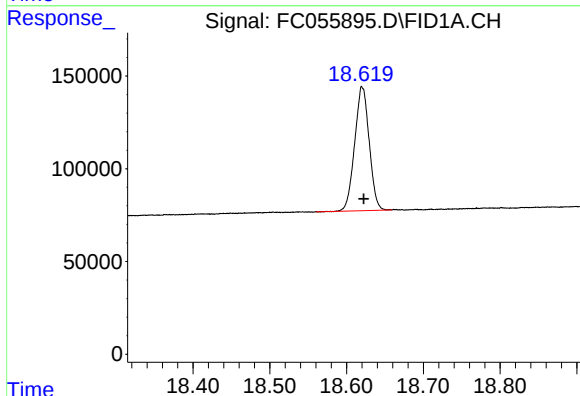
R.T.: 16.904 min
Delta R.T.: 0.000 min
Response: 956377
Conc: 9.99 ug/ml



#17 n-Tricontane (C30)

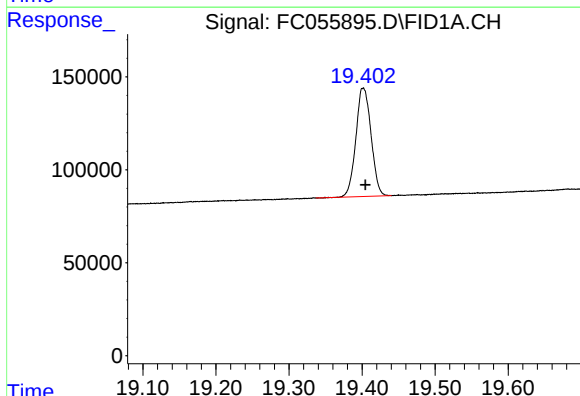
R.T.: 17.790 min
Delta R.T.: 0.000 min
Response: 913107
Conc: 9.95 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



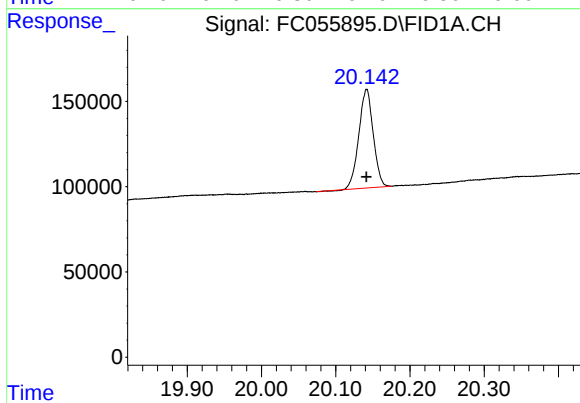
#18 n-Dotriacontane (C32)

R.T.: 18.621 min
Delta R.T.: -0.002 min
Response: 878453
Conc: 10.02 ug/ml



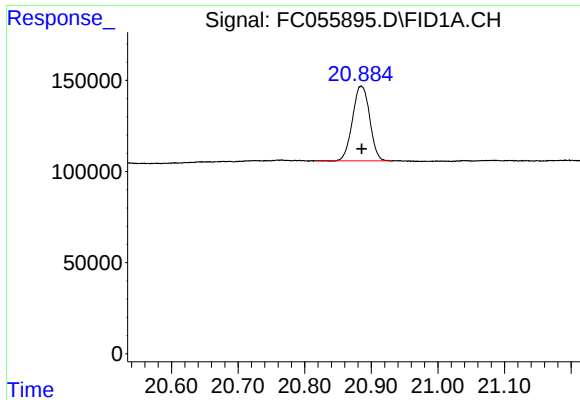
#19 n-Tetratriacontane (C34)

R.T.: 19.402 min
Delta R.T.: -0.003 min
Response: 843043
Conc: 9.89 ug/ml



#20 n-Hexatriacontane (C36)

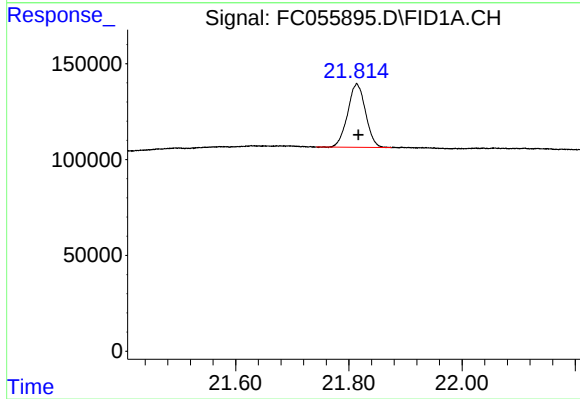
R.T.: 20.141 min
Delta R.T.: 0.000 min
Response: 776382
Conc: 9.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.885 min
Delta R.T.: 0.000 min
Response: 734099
Conc: 9.58 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.814 min
Delta R.T.: -0.003 min
Response: 726801
Conc: 9.67 ug/ml