

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092921AL\
 Data File : FC055896.D
 Signal(s) : FID1A.CH
 Acq On : 29 Sep 2021 18:08
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 30 01:21:19 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	622954	5.343 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
12) S 1-chlorooctadecane (S...	13.080	484520	5.360 ug/ml
Spiked Amount 50.000		Recovery =	10.72%
Target Compounds			
1) T n-Nonane (C9)	3.399	542509	5.121 ug/ml
2) T n-Decane (C10)	4.469	533931	5.014 ug/ml
3) T A~Naphthalene (C11.7)	6.062	609221	5.106 ug/ml
4) T n-Dodecane (C12)	6.488	551511	5.127 ug/ml
5) T A~2-methylnaphthalene...	7.118	615709	5.156 ug/ml
6) T n-Tetradecane (C14)	8.283	571897	5.254 ug/ml
7) T n-Hexadecane (C16)	9.884	576986	5.301 ug/ml
8) T n-Octadecane (C18)	11.325	588410	5.350 ug/ml
10) T n-Eicosane (C20)	12.634	579427	5.405 ug/ml
11) T n-Heneicosane (C21)	13.246	569212	5.317 ug/ml
13) T n-Docosane (C22)	13.832	562959	5.363 ug/ml
14) T n-Tetracosane (C24)	14.934	547122	5.305 ug/ml
15) T n-Hexacosane (C26)	15.954	527196	5.317 ug/ml
16) T n-Octacosane (C28)	16.903	503420	5.260 ug/ml
17) T n-Tricontane (C30)	17.789	489477	5.336 ug/ml
18) T n-Dotriacontane (C32)	18.620	473003	5.394 ug/ml
19) T n-Tetratriacontane (C34)	19.401	458088	5.373 ug/ml
20) T n-Hexatriacontane (C36)	20.139	433017	5.430 ug/ml
21) T n-Octatriacontane (C38)	20.885	444418	5.799 ug/ml
22) T n-Tetracontane (C40)	21.813	447166	5.947 ug/ml

(f)=RT Delta > 1/2 Window

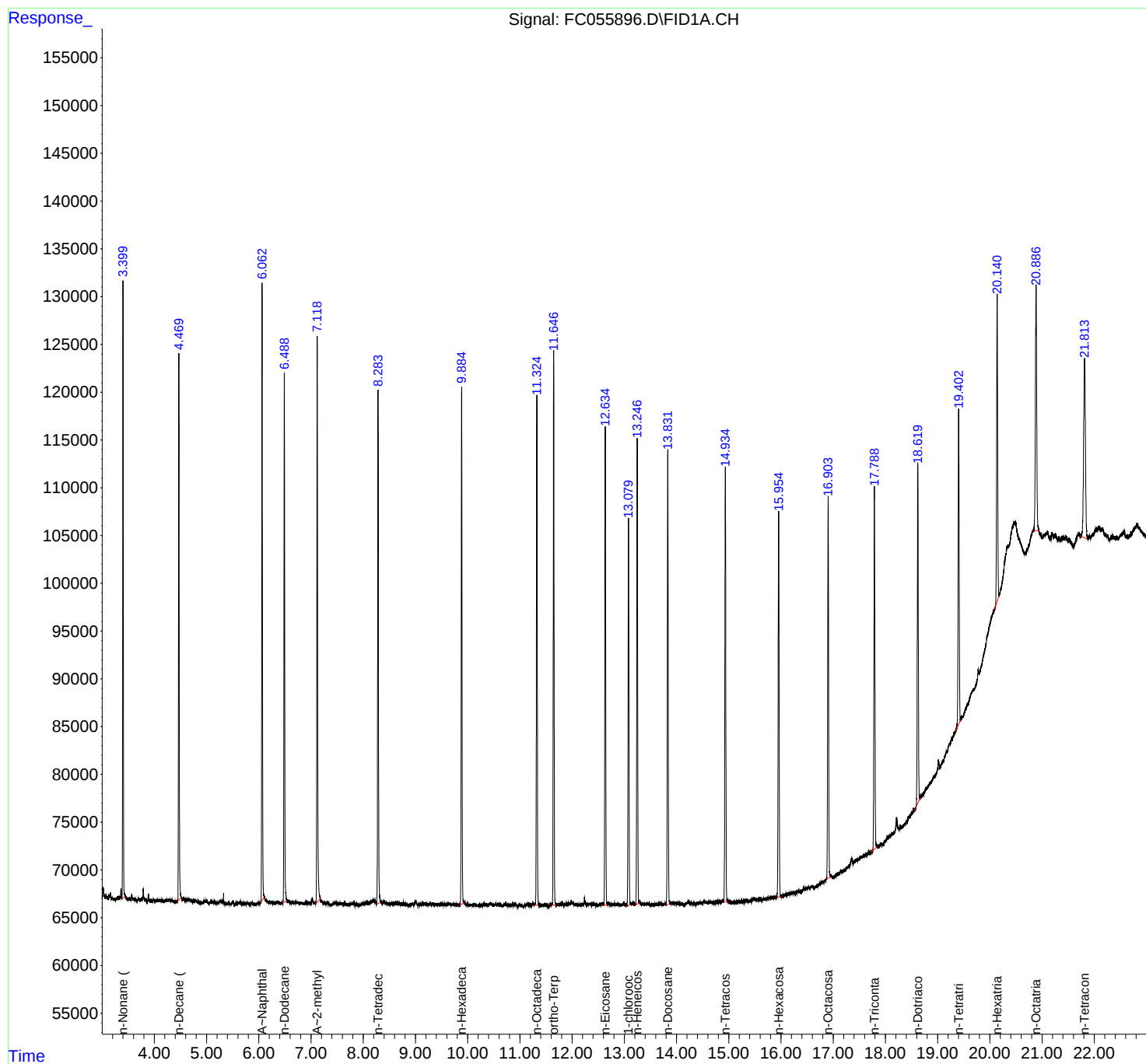
(m)=manual int.

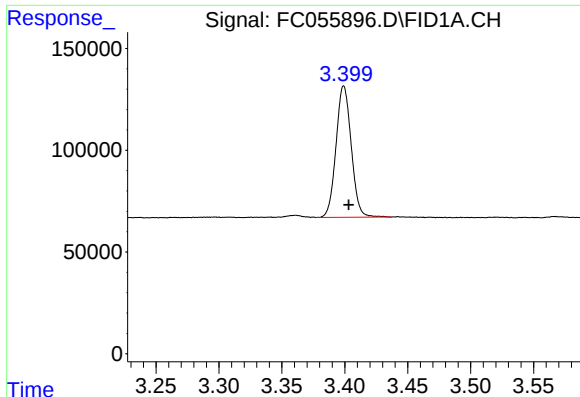
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092921AL\
Data File : FC055896.D
Signal(s) : FID1A.CH
Acq On : 29 Sep 2021 18:08
Operator : AJ\MA
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Sep 30 01:21:19 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

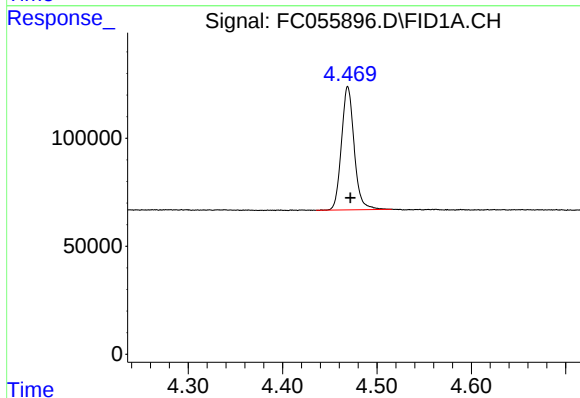




#1 n-Nonane (C9)

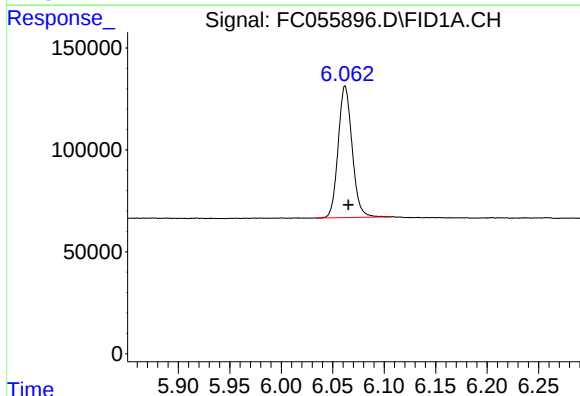
R.T.: 3.399 min
Delta R.T.: -0.004 min
Response: 542509
Conc: 5.12 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



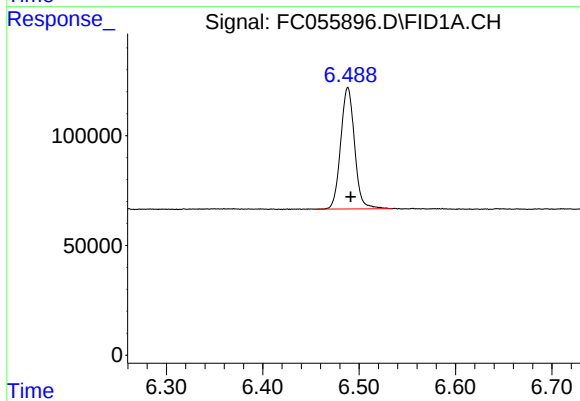
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.003 min
Response: 533931
Conc: 5.01 ug/ml



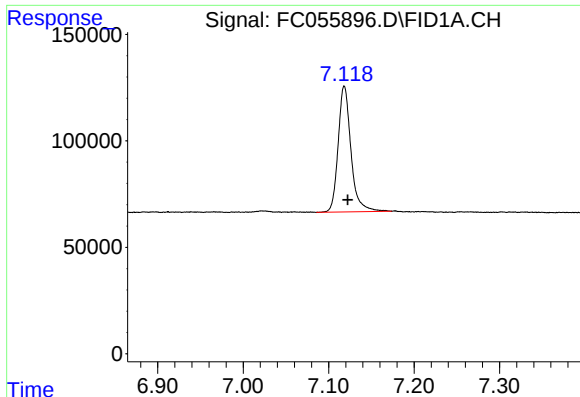
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: -0.003 min
Response: 609221
Conc: 5.11 ug/ml



#4 n-Dodecane (C12)

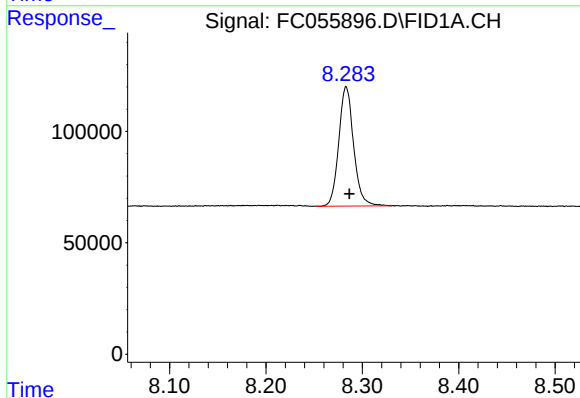
R.T.: 6.488 min
Delta R.T.: -0.003 min
Response: 551511
Conc: 5.13 ug/ml



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

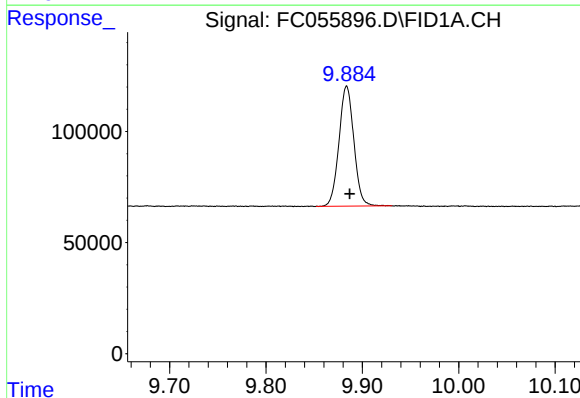
R.T.: 7.118 min
Delta R.T.: -0.004 min
Response: 615709
Conc: 5.16 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



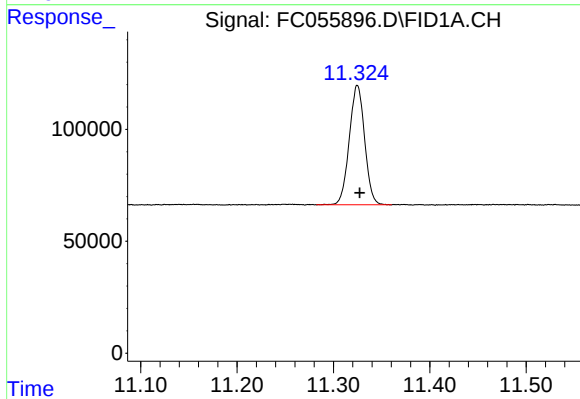
#6 n-Tetradecane (C14)

R.T.: 8.283 min
Delta R.T.: -0.003 min
Response: 571897
Conc: 5.25 ug/ml



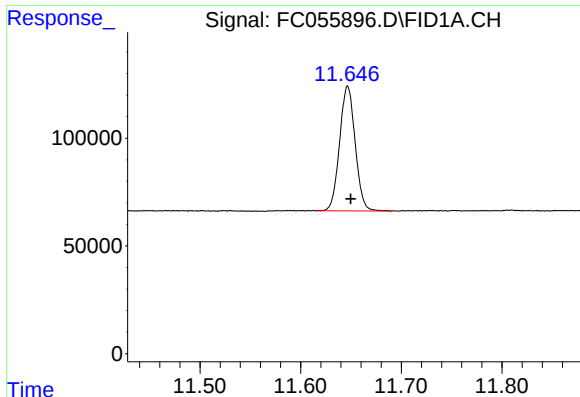
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: -0.003 min
Response: 576986
Conc: 5.30 ug/ml



#8 n-Octadecane (C18)

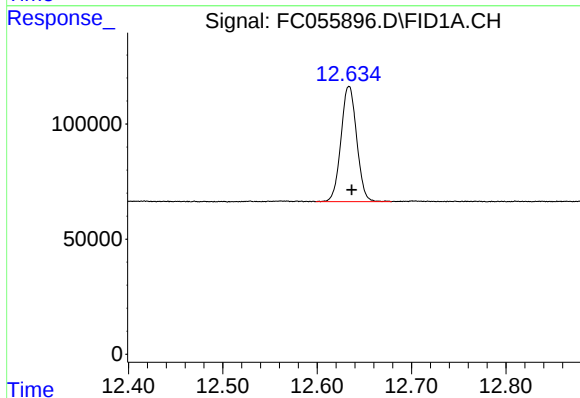
R.T.: 11.325 min
Delta R.T.: -0.002 min
Response: 588410
Conc: 5.35 ug/ml



#9 ortho-Terphenyl (SURR)

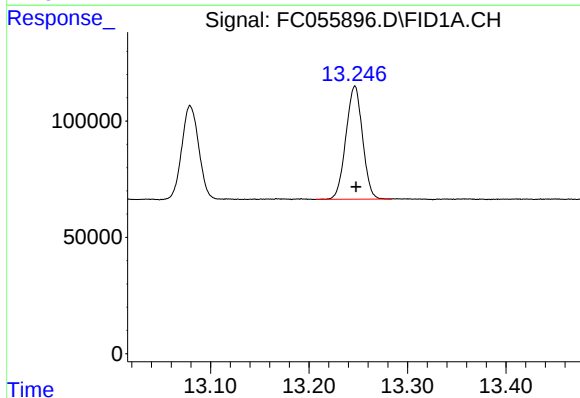
R.T.: 11.647 min
Delta R.T.: -0.003 min
Response: 622954
Conc: 5.34 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



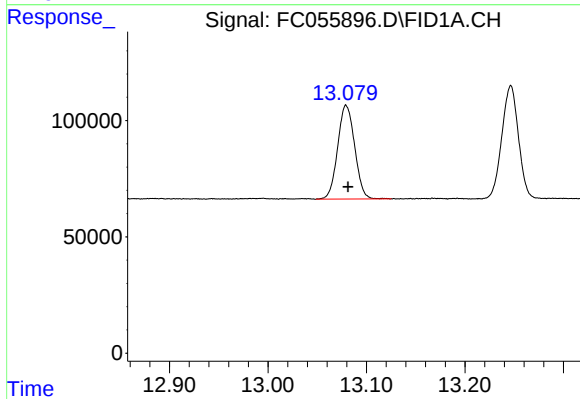
#10 n-Eicosane (C20)

R.T.: 12.634 min
Delta R.T.: -0.003 min
Response: 579427
Conc: 5.40 ug/ml



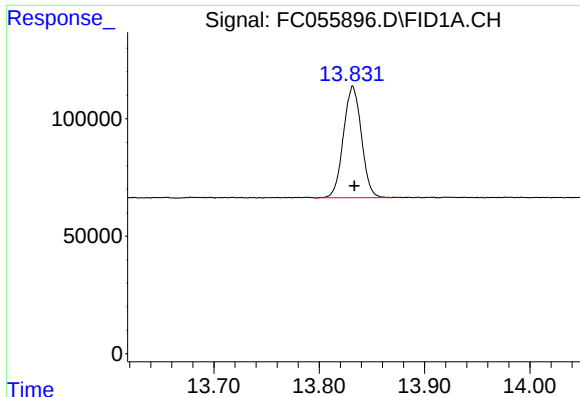
#11 n-Heneicosane (C21)

R.T.: 13.246 min
Delta R.T.: -0.001 min
Response: 569212
Conc: 5.32 ug/ml



#12 1-chlorooctadecane (SURR)

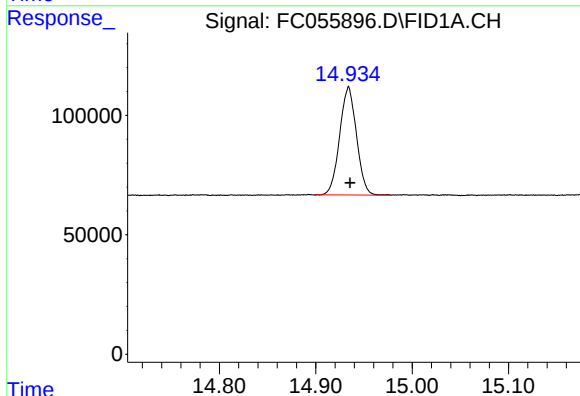
R.T.: 13.080 min
Delta R.T.: -0.002 min
Response: 484520
Conc: 5.36 ug/ml



#13 n-Docosane (C22)

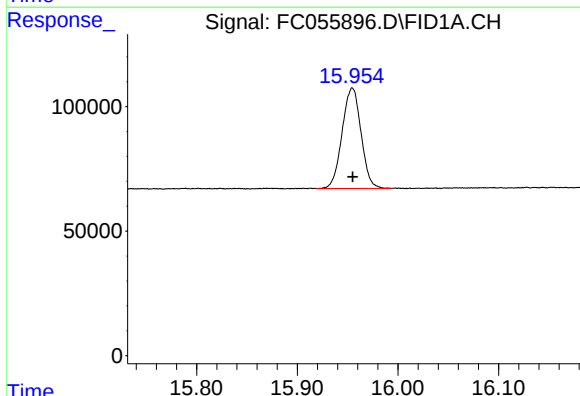
R.T.: 13.832 min
Delta R.T.: -0.002 min
Response: 562959
Conc: 5.36 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



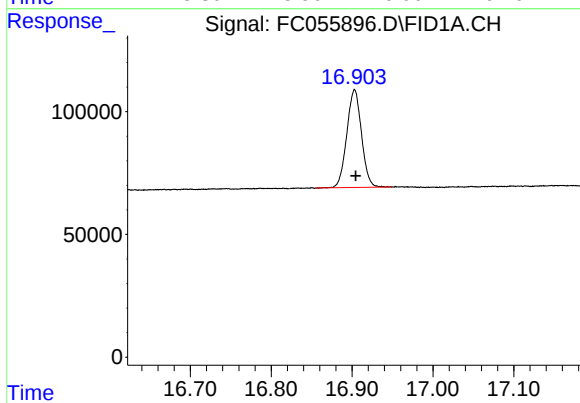
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.002 min
Response: 547122
Conc: 5.31 ug/ml



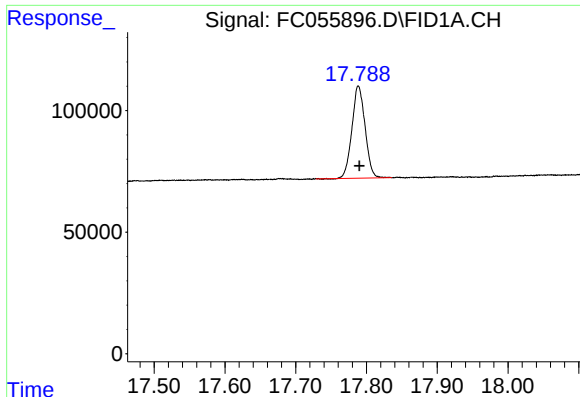
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: 0.000 min
Response: 527196
Conc: 5.32 ug/ml



#16 n-Octacosane (C28)

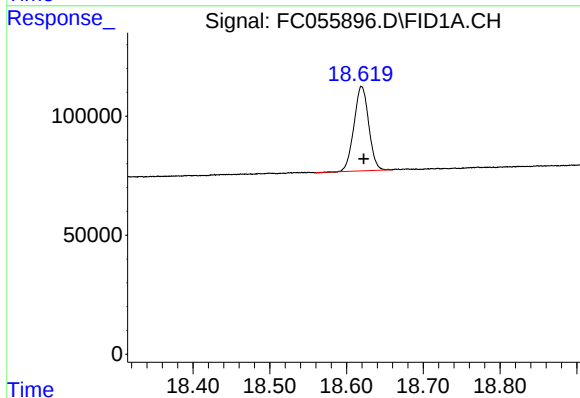
R.T.: 16.903 min
Delta R.T.: -0.001 min
Response: 503420
Conc: 5.26 ug/ml



#17 n-Tricontane (C30)

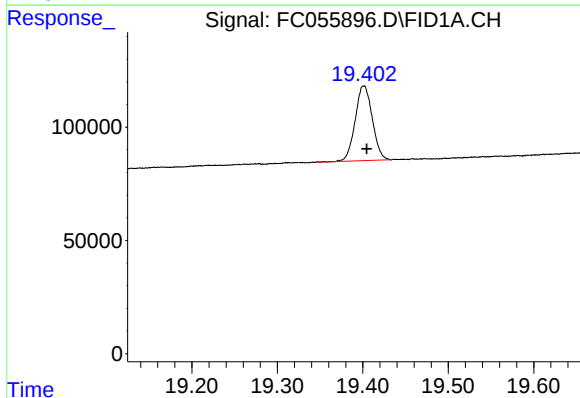
R.T.: 17.789 min
Delta R.T.: -0.001 min
Response: 489477
Conc: 5.34 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



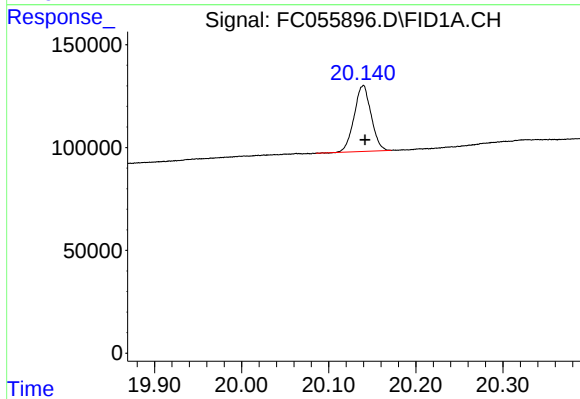
#18 n-Dotriacontane (C32)

R.T.: 18.620 min
Delta R.T.: -0.003 min
Response: 473003
Conc: 5.39 ug/ml



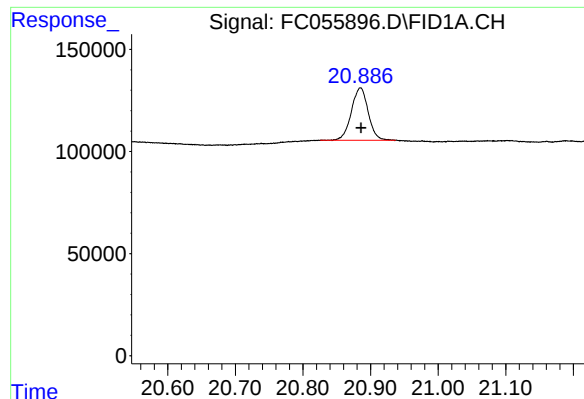
#19 n-Tetratriacontane (C34)

R.T.: 19.401 min
Delta R.T.: -0.003 min
Response: 458088
Conc: 5.37 ug/ml



#20 n-Hexatriacontane (C36)

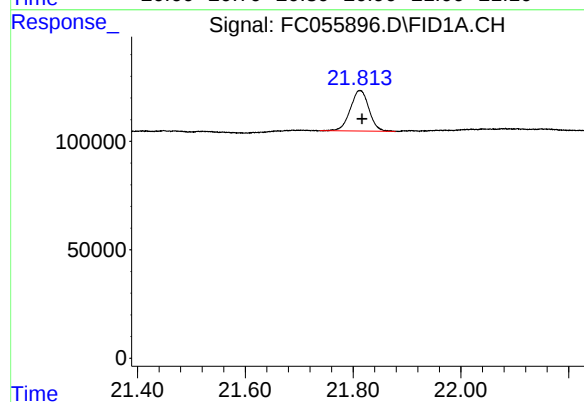
R.T.: 20.139 min
Delta R.T.: -0.002 min
Response: 433017
Conc: 5.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.885 min
Delta R.T.: 0.000 min
Response: 444418
Conc: 5.80 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.813 min
Delta R.T.: -0.004 min
Response: 447166
Conc: 5.95 ug/ml