

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030223AL\
 Data File : FC063079.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2023 08:15
 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: Mar 03 08:44:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 2023
 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)	11.532	2335835	17.996 ug/ml
Spiked Amount 50.000		Recovery =	35.99%
12) S 1-chlorooctadecane (S...	12.970	1776945	18.216 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
Target Compounds			
1) T n-Nonane (C9)	3.293	2100609	17.718 ug/ml
2) T n-Decane (C10)	4.361	2074492	17.990 ug/ml
3) T A~Naphthalene (C11.7)	5.945	2301731	17.998 ug/ml
4) T n-Dodecane (C12)	6.381	2080032	18.013 ug/ml
5) T A~2-methylnaphthalene...	7.003	2142769	18.205 ug/ml
6) T n-Tetradecane (C14)	8.177	2045150	18.096 ug/ml
7) T n-Hexadecane (C16)	9.778	2093043	18.195 ug/ml
8) T n-Octadecane (C18)	11.220	2132461	18.308 ug/ml
10) T n-Eicosane (C20)	12.528	2095916	18.394 ug/ml
11) T n-Heneicosane (C21)	13.138	2087637	18.318 ug/ml
13) T n-Docosane (C22)	13.724	2114667	18.750 ug/ml
14) T n-Tetracosane (C24)	14.825	2173137	19.392 ug/ml
15) T n-Hexacosane (C26)	15.845	2261016	20.445 ug/ml
16) T n-Octacosane (C28)	16.793	2365779	21.501 ug/ml
17) T n-Tricontane (C30)	17.679	2521787	22.900 ug/ml
18) T n-Dotriacontane (C32)	18.509	2563772	22.972 ug/ml
19) T n-Tetratriacontane (C34)	19.292	2407314	21.539 ug/ml
20) T n-Hexatriacontane (C36)	20.030	2170283	19.993 ug/ml
21) T n-Octatriacontane (C38)	20.756	2087132	19.207 ug/ml
22) T n-Tetracontane (C40)	21.654	2061272	18.947 ug/ml

(f)=RT Delta > 1/2 Window

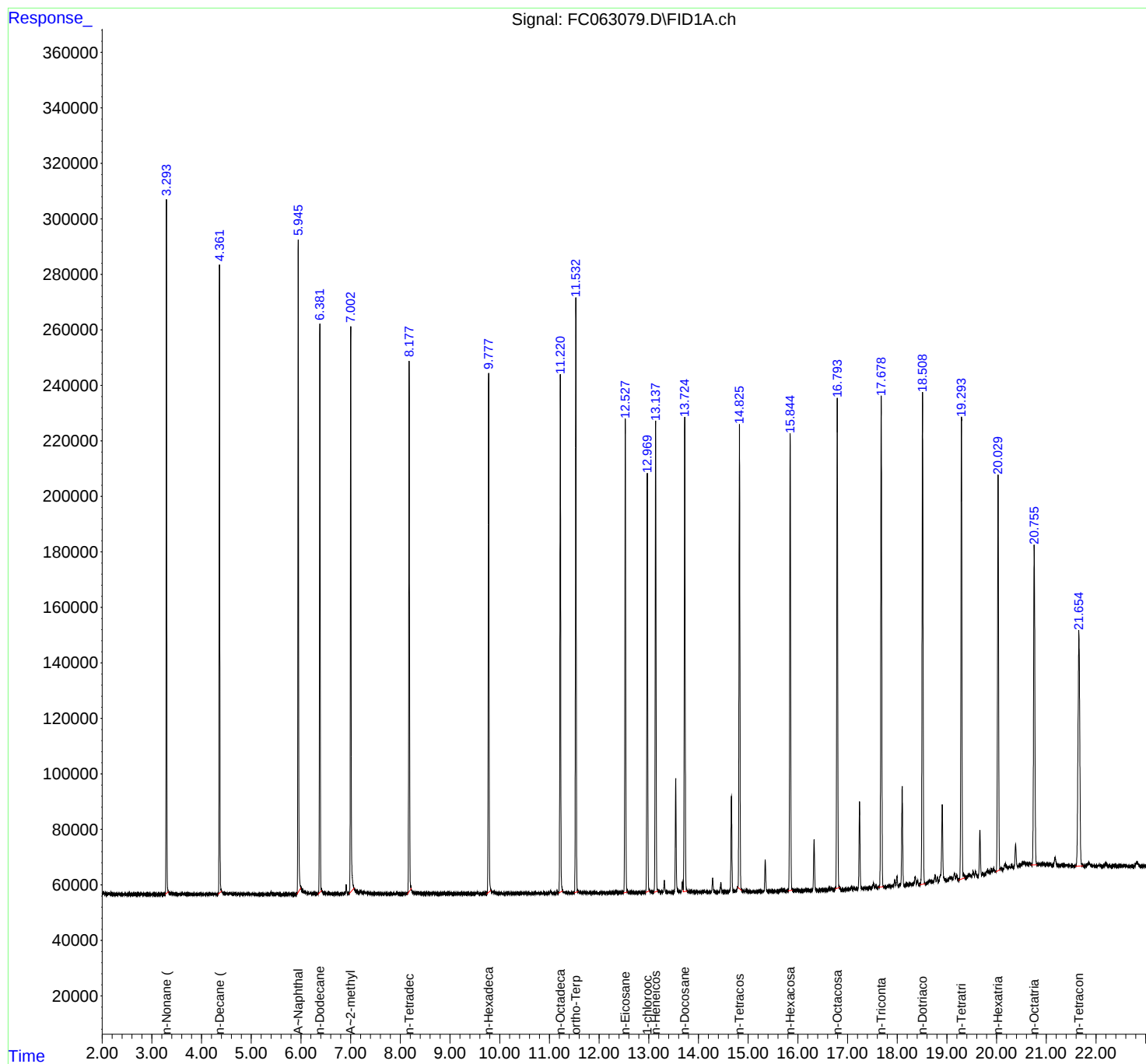
(m)=manual int.

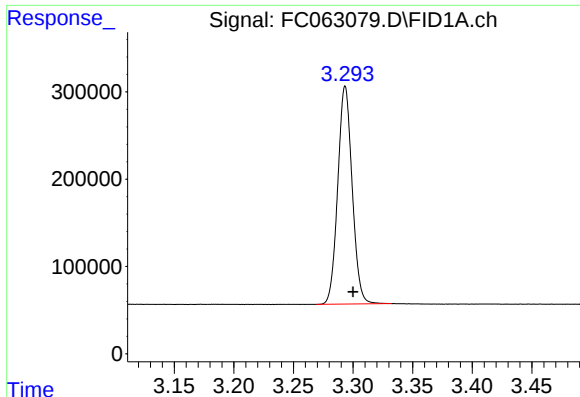
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030223AL\
Data File : FC063079.D
Signal(s) : FID1A.ch
Acq On : 03 Mar 2023 08:15
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Mar 03 08:44:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
Quant Title : GC Extractables
QLast Update : Wed Feb 22 04:36:00 2023
Response via : Initial Calibration
Integrator: ChemStation

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

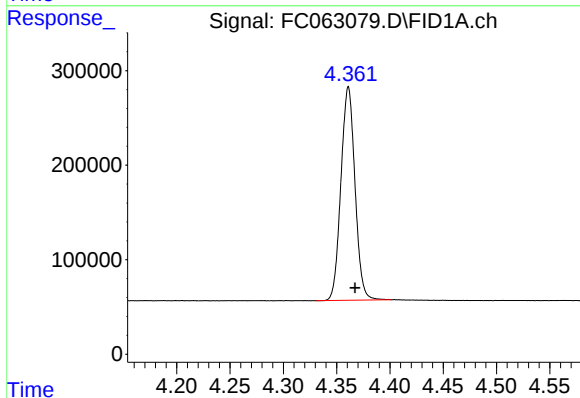




#1 n-Nonane (C9)

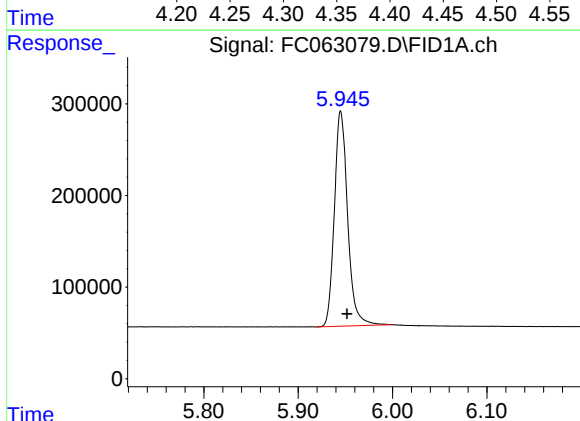
R.T.: 3.293 min
Delta R.T.: -0.007 min
Response: 2100609
Conc: 17.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



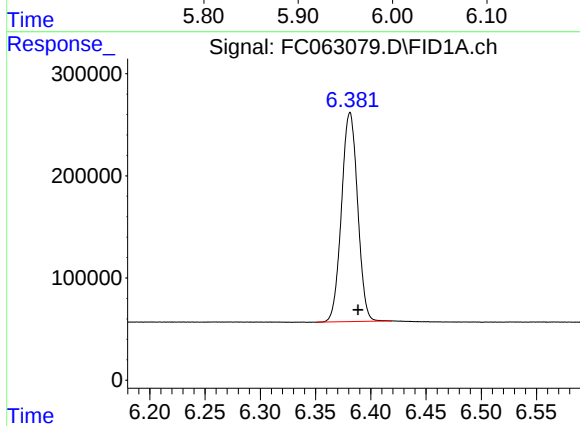
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.006 min
Response: 2074492
Conc: 17.99 ug/ml



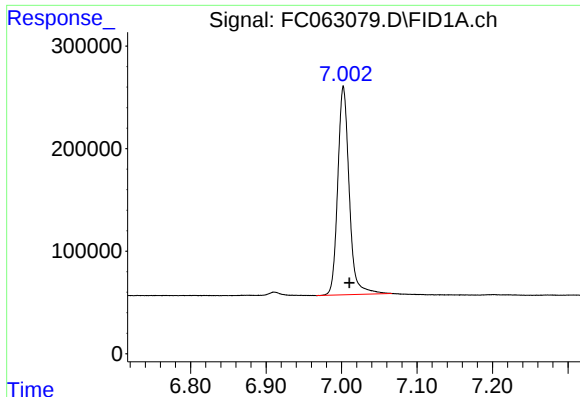
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 2301731
Conc: 18.00 ug/ml



#4 n-Dodecane (C12)

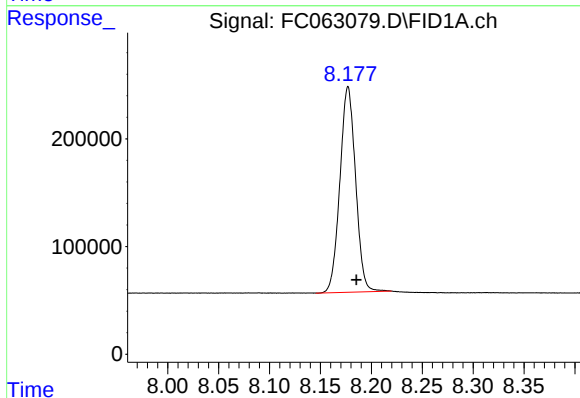
R.T.: 6.381 min
Delta R.T.: -0.007 min
Response: 2080032
Conc: 18.01 ug/ml



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

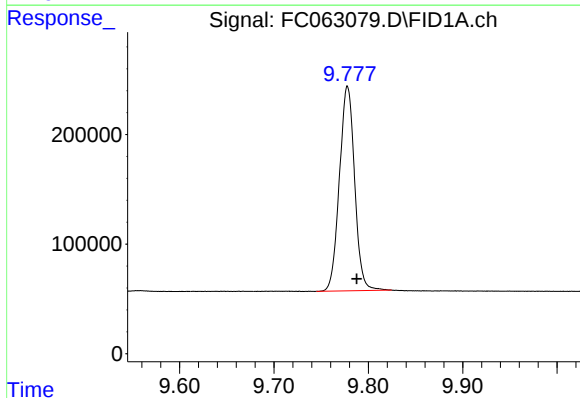
R.T.: 7.003 min
Delta R.T.: -0.008 min
Response: 2142769
Conc: 18.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



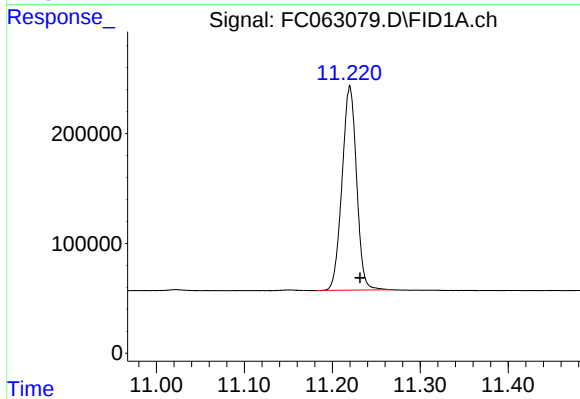
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.008 min
Response: 2045150
Conc: 18.10 ug/ml



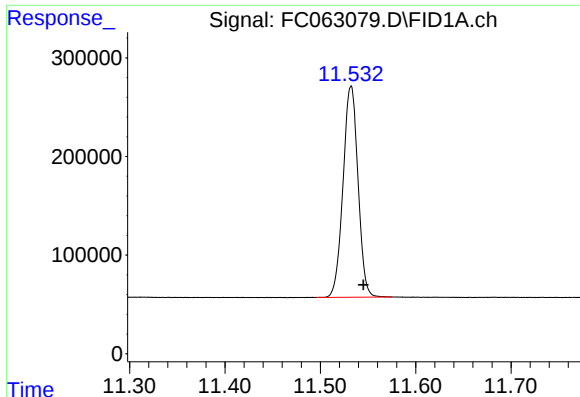
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.010 min
Response: 2093043
Conc: 18.19 ug/ml



#8 n-Octadecane (C18)

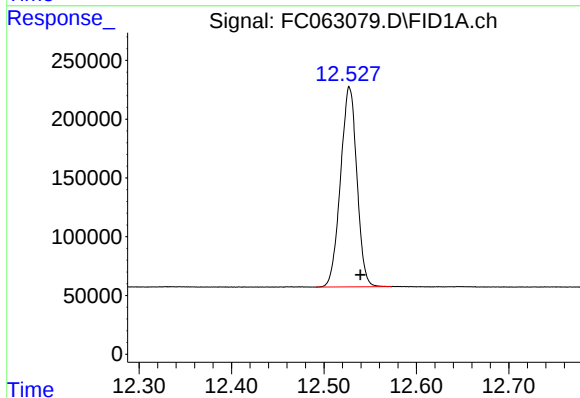
R.T.: 11.220 min
Delta R.T.: -0.011 min
Response: 2132461
Conc: 18.31 ug/ml



#9 ortho-Terphenyl (SURR)

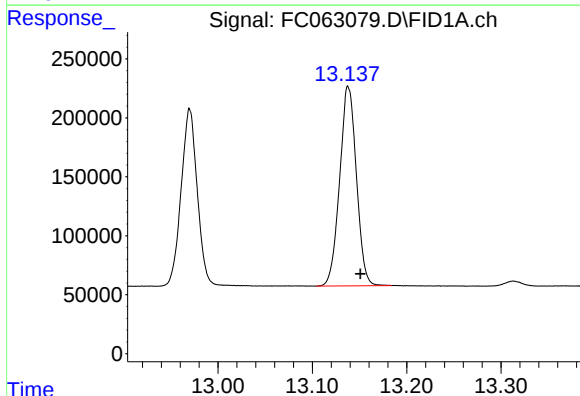
R.T.: 11.532 min
Delta R.T.: -0.013 min
Response: 2335835
Conc: 18.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



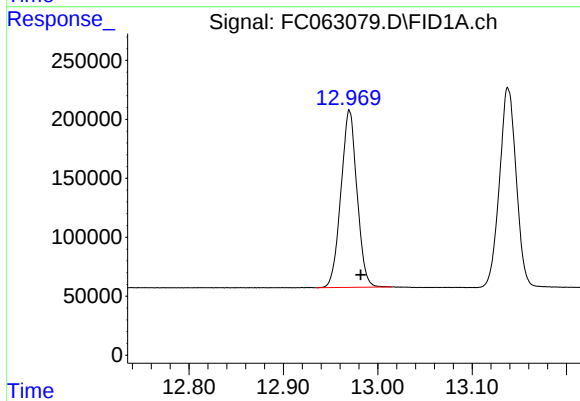
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.012 min
Response: 2095916
Conc: 18.39 ug/ml



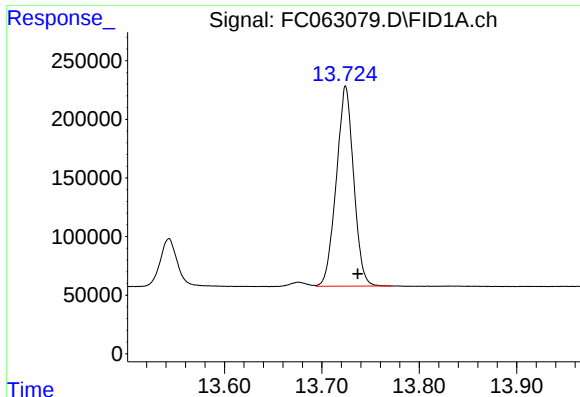
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.013 min
Response: 2087637
Conc: 18.32 ug/ml



#12 1-chlorooctadecane (SURR)

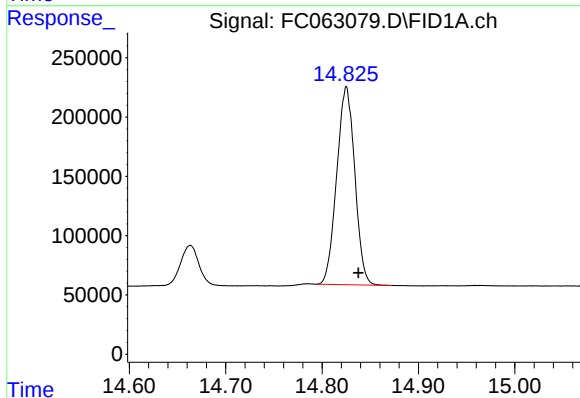
R.T.: 12.970 min
Delta R.T.: -0.012 min
Response: 1776945
Conc: 18.22 ug/ml



#13 n-Docosane (C22)

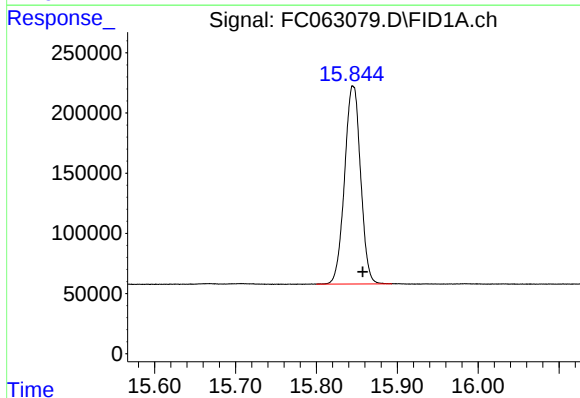
R.T.: 13.724 min
Delta R.T.: -0.013 min
Response: 2114667
Conc: 18.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



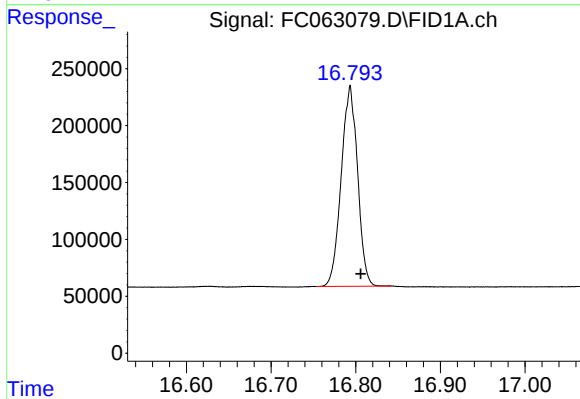
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: -0.012 min
Response: 2173137
Conc: 19.39 ug/ml



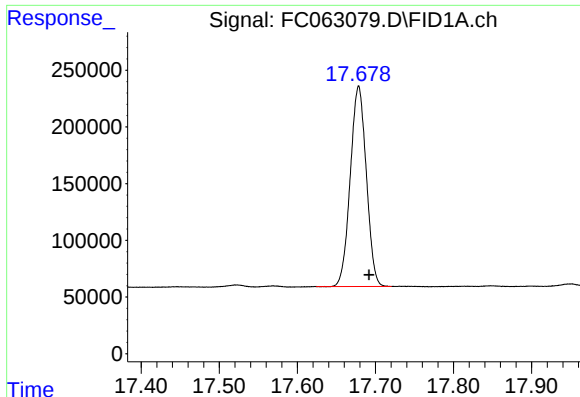
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: -0.012 min
Response: 2261016
Conc: 20.45 ug/ml



#16 n-Octacosane (C28)

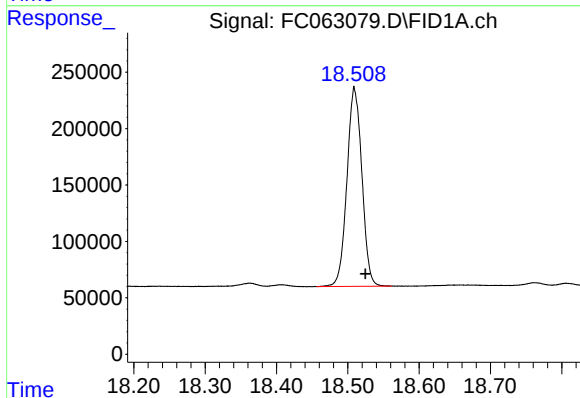
R.T.: 16.793 min
Delta R.T.: -0.013 min
Response: 2365779
Conc: 21.50 ug/ml



#17 n-Tricontane (C30)

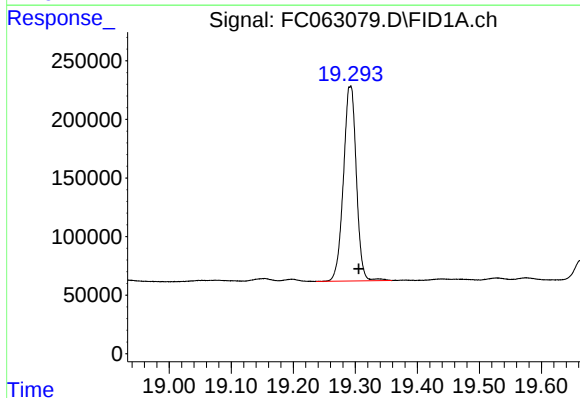
R.T.: 17.679 min
Delta R.T.: -0.013 min
Response: 2521787
Conc: 22.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



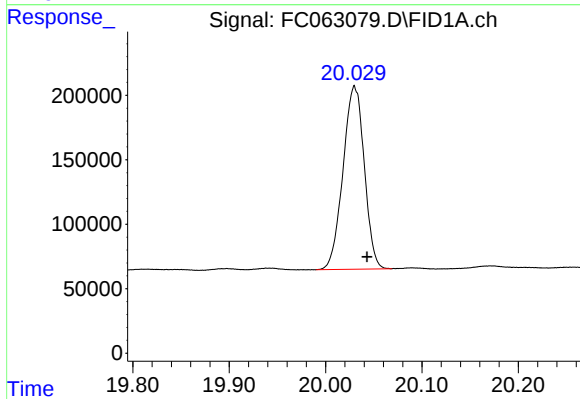
#18 n-Dotriacontane (C32)

R.T.: 18.509 min
Delta R.T.: -0.016 min
Response: 2563772
Conc: 22.97 ug/ml



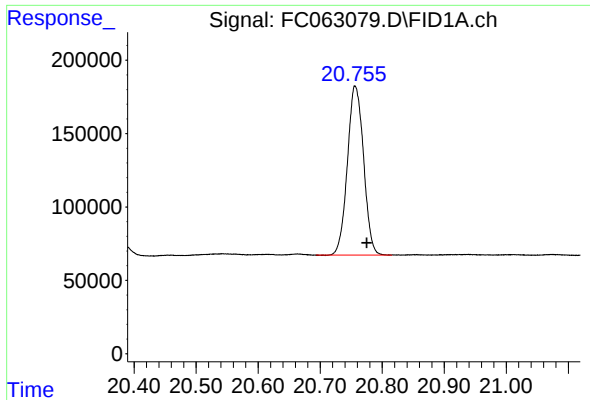
#19 n-Tetratriacontane (C34)

R.T.: 19.292 min
Delta R.T.: -0.013 min
Response: 2407314
Conc: 21.54 ug/ml



#20 n-Hexatriacontane (C36)

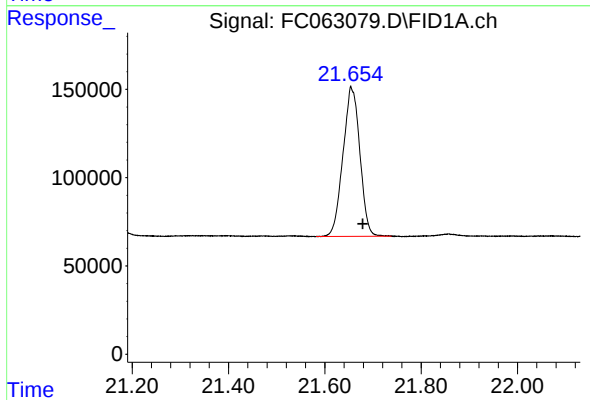
R.T.: 20.030 min
Delta R.T.: -0.013 min
Response: 2170283
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: -0.019 min
Response: 2087132
Conc: 19.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.654 min
Delta R.T.: -0.025 min
Response: 2061272
Conc: 18.95 ug/ml