

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081622AL\
 Data File : FC061138.D
 Signal(s) : FID1A.ch
 Acq On : 16 Aug 2022 12:26
 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: Aug 17 05:07:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 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)	10.633	2770032	16.879 ug/ml
Spiked Amount 50.000		Recovery =	33.76%
12) S 1-chlorooctadecane (S...	11.993	2238075	16.859 ug/ml
Spiked Amount 50.000		Recovery =	33.72%
Target Compounds			
1) T n-Nonane (C9)	2.635	2489452	17.676 ug/ml
2) T n-Decane (C10)	3.629	2536130	17.978 ug/ml
3) T A~Naphthalene (C11.7)	5.180	2646189	18.616 ug/ml
4) T n-Dodecane (C12)	5.571	2673877	18.040 ug/ml
5) T A~2-methylnaphthalene...	6.205	2540138	18.521 ug/ml
6) T n-Tetradecane (C14)	7.317	2698914	17.977 ug/ml
7) T n-Hexadecane (C16)	8.875	2728373	17.828 ug/ml
8) T n-Octadecane (C18)	10.281	2742828	17.565 ug/ml
10) T n-Eicosane (C20)	11.557	2716252	17.309 ug/ml
11) T n-Heneicosane (C21)	12.153	2681171	17.135 ug/ml
13) T n-Docosane (C22)	12.725	2653443	17.018 ug/ml
14) T n-Tetracosane (C24)	13.801	2549509	16.700 ug/ml
15) T n-Hexacosane (C26)	14.796	2446040	16.387 ug/ml
16) T n-Octacosane (C28)	15.721	2371291	16.549 ug/ml
17) T n-Tricontane (C30)	16.586	2444436	17.460 ug/ml
18) T n-Dotriacontane (C32)	17.397	2479068	18.369 ug/ml
19) T n-Tetratriacontane (C34)	18.160	2410967	19.223 ug/ml
20) T n-Hexatriacontane (C36)	18.880	2422078	19.815 ug/ml
21) T n-Octatriacontane (C38)	19.563	2368612	20.069 ug/ml
22) T n-Tetracontane (C40)	20.207	2309826	20.069 ug/ml

(f)=RT Delta > 1/2 Window

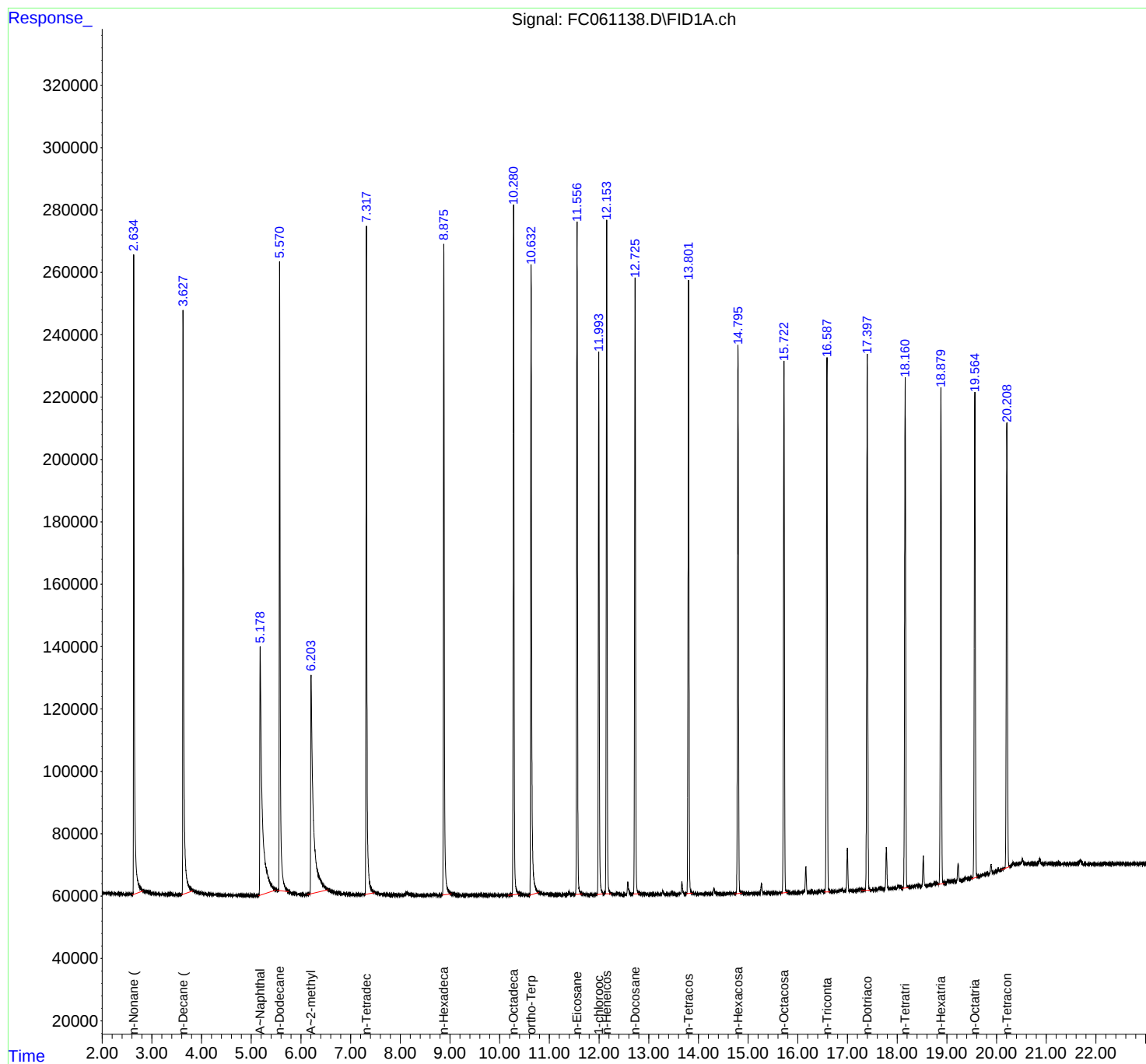
(m)=manual int.

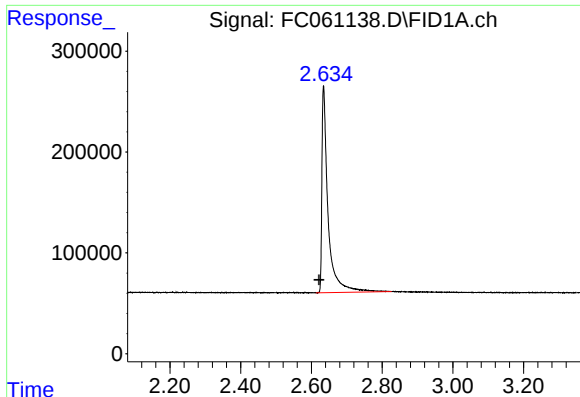
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081622AL\
Data File : FC061138.D
Signal(s) : FID1A.ch
Acq On : 16 Aug 2022 12:26
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Aug 17 05:07:26 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
Quant Title : GC Extractables
QLast Update : Mon Jul 25 19:40:54 2022
Response via : Initial Calibration
Integrator: ChemStation

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

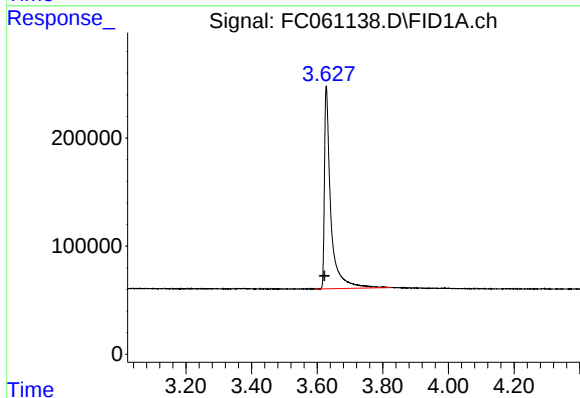




#1 n-Nonane (C9)

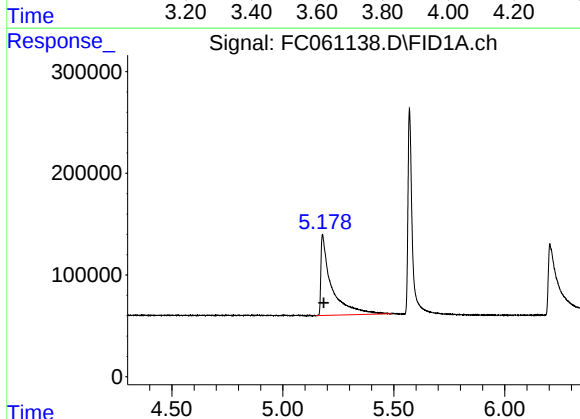
R.T.: 2.635 min
Delta R.T.: 0.013 min
Response: 2489452
Conc: 17.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



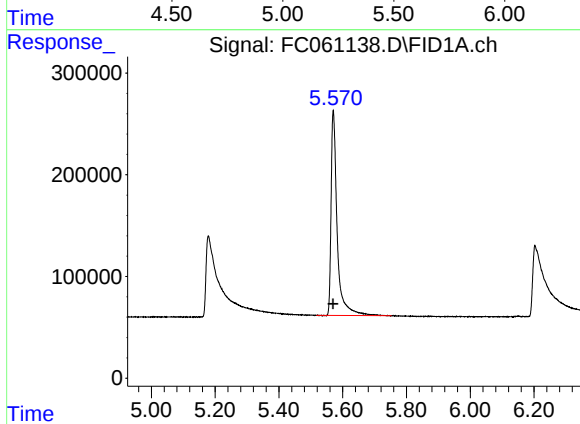
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: 0.007 min
Response: 2536130
Conc: 17.98 ug/ml



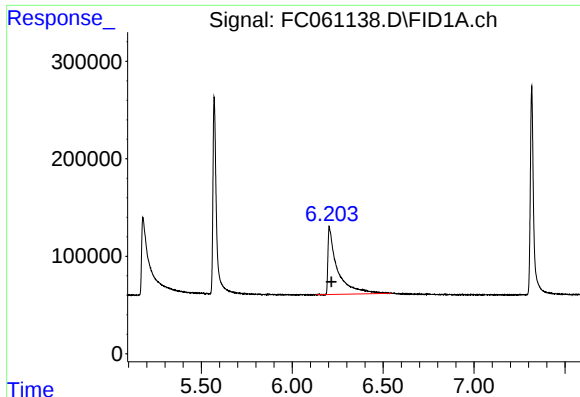
#3 A~Naphthalene (C11.7)

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 2646189
Conc: 18.62 ug/ml



#4 n-Dodecane (C12)

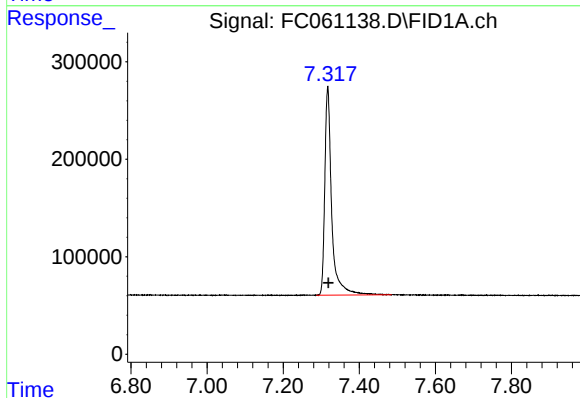
R.T.: 5.571 min
Delta R.T.: 0.002 min
Response: 2673877
Conc: 18.04 ug/ml



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

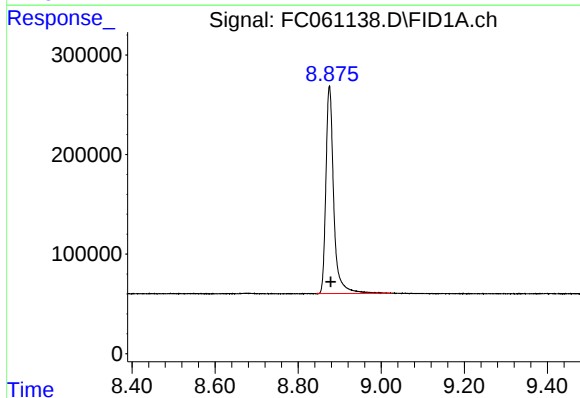
R.T.: 6.205 min
Delta R.T.: -0.010 min
Response: 2540138
Conc: 18.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



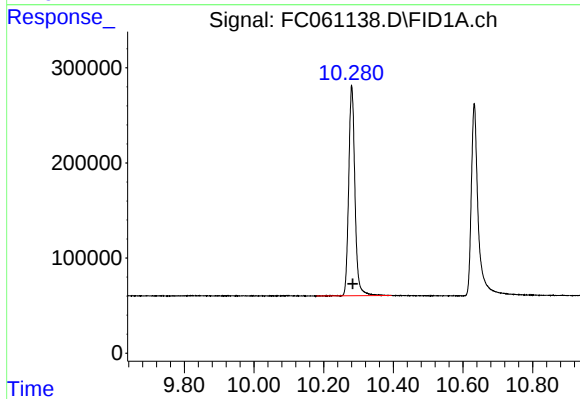
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.002 min
Response: 2698914
Conc: 17.98 ug/ml



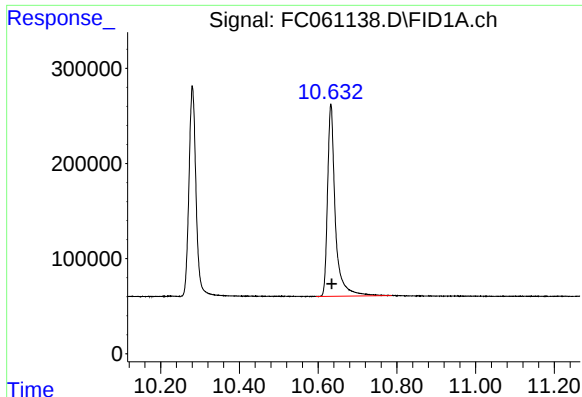
#7 n-Hexadecane (C16)

R.T.: 8.875 min
Delta R.T.: -0.003 min
Response: 2728373
Conc: 17.83 ug/ml



#8 n-Octadecane (C18)

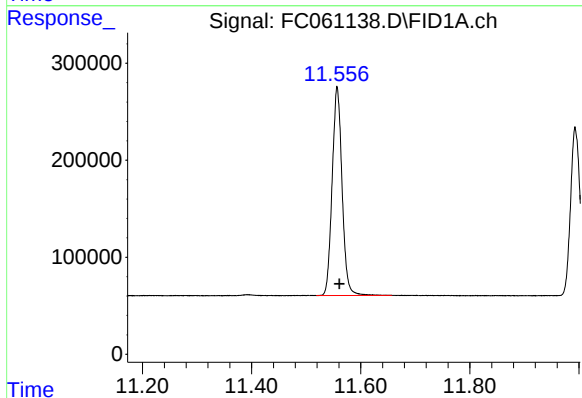
R.T.: 10.281 min
Delta R.T.: -0.003 min
Response: 2742828
Conc: 17.56 ug/ml



#9 ortho-Terphenyl (SURR)

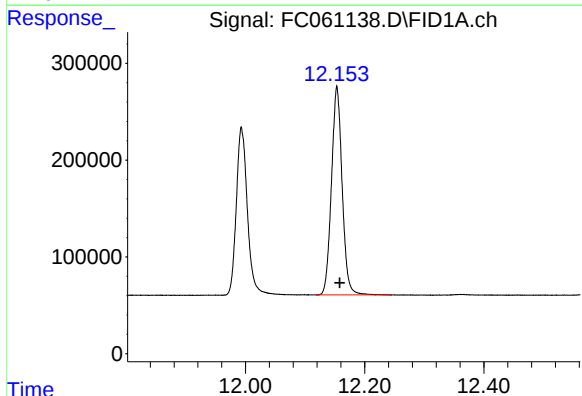
R.T.: 10.633 min
Delta R.T.: -0.002 min
Response: 2770032
Conc: 16.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



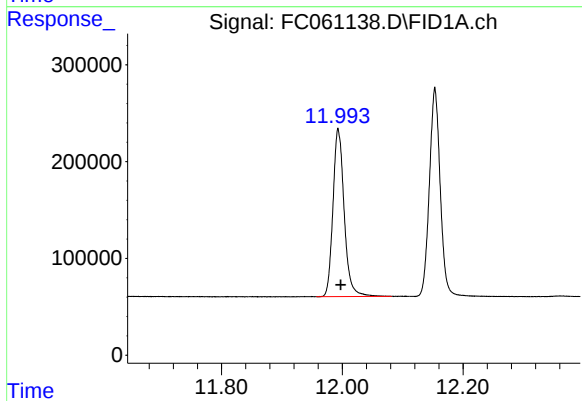
#10 n-Eicosane (C20)

R.T.: 11.557 min
Delta R.T.: -0.004 min
Response: 2716252
Conc: 17.31 ug/ml



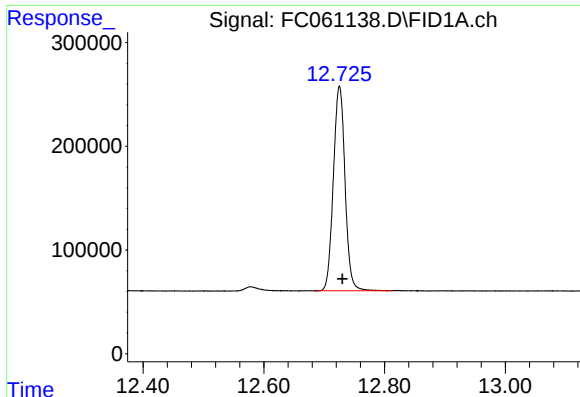
#11 n-Heneicosane (C21)

R.T.: 12.153 min
Delta R.T.: -0.005 min
Response: 2681171
Conc: 17.14 ug/ml



#12 1-chlorooctadecane (SURR)

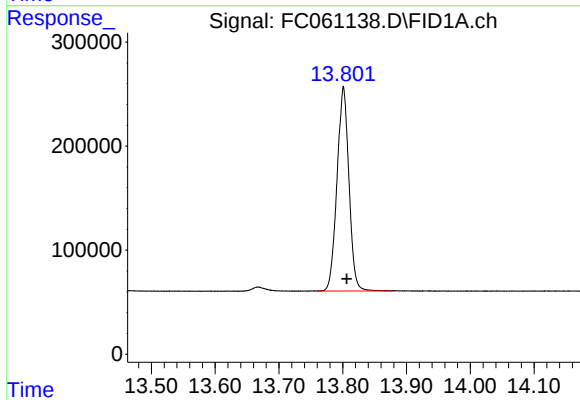
R.T.: 11.993 min
Delta R.T.: -0.004 min
Response: 2238075
Conc: 16.86 ug/ml



#13 n-Docosane (C22)

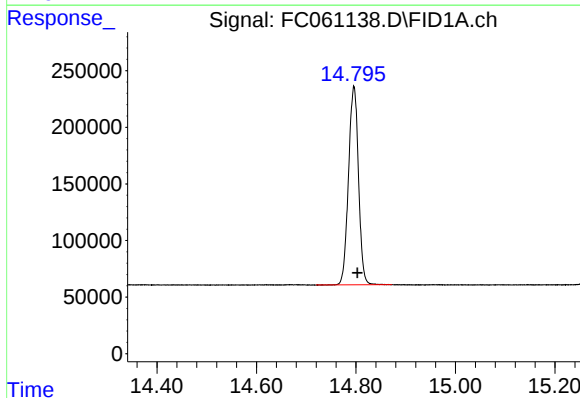
R.T.: 12.725 min
Delta R.T.: -0.005 min
Response: 2653443
Conc: 17.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



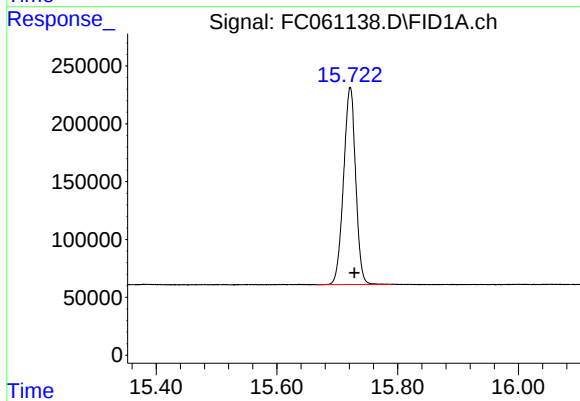
#14 n-Tetracosane (C24)

R.T.: 13.801 min
Delta R.T.: -0.005 min
Response: 2549509
Conc: 16.70 ug/ml



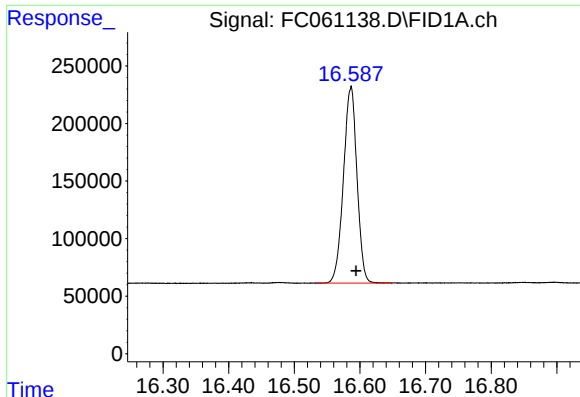
#15 n-Hexacosane (C26)

R.T.: 14.796 min
Delta R.T.: -0.007 min
Response: 2446040
Conc: 16.39 ug/ml



#16 n-Octacosane (C28)

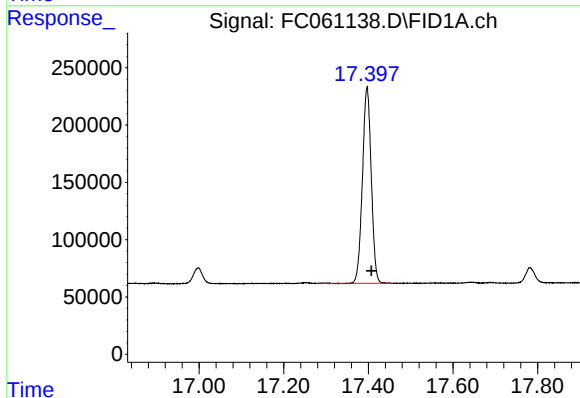
R.T.: 15.721 min
Delta R.T.: -0.007 min
Response: 2371291
Conc: 16.55 ug/ml



#17 n-Tricontane (C30)

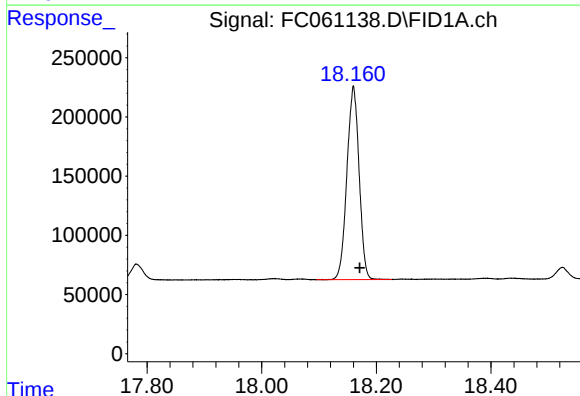
R.T.: 16.586 min
Delta R.T.: -0.008 min
Response: 2444436
Conc: 17.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



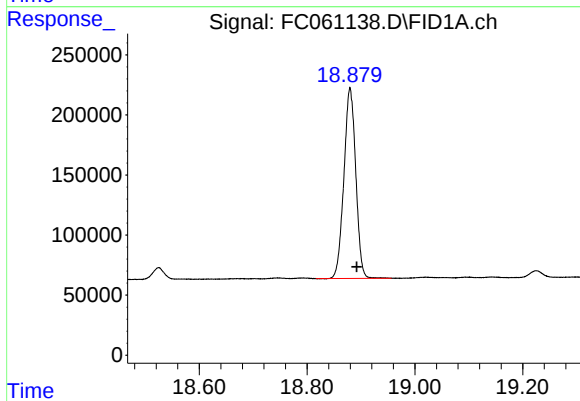
#18 n-Dotriacontane (C32)

R.T.: 17.397 min
Delta R.T.: -0.010 min
Response: 2479068
Conc: 18.37 ug/ml



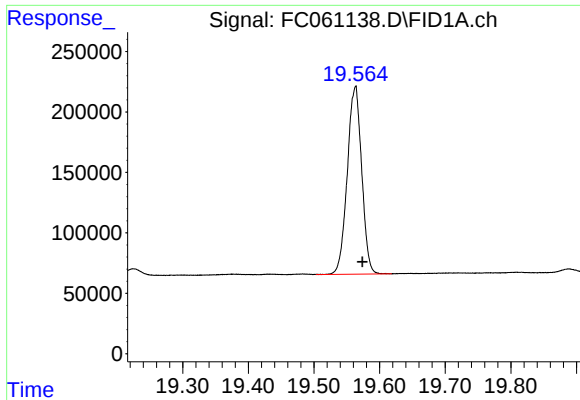
#19 n-Tetratriacontane (C34)

R.T.: 18.160 min
Delta R.T.: -0.011 min
Response: 2410967
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

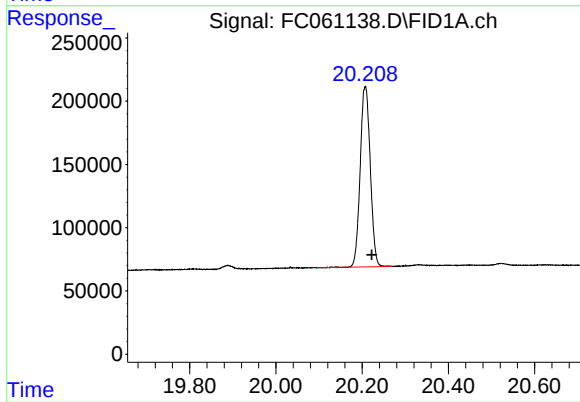
R.T.: 18.880 min
Delta R.T.: -0.012 min
Response: 2422078
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.563 min
Delta R.T.: -0.011 min
Response: 2368612
Conc: 20.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.207 min
Delta R.T.: -0.015 min
Response: 2309826
Conc: 20.07 ug/ml