

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101623AL\
 Data File : FC064835.D
 Signal(s) : FID1A.ch
 Acq On : 16 Oct 2023 10:53
 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: Oct 17 01:06:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.520	4637982	21.722 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
12) S 1-chlorooctadecane (S...	12.953	3214676	21.439 ug/ml
Spiked Amount 50.000		Recovery =	42.88%
Target Compounds			
1) T n-Nonane (C9)	3.319	3991356	21.731 ug/ml
2) T n-Decane (C10)	4.378	4021519	21.984 ug/ml
3) T A~Naphthalene (C11.7)	5.960	4173302	22.004 ug/ml
4) T n-Dodecane (C12)	6.389	4092957	21.959 ug/ml
5) T A~2-methylnaphthalene...	7.016	3939973	22.498 ug/ml
6) T n-Tetradecane (C14)	8.176	3932709	21.897 ug/ml
7) T n-Hexadecane (C16)	9.771	3922704	22.052 ug/ml
8) T n-Octadecane (C18)	11.206	3919536	21.843 ug/ml
10) T n-Eicosane (C20)	12.510	3739973	21.720 ug/ml
11) T n-Heneicosane (C21)	13.120	3658562	21.603 ug/ml
13) T n-Docosane (C22)	13.702	3565753	21.641 ug/ml
14) T n-Tetracosane (C24)	14.801	3434791	21.580 ug/ml
15) T n-Hexacosane (C26)	15.816	3307239	21.590 ug/ml
16) T n-Octacosane (C28)	16.764	3219964	21.850 ug/ml
17) T n-Tricontane (C30)	17.645	3273382	22.373 ug/ml
18) T n-Dotriacontane (C32)	18.474	3249605	22.505 ug/ml
19) T n-Tetratriacontane (C34)	19.256	3117009	22.153 ug/ml
20) T n-Hexatriacontane (C36)	19.991	2979163	21.533 ug/ml
21) T n-Octatriacontane (C38)	20.713	2701238	20.392 ug/ml
22) T n-Tetracontane (C40)	21.597	2282771	18.240 ug/ml

(f)=RT Delta > 1/2 Window

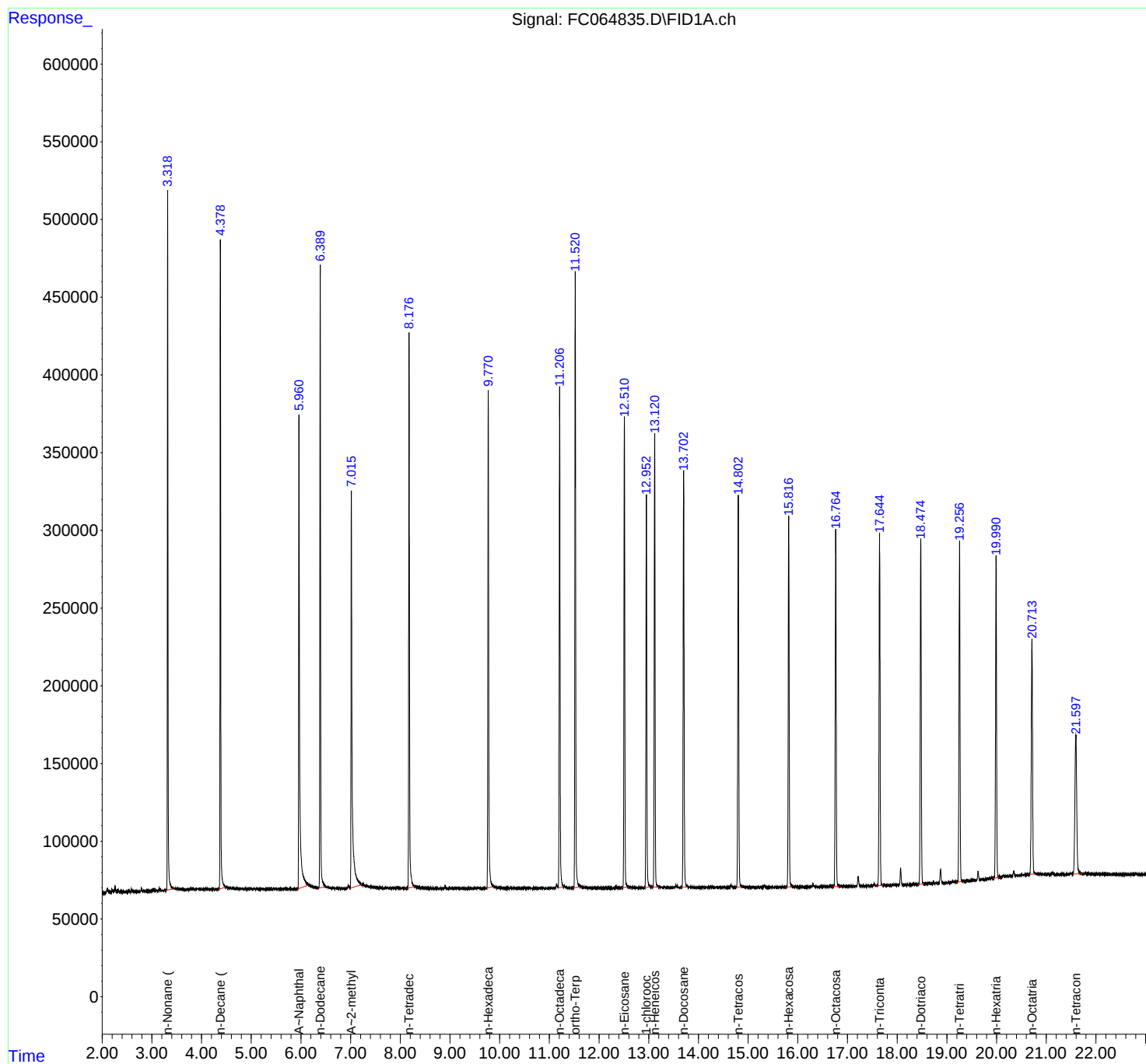
(m)=manual int.

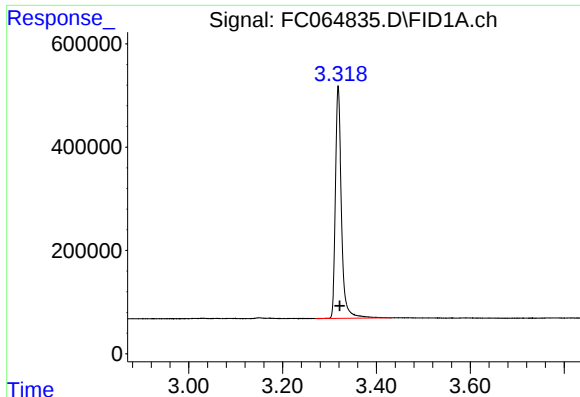
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101623AL\
Data File : FC064835.D
Signal(s) : FID1A.ch
Acq On : 16 Oct 2023 10:53
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Oct 17 01:06:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
Quant Title : GC Extractables
QLast Update : Tue Oct 10 12:17:45 2023
Response via : Initial Calibration
Integrator: ChemStation

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

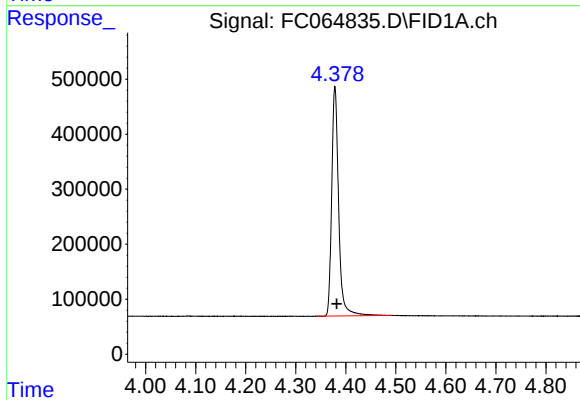




#1 n-Nonane (C9)

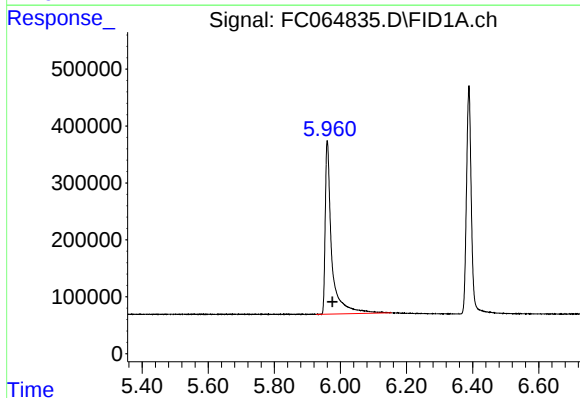
R.T.: 3.319 min
Delta R.T.: -0.003 min
Response: 3991356
Conc: 21.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



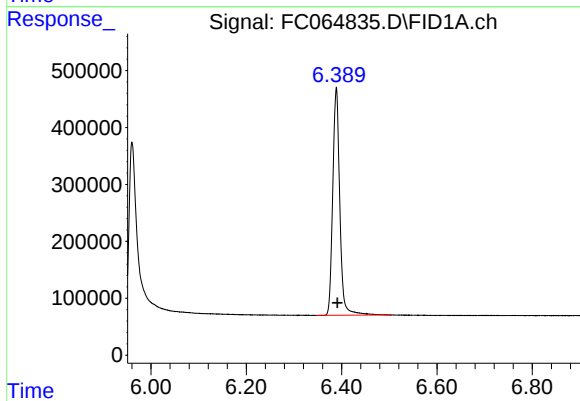
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.003 min
Response: 4021519
Conc: 21.98 ug/ml



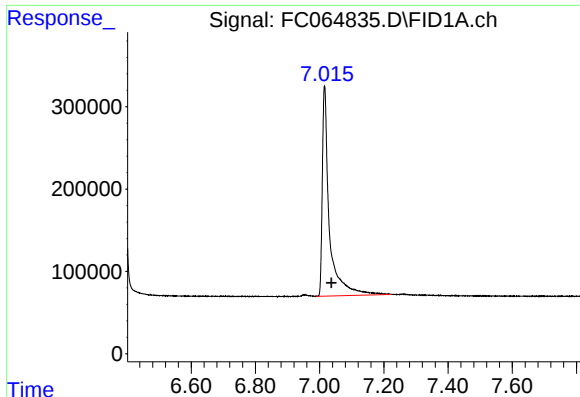
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.015 min
Response: 4173302
Conc: 22.00 ug/ml



#4 n-Dodecane (C12)

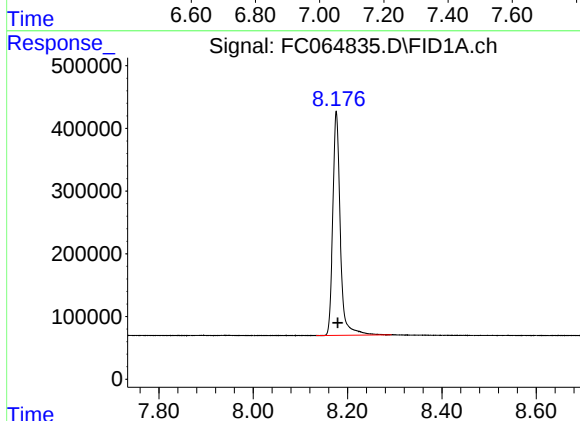
R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 4092957
Conc: 21.96 ug/ml



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

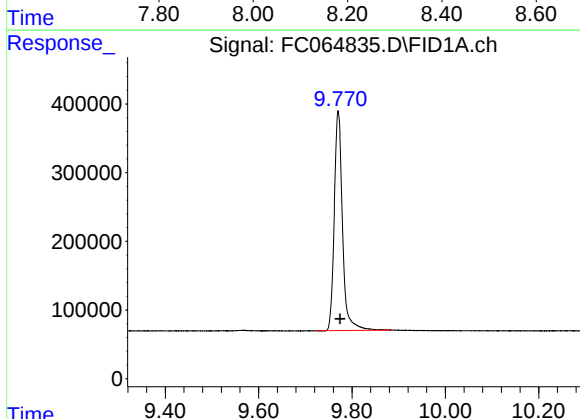
R.T.: 7.016 min
Delta R.T.: -0.021 min
Response: 3939973
Conc: 22.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



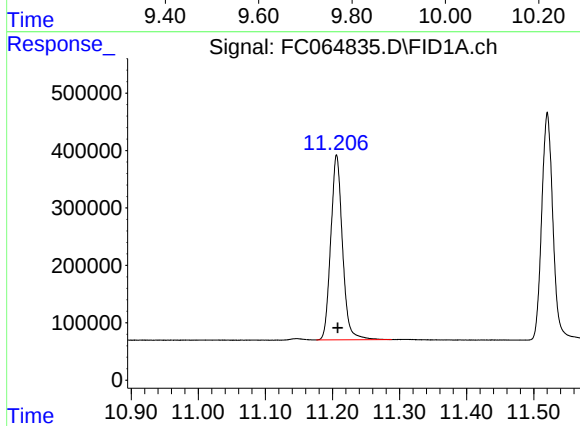
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.003 min
Response: 3932709
Conc: 21.90 ug/ml



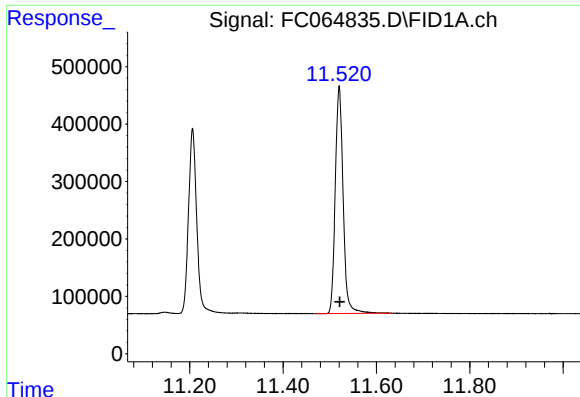
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.004 min
Response: 3922704
Conc: 22.05 ug/ml



#8 n-Octadecane (C18)

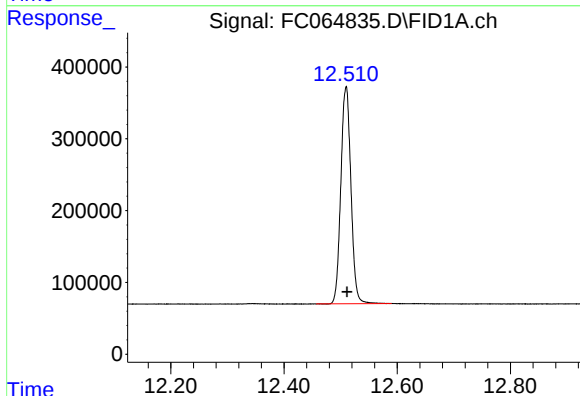
R.T.: 11.206 min
Delta R.T.: -0.002 min
Response: 3919536
Conc: 21.84 ug/ml



#9 ortho-Terphenyl (SURR)

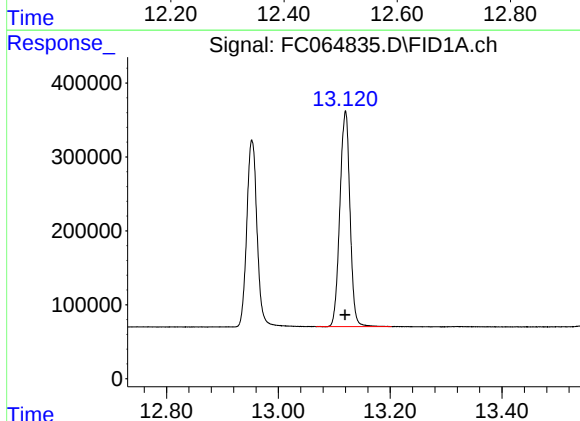
R.T.: 11.520 min
Delta R.T.: -0.001 min
Response: 4637982
Conc: 21.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



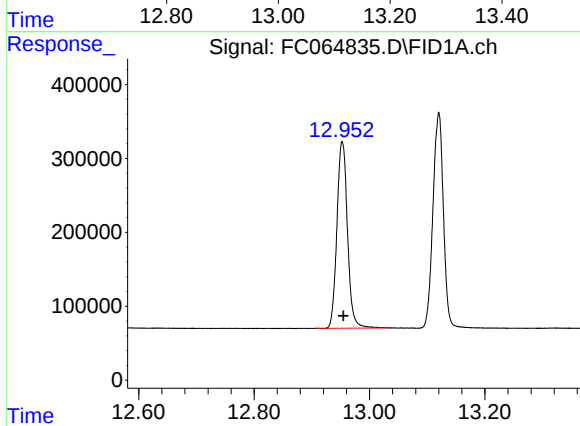
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: -0.002 min
Response: 3739973
Conc: 21.72 ug/ml



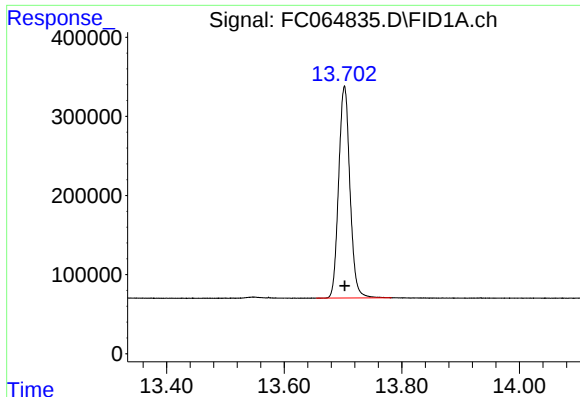
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: 0.000 min
Response: 3658562
Conc: 21.60 ug/ml



#12 1-chlorooctadecane (SURR)

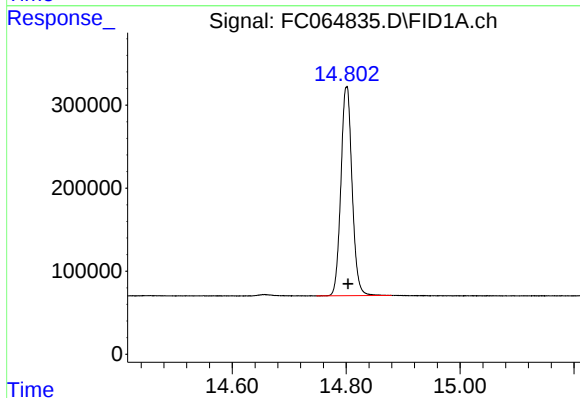
R.T.: 12.953 min
Delta R.T.: -0.002 min
Response: 3214676
Conc: 21.44 ug/ml



#13 n-Docosane (C22)

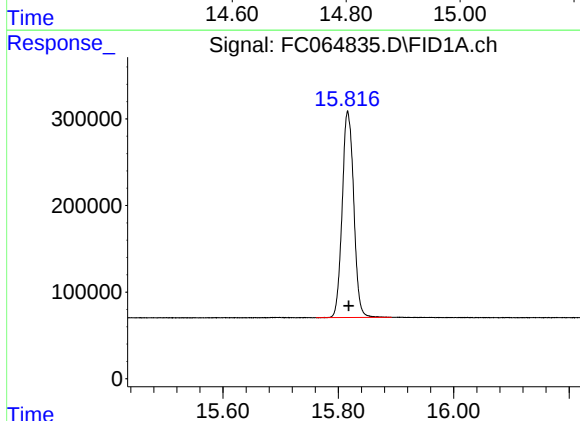
R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 3565753
Conc: 21.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



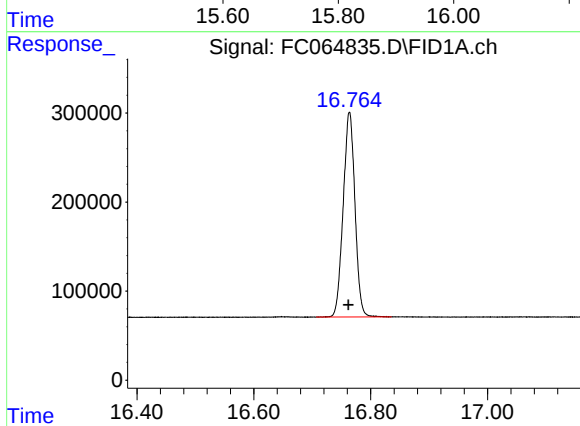
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: -0.002 min
Response: 3434791
Conc: 21.58 ug/ml



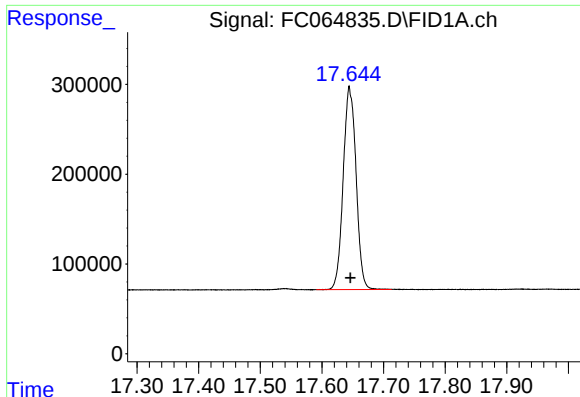
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: -0.002 min
Response: 3307239
Conc: 21.59 ug/ml



#16 n-Octacosane (C28)

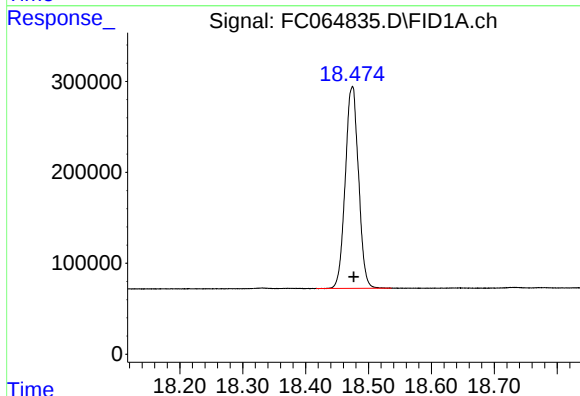
R.T.: 16.764 min
Delta R.T.: 0.002 min
Response: 3219964
Conc: 21.85 ug/ml



#17 n-Tricontane (C30)

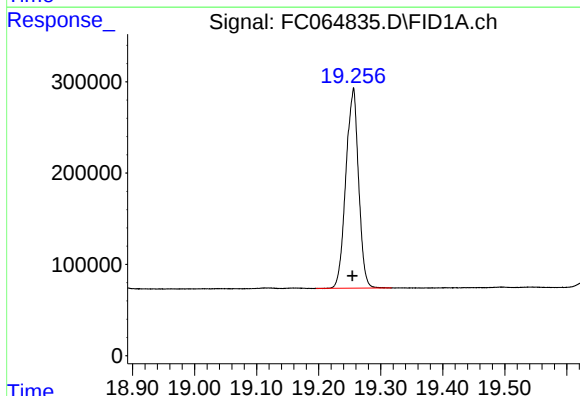
R.T.: 17.645 min
Delta R.T.: -0.002 min
Response: 3273382
Conc: 22.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



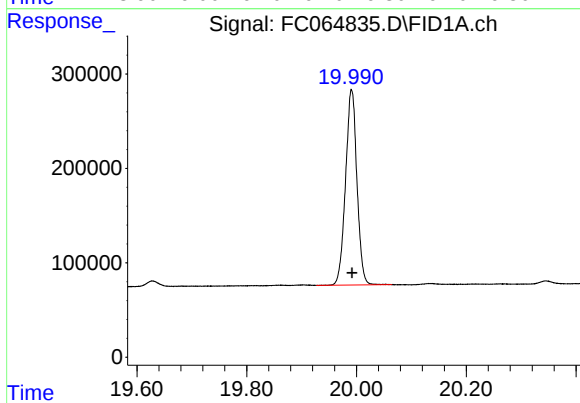
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: -0.002 min
Response: 3249605
Conc: 22.51 ug/ml



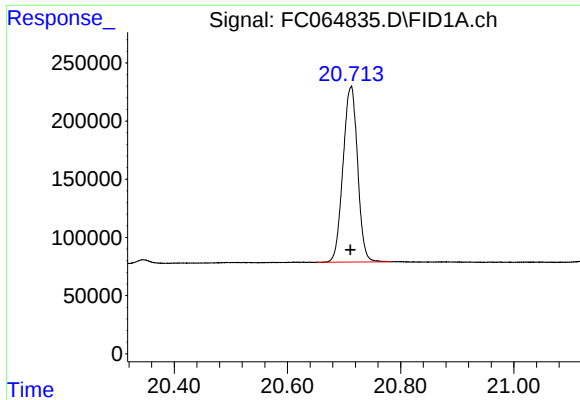
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.002 min
Response: 3117009
Conc: 22.15 ug/ml



#20 n-Hexatriacontane (C36)

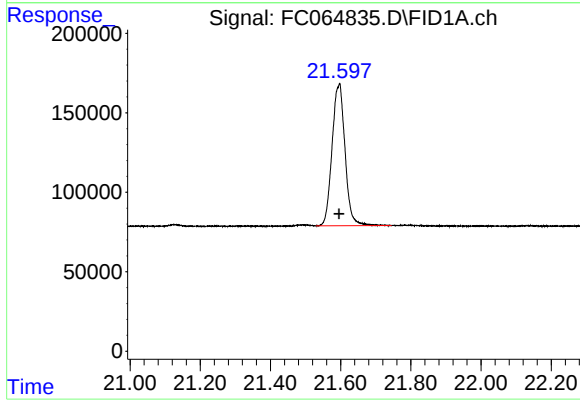
R.T.: 19.991 min
Delta R.T.: -0.001 min
Response: 2979163
Conc: 21.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: 0.001 min
Response: 2701238
Conc: 20.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.001 min
Response: 2282771
Conc: 18.24 ug/ml