

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080323AL\
 Data File : FC064323.D
 Signal(s) : FID1A.ch
 Acq On : 04 Aug 2023 08:06
 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 04 09:39:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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)	11.514	4081552	22.878 ug/ml
Spiked Amount 50.000		Recovery =	45.76%
12) S 1-chlorooctadecane (S...	12.948	2814268	22.316 ug/ml
Spiked Amount 50.000		Recovery =	44.63%
Target Compounds			
1) T n-Nonane (C9)	3.302	3808432	23.471 ug/ml
2) T n-Decane (C10)	4.364	3845695	23.518 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3818196	23.526 ug/ml
4) T n-Dodecane (C12)	6.377	3845089	23.553 ug/ml
5) T A~2-methylnaphthalene...	7.000	3553039	23.319 ug/ml
6) T n-Tetradecane (C14)	8.166	3676379	23.415 ug/ml
7) T n-Hexadecane (C16)	9.763	3646335	23.190 ug/ml
8) T n-Octadecane (C18)	11.200	3619434	22.845 ug/ml
10) T n-Eicosane (C20)	12.505	3408445	22.838 ug/ml
11) T n-Heneicosane (C21)	13.115	3330951	22.822 ug/ml
13) T n-Docosane (C22)	13.699	3274757	22.945 ug/ml
14) T n-Tetracosane (C24)	14.798	3239094	23.060 ug/ml
15) T n-Hexacosane (C26)	15.815	3184317	23.189 ug/ml
16) T n-Octacosane (C28)	16.761	3156558	23.540 ug/ml
17) T n-Tricontane (C30)	17.645	3234973	23.307 ug/ml
18) T n-Dotriacontane (C32)	18.474	3229197	22.947 ug/ml
19) T n-Tetratriacontane (C34)	19.255	3182959	22.925 ug/ml
20) T n-Hexatriacontane (C36)	19.990	3055967	22.522 ug/ml
21) T n-Octatriacontane (C38)	20.712	2980391	21.974 ug/ml
22) T n-Tetracontane (C40)	21.595	2904403	21.622 ug/ml

(f)=RT Delta > 1/2 Window

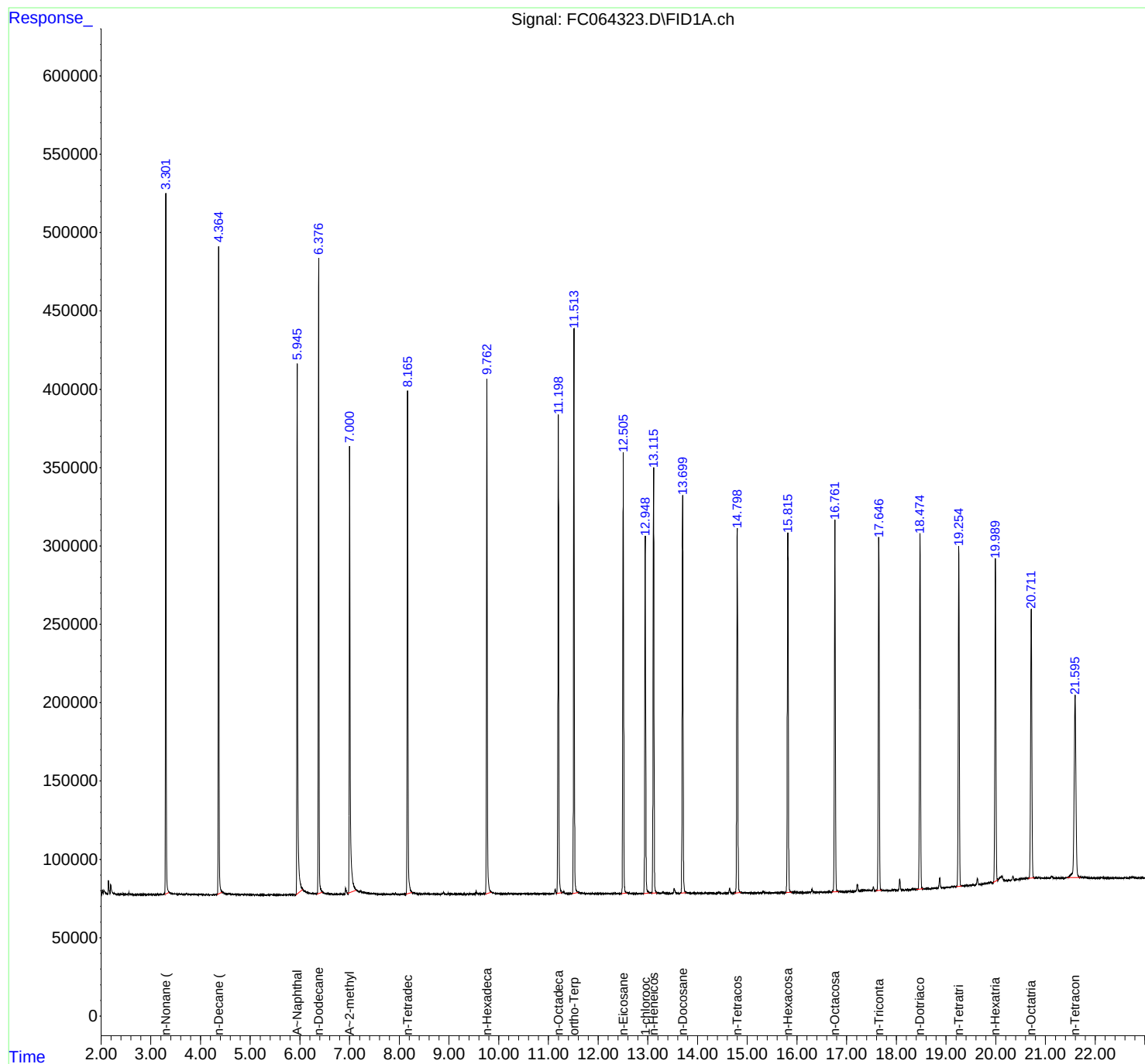
(m)=manual int.

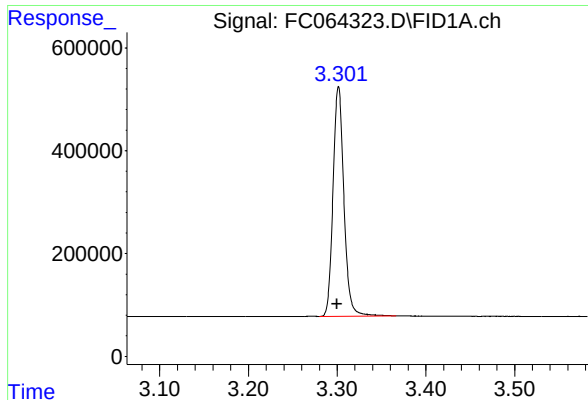
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080323AL\
Data File : FC064323.D
Signal(s) : FID1A.ch
Acq On : 04 Aug 2023 08:06
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Aug 04 09:39:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
Quant Title : GC Extractables
QLast Update : Mon Jul 24 01:54:49 2023
Response via : Initial Calibration
Integrator: ChemStation

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

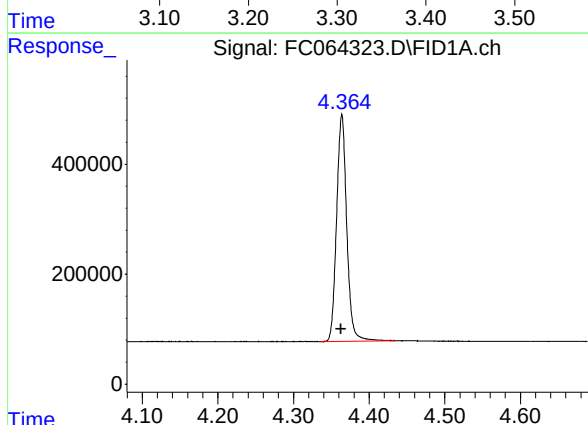




#1 n-Nonane (C9)

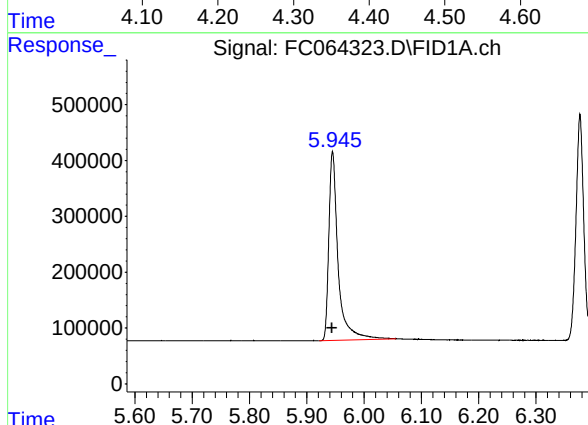
R.T.: 3.302 min
Delta R.T.: 0.002 min
Response: 3808432
Conc: 23.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



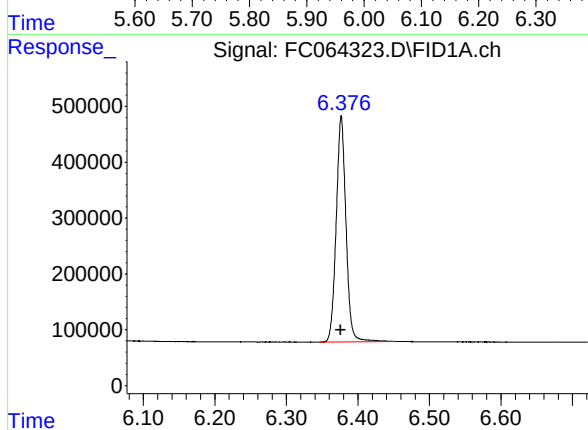
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.001 min
Response: 3845695
Conc: 23.52 ug/ml



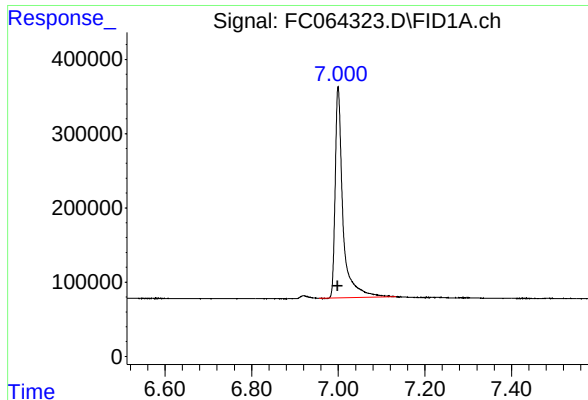
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.001 min
Response: 3818196
Conc: 23.53 ug/ml



#4 n-Dodecane (C12)

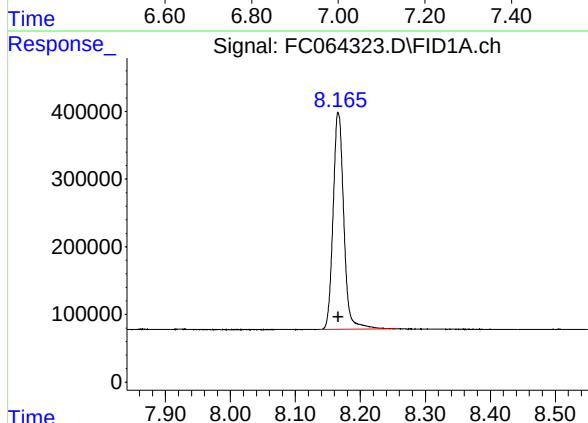
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 3845089
Conc: 23.55 ug/ml



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

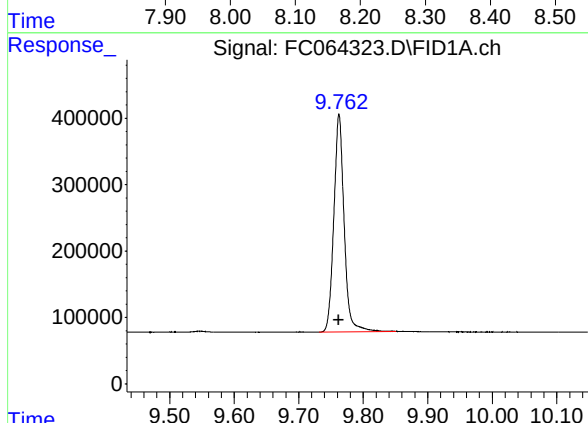
R.T.: 7.000 min
Delta R.T.: 0.001 min
Response: 3553039
Conc: 23.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



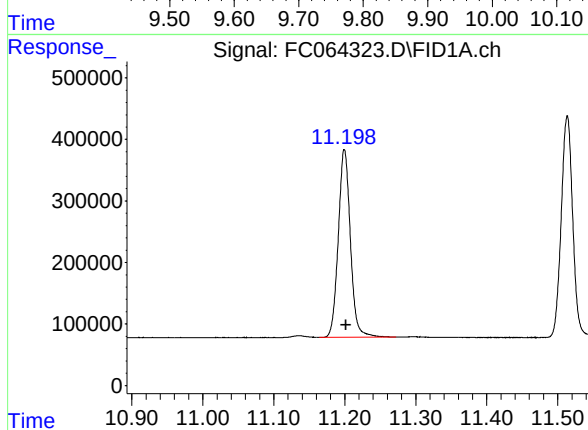
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 3676379
Conc: 23.42 ug/ml



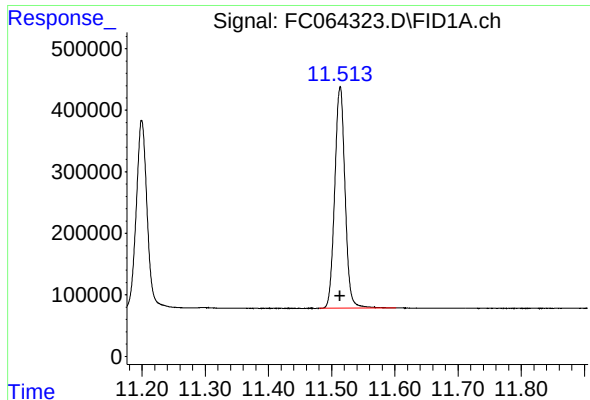
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.000 min
Response: 3646335
Conc: 23.19 ug/ml



#8 n-Octadecane (C18)

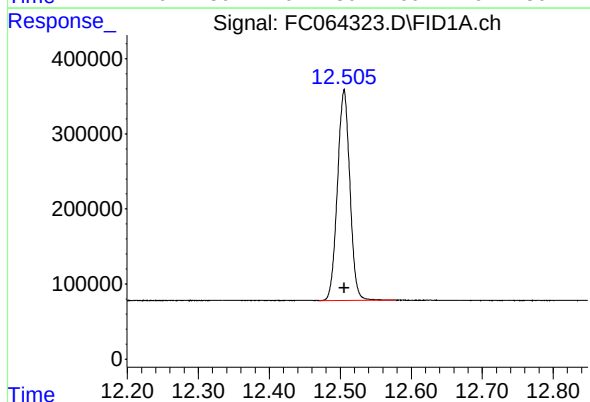
R.T.: 11.200 min
Delta R.T.: -0.002 min
Response: 3619434
Conc: 22.84 ug/ml



#9 ortho-Terphenyl (SURR)

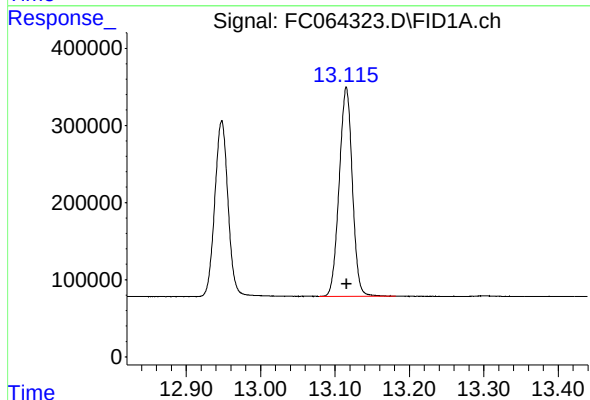
R.T.: 11.514 min
Delta R.T.: 0.000 min
Response: 4081552
Conc: 22.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



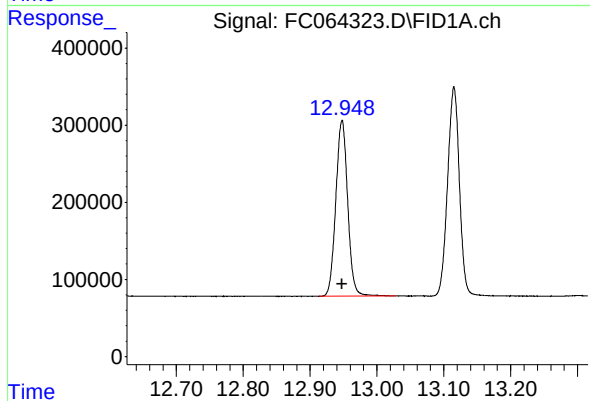
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 3408445
Conc: 22.84 ug/ml



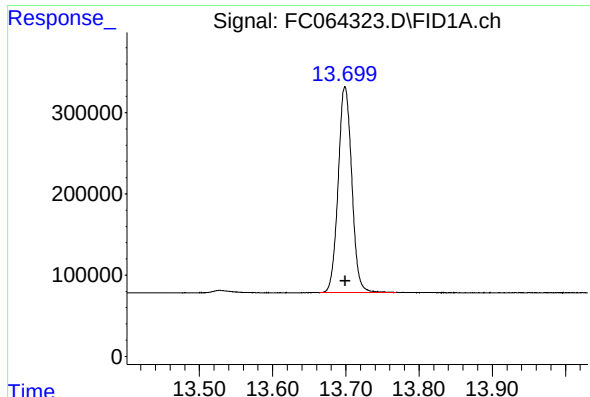
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 3330951
Conc: 22.82 ug/ml



#12 1-chlorooctadecane (SURR)

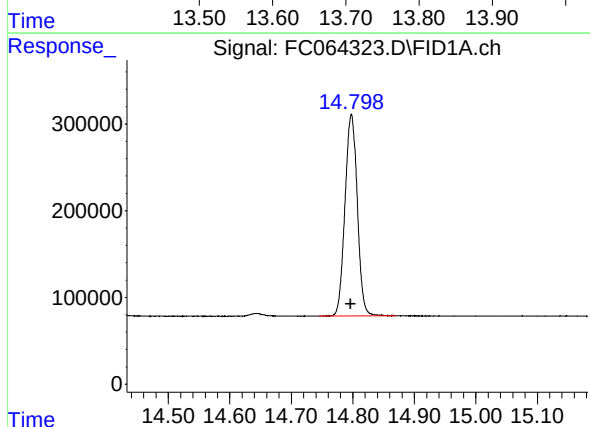
R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 2814268
Conc: 22.32 ug/ml



#13 n-Docosane (C22)

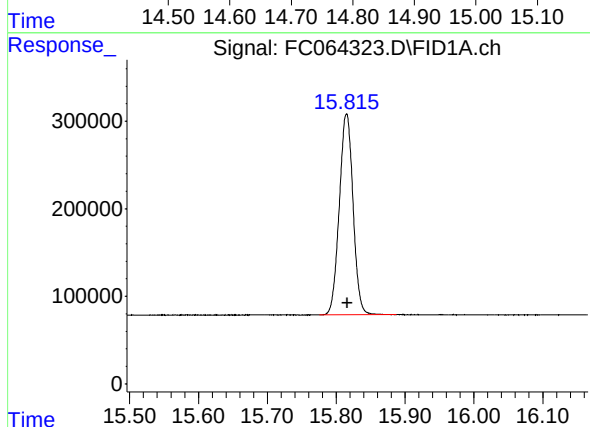
R.T.: 13.699 min
Delta R.T.: 0.000 min
Response: 3274757
Conc: 22.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



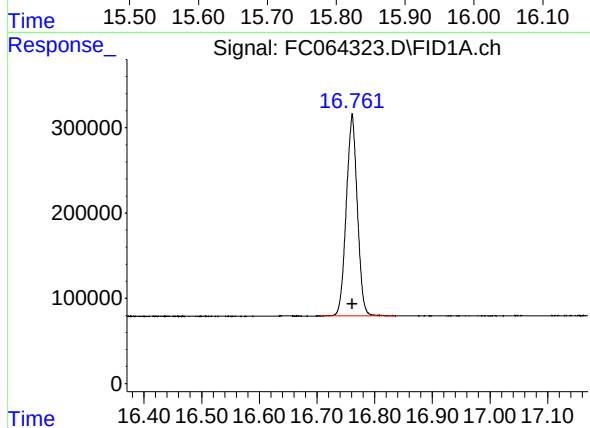
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.000 min
Response: 3239094
Conc: 23.06 ug/ml



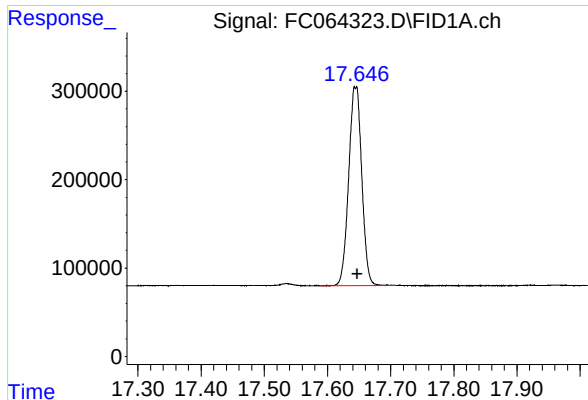
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.000 min
Response: 3184317
Conc: 23.19 ug/ml



#16 n-Octacosane (C28)

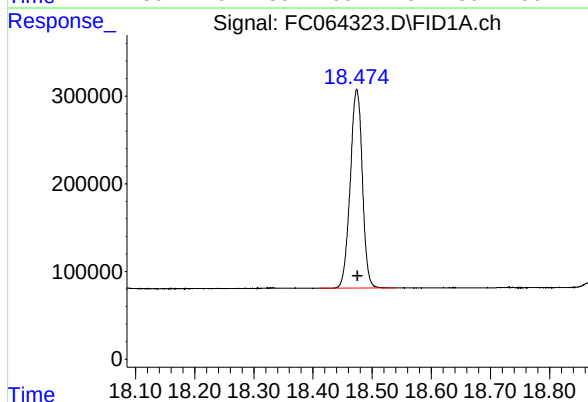
R.T.: 16.761 min
Delta R.T.: 0.000 min
Response: 3156558
Conc: 23.54 ug/ml



#17 n-Tricontane (C30)

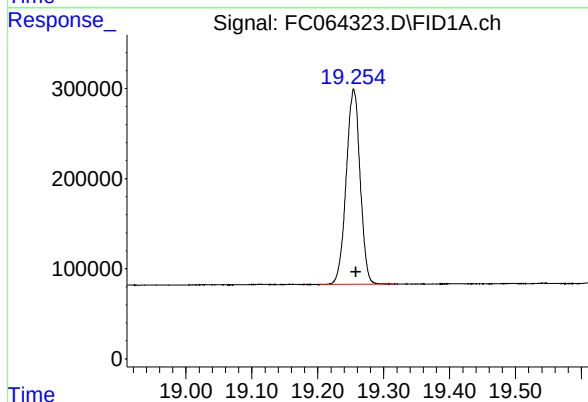
R.T.: 17.645 min
Delta R.T.: -0.002 min
Response: 3234973
Conc: 23.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



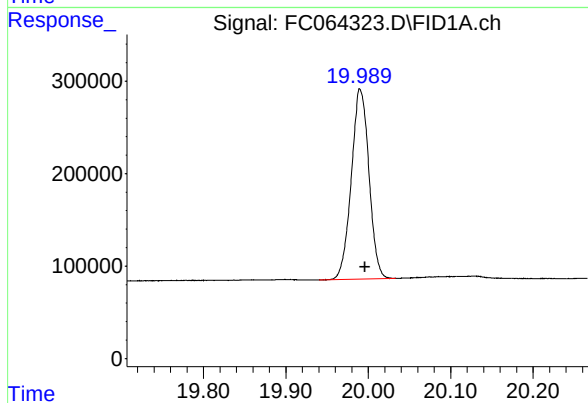
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: -0.001 min
Response: 3229197
Conc: 22.95 ug/ml



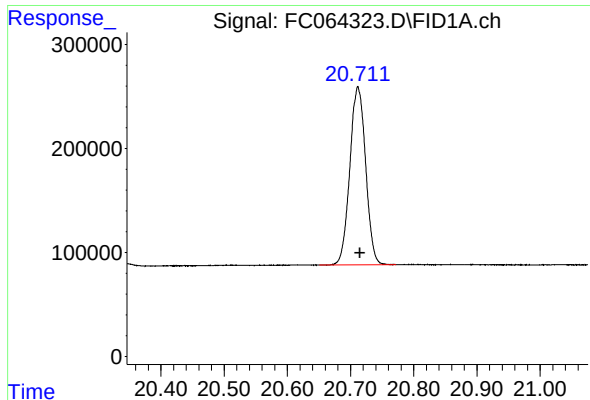
#19 n-Tetatriacontane (C34)

R.T.: 19.255 min
Delta R.T.: -0.003 min
Response: 3182959
Conc: 22.93 ug/ml



#20 n-Hexatriacontane (C36)

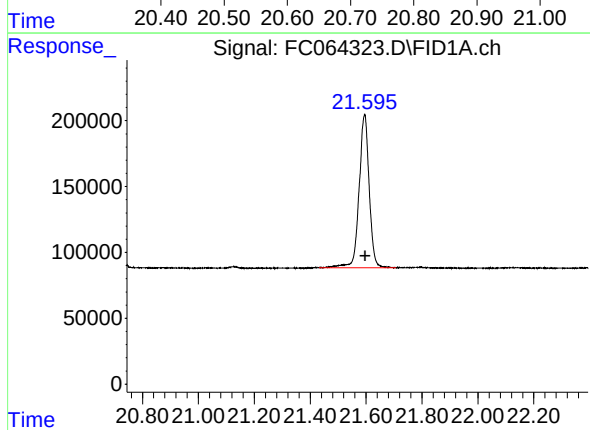
R.T.: 19.990 min
Delta R.T.: -0.006 min
Response: 3055967
Conc: 22.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.712 min
Delta R.T.: -0.003 min
Response: 2980391
Conc: 21.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.595 min
Delta R.T.: -0.002 min
Response: 2904403
Conc: 21.62 ug/ml