

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112322AL\
 Data File : FC062257.D
 Signal(s) : FID1A.ch
 Acq On : 23 Nov 2022 09:46
 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: Nov 24 14:14:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 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)	11.596	2421248	17.738 ug/ml
Spiked Amount 50.000		Recovery =	35.48%
12) S 1-chlorooctadecane (S...	13.035	1831241	18.015 ug/ml
Spiked Amount 50.000		Recovery =	36.03%
Target Compounds			
1) T n-Nonane (C9)	3.342	2367484	17.010 ug/ml
2) T n-Decane (C10)	4.413	2337272	17.275 ug/ml
3) T A~Naphthalene (C11.7)	6.003	2537387	17.320 ug/ml
4) T n-Dodecane (C12)	6.436	2317119	17.345 ug/ml
5) T A~2-methylnaphthalene...	7.062	2310818	17.232 ug/ml
6) T n-Tetradecane (C14)	8.234	2291379	17.553 ug/ml
7) T n-Hexadecane (C16)	9.837	2312910	17.840 ug/ml
8) T n-Octadecane (C18)	11.280	2287344	17.913 ug/ml
10) T n-Eicosane (C20)	12.590	2179014	17.926 ug/ml
11) T n-Heneicosane (C21)	13.202	2159204	17.915 ug/ml
13) T n-Docosane (C22)	13.789	2123513	18.014 ug/ml
14) T n-Tetracosane (C24)	14.891	2089006	18.155 ug/ml
15) T n-Hexacosane (C26)	15.912	2063637	18.521 ug/ml
16) T n-Octacosane (C28)	16.860	2108048	19.226 ug/ml
17) T n-Tricontane (C30)	17.747	2252057	20.565 ug/ml
18) T n-Dotriacontane (C32)	18.579	2349982	21.277 ug/ml
19) T n-Tetratriacontane (C34)	19.363	2271178	20.772 ug/ml
20) T n-Hexatriacontane (C36)	20.103	2093939	19.980 ug/ml
21) T n-Octatriacontane (C38)	20.845	2016675	19.485 ug/ml
22) T n-Tetracontane (C40)	21.772	1902033	18.529 ug/ml

(f)=RT Delta > 1/2 Window

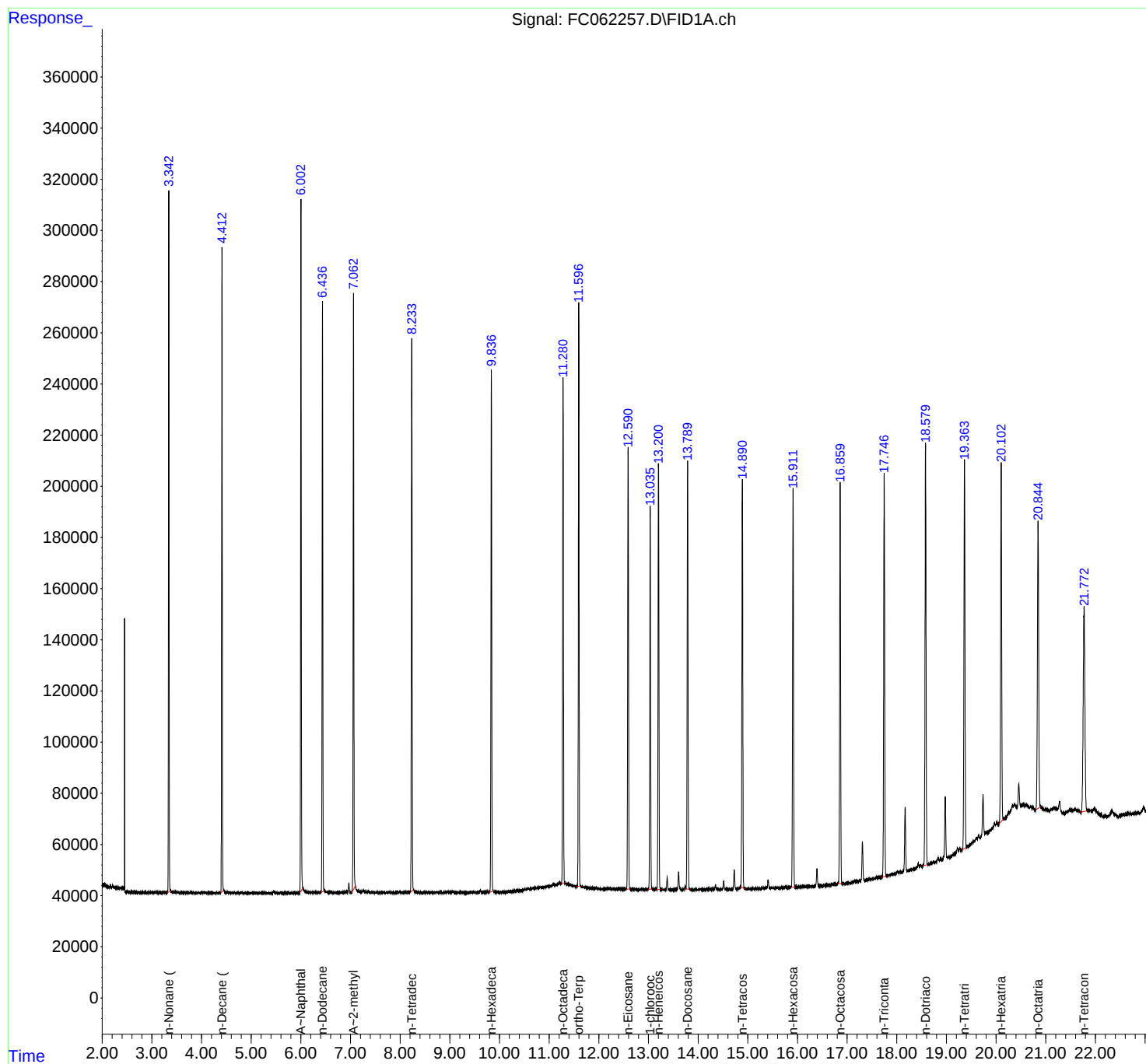
(m)=manual int.

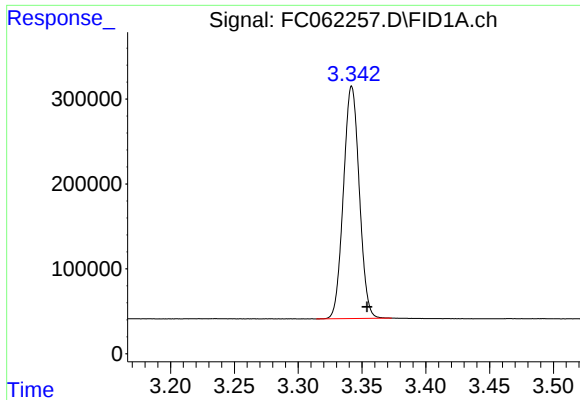
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112322AL\
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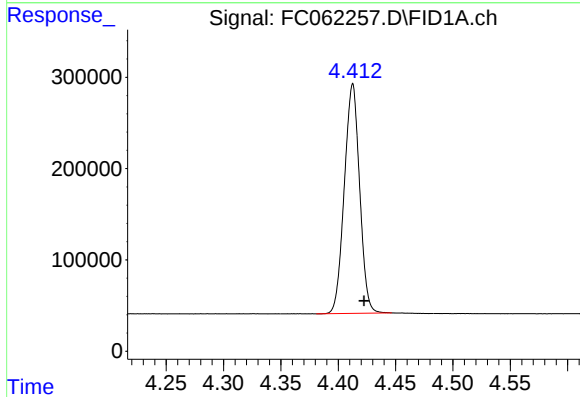




#1 n-Nonane (C9)

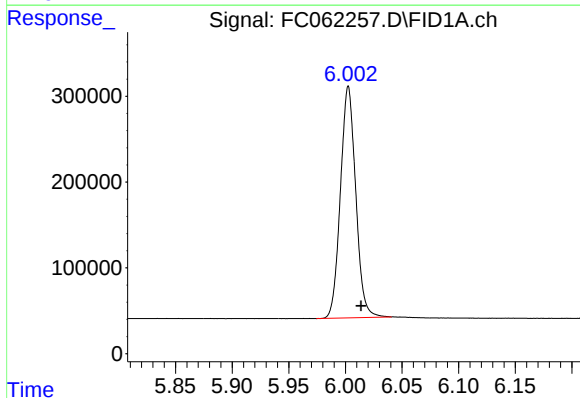
R.T.: 3.342 min
Delta R.T.: -0.012 min
Response: 2367484
Conc: 17.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



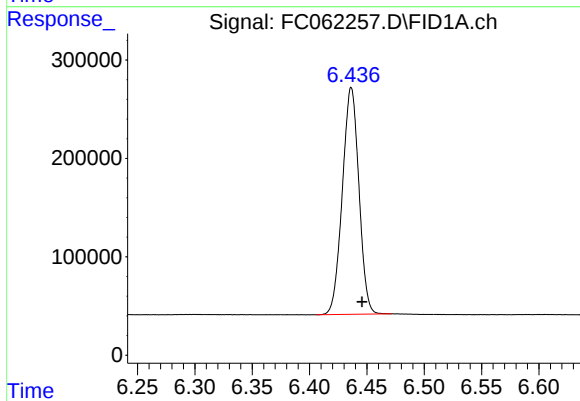
#2 n-Decane (C10)

R.T.: 4.413 min
Delta R.T.: -0.010 min
Response: 2337272
Conc: 17.27 ug/ml



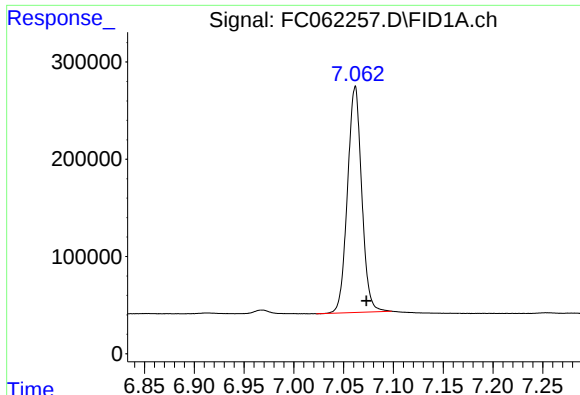
#3 A~Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: -0.011 min
Response: 2537387
Conc: 17.32 ug/ml



#4 n-Dodecane (C12)

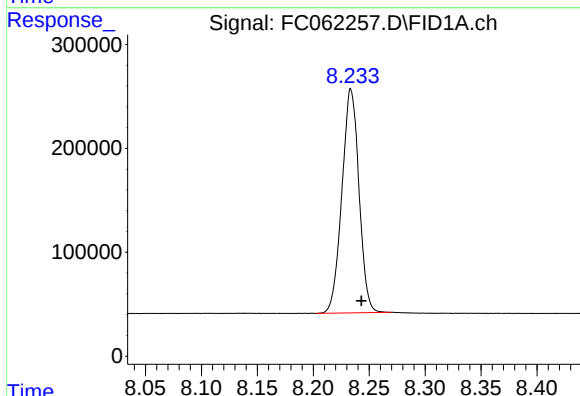
R.T.: 6.436 min
Delta R.T.: -0.009 min
Response: 2317119
Conc: 17.34 ug/ml



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

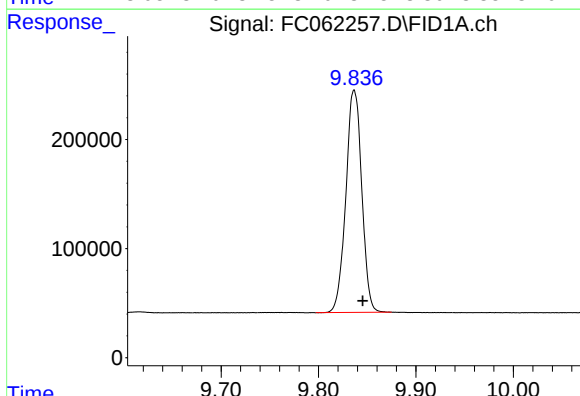
R.T.: 7.062 min
Delta R.T.: -0.011 min
Response: 2310818
Conc: 17.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



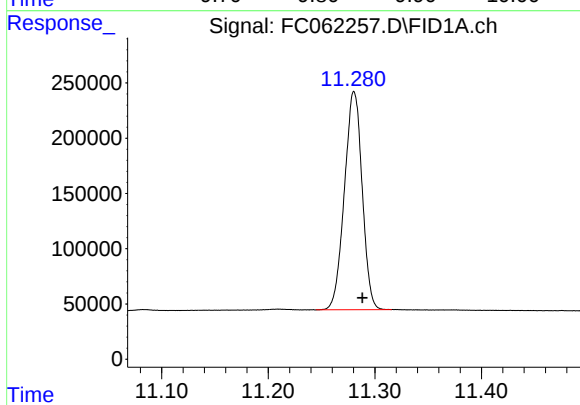
#6 n-Tetradecane (C14)

R.T.: 8.234 min
Delta R.T.: -0.010 min
Response: 2291379
Conc: 17.55 ug/ml



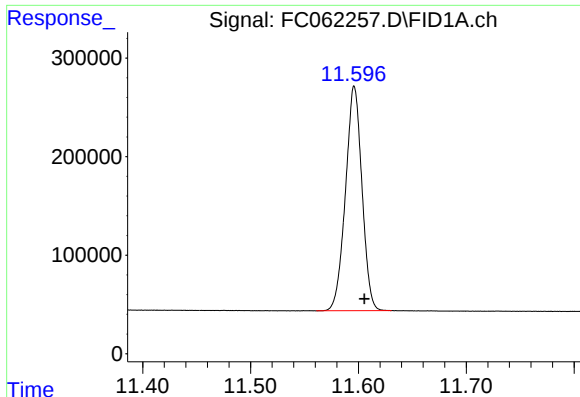
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: -0.009 min
Response: 2312910
Conc: 17.84 ug/ml



#8 n-Octadecane (C18)

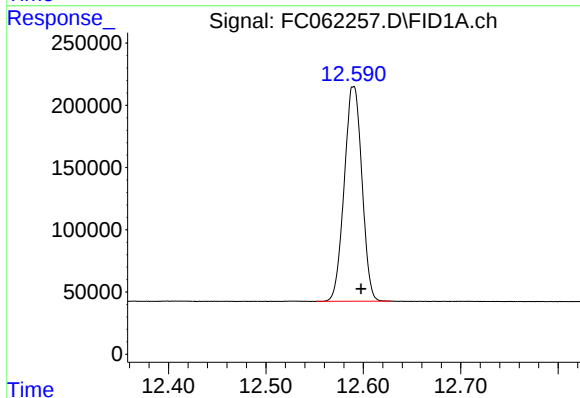
R.T.: 11.280 min
Delta R.T.: -0.008 min
Response: 2287344
Conc: 17.91 ug/ml



#9 ortho-Terphenyl (SURR)

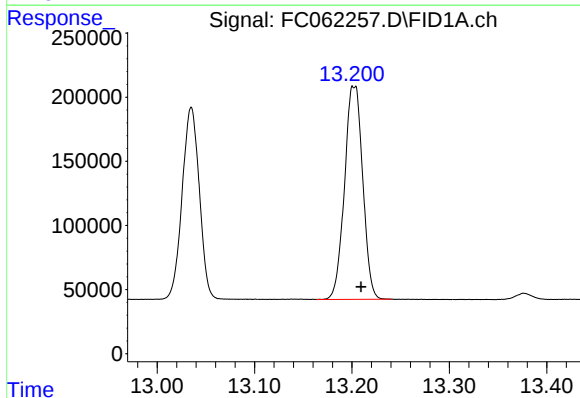
R.T.: 11.596 min
Delta R.T.: -0.009 min
Response: 2421248
Conc: 17.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



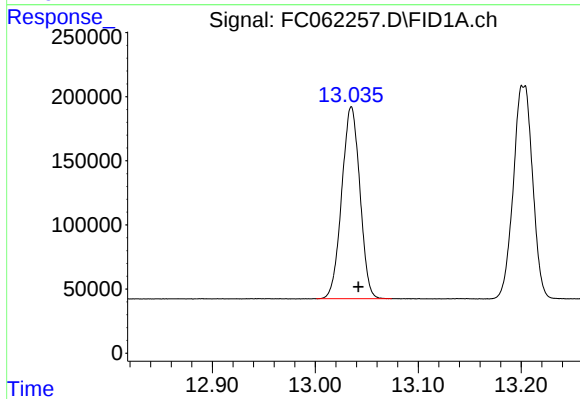
#10 n-Eicosane (C20)

R.T.: 12.590 min
Delta R.T.: -0.008 min
Response: 2179014
Conc: 17.93 ug/ml



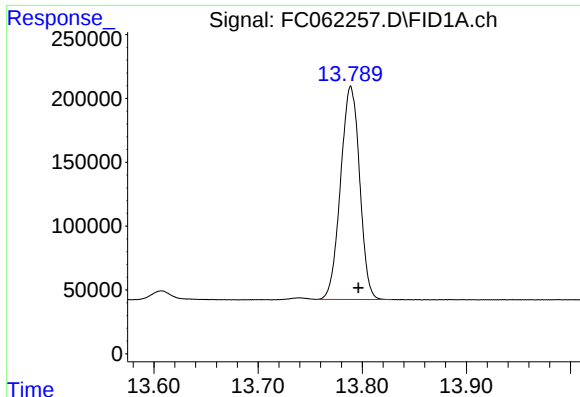
#11 n-Heneicosane (C21)

R.T.: 13.202 min
Delta R.T.: -0.007 min
Response: 2159204
Conc: 17.92 ug/ml



#12 1-chlorooctadecane (SURR)

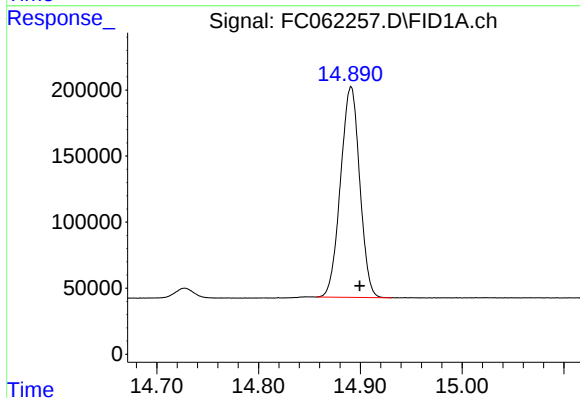
R.T.: 13.035 min
Delta R.T.: -0.007 min
Response: 1831241
Conc: 18.02 ug/ml



#13 n-Docosane (C22)

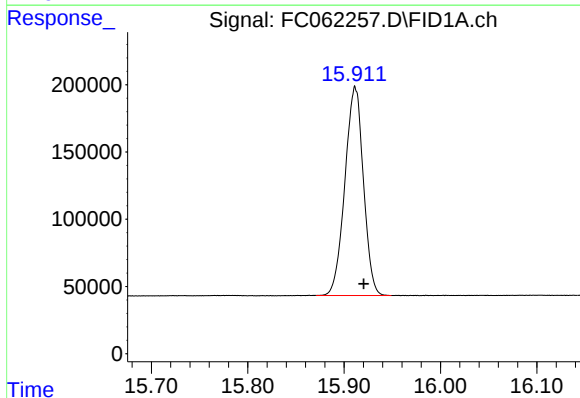
R.T.: 13.789 min
Delta R.T.: -0.007 min
Response: 2123513
Conc: 18.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



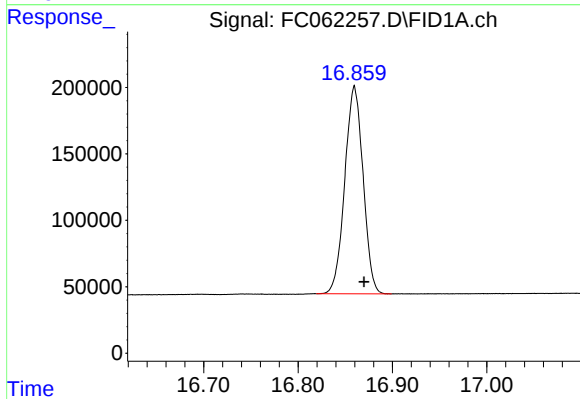
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: -0.009 min
Response: 2089006
Conc: 18.15 ug/ml



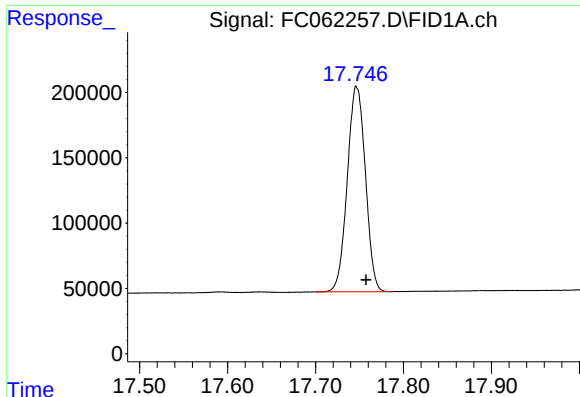
#15 n-Hexacosane (C26)

R.T.: 15.912 min
Delta R.T.: -0.009 min
Response: 2063637
Conc: 18.52 ug/ml



#16 n-Octacosane (C28)

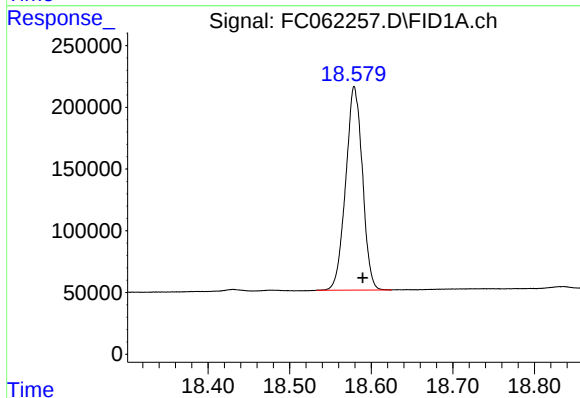
R.T.: 16.860 min
Delta R.T.: -0.010 min
Response: 2108048
Conc: 19.23 ug/ml



#17 n-Tricontane (C30)

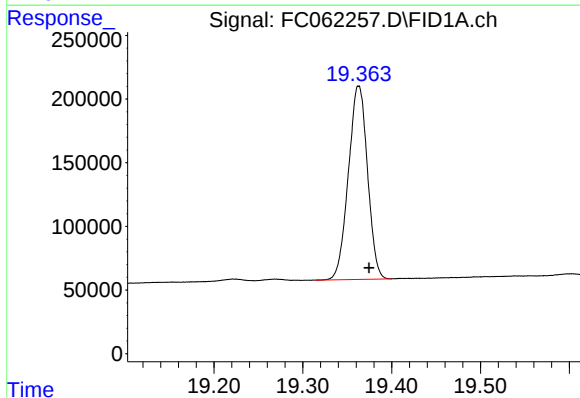
R.T.: 17.747 min
Delta R.T.: -0.011 min
Response: 2252057
Conc: 20.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



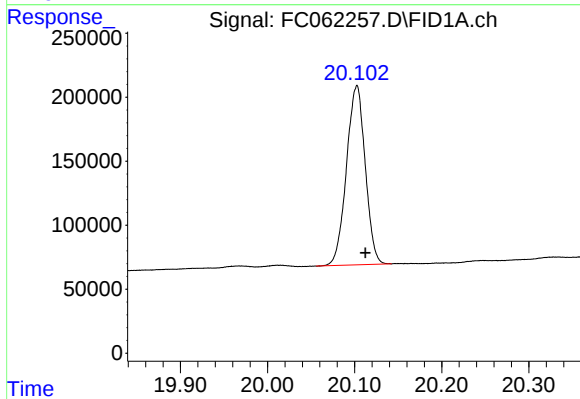
#18 n-Dotriacontane (C32)

R.T.: 18.579 min
Delta R.T.: -0.011 min
Response: 2349982
Conc: 21.28 ug/ml



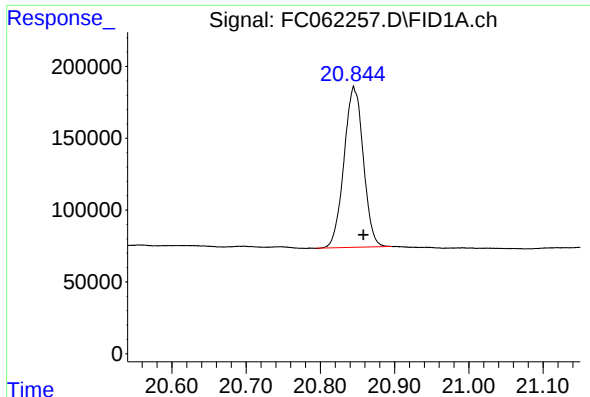
#19 n-Tetratriacontane (C34)

R.T.: 19.363 min
Delta R.T.: -0.012 min
Response: 2271178
Conc: 20.77 ug/ml



#20 n-Hexatriacontane (C36)

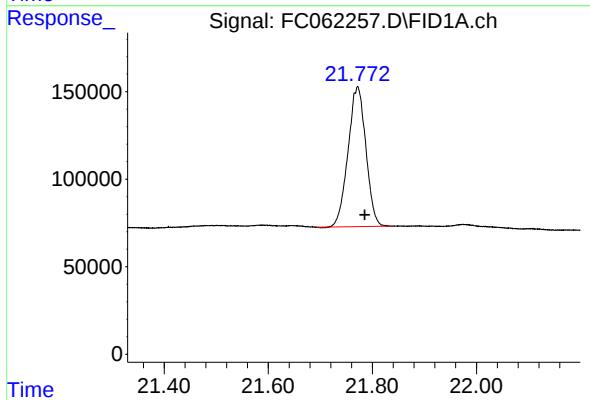
R.T.: 20.103 min
Delta R.T.: -0.009 min
Response: 2093939
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.845 min
Delta R.T.: -0.013 min
Response: 2016675
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.772 min
Delta R.T.: -0.013 min
Response: 1902033
Conc: 18.53 ug/ml