

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071023AL\
 Data File : FC064080.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2023 14:50
 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: Jul 11 02:59:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.522	3637950	18.737 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
12) S 1-chlorooctadecane (S...	12.956	2613247	18.783 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
Target Compounds			
1) T n-Nonane (C9)	3.307	3362764	18.855 ug/ml
2) T n-Decane (C10)	4.369	3413822	18.866 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3506700	18.800 ug/ml
4) T n-Dodecane (C12)	6.382	3390753	18.822 ug/ml
5) T A~2-methylnaphthalene...	7.004	3321627	18.874 ug/mlm
6) T n-Tetradecane (C14)	8.173	3265604	18.877 ug/ml
7) T n-Hexadecane (C16)	9.770	3279382	18.878 ug/ml
8) T n-Octadecane (C18)	11.208	3244248	18.824 ug/ml
10) T n-Eicosane (C20)	12.514	3052267	18.697 ug/ml
11) T n-Heneicosane (C21)	13.124	2965285	18.507 ug/ml
13) T n-Docosane (C22)	13.709	2916700	18.562 ug/ml
14) T n-Tetracosane (C24)	14.807	2861029	18.151 ug/ml
15) T n-Hexacosane (C26)	15.825	2792738	18.484 ug/ml
16) T n-Octacosane (C28)	16.772	2724982	18.084 ug/ml
17) T n-Tricontane (C30)	17.658	2760534	17.681 ug/ml
18) T n-Dotriacontane (C32)	18.486	2742677	17.361 ug/ml
19) T n-Tetratriacontane (C34)	19.266	2732564	17.758 ug/ml
20) T n-Hexatriacontane (C36)	20.004	2727576	18.475 ug/mlm
21) T n-Octatriacontane (C38)	20.729	2727397	18.412 ug/ml
22) T n-Tetracontane (C40)	21.614	2706704	18.570 ug/ml

(f)=RT Delta > 1/2 Window

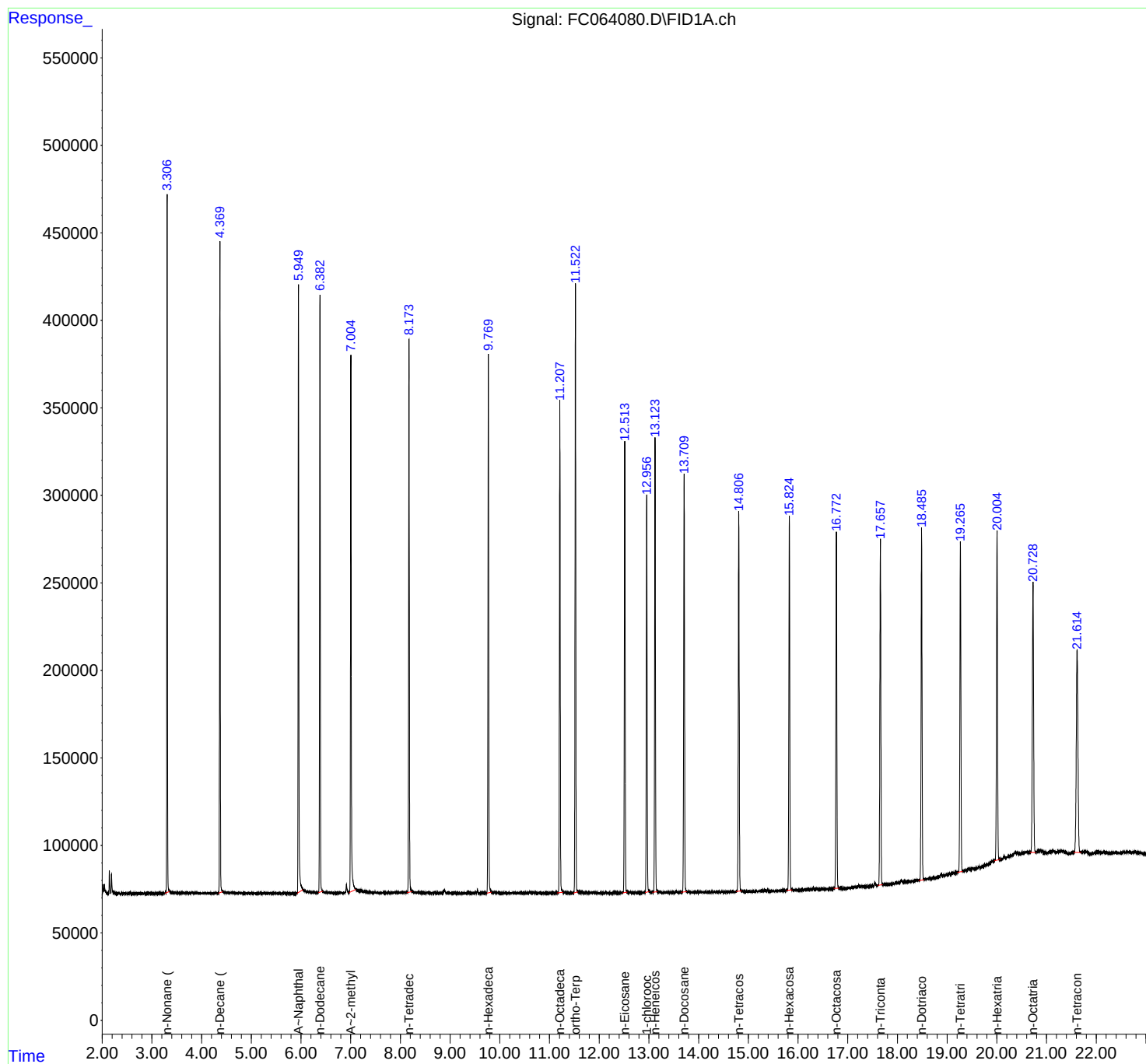
(m)=manual int.

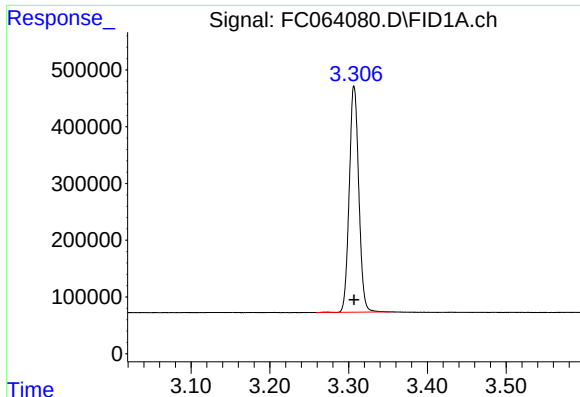
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071023AL\
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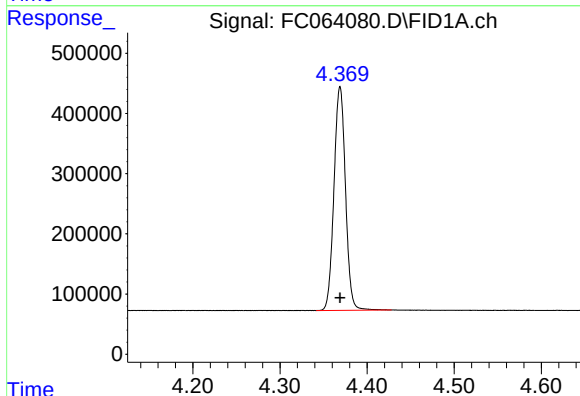




#1 n-Nonane (C9)

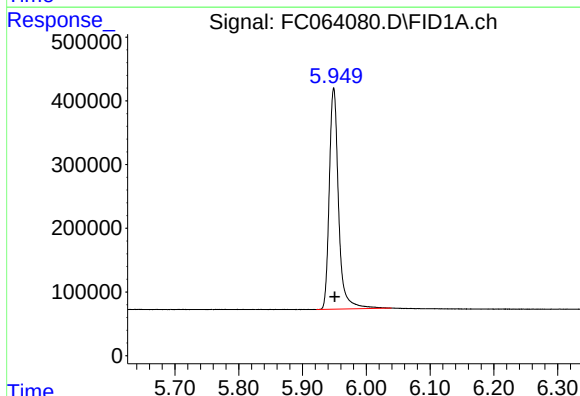
R.T.: 3.307 min
Delta R.T.: 0.000 min
Response: 3362764
Conc: 18.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



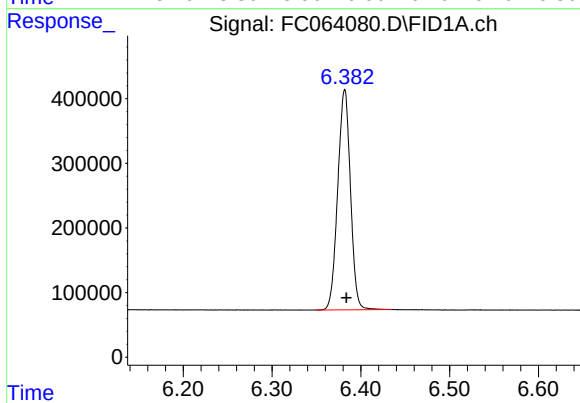
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 3413822
Conc: 18.87 ug/ml



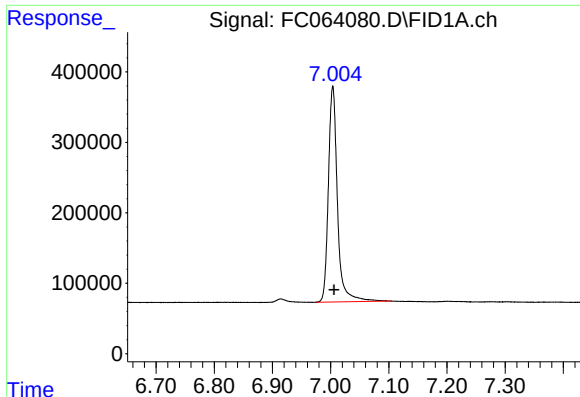
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 3506700
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

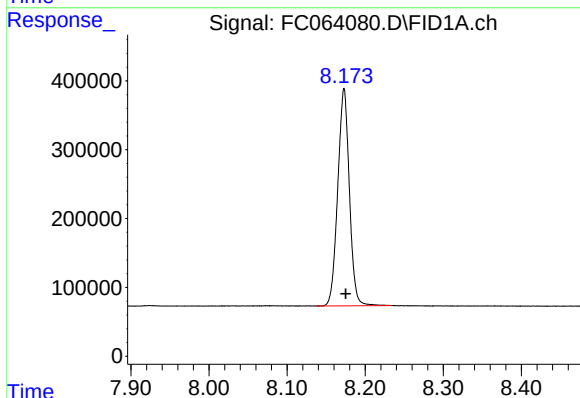
R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 3390753
Conc: 18.82 ug/ml



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

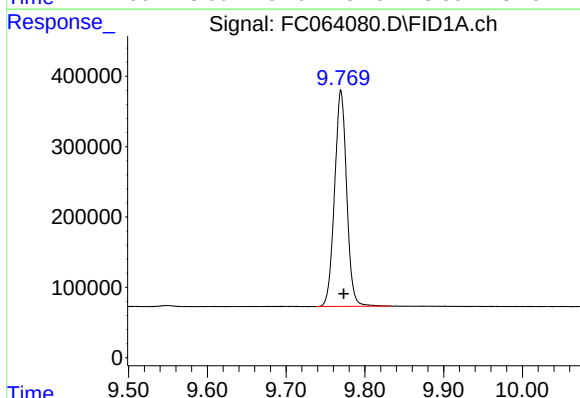
R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 3321627
Conc: 18.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



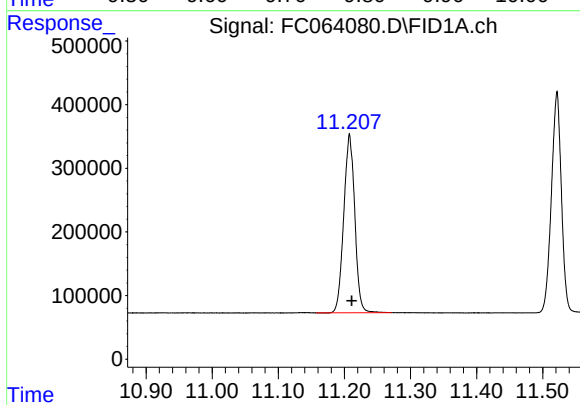
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.002 min
Response: 3265604
Conc: 18.88 ug/ml



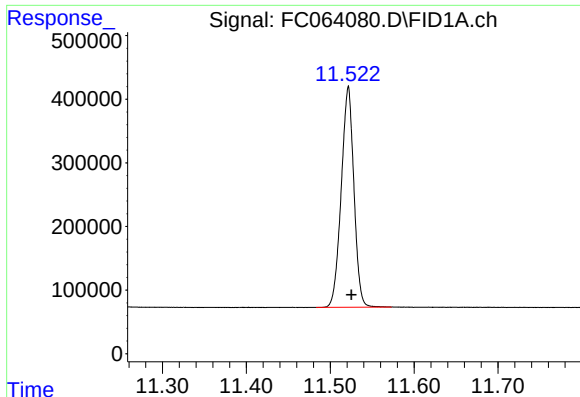
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.004 min
Response: 3279382
Conc: 18.88 ug/ml



#8 n-Octadecane (C18)

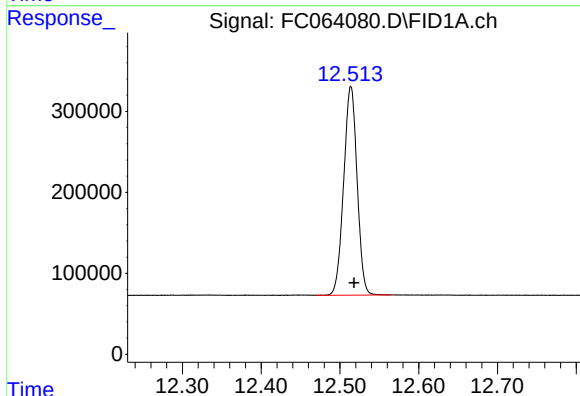
R.T.: 11.208 min
Delta R.T.: -0.003 min
Response: 3244248
Conc: 18.82 ug/ml



#9 ortho-Terphenyl (SURR)

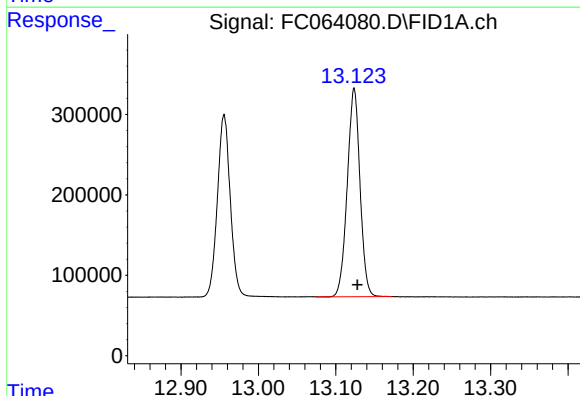
R.T.: 11.522 min
Delta R.T.: -0.003 min
Response: 3637950
Conc: 18.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



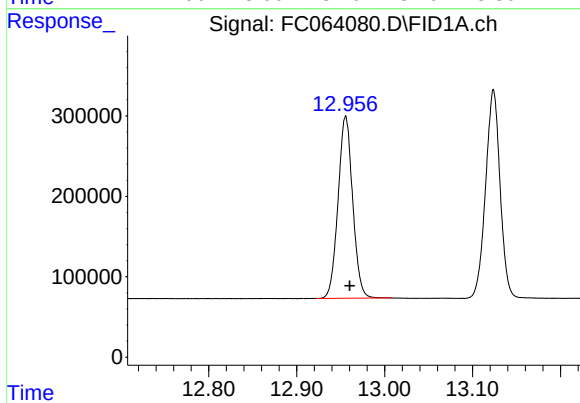
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: -0.004 min
Response: 3052267
Conc: 18.70 ug/ml



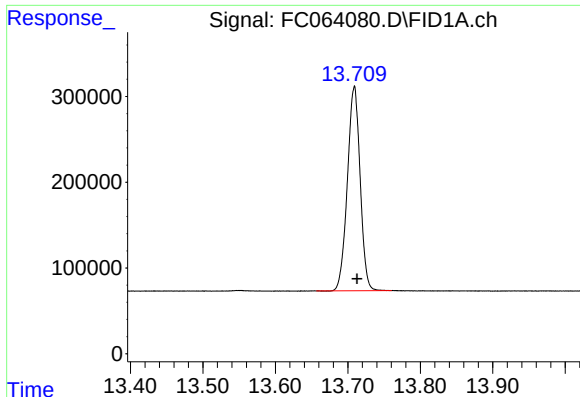
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.004 min
Response: 2965285
Conc: 18.51 ug/ml



#12 1-chlorooctadecane (SURR)

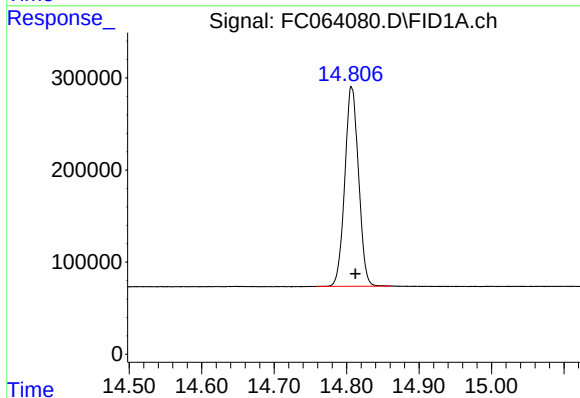
R.T.: 12.956 min
Delta R.T.: -0.005 min
Response: 2613247
Conc: 18.78 ug/ml



#13 n-Docosane (C22)

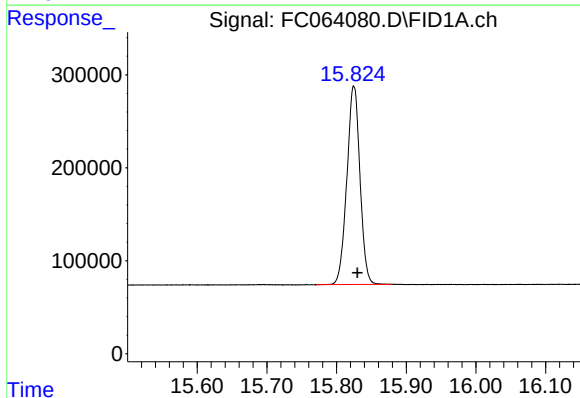
R.T.: 13.709 min
Delta R.T.: -0.004 min
Response: 2916700
Conc: 18.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



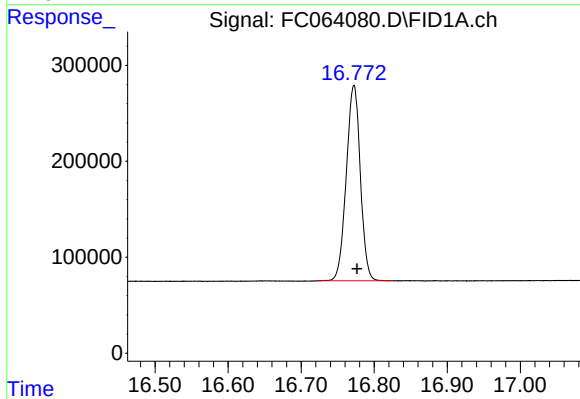
#14 n-Tetracosane (C24)

R.T.: 14.807 min
Delta R.T.: -0.005 min
Response: 2861029
Conc: 18.15 ug/ml



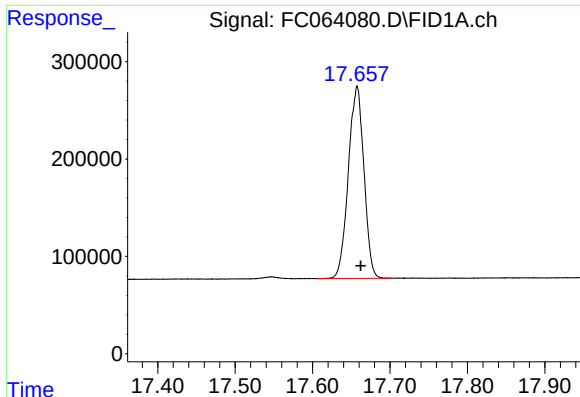
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: -0.005 min
Response: 2792738
Conc: 18.48 ug/ml



#16 n-Octacosane (C28)

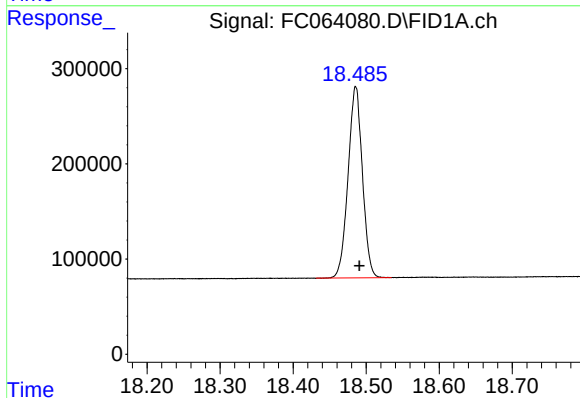
R.T.: 16.772 min
Delta R.T.: -0.005 min
Response: 2724982
Conc: 18.08 ug/ml



#17 n-Tricontane (C30)

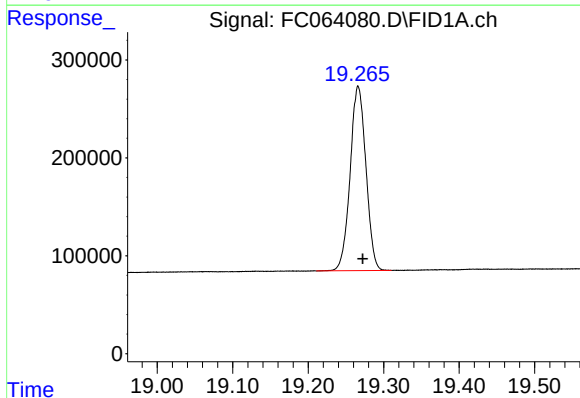
R.T.: 17.658 min
Delta R.T.: -0.004 min
Response: 2760534
Conc: 17.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



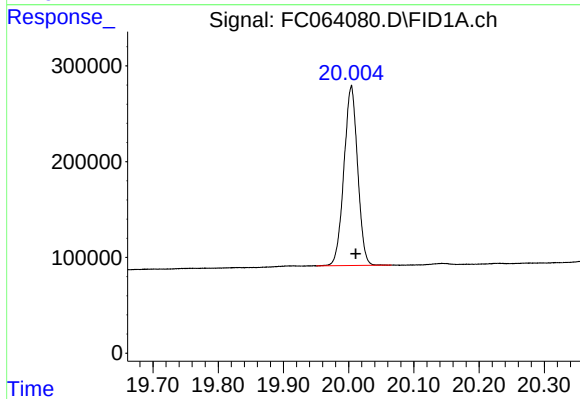
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.005 min
Response: 2742677
Conc: 17.36 ug/ml



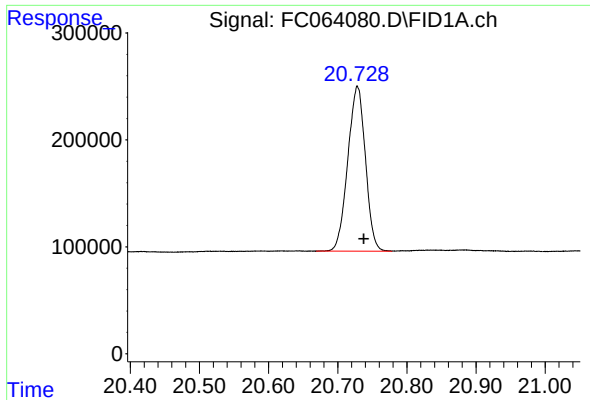
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.006 min
Response: 2732564
Conc: 17.76 ug/ml



#20 n-Hexatriacontane (C36)

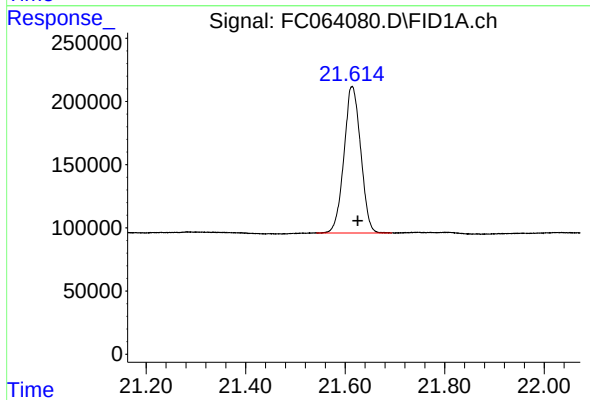
R.T.: 20.004 min
Delta R.T.: -0.007 min
Response: 2727576
Conc: 18.47 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.009 min
Response: 2727397
Conc: 18.41 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: -0.011 min
Response: 2706704
Conc: 18.57 ug/ml