

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070723AL\
 Data File : FC064070.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2023 14:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 07 16:15:52 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)	11.521	4020921	20.709 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
12) S 1-chlorooctadecane (S...	12.957	2898591	20.834 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
Target Compounds			
1) T n-Nonane (C9)	3.305	3604509	20.210 ug/ml
2) T n-Decane (C10)	4.368	3705647	20.478 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3861096	20.700 ug/ml
4) T n-Dodecane (C12)	6.382	3684816	20.454 ug/ml
5) T A~2-methylnaphthalene...	7.004	3679296	20.906 ug/ml
6) T n-Tetradecane (C14)	8.174	3554236	20.546 ug/ml
7) T n-Hexadecane (C16)	9.770	3587877	20.654 ug/ml
8) T n-Octadecane (C18)	11.208	3571456	20.723 ug/ml
10) T n-Eicosane (C20)	12.515	3370097	20.644 ug/ml
11) T n-Heneicosane (C21)	13.125	3283518	20.493 ug/ml
13) T n-Docosane (C22)	13.709	3227542	20.540 ug/ml
14) T n-Tetracosane (C24)	14.808	3175397	20.146 ug/ml
15) T n-Hexacosane (C26)	15.827	3109477	20.581 ug/ml
16) T n-Octacosane (C28)	16.773	3073368	20.396 ug/ml
17) T n-Tricontane (C30)	17.657	3235006	20.720 ug/ml
18) T n-Dotriacontane (C32)	18.486	3268562	20.690 ug/ml
19) T n-Tetratriacontane (C34)	19.268	3172228	20.615 ug/ml
20) T n-Hexatriacontane (C36)	20.005	3034937	20.557 ug/mlm
21) T n-Octatriacontane (C38)	20.729	3010995	20.327 ug/ml
22) T n-Tetracontane (C40)	21.619	3015847	20.691 ug/ml

(f)=RT Delta > 1/2 Window

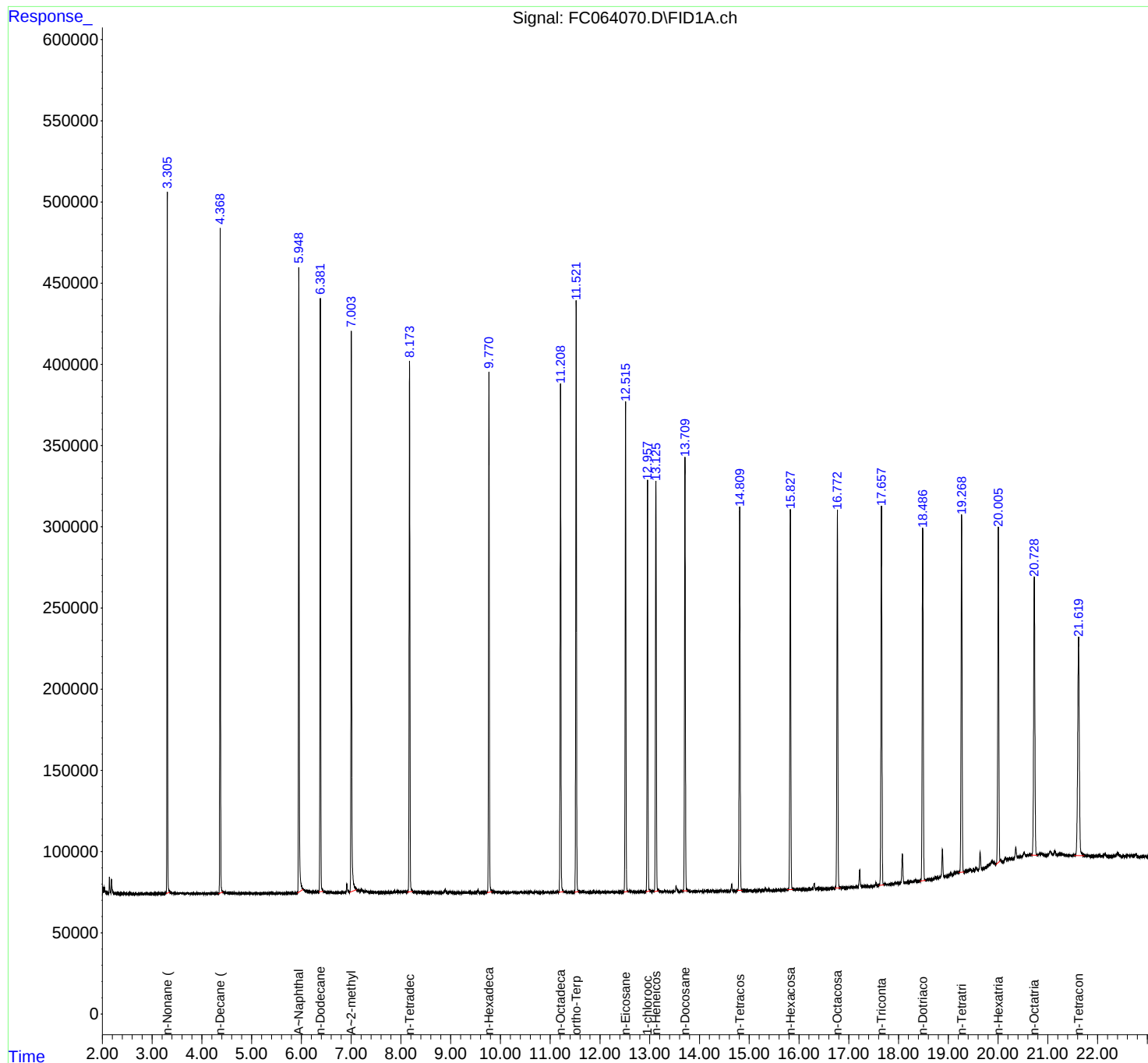
(m)=manual int.

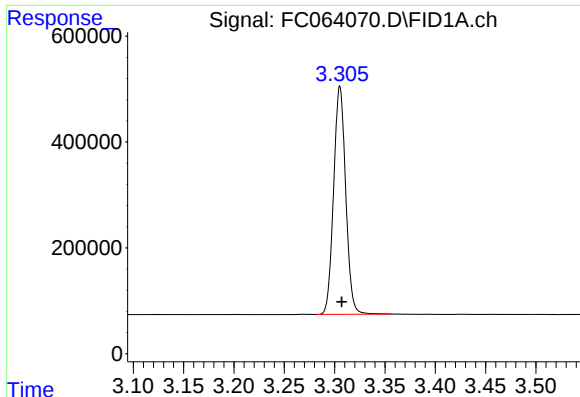
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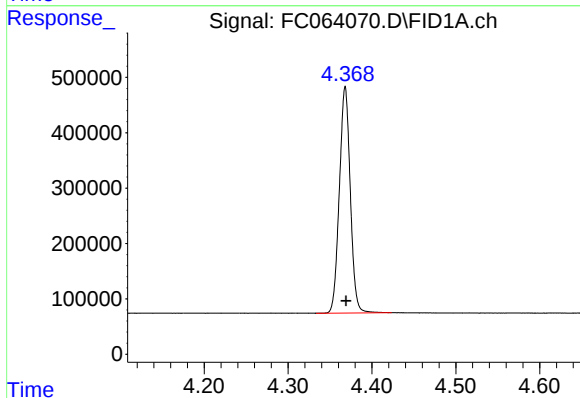




#1 n-Nonane (C9)

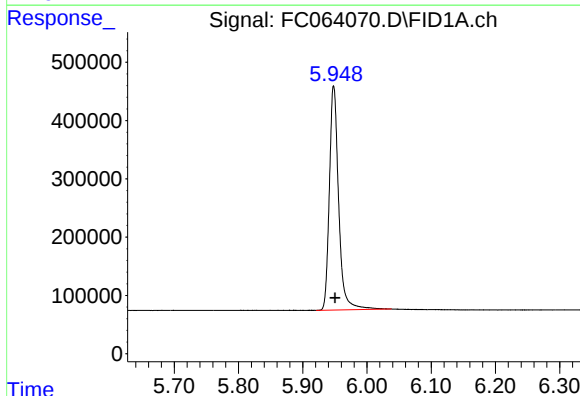
R.T.: 3.305 min
Delta R.T.: -0.002 min
Response: 3604509
Conc: 20.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



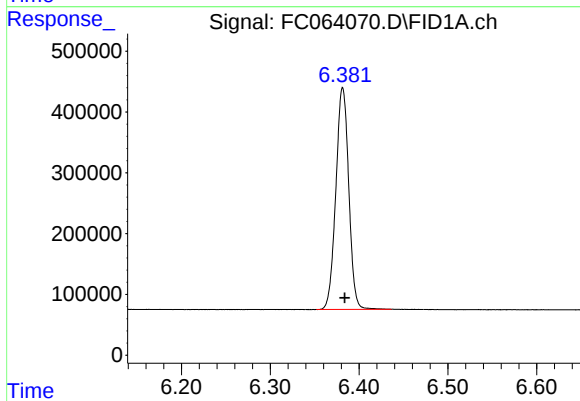
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 3705647
Conc: 20.48 ug/ml



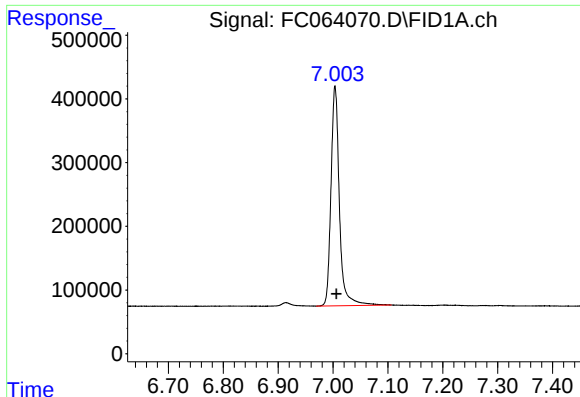
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 3861096
Conc: 20.70 ug/ml



#4 n-Dodecane (C12)

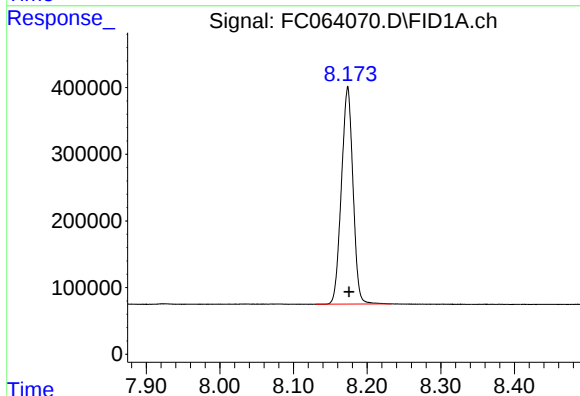
R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 3684816
Conc: 20.45 ug/ml



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

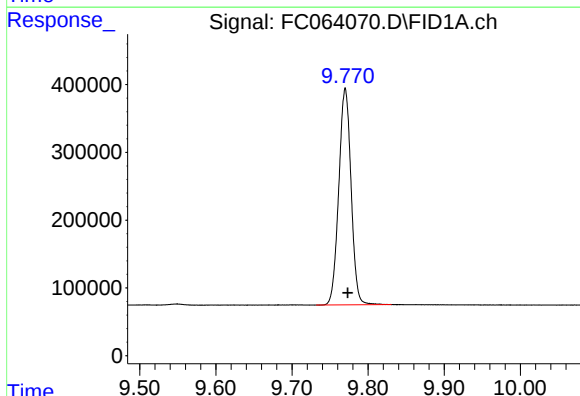
R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 3679296
Conc: 20.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



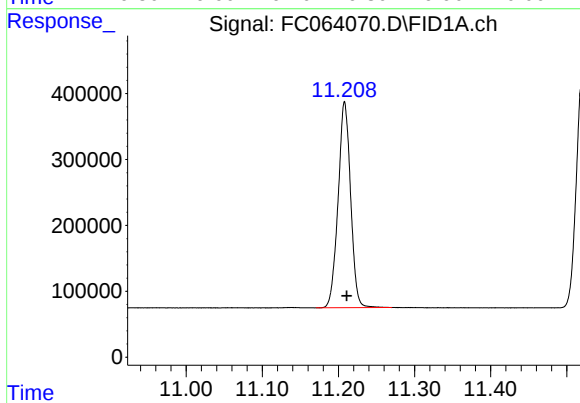
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.002 min
Response: 3554236
Conc: 20.55 ug/ml



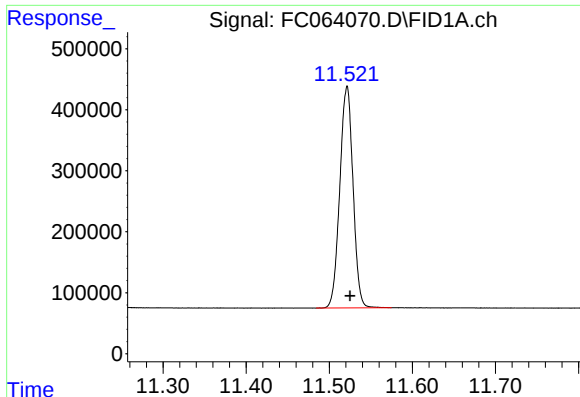
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.003 min
Response: 3587877
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

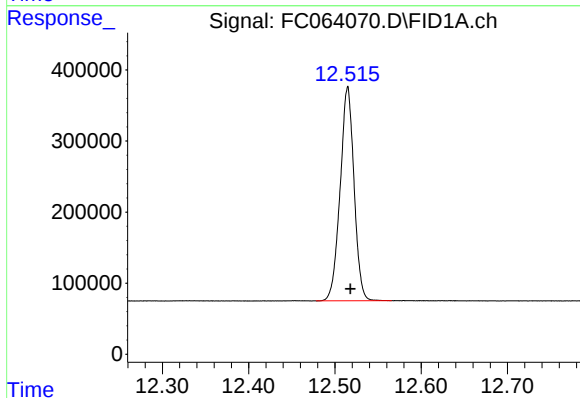
R.T.: 11.208 min
Delta R.T.: -0.003 min
Response: 3571456
Conc: 20.72 ug/ml



#9 ortho-Terphenyl (SURR)

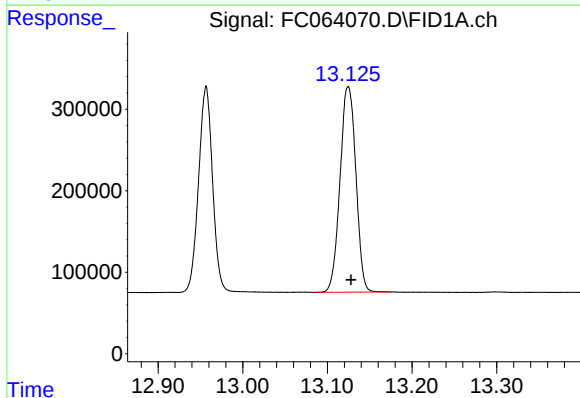
R.T.: 11.521 min
Delta R.T.: -0.004 min
Response: 4020921
Conc: 20.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



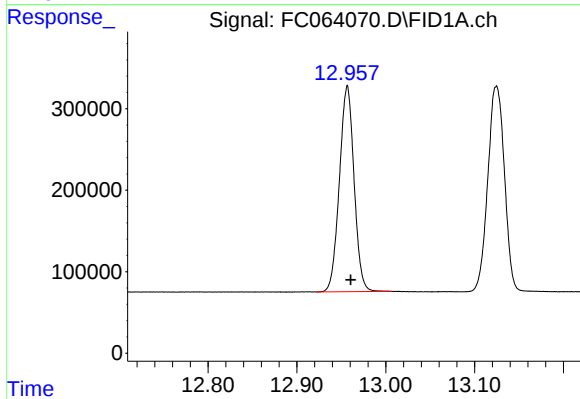
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.003 min
Response: 3370097
Conc: 20.64 ug/ml



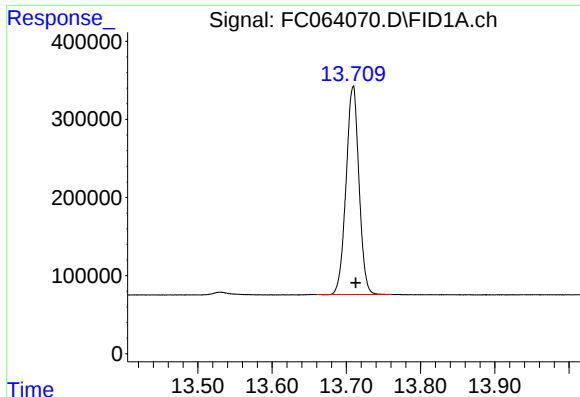
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.003 min
Response: 3283518
Conc: 20.49 ug/ml



#12 1-chlorooctadecane (SURR)

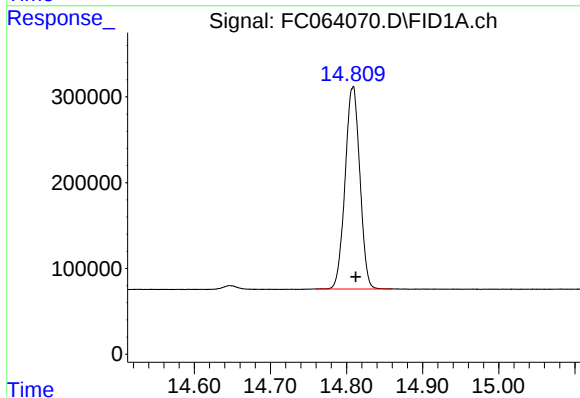
R.T.: 12.957 min
Delta R.T.: -0.004 min
Response: 2898591
Conc: 20.83 ug/ml



#13 n-Docosane (C22)

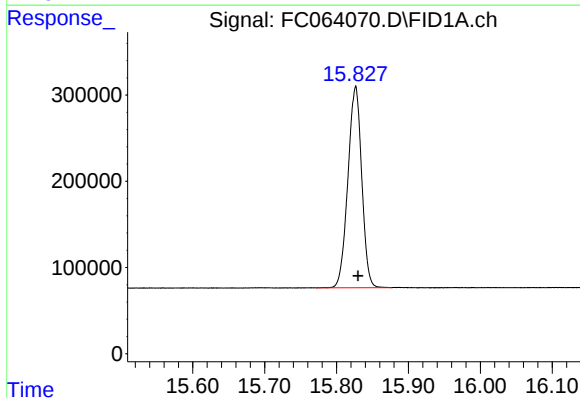
R.T.: 13.709 min
Delta R.T.: -0.004 min
Response: 3227542
Conc: 20.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



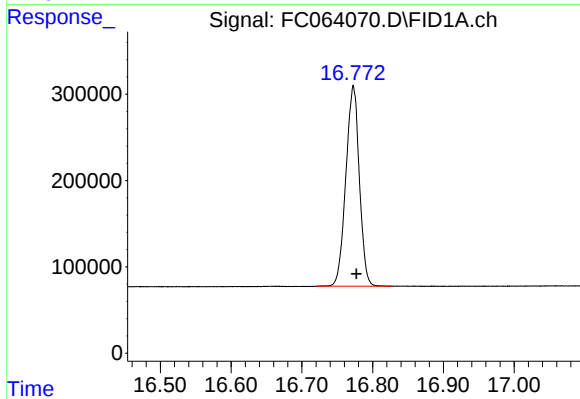
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.004 min
Response: 3175397
Conc: 20.15 ug/ml



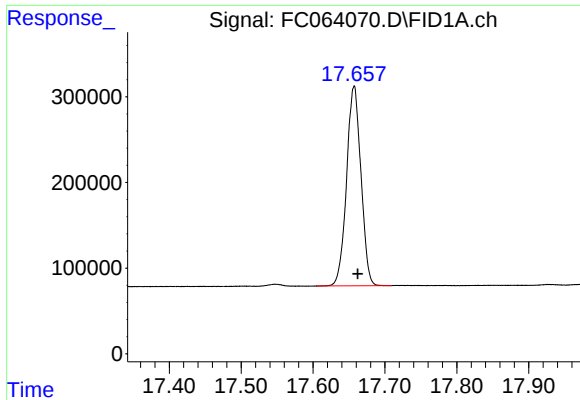
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.004 min
Response: 3109477
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

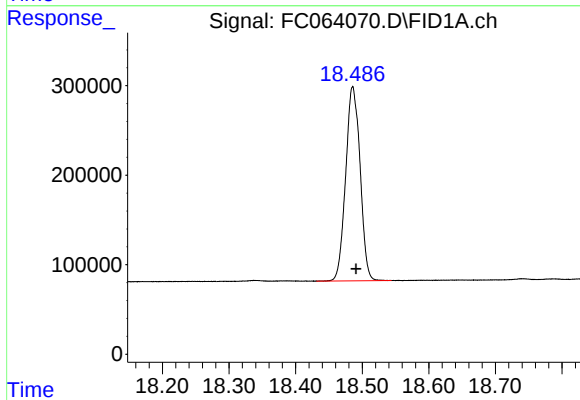
R.T.: 16.773 min
Delta R.T.: -0.004 min
Response: 3073368
Conc: 20.40 ug/ml



#17 n-Tricontane (C30)

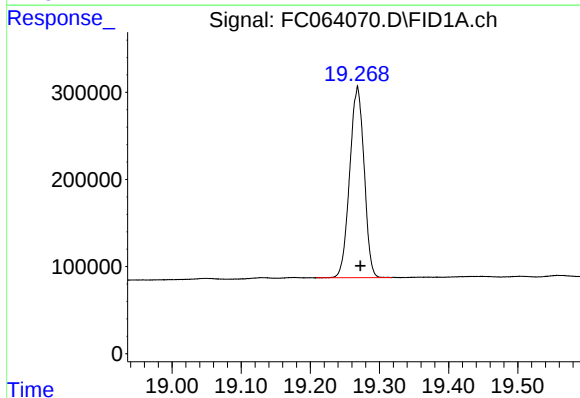
R.T.: 17.657 min
Delta R.T.: -0.005 min
Response: 3235006
Conc: 20.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



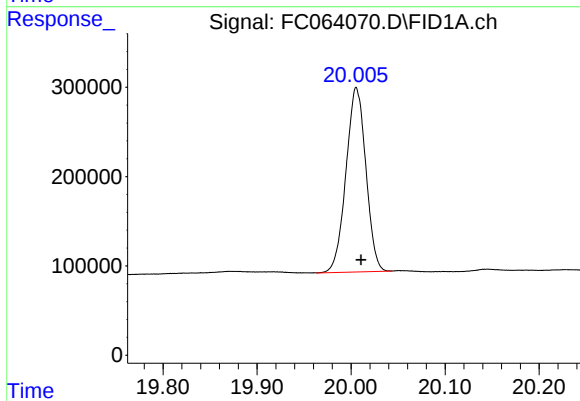
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.005 min
Response: 3268562
Conc: 20.69 ug/ml



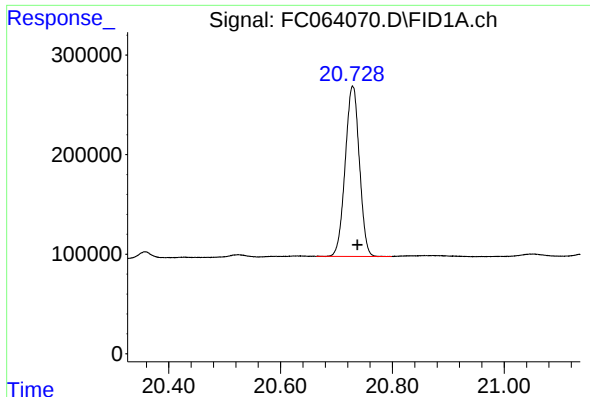
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.004 min
Response: 3172228
Conc: 20.62 ug/ml



#20 n-Hexatriacontane (C36)

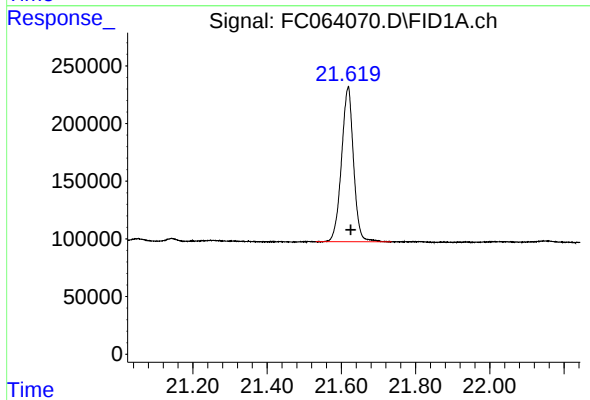
R.T.: 20.005 min
Delta R.T.: -0.006 min
Response: 3034937
Conc: 20.56 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.008 min
Response: 3010995
Conc: 20.33 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.619 min
Delta R.T.: -0.007 min
Response: 3015847
Conc: 20.69 ug/ml