

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091423AL\
 Data File : FC064572.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 14:01
 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: Sep 14 15:59:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.505	4129047	19.449 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
12) S 1-chlorooctadecane (S...	12.939	3020375	19.809 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
Target Compounds			
1) T n-Nonane (C9)	3.302	3483320	19.736 ug/ml
2) T n-Decane (C10)	4.361	3564774	20.321 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3746903	20.150 ug/ml
4) T n-Dodecane (C12)	6.371	3635462	20.396 ug/ml
5) T A~2-methylnaphthalene...	6.992	3648827	20.512 ug/ml
6) T n-Tetradecane (C14)	8.159	3552829	20.365 ug/ml
7) T n-Hexadecane (C16)	9.755	3544033	20.508 ug/ml
8) T n-Octadecane (C18)	11.192	3565287	20.364 ug/ml
10) T n-Eicosane (C20)	12.498	3387233	20.024 ug/ml
11) T n-Heneicosane (C21)	13.107	3306968	19.814 ug/ml
13) T n-Docosane (C22)	13.690	3253659	19.948 ug/ml
14) T n-Tetracosane (C24)	14.788	3141775	19.729 ug/ml
15) T n-Hexacosane (C26)	15.805	3019147	19.542 ug/ml
16) T n-Octacosane (C28)	16.751	2958939	19.986 ug/ml
17) T n-Tricontane (C30)	17.636	3066583	20.994 ug/ml
18) T n-Dotriacontane (C32)	18.465	3076436	21.779 ug/ml
19) T n-Tetratriacontane (C34)	19.246	2942514	22.023 ug/ml
20) T n-Hexatriacontane (C36)	19.981	2840322	22.197 ug/ml
21) T n-Octatriacontane (C38)	20.700	2764357	22.512 ug/ml
22) T n-Tetracontane (C40)	21.580	2720202	23.423 ug/ml

(f)=RT Delta > 1/2 Window

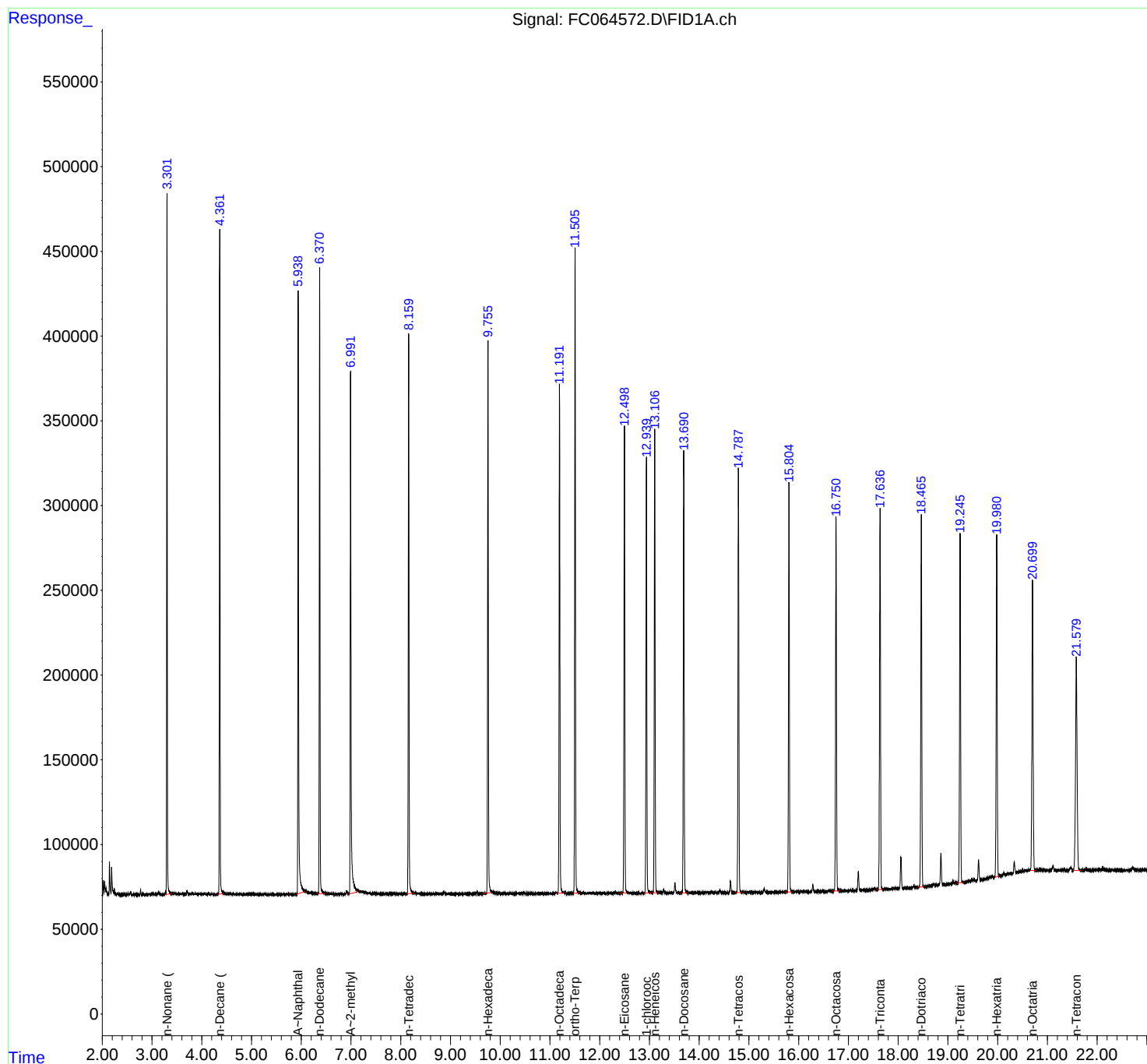
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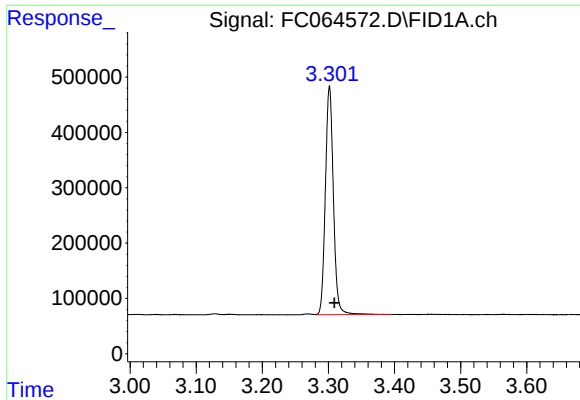
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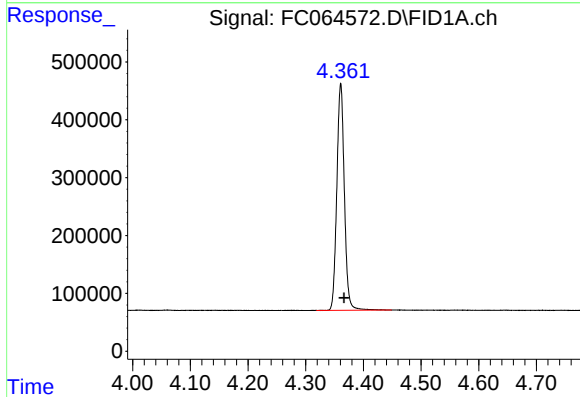




#1 n-Nonane (C9)

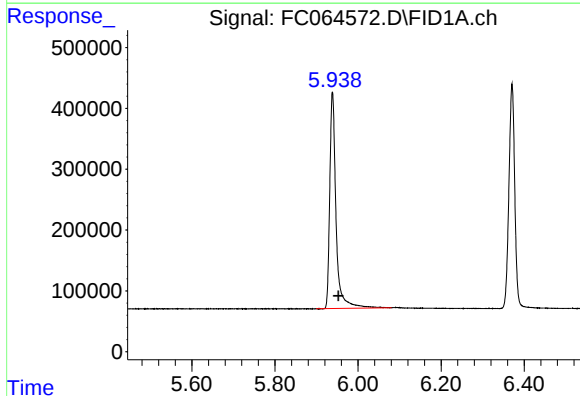
R.T.: 3.302 min
Delta R.T.: -0.007 min
Response: 3483320
Conc: 19.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



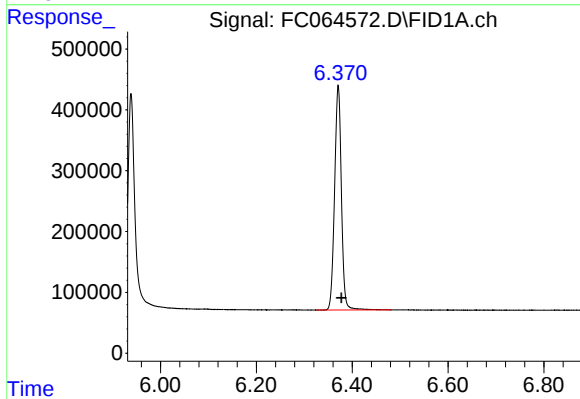
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.006 min
Response: 3564774
Conc: 20.32 ug/ml



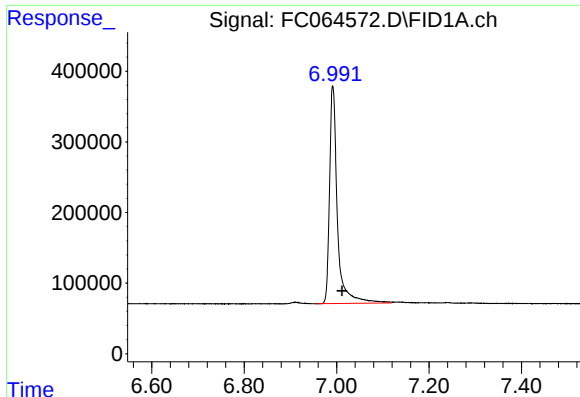
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.014 min
Response: 3746903
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

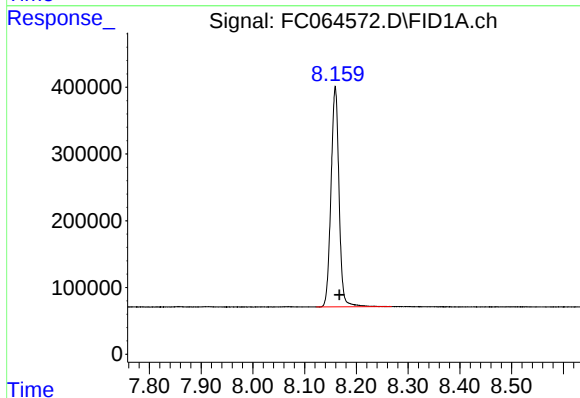
R.T.: 6.371 min
Delta R.T.: -0.006 min
Response: 3635462
Conc: 20.40 ug/ml



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

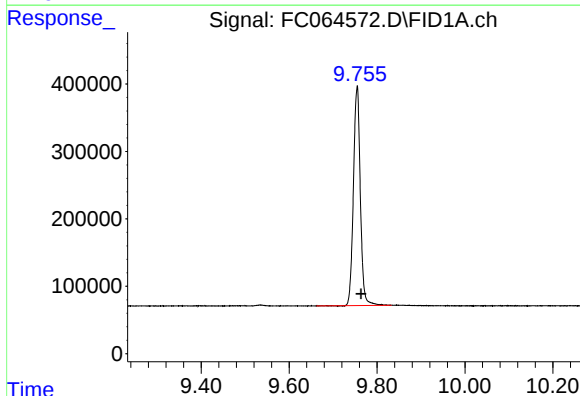
R.T.: 6.992 min
Delta R.T.: -0.020 min
Response: 3648827
Conc: 20.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



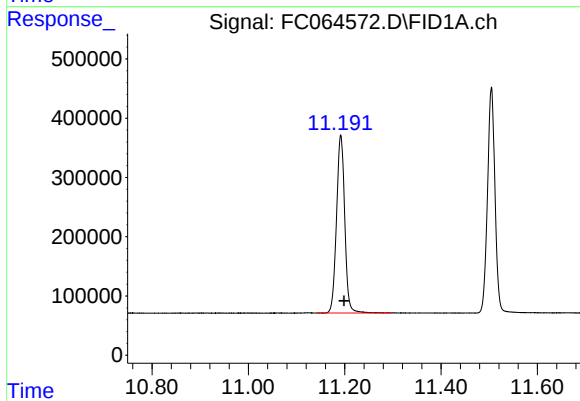
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.008 min
Response: 3552829
Conc: 20.37 ug/ml



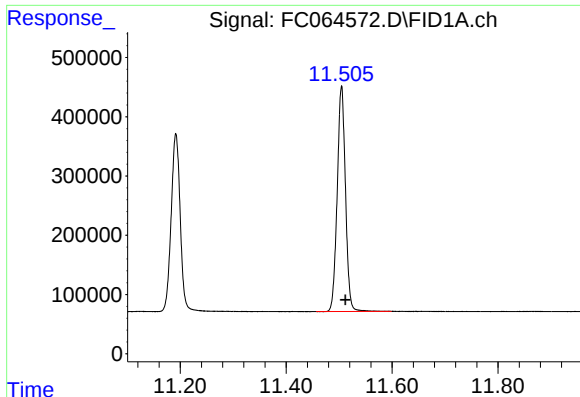
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: -0.008 min
Response: 3544033
Conc: 20.51 ug/ml



#8 n-Octadecane (C18)

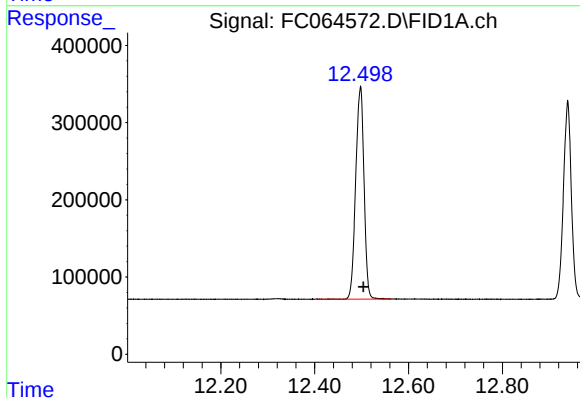
R.T.: 11.192 min
Delta R.T.: -0.007 min
Response: 3565287
Conc: 20.36 ug/ml



#9 ortho-Terphenyl (SURR)

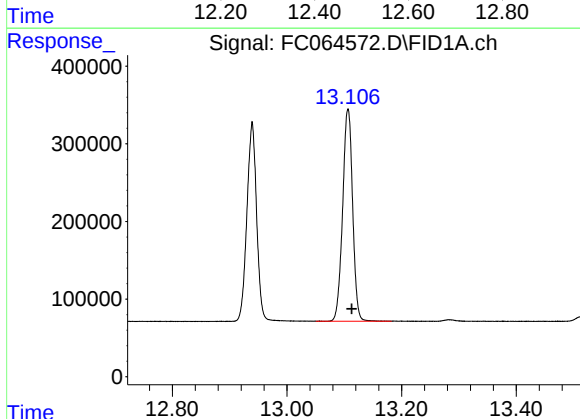
R.T.: 11.505 min
Delta R.T.: -0.008 min
Response: 4129047
Conc: 19.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



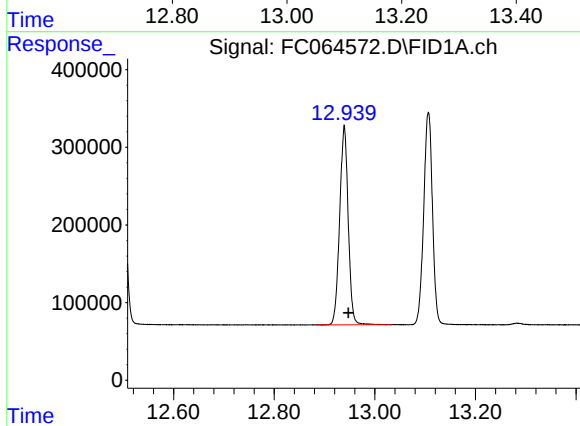
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.006 min
Response: 3387233
Conc: 20.02 ug/ml



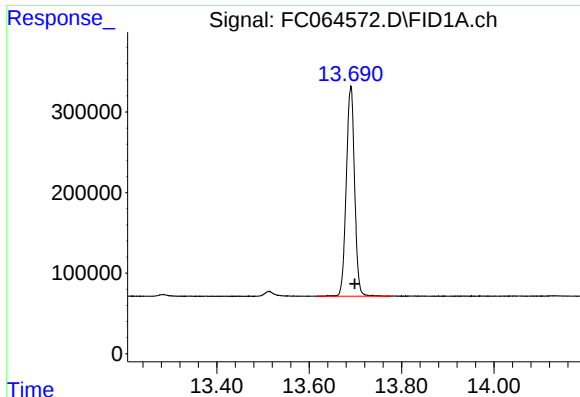
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: -0.006 min
Response: 3306968
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

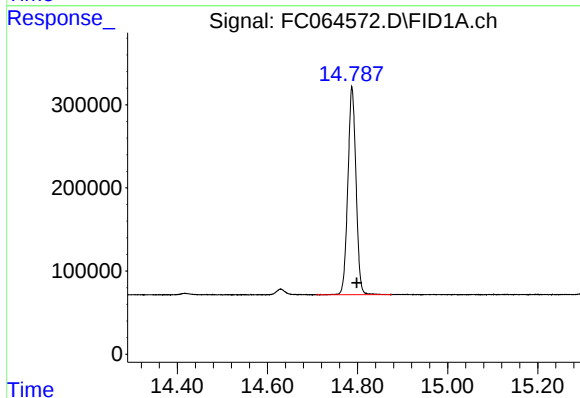
R.T.: 12.939 min
Delta R.T.: -0.008 min
Response: 3020375
Conc: 19.81 ug/ml



#13 n-Docosane (C22)

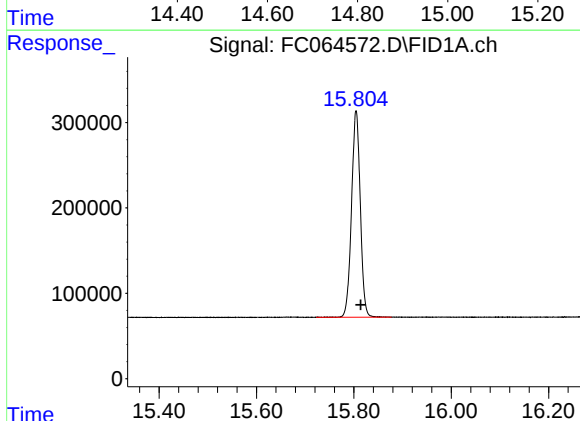
R.T.: 13.690 min
Delta R.T.: -0.008 min
Response: 3253659
Conc: 19.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



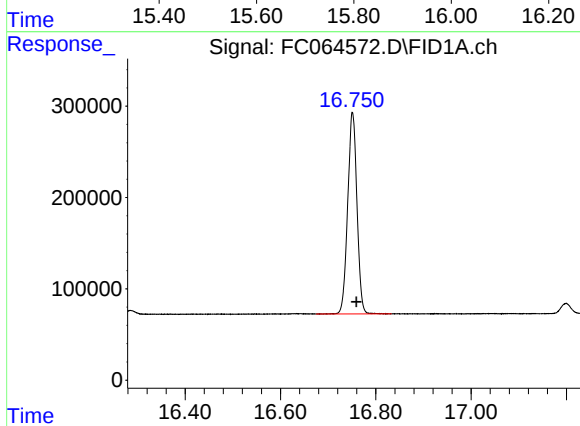
#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: -0.011 min
Response: 3141775
Conc: 19.73 ug/ml



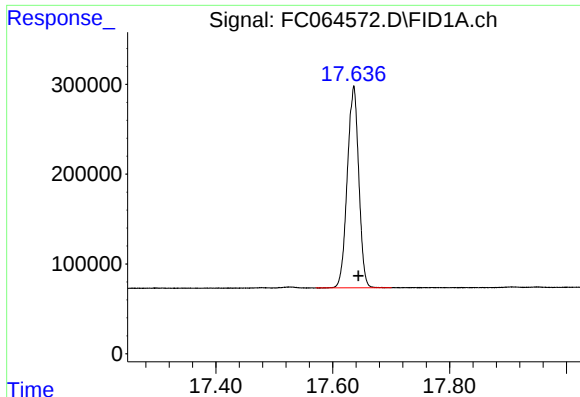
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.009 min
Response: 3019147
Conc: 19.54 ug/ml



#16 n-Octacosane (C28)

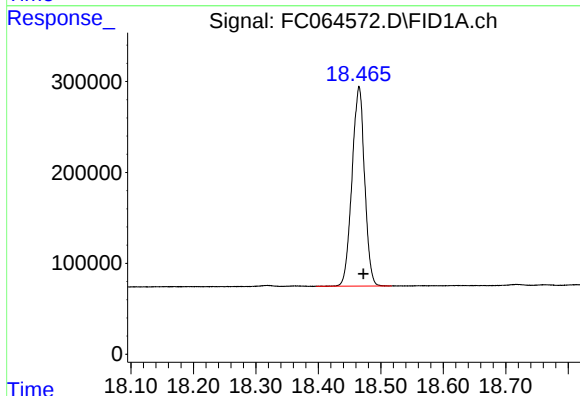
R.T.: 16.751 min
Delta R.T.: -0.008 min
Response: 2958939
Conc: 19.99 ug/ml



#17 n-Tricontane (C30)

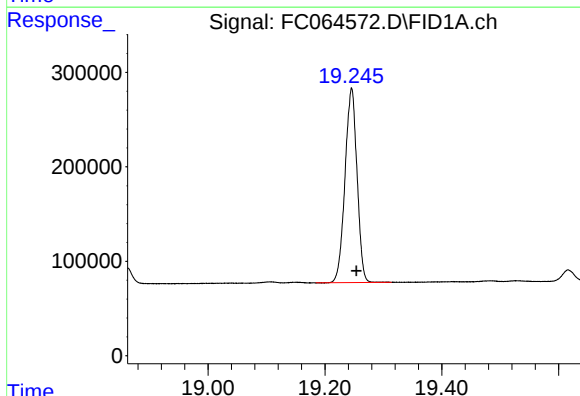
R.T.: 17.636 min
Delta R.T.: -0.008 min
Response: 3066583
Conc: 20.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



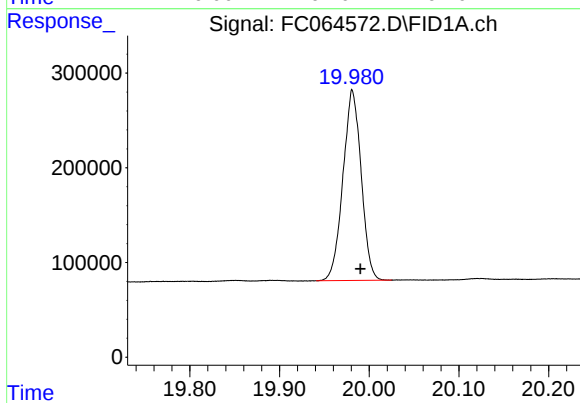
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: -0.007 min
Response: 3076436
Conc: 21.78 ug/ml



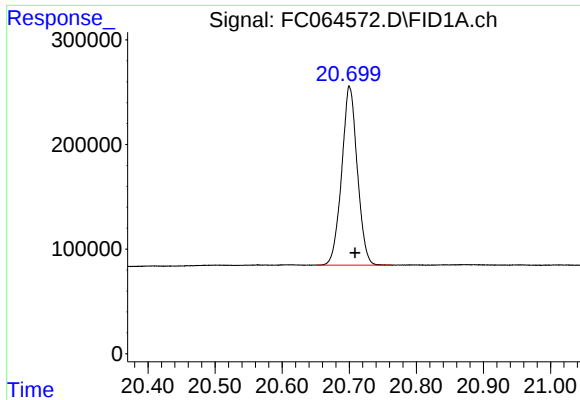
#19 n-Tetratriacontane (C34)

R.T.: 19.246 min
Delta R.T.: -0.008 min
Response: 2942514
Conc: 22.02 ug/ml



#20 n-Hexatriacontane (C36)

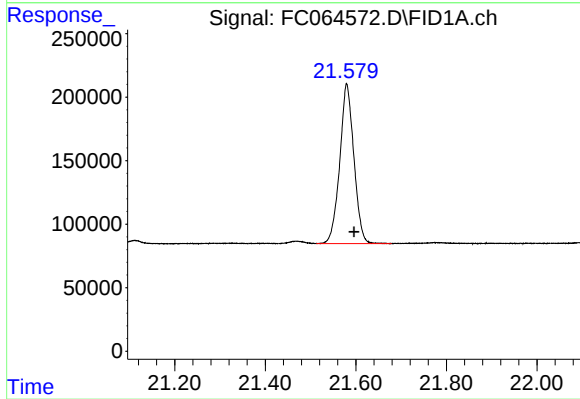
R.T.: 19.981 min
Delta R.T.: -0.009 min
Response: 2840322
Conc: 22.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.700 min
Delta R.T.: -0.008 min
Response: 2764357
Conc: 22.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: -0.016 min
Response: 2720202
Conc: 23.42 ug/ml