

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050124AL\
 Data File : FC066280.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2024 18:36
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 02 09:03:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 08:48:13 2024
 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)	11.561	798278	4.828 ug/ml
Spiked Amount 50.000		Recovery =	9.66%
12) S 1-chlorooctadecane (S...	13.000	602830	4.915 ug/ml
Spiked Amount 50.000		Recovery =	9.83%
Target Compounds			
1) T n-Nonane (C9)	3.323	722979	4.787 ug/ml
2) T n-Decane (C10)	4.388	733841	4.772 ug/ml
3) T A~Naphthalene (C11.7)	5.969	811628	4.777 ug/ml
4) T n-Dodecane (C12)	6.406	737847	4.801 ug/ml
5) T A~2-methylnaphthalene...	7.025	788449	4.784 ug/ml
6) T n-Tetradecane (C14)	8.202	758599	5.013 ug/ml
7) T n-Hexadecane (C16)	9.803	737709	4.825 ug/ml
8) T n-Octadecane (C18)	11.246	738042	4.862 ug/ml
10) T n-Eicosane (C20)	12.557	702500	4.883 ug/ml
11) T n-Heneicosane (C21)	13.169	693816	4.936 ug/ml
13) T n-Docosane (C22)	13.755	686727	4.905 ug/ml
14) T n-Tetracosane (C24)	14.859	687160	4.881 ug/ml
15) T n-Hexacosane (C26)	15.879	656568	4.800 ug/ml
16) T n-Octacosane (C28)	16.831	633049	4.727 ug/ml
17) T n-Tricontane (C30)	17.718	637011	4.727 ug/ml
18) T n-Dotriacontane (C32)	18.551	615654	4.782 ug/ml
19) T n-Tetratriacontane (C34)	19.335	573589	4.848 ug/ml
20) T n-Hexatriacontane (C36)	20.075	529688	4.608 ug/ml
21) T n-Octatriacontane (C38)	20.809	527218	4.898 ug/ml
22) T n-Tetracontane (C40)	21.723	518812	4.838 ug/ml

(f)=RT Delta > 1/2 Window

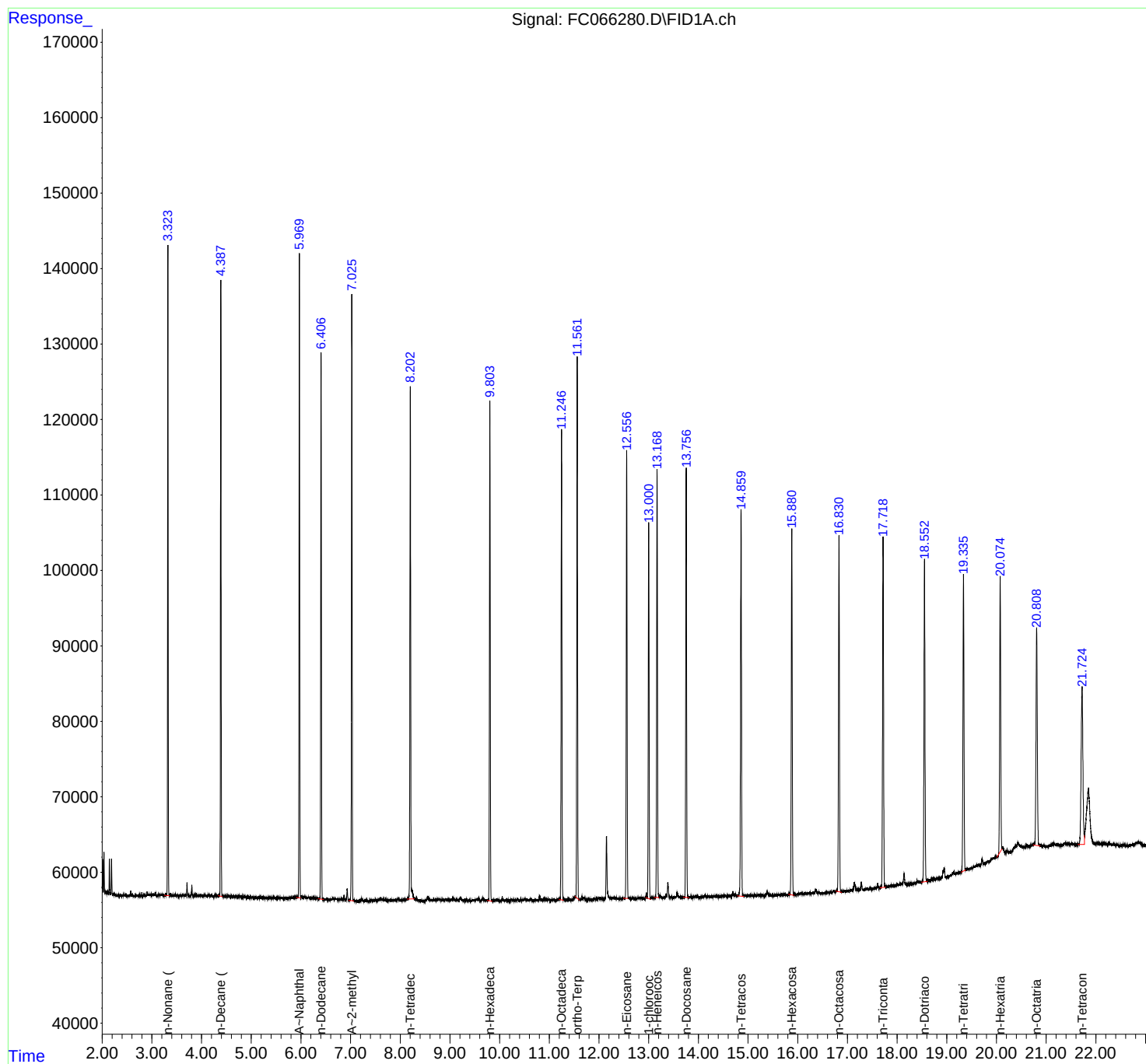
(m)=manual int.

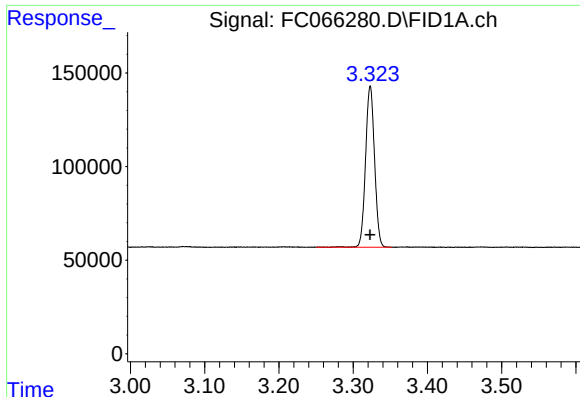
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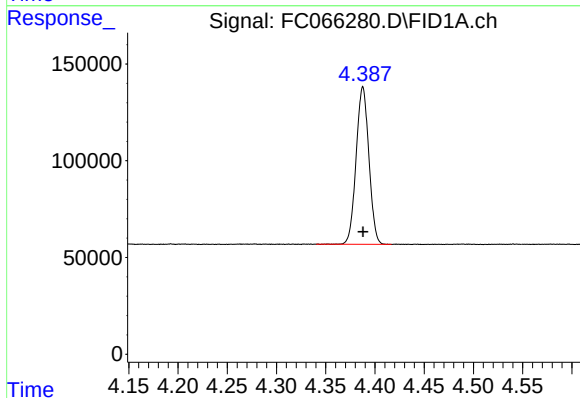




#1 n-Nonane (C9)

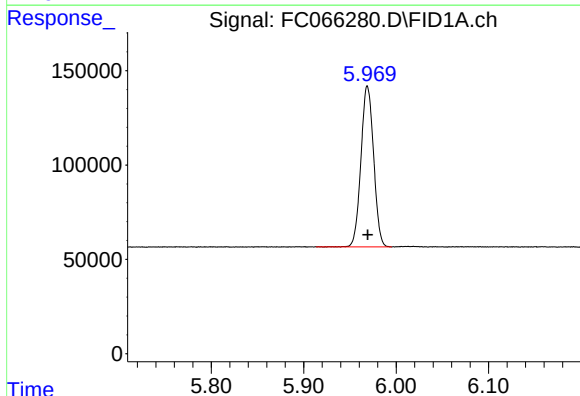
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 722979
Conc: 4.79 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



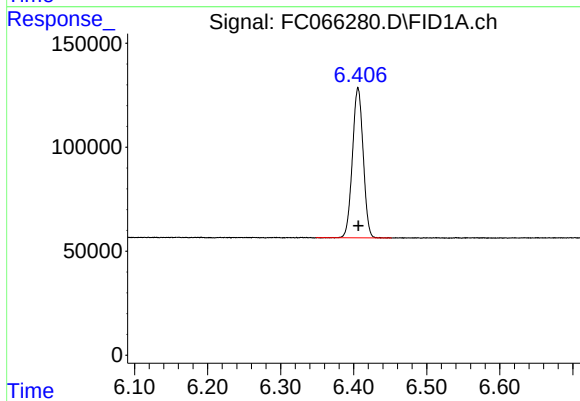
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: 0.000 min
Response: 733841
Conc: 4.77 ug/ml



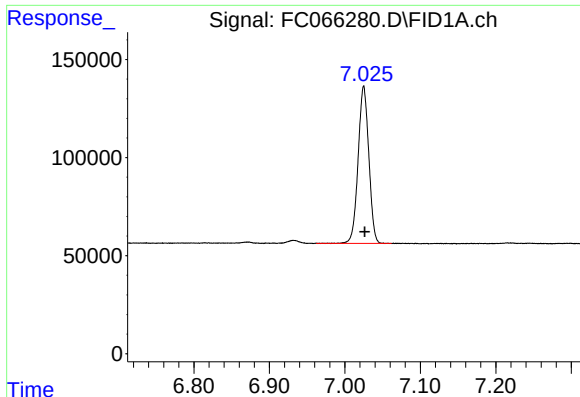
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 811628
Conc: 4.78 ug/ml



#4 n-Dodecane (C12)

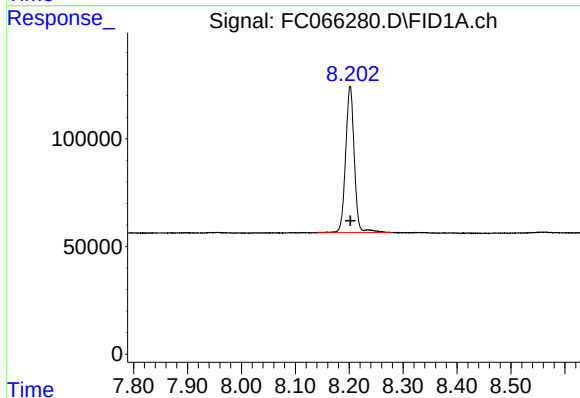
R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 737847
Conc: 4.80 ug/ml



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

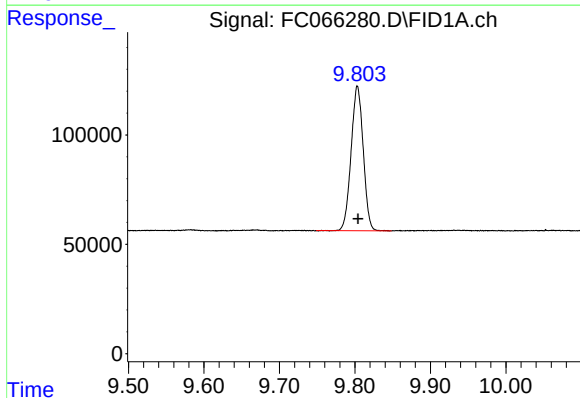
R.T.: 7.025 min
Delta R.T.: -0.001 min
Response: 788449
Conc: 4.78 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



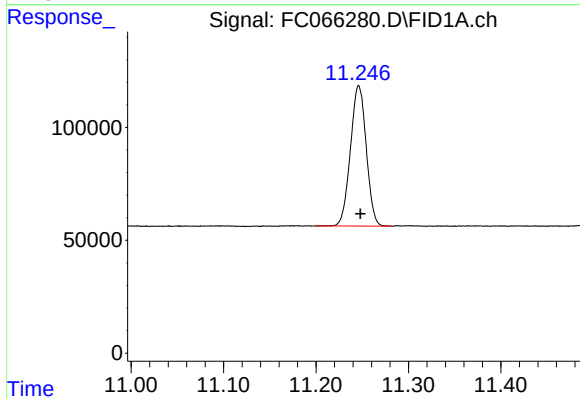
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 758599
Conc: 5.01 ug/ml



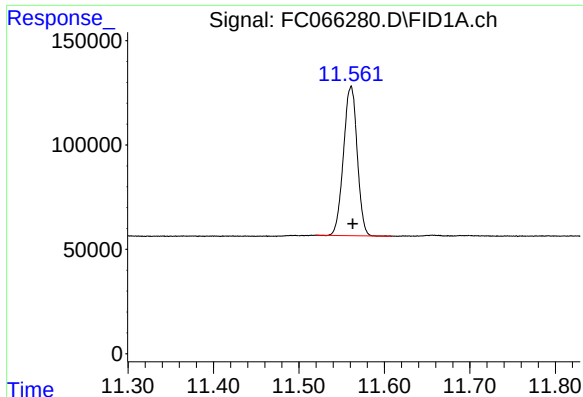
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 737709
Conc: 4.82 ug/ml



#8 n-Octadecane (C18)

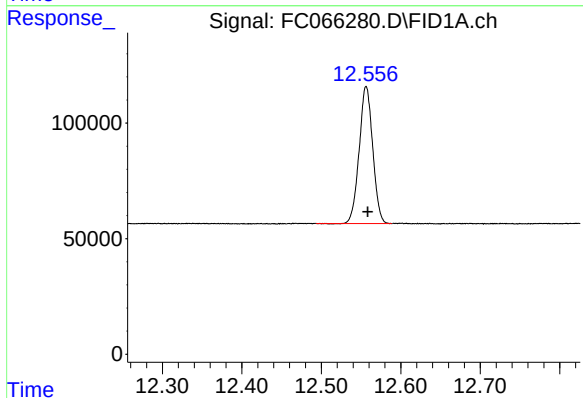
R.T.: 11.246 min
Delta R.T.: -0.002 min
Response: 738042
Conc: 4.86 ug/ml



#9 ortho-Terphenyl (SURR)

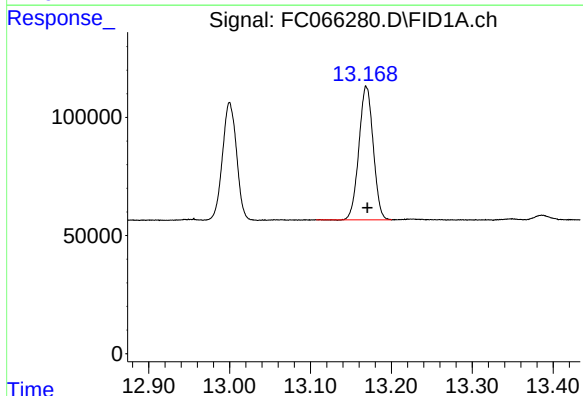
R.T.: 11.561 min
Delta R.T.: -0.002 min
Response: 798278
Conc: 4.83 ug/ml

Instrument :
FID_C
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5 PPM ALIPHATIC HC STD5



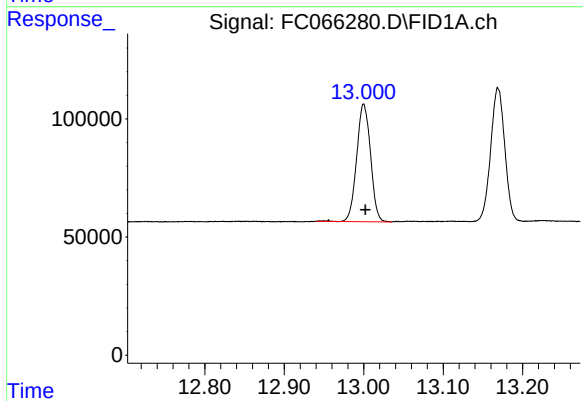
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: -0.002 min
Response: 702500
Conc: 4.88 ug/ml



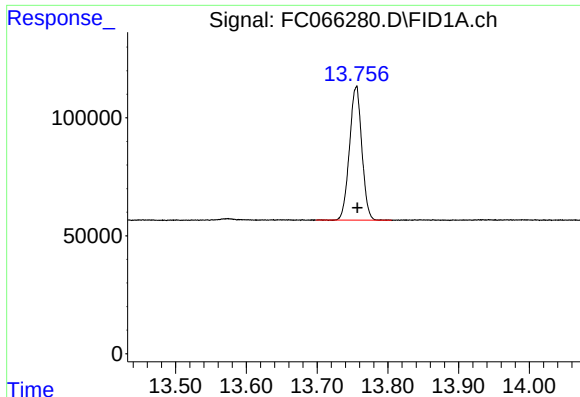
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.001 min
Response: 693816
Conc: 4.94 ug/ml



#12 1-chlorooctadecane (SURR)

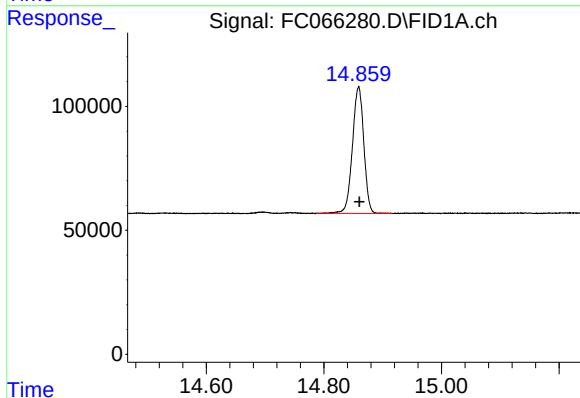
R.T.: 13.000 min
Delta R.T.: -0.002 min
Response: 602830
Conc: 4.91 ug/ml



#13 n-Docosane (C22)

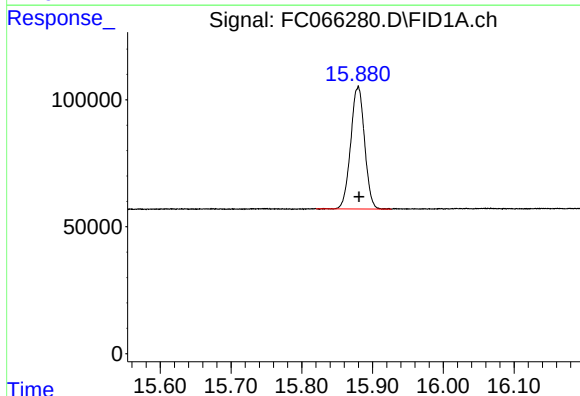
R.T.: 13.755 min
Delta R.T.: -0.002 min
Response: 686727
Conc: 4.90 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



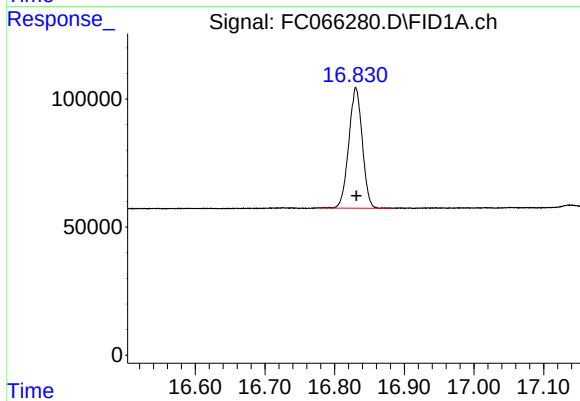
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: -0.001 min
Response: 687160
Conc: 4.88 ug/ml



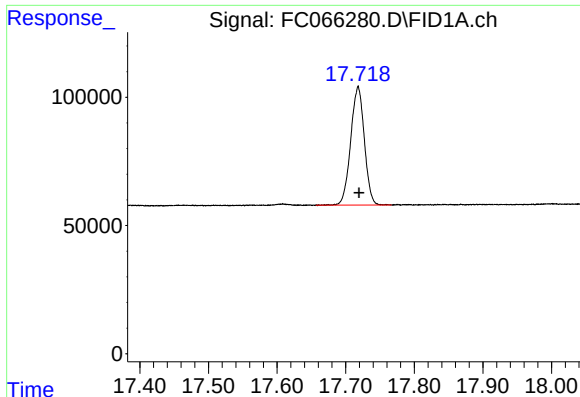
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: -0.002 min
Response: 656568
Conc: 4.80 ug/ml



#16 n-Octacosane (C28)

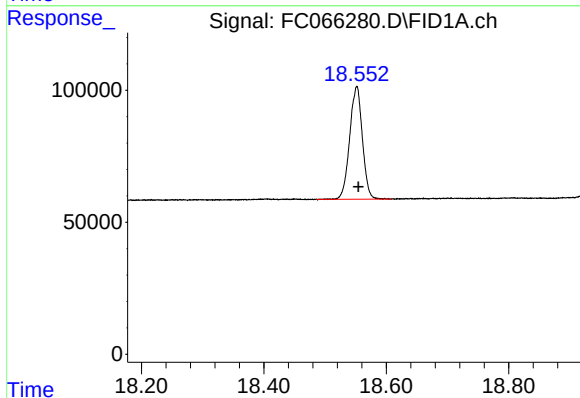
R.T.: 16.831 min
Delta R.T.: 0.000 min
Response: 633049
Conc: 4.73 ug/ml



#17 n-Tricontane (C30)

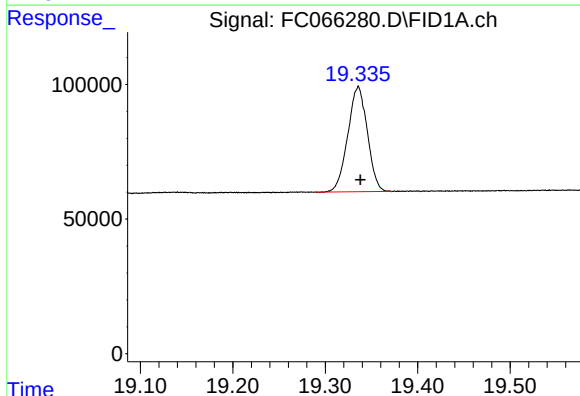
R.T.: 17.718 min
Delta R.T.: -0.002 min
Response: 637011
Conc: 4.73 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5



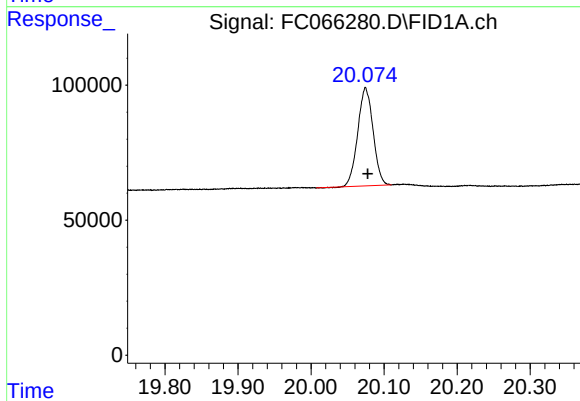
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: -0.003 min
Response: 615654
Conc: 4.78 ug/ml



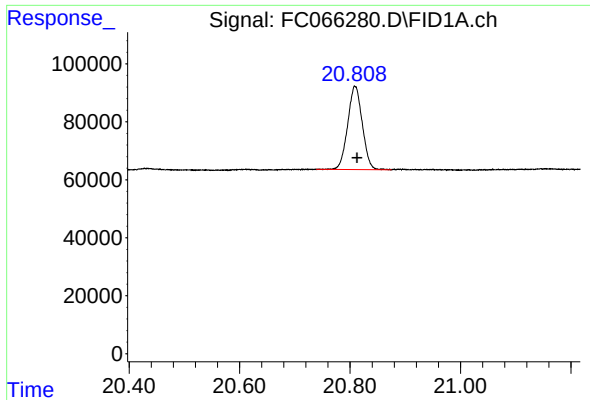
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: -0.002 min
Response: 573589
Conc: 4.85 ug/ml



#20 n-Hexatriacontane (C36)

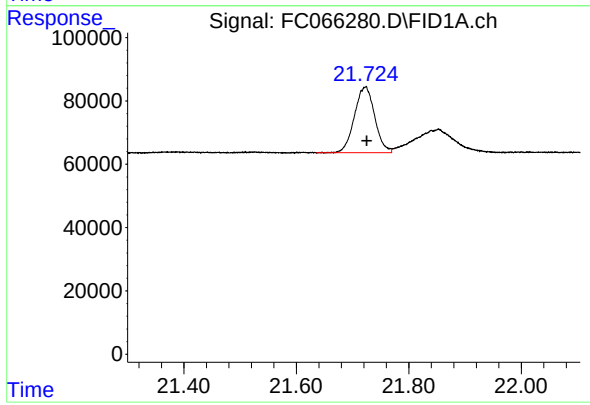
R.T.: 20.075 min
Delta R.T.: -0.003 min
Response: 529688
Conc: 4.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.004 min
Response: 527218
Conc: 4.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.003 min
Response: 518812
Conc: 4.84 ug/ml