

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052824AL\
 Data File : FC066488.D
 Signal(s) : FID1A.ch
 Acq On : 28 May 2024 13:46
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 28 15:37:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.562	2850231	18.752 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
12) S 1-chlorooctadecane (S...	13.002	2144914	18.771 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
Target Compounds			
1) T n-Nonane (C9)	3.312	2639618	18.860 ug/ml
2) T n-Decane (C10)	4.382	2691980	18.709 ug/ml
3) T A~Naphthalene (C11.7)	5.967	2980029	18.701 ug/ml
4) T n-Dodecane (C12)	6.404	2702096	18.765 ug/ml
5) T A~2-methylnaphthalene...	7.026	2872753	18.731 ug/ml
6) T n-Tetradecane (C14)	8.201	2642914	18.721 ug/ml
7) T n-Hexadecane (C16)	9.804	2692041	18.732 ug/ml
8) T n-Octadecane (C18)	11.247	2680545	18.731 ug/ml
10) T n-Eicosane (C20)	12.557	2552184	18.757 ug/ml
11) T n-Heneicosane (C21)	13.170	2499253	18.749 ug/ml
13) T n-Docosane (C22)	13.757	2478934	18.809 ug/ml
14) T n-Tetracosane (C24)	14.860	2455682	18.864 ug/ml
15) T n-Hexacosane (C26)	15.882	2410130	18.951 ug/ml
16) T n-Octacosane (C28)	16.832	2365799	19.056 ug/ml
17) T n-Tricontane (C30)	17.720	2412145	19.140 ug/ml
18) T n-Dotriacontane (C32)	18.552	2371027	19.264 ug/ml
19) T n-Tetratriacontane (C34)	19.336	2291093	19.104 ug/ml
20) T n-Hexatriacontane (C36)	20.077	2202348	18.178 ug/ml
21) T n-Octatriacontane (C38)	20.813	2156730	18.644 ug/ml
22) T n-Tetracontane (C40)	21.727	2216353	18.093 ug/ml

(f)=RT Delta > 1/2 Window

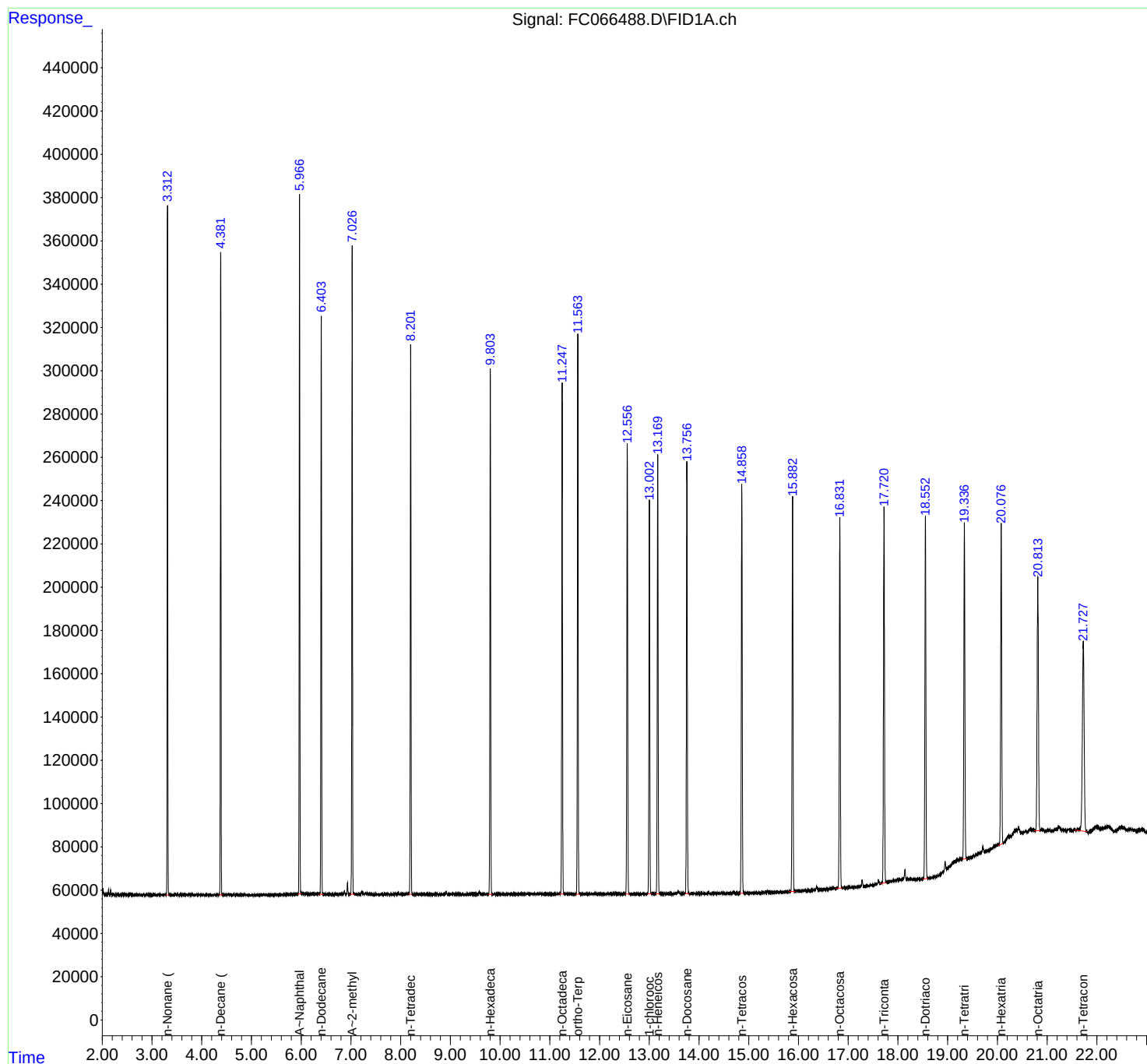
(m)=manual int.

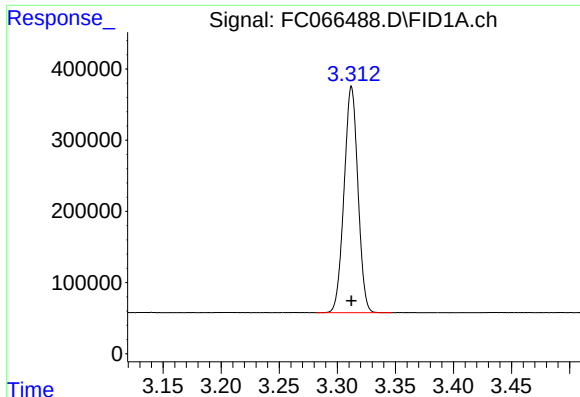
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052824AL\
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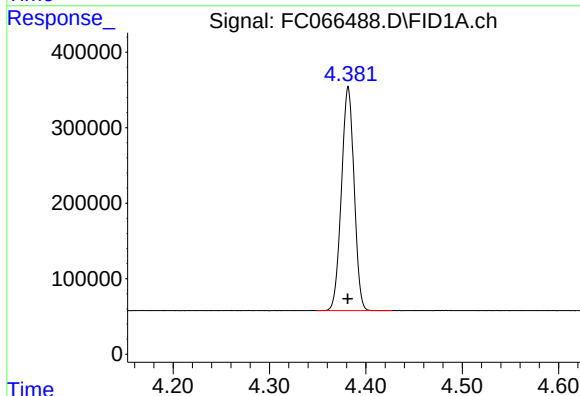




#1 n-Nonane (C9)

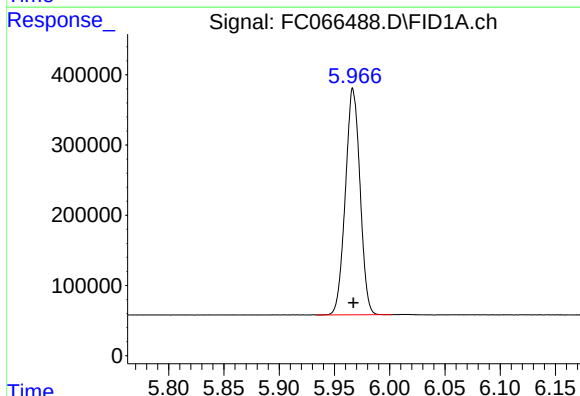
R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 2639618
Conc: 18.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



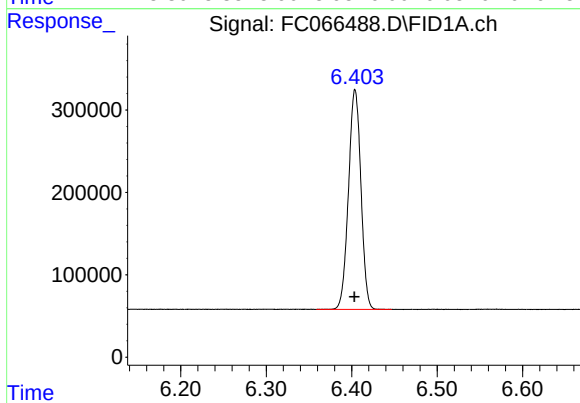
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: 0.000 min
Response: 2691980
Conc: 18.71 ug/ml



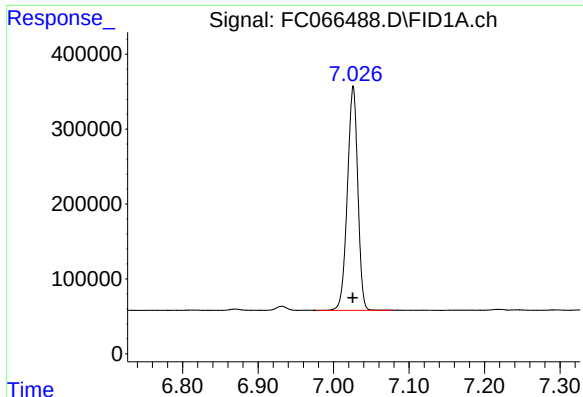
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 2980029
Conc: 18.70 ug/ml



#4 n-Dodecane (C12)

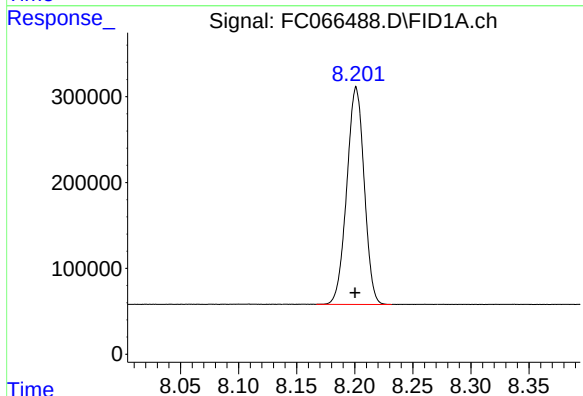
R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 2702096
Conc: 18.77 ug/ml



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

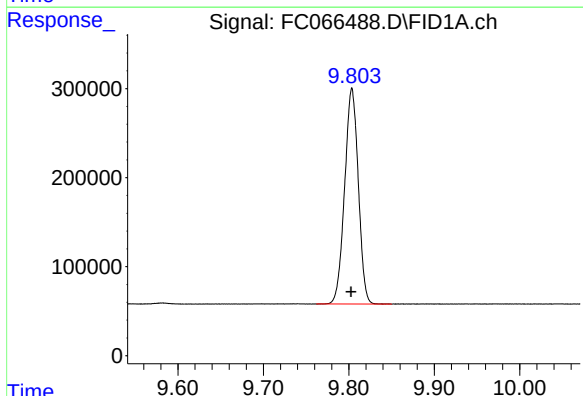
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 2872753
Conc: 18.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



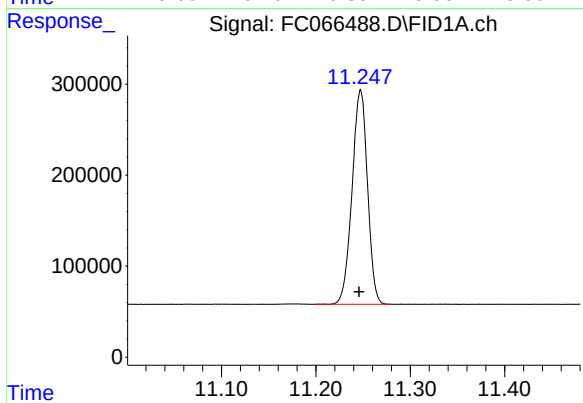
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 2642914
Conc: 18.72 ug/ml



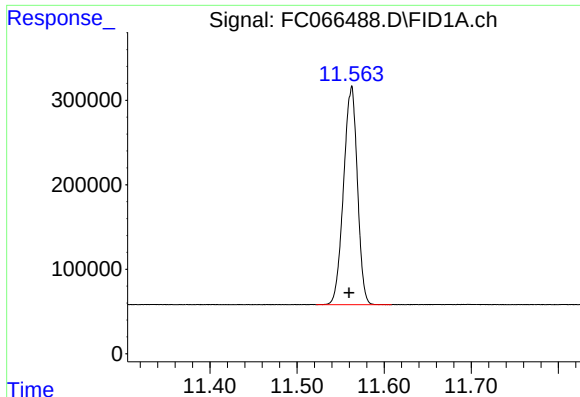
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: 0.001 min
Response: 2692041
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

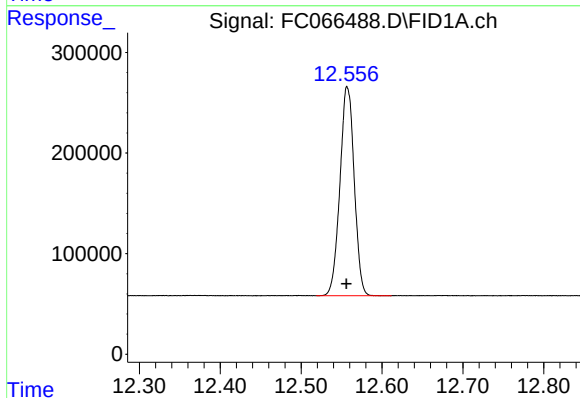
R.T.: 11.247 min
Delta R.T.: 0.001 min
Response: 2680545
Conc: 18.73 ug/ml



#9 ortho-Terphenyl (SURR)

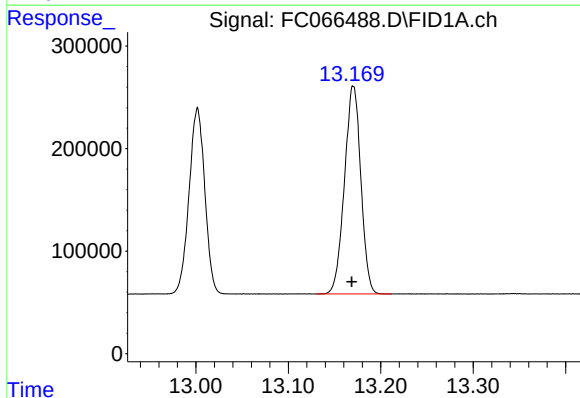
R.T.: 11.562 min
Delta R.T.: 0.002 min
Response: 2850231
Conc: 18.75 ug/ml

Instrument :
FID_C
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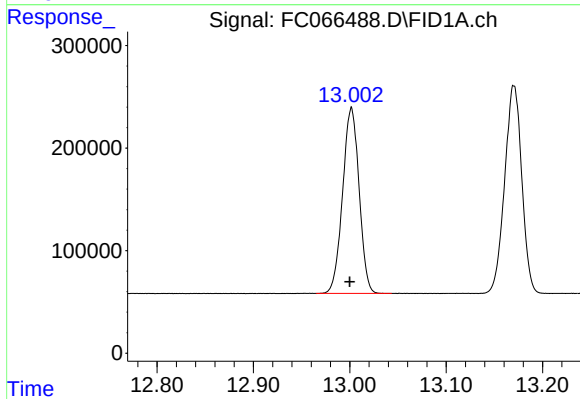
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: 0.001 min
Response: 2552184
Conc: 18.76 ug/ml



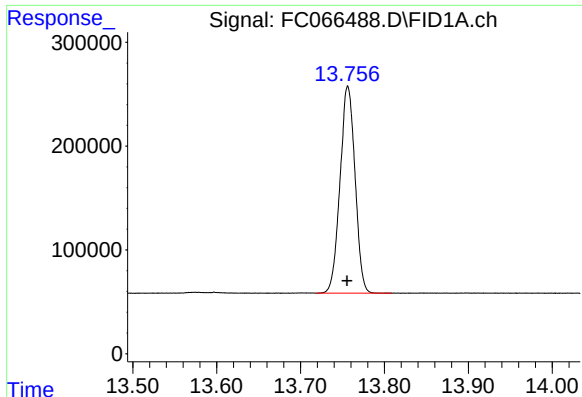
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.002 min
Response: 2499253
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

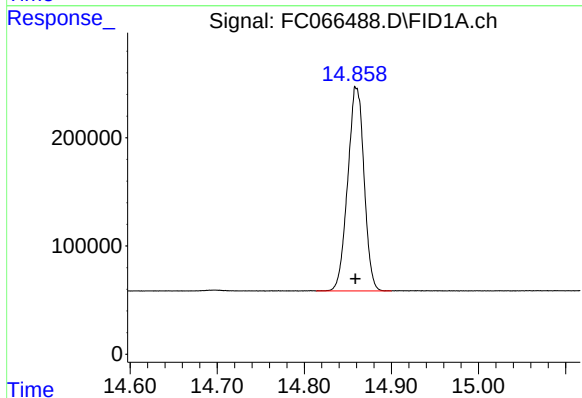
R.T.: 13.002 min
Delta R.T.: 0.002 min
Response: 2144914
Conc: 18.77 ug/ml



#13 n-Docosane (C22)

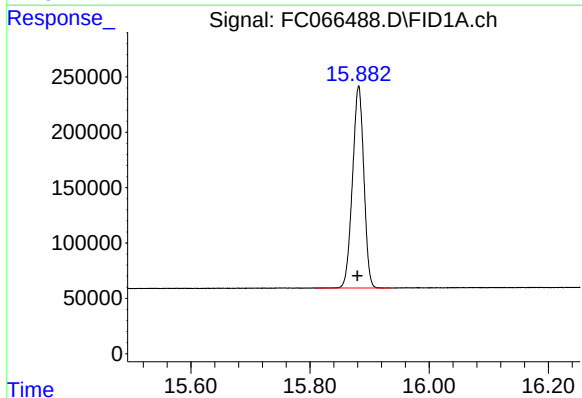
R.T.: 13.757 min
Delta R.T.: 0.000 min
Response: 2478934
Conc: 18.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



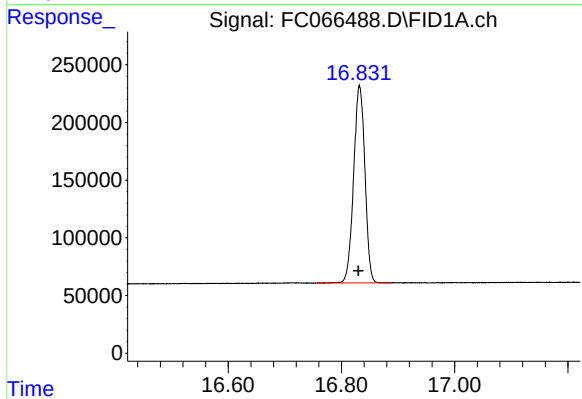
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: 0.001 min
Response: 2455682
Conc: 18.86 ug/ml



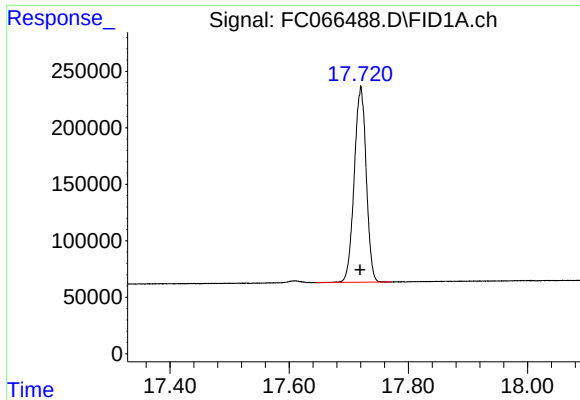
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: 0.002 min
Response: 2410130
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

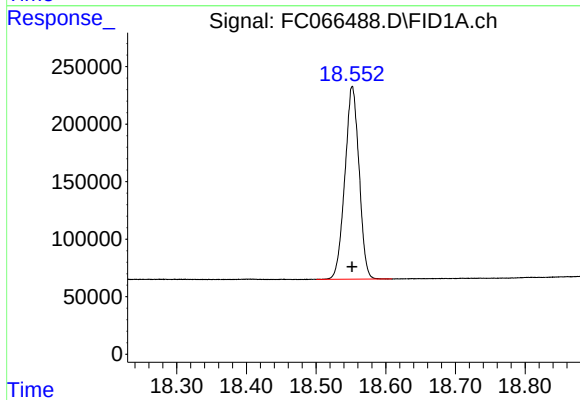
R.T.: 16.832 min
Delta R.T.: 0.002 min
Response: 2365799
Conc: 19.06 ug/ml



#17 n-Tricontane (C30)

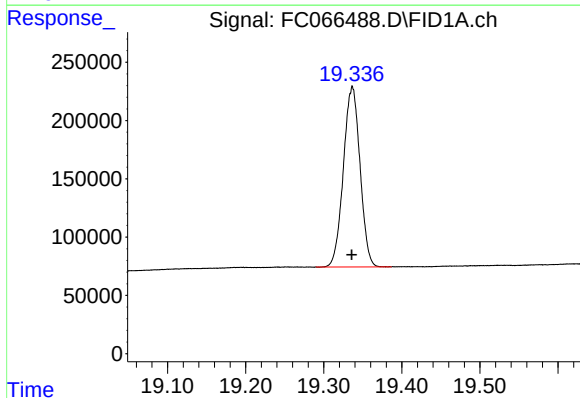
R.T.: 17.720 min
Delta R.T.: 0.001 min
Response: 2412145
Conc: 19.14 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



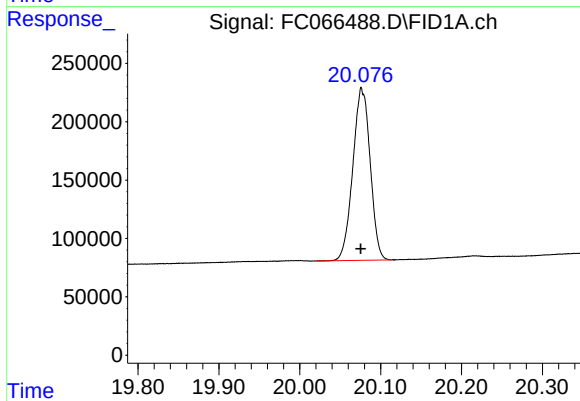
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: 0.000 min
Response: 2371027
Conc: 19.26 ug/ml



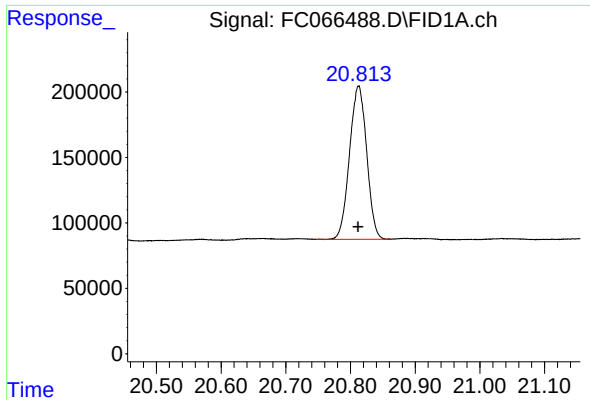
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: 0.000 min
Response: 2291093
Conc: 19.10 ug/ml



#20 n-Hexatriacontane (C36)

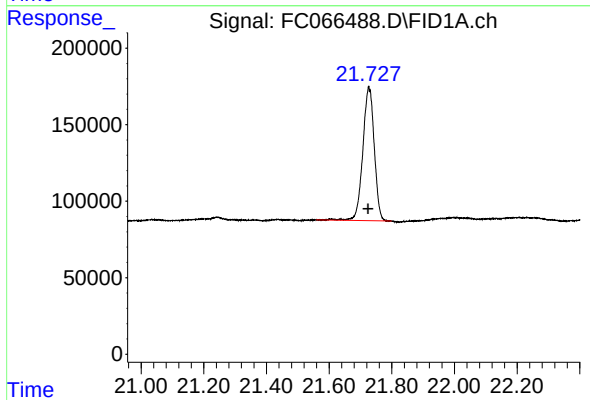
R.T.: 20.077 min
Delta R.T.: 0.002 min
Response: 2202348
Conc: 18.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.000 min
Response: 2156730
Conc: 18.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.727 min
Delta R.T.: 0.002 min
Response: 2216353
Conc: 18.09 ug/ml