

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051724AL\
 Data File : FC066410.D
 Signal(s) : FID1A.ch
 Acq On : 17 May 2024 10:52
 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: May 18 02:16:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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)	11.555	2802158	16.948 ug/ml
Spiked Amount 50.000		Recovery =	33.90%
12) S 1-chlorooctadecane (S...	12.995	2091717	17.053 ug/ml
Spiked Amount 50.000		Recovery =	34.11%
Target Compounds			
1) T n-Nonane (C9)	3.312	2411974	15.970 ug/ml
2) T n-Decane (C10)	4.380	2523792	16.411 ug/ml
3) T A~Naphthalene (C11.7)	5.962	2775569	16.337 ug/ml
4) T n-Dodecane (C12)	6.400	2543572	16.551 ug/ml
5) T A~2-methylnaphthalene...	7.019	2703908	16.406 ug/ml
6) T n-Tetradecane (C14)	8.197	2512839	16.604 ug/ml
7) T n-Hexadecane (C16)	9.799	2582571	16.890 ug/ml
8) T n-Octadecane (C18)	11.242	2600442	17.132 ug/ml
10) T n-Eicosane (C20)	12.551	2482683	17.258 ug/ml
11) T n-Heneicosane (C21)	13.163	2430892	17.294 ug/ml
13) T n-Docosane (C22)	13.749	2522168	18.015 ug/ml
14) T n-Tetracosane (C24)	14.852	2407555	17.102 ug/ml
15) T n-Hexacosane (C26)	15.874	2357042	17.232 ug/ml
16) T n-Octacosane (C28)	16.823	2350141	17.549 ug/ml
17) T n-Tricontane (C30)	17.711	2484185	18.434 ug/ml
18) T n-Dotriacontane (C32)	18.544	2474032	19.215 ug/ml
19) T n-Tetratriacontane (C34)	19.328	2312285	19.543 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2147075	18.679 ug/ml
21) T n-Octatriacontane (C38)	20.802	2083025	19.353 ug/ml
22) T n-Tetracontane (C40)	21.710	1974533	18.413 ug/ml

(f)=RT Delta > 1/2 Window

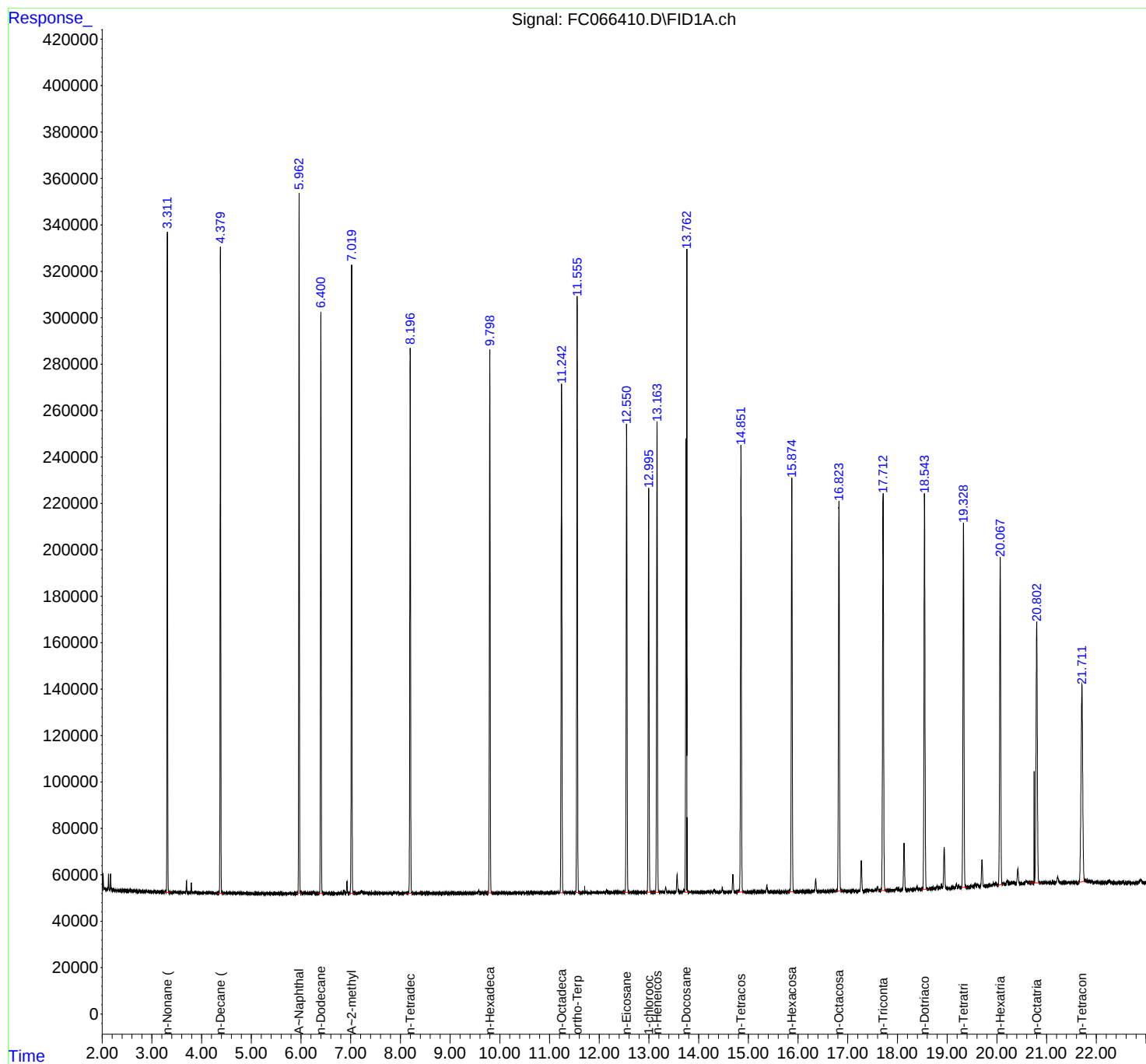
(m)=manual int.

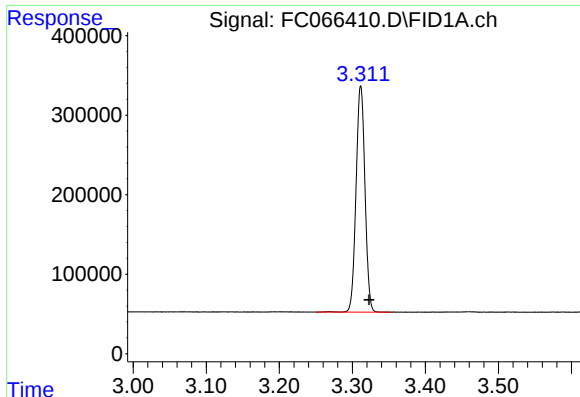
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051724AL\
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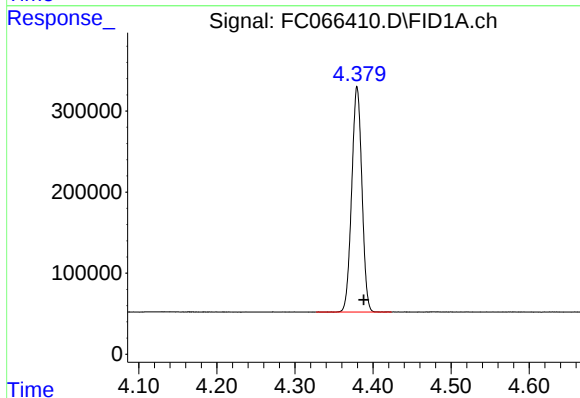




#1 n-Nonane (C9)

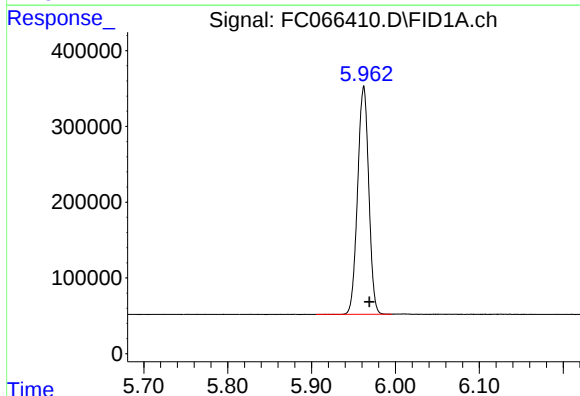
R.T.: 3.312 min
Delta R.T.: -0.011 min
Response: 2411974
Conc: 15.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



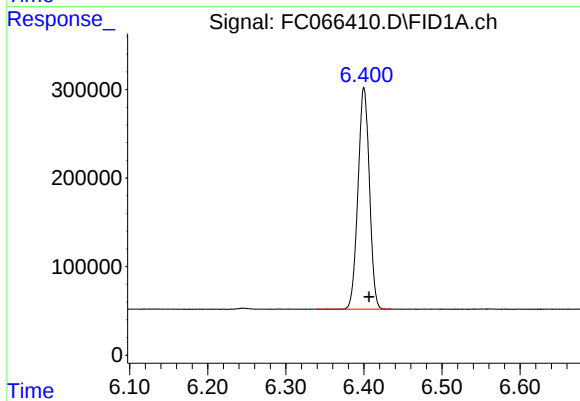
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.008 min
Response: 2523792
Conc: 16.41 ug/ml



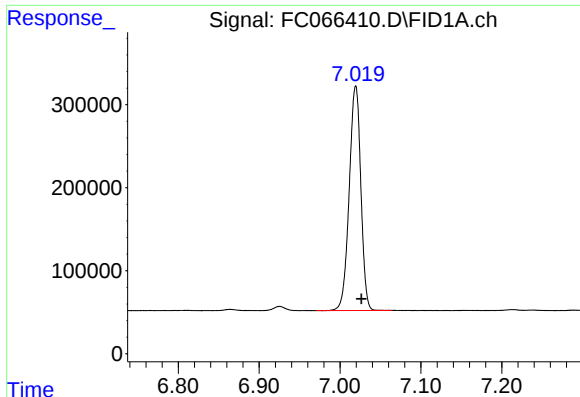
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.007 min
Response: 2775569
Conc: 16.34 ug/ml



#4 n-Dodecane (C12)

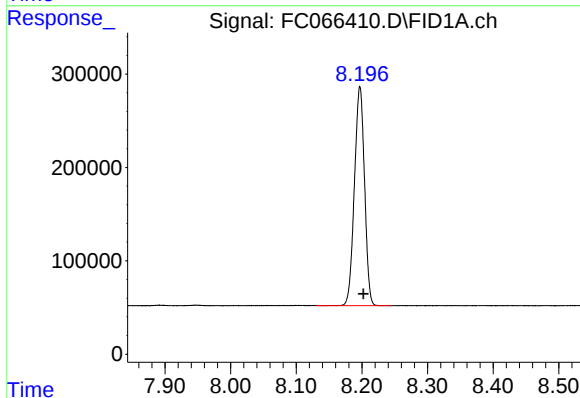
R.T.: 6.400 min
Delta R.T.: -0.006 min
Response: 2543572
Conc: 16.55 ug/ml



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

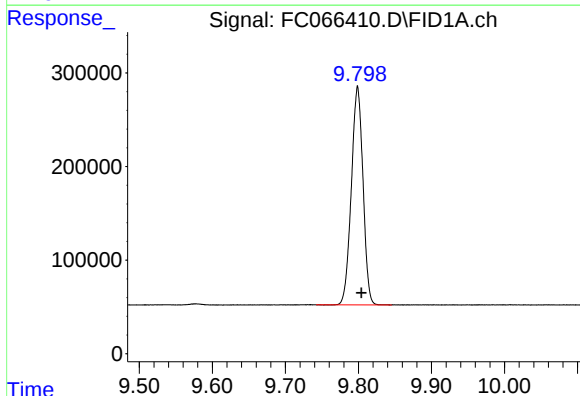
R.T.: 7.019 min
Delta R.T.: -0.007 min
Response: 2703908
Conc: 16.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



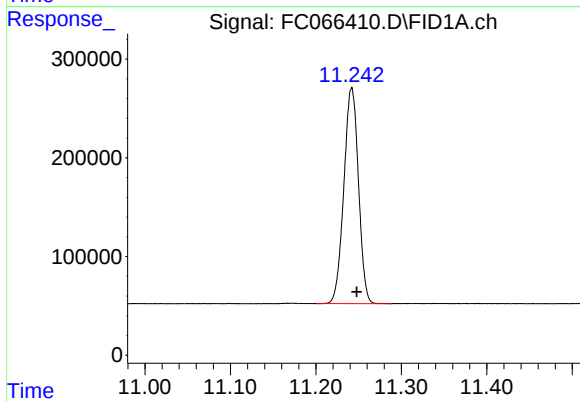
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.006 min
Response: 2512839
Conc: 16.60 ug/ml



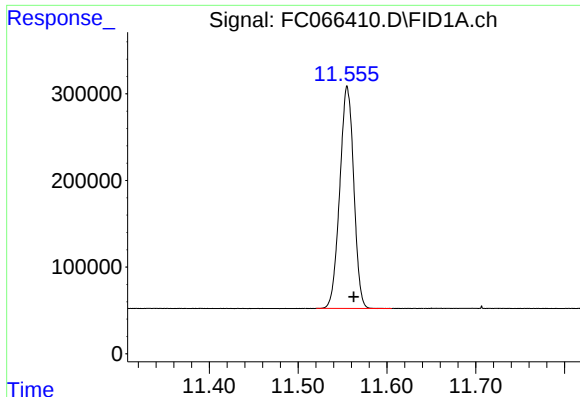
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.005 min
Response: 2582571
Conc: 16.89 ug/ml



#8 n-Octadecane (C18)

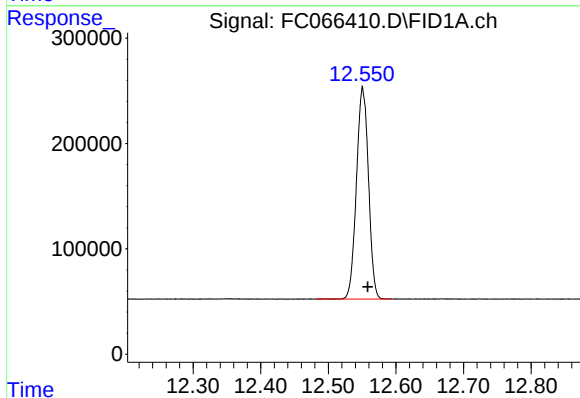
R.T.: 11.242 min
Delta R.T.: -0.006 min
Response: 2600442
Conc: 17.13 ug/ml



#9 ortho-Terphenyl (SURR)

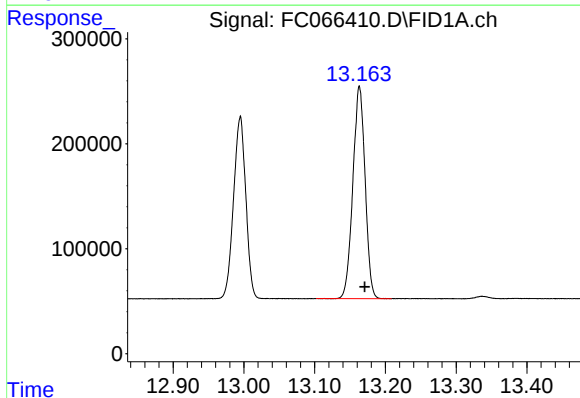
R.T.: 11.555 min
Delta R.T.: -0.007 min
Response: 2802158
Conc: 16.95 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



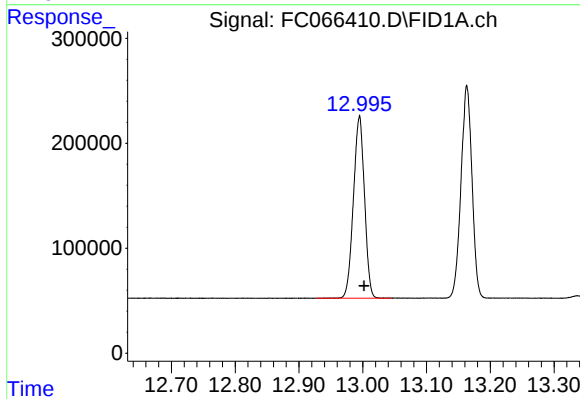
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.007 min
Response: 2482683
Conc: 17.26 ug/ml



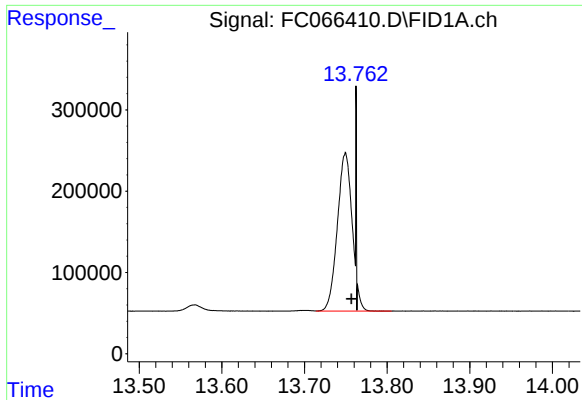
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: -0.007 min
Response: 2430892
Conc: 17.29 ug/ml



#12 1-chlorooctadecane (SURR)

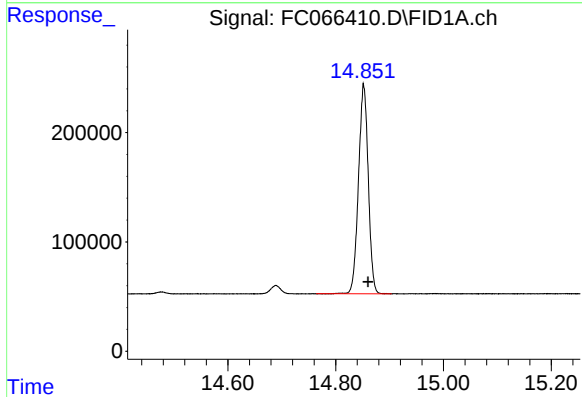
R.T.: 12.995 min
Delta R.T.: -0.007 min
Response: 2091717
Conc: 17.05 ug/ml



#13 n-Docosane (C22)

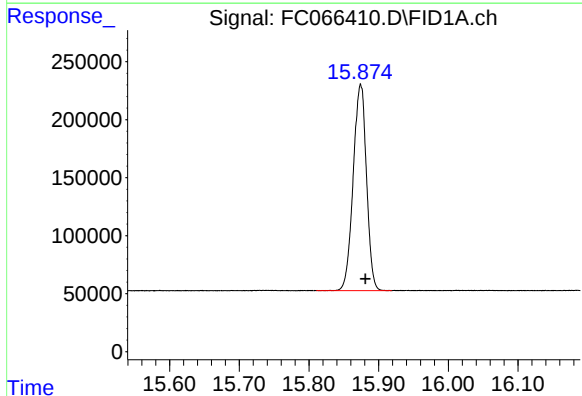
R.T.: 13.749 min
Delta R.T.: -0.007 min
Response: 2522168
Conc: 18.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



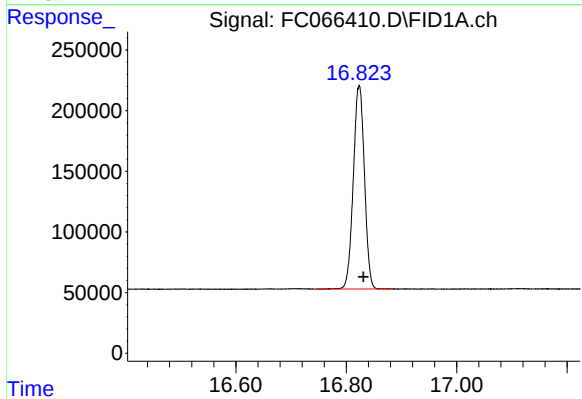
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: -0.008 min
Response: 2407555
Conc: 17.10 ug/ml



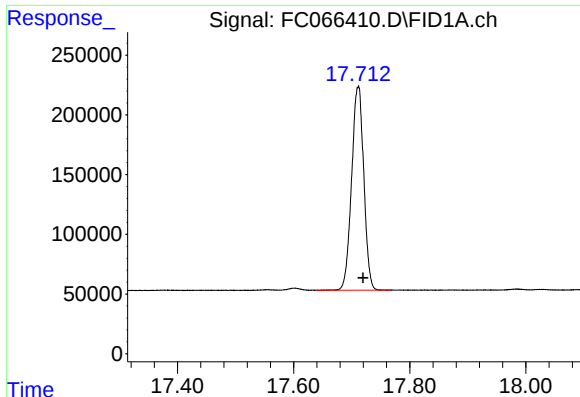
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: -0.007 min
Response: 2357042
Conc: 17.23 ug/ml



#16 n-Octacosane (C28)

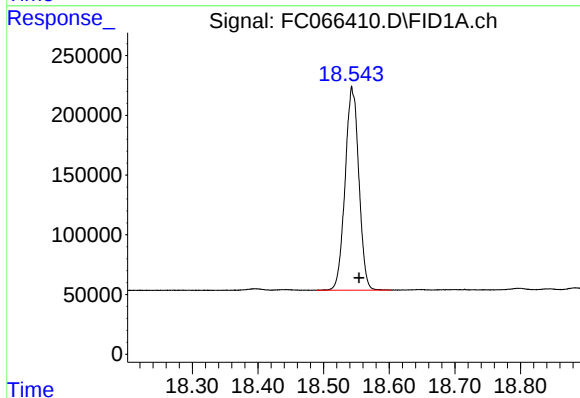
R.T.: 16.823 min
Delta R.T.: -0.008 min
Response: 2350141
Conc: 17.55 ug/ml



#17 n-Tricontane (C30)

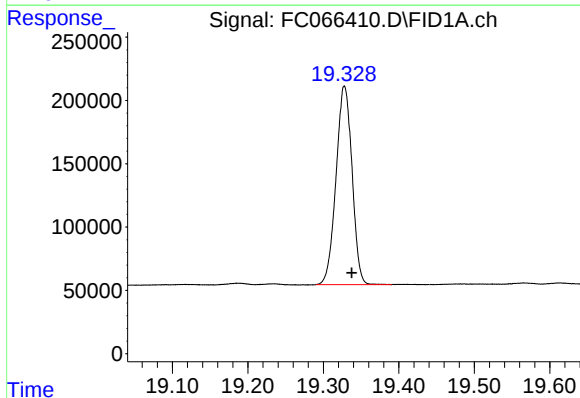
R.T.: 17.711 min
Delta R.T.: -0.009 min
Response: 2484185
Conc: 18.43 ug/ml

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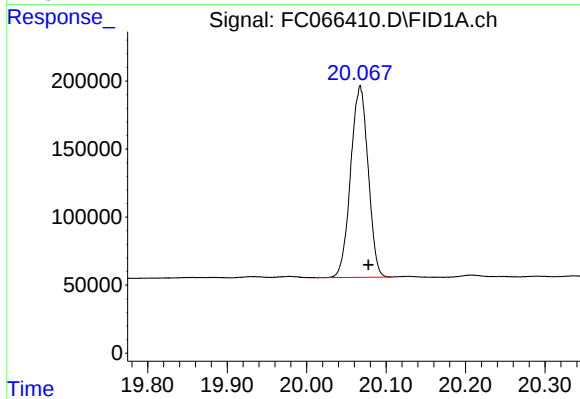
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.010 min
Response: 2474032
Conc: 19.21 ug/ml



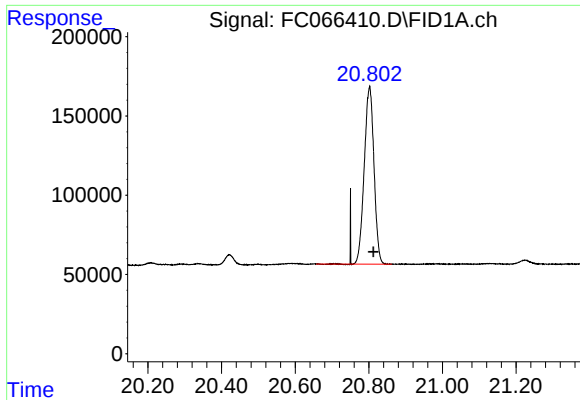
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.010 min
Response: 2312285
Conc: 19.54 ug/ml



#20 n-Hexatriacontane (C36)

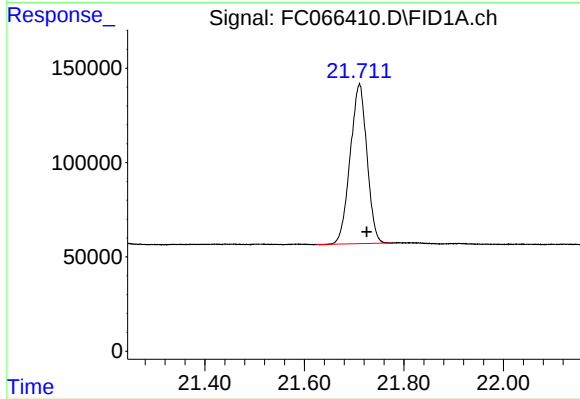
R.T.: 20.067 min
Delta R.T.: -0.010 min
Response: 2147075
Conc: 18.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: -0.011 min
Response: 2083025
Conc: 19.35 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.710 min
Delta R.T.: -0.015 min
Response: 1974533
Conc: 18.41 ug/ml