

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070722AL\
 Data File : FC060613.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2022 12:21
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 07 13:02:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 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)	10.633	3535923	19.295 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
12) S 1-chlorooctadecane (S...	11.998	2808967	19.057 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
Target Compounds			
1) T n-Nonane (C9)	2.621	3118367	20.329 ug/ml
2) T n-Decane (C10)	3.618	3108849	20.357 ug/ml
3) T A~Naphthalene (C11.7)	5.159	3393476	20.297 ug/ml
4) T n-Dodecane (C12)	5.567	3302299	20.433 ug/ml
5) T A~2-methylnaphthalene...	6.183	3340861	19.653 ug/ml
6) T n-Tetradecane (C14)	7.316	3342580	20.234 ug/ml
7) T n-Hexadecane (C16)	8.878	3377450	19.985 ug/ml
8) T n-Octadecane (C18)	10.285	3384423	19.672 ug/ml
10) T n-Eicosane (C20)	11.562	3302004	19.347 ug/ml
11) T n-Heneicosane (C21)	12.160	3269462	19.176 ug/ml
13) T n-Docosane (C22)	12.732	3223830	18.912 ug/ml
14) T n-Tetracosane (C24)	13.808	3103524	18.484 ug/ml
15) T n-Hexacosane (C26)	14.804	2967435	18.058 ug/ml
16) T n-Octacosane (C28)	15.732	2838836	17.890 ug/ml
17) T n-Tricontane (C30)	16.596	2733203	17.955 ug/ml
18) T n-Dotriacontane (C32)	17.408	2584160	17.777 ug/ml
19) T n-Tetratriacontane (C34)	18.172	2433967	19.163 ug/ml
20) T n-Hexatriacontane (C36)	18.893	2303581	20.526 ug/ml
21) T n-Octatriacontane (C38)	19.574	2254556	20.596 ug/ml
22) T n-Tetracontane (C40)	20.222	2288030	20.259 ug/ml

(f)=RT Delta > 1/2 Window

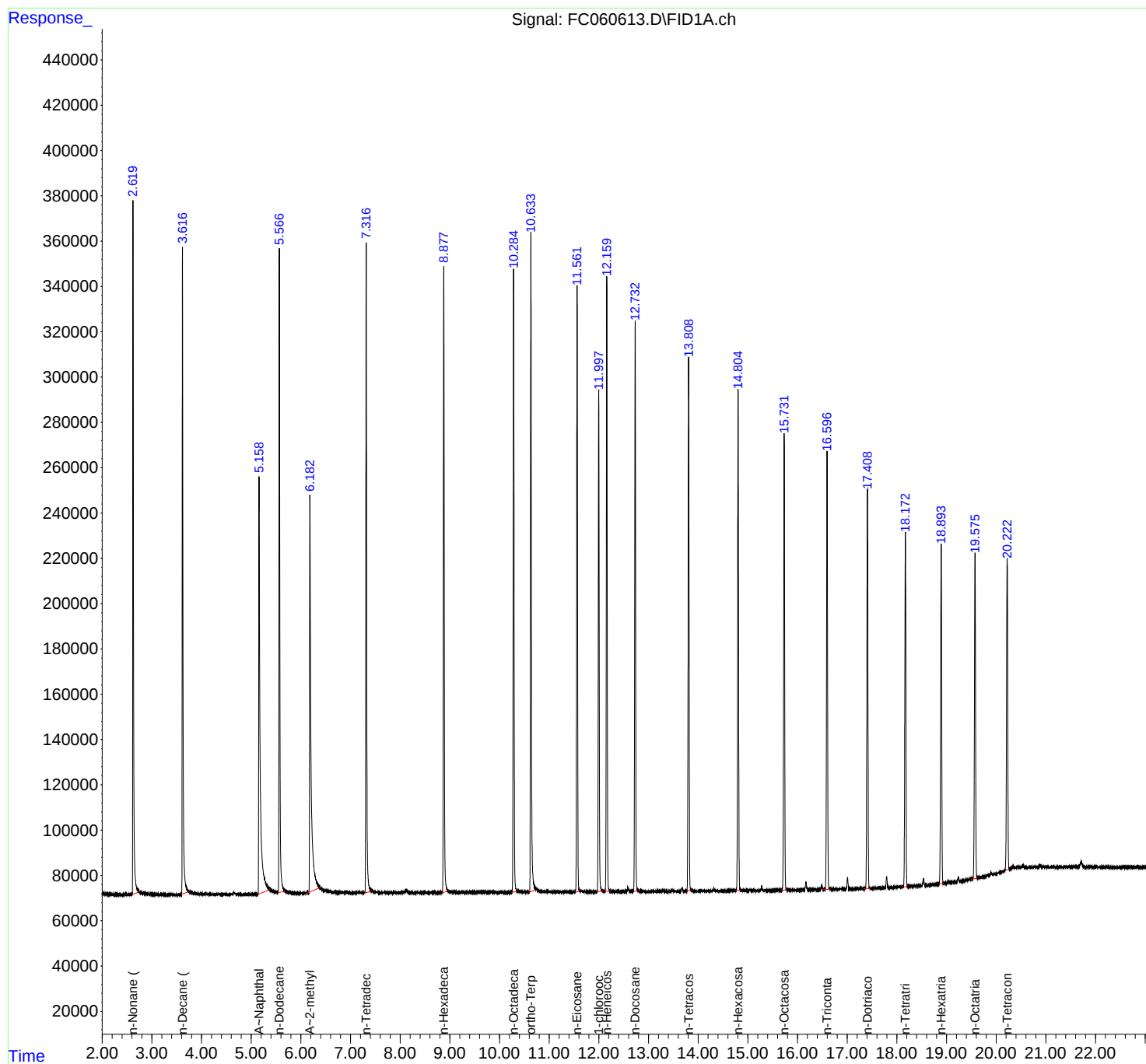
(m)=manual int.

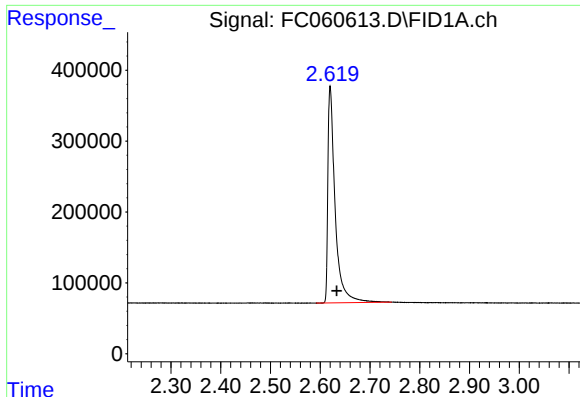
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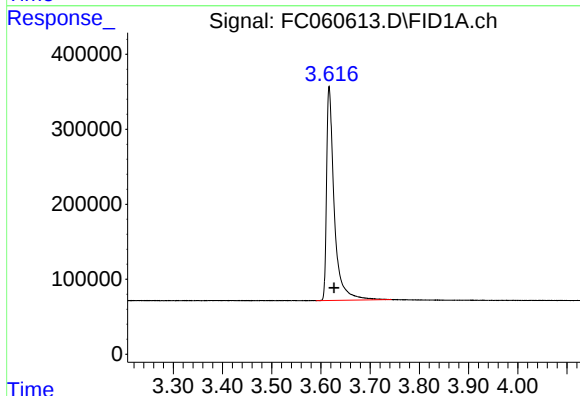




#1 n-Nonane (C9)

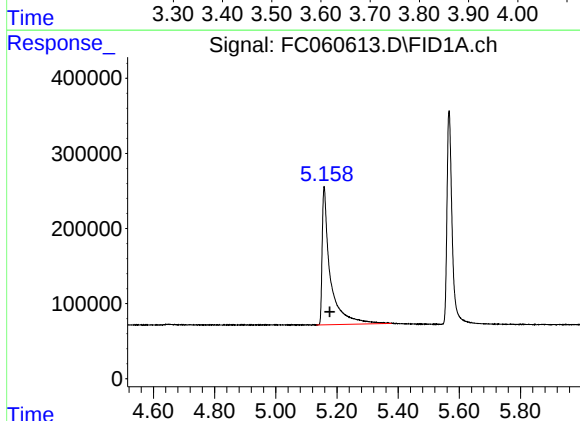
R.T.: 2.621 min
Delta R.T.: -0.012 min
Response: 3118367
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



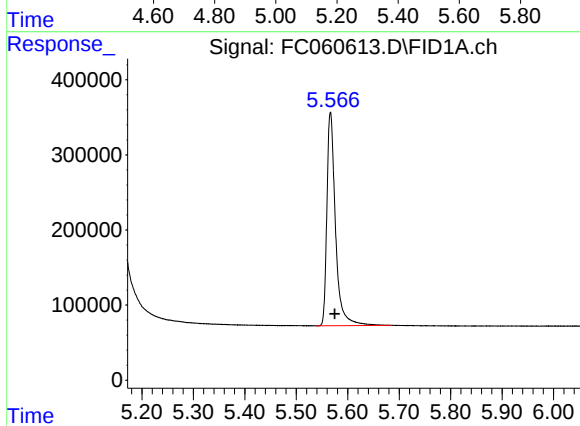
#2 n-Decane (C10)

R.T.: 3.618 min
Delta R.T.: -0.010 min
Response: 3108849
Conc: 20.36 ug/ml



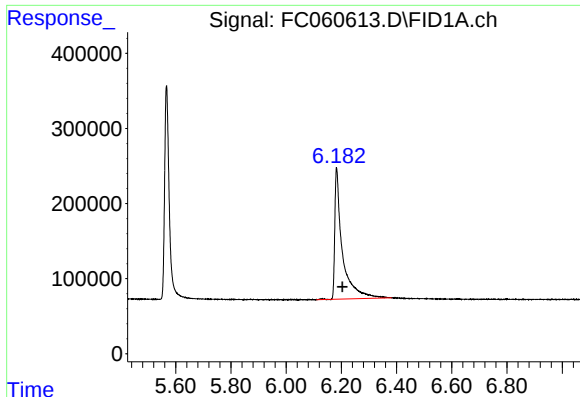
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.018 min
Response: 3393476
Conc: 20.30 ug/ml



#4 n-Dodecane (C12)

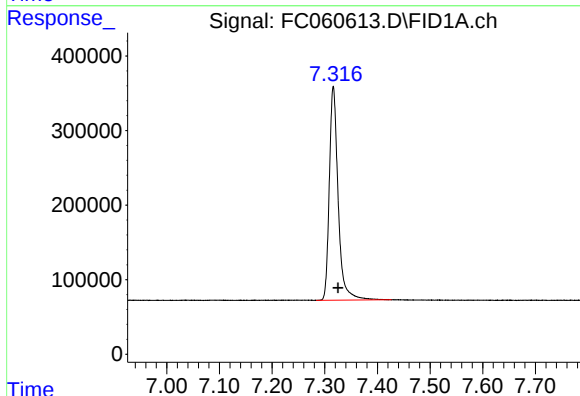
R.T.: 5.567 min
Delta R.T.: -0.008 min
Response: 3302299
Conc: 20.43 ug/ml



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

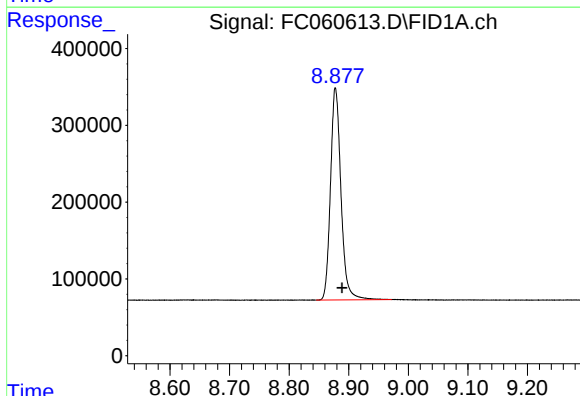
R.T.: 6.183 min
Delta R.T.: -0.021 min
Response: 3340861
Conc: 19.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



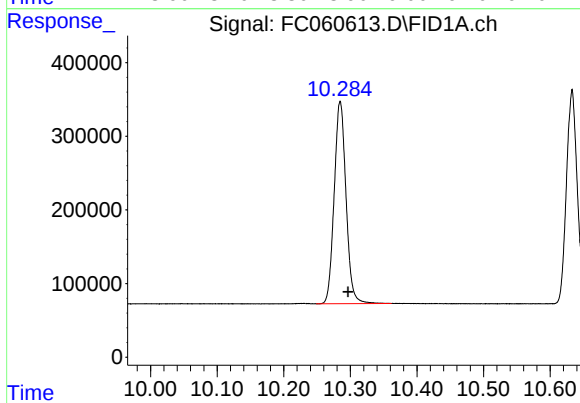
#6 n-Tetradecane (C14)

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 3342580
Conc: 20.23 ug/ml



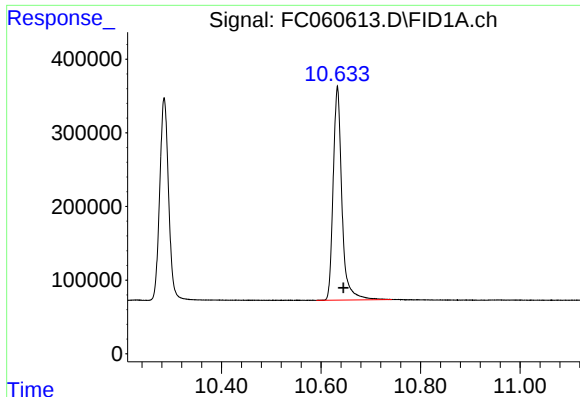
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: -0.011 min
Response: 3377450
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

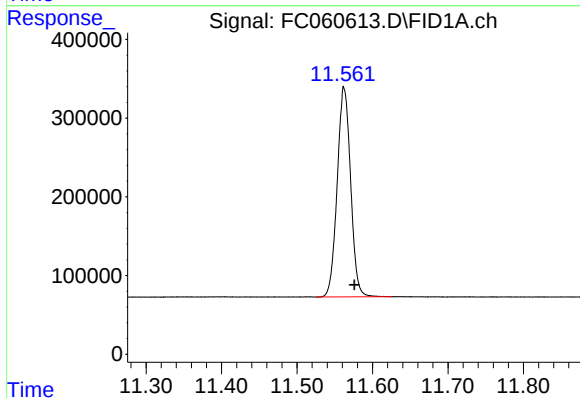
R.T.: 10.285 min
Delta R.T.: -0.012 min
Response: 3384423
Conc: 19.67 ug/ml



#9 ortho-Terphenyl (SURR)

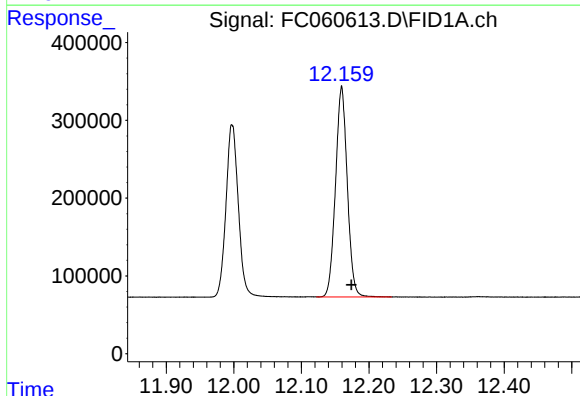
R.T.: 10.633 min
Delta R.T.: -0.012 min
Response: 3535923
Conc: 19.29 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



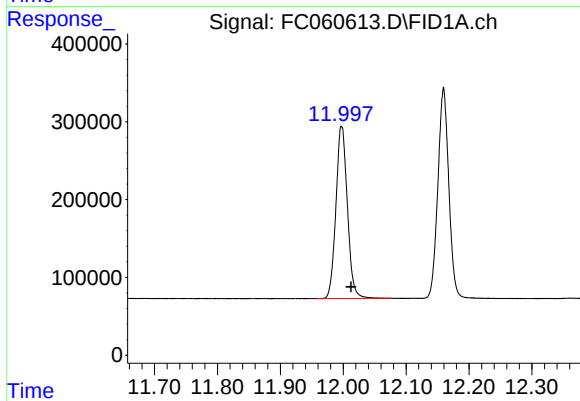
#10 n-Eicosane (C20)

R.T.: 11.562 min
Delta R.T.: -0.014 min
Response: 3302004
Conc: 19.35 ug/ml



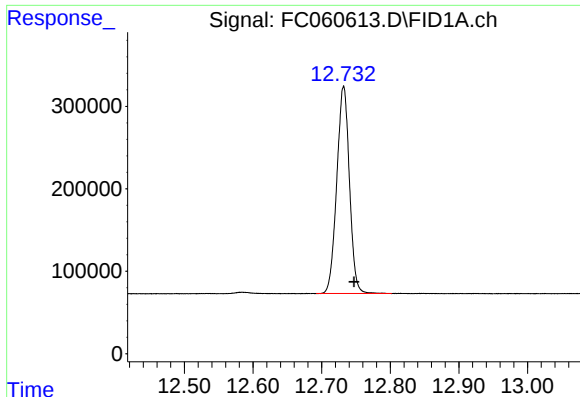
#11 n-Heneicosane (C21)

R.T.: 12.160 min
Delta R.T.: -0.014 min
Response: 3269462
Conc: 19.18 ug/ml



#12 1-chlorooctadecane (SURR)

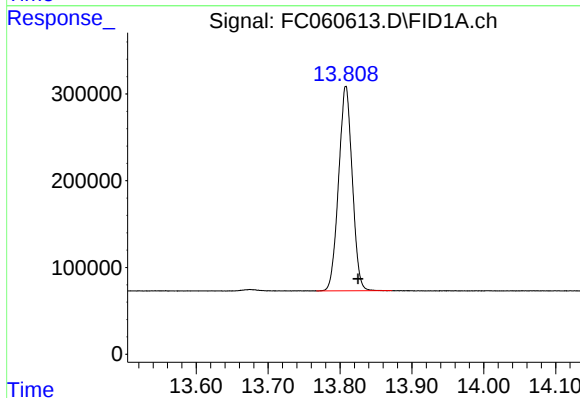
R.T.: 11.998 min
Delta R.T.: -0.015 min
Response: 2808967
Conc: 19.06 ug/ml



#13 n-Docosane (C22)

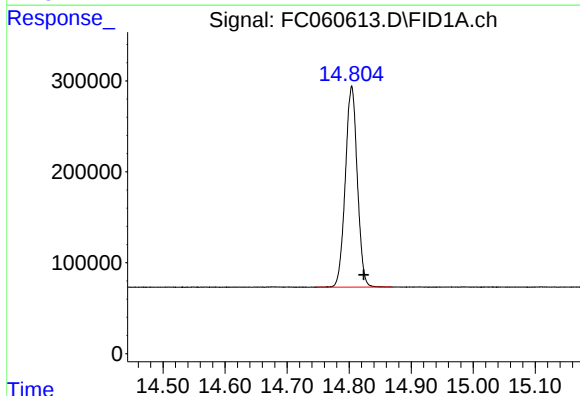
R.T.: 12.732 min
Delta R.T.: -0.015 min
Response: 3223830
Conc: 18.91 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



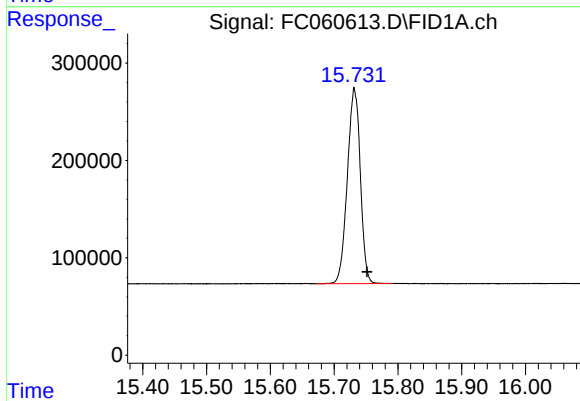
#14 n-Tetracosane (C24)

R.T.: 13.808 min
Delta R.T.: -0.017 min
Response: 3103524
Conc: 18.48 ug/ml



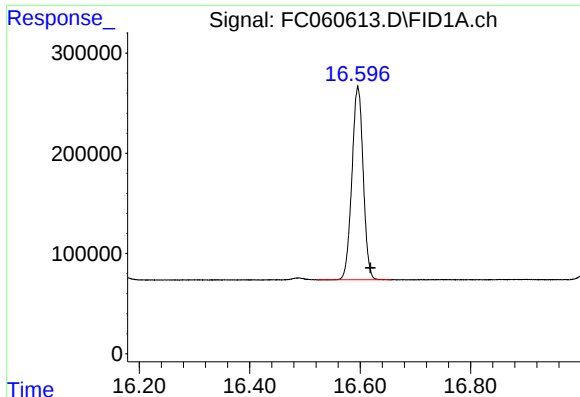
#15 n-Hexacosane (C26)

R.T.: 14.804 min
Delta R.T.: -0.020 min
Response: 2967435
Conc: 18.06 ug/ml



#16 n-Octacosane (C28)

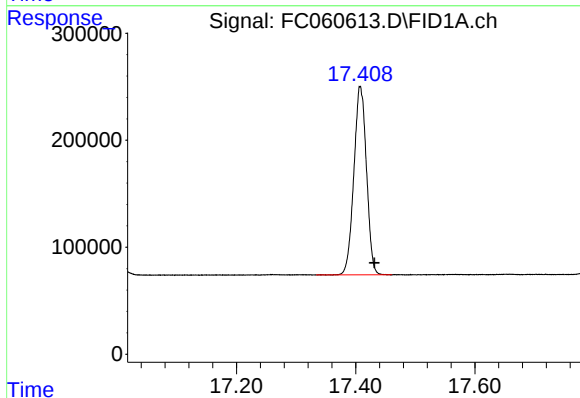
R.T.: 15.732 min
Delta R.T.: -0.020 min
Response: 2838836
Conc: 17.89 ug/ml



#17 n-Tricontane (C30)

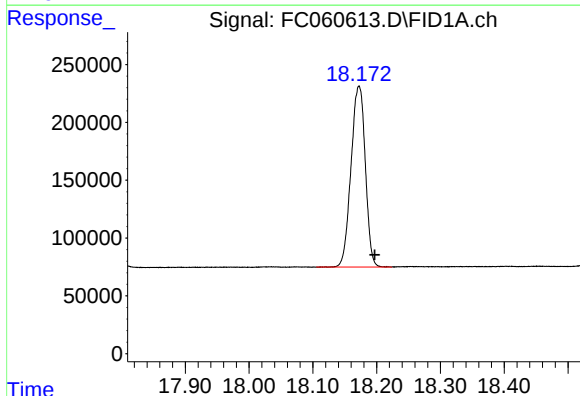
R.T.: 16.596 min
Delta R.T.: -0.023 min
Response: 2733203
Conc: 17.96 ug/ml

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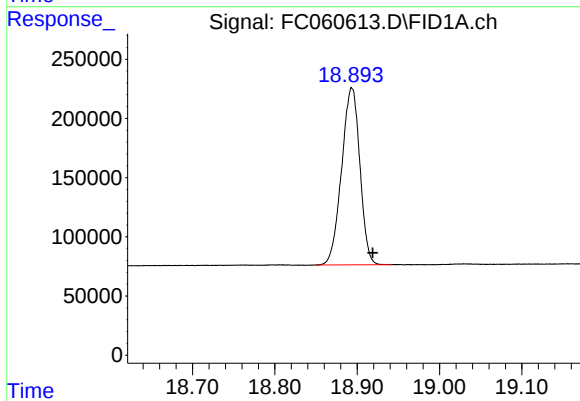
#18 n-Dotriacontane (C32)

R.T.: 17.408 min
Delta R.T.: -0.023 min
Response: 2584160
Conc: 17.78 ug/ml



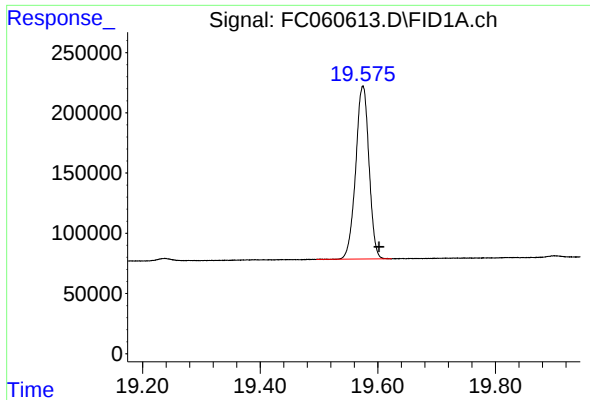
#19 n-Tetratriacontane (C34)

R.T.: 18.172 min
Delta R.T.: -0.025 min
Response: 2433967
Conc: 19.16 ug/ml



#20 n-Hexatriacontane (C36)

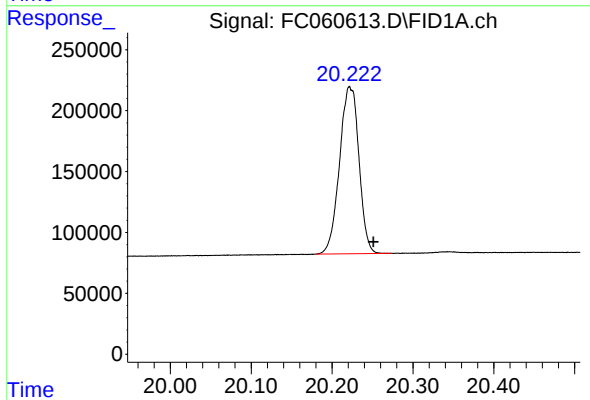
R.T.: 18.893 min
Delta R.T.: -0.025 min
Response: 2303581
Conc: 20.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.574 min
Delta R.T.: -0.028 min
Response: 2254556
Conc: 20.60 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.222 min
Delta R.T.: -0.029 min
Response: 2288030
Conc: 20.26 ug/ml