

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101122AL\
 Data File : FC061753.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2022 14:00
 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: Oct 12 06:19:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.581	3455587	20.220 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
12) S 1-chlorooctadecane (S...	13.018	2741296	20.067 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T n-Nonane (C9)	3.339	2939816	19.695 ug/ml
2) T n-Decane (C10)	4.407	3043035	20.174 ug/ml
3) T A~Naphthalene (C11.7)	5.991	3300514	19.902 ug/ml
4) T n-Dodecane (C12)	6.425	3091493	20.331 ug/ml
5) T A~2-methylnaphthalene...	7.047	3285643	19.974 ug/ml
6) T n-Tetradecane (C14)	8.222	3125786	20.502 ug/ml
7) T n-Hexadecane (C16)	9.823	3193984	20.656 ug/ml
8) T n-Octadecane (C18)	11.265	3271142	20.750 ug/ml
10) T n-Eicosane (C20)	12.575	3307224	20.754 ug/ml
11) T n-Heneicosane (C21)	13.186	3278033	20.432 ug/ml
13) T n-Docosane (C22)	13.772	3354036	20.876 ug/ml
14) T n-Tetracosane (C24)	14.875	3416782	21.329 ug/ml
15) T n-Hexacosane (C26)	15.895	3430209	21.638 ug/ml
16) T n-Octacosane (C28)	16.845	3444561	22.223 ug/ml
17) T n-Tricontane (C30)	17.733	3516965	22.854 ug/ml
18) T n-Dotriacontane (C32)	18.564	3343581	22.113 ug/ml
19) T n-Tetratriacontane (C34)	19.347	2900077	20.453 ug/ml
20) T n-Hexatriacontane (C36)	20.086	2690381	19.488 ug/ml
21) T n-Octatriacontane (C38)	20.821	2510115	19.382 ug/ml
22) T n-Tetracontane (C40)	21.732	2370259	19.396 ug/ml

(f)=RT Delta > 1/2 Window

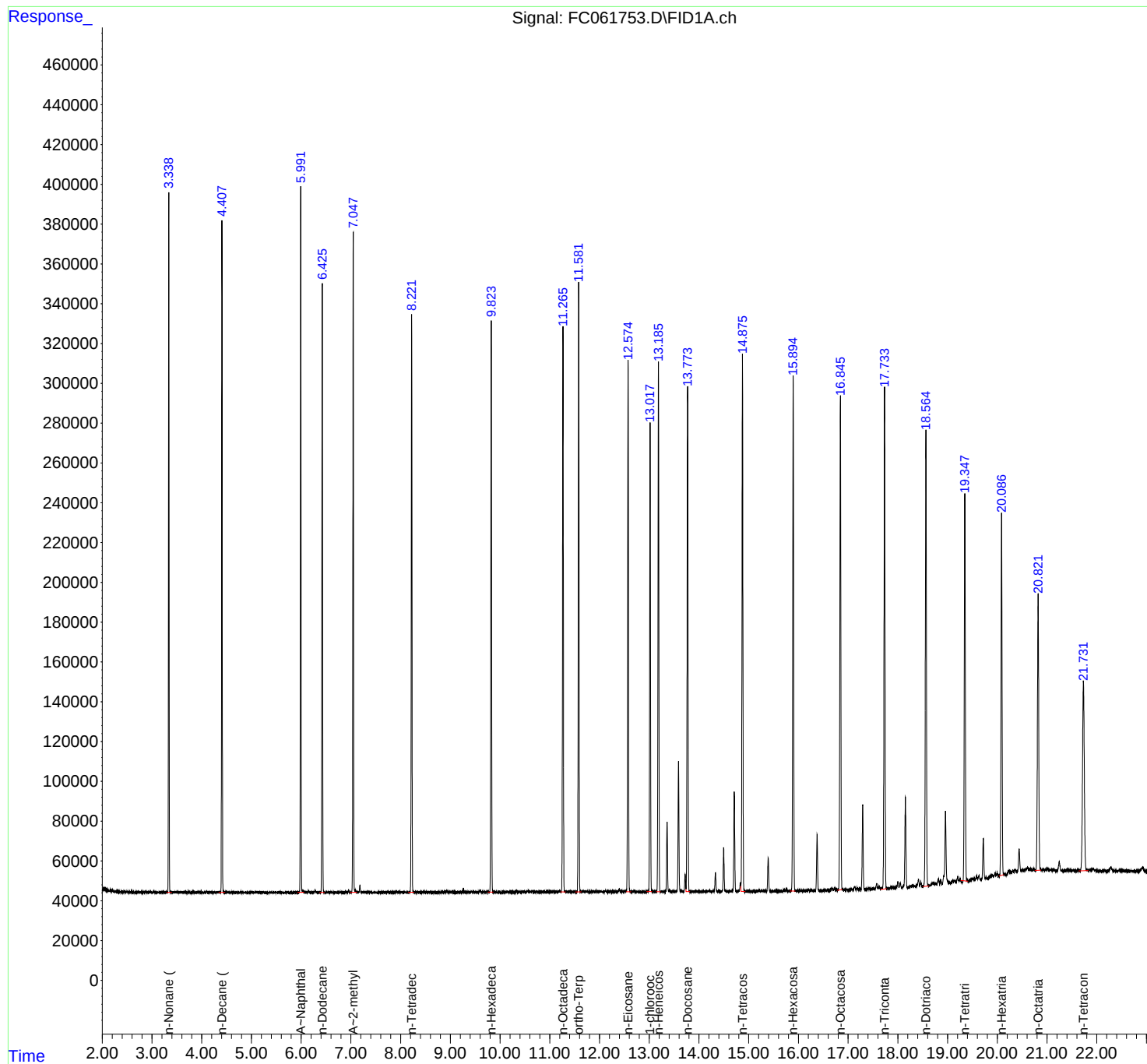
(m)=manual int.

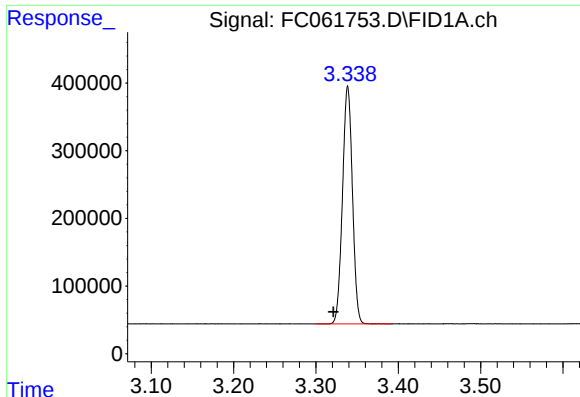
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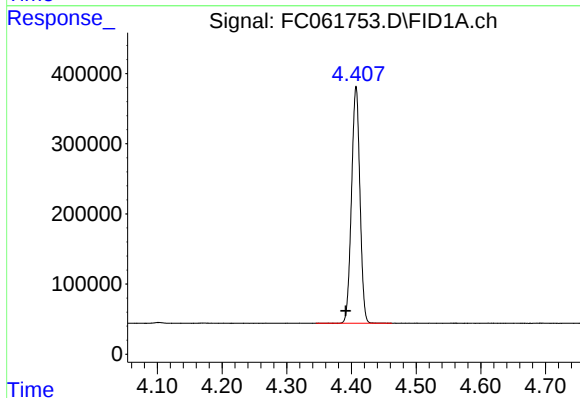




#1 n-Nonane (C9)

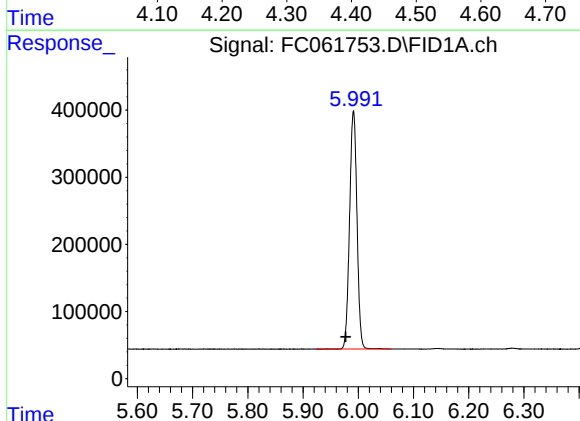
R.T.: 3.339 min
Delta R.T.: 0.018 min
Response: 2939816
Conc: 19.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



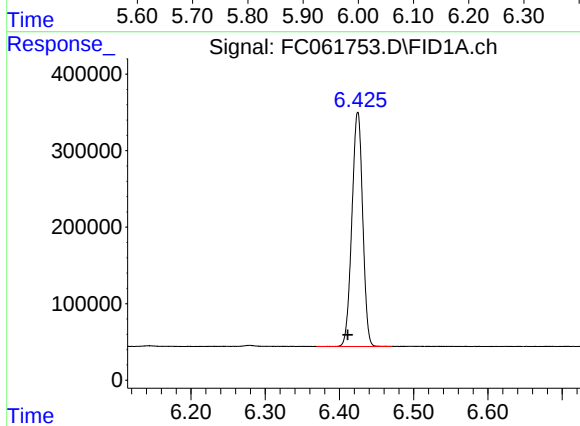
#2 n-Decane (C10)

R.T.: 4.407 min
Delta R.T.: 0.016 min
Response: 3043035
Conc: 20.17 ug/ml



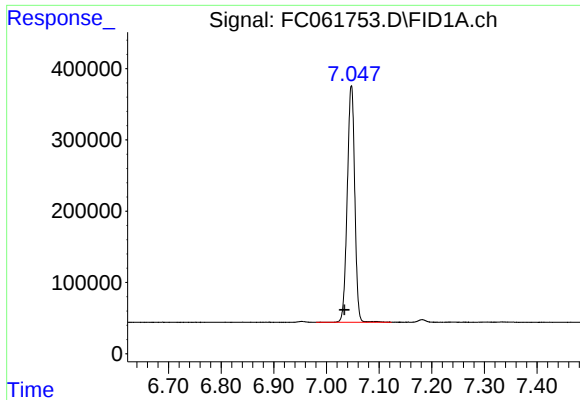
#3 A~Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: 0.014 min
Response: 3300514
Conc: 19.90 ug/ml



#4 n-Dodecane (C12)

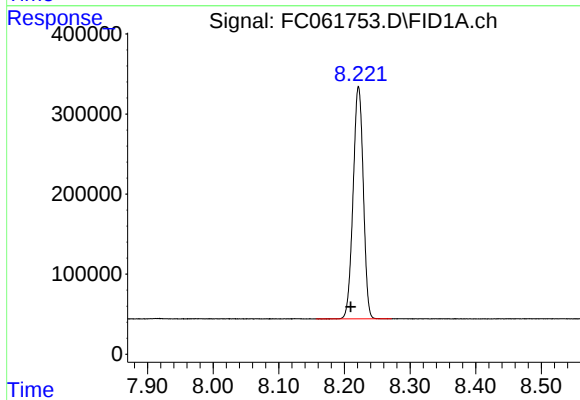
R.T.: 6.425 min
Delta R.T.: 0.013 min
Response: 3091493
Conc: 20.33 ug/ml



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

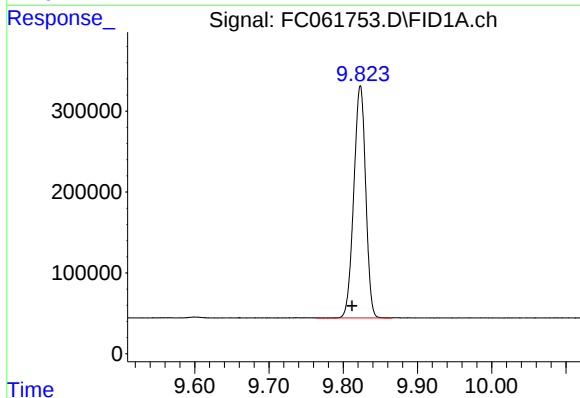
R.T.: 7.047 min
Delta R.T.: 0.013 min
Response: 3285643
Conc: 19.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



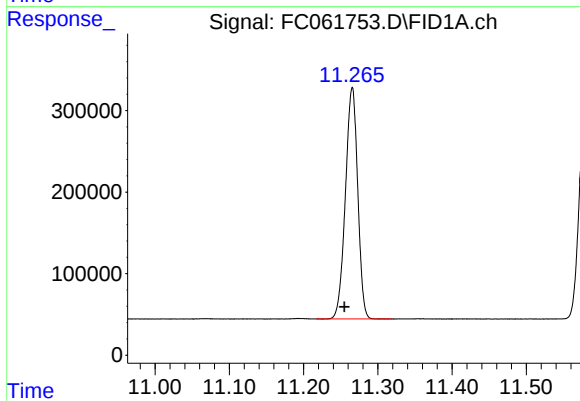
#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: 0.012 min
Response: 3125786
Conc: 20.50 ug/ml



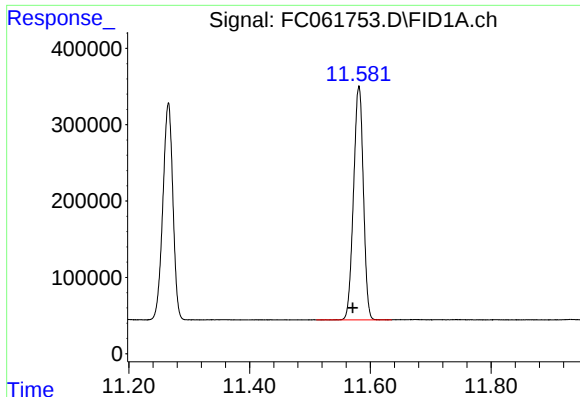
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: 0.011 min
Response: 3193984
Conc: 20.66 ug/ml



#8 n-Octadecane (C18)

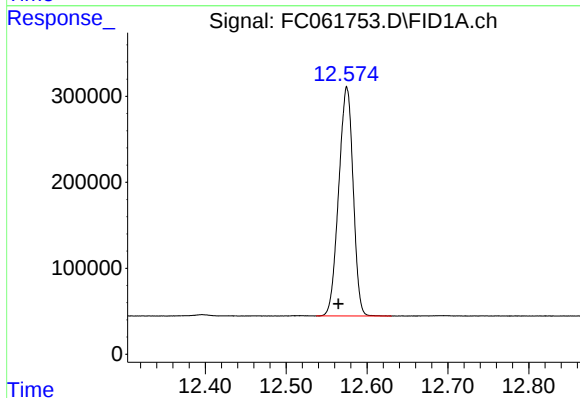
R.T.: 11.265 min
Delta R.T.: 0.011 min
Response: 3271142
Conc: 20.75 ug/ml



#9 ortho-Terphenyl (SURR)

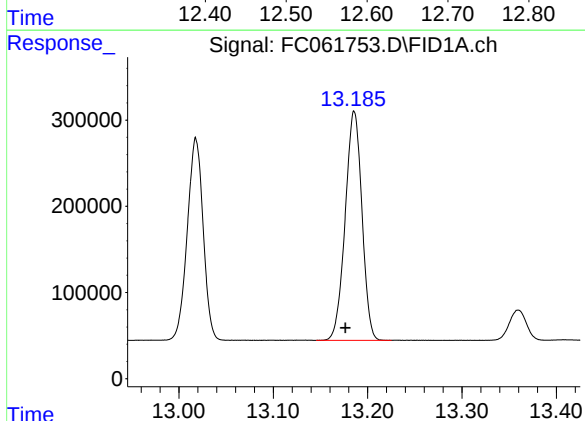
R.T.: 11.581 min
Delta R.T.: 0.010 min
Response: 3455587
Conc: 20.22 ug/ml

Instrument :
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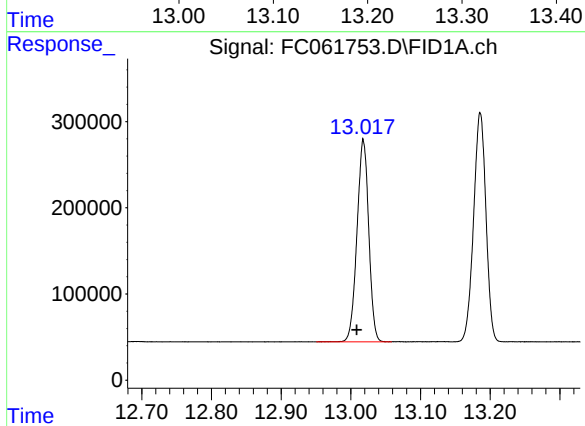
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: 0.010 min
Response: 3307224
Conc: 20.75 ug/ml



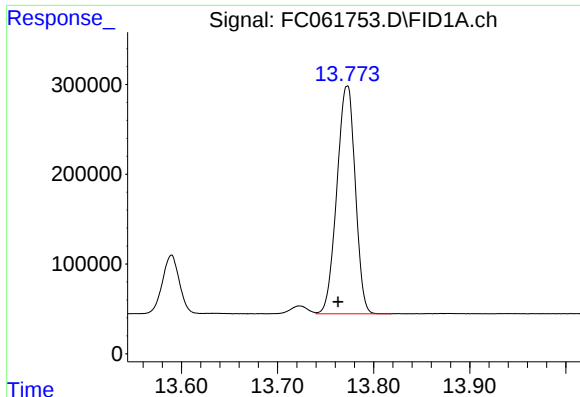
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: 0.009 min
Response: 3278033
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

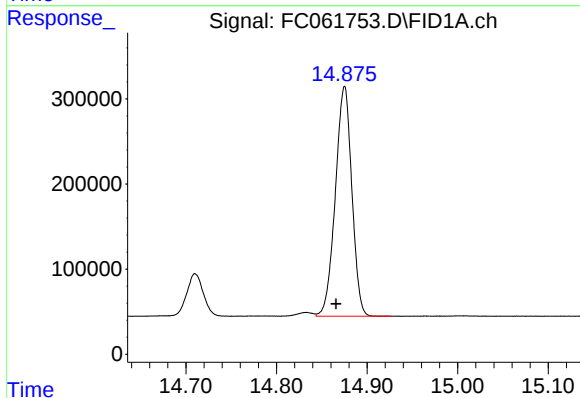
R.T.: 13.018 min
Delta R.T.: 0.010 min
Response: 2741296
Conc: 20.07 ug/ml



#13 n-Docosane (C22)

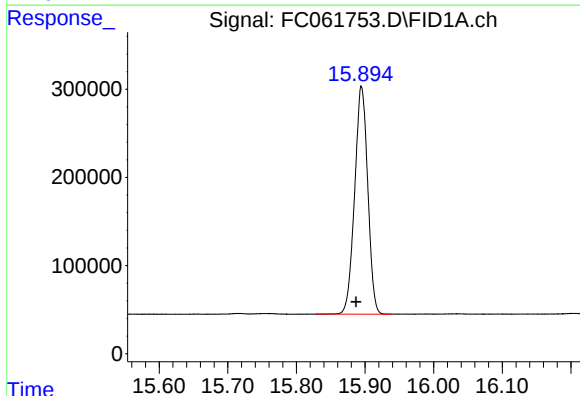
R.T.: 13.772 min
Delta R.T.: 0.009 min
Response: 3354036
Conc: 20.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



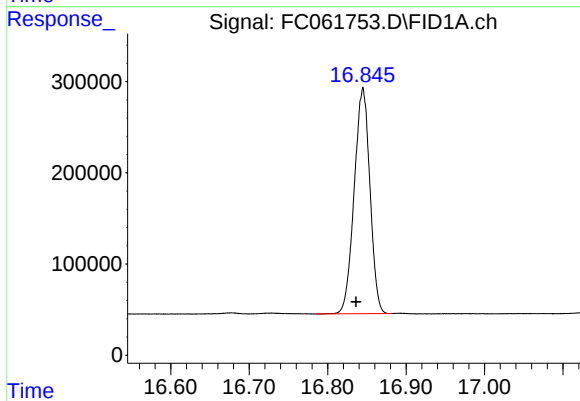
#14 n-Tetracosane (C24)

R.T.: 14.875 min
Delta R.T.: 0.009 min
Response: 3416782
Conc: 21.33 ug/ml



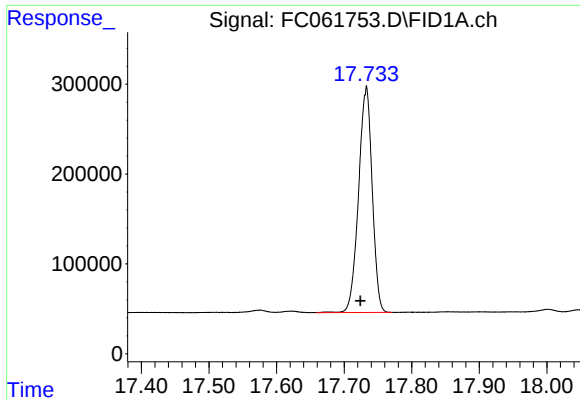
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: 0.008 min
Response: 3430209
Conc: 21.64 ug/ml



#16 n-Octacosane (C28)

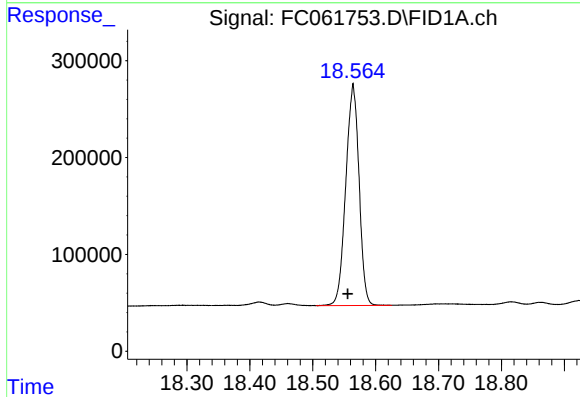
R.T.: 16.845 min
Delta R.T.: 0.009 min
Response: 3444561
Conc: 22.22 ug/ml



#17 n-Tricontane (C30)

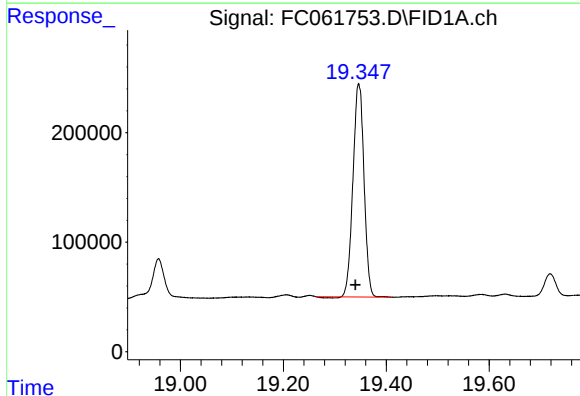
R.T.: 17.733 min
Delta R.T.: 0.008 min
Response: 3516965
Conc: 22.85 ug/ml

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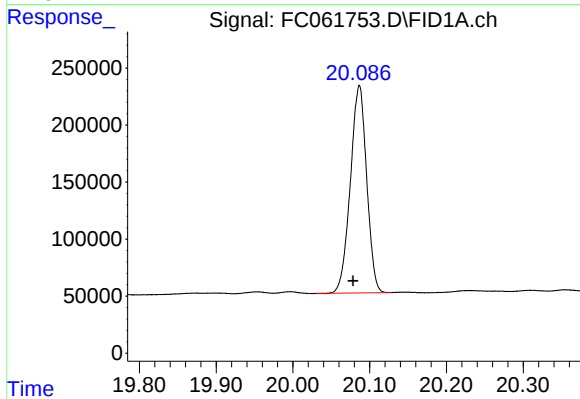
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: 0.008 min
Response: 3343581
Conc: 22.11 ug/ml



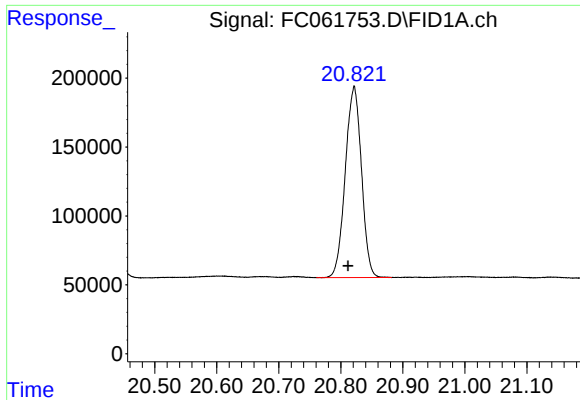
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: 0.007 min
Response: 2900077
Conc: 20.45 ug/ml



#20 n-Hexatriacontane (C36)

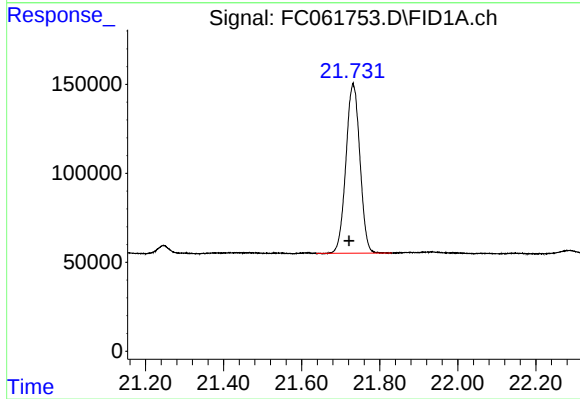
R.T.: 20.086 min
Delta R.T.: 0.008 min
Response: 2690381
Conc: 19.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.821 min
Delta R.T.: 0.010 min
Response: 2510115
Conc: 19.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.732 min
Delta R.T.: 0.011 min
Response: 2370259
Conc: 19.40 ug/ml