

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081922AL\
 Data File : FD043675.D
 Signal(s) : FID2B.ch
 Acq On : 19 Aug 2022 07:32
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 19 15:29:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 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)	11.521	2754249	17.400 ug/ml
Spiked Amount 50.000		Recovery =	34.80%
12) S 1-chlorooctadecane (S...	12.957	2125260	17.341 ug/ml
Spiked Amount 50.000		Recovery =	34.68%
Target Compounds			
1) T n-Nonane (C9)	3.306	2794899	19.940 ug/ml
2) T n-Decane (C10)	4.368	2834735	20.161 ug/ml
3) T A~Naphthalene (C11.7)	5.945	2941650	19.360 ug/ml
4) T n-Dodecane (C12)	6.380	2816376	19.788 ug/ml
5) T A~2-methylnaphthalene...	6.999	2864014	19.141 ug/ml
6) T n-Tetradecane (C14)	8.172	2751682	19.398 ug/ml
7) T n-Hexadecane (C16)	9.769	2722266	19.194 ug/ml
8) T n-Octadecane (C18)	11.208	2671264	18.681 ug/ml
10) T n-Eicosane (C20)	12.515	2622947	18.115 ug/ml
11) T n-Heneicosane (C21)	13.125	2545889	17.528 ug/ml
13) T n-Docosane (C22)	13.710	2653472	18.290 ug/ml
14) T n-Tetracosane (C24)	14.810	2809087	19.390 ug/ml
15) T n-Hexacosane (C26)	15.829	2888234	20.080 ug/ml
16) T n-Octacosane (C28)	16.776	2973936	21.023 ug/ml
17) T n-Tricontane (C30)	17.660	3224676	22.847 ug/ml
18) T n-Dotriacontane (C32)	18.490	3187930	23.053 ug/ml
19) T n-Tetratriacontane (C34)	19.271	2925234	22.732 ug/ml
20) T n-Hexatriacontane (C36)	20.008	2667270	21.624 ug/ml
21) T n-Octatriacontane (C38)	20.726	2730958	23.095 ug/mlm
22) T n-Tetracontane (C40)	21.604	2409144	21.306 ug/ml

(f)=RT Delta > 1/2 Window

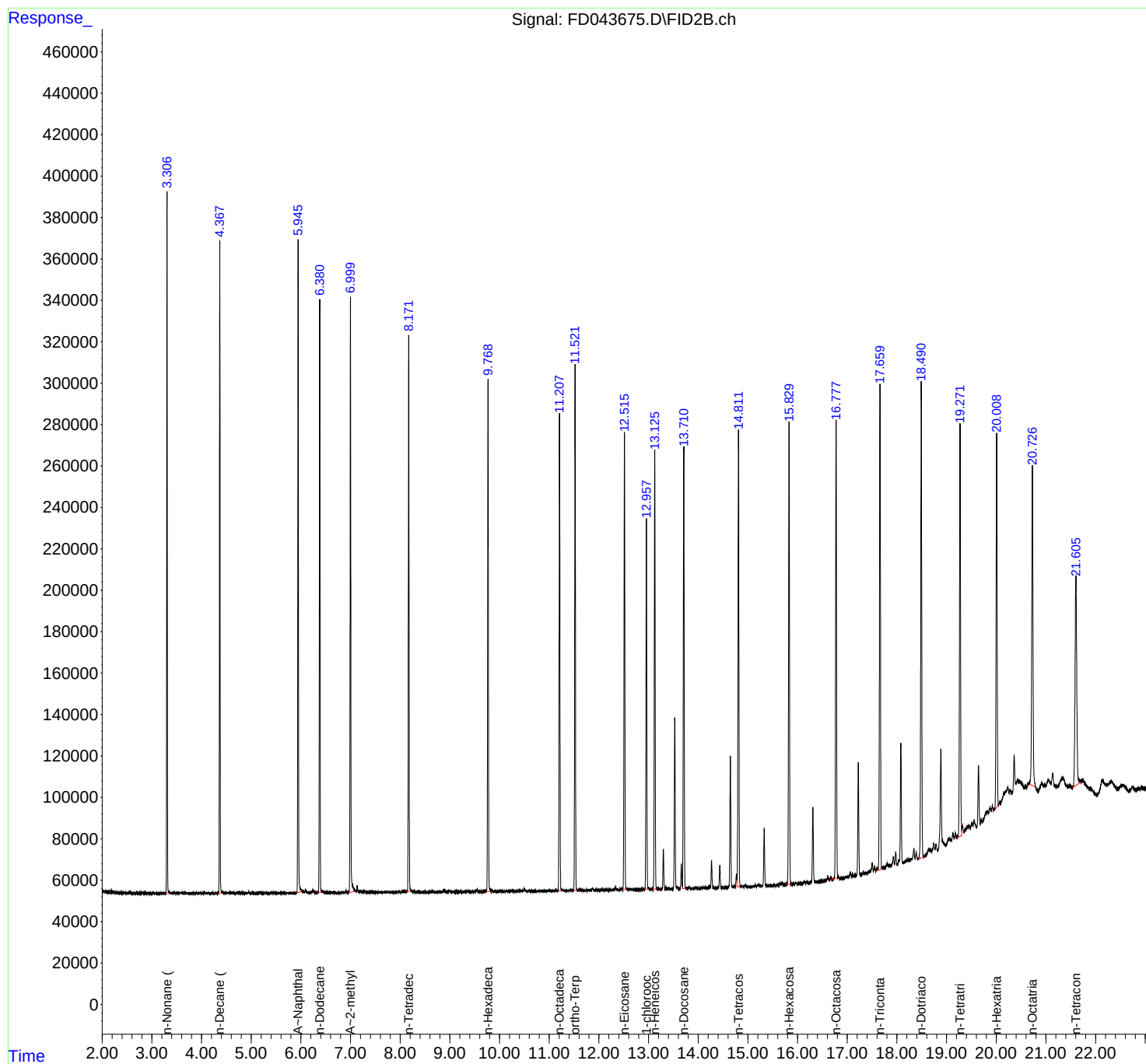
(m)=manual int.

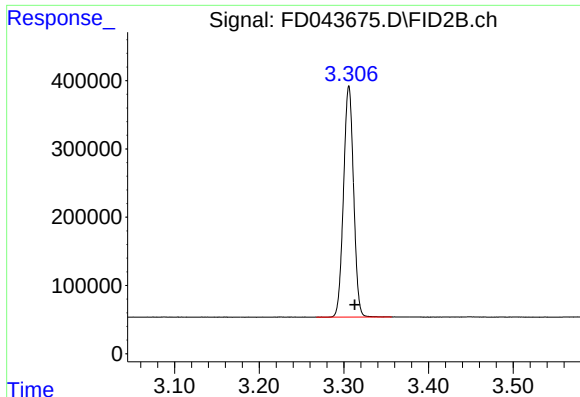
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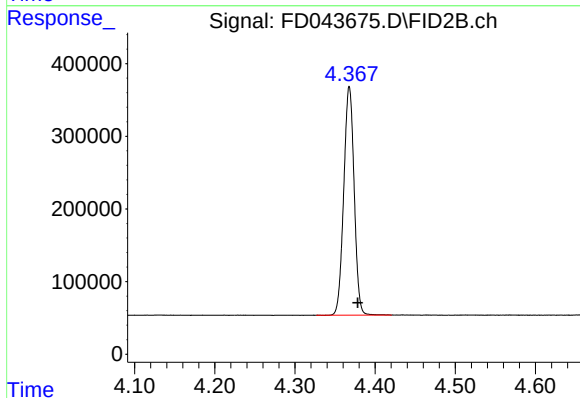




#1 n-Nonane (C9)

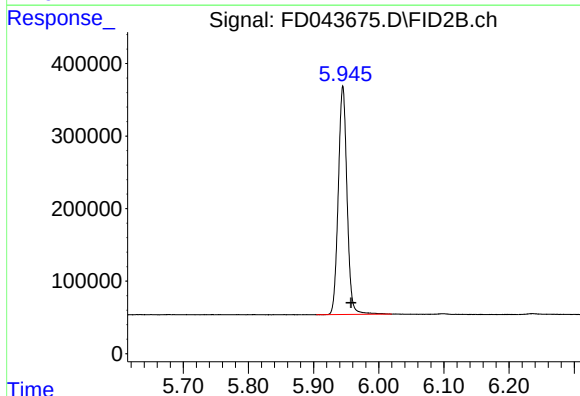
R.T.: 3.306 min
Delta R.T.: -0.007 min
Response: 2794899
Conc: 19.94 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



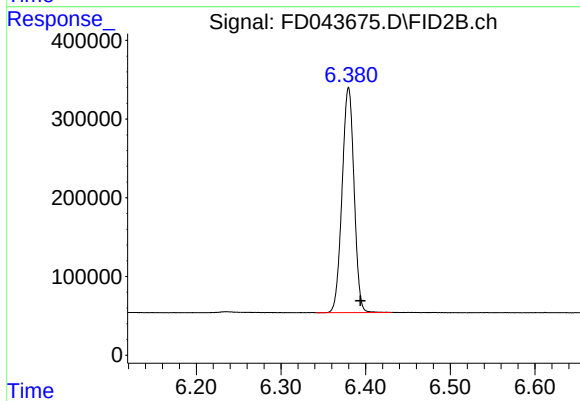
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.011 min
Response: 2834735
Conc: 20.16 ug/ml



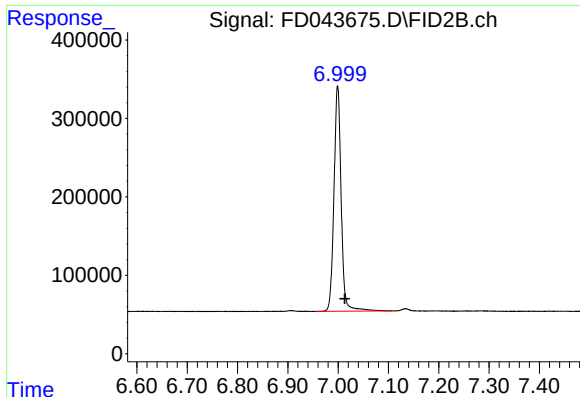
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.013 min
Response: 2941650
Conc: 19.36 ug/ml



#4 n-Dodecane (C12)

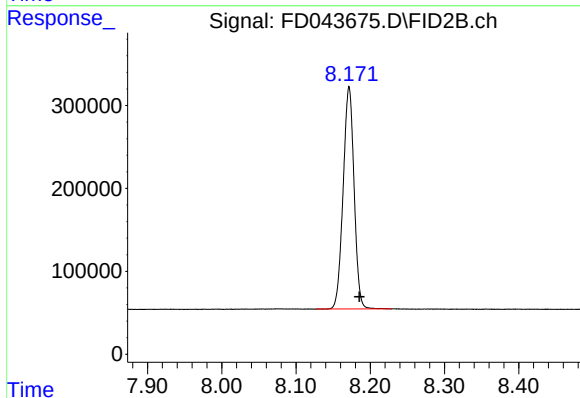
R.T.: 6.380 min
Delta R.T.: -0.014 min
Response: 2816376
Conc: 19.79 ug/ml



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

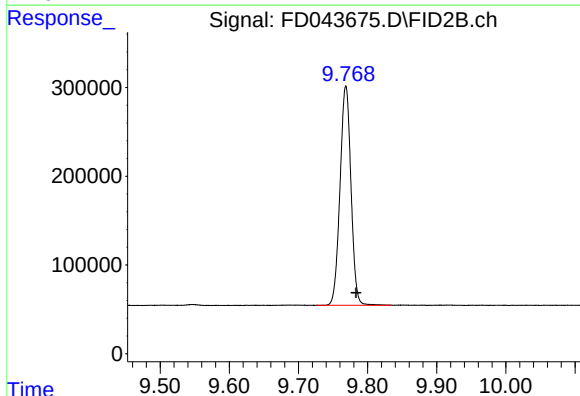
R.T.: 6.999 min
Delta R.T.: -0.014 min
Response: 2864014
Conc: 19.14 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



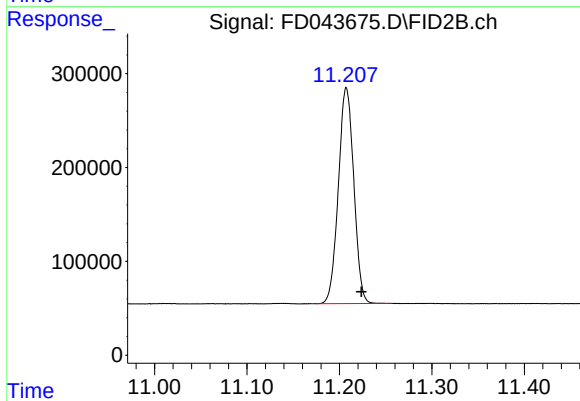
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.014 min
Response: 2751682
Conc: 19.40 ug/ml



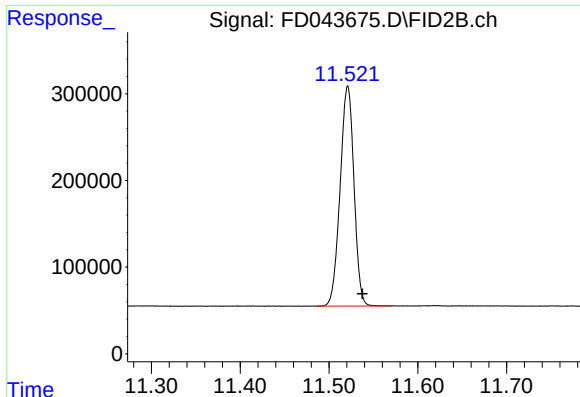
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.015 min
Response: 2722266
Conc: 19.19 ug/ml



#8 n-Octadecane (C18)

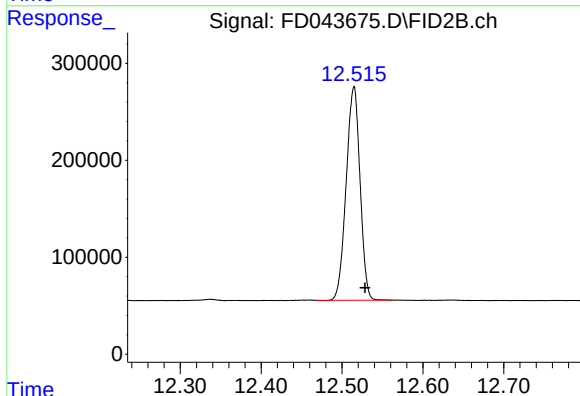
R.T.: 11.208 min
Delta R.T.: -0.016 min
Response: 2671264
Conc: 18.68 ug/ml



#9 ortho-Terphenyl (SURR)

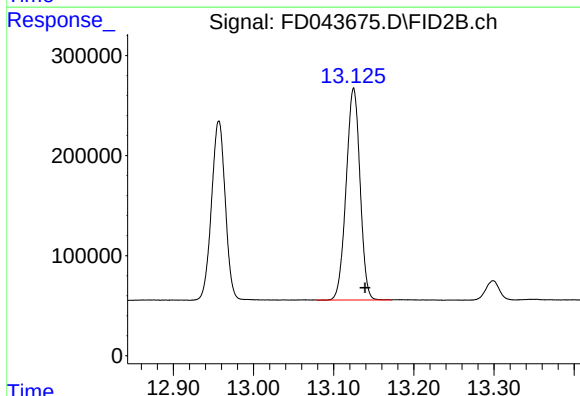
R.T.: 11.521 min
Delta R.T.: -0.017 min
Response: 2754249
Conc: 17.40 ug/ml

Instrument :
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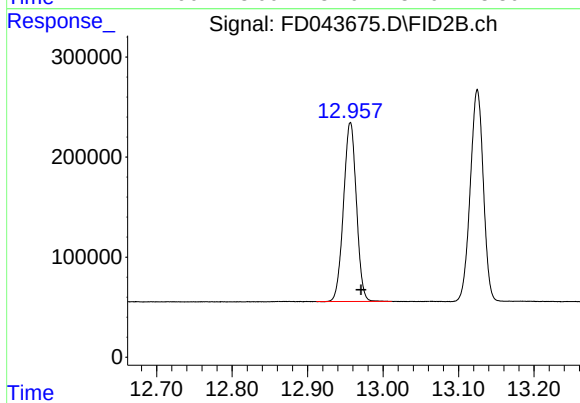
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.014 min
Response: 2622947
Conc: 18.12 ug/ml



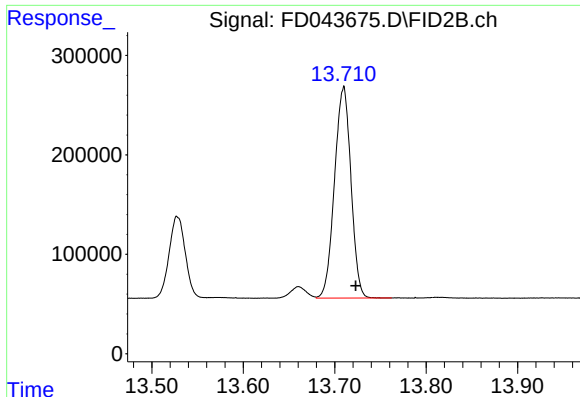
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.014 min
Response: 2545889
Conc: 17.53 ug/ml



#12 1-chlorooctadecane (SURR)

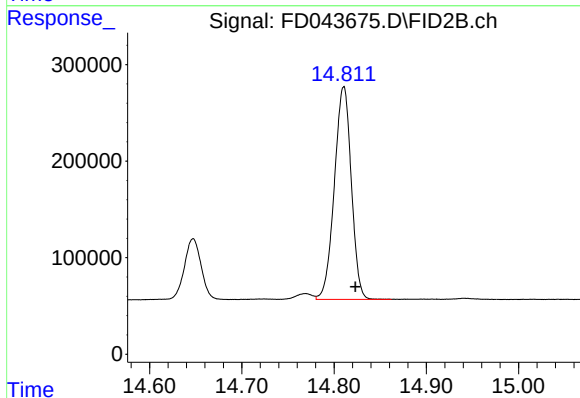
R.T.: 12.957 min
Delta R.T.: -0.014 min
Response: 2125260
Conc: 17.34 ug/ml



#13 n-Docosane (C22)

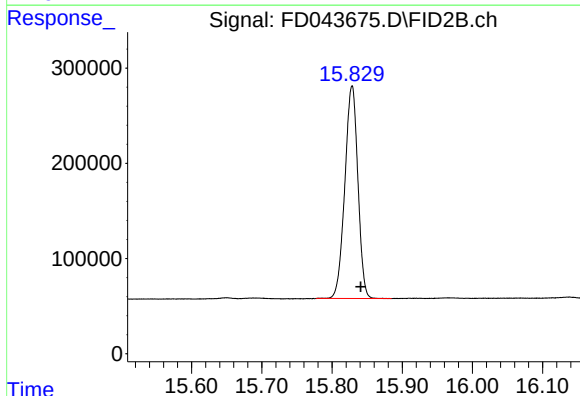
R.T.: 13.710 min
Delta R.T.: -0.013 min
Response: 2653472
Conc: 18.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



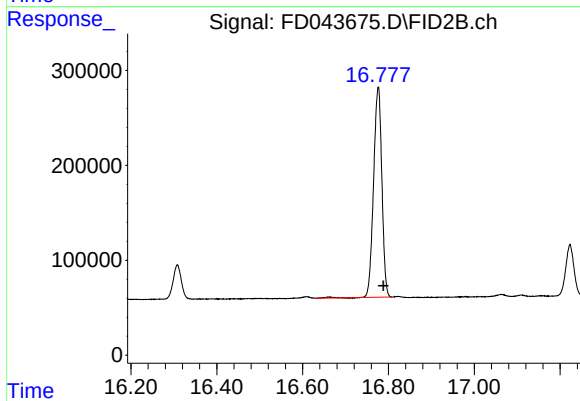
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.013 min
Response: 2809087
Conc: 19.39 ug/ml



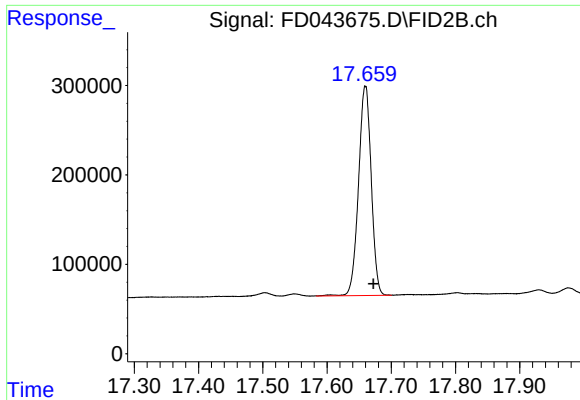
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.012 min
Response: 2888234
Conc: 20.08 ug/ml



#16 n-Octacosane (C28)

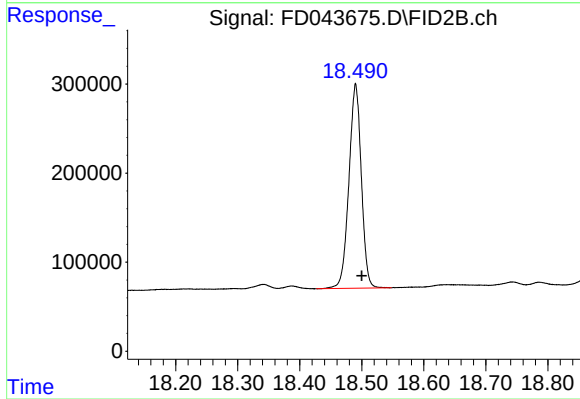
R.T.: 16.776 min
Delta R.T.: -0.012 min
Response: 2973936
Conc: 21.02 ug/ml



#17 n-Tricontane (C30)

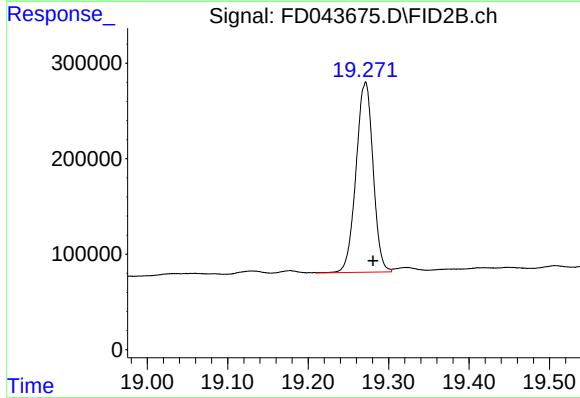
R.T.: 17.660 min
Delta R.T.: -0.012 min
Response: 3224676
Conc: 22.85 ug/ml

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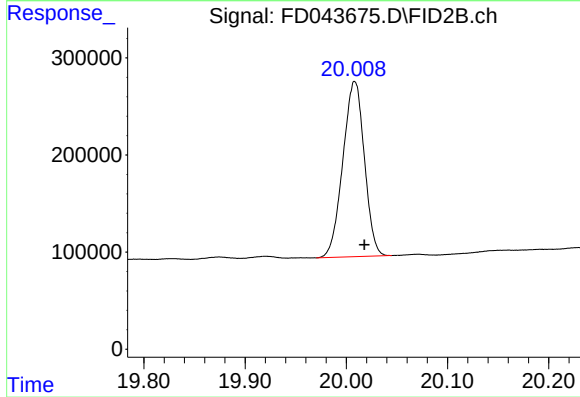
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.010 min
Response: 3187930
Conc: 23.05 ug/ml



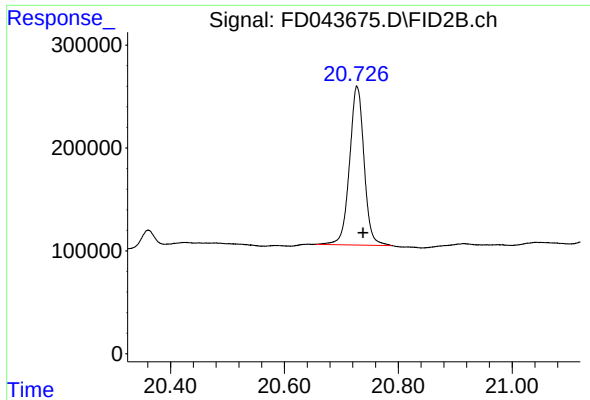
#19 n-Tetratriacontane (C34)

R.T.: 19.271 min
Delta R.T.: -0.009 min
Response: 2925234
Conc: 22.73 ug/ml



#20 n-Hexatriacontane (C36)

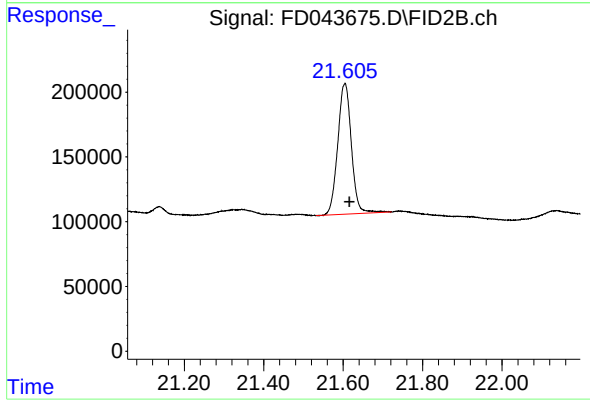
R.T.: 20.008 min
Delta R.T.: -0.009 min
Response: 2667270
Conc: 21.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: -0.012 min
Response: 2730958
Conc: 23.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: -0.012 min
Response: 2409144
Conc: 21.31 ug/ml