

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121222AL\
 Data File : FD044634.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2022 16:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 13 03:29:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 03:56:58 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)	11.565	3155686	20.722 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
12) S 1-chlorooctadecane (S...	12.988	2383826	20.454 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
Target Compounds			
1) T n-Nonane (C9)	3.400	2801459	20.637 ug/ml
2) T n-Decane (C10)	4.457	2763772	20.690 ug/ml
3) T A~Naphthalene (C11.7)	6.027	3186196	20.525 ug/ml
4) T n-Dodecane (C12)	6.454	2814786	20.697 ug/ml
5) T A~2-methylnaphthalene...	7.072	3014008	20.452 ug/ml
6) T n-Tetradecane (C14)	8.233	2854272	20.683 ug/ml
7) T n-Hexadecane (C16)	9.820	2921520	20.836 ug/ml
8) T n-Octadecane (C18)	11.249	2930611	20.918 ug/ml
10) T n-Eicosane (C20)	12.547	2818066	20.870 ug/ml
11) T n-Heneicosane (C21)	13.154	2815739	20.835 ug/ml
13) T n-Docosane (C22)	13.735	2803380	21.062 ug/ml
14) T n-Tetracosane (C24)	14.829	2809458	21.432 ug/ml
15) T n-Hexacosane (C26)	15.840	2764245	21.829 ug/ml
16) T n-Octacosane (C28)	16.781	2749388	22.306 ug/ml
17) T n-Tricontane (C30)	17.660	2733634	22.658 ug/ml
18) T n-Dotriacontane (C32)	18.484	2715956	22.708 ug/ml
19) T n-Tetratriacontane (C34)	19.260	2575963	21.764 ug/ml
20) T n-Hexatriacontane (C36)	19.992	2369053	20.899 ug/ml
21) T n-Octatriacontane (C38)	20.703	2224763	19.645 ug/ml
22) T n-Tetracontane (C40)	21.568	2061889	18.232 ug/ml

(f)=RT Delta > 1/2 Window

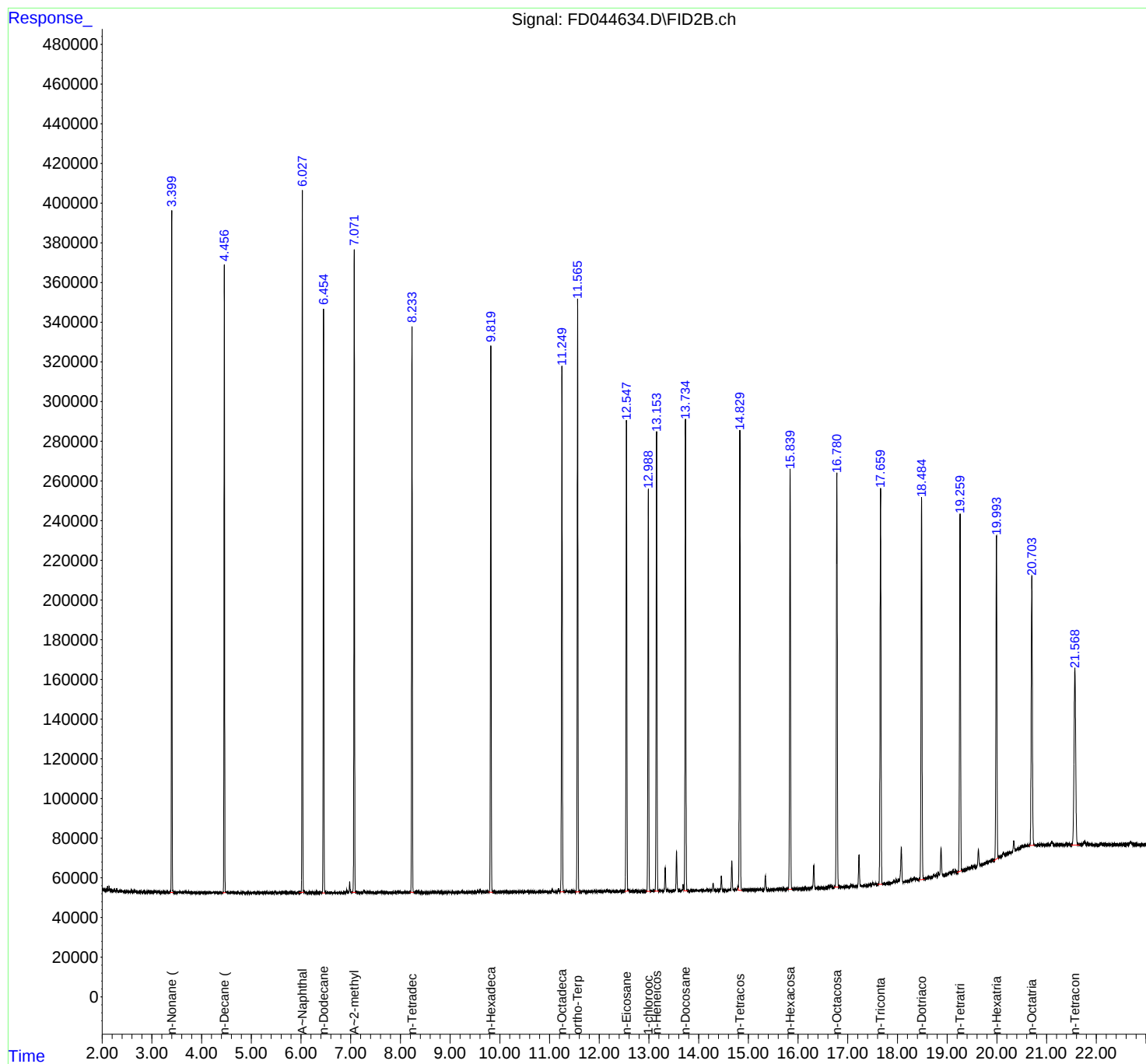
(m)=manual int.

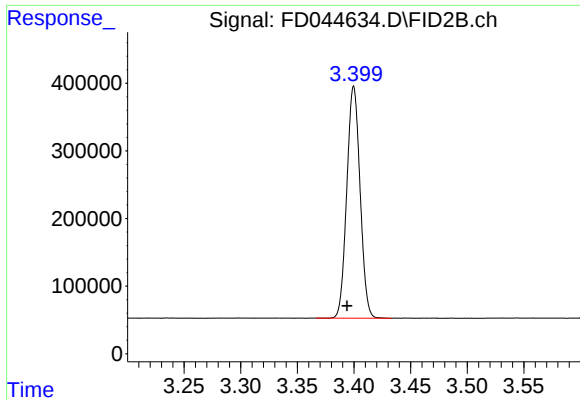
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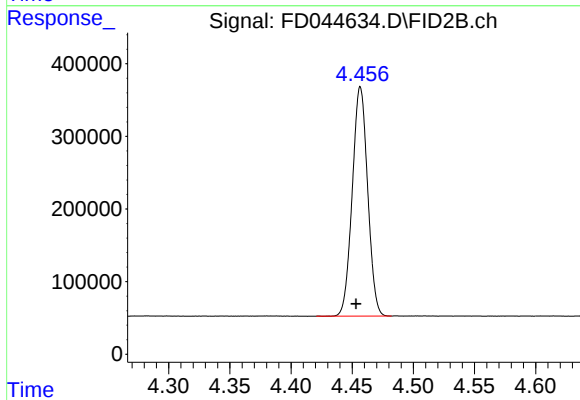




#1 n-Nonane (C9)

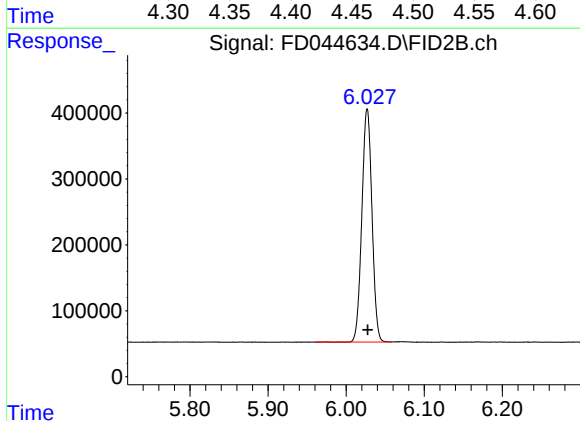
R.T.: 3.400 min
Delta R.T.: 0.006 min
Response: 2801459
Conc: 20.64 ug/ml

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20 PPM ALIPHATIC HC STD



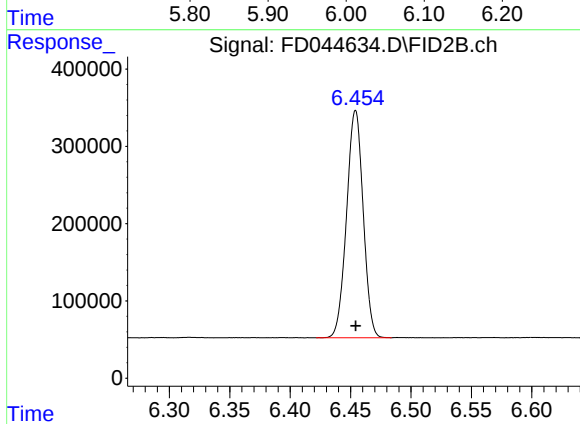
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: 0.004 min
Response: 2763772
Conc: 20.69 ug/ml



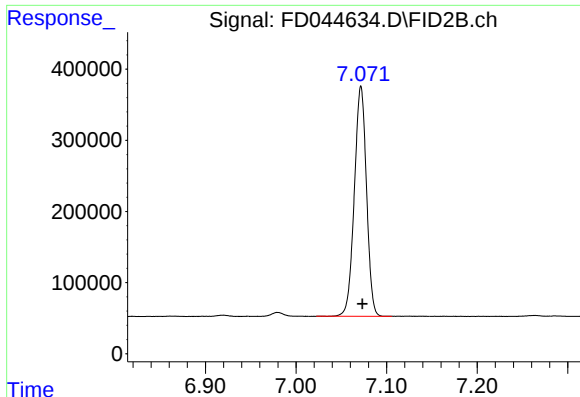
#3 A~Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 3186196
Conc: 20.52 ug/ml



#4 n-Dodecane (C12)

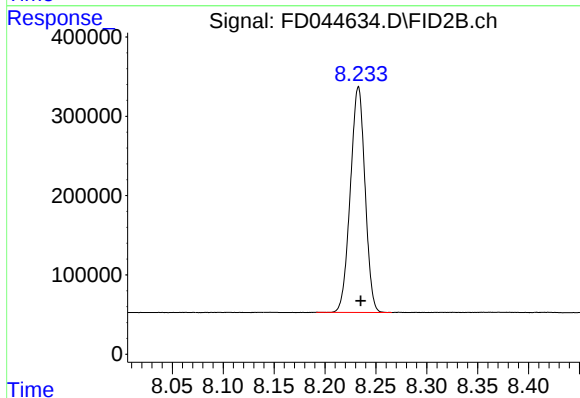
R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 2814786
Conc: 20.70 ug/ml



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

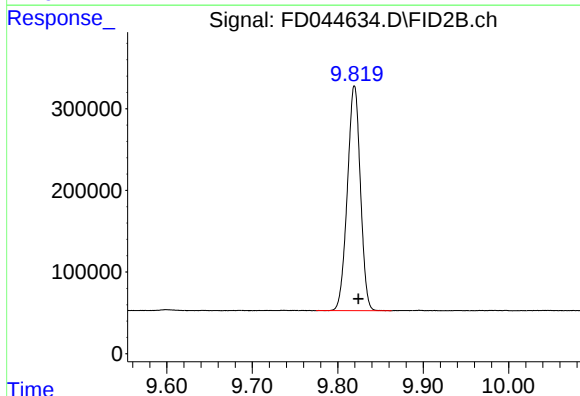
R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 3014008
Conc: 20.45 ug/ml

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20 PPM ALIPHATIC HC STD



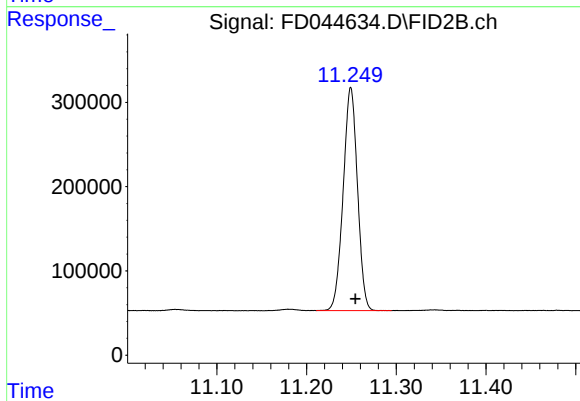
#6 n-Tetradecane (C14)

R.T.: 8.233 min
Delta R.T.: -0.002 min
Response: 2854272
Conc: 20.68 ug/ml



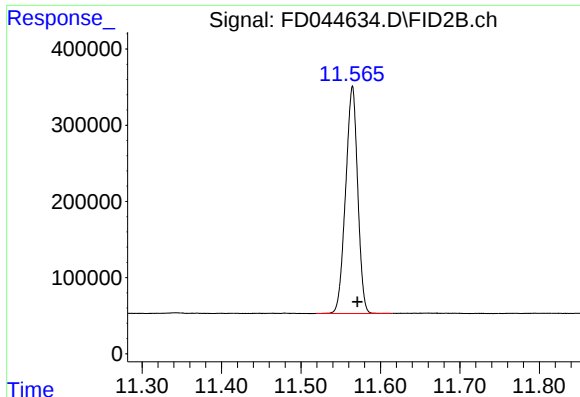
#7 n-Hexadecane (C16)

R.T.: 9.820 min
Delta R.T.: -0.004 min
Response: 2921520
Conc: 20.84 ug/ml



#8 n-Octadecane (C18)

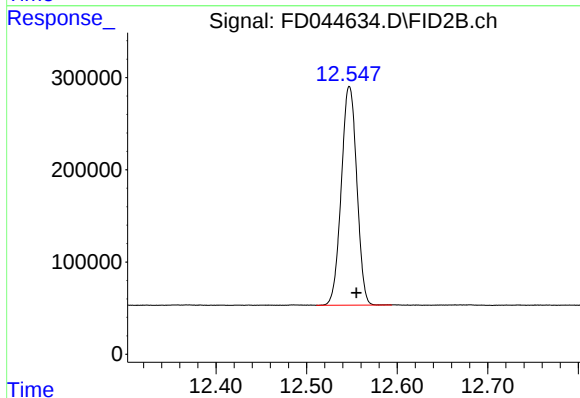
R.T.: 11.249 min
Delta R.T.: -0.005 min
Response: 2930611
Conc: 20.92 ug/ml



#9 ortho-Terphenyl (SURR)

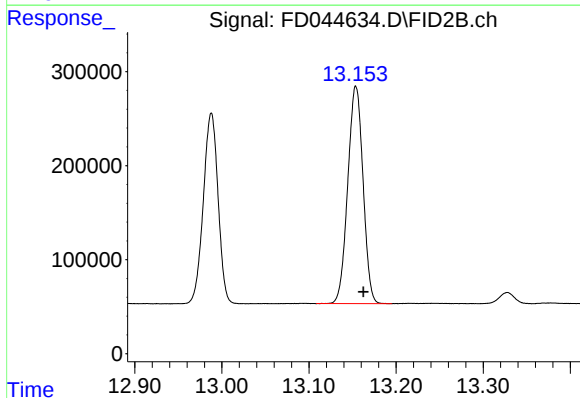
R.T.: 11.565 min
Delta R.T.: -0.006 min
Response: 3155686
Conc: 20.72 ug/ml

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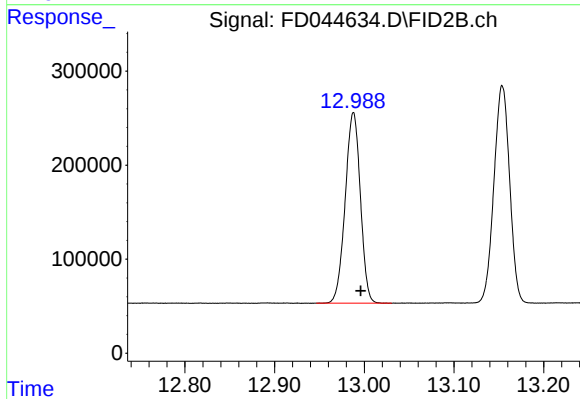
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: -0.008 min
Response: 2818066
Conc: 20.87 ug/ml



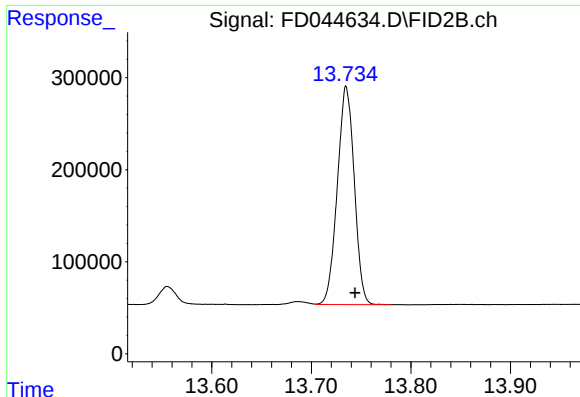
#11 n-Heneicosane (C21)

R.T.: 13.154 min
Delta R.T.: -0.008 min
Response: 2815739
Conc: 20.83 ug/ml



#12 1-chlorooctadecane (SURR)

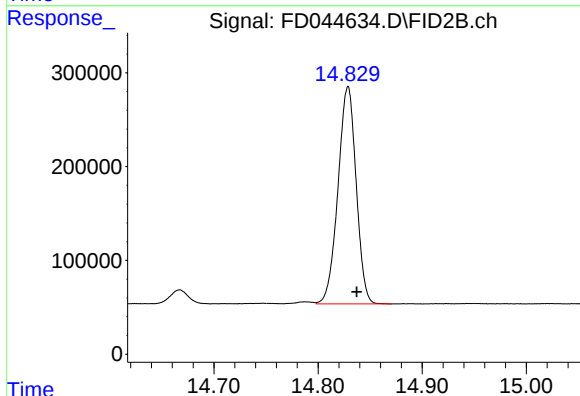
R.T.: 12.988 min
Delta R.T.: -0.008 min
Response: 2383826
Conc: 20.45 ug/ml



#13 n-Docosane (C22)

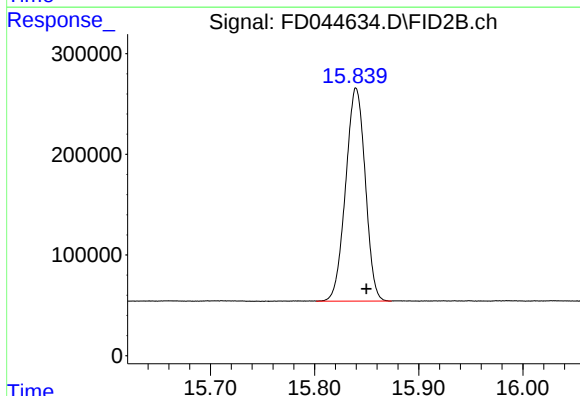
R.T.: 13.735 min
Delta R.T.: -0.009 min
Response: 2803380
Conc: 21.06 ug/ml

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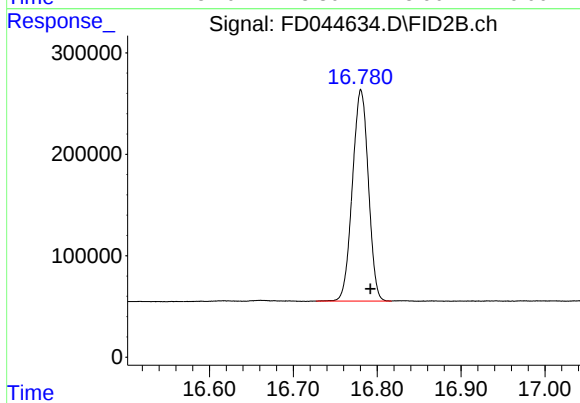
#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: -0.008 min
Response: 2809458
Conc: 21.43 ug/ml



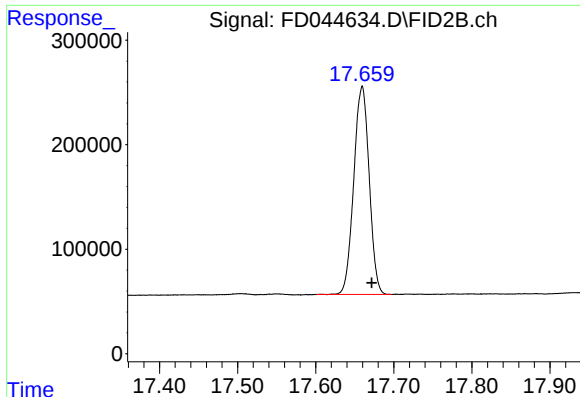
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: -0.010 min
Response: 2764245
Conc: 21.83 ug/ml



#16 n-Octacosane (C28)

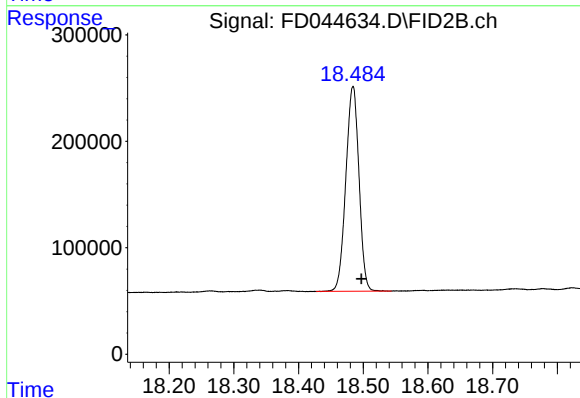
R.T.: 16.781 min
Delta R.T.: -0.011 min
Response: 2749388
Conc: 22.31 ug/ml



#17 n-Tricontane (C30)

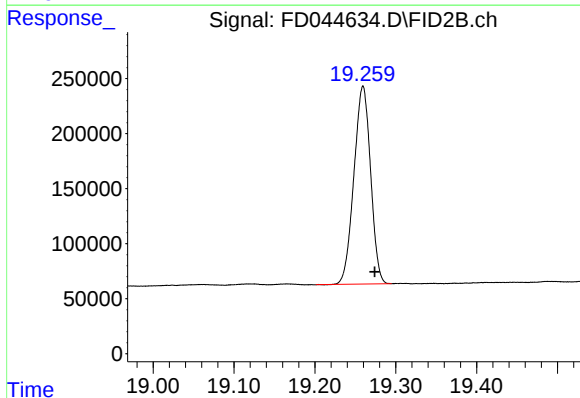
R.T.: 17.660 min
Delta R.T.: -0.012 min
Response: 2733634
Conc: 22.66 ug/ml

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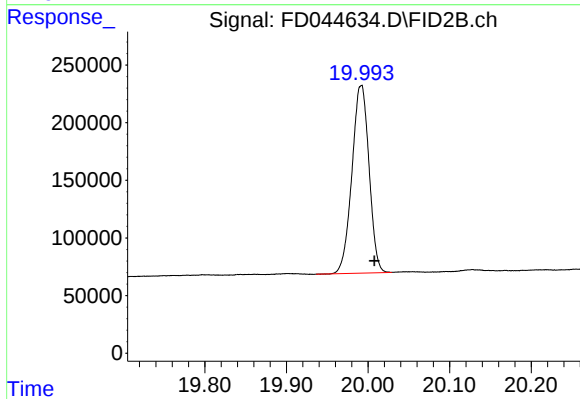
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: -0.013 min
Response: 2715956
Conc: 22.71 ug/ml



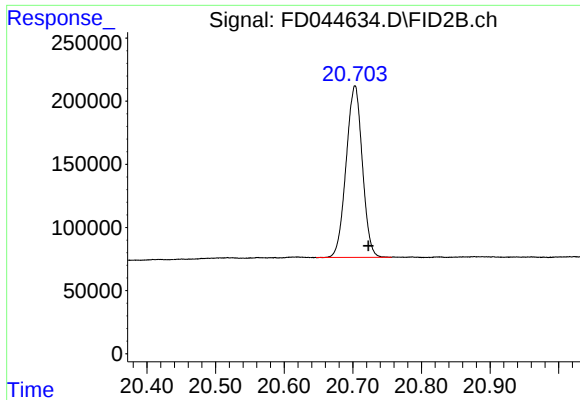
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min
Delta R.T.: -0.014 min
Response: 2575963
Conc: 21.76 ug/ml



#20 n-Hexatriacontane (C36)

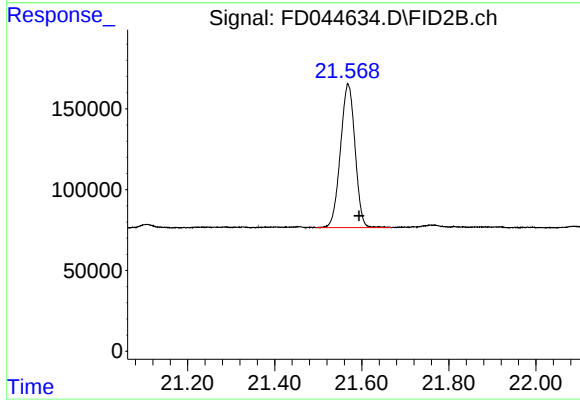
R.T.: 19.992 min
Delta R.T.: -0.016 min
Response: 2369053
Conc: 20.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.703 min
Delta R.T.: -0.020 min
Response: 2224763
Conc: 19.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: -0.025 min
Response: 2061889
Conc: 18.23 ug/ml