

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040723AL\
 Data File : FD045447.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2023 04:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 10 04:16:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 05:57:21 2023
 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)	11.439	3404817	20.307 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
12) S 1-chlorooctadecane (S...	12.871	2421881	20.277 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
Target Compounds			
1) T n-Nonane (C9)	3.256	3025852	19.865 ug/ml
2) T n-Decane (C10)	4.314	2980619	19.747 ug/ml
3) T A~Naphthalene (C11.7)	5.881	3432942	19.827 ug/ml
4) T n-Dodecane (C12)	6.320	2990605	19.603 ug/ml
5) T A~2-methylnaphthalene...	6.931	3197191	19.809 ug/ml
6) T n-Tetradecane (C14)	8.105	3039225	19.860 ug/ml
7) T n-Hexadecane (C16)	9.697	3110073	19.970 ug/ml
8) T n-Octadecane (C18)	11.131	3151215	20.120 ug/ml
10) T n-Eicosane (C20)	12.432	3018785	20.358 ug/ml
11) T n-Heneicosane (C21)	13.041	2964342	20.145 ug/ml
13) T n-Docosane (C22)	13.623	2910825	20.168 ug/ml
14) T n-Tetracosane (C24)	14.720	2800345	20.064 ug/ml
15) T n-Hexacosane (C26)	15.734	2678363	19.931 ug/ml
16) T n-Octacosane (C28)	16.676	2644852	20.113 ug/ml
17) T n-Tricontane (C30)	17.557	2602778	19.974 ug/ml
18) T n-Dotriacontane (C32)	18.382	2628870	20.202 ug/ml
19) T n-Tetratriacontane (C34)	19.160	2503868	20.040 ug/ml
20) T n-Hexatriacontane (C36)	19.894	2261744	19.714 ug/ml
21) T n-Octatriacontane (C38)	20.597	2018180	18.393 ug/ml
22) T n-Tetracontane (C40)	21.429	1656202	15.438 ug/ml

(f)=RT Delta > 1/2 Window

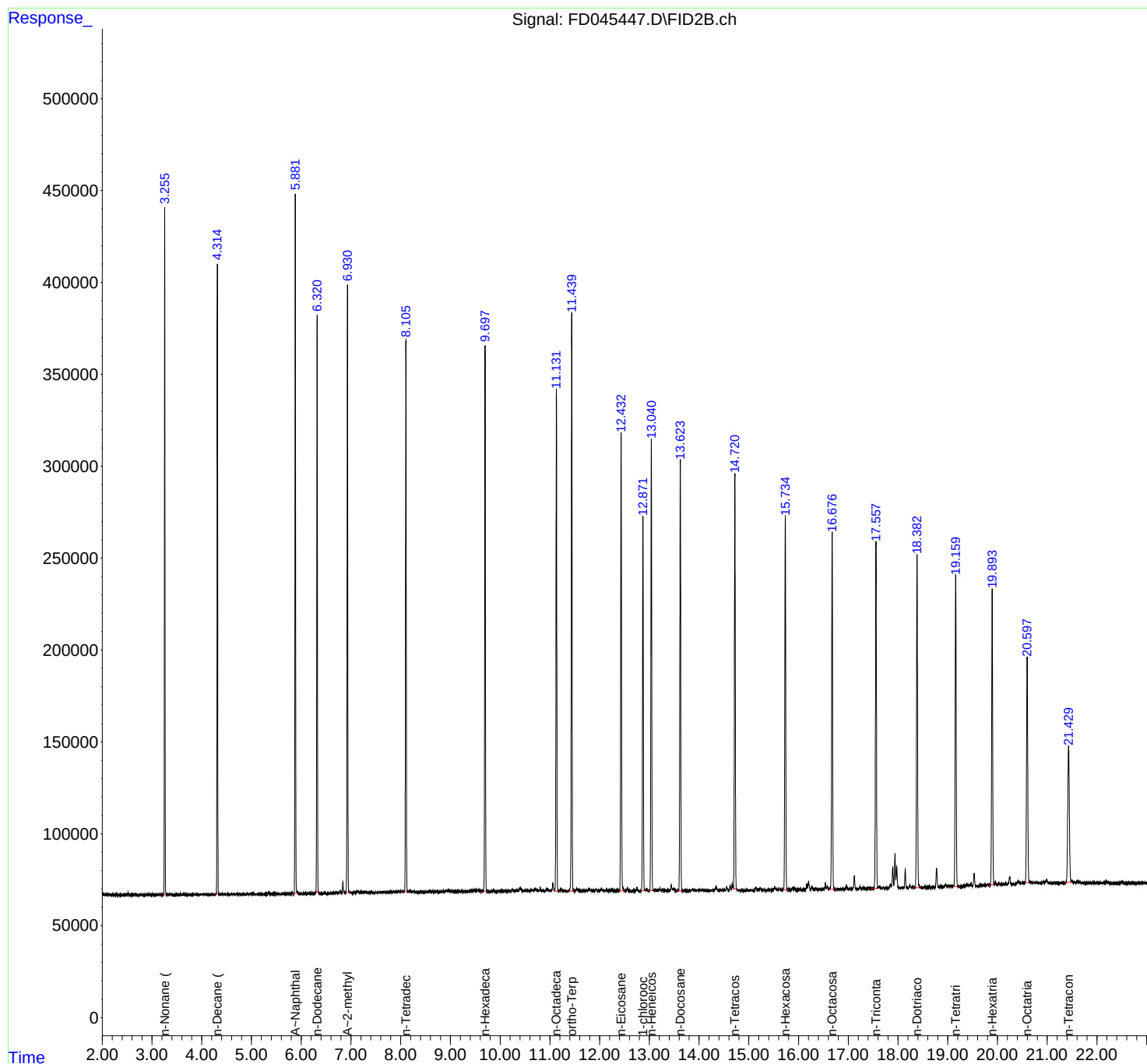
(m)=manual int.

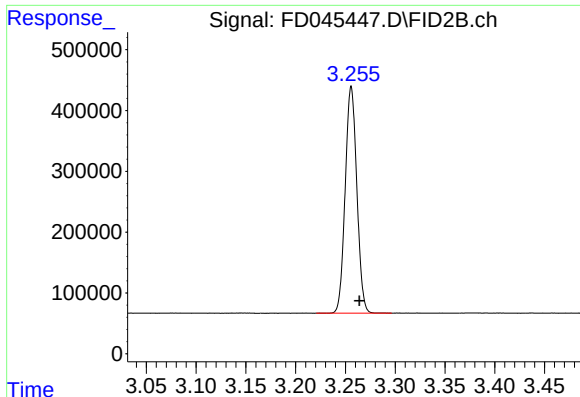
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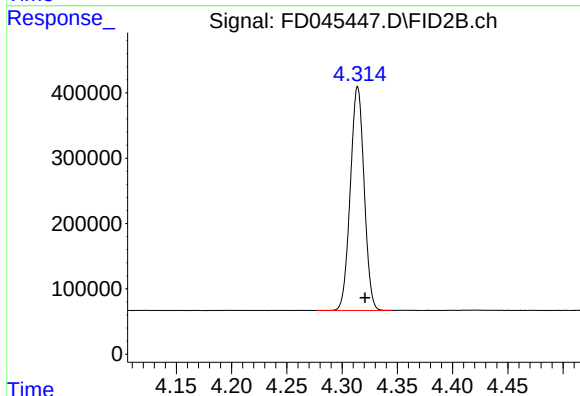




#1 n-Nonane (C9)

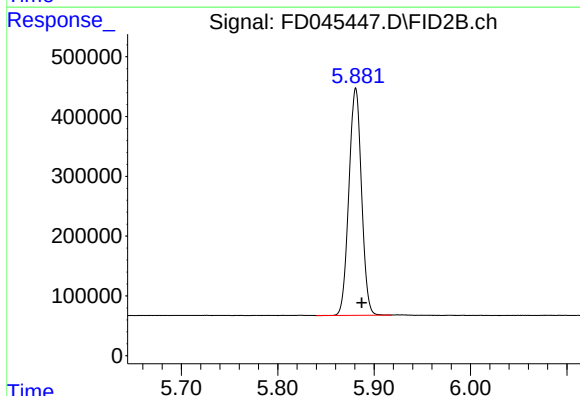
R.T.: 3.256 min
Delta R.T.: -0.008 min
Response: 3025852
Conc: 19.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



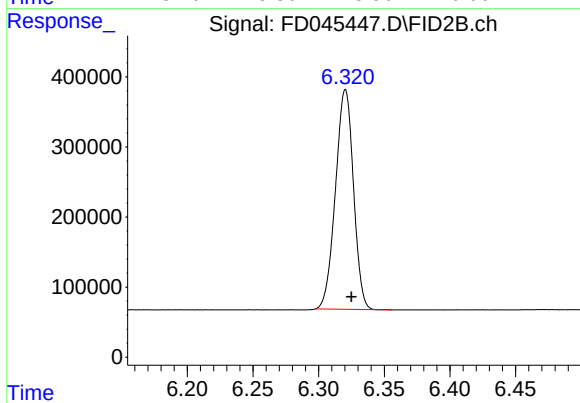
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: -0.007 min
Response: 2980619
Conc: 19.75 ug/ml



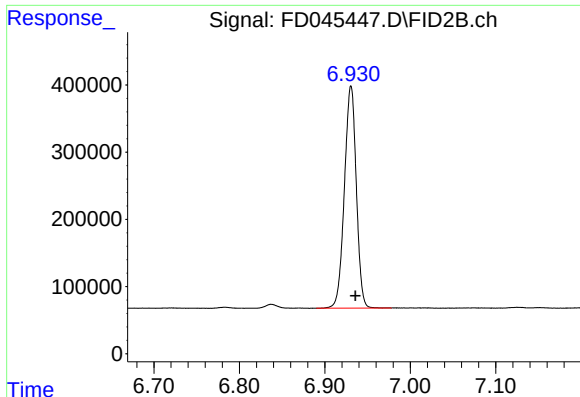
#3 A~Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: -0.006 min
Response: 3432942
Conc: 19.83 ug/ml



#4 n-Dodecane (C12)

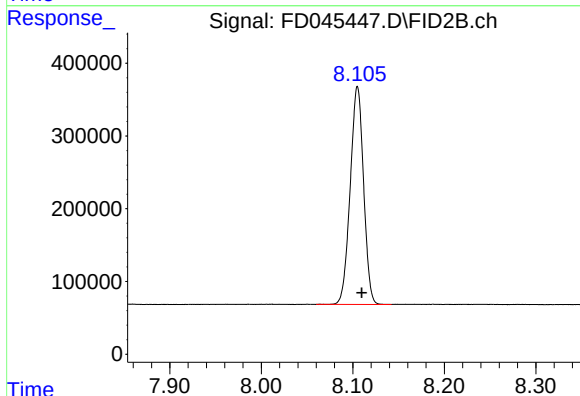
R.T.: 6.320 min
Delta R.T.: -0.004 min
Response: 2990605
Conc: 19.60 ug/ml



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

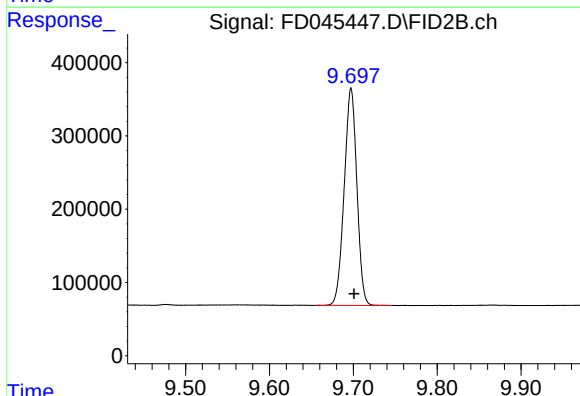
R.T.: 6.931 min
Delta R.T.: -0.005 min
Response: 3197191
Conc: 19.81 ug/ml

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20 PPM ALIPHATIC HC STD



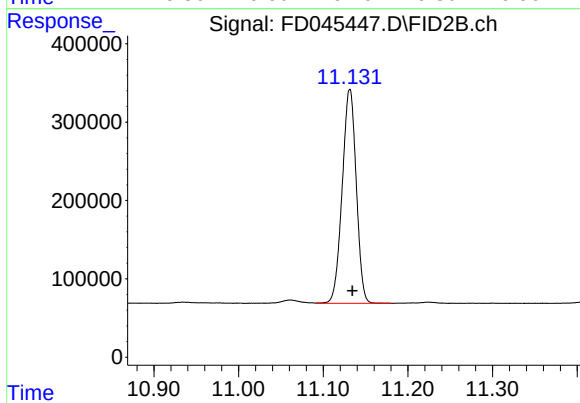
#6 n-Tetradecane (C14)

R.T.: 8.105 min
Delta R.T.: -0.005 min
Response: 3039225
Conc: 19.86 ug/ml



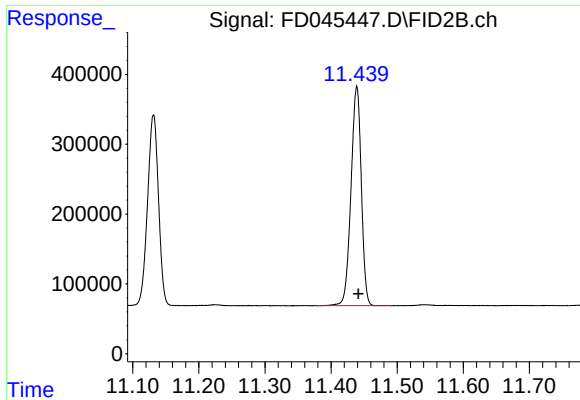
#7 n-Hexadecane (C16)

R.T.: 9.697 min
Delta R.T.: -0.004 min
Response: 3110073
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

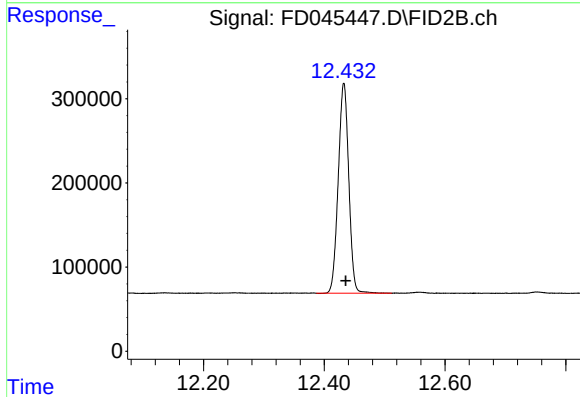
R.T.: 11.131 min
Delta R.T.: -0.003 min
Response: 3151215
Conc: 20.12 ug/ml



#9 ortho-Terphenyl (SURR)

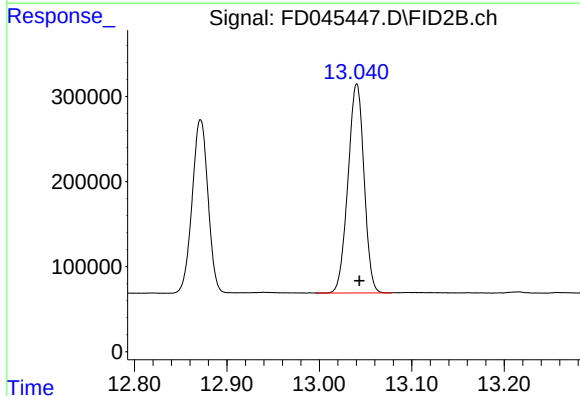
R.T.: 11.439 min
Delta R.T.: -0.003 min
Response: 3404817
Conc: 20.31 ug/ml

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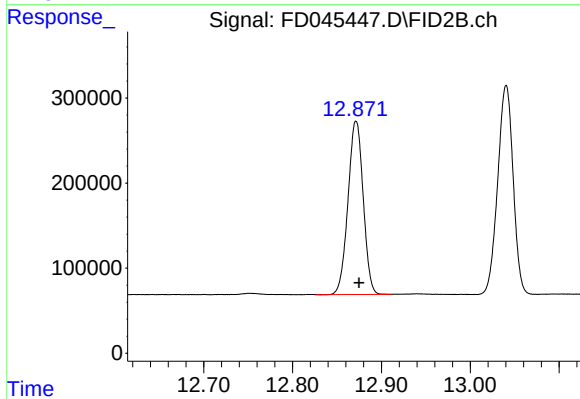
#10 n-Eicosane (C20)

R.T.: 12.432 min
Delta R.T.: -0.003 min
Response: 3018785
Conc: 20.36 ug/ml



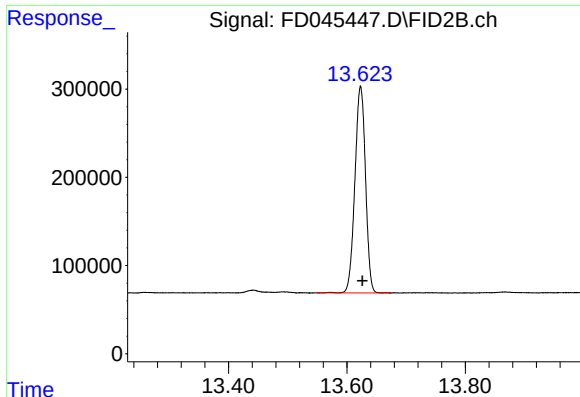
#11 n-Heneicosane (C21)

R.T.: 13.041 min
Delta R.T.: -0.003 min
Response: 2964342
Conc: 20.14 ug/ml



#12 1-chlorooctadecane (SURR)

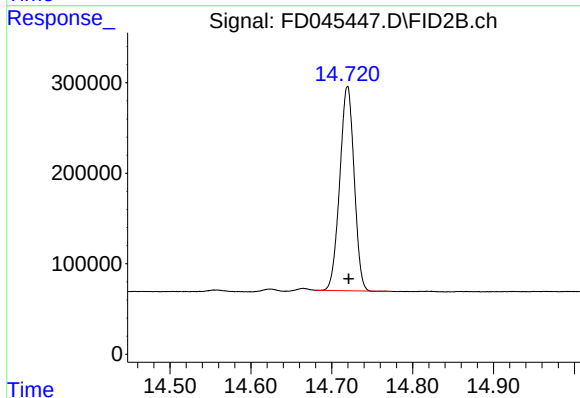
R.T.: 12.871 min
Delta R.T.: -0.004 min
Response: 2421881
Conc: 20.28 ug/ml



#13 n-Docosane (C22)

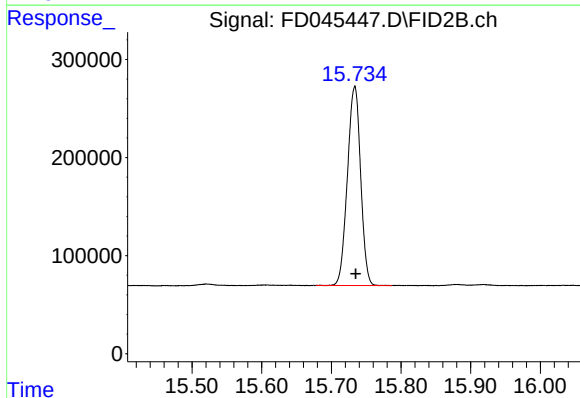
R.T.: 13.623 min
Delta R.T.: -0.003 min
Response: 2910825
Conc: 20.17 ug/ml

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20 PPM ALIPHATIC HC STD



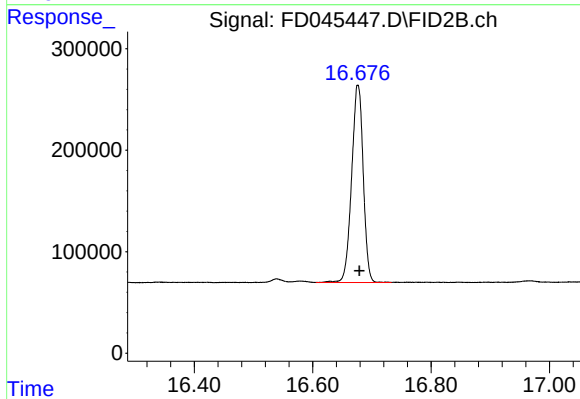
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: -0.002 min
Response: 2800345
Conc: 20.06 ug/ml



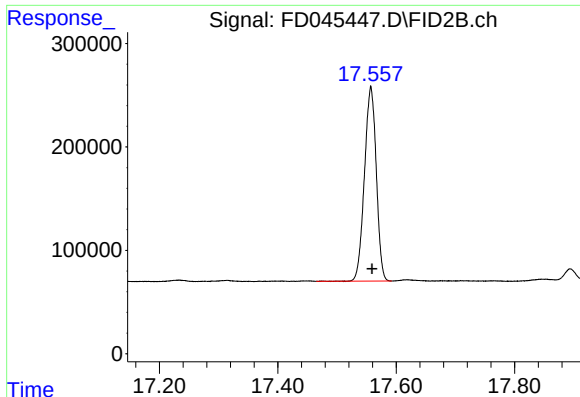
#15 n-Hexacosane (C26)

R.T.: 15.734 min
Delta R.T.: -0.001 min
Response: 2678363
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

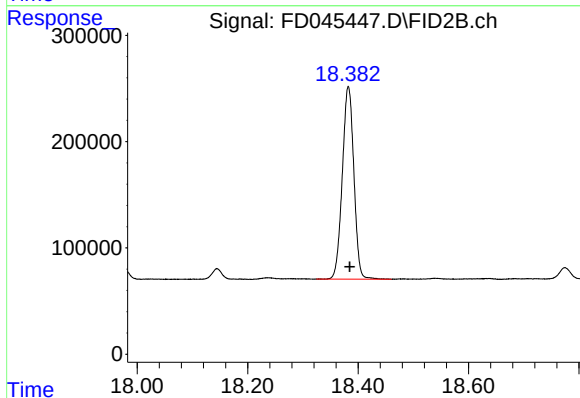
R.T.: 16.676 min
Delta R.T.: -0.002 min
Response: 2644852
Conc: 20.11 ug/ml



#17 n-Tricontane (C30)

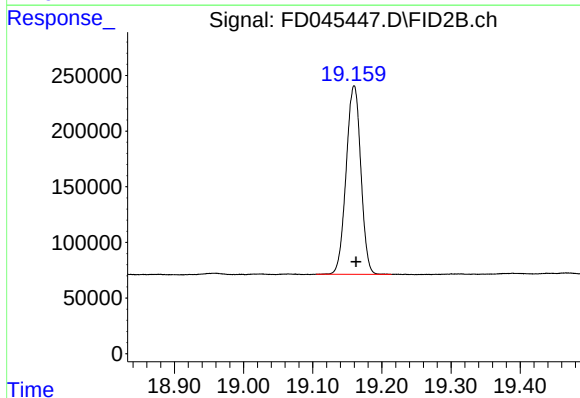
R.T.: 17.557 min
Delta R.T.: -0.002 min
Response: 2602778
Conc: 19.97 ug/ml

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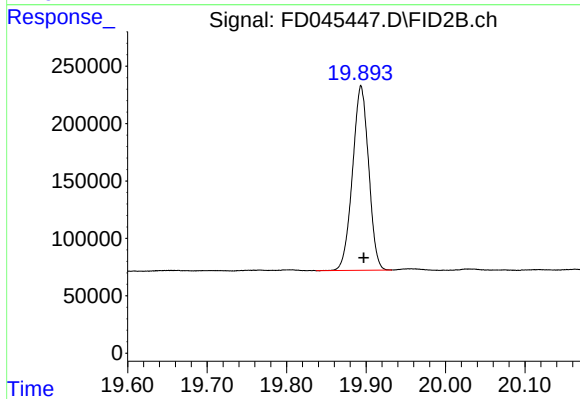
#18 n-Dotriacontane (C32)

R.T.: 18.382 min
Delta R.T.: -0.003 min
Response: 2628870
Conc: 20.20 ug/ml



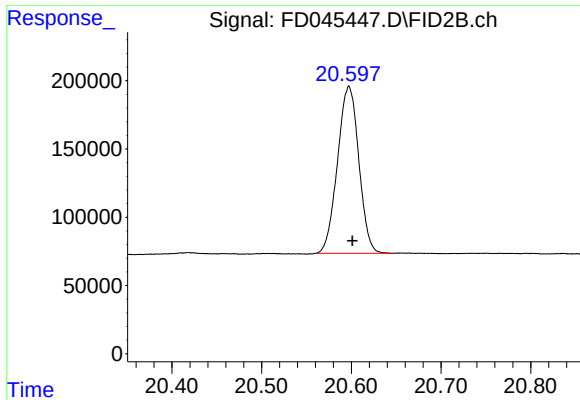
#19 n-Tetratriacontane (C34)

R.T.: 19.160 min
Delta R.T.: -0.003 min
Response: 2503868
Conc: 20.04 ug/ml



#20 n-Hexatriacontane (C36)

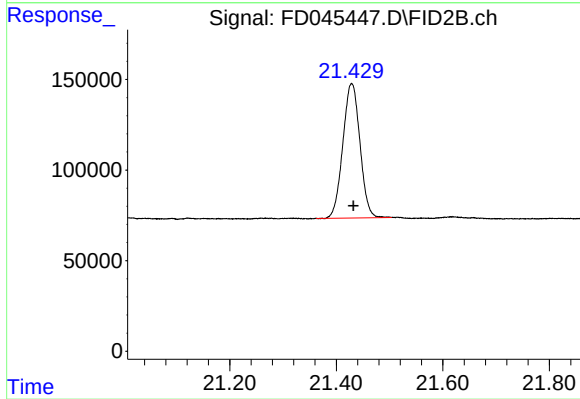
R.T.: 19.894 min
Delta R.T.: -0.003 min
Response: 2261744
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.597 min
Delta R.T.: -0.004 min
Response: 2018180
Conc: 18.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.429 min
Delta R.T.: -0.003 min
Response: 1656202
Conc: 15.44 ug/ml