

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041023AL\
 Data File : FD045466.D
 Signal(s) : FID2B.ch
 Acq On : 11 Apr 2023 02:44
 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 11 03:41:01 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)	11.440	3500531	20.878 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
12) S 1-chlorooctadecane (S...	12.872	2426641	20.317 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
Target Compounds			
1) T n-Nonane (C9)	3.261	3160886	20.752 ug/ml
2) T n-Decane (C10)	4.319	3147685	20.854 ug/ml
3) T A~Naphthalene (C11.7)	5.884	3610265	20.851 ug/ml
4) T n-Dodecane (C12)	6.323	3174513	20.809 ug/ml
5) T A~2-methylnaphthalene...	6.933	3336310	20.671 ug/ml
6) T n-Tetradecane (C14)	8.108	3193833	20.870 ug/ml
7) T n-Hexadecane (C16)	9.699	3265611	20.969 ug/ml
8) T n-Octadecane (C18)	11.133	3308138	21.122 ug/ml
10) T n-Eicosane (C20)	12.433	3119445	21.037 ug/ml
11) T n-Heneicosane (C21)	13.042	3089687	20.997 ug/ml
13) T n-Docosane (C22)	13.624	3018965	20.918 ug/ml
14) T n-Tetracosane (C24)	14.720	2908626	20.840 ug/ml
15) T n-Hexacosane (C26)	15.734	2778549	20.676 ug/ml
16) T n-Octacosane (C28)	16.677	2728365	20.748 ug/ml
17) T n-Tricontane (C30)	17.557	2747810	21.087 ug/ml
18) T n-Dotriacontane (C32)	18.384	2776837	21.339 ug/ml
19) T n-Tetratriacontane (C34)	19.161	2688672	21.520 ug/ml
20) T n-Hexatriacontane (C36)	19.895	2453732	21.387 ug/ml
21) T n-Octatriacontane (C38)	20.599	2238543	20.401 ug/ml
22) T n-Tetracontane (C40)	21.433	1887910	17.598 ug/ml

(f)=RT Delta > 1/2 Window

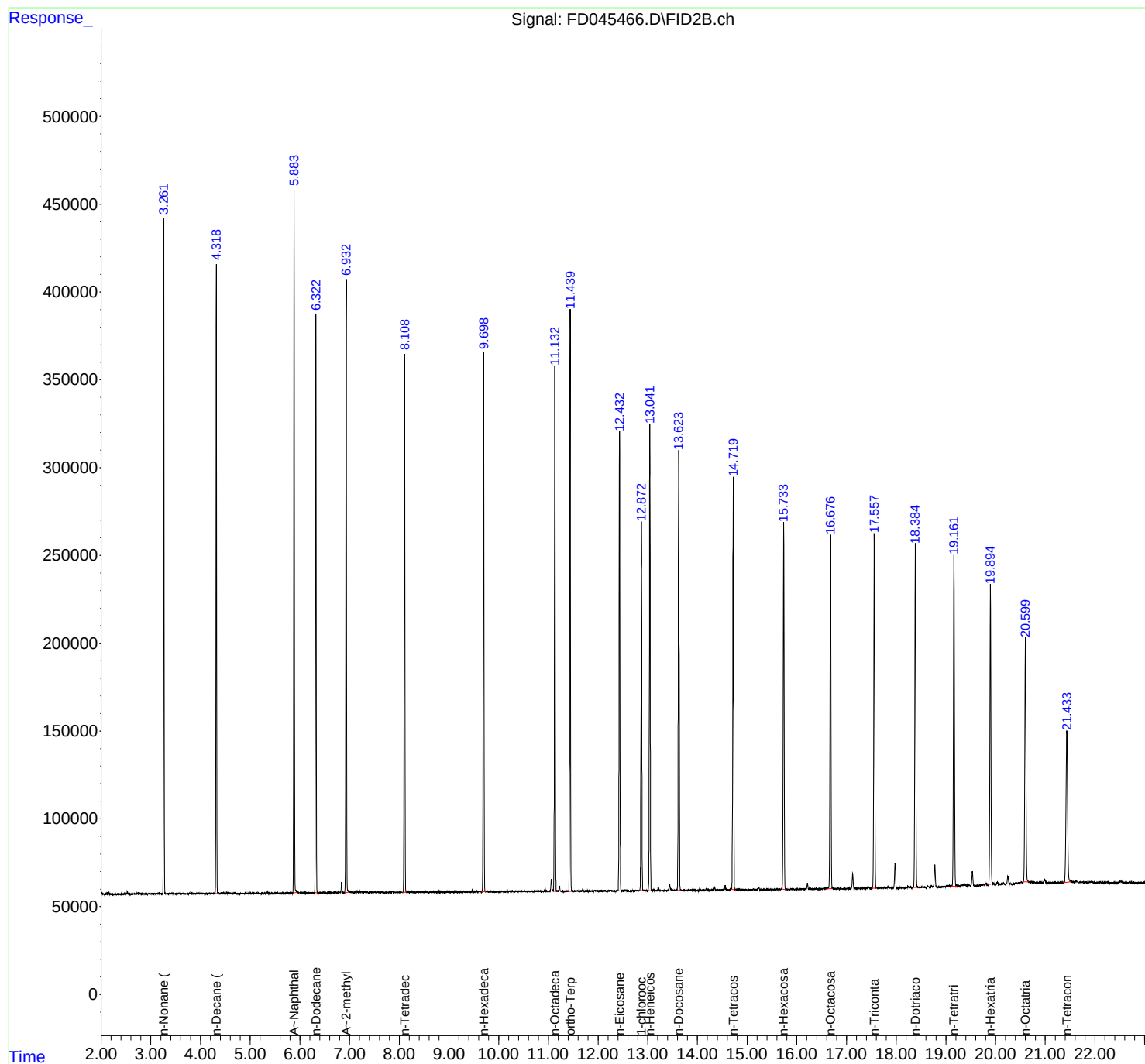
(m)=manual int.

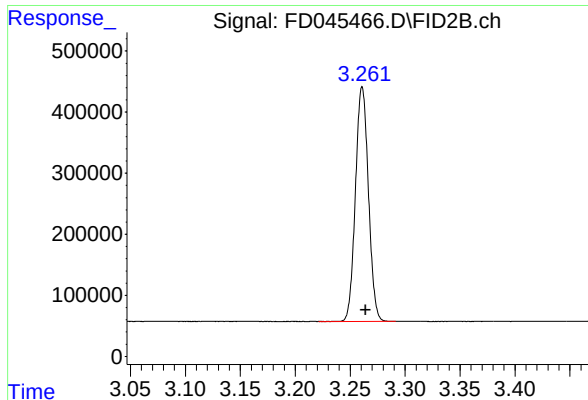
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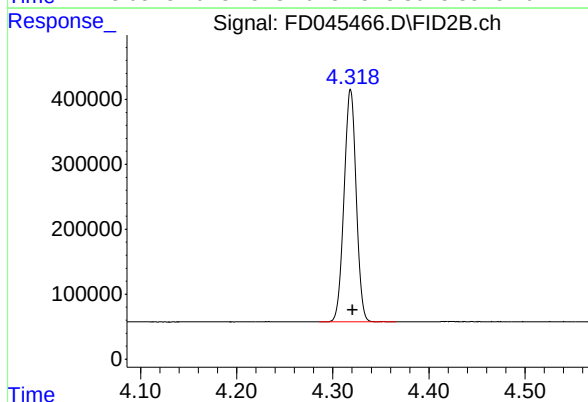




#1 n-Nonane (C9)

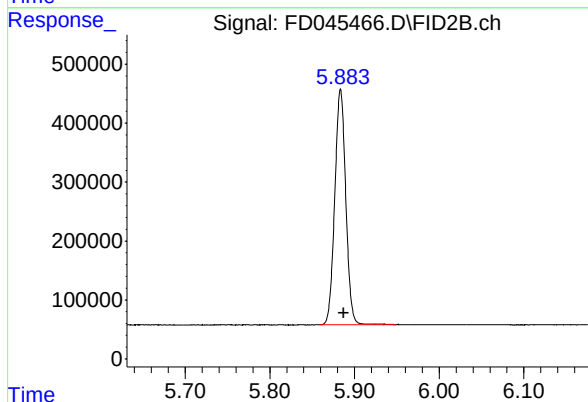
R.T.: 3.261 min
Delta R.T.: -0.003 min
Response: 3160886
Conc: 20.75 ug/ml

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20 PPM ALIPHATIC HC STD



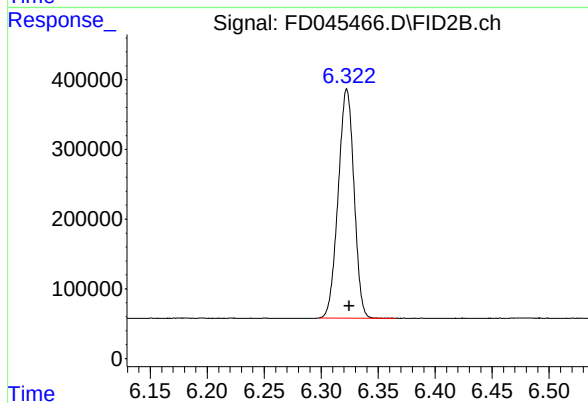
#2 n-Decane (C10)

R.T.: 4.319 min
Delta R.T.: -0.002 min
Response: 3147685
Conc: 20.85 ug/ml



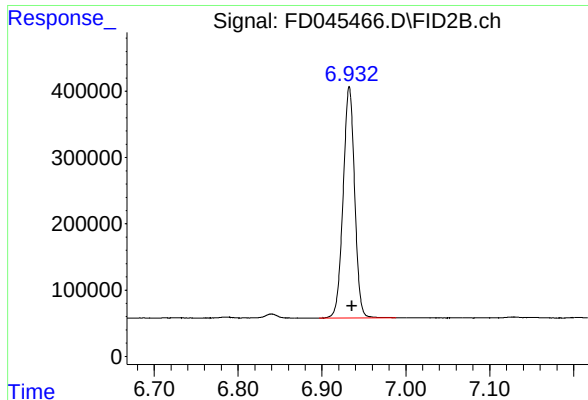
#3 A~Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.004 min
Response: 3610265
Conc: 20.85 ug/ml



#4 n-Dodecane (C12)

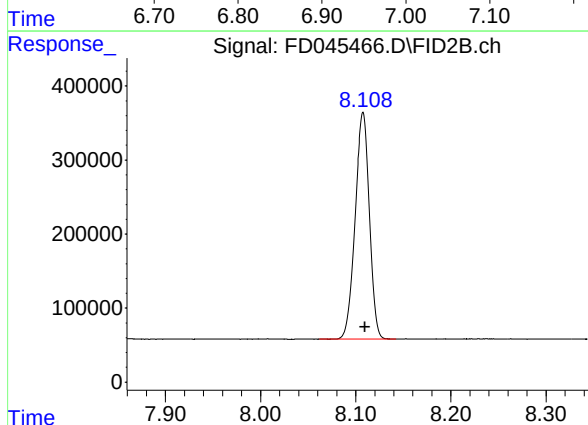
R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 3174513
Conc: 20.81 ug/ml



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

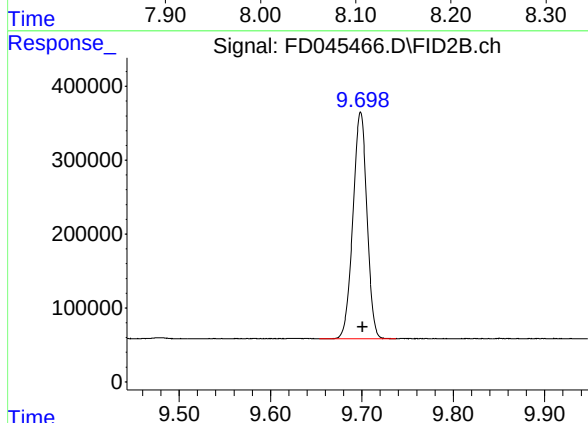
R.T.: 6.933 min
Delta R.T.: -0.003 min
Response: 3336310
Conc: 20.67 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



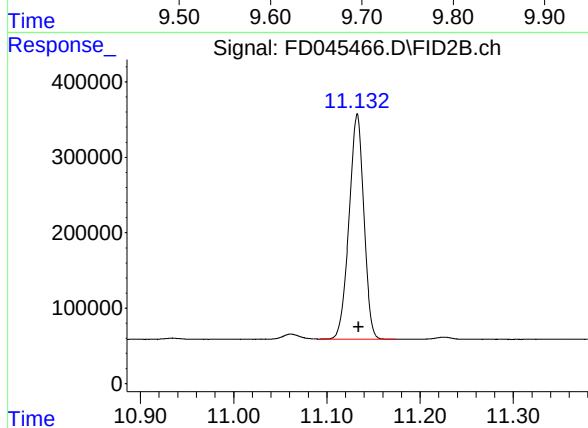
#6 n-Tetradecane (C14)

R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 3193833
Conc: 20.87 ug/ml



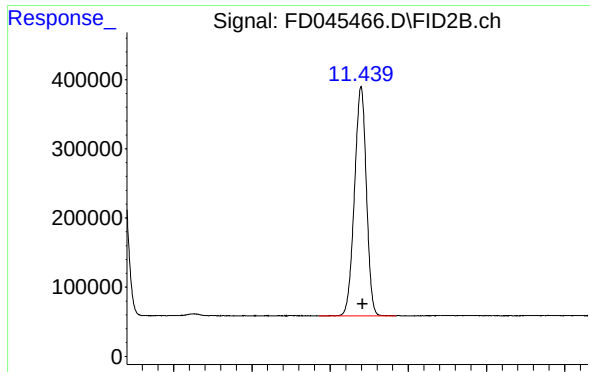
#7 n-Hexadecane (C16)

R.T.: 9.699 min
Delta R.T.: -0.002 min
Response: 3265611
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

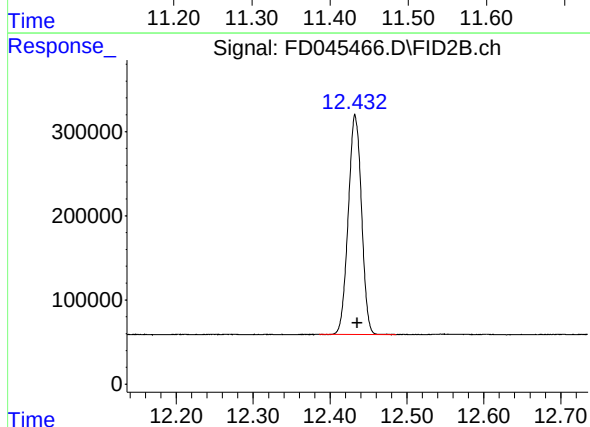
R.T.: 11.133 min
Delta R.T.: -0.002 min
Response: 3308138
Conc: 21.12 ug/ml



#9 ortho-Terphenyl (SURR)

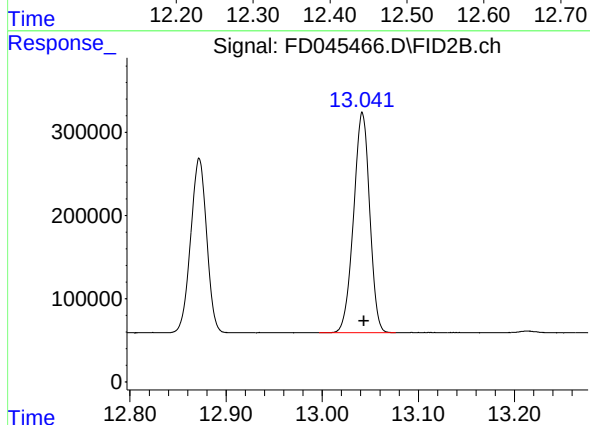
R.T.: 11.440 min
Delta R.T.: -0.002 min
Response: 3500531
Conc: 20.88 ug/ml

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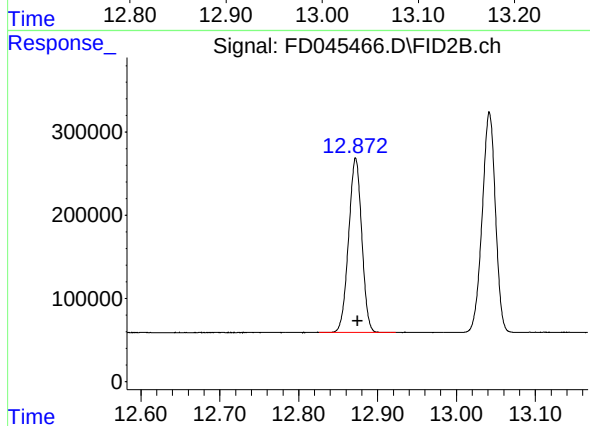
#10 n-Eicosane (C20)

R.T.: 12.433 min
Delta R.T.: -0.003 min
Response: 3119445
Conc: 21.04 ug/ml



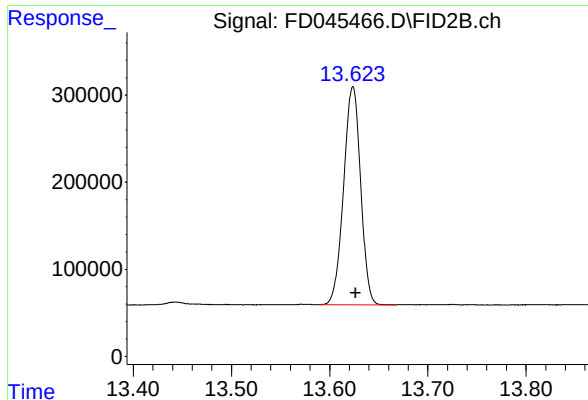
#11 n-Heneicosane (C21)

R.T.: 13.042 min
Delta R.T.: -0.002 min
Response: 3089687
Conc: 21.00 ug/ml



#12 1-chlorooctadecane (SURR)

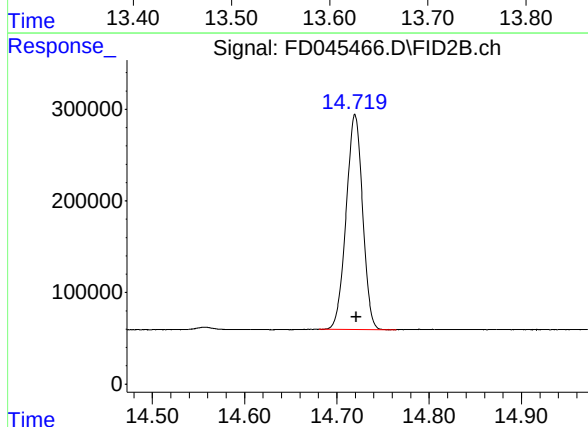
R.T.: 12.872 min
Delta R.T.: -0.003 min
Response: 2426641
Conc: 20.32 ug/ml



#13 n-Docosane (C22)

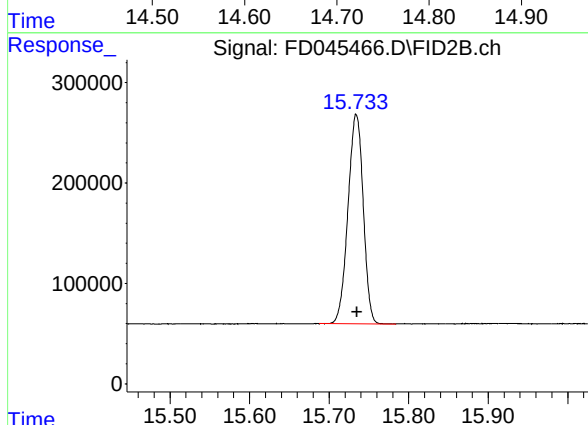
R.T.: 13.624 min
Delta R.T.: -0.003 min
Response: 3018965
Conc: 20.92 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



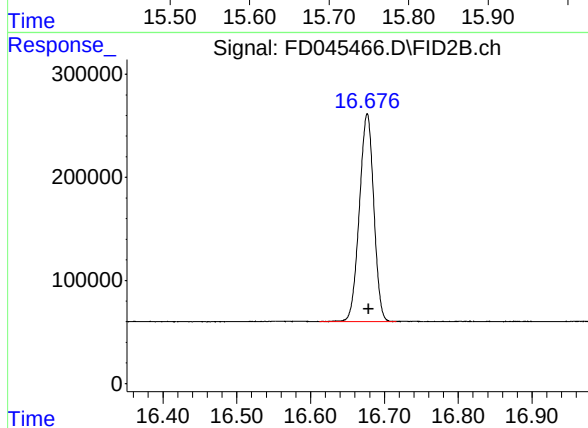
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: -0.001 min
Response: 2908626
Conc: 20.84 ug/ml



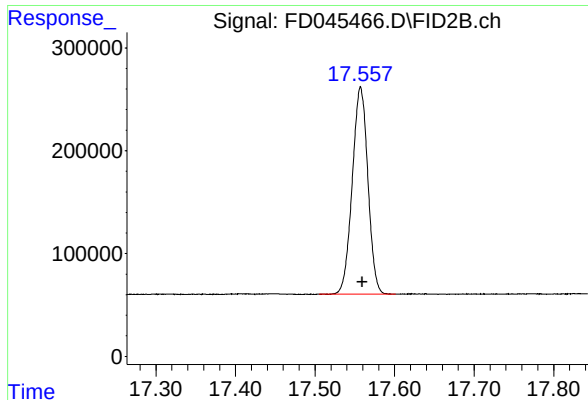
#15 n-Hexacosane (C26)

R.T.: 15.734 min
Delta R.T.: 0.000 min
Response: 2778549
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

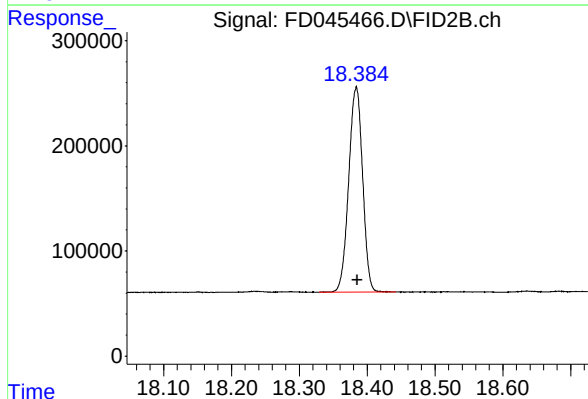
R.T.: 16.677 min
Delta R.T.: -0.002 min
Response: 2728365
Conc: 20.75 ug/ml



#17 n-Tricontane (C30)

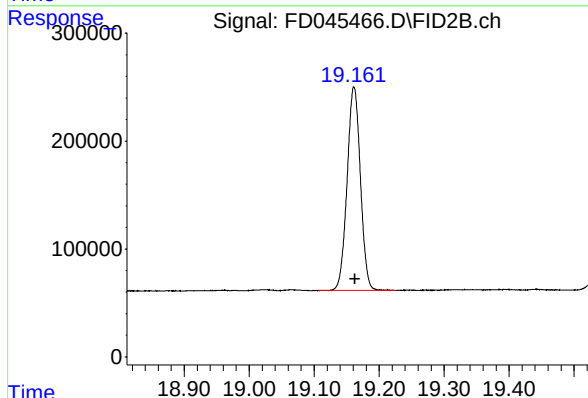
R.T.: 17.557 min
Delta R.T.: -0.002 min
Response: 2747810
Conc: 21.09 ug/ml

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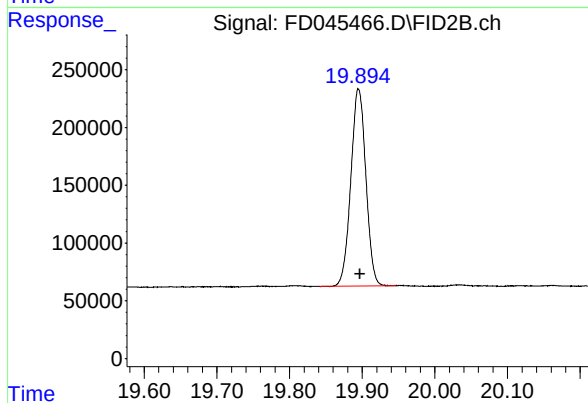
#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: -0.001 min
Response: 2776837
Conc: 21.34 ug/ml



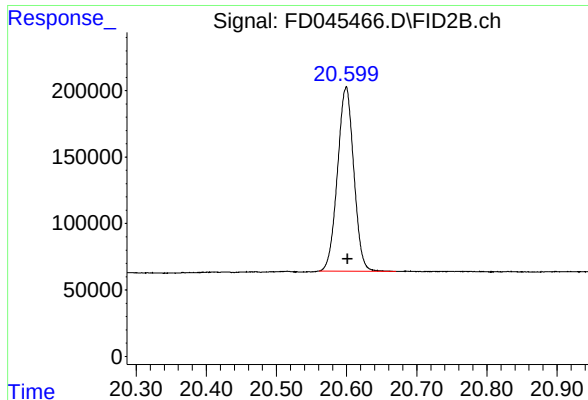
#19 n-Tetatriacontane (C34)

R.T.: 19.161 min
Delta R.T.: -0.001 min
Response: 2688672
Conc: 21.52 ug/ml



#20 n-Hexatriacontane (C36)

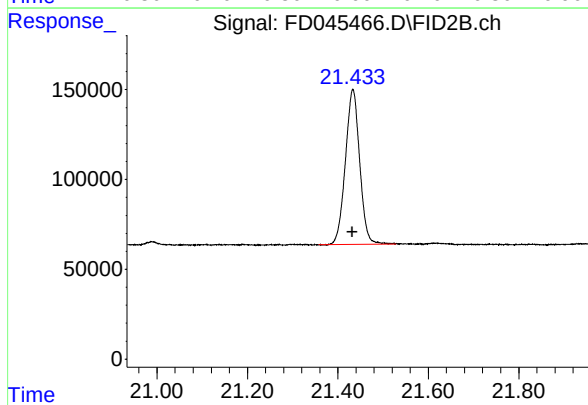
R.T.: 19.895 min
Delta R.T.: -0.002 min
Response: 2453732
Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.599 min
Delta R.T.: -0.002 min
Response: 2238543
Conc: 20.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.433 min
Delta R.T.: 0.001 min
Response: 1887910
Conc: 17.60 ug/ml