

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030322AL\
 Data File : FD041372.D
 Signal(s) : FID2B.CH
 Acq On : 03 Mar 2022 13:57
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Mar 04 02:07:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.243	3200186	18.449 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
12) S 1-chlorooctadecane (S...	12.683	2550600	18.840 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
Target Compounds			
1) T n-Nonane (C9)	3.109	2742240	18.832 ug/ml
2) T n-Decane (C10)	4.153	2782222	19.268 ug/ml
3) T A~Naphthalene (C11.7)	5.703	2992972	18.736 ug/ml
4) T n-Dodecane (C12)	6.150	2812921	18.993 ug/ml
5) T A~2-methylnaphthalene...	6.749	3007931	18.796 ug/ml
6) T n-Tetradecane (C14)	7.926	2842755	18.989 ug/ml
7) T n-Hexadecane (C16)	9.514	2876129	18.893 ug/ml
8) T n-Octadecane (C18)	10.946	2899167	18.653 ug/ml
10) T n-Eicosane (C20)	12.246	2903876	18.705 ug/ml
11) T n-Heneicosane (C21)	12.854	2870715	18.333 ug/ml
13) T n-Docosane (C22)	13.436	2939334	18.768 ug/ml
14) T n-Tetracosane (C24)	14.533	2983762	19.023 ug/ml
15) T n-Hexacosane (C26)	15.548	2956822	19.245 ug/ml
16) T n-Octacosane (C28)	16.492	2984253	20.052 ug/ml
17) T n-Tricontane (C30)	17.375	3029969	21.534 ug/ml
18) T n-Dotriacontane (C32)	18.204	2915975	22.920 ug/ml
19) T n-Tetratriacontane (C34)	18.982	2563354	22.506 ug/ml
20) T n-Hexatriacontane (C36)	19.718	2317664	22.613 ug/ml
21) T n-Octatriacontane (C38)	20.416	2131014	22.445 ug/ml
22) T n-Tetracontane (C40)	21.202	2065673	21.796 ug/ml

(f)=RT Delta > 1/2 Window

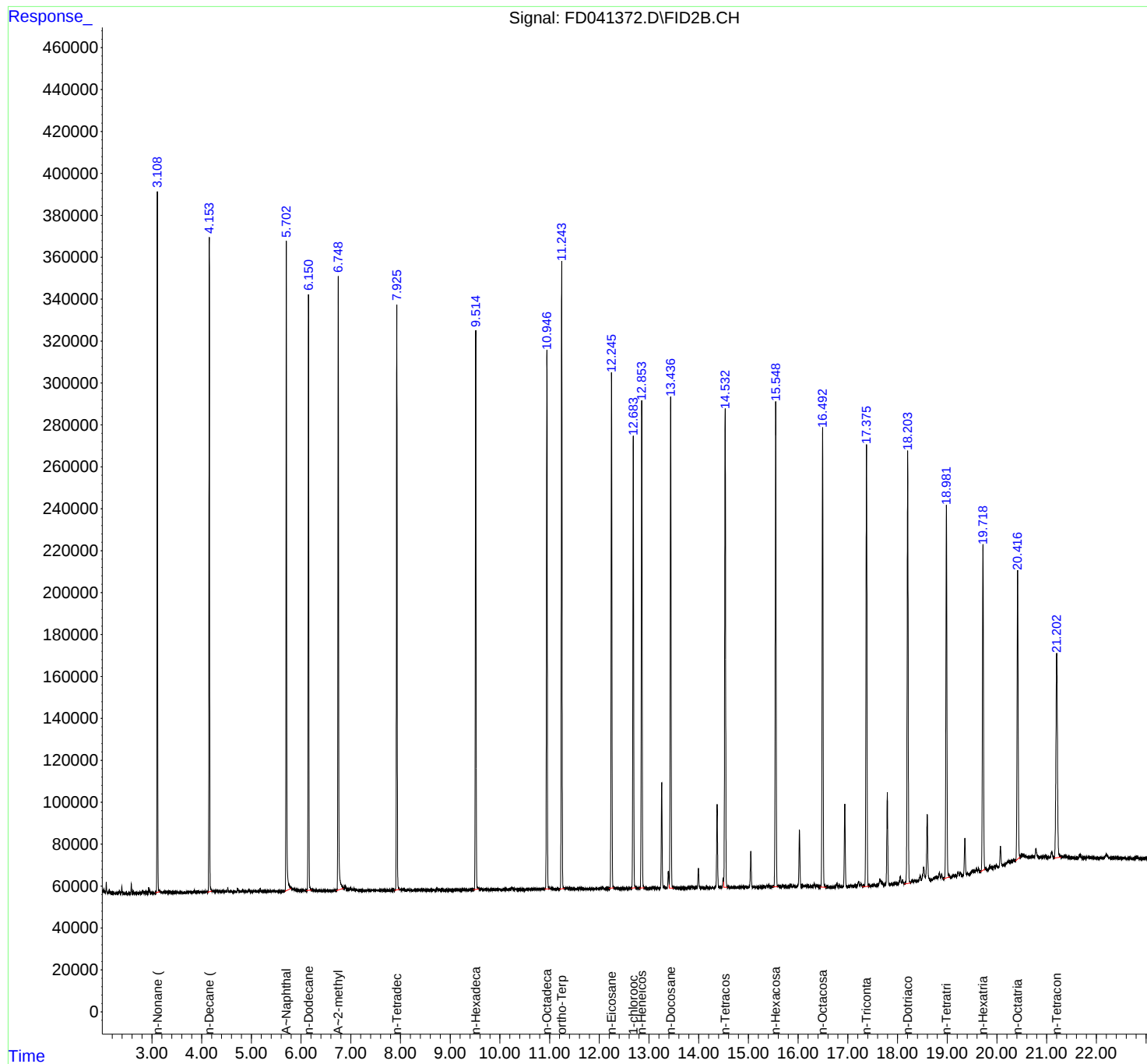
(m)=manual int.

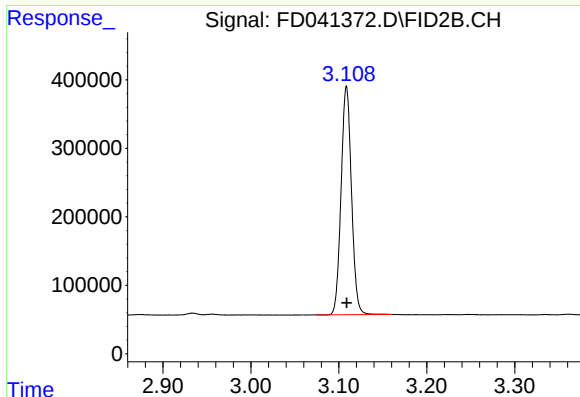
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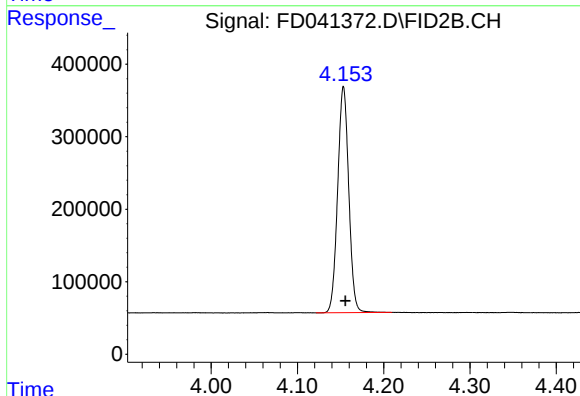




#1 n-Nonane (C9)

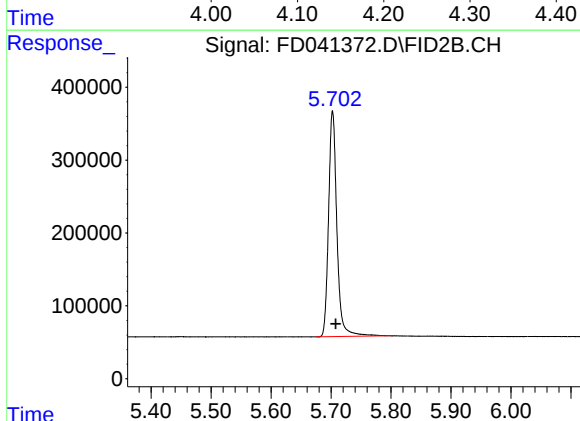
R.T.: 3.109 min
Delta R.T.: 0.000 min
Response: 2742240
Conc: 18.83 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



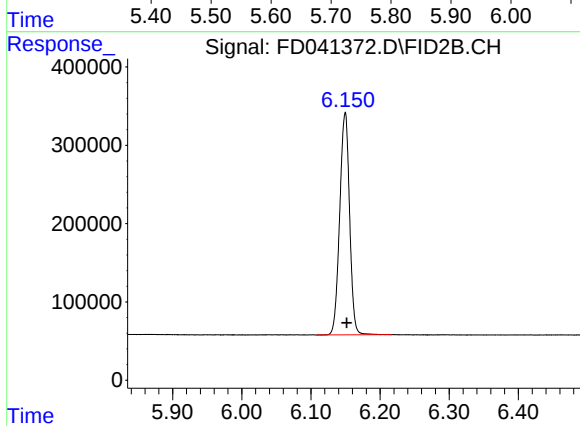
#2 n-Decane (C10)

R.T.: 4.153 min
Delta R.T.: -0.002 min
Response: 2782222
Conc: 19.27 ug/ml



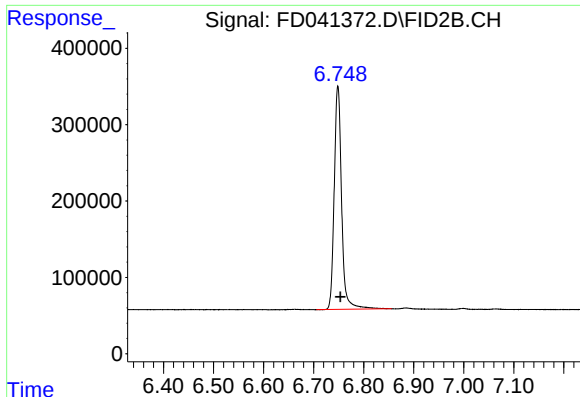
#3 A~Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 2992972
Conc: 18.74 ug/ml



#4 n-Dodecane (C12)

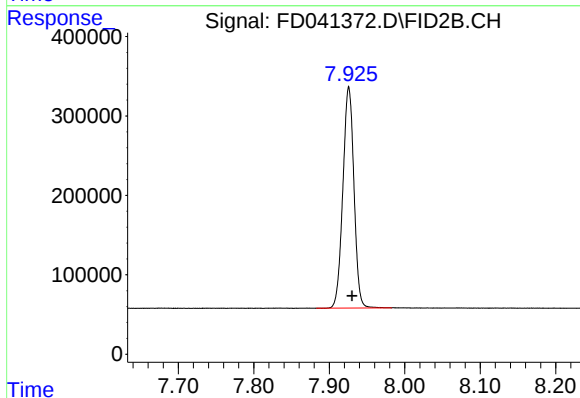
R.T.: 6.150 min
Delta R.T.: -0.002 min
Response: 2812921
Conc: 18.99 ug/ml



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

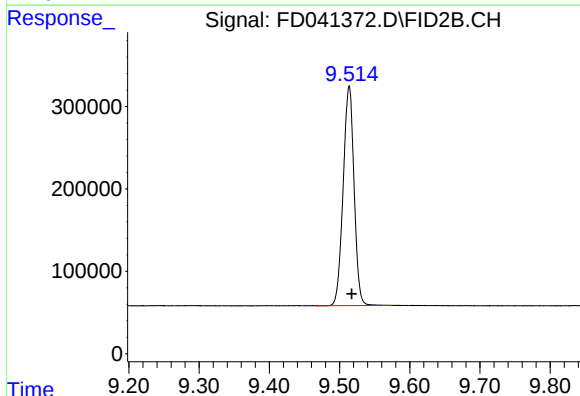
R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 3007931
Conc: 18.80 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



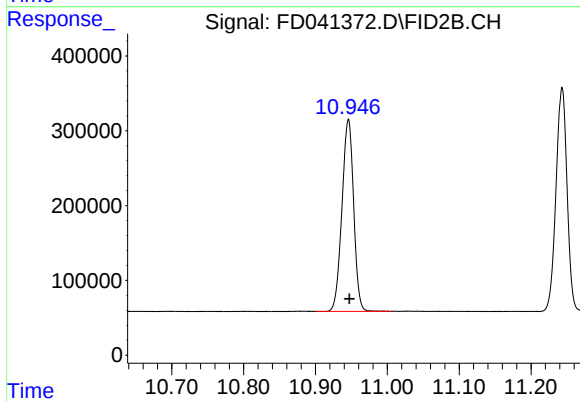
#6 n-Tetradecane (C14)

R.T.: 7.926 min
Delta R.T.: -0.004 min
Response: 2842755
Conc: 18.99 ug/ml



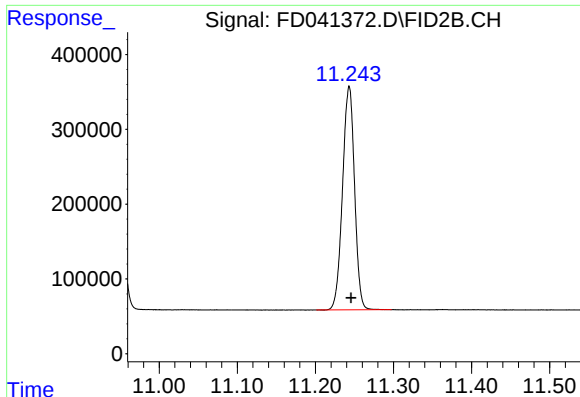
#7 n-Hexadecane (C16)

R.T.: 9.514 min
Delta R.T.: -0.003 min
Response: 2876129
Conc: 18.89 ug/ml



#8 n-Octadecane (C18)

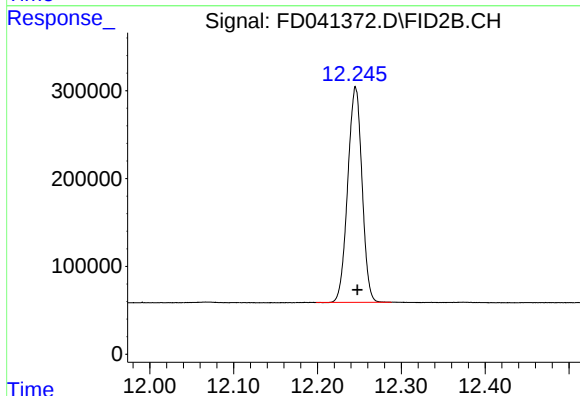
R.T.: 10.946 min
Delta R.T.: -0.002 min
Response: 2899167
Conc: 18.65 ug/ml



#9 ortho-Terphenyl (SURR)

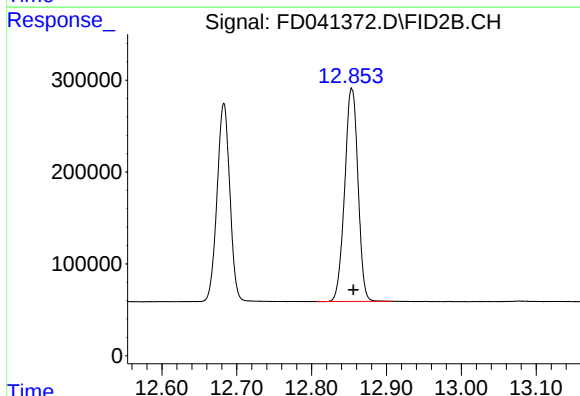
R.T.: 11.243 min
Delta R.T.: -0.002 min
Response: 3200186
Conc: 18.45 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



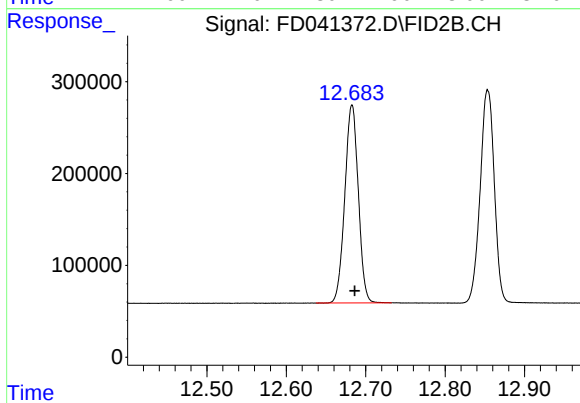
#10 n-Eicosane (C20)

R.T.: 12.246 min
Delta R.T.: -0.002 min
Response: 2903876
Conc: 18.71 ug/ml



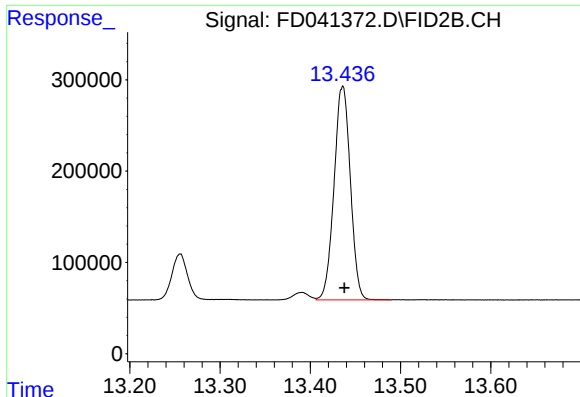
#11 n-Heneicosane (C21)

R.T.: 12.854 min
Delta R.T.: -0.002 min
Response: 2870715
Conc: 18.33 ug/ml



#12 1-chlorooctadecane (SURR)

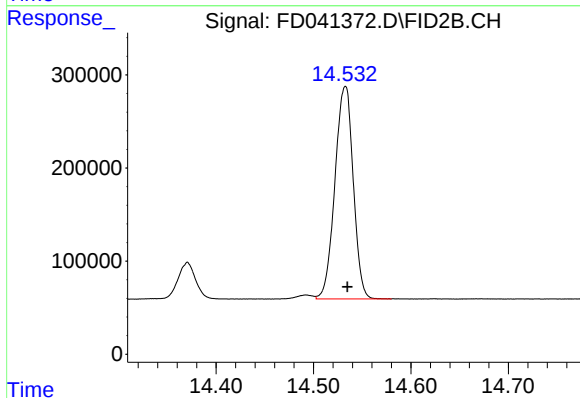
R.T.: 12.683 min
Delta R.T.: -0.003 min
Response: 2550600
Conc: 18.84 ug/ml



#13 n-Docosane (C22)

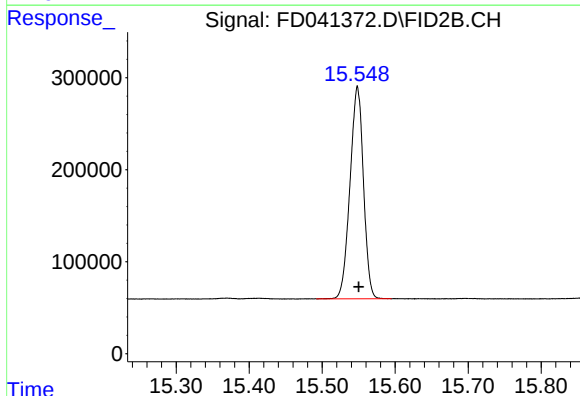
R.T.: 13.436 min
Delta R.T.: -0.002 min
Response: 2939334
Conc: 18.77 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



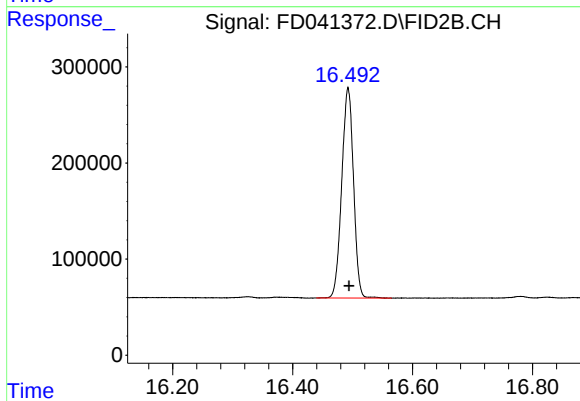
#14 n-Tetracosane (C24)

R.T.: 14.533 min
Delta R.T.: -0.002 min
Response: 2983762
Conc: 19.02 ug/ml



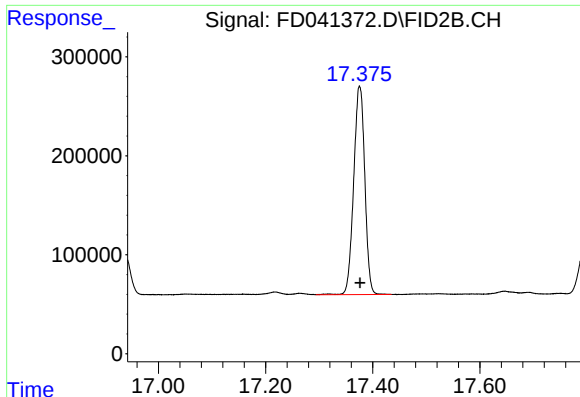
#15 n-Hexacosane (C26)

R.T.: 15.548 min
Delta R.T.: -0.002 min
Response: 2956822
Conc: 19.24 ug/ml



#16 n-Octacosane (C28)

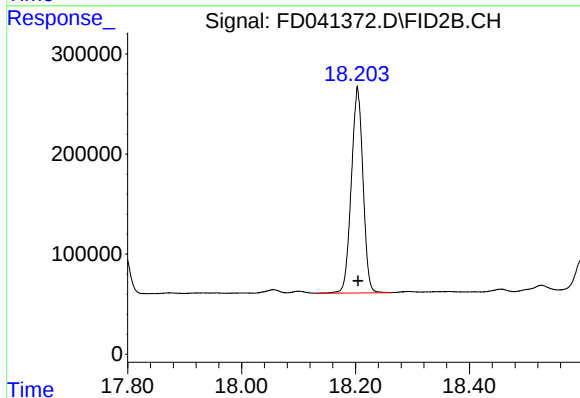
R.T.: 16.492 min
Delta R.T.: -0.002 min
Response: 2984253
Conc: 20.05 ug/ml



#17 n-Tricontane (C30)

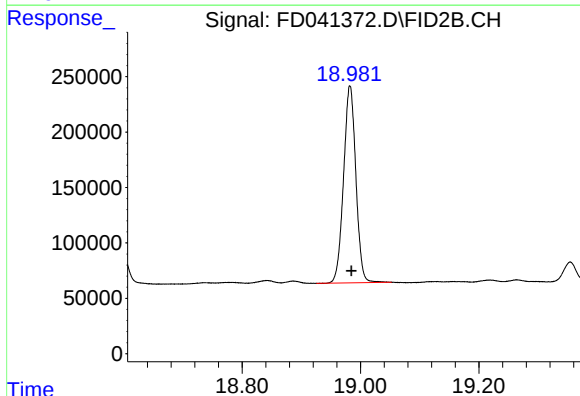
R.T.: 17.375 min
Delta R.T.: 0.000 min
Response: 3029969
Conc: 21.53 ug/ml

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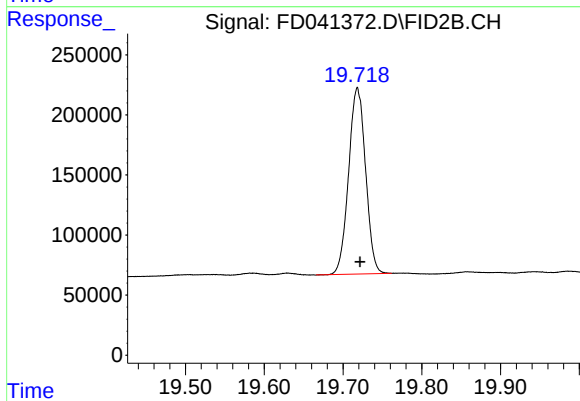
#18 n-Dotriacontane (C32)

R.T.: 18.204 min
Delta R.T.: -0.001 min
Response: 2915975
Conc: 22.92 ug/ml



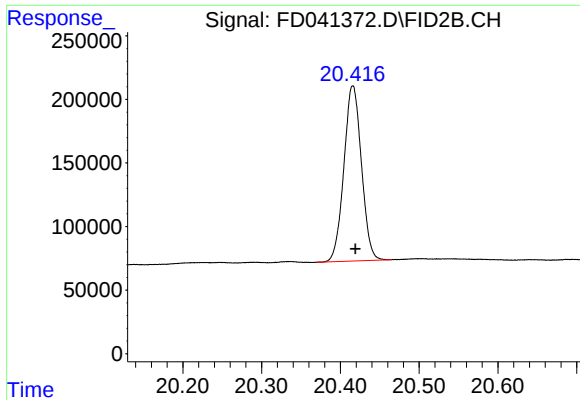
#19 n-Tetratriacontane (C34)

R.T.: 18.982 min
Delta R.T.: -0.003 min
Response: 2563354
Conc: 22.51 ug/ml



#20 n-Hexatriacontane (C36)

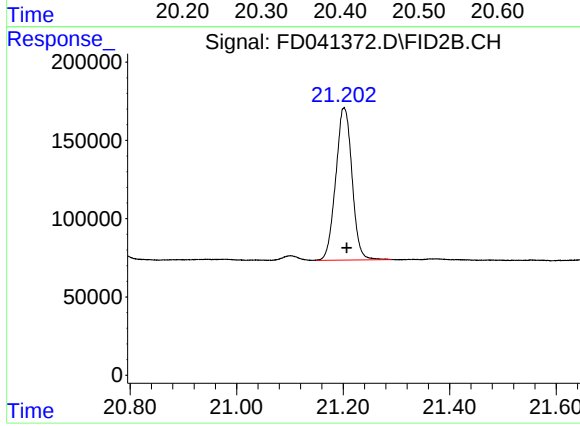
R.T.: 19.718 min
Delta R.T.: -0.003 min
Response: 2317664
Conc: 22.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.416 min
Delta R.T.: -0.003 min
Response: 2131014
Conc: 22.44 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.202 min
Delta R.T.: -0.005 min
Response: 2065673
Conc: 21.80 ug/ml