

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090822AL\
 Data File : FD043841.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2022 20:51
 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: Sep 09 09:05:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 17:10:44 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)	11.322	3615404	21.140 ug/ml
Spiked Amount 50.000		Recovery =	42.28%
12) S 1-chlorooctadecane (S...	12.739	2851216	21.428 ug/ml
Spiked Amount 50.000		Recovery =	42.86%
Target Compounds			
1) T n-Nonane (C9)	3.153	3038834	21.101 ug/ml
2) T n-Decane (C10)	4.203	3077703	21.225 ug/ml
3) T A~Naphthalene (C11.7)	5.777	3003262	21.228 ug/ml
4) T n-Dodecane (C12)	6.200	3164150	21.151 ug/ml
5) T A~2-methylnaphthalene...	6.823	2910241	21.087 ug/ml
6) T n-Tetradecane (C14)	7.981	3185844	21.109 ug/ml
7) T n-Hexadecane (C16)	9.569	3249822	21.247 ug/ml
8) T n-Octadecane (C18)	10.998	3344538	21.212 ug/ml
10) T n-Eicosane (C20)	12.297	3398073	21.236 ug/ml
11) T n-Heneicosane (C21)	12.904	3417209	21.183 ug/ml
13) T n-Docosane (C22)	13.485	3467169	21.563 ug/ml
14) T n-Tetracosane (C24)	14.577	3484387	21.987 ug/ml
15) T n-Hexacosane (C26)	15.588	3461688	22.226 ug/ml
16) T n-Octacosane (C28)	16.527	3376923	22.303 ug/ml
17) T n-Tricontane (C30)	17.405	3325063	22.316 ug/ml
18) T n-Dotriacontane (C32)	18.227	3161589	22.148 ug/ml
19) T n-Tetratriacontane (C34)	19.002	2856522	21.856 ug/ml
20) T n-Hexatriacontane (C36)	19.732	2681416	21.665 ug/ml
21) T n-Octatriacontane (C38)	20.425	2520975	21.579 ug/ml
22) T n-Tetracontane (C40)	21.190	2401569	21.729 ug/ml

(f)=RT Delta > 1/2 Window

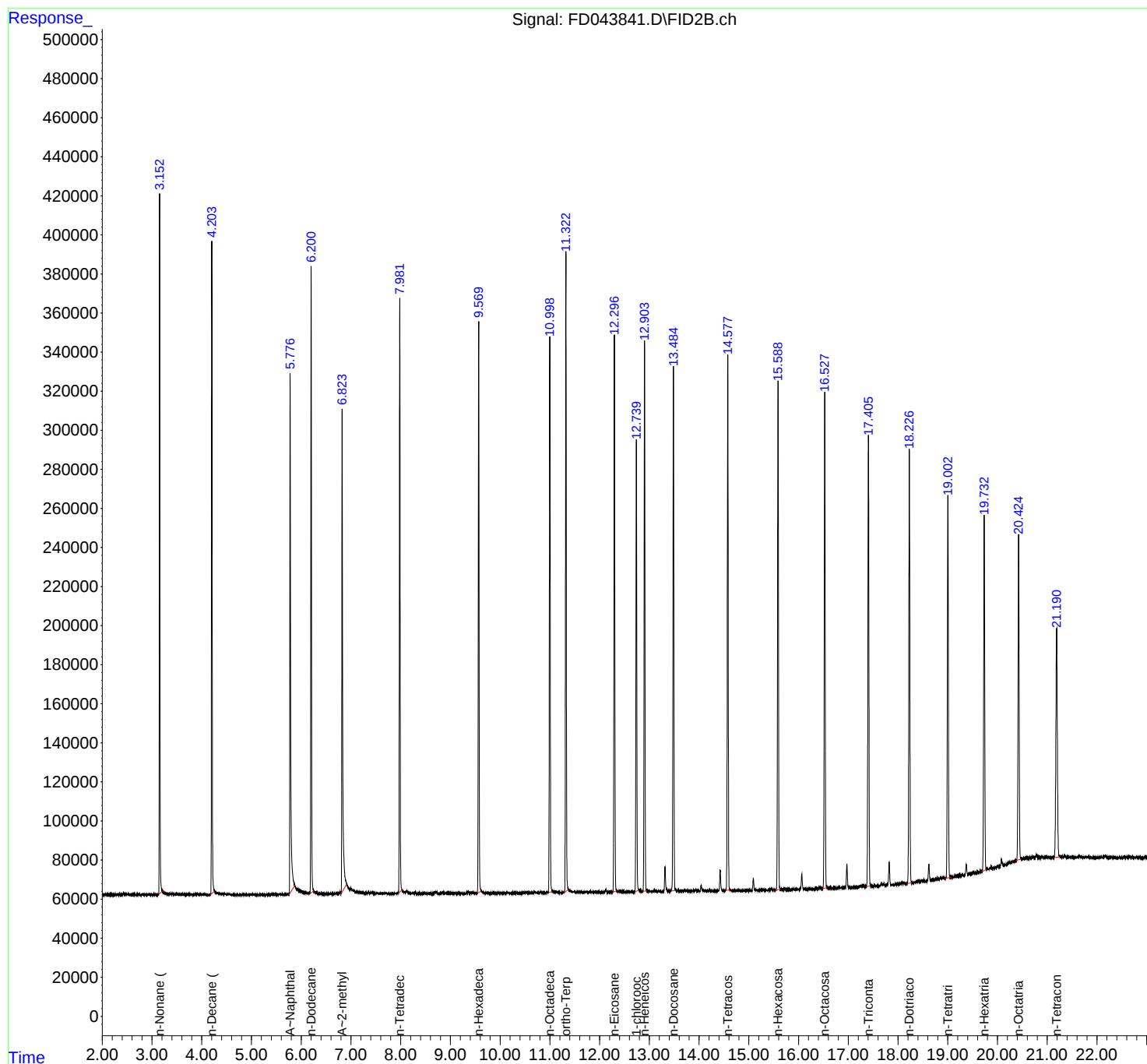
(m)=manual int.

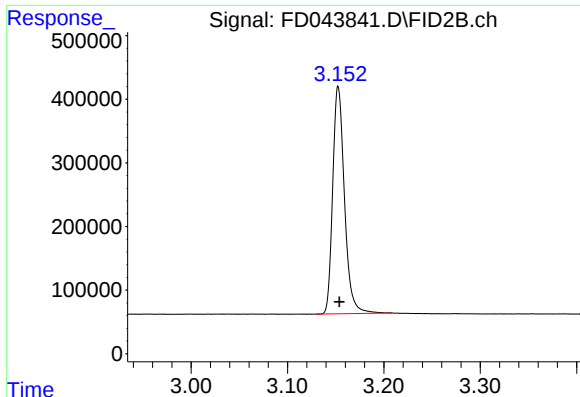
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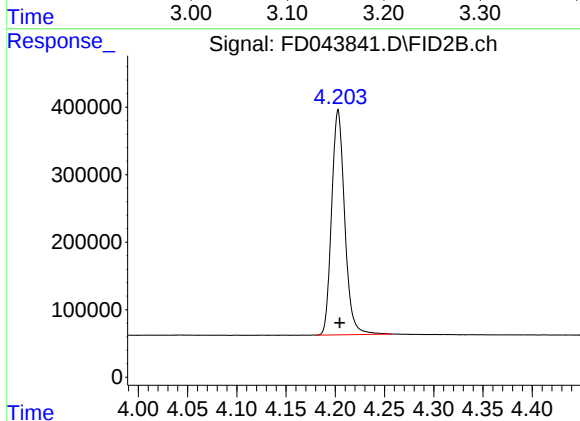




#1 n-Nonane (C9)

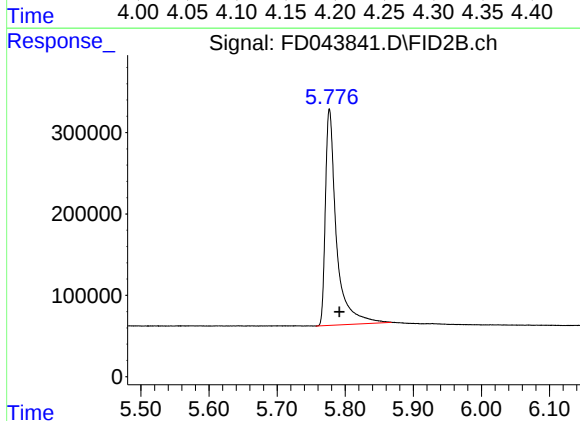
R.T.: 3.153 min
Delta R.T.: -0.001 min
Response: 3038834
Conc: 21.10 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



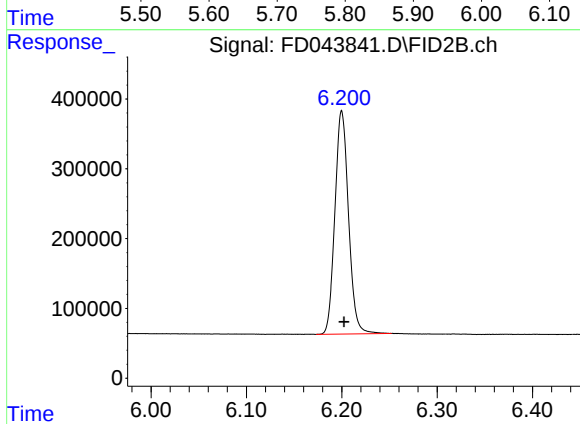
#2 n-Decane (C10)

R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 3077703
Conc: 21.22 ug/ml



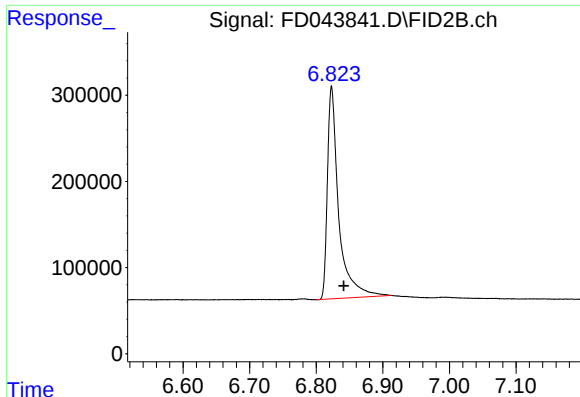
#3 A~Naphthalene (C11.7)

R.T.: 5.777 min
Delta R.T.: -0.015 min
Response: 3003262
Conc: 21.23 ug/ml



#4 n-Dodecane (C12)

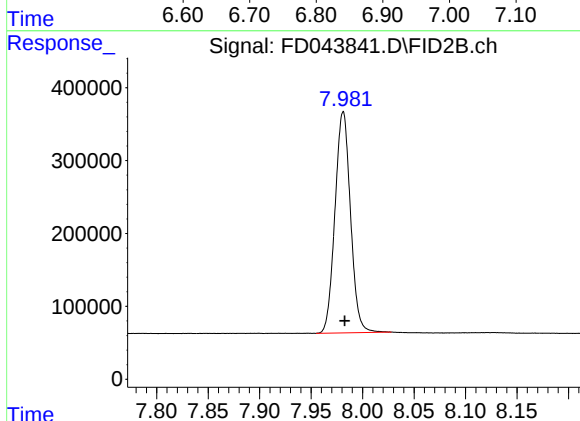
R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 3164150
Conc: 21.15 ug/ml



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

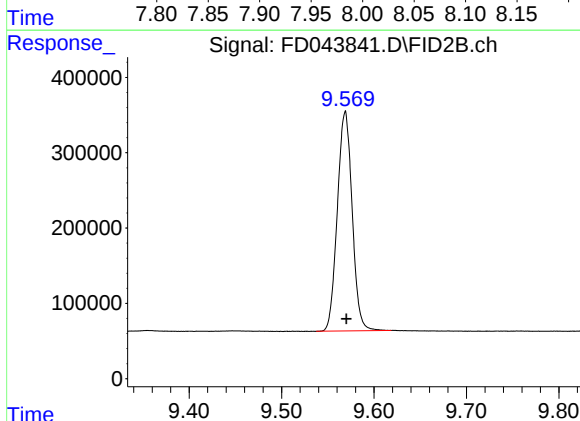
R.T.: 6.823 min
Delta R.T.: -0.018 min
Response: 2910241
Conc: 21.09 ug/ml

Instrument :
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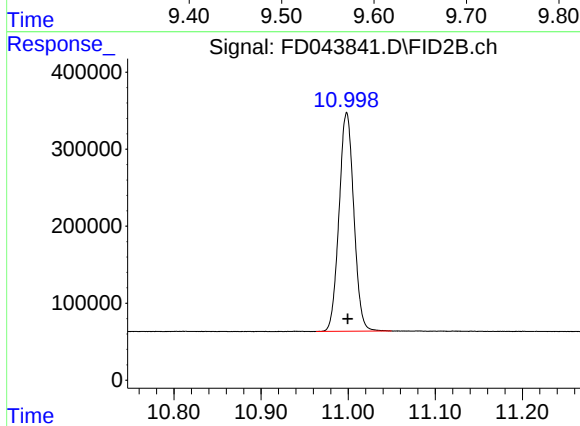
#6 n-Tetradecane (C14)

R.T.: 7.981 min
Delta R.T.: -0.001 min
Response: 3185844
Conc: 21.11 ug/ml



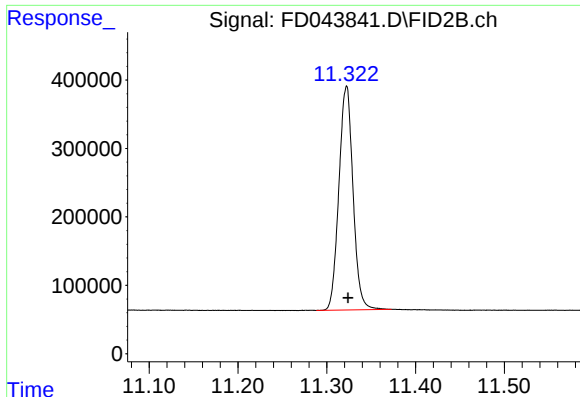
#7 n-Hexadecane (C16)

R.T.: 9.569 min
Delta R.T.: -0.001 min
Response: 3249822
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

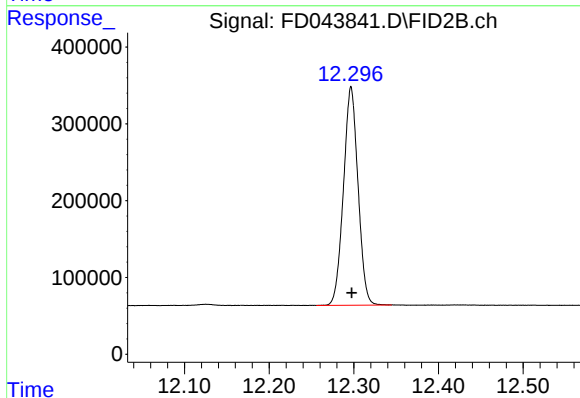
R.T.: 10.998 min
Delta R.T.: -0.001 min
Response: 3344538
Conc: 21.21 ug/ml



#9 ortho-Terphenyl (SURR)

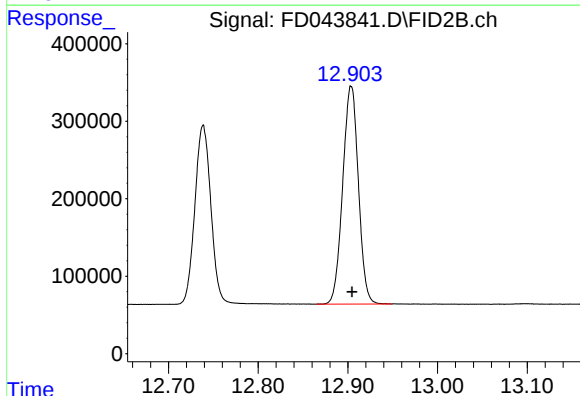
R.T.: 11.322 min
Delta R.T.: -0.002 min
Response: 3615404
Conc: 21.14 ug/ml

Instrument :
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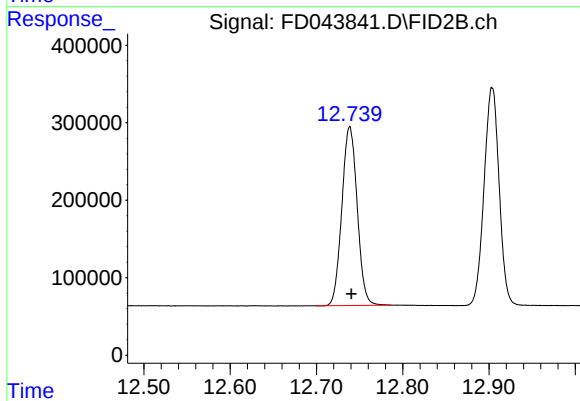
#10 n-Eicosane (C20)

R.T.: 12.297 min
Delta R.T.: 0.000 min
Response: 3398073
Conc: 21.24 ug/ml



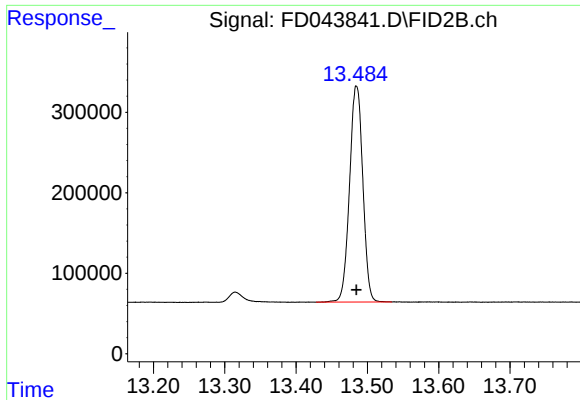
#11 n-Heneicosane (C21)

R.T.: 12.904 min
Delta R.T.: -0.001 min
Response: 3417209
Conc: 21.18 ug/ml



#12 1-chlorooctadecane (SURR)

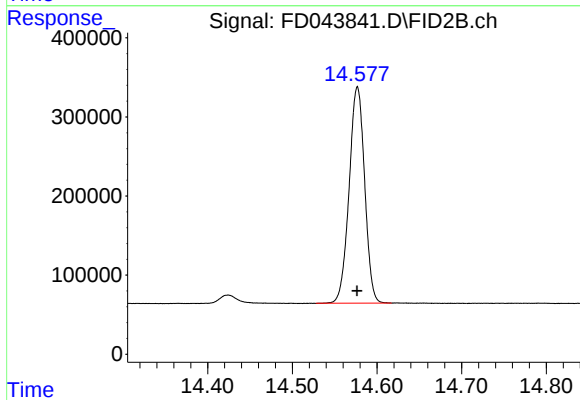
R.T.: 12.739 min
Delta R.T.: -0.002 min
Response: 2851216
Conc: 21.43 ug/ml



#13 n-Docosane (C22)

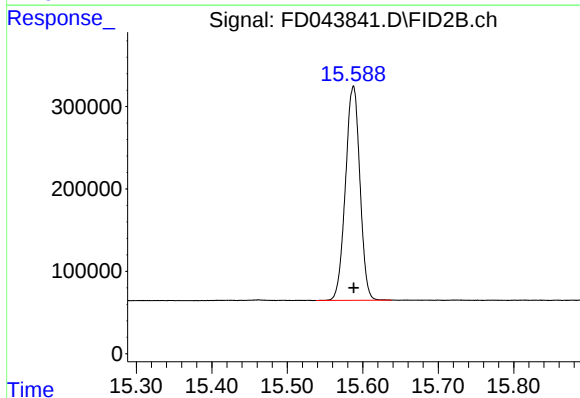
R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 3467169
Conc: 21.56 ug/ml

Instrument :
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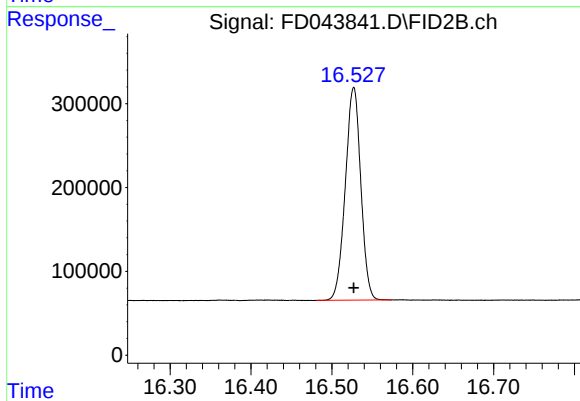
#14 n-Tetracosane (C24)

R.T.: 14.577 min
Delta R.T.: 0.000 min
Response: 3484387
Conc: 21.99 ug/ml



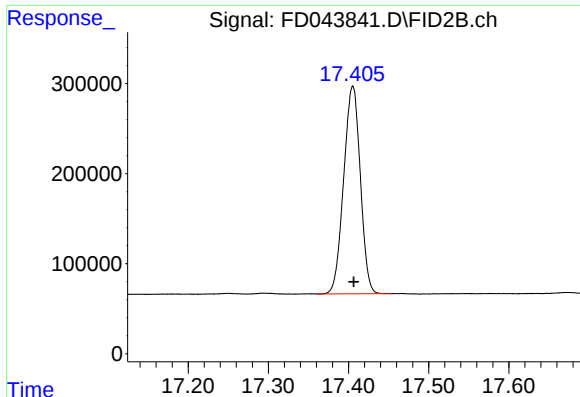
#15 n-Hexacosane (C26)

R.T.: 15.588 min
Delta R.T.: 0.000 min
Response: 3461688
Conc: 22.23 ug/ml



#16 n-Octacosane (C28)

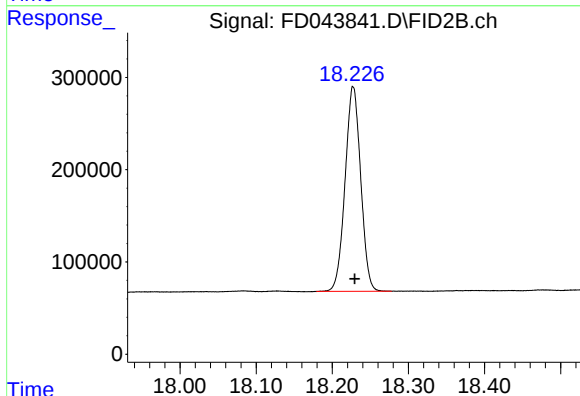
R.T.: 16.527 min
Delta R.T.: 0.000 min
Response: 3376923
Conc: 22.30 ug/ml



#17 n-Tricontane (C30)

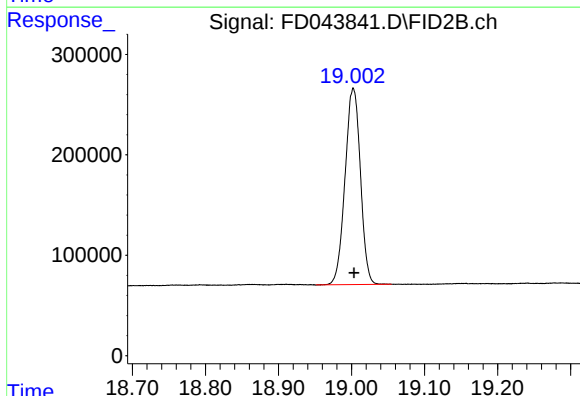
R.T.: 17.405 min
Delta R.T.: -0.001 min
Response: 3325063
Conc: 22.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



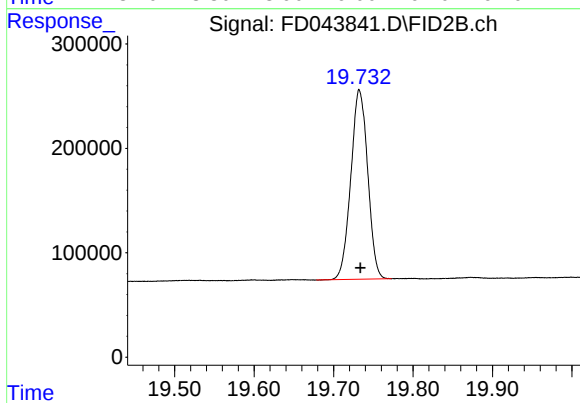
#18 n-Dotriacontane (C32)

R.T.: 18.227 min
Delta R.T.: -0.002 min
Response: 3161589
Conc: 22.15 ug/ml



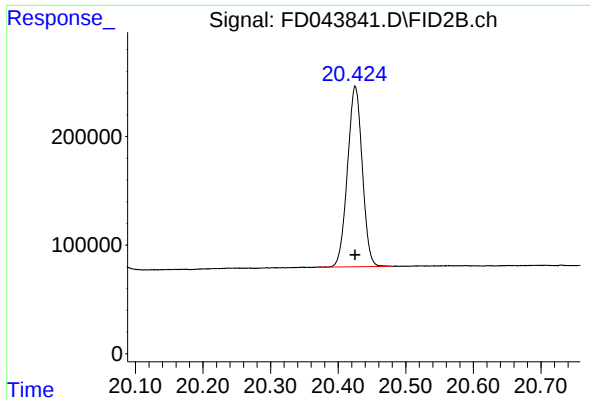
#19 n-Tetratriacontane (C34)

R.T.: 19.002 min
Delta R.T.: -0.001 min
Response: 2856522
Conc: 21.86 ug/ml



#20 n-Hexatriacontane (C36)

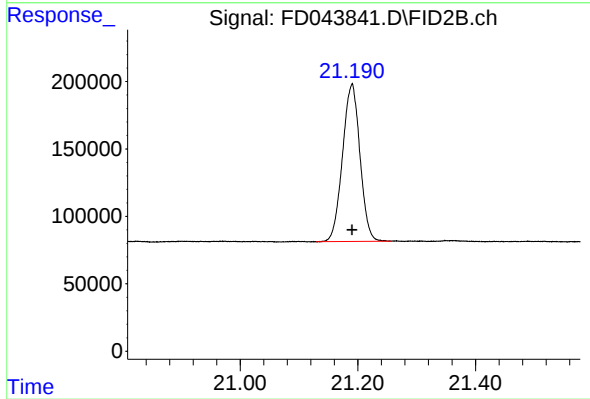
R.T.: 19.732 min
Delta R.T.: -0.001 min
Response: 2681416
Conc: 21.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.425 min
Delta R.T.: 0.000 min
Response: 2520975
Conc: 21.58 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.190 min
Delta R.T.: 0.000 min
Response: 2401569
Conc: 21.73 ug/ml