

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041122AL\
 Data File : FD041934.D
 Signal(s) : FID2B.CH
 Acq On : 11 Apr 2022 14:51
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 12 02:38:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 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)	11.217	3798796	21.422 ug/ml
Spiked Amount 50.000		Recovery =	42.84%
12) S 1-chlorooctadecane (S...	12.655	2967857	21.433 ug/ml
Spiked Amount 50.000		Recovery =	42.87%
Target Compounds			
1) T n-Nonane (C9)	3.086	3423504	23.273 ug/ml
2) T n-Decane (C10)	4.131	3405571	23.322 ug/ml
3) T A~Naphthalene (C11.7)	5.680	3631215	23.247 ug/ml
4) T n-Dodecane (C12)	6.125	3524518	23.398 ug/ml
5) T A~2-methylnaphthalene...	6.726	3625943	23.310 ug/ml
6) T n-Tetradecane (C14)	7.902	3538315	23.229 ug/ml
7) T n-Hexadecane (C16)	9.488	3559361	23.084 ug/ml
8) T n-Octadecane (C18)	10.919	3562665	22.613 ug/ml
10) T n-Eicosane (C20)	12.217	3478333	21.988 ug/ml
11) T n-Heneicosane (C21)	12.825	3449570	21.542 ug/ml
13) T n-Docosane (C22)	13.407	3388485	21.098 ug/ml
14) T n-Tetracosane (C24)	14.503	3269768	20.228 ug/ml
15) T n-Hexacosane (C26)	15.517	3105184	19.226 ug/ml
16) T n-Octacosane (C28)	16.461	2985644	18.548 ug/ml
17) T n-Tricontane (C30)	17.343	2881754	18.286 ug/ml
18) T n-Dotriacontane (C32)	18.171	2735579	18.435 ug/ml
19) T n-Tetratriacontane (C34)	18.950	2588648	19.320 ug/ml
20) T n-Hexatriacontane (C36)	19.686	2440517	20.381 ug/ml
21) T n-Octatriacontane (C38)	20.382	2347794	21.213 ug/ml
22) T n-Tetracontane (C40)	21.158	2337947	21.715 ug/ml

(f)=RT Delta > 1/2 Window

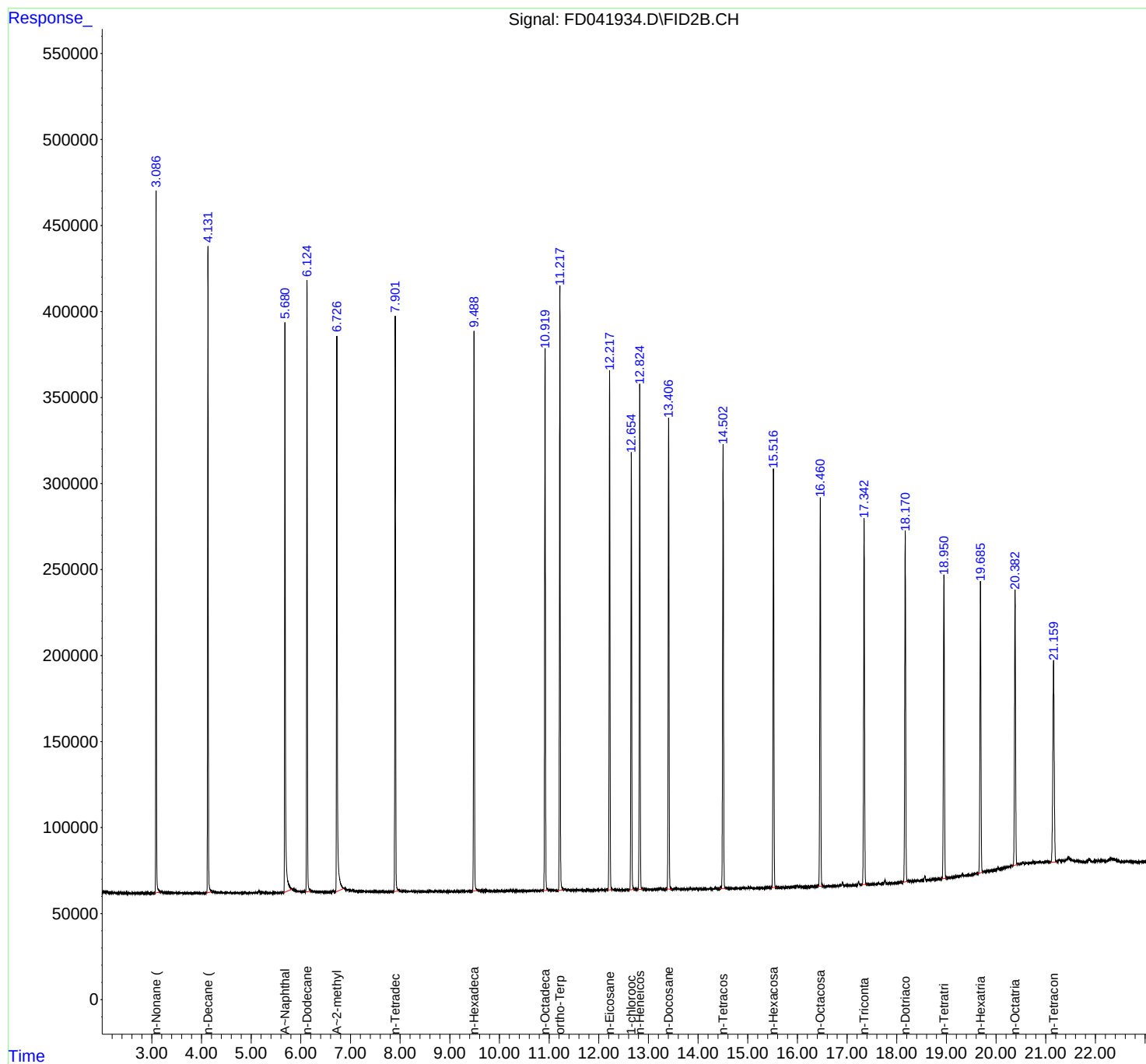
(m)=manual int.

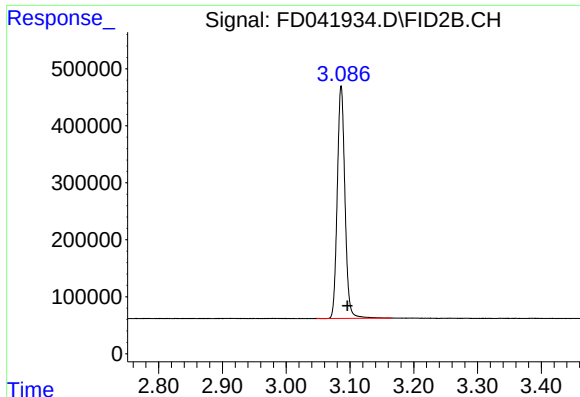
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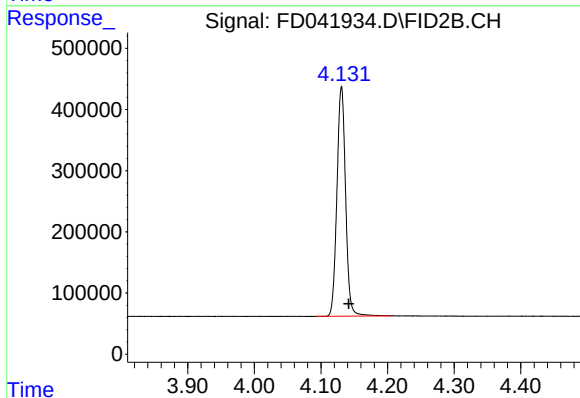




#1 n-Nonane (C9)

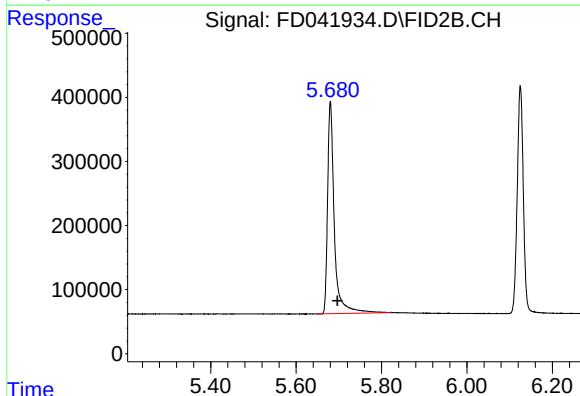
R.T.: 3.086 min
Delta R.T.: -0.010 min
Response: 3423504
Conc: 23.27 ug/ml

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20 PPM ALIPHATIC HC STD



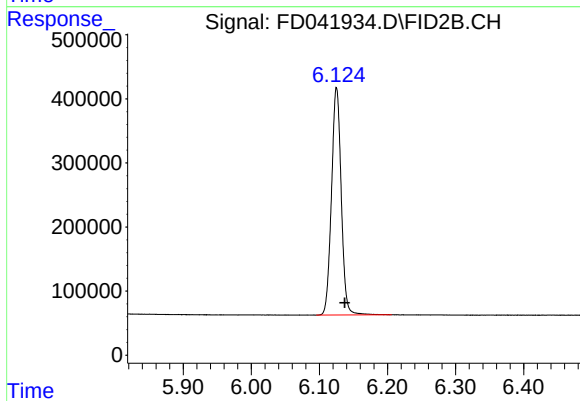
#2 n-Decane (C10)

R.T.: 4.131 min
Delta R.T.: -0.011 min
Response: 3405571
Conc: 23.32 ug/ml



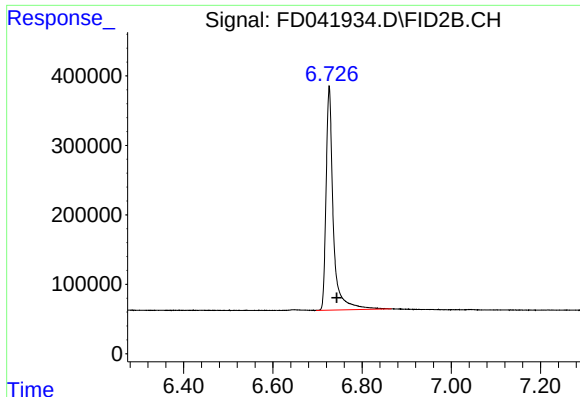
#3 A~Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.016 min
Response: 3631215
Conc: 23.25 ug/ml



#4 n-Dodecane (C12)

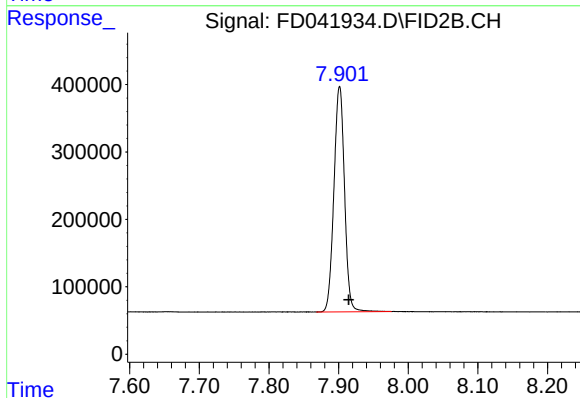
R.T.: 6.125 min
Delta R.T.: -0.012 min
Response: 3524518
Conc: 23.40 ug/ml



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

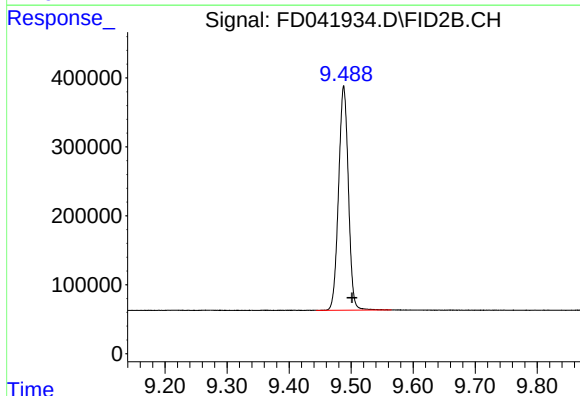
R.T.: 6.726 min
Delta R.T.: -0.017 min
Response: 3625943
Conc: 23.31 ug/ml

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20 PPM ALIPHATIC HC STD



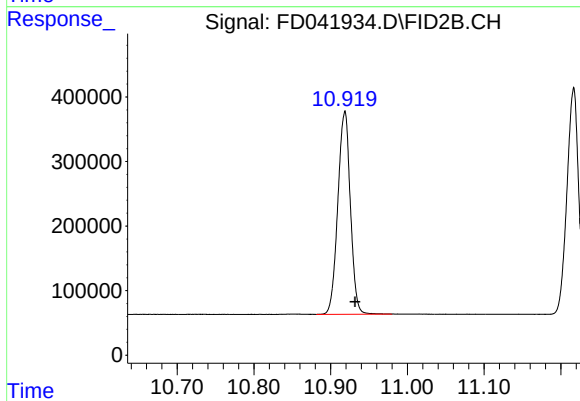
#6 n-Tetradecane (C14)

R.T.: 7.902 min
Delta R.T.: -0.013 min
Response: 3538315
Conc: 23.23 ug/ml



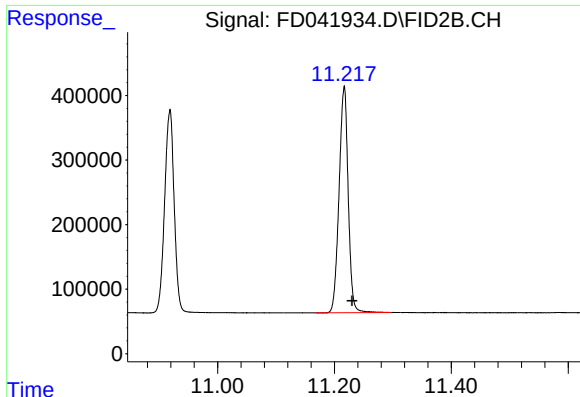
#7 n-Hexadecane (C16)

R.T.: 9.488 min
Delta R.T.: -0.013 min
Response: 3559361
Conc: 23.08 ug/ml



#8 n-Octadecane (C18)

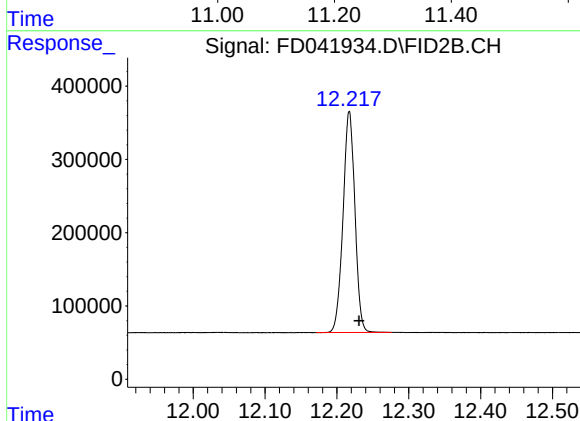
R.T.: 10.919 min
Delta R.T.: -0.013 min
Response: 3562665
Conc: 22.61 ug/ml



#9 ortho-Terphenyl (SURR)

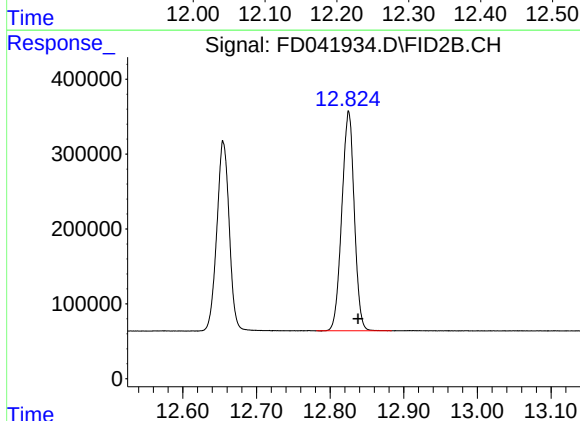
R.T.: 11.217 min
Delta R.T.: -0.013 min
Response: 3798796
Conc: 21.42 ug/ml

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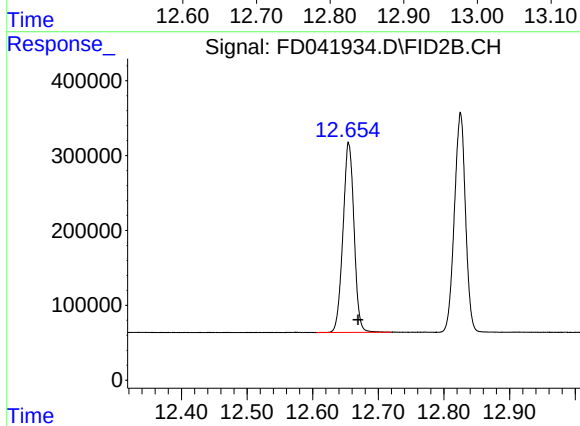
#10 n-Eicosane (C20)

R.T.: 12.217 min
Delta R.T.: -0.014 min
Response: 3478333
Conc: 21.99 ug/ml



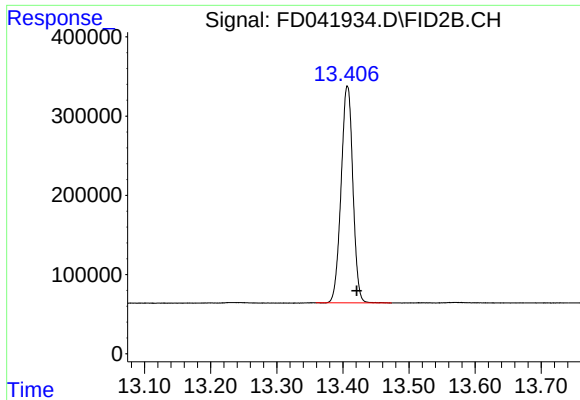
#11 n-Heneicosane (C21)

R.T.: 12.825 min
Delta R.T.: -0.013 min
Response: 3449570
Conc: 21.54 ug/ml



#12 1-chlorooctadecane (SURR)

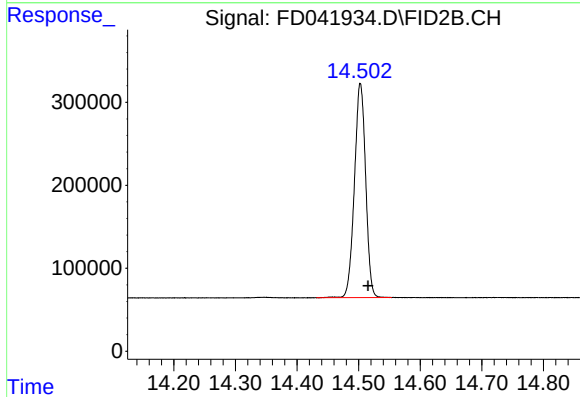
R.T.: 12.655 min
Delta R.T.: -0.014 min
Response: 2967857
Conc: 21.43 ug/ml



#13 n-Docosane (C22)

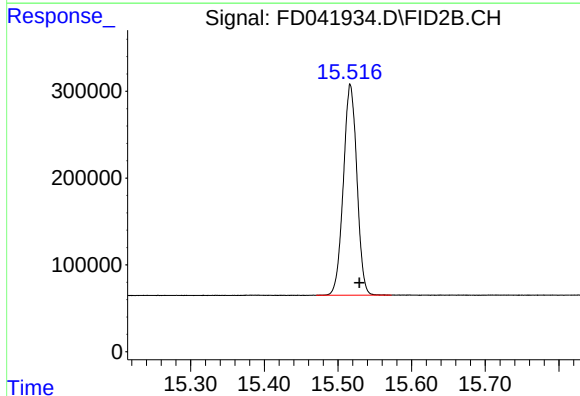
R.T.: 13.407 min
Delta R.T.: -0.014 min
Response: 3388485
Conc: 21.10 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



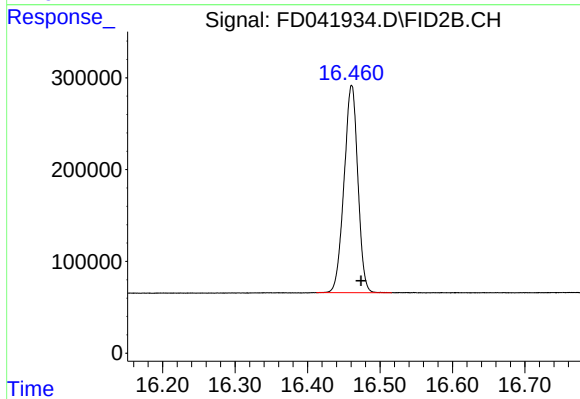
#14 n-Tetracosane (C24)

R.T.: 14.503 min
Delta R.T.: -0.013 min
Response: 3269768
Conc: 20.23 ug/ml



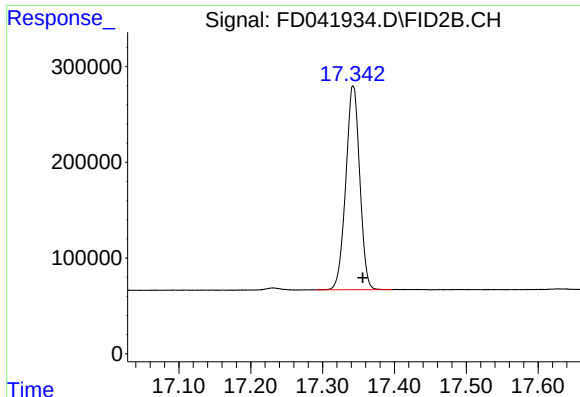
#15 n-Hexacosane (C26)

R.T.: 15.517 min
Delta R.T.: -0.013 min
Response: 3105184
Conc: 19.23 ug/ml



#16 n-Octacosane (C28)

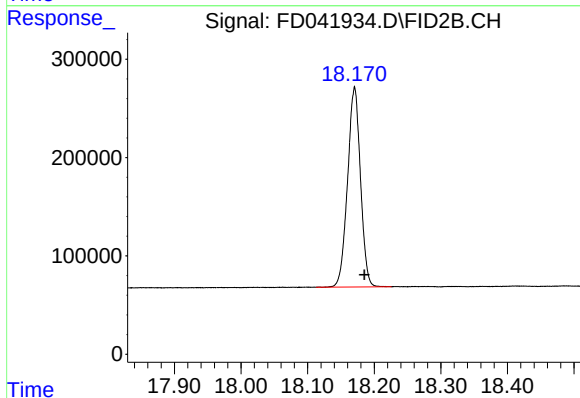
R.T.: 16.461 min
Delta R.T.: -0.013 min
Response: 2985644
Conc: 18.55 ug/ml



#17 n-Tricontane (C30)

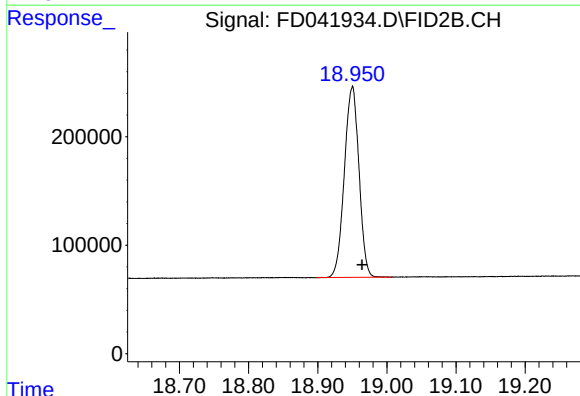
R.T.: 17.343 min
Delta R.T.: -0.013 min
Response: 2881754
Conc: 18.29 ug/ml

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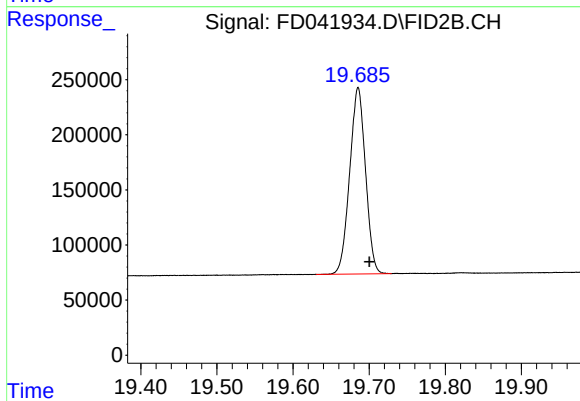
#18 n-Dotriacontane (C32)

R.T.: 18.171 min
Delta R.T.: -0.015 min
Response: 2735579
Conc: 18.43 ug/ml



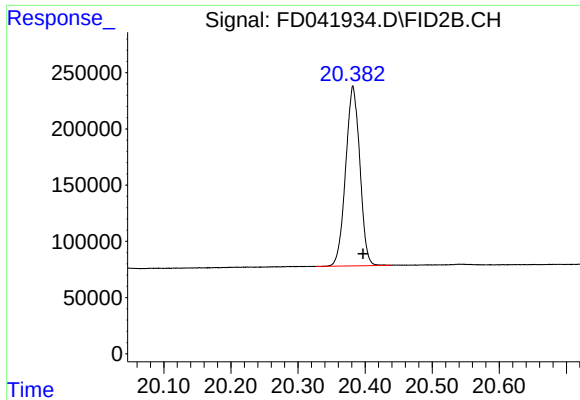
#19 n-Tetratriacontane (C34)

R.T.: 18.950 min
Delta R.T.: -0.014 min
Response: 2588648
Conc: 19.32 ug/ml



#20 n-Hexatriacontane (C36)

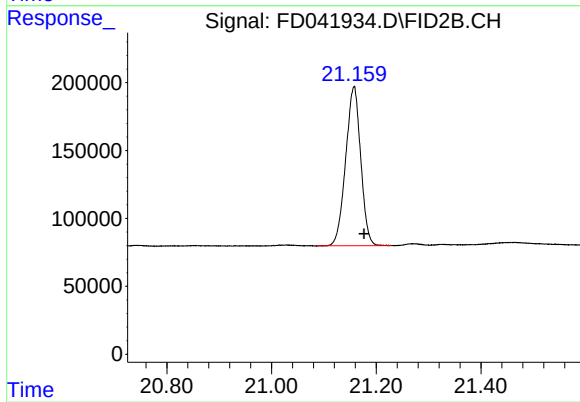
R.T.: 19.686 min
Delta R.T.: -0.015 min
Response: 2440517
Conc: 20.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.382 min
Delta R.T.: -0.015 min
Response: 2347794
Conc: 21.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.158 min
Delta R.T.: -0.019 min
Response: 2337947
Conc: 21.72 ug/ml