

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052822AL\
 Data File : FD042672.D
 Signal(s) : FID2B.CH
 Acq On : 28 May 2022 9:46
 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: sample.E
 Quant Time: May 30 00:58:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 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)	11.581	3356858	20.212 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
12) S 1-chlorooctadecane (S...	13.015	2646747	20.266 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
Target Compounds			
1) T n-Nonane (C9)	3.349	2810966	20.291 ug/ml
2) T n-Decane (C10)	4.417	2795547	20.245 ug/ml
3) T A~Naphthalene (C11.7)	5.999	3186269	20.255 ug/ml
4) T n-Dodecane (C12)	6.434	2863321	20.206 ug/ml
5) T A~2-methylnaphthalene...	7.054	3240667	20.241 ug/ml
6) T n-Tetradecane (C14)	8.226	2906428	20.181 ug/ml
7) T n-Hexadecane (C16)	9.825	2974466	20.165 ug/ml
8) T n-Octadecane (C18)	11.264	3040632	20.201 ug/ml
10) T n-Eicosane (C20)	12.571	3047026	20.262 ug/ml
11) T n-Heneicosane (C21)	13.183	3065575	20.250 ug/ml
13) T n-Docosane (C22)	13.768	3068489	20.299 ug/ml
14) T n-Tetracosane (C24)	14.868	3054486	20.353 ug/ml
15) T n-Hexacosane (C26)	15.886	2986495	20.485 ug/ml
16) T n-Octacosane (C28)	16.833	2872521	20.596 ug/ml
17) T n-Tricontane (C30)	17.719	2703630	20.679 ug/ml
18) T n-Dotriacontane (C32)	18.549	2439155	20.658 ug/ml
19) T n-Tetratriacontane (C34)	19.330	2178239	20.491 ug/ml
20) T n-Hexatriacontane (C36)	20.068	1984293	20.294 ug/ml
21) T n-Octatriacontane (C38)	20.800	1880640	20.618 ug/ml
22) T n-Tetracontane (C40)	21.702	1731260	21.365 ug/ml

(f)=RT Delta > 1/2 Window

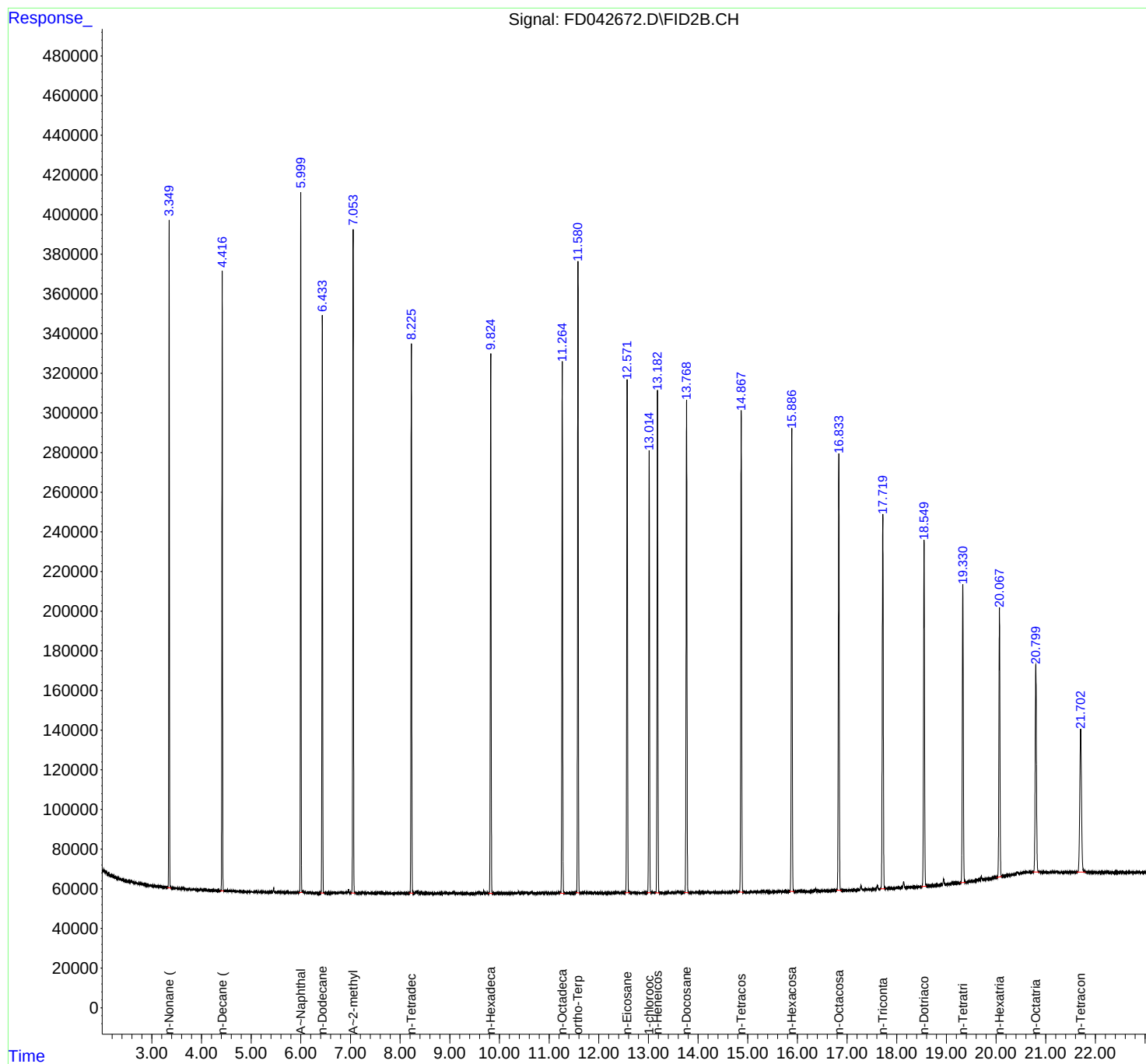
(m)=manual int.

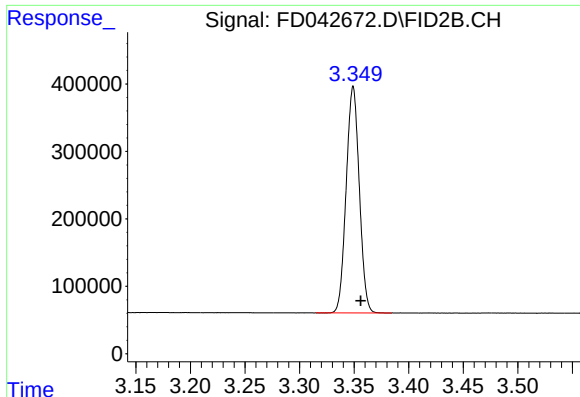
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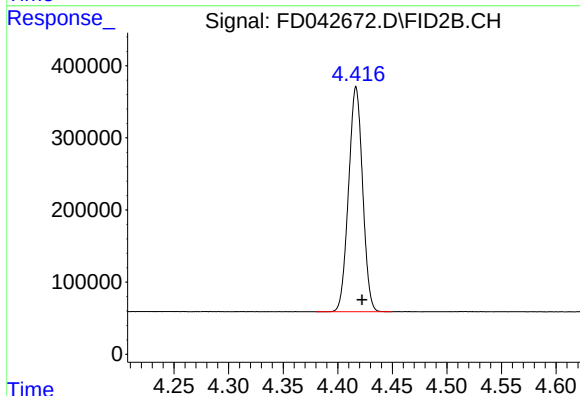




#1 n-Nonane (C9)

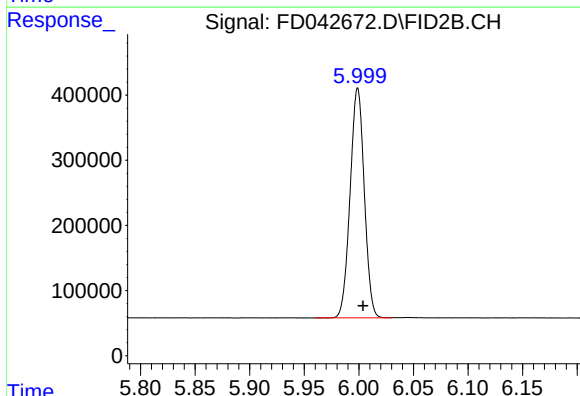
R.T.: 3.349 min
Delta R.T.: -0.007 min
Response: 2810966
Conc: 20.29 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



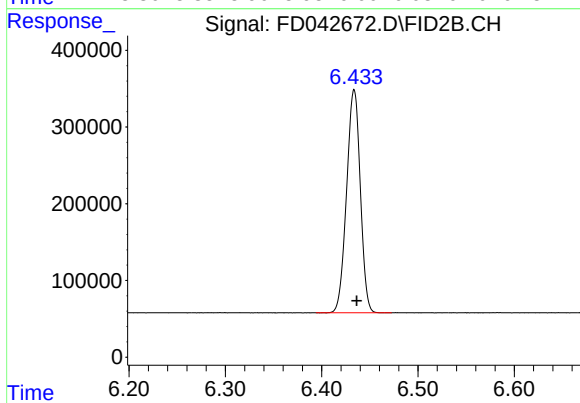
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: -0.005 min
Response: 2795547
Conc: 20.25 ug/ml



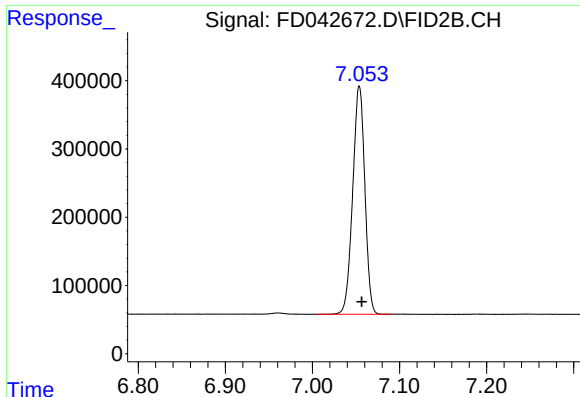
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.005 min
Response: 3186269
Conc: 20.25 ug/ml



#4 n-Dodecane (C12)

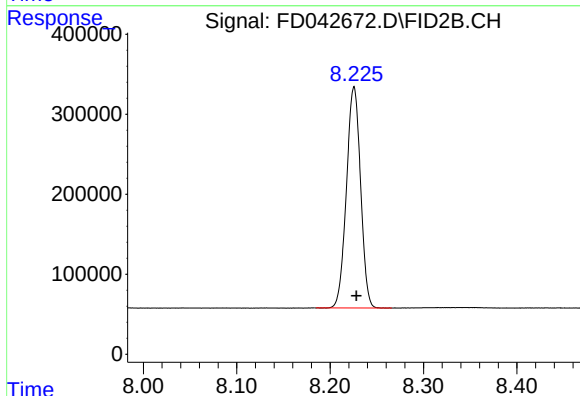
R.T.: 6.434 min
Delta R.T.: -0.003 min
Response: 2863321
Conc: 20.21 ug/ml



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

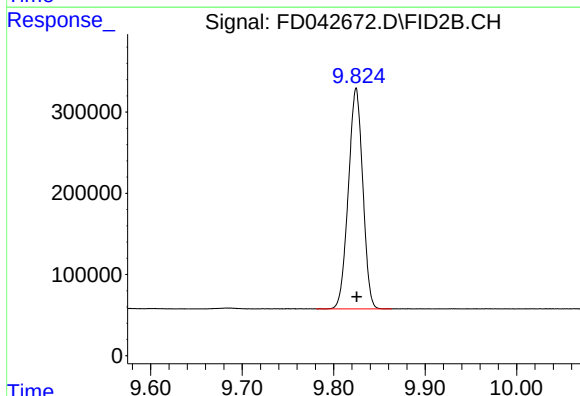
R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 3240667
Conc: 20.24 ug/ml

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20 PPM ALIPHATIC HC STD



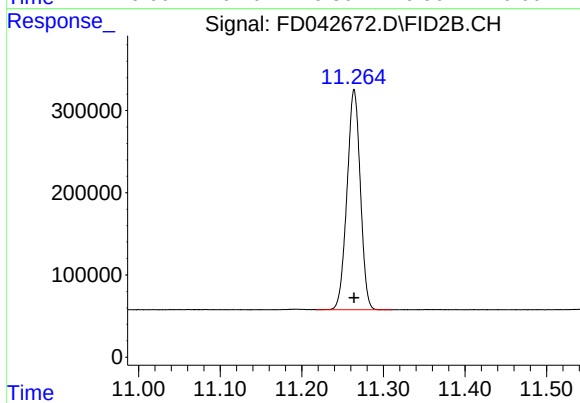
#6 n-Tetradecane (C14)

R.T.: 8.226 min
Delta R.T.: -0.002 min
Response: 2906428
Conc: 20.18 ug/ml



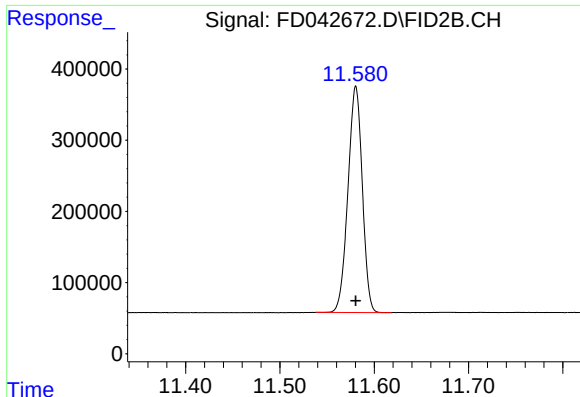
#7 n-Hexadecane (C16)

R.T.: 9.825 min
Delta R.T.: 0.000 min
Response: 2974466
Conc: 20.16 ug/ml



#8 n-Octadecane (C18)

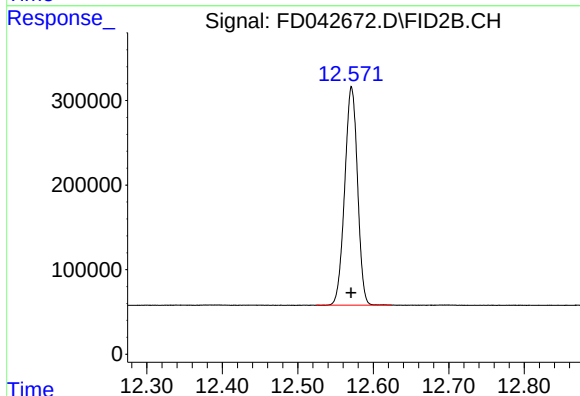
R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 3040632
Conc: 20.20 ug/ml



#9 ortho-Terphenyl (SURR)

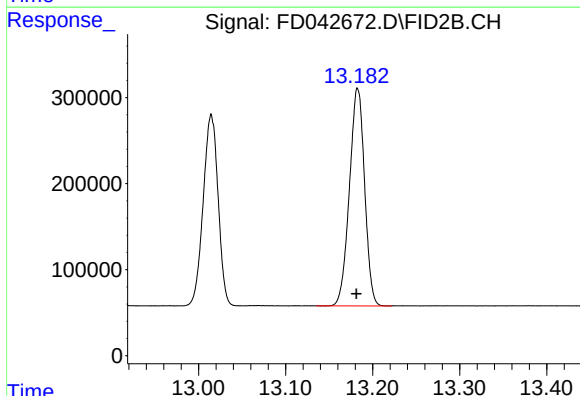
R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 3356858
Conc: 20.21 ug/ml

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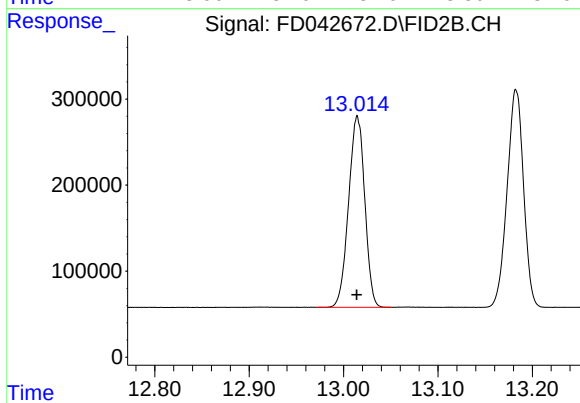
#10 n-Eicosane (C20)

R.T.: 12.571 min
Delta R.T.: 0.000 min
Response: 3047026
Conc: 20.26 ug/ml



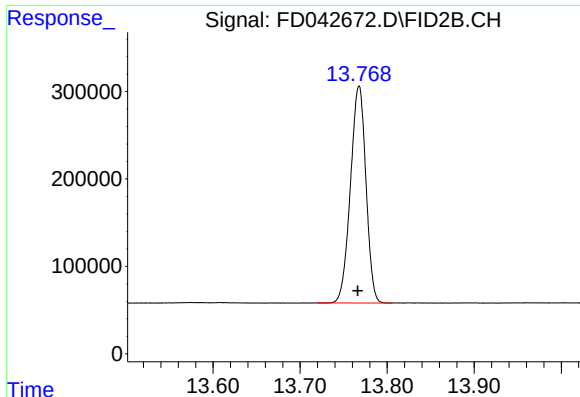
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: 0.002 min
Response: 3065575
Conc: 20.25 ug/ml



#12 1-chlorooctadecane (SURR)

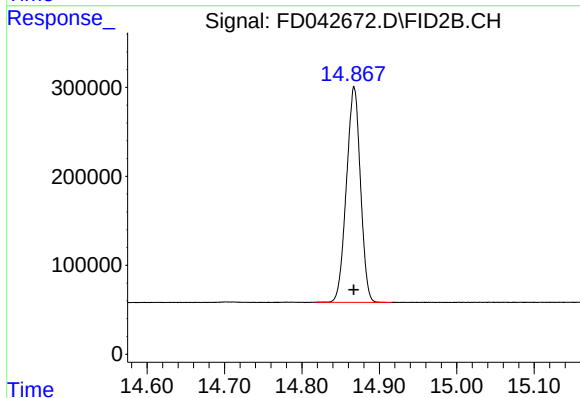
R.T.: 13.015 min
Delta R.T.: 0.000 min
Response: 2646747
Conc: 20.27 ug/ml



#13 n-Docosane (C22)

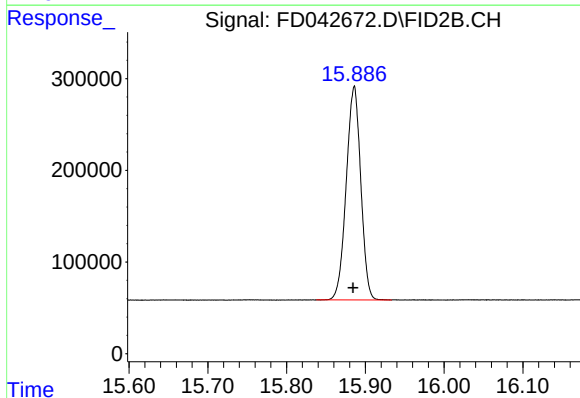
R.T.: 13.768 min
Delta R.T.: 0.001 min
Response: 3068489
Conc: 20.30 ug/ml

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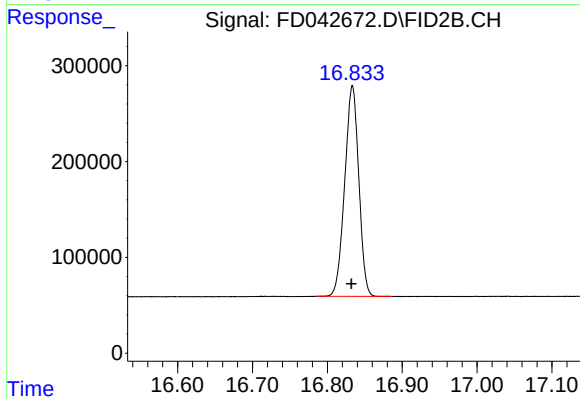
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: 0.000 min
Response: 3054486
Conc: 20.35 ug/ml



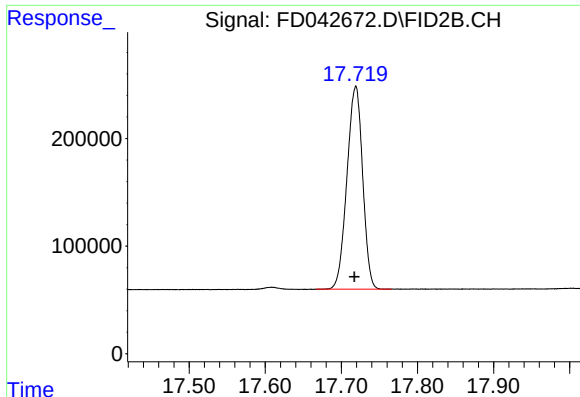
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: 0.001 min
Response: 2986495
Conc: 20.48 ug/ml



#16 n-Octacosane (C28)

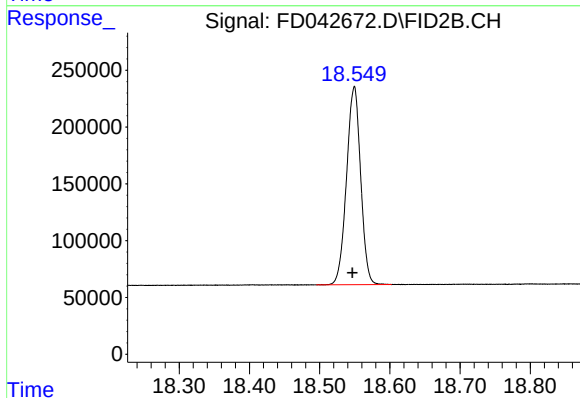
R.T.: 16.833 min
Delta R.T.: 0.001 min
Response: 2872521
Conc: 20.60 ug/ml



#17 n-Tricontane (C30)

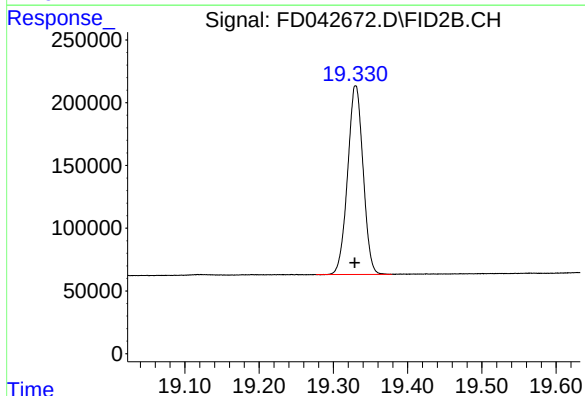
R.T.: 17.719 min
Delta R.T.: 0.002 min
Response: 2703630
Conc: 20.68 ug/ml

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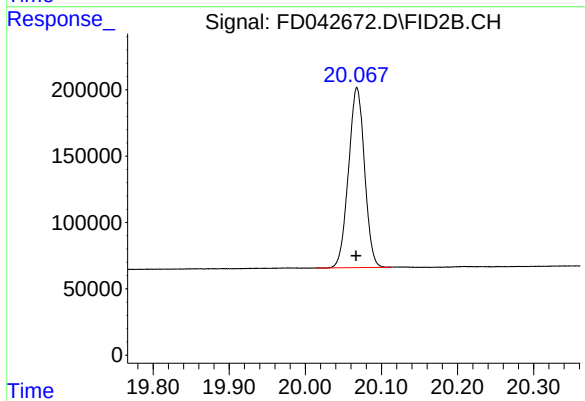
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: 0.003 min
Response: 2439155
Conc: 20.66 ug/ml



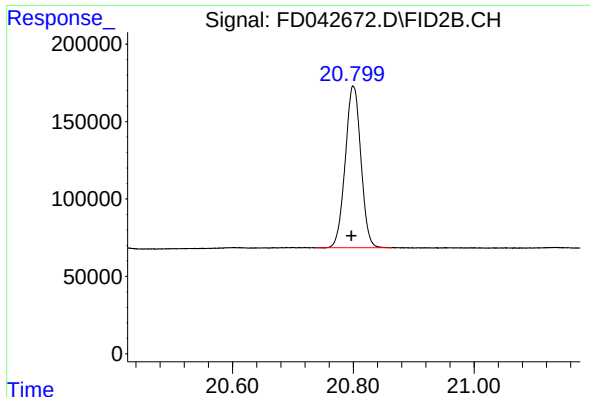
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: 0.001 min
Response: 2178239
Conc: 20.49 ug/ml



#20 n-Hexatriacontane (C36)

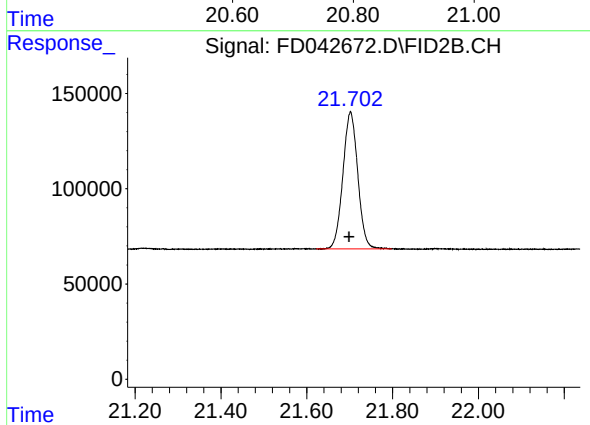
R.T.: 20.068 min
Delta R.T.: 0.001 min
Response: 1984293
Conc: 20.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.003 min
Response: 1880640
Conc: 20.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: 0.004 min
Response: 1731260
Conc: 21.36 ug/ml