

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061022AL\
 Data File : FD042853.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jun 2022 10:22
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 10 22:37:43 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)	11.579	3093523	18.626 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
12) S 1-chlorooctadecane (S...	13.013	2422050	18.546 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
Target Compounds			
1) T n-Nonane (C9)	3.345	2706464	19.537 ug/ml
2) T n-Decane (C10)	4.414	2707703	19.609 ug/ml
3) T A~Naphthalene (C11.7)	5.997	3104822	19.737 ug/ml
4) T n-Dodecane (C12)	6.430	2796408	19.734 ug/ml
5) T A~2-methylnaphthalene...	7.053	3155920	19.712 ug/ml
6) T n-Tetradecane (C14)	8.224	2846391	19.764 ug/ml
7) T n-Hexadecane (C16)	9.823	2907203	19.709 ug/ml
8) T n-Octadecane (C18)	11.263	2926084	19.440 ug/ml
10) T n-Eicosane (C20)	12.571	2895043	19.252 ug/ml
11) T n-Heneicosane (C21)	13.182	2833235	18.716 ug/ml
13) T n-Docosane (C22)	13.767	2938144	19.437 ug/ml
14) T n-Tetracosane (C24)	14.868	3036482	20.233 ug/ml
15) T n-Hexacosane (C26)	15.887	3060005	20.989 ug/ml
16) T n-Octacosane (C28)	16.836	3104917	22.262 ug/ml
17) T n-Tricontane (C30)	17.721	3093660	23.663 ug/ml
18) T n-Dotriacontane (C32)	18.552	2828309	23.954 ug/ml
19) T n-Tetratriacontane (C34)	19.334	2431160	22.870 ug/ml
20) T n-Hexatriacontane (C36)	20.070	2182127	22.317 ug/mlm
21) T n-Octatriacontane (C38)	20.802	2256597	24.740 ug/mlm
22) T n-Tetracontane (C40)	21.703	1977959	24.409 ug/mlm

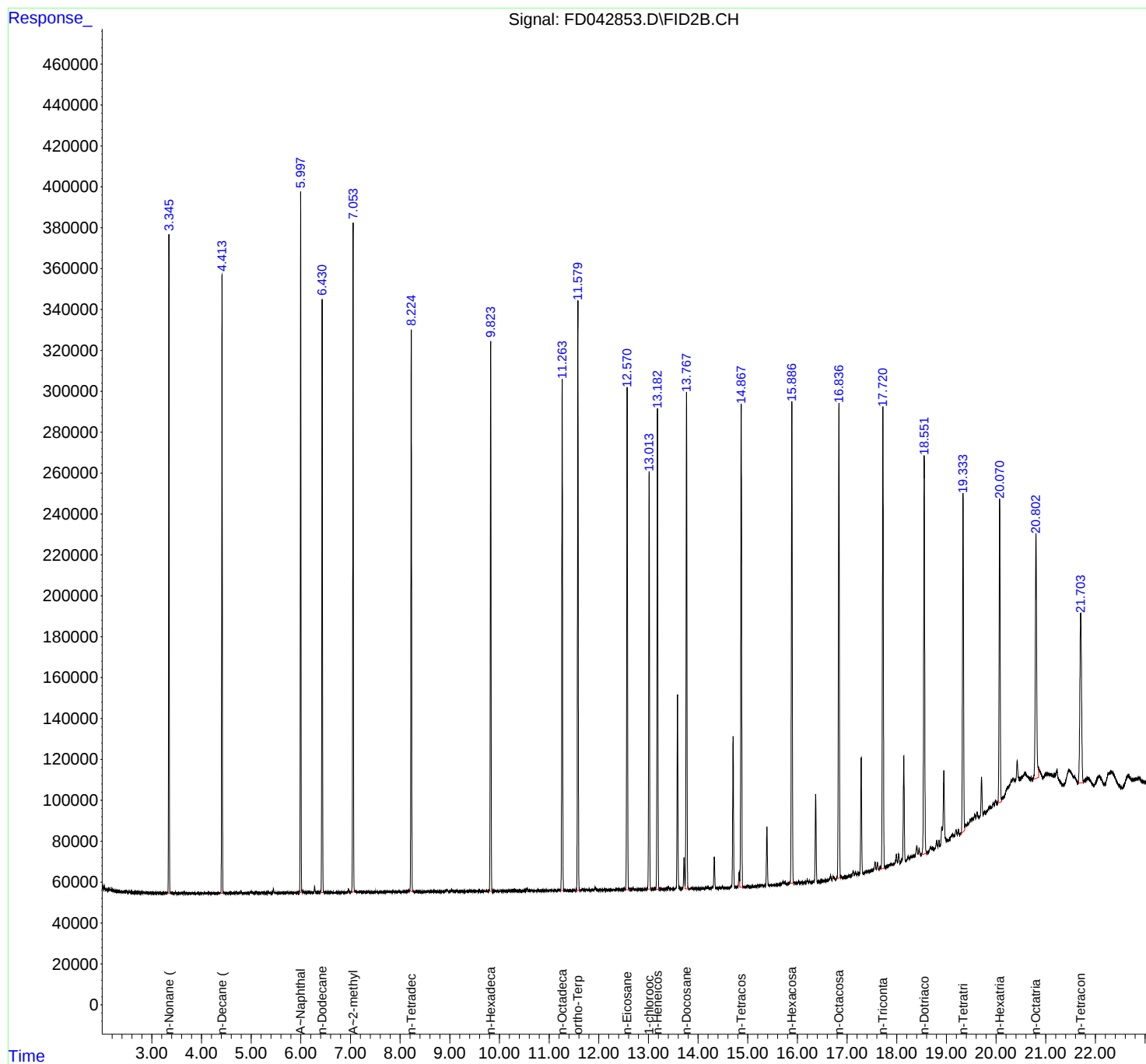
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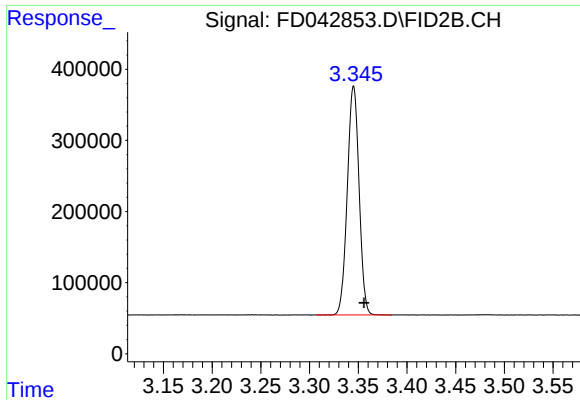
(m)=manual int.

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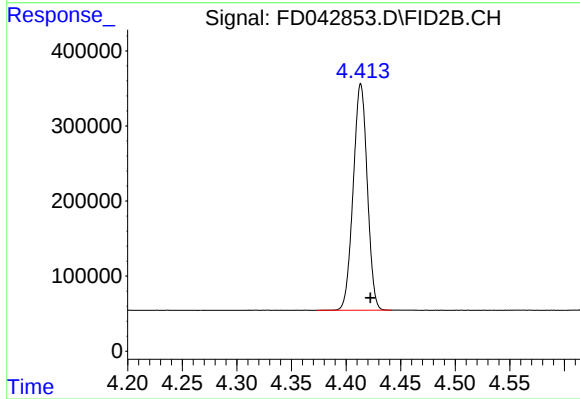
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Signal Info : 20M x 0.18mm x 0.18um





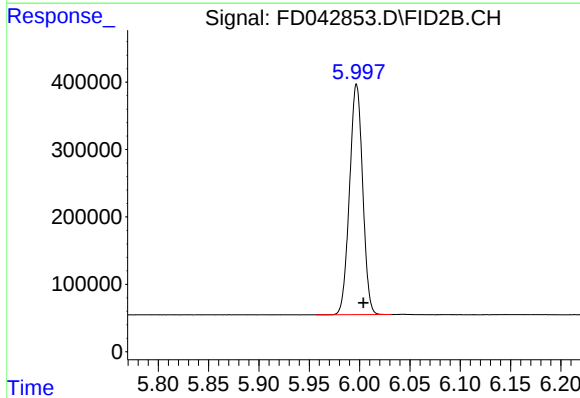
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: -0.011 min
Response: 2706464
Conc: 19.54 ug/ml



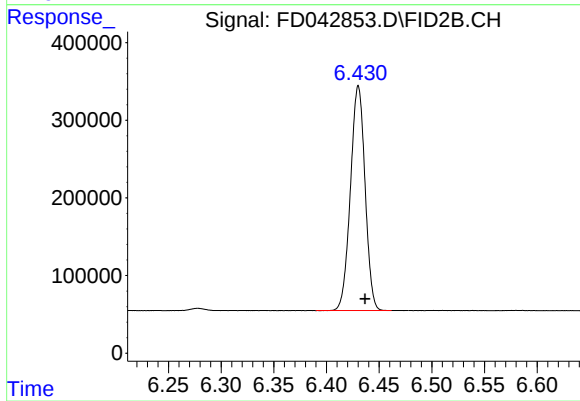
#2 n-Decane (C10)

R.T.: 4.414 min
Delta R.T.: -0.009 min
Response: 2707703
Conc: 19.61 ug/ml



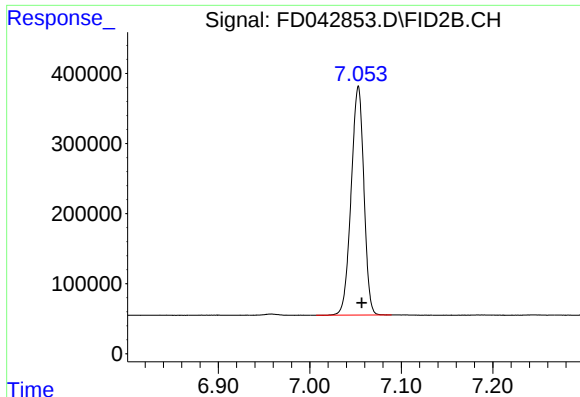
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 3104822
Conc: 19.74 ug/ml



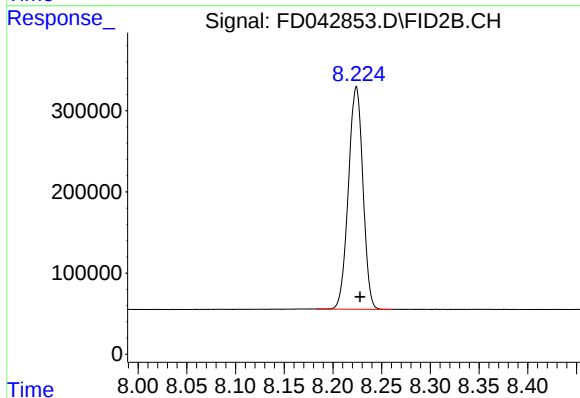
#4 n-Dodecane (C12)

R.T.: 6.430 min
Delta R.T.: -0.006 min
Response: 2796408
Conc: 19.73 ug/ml



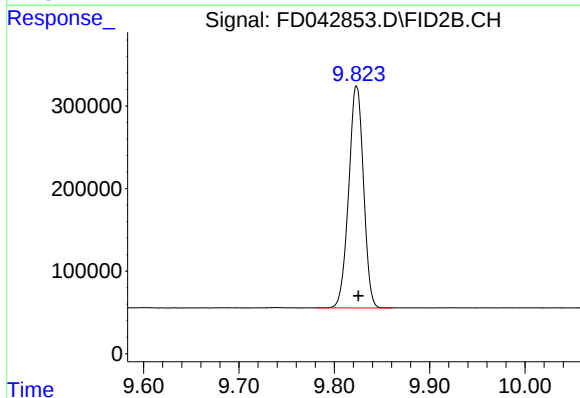
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 3155920
Conc: 19.71 ug/ml



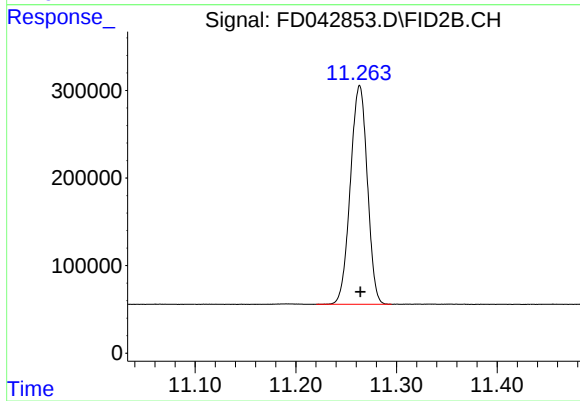
#6 n-Tetradecane (C14)

R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 2846391
Conc: 19.76 ug/ml



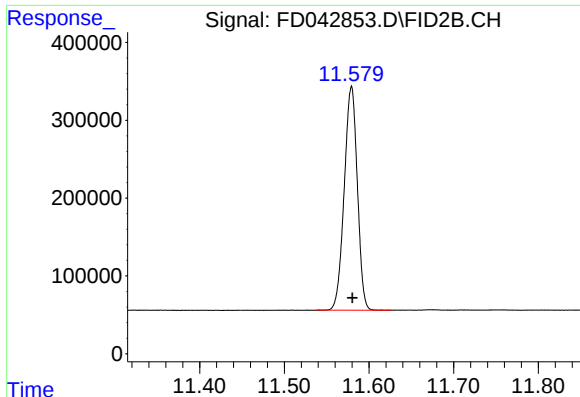
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: -0.002 min
Response: 2907203
Conc: 19.71 ug/ml



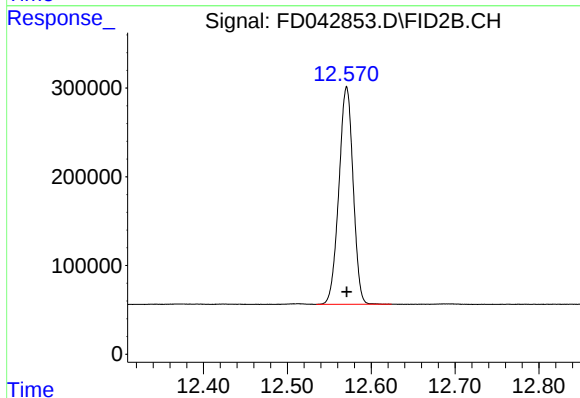
#8 n-Octadecane (C18)

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 2926084
Conc: 19.44 ug/ml



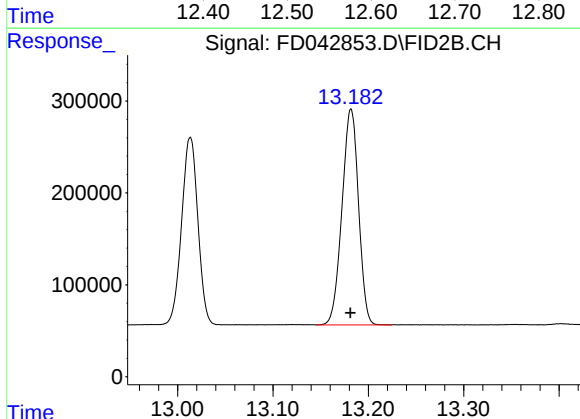
#9 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: -0.001 min
Response: 3093523
Conc: 18.63 ug/ml



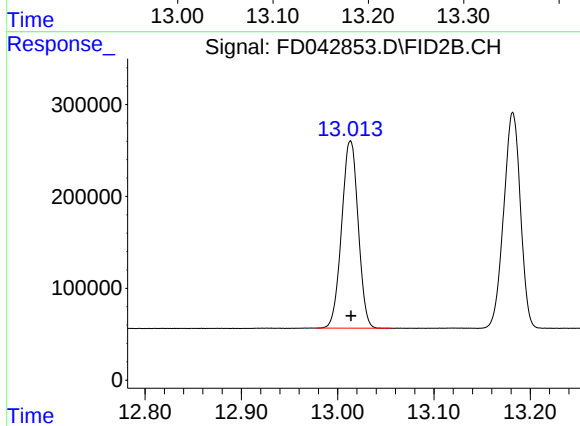
#10 n-Eicosane (C20)

R.T.: 12.571 min
Delta R.T.: 0.000 min
Response: 2895043
Conc: 19.25 ug/ml



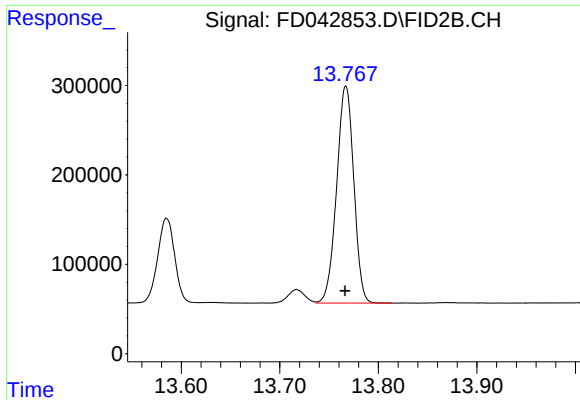
#11 n-Heneicosane (C21)

R.T.: 13.182 min
Delta R.T.: 0.000 min
Response: 2833235
Conc: 18.72 ug/ml



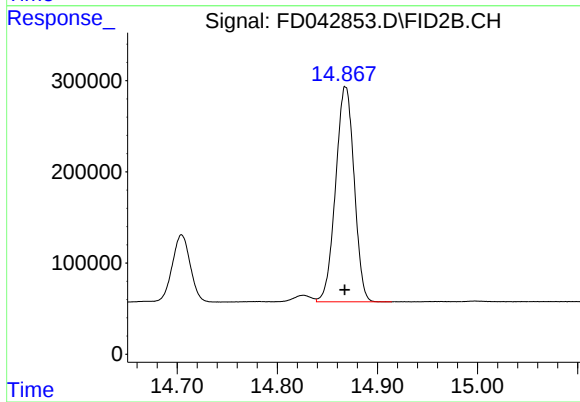
#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: 0.000 min
Response: 2422050
Conc: 18.55 ug/ml



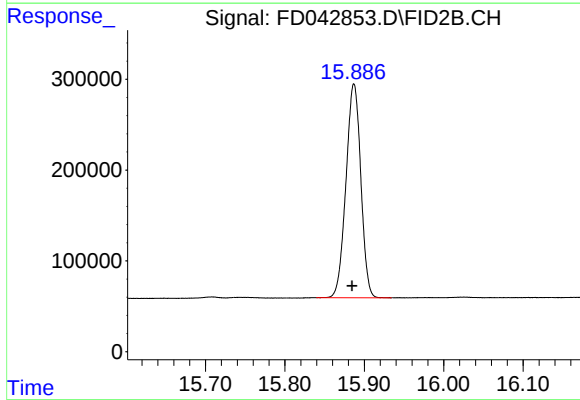
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: 0.000 min
Response: 2938144
Conc: 19.44 ug/ml



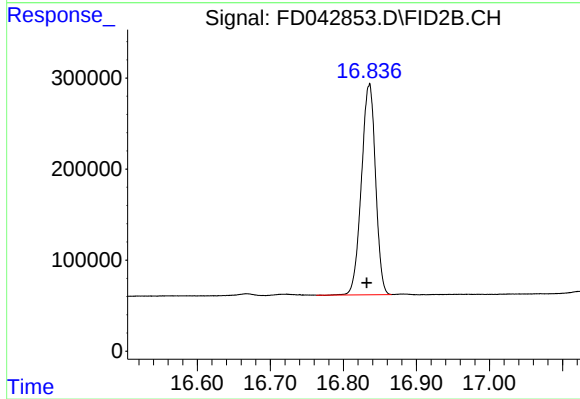
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: 0.001 min
Response: 3036482
Conc: 20.23 ug/ml



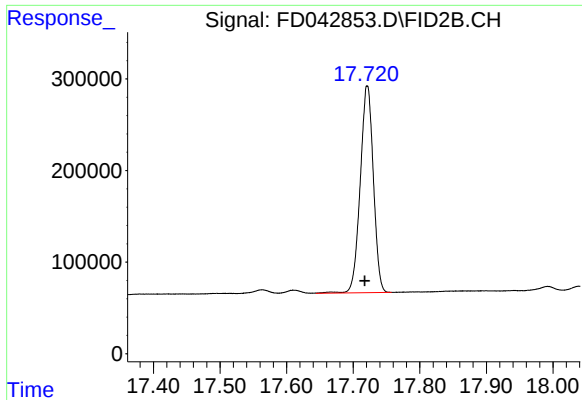
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: 0.002 min
Response: 3060005
Conc: 20.99 ug/ml



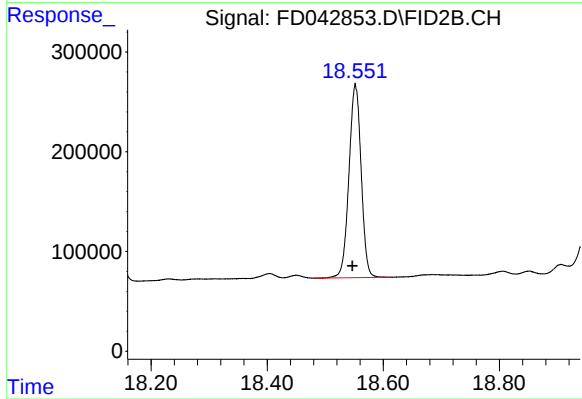
#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: 0.004 min
Response: 3104917
Conc: 22.26 ug/ml



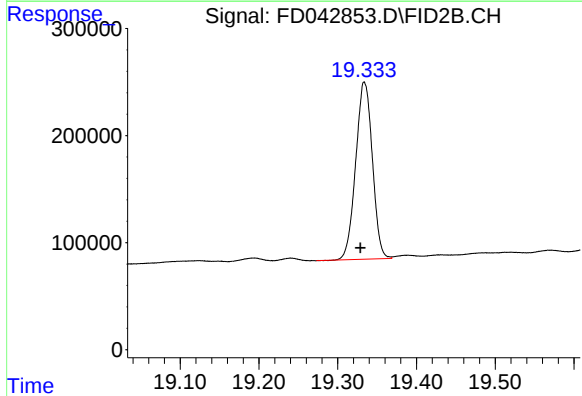
#17 n-Tricontane (C30)

R.T.: 17.721 min
Delta R.T.: 0.004 min
Response: 3093660
Conc: 23.66 ug/ml



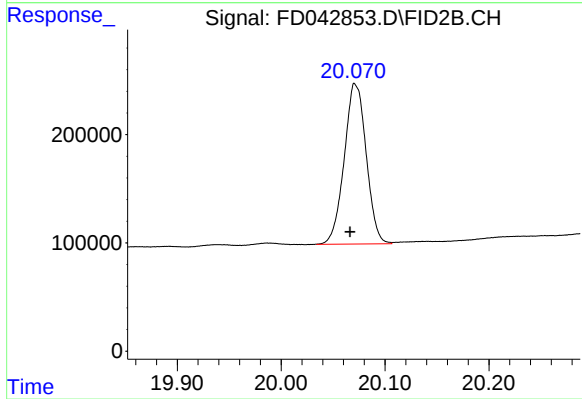
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: 0.005 min
Response: 2828309
Conc: 23.95 ug/ml



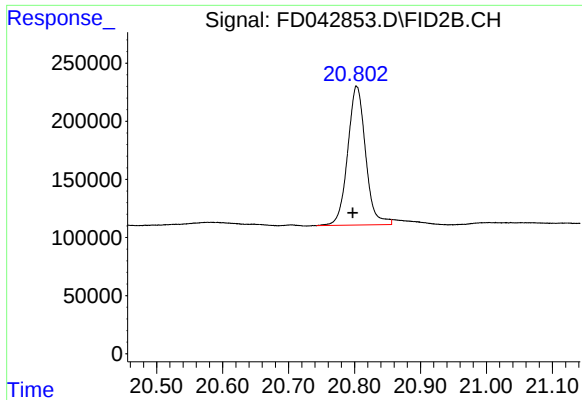
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.005 min
Response: 2431160
Conc: 22.87 ug/ml



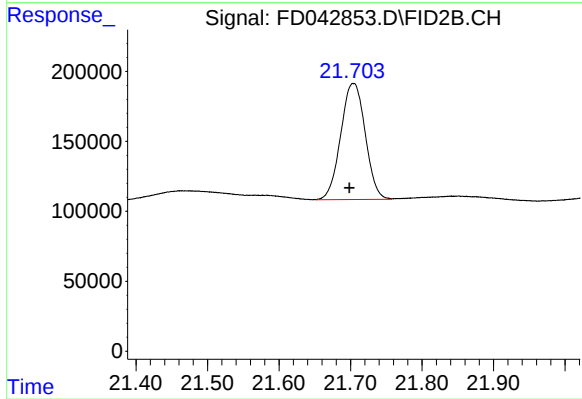
#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: 0.003 min
Response: 2182127
Conc: 22.32 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: 0.005 min
Response: 2256597
Conc: 24.74 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.703 min
Delta R.T.: 0.005 min
Response: 1977959
Conc: 24.41 ug/ml m