

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051122AL\
 Data File : FD042417.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2022 13:26
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 12 02:03:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.207	2917225	17.395 ug/ml
Spiked Amount 50.000		Recovery =	34.79%
12) S 1-chlorooctadecane (S...	12.646	2262037	17.142 ug/ml
Spiked Amount 50.000		Recovery =	34.28%
Target Compounds			
1) T n-Nonane (C9)	3.082	2657270	19.495 ug/ml
2) T n-Decane (C10)	4.126	2658523	19.838 ug/ml
3) T A~Naphthalene (C11.7)	5.677	2750104	18.972 ug/ml
4) T n-Dodecane (C12)	6.120	2758044	19.373 ug/ml
5) T A~2-methylnaphthalene...	6.722	2764915	19.841 ug/ml
6) T n-Tetradecane (C14)	7.895	2776007	19.488 ug/ml
7) T n-Hexadecane (C16)	9.480	2786127	19.173 ug/ml
8) T n-Octadecane (C18)	10.909	2789737	18.614 ug/ml
10) T n-Eicosane (C20)	12.208	2748929	17.959 ug/ml
11) T n-Heneicosane (C21)	12.815	2664688	17.284 ug/ml
13) T n-Docosane (C22)	13.398	2852307	18.504 ug/ml
14) T n-Tetracosane (C24)	14.492	3076068	19.890 ug/ml
15) T n-Hexacosane (C26)	15.507	3258120	21.182 ug/ml
16) T n-Octacosane (C28)	16.452	3540568	23.157 ug/ml
17) T n-Tricontane (C30)	17.334	3609426	24.063 ug/ml
18) T n-Dotriacontane (C32)	18.162	3287590	23.250 ug/ml
19) T n-Tetratriacontane (C34)	18.939	2835428	22.033 ug/ml
20) T n-Hexatriacontane (C36)	19.675	2345603	20.728 ug/ml
21) T n-Octatriacontane (C38)	20.372	2176270	21.811 ug/mlm
22) T n-Tetracontane (C40)	21.144	2109035	23.382 ug/mlm

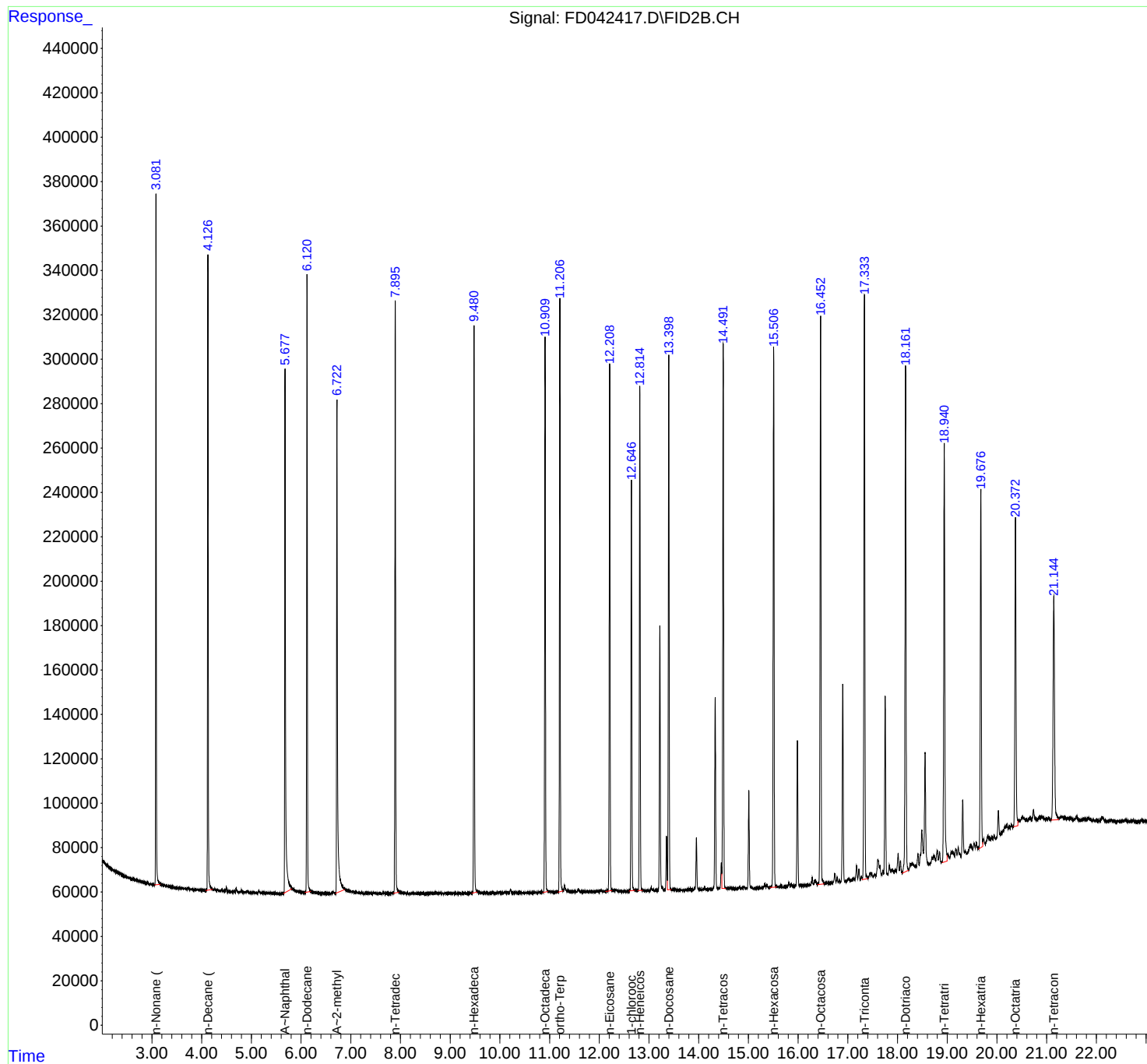
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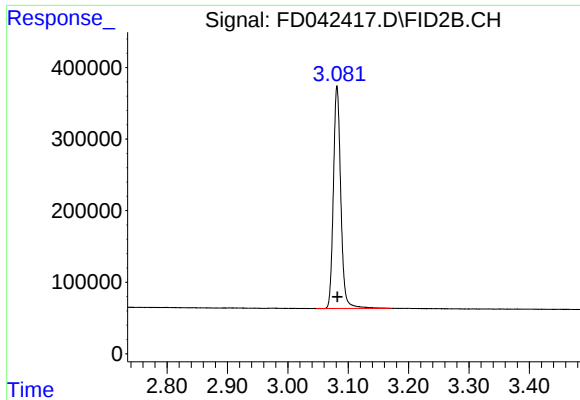
(m)=manual int.

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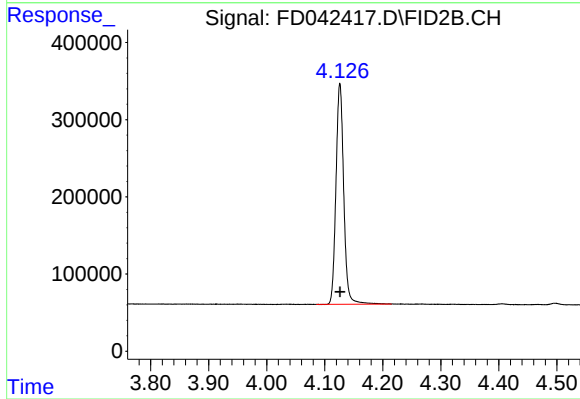
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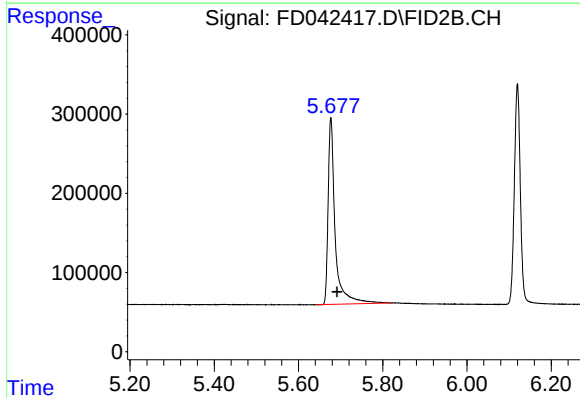
#1 n-Nonane (C9)

R.T.: 3.082 min
Delta R.T.: 0.000 min
Response: 2657270
Conc: 19.50 ug/ml



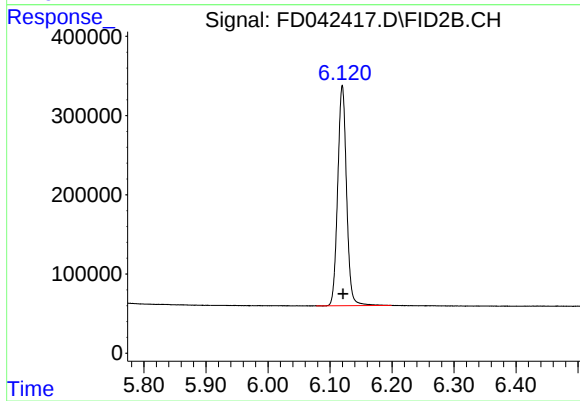
#2 n-Decane (C10)

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 2658523
Conc: 19.84 ug/ml



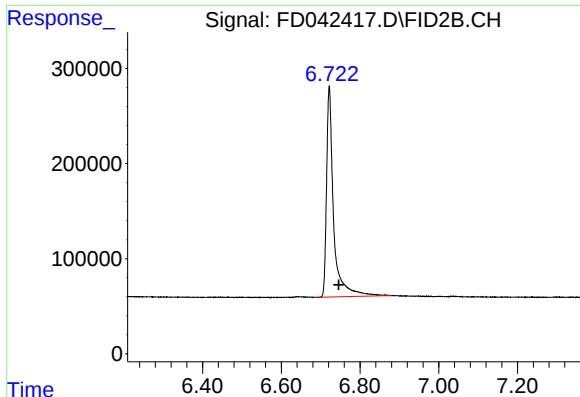
#3 A~Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: -0.014 min
Response: 2750104
Conc: 18.97 ug/ml



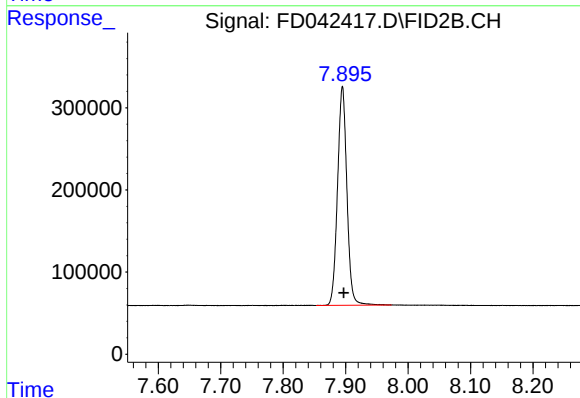
#4 n-Dodecane (C12)

R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 2758044
Conc: 19.37 ug/ml



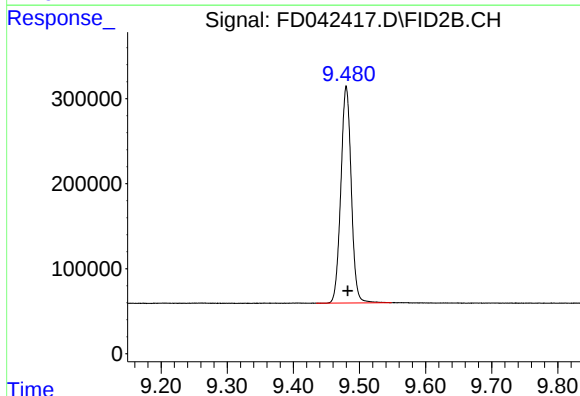
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.024 min
Response: 2764915
Conc: 19.84 ug/ml



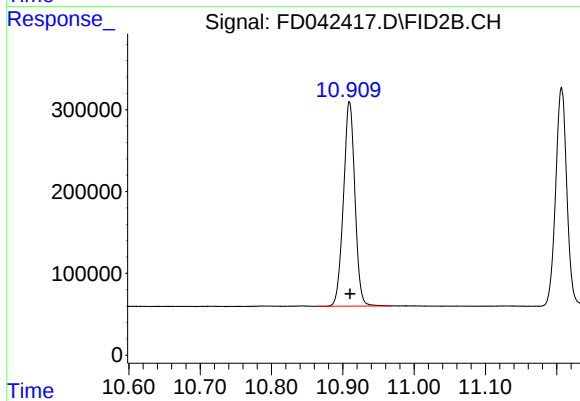
#6 n-Tetradecane (C14)

R.T.: 7.895 min
Delta R.T.: -0.002 min
Response: 2776007
Conc: 19.49 ug/ml



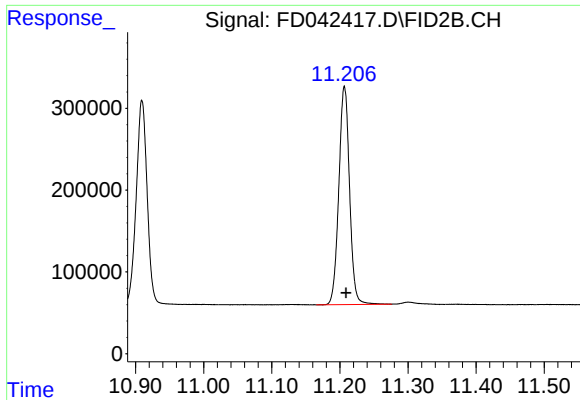
#7 n-Hexadecane (C16)

R.T.: 9.480 min
Delta R.T.: -0.002 min
Response: 2786127
Conc: 19.17 ug/ml



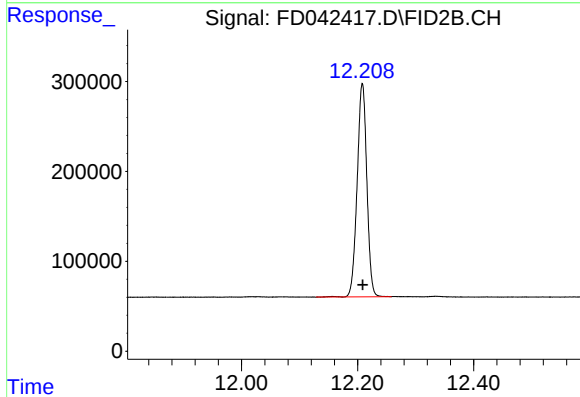
#8 n-Octadecane (C18)

R.T.: 10.909 min
Delta R.T.: 0.000 min
Response: 2789737
Conc: 18.61 ug/ml



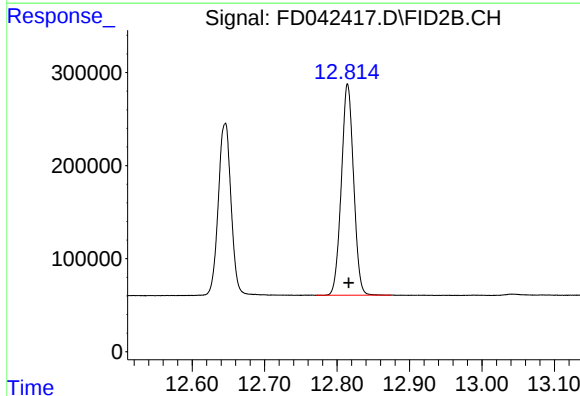
#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: -0.003 min
Response: 2917225
Conc: 17.39 ug/ml



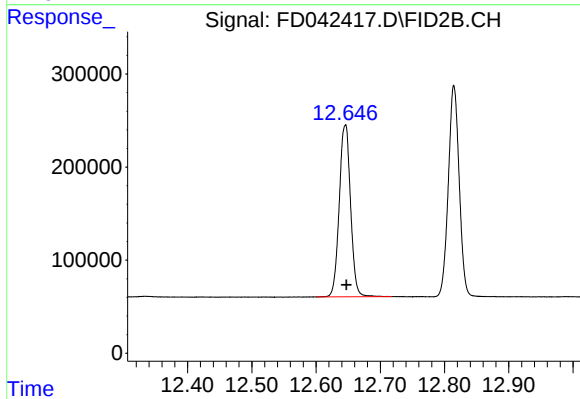
#10 n-Eicosane (C20)

R.T.: 12.208 min
Delta R.T.: 0.000 min
Response: 2748929
Conc: 17.96 ug/ml



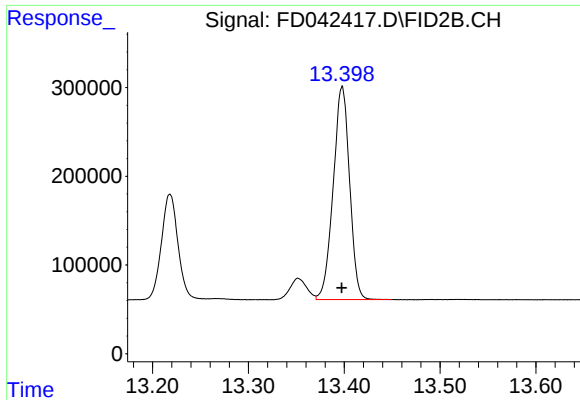
#11 n-Heneicosane (C21)

R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 2664688
Conc: 17.28 ug/ml



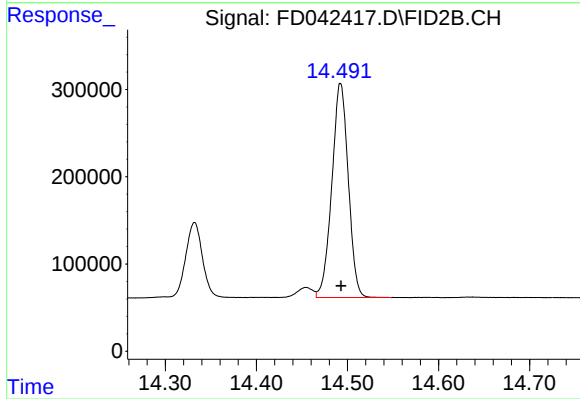
#12 1-chlorooctadecane (SURR)

R.T.: 12.646 min
Delta R.T.: -0.002 min
Response: 2262037
Conc: 17.14 ug/ml



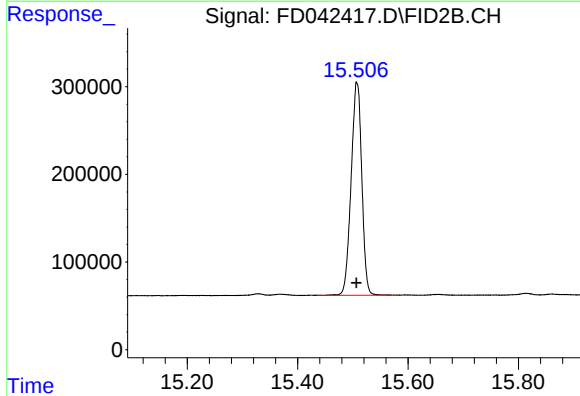
#13 n-Docosane (C22)

R.T.: 13.398 min
Delta R.T.: 0.000 min
Response: 2852307
Conc: 18.50 ug/ml



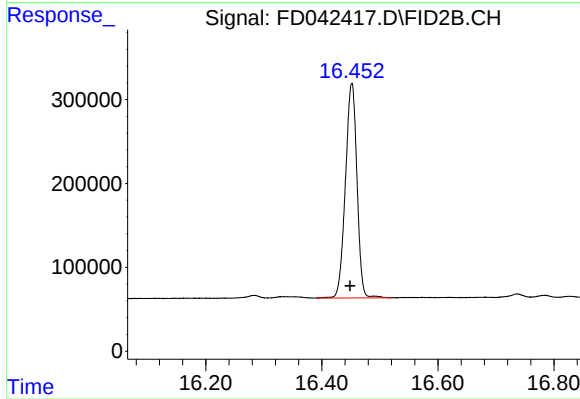
#14 n-Tetracosane (C24)

R.T.: 14.492 min
Delta R.T.: 0.000 min
Response: 3076068
Conc: 19.89 ug/ml



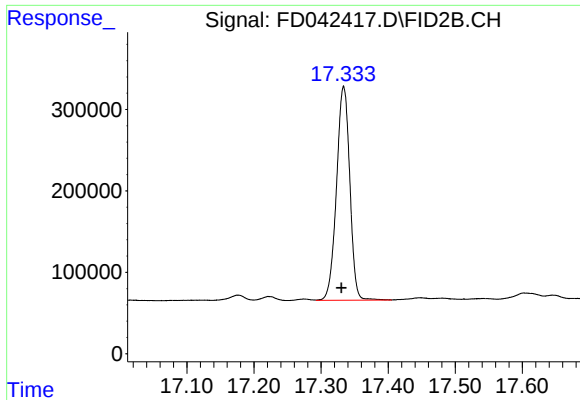
#15 n-Hexacosane (C26)

R.T.: 15.507 min
Delta R.T.: 0.001 min
Response: 3258120
Conc: 21.18 ug/ml



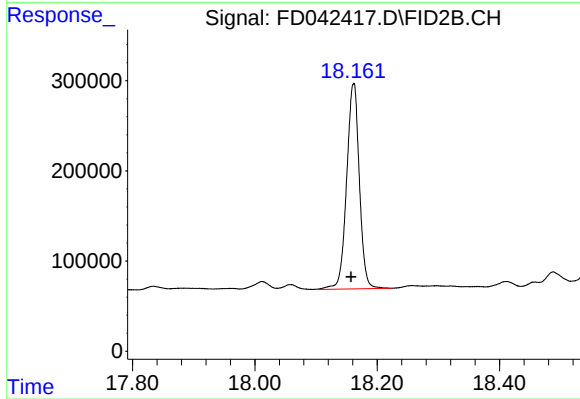
#16 n-Octacosane (C28)

R.T.: 16.452 min
Delta R.T.: 0.003 min
Response: 3540568
Conc: 23.16 ug/ml



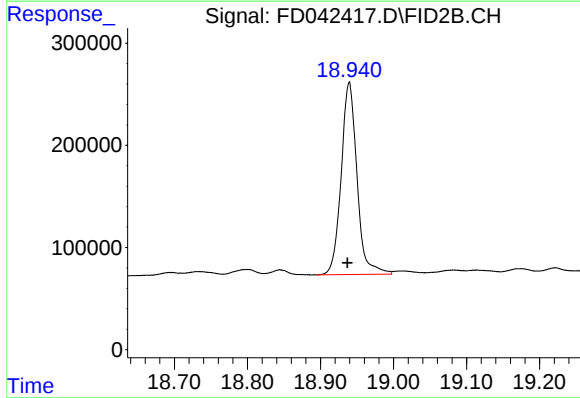
#17 n-Tricontane (C30)

R.T.: 17.334 min
Delta R.T.: 0.003 min
Response: 3609426
Conc: 24.06 ug/ml



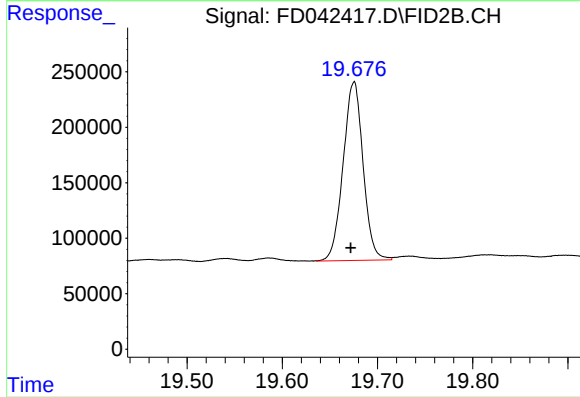
#18 n-Dotriacontane (C32)

R.T.: 18.162 min
Delta R.T.: 0.004 min
Response: 3287590
Conc: 23.25 ug/ml



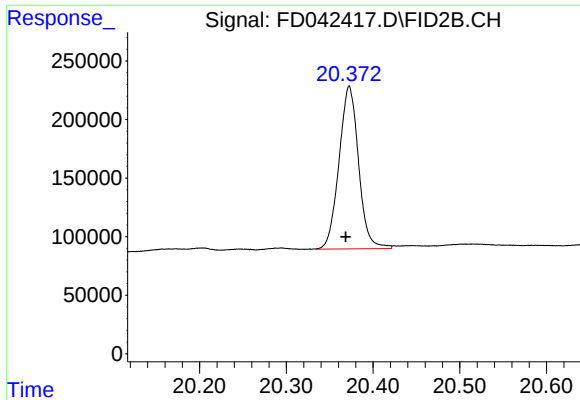
#19 n-Tetratriacontane (C34)

R.T.: 18.939 min
Delta R.T.: 0.002 min
Response: 2835428
Conc: 22.03 ug/ml



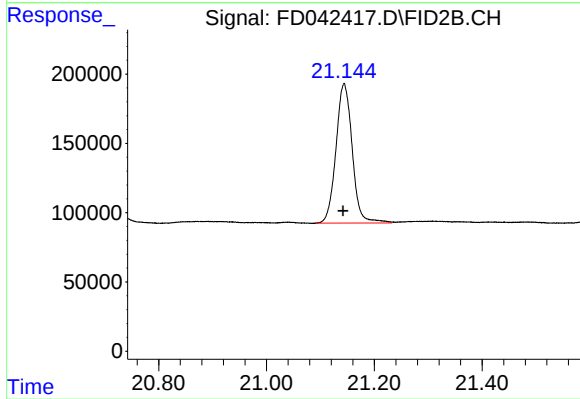
#20 n-Hexatriacontane (C36)

R.T.: 19.675 min
Delta R.T.: 0.003 min
Response: 2345603
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.372 min
Delta R.T.: 0.004 min
Response: 2176270
Conc: 21.81 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.144 min
Delta R.T.: 0.002 min
Response: 2109035
Conc: 23.38 ug/ml m