

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012220AL\
 Data File : FD032092.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jan 2020 11:19
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 23 00:48:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 2020
 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)	11.533	2917762	21.121 ug/ml
Spiked Amount 50.000		Recovery =	42.24%
12) S 1-chlorooctadecane (S...	12.964	2213302	20.318 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
Target Compounds			
1) T n-Nonane (C9)	3.328	2760225	23.484 ug/ml
2) T n-Decane (C10)	4.392	2799126	23.760 ug/ml
3) T A~Naphthalene (C11.7)	5.970	3127797	23.642 ug/ml
4) T n-Dodecane (C12)	6.402	2821723	23.709 ug/ml
5) T A~2-methylnaphthalene...	7.022	3134766	23.387 ug/ml
6) T n-Tetradecane (C14)	8.189	2806284	23.122 ug/ml
7) T n-Hexadecane (C16)	9.782	2786035	22.478 ug/ml
8) T n-Octadecane (C18)	11.217	2747639	21.758 ug/ml
10) T n-Eicosane (C20)	12.521	2686046	21.050 ug/ml
11) T n-Heneicosane (C21)	13.130	2659496	20.646 ug/ml
13) T n-Docosane (C22)	13.714	2686871	20.886 ug/ml
14) T n-Tetracosane (C24)	14.812	2759933	21.253 ug/ml
15) T n-Hexacosane (C26)	15.828	2743925	21.289 ug/ml
16) T n-Octacosane (C28)	16.774	2713595	21.289 ug/ml
17) T n-Tricontane (C30)	17.657	2654944	21.657 ug/ml
18) T n-Dotriacontane (C32)	18.485	2286956	21.846 ug/ml
19) T n-Tetratriacontane (C34)	19.264	1831934	20.715 ug/ml
20) T n-Hexatriacontane (C36)	19.999	1618907	20.542 ug/ml
21) T n-Octatriacontane (C38)	20.716	1478178	20.047 ug/ml
22) T n-Tetracontane (C40)	21.584	1504465	19.878 ug/ml

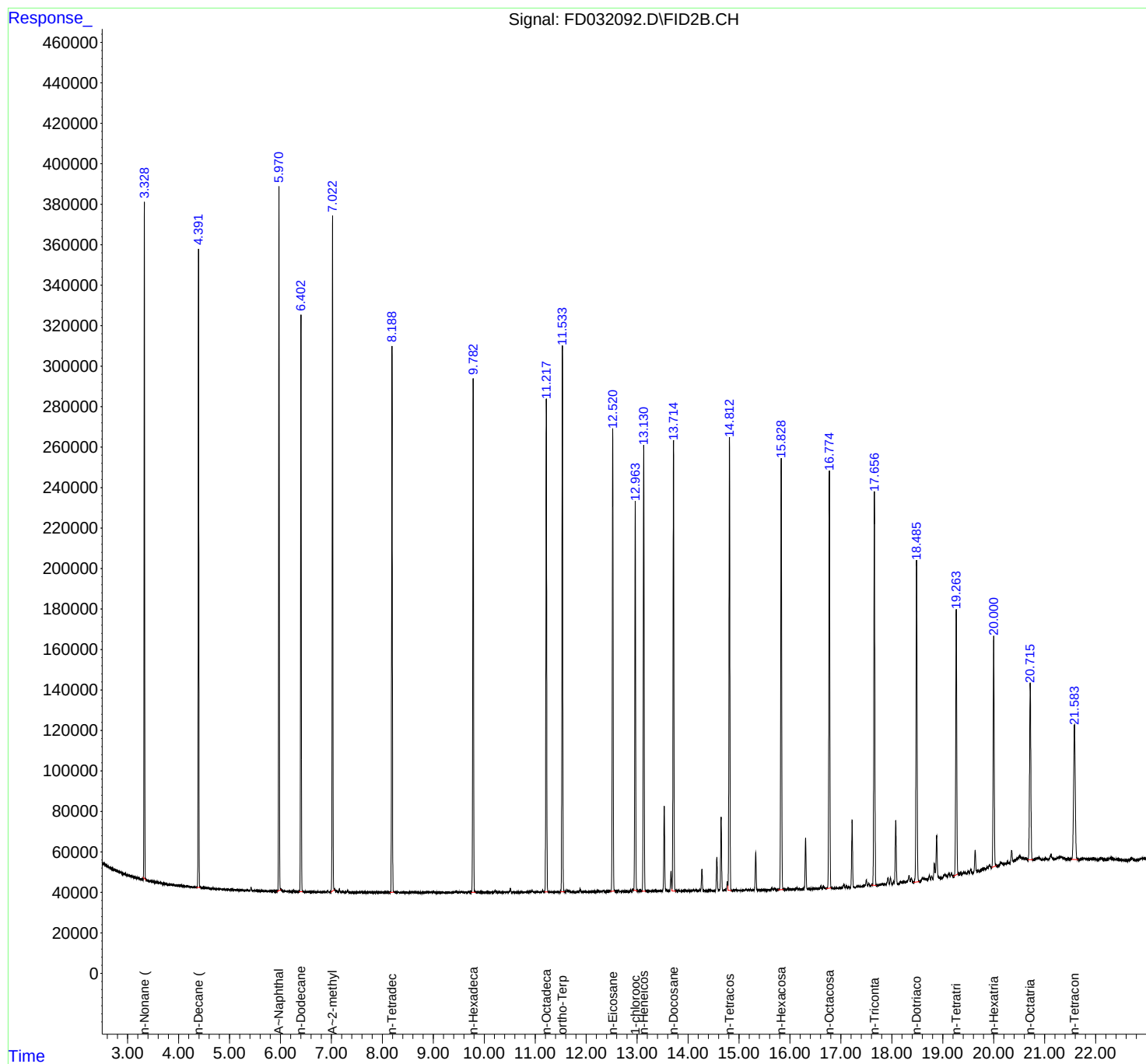
(f)=RT Delta > 1/2 Window

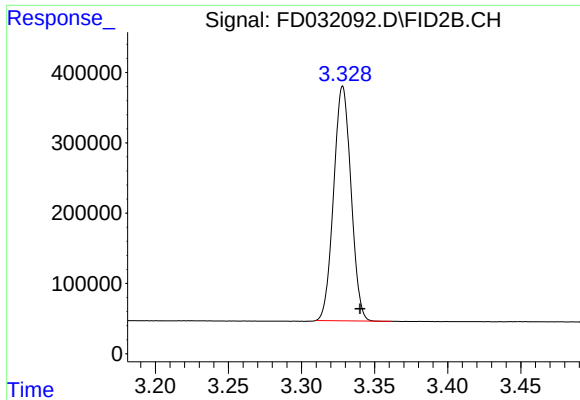
(m)=manual int.

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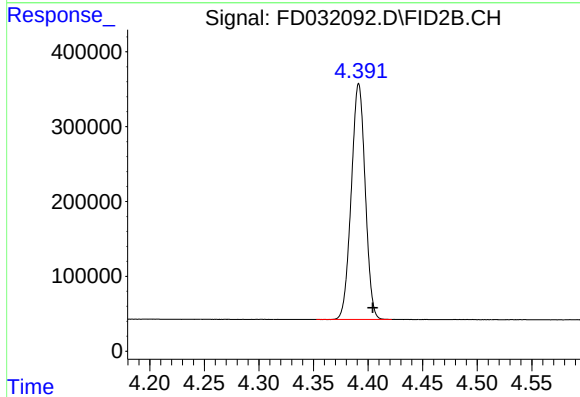
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





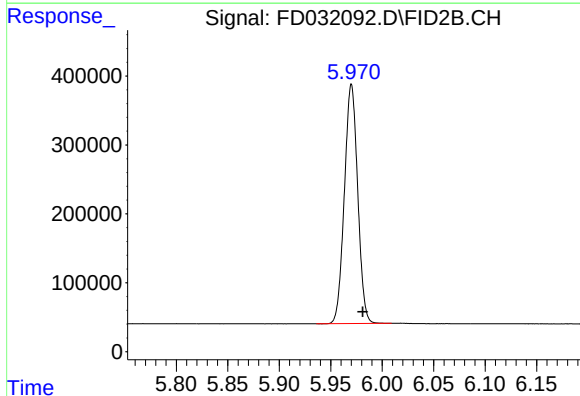
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.012 min
Response: 2760225
Conc: 23.48 ug/ml



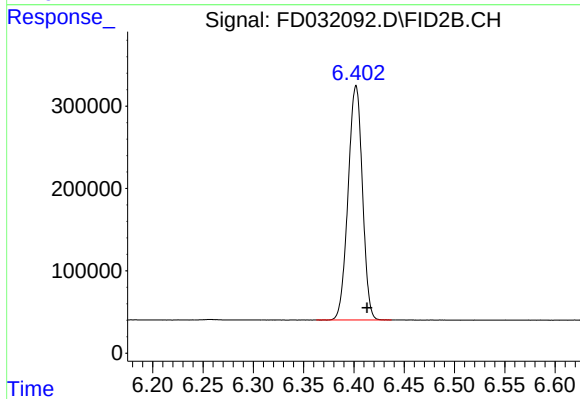
#2 n-Decane (C10)

R.T.: 4.392 min
Delta R.T.: -0.013 min
Response: 2799126
Conc: 23.76 ug/ml



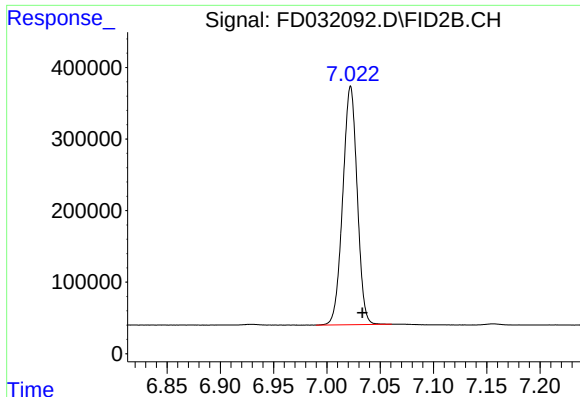
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.011 min
Response: 3127797
Conc: 23.64 ug/ml



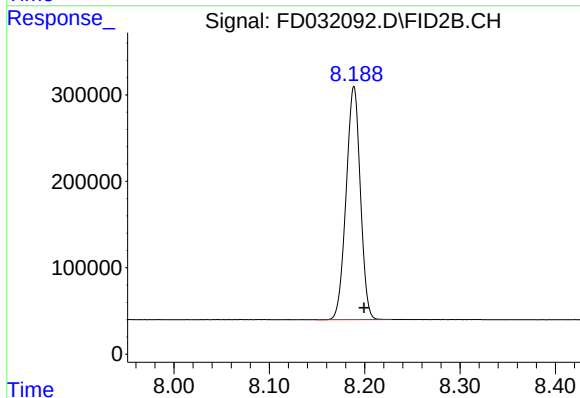
#4 n-Dodecane (C12)

R.T.: 6.402 min
Delta R.T.: -0.011 min
Response: 2821723
Conc: 23.71 ug/ml



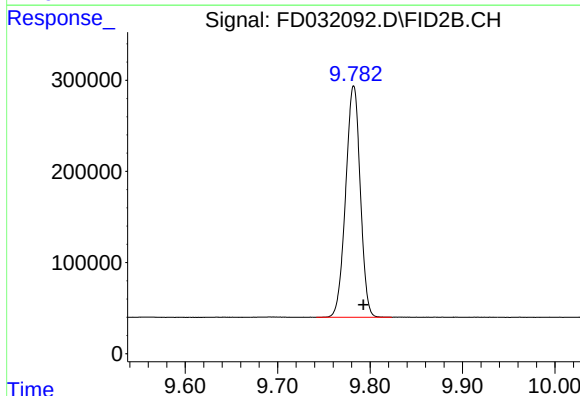
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: -0.011 min
Response: 3134766
Conc: 23.39 ug/ml



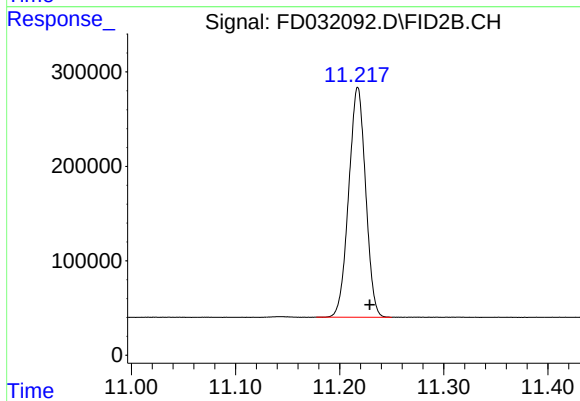
#6 n-Tetradecane (C14)

R.T.: 8.189 min
Delta R.T.: -0.010 min
Response: 2806284
Conc: 23.12 ug/ml



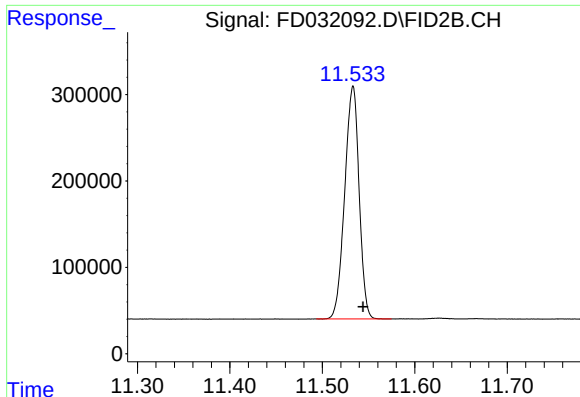
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.010 min
Response: 2786035
Conc: 22.48 ug/ml



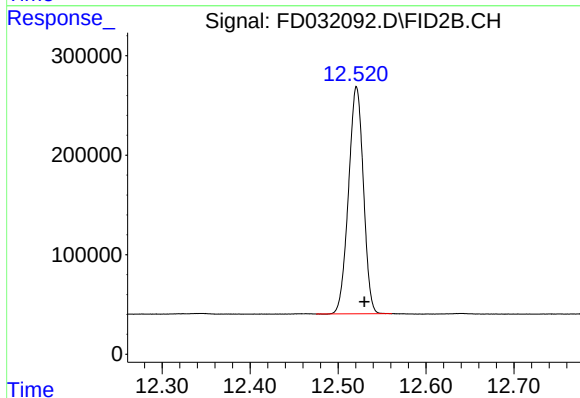
#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.012 min
Response: 2747639
Conc: 21.76 ug/ml



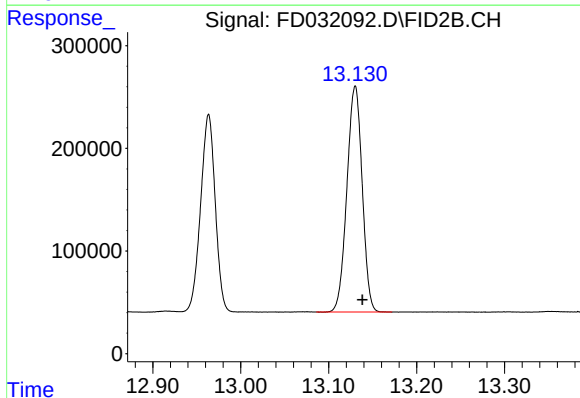
#9 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: -0.011 min
Response: 2917762
Conc: 21.12 ug/ml



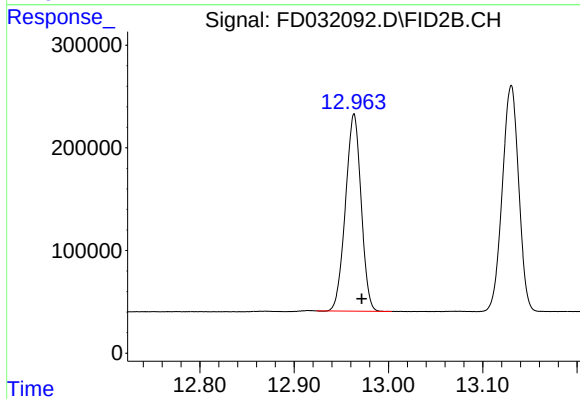
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.009 min
Response: 2686046
Conc: 21.05 ug/ml



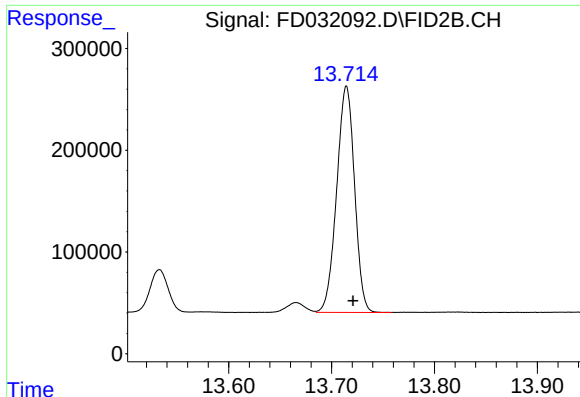
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: -0.008 min
Response: 2659496
Conc: 20.65 ug/ml



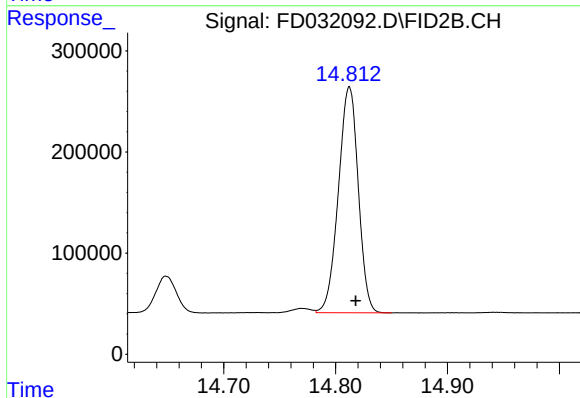
#12 1-chlorooctadecane (SURR)

R.T.: 12.964 min
Delta R.T.: -0.008 min
Response: 2213302
Conc: 20.32 ug/ml



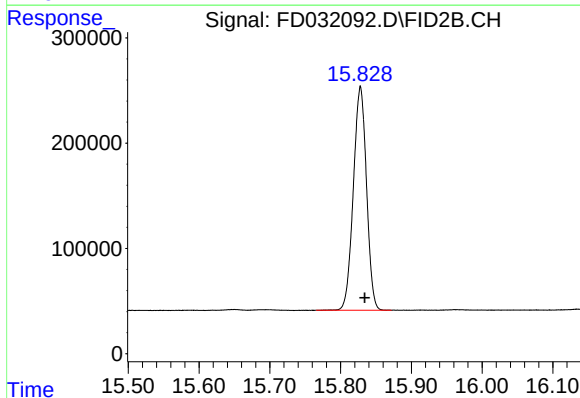
#13 n-Docosane (C22)

R.T.: 13.714 min
Delta R.T.: -0.007 min
Response: 2686871
Conc: 20.89 ug/ml



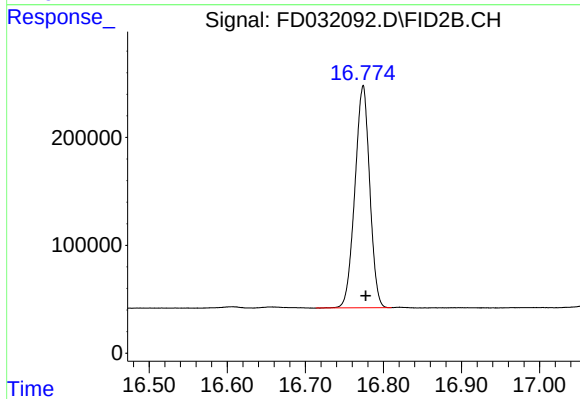
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: -0.006 min
Response: 2759933
Conc: 21.25 ug/ml



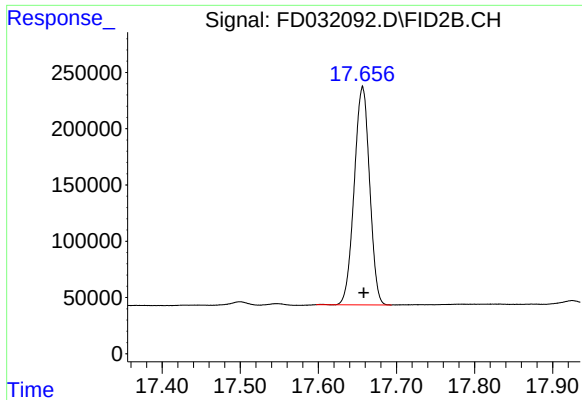
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.006 min
Response: 2743925
Conc: 21.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.003 min
Response: 2713595
Conc: 21.29 ug/ml



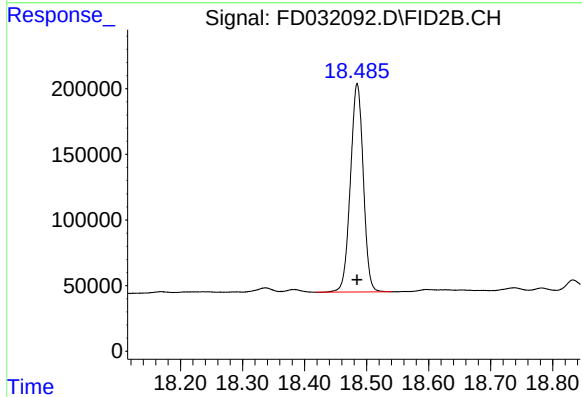
#17 n-Tricontane (C30)

R.T.: 17.657 min

Delta R.T.: -0.001 min

Response: 2654944

Conc: 21.66 ug/ml



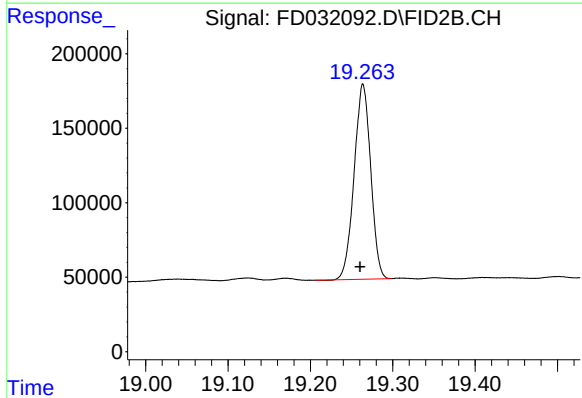
#18 n-Dotriacontane (C32)

R.T.: 18.485 min

Delta R.T.: 0.000 min

Response: 2286956

Conc: 21.85 ug/ml



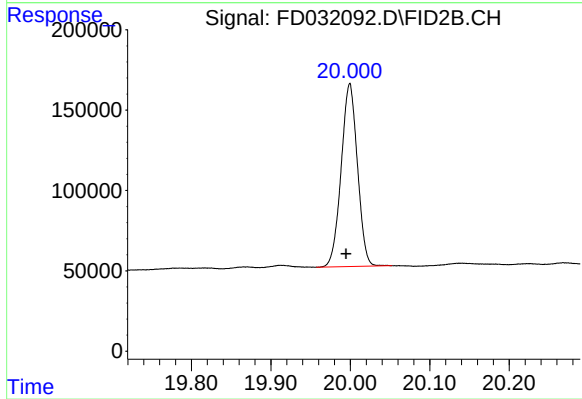
#19 n-Tetratriacontane (C34)

R.T.: 19.264 min

Delta R.T.: 0.003 min

Response: 1831934

Conc: 20.71 ug/ml



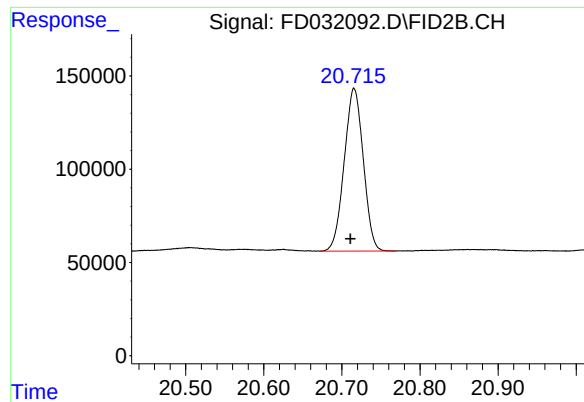
#20 n-Hexatriacontane (C36)

R.T.: 19.999 min

Delta R.T.: 0.005 min

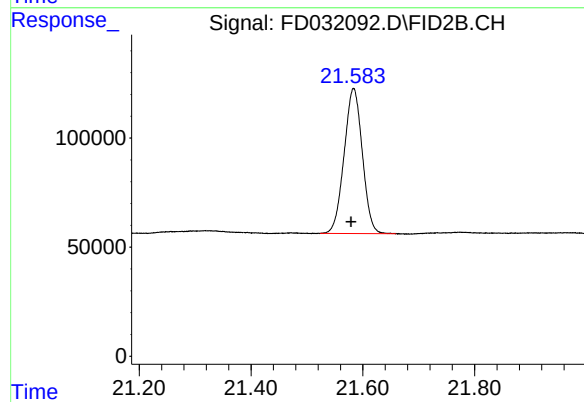
Response: 1618907

Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: 0.005 min
Response: 1478178
Conc: 20.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.584 min
Delta R.T.: 0.004 min
Response: 1504465
Conc: 19.88 ug/ml