

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080621AL\
 Data File : FD038449.D
 Signal(s) : FID2B.CH
 Acq On : 07 Aug 2021 4:54
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 09 04:04:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 2021
 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)	11.367	2928849	21.456 ug/ml
Spiked Amount 50.000		Recovery =	42.91%
12) S 1-chlorooctadecane (S...	12.803	2274357	21.150 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
Target Compounds			
1) T n-Nonane (C9)	3.192	2582524	21.998 ug/ml
2) T n-Decane (C10)	4.245	2633155	22.333 ug/ml
3) T A~Naphthalene (C11.7)	5.808	2933967	22.476 ug/ml
4) T n-Dodecane (C12)	6.247	2665867	22.451 ug/ml
5) T A~2-methylnaphthalene...	6.859	2970323	22.699 ug/ml
6) T n-Tetradecane (C14)	8.033	2713971	22.331 ug/ml
7) T n-Hexadecane (C16)	9.625	2719462	22.251 ug/ml
8) T n-Octadecane (C18)	11.061	2776024	22.049 ug/ml
10) T n-Eicosane (C20)	12.364	2717859	21.561 ug/ml
11) T n-Heneicosane (C21)	12.972	2712759	21.251 ug/ml
13) T n-Docosane (C22)	13.555	2698936	21.201 ug/ml
14) T n-Tetracosane (C24)	14.652	2720482	21.149 ug/ml
15) T n-Hexacosane (C26)	15.669	2594023	20.369 ug/ml
16) T n-Octacosane (C28)	16.614	2526128	19.800 ug/ml
17) T n-Tricontane (C30)	17.497	2431808	19.194 ug/ml
18) T n-Dotriacontane (C32)	18.325	2300640	18.723 ug/ml
19) T n-Tetratriacontane (C34)	19.105	2201259	18.444 ug/ml
20) T n-Hexatriacontane (C36)	19.840	2118993	19.012 ug/mlm
21) T n-Octatriacontane (C38)	20.543	2038749	19.721 ug/mlm
22) T n-Tetracontane (C40)	21.352	2056094	20.485 ug/ml

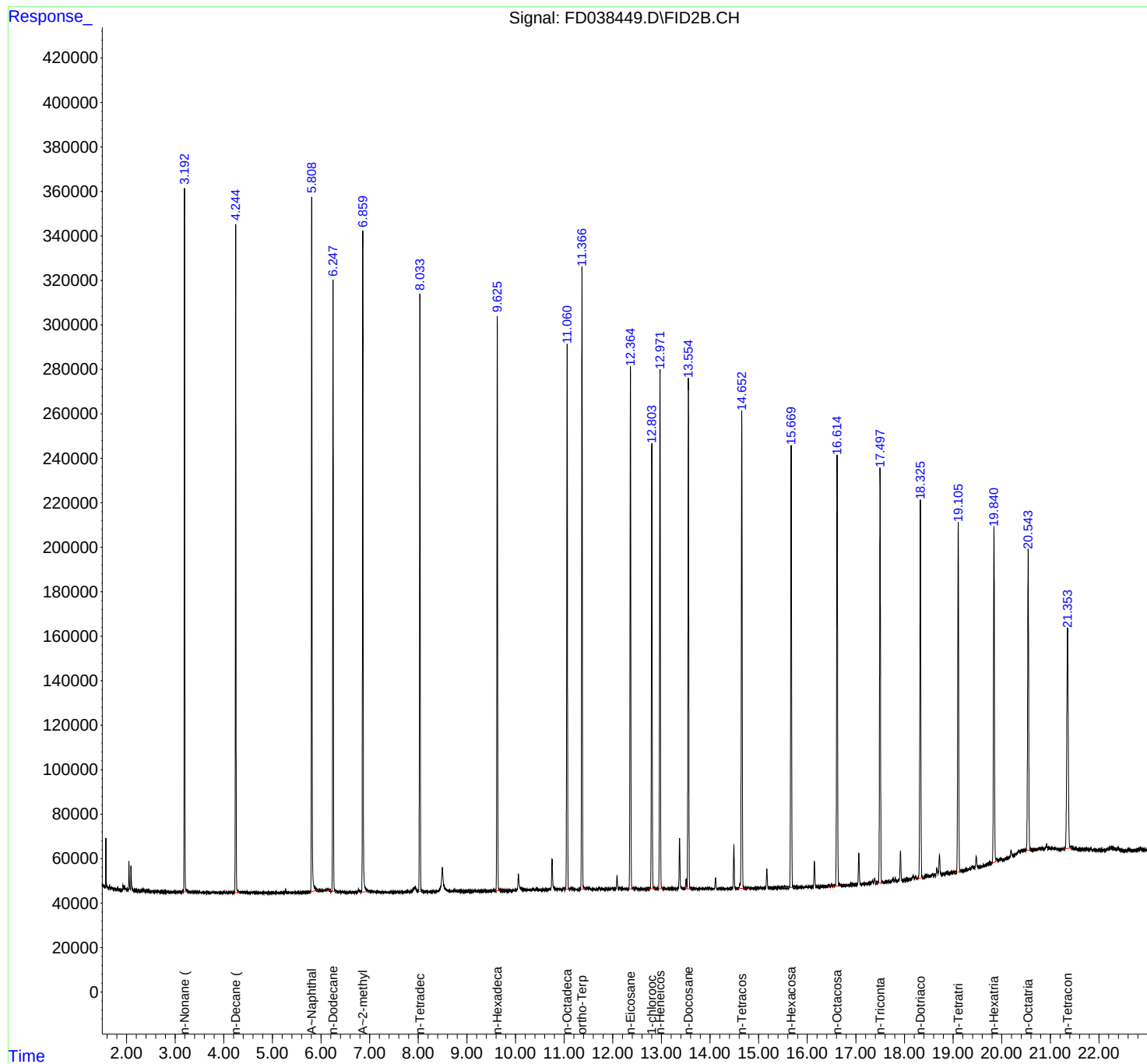
(f)=RT Delta > 1/2 Window

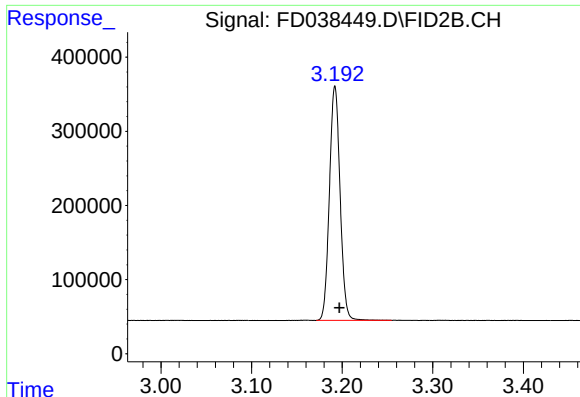
(m)=manual int.

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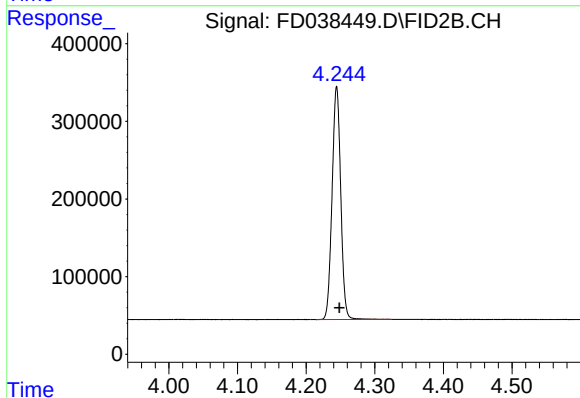
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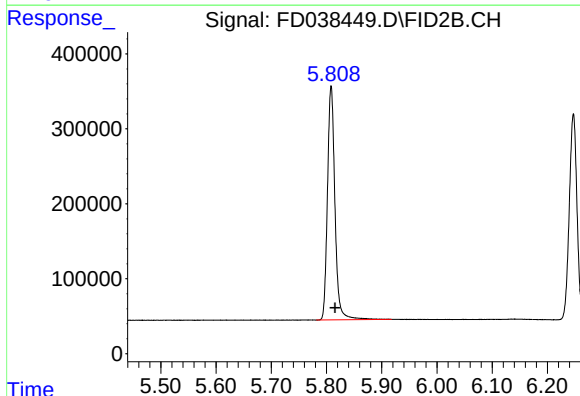
#1 n-Nonane (C9)

R.T.: 3.192 min
Delta R.T.: -0.005 min
Response: 2582524
Conc: 22.00 ug/ml



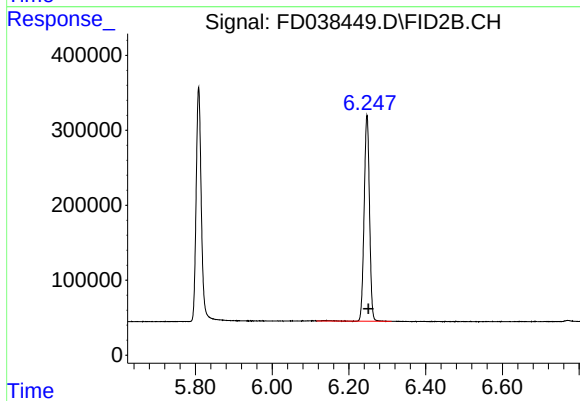
#2 n-Decane (C10)

R.T.: 4.245 min
Delta R.T.: -0.004 min
Response: 2633155
Conc: 22.33 ug/ml



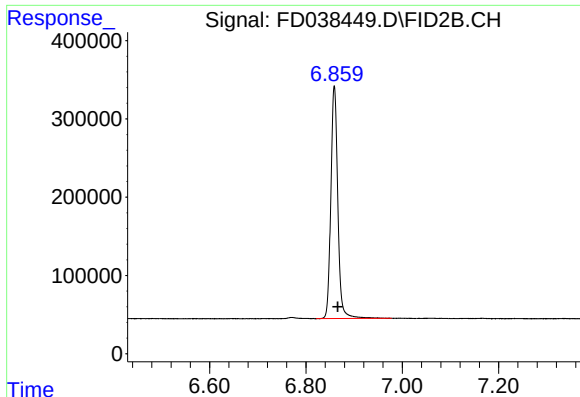
#3 A~Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.007 min
Response: 2933967
Conc: 22.48 ug/ml



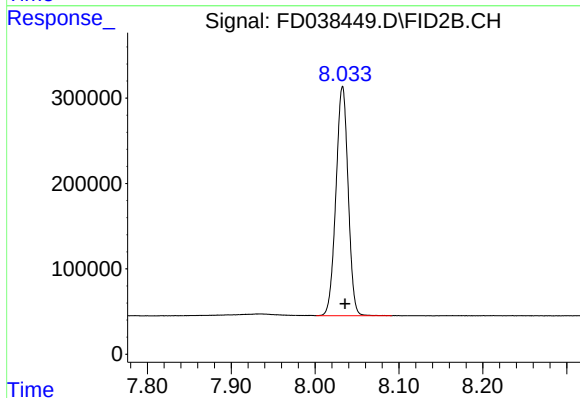
#4 n-Dodecane (C12)

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 2665867
Conc: 22.45 ug/ml



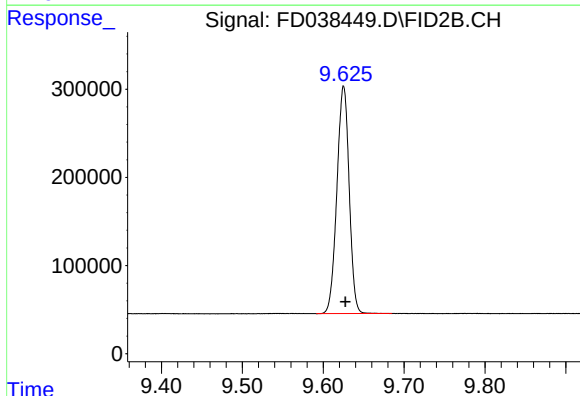
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.007 min
Response: 2970323
Conc: 22.70 ug/ml



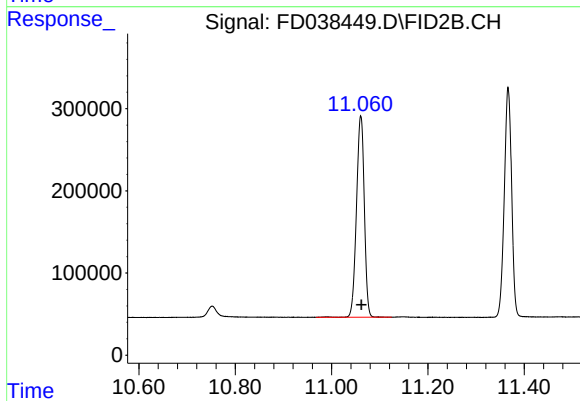
#6 n-Tetradecane (C14)

R.T.: 8.033 min
Delta R.T.: -0.003 min
Response: 2713971
Conc: 22.33 ug/ml



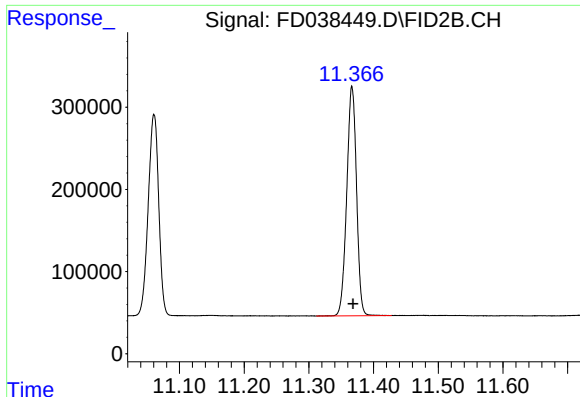
#7 n-Hexadecane (C16)

R.T.: 9.625 min
Delta R.T.: -0.003 min
Response: 2719462
Conc: 22.25 ug/ml



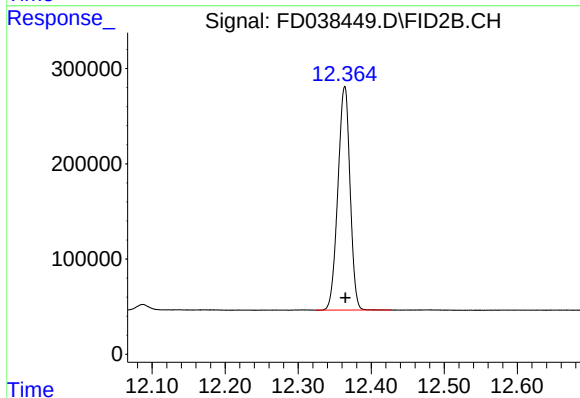
#8 n-Octadecane (C18)

R.T.: 11.061 min
Delta R.T.: -0.001 min
Response: 2776024
Conc: 22.05 ug/ml



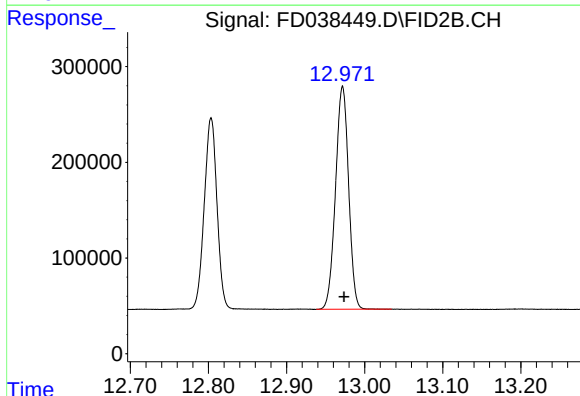
#9 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: -0.001 min
Response: 2928849
Conc: 21.46 ug/ml



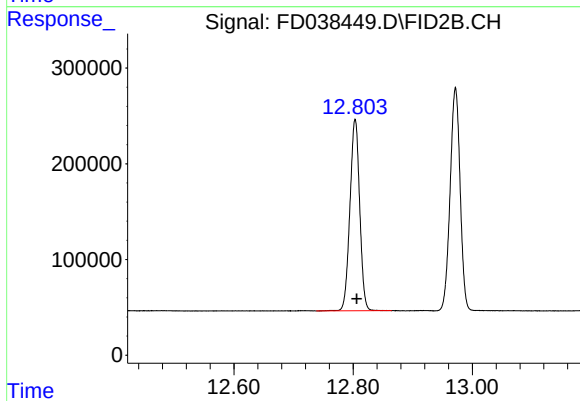
#10 n-Eicosane (C20)

R.T.: 12.364 min
Delta R.T.: 0.000 min
Response: 2717859
Conc: 21.56 ug/ml



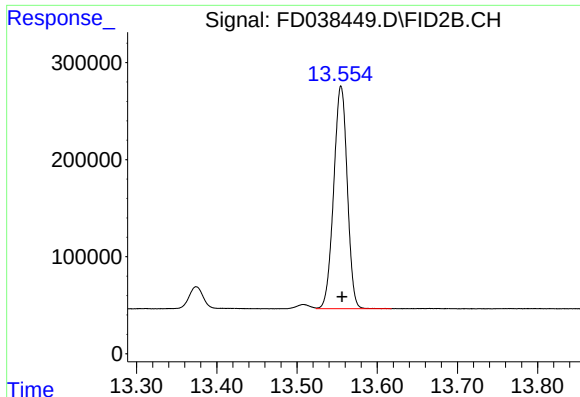
#11 n-Heneicosane (C21)

R.T.: 12.972 min
Delta R.T.: -0.002 min
Response: 2712759
Conc: 21.25 ug/ml



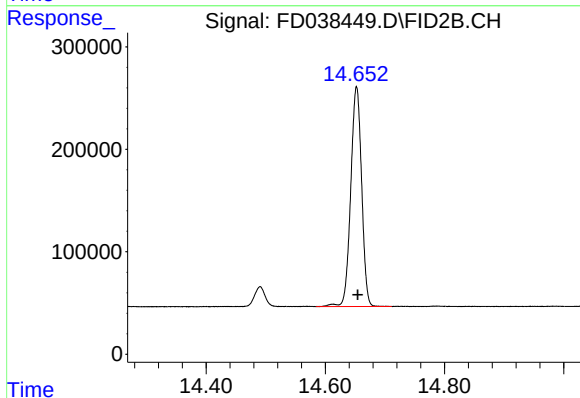
#12 1-chlorooctadecane (SURR)

R.T.: 12.803 min
Delta R.T.: -0.002 min
Response: 2274357
Conc: 21.15 ug/ml



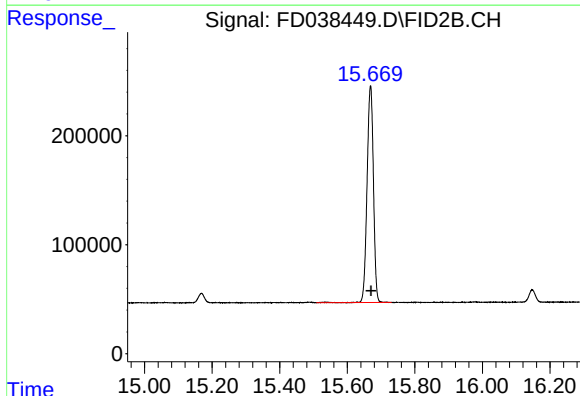
#13 n-Docosane (C22)

R.T.: 13.555 min
Delta R.T.: -0.002 min
Response: 2698936
Conc: 21.20 ug/ml



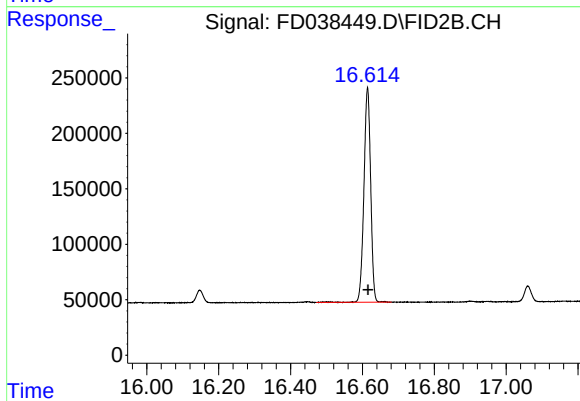
#14 n-Tetracosane (C24)

R.T.: 14.652 min
Delta R.T.: -0.002 min
Response: 2720482
Conc: 21.15 ug/ml



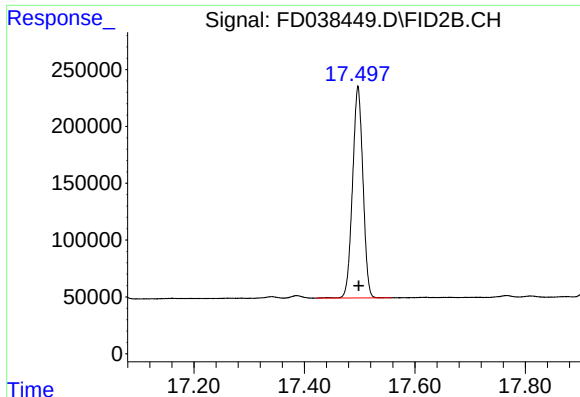
#15 n-Hexacosane (C26)

R.T.: 15.669 min
Delta R.T.: -0.002 min
Response: 2594023
Conc: 20.37 ug/ml



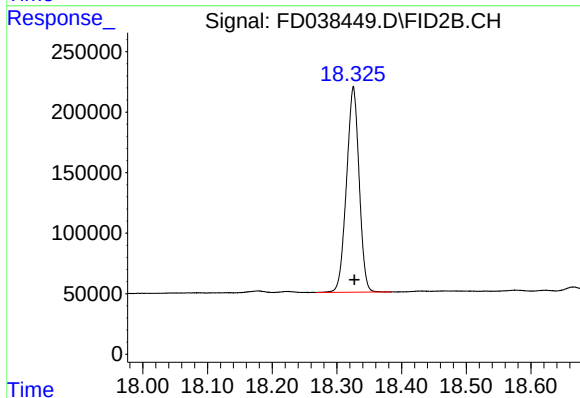
#16 n-Octacosane (C28)

R.T.: 16.614 min
Delta R.T.: -0.002 min
Response: 2526128
Conc: 19.80 ug/ml



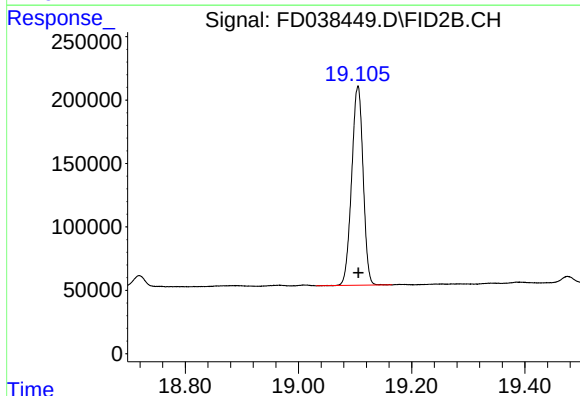
#17 n-Tricontane (C30)

R.T.: 17.497 min
Delta R.T.: -0.001 min
Response: 2431808
Conc: 19.19 ug/ml



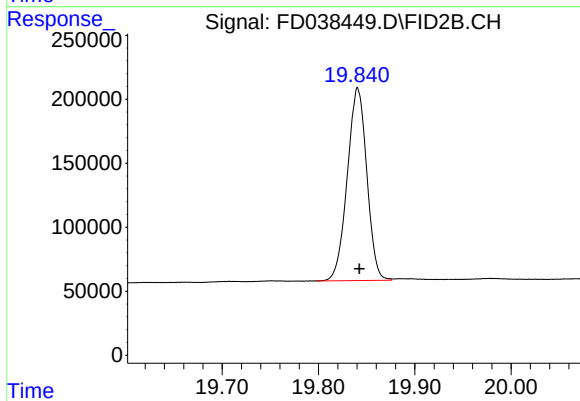
#18 n-Dotriacontane (C32)

R.T.: 18.325 min
Delta R.T.: -0.002 min
Response: 2300640
Conc: 18.72 ug/ml



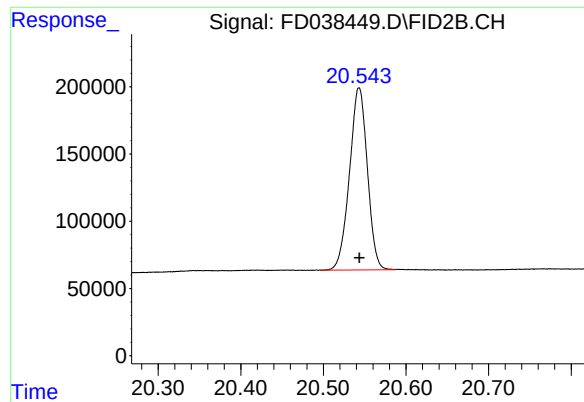
#19 n-Tetratriacontane (C34)

R.T.: 19.105 min
Delta R.T.: 0.000 min
Response: 2201259
Conc: 18.44 ug/ml



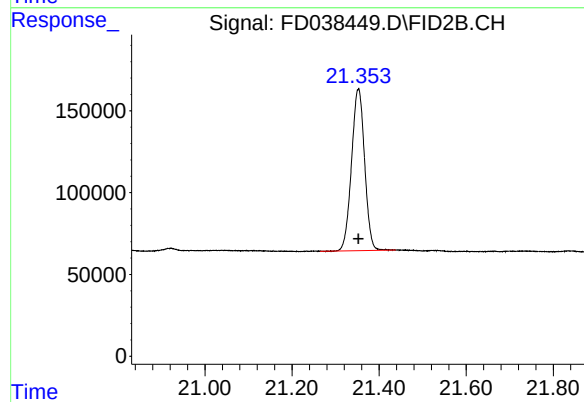
#20 n-Hexatriacontane (C36)

R.T.: 19.840 min
Delta R.T.: -0.002 min
Response: 2118993
Conc: 19.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.543 min
Delta R.T.: 0.000 min
Response: 2038749
Conc: 19.72 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.352 min
Delta R.T.: 0.000 min
Response: 2056094
Conc: 20.49 ug/ml