

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042522AL\
 Data File : FD042060.D
 Signal(s) : FID2B.CH
 Acq On : 25 Apr 2022 9:47
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 25 13:58:01 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)	11.205	3689026	21.997 ug/ml
Spiked Amount 50.000		Recovery =	43.99%
12) S 1-chlorooctadecane (S...	12.643	2886744	21.876 ug/ml
Spiked Amount 50.000		Recovery =	43.75%
Target Compounds			
1) T n-Nonane (C9)	3.078	3071722	22.536 ug/ml
2) T n-Decane (C10)	4.122	3079539	22.979 ug/ml
3) T A~Naphthalene (C11.7)	5.670	3276697	22.605 ug/ml
4) T n-Dodecane (C12)	6.115	3187376	22.389 ug/ml
5) T A~2-methylnaphthalene...	6.715	3233265	23.202 ug/ml
6) T n-Tetradecane (C14)	7.890	3209718	22.533 ug/ml
7) T n-Hexadecane (C16)	9.477	3247047	22.344 ug/ml
8) T n-Octadecane (C18)	10.907	3317088	22.132 ug/ml
10) T n-Eicosane (C20)	12.206	3334016	21.782 ug/ml
11) T n-Heneicosane (C21)	12.814	3343380	21.687 ug/ml
13) T n-Docosane (C22)	13.396	3396250	22.033 ug/ml
14) T n-Tetracosane (C24)	14.491	3467741	22.423 ug/ml
15) T n-Hexacosane (C26)	15.506	3448623	22.420 ug/ml
16) T n-Octacosane (C28)	16.448	3452892	22.584 ug/ml
17) T n-Tricontane (C30)	17.331	3352220	22.349 ug/ml
18) T n-Dotriacontane (C32)	18.159	3084999	21.818 ug/ml
19) T n-Tetratriacontane (C34)	18.936	2753657	21.397 ug/ml
20) T n-Hexatriacontane (C36)	19.672	2433569	21.505 ug/ml
21) T n-Octatriacontane (C38)	20.368	2248053	22.531 ug/ml
22) T n-Tetracontane (C40)	21.138	2172583	24.087 ug/ml

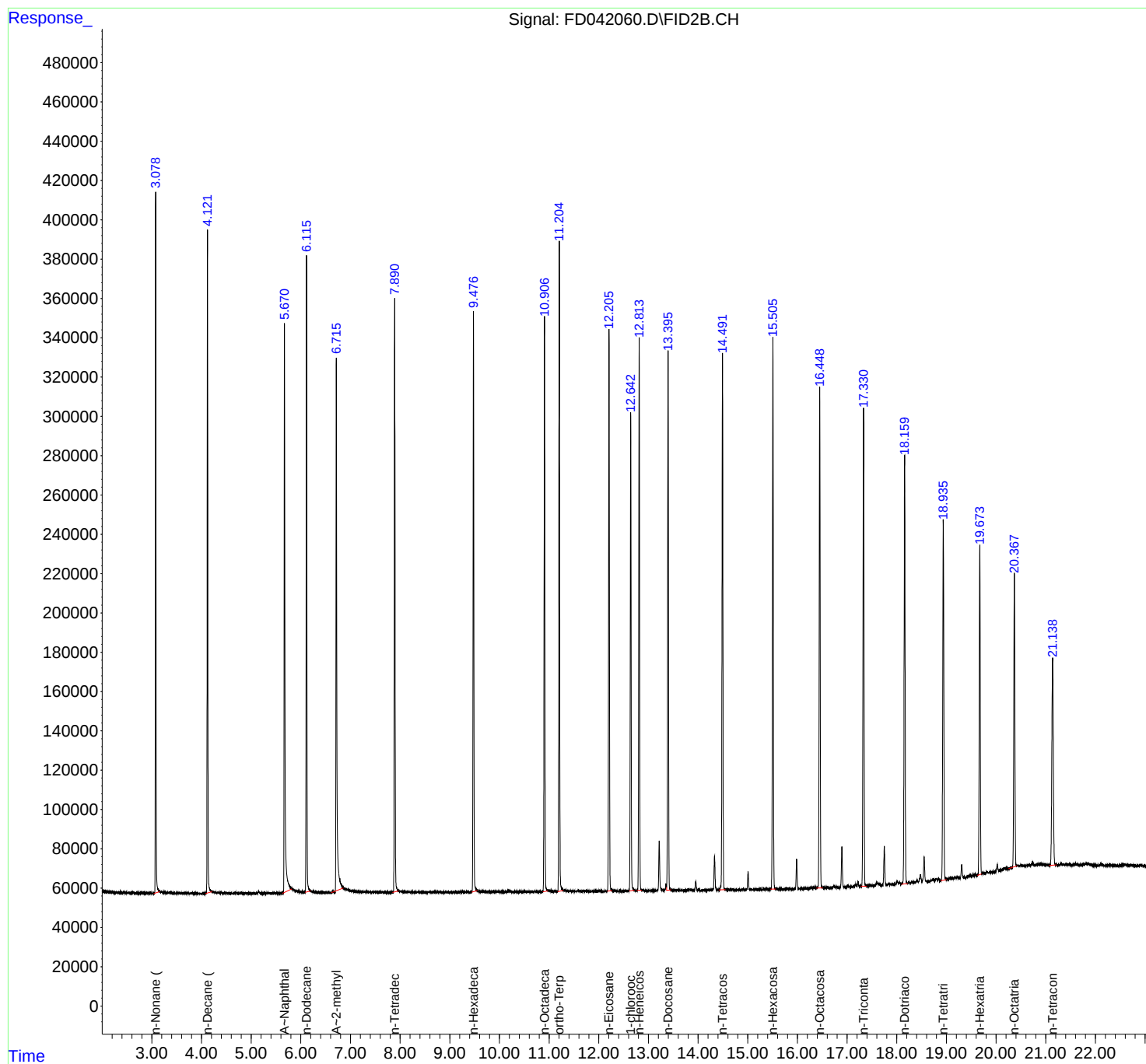
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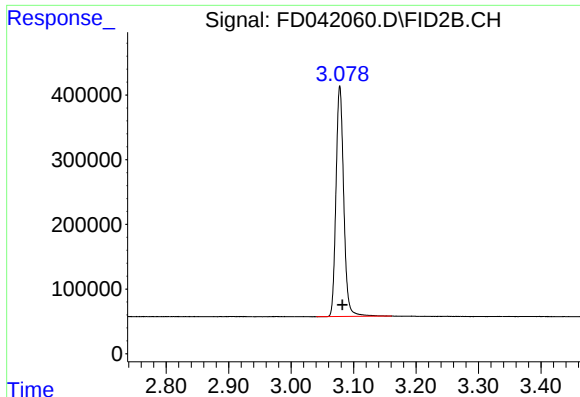
(m)=manual int.

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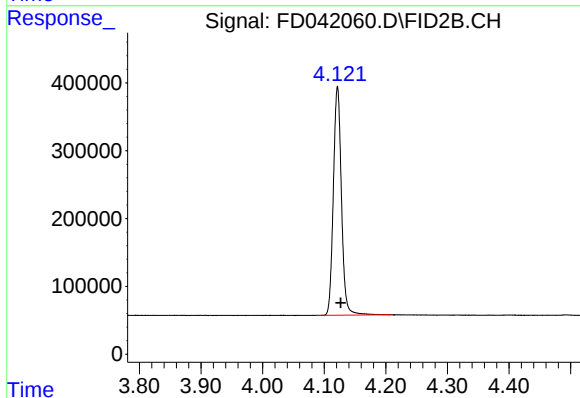
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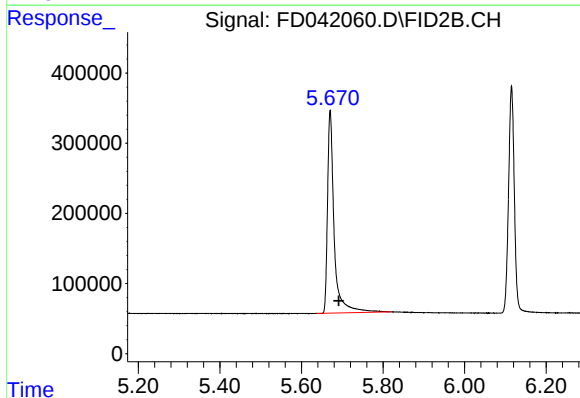
#1 n-Nonane (C9)

R.T.: 3.078 min
Delta R.T.: -0.004 min
Response: 3071722
Conc: 22.54 ug/ml



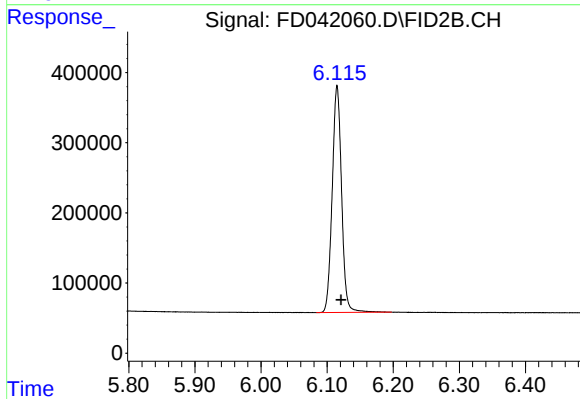
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: -0.005 min
Response: 3079539
Conc: 22.98 ug/ml



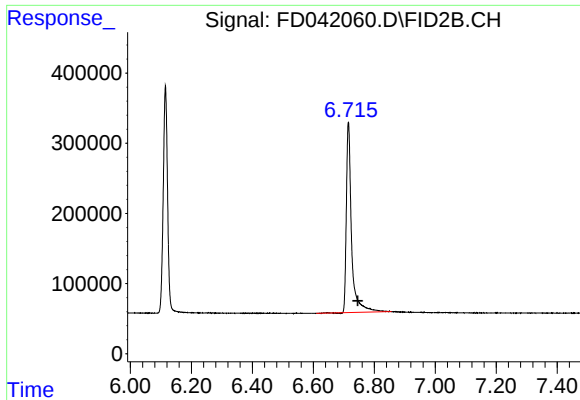
#3 A~Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.021 min
Response: 3276697
Conc: 22.61 ug/ml



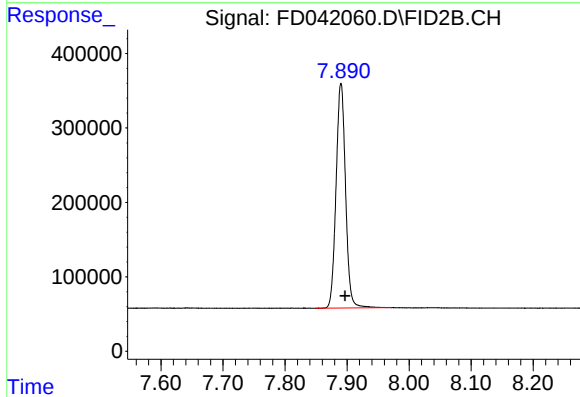
#4 n-Dodecane (C12)

R.T.: 6.115 min
Delta R.T.: -0.006 min
Response: 3187376
Conc: 22.39 ug/ml



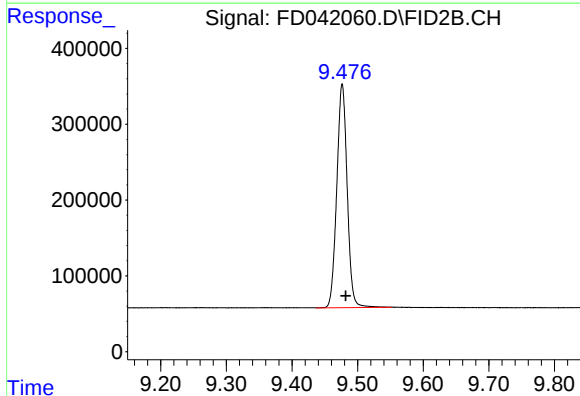
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.715 min
Delta R.T.: -0.031 min
Response: 3233265
Conc: 23.20 ug/ml



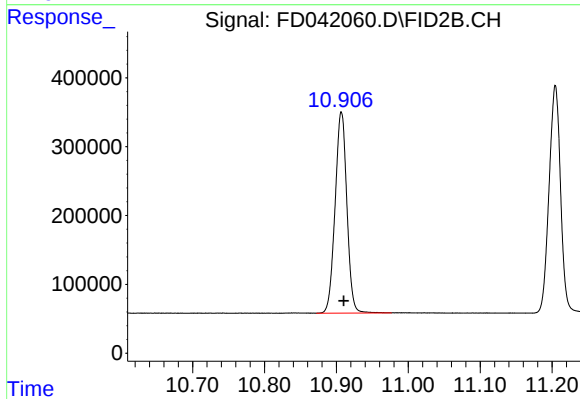
#6 n-Tetradecane (C14)

R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 3209718
Conc: 22.53 ug/ml



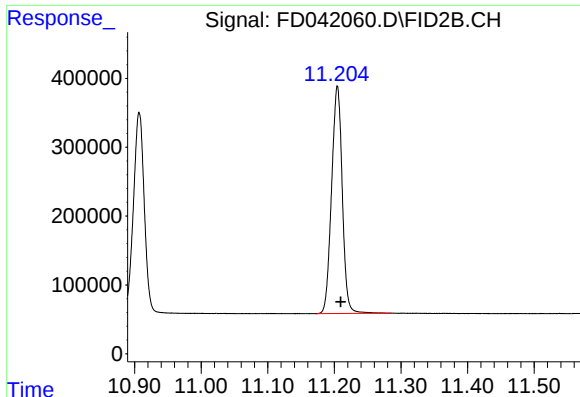
#7 n-Hexadecane (C16)

R.T.: 9.477 min
Delta R.T.: -0.006 min
Response: 3247047
Conc: 22.34 ug/ml



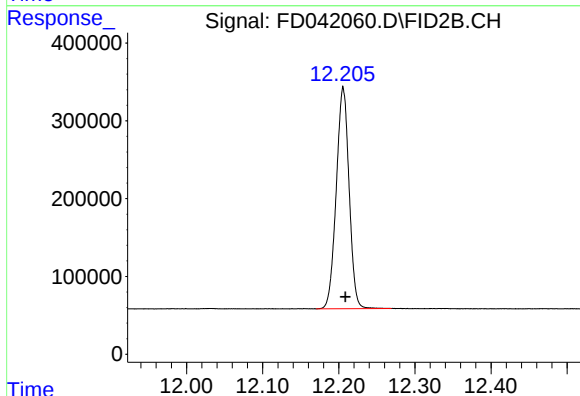
#8 n-Octadecane (C18)

R.T.: 10.907 min
Delta R.T.: -0.003 min
Response: 3317088
Conc: 22.13 ug/ml



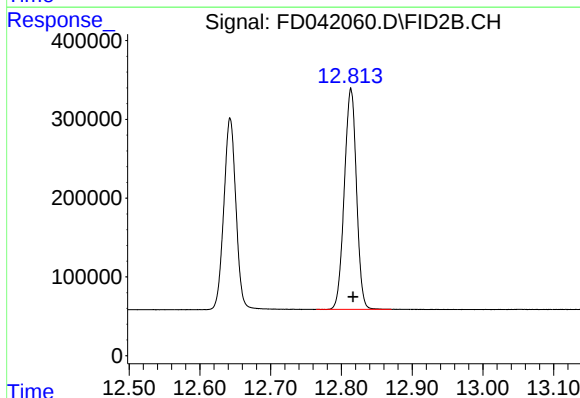
#9 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.005 min
Response: 3689026
Conc: 22.00 ug/ml



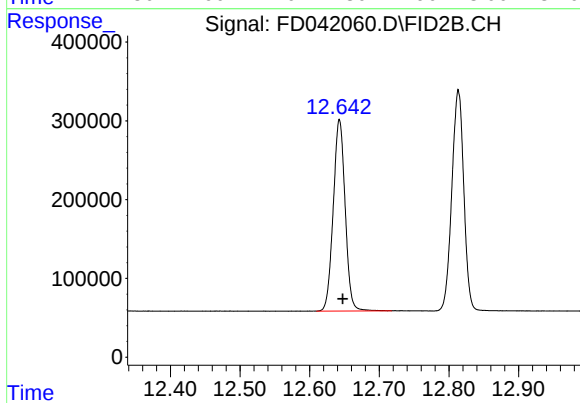
#10 n-Eicosane (C20)

R.T.: 12.206 min
Delta R.T.: -0.003 min
Response: 3334016
Conc: 21.78 ug/ml



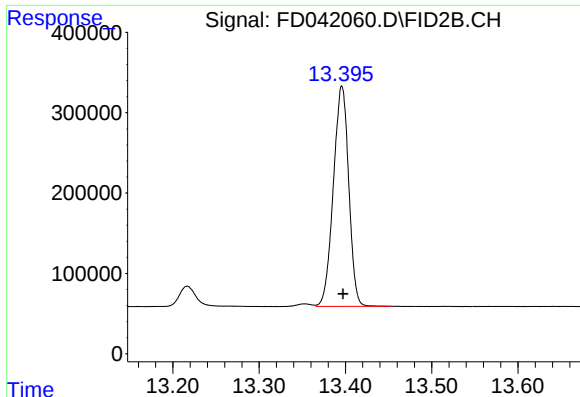
#11 n-Heneicosane (C21)

R.T.: 12.814 min
Delta R.T.: -0.003 min
Response: 3343380
Conc: 21.69 ug/ml



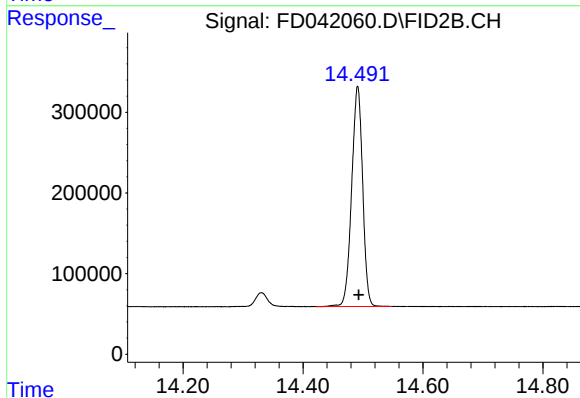
#12 1-chlorooctadecane (SURR)

R.T.: 12.643 min
Delta R.T.: -0.005 min
Response: 2886744
Conc: 21.88 ug/ml



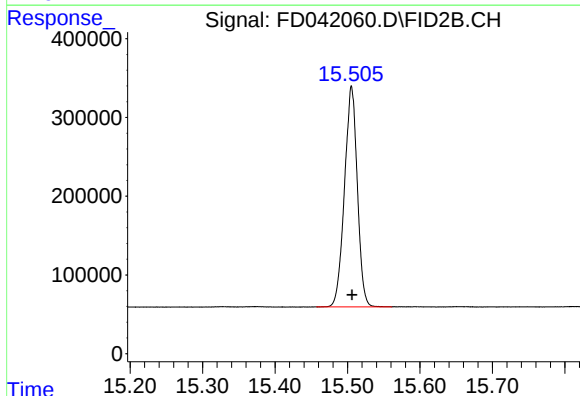
#13 n-Docosane (C22)

R.T.: 13.396 min
Delta R.T.: -0.002 min
Response: 3396250
Conc: 22.03 ug/ml



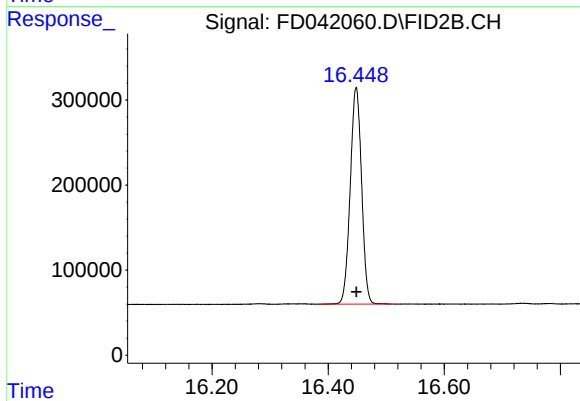
#14 n-Tetracosane (C24)

R.T.: 14.491 min
Delta R.T.: -0.002 min
Response: 3467741
Conc: 22.42 ug/ml



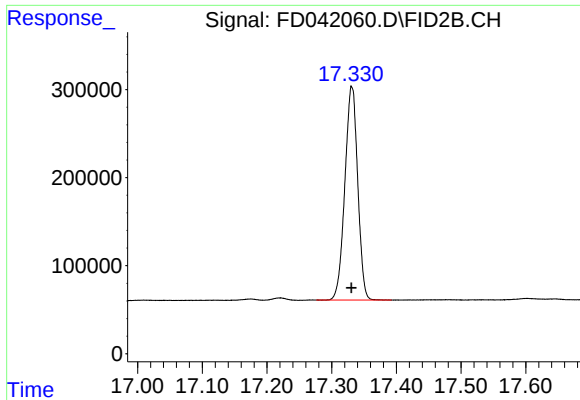
#15 n-Hexacosane (C26)

R.T.: 15.506 min
Delta R.T.: 0.000 min
Response: 3448623
Conc: 22.42 ug/ml



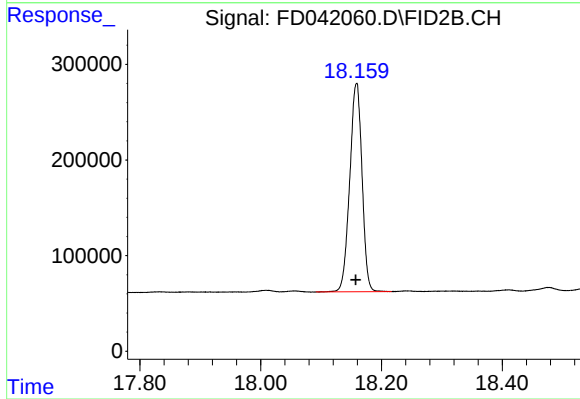
#16 n-Octacosane (C28)

R.T.: 16.448 min
Delta R.T.: 0.000 min
Response: 3452892
Conc: 22.58 ug/ml



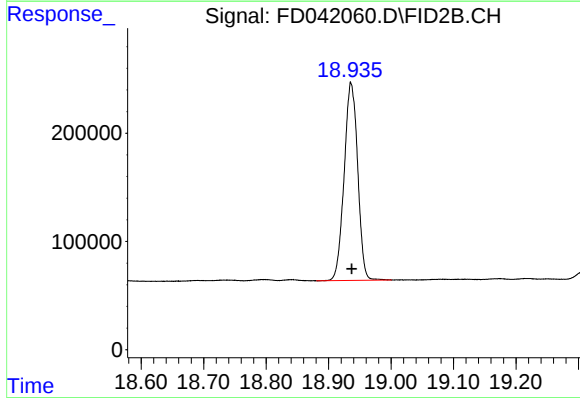
#17 n-Tricontane (C30)

R.T.: 17.331 min
Delta R.T.: 0.000 min
Response: 3352220
Conc: 22.35 ug/ml



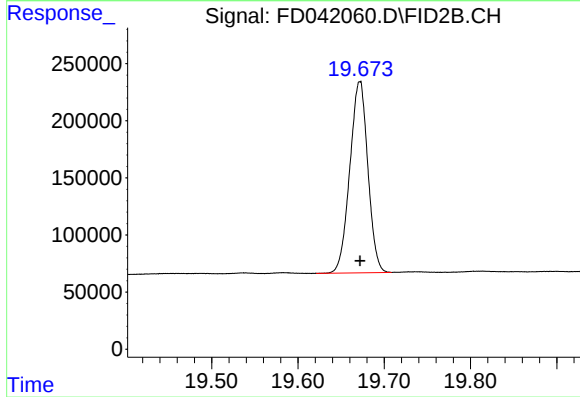
#18 n-Dotriacontane (C32)

R.T.: 18.159 min
Delta R.T.: 0.001 min
Response: 3084999
Conc: 21.82 ug/ml



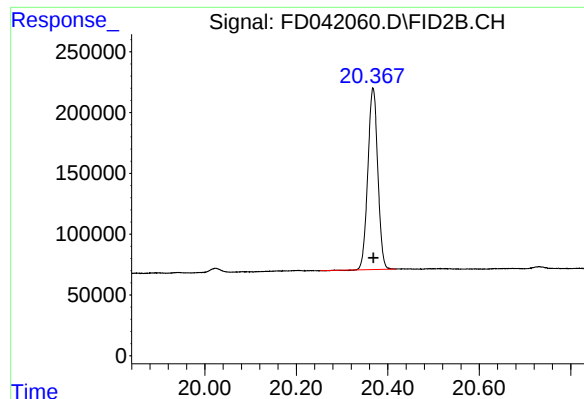
#19 n-Tetratriacontane (C34)

R.T.: 18.936 min
Delta R.T.: -0.001 min
Response: 2753657
Conc: 21.40 ug/ml



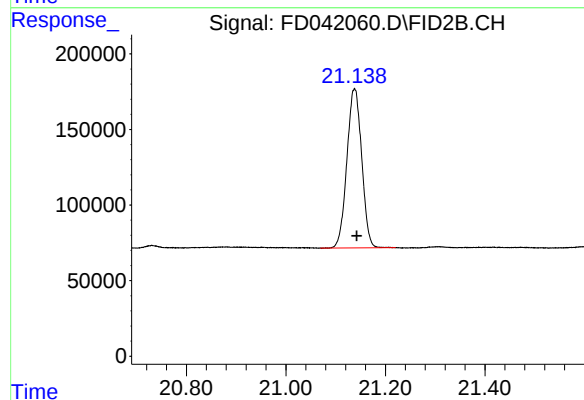
#20 n-Hexatriacontane (C36)

R.T.: 19.672 min
Delta R.T.: 0.000 min
Response: 2433569
Conc: 21.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.368 min
Delta R.T.: 0.000 min
Response: 2248053
Conc: 22.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.138 min
Delta R.T.: -0.004 min
Response: 2172583
Conc: 24.09 ug/ml