

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042522AL\
 Data File : FD042097.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2022 9:51
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 26 13:59:32 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	3388696	20.206 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	12.647	2618901	19.846 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
Target Compounds			
1) T n-Nonane (C9)	3.078	2904260	21.307 ug/ml
2) T n-Decane (C10)	4.123	2899440	21.635 ug/ml
3) T A~Naphthalene (C11.7)	5.672	3076402	21.223 ug/ml
4) T n-Dodecane (C12)	6.118	2992141	21.017 ug/ml
5) T A~2-methylnaphthalene...	6.718	3032972	21.765 ug/ml
6) T n-Tetradecane (C14)	7.893	2987595	20.974 ug/ml
7) T n-Hexadecane (C16)	9.480	3020322	20.784 ug/ml
8) T n-Octadecane (C18)	10.909	3056746	20.395 ug/ml
10) T n-Eicosane (C20)	12.209	3046707	19.905 ug/ml
11) T n-Heneicosane (C21)	12.817	3042596	19.736 ug/ml
13) T n-Docosane (C22)	13.398	3073317	19.938 ug/ml
14) T n-Tetracosane (C24)	14.494	3101989	20.058 ug/ml
15) T n-Hexacosane (C26)	15.508	3045103	19.797 ug/ml
16) T n-Octacosane (C28)	16.452	3017442	19.736 ug/ml
17) T n-Tricontane (C30)	17.333	2943576	19.624 ug/ml
18) T n-Dotriacontane (C32)	18.161	2747793	19.433 ug/ml
19) T n-Tetratriacontane (C34)	18.940	2484033	19.302 ug/ml
20) T n-Hexatriacontane (C36)	19.675	2260027	19.972 ug/ml
21) T n-Octatriacontane (C38)	20.371	2122781	21.275 ug/mlm
22) T n-Tetracontane (C40)	21.144	2093553	23.210 ug/ml

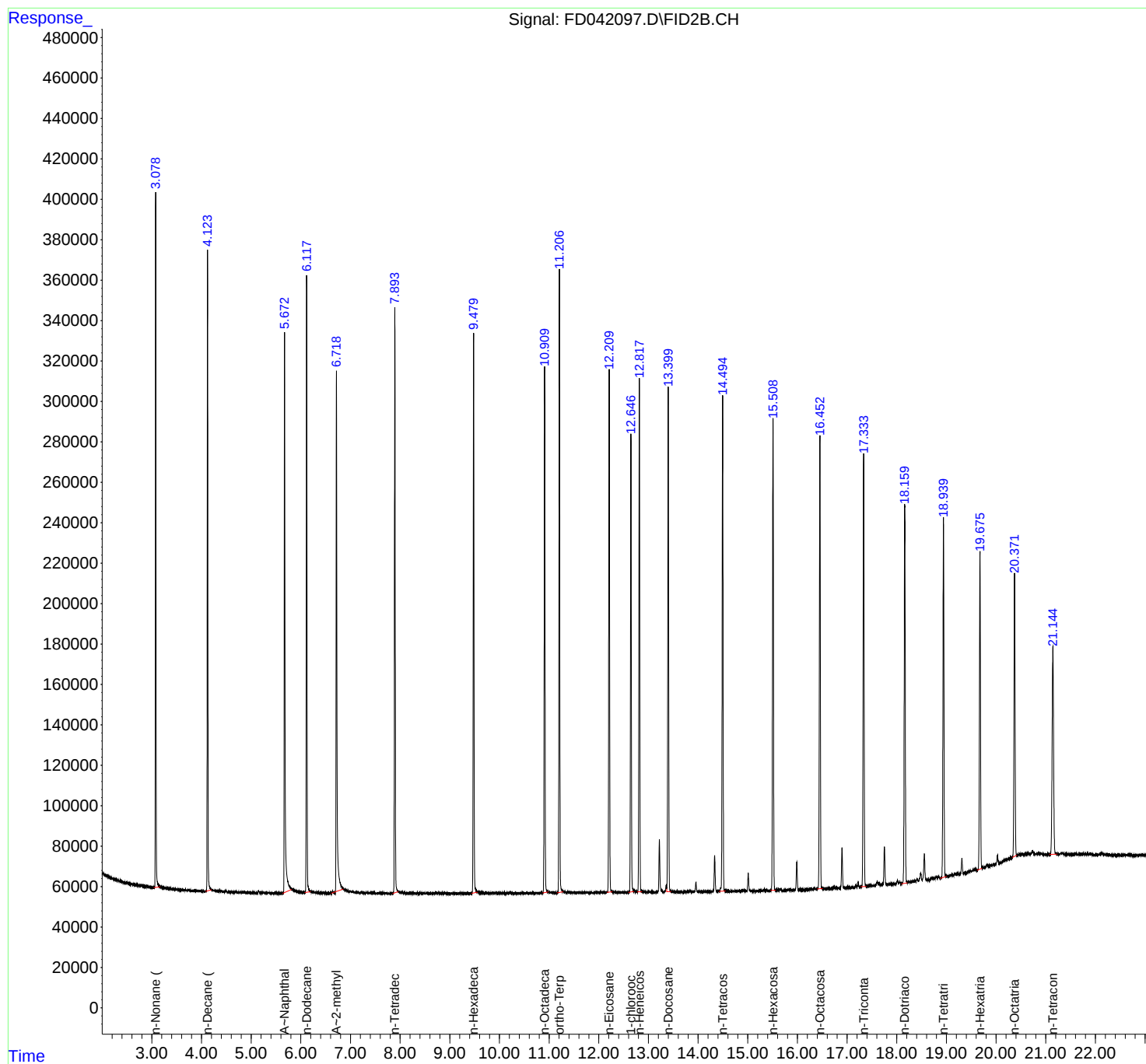
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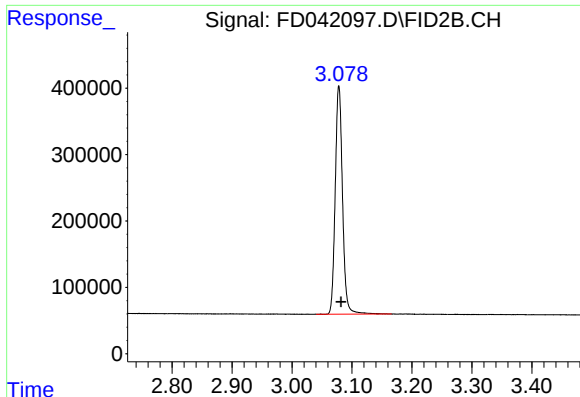
(m)=manual int.

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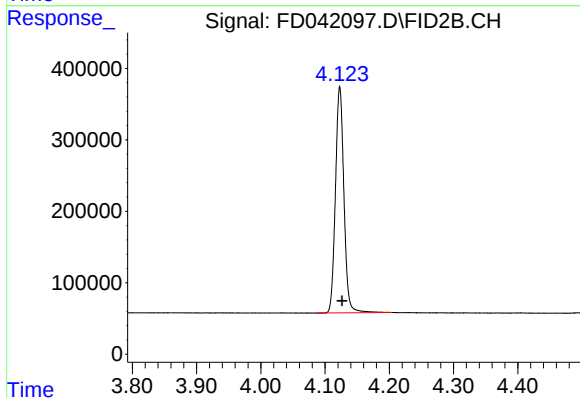
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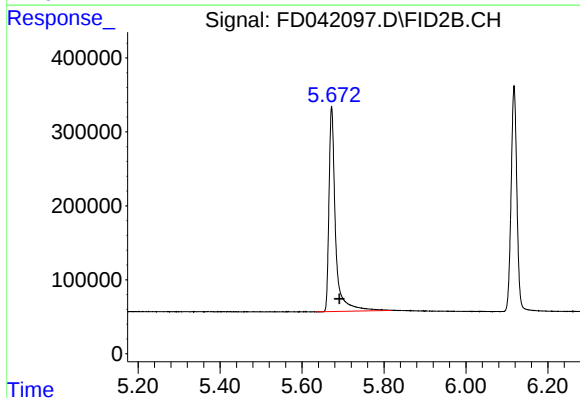
#1 n-Nonane (C9)

R.T.: 3.078 min
Delta R.T.: -0.004 min
Response: 2904260
Conc: 21.31 ug/ml



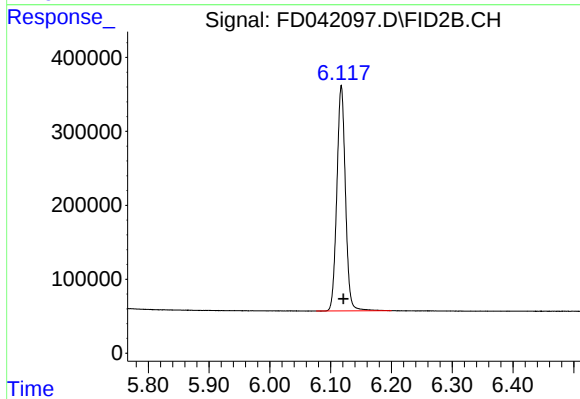
#2 n-Decane (C10)

R.T.: 4.123 min
Delta R.T.: -0.004 min
Response: 2899440
Conc: 21.64 ug/ml



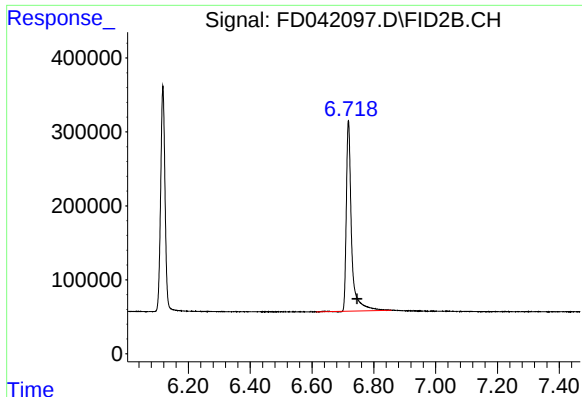
#3 A~Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.019 min
Response: 3076402
Conc: 21.22 ug/ml



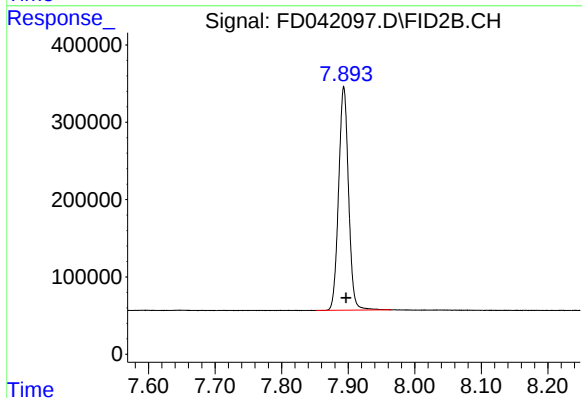
#4 n-Dodecane (C12)

R.T.: 6.118 min
Delta R.T.: -0.004 min
Response: 2992141
Conc: 21.02 ug/ml



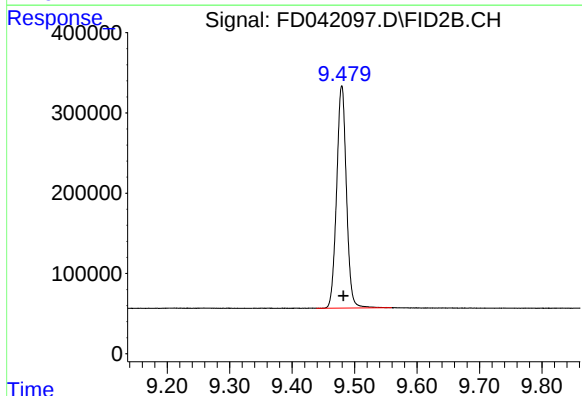
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.028 min
Response: 3032972
Conc: 21.76 ug/ml



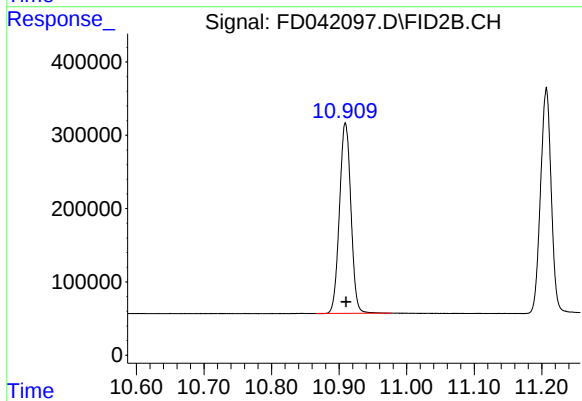
#6 n-Tetradecane (C14)

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 2987595
Conc: 20.97 ug/ml



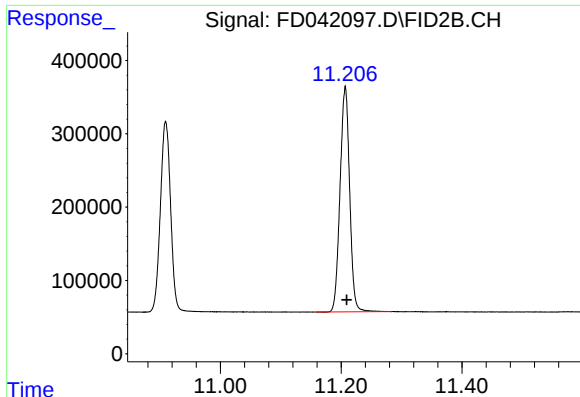
#7 n-Hexadecane (C16)

R.T.: 9.480 min
Delta R.T.: -0.003 min
Response: 3020322
Conc: 20.78 ug/ml



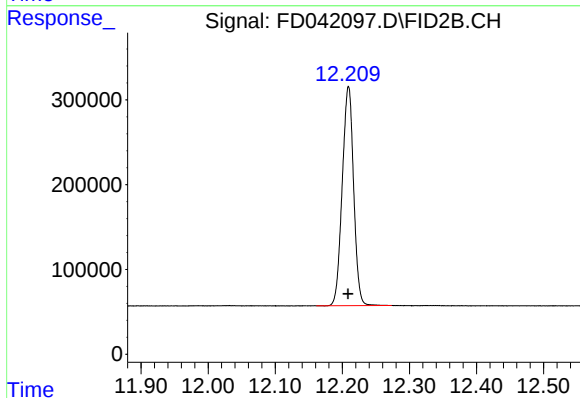
#8 n-Octadecane (C18)

R.T.: 10.909 min
Delta R.T.: -0.001 min
Response: 3056746
Conc: 20.40 ug/ml



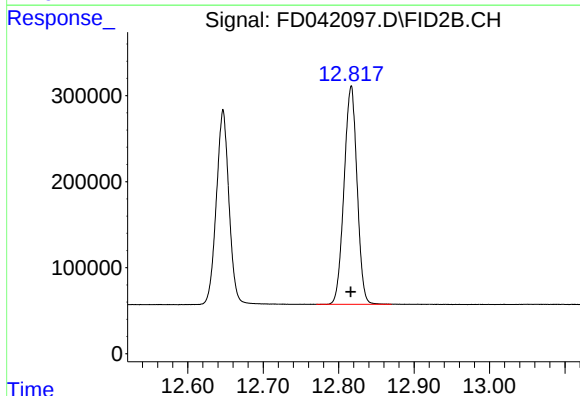
#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: -0.003 min
Response: 3388696
Conc: 20.21 ug/ml



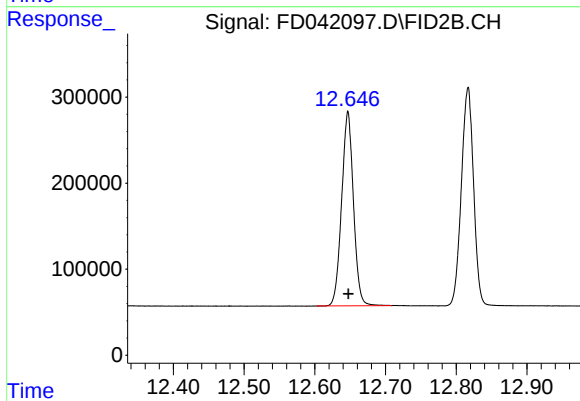
#10 n-Eicosane (C20)

R.T.: 12.209 min
Delta R.T.: 0.000 min
Response: 3046707
Conc: 19.90 ug/ml



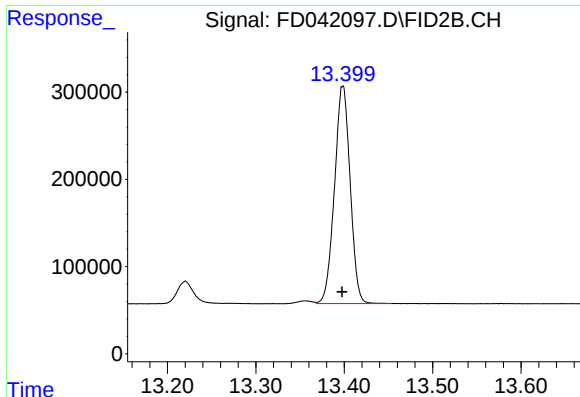
#11 n-Heneicosane (C21)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 3042596
Conc: 19.74 ug/ml



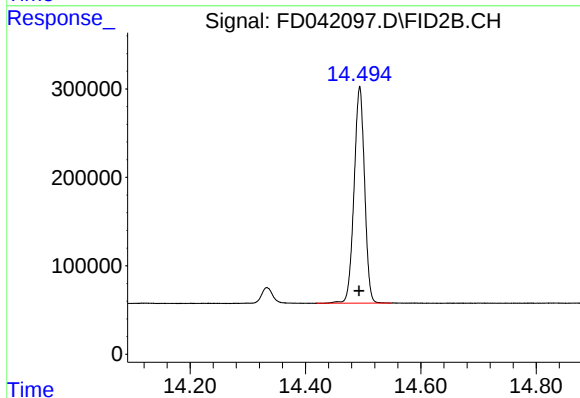
#12 1-chlorooctadecane (SURR)

R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 2618901
Conc: 19.85 ug/ml



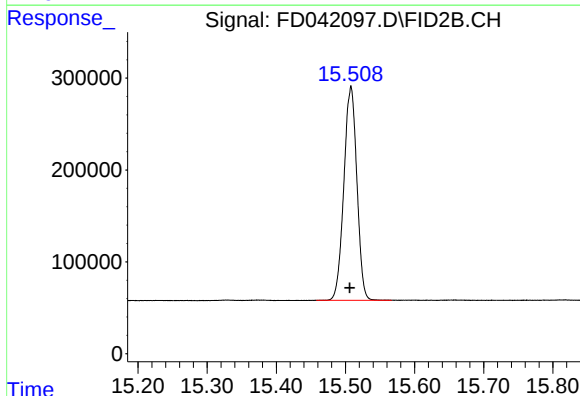
#13 n-Docosane (C22)

R.T.: 13.398 min
Delta R.T.: 0.000 min
Response: 3073317
Conc: 19.94 ug/ml



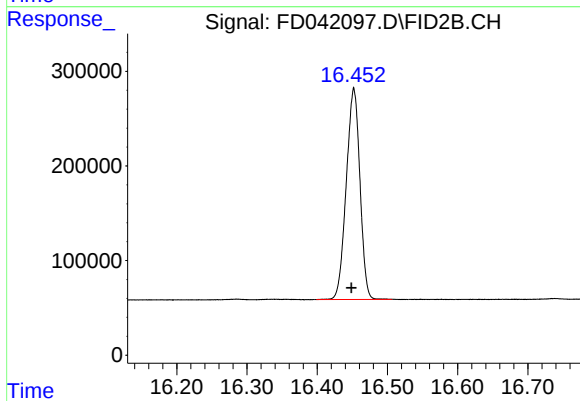
#14 n-Tetracosane (C24)

R.T.: 14.494 min
Delta R.T.: 0.001 min
Response: 3101989
Conc: 20.06 ug/ml



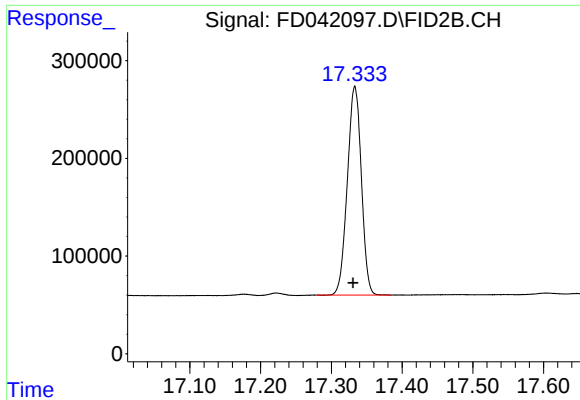
#15 n-Hexacosane (C26)

R.T.: 15.508 min
Delta R.T.: 0.002 min
Response: 3045103
Conc: 19.80 ug/ml



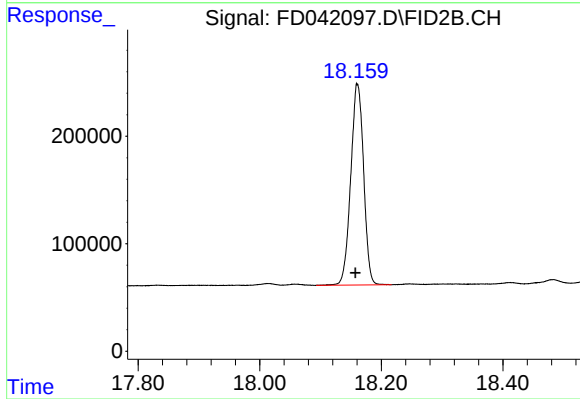
#16 n-Octacosane (C28)

R.T.: 16.452 min
Delta R.T.: 0.003 min
Response: 3017442
Conc: 19.74 ug/ml



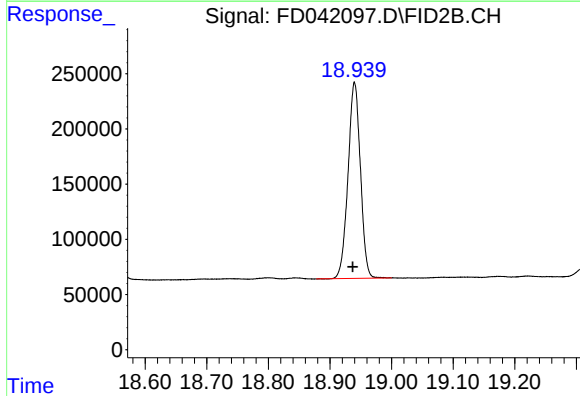
#17 n-Tricontane (C30)

R.T.: 17.333 min
Delta R.T.: 0.003 min
Response: 2943576
Conc: 19.62 ug/ml



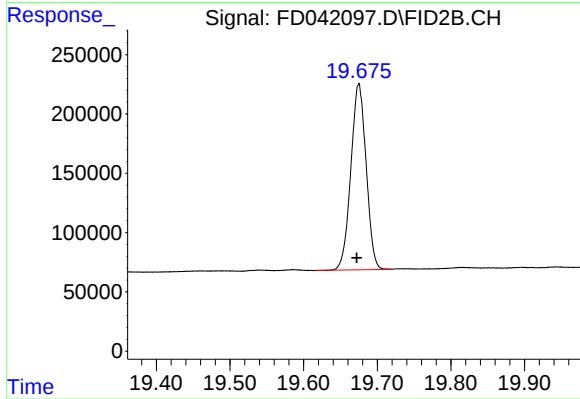
#18 n-Dotriacontane (C32)

R.T.: 18.161 min
Delta R.T.: 0.003 min
Response: 2747793
Conc: 19.43 ug/ml



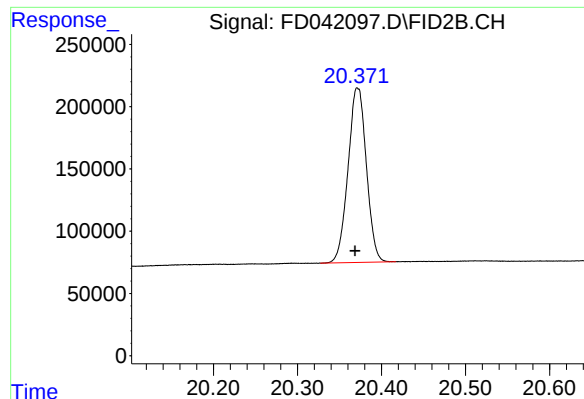
#19 n-Tetratriacontane (C34)

R.T.: 18.940 min
Delta R.T.: 0.003 min
Response: 2484033
Conc: 19.30 ug/ml



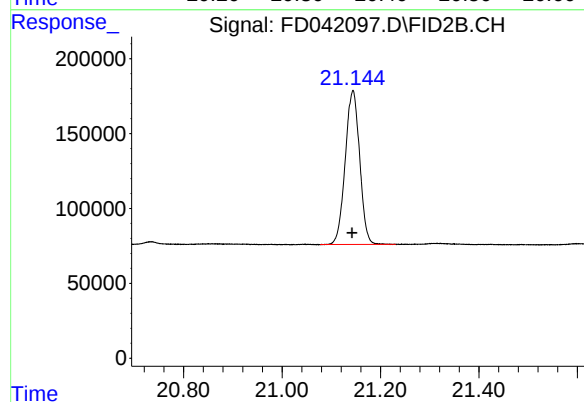
#20 n-Hexatriacontane (C36)

R.T.: 19.675 min
Delta R.T.: 0.003 min
Response: 2260027
Conc: 19.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.371 min
Delta R.T.: 0.002 min
Response: 2122781
Conc: 21.28 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.144 min
Delta R.T.: 0.002 min
Response: 2093553
Conc: 23.21 ug/ml