

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062122AL\
 Data File : FD042991.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jun 2022 12:16
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 22 01:15:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 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)	11.565	2965156	17.853 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
12) S 1-chlorooctadecane (S...	13.001	2296629	17.585 ug/ml
Spiked Amount 50.000		Recovery =	35.17%
Target Compounds			
1) T n-Nonane (C9)	3.334	2691805	19.431 ug/ml
2) T n-Decane (C10)	4.402	2671029	19.344 ug/ml
3) T A~Naphthalene (C11.7)	5.984	3037878	19.311 ug/ml
4) T n-Dodecane (C12)	6.419	2739217	19.330 ug/ml
5) T A~2-methylnaphthalene...	7.039	3089327	19.296 ug/ml
6) T n-Tetradecane (C14)	8.212	2768829	19.226 ug/ml
7) T n-Hexadecane (C16)	9.810	2804766	19.014 ug/ml
8) T n-Octadecane (C18)	11.250	2798587	18.593 ug/ml
10) T n-Eicosane (C20)	12.557	2717877	18.074 ug/ml
11) T n-Heneicosane (C21)	13.168	2686040	17.743 ug/ml
13) T n-Docosane (C22)	13.752	2631976	17.412 ug/ml
14) T n-Tetracosane (C24)	14.853	2518774	16.783 ug/ml
15) T n-Hexacosane (C26)	15.871	2402266	16.477 ug/ml
16) T n-Octacosane (C28)	16.818	2369317	16.988 ug/ml
17) T n-Tricontane (C30)	17.704	2310249	17.671 ug/ml
18) T n-Dotriacontane (C32)	18.536	2200743	18.639 ug/ml
19) T n-Tetratriacontane (C34)	19.318	2092742	19.687 ug/ml
20) T n-Hexatriacontane (C36)	20.056	2008340	20.540 ug/ml
21) T n-Octatriacontane (C38)	20.787	1979085	21.697 ug/ml
22) T n-Tetracontane (C40)	21.683	1991001	24.570 ug/ml

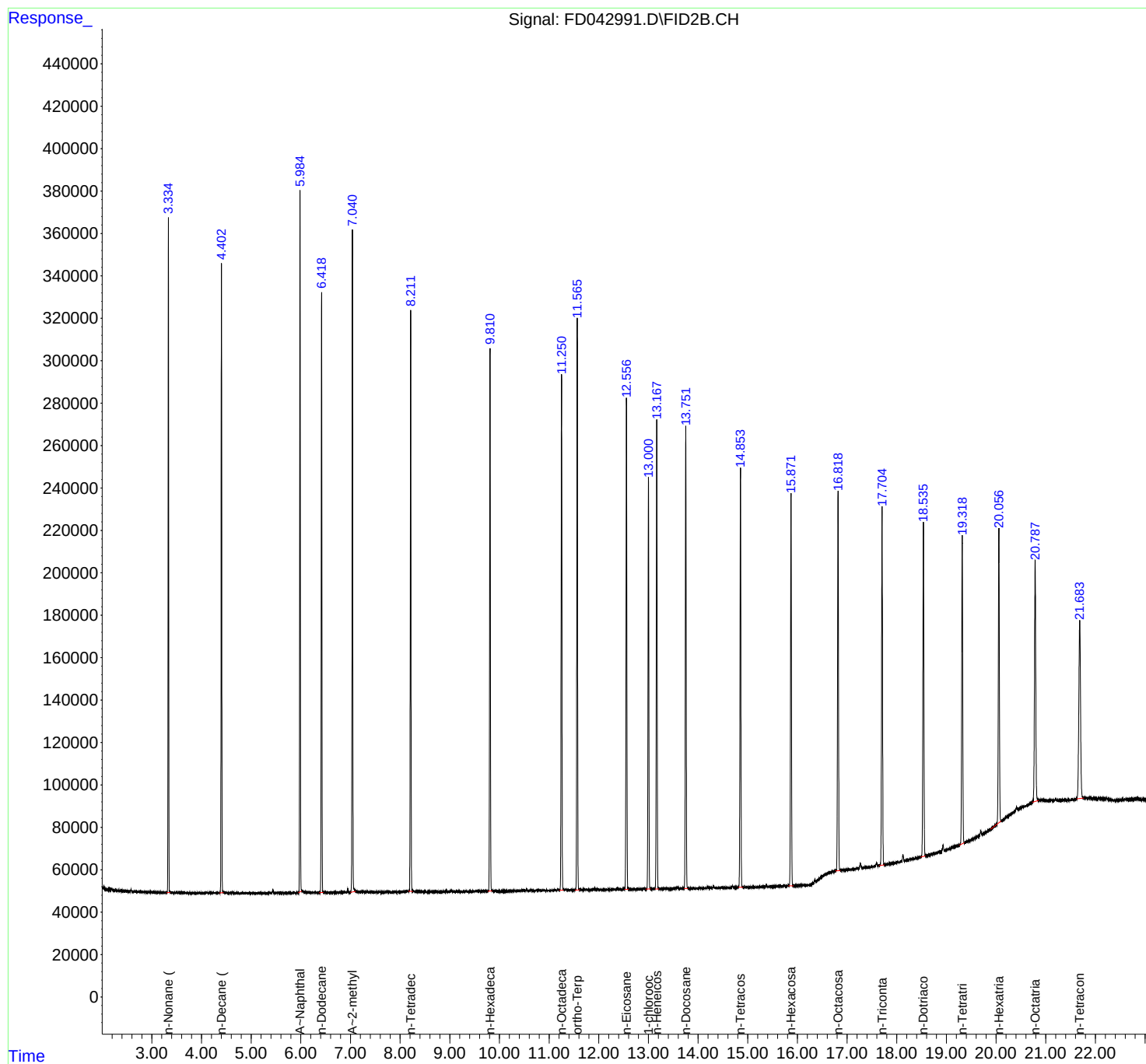
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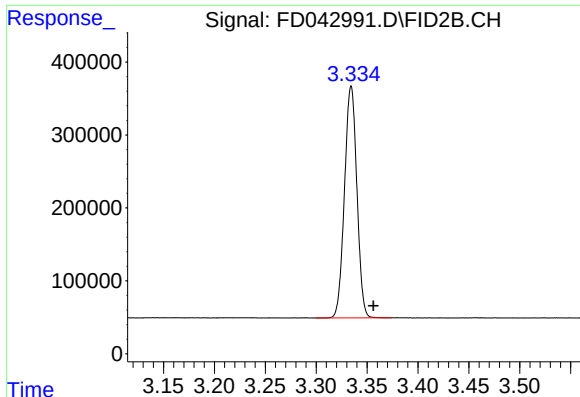
(m)=manual int.

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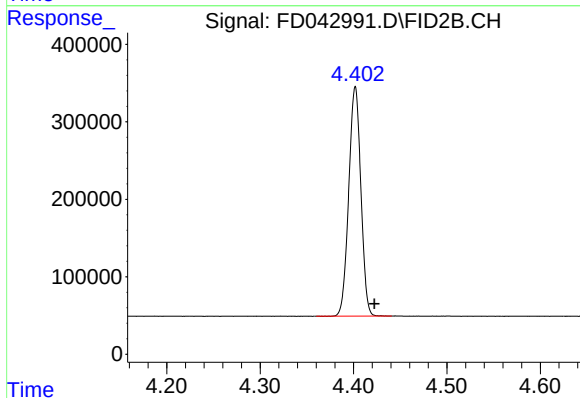
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





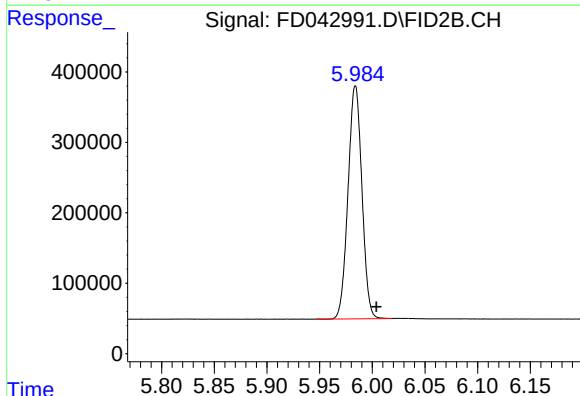
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.022 min
Response: 2691805
Conc: 19.43 ug/ml



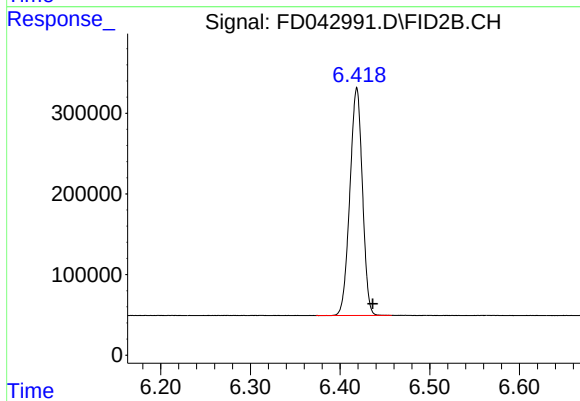
#2 n-Decane (C10)

R.T.: 4.402 min
Delta R.T.: -0.020 min
Response: 2671029
Conc: 19.34 ug/ml



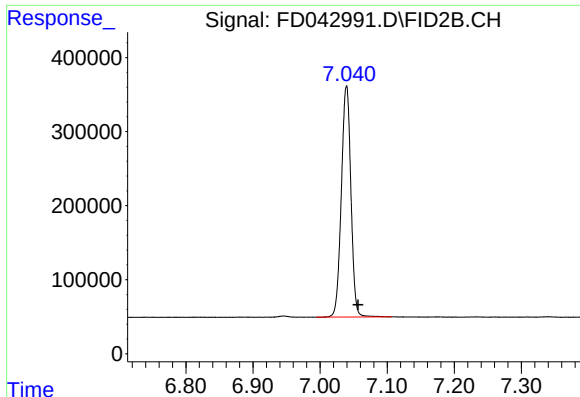
#3 A~Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: -0.020 min
Response: 3037878
Conc: 19.31 ug/ml



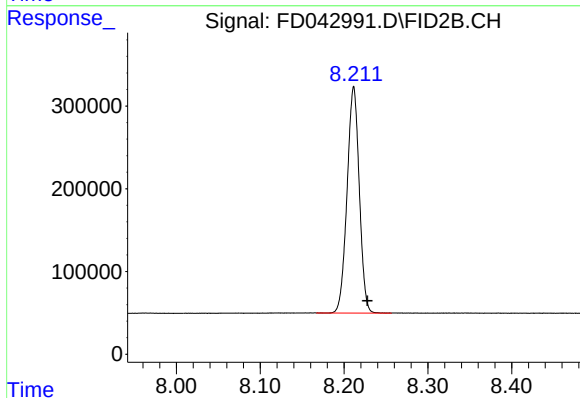
#4 n-Dodecane (C12)

R.T.: 6.419 min
Delta R.T.: -0.018 min
Response: 2739217
Conc: 19.33 ug/ml



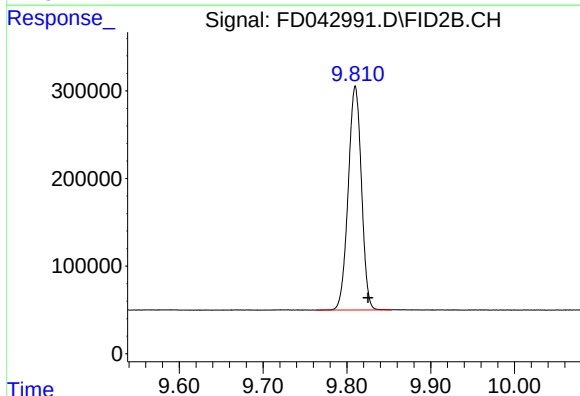
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: -0.017 min
Response: 3089327
Conc: 19.30 ug/ml



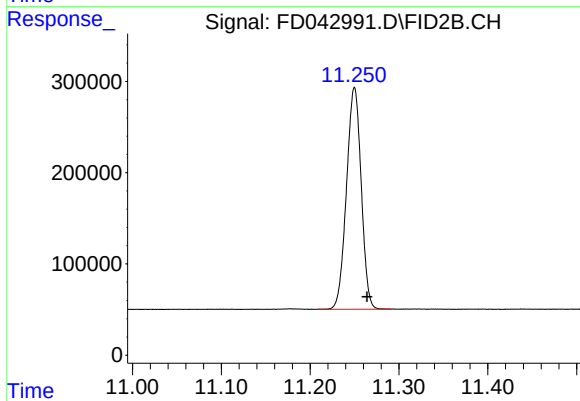
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: -0.016 min
Response: 2768829
Conc: 19.23 ug/ml



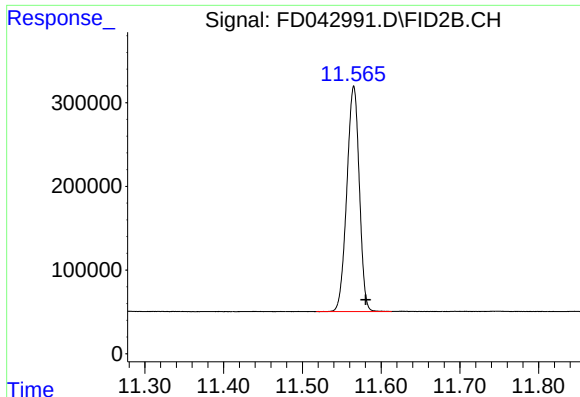
#7 n-Hexadecane (C16)

R.T.: 9.810 min
Delta R.T.: -0.015 min
Response: 2804766
Conc: 19.01 ug/ml



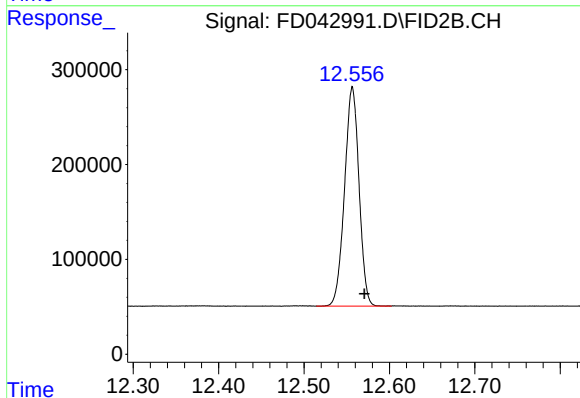
#8 n-Octadecane (C18)

R.T.: 11.250 min
Delta R.T.: -0.014 min
Response: 2798587
Conc: 18.59 ug/ml



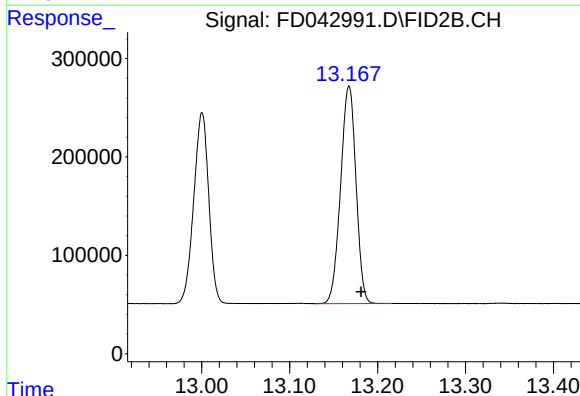
#9 ortho-Terphenyl (SURR)

R.T.: 11.565 min
Delta R.T.: -0.015 min
Response: 2965156
Conc: 17.85 ug/ml



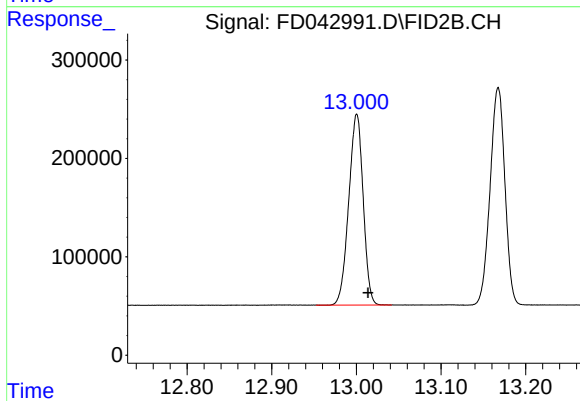
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: -0.014 min
Response: 2717877
Conc: 18.07 ug/ml



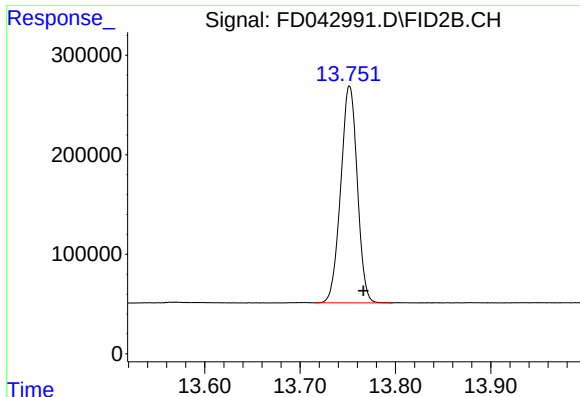
#11 n-Heneicosane (C21)

R.T.: 13.168 min
Delta R.T.: -0.014 min
Response: 2686040
Conc: 17.74 ug/ml



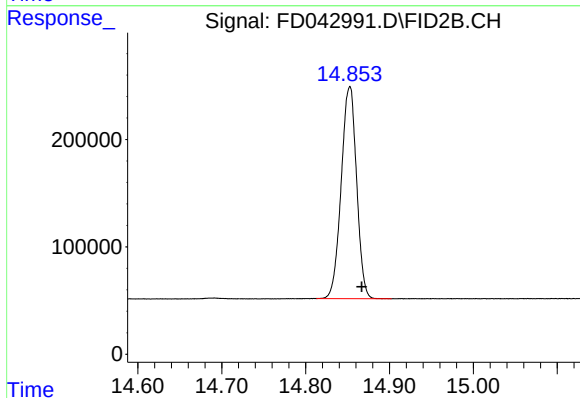
#12 1-chlorooctadecane (SURR)

R.T.: 13.001 min
Delta R.T.: -0.013 min
Response: 2296629
Conc: 17.59 ug/ml



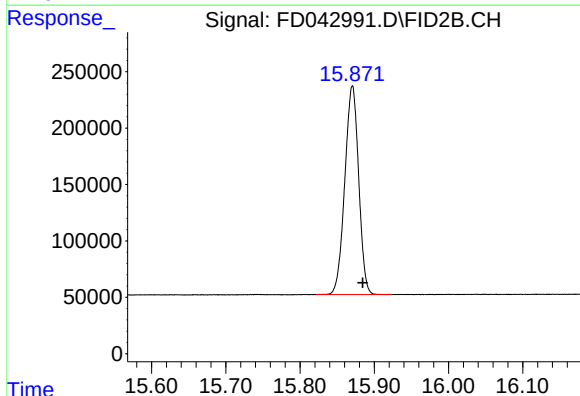
#13 n-Docosane (C22)

R.T.: 13.752 min
Delta R.T.: -0.014 min
Response: 2631976
Conc: 17.41 ug/ml



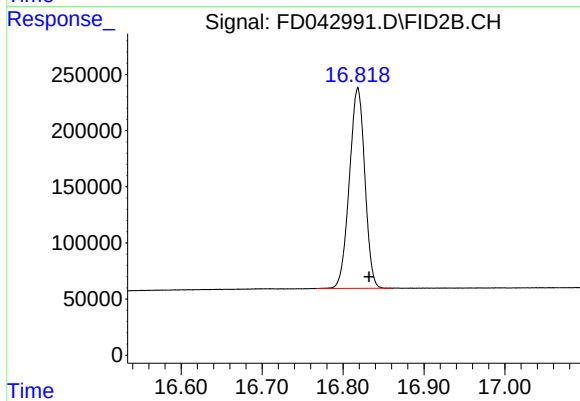
#14 n-Tetracosane (C24)

R.T.: 14.853 min
Delta R.T.: -0.014 min
Response: 2518774
Conc: 16.78 ug/ml



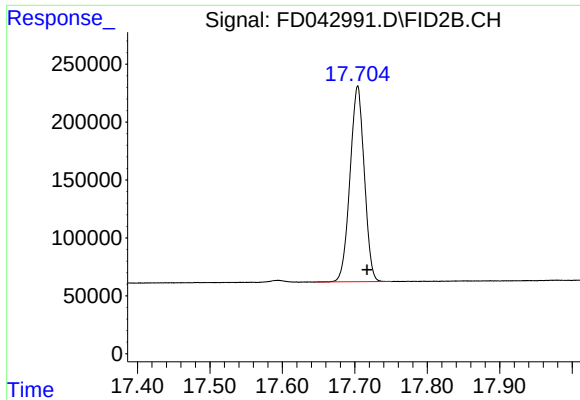
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: -0.014 min
Response: 2402266
Conc: 16.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.818 min
Delta R.T.: -0.014 min
Response: 2369317
Conc: 16.99 ug/ml



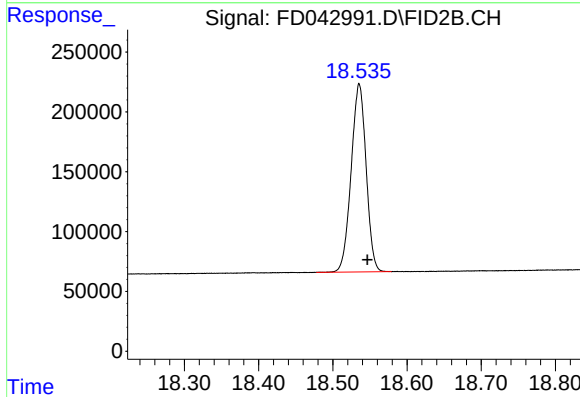
#17 n-Tricontane (C30)

R.T.: 17.704 min

Delta R.T.: -0.013 min

Response: 2310249

Conc: 17.67 ug/ml



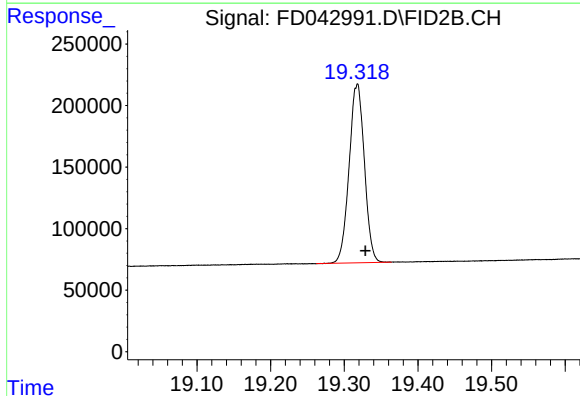
#18 n-Dotriacontane (C32)

R.T.: 18.536 min

Delta R.T.: -0.011 min

Response: 2200743

Conc: 18.64 ug/ml



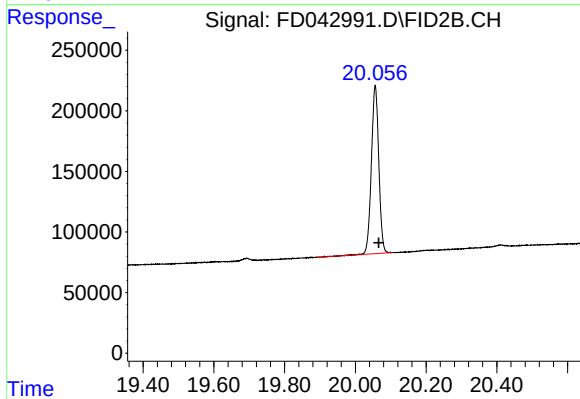
#19 n-Tetratriacontane (C34)

R.T.: 19.318 min

Delta R.T.: -0.011 min

Response: 2092742

Conc: 19.69 ug/ml



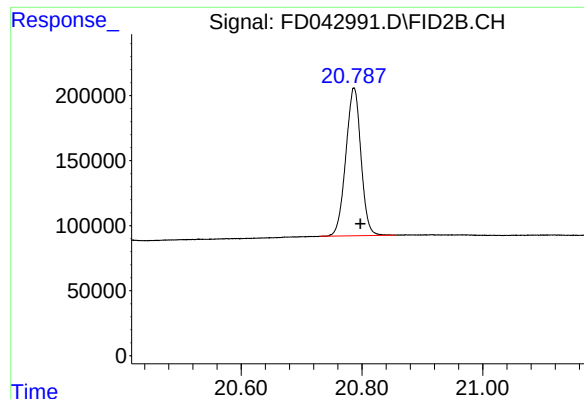
#20 n-Hexatriacontane (C36)

R.T.: 20.056 min

Delta R.T.: -0.010 min

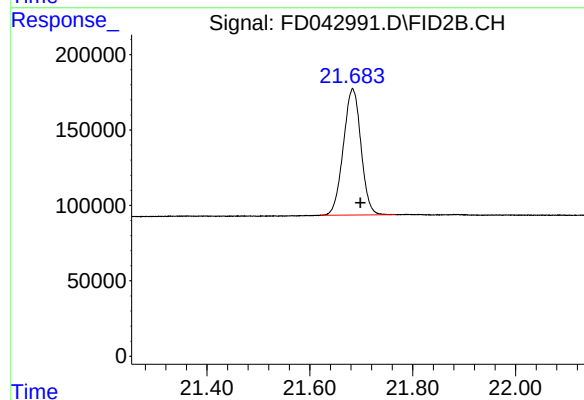
Response: 2008340

Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.010 min
Response: 1979085
Conc: 21.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.683 min
Delta R.T.: -0.015 min
Response: 1991001
Conc: 24.57 ug/ml