

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082319AL\
 Data File : FD030256.D
 Signal(s) : FID2B.CH
 Acq On : 24 Aug 2019 1:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 24 11:30:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 2019
 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)	11.550	2814416	20.475 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
12) S 1-chlorooctadecane (S...	12.975	2275055	19.947 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
Target Compounds			
1) T n-Nonane (C9)	3.349	2774032	23.180 ug/ml
2) T n-Decane (C10)	4.411	2871848	23.615 ug/ml
3) T A~Naphthalene (C11.7)	5.990	3183941	23.127 ug/ml
4) T n-Dodecane (C12)	6.421	2868461	23.523 ug/ml
5) T A~2-methylnaphthalene...	7.042	3176504	22.968 ug/ml
6) T n-Tetradecane (C14)	8.207	2869554	23.264 ug/ml
7) T n-Hexadecane (C16)	9.799	2833790	22.695 ug/ml
8) T n-Octadecane (C18)	11.233	2772891	21.689 ug/ml
10) T n-Eicosane (C20)	12.533	2688988	20.711 ug/ml
11) T n-Heneicosane (C21)	13.141	2619458	20.170 ug/ml
13) T n-Docosane (C22)	13.724	2587469	19.816 ug/ml
14) T n-Tetracosane (C24)	14.818	2533592	19.304 ug/ml
15) T n-Hexacosane (C26)	15.832	2550083	19.771 ug/ml
16) T n-Octacosane (C28)	16.774	2602453	20.511 ug/ml
17) T n-Tricontane (C30)	17.655	2614389	21.574 ug/ml
18) T n-Dotriacontane (C32)	18.480	2453500	21.881 ug/ml
19) T n-Tetratriacontane (C34)	19.257	2040565	23.014 ug/ml
20) T n-Hexatriacontane (C36)	19.989	1777652	23.919 ug/mlm
21) T n-Octatriacontane (C38)	20.702	1659710	24.934 ug/mlm
22) T n-Tetracontane (C40)	21.569	1605541	22.730 ug/mlm

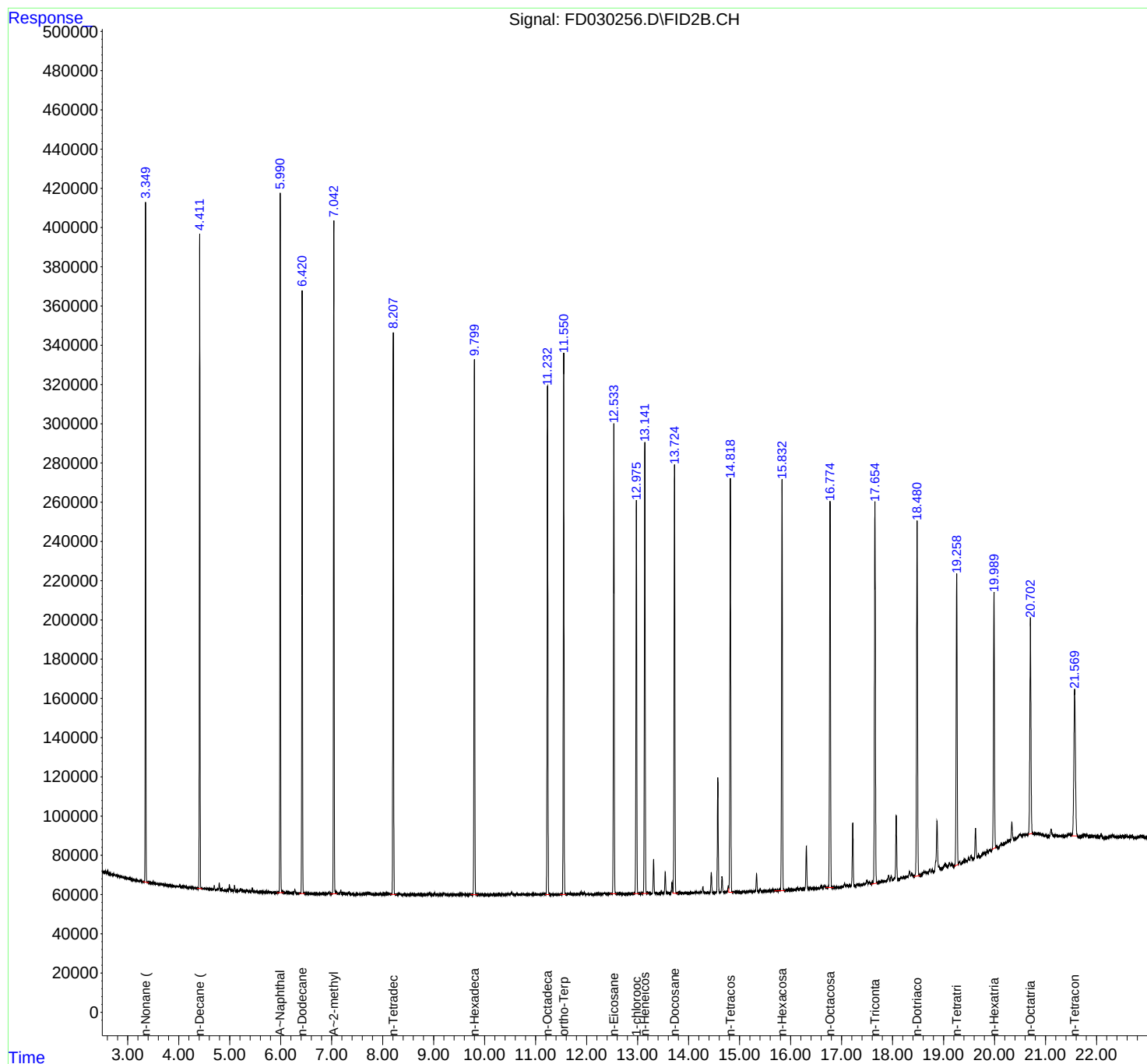
(f)=RT Delta > 1/2 Window

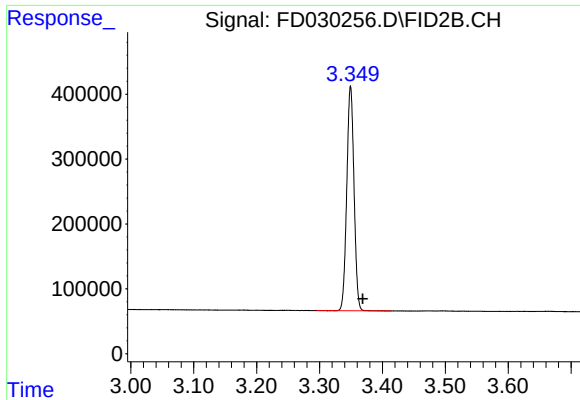
(m)=manual int.

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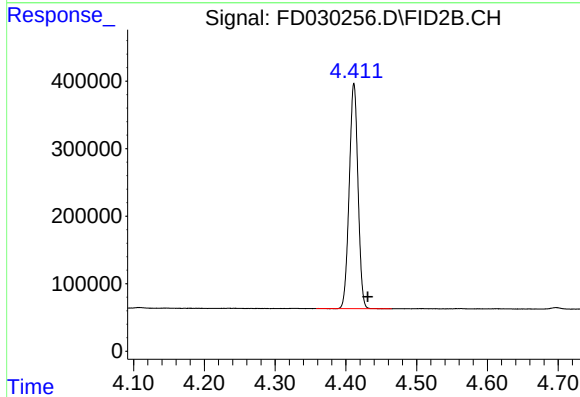
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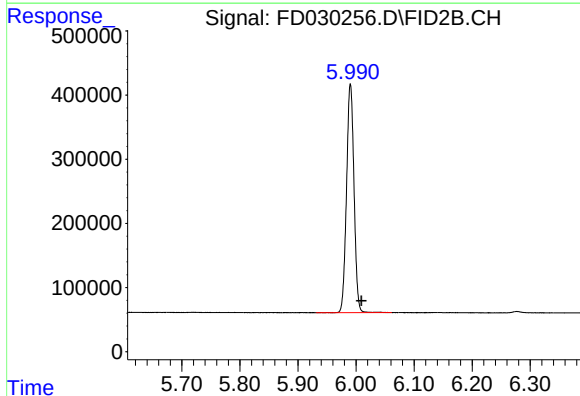
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.020 min
Response: 2774032
Conc: 23.18 ug/ml



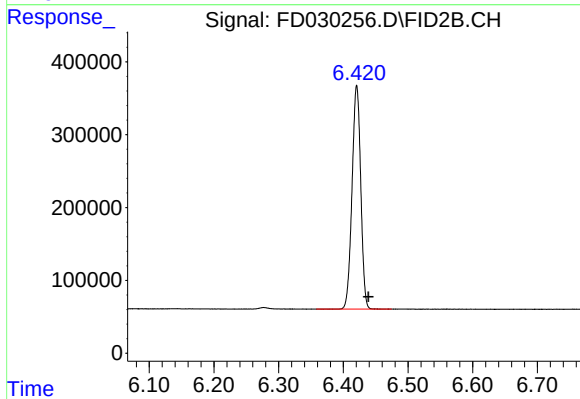
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: -0.019 min
Response: 2871848
Conc: 23.61 ug/ml



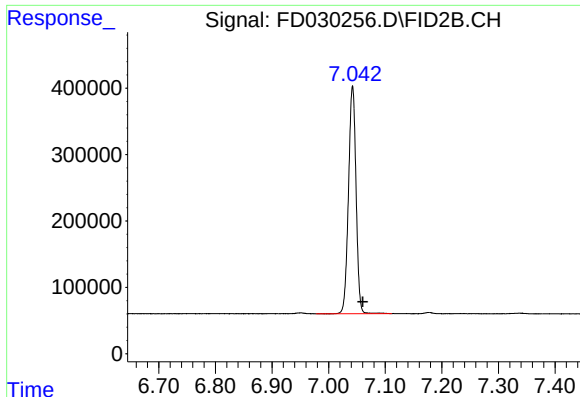
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min
Delta R.T.: -0.019 min
Response: 3183941
Conc: 23.13 ug/ml



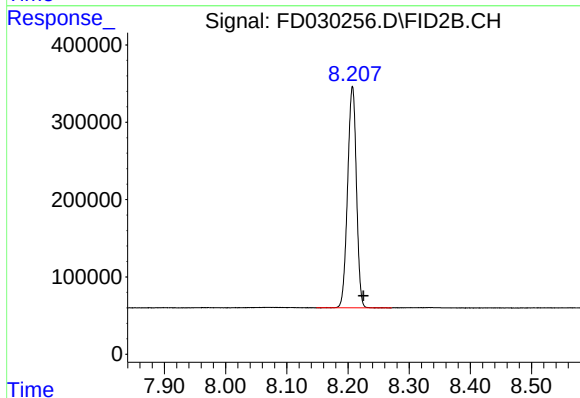
#4 n-Dodecane (C12)

R.T.: 6.421 min
Delta R.T.: -0.018 min
Response: 2868461
Conc: 23.52 ug/ml



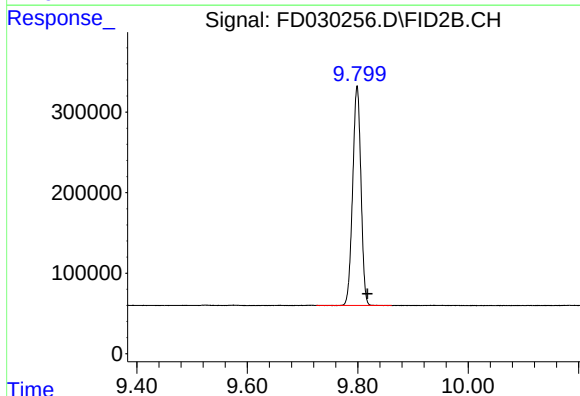
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.042 min
Delta R.T.: -0.018 min
Response: 3176504
Conc: 22.97 ug/ml



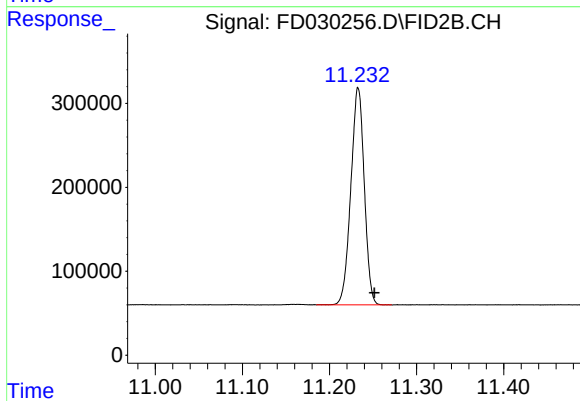
#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: -0.018 min
Response: 2869554
Conc: 23.26 ug/ml



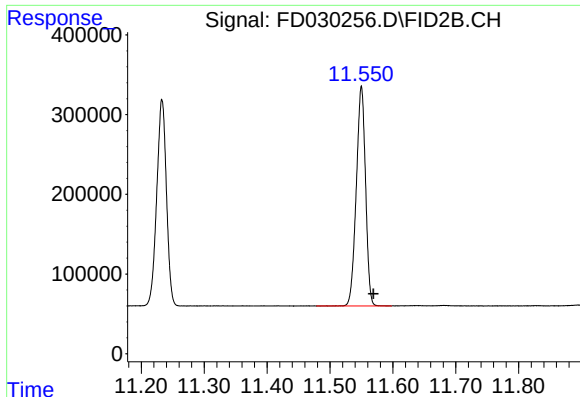
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.019 min
Response: 2833790
Conc: 22.69 ug/ml



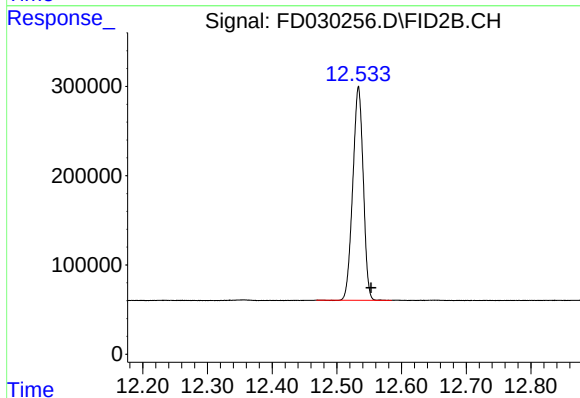
#8 n-Octadecane (C18)

R.T.: 11.233 min
Delta R.T.: -0.019 min
Response: 2772891
Conc: 21.69 ug/ml



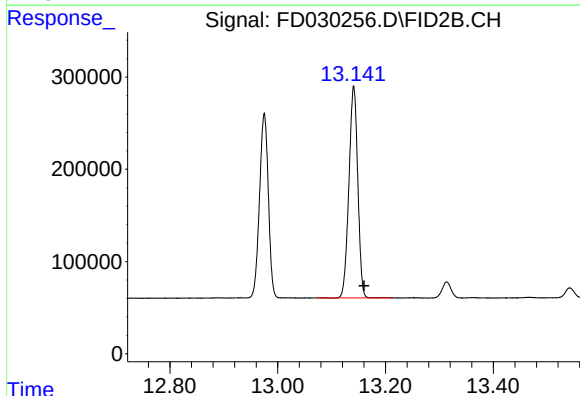
#9 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: -0.019 min
Response: 2814416
Conc: 20.48 ug/ml



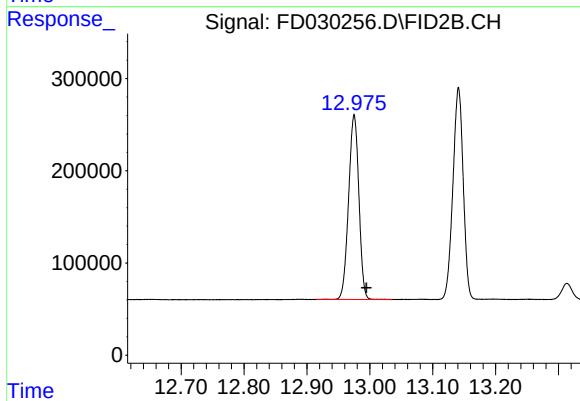
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.019 min
Response: 2688988
Conc: 20.71 ug/ml



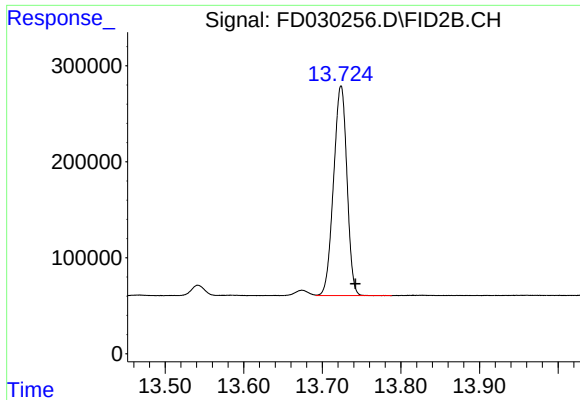
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.019 min
Response: 2619458
Conc: 20.17 ug/ml



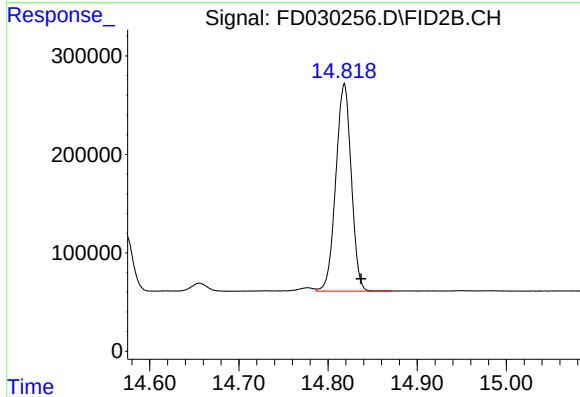
#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.020 min
Response: 2275055
Conc: 19.95 ug/ml



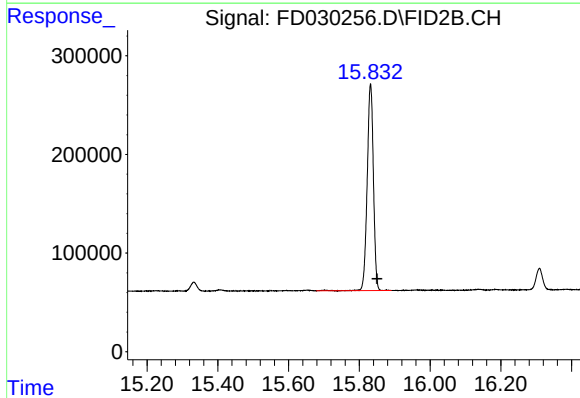
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: -0.018 min
Response: 2587469
Conc: 19.82 ug/ml



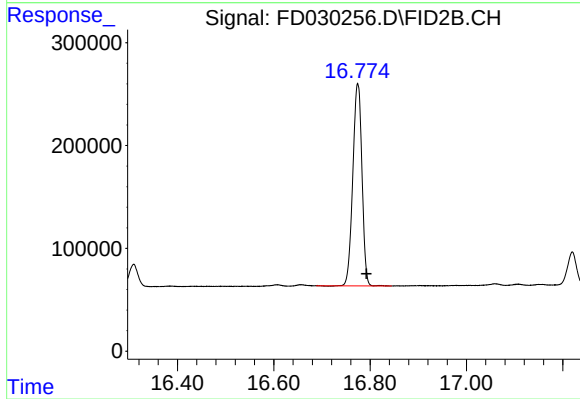
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.019 min
Response: 2533592
Conc: 19.30 ug/ml



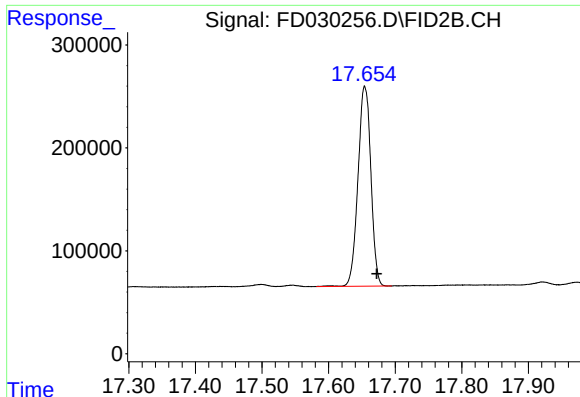
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: -0.018 min
Response: 2550083
Conc: 19.77 ug/ml



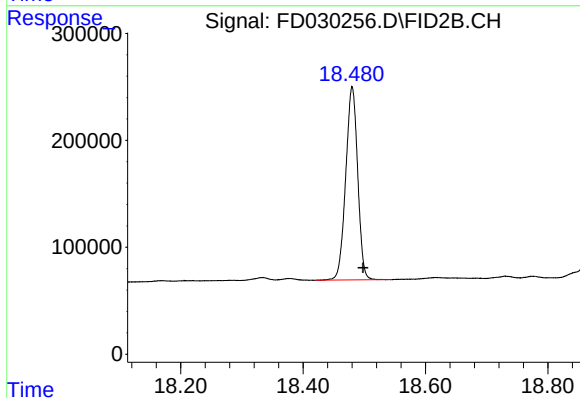
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.018 min
Response: 2602453
Conc: 20.51 ug/ml



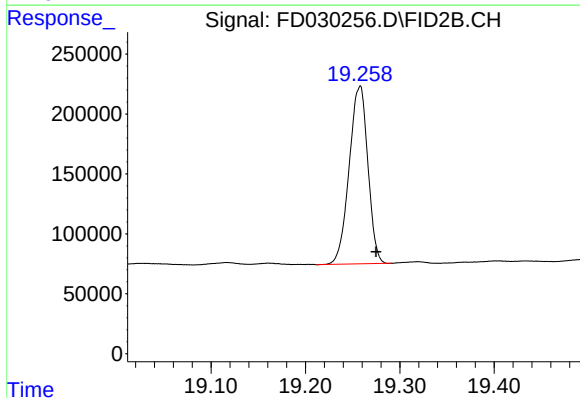
#17 n-Tricontane (C30)

R.T.: 17.655 min
Delta R.T.: -0.018 min
Response: 2614389
Conc: 21.57 ug/ml



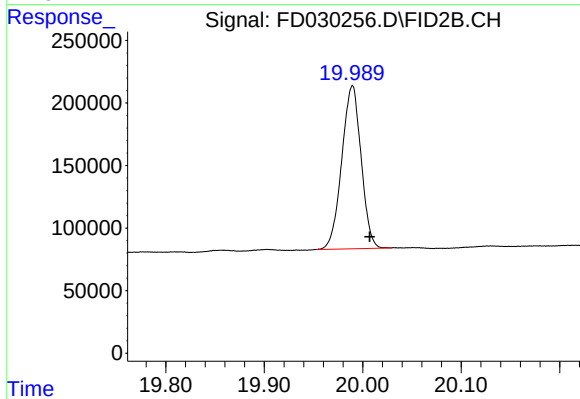
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: -0.018 min
Response: 2453500
Conc: 21.88 ug/ml



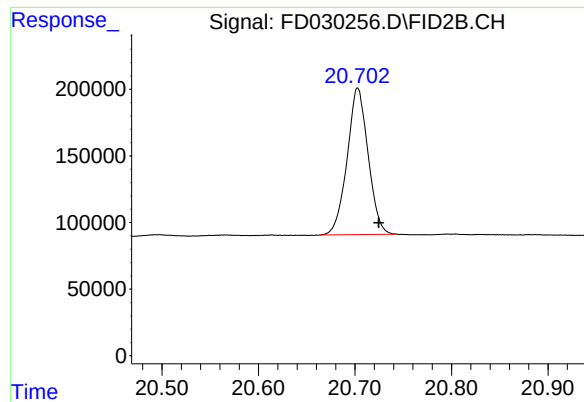
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: -0.017 min
Response: 2040565
Conc: 23.01 ug/ml



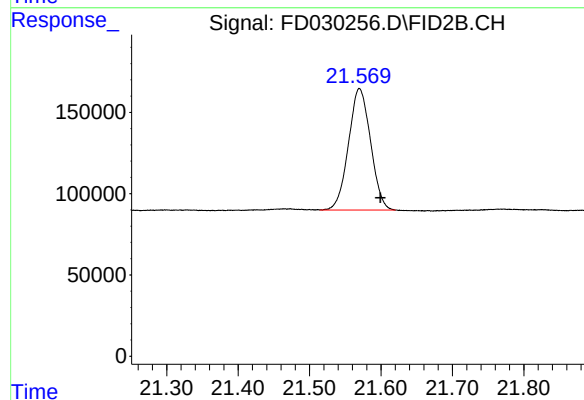
#20 n-Hexatriacontane (C36)

R.T.: 19.989 min
Delta R.T.: -0.018 min
Response: 1777652
Conc: 23.92 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: -0.022 min
Response: 1659710
Conc: 24.93 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.569 min
Delta R.T.: -0.030 min
Response: 1605541
Conc: 22.73 ug/ml m