

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041621AL\
 Data File : FD036983.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2021 5:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 01:05:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.483	2659209	17.947 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
12) S 1-chlorooctadecane (S...	12.916	2053225	17.643 ug/ml
Spiked Amount 50.000		Recovery =	35.29%
Target Compounds			
1) T n-Nonane (C9)	3.282	2595834	20.421 ug/ml
2) T n-Decane (C10)	4.344	2628386	20.398 ug/ml
3) T A~Naphthalene (C11.7)	5.918	2943316	20.159 ug/ml
4) T n-Dodecane (C12)	6.354	2690474	20.296 ug/ml
5) T A~2-methylnaphthalene...	6.971	2982384	19.919 ug/ml
6) T n-Tetradecane (C14)	8.142	2681261	19.727 ug/ml
7) T n-Hexadecane (C16)	9.736	2593575	19.475 ug/ml
8) T n-Octadecane (C18)	11.172	2611408	18.852 ug/ml
10) T n-Eicosane (C20)	12.476	2500899	18.092 ug/ml
11) T n-Heneicosane (C21)	13.084	2436831	17.700 ug/ml
13) T n-Docosane (C22)	13.667	2369254	17.418 ug/ml
14) T n-Tetracosane (C24)	14.765	2245419	16.936 ug/ml
15) T n-Hexacosane (C26)	15.781	2130811	16.829 ug/ml
16) T n-Octacosane (C28)	16.725	2069884	17.163 ug/ml
17) T n-Tricontane (C30)	17.609	2050705	17.852 ug/ml
18) T n-Dotriacontane (C32)	18.436	2025558	18.416 ug/ml
19) T n-Tetratriacontane (C34)	19.215	2024462	19.712 ug/ml
20) T n-Hexatriacontane (C36)	19.951	1978643	20.251 ug/ml
21) T n-Octatriacontane (C38)	20.661	1948513	21.075 ug/ml
22) T n-Tetracontane (C40)	21.512	2031565	20.142 ug/ml

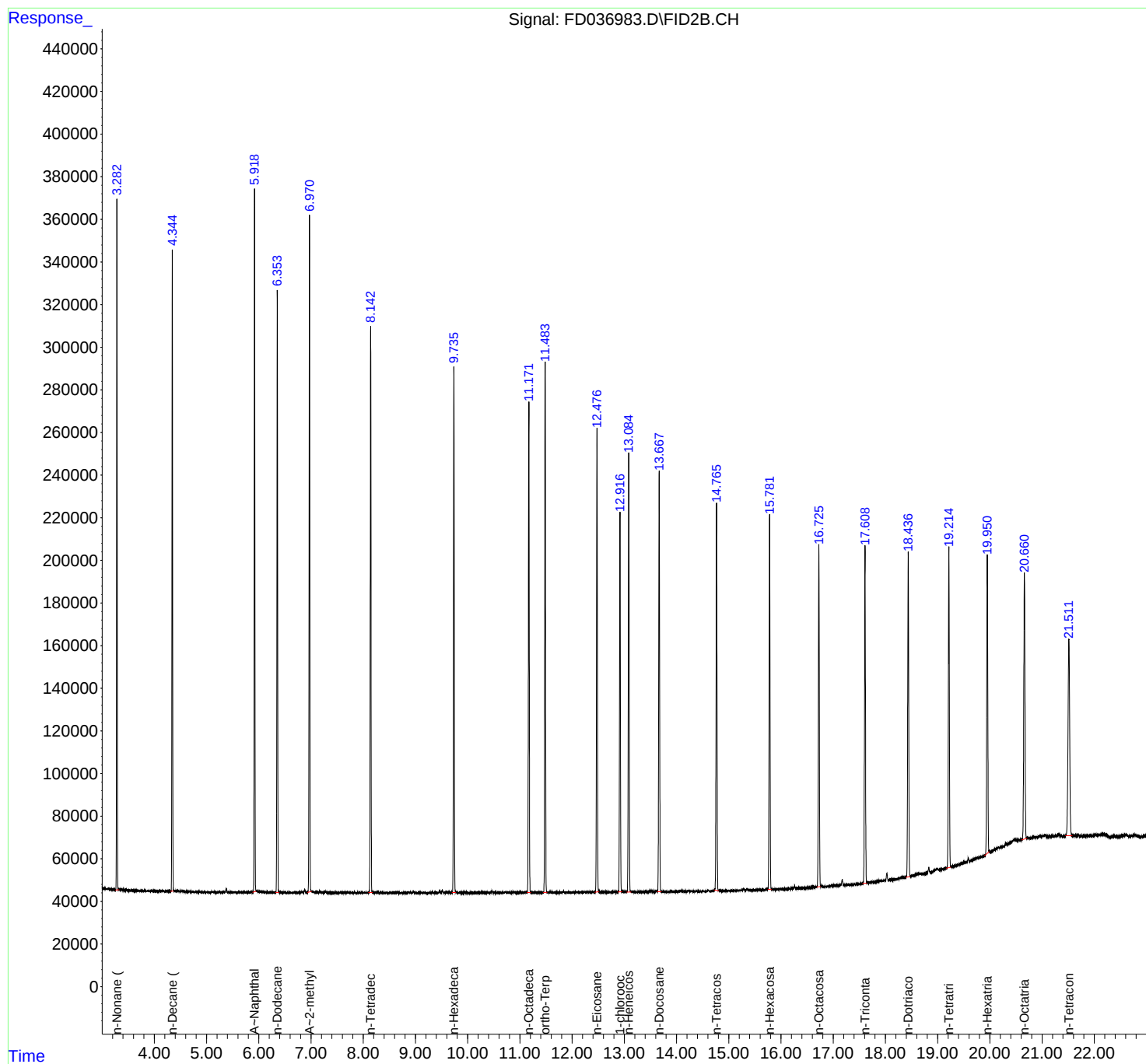
(f)=RT Delta > 1/2 Window

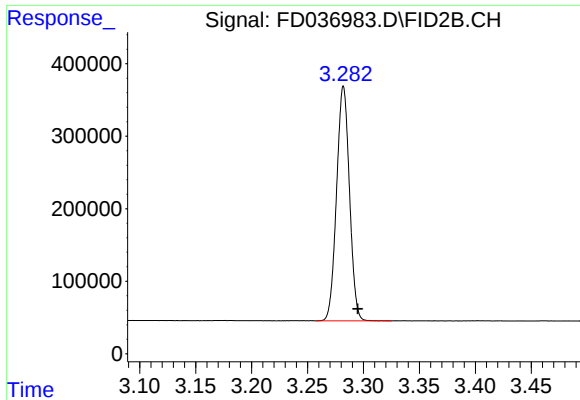
(m)=manual int.

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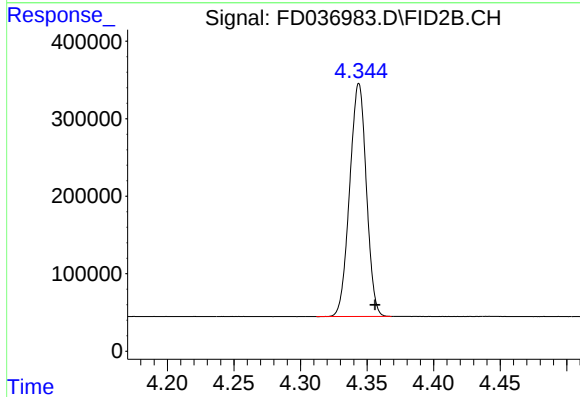
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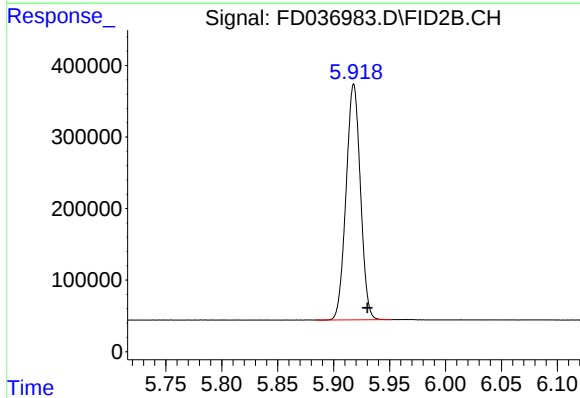
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 2595834
Conc: 20.42 ug/ml



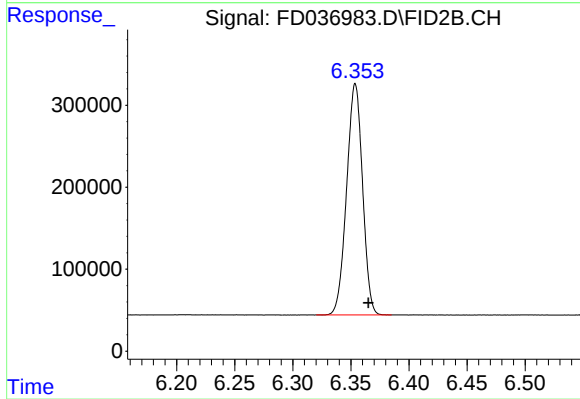
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: -0.012 min
Response: 2628386
Conc: 20.40 ug/ml



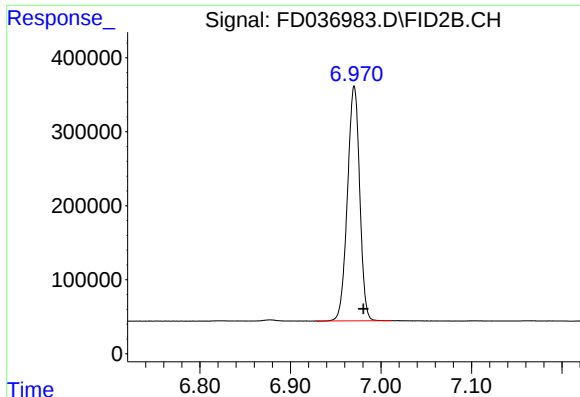
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: -0.012 min
Response: 2943316
Conc: 20.16 ug/ml



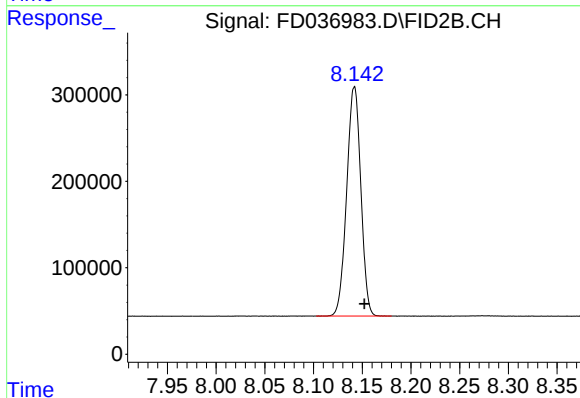
#4 n-Dodecane (C12)

R.T.: 6.354 min
Delta R.T.: -0.011 min
Response: 2690474
Conc: 20.30 ug/ml



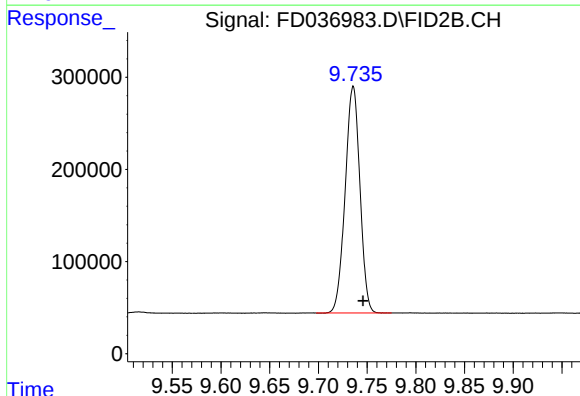
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: -0.010 min
Response: 2982384
Conc: 19.92 ug/ml



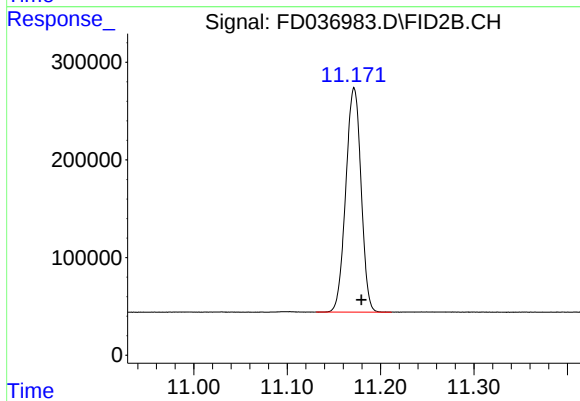
#6 n-Tetradecane (C14)

R.T.: 8.142 min
Delta R.T.: -0.010 min
Response: 2681261
Conc: 19.73 ug/ml



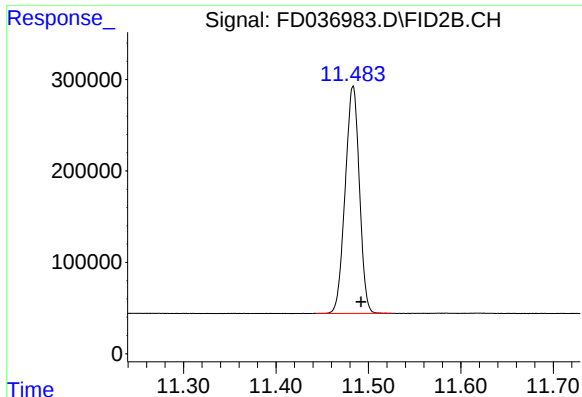
#7 n-Hexadecane (C16)

R.T.: 9.736 min
Delta R.T.: -0.010 min
Response: 2593575
Conc: 19.47 ug/ml



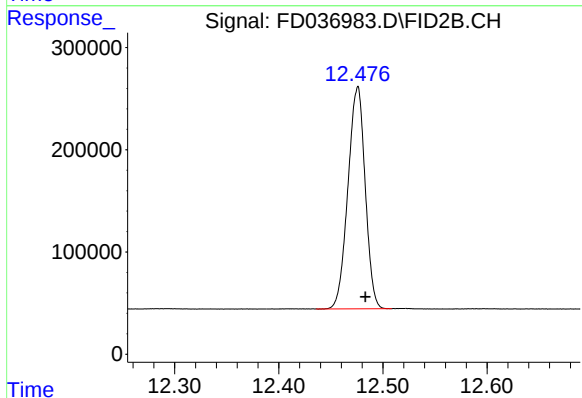
#8 n-Octadecane (C18)

R.T.: 11.172 min
Delta R.T.: -0.008 min
Response: 2611408
Conc: 18.85 ug/ml



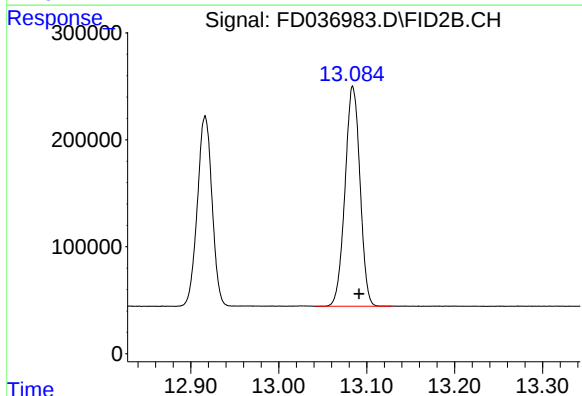
#9 ortho-Terphenyl (SURR)

R.T.: 11.483 min
Delta R.T.: -0.009 min
Response: 2659209
Conc: 17.95 ug/ml



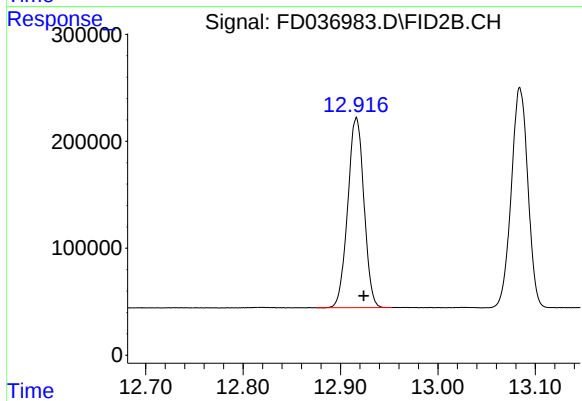
#10 n-Eicosane (C20)

R.T.: 12.476 min
Delta R.T.: -0.007 min
Response: 2500899
Conc: 18.09 ug/ml



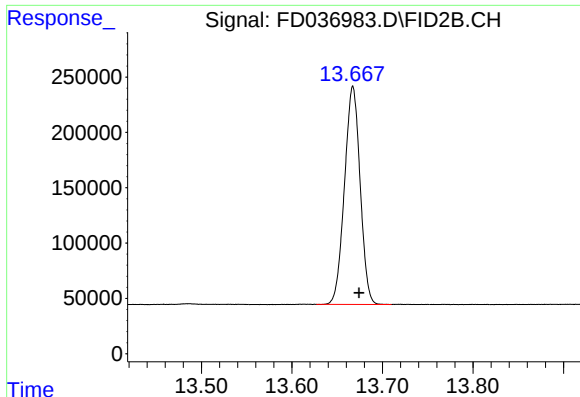
#11 n-Heneicosane (C21)

R.T.: 13.084 min
Delta R.T.: -0.007 min
Response: 2436831
Conc: 17.70 ug/ml



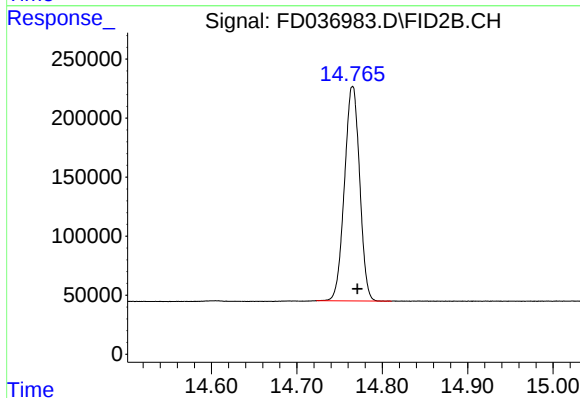
#12 1-chlorooctadecane (SURR)

R.T.: 12.916 min
Delta R.T.: -0.007 min
Response: 2053225
Conc: 17.64 ug/ml



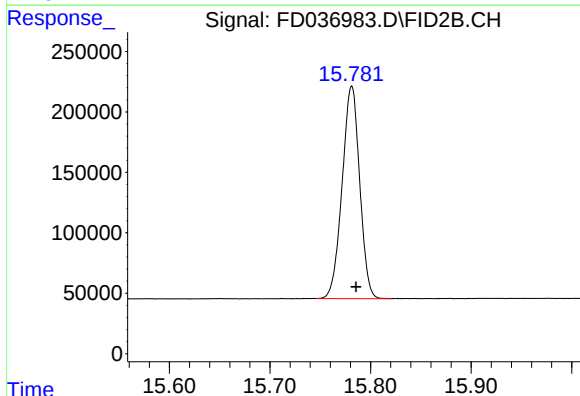
#13 n-Docosane (C22)

R.T.: 13.667 min
Delta R.T.: -0.007 min
Response: 2369254
Conc: 17.42 ug/ml



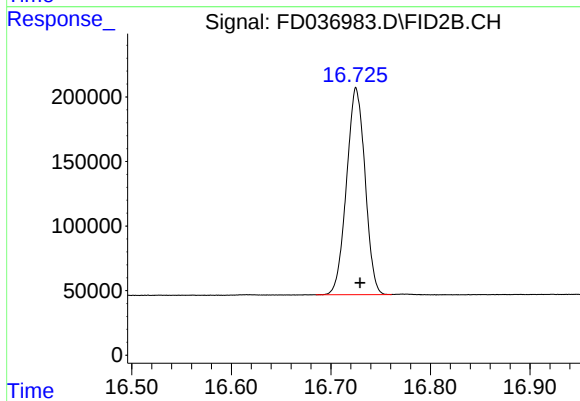
#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: -0.006 min
Response: 2245419
Conc: 16.94 ug/ml



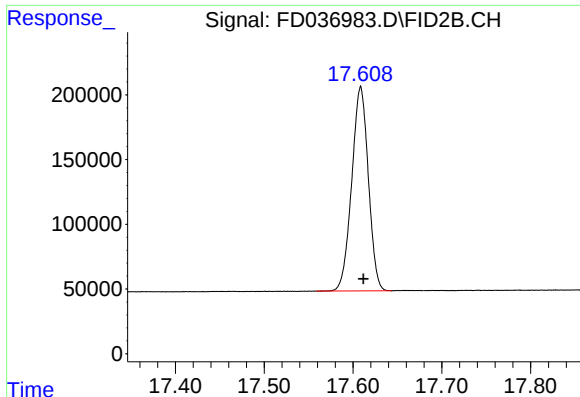
#15 n-Hexacosane (C26)

R.T.: 15.781 min
Delta R.T.: -0.004 min
Response: 2130811
Conc: 16.83 ug/ml



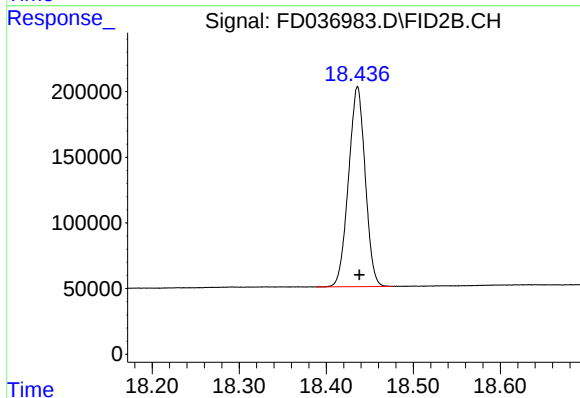
#16 n-Octacosane (C28)

R.T.: 16.725 min
Delta R.T.: -0.004 min
Response: 2069884
Conc: 17.16 ug/ml



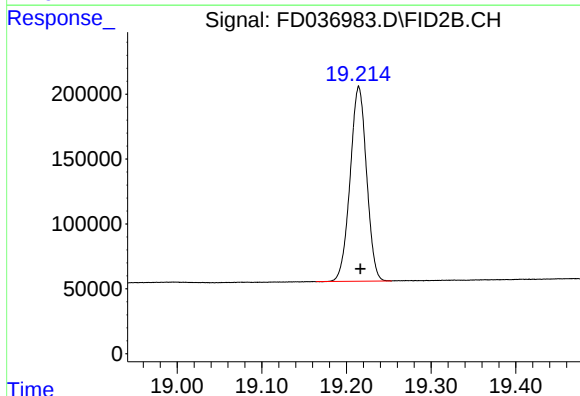
#17 n-Tricontane (C30)

R.T.: 17.609 min
Delta R.T.: -0.003 min
Response: 2050705
Conc: 17.85 ug/ml



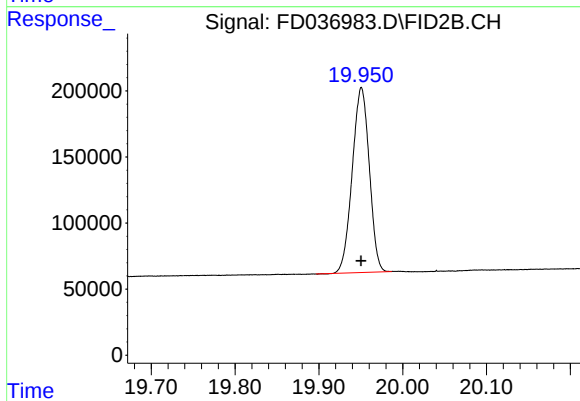
#18 n-Dotriacontane (C32)

R.T.: 18.436 min
Delta R.T.: -0.002 min
Response: 2025558
Conc: 18.42 ug/ml



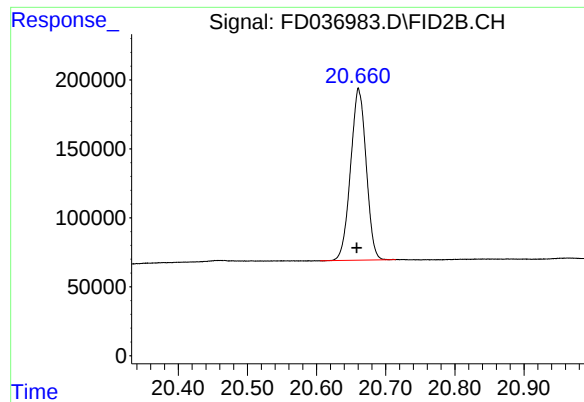
#19 n-Tetratriacontane (C34)

R.T.: 19.215 min
Delta R.T.: -0.002 min
Response: 2024462
Conc: 19.71 ug/ml



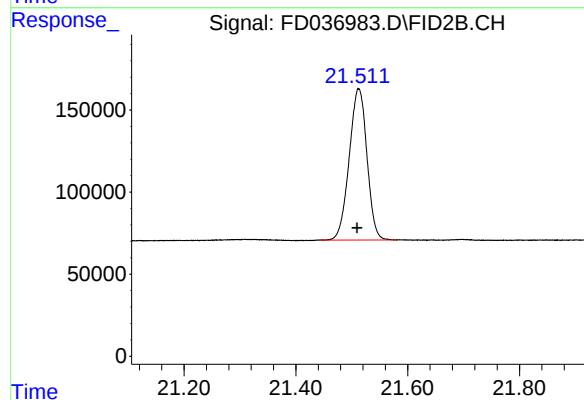
#20 n-Hexatriacontane (C36)

R.T.: 19.951 min
Delta R.T.: 0.000 min
Response: 1978643
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.661 min
Delta R.T.: 0.003 min
Response: 1948513
Conc: 21.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.512 min
Delta R.T.: 0.003 min
Response: 2031565
Conc: 20.14 ug/ml