

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052220AL\
 Data File : FD033582.D
 Signal(s) : FID2B.CH
 Acq On : 22 May 2020 8:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 23 01:39:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 07:22:05 2020
 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)	11.470	2902572	21.346 ug/ml
Spiked Amount 50.000		Recovery =	42.69%
12) S 1-chlorooctadecane (S...	12.900	2321788	20.881 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
Target Compounds			
1) T n-Nonane (C9)	3.289	2562651	22.320 ug/ml
2) T n-Decane (C10)	4.348	2603251	22.616 ug/ml
3) T A~Naphthalene (C11.7)	5.920	2801280	22.601 ug/ml
4) T n-Dodecane (C12)	6.351	2678620	22.482 ug/ml
5) T A~2-methylnaphthalene...	6.969	2847121	22.895 ug/ml
6) T n-Tetradecane (C14)	8.134	2694204	22.320 ug/ml
7) T n-Hexadecane (C16)	9.724	2636198	22.076 ug/ml
8) T n-Octadecane (C18)	11.157	2723196	21.474 ug/ml
10) T n-Eicosane (C20)	12.458	2712894	21.024 ug/ml
11) T n-Heneicosane (C21)	13.066	2687309	20.856 ug/ml
13) T n-Docosane (C22)	13.649	2666229	20.775 ug/ml
14) T n-Tetracosane (C24)	14.745	2630980	20.674 ug/ml
15) T n-Hexacosane (C26)	15.761	2577394	20.563 ug/ml
16) T n-Octacosane (C28)	16.705	2537412	20.412 ug/ml
17) T n-Tricontane (C30)	17.587	2443943	20.310 ug/ml
18) T n-Dotriacontane (C32)	18.414	2208248	20.164 ug/ml
19) T n-Tetratriacontane (C34)	19.194	2044996	19.954 ug/ml
20) T n-Hexatriacontane (C36)	19.928	1922588	20.080 ug/ml
21) T n-Octatriacontane (C38)	20.637	1820922	20.319 ug/ml
22) T n-Tetracontane (C40)	21.481	1889864	21.282 ug/ml

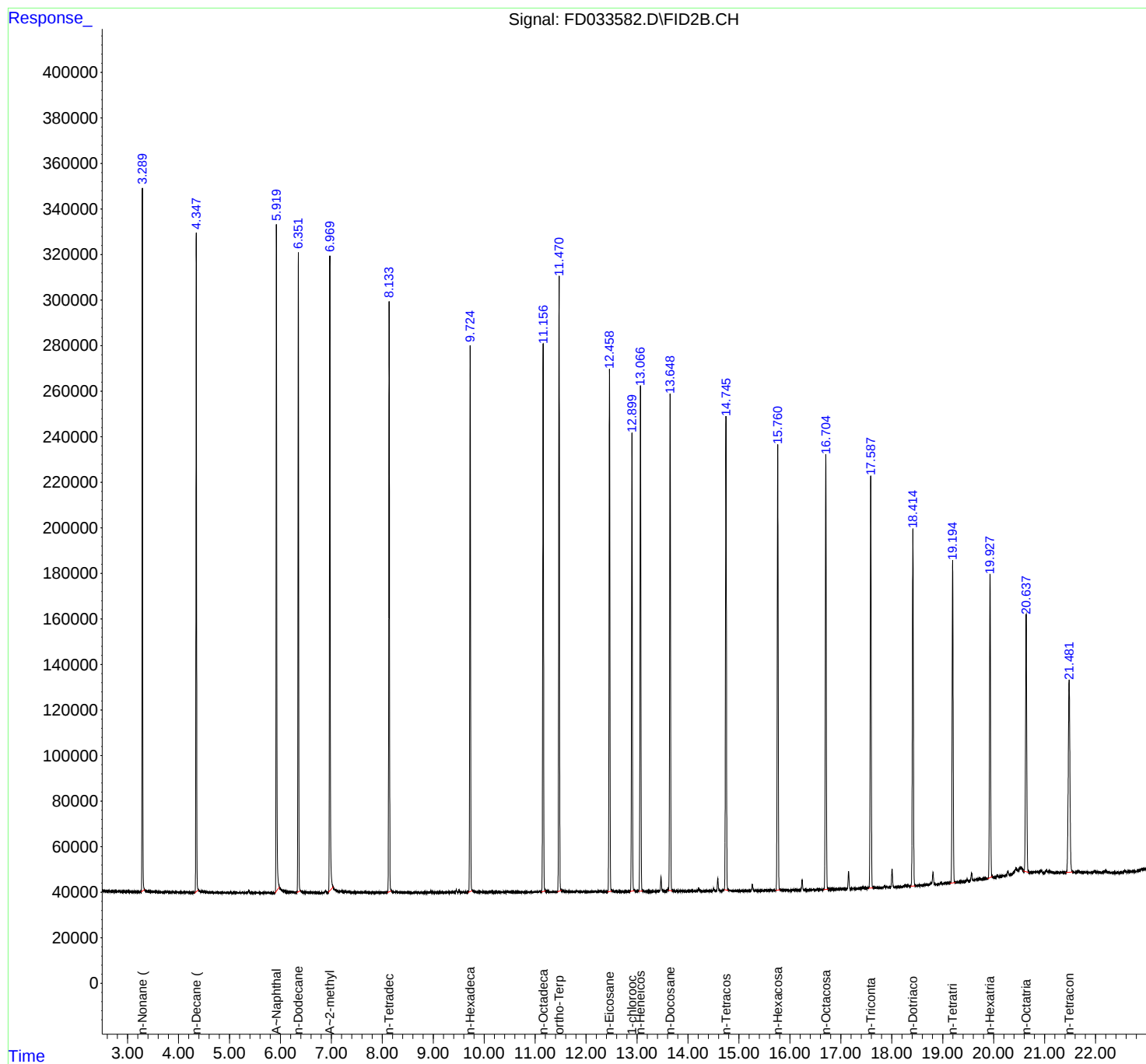
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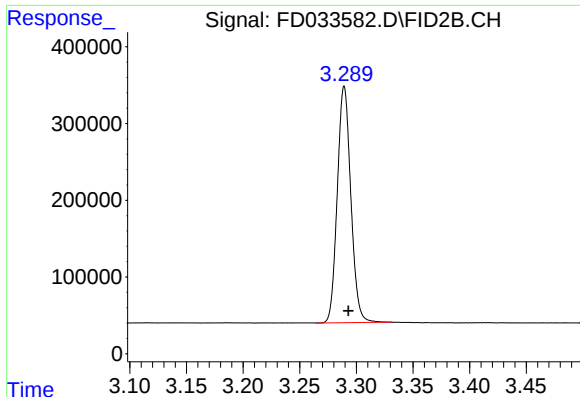
(m)=manual int.

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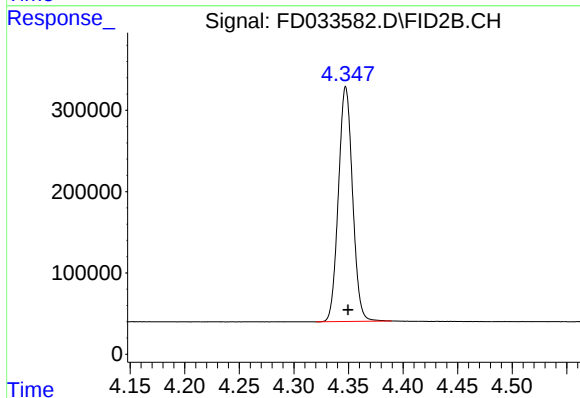
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





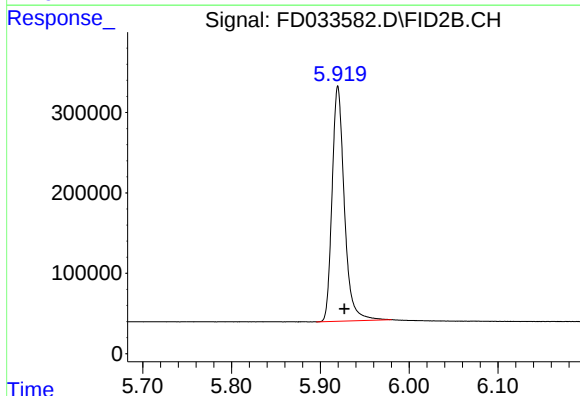
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.004 min
Response: 2562651
Conc: 22.32 ug/ml



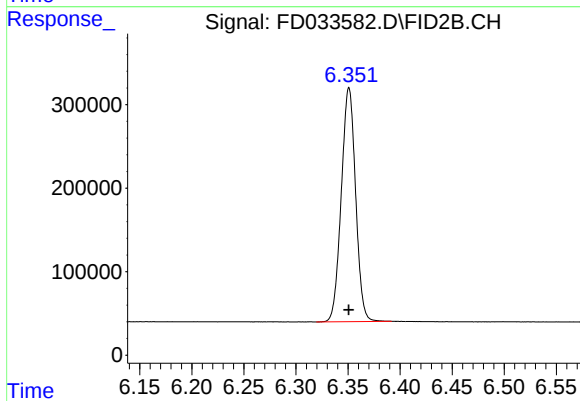
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.002 min
Response: 2603251
Conc: 22.62 ug/ml



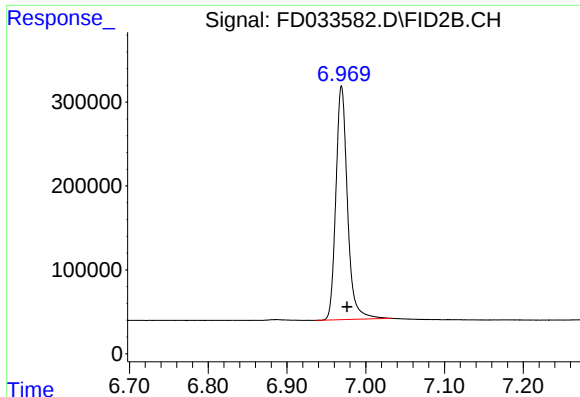
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.007 min
Response: 2801280
Conc: 22.60 ug/ml



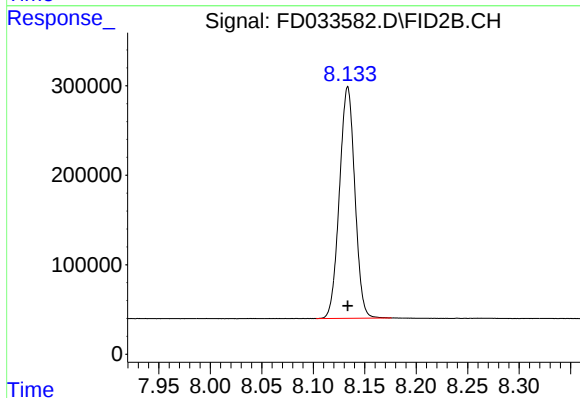
#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 2678620
Conc: 22.48 ug/ml



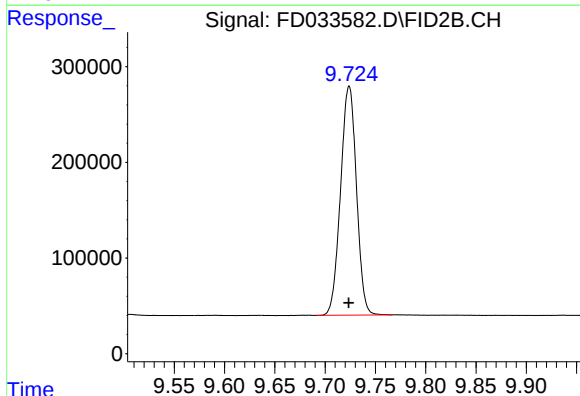
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.969 min
Delta R.T.: -0.007 min
Response: 2847121
Conc: 22.90 ug/ml



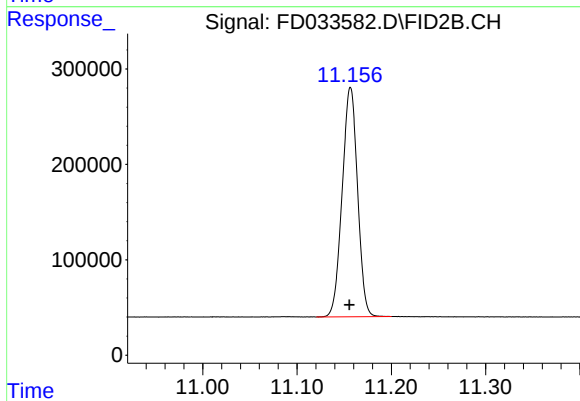
#6 n-Tetradecane (C14)

R.T.: 8.134 min
Delta R.T.: 0.000 min
Response: 2694204
Conc: 22.32 ug/ml



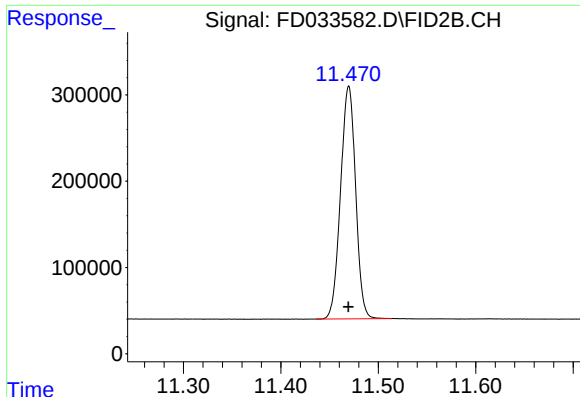
#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: 0.000 min
Response: 2636198
Conc: 22.08 ug/ml



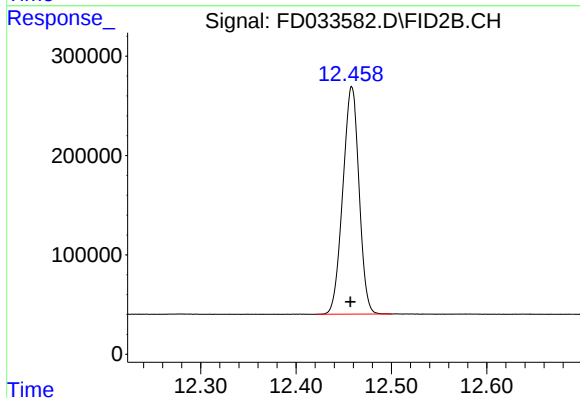
#8 n-Octadecane (C18)

R.T.: 11.157 min
Delta R.T.: 0.001 min
Response: 2723196
Conc: 21.47 ug/ml



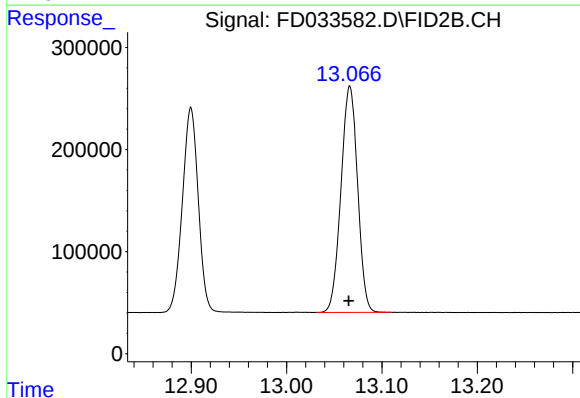
#9 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 2902572
Conc: 21.35 ug/ml



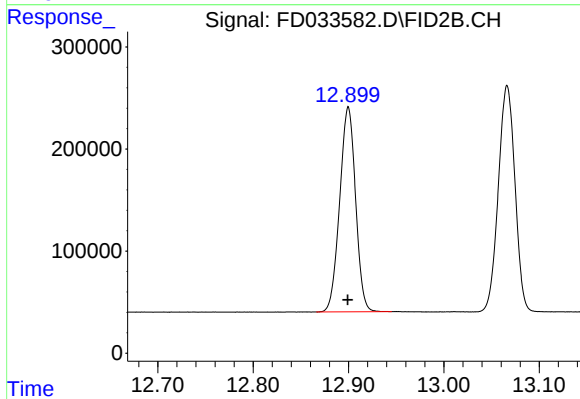
#10 n-Eicosane (C20)

R.T.: 12.458 min
Delta R.T.: 0.001 min
Response: 2712894
Conc: 21.02 ug/ml



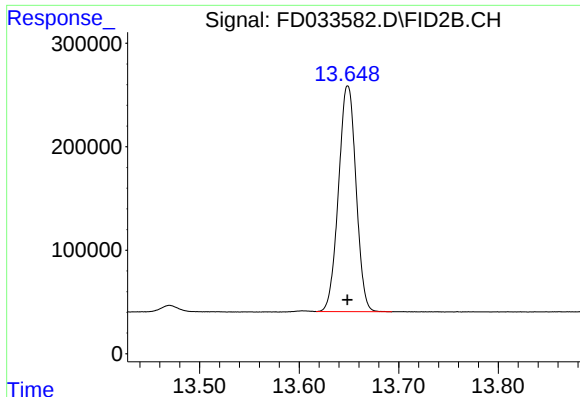
#11 n-Heneicosane (C21)

R.T.: 13.066 min
Delta R.T.: 0.001 min
Response: 2687309
Conc: 20.86 ug/ml



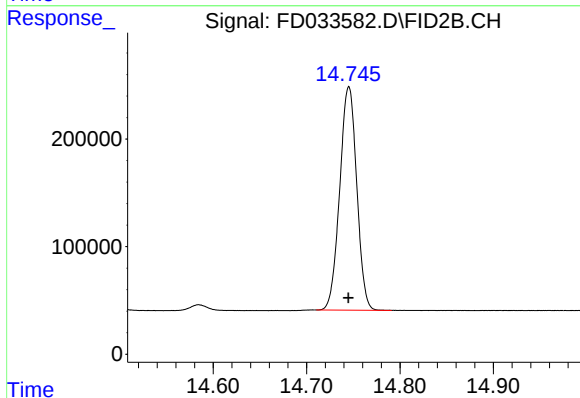
#12 1-chlorooctadecane (SURR)

R.T.: 12.900 min
Delta R.T.: 0.000 min
Response: 2321788
Conc: 20.88 ug/ml



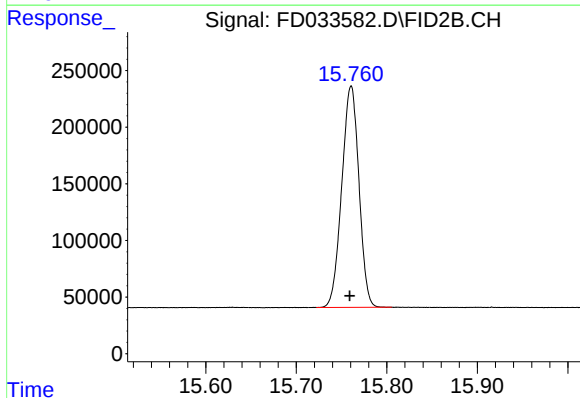
#13 n-Docosane (C22)

R.T.: 13.649 min
Delta R.T.: 0.000 min
Response: 2666229
Conc: 20.77 ug/ml



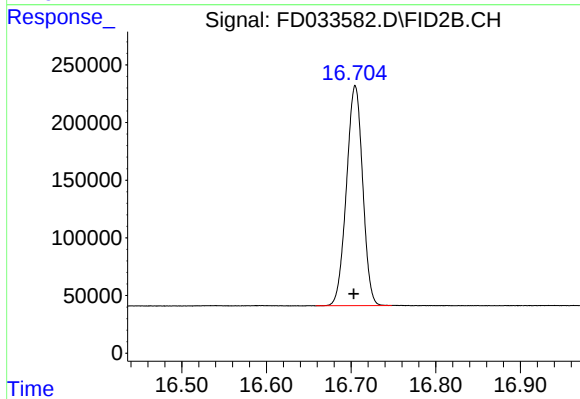
#14 n-Tetracosane (C24)

R.T.: 14.745 min
Delta R.T.: 0.000 min
Response: 2630980
Conc: 20.67 ug/ml



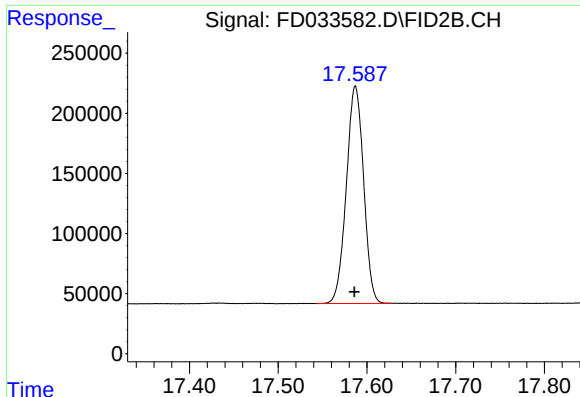
#15 n-Hexacosane (C26)

R.T.: 15.761 min
Delta R.T.: 0.001 min
Response: 2577394
Conc: 20.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.705 min
Delta R.T.: 0.002 min
Response: 2537412
Conc: 20.41 ug/ml



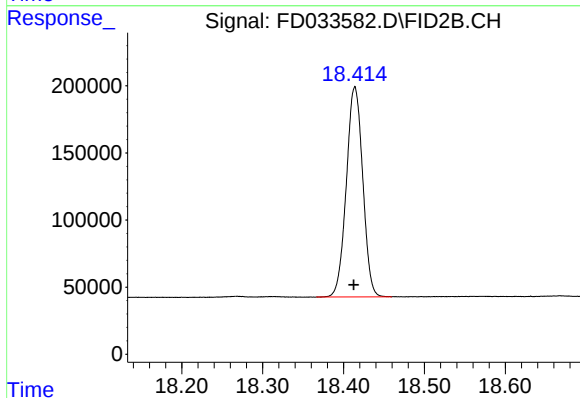
#17 n-Tricontane (C30)

R.T.: 17.587 min

Delta R.T.: 0.001 min

Response: 2443943

Conc: 20.31 ug/ml



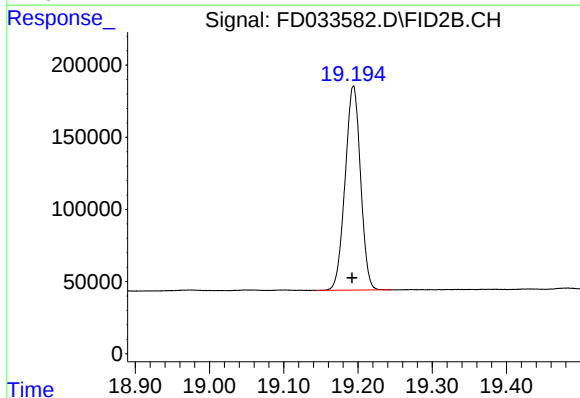
#18 n-Dotriacontane (C32)

R.T.: 18.414 min

Delta R.T.: 0.001 min

Response: 2208248

Conc: 20.16 ug/ml



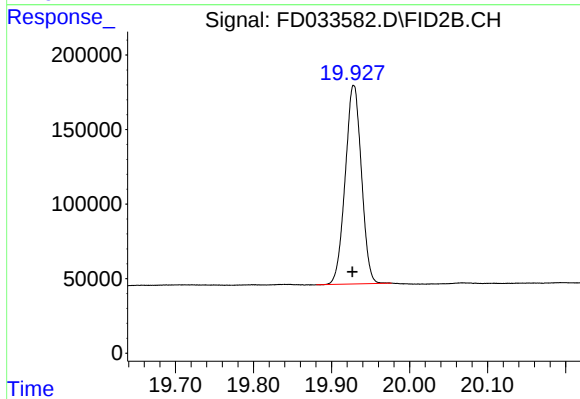
#19 n-Tetratriacontane (C34)

R.T.: 19.194 min

Delta R.T.: 0.002 min

Response: 2044996

Conc: 19.95 ug/ml



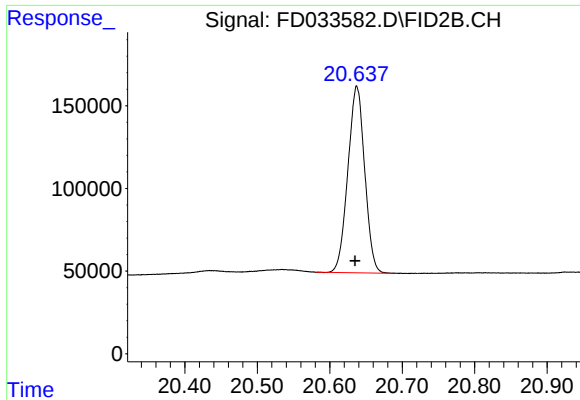
#20 n-Hexatriacontane (C36)

R.T.: 19.928 min

Delta R.T.: 0.002 min

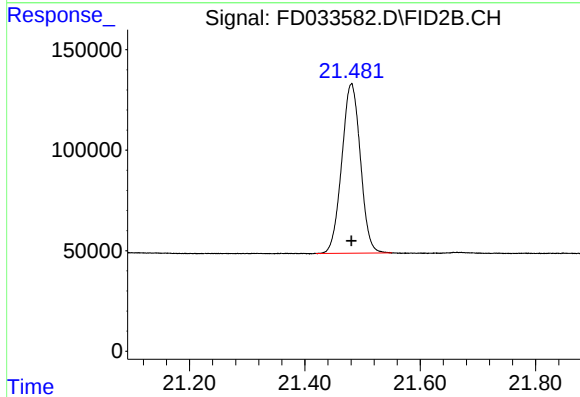
Response: 1922588

Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.637 min
Delta R.T.: 0.002 min
Response: 1820922
Conc: 20.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.481 min
Delta R.T.: 0.000 min
Response: 1889864
Conc: 21.28 ug/ml