

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081919AL\
 Data File : FD030185.D
 Signal(s) : FID2B.CH
 Acq On : 19 Aug 2019 14:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 02:10:19 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)	11.562	2522016	18.348 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
12) S 1-chlorooctadecane (S...	12.988	2019488	17.706 ug/ml
Spiked Amount 50.000		Recovery =	35.41%
Target Compounds			
1) T n-Nonane (C9)	3.354	2534306	21.177 ug/ml
2) T n-Decane (C10)	4.417	2576443	21.185 ug/ml
3) T A~Naphthalene (C11.7)	6.000	2879208	20.914 ug/ml
4) T n-Dodecane (C12)	6.428	2572053	21.093 ug/ml
5) T A~2-methylnaphthalene...	7.053	2870066	20.752 ug/ml
6) T n-Tetradecane (C14)	8.216	2558844	20.745 ug/ml
7) T n-Hexadecane (C16)	9.809	2521252	20.192 ug/ml
8) T n-Octadecane (C18)	11.244	2460148	19.243 ug/ml
10) T n-Eicosane (C20)	12.545	2375297	18.295 ug/ml
11) T n-Heneicosane (C21)	13.154	2312236	17.804 ug/ml
13) T n-Docosane (C22)	13.737	2271832	17.399 ug/ml
14) T n-Tetracosane (C24)	14.833	2171726	16.547 ug/ml
15) T n-Hexacosane (C26)	15.847	2061401	15.983 ug/ml
16) T n-Octacosane (C28)	16.790	1995735	15.729 ug/ml
17) T n-Tricontane (C30)	17.670	1927772	15.908 ug/ml
18) T n-Dotriacontane (C32)	18.497	1839723	16.407 ug/ml
19) T n-Tetratriacontane (C34)	19.274	1575467	17.769 ug/ml
20) T n-Hexatriacontane (C36)	20.006	1732956	23.317 ug/ml
21) T n-Octatriacontane (C38)	20.724	2525390	37.940 ug/ml
22) T n-Tetracontane (C40)	21.599	1381451	19.557 ug/ml

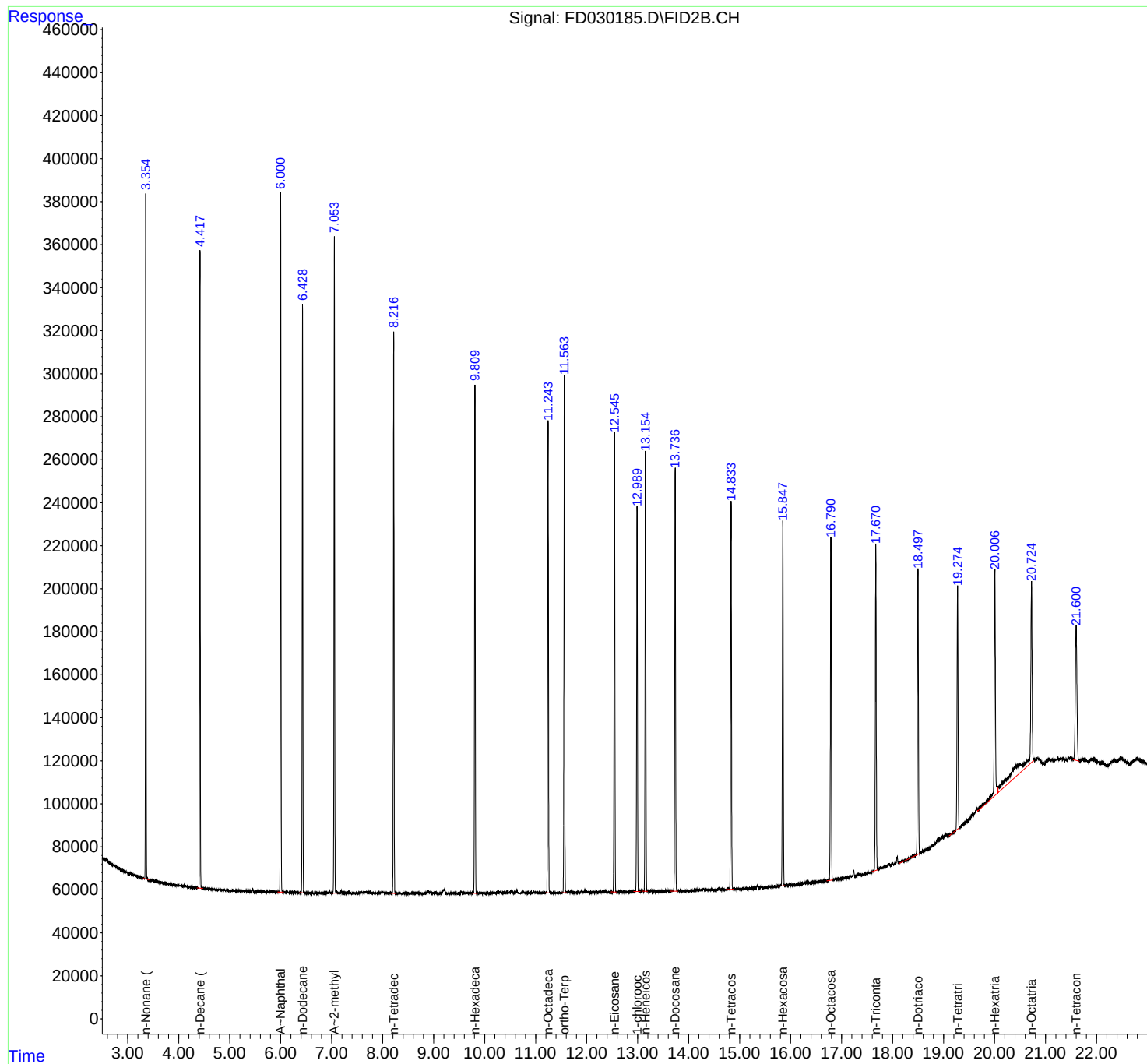
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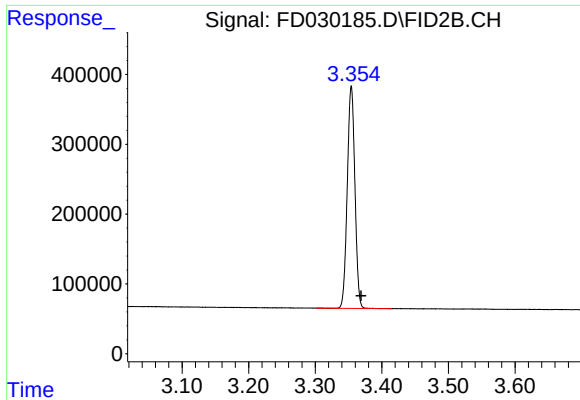
(m)=manual int.

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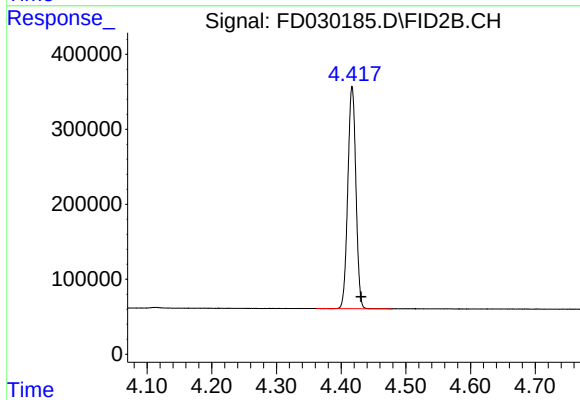
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Signal Info : 20M x 0.18mm x 0.18um





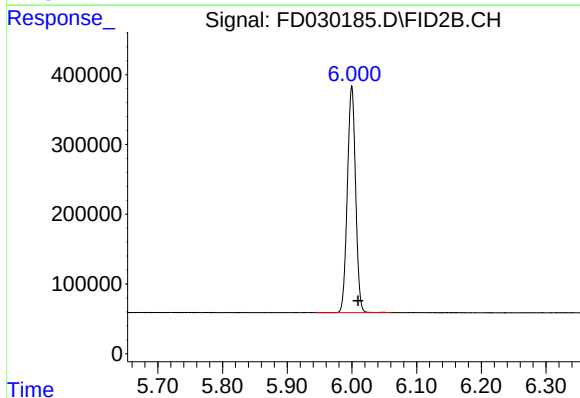
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.015 min
Response: 2534306
Conc: 21.18 ug/ml



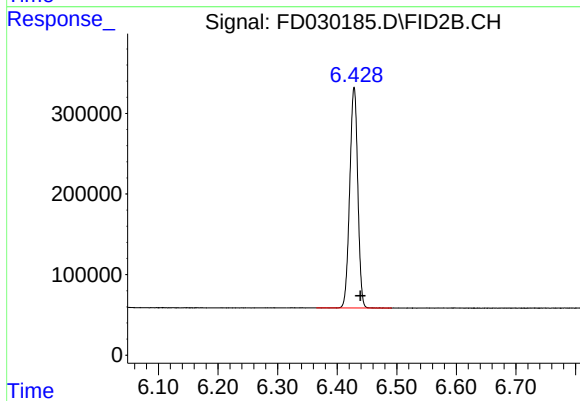
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: -0.014 min
Response: 2576443
Conc: 21.19 ug/ml



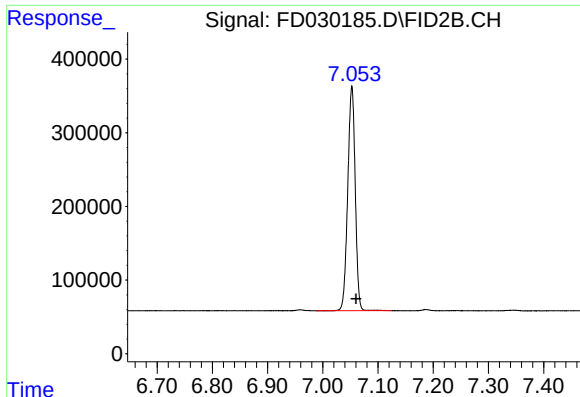
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.010 min
Response: 2879208
Conc: 20.91 ug/ml



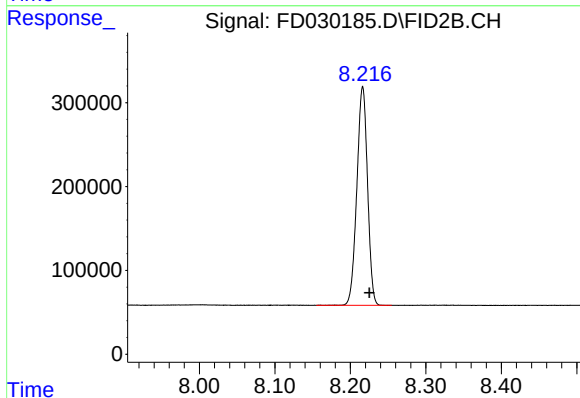
#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: -0.010 min
Response: 2572053
Conc: 21.09 ug/ml



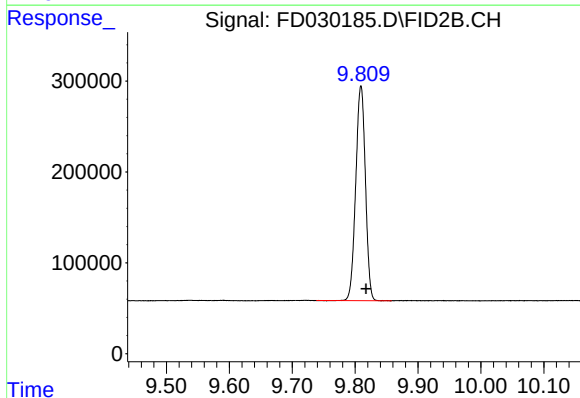
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.008 min
Response: 2870066
Conc: 20.75 ug/ml



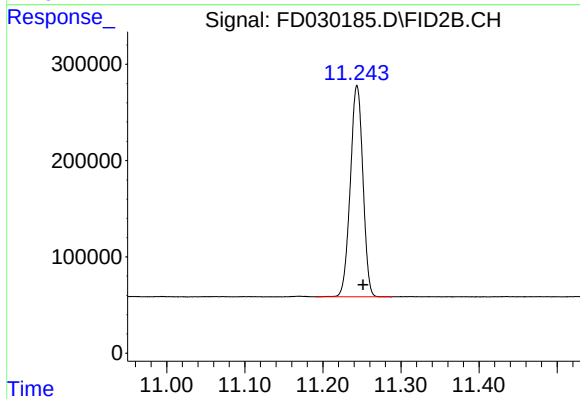
#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: -0.009 min
Response: 2558844
Conc: 20.75 ug/ml



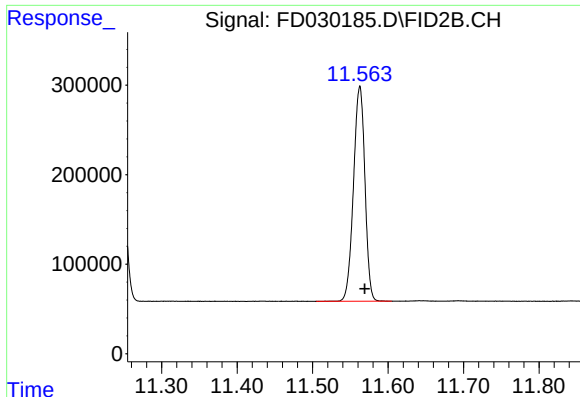
#7 n-Hexadecane (C16)

R.T.: 9.809 min
Delta R.T.: -0.009 min
Response: 2521252
Conc: 20.19 ug/ml



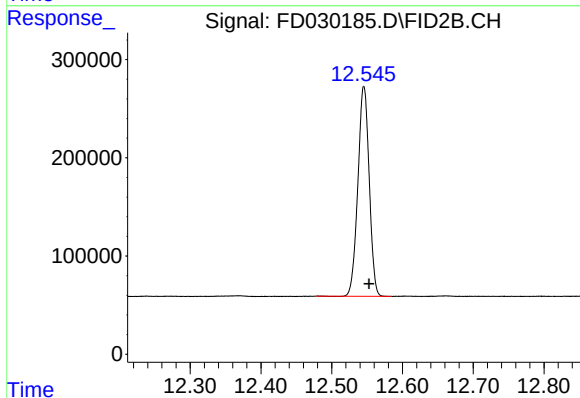
#8 n-Octadecane (C18)

R.T.: 11.244 min
Delta R.T.: -0.008 min
Response: 2460148
Conc: 19.24 ug/ml



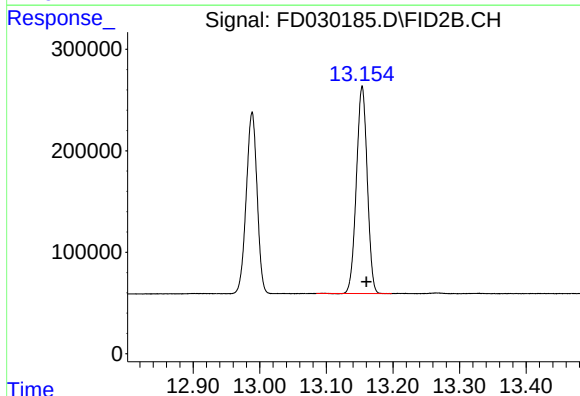
#9 ortho-Terphenyl (SURR)

R.T.: 11.562 min
Delta R.T.: -0.007 min
Response: 2522016
Conc: 18.35 ug/ml



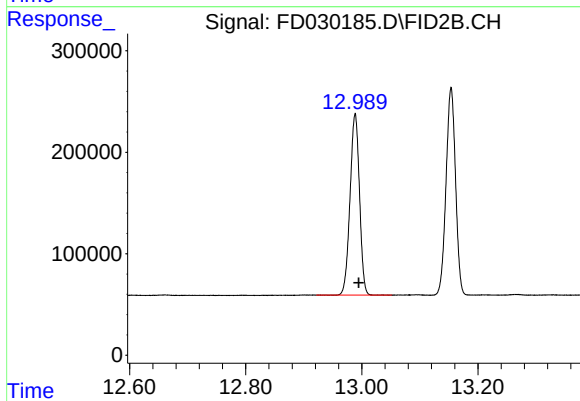
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: -0.007 min
Response: 2375297
Conc: 18.30 ug/ml



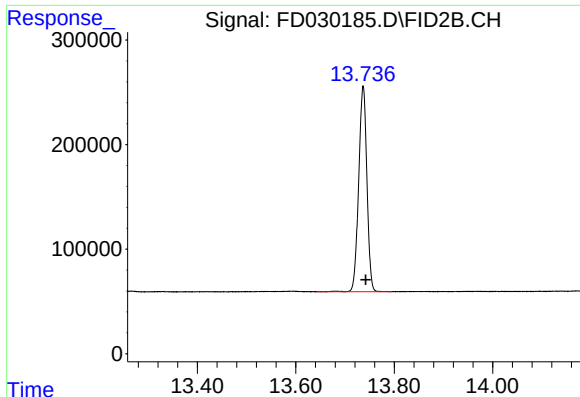
#11 n-Heneicosane (C21)

R.T.: 13.154 min
Delta R.T.: -0.007 min
Response: 2312236
Conc: 17.80 ug/ml



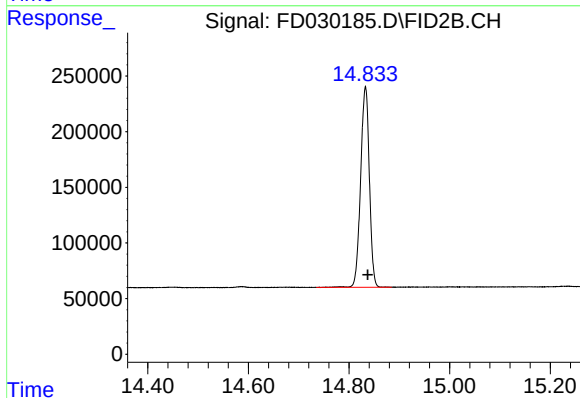
#12 1-chlorooctadecane (SURR)

R.T.: 12.988 min
Delta R.T.: -0.006 min
Response: 2019488
Conc: 17.71 ug/ml



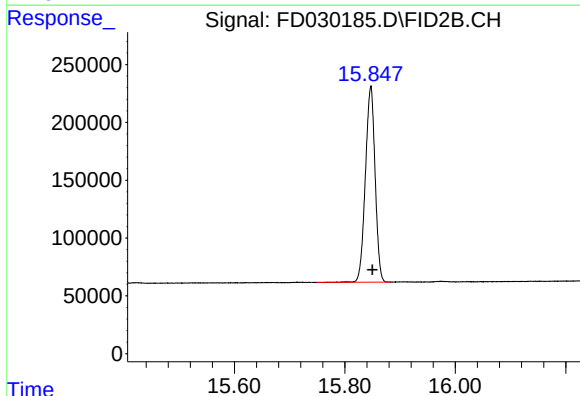
#13 n-Docosane (C22)

R.T.: 13.737 min
Delta R.T.: -0.005 min
Response: 2271832
Conc: 17.40 ug/ml



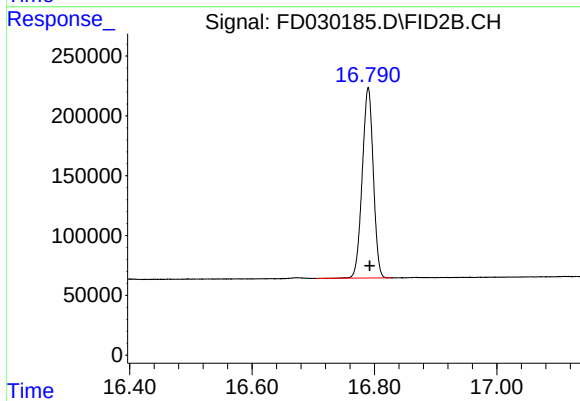
#14 n-Tetracosane (C24)

R.T.: 14.833 min
Delta R.T.: -0.005 min
Response: 2171726
Conc: 16.55 ug/ml



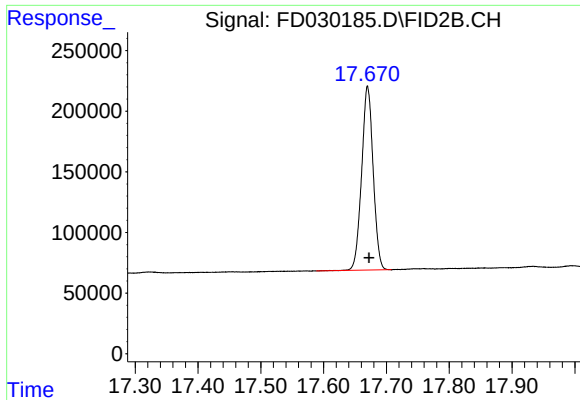
#15 n-Hexacosane (C26)

R.T.: 15.847 min
Delta R.T.: -0.003 min
Response: 2061401
Conc: 15.98 ug/ml



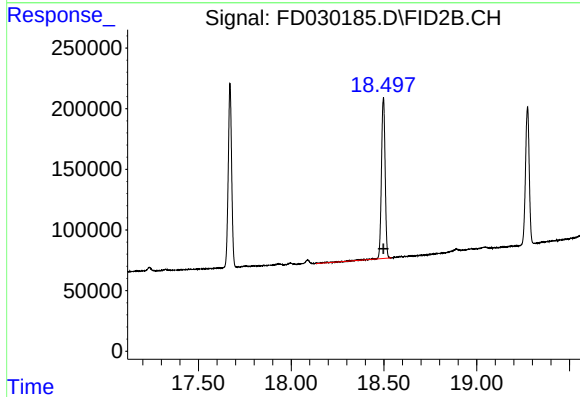
#16 n-Octacosane (C28)

R.T.: 16.790 min
Delta R.T.: -0.003 min
Response: 1995735
Conc: 15.73 ug/ml



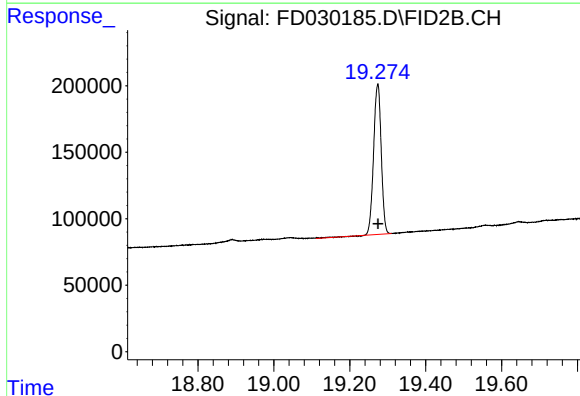
#17 n-Tricontane (C30)

R.T.: 17.670 min
Delta R.T.: -0.002 min
Response: 1927772
Conc: 15.91 ug/ml



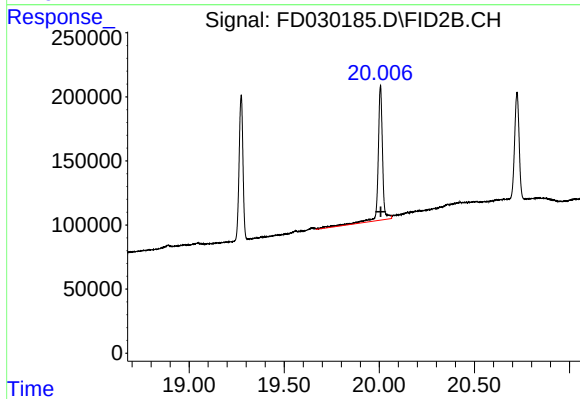
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: -0.001 min
Response: 1839723
Conc: 16.41 ug/ml



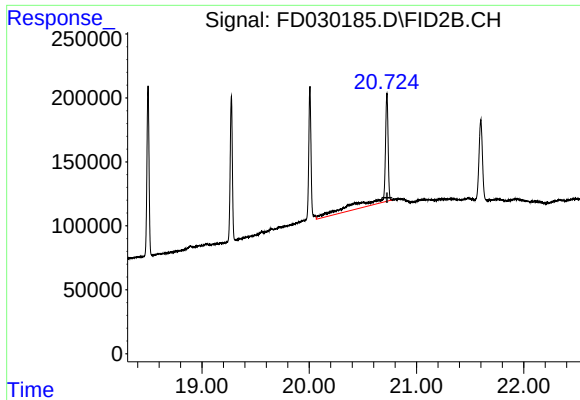
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: -0.001 min
Response: 1575467
Conc: 17.77 ug/ml



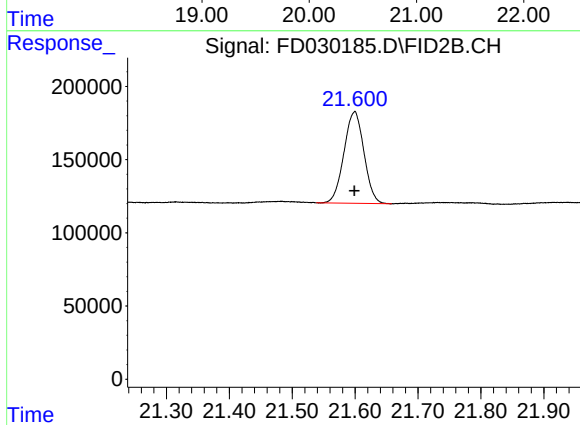
#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.001 min
Response: 1732956
Conc: 23.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: 0.000 min
Response: 2525390
Conc: 37.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: 0.000 min
Response: 1381451
Conc: 19.56 ug/ml