

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091619AL\
 Data File : FD030680.D
 Signal(s) : FID2B.CH
 Acq On : 16 Sep 2019 8:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 16 16:34:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 04:22:49 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)	11.488	2695953	18.535 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
12) S 1-chlorooctadecane (S...	12.916	2013288	18.434 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
Target Compounds			
1) T n-Nonane (C9)	3.304	2463443	19.736 ug/ml
2) T n-Decane (C10)	4.363	2497635	19.962 ug/ml
3) T A~Naphthalene (C11.7)	5.936	2788973	19.888 ug/ml
4) T n-Dodecane (C12)	6.368	2528481	19.986 ug/ml
5) T A~2-methylnaphthalene...	6.987	2814758	19.860 ug/ml
6) T n-Tetradecane (C14)	8.152	2513851	19.753 ug/ml
7) T n-Hexadecane (C16)	9.743	2499108	19.579 ug/ml
8) T n-Octadecane (C18)	11.175	2465653	19.234 ug/ml
10) T n-Eicosane (C20)	12.475	2395481	18.797 ug/ml
11) T n-Heneicosane (C21)	13.082	2380967	18.612 ug/ml
13) T n-Docosane (C22)	13.664	2330134	18.294 ug/ml
14) T n-Tetracosane (C24)	14.758	2264255	17.831 ug/ml
15) T n-Hexacosane (C26)	15.772	2182861	17.549 ug/ml
16) T n-Octacosane (C28)	16.713	2122777	17.411 ug/ml
17) T n-Tricontane (C30)	17.593	2101480	17.676 ug/ml
18) T n-Dotriacontane (C32)	18.419	2095649	18.277 ug/ml
19) T n-Tetratriacontane (C34)	19.196	2045463	18.841 ug/ml
20) T n-Hexatriacontane (C36)	19.928	2422960	23.604 ug/ml
21) T n-Octatriacontane (C38)	20.636	2407170	24.808 ug/ml
22) T n-Tetracontane (C40)	21.482	1970505	19.217 ug/ml

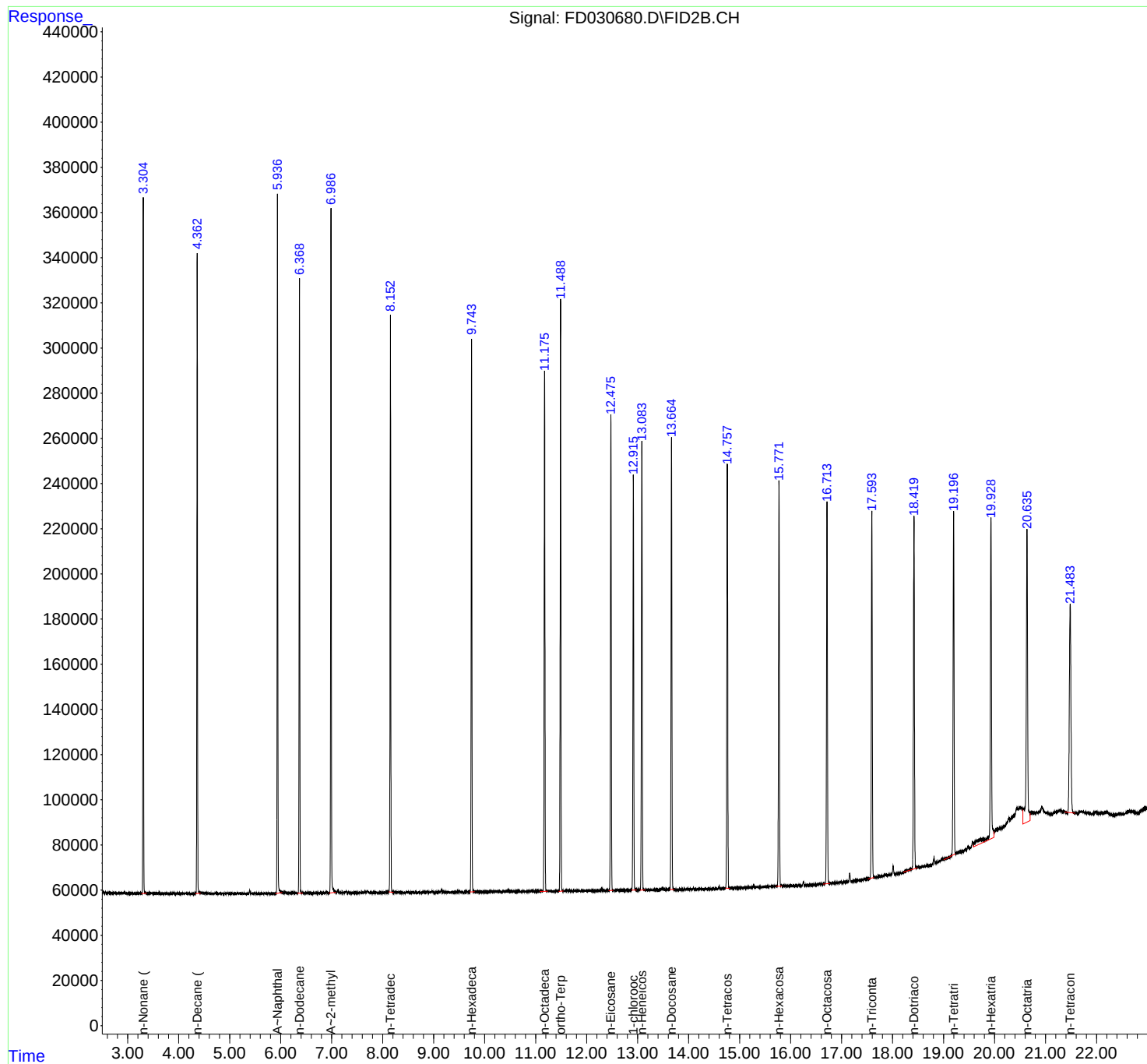
(f)=RT Delta > 1/2 Window

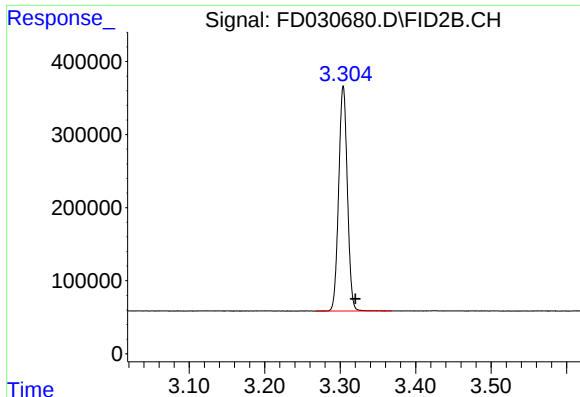
(m)=manual int.

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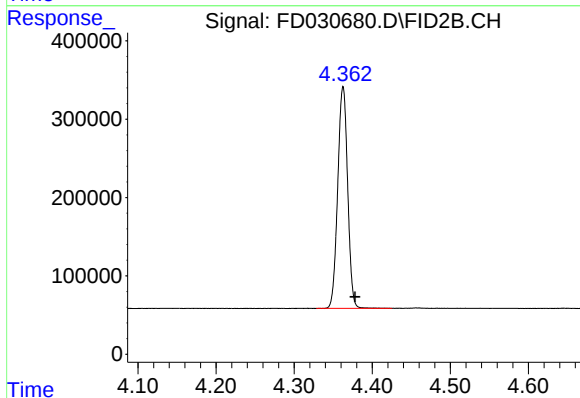
Volume Inj. : 1 uL
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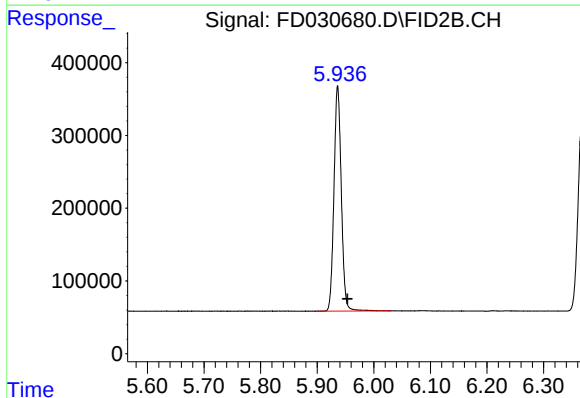
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.016 min
Response: 2463443
Conc: 19.74 ug/ml



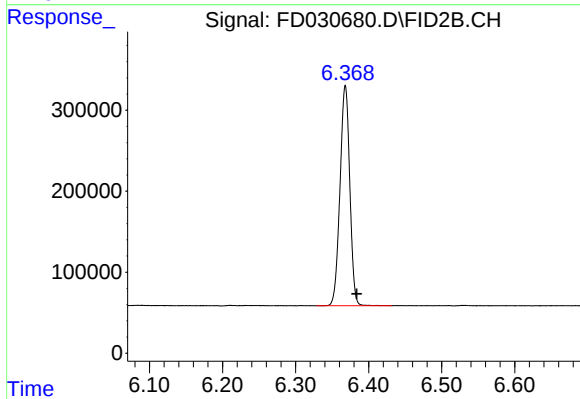
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.016 min
Response: 2497635
Conc: 19.96 ug/ml



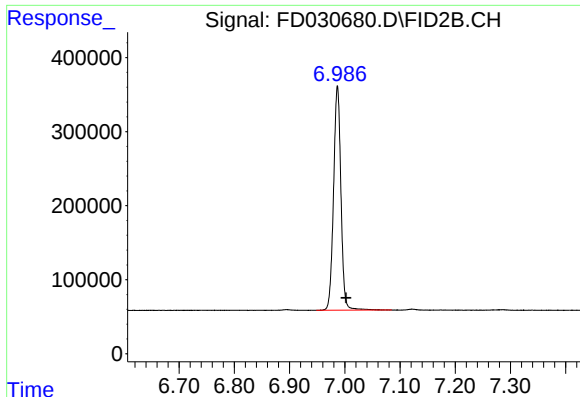
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.017 min
Response: 2788973
Conc: 19.89 ug/ml



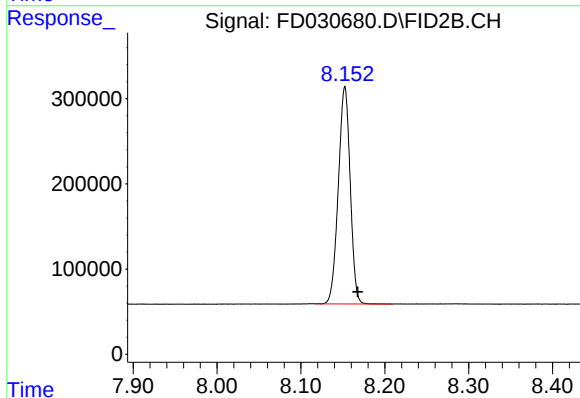
#4 n-Dodecane (C12)

R.T.: 6.368 min
Delta R.T.: -0.016 min
Response: 2528481
Conc: 19.99 ug/ml



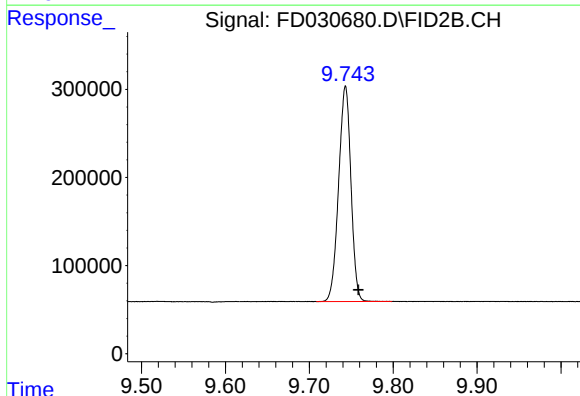
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: -0.016 min
Response: 2814758
Conc: 19.86 ug/ml



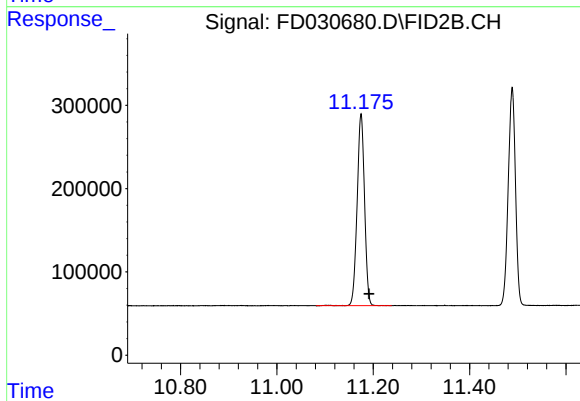
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: -0.016 min
Response: 2513851
Conc: 19.75 ug/ml



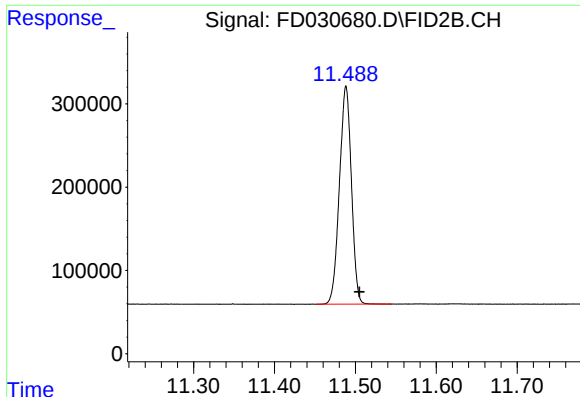
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: -0.015 min
Response: 2499108
Conc: 19.58 ug/ml



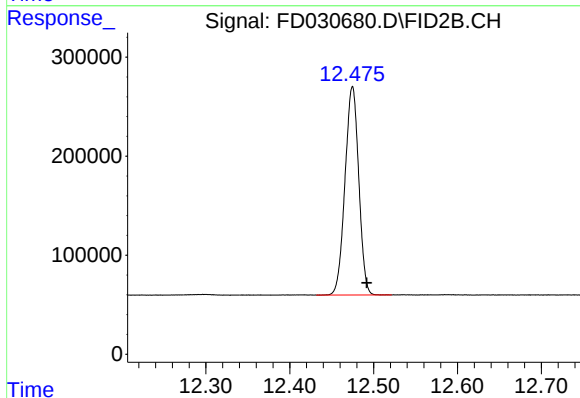
#8 n-Octadecane (C18)

R.T.: 11.175 min
Delta R.T.: -0.017 min
Response: 2465653
Conc: 19.23 ug/ml



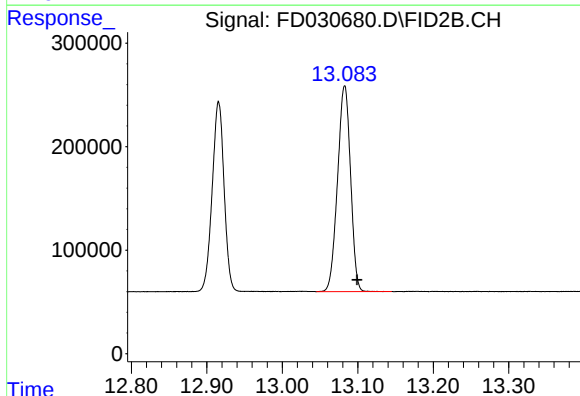
#9 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: -0.017 min
Response: 2695953
Conc: 18.53 ug/ml



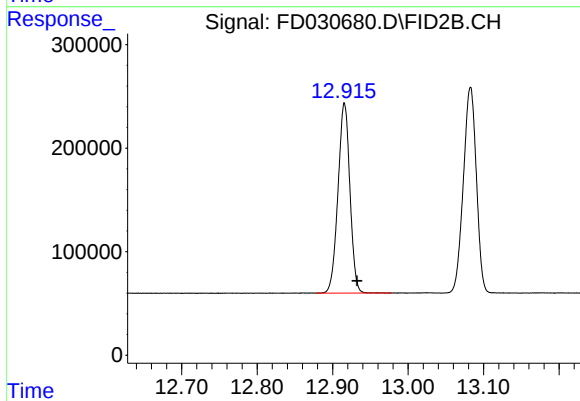
#10 n-Eicosane (C20)

R.T.: 12.475 min
Delta R.T.: -0.017 min
Response: 2395481
Conc: 18.80 ug/ml



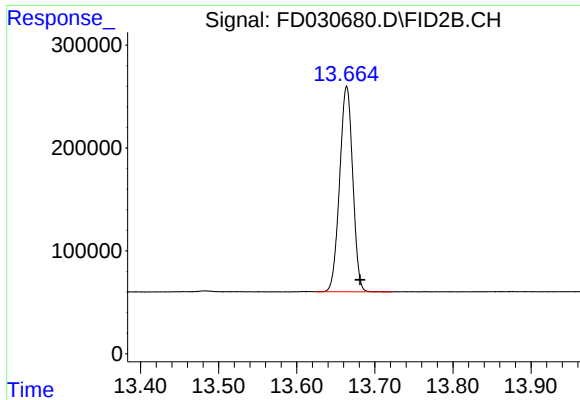
#11 n-Heneicosane (C21)

R.T.: 13.082 min
Delta R.T.: -0.016 min
Response: 2380967
Conc: 18.61 ug/ml



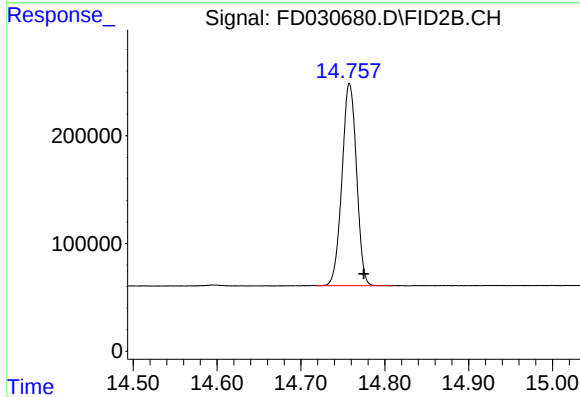
#12 1-chlorooctadecane (SURR)

R.T.: 12.916 min
Delta R.T.: -0.017 min
Response: 2013288
Conc: 18.43 ug/ml



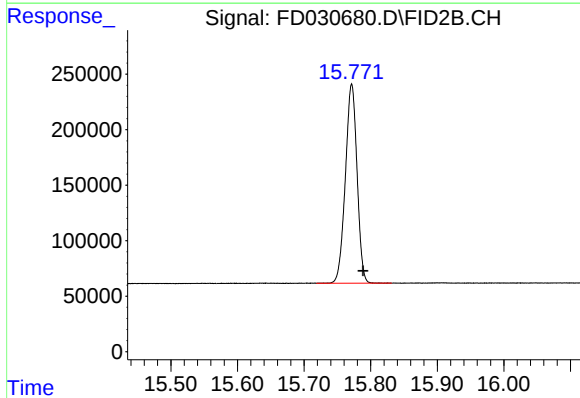
#13 n-Docosane (C22)

R.T.: 13.664 min
Delta R.T.: -0.017 min
Response: 2330134
Conc: 18.29 ug/ml



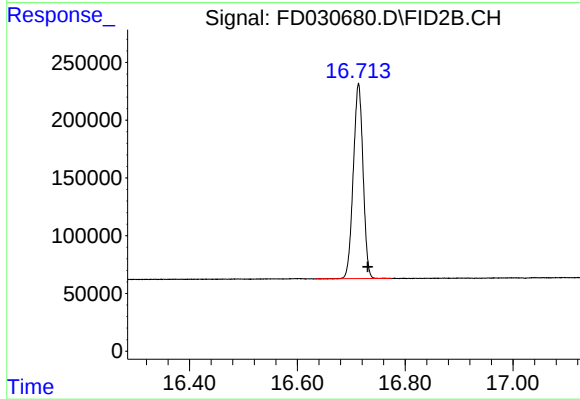
#14 n-Tetracosane (C24)

R.T.: 14.758 min
Delta R.T.: -0.017 min
Response: 2264255
Conc: 17.83 ug/ml



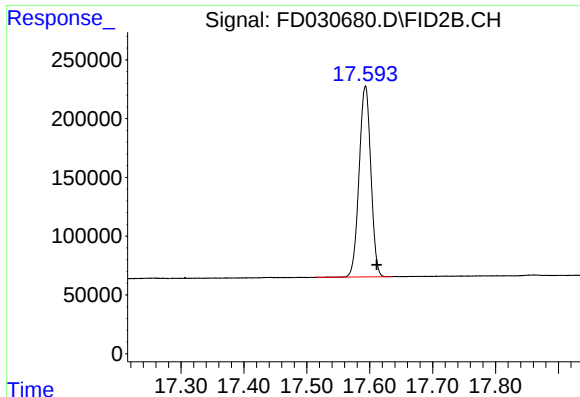
#15 n-Hexacosane (C26)

R.T.: 15.772 min
Delta R.T.: -0.017 min
Response: 2182861
Conc: 17.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.713 min
Delta R.T.: -0.017 min
Response: 2122777
Conc: 17.41 ug/ml



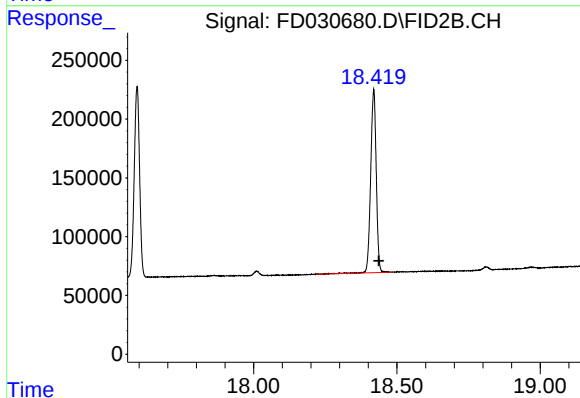
#17 n-Tricontane (C30)

R.T.: 17.593 min

Delta R.T.: -0.018 min

Response: 2101480

Conc: 17.68 ug/ml



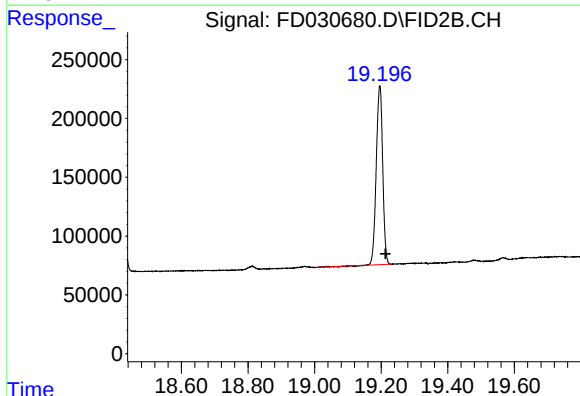
#18 n-Dotriacontane (C32)

R.T.: 18.419 min

Delta R.T.: -0.017 min

Response: 2095649

Conc: 18.28 ug/ml



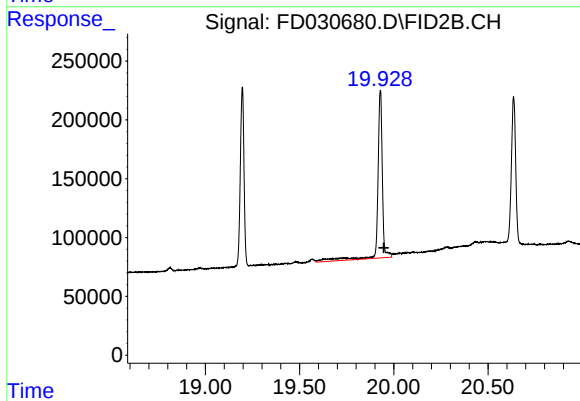
#19 n-Tetratriacontane (C34)

R.T.: 19.196 min

Delta R.T.: -0.017 min

Response: 2045463

Conc: 18.84 ug/ml



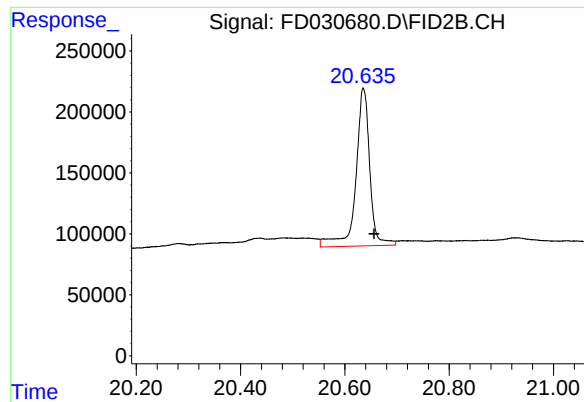
#20 n-Hexatriacontane (C36)

R.T.: 19.928 min

Delta R.T.: -0.018 min

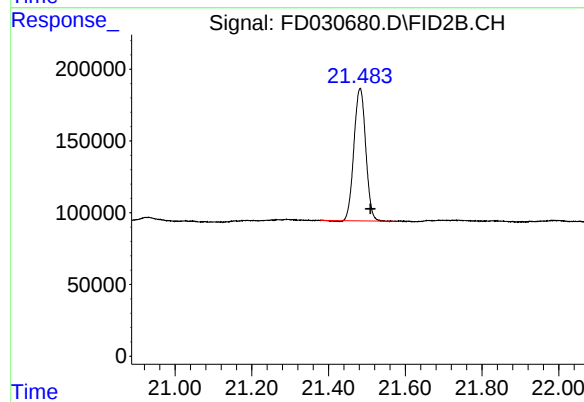
Response: 2422960

Conc: 23.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.636 min
Delta R.T.: -0.020 min
Response: 2407170
Conc: 24.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.482 min
Delta R.T.: -0.027 min
Response: 1970505
Conc: 19.22 ug/ml