

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011821AL\
 Data File : FD036078.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jan 2021 10:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 01:07:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 02:11:59 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)	11.538	2781244	18.762 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
12) S 1-chlorooctadecane (S...	12.970	2160463	18.367 ug/ml
Spiked Amount 50.000		Recovery =	36.73%
Target Compounds			
1) T n-Nonane (C9)	3.318	2770338	21.490 ug/ml
2) T n-Decane (C10)	4.383	2805439	21.560 ug/ml
3) T A~Naphthalene (C11.7)	5.965	3127312	21.354 ug/ml
4) T n-Dodecane (C12)	6.397	2859412	21.503 ug/ml
5) T A~2-methylnaphthalene...	7.019	3168730	21.097 ug/ml
6) T n-Tetradecane (C14)	8.188	2836528	21.227 ug/ml
7) T n-Hexadecane (C16)	9.785	2732505	20.646 ug/ml
8) T n-Octadecane (C18)	11.223	2742049	19.929 ug/ml
10) T n-Eicosane (C20)	12.528	2634095	19.064 ug/ml
11) T n-Heneicosane (C21)	13.137	2559126	18.519 ug/ml
13) T n-Docosane (C22)	13.721	2489214	18.131 ug/ml
14) T n-Tetracosane (C24)	14.820	2349175	17.281 ug/ml
15) T n-Hexacosane (C26)	15.837	2214057	16.678 ug/ml
16) T n-Octacosane (C28)	16.783	2134756	16.499 ug/ml
17) T n-Tricontane (C30)	17.666	2072930	16.813 ug/ml
18) T n-Dotriacontane (C32)	18.494	1945278	17.650 ug/ml
19) T n-Tetratriacontane (C34)	19.274	1873149	18.895 ug/ml
20) T n-Hexatriacontane (C36)	20.008	1809392	20.117 ug/ml
21) T n-Octatriacontane (C38)	20.726	1724797	20.760 ug/ml
22) T n-Tetracontane (C40)	21.597	1734257	20.620 ug/ml

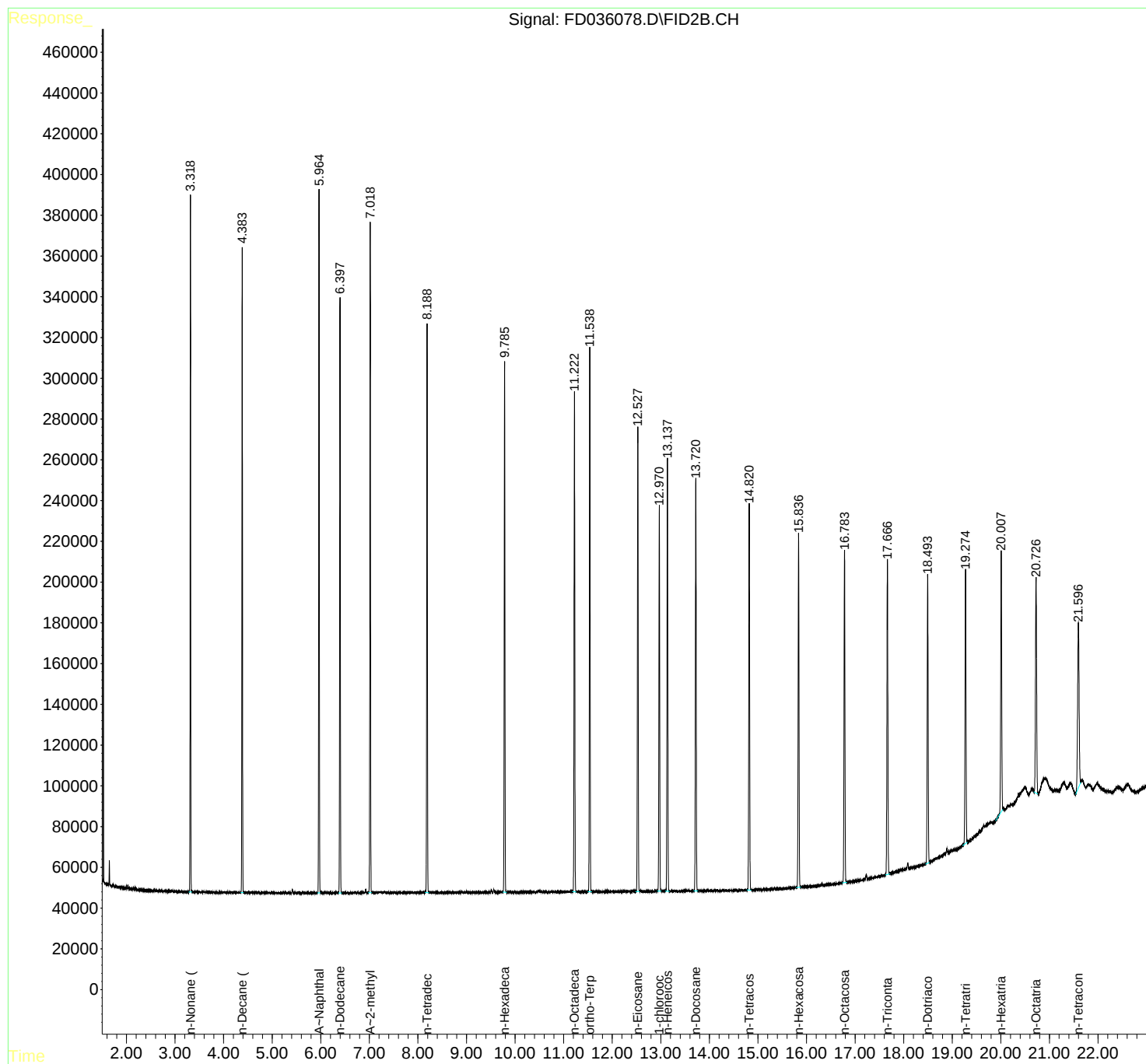
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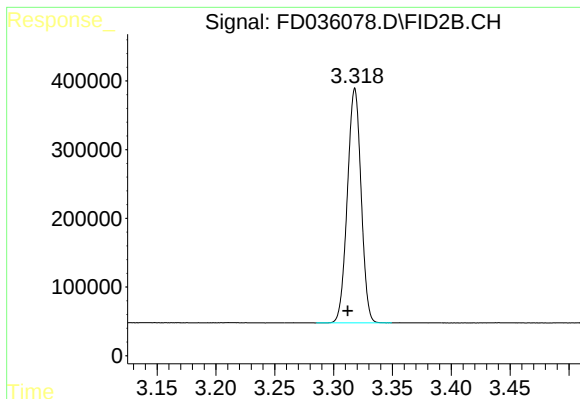
(m)=manual int.

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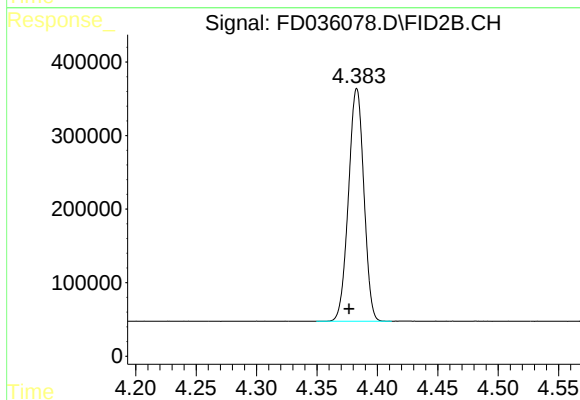
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Signal Info : 20M x 0.18mm x 0.18um





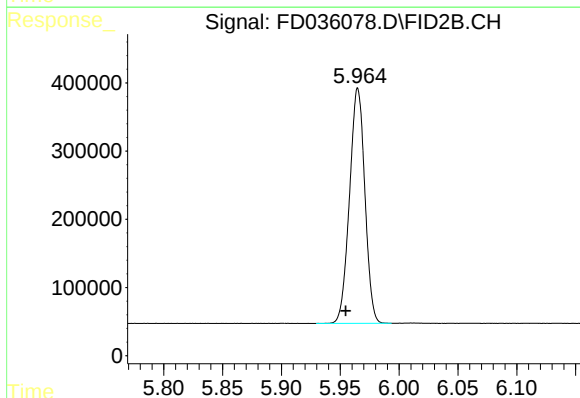
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: 0.006 min
Response: 2770338
Conc: 21.49 ug/ml



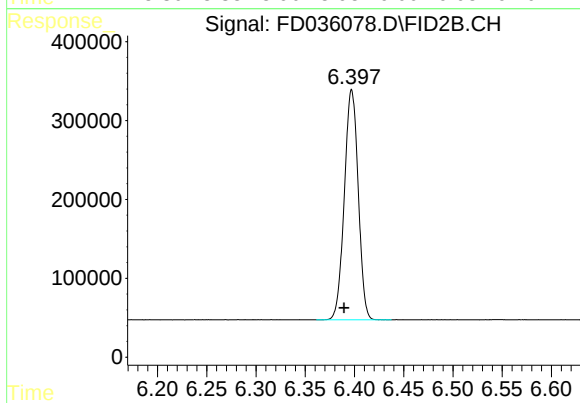
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.006 min
Response: 2805439
Conc: 21.56 ug/ml



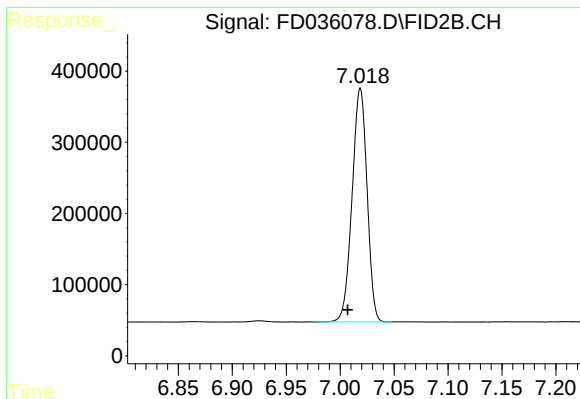
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: 0.010 min
Response: 3127312
Conc: 21.35 ug/ml



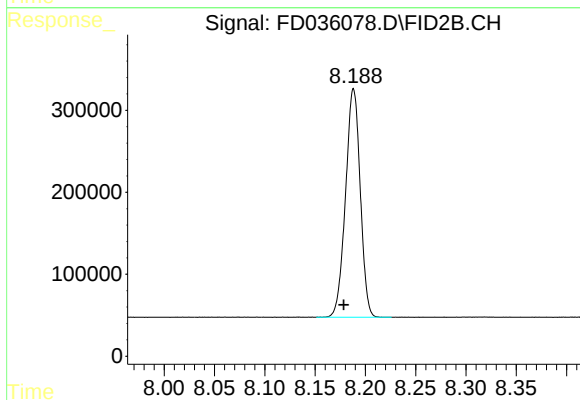
#4 n-Dodecane (C12)

R.T.: 6.397 min
Delta R.T.: 0.008 min
Response: 2859412
Conc: 21.50 ug/ml



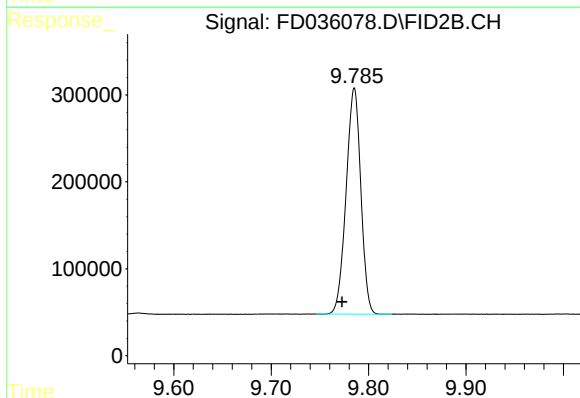
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.019 min
Delta R.T.: 0.012 min
Response: 3168730
Conc: 21.10 ug/ml



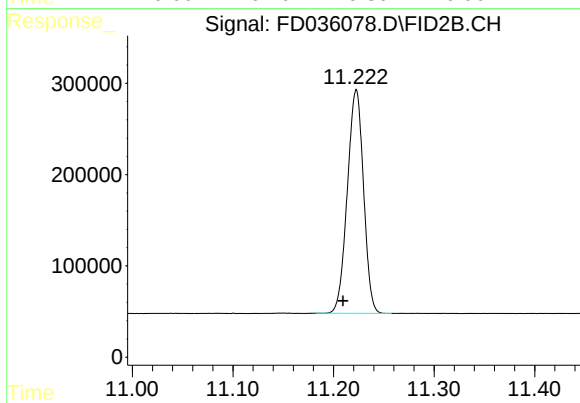
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.010 min
Response: 2836528
Conc: 21.23 ug/ml



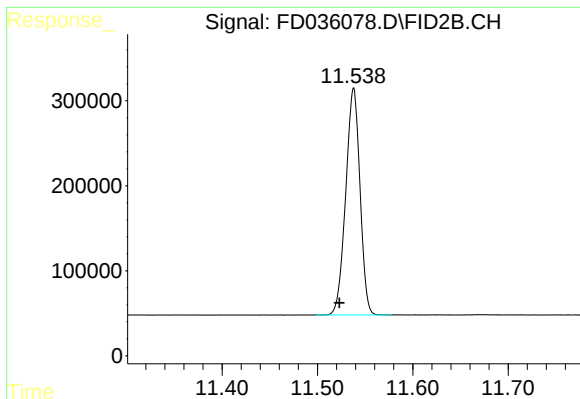
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: 0.013 min
Response: 2732505
Conc: 20.65 ug/ml



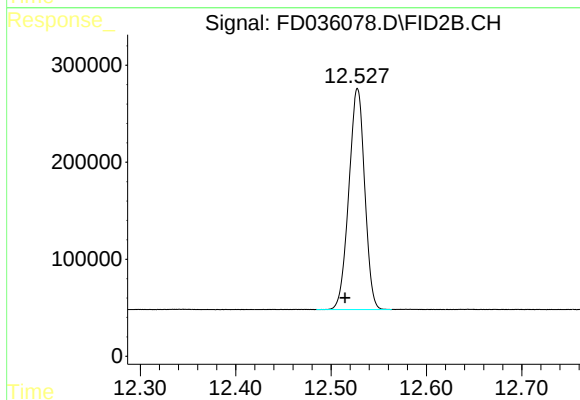
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: 0.013 min
Response: 2742049
Conc: 19.93 ug/ml



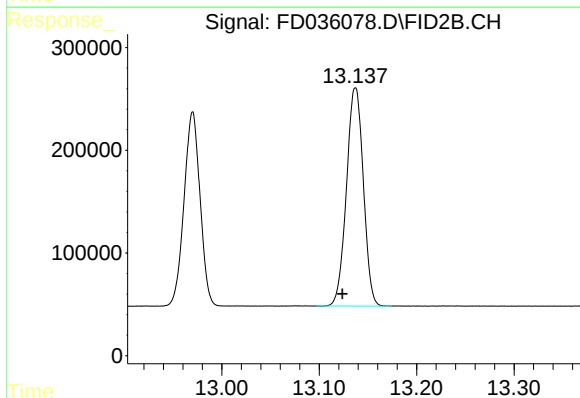
#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: 0.015 min
Response: 2781244
Conc: 18.76 ug/ml



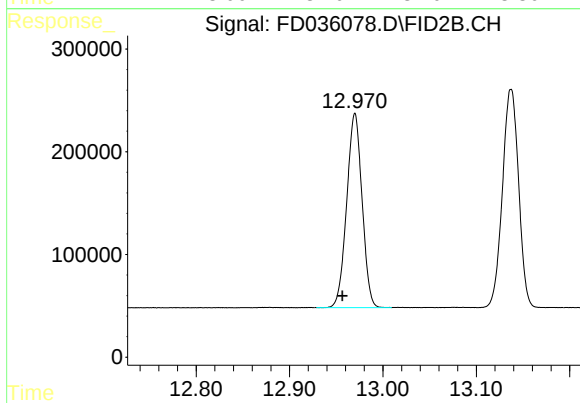
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.013 min
Response: 2634095
Conc: 19.06 ug/ml



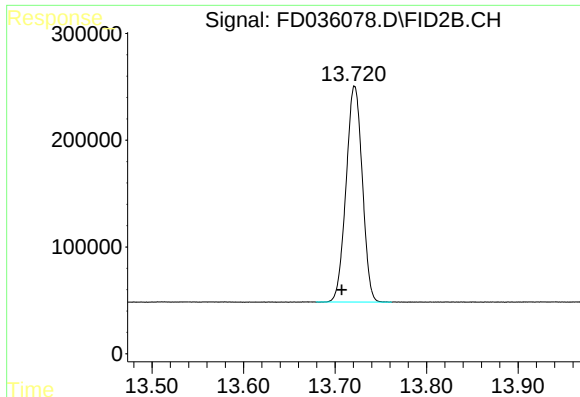
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.013 min
Response: 2559126
Conc: 18.52 ug/ml



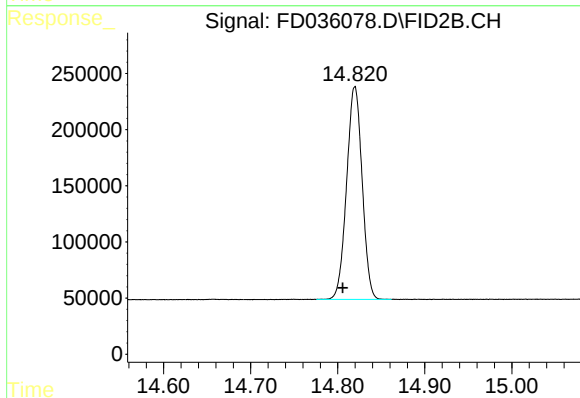
#12 1-chlorooctadecane (SURR)

R.T.: 12.970 min
Delta R.T.: 0.013 min
Response: 2160463
Conc: 18.37 ug/ml



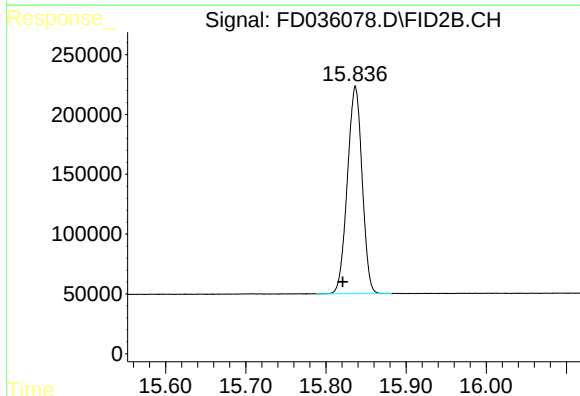
#13 n-Docosane (C22)

R.T.: 13.721 min
Delta R.T.: 0.014 min
Response: 2489214
Conc: 18.13 ug/ml



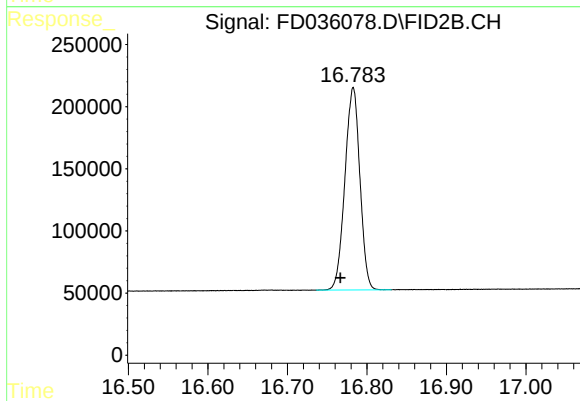
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: 0.014 min
Response: 2349175
Conc: 17.28 ug/ml



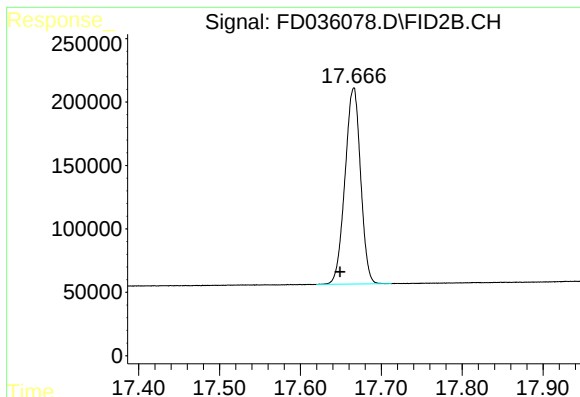
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.016 min
Response: 2214057
Conc: 16.68 ug/ml



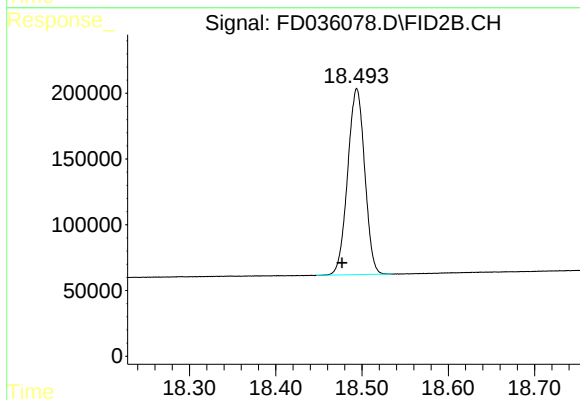
#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: 0.016 min
Response: 2134756
Conc: 16.50 ug/ml



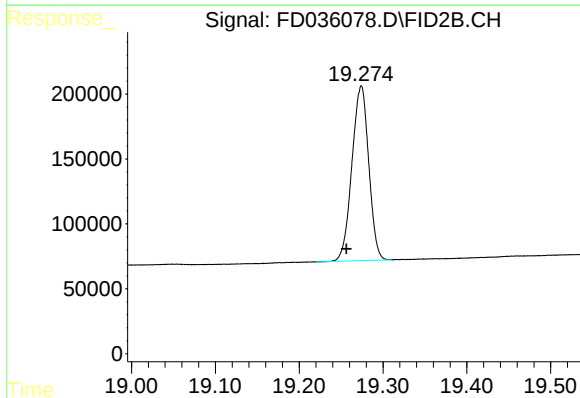
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: 0.017 min
Response: 2072930
Conc: 16.81 ug/ml



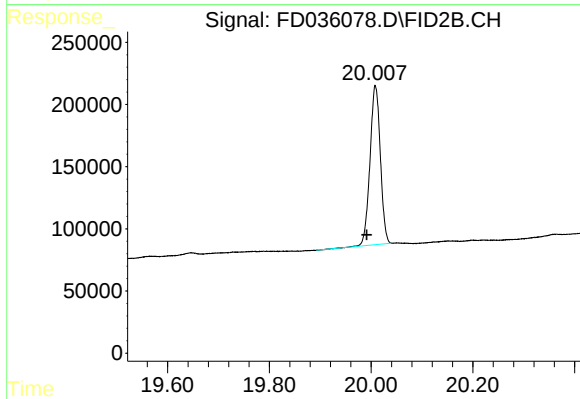
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: 0.017 min
Response: 1945278
Conc: 17.65 ug/ml



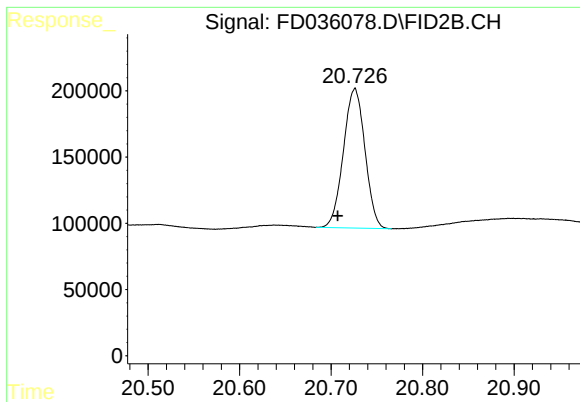
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: 0.018 min
Response: 1873149
Conc: 18.90 ug/ml



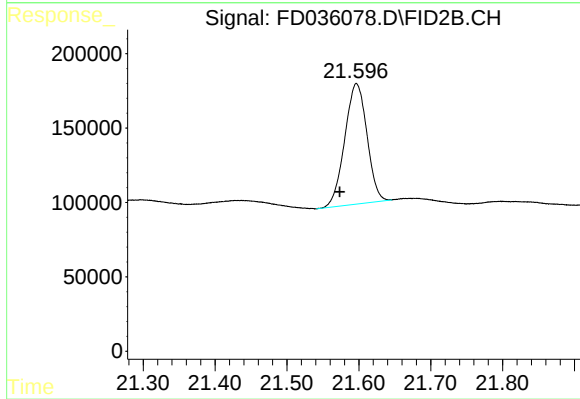
#20 n-Hexatriacontane (C36)

R.T.: 20.008 min
Delta R.T.: 0.017 min
Response: 1809392
Conc: 20.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: 0.019 min
Response: 1724797
Conc: 20.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.023 min
Response: 1734257
Conc: 20.62 ug/ml