

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111721AL\
 Data File : FD039490.D
 Signal(s) : FID2B.CH
 Acq On : 18 Nov 2021 10:59
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 18 11:52:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.658	2452484	19.222 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
12) S 1-chlorooctadecane (S...	13.085	1884188	18.130 ug/ml
Spiked Amount 50.000		Recovery =	36.26%
Target Compounds			
1) T n-Nonane (C9)	3.421	2269160	19.516 ug/ml
2) T n-Decane (C10)	4.490	2304413	19.711 ug/ml
3) T A~Naphthalene (C11.7)	6.081	2544621	19.744 ug/ml
4) T n-Dodecane (C12)	6.505	2309698	19.520 ug/ml
5) T A~2-methylnaphthalene...	7.136	2540993	19.348 ug/ml
6) T n-Tetradecane (C14)	8.298	2304020	19.547 ug/ml
7) T n-Hexadecane (C16)	9.895	2285434	19.072 ug/ml
8) T n-Octadecane (C18)	11.334	2322310	18.975 ug/ml
10) T n-Eicosane (C20)	12.641	2280923	18.494 ug/ml
11) T n-Heneicosane (C21)	13.250	2262251	18.065 ug/ml
13) T n-Docosane (C22)	13.835	2273635	18.306 ug/ml
14) T n-Tetracosane (C24)	14.935	2338793	18.841 ug/ml
15) T n-Hexacosane (C26)	15.952	2294939	18.682 ug/ml
16) T n-Octacosane (C28)	16.898	2262938	19.438 ug/ml
17) T n-Tricontane (C30)	17.783	2230601	18.937 ug/ml
18) T n-Dotriacontane (C32)	18.612	2163268	18.921 ug/ml
19) T n-Tetratriacontane (C34)	19.393	2098333	19.796 ug/ml
20) T n-Hexatriacontane (C36)	20.130	1981378	19.450 ug/ml
21) T n-Octatriacontane (C38)	20.867	1929876	20.110 ug/ml
22) T n-Tetracontane (C40)	21.788	1928645	20.906 ug/ml

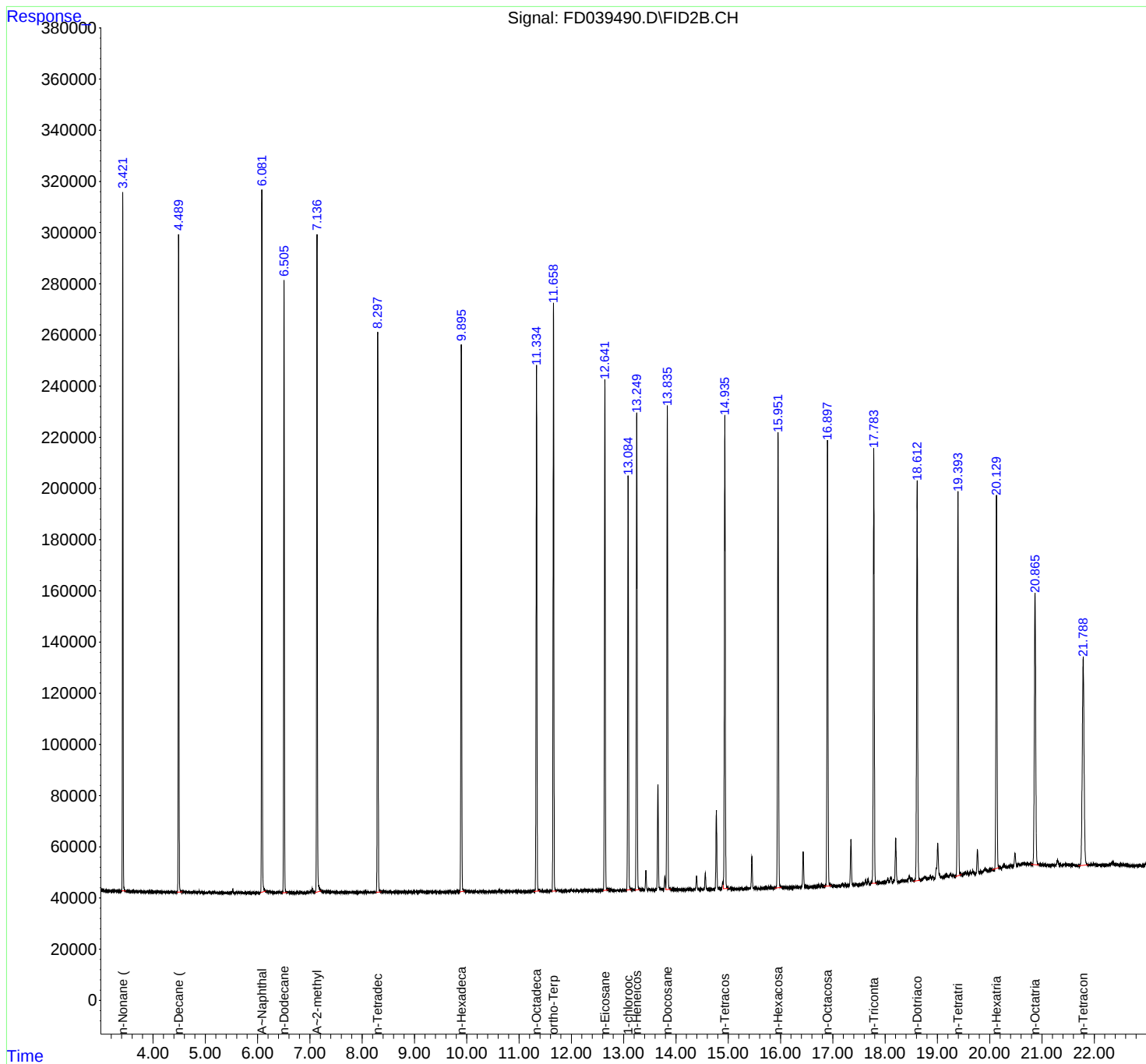
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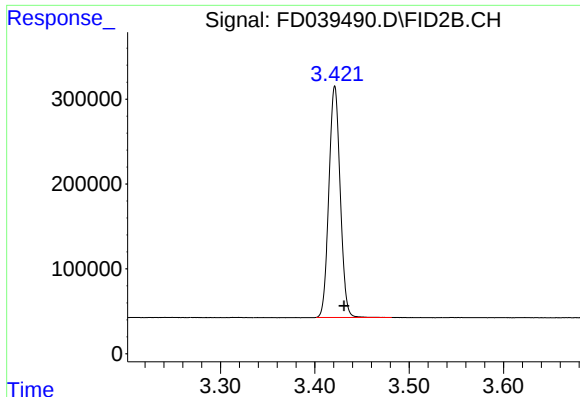
(m)=manual int.

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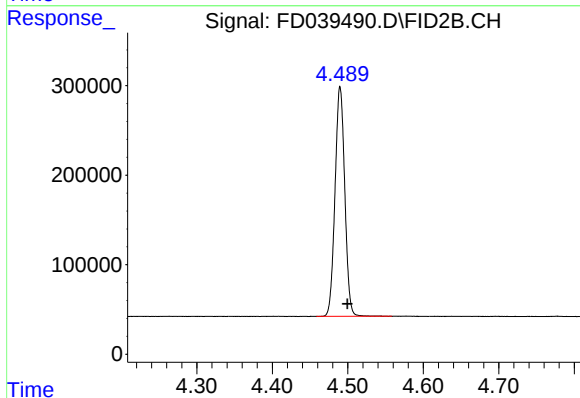
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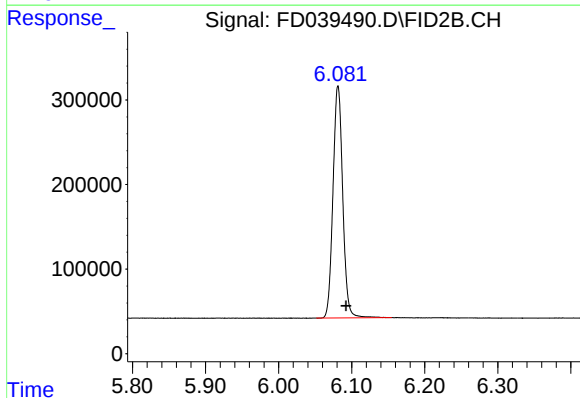
#1 n-Nonane (C9)

R.T.: 3.421 min
Delta R.T.: -0.010 min
Response: 2269160
Conc: 19.52 ug/ml



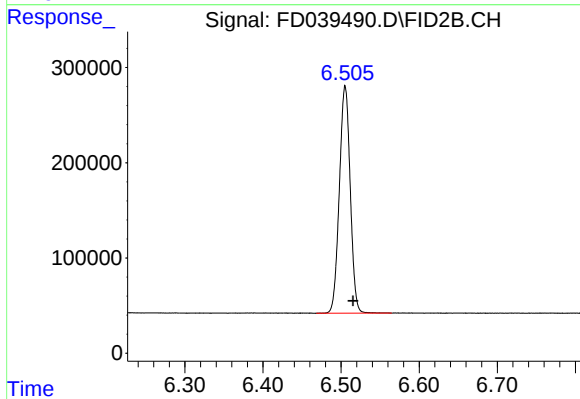
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: -0.010 min
Response: 2304413
Conc: 19.71 ug/ml



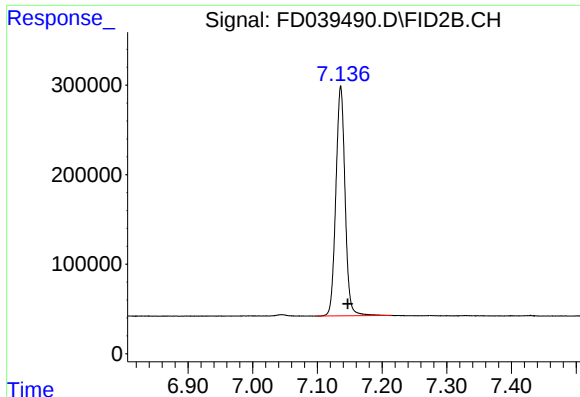
#3 A~Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: -0.011 min
Response: 2544621
Conc: 19.74 ug/ml



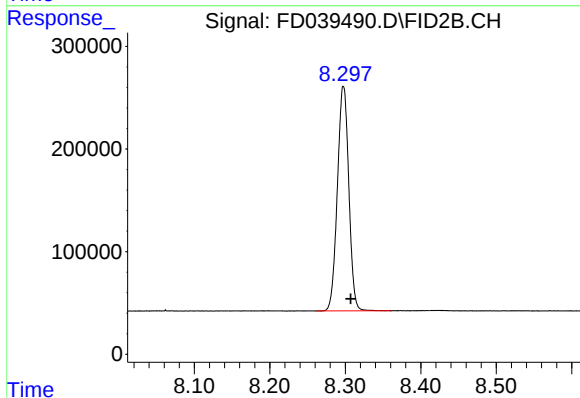
#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.010 min
Response: 2309698
Conc: 19.52 ug/ml



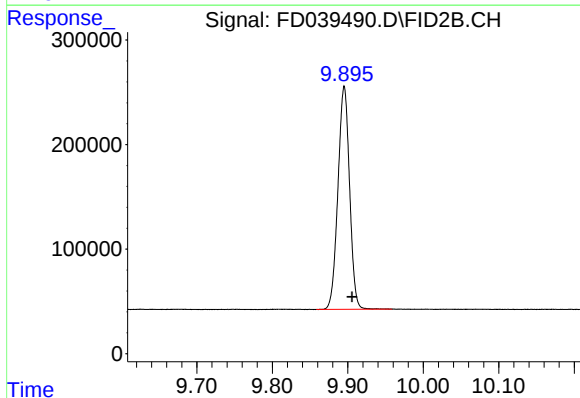
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: -0.011 min
Response: 2540993
Conc: 19.35 ug/ml



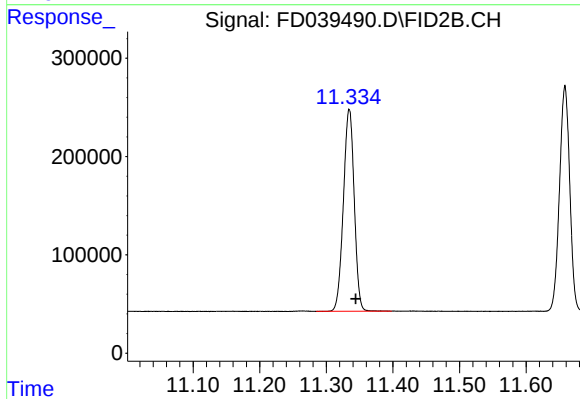
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: -0.010 min
Response: 2304020
Conc: 19.55 ug/ml



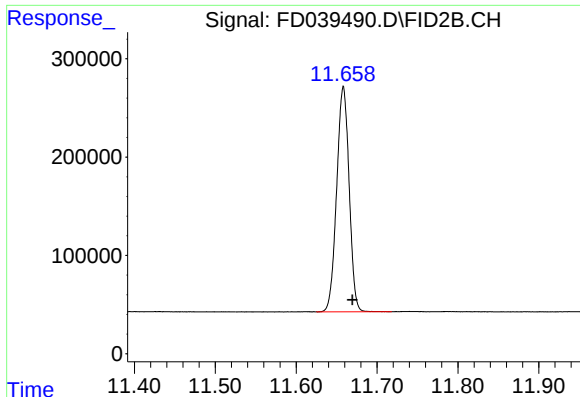
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.010 min
Response: 2285434
Conc: 19.07 ug/ml



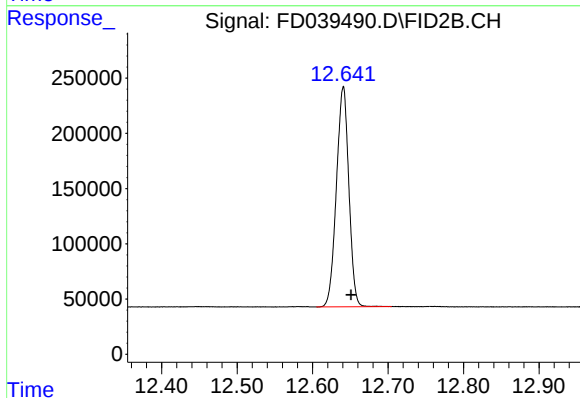
#8 n-Octadecane (C18)

R.T.: 11.334 min
Delta R.T.: -0.010 min
Response: 2322310
Conc: 18.98 ug/ml



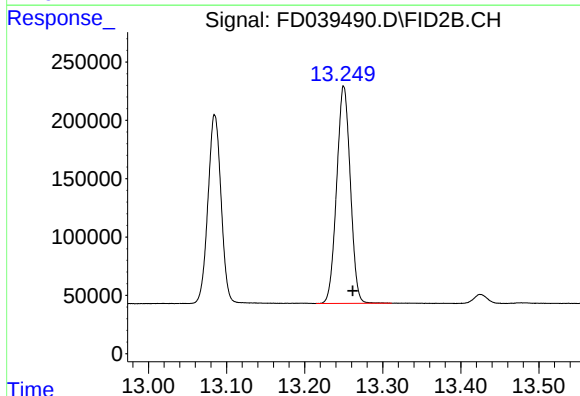
#9 ortho-Terphenyl (SURR)

R.T.: 11.658 min
Delta R.T.: -0.011 min
Response: 2452484
Conc: 19.22 ug/ml



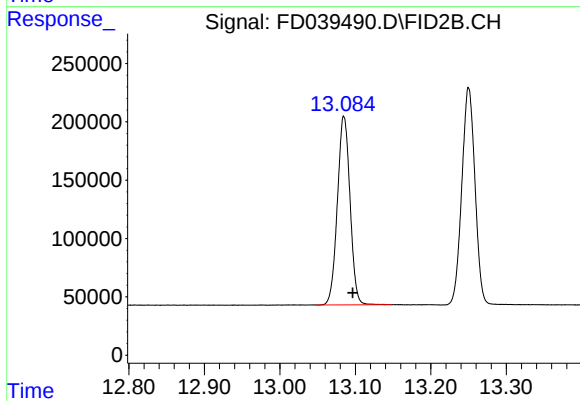
#10 n-Eicosane (C20)

R.T.: 12.641 min
Delta R.T.: -0.011 min
Response: 2280923
Conc: 18.49 ug/ml



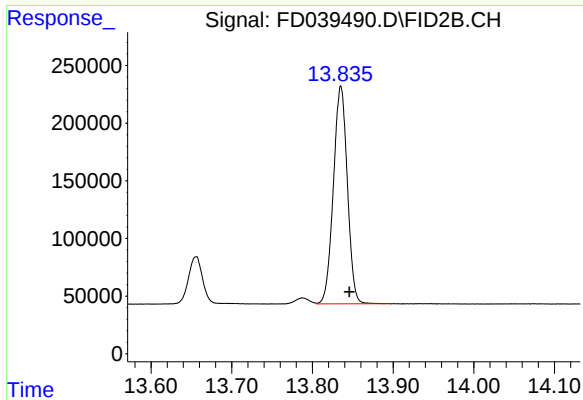
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: -0.011 min
Response: 2262251
Conc: 18.07 ug/ml



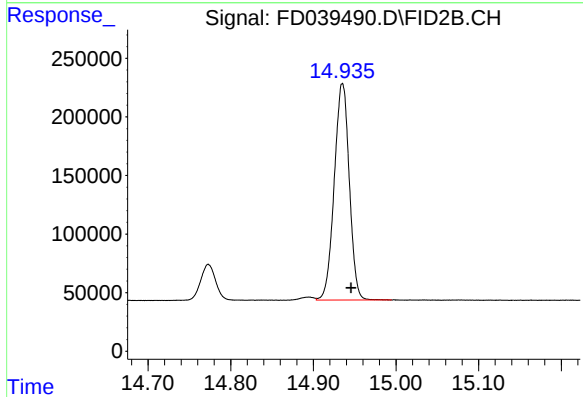
#12 1-chlorooctadecane (SURR)

R.T.: 13.085 min
Delta R.T.: -0.012 min
Response: 1884188
Conc: 18.13 ug/ml



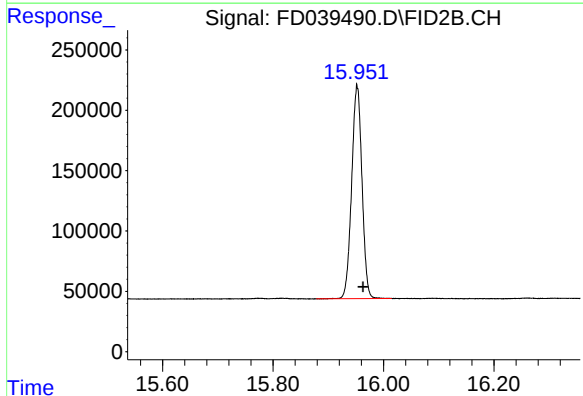
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.011 min
Response: 2273635
Conc: 18.31 ug/ml



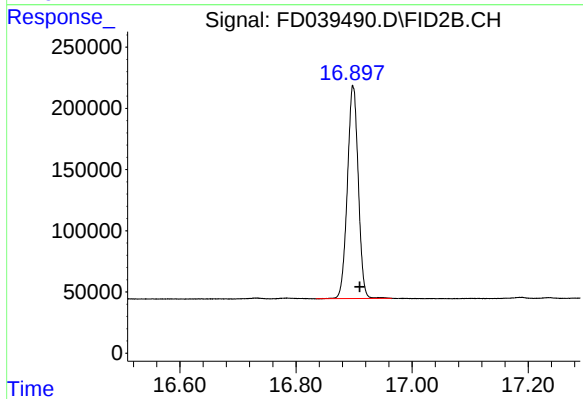
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: -0.011 min
Response: 2338793
Conc: 18.84 ug/ml



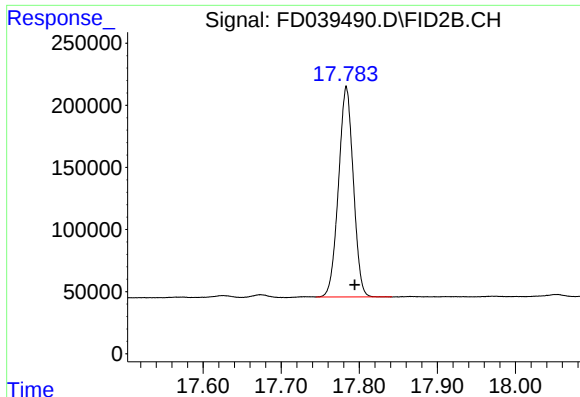
#15 n-Hexacosane (C26)

R.T.: 15.952 min
Delta R.T.: -0.011 min
Response: 2294939
Conc: 18.68 ug/ml



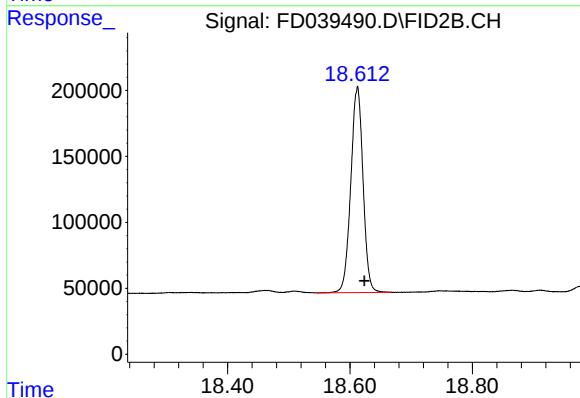
#16 n-Octacosane (C28)

R.T.: 16.898 min
Delta R.T.: -0.011 min
Response: 2262938
Conc: 19.44 ug/ml



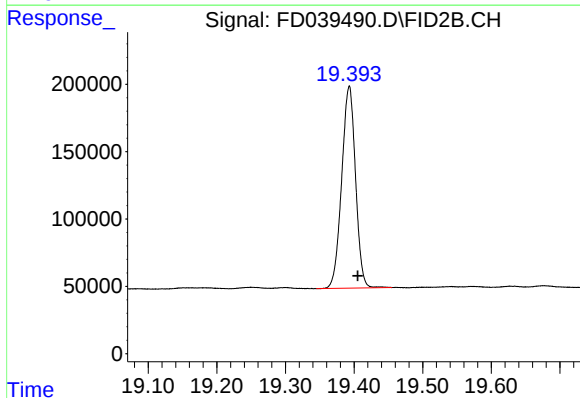
#17 n-Tricontane (C30)

R.T.: 17.783 min
Delta R.T.: -0.011 min
Response: 2230601
Conc: 18.94 ug/ml



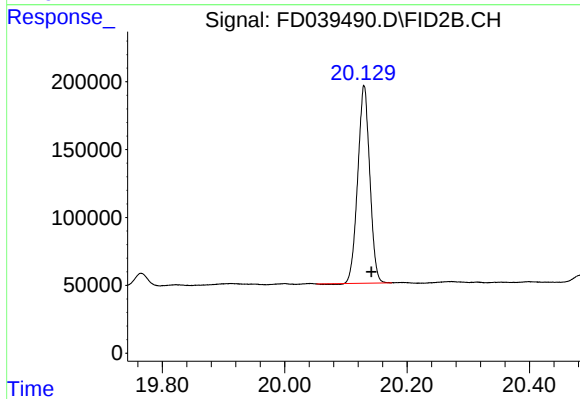
#18 n-Dotriacontane (C32)

R.T.: 18.612 min
Delta R.T.: -0.011 min
Response: 2163268
Conc: 18.92 ug/ml



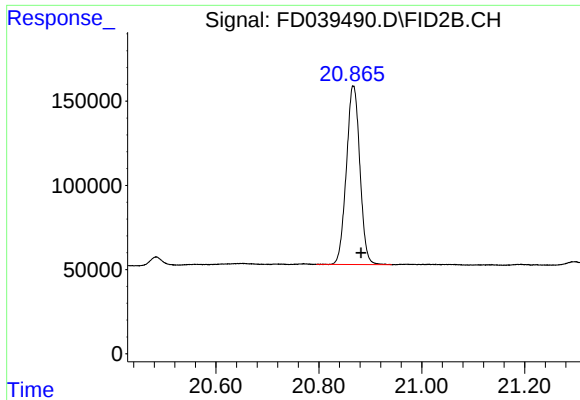
#19 n-Tetratriacontane (C34)

R.T.: 19.393 min
Delta R.T.: -0.013 min
Response: 2098333
Conc: 19.80 ug/ml



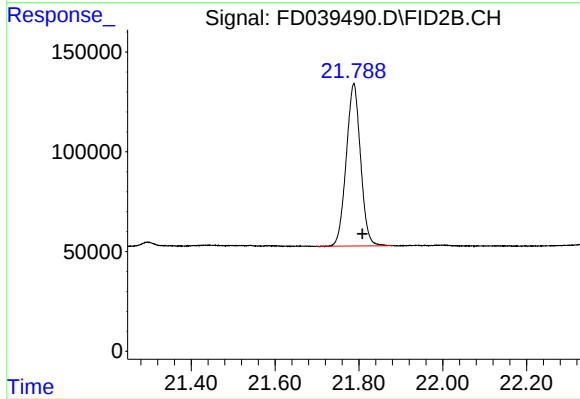
#20 n-Hexatriacontane (C36)

R.T.: 20.130 min
Delta R.T.: -0.012 min
Response: 1981378
Conc: 19.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.867 min
Delta R.T.: -0.015 min
Response: 1929876
Conc: 20.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.788 min
Delta R.T.: -0.021 min
Response: 1928645
Conc: 20.91 ug/ml