

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011521AL\
 Data File : FD036056.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jan 2021 9:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 15 22:16:31 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)	11.532	2977710	20.088 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	12.964	2324657	19.763 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T n-Nonane (C9)	3.316	2816274	21.846 ug/ml
2) T n-Decane (C10)	4.381	2854980	21.941 ug/ml
3) T A-Naphthalene (C11.7)	5.960	3194228	21.811 ug/ml
4) T n-Dodecane (C12)	6.395	2907187	21.862 ug/ml
5) T A~2-methylnaphthalene...	7.014	3253360	21.661 ug/ml
6) T n-Tetradecane (C14)	8.184	2893440	21.653 ug/ml
7) T n-Hexadecane (C16)	9.780	2809200	21.226 ug/ml
8) T n-Octadecane (C18)	11.218	2862093	20.801 ug/ml
10) T n-Eicosane (C20)	12.522	2792332	20.209 ug/ml
11) T n-Heneicosane (C21)	13.133	2740570	19.832 ug/ml
13) T n-Docosane (C22)	13.716	2678917	19.512 ug/ml
14) T n-Tetracosane (C24)	14.814	2552364	18.775 ug/ml
15) T n-Hexacosane (C26)	15.831	2402614	18.098 ug/ml
16) T n-Octacosane (C28)	16.775	2289914	17.699 ug/ml
17) T n-Tricontane (C30)	17.659	2192072	17.779 ug/ml
18) T n-Dotriacontane (C32)	18.487	2028452	18.404 ug/ml
19) T n-Tetratriacontane (C34)	19.266	1926620	19.435 ug/ml
20) T n-Hexatriacontane (C36)	20.002	1839874	20.456 ug/ml
21) T n-Octatriacontane (C38)	20.717	1807996	21.761 ug/ml
22) T n-Tetracontane (C40)	21.584	1861512	22.133 ug/ml

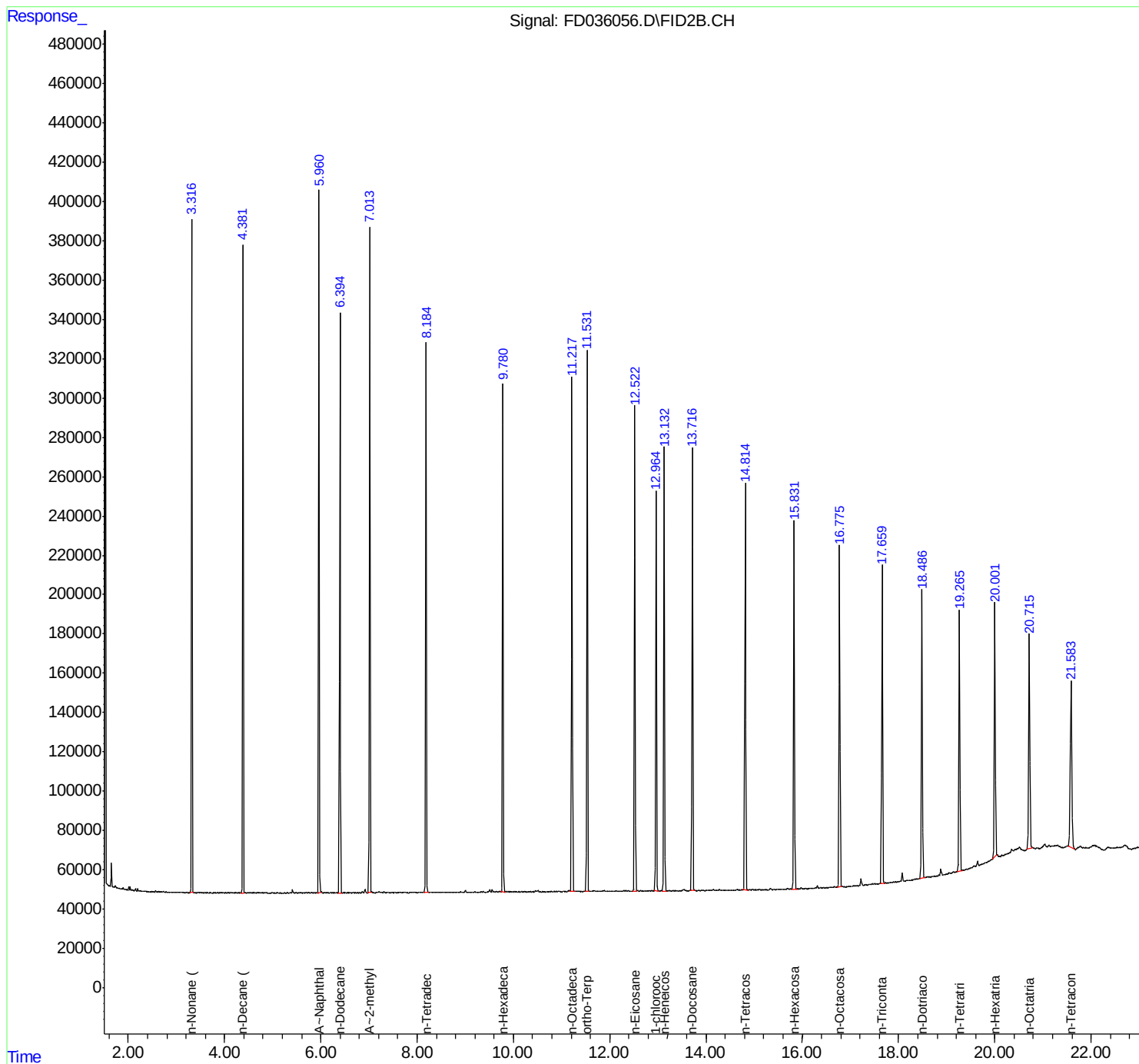
(f)=RT Delta > 1/2 Window

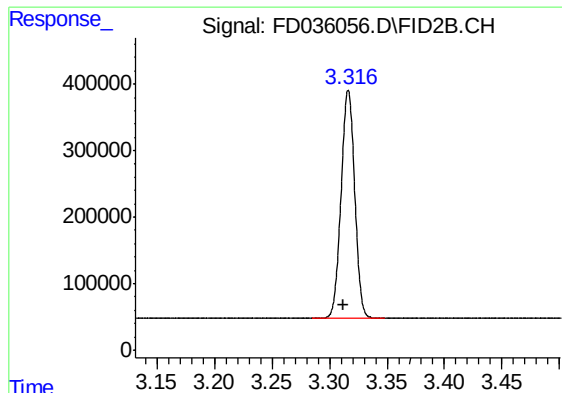
(m)=manual int.

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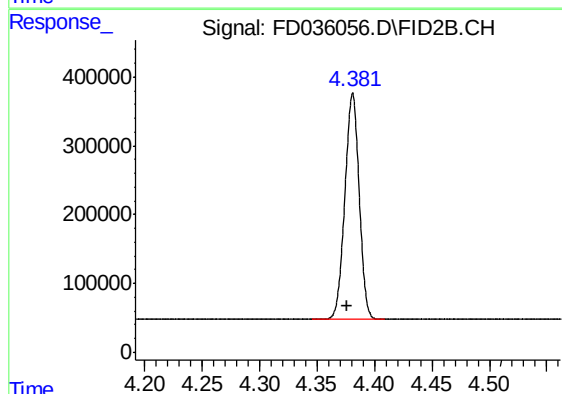
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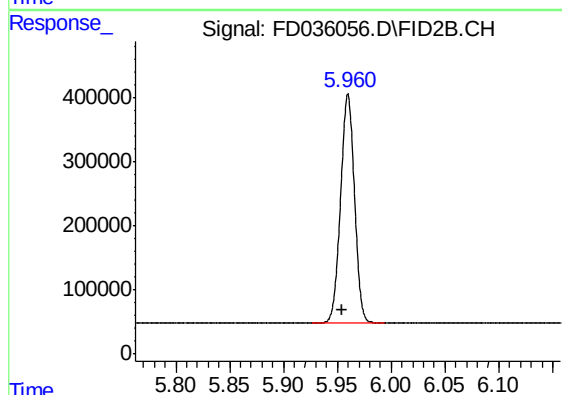
#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: 0.004 min
Response: 2816274
Conc: 21.85 ug/ml



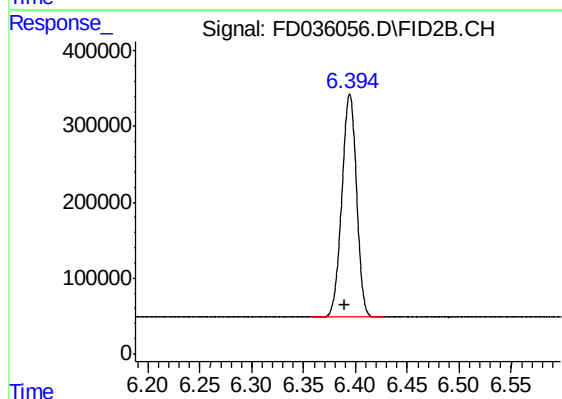
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.005 min
Response: 2854980
Conc: 21.94 ug/ml



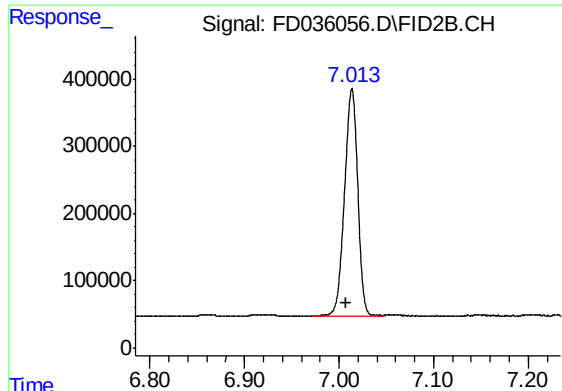
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: 0.005 min
Response: 3194228
Conc: 21.81 ug/ml



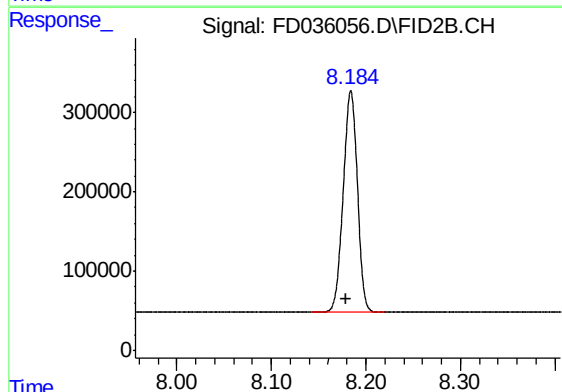
#4 n-Dodecane (C12)

R.T.: 6.395 min
Delta R.T.: 0.005 min
Response: 2907187
Conc: 21.86 ug/ml



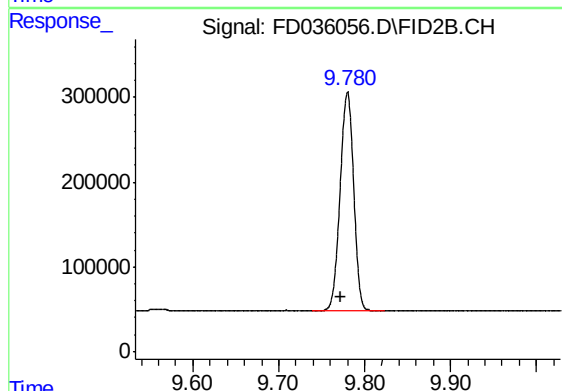
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: 0.007 min
Response: 3253360
Conc: 21.66 ug/ml



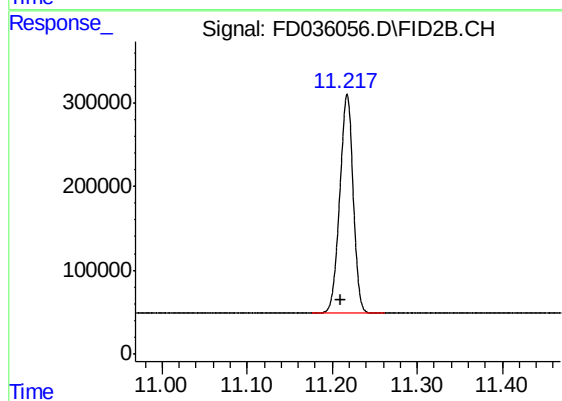
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.006 min
Response: 2893440
Conc: 21.65 ug/ml



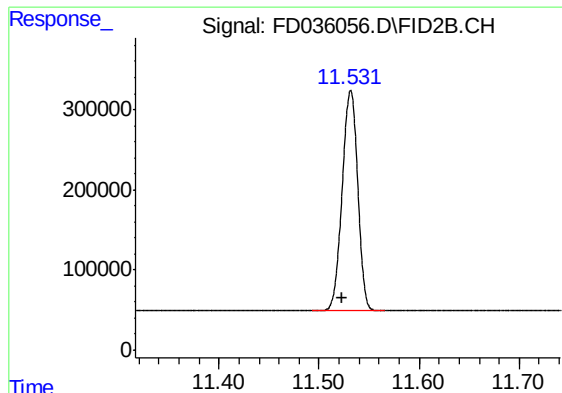
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.008 min
Response: 2809200
Conc: 21.23 ug/ml



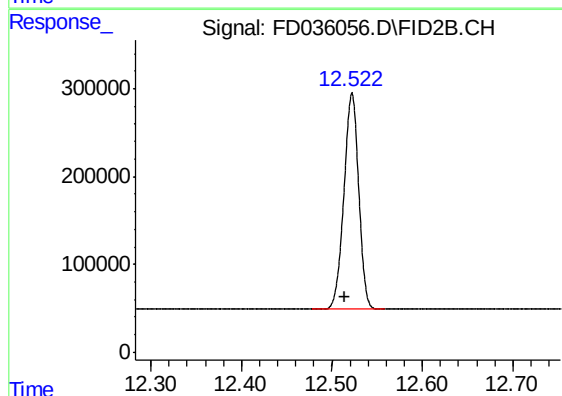
#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: 0.008 min
Response: 2862093
Conc: 20.80 ug/ml



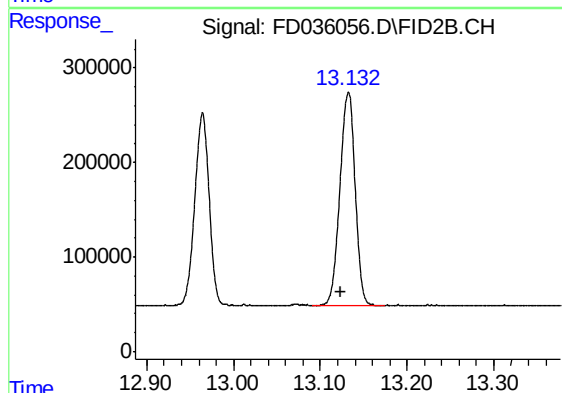
#9 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: 0.009 min
Response: 2977710
Conc: 20.09 ug/ml



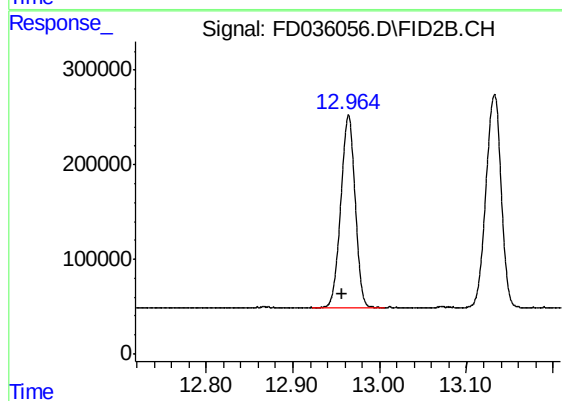
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: 0.008 min
Response: 2792332
Conc: 20.21 ug/ml



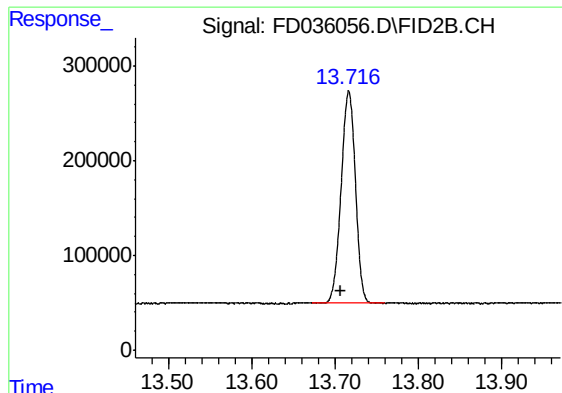
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: 0.009 min
Response: 2740570
Conc: 19.83 ug/ml



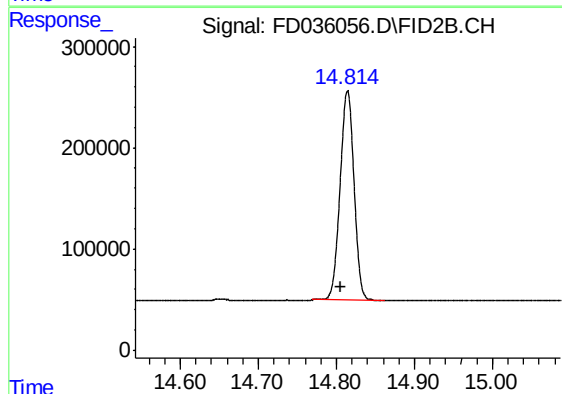
#12 1-chlorooctadecane (SURR)

R.T.: 12.964 min
Delta R.T.: 0.008 min
Response: 2324657
Conc: 19.76 ug/ml



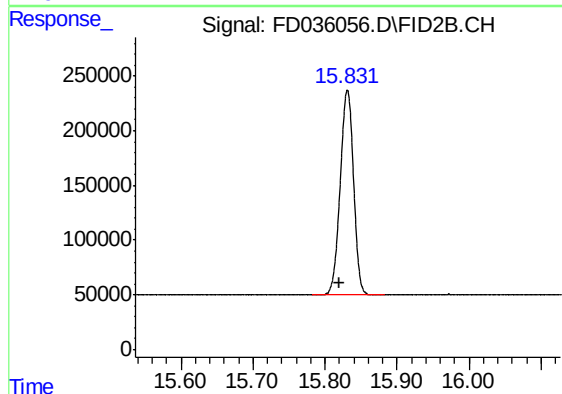
#13 n-Docosane (C22)

R.T.: 13.716 min
Delta R.T.: 0.009 min
Response: 2678917
Conc: 19.51 ug/ml



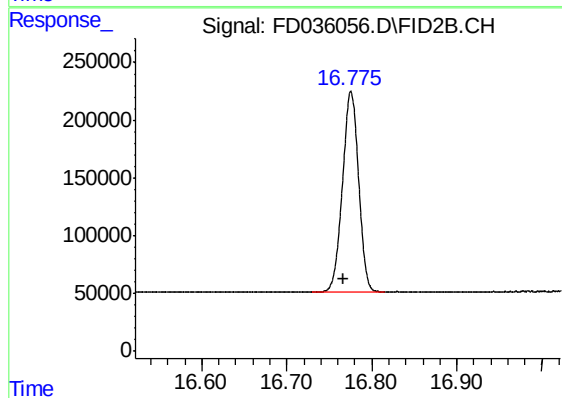
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: 0.009 min
Response: 2552364
Conc: 18.78 ug/ml



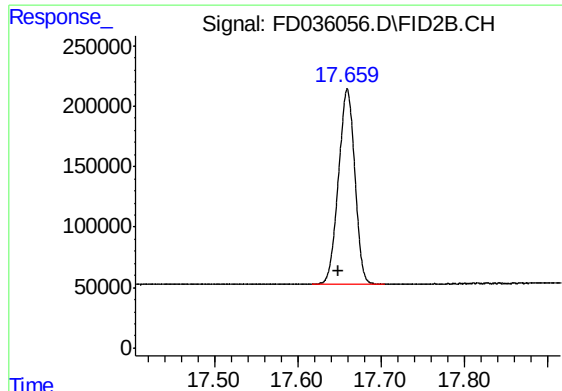
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: 0.010 min
Response: 2402614
Conc: 18.10 ug/ml



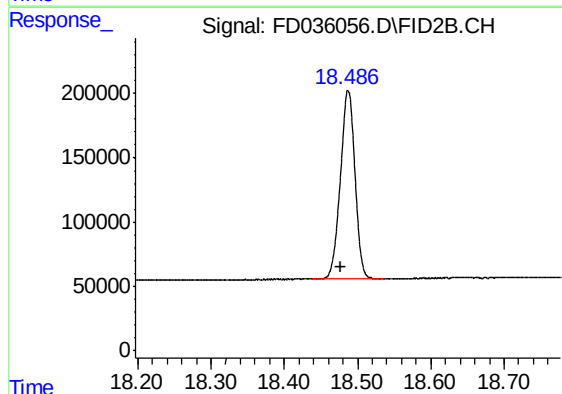
#16 n-Octacosane (C28)

R.T.: 16.775 min
Delta R.T.: 0.009 min
Response: 2289914
Conc: 17.70 ug/ml



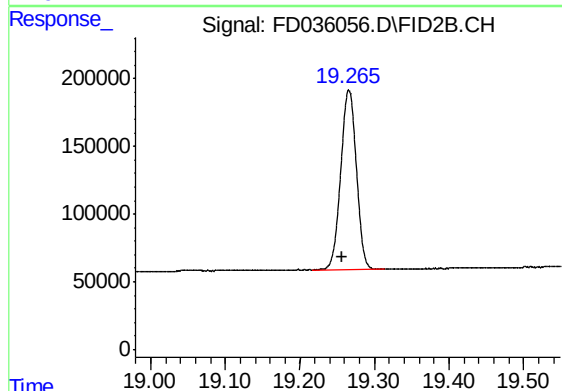
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: 0.010 min
Response: 2192072
Conc: 17.78 ug/ml



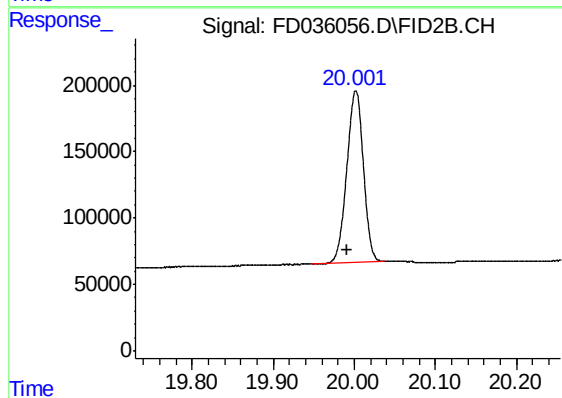
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: 0.010 min
Response: 2028452
Conc: 18.40 ug/ml



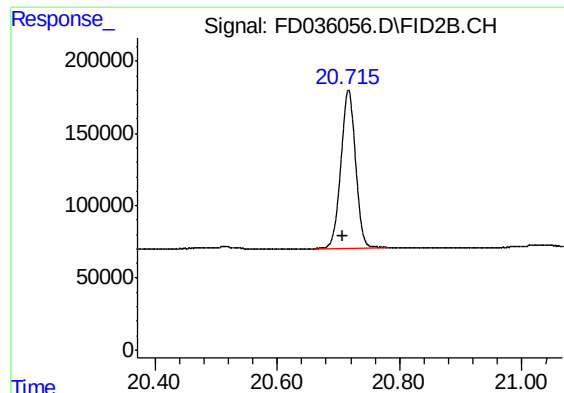
#19 n-Tetatriacontane (C34)

R.T.: 19.266 min
Delta R.T.: 0.009 min
Response: 1926620
Conc: 19.43 ug/ml



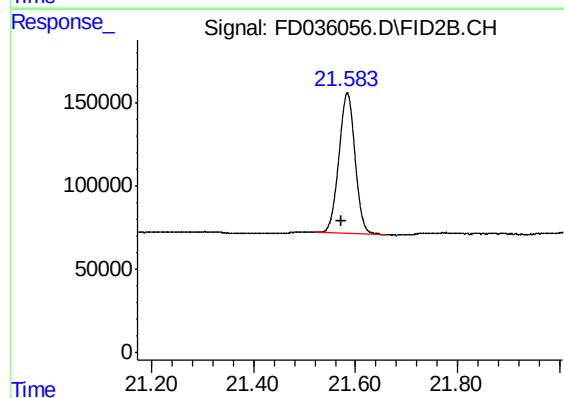
#20 n-Hexatriacontane (C36)

R.T.: 20.002 min
Delta R.T.: 0.011 min
Response: 1839874
Conc: 20.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: 0.009 min
Response: 1807996
Conc: 21.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.584 min
Delta R.T.: 0.010 min
Response: 1861512
Conc: 22.13 ug/ml