

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102820AL\
 Data File : FD035188.D
 Signal(s) : FID2B.CH
 Acq On : 28 Oct 2020 17:44
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 29 03:24:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 03:14:17 2020
 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)	11.547	2875576	22.174 ug/ml
Spiked Amount 50.000		Recovery =	44.35%
12) S 1-chlorooctadecane (S...	12.978	2290584	22.134 ug/ml
Spiked Amount 50.000		Recovery =	44.27%
Target Compounds			
1) T n-Nonane (C9)	3.338	2445802	21.710 ug/ml
2) T n-Decane (C10)	4.401	2480804	21.917 ug/ml
3) T A~Naphthalene (C11.7)	5.981	2714552	21.967 ug/ml
4) T n-Dodecane (C12)	6.412	2564116	22.212 ug/ml
5) T A~2-methylnaphthalene...	7.033	2779097	22.127 ug/ml
6) T n-Tetradecane (C14)	8.200	2581734	22.523 ug/ml
7) T n-Hexadecane (C16)	9.796	2558962	22.234 ug/ml
8) T n-Octadecane (C18)	11.231	2694368	22.275 ug/ml
10) T n-Eicosane (C20)	12.535	2738946	22.347 ug/ml
11) T n-Heneicosane (C21)	13.145	2715129	22.169 ug/ml
13) T n-Docosane (C22)	13.729	2785412	22.785 ug/ml
14) T n-Tetracosane (C24)	14.826	2866119	23.636 ug/ml
15) T n-Hexacosane (C26)	15.844	2832931	23.940 ug/ml
16) T n-Octacosane (C28)	16.788	2769375	23.939 ug/ml
17) T n-Tricontane (C30)	17.672	2614375	23.658 ug/ml
18) T n-Dotriacontane (C32)	18.499	2311290	23.009 ug/ml
19) T n-Tetratriacontane (C34)	19.278	2037755	22.165 ug/ml
20) T n-Hexatriacontane (C36)	20.013	1851969	22.095 ug/ml
21) T n-Octatriacontane (C38)	20.735	1729080	21.906 ug/ml
22) T n-Tetracontane (C40)	21.614	1743111	21.435 ug/ml

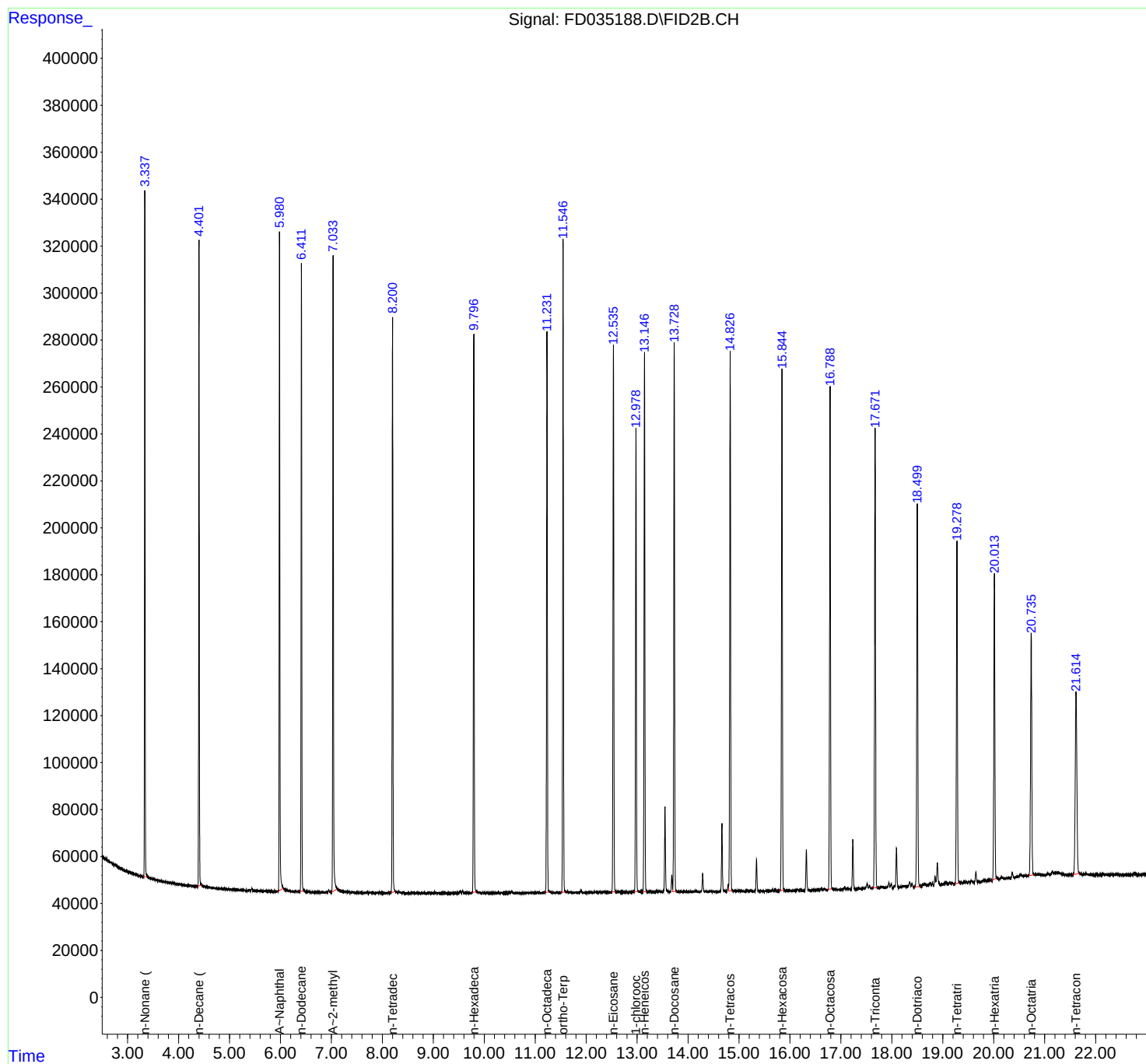
(f)=RT Delta > 1/2 Window

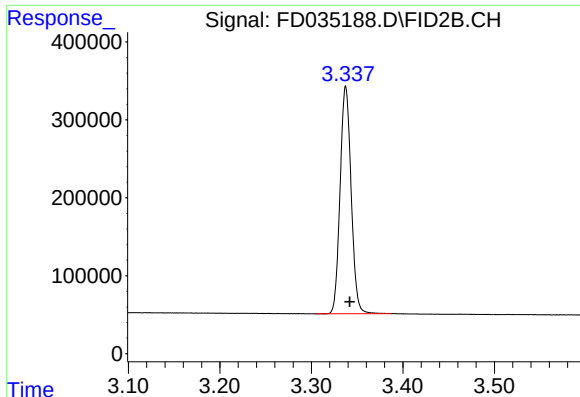
(m)=manual int.

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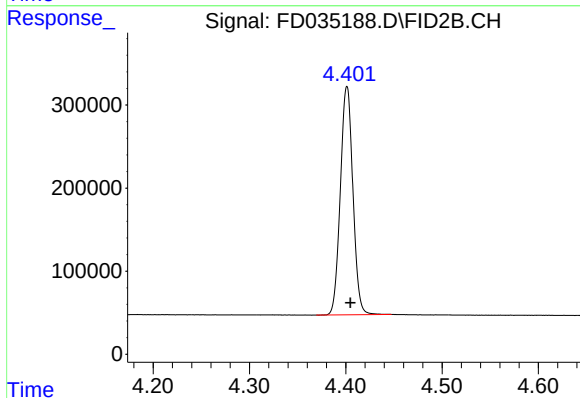
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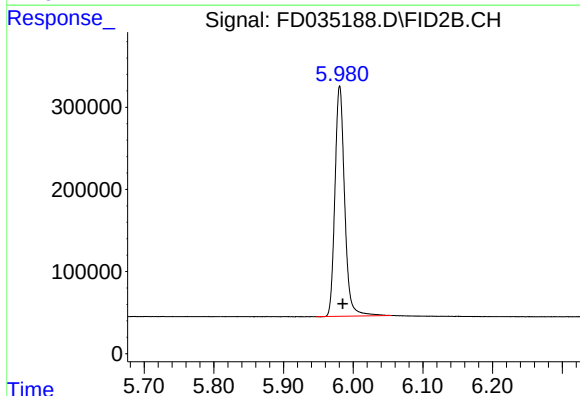
#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: -0.004 min
Response: 2445802
Conc: 21.71 ug/ml



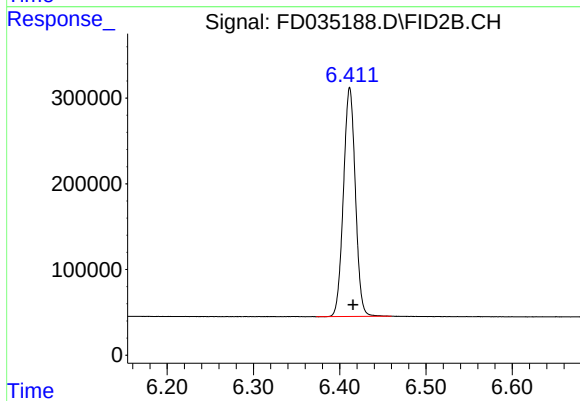
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: -0.004 min
Response: 2480804
Conc: 21.92 ug/ml



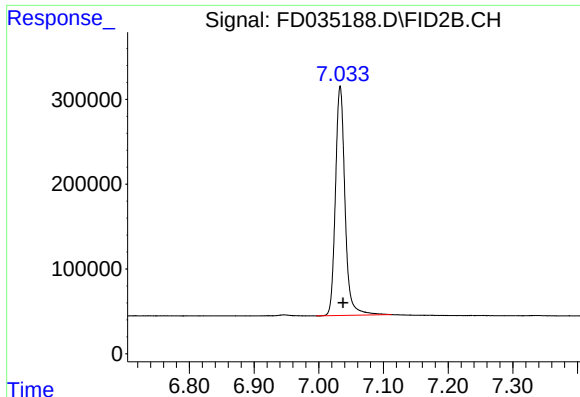
#3 A~Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: -0.004 min
Response: 2714552
Conc: 21.97 ug/ml



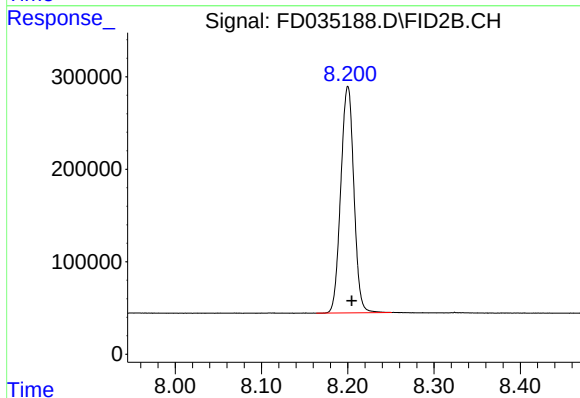
#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: -0.004 min
Response: 2564116
Conc: 22.21 ug/ml



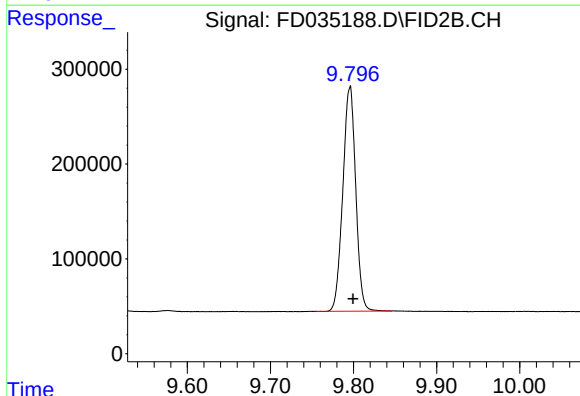
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.033 min
Delta R.T.: -0.004 min
Response: 2779097
Conc: 22.13 ug/ml



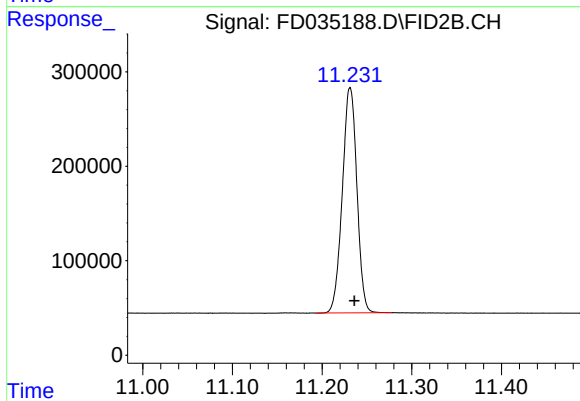
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: -0.004 min
Response: 2581734
Conc: 22.52 ug/ml



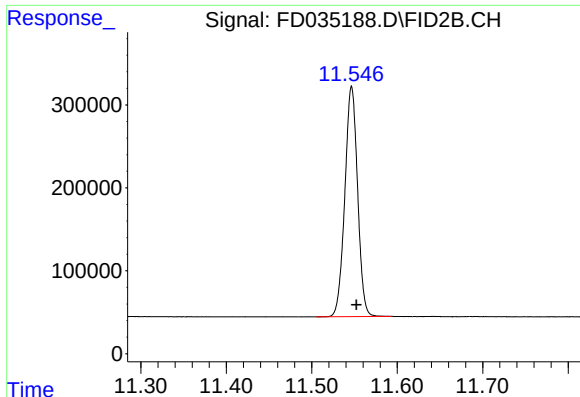
#7 n-Hexadecane (C16)

R.T.: 9.796 min
Delta R.T.: -0.003 min
Response: 2558962
Conc: 22.23 ug/ml



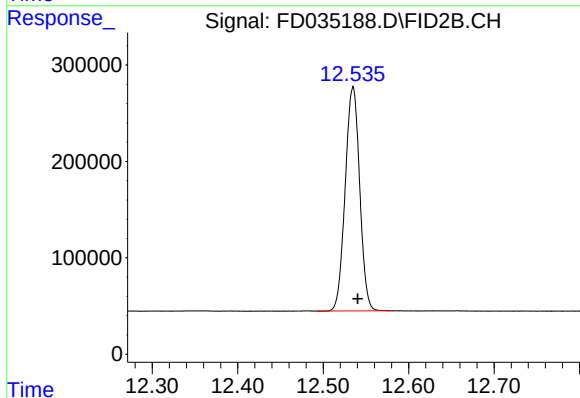
#8 n-Octadecane (C18)

R.T.: 11.231 min
Delta R.T.: -0.005 min
Response: 2694368
Conc: 22.28 ug/ml



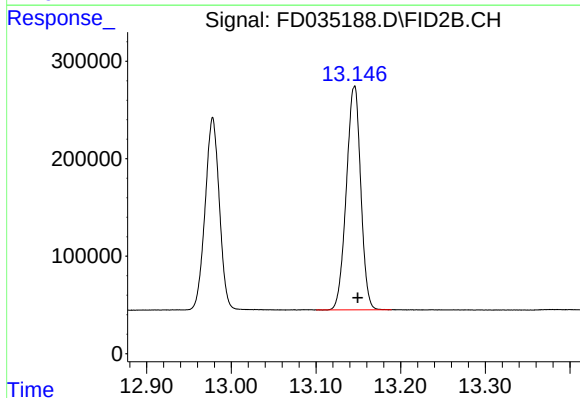
#9 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: -0.006 min
Response: 2875576
Conc: 22.17 ug/ml



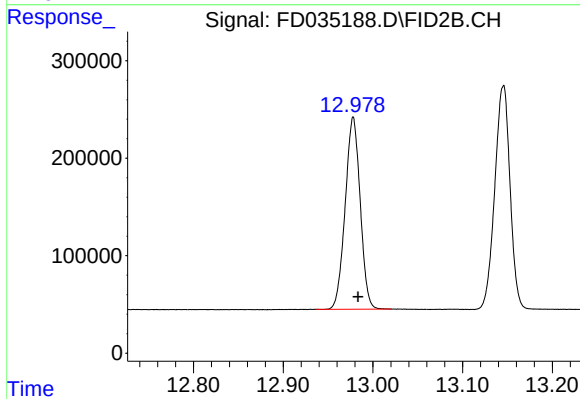
#10 n-Eicosane (C20)

R.T.: 12.535 min
Delta R.T.: -0.005 min
Response: 2738946
Conc: 22.35 ug/ml



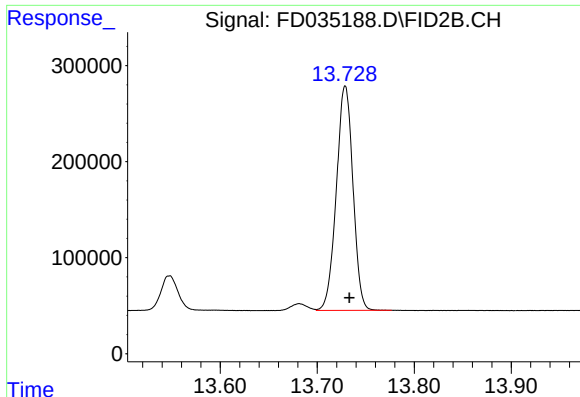
#11 n-Heneicosane (C21)

R.T.: 13.145 min
Delta R.T.: -0.004 min
Response: 2715129
Conc: 22.17 ug/ml



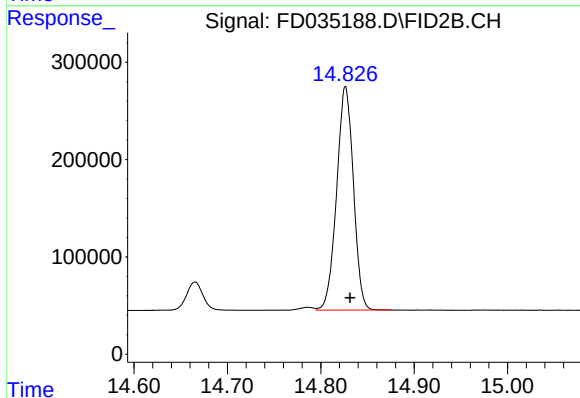
#12 1-chlorooctadecane (SURR)

R.T.: 12.978 min
Delta R.T.: -0.005 min
Response: 2290584
Conc: 22.13 ug/ml



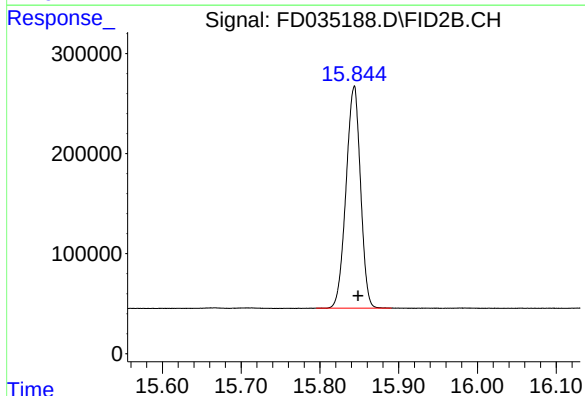
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.004 min
Response: 2785412
Conc: 22.78 ug/ml



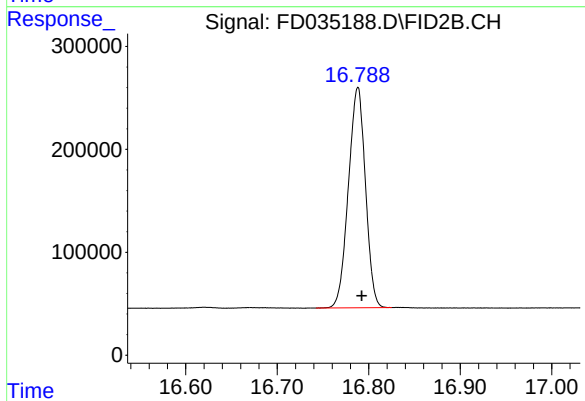
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: -0.005 min
Response: 2866119
Conc: 23.64 ug/ml



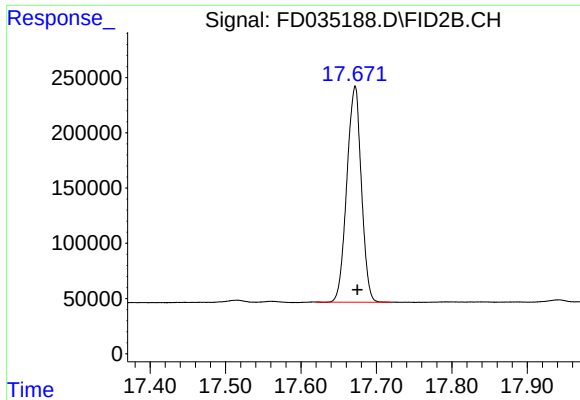
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: -0.005 min
Response: 2832931
Conc: 23.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.788 min
Delta R.T.: -0.004 min
Response: 2769375
Conc: 23.94 ug/ml



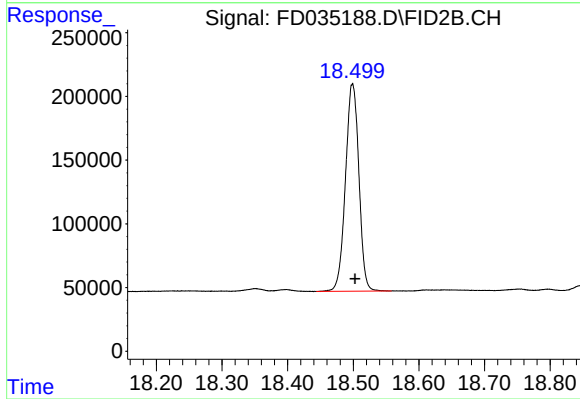
#17 n-Tricontane (C30)

R.T.: 17.672 min

Delta R.T.: -0.003 min

Response: 2614375

Conc: 23.66 ug/ml



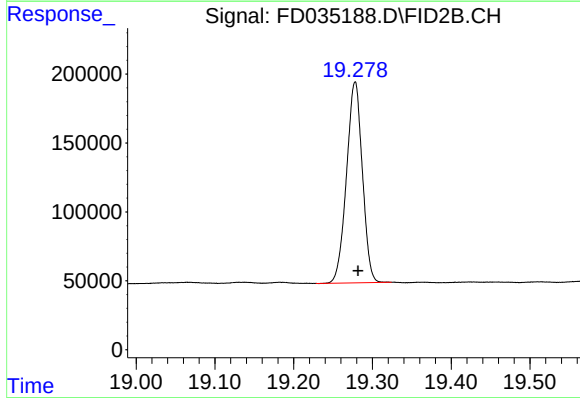
#18 n-Dotriacontane (C32)

R.T.: 18.499 min

Delta R.T.: -0.004 min

Response: 2311290

Conc: 23.01 ug/ml



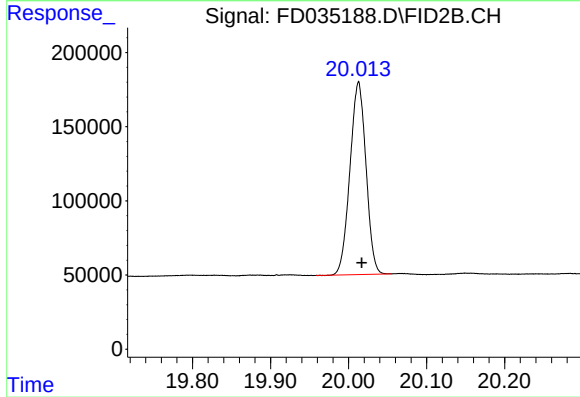
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min

Delta R.T.: -0.004 min

Response: 2037755

Conc: 22.17 ug/ml



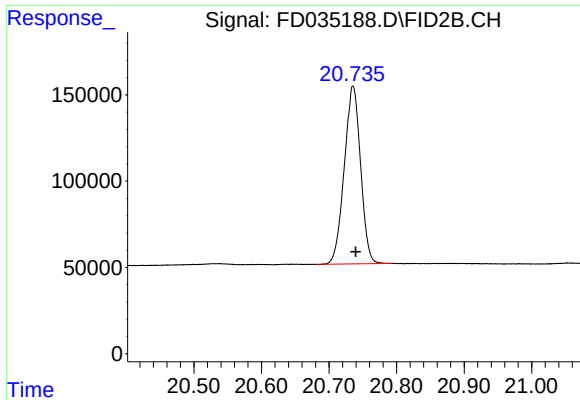
#20 n-Hexatriacontane (C36)

R.T.: 20.013 min

Delta R.T.: -0.004 min

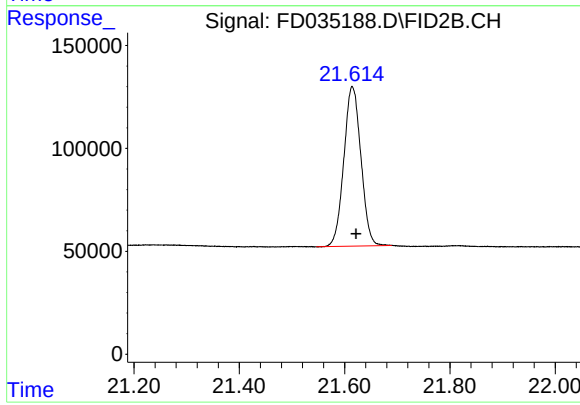
Response: 1851969

Conc: 22.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.004 min
Response: 1729080
Conc: 21.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: -0.007 min
Response: 1743111
Conc: 21.44 ug/ml