

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011821AL\
 Data File : FD036107.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jan 2021 8:07
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 08:38:09 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)	11.531	2962377	19.984 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
12) S 1-chlorooctadecane (S...	12.963	2308031	19.621 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.316	2826485	21.925 ug/ml
2) T n-Decane (C10)	4.381	2864672	22.015 ug/ml
3) T A~Naphthalene (C11.7)	5.960	3199506	21.847 ug/ml
4) T n-Dodecane (C12)	6.394	2916578	21.933 ug/ml
5) T A~2-methylnaphthalene...	7.014	3259181	21.700 ug/ml
6) T n-Tetradecane (C14)	8.184	2897034	21.680 ug/ml
7) T n-Hexadecane (C16)	9.779	2803790	21.185 ug/ml
8) T n-Octadecane (C18)	11.216	2845828	20.683 ug/ml
10) T n-Eicosane (C20)	12.520	2777642	20.103 ug/ml
11) T n-Heneicosane (C21)	13.130	2719027	19.676 ug/ml
13) T n-Docosane (C22)	13.714	2679887	19.520 ug/ml
14) T n-Tetracosane (C24)	14.813	2616481	19.247 ug/ml
15) T n-Hexacosane (C26)	15.828	2488460	18.744 ug/ml
16) T n-Octacosane (C28)	16.773	2406426	18.599 ug/ml
17) T n-Tricontane (C30)	17.656	2319336	18.811 ug/ml
18) T n-Dotriacontane (C32)	18.485	2157407	19.574 ug/ml
19) T n-Tetratriacontane (C34)	19.263	2001644	20.192 ug/ml
20) T n-Hexatriacontane (C36)	19.999	1927159	21.426 ug/ml
21) T n-Octatriacontane (C38)	20.714	1845285	22.210 ug/ml
22) T n-Tetracontane (C40)	21.583	1946306	23.141 ug/ml

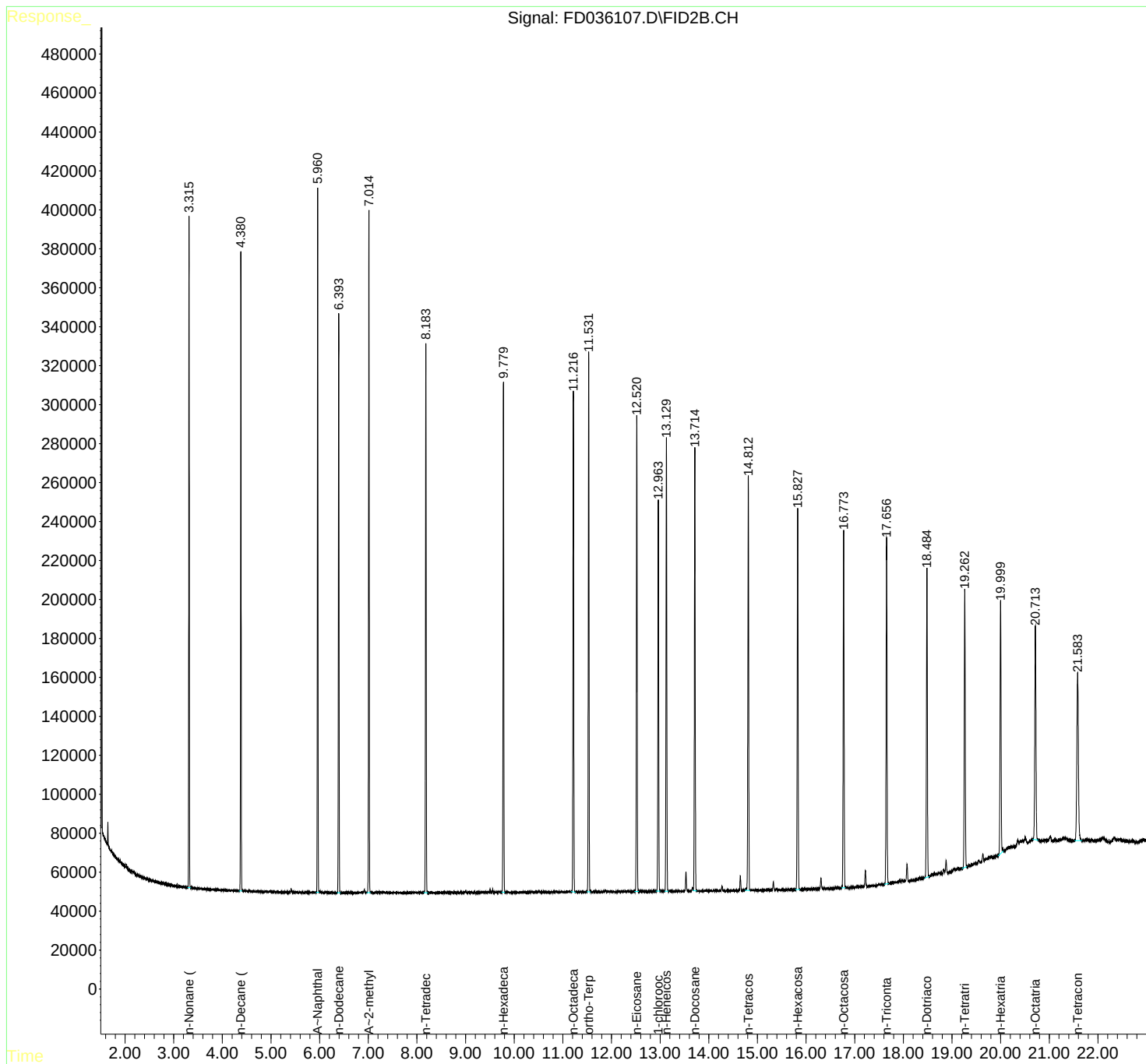
(f)=RT Delta > 1/2 Window

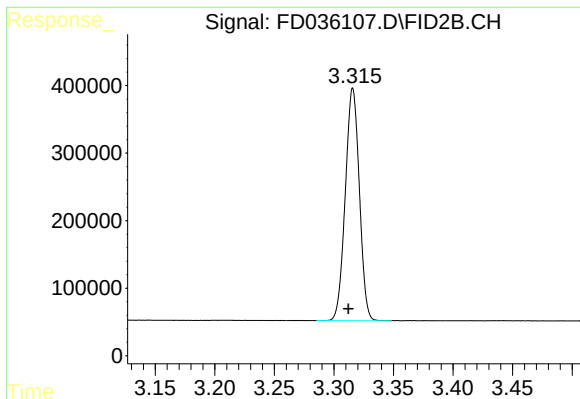
(m)=manual int.

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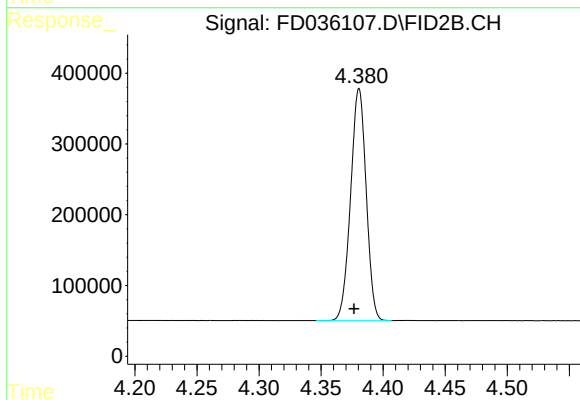
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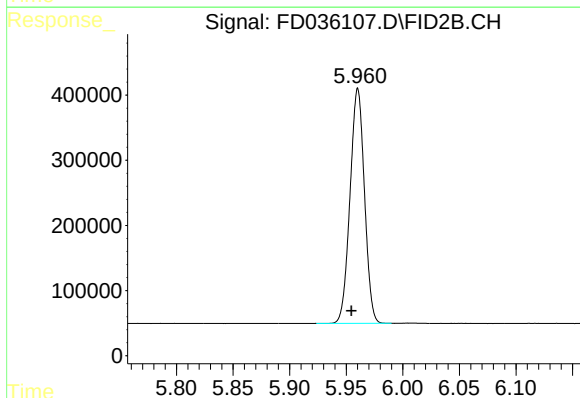
#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: 0.004 min
Response: 2826485
Conc: 21.93 ug/ml



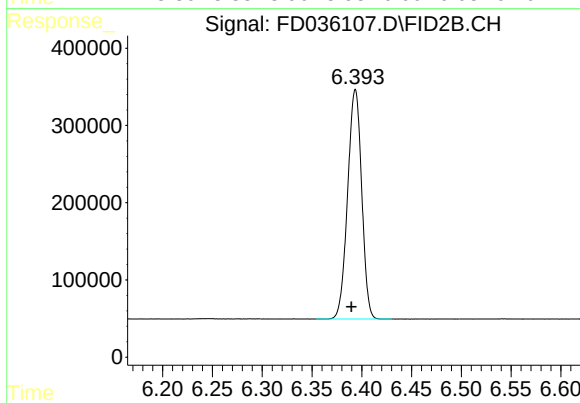
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.004 min
Response: 2864672
Conc: 22.02 ug/ml



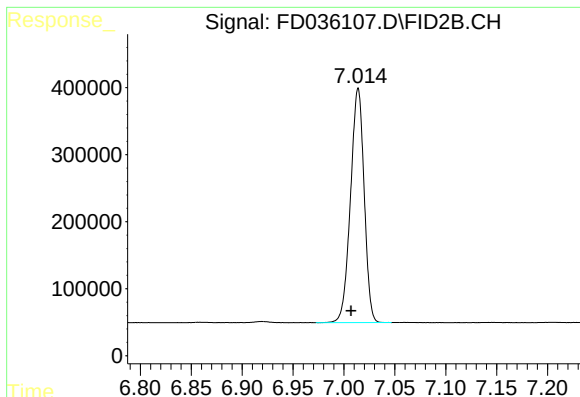
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: 0.006 min
Response: 3199506
Conc: 21.85 ug/ml



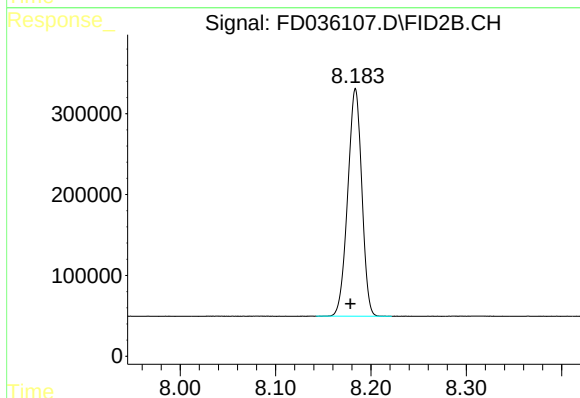
#4 n-Dodecane (C12)

R.T.: 6.394 min
Delta R.T.: 0.004 min
Response: 2916578
Conc: 21.93 ug/ml



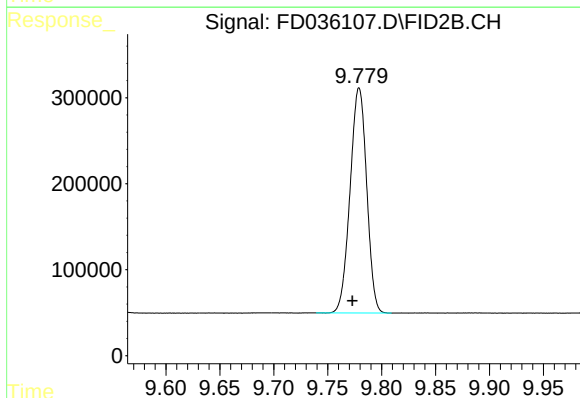
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: 0.007 min
Response: 3259181
Conc: 21.70 ug/ml



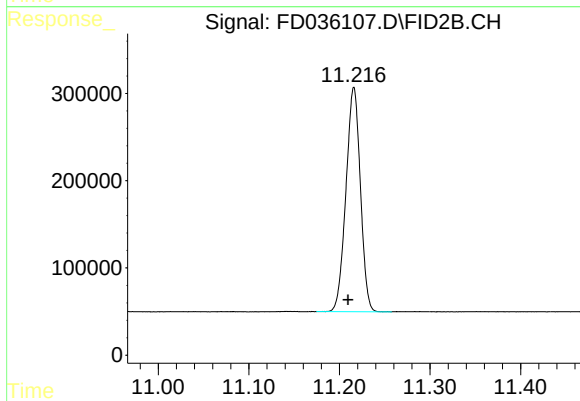
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.005 min
Response: 2897034
Conc: 21.68 ug/ml



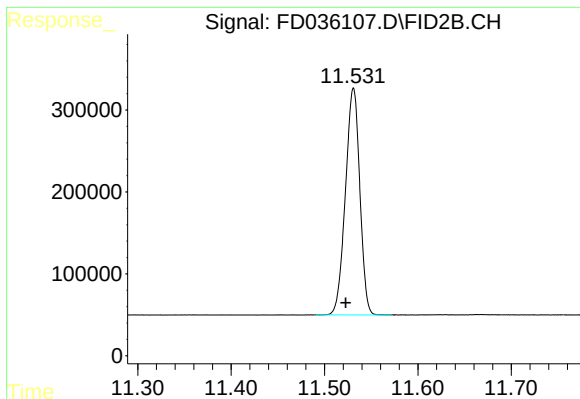
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.006 min
Response: 2803790
Conc: 21.19 ug/ml



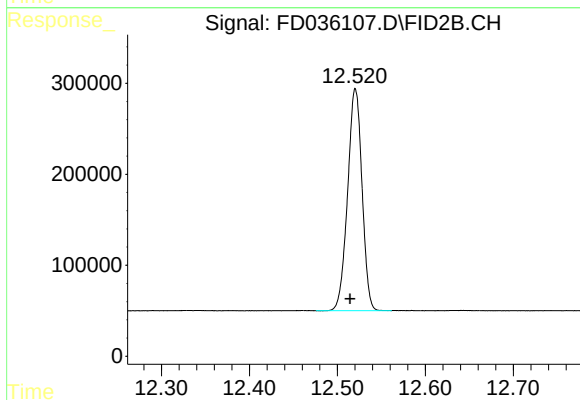
#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: 0.006 min
Response: 2845828
Conc: 20.68 ug/ml



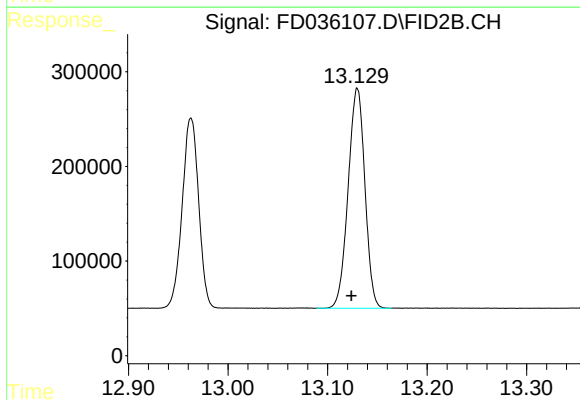
#9 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: 0.008 min
Response: 2962377
Conc: 19.98 ug/ml



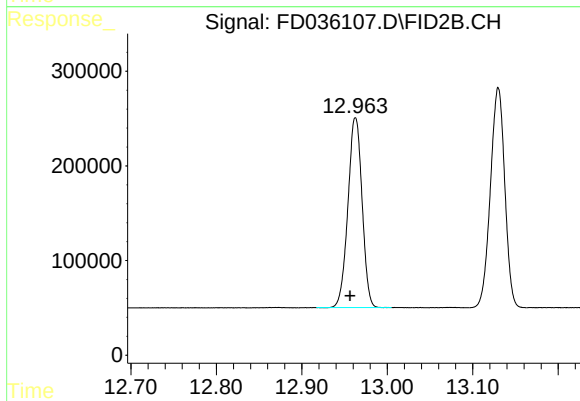
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: 0.006 min
Response: 2777642
Conc: 20.10 ug/ml



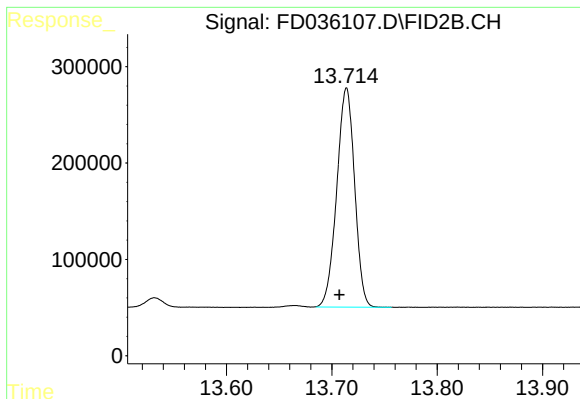
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: 0.006 min
Response: 2719027
Conc: 19.68 ug/ml



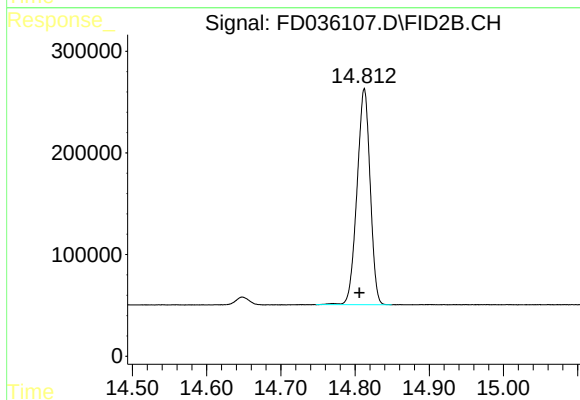
#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min
Delta R.T.: 0.006 min
Response: 2308031
Conc: 19.62 ug/ml



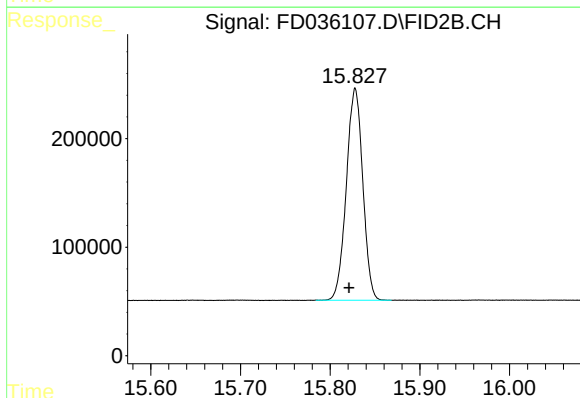
#13 n-Docosane (C22)

R.T.: 13.714 min
Delta R.T.: 0.007 min
Response: 2679887
Conc: 19.52 ug/ml



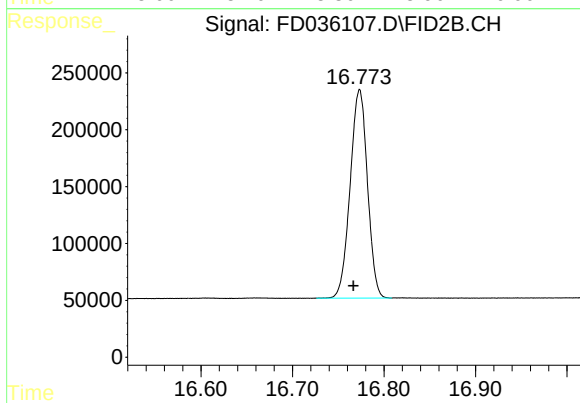
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: 0.007 min
Response: 2616481
Conc: 19.25 ug/ml



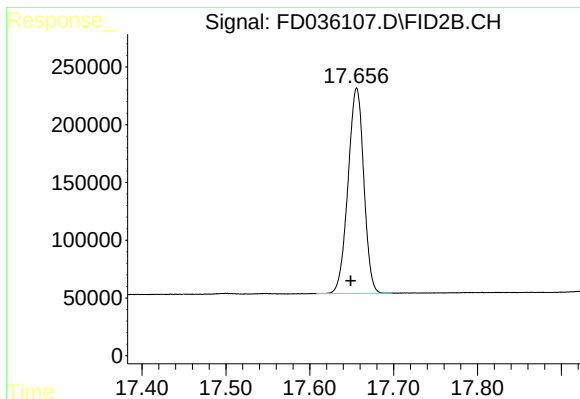
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: 0.007 min
Response: 2488460
Conc: 18.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: 0.007 min
Response: 2406426
Conc: 18.60 ug/ml



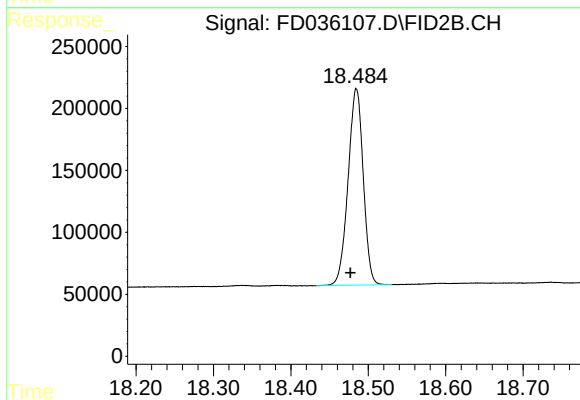
#17 n-Tricontane (C30)

R.T.: 17.656 min

Delta R.T.: 0.007 min

Response: 2319336

Conc: 18.81 ug/ml



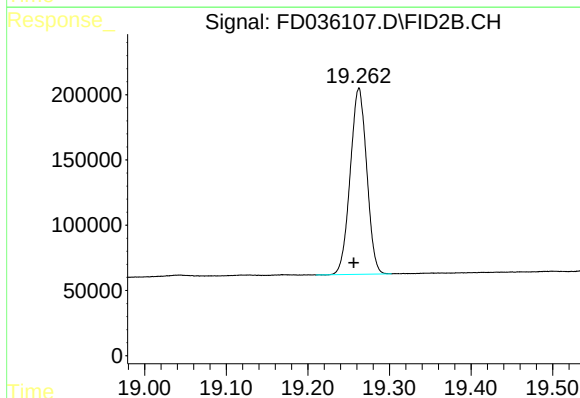
#18 n-Dotriacontane (C32)

R.T.: 18.485 min

Delta R.T.: 0.008 min

Response: 2157407

Conc: 19.57 ug/ml



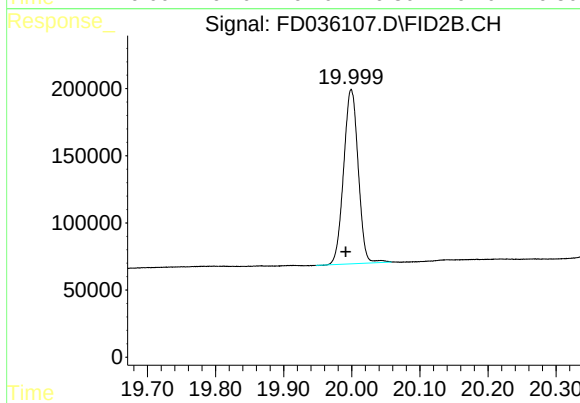
#19 n-Tetratriacontane (C34)

R.T.: 19.263 min

Delta R.T.: 0.006 min

Response: 2001644

Conc: 20.19 ug/ml



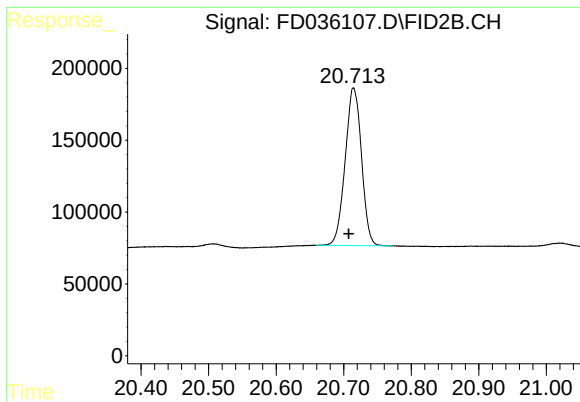
#20 n-Hexatriacontane (C36)

R.T.: 19.999 min

Delta R.T.: 0.008 min

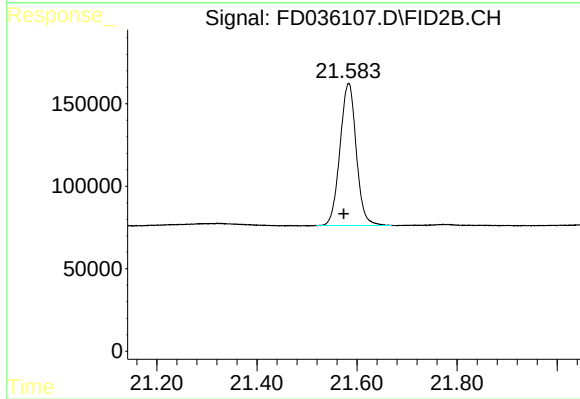
Response: 1927159

Conc: 21.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.007 min
Response: 1845285
Conc: 22.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.583 min
Delta R.T.: 0.010 min
Response: 1946306
Conc: 23.14 ug/ml