

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122118AL\
 Data File : FD027014.D
 Signal(s) : FID2B.CH
 Acq On : 22 Dec 2018 00:00
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 03:16:44 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 121318.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 14 04:06:49 2018
 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)	11.274	2230774	21.568 ug/ml
Spiked Amount 50.000		Recovery =	43.14%
12) S 1-chlorooctadecane (S...	12.720	1693036	21.666 ug/ml
Spiked Amount 50.000		Recovery =	43.33%
Target Compounds			
1) T n-Nonane (C9)	3.087	1860485	20.753 ug/ml
2) T n-Decane (C10)	4.149	1933480	21.083 ug/ml
3) T A~Naphthalene (C11.7)	5.709	2263319	21.326 ug/ml
4) T n-Dodecane (C12)	6.161	1990821	21.422 ug/ml
5) T A~2-methylnaphthalene...	6.762	2282154	21.491 ug/ml
6) T n-Tetradecane (C14)	7.949	2032272	21.665 ug/ml
7) T n-Hexadecane (C16)	9.541	2017296	21.733 ug/ml
8) T n-Octadecane (C18)	10.977	1987261	21.852 ug/ml
10) T n-Eicosane (C20)	12.282	1980484	21.866 ug/ml
11) T n-Heneicosane (C21)	12.891	1950226	21.724 ug/ml
13) T n-Docosane (C22)	13.475	1973071	22.026 ug/ml
14) T n-Tetracosane (C24)	14.574	2010275	22.562 ug/ml
15) T n-Hexacosane (C26)	15.591	2052629	23.182 ug/ml
16) T n-Octacosane (C28)	16.536	2129484	23.977 ug/ml
17) T n-Tricontane (C30)	17.420	2178869	25.063 ug/ml
18) T n-Dotriacontane (C32)	18.248	2077485	25.695 ug/ml
19) T n-Tetratriacontane (C34)	19.028	1746276	24.793 ug/ml
20) T n-Hexatriacontane (C36)	19.763	1488135	23.404 ug/ml
21) T n-Octatriacontane (C38)	20.463	1731722	28.324 ug/ml
22) T n-Tetracontane (C40)	21.259	1289380	22.072 ug/ml

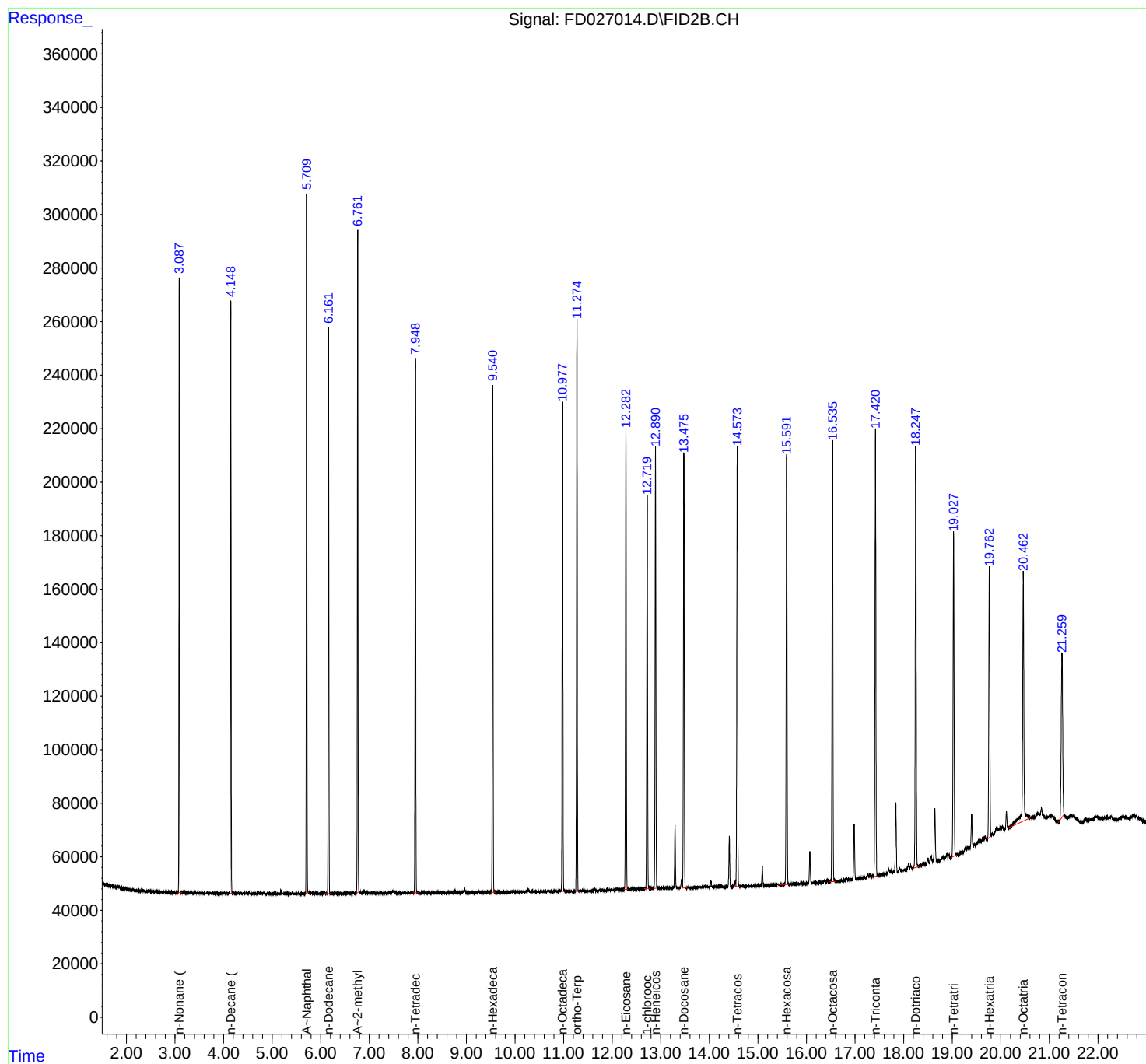
(f)=RT Delta > 1/2 Window

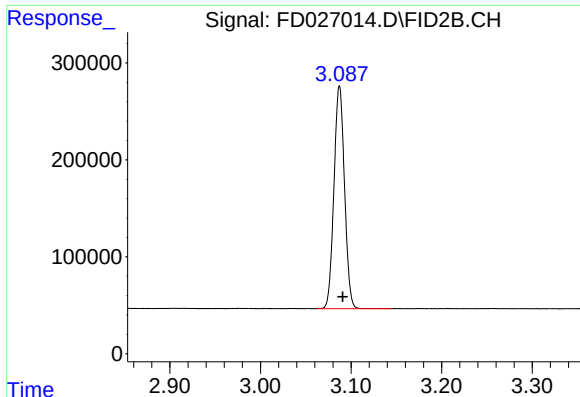
(m)=manual int.

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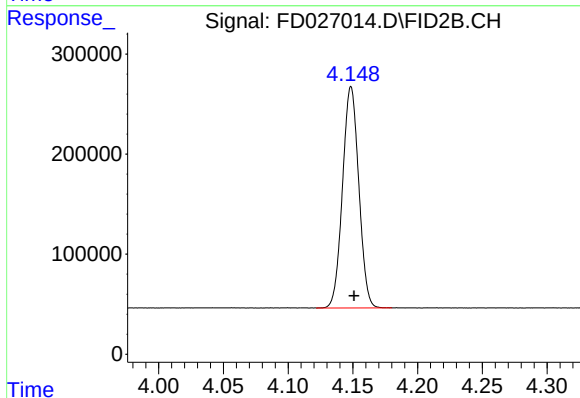
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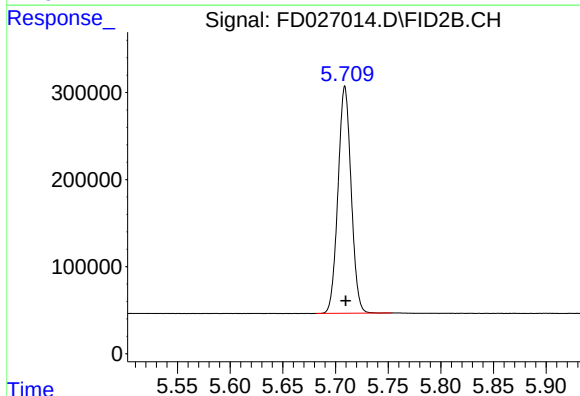
#1 n-Nonane (C9)

R.T.: 3.087 min
Delta R.T.: -0.004 min
Response: 1860485
Conc: 20.75 ug/ml



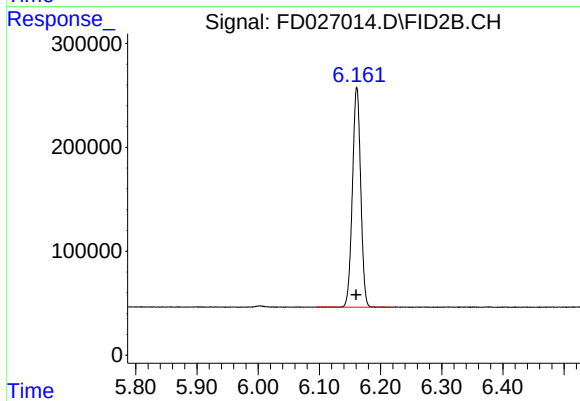
#2 n-Decane (C10)

R.T.: 4.149 min
Delta R.T.: -0.002 min
Response: 1933480
Conc: 21.08 ug/ml



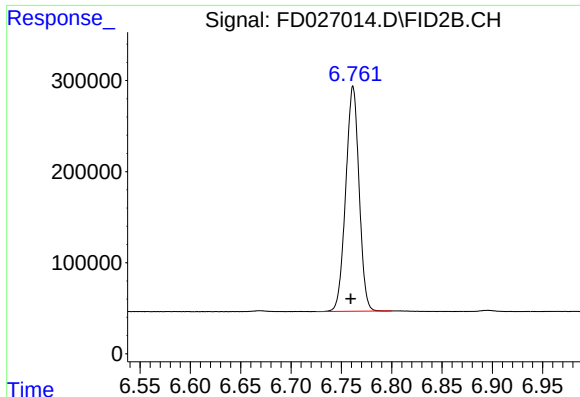
#3 A~Naphthalene (C11.7)

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 2263319
Conc: 21.33 ug/ml



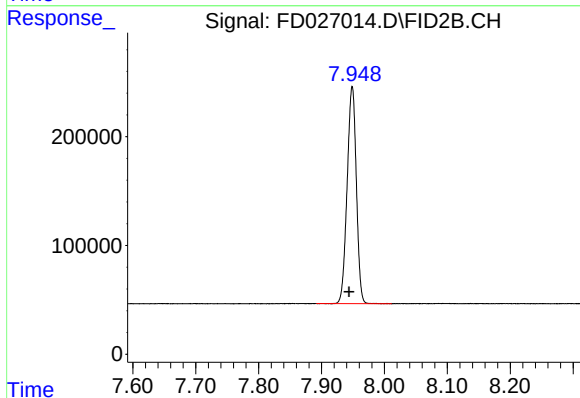
#4 n-Dodecane (C12)

R.T.: 6.161 min
Delta R.T.: 0.001 min
Response: 1990821
Conc: 21.42 ug/ml



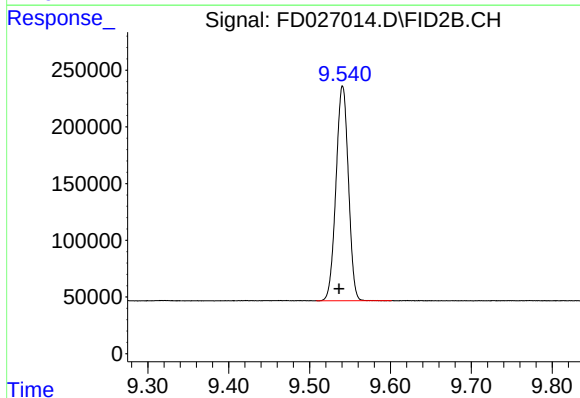
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: 0.002 min
Response: 2282154
Conc: 21.49 ug/ml



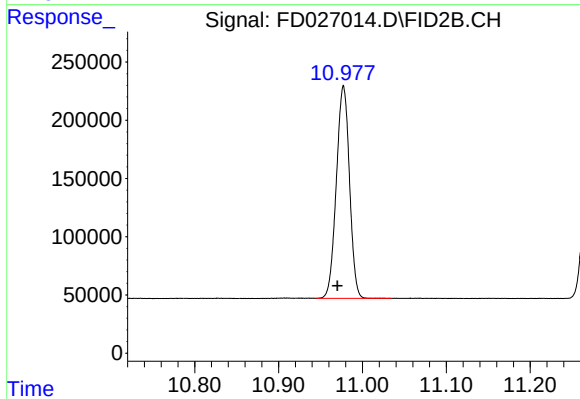
#6 n-Tetradecane (C14)

R.T.: 7.949 min
Delta R.T.: 0.005 min
Response: 2032272
Conc: 21.66 ug/ml



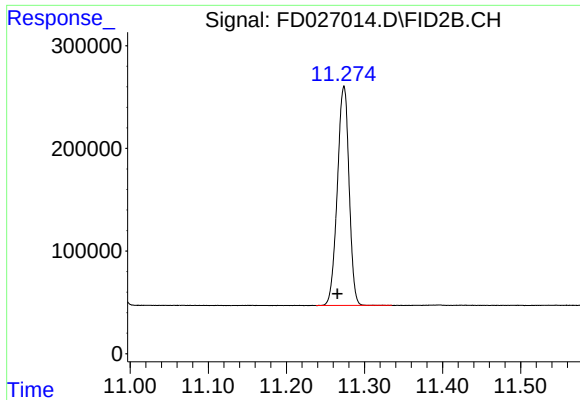
#7 n-Hexadecane (C16)

R.T.: 9.541 min
Delta R.T.: 0.004 min
Response: 2017296
Conc: 21.73 ug/ml



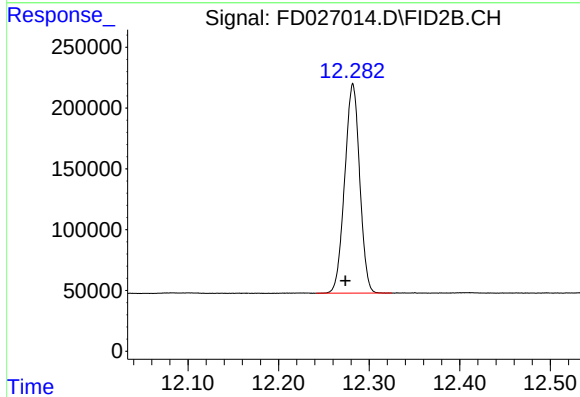
#8 n-Octadecane (C18)

R.T.: 10.977 min
Delta R.T.: 0.007 min
Response: 1987261
Conc: 21.85 ug/ml



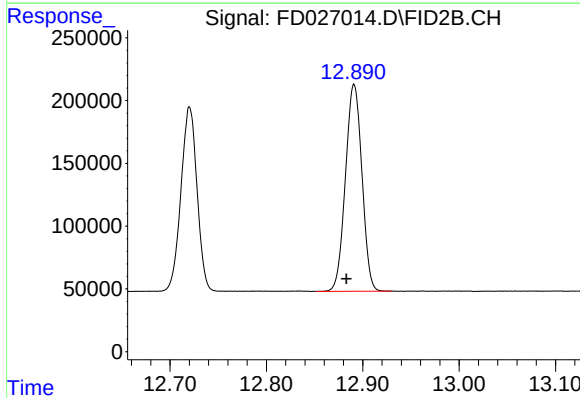
#9 ortho-Terphenyl (SURR)

R.T.: 11.274 min
Delta R.T.: 0.008 min
Response: 2230774
Conc: 21.57 ug/ml



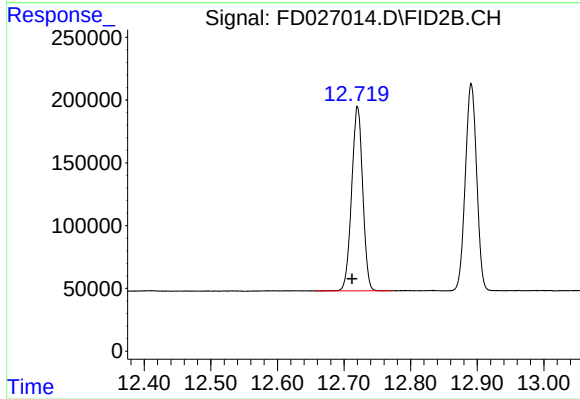
#10 n-Eicosane (C20)

R.T.: 12.282 min
Delta R.T.: 0.008 min
Response: 1980484
Conc: 21.87 ug/ml



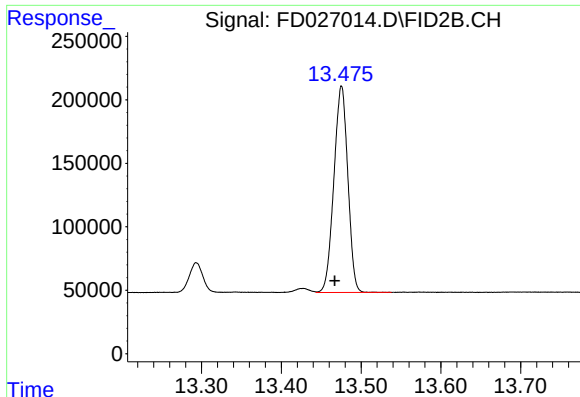
#11 n-Heneicosane (C21)

R.T.: 12.891 min
Delta R.T.: 0.008 min
Response: 1950226
Conc: 21.72 ug/ml



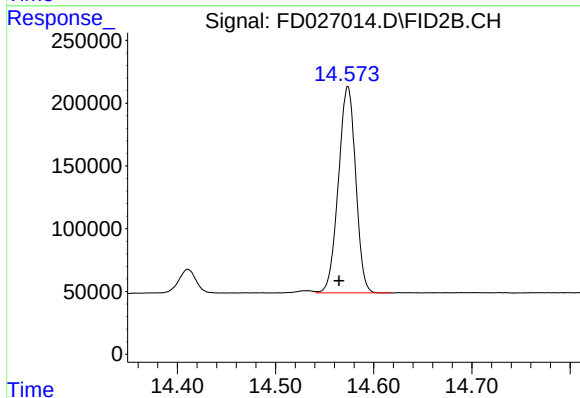
#12 1-chlorooctadecane (SURR)

R.T.: 12.720 min
Delta R.T.: 0.008 min
Response: 1693036
Conc: 21.67 ug/ml



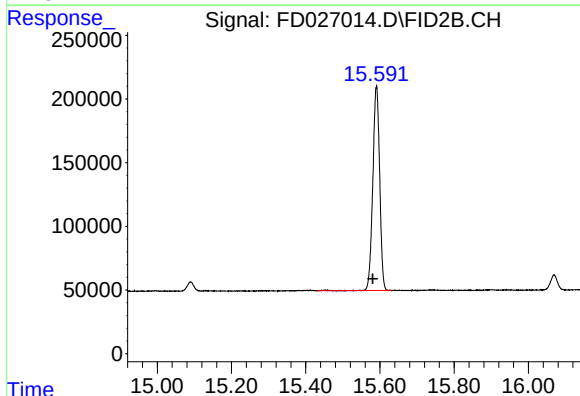
#13 n-Docosane (C22)

R.T.: 13.475 min
Delta R.T.: 0.008 min
Response: 1973071
Conc: 22.03 ug/ml



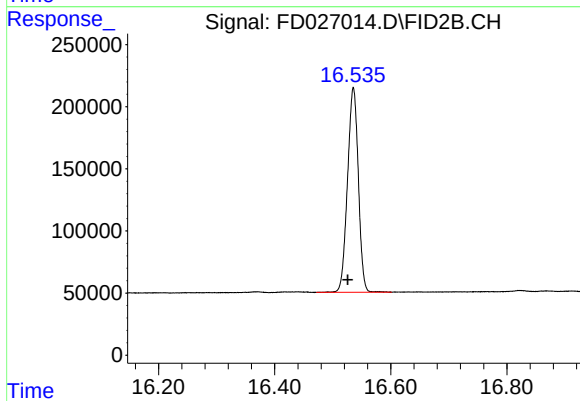
#14 n-Tetracosane (C24)

R.T.: 14.574 min
Delta R.T.: 0.009 min
Response: 2010275
Conc: 22.56 ug/ml



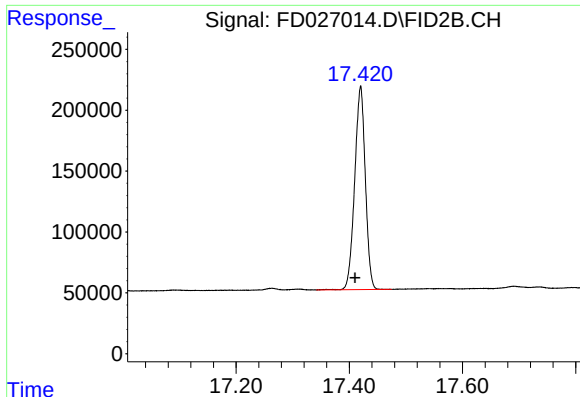
#15 n-Hexacosane (C26)

R.T.: 15.591 min
Delta R.T.: 0.010 min
Response: 2052629
Conc: 23.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.536 min
Delta R.T.: 0.010 min
Response: 2129484
Conc: 23.98 ug/ml



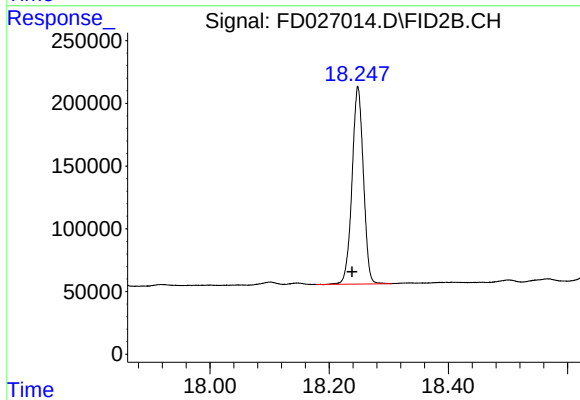
#17 n-Tricontane (C30)

R.T.: 17.420 min

Delta R.T.: 0.010 min

Response: 2178869

Conc: 25.06 ug/ml



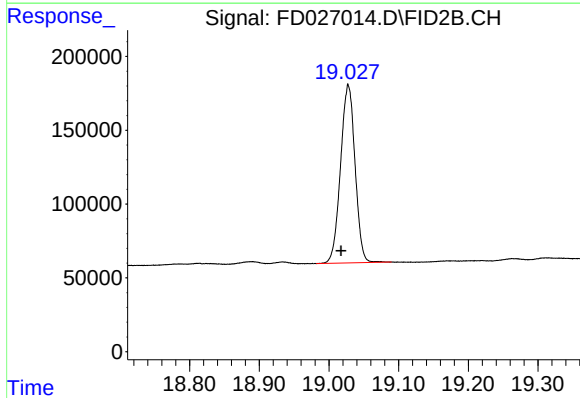
#18 n-Dotriacontane (C32)

R.T.: 18.248 min

Delta R.T.: 0.010 min

Response: 2077485

Conc: 25.69 ug/ml



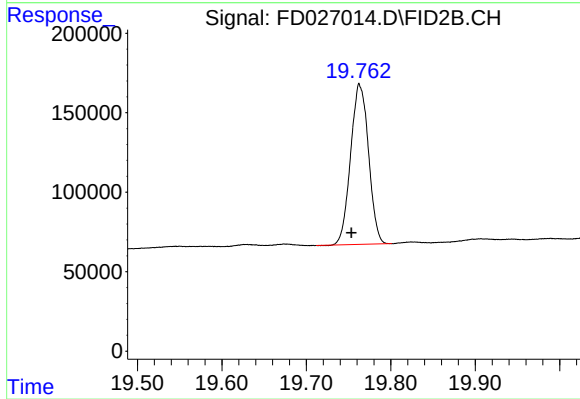
#19 n-Tetratriacontane (C34)

R.T.: 19.028 min

Delta R.T.: 0.011 min

Response: 1746276

Conc: 24.79 ug/ml



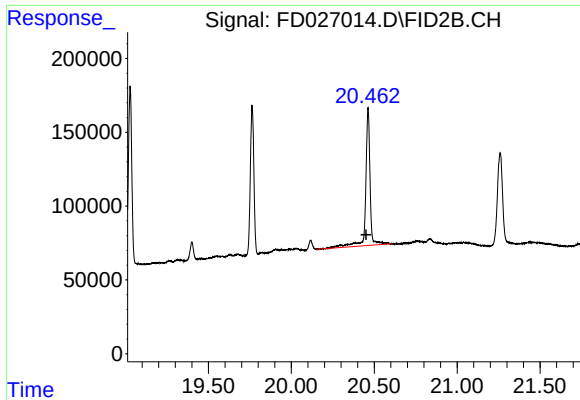
#20 n-Hexatriacontane (C36)

R.T.: 19.763 min

Delta R.T.: 0.010 min

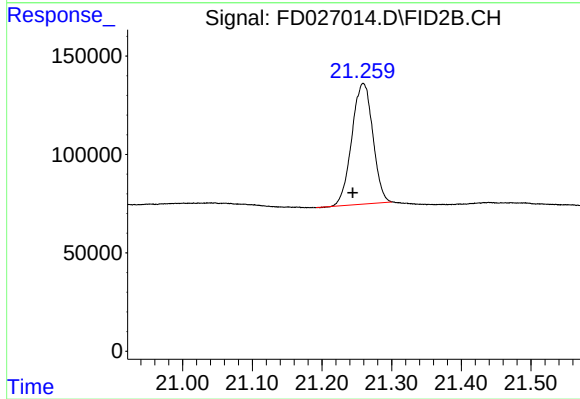
Response: 1488135

Conc: 23.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.463 min
Delta R.T.: 0.011 min
Response: 1731722
Conc: 28.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.259 min
Delta R.T.: 0.015 min
Response: 1289380
Conc: 22.07 ug/ml