

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042720AL\
 Data File : FD033252.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2020 7:44
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 27 15:26:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 040720.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 14:10:50 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)	11.492	2645949	17.610 ug/ml
Spiked Amount 50.000		Recovery =	35.22%
12) S 1-chlorooctadecane (S...	12.923	2055218	17.510 ug/ml
Spiked Amount 50.000		Recovery =	35.02%
Target Compounds			
1) T n-Nonane (C9)	3.301	2613139	19.543 ug/ml
2) T n-Decane (C10)	4.361	2657083	19.833 ug/ml
3) T A~Naphthalene (C11.7)	5.937	2852320	19.353 ug/ml
4) T n-Dodecane (C12)	6.367	2693219	19.864 ug/ml
5) T A~2-methylnaphthalene...	6.987	2853746	19.209 ug/ml
6) T n-Tetradecane (C14)	8.152	2693395	19.700 ug/ml
7) T n-Hexadecane (C16)	9.743	2661147	19.371 ug/ml
8) T n-Octadecane (C18)	11.178	2597203	18.755 ug/ml
10) T n-Eicosane (C20)	12.481	2510694	18.075 ug/ml
11) T n-Heneicosane (C21)	13.090	2478420	17.693 ug/ml
13) T n-Docosane (C22)	13.673	2433417	17.527 ug/ml
14) T n-Tetracosane (C24)	14.771	2391005	17.425 ug/ml
15) T n-Hexacosane (C26)	15.787	2355073	17.710 ug/ml
16) T n-Octacosane (C28)	16.732	2319729	18.378 ug/ml
17) T n-Tricontane (C30)	17.616	2221720	19.518 ug/ml
18) T n-Dotriacontane (C32)	18.443	1742186	20.740 ug/ml
19) T n-Tetratriacontane (C34)	19.222	1279656	21.099 ug/ml
20) T n-Hexatriacontane (C36)	19.959	1091936	21.763 ug/ml
21) T n-Octatriacontane (C38)	20.671	1018625	21.158 ug/ml
22) T n-Tetracontane (C40)	21.527	1043218	20.675 ug/ml

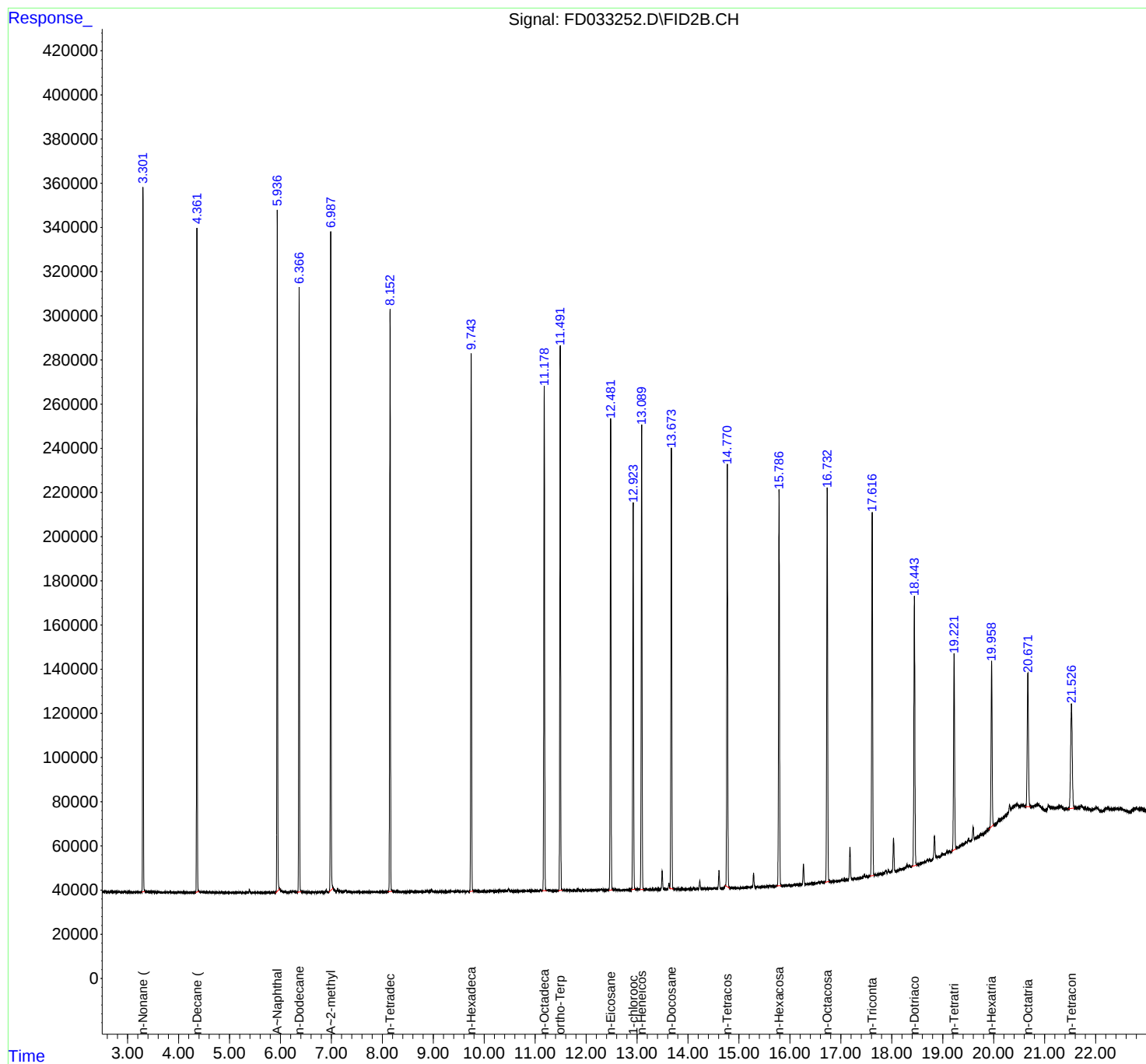
(f)=RT Delta > 1/2 Window

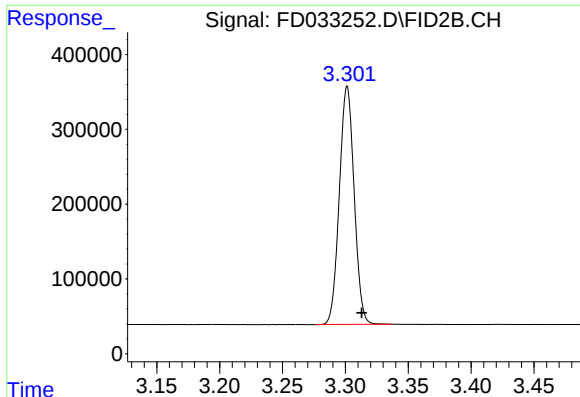
(m)=manual int.

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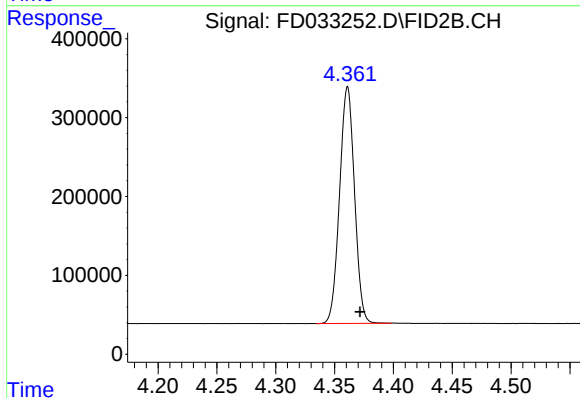
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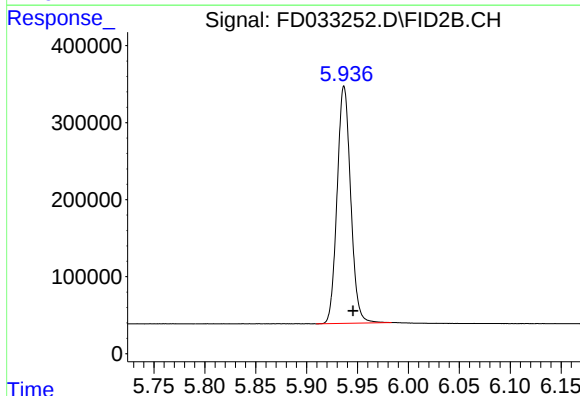
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.012 min
Response: 2613139
Conc: 19.54 ug/ml



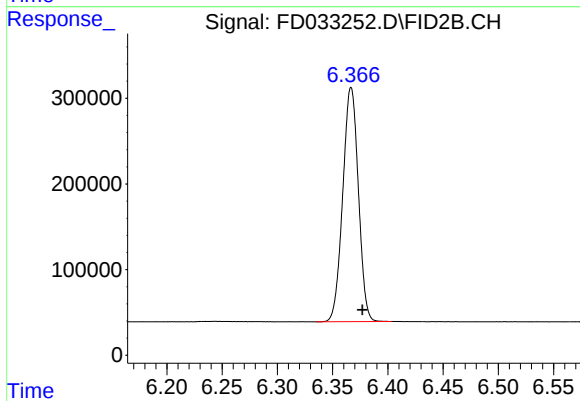
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.010 min
Response: 2657083
Conc: 19.83 ug/ml



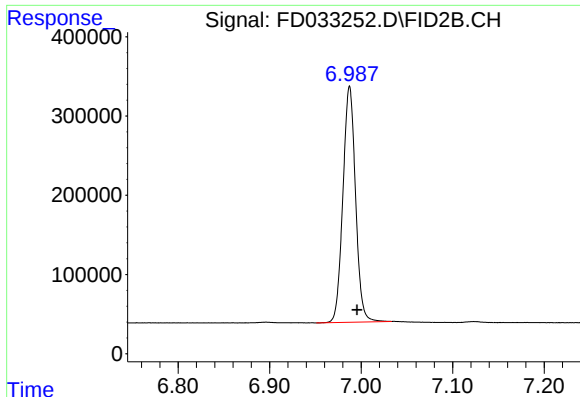
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.009 min
Response: 2852320
Conc: 19.35 ug/ml



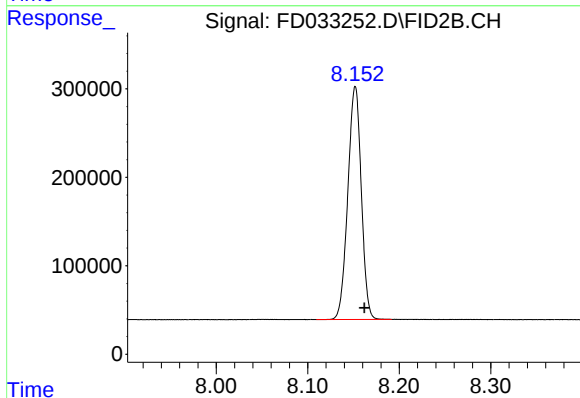
#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: -0.010 min
Response: 2693219
Conc: 19.86 ug/ml



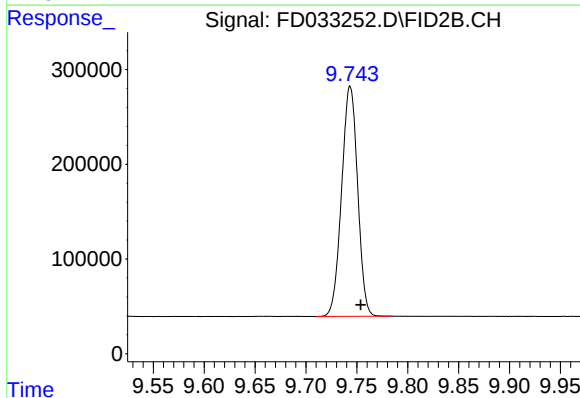
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: -0.008 min
Response: 2853746
Conc: 19.21 ug/ml



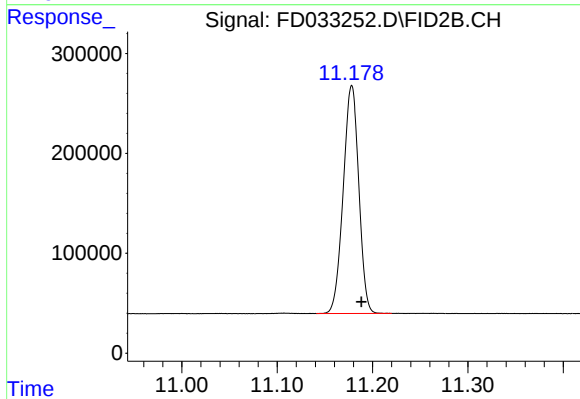
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: -0.010 min
Response: 2693395
Conc: 19.70 ug/ml



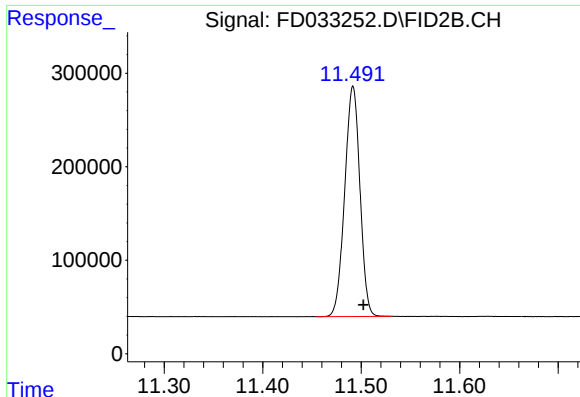
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: -0.010 min
Response: 2661147
Conc: 19.37 ug/ml



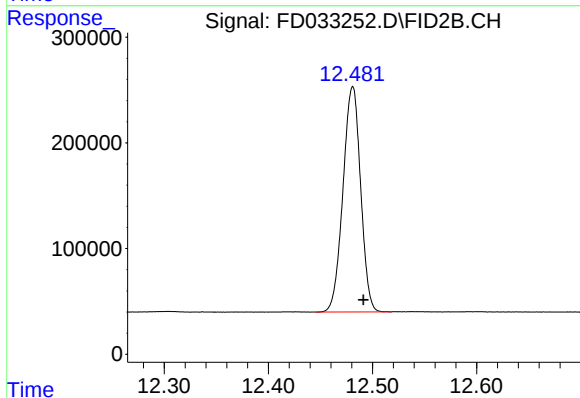
#8 n-Octadecane (C18)

R.T.: 11.178 min
Delta R.T.: -0.010 min
Response: 2597203
Conc: 18.75 ug/ml



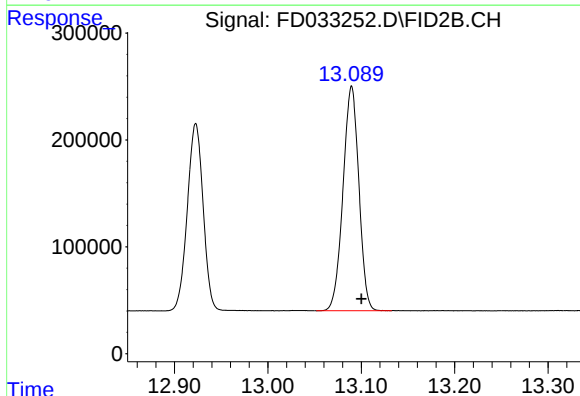
#9 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: -0.010 min
Response: 2645949
Conc: 17.61 ug/ml



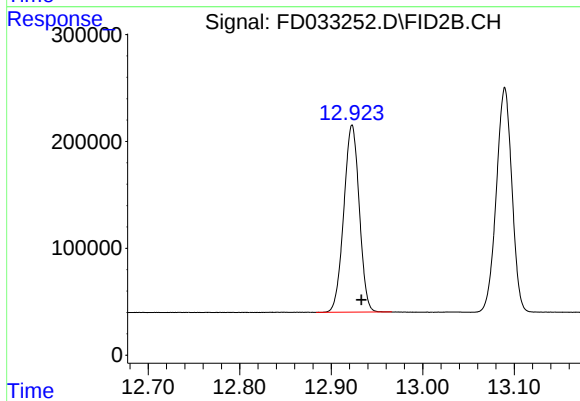
#10 n-Eicosane (C20)

R.T.: 12.481 min
Delta R.T.: -0.010 min
Response: 2510694
Conc: 18.07 ug/ml



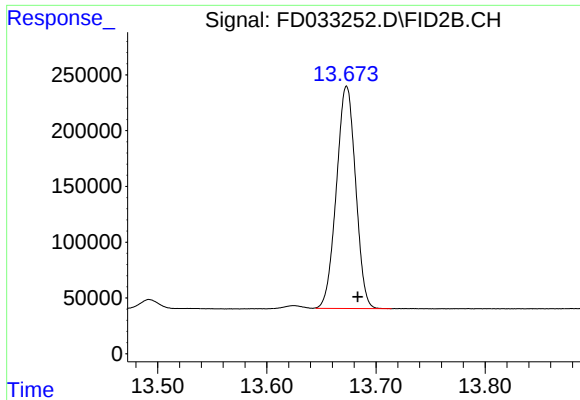
#11 n-Heneicosane (C21)

R.T.: 13.090 min
Delta R.T.: -0.010 min
Response: 2478420
Conc: 17.69 ug/ml



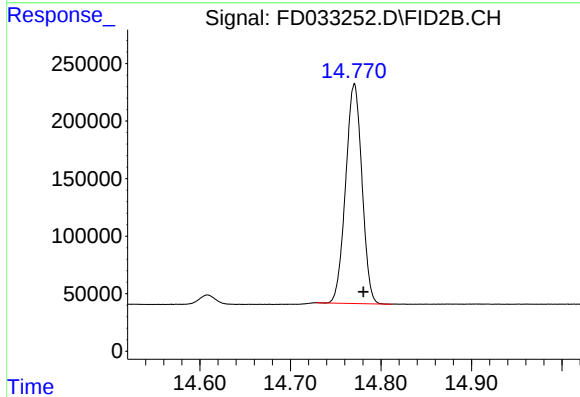
#12 1-chlorooctadecane (SURR)

R.T.: 12.923 min
Delta R.T.: -0.010 min
Response: 2055218
Conc: 17.51 ug/ml



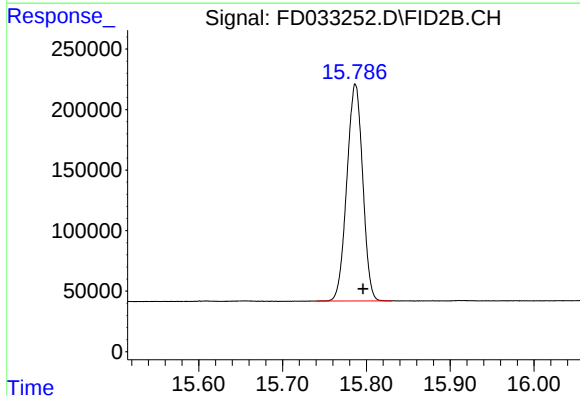
#13 n-Docosane (C22)

R.T.: 13.673 min
Delta R.T.: -0.010 min
Response: 2433417
Conc: 17.53 ug/ml



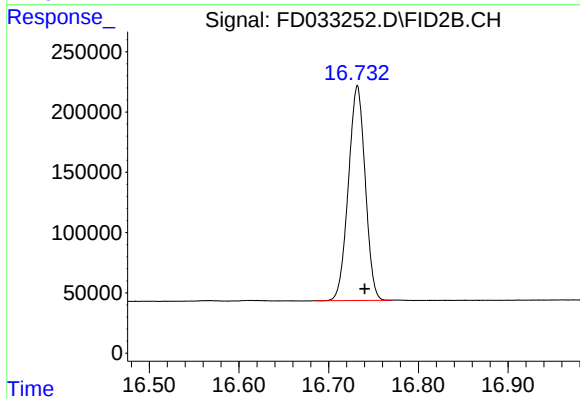
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: -0.010 min
Response: 2391005
Conc: 17.42 ug/ml



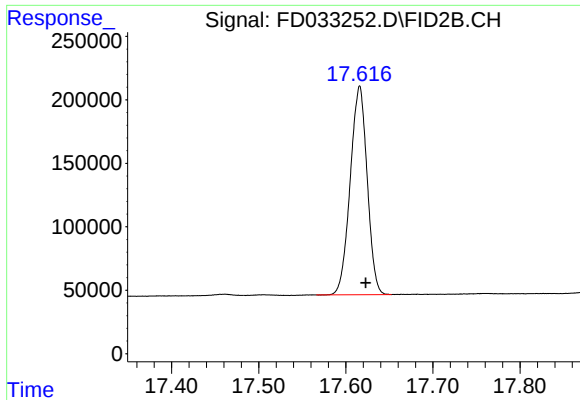
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: -0.009 min
Response: 2355073
Conc: 17.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.732 min
Delta R.T.: -0.008 min
Response: 2319729
Conc: 18.38 ug/ml



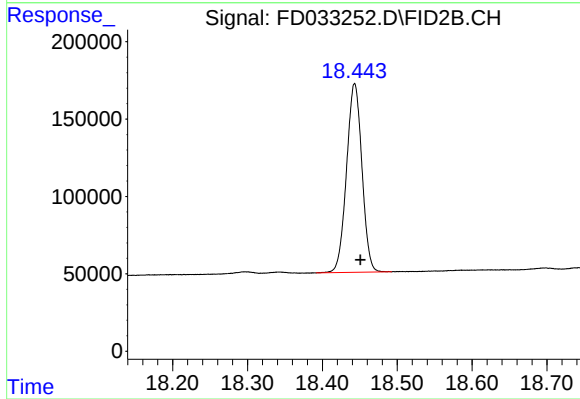
#17 n-Tricontane (C30)

R.T.: 17.616 min

Delta R.T.: -0.007 min

Response: 2221720

Conc: 19.52 ug/ml



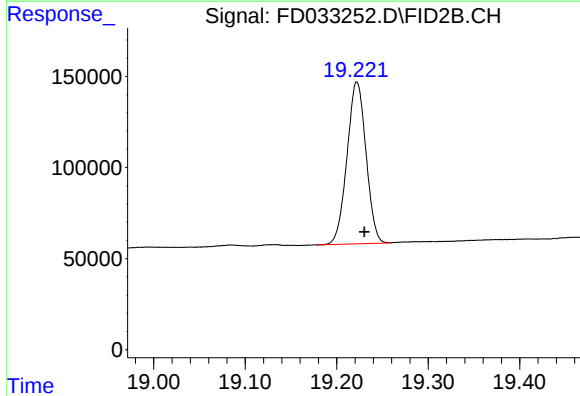
#18 n-Dotriacontane (C32)

R.T.: 18.443 min

Delta R.T.: -0.008 min

Response: 1742186

Conc: 20.74 ug/ml



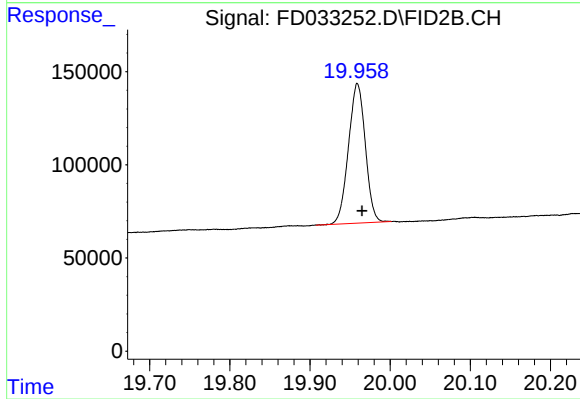
#19 n-Tetratriacontane (C34)

R.T.: 19.222 min

Delta R.T.: -0.008 min

Response: 1279656

Conc: 21.10 ug/ml



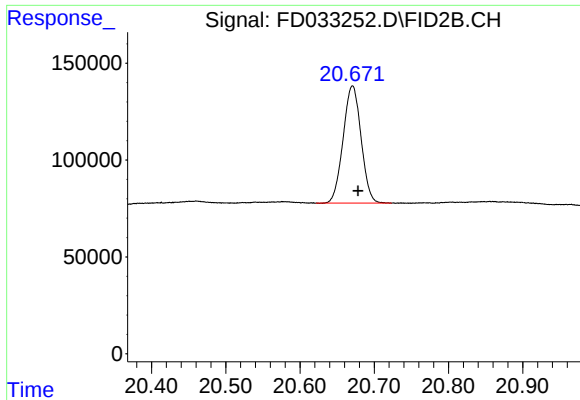
#20 n-Hexatriacontane (C36)

R.T.: 19.959 min

Delta R.T.: -0.006 min

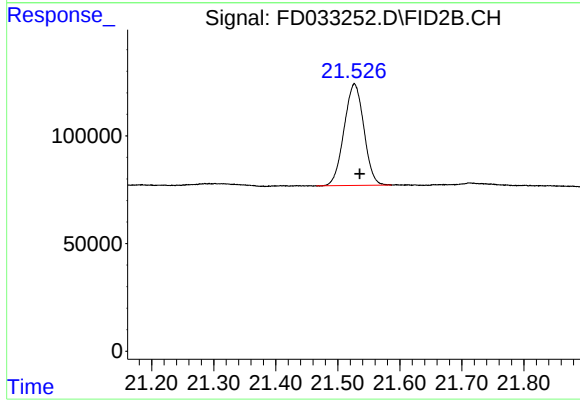
Response: 1091936

Conc: 21.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.671 min
Delta R.T.: -0.008 min
Response: 1018625
Conc: 21.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.527 min
Delta R.T.: -0.009 min
Response: 1043218
Conc: 20.67 ug/ml