

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042720AL\
 Data File : FD033265.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2020 17:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 28 00:19:12 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)	11.490	2732125	18.184 ug/ml
Spiked Amount 50.000		Recovery =	36.37%
12) S 1-chlorooctadecane (S...	12.920	2128078	18.131 ug/ml
Spiked Amount 50.000		Recovery =	36.26%
Target Compounds			
1) T n-Nonane (C9)	3.300	2668363	19.956 ug/ml
2) T n-Decane (C10)	4.360	2712323	20.245 ug/ml
3) T A~Naphthalene (C11.7)	5.935	2919463	19.808 ug/ml
4) T n-Dodecane (C12)	6.365	2751271	20.292 ug/ml
5) T A~2-methylnaphthalene...	6.985	2930915	19.728 ug/ml
6) T n-Tetradecane (C14)	8.150	2757002	20.165 ug/ml
7) T n-Hexadecane (C16)	9.741	2732263	19.889 ug/ml
8) T n-Octadecane (C18)	11.176	2678318	19.341 ug/ml
10) T n-Eicosane (C20)	12.478	2595480	18.685 ug/ml
11) T n-Heneicosane (C21)	13.087	2563568	18.301 ug/ml
13) T n-Docosane (C22)	13.671	2528864	18.214 ug/ml
14) T n-Tetracosane (C24)	14.768	2473272	18.024 ug/ml
15) T n-Hexacosane (C26)	15.784	2433975	18.304 ug/ml
16) T n-Octacosane (C28)	16.728	2398080	18.999 ug/ml
17) T n-Tricontane (C30)	17.612	2294131	20.154 ug/ml
18) T n-Dotriacontane (C32)	18.439	1803506	21.470 ug/ml
19) T n-Tetratriacontane (C34)	19.218	1319997	21.764 ug/ml
20) T n-Hexatriacontane (C36)	19.954	1132080	22.563 ug/ml
21) T n-Octatriacontane (C38)	20.665	1064900	22.119 ug/ml
22) T n-Tetracontane (C40)	21.521	1074361	21.292 ug/ml

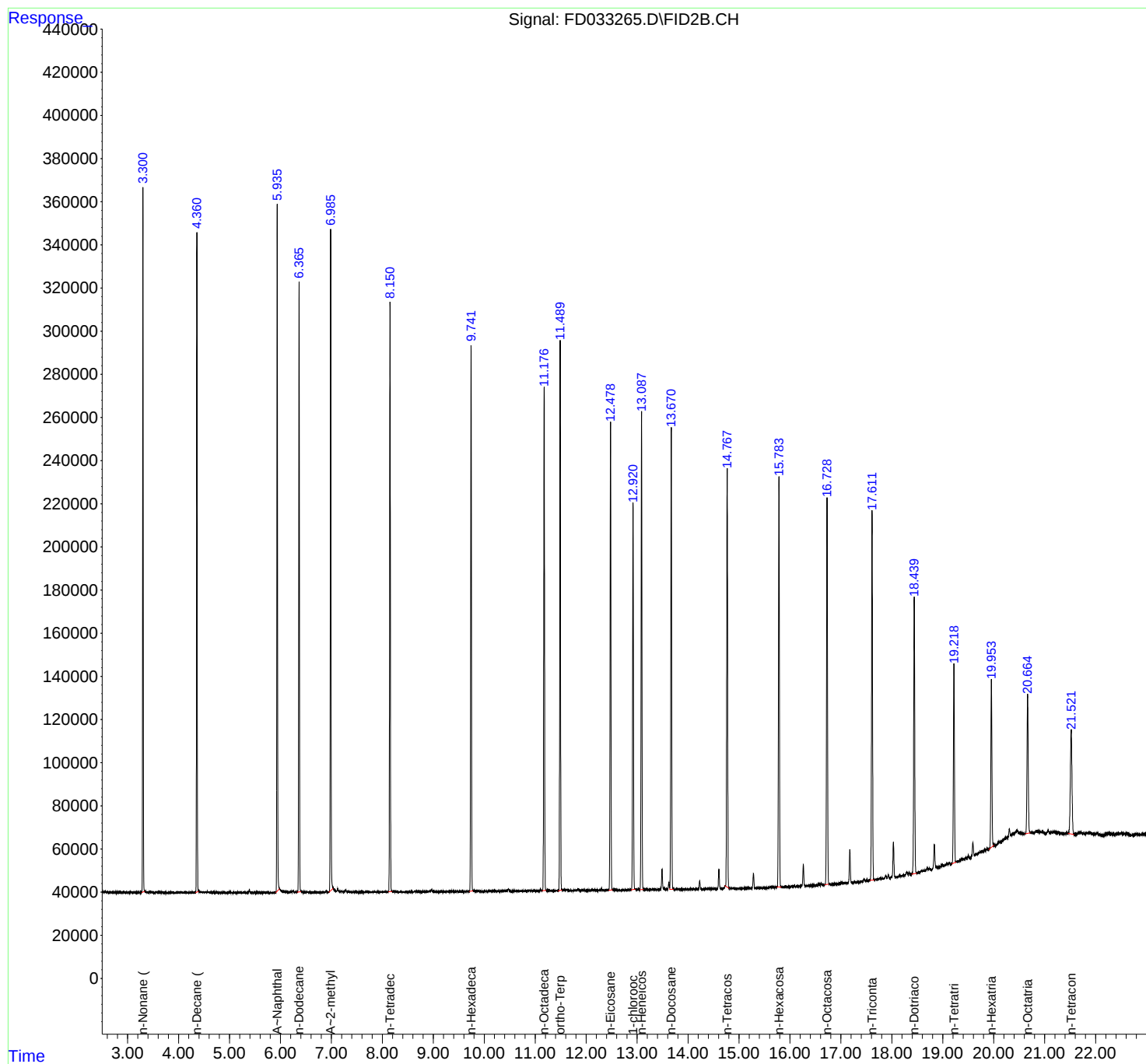
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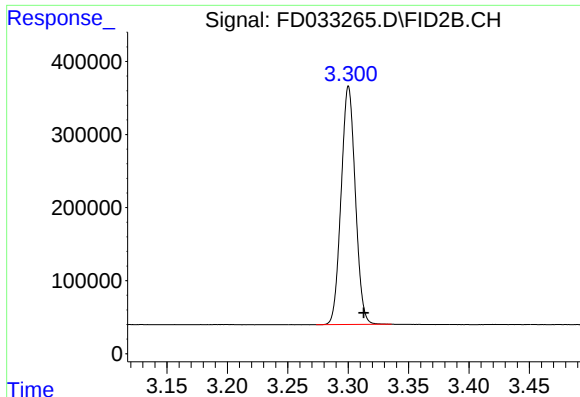
(m)=manual int.

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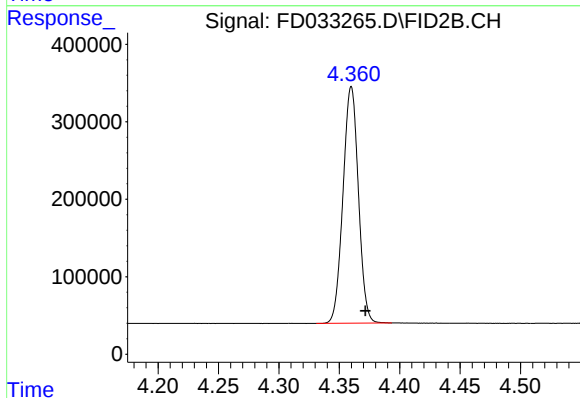
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





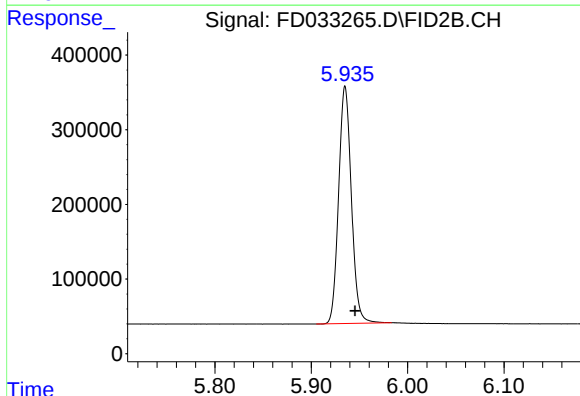
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.013 min
Response: 2668363
Conc: 19.96 ug/ml



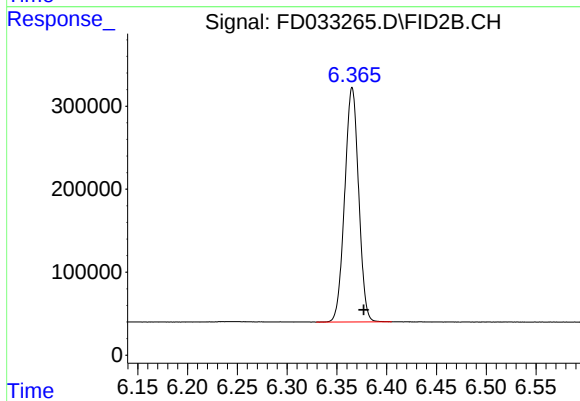
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.012 min
Response: 2712323
Conc: 20.25 ug/ml



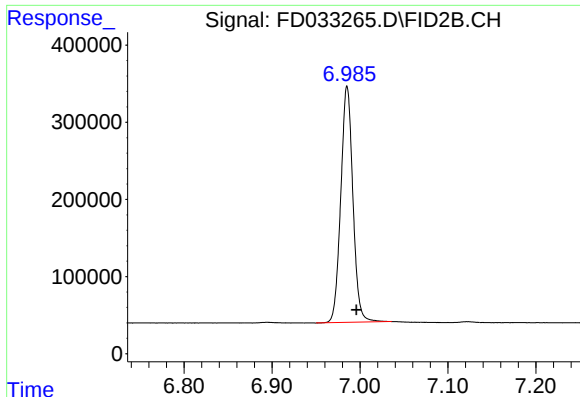
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.010 min
Response: 2919463
Conc: 19.81 ug/ml



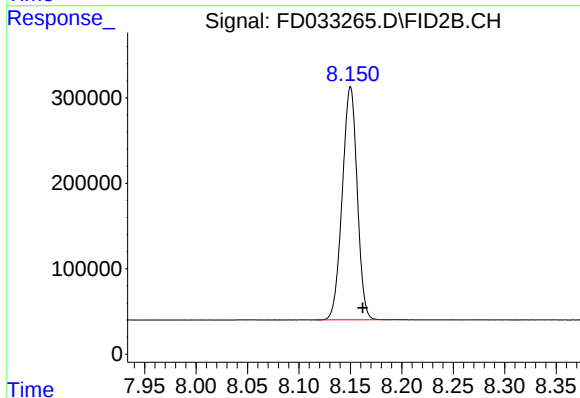
#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: -0.012 min
Response: 2751271
Conc: 20.29 ug/ml



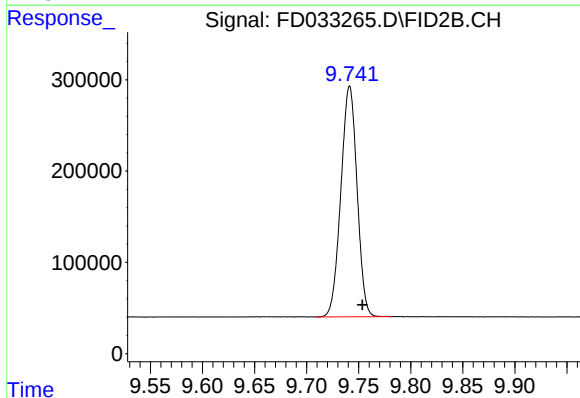
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: -0.010 min
Response: 2930915
Conc: 19.73 ug/ml



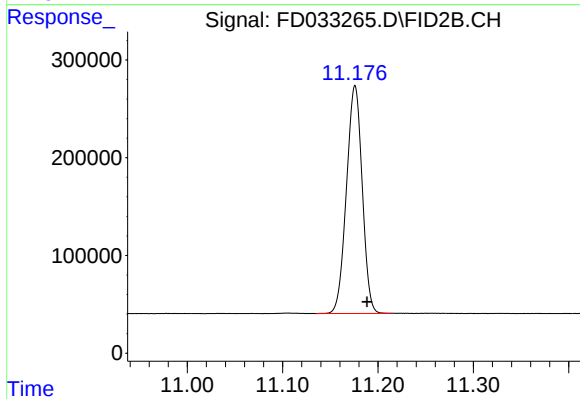
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: -0.012 min
Response: 2757002
Conc: 20.17 ug/ml



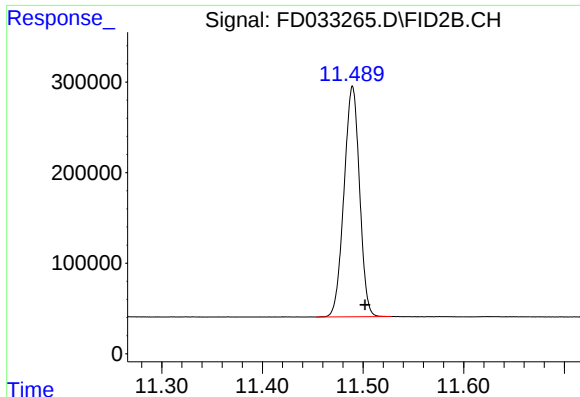
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: -0.012 min
Response: 2732263
Conc: 19.89 ug/ml



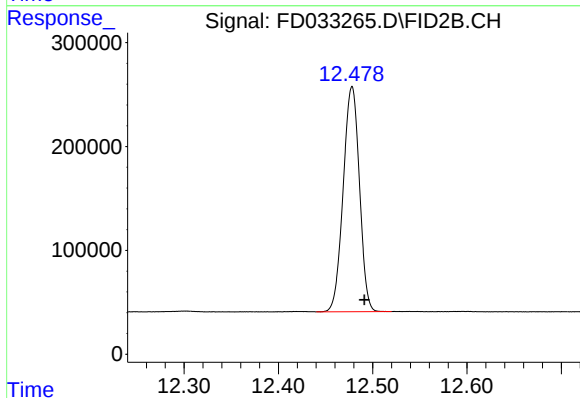
#8 n-Octadecane (C18)

R.T.: 11.176 min
Delta R.T.: -0.012 min
Response: 2678318
Conc: 19.34 ug/ml



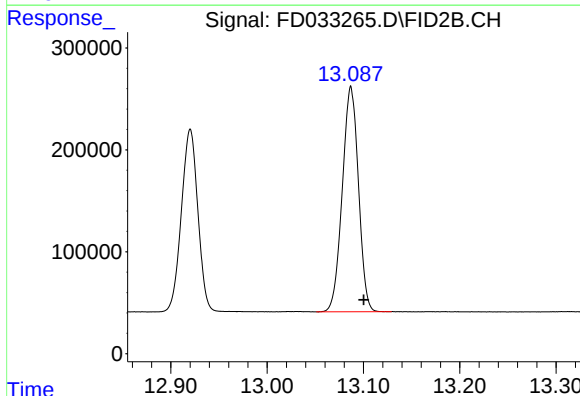
#9 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.013 min
Response: 2732125
Conc: 18.18 ug/ml



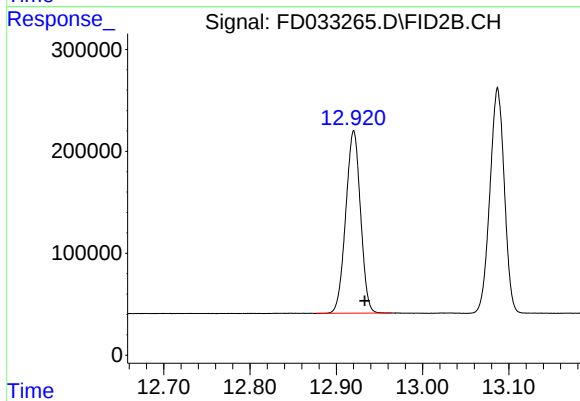
#10 n-Eicosane (C20)

R.T.: 12.478 min
Delta R.T.: -0.013 min
Response: 2595480
Conc: 18.69 ug/ml



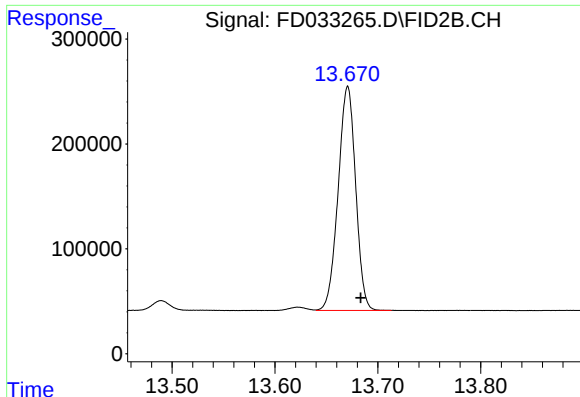
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: -0.013 min
Response: 2563568
Conc: 18.30 ug/ml



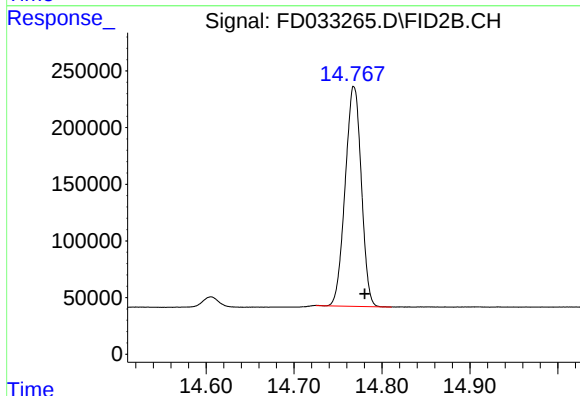
#12 1-chlorooctadecane (SURR)

R.T.: 12.920 min
Delta R.T.: -0.013 min
Response: 2128078
Conc: 18.13 ug/ml



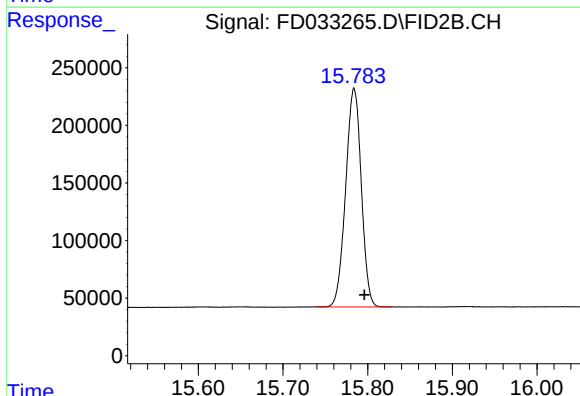
#13 n-Docosane (C22)

R.T.: 13.671 min
Delta R.T.: -0.013 min
Response: 2528864
Conc: 18.21 ug/ml



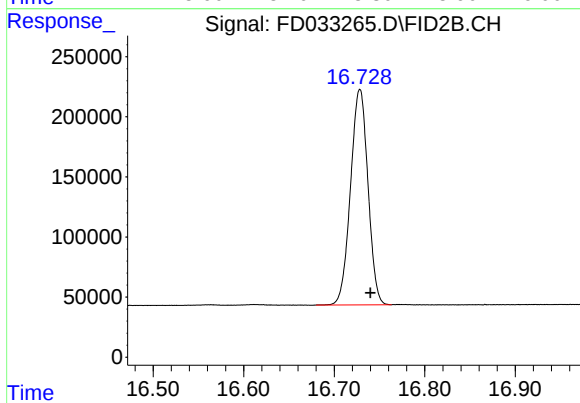
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: -0.012 min
Response: 2473272
Conc: 18.02 ug/ml



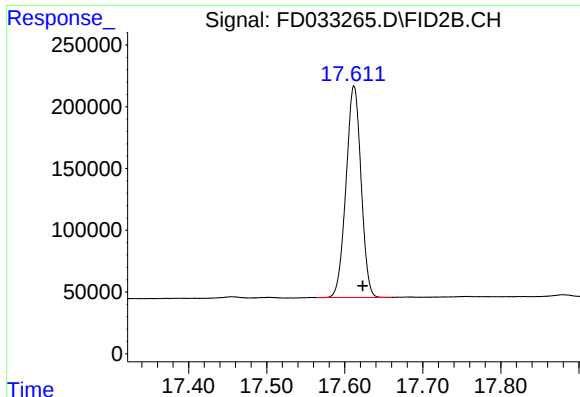
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: -0.012 min
Response: 2433975
Conc: 18.30 ug/ml



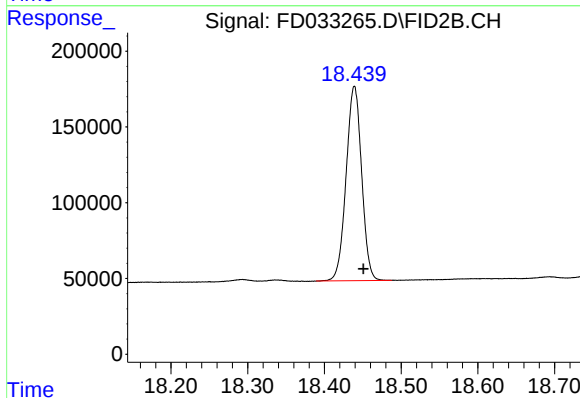
#16 n-Octacosane (C28)

R.T.: 16.728 min
Delta R.T.: -0.012 min
Response: 2398080
Conc: 19.00 ug/ml



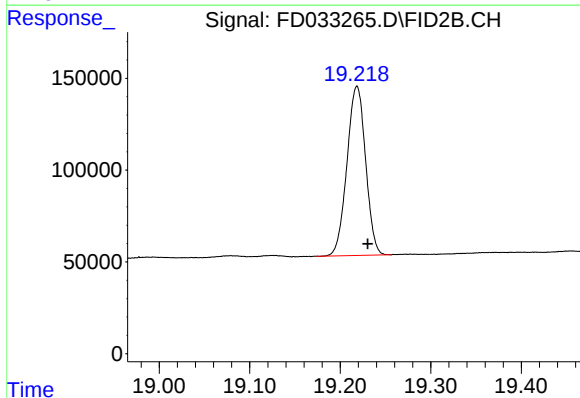
#17 n-Tricontane (C30)

R.T.: 17.612 min
Delta R.T.: -0.011 min
Response: 2294131
Conc: 20.15 ug/ml



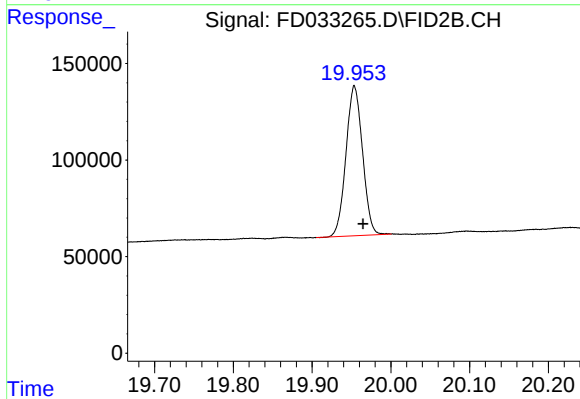
#18 n-Dotriacontane (C32)

R.T.: 18.439 min
Delta R.T.: -0.012 min
Response: 1803506
Conc: 21.47 ug/ml



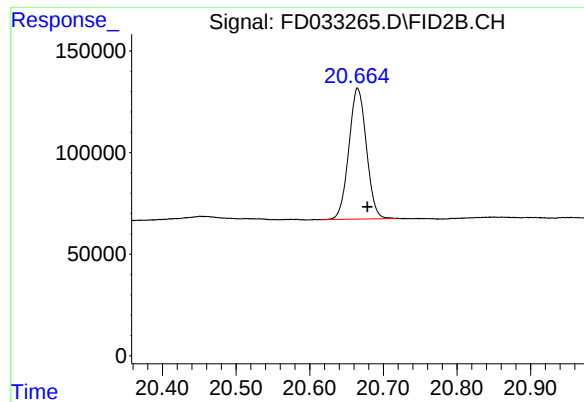
#19 n-Tetratriacontane (C34)

R.T.: 19.218 min
Delta R.T.: -0.012 min
Response: 1319997
Conc: 21.76 ug/ml



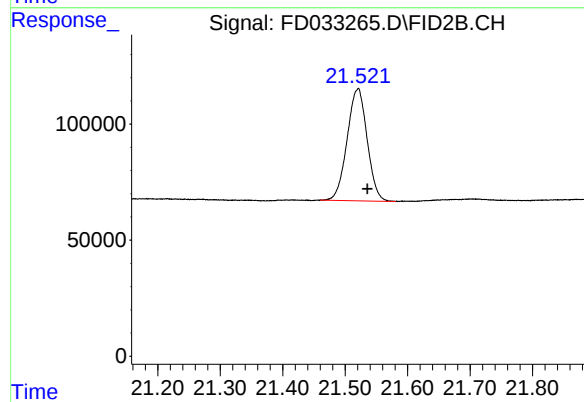
#20 n-Hexatriacontane (C36)

R.T.: 19.954 min
Delta R.T.: -0.011 min
Response: 1132080
Conc: 22.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.665 min
Delta R.T.: -0.013 min
Response: 1064900
Conc: 22.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.521 min
Delta R.T.: -0.015 min
Response: 1074361
Conc: 21.29 ug/ml