

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052220AL\
 Data File : FD033588.D
 Signal(s) : FID2B.CH
 Acq On : 22 May 2020 12:18
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 23 01:41:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 07:22:05 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)	11.470	2918088	21.460 ug/ml
Spiked Amount 50.000		Recovery =	42.92%
12) S 1-chlorooctadecane (S...	12.899	2334339	20.993 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
Target Compounds			
1) T n-Nonane (C9)	3.289	2576221	22.438 ug/ml
2) T n-Decane (C10)	4.347	2617392	22.739 ug/ml
3) T A~Naphthalene (C11.7)	5.920	2800912	22.598 ug/ml
4) T n-Dodecane (C12)	6.351	2692679	22.600 ug/ml
5) T A~2-methylnaphthalene...	6.969	2858854	22.990 ug/ml
6) T n-Tetradecane (C14)	8.134	2705750	22.415 ug/ml
7) T n-Hexadecane (C16)	9.723	2650577	22.196 ug/ml
8) T n-Octadecane (C18)	11.157	2736901	21.582 ug/ml
10) T n-Eicosane (C20)	12.458	2729113	21.150 ug/ml
11) T n-Heneicosane (C21)	13.067	2707872	21.016 ug/ml
13) T n-Docosane (C22)	13.650	2722252	21.212 ug/ml
14) T n-Tetracosane (C24)	14.746	2674806	21.019 ug/ml
15) T n-Hexacosane (C26)	15.761	2634672	21.020 ug/ml
16) T n-Octacosane (C28)	16.707	2598052	20.900 ug/ml
17) T n-Tricontane (C30)	17.587	2510621	20.864 ug/ml
18) T n-Dotriacontane (C32)	18.415	2265839	20.690 ug/ml
19) T n-Tetratriacontane (C34)	19.193	2083897	20.333 ug/ml
20) T n-Hexatriacontane (C36)	19.928	1954594	20.414 ug/ml
21) T n-Octatriacontane (C38)	20.636	1850390	20.647 ug/ml
22) T n-Tetracontane (C40)	21.479	1897170	21.364 ug/ml

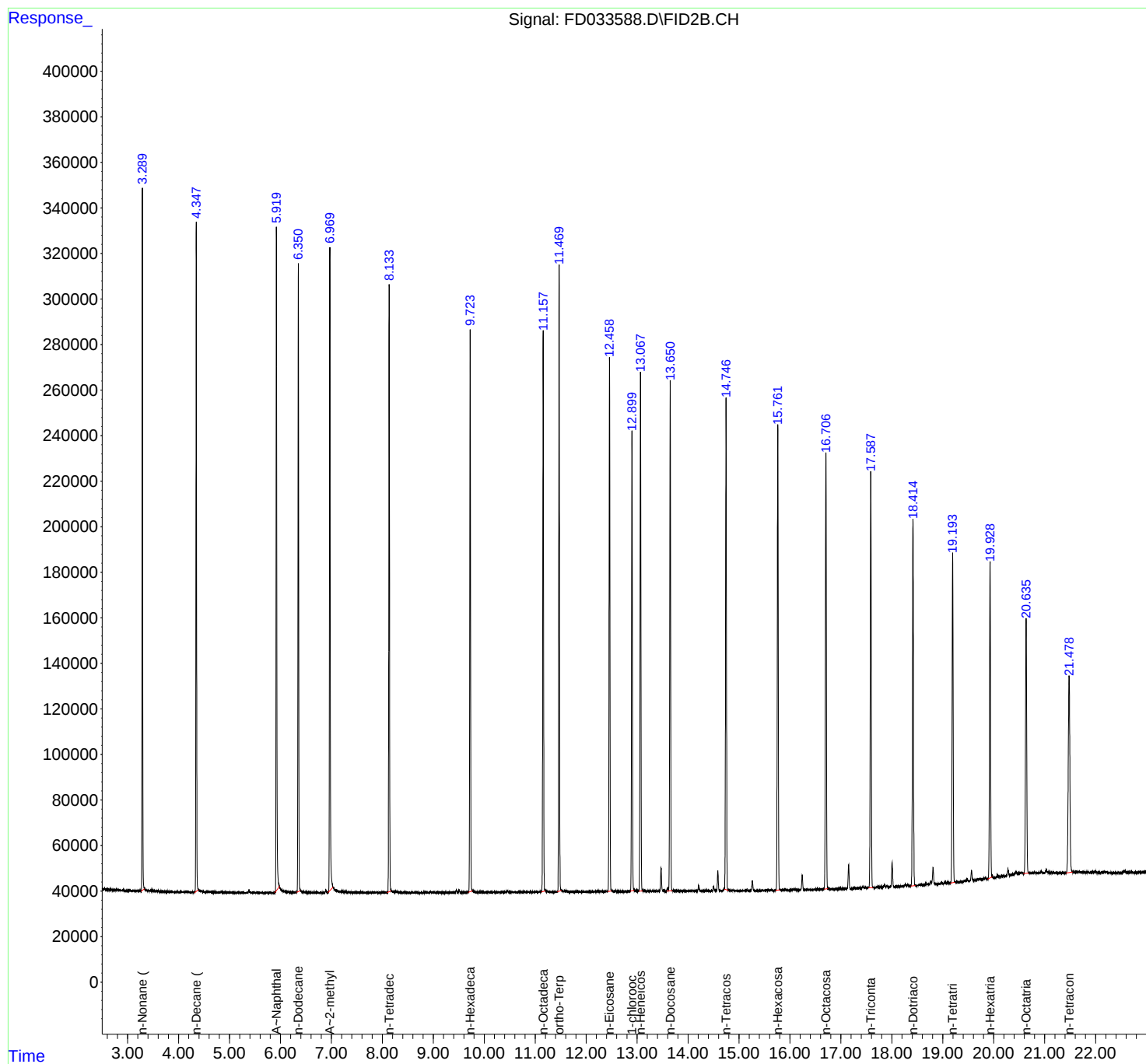
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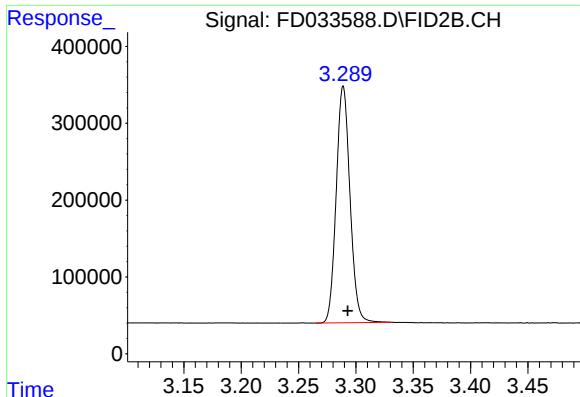
(m)=manual int.

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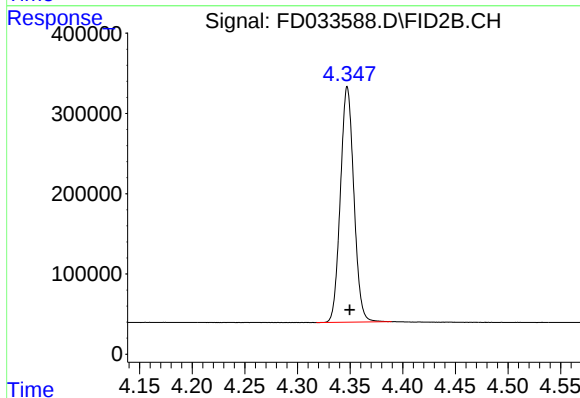
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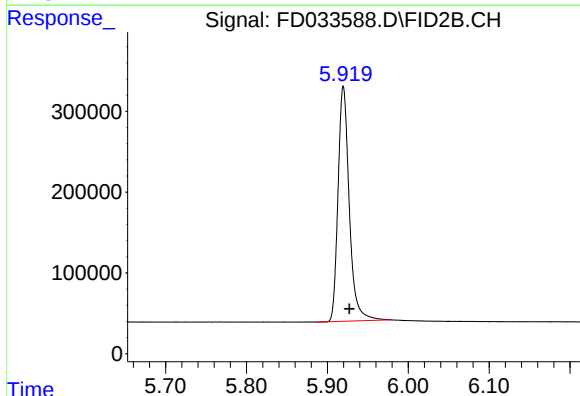
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.004 min
Response: 2576221
Conc: 22.44 ug/ml



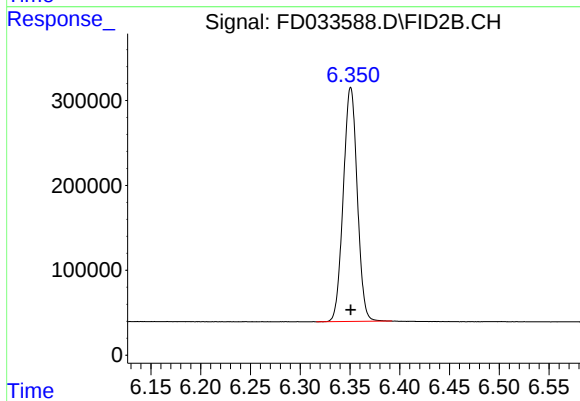
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: -0.002 min
Response: 2617392
Conc: 22.74 ug/ml



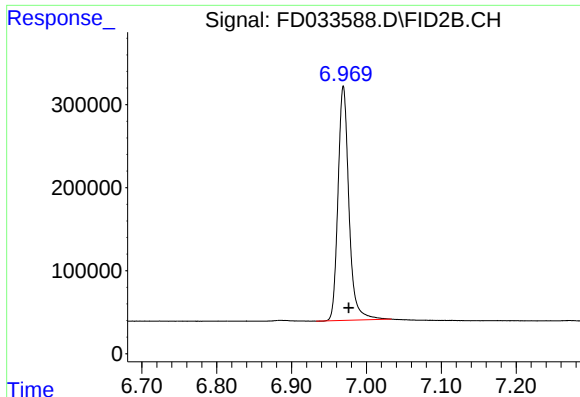
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.007 min
Response: 2800912
Conc: 22.60 ug/ml



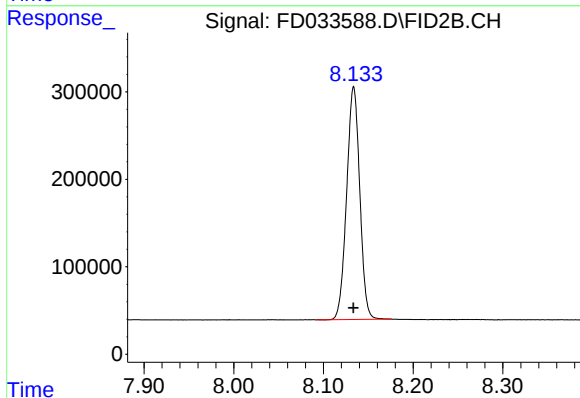
#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 2692679
Conc: 22.60 ug/ml



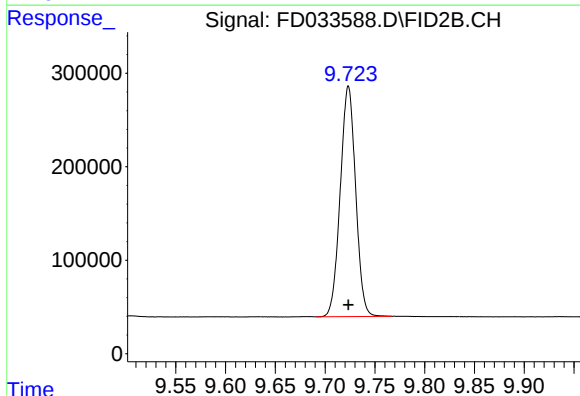
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.969 min
Delta R.T.: -0.007 min
Response: 2858854
Conc: 22.99 ug/ml



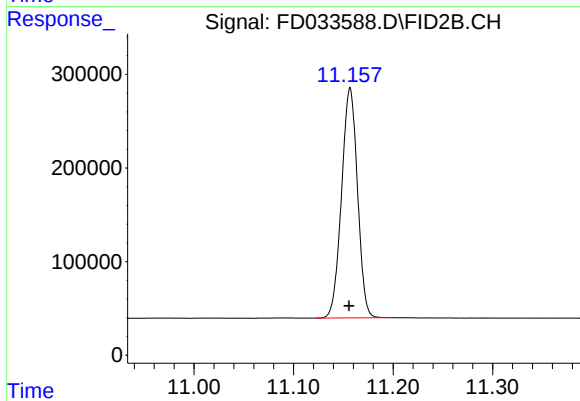
#6 n-Tetradecane (C14)

R.T.: 8.134 min
Delta R.T.: 0.000 min
Response: 2705750
Conc: 22.42 ug/ml



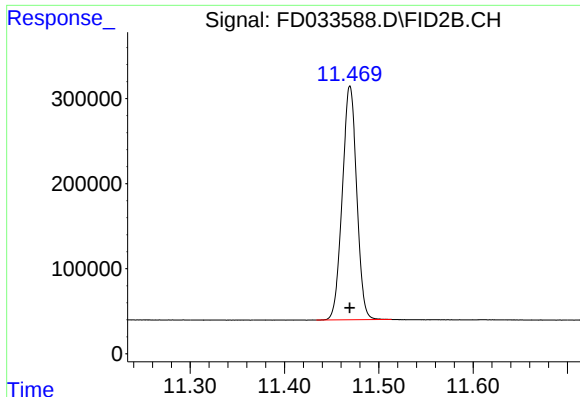
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 2650577
Conc: 22.20 ug/ml



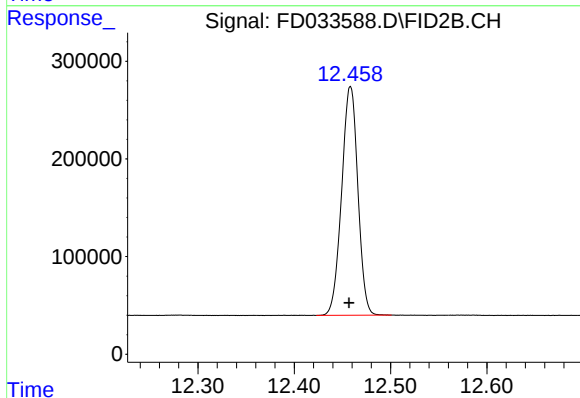
#8 n-Octadecane (C18)

R.T.: 11.157 min
Delta R.T.: 0.001 min
Response: 2736901
Conc: 21.58 ug/ml



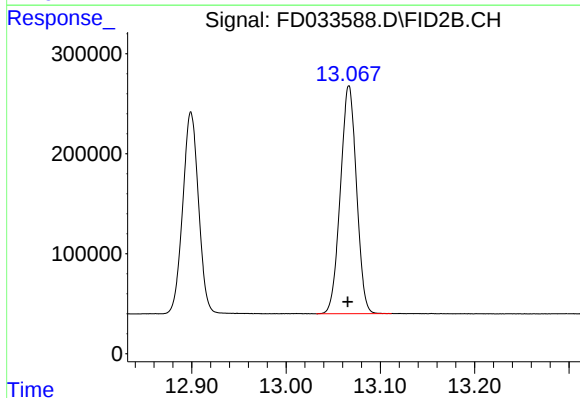
#9 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 2918088
Conc: 21.46 ug/ml



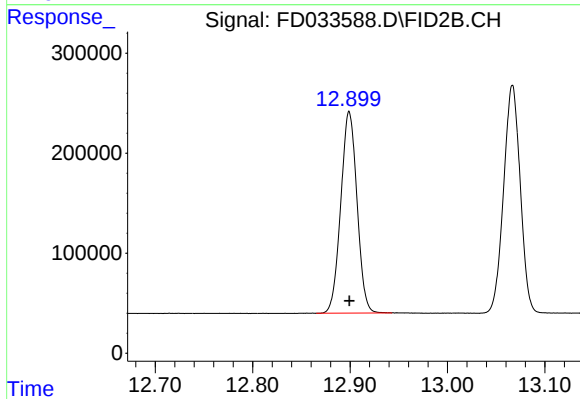
#10 n-Eicosane (C20)

R.T.: 12.458 min
Delta R.T.: 0.001 min
Response: 2729113
Conc: 21.15 ug/ml



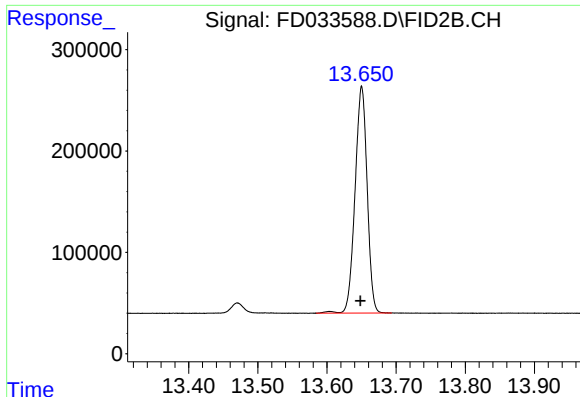
#11 n-Heneicosane (C21)

R.T.: 13.067 min
Delta R.T.: 0.001 min
Response: 2707872
Conc: 21.02 ug/ml



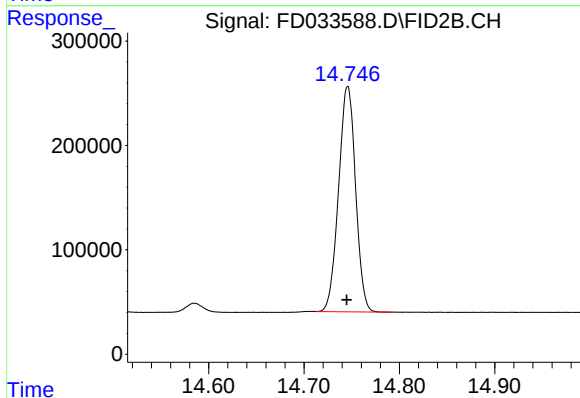
#12 1-chlorooctadecane (SURR)

R.T.: 12.899 min
Delta R.T.: 0.000 min
Response: 2334339
Conc: 20.99 ug/ml



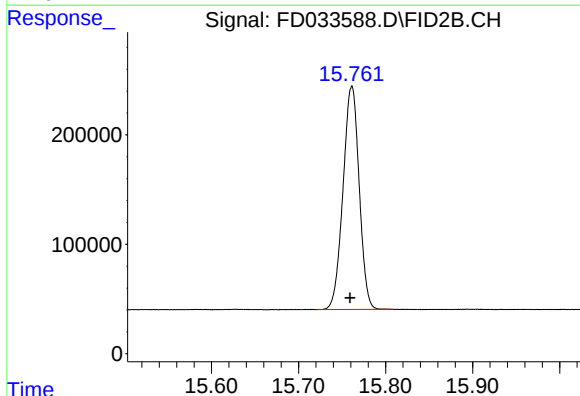
#13 n-Docosane (C22)

R.T.: 13.650 min
Delta R.T.: 0.002 min
Response: 2722252
Conc: 21.21 ug/ml



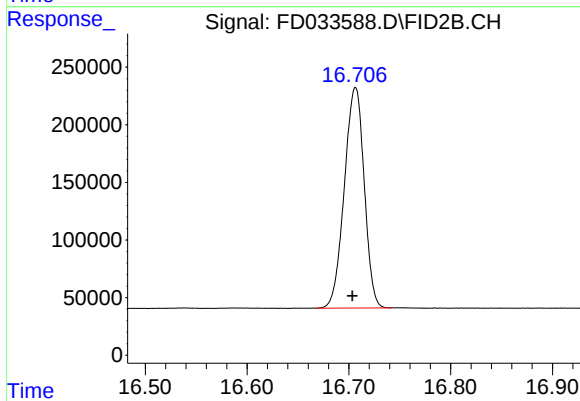
#14 n-Tetracosane (C24)

R.T.: 14.746 min
Delta R.T.: 0.001 min
Response: 2674806
Conc: 21.02 ug/ml



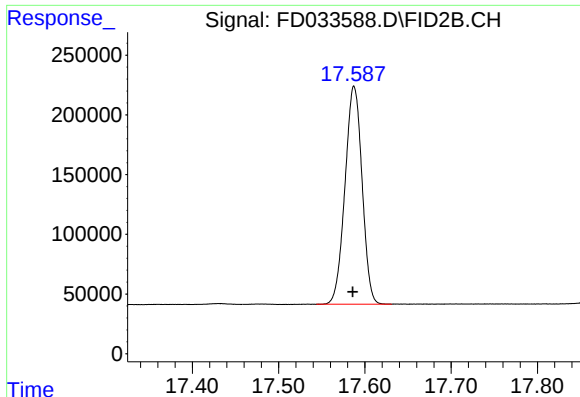
#15 n-Hexacosane (C26)

R.T.: 15.761 min
Delta R.T.: 0.002 min
Response: 2634672
Conc: 21.02 ug/ml



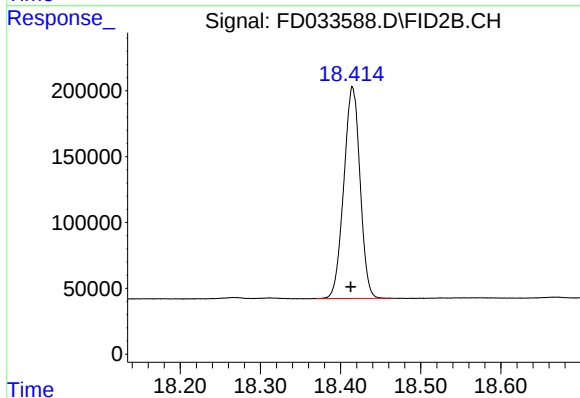
#16 n-Octacosane (C28)

R.T.: 16.707 min
Delta R.T.: 0.003 min
Response: 2598052
Conc: 20.90 ug/ml



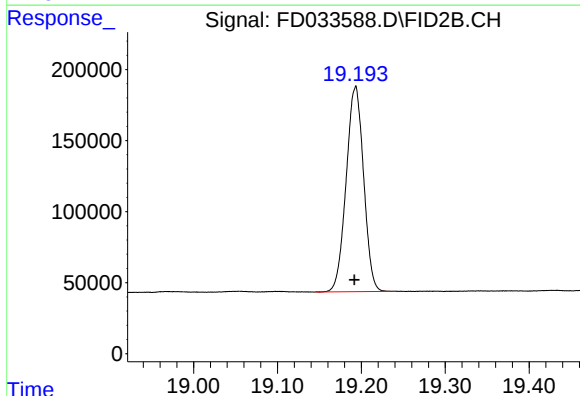
#17 n-Tricontane (C30)

R.T.: 17.587 min
Delta R.T.: 0.002 min
Response: 2510621
Conc: 20.86 ug/ml



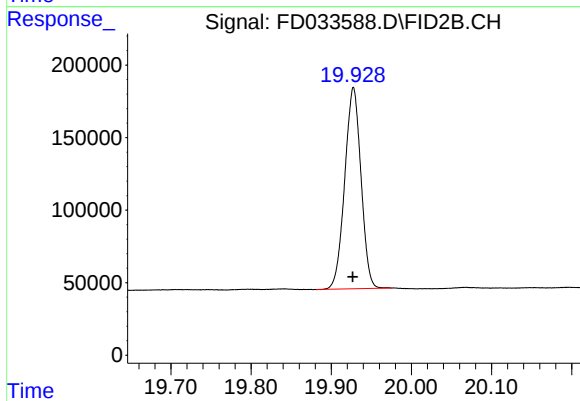
#18 n-Dotriacontane (C32)

R.T.: 18.415 min
Delta R.T.: 0.002 min
Response: 2265839
Conc: 20.69 ug/ml



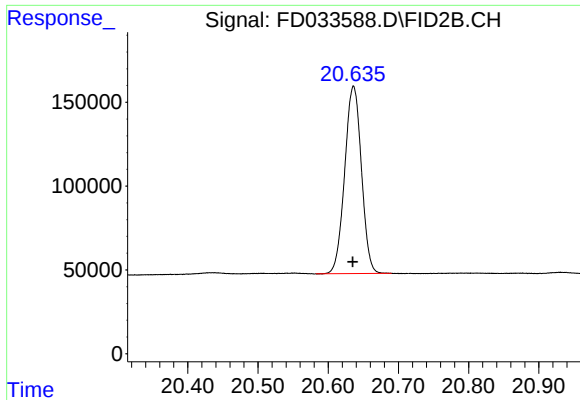
#19 n-Tetratriacontane (C34)

R.T.: 19.193 min
Delta R.T.: 0.001 min
Response: 2083897
Conc: 20.33 ug/ml



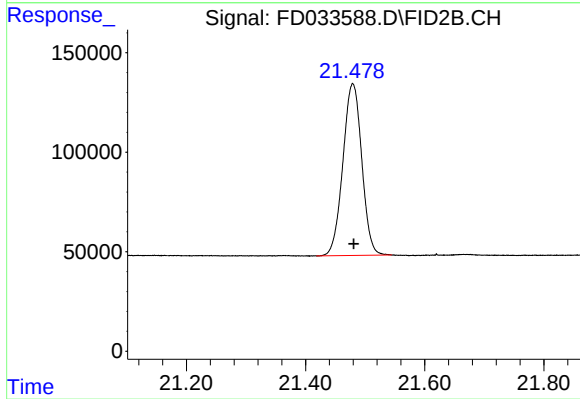
#20 n-Hexatriacontane (C36)

R.T.: 19.928 min
Delta R.T.: 0.001 min
Response: 1954594
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.636 min
Delta R.T.: 0.001 min
Response: 1850390
Conc: 20.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.479 min
Delta R.T.: -0.001 min
Response: 1897170
Conc: 21.36 ug/ml