

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090919AL\
 Data File : FD030560.D
 Signal(s) : FID2B.CH
 Acq On : 09 Sep 2019 8:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 10 07:48:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 04:22:49 2019
 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)	11.501	3135925	21.560 ug/ml
Spiked Amount 50.000		Recovery =	43.12%
12) S 1-chlorooctadecane (S...	12.928	2348362	21.502 ug/ml
Spiked Amount 50.000		Recovery =	43.00%
Target Compounds			
1) T n-Nonane (C9)	3.314	2782174	22.289 ug/ml
2) T n-Decane (C10)	4.373	2831733	22.632 ug/ml
3) T A-Naphthalene (C11.7)	5.948	3176480	22.652 ug/ml
4) T n-Dodecane (C12)	6.379	2855734	22.572 ug/ml
5) T A~2-methylnaphthalene...	6.998	3213527	22.674 ug/ml
6) T n-Tetradecane (C14)	8.164	2854504	22.430 ug/ml
7) T n-Hexadecane (C16)	9.755	2852060	22.344 ug/ml
8) T n-Octadecane (C18)	11.187	2832705	22.097 ug/ml
10) T n-Eicosane (C20)	12.487	2774227	21.769 ug/ml
11) T n-Heneicosane (C21)	13.095	2763348	21.601 ug/ml
13) T n-Docosane (C22)	13.677	2725733	21.400 ug/ml
14) T n-Tetracosane (C24)	14.772	2652727	20.890 ug/ml
15) T n-Hexacosane (C26)	15.784	2540580	20.425 ug/ml
16) T n-Octacosane (C28)	16.726	2449691	20.092 ug/ml
17) T n-Tricontane (C30)	17.607	2410332	20.273 ug/ml
18) T n-Dotriacontane (C32)	18.431	2359196	20.575 ug/ml
19) T n-Tetratriacontane (C34)	19.209	2305409	21.235 ug/mlm
20) T n-Hexatriacontane (C36)	19.943	2302572	22.431 ug/mlm
21) T n-Octatriacontane (C38)	20.649	2186697	22.536 ug/mlm
22) T n-Tetracontane (C40)	21.501	2294479	22.377 ug/ml

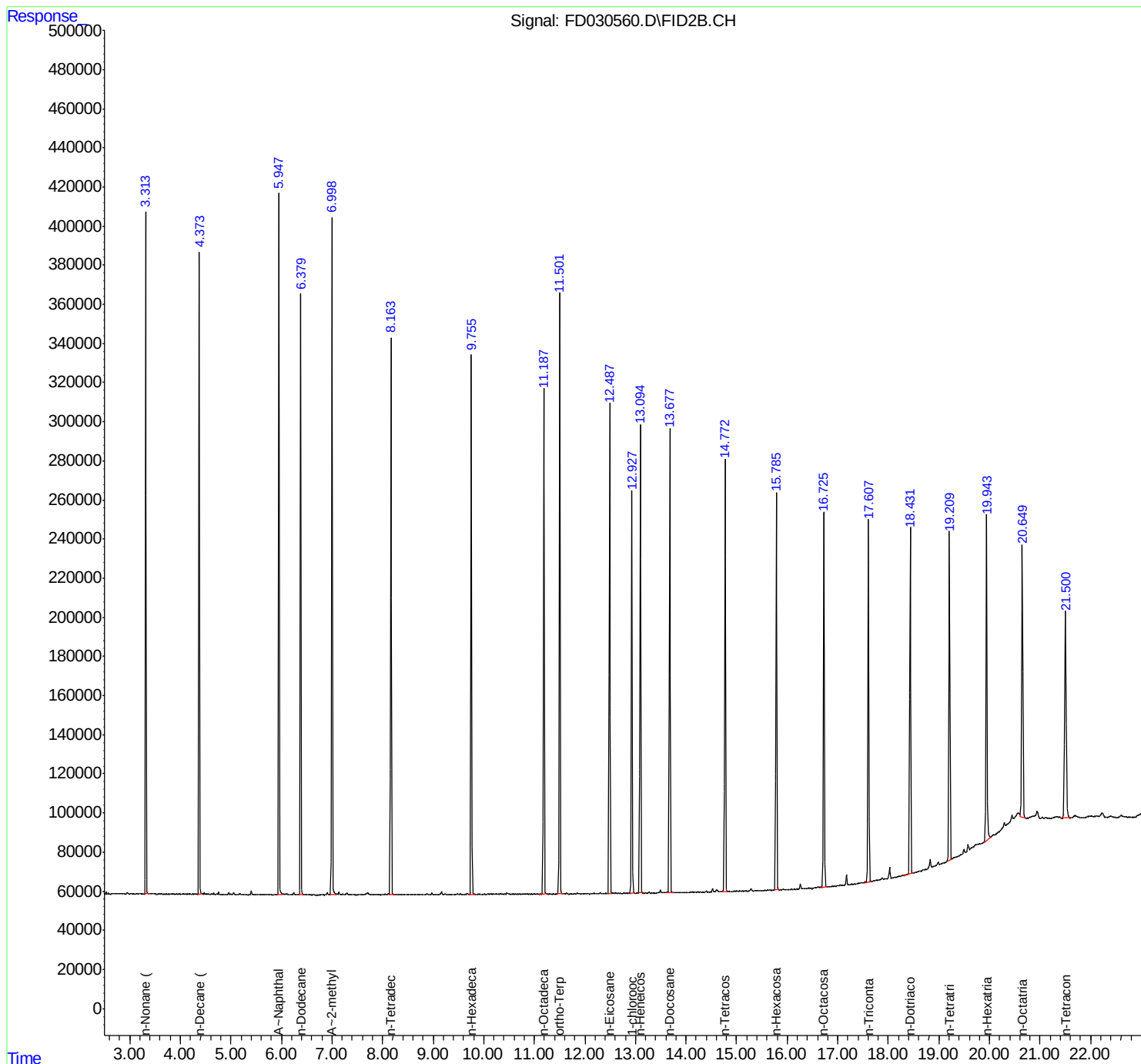
(f)=RT Delta > 1/2 Window

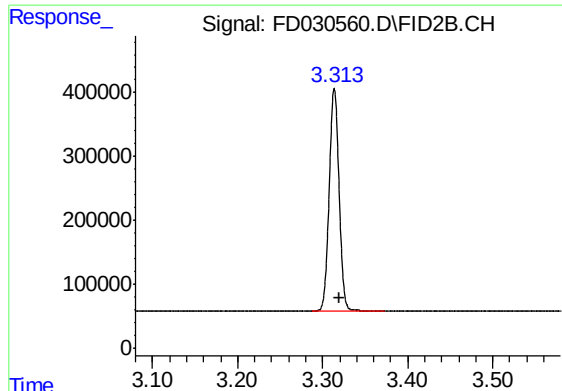
(m)=manual int.

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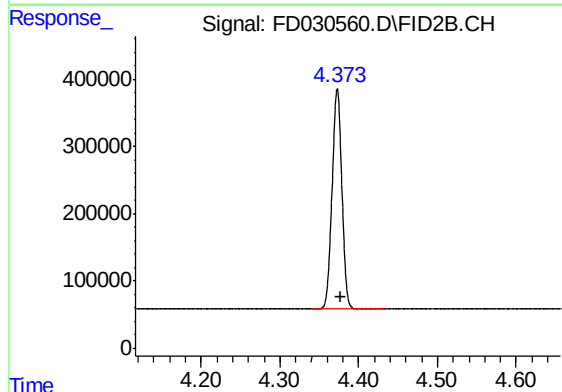
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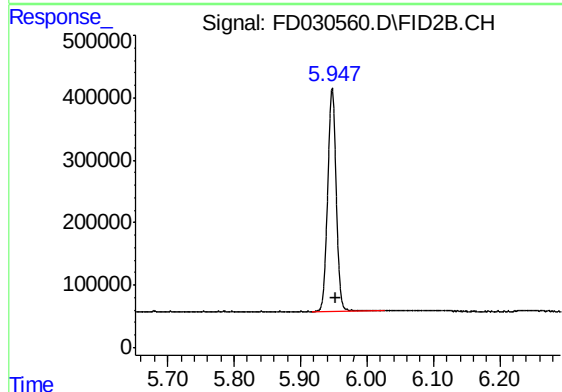
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.006 min
Response: 2782174
Conc: 22.29 ug/ml



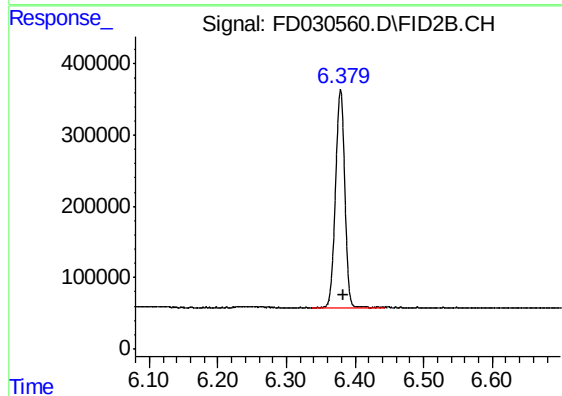
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: -0.005 min
Response: 2831733
Conc: 22.63 ug/ml



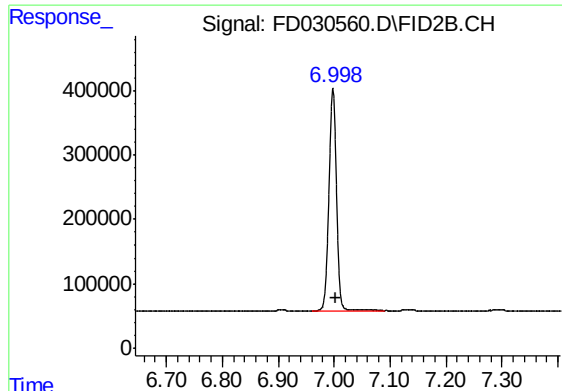
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.006 min
Response: 3176480
Conc: 22.65 ug/ml



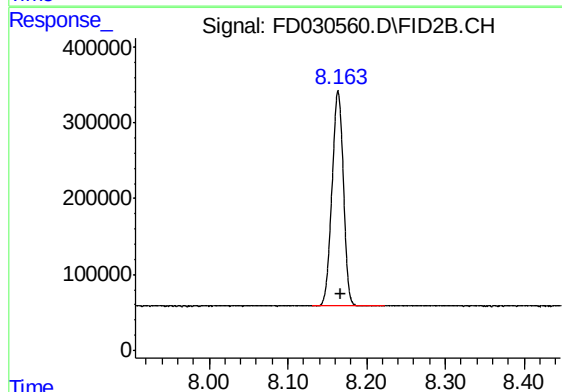
#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.005 min
Response: 2855734
Conc: 22.57 ug/ml



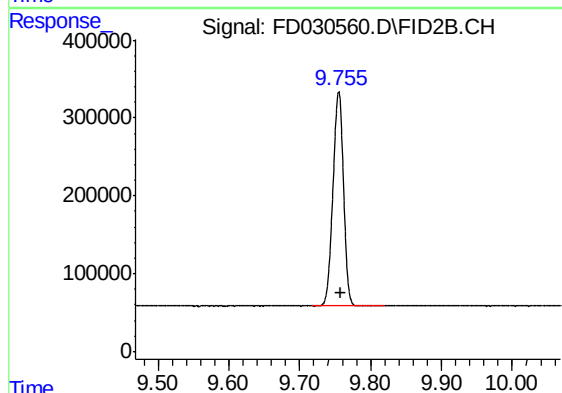
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.004 min
Response: 3213527
Conc: 22.67 ug/ml



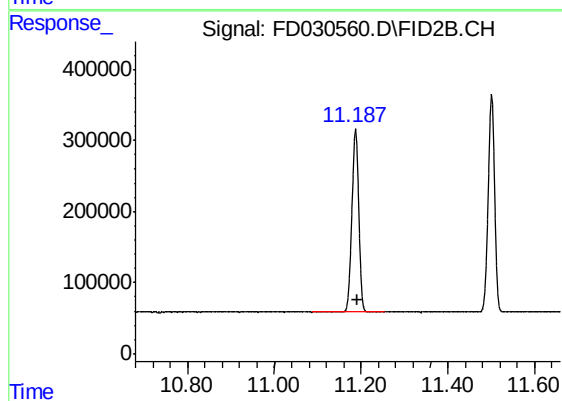
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.004 min
Response: 2854504
Conc: 22.43 ug/ml



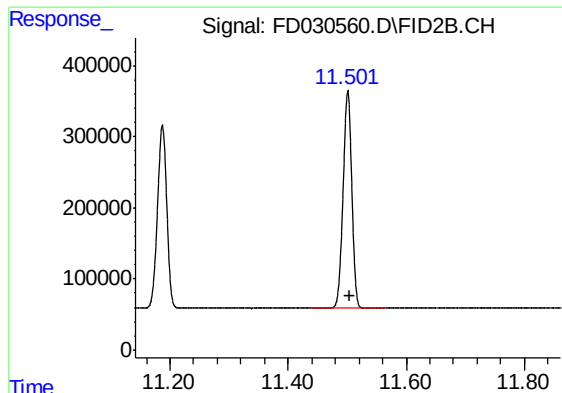
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: -0.003 min
Response: 2852060
Conc: 22.34 ug/ml



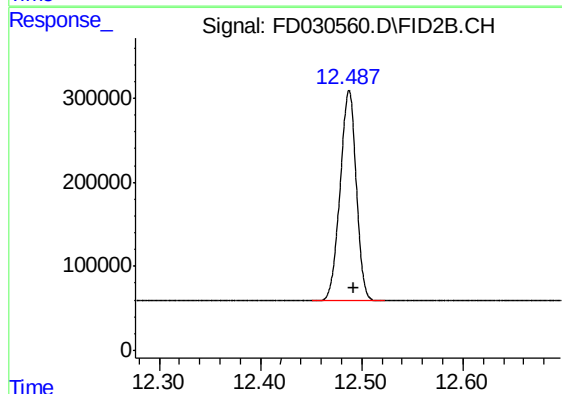
#8 n-Octadecane (C18)

R.T.: 11.187 min
Delta R.T.: -0.004 min
Response: 2832705
Conc: 22.10 ug/ml



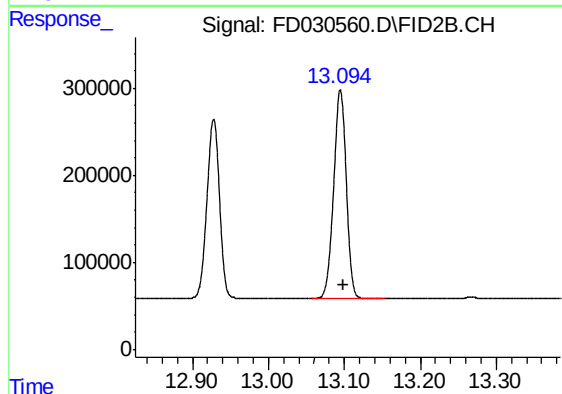
#9 ortho-Terphenyl (SURR)

R.T.: 11.501 min
Delta R.T.: -0.004 min
Response: 3135925
Conc: 21.56 ug/ml



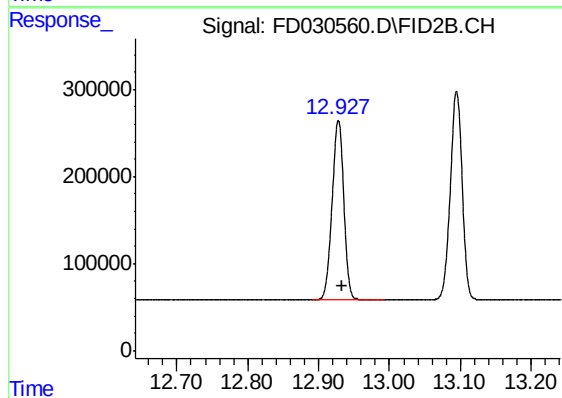
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: -0.004 min
Response: 2774227
Conc: 21.77 ug/ml



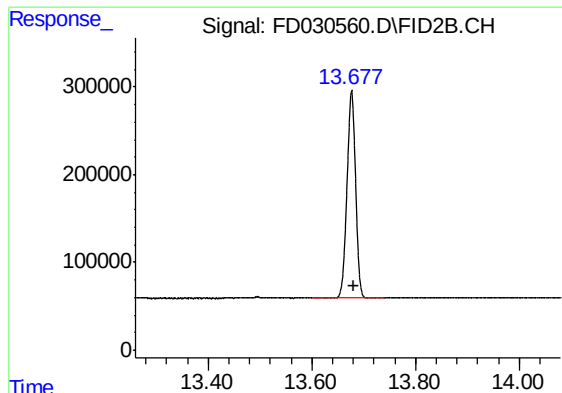
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: -0.004 min
Response: 2763348
Conc: 21.60 ug/ml



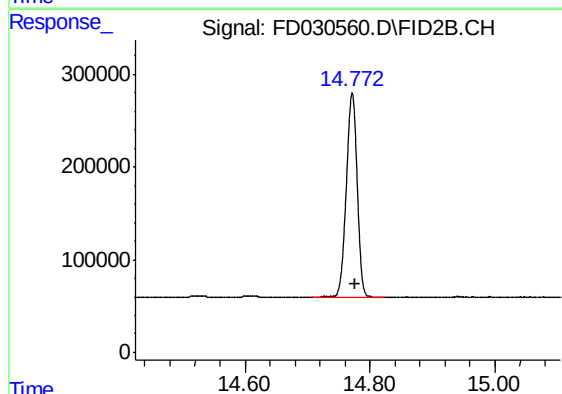
#12 1-chlorooctadecane (SURR)

R.T.: 12.928 min
Delta R.T.: -0.004 min
Response: 2348362
Conc: 21.50 ug/ml



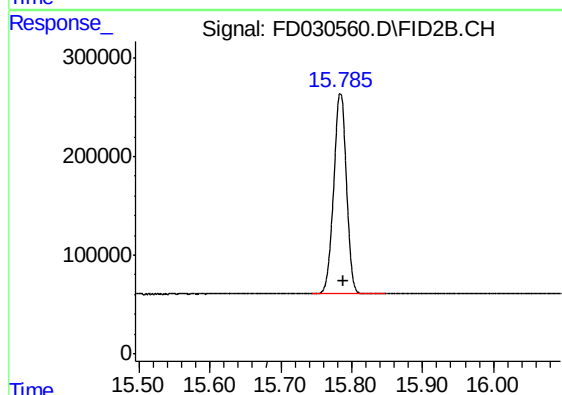
#13 n-Docosane (C22)

R.T.: 13.677 min
Delta R.T.: -0.004 min
Response: 2725733
Conc: 21.40 ug/ml



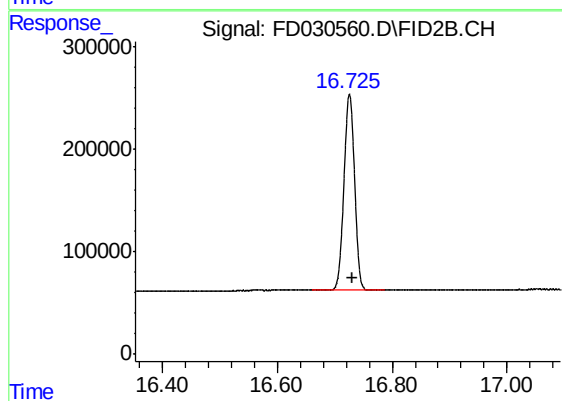
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: -0.003 min
Response: 2652727
Conc: 20.89 ug/ml



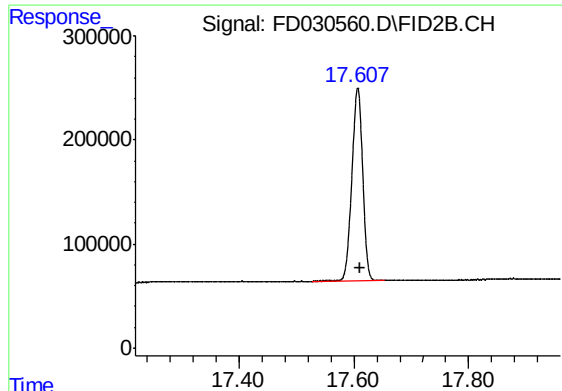
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: -0.004 min
Response: 2540580
Conc: 20.42 ug/ml



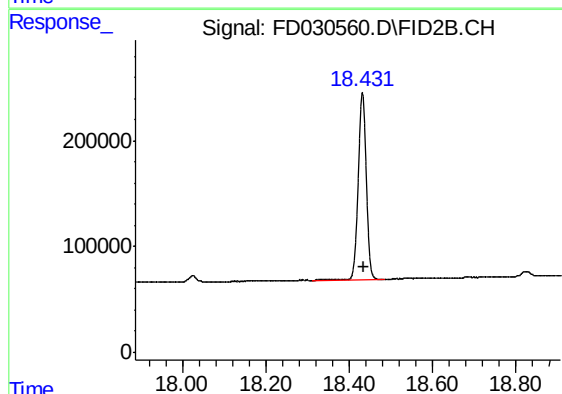
#16 n-Octacosane (C28)

R.T.: 16.726 min
Delta R.T.: -0.005 min
Response: 2449691
Conc: 20.09 ug/ml



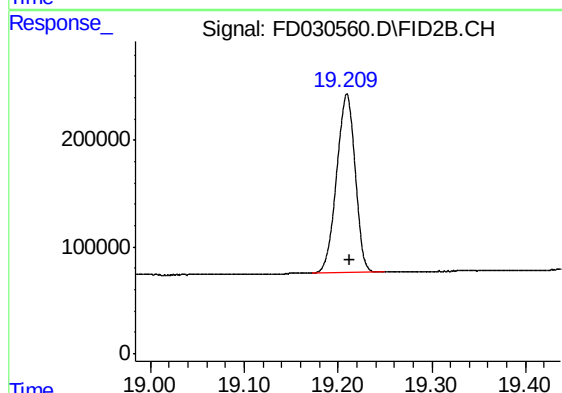
#17 n-Tricontane (C30)

R.T.: 17.607 min
Delta R.T.: -0.004 min
Response: 2410332
Conc: 20.27 ug/ml



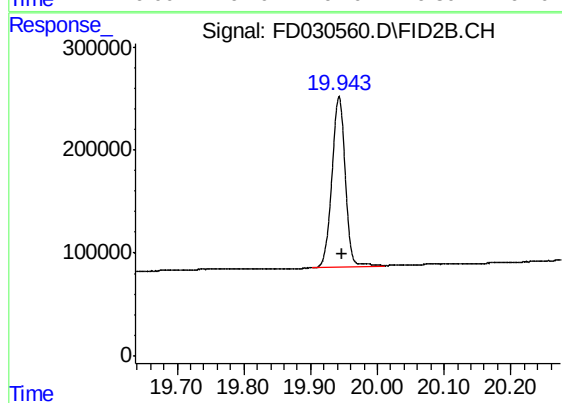
#18 n-Dotriacontane (C32)

R.T.: 18.431 min
Delta R.T.: -0.005 min
Response: 2359196
Conc: 20.58 ug/ml



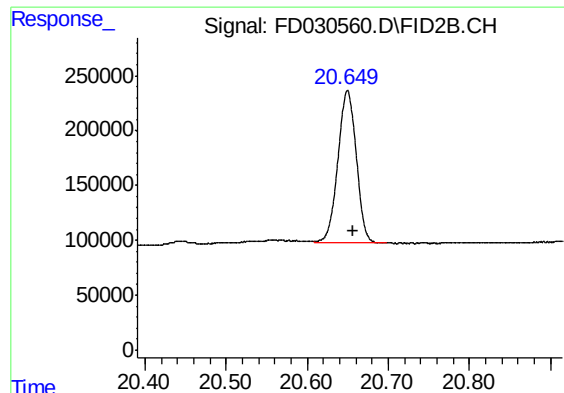
#19 n-Tetratriacontane (C34)

R.T.: 19.209 min
Delta R.T.: -0.004 min
Response: 2305409
Conc: 21.24 ug/ml m



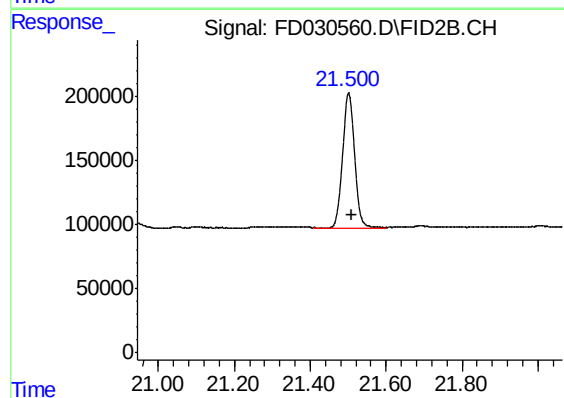
#20 n-Hexatriacontane (C36)

R.T.: 19.943 min
Delta R.T.: -0.004 min
Response: 2302572
Conc: 22.43 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.649 min
Delta R.T.: -0.007 min
Response: 2186697
Conc: 22.54 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.501 min
Delta R.T.: -0.008 min
Response: 2294479
Conc: 22.38 ug/ml