

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AL\
 Data File : FD040058.D
 Signal(s) : FID2B.CH
 Acq On : 20 Dec 2021 20:11
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 00:45:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 2021
 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)	10.747	3490800	22.236 ug/ml
Spiked Amount 50.000		Recovery =	44.47%
12) S 1-chlorooctadecane (S...	12.181	2733421	22.134 ug/ml
Spiked Amount 50.000		Recovery =	44.27%
Target Compounds			
1) T n-Nonane (C9)	2.652	3161646	22.467 ug/ml
2) T n-Decane (C10)	3.652	3212432	22.523 ug/ml
3) T A~Naphthalene (C11.7)	5.197	3610671	22.493 ug/ml
4) T n-Dodecane (C12)	5.631	3220830	22.558 ug/ml
5) T A~2-methylnaphthalene...	6.241	3640283	22.557 ug/ml
6) T n-Tetradecane (C14)	7.412	3255109	22.585 ug/ml
7) T n-Hexadecane (C16)	9.003	3277800	22.531 ug/ml
8) T n-Octadecane (C18)	10.438	3343579	22.470 ug/ml
10) T n-Eicosane (C20)	11.742	3296029	22.537 ug/ml
11) T n-Heneicosane (C21)	12.351	3262730	22.208 ug/ml
13) T n-Docosane (C22)	12.935	3281934	22.475 ug/ml
14) T n-Tetracosane (C24)	14.033	3349548	22.998 ug/ml
15) T n-Hexacosane (C26)	15.050	3273203	23.337 ug/ml
16) T n-Octacosane (C28)	15.995	3219772	23.740 ug/ml
17) T n-Tricontane (C30)	16.881	3196484	24.462 ug/ml
18) T n-Dotriacontane (C32)	17.709	3080910	24.755 ug/ml
19) T n-Tetratriacontane (C34)	18.491	2984159	24.707 ug/ml
20) T n-Hexatriacontane (C36)	19.228	2694511	23.430 ug/ml
21) T n-Octatriacontane (C38)	19.940	2627140	23.536 ug/ml
22) T n-Tetracontane (C40)	20.784f	2642600	23.192 ug/ml

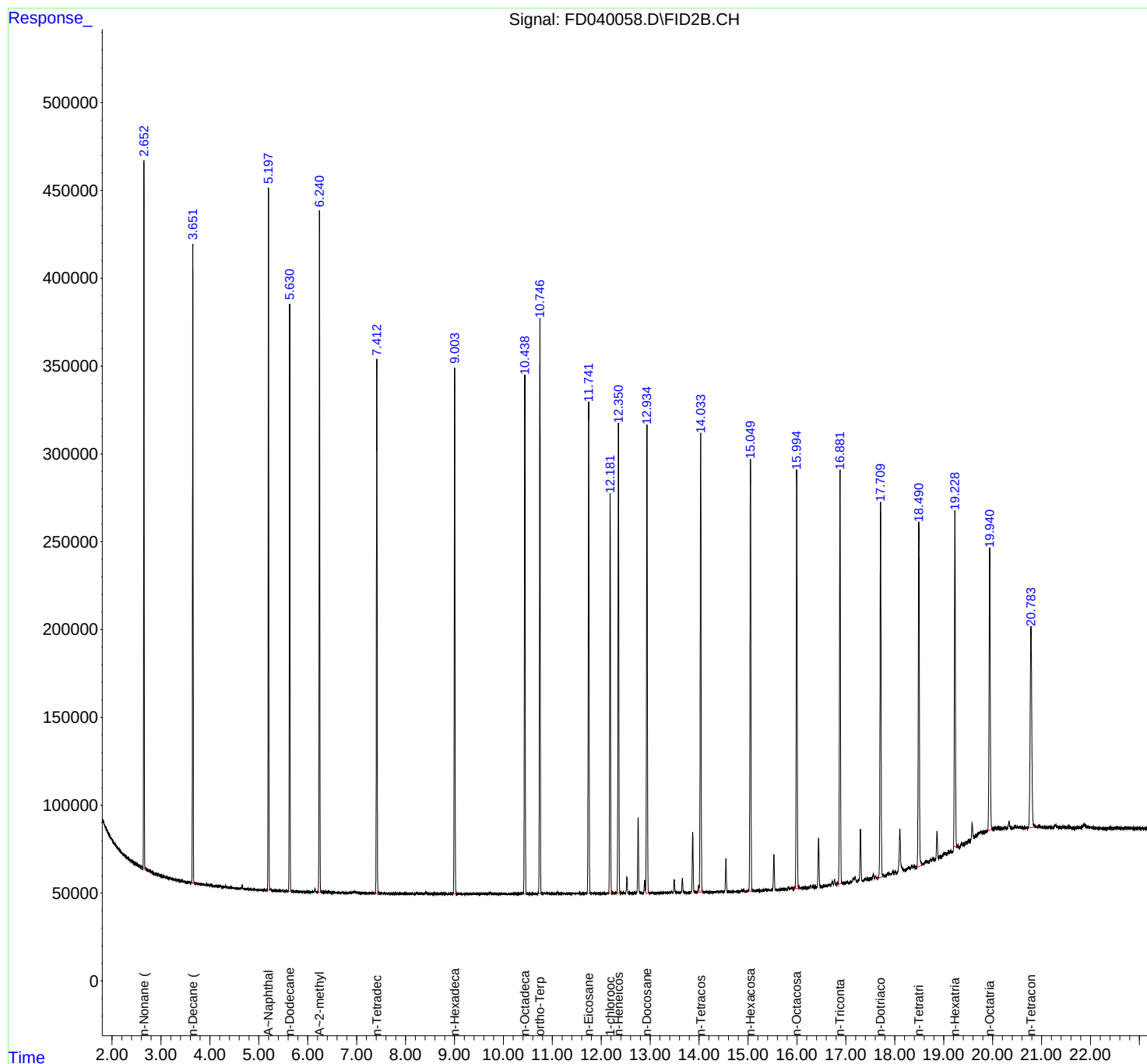
(f)=RT Delta > 1/2 Window

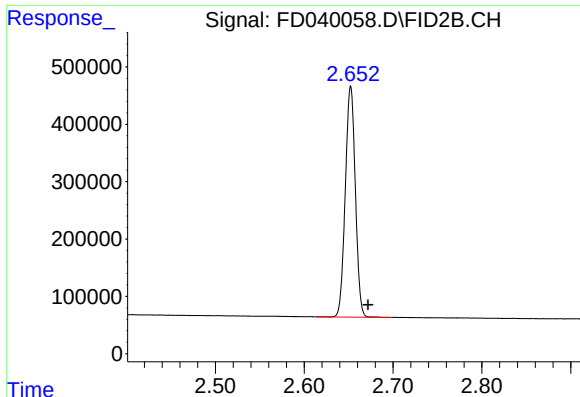
(m)=manual int.

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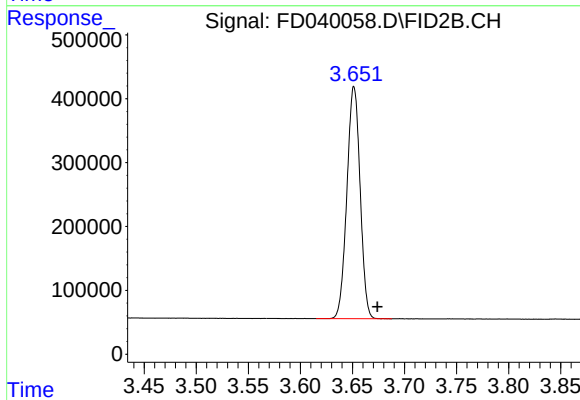
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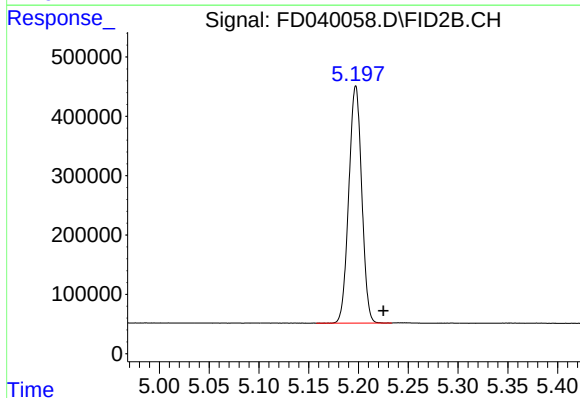
#1 n-Nonane (C9)

R.T.: 2.652 min
Delta R.T.: -0.020 min
Response: 3161646
Conc: 22.47 ug/ml



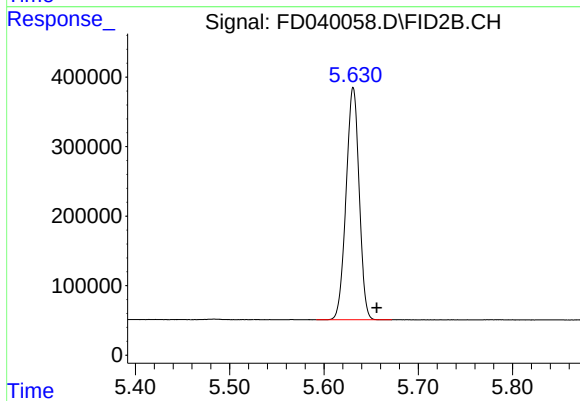
#2 n-Decane (C10)

R.T.: 3.652 min
Delta R.T.: -0.022 min
Response: 3212432
Conc: 22.52 ug/ml



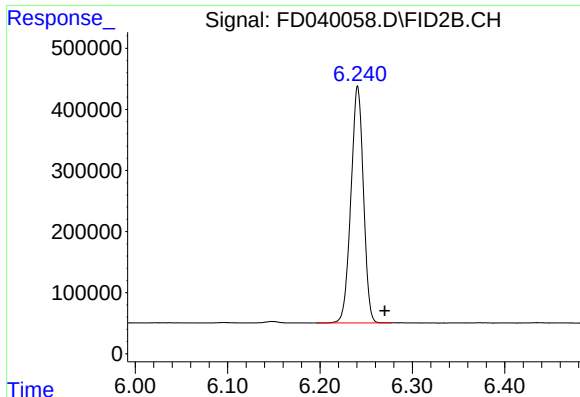
#3 A~Naphthalene (C11.7)

R.T.: 5.197 min
Delta R.T.: -0.028 min
Response: 3610671
Conc: 22.49 ug/ml



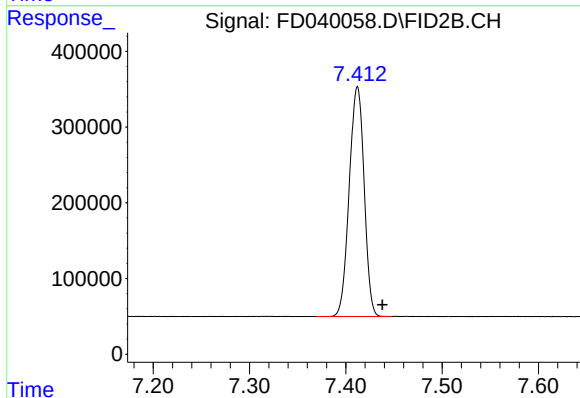
#4 n-Dodecane (C12)

R.T.: 5.631 min
Delta R.T.: -0.025 min
Response: 3220830
Conc: 22.56 ug/ml



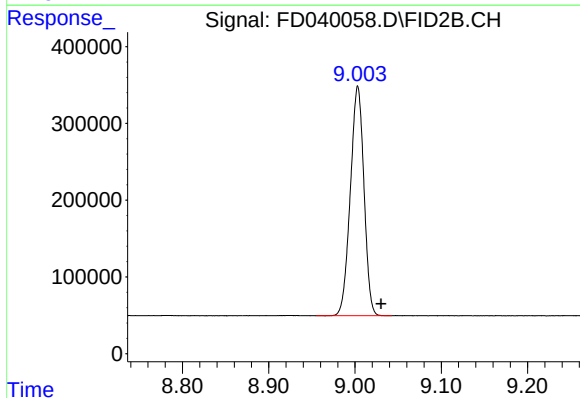
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.241 min
Delta R.T.: -0.029 min
Response: 3640283
Conc: 22.56 ug/ml



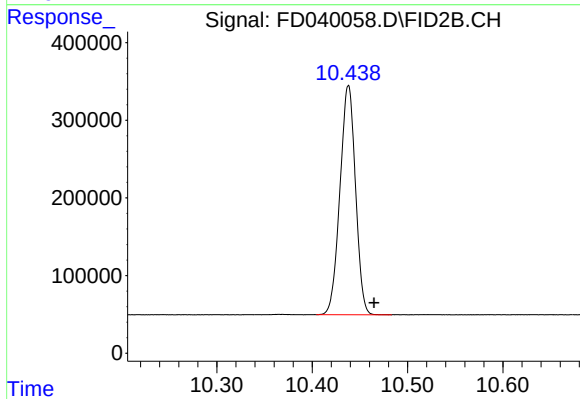
#6 n-Tetradecane (C14)

R.T.: 7.412 min
Delta R.T.: -0.026 min
Response: 3255109
Conc: 22.58 ug/ml



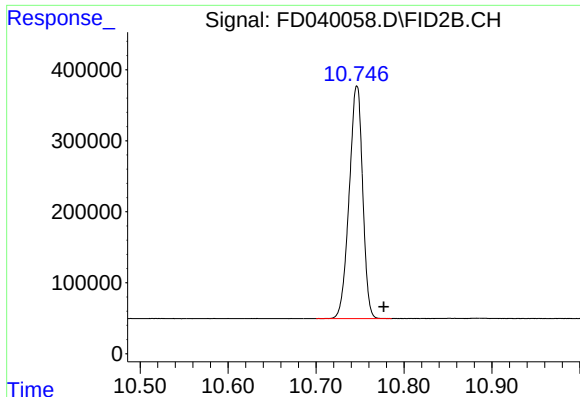
#7 n-Hexadecane (C16)

R.T.: 9.003 min
Delta R.T.: -0.027 min
Response: 3277800
Conc: 22.53 ug/ml



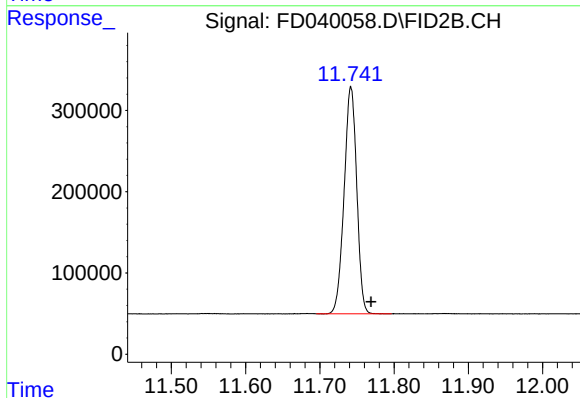
#8 n-Octadecane (C18)

R.T.: 10.438 min
Delta R.T.: -0.027 min
Response: 3343579
Conc: 22.47 ug/ml



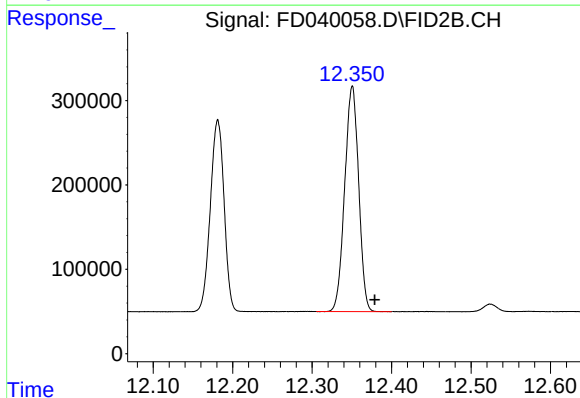
#9 ortho-Terphenyl (SURR)

R.T.: 10.747 min
Delta R.T.: -0.030 min
Response: 3490800
Conc: 22.24 ug/ml



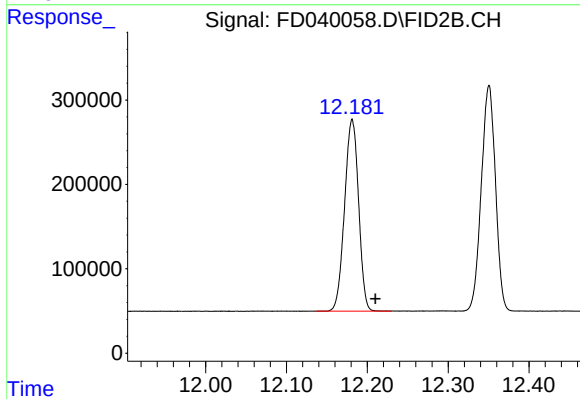
#10 n-Eicosane (C20)

R.T.: 11.742 min
Delta R.T.: -0.027 min
Response: 3296029
Conc: 22.54 ug/ml



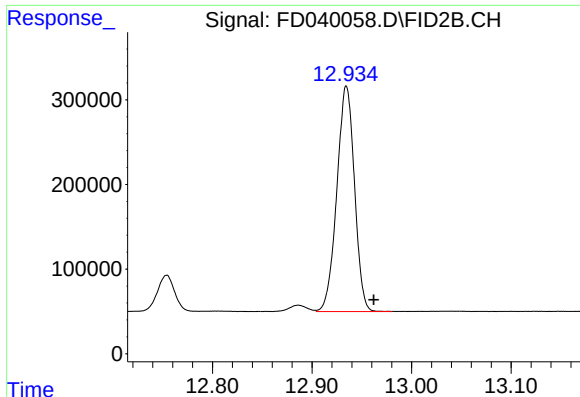
#11 n-Heneicosane (C21)

R.T.: 12.351 min
Delta R.T.: -0.028 min
Response: 3262730
Conc: 22.21 ug/ml



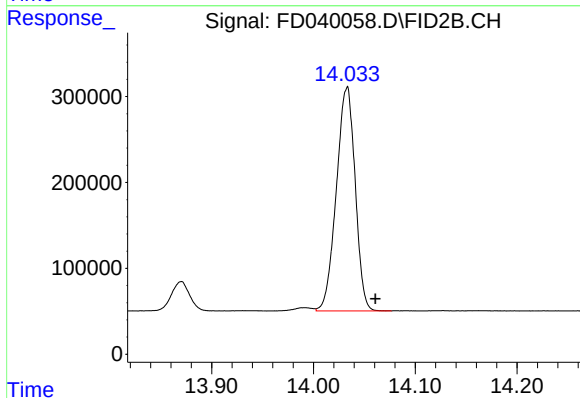
#12 1-chlorooctadecane (SURR)

R.T.: 12.181 min
Delta R.T.: -0.029 min
Response: 2733421
Conc: 22.13 ug/ml



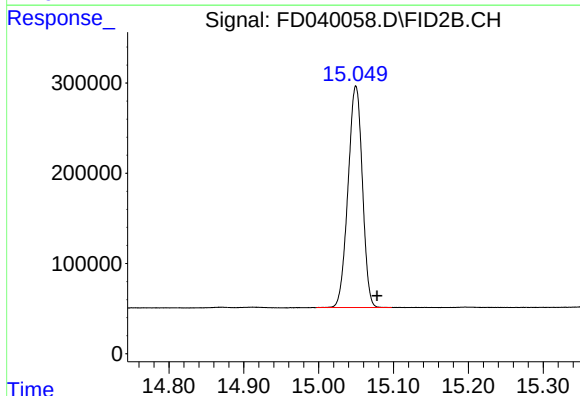
#13 n-Docosane (C22)

R.T.: 12.935 min
Delta R.T.: -0.027 min
Response: 3281934
Conc: 22.47 ug/ml



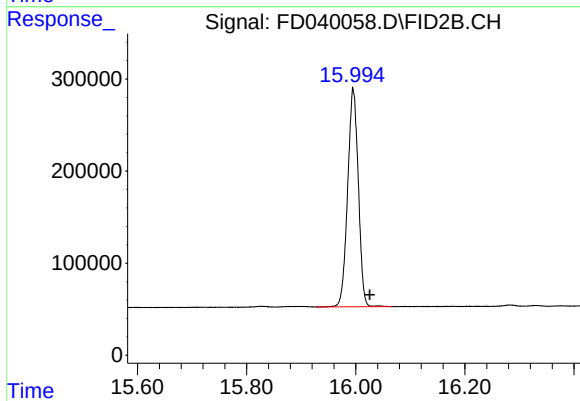
#14 n-Tetracosane (C24)

R.T.: 14.033 min
Delta R.T.: -0.028 min
Response: 3349548
Conc: 23.00 ug/ml



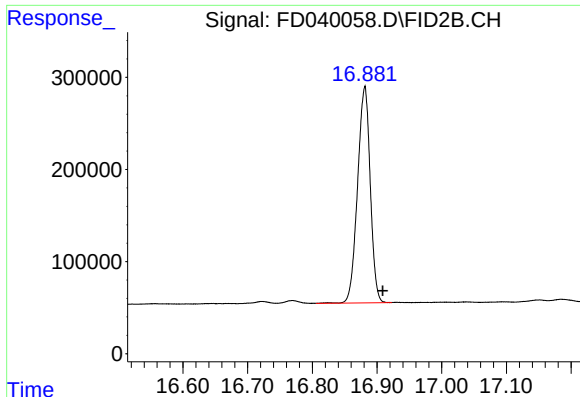
#15 n-Hexacosane (C26)

R.T.: 15.050 min
Delta R.T.: -0.028 min
Response: 3273203
Conc: 23.34 ug/ml



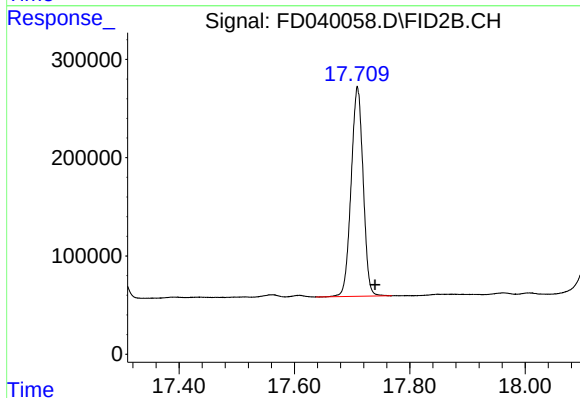
#16 n-Octacosane (C28)

R.T.: 15.995 min
Delta R.T.: -0.031 min
Response: 3219772
Conc: 23.74 ug/ml



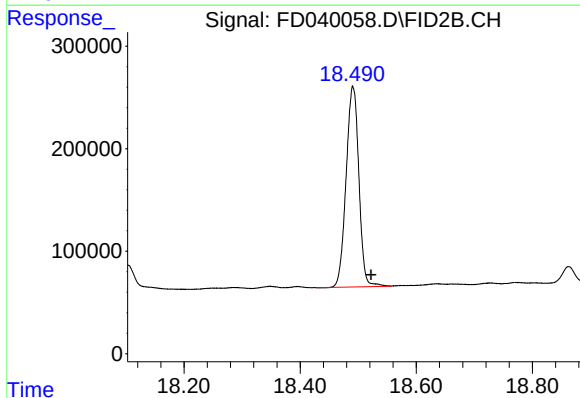
#17 n-Tricontane (C30)

R.T.: 16.881 min
Delta R.T.: -0.028 min
Response: 3196484
Conc: 24.46 ug/ml



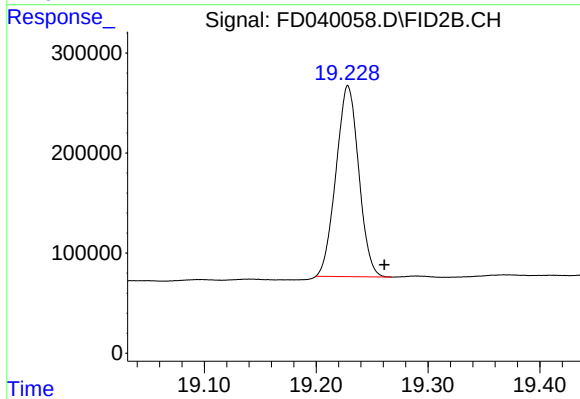
#18 n-Dotriacontane (C32)

R.T.: 17.709 min
Delta R.T.: -0.031 min
Response: 3080910
Conc: 24.76 ug/ml



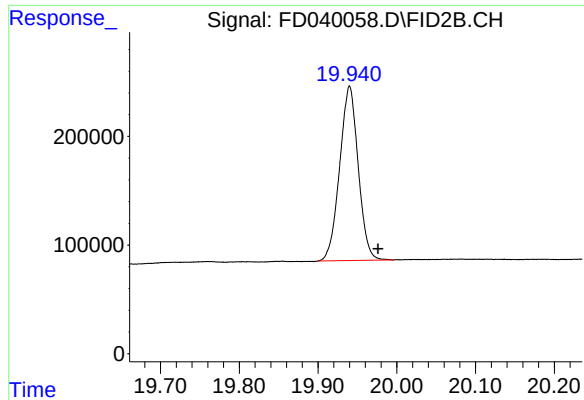
#19 n-Tetratriacontane (C34)

R.T.: 18.491 min
Delta R.T.: -0.031 min
Response: 2984159
Conc: 24.71 ug/ml



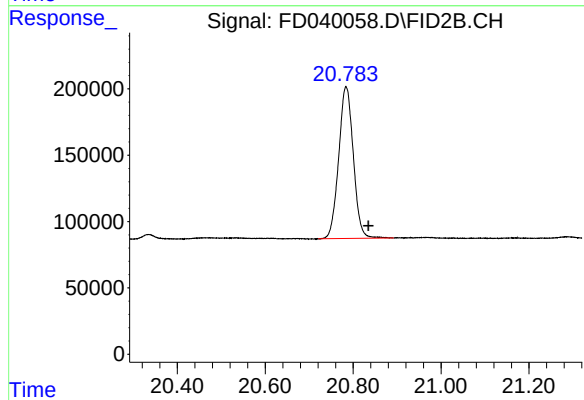
#20 n-Hexatriacontane (C36)

R.T.: 19.228 min
Delta R.T.: -0.033 min
Response: 2694511
Conc: 23.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.940 min
Delta R.T.: -0.036 min
Response: 2627140
Conc: 23.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.784 min
Delta R.T.: -0.051 min
Response: 2642600
Conc: 23.19 ug/ml