

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042922AL\
 Data File : FD042194.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2022 10:40
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 29 23:45:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 Qlast Update : Fri Apr 22 01:55:29 2022
 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)	11.201	3377681	20.140 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
12) S 1-chlorooctadecane (S...	12.640	2606505	19.752 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
Target Compounds			
1) T n-Nonane (C9)	3.076	2891842	21.216 ug/ml
2) T n-Decane (C10)	4.120	2903015	21.662 ug/ml
3) T A~Naphthalene (C11.7)	5.670	3047346	21.023 ug/ml
4) T n-Dodecane (C12)	6.114	3018060	21.199 ug/ml
5) T A~2-methylnaphthalene...	6.716	3045043	21.851 ug/ml
6) T n-Tetradecane (C14)	7.890	3023665	21.227 ug/ml
7) T n-Hexadecane (C16)	9.475	3045195	20.955 ug/ml
8) T n-Octadecane (C18)	10.904	3071089	20.491 ug/ml
10) T n-Eicosane (C20)	12.203	3065332	20.027 ug/ml
11) T n-Heneicosane (C21)	12.811	3036417	19.696 ug/ml
13) T n-Docosane (C22)	13.392	3146751	20.414 ug/ml
14) T n-Tetracosane (C24)	14.489	3295885	21.311 ug/ml
15) T n-Hexacosane (C26)	15.503	3280762	21.329 ug/ml
16) T n-Octacosane (C28)	16.447	3317817	21.701 ug/mlm
17) T n-Tricontane (C30)	17.328	3313604	22.091 ug/mlm
18) T n-Dotriacontane (C32)	18.157	3102108	21.939 ug/ml
19) T n-Tetratriacontane (C34)	18.935	2743446	21.318 ug/ml
20) T n-Hexatriacontane (C36)	19.670	2391300	21.132 ug/mlm
21) T n-Octatriacontane (C38)	20.366	2214999	22.200 ug/ml
22) T n-Tetracontane (C40)	21.139	2112331	23.419 ug/ml

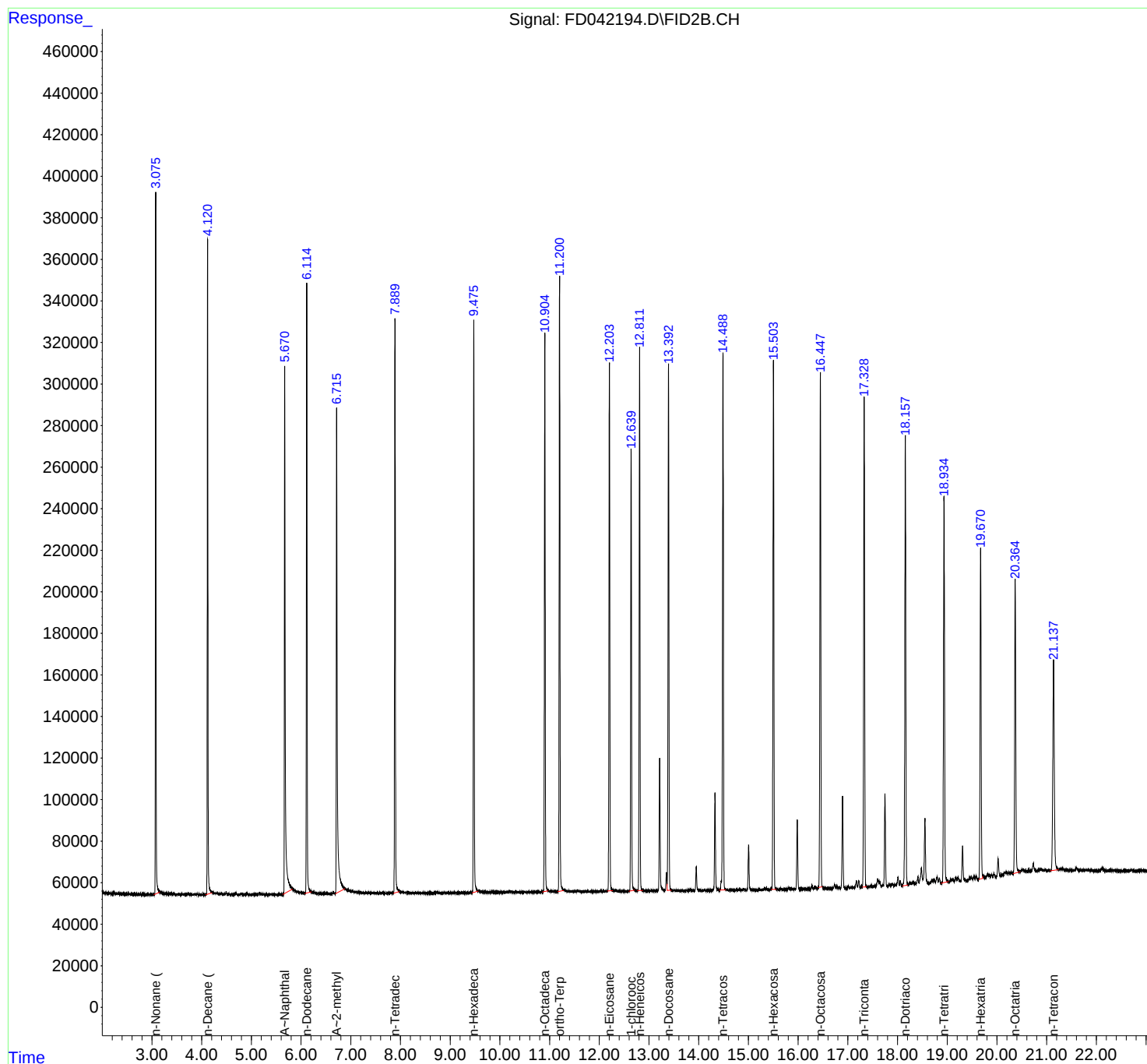
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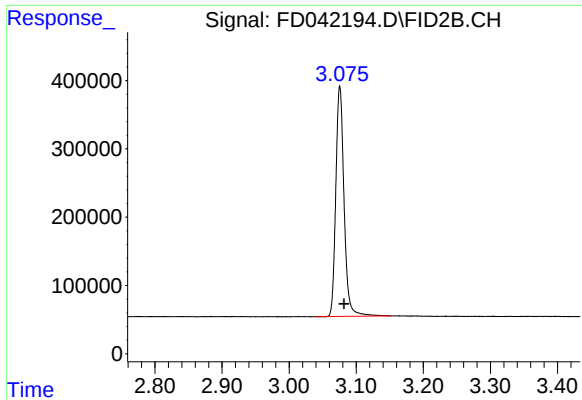
(m)=manual int.

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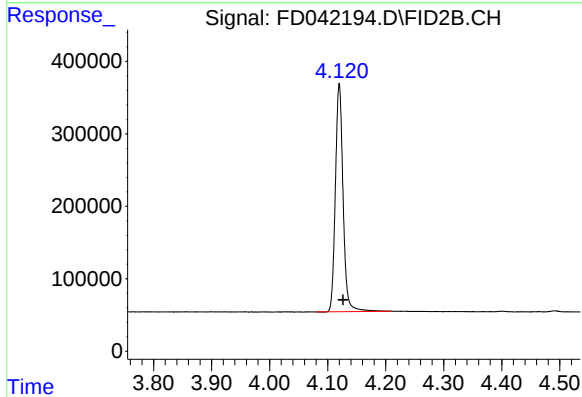
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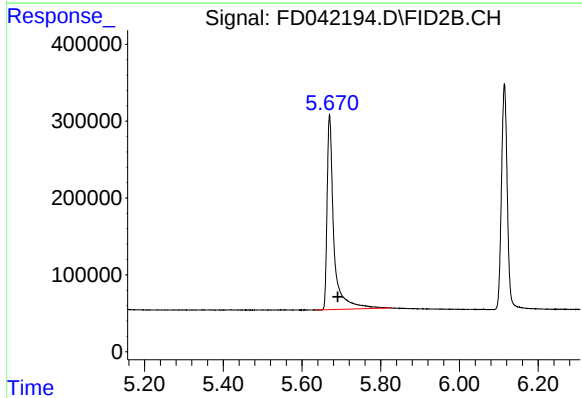
#1 n-Nonane (C9)

R.T.: 3.076 min
Delta R.T.: -0.006 min
Response: 2891842
Conc: 21.22 ug/ml



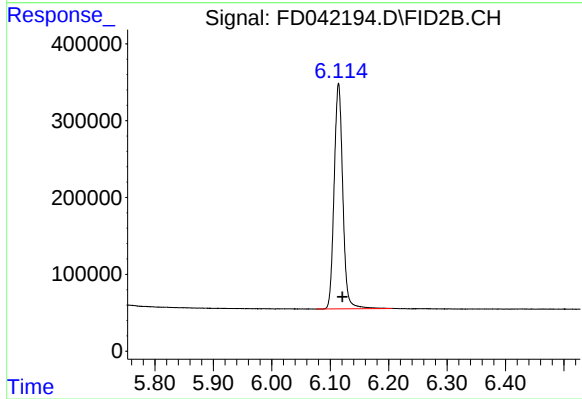
#2 n-Decane (C10)

R.T.: 4.120 min
Delta R.T.: -0.007 min
Response: 2903015
Conc: 21.66 ug/ml



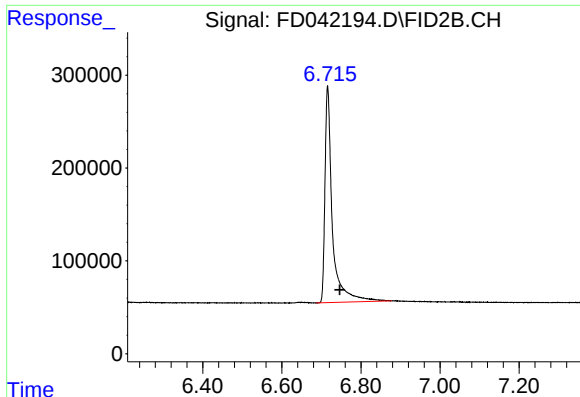
#3 A~Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.021 min
Response: 3047346
Conc: 21.02 ug/ml



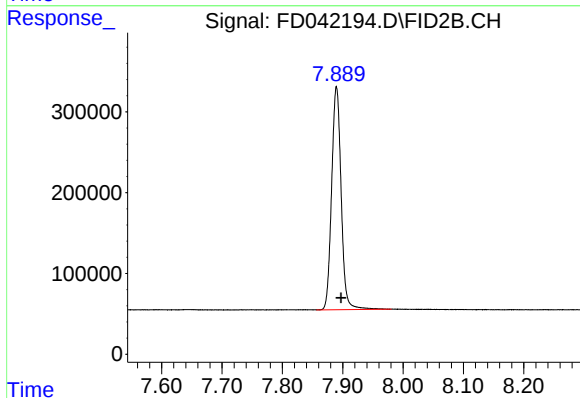
#4 n-Dodecane (C12)

R.T.: 6.114 min
Delta R.T.: -0.007 min
Response: 3018060
Conc: 21.20 ug/ml



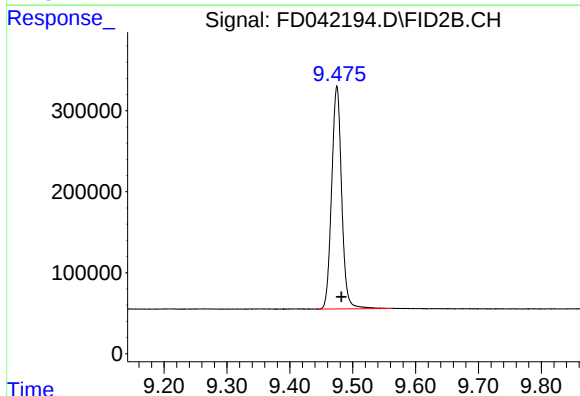
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.716 min
Delta R.T.: -0.030 min
Response: 3045043
Conc: 21.85 ug/ml



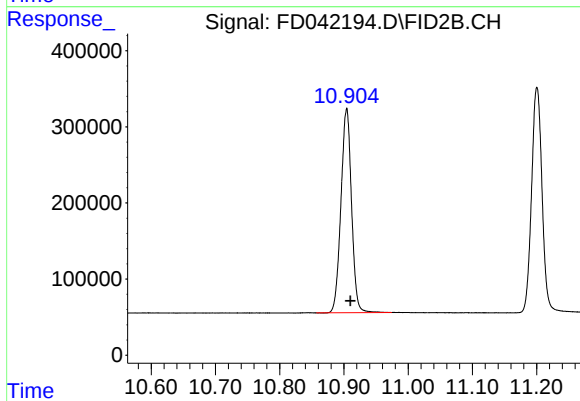
#6 n-Tetradecane (C14)

R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 3023665
Conc: 21.23 ug/ml



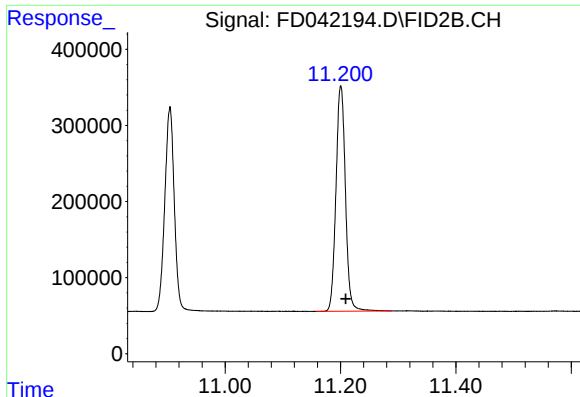
#7 n-Hexadecane (C16)

R.T.: 9.475 min
Delta R.T.: -0.007 min
Response: 3045195
Conc: 20.96 ug/ml



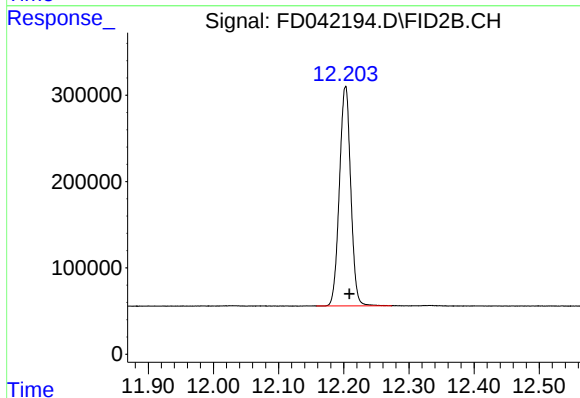
#8 n-Octadecane (C18)

R.T.: 10.904 min
Delta R.T.: -0.006 min
Response: 3071089
Conc: 20.49 ug/ml



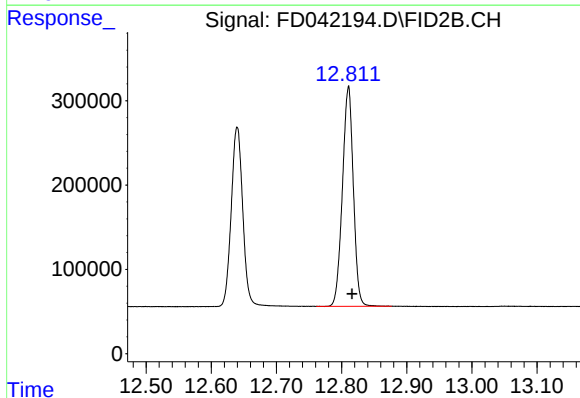
#9 ortho-Terphenyl (SURR)

R.T.: 11.201 min
Delta R.T.: -0.009 min
Response: 3377681
Conc: 20.14 ug/ml



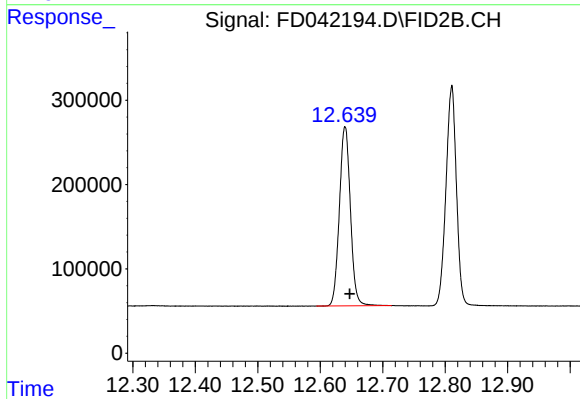
#10 n-Eicosane (C20)

R.T.: 12.203 min
Delta R.T.: -0.006 min
Response: 3065332
Conc: 20.03 ug/ml



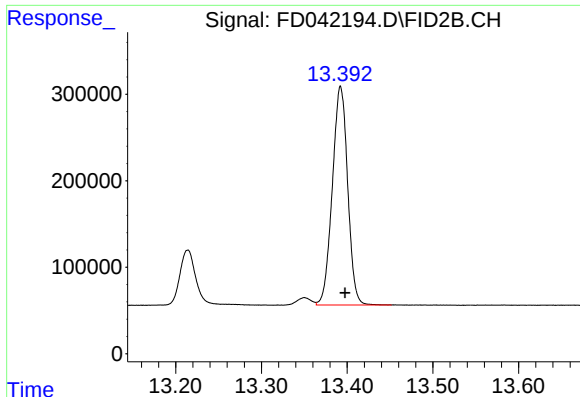
#11 n-Heneicosane (C21)

R.T.: 12.811 min
Delta R.T.: -0.006 min
Response: 3036417
Conc: 19.70 ug/ml



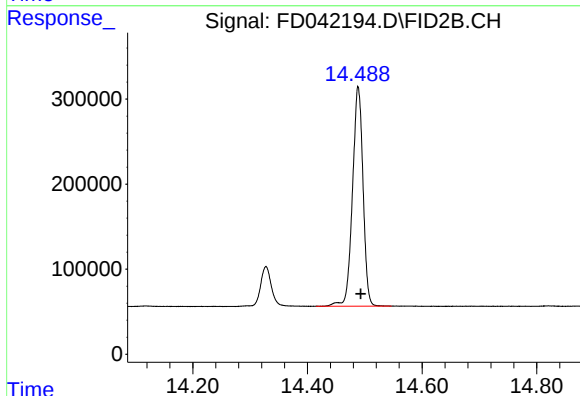
#12 1-chlorooctadecane (SURR)

R.T.: 12.640 min
Delta R.T.: -0.008 min
Response: 2606505
Conc: 19.75 ug/ml



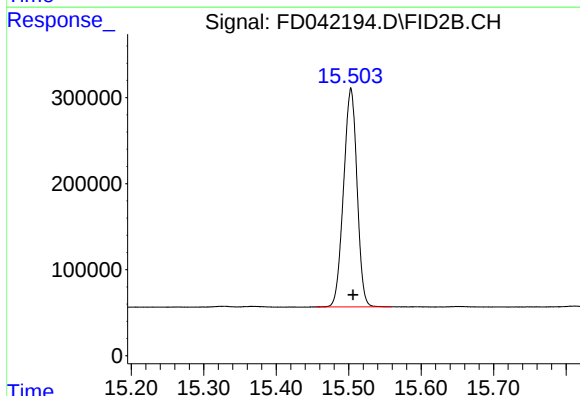
#13 n-Docosane (C22)

R.T.: 13.392 min
Delta R.T.: -0.005 min
Response: 3146751
Conc: 20.41 ug/ml



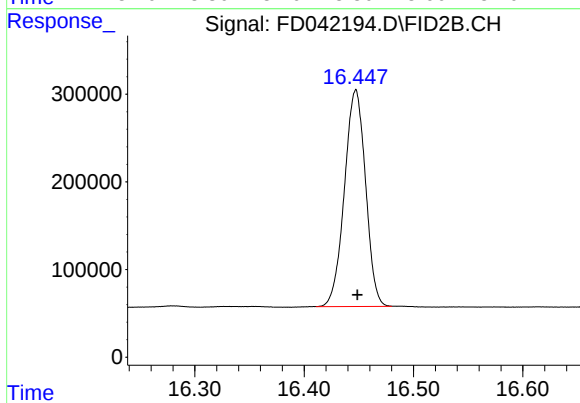
#14 n-Tetracosane (C24)

R.T.: 14.489 min
Delta R.T.: -0.004 min
Response: 3295885
Conc: 21.31 ug/ml



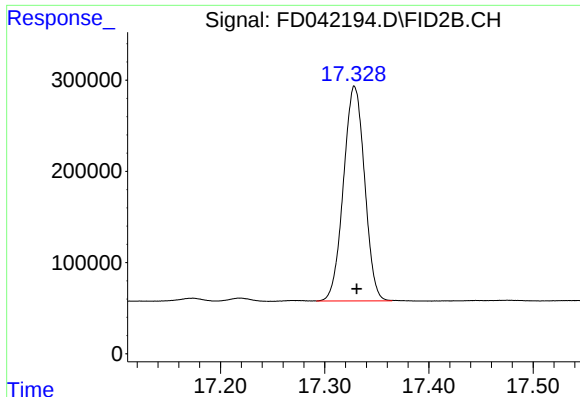
#15 n-Hexacosane (C26)

R.T.: 15.503 min
Delta R.T.: -0.003 min
Response: 3280762
Conc: 21.33 ug/ml



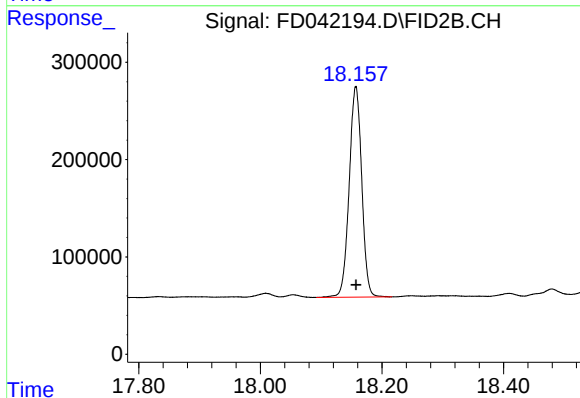
#16 n-Octacosane (C28)

R.T.: 16.447 min
Delta R.T.: -0.002 min
Response: 3317817
Conc: 21.70 ug/ml m



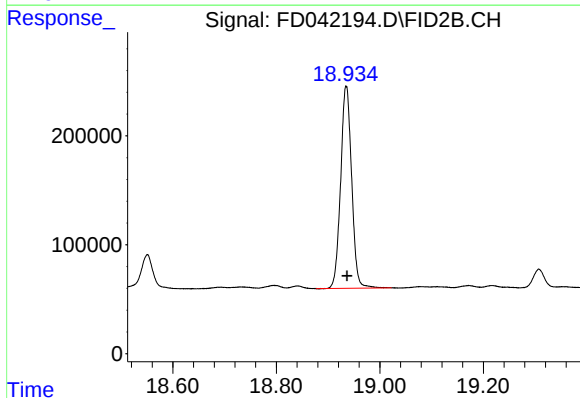
#17 n-Tricontane (C30)

R.T.: 17.328 min
Delta R.T.: -0.003 min
Response: 3313604
Conc: 22.09 ug/ml m



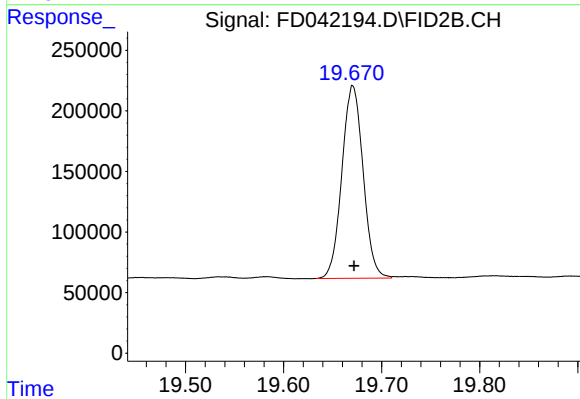
#18 n-Dotriacontane (C32)

R.T.: 18.157 min
Delta R.T.: 0.000 min
Response: 3102108
Conc: 21.94 ug/ml



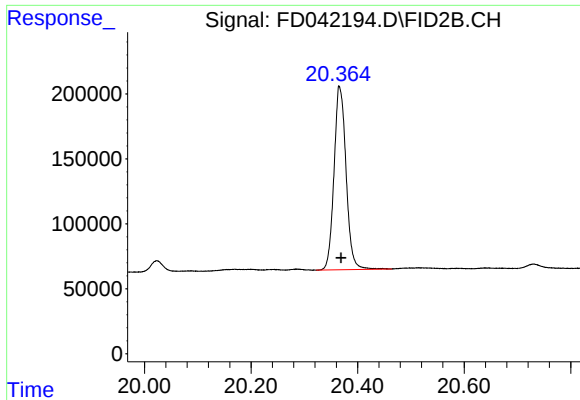
#19 n-Tetratriacontane (C34)

R.T.: 18.935 min
Delta R.T.: -0.002 min
Response: 2743446
Conc: 21.32 ug/ml



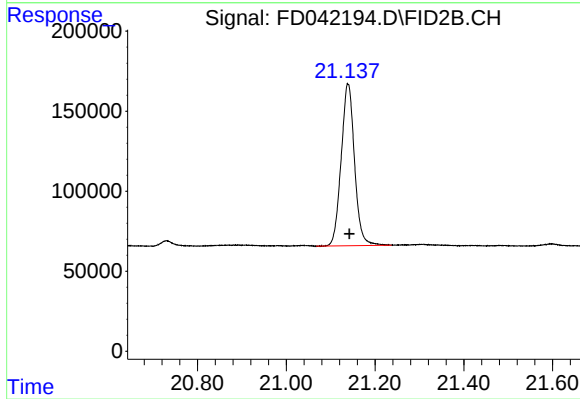
#20 n-Hexatriacontane (C36)

R.T.: 19.670 min
Delta R.T.: -0.002 min
Response: 2391300
Conc: 21.13 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.366 min
Delta R.T.: -0.003 min
Response: 2214999
Conc: 22.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.139 min
Delta R.T.: -0.003 min
Response: 2112331
Conc: 23.42 ug/ml