

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052422AL\
 Data File : FD042643.D
 Signal(s) : FID2B.CH
 Acq On : 25 May 2022 4:30
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 25 05:11:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052422.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 05:10:04 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)	11.197	3431248	19.809 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
12) S 1-chlorooctadecane (S...	12.635	2680484	20.006 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
1) T n-Nonane (C9)	3.074	2729098	19.909 ug/ml
2) T n-Decane (C10)	4.118	2677661	19.918 ug/ml
3) T A~Naphthalene (C11.7)	5.671	2848778	19.412 ug/ml
4) T n-Dodecane (C12)	6.111	2848193	19.983 ug/ml
5) T A~2-methylnaphthalene...	6.717	2750122	19.322 ug/ml
6) T n-Tetradecane (C14)	7.886	2873956	19.927 ug/ml
7) T n-Hexadecane (C16)	9.471	2959780	20.026 ug/ml
8) T n-Octadecane (C18)	10.900	3076117	19.948 ug/ml
10) T n-Eicosane (C20)	12.198	3148281	19.919 ug/ml
11) T n-Heneicosane (C21)	12.805	3192424	19.861 ug/ml
13) T n-Docosane (C22)	13.387	3195912	19.830 ug/ml
14) T n-Tetracosane (C24)	14.482	3200947	19.883 ug/ml
15) T n-Hexacosane (C26)	15.496	3121668	19.812 ug/ml
16) T n-Octacosane (C28)	16.440	2975312	19.780 ug/ml
17) T n-Tricontane (C30)	17.321	2751504	19.733 ug/ml
18) T n-Dotriacontane (C32)	18.149	2430299	19.492 ug/ml
19) T n-Tetratriacontane (C34)	18.927	2161559	19.756 ug/ml
20) T n-Hexatriacontane (C36)	19.663	1956545	20.324 ug/ml
21) T n-Octatriacontane (C38)	20.361	1741589	20.845 ug/mlm
22) T n-Tetracontane (C40)	21.129	1270786	22.121 ug/ml

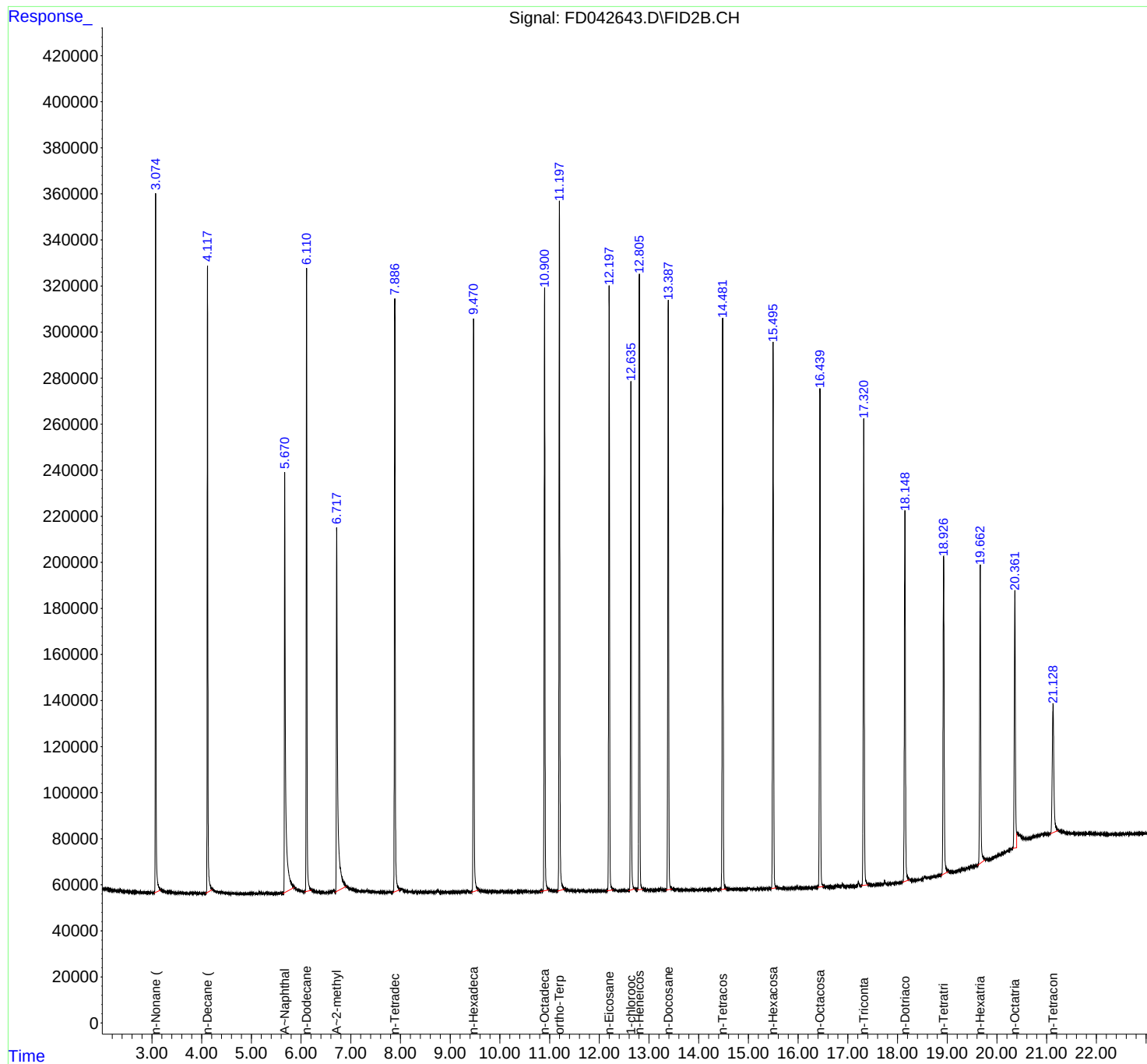
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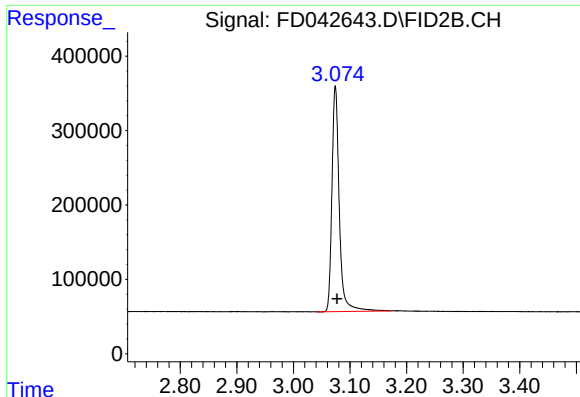
(m)=manual int.

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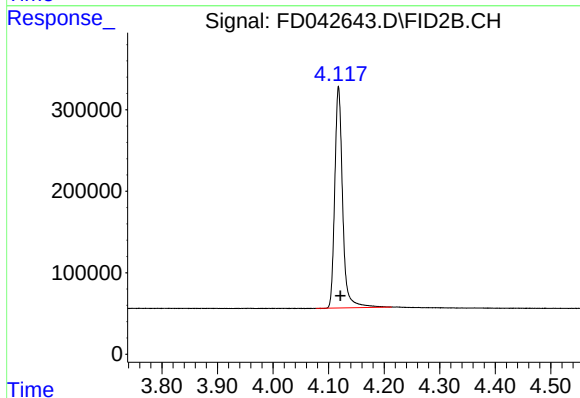
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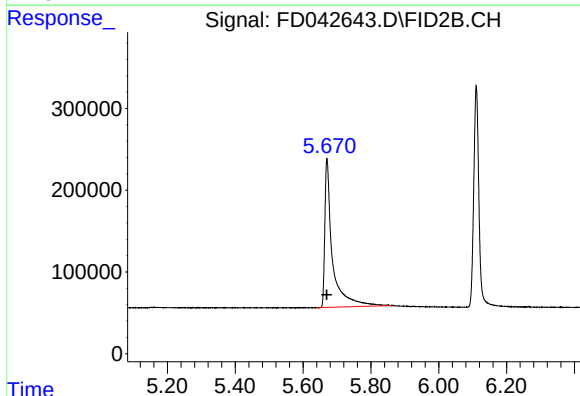
#1 n-Nonane (C9)

R.T.: 3.074 min
Delta R.T.: -0.003 min
Response: 2729098
Conc: 19.91 ug/ml



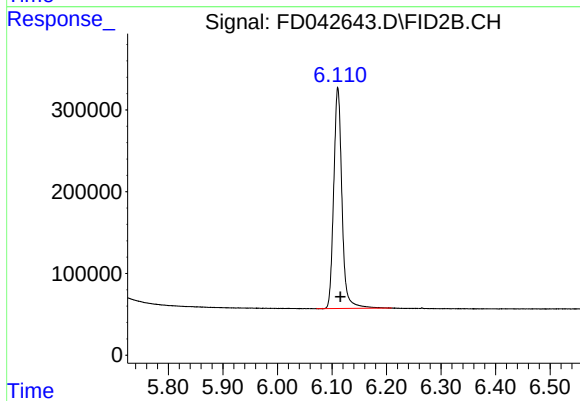
#2 n-Decane (C10)

R.T.: 4.118 min
Delta R.T.: -0.003 min
Response: 2677661
Conc: 19.92 ug/ml



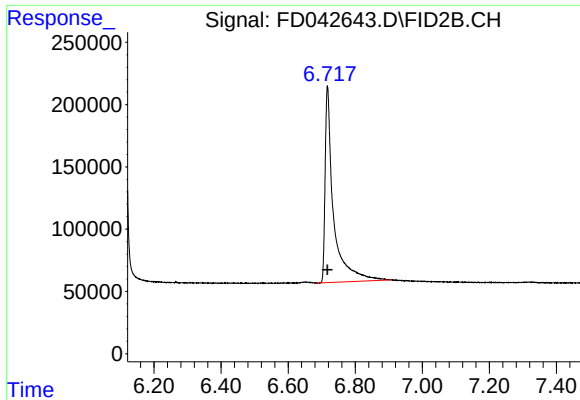
#3 A~Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 2848778
Conc: 19.41 ug/ml



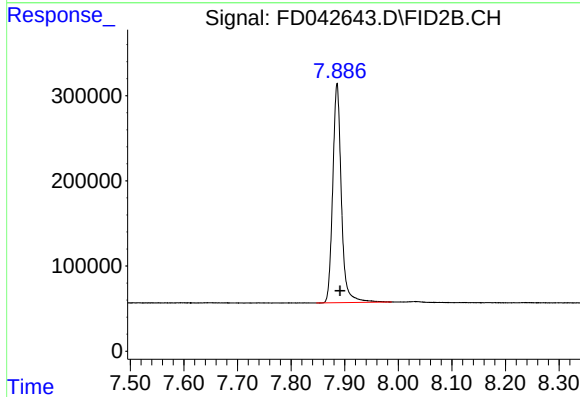
#4 n-Dodecane (C12)

R.T.: 6.111 min
Delta R.T.: -0.004 min
Response: 2848193
Conc: 19.98 ug/ml



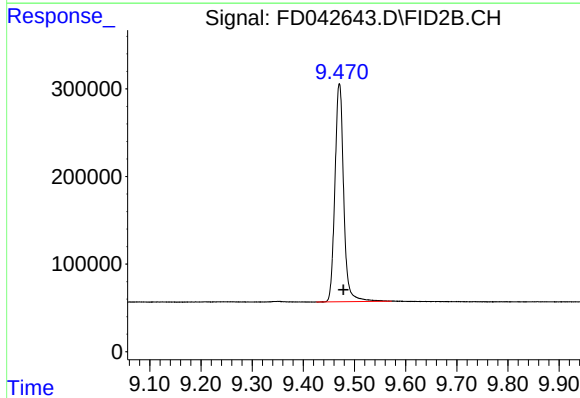
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 2750122
Conc: 19.32 ug/ml



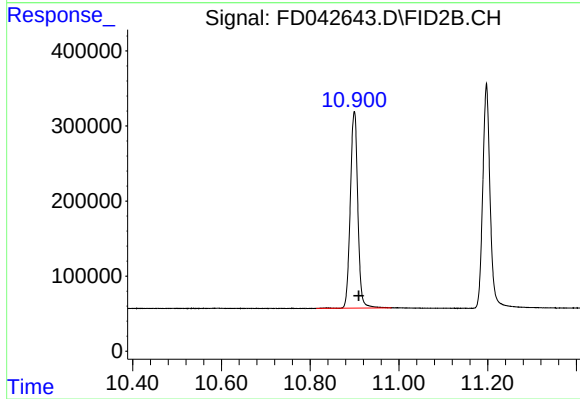
#6 n-Tetradecane (C14)

R.T.: 7.886 min
Delta R.T.: -0.006 min
Response: 2873956
Conc: 19.93 ug/ml



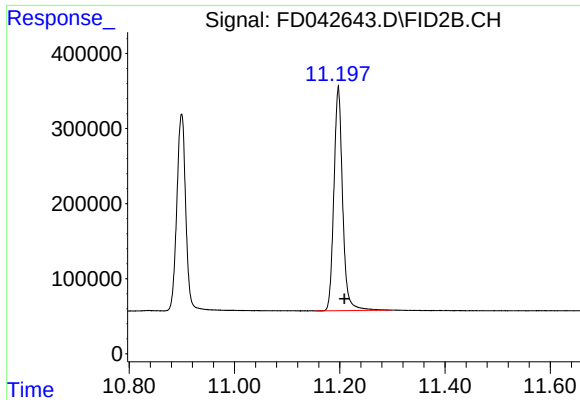
#7 n-Hexadecane (C16)

R.T.: 9.471 min
Delta R.T.: -0.007 min
Response: 2959780
Conc: 20.03 ug/ml



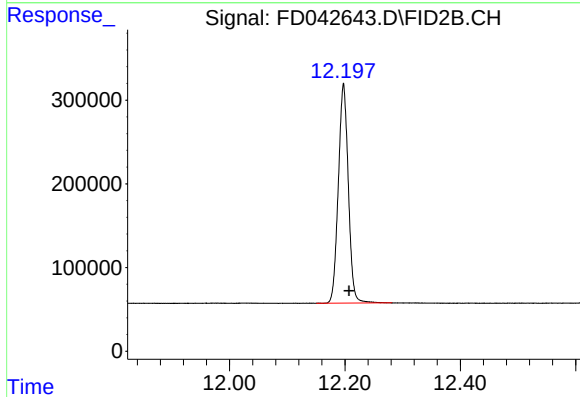
#8 n-Octadecane (C18)

R.T.: 10.900 min
Delta R.T.: -0.010 min
Response: 3076117
Conc: 19.95 ug/ml



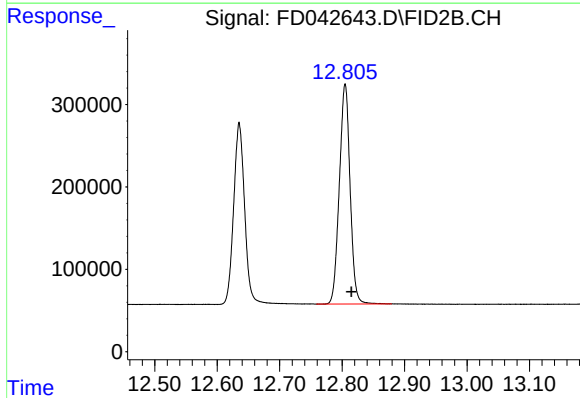
#9 ortho-Terphenyl (SURR)

R.T.: 11.197 min
Delta R.T.: -0.011 min
Response: 3431248
Conc: 19.81 ug/ml



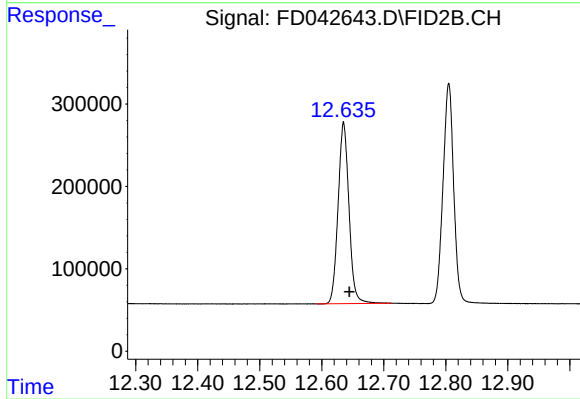
#10 n-Eicosane (C20)

R.T.: 12.198 min
Delta R.T.: -0.009 min
Response: 3148281
Conc: 19.92 ug/ml



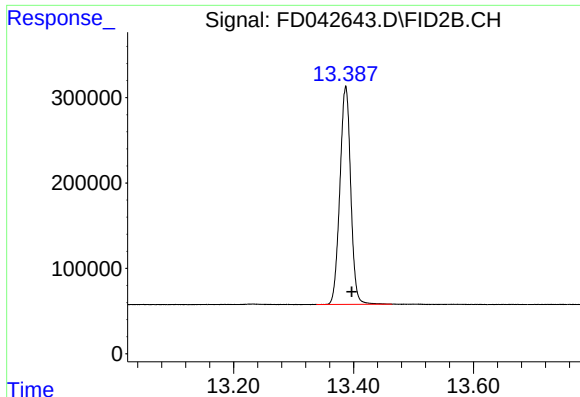
#11 n-Heneicosane (C21)

R.T.: 12.805 min
Delta R.T.: -0.010 min
Response: 3192424
Conc: 19.86 ug/ml



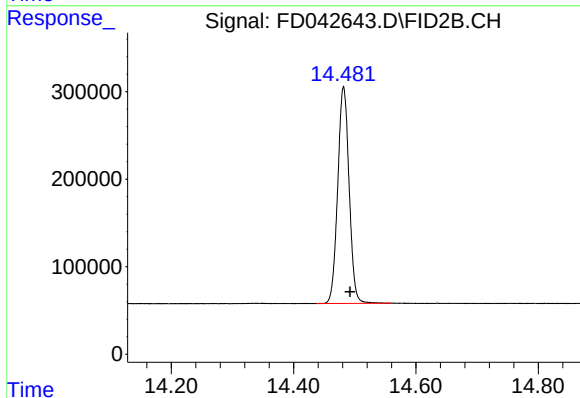
#12 1-chlorooctadecane (SURR)

R.T.: 12.635 min
Delta R.T.: -0.009 min
Response: 2680484
Conc: 20.01 ug/ml



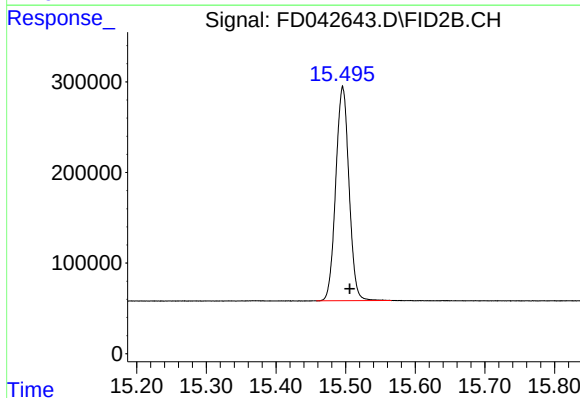
#13 n-Docosane (C22)

R.T.: 13.387 min
Delta R.T.: -0.010 min
Response: 3195912
Conc: 19.83 ug/ml



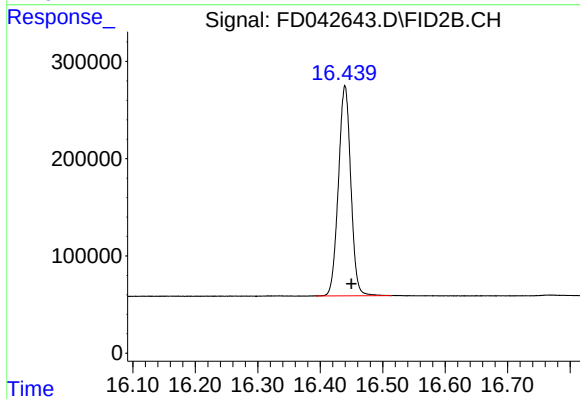
#14 n-Tetracosane (C24)

R.T.: 14.482 min
Delta R.T.: -0.011 min
Response: 3200947
Conc: 19.88 ug/ml



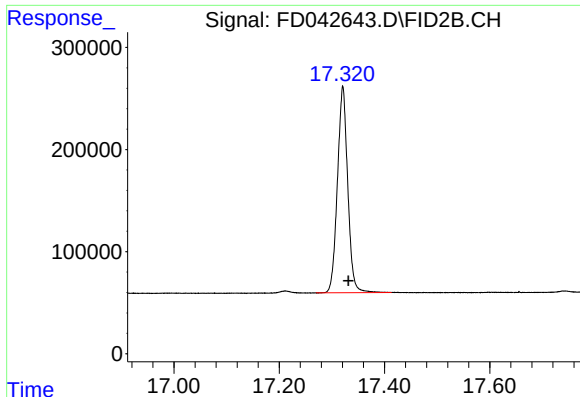
#15 n-Hexacosane (C26)

R.T.: 15.496 min
Delta R.T.: -0.010 min
Response: 3121668
Conc: 19.81 ug/ml



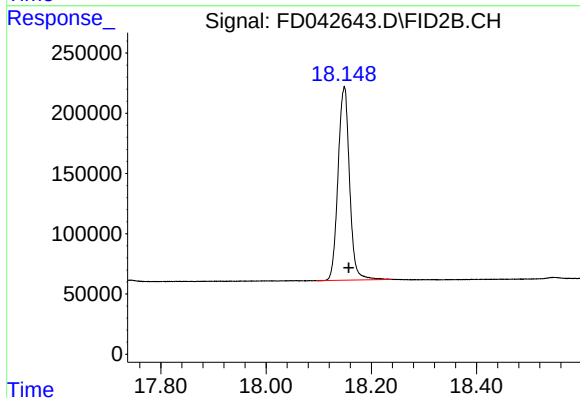
#16 n-Octacosane (C28)

R.T.: 16.440 min
Delta R.T.: -0.010 min
Response: 2975312
Conc: 19.78 ug/ml



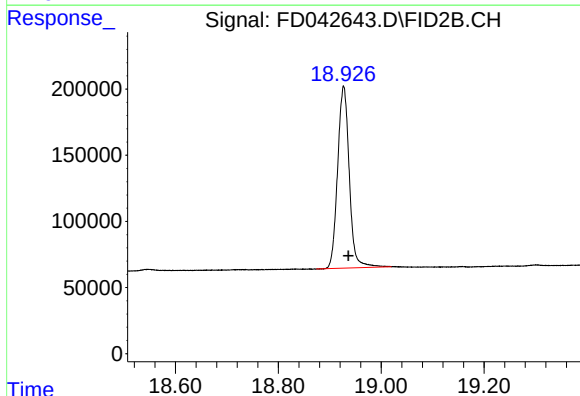
#17 n-Tricontane (C30)

R.T.: 17.321 min
Delta R.T.: -0.011 min
Response: 2751504
Conc: 19.73 ug/ml



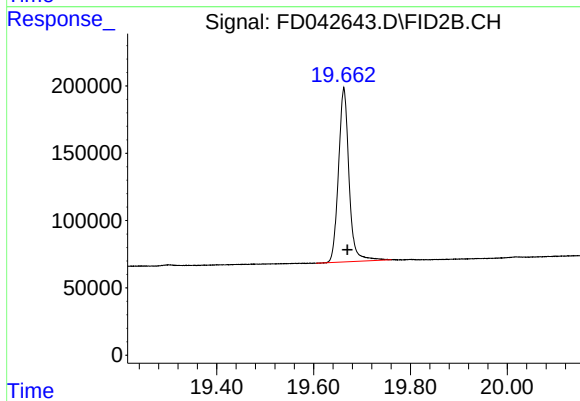
#18 n-Dotriacontane (C32)

R.T.: 18.149 min
Delta R.T.: -0.008 min
Response: 2430299
Conc: 19.49 ug/ml



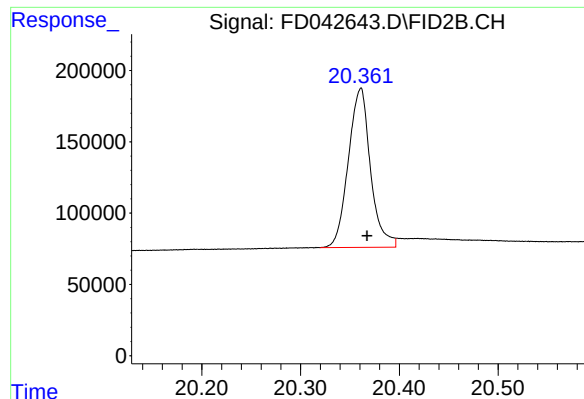
#19 n-Tetratriacontane (C34)

R.T.: 18.927 min
Delta R.T.: -0.009 min
Response: 2161559
Conc: 19.76 ug/ml



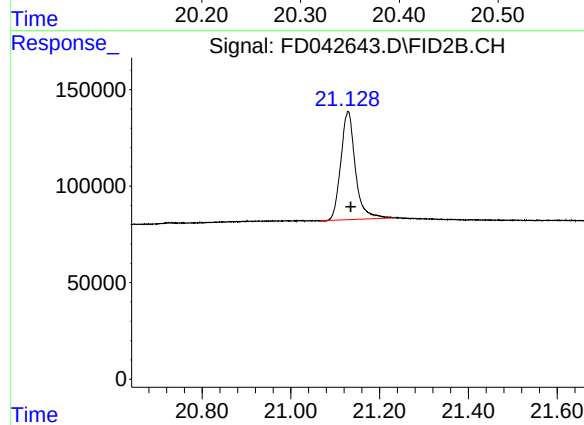
#20 n-Hexatriacontane (C36)

R.T.: 19.663 min
Delta R.T.: -0.007 min
Response: 1956545
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.361 min
Delta R.T.: -0.006 min
Response: 1741589
Conc: 20.85 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.129 min
Delta R.T.: -0.006 min
Response: 1270786
Conc: 22.12 ug/ml