

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091922AL\
 Data File : FD043917.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2022 05:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 20 06:08:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 17:10:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.317	3589676	20.989 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
12) S 1-chlorooctadecane (S...	12.735	2760937	20.750 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
Target Compounds			
1) T n-Nonane (C9)	3.141	3317145	23.034 ug/ml
2) T n-Decane (C10)	4.193	3366820	23.218 ug/ml
3) T A~Naphthalene (C11.7)	5.766	3462500	24.474 ug/ml
4) T n-Dodecane (C12)	6.193	3428787	22.920 ug/ml
5) T A~2-methylnaphthalene...	6.813	3417426	24.762 ug/ml
6) T n-Tetradecane (C14)	7.974	3432586	22.744 ug/ml
7) T n-Hexadecane (C16)	9.564	3427063	22.406 ug/ml
8) T n-Octadecane (C18)	10.995	3408258	21.617 ug/ml
10) T n-Eicosane (C20)	12.294	3333049	20.830 ug/ml
11) T n-Heneicosane (C21)	12.901	3289442	20.391 ug/ml
13) T n-Docosane (C22)	13.483	3227522	20.073 ug/ml
14) T n-Tetracosane (C24)	14.575	3089281	19.494 ug/ml
15) T n-Hexacosane (C26)	15.588	2957296	18.988 ug/ml
16) T n-Octacosane (C28)	16.528	2826590	18.668 ug/ml
17) T n-Tricontane (C30)	17.407	2840691	19.065 ug/ml
18) T n-Dotriacontane (C32)	18.230	2779930	19.474 ug/ml
19) T n-Tetratriacontane (C34)	19.004	2511103	19.213 ug/ml
20) T n-Hexatriacontane (C36)	19.737	2320875	18.752 ug/ml
21) T n-Octatriacontane (C38)	20.427	2367908	20.269 ug/mlm
22) T n-Tetracontane (C40)	21.195	2130338	19.275 ug/mlm

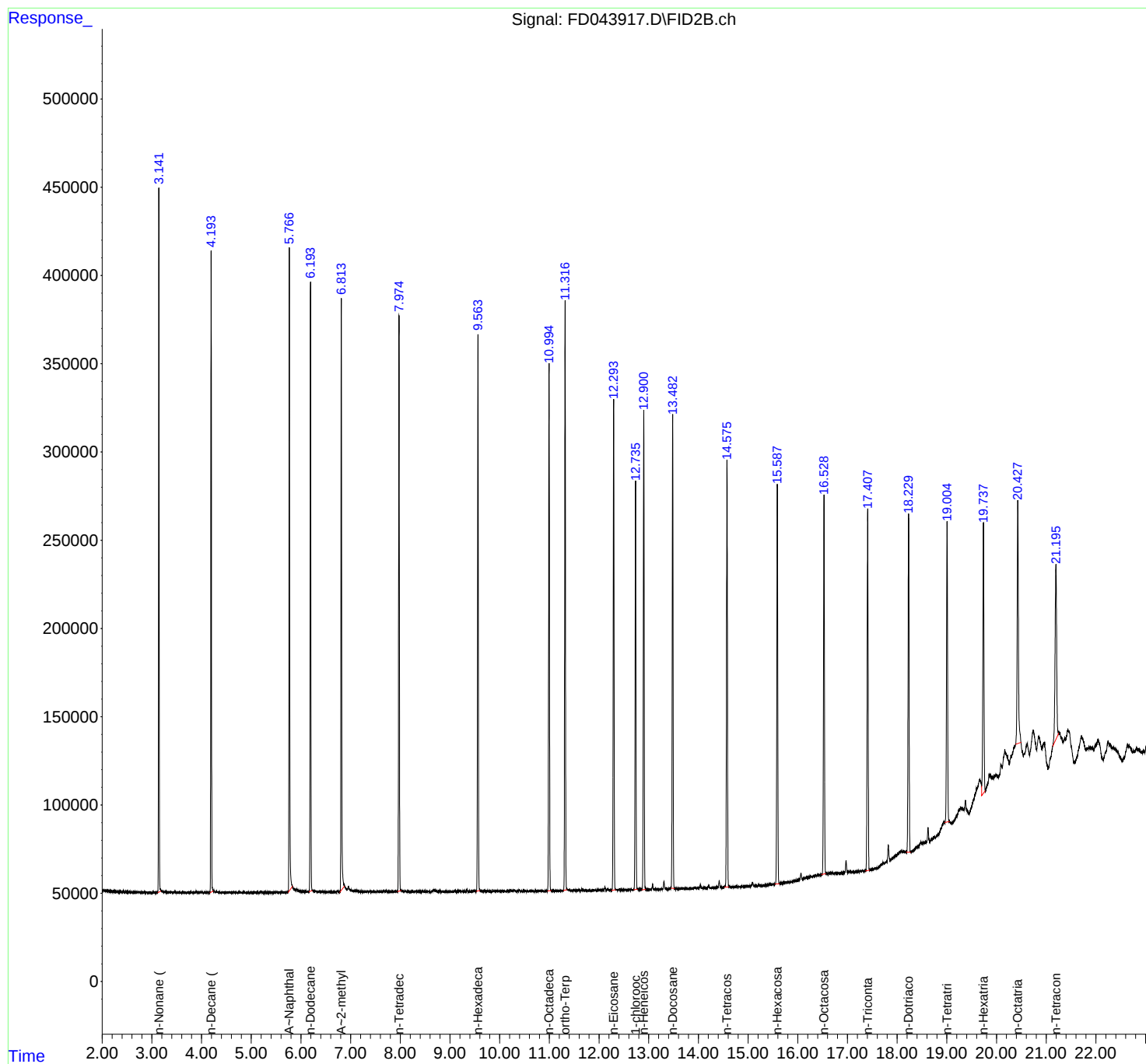
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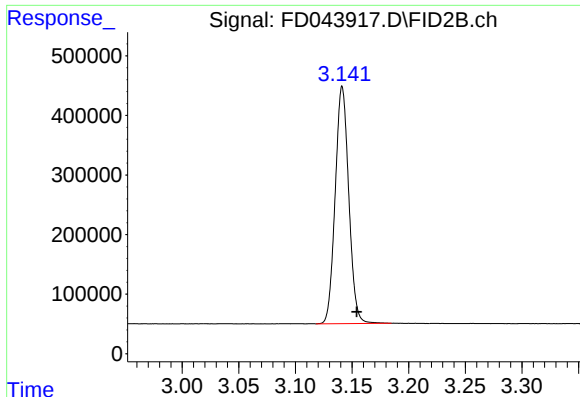
(m)=manual int.

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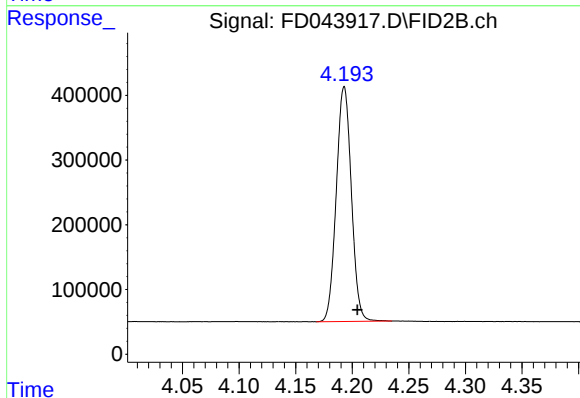
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Signal Info : 20M x 0.18mm x 0.18um





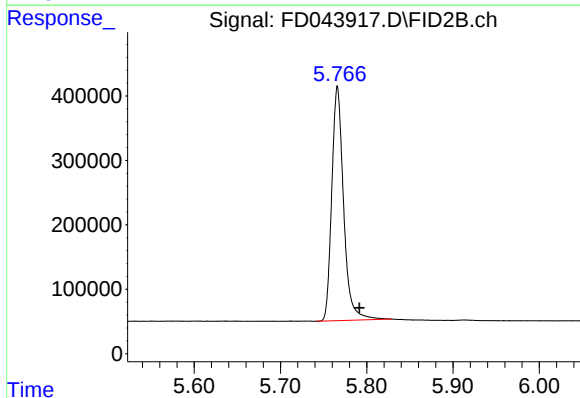
#1 n-Nonane (C9)

R.T.: 3.141 min
Delta R.T.: -0.013 min
Response: 3317145
Conc: 23.03 ug/ml



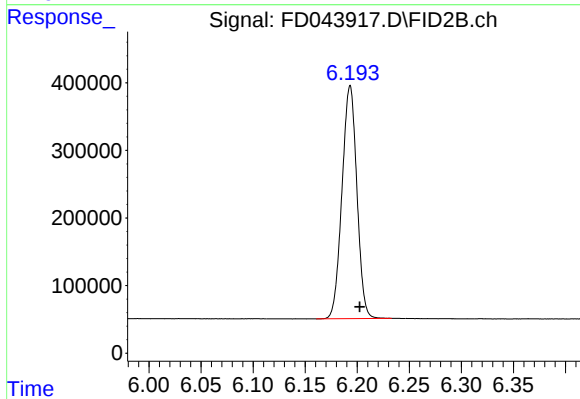
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: -0.012 min
Response: 3366820
Conc: 23.22 ug/ml



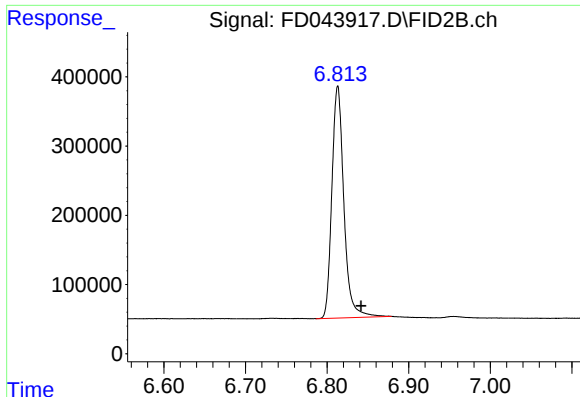
#3 A~Naphthalene (C11.7)

R.T.: 5.766 min
Delta R.T.: -0.026 min
Response: 3462500
Conc: 24.47 ug/ml



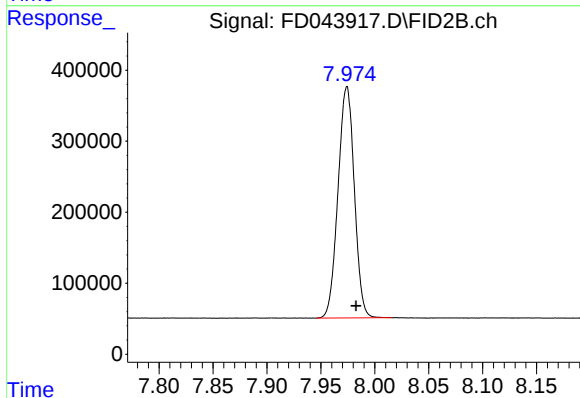
#4 n-Dodecane (C12)

R.T.: 6.193 min
Delta R.T.: -0.009 min
Response: 3428787
Conc: 22.92 ug/ml



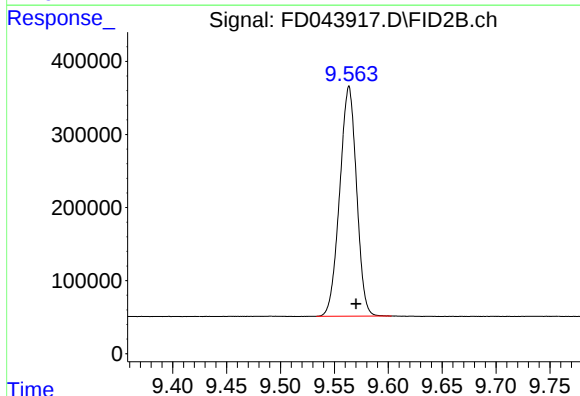
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.813 min
Delta R.T.: -0.028 min
Response: 3417426
Conc: 24.76 ug/ml



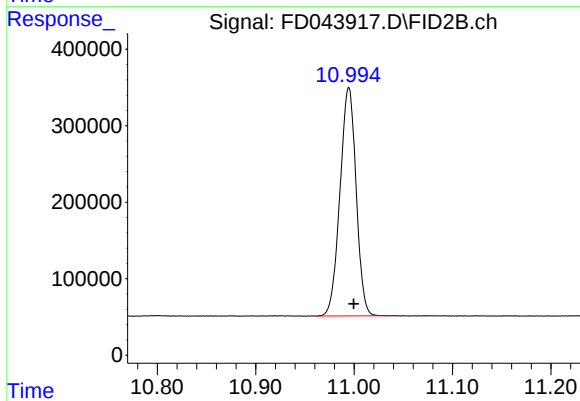
#6 n-Tetradecane (C14)

R.T.: 7.974 min
Delta R.T.: -0.008 min
Response: 3432586
Conc: 22.74 ug/ml



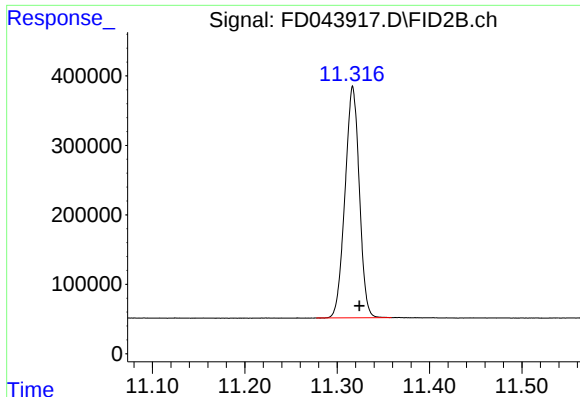
#7 n-Hexadecane (C16)

R.T.: 9.564 min
Delta R.T.: -0.007 min
Response: 3427063
Conc: 22.41 ug/ml



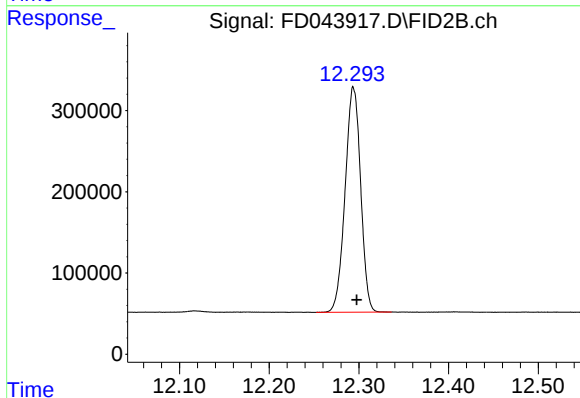
#8 n-Octadecane (C18)

R.T.: 10.995 min
Delta R.T.: -0.005 min
Response: 3408258
Conc: 21.62 ug/ml



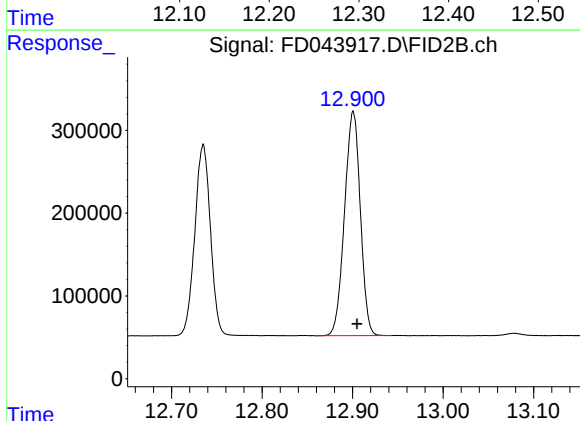
#9 ortho-Terphenyl (SURR)

R.T.: 11.317 min
Delta R.T.: -0.007 min
Response: 3589676
Conc: 20.99 ug/ml



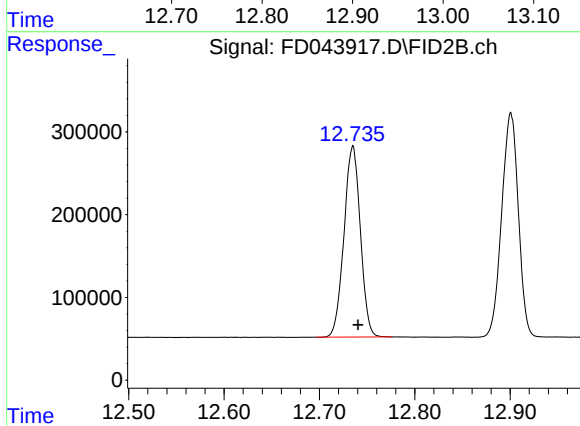
#10 n-Eicosane (C20)

R.T.: 12.294 min
Delta R.T.: -0.004 min
Response: 3333049
Conc: 20.83 ug/ml



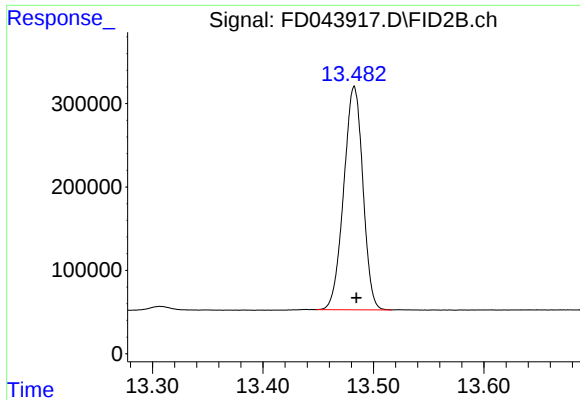
#11 n-Heneicosane (C21)

R.T.: 12.901 min
Delta R.T.: -0.004 min
Response: 3289442
Conc: 20.39 ug/ml



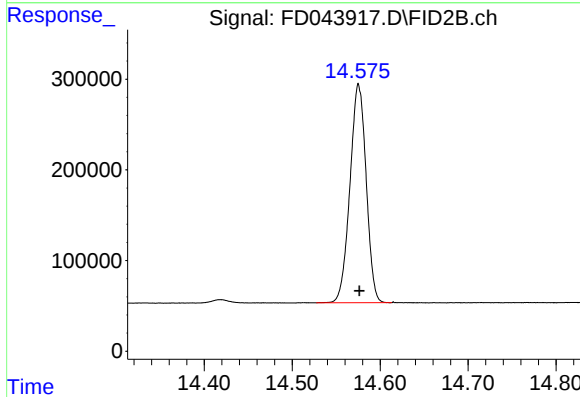
#12 1-chlorooctadecane (SURR)

R.T.: 12.735 min
Delta R.T.: -0.006 min
Response: 2760937
Conc: 20.75 ug/ml



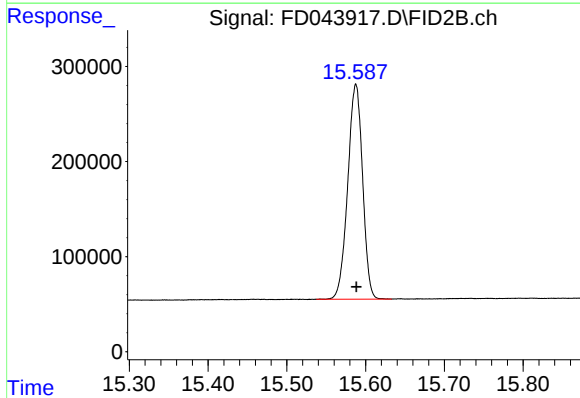
#13 n-Docosane (C22)

R.T.: 13.483 min
Delta R.T.: -0.002 min
Response: 3227522
Conc: 20.07 ug/ml



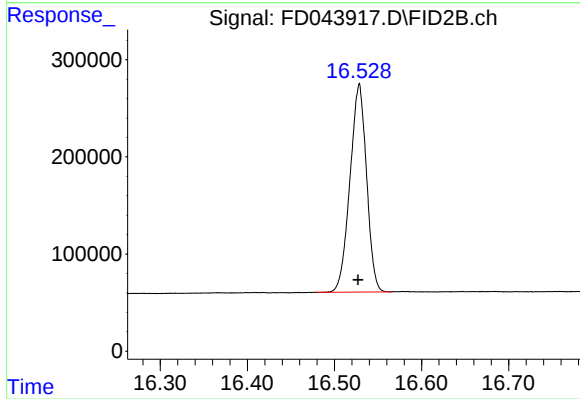
#14 n-Tetracosane (C24)

R.T.: 14.575 min
Delta R.T.: -0.001 min
Response: 3089281
Conc: 19.49 ug/ml



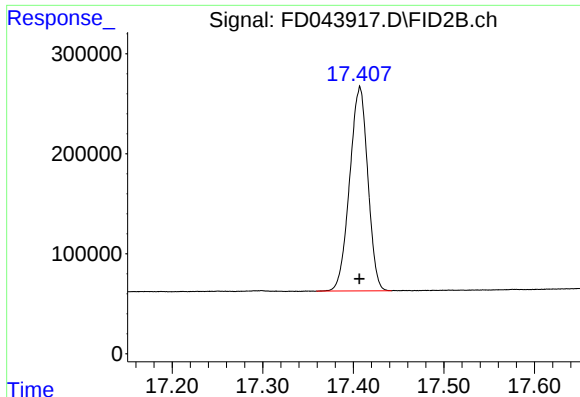
#15 n-Hexacosane (C26)

R.T.: 15.588 min
Delta R.T.: 0.000 min
Response: 2957296
Conc: 18.99 ug/ml



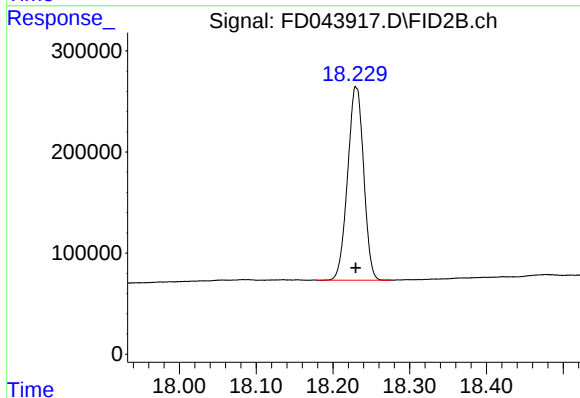
#16 n-Octacosane (C28)

R.T.: 16.528 min
Delta R.T.: 0.001 min
Response: 2826590
Conc: 18.67 ug/ml



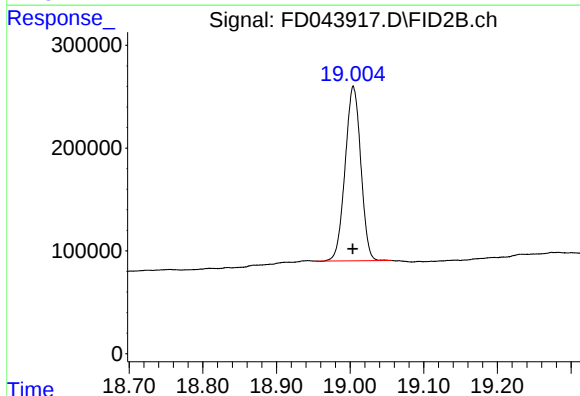
#17 n-Tricontane (C30)

R.T.: 17.407 min
Delta R.T.: 0.000 min
Response: 2840691
Conc: 19.07 ug/ml



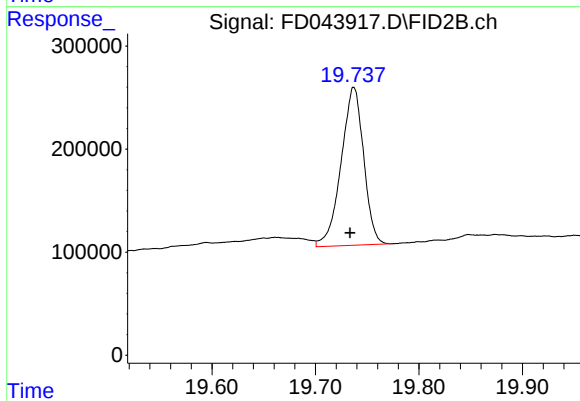
#18 n-Dotriacontane (C32)

R.T.: 18.230 min
Delta R.T.: 0.000 min
Response: 2779930
Conc: 19.47 ug/ml



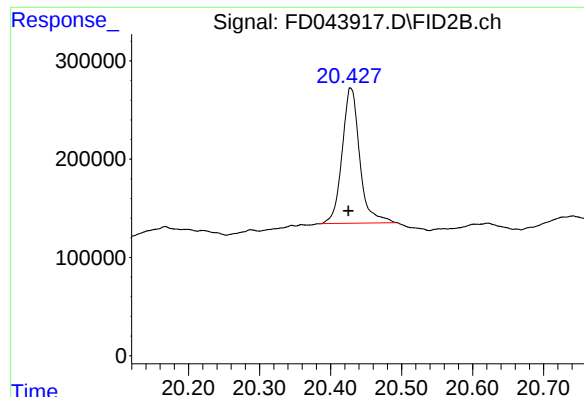
#19 n-Tetratriacontane (C34)

R.T.: 19.004 min
Delta R.T.: 0.000 min
Response: 2511103
Conc: 19.21 ug/ml



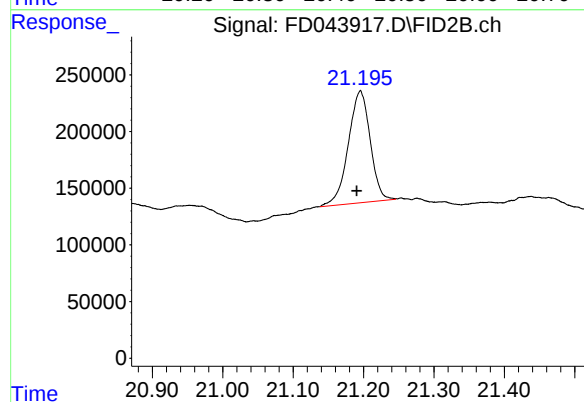
#20 n-Hexatriacontane (C36)

R.T.: 19.737 min
Delta R.T.: 0.004 min
Response: 2320875
Conc: 18.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.427 min
Delta R.T.: 0.002 min
Response: 2367908
Conc: 20.27 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.195 min
Delta R.T.: 0.005 min
Response: 2130338
Conc: 19.28 ug/ml m