

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092622AL\
 Data File : FD043948.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2022 11:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 27 07:35:42 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)	11.311	3654098	21.366 ug/ml
Spiked Amount 50.000		Recovery =	42.73%
12) S 1-chlorooctadecane (S...	12.729	2823034	21.217 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
Target Compounds			
1) T n-Nonane (C9)	3.141	3247590	22.551 ug/ml
2) T n-Decane (C10)	4.191	3297518	22.741 ug/ml
3) T A~Naphthalene (C11.7)	5.762	3346187	23.652 ug/ml
4) T n-Dodecane (C12)	6.189	3363280	22.482 ug/ml
5) T A~2-methylnaphthalene...	6.809	3309378	23.979 ug/ml
6) T n-Tetradecane (C14)	7.970	3391980	22.475 ug/ml
7) T n-Hexadecane (C16)	9.558	3433907	22.451 ug/ml
8) T n-Octadecane (C18)	10.990	3463062	21.964 ug/ml
10) T n-Eicosane (C20)	12.288	3438136	21.486 ug/ml
11) T n-Heneicosane (C21)	12.896	3407360	21.121 ug/ml
13) T n-Docosane (C22)	13.476	3363429	20.918 ug/ml
14) T n-Tetracosane (C24)	14.570	3272659	20.651 ug/ml
15) T n-Hexacosane (C26)	15.581	3140212	20.162 ug/ml
16) T n-Octacosane (C28)	16.521	2997684	19.798 ug/ml
17) T n-Tricontane (C30)	17.400	2985298	20.036 ug/ml
18) T n-Dotriacontane (C32)	18.223	2894442	20.276 ug/ml
19) T n-Tetratriacontane (C34)	18.999	2527130	19.335 ug/ml
20) T n-Hexatriacontane (C36)	19.730	2213127	17.881 ug/ml
21) T n-Octatriacontane (C38)	20.422	1999226	17.113 ug/ml
22) T n-Tetracontane (C40)	21.185	1859181	16.822 ug/ml

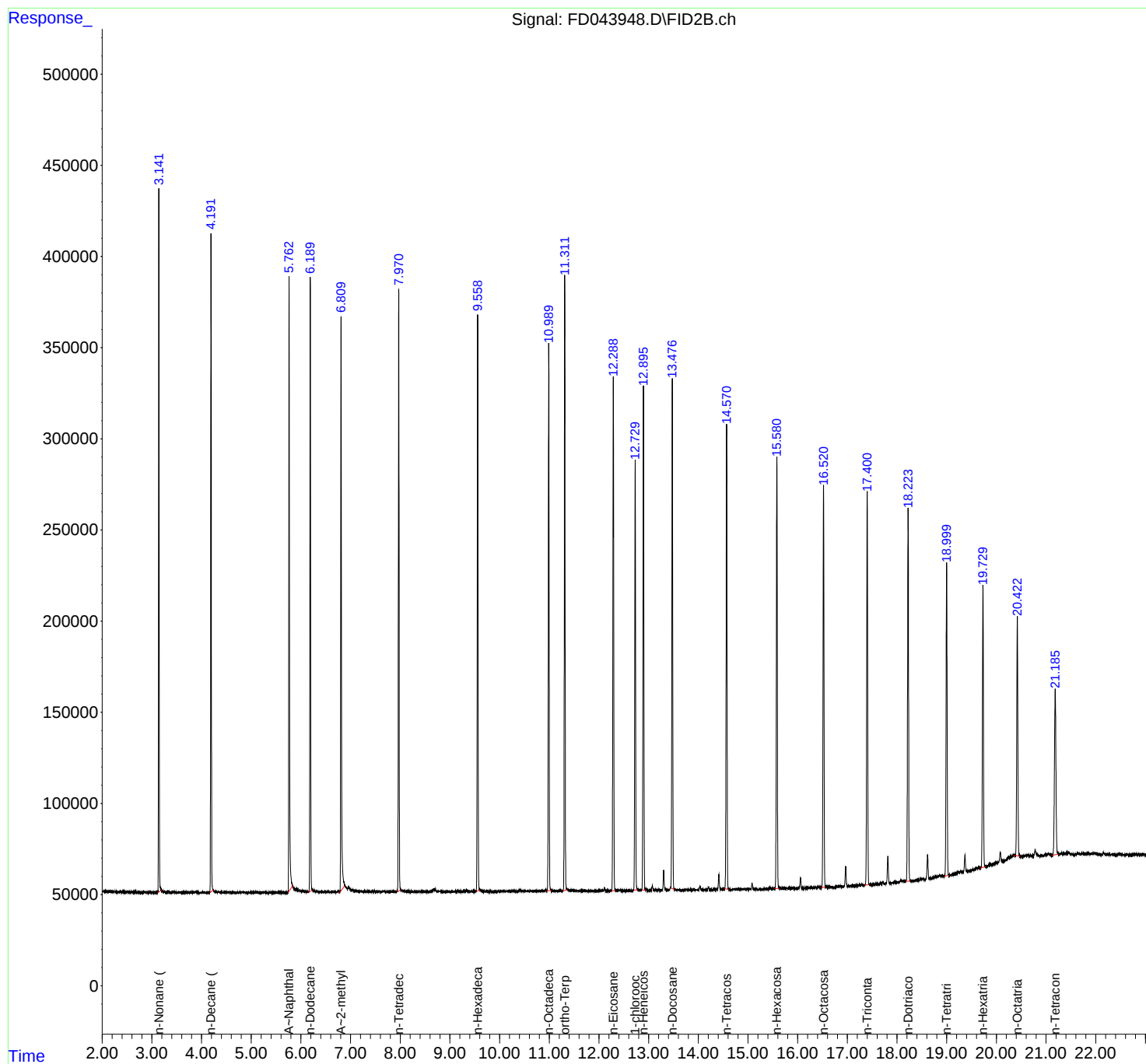
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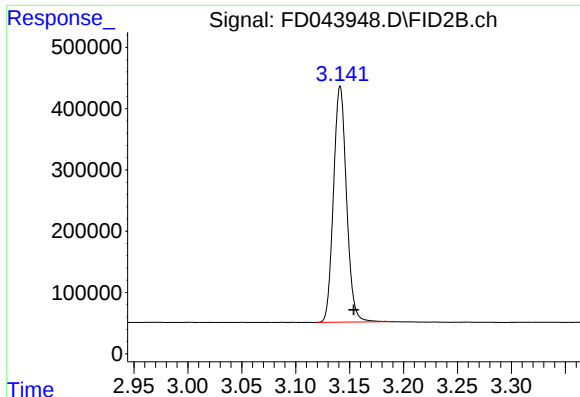
(m)=manual int.

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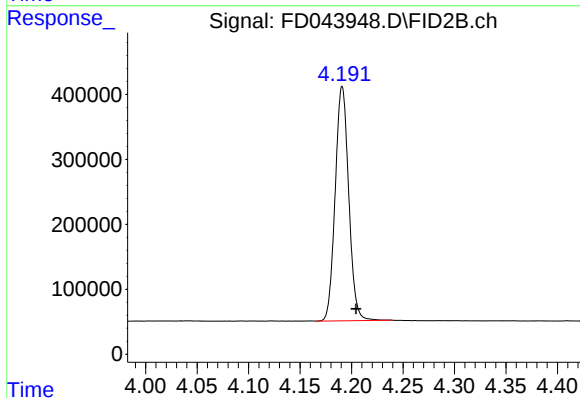
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





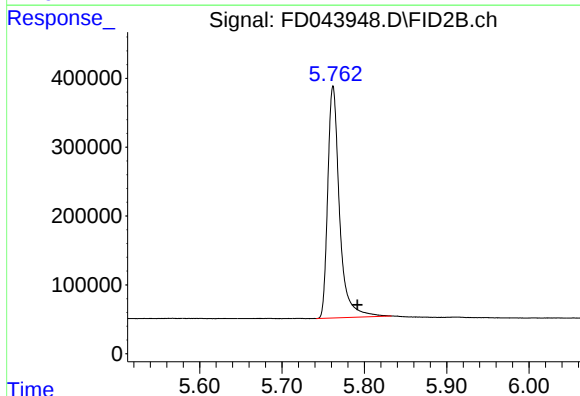
#1 n-Nonane (C9)

R.T.: 3.141 min
Delta R.T.: -0.013 min
Response: 3247590
Conc: 22.55 ug/ml



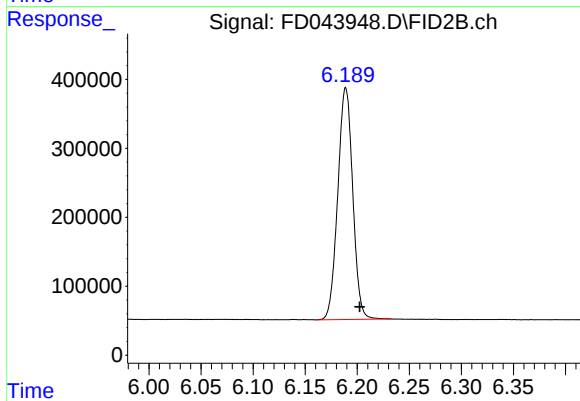
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: -0.014 min
Response: 3297518
Conc: 22.74 ug/ml



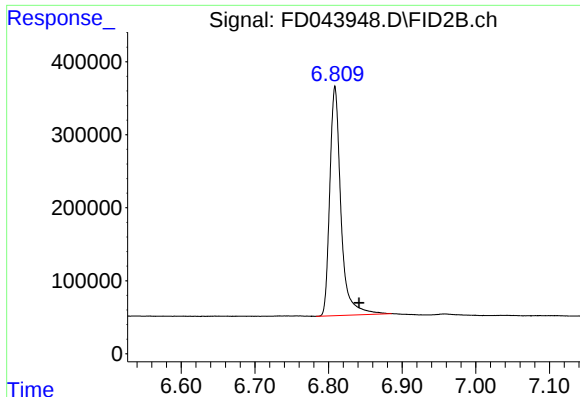
#3 A~Naphthalene (C11.7)

R.T.: 5.762 min
Delta R.T.: -0.030 min
Response: 3346187
Conc: 23.65 ug/ml



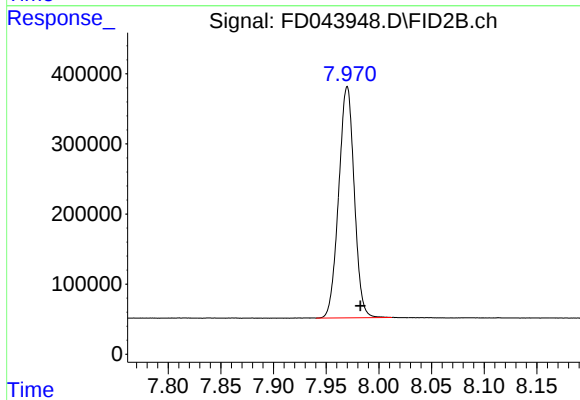
#4 n-Dodecane (C12)

R.T.: 6.189 min
Delta R.T.: -0.014 min
Response: 3363280
Conc: 22.48 ug/ml



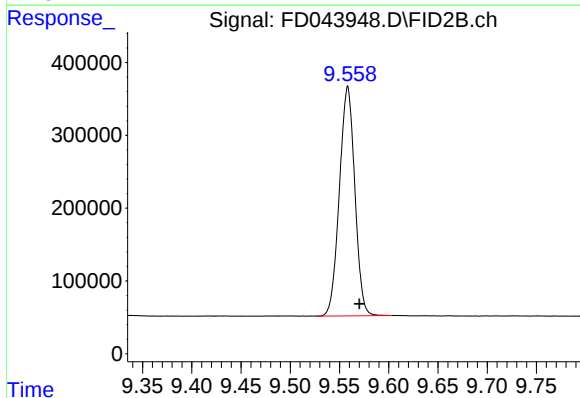
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: -0.033 min
Response: 3309378
Conc: 23.98 ug/ml



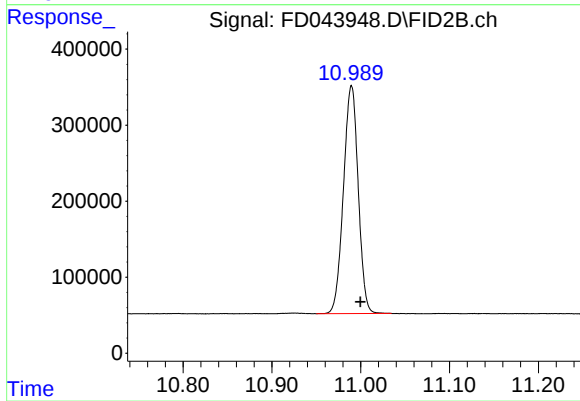
#6 n-Tetradecane (C14)

R.T.: 7.970 min
Delta R.T.: -0.012 min
Response: 3391980
Conc: 22.47 ug/ml



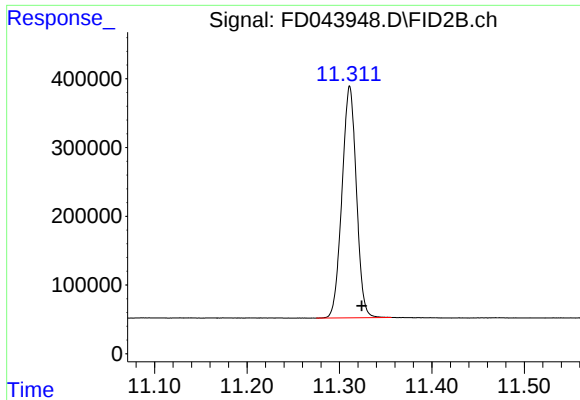
#7 n-Hexadecane (C16)

R.T.: 9.558 min
Delta R.T.: -0.012 min
Response: 3433907
Conc: 22.45 ug/ml



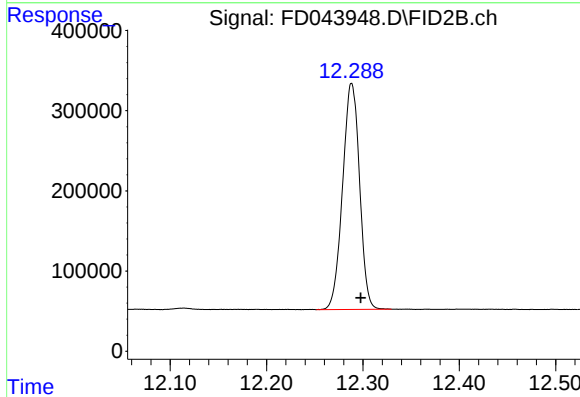
#8 n-Octadecane (C18)

R.T.: 10.990 min
Delta R.T.: -0.010 min
Response: 3463062
Conc: 21.96 ug/ml



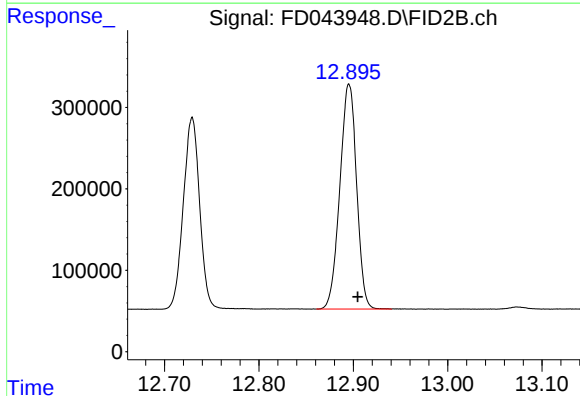
#9 ortho-Terphenyl (SURR)

R.T.: 11.311 min
Delta R.T.: -0.013 min
Response: 3654098
Conc: 21.37 ug/ml



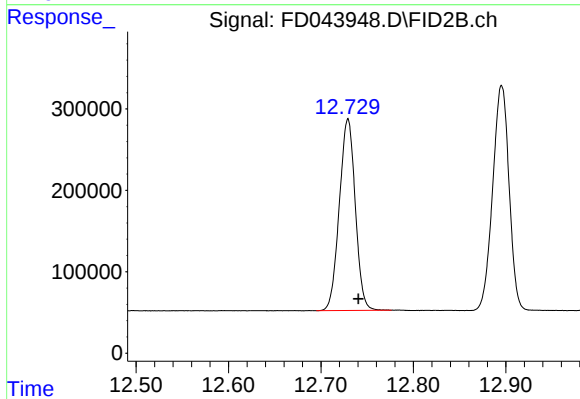
#10 n-Eicosane (C20)

R.T.: 12.288 min
Delta R.T.: -0.009 min
Response: 3438136
Conc: 21.49 ug/ml



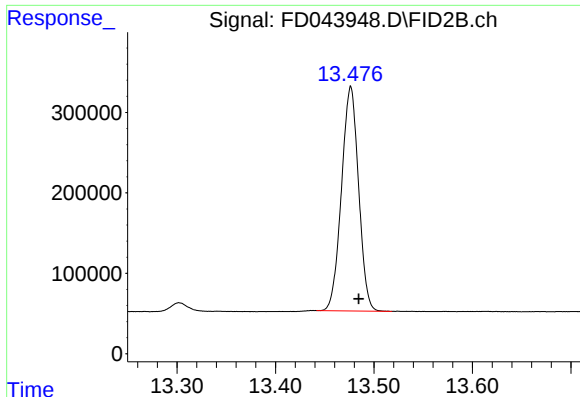
#11 n-Heneicosane (C21)

R.T.: 12.896 min
Delta R.T.: -0.009 min
Response: 3407360
Conc: 21.12 ug/ml



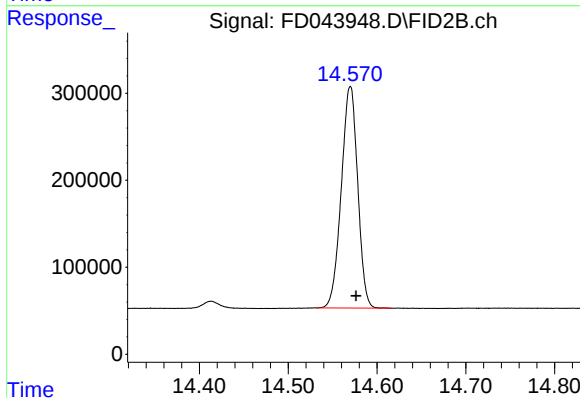
#12 1-chlorooctadecane (SURR)

R.T.: 12.729 min
Delta R.T.: -0.011 min
Response: 2823034
Conc: 21.22 ug/ml



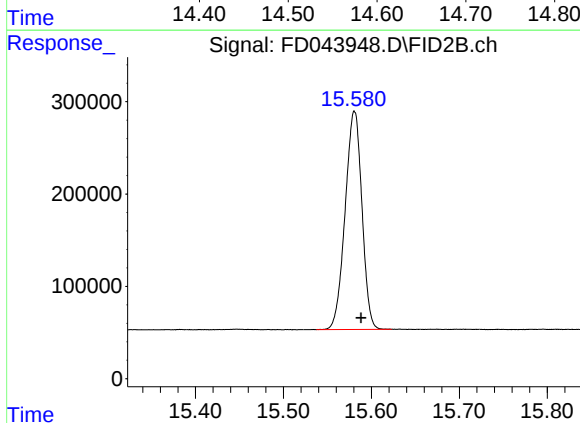
#13 n-Docosane (C22)

R.T.: 13.476 min
Delta R.T.: -0.008 min
Response: 3363429
Conc: 20.92 ug/ml



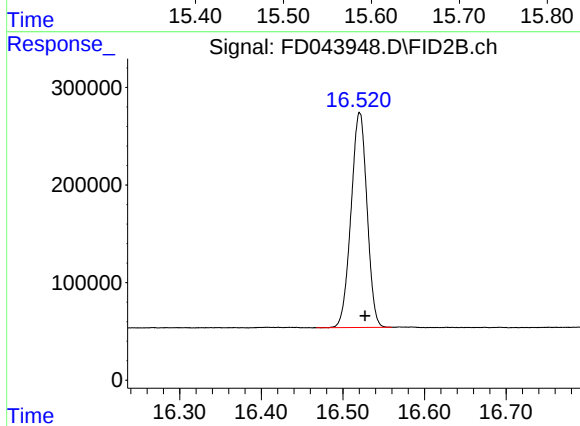
#14 n-Tetracosane (C24)

R.T.: 14.570 min
Delta R.T.: -0.006 min
Response: 3272659
Conc: 20.65 ug/ml



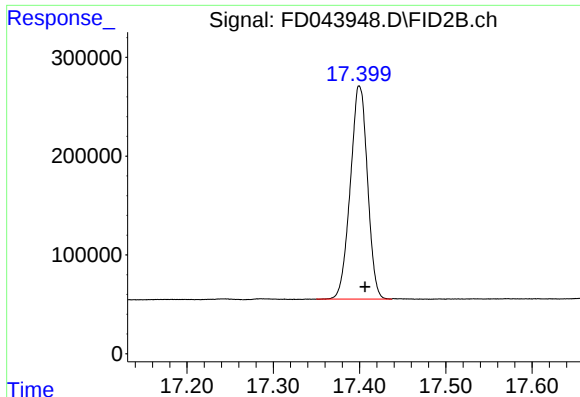
#15 n-Hexacosane (C26)

R.T.: 15.581 min
Delta R.T.: -0.007 min
Response: 3140212
Conc: 20.16 ug/ml



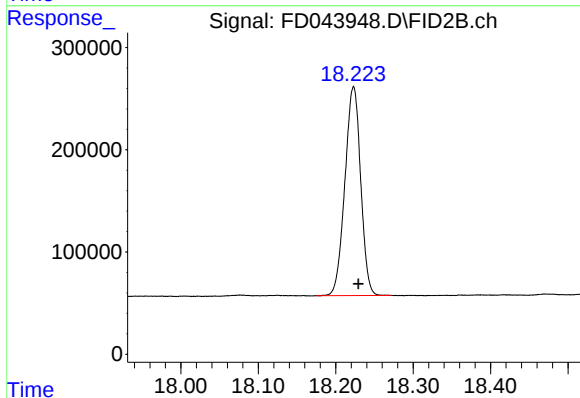
#16 n-Octacosane (C28)

R.T.: 16.521 min
Delta R.T.: -0.006 min
Response: 2997684
Conc: 19.80 ug/ml



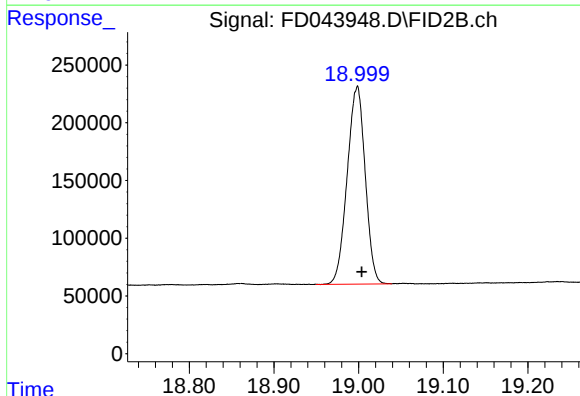
#17 n-Tricontane (C30)

R.T.: 17.400 min
Delta R.T.: -0.007 min
Response: 2985298
Conc: 20.04 ug/ml



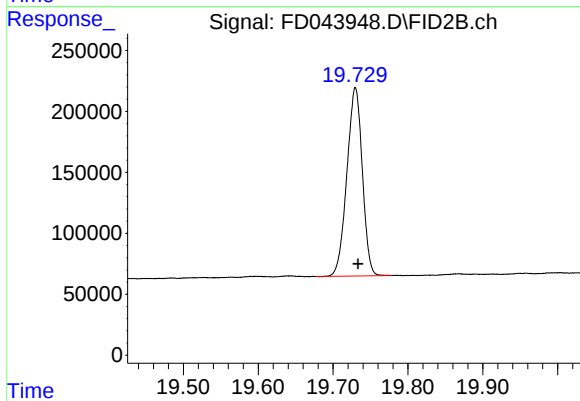
#18 n-Dotriacontane (C32)

R.T.: 18.223 min
Delta R.T.: -0.006 min
Response: 2894442
Conc: 20.28 ug/ml



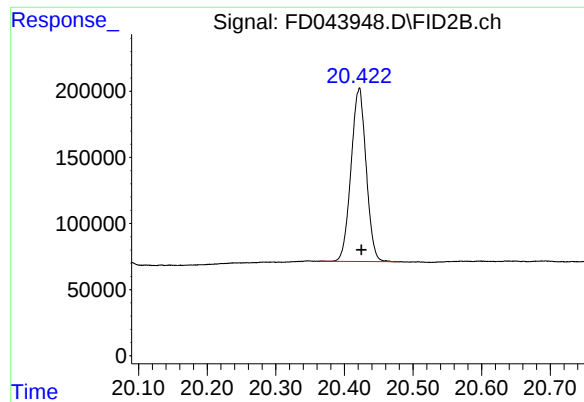
#19 n-Tetratriacontane (C34)

R.T.: 18.999 min
Delta R.T.: -0.005 min
Response: 2527130
Conc: 19.34 ug/ml



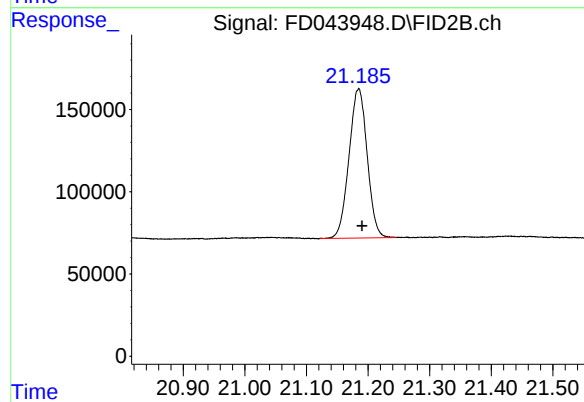
#20 n-Hexatriacontane (C36)

R.T.: 19.730 min
Delta R.T.: -0.004 min
Response: 2213127
Conc: 17.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.422 min
Delta R.T.: -0.003 min
Response: 1999226
Conc: 17.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.185 min
Delta R.T.: -0.005 min
Response: 1859181
Conc: 16.82 ug/ml