

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011124AL\
 Data File : FE046183.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jan 2024 18:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 01:48:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 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)	11.829	3303024	18.176 ug/ml
Spiked Amount 50.000		Recovery =	36.35%
12) S 1-chlorooctadecane (S...	13.273	2463325	18.437 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
Target Compounds			
1) T n-Nonane (C9)	3.215	2550951	16.668 ug/ml
2) T n-Decane (C10)	4.466	2639584	17.008 ug/ml
3) T A~Naphthalene (C11.7)	6.170	2817404	16.941 ug/ml
4) T n-Dodecane (C12)	6.634	2692584	17.245 ug/ml
5) T A~2-methylnaphthalene...	7.266	2713497	17.043 ug/ml
6) T n-Tetradecane (C14)	8.460	2714713	17.427 ug/ml
7) T n-Hexadecane (C16)	10.070	2812364	17.760 ug/ml
8) T n-Octadecane (C18)	11.516	2850525	18.111 ug/ml
10) T n-Eicosane (C20)	12.826	2783881	18.402 ug/ml
11) T n-Heneicosane (C21)	13.440	2719957	18.497 ug/ml
13) T n-Docosane (C22)	14.027	2755390	18.850 ug/ml
14) T n-Tetracosane (C24)	15.133	2879999	19.858 ug/ml
15) T n-Hexacosane (C26)	16.157	2874486	20.050 ug/ml
16) T n-Octacosane (C28)	17.109	3006590	20.964 ug/ml
17) T n-Tricontane (C30)	18.000	3210229	21.598 ug/ml
18) T n-Dotriacontane (C32)	18.835	3165560	21.166 ug/ml
19) T n-Tetratriacontane (C34)	19.620	2972879	20.752 ug/ml
20) T n-Hexatriacontane (C36)	20.363	2704493	18.549 ug/ml
21) T n-Octatriacontane (C38)	21.095	2761009	18.724 ug/ml
22) T n-Tetracontane (C40)	21.989	2646557	16.908 ug/ml

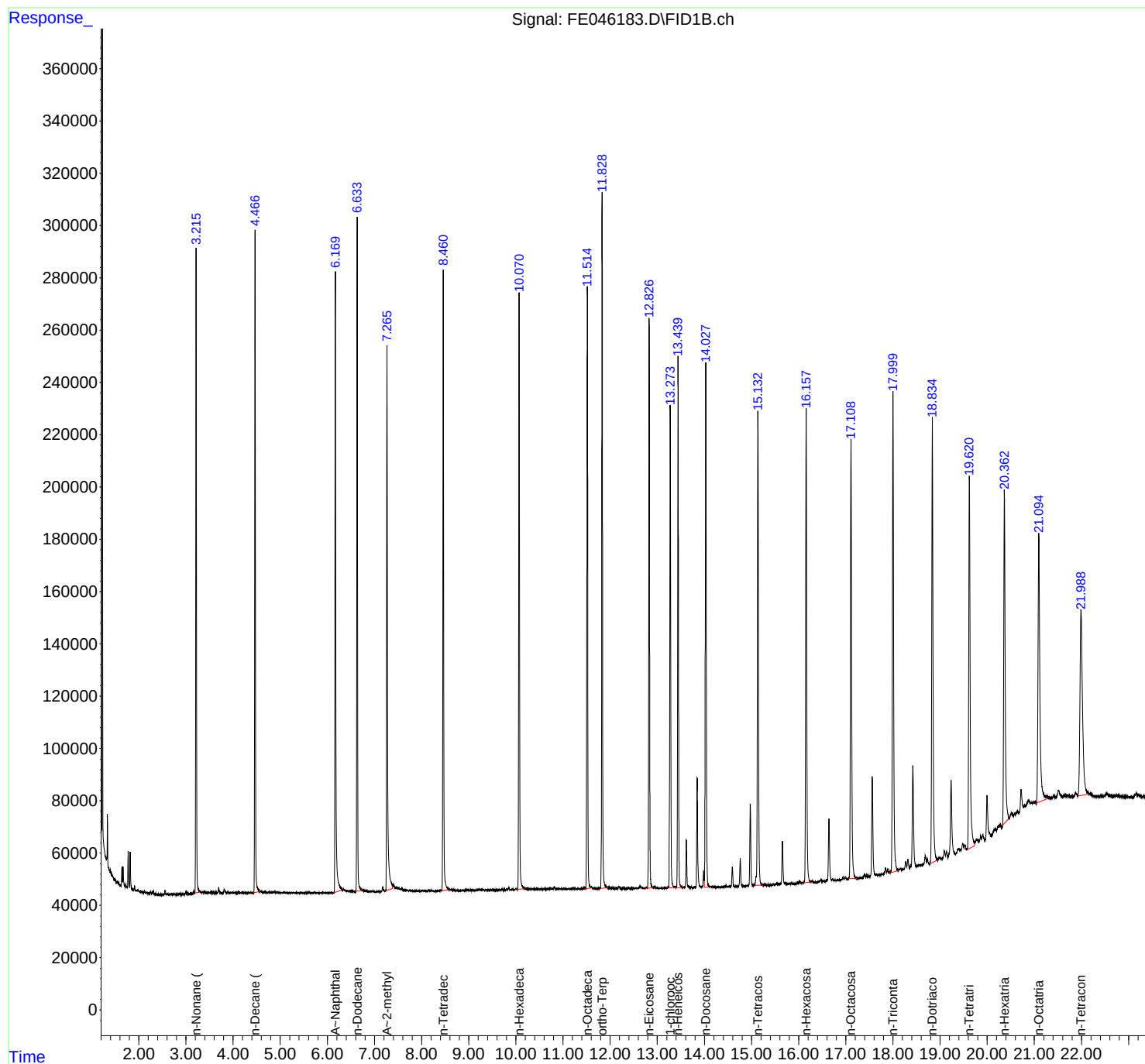
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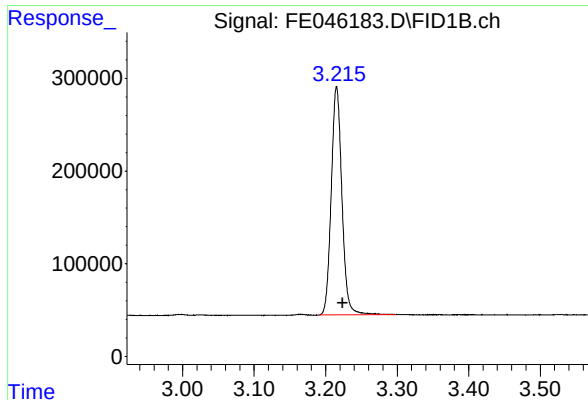
(m)=manual int.

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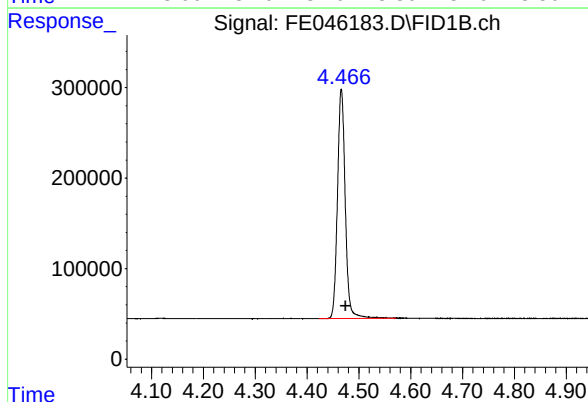
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





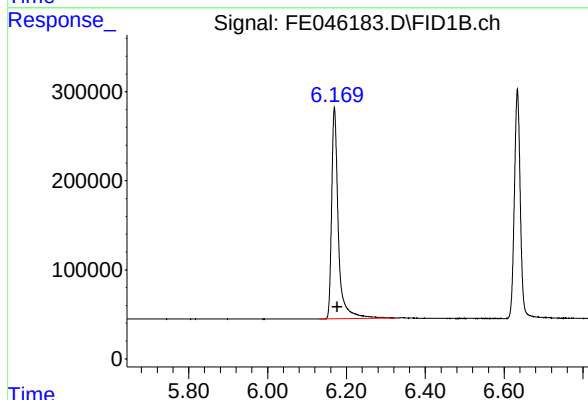
#1 n-Nonane (C9)

R.T.: 3.215 min
Delta R.T.: -0.009 min
Response: 2550951
Conc: 16.67 ug/ml



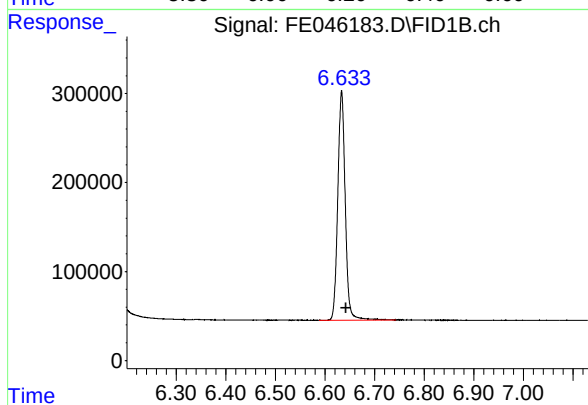
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.008 min
Response: 2639584
Conc: 17.01 ug/ml



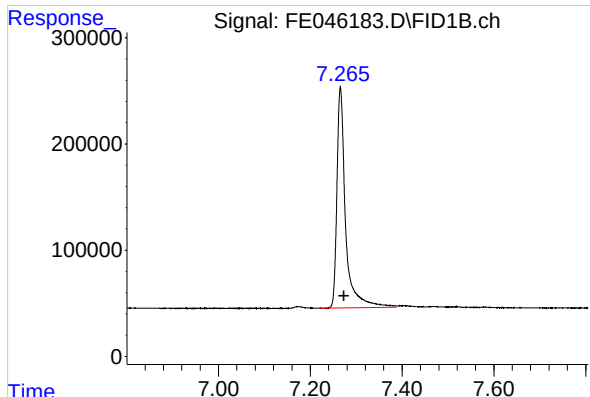
#3 A~Naphthalene (C11.7)

R.T.: 6.170 min
Delta R.T.: -0.008 min
Response: 2817404
Conc: 16.94 ug/ml



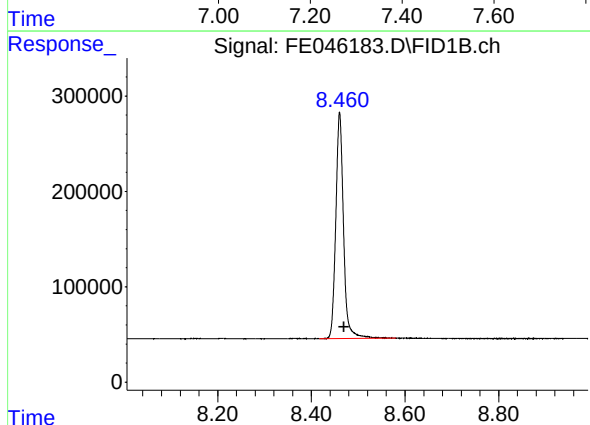
#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.009 min
Response: 2692584
Conc: 17.25 ug/ml



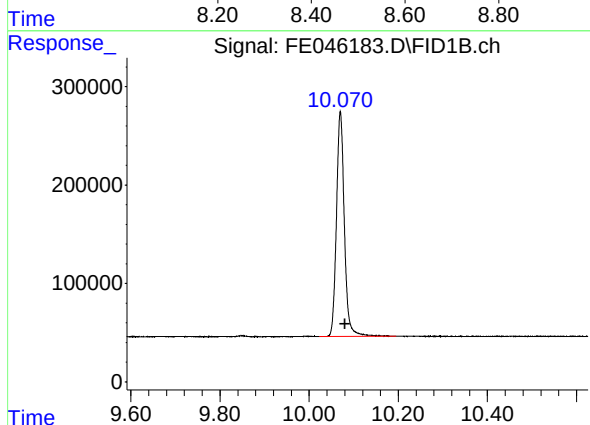
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 2713497
Conc: 17.04 ug/ml



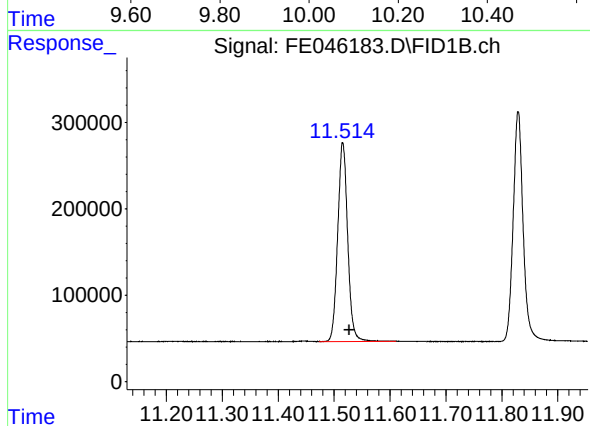
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.009 min
Response: 2714713
Conc: 17.43 ug/ml



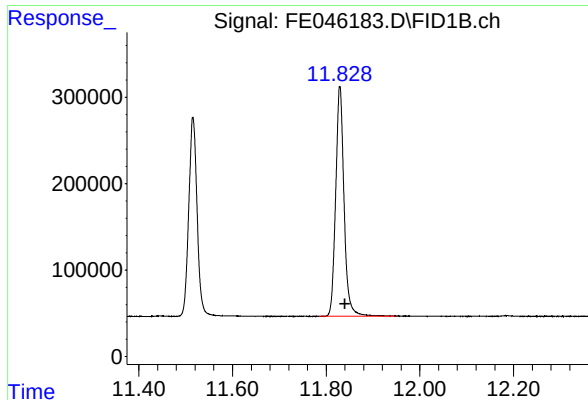
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: -0.010 min
Response: 2812364
Conc: 17.76 ug/ml



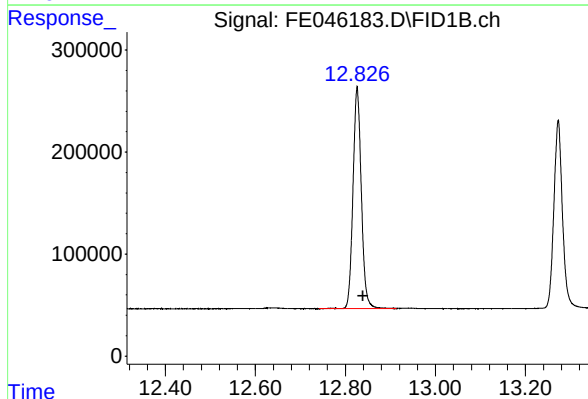
#8 n-Octadecane (C18)

R.T.: 11.516 min
Delta R.T.: -0.011 min
Response: 2850525
Conc: 18.11 ug/ml



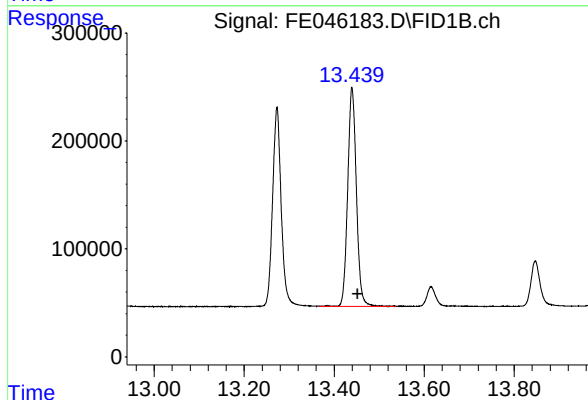
#9 ortho-Terphenyl (SURR)

R.T.: 11.829 min
Delta R.T.: -0.011 min
Response: 3303024
Conc: 18.18 ug/ml



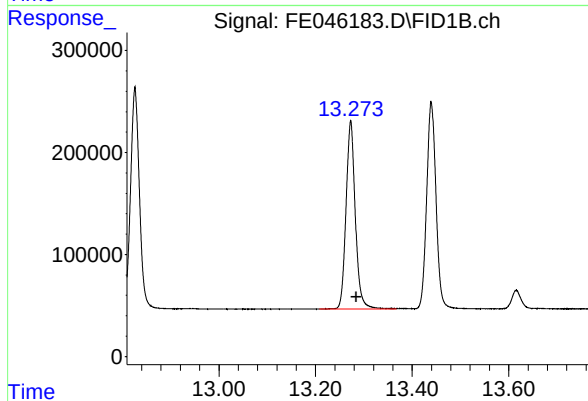
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.013 min
Response: 2783881
Conc: 18.40 ug/ml



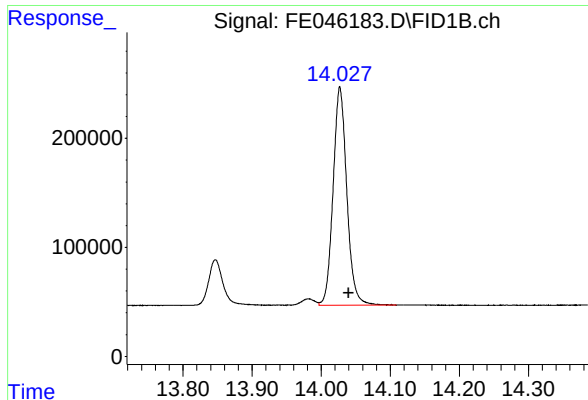
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.013 min
Response: 2719957
Conc: 18.50 ug/ml



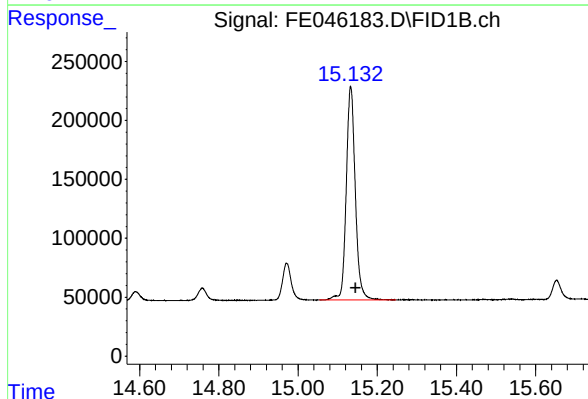
#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.011 min
Response: 2463325
Conc: 18.44 ug/ml



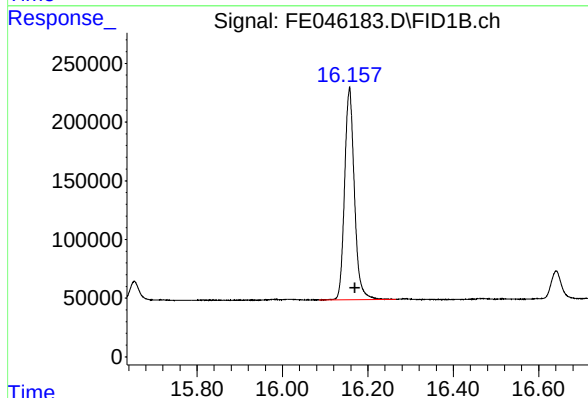
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.012 min
Response: 2755390
Conc: 18.85 ug/ml



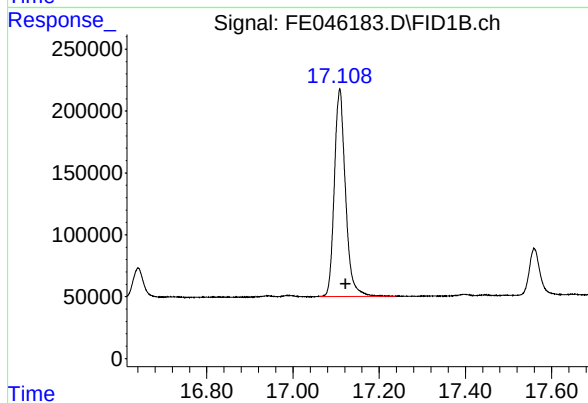
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.012 min
Response: 2879999
Conc: 19.86 ug/ml



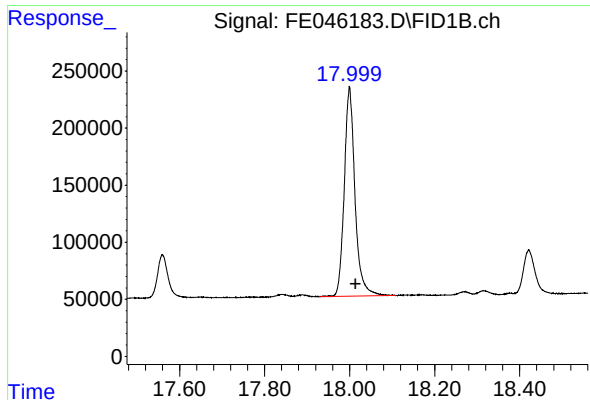
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.013 min
Response: 2874486
Conc: 20.05 ug/ml



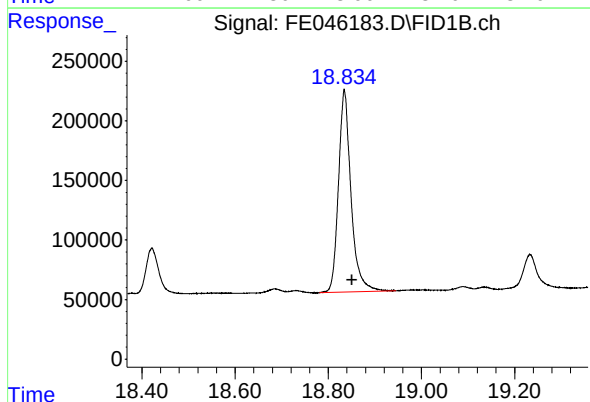
#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.014 min
Response: 3006590
Conc: 20.96 ug/ml



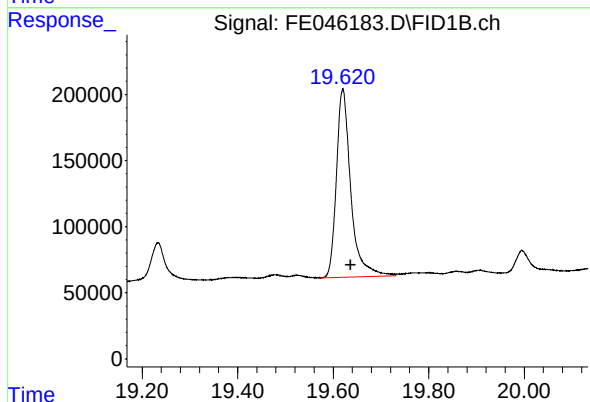
#17 n-Tricontane (C30)

R.T.: 18.000 min
Delta R.T.: -0.014 min
Response: 3210229
Conc: 21.60 ug/ml



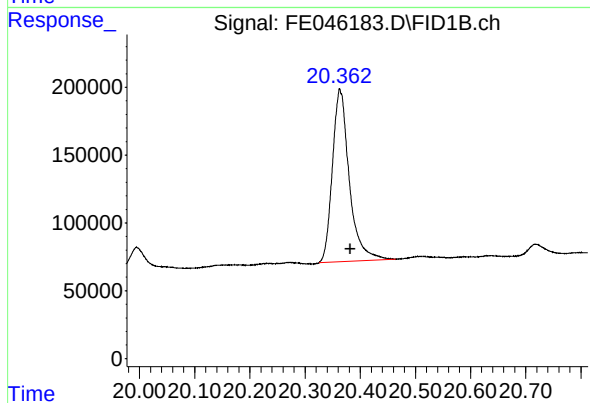
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.017 min
Response: 3165560
Conc: 21.17 ug/ml



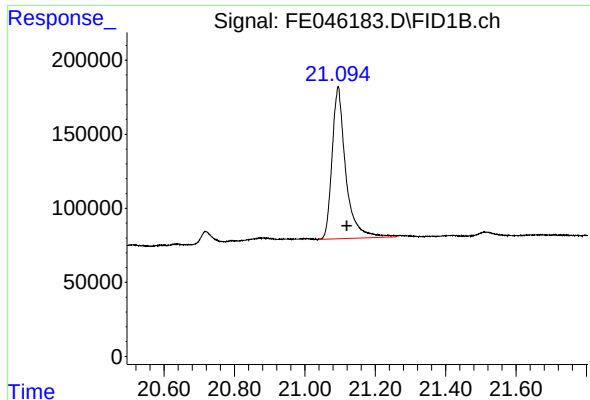
#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: -0.017 min
Response: 2972879
Conc: 20.75 ug/ml



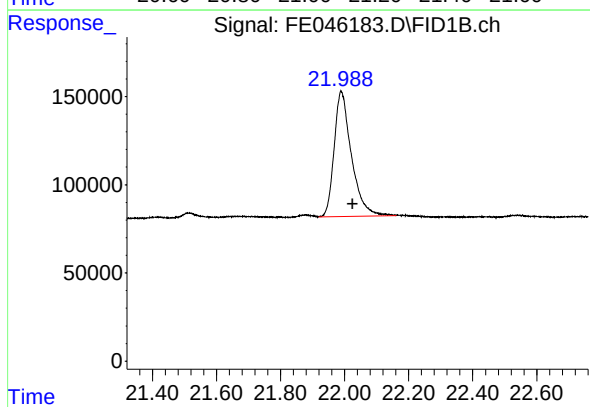
#20 n-Hexatriacontane (C36)

R.T.: 20.363 min
Delta R.T.: -0.019 min
Response: 2704493
Conc: 18.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.025 min
Response: 2761009
Conc: 18.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: -0.036 min
Response: 2646557
Conc: 16.91 ug/ml