

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012624AL\
 Data File : FE046425.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jan 2024 19:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 00:35:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 2024
 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)	11.822	3416340	18.476 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
12) S 1-chlorooctadecane (S...	13.264	2589949	18.204 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
Target Compounds			
1) T n-Nonane (C9)	3.211	3085877	19.104 ug/ml
2) T n-Decane (C10)	4.461	3134531	19.126 ug/ml
3) T A~Naphthalene (C11.7)	6.165	3280666	19.185 ug/ml
4) T n-Dodecane (C12)	6.628	3168092	19.153 ug/ml
5) T A~2-methylnaphthalene...	7.261	3130597	19.629 ug/ml
6) T n-Tetradecane (C14)	8.455	3132794	19.115 ug/ml
7) T n-Hexadecane (C16)	10.063	3221712	18.854 ug/ml
8) T n-Octadecane (C18)	11.507	3248148	18.631 ug/ml
10) T n-Eicosane (C20)	12.818	3120347	18.378 ug/ml
11) T n-Heneicosane (C21)	13.431	3046174	18.264 ug/ml
13) T n-Docosane (C22)	14.019	3005926	18.144 ug/ml
14) T n-Tetracosane (C24)	15.123	2961126	17.946 ug/ml
15) T n-Hexacosane (C26)	16.145	2872577	17.798 ug/ml
16) T n-Octacosane (C28)	17.097	2786244	17.749 ug/ml
17) T n-Tricontane (C30)	17.986	2783166	17.769 ug/ml
18) T n-Dotriacontane (C32)	18.821	2631769	17.411 ug/ml
19) T n-Tetratriacontane (C34)	19.605	2540819	17.914 ug/ml
20) T n-Hexatriacontane (C36)	20.348	2338733	16.967 ug/ml
21) T n-Octatriacontane (C38)	21.076	2364950	18.448 ug/ml
22) T n-Tetracontane (C40)	21.963	2195899	17.562 ug/ml

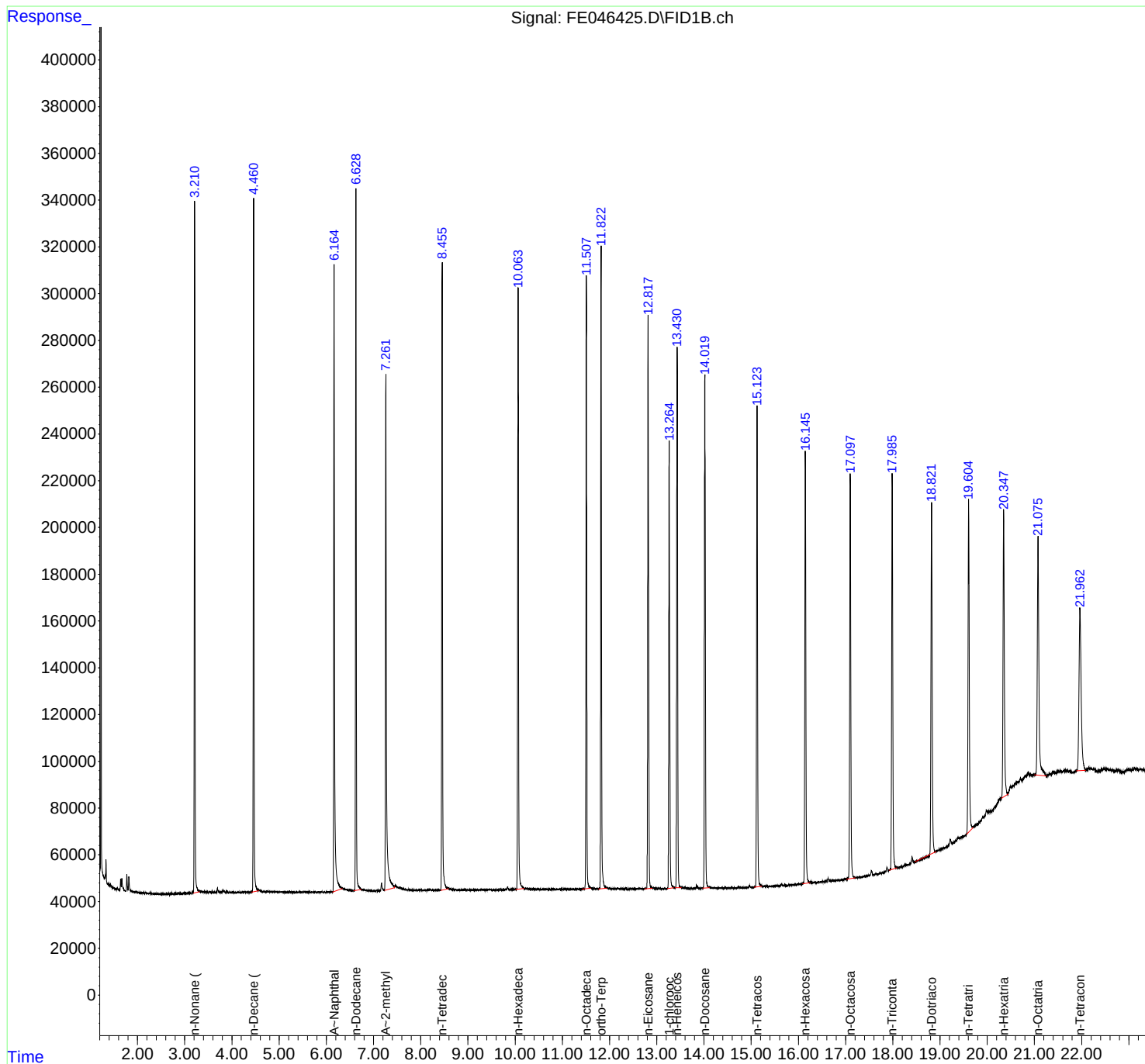
(f)=RT Delta > 1/2 Window

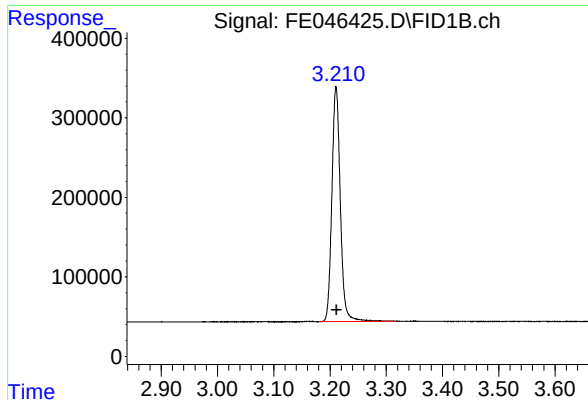
(m)=manual int.

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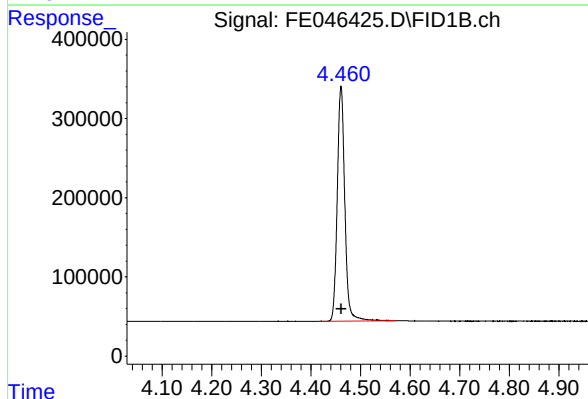
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Signal Info : 20M x 0.18mm x 0.18um





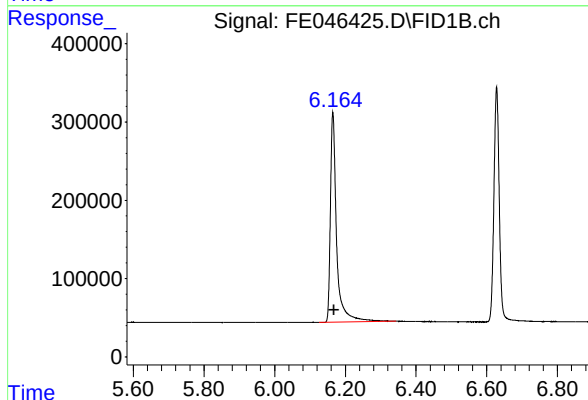
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: -0.001 min
Response: 3085877
Conc: 19.10 ug/ml



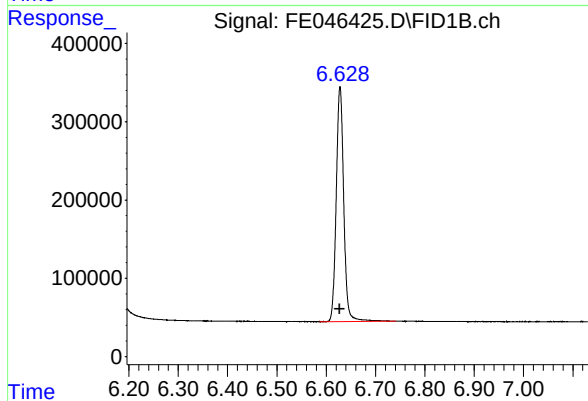
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 3134531
Conc: 19.13 ug/ml



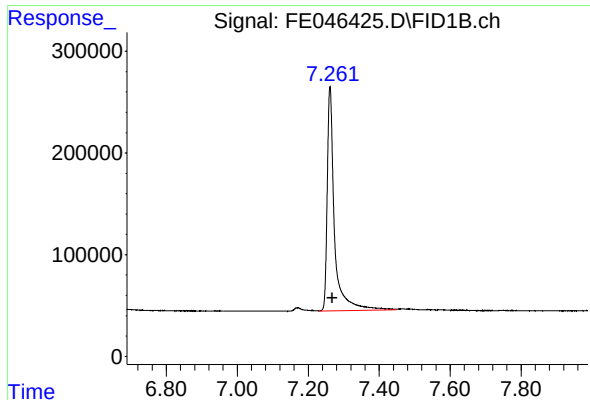
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.004 min
Response: 3280666
Conc: 19.19 ug/ml



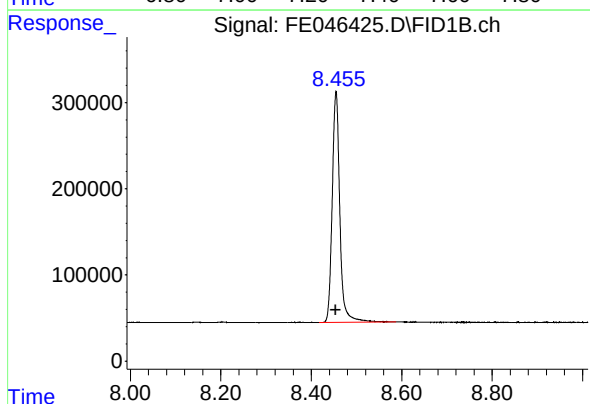
#4 n-Dodecane (C12)

R.T.: 6.628 min
Delta R.T.: 0.001 min
Response: 3168092
Conc: 19.15 ug/ml



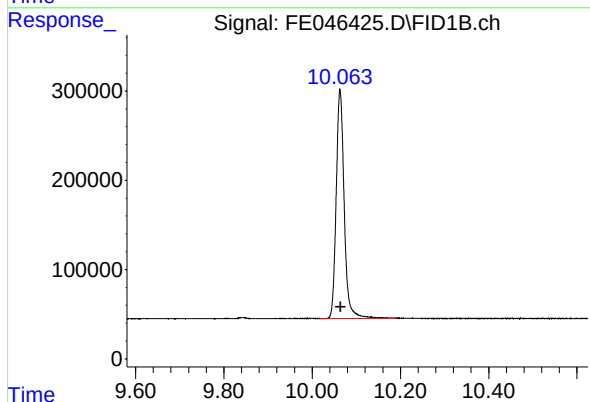
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: -0.006 min
Response: 3130597
Conc: 19.63 ug/ml



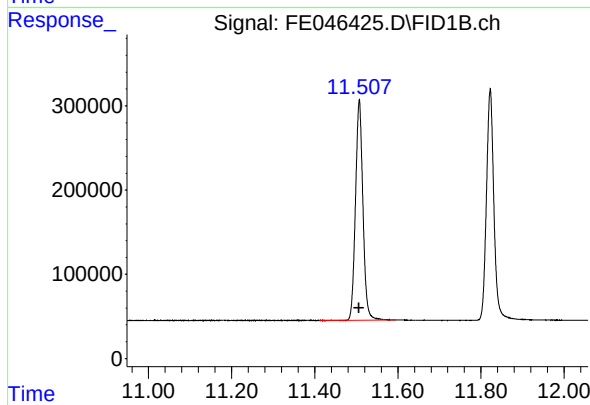
#6 n-Tetradecane (C14)

R.T.: 8.455 min
Delta R.T.: 0.000 min
Response: 3132794
Conc: 19.11 ug/ml



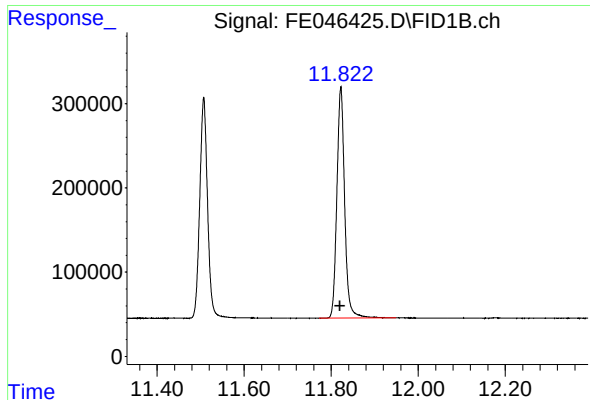
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: 0.000 min
Response: 3221712
Conc: 18.85 ug/ml



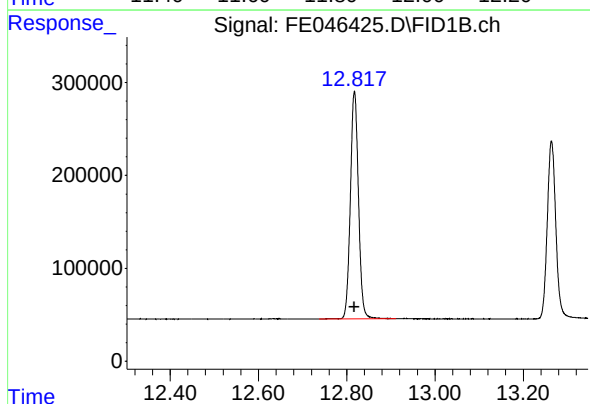
#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: 0.000 min
Response: 3248148
Conc: 18.63 ug/ml



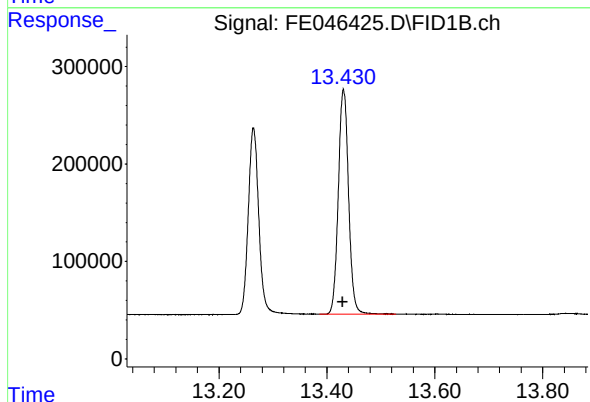
#9 ortho-Terphenyl (SURR)

R.T.: 11.822 min
Delta R.T.: 0.002 min
Response: 3416340
Conc: 18.48 ug/ml



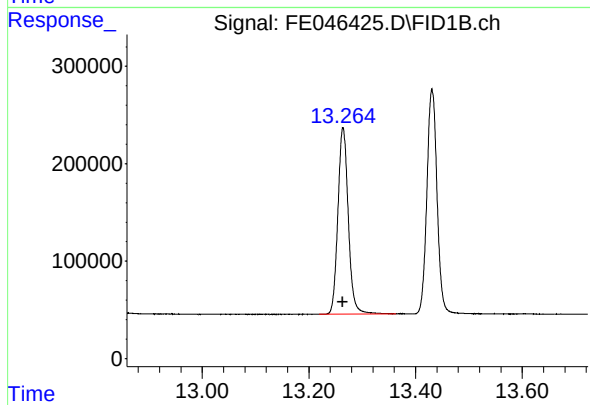
#10 n-Eicosane (C20)

R.T.: 12.818 min
Delta R.T.: 0.000 min
Response: 3120347
Conc: 18.38 ug/ml



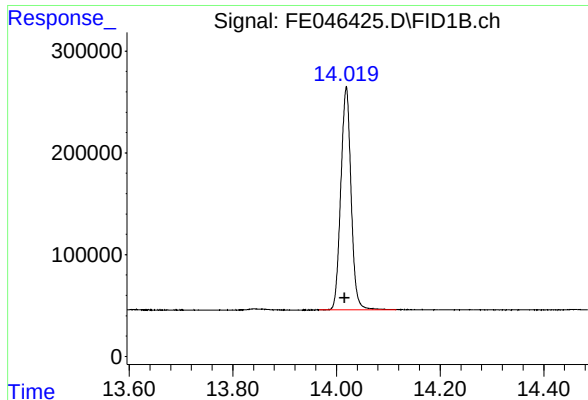
#11 n-Heneicosane (C21)

R.T.: 13.431 min
Delta R.T.: 0.002 min
Response: 3046174
Conc: 18.26 ug/ml



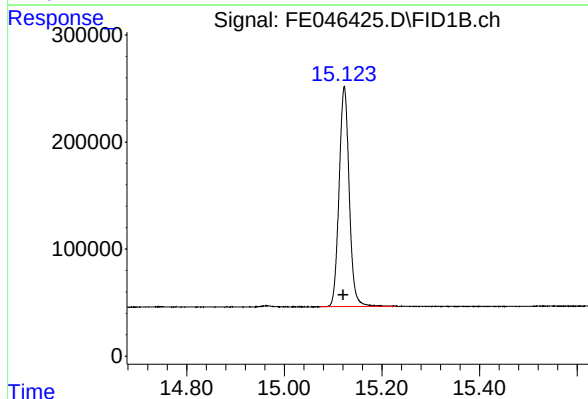
#12 1-chlorooctadecane (SURR)

R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 2589949
Conc: 18.20 ug/ml



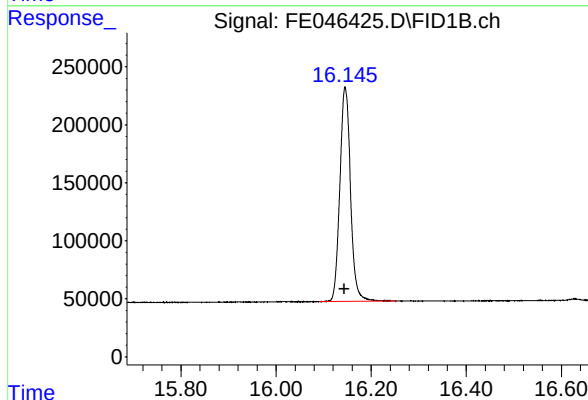
#13 n-Docosane (C22)

R.T.: 14.019 min
Delta R.T.: 0.003 min
Response: 3005926
Conc: 18.14 ug/ml



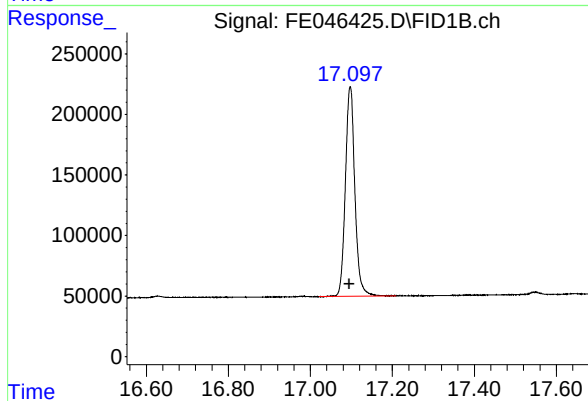
#14 n-Tetracosane (C24)

R.T.: 15.123 min
Delta R.T.: 0.002 min
Response: 2961126
Conc: 17.95 ug/ml



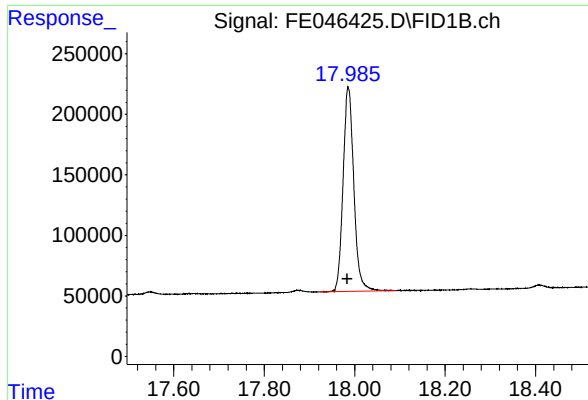
#15 n-Hexacosane (C26)

R.T.: 16.145 min
Delta R.T.: 0.001 min
Response: 2872577
Conc: 17.80 ug/ml



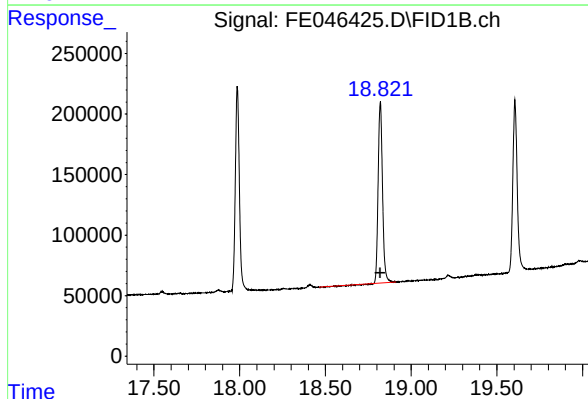
#16 n-Octacosane (C28)

R.T.: 17.097 min
Delta R.T.: 0.003 min
Response: 2786244
Conc: 17.75 ug/ml



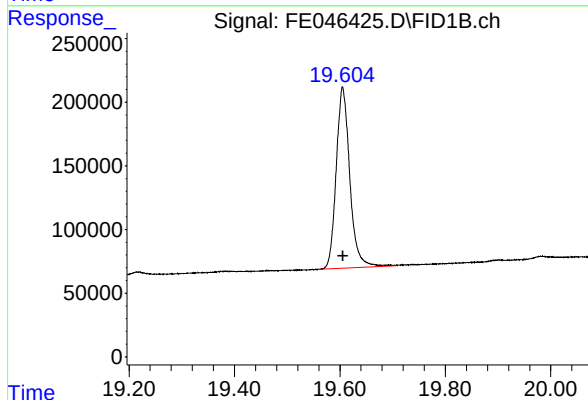
#17 n-Tricontane (C30)

R.T.: 17.986 min
Delta R.T.: 0.002 min
Response: 2783166
Conc: 17.77 ug/ml



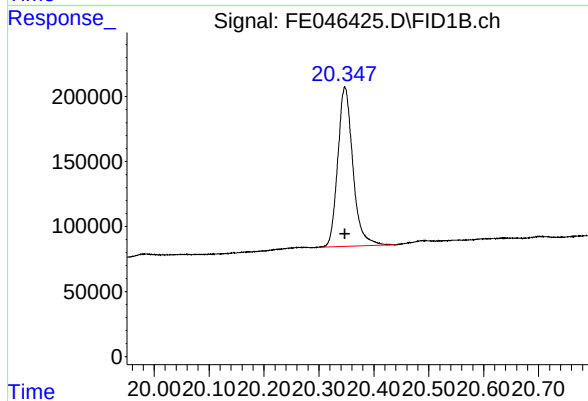
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: 0.002 min
Response: 2631769
Conc: 17.41 ug/ml



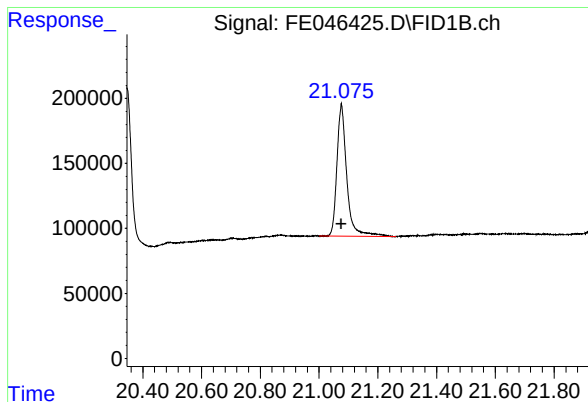
#19 n-Tetratriacontane (C34)

R.T.: 19.605 min
Delta R.T.: 0.000 min
Response: 2540819
Conc: 17.91 ug/ml



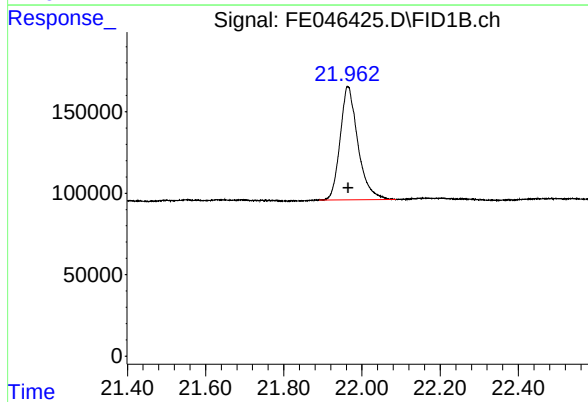
#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: 0.000 min
Response: 2338733
Conc: 16.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: 0.000 min
Response: 2364950
Conc: 18.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.002 min
Response: 2195899
Conc: 17.56 ug/ml