Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021723AL\
Data File : FE040403.D
Signal(s) : FID1B.ch
Acq On : 17 Feb 2023 11:44
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Feb 17 14:20:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
Quant Title : GC Extractables
QLast Update : Thu Feb 02 04:52:48 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)	11.892	3157437	19.507 ug/ml
Spiked Amount	50.000		Recovery =	39.01%
12) S	1-chlorooctadecane (S...	13.331	2395646	19.316 ug/ml
Spiked Amount	50.000		Recovery =	38.63%
	Target Compounds			
1) T	n-Nonane (C9)	3.283	2598704	19.094 ug/ml
2) T	n-Decane (C10)	4.533	2554533	19.226 ug/ml
3) T	A~Naphthalene (C11.7)	6.237	2831054	19.344 ug/ml
4) T	n-Dodecane (C12)	6.699	2606122	19.357 ug/ml
5) T	A~2-methylnaphthalene...	7.332	2631550	19.442 ug/ml
6) T	n-Tetradecane (C14)	8.526	2656137	19.273 ug/ml
7) T	n-Hexadecane (C16)	10.134	2767091	19.280 ug/ml
8) T	n-Octadecane (C18)	11.576	2869361	19.289 ug/ml
10) T	n-Eicosane (C20)	12.887	2841432	19.327 ug/ml
11) T	n-Heneicosane (C21)	13.498	2859473	19.387 ug/ml
13) T	n-Docosane (C22)	14.085	2856791	19.281 ug/ml
14) T	n-Tetracosane (C24)	15.189	2868966	18.899 ug/ml
15) T	n-Hexacosane (C26)	16.211	2794773	18.852 ug/ml
16) T	n-Octacosane (C28)	17.162	2739761	18.282 ug/ml
17) T	n-Tricontane (C30)	18.050	2661073	18.035 ug/ml
18) T	n-Dotriacontane (C32)	18.884	2620264	17.891 ug/ml
19) T	n-Tetratriacontane (C34)	19.670	2493650	18.130 ug/ml
20) T	n-Hexatriacontane (C36)	20.411	2355706	17.760 ug/ml
21) T	n-Octatriacontane (C38)	21.143	2337824	18.021 ug/ml
22) T	n-Tetracontane (C40)	22.041	2331804	17.563 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

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Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
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QLast Update : Thu Feb 02 04:52:48 2023
Response via : Initial Calibration
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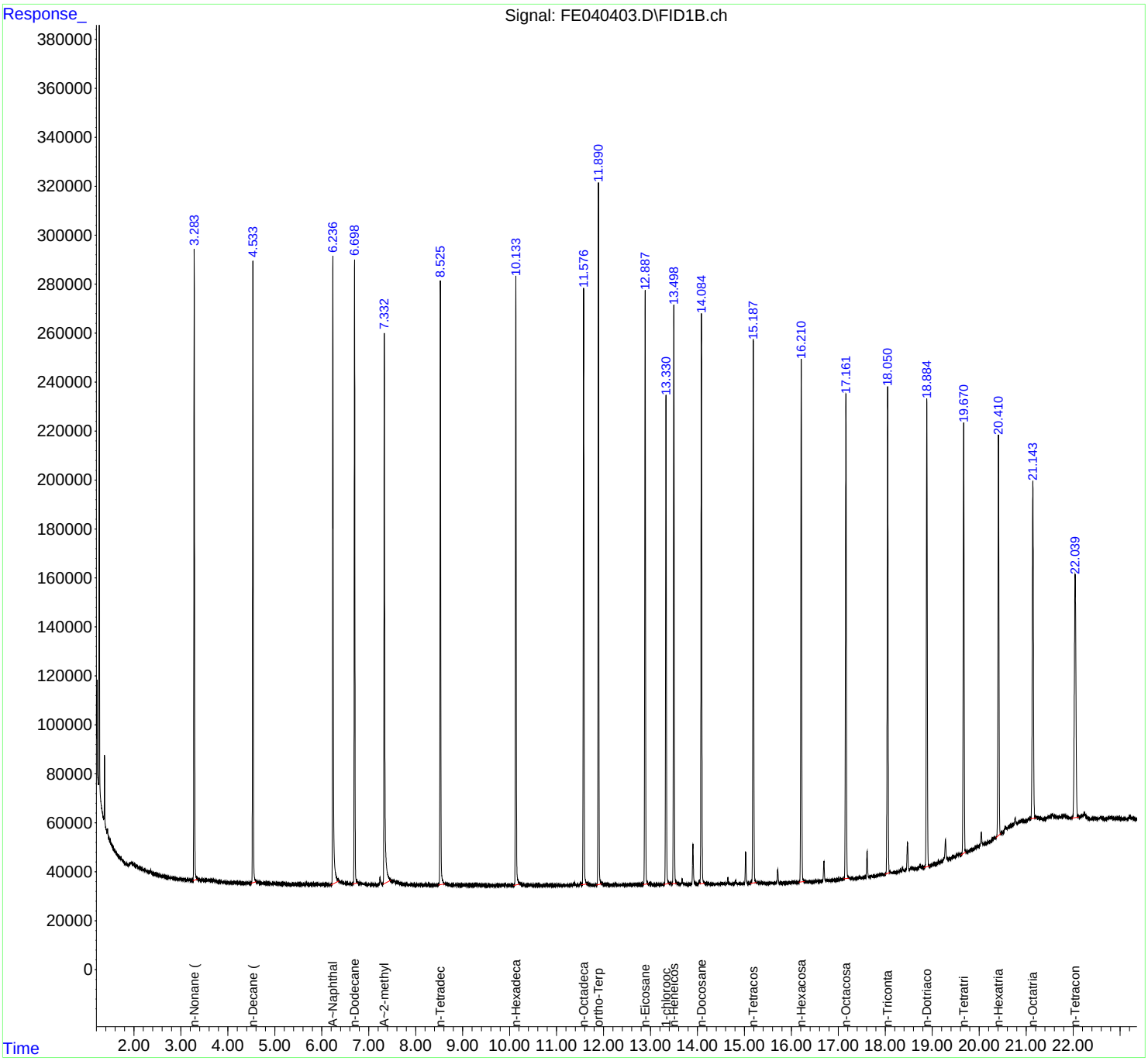
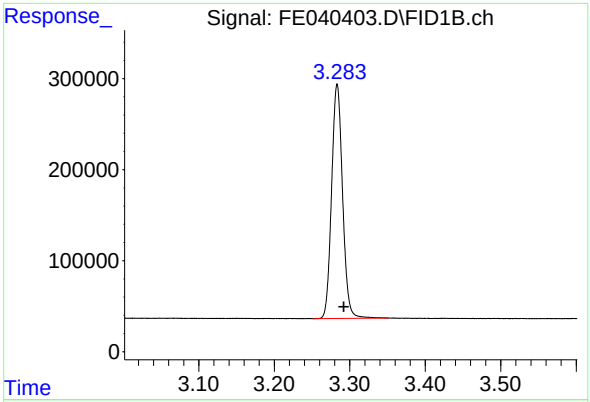
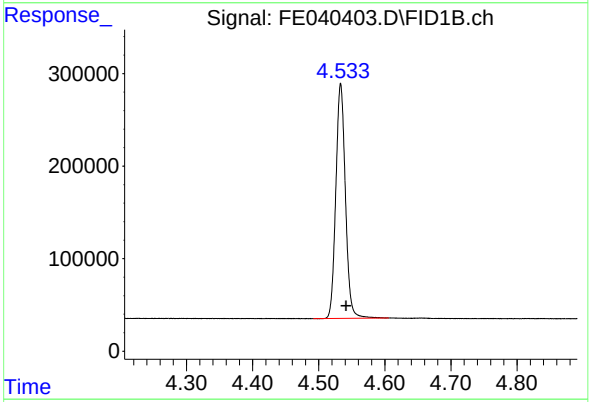
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





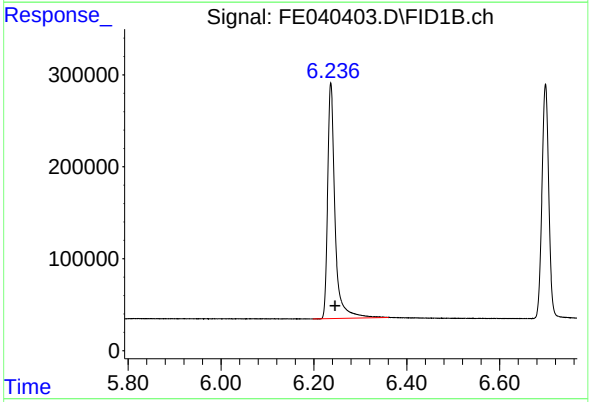
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: -0.009 min
Response: 2598704
Conc: 19.09 ug/ml



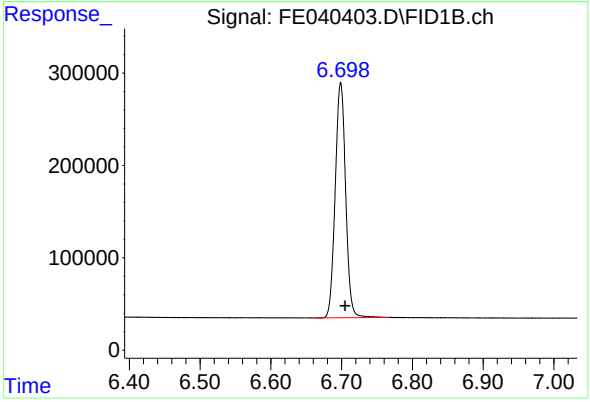
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.008 min
Response: 2554533
Conc: 19.23 ug/ml



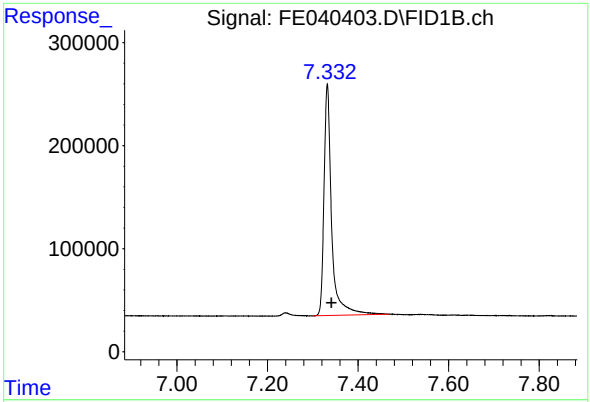
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.009 min
Response: 2831054
Conc: 19.34 ug/ml



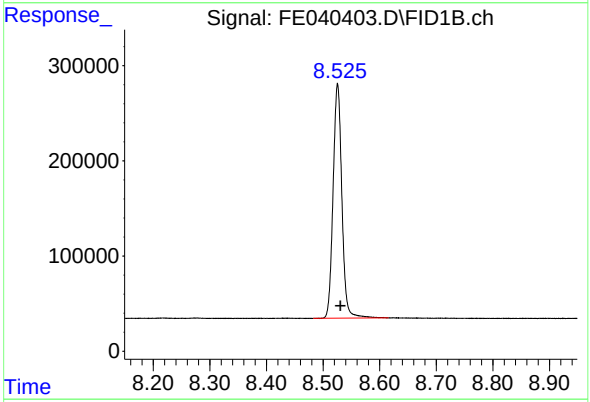
#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.006 min
Response: 2606122
Conc: 19.36 ug/ml



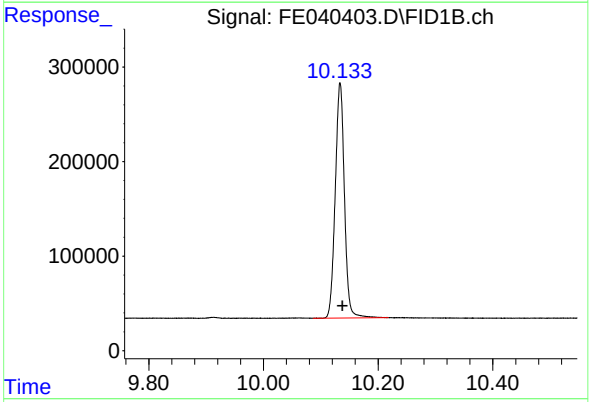
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.332 min
Delta R.T.: -0.009 min
Response: 2631550
Conc: 19.44 ug/ml



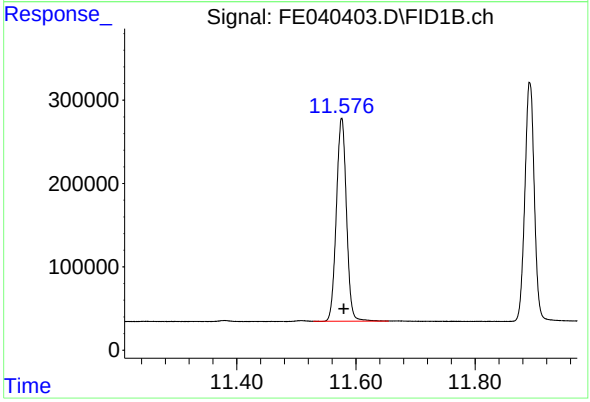
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.005 min
Response: 2656137
Conc: 19.27 ug/ml



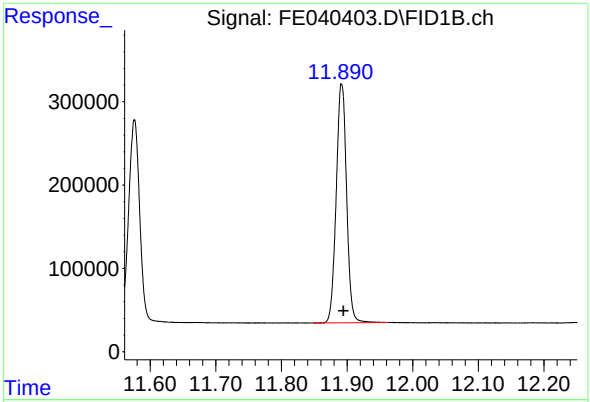
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.004 min
Response: 2767091
Conc: 19.28 ug/ml



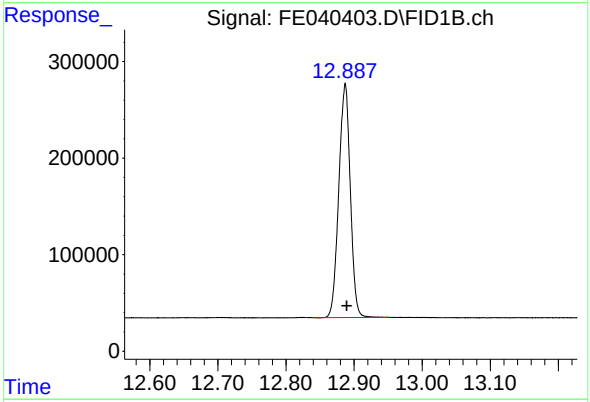
#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: -0.003 min
Response: 2869361
Conc: 19.29 ug/ml



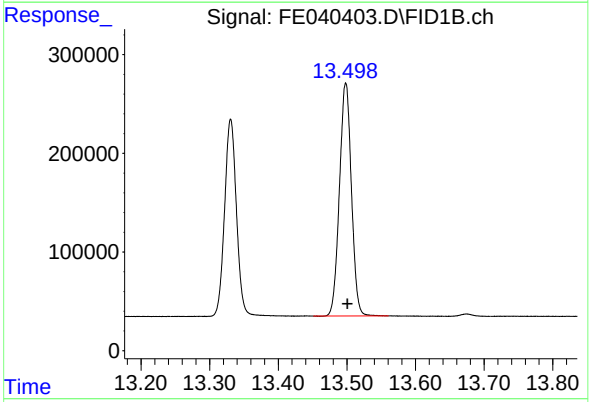
#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.003 min
Response: 3157437
Conc: 19.51 ug/ml



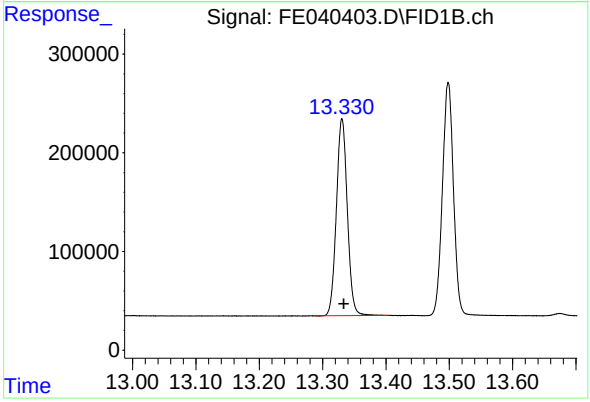
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.002 min
Response: 2841432
Conc: 19.33 ug/ml



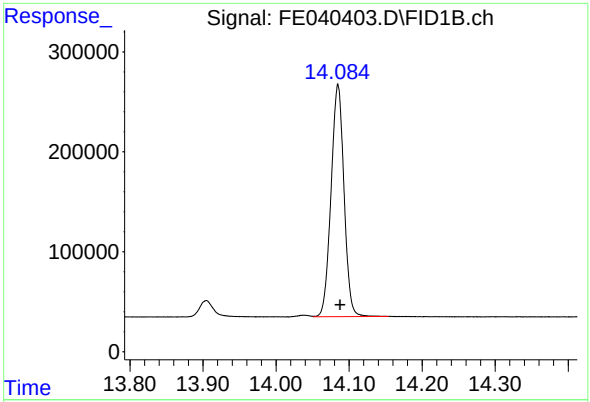
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.002 min
Response: 2859473
Conc: 19.39 ug/ml



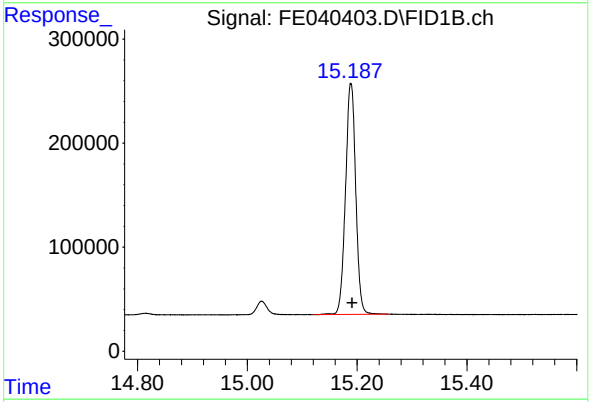
#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min
Delta R.T.: -0.003 min
Response: 2395646
Conc: 19.32 ug/ml



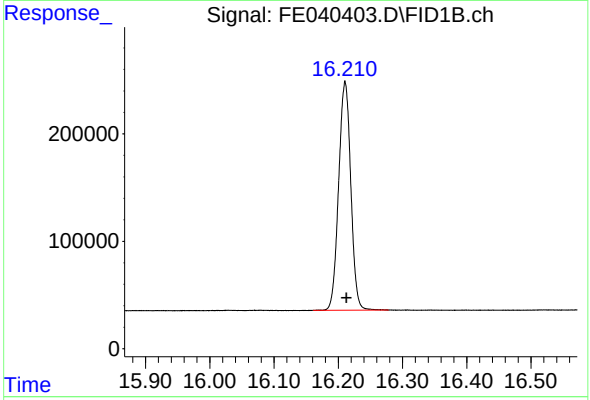
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: -0.003 min
Response: 2856791
Conc: 19.28 ug/ml



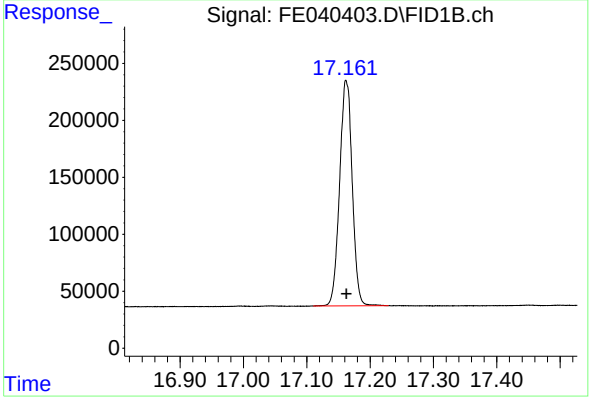
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.002 min
Response: 2868966
Conc: 18.90 ug/ml



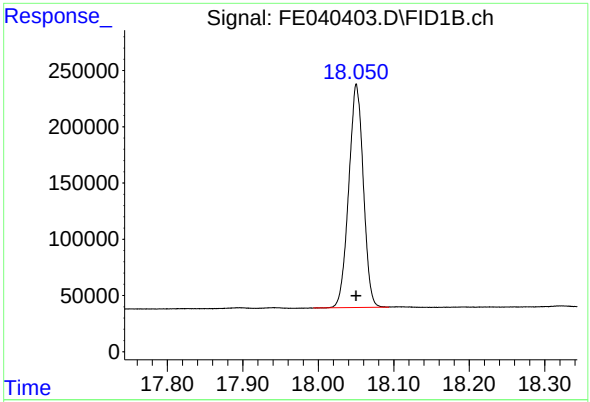
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: -0.002 min
Response: 2794773
Conc: 18.85 ug/ml



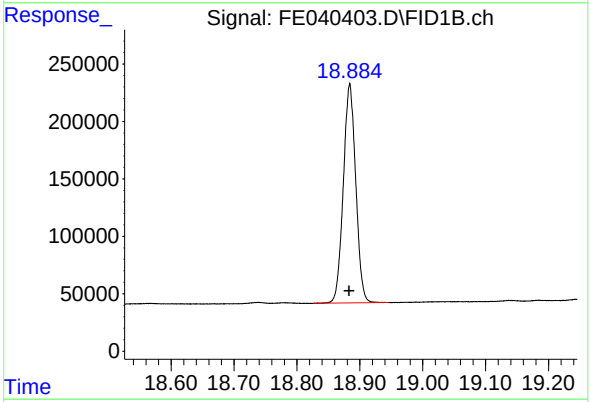
#16 n-Octacosane (C28)

R.T.: 17.162 min
Delta R.T.: 0.000 min
Response: 2739761
Conc: 18.28 ug/ml



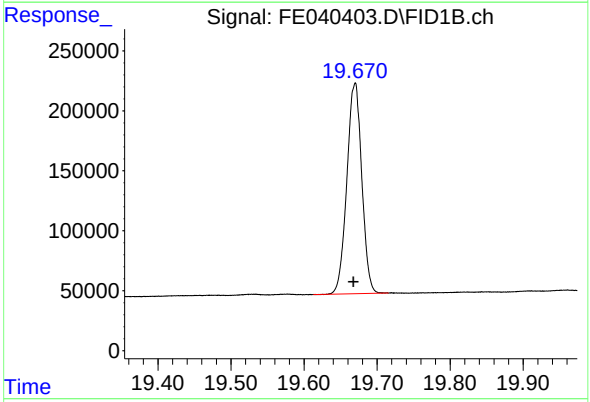
#17 n-Tricontane (C30)

R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 2661073
Conc: 18.04 ug/ml



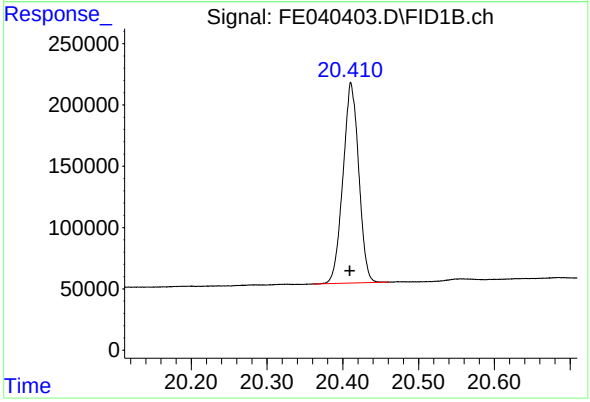
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: 0.001 min
Response: 2620264
Conc: 17.89 ug/ml



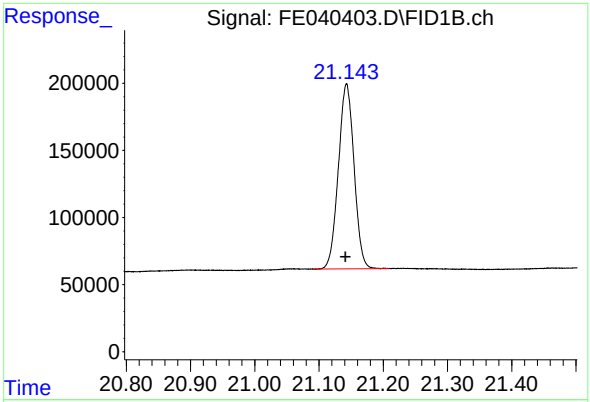
#19 n-Tetratriacontane (C34)

R.T.: 19.670 min
Delta R.T.: 0.002 min
Response: 2493650
Conc: 18.13 ug/ml



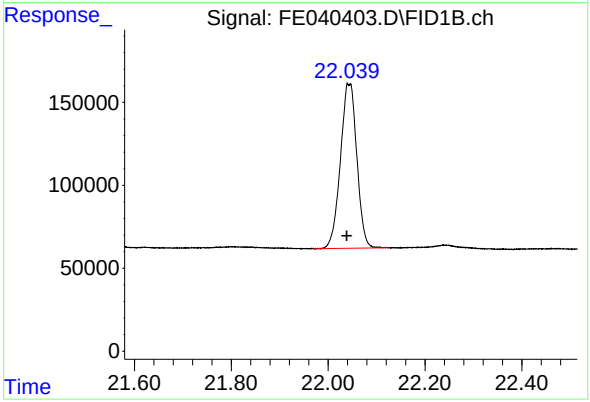
#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: 0.002 min
Response: 2355706
Conc: 17.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: 0.002 min
Response: 2337824
Conc: 18.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.041 min
Delta R.T.: 0.002 min
Response: 2331804
Conc: 17.56 ug/ml