

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022924AL\
 Data File : FE047009.D
 Signal(s) : FID1B.ch
 Acq On : 29 Feb 2024 22:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 01:11:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.787	3141072	19.118 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
12) S 1-chlorooctadecane (S...	13.229	2393996	19.448 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T n-Nonane (C9)	3.180	2936336	19.256 ug/ml
2) T n-Decane (C10)	4.431	3013207	19.455 ug/ml
3) T A~Naphthalene (C11.7)	6.137	3026449	19.215 ug/ml
4) T n-Dodecane (C12)	6.599	3052667	19.633 ug/ml
5) T A~2-methylnaphthalene...	7.234	2735257	19.074 ug/ml
6) T n-Tetradecane (C14)	8.425	3037445	19.698 ug/ml
7) T n-Hexadecane (C16)	10.032	3115678	19.637 ug/ml
8) T n-Octadecane (C18)	11.474	3102154	19.459 ug/ml
10) T n-Eicosane (C20)	12.784	2921007	19.297 ug/ml
11) T n-Heneicosane (C21)	13.395	2841966	19.192 ug/ml
13) T n-Docosane (C22)	13.982	2802716	19.264 ug/ml
14) T n-Tetracosane (C24)	15.084	2759289	19.320 ug/ml
15) T n-Hexacosane (C26)	16.105	2714154	19.423 ug/ml
16) T n-Octacosane (C28)	17.055	2669459	19.594 ug/ml
17) T n-Tricontane (C30)	17.944	2828505	20.273 ug/ml
18) T n-Dotriacontane (C32)	18.777	2843609	20.665 ug/ml
19) T n-Tetratriacontane (C34)	19.563	2786642	20.744 ug/ml
20) T n-Hexatriacontane (C36)	20.304	2773491	20.828 ug/ml
21) T n-Octatriacontane (C38)	21.024	2848802	20.676 ug/ml
22) T n-Tetracontane (C40)	21.897	2856003	20.242 ug/ml

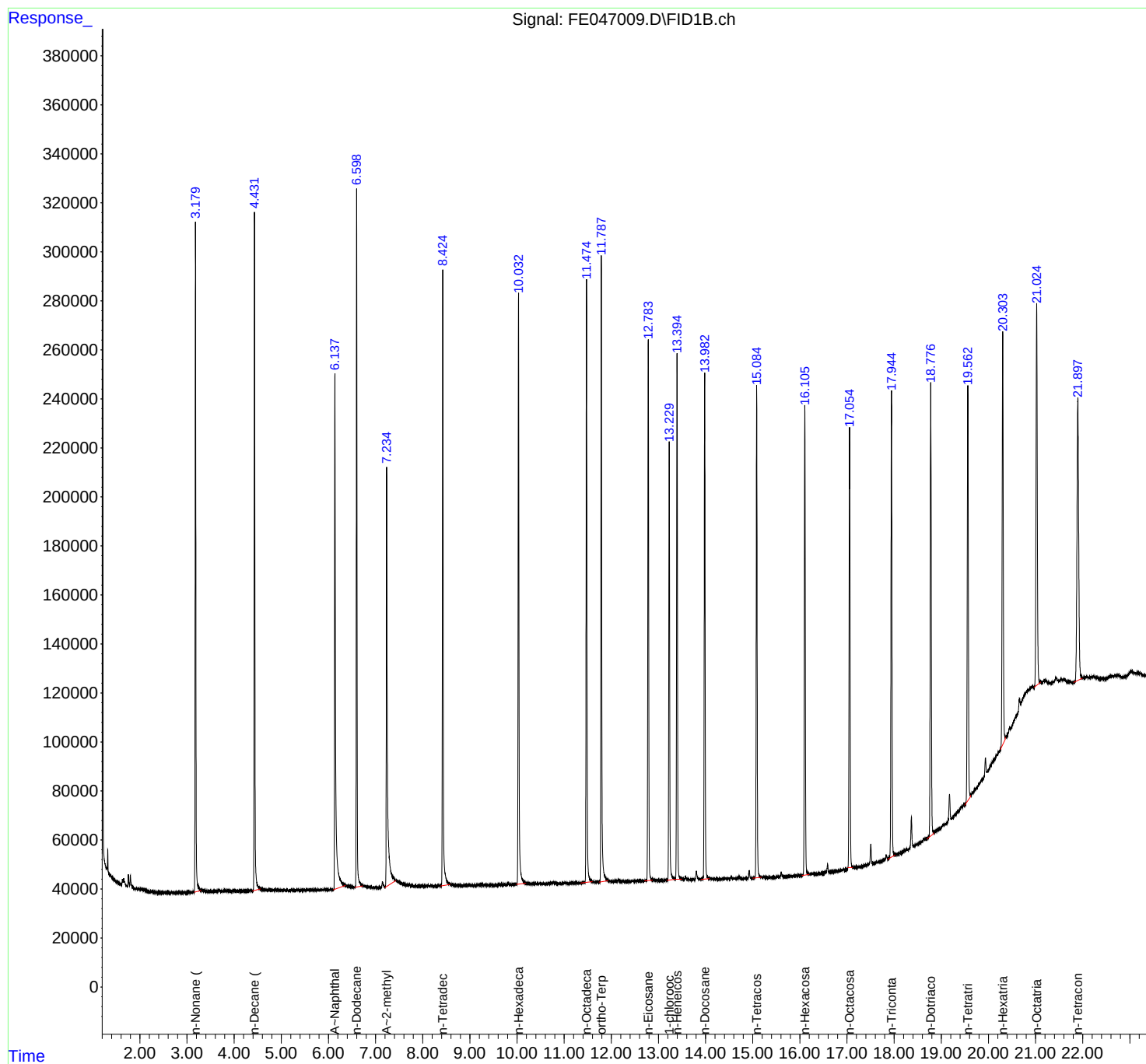
(f)=RT Delta > 1/2 Window

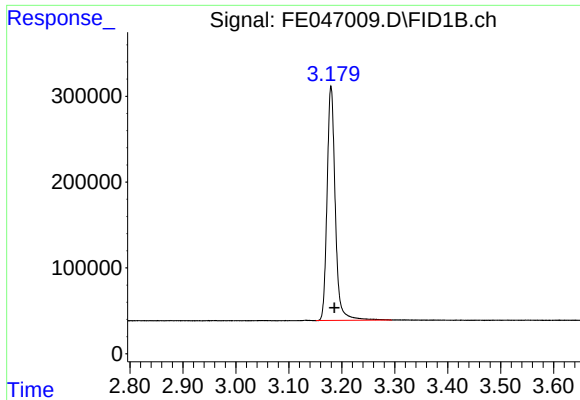
(m)=manual int.

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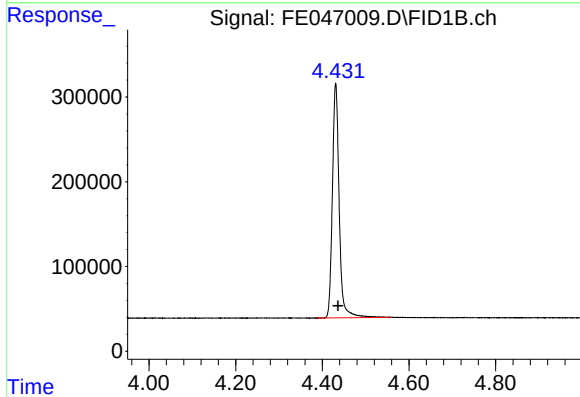
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





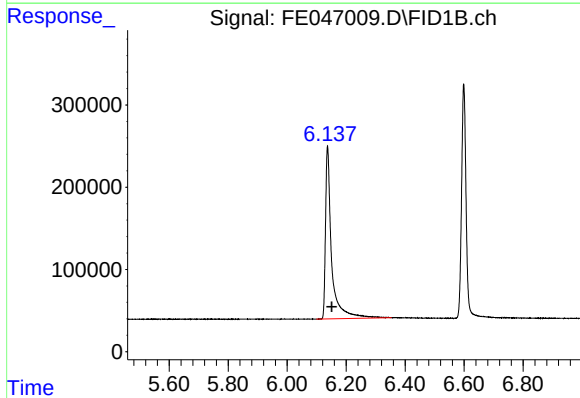
#1 n-Nonane (C9)

R.T.: 3.180 min
Delta R.T.: -0.006 min
Response: 2936336
Conc: 19.26 ug/ml



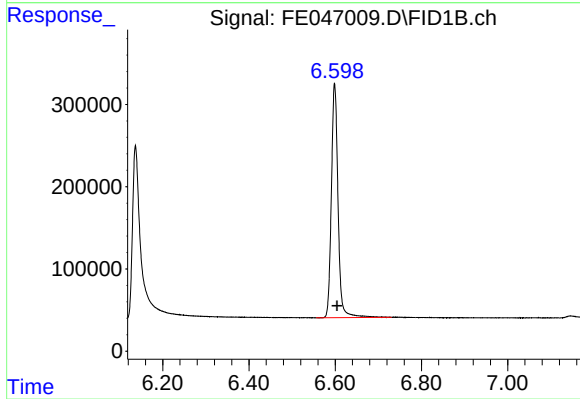
#2 n-Decane (C10)

R.T.: 4.431 min
Delta R.T.: -0.006 min
Response: 3013207
Conc: 19.45 ug/ml



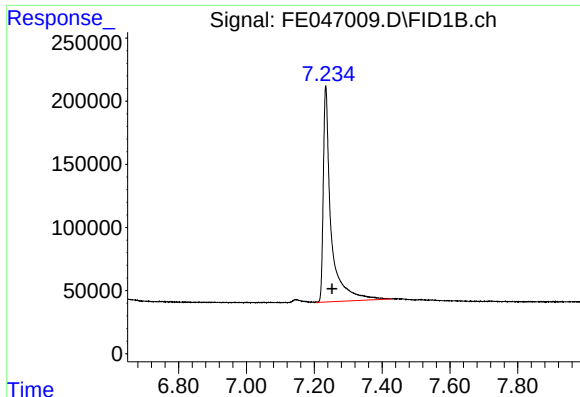
#3 A~Naphthalene (C11.7)

R.T.: 6.137 min
Delta R.T.: -0.014 min
Response: 3026449
Conc: 19.22 ug/ml



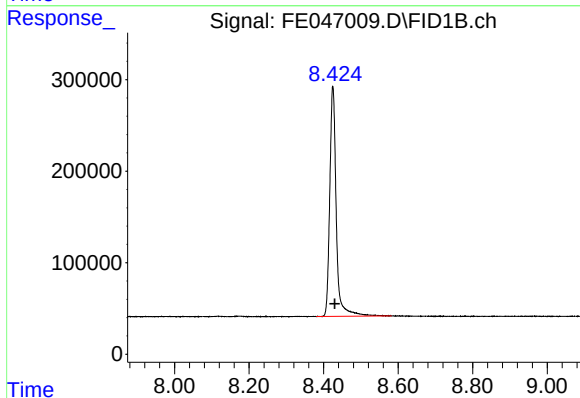
#4 n-Dodecane (C12)

R.T.: 6.599 min
Delta R.T.: -0.005 min
Response: 3052667
Conc: 19.63 ug/ml



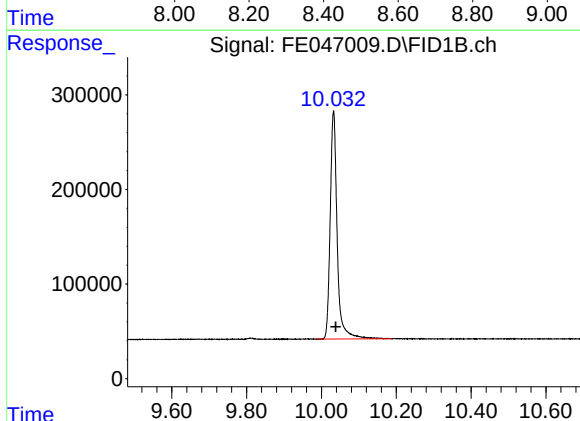
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.234 min
Delta R.T.: -0.018 min
Response: 2735257
Conc: 19.07 ug/ml



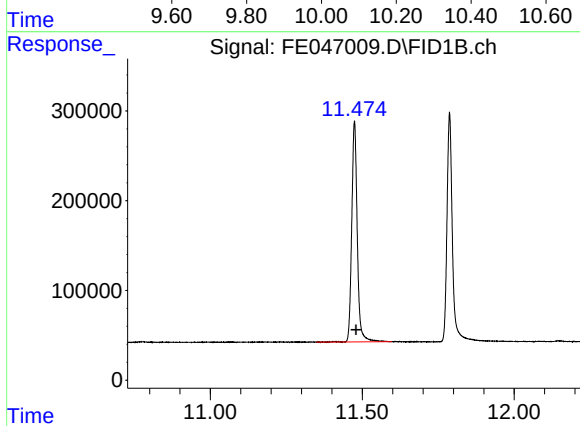
#6 n-Tetradecane (C14)

R.T.: 8.425 min
Delta R.T.: -0.005 min
Response: 3037445
Conc: 19.70 ug/ml



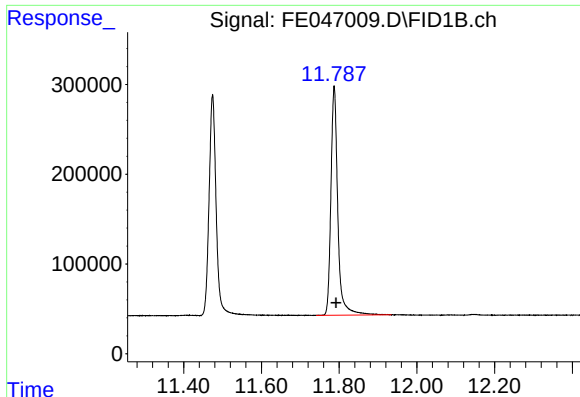
#7 n-Hexadecane (C16)

R.T.: 10.032 min
Delta R.T.: -0.006 min
Response: 3115678
Conc: 19.64 ug/ml



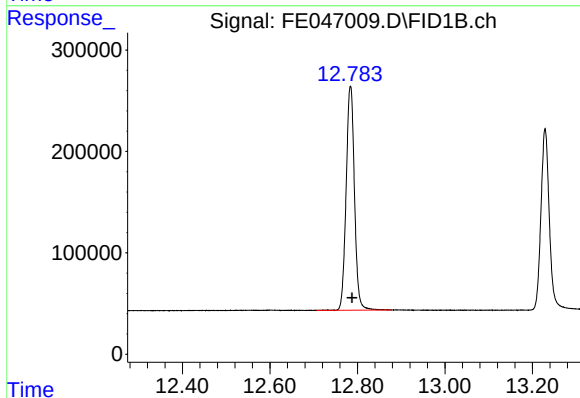
#8 n-Octadecane (C18)

R.T.: 11.474 min
Delta R.T.: -0.006 min
Response: 3102154
Conc: 19.46 ug/ml



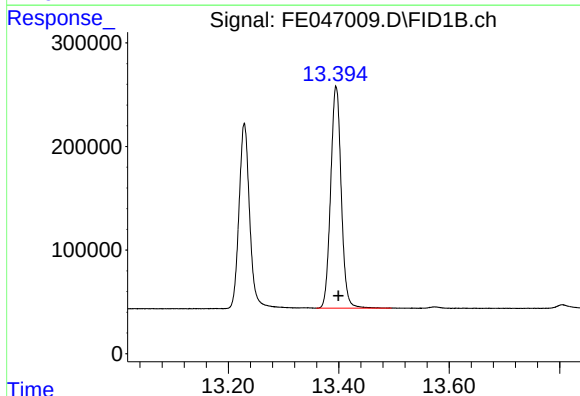
#9 ortho-Terphenyl (SURR)

R.T.: 11.787 min
Delta R.T.: -0.005 min
Response: 3141072
Conc: 19.12 ug/ml



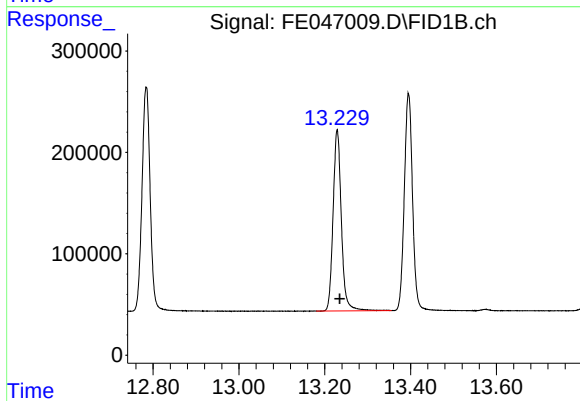
#10 n-Eicosane (C20)

R.T.: 12.784 min
Delta R.T.: -0.004 min
Response: 2921007
Conc: 19.30 ug/ml



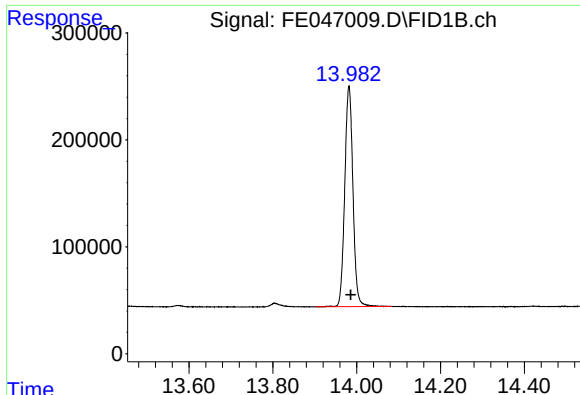
#11 n-Heneicosane (C21)

R.T.: 13.395 min
Delta R.T.: -0.004 min
Response: 2841966
Conc: 19.19 ug/ml



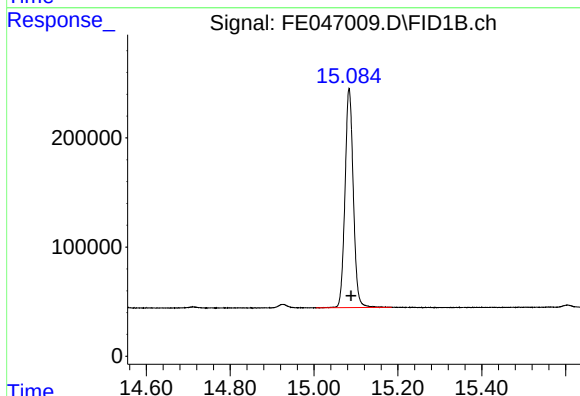
#12 1-chlorooctadecane (SURR)

R.T.: 13.229 min
Delta R.T.: -0.006 min
Response: 2393996
Conc: 19.45 ug/ml



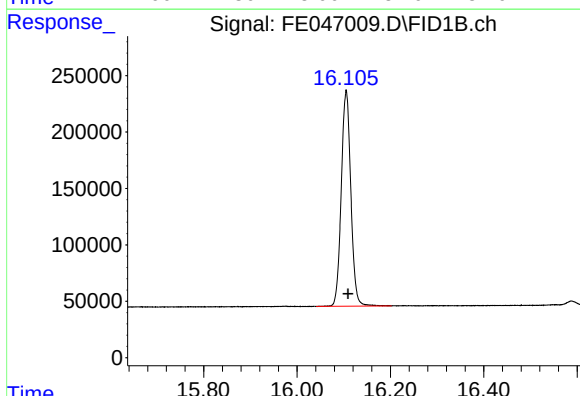
#13 n-Docosane (C22)

R.T.: 13.982 min
Delta R.T.: -0.004 min
Response: 2802716
Conc: 19.26 ug/ml



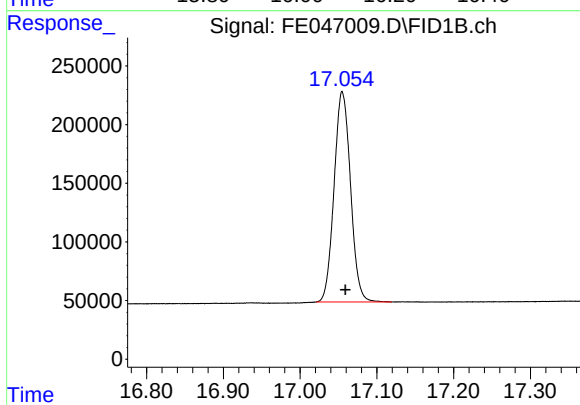
#14 n-Tetracosane (C24)

R.T.: 15.084 min
Delta R.T.: -0.005 min
Response: 2759289
Conc: 19.32 ug/ml



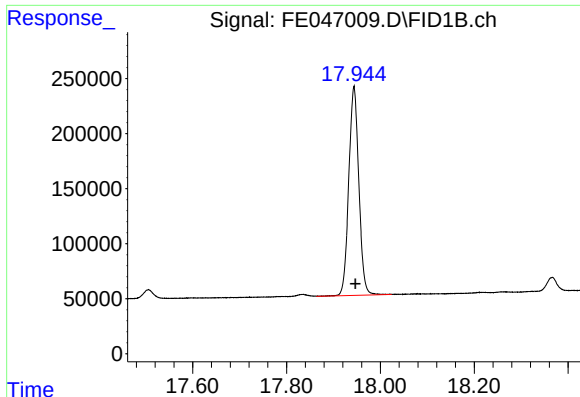
#15 n-Hexacosane (C26)

R.T.: 16.105 min
Delta R.T.: -0.004 min
Response: 2714154
Conc: 19.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.055 min
Delta R.T.: -0.004 min
Response: 2669459
Conc: 19.59 ug/ml



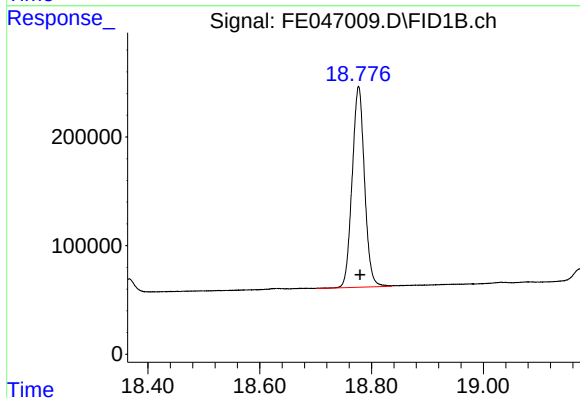
#17 n-Tricontane (C30)

R.T.: 17.944 min

Delta R.T.: -0.003 min

Response: 2828505

Conc: 20.27 ug/ml



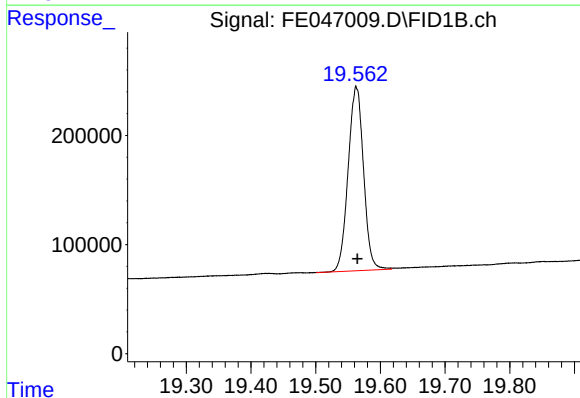
#18 n-Dotriacontane (C32)

R.T.: 18.777 min

Delta R.T.: -0.002 min

Response: 2843609

Conc: 20.67 ug/ml



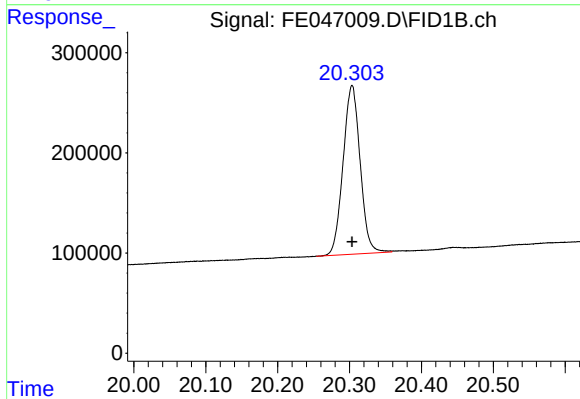
#19 n-Tetratriacontane (C34)

R.T.: 19.563 min

Delta R.T.: -0.002 min

Response: 2786642

Conc: 20.74 ug/ml



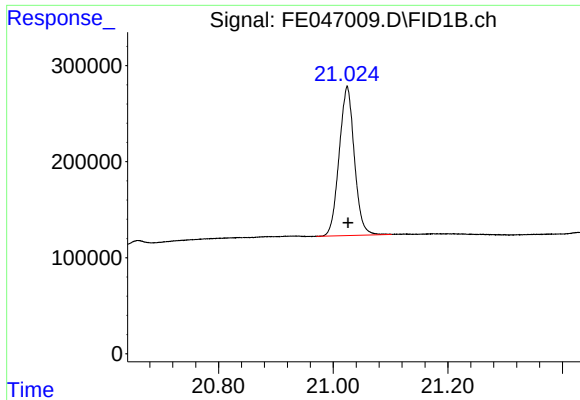
#20 n-Hexatriacontane (C36)

R.T.: 20.304 min

Delta R.T.: 0.000 min

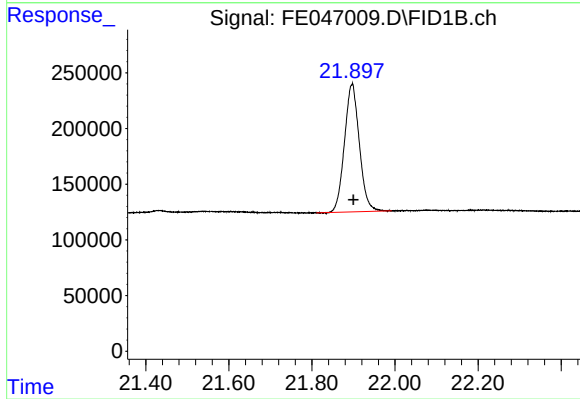
Response: 2773491

Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.024 min
Delta R.T.: -0.001 min
Response: 2848802
Conc: 20.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.897 min
Delta R.T.: -0.003 min
Response: 2856003
Conc: 20.24 ug/ml