

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022924AL\
 Data File : FE047024.D
 Signal(s) : FID1B.ch
 Acq On : 01 Mar 2024 06:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 07:13:25 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)	11.783	3185354	19.388 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
12) S 1-chlorooctadecane (S...	13.224	2407775	19.560 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
Target Compounds			
1) T n-Nonane (C9)	3.178	3017239	19.786 ug/ml
2) T n-Decane (C10)	4.428	3106266	20.056 ug/ml
3) T A~Naphthalene (C11.7)	6.134	3056000	19.403 ug/ml
4) T n-Dodecane (C12)	6.596	3131427	20.140 ug/ml
5) T A~2-methylnaphthalene...	7.231	2784906	19.421 ug/ml
6) T n-Tetradecane (C14)	8.421	3090465	20.042 ug/ml
7) T n-Hexadecane (C16)	10.029	3163493	19.938 ug/ml
8) T n-Octadecane (C18)	11.471	3162324	19.837 ug/ml
10) T n-Eicosane (C20)	12.780	2961303	19.564 ug/ml
11) T n-Heneicosane (C21)	13.391	2877372	19.431 ug/ml
13) T n-Docosane (C22)	13.977	2849040	19.582 ug/ml
14) T n-Tetracosane (C24)	15.080	2799752	19.604 ug/ml
15) T n-Hexacosane (C26)	16.100	2745861	19.650 ug/ml
16) T n-Octacosane (C28)	17.051	2725128	20.003 ug/mlm
17) T n-Tricontane (C30)	17.937	2872859	20.591 ug/ml
18) T n-Dotriacontane (C32)	18.771	2867890	20.842 ug/ml
19) T n-Tetratriacontane (C34)	19.556	2795927	20.813 ug/ml
20) T n-Hexatriacontane (C36)	20.295	2801417	21.038 ug/ml
21) T n-Octatriacontane (C38)	21.015	2858180	20.744 ug/ml
22) T n-Tetracontane (C40)	21.886	2912593	20.644 ug/ml

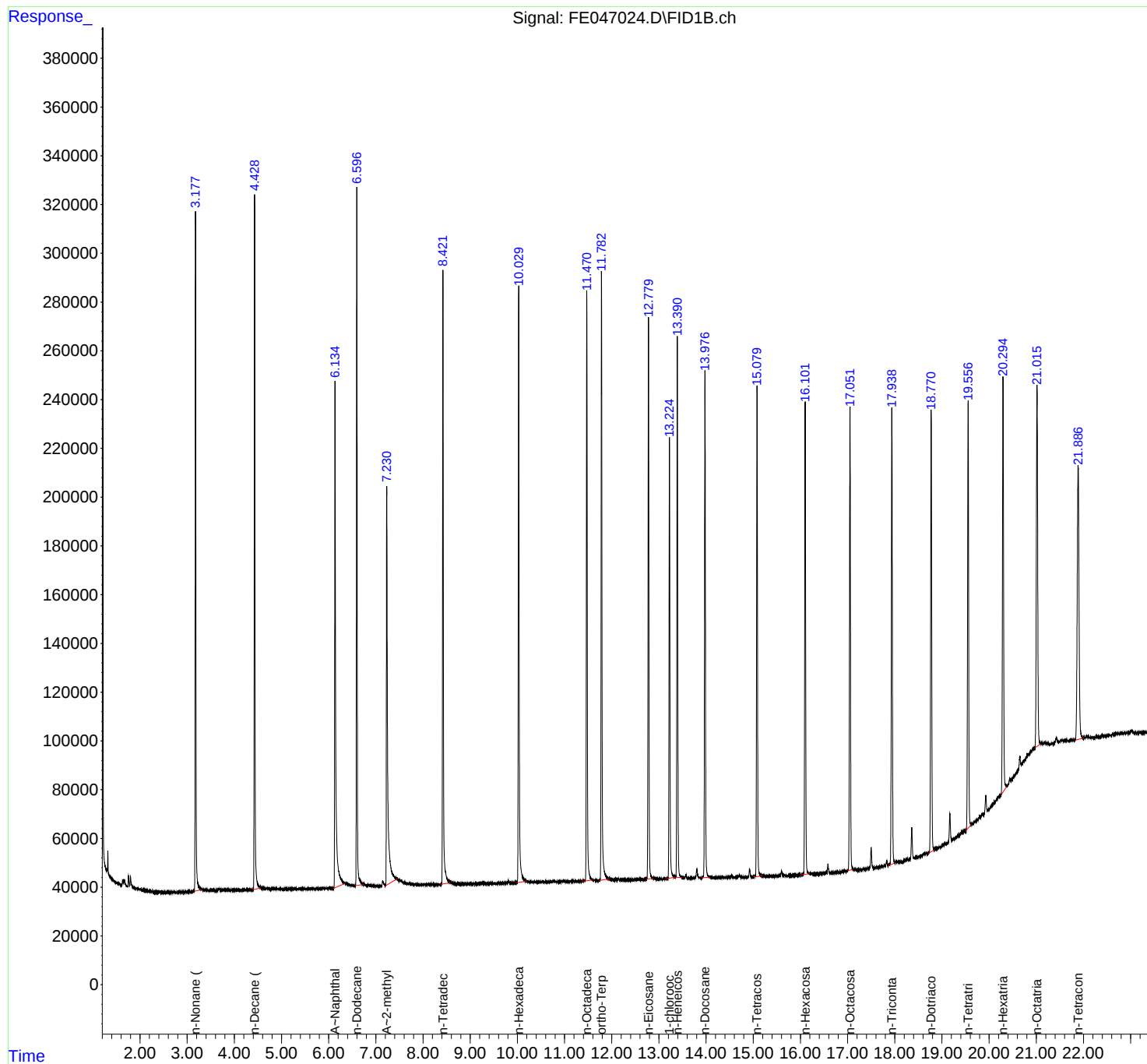
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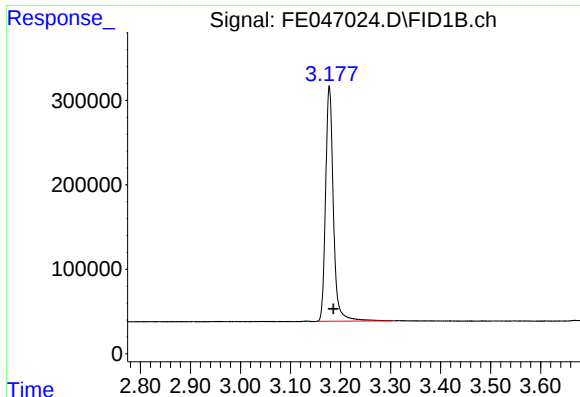
(m)=manual int.

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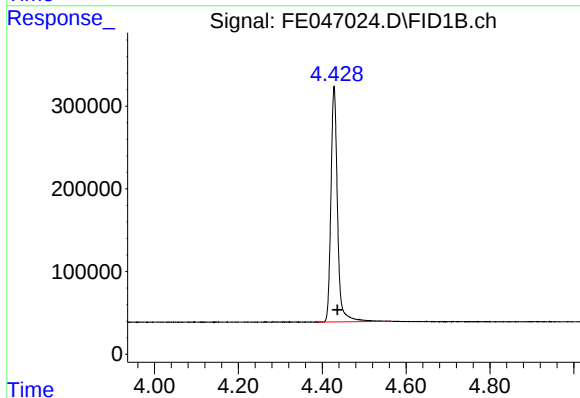
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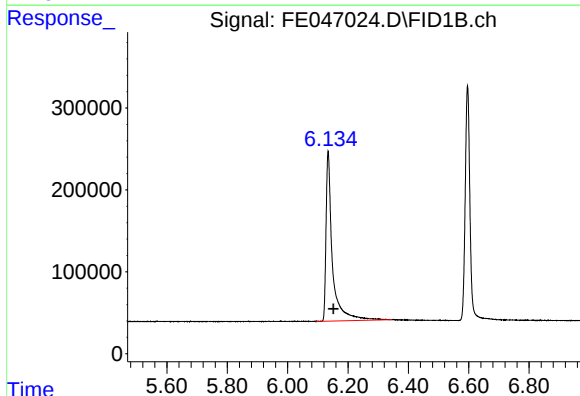
#1 n-Nonane (C9)

R.T.: 3.178 min
Delta R.T.: -0.008 min
Response: 3017239
Conc: 19.79 ug/ml



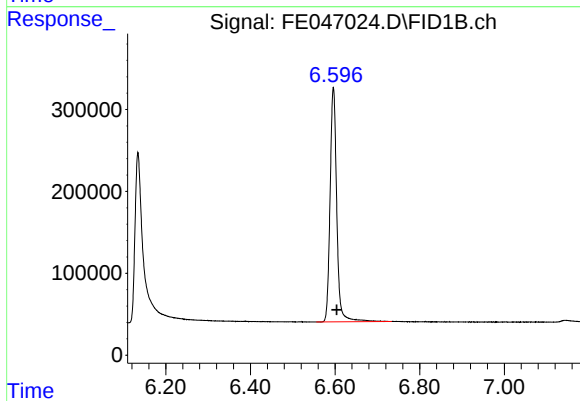
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: -0.008 min
Response: 3106266
Conc: 20.06 ug/ml



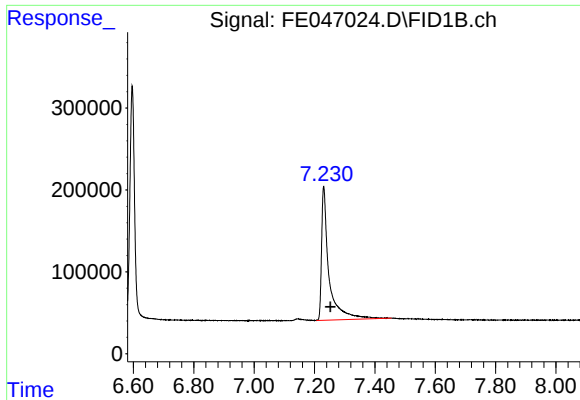
#3 A~Naphthalene (C11.7)

R.T.: 6.134 min
Delta R.T.: -0.017 min
Response: 3056000
Conc: 19.40 ug/ml



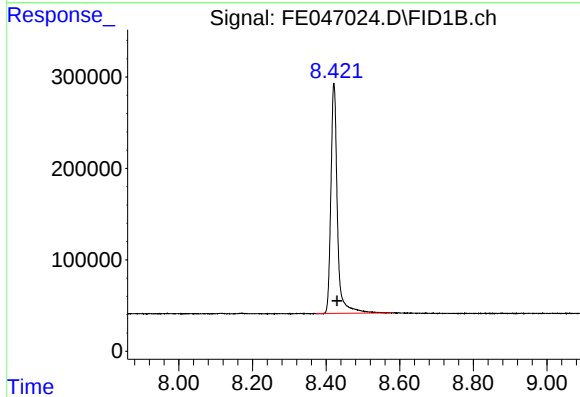
#4 n-Dodecane (C12)

R.T.: 6.596 min
Delta R.T.: -0.008 min
Response: 3131427
Conc: 20.14 ug/ml



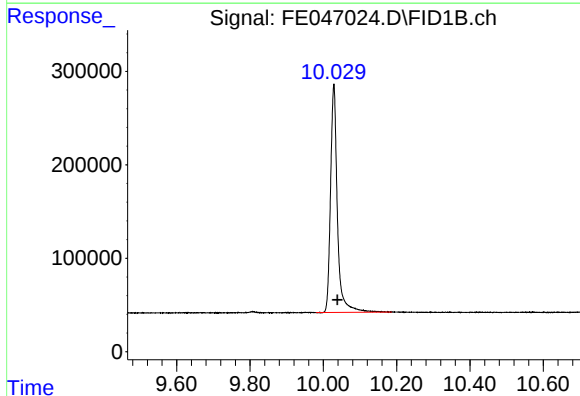
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.231 min
Delta R.T.: -0.022 min
Response: 2784906
Conc: 19.42 ug/ml



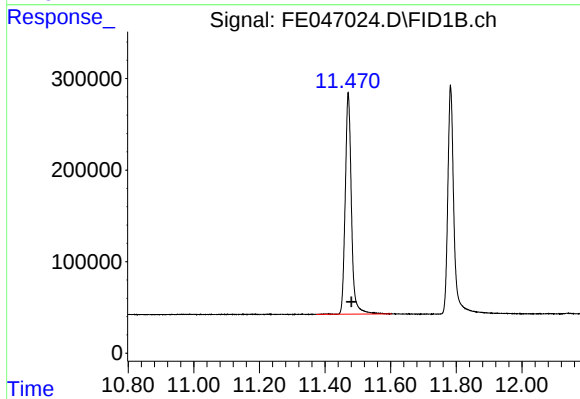
#6 n-Tetradecane (C14)

R.T.: 8.421 min
Delta R.T.: -0.008 min
Response: 3090465
Conc: 20.04 ug/ml



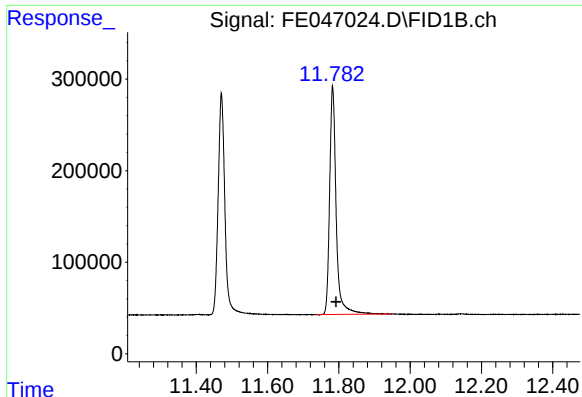
#7 n-Hexadecane (C16)

R.T.: 10.029 min
Delta R.T.: -0.010 min
Response: 3163493
Conc: 19.94 ug/ml



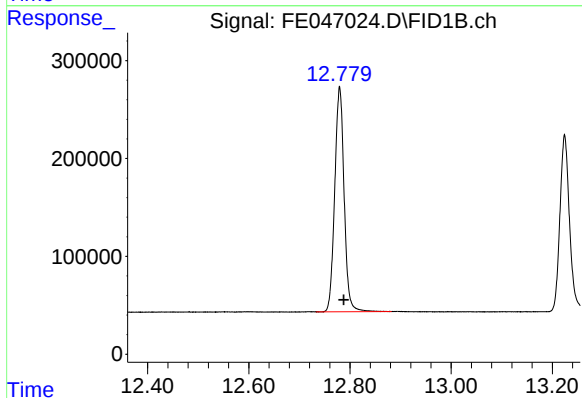
#8 n-Octadecane (C18)

R.T.: 11.471 min
Delta R.T.: -0.009 min
Response: 3162324
Conc: 19.84 ug/ml



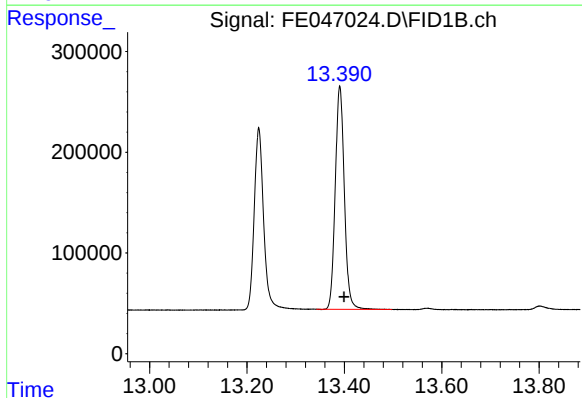
#9 ortho-Terphenyl (SURR)

R.T.: 11.783 min
Delta R.T.: -0.009 min
Response: 3185354
Conc: 19.39 ug/ml



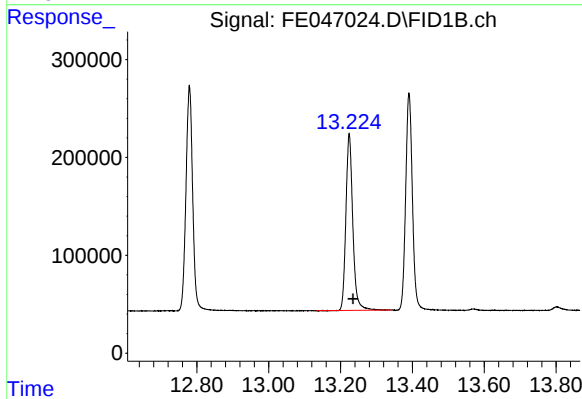
#10 n-Eicosane (C20)

R.T.: 12.780 min
Delta R.T.: -0.008 min
Response: 2961303
Conc: 19.56 ug/ml



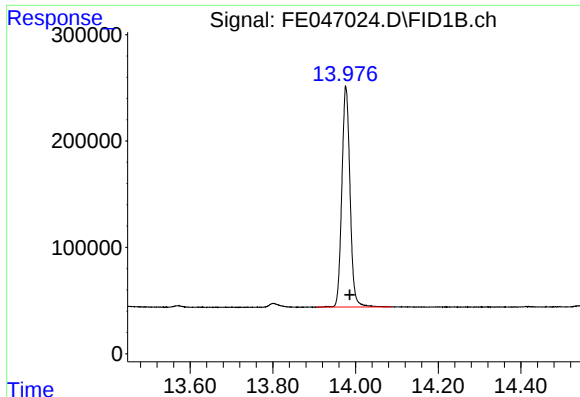
#11 n-Heneicosane (C21)

R.T.: 13.391 min
Delta R.T.: -0.009 min
Response: 2877372
Conc: 19.43 ug/ml



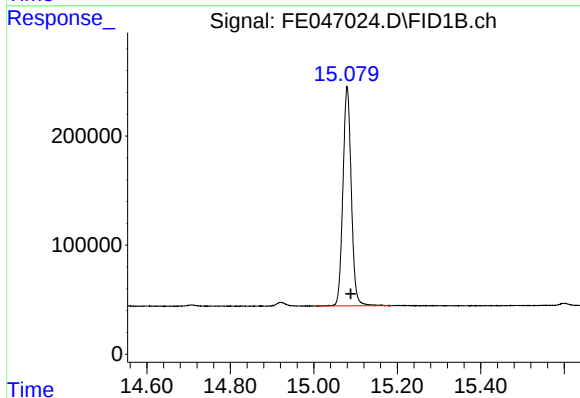
#12 1-chlorooctadecane (SURR)

R.T.: 13.224 min
Delta R.T.: -0.011 min
Response: 2407775
Conc: 19.56 ug/ml



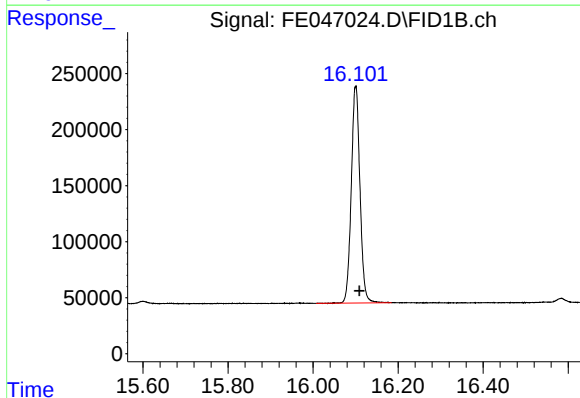
#13 n-Docosane (C22)

R.T.: 13.977 min
Delta R.T.: -0.009 min
Response: 2849040
Conc: 19.58 ug/ml



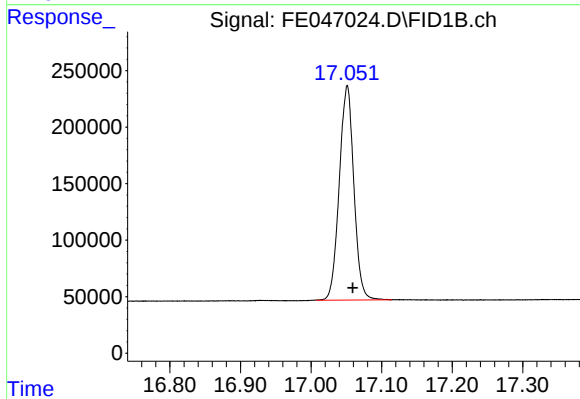
#14 n-Tetracosane (C24)

R.T.: 15.080 min
Delta R.T.: -0.009 min
Response: 2799752
Conc: 19.60 ug/ml



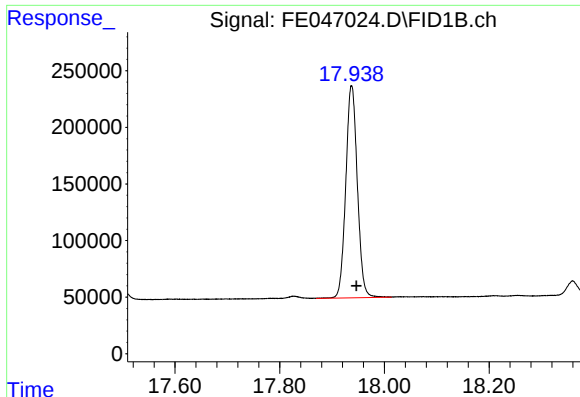
#15 n-Hexacosane (C26)

R.T.: 16.100 min
Delta R.T.: -0.009 min
Response: 2745861
Conc: 19.65 ug/ml



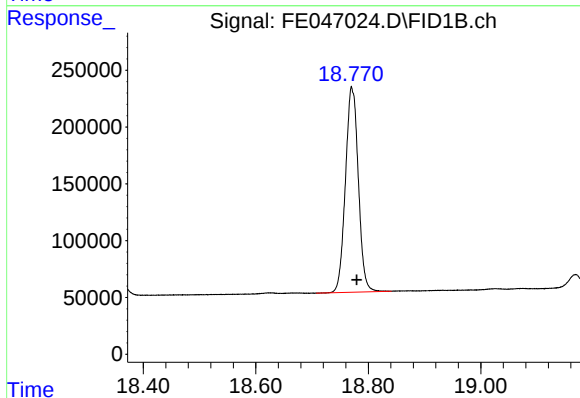
#16 n-Octacosane (C28)

R.T.: 17.051 min
Delta R.T.: -0.008 min
Response: 2725128
Conc: 20.00 ug/ml m



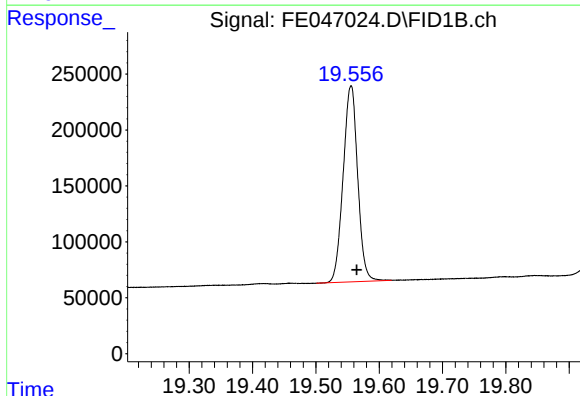
#17 n-Tricontane (C30)

R.T.: 17.937 min
Delta R.T.: -0.009 min
Response: 2872859
Conc: 20.59 ug/ml



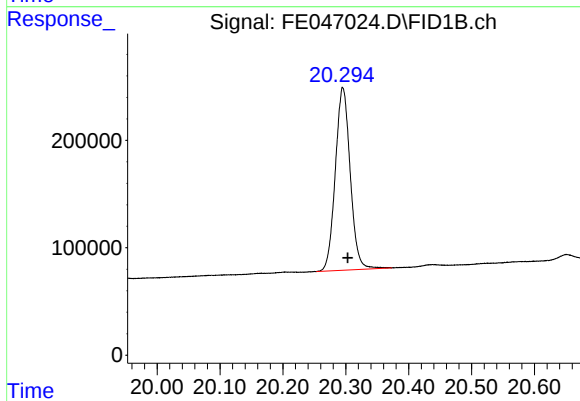
#18 n-Dotriacontane (C32)

R.T.: 18.771 min
Delta R.T.: -0.009 min
Response: 2867890
Conc: 20.84 ug/ml



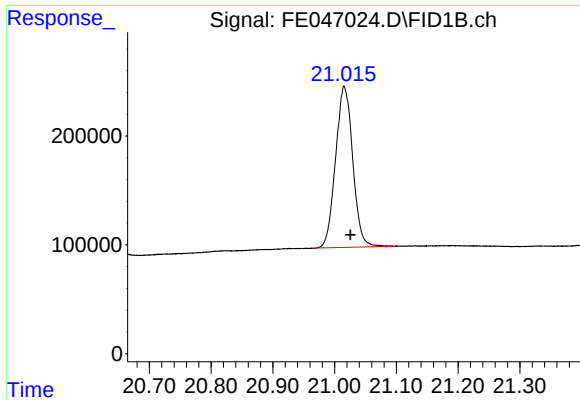
#19 n-Tetratriacontane (C34)

R.T.: 19.556 min
Delta R.T.: -0.009 min
Response: 2795927
Conc: 20.81 ug/ml



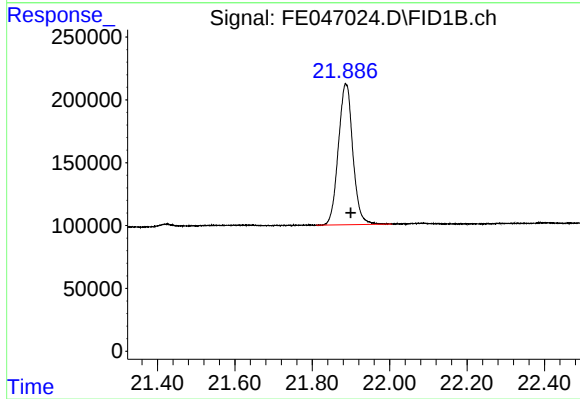
#20 n-Hexatriacontane (C36)

R.T.: 20.295 min
Delta R.T.: -0.008 min
Response: 2801417
Conc: 21.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.015 min
Delta R.T.: -0.010 min
Response: 2858180
Conc: 20.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.886 min
Delta R.T.: -0.014 min
Response: 2912593
Conc: 20.64 ug/ml