

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050224AL\
 Data File : FE047946.D
 Signal(s) : FID1B.ch
 Acq On : 03 May 2024 00:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 03 01:29:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.969	2982501	20.674 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
12) S 1-chlorooctadecane (S...	13.402	2313207	20.701 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
Target Compounds			
1) T n-Nonane (C9)	3.350	2734750	21.219 ug/ml
2) T n-Decane (C10)	4.602	2790989	21.199 ug/ml
3) T A~Naphthalene (C11.7)	6.310	2911492	21.085 ug/ml
4) T n-Dodecane (C12)	6.768	2802391	21.021 ug/ml
5) T A~2-methylnaphthalene...	7.405	2785068	20.929 ug/ml
6) T n-Tetradecane (C14)	8.596	2764840	20.863 ug/ml
7) T n-Hexadecane (C16)	10.204	2856726	20.771 ug/ml
8) T n-Octadecane (C18)	11.647	2889754	20.745 ug/ml
10) T n-Eicosane (C20)	12.956	2779796	20.646 ug/ml
11) T n-Heneicosane (C21)	13.568	2736518	20.673 ug/ml
13) T n-Docosane (C22)	14.154	2726312	20.573 ug/ml
14) T n-Tetracosane (C24)	15.257	2717548	20.409 ug/ml
15) T n-Hexacosane (C26)	16.276	2696935	20.210 ug/ml
16) T n-Octacosane (C28)	17.226	2684593	20.163 ug/ml
17) T n-Tricontane (C30)	18.111	2778178	20.130 ug/ml
18) T n-Dotriacontane (C32)	18.944	2801566	20.283 ug/ml
19) T n-Tetratriacontane (C34)	19.727	2778688	20.398 ug/ml
20) T n-Hexatriacontane (C36)	20.467	2775105	20.496 ug/ml
21) T n-Octatriacontane (C38)	21.209	2786814	20.184 ug/ml
22) T n-Tetracontane (C40)	22.132	2767845	19.867 ug/ml

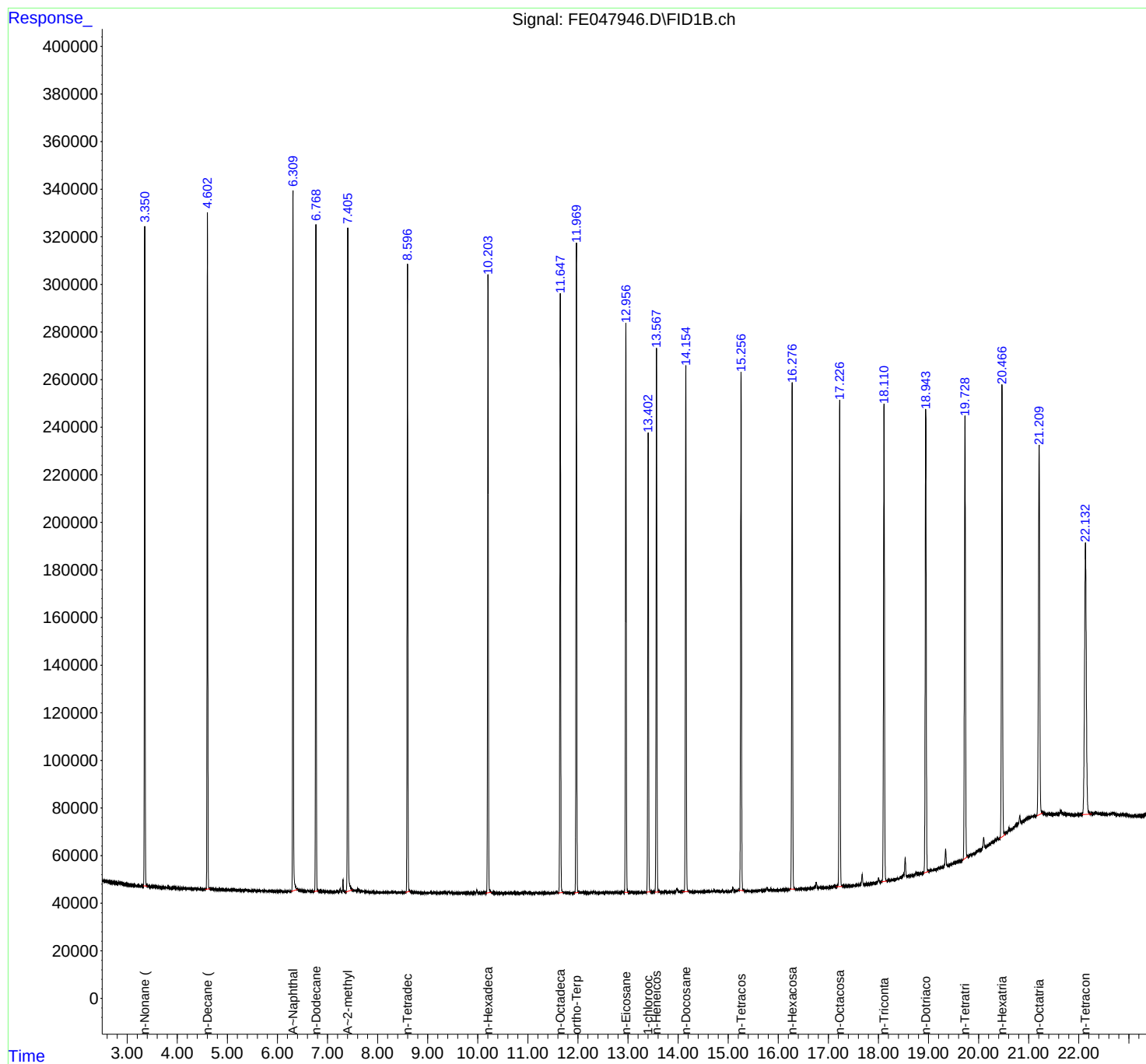
(f)=RT Delta > 1/2 Window

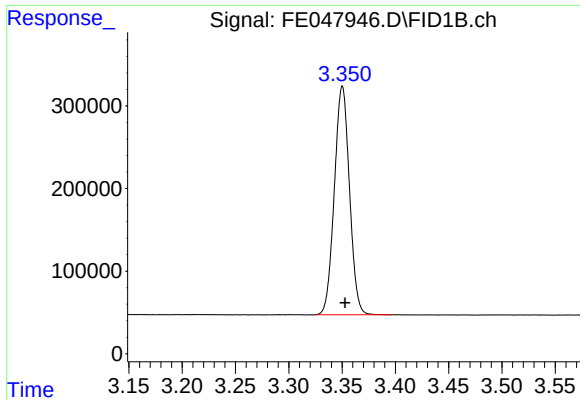
(m)=manual int.

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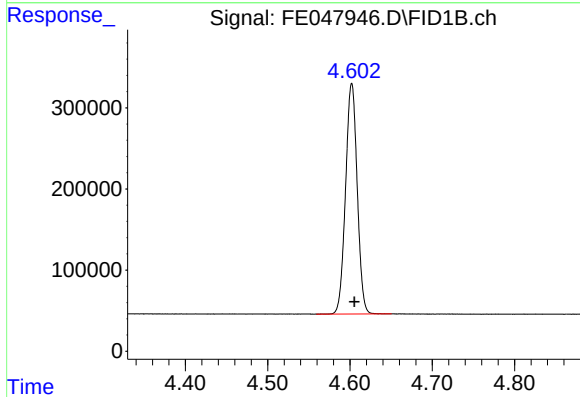
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Signal Info : 20M x 0.18mm x 0.18um





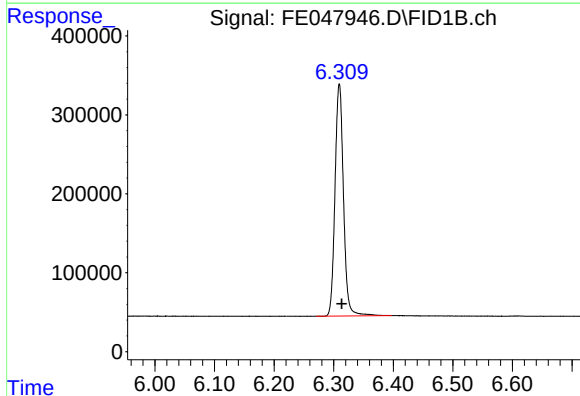
#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: -0.003 min
Response: 2734750
Conc: 21.22 ug/ml



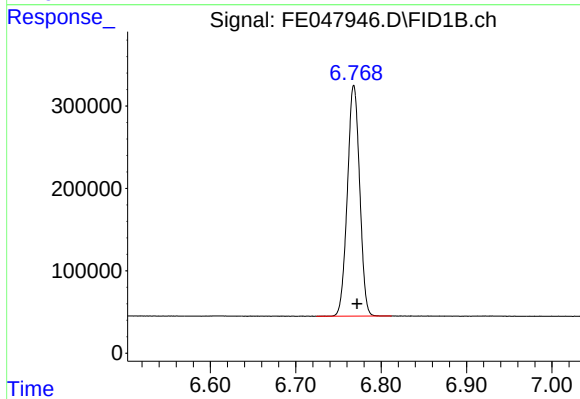
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.003 min
Response: 2790989
Conc: 21.20 ug/ml



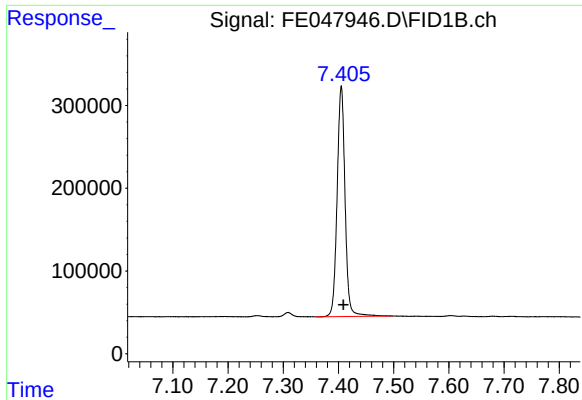
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: -0.004 min
Response: 2911492
Conc: 21.09 ug/ml



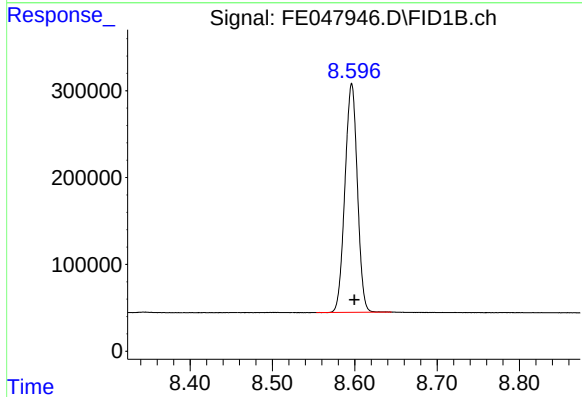
#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: -0.004 min
Response: 2802391
Conc: 21.02 ug/ml



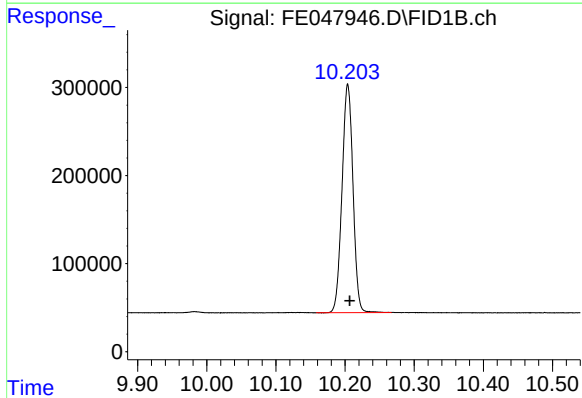
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.405 min
Delta R.T.: -0.004 min
Response: 2785068
Conc: 20.93 ug/ml



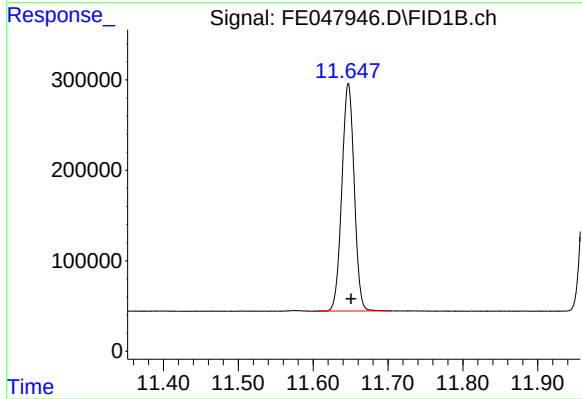
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.003 min
Response: 2764840
Conc: 20.86 ug/ml



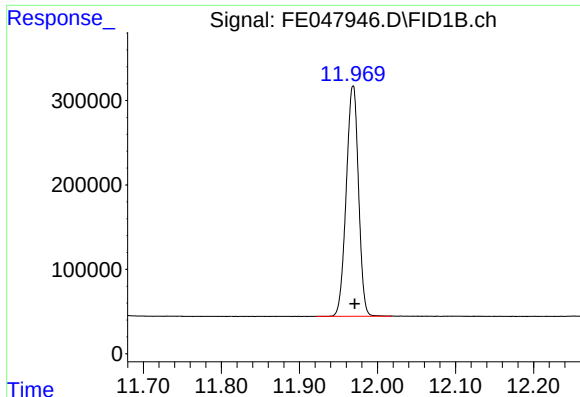
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.003 min
Response: 2856726
Conc: 20.77 ug/ml



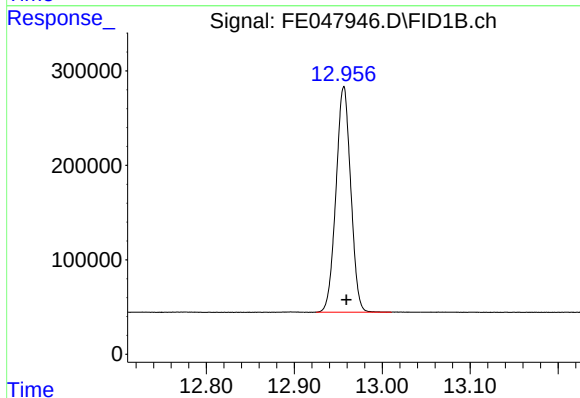
#8 n-Octadecane (C18)

R.T.: 11.647 min
Delta R.T.: -0.003 min
Response: 2889754
Conc: 20.75 ug/ml



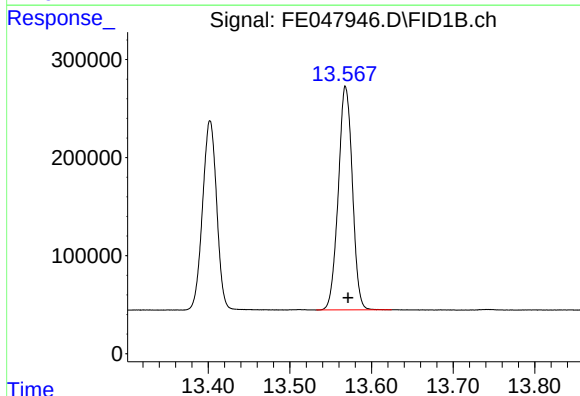
#9 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: -0.002 min
Response: 2982501
Conc: 20.67 ug/ml



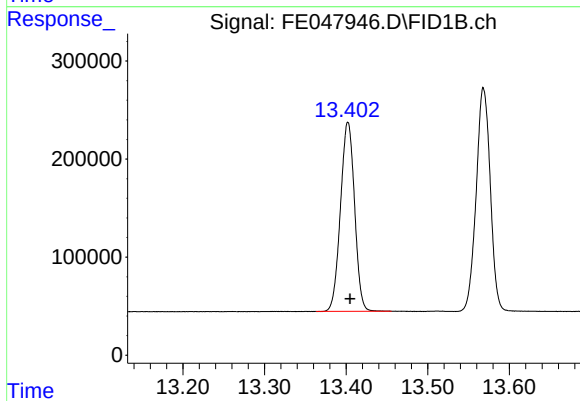
#10 n-Eicosane (C20)

R.T.: 12.956 min
Delta R.T.: -0.003 min
Response: 2779796
Conc: 20.65 ug/ml



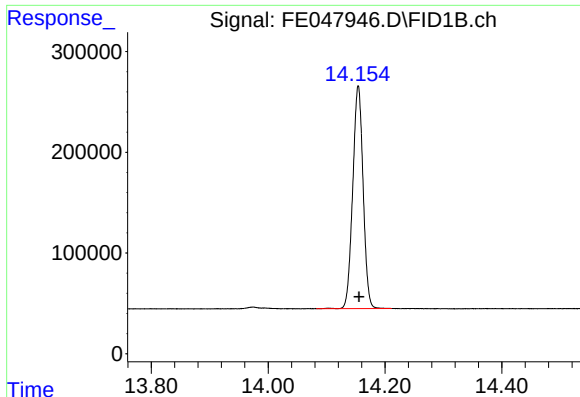
#11 n-Heneicosane (C21)

R.T.: 13.568 min
Delta R.T.: -0.003 min
Response: 2736518
Conc: 20.67 ug/ml



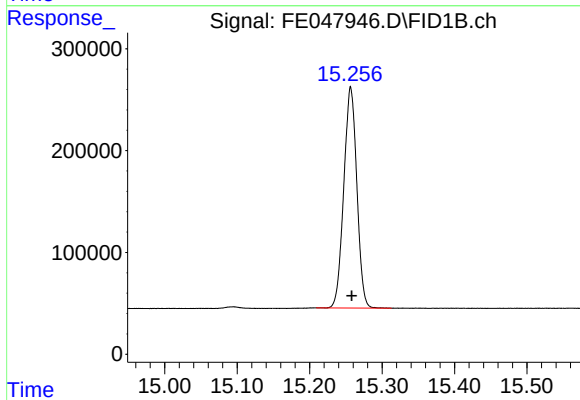
#12 1-chlorooctadecane (SURR)

R.T.: 13.402 min
Delta R.T.: -0.003 min
Response: 2313207
Conc: 20.70 ug/ml



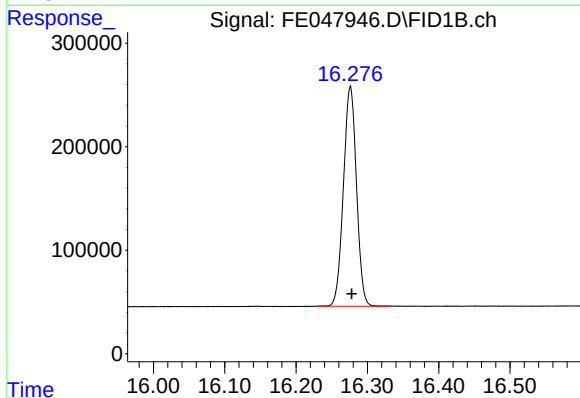
#13 n-Docosane (C22)

R.T.: 14.154 min
Delta R.T.: -0.001 min
Response: 2726312
Conc: 20.57 ug/ml



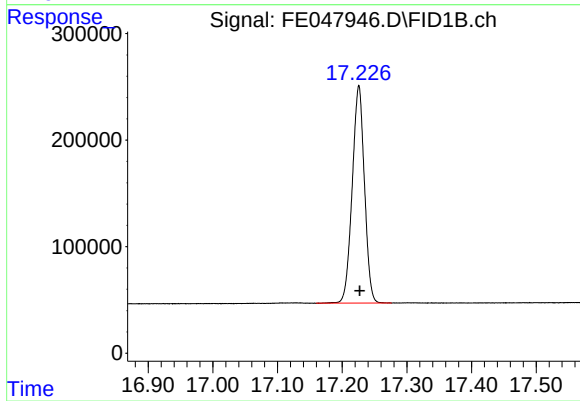
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: -0.001 min
Response: 2717548
Conc: 20.41 ug/ml



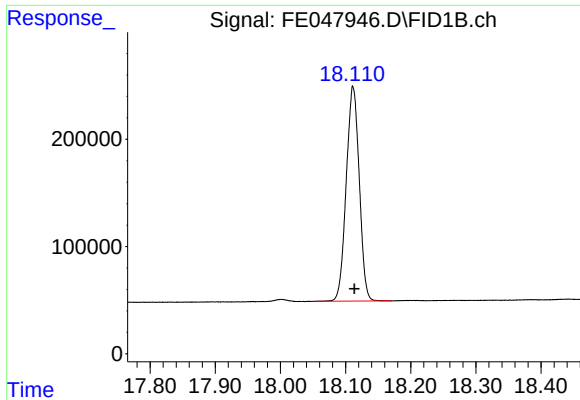
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: -0.002 min
Response: 2696935
Conc: 20.21 ug/ml



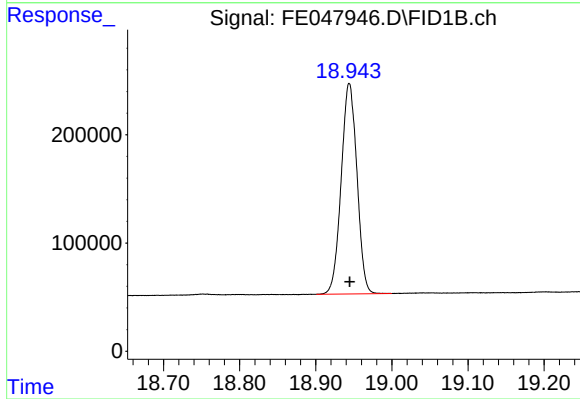
#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.001 min
Response: 2684593
Conc: 20.16 ug/ml



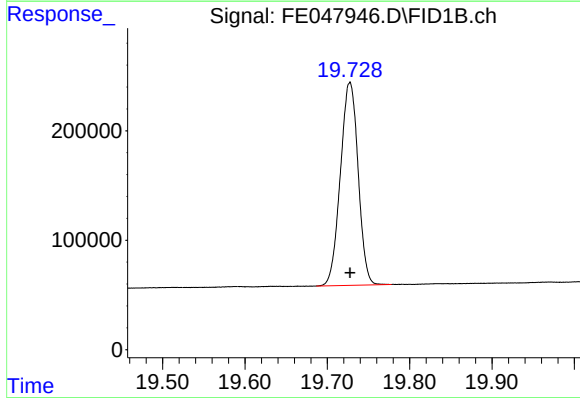
#17 n-Tricontane (C30)

R.T.: 18.111 min
Delta R.T.: -0.002 min
Response: 2778178
Conc: 20.13 ug/ml



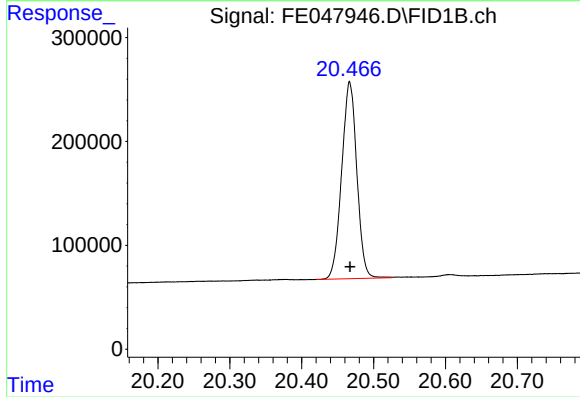
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: 0.000 min
Response: 2801566
Conc: 20.28 ug/ml



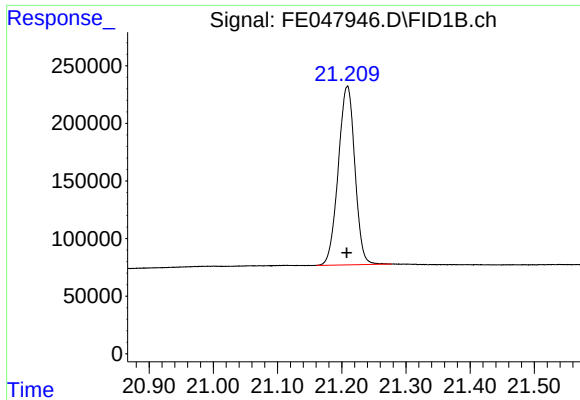
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: 0.000 min
Response: 2778688
Conc: 20.40 ug/ml



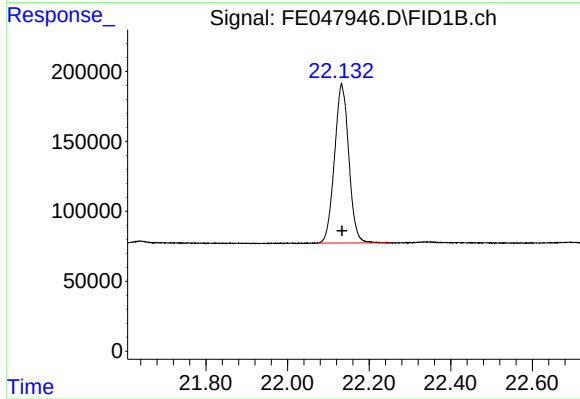
#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: 0.000 min
Response: 2775105
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.001 min
Response: 2786814
Conc: 20.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.002 min
Response: 2767845
Conc: 19.87 ug/ml