

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041624AL\
 Data File : FE047658.D
 Signal(s) : FID1B.ch
 Acq On : 16 Apr 2024 20:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 17 01:21:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.981	3145878	18.138 ug/ml
Spiked Amount 50.000		Recovery =	36.28%
12) S 1-chlorooctadecane (S...	13.414	2445949	18.186 ug/ml
Spiked Amount 50.000		Recovery =	36.37%
Target Compounds			
1) T n-Nonane (C9)	3.360	2910229	18.602 ug/ml
2) T n-Decane (C10)	4.612	2985750	18.578 ug/ml
3) T A~Naphthalene (C11.7)	6.321	3113134	18.361 ug/ml
4) T n-Dodecane (C12)	6.779	2983134	18.379 ug/ml
5) T A~2-methylnaphthalene...	7.417	2993153	18.226 ug/ml
6) T n-Tetradecane (C14)	8.607	2955424	18.371 ug/ml
7) T n-Hexadecane (C16)	10.215	3036687	18.285 ug/ml
8) T n-Octadecane (C18)	11.659	3059411	18.244 ug/ml
10) T n-Eicosane (C20)	12.969	2943400	18.169 ug/ml
11) T n-Heneicosane (C21)	13.580	2891867	18.225 ug/ml
13) T n-Docosane (C22)	14.167	2901878	18.082 ug/ml
14) T n-Tetracosane (C24)	15.270	2960352	17.935 ug/ml
15) T n-Hexacosane (C26)	16.290	2947747	17.833 ug/ml
16) T n-Octacosane (C28)	17.239	2983075	18.001 ug/ml
17) T n-Tricontane (C30)	18.124	3144544	18.522 ug/ml
18) T n-Dotriacontane (C32)	18.958	3162549	18.966 ug/ml
19) T n-Tetratriacontane (C34)	19.740	3057006	19.060 ug/ml
20) T n-Hexatriacontane (C36)	20.479	3047645	19.108 ug/ml
21) T n-Octatriacontane (C38)	21.223	3007112	18.503 ug/ml
22) T n-Tetracontane (C40)	22.155	2967570	18.125 ug/ml

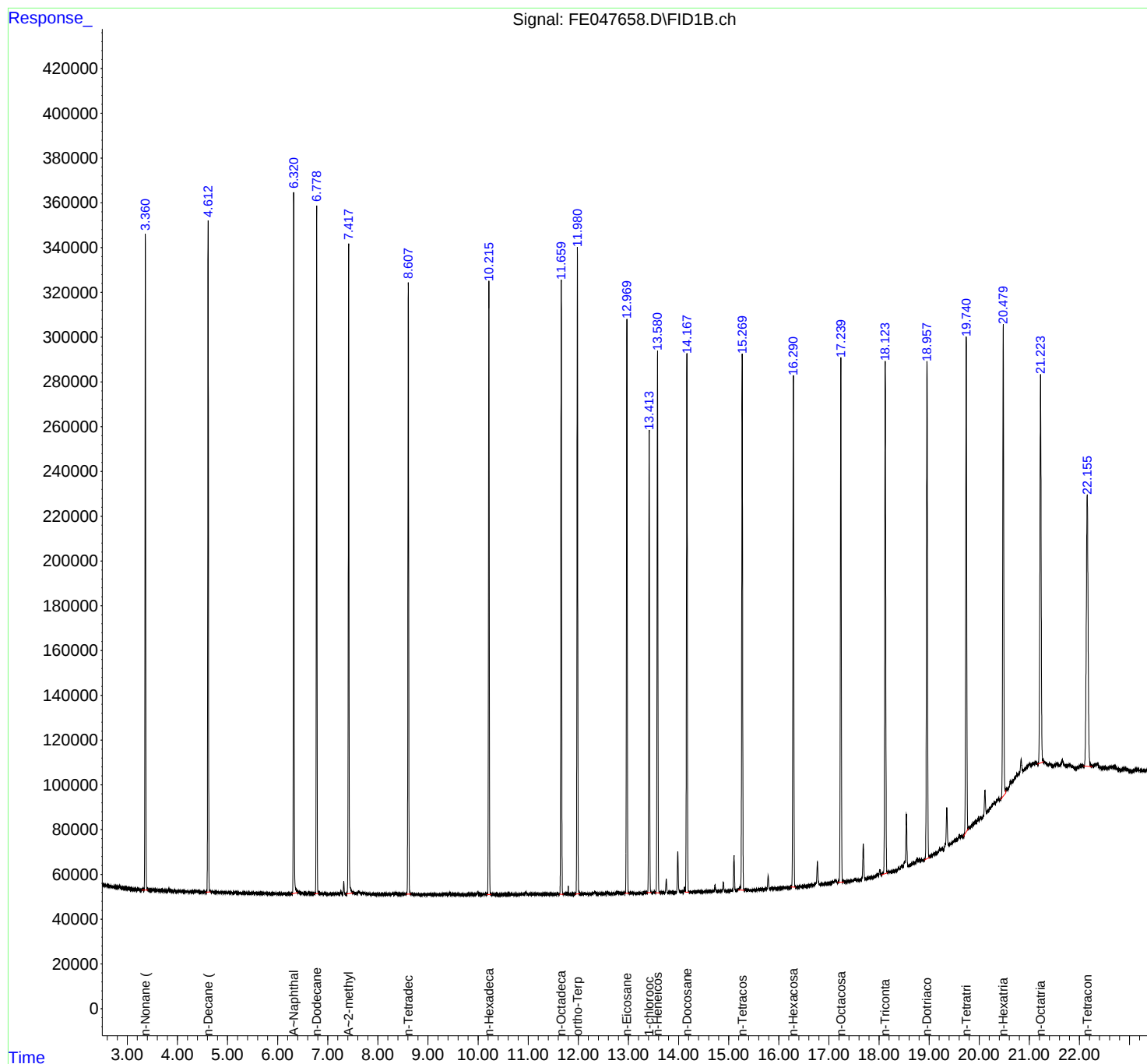
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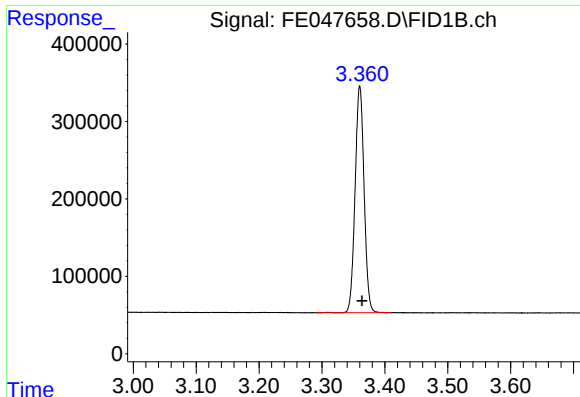
(m)=manual int.

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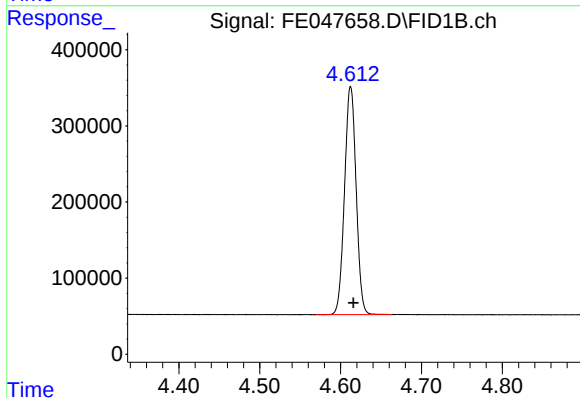
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





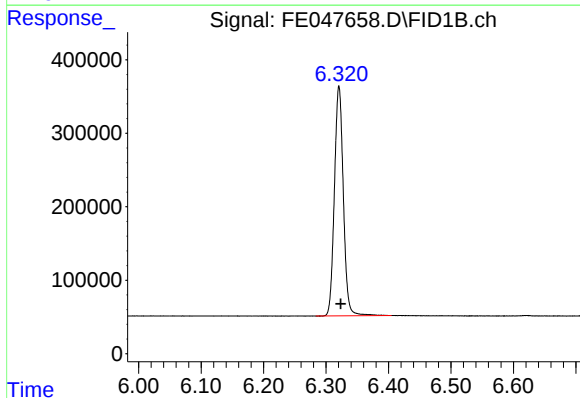
#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: -0.004 min
Response: 2910229
Conc: 18.60 ug/ml



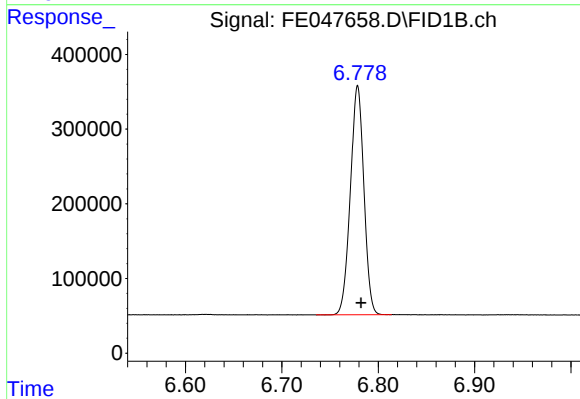
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.004 min
Response: 2985750
Conc: 18.58 ug/ml



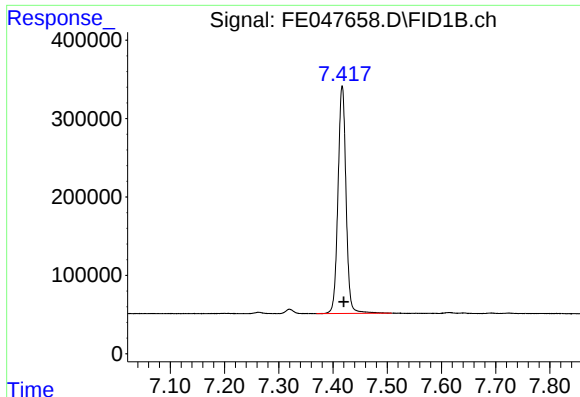
#3 A~Naphthalene (C11.7)

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 3113134
Conc: 18.36 ug/ml



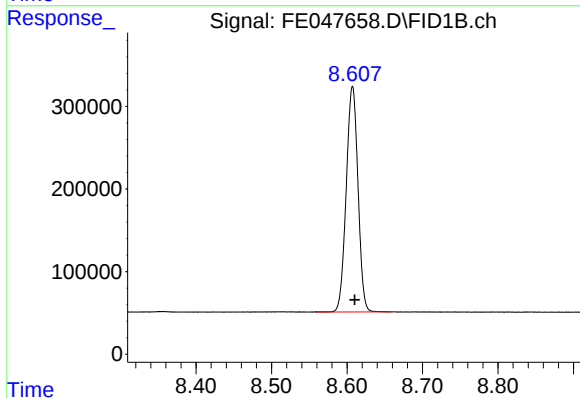
#4 n-Dodecane (C12)

R.T.: 6.779 min
Delta R.T.: -0.003 min
Response: 2983134
Conc: 18.38 ug/ml



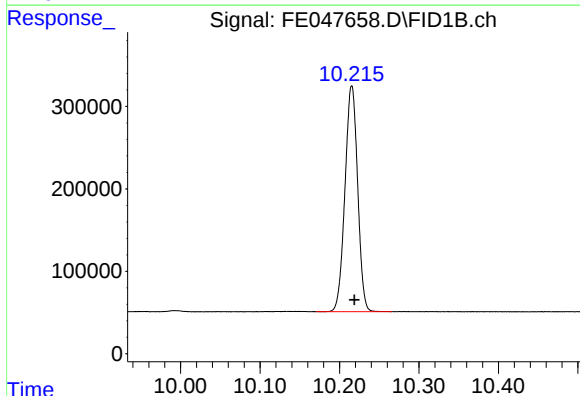
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.417 min
Delta R.T.: -0.003 min
Response: 2993153
Conc: 18.23 ug/ml



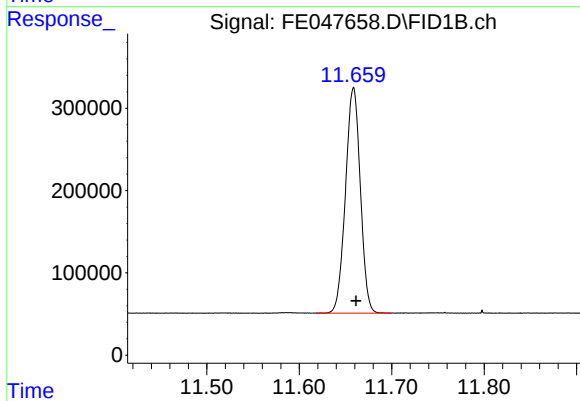
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: -0.003 min
Response: 2955424
Conc: 18.37 ug/ml



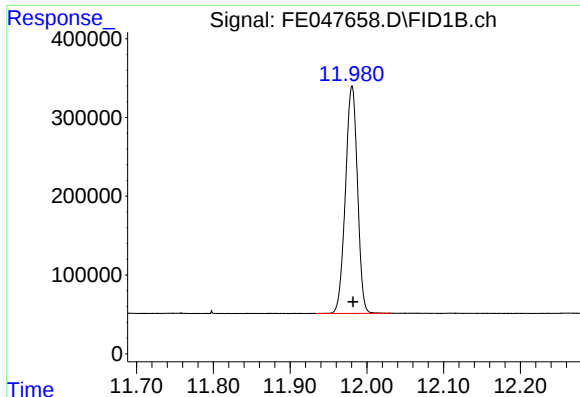
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: -0.003 min
Response: 3036687
Conc: 18.28 ug/ml



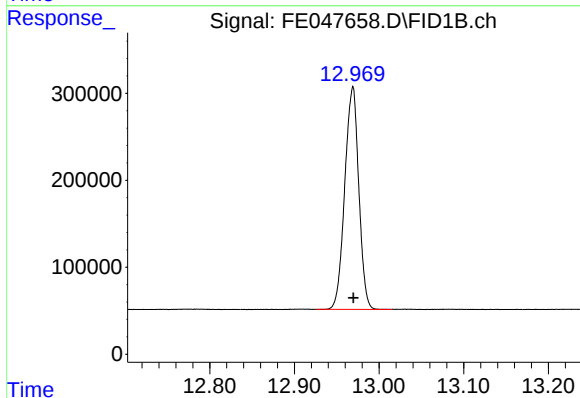
#8 n-Octadecane (C18)

R.T.: 11.659 min
Delta R.T.: -0.003 min
Response: 3059411
Conc: 18.24 ug/ml



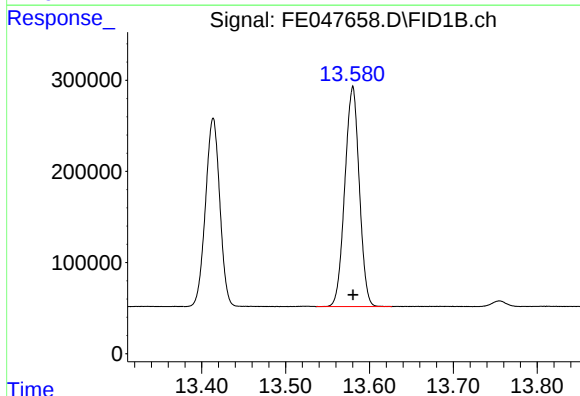
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: -0.001 min
Response: 3145878
Conc: 18.14 ug/ml



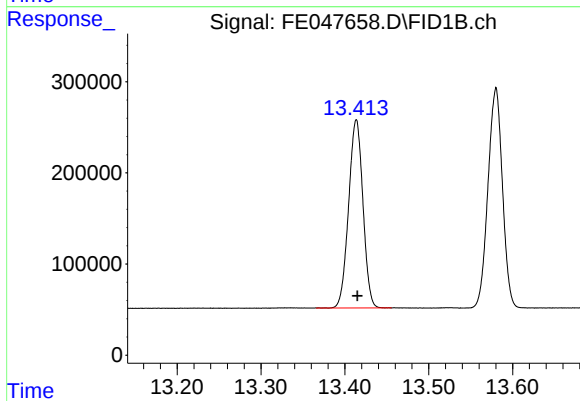
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 2943400
Conc: 18.17 ug/ml



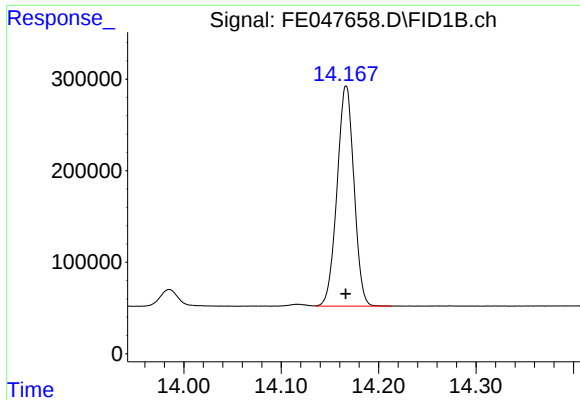
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: 0.000 min
Response: 2891867
Conc: 18.23 ug/ml



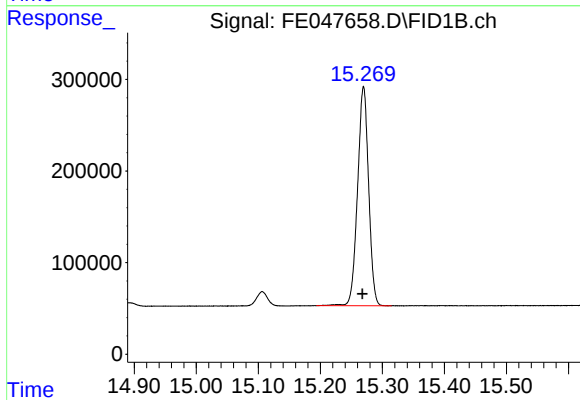
#12 1-chlorooctadecane (SURR)

R.T.: 13.414 min
Delta R.T.: -0.001 min
Response: 2445949
Conc: 18.19 ug/ml



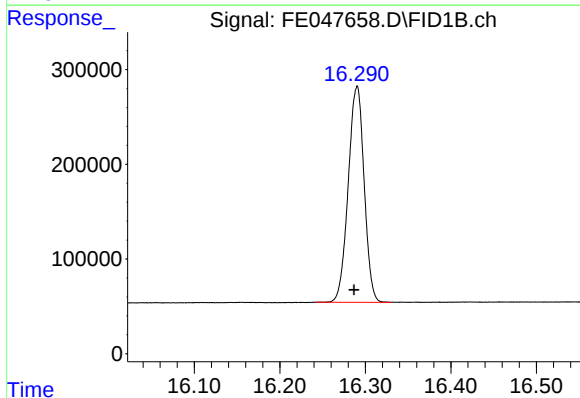
#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: 0.000 min
Response: 2901878
Conc: 18.08 ug/ml



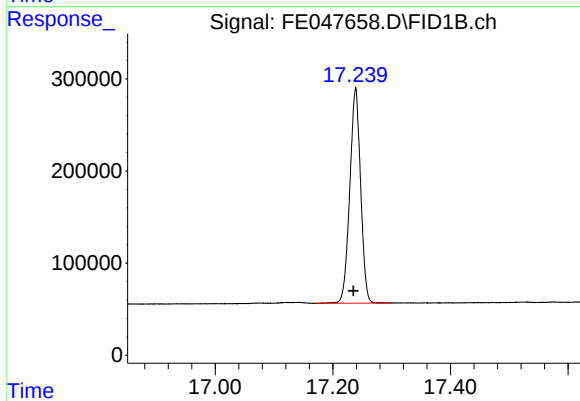
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: 0.002 min
Response: 2960352
Conc: 17.93 ug/ml



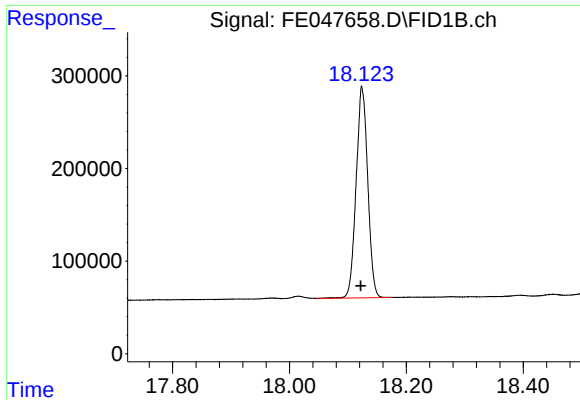
#15 n-Hexacosane (C26)

R.T.: 16.290 min
Delta R.T.: 0.003 min
Response: 2947747
Conc: 17.83 ug/ml



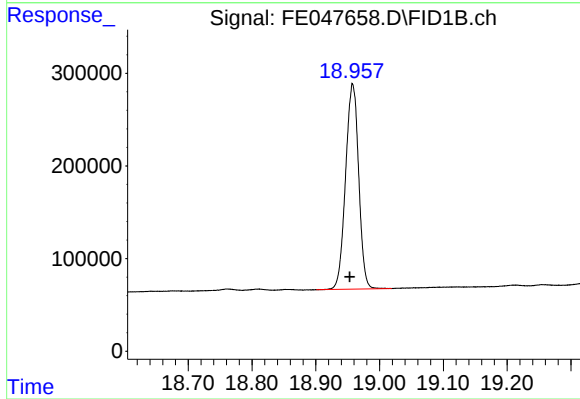
#16 n-Octacosane (C28)

R.T.: 17.239 min
Delta R.T.: 0.004 min
Response: 2983075
Conc: 18.00 ug/ml



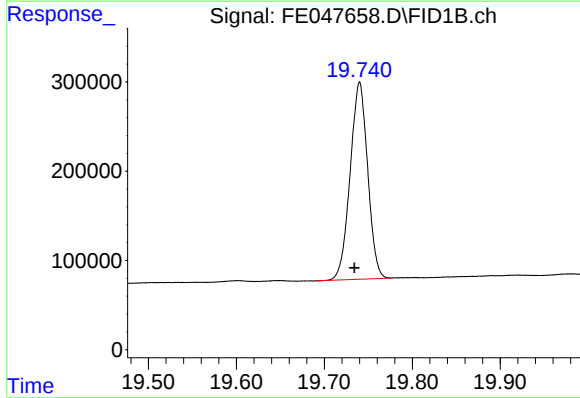
#17 n-Tricontane (C30)

R.T.: 18.124 min
Delta R.T.: 0.002 min
Response: 3144544
Conc: 18.52 ug/ml



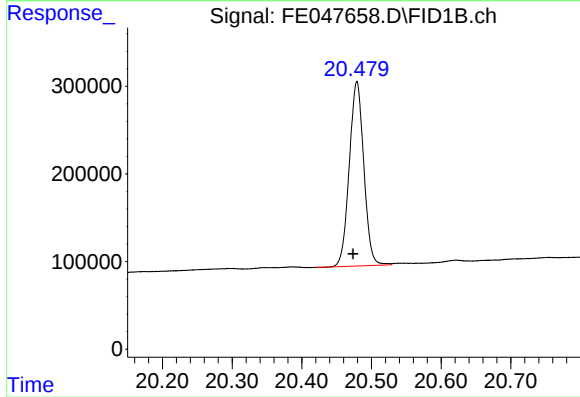
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.004 min
Response: 3162549
Conc: 18.97 ug/ml



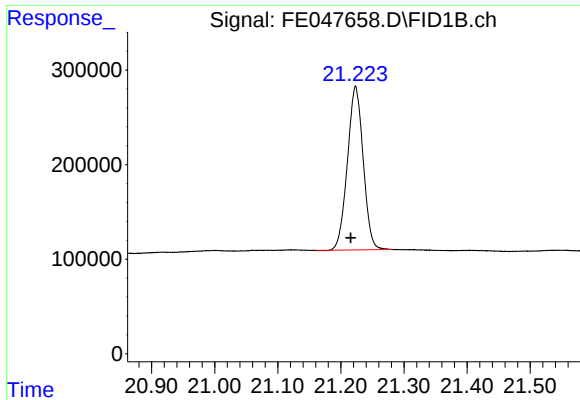
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.006 min
Response: 3057006
Conc: 19.06 ug/ml



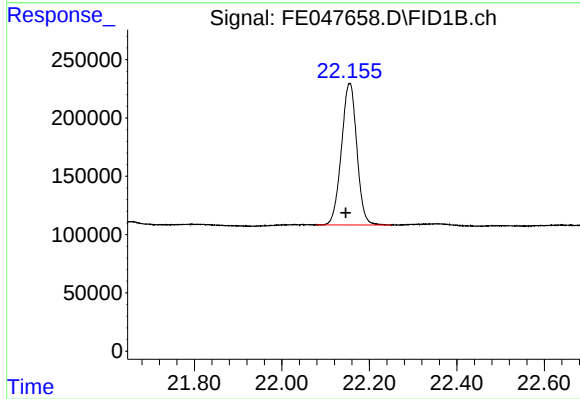
#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.005 min
Response: 3047645
Conc: 19.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: 0.008 min
Response: 3007112
Conc: 18.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: 0.009 min
Response: 2967570
Conc: 18.13 ug/ml