

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012924AL\
 Data File : FE046456.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jan 2024 20:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 30 01:01:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.820	3529907	19.090 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
12) S 1-chlorooctadecane (S...	13.263	2667870	18.751 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
Target Compounds			
1) T n-Nonane (C9)	3.209	3230792	20.002 ug/ml
2) T n-Decane (C10)	4.459	3326404	20.297 ug/ml
3) T A~Naphthalene (C11.7)	6.163	3463561	20.255 ug/ml
4) T n-Dodecane (C12)	6.626	3348153	20.241 ug/ml
5) T A~2-methylnaphthalene...	7.260	3248334	20.367 ug/ml
6) T n-Tetradecane (C14)	8.453	3272227	19.965 ug/ml
7) T n-Hexadecane (C16)	10.062	3357199	19.647 ug/ml
8) T n-Octadecane (C18)	11.507	3371316	19.338 ug/ml
10) T n-Eicosane (C20)	12.817	3212606	18.921 ug/ml
11) T n-Heneicosane (C21)	13.430	3136378	18.804 ug/ml
13) T n-Docosane (C22)	14.017	3106343	18.751 ug/ml
14) T n-Tetracosane (C24)	15.122	3054479	18.512 ug/ml
15) T n-Hexacosane (C26)	16.144	2983487	18.485 ug/ml
16) T n-Octacosane (C28)	17.096	2917784	18.587 ug/ml
17) T n-Tricontane (C30)	17.985	2943157	18.790 ug/ml
18) T n-Dotriacontane (C32)	18.819	2859786	18.919 ug/ml
19) T n-Tetratriacontane (C34)	19.604	2710451	19.110 ug/ml
20) T n-Hexatriacontane (C36)	20.347	2513460	18.235 ug/ml
21) T n-Octatriacontane (C38)	21.076	2457186	19.168 ug/ml
22) T n-Tetracontane (C40)	21.968	2404884	19.233 ug/ml

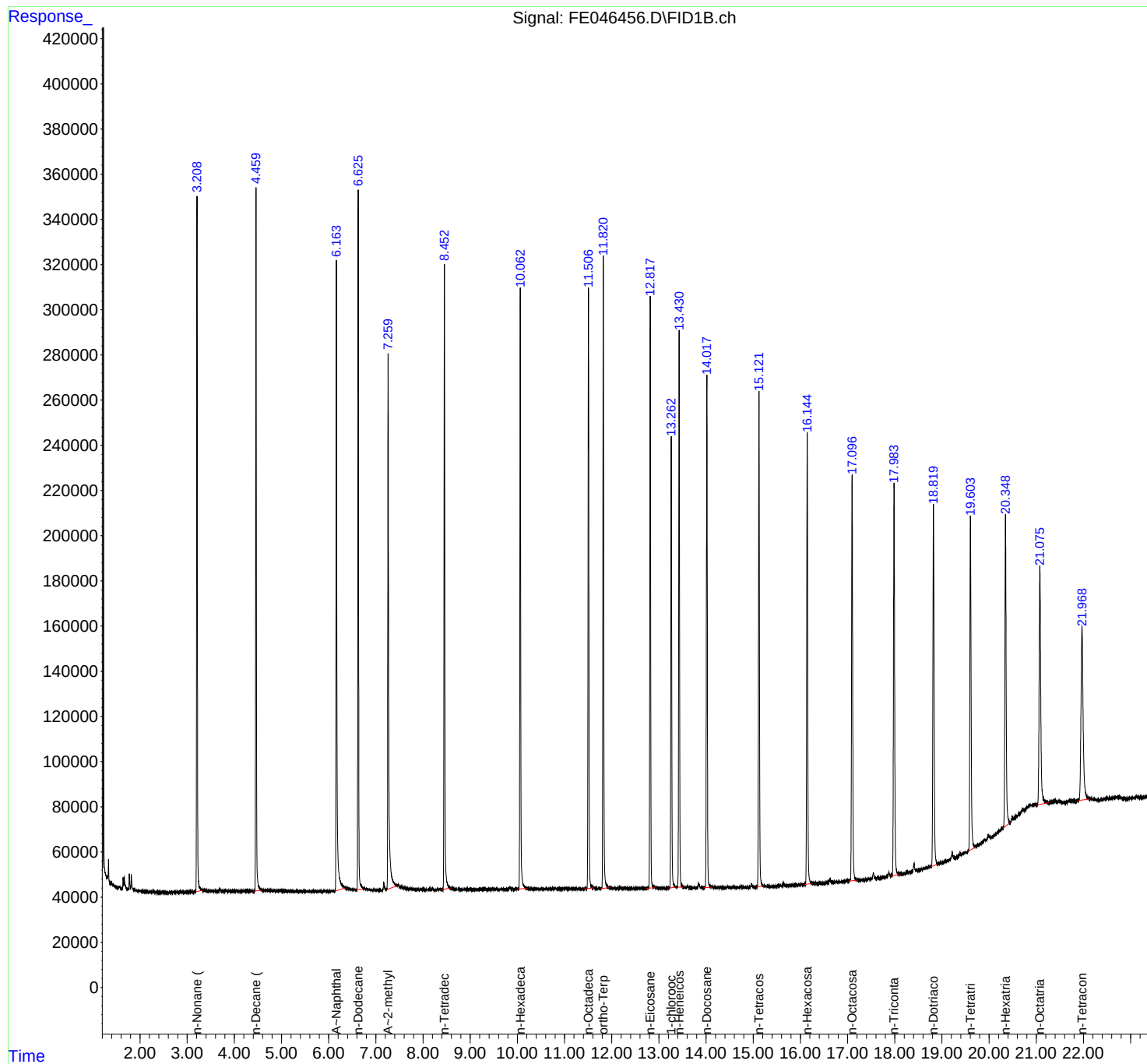
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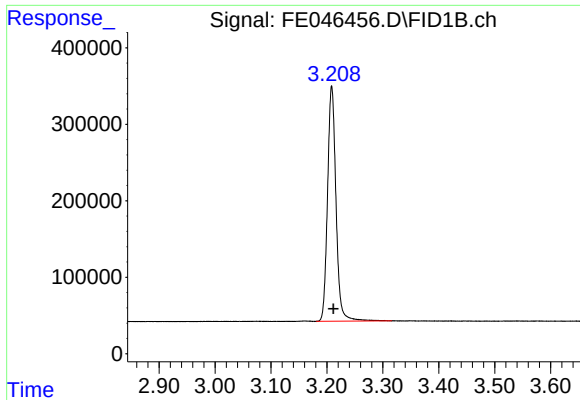
(m)=manual int.

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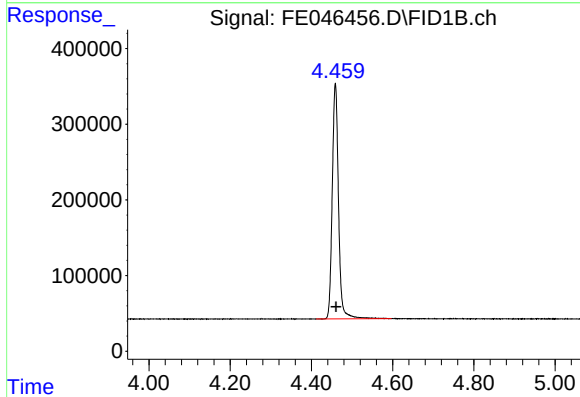
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Signal Info : 20M x 0.18mm x 0.18um





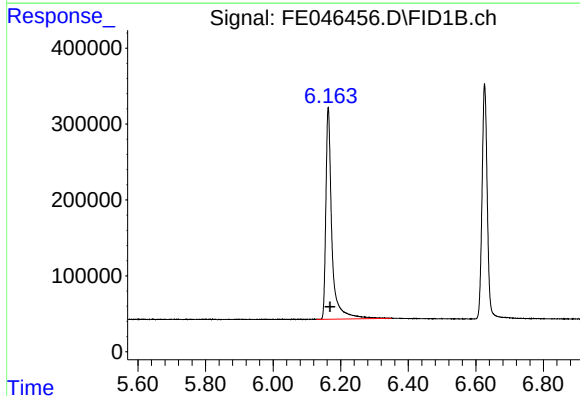
#1 n-Nonane (C9)

R.T.: 3.209 min
Delta R.T.: -0.003 min
Response: 3230792
Conc: 20.00 ug/ml



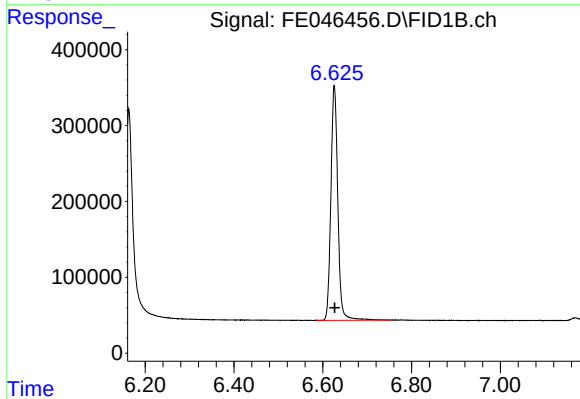
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: -0.002 min
Response: 3326404
Conc: 20.30 ug/ml



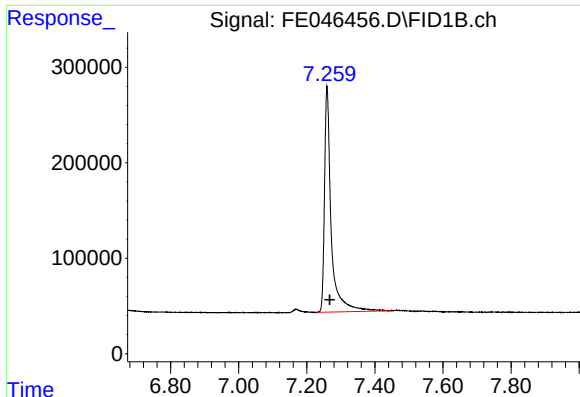
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.006 min
Response: 3463561
Conc: 20.25 ug/ml



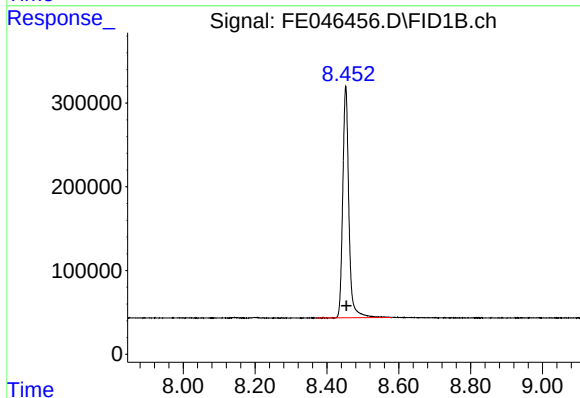
#4 n-Dodecane (C12)

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 3348153
Conc: 20.24 ug/ml



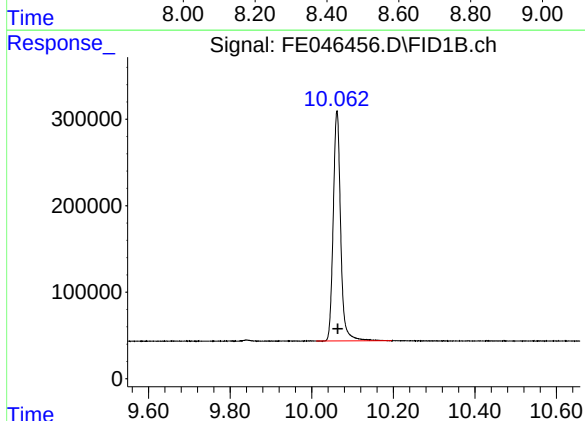
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: -0.008 min
Response: 3248334
Conc: 20.37 ug/ml



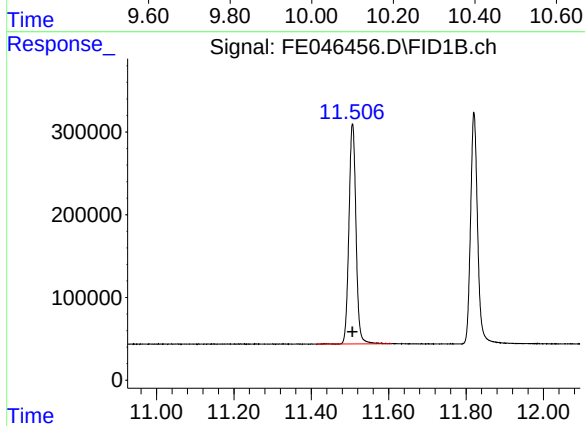
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.002 min
Response: 3272227
Conc: 19.97 ug/ml



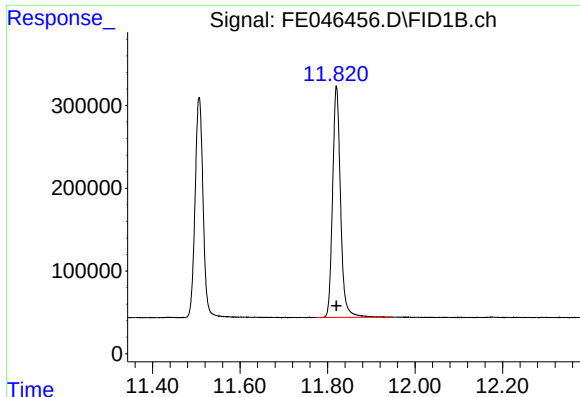
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.002 min
Response: 3357199
Conc: 19.65 ug/ml



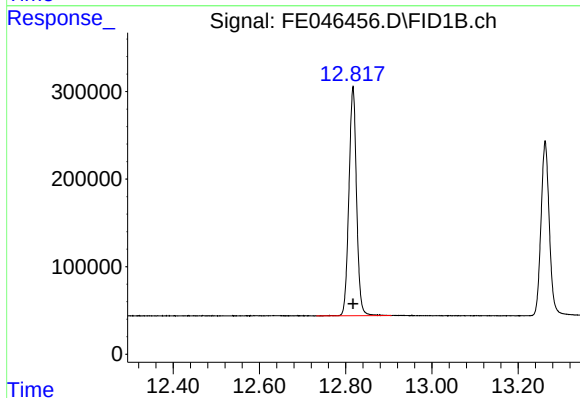
#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: 0.000 min
Response: 3371316
Conc: 19.34 ug/ml



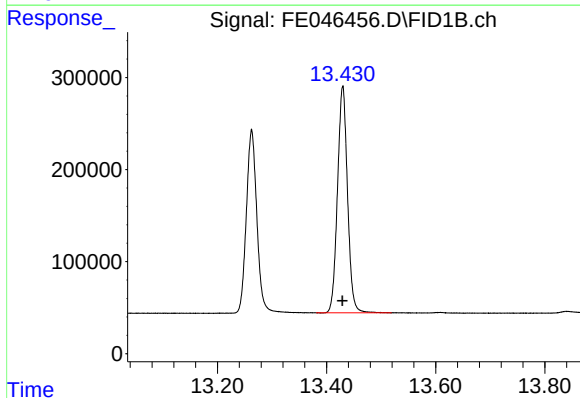
#9 ortho-Terphenyl (SURR)

R.T.: 11.820 min
Delta R.T.: 0.000 min
Response: 3529907
Conc: 19.09 ug/ml



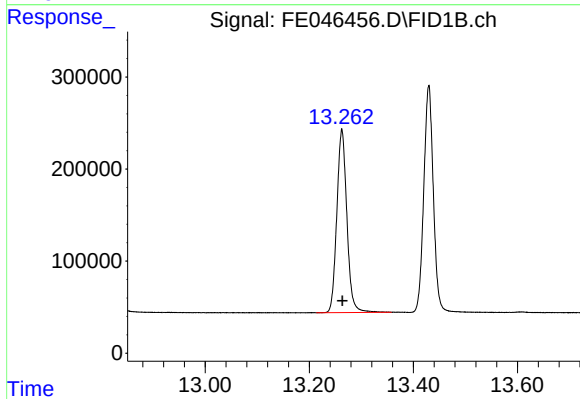
#10 n-Eicosane (C20)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 3212606
Conc: 18.92 ug/ml



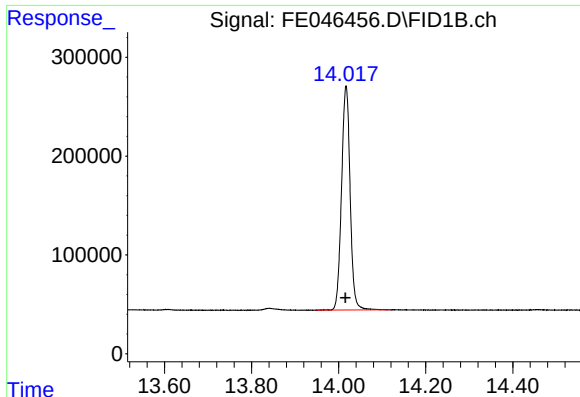
#11 n-Heneicosane (C21)

R.T.: 13.430 min
Delta R.T.: 0.000 min
Response: 3136378
Conc: 18.80 ug/ml



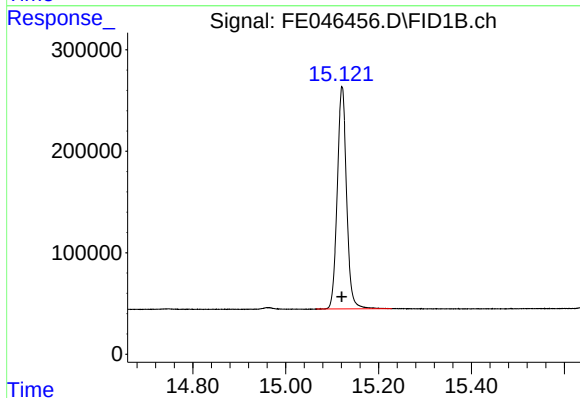
#12 1-chlorooctadecane (SURR)

R.T.: 13.263 min
Delta R.T.: 0.000 min
Response: 2667870
Conc: 18.75 ug/ml



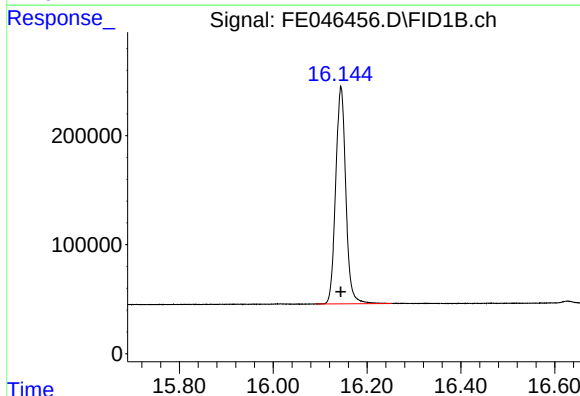
#13 n-Docosane (C22)

R.T.: 14.017 min
Delta R.T.: 0.001 min
Response: 3106343
Conc: 18.75 ug/ml



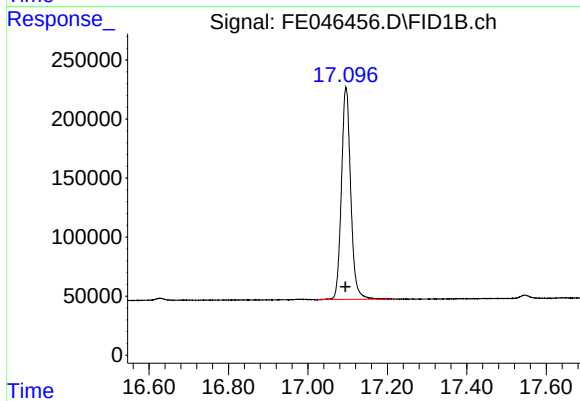
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: 0.000 min
Response: 3054479
Conc: 18.51 ug/ml



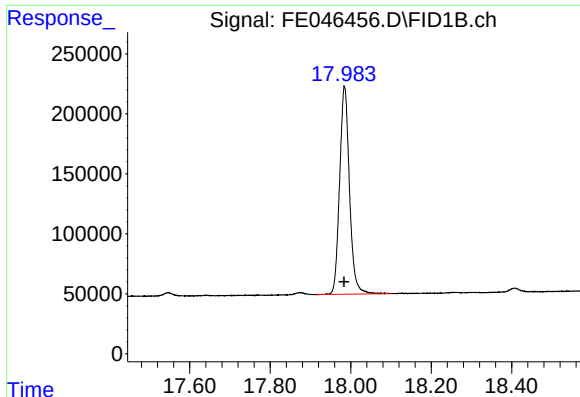
#15 n-Hexacosane (C26)

R.T.: 16.144 min
Delta R.T.: 0.000 min
Response: 2983487
Conc: 18.48 ug/ml



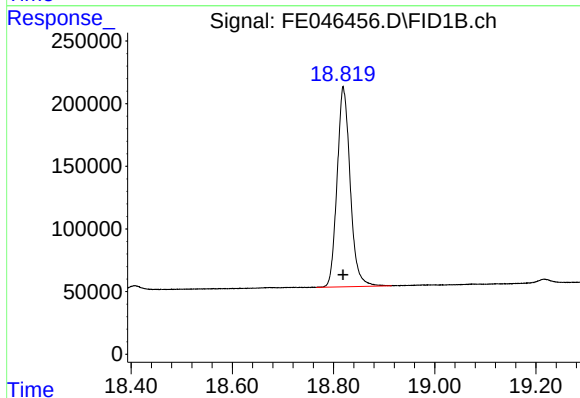
#16 n-Octacosane (C28)

R.T.: 17.096 min
Delta R.T.: 0.001 min
Response: 2917784
Conc: 18.59 ug/ml



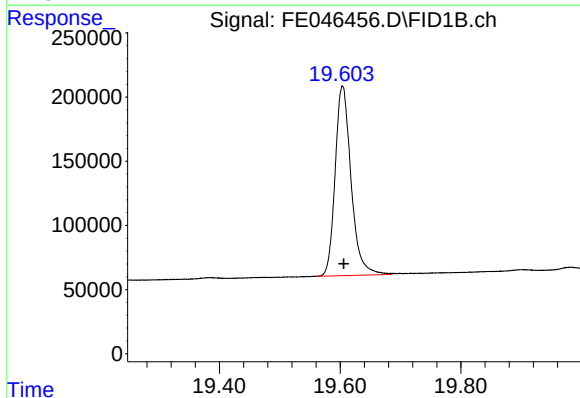
#17 n-Tricontane (C30)

R.T.: 17.985 min
Delta R.T.: 0.000 min
Response: 2943157
Conc: 18.79 ug/ml



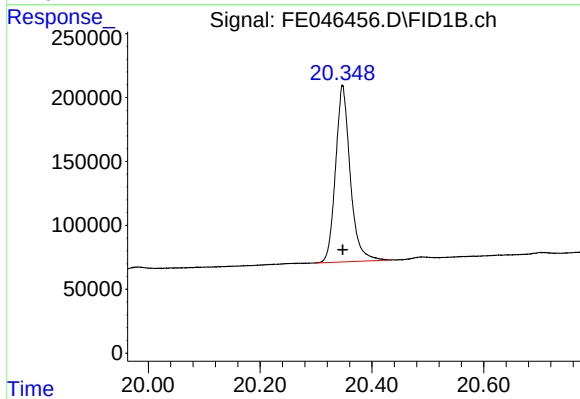
#18 n-Dotriacontane (C32)

R.T.: 18.819 min
Delta R.T.: 0.000 min
Response: 2859786
Conc: 18.92 ug/ml



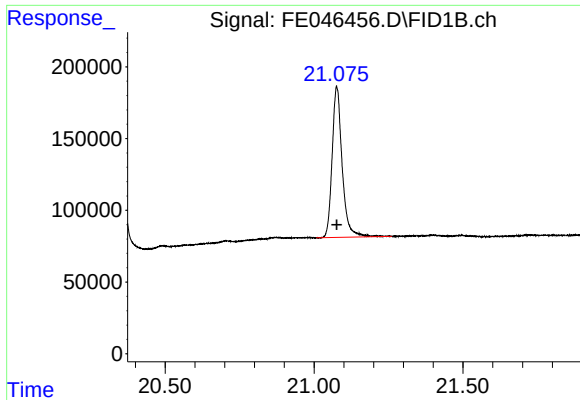
#19 n-Tetratriacontane (C34)

R.T.: 19.604 min
Delta R.T.: -0.002 min
Response: 2710451
Conc: 19.11 ug/ml



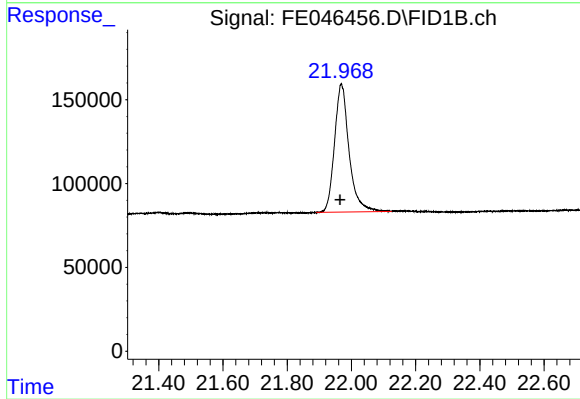
#20 n-Hexatriacontane (C36)

R.T.: 20.347 min
Delta R.T.: 0.000 min
Response: 2513460
Conc: 18.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: 0.000 min
Response: 2457186
Conc: 19.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: 0.004 min
Response: 2404884
Conc: 19.23 ug/ml