

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020224AL\
 Data File : FE046556.D
 Signal(s) : FID1B.ch
 Acq On : 03 Feb 2024 02:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 05 05:07:01 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)	11.816	3440634	18.607 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
12) S 1-chlorooctadecane (S...	13.257	2631487	18.496 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
Target Compounds			
1) T n-Nonane (C9)	3.205	3127957	19.365 ug/ml
2) T n-Decane (C10)	4.455	3269967	19.953 ug/ml
3) T A~Naphthalene (C11.7)	6.159	3370685	19.712 ug/ml
4) T n-Dodecane (C12)	6.622	3299260	19.946 ug/ml
5) T A~2-methylnaphthalene...	7.255	3228169	20.240 ug/ml
6) T n-Tetradecane (C14)	8.448	3255351	19.862 ug/ml
7) T n-Hexadecane (C16)	10.057	3332886	19.504 ug/ml
8) T n-Octadecane (C18)	11.501	3329593	19.098 ug/ml
10) T n-Eicosane (C20)	12.811	3165805	18.646 ug/ml
11) T n-Heneicosane (C21)	13.424	3094272	18.552 ug/ml
13) T n-Docosane (C22)	14.010	3059986	18.471 ug/ml
14) T n-Tetracosane (C24)	15.116	2991183	18.128 ug/ml
15) T n-Hexacosane (C26)	16.138	2898824	17.960 ug/ml
16) T n-Octacosane (C28)	17.088	2850016	18.155 ug/ml
17) T n-Tricontane (C30)	17.980	2889781	18.449 ug/ml
18) T n-Dotriacontane (C32)	18.814	2783785	18.416 ug/ml
19) T n-Tetratriacontane (C34)	19.598	2607872	18.387 ug/ml
20) T n-Hexatriacontane (C36)	20.340	2414031	17.513 ug/ml
21) T n-Octatriacontane (C38)	21.067	2397928	18.705 ug/ml
22) T n-Tetracontane (C40)	21.955	2413627	19.303 ug/ml

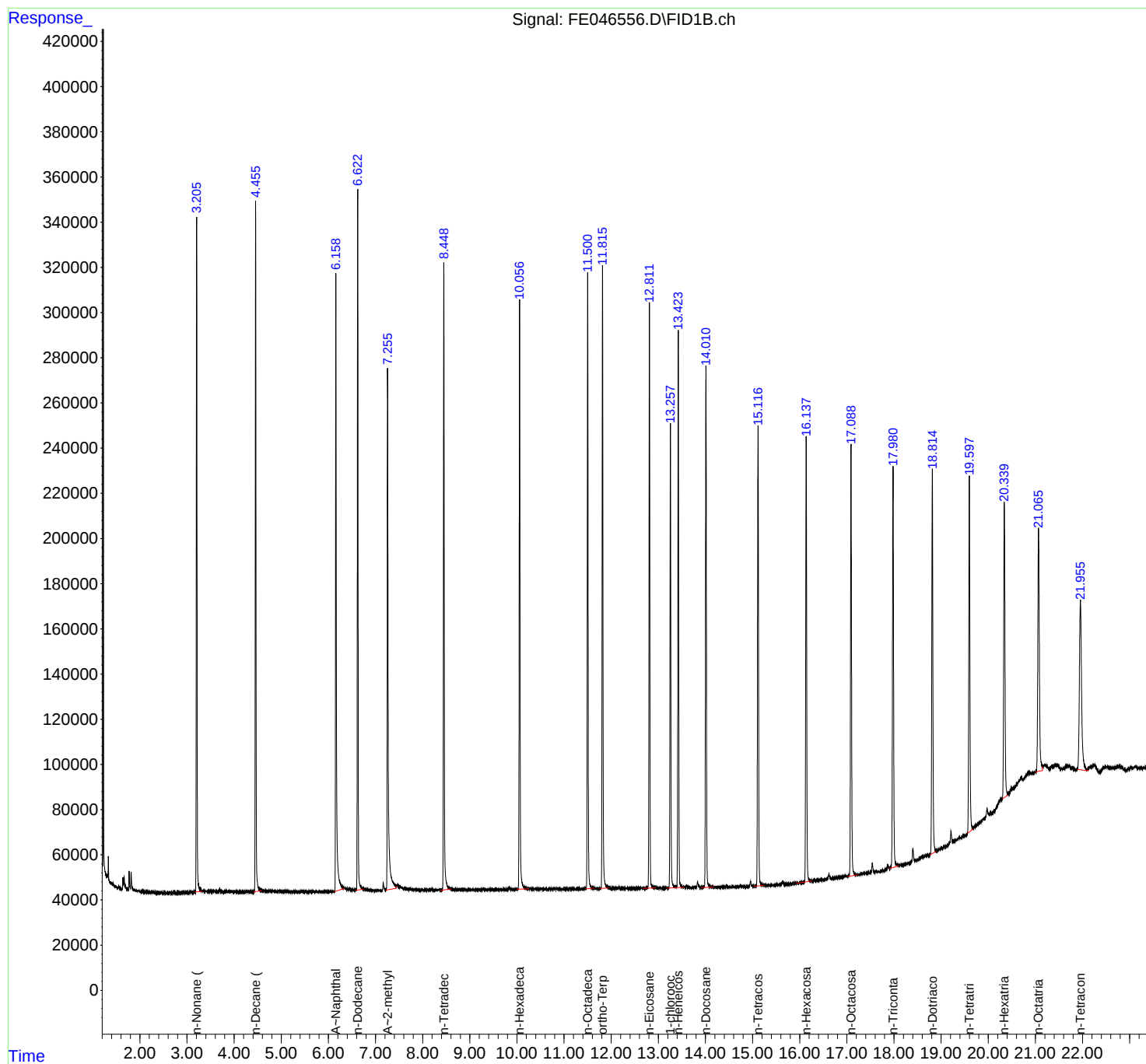
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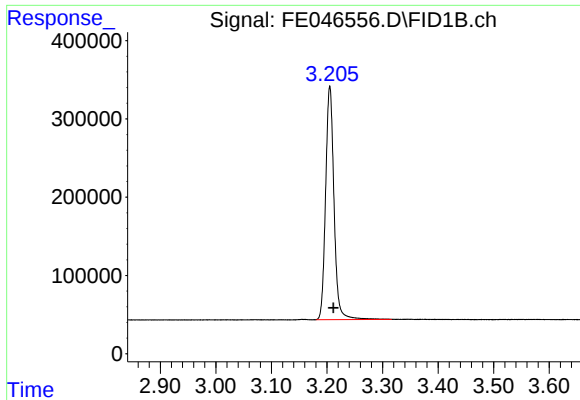
(m)=manual int.

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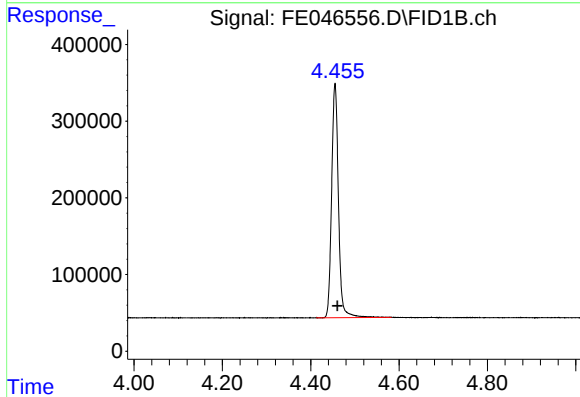
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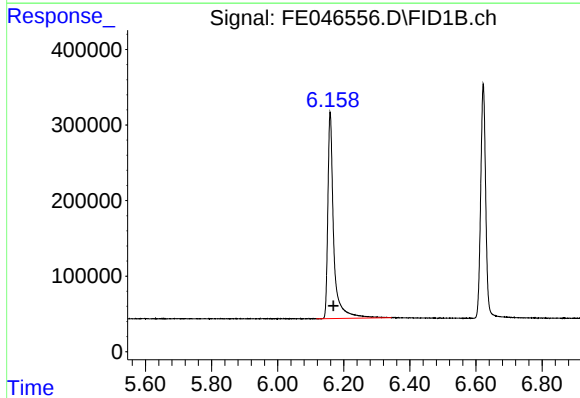
#1 n-Nonane (C9)

R.T.: 3.205 min
Delta R.T.: -0.007 min
Response: 3127957
Conc: 19.36 ug/ml



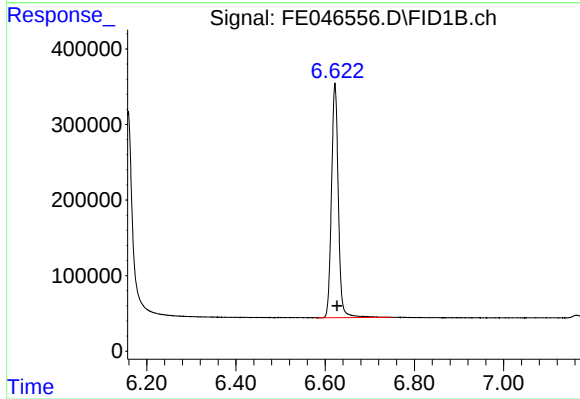
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: -0.006 min
Response: 3269967
Conc: 19.95 ug/ml



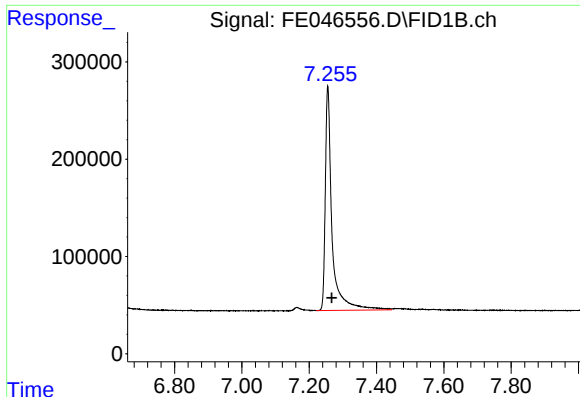
#3 A~Naphthalene (C11.7)

R.T.: 6.159 min
Delta R.T.: -0.010 min
Response: 3370685
Conc: 19.71 ug/ml



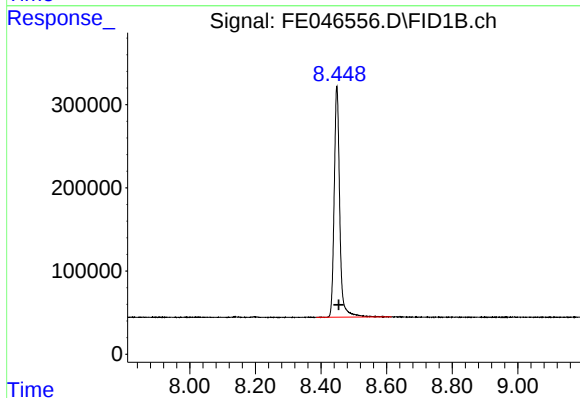
#4 n-Dodecane (C12)

R.T.: 6.622 min
Delta R.T.: -0.005 min
Response: 3299260
Conc: 19.95 ug/ml



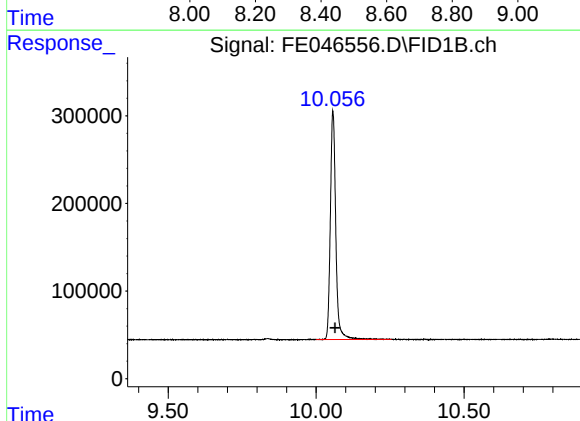
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: -0.012 min
Response: 3228169
Conc: 20.24 ug/ml



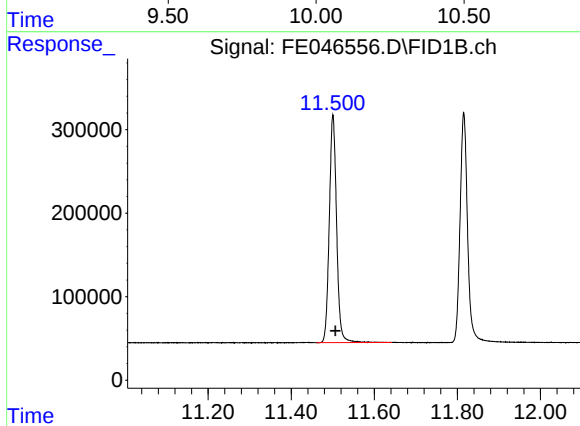
#6 n-Tetradecane (C14)

R.T.: 8.448 min
Delta R.T.: -0.006 min
Response: 3255351
Conc: 19.86 ug/ml



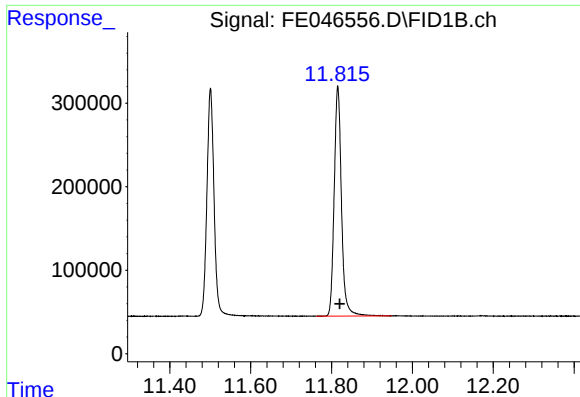
#7 n-Hexadecane (C16)

R.T.: 10.057 min
Delta R.T.: -0.007 min
Response: 3332886
Conc: 19.50 ug/ml



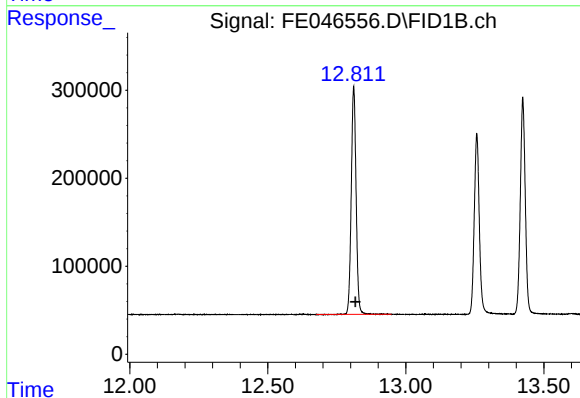
#8 n-Octadecane (C18)

R.T.: 11.501 min
Delta R.T.: -0.006 min
Response: 3329593
Conc: 19.10 ug/ml



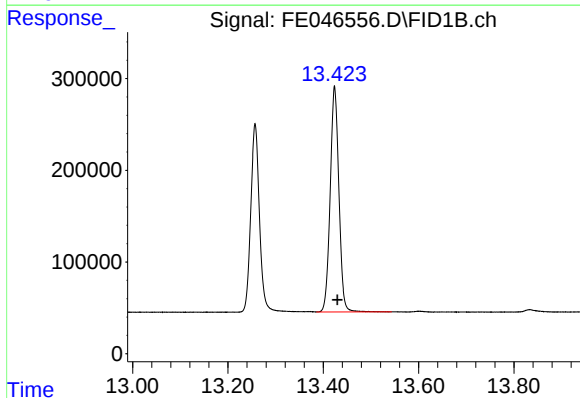
#9 ortho-Terphenyl (SURR)

R.T.: 11.816 min
Delta R.T.: -0.005 min
Response: 3440634
Conc: 18.61 ug/ml



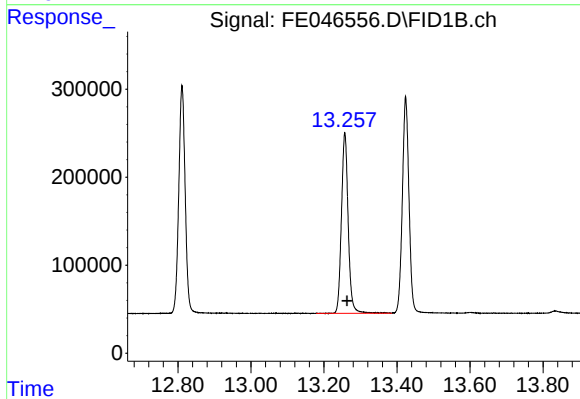
#10 n-Eicosane (C20)

R.T.: 12.811 min
Delta R.T.: -0.006 min
Response: 3165805
Conc: 18.65 ug/ml



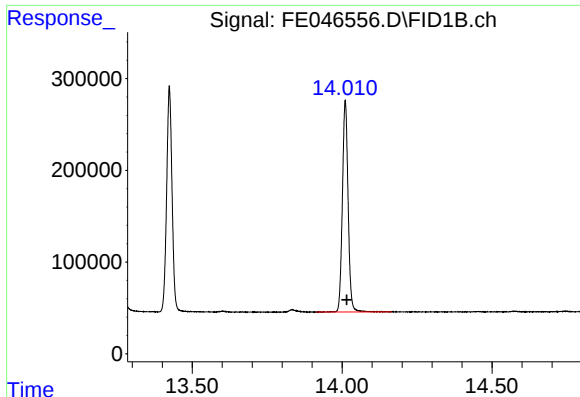
#11 n-Heneicosane (C21)

R.T.: 13.424 min
Delta R.T.: -0.006 min
Response: 3094272
Conc: 18.55 ug/ml



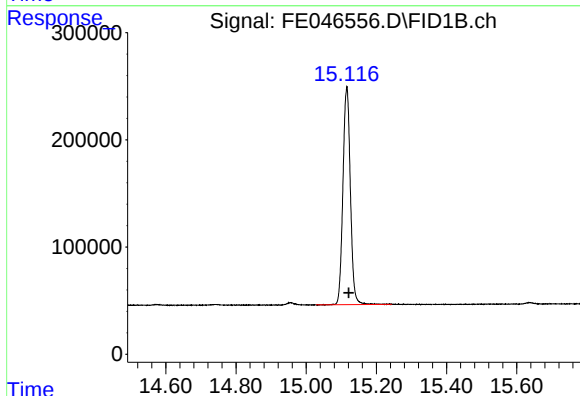
#12 1-chlorooctadecane (SURR)

R.T.: 13.257 min
Delta R.T.: -0.006 min
Response: 2631487
Conc: 18.50 ug/ml



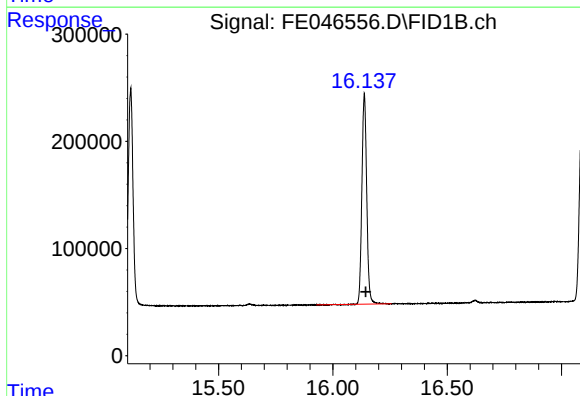
#13 n-Docosane (C22)

R.T.: 14.010 min
Delta R.T.: -0.006 min
Response: 3059986
Conc: 18.47 ug/ml



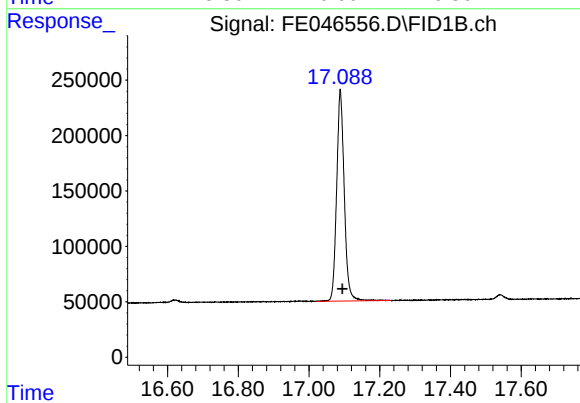
#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: -0.005 min
Response: 2991183
Conc: 18.13 ug/ml



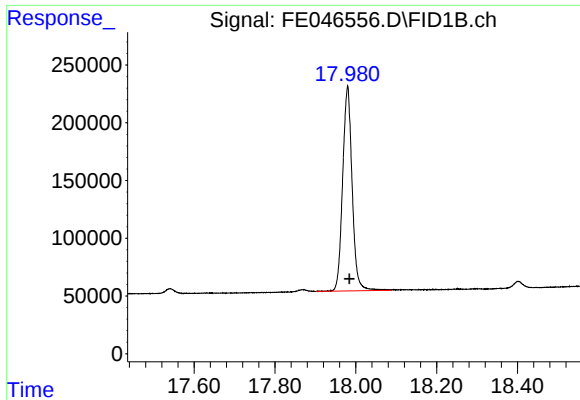
#15 n-Hexacosane (C26)

R.T.: 16.138 min
Delta R.T.: -0.006 min
Response: 2898824
Conc: 17.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.088 min
Delta R.T.: -0.006 min
Response: 2850016
Conc: 18.16 ug/ml



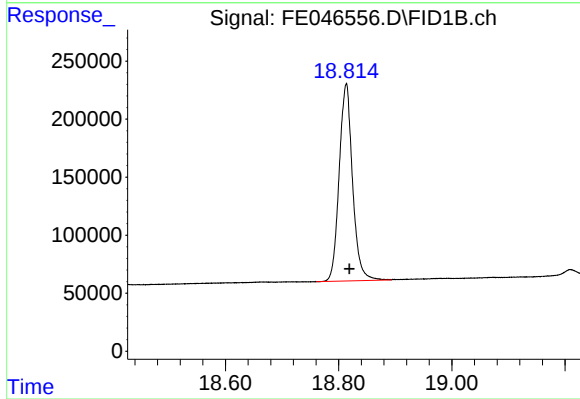
#17 n-Tricontane (C30)

R.T.: 17.980 min

Delta R.T.: -0.004 min

Response: 2889781

Conc: 18.45 ug/ml



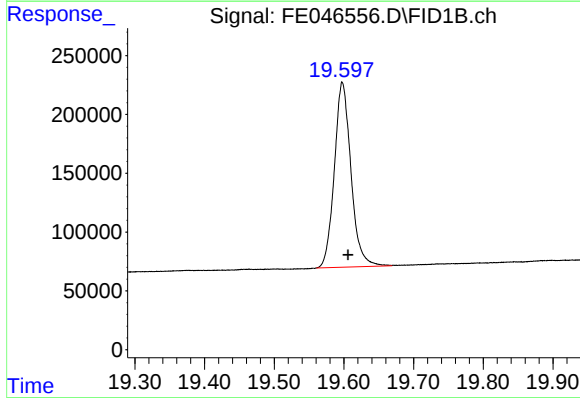
#18 n-Dotriacontane (C32)

R.T.: 18.814 min

Delta R.T.: -0.005 min

Response: 2783785

Conc: 18.42 ug/ml



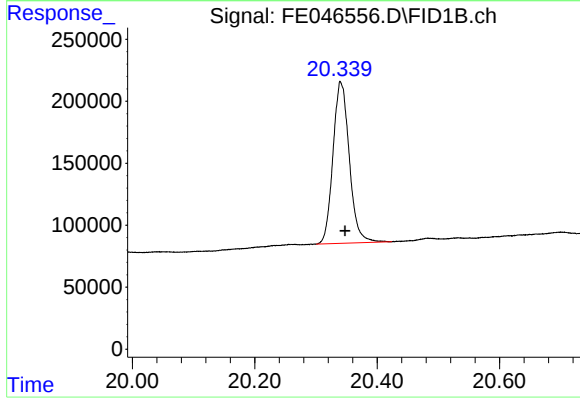
#19 n-Tetratriacontane (C34)

R.T.: 19.598 min

Delta R.T.: -0.008 min

Response: 2607872

Conc: 18.39 ug/ml



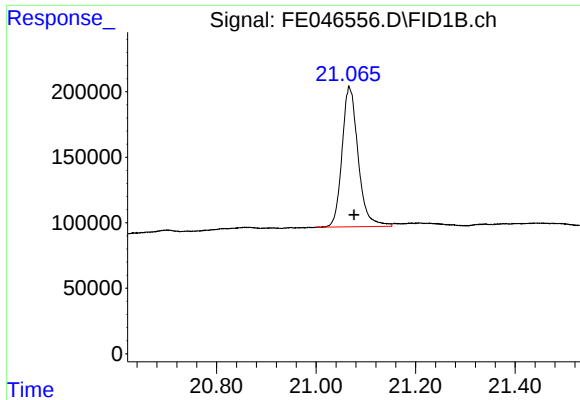
#20 n-Hexatriacontane (C36)

R.T.: 20.340 min

Delta R.T.: -0.007 min

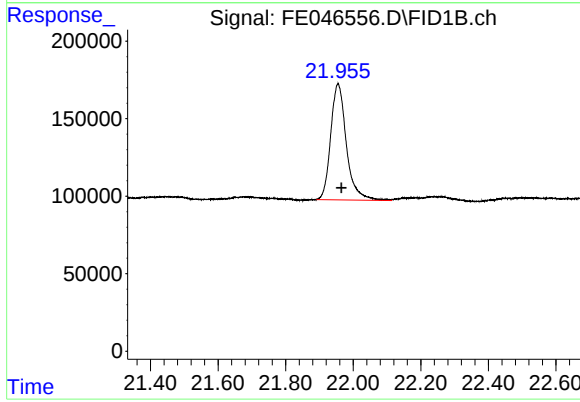
Response: 2414031

Conc: 17.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.067 min
Delta R.T.: -0.010 min
Response: 2397928
Conc: 18.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.010 min
Response: 2413627
Conc: 19.30 ug/ml