

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031723AL\
 Data File : FE040856.D
 Signal(s) : FID1B.ch
 Acq On : 17 Mar 2023 08:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 18 00:30:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 2023
 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)	11.873	3582849	19.179 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	13.313	2767864	18.701 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
Target Compounds			
1) T n-Nonane (C9)	3.268	3134974	20.374 ug/ml
2) T n-Decane (C10)	4.516	3132598	20.822 ug/ml
3) T A~Naphthalene (C11.7)	6.219	3445038	20.770 ug/ml
4) T n-Dodecane (C12)	6.680	3176932	20.752 ug/ml
5) T A~2-methylnaphthalene...	7.315	3208818	21.202 ug/ml
6) T n-Tetradecane (C14)	8.507	3212393	20.785 ug/ml
7) T n-Hexadecane (C16)	10.115	3316391	20.532 ug/ml
8) T n-Octadecane (C18)	11.557	3393663	19.987 ug/ml
10) T n-Eicosane (C20)	12.867	3268413	19.320 ug/ml
11) T n-Heneicosane (C21)	13.480	3242391	18.922 ug/ml
13) T n-Docosane (C22)	14.066	3183026	18.580 ug/ml
14) T n-Tetracosane (C24)	15.170	3124332	18.123 ug/ml
15) T n-Hexacosane (C26)	16.193	2988911	17.586 ug/ml
16) T n-Octacosane (C28)	17.142	2984721	17.797 ug/ml
17) T n-Tricontane (C30)	18.032	3093253	18.944 ug/ml
18) T n-Dotriacontane (C32)	18.865	3166484	18.501 ug/ml
19) T n-Tetratriacontane (C34)	19.653	3050476	19.730 ug/ml
20) T n-Hexatriacontane (C36)	20.393	2775947	19.108 ug/ml
21) T n-Octatriacontane (C38)	21.122	2715405	19.754 ug/ml
22) T n-Tetracontane (C40)	22.015	2741818	17.744 ug/ml

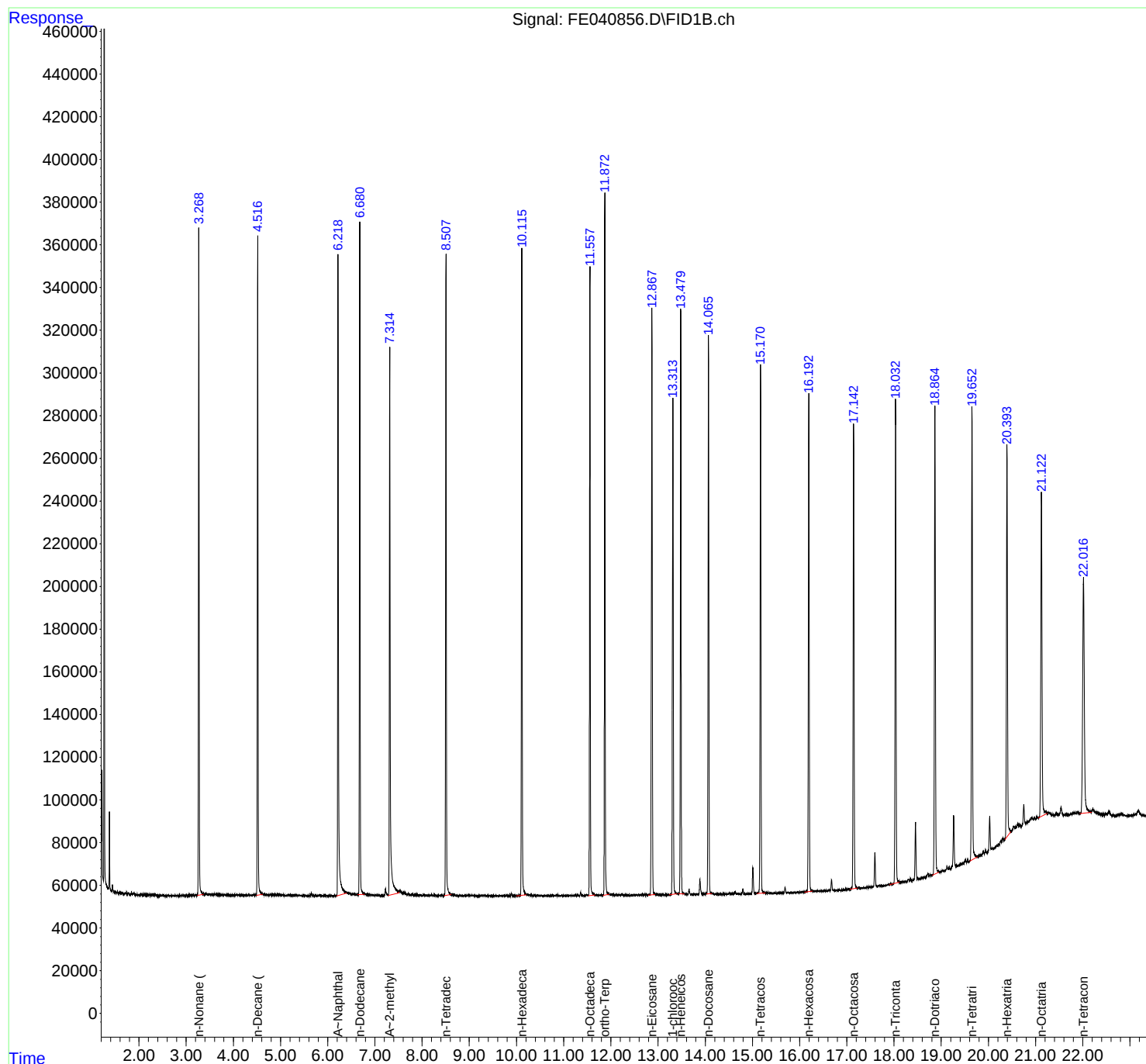
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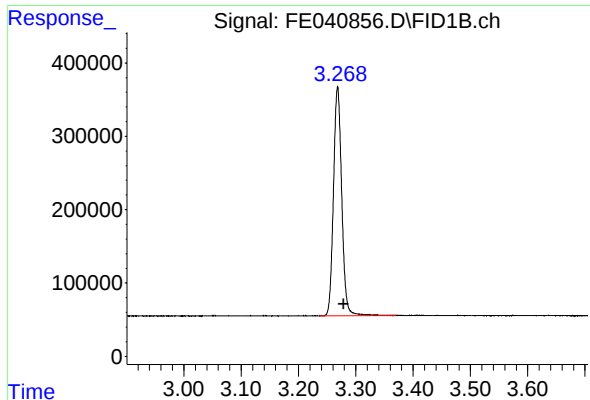
(m)=manual int.

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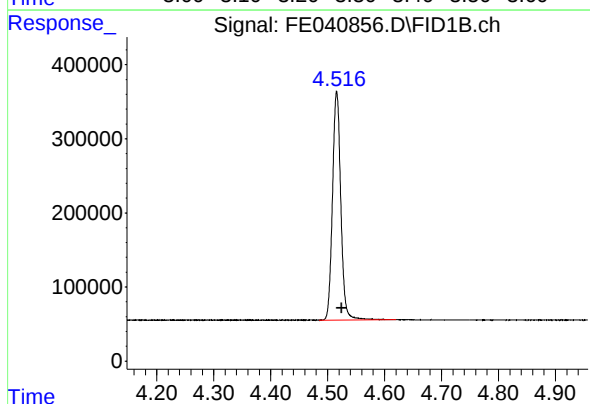
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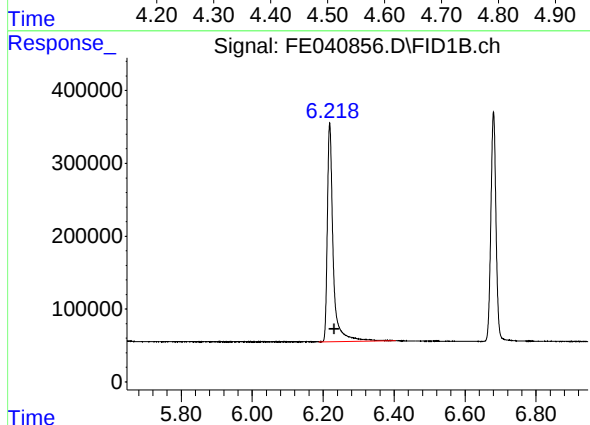
#1 n-Nonane (C9)

R.T.: 3.268 min
Delta R.T.: -0.011 min
Response: 3134974
Conc: 20.37 ug/ml



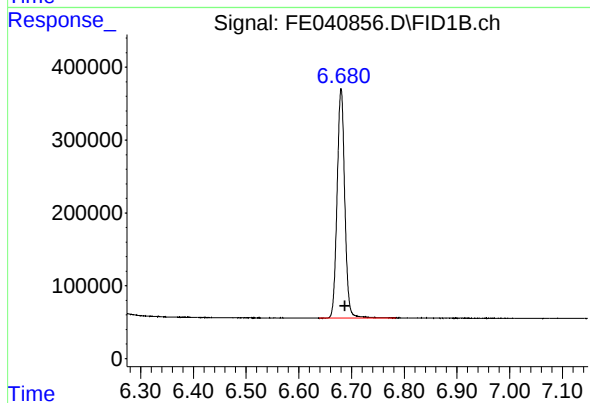
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.009 min
Response: 3132598
Conc: 20.82 ug/ml



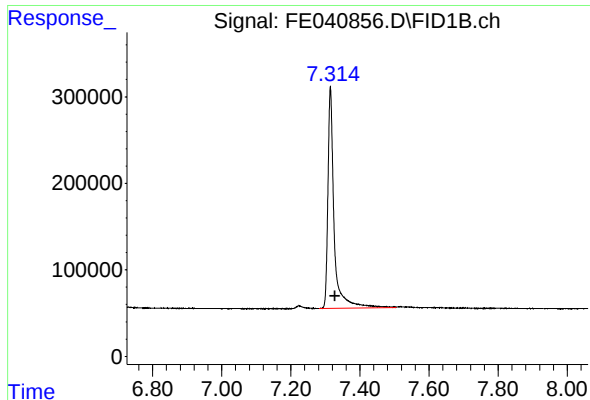
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: -0.013 min
Response: 3445038
Conc: 20.77 ug/ml



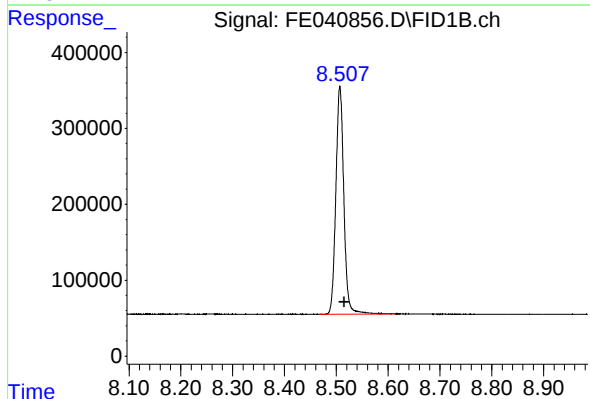
#4 n-Dodecane (C12)

R.T.: 6.680 min
Delta R.T.: -0.007 min
Response: 3176932
Conc: 20.75 ug/ml



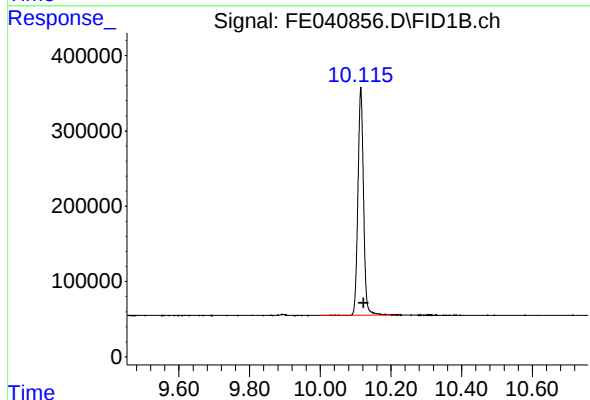
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.315 min
Delta R.T.: -0.014 min
Response: 3208818
Conc: 21.20 ug/ml



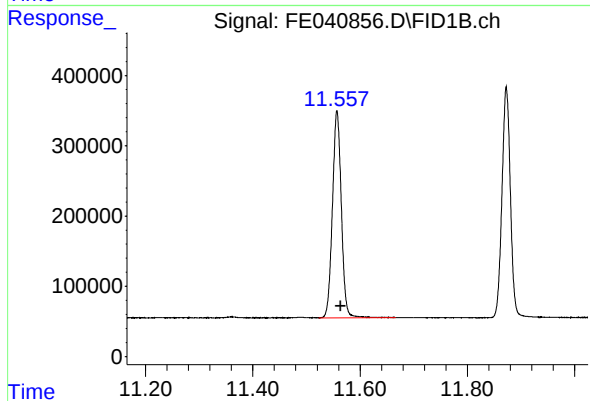
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: -0.008 min
Response: 3212393
Conc: 20.78 ug/ml



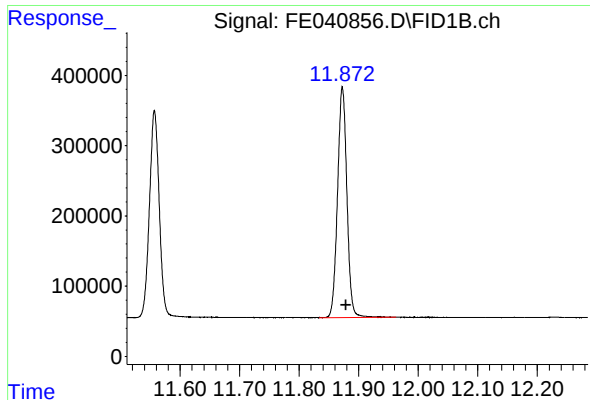
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.008 min
Response: 3316391
Conc: 20.53 ug/ml



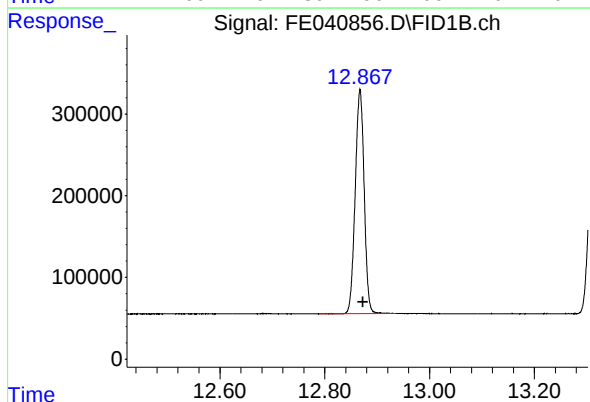
#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.006 min
Response: 3393663
Conc: 19.99 ug/ml



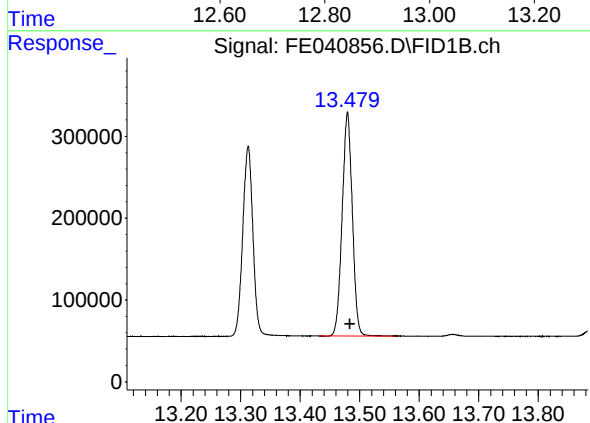
#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: -0.006 min
Response: 3582849
Conc: 19.18 ug/ml



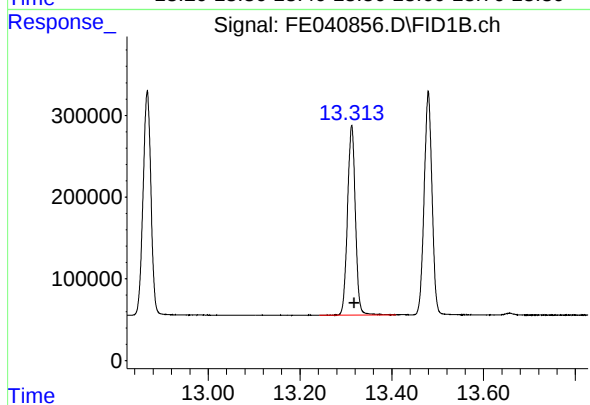
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: -0.005 min
Response: 3268413
Conc: 19.32 ug/ml



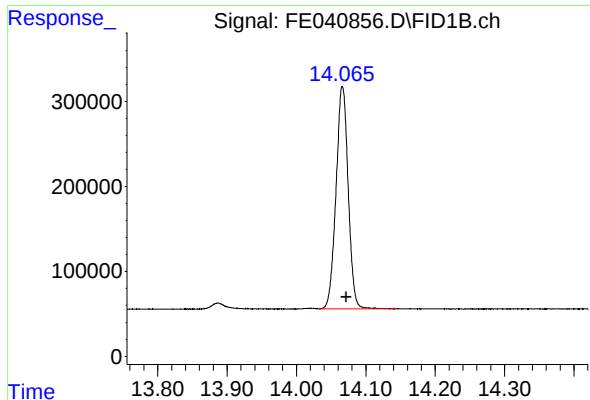
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.005 min
Response: 3242391
Conc: 18.92 ug/ml



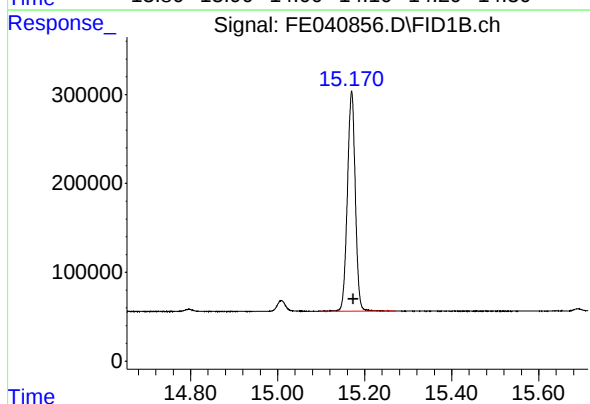
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.005 min
Response: 2767864
Conc: 18.70 ug/ml



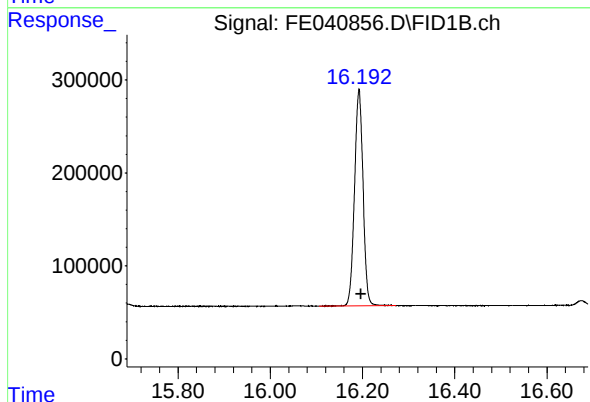
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: -0.005 min
Response: 3183026
Conc: 18.58 ug/ml



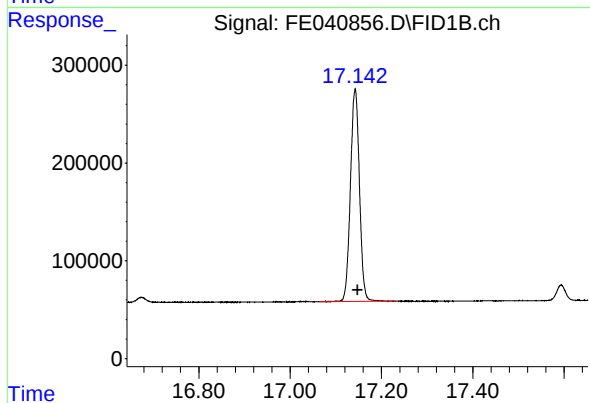
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: -0.004 min
Response: 3124332
Conc: 18.12 ug/ml



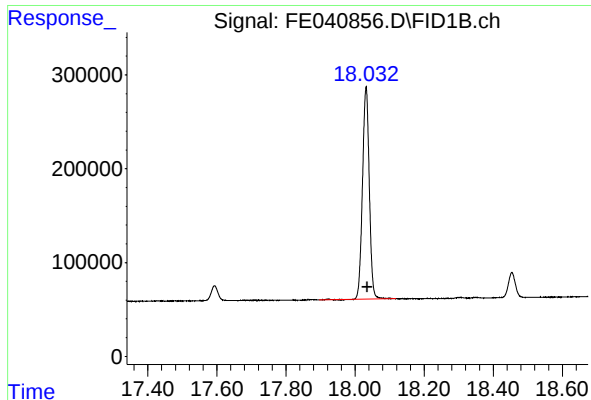
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: -0.004 min
Response: 2988911
Conc: 17.59 ug/ml



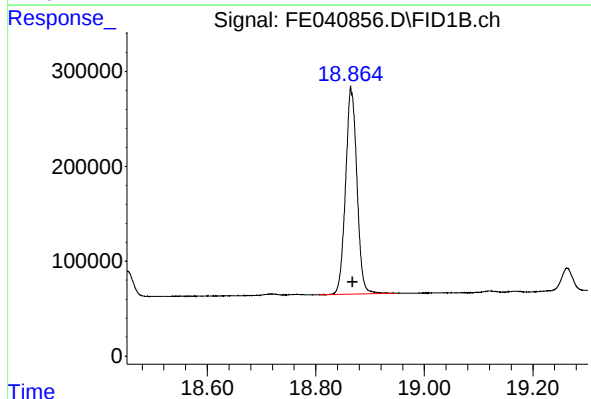
#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: -0.005 min
Response: 2984721
Conc: 17.80 ug/ml



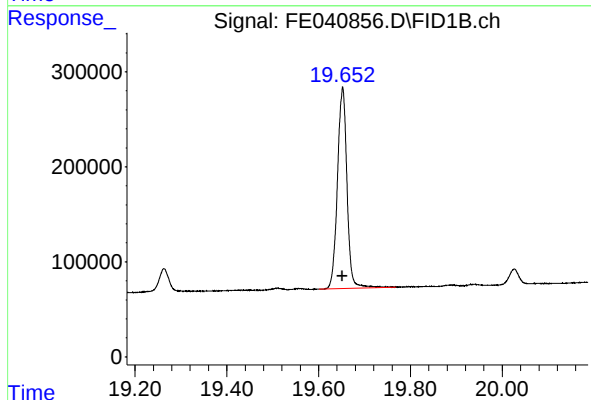
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: -0.004 min
Response: 3093253
Conc: 18.94 ug/ml



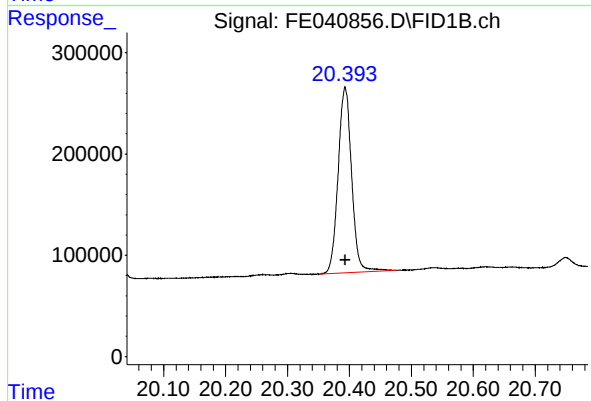
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: -0.003 min
Response: 3166484
Conc: 18.50 ug/ml



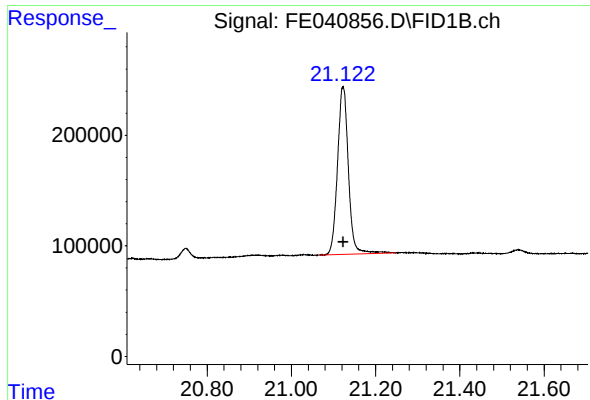
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.000 min
Response: 3050476
Conc: 19.73 ug/ml



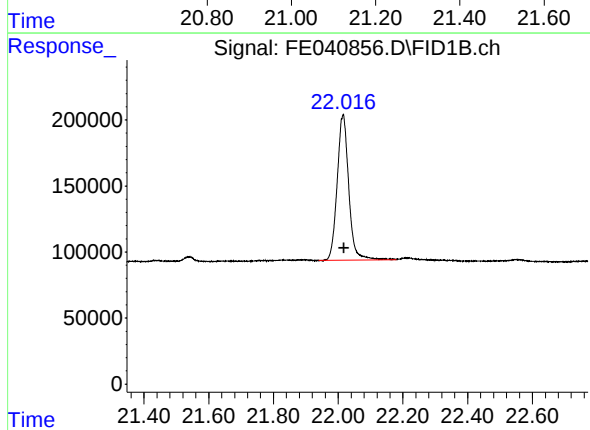
#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: 0.000 min
Response: 2775947
Conc: 19.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: -0.001 min
Response: 2715405
Conc: 19.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.015 min
Delta R.T.: -0.003 min
Response: 2741818
Conc: 17.74 ug/ml