

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020224AL\
 Data File : FE046538.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2024 17:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 05 04:58:33 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)	11.818	3332228	18.021 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
12) S 1-chlorooctadecane (S...	13.260	2523362	17.736 ug/ml
Spiked Amount 50.000		Recovery =	35.47%
Target Compounds			
1) T n-Nonane (C9)	3.206	3088430	19.120 ug/ml
2) T n-Decane (C10)	4.456	3202718	19.542 ug/ml
3) T A~Naphthalene (C11.7)	6.161	3304787	19.326 ug/ml
4) T n-Dodecane (C12)	6.624	3235078	19.558 ug/ml
5) T A~2-methylnaphthalene...	7.257	3145696	19.723 ug/ml
6) T n-Tetradecane (C14)	8.450	3154672	19.248 ug/ml
7) T n-Hexadecane (C16)	10.060	3218652	18.836 ug/ml
8) T n-Octadecane (C18)	11.503	3205116	18.384 ug/ml
10) T n-Eicosane (C20)	12.814	3041299	17.913 ug/ml
11) T n-Heneicosane (C21)	13.427	2977024	17.849 ug/ml
13) T n-Docosane (C22)	14.013	2946502	17.786 ug/ml
14) T n-Tetracosane (C24)	15.119	2913396	17.657 ug/ml
15) T n-Hexacosane (C26)	16.141	2857069	17.702 ug/ml
16) T n-Octacosane (C28)	17.094	2826089	18.003 ug/ml
17) T n-Tricontane (C30)	17.982	2870318	18.325 ug/ml
18) T n-Dotriacontane (C32)	18.816	2792990	18.477 ug/ml
19) T n-Tetratriacontane (C34)	19.601	2637486	18.595 ug/ml
20) T n-Hexatriacontane (C36)	20.343	2443516	17.727 ug/ml
21) T n-Octatriacontane (C38)	21.072	2397329	18.701 ug/ml
22) T n-Tetracontane (C40)	21.958	2287505	18.295 ug/ml

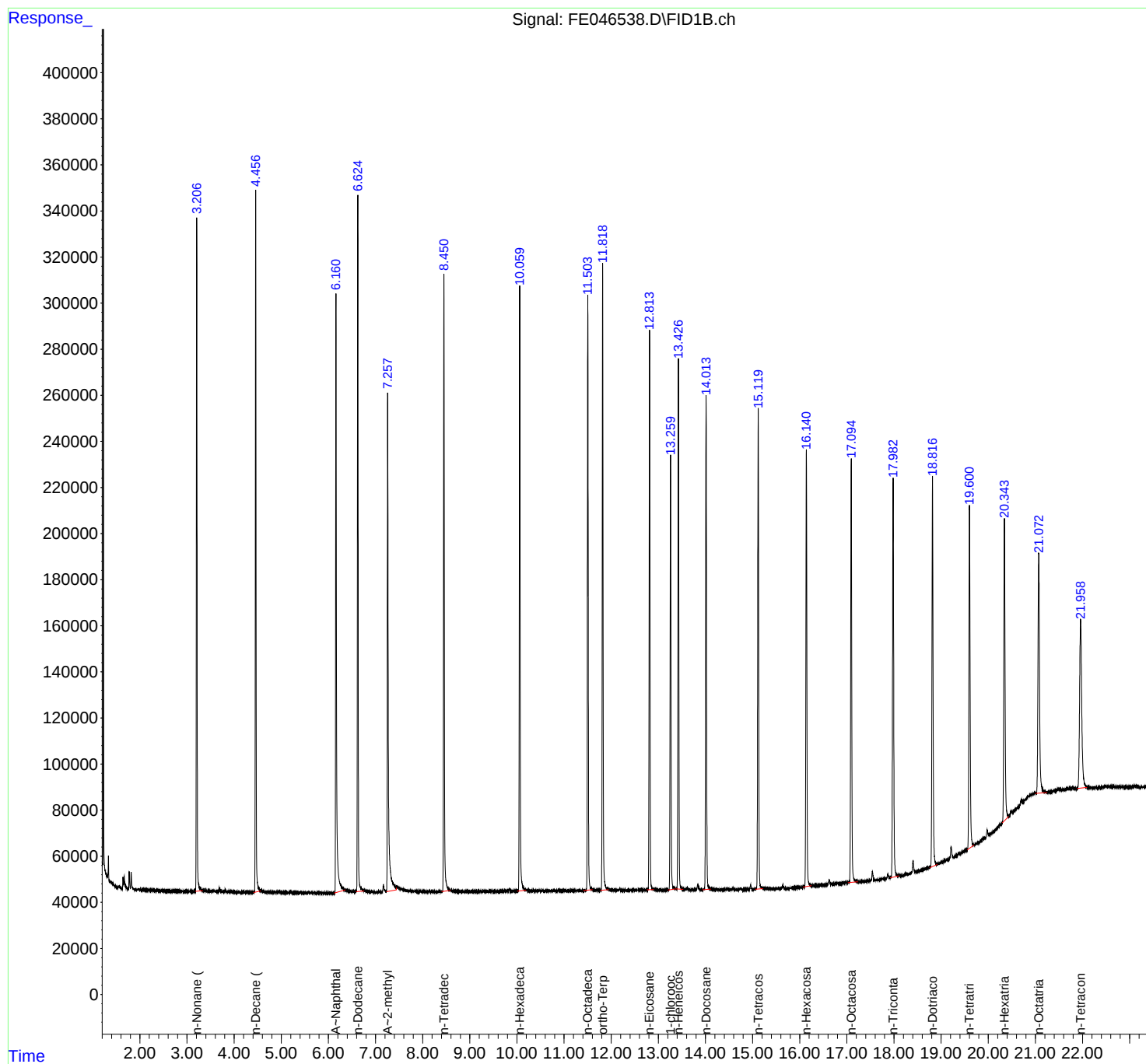
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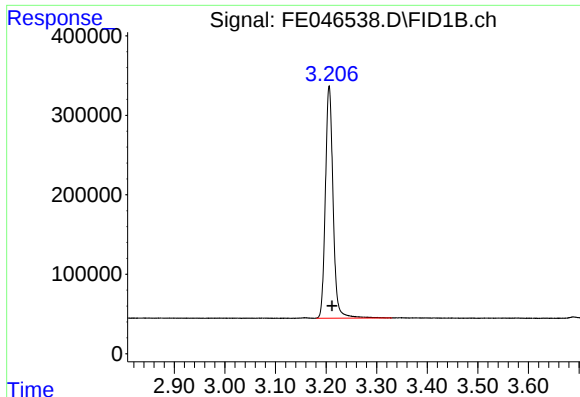
(m)=manual int.

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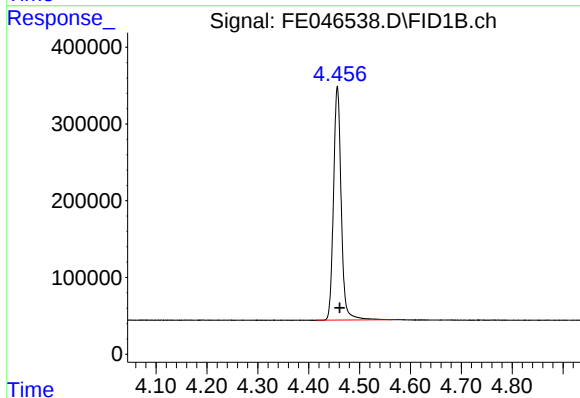
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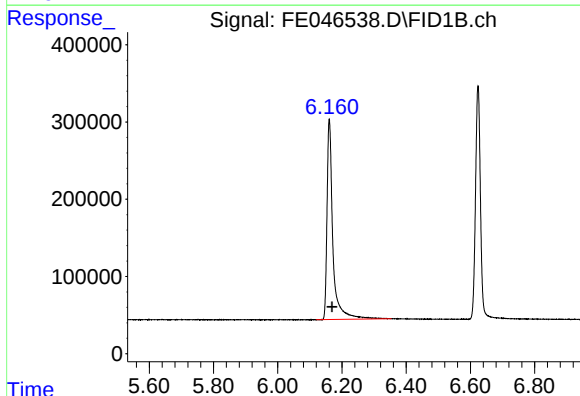
#1 n-Nonane (C9)

R.T.: 3.206 min
Delta R.T.: -0.006 min
Response: 3088430
Conc: 19.12 ug/ml



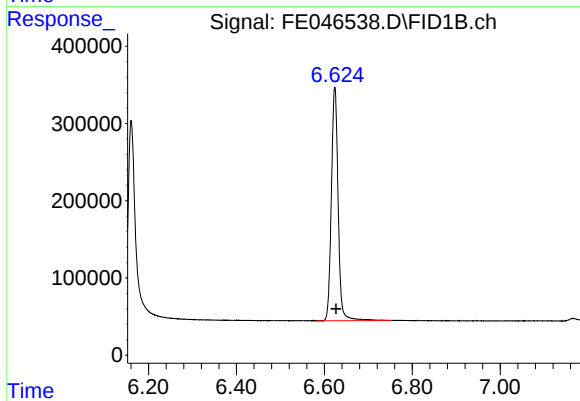
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.004 min
Response: 3202718
Conc: 19.54 ug/ml



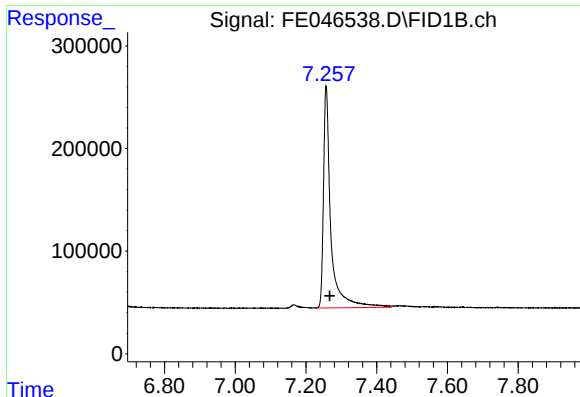
#3 A~Naphthalene (C11.7)

R.T.: 6.161 min
Delta R.T.: -0.008 min
Response: 3304787
Conc: 19.33 ug/ml



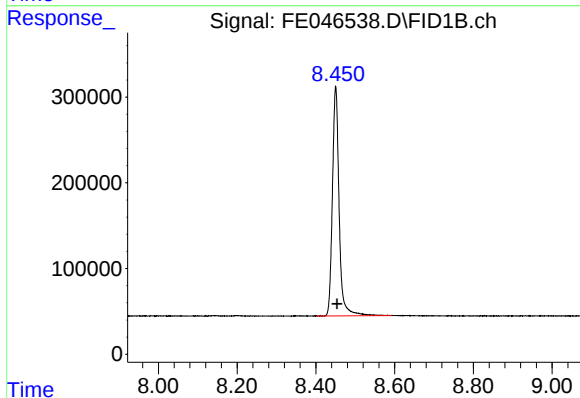
#4 n-Dodecane (C12)

R.T.: 6.624 min
Delta R.T.: -0.003 min
Response: 3235078
Conc: 19.56 ug/ml



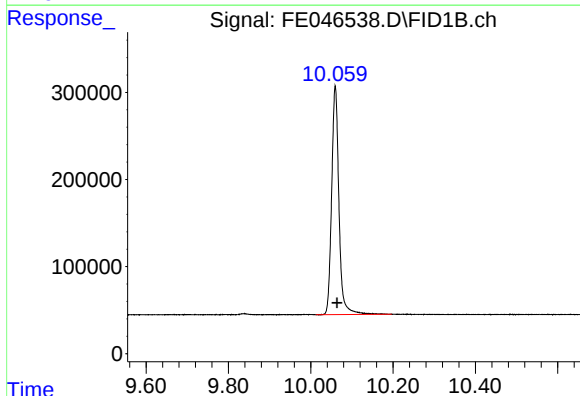
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.010 min
Response: 3145696
Conc: 19.72 ug/ml



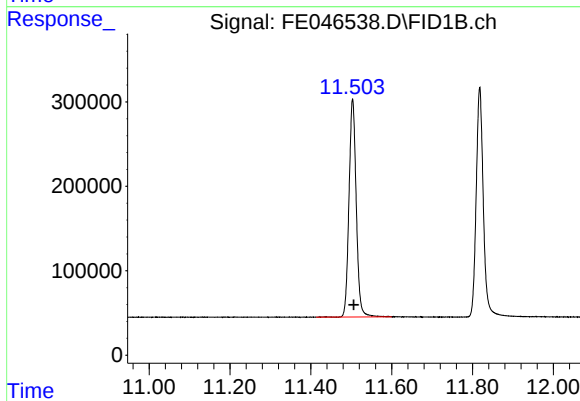
#6 n-Tetradecane (C14)

R.T.: 8.450 min
Delta R.T.: -0.004 min
Response: 3154672
Conc: 19.25 ug/ml



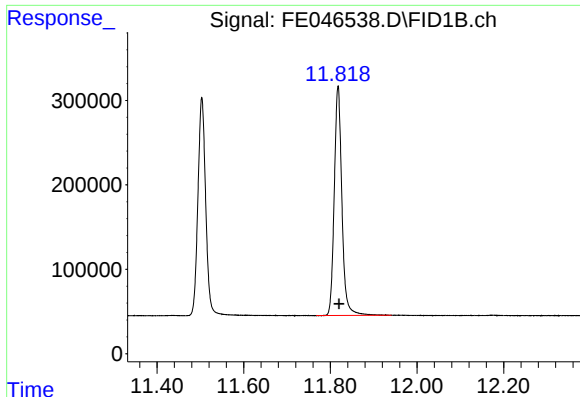
#7 n-Hexadecane (C16)

R.T.: 10.060 min
Delta R.T.: -0.004 min
Response: 3218652
Conc: 18.84 ug/ml



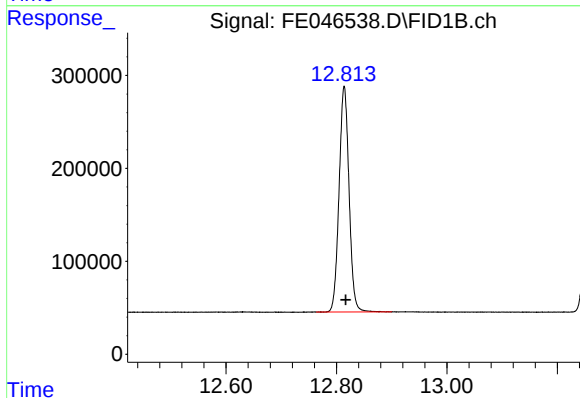
#8 n-Octadecane (C18)

R.T.: 11.503 min
Delta R.T.: -0.003 min
Response: 3205116
Conc: 18.38 ug/ml



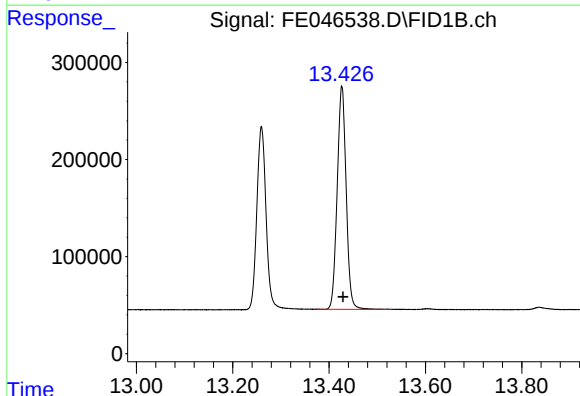
#9 ortho-Terphenyl (SURR)

R.T.: 11.818 min
Delta R.T.: -0.002 min
Response: 3332228
Conc: 18.02 ug/ml



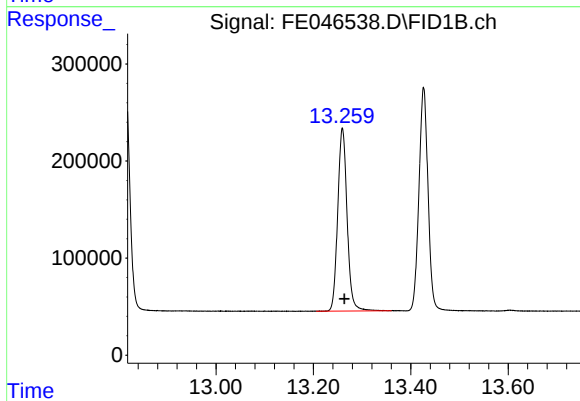
#10 n-Eicosane (C20)

R.T.: 12.814 min
Delta R.T.: -0.003 min
Response: 3041299
Conc: 17.91 ug/ml



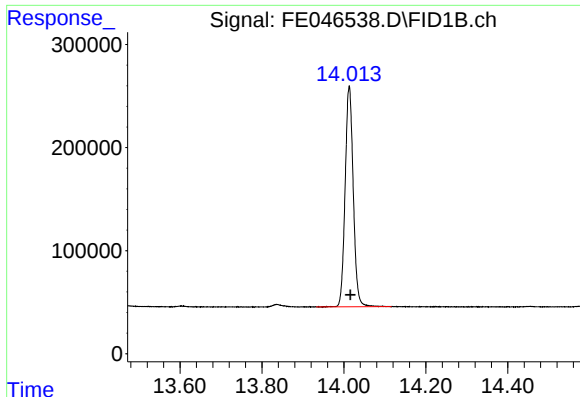
#11 n-Heneicosane (C21)

R.T.: 13.427 min
Delta R.T.: -0.003 min
Response: 2977024
Conc: 17.85 ug/ml



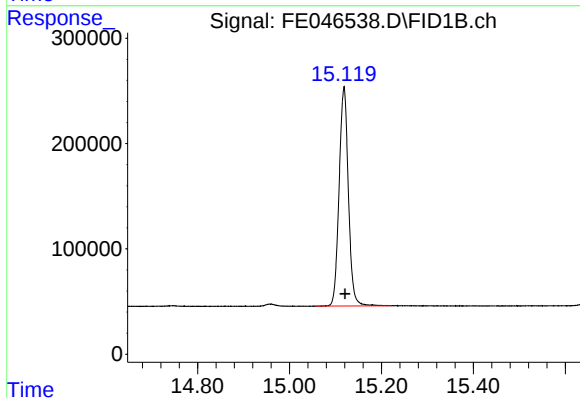
#12 1-chlorooctadecane (SURR)

R.T.: 13.260 min
Delta R.T.: -0.004 min
Response: 2523362
Conc: 17.74 ug/ml



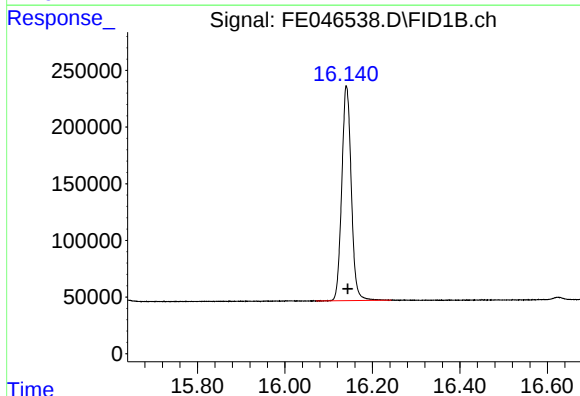
#13 n-Docosane (C22)

R.T.: 14.013 min
Delta R.T.: -0.003 min
Response: 2946502
Conc: 17.79 ug/ml



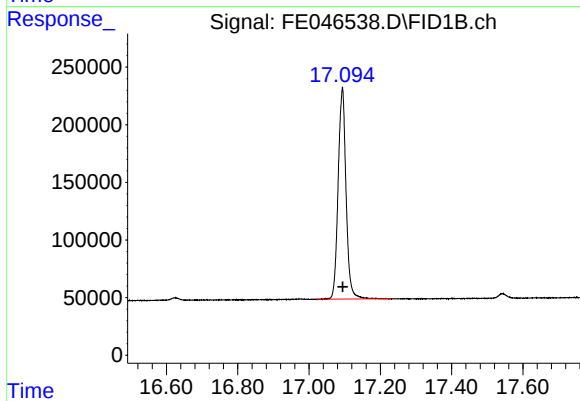
#14 n-Tetracosane (C24)

R.T.: 15.119 min
Delta R.T.: -0.002 min
Response: 2913396
Conc: 17.66 ug/ml



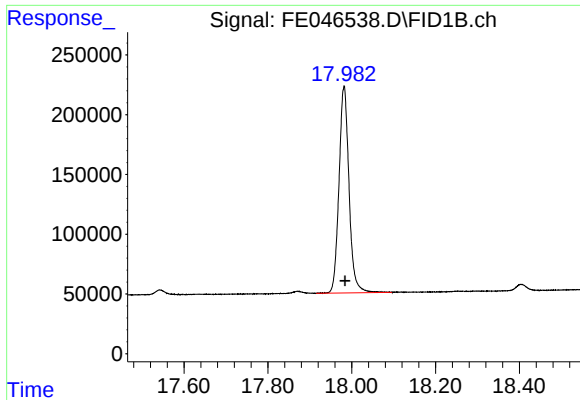
#15 n-Hexacosane (C26)

R.T.: 16.141 min
Delta R.T.: -0.003 min
Response: 2857069
Conc: 17.70 ug/ml



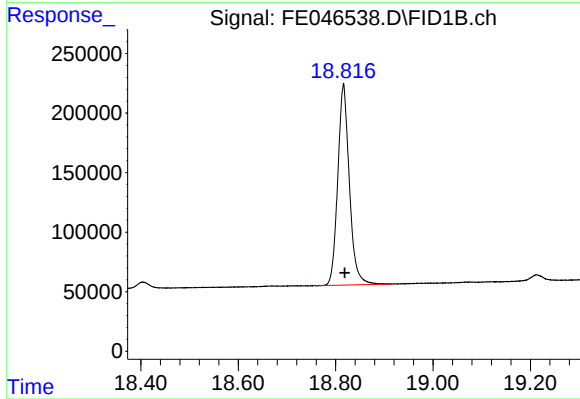
#16 n-Octacosane (C28)

R.T.: 17.094 min
Delta R.T.: 0.000 min
Response: 2826089
Conc: 18.00 ug/ml



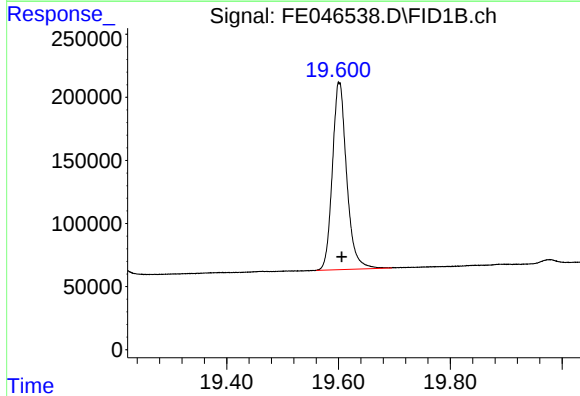
#17 n-Tricontane (C30)

R.T.: 17.982 min
Delta R.T.: -0.002 min
Response: 2870318
Conc: 18.33 ug/ml



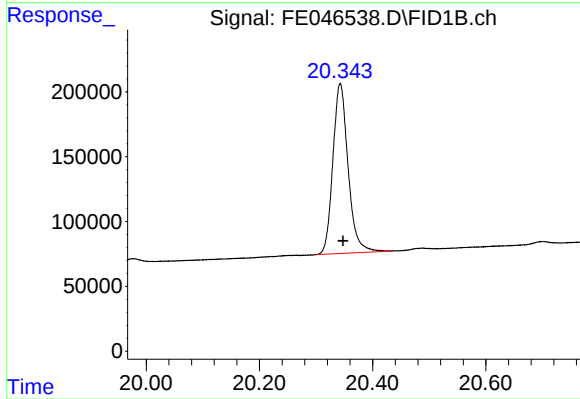
#18 n-Dotriacontane (C32)

R.T.: 18.816 min
Delta R.T.: -0.002 min
Response: 2792990
Conc: 18.48 ug/ml



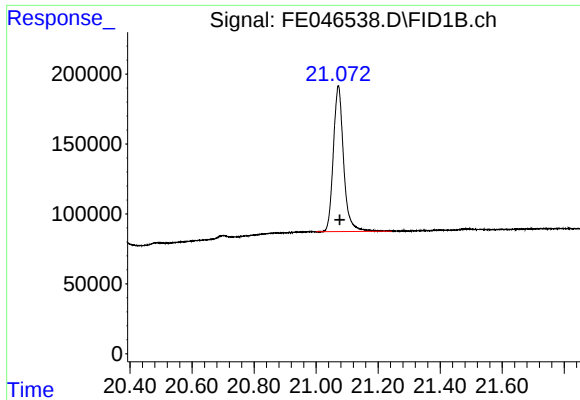
#19 n-Tetratriacontane (C34)

R.T.: 19.601 min
Delta R.T.: -0.005 min
Response: 2637486
Conc: 18.60 ug/ml



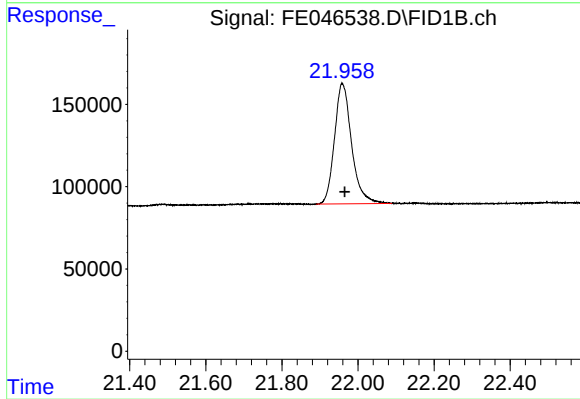
#20 n-Hexatriacontane (C36)

R.T.: 20.343 min
Delta R.T.: -0.005 min
Response: 2443516
Conc: 17.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: -0.005 min
Response: 2397329
Conc: 18.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: -0.007 min
Response: 2287505
Conc: 18.29 ug/ml