

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021023AL\
 Data File : FE040298.D
 Signal(s) : FID1B.ch
 Acq On : 10 Feb 2023 10:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 07:10:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.895	3629511	22.424 ug/ml
Spiked Amount 50.000		Recovery =	44.85%
12) S 1-chlorooctadecane (S...	13.333	2769239	22.328 ug/ml
Spiked Amount 50.000		Recovery =	44.66%
Target Compounds			
1) T n-Nonane (C9)	3.288	3084295	22.661 ug/ml
2) T n-Decane (C10)	4.538	3034369	22.837 ug/ml
3) T A~Naphthalene (C11.7)	6.240	3362963	22.979 ug/ml
4) T n-Dodecane (C12)	6.703	3085044	22.914 ug/ml
5) T A~2-methylnaphthalene...	7.335	3141836	23.212 ug/ml
6) T n-Tetradecane (C14)	8.530	3124957	22.675 ug/ml
7) T n-Hexadecane (C16)	10.136	3236395	22.550 ug/ml
8) T n-Octadecane (C18)	11.579	3330773	22.391 ug/ml
10) T n-Eicosane (C20)	12.889	3263912	22.201 ug/ml
11) T n-Heneicosane (C21)	13.501	3278490	22.228 ug/ml
13) T n-Docosane (C22)	14.088	3258317	21.990 ug/ml
14) T n-Tetracosane (C24)	15.192	3251478	21.419 ug/ml
15) T n-Hexacosane (C26)	16.214	3147472	21.231 ug/ml
16) T n-Octacosane (C28)	17.165	3095921	20.658 ug/ml
17) T n-Tricontane (C30)	18.053	2999685	20.330 ug/ml
18) T n-Dotriacontane (C32)	18.886	2960597	20.215 ug/ml
19) T n-Tetratriacontane (C34)	19.672	2858124	20.780 ug/ml
20) T n-Hexatriacontane (C36)	20.412	2731767	20.595 ug/ml
21) T n-Octatriacontane (C38)	21.146	2709530	20.886 ug/ml
22) T n-Tetracontane (C40)	22.045	2733991	20.592 ug/ml

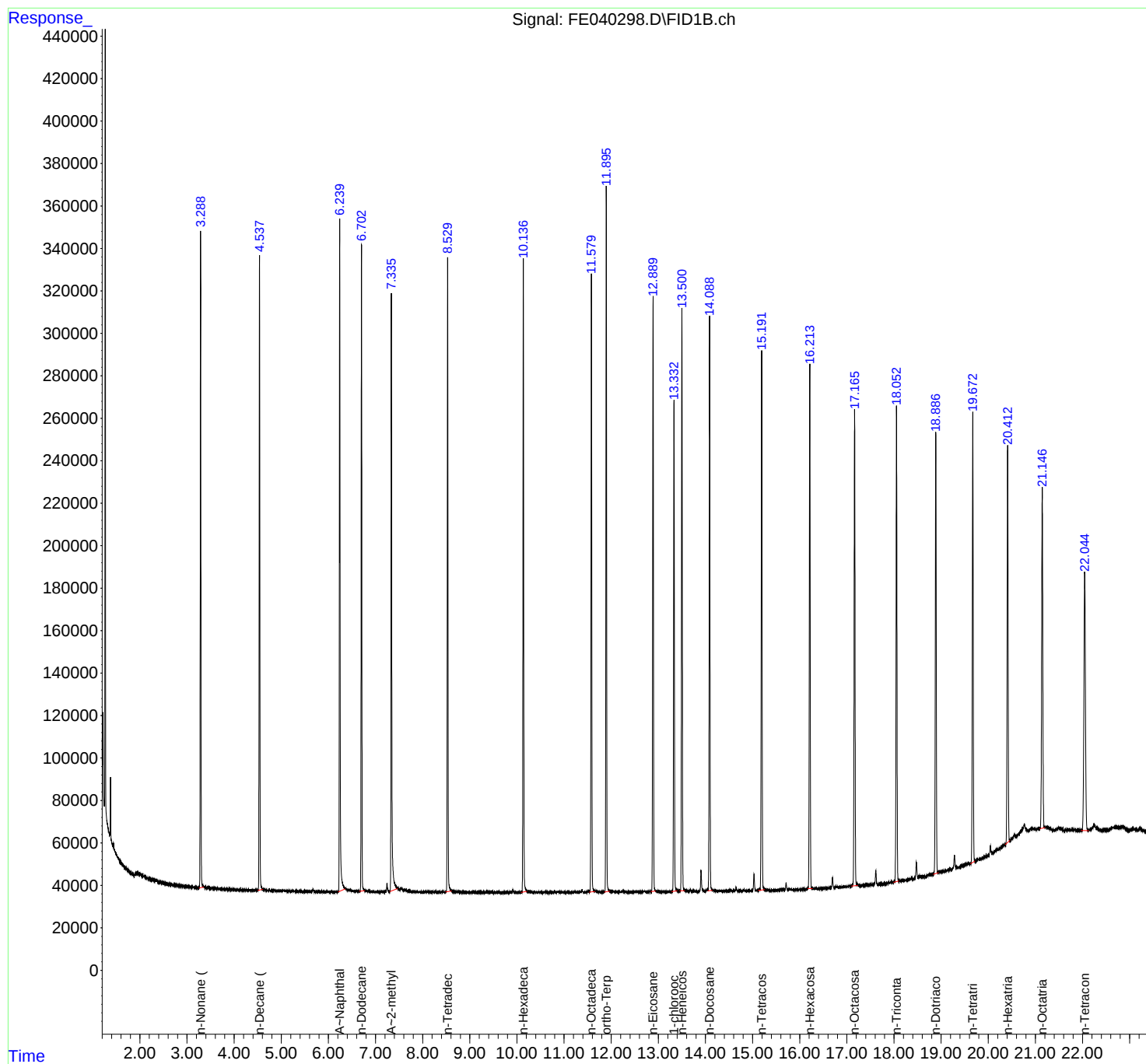
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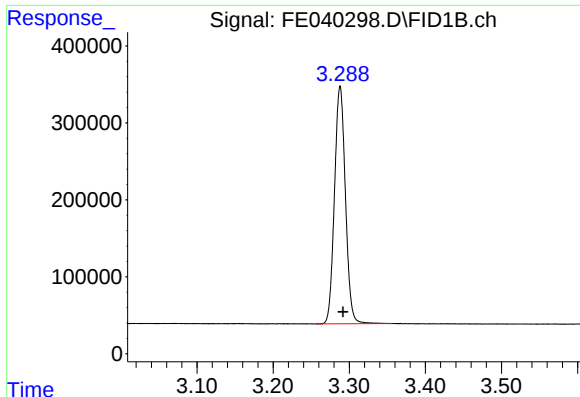
(m)=manual int.

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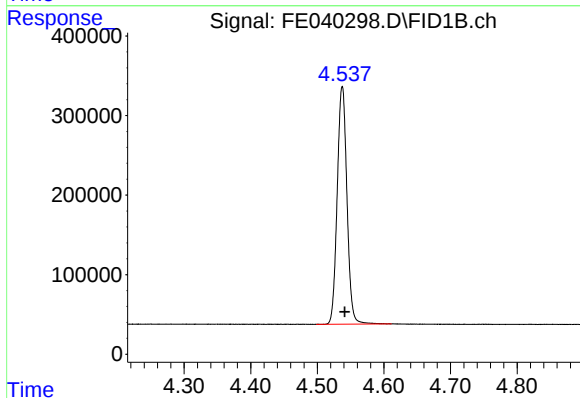
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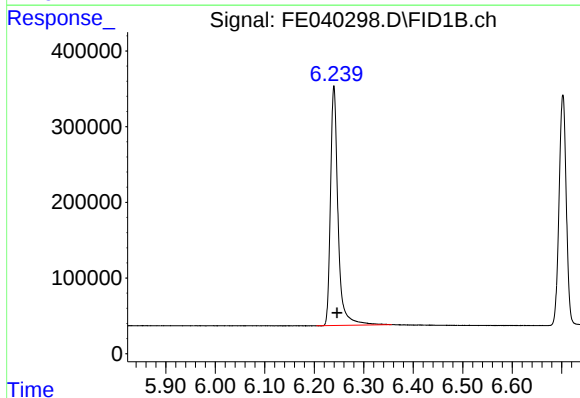
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: -0.004 min
Response: 3084295
Conc: 22.66 ug/ml



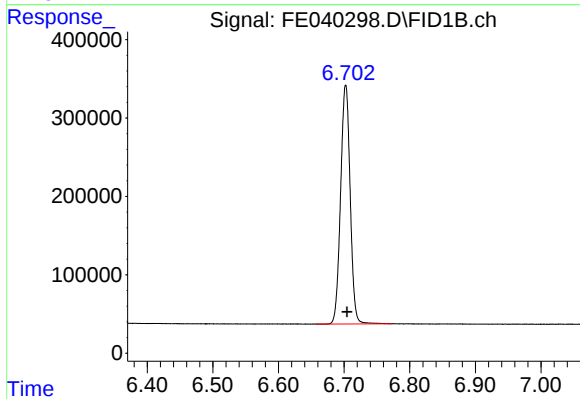
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.004 min
Response: 3034369
Conc: 22.84 ug/ml



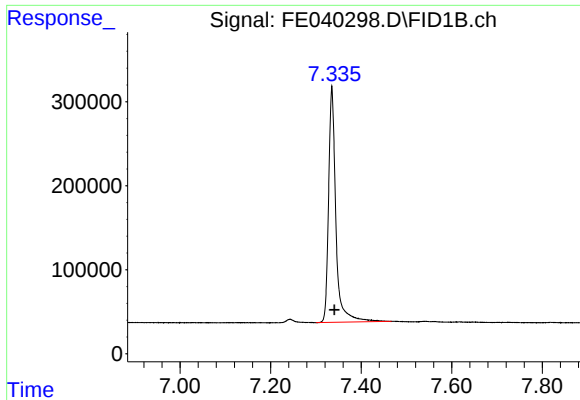
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: -0.006 min
Response: 3362963
Conc: 22.98 ug/ml



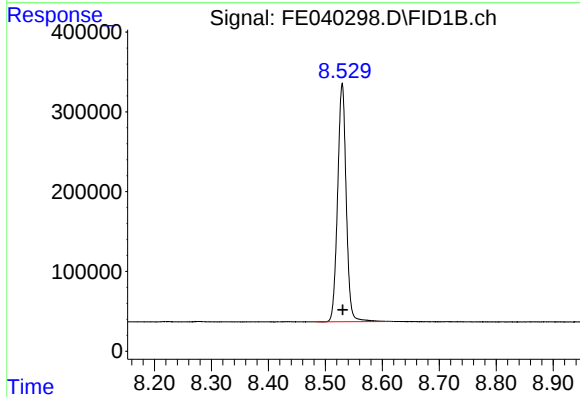
#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 3085044
Conc: 22.91 ug/ml



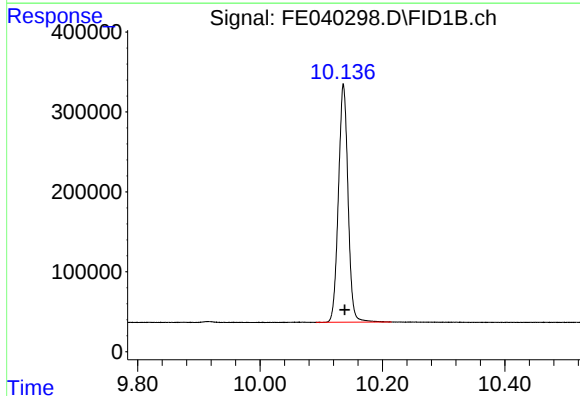
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.335 min
Delta R.T.: -0.006 min
Response: 3141836
Conc: 23.21 ug/ml



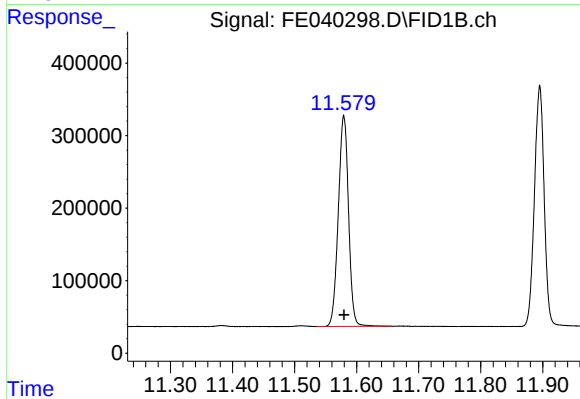
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: -0.001 min
Response: 3124957
Conc: 22.67 ug/ml



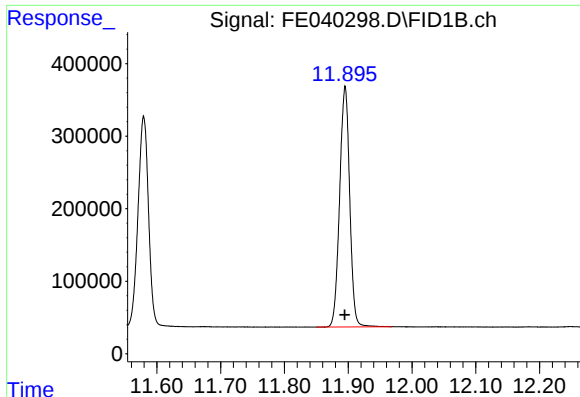
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.002 min
Response: 3236395
Conc: 22.55 ug/ml



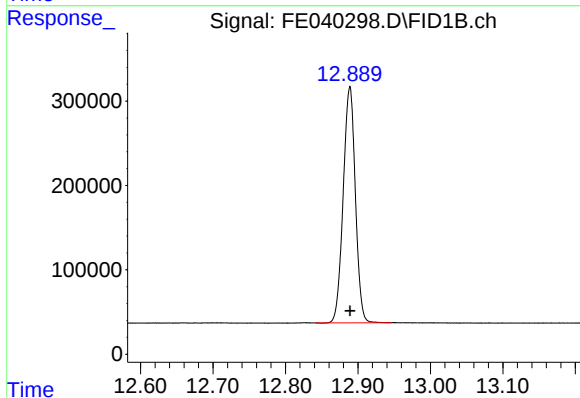
#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: 0.000 min
Response: 3330773
Conc: 22.39 ug/ml



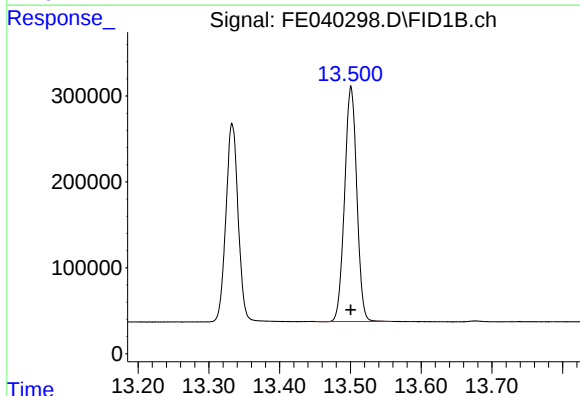
#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 3629511
Conc: 22.42 ug/ml



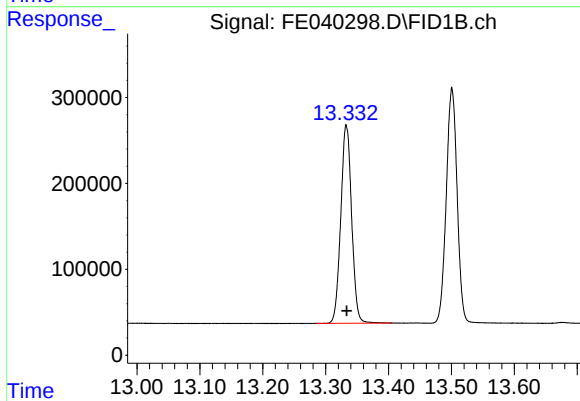
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: 0.000 min
Response: 3263912
Conc: 22.20 ug/ml



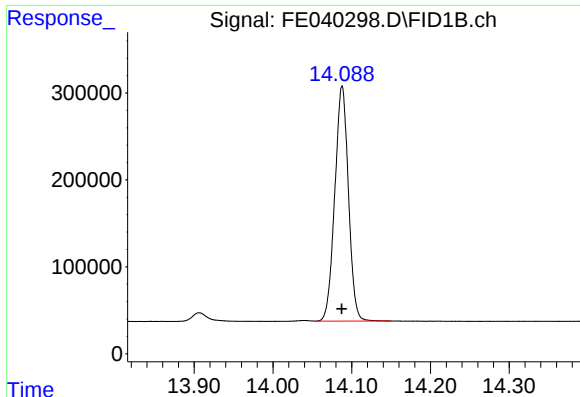
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: 0.000 min
Response: 3278490
Conc: 22.23 ug/ml



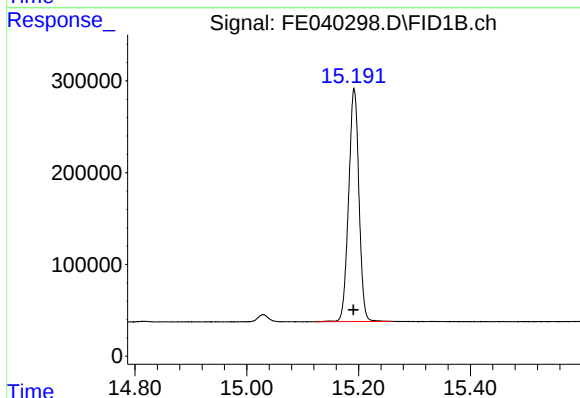
#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: 0.000 min
Response: 2769239
Conc: 22.33 ug/ml



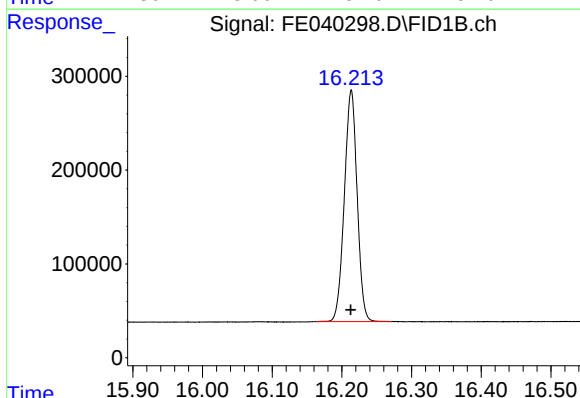
#13 n-Docosane (C22)

R.T.: 14.088 min
Delta R.T.: 0.000 min
Response: 3258317
Conc: 21.99 ug/ml



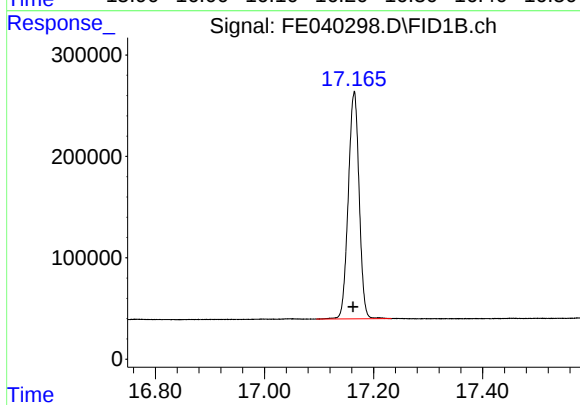
#14 n-Tetracosane (C24)

R.T.: 15.192 min
Delta R.T.: 0.001 min
Response: 3251478
Conc: 21.42 ug/ml



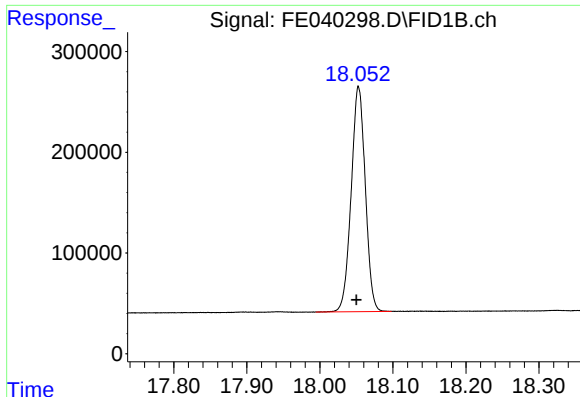
#15 n-Hexacosane (C26)

R.T.: 16.214 min
Delta R.T.: 0.000 min
Response: 3147472
Conc: 21.23 ug/ml



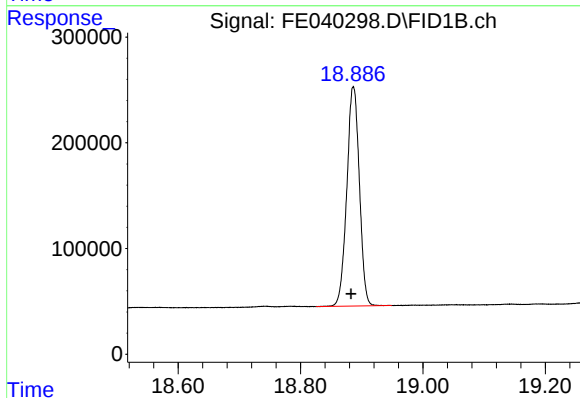
#16 n-Octacosane (C28)

R.T.: 17.165 min
Delta R.T.: 0.002 min
Response: 3095921
Conc: 20.66 ug/ml



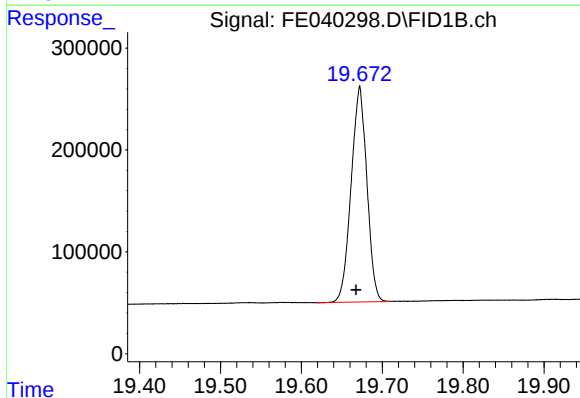
#17 n-Tricontane (C30)

R.T.: 18.053 min
Delta R.T.: 0.003 min
Response: 2999685
Conc: 20.33 ug/ml



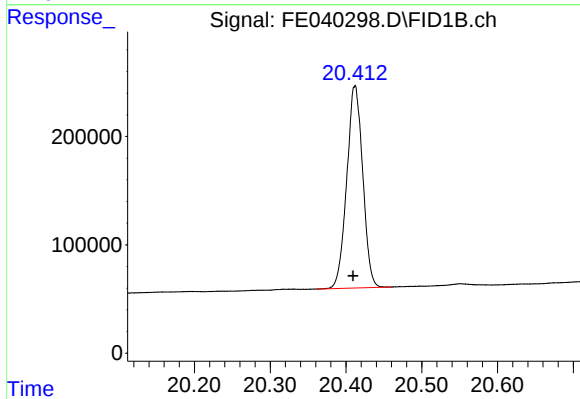
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: 0.004 min
Response: 2960597
Conc: 20.21 ug/ml



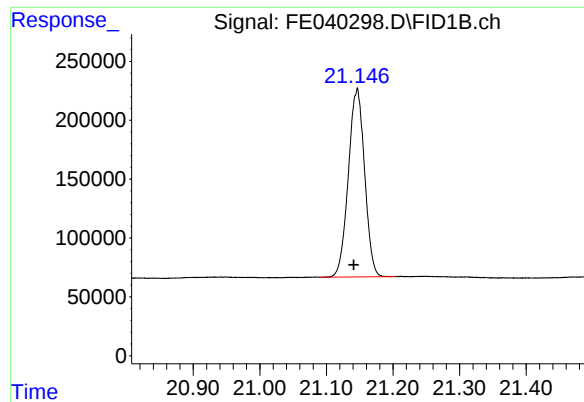
#19 n-Tetratriacontane (C34)

R.T.: 19.672 min
Delta R.T.: 0.005 min
Response: 2858124
Conc: 20.78 ug/ml



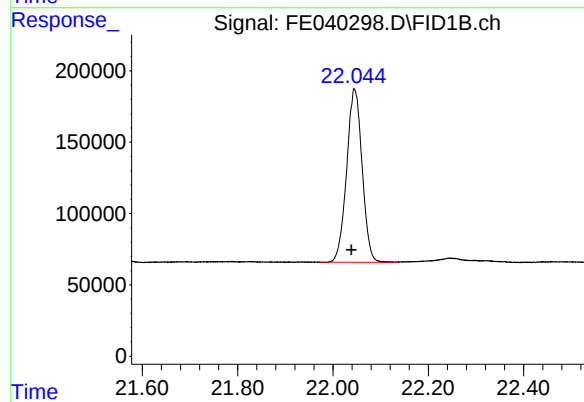
#20 n-Hexatriacontane (C36)

R.T.: 20.412 min
Delta R.T.: 0.003 min
Response: 2731767
Conc: 20.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.146 min
Delta R.T.: 0.005 min
Response: 2709530
Conc: 20.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.045 min
Delta R.T.: 0.006 min
Response: 2733991
Conc: 20.59 ug/ml