

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012723AL\
 Data File : FE040081.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jan 2023 11:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 23:57:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.902	3091793	20.133 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
12) S 1-chlorooctadecane (S...	13.339	2365276	20.268 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
Target Compounds			
1) T n-Nonane (C9)	3.299	2658016	20.940 ug/ml
2) T n-Decane (C10)	4.547	2642167	21.276 ug/ml
3) T A~Naphthalene (C11.7)	6.248	2885713	20.462 ug/ml
4) T n-Dodecane (C12)	6.710	2671836	21.251 ug/ml
5) T A~2-methylnaphthalene...	7.343	2703868	20.644 ug/ml
6) T n-Tetradecane (C14)	8.536	2721510	21.160 ug/ml
7) T n-Hexadecane (C16)	10.143	2824558	20.937 ug/ml
8) T n-Octadecane (C18)	11.586	2884737	20.587 ug/ml
10) T n-Eicosane (C20)	12.895	2813031	20.303 ug/ml
11) T n-Heneicosane (C21)	13.507	2814685	20.171 ug/ml
13) T n-Docosane (C22)	14.093	2792388	20.118 ug/ml
14) T n-Tetracosane (C24)	15.196	2790284	20.266 ug/ml
15) T n-Hexacosane (C26)	16.218	2710718	20.310 ug/ml
16) T n-Octacosane (C28)	17.167	2743175	21.073 ug/ml
17) T n-Tricontane (C30)	18.057	2882052	22.600 ug/ml
18) T n-Dotriacontane (C32)	18.891	2955128	23.375 ug/ml
19) T n-Tetratriacontane (C34)	19.675	2789424	22.574 ug/ml
20) T n-Hexatriacontane (C36)	20.415	2729464	23.151 ug/ml
21) T n-Octatriacontane (C38)	21.147	2466581	20.638 ug/ml
22) T n-Tetracontane (C40)	22.046	2515897	20.730 ug/ml

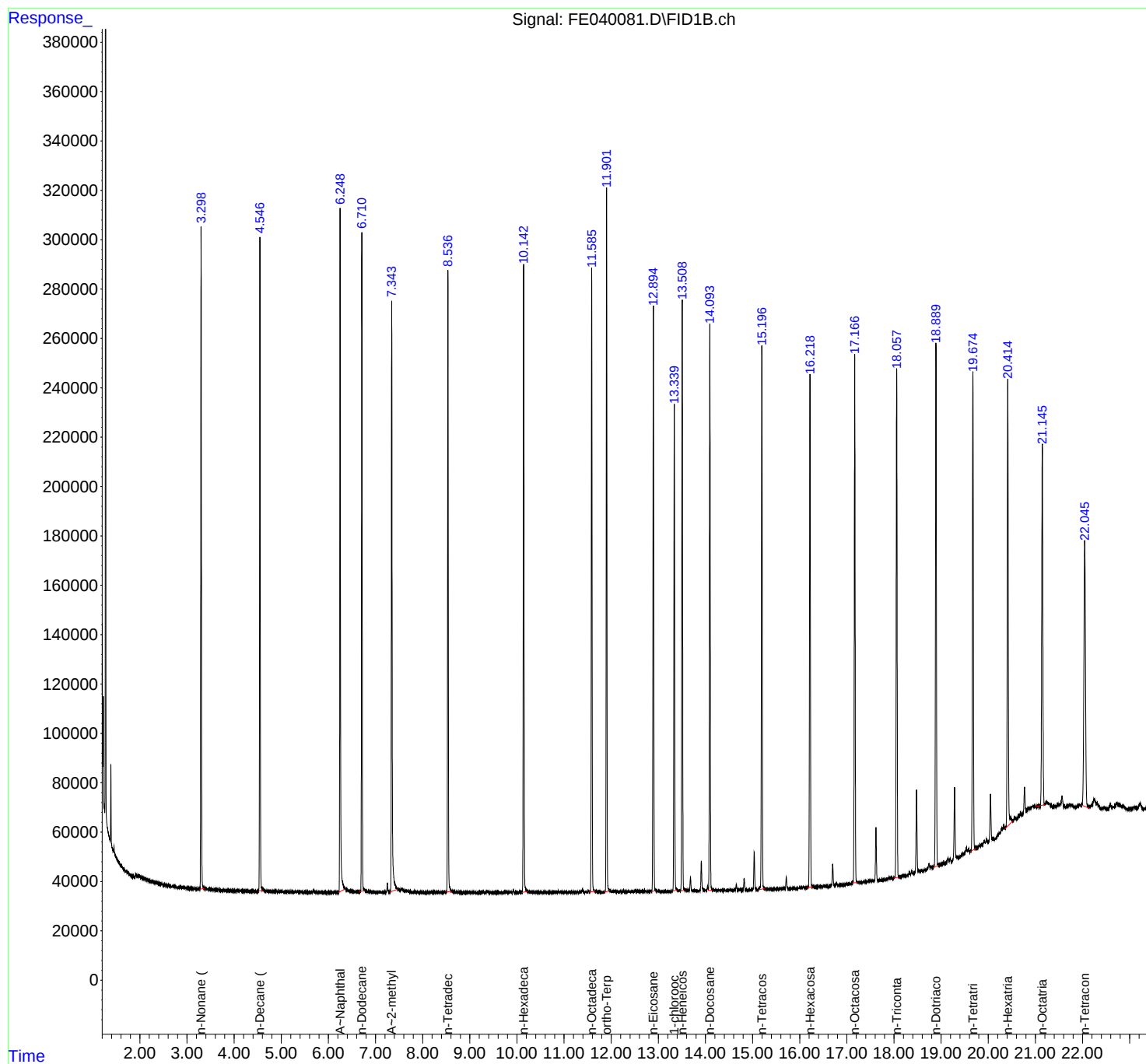
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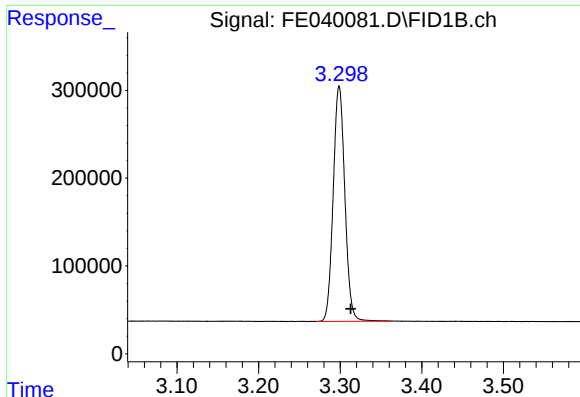
(m)=manual int.

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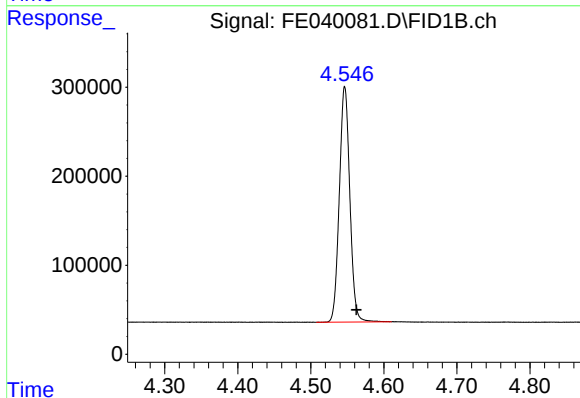
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Signal Info : 20M x 0.18mm x 0.18um





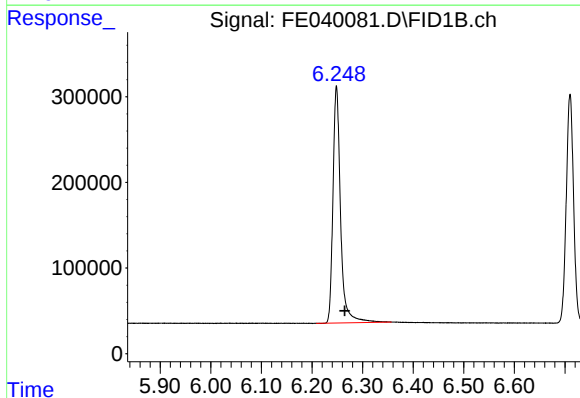
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: -0.014 min
Response: 2658016
Conc: 20.94 ug/ml



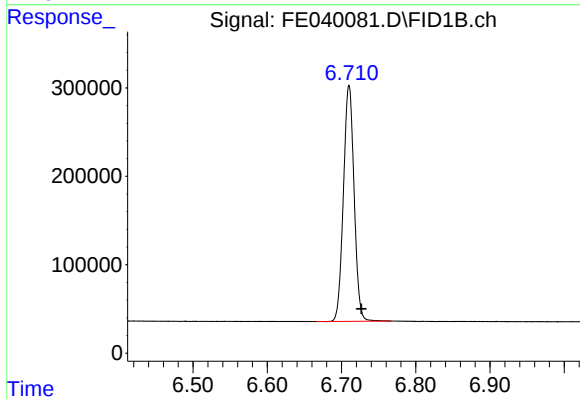
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: -0.016 min
Response: 2642167
Conc: 21.28 ug/ml



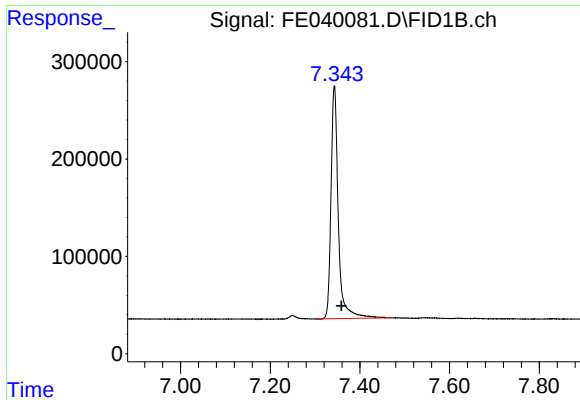
#3 A~Naphthalene (C11.7)

R.T.: 6.248 min
Delta R.T.: -0.016 min
Response: 2885713
Conc: 20.46 ug/ml



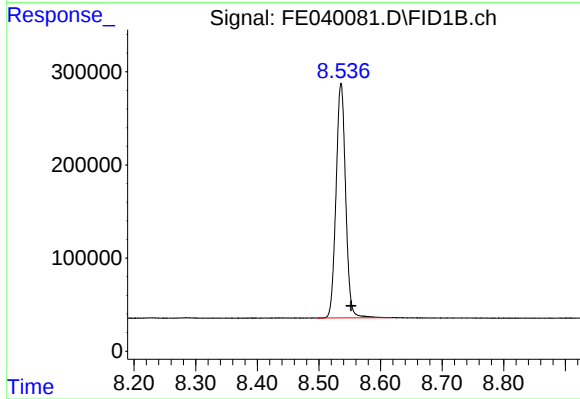
#4 n-Dodecane (C12)

R.T.: 6.710 min
Delta R.T.: -0.017 min
Response: 2671836
Conc: 21.25 ug/ml



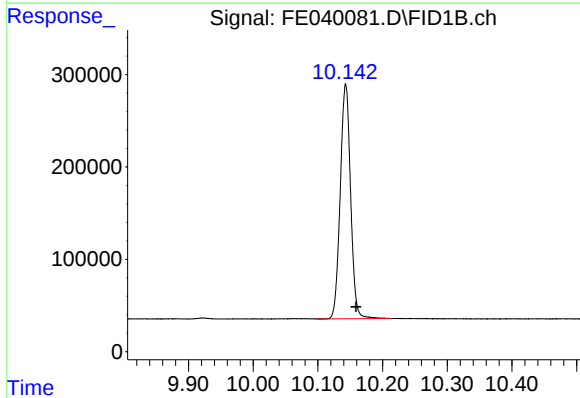
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.343 min
Delta R.T.: -0.016 min
Response: 2703868
Conc: 20.64 ug/ml



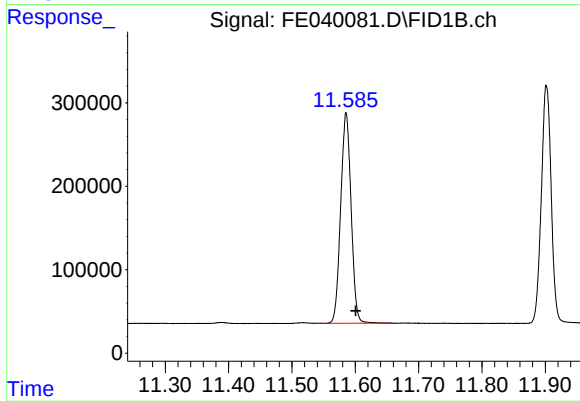
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: -0.016 min
Response: 2721510
Conc: 21.16 ug/ml



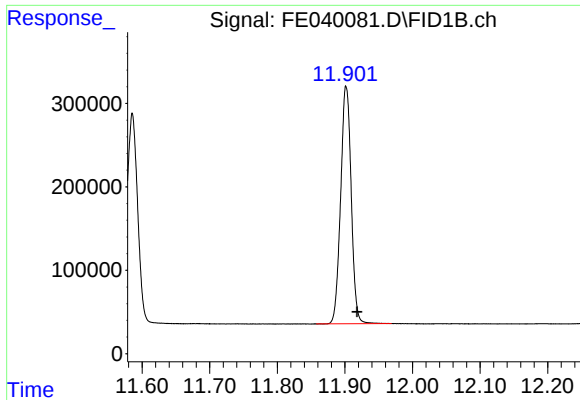
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.016 min
Response: 2824558
Conc: 20.94 ug/ml



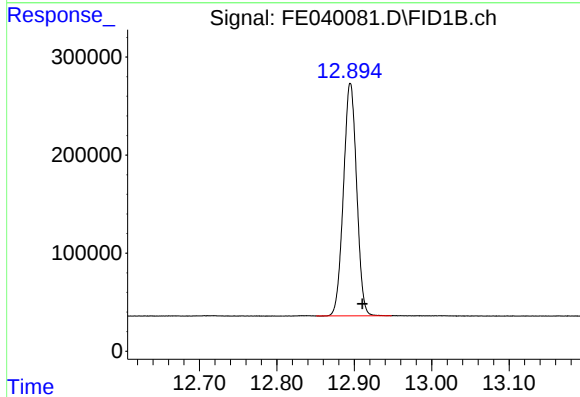
#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.015 min
Response: 2884737
Conc: 20.59 ug/ml



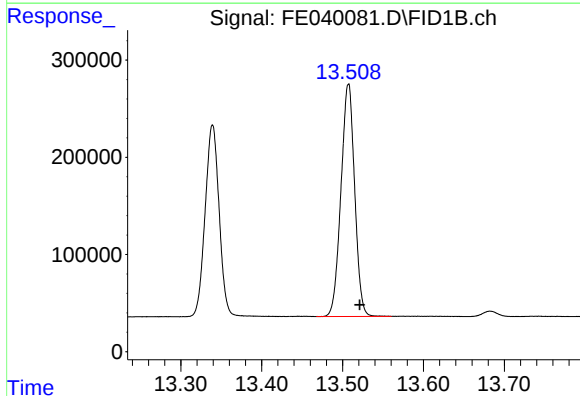
#9 ortho-Terphenyl (SURR)

R.T.: 11.902 min
Delta R.T.: -0.016 min
Response: 3091793
Conc: 20.13 ug/ml



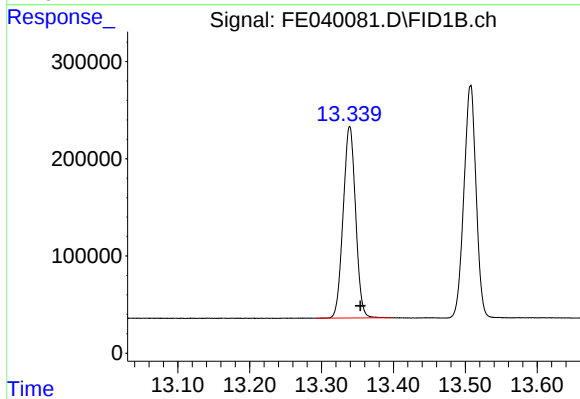
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.016 min
Response: 2813031
Conc: 20.30 ug/ml



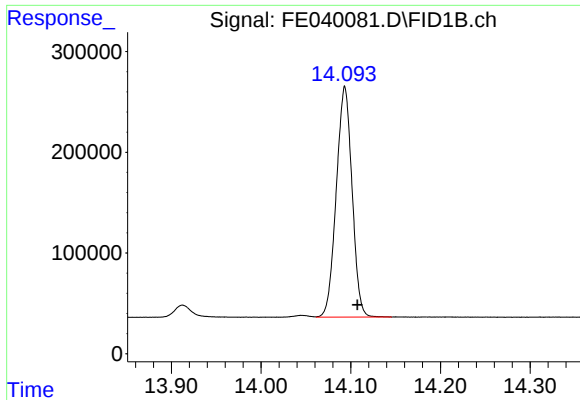
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.014 min
Response: 2814685
Conc: 20.17 ug/ml



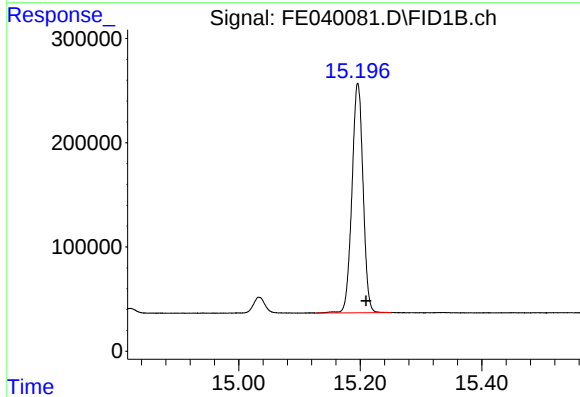
#12 1-chlorooctadecane (SURR)

R.T.: 13.339 min
Delta R.T.: -0.015 min
Response: 2365276
Conc: 20.27 ug/ml



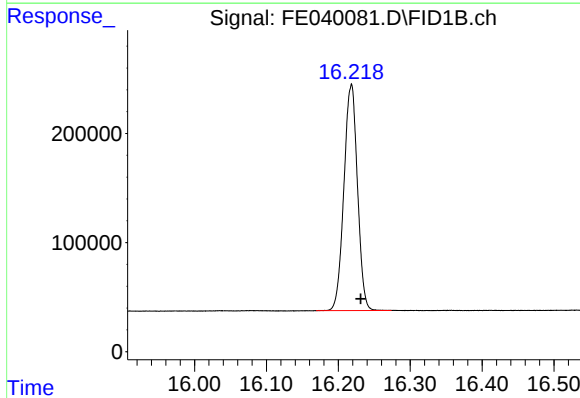
#13 n-Docosane (C22)

R.T.: 14.093 min
Delta R.T.: -0.014 min
Response: 2792388
Conc: 20.12 ug/ml



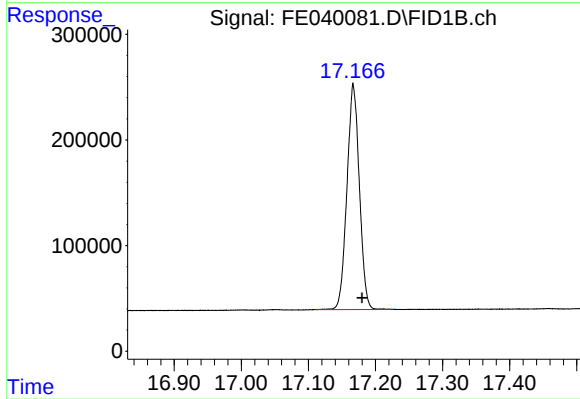
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.014 min
Response: 2790284
Conc: 20.27 ug/ml



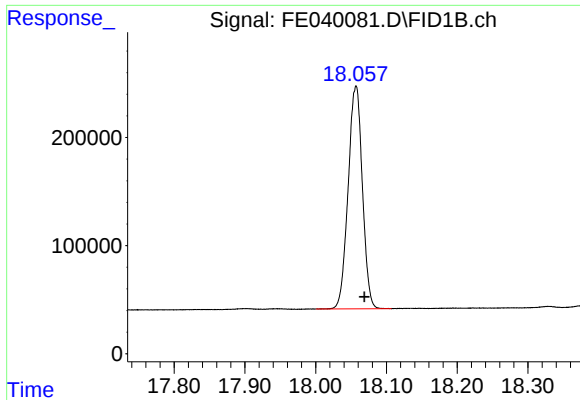
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.013 min
Response: 2710718
Conc: 20.31 ug/ml



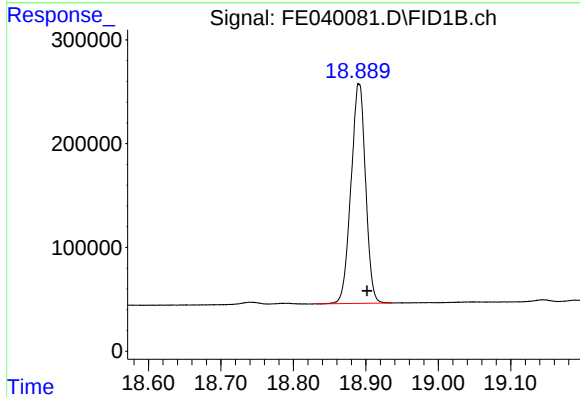
#16 n-Octacosane (C28)

R.T.: 17.167 min
Delta R.T.: -0.013 min
Response: 2743175
Conc: 21.07 ug/ml



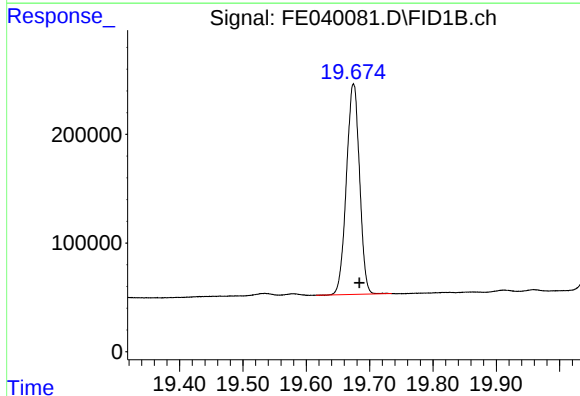
#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: -0.012 min
Response: 2882052
Conc: 22.60 ug/ml



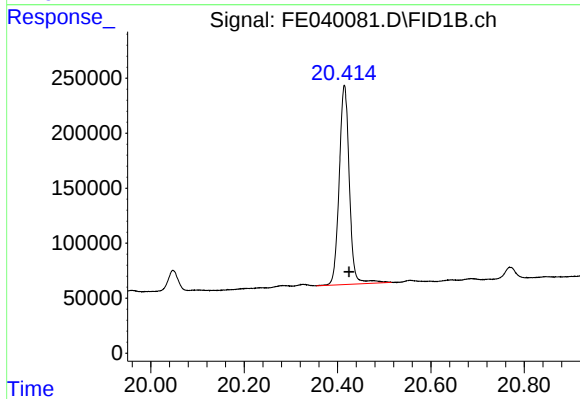
#18 n-Dotriacontane (C32)

R.T.: 18.891 min
Delta R.T.: -0.011 min
Response: 2955128
Conc: 23.38 ug/ml



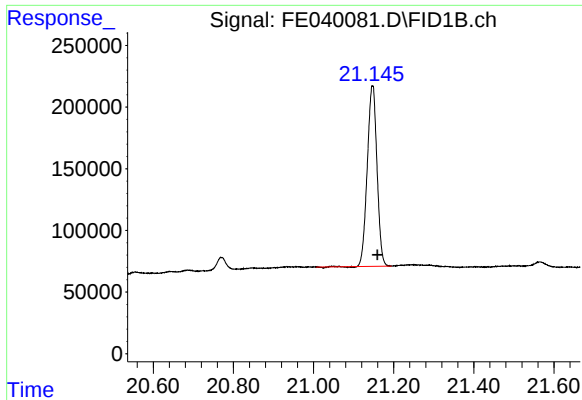
#19 n-Tetratriacontane (C34)

R.T.: 19.675 min
Delta R.T.: -0.009 min
Response: 2789424
Conc: 22.57 ug/ml



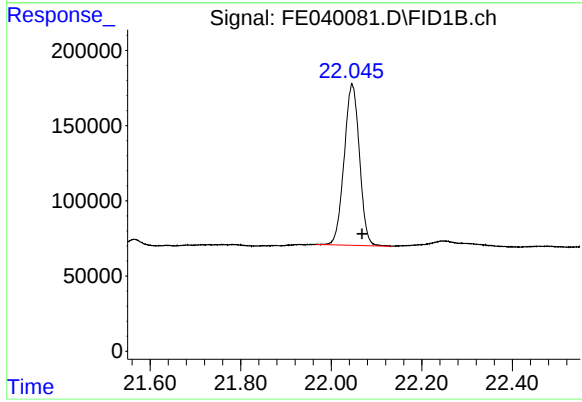
#20 n-Hexatriacontane (C36)

R.T.: 20.415 min
Delta R.T.: -0.010 min
Response: 2729464
Conc: 23.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.012 min
Response: 2466581
Conc: 20.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.046 min
Delta R.T.: -0.022 min
Response: 2515897
Conc: 20.73 ug/ml