

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020123AL\
 Data File : FE040151.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2023 12:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 00:08:35 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)	11.898	2914944	18.982 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
12) S 1-chlorooctadecane (S...	13.335	2233678	19.141 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
Target Compounds			
1) T n-Nonane (C9)	3.293	2383438	18.777 ug/ml
2) T n-Decane (C10)	4.542	2352267	18.941 ug/ml
3) T A~Naphthalene (C11.7)	6.244	2612855	18.527 ug/ml
4) T n-Dodecane (C12)	6.706	2401458	19.101 ug/ml
5) T A~2-methylnaphthalene...	7.339	2427841	18.536 ug/ml
6) T n-Tetradecane (C14)	8.532	2458279	19.114 ug/ml
7) T n-Hexadecane (C16)	10.139	2584137	19.155 ug/ml
8) T n-Octadecane (C18)	11.581	2683764	19.153 ug/ml
10) T n-Eicosane (C20)	12.890	2666181	19.243 ug/ml
11) T n-Heneicosane (C21)	13.503	2658091	19.049 ug/ml
13) T n-Docosane (C22)	14.089	2719665	19.594 ug/ml
14) T n-Tetracosane (C24)	15.192	2814161	20.440 ug/ml
15) T n-Hexacosane (C26)	16.213	2816533	21.103 ug/ml
16) T n-Octacosane (C28)	17.164	2886216	22.172 ug/ml
17) T n-Tricontane (C30)	18.053	2912816	22.841 ug/ml
18) T n-Dotriacontane (C32)	18.886	2866073	22.671 ug/ml
19) T n-Tetratriacontane (C34)	19.670	2549121	20.629 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2259497	19.165 ug/ml
21) T n-Octatriacontane (C38)	21.142	2118504	17.725 ug/ml
22) T n-Tetracontane (C40)	22.043	2113285	17.412 ug/ml

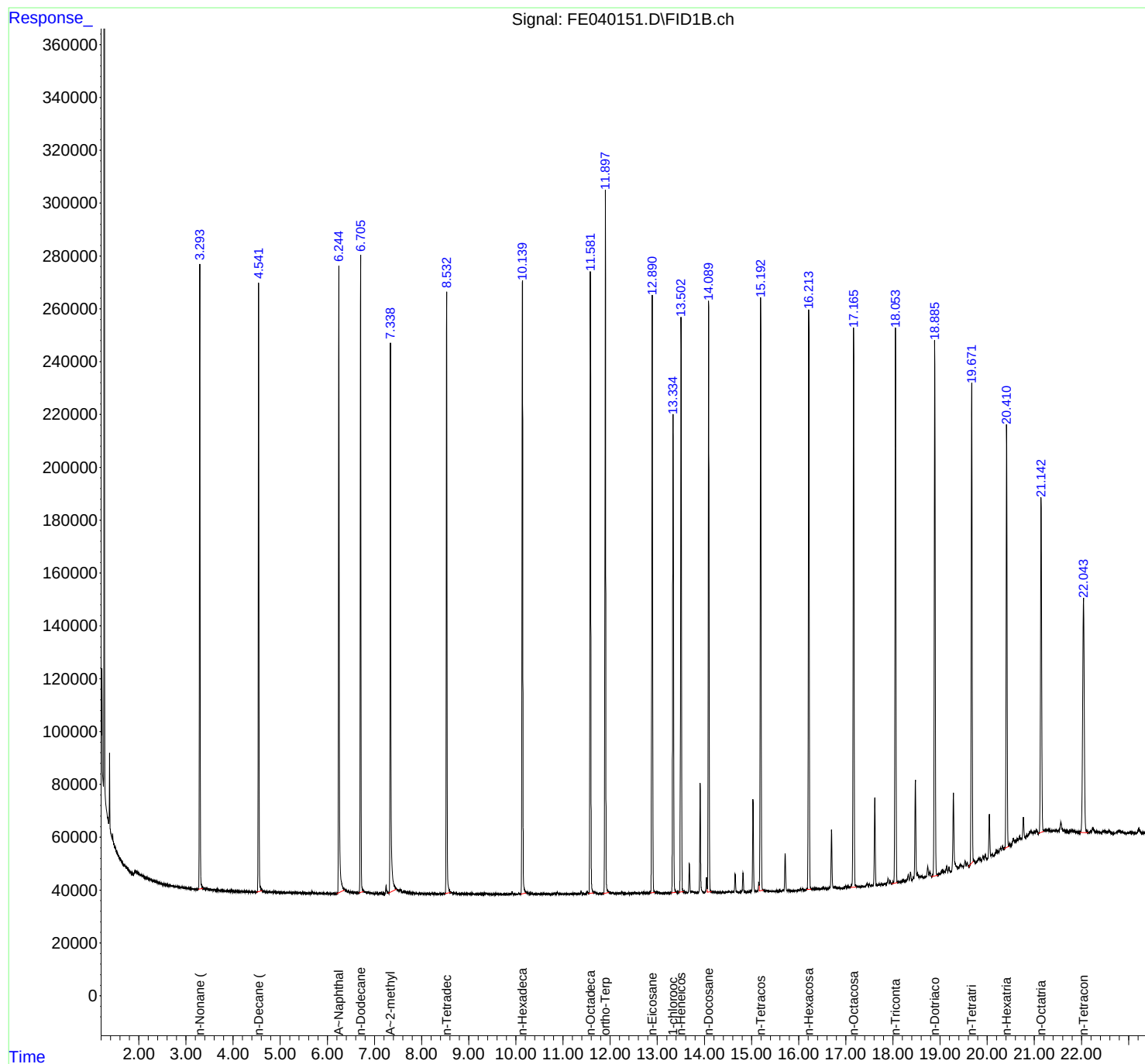
(f)=RT Delta > 1/2 Window

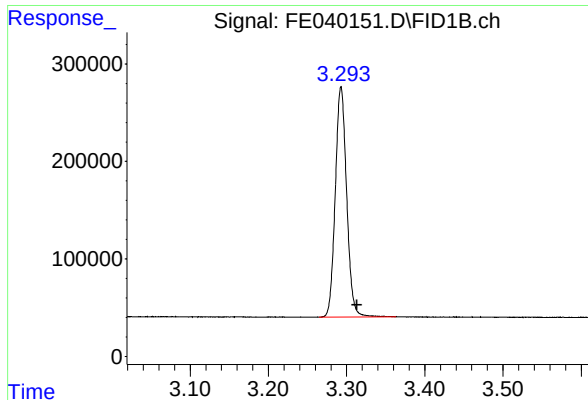
(m)=manual int.

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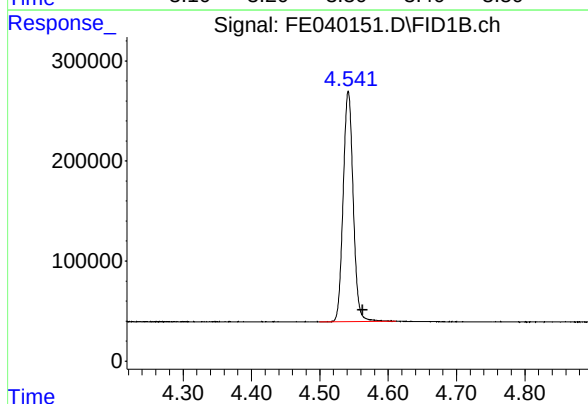
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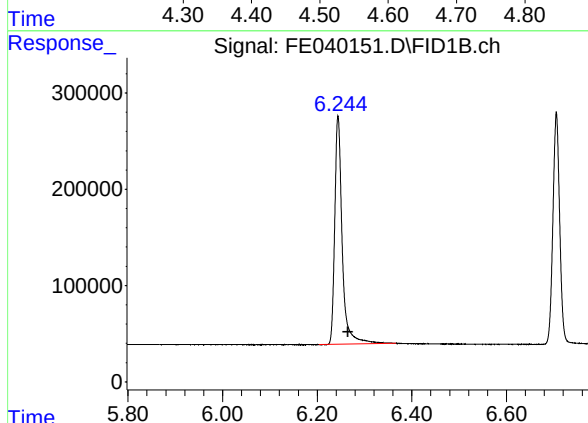
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.020 min
Response: 2383438
Conc: 18.78 ug/ml



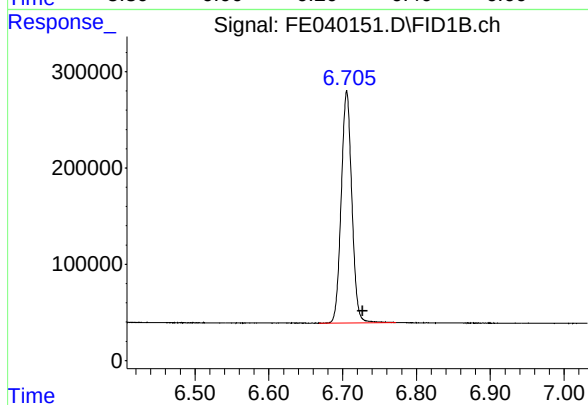
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.021 min
Response: 2352267
Conc: 18.94 ug/ml



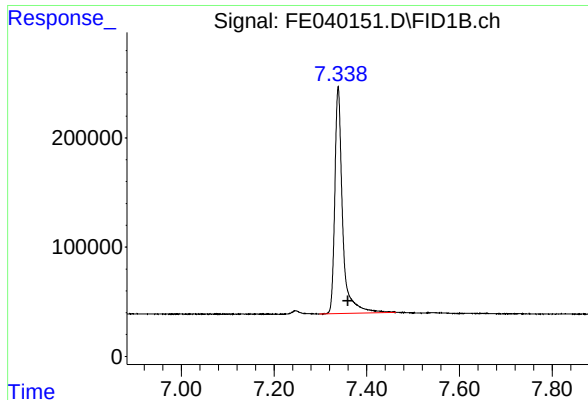
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: -0.020 min
Response: 2612855
Conc: 18.53 ug/ml



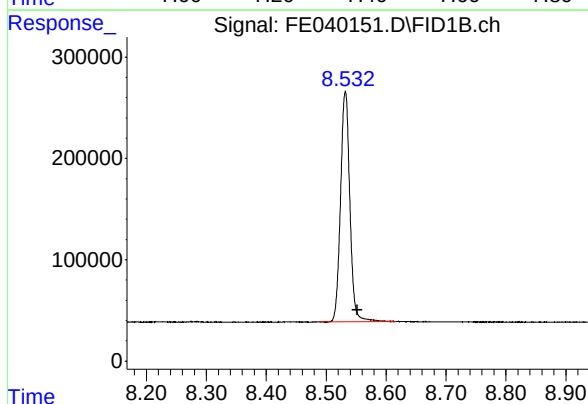
#4 n-Dodecane (C12)

R.T.: 6.706 min
Delta R.T.: -0.021 min
Response: 2401458
Conc: 19.10 ug/ml



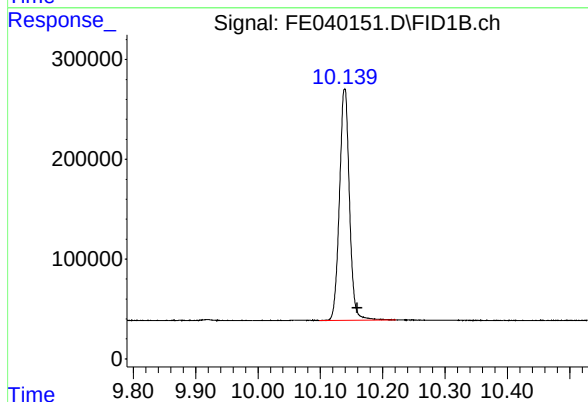
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: -0.021 min
Response: 2427841
Conc: 18.54 ug/ml



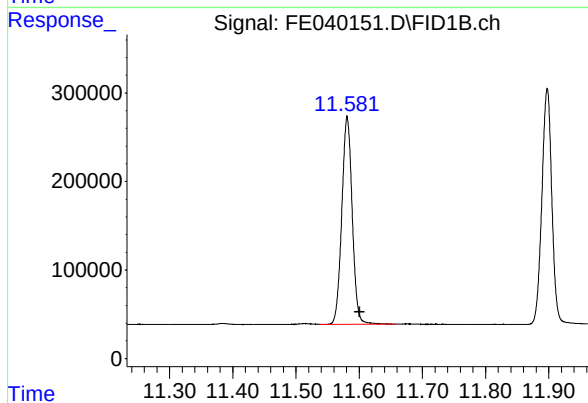
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: -0.020 min
Response: 2458279
Conc: 19.11 ug/ml



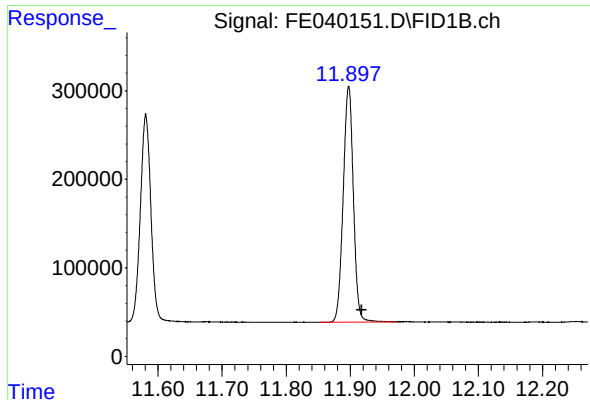
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: -0.020 min
Response: 2584137
Conc: 19.16 ug/ml



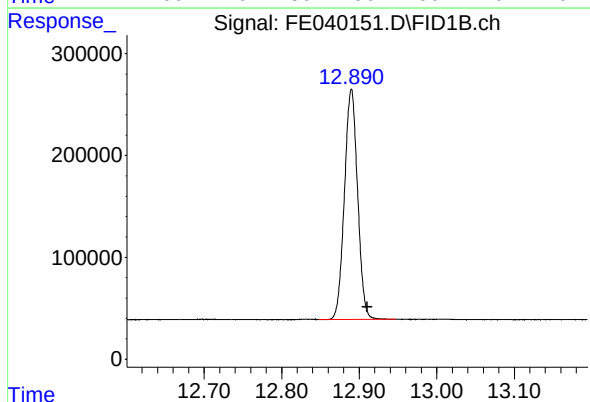
#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: -0.020 min
Response: 2683764
Conc: 19.15 ug/ml



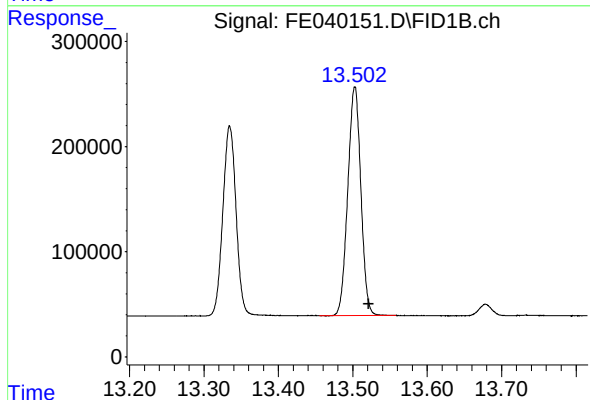
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min
Delta R.T.: -0.020 min
Response: 2914944
Conc: 18.98 ug/ml



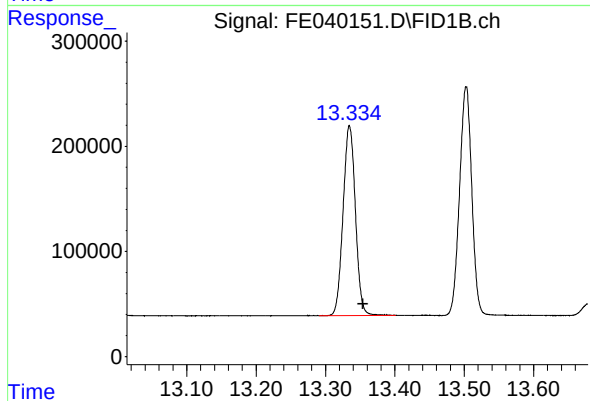
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: -0.021 min
Response: 2666181
Conc: 19.24 ug/ml



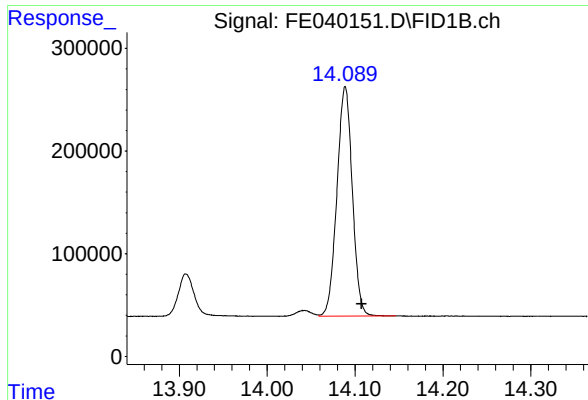
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: -0.019 min
Response: 2658091
Conc: 19.05 ug/ml



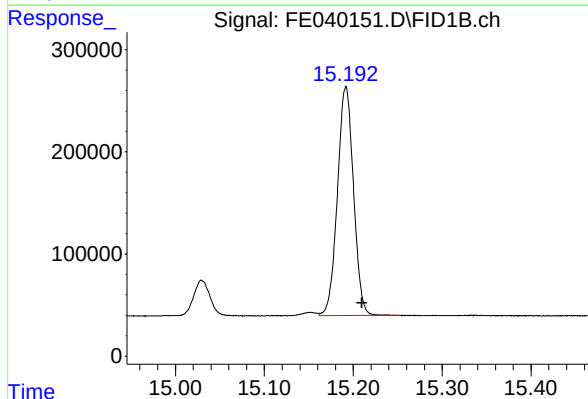
#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: -0.019 min
Response: 2233678
Conc: 19.14 ug/ml



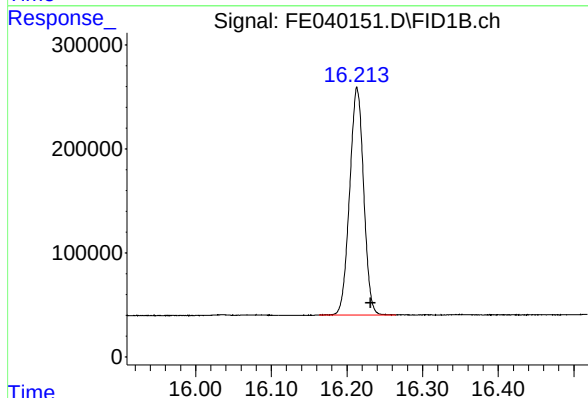
#13 n-Docosane (C22)

R.T.: 14.089 min
Delta R.T.: -0.019 min
Response: 2719665
Conc: 19.59 ug/ml



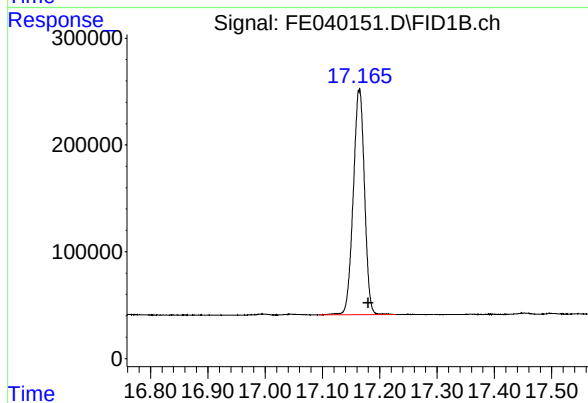
#14 n-Tetracosane (C24)

R.T.: 15.192 min
Delta R.T.: -0.018 min
Response: 2814161
Conc: 20.44 ug/ml



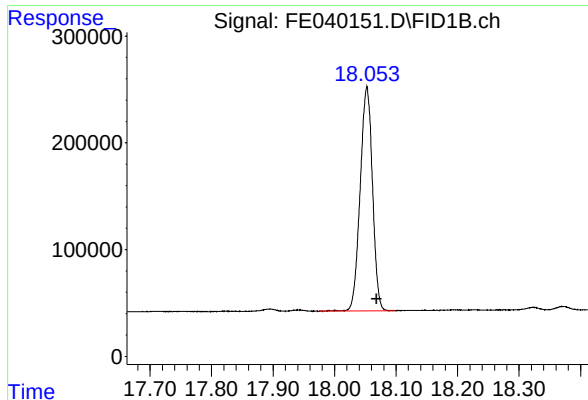
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: -0.018 min
Response: 2816533
Conc: 21.10 ug/ml



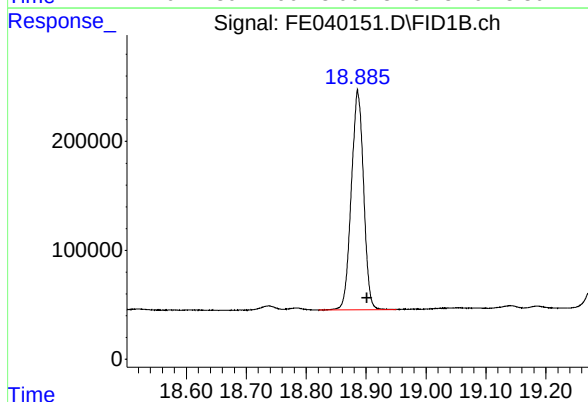
#16 n-Octacosane (C28)

R.T.: 17.164 min
Delta R.T.: -0.016 min
Response: 2886216
Conc: 22.17 ug/ml



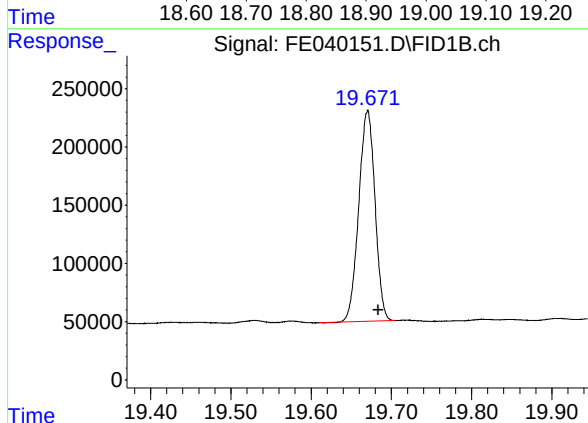
#17 n-Tricontane (C30)

R.T.: 18.053 min
Delta R.T.: -0.016 min
Response: 2912816
Conc: 22.84 ug/ml



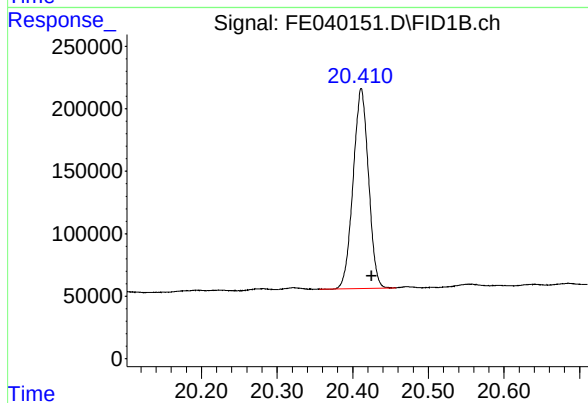
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.015 min
Response: 2866073
Conc: 22.67 ug/ml



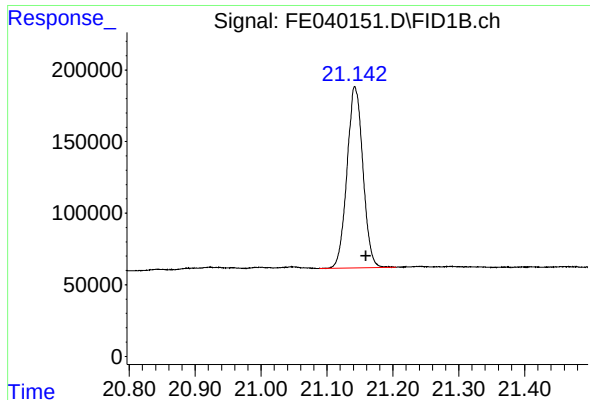
#19 n-Tetratriacontane (C34)

R.T.: 19.670 min
Delta R.T.: -0.013 min
Response: 2549121
Conc: 20.63 ug/ml



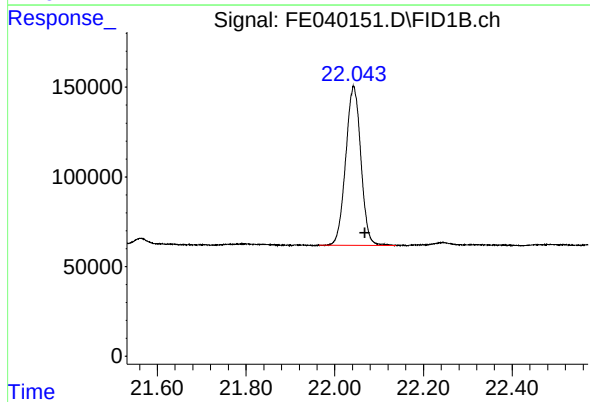
#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: -0.014 min
Response: 2259497
Conc: 19.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.142 min
Delta R.T.: -0.017 min
Response: 2118504
Conc: 17.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.043 min
Delta R.T.: -0.025 min
Response: 2113285
Conc: 17.41 ug/ml