

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013123AL\
 Data File : FE040145.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2023 09:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 01 09:40:23 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	3094892	20.153 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
12) S 1-chlorooctadecane (S...	13.336	2367570	20.288 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T n-Nonane (C9)	3.294	2545591	20.054 ug/ml
2) T n-Decane (C10)	4.542	2530877	20.380 ug/ml
3) T A~Naphthalene (C11.7)	6.244	2801028	19.862 ug/ml
4) T n-Dodecane (C12)	6.706	2567861	20.424 ug/ml
5) T A~2-methylnaphthalene...	7.340	2627896	20.064 ug/ml
6) T n-Tetradecane (C14)	8.533	2632166	20.466 ug/ml
7) T n-Hexadecane (C16)	10.140	2747731	20.368 ug/ml
8) T n-Octadecane (C18)	11.582	2843030	20.289 ug/ml
10) T n-Eicosane (C20)	12.892	2804518	20.242 ug/ml
11) T n-Heneicosane (C21)	13.503	2815209	20.175 ug/ml
13) T n-Docosane (C22)	14.090	2819669	20.314 ug/ml
14) T n-Tetracosane (C24)	15.193	2881405	20.928 ug/ml
15) T n-Hexacosane (C26)	16.214	2797239	20.959 ug/ml
16) T n-Octacosane (C28)	17.165	2852734	21.914 ug/ml
17) T n-Tricontane (C30)	18.054	2876264	22.554 ug/ml
18) T n-Dotriacontane (C32)	18.886	2886054	22.829 ug/ml
19) T n-Tetratriacontane (C34)	19.671	2698320	21.837 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2484379	21.072 ug/ml
21) T n-Octatriacontane (C38)	21.145	2416204	20.216 ug/ml
22) T n-Tetracontane (C40)	22.042	2416730	19.912 ug/ml

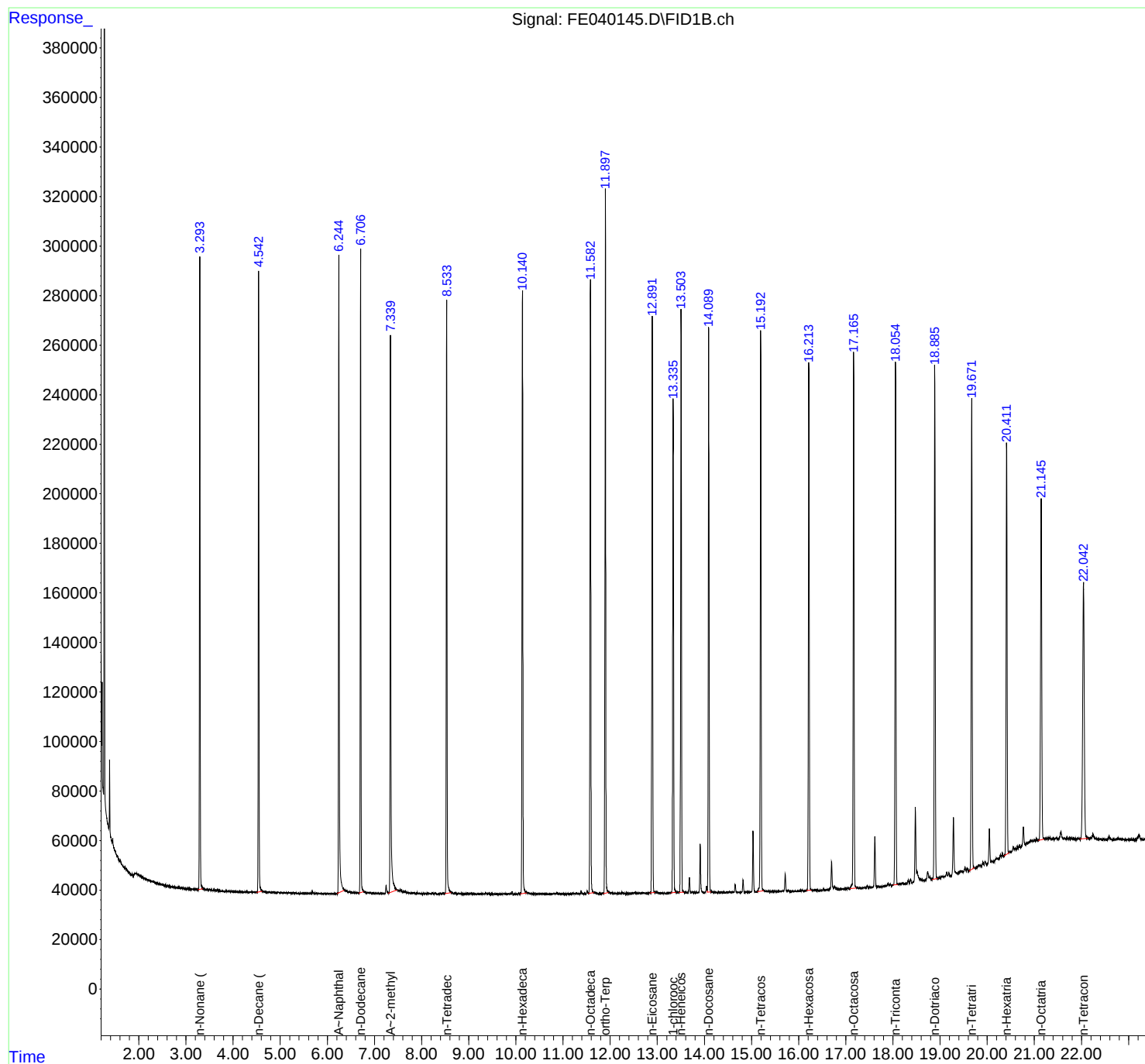
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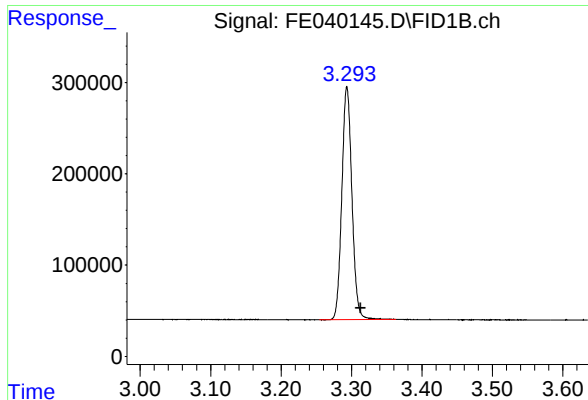
(m)=manual int.

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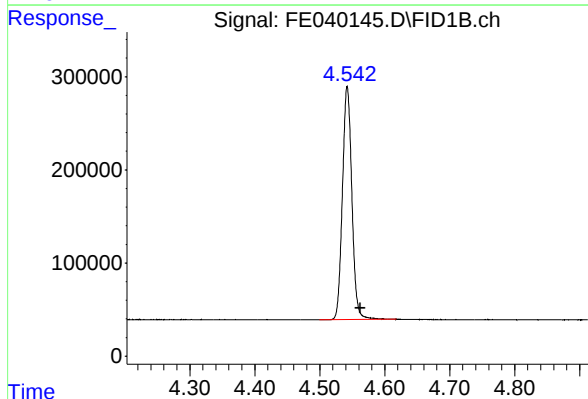
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Signal Info : 20M x 0.18mm x 0.18um





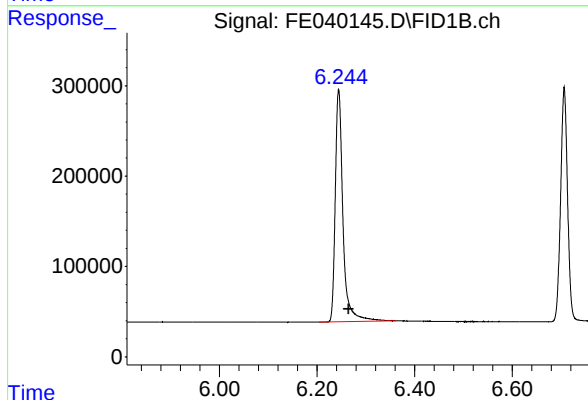
#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: -0.019 min
Response: 2545591
Conc: 20.05 ug/ml



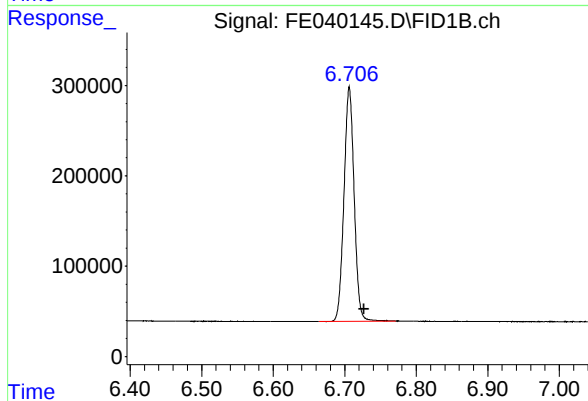
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.020 min
Response: 2530877
Conc: 20.38 ug/ml



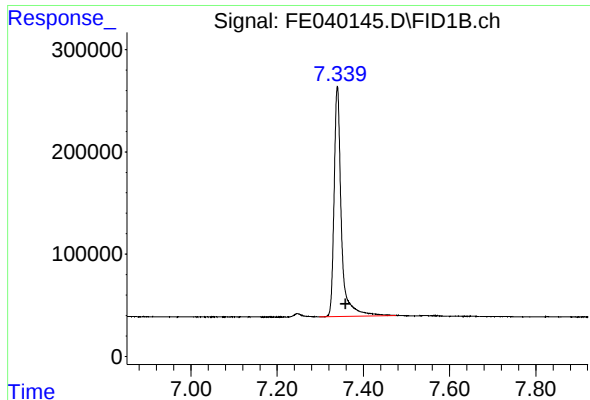
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: -0.020 min
Response: 2801028
Conc: 19.86 ug/ml



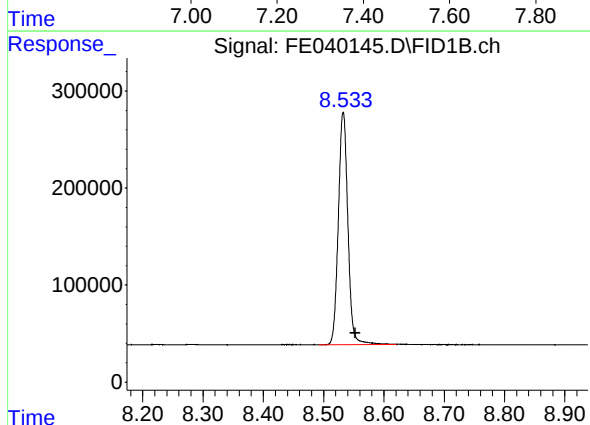
#4 n-Dodecane (C12)

R.T.: 6.706 min
Delta R.T.: -0.020 min
Response: 2567861
Conc: 20.42 ug/ml



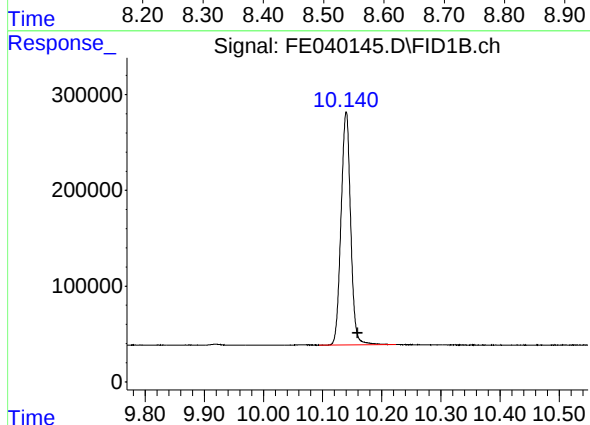
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.340 min
Delta R.T.: -0.020 min
Response: 2627896
Conc: 20.06 ug/ml



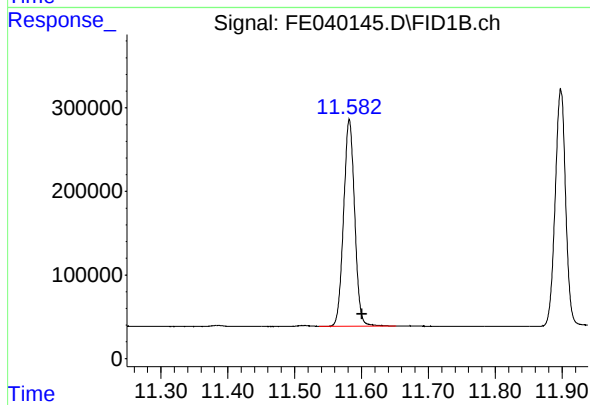
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: -0.020 min
Response: 2632166
Conc: 20.47 ug/ml



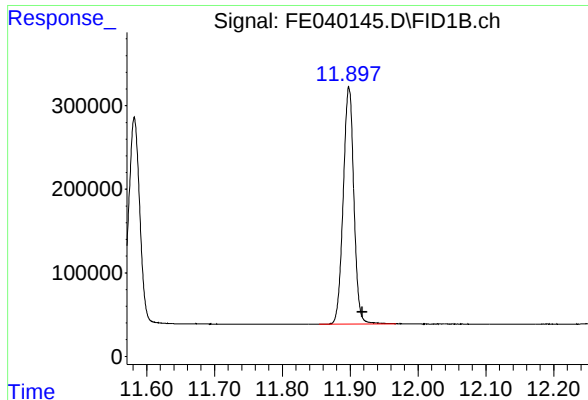
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.019 min
Response: 2747731
Conc: 20.37 ug/ml



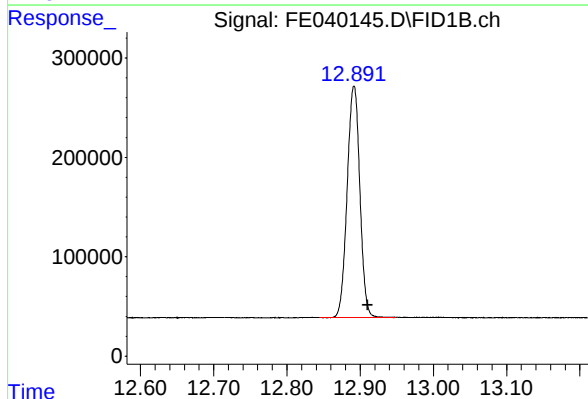
#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.019 min
Response: 2843030
Conc: 20.29 ug/ml



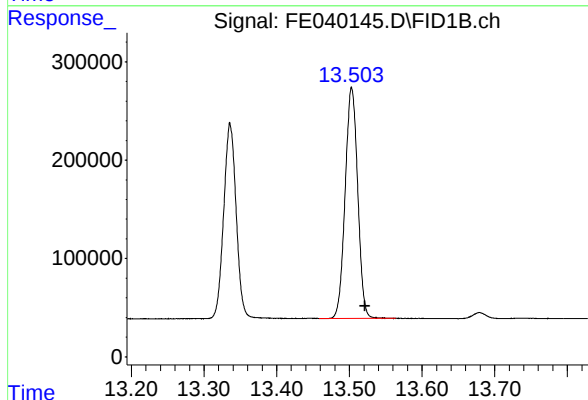
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min
Delta R.T.: -0.020 min
Response: 3094892
Conc: 20.15 ug/ml



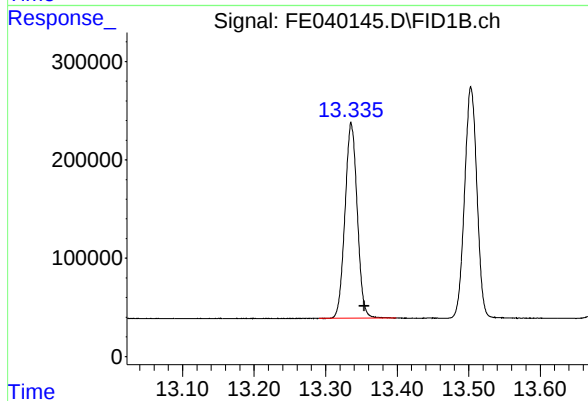
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.019 min
Response: 2804518
Conc: 20.24 ug/ml



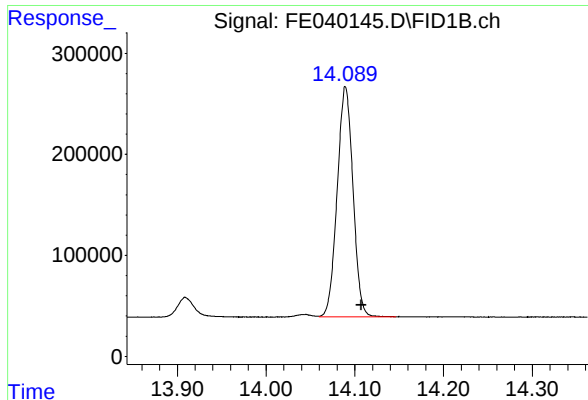
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: -0.018 min
Response: 2815209
Conc: 20.17 ug/ml



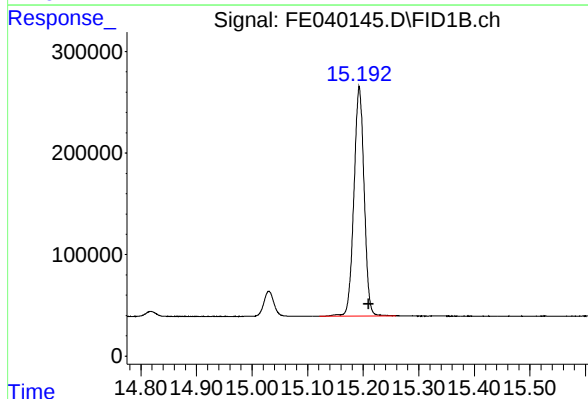
#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: -0.018 min
Response: 2367570
Conc: 20.29 ug/ml



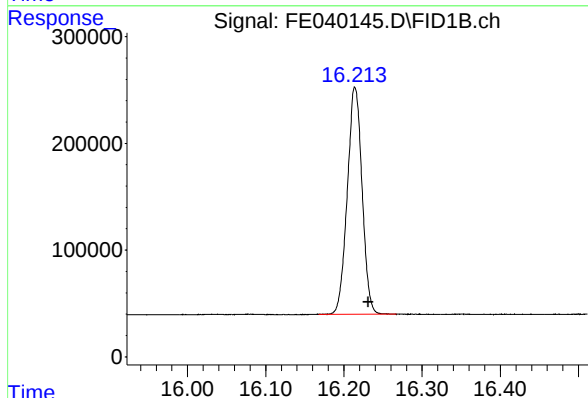
#13 n-Docosane (C22)

R.T.: 14.090 min
Delta R.T.: -0.018 min
Response: 2819669
Conc: 20.31 ug/ml



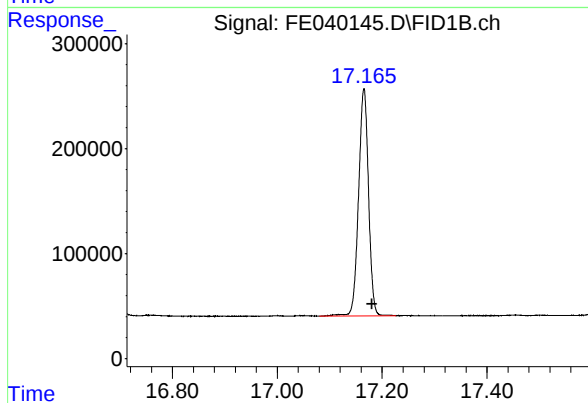
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: -0.017 min
Response: 2881405
Conc: 20.93 ug/ml



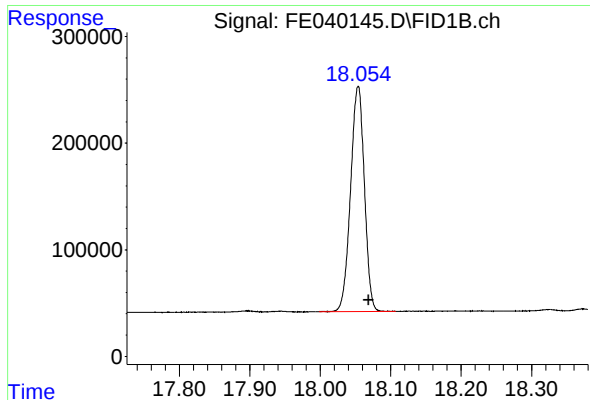
#15 n-Hexacosane (C26)

R.T.: 16.214 min
Delta R.T.: -0.017 min
Response: 2797239
Conc: 20.96 ug/ml



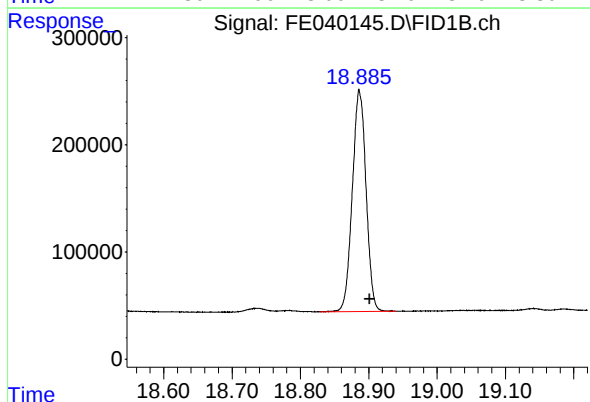
#16 n-Octacosane (C28)

R.T.: 17.165 min
Delta R.T.: -0.015 min
Response: 2852734
Conc: 21.91 ug/ml



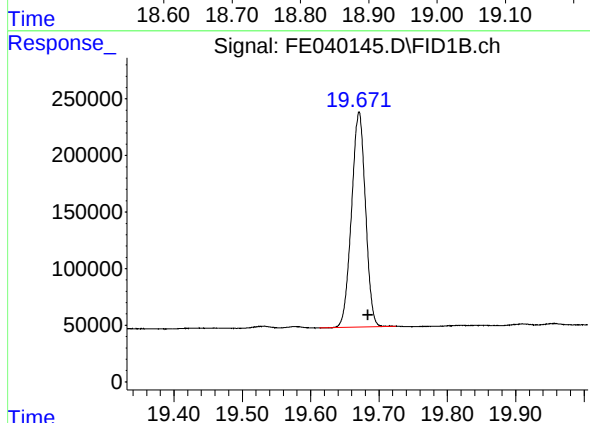
#17 n-Tricontane (C30)

R.T.: 18.054 min
Delta R.T.: -0.015 min
Response: 2876264
Conc: 22.55 ug/ml



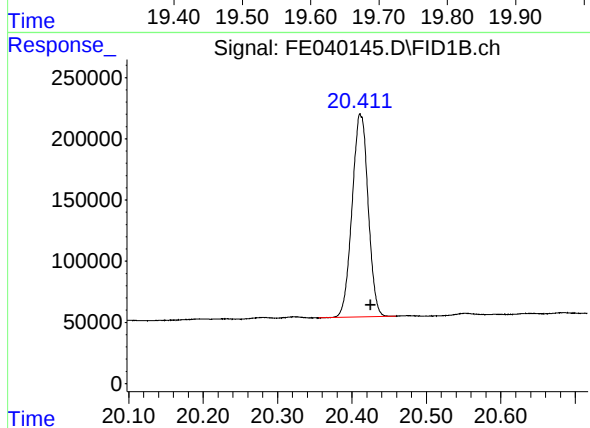
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.015 min
Response: 2886054
Conc: 22.83 ug/ml



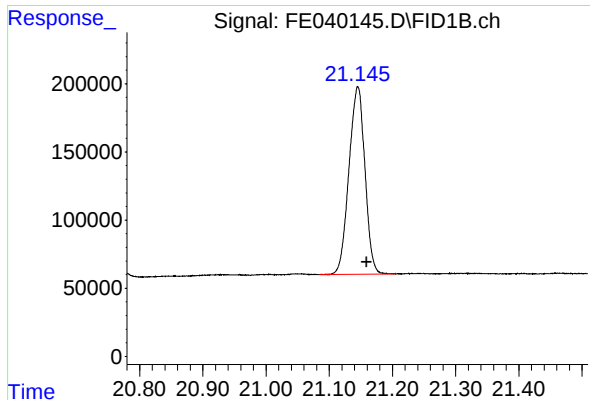
#19 n-Tetatriacontane (C34)

R.T.: 19.671 min
Delta R.T.: -0.013 min
Response: 2698320
Conc: 21.84 ug/ml



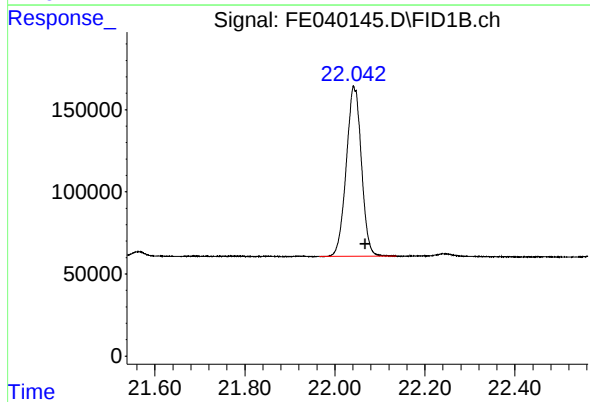
#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: -0.014 min
Response: 2484379
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: -0.014 min
Response: 2416204
Conc: 20.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: -0.026 min
Response: 2416730
Conc: 19.91 ug/ml