

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011124AL\
 Data File : FE046173.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jan 2024 11:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 01:46:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.830	3295843	18.136 ug/ml
Spiked Amount 50.000		Recovery =	36.27%
12) S 1-chlorooctadecane (S...	13.273	2449670	18.334 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
Target Compounds			
1) T n-Nonane (C9)	3.216	2553711	16.686 ug/ml
2) T n-Decane (C10)	4.467	2627964	16.933 ug/ml
3) T A~Naphthalene (C11.7)	6.170	2804629	16.864 ug/ml
4) T n-Dodecane (C12)	6.635	2683645	17.188 ug/ml
5) T A~2-methylnaphthalene...	7.267	2743427	17.231 ug/ml
6) T n-Tetradecane (C14)	8.461	2698417	17.323 ug/ml
7) T n-Hexadecane (C16)	10.071	2796403	17.659 ug/ml
8) T n-Octadecane (C18)	11.517	2839886	18.043 ug/ml
10) T n-Eicosane (C20)	12.829	2773245	18.332 ug/ml
11) T n-Heneicosane (C21)	13.440	2705559	18.399 ug/ml
13) T n-Docosane (C22)	14.029	2744687	18.777 ug/ml
14) T n-Tetracosane (C24)	15.135	2867002	19.768 ug/ml
15) T n-Hexacosane (C26)	16.158	2864584	19.981 ug/ml
16) T n-Octacosane (C28)	17.112	2981343	20.788 ug/ml
17) T n-Tricontane (C30)	18.002	3164283	21.289 ug/ml
18) T n-Dotriacontane (C32)	18.838	3146824	21.040 ug/ml
19) T n-Tetratriacontane (C34)	19.624	2939140	20.517 ug/ml
20) T n-Hexatriacontane (C36)	20.365	2704201	18.547 ug/ml
21) T n-Octatriacontane (C38)	21.098	2734119	18.542 ug/ml
22) T n-Tetracontane (C40)	21.995	2742286	17.520 ug/ml

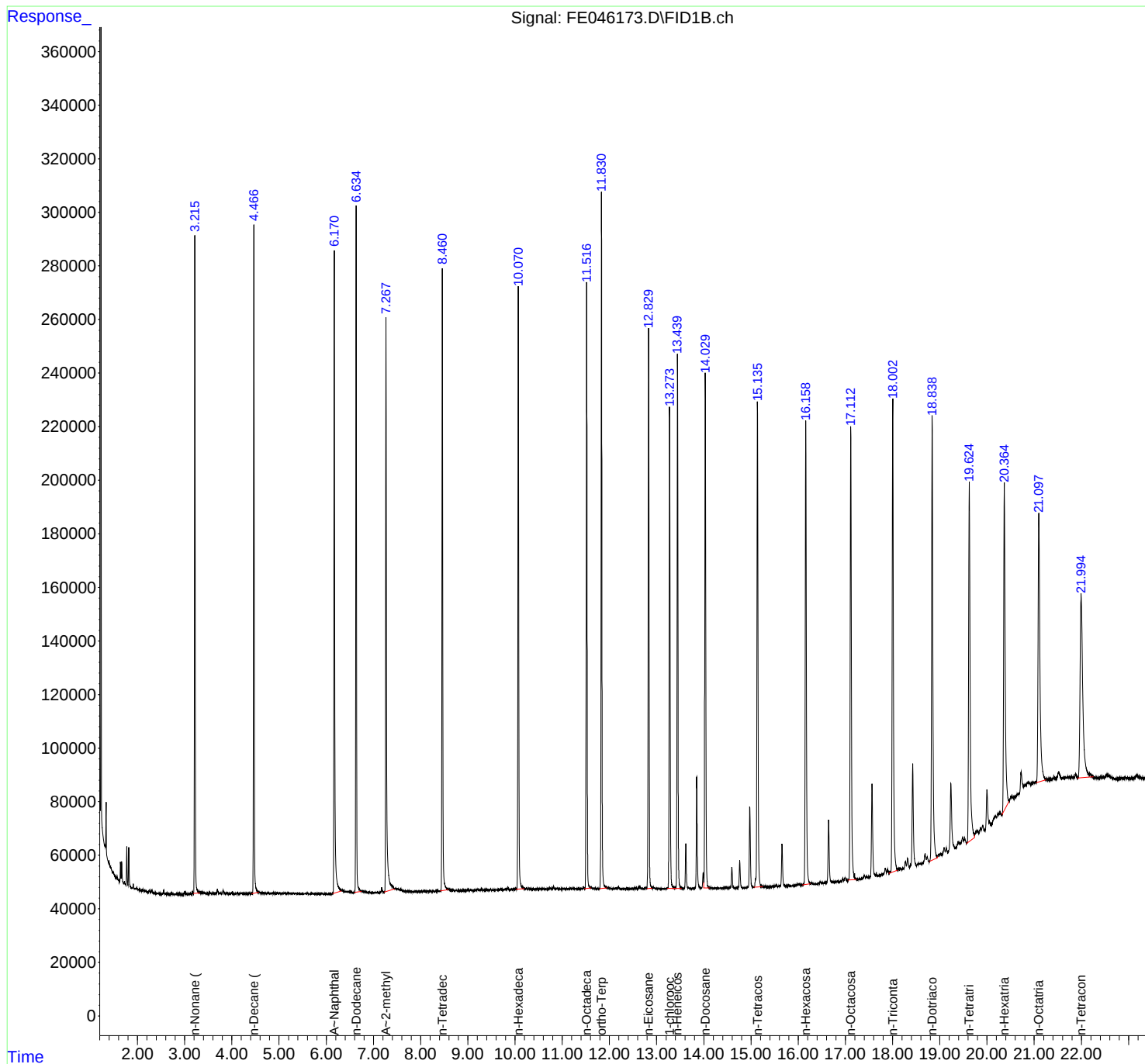
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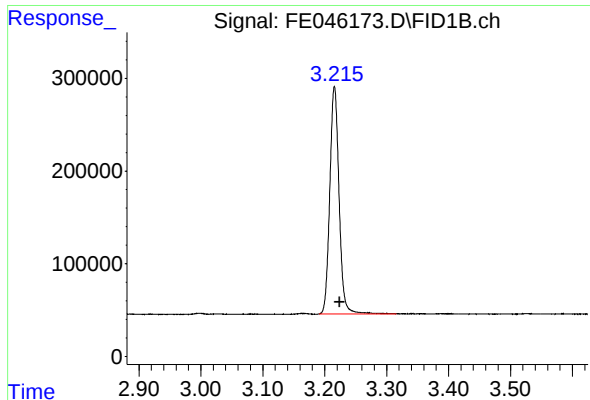
(m)=manual int.

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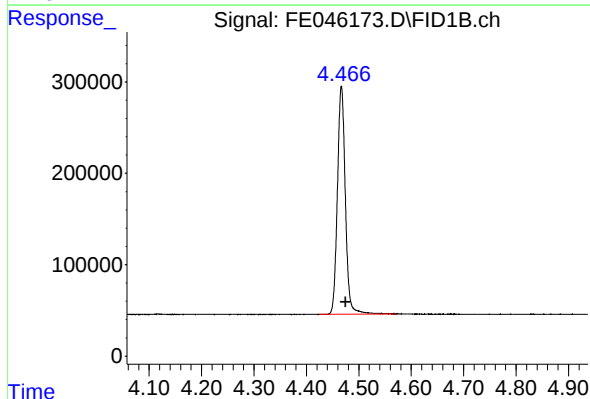
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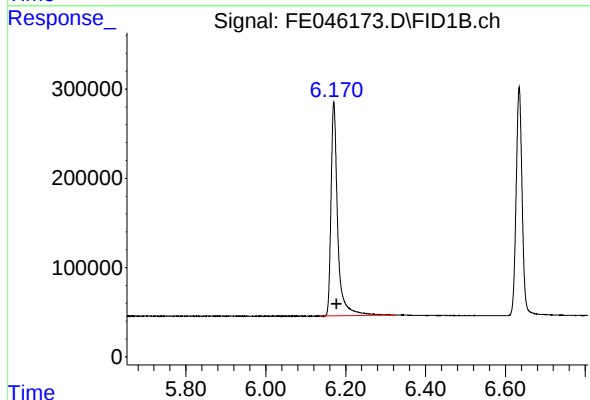
#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: -0.008 min
Response: 2553711
Conc: 16.69 ug/ml



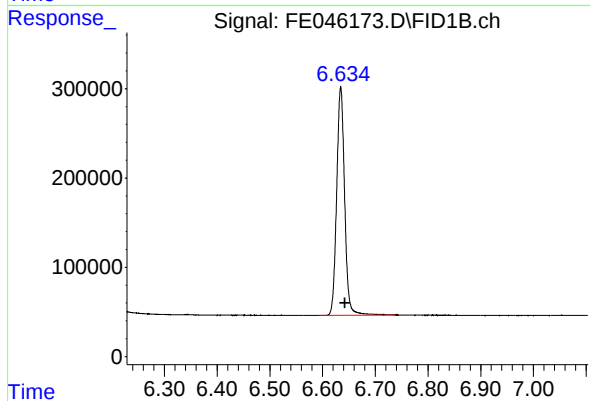
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.008 min
Response: 2627964
Conc: 16.93 ug/ml



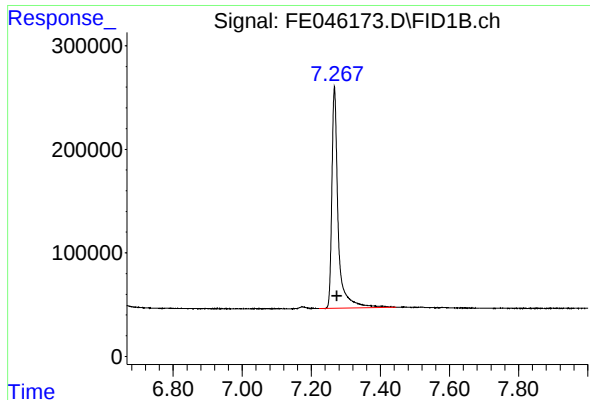
#3 A~Naphthalene (C11.7)

R.T.: 6.170 min
Delta R.T.: -0.007 min
Response: 2804629
Conc: 16.86 ug/ml



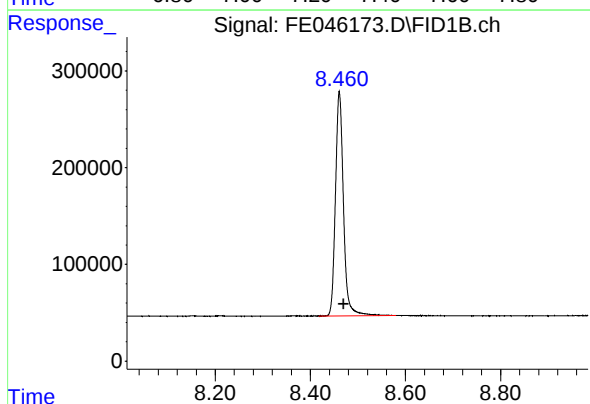
#4 n-Dodecane (C12)

R.T.: 6.635 min
Delta R.T.: -0.008 min
Response: 2683645
Conc: 17.19 ug/ml



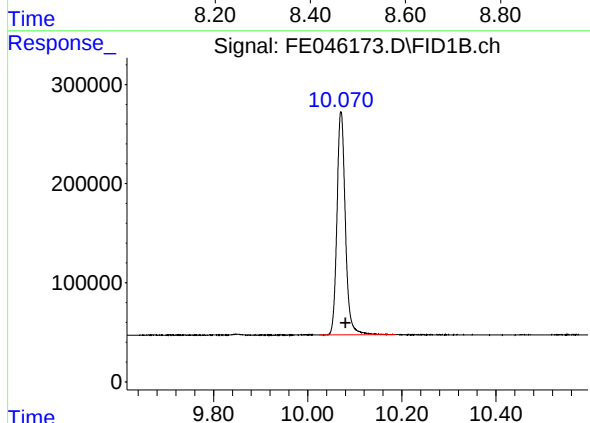
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 2743427
Conc: 17.23 ug/ml



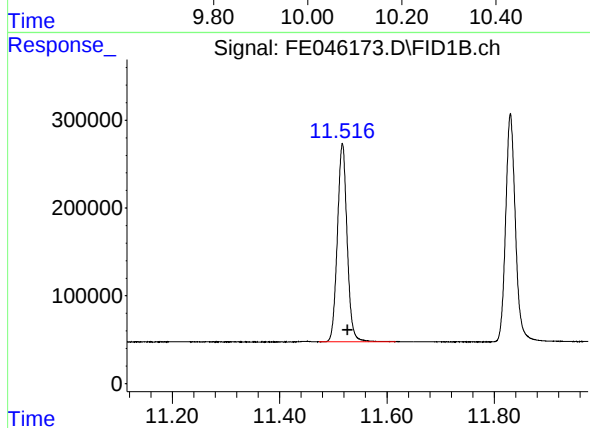
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.009 min
Response: 2698417
Conc: 17.32 ug/ml



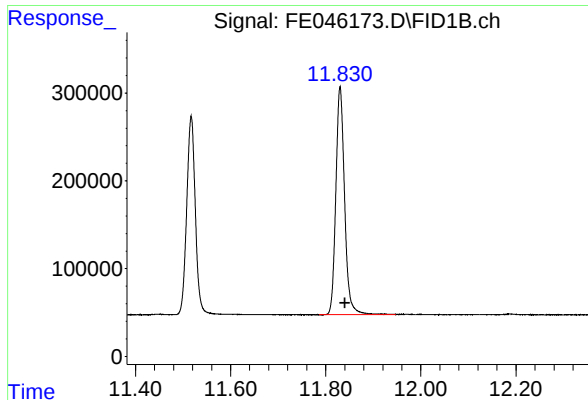
#7 n-Hexadecane (C16)

R.T.: 10.071 min
Delta R.T.: -0.010 min
Response: 2796403
Conc: 17.66 ug/ml



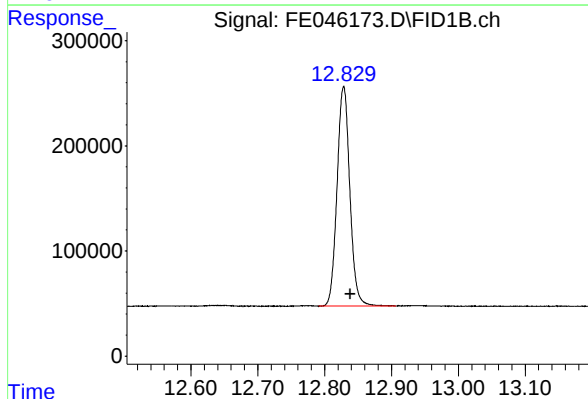
#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.010 min
Response: 2839886
Conc: 18.04 ug/ml



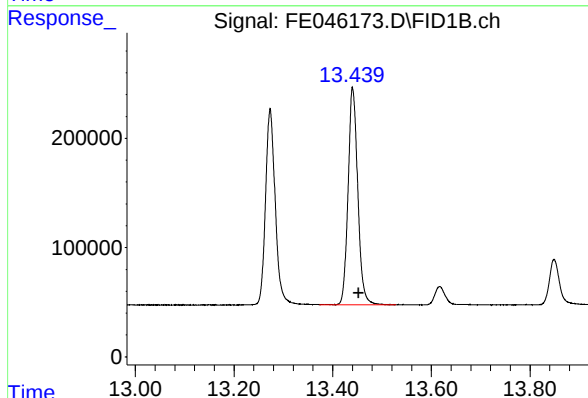
#9 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: -0.010 min
Response: 3295843
Conc: 18.14 ug/ml



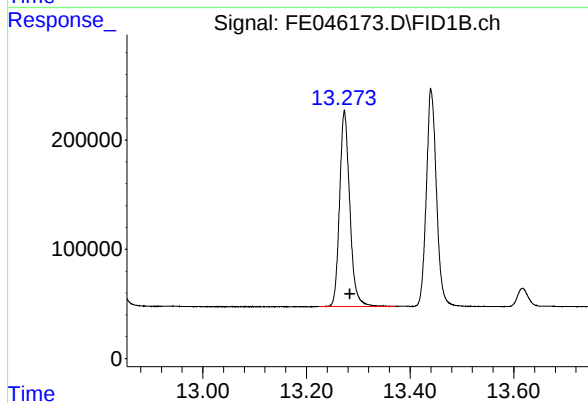
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.010 min
Response: 2773245
Conc: 18.33 ug/ml



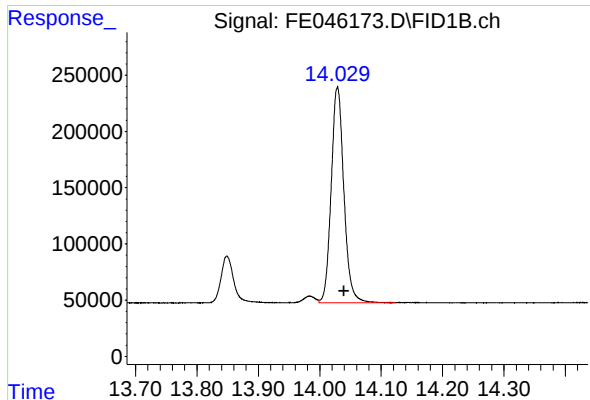
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.012 min
Response: 2705559
Conc: 18.40 ug/ml



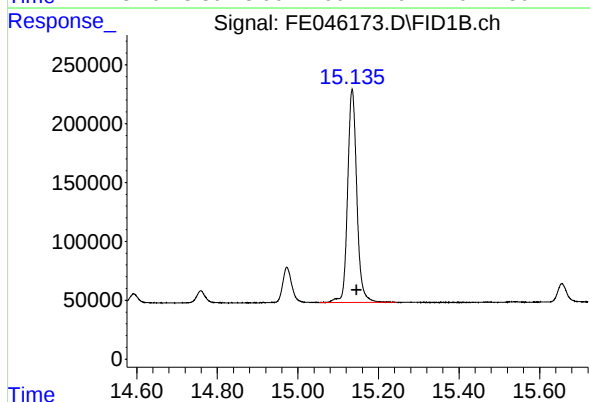
#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.011 min
Response: 2449670
Conc: 18.33 ug/ml



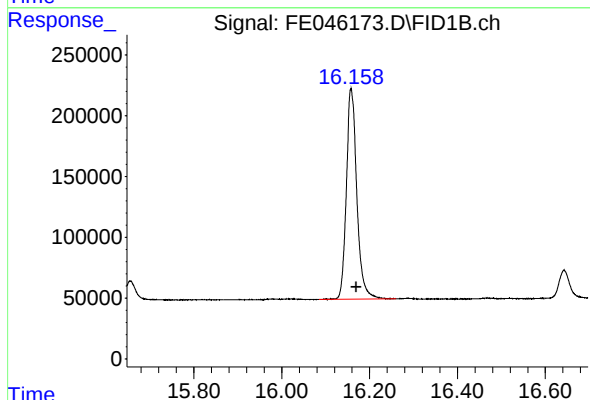
#13 n-Docosane (C22)

R.T.: 14.029 min
Delta R.T.: -0.011 min
Response: 2744687
Conc: 18.78 ug/ml



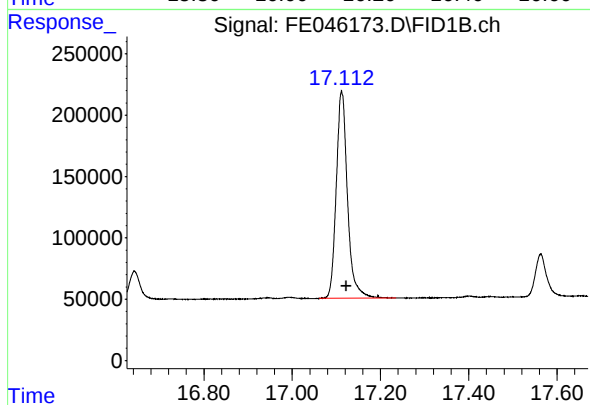
#14 n-Tetracosane (C24)

R.T.: 15.135 min
Delta R.T.: -0.011 min
Response: 2867002
Conc: 19.77 ug/ml



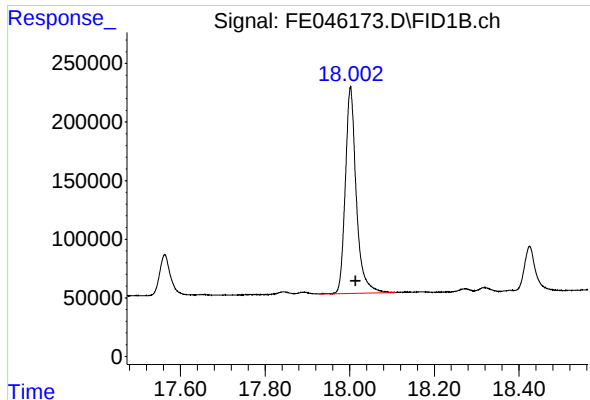
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.012 min
Response: 2864584
Conc: 19.98 ug/ml



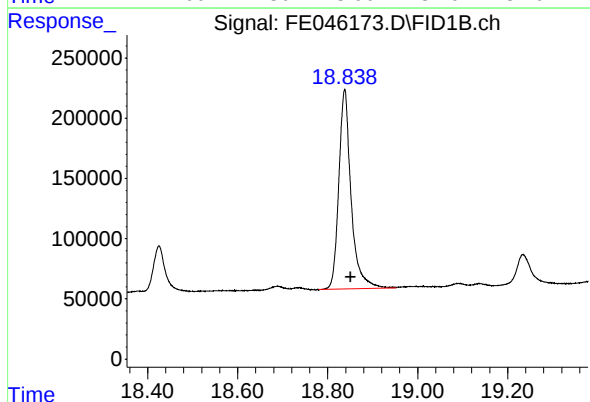
#16 n-Octacosane (C28)

R.T.: 17.112 min
Delta R.T.: -0.011 min
Response: 2981343
Conc: 20.79 ug/ml



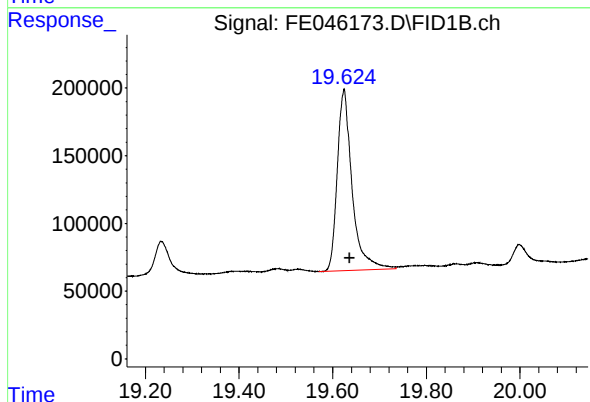
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.012 min
Response: 3164283
Conc: 21.29 ug/ml



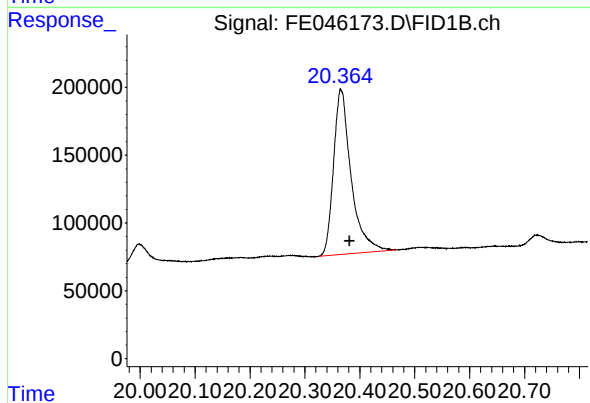
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.013 min
Response: 3146824
Conc: 21.04 ug/ml



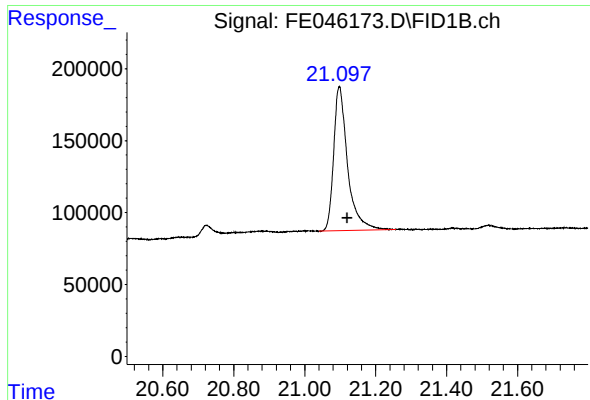
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.012 min
Response: 2939140
Conc: 20.52 ug/ml



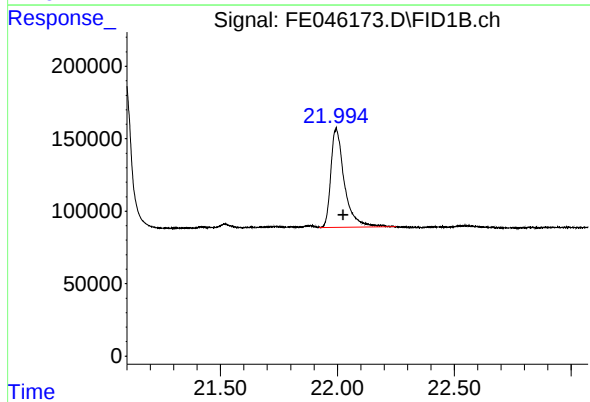
#20 n-Hexatriacontane (C36)

R.T.: 20.365 min
Delta R.T.: -0.017 min
Response: 2704201
Conc: 18.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: -0.022 min
Response: 2734119
Conc: 18.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: -0.030 min
Response: 2742286
Conc: 17.52 ug/ml