

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011823AL\
 Data File : FE039895.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jan 2023 23:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 00:13:10 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)	11.914	2764227	18.000 ug/ml
Spiked Amount 50.000		Recovery =	36.00%
12) S 1-chlorooctadecane (S...	13.350	2139371	18.333 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
Target Compounds			
1) T n-Nonane (C9)	3.310	2453849	19.332 ug/ml
2) T n-Decane (C10)	4.557	2441302	19.658 ug/ml
3) T A~Naphthalene (C11.7)	6.260	2678860	18.995 ug/ml
4) T n-Dodecane (C12)	6.720	2461154	19.575 ug/ml
5) T A~2-methylnaphthalene...	7.354	2503173	19.111 ug/ml
6) T n-Tetradecane (C14)	8.547	2502410	19.457 ug/ml
7) T n-Hexadecane (C16)	10.154	2584825	19.160 ug/ml
8) T n-Octadecane (C18)	11.597	2625672	18.738 ug/ml
10) T n-Eicosane (C20)	12.905	2544878	18.368 ug/ml
11) T n-Heneicosane (C21)	13.517	2526641	18.107 ug/ml
13) T n-Docosane (C22)	14.104	2508814	18.075 ug/ml
14) T n-Tetracosane (C24)	15.207	2488126	18.072 ug/ml
15) T n-Hexacosane (C26)	16.228	2428249	18.194 ug/ml
16) T n-Octacosane (C28)	17.178	2462333	18.915 ug/ml
17) T n-Tricontane (C30)	18.066	2579572	20.228 ug/ml
18) T n-Dotriacontane (C32)	18.899	2663009	21.065 ug/ml
19) T n-Tetratriacontane (C34)	19.684	2503567	20.261 ug/ml
20) T n-Hexatriacontane (C36)	20.423	2338926	19.839 ug/ml
21) T n-Octatriacontane (C38)	21.157	2310823	19.335 ug/ml
22) T n-Tetracontane (C40)	22.062	2369202	19.521 ug/ml

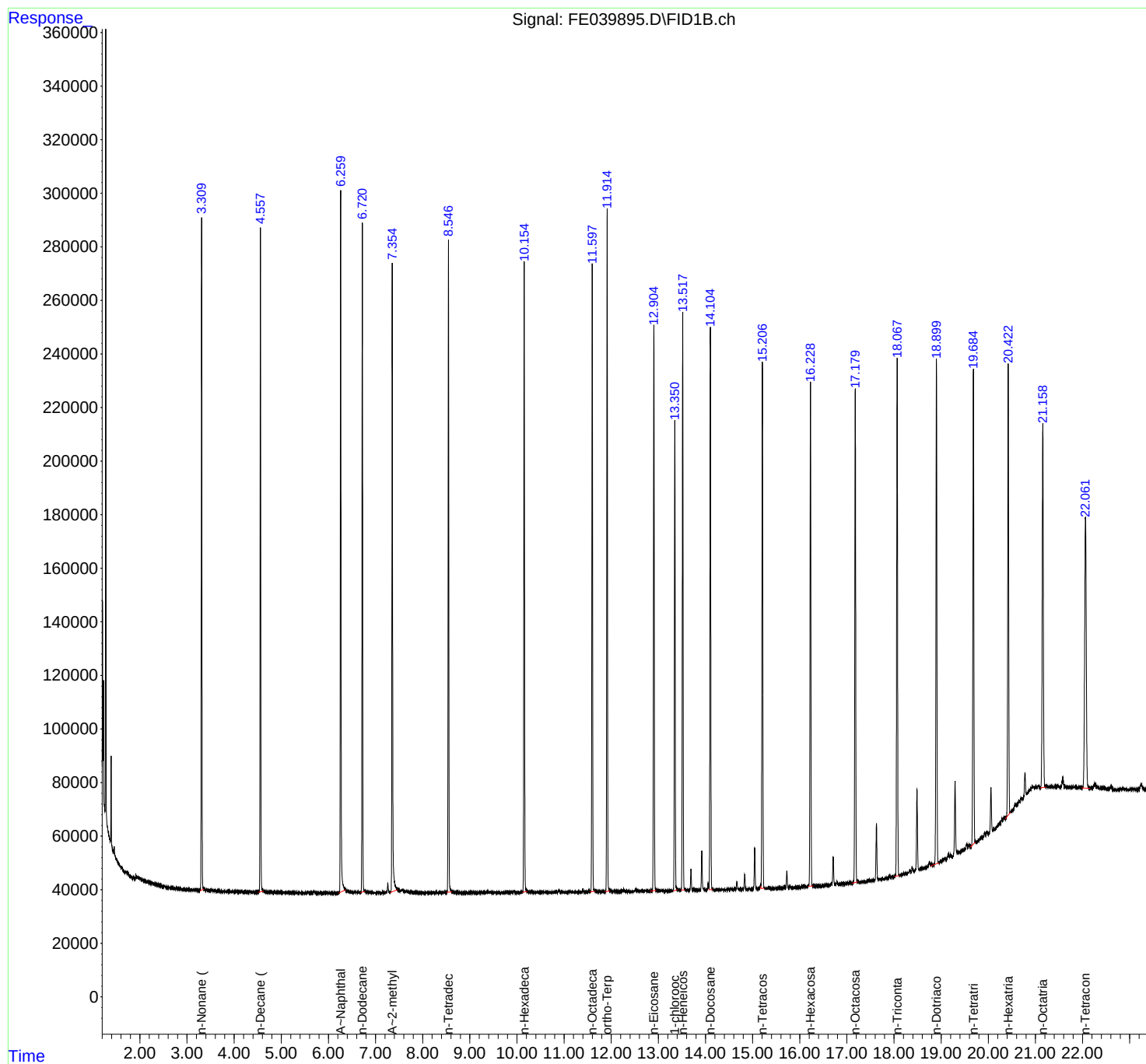
(f)=RT Delta > 1/2 Window

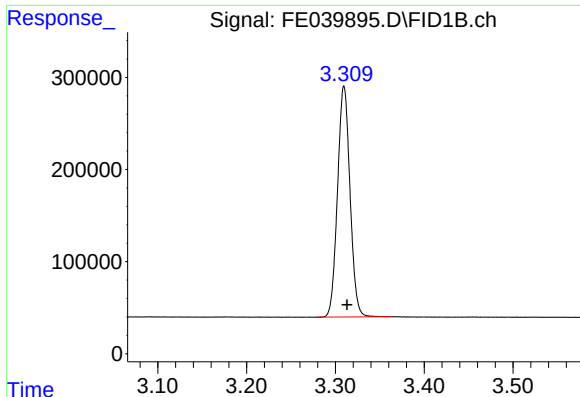
(m)=manual int.

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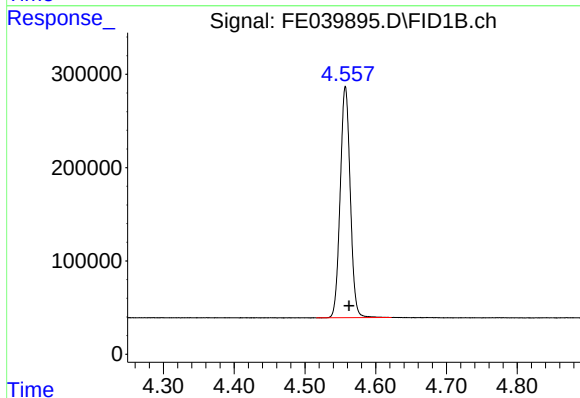
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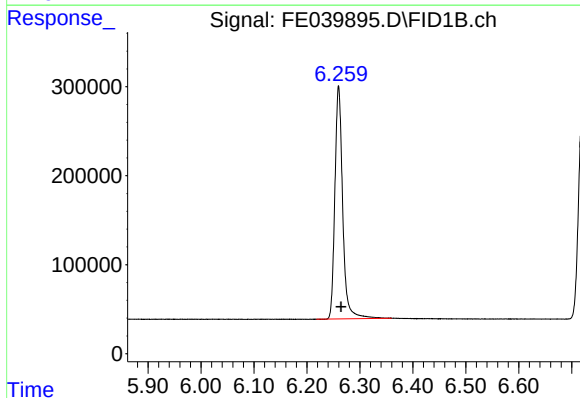
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.003 min
Response: 2453849
Conc: 19.33 ug/ml



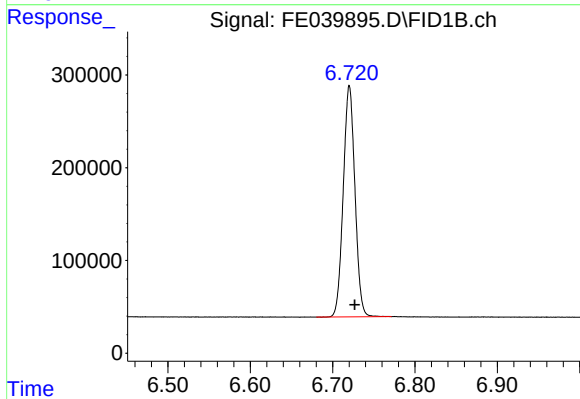
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: -0.005 min
Response: 2441302
Conc: 19.66 ug/ml



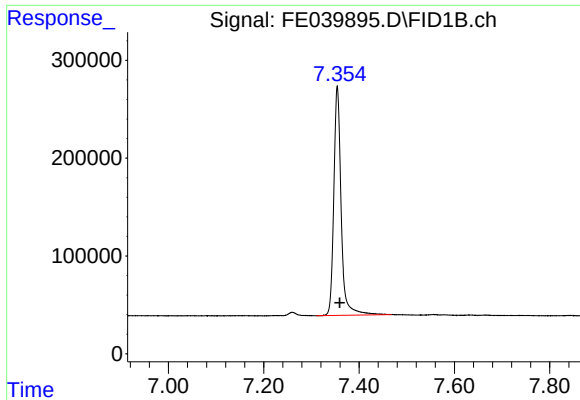
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.005 min
Response: 2678860
Conc: 19.00 ug/ml



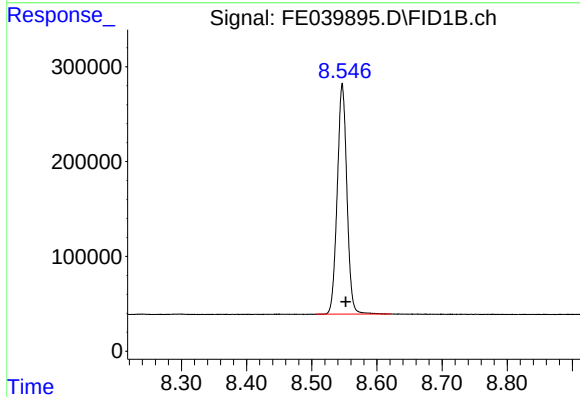
#4 n-Dodecane (C12)

R.T.: 6.720 min
Delta R.T.: -0.006 min
Response: 2461154
Conc: 19.58 ug/ml



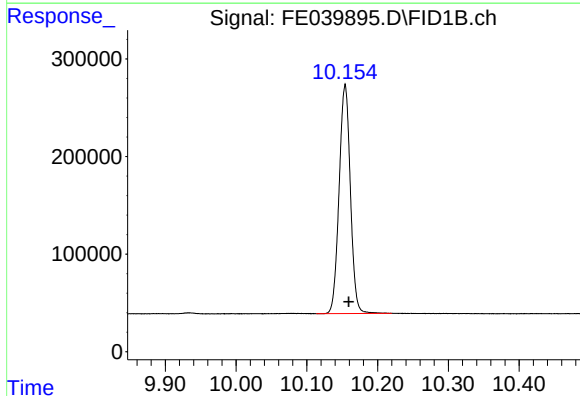
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.354 min
Delta R.T.: -0.005 min
Response: 2503173
Conc: 19.11 ug/ml



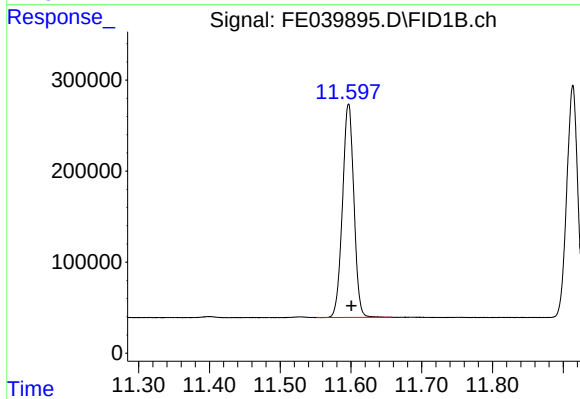
#6 n-Tetradecane (C14)

R.T.: 8.547 min
Delta R.T.: -0.006 min
Response: 2502410
Conc: 19.46 ug/ml



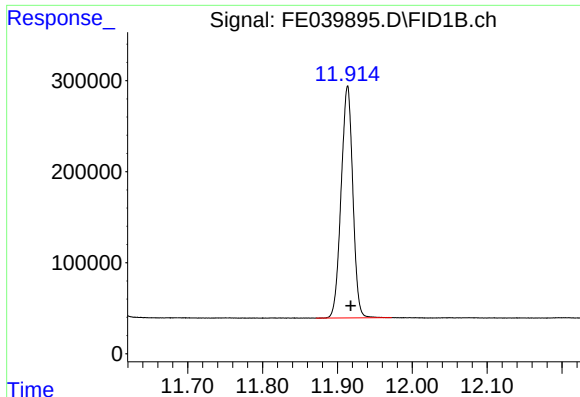
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: -0.005 min
Response: 2584825
Conc: 19.16 ug/ml



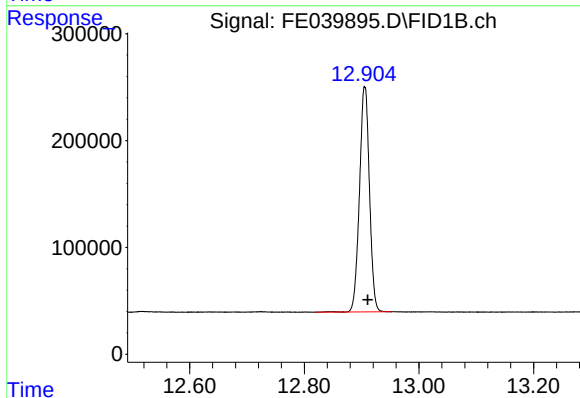
#8 n-Octadecane (C18)

R.T.: 11.597 min
Delta R.T.: -0.004 min
Response: 2625672
Conc: 18.74 ug/ml



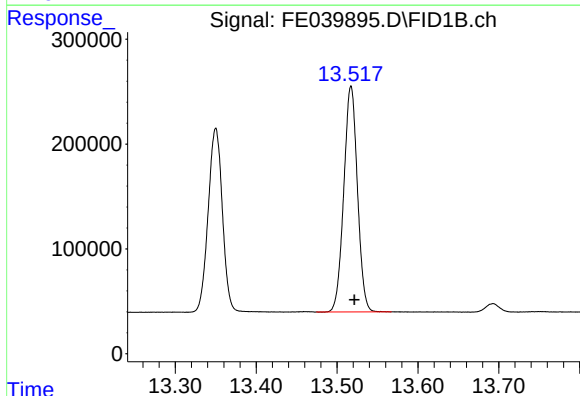
#9 ortho-Terphenyl (SURR)

R.T.: 11.914 min
Delta R.T.: -0.004 min
Response: 2764227
Conc: 18.00 ug/ml



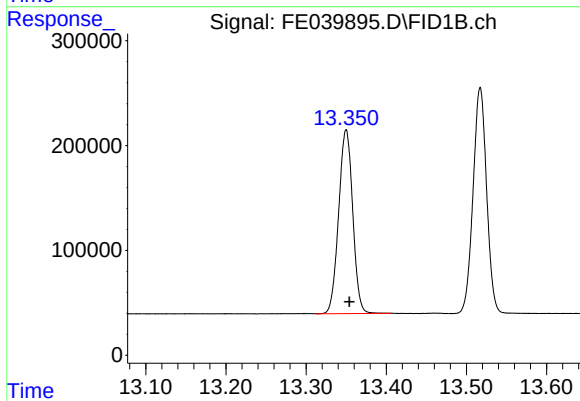
#10 n-Eicosane (C20)

R.T.: 12.905 min
Delta R.T.: -0.005 min
Response: 2544878
Conc: 18.37 ug/ml



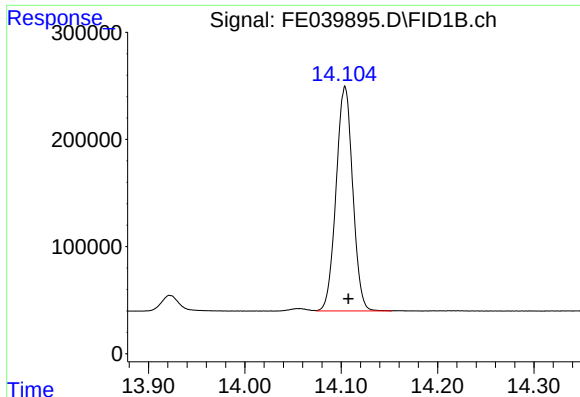
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: -0.004 min
Response: 2526641
Conc: 18.11 ug/ml



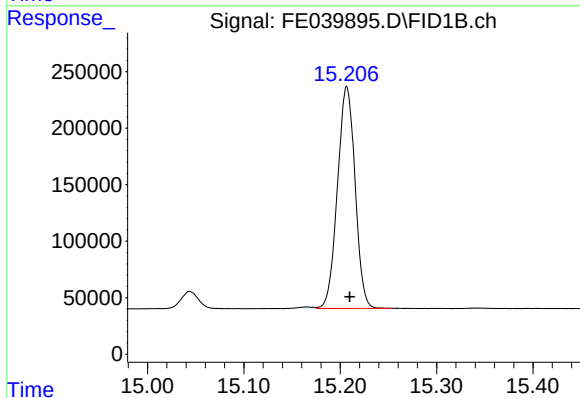
#12 1-chlorooctadecane (SURR)

R.T.: 13.350 min
Delta R.T.: -0.004 min
Response: 2139371
Conc: 18.33 ug/ml



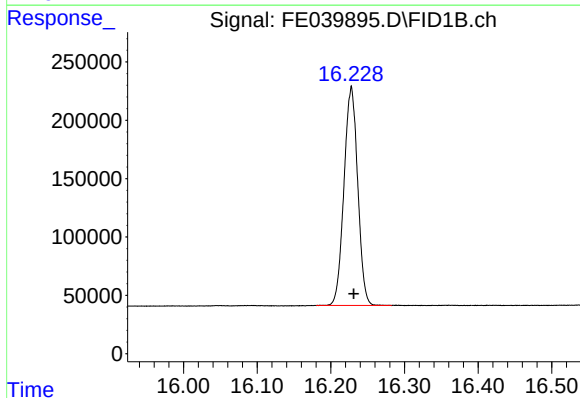
#13 n-Docosane (C22)

R.T.: 14.104 min
Delta R.T.: -0.003 min
Response: 2508814
Conc: 18.07 ug/ml



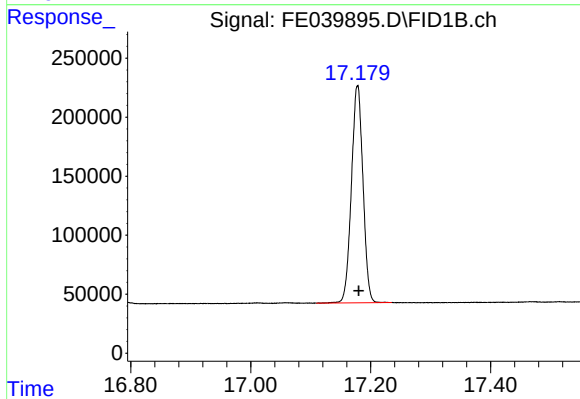
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.003 min
Response: 2488126
Conc: 18.07 ug/ml



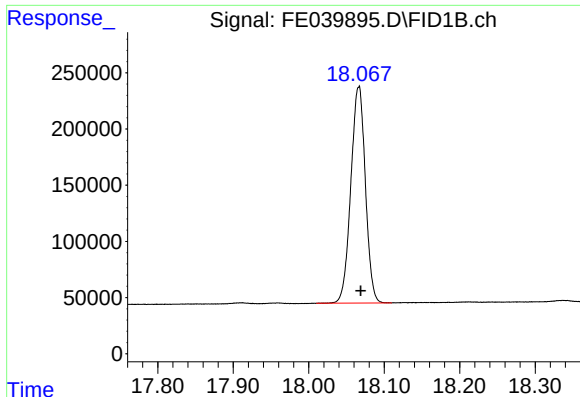
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: -0.003 min
Response: 2428249
Conc: 18.19 ug/ml



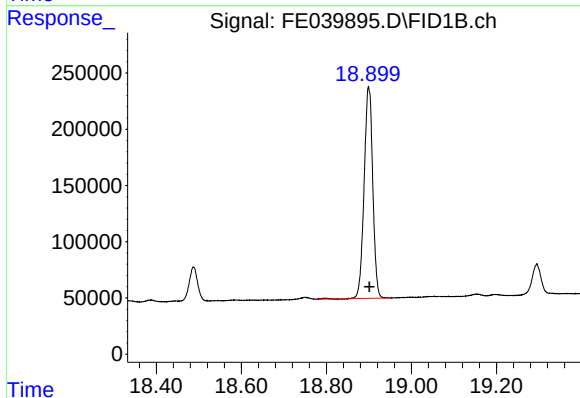
#16 n-Octacosane (C28)

R.T.: 17.178 min
Delta R.T.: -0.002 min
Response: 2462333
Conc: 18.92 ug/ml



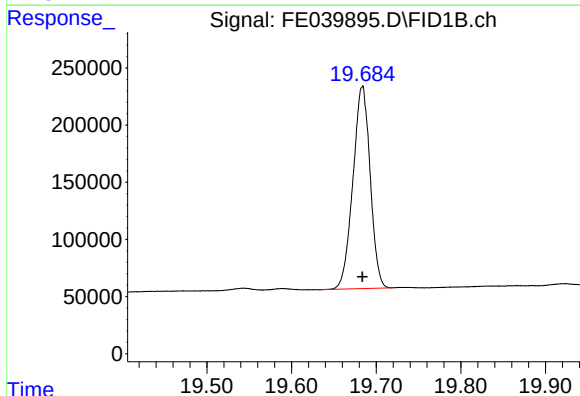
#17 n-Tricontane (C30)

R.T.: 18.066 min
Delta R.T.: -0.002 min
Response: 2579572
Conc: 20.23 ug/ml



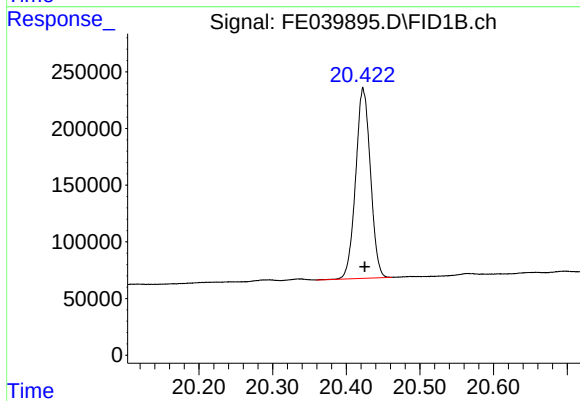
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.002 min
Response: 2663009
Conc: 21.06 ug/ml



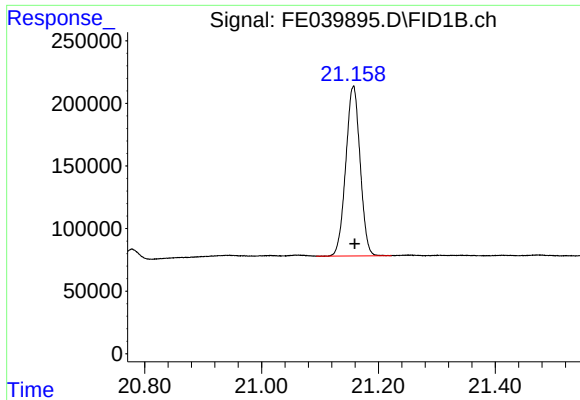
#19 n-Tetratriacontane (C34)

R.T.: 19.684 min
Delta R.T.: 0.000 min
Response: 2503567
Conc: 20.26 ug/ml



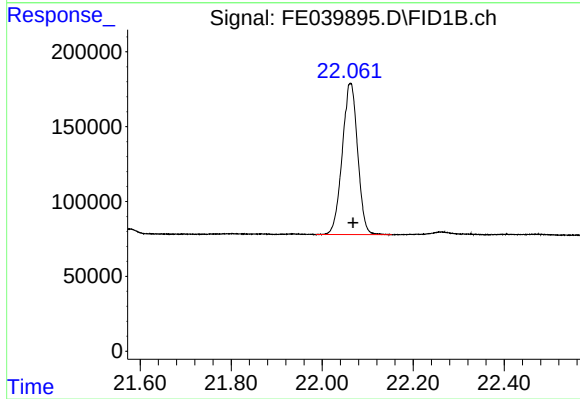
#20 n-Hexatriacontane (C36)

R.T.: 20.423 min
Delta R.T.: -0.002 min
Response: 2338926
Conc: 19.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.157 min
Delta R.T.: -0.002 min
Response: 2310823
Conc: 19.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.062 min
Delta R.T.: -0.006 min
Response: 2369202
Conc: 19.52 ug/ml