

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090925AL\
 Data File : FG016582.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2025 15:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 10 02:33:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 2025
 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)	12.066	2801020	21.158 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
12) S 1-chlorooctadecane (S...	13.511	2119475	21.056 ug/ml
Spiked Amount 50.000		Recovery =	42.11%
Target Compounds			
1) T n-Nonane (C9)	3.383	2347994	20.755 ug/ml
2) T n-Decane (C10)	4.646	2394570	20.803 ug/ml
3) T A~Naphthalene (C11.7)	6.367	2576158	20.746 ug/ml
4) T n-Dodecane (C12)	6.828	2416531	20.831 ug/ml
5) T A~2-methylnaphthalene...	7.470	2462021	20.640 ug/ml
6) T n-Tetradecane (C14)	8.669	2416536	20.944 ug/ml
7) T n-Hexadecane (C16)	10.289	2508853	21.018 ug/ml
8) T n-Octadecane (C18)	11.741	2563691	21.218 ug/ml
10) T n-Eicosane (C20)	13.061	2484191	21.295 ug/ml
11) T n-Heneicosane (C21)	13.678	2447358	21.292 ug/ml
13) T n-Docosane (C22)	14.268	2441476	21.368 ug/ml
14) T n-Tetracosane (C24)	15.379	2448510	21.526 ug/ml
15) T n-Hexacosane (C26)	16.408	2394314	21.563 ug/ml
16) T n-Octacosane (C28)	17.364	2317786	21.440 ug/ml
17) T n-Tricontane (C30)	18.257	2316808	21.212 ug/ml
18) T n-Dotriacontane (C32)	19.096	2222530	21.139 ug/ml
19) T n-Tetratriacontane (C34)	19.883	2030359	21.143 ug/ml
20) T n-Hexatriacontane (C36)	20.628	1765257	21.109 ug/ml
21) T n-Octatriacontane (C38)	21.410	1625577	21.112 ug/ml
22) T n-Tetracontane (C40)	22.407	1536996	20.688 ug/ml

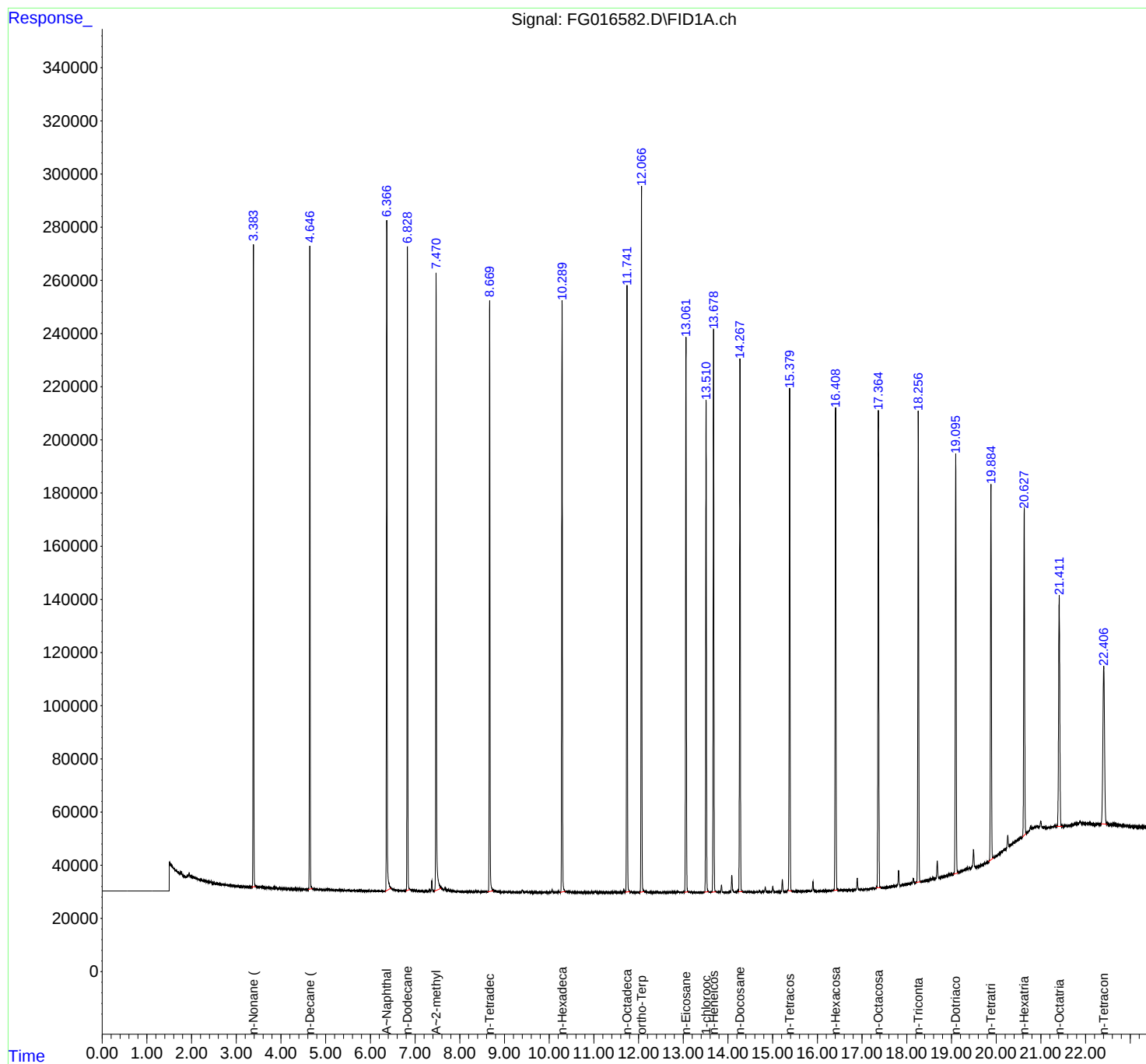
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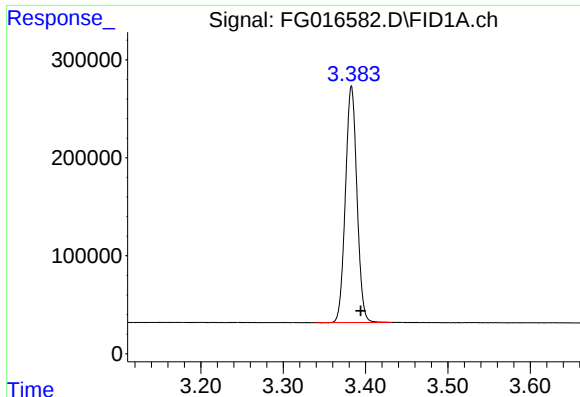
(m)=manual int.

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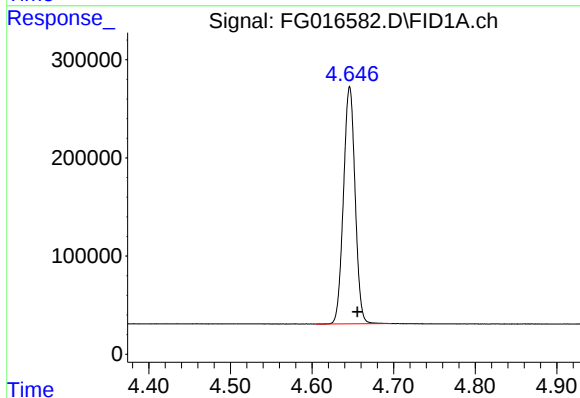
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





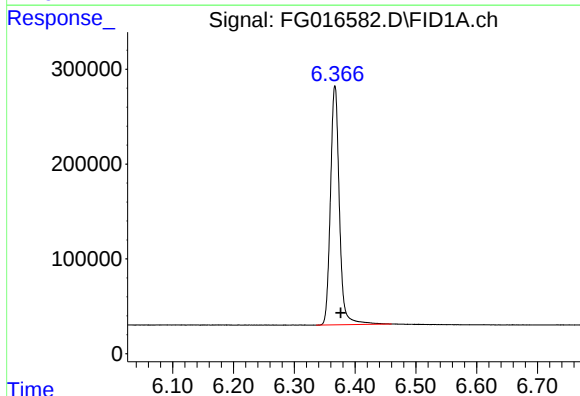
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: -0.011 min
Response: 2347994
Conc: 20.75 ug/ml



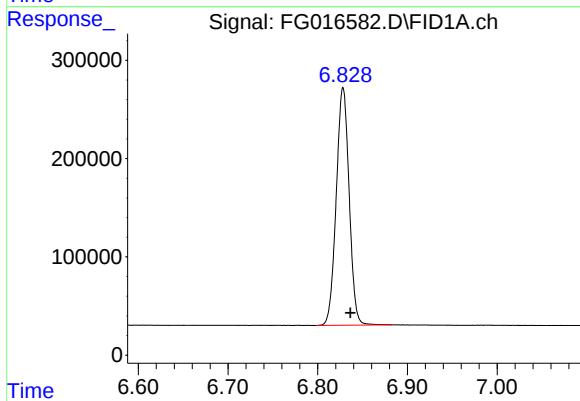
#2 n-Decane (C10)

R.T.: 4.646 min
Delta R.T.: -0.009 min
Response: 2394570
Conc: 20.80 ug/ml



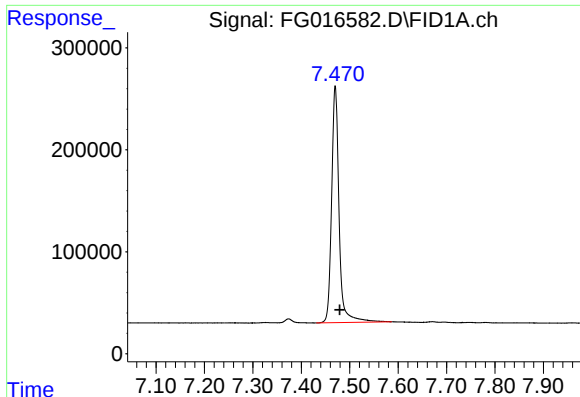
#3 A~Naphthalene (C11.7)

R.T.: 6.367 min
Delta R.T.: -0.009 min
Response: 2576158
Conc: 20.75 ug/ml



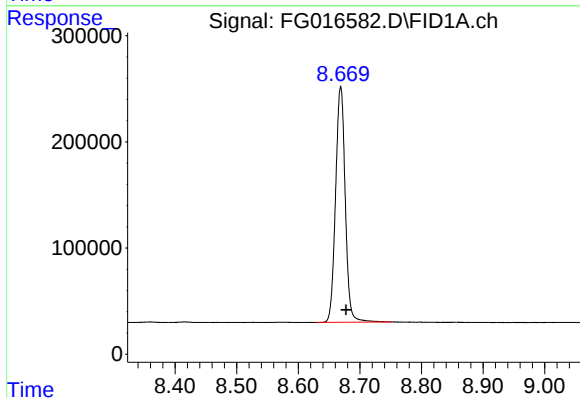
#4 n-Dodecane (C12)

R.T.: 6.828 min
Delta R.T.: -0.008 min
Response: 2416531
Conc: 20.83 ug/ml



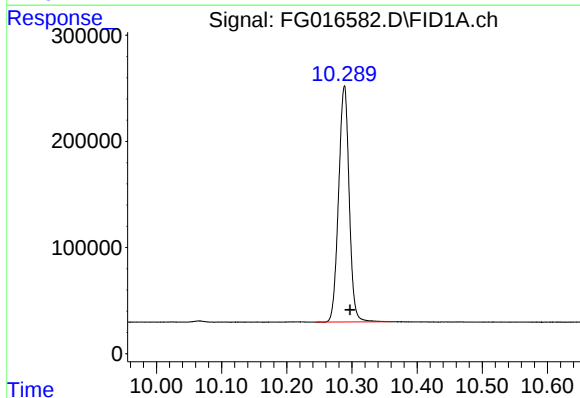
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.470 min
Delta R.T.: -0.009 min
Response: 2462021
Conc: 20.64 ug/ml



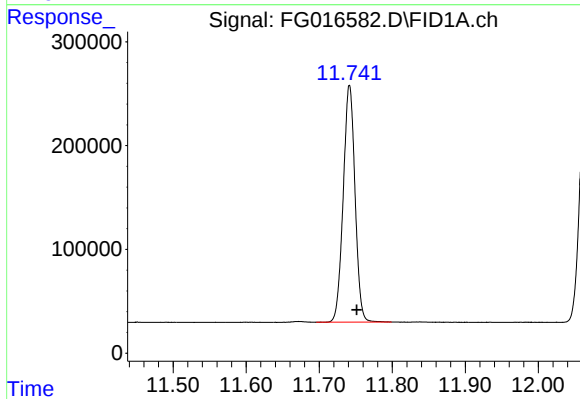
#6 n-Tetradecane (C14)

R.T.: 8.669 min
Delta R.T.: -0.009 min
Response: 2416536
Conc: 20.94 ug/ml



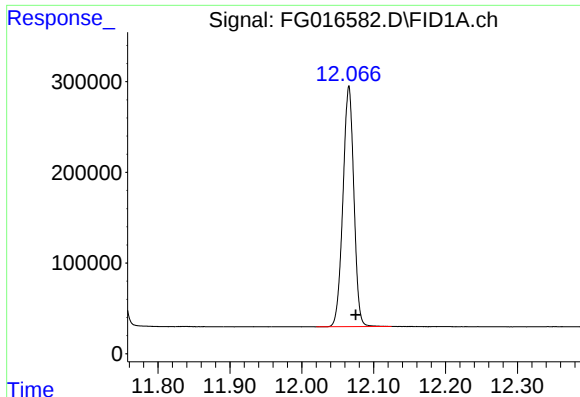
#7 n-Hexadecane (C16)

R.T.: 10.289 min
Delta R.T.: -0.009 min
Response: 2508853
Conc: 21.02 ug/ml



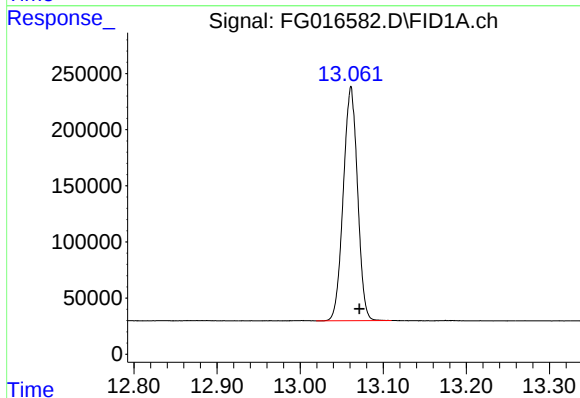
#8 n-Octadecane (C18)

R.T.: 11.741 min
Delta R.T.: -0.010 min
Response: 2563691
Conc: 21.22 ug/ml



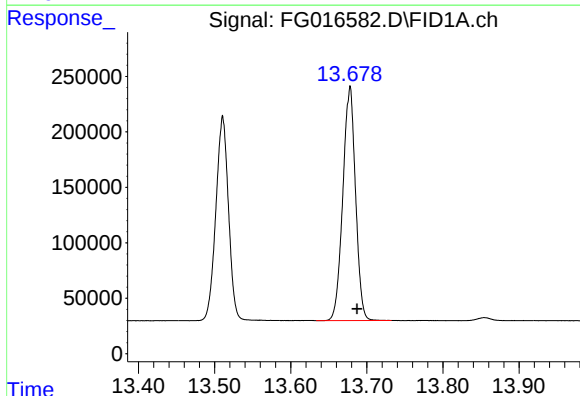
#9 ortho-Terphenyl (SURR)

R.T.: 12.066 min
Delta R.T.: -0.009 min
Response: 2801020
Conc: 21.16 ug/ml



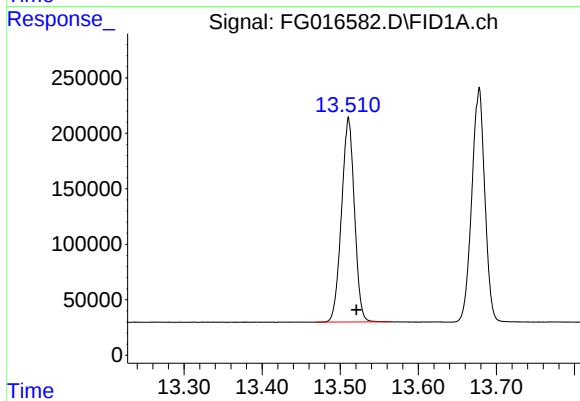
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.010 min
Response: 2484191
Conc: 21.30 ug/ml



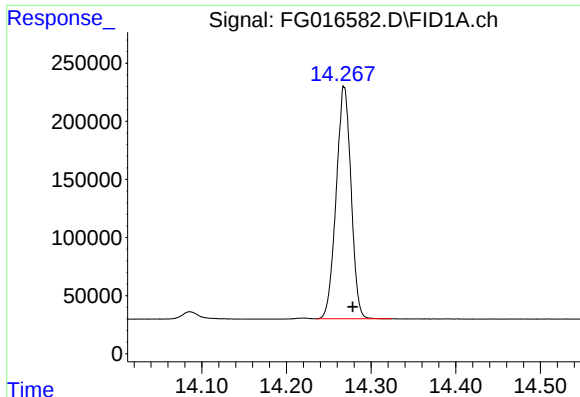
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: -0.009 min
Response: 2447358
Conc: 21.29 ug/ml



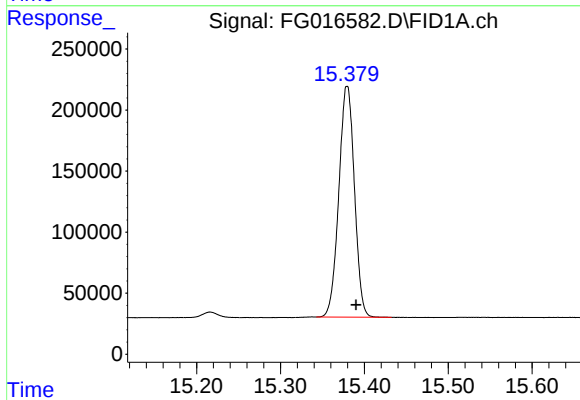
#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.010 min
Response: 2119475
Conc: 21.06 ug/ml



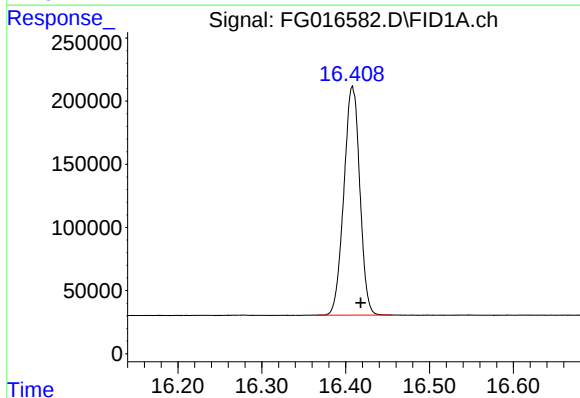
#13 n-Docosane (C22)

R.T.: 14.268 min
Delta R.T.: -0.010 min
Response: 2441476
Conc: 21.37 ug/ml



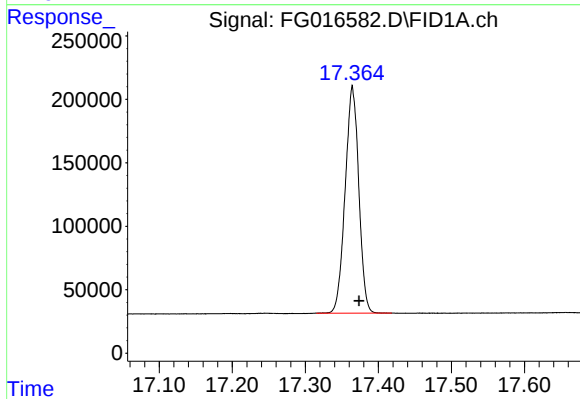
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: -0.010 min
Response: 2448510
Conc: 21.53 ug/ml



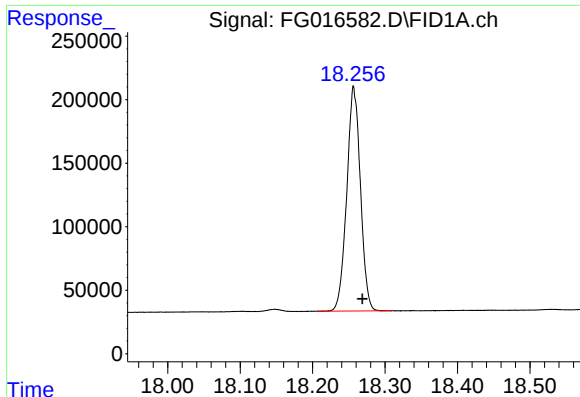
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: -0.010 min
Response: 2394314
Conc: 21.56 ug/ml



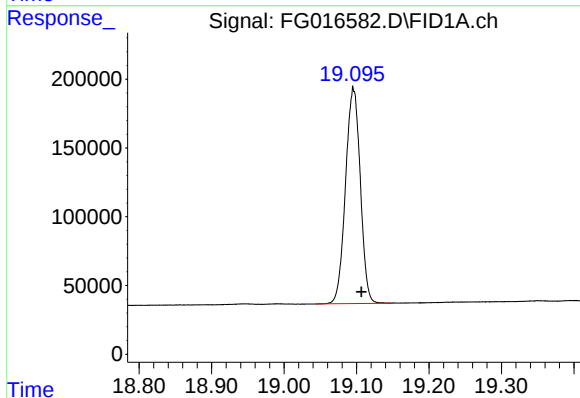
#16 n-Octacosane (C28)

R.T.: 17.364 min
Delta R.T.: -0.009 min
Response: 2317786
Conc: 21.44 ug/ml



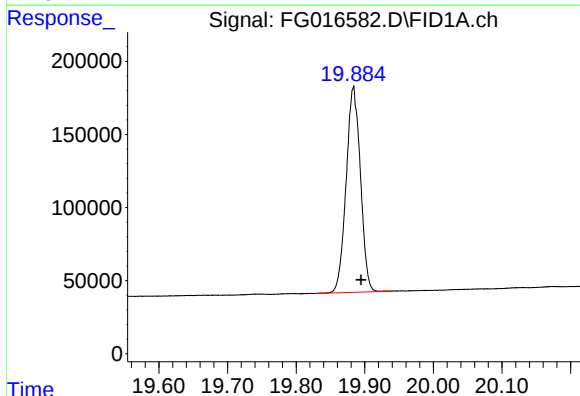
#17 n-Tricontane (C30)

R.T.: 18.257 min
Delta R.T.: -0.012 min
Response: 2316808
Conc: 21.21 ug/ml



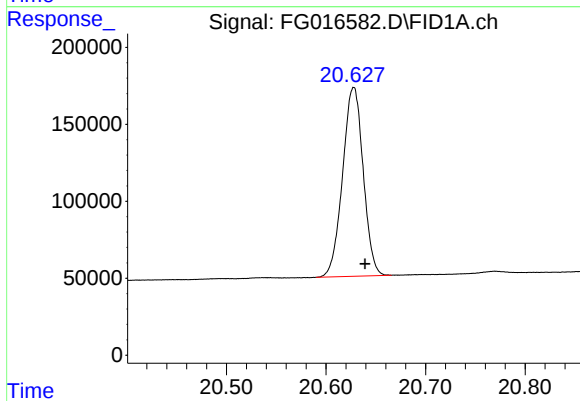
#18 n-Dotriacontane (C32)

R.T.: 19.096 min
Delta R.T.: -0.011 min
Response: 2222530
Conc: 21.14 ug/ml



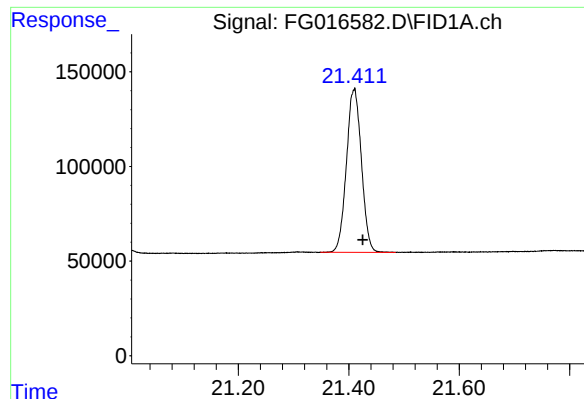
#19 n-Tetratriacontane (C34)

R.T.: 19.883 min
Delta R.T.: -0.011 min
Response: 2030359
Conc: 21.14 ug/ml



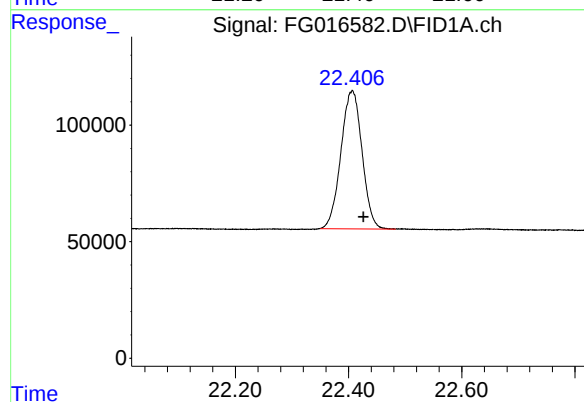
#20 n-Hexatriacontane (C36)

R.T.: 20.628 min
Delta R.T.: -0.011 min
Response: 1765257
Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.410 min
Delta R.T.: -0.015 min
Response: 1625577
Conc: 21.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.407 min
Delta R.T.: -0.020 min
Response: 1536996
Conc: 20.69 ug/ml