

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG083025AL\
 Data File : FG016466.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 08:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 05:03:17 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)	12.072	2192710	16.563 ug/ml
Spiked Amount 50.000		Recovery =	33.13%
12) S 1-chlorooctadecane (S...	13.517	1669978	16.590 ug/ml
Spiked Amount 50.000		Recovery =	33.18%
Target Compounds			
1) T n-Nonane (C9)	3.390	1866417	16.498 ug/ml
2) T n-Decane (C10)	4.652	1905887	16.557 ug/ml
3) T A~Naphthalene (C11.7)	6.372	2062968	16.613 ug/ml
4) T n-Dodecane (C12)	6.834	1914861	16.506 ug/ml
5) T A~2-methylnaphthalene...	7.475	1980385	16.602 ug/ml
6) T n-Tetradecane (C14)	8.675	1904171	16.503 ug/ml
7) T n-Hexadecane (C16)	10.294	1967409	16.482 ug/ml
8) T n-Octadecane (C18)	11.747	2000524	16.557 ug/ml
10) T n-Eicosane (C20)	13.067	1936871	16.603 ug/ml
11) T n-Heneicosane (C21)	13.684	1910007	16.617 ug/ml
13) T n-Docosane (C22)	14.275	1904648	16.670 ug/ml
14) T n-Tetracosane (C24)	15.387	1913559	16.823 ug/ml
15) T n-Hexacosane (C26)	16.414	1875400	16.890 ug/ml
16) T n-Octacosane (C28)	17.370	1813475	16.775 ug/ml
17) T n-Tricontane (C30)	18.265	1813994	16.609 ug/ml
18) T n-Dotriacontane (C32)	19.103	1725955	16.416 ug/ml
19) T n-Tetratriacontane (C34)	19.890	1570058	16.350 ug/ml
20) T n-Hexatriacontane (C36)	20.635	1361683	16.283 ug/ml
21) T n-Octatriacontane (C38)	21.421	1243598	16.151 ug/ml
22) T n-Tetracontane (C40)	22.419	1176621	15.837 ug/ml

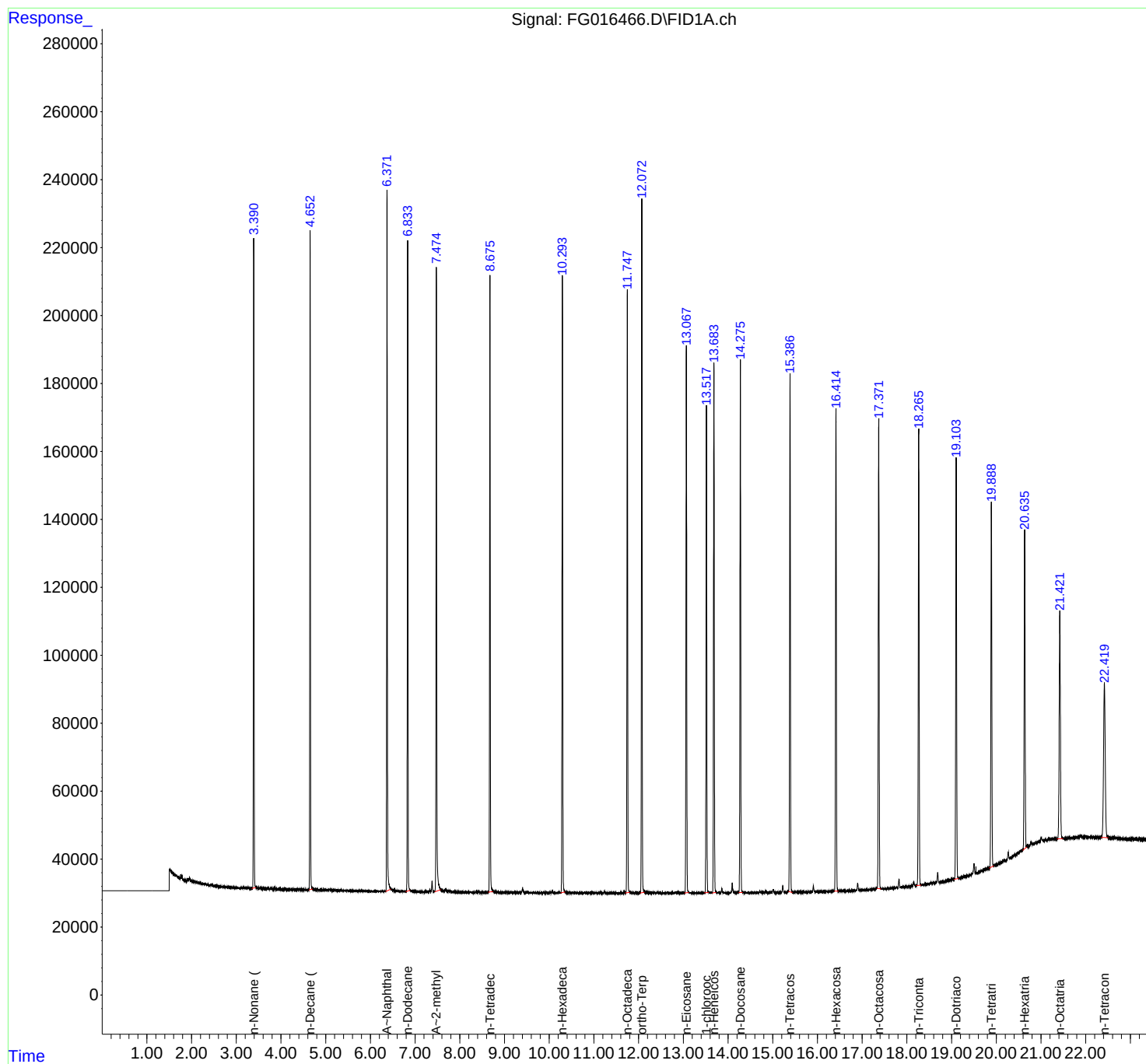
(f)=RT Delta > 1/2 Window

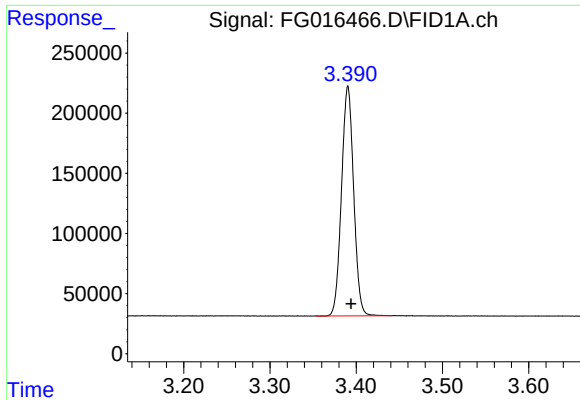
(m)=manual int.

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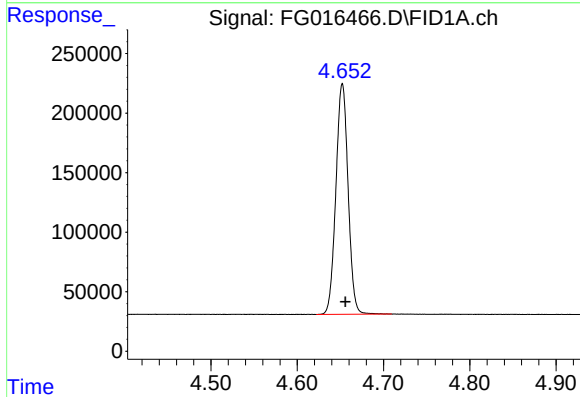
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





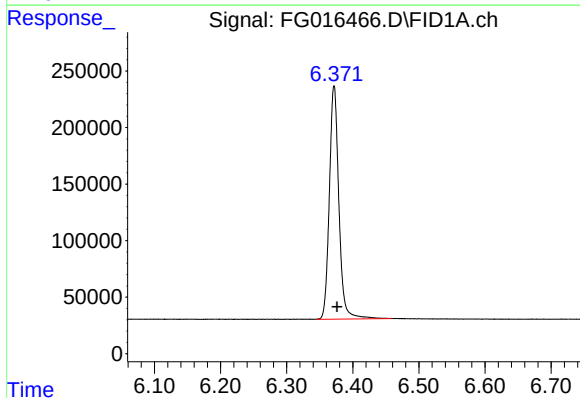
#1 n-Nonane (C9)

R.T.: 3.390 min
Delta R.T.: -0.004 min
Response: 1866417
Conc: 16.50 ug/ml



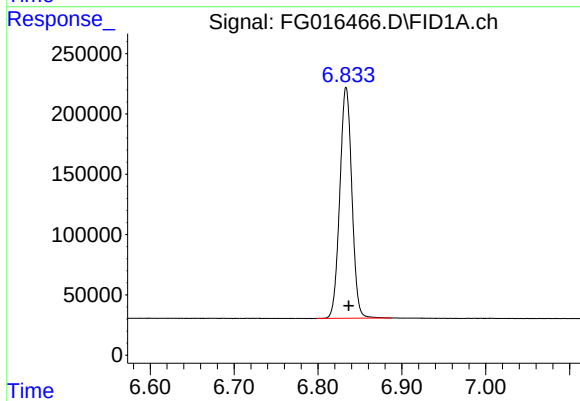
#2 n-Decane (C10)

R.T.: 4.652 min
Delta R.T.: -0.003 min
Response: 1905887
Conc: 16.56 ug/ml



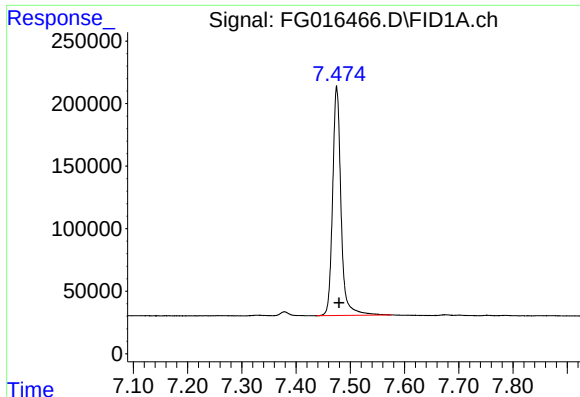
#3 A~Naphthalene (C11.7)

R.T.: 6.372 min
Delta R.T.: -0.005 min
Response: 2062968
Conc: 16.61 ug/ml



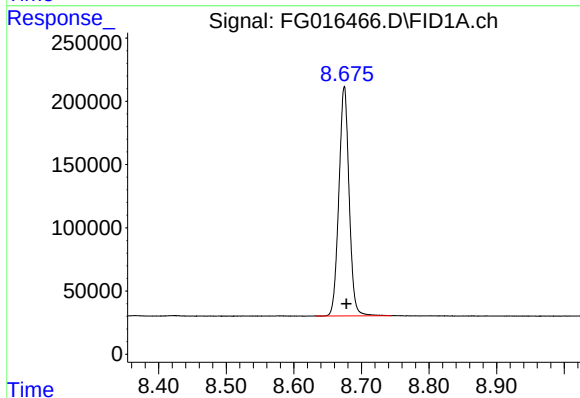
#4 n-Dodecane (C12)

R.T.: 6.834 min
Delta R.T.: -0.003 min
Response: 1914861
Conc: 16.51 ug/ml



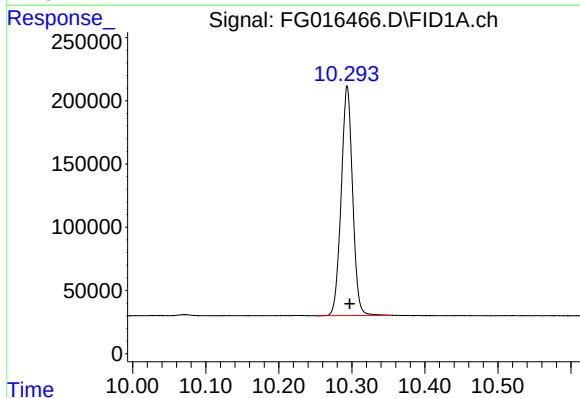
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.475 min
Delta R.T.: -0.004 min
Response: 1980385
Conc: 16.60 ug/ml



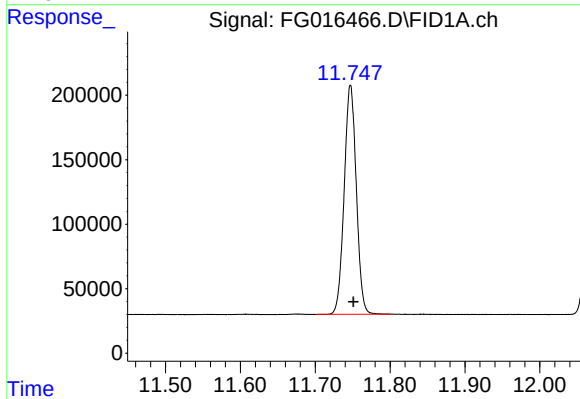
#6 n-Tetradecane (C14)

R.T.: 8.675 min
Delta R.T.: -0.003 min
Response: 1904171
Conc: 16.50 ug/ml



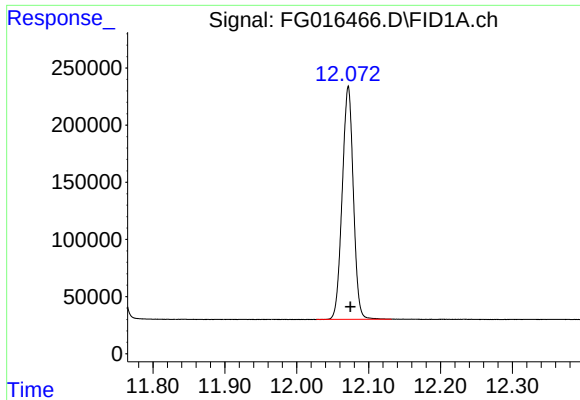
#7 n-Hexadecane (C16)

R.T.: 10.294 min
Delta R.T.: -0.004 min
Response: 1967409
Conc: 16.48 ug/ml



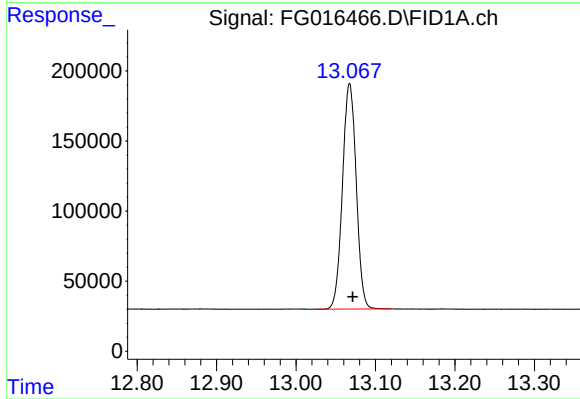
#8 n-Octadecane (C18)

R.T.: 11.747 min
Delta R.T.: -0.004 min
Response: 2000524
Conc: 16.56 ug/ml



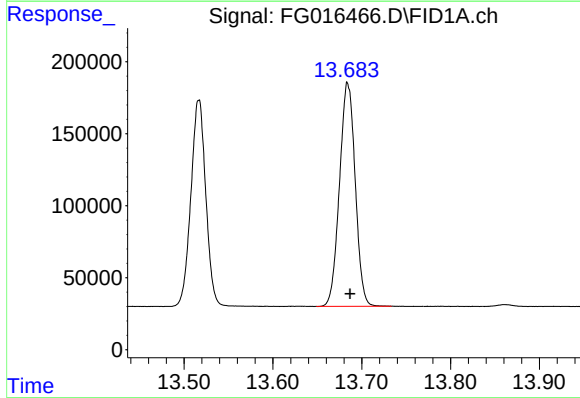
#9 ortho-Terphenyl (SURR)

R.T.: 12.072 min
Delta R.T.: -0.003 min
Response: 2192710
Conc: 16.56 ug/ml



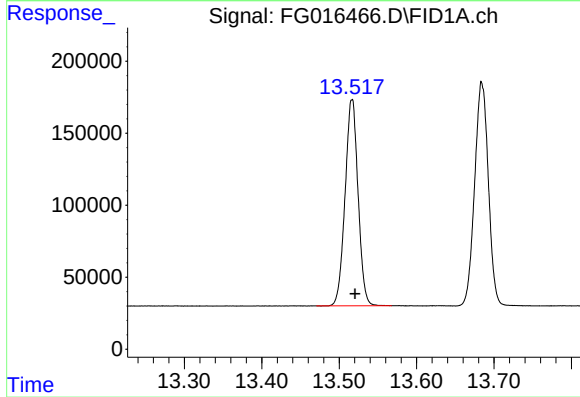
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.004 min
Response: 1936871
Conc: 16.60 ug/ml



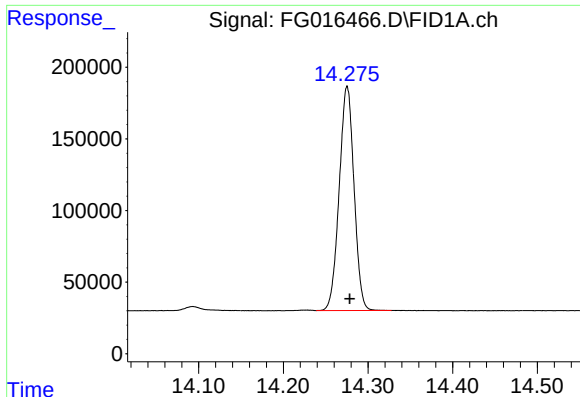
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 1910007
Conc: 16.62 ug/ml



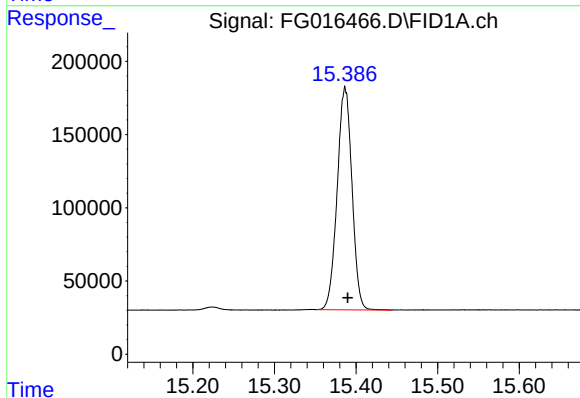
#12 1-chlorooctadecane (SURR)

R.T.: 13.517 min
Delta R.T.: -0.004 min
Response: 1669978
Conc: 16.59 ug/ml



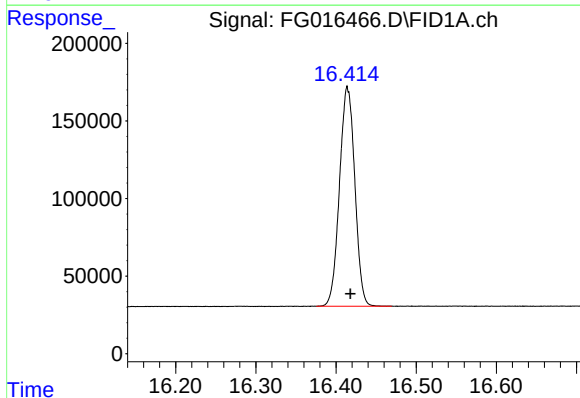
#13 n-Docosane (C22)

R.T.: 14.275 min
Delta R.T.: -0.003 min
Response: 1904648
Conc: 16.67 ug/ml



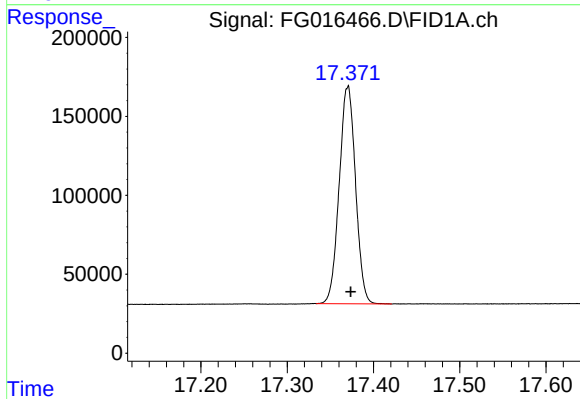
#14 n-Tetracosane (C24)

R.T.: 15.387 min
Delta R.T.: -0.003 min
Response: 1913559
Conc: 16.82 ug/ml



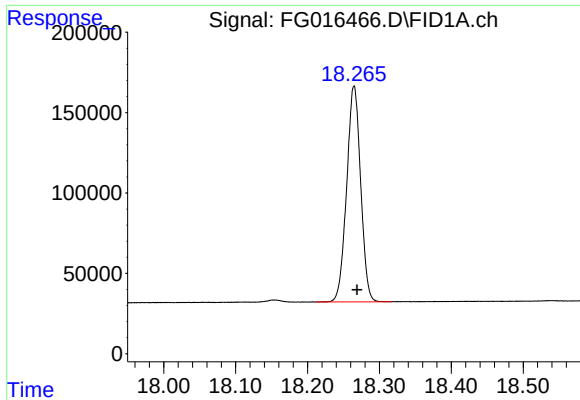
#15 n-Hexacosane (C26)

R.T.: 16.414 min
Delta R.T.: -0.004 min
Response: 1875400
Conc: 16.89 ug/ml



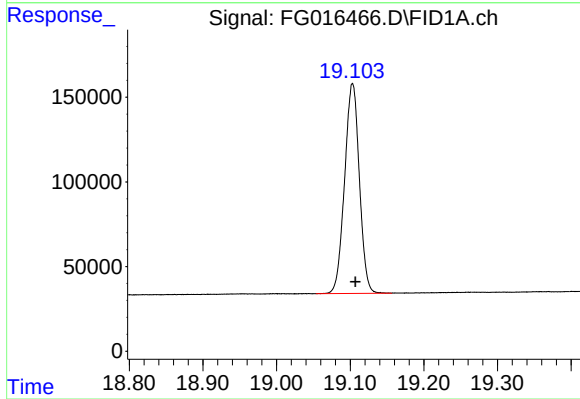
#16 n-Octacosane (C28)

R.T.: 17.370 min
Delta R.T.: -0.003 min
Response: 1813475
Conc: 16.77 ug/ml



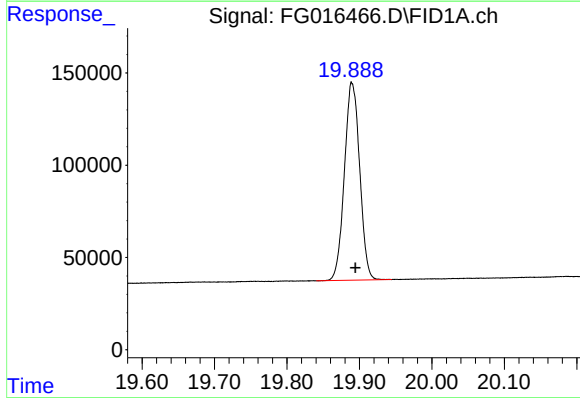
#17 n-Tricontane (C30)

R.T.: 18.265 min
Delta R.T.: -0.004 min
Response: 1813994
Conc: 16.61 ug/ml



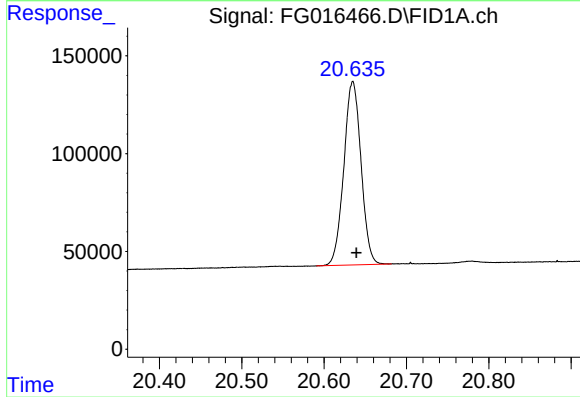
#18 n-Dotriacontane (C32)

R.T.: 19.103 min
Delta R.T.: -0.004 min
Response: 1725955
Conc: 16.42 ug/ml



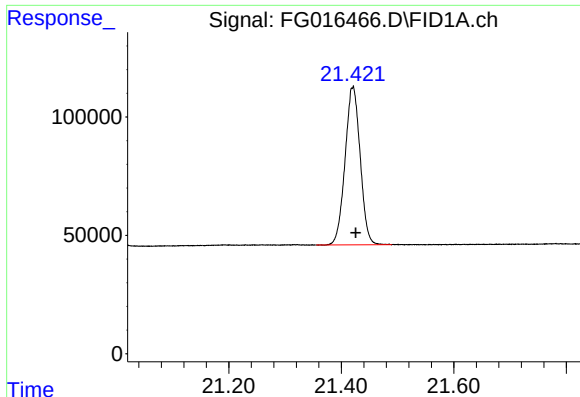
#19 n-Tetratriacontane (C34)

R.T.: 19.890 min
Delta R.T.: -0.005 min
Response: 1570058
Conc: 16.35 ug/ml



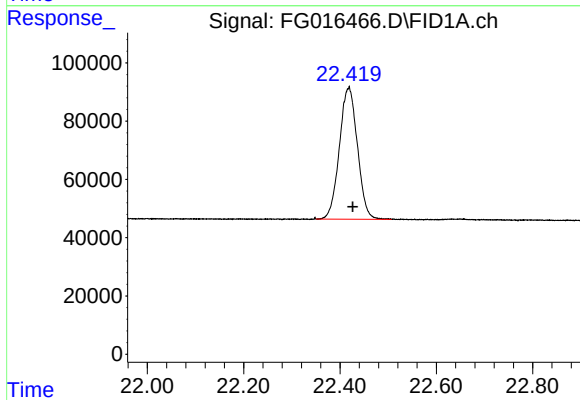
#20 n-Hexatriacontane (C36)

R.T.: 20.635 min
Delta R.T.: -0.005 min
Response: 1361683
Conc: 16.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.421 min
Delta R.T.: -0.005 min
Response: 1243598
Conc: 16.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.419 min
Delta R.T.: -0.008 min
Response: 1176621
Conc: 15.84 ug/ml