

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091025AL\
 Data File : FG016591.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2025 12:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 11 04:52:21 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)	12.064	2444155	18.462 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
12) S 1-chlorooctadecane (S...	13.510	1859260	18.471 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
Target Compounds			
1) T n-Nonane (C9)	3.381	2002989	17.705 ug/ml
2) T n-Decane (C10)	4.645	2069932	17.982 ug/ml
3) T A~Naphthalene (C11.7)	6.365	2218851	17.868 ug/ml
4) T n-Dodecane (C12)	6.827	2086563	17.986 ug/ml
5) T A~2-methylnaphthalene...	7.469	2099794	17.603 ug/ml
6) T n-Tetradecane (C14)	8.667	2092669	18.137 ug/ml
7) T n-Hexadecane (C16)	10.286	2183199	18.290 ug/ml
8) T n-Octadecane (C18)	11.740	2251111	18.631 ug/ml
10) T n-Eicosane (C20)	13.060	2208326	18.930 ug/ml
11) T n-Heneicosane (C21)	13.677	2163975	18.827 ug/ml
13) T n-Docosane (C22)	14.267	2274748	19.909 ug/ml
14) T n-Tetracosane (C24)	15.379	2515393	22.114 ug/ml
15) T n-Hexacosane (C26)	16.407	2583091	23.263 ug/ml
16) T n-Octacosane (C28)	17.364	2666555	24.666 ug/ml
17) T n-Tricontane (C30)	18.257	2704167	24.759 ug/ml
18) T n-Dotriacontane (C32)	19.096	2575326	24.495 ug/ml
19) T n-Tetratriacontane (C34)	19.885	2125221	22.131 ug/ml
20) T n-Hexatriacontane (C36)	20.628	1770139	21.167 ug/ml
21) T n-Octatriacontane (C38)	21.412	1522531	19.774 ug/ml
22) T n-Tetracontane (C40)	22.407	1386356	18.660 ug/ml

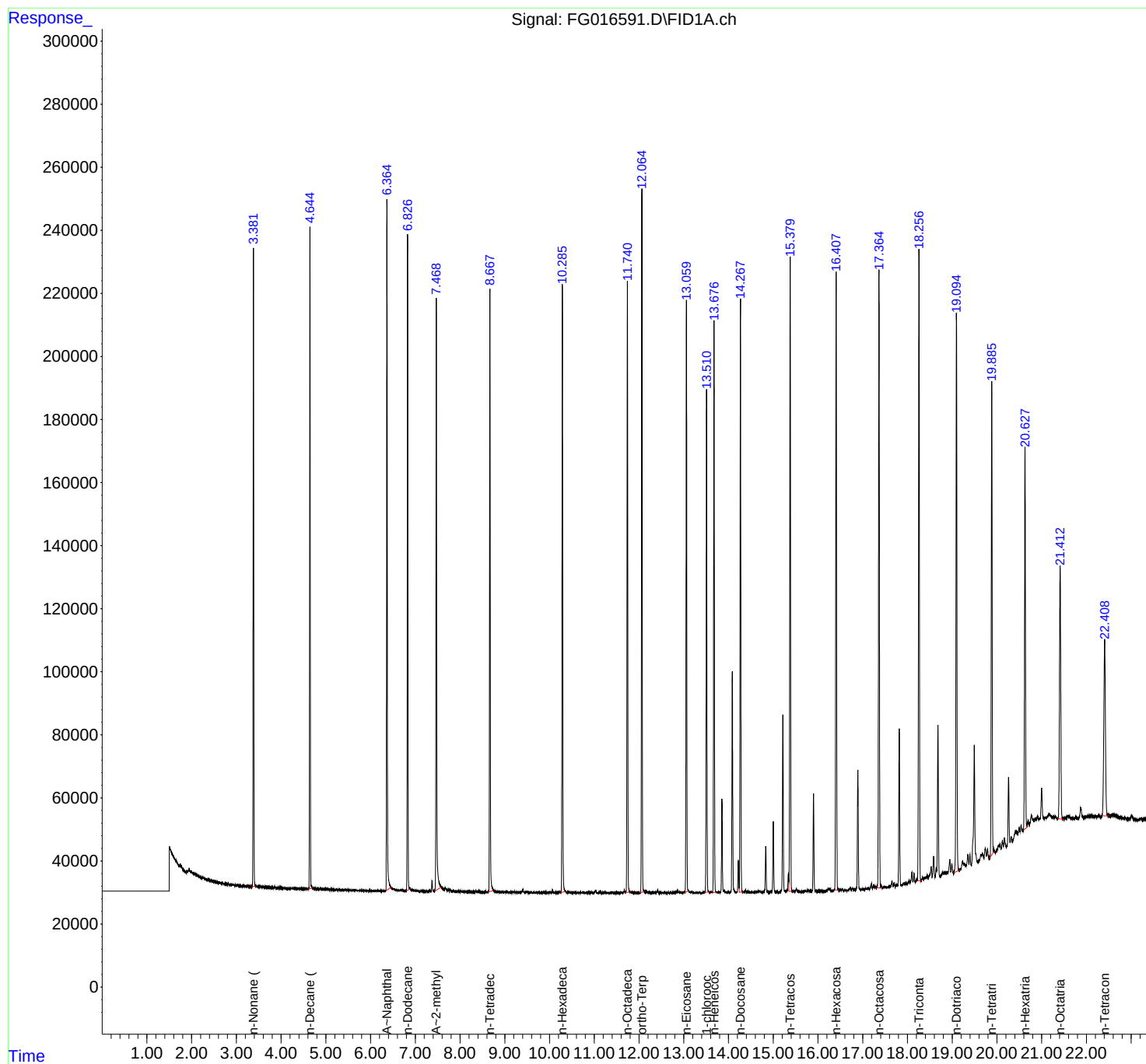
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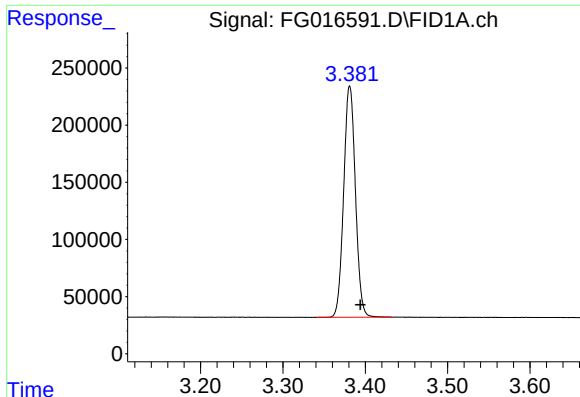
(m)=manual int.

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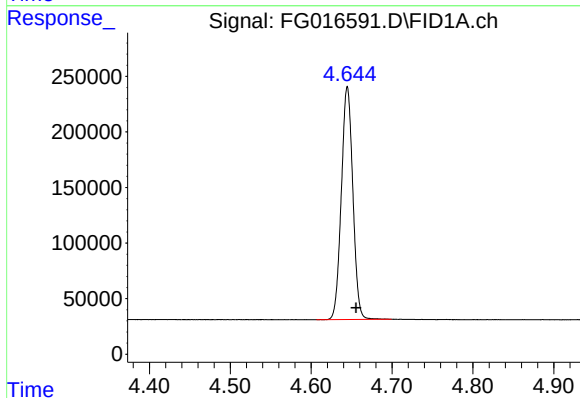
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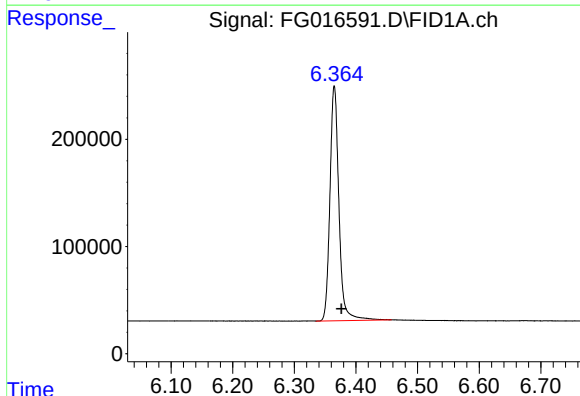
#1 n-Nonane (C9)

R.T.: 3.381 min
Delta R.T.: -0.013 min
Response: 2002989
Conc: 17.71 ug/ml



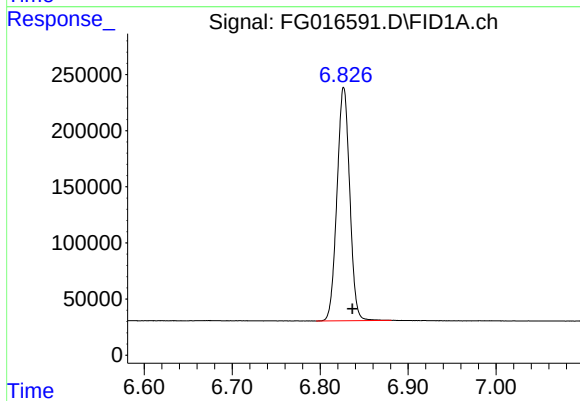
#2 n-Decane (C10)

R.T.: 4.645 min
Delta R.T.: -0.011 min
Response: 2069932
Conc: 17.98 ug/ml



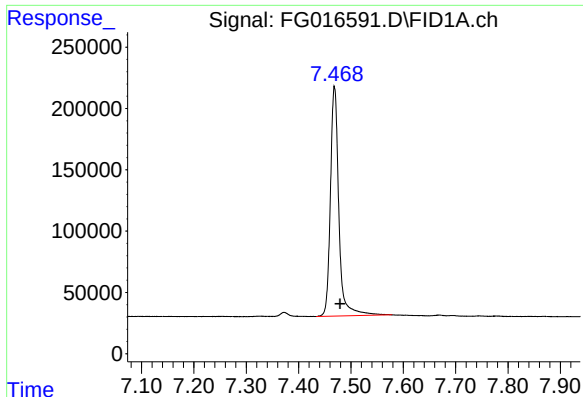
#3 A~Naphthalene (C11.7)

R.T.: 6.365 min
Delta R.T.: -0.011 min
Response: 2218851
Conc: 17.87 ug/ml



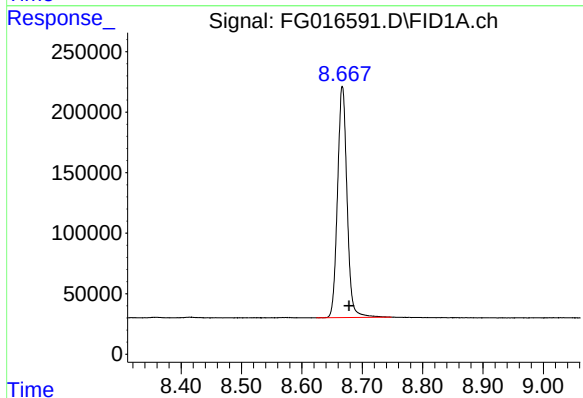
#4 n-Dodecane (C12)

R.T.: 6.827 min
Delta R.T.: -0.010 min
Response: 2086563
Conc: 17.99 ug/ml



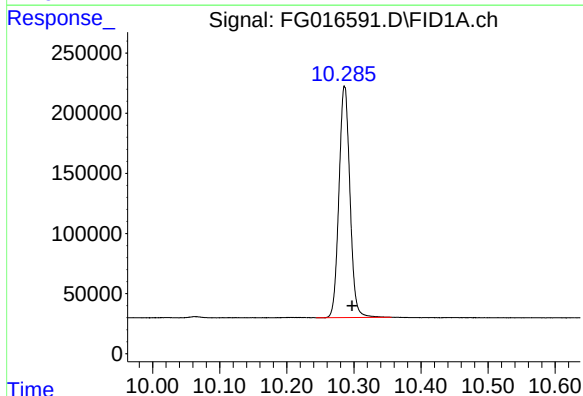
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.469 min
Delta R.T.: -0.011 min
Response: 2099794
Conc: 17.60 ug/ml



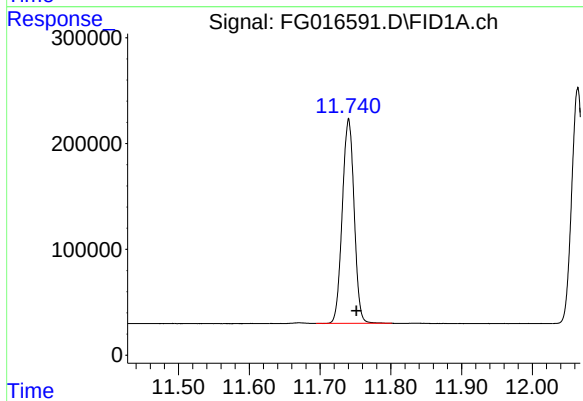
#6 n-Tetradecane (C14)

R.T.: 8.667 min
Delta R.T.: -0.011 min
Response: 2092669
Conc: 18.14 ug/ml



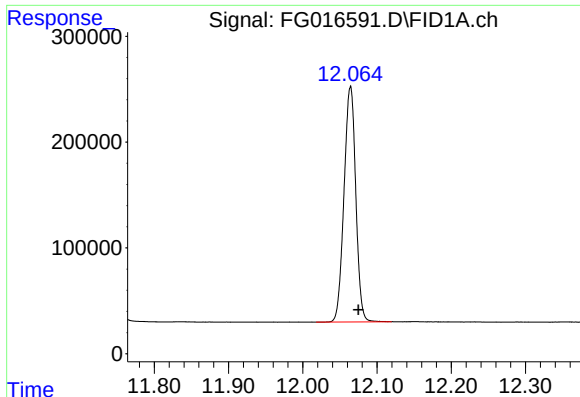
#7 n-Hexadecane (C16)

R.T.: 10.286 min
Delta R.T.: -0.011 min
Response: 2183199
Conc: 18.29 ug/ml



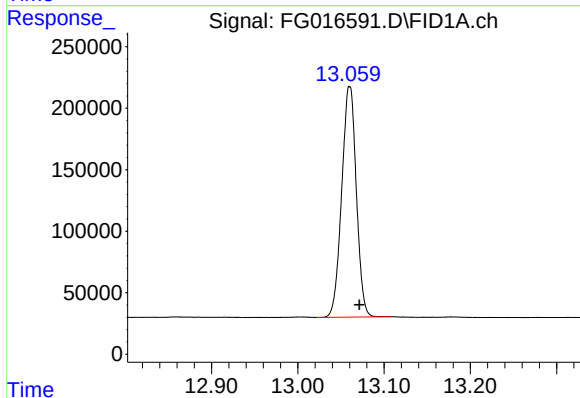
#8 n-Octadecane (C18)

R.T.: 11.740 min
Delta R.T.: -0.011 min
Response: 2251111
Conc: 18.63 ug/ml



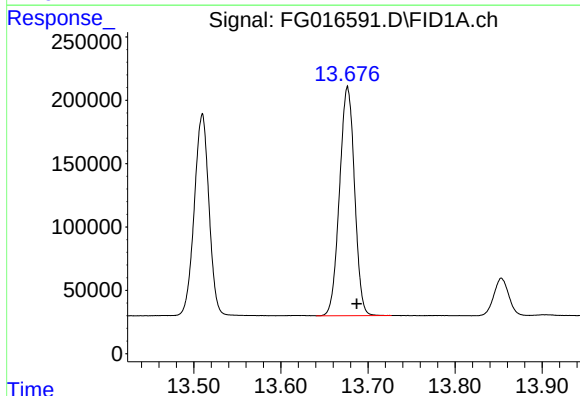
#9 ortho-Terphenyl (SURR)

R.T.: 12.064 min
Delta R.T.: -0.011 min
Response: 2444155
Conc: 18.46 ug/ml



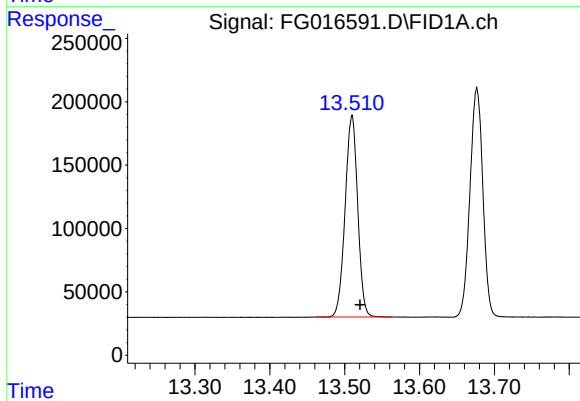
#10 n-Eicosane (C20)

R.T.: 13.060 min
Delta R.T.: -0.011 min
Response: 2208326
Conc: 18.93 ug/ml



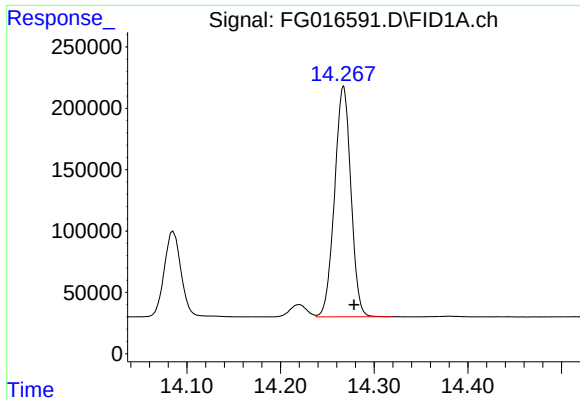
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: -0.010 min
Response: 2163975
Conc: 18.83 ug/ml



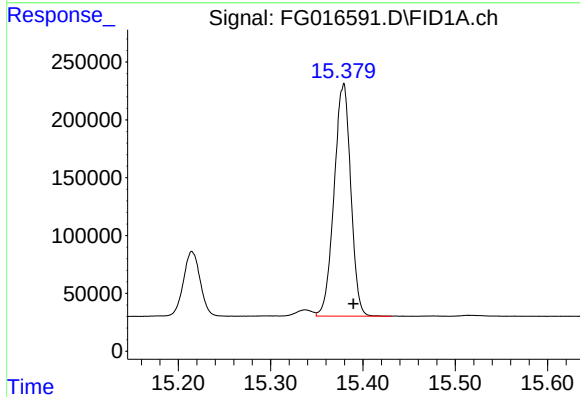
#12 1-chlorooctadecane (SURR)

R.T.: 13.510 min
Delta R.T.: -0.011 min
Response: 1859260
Conc: 18.47 ug/ml



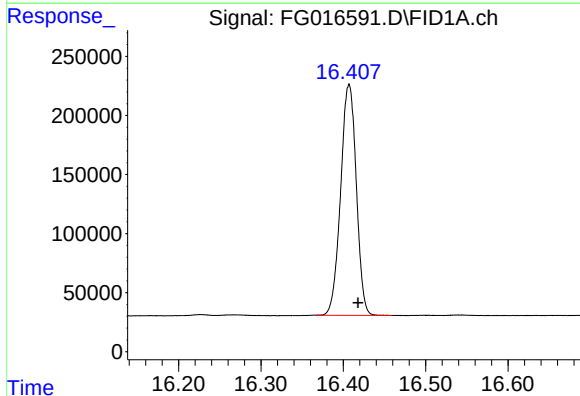
#13 n-Docosane (C22)

R.T.: 14.267 min
Delta R.T.: -0.011 min
Response: 2274748
Conc: 19.91 ug/ml



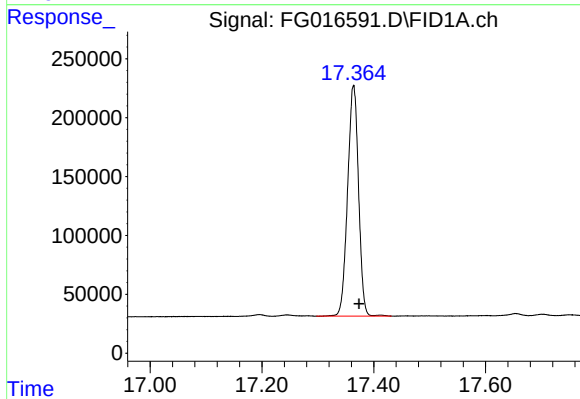
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: -0.011 min
Response: 2515393
Conc: 22.11 ug/ml



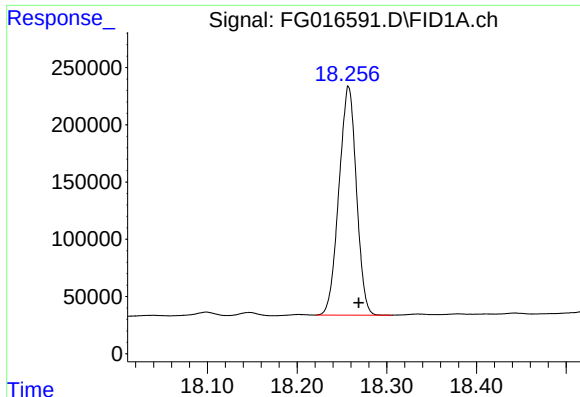
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: -0.011 min
Response: 2583091
Conc: 23.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.364 min
Delta R.T.: -0.010 min
Response: 2666555
Conc: 24.67 ug/ml



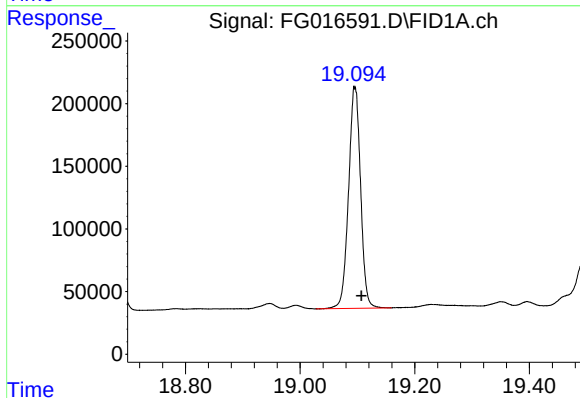
#17 n-Tricontane (C30)

R.T.: 18.257 min

Delta R.T.: -0.011 min

Response: 2704167

Conc: 24.76 ug/ml



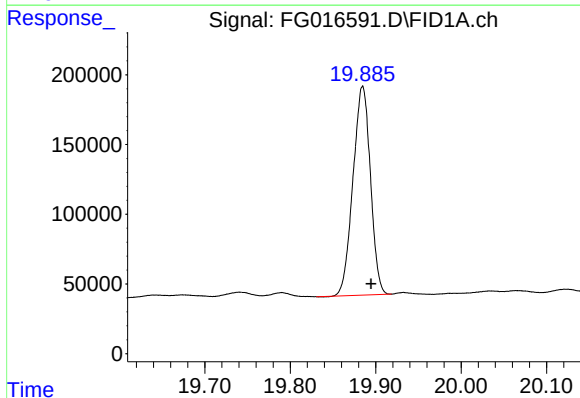
#18 n-Dotriacontane (C32)

R.T.: 19.096 min

Delta R.T.: -0.011 min

Response: 2575326

Conc: 24.49 ug/ml



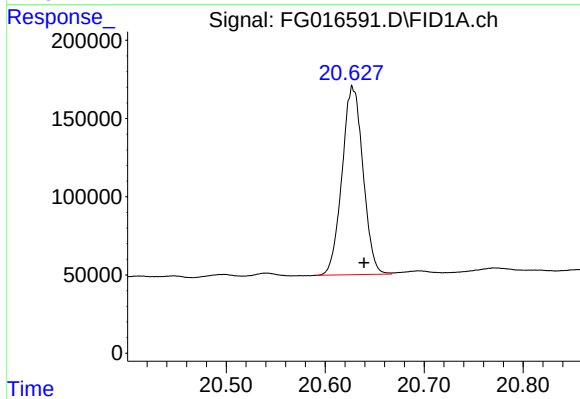
#19 n-Tetratriacontane (C34)

R.T.: 19.885 min

Delta R.T.: -0.010 min

Response: 2125221

Conc: 22.13 ug/ml



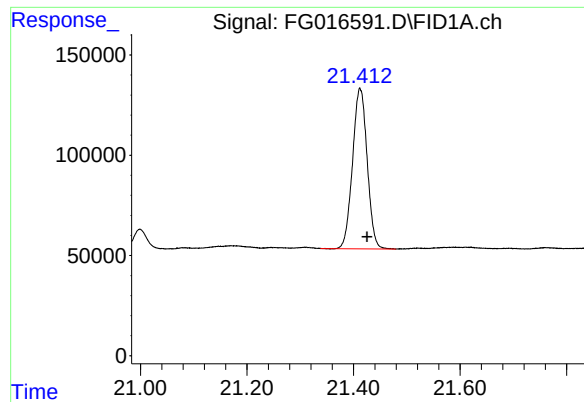
#20 n-Hexatriacontane (C36)

R.T.: 20.628 min

Delta R.T.: -0.011 min

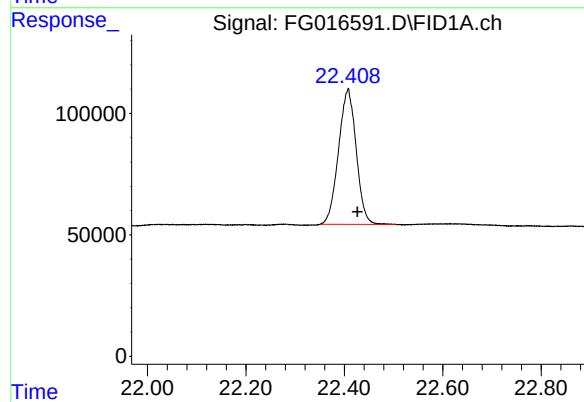
Response: 1770139

Conc: 21.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.412 min
Delta R.T.: -0.013 min
Response: 1522531
Conc: 19.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.407 min
Delta R.T.: -0.019 min
Response: 1386356
Conc: 18.66 ug/ml