

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015852.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 15:55
 Operator : YP\AJ
 Sample : Q2003-07MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5MSD

Integration File: autoint1.e
 Quant Time: May 17 00:43:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.892	5470535	36.743 ug/ml
Spiked Amount 50.000		Recovery =	73.49%
12) S 1-chlorooctadecane (S...	13.335	4378349	38.007 ug/ml
Spiked Amount 50.000		Recovery =	76.01%
Target Compounds			
1) T n-Nonane (C9)	3.250	6680720	59.545 ug/ml
2) T n-Decane (C10)	4.503	6884736	60.851 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3804982	32.546 ug/ml
4) T n-Dodecane (C12)	6.679	7048771	61.171 ug/ml
5) T A~2-methylnaphthalene...	7.312	3451008	30.214 ug/ml
6) T n-Tetradecane (C14)	8.515	7017668	60.926 ug/ml
7) T n-Hexadecane (C16)	10.129	7145448	60.418 ug/ml
8) T n-Octadecane (C18)	11.577	7132753	58.678 ug/ml
10) T n-Eicosane (C20)	12.892	7317611	59.709 ug/ml
11) T n-Heneicosane (C21)	13.506	6995257	57.110 ug/ml
13) T n-Docosane (C22)	14.093	6965993	57.175 ug/ml
14) T n-Tetracosane (C24)	15.199	10712444	88.441 ug/ml
15) T n-Hexacosane (C26)	16.226	6728711	56.210 ug/ml
16) T n-Octacosane (C28)	17.177	6727922	57.059 ug/ml
17) T n-Tricontane (C30)	18.069	6611199	55.637 ug/ml
18) T n-Dotriacontane (C32)	18.902	6736058	57.028 ug/ml
19) T n-Tetratriacontane (C34)	19.687	6221769	55.717 ug/ml
20) T n-Hexatriacontane (C36)	20.428	5889591	54.465 ug/ml
21) T n-Octatriacontane (C38)	21.166	5849625	56.313 ug/ml
22) T n-Tetracontane (C40)	22.084	5647590	55.381 ug/ml

(f)=RT Delta > 1/2 Window

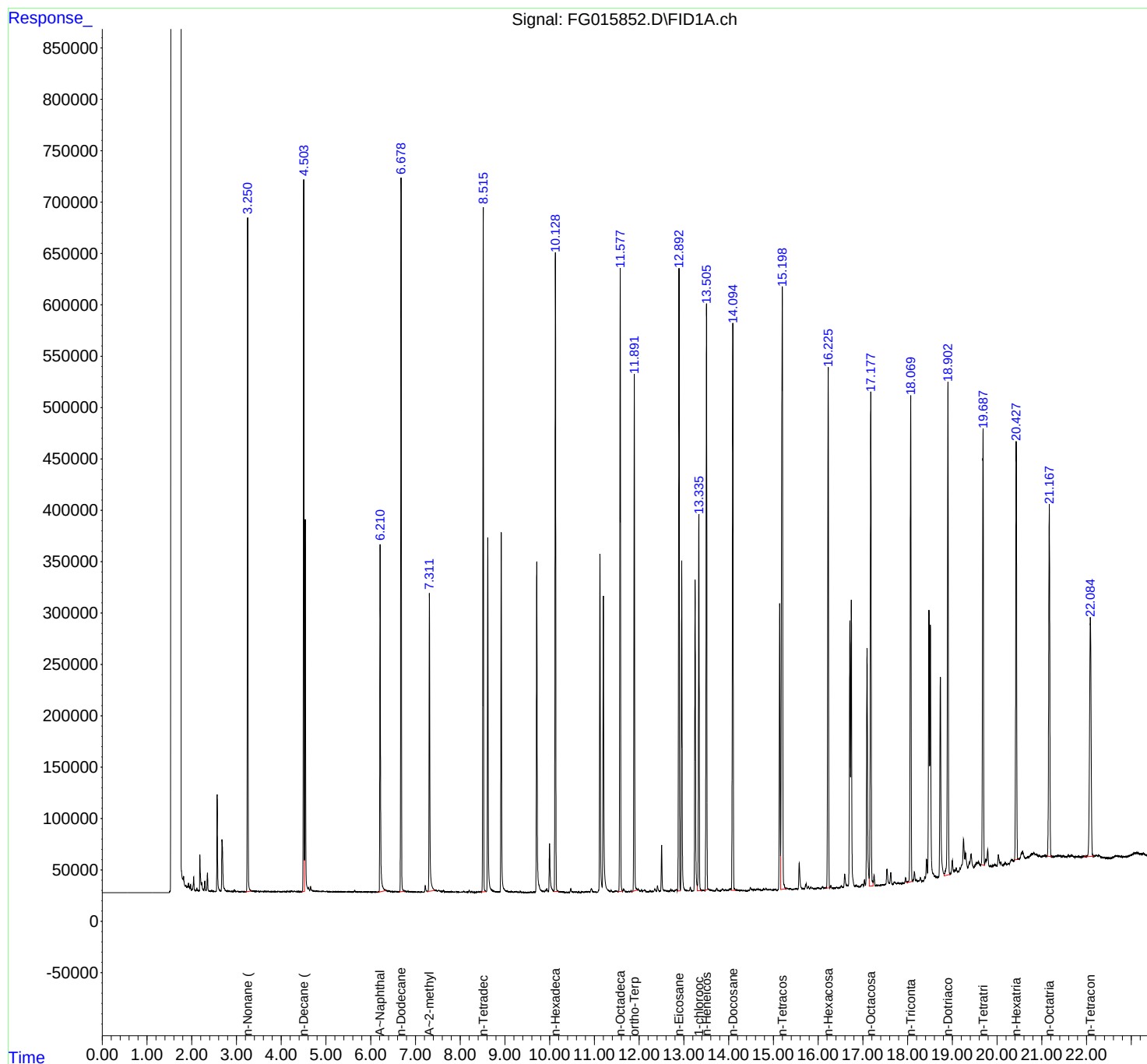
(m)=manual int.

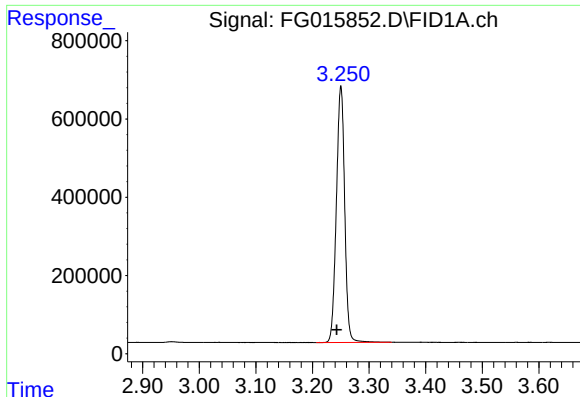
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
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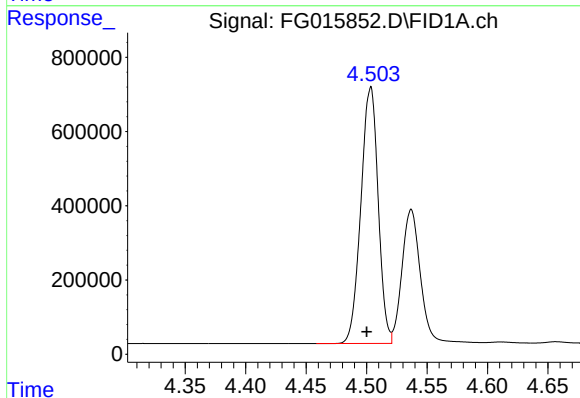




#1 n-Nonane (C9)

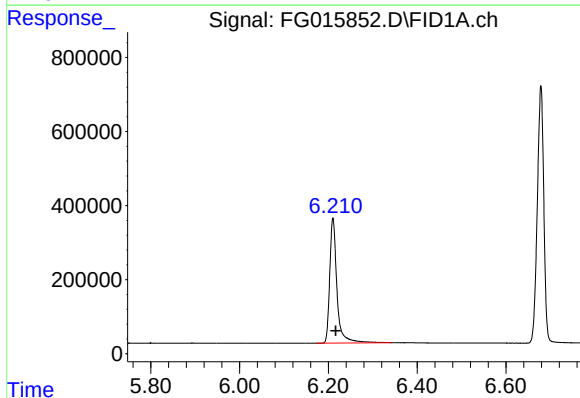
R.T.: 3.250 min
Delta R.T.: 0.007 min
Response: 6680720
Conc: 59.55 ug/ml

Instrument :
FID_G
ClientSampleId :
5MSD



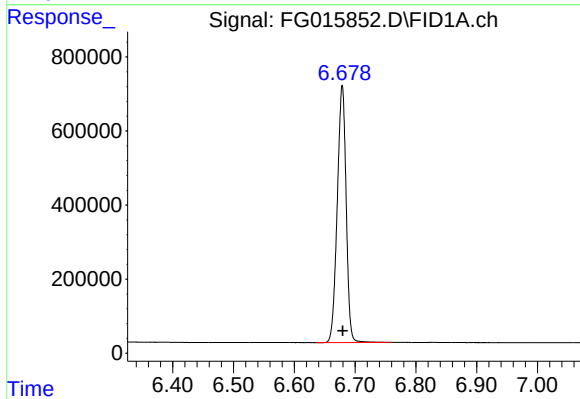
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.003 min
Response: 6884736
Conc: 60.85 ug/ml



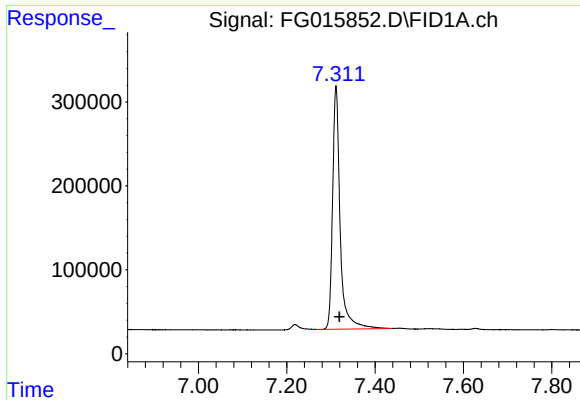
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.006 min
Response: 3804982
Conc: 32.55 ug/ml



#4 n-Dodecane (C12)

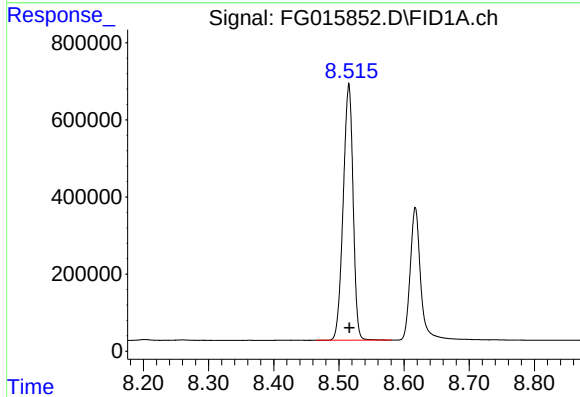
R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 7048771
Conc: 61.17 ug/ml



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

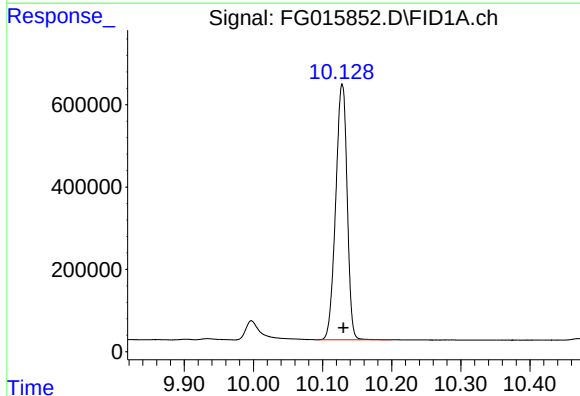
R.T.: 7.312 min
Delta R.T.: -0.008 min
Response: 3451008
Conc: 30.21 ug/ml

Instrument :
FID_G
ClientSampleId :
5MSD



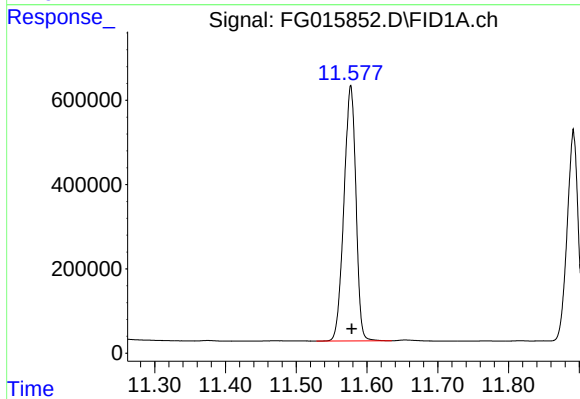
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 7017668
Conc: 60.93 ug/ml



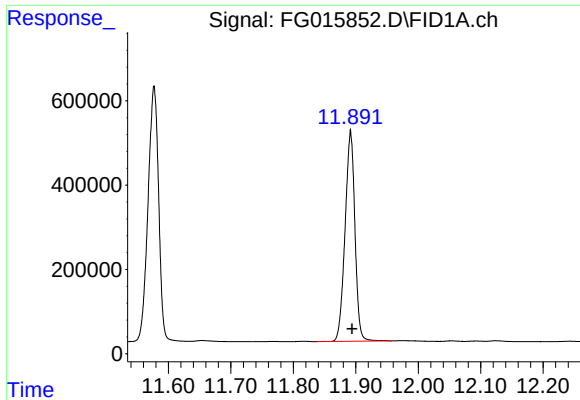
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.002 min
Response: 7145448
Conc: 60.42 ug/ml



#8 n-Octadecane (C18)

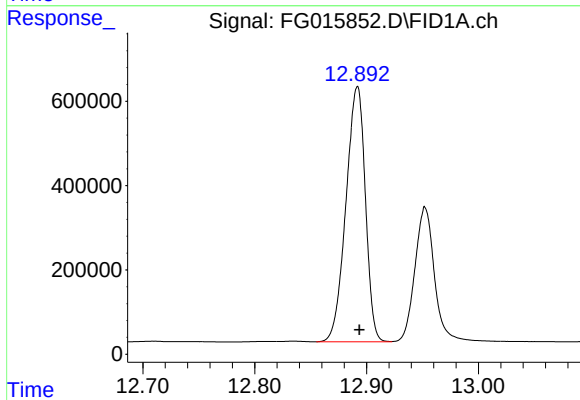
R.T.: 11.577 min
Delta R.T.: -0.001 min
Response: 7132753
Conc: 58.68 ug/ml



#9 ortho-Terphenyl (SURR)

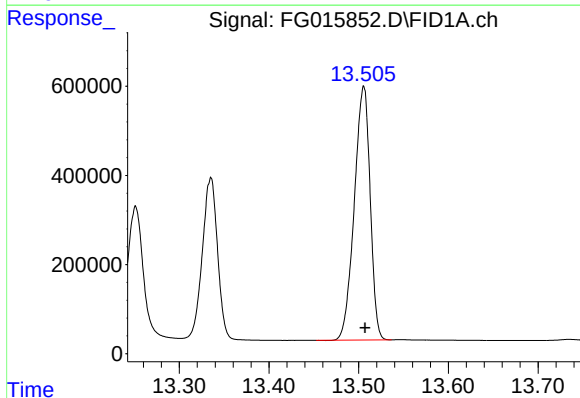
R.T.: 11.892 min
Delta R.T.: -0.002 min
Response: 5470535
Conc: 36.74 ug/ml

Instrument :
FID_G
ClientSampleId :
5MSD



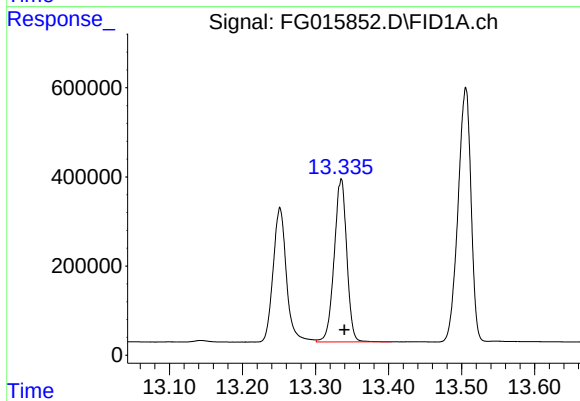
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.002 min
Response: 7317611
Conc: 59.71 ug/ml



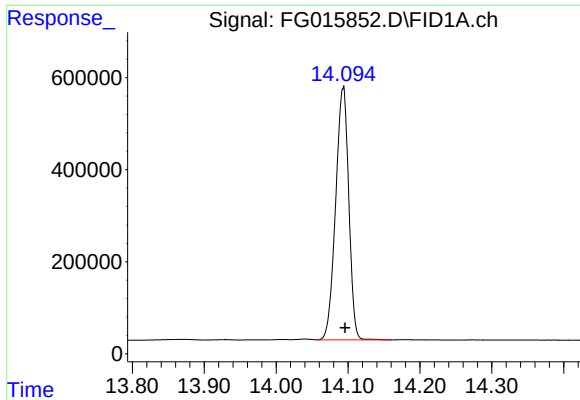
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.001 min
Response: 6995257
Conc: 57.11 ug/ml



#12 1-chlorooctadecane (SURR)

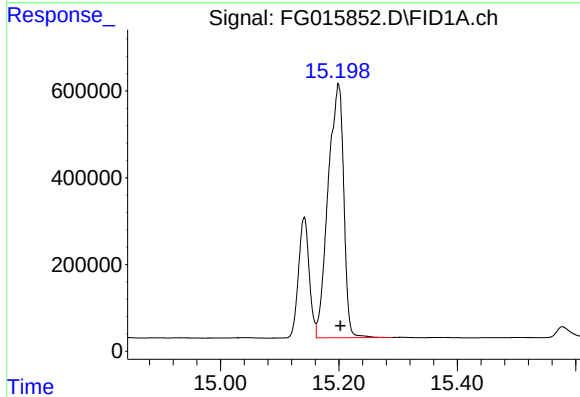
R.T.: 13.335 min
Delta R.T.: -0.004 min
Response: 4378349
Conc: 38.01 ug/ml



#13 n-Docosane (C22)

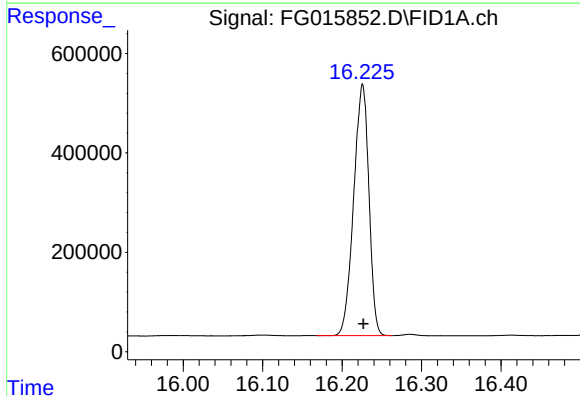
R.T.: 14.093 min
Delta R.T.: -0.002 min
Response: 6965993
Conc: 57.18 ug/ml

Instrument :
FID_G
ClientSampleId :
5MSD



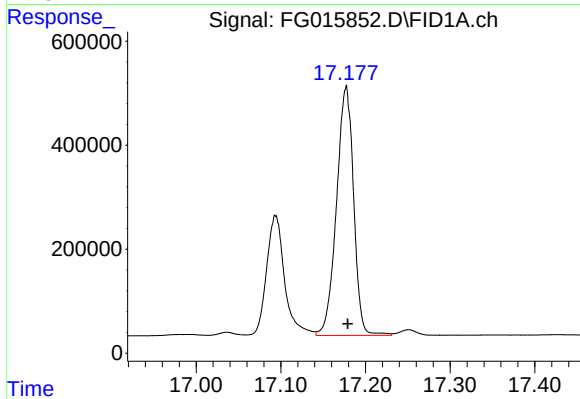
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.003 min
Response: 10712444
Conc: 88.44 ug/ml



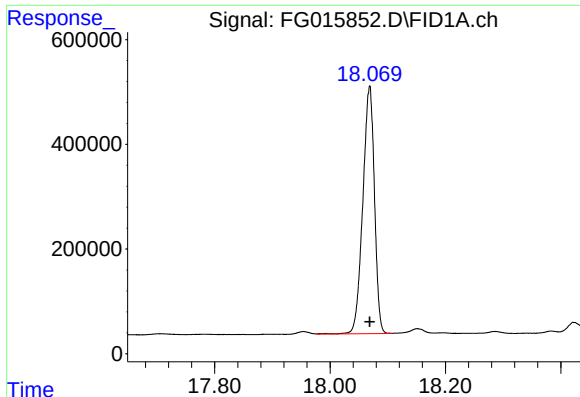
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: 0.000 min
Response: 6728711
Conc: 56.21 ug/ml



#16 n-Octacosane (C28)

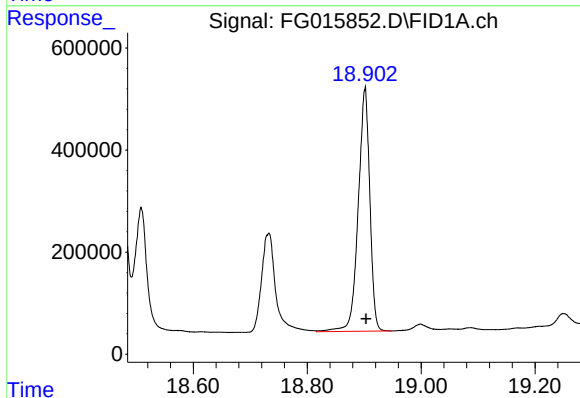
R.T.: 17.177 min
Delta R.T.: -0.002 min
Response: 6727922
Conc: 57.06 ug/ml



#17 n-Tricontane (C30)

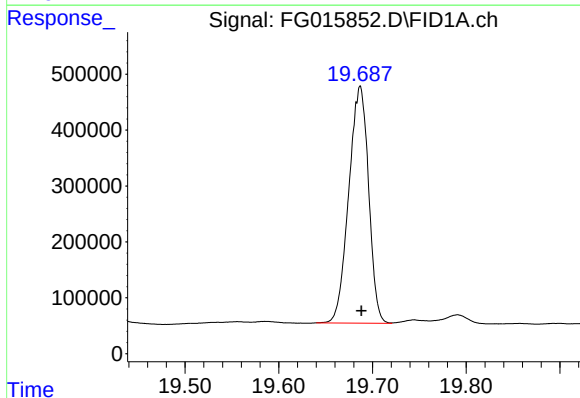
R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 6611199
Conc: 55.64 ug/ml

Instrument :
FID_G
ClientSampleId :
5MSD



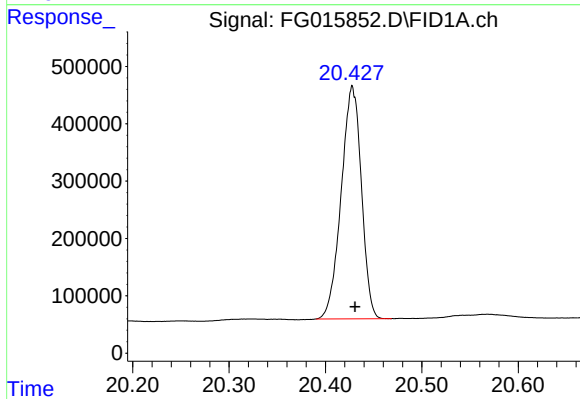
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.002 min
Response: 6736058
Conc: 57.03 ug/ml



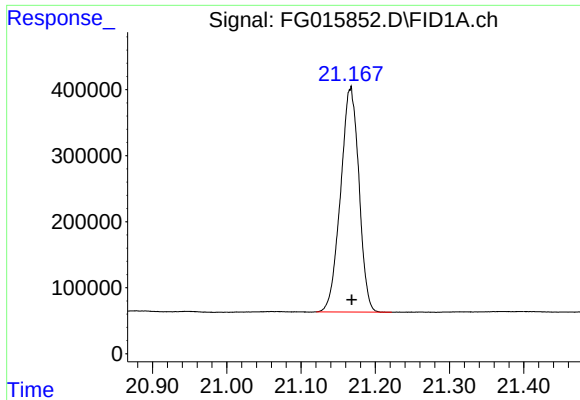
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: -0.001 min
Response: 6221769
Conc: 55.72 ug/ml



#20 n-Hexatriacontane (C36)

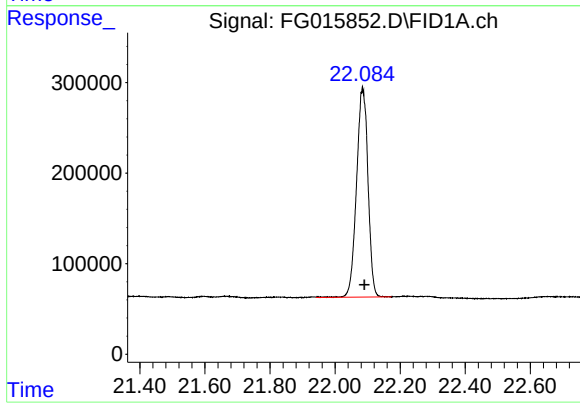
R.T.: 20.428 min
Delta R.T.: -0.003 min
Response: 5889591
Conc: 54.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.166 min
Delta R.T.: -0.002 min
Response: 5849625
Conc: 56.31 ug/ml

Instrument :
FID_G
ClientSampleId :
5MSD



#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.006 min
Response: 5647590
Conc: 55.38 ug/ml