

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122024AL\
 Data File : FG014996.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 10:08
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 20 13:45:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 20 13:45:11 2024
 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)	11.966	7530231	46.536 ug/ml
Spiked Amount 50.000		Recovery =	93.07%
12) S 1-chlorooctadecane (S...	13.411	6045608	46.609 ug/ml
Spiked Amount 50.000		Recovery =	93.22%
Target Compounds			
1) T n-Nonane (C9)	3.297	6028538	46.181 ug/ml
2) T n-Decane (C10)	4.559	6152264	46.215 ug/ml
3) T A~Naphthalene (C11.7)	6.272	6796208	46.253 ug/ml
4) T n-Dodecane (C12)	6.741	6258862	46.320 ug/ml
5) T A~2-methylnaphthalene...	7.375	6651319	46.314 ug/ml
6) T n-Tetradecane (C14)	8.580	6346996	46.496 ug/ml
7) T n-Hexadecane (C16)	10.197	6743482	46.627 ug/ml
8) T n-Octadecane (C18)	11.649	7001866	46.642 ug/ml
10) T n-Eicosane (C20)	12.965	6935300	46.622 ug/ml
11) T n-Heneicosane (C21)	13.580	6922764	46.608 ug/ml
13) T n-Docosane (C22)	14.169	6980999	46.568 ug/ml
14) T n-Tetracosane (C24)	15.278	7118268	46.430 ug/ml
15) T n-Hexacosane (C26)	16.303	7132531	46.260 ug/ml
16) T n-Octacosane (C28)	17.258	7090805	46.106 ug/ml
17) T n-Tricontane (C30)	18.149	7187085	45.751 ug/ml
18) T n-Dotriacontane (C32)	18.984	6841387	45.586 ug/ml
19) T n-Tetratriacontane (C34)	19.771	5919647	45.646 ug/ml
20) T n-Hexatriacontane (C36)	20.512	5019077	45.676 ug/ml
21) T n-Octatriacontane (C38)	21.265	4602393	45.740 ug/ml
22) T n-Tetracontane (C40)	22.215	4379193	46.167 ug/ml

(f)=RT Delta > 1/2 Window

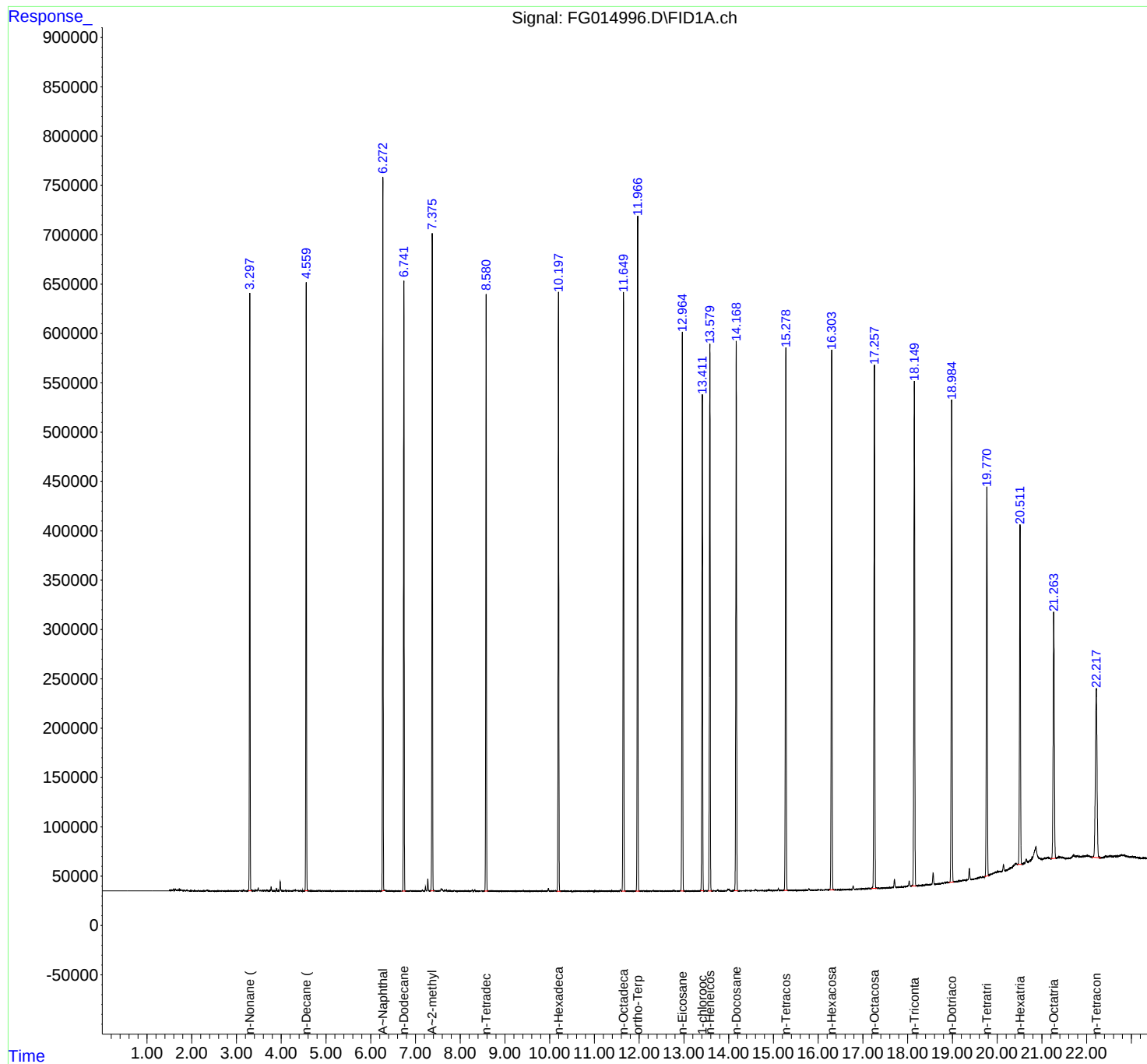
(m)=manual int.

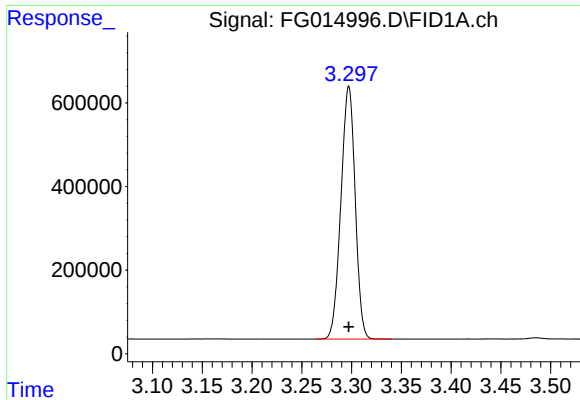
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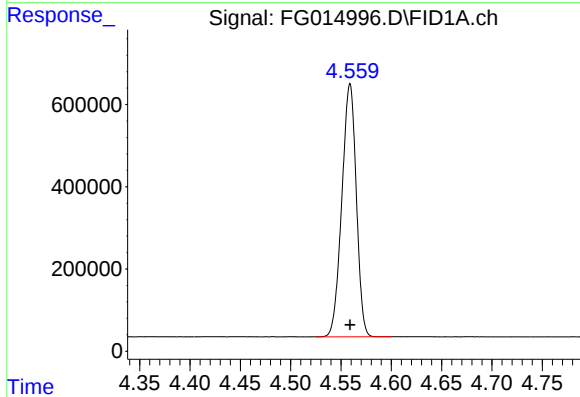




#1 n-Nonane (C9)

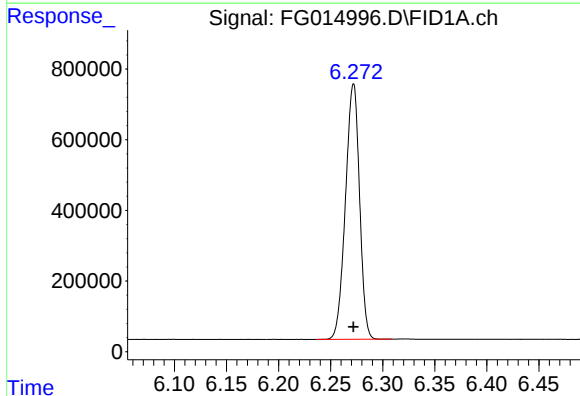
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 6028538
Conc: 46.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



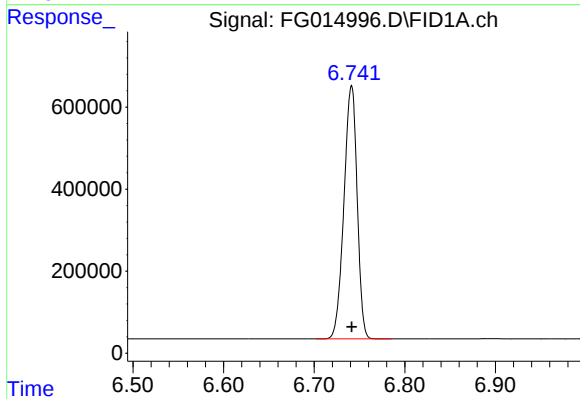
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 6152264
Conc: 46.22 ug/ml



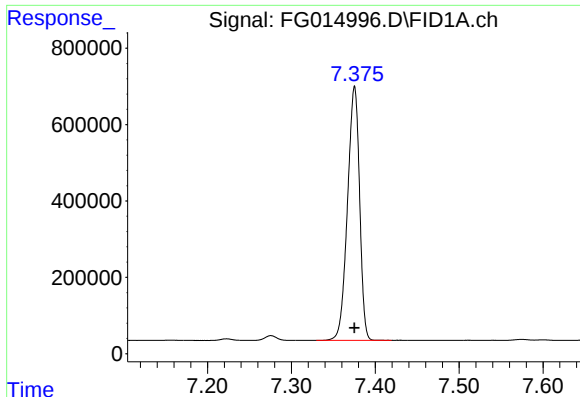
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 6796208
Conc: 46.25 ug/ml



#4 n-Dodecane (C12)

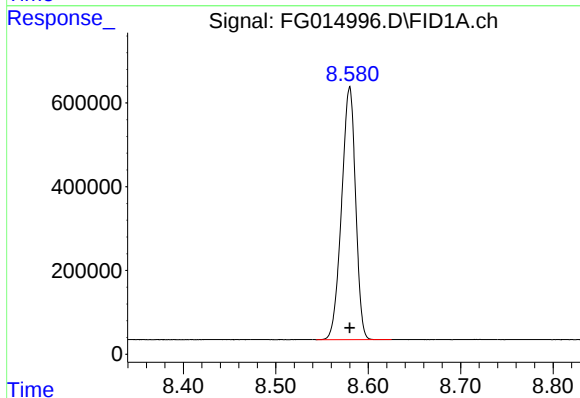
R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 6258862
Conc: 46.32 ug/ml



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

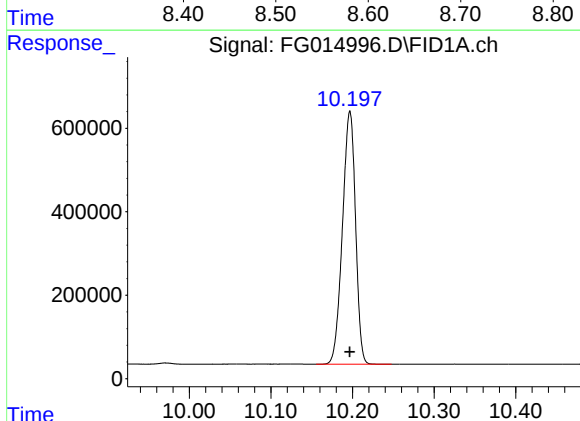
R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 6651319
Conc: 46.31 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



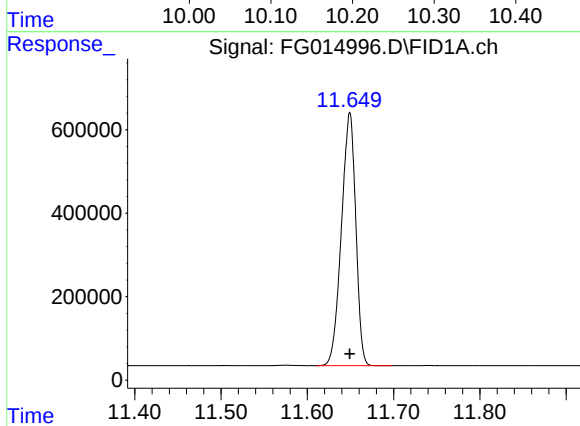
#6 n-Tetradecane (C14)

R.T.: 8.580 min
Delta R.T.: 0.000 min
Response: 6346996
Conc: 46.50 ug/ml



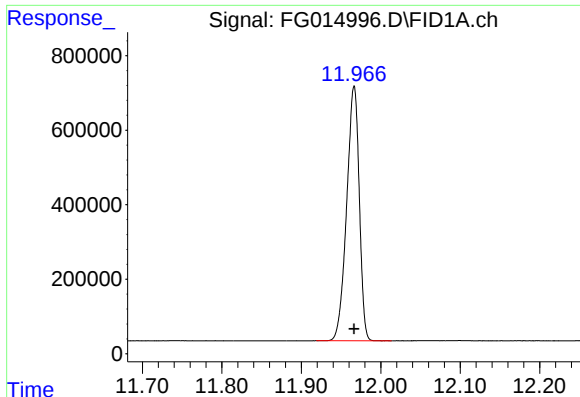
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: 0.000 min
Response: 6743482
Conc: 46.63 ug/ml



#8 n-Octadecane (C18)

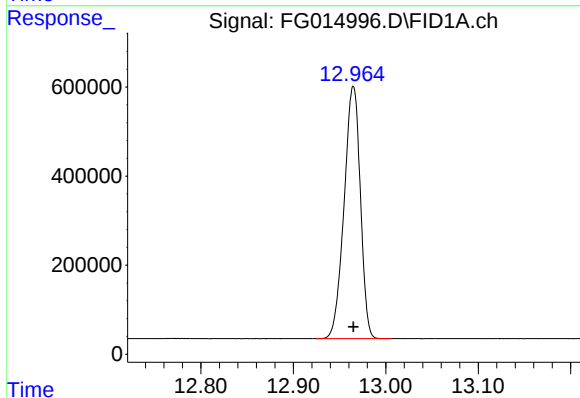
R.T.: 11.649 min
Delta R.T.: 0.000 min
Response: 7001866
Conc: 46.64 ug/ml



#9 ortho-Terphenyl (SURR)

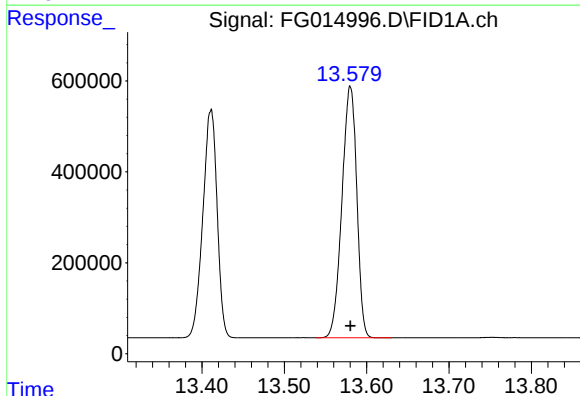
R.T.: 11.966 min
Delta R.T.: 0.000 min
Response: 7530231
Conc: 46.54 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



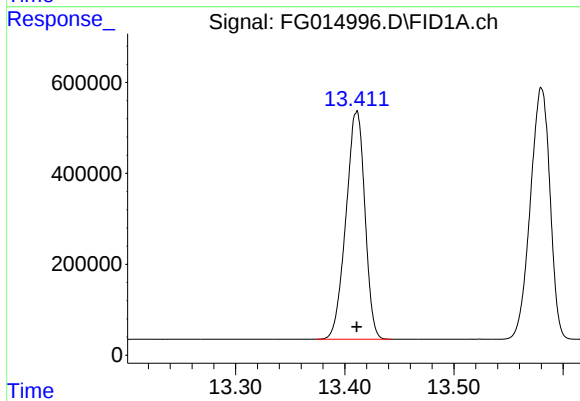
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.000 min
Response: 6935300
Conc: 46.62 ug/ml



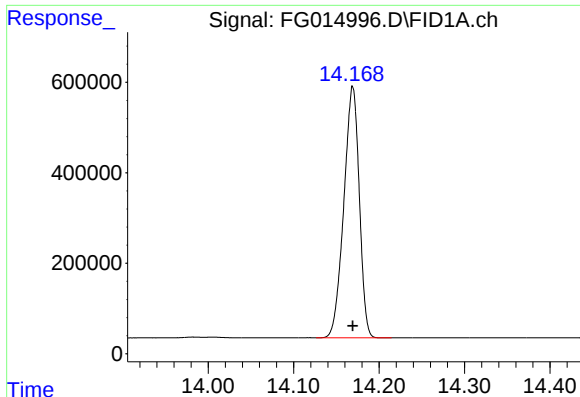
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: 0.000 min
Response: 6922764
Conc: 46.61 ug/ml



#12 1-chlorooctadecane (SURR)

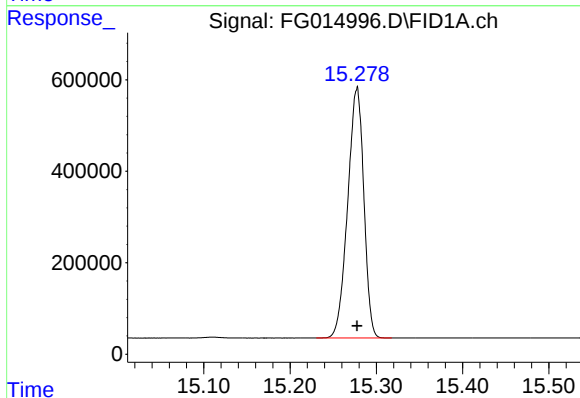
R.T.: 13.411 min
Delta R.T.: 0.000 min
Response: 6045608
Conc: 46.61 ug/ml



#13 n-Docosane (C22)

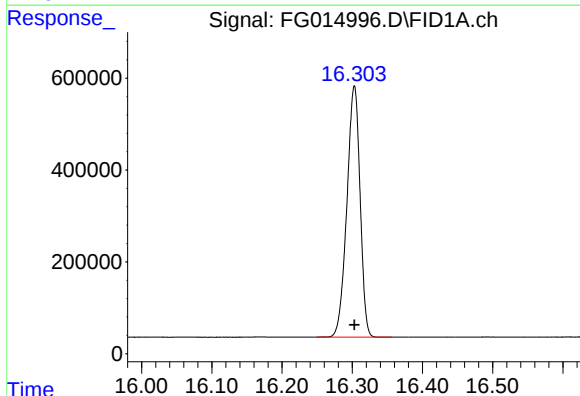
R.T.: 14.169 min
Delta R.T.: 0.000 min
Response: 6980999
Conc: 46.57 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



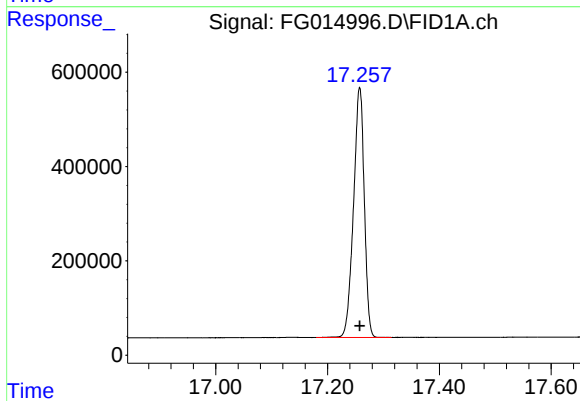
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: 0.000 min
Response: 7118268
Conc: 46.43 ug/ml



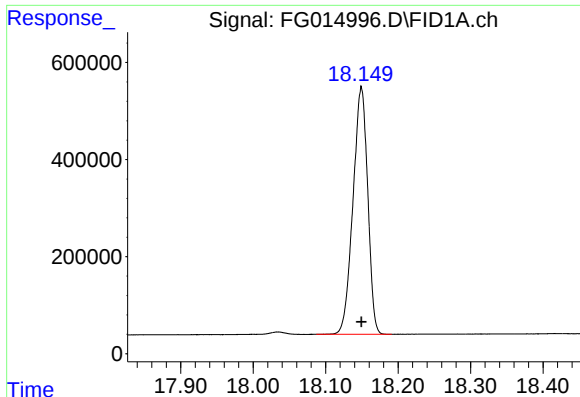
#15 n-Hexacosane (C26)

R.T.: 16.303 min
Delta R.T.: 0.000 min
Response: 7132531
Conc: 46.26 ug/ml



#16 n-Octacosane (C28)

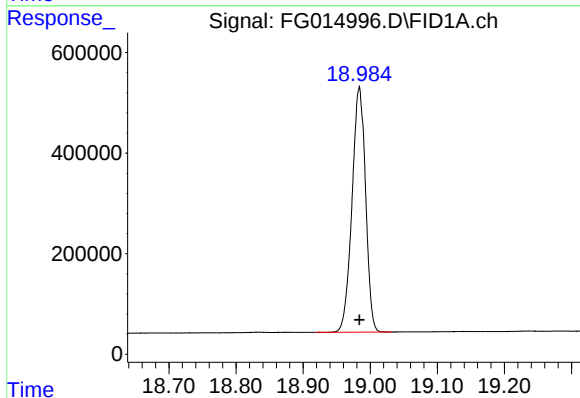
R.T.: 17.258 min
Delta R.T.: 0.000 min
Response: 7090805
Conc: 46.11 ug/ml



#17 n-Tricontane (C30)

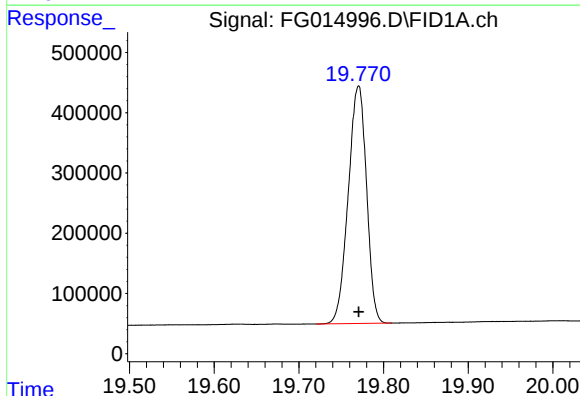
R.T.: 18.149 min
Delta R.T.: 0.000 min
Response: 7187085
Conc: 45.75 ug/ml

Instrument :
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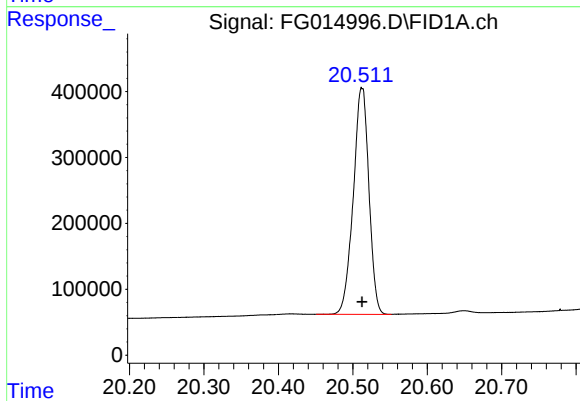
#18 n-Dotriacontane (C32)

R.T.: 18.984 min
Delta R.T.: 0.000 min
Response: 6841387
Conc: 45.59 ug/ml



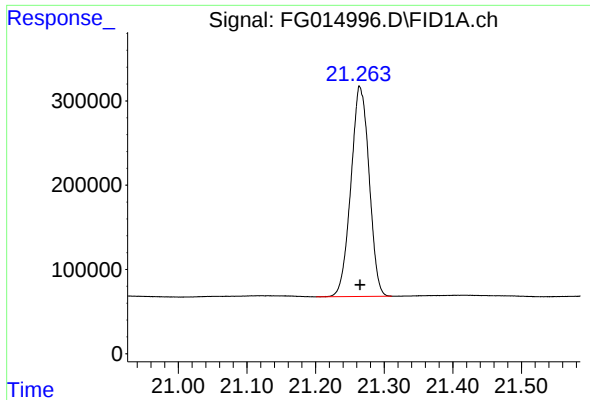
#19 n-Tetratriacontane (C34)

R.T.: 19.771 min
Delta R.T.: 0.000 min
Response: 5919647
Conc: 45.65 ug/ml



#20 n-Hexatriacontane (C36)

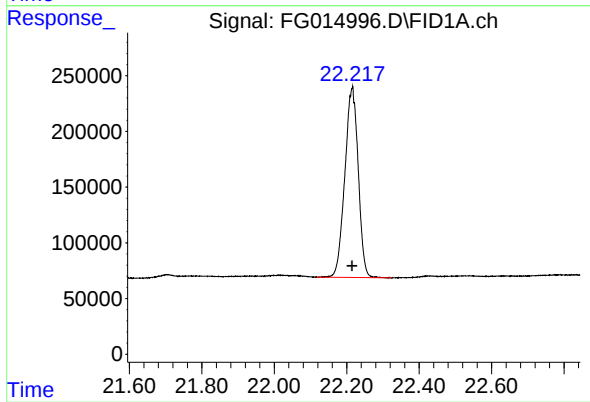
R.T.: 20.512 min
Delta R.T.: 0.000 min
Response: 5019077
Conc: 45.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.265 min
Delta R.T.: 0.000 min
Response: 4602393
Conc: 45.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.215 min
Delta R.T.: 0.000 min
Response: 4379193
Conc: 46.17 ug/ml