

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
 Data File : FG016074.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 15:33
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 16 06:41:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:39:56 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)	12.091	1286511	10.241 ug/ml
Spiked Amount 50.000		Recovery =	20.48%
12) S 1-chlorooctadecane (S...	13.534	1004341	10.239 ug/ml
Spiked Amount 50.000		Recovery =	20.48%
Target Compounds			
1) T n-Nonane (C9)	3.421	1080527	10.238 ug/ml
2) T n-Decane (C10)	4.680	1095102	10.230 ug/ml
3) T A~Naphthalene (C11.7)	6.396	1191754	10.211 ug/ml
4) T n-Dodecane (C12)	6.858	1097786	10.225 ug/ml
5) T A~2-methylnaphthalene...	7.497	1159323	10.213 ug/ml
6) T n-Tetradecane (C14)	8.696	1095723	10.256 ug/ml
7) T n-Hexadecane (C16)	10.314	1133303	10.226 ug/ml
8) T n-Octadecane (C18)	11.766	1158461	10.238 ug/ml
10) T n-Eicosane (C20)	13.084	1134527	10.248 ug/ml
11) T n-Heneicosane (C21)	13.701	1127454	10.241 ug/ml
13) T n-Docosane (C22)	14.290	1133031	10.245 ug/ml
14) T n-Tetracosane (C24)	15.400	1150621	10.239 ug/ml
15) T n-Hexacosane (C26)	16.427	1150749	10.241 ug/ml
16) T n-Octacosane (C28)	17.382	1138837	10.272 ug/ml
17) T n-Tricontane (C30)	18.273	1151501	10.263 ug/ml
18) T n-Dotriacontane (C32)	19.110	1100779	10.271 ug/ml
19) T n-Tetratriacontane (C34)	19.897	1003430	10.300 ug/ml
20) T n-Hexatriacontane (C36)	20.641	862082	10.291 ug/ml
21) T n-Octatriacontane (C38)	21.429	766676	10.297 ug/ml
22) T n-Tetracontane (C40)	22.435	703828	10.297 ug/ml

(f)=RT Delta > 1/2 Window

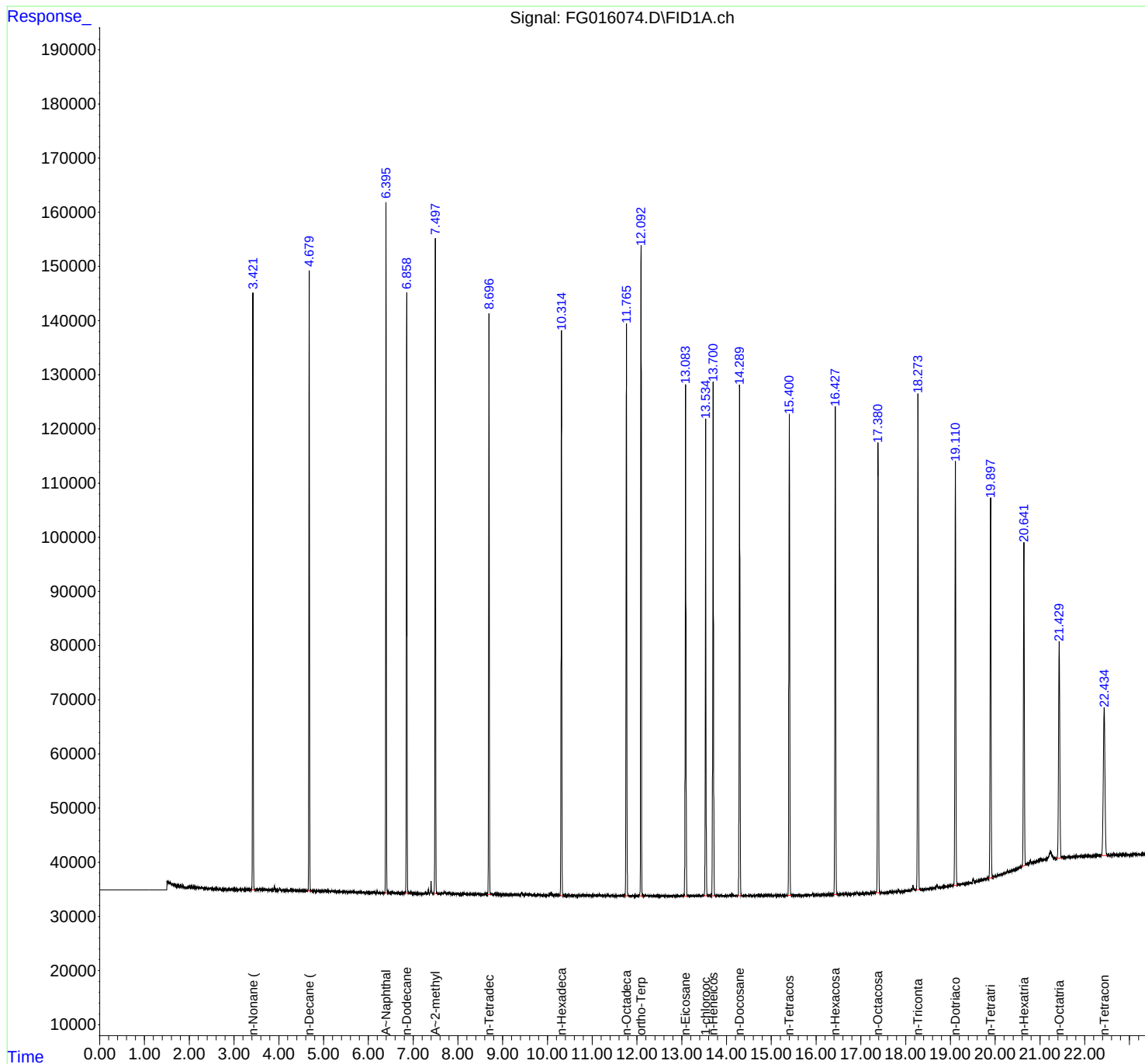
(m)=manual int.

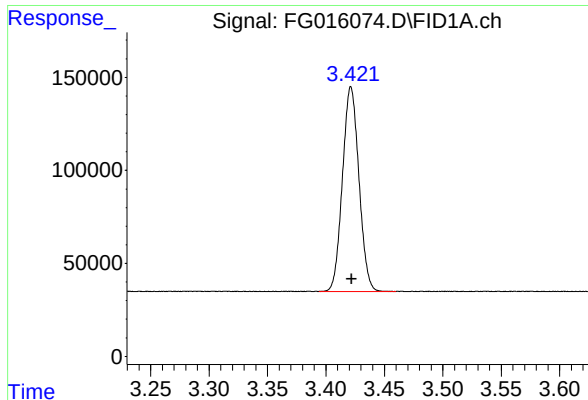
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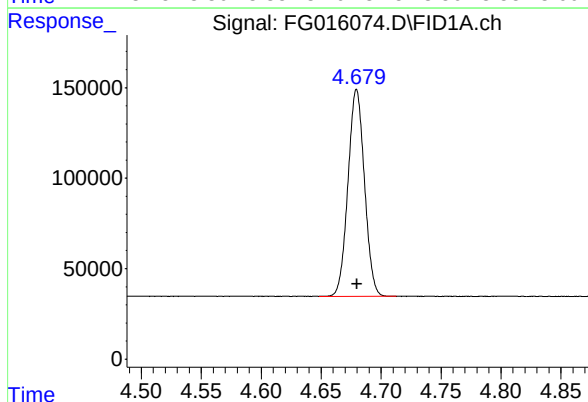




#1 n-Nonane (C9)

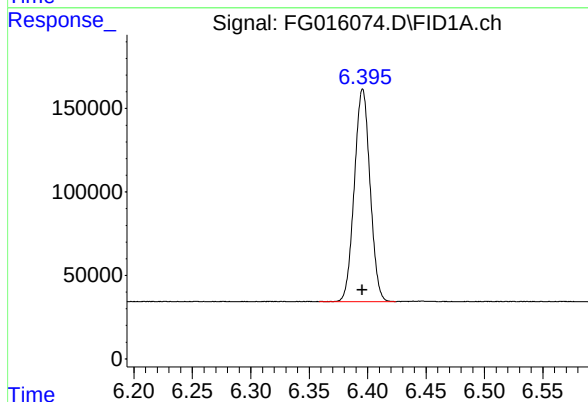
R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 1080527
Conc: 10.24 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



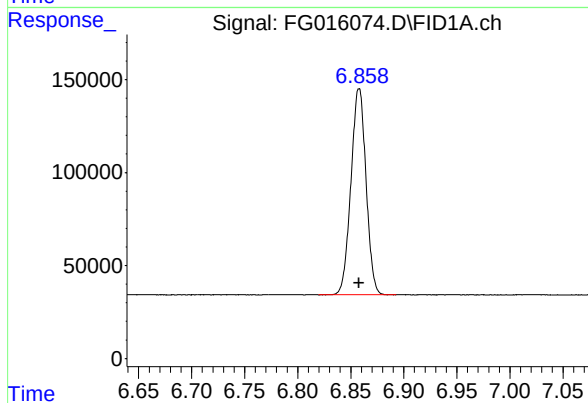
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 1095102
Conc: 10.23 ug/ml



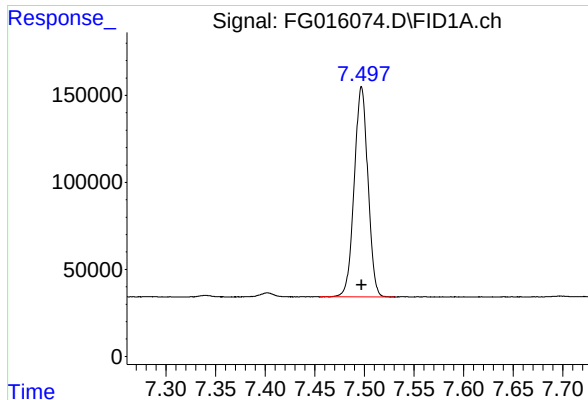
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 1191754
Conc: 10.21 ug/ml



#4 n-Dodecane (C12)

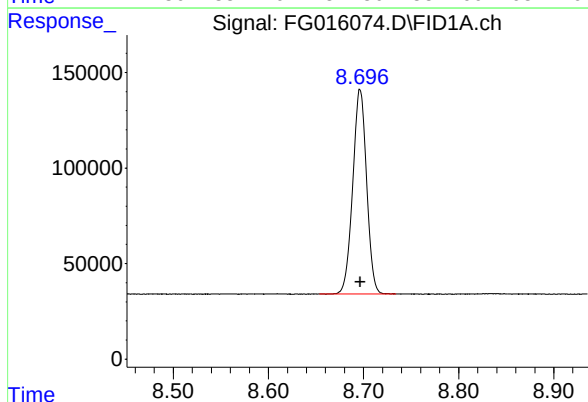
R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 1097786
Conc: 10.23 ug/ml



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

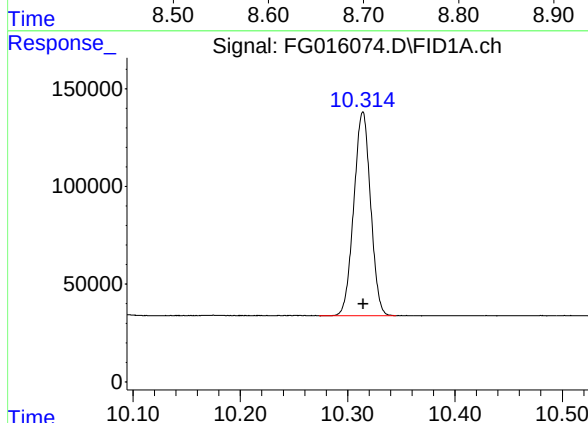
R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 1159323
Conc: 10.21 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



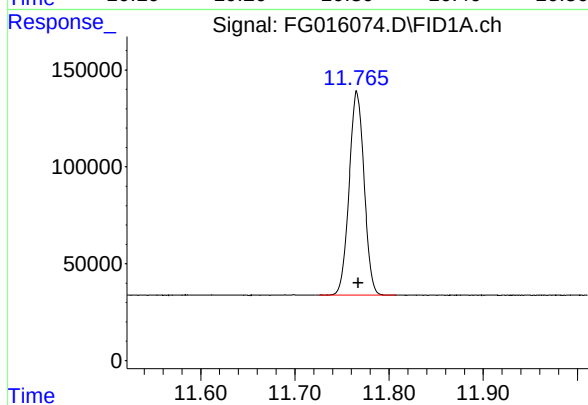
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 1095723
Conc: 10.26 ug/ml



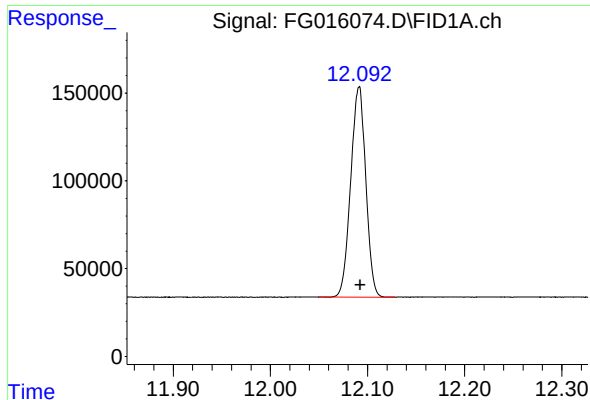
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.000 min
Response: 1133303
Conc: 10.23 ug/ml



#8 n-Octadecane (C18)

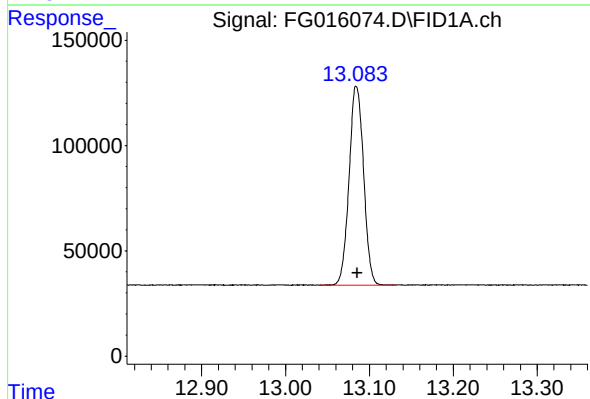
R.T.: 11.766 min
Delta R.T.: -0.002 min
Response: 1158461
Conc: 10.24 ug/ml



#9 ortho-Terphenyl (SURR)

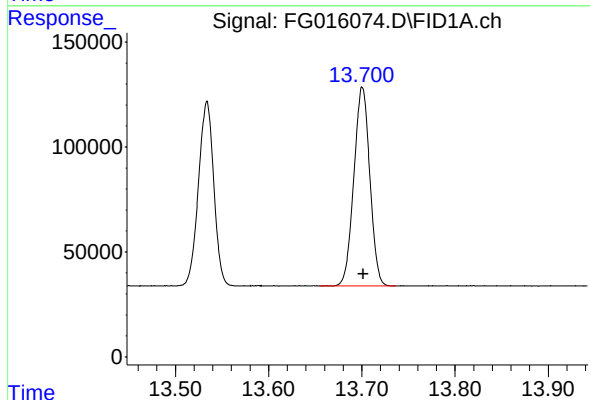
R.T.: 12.091 min
Delta R.T.: -0.001 min
Response: 1286511
Conc: 10.24 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



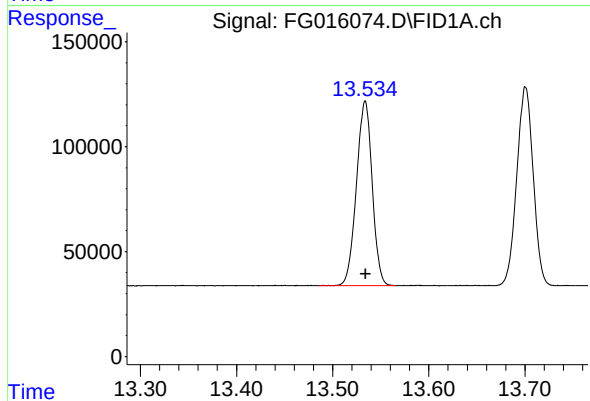
#10 n-Eicosane (C20)

R.T.: 13.084 min
Delta R.T.: -0.001 min
Response: 1134527
Conc: 10.25 ug/ml



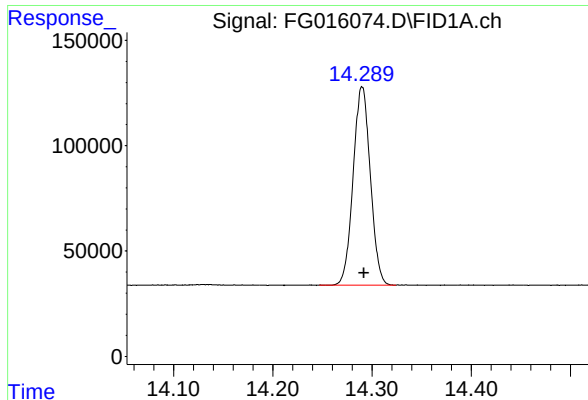
#11 n-Heneicosane (C21)

R.T.: 13.701 min
Delta R.T.: 0.000 min
Response: 1127454
Conc: 10.24 ug/ml



#12 1-chlorooctadecane (SURR)

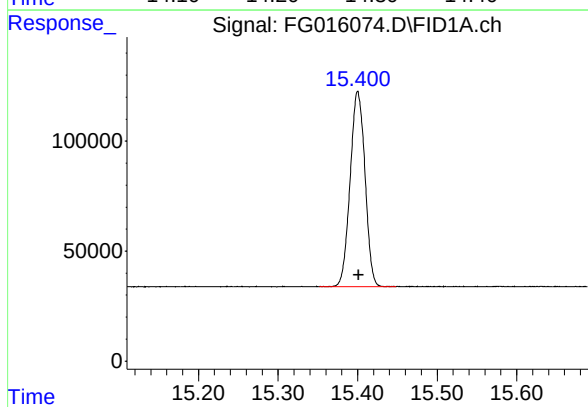
R.T.: 13.534 min
Delta R.T.: 0.000 min
Response: 1004341
Conc: 10.24 ug/ml



#13 n-Docosane (C22)

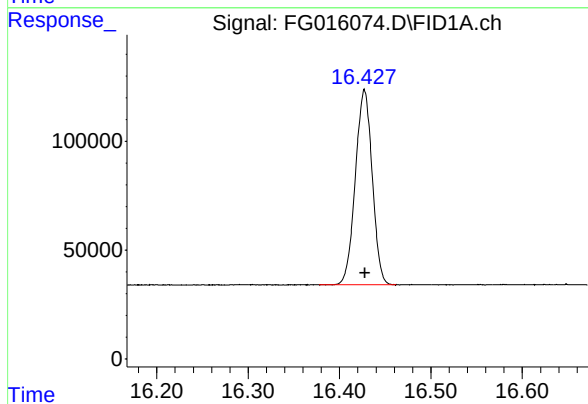
R.T.: 14.290 min
Delta R.T.: -0.002 min
Response: 1133031
Conc: 10.24 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



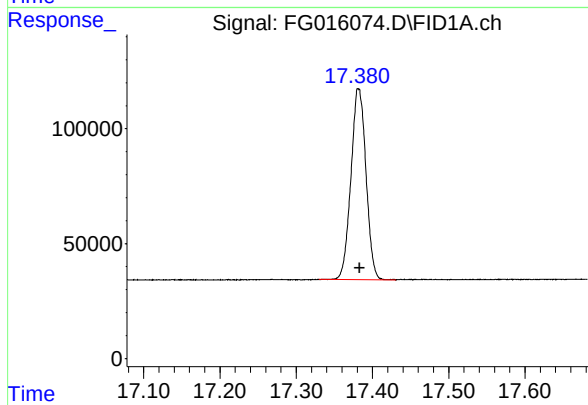
#14 n-Tetracosane (C24)

R.T.: 15.400 min
Delta R.T.: -0.001 min
Response: 1150621
Conc: 10.24 ug/ml



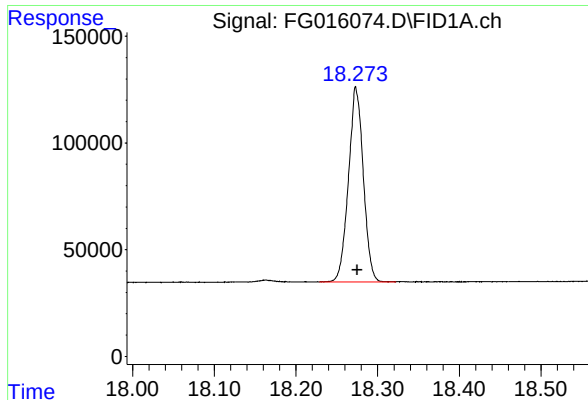
#15 n-Hexacosane (C26)

R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 1150749
Conc: 10.24 ug/ml



#16 n-Octacosane (C28)

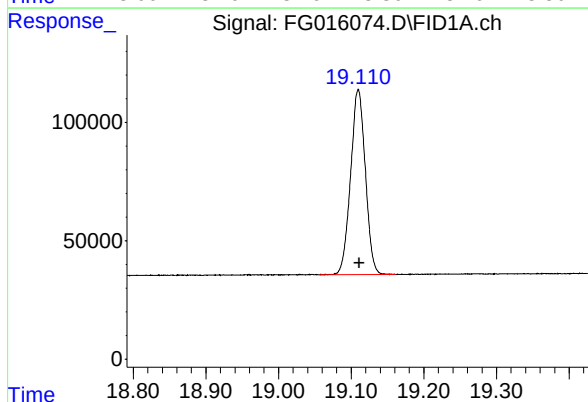
R.T.: 17.382 min
Delta R.T.: -0.002 min
Response: 1138837
Conc: 10.27 ug/ml



#17 n-Tricontane (C30)

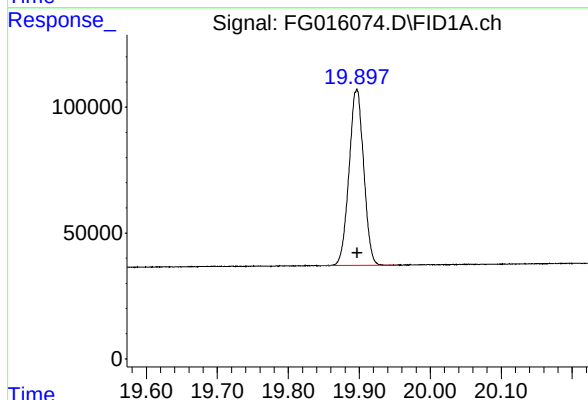
R.T.: 18.273 min
Delta R.T.: -0.002 min
Response: 1151501
Conc: 10.26 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



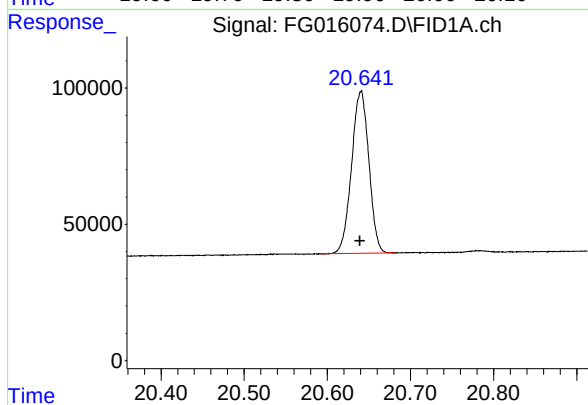
#18 n-Dotriacontane (C32)

R.T.: 19.110 min
Delta R.T.: -0.001 min
Response: 1100779
Conc: 10.27 ug/ml



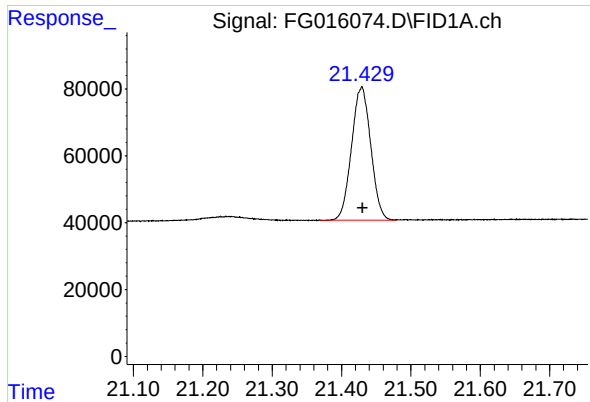
#19 n-Tetatriacontane (C34)

R.T.: 19.897 min
Delta R.T.: -0.001 min
Response: 1003430
Conc: 10.30 ug/ml



#20 n-Hexatriacontane (C36)

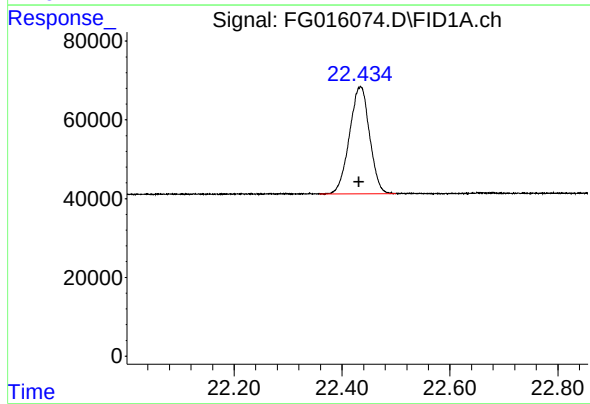
R.T.: 20.641 min
Delta R.T.: 0.000 min
Response: 862082
Conc: 10.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.429 min
Delta R.T.: 0.000 min
Response: 766676
Conc: 10.30 ug/ml

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FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.435 min
Delta R.T.: 0.003 min
Response: 703828
Conc: 10.30 ug/ml