

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111225AL\
 Data File : FG016892.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2025 21:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 14 03:59:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 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)	12.040	3217948	20.376 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
12) S 1-chlorooctadecane (S...	13.485	2428864	20.168 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.364	2591489	20.800 ug/ml
2) T n-Decane (C10)	4.624	2686863	20.987 ug/ml
3) T A~Naphthalene (C11.7)	6.343	2791099	21.332 ug/ml
4) T n-Dodecane (C12)	6.805	2751168	21.100 ug/ml
5) T A~2-methylnaphthalene...	7.446	2643222	21.965 ug/ml
6) T n-Tetradecane (C14)	8.645	2725265	21.332 ug/ml
7) T n-Hexadecane (C16)	10.264	2819009	21.334 ug/ml
8) T n-Octadecane (C18)	11.717	2907758	20.866 ug/ml
10) T n-Eicosane (C20)	13.036	2840676	20.323 ug/ml
11) T n-Heneicosane (C21)	13.652	2801386	20.149 ug/ml
13) T n-Docosane (C22)	14.243	2787664	19.704 ug/ml
14) T n-Tetracosane (C24)	15.354	2786708	18.954 ug/ml
15) T n-Hexacosane (C26)	16.382	2706693	18.449 ug/ml
16) T n-Octacosane (C28)	17.341	2649543	17.999 ug/ml
17) T n-Tricontane (C30)	18.234	2711173	17.917 ug/ml
18) T n-Dotriacontane (C32)	19.072	2633451	17.865 ug/ml
19) T n-Tetratriacontane (C34)	19.860	2357560	18.295 ug/ml
20) T n-Hexatriacontane (C36)	20.604	1985927	19.187 ug/ml
21) T n-Octatriacontane (C38)	21.382	1746257	19.808 ug/ml
22) T n-Tetracontane (C40)	22.368	1677188	21.420 ug/ml

(f)=RT Delta > 1/2 Window

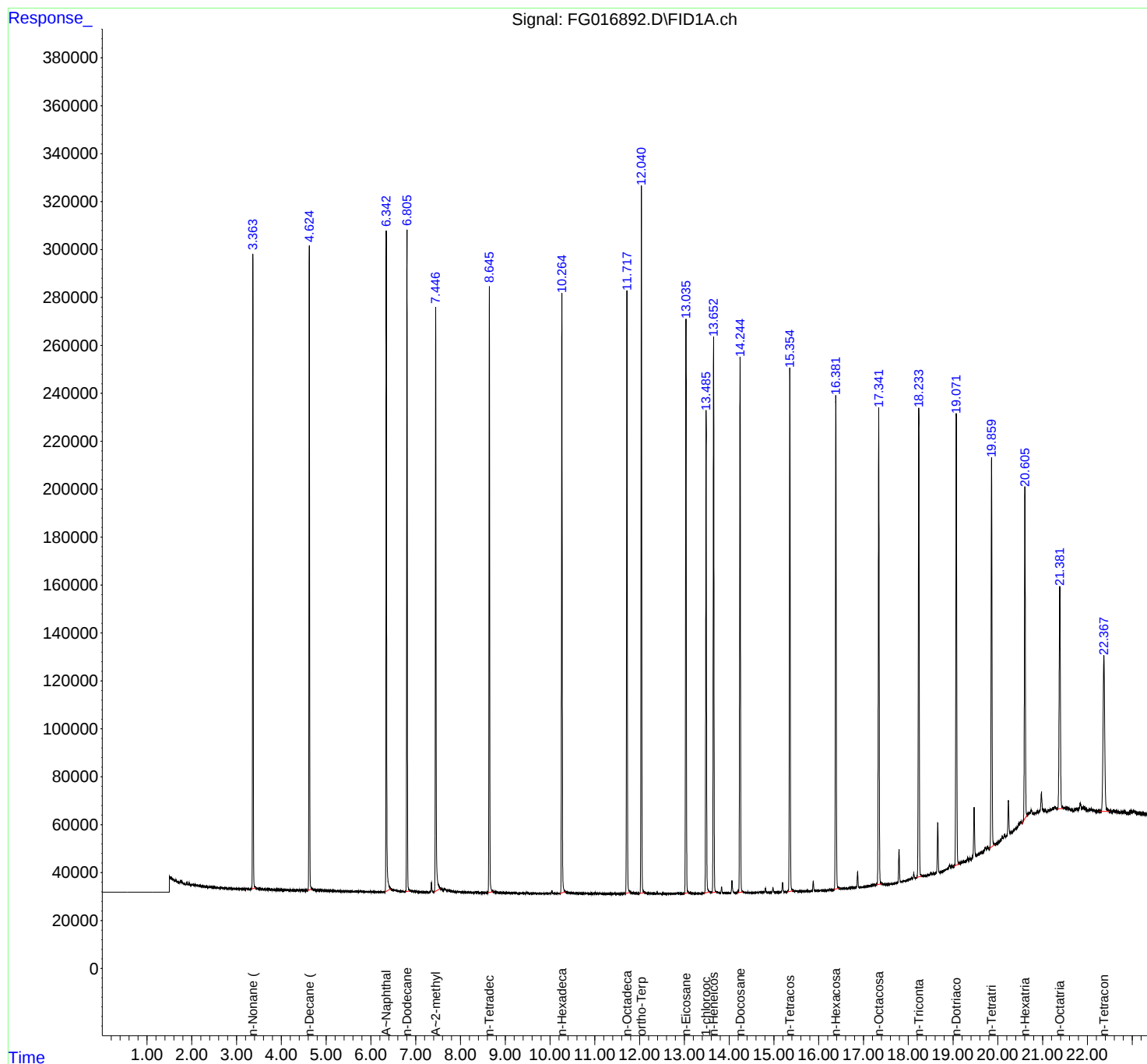
(m)=manual int.

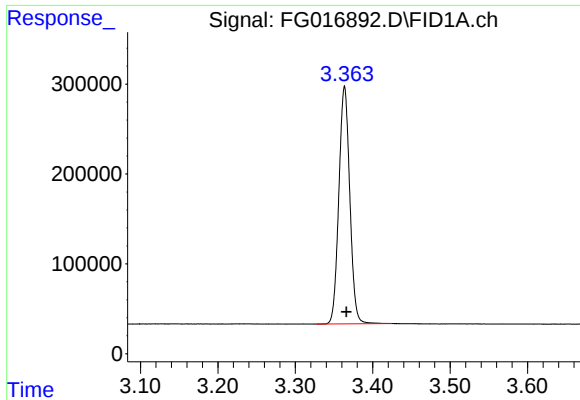
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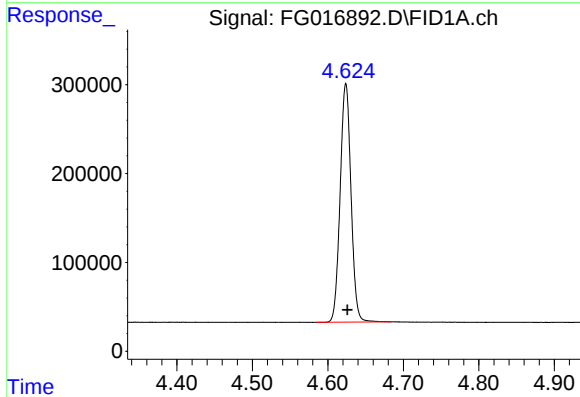




#1 n-Nonane (C9)

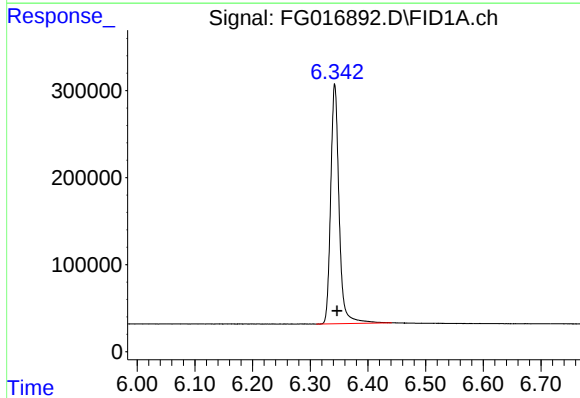
R.T.: 3.364 min
Delta R.T.: -0.002 min
Response: 2591489
Conc: 20.80 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



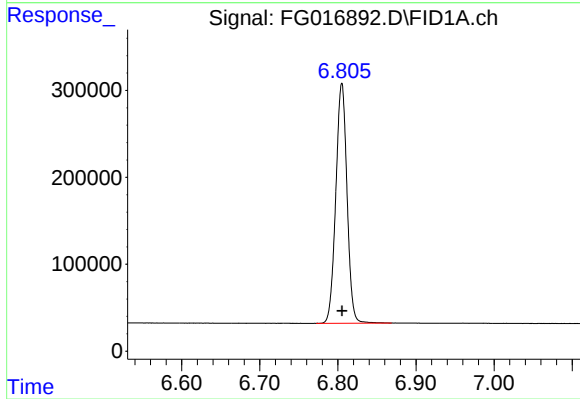
#2 n-Decane (C10)

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 2686863
Conc: 20.99 ug/ml



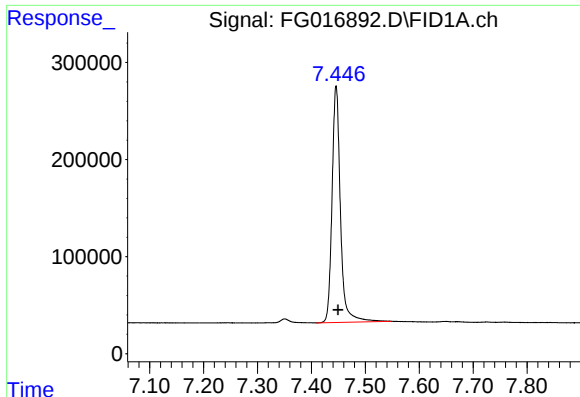
#3 A~Naphthalene (C11.7)

R.T.: 6.343 min
Delta R.T.: -0.004 min
Response: 2791099
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

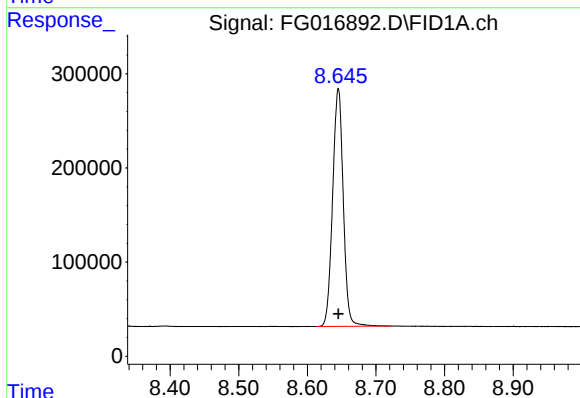
R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 2751168
Conc: 21.10 ug/ml



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

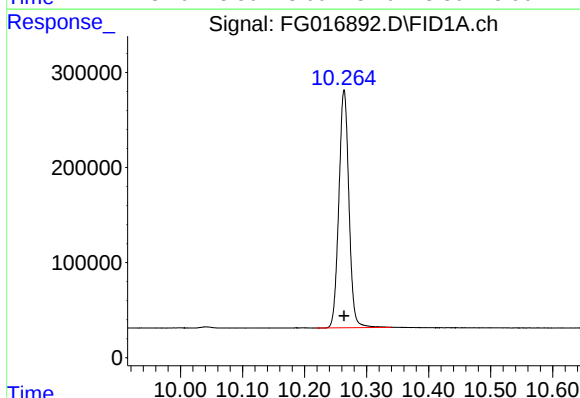
R.T.: 7.446 min
Delta R.T.: -0.004 min
Response: 2643222
Conc: 21.96 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



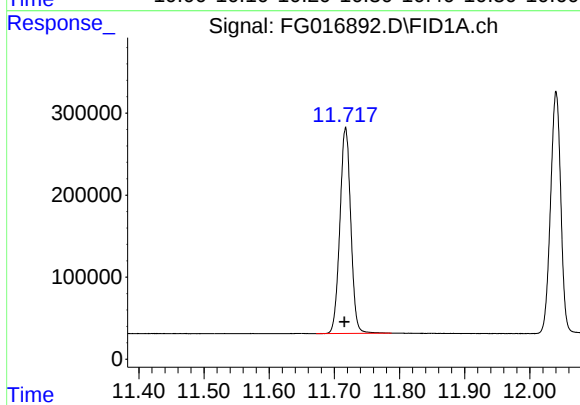
#6 n-Tetradecane (C14)

R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 2725265
Conc: 21.33 ug/ml



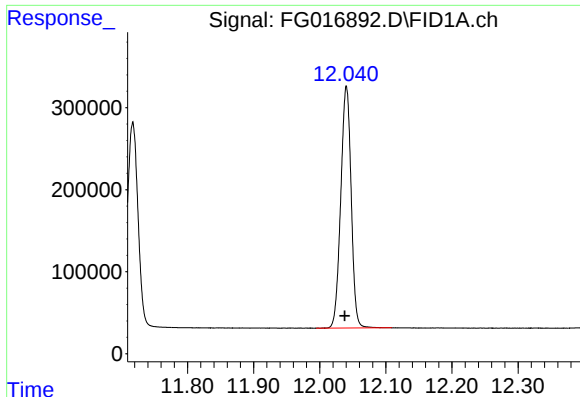
#7 n-Hexadecane (C16)

R.T.: 10.264 min
Delta R.T.: 0.000 min
Response: 2819009
Conc: 21.33 ug/ml



#8 n-Octadecane (C18)

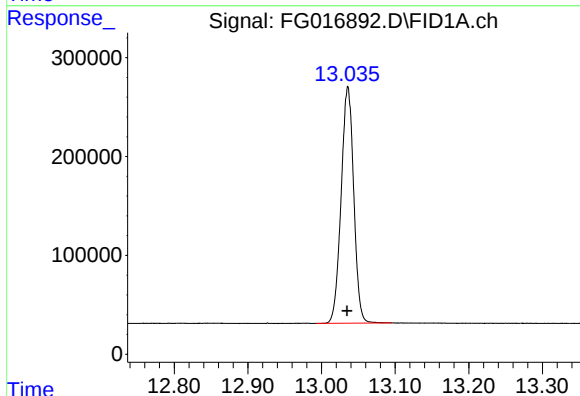
R.T.: 11.717 min
Delta R.T.: 0.002 min
Response: 2907758
Conc: 20.87 ug/ml



#9 ortho-Terphenyl (SURR)

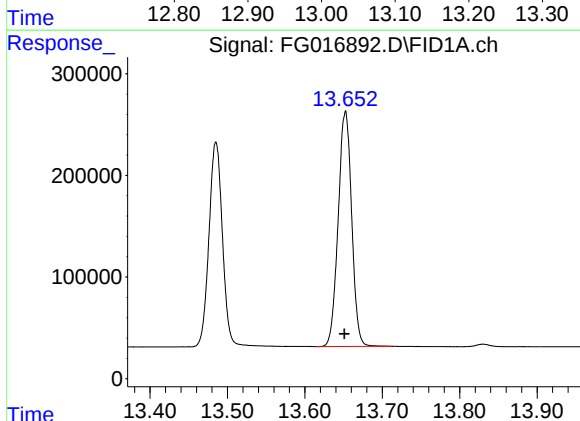
R.T.: 12.040 min
Delta R.T.: 0.003 min
Response: 3217948
Conc: 20.38 ug/ml

Instrument :
FID_G
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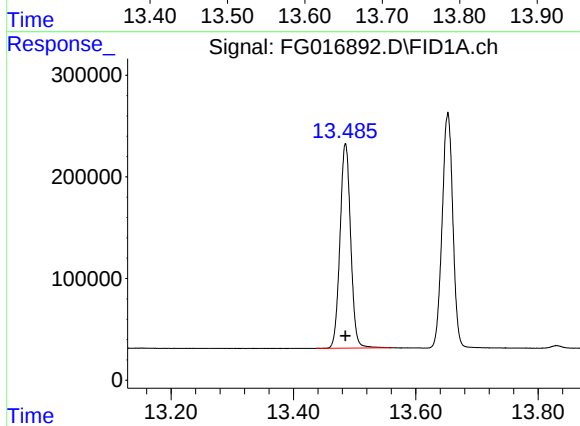
#10 n-Eicosane (C20)

R.T.: 13.036 min
Delta R.T.: 0.000 min
Response: 2840676
Conc: 20.32 ug/ml



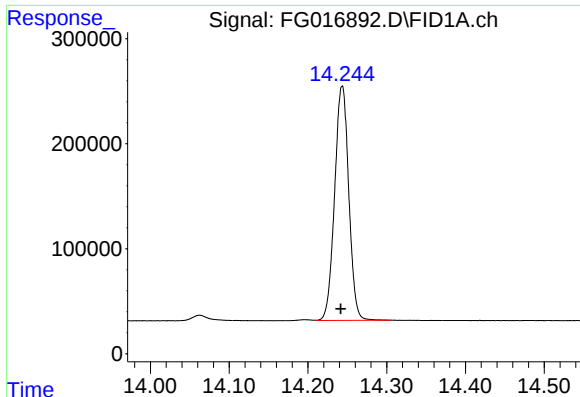
#11 n-Heneicosane (C21)

R.T.: 13.652 min
Delta R.T.: 0.001 min
Response: 2801386
Conc: 20.15 ug/ml



#12 1-chlorooctadecane (SURR)

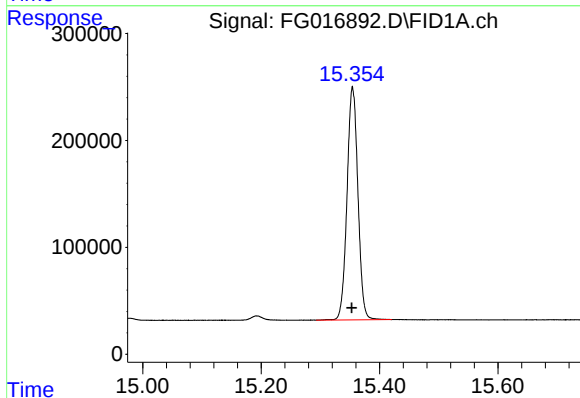
R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 2428864
Conc: 20.17 ug/ml



#13 n-Docosane (C22)

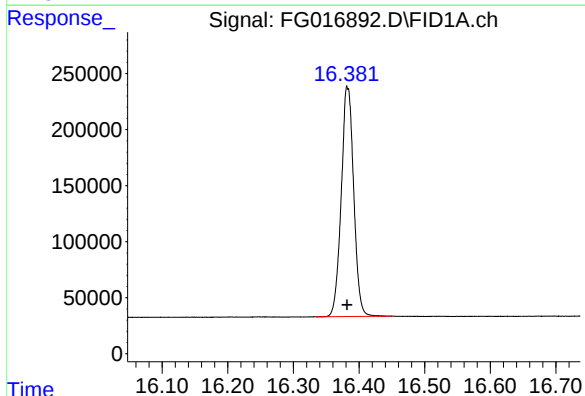
R.T.: 14.243 min
Delta R.T.: 0.002 min
Response: 2787664
Conc: 19.70 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



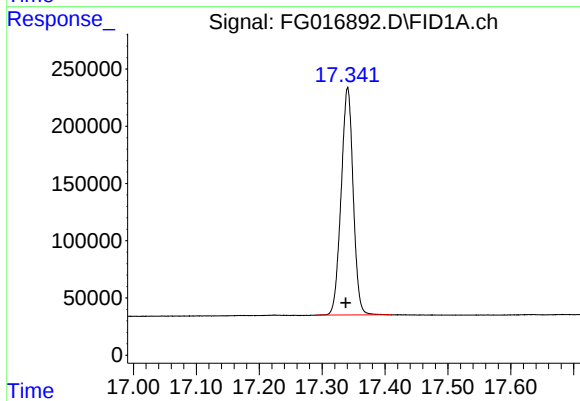
#14 n-Tetracosane (C24)

R.T.: 15.354 min
Delta R.T.: 0.002 min
Response: 2786708
Conc: 18.95 ug/ml



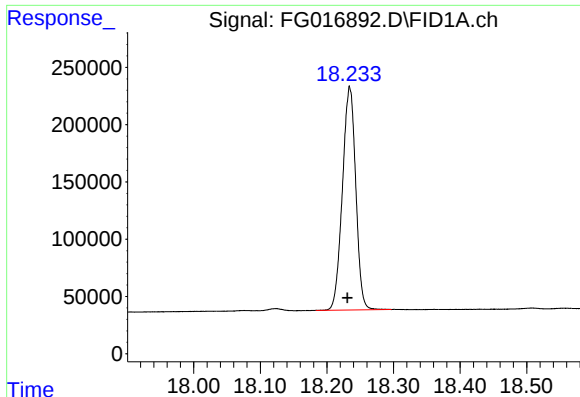
#15 n-Hexacosane (C26)

R.T.: 16.382 min
Delta R.T.: 0.000 min
Response: 2706693
Conc: 18.45 ug/ml



#16 n-Octacosane (C28)

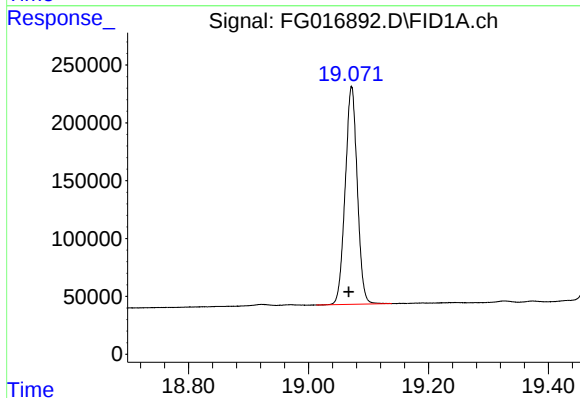
R.T.: 17.341 min
Delta R.T.: 0.003 min
Response: 2649543
Conc: 18.00 ug/ml



#17 n-Tricontane (C30)

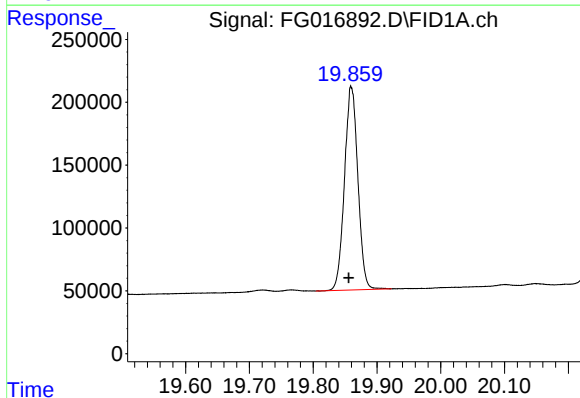
R.T.: 18.234 min
Delta R.T.: 0.004 min
Response: 2711173
Conc: 17.92 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



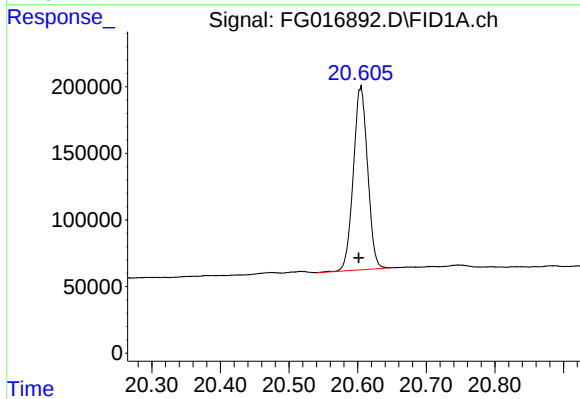
#18 n-Dotriacontane (C32)

R.T.: 19.072 min
Delta R.T.: 0.005 min
Response: 2633451
Conc: 17.87 ug/ml



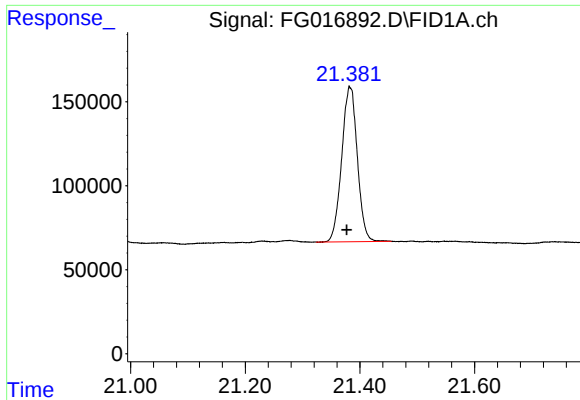
#19 n-Tetratriacontane (C34)

R.T.: 19.860 min
Delta R.T.: 0.004 min
Response: 2357560
Conc: 18.29 ug/ml



#20 n-Hexatriacontane (C36)

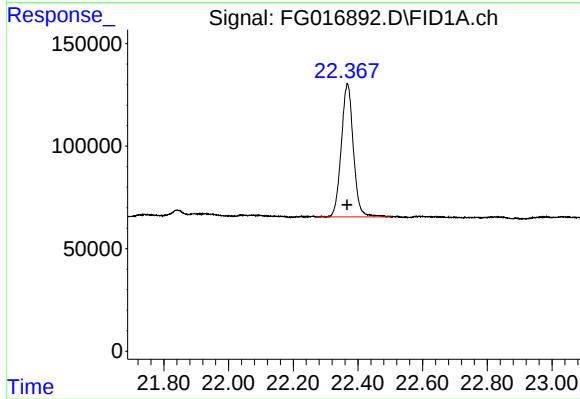
R.T.: 20.604 min
Delta R.T.: 0.003 min
Response: 1985927
Conc: 19.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.382 min
Delta R.T.: 0.005 min
Response: 1746257
Conc: 19.81 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: 0.001 min
Response: 1677188
Conc: 21.42 ug/ml