

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111225AL\
 Data File : FG016871.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2025 08:46
 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 12 12:36:40 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)	12.036	3587977	22.719 ug/ml
Spiked Amount 50.000		Recovery =	45.44%
12) S 1-chlorooctadecane (S...	13.482	2749145	22.827 ug/ml
Spiked Amount 50.000		Recovery =	45.65%
Target Compounds			
1) T n-Nonane (C9)	3.361	2826032	22.683 ug/ml
2) T n-Decane (C10)	4.622	2916209	22.779 ug/ml
3) T A~Naphthalene (C11.7)	6.340	3015026	23.043 ug/ml
4) T n-Dodecane (C12)	6.802	2967746	22.761 ug/ml
5) T A~2-methylnaphthalene...	7.443	2788623	23.173 ug/ml
6) T n-Tetradecane (C14)	8.642	2927805	22.917 ug/ml
7) T n-Hexadecane (C16)	10.260	3038046	22.992 ug/ml
8) T n-Octadecane (C18)	11.714	3175925	22.790 ug/ml
10) T n-Eicosane (C20)	13.033	3180239	22.752 ug/ml
11) T n-Heneicosane (C21)	13.649	3168417	22.789 ug/ml
13) T n-Docosane (C22)	14.240	3195642	22.587 ug/ml
14) T n-Tetracosane (C24)	15.351	3249913	22.104 ug/ml
15) T n-Hexacosane (C26)	16.379	3242296	22.100 ug/ml
16) T n-Octacosane (C28)	17.337	3216628	21.851 ug/ml
17) T n-Tricontane (C30)	18.230	3295291	21.778 ug/ml
18) T n-Dotriacontane (C32)	19.068	3182950	21.593 ug/ml
19) T n-Tetratriacontane (C34)	19.856	2845965	22.085 ug/ml
20) T n-Hexatriacontane (C36)	20.600	2359820	22.799 ug/ml
21) T n-Octatriacontane (C38)	21.379	2059447	23.360 ug/ml
22) T n-Tetracontane (C40)	22.363	1819682	23.240 ug/ml

(f)=RT Delta > 1/2 Window

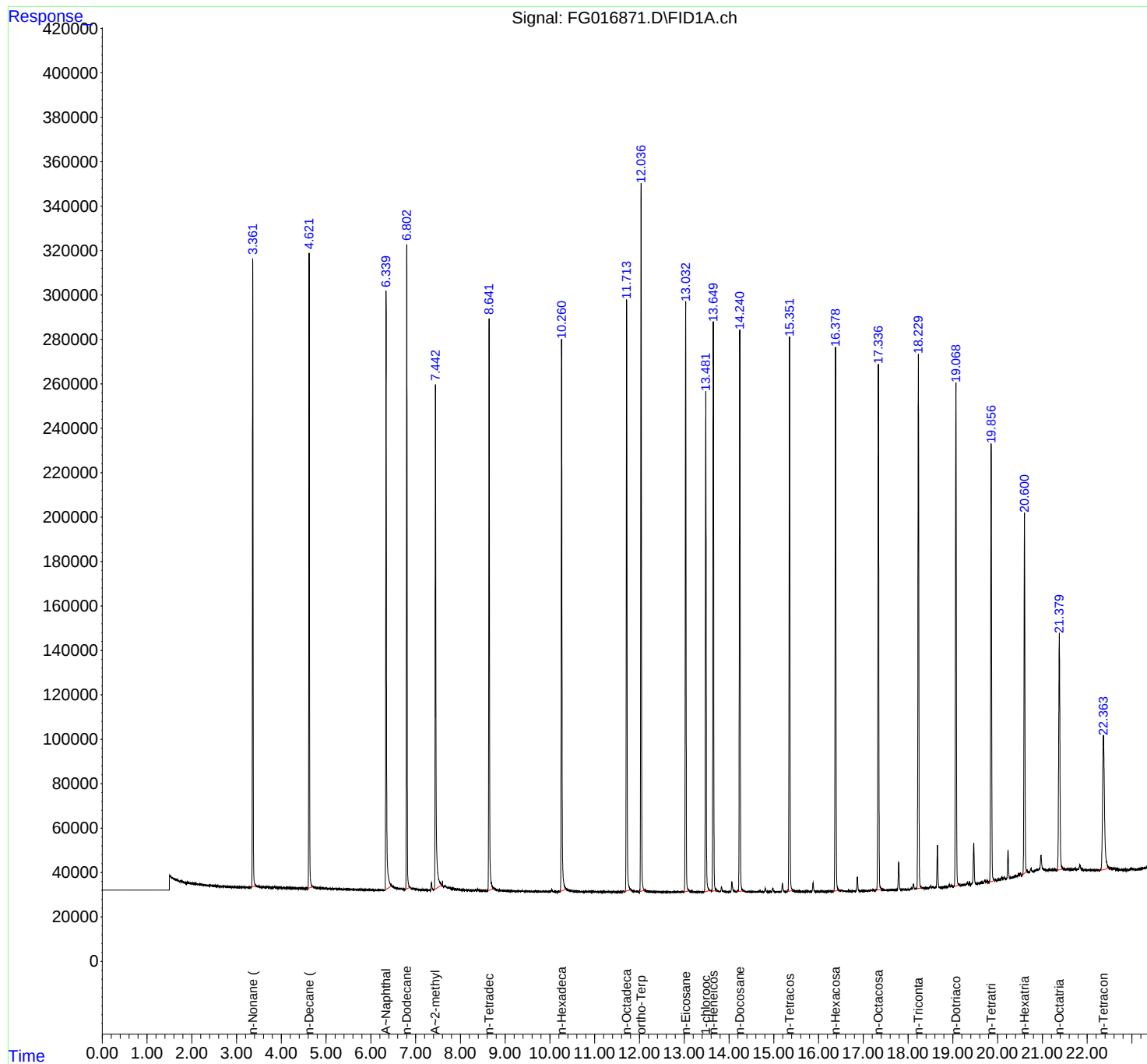
(m)=manual int.

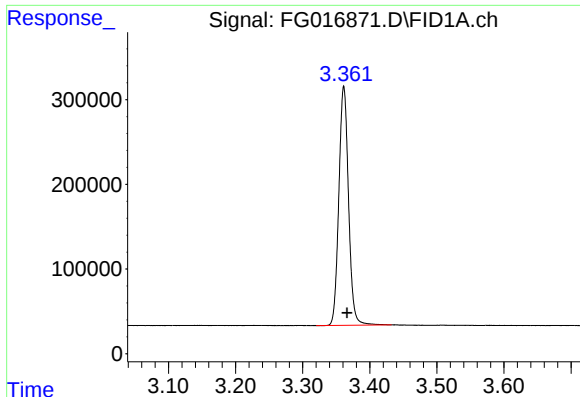
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111225AL\
Data File : FG016871.D
Signal(s) : FID1A.ch
Acq On : 12 Nov 2025 08:46
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Nov 12 12:36:40 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

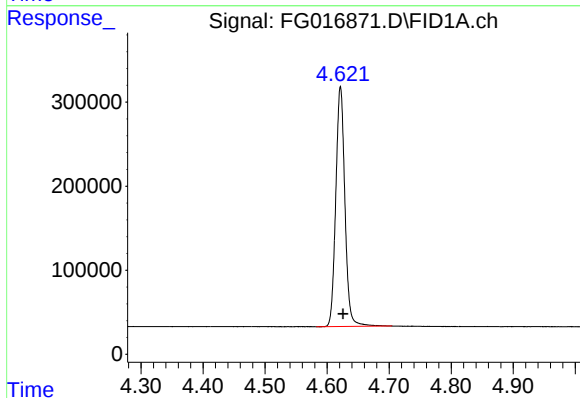




#1 n-Nonane (C9)

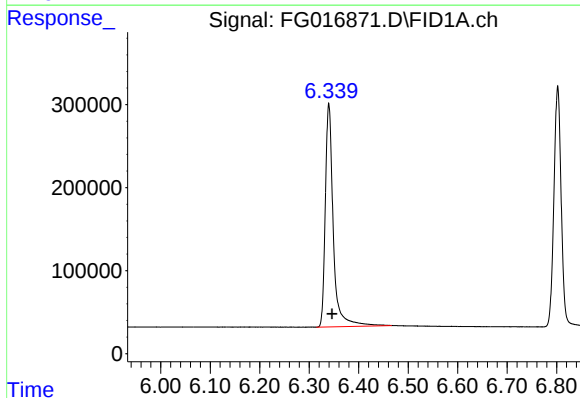
R.T.: 3.361 min
Delta R.T.: -0.005 min
Response: 2826032
Conc: 22.68 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



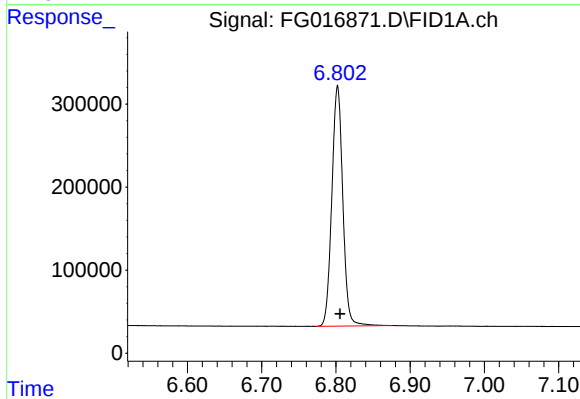
#2 n-Decane (C10)

R.T.: 4.622 min
Delta R.T.: -0.004 min
Response: 2916209
Conc: 22.78 ug/ml



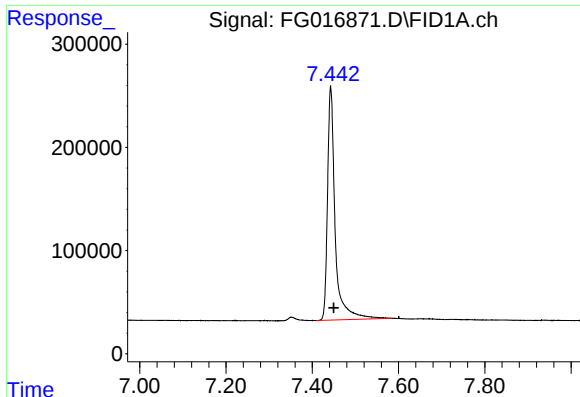
#3 A~Naphthalene (C11.7)

R.T.: 6.340 min
Delta R.T.: -0.006 min
Response: 3015026
Conc: 23.04 ug/ml



#4 n-Dodecane (C12)

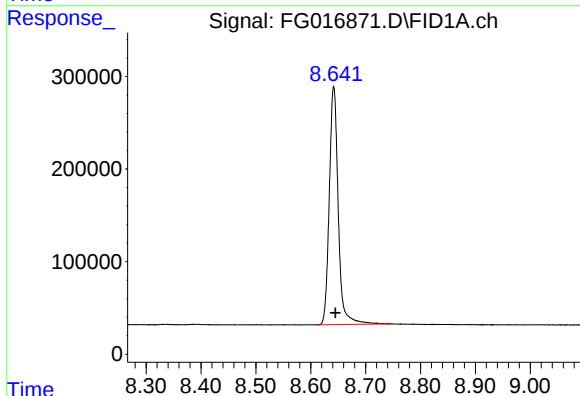
R.T.: 6.802 min
Delta R.T.: -0.003 min
Response: 2967746
Conc: 22.76 ug/ml



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

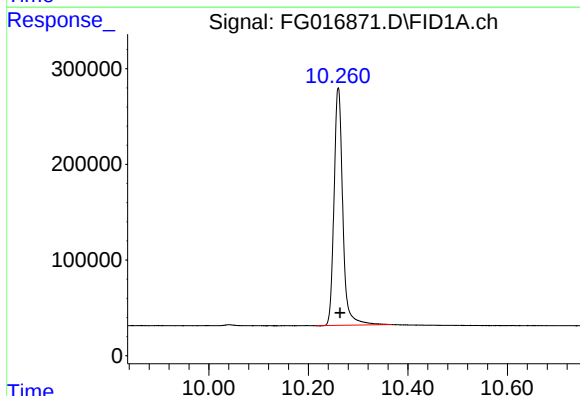
R.T.: 7.443 min
Delta R.T.: -0.007 min
Response: 2788623
Conc: 23.17 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



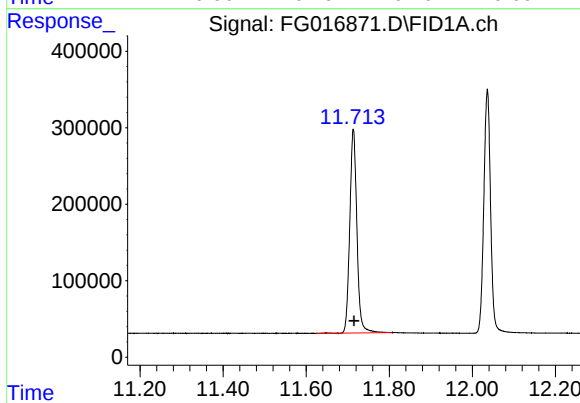
#6 n-Tetradecane (C14)

R.T.: 8.642 min
Delta R.T.: -0.003 min
Response: 2927805
Conc: 22.92 ug/ml



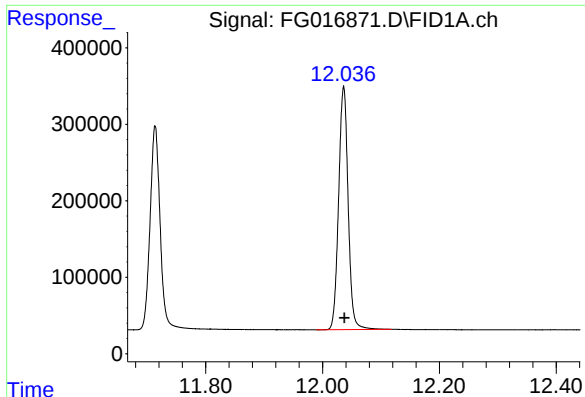
#7 n-Hexadecane (C16)

R.T.: 10.260 min
Delta R.T.: -0.003 min
Response: 3038046
Conc: 22.99 ug/ml



#8 n-Octadecane (C18)

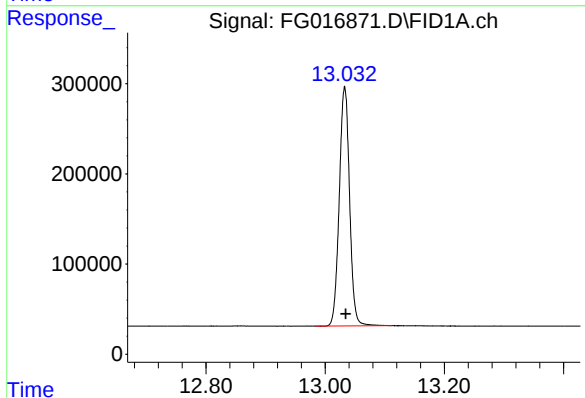
R.T.: 11.714 min
Delta R.T.: -0.002 min
Response: 3175925
Conc: 22.79 ug/ml



#9 ortho-Terphenyl (SURR)

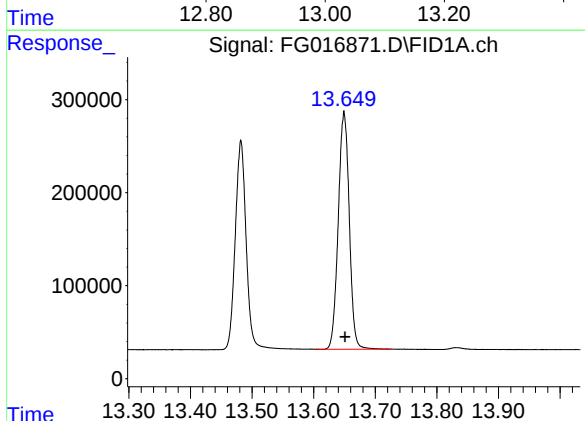
R.T.: 12.036 min
Delta R.T.: -0.001 min
Response: 3587977
Conc: 22.72 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



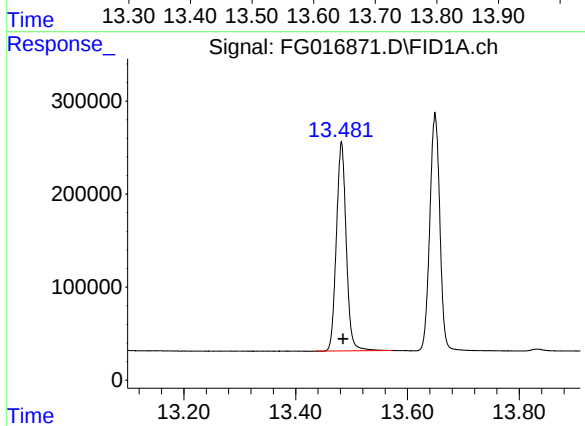
#10 n-Eicosane (C20)

R.T.: 13.033 min
Delta R.T.: -0.002 min
Response: 3180239
Conc: 22.75 ug/ml



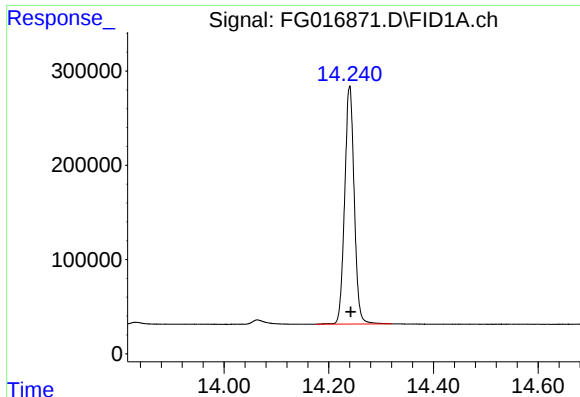
#11 n-Heneicosane (C21)

R.T.: 13.649 min
Delta R.T.: -0.002 min
Response: 3168417
Conc: 22.79 ug/ml



#12 1-chlorooctadecane (SURR)

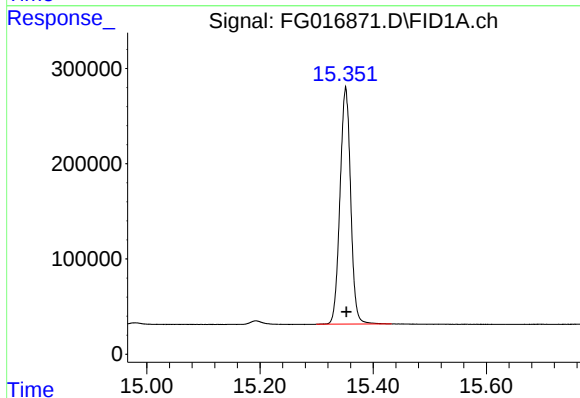
R.T.: 13.482 min
Delta R.T.: -0.003 min
Response: 2749145
Conc: 22.83 ug/ml



#13 n-Docosane (C22)

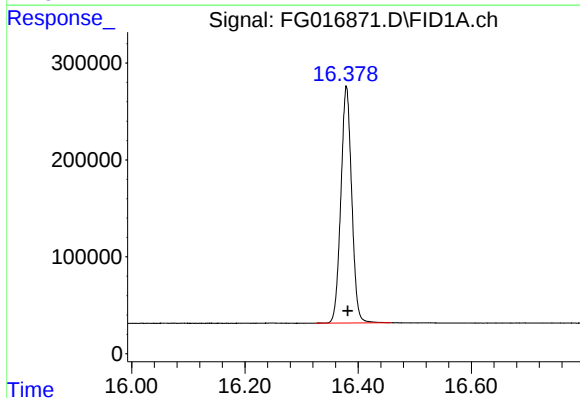
R.T.: 14.240 min
Delta R.T.: -0.002 min
Response: 3195642
Conc: 22.59 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



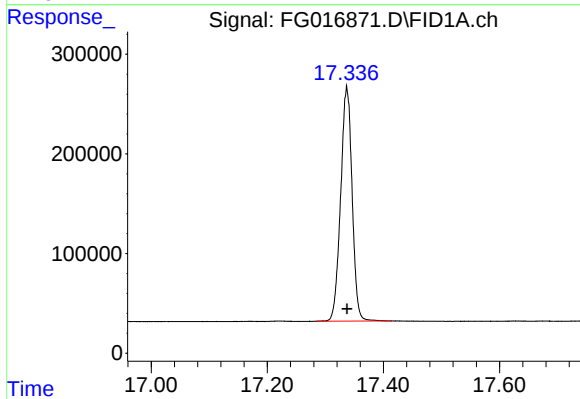
#14 n-Tetracosane (C24)

R.T.: 15.351 min
Delta R.T.: -0.001 min
Response: 3249913
Conc: 22.10 ug/ml



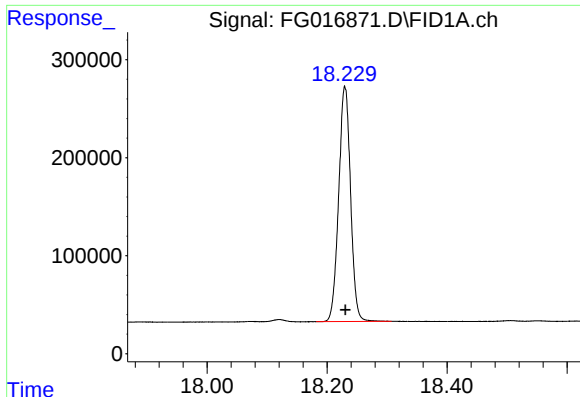
#15 n-Hexacosane (C26)

R.T.: 16.379 min
Delta R.T.: -0.003 min
Response: 3242296
Conc: 22.10 ug/ml



#16 n-Octacosane (C28)

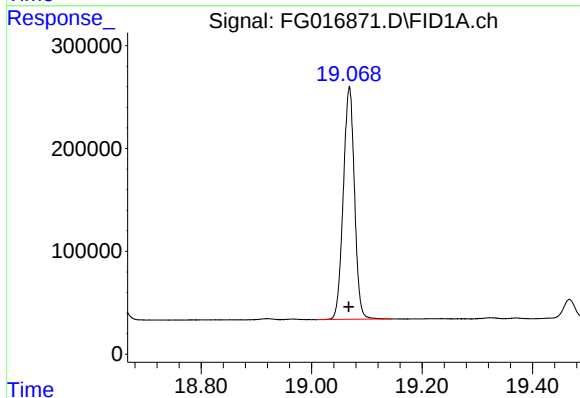
R.T.: 17.337 min
Delta R.T.: 0.000 min
Response: 3216628
Conc: 21.85 ug/ml



#17 n-Tricontane (C30)

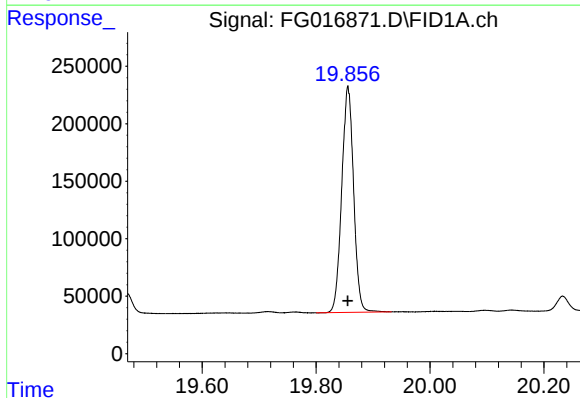
R.T.: 18.230 min
Delta R.T.: -0.001 min
Response: 3295291
Conc: 21.78 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



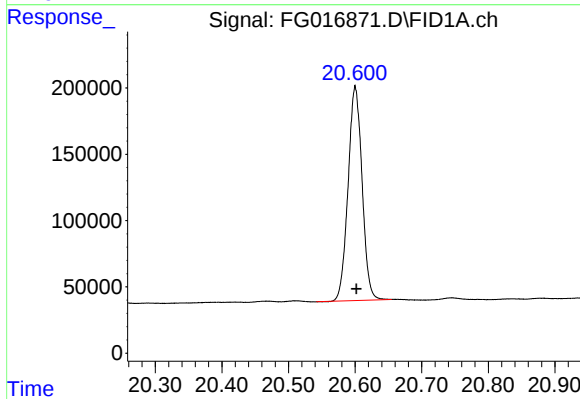
#18 n-Dotriacontane (C32)

R.T.: 19.068 min
Delta R.T.: 0.001 min
Response: 3182950
Conc: 21.59 ug/ml



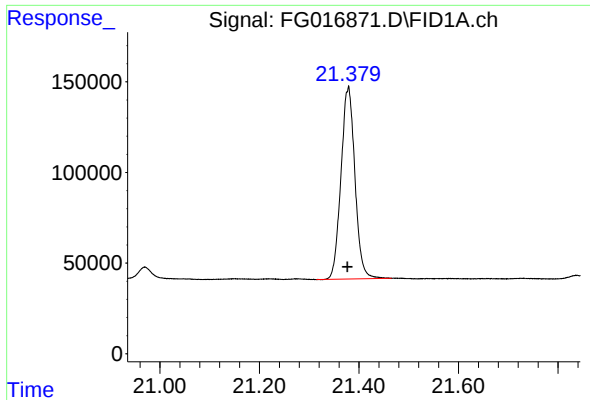
#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: 0.000 min
Response: 2845965
Conc: 22.08 ug/ml



#20 n-Hexatriacontane (C36)

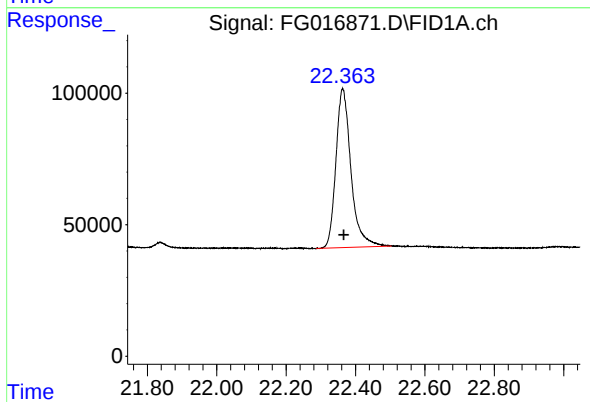
R.T.: 20.600 min
Delta R.T.: -0.002 min
Response: 2359820
Conc: 22.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: 0.002 min
Response: 2059447
Conc: 23.36 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.363 min
Delta R.T.: -0.004 min
Response: 1819682
Conc: 23.24 ug/ml