

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110625AL\
 Data File : FC070141.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2025 13:42
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Nov 06 14:47:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 110625.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 06 14:47:07 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)	11.635	857831	4.887 ug/ml
Spiked Amount 50.000		Recovery =	9.77%
12) S 1-chlorooctadecane (S...	13.072	651650	4.874 ug/ml
Spiked Amount 50.000		Recovery =	9.75%
Target Compounds			
1) T n-Nonane (C9)	3.379	682843	4.815 ug/ml
2) T n-Decane (C10)	4.449	699423	4.763 ug/ml
3) T A~Naphthalene (C11.7)	6.043	756899	4.707 ug/ml
4) T n-Dodecane (C12)	6.470	733828	4.786 ug/ml
5) T A~2-methylnaphthalene...	7.101	725786	4.653 ug/ml
6) T n-Tetradecane (C14)	8.267	752503	4.788 ug/ml
7) T n-Hexadecane (C16)	9.870	795886	4.801 ug/ml
8) T n-Octadecane (C18)	11.314	825409	4.897 ug/ml
10) T n-Eicosane (C20)	12.625	793230	4.959 ug/ml
11) T n-Heneicosane (C21)	13.238	767550	4.951 ug/ml
13) T n-Docosane (C22)	13.824	796033	5.142 ug/ml
14) T n-Tetracosane (C24)	14.929	876734	5.625 ug/ml
15) T n-Hexacosane (C26)	15.951	848603	5.701 ug/ml
16) T n-Octacosane (C28)	16.902	869892	5.985 ug/ml
17) T n-Tricontane (C30)	17.791	932703	6.288 ug/ml
18) T n-Dotriacontane (C32)	18.625	961218	6.605 ug/ml
19) T n-Tetratriacontane (C34)	19.409	815287	6.335 ug/ml
20) T n-Hexatriacontane (C36)	20.149	642142	5.958 ug/ml
21) T n-Octatriacontane (C38)	20.907	537173	5.635 ug/ml
22) T n-Tetracontane (C40)	21.856	475567	5.364 ug/ml

(f)=RT Delta > 1/2 Window

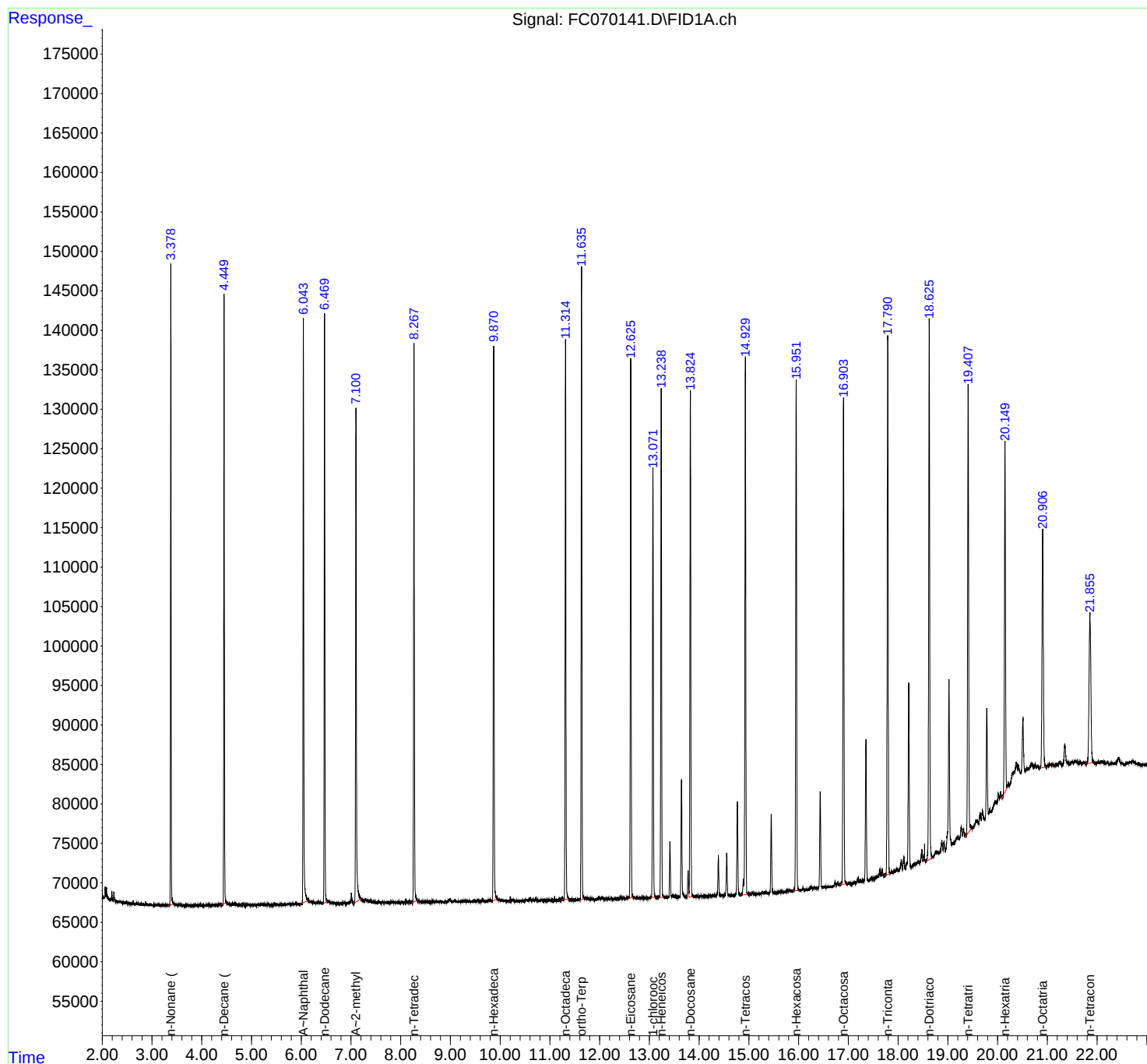
(m)=manual int.

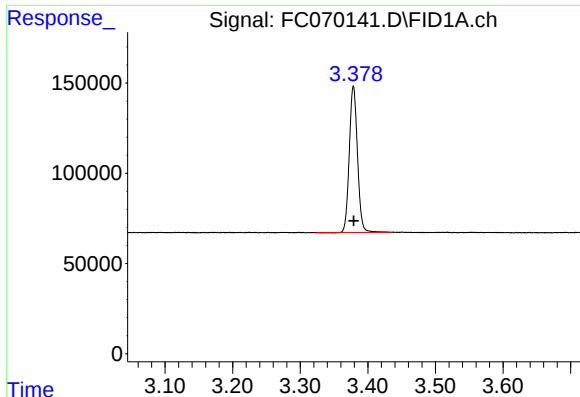
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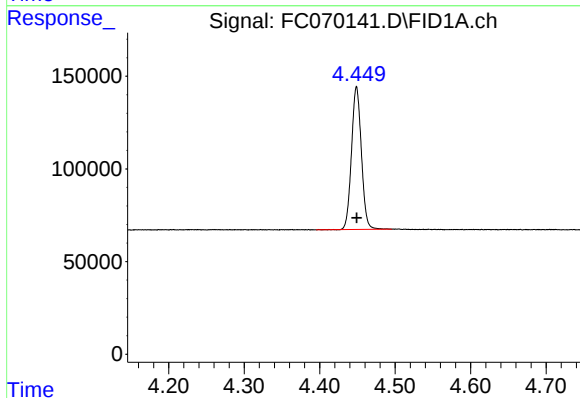




#1 n-Nonane (C9)

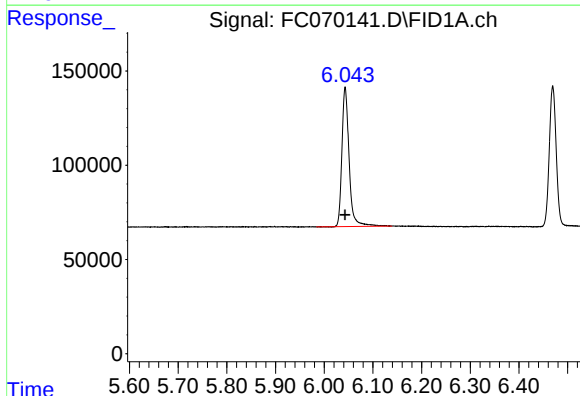
R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 682843
Conc: 4.82 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



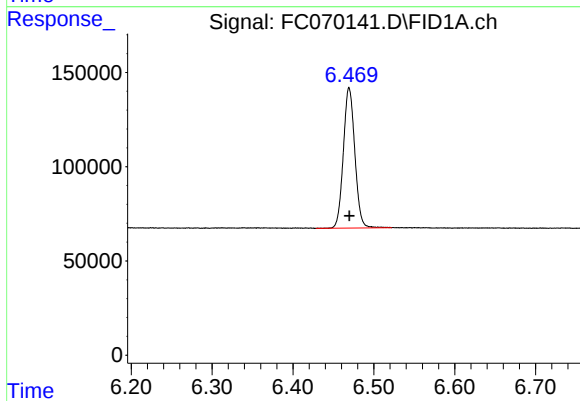
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 699423
Conc: 4.76 ug/ml



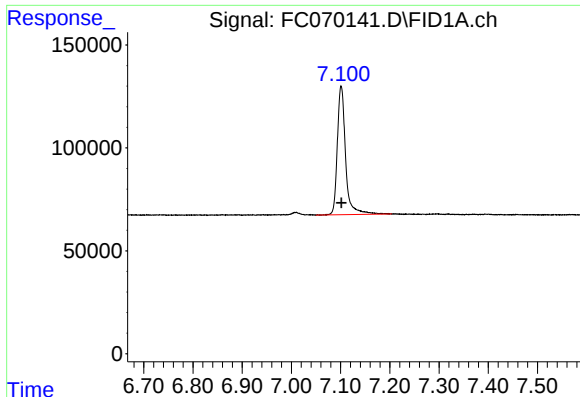
#3 A~Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 756899
Conc: 4.71 ug/ml



#4 n-Dodecane (C12)

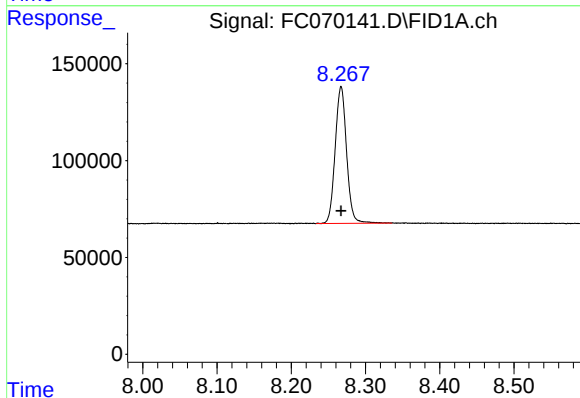
R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 733828
Conc: 4.79 ug/ml



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

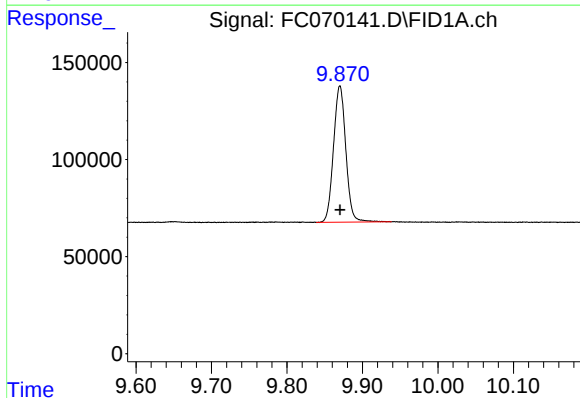
R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 725786
Conc: 4.65 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



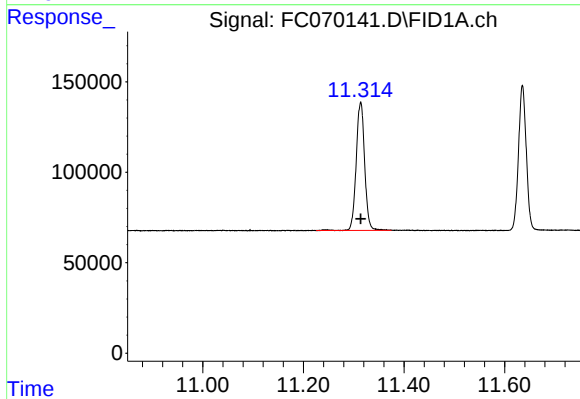
#6 n-Tetradecane (C14)

R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 752503
Conc: 4.79 ug/ml



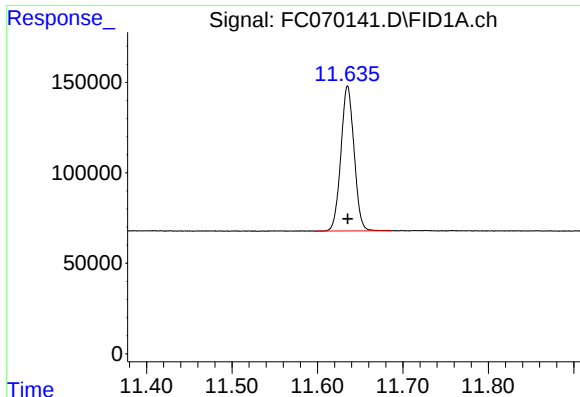
#7 n-Hexadecane (C16)

R.T.: 9.870 min
Delta R.T.: 0.000 min
Response: 795886
Conc: 4.80 ug/ml



#8 n-Octadecane (C18)

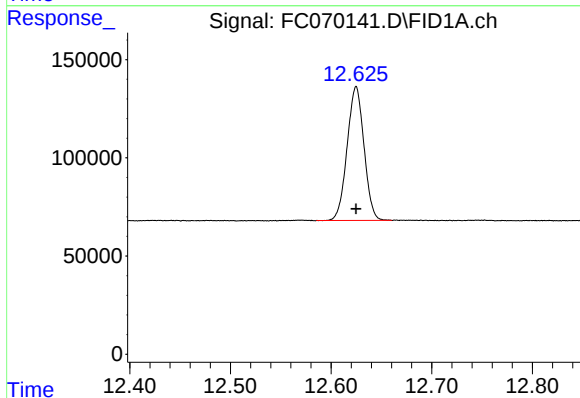
R.T.: 11.314 min
Delta R.T.: 0.000 min
Response: 825409
Conc: 4.90 ug/ml



#9 ortho-Terphenyl (SURR)

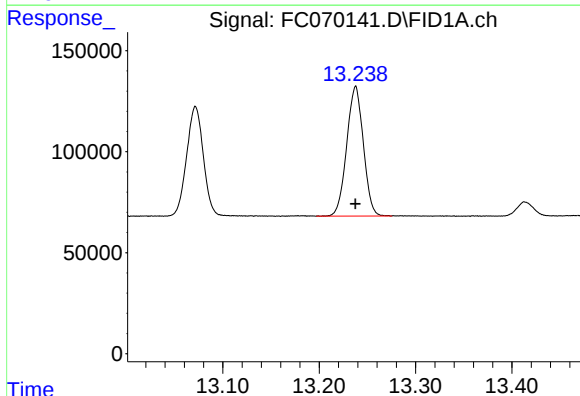
R.T.: 11.635 min
Delta R.T.: 0.000 min
Response: 857831
Conc: 4.89 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



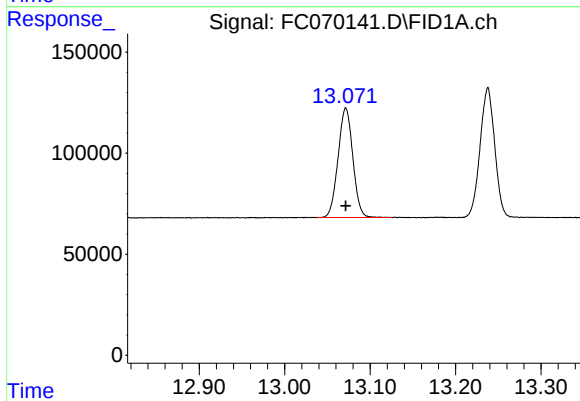
#10 n-Eicosane (C20)

R.T.: 12.625 min
Delta R.T.: 0.000 min
Response: 793230
Conc: 4.96 ug/ml



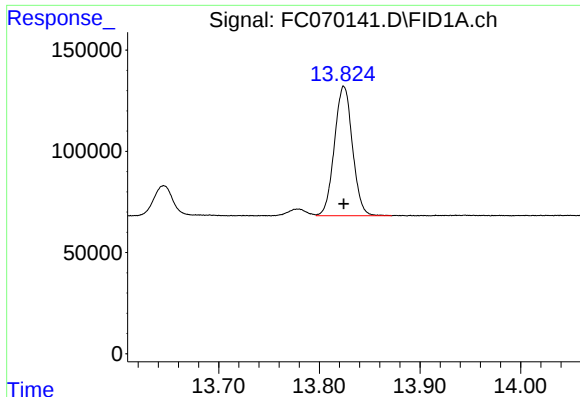
#11 n-Heneicosane (C21)

R.T.: 13.238 min
Delta R.T.: 0.000 min
Response: 767550
Conc: 4.95 ug/ml



#12 1-chlorooctadecane (SURR)

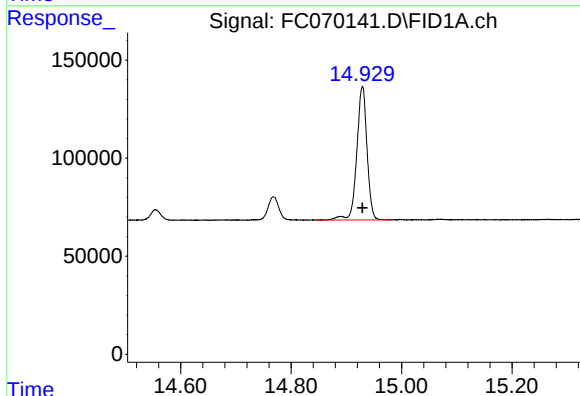
R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 651650
Conc: 4.87 ug/ml



#13 n-Docosane (C22)

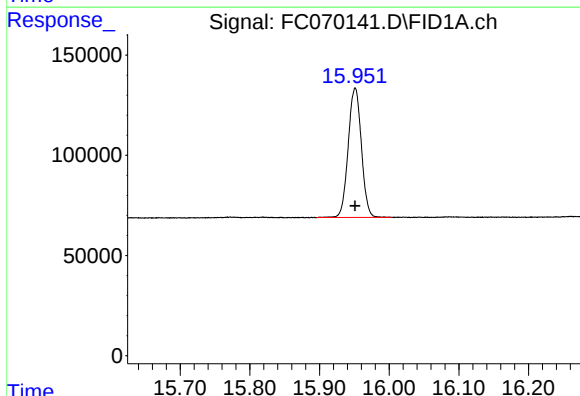
R.T.: 13.824 min
Delta R.T.: 0.000 min
Response: 796033
Conc: 5.14 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



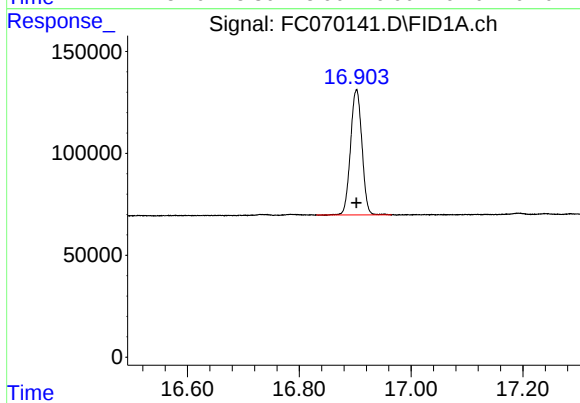
#14 n-Tetracosane (C24)

R.T.: 14.929 min
Delta R.T.: 0.000 min
Response: 876734
Conc: 5.63 ug/ml



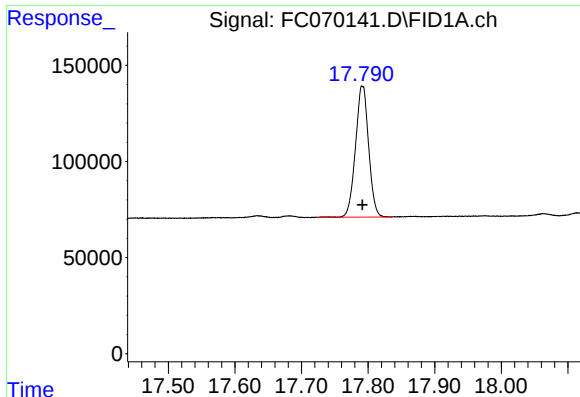
#15 n-Hexacosane (C26)

R.T.: 15.951 min
Delta R.T.: 0.000 min
Response: 848603
Conc: 5.70 ug/ml



#16 n-Octacosane (C28)

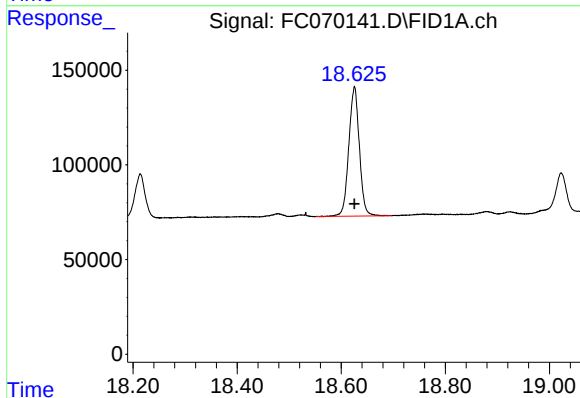
R.T.: 16.902 min
Delta R.T.: 0.000 min
Response: 869892
Conc: 5.99 ug/ml



#17 n-Tricontane (C30)

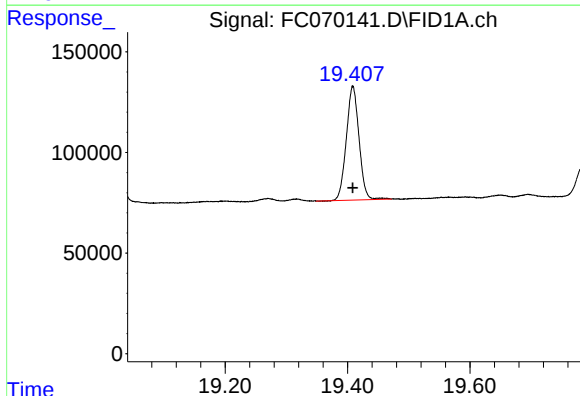
R.T.: 17.791 min
Delta R.T.: 0.000 min
Response: 932703
Conc: 6.29 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



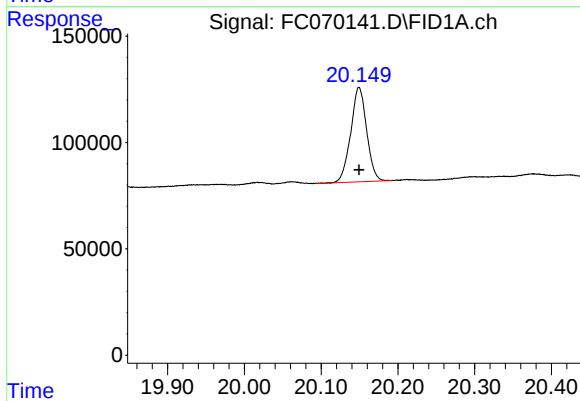
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: 0.000 min
Response: 961218
Conc: 6.61 ug/ml



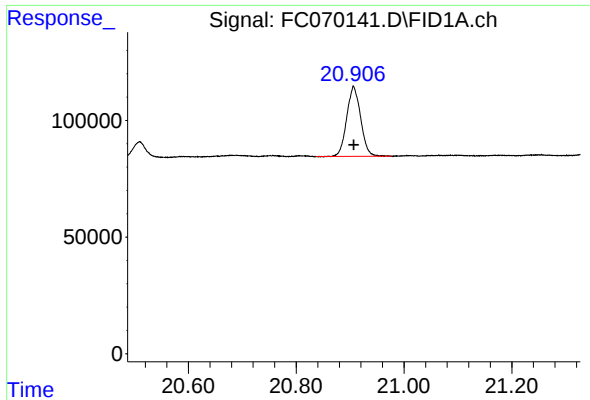
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min
Delta R.T.: 0.000 min
Response: 815287
Conc: 6.34 ug/ml



#20 n-Hexatriacontane (C36)

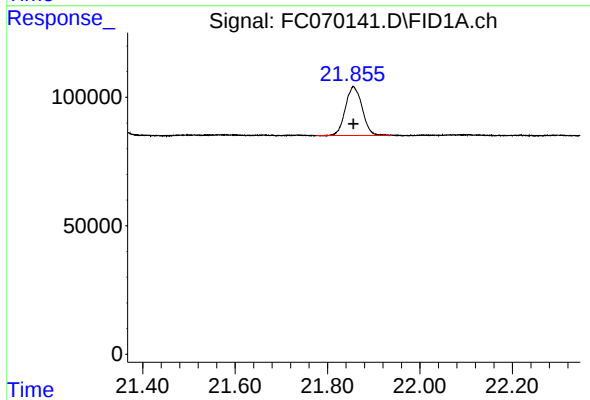
R.T.: 20.149 min
Delta R.T.: 0.000 min
Response: 642142
Conc: 5.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.907 min
Delta R.T.: 0.000 min
Response: 537173
Conc: 5.63 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.856 min
Delta R.T.: 0.000 min
Response: 475567
Conc: 5.36 ug/ml